OFFICIAL GAZETTE

UNITED STATES PATENT OFFICE

INDEX

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MICRO PHOTO INC.
CLEVELAND, OHIO

INDEX OF PATENTS

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LIST OF PLANT PATENTEES FOR THE YEAR 1944

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Disclaimers follow in separate indexes, but precede the List of Plant Inventions

Armacost & Royston, Inc. (See Hartgerink, Conrad, assignor.)
Armstrong Nurseries, Inc. (See Lammerts, Walter E., assignor.)
Ball, Geo. J. (See Bonhard, John H., assignor.)
Baxter, Frederick K., assignor to Gem City Vineland Company, Nauvoo, Ill. Apple tree. 619; Mar. 21.
Bobbink & Atkins. (See Bobbink, Lambertus C., assignor.)
Bobbink & Atkins. (See Jacobus, Martin R., assignor.)
Bobbink, Lambertus C., assignor to Bobbink & Atkins, East Rutherford, N. J. Azalea plant. 611; Jan. 4.
Bonhard, John H., assignor to Geo. J. Ball, Inc., West Chicago, Ill. Carnation plant. 645; Oct. 10.
Bonner, Douglas, Orofino, Idaho, assignor to Stark Bro's Nurseries and Orchards Company, Louisiana, Mo. Apple tree. 642; Sept. 19.
Bowen, John C., Menlo Park, Calif. Thornless blackberry plant. 635; Aug. 1.
Bowers, William I., Yakima County, Wash. Apricot tree. 630; June 27.
Byrum, Roy L., assignor to Joseph H. Hill Company, Richmond, Ind. Rose plant. 613; Feb. 1.
Byrum, Roy L., assignor to Joseph H. Hill Company, Richmond, Ind. Rose plant. 616; Feb. 15.
Byrum, Roy L., assignor to Joseph H. Hill Company, Richmond, Ind. Rose plant. 617; Feb. 15.
Byrum, Roy L., assignor to Joseph H. Hill Company, Richmond, Ind. Rose plant. 620; Mar. 21.
Dickson, Alexander, Jr., Newtonards, Belfast, Ireland, assignor to Jackson & Perkins Company, Newark, N. Y. Rose plant. 638; Sept. 5.
Dickson, Alexander, Jr., Newtonards, Belfast, Ireland, assignor to Jackson & Perkins Company, Newark, N. Y. Rose plant. 639; Sept. 5.
Drain, Brooks D., assignor to The University of Tennessee Research Corporation, Knoxville, Tenn. Strawberry plant. 629; June 6.
Engle, Russell, assignor to T. Knipe, Florist, Kokomo, Ind. Carnation plant. 612; Jan. 4.
Fairman, Claude, near Charlevoix, Mich., assignor to Stark Bros. Nurseries and Orchards Company, Louisiana, Mo. Cherry tree. 627; May 9.
Fischer, Albert C. (See Hansen, Carl A., assignor.)
Freeland, Elmer W., Clarinda, Iowa, assignor to Stark Bro's Nurseries and Orchards Company, Louisiana, Mo. Peach tree. 623; Apr. 11.
Gem City Vineland Company. (See Baxter, Frederick K., assignor.)
Hansen, Carl A., assignor of one-half to A. C. Fischer, Chicago, Ill. Crab apple tree. 648; Dec. 19.
Hartgerink, Conrad, assignor to Armacost & Royston, Inc., West Los Angeles, Calif. Rose plant. 647; Dec. 5.
Hill, Joseph H., Company. (See Byrum, Roy L., assignor.)
Howard, Frederick H., Montebello, Calif. Rose plant. 636; Aug. 8.
Howard, Frederick H., Montebello, Calif. Rose plant. 637; Aug. 8.
Jackson & Perkins Company. (See Dickson, Alexander, Jr., assignor.)
Jackson & Perkins Company. (See Johnston, Walter I., assignor.)
Jacobus, Martin R., Ridgefield, assignor to Bobbink & Atkins, East Rutherford, N. J. Rose plant. 643; Oct. 3.
Johnston, Walter I., Portadown, Ireland, assignor to Jackson & Perkins Company, Newark, N. Y. Rose plant. 614; Feb. 8.
Jones, John H., Cartersville, Ga. Phlox. 615; Feb. 15.
Knipe, Tom, Florist. (See Engle, Russell, assignor.)
Kondo, Valentine C., Miami, Fla. Gardenia plant. 622; Apr. 4.
Kovach, Paul L., Vista, Calif. Avocado tree. 628; June 6.
Lammerts, Walter E., West Los Angeles, assignor to Armstrong Nurseries, Inc., Ontario, Calif. Peach tree. 621; Mar. 28.
Lammerts, Walter E., West Los Angeles, assignor to Armstrong Nurseries, Inc., Ontario, Calif. Rose plant. 631; June 27.
Lammerts, Walter E., West Los Angeles, assignor to Armstrong Nurseries, Inc., Ontario, Calif. Rose plant. 632; June 27.
Lammerts, Walter E., West Los Angeles, assignor to Armstrong Nurseries, Inc., Ontario, Calif. Rose plant. 646; Oct. 24.
Larson, Janness L., et al., executrices. (See Miller, Frank J.)
Marsh, Edward E., Pasadena, Calif. Rose plant. 626; May 2.
McGuigan, Virgil G., Cedar Springs, assignor to E. D. Smith & Sons, Limited, Winona, Ontario, Canada. Peach tree. 624; Apr. 18.
McRae, Phillis N., et al., executrices. (See Miller, Frank J.)
Miller, Frank J., deceased, by P. N. McRae and J. L. Larson, Forest Grove, Oreg., executrices. Hop plant. 644; Oct. 3.
Nelson, Oscar, Miami, Fla. Sansevieria plant. 633; July 4.
Reichert, Louis, Belle Harbor, N. Y. Chrysanthemum plant. 640; Sept. 5.
Roberts, Stanley B., Madison, N. J. Rose plant. 641; Sept. 5.
Rose Farms Corporation. (See Spera, Louis, assignor.)
Smith, E. D., & Sons, Limited. (See McGuigan, Virgil G., assignor.)
Sparre, Gustav, Clarkson, Ontario, Canada, assignor to The Wayside Gardens Company, Mentor, Ohio. Chrysanthemum plant. 634; July 25.
Spera, Louis, Madison, assignor to Rose Farms Corporation, Chatham Township, Morris County, N. J. Rose plat. 618; Feb. 22.
Stark Bro's Nurseries and Orchards Company. (See Bonner, Douglas, assignor.)
Stark Bro's Nurseries and Orchards Company. (See Freeland, Elmer W., assignor.)
University of Tennessee Research Corporation, The. (See Drain, Brooks D., assignor.)
Wayside Gardens Company, The. (See Sparre, Gustav, assignor.)

LIST OF PATENTEES

A-B-C Packaging Machine Company. (See Neal, Morris P., assignor.)
A. B. T. Manufacturing Corp. (See Dreyer, Everett L., assignor.)
A. P. W. Paper Co. (See Sherman, John C., assignor.)
Aamland, Thor J. (See Curtiss, N. H., and Aamland.)
Aamland, Thor J., Leonia, and N. H. Curtiss, Clifton, N. J., assignors to United States Rubber Company, New York, N. Y. Tension control device. 2,338,276; Jan. 4.
Aamodt, Thoralf, Annadale, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Combined mercury interrupter and transformer. 2,342,781; Feb. 29.
Aaron, Solomon E., Charlestown, Mass. Boat-handling gear. 2,339,755; Jan. 25.
Aaron, Solomon E., Charlestown, Mass. Bilge pump. 2,343,269; Mar. 7.
Aasland, Byron T. (See Zink, W. L., and Aasland.)
Aasland, John L. (See Hyman, B. M., and Aasland.)
Aasland, John L., Moline, Ill., assignor to International Harvester Company. Clutch. 2,341,170; Feb. 8.
Aasland, John L., Moline, Ill., assignor to International Harvester Company. Trash roll construction. 2,349,328; May 23.
Aasted, Kai C. S., Gentofte, near Copenhagen, Denmark; vested in the Alien Property Custodian. Casting apparatus for use in machines for casting chocolate and the like. 2,340,501; Feb. 1.
Aasted, Kai C. S., Gentofte, near Copenhagen, Denmark; vested in the Alien Property Custodian. Conveyer mechanism. 2,359,070; Sept. 26.
Abal Drilling Corporation. (See Newkirk, Edgar D., assignor.)
Abax Corporation. (See Svoboda, Antonin, assignor.)
Abbey, Robert G., Wynnewood, Pa. Dust precipitator. 2,351,060; June 13.
Abbott, Amen D. (See Mason, Williams C., assignor.)
Abbott, Charles W., Larchmont, N. Y. Method and apparatus for coating. 2,343,858; Mar. 14.
Abbott, Charles W., Larchmont, N. Y. Method and apparatus for making nonmetallic sheathed conductors. 2,351,589; June 20.
Abbott, Charles W., Larchmont, N. Y. Insulated conductor construction. 2,361,374; Oct. 31.
Abbott, Claude H., Astoria, Oreg. Can-dumping mechanism. 2,351,731; June 20.
Abbott, Edward J., assignor to Abbott Machine Company, Wilton, N. H. Winding machine. Re. 22,492; June 13.
Abbott, Edward J., assignor to Abbott Machine Company, Wilton, N. H. Winding machine. 2,338,085; Jan. 4.
Abbott, Edward J., and W. L. Perry, assignors to Abbott Machine Company, Wilton, N. H. Winding machine. 2,362,455; Nov. 14.
Abbott, Frank R. (See Atlee, Z. J., and Abbott.)
Abbott, Geoffrey J., Carshalton, assignor to P. I. V. Chain Gears Limited, London, England. Driving band or chain. 2,365,988; Dec. 26.
Abbott Laboratories. (See Moore, Edmond E., assignor.)
Abbott Laboratories. (See Moore, Marjorie B., assignor.)
Abbott Laboratories. (See Ravenscroft, E. A., and Jordan, assignors.)
Abbott Machine Company. (See Abbott, Edward J., assignor.)
Abbott Machine Company. (See Abbott, E. J., and Perry, assignors.)
Abbott, Matthew C., Ipswich, Mass., assignor to Sylvania Electric Products Inc. Electric discharge device circuit. 2,354,654; Aug. 1.
Abbott, Paul D., Roslindale, and M. W. Graney, Jamaica Plain, Mass., assignors to J. Chapin, H. S. Frazer, and J. MacGregor, as co-trustees. Hospital incubator. 2,353,536; July 11.
Abbott, Thomas W. H., Baltimore, Md. Steam heating boiler control. 2,346,890; Apr. 18.
Abegg & Reinhold Company, Ltd. (See Abegg, Walter A., assignor.)
Abegg, Walter A., assignor to Abegg & Reinhold Co. Ltd., Los Angeles, Calif. Pipe measuring apparatus. 2,342,234; Feb. 22.
Abegg, Walter A., assignor to Abegg & Reinhold Co. Ltd., Los Angeles, Calif. Kelly bushing. 2,346,958; Apr. 18.
Abegg, Walter A., assignor to Abegg & Reinhold Company, Ltd., Los Angeles, Calif. Elevator and table support for drill pipes. 2,362,042; Nov. 7.
Abeles, Paul, London, England. Concave reinforced concrete beam. Re. 22,569; Nov. 28.
Abendroth, Otto A., Menasha, Wis. Fourdrinier wire. 2,357,492; Sept. 5.
Aber, Earnest F., Racine, Wis. Manufacturing toothed elements. 2,344,953; Mar. 28.
Aber, Earnest F., Racine, Wis. Milling cutter. 2,344,954; Mar. 28.
Aber, Earnest F., Waterford, Wis. Milling machine cutter. 2,344,955; Mar. 28.
Aber, Earnest F., Waterford, Wis. Manufacturing milling cutters. 2,344,956; Mar. 28.
Aber, Earnest F., Waterford, Wis. Milling cutter. 2,346,343; Apr. 11.
Abercrombie, James S. (See Bean, R. N., Abercrombie, and Alfen.)
Abernathy, Clyde G., assignor of one-half to A. L. Blades, Hornell, N. Y. Composite surfacing material and applying the same. 2,347,233; Apr. 25.
Abernathy, David W., assignor to Products Development, Inc., Chicago, Ill. Thermostatic element. 2,349,126; May 16.
Abernathy, David W., assignor to Products Development, Inc., Chicago, Ill. Gaseous discharge tube circuit. 2,356,369; Aug. 22.
Abgarian, Aram. (See Simpson, H. W., and Abgarian.)
Abington Textile Machinery Works. (See Clark, Ernest, assignor.)
Abington Textile Machinery Works. (See White, Charles E., assignor.)
Abos, Ralph L. (See Stoody, S. M., and Abos.)
Abraham, Clarence F. (See Kozak, J. L., and Abraham.)
Abraham, Leonard G., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signal transmission system. 2,360,926; Oct. 24.
Abraham, Leonard G., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Line with negative resistance loading. 2,361,160; Oct. 24.
Abrahams, Samuel A., Redwood City, R. Lewon, Palo Alto, and L. L. Collonge, San Mateo County, assignors to Plant Rubber & Asbestos Works, San Francisco, Calif. Self-set magnesium carbonate composition and preparing the same. 2,339,041; Jan. 11.
Abramowitz, William L. (See Davis, G. D., and Abramowitz.)
Abramowitz, William L. (See Stull, A. N., and Abramowitz.)
Abrams, Allen, and G. W. Forcey, Wausau, and C. L. Wagner, Menasha, assignors to Marathon Paper Mills Company, Rothschild, Wis. Coated sheet material. 2,339,242; Jan. 18.
Abrams, Allen, and G. W. Forcey, Wausau, W. H. Graebner, Neenah, A. M. Heald, Wausau, and G. G. Rumberger, Neenah, assignors to Marathon Paper Mills Company, Rothschild, Wis. Composition for coating and laminating sheet materials. 2,346,687; May 9.
Abrams, Allen, and G. W. Forcey, Wausau, W. H. Graebner, Neenah, A. M. Heald, Wausau, and G. G. Rumberger, Neenah, assignors to Marathon Paper Mills Company, Rothschild, Wis. Heat-sealable label. 2,348,688; May 9.
Abrams, Allen, D. W. Davis, and G. W. Forcey, Wausau, G. G. Rumberger, Neenah, and C. L. Wagner, Menasha, assignors to Marathon Paper Mills Company, Rothschild, Wis. Container. 2,348,689; May 9.
Abrams, Allen, and G. W. Forcey, Wausau, assignors to Marathon Paper Mills Company, Rothschild, Wis. Mounting tissue. 2,358,135; Sept. 12.
Abrams, Armand J., Dallas, Tex., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Method and apparatus for catalytic conversions. 2,354,353; July 25.
Abrams, Armand J., Dallas, Tex., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Hydrocarbon conversion. 2,354,354; July 25.
Abrams, Armand J., and I. H. Welinsky, Dallas, Tex., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Conversion of hydrocarbons. 2,354,355; July 25.
Abrams, Edith, et al. (See Bassist, Rudolph, assignor.)
Abrams, John. (See Marberg, C. M., and Abrams.)
Abrams, Victor R., Detroit, Mich. Laminated finned cylinder. 2,365,162; Dec. 19.
Abrams, Victor R., Maplewood, N. J. Supplementary radiant heat cooling fins. 2,340,855; Feb. 8.
Abramson, Harold A., and M. H. Gorin, New York, N. Y., assignors of forty per cent to said Abramson, fifteen per cent to said Gorin, and forty-five per cent to Galen Company. Insulin preparation and making same. 2,343,625; Mar. 7.
Abramson, Hugo, Eskilstuna, and C. Eckers, Stockholm, Sweden, assignors to American Gas Accumulator Company, Elizabeth, N. J. Light sensitive device. 2,355,256; Aug. 8.
Acco, Incorporated. (See Hood, John W., assignor.)
Acco Products, Inc. (See Brennan, Daniel A., assignor.)
Acco Products, Inc. (See Kern, Emil, assignor.)
Acco Products, Inc. (See Zwickel, Elmer L., assignor.)
Acker, George H., Shaker Heights, assignor to The Cleveland Work & Gear Company, Cleveland, Ohio. Magnetic drain plug. 2,358,612; Sept. 19.

Ackerly, Orville B., Jr., Piedmont, assignor to Oliver United Filters Incorporated, Oakland, Calif. Filter. 2,362,231; Nov. 7.
Ackerman, Albert A. (See Webb, I. F., and Ackerman.)
Ackerman-Blaesser-Fezzey, Inc. (See Ackerman, E. L., and Crump, assignors.)
Ackerman, Edward L., and A. V. Crump, assignors to Ackerman-Blaesser-Fezzey, Inc., Detroit, Mich. Electrically operated window regulator. 2,356,642; Aug. 22.
Ackerman, Edward L., and A. V. Crump, assignors to Ackerman-Blaesser-Fezzey, Inc., Detroit, Mich. Power operated window regulator. 2,364,181; Dec. 5.
Ackerman, James E. (See Nissen, H. C., and Ackerman.)
Ackerman, James E., Devon, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Binder attachment for sewing machines. 2,347,145; Apr. 18.
Ackerman, James E., Devon, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Work-folding attachment for sewing machines. 2,348,690; May 9.
Ackerman, Paul C. (See Breer, C., and Ackerman.)
Ackerman, Paul C., Grosse Pointe, assignor to Chrysler Corporation, Highland Park, Mich. Motor vehicle lighting. 2,360,461; Oct. 17.
Ackermann, Otto, Irwin, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Expulsion-type excess-voltage protective device. 2,338,479; Jan. 4.
Ackers, Albert L., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Apparatus for well logging. 2,342,827; Feb. 29.
Acly, Harry M., and J. R. Barr, Pittsfield, Mass., assignors to General Electric Company. Thermal switch. 2,340,099; Jan. 25.
Acme Metal Goods Manufacturing Co. (See Gamache, Homer, assignor.)
Acme Steel Company. (See Hunter, Joseph L., assignor.)
Acme Steel Company. (See MacChesney, Chester M., assignor.)
Acme Steel Company. (See MacChesney, C. M., and Schroeder, assignors.)
Acme Steel Company. (See MacChesney, C. M., and Wilson, assignors.)
Acme Steel Company. (See Wilson, Allen B., assignor.)
Acme Visible Records, Inc. (See Hall, Marchand B., assignor.)
Acord, John L., assignor of one-half to J. H. Levi, Baltimore, Md. Fabricating torch tips. 2,350,952; June 6.
Actotorque Company, The. (See Fuller, Ernest W., assignor.)
Actiengesellschaft Joh. Jacob Rieter & Cie. (See Hess, Heinrich O., assignor.)
Acton Bolt and Fine Threads Limited. (See Affleck, Theodore K., assignor.)
Acton, Russel D., assignor to International Harvester Company, Chicago, Ill. Hydraulic braking system for tractors. 2,362,521; Nov. 14.
Adair, Montague, Passaic, and R. Henderson, assignors of eighty-five one-hundredths to said Adair and fifteen one-hundredths to E. V. Myers, East Orange, N. J., and L. E. Giles, New York, N. Y. Feeding and conveying apparatus for textile materials. 2,342,235; Feb. 22.
Adam, Frank, Electric Company. (See Stieglitz, Henry M., assignor.)
Adam, Frederick B., St. Louis County, and H. M. Stieglitz, St. Louis, Mo. Wire duct. 2,353,121; July 11.
Adamoli, Carlo, Milan, Italy, assignor to Perosa Corporation, Wilmington, Del. Obtaining soluble beryllium compounds starting from ores containing beryllium. 2,344,480; Mar. 14.
Adams, Arthur H., Jr., assignor to National Rayon Dyeing Company, Newark, N. J., Barnhardt Brothers, Charlotte, and Tryon Processing Co., Tryon, N. C. Color chart. 2,354,493; July 25.
Adams, Charles S. (See Lowe, D. V., Vedder, and Adams.)
Adams, Chester M. (See Bailey, W. C., and Adams.)
Adams, Chester M., assignor to United States Plywood Corporation, Seattle, Wash. Sawdust recovery process and apparatus. 2,342,321; Feb. 22.
Adams, Clarence H., assignor to Cone Automatic Machine Company, Inc., Windsor, Vt. Double end tooling mechanism and attachment. 2,363,033; Nov. 21.
Adams, Clay Co. Inc. (See Mathis, Waddy T., assignor.)
Adams, Donald L. (See Oehler, A. W., Adams, and Harter.)
Adams, Elmer W. (See MacLaren, F. H., and Adams.)
Adams, Elmer W., Hammond, Ind., and L. C. Brunstrum, and G. W. Flint, assignors to Standard Oil Company, Chicago, Ill. Grease. 2,341,134; Feb. 8.
Adams, Elmer W., Hammond, and F. H. MacLaren, Munster, Ind., assignors to Standard Oil Company, Chicago, Ill. Nonscuffing wax coating composition. 2,361,582; Oct. 31.
Adams, Elmer Wade, Hammond, Ind., and G. W. Flint, assignors to Standard Oil Company, Chicago, Ill. Slushing composition. 2,348,715; May 16.
Adams, Ernest D., Athol, Mass. Saw rig. 2,354,095; July 18.
Adams, Frederick V., Branford, Conn. Micrometer caliper. 2,357,066; Aug. 29.
Adams, Frederick W., Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Treatment of glass surfaces. 2,348,704; May 16.
Adams, Frederick W., Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Treating glass surfaces. 2,359,071; Sept. 26.
Adams, Frederick W., Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Providing a matte finish upon polished glass surfaces. 2,359,072; Sept. 26.
Adams, Frederick W., Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Separation of tall oil into components. 2,363,925; Nov. 28.
Adams, Gale L., San Marino, Calif., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Using comminuted catalysts supported on a metallic base. 2,357,570; Sept. 5.
Adams, Gilford D., Butterfield, assignor of nine-sixteenths to F. P. Sizer, Monett, Mo. Milk bottle. 2,344,485; Mar. 21.
Adams, Harold E., assignor to Nash Engineering Company, South Norwalk, Conn. Pump. 2,347,386; Apr. 25.
Adams, Harold E., assignor to Nash Engineering Company, South Norwalk, Conn. Pump. 2,362,954; Nov. 14.
Adams, Harold W. (See Devlin, L. J., Adams, Landgraf, and Glasgow.)
Adams, Harold W., Santa Monica, and O. A. Wheelon, Pacific Palisades, assignors to Douglas Aircraft Company, Inc., Santa Monica, Calif. Hydraulic system and control. 2,350,662; June 6.
Adams, Harold W., and E. S. Kleinhans, assignors to Douglas Aircraft Company, Incorporated, Santa Monica, Calif. Hydraulic power transmission system. 2,355,357; Aug. 8.
Adamson, Henry, London, England, assignor to Celanese Corporation of America. Ammunition chute. 2,363,219; Nov. 21.
Adams, James F., Wilmington, Del., assignor to General Chemical Company, New York, N. Y. Abscission retarding composition and using the same. 2,350,709; June 6.
Adams, James W., Dallas Tex., assignor to Oil Well Supply Company. Forced draft burner for portable boiler flame chambers. 2,356,729; Aug. 29.
Adams, John C., Fairbanks, Alaska. Internal-combustion engine. 2,349,600; May 23.
Adams, Joy C. (See Young, A. M., and Adams.)
Adams, Loyd, Maywood, Calif., assignor to Calavo Growers of California, Los Angeles, Calif. Box dumping apparatus. 2,344,664; Mar. 21.
Adams, Paul G., Newark, and M. W. Axman, Stirling, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Demand register. 2,347,016; Apr. 18.
Adams, Paul L., assignor to Carr, Adams & Collier Company, Dubuque, Iowa. Window construction. 2,361,375; Oct. 31.
Adams, Pierrepont. (See Swain, R. C., and Adams.)
Adams, Robert C., Springfield, assignor to The Marvellum Company, Holyoke, Mass. Wrapper for packages of cigarettes and the like. 2,341,415; Feb. 8.
Adams, Robert T., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for applying tape upon articles. 2,344,340; Mar. 14.
Adams, Roger, Urbana, Ill. Marihuana active compounds. 2,354,492; July 25.
Adams, Roger, Urbana, Ill., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Organic compound. 2,341,850; Feb. 15.
Adams, Roger, Urbana, Ill., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Organic compound. 2,341,851; Feb. 15.
Adams, Roger, Urbana, Ill., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. 1,3-diarylisobenzofurans and preparing the same. 2,356,907; Aug. 29.
Adams, Walter F., Seagoville, Tex. Liquid fuel heater. 2,352,065; June 20.
Adams, Walter L., assignor to The Enterprise Manufacturing Company, Akron, Ohio. Fishing reel spool construction. 2,344,665; Mar. 21.
Adamson, William D. (See Milburn, P. W., and Adamson.)
Adas, Thomas L., assignor to Chicago Railway Equipment Company, Chicago, Ill. Tool center. 2,343,626; Mar. 7.
Addicks, Walter E., Wellesley Hills, Mass., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Controller for electric motors. 2,354,787; Aug. 1.
Addressograph-Multigraph Corporation. (See Benes, Gaspar P., assignor.)
Addressograph-Multigraph Corporation. (See Boberg, Charles P., assignor.)
Addressograph-Multigraph Corporation. (See Curtis, Franklin E., assignor.)
Addressograph-Multigraph Corporation. (See Gollwitzer, Walter T., assignor.)
Addressograph-Multigraph Corporation. (See Gruver, John H., assignor.)
Addressograph-Multigraph Corporation. (See Hueber, Carl J., assignor.)

Addressograph-Multigraph Corporation. (See Morse, Lawrence H., assignor.)
Addressograph-Multigraph Corporation. (See Sand, Charles E., Jr., assignor.)
Addressograph-Multigraph Corporation. (See Smith, Clyde, assignor.)
Addressograph-Multigraph Corporation. (See Sullivan, George R., assignor.)
Addressograph-Multigraph Corporation. (See Wescott, William E., assignor.)
Adee, Chester A., et al., trustees. (See Hedlund, Folke G. H., assignor.)
Adel Precision Products Corp. (See Barksdale, Lilburn S., assignor.)
Adel Precision Products Corp. (See Ellinwood, Herman R., assignor.)
Adel Precision Products Corp. (See Issoglio, L. P., and Ellinwood, assignors.)
Adel Precision Products Corp. (See Kelly, John W., assignor.)
Adel Precision Products Corp. (See Morehouse, Eugene M., assignor.)
Adel Precision Products Corp. (See Robertson, Archibald, assignor.)
Adel Precision Products Corp. (See Schmidt, Benjamin F., assignor.)
Adel Precision Products Corp. (See Van Der Werff, Jacob B., assignor.)
Adel Precision Products Corp. (See Webb, Harold E., assignor.)
Adell, John, Orange, Mass. Counter. 2,360,927; Oct. 24.
Adelman, William I., Pittsburgh, Pa. Frame. 2,343,037; Feb. 29.
Adelson, Samuel L. (See Gillard, H. W., and Adelson.)
Adelson, Samuel L. (See Green, Walter H., and Adelson.)
Adhere, Incorporated. (See Dreher, Donald F., assignor.)
Adlake Company, The. (See Larson, Carl H., assignor.)
Adlake Company, The. (See Pressnall, Charles A., assignor.)
Adlake Company, The. (See Verhagen, Christian M., assignor.)
Adlam, Thomas N., West Orange, N. J., assignor to Sarco Company, Inc., New York, N. Y. Thermostatically controlled valve. 2,355,043; Aug. 8.
Adler, Charles, Jr., Baltimore, Md. Signal lamp. Re. 22,497; June 20.
Adler, Charles, Jr., Baltimore, Md. Signal lamp. 2,339,243; Jan. 18.
Adler, Charles, Jr., Baltimore, Md. Aircraft precision flight indicator. 2,353,380; July 11.
Adler, Charles, Jr., Baltimore, Md. Signal. 2,365,038; Dec. 12.
Adler, Charles, Jr., Baltimore, Md. Lamp. 2,365,504; Dec. 19.
Adler, Paul W. (See Buchanan, J D., and Adler.)
Adler, Rudolf, London, England. Recovering phenols from waste waters and apparatus for use in carrying same into effect. 2,343,163; Feb. 29.
Adlington, George S., Winton, Altrincham, England. Prevention of ice accretion. 2,346,891; Apr. 18.
Adolph, Norman W. (See Watt, S. B., and Adolph.)
Adorno, Joseph, Columbus, Ohio. Double-headed motion picture projector supporting means. 2,345,911; Apr. 4.
Adrian, Donald M. (See Adrian, Matthew B., D. M., and R. M.)
Adrian, Matthew B., D. M., and R. M., Milwaukee, Wis. X-ray inspection equipment and method. 2,360,326; Oct. 17.
Adrian, Raymond M. (See Adrian, Matthew B., D. M., and R. M.)
Adt, Dorothy De Witt, executrix. (See Adt, John B.)
Adt, John B., deceased; D. De Witt Adt, executrix, assignor, by mesne assignments, to The John B. Adt Co., Baltimore, Md. Material feeding and vapor removing mechanism for rotary driers. 2,354,567; July 25.
Adt, John B., Co., The. (See Adt, John B., assignor.)
Advance Engineering Company. (See Faulkner, Willard J., assignor.)
Advance Engineering Company. (See Leline, Arnold W., assignor.)
Advance Manufacturing, Incorporated. (See Kirkpatrick, Henry O., assignor.)
Advance Solvents and Chemical Corporation. (See Mack, Gerry, assignor.)
Advance Solvents & Chemical Corporation. (See Mack, Gerry F., assignor.)
Aeldert, August, Duesseldorf, Germany; vested in the Alien Property Custodian. Beating engine. 2,356,585; Aug. 22.
Aelony, David, Dayton, Ohio, assignor to Monsanto Chemical Company. Waterproofing and product produced thereby. 2,342,624; Feb. 29.
Aelony, David, Dayton, Ohio, assignor to Monsanto Chemical Company. Alkyl diamides of aromatic disulphonic acids and products treated therewith. 2,358,273; Sept. 12.
Aeration Processes, Inc. (See Getz, Charles, assignor.)
Aerial Products, Inc. (See Ansalone, Ralph, assignor.)
Aerni, Clarence L., Ferriday, La. Tire guard for straddle trucks. 2,352,464; June 27.
Aero Reclamation. (See Shuman, Moses, assignor.)
Aero Service Corporation. (See Schuch, E. A., and Masino, assignors.)
Aero Supply Mfg. Co. Inc. (See Downey, George T., assignor.)
Aero Zipp Fasteners Limited. (See Meitner, Bela, assignor.)
Aeronautical Manufacturing Corporation. (See Lane, C., J., and Patterson, assignors.)
Aeronav Instrument Company. (See Hokanson, Evert C., assignor.)
Aerovox Corporation. (See Usmann, George J., assignor.)
Aetna-Standard Engineering Company, The. (See Matteson, Elwin A., assignor.)
Aetna-Standard Engineering Company, The. (See Rodder, W., and Kendall, assignors.)
Aex, Paul C., and C. H. Guell, assignors to Eastman Kodak Company, Rochester, N. Y. Making fade-outs by after-treatment. 2,356,439; Aug. 22.
Affel, Herman A., Ridgewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Vibrating relay modulator circuit. 2,366,672; Dec. 26.
Affleck, Gregor S., Pleasant Ridge, Mich. Recovery addition agent and making. 2,362,964; Nov. 21.
Affleck, Theodore K., assignor to Acton Bolt and Fine Threads, Limited, London, England. Thread-rolling tool or appliance. 2,355,132; Aug. 8.
Aga-Baltic Aktiebolag. (See Alexandersson, H. V., and Granqvist, assignors.)
Aga-Baltic Aktiebolag. (See Aulin, Evert, assignor.)
Aga-Baltic Aktiebolag. (See Granqvist, Carl-Erik, assignor.)
Agar, Thomas J., et al. (See Gray, James D. M., assignor.)
Agee, William P., Jr., assignor of one-half to W. G. Boas, Memphis, Tenn. Air conditioning apparatus. 2,361,076; Oct. 24.
Ager, William E., Bristol, Va. Valve. 2,344,913; Mar. 21.
Agicide Laboratories, Inc. (See Ayers, Joseph W., assignor.)
Agius, Frank A., Detroit, Mich. Decoy. 2,342,107; Feb. 22.
Agnew, Charles E., Norristown, Pa. Preparation of return material. 2,343,270; Mar. 7.
Agnew, Norman F. (See Baughman, G. W., and Agnew.)
Agnew, Norman F., Penn Township, Allegheny County, assignor to The Union Switch and Signal Company, Swissvale, Pa. Electrical relay. 2,350,663; June 6.
Agnew, Norman F., Penn Township, Allegheny County, and P. N. Martin, Wilkinsburg, assignors to The Union Switch & Signal Company, Swissvale, Pa. Railway track circuit apparatus. 2,347,533; Apr. 25.
Agre, Courtland L., G. L. Dorough, and W. E. Hanford, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Polyvinyl ketals and their preparation. 2,341,306; Feb. 8.
Agriculture and his successors in office, United States of America as represented by Claude R. Wickard, Secretary of. (See Nudenberg, W., and Buts.)
Agriculture, and his successors in office, United States of America as represented by Claude R. Wickard, Secretary of. (See Sullivan, W. N., and Goodhue, assignors.)
Agriculture, and his successors in office, United States of America as represented by Claude R. Wickard, Secretary of. (See Ventre, E. K., Ambler, Byall, and Henry, assignors.)
Agriculture, and his successors in office, United States of America as represented by Claude R. Wickard, Secretary of. (See Watson, Paul D., assignor.)
Agriculture of the United States, Claude R. Wickard, and his successors in office, as Secretary of. (See Kramer, A. J., assignor.)
Agriculture of the United States of America, and his successors in office, Claude R. Wickard, as Secretary of. (See Asbill, Clarence M., Jr., assignor.)
Agriculture of the United States of America, and his successors in office, Claude R. Wickard, as Secretary of. (See Asbill, C. M., Jr., and Young, assignors.)
Agriculture of the United States of America, and his successors in office, Claude R. Wickard, as Secretary of. (See Bowen, Charles V.)
Agriculture of the United States of America, and his successors in office, Claude R. Wickard, as Secretary of. (See Christie, Albred, assignor.)
Agriculture of the United States of America, and to his successors in office, Claude R. Wickard, as Secretary of. (See Fox, Edward R., assignor.)
Agriculture of the United States of America, and his successors in office, Claude R. Wickard, as Secretary of. (See Gable, George H., assignor.)
Agriculture of the United States of America, and his successors in office, Claude R. Wickard as Secretary of. (See Gertler, S. L., and Haller, assignors.)
Agriculture of the United States of America, and his successors in office, Claude R. Wickard, as Secretary of. (See Goldthwait, Charles F., assignor.)
Agriculture of the United States of America, and his successors in office, Claude R. Wickard, as Secretary of. (See Goldsworth, Marion C., assignor.)
Agriculture of the United States of America, and his successors in office, Claude R. Wickard, as Secretary of. (See Gooden, Ernest L., assignor.)
Agriculture of the United States of America, and his successors in office, Claude R. Wickard, as Secretary of. (See Haller, H. L. J., and Barthel, assignors.)

Agriculture of the United States of America, and his successors in office, Claude R. Wickard, as Secretary of. (See Lyons, William J., assignor.)
Agriculture of the United States of America, and his successors in office, Henry A. Wallace, as Secretary of. (See Loughborough, William K., assignor.)
Agriculture of the United States of America, and his successors in office, Claude R. Wickard as Secretary of. (See Manley, R. H., and Evans, assignors.)
Agriculture of the United States of America, and his successors in office, Claude R. Wickard, Secretary of. (See Mann, Charles W., assignor.)
Agriculture, of the United States of America and his successors in office, Henry A. Wallace, as Secretary of. (See Markwardt, L. J., and Carlson, assignor.)
Agriculture of the United States of America, and his successors in office, Claude R. Wickard, as Secretary of. (See McGovran, E. E., and Goodhue, assignors.)
Agriculture of the United States of America, and his successors in office, Claude R. Wickard, as Secretary of. (See Pellett, James J., assignor.)
Agriculture of the United States of America, and his successors in office, Claude R. Wickard as Secretary of. (See Reed, Jesse O., assignor.)
Agriculture of the United States of America, and his successors in office, Claude R. Wickard, as Secretary of. (See Reitz, Henry C., assignor.)
Agriculture of the United States of America, and his successors in office, Claude R. Wickard, as Secretary of. (See Stamm, Alfred J., and Seborg, assignors.)
Agriculture of the United States of America, and his successors in office, Claude R. Wickard, Secretary of. (See Travis, B. V., and Jones, assignors.)
Agriculture of the United States of America, and his successors in office, Claude R. Wickard, as Secretary of. (See Ventre, E. K., Henry, and Gayle, assignors.)
Agriculture of the United States of America, and his successors in office, Claude R. Wickard, as Secretary of. (See Willaman, J. J., and Hills, assignors.)
Agriculture of the United States of America, and his successors in office, Claude R. Wickard, as Secretary of. (See Willaman, J. J., Mottern, Hills, and Baker, assignors.)
Agriculture of the United States of America, and to his successors in office, Claude R. Wickard, as Secretary of. (See Wells, P. A., and Swern, assignors.)
Agriculture of the United States of America, as represented by Claude R. Wickard, and his successors in office, Secretary of. (See Gertler, S. I., and Haller, assignors.)
Agriculture, of the United States of America, as represented by Claude R. Wickard, and his successors in office, Secretary of. (See Josiel, Lloyd M., assignor.)
Agriculture, of the United States of America, as represented by the Secretary of. (See Shaw, Charles S., assignor.)
Agriculture of the United States of America, C. R. Wickard and his successors in office, Secretary of. (See Smith, Wiley C., assignor.)
Agriculture of the United States of America, Claude R. Wickard, and his successors, Secretary of. (See Carter, R. H., and Goldsworthy, assignors.)
Agriculture of the United States of America, Claude R. Wickard, and to his successors in office, Secretary of. (See Goodhue, L. D., and Haller, assignors.)
Agriculture of the United States of America, Claude R. Wickard, Secretary of, and his successors in office. (See Harmond, Jesse E., assignor.)
Agriculture of the United States of America, Claude R. Wickard, and to his successors in office, Secretary of. (See Latta, R., and Yoemans, assignors.)
Agriculture of the United States of America, Claude R. Wickard, and to his successors in office, Secretary of. (See Manley, R. H., and Evans, assignors.)
Agriculture of the United States of America, Claude R. Wickard, and his successors in office, Secretary of. (See Morris, Steward G., assignor.)
Agriculture of the United States of America, Claude R. Wickard, and his successors in office, Secretary of. (See Moyer, Andrew J., assignor.)
Agriculture of the United States of America, Claude R. Wickard, and his successors in office, Secretary of. (See Rehberg, C. E., and Fisher, assignors.)
Agriculture of the United States of America, Claude R. Wickard, and his successors in office, Secretary of. (See Smith, Claude R., assignor.)
Agriculture of the United States of America, Claude R. Wickard, and his successors in office, Secretary of. (See Stamm, Alfred J., assignor.)
Agriculture of the United States of America, Claude R. Wickard, and his successors in office, Secretary of. (See Stuart, Leander S., assignor.)
Agriculture of the United States of America, Claude R. Wickard, and his successors in office, Secretary of. (See Ward, G. E., Wickerham, Pettijohn, and Lockwood, assignors.)
Agruss, Meyer S. (See Ayers, G. W., Jr., Agruss, and Bell.)
Agruss, Meyer S., Chicago, and H. Schindler, Evanston, assignors to The Pure Oil Company, Chicago, Ill. Process and reagent for demulsifying oils. 2,365,852; Dec. 26.
Agruss, Meyer S., Chicago, and H. Schindler, Evanston, assignors to The Pure Oil Company, Chicago, Ill. Breaking of crude oil emulsions. 2,365,853; Dec. 26.
Aguhe, Carl A., Zurich, assignor to the firm J. R. Geigy A. G., Basel, Switzerland. Composition to be used as a binder in road construction and its manufacture. 2,350,977; June 13.
Aguiar, Antonio S., et al. (See Medeiros, Frank P., assignor.)
Ahlquist, Eugene F., Minneapolis, assignor to Quality Park Envelope Company, St. Paul, Minn. Envelope clasp. 2,349,127; May 26.
Ahlqvist, David E. (See Munters, C. G., and Ahlqvist.)
Ahlstrand, David A. (See Gillet, W., Morris, and Ahlstrand.)
Ahlstrom, Edward F., Kansas City, Mo., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Gauging instrument. 2,364,182; Dec. 5.
Ahnert, Max, Aschersleben, Germany; vested in the Alien Property Custodian. Grinding machine. 2,350,710; June 6.
Aicher, John O., Cleveland Heights, Ohio, assignor to General Electric Company. Cathode for discharge tubes. 2,353,635; July 18.
Aicher, Margaret J. (See Troensegaard, G., and Aicher.)
Aigner, William J., and A. J. Schueneman, Waukegan, Ill. License plate holder. 2,350,993; June 13.
Aiken, Frank W., assignor of one-half to J. E. Koester, Moberly, Mo. Expanding land anchor. 2,340,447; Feb. 1.
Aiken, Thomas McG., Pittsburgh, Pa. Camera diaphragm. 2,340,573; Feb. 1.
Aiken, Thomas M., Pittsburgh, Pa. Camera. 2,344,382; Mar. 14.
Aiken, Thomas McG., Pittsburgh, Pa. Camera. 2,348,510; May 9.
Aiken, Thomas McG., Pittsburgh, Pa. Camera. 2,354,168; July 18.
Aiken, William H., Richmond, Va. Apparatus for removing dents. 2,345,443; Mar. 28.
Aikman, Burton S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Hoist control mechanism. 2,352,241; June 27.
Ailes, Curtis, Jr., Schenectady, N. Y., assignor to General Electric Company. Mounting device. 2,365,989; Dec. 26.
Aiman, Rolland B., Pendleton, Ind. Adjustable multiple spindle drill head. 2,349,240; May 23.
Ainslie, Kenneth O., Welwyn Garden City, and H. F. Wedge, Knebworth, England. Pump for delivering measured volumes of liquid under pressure. 2,360,093; Oct. 10.
Ainsworth, Chester D. (See Pinkham, H. P., and Ainsworth.)
Ainsworth, George, New Hyde Park, N. Y. Lighting device. 2,346,717; Apr. 18.
Ainsworth Manufacturing Company. (See Enberg, Stone R., assignor.)
Ainsworth Manufacturing Corporation. (See Potter, Albert T., assignor.)
Air Control Products, Inc. (See Leigh, Robert L., assignor.)
Aircooled Motors Corporation. (See Loetterle, Frederick J., assignor.)
Aircraft & Diesel Equipment Corporation. (See Garday, Louis J., assignor.)
Aircraft-Marine Products, Inc. (See Carlson, Vernon E., assignor.)
Aircraft-Marine Products, Inc. (See Johnson, James O., assignor.)
Aircraft Screw Products Company. (See Caminez, Harold, assignor.)
Aircraft Screw Products Company. (See Haas, Otto, assignor.)
Aircraft Screw Products Company. (See Haas, O., and Hawkins, assignors.)
Air Devices, Inc. (See O'Day, Cortland N., assignor.)
Air-Maze Corporation. (See Walton, George M., assignor.)
Airoast Corporation. (See Goldfine, Wesley R., assignor.)
Air Preheater Corporation, The. (See Holm, S., and Keough, assignors.)
Air Preheater Corporation, The. (See Karlsson, Per H., assignor.)
Air Preheater Corporation, The. (See Karlsson, P. H., and Lundstrom, assignors.)
Air Preheater Corporation, The. (See Karlsson, P. H., and Sengstaken, assignors.)
Air Preheater Corporation, The. (See Karlsson, P. H., and Yerrick, assignors.)
Air Preheater Corporation, The. (See Lundstrom, Ernest A., assignor.)
Air Preheater Corporation, The. (See Waitkus, Joseph, assignor.)
Air Preheater Corporation, The. (See Yerrick, W. D., Holm, and Jensen, assignors.)
Air Reduction Company. (See Anderson, James L., assignor.)
Air Reduction Company. (See Connell, Karl, assignor.)
Air Reduction Company. (See Crowe, John J., assignor.)
Air Reduction Company, Inc. (See Deming, George M., assignor.)
Air Reduction Company. (See Dennis, Wolcott, assignor.)

Air Reduction Company. (See Hughey, Howard G., assignor.)
Air Reduction Company. (See Miller, Hoke S., assignor.)
Air Reduction Company. (See Smith, Oris J., assignor.)
Air Reduction Company. (See Sylvester, Walter G., assignor.)
Air Reduction Company. (See Tyrner, Joseph M., assignor.)
Airtress Corporation of America. (See Perry, George H., assignor.)
Air-Way Electric Appliance Corporation. (See Burmeister, F. H., and Flatz, assignors.)
Air-Way Electric Appliance Corporation. (See Dow, Dewey M., assignor.)
Airway Electric Appliance Corporation. (See Dow, D. M., and Burmeister, assignors.)
Air-Way Electric Appliance Corporation. (See Nuffer, J. H., and Latta, assignors.)
Aitcheson, Thomas G., Kenmore, assignor to Spencer Lens Company, Buffalo, N. Y. Securing optical elements. 2,364,768; Dec. 12.
Ajax Engineering Corporation. (See Tama, Manuel, assignor.)
Ajax Engineering Corporation. (See Tama, Mario, assignor.)
Ajax Manufacturing Company, The. (See Criley, William W., assignor.)
Ajdukovich, George, St. Louis, Mo. Hernial truss. 2,354,494; July 25.
Aker, Evender S., Belleville, N. J. Shaft journaling means. 2,349,274; May 9.
Aker, Evender S., Belleville, N. J. Shaft journal. 2,348,275; May 9.
Akers, Herbert S., and J. O. Humphries, Woodcliffe Lake, N. J. X-ray apparatus. 2,339,902; Jan. 25.
Akers, John M., Charleston, W. Va. Can punching device. 2,349,128; May 16.
Akin, Clarence C., assignor to J. D. Akin, Seminole, Okla. Tire pressure indicator. 2,353,428; July 11.
Akin, Hughlon, Sr., Jackson, Tenn. Sectional bolt. 2,355,498; Aug. 8.
Akin, J. D. (See Akin, Clarence C., assignor.)
Aklin, George H., assignor to Eastman Kodak Company, Rochester, N. Y. Lens. 2,338,614; Jan. 4.
Aklin, George H., assignor to Eastman Kodak Company, Rochester, N. Y. Lens. 2,343,627; Mar. 7.
Akron Standard Mold Company. (See Carter, William J., assignor.)
Akron Standard Mold Company, The. (See Kastner, Edward C., assignor.)
Akron Standard Mold Company, The. (See Schnedarek, Emil F., assignor.)
Aktiebolaget Asea Svetsmackiner. (See Anderson, B., and Wängjö, assignors.)
Aktiebolaget Bolinder-Munktell. (See Ljungström, Fredrik, assignor.)
Aktiebolaget Elektrolux. (See Karlström, Fredrik J. R., assignor.)
Aktiebolaget Formator. (See Granstedt, Karl E., assignor.)
Aktiebolaget Gerh, Arehns Mekaniska Verkstad. (See Johnson, B., and Fenwick, assignors.)
Aktiebolaget Götaverken. (See Olsson, J., and Stålblad, assignors.)
Aktiebolaget Kamyr. (See Branzell, A. E., Glöersen, and Richter, assignors.)
Aktiebolaget Rosenblads Patenter. (See Hermelin, Carl M. A., assignor.)
Aktiebolaget Rosenblads Patenter. (See Rosenblad, Curt F., assignor.)
Aktiebolaget Separator. (See Edvarsson, Johan E. H., assignor.)
Aktiebolaget Separator-Nobel. (See Engel, Bruno, assignor.)
Aktiengesellschaft Brown, Boveri & Cie. (See Beldi, Fritz, assignor.)
Aktiengesellschaft Brown, Boveri & Cie. (See Meldahl, Axel, assignor.)
Aktiengesellschaft Brown, Boveri & Cie. (See Meyerhans, A., and Hartmann, assignors.)
Aktiengesellschaft Brown, Boveri & Cie. (See Thommen, Hans, assignor.)
Aktiengesellschaft Brown, Boveri & Cie. (See Thommen, H., Haim, and Brühlmann, assignors.)
Aktiengesellschaft Brown, Boveri & Cie. (See Zweifel, Otto, assignor.)
Aktiengesellschaft fuer Technische Studien. (See Salzmann, Fritz, assignor.)
Aktiengesellschaft fuer Technische Studien. (See Wiederkehr, Robert, assignor.)
Aladdin Radio Industries, Incorporated. (See Crossley, Alfred, assignor.)
Alaska Packers Association. (See Butler, Frederick W., assignor.)
Albach, Frank. (See Stafford, G. T., and Albach.)
Albach, Frank, and G. R. Chervenka, assignors to Fred Medart Manufacturing Company, St. Louis, Mo. Basketball goal. 2,363,634; Nov. 28.
Alban, Laura Bel W., Pontiac, Mich. Diaper. 2,347,867; May 2.
Albaugh, Ellis, Sr., San Antonio, Tex. Device for separating worms and larvae from nut meats. 2,350,332; June 6.
Albaugh, Maurice, Quincy, Ohio. Chimney coping. 2,365,854; Dec. 26.
Albemarle Paper Manufacturing Company, The. (See Gottwald, Floyd D., assignor.)
Alben, Frank L., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Vehicle drive. 2,365,505; Dec. 19.
Alben, Frank L., and B. F. Langer, Pittsburgh, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Railway vehicle truck. 2,349,601; May 23.
Albers, John R., assignor to Wincharger Corporation, Sioux City, Iowa. Field control for wind driven generators. 2,339,749; Jan. 25.
Albers, John R., assignor to Wincharger Corporation, Sioux City, Iowa. Wind-driven power system. 2,358,781; Sept. 26.
Albers, John R., assignor to Wincharger Corporation, Sioux City, Iowa. Dually pivoted wind driven power plant. 2,363,827; Nov. 28.
Albert, Arthur A., Chicago, Ill. Showcase. 2,355,839; Aug. 15.
Albert, George, New York, N. Y. Knitting picker and frame. 2,347,069; Apr. 18.
Albert, Joseph, Brooklyn, and A. Ginsburg, New York, N. Y. Shock absorber for parachute jumpers. 2,345,085; Mar. 28.
Albert Kircher Company, The. (See Wagner, Harold H., assignor.)
Albert, Robert L., Arlington, Va. Safety razor. 2,361,921; Nov. 7.
Albert, Samuel. (See Eriksen, Paul, assignor.)
Albert, Walter P., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Dialing system. 2,349,129; May 16.
Albertoll, John, San Francisco, Calif. Box loader for cans. 2,345,560; Apr. 4.
Albertson, Lawrence E., assignor to The McKays Company, St. Paul, Minn. Feeder. 2,362,607; Nov. 14.
Albertson, Lawrence E., St. Paul, and H. M. Mueller, Minneapolis, assignors to The McKays Company, St. Paul, Minn. Feeder. 2,362,606; Nov. 14.
Albertson, Maurice M., Houston, Tex., assignor to Shell Development Company, San Francisco, Calif. Radiological method of surveying wells. 2,339,129; Jan. 11.
Albertson, Maurice M., Houston, Tex., assignor to Shell Development Company, San Francisco, Calif. Radiological method of logging wells. 2,352,993; July 4.
Albertson, Victor N., Minneapolis, Minn. Auto parts washer. 2,352,356; June 27.
Alberty, Fred J. (See Drake, E. P., Alberty, and Kagley.)
Albin, Frederick G., Los Angeles, Calif., assignor to Radio Corporation of America. Sound recording system. 2,354,295; July 25.
Albin, Frederick G., Los Angeles, assignor to Radio Corporation of America. Feedback method and system for electromechanical devices. 2,357,623; Sept. 5.
Albin, Jeremiah W., Babylon, N. Y. Threaded attachment. 2,339,130; Jan. 11.
Albrecht, Gilmon F., Madison, Wis. Bottle disposal rack. 2,361,077; Oct. 24.
Albrecht, Otto. (See Graenacher, C., Sallmann, and Albrecht.)
Albrecht, Otto. (See Graenacher, C., Sallmann, Albrecht, and Frei.)
Albright, Charles L. (See Kulberg, A. E., and Albright.)
Albright, Raymond W., assignor to American Anode Inc., Akron, Ohio. Method and apparatus for manufacturing articles from liquid coating compositions. 2,361,583; Oct. 31.
Albumatic Company. (See Hart, Joseph J.)
Alco-Gravure Division of Publication Corporation. (See Behringer, Alfred, assignor.)
Alco-Gravure Division of Publication Corporation. (See MacKay, Robert, assignor.)
Alcorn Combustion Company. (See Praeger, Frank H., assignor.)
Alcorn, Joseph, Seminole, Okla. Silencing means for valve structures. 2,363,220; Nov. 21.
Alcorn, Robert L., Jr., assignor to Chambersburg Engineering Company, Chambersburg, Pa. Hydraulically operated drop hammer. 2,345,563; Apr. 4.
Alday, Harvey M., Springfield, Mo. Mouse trap. 2,342,444; Feb. 22.
Alden, Herbert W., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Steering drive axle. 2,362,456; Nov. 14.
Alden, Herbert W., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Steering drive axle. 2,362,978; Nov. 21.
Alden, Herbert W., Detroit, Mich., and B. W. Keese, Oshkosh, Wis., assignors to The Timken-Detroit Axle Company, Detroit, Mich. Drive axle. 2,351,590; June 20.
Alden, Milton, Brockton, Mass. Machine and method for assembling electric wire terminals. 2,340,360; Feb. 1.
Alden, Milton, Brockton, Mass. Electric connector. 2,353,628; July 18.
Alder, Kurt, and H.-F. Rickert, Cologne, Germany; vested in the Alien Property Custodian. Condensation product. 2,351,311; June 13.
Alder, Kurt, and E. Windemuth, Cologne, Germany; vested in the Alien Property Custodian. Condensation products. 2,352,606; July 4.

Alderfer, Sterling W., assignor of one-half to E. D. Andrews, Akron, Ohio. Waterproof elastic thread and fabric. 2,342,098; Feb. 22.
Alderfer, Sterling W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Making elastic novelty yarn. 2,354,449; July 25.
Alderfer, Sterling W., assignor of one-half to E. D. Andrews, Akron, Ohio. Loom. 2,356,964; Aug. 29.
Alderfer, Sterling W., assignor of one-half to E. D. Andrews, Akron, Ohio. Making thread. 2,363,457; Nov. 21.
Alderfer, Sterling W., assignor of one-half to E. D. Andrews, Akron, Ohio. Pressure tank. 2,366,140; Dec. 26.
Alderfer, Sterling W., assignor of one-half to E. D. Andrews, Akron, Ohio. Making pressure containers. 2,366,141; Dec. 26.
Alderman, Van Vernon, Arden, and W. E. Hanford, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Ethylenesulphonyl polymer. 2,348,705; May 16.
Alderson, Witty L., Jr. assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Alpha-primary amino carboxylic acids. 2,346,547; Apr. 11.
Aldis, Arthur C. W., assignor to Aldis Brothers Limited, Sparkhill, Birmingham, England. Signaling lamp. 2,359,187; Sept. 26.
Aldis, Arthur C. W., assignor to Aldis Brothers Limited, Sparkhill, Birmingham, England. Signaling apparatus. 2,363,333; Nov. 7.
Aldis, Arthur C. W., assignor to Aldis Brothers Limited, Sparkhill, Birmingham, England. Signaling lamp. 2,363,566; Nov. 28.
Aldis Brothers Limited. (See Aldis, Arthur C. W., assignor.)
Aldrich, Leo S., Wellsburg, assignor to American-La France-Foamite Corporation, Elmira, N. Y. Turn valve. 2,346,892; Apr. 18.
Aldrich, Loyd L., Wyoming, Ill. Fuel preheater. 2,353,693; Aug. 15.
Aldrich, Wilfred O., Lakewood, Ohio, assignor to The American Steel & Wire Company of New Jersey. Continuous type payoff reel. 2,349,689; May 23.
Aler, Richard P., Baltimore, Md. Automatic pen filler and cleaner. 2,354,288; July 25.
Ales, Paul, Chicago, and E. C. Robertson, Steger, Ill. Garden rake. 2,355,840; Aug. 15.
Alessandri, Allessandro, Milan, Italy; vested in the Alien Property Custodian. Magnetic flux distributor. 2,341,171; Feb. 8.
Alex, Anastasius G. (See Sargent, E. H., and Alex.)
Alexander, Charles B., Melbourne, Victoria, Australia. Combination mathematical instrument. 2,352,169; June 27.
Alexander, Claude H., Cuyahoga Falls, and F. K. Schoenfeld, Silver Lake, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Polymerization of vinyl compounds. 2,365,506; Dec. 19.
Alexander, Donald B., et al., trustees. (See Schmitt, Arthur J., assignor.)
Alexander, Donald F., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,339,903; Jan. 25.
Alexander, Donald F., Oakwood, and J. R. Hornaday and A. J. Kuhn, assignors to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,355,040; Aug. 8.
Alexander, Emmett L., and A. W. Braithwaite, assignors to The George E. Failing Supply Company, Enid, Okla. Drilling rig. 2,343,517; Mar. 7.
Alexander, Emmett L., and A. W. Braithwaite, assignors to The George E. Failing Supply Company, Enid, Okla. Shoring for portable drilling rigs. 2,344,383; Mar. 14.
Alexander, Eugene L., et al. (See Rose, S. P., and Somervell, assignors.)
Alexander, Harvey B., Kenvil, N. J., and C. H. Cordie, assignors to Hercules Powder Company, Wilmington, Del. Packaging electric blasting caps. 2,352,998; July 4.
Alexander, Horace W., assignor to American Sterilizer Company, Erie, Pa. Apparatus for germicidal treatment of air-borne bacteria. 2,350,664; June 6.
Alexander, Horace W., assignor to American Sterilizer Company, Erie, Pa. Germicidal treatment of air-borne bacteria. 2,350,665; June 6.
Alexander, Peter P., Marblehead, Mass. Coating metal articles. 2,351,798; June 20.
Alexander, Ralph P., Slater, S. C. Device for stacking cases or the like. 2,352,879; July 4.
Alexander, Stewart F., U. S. Army. Eyeglasses. 2,365,163; Dec. 19.
Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to General Electric Company. Control circuit for electric valve apparatus. 2,343,628; Mar. 7.
Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to General Electric Company. Electric valve translating system. 2,357,067; Aug. 29.
Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to General Electric Company. Electric ship propulsion system. 2,357,087; Aug. 29.
Alexanderson, Howard, Wood-Ridge, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Internal-combustion engine control. 2,358,845; Sept. 26.
Alexandersson, Harald V., Lidingo, and C.-E. Granqvist, assignors to Aga-Baltic Aktiebolag, Stockholm, Sweden. Micrometer. 2,349,838; May 30.
Alexandrescu, Alexander M., Cleveland, Ohio. Expansion controlling piston construction. 2,352,592; July 4.
Alfery, Henry F., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Lighter for gas burners. 2,340,167; Jan. 25.
Alfery, Henry F., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Combined safety switch and limit control. 2,350,976; June 13.
Alford, Andrew J., McComb, Miss. Mechanical sign apparatus. 2,348,276; May 9.
Alford, Joseph S., Nahant, Mass., assignor to General Electric Company. Aircraft turbine. 2,365,990; Dec. 26.
Alford, Reuel S., and R. C. Edson, West Orange, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Cross-talk improvement. 2,361,523; Oct. 31.
Alframine Corporation. (See Mauersberger, Ernst A., assignor.)
Alfreds, Torris H. (See Wood, G. D., and Alfreds.)
Alfreds, Torris H., Park Ridge, Ill., assignor to Posture Research Corporation, Elkhart, Ind. Chair base. 2,342,323; Feb. 22.
Alger, Martin L., Easton, assignor to C. S. Pierce Company, Brockton, Mass. Shoe tree. 2,359,598; Oct. 3.
Algin Corporation of America. (See Le Gloahec, Victor C. E., assignor.)
Alien Property Custodian. (See Aasted, Kai C. S.)
Alien Property Custodian. (See Aeldert, August.)
Alien Property Custodian. (See Ahnert, Max.)
Alien Property Custodian. (See Alder, K., and Rickert.)
Alien Property Custodian. (See Alder, K., and Windemuth.)
Alien Property Custodian. (See Alessandri, Allessandro.)
Alien Property Custodian. (See Allard, Pierre J. T.)
Alien Property Custodian. (See Allerding, Alfred.)
Alien Property Custodian. (See Altenkirch, Edmund.)
Alien Property Custodian. (See Anderson, G. L., and Ryan.)
Alien Property Custodian. (See Andreau, Jean E.)
Alien Property Custodian. (See Anschütz, Robert.)
Alien Property Custodian. (See Anschütz, R., and Gröschel.)
Alien Property Custodian. (See Anschütz, R., and Merz.)
Alien Property Custodian. (See Anschütz, R., and Schmidt.)
Alien Property Custodian. (See Antonelli, Leonida.)
Alien Property Custodian. (See Anzionnaz, René, and Imbert.)
Alien Property Custodian. (See Appel, Hans.)
Alien Property Custodian. (See Arimori, T., Konishi, Ishibashi, and Yoshimura.)
Alien Property Custodian. (See Aron, J., and Lamm.)
Alien Property Custodian. (See Asahina, Haruyo.)
Alien Property Custodian. (See Aurich, Paul H.)
Alien Property Custodian. (See Aurig, Max.)
Alien Property Custodian. (See Avenhaus, Wilhelm.)
Alien Property Custodian. (See Bähring, Herbert.)
Alien Property Custodian. (See Banning, Helmuth.)
Alien Property Custodian. (See Barényi, Béla.)
Alien Property Custodian. (See Bargeboer, Adolf.)
Alien Property Custodian. (See Barties, Wilhelm.)
Alien Property Custodian. (See Barthelemy, Rene.)
Alien Property Custodian. (See Basler, Hermann.)
Alien Property Custodian. (See Bauer, W., and Gotz.)
Alien Property Custodian. (See Baumgärtner, Wilhelm.)
Alien Property Custodian. (See Baumheier, Erich.)
Alien Property Custodian. (See Bechmann, R., Kundt, and Bremer.)
Alien Property Custodian. (See Becker, Carlheinz.)
Alien Property Custodian. (See Becker, O. W., and Braun.)
Alien Property Custodian. (See Beduneau, Emile F. L.)
Alien Property Custodian. (See Beer, P.-F., and Anneberg.)
Alien Property Custodian. (See Beldimano, Alessandro.)
Alien Property Custodian. (See Berg H., and Mader.)
Alien Property Custodian. (See Berger, Susannah, née Keresztes.)
Alien Property Custodian. (See Berghaus, B., and Burkhardt.)
Alien Property Custodian. (See Bergtold, Fritz.)
Alien Property Custodian. (See Berlek, Josef.)
Alien Property Custodian. (See Bernat, Henri.)
Alien Property Custodian. (See Bernhardt, E. O., and Bischoff.)
Alien Property Custodian. (See Bessire, Jean J.)
Alien Property Custodian. (See Bestian, Herbert.)
Alien Property Custodian. (See Bestian, H., and Bock.)
Alien Property Custodian. (See Bezborodko, D., and Zucker.)
Alien Property Custodian. (See Bibolini, Aldo.)
Alien Property Custodian. (See Biefeld, Karl.)
Alien Property Custodian. (See Bikkers, Alexander.)
Alien Property Custodian. (See Binder, Eugen.)
Alien Property Custodian. (See Bock, Eugen.)
Alien Property Custodian. (See Boeke, Jan.)
Alien Property Custodian. (See Boerner, Rudolf.)
Alien Property Custodian. (See Boinot, Firmin C.)
Alien Property Custodian. (See Bölkow, Ludwig.)
Alien Property Custodian. (See Bollée, P. and M.)

Alien Property Custodian. (See Bonfiglioli, Enrico.)
Alien Property Custodian. (See Bonnier, Claude E.)
Alien Property Custodian. (See Born, Woldermar.)
Alien Property Custodian. (See Bornemann, F., and Huber.)
Alien Property Custodian. (See Bornemann, Otto.)
Alien Property Custodian. (See Borracci, Pasquale.)
Alien Property Custodian. (See Boucher, Jacques.)
Alien Property Custodian. (See Boulogne, B. and A. P.)
Alien Property Custodian. (See Brandt, Richard.)
Alien Property Custodian. (See Braun, Richard.)
Alien Property Custodian. (See Bredtschneider, Walter.)
Alien Property Custodian. (See Bretagne, Robert H. L.)
Alien Property Custodian. (See Bretlwieser, Heinrich.)
Alien Property Custodian. (See Bretschneider, H., Fodor, and Földi.)
Alien Property Custodian. (See Brissonnet, P., and Durand.)
Alien Property Custodian. (See Brizay, Emile A.)
Alien Property Custodian. (See Brun, Oscar C.)
Alien Property Custodian. (See Buchhart, Josef.)
Alien Property Custodian. (See Burkhardt, M., Czapp and Jedele.)
Alien Property Custodian. (See Büttner, Hugo.)
Alien Property Custodian. (See Callsen, Albert.)
Alien Property Custodian. (See Calisen, A., and Weiss.)
Alien Property Custodian. (See Carnauh, Boruk.)
Alien Property Custodian. (See Cataiani, Guisto.)
Alien Property Custodian. (See Chitl, Aroldo.)
Alien Property Custodian. (See Chomette, A., and Thiollet.)
Alien Property Custodian. (See Christensen, Henry M.)
Alien Property Custodian. (See Christiansen, Aage.)
Alien Property Custodian. (See Chwala, August.)
Alien Property Custodian. (See Cito, Camillo.)
Alien Property Custodian. (See Claude, André.)
Alien Property Custodian. (See Claudin, Jean.)
Alien Property Custodian. (See Clavean, Emile.)
Alien Property Custodian. (See Coeterier, Frederik.)
Alien Property Custodian. (See Coiffu, Pierre.)
Alien Property Custodian. (See Conradty, Ottmar.)
Alien Property Custodian. (See Conradty, O., and Zöllner.)
Alien Property Custodian. (See Corset, Lucien A. M.)
Alien Property Custodian. (See Couselle, Jacques.)
Alien Property Custodian. (See Couturier, Alfred L.)
Alien Property Custodian. (See Cramwinckel, A., and Dippel.)
Alien Property Custodian. (See Cramwinckel, A., and van Weenen.)
Alien Property Custodian. (See Crouet, Marcel F.)
Alien Property Custodian. (See Cyron K., and Wessel.)
Alien Property Custodian. (See Dahl, Joseph.)
Alien Property Custodian. (See Dillenbach, Walter.)
Alien Property Custodian. (See Dallos, György L.)
Alien Property Custodian. (See Daniel, Karl.)
Alien Property Custodian. (See Dannöhl, W., and Neumann.)
Alien Property Custodian. (See Dardelet, Robert L.)
Alien Property Custodian. (See Dausinger, Franz.)
Alien Property Custodian. (See Davidsohn, Hilde.)
Alien Property Custodian. (See de Boer, K., and Schouten.)
Alien Property Custodian. (See Deckel, H. C., Maurer, and Stümmer.)
Alien Property Custodian. (See de Falco, Mario.)
Alien Property Custodian. (See de Fligué, Wladimir.)
Alien Property Custodian. (See de France, Henri.)
Alien Property Custodian. (See de Giacomoni, Paul M. J. S.)
Alien Property Custodian. (See de Gier, Johannes.)
Alien Property Custodian. (See de Hertelendy, Andor.)
Alien Property Custodian. (See de Kadt, Louis.)
Alien Property Custodian. (See de Király, P., and Kucher.)
Alien Property Custodian. (See de Kramolin, Ladislas.)
Alien Property Custodian. (See de Lange, C., and Boucher.)
Alien Property Custodian. (See de Lassus Saint Genies, Anne H. J.)
Alien Property Custodian. (See del Prato, Cesare.)
Alien Property Custodian. (See de Ram, Georges H. E.)
Alien Property Custodian. (See Descourtis, Paul.)
Alien Property Custodian. (See Deserno, Peter.)
Alien Property Custodian. (See De Smet, P., and Mees.)
Alien Property Custodian. (See Deuring, Fritz R.)
Alien Property Custodian. (See Dewandre, Albert.)
Alien Property Custodian. (See Dewoitine, Emile J. E.)
Alien Property Custodian. (See Dichter, Jakob.)
Alien Property Custodian. (See Diemer, Anton.)
Alien Property Custodian. (See Dietrich, Friedrich R.)
Alien Property Custodian. (See Dietrich, Herbert.)
Alien Property Custodian. (See Dietrich, Paul.)
Alien Property Custodian. (See Dittrich, Walter H.)
Alien Property Custodian. (See Dijksterhuis, Pieter H.)
Alien Property Custodian. (See Dobrosavljevitch, Slobodan M.)
Alien Property Custodian. (See Donner, Friedrich O.)
Alien Property Custodian. (See Dorn, W., and Munk.)
Alien Property Custodian. (See Dorpier, Claude.)
Alien Property Custodian. (See Dornig, Mario.)
Alien Property Custodian. (See Dorsman, C., Reynst, and Veldhuisen.)
Alien Property Custodian. (See Douma, Tjiske.)
Alien Property Custodian. (See Dreher, Emil.)
Alien Property Custodian. (See Dremker, Josef.)
Alien Property Custodian. (See Dreyfus, Georges.)
Alien Property Custodian. (See Drossbach, O., Hopff, and Huttner.)
Alien Property Custodian. (See Dumarest, François, assignor.)
Alien Property Custodian. (See Dumont, Eugen.)
Alien Property Custodian. (See Dupuis, Jules.)
Alien Property Custodian. (See Durand, Marcel P.)
Alien Property Custodian. (See Dürr, Friedrich.)
Alien Property Custodian. (See Dybberg, Carl.)
Alien Property Custodian. (See Dyckerhoff, W., and Wittekindt.)
Alien Property Custodian. (See Ebbers, M., Helbig and Mewes.)
Alien Property Custodian. (See Eichhorn, Carl E.)
Alien Property Custodian, The. (See Eichler, Ulrich.)
Alien Property Custodian. (See Eirich, Ludwig.)
Alien Property Custodian. (See Endres, Günther.)
Alien Property Custodian. (See Endres, Rudolf.)
Alien Property Custodian. (See Engler, Otto.)
Alien Property Custodian, The. (See Eppenstein, Otto M. L.)
Alien Property Custodian. (See Erbe, Arno.)
Alien Property Custodian. (See Esser, W., Kahlisch, and Reiners.)
Alien Property Custodian. (See Fabritz, Carl.)
Alien Property Custodian. (See Falasconi, Alberto.)
Alien Property Custodian. (See Fernier, Bernard M. H. P.)
Alien Property Custodian. (See Ferré, Ferdinando.)
Alien Property Custodian. (See Ferretti, Antonio.)
Alien Property Custodian. (See Fiedler, Fritz.)
Alien Property Custodian. (See Fikentscher, Hans.)
Alien Property Custodian. (See Fink, H., and Hofstadt.)
Alien Property Custodian. (See Finzi Contini, Renato.)
Alien Property Custodian. (See Fischel, M., and Rieper.)
Alien Property Custodian. (See Fischer, Karl.)
Alien Property Custodian. (See Fischer, Oswald.)
Alien Property Custodian. (See Flämig, Fritz.)
Alien Property Custodian. (See Focke, Henrich.)
Alien Property Custodian. (See Földi, Zoltán.)
Alien Property Custodian. (See Fonck, René.)
Alien Property Custodian. (See Formhals, Anton.)
Alien Property Custodian. (See Frank, Karl.)
Alien Property Custodian. (See Franz, K., and Decher.)
Alien Property Custodian. (See Frank, Erhart.)
Alien Property Custodian. (See Frasch, Jean.)
Alien Property Custodian. (See Fredericks, Georg G.)
Alien Property Custodian. (See Free, G., and v. Fuener.)
Alien Property Custodian. (See Free, G., v. Fuener, and Goehre.)
Alien Property Custodian. (See Freitag, Reinhold.)
Alien Property Custodian. (See Freitag, R., and Stoeckicht.)
Alien Property Custodian. (See Frejacques, Jean L. M.)
Alien Property Custodian, The. (See Friedrichsen, Wilhelm.)
Alien Property Custodian. (See Fries, Gustav.)
Alien Property Custodian. (See Fris, Adolf.)
Alien Property Custodian. (See Fründt, H. J., and Schönfeld.)
Alien Property Custodian. (See Fuchs, Rudolf.)
Alien Property Custodian. (See Fürst, Stefan.)
Alien Property Custodian. (See Fuscaldo, Ottavio.)
Alien Property Custodian. (See Gäbler, Johannes.)
Alien Property Custodian. (See Gamet, Pierre P.)
Alien Property Custodian. (See Gareis, Fritz.)
Alien Property Custodian. (See Gartner, R., and Koch.)
Alien Property Custodian. (See Gauthier, Gaston.)
Alien Property Custodian. (See Gente, Ernst.)
Alien Property Custodian. (See Gerenday, Miska.)
Alien Property Custodian. (See Gerhard, Ernst.)
Alien Property Custodian. (See Gernow, Aage.)
Alien Property Custodian. (See Gerstenberger, Albin.)
Alien Property Custodian. (See Geyer, Walter.)
Alien Property Custodian. (See Geyger, Wilhelm.)
Alien Property Custodian. (See Gfeller, Ernst.)
Alien Property Custodian. (See Giardini, Virgilio.)
Alien Property Custodian. (See Gieffers, Friedrich.)
Alien Property Custodian. (See Gilloy, Franz.)
Alien Property Custodian. (See Gleissner, Walter.)
Alien Property Custodian. (See Gliubich, Carlo.)
Alien Property Custodian. (See Golot, Jean R.)
Alien Property Custodian. (See Gonon, Paul J. J.)
Alien Property Custodian. (See Görisch, Rolf.)
Alien Property Custodian. (See Götzinger, Karl.)
Alien Property Custodian. (See Goudsmit, Johan L.)
Alien Property Custodian. (See Goy, Herbert.)
Alien Property Custodian. (See Grabec, Josef.)
Alien Property Custodian. (See Grabec, Josef A.)
Alien Property Custodian. (See Graf, Anton.)
Alien Property Custodian. (See Grandel, Felix.)
Alien Property Custodian. (See Gratzmüller, Jean L.)
Alien Property Custodian. (See Graumann, E., and Zetzsche.)
Alien Property Custodian. (See Grivetto, Michele.)
Alien Property Custodian. (See Grobe, Hubert.)
Alien Property Custodian. (See Gründel, František.)
Alien Property Custodian. (See Grundmann, Christoph.)
Alien Property Custodian. (See Guareschi, Pietro.)

Alien Property Custodian. (See Guerci, Giovanni.)
Alien Property Custodian. (See Guggemos, H., and Treiba.)
Alien Property Custodian. (See Guichard, Raymond A. E.)
Alien Property Custodian. (See Guinot, Henri M.)
Alien Property Custodian. (See Gumlich, W., and Ecker.)
Alien Property Custodian. (See Guter, A., and Maier.)
Alien Property Custodian. (See Guyard, Leon J. B.)
Alien Property Custodian. (See Haack, Erich.)
Alien Property Custodian. (See Haag, Johannes.)
Alien Property Custodian. (See Habraschka, Bernhard.)
Alien Property Custodian. (See Haftner, Felix, and Sommer.)
Alien Property Custodian. (See Hafner, Raoul.)
Alien Property Custodian. (See Hagedorn, Gerhard.)
Alien Property Custodian. (See Hagedorn, G., Luxer, and Wahl.)
Alien Property Custodian. (See Hagedorn, Max.)
Alien Property Custodian. (See Hagedorn, M., and Schmitz-Hillebrecht.)
Alien Property Custodian. (See Hagerup-Larssen, Georg.)
Alien Property Custodian. (See Halbig, P., Matthias, and Treiba.)
Alien Property Custodian. (See Hannôt, Gommaris F.)
Alien Property Custodian. (See Hansen, Gerhard.)
Alien Property Custodian. (See Harms, Viggo.)
Alien Property Custodian. (See Haseloff, J., and Wessel.)
Alien Property Custodian. (See Haubroe, Werner C. L.)
Alien Property Custodian. (See Haupt, Wilhelm.)
Alien Property Custodian. (See Hecht, O., and Gassenmeier.)
Alien Property Custodian. (See Hegwein, Georg.)
Alien Property Custodian. (See Heinold, Gustav W.)
Alien Property Custodian. (See Heil, Fritz.)
Alien Property Custodian. (See Heil, Rudolf.)
Alien Property Custodian. (See Heller, Ludwig.)
Alien Property Custodian. (See Hempel, Emil.)
Alien Property Custodian. (See Henares, Hilarion G.)
Alien Property Custodian. (See Hendel, Margarete.)
Alien Property Custodian. (See Henke, Karl.)
Alien Property Custodian. (See Hennig, Fritz.)
Alien Property Custodian. (See Hentrich, W., and Endres.)
Alien Property Custodian. (See Hentrich, W., Kaiser, and Reuss.)
Alien Property Custodian. (See Hentrich, W., and Kirstahler.)
Alien Property Custodian. (See Hentrich, W., Schirm, and Engelbrecht.)
Alien Property Custodian. (See Hermes, Karl.)
Alien Property Custodian. (See Hermitte, Louis A.)
Alien Property Custodian. (See Herriger, Felix.)
Alien Property Custodian. (See Herrmann, Heinrich.)
Alien Property Custodian. (See Herrmann, O., Wundere, and Böttger.)
Alien Property Custodian. (See Herrmann, Paul J.)
Alien Property Custodian. (See Herzog, E., Wiessner, Hintze, and Gutzmann.)
Alien Property Custodian. (See Hets, Alfred.)
Alien Property Custodian. (See Hinnerfeldt, Einer E. A.)
Alien Property Custodian. (See Hofgaard, Rolf.)
Alien Property Custodian. (See Hofmann, J., and Schreiber.)
Alien Property Custodian. (See Holek, V., and Ondříček.)
Alien Property Custodian. (See Holst, G., and Hoekstra.)
Alien Property Custodian. (See Höiters, Friedrich.)
Alien Property Custodian. (See Holzmann, Hermann.)
Alien Property Custodian. (See Hönel, Herbert.)
Alien Property Custodian. (See Hönel, H., and Zinke.)
Alien Property Custodian. (See Horack, Hans.)
Alien Property Custodian. (See Horn, Ernst.)
Alien Property Custodian. (See Hubert, E., and Rein.)
Alien Property Custodian. (See Imset, Otto.)
Alien Property Custodian. (See Irslinger, Otto.)
Alien Property Custodian. (See Jacobsen, Jörgen H.)
Alien Property Custodian. (See Jacobson, Johan S.)
Alien Property Custodian. (See Jansen, Karl.)
Alien Property Custodian. (See Jansen, Max P. J. M.)
Alien Property Custodian. (See Javal, Henri L.)
Alien Property Custodian. (See Jde, Hans.)
Alien Property Custodian. (See Jendrassik, George.)
Alien Property Custodian. (See Jirsak, W., and Falk.)
Alien Property Custodian. (See Johnsen, Birger.)
Alien Property Custodian. (See Johnsen, Henry.)
Alien Property Custodian. (See Jonker, Johan L. H.)
Alien Property Custodian. (See Junghans, Helmut.)
Alien Property Custodian. (See Just, J. and F., and David.)
Alien Property Custodian. (See Kallmann, H. I., and Kuhn.)
Alien Property Custodian. (See Kämmel, Hugo E.)
Alien Property Custodian. (See Kaufmann, H., and Keinke.)
Alien Property Custodian. (See Kehne, Karl.)
Alien Property Custodian. (See Keller, Arnold.)
Alien Property Custodian. (See Kern, Rudolf.)
Alien Property Custodian. (See Kerstan, Walter.)
Alien Property Custodian. (See Kesselring, Fritz.)
Alien Property Custodian. (See Kesselring, F., and Puttfarcken.)
Alien Property Custodian. (See Kienzle, Jean A. P.)
Alien Property Custodian. (See Kieselkalt, S., Kruta, Quednau, and Patat.)
Alien Property Custodian. (See Kieselkalt, Siegfried.)
Alien Property Custodian. (See Kirchheim, André G. C.)
Alien Property Custodian. (See Kirchner, Gerhard.)
Alien Property Custodian. (See Klein, Hermann.)
Alien Property Custodian. (See Klein, H., Hemmann, Keinke, Hofmann, and Boehmer.)
Alien Property Custodian. (See Kleine, Johannes.)
Alien Property Custodian. (See Klinkhamer, H. A. W., and Cassee.)
Alien Property Custodian. (See Klute, F., and Heering.)
Alien Property Custodian. (See Kniebahn, W., Geiser, Shüler, Gerth, and Witt.)
Alien Property Custodian. (See Knol, K. S., and Strutt.)
Alien Property Custodian. (See Koch, Rudolf.)
Alien Property Custodian. (See Kochmann, Wilhelm.)
Alien Property Custodian. (See Koenig-Fachsenfeld, Freiherr R.)
Alien Property Custodian. (See Koeppe, W., and Kodal.)
Alien Property Custodian. (See Kohl, Karl.)
Alien Property Custodian. (See Kohring, Erwin.)
Alien Property Custodian. (See Kollmar, Max.)
Alien Property Custodian. (See Komenda, Erwin.)
Alien Property Custodian. (See Komusin, Erich.)
Alien Property Custodian. (See König, P. and R.)
Alien Property Custodian. (See König, R., Gerecs, and Földi.)
Alien Property Custodian. (See Kono, Yoshimitsu.)
Alien Property Custodian. (See Koppelmann, Floris.)
Alien Property Custodian. (See Koppers, Heinrich.)
Alien Property Custodian. (See Körber, Kurt A.)
Alien Property Custodian. (See Koreska, Robert.)
Alien Property Custodian. (See Koschmieder, Kurt.)
Alien Property Custodian. (See Kovács, Theodor.)
Alien Property Custodian. (See Koucký, Josef.)
Alien Property Custodian. (See Koweindl, Karl.)
Alien Property Custodian. (See Kramlf, A., and Vargha.)
Alien Property Custodian. (See Kratky, Anton.)
Alien Property Custodian. (See Krause, E., and Schröder.)
Alien Property Custodian. (See Kreidel, Hans.)
Alien Property Custodian. (See Kremers, Karl.)
Alien Property Custodian. (See Kremp, Rudolf A.)
Alien Property Custodian. (See Kroenig, W., v. Fuener, and Grassl.)
Alien Property Custodian. (See Kroeper, H., Kohler, and Wolf.)
Alien Property Custodian. (See Kronenberger, Adam.)
Alien Property Custodian. (See Kronenberger, A., and Bartelt.)
Alien Property Custodian. (See Krüssmann, Adolf.)
Alien Property Custodian. (See Ku, Chain K., assignor.)
Alien Property Custodian. (See Kühne, Walther.)
Alien Property Custodian. (See Külz, Fritz.)
Alien Property Custodian. (See Kumetat, K., and Riester.)
Alien Property Custodian. (See Kummel, Paul.)
Alien Property Custodian. (See Kummerer, Wilhelm.)
Alien Property Custodian. (See Kümmich, Theodor.)
Alien Property Custodian. (See Kunert, Josef.)
Alien Property Custodian. (See Küpfmüller, K., and Reche.)
Alien Property Custodian. (See Küppenbender, Heinz.)
Alien Property Custodian. (See Küppenbender, H., Eyth, and Jörg.)
Alien Property Custodian. (See Kusman, David.)
Alien Property Custodian. (See Lambeek, Adriaan J. J.)
Alien Property Custodian. (See Lamberti, Francesco.)
Alien Property Custodian. (See Lanciani, Ettore.)
Alien Property Custodian. (See Landgraf, Otto.)
Alien Property Custodian. (See Lang, R., and Koch.)
Alien Property Custodian. (See Lang, R., and Maybach.)
Alien Property Custodian. (See Laraque, Roland.)
Alien Property Custodian. (See Latour, Maurice.)
Alien Property Custodian. (See Laucht, Friedrich.)
Alien Property Custodian. (See Leclabart, Jean.)
Alien Property Custodian. (See Lehmann, Harry.)
Alien Property Custodian. (See Leiber, Ferdinand.)
Alien Property Custodian. (See Leifer, A., and Schilgen.)
Alien Property Custodian. (See Lejeune, Emile J. A.)
Alien Property Custodian. (See Lénart, A., and Vámos.)
Alien Property Custodian. (See Lenta, Giuseppe.)
Alien Property Custodian. (See Lents, Anton.)
Alien Property Custodian. (See Lepetit, Jean.)
Alien Property Custodian. (See Le Rouge, Jean.)
Alien Property Custodian. (See Lichte, August.)
Alien Property Custodian. (See Lietz, Gustav.)
Alien Property Custodian. (See Linke, J. and Schneider.)
Alien Property Custodian. (See Lipsky, Jean.)
Alien Property Custodian. (See Lisi, Giuseppe.)
Alien Property Custodian, The. (See Liseray, Ernest L. V. E.)
Alien Property Custodian. (See Loeffler, Johannes.)
Alien Property Custodian. (See Lohmann, Frans.)
Alien Property Custodian. (See Löhner, K., and Kappus.)
Alien Property Custodian. (See Lohse, Julius.)
Alien Property Custodian. (See Loinaz, Salustiano.)
Alien Property Custodian. (See Löpp, E., Zinke, and Berger.)
Alien Property Custodian. (See Lubberhuisen, Jan. W.)
Alien Property Custodian. (See Lutz, Frederick.)
Alien Property Custodian. (See Machemer, Hans.)
Alien Property Custodian. (See Magis, Auguste A. G.)
Alien Property Custodian. (See Mai, Luigi.)

Alien Property Custodian. (See Malagrino, Francesco.)
Alien Property Custodian. (See Malczewski, Jérémi.)
Alien Property Custodian. (See Mänken, W., and Uhlmann.)
Alien Property Custodian. (See Marette, J. L. J., and Burnat.)
Alien Property Custodian. (See Martin, H., and Franz.)
Alien Property Custodian. (See Martinka, Michael.)
Alien Property Custodian. (See Marzoli, Luigi.)
Alien Property Custodian. (See Marzoli, Luigi, assignor.)
Alien Property Custodian. (See Mathiesen, Nicolaus P.)
Alien Property Custodian. (See Matsudaira, Hatsutaro.)
Alien Property Custodian. (See Matteucci, Raffaele.)
Allen-Bradley Company. (See Matthias, Lynn H., assignor.)
Alien Property Custodian. (See Mauch, K., and Pauer.)
Alien Property Custodian. (See Mautsch, Robert.)
Alien Property Custodian. (See May, Erwin.)
Alien Property Custodian. (See Mayer, F., and Wopper.)
Alien Property Custodian. (See Mazzoni, Lucien.)
Alien Property Custodian. (See Mediger, Harald.)
Alien Property Custodian. (See Mehlhorn, Richard.)
Alien Property Custodian. (See Meier, Georg.)
Alien Property Custodian. (See Meininghaus, Ulrich.)
Alien Property Custodian. (See Meisenheimer, Klaus, and Schenermann.)
Alien Property Custodian. (See Meisterhans, Josef.)
Alien Property Custodian. (See Mennesson, Marcel.)
Alien Property Custodian. (See Menzel, Friedrich.)
Alien Property Custodian. (See Mercier, Jean.)
Alien Property Custodian. (See Messner, Maximilian.)
Alien Property Custodian. (See Mette, Bodo.)
Allbright-Nell Company, The. (See Meyers, Carl G., assignor.)
Alien Property Custodian. (See Michael, W., and Buettner.)
Alien Property Custodian. (See Michael, W., Gohre, Free, von Fuener, and Schneider.)
Alien Property Custodian. (See Mikami, Shinkuro.)
Alien Property Custodian. (See Model, Wilhelm.)
Alien Property Custodian. (See Mocklebust, O., and Ravnestad.)
Alien Property Custodian. (See Moldenhauer, O., and Bock.)
Alien Property Custodian. (See Möller, W., and Kronenberger.)
Alien Property Custodian. (See Molly, Hans.)
Alien Property Custodian. (See Monier, Marius A.)
Alien Property Custodian. (See Morioka, Isao.)
Alien Property Custodian. (See Morland, P., and Smith.)
Alien Property Custodian. (See Mörtl, Hubert.)
Alien Property Custodian. (See Morton, André A.)
Alien Property Custodian. (See Moschel, W., Forst, and Schmid.)
Alien Property Custodian. (See Moser, Wilhelm.)
Alien Property Custodian. (See Moskovits, Balint.)
Alien Property Custodian. (See Mueller-Cunradi, M., Giehne, and Krekeler.)
Alien Property Custodian. (See Mugdan, M., and Wimmer.)
Alien Property Custodian. (See Mulder, Cornelis A. H.)
Alien Property Custodian. (See Müller, Adalbert.)
Alien Property Custodian. (See Müller, Eduard F.)
Alien Property Custodian. (See Muller, Egon N.)
Alien Property Custodian. (See Müller, Josef.)
Alien Property Custodian. (See Munz, Hans.)
Alien Property Custodian. (See Musall, Alexander.)
Alien Property Custodian. (See Muske, Frans.)
Alien Property Custodian. (See Nagel, August.)
Alien Property Custodian. (See Nakagawa, Toyosaburo.)
Alien Property Custodian. (See Nallinger, F., and Glamann.)
Alien Property Custodian. (See Nauta, Johannes E.)
Alien Property Custodian. (See Nebel, Max.)
Alien Property Custodian. (See Nejdl, Georg.)
Alien Property Custodian. (See Németh, Béla.)
Alien Property Custodian. (See Nerwin, Hubert.)
Alien Property Custodian. (See Netalová, A., and Wolfová.)
Alien Property Custodian. (See Nicolle, Charles.)
Alien Property Custodian. (See Nicolle, Charles A.)
Alien Property Custodian. (See Nógrády, Miklós.)
Alien Property Custodian. (See Nottebohm, Carl L.)
Alien Property Custodian. (See Nyrop, Johan E.)
Alien Property Custodian. (See Ohmoto, Torajiro.)
Alien Property Custodian. (See Obta, Masaki.)
Alien Property Custodian. (See Opavsky, Walter.)
Alien Property Custodian. (See Oppenauer, Rupert.)
Alien Property Custodian. (See Oriol, Ramón.)
Alien Property Custodian. (See Orlich, P., Negel, and Harts.)
Alien Property Custodian. (See Orthner, L., and Jacobs.)
Alien Property Custodian. (See Osann, Bernhard.)
Alien Property Custodian. (See Otto, Michael.)
Alien Property Custodian. (See Panthoefer, Emil.)
Alien Property Custodian. (See Pascher, Leopold F.)
Alien Property Custodian. (See Pegiau, Paul, assignor.)
Alien Property Custodian. (See Pelcé, Henri.)
Alien Property Custodian. (See Pelessoni, Giovanni.)
Alien Property Custodian. (See Pense, W., and Bestian.)
Alien Property Custodian. (See Pense, W., Asch, May, and Stärk.)
Alien Property Custodian. (See Percheron, Maurice.)
Alien Property Custodian. (See Periuss, D., and Balász.)
Alien Property Custodian. (See Perrin, René.)
Alien Property Custodian. (See Peters, Gerhard.)
Alien Property Custodian. (See Peters, Kurt.)
Alien Property Custodian. (See Peters, Wilhelm.)
Alien Property Custodian. (See Petersen, O., and Lindberg-Nielsen.)
Alien Property Custodian. (See Petersen, S., and Taube.)
Alien Property Custodian. (See Pfaff, Peter, and Benkert.)
Alien Property Custodian. (See Pfannmüller, W., and Reichart, assignors.)
Alien Property Custodian. (See Pflock, Rudolf.)
Alien Property Custodian. (See Philipsen, Nikolaus M.)
Alien Property Custodian. (See Pier, M., and Donath.)
Alien Property Custodian. (See Pier, M., and Free.)
Alien Property Custodian. (See Pier, M., Kroenig, and Rank.)
Alien Property Custodian. (See Pinazza, Giosuè.)
Alien Property Custodian. (See Pizzi, Carlo.)
Alien Property Custodian. (See Plagemann, W., and Wemhöner.)
Alien Property Custodian. (See Planche, Benjamin R.)
Alien Property Custodian. (See Podschus, E., and Meder.)
Alien Property Custodian. (See Pohl, F. J., and Schmidt.)
Alien Property Custodian. (See Poinsignon, Jean.)
Alien Property Custodian. (See Poncet, Andre Francois Henry.)
Alien Property Custodian. (See Popov, Vladimir.)
Alien Property Custodian. (See Posthumus, K., Penning, Dorgelo, and Verburg.)
Alien Property Custodian. (See Pott, August F.)
Alien Property Custodian. (See Priesemann, Wilhelm.)
Alien Property Custodian. (See Proos, Cornelis F.)
Alien Property Custodian. (See Puttfarcken, Wilhelm.)
Alien Property Custodian. (See Raba, George H., and A. H.)
Alien Property Custodian. (See Rabl, Alfred.)
Alien Property Custodian. (See Rambold, Adolf.)
Alien Property Custodian. (See Raschig, Klaus.)
Alien Property Custodian. (See Raub, Hermann.)
Alien Property Custodian. (See Reijnst, Maximilien F.)
Alien Property Custodian. (See Reiners, W., and Kahlisch.)
Alien Property Custodian. (See Reiners, W., Kahlisch, and Fürst.)
Alien Property Custodian. (See Rendelstein, Max.)
Alien Property Custodian. (See Retterath, Valentin.)
Alien Property Custodian. (See Revelli, Gino.)
Alien Property Custodian. (See Reygagne, Leonce.)
Alien Property Custodian. (See Reynst, M. F., Rinia, Stigter, and Dorsman.)
Alien Property Custodian. (See Ricchiardi, P. C., and Zillo.)
Alien Property Custodian. (See Riedel, Ferdinand.)
Alien Property Custodian. (See Riedel, Walter.)
Alien Property Custodian. (See Riegger, Paul.)
Alien Property Custodian. (See Riester, Oskar.)
Alien Property Custodian. (See Röber, C. F., and Röthig.)
Alien Property Custodian. (See Rodanet, Charles H. H.)
Alien Property Custodian. (See Roelen, Otto.)
Alien Property Custodian. (See Römer, Otto.)
Alien Property Custodian. (See Rósa, L., and Zakariás.)
Alien Property Custodian. (See Rosenmund, Karl W.)
Alien Property Custodian. (See Rosicky, Johann.)
Alien Property Custodian. (See Rösler, Richard E.)
Alien Property Custodian. (See Rossberg, Ehrhard.)
Alien Property Custodian. (See Rossi, Giovanni.)
Alien Property Custodian. (See Rossmanith, Wolfgang.)
Alien Property Custodian. (See Rothelm, Erik.)
Alien Property Custodian. (See Rott, André.)
Alien Property Custodian. (See Röver, Martin.)
Alien Property Custodian. (See Rozenbroek, Meindert D.)
Alien Property Custodian. (See Rüdiger, Ernst.)
Alien Property Custodian. (See Rudolph, Karl.)
Alien Property Custodian. (See Rupp, Albert.)
Alien Property Custodian. (See Rupplk, Herbert.)
Alien Property Custodian. (See Ruska, Ernst.)
Alien Property Custodian. (See Ryba, Anton.)
Alien Property Custodian. (See Rybka, Benno.)
Alien Property Custodian. (See Rzymkowski, Johannes.)
Alien Property Custodian. (See Saint Genies, Anne, H. J. de L.)
Alien Property Custodian. (See Salani, Ettore.)
Alien Property Custodian. (See Salomon, François M. B.)
Alien Property Custodian. (See Sarasin, Raoul R. R.)
Alien Property Custodian. (See Saulnier, Raymond.)
Alien Property Custodian. (See Schaaf, Alexander.)
Alien Property Custodian. (See Schade, Karl W.)
Alien Property Custodian. (See Schade, Rudolf.)
Alien Property Custodian. (See Schaeffer, Erich.)
Alien Property Custodian. (See Scharfnagel, Rudolf.)
Alien Property Custodian. (See Scharpenberg, E., and Bünnhoff.)
Alien Property Custodian. (See Schat, Ane P.)
Alien Property Custodian. (See Scheibe, Alfred.)
Alien Property Custodian. (See Scheler, E., and Rohrbach.)

Alien Property Custodian. (See Scherer, O., Dostal, and Dachlauer.)
Alien Property Custodian. (See Scheuing, G., and Walach.)
Alien Property Custodian. (See Schilling, Ottmar.)
Alien Property Custodian. (See Schirm, Erik, assignor.)
Alien Property Custodian. (See Schlack, Paul.)
Alien Property Custodian. (See Schlesinger, Kurt.)
Alien Property Custodian. (See Schlack, Paul.)
Alien Property Custodian. (See Schlichting, O., and Klager.)
Alien Property Custodian. (See Schlumberger, Marcel.)
Alien Property Custodian. (See Schmeisser, Hugo.)
Alien Property Custodian. (See Schmid, W., and Schub.)
Alien Property Custodian. (See Schmidt, Paul.)
Alien Property Custodian. (See Schmitt, Carl.)
Alien Property Custodian. (See Schnegg, Robert.)
Alien Property Custodian. (See Schneider, W., and Senger.)
Alien Property Custodian. (See Schotte, H., and Ebert.)
Alien Property Custodian. (See Schouten, Cornelis.)
Alien Property Custodian. (See Schrader, Walter.)
Alien Property Custodian. (See Schreiber, August.)
Alien Property Custodian. (See Schröder-Nielsen, Thorolf.)
Alien Property Custodian. (See Schröter, K., and H.)
Alien Property Custodian. (See Schubert, E., and Pierer.)
Alien Property Custodian. (See Schüller, Eduard.)
Alien Property Custodian. (See Schuller, A., and Tritsmans.)
Alien Property Custodian. (See Schultze, Guido.)
Alien Property Custodian. (See Schulz, C., and Tandetzke.)
Alien Property Custodian. (See Schulz, Hermann.)
Alien Property Custodian. (See Schulze, Kurt.)
Alien Property Custodian. (See Schumacher, Hermann.)
Alien Property Custodian. (See Schumann, Artur.)
Alien Property Custodian. (See Schürmann, M.-O., and Holtz.)
Alien Property Custodian. (See Schütte, Alfred.)
Alien Property Custodian. (See Schütte, Willi.)
Alien Property Custodian. (See Schwaneberg, Herbert.)
Alien Property Custodian. (See Schwarzer, Kurt.)
Alien Property Custodian. (See Schwimmer, K. H., and Quittner.)
Alien Property Custodian. (See Séailles, Jean C.)
Alien Property Custodian. (See Sebestyén, László.)
Alien Property Custodian. (See Seemann, Johannes.)
Alien Property Custodian, The. (See Seib, Jakob.)
Alien Property Custodian. (See Sembdner, Gustav.)
Alien Property Custodian. (See Sickinger, Helmut.)
Alien Property Custodian. (See Skaupy, F., and Weissenberg.)
Alien Property Custodian. (See Siedzianowski, Frans.)
Alien Property Custodian. (See Smejkal, Villém.)
Alien Property Custodian. (See Sonnino, C., and Sassetti.)
Alien Property Custodian. (See Sorensen, Christian.)
Alien Property Custodian. (See Stalmann, Georg P. G.)
Alien Property Custodian. (See Steinbach, Heinz.)
Alien Property Custodian. (See Steiner, Otto.)
Alien Property Custodian. (See Steube, Fritz.)
Alien Property Custodian. (See Stickdorn, Kurt.)
Alien Property Custodian. (See Stieglitz, Albert.)
Alien Property Custodian. (See Stoewener, F., and Becke.)
Alien Property Custodian. See Story, Anthonie.)
Alien Property Custodian. (See Straub, Harald.)
Alien Property Custodian. (See Strübig, Heinrich.)
Alien Property Custodian. (See Strübig, H., and Hass.)
Alien Property Custodian. (See Strutt, M. J. O., van der Ziel, and Bakker.)
Alien Property Custodian. (See Sturm, Erwin.)
Alien Property Custodian. (See Suchann, Alfred.)
Alien Property Custodian. (See Swarovski, Daniel.)
Alien Property Custodian. (See Sykora, Vladislav.)
Alien Property Custodian. (See Szekeres, Béla.)
Alien Property Custodian. (See Szydlowski, Josef.)
Alien Property Custodian. (See Tagliabue, Gniseppe.)
Alien Property Custodian. (See Tailleferre, Henri.)
Alien Property Custodian. (See Takayama, Yoshitaro.)
Alien Property Custodian. (See Tanty, René.)
Alien Property Custodian. (See ter Linden, Adam J.)
Alien Property Custodian. (See te Strake, Lambertus.)
Alien Property Custodian. (See Tessier, Julien.)
Alien Property Custodian. (See Thinius, Kurt.)
Alien Property Custodian. (See Thöm, Kurt.)
Alien Property Custodian. (See Tiberghien, Marcel.)
Alien Property Custodian. (See Tiedemann, Hans.)
Alien Property Custodian. (See Tischer, Max.)
Alien Property Custodian. (See Tölke, Friedrich.)
Alien Property Custodian. (See Trinius, Werner.)
Alien Property Custodian. (See Tritsmans, R. G., and Hendriex.)
Alien Property Custodian. (See Troëdsson, Ivan P.)
Alien Property Custodian. (See Tromp, Klaas F.)
Alien Property Custodian. (See Tsuno, Shozo.)
Alien Property Custodian. (See Tutiya, Hideso.)
Alien Property Custodian. (See Ueberschnes, Albert.)
Alien Property Custodian. (See Uffers, Heinz.)
Alien Property Custodian. (See Uloth, R., and Mueller-Cunradi.)
Alien Property Custodian. (See Ulrich, H., Ploetz, and Ferrarea.)
Alien Property Custodian. (See Ulrich, H., Ploetz, and Nold.)
Alien Property Custodian. (See Ungerer, Fritz.)
Alien Property Custodian. (See Vallernaud, Jean P. A.)
Alien Property Custodian. (See van Bergen Lambertus, A.)
Alien Property Custodian. (See Vancoppenolle, Jean.)
Alien Property Custodian. (See van den Berg, Walter.)
Alien Property Custodian. (See van den Dool, Berend Jan.)
Alien Poperty Custodian. (See Van den Kleboom, Leon E. M., assignor.)
Alien Property Custodian. (See van der Bie, Godfried J.)
Alien Property Custodian. (See van der Leun, Cornelis.)
Alien Property Custodian. (See van der Plas, Frederik.)
Alien Property Custodian. (See van Gelder, Dirk W.)
Alien Property Custodian. (See van Lammeren, J. A., and van der Mey.)
Alien Property Custodian. (See van Liempt, J. A. M., and Leijdens.)
Alien Property Custodian. (See van Overbeek, Adrianus J. W. M.)
Alien Property Custodian. (See Vautier, Léon P. G.)
Alien Property Custodian. (See Vesely, Josef.)
Alien Property Custodian. (See Vierling, O., and Gänsweln.)
Alien Property Custodian. (See Villem, Raymond.)
Alien Property Custodian. (See Volt, Willy.)
Alien Property Custodian. (See Vollrath, Paul.)
Alien Property Custodian. (See Volz, Anton.)
Alien Property Custodian. (See Von Ardenne, Manfred.)
Alien Property Custodian. (See von Baeyer, H. J. E., Roosenstein, and Tischer.)
Alien Property Custodian. (See Von Borries, B., Müller, and Ruska.)
Alien, Property Custodian. (See von Borries, B., and Ruska.)
Alien Property Custodian. (See von den Steinen, C.)
Alien Property Custodian. (See von den Steinen, Carl.)
Alien Property Custodian. (See von Manteuffel, Manfred Z.)
Alien Property Custodian. (See von Opel, Fritz.)
Alien Property Custodian. (See von Pazsiczky, Gedeon.)
Alien Property Custodian. (See von Philipp, Hans.)
Alien Property Custodian. (See von Vlditz, Friedrich.)
Alien Property Custodian. (See Vulliet-Durand, Gaston H.)
Alien Property Custodian. (See Vürbs, Václav.)
Alien Property Custodian. (See Wagner, Max.)
Alien Property Custodian. (See Waldschmidt, E., and Bayer.)
Alien Property Custodian. (See Walther, Heinrich, Sr.)
Alien Property Custodian. (See Waselge, Charles R.)
Alien Property Custodian. (See Watzel, Rudolf.)
Alien Property Custodian. (See Weber, K., and Bode.)
Alien Property Custodian. (See Wegener, Gustav.)
Alien Property Custodian. (See Wehr, Wilhelm.)
Alien Property Custodian. (See Weigend, Franz.)
Alien Property Custodian. (See Welker, William.)
Alien Property Custodian. (See Weimer, Wilhelm.)
Alien Property Custodian. (See Weimers, Wilhelm.)
Alien Property Custodian. (See Weissenberg, Gustav J.)
Alien Property Custodian. (See Welsz, Adolf.)
Alien Property Custodian. (See Welsz, Tibor.)
Alien Property Custodian. (See Wemhöner, Wilhelm.)
Alien Property Custodian. (See Wendlandt, R., Hoffmann, and Füldner.)
Alien Property Custodian. (See Wenzel, Friedrich.)
Alien Property Custodian. (See Westerkamp, Hugo.)
Alien Property Custodian. (See Wiggermann, Georg.)
Alien Property Custodian. (See Wildermuth, Richard.)
Alien Property Custodian. (See Wilfert, Karl.)
Alien Property Custodian. (See Wilfert, K., and Barényi.)
Alien Property Custodian. (See Wiest, George.)
Alien Property Custodian. (See Wilfert, K., and Barényi.)
Alien Property Custodian. (See Willhelm, François.)
Alien Property Custodian. (See Winkelmann, Kurt.)
Alien Property Custodian. (See Winkelmann, Otto.)
Alien Property Custodian. (See Wirth, G., Sabel, and Laudenklos.)
Alien Property Custodian. (See Wirth, G., Wensel, Sabel, and Laudenklos.)
Alien Property Custodian. (See Wittkop, Elmar.)
Alien Property Custodian. (See Woitzsheck, Arno.)
Alien Property Custodian. (See Wolf, H., Kuss, Hohn, and Stietzel.)
Alien Property Custodian. (See Wolff, Hanns-Heinz.)
Alien Property Custodian. (See Wolff, Julius.)
Alien Property Custodian. (See Wölfle, Robert.)
Alien Property Custodian. (See Wolfner, Alfred S.)
Alien Property Custodian. (See Wolfram, A., and Jahn.)
Alien Property Custodian. (See Woog, Paul.)
Alien Property Custodian. (See Wulff, Siegried.)
Alien Property Custodian. (See Wunderlich, Friedrich.)
Alien Property Custodian, The. (See Wunsch, Güido, assignor.)
Alien Property Custodian. (See Wünsch, G., Kronenberger, and Bauer.)

Allen Property Custodian. (See Wuppermann, T., and Koenig.)
Allen Property Custodian. (See Wussow, R., and Fechner.)
Allen Property Custodian. (See Wüsteney, H., and Lolkes.)
Allen Property Custodian. (See Zeininger, Gustav.)
Allen Property Custodian. (See Zeltner, J. and Genas.)
Allen Property Custodian. (See Zerbe, Carl.)
Allen Property Custodian. (See Zenz, Wilhelm.)
Allen Property Custodian. (See Zerweck, W., and Schubert.)
Allen Property Custodian. (See Ziegel, Olivier.)
Allen Property Custodian. (See Zintl, Eduard.)
Allen Property Custodian. (See Zollinger, Ernst.)
Allen Property Custodian. (See Zotos, Georg.)
Allen Property Custodian. (See zur Nedden, G., and Cords.)
Allé, Carolina D., Buenos Aires, Argentina. Door construction and the like. 2,339,315; Jan. 18.
Allan, Benjamin W., Baltimore, Md. Gel-coated pigments and making same. 2,357,721; Sept. 5.
Alland, Maurice, Los Angeles, Calif. Pocket cigarette-making machine. 2,352,999; July 4.
Allard, Pierre J.-M. T., Chantilly, France; vested in the Allen Property Custodian. Device for lowering loads. 2,359,073; Sept. 26.
Allardice, Thomas B., Mountain Lakes, N. J., assignor to The Allen-Sherman-Hoff Company, Philadelphia, Pa. Water sealed hopper. 2,339,215; Jan. 11.
Allardice, Thomas B., Mountain Lakes, N. J., assignor to The Allen-Sherman-Hoff Company, Philadelphia, Pa. Hopper with metal bottom. 2,339,216; Jan. 11.
Allardice, Thomas B., Mountain Lakes, N. J., assignor to The Allen-Sherman-Hoff Company, Philadelphia, Pa. Water cooled hopper. 2,339,217; Jan. 11.
Allardt, Ernst W., Parma, assignor to The Yoder Company, Cleveland, Ohio. Mechanism for coiling sheet material. 2,351,894; June 20.
Allardt, Hans-Georg, Philippsthal Krs. Teltow, and K. Junkmann, Berlin, Germany, assignors to Schering Corporation, Bloomfield, N. J. β-alkyl-substituted ethylamines. 2,361,524; Oct. 31.
Allatt, Mervin, Plainfield, N. J., assignor to Millie Patent Holding Co., Inc. Automatic bag package making and filling machine. 2,350,333; June 6.
Allbright-Nell Company, The. (See Folk, Joseph, assignor.)
Allbright-Nell Co., The. (See Ozouf, Arthur E., assignor.)
Allderige Corporation, The. (See Allderige, Kenneth, assignor.
Allderige, Kenneth, West Haven, assignor to The Allderige Corporation, New Haven, Conn. Rail-lifting device. 2,343,381; July 11.
Alldredge, Robert L. (See Norlander, W. G., and Alldredge.)
Allee, Herbert D., Grosse Pointe, Mich. Gasoline tank filler. 2,344,582; Mar. 21.
Allen, Albert, and R. W. Cushman, Sharon, assignors to The Foxboro Company, Foxboro, Mass. Humidity measuring and control apparatus. 2,343,878; Mar. 14.
Allen, Albert, and W. H. Howe, Sharon, assignors to The Foxboro Company, Foxboro, Mass. Method and apparatus for determining the concentration of moisture in materials. 2,359,278; Oct. 3.
Allen, Alfred E., Wallingford, Conn., and J. L. Whitten, Lakewood, assignors to Lee Wilson Engineering Company, Inc., Cleveland, Ohio. Method and apparatus for annealing. 2,360,633; Oct. 17.
Allen-Bradley Company. (See Bradley, H. L., and Petersen, assignor.)
Allen-Bradley Company. (See Quast, William J., assignor.)
Allen-Bradley Company. (See Stong, Karl K., assignor.)
Allen-Bradley Company. (See Taylor, Julian S., assignor.)
Allen-Bradley Company. (See Wilms, G. O., and Dawe, assignor.)
Allen, Carl F., McKeesport, Pa. Tieback. 2,347,234; Apr. 25.
Allen, Charles F. H. (See Frame, G. F., and Allen.)
Allen, Charles F. H., and G. F. Frame, assignors to Eastman Kodak Company, Rochester, N. Y. Azole diazo dye compounds and their manufacture. 2,346,531; Apr. 11.
Allen, Charles F. H., and C. V. Wilson, assignors to Eastman Kodak Company, Rochester, N. Y. Hardening photographic gelatin. 2,344,013; Mar. 14.
Allen, Charles F. H., and J. A. Van Allan, assignors to Eastman Kodak Company, Rochester, N. Y. Pyrimidine couplers. 2,355,891; Aug. 15.
Allen, Marie F., Boston, Mass., assignor to Manning, Maxwell & Moore, Incorporated, New York, N. Y. Valve device. 2,365,927; Dec. 26.
Allen, Earl M., assignor to The Union Switch & Signal Company, Swissvale, Pa. Indication apparatus. 2,355,499; Aug. 8.
Allen, Earl M., assignor to The Union Switch & Signal Company, Swissvale, Pa. Remote control system. 2,361,445; Oct. 31.
Allen, Edgar A., Springfield, Mass., assignor to The Diamond Match Company, New York, N. Y. Binding match book assemblies. 2,342,236; Feb. 22.
Allen, Edgar A., Springfield, Mass., assignor to The Diamond Match Company, New York, N. Y. Container for match books and the like. 2,351,409; June 13.
Allen, Edmund T., and G. S. Schairer, assignors to Boeing Aircraft Company, Seattle, Wash. Aircraft empennage. 2,356,139; Aug. 22.
Allen, Edward M., Copley, Ohio, assignor to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Producing calcium carbonate. 2,354,788; Aug. 1.
Allen, Edwin L. (See Schonitzer, R. I., Allen and Muster.)
Allen, Ellen B. (See Smith, Paul S., assignor.)
Allen, Elmer T., Youngstown, Ohio. Convertible infant carrier. 2,350,590; Oct. 3.
Allen, Ernest C., Rochester, N. Y., assignor to General Motors Corporation, Detroit, Mich. Armature for dynamo-electric machines. 2,348,948; May 16.
Allen, Everett W., Birmingham, assignor to General Motors Corporation, Detroit, Mich. Hold-down attachment. 2,365,372; Dec. 19.
Allen, Frank B., Verona, assignor to C-O-Two Fire Equipment Company, Newark, N. J. Fire extinguishing system. 2,358,199; Sept. 12.
Allen, Frank B., Verona, assignor to C-O-Two Fire Equipment Company, Newark, N. J. Condensate trap for suction conduits. 2,360,634; Oct. 17.
Allen, Gerald N. (See Murray, G. D., and Allen.)
Allen, Gwynne, Long Beach, Calif., assignor to Petrolite Corporation, Ltd., St. Louis, Mo. Composition of matter. 2,363,034; Nov. 21.
Allen, Gwynne, Long Beach, Calif., assignor to Petrolite Corporation, Ltd., St. Louis, Mo. Composition of matter. 2,363,035; Nov. 21.
Allen, Herbert. (See Bean, R. N., Abercrombie, and Allen.)
Allen, Herbert, assignor to Cameron Iron Works, Houston, Tex. Gate valve. 2,351,312; June 13.
Allen, Herbert, Houston, Tex., assignor, by mesne assignments, to Cameron Iron Works, Inc. Weight indicator. 2,361,915; Nov. 7.
Allen, Holly H., Charleston, W. Va. Orthopedic shoe and filler therefor. 2,356,806; Aug. 29.
Allen, Horace D., Columbia, S. C., assignor to United States Gypsum Company, Chicago, Ill. Taping tool. 2,339,235; Jan. 18.
Allen, Horace H., Columbia, assignor of one-half to O. Stanley Smith, Richland County, S. C. Cement finishing machine. 2,342,445; Feb. 22.
Allen, Howard G., Niagara Falls, N. Y., assignor to Consolidated Packaging Machinery Corporation. Automatic bag feeder. Re. 22,434; Feb. 15.
Allen, Howard G., Niagara Falls, and K. C. Saunders, Kenmore, assignors to Bagpak, Inc., New York, N. Y. Bag filling machine. 2,343,439; Mar 7.
Allen, Howard G., Niagara Falls, assignor to Consolidated Packaging Machinery Corporation, Buffalo, N. Y. Bag feeding machine. 2,350,666; June 6.
Allen, Howard G., and W. O. Sims, Niagara Falls, assignors to Bagpak, Inc., New York, N. Y. Bag filling, closing, and sealing machine. 2,360,635; Oct. 17.
Allen, Hugh E., Northbrook, assignor of one-half to A. G. McCaleb, Evanston, Ill. Smoke-laden flour and producing same. 2,338,156; Jan. 4.
Allen, James G., assignor to Draper Corporation, Hopedale, Mass. Automatic loom shuttle. 2,350,207; May 30.
Allen, John Gordon, Forest Hills, N. Y., assignor to Phillips Petroleum Company. Catalytic conversion of hydrocarbons. 2,361,534; Oct. 31.
Allen, Joseph F., Silver Spring, Md., assignor to The Warner & Swasey Company, Cleveland, Ohio. Clutch tap and die holder. 2,363,379; Nov. 21.
Allen, Kenneth C., Dayton, and D. A. Meeker, assignors to The Hobart Manufacturing Company, Troy, Ohio. Dashpot for scales. 2,347,903; May 2.
Allen, Lawrence J., Seattle, Wash. Musical score. 2,360,534; Oct. 17.
Allen, Lloyd, Jr., Los Angeles, Calif. Fuel pump. 2,365,237; Dec. 19.
Allen, Louis N., Jr. (See Titlestad, N., and Allen.)
Allen, Morris F., Canton, Ohio. Road surfacing machine. 2,349,130; May 16.
Allen, Paul E., Skokie, Ill. Bottleholder. 2,354,568; July 25.
Allen, Philip H., Richmond, Calif., assignor to Friden Calculating Machine Co. Inc., San Leandro, Calif. Calculating machine. 2,365,507; Dec. 19.
Allen, Raymond P., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Heel construction. 2,347,868; May 2.
Allen, Raymond W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Press. 2,354,447; July 25.
Allen, Rhea P., Richmond Heights, assignor to Brooks Paper Company, St. Louis, Mo. Bag-expanding means. 2,342,324; Feb. 22.
Allen, Robert C., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Blade shrouding. 2,364,145; Dec. 26.
Allen, Roy A. B., Jr., Dallas, Tex. Internal combustion engine. 2,345,561; Apr. 4.

Allen, Roy O., Athens, Pa., assignor to Ingersoll-Rand Company, New York, N. Y. Controlling device. 2,338,157; Jan. 4.
Allen, Roy O., Athens, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Pneumatic tool. 2,342,568; Feb. 22.
Allen, Roy O., Athens, Pa., assignor to Ingersoll-Rand Company, New York, N. Y. Throttle valve mechanism. 2,356,692; Aug. 15.
Allen, Roy O., Athens, Pa., assignor to Ingersoll-Rand Company, New York, N. Y. Adjusting device for throttle valves. 2,362,606; Nov. 14.
Allen, Russell G., Alton, Ill., assignor to Owens-Illinois Glass Company. Mold operating mechanism. 2,351,899; June 20.
Allen, Russell G., Alton, Ill., assignor to Owens-Illinois Glass Company. Valve operating mechanism. 2,359,188; Sept. 26.
Allen, Russell G., Alton, Ill., assignor to Owens-Illinois Glass Company. Mold operating mechanism for glass blowing machines. 2,362,427; Nov. 7.
Allen, Russell G., Alton, Ill., assignor to Owens-Illinois Glass Company. Mold carrying mechanism. 2,365,928; Dec. 26.
Allen, Russell G., and C. B. Smith, Alton, Ill., assignors to Owens-Illinois Glass Company. Machine for blowing hollow glassware. 2,365,929; Dec. 26.
Allen, S. L., & Co. (See Bowen, J. M., and Bonner, assignors.)
Allen-Sherman-Hoff Company, The. (See Allardice, Thomas B., assignor.)
Allen, Stafford and Sons Limited. (See Hewitt, J. T., and West, assignors.)
Allen, Thomas C., and R. J. Dicke, assignors to Wisconsin Alumni Research Foundation, Madison, Wis. Insecticide and making same. 2,348,949; May 16.
Allen, Victor O., Madison, and J. F. Polak, assignors to Wilbur B. Driver Company, Newark, N. J. Alloy for metal to glass seals, and the like, and producing same. 2,343,038; Feb. 29.
Allen, Victor O., Madison, and J. F. Polak, assignors to Wilbur B. Driver Company, Newark, N. J. Electrical resistance alloy. 2,343,039; Feb. 29.
Allen, Victor O., Madison, and J. F. Polak, assignors to Wilbur B. Driver Company, Newark, N. J. Electrical resistance alloy. 2,343,040; Feb. 29.
Allen Wales Adding Machine Corporation. (See Lambert, Harry L., assignor.)
Allen, Wayne H., Los Angeles, Calif., assignor to General Electric Company. Bearing arrangement. 2,345,564; Apr. 4.
Allen, Wayne H., Los Angeles, Calif., assignor to General Electric Company. Deicer for supercharged aircraft carburetor. 2,356,370; Aug. 22.
Allen, Wayne H., Eagle Rock, Calif., assignor to General Electric Company. Turbosupercharger. 2,346,128; Apr. 11.
Allen, Wayne H., Lynn, Mass., assignor to General Electric Company. Impeller. 2,354,653; Aug. 1.
Allen, Willard W., Arvada, Colo. Beet topper. 2,340,919; Feb. 8.
Aller, Willis F., and L. J. Mahlmeister, assignors to The Sheffield Corporation, Dayton, Ohio. Gauging device. 2,352,507; June 27.
Aller, Willis F., assignor to The Sheffield Corporation, Dayton, Ohio. Gauging device. 2,358,769; Sept. 19.
Allerding, Alfred, Berlin-Friedrichshagen, Germany; vested in the Allen Property Custodian. Electron tube device for ultra short waves. 2,351,895; June 20.
Alles, Francis P., Waynesboro, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Wet spinning of cellulose acetate. 2,339,316; Jan. 18.
Alles, Francis P., Waynesboro, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Wet spinning of cellulose acetate. 2,341,586; Feb. 15.
Alles, Francis P., Waynesboro, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing rubber-coated artificial filaments. 2,351,090; June 13.
Alles, George J., assignor to Sylvania Industrial Corporation, Fredericksburg, Va. Article and making the same. 2,356,023; Aug. 15.
Alles, Gordon A., Los Angeles, Calif. Metamethoxybenzylmethylcarbinamines and medicinal preparations comprising the same. 2,361,372; Oct. 31.
Alles, Gordon A., Los Angeles, Calif. Metahydroxybenzylmethylcarbinamines and medicinal preparations comprising the same. 2,361,373; Oct. 31.
Alley, Marvin B., Birmingham, Ala. Spike puller. 2,362,334; Nov. 7.
Alley, Stephen E. (See Alley, S. E., Gardner, and Alley.)
Alley, Stephen E., Yockleton, and S. Gardner and S. E. Alley, Shrewsbury, England. Laundry press. 2,357,493; Sept. 5.
Alliance Machine Company, The. (See Harry, Robert J., assignor.)
Alliance Manufacturing Company, The. (See Arnel, Jack, assignor.)
Allied Chemical & Dye Corporation. (See Brown, William B., assignor.)
Allied Chemical & Dye Corporation. (See Clark, Charles B., assignor.)
Allied Chemical & Dye Corporation. (See Cline, Edwin L., assignor.)
Allied Chemical & Dye Corporation. (See Cline, E. L., and Gould, assignors.)
Allied Chemical & Dye Corporation. (See Cole, P. J., and Brutt, assignors.)
Allied Chemical & Dye Corporation. (See Cole, P. J., Clark, and Waldron, assignors.)
Allied Chemical & Dye Corporation. (See Crowell, Joyce H., assignor.)
Allied Chemical & Dye Corporation. (See Eitelman, M. A., assignor.)
Allied Chemical & Dye Corporation. (See Engel, Karl H., assignor.)
Allied Chemical & Dye Corporation. (See Engel, K. H., and Stasse, assignors.)
Allied Chemical & Dye Corporation. (See Flett, Lawrence H., assignor.)
Allied Chemical & Dye Corporation. (See Gainey, Frank W., assignor.)
Allied Chemical & Dye Corporation. (See Greenburg, Richard B., assignor.)
Allied Chemical & Dye Corporation. (See Hamlin, Marston L., assignor.)
Allied Chemical & Dye Corporation. (See Harris, John M., Jr., assignor.)
Allied Chemical & Dye Corporation. (See Haskell, S. B., and Harvey, assignors.)
Allied Chemical & Dye Corporation. (See Houghton, Augustus S., assignor.)
Allied Chemical & Dye Corporation. (See Hurst, Dee A., assignor.)
Allied Chemical & Dye Corporation. (See Kern, Jean G., assignor.)
Allied Chemical & Dye Corporation. (See King, Wilbert A., assignor.)
Allied Chemical & Dye Corporation. (See Miller, Stuart P., assignor.)
Allied Chemical & Dye Corporation. (See Ogilvie, James, assignor.)
Allied Chemical & Dye Corporation. (See Rice, Edward F. T., assignor.)
Allied Chemical & Dye Corporation. (See Sabia, Frank A., assignor.)
Allied Chemical & Dye Corporation. (See Seyferth, Herbert, assignor.)
Allied Chemical & Dye Corporation. (See Stasse, Henry L., assignor.)
Allied Chemical & Dye Corporation. (See Wroby, Norman W., assignor.)
Allied Chemical & Dye Corporation. (See Zizinia, P. T., and McKenna, assignors.)
Allied Control Company. (See Ebert, Joseph F., assignor.)
Allied Control Company. (See Ruthven, William, assignor.)
Allied Equipment Company. (See Turner, James H., assignor.)
Allied Latex Corporation. (See Maywald, Frederick J., Jr., assignor.)
Allied Plastics Corporation. (See Lindsey, H. A., III, and Long, assignors.)
Allied Purchasing Corporation. (See Kramer, Ferninand, assignor.)
Allied Purchasing Corporation, et al. (See Kramer, Ferdinand, assignor.)
Allin, George S. (See Brown, I. H., and Allin.)
Allin, George S., assignor to Isaacson Iron Works, Seattle, Wash. Wheel equipped tractor. 2,352,593; July 4.
Allin, Ray L., San Francisco, Calif. Grouting system. 2,341,518; Feb. 15.
Allis-Chalmers Manufacturing Company. (See Allen, Robert C., assignor.)
Allis-Chalmers Manufacturing Company. (See Becker, George D., assignor.)
Allis-Chalmers Manufacturing Company. (See Charley, W. G., and Buhr, assignors.)
Allis-Chalmers Manufacturing Company. (See Codrington, Charles F., assignor.)
Allis-Chalmers Manufacturing Company. (See Dahlstrand, Hans P., assignor.)
Allis-Chalmers Manufacturing Company. (See Dray, Walter R., assignor.)
Allis-Chalmers Manufacturing Company. (See Hagemann, John R., assignor.)
Allis-Chalmers Manufacturing Company. (See Jacobi, Louis, assignor.)
Allis-Chalmers Manufacturing Company. (See Jansson, Gustav E., assignor.)
Allis-Chalmers Manufacturing Company. (See Johnson, William C., assignor.)
Allis-Chalmers Manufacturing Company. (See Journeaux, Didier, assignor.)
Allis-Chalmers Manufacturing Company. (See Lelliter, Chester P., assignor.)
Allis-Chalmers Manufacturing Company. (See Liggett, John T., assignor.)
Allis-Chalmers Manufacturing Company. (See Lincoln, Charles S., assignor.)
Allis-Chalmers Manufacturing Company. (See Linn, James G., assignor.)
Allis-Chalmers Manufacturing Company. (See McKahin, John D., assignor.)

Allis-Chalmers Manufacturing Company. (See Michel, Mathias, assignor.)
Allis-Chalmers Manufacturing Company. (See Montgomery, Terry I. B., assignor.)
Allis-Chalmers Manufacturing Company. (See Mortensen, Soren H., assignor.)
Allis-Chalmers Manufacturing Company. (See Newhouse, Ray C., assignor.)
Allis-Chalmers Manufacturing Company. (See Otto, Eugene J., assignor.)
Allis-Chalmers Manufacturing Company. (See Pfau, A., and Montgomery, assignors.)
Allis-Chalmers Manufacturing Company. (See Pfeiffer, Albert F., assignor.)
Allis-Chalmers Manufacturing Company. (See Pinkham, H. P., and Ainsworth, assignors.)
Allis-Chalmers Manufacturing Company. (See Ray, James L., assignor.)
Allis-Chalmers Manufacturing Company. (See Reichert, Harold E., assignor.)
Allis-Chalmers Manufacturing Company. (See Rheingans, William J., assignor.)
Allis-Chalmers Manufacturing Company. (See Roubal, Alexander J., assignor.)
Allis-Chalmers Manufacturing Company. (See Schick, Frederick A., assignor.)
Allis-Chalmers Manufacturing Company. (See Scranton, Charles J., assignor.)
Allis-Chalmers Manufacturing Company. (See Shaw, E. C., and Bergmaier, assignors.)
Allis-Chalmers Manufacturing Company. (See Sillers, Thomas G. A., assignor.)
Allis-Chalmers Manufacturing Company. (See Strehlow, Walter F., assignor.)
Allis-Chalmers Manufacturing Company. (See Tanke, Willard H., assignor.)
Allis-Chalmers Manufacturing Company. (See Teplow, Leo, assignor.)
Allis-Chalmers Manufacturing Company. (See Wilkinson, Nathan, assignor.)
Allison Company, The. (See Allison, Hugh V., assignor.)
Allison, Elton R., Washington, D. C., assignor to Hercules Powder Company, Wilmington, Del. Smokeless powder. 2,357,980; Sept. 12.
Allison, Hugh V., Fairfield, assignor to The Allison Company, Bridgeport, Conn. Making abrasive articles. 2,356,965; Aug. 29.
Allison, Thomas T., Jr., assignor of one-half to A. T. McWane, Birmingham, Ala. Warning signal. 2,344,014; Mar. 14.
Allmänna Svenska Elektriska Aktiebolaget. (See Trapp, C. A., and Hansson, assignors.)
Allott, Leonard R., and E. P. Miller, Pueblo, assignors to The Colorado Fuel and Iron Corporation, Denver, Colo. Treatment of creosote. 2,340,168; Jan. 25.
Alloy Processes Limited. (See Gentil, Henri L., assignor.)
All Purpose Gold Corporation. (See Quick, Frederick A., assignor.)
Allred, Ernest, San Francisco, assignor of forty-nine per cent to T. W. Jett, Oakland, Calif. Multiple purpose clothespin. 2,358,373; Sept. 19.
Allred, Ernest B., Beaumont, Tex., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Alkylation. 2,344,015; Mar. 14.
Allred, George W., Mayodan, N. C. Abrasive tool. 2,362,730; Nov. 14.
Allshouse, Harry A., and R. H. Dyer, assignors to Welder Patents Inc., Kansas City, Mo. Welding machine. 2,356,643; Aug. 22.
All-State Equipment Co. (See Suiter, George E., assignor.)
Allstatter, Edwin E., Middletown, Ohio. Sterilizer. 2,345,721; Apr. 4.
Allstock, Harry L., Covington, Va. BX armored cable cutter. 2,342,322; Feb. 22.
Allyn, Charles C., New Britain, assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Two-position switch. 2,344,938; Mar. 28.
Allyn, William N., Skaneateles, N. Y. Ophthalmoscope. 2,355,841; Aug. 15.
Alman, Samuel, Brookline, assignor to Eastern Paper Box Company Inc., Boston, Mass. Container. 2,339,665; Jan. 18.
Almen, John O., Royal Oak, assignor to General Motors Corporation, Detroit, Mich. Shot blasting test. 2,350,440; June 6.
Almen, John O., Royal Oak, assignor to General Motors Corporation, Detroit, Mich. Torque limiting clutch. 2,360,187; Oct. 10.
Almeroth, Herbert H., and F. Richardson, London, assignors to British Ropes Limited, Doncaster, England. Baling yarn. 2,357,864; Sept. 12.
Almgren, August E., Hillside, N. J., assignors to American Can Company, New York, N. Y. Container. 2,355,044; Aug. 8.
Almgren, August E., Hillside, N. J., assignor to American Can Company, New York, N. Y. Container handling machine. 2,357,799; Sept. 12.
Almond, John R., Cleveland, assignor to The Midland Steel Products Company, Cleveland, Ohio. Pneumatically assisted hydraulic brake system. 2,352,357; June 27.
Almond, John R., Cleveland, and H. B. Fitz Gerald, Rocky River, assignors to The Midland Steel Products Company, Cleveland, Ohio. Rotary valve. 2,351,732; June 20.
Almquist, Ephraim J., Winona, Minn. Surface finish comparator. 2,364,609; Dec. 12.
Almquist, Nils T., assignor to Landers, Frary & Clark, New Britain, Conn. Range indicator. 2,339,904; Jan. 25.
Almy, Ernest G. (See Hales, R. A., Almy, Young, and Pratt.)
Almy, Ernest G., Tamaqua, Pa., assignor to Atlas Powder Company, Wilmington, Del. Antioffset composition. 2,354,979; Aug. 1.
AlnCin, Inc. (See Sharpe, A. H., and Walker, assignors.)
AlnCin, Inc. (See Walker, Victor, assignor.)
Aloi, Millio F., Maywood, Calif. Well casing perforator. 2,351,179; June 16.
Alox Corporation. (See Camelford, James A., assignor.)
Alpak. (See Crane, Walton B., assignor.)
Alperin, Morton, Dayton, Ohio. Fluid flow indicating and measuring means. 2,352,607; July 4.
Alpha Products Company. (See Hurwitz, Julius, assignor.)
Alsdorf, James W., Winnetka, assignor to Cory Glass Coffee Brewer Co., Not Inc., Chicago, Ill. Hinge fitting for decanters. 2,359,189; Sept. 26.
Alsmark, Kurt O., Landskrona, Sweden. Producing emulsions of the oil in water type. 2,359,503; Oct. 3.
Altender, Theo., & Sons. (See Maness, Lucian, assignor.)
Altenkirch, Edmund, Neuenhagen, near Berlin, Germany; vested in the Alien Property Custodian. Air conditioning. 2,344,384; Mar. 14.
Alter, Harry, Co., The. (See Schaefer, Harold W., assignor.)
Altgelt, Herman E., South Bend, Ind., assignor to Oliver Farm Equipment Company. Plow. 2,359,600; Oct. 3.
Altgelt, Herman E., South Bend, Ind., assignor to Oliver Farm Equipment Company. Tractor implement attaching means. 2,361,362; Oct. 31.
Altgelt, Rudolph J. (See Gemberling, C. H., and Altgelt.)
Althen, Frank, assignor of one-half to E. R. Peelle, Columbus, Ohio. Resilient wheel. 2,342,718; Feb. 29.
Alther, Joseph G., assignor to Universal Oil Products Company, Chicago, Ill. Catalytic conversion of hydrocarbons. 2,346,652; Apr. 18.
Althoff, Lawrence A., Chicago, Ill. Range top structure. 2,361,916; Nov. 7.
Althoff, Lawrence A., Chicago, Ill. Stove or heater. 2,361,917; Nov. 7.
Altman, Fred E., assignor to Eastman Kodak Company, Rochester, N. Y. Lens. 2,343,629; Mar. 7.
Altman, Fred E., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic objective. 2,346,061; Apr. 4.
Altman, Fred E., assignor to Eastman Kodak Company, Rochester, N. Y. Lens. 2,346,062; Apr. 4.
Altman, Fred E., assignor to Eastman Kodak Company, Rochester, N. Y. Stadiametric range finder and viewer. 2,360,822; Oct. 24.
Altman, Frederick J. (See Rights, H. T., Bernarde, and Altman.)
Altman, Peter. (See Gerlach, G. T., Altman, and Koa.)
Altman, Peter. (See Koa, A. S., Gerlach, and Altman.)
Altoona Sanitary Laundry. (See Steinberg, Sander.)
Aluminum Company of America. (See Anderson, R. G., and Pollock, assignors.)
Aluminum Company of America. (See Carvey, George W., assignor.)
Aluminum Company of America. (See Colson, Herman H., assignor.)
Aluminum Company of America. (See Ennor, William T., assignor.)
Aluminum Company of America. (See Fletcher, Boynton J., assignor.)
Aluminum Company of America. (See Gardner, George R., assignor.)
Aluminum Company of America. (See Hogg, Emerson E., assignor.)
Aluminum Company of America. (See La Marca, John, assignor.)
Aluminum Company of America. (See McGill, James W., assignor.)
Aluminum Company of America. (See Menking, Heins, assignor.)
Aluminum Company of America. (See Michel, Mathias, assignor.)
Aluminum Company of America. (See Miller, Mike A., assignor.)
Aluminum Company of America. (See Nelson, D. G., and Runco, assignors.)
Aluminum Company of America. (See Pullan, Alfred N. D., assignor.)
Aluminum Company of America. (See Riesmeyer, August H., assignor.)
Aluminum Company of America. (See Stowe, Vernon M., assignor.)
Aluminum Company of America. (See Thomas, John W., assignor.)
Aluminum Company of America. (See Wood, Robert T., assignor.)
Aluminum Industries, Incorporated. (See Jung, N. A. and Tenkotte, assignors.)

Alvey, Leroy E. (See Bullard, E. P., III, Alvey, and Lange.)
Alvey, Leroy E. (See Bullard, E. P., III, Alvey, and Mussler.)
Alvey, Leroy E. (See Bullard, E. P., III, Mussler, Lange, Cowell, and Alvey.)
Alvira, Alfonso, Schenectady, N. Y., assignor to General Electric Company. Frequency modulation system. 2,339,608; Jan. 18.
Alwin Manufacturing Company. (See Slye, N. J., and Krueger, assignors.)
Amalgamated Dental Company, The. (See Cowper, Frank M., assignor.)
Amatnick, Ernest. (See Samburg, M., and Amatnick.)
Amberg, Walter E., Beverly Shores, Ind., assignor to Universal Paper Products Company, Chicago, Ill. Self-dispensing package. 2,351,470; June 13.
Ambler, Joseph A. (See Ventre, E. K., Ambler, Byall, and Henry.)
Ambrose, Henry A. (See McCarthy, P. R., and Ambrose.)
Amborse, Paul M., College Park, Md., assignor to Chicago Development Company, Chicago, Ill. Electrolytic deposition of manganese. 2,347,451; Apr. 25.
Ambrose, Samuel P., Chester, Pa., assignor to American Viscose Corporation, Wilmington, Del. Funnel bracket. 2,357,800; Sept. 12.
Ambruster, Cornelius, Roslyn, assignor to The Electric Storage Battery Company, Philadelphia, Pa. Vent structure for storage batteries. 2,362,335; Nov. 7.
Amdur, Leon H., Brooklyn, N. Y. Electric dry shaver. 2,347,869; May 2.
Amdur, Leon H., Brooklyn, N. Y. Electric dry shaver. 2,347,870; May 2.
Amdur, Leon H., Brooklyn, N. Y. Cinematographic method and device. 2,357,624; Sept. 5.
Amenabar, Arturo, Santiago, Chile. Treating copper ores. 2,357,990; Sept. 12.
Amend, Adolph, Jr. (See Engel, G. C., and Amend, Jr.)
Amend, Adolph, Jr., Harrington Park, and F. L. Eidmann, deceased, by E. I. Eidmann, Princeton, N. J., executrix, assignors to General Time Instruments Corporation, New York, N. Y. Synchronizing means for the hands of clocks. 2,359,459; Oct. 3.
Amer, Donald F., Newcastle-on-Tyne, England. Electric circuit breaker of the gas-blast type. 2,365,134; Dec. 12.
Amer, Donald F., and W. H. Webb, Newcastle-on-Tyne, assignors to A. Reyrolle & Company Limited, Hebburn-on-Tyne, England. Alternating current electric circuit breaker of the gas-blast type. 2,365,131; Dec. 12.
Amer, Donald F., Newcastle-on-Tyne, and A. Rawling, Wallsend-on-Tyne, assignors to A. Reyrolle & Company Limited, Hebburn-on-Tyne, England. Electric circuit breaker of the gas-blast type. 2,365,132; Dec. 12.
Amer, Donald F., and W. H. Webb, Newcastle-on-Tyne, assignors to A. Reyrolle & Company Limited, Hebburn-on-Tyne, England. Electric circuit breaker of the gas-blast type. 2,365,133; Dec. 12.
American Agricultural Chemical Company, The. (See Zbornik, Thomas W., assignor.)
American Aircraft Associates. (See Burrus, Paul B., assignor.)
American Anode Inc. (See Albright, Raymond W., assignor.)
American Anode Inc. (See Beal, Carl L., assignor.)
American Anode Inc. (See Feikert, Adrian H., assignor.)
American Anode Inc. (See Szegvari, Andrew, assignor.)
American Arch Company. (See Antill, Philip W., assignor.)
American Arch Company. (See Siegel, Chester A., assignor.)
American Bank Note Company. (See Menihan, Hugh, assignor.)
American Bosch Corporation. (See Erickson, Theodore A., assignor.)
American Bosch Corporation. (See Gibson, R. H., and Crocker, assignors.)
American Bosch Corporation. (See Kongsted, L. P., and Henschke, assignors.)
American Box Board Company. (See Kearns, Richard E., assignor.)
American Brake Company, The. (See Meuller, Emil G., assignor.)
American Brake Shoe Company. (See Fuller, Harold, assignor.)
American Brake Shoe Company. (See Habel, Berger R., assignor.)
American Brake Shoe Company, The. (See Houston, J. V., and Habel, assignors.)
American Brake Shoe Company. (See Irvin, Harry C., assignor.)
American Brake Shoe Company. (See Lidkea, Harvey J., assignor.)
American Brake Shoe Company. (See Morgan, Porter S., assignor.)
American Brake Shoe Company. (See Olson, Walter J., assignor.)
American Brake Shoe Company. (See Pogue, R. B., and Trainer, assignors.)
American Brake Shoe Company. (See Ratkowski, Thomas A., assignor.)
American Brake Shoe Company. (See Trainer, Maurice N., assignor.)
American Bridge Company. (See Sohn, Jesse S., assignor.)
American Broach & Machine Co. (See Podesta, John W., assignor.)
American Cabinet Hardware Corporation. (See Borchers, Earl, assignor.)
American Can Company. (See Almgren, August E., assignor.)
American Can Company. (See Atkinson, Reid G., assignor.)
American Can Company. (See Baechle, J. E., and Nicholls, assignors.)
American Can Company. (See Butler, William F., assignor.)
American Can Company. (See Eckman, George E., assignor.)
American Can Company. (See Elnloth, Henry, assignor.)
American Can Company. (See Erb, G. C., and Reese, assignors.)
American Can Company. (See Geertsen, Nelson, assignor.)
American Can Company. (See Gordon, J. H., Jr., and Grover, assignors.)
American Can Company. (See Hothersall, John M., assignor.)
American Can Company. (See Hothersall, J. M., and Murch, assignors.)
American Can Company. (See Hubbell, Arthur C., assignor.)
American Can Company. (See Jones, Lyman I., assignor.)
American Can Company. (See Jordan, Warren D., assignor.)
American Can Company. (See Krnse, Orlin O., assignor.)
American Can Company. (See Le Frank, John D., assignor.)
American Can Company. (See Macdonald, Alan J., assignor.)
American Can Company. (See Magill, Donald G., assignor.)
American Can Company. (See Martin, William M., assignor.)
American Can Company. (See Martin, William McK., assignor.)
American Can Company. (See Melzer, Julius, assignor.)
American Can Company. (See Morton, Wirt, and Magill, assignors.)
American Can Company. (See Nordquist, Ronald E. J., assignor.)
American Can Company. (See Nyden, Robert, assignor.)
American Can Company. (See Paynter, Horace J., assignor.)
American Can Company. (See Pechy, William, assignor.)
American Can Company. (See Peck, Carl F., assignor.)
American Can Company. (See Pelosi, Nicholas, assignor.)
American Can Company. (See Peterson, Howard B., assignor.)
American Can Company. (See Reese, Garland W., assignor.)
American Can Company. (See Reid, Robert W., assignor.)
American Can Company. (See Roberts, Fred O., assignor.)
American Can Company. (See Robinson, John E., assignor.)
American Can Company. (See Robinson, J. E., and Bigger, assignors.)
American Can Company. (See Robinson, M. E., and Henderson, assignors.)
American Can Company. (See Rooney, Walter E., assignor.)
American Can Company. (See Socke, John E.)
American Can Company. (See Sundell, Knute, assignor.)
American Can Company. (See Taylor, Russell C., assignor.)
American Can Company. (See Taylor, William E., assignor.)
American Can Company. (See Then, Edward O., assignor.)
American Can Company. (See Tofanelli, Olinto J., assignor.)
American Can Company. (See Vitense, Harold R., assignor.)
American Can Company. (See White, Richard J., assignor.)
American Can Company. (See Wilgus, Joseph F., assignor.)
American Can Company. (See Wobbe, Delbert E., assignor.)
American Can Company. (See Wolfe, H. J., and Greubel, assignors.)
American Car and Foundry Company. (See Anchor, Charles J., assignor.)
American Car and Foundry Company. (See Cassens, F. G., and Evans, assignors.)
American Car and Foundry Company. (See Christiansen, John, assignor.)
American Car and Foundry Company. (See Clade, Robert, assignor.)
American Car and Foundry Company. (See Claus, W. P., and Hill, assignors.)
American Car and Foundry Company. (See Evans, M. S., and Stolberg, assignors.)
American Car and Foundry Company. (See Folmsbee, Clyde H., assignor.)

American Car and Foundry Company. (See Golden, J. P., and Meyer, assignors.)
American Car and Foundry Company. (See Hummer, Charles I., assignor.)
American Car and Foundry Company. (See Joy, Robert W., assignor.)
American Car and Foundry Company. (See Kassler, Adolph, assignor.)
American Car and Foundry Company. (See Knox, David M., assignor.)
American Car and Foundry Company. (See Kump, Henry, assignor.)
American Car and Foundry Company. (See Maulding, Arthur W., assignor.)
American Car and Foundry Company. (See McBride, J. J., Schroeder, and Willoughby, assignors.)
American Car and Foundry Company. (See Pancake, Herman H., assignor.)
American Car and Foundry Company. (See Pancake, H. H., and Shields, assignors.)
American Car and Foundry Company. (See Shields, Robert A., assignor.)
American Car and Foundry Company. (See Sully, John, assignor.)
American Car and Foundry Company. (See Wrobbel, Rudolph, assignor.)
American Car and Foundry Investment Corporation. (See Stanton, Warren F., assignor.)
American Cast Iron Pipe Company. (See Moore, William D., assignor.)
American Chain & Cable Company. (See Bratz, Otto J., assignor.)
American Chain & Cable Company. (See Bratz, O. J., and Balmat, assignors.)
American Chain & Cable Company. (See Beyburn, John R., assignor.)
American Chain & Cable Company. (See Robinson, Harry G., assignor.)
American Chain & Cable Company. (See Southwell, R. J., and Conner, assignors.)
American Chicle Company. (See Hartwig, C. E., and Lougovoy, assignors.)
American Coach & Body Company, The. (See Kelleher, Daniel, assignor.)
American Coach & Body Company, The. (See Kelleher, D., and Holan, assignors.)
American Coach & Body Company, The. (See Troche, H. J., and Holan, assignors.)
American Coating Mills, Inc. (See Gilbert, Clyde L., assignor.)
American Crucible Company. (See Hubbell, George T., assignor.)
American Cutting Alloys, Inc. (See Schwarzkopf, Paul, assignor.)
American Cyanamid Company. (See Anderson, George W., assignor.)
American Cyanamid Company. (See Barnes, R. B., and Moore, assignors.)
American Cyanamid Company. (See Ashley, Kenneth D., assignor.)
American Cyanamid Company. (See Ashley, K. D., and Cook, assignors.)
American Cyanamid Company. (See Barnes, R. B. and Moore, assignors.)
American Cyanamid Company. (See Boor, Ladislav, assignor.)
American Cyanamid Company. (See Booth, Robert B., assignor.)
American Cyanamid Company. (See Bradley, Theodore F., assignor.)
American Cyanamid Company. (See Caryl, C. R., Thurston and Kaiser, assignors.)
American Cyanamid Company. (See Cassaday, Jack T., assignor.)
American Cyanamid Company. (See Christmann, L. J., Jayne, and Erickson, assignors.)
American Cyanamid Company. (See Cook, E. W., and Moss, assignors.)
American Cyanamid Company. (See Cook, E. W., and Thomas, assignors.)
American Cyanamid Company. (See Davis, Arnold R., assignor.)
American Cyanamid Company. (See Davis, H. S., and Newey, assignors.)
American Cyanamid Company. (See Dean, Russell T., assignor.)
American Cyanamid Company. (See Dean, R. T., and Hook, assignors.)
American Cyanamid Company. (See Dricks, Walter P., assignor.)
American Cyanamid Company. (See Ericks, W. P., and Meincke, assignors.)
American Cyanamid Company. (See Ericks, W. P., and Williams, assignors.)
American Cyanamid Company. (See Faith, H. R., and Winsek, assignors.)
American Cyanamid Company. (See Feinstone, Wolfe H., assignor.)
American Cyanamid Company. (See Foster, G. H., and Lento, assignors.)
American Cyanamid Company. (See Grant, Orin B., assignor.)
American Cyanamid Company. (See Grim, J. M., and Niedercorn, assignors.)
American Cyanamid Company. (See Hechenbleikner, Ingenuin, assignor.)
American Cyanamid Company. (See Hedley, N., and Kress, assignors.)
American Cyanamid Company. (See Herkenhoff, Earl C., assignor.)
American Cyanamid Company. (See Hood, Robert L., assignor.)
American Cyanamid Company. (See Howard, Kenneth L., assignor.)
American Cyanamid Company. (See Hultquist, Martin E., assignor.)
American Cyanamid Company. (See Jayne, David W., Jr., assignor.)
American Cyanamid Company. (See Jayne, D. W., Jr., and Day, assignors.)
American Cyanamid Company. (See Jayne, D. W., Jr., Day, and Erickson, assignors.)
American Cyanamid Company. (See Jayne, D. W., Jr., Day, and Gieseke, assignors.)
American Cyanamid Company. (See Johnston, E. P., Jr., and van Loo, assignors.)
American Cyanamid Company. (See Johnston, William B., assignor.)
American Cyanamid Company. (See Kaiser, Donald W., assignor.)
American Cyanamid Company. (See Kienle, R. H., and Amick, assignors.)
American Cyanamid Company. (See Kienle, R. H., Amick, and Kerns, assignors.)
American Cyanamid Company. (See Kienle, R. H., Park, Benbrook, and Grieb, assignors.)
American Cyanamid Company. (See Kienle, R. H., and Petke, assignors.)
American Cyanamid Company. (See Kirk, P. M., and McClellan, assignors.)
American Cyanamid Company. (See Kirk, P. M., and Paden, assignors.)
American Cyanamid Company. (See Kropa, Edward L., assignor.)
American Cyanamid Company. (See Kuh, Erwin, assignor.)
American Cyanamid Company. (See Lacey, H. T., and Lecher, assignors.)
American Cyanamid Company. (See Landes, Chester G., assignor.)
American Cyanamid Company. (See Laury, Napoleon A., assignor.)
American Cyanamid Company. (See Light, D. W., and Nute, assignors.)
American Cyanamid Company. (See Maust, E. J., and Hollingsworth, assignors.)
American Cyanamid Company. (See McClellan, P. P., and Bacon, assignors.)
American Cyanamid Company. (See McClellan, P. P., and Ericks.)
American Cyanamid Company. (See McLachlan, Dan, Jr., assignor.)
American Cyanamid Company. (See McClellan, P. P., and Ericks, assignors.)
American Cyanamid Company. (See Mead, H. L., and Maust, assignors.)
American Cyanamid Company. (See Mecco, Jerry M., assignor.)
American Cyanamid Company. (See Meincker, Edmund B., assignor.)
American Cyanamid Company. (See Migridichian, Varthes, assignor.)
American Cyanamid Company. (See Moore, William, assignor.)
American Cyanamid Company. (See Northey, Elmore H., assignor.)
American Cyanamid Company. (See Northey, E. H., and Hultquist, assignors.)
American Cyanamid Company. (See Oldham, Wilbur N., assignor.)
American Cyanamid Company. (See Orem, Henry P., assignor.)
American Cyanamid Company. (See Osborne, John L., assignor.)
American Cyanamid Company. (See Pelker, Alfred L., assignor.)
American Cyanamid Company. (See Pineo, Orrin W., assignor.)
American Cyanamid Company. (See Ripper, Kurt E., assignor.)
American Cyanamid Company. (See Roblin, Richard O., Jr., assignor.)
American Cyanamid Company. (See Roblin, R. O., Jr., and Anderson, assignors.)
American Cyanamid Company. (See Roblin, R. O., Jr., and Winnek, assignors.)
American Cyanamid Company. (See Salvin, V. S., and Hill, assignors.)
American Cyanamid Company. (See Schroy, Paul C., assignor.)
American Cyanamid Company. (See Shepard, S. W., and Magielnicki, assignors.)
American Cyanamid Company. (See Shurcliff, William A., assignor.)
American Cyanamid Company. (See Stearns, Edwin L., Jr., assignor.)
American Cyanamid Company. (See Stiegler, H. W., and Finck, assignors.)

American Cyanamid Company. (See Swain, R. C., and Adams, assignors.)
American Cyanamid Company. (See Thurston, Jack T., assignor.)
American Cyanamid Company. (See Thurston, J. T., and Grim, assignors.)
American Cyanamid Company. (See Thurston, J. T., and Nagy, assignors.)
American Cyanamid Company. (See Thurston, J. T., and Sperry, assignors.)
American Cyanamid Company. (See Tomlinson, William R., Jr., assignor.)
American Cyanamid Company. (See Uncles, R. F., and Kurtz, assignors.)
American Cyanamid Company. (See Vitalis, Emil A., assignor.)
American Cyanamid Company. (See Watkins, W. H., Clark, and Swanson, assignors.)
American Cyanamid Company. (See West, Herbert J., assignor.)
American Cyanamid Co. (See Williams, James H., assignor.)
American Cyanamid Company. (See Wohnsiedler, H. P., and Thomas, assignors.)
American Cyanamid & Chemical Corporation. (See Clark, Charles H., assignor.)
American Cyanamid & Chemical Corporation. (See Young, Guy B., assignor.)
American Dairies Incorporated, et al. (See Graham, William R., Jr., assignor.)
American Diagrid Corporation. (See Szego, Stephen D., assignor.)
American Display Company, The. (See Dunkelberger, Milton S., assignor.)
American District Telegraph Company. (See Evans, Francis C., assignor.)
American District Telegraph Company. (See Farmer, P. M., and Bloser, assignors.)
American District Telegraph Company. (See Farmer, P. M., Bloser, and Kleinknecht, assignors.)
American District Telegraph Company. (See Lindsay, M. H. A., and Woloschak, assignors.)
American District Telegraph Company. (See Muehter, Manfred W., assignor.)
American Dyewood Company. (See Drew, Raymond L., assignor.)
American Electric Fusion Corporation. (See von Henke, Edmund J., assignor.)
American Electrical Heater Company. (See Kuhn, F., and Thomas, assignors.)
American Electro Metal Corporation. (See Goetzel, Claus G., assignor.)
American Elevator & Machine Company. (See Hadsel, Harry, assignor.)
American Engineering Company. (See Bennett, Joseph S., assignor.)
American Engineering Company. (See Koons, Charles V., assignor.)
American Engineering Company. (See Lawrence, Howard F., assignor.)
American Engineering Company. (See Oberholtzer, Paul N., assignor.)
American Enka Corporation. (See Bouhuys, A. G., and Carico, assignors.)
American Enka Corporation. (See Henry, William V., assignor.)
American Enka Corporation. (See Jackson, Arthur L., assignor.)
American Enka Corporation. (See Jacokes, J. W., Schilthuis, and Thurmond, assignors.)
American Enka Corporation. (See Koch, Theodoor, assignor.)
American Enka Corporation. (See Morits, A. J. L., Jackson, and Thurmond, assignors.)
American Enka Corporation. (See Polak, James J., assignor.)
American Fastener Company, The. (See Klessling, Max, assignor.)
American Felt Company. (See Boeddinghaus, Hugo, assignor.)
American Fork & Hoe Company. (See Wood, Conrad, assignor.)
American Foundry Equipment Company, The. (See Lehman, Edgar A., assignor.)
American Foundry Equipment Company, The. (See Turnbull, David C., assignor.)
American Gas Accumulator Company. (See Abramson, H., and Eckers, assignors.)
American Gas Accumulator Company. (See Oestnaes, Victor L., assignor.)
American Geochemical Corporation. (See Beckman, Arnold O., assignor.)
American Hard Rubber Company. (See Reppert, Roland, assignor.)
American Hard Rubber Company. (See Siedschlag, K. G., and Hildring, assignors.)
American Hardware Corporation, The. (See Gold, Russell S., assignor.)
American Hatters and Furriers Company, Incorporated. (See Mercier, Warren C., assignor.)
American Heat Reclaiming Corporation. (See Setterwall, Folke N. H., assignor.)
American Heat Reclaiming Corporation. (See Ström, Sven G., assignor.)
American Hoist & Derrick Company. (See Ljungkull, Rolf E., assignor.)
American Hoist & Derrick Company. (See Stoddard, Robert J., assignor.)
American Home Products Corporation. (See Miller, Louis P., assignor.)
American Home Products Corporation. (See Wisansky, Walter A., assignor.)
American Houses, Inc. (See McLaughlin, Robert W., Jr., assignor.)
American Houses, Inc. (See Taylor, Walter K., assignor.)
American Hyalsol Corporation. (See Bertsch, Heinrich, assignor.)
American Instrument Company. (See Russell, George W., Jr., assignor.)
American Ironing Machine Co. (See Peters, Arthur H., assignor.)
American-La France-Foamite Corporation. (See Aldrich, Leo S., assignor.)
American-LaFrance-Foamite Corporation. (See Lindsay, Charles H., assignor.)
American-La France-Foamite Corporation. (See Sheppard, Allan G., assignor.)
American-La France-Foamite Corporation. (See White, Clifford B., assignor.)
American Laundry Machinery Company, The. (See Bicknell, George R., assignor.)
American Laundry Machinery Company, The. (See Bicknell, G. R., and Heidenfelder, assignors.)
American Laundry Machinery Company, The. (See Couch, Forrest J., assignor.)
American Laundry Machinery Company, The. (See Matthews, A., Pauly, and Maxon, assignors.)
American Laundry Machinery Company, The. (See Pauly, Robert C., assignor.)
American Laundry Machinery Company, The. (See Preston, John E., assignor.)
American Laundry Machinery Company, The. (See Vermilya, James N., assignor.)
American Lead Pencil Company. (See Juelss, David, assignor.)
American Lecithin Company. (See Eichberg, Joseph, assignor.)
American Locomotive Company. (See Farkas, G. B., and Gunter, assignors.)
American Locomotive Company. (See Gunter, Addison Y., assignor.)
American Locomotive Company. (See Harrington, Arthur P., assignor.)
American Locomotive Company. (See Reichheim, Edward, assignor.)
American Locomotive Company. (See Vaughan, P. S., and Infanger, assignors.)
American Lumber & Treating Co. (See Gottschalk, F. W., and Angell, assignors.)
American Machine & Foundry Company. (See Arelt, Charles, assignor.)
American Machine and Foundry Company. (See Di Ianni, Frank, assignor.)
American Machine and Foundry Company. (See Naftali, Valentine, assignor.)
American Machine and Foundry Company. (See Patterson, M., and Rundell, assignors.)
American Machine & Foundry Company. (See Rundell, Rupert E., assignor.)
American Machine & Foundry Company. (See Schmidt, A. J., and Jackson, assignors.)
American Machine and Foundry Company. (See Stein, J. A., and Whipple, assignors.)
American Machine & Foundry Company. (See Tone, Frederick F., assignor.)
American Machine & Foundry Co. (See Warren, James W., assignor.)
American Machine & Foundry Company. (See Weida, Millard F., assignor.)
American Machine & Foundry Company. (See Wells, Franklin H., assignor.)
American Machine & Foundry Company. (See Whitaker, Uncas A., assignor.)
American Machine and Metals, Inc. (See Bassett, Rex E., Jr., assignor.)
American Machine and Metals, Inc. (See Bryson, Tandy A., assignor.)
American Machine and Metals, Inc. (See Davis, Archibald H., Jr., assignor.)
American Machine and Metals, Inc. (See Lyon, S. W., and Huyser, assignors.)
American Machine and Metals, Inc. (See Webb, Albert E., assignor.)
American Maize-Products Company. (See Buchanan, B. F., and Drury, assignors.)
American Maize-Products Company. (See Buchanan, B. F., and Lloyd, assignors.)
American Maize-Products Company. (See Lloyd, R. L., and Prentiss, assignors.)
American Maize-Products Company. (See Schopmeyer, H. H., and Arnold, assignors.)
American Maize-Products Company. (See Schopmeyer, H. H., and Felton, assignors.)
American Maize-Products Company. (See Schopmeyer, H. H., and Kaufmann, assignors.)
American Maize-Products Company. (See Walsh, J. F., and Miller, assignors.)

American Maize-Products Company. (See Weber, Harry M., assignor.)
American Manufacturing Company. (See Robinson, H. C., and Challis, assignors.)
American Marine Engineering Corporation. (See Moore, V. B., and Tsoneff, assignors.)
American Measuring Instruments Corporation. (See Roger, Henry, assignor.)
American Metal Company, Limited, The. (See Bierly, Nevin R., assignor.)
American Metal Company, Limited. (See Graves, Ritson H., assignor.)
American Metal Company, Limited. (See Monson, Walter T., assignor.)
American Metal Crafts Company. (See Okerholm, C. H., and Pasquale, assignors.)
American Molded Products Co. (See Moxey, Fred W., assignor.)
American MonoRail Company, The. (See Harris, Frank C., assignor.)
American Nepheline Corporation. (See Hubler, William G., assignor.)
American Optical Company. (See Bennett, A. H., and Estey, assignors.)
American Optical Company. (See Bennett, A. H., Estey, and Styll, assignors.)
American Optical Company. (See Bernheim, Daniel P., assignor.)
American Optical Company. (See Bernheim, D. P., and Glasberg, assignors.)
American Optical Company. (See Canning, William P., assignor.)
American Optical Company. (See Carlson, George W., assignor.)
American Optical Company. (See Casavant, Stuart F., assignor.)
American Optical Company. (See Cozzens, C. O., and Splaine, assignors.)
American Optical Company. (See Jarrett, Tracy C., assignor.)
American Optical Company. (See Joyce, William J., assignor.)
American Optical Company, et al. (See Kelleher, Joseph T., assignor.)
American Optical Company. (See Lehmberg, William H., assignor.)
American Optical Company. (See Moulton, Harold R., assignor.)
American Optical Company. (See Peck, W. F., and Gradisar, assignors.)
American Optical Company. (See Pincus, Alexis G., assignor.)
American Optical Company. (See Riller, Joseph M., assignor.)
American Optical Company. (See Schauweker, George H., assignor.)
American Optical Company. (See Splaine, Edward M., assignor.)
American Optical Company. (See Splaine, E. M., and Lehmberg, assignors.)
American Optical Company. (See Tillyer, E. D., Silverberg, and Bernheim, assignors.)
American Optical Company. (See Wrighton, W. J., and Jarrett, assignors.)
American Ore Reclamation Company. (See Shallock, Edward W., assignor.)
American Ore Reduction Corporation. (See Hodson, Frank, and Hirsch, assignors.)
American Ozone Company. (See Daily, James M., assignor.)
American Pad & Textile Company, The. (See Brown, Frederick L., assignor.)
American Paper Bottle Company, The. (See Martin, Clair L., assignor.)
American Paper Bottle Company, The. (See Monroe, Charles Z., assignor.)
American Paper Bottle Company, The. (See Spurr, Robert, assignor.)
American Pattern and Manufacturing Co. (See Miller, Raymond J., assignor.)
American Photocopy Equipment Co. (See Creange, Arthur L., assignor.)
American Pipe and Construction Co. (See Jenkins, Fred F., assignor.)
American Pipe & Steel Corporation. (See Lane, Jack, assignor.)
American Platinum Works, The, et al. (See Comstock, Gregory J., assignor.)
American Potash & Chemical Corporation. (See Black, L. G., Fitch, and Suhr, assignors.)
American Racing Pigeon Union, The. (See Woodhall, Edwin J., assignor.)
American Radiator & Standard Sanitary Corporation. (See Georg, Bernard, assignor.)
American Reenforced Paper Company. (See Jackson, P. T., Jr., and Anderson, assignors.)
American Research and Development Corp. (See Rollman, E. E., and Beauvais, assignors.)
American Rolling Mill Company, The. (See Ashworth, James E., assignor.)
American Rolling Mill Company, The. (See Carpenter, V. W., Jackson, and Lucas, assignors.)
American Rolling Mill Company, The. (See Cleve, Arthur F., assignor.)
American Rolling Mill Company, The. (See Gage, G., and Hughes, assignors.)
American Rolling Mill Company, The. (See Hays, N. E., Hoover, and Taylor, assignors.)
American Rolling Mill Company, The. (See Hudson, Edwin B., assignor.)
American Rolling Mill Company, The. (See Hudson, E. B., and Schiup, assignors.)
American Rolling Mill Company, The. (See Shafer, George E., assignor.)
American Rolling Mill Company, The. (See Spaulding, A. W., and Robertson, assignors.)
American Rolling Mill Company, The. (See Washburn, Donald H., assignor.)
American Safety Razor Corporation. (See Kleinmann, Max, assignor.)
American Sales Book Company. (See Fleming, John S., assignor.)
American Sales Book Company. (See Hageman, Louis F., assignor.)
American Sales Book Company. (See Mosher, Ferdinand H., assignor.)
American Screw Company. (See Clark, Eugene E., assignor.)
American Screw Company. (See Muenchinger, Herman G., assignor.)
American Screw Company. (See Tomalis, Joseph J., assignor.)
American Seal-Kap Corporation of Delaware. (See Clark, K., and Vore, assignors.)
American Seal-Kap Corporation of Delaware. (See Goodwin, C. W., Martin, and Vore, assignors.)
American Seal-Kap Corporation of Delaware. (See Storrs, Arnold B., assignor.)
American Seating Company. (See Lee, Roger K., assignor.)
American Seating Company. (See Orton, Merritt K., assignor.)
American Securit Company, The. (See Long, Bernard, assignor.)
American Signal Company. (See Ivey, J. W., and Owens, assignors.)
American Smelting and Refining Company. (See Beckes, Lloyd M., assignor.)
American Smelting and Refining Company. (See Blumenthal, Bernhard, assignor.)
American Smelting and Refining Company. (See Crane, R. G., and Perkins, assignors.)
American Smelting and Refining Company. (See Fleming, E. P., and McIntosh, assignors.)
American Smelting and Refining Company. (See Gall, C., and Prucha, assignors.)
American Smelting and Refining Company. (See Harris, Charles H., assignor.)
American Smelting and Refining Company. (See Lebedeff, Yurii E., assignor.)
American Smelting and Refining Company. (See Lister, Thomas R., assignor.)
American Smelting and Refining Company. (See Muse, Robert B., assignor.)
American Smelting and Refining Company. (See Phillips, A. J., and Linford, assignors.)
American Smelting and Refining Company. (See Phillips, A. J., and Smith, assignors.)
American Smelting and Refining Company. (See Porter, Carroll B., assignor.)
American Smelting and Refining Company. (See Reinhardt, J. C., and Sexton, assignors.)
American Smelting and Refining Company. (See Shaw, Charles H., assignor.)
American Smelting and Refining Company. (See Shepard, H. M., and Knlerim, assignors.)
American Steam Automobile Company. (See Anderson, A. G., and Derr, assignors.)
American Steam Automobile Company. (See Derr, Thomas S., assignor.)
American Steel Derrick Company. (See Funk, Frank A., assignor.)
American Steel Dredge Company Inc. (See Rauch, John D., assignor.)
American Steel Foundries. (See Aurien, Ray G., assignor.)
American Steel Foundries. (See Aurien, R. G., and Whitney, assignors.)
American Steel Foundries. (See Bachman, Fred E., assignor.)
American Steel Foundries. (See Baselt, Walter H., assignor.)
American Steel Foundries. (See Cottrell, Robert B., assignor.)
American Steel Foundries. (See Flesch, Norman, assignor.)
American Steel Foundries. (See Heater, Charles L., assignor.)
American Steel Foundries. (See Helsten, Welsey A., assignor.)
American Steel Foundries. (See Kinne, Edmund P., assignor.)
American Steel Foundries. (See Lehrman, Leo A., assignor.)
American Steel Foundries. (See Light, David M., assignor.)
American Steel Foundries. (See Maatman, E. J., and Clasen, assignors.)

American Steel Foundries. (See Oelkers, Alfred H., assignors.)
American Steel Foundries. (See Parke, Torsten H., assignor.)
American Steel Foundries. (See Rydin, Carl N., assignor.)
American Steel Foundries. (See Tack, Carl E., assignor.)
American Steel Foundries. (See Tack, C. E., and Helsten, assignors.)
American Steel Package Company, The. (See Goshia, Herman C., assignor.)
American Steel & Wire Company of New Jersey, The. (See Aldrich, Wilfred O., assignor.)
American Steel and Wire Company of New Jersey, The. (See Beckett, Rollin B., assignor.)
American Steel and Wire Company of New Jersey, The. (See Beckwith, Glenwood J., assignor.)
American Steel and Wire Company of New Jersey, The. (See Bletso, B. N., Hood, and Morgan, assignors.)
American Steel & Wire Company of New Jersey, The. (See Brickman, Alan E., assignor.)
American Steel and Wire Company of New Jersey, The. (See Dentzer, C. J., Shurmer, and Vanek, assignors.)
American Steel and Wire Company of New Jersey, The. (See De Wits, Alfred E. E., assignor.)
American Steel and Wire Company of New Jersey, The. (See Dyer, Daniel P., Jr., assignor.)
American Steel & Wire Company of New Jersey, The. (See Elder, Flint C., assignor.)
American Steel & Wire Company of New Jersey, The. (See Elder, F. C., Henry, and Reed, assignors.)
American Steel and Wire Company of New Jersey, The. (See Febrey, Harold H., assignor.)
American Steel & Wire Company of New Jersey, The. (See Fenner, James M., assignor.)
American Steel and Wire Company of New Jersey, The. (See Harper, Arthur C., Jr., assignor.)
American Steel and Wire Company of New Jersey, The. (See Harris, Arch W., assignor.)
American Steel and Wire Company of New Jersey, The. (See Harris, A. W., and Henry, assignors.)
American Steel and Wire Company of New Jersey, The. (See Harter, Noah S., assignor.)
American Steel and Wire Company of New Jersey, The. (See Hillix, Foster F., assignor.)
American Steel and Wire Company of New Jersey, The. (See King, A. J., and Robbins, assignors.)
American Steel and Wire Company of New Jersey, The. (See Lisy, John, assignor.)
American Steel and Wire Company of New Jersey, The. (See Papasian, Martin S., assignor.)
American Steel & Wire Company of New Jersey, The. (See Peterson, C. H., and Moren, assignors.)
American Steel and Wire Company of New Jersey, The. (See Roitz, Joseph M., assignor.)
American Steel and Wire Company of New Jersey, The. (See Sengenberger, Donald F., assignor.)
American Steel and Wire Company of New Jersey, The. (See Symnes, Daniel D., assignor.)
American Steel and Wire Company, The. (See Baster, Joseph D., assignor.)
American Steel and Wire Company, The. (See Brickman, A. E., and Trott, assignors.)
American Steel and Wire Company, The. (See De Lamatter, W. W., and Hume, assignors.)
American Steel and Wire Company, The. (See Harter, Noah S., assignor.)
American Steel and Wire Company, The. (See Horwedel, Charles R., assignor.)
American Steel and Wire Company, The. (See Peskin, Leonard C., assignor.)
American Steel and Wire Company, The. (See Sieurin, Oke S., assignor.)
American Steel and Wire Company, The. (See Symmes, Daniel D., assignor.)
American Steel and Wire Company, The. (See Walker, Chandler, assignors.)
American Steriliser Company. (See Alexander, Horace W., assignor.)
American Stove Company. (See Kauffman, L. S., and Douglas, assignors.)
American Stove Company. (See Moecker, H., Jr., and Lotter, assignors.)
American Stove Company. (See Moecker, H., Jr., Frick, Meacham, and White, assignors.)
American Stove Company. (See Stockstrom, Arthur, assignor.)
American Stove Company. (See Stockstrom, A., and Eichelsbach, assignors.)
American Sundries Company. (See Hettinger, George, assignor.)
American Tag Company. (See Swett, D. M., and Van Tuyl, assignors.)
American Tag Company. (See Van Tuyl, Sidney E., assignor.)
American Telephone and Telegraph Company. (See Anspach, Russell J., assignor.)
American Telephone and Telegraph Company. (See Anspach, R. J., and Martin, assignors.)
American Telephone and Telegraph Company. (See Bixel, Edward C., assignor.)
American Telephone and Telegraph Company. (See Blessing, Leonard M., assignor.)
American Telephone and Telegraph Company. (See Borgeson Carl A., assignor.)
American Telephone and Telegraph Company. (See Bromm, Fred H., assignor.)
American Telephone and Telegraph Company. (See Brooks, C. E., assignor, and Flint.)
American Telephone and Telegraph Company. (See Freeman, Albert E., assignor.)
American Telephone and Telegraph Company. (See Green, E. I., and Monk, assignors.)
American Telephone and Telegraph Company. (See Jacobsen, Morris H. L., assignor.)
American Telephone and Telegraph Company. (See Kennedy, William J., assignor.)
American Telephone and Telegraph Company. (See MacKen, Harold I., assignor.)
American Telephone and Telegraph Company. (See Martin, Wade E., assignor.)
American Telephone and Telegraph Company. (See Martin, W. B., and Weinmann, assignors.)
American Telephone and Telegraph Company. (See Miller, Arthur G., assignor.)
American Telephone and Telegraph Company. (See Moody, D. L., Newby, and Shipley, assignors.)
American Telephone and Telegraph Company. (See Neiswinter, James T., assignor.)
American Telephone and Telegraph Company. (See Neiswinter, J. T., and Horsey, assignor.)
American Telephone and Telegraph Company. (See Newell, Charles E., assignor.)
American Telephone and Telegraph Company. (See Perry, Donald B., assignor.)
American Telephone and Telegraph Company. (See Rank, Paul J., assignor.)
American Telephone and Telegraph Company. (See Rhoads, Charles S., assignor.)
American Telephone and Telegraph Company. (See Rose, Allen M., assignor.)
American Telephone and Telegraph Company. (See Roundburg, Eric A., assignor.)
American Telephone and Telegraph Company. (See Soderholm, J. S., and Breen, assignors.)
American Telephone and Telegraph Company. (See Weber, Edward H., Jr., assignor.)
American Telephone and Telegraph Company. (See Wiegand, Frank H., assignor.)
American Thermometer Company. (See Eskin, Samuel G., assignor.)
American Throttle Company. (See Scott, James K., assignor.)
American Tobacco Company, The. (See Brashear, Douglas W., assignor.)
American Tool & Machine Co. (See Tholl, John F., assignor.)
American Tool Works Company, The. (See Hoelscher, William G., assignor.)
American Tool Works Company, The. (See Kullman, A., and Waltz, assignors.)
American Type Founders, Incorporated. (See Kauffeld, Theodore J., assignor.)
American Type Founders Incorporated. (See Sanford, David P., assignor.)
American Type Founders, Incorporated. (See Yardeny, Michel M., assignor.)
American Viscose Corporation. (See Ambrose, Samuel P., assignor.)
American Viscose Corporation. (See Boyce, G. L., and Castellan, assignors.)
American Viscose Corporation. (See Bradnack, J. H., Thompson, and Folmer, assignors.)
American Viscose Corporation. (See Carroll, Furman G., assignor.)
American Viscose Corporation. (See Castellan, Carl A., assignor.)
American Viscose Corporation. (See Cole, Paul M., assignor.)
American Viscose Corporation. (See Collins, Benjamin W., assignor.)
American Viscose Corporation. (See Davidson, H. O., and McDermott, assignors.)
American Viscose Corporation. (See Denyssen, Ivanhoe P., assignor.)
American Viscose Corporation. (See Denyssen, I. P., and Pfalzgraff, assignors.)
American Viscose Corporation. (See Francis, Carleton S., Jr., assignor.)
American Viscose Corporation. (See Hanse, William C., assignor.)
American Viscose Corporation. (See Heymann, Karl, assignor.)
American Viscose Corporation. (See Hollihan, John P., Jr., assignor.)
American Viscose Corporation. (See Lodge, Alvin, assignor.)
American Viscose Corporation. (See Long, Frederick F., assignor.)
American Viscose Corporation. (See McDermott, Henry J., assignor.)
American Viscose Corporation. (See Pistor, Christel, assignor.)
American Viscose Corporation. (See Shontz, William, assignor.)
American Viscose Corporation. (See Spangler, L. K., and Pratt, assignors.)

American Viscose Corporation. (See Spangler, L. K., and Schrader, assignors.)
American Viscose Corporation. (See Thompson, Donald C., assignor.)
American Viscose Corporation. (See Wedler, Frederick C., assignor.)
American Voith Contact Company. (See Kieser, Hugo, assignor.)
American Voith Contact Co. Inc. (See Schumacher, Fritz, assignor.)
American Well & Prospecting Company. (See Anderson, Carl M., assignor.)
American Well Works, The. (See Walker, James D., assignor.)
American Window Glass Company. (See Grein, S. F., and Magnini, assignors.)
American Window Glass Company. (See Klages, Norman H., assignor.)
American Window Glass Company. (See Welhs, Theodor G., assignor.)
American Window Glass Company. (See White, Theodore G., assignor.)
American Wood-Preservers' Association. (See Seiler, James F. assignor.)
American Wood Products. (See Wasiewicz, N., and Czarnecki, assignors.)
American Zinc, Lead & Smelting Company. (See MacIntire, Walter H., assignor.)
American Zinc, Lead & Smelting Company. (See Monk, Reginald M., assignor.)
Ames, Adelbert, Jr., Hanover, N. H. Demonstrating and testing visual space perception. 2,340,856; Feb. 8.
Ames, Fitz-Gerald, et al. (See Downey, James J., assignor.)
Ames, Forrest C. (See Jones, B. M., and Ames.)
Ames, Raymond A. (See Winberg, T. W., and Ames.)
Ames, W. R., Company. (See Folsom, Rolfe A., assignor.)
Amick, Chester A. (See Kienle, R. H., and Amick.)
Amick, Chester A. (See Kienle, R. H., Amick, and Kerns.)
Amino Products Corporation. (See Van Valkenburgh, Edward A., assignor.)
Ammen, Francis D., Los Angeles, Calif. Rein-pull recorder. 2,341,534; Feb. 15.
Ammon, Conrad, Jr., Cincinnati, Ohio, assignor to United Shoe Machinery Corporation, Flemington, N. J. Stiffening portions of the uppers of shoes. 2,339,448; Jan. 18.
Ammon, Edward R., Reading, Pa. Hosiery inspecting machine. 2,363,380; Nov. 21.
Amner, Harry W. (See Pruiett, C. L., and Amner.)
Amos, Howard W., assignor of one-third to T. B. McCarthy, Syracuse, N. Y., and one-third to J. D. Clark, Chicago, Ill. Bellows cushion for upholstery. 2,350,711; June 6.
Amos, James L. (See Frank, J. C., Amos, and Straubel.)
Amos, James L., R. H. Boundy and K. E. Stober, assignors to The Dow Chemical Company, Midland, Mich. Producing carbon bisulphide. 2,350,320; June 6.
Amphibian Car Corporation. (See Hotheine, R. W., Harrington, Thomas, and Dubosciard, assignors.)
Amrine, Leclare H., assignor to Imperial Molded Products Corporation, Chicago, Ill. Insert for molded articles. 2,345,371; Mar. 28.
Ams, Max, Machine Company, The. (See Brenzinger, Julius, assignor.)
Amsden, George H., Farmington, N. Mex. Oil clarifier. 2,339,158; Jan. 4.
Amsden, Ralph D., Lynn, Mass., assignor to General Electric Company. Battery servicing. 2,347,452; Apr. 25.
Amsler-Morton Company, The. (See Morton, William A., assignor.)
Amstutz, Albert, Bowling Green Township, Marion County, Ohio. Strainer holder. 2,349,691; May 23.
Amstus, John O., assignor to Behr-Manning Corporation, Troy, N. Y. Apparatus for coating. 2,356,489; Aug. 22.
Amtsberg, Lester A. (See Maginniss, H. J., and Amtsberg.)
Amtsberg, Lester A., Cleveland, Ohio, assignor to Chicago Pneumatic Tool Company, New York, N. Y. Impact tool. 2,341,497; Feb. 8.
Amyot, Louis J. A., Quebec, Quebec, Canada. Girdle. 2,360,032; Oct. 10.
Anabolic Food Products, Inc. (See Wigelsworth, Arthur E., assignor.)
Anaconda Copper Mining Company. (See Frick, Frederick P., assignor.)
Anaconda Copper Mining Company. (See Nelson, James J., assignor.)
Anaconda Copper Mining Company. (See Ruckwardt, Kurt F., assignor.)
Anaconda Wire and Cable Company. (See Bruining, Carl, assignor.)
Anaconda Wire and Cable Company. (See Engh, Harold V., assignor.)
Anastasoff, Vladimir. (See Weiss, F. T., and Anastasoff.)
Anchor Cap & Closure Corporation. (See Geertsema, Kenneth B., assignor.)
Anchor Cap & Closure Corporation. (See Gibbs, John C., assignor.)
Anchor Cap & Closure Corporation. (See Von Till, Louis A., assignor.)
Anchor, Charles J., Buffalo, assignor to American Car and Foundry Company, New York, N. Y. Article carrier. 2,363,276; Nov. 21.
Anchor Hocking Glass Corporation. (See Bell, William D., assignor.)
Anchor Hocking Glass Corporation. (See Gibbs, John C., assignor.)
Anchor Hocking Glass Corporation. (See McNamara, William L., assignor.)
Anchor Hocking Glass Corporation. (See Stover, Harry E., assignor.)
Anchor Manufacturing Company. (See Young, Arthur A., assignor.)
Ancrum, Robert W., Stockton-on-Tees, England, assignor to Titan Company Incorporated, New York, N. Y. Manufacture of titanium pigments. 2,366,135; Dec. 12.
Andale Company. (See McNeal, Daniel R., assignor.)
Andalikiewicz, Boley A., and D. T. Carlson, assignors to C. E. Hovey, trustee, Kansas City, Mo. Article testing machine. 2,352,880; July 4.
Anders, Roy, Center Township, Marshall County, assignor of one-half to J. W. Fletcher, Jr., South Bend, Ind. Thread tap gauge. 2,349,330; May 23.
Andersen, Andrew C., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Adjustable automobile seat. 2,352,358; June 27.
Andersen, Axel B., New Rochelle, and K. Horn, assignors to F. L. Smith & Co., New York, N. Y. Agglomerating. 2,356,024; Aug. 15.
Andersen, Bjorn, Maplewood, E. A. Grenquist, Bloomfield, and E. H. Ball, Cranford, N. J., assignors, by mesne assignments, to Celanese Corporation of America. Cellulose derivative composition and its use. 2,349,331; May 23.
Andersen, Leif. (See Tully, J. K., Andersen, and Jones.)
Andersen, Mads C., San Benito, Tex. Slide rule. 2,341,681; Feb. 15.
Andersen, Thomas K., West New Brighton, N. Y. Digging attachment for tractors or the like. 2,365,164; Dec. 19.
Andersen, Tonnes C., Ruthton, Minn. Shaving device. 2,339,831; Jan. 25.
Anderson, A. Arthur, Rose Township, assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Automatic pressure-sensitive adhesive tape dispenser. 2,346,142; Apr. 11.
Anderson, Albert E., Holbrook, assignor to Submarine Signal Company, Boston, Mass. Recorder. 2,350,994; June 13.
Anderson, Albert & J. M., Manufacturing Company. (See Johanson, Herman, assignor.)
Anderson, Alfred M. (See Warren, L., and Anderson.)
Anderson, Alvin P., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Corrosion-preventive hydrocarbon oil. 2,344,016; Mar. 14.
Anderson, Anders G. (See Johnson, R. E., and Anderson.)
Anderson, Anders G., Brooklyn, assignor to Arenco Machine Company, Incorporated, New York, N. Y. Apparatus for handling tubes. 2,361,001; Oct. 24.
Anderson, Andrew J., Minneapolis, Minn. Eye-forming machine. 2,362,522; Nov. 14.
Anderson, Andrew T. (See Hesslein, M. B., and Anderson.)
Anderson, Andrew T. (See Young, H. B., Anderson, and Grover.)
Anderson, Andrew T., Dover, N. J. Coating machine. 2,362,457; Nov. 14.
Anderson, Andrew T., Dover, N. J. Coating apparatus. 2,363,487; Nov. 28.
Anderson, Andrew W., Vallejo, Calif. Welding device. 2,360,837; Oct. 24.
Anderson, Anton G., Arlington, and T. S. Derr, Newton, assignors of one-third to American Steam Automobile Company, Middlesex County, Mass. Artificial fog production. 2,352,677; July 4.
Anderson, Arthur A., Rose Township, Ramsey County, assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Adhesive tape dispenser and applier. 2,363,277; Nov. 21.
Anderson, Arthur C., Three Lakes, Wis. Doll swing. 2,341,754; Feb. 15.
Anderson, Arvid E., Media, Pa., assignor to General Electric Company. Registering means for automatic reclosing circuit breaker systems. 2,340,635; Feb. 1.
Anderson, Arvid E., Cornwall, Pa., assignor to Bethlehem Steel Company. Washing of filter bags. 2,351,652; June 20.
Anderson, Arvid E., Haverford Township, Delaware County, and W. P. Simpson, Lansdowne, Pa., assignors to General Electric Company. Automatic reclosing circuit breaker equipment. 2,358,136; Sept. 12.
Anderson, August P., assignor to Penn Electric Switch Co., Goshen, Ind. Thermostatic expansion valve. 2,351,313; June 13.
Anderson, August P., assignor to Penn Electric Switch Co., Goshen, Ind. Filter and drier. 2,365,149; Dec. 19.
Anderson, Axel. (See Brown, R. A., and Anderson.)
Anderson, Axel H. (See Baum, A. F., and Anderson.)
Anderson, Benjamin H., Madison, Wis. Portable milking machine. 2,357,373; Sept. 5.
Anderson Box Company. (See Schaefer, Norbert F., assignor.)

Anderson, Bror, Saltsjo-Duvnas, and H. Wingsjo, assignors to Aktiebolaget Asea Svetsmaskiner, Stockholm, Sweden. Joining workpieces by means of resistance welding. 2,352,754; July 4.
Anderson, Carl L., assignor to Eagle Signal Corporation, Moline, Ill. Timing mechanism. 2,352,156; June 27.
Anderson, Carl M., assignor to American Well & Prospecting Company, Corsicana, Tex. Variable speed reversing mechanism. 2,342,507; Feb. 22.
Anderson, Carl M., assignor to American Well & Prospecting Company, Corsicana, Tex. Draw works. 2,356,371; Aug. 22.
Anderson, Carl M., Corsicana, Tex., assignor to American Well & Prospecting Company. Universal speed control for multiple prime movers. 2,360,753; Oct. 17.
Anderson, Chester S., St. Charles, Ill. Oarlock. 2,349,602; May 23.
Anderson, Clarence T. (See Dean, R. S., and Anderson.)
Anderson, Clayton & Co. (See Fash, Ralph H., assignor.)
Anderson, Clayton G., Portland, Oreg. Draft control means for furnaces. 2,348,950; May 16.
Anderson, Conrad A., assignor to Blackhawk Mfg. Co., Milwaukee, Wis. Drill. 2,360,285; Oct. 17.
Anderson, David C., Manhattan, Kans. Basic filling for tooth cavities. 2,361,161; Oct. 24.
Anderson, Edmund B., Rockford, assignor to Borg-Warner Corporation, Chicago, Ill. Method of and apparatus for generating arcuate raceways. 2,352,753; July 4.
Anderson, Edward A., Chicago, Ill. Molded barrel-shaped container. 2,351,887; June 13.
Anderson, Edward J., Lincoln, Nebr. Clinker disposal means. 2,359,279; Oct. 3.
Anderson, Elmer T. (See Jackson, P. T., Jr., and Anderson.)
Anderson, Emil, Briarcliff Manor, N. Y., assignor to Reynolds Metals Company, Richmond, Va. Machine for manufacturing and applying bottle caps. 2,343,358; Mar. 7.
Anderson, Ernst G. K., Chicago, Ill. Electrical fixture. 2,349,924; May 30.
Anderson, Evald, North Quincy, Mass. Control mechanism for dampers. 2,339,666; Jan. 18.
Anderson, Evald, North Quincy, Mass. Dial damper regulator. 2,345,997; Apr. 4.
Anderson, Evald, North Quincy, Mass. Diel damper regulator. 2,350,441; June 6.
Anderson, Frank W., Hinsdale, Ill., assignor to The Philip Carey Manufacturing Company. Blowing machine. 2,355,358; Aug. 8.
Anderson, Fred E., Taft, Oreg. Cutter cable. 2,349,573; May 23.
Anderson, Frithiof B., Oakhurst, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device circuit. 2,346,545; Apr. 11.
Anderson, George E., assignor to J. M. Hopwood, Mount Lebanon, Pa. Control system. 2,349,329; May 23.
Anderson George W. (See Roblin, R. O., Jr., and Anderson.)
Anderson, George W., Port Washington, assignor to United States Plywood Corporation, New York, N. Y. Cylindrical coupling for hollow tubing. 2,347,534; Apr. 25.
Anderson, George W., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparing sulphanilyl aryl guanidines. 2,357,249; Aug. 29.
Anderson, George W., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. p,p'-Diaminobenzil. 2,359,280; Oct. 3.
Anderson, George W., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Sulphonamide derivatives of 2-amino-oxazole and their production. 2,362,336; Nov. 7.
Anderson, George W., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Making 2-aminooxazole. 2,362,337; Nov. 7.
Anderson, Gilbert L., Flushing, and F. C. Ryan, Yonkers, N. Y.; vested in the Alien Property Custodian. Card register. 2,356,495; Aug. 22.
Anderson, Gilbert R. (See Netherly, G. P., Cross, and Anderson.)
Anderson, Gilbert R., Elsmere, assignor to Hercules Powder Company, Wilmington, Del. Rosin base resin. 2,344,194; Mar. 14.
Anderson, Gilbert R., Elsmere, assignor to Hercules Powder Company, Wilmington, Del. Coating composition. 2,346,409; Apr. 11.
Anderson, Gordon R., Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Ventilation of electrical machines. 2,357,923; Sept. 12.
Anderson, Gordon R., Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Centrifugal apparatus. 2,361,906; Nov. 7.
Anderson, Gustaf W., Glastonbury, assignor to Niles-Bement-Pond Company, West Hartford, Conn. Deep hole drill. 2,346,546; Apr. 11.
Anderson, Helmer, Minneapolis, Minn., assignor to General Mills, Inc. Bag closure and making same. 2,358,125; Sept. 12.
Anderson, Irvin M., Kemptville, Ontario, Canada. Article feeding device. 2,343,515; Mar. 7.
Anderson, James H., Easton, Pa., assignor to Ingersoll-Rand Company, New York, N. Y. Oiling device. 2,349,131; May 16.
Anderson, James L., Closter, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Cutting machine. 2,345,314; Mar. 28.
Anderson, James L., Closter, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Scarfing. 2,346,718; Apr. 18.
Anderson, James L., Closter, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Cutting. 2,347,245; Apr. 25.
Anderson, James L., Closter, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Cutting machine for round billets. 2,347,804; May 2.
Anderson, James L., Closter, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Billet scarfing apparatus. 2,351,653; June 20.
Anderson, James L., Closter, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Tube welding and smoothing. 2,352,306; June 27.
Anderson, James L., Closter, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Apparatus for welding and smoothing seams. 2,360,636; Oct. 17.
Anderson, James L., Closter, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Torch support. 2,363,036; Nov. 21.
Anderson, James L., Closter, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Welding. 2,363,523; Nov. 28.
Anderson, James T., Hillmorton, Rugby, England, assignor to General Electric Company. Manufacture of fluorescent lamps and screens. 2,339,131; Jan. 11.
Anderson, John. (See McAllister, S. H., Anderson, and Ross.)
Anderson, John, Berkeley, R. M. Stager, Jr., Albany, and S. H. McAllister, Lafayette, assignors to Shell Development Company, San Francisco, Calif. Treatment of vinyl type halides. 2,359,459; Oct. 3.
Anderson, John E., Portland, assignor to United Aircraft Corporation, East Hartford, Conn. Packing. 2,339,042; Jan. 11.
Anderson, John L., New York, N. Y. Hat box. 2,343,128; Feb. 29.
Anderson, John W., Danbury, Conn. Cosmetic stick expellant holder. 2,345,315; Mar. 28.
Anderson, Lawrence C., assignor to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Valve. 2,362,338; Nov. 7.
Anderson, Leslie J., Haddonfield, N. J., assignor to Radio Corporation of America. Microphone. 2,352,305; June 27.
Anderson, Leslie J., and A. H. Kettler, Haddonfield, N. J., assignors to Radio Corporation of America. Signal translating apparatus. 2,345,996; Apr. 4.
Anderson, Lloyd L., and N. J. Van Dam, Grand Rapids, assignors to Winters & Crampton Corporation, Grandville, Mich. Latch mechanism. 2,341,416; Feb. 8.
Anderson, Lossie E. (See Webber, R. C., and Anderson.)
Anderson, Martin E. (See Schiel, G. A., and Beren, assignors.)
Anderson, Maurice K., Seattle, Wash. Flexible foot foundation. 2,352,170; June 27.
Anderson, Max L., Los Angeles, Calif. Faucet spray nozzle. 2,352,359; June 27.
Anderson, Miner S., Wabasha, Minn. Toy wagon steering mechanism. 2,360,188; Oct. 10.
Anderson, Oscar M., assignor to Landers, Frary & Clark, New Britain, Conn. Toaster. 2,360,078; Oct. 24.
Anderson, Paul A., Monrovia, Calif., assignor, by mesne assignments, to Consolidated Vultee Aircraft Corporation. Oil tank for airplane engines. 2,364,119; Dec. 5.
Anderson, Peter A., assignor to Utilities Distributors, Inc., Portland, Maine. Portable car heater. 2,350,860; June 6.
Anderson, Philip P., Jr., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,338,223; Jan. 4.
Anderson, Philip P., Jr., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Air conditioning. 2,352,930; July 4.
Anderson, Philip P., Jr., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,363,381; Nov. 21.
Anderson Products, Inc. (See Upton, John.)
Anderson Products, Inc. (See Upton, J., and Ferguson.)
Anderson, Ralph L., C. R. Arnold, and L. A. Paradise, assignors to Deere & Company, Moline, Ill. Implement draft device. 2,349,923; May 30.
Anderson, Raymond T., Berea, assignor to The V. D. Anderson Company, Cleveland, Ohio. Oil settling tank. 2,365,442; Dec. 19.
Anderson, Rexford O., Tulsa, Okla. Draw works. 2,351,654; June 20.
Anderson, Rexford O., assignor to Foote Bros. Gear and Machine Corporation, Chicago, Ill. Load pickup device. 2,359,275; Sept. 26.
Anderson, Rexford O., assignor to Foote Bros. Gear and Machine Corporation, Chicago, Ill. Aerial pickup device. 2,364,042; Dec. 5.
Anderson, Richard T., St. Paul, and C. Olson, Minneapolis, Minn. Door latch. 2,352,465; June 27.
Anderson, Robert G., Erie, Pa., assignor to General Electric Company. Vehicle drive. 2,355,409; Aug. 8.
Anderson, Robert I. (See McGlone, J. J., and Anderson.)

Anderson, Roger, Seattle, Wash. Fracture immobilibation splint. 2,346,346; Apr. 11.
Anderson, Rolland L., assignor to Chicago & Southern Airlines, Inc., Memphis, Tenn. Electrical ignition system. 2,359,959; Oct. 10.
Anderson, Rolland L., assignor to Chicago & Southern Air Lines, Inc., Memphis, Tenn. Pumping mechanism. 2,359,960; Oct. 10.
Anderson, Roy J., assignor to Chicago Flexible Shaft Company, Chicago, Ill. Automatic bread toaster. 2,361,446; Oct. 31.
Anderson, Russell G., Bedford, and J. S. Pollack, Cleveland, Ohio; assignors to Aluminum Company of America, Pittsburgh, Pa. Cylinder head. 2,339,272; Jan. 25.
Anderson, Russell M., Kansas City, Mo. Shoe re-arching and straightening device. 2,346,344; Apr. 11.
Anderson, Swan F., Rockford, Ill. Confection packaging machine. 2,355,500; Aug. 8.
Anderson, Theresia, Brookline, Mass. Sleeping bag. 2,341,069; Feb. 8.
Anderson, Thomas. (See Morgan, J. D., and Anderson.)
Anderson, V. D., Company, The. (See Anderson, Raymond T., assignor.)
Anderson, Victor E., Detroit, Mich. Combination storm sash and screen structure. 2,365,238; Dec. 19.
Anderson, Victor E., Detroit, Mich. Combination storm sash and screen structure. 2,365,239; Dec. 19.
Anderson, Victor G., New Rochelle, and L. Muller, Merrick, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Thermostatic device. 2,354,655; Aug. 1.
Anderson, Volney S., Los Angeles, Calif. Self-trimming mold. 2,354,241; July 25.
Anderson, Waldemar E., Montclair, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Shockproof base. 2,354,642; Aug. 1.
Anderson, Walter A. (See Sundstrand, O. J., and Anderson.)
Anderson, Walter A., Bridgeport, Conn., assignor to Underwood, Elliott Fisher Company, New York, N. Y. Carriage return mechanism for accounting machines. 2,348,048; May 2.
Anderson, Walter A., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Carbon paper support for accounting machines. 2,349,693; May 23.
Anderson, Walter A., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Cycle control in accounting machines. 2,357,571; Sept 5.
Anderson, Walter A., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Computing machine. 2,361,002; Oct. 24.
Anderson, Walter A., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Adjustable paper support for accounting machines. 2,361,003; Oct. 24.
Anderson, Walter A., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Accounting machine. 2,364,769; Dec. 12.
Anderson, Warren A. (See Kahn, A., and Anderson.)
Anderson, Warren A., New Dorp, Staten Island, N. Y., assignor to Radio Corporation of America. Regeneration of telegraph signals. 2,363,278; Nov. 21.
Anderson, William B., West Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. 2,360,189; Oct. 10.
Anderson, William C. (See Carlson, E. T., and Anderson.)
Anderson, William R., Chicago, Ill. Manufacturing barrels. 2,353,134; July 11.
Anderson, William T., assignor to Contour Saws, Incorporated, Des Plaines, Ill. Abrasive band. 2,362,979; Nov. 21.
Andersson, Sven W. E., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Thermostatic element. 2,338,563; Jan. 4.
Andersson, Sven W. E., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,349,396; May 23.
Andersson, Sven W. E., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Regulator. 2,356,556; Aug. 22.
Andersson, Sven W. E., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Gas burner. 2,360,310; Oct. 17.
Andis Clipper Company. (See Andis, Mathew, assignor.)
Andis, Mathew, assignor to Andis Clipper Company, Racine, Wis. Dry shaving device. 2,345,695; Apr. 4.
Andrea, Fred, New Richmond, Wis. Locking device for cans. 2,354,935; Aug. 1.
Andreas, John M., assignor to Technicolor Motion Picture Corporation, Hollywood, Calif. Color photography. 2,357,924; Sept. 12.
Andreasson, Rudolf W., Detroit, Mich. Oil hole drill. 2,348,874; May 16.
Andreau, Jean E., Daurat, near Leognan, France; vested in the Alien Property Custodian. One-way clutch mechanism. 2,349,925; May 30.
Andreef Alexis D., Montreal, Quebec, Canada. Skis. 2,356,809; Aug. 29.
Andren, Karl H., assignor to Artos Engineering Company, Milwaukee, Wis. Applying terminals to wire segments. 2,340,448; Feb. 1.
Andreotto, Angelo, Clifton, assignor to Botany Worsted Mills, Passaic, N. J. Fabric centering device. 2,340,242; Jan. 25.
Andreotto, Angelo, Clifton, assignor to Botany Worsted Mills, Passaic, N. J. Automatic shear releasing mechanism for fabric shearing machines. 2,342,508; Feb. 22.
Andres, Lloyd J., Chicago, Ill. Remote controller. 2,344,914; Mar. 21.
Andres, William A., Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine. 2,341,172; Feb. 8.
Andres, William J., assignor to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Gear shifting mechanism. 2,358,846; Sept. 26.
Andres, William J., Morris, N. Y., and R. S. Sanford, Waterbury, Conn., assignors to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Fluid pressure device. 2,341,587; Feb. 15.
Andresen, Christian A, executor. (See Selby, Dwight E.)
Andresen, Kurt H., Bradford, Pa., assignor to Case, Pomeroy & Company, New York, N. Y. Treating oil wells. 2,365,039; Dec. 12.
Andrew, John P. (See Ledin, C., and Andrew.)
Andrew, William K., and M. L. Hutchens, Wauwatosa, and J. B. Lukey, Milwaukee, assignors to Kearney & Trecker Corporation, West Allis, Wis. Work fixture and indexing mechanism therefor. 2,359,601; Oct. 3.
Andrews, Alluwee C. (See Brewton, G. M., Andrews, and Silva.)
Andrews, Charles M., Rutland, Vt. Grease-knife cleaner. 2,338,392; Jan. 4.
Andrews, Chester E., Overbrook, and M. R. Fenske, State College, assignors to Röhm & Haas Company, Philadelphia, Pa. Separating hydrocarbon mixtures. 2,346,639; Apr. 18.
Andrews, Douglas D. (See Teague, W. D. and W. D., Jr., Myers, and Andrews.)
Andrews, Edward D. (See Alderfer, Sterling W., assignor.)
Andrews, Edward F., Chicago, Ill. Automatic phonograph. Re. 22,551; Oct. 3.
Andrews, Edward F., Chicago, Ill., assignor to Radio Corporation of America. Vibrator power supply for radio receivers. 2,353,429; July 11.
Andrews, Frederick W., Akron, Ohio, assignor to The B. F. Goodrich Company; New York, N. Y. Putty. 2,346,408; Apr. 11.
Andrews and Goodrich, Inc. (See Hansen, Edwin H., assignor.)
Andrews, Harold K., Stratford, assignor to H. G. Gaynor, Fairfield, Conn. Switch. 2,341,637; Feb. 15.
Andrews, Hervey N., Medford, Oreg. Roof flashing. 2,360,031; Oct. 10.
Andrews, Irving B. (See Dow, H. E., and Andrews.)
Andrews, L. V., assignor to Riley Stoker Corporation, Worcester, Mass. Pulverized fuel burner. 2,341,682; Feb. 15.
Andrews, Norman F., Moline, Ill., and R. L. Dort, Davenport, Iowa, assignors to Deere & Company, Moline, Ill. Corn harvester. 2,347,871; May 2.
Andrews, Norwood H., assignor to International Pulverising Corporation, Moorestown, N. J. Pulverizing. 2,361,922; Nov. 7.
Andrews, Percival W. (See Dewan, Leon, assignor.)
Andrews, Thomas. (See Trostler, F., and Andrews.)
Andrews, Thomas. (See Trostler, F., Andrews, and Skelton.)
Andrix, Frank H., Niskayuna, N. Y., assignor to General Electric Company. Dynamoelectric machine. 2,364,933; Dec. 12.
Andros, Charles H. (See Horton, K. W., and Andros.)
Andrus, Hamlin F. (See Gelbman, Louis, assignor.)
Andrus, Orrin E., Altadena, Calif., assignor to A. O. Smith Corporation, Milwaukee, Wis. Domestic water heater. 2,343,440; Mar. 7.
Andrus, Orrin E., Altadena, Calif. Producing coagulum for purifying water. 2,359,281; Oct. 3.
Aneiros, Joseph, assignor to E. W. Bliss Company, Brooklyn, N. Y. Sheet feeding method and gauging mechanism therefor. 2,339,756; Jan. 25.
Anemostat Corporation of America. (See Honerkamp, Friedrich, assignor.)
Anemostat Corporation of America. (See Kurth, F. J., and Honerkamp, assignors.)
Anfinson, Anton, assignor of one-third to O. E. Artus and W. Bentley, Deadwood, S. Dak. Window. 2,352,171; June 27.
Angel, Charles M., Huntington, W. Va. Apparatus for forming bearing metal surfaces on backing metals. 2,349,397; May 23.
Angel, Charles M., Huntington, W. Va. Apparatus for forming bearing metal surfaces on backing metals. 2,349,398; May 23.
Angel, Henry S., et al. (See Berger, H. G., Nygaard, and Angel.)
Angel, Herbert, Brooklyn, assignor to The Western Union Telegraph Company, New York, N. Y. Storing telegraph signals. 2,350,382; June 6.

Angell, Charles H., assignor to Universal Oil Products Company, Chicago, Ill. Heater for fluids. 2,346,345; Apr. 11.
Angell, Charles H., assignor to Universal Oil Products Company, Chicago, Ill. Heater for fluids. 2,354,643; Aug. 1.
Angell, Herbert W. (See Gottschalk, F. W., and Angell.)
Angell, Robert C., Prince Bay, N. Y., assignor to The S. S. White Dental Manufacturing Company. Tab actuator. 2,349,332; May 23.
Angell, Robert C., Prince Bay, N. Y., assignor to The S. S. White Dental Manufacturing Company. Adjustable chair. 2,352,678; July 4.
Anglo California National Bank of San Francisco, The, trustee for the benefit of Reconstruction Finance Corporation. (See Davis, Harry P.)
Anglo-Iranian Oil Company Limited. (See Dunstan, A. E., and Birch, assignors.)
Anglo-Iranian Oil Company Limited. (See Howes, D. A., and Fawcett, assignors.)
Anglo Saxon Petroleum Company, Limited, (See Lubbock, L., and Nash, assignors.)
Angst, Walter, Manhasset, N. Y., assignor to Square D Company, Detroit, Mich. Power meter. 2,345,444; Mar. 28.
Angst, Walter, Manhasset, N. Y., assignor to Square D Company, Detroit, Mich. Pressure gauge. 2,358,613; Sept. 19.
Angst, Walter, Manhasset, N. Y., assignor to Square D Company, Detroit, Mich. Power meter. 2,365,443; Dec. 19.
Angus, Katherine L., administratrix. (See Larkin, James F.)
Angus, William C. (See Bell, A. S., and Angus.)
Anheuser, Alfred, West Allis, assignor to E. A. Anheuser, Milwaukee, Wis. Method and apparatus for cutting files. 2,343,271; Mar. 7.
Anheuser-Busch, Incorporated. (See Eble, O. H., and Mason, assignor.)
Anheuser-Busch, Incorporated. (See Harrison, Horace E., assignor.)
Anheuser-Busch, Incorporated. (See Hartmann, William H., assignor.)
Anheuser-Busch, Incorporated. (Seee Schwaiger, Frank H., assignor.)
Anheuser, Ernest A. (See Anheuser, Alfred, assignor.)
Anholt, Harry M., Denver, Colo. Ash tray. 2,352,756; July 4.
Animal Trap Company of America. (See Graybill, Hershey R., assignor.)
Anjeskey, Alphonse F., Cleveland, assignor to The Cleveland Crane & Engineering Company, Wickliffe, Ohio. Overhead monorail system. 2,358,487; Sept. 19.
Anneberg, Peter V. I. P. (See Beer, P. F., and Anneberg.)
Annen, James E., and A. Conklin, assignors to Sutherland Paper Company, Kalamazoo, Mich. Machine for use in setting up cellular cartons. 2,341,070; Feb. 8.
Annen, James E., and A. Conklin, assignors to Sutherland Paper Company, Kalamazoo, Mich. Machine for use in setting up cellular cartons. 2,341,071; Feb. 8.
Annesley, Griffith, New York, N. Y. Drill bit. 2,354,656; Aug. 1.
Annin, Douglas H. (See Grove, M. H., and Annin.)
Annin, Douglas H., Oakland, Calif., assignor to Fluid Control Engineering Co. Flow control apparatus. 2,344,583; Mar. 21.
Annis, Howard R., Mount Holly, assignor to Arrow Safety Device Company, Medford, N. J. Illumination control means. 2,352,679; July 4.
Annis, Ross E., North Sudbury, Mass., assignor to Underwood Machinery Company. System and apparatus for hemming sheets of fibrous material. 2,349,233; May 23.
Anschicks, Rudolph J., assignor to Protectoseal Company of America, Inc., Chicago, Ill. Compensator. 2,362,232; Nov. 7.
Anschicks, Rudolph J., Chicago, Ill., assignor to Protectoseal Company of America, Inc. Dump valve. 2,363,279; Nov. 21.
Anschütz, Robert, Zella-Mehlis, Germany; vested in the Alien Property Custodian. Totalizer. 2,341,588; Feb. 15.
Anschütz, Robert, Zella-Mehlis, Thuringia, Germany; vested in the Alien Property Custodian. Bookkeeping machine. 2,347,235; Apr. 25.
Anschütz, Robert, Zella-Mehlis, Germany; vested in the Alien Property Custodian. Typewriting-calculating machine. 2,351,896; June 20.
Anschütz, Robert, Zella-Mehlis, Thuringia, and R. Gröschel, Suhl, Thuringia, Germany; vested in the Alien Property Custodian. Calculating machine. 2,342,782; Feb. 29.
Anschütz, Robert, and A. Mers, Zella-Mehlis, Germany; vested in the Alien Property Custodian. Typewriter-calculating machine. 2,351,897; June 20.
Anschütz, Robert, and F. Schmidt, Zella-Mehlis, Thuringia, Germany; vested in the Alien Property Custodian. Automatic printer lock for typewriting-accounting machines. 2,351,898; June 20.
Anspach, Russell J., Westfield, N. J., assignor to American Telephone and Telegraph Company. Teletypewriter switching system. 2,345,912; Apr. 4.
Anspach, Russell J., Westfield, and W. B. Martin, Ramsey, N. J., assignors to American Telephone and Telegraph Company. Reperforator tape feed-out arrangement. 2,360,637; Oct. 17.
Antal, Vincent, Owatonna, Minn. Flexible adjustable lever drag harrow. 2,347,979; May 2.
Antalek, John J., assignor to The Rauland Corporation, Chicago, Ill. Modulation system. 2,348,585; May 9.
Anthes, Clifford C., Union, N. J., assignor to Union Carbide and Carbon Corporation. Blowpipe. 2,348,774; May 16.
Anthes Force Oiler Company. (See Hutt, Raymond F., assignor.)
Anthonisen, Robert C. (See Freeman, R. D., and Anthonisen.)
Anthony, Benjamin F., Cleveland Heights, assignor to The Ferro Engineering Company, Cleveland, Ohio. Hot top. 2,341,489; Feb. 15.
Anthony Company. (See Anthony, William C., assignor.)
Anthony Company. (See Duis, Glenn, assignor.)
Anthony Company. (See Wachter, Lester W., assignor.)
Anthony, Floyd A., et al. (See Day, Phillip E., assignor.)
Anthony, Harry L., and J. C. Turnbull, Pittsburgh, assignors to Scaife Company, Oakmont, Pa. Brazing flux. 2,344,195; Mar. 14.
Anthony, Herman R. C., Madison, Wis., assignor to Ray-O-Vac Company. Making leakproof dry cells. 2,346,640; Apr. 18.
Anthony, Herman R. C., and H. G. Friang, Madison, assignors to Marathon Battery Company, Wausau, Wis. Battery construction. 2,355,197; Aug. 8.
Anthony, William C., assignor to Anthony Company, Streator, Ill. Hoist. 2,359,961; Oct. 10.
Antill, Philip W., Ridgefield, N. J., assignor to American Arch Company, New York, N. Y. Sectionally supported wall. 2,341,971; Feb. 15.
Anton Smit & Co. Inc. (See Wilson, Robert G., assignor.)
Antonelli, Joseph A., Elgin, assignor to Victor Manufacturing & Gasket Company, Chicago, Ill. Oil seal. 2,348,586; May 9.
Antonelli, Joseph A., Elgin, assignor to Victor Manufacturing & Gasket Company, Chicago, Ill. Seal construction. 2,348,587; May 9.
Antonelli, Leonida, Padova, Italy; vested in the Alien Property Custodian. Removing woody matter from the stem fibers of textile plants. 2,359,074; Sept. 26.
Antonson, John O., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Protective apparatus for propellers. 2,365,992; Dec. 26.
Anzionnaz, René, Paris, and R. Imbert, Mantes, France; vested in the Alien Property Custodian. Reaction propelling device with super-charged engine. 2,356,557; Aug. 22.
Anzalone, Ralph, Oceanside, assignor to Aerial Products, Inc., New York, N. Y. Pistol rocket. 2,344,957; Mar. 28.
A-1 Bit and Tool Company Ltd. (See Barrett, G. J., and Robichaux, assignors.)
Apco Mossberg Company. (See Storrie, William, assignor.)
Apel Electrical Manufacturing Company, The. (See Fields, George C., assignor.)
Apel, John H. (See Millikin, A. S., and Apel.)
Apex Electrical Manufacturing Company, The. (See Ehrenfeld, Ralph, assignor.)
Apex Electrical Manufacturing Company, The. (See Fields, George C., assignor.)
Apex Electrical Manufacturing Company, The. (See Frantz, Paul E., assignor.)
Apex Electrical Manufacturing Company, The. (See Frantz, Walter A., assignor.)
Apex Electrical Manufacturing Company, trustee. (See Kirby, James B., assignor.)
Apex Scale & Manufacturing Company. (See Eisner, Edwin J., assignor.)
Apex Railway Products Co. (See Nelson, Arthur W., assignor.)
Apfelbaum, Huna L., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container. 2,340,636; Feb. 1.
Apfelbaum, Huna L., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Dropper and pourer cap. 2,343,610; Mar. 7.
Apfelbaum, Huna L., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Hinge for molded containers. 2,347,980; May 2.
Apfelbaum, Huna L., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Molded hinge. 2,347,981; May 2.
Apfelbaum, Huna L., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Dispensing container. 2,352,066; June 20.
Apfelbaum, Huna L., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Pill dispensing container. 2,353,629; July 18.
Apgar, Frank A., Chicago, Ill., assignor to Sinclair Refining Company, New York, N. Y. Refining oils. 2,365,993; Dec. 26.
Apicella, Salvatore F., New York, N. Y. Wood spring. 2,349,839; May 30.
Appel, Frank J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of flake hydroxyacetic acid. 2,341,258; Feb. 8.

Appel, Hans, Prague, Czechoslovakia; vested in the Alien Property Custodian. Steam-heating plant. 2,356,372; Aug. 22.

Appel, Henry W., Kew Garden Hills, N. Y., assignor to Radio Corporation of America. Combined reed and relay device. 2,357,925; Sept. 12.

Appel, Henry W., Kew Garden Hills, N. Y., assignor to Radio Corporation of America. Radio warning system. 2,361,585; Oct. 31.

Appel, Robert, New York, N. Y. Lady's handbag. 2,349,926; May 30.

Appel, Werber, Boise, Idaho. Aircraft tail wheel assembly. 2,348,101; May 2.

Apple, Edward M., et al. (See Keahey, Frank S., Jr., assignor.)

Applegarth, Alexander R., Jr., Dayton, Ohio, assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Automatic gain control and amplitude selection device. 2,356,140; Aug. 22.

Applegarth, Alexander R., Jr., Dayton, Ohio, assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Synchronising circuit. 2,356,141; Aug. 22.

Appleman, Theodore C., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Coffee maker. 2,342,108; Feb. 22.

Appleton Electric Company. (See Tornblom, Nils A., assignor.)

Appleton, Henry W., Passaic, N. J. Needle threader. 2,338,159; Jan. 4.

Applied Mechanics Co. (See Budolf, Henry J. G., assignee.)

April, Edith, et al. (See Bassist, Rudolph, assignor.)

Apstein, Maurice, Brooklyn, N. Y. Potential recording marker. 2,352,242; June 27.

Apuzzo, Michael, Brooklyn, N. Y. Combination animated day and night sign. 2,345,998; Apr. 4.

Aqua Systems Incorporated. (See Peter, William J., assignor.)

Aquino, Salvatore A., Brooklyn, N. Y., assignor to The Hinde & Dauch Paper Company, Sandusky, Ohio. Collapsible container. 2,342,623; Feb. 22.

Arado, John G., Chicago, Ill. Combined cutter, distributor, and protector for outboard motors. 2,355,842; Aug. 15.

Aram, Nathan W., assignor to Zenith Radio Corporation, Chicago, Ill. Turnstile antenna. 2,338,564; Jan. 4.

Arbuckle, William, Kitchener, Ontario, Canada. Hair curler. 2,357,865; Sept. 12.

Arbuthnot, Joseph B., Brentwood, Pa. Shipping container. 2,358,614; Sept. 19.

Archer, Charles E., Birmingham, assignor to Ex-Cell-O Corporation, Detroit, Mich. Abrading tool. 2,349,995; May 30.

Archer, Charles E., Birmingham, assignor to Ex-Cell-O Corporation, Detroit, Mich. Blank shaping fixture. 2,352,508; July 4.

Archer, David T., Dublin, Eire. Shelling eggs. 2,354,096; July 18.

Archer, Dorlane, Los Angeles, Calif. Hair curler. 2,364,596; Dec. 12.

Archer, John, Woodford, assignor to English Steel Corporation Limited, Vickers Works, Sheffield, Yorkshire, England. Adjustable reamer. 2,352,508; June 27.

Archer, Richard L., Bratenahl, assignor to The Mid-West Forge Company, Cleveland, Ohio. Making tapered sheet-metal blanks. 2,364,610; Dec. 12.

Archer Rubber Company. (See Callahan, J. T., and Gilbertson, assignor.)

Archibald, Francis M., Elisabeth, N. J., and C. A. Harris, Philadelphia, Pa., assignors to Standard Oil Development Company. Stabilized white oil. 2,340,920; Feb. 8.

Archibald, Francis M., Elizabeth, and D. van Dijk, Roselle, N. J., assignors to Standard Oil Development Company. Refining oil-soluble sulphonates. 2,357,866; Sept. 12.

Ardell, Edgar. (See Kimball, W. D., and Ardell.)

Ardelt, Eugene M., Denver, Colo. Air-speed meter. 2,355,694; Aug. 15.

Arden, Thomas R., Danbury, Conn. Fuel and air regulating means for engines. 2,353,430; July 11.

Arden, Thomas R., Danbury, Conn. Propeller mounting means construction. 2,353,431; July 11.

Arelt, Charles, Richmond Hill, N. Y., assignor to American Machine & Foundry Company. High speed cigarette packaging machine. 2,344,666; Mar. 21.

Arelt, Charles, Richmond Hill, N. Y., assignor to American Machine & Foundry Company. Feeler construction for package stampers. 2,344,667; Mar. 21.

Arelt, Charles, Richmond Hill, N. Y., assignor to American Machine & Foundry Company. Bread wrapping machine. 2,356,644; Aug. 22.

Arelt, Charles, Richmond Hill, N. Y., assignor to American Machine & Foundry Company. Cigarette kickout. 2,357,861; Sept. 12.

Arena, Ernest J., Hempstead, N. Y. Hand sextant. 2,364,770; Dec. 12.

Arenco Aktiebolag. (See Danielsson, Paul, assignor.)

Arenco Aktiebolag. (See Orstrom, Gustaf, assignor.)

Arenco Machine Company. (See Anderson, Anders G., assignor.)

Arenco Machine Company. (See Johnson, R. E., and Anderson, assignors.)

Arendt, Beach F. (See Robertson, J. A., Payne, and Arendt.)

Arens, Charles A., assignor to Arens Controls, Inc., Chicago, Ill. Control mechanism. 2,340,830; Feb. 1.

Arens, Charles A., assignor to Arens Controls, Inc., Chicago, Ill. Control mechanism. 2,362,458; Nov. 14.

Arens Controls, Inc. (See Arens, Charles A., assignor.)

Arens, Egmont, assignor to The Great Atlantic & Pacific Tea Company, New York, N. Y. Bag closure. 2,363,926; Nov. 28.

Arentsen, Einar M., Charlerol, assignor, by mesne assignments, to Joy Manufacturing Company, Franklin, Pa. Loading machine. 2,338,160; Jan. 4.

Aresee Company Inc. (See Chandler, D. L., and Ewing, assignors.)

Arey, Alton L., East Cleveland, Ohio. Faucet washer. 2,352,307; June 27.

Arey, Fred C. (See Hibner, D. E., and Arey.)

Arey, Fred C., Freeport, and D. L. E. Hibner, Du Bois, Pa., assignors to Vulcan Soot Blower Corporation. Cleaning apparatus for cylinder heads. 2,338,081; Jan. 4.

Arey, Ralph G., Swampscott, Mass., assignor to General Electric Company. Electric measuring instrument. 2,348,006; May 2.

Arey, Ralph G., Swampscott, Mass. Shaver. 2,354,657; Aug. 1.

Argus, Incorporated. (See Fassin, Gustave, assignor.)

Argus, Incorporated. (See Harris, Clinton H., assignor.)

Argus, Incorporated. (See Harris, C. H., and Graef, assignors.)

Arey, Richard T., and C. W. Foss, assignors to The Carborundum Company, Niagara Falls, N. Y. Abrasive belt joint. 2,350,861; June 6.

Ariens, Mando S., Brillion, Wis. Rotary soil tiller. 2,347,017; Apr. 18.

Ariens, Mando S., Brillion, Wis. Surface-working machine. 2,357,374; Sept. 5.

Ariens, Mando S., Brillion, Wis. Rotary cultivator. 2,364,043; Dec. 5.

Arimori, Tsuyoshi, Y. Konishi, J. Ishibashi and R. Yoshimura, Dairen, Manchukuo; vested in the Alien Property Custodian. Manufacturing metallic magnesium. 2,349,927; May 30.

Ario, Rudolf, deceased, by S. Ario, Brooklyn, N. Y., executrix. Locking device for roll-off van bodies. 2,351,314; June 13.

Ario, Stephania, executrix. (See Ario, Rudolf.)

Aris Gloves, Inc. (See Chanut, Paul A., assignor.)

Arkell Safety Bag Company. (See Doyle, James F., assignor.)

Arkell & Smiths. (See Ramsey, Frank P., assignor.)

Armbruster, George F., Glastonbury, assignor to United Aircraft Corporation, East Hartford, Conn. Engine testing apparatus. 2,357,625; Sept. 5.

Armbruster, John W., East Rockaway, assignor to International Business Machines Corporation, New York, N. Y. Accounting machine. 2,353,001; July 4.

Armbruster, John W., East Rockaway, assignor to International Business Machines Corporation, New York, N. Y. Dispensing and tabulating machine. 2,353,002; July 4.

Armbruster, John W., East Rockaway, assignor to International Business Machines Corporation, New York, N. Y. Record sensing device. 2,353,003; July 4.

Armbruster, John W., East Rockaway, assignor to International Business Machines Corporation, New York, N. Y. Statistical record. 2,357,444; Sept. 5.

Armel, Jack, assignor to The Alliance Manufacturing Company, Alliance, Ohio. Commutator and manufacture. 2,348,511; May 9.

Armentrout, Arthur L., Long Beach, Calif. Mechanism for synchronising power units. 2,349,333; May 23.

Armentrout, Arthur L., Long Beach, Calif. Drive for electric generators. 2,349,334; May 23.

Armentrout, Arthur L., and R. A. Werts, Long Beach, Calif. Method and apparatus useful in repairing wells. 2,365,794; Dec. 26.

Armfield, Frederic A. (See Larsen, R. G., and Armfield.)

Armington, George E. (See Armington, Stewart F. and G. E.)

Armington, George E., South Euclid, assignor to The Euclid Road Machinery Co., Euclid, Ohio. Fluid operated servomotor. 2,362,339; Nov. 7.

Armington, George E., South Euclid, and R. Q. Armington, Shaker Heights, assignors to The Euclid Road Machinery Company, Euclid, Ohio. Pipe coupling. Re. 22,459; Mar. 28.

Armington, Raymond Q. (See Armington, George E. and R.)

Armington, Stewart F., Willoughby, and G. E. Armington, South Euclid, assignors to The Euclid Road Machinery Company, Euclid, Ohio. Scraper. 2,345,313; Mar. 28.

Armitage, Joseph B. (See Kearney, E. J., Armitage, and Pohl.)

Armitage, Joseph B., Wauwatosa, assignor to Kearney & Trecker Corporation, West Allis, Wis. Milling machine. 2,342,829; Feb. 29.

Armitage, Joseph B., Wauwatosa, assignor to Kearney & Trecker Corporation, West Allis, Wis. Machine tool transmission and control mechanism. 2,344,529; Mar. 21.

Armitage, Joseph B., Wauwatosa, Wis., and H. W. Bartholomew, Pottstown, Pa., assignors to Kearney & Trecker Corporation, West Allis, Wis. Milling machine. 2,340,210; Jan. 25.

Armitage, Joseph B., Wauwatosa, C. O. Rothweiler, Milwaukee, and T. O. Salser, Whitefish Bay; said Armitage assignor to Kearney & Trecker Corporation, West Allis, and said Rothweiler and said Salser assignors to David White Company, Milwaukee, Wis. Method and apparatus for aligning machine elements and the like. 2,342,828; Feb. 29.

Armitage, Joseph B., and T. F. Esertaln, Wauwatosa, assignors to Kearney & Trecker Corporation, West Allis, Wis. Machine tool transmission and control mechanism. 2,345,171; Mar. 28.

Armitage, Lindley R., Enfield, England. Supply and delivery of liquid under pressure. 2,352,680; July 4.

Armour and Company. (See Bradshaw, Sidney B., assignor.)

Armour and Company. (See Colt, E. S., Lane, and Beatty, assignors.)

Armour and Company. (See Conquest, V., and Kell, assignors.)

Armour and Company. (See Harrington, Bertie S., assignor.)

Armour and Company. (See Kell, Havard L., assignor.)

Armour and Company. (See McCorkle, Miles R., assignor.)

Armour and Company. (See Pool, W. O., and Potts, assignors.)

Armour and Company. (See Porsche, Jules D., and Sifferd, assignors.)

Armour and Company. (See Ralston, A. W., and McCorkle, assignors.)

Armour and Company. (See Redemske, Gustav, assignor.)

Armour and Company. (See Schmidt, J. N., and Grossnickle, assignors.)

Armour and Company. (See Sifferd, Robert H., assignor.)

Armour and Company. (See Young, Hobart P., Jr., assignor.)

Armour and Company. (See Zeigler, A. H., Stringley, and Kiefer, assignors.)

Armour Research Foundation. (See Camras, Marvin, assignor.)

Armour Research Foundation. (See Camras, M., and Korson, assignors.)

Arms, Merton H., assignor to Bryant Chucking Grinder Company, Springfield, Vt. Bearing lubrication. 2,349,690; May 23.

Arms, Merton H., assignor to Bryant Chucking Grinder Company, Springfield, Vt. Grinding machine. 2,354,296; July 25.

Arms, Merton H., assignor to Bryant Chucking Grinder Company, Springfield, Vt. Metalworking machine. 2,360,462; Oct. 17.

Arms, Merton H., assignor to Bryant Chucking Grinder Company, Springfield, Vt. Mechanism for grinding. 2,364,120; Dec. 5.

Arms, Ray W. (See Holt, G. J., Rakowsky, and Arms.)

Armstrong, Adam E., assignor to Armstrong Machine Works, Three Rivers, Mich. Drier control and drainage means. 2,351,733; June 20.

Armstrong, C. M., Inc. (See Block, R. J., and Bolling, assignors.)

Armstrong Cork Company. (See Austin, Harry M., assignor.)

Armstrong Cork Company. (See Berger, John L., assignor.)

Armstrong Cork Company. (See Cox, Harry P., Jr., assignor.)

Armstrong Cork Company. (See Elkin, T. W., Jr., and Stouffer, assignors.)

Armstrong Cork Company. (See Emanuel, Edward C., assignor.)

Armstrong Cork Company. (See Leary, William W., assignor.)

Armstrong Cork Company. (See McCarthy, J. Clarence, assignor.)

Armstrong Cork Company. (See Menger, F. B., and Faber, assignors.)

Armstrong Cork Company. (See Navikas, Victor A., assignor.)

Armstrong Cork Company. (See Powers, Paul O., assignor.)

Armstrong Cork Company. (See Schwan, August R., assignor.)

Armstrong Cork Company. (See Spencer, Virgil, assignor.)

Armstrong Cork Company. (See Wilson, Gardiner C., assignor.)

Armstrong, Edward M., Jr., Orinda, and R. K. Cutter, assignors to Cutter Laboratories, Berkeley, Calif. Suspension member. 2,362,523; Nov. 14.

Armstrong, Eugene C., and R. R. Lokey, Jr., Los Angeles, Calif. Mixing device. 2,338,615; Jan. 4.

Armstrong, George C., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Overload relay. 2,347,014; Apr. 18.

Armstrong, George M., Grand Rapids, assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,365,373; Dec. 19.

Armstrong, James B. (See Thompson, A. W., and Armstrong.)

Armstrong, John E., Berkeley, and J. E. Piccardo, Oakland, Calif., assignors to Jacuzzi Bros., Incorporated. Pumping system. 2,344,958; Mar. 28.

Armstrong, Leslie R., Porter, Ind. Gas burner. 2,353,865; July 18.

Armstrong, Lily, Southsea, England. Emergency and signaling outfit. 2,343,272; Mar. 7.

Armstrong, Lyle C., Pontiac, Mich. Automobile radio aerial. 2,360,638; Oct. 17.

Armstrong Machine Works. (See Armstrong, Adam E., assignor.)

Armstrong, Robert T. (See Hart, J. E., and Armstrong.)

Armstrong Siddeley Motors Limited. (See Heppner, Fritz A. M., assignor.)

Armstrong, Westropp, Glen Ellyn, Ill. Feeding apparatus. 2,339,043; Jan. 11.

Arndt, Franklin E., Galion, Ohio, assignor to The Galion Iron Works & Manufacturing Company. Material spreader. 2,339,236; Jan. 18.

Arndt, Franklin E., Galion, Ohio, assignor to The Galion Iron Works & Manufacturing Company. Material spreader. 2,339,609; Jan. 18.

Arndt, Franklin E., Galion, Ohio, assignor to The Galion Iron Works & Manufacturing Company. Material spreader. 2,339,667; Jan. 18.

Arndt, Franklin E., Galion, Ohio, assignor to The Galion Iron Works & Manufacturing Company. Road grader. 2,340,100; Jan. 25.

Arndt, Franklin E., Galion, Ohio, assignor to The Galion Iron Works & Manufacturing Company. Road grader. 2,340,169; Jan. 25.

Arner, Sterling R., Charlotte, N. C., assignor to Old Dominion Box Company, Lynchburg, Va. Paper box. 2,356,194; Aug. 22.

Arnesen, Walter A., New York, assignor to National Electric Instrument Co. Inc., Long Island City, N. Y. Otoscope. 2,343,041; Feb. 29.

Arnesen, Walter A., New York, assignor to National Electric Instrument Co. Inc., Long Island City, N. Y. Diagnostic headsets. 2,353,537; July 11.

Arneson, Edwin L., Morris, assignor to Morris Paper Mills, Chicago, Ill. Bottle holder. 2,345,565; Apr. 4.

Arneson, Edwin L., Morris, assignor to Morris Paper Mills, Chicago, Ill. Bottle carrier. 2,345,566; Apr. 4.

Arneson, Edwin L., Morris, assignor to Morris Paper Mills, Chicago, Ill. Bottle holder. 2,345,567; Apr. 4.

Arneson, Edwin L., Morris, assignor to Morris Paper Mills, Chicago, Ill. Bottle holder. 2,345,568; Apr. 4.

Arneson, Edwin L., Morris, assignor to Morris Paper Mills, Chicago, Ill. Carton. 2,349,241; May 23.

Arneson, Edwin L., Morris, assignor to Morris Paper Mills, Chicago, Ill. Box. 2,361,923; Nov. 7.

Arnold, Alex W., La Crosse, Wis. Drinking glass washer conveyer. 2,339,832; Jan. 25.

Arnold, Arthur B., assignor to Modine Manufacturing Company, Racine, Wis. Car heater ventilator connection. 2,355,501; Aug. 8.

Arnold, Arthur B., assignor to Modine Manufacturing Company, Racine, Wis. Air vent and overflow for radiators. 2,357,626; Sept. 5.

Arnold Brilhart Ltd. (See Brilhart, Arnold, assignor.)

Arnold Bros. & Company. (See Fitzpatrick, Jeremiah, assignor.)

Arnold, Charles R. (See Schopmeyer, H. H., and Arnold.)

Arnold, Chester R. (See Anderson, R. L., Arnold, and Paradise.)

Arnold, Clara W., East Cleveland, and O. J. Hinger, Cleveland, assignors to The Ohio Blanket Company, East Cleveland, Ohio. Casket display canopy. 2,342,070; Feb. 15.

Arnold, Edwin E., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Grooved trolley wire splicer. 2,351,900; June 20.

Arnold, Edwin E., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit controller. 2,359,075; Sept. 26.

Arnold, Edwin E., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,361,162; Oct. 24.

Arnold, Edwin E., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit controller. 2,363,280; Nov. 21.

Arnold, George D., Peru, Ind. Water heater. 2,341,852; Feb. 15.

Arnold, Gerald D., Wauwatosa, Wis. Preserving valuable elements of organic materials in dry storage. 2,363,037; Nov. 21.

Arnold, Gerald D., Wauwatosa, Wis. Apparatus and methods for treating pneumatically borne material. 2,363,281; Nov. 21.

Arnold, Gerald D., Wauwatosa, Wis. Temperature changing device. 2,363,282; Nov. 21.

Arnold, Gerald D., Wauwatosa, Wis. Treating and storing device. 2,365,240; Dec. 19.

Arnold, Hoffman & Co. Incorporated. (See McLeod, Earle D., assignor.)

Arnold, Hoffman & Co. (See Morgan, W. L., and McLeod, assignors.)

Arnold, Hoffman & Co. Incorporated. (See Morgan, Willard L., assignor.)

Arnold, Hoffman & Co. Incorporated. (See Morgan, W. L., and McLeod, assignors.)

Arnold, Hoffman & Co. Incorporated. (See Morgan, W. L., and Vaughn, assignors.)

Arnold, James C., assignor to Lane-Wells Company, Los Angeles, Calif. Magnetic well logging. 2,338,991; Jan. 11.

Arnold, James C., assignor to Lane-Wells Company, Los Angeles, Calif. Conductor core for wire ropes and manufacture. 2,345,864; Apr. 4.

Arnold, Michael H. M., and W. E. Perry, Norton-on-Tees, England, assignors to Imperial Chemical Industries Limited. Sulphur compounds. 2,364,414; Dec. 5.

Arnold, Paul L., Delanco, N. J., assignor to United States Pipe and Foundry Company. Apparatus for radially contracting tubular metal bodies. 2,349,646; May 23.

Arnold, Robert B., Stonewall Courts, Va., assignor to Tobacco By-Products and Chemical Corporation, Louisville, Ky. Spray material and making the same. 2,343,359; Mar. 7.

Arnold, Robert B., Stonewall Courts, Va., assignor to Tobacco By-Products and Chemical Corporation, Louisville, Ky. Parasiticidal dust for contact use and making the same. 2,343,360; Mar. 7.

Arnold, Schwinn & Co. (See Waugh, Glen L., assignor.)

Arnold, Theodore E., Mount Royal, and C. Dobell, Montreal, Quebec, Canada, assignors, by mesne assignments, to The Preload Corporation, Boston, Mass. Filling explosive devices. 2,364,415; Dec. 5.

Arnot, Alfred, Warrington, assignor to Associated Messier Investments Limited, Farnham Common, Buckinghamshire, England. Hydraulic remote-control apparatus. 2,339,132; Jan. 11.

Arnott, Edward G. F., Upper Montclair, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Starter electrode. 2,358,615; Sept. 19.

Arnstein, Karl, Akron, and B. J. Schnitzer, Stow, assignors to Wingfoot Corporation, Akron, Ohio. Flying boat hull. 2,349,584; May 23.

Aro Equipment Corporation, The. (See Satterlee, Howard A., assignor.)

Aron, Julius, Amsterdam, and A. Lamm, Gouda, Netherlands; vested in the Alien Property Custodian. Power wrench. 2,342,783; Feb. 29.

Aronoff, Samuel. (See Magnus, G. A., and Aronoff.)

Aronoff, Samuel, Dayton, Ohio. Camera shutter. 2,347,700; May 2.

Arons, George R. (See Bloch, A., and Arons.)

Aronson, Holger W., Snohomish County, Wash. Bed davenport. 2,341,307; Feb. 8.

Arps, Bruno F., assignor to Arps Corporation, New Holstein, Wis. Power pickup and dumping scraper attachment for tractors. 2,352,466; June 27.

Arps, Bruno F., assignor to Arps Corporation, New Holstein, Wis. Power pickup scoop attachment for tractors. 2,364,121; Dec. 5.

Arps Corporation. (See Arps, Bruno F., assignor.)

Arpy Laboratories, Inc. (See Petrullo, John A., assignor.)

Arras, Damiano, Chester, Conn. Reciprocating pump. 2,354,980; Aug. 1.

Arrington, Conrad J., Detroit, Mich., assignor to United States Rubber Company, New York, N. Y. Apparatus for forming cords. 2,353,432; July 11.

Arrow-Hart & Hegeman Electric Co., The. (See Foster, Uri D., assignor.)

Arrow-Hart & Hegeman Electric Co., The. (See Johnson, David W., assignor.)

Arrow-Hart & Hegeman Electric Company, The. (See Lorenz, Charles H., assignor.)

Arrow Products Company. (See Baumgard, William H., assignor.)

Arrow Safety Device Company. (See Annis, Howard R., assignor.)

Arrowsmith, Forrest, Munster, Ind. Clothesline prop. 2,356,908; Aug. 29.

Arsneau, George, Dallas, Tex. Power saw. 2,348,588; May 9.

Art Crayon Company, The. (See Lester, Mack, assignor.)

Art Metal Construction Company. (See Jones, J. B., Hultberg, and Gronberg, assignors.)

Art Metal Construction Company. (See Lindros, Hjalmer C., assignor.)

Art Metal Works, Inc. (See Evans, Fred, assignor.)

Art Metal Works, Inc. (See Harris, Alexander, assignor.)

Arterton, Alfred W., and W. W. McConnell, assignors to Foster Machine Company, Westfield, Mass. Yarn winding machine and method. 2,358,294; Sept. 19.

Arthur, Charles E., Napa, Calif. Closing and locking mechanism for doors. 2,355,025; Aug. 1.

Arthur, James L., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Ignition apparatus. 2,347,019; Apr. 18.

Arthur, James L., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Ignition timer. 2,348,236; May 9.

Arthur, Marion A. (See Rust, W. M., Jr., and Arthur.)

Arthur, Oscar F., Belle Vernon, Pa. Wire mat. 2,361,163; Oct. 24.

Arthur, Oscar F., Belle Vernon, Pa. Field mat. 2,361,164; Oct. 24.

Arthur, Oscar F., Belle Vernon, Pa. Vehicle tread. 2,361,165; Oct. 24.

Artistic Foundations, Inc. (See Kahn, Mack, assignor.)

Atkinson, William H., San Francisco, Calif. Aircraft carrier. 2,349,930; May 30.

Atkinson, William R., San Francisco, Calif. Clip. 2,357,375; Sept. 5.

Artos Engineering Company. (See Andren, Karl H., assignor.)

Artus, Oren E., et al. (See Anfinson, Anton, assignor.)

Artzt, Maurice, Haddonfield, N. J., assignor to Radio Corporation of America. Facsimile apparatus. 2,339,133; Jan. 11.

Artzt, Maurice, Haddonfield, N. J., assignor to Radio Corporation of America. Facsimile apparatus. 2,350,008; May 30.

Arundale, Erving. (See Mikeska, L. A., and Arundale.)

Arundale, Erving, Colonia, and L. A. Mikeska, Westfield, N. J., assignors, by mesne assignments, to Jasco, Incorporated. Preparing diolefins. 2,350,485; June 6.

Arundale, Irving. (See Mikeska, L. A., and Arundale, assignors.)

Arveson, Maurice H., Flossmoor, assignor to Standard Oil Company, Chicago, Ill. Hydrocarbon conversion. 2,360,463; Oct. 17.

Arveson, Maurice H., Flossmoor, assignor to Standard Oil Company, Chicago, Ill. Centrifugal pump. 2,360,464; Oct. 17.

Arvey Corporation. (See Newton, Walter H., assignor.)

Arvins, Nathan A., and A. A. Arvintz, Brooklyn, N. Y., assignors to Seal-O-Strain Corporation. Filling and strainer device. 2,344,486; Mar. 21.

Arvins, Nathan A., and A. A. Arvints, Brooklyn, N. Y., assignors to Monitor Heat Exchange Corporation. Heat exchanger. 2,360,094; Oct. 10.

Arvints, Abraham A. (See Arvins, N. A., and Arvints.)

Asahina, Haruyo, Kawaraki-Mura, Japan; vested in the Alien Property Custodian. Manufacturing litmus dyestuffs. 2,344,074; Mar. 14.

Asam, Frank H., Detroit, Mich. Front wheel drive mechanism. 2,346,143; Apr. 11.

Asaro, Vito, assignor to L. A. Young Spring and Wire Corporation, Detroit, Mich. Spring structure. 2,354,728; Aug. 1.

Asbill, Clarence M., Jr., New Orleans, La., assignor to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Materials-conveying flue. 2,344,528; Mar. 21.

Asbill, Clarence M., Jr., New Orleans, La., and R. C. Young, Leland, Miss., assignors to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Cotton-working machine. 2,365,793; Dec. 26.

Asbury, Mervil D., Hines, Oreg. Scooter bob. 2,359,076; Sept. 26.

Asch, Werner. (See Pense, W., Asch, May, and Stärk.)

Aschenbrenner, Charles S., Temple, assignor to Textile Machine Works, Wyomissing, Pa. Fluid circulating apparatus for knitting machines and the like. 2,354,188; July 25.

Ascote, Inc. (See Davis, Willis G., assignor.)

Ash, Charles S., Milford, Mich. Dual wheel assembly. 2,338,224; Jan. 4.

Ash, Charles S., Milford, Mich. Dual wheel assembly. 2,338,393; Jan. 4.

Ash, Charles S., Milford, Mich. Dual wheel assembly. 2,341,755; Feb. 15.

Ash, Charles S., Milford, Mich. Dual wheeled vehicle. 2,343,129; Feb. 29.

Ash, Charles S., Milford, Mich. Wheel and brake assembly. 2,349,928; May 30.

Ash, Charles S., Milford, Mich. Brake mechanism. 2,351,180; June 13.

Ash, Charles S., Milford, Mich. Dual wheel assembly. 2,355,133; Aug. 8.

Ash, Charles S., Milford, Mich. Bogie wheel. 2,355,941; Aug. 15.

Ash, Charles S., Milford, Mich. Wheel. 2,355,942; Aug. 15.

Ash, Charles S., Milford, Mich. Dual wheel assembly. 2,364,183; Dec. 5.

Ash, Charles S., Milford, Mich. Dual wheel assembly. 2,365,617; Dec. 19.

Ash, Charles S., Milford, Mich. Dual wheel assembly. 2,365,618; Dec. 19.

Ashbaugh, Bernard D. (See Ernst, W., Lawyer, and Ashbaugh.)

Ashbaugh, Bernard D., Mount Gilead, Ohio, assignor to The Hydraulic Development Corp., Inc., Wilmington, Del. Feeding unit for injection molding machines. 2,358,956; Sept. 26.

Ashbaugh, John H., Longmeadow, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerator cabinet. 2,343,168; Feb. 29.

Ashbaugh, John H., Longmeadow, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. 2,346,641; Apr. 18.

Ashby, Carl T., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Evaporator. 2,338,277; Jan. 4.

Ashby, Harold W. (See Newman, T. P. and Ashby.)

Ashcraft, Ernest G., Long Beach, Calif. Apparatus for determining physical properties of fluids. 2,358,374; Sept. 19.

Ashley, Carlyle M., and B. B. Mooney, Syracuse, N. Y., assignors to Carrier Corporation, Newark, N. J. Unit heater. 2,346,410; Apr. 11.

Ashley, Cecil W., Fort Worth, Tex. Service valve for portable containers. 2,365,241; Dec. 19.

Ashley, Gerald J., Detroit, Mich. Drag bucket. 2,359,817; Oct. 10.

Ashley, Julius N. (See Ewins, A. J., and Ashley.)

Ashley, Kenneth D., Noroton, Conn., and E. W. Cook, assignors to American Cyanamid Company, New York, N. Y. Preparation of barium salts of alkyl phenol sulphides. 2,342,099; Feb. 22.

Ashley, Kenneth D., Noroton, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparation of barium salts of dithiophosphoric acid esters. 2,343,213; Feb. 29.

Ashley, Merwin F., Arlington, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Making back parts of shoes. 2,365,795; Dec. 26.

Ashley, Merwin F., Arlington, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Making shoes. 2,365,796; Dec. 26.

Ashmore, Benson, Pease and Company Limited. (See Brown, W. R., and Graveson, assignors.)

Ashpes, Max, New York, N. Y. Device for cleaning and drying roller stipplers. 2,344,017; Mar. 14.

Ashton, Albert A., assignor to Emsco Derrick & Equipment Company, Los Angeles, Calif. Cat shaft assembly for draw works. 2,339,449; Jan. 18.

Ashton, Albert A., assignor to Emsco Derrick & Equipment Company, Los Angeles, Calif. Hydromatic brake arrangement. 2,339,450; Jan. 18.

Ashton, Albert A., Houston, Tex., assignor to Emsco Derrick & Equipment Company, Los Angeles, Calif. Mud pump. 2,362,524; Nov. 14.

Ashton, Albert A., Houston, Tex., assignor to Emsco Derrick & Equipment Company, Los Angeles, Calif. Slush pump. 2,362,525; Nov. 14.

Ashton, Benjamin N., assignor to Electrol Incorporated, Kingston, N. Y. Hydraulic pressure control valve unit. 2,349,069; May 16.

Ashton, Benjamin N., assignor to Electrol Incorporated, Kingston, N. Y. Accumulator. 2,365,994; Dec. 26.

Ashton, Charles E., Stockton, Calif. Ratchet open-ended wrench. 2,343,130; Feb. 29.

Ashton, Charles E., Stockton, Calif. Picking device. 2,354,356; July 25.

Ashton, Philip E., and E. Fowler, Meriden, Conn., said Fowler assignor to said Ashton. Electric cigar lighter. 2,338,565; Jan. 4.

Ashton, Ralph. (See Behen, George L., assignor.)

Ashton, Thomas H. (See Stohlman, W. D., and Ashton.)

Ashton, Willard A., Van Nuys, Calif., assignor, by mesne assignments, to Lockheed Aircraft Corporation. Hydraulic locking mechanism. 2,360,535; Oct. 17.

Ashton, William A., Pittsburgh, Pa., assignor to Carnegie-Illinois Steel Corporation. Manufacturing sheave wheels. 2,338,161; Jan. 4.

Ashworth, Fred, Wenham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Bobbin for lockstitch sewing machines. 2,340,574; Feb. 1.

Ashworth, Fred, Wenham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Sewing and cementing machine. 2,346,246; Apr. 11.

Ashworth, Fred, Wenham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Thread tension for sewing machines. 2,350,995; June 13.

Ashworth, Fred, Wenham, and C. F. Whitaker, Beverly, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J. Shoe sewing machine. 2,354,729; Aug. 1.

Ashworth, Fred, Wenham, and C. F. Whitaker, Beverly, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J. Shoe sewing machine. 2,354,730; Aug. 1.

Ashworth, Fred, Wenham, and C. F. Whitaker, Beverly, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J. Shoe sewing machine. 2,354,731; Aug. 1.

Ashworth, Fred, Wenham, and C. F. Whitaker, Beverly, Mass., assignors to United Shoe Machinery Corporation, Borough of Flemington, N. J. Shoe sewing machine. 2,360,465; Oct. 17.

Ashworth, James R., Butler, Pa., assignor to The American Rolling Mill Company, Middletown, Ohio. Guide. 2,365,322; Dec. 19.

Ashworth, Wylie, Helena, Mont. Puzzle. 2,347,020; Apr. 18.

Asimow, Morris, Los Angeles, Calif., and W. F. Craig, Jr., and P. Gravenstretter, Gary, Ind.; said Craig, Jr., and said Gravenstretter, assignors to Carnegie-Illinois Steel Corporation. Metalworking apparatus. 2,360,639; Oct. 17.

Asinger, Friedrich. (See Herold, P., Smeykal, Asinger, and Wolf.)

Askania Regulator Company. (See Ziebols, Herbert, assignor.)

Askania Regulator Company. (See Ziebols, H., and Vaaler, assignors.)

Aske, Charles B., Jr., Detroit, Mich. Wheel trim and securing means therefor. 2,351,655; June 20.

Aske, Irving E., Muskegon, Mich. Piston. 2,356,909; Aug. 29.

Aske, Leonard E., assignor to Dayton Rogers Manufacturing Co., Minneapolis, Minn. Punch press. 2,346,719; Apr. 18.

Askew, John D., Atlanta, Ga. Humidity controller. 2,344,530; Mar. 21.

Askue, Albert R., Mentor, assignor to The Cleveland Trencher Company, Cleveland, Ohio. Excavator bucket. 2,338,616; Jan. 4.

Askue, Albert R., Mentor, assignor to The Cleveland Trencher Company, Cleveland, Ohio. Excavator bucket. 2,353,685; July 18.

Aspelin, Leslie L., E. C. Phillips, and R. E. Grey, Dayton, Ohio. Air conditioning system. 2,340,292; Feb. 1.

Aspinwall, Carl S., assignor to Norton Lasier Company, Chicago, Ill. Door closing and checking device. 2,360,095; Oct. 10.

Associated Box Corporation. (See McIlwraith, J. W., and Miller.)

Associated Messier Investments Limited. (See Arnot, Alfred, assignor.)

Associated Messier Investments Limited. (See Hadekel, R., and Perriches, assignors.)

Associated Patentees, Inc. (See Borton, Alwyn E., assignor.)

Associated Patentees, Inc. (See Powers, Walter P., assignor.)

Association of American Soap & Glycerine Producers, Inc. (See Du Puis, R. N., and Lenth, assignors.)

Astbury, William T. (See Chibnall, A. C., and Bailey, assignors.)

Astron, Carl P., East Orange, N. J., assignor to M. H. Treadwell Company, Inc., New York, N. Y. Railway dump car. 2,359,602; Oct. 3.

Aszody Arnold E. Newark N. J. Nonspill bottle for ink and other fluids. 2,338,086; Jan. 4.

Atchison, Irwin C., Sherman, Conn. Farm tractor attachment. 2,341,417; Feb. 8.

Athy, Lyman C., and P. C. Stufft, Baltimore, Md., assignors to Pemco Corporation. Production and utilization of vitreous enamels. 2,361,376; Oct. 31.

Atkin, Lawrence. (See Schultz, A. S., Atkin, and Frey.)

Atkins, Dorothy G., Groton, Conn. Drill jig. 2,341,418; Feb. 8.

Atkins, George E., Glen Ridge, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,343,516; Mar. 7.

Atkins, George E., Glen Ridge, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Batteryless telephone system. 2,346,548; Apr. 11.

Atkins, George E., Glen Ridge, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Switching mechanism. 2,349,929; May 30

Atkins, Percy P. (See Wibmer, M. D., Atkins, and Holbrow.)

Atkins, Thomas R., Saugus, Mass. Shoe construction. 2,361,675; Oct. 31.

Atkins, Thomas V., Burlington, assignor to H. C. Wheeler, Brookline, Mass. Display cabinet. 2,361,346; Oct. 24.

Atkinson, John F., Lake City, Fla. Portable hot line carrier current coupling device. 2,341,519; Feb. 15.

Atkinson, Reid G., Honolulu, Hawaii, assignor to American Can Company, New York, N. Y. Container body. 2,342,109; Feb. 22.

Atkinson, Warren H., Mount Lebanon, Pa., and H. W. Collins, Newark, Ohio, assignors to Owens-Corning Fiberglas Corporation. Forming pipe coverings. 2,350,996; June 13.

Atlantic Coast Fisheries Company, The. (See Taylor, Harden F., assignor.)

Atlantic Diesel Corporation. (See Godfrey, Edwin H., assignor.)

Atlantic Diesel Corporation. (See Johnson, Robert D., assignor.)

Atlantic Elevator Company. (See Borden, Joseph H., assignor.)

Atlantic Gear Works, Incorporated. (See Dahlerup, Christian G., assignor.)

Atlantic Products Corporation. See Gold, Isadore, assignor.)

Atlantic Rayon Corporation. (See Raymond, Horace H., assignor.)

Atlantic Refinery Company, The. (See Reuter, Raymond, assignor.)

Atlantic Refining Company, The. (See Becker, Joseph C., assignor.)

Atlantic Refining Company, The. (See Bent, R. D., and Pines, assignors.)

Atlantic Refining Company, The. (See Birkhimer, Edwin R., assignor.)

Atlantic Refining Company, The. (See Chechot, Vladimir L., assignor.)

Atlantic Refining Company, The. (See Gzemski, Flex C., assignor.)

Atlantic Refining Company, The. (See Hartman, Russell C., assignor.)

Atlantic Refining Company, The. (See Higbee, H. B., and Griesinger, assignors.)

Atlantic Refining Company, The. (See Roberts, Oscar L., assignor.)

Atlantic Refining Company, The. (See Schreiber, William, assignor.)

Atlantic Refining Company. (See Simonds, Frank C., assignor.)

Atlantic Refining Company, The. (See Zachow, William C., assignor.)

Atlas Engine Co. (See Petrilli, Harry E., assignor.)

Atlas Lumnite Company, The. (See Friedlaender, W. V. and Ludwig, assignors.)

Atlas, Marcel A. (See Krueger, Herman A., assignor.)

Atlas Mineral Products Company, The. (See Payne, C. R., and Seymour, assignors.)

Atlas Powder Company. (See Almy, Ernest G., assignor.)

Atlas Powder Company. (See Brown, Kenneth R., assignor.)
Atlas Powder Company. (See Carey, Claude H., assignor.)
Atlas Powder Company. (See Djidics, A., and Pratt, assignors.)
Atlas Powder Company. (See Hales, R. A., Almy, Young, and Pratt, assignors.)
Atlas Powder Company. (See Holst, William H., assignor.)
Atlas Powder Company. (See Pratt, Carl D., assignor.)
Atlas Press Company. (See Collins, James G., assignor.)
Atlas Steel Barrel Corporation. (See Proctor, John R., assignor.)
Atlas Underwear Company, The. (See Harwood, Asa J., assignor.)
Atlee, Zed J., Elmhurst, assignor to General Electric X-Ray Corporation, Chicago, Ill. X-ray apparatus. 2,343,729; Mar. 7.
Atlee, Zed J., Elmhurst, assignor to General Electric X-Ray Corporation, Chicago, Ill. X-ray tube. 2,343,730; Mar. 7.
Atlee, Zed J., Elmhurst, assignor to General Electric X-Ray Corporation, Chicago, Ill. X-ray tube. 2,345,722; Apr. 4.
Atlee, Zed J., Elmhurst, assignor to General Electric X-Ray Corporation, Chicago, Ill. X-ray tube. 2,350,269; May 30.
Atlee, Zed J., Elmhurst, assignor to General Electric X-Ray Corporation, Chicago, Ill. Cathode assembly structure. 2,350,270; May 30.
Atlee, Zed J., Elmhurst, assignor to General Electric X-Ray Corporation, Chicago, Ill. Grid assembly structure. 2,358,200; Sept. 12.
Atlee, Zed J., Elmhurst, assignor to General Electric X-Ray Corporation, Chicago, Ill. X-ray tube. 2,365,855; Dec. 26.
Atlee, Zed J., Elmhurst, and H. W. Brackney, assignors to General Electric X-Ray Corporation, Chicago, Ill. X-ray generator. 2,340,361; Feb. 1.
Atlee, Zed J., Elmhurst, and H. W. Brackney, assignors to General Electric X-Ray Corporation, Chicago, Ill. Window construction for X-ray tubes. 2,340,362; Feb. 1.
Atlee, Zed J., Elmhurst, and F. R. Abbott, Berkeley, assignors to General Electric X-Ray Corporation, Chicago, Ill. Control for focal spots in X-ray generators. 2,340,343; Feb. 1.
Atlee, Zed J., Elmhurst, and J. C. Filmer, Wheaton, assignor to General Electric X-Ray Corporation, Chicago, Ill. X-ray tube. 2,345,723; Apr. 4.
Atlee, Zed J., Elmhurst, Ill., and R. F. Wilson, Washington, D. C., assignors to General Electric X-Ray Corporation, Chicago, Ill. Electron flow device. 2,348,184; May 9.
Atlee, Zed J., Elmhurst, Ill., and H. W. Brackney, Washington, D. C., assignors to General Electric X-Ray Corporation, Chicago, Ill. X-ray tube. 2,356,645; Aug. 22.
Attapulgus Clay Company. (See La Lande, William A., Jr., assignor.)
Attl, Raphael, Cliffside Park, N. J. Apparatus for roasting coffee. 2,360,838; Oct. 24.
Attlas, Joshua, New York, N. Y. Gas-heated soldering iron. 2,344,196; Mar. 14.
Attwood, Charles W., Wayne, Mich. Skeletonized structure. 2,345,650; Apr. 4.
Attwood, Charles W., Wayne, Mich. Scaffolding. 2,363,322; Nov. 21.
Atwell, Clarence A., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Direct-current motor. 2,354,097; July 18.
Atwell, Harold V., Beacon, assignor to The Texas Company, New York, N. Y. Catalytic conversion of hydrocarbons. 2,355,198; Aug. 8.
Atwood, Ben F., Lakeland, Fla. Transmission and modulation of light beams. 2,345,445; Mar. 28.
Atwood, Charles T. (See Maxwell, B. L., and Atwood.)
Atwood, Francis C., Newton, Mass., assignor, by mesne assignments, to National Dairy Products Corporation, New York, N. Y. Treating fibrous material and product resulting therefrom. 2,342,634; Feb. 29.
Atwood, Francis C., Newton, Mass., assignor, by mesne assignments, to National Dairy Products Corporation, New York, N. Y. Making proteinaceous fibers. 2,342,904; Feb. 29.
Atwood, Harry N., assignor to Penokee Veneer Company, Mellen, Wis. Press. 2,364,597; Dec. 12.
Atwood, Horace, Jr., assignor to A. B. Du Mont Laboratories, Inc., Passaic, N. J. Shield for cathode ray tubes. 2,343,630; Mar. 7.
Atwood, James T., assignor to The Atwood Vacuum Machine Company, Rockford, Ill. Coupler. 2,355,695; Aug. 15.
Atwood, Lyle C., assignor to The Atwood Vacuum Machine Company, Rockford, Ill. Automobile door hinge. 2,354,799; Aug. 1.
Atwood Machine Company. (See Winslow, Albert E., assignor.)
Atwood, Rawson, New York, assignor to Decorated Metal Manufacturing Company, Inc., Brooklyn, N. Y. Textile spool. 2,359,603; Oct. 3.
Atwood, Rawson, Garden City, assignor to Decorated Metal Manufacturing Company, Inc., New York, N. Y. Textile spool. 2,359,604; Oct. 3.
Atwood, Seth B., Rockford, Ill. Making hinge members. 2,345,562; Apr. 4.
Atwood Vacuum Machine Company, The. (See Atwood, James T., assignor.)
Atwood Vacuum Machine Company, The. (See Atwood, Lyle C., assignor.)
Atwood Vacuum Machine Company, The. (See Miller, Kay, assignor.)
Auberschek, Joseph F., Milwaukee, Wis. Fluid filter. 2,353,433; July 11.
Auble, Arthur J., Ord, Nebr. Apparatus for timing watches. 2,340,575; Feb. 1.
Auburn, Hubert, Mount Healthy, assignor to The Tenacity Manufacturing Co., Lockland, Ohio. Loose-leaf binder. 2,338,891; Jan. 11.
Audet, Herbert R., Springfield, Mass. Blank firing safety attachment. 2,355,045; Aug. 8.
Audino, Frank F., Corona, Long Island, N. Y. Shoe and outsole therefor. 2,345,551; Apr. 4.
Auer, Frederick. (See Crane, E. V., and Auer.)
Auer, George. (See Wagner, E., and Auer.)
Auer, László, East Orange, assignor to Ridbo Laboratories, Inc., Paterson, N. J. Protective and decorative coating. 2,352,172; June 27.
Auer, László, East Orange, assignor to Ridbo Laboratories, Inc., Paterson, N. J. Lacquer. 2,352,173; June 27.
Auer, László, East Orange, N. J., assignor to Interchemical Corporation, New York, N. Y. Coated flatting agent and making the same. 2,363,489; Nov. 28.
Auer, László, South Orange, N. J., assignor to Interchemical Corporation, New York, N. Y. Coated flatting agent and making the same. 2,364,611; Dec. 12.
Auerbach, Zemach, New York, N. Y. Container. 2,347,021; Apr. 18.
Auñero, John R., Brooklyn, N. Y. Flashlight. 2,360,821; Oct. 24.
August, Joseph, Jr., assignor to The Standard Oil Company, Cleveland, Ohio. Reclaiming of constituents from waste solutions containing sulphur, etc. 2,352,594; July 4.
Auld, Donald W., and L. J. Weber, Bartlesville, Okla., assignors to Phillips Petroleum Company. Wire line pressure retaining core barrel. 2,347,726; May 2.
Aulin, Evert, Lidingo, assignor to Aga-Baltic Aktiebolag, Stockholm, Sweden. Arrangement in distance meters according to the stereo-principle. 2,350,210; May 30.
Aurich, Paul H., Chemnitz, Germany; vested in the Alien Property Custodian. Humidifier. 2,338,394; Jan. 4.
Aurien, Ray G., assignor to American Steel Foundries, Chicago, Ill. Rotor brake. 2,347,367; Apr. 25.
Aurien, Ray G., Chicago, Ill., and L. L. Whitney, Hammond, Ind., assignors to American Steel Foundries, Chicago, Ill. Brake beam. 2,356,720; Aug. 22.
Aurig, Max, Munich, Germany; vested in the Alien Property Custodian. Disintegratorlike device. 2,338,373; Jan. 4.
Ausburn, Frank P., and C. C. Winslow, Long Beach, Calif. Cementing tool. 2,360,311; Oct. 17.
Auslander, Henry, Brooklyn, N. Y. Wing nut. 2,343,947; Mar. 14.
Aust, Joseph B. (See Martin, H. C., and Aust.)
Aust, Robert J. (See Rosser, T. N., and Aust.)
Aust, Robert J., assignor to P. R. Mallory & Company, Inc., Indianapolis, Ind. Vibrator mounting. 2,339,973; Jan. 25.
Aust, Robert J., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Vibrator operated power supply. 2,347,165; Apr. 25.
Aust, Robert J., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Making insulated wire units. 2,360,512; Oct. 17.
Aust, Robert J., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Making vibrators. 2,364,684; Dec. 12.
Austenal Laboratories, Inc. (See Zahn, Eric H., assignor.)
Austin, Albert B., Minneapolis, Minn. Traction device. 2,343,131; Feb. 29.
Austin, Albert B., Minneapolis, Minn. Sectional fireplace heater. 2,362,526; Nov. 14.
Austin, Arthur O., near Barberton, Ohio, and L. W. Austin, near San Jose, Calif. Forming articles of plastic material. 2,353,000; July 4.
Austin, Bascum O., Wapakoneta, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit controlling apparatus. 2,351,901; June 20.
Austin, Charles D., Cincinnati, Ohio. Device for taking stereoscopic pictures. 2,362,790; Nov. 14.
Austin, Clarence L., Round Grove, Ill. Animal weaner. 2,341,072; Feb. 8.
Austin, Donald D. (See Mentley, M. B., and Austin.)
Austin, Ellsworth W. (See Choate, R. E., and Austin.)
Austin, Ellsworth W., assignor to La Plant-Choate Mfg. Co., Inc., Cedar Rapids, Iowa. Tractor attachment. 2,341,853; Feb. 15.
Austin, Ellsworth W., assignor to La Plant-Choate Mfg. Co., Inc., Cedar Rapids, Iowa. Implement for tractors. 2,344,584; Mar. 21.

Austin, Ellsworth W., assignor to La Plant-Choate Mfg. Co., Inc., Cedar Rapids, Iowa. Bulldozer. 2,351,799; June 20.
Austin, Ellsworth W., assignor to La Plant-Choate Mfg. Co., Inc., Cedar Rapids, Iowa. Earth mover. 2,353,120; July 11.
Austin, Ellsworth W., assignor to La Plant-Choate Mfg. Co., Inc., Cedar Rapids, Iowa. Excavator. 2,360,823; Oct. 24.
Austin, Harold R., South Norwalk, Conn., assignor to The M. W. Kellogg Company, New York, N. Y. Lined metal article. 2,347,070; Apr. 18.
Austin, Harold T., Seattle, Wash., assignor to Patents, Inc., Cooking food. 2,339,974; Jan. 25.
Austin, Harry M., East Petersburg, assignor to Armstrong Cork Company, Lancaster, Pa. Flexible coupling. 2,343,839; Mar. 7.
Austin, John J. (See Walton, R. R., Austin, and Gott.)
Austin, Kirby B., Bridgeport, Conn., assignor to General Electric Company. Frequency response control circuit. 2,352,931; July 4.
Austin, Leslie W. (See Austin, Arthur O. and L. W.)
Austin, Merritt B., Jr., Winnetka, Ill. Adjustable plaster ear. 2,348,318; May 9.
Austin, Osias, Brooklyn, N. Y. Applying pigments to surfaces. 2,347,022; Apr. 18.
Austin, Paul R., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cork compositions. 2,365,506; Dec. 19.
Auten, Claude I., Birmingham, Ala., assignor to Tennessee Coal, Iron and Railroad Company. Fastening means. 2,348,580; May 9.
Auten, Claude I., Birmingham, Ala., assignor to Tennessee Coal, Iron and Railroad Company. Folding door and support therefor. 2,351,656; June 20.
Auten, Claude I., Birmingham, Ala., assignor to Tennessee Coal, Iron and Railroad Company. Prefabricated metal doorway. 2,356,730; Aug. 29.
Auten, Claude I., Birmingham, Ala., assignor to Tennessee Coal, Iron and Railroad Company. Window for prefabricated houses. 2,363,475; Nov. 28.
Autocall Company, The. (See Harrington, James R., assignor.)
Auto Research Corporation. (See Kocher, Edward H., assignor.)
Autogas Company. (See Furlong, Francis A., assignor.)
Autogas Company. (See Furlong, F. A., and Penfold, assignors.)
Autogiro Company of America. (See Bennett, James A. J., assignor.)
Autogiro Company of America. (See Campbell, Harris S., assignor.)
Autogiro Company of America. (See Pitcairn, Harold F., assignor.)
Autogiro Company of America. (See Pullin, Cyril G., assignor.)
Autographic Register Company. (See Johnson, Arthur A., assignor.)
Autographic Register Company. (See Schultz, Frank, assignor.)
Automatic Air Gauge, Inc. (See Critser, L., and Mencimer, assignors.)
Automatic Appliance Corporation. (See Van Horn, O. F., and Whittaker, assignors.)
Automatic Canteen Company of America. (See Bauman, G. C., Bolen, and Thompson, assignors.)
Automatic Canteen Company of America. (See Carlson, John W., assignor.)
Automatic Canteen Company of America. (See Doggett, Leo W., assignor.)
Automatic Canteen Company of America. (See Richmond, William E., assignor.)
Automatic Canteen Company of America. (See Thompson, Ernest H., assignor.)
Automatic Coil Winder & Electrical Equipment Company Limited. (See Macadie, H. S., and Fraenkel, assignors.)
Automatic Control Corporation. (See Bower, George D., assignor.)
Automatic Control Corporation. (See Erb, George H., assignor.)
Automatic Control Corporation. (See Garner, Claude M., assignor.)
Automatic Control Corporation. (See Muchow, Elmer, assignor.)
Automatic Control Corporation. (See Rennecamp, Clarence, assignor.)
Automatic Devices Corporation. (See Conboy, Russell D., assignor.)
Automatic Devices Corporation. (See Johnson, Arthur A., assignor.)
Automatic Devices Corporation. (See Lehmann, Herbert G., assignor.)
Automatic Electric Laboratories, Inc. (See Baker, George T., assignor.)
Automatic Electric Laboratories, Inc. (See Balzer, Harvey W., assignor.)
Automatic Electric Laboratories, Inc. (See Brown, James W., assignor.)
Automatic Electric Laboratories, Inc. (See Burns, George A., assignor.)
Automatic Electric Laboratories, Inc. (See Crocker, Thomas F., assignor.)
Automatic Electric Laboratories, Inc. (See Evers, H. G., and Elliott, assignors.)
Automatic Electric Laboratories, Inc. (See Frydman, Emanuel, assignor.)
Automatic Electric Laboratories, Inc. (See Giannini, Gabriel M., assignor.)
Automatic Electric Laboratories, Inc. (See Giannini, G. M., and Eisenberg, assignors.)
Automatic Electric Laboratories, Inc. (See Gillings, C., and Murray, assignors.)
Automatic Electric Laboratories, Inc. (See Grandstaff, Otho D., assignor.)
Automatic Electric Laboratories, Inc. (See Grandstaff, O. D., Gilman, and Herrick, assignors.)
Automatic Electric Laboratories, Inc. (See Henrikson, Oscar W., assignor.)
Automatic Electric Laboratories, Inc. (See Herrick, Roswell H., assignor.)
Automatic Electric Laboratories, Inc. (See Horlacher, Albert F., assignor.)
Automatic Electric Laboratories, Inc. (See Kessler, Frank, assignor.)
Automatic Electric Laboratories, Inc. (See Lomax, Clarence E., assignor.)
Automatic Electric Laboratories, Inc. (See Mackenzie, John F., assignor.)
Automatic Electric Laboratories, Inc. (See Molnar, Imre, assignor.)
Automatic Electric Laboratories, Inc. (See Nelson, Martin L., assignor.)
Automatic Electric Laboratories, Inc. (See Obergfell, Herbert F., assignor.)
Automatic Electric Laboratories, Inc. (See Ostline, John E., assignor.)
Automatic Electric Laboratories, Inc. (See Pearce, O. A., and Oliver, assignors.)
Automatic Electric Laboratories, Inc. (See Peterson, Edward S., assignor.)
Automatic Electric Laboratories, Inc. (See Peterson, Seth E., assignor.)
Automatic Electric Laboratories, Inc. (See Peterson, S. E., and Johnson, assignors.)
Automatic Electric Laboratories, Inc. (See Smith, Howard H., assignor.)
Automatic Electric Laboratories, Inc. (See Taylor, R., and Baker, assignors.)
Automatic Electric Laboratories, Inc. (See Thompson, George W., assignor.)
Automatic Electric Laboratories, Inc. (See Willis, Bernard D., assignor.)
Automatic Electric Laboratories, Inc. (See Woodruff, Albert E., assignor.)
Automatic Products Company. (See Boerner, Arthur R., assignor.)
Automatic Products Company. (See Bolens, Harry W., assignor.)
Automatic Products Company. (See Johnson, R. W., and Biermann, assignors.)
Automatic Products Company. (See Johnson, R. W. Biermann, and Pawelsky, assignors.)
Automatic Products Company. (See Johnson, R. W., and Pawelsky, assignors.)
Automatic Products Company. (See Pawelsky, V. R., and Biermann, assignors.)
Automatic Products Company Limited. (See Eves, Frederick S., assignor.)
Automotive Products Company Limited. (See Simpson, John K., assignor.)
Automatic Products Company, Limited, et al. (See Thornhill, Peter W., assignor.)
Automatic Pump & Softener Corporation. (See Whitlock, Fred W., assignor.)
Automatic Safety Wringer Company. (See Fay, Horace B., assignor.)
Automatic Safety Wringer Company. (See Williams, Charles W., assignor.)
Automatic Screen Corporation. (See Rood, William B., assignor.)
Automatic Shifters, Inc. (See Hey, Henry W., assignor.)
Automatic Shifters, Inc. (See Hey, H. W., and Ingres, assignors.)
Automatic Shifters, Inc. (See Ingres, Jeannot G., assignor.)
Automatic Shifters, Inc. (See Smith, George T., assignor.)
Automatic Signal Corporation. (See Christensen, Kaj S., assignor.)
"Automatic" Sprinkler Company of America. (See Rider, Harry N., assignor.)
"Automatic" Sprinkler Company of America. (See Rider, H. N., and Dieter, assignors.)
"Automatic" Sprinkler Company of America. (See Wood, C. M. (assignor), and Jones.)
Automatic Telephone & Electric Company Limited. (See Simpson, L. M., and Woodland, assignors.)
Automatic Voting Machine Corporation. (See Gustavson, Alvin N., assignor.)
Automatic Washer Company. (See Parish, Fred A., assignor.)
Automotive Maintenance Machinery Co. (See Fulmer, Charles A., assignor.)
Automotive Products Company Limited. (See Carlton, Quintin H., assignor.)
Automotive Products Company Limited. (See Chouings, Leslie C., assignor.)

Automotive Products Company Limited. (See Clench, E. C. S., and Carlton, assignors.)
Automotive Products Company Limited. (See Down, Cyril R., assignor.)
Automotive Products Company, Limited. (See Eves, Frederick S., assignor.)
Automotive Products Company, Limited. (See Foottit, F. D., and Trapp, assignors.)
Automotive Products Company Limited. (See Foster, Sidney, assignor.)
Automotive Products Company Limited. (See Gates, Geoffrey R. G., assignor.)
Automotive Products Company, Limited. (See Gosling, Clive A., assignor.)
Automotive Products Company. (See Henry, Howarth P., assignor.)
Automotive Products Company Limited. (See Jelfs, Robert E., assignor.)
Automotive Products Company Limited. (See Parker, Sydney M., assignor.)
Automotive Products Company Limited. (See Parnell, Frank G., assignor.)
Automotive Products Company Limited. (See Simpson, John K., assignor.)
Automotive Products Company Limited. (See Watson, Cyril D., assignor.)
Automotive Products Company, Limited, et al. (See Eves, F. S., and Bamford, assignors.)
Auto-Ordnance Corporation. (See Huss, Henry, assignor.)
Auto-Ordnance Corporation. (See Laboulais, Jean, assignor.)
Auto-Ordnance Corporation. (See Schillberg, Frank W., assignor.)
Autopoint Company. (See Dell, Frank C., assignor.)
Autoxygen, Inc. (See Kokatnur, Vaman R., assignor.)
Autoxygen, Inc. (See Kokatnur, V. R., and Van Hook.)
Autoyre Company, The. (See Sanford, Roy S., assignor.)
Autoyre Company, The. (See Shaller, Philip H., assignor.)
Auxier, Robert W., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Bearing material and bearing. 2,338,480; Jan. 4.
Ave'Lallemant, Martin H., Milwaukee, Wis. Storm sash ventilator. 2,365,323; Dec. 19.
Avenhaus, Wilhelm, Zwickau, Germany; vested in the Alien Property Custodian. Method and apparatus for the production of ceramic shaped bodies, especially clay tiles. 2,356,496; Aug. 22.
Avens, Alfred W. (See Pearce, G. W., and Avens.)
Averill, Charles. (See Eastes, J. W., and Averill.)
Averill, William D., and A. L. Hamelberg, assignors to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Broaching machine. 2,365,040; Dec. 12.
Avery, B. F., and Sons Company. (See Ray, Charles T., assignor.)
Avery, Cleveland C. (See Barry, J. P., and Avery.)
Avery, George S., Jr., New London, Conn., assignor to The Dow Chemical Company, Midland, Mich. Regulation of plant growth. 2,364,054; Dec. 5.
Avery, Gordon C., Washington, D. C. Reversing attachment for duplicating machines. 2,363,490; Nov. 28.
Avery, Harold T., Oakland, Calif., assignor to Marchant Calculating Machine Company. Calculating machine. 2,343,273; Mar. 7.
Avery, Harold T., Oakland, Calif., assignor to Marchant Calculating Machine Company. Tabulating mechanism. 2,365,324; Dec. 19.
Avery, Harold T., Oakland, Calif., assignor to Marchant Calculating Machine Company. Clutch mechanism for calculating machines. 2,365,325; Dec. 19.
Avery, Harold T., De W. M. Grimm, and F. N. Schwend, Oakland, Calif., assignors to Marchant Calculating Machine Company. Calculating, machine. 2,350,979; June 13.
Avery, Henry A., Groton, and C. Walker, assignors to L. C. Smith & Corona Typewriters, Inc., Syracuse, N. Y. Typewriting machine. 2,353,803; July 18.
Avery, Park, Oakland, Calif. Chromatograph. 2,360,536; Oct. 17.
Avery, Steven B., Philadelphia, Pa., assignor to The Ruberoid Co., New York, N. Y. Apparatus for extrusion of plastic material in tubular form. 2,344,959; Mar. 28.
Avery, True M., Glens Falls, and W. H. Bokenkroger, assignors to Union Bag & Paper Corporation, Hudson Falls, N. Y. Bag. 2,359,190; Sept. 26.
Avery, W. & T., Limited. (See Page, Alfred E., assignor.)
Aviation Corporation, The. (See Carpenter, John H., assignor.)
Aviation Corporation, The. (See Chubb, Leroy B., assignor.)
Aviation Corporation, The. (See John, William E., assignor.)
Aviation Corporation, The. (See Lampton, G. T., and Moyer, assignors.)
Aviation Patents, Inc. (See Houghton, Howard D., assignor.)
Aviation Patents, Inc. (See McLeod, Albert K., assignor.)
Avigdor, Rifat, Toronto, Ontario. Mounting instruments in their casings. 2,352,881; July 4.
Avila, Frank W., Fort Wayne, Ind., assignor to International Harvester Company. Clutch control means. 2,341,756; Feb. 15.
Avis, Harriette M., administratrix. (See Avis, Samuel W.)
Avis, Sam, Chicago, Ill. Production of sirup from fruit juice. 2,361,586; Oct. 31.
Avis, Samuel W., deceased, by H. M. Avis, Wellesley, administratrix, assignor to The Reece Button Hole Machine Company, Boston, Mass. Button clamp. 2,352,681; July 4.
Avrick, Abraham, New York, N. Y. Tape and label dispenser. 2,361,730; Oct. 31.
Awbrey, William P., Kansas City, Mo. Reenforcing bar support. 2,349,399; May 23.
Axelrad, Felix, New York, N. Y., assignor to The Richards Chemical Works, Jersey City, N. J. Improving brightness of fibrous materials. 2,341,009; Feb. 8.
Axelrod, Solomon, Bronx, N. Y. Register device. 2,349,070; May 16.
Axelrod, Solomon, New York, N. Y. Pedal operated vehicle. 2,360,824; Oct. 24.
Axelson Manufacturing Co. (See Mattingly, Harold W., assignor.)
Axelsson, Nils R. (See Dodge, M. C., and Axelsson.)
Axman, Max W. (See Adams, P. G., and Axman.)
Axtmann, Clarence G., Sacramento, Calif. Sighting device. 2,344,068; Mar. 21.
Ayars, Charles H., Salem, N. J. Can filling apparatus. 2,356,142; Aug. 22.
Ayars, Harry D., Philadelphia, Pa., assignor to Continental Can Company, Inc., New York, N. Y. Machine for filling cans. 2,358,680; Sept. 19.
Ayars, Harry D., Philadelphia, Pa., assignor to Continental Can Company, Inc., New York, N. Y. Attachment for stripping foam from cans. 2,362,791; Nov. 14.
Ayars, Harry D., Philadelphia, Pa., assignor to Continental Can Company, Inc., New York, N. Y. Stop mechanism for can conveyers. 2,362,792; Nov. 14.
Ayars, Harry D., Philadelphia, Pa., assignor to Continental Can Company, Inc., New York, N. Y. Machine for filling cans. 2,362,793; Nov. 14.
Aycock, John A., Rock Hill, S. C., assignor to Rock Hill Printing & Finishing Company. Web slitting means and method. 2,364,888; Dec. 12.
Aydelotte, John W., Philadelphia, Pa. Shell body. 2,360,096; Oct. 10.
Ayers, Allyn L., Oakland, Calif. Tandem axle vehicle. 2,361,166; Oct. 24.
Ayers, Donald J., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,347,388; Apr. 25.
Ayers, Edgar H., Schenectady, N. Y., assignor to General Electric Company. 2,361,808; Oct. 31.
Ayers, Fred L., Watertown, Mass. Shoe and making same. 2,345,372; Mar. 28.
Ayers, Fred L., Watertown, Mass. Inseam fastening machine. 2,352,509; June 27.
Ayers, Fred L., Watertown, Mass. Innersole and making the same. 2,352,510; June 27.
Ayers, Fred L., Watertown, Mass. Innersole and making the same. 2,359,818; Oct. 10.
Ayers, Frederick P., Barnstaple, North Devon, England. Linear-dimension gauge. 2,350,862; June 6.
Ayers, George W., Chicago, and L. M. Henderson, Winnetka, assignors to The Pure Oil Company, Chicago, Ill. Removing mercaptans from hydrocarbon oil. 2,360,537; Oct. 17.
Ayers, George W., Jr. (See Henderson, L. M., and Ayers.)
Ayers, George W., Jr. (See Henderson, L. M., Ayers, and McNamara.)
Ayers, George W., Jr., and M. S. Agruss, Chicago, and R. T. Bell, Deerfield, assignors to The Pure Oil Company, Chicago, Ill. Separation of thiophenols from hydrophobic liquid mixtures. 2,364,416; Dec. 5.
Ayers, Joseph W., assignor to Agicide Laboratories, Inc., Milwaukee, Wis. Process and coating material for surfaces. 2,339,317; Jan. 18.
Ayers, Kreigh B., assignor to Wingfoot Corporation, Akron, Ohio. Treatment of magnesium. 2,357,991; Sept. 12.
Ayers, Maurice D., Pittsburgh, Pa. Uncoiling apparatus. 2,345,373; Mar. 28.
Ayers, Samuel H., Philadelphia, Pa., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Method and apparatus for packaging beverages. 2,361,587; Oct. 31.
Ayers, Samuel H., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Method and apparatus for packaging beverages. 2,361,588; Oct. 31.
Aylies, Andrew G. (See Van Wirt, A. E., and Aylies.)
Aylor, Frank O., Miami, Fla. Child's folding seat. 2,340,788; Feb. 1.
Aylor, Frank O., Miami, Fla. Collapsible or folding seat for young children. 2,340,789; Feb. 1.
Aylor, Frank O., Miami, Fla. Child's folding seat. 2,340,790; Feb. 1.
Aylsworth, Selden B., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrical relay. 2,363,038; Nov. 21.
Ayotte, Joseph Rene, Chicago, Ill. Safety razor. 2,348,590; May 9.
Ayres, Francis L., Des Plaines, assignor to Stewart-Warner Corporation, Chicago, Ill. Fastening means for detachable covers and other devices. 2,354,297; July 25.

Ayres, Fred D. (See Muskat, I. E., and Ayres.)
Ayres, John A., et al., executors. (See Brooks, Lew W.)
Ayres, Seymour A., East Lansing, Mich. Fuel oil feeding device. 2,353,616; Sept. 19.
Aywon Dress Co. Inc. (See Bayes, Lucille, assignor.)
B. B. Chemical Co. (See Griswold, Stanley M., assignor.)
B. B. Chemical Co. (See Morris, Thomas C., assignor.)
B. B. Chemical Co. (See Wells, Adoniram J., assignor.)
B. F. B. Engineers, Incorporated. (See Finch, Edgar L., assignor.)
B. G. Corporation, The. (See Paulson, George M., assignor.)
B-L Electric Manufacturing Company. (See Peters, Carl E., assignor.)
B. & R. Patents Limited. (See Birch, George C. R., assignor.)
B. & T. Floor Company, The. (See Farr, Michael, Jr., assignor.)
B. V. D. Corporation, The. (See Donmaux, Jerome N., assignor.)
B and W, Inc. (See Wright, Kenneth A., assignor.)
Baak, Albert E., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Fuel burner control apparatus. 2,346,284; Apr. 11.
Baak, Albert E., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Heat motor. 2,355,041; Aug. 8.
Baak, Albert E., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control of fuel feeding devices. 2,364,184; Dec. 5.
Baash-Ross Tool Company. (See Johnson, Glenn D., assignor.)
Babb, Benjamin A. (See Hall, Roy F., assignor.)
Babb, Claude R., Lakewood, assignor to The Yoder Company, Cleveland, Ohio. Mechanism for removing welding burrs. 2,354,289; July 25.
Babb, Maynard A. (See Warsher, A., and Babb.)
Babb, Maynard A., North Bergen, assignor, by mesne assignments, to M. M. Bilofsky, Newark, N. J. Hot vapor lamp equipment. 2,339,244; Jan. 18.
Babb, Maynard A., Tenafly, N. J. Starting and operating circuit for gaseous electric discharge devices. 2,341,520; Feb. 15.
Babbitt, Bethel J., Riverside, and C. C. McCain, Glen Ellyn, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Pressing apparatus. 2,357,867; Sept. 12.
Babbitt, John F., assignor to J. V. Pilcher Mfg. Co., Louisville, Ky. Making cartridge cases. 2,349,840; May 30.
Babcock, Dale F., Elmhurst, and A. W. Larchar, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of olefins and aromatic hydrocarbons. 2,346,642; Apr. 18.
Babcock, David L., assignor to Eastman Kodak Company, Rochester, N. Y. Control device for photographic cameras. 2,345,999; Apr. 4.
Babcock, David L., and F. J. Frisby, assignors to Eastman Kodak Company, Rochester, N. Y. Depth of field indicator for cameras. 2,350,009; May 30.
Babcock, Lloyd L., Compton, and J. O. Bishop, Torrance, Calif., assignors to The National Supply Company, Pittsburgh, Pa. Bending brake. 2,343,441; Mar. 7.
Babcock, Verner E., Port Clinton, Ohio. Backlash preventer for fishing reels. 2,341,073; Feb. 8.
Babcock & Wilcox Company, The. (See Bailey, Ervin G., assignor.)
Babcock & Wilcox Company, The. (See Bailey, E. G., Kerr, Fletcher, Watts, and Koolstra, assignors.)
Babcock & Wilcox Company, The. (See Behr, Robert K., assignor.)
Babcock & Wilcox Company, The. (See Dewald, Edward A., assignor.)
Babcock & Wilcox Company, The. (See Dow, R. L., Fon Dersmith, and Waugaman, assignors.)
Babcock & Wilcox Company, The. (See Fletcher, James, assignor.)
Babcock & Wilcox Company, The. (See Grubb, John C., assignor.)
Babcock & Wilcox Company, The. (See Hamilton, Carl C., assignor.)
Babcock & Wilcox Company, The. (See Hardgrove, Ralph M., assignor.)
Babcock & Wilcox Company, The. (See Kerr, Howard J., assignor.)
Babcock & Wilcox Company, The. (See Kerr, et al., J Fletcher, Watts, and Koolstra, assignors.)
Babcock & Wilcox, The. (See Maxwell, Carl A., assignor.)
Babcock & Wilcox Company, The. (See Shellenberger, Rolfe, assignor.)
Babcock & Wilcox Company, The. (See Wilcoxson, Leslie B., assignor.)
Babenco, Mauricio, Buenos Aires, Argentina. Electric switch. 2,365,444; Dec. 19.
Baber, Cecil H., et al. (See Turner, Leon E., assignor.)
Babineau, Rosaire, Pointe-aux-Trembles, Quebec, Canada. Filling device. 2,345,228; Mar. 28.
Babowski, Witold A., Cleveland, Ohio. Automatic means for opening parachutes. 2,365,445; Dec. 19.
Babson Bros. Co. (See Schilling, Lorell J., assignor.)
Babson Bros. Co. (See Thomas, Chester A., assignor.)
Bach, Henry M., Woodmere, assignor by mesne assignments, to Patents Research Corporation, New York, N. Y. Reactance system. 2,361,731; Oct. 31.
Bach, Jesse M., Bronx, N. Y. Ball game. 2,353,866; July 18.
Bach, Roy O., et al. (See Detjen, Robert L., assignor.)
Bach, Walter J., et al. (See Detjen, Robert L., assignor.)
Bachman, Charles H., Scotia, N. Y., assignor to General Electric Company. Electron lens. 2,347,982; May 2.
Bachman, Fred E., assignor to American Steel Foundries, Chicago, Ill. Car truck. 2,352,595; July 4.
Bachman, Fred E., assignor to American Steel Foundries, Chicago Ill. Spring group. 2,356,742; Aug. 29.
Bachman, Fred E., assignor to American Steel Foundries, Chicago, Ill. Spring group. 2,360,100; Oct. 10.
Bachrach, Irving W., Brooklyn, N. Y. Oscillating pump. 2,359,819; Oct. 10.
Bacigalupi, Peter, assignor to L. Basso and R. Zappettini, doing business as Wm. Zappettini Company, San Francisco, Calif. Shipping tray for flowers. 2,358,295; Sept. 19.
Back, Franz G., assignor of one-half to R. D. Esshaugh, and one-half to Gastro-Photor Laboratories, New York, N. Y. Panoramic camera. 2,349,931; May 30.
Back, Franz G., assignor to Gastro-Photor Laboratories, New York, N. Y. Apparatus for taking photographs of cavities of the body. 2,349,932; May 30.
Backe, John C., Corunna, Mich. Fishing rod. 2,351,734; June 20.
Backofen, Elmer R. (See Dunham, E. J., and Backofen.)
Backoff, William J., and N. D. Williams, Chicago, J. F. O'Loughlin, Winnetka, H. L. Moir, Niles Center, and J. S. Yule, assignors to The Pure Oil Company, Chicago, Ill. Motor fuel composition. 2,341,892; Feb. 15.
Backoff, William J., and N. D. Williams, assignors to The Pure Oil Company, Chicago, Ill. Solvent compositions. 2,347,983; May 2.
Backoff, William J., and N. D. Williams, Chicago, J. F. O'Loughlin, Winnetka, H. L. Moir, Niles Center, and J. S. Yule, assignors to The Pure Oil Company, Chicago, Ill. Motor fuel composition. 2,350,145; May 30.
Backus, Harry A., Fernbank, Ohio. Upholstery structure. 2,361,167; Oct. 24.
Backus, Thomas, assignor to Fuller Manufacturing Company, Kalamazoo, Mich. Combined transmission and auxiliary. 2,343,733; Mar. 7.
Bacon, Frederick S., Newton, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Uniting fibrous materials. 2,361,527; Oct. 31.
Bacon, Henry M., assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Long draft textile apron. 2,362,340; Nov. 7.
Bacon, Hollis P., assignor to Northern Blower Company, Cleveland, Ohio. Apparatus for cooling gas. 2,349,841; May 30.
Bacon, Jack C. (See McClellan, P. P., and Bacon.)
Bacon, Louis. (See Yarmolowich, William C., assignor.)
Bacon, Thomas P., Oakland, Calif. Tire retreading apparatus. 2,345,172; Mar. 28.
Bacon, Walter M., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph system. 2,340,576; Feb. 1.
Bacon, Walter M., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph recorder control. 2,361,004; Oct. 24.
Bacon, Walter M., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph system. 2,364,417; Dec. 5.
Bacon, Walter M., and F. S. Kinkead, deceased, by R. S. Kinkead, administratrix, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Communication system. 2,358,375; Sept. 19.
Bade, Alfred G., Wauwatosa, assignor to The Falk Corporation, Milwaukee, Wis. Variable speed transmission. 2,342,071; Feb. 15.
Bade, Alfred G., Wauwatosa, assignor to The Falk Corporation, Milwaukee, Wis. Variable speed transmission. 2,343,840; Mar. 7.
Bade, Alfred G., Wauwatosa, assignor to The Falk Corporation, Milwaukee, Wis. Variable speed transmission. 2,353,136; July 11.
Bade, Alfred G., Wauwatosa, assignor to The Falk Corporation, Milwaukee, Wis. Variable speed transmission. 2,359,540; Oct. 3.
Badenhausen, John P., Philadelphia, Pa. Steam generator furnace. 2,364,044; Dec. 5.
Badenhausen, John P., et al. (See Hersch, Lloyd J., assignor.)
Bader, Harry J. (See Rossell, W. T., Shepard, and Bader.)
Badertscher, Darwin E., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Mineral oil composition. 2,355,257; Aug. 8.
Badger Cut Outs, Inc. (See Ostrander, Robert K., assignor.)
Badger, Dale E., deceased, Concord, N. H.; L. M. Badger, administratrix. Pipe joint or coupling. 2,361,811; Oct. 31.
Badger, Lilla M., administratrix. (See Badger, Dale E.)
Badger Meter Mfg. Company. (See Weisse, Frank W. E., assignor.)
Badgley, Robert H., Morris Plains, N. J. Electromagnetic device. 2,338,566; Jan. 4.

Baechle, James E., River Forest, and H. M. Nicholls, Chicago, Ill., assignors to American Can Company, New York, N. Y. Apparatus for packing products. 2,357,902; Sept. 12.

Baehren, Fritz. (See Nelles, J., Bayer, Tischbein, and Baehren.)

Baer, Baird, Whittaker, Mich. Hand planter. 2,361,005; Oct. 24.

Baer, John M., Chicago, Ill., assignor to The Guardite Corporation. Drying normally opaque starchy products by radiant energy. 2,339,757; Jan. 25.

Baer, John M., Chicago, Ill., assignor to The Guardite Corporation. Vacuum drying food products. 2,340,170; Jan. 25.

Baer, Julius, Beverly Hills, Calif. Jointed shoe sole. 2,347,166; Apr. 25.

Baerwald, Emil, Cleveland, Ohio. Device for cutting screw threads. 2,360,387; Oct. 17.

Bagan, John P., Portland, assignor of one-third to A. R. Wanesek, Marshfield, Oreg. Rotary spiral plow. 2,342,030; Feb. 15.

Bagan, John P., Portland, assignor of one-third to A. R. Wanesek, Marshfield, Oreg. Land cultivating apparatus. 2,342,031; Feb. 15.

Bagan, John P., Portland, assignor of one-third to A. R. Wanesek, Marshfield, Oreg. Spiral cutter. 2,342,032; Feb. 15.

Bager, William M., assignor to Bucyrus-Erie Company, South Milwaukee, Wis. Dragline excavator. 2,341,838; Feb. 15.

Baggott, Edmund W., Brooklyn, assignor to Ideal Novelty & Toy Co., Long Island City, N. Y. Toy. 2,345,173; Mar. 28.

Bagley and Sewall Company, The. (See Helin, Francis A., assignor.)

Bagley, Thomas J., Haddonfield, N. J., and D. Levin, Philadelphia, Pa., assignors to R. M. Hollingshead Corporation, Camden, N. J. Composition for producing fire-fighting foam and preparing same. 2,365,619; Dec. 19.

Bagnall, Edwin. (See Lyman, K. E., and Bagnall.)

Bagnall, Edwin, Chicago, Ill. Stabilizer. 2,340,858; Feb. 8.

Bagnall, Edwin, Chicago, Ill. Stabilizer. 2,357,299; Sept. 5.

Bagnall, Edwin, Chicago, Ill. Commercial washer. 2,363,491; Nov. 28.

Bagnall, Edwin, Chicago, and K. E. Lyman, Lake Forest, Ill.; said Lyman assignor to said Bagnall. Stabilizer. 2,340,857; Feb. 8.

Bagpak, Inc. (See Allen, H. G., and Saunders, assignors.)

Bagpak, Inc. (See Allen, H. G., and Sims, assignors.)

Bagsar, Aaron B., Drexel Hill, assignor to Sun Oil Company, Philadelphia, Pa. Apparatus for cracking hydrocarbon oils. 2,339,368; Jan. 18.

Bahlke, Alfred F. (See Grossmann, L., and Bahlke.)

Bahney, Luther W., Elizabeth, N. J., and A. H. Horswell, Jackson Heights, N. Y., assignors to Scovill Manufacturing Company, Waterbury, Conn. Metallurgical apparatus. 2,360,605; Oct. 17.

Bahnson, Agnew H., Jr., Winston-Salem, N. C. Humidifier unit. 2,350,997; June 13.

Bahnson, Agnew H., Jr., Winston-Salem, N. C. Air conditioning method and apparatus. 2,358,847; Sept. 26.

Bähring, Herbert, Klein Machnow near Berlin, Germany; vested in the Alien Property Custodian. Transformer. 2,356,558; Aug. 22.

Baier, Ludwig S., Portland, Oreg. Plywood lifeboat. 2,341,010; Feb. 8.

Baier, Ludwig S., Portland, Oreg. Plywood life boat. 2,352,360; June 27.

Bailey, Burton E., Baton Rouge, La. Backstop nipple. 2,350,863; June 6.

Bailey, David C., Amesbury, Mass. Combined windlace and panel trim retainer. 2,348,319; May 9.

Bailey, Earl L., San Francisco, Calif. Garment tag fixing and marking device. 2,353,636; July 18.

Bailey, Edgar L. (See Gilfillan, H. W., and Bailey.)

Bailey, Edgar L., Birmingham, assignor to Chrysler Corporation, Highland Park, Mich. Fluid coupling. 2,347,071; Apr. 18.

Bailey, Emerson D., Wilmington, Del., M. M. Brubaker, Boothwyn, Pa., and J. H. Teeple, Caldwell, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Optical apparatus. 2,346,247; Apr. 11.

Bailey, Ervin G., Easton, Pa., assignor to The Babcock & Wilcox Company, Newark, N. J. Fuel burning process and apparatus. 2,357,300; Sept. 5.

Bailey, Ervin G., Easton, Pa., H. J. Kerr, Westfield, N. J., J. Fletcher, Akron, G. A. Watts, Barberton, and L. J. Koolstra, Akron, Ohio, assignors to The Babcock & Wilcox Company, Newark, N. J. Fuel burning method and apparatus. 2,357,301; Sept. 5.

Bailey, George S., Hat Company. (See Young, Philip E., assignor.)

Bailey, James, West Hartford, assignor to Plax Corporation, Hartford, Conn. Apparatus for skinning thermoplastic shapes. 2,348,501; May 9.

Bailey, James, West Hartford, assignor to Plax Corporation, Hartford, Conn. Method of and apparatus for producing continuous organic plastic sheets or ribbons by extrusion. 2,365,326; Dec. 19.

Bailey, James, West Hartford, assignor to Plax Corporation, Hartford, Conn. Shaping plastics by extrusion. 2,365,374; Dec. 19.

Bailey, James, West Hartford, and R. S. Jesionowski, assignors to Plax Corporation, Hartford, Conn. Method of and means for controlling the viscosity of extruded plastic ribbons. 2,339,451; Jan. 18.

Bailey, James, West Hartford, and R. S. Jesionowski, assignors to Plax Corporation, Hartford, Conn. Molding plastic slugs. 2,339,452; Jan. 18.

Bailey, James, West Hartford, and R. S. Jesionowski, assignors to Plax Corporation, Hartford, Conn. Shaping plastics by extrusion. 2,365,375; Dec. 19.

Bailey, Kenneth. (See Chibnall, A. C., and Bailey.)

Bailey, L. Horace, New Orleans, and W. L. Owen, Jr., and W. L. Owen, Baton Rouge, La. Production of mud-laden drilling fluids. 2,360,327; Oct. 17.

Bailey Meter Company. (See Gorrie, Harvard H., assignor.)

Bailey Meter Company. (See Hines, Robert B., assignor.)

Bailey Meter Company. (See Hornfeck, Anthony J., assignor.)

Bailey Meter Company. (See Johnson, Clarence, assignor.)

Bailey Meter Company. (See Luhrs, John F., assignor.)

Bailey Meter Company. (See Ryder, John D., assignor.)

Bailey Meter Company. (See Ryder, J. D., and Hornfeck, assignors.)

Bailey Meter Company. (See Spreakle, Raymond E., assignor.)

Bailey, Otis M., Bristol, R. I. Shoulderless gown. 2,343,631; Mar. 7.

Bailey, Otterbein A., Chicago, Ill., assignor to Chicago Bridge & Iron Company. Lifter roof. 2,344,499; Mar. 21.

Bailey, Otterbein A., Chicago, Ill., assignor to Chicago Bridge & Iron Company. Lifter roof. 2,345,174; Mar. 28.

Bailey, Rand S., Glen Ridge, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Through and inward telegraph exchange system. 2,345,316; Mar. 28.

Bailey, Rand S., Glen Ridge, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Satellite telegraph switching system. 2,345,317; Mar. 28.

Bailey, Richard S., Baltimore, Md., assignor to Bendix Aviation Corporation, South Bend, Ind. Piezoelectric apparatus and method. 2,340,643; Feb. 1.

Bailey, Richard S., Baltimore, Md., assignor to Bendix Aviation Corporation, South Bend, Ind. Piezoelectric crystal holder. 2,341,683; Feb. 15.

Bailey, Richard S., Baltimore, Md., assignor to Bendix Aviation Corporation, South Bend, Ind. Etched crystalline bone. 2,356,910; Aug. 29.

Bailey, Robert A., Burbank, Calif., assignor, by mesne assignments, to Lockheed Aircraft Corporation. Lateral control system for aircraft. 2,352,308; June 27.

Bailey, Roy W., assignor to Detroit Power Screwdriver Company, Detroit, Mich. Feeding device. 2,350,486; June 6.

Bailey, Russell L., Washington, D. C., and L. J. Hennessy, Baltimore, Md. Airplane seaffold. 2,354,905; Aug. 1.

Bailey, Russell L., Washington, D. C., and L. J. Hennessy, Baltimore, Md. Airplane seaffold. 2,354,906; Aug. 1.

Bailey, Stanley J., Snyder, assignor to Spencer Lens Company, Buffalo, N. Y. Adjusting and securing prisms. 2,351,471; June 13.

Bailey, Theodore, Habana, Cuba. Dry shaver. 2,363,849; Nov. 28.

Bailey, Thomas S., Jr., A. C. Daman, and L. H. Logue, assignors to Mining Process and Patent Company, Denver, Colo. Flotation machine. 2,343,274; Mar. 7.

Bailey, William A., Jr. (See McAllister, S. H., and Bailey.)

Bailey, William A., Jr., Berkeley, and S. H. McAllister, Lafayette, assignors to Shell Development Company, San Francisco, Calif. Halogenation of cyclopentane hydrocarbons. 2,342,072; Feb. 15.

Bailey, William C., assignor to United States Plywood Corporation, Seattle, Wash. Making balanced laminated panels. 2,363,492; Nov. 28.

Bailey, William C., assignor to United States Plywood Corporation, Seattle, Wash. Balanced striated plywood panel. 2,363,927; Nov. 28.

Bailey, William C., and C. M. Adams, assignors to United States Plywood Corporation, Seattle, Wash. Veneer edge preparing apparatus. 2,362,527; Nov. 14.

Bailey, William J. A. (See Leathers, W., and Bailey.)

Bailey, William J. A., Packanack Lake, N. J., assignor to International Business Machines Corporation, New York, N. Y. Device for analysing perforated data appearing in adjacent fields of record media. 2,344,585; Mar. 21.

Bailey, Vivian P., Philadelphia, Pa. Fire rescue device. 2,338,833; Jan. 11.

Bailhe, George, Brooklyn, assignor to Fredcraft Corporation, New York, N. Y. Flashlight structure. 2,340,101; Jan. 25.

Bailie, James C. (See Heard, L., Shankland, and Bailie.)

Bailie, James C., and M. J. See, assignors to Standard Oil Company, Chicago, Ill. Petroleum oil conversion with catalysts. 2,343,295; Mar. 7.

Bailie, James C., and M. J. See, assignors to Standard Oil Company, Chicago, Ill. Petroleum oil conversion with catalysts. 2,343,731; Mar. 7.

Baily, Erlan C., Oklahoma City, Okla. Apparatus for flowing oil or gas wells. 2,362,442; Nov. 14.

Bain, Joseph P., Jacksonville, Fla., assignor to Nello Resin Processing Corporation, Cleveland, Ohio. Cyclic alcohol and preparing. 2,340,294; Feb. 1.

Bain, Walter M., and A. W. Neubauer, Oak Park, Ill., assignors to The Glidden Company, Cleveland, Ohio. Preparing protein composition. 2,350,953; June 6.

Bainbridge, William C., Brooklyn, N. Y., and F. J. Hope, Teaneck, N. J., assignors to H. Kohnstamm & Co. Inc., New York, N. Y. Fluorescein and halogenated fluoresceins dye acids. 2,355,359; Aug. 8.

Bair, George J., Pittsburgh, Pa., assignor to N. S. Garbisch. Manufacture of glazed ceramic bodies. 2,347,535; Apr. 25.

Baird, Albert W., Cranford, N. J., assignor to The Linde Air Products Company. Electric fillet welding apparatus. 2,357,376; Sept. 5.

Baird, Albert W., Cranford, N. J., assignor to The Linde Air Products Company. Electric welding apparatus. 2,361,918; Nov. 7.

Baird, Clyde W., Columbus, Ohio, assignor to The Traylor Vibrator Company. Electrical protecting system. 2,341,135; Feb. 8.

Baird, Donald A., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Clutch. 2,340,132; May 16.

Baird, Douglas O., Evanston, assignor to R. D. Mason, Wilmette, Ill. Vacuum cleaning apparatus. 2,343,732; Mar. 7.

Baird, Elinor, Los Angeles, Calif. Controlling the percentage of water in liquid and solid carbon dioxide. 2,354,732; Aug. 1.

Baird, John L., London, England. Method of and apparatus for producing images by television in stereoscopic relief. 2,349,071; May 16.

Baird Machine Company, The. (See Barnes, Leslie W., assignor.)

Bake, Louis S., Penns Grove, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Quick curing neoprene cement. 2,351,735; June 20.

Bakelite Corporation. (See Ducca, Frederick W., assignors.)

Bakelite Corporation. (See Ellingwood, Finley F., assignor.)

Bakelite Corporation. (See Massucchelli, Arthur P., assignor.)

Bakelite Corporation. (See Meharg, Virgil E., assignor.)

Bakelite Corporation. (See Shannon, Harvey D., assignor.)

Bakelite Corporation. (See Turkington, V. H., Whiting, and Rankin, assignors.)

Baker, Albert D., Lansing, assignor to General Motors Corporation, Detroit, Mich. Horn control system. 2,340,502; Feb. 1.

Baker, Albert F., assignor to Hancock Manufacturing Company, Jackson, Mich. Latch mechanism. 2,347,146; Apr. 18.

Baker, Albert L., Summit, N. J., assignor, by mesne assignments, to Fuller Company, Catasauqua, Pa. Apparatus for conveying pulverized material. 2,355,774; Aug. 15.

Baker, Albert V., Falmouth, England. Stretcher. 2,366,082; Dec. 26.

Baker, Benjamin P. (See Ludwig, L. R., Baker, and Cumming.)

Baker, Benjamin P. (See Marbury, R. E., Ludwig, and Baker.)

Baker, Benjamin P., Turtle Creek, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupting device. 2,365,509; Dec. 19.

Baker, Benjamin P., Turtle Creek, and H. L. Rawlins, Pittsburgh, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,345,724; Apr. 4.

Baker, Benjamin P., Turtle Creek, and H. J. Webb, Forest Hills, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,351,903; June 20.

Baker, Benjamin P., Turtle Creek, and A. H. Bakken, Edgewood, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,363,283; Nov. 21.

Baker, Bernard R. (See Carlson, G. H., and Baker.)

Baker, Bernard R., Nanuet, assignor to Lederle Laboratories, Inc., New York, N. Y. Water soinble compounds having vitamin K activity. 2,359,282; Oct. 3.

Baker, Charles L., West Hickory, Pa. Deaerating apparatus. 2,339,369; Jan. 18.

Baker, Charles L., West Hickory, Pa. Vacuum deaerating receiver. 2,357,445; Sept. 5.

Baker, Chester L., Penn Wynne, and C. H. Dedrick, Drexel Hill, Pa., assignors to Philadelphia Quartz Company, Philadelphia, Pa. Sising paper. 2,340,728; Feb. 1.

Baker & Company et al. (See Comstock, Gregory J., assignor.)

Baker & Co. Inc. (See Jones, Harry J., assignor.)

Baker & Co. Inc. (See Wade, Kenneth L., assignor.)

Baker, Corwin W., Stoneham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Apparatus for lacing moccasin collars. 2,341,684; Feb. 15.

Baker, Corwin W., Stoneham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Manufacture of reinforced insoles. 2,342,719; Feb. 29.

Baker, Corwin W., Stoneham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Presser foot lock for shoe sewing machines. 2,348,775; May 16.

Baker, David B. (See Scarratt, A. W., Baker, and Hagen.)

Baker, Edward G., assignor to Guardian Electric Manufacturing Co., Chicago, Ill. Relay construction. 2,339,610; Jan. 18.

Baker, Eugene L., Taunton, Mass. Cooking stove. 2,364,336; Dec. 5.

Baker, George L. (See Williaman, J. J., Mottern, Hills, and Baker.)

Baker, George T. (See Taylor, R., and Baker.)

Baker, George T., Liverpool, England, assignor, by mesne assignments, to Automatic Electric Laboratories, Inc. Telephone system. 2,364,685; Dec. 12.

Baker, George W., New York, N. Y., assignor to Tung-Sol Lamp Works, Inc., Newark, N. J. Thermionic device and circuit including the same. 2,346,653; Apr. 18.

Baker, Gerald S. (See Sullivan, E., and Baker.)

Baker, Gerald S., and E. Sullivan, Fostoria, Ohio. Surgery cot. 2,347,389; Apr. 25.

Baker, Herbert N., Syracuse, assignor to Syracuse Chilled Plow Company, Inc., New York, N. Y. Plow bottom. 2,347,167; Apr. 25.

Baker, Hughey, et al. (See Crowe, M. B., and Hatter, assignors.)

Baker, Irving C., and R. A. Gonzales, Dayton, Ohio, assignors to Chrysler Corporation, Detroit, Mich. Air-conditioning system. 2,353,804; July 18.

Baker, James B., Warren, Ohio. Charging bucket. 2,338,617; Jan. 4.

Baker, J. W. (See Harless, Roy G., assignor.)

Baker, John A., Miami, Fla. Air drying device. 2,341,893; Feb. 15.

Baker, John G., assignor to Baker Manufacturing Company, Evansville, Wis. Mechanical movement. 2,350,334; June 6.

Baker, John S., assignor to Cook Electric Company, Chicago, Ill. Substation protector. 2,350,442; June 6.

Baker, John S., Los Angeles, Calif. Cooker. 2,353,805; July 18.

Baker, Judd O., Medford Lakes, N. J., assignor to Radio Corporation of America. Sensitometry. 2,361,447; Oct. 31.

Baker, Leonard, Hillsdale, N. J., and L. C. Williams, assignors to Dexter Folder Company, Pearl River, N. Y. Sheet feeding apparatus. 2,341,521; Feb. 16.

Baker, Leonard, Hillsdale, N. J., and G. A. Martin, assignors to Dexter Folder Company, Pearl River, N. Y. Sheet feeding. 2,361,907; Nov. 7.

Baker, Lin E., San Francisco, Calif. Device for impelling and propelling fluid or gas or the like. 2,361,676; Oct. 31.

Baker, Lucille L., Homer, Mich. Diaper prewasher. 2,348,102; May 2.

Baker, Malvern S., Pontiac, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Seal. 2,362,341; Nov. 7.

Baker Manufacturing Company. (See Baker, John G., assignor.)

Baker-McMillen Company, The. (See Sperry, John A., assignor.)

Baker, Norman G., Laredo, Tex. Brewer or cooker. 2,350,335; June 6.

Baker Oil Tools, Inc. (See Baker, Reuben C., assignor.)

Baker Oil Tools, Inc. (See Burt, Clarence E., assignor.)

Baker, Paul, Redondo Beach, Calif., assignor of one-fifth to J. D. Rippey, St. Louis, Mo. Electric lighting device. 2,343,518; Mar. 7.

Baker Perkins, Inc. (See Feige, Harry, assignor.)

Baker Perkins, Inc. (See Lubahn, William C., assignor.)

Baker Perkins Limited, et al. (See Craig, R., and (Harber, assignor).)

Baker Perkins Limited. (See Harber, Laurence S., assignor.

Baker Perkins Limited. (See Harber, Laurence S., assignor.)

Baker Perkins Limited. (See Macfarlane, R. F., and Dumbleton, assignors.)

Baker Perkins Limited. (See Tunley, Allan A., assignor.)

Baker, Raymond, Sr., Upper Darby, assignor to Horn & Hardart Baking Co., Philadelphia, Pa. Vending machine. 2,365,905; Dec. 26.

Baker, Rest R., Swissvale, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control system for paper making apparatus. 2,351,902; June 20.

Baker, Reuben C., Coalinga, assignor to Baker Oil Tools, Inc., Vernon, Calif. Method and apparatus for cementing wells. 2,344,120; Mar. 14.

Baker, Robert, Alexandria, and C. W. Davis, Summitville, Ind., assignors to The Mantle Lamp Company of America, Chicago, Ill. Liquid fuel burning device of pressure. 2,362,342; Nov. 7.

Baker, Robin, and J. C. Fleming, Lockney, Tex. Butane gas tank feed device. 2,339,134; Jan. 11.

Baker, Thomas A., Logansport, Ind. Fluid regulating device. 2,356,143; Aug. 22.

Baker, Walter L., Covington, Va., assignor to West Virginia Pulp and Paper Company, New York, N. Y. Coated welding rod. 2,357,250; Aug. 29.

Baker, William E., Swanton, Ohio. Apparatus for handling liquids. 2,345,446; Mar. 28.

Baker, William J., Southgate, Ky. Weeding implement. 2,339,926; Jan. 25.

Baker, William O., Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Manufacture of cellulose acetate solutions. 2,362,182; Nov. 7.

Baker, William V. (See Dodge, M. L., and Baker.)

Bakewell, Harding F., San Marino, Calif. Tap construction. 2,343,632; Mar. 7.

Bakewell, Harding F., San Marino, Calif. Radial precision tapping machine. 2,345,318; Mar. 28.

Bakken, Andrew H. (See Baker, B. P., and Bakken.)

Bakken, Hans H., Pueblo, Colo. Hot pan and plate lifter. 2,360,538; Oct. 17.

Bakker, Cornelis J. (See Strutt, M. J. O., van der Ziel and Bakker.)

Bakker, Pier, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Private branch exchange automatic telephone system. 2,365,996; Dec. 26.

Balanon, Agaton A., Kalaheo Kauai, Hawaii. Goggle. 2,356,731; Aug. 29.

Balassa, Ladislaus, Flint, Mich., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Aluminum silicate pigments and preparing them. 2,356,297; Aug. 22.

Balassa, Ladislaus, Flint, Mich., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coating composition and preparing the same. 2,362,876; Nov. 14.

Balázs, Ernest. (See Perlusz, D., and Balázs.)

Baleerzak, Edward C., assignor to A. J. Lindemann & Hoverson Company, Milwaukee, Wis. Making gas stove burners and core for same. 2,346,720; Apr. 18.

Balch, Clifford A., Los Angeles, Calif. Emergency exit door lock. 2,343,519; Mar. 7.

Balcomb, Carl B., Dayton, Ohio, assignor of one-half to W. P. York, Aurora, Ill. Producing color separations in art work. 2,353,867; July 18.

Balcomb, Edward J., Stambaugh, Mich. Snowshoe harness. 2,365,041; Dec. 12.

Baldenhofer, William G., assignor to The Thompson Grinder Company, Springfield, Ohio. Hydraulic system for machine tools. 2,349,602; May 23.

Baldenhofer, William G., assignor to The Thompson Grinder Co., Springfield, Ohio. Surface grinder with auxiliary spindle. 2,363,039; Nov. 21.

Baldeschwieler, Agnes R., Asbury Park, N. J. Sling. 2,344,844; Mar. 21.

Baldeschwieler, Agnes R., Asbury Park, N. J. Apron. 2,344,845; Mar. 21.

Baldeschwieler, Emile L. (See Sparks, W. J., Baldeschwieler, and Sommer.)

Baldine, Joseph J., Hubbard, Ohio. One-man armored tank. 2,349,535; May 23.

Baldocchi, Archie A. (See Cooley, William L., assignor.)

Baldridge, Ernest B. (See Fischer, R. F., and Baldridge.)

Baldsiefen, Walter D., Metuchen, N. J., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Photographic processes and compositions. 2,363,493; Nov. 28.

Baldsiefen, Walter D., Metuchen, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of blue-black toned silver images. 2,364,017; Nov. 28.

Balduf, Bruno E., assignor to United States Gypsum Company, Chicago, Ill. Wall construction. 2,357,722; Sept. 5.

Baldwin, Charles F., Schenectady, N. Y., assignor to General Electric Company. Frequency measuring device. 2,343,633; Mar. 7.

Baldwin, Clyde P., Claremont, N. H., and H. H. Vanderzee, Michigan City, Ind., assignors to Sullivan Machinery Company. Kerf cutting apparatus. 2,364,045; Dec. 5.

Baldwin Company, The. (See Kock, Winston E., assignor.)

Baldwin, Curtis C., Ottawa, Kans., assignor to C. E. Hovey, trustee, Kansas City, Mo. Tractor-carried loading apparatus. 2,349,335; May 23.

Baldwin, Edward T., River Forest, assignor to Teletype Corporation, Chicago, Ill. Transmitter. 2,354,733; Aug. 1.

Baldwin, Fred T., Lakeland, Fla. Dental flask. 2,350,864; June 6.

Baldwin, Harold S., Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. Transparency mount. 2,352,243; June 27.

Baldwin, Harry W. (See Rnau, F. F., and Baldwin.)

Baldwin, Hollie D., Meggett, S. C. Cultivator attachment. 2,338,374; Jan. 4.

Baldwin, Irving W., and H. E. Marvel, assignors to S. F. Bowser & Company, Incorporated, Fort Wayne, Ind. Fuel dispensing apparatus. 2,339,668; Jan. 18.

Baldwin, Ira L., Madison, Wis., assignor to The Lummus Company, New York, N. Y. Inoculating method and apparatus. 2,341,259; Feb. 8.

Baldwin, Jesse A., Spooner, Wis. Filter. 2,357,572; Sept. 5.

Baldwin, Johnnie W., Navy Yard, S. C. Hand beading tool. 2,347,390; Apr. 25.

Baldwin Locomotive Works, The. (See Buckingham, Francis, assignor.)

Baldwin Locomotive Works, The. (See Collins, Paul C., assignor.)

Baldwin Locomotive Works, The. (See Cutler, John B., assignor.)

Baldwin Locomotive Works, The. (See Essl, Max, assignor.)

Baldwin Locomotive Works, The. (See Fawcett, Thomas H., assignor.)

Baldwin Locomotive Works, The. (See Fullerton, Herbert S., assignor.)

Baldwin Locomotive Works, The. (See Gibbons, Chester H., assignor.)

Baldwin Locomotive Works, The. (See Harman, William H., Jr., assignor.)

Baldwin Locomotive Works, The. (See Link, Harry W., assignor.)

Baldwin Locomotive Works, The. (See Sims, John C., Jr., assignor.)

Baldwin Locomotive Works, The. (See Sorensen, Kresten T., assignor.)

Baldwin Locomotive Works, The. (See Stadlin, Myer N., assignor.)

Baldwin Locomotive Works, The. (See Staples, Dana R., assignor.)

Baldwin Locomotive Works, The. (See Staples, D. R., and Ruckert, assignors.)

Baldwin Locomotive Works, The. (See Tapper, Thomas P., assignor.)

Baldwin Locomotive Works, The. (See Tate, Malcolm C., assignor.)

Baldwin, Millard W., Jr., Glen Ridge, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Noise reduction signaling system. 2,343,634; Mar. 7.

Baldwin, Nathaniel, East Mill Creek, Utah. Telephone receiver. 2,343,859; Mar. 14.

Baldwin, Richard E., Thornton Heath, assignor to Powers Accounting Machines Limited, London, England. Calculating machine. 2,364,934; Dec. 12.

Baldwin, Robert S., Burlingame, Calif. High frequency selective system and method. 2,359,504; Oct. 3.

Baldwin Rubber Company. (See Fiekers, Edmund J., assignor.)

Baldwin, Wayne A., Watertown, N. Y., assignor to The New York Air Brake Company. Air brake. 2,347,536; Apr. 25.

Baldwin, William J., Ingram, assignor to Homelaya, Incorporated, Pittsburgh, Pa. Making enamelware. 2,359,283; Oct. 3.

Bales, James E. (See O'Connor, J. B., and Bales.)

Bales, James E., assignor to Metal Products, Incorporated, Aurora, Ill. Hopper-type bin. 2,350,487; June 6.

Bales, James E., assignor to Lyon Metal Products, Incorporated, Aurora, Ill. Hinge structure. 2,364,612; Dec. 12.

Balfe, George T., assignor to Detroit Gasket & Manufacturing Company, Detroit, Mich. Applying beads to the margins of strips. 2,346,347; Apr. 11.

Balisteri, Joseph F., and K. H. O'Rear, Dallas, Tex. Aerating device for fish containers. 2,364,686; Dec. 12.

Balk, Albert A., Garfield Heights, Ohio. Sine bar fixture. 2,359,018; Sept. 26.

Balk, David, assignor to Superba Manufacturing Co., Inc., New York, N. Y. Transmitting mechanism. 2,351,591; June 20.

Balkin, Mark. (See Canney, Duncan E. F.)

Balkins, Almond. (See Wahl, Albert G., assignor.)

Ball, Albert L. (See Melton, R. L., and Ball.)

Ball, Albert P., assignor to Briggs Manufacturing Company, Detroit, Mich. Vehicle body. 2,338,225; Jan. 4.

Ball, Alfred G., Sr. (See Dorsey, Peter J., assignor.)

Ball, Alfred J., W. Hoge, and B. Rudolph, assignors to The General Fireproofing Company, Youngstown, Ohio. Combination drop door and sliding shelf. 2,361,525; Oct. 31.

Ball, Charles P., Jr., assignor to The Torrington Company, Torrington, Conn. Forming seat mast clusters and like structures, and products thereof. 2,356,732; Aug. 29.

Ball, Clayton P. (See Henchert, J., and Ball.)

Ball, Joseph A., assignor to Walt Disney Productions, Burbank, Calif. Cartoon cell and making same. 2,362,980; Nov. 21.

Ball, Ralph H. (See Andersen, B., Grenquist, and Ball.)

Ball, Richard N. (See Van Delien, E., and Ball.)

Ball, Thomas J. (See Smith, C. I., and Ball.)

Ball, Thomas M., Detroit, assignor, by mesne assignments, to Chrysler Corporation, Highland Park, Mich. Carburetor. 2,358,435; Sept. 19.

Ballamy, Leslie M., Caterham-on-Hill, and R. H. Sheepshanks, Woodbridge, England. Guiding threads from cops, spools, or the like. 2,357,716; Sept. 5.

Ballamy, Leslie M., Caterham-on-Hill, and R. H. Sheepshanks, Eyke, Woodbridge, England. Feeding device for sewing machines and the like. 2,364,046; Dec. 5.

Ballard, Albert E., and L. E. Martinson, assignors to Eastman Kodak Company, Rochester, N. Y. Purification of lanthanum salts. 2,364,613; Dec. 12.

Ballard & Ballard Company. (See Willoughby, Lively B., assignor.)

Ballard, Charles U., Inglewood, Calif. Compressor for pulsator systems. 2,360,539; Oct. 17.

Ballard, Norman S., Sr., Los Angeles, Calif. Contour cutting machine. 2,341,201; Feb. 8.

Ballard, Seaver A., Oakland, and V. E. Haury, El Cerrito, assignors to Shell Development Company, San Francisco, Calif. Insecticide. Re. 22,524; Aug. 1.

Ballard, Seaver A., Berkeley, and V. E. Haury, El Cerrito, assignors to Shell Development Company, San Francisco, Calif. Production of isophorone. 2,344,226; Mar. 14.

Ballard, Seaver A., Oakland, and V. E. Haury, El Cerrito, assignors to Shell Development Company, San Francisco, Calif. Insecticide. 2,363,928; Nov. 28.

Balle, Gerhard. (See Orthner, L., Halle, and Schild.)

Ballelsen, Charles E., Philadelphia, Pa. Gas cylinder unit for guns. 2,340,293; Feb. 1.

Ballentine, George K., Ridgewood, N. J. Dishwashing machine. 2,342,995; Feb. 29.

Ballestero, Manuel R., Baltimore, Md. Educational article. 2,352,361; June 27.

Ballinger, Jesse O., Batavia, and E. B. Worthington, Maywood, Ill.; said Worthington assignor to said Ballinger. Translator. 2,351,904; June 20.

Ballou, B. A., & Co. (See Morehouse, Eugene, assignor.)

Ballou, Charles O., Denver, Colo., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Cushioning means. 2,345,552; Apr. 4.

Ballou, John M., Los Angeles, Calif., assignor to The A. S. Boyle Company, Jersey City, N. J. Vermin poison dispenser. 2,339,745; Jan. 18.

Ballou, Leon H. (See Guenther, George A., assignor.)

Ballou, Richard P. (See Christensen, F. M., and Ballou.)

Ballou, Richard P., West Hartford, Conn., assignor, by mesne assignments, to Federal Electric Products Company, Inc., Newark, N. J. Electric switch with mechanical interlock. 2,359,606; Oct. 3.

Bally Ribbon Mills, Inc. (See Harries, George H., assignor.)

Balmes Solanas, Ramón, Santa Coloma de Cervello, assignor to Colonia Güell, S. A., Barcelona, Spain. Pressure apparatus for spinning machines. 2,359,820; Oct. 10.

Balousek, William E., assignor to W. J. Dennis & Company, Chicago, Ill. Automatic door bottom. 2,344,278; Mar. 14.

Barlow & Seelig Manufacturing Company. (See Schroeder, Simon E., assignor.)

Balsamo, Michael C., Dayton, Ohio. Antispin attachment for link trainers. 2,357,304; Sept. 5.

Balsiger, Harold E. (See Price, D. F., Balsiger, and Hollengreen.)

Balsiger, Harold E., assignor to Landis Tool Company, Waynesboro, Pa. Relief valve. 2,359,017; Sept. 26.

Balsley, James R., Incorporated. (See Balsley, James R., assignor.)

Balsley, James R., Incorporated. (See Balsley, J. R., and Colomy, assignors.)

Balsley, James R., Stamford, and R. H. Colomy, Springdale, assignors to James R. Balsley, Incorporated, Stamford, Conn. Machine for applying plastic bands. 2,340,211; Jan. 25.

Balsley, James R., assignor to James R. Balsley, Incorporated, Stamford, Conn. Light control means. 2,358,195; Aug. 22.

Balstad, Edward, Philadelphia, Pa. Revolving turret assembly and anchorage. 2,354,644; Aug. 1.

Balthis, Joseph H., Wilmington, Del., and A. W. Larchar, Mendenhall, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Apparatus for manufacture of coated products. 2,360,097; Oct. 10.

Baltimore Paper Box Company, The. (See Ferguson, George K., S., assignor.)

Baltimore Type and Composition Corporation. (See Chamberlain, Joseph B., assignor.)

Baluss, Harry D. (See Bratz, O. J., and Baluss.)

Balz, Emil H. (See Kassay, A. W., Balz, and Williams.)

Balz, Emil H., A. W. Kassay, and W. D. Williams, Toledo, Ohio, assignors, by mesne assignments, to Libbey-Owens-Ford Glass Company. Preparation of fine cellulose flour. 2,362,528; Nov. 14.

Balzer, Harvey W., Downers Grove, Ill., assignor to Automatic Electric Laboratories, Inc. Telephone system. 2,353,212; July 11.

Baltzly, Richard, New York, E. J. de Beer, Yonkers, and J. S. Buck, Albany, assignors to Burroughs Wellcome & Co. (U. S. A.) Inc., New York, N. Y. 5-(2,5-dimethoxyphenyl)-5-hydroxylsopropylamine. 2,359,707; Oct. 3.

Bamber, William, Banstead, England. Cardboard box. 2,354,098; July 18.

Bamford, Alfred C. (See Eves, F. S., and Bamford.)

Bamford, Arthur P. (See Wickwire, A. M., Jr., and Bamford.)

Bamford, Denby C., et al., administrators. (See Eves, F. S., and Bamford.)

Bamford, Gertrude M. D., et al., administrators. (See Eves, F. S., and Bamford.)

Bamford, William P. (See Orser, H. G., and Bamford.)

Banck, William H., Washington, D. C. Cigarette and match dispenser. 2,348,442; May 9.

Bancker, Elbert H. (See Traver, O. C., and Bancker.)

Bancroft, Alfred G., assignor to Standard Railway Equipment Manufacturing Company, Chicago, Ill. Railway car construction. 2,359,077; Sept. 26.

Bancroft, Charles C., Reno, Nev. Apparatus for preventing clogging of oil wells. 2,349,536; May 23.

Bancroft, Charles C., Reno, Nev., and J. W. Frain, New Orleans, La.; said Frain assignor to said Bancroft. Method of and apparatus for cleaning subterranean wells. 2,355,259; Aug. 8.

Bancroft, Erwin P., Brooklyn, assignor to International Standard Electric Corporation, New York, N. Y. Insulated wire connector. 2,359,541; Oct. 3.

Bandranas, Antonio C., Barcelona, Spain. Treating photographic document. 2,364,337; Dec. 5.

Bandurski, Walter, Chicago, Ill. Air circulator. 2,364,935; Dec. 12.

Bandy, B. J. (See Windham, R. H., and Phillips, assignors.)

Bangasser, Louis W., assignor to Micro Switch Corporation, Freeport, Ill. Electric switch construction. 2,351,181; June 13.

Banghart, Charles M., South Bend, Ind. Portable wallpaper paste applicator. 2,357,992; Sept. 12.

Banigan, Thomas F., Kenmore, and R. E. Hartman, Buffalo, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of regenerated cellulose ribbons. 2,358,376; Sept. 19.

Bank, Albert M., assignor to S. Bank, Jersey City, N. J. Furniture. 2,341,419; Feb. 8.

Bank of America National Trust & Savings Association et al., executors. (See Replogle, Daniel H.)

Bank of America National Trust and Savings Association. (See Tarwater, L., and McKenzie, assignor.)

Bank of the Manhattan Company. (See Brogden, Ernest M., assignor.)

Bank, Sylvia. (See Bank, Albert M., assignor.)

Banker, John R., assignor to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Electronic voltmeter and ohmmeter. 2,356,733; Aug. 29.

Banker, John R., assignor to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Vacuum tube voltmeter circuit. 2,364,687; Dec. 12.

Banker, Oscar H., assignor to New Products Corporation, Chicago, Ill. Transmission. 2,347,654; May 2.

Banker, Oscar H., Evanston, assignor to New Products Corporation, Chicago, Ill. Change-speed gearing for aircraft propellers. 2,348,716; May 16.

Banker, Oscar H., Evanston, assignor to New Products Corporation, Chicago, Ill. Quiet-ratcheting jaw clutch. 2,348,717; May 16.

Banker, Oscar H., Evanston, assignor to New Products Corporation, Chicago, Ill. Change-speed transmission. 2,353,137; July 11.

Banker, Oscar H., Evanston, assignor to New Products Corporation, Chicago, Ill. Roller cage. 2,356,298; Aug. 22.

Bankers Box Company. (See Fellowes, Harry L., assignor.)

Banks, James H., Rahway, and H. R. Jurgens, Scotch Plains, assignors to Elevator Supplies Company, Incorporated, Rahway, N. J. Electric operator for opening and closing doors. 2,363,929; Nov. 28.

Bankson, Severin B., San Francisco, Calif. Tie knot holder. 2,348,049; May 2.

Banner, Otto A., Highland Park, N. J. Hydraulic transmission. 2,350,865; June 6.

Banneyer, Joseph, Chicago, Ill. Conduit supporting device. 2,361,732; Oct. 31.

Banneyer, Joseph, Chicago, Ill. Conduit supporting device. 2,365,620; Dec. 19.

Banning, Hellmuth, Duren, Rhineland, Germany; vested in the Alien Property Custodian. Purification of pulp. 2,353,983; July 18.

Banning, Helmuth, Duren, Germany; vested in the Alien Property Custodian. Apparatus for the continuous purification of suspensions or sludges, especially of fibrous pulps of the paper industry. 2,356,497; Aug. 22.

Bannister, Bryant, Mount Lebanon, Pa., assignor to National Tube Company. Tube mill. 2,356,734; Aug. 29.

Bannister, Bryant, Mount Lebanon, Pa., assignor to National Tube Company. Method and apparatus for manufacturing seamless pipes and tubes. 2,363,476; Nov. 28.

Bannister, Clyde E., Tulsa, Okla. Percussion type motor assembly. 2,345,024; Mar. 28.

Bannon, John H. (See Gerlicher, R. A., and Bannon.)

Bannon, John H., Union, N. J., assignor to Standard Oil Development Company. Lubricants. 2,362,233; Nov. 7.

Bannon, Lewis A., Cranford, N. J., assignor to Standard Oil Development Company. Polymerization. 2,357,926; Sept. 12.

Bannon, Lewis A., assignor to Standard Oil Development Company, Baton Rouge, La. Polymerization of hydrocarbons. 2,363,221; Nov. 21.

Bannon, Thomas W. (See Nowak, A. K., and Bannon.)

Banschbach, Edward A., Madison, Wis. Vehicle arrestor. 2,356,559; Aug. 22.

Banton, Theodore H. (See Champlin, J. B. F., and Banton.)

Bany, Herman, Lansdowne, Pa., assignor to General Electric Company. Automatic switching equipment. 2,360,098; Oct. 10.

Bany, Herman, Lansdowne, Pa., assignor to General Electric Company. Control equipment for prime mover electric generating plants. 2,363,850; Nov. 28.

Bany, Herman, Lansdowne, Pa., assignor to General Electric Company. Regulating system. 2,364,936; Dec. 12.

Barab, Jacob, assignor to Hercules Powder Company, Wilmington, Del. Blasting cartridge. 2,357,068; Aug. 29.

Barabas, Alex, Philadelphia, Pa. Indexing and layout jig. 2,342,033; Feb. 15.

Barackman, Rufus A., Chicago Heights, Ill., assignor to Victor Chemical Works. Iron fortification of flour. 2,357,069; Aug. 29.

Barber, Almon C., Detroit, Mich. Bogie suspension. 2,342,110; Feb. 22.

Barber Asphalt Corporation. (See Weimann, Alfred F., assignor.)

Barber, Charles C., Rockville Centre, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Panel selector contact shoe. 2,347,727; May 2.

Barber, Charles D. and P. R., Green Bay, Wis. Sugar refining process. 2,350,143; May 30.

Barber-Colman Company. (See Edgar, John, assignor.)

Barber-Colman Company. (See (Lilja, E. D., assignor), Barber-Colman Company. (See Lilja, Edgar D., assignor.)

Barber-Colman Company. (See Peterson, Burt A., assignor.)

Barber-Colman Company. (See Purvin, Benjamin R., assignor.)

Barber-Colman Company. (See Purvin, Benjamin R., assignor.)

Barber-Coleman Company. (See Ransome, Stafford M., assignor.)

Barber, Frank G., Luzerne, Pa. Condiment holder. 2,343,734; Mar. 7.

Barber, Frederick, Chalfont, St. Giles, and A. R. Spidy, Heston, England, assignors to Specialties Development Corporation, Bloomfield, N. J. Locking valves and the like. 2,342,635; Feb. 29.

Barber-Greene Company. (See Barber, Harry H., assignor.)

Barber, Harry H., assignor to Barber-Greene Company, Aurora, Ill. Mixing plant. 2,344,228; Mar. 14.

Barber, Harry H., assignor to Barber-Greene Company, Aurora, Ill. Tamper, screed, and deflector construction for road finishing machines. 2,351,592; June 20.

Barber, Harry H., assignor to Barber-Greene Company, Aurora, Ill. Screed construction for road finishing machines. 2,351,593; June 20.

Barber, Harry J., Gidea Park, Romford, assignor to May & Baker Limited, Dagenham, Essex, England. Stilbene derivatives. 2,346,000; Apr. 4.

Barber, Harry J., Gidea Park, Romford, assignor to May & Baker Limited, Dagenham, Essex, England. Preparation of dicyanostilbenes. 2,353,434; July 11.

Barber, Hervey H., St. Paul, Minn. Apparatus for controlling gaseous atmosphere. 2,353,538; July 11.

Barber, Howard M., Pawcatuck, Conn., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Rotary printing press. 2,341,202; Feb. 8.

Barber, Howard M., Pawcatuck, Conn., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Ink fountain. 2,351,315; June 13.

Barber, Howard M., Pawcatuck, Conn., assignor to C. B. Cottrell & Sons Company, Westerley, R. I. Ink distribution for rotary printing presses. 2,354,981; Aug. 1.

Barber, Howard M., Pawcatuck, Conn., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Printing plate clamp. 2,355,134; Aug. 8.

Barber, Howard M., Pawcatuck, Conn., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Securing printing plates to their cylinders. 2,361,919; Nov. 7.

Barber, Ira J., assignor to The Fostoria Pressed Steel Corporation, Fostoria, Ohio. Radiant heat treating and apparatus therefor. 2,354,658; Aug. 1.

Barber, Paul R. (See Barger, Charles D. and P. R.)

Barber, Robert E. (See Brittingham, James S., assignor.)

Barbieri, Nicholas, Providence, R. I., assignor to Uncas Manufacturing Company. Letter assembly. 2,342,237; Feb. 22.

Barbieri, Cesare, New York, N. Y., assignor to Dixie Cup Company. Container. 2,347,236; Apr. 25.

Barbieri, Cesare, New York, N. Y., assignor to Dixie Cup Company. Paper cup. 2,357,161; Aug. 29.

Barbour, Andy, et al. (See Gray, R. D., and Denison, assignors.)

Barbour, Howard C., Elyria, and F. S. Miller, Amherst, assignors to The Cleveland Quarries Company, Cleveland, Ohio. Apparatus for dressing grindstones. 2,355,844; Aug. 15.

Barbour, Roswell P., assignor of one-half to C. Beckman, Jr., Lodi, Calif. Lug box. 2,357,162; Aug. 29.

Barclay, Spencer H., North Arlington, N. J. Sound distributor for sound reproducers. 2,359,348; Oct. 3.

Barclays Bank Limited, executor. (See Little, Charles W. G.)

Barclays Bank Limited, executor. (See Wood, John E.)

Bard, Albert T., Chicago, Ill., and A. J. Wenzel, Michigan City, Ind., assignors to Reliance Manufacturing Company, Chicago, Ill. Cigarette pocket. 2,358,137; Sept. 12.

Bard, Francis N., Highland Park, V. W. Breitenstein, C. J. Olds, and L. A. Wray, Chicago, Ill.; said Breitenstein, said Olds, and said Wray assignors to said Bard. Swivel joint. 2,343,491; Mar. 7.

Bardega, Joseph, Detroit, Mich. Vernier height gauge. 2,346,063; Apr. 4.

Bardell, Nicholas J., Chicago Heights, assignor to Midwest Forging & Mfg. Co., Chicago, Ill. Making shot. 2,356,966; Aug. 29.

Bardon, Donis M., Seattle, Wash. Line reeling device. 2,364,047; Dec. 5.

Bardwell & McAlister, Inc. (See Rose, Jess C., assignor.)

Bardwell, Dwight C., Syracuse, assignor, by mesne assignments, to The Solvay Process Company, New York, N. Y. Process for the production of salts. 2,344,929; Mar. 21.

Barens, Ivor, Toronto, Ontario, Canada. Educational device. 2,359,460; Oct. 3.

Barényi, Béla. (See Wilfert, K., and Barényi.)

Barényi, Béla, Boblinger, Germany; vested in the Alien Property Custodian. Disengageable connection. 2,340,503; Feb. 1.

Bargeboer, Adolf, The Hague, Netherlands; vested in the Alien Property Custodian. Preserving foodstuffs. 2,356,498; Aug. 22.

Bargen, William J., Waukegan, Ill. Typewriter desk. 2,362,877; Nov. 14.

Barger, Winslow H., Seattle, Wash. Device for marking powder lines. 2,362,234; Nov. 7.

Barith, Herbert F., Hamden, Conn., assignor to General Electric Company. Washing machine. 2,341,894; Feb. 15.

Barker, Clemon W., Wichita, Kans. Work-holding device having a ball and socket as a means for universal adjustment. 2,354,937; Aug. 1.

Barker, George E., Pittsburgh, Pa., assignor to Elgin National Watch Company, Elgin, Ill. Lubricant. 2,355,616; Aug. 15.

Barker, Gregson L., assignor to United Autographic Register Co., Chicago, Ill. Continuous-form stationery. 2,352,767; July 4.

Barker, Lee, Los Angeles, Calif. Envelope. 2,349,234; May 23.

Barker, Luther V. (See Du Pont, F. G., and Barker.)

Barker, Maurice E., Washington, D. C., P. E. Young, Fairhaven, Mass., and J. N. Bruce, Edgewood Arsenal, Md., assignors to The Secretary of War of the United States. Dust respirator. 2,344,669; Mar. 21.

Barker, Paul F., Brighton, assignor to Gleason Works, Rochester, N. Y. Coolant circulating system. 2,364,418; Dec. 5.

Barker, Richard, Sr. (See Drexler, Joseph L. and S. L., and Barker.)

Barker, Seth S., Ottumwa, Iowa. Dewaxing poultry. 2,358,043; Sept. 12.

Barker, Stuart N., and G. S. Selman, Hythe, assignors to Hubert Scott-Paine, Hythe, Southampton, England. Torpedo tube. 2,342,996; Feb. 29.

Barker, W. Ira. (See Smith, Harvey J., assignor.)

Barker, William M. (See Hailes, W. D., and Barker.)

Barker, William T., Jr., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Apparatus for and feeding molten glass. 2,340,729; Feb. 1.

Barkey, Isaac S., Stouffville, Ontario, Canada. Stepladder. 2,364,048; Dec. 5.

Barkley, Charles L., Pfafftown, N. C. Engine drive for vehicles. 2,354,734; Aug. 1.

Barkley, Joseph A., Silvercroft, Del. Aerial mine. 2,341,351; Feb. 8.

Barksdale, Lilburn S., Burbank, Calif., assignor to Adel Precision Products Corp. Shuttle valve. 2,360,839; Oct. 24.

Barland, Lauri C., Leicester, Mass., assignor to Parker Manufacturing Company. Handle for saws and the like. 2,361,256; Oct. 24.

Barlett, Helen B., Flint, assignor to General Motors Corporation, Detroit, Mich. Processing mica. 2,344,670; Mar. 21.

Barley, Clarence J. (See Hoke, H. A., and Barley.)

Barley, Leo D. (See Spiller, W. R., and Barley.)

Barnack, Boris J., Chicago, Ill. Insulation for electrical conductors. 2,345,229; Mar. 28.

Barnard, Henry H., Washington, D. C. Control panel and the like. 2,344,197; Mar. 14.

Barnard, Henry H., Washington, D. C. Indicating device. 2,344,198; Mar. 14.

Barnard, Henry H., Washington, D. C. Mounting and adjusting device for recording instruments. 2,344,199; Mar. 14.

Barnard, Henry H., Washington, D. C. Recording machine. 2,344,200; Mar. 14.

Barnard, Henry H., Washington, D. C. Proportional recording instrument. 2,358,308; Sept. 19.

Barnard, Kenneth H., Andover, assignor to Pacific Mills, Lawrence, Mass. Electrical insulation. 2,342,522; Feb. 22.

Barnard, Kenneth H., Stamford, Conn., assignor to Pacific Mills, Boston, Mass. Coated fabric insulation tape and process. 2,355,036; Aug. 1.

Barnard, Robert D., Columbus, Ohio, assignor to Eli Lilly and Company, Indianapolis, Ind. Therapeutically active ferrihemochromogens, and preparing them. 2,364,018; Nov. 28.

Barnes, B. I. (See Jones, Tase W., assignor.)

Barnes, Carey O. (See Hasouri, J. S., and Barnes.)

Barnes, Charles E., Philadelphia, Pa. Combined baseboard and conduit. 2,359,505; Oct. 3.

Barnes, Charles H. (See Brown, H. A., and Barnes.)

Barnes, Charles H., Bridgeport, Conn., assignor to Remington Arms Company, Inc. Firearm. 2,341,260; Feb. 8.

Barnes, Charles H., Glendale, assignor to Lane-Wells Company, Los Angeles, Calif. Adjustable anchor for packers. 2,365,327; Dec. 19.

Barnes Drill Co. (See Caldwell, Harry J., assignor.)

Barnes Drill Co. (See Caldwell, H. J., and Seborg, assignors.)

Barnes Drill Co. (See Fairbairn, W. M., and Burdick, assignors.)

Barnes, Elza C., Attica, Ind. Fence post. 2,364,419; Dec. 5.

Barnes, James F., Chicago, Ill., assignor to J. F. Barnes, trustee. Dispenser for marbles and the like. 2,365,511; Dec. 19.

Barnes, James F., trustee. (See Barnes, James F., assignor.)

Barnes, James F., trustee. (See Bernhardt, R., and Reinecke, assignors.)

Barnes, James F., trustee. (See Rebhols, Elmer F., assignor.)

Barnes, Jeffrey W. (See Pritchard, H. C., and Barnes.)

Barnes, Julius C., assignor to Columbus Iron Work Co., Columbus, Ga. Automatic wood-burning heater. 2,358,044; Sept. 12.

Barnes, Julius C., assignor to Columbus Iron Works Co., Columbus, Ga. Automatic laundry heater. 2,359,962; Oct. 10.

Barnes, Leslie W., Long Hill, assignor to The Baird Machine Company, Stratford, Conn. Tumbling barrel. 2,353,637; July 18.

Barnes, Lewis C., assignor to The Howe Scale Company, Rutland, Vt. Recording weighing scale. 2,339,758; Jan. 25.

Barnes, Malcolm H., C. J. Burch and W. G. Edwards, Kenmore, N. Y., assignors to The Linde Air Products Company. Blowpipe apparatus. 2,356,196; Aug. 22.

Barnes, Marion W., assignor to Universal Oil Products Company, Chicago, Ill. Heater for fluids. 2,346,348; Apr. 11.

Barnes, Marion W., assignor to Universal Oil Products Company, Chicago, Ill. Heating of fluids. 2,348,512; May 9.

Barnes, Marion W., assignor to Universal Oil Products Company, Chicago, Ill. Heater for fluids. 2,348,513; May 9.

Barnes, Marion W., assignor to Universal Oil Products Company, Chicago, Ill. Heater for fluids. 2,359,963; Oct. 10.

Barnes, Marion W., assignor to Universal Oil Products Company, Chicago, Ill. Heating of fluids. 2,361,812; Oct. 31.

Barnes, Norman F., Schenectady, N. Y., assignor to General Electric Company. Apparatus for indicating variations in densities of transparent media. 2,362,235; Nov. 1.

Barnes, Orland M., Horseheads, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Automatic drill press. 2,339,597; Jan. 18.

Barnes, R. W., et al. (See Pulliam, James D., assignor.)

Barnes, Rendell R., Fort Worth, Tex. Bottle rack. 2,338,310; Jan. 4.

Barnes, Richard H., Minneapolis, Minn. Apparatus for irradiating materials. 2,339,906; Jan. 25.

Barnes, Robert B., and L. P. Moore, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Diammonium monoalkali ferricyanide. 2,350,443; June 6.

Barnes, Robert B., and L. P. Moore, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Producing diammonium monoalkali metal ferricyanide. 2,362,183; Nov. 7.

Barnes, Thomas D., West Orange, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical measuring device. 2,349,242; May 23.

Barnes, Thomas D., West Orange, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Watthour meter. 2,363,284; Nov. 21.

Barnes, Thomas D., West Orange, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Meter register. 2,365,510; Dec. 19.

Barnes, W. F. and John, Company. (See Desenberg, Josef, assignor.)

Barnes, Walter C., Lake Bluff, and H. W. Keevil, Highland Park, Ill. Flaw detecting apparatus. 2,356,967; Aug. 29.

Barnes, Walter C., Lake Bluff, and H. W. Keevil, Highland Park, Ill. Rail flaw detecting unit. 2,356,968; Aug. 29.

Barnett, Harold M., Long Beach, Calif. Concentrating carotene. 2,348,443; May 9.

Barnett, John B., Washington, D. C. Salvaging apparatus. 2,359,964; Oct. 10.

Barnett, Lee A., Los Angeles, Calif. Power generating device. 2,346,643; Apr. 18.

Barnett, Louis, Brooklyn, assignor, by mesne assignments, to National Urn Bag Co., Inc., Long Island City, N. Y. Manufacture of infusion packages with handles. 2,348,201; May 9.

Barnett, Louis, Brooklyn, N. Y., assignor to National Urn Bag Company. Infusion package with handle. 2,359,292; Oct. 3.

Barnett, Louis, Brooklyn, assignor, by mesne assignments, to National Urn Bag Co., Inc., Long Island City, N. Y. Infusion package and the manufacture thereof. 2,362,459; Nov. 14.

Barnett, Louis, Brooklyn, N. Y., assignor to Millie Patent Holding Co., Inc. Infusion package and the manufacture thereof. 2,362,460; Nov. 14.

Barnett, Robert S. (See Kaufman, G., Uhrig, and Barnett.)

Barney, Freeman. (See Lee, J. W., and Barney.)

Barney, Harold L., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Variable attenuation circuit. 2,342,238; Feb. 22.

Barney, Harold L., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Noise reduction in signal transmission systems. 2,358,045; Sept. 12.

Barnhardt Brothers, et al. (See Adams, Arthur H., Jr., assignor.)

Barnhart, Robert M., San Gabriel, J. C. Bennett, Pasadena, and P. M. Heinmiller, assignors to Utility Trailer Manufacturing Company, Los Angeles, Calif. Interlock for coupilngs and supports of trailers. 2,355,775; Aug. 15.

Barnhart, Robert M., Alhambra, and J. S. Tormey, Temple City, assignors to Utility Trailer Manufacturing Company, Los Angeles, Calif. Power-operated automatic semitrailer. 2,363,851; Nov. 28.

Barnhart, Walter J., Huntington Beach, Calif. Side sampler for deep wells. 2,353,435; July 11.

Barnstyn, Jack, New York, N. Y. Spotting and signaling apparatus. 2,348,050; May 2.

Barnum, Leon N. (See Shultz, F. A., Speckman, Woolley, Mahimeister, and Barnum.)

Baron, Arthur S., et al. (See Pollard, John H., assignor.)

Barone, Anthony, New York, N. Y. Air-pervious clothing. 2,353,984; July 18.

Barr, Alan D., Tulsa, Okla. Towel. 2,352,067; June 20.

Barr, Charles, Buffalo, and J. F. Strickler, Jr., Kenmore, N. Y., assignors, by mesne assignments, to Stewart-Warner Corporation, Chicago, Ill. Heater. 2,349,694; May 23.

Barr, Charles R., Allison Park, Pa. Stoker feed mechanism. 2,359,742; Oct. 10.

Barr, Charles R., Pittsburgh, Pa. Apparatus for distributing solid fuel and the like. 2,359,887; Oct. 10.

Barr, Charles R., Pittsburgh, Pa. Stoker. 2,359,888; Oct. 10.

Barr, Courtland H., Glenolden, assignor to Sharp & Dohme, Incorporated, Philadelphia, Pa. Preservation of biologically active and other substances. 2,340,102; Jan. 25.

Barr, Courtland H., Glenolden, assignor to Sharp & Dohme, Incorporated, Philadelphia, Pa. Preservation of biologically active substances. 2,353,985; July 18.

Barr, Courtland H., Glenolden, assignor to Sharp & Dohme, Incorporated, Philadelphia, Pa. Preservation. 2,353,986; July 18.

Barr, Frank T., Summit, N. J., assignor, by mesne assignments, to Standard Catalytic Company. Cooling fluid catalysts. Re. 22,415; Jan. 4.

Barr, James M., and R. C. Mercer, Los Angeles, Calif.; said Barr assignor to said Mercer. Film patching jig. 2,348,237; May 9.

Barr, James R. (See Acly, H. M., and Barr.)

Barr, James R., Pittsfield, Mass., assignor to General Electric Company. Distribution system and protective arrangement therefor. 2,343,132; Feb. 29.

Barr, Peter J., Twickenham, England. Apparatus for treating solids in fluids. 2,351,091; June 13.

Barr, Roger S. (See Strunk, K. G., and Barr.)

Barr and Stroud, Limited. (See French, James W., assignor.)

Barr & Stroud, Limited. (See Macgill, Charles D., assignor.)

Barr & Stroud, Limited. (See Strang, J. M., and Bell, assignors.)

Barr, Walter A. (See Griffith, C. P., and Barr.)

Barrans, William T., Towson, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Strand covering apparatus. 2,344,586; Mar. 21.

Barreto, Ramón Gonzáles, Habana, Cuba. Clip to form the necktie knots. 2,349,842; May 30.

Barrett, Arthur M., Winnetka, assignor to The Barrett Bindery Co., Chicago, Ill. Selector and display device. 2,339,044; Jan. 11.

Barrett, Arthur M., Winnetka, assignor to Barrett-Cravens Company, Chicago, Ill. Lift truck. 2,358,957; Sept. 26.

Barrett Bindery Co., The. (See Barrett, Arthur M., assignor.)

Barrett Bindery Co., The. (See Erickson, E. W., and Brauer, assignors.)

Barrett, Charles G., Alexandria, Va. Razor blade sharpener. 2,347,246; Apr. 25.

Barrett-Cravens Company. (See Barrett, Arthur M., assignor.)

Barrett, Howard R., assignor to Gar Wood Industries, Inc., Detroit, Mich. Combination dump body and leveler. 2,350,488; June 6.

Barrett, Elliott P., and James R. West, Pittsburgh, Pa. Adsorbent. 2,352,932; July 4.

Barrett, George J., Houston, Tex. Milling tool. 2,353,284; July 11.

Barrett, George J., and S. Robichaux; R. Robishaw, executrix of said S. Robichaux, deceased, assignors to A-1 Bit and Tool Company Ltd., Houston, Tex. Side tracking apparatus. 2,362,529; Nov. 14.

Barrett, Guy, Market Harborough, assignor to Wycliffe Foundry & Engineering Co. Limited, Lutterworth, England. Step-by-step controlling mechanism. 2,357,163; Aug. 29.

Barrett, Guy, Market Harborough, assignor to Wycliffe Foundry & Engineering Co. Limited, Lutterworth, England. Locking mechanism for control gears. 2,361,920; Nov. 7.

Barrett, Harold G., assignor to Thermek Corporation, Chicago, Ill. Machine for raising spines. 2,354,298; July 25.

Barrett, Harry A., Philadelphia, Pa. Lock. 2,357,305; Sept. 5.

Barrett, Harry B., assignor to H. B. Barrett Company, Ltd., St. Louis, Mo. Brake-drum lathe. 2,357,803; Sept. 12.

Barrett, H. B., Company, Ltd. (See Barrett, Harry B., assignor.)

Barrett, Leon J. (See Peavey, Harold F., assignor.)

Barrett, Wilmer D., Reading, assignor to Whiting Milk Company, Charlestown, Mass. Timing method and apparatus. 2,353,382; July 11.

Barrington, James R. (See Green, W. H., and Barrington.)

Barrington, Robert R. (See Corbin, D. H., and Barrington.)

Barron, Abraham, Yonkers, N. Y. Collapsible merchandise display stand. 2,338,567; Jan. 4.

Barron-Gray Packing Company. (See Erickson, Arvid M., assignor.)

Barron, Joseph M., Port Arthur, Tex., assignor, by mesne assignments, to The Texas Company, New York, N. Y. Conversion of hydrocarbon oils. 2,338,794; Jan. 11.

Barron, Joseph M., Port Arthur, Tex., assignor, by mesne assignments, to The Texas Company, New York, N. Y. Cracking and coking hydrocarbon oils. 2,343,848; Mar. 7.

Barron, Joseph M., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Combination catalytic and thermal cracking. 2,349,603; May 23.

Barron, Joseph M., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Combination catalytic and thermal cracking. 2,356,744; Aug. 29.

Barros, Leonor de Souza, Sao Paulo, Brazil. Match book. 2,350,144; May 30.

Barrows, Donald S., assignor to The Symington-Gould Corporation, Rochester, N. Y. Antiskidding device. 2,352,174; June 27.

Barrows, Stephen S., Minneapolis, Minn. Magnifying attachment for measuring instruments and the like. 2,349,604; May 23.

Barry Company. (See Barry, Robert K., assignor.)

Barry, Cornelius J., assignor to Superior Plating Works, Chicago, Ill. Coupling structure. 2,349,993; May 30.

Barry, John P., Stratford, and C. C. Avery, Fairfield, assignors to Remington Arms Company, Inc., Bridgeport, Conn. Guard. 2,356,198; Aug. 22.

Barry, Robert E. (See Talbot, Frank A., assignor.)

Barry, Robert K., assignor to Barry Company, Muscatine, Iowa. Classifying machine. 2,343,042; Feb. 29.

Barsalou, Robert L., Dayton, Ohio. Gun sight. 2,347,655; May 2.

Barss, Joseph E. (See Brummer, Olin, assignor.)

Barsties, Wilhelm, Berlin, Germany; vested in the Alien Property Custodian. Fluid level gauge. 2,350,712; June 6.

Barstow, George E., Lakeville, Mass. Swaging machine. 2,341,977; Feb. 15.

Barstow, Ormond E., assignor to The Dow Chemical Company, Midland, Mich. Liquid level indicating system for use in treating wells. 2,347,589; Apr. 25.

Bartee, Ussury A., San Pablo, Calif. Flange bending apparatus. 2,348,185; May 9.

Bartelink, Everhard H. B., Niskayuna, N. Y., assignor to General Electric Company. Signal transmission system. 2,338,395; Jan. 4.

Bartelink, Everhard H. B., West Milton, N. Y., assignor to General Electric Company. Multivibrator. 2,365,512; Dec. 19.

Bartell, Floyd E., Ann Arbor, Mich. Method of and apparatus for producing laminated glass. 2,355,696; Aug. 15.

Bartelt, Fritz E. (See Kronenberger, A., and Bartelt.)

Barth, Elmer J. (See Peterson, C. D., and Barth.)

Barth, Jay E., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Adjustable automobile antenna. 2,350,866; June 6.

Barth, Robert H., Rochelle Park, and H. Burrell, Clifton, N. J., assignors, by mesne assignments, to Heyden Chemical Corporation, New York, N. Y. Polyhydric alcohol esters. 2,356,745; Aug. 29.

Barthalot, Leon G., Buenos Aires, Argentina. Safety razor. 2,363,040; Nov. 21.

Barthel, William F. (See Haller, H. L. J., and Barthel.)

Barthelemy, René, Fontenay aux Roses, France; vested in the Alien Property Custodian. Synchronizing apparatus for cathode-ray oscillographs. 2,355,135; Aug. 8.

Barthelemy, Walter L., Dayton, Ohio. Engine. 2,354,357; July 25.

Bartholomäus, Erich. (See Lautenschläger, C. L., Lindner, Mager, and Bartholomäus.)

Bartholomew, Byron J., Burton, Ohio. Supporting structural wallboard unit. 2,361,733; Oct. 31.

Bartholomew, Howard W. (See Armitage, J. B., and Bartholomew.)

Bartholy, Frederick E., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Time delay circuit. 2,339,750; Jan. 25.

Bartholy, Frederick E., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Remote control. 2,363,285; Nov. 21.

Bartle, Robert E., and F. Riley, Hull, England. Appliance for playing games or skill. 2,365,513; Dec. 19.

Bartlett, Edward P., Wilmington, Del., assignor to E. I. du Pont de Nemours & Company. Formic acid esters. 2,341,420; Feb. 8.

Bartlett, Edwin S., and E. R. Eldridge, assignors to Chicago Flexible Shaft Company, Chicago, Ill. Power driven clutch and shifter assembly. 2,352,596; July 4.

Bartlett, Frederick S., Bristol, R. I., assignor to United States Rubber Company, New York, N. Y. Liquid applicator. 2,353,987; July 18.

Bartlett, Jeffrey H. (See Lynch, C. S., and Bartlett.)

Bartlett, Jeffrey H., Cranford, N. J., assignor to Standard Oil Development Company. Isomerization of paraffinic hydrocarbons. 2,338,568; Jan. 4.

Bartlett, Reginald F., Weybridge, England. Means for raising or lifting sunken or partially sunken vessels. 2,363,488; Nov. 28.

Bartlow, Justin D., Long Beach, Calif., assignor to J. C. Owens. Carpet stretcher. 2,358,436; Sept. 19.

Bartolett, William H., Haddon Heights, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Reduction gear lubrication apparatus. 2,343,492; Mar. 7.

Barton, Albert W. (See Ferguson, E. M., Barton, and McCrady.)

Barton, Cyril H., and T. P. Hughes, London, England, assignors to Shell Development Company, San Francisco, Calif. Lubricating oils. 2,365,856; Dec. 26.

Barton, Frederic D., Jr., Oakland, Calif. Watercraft. 2,365,446; Dec. 19.

Barton, Giles E., assignor to The Ryan Aeronautical Co., San Diego, Calif. Ball and socket joint assembly. 2,363,477; Nov. 28.

Barton, John H. (See Thomas, P. M., and Barton.)

Barton, Loy E., Collingswood, N. J., assignor to Radio Corporation of America. Signal indicator and recorder. 2,355,502; Aug. 8.

Barton, Paul D. (See Dougherty, P. F., and Barton.)

Barton, Rice, Corporation. (See Smith, Herman A., assignor.)

Barton, Rice, Corporation. (See Stafford, S. B., and Smith, assignors.)

Barton, William A. (See Lane, H., and Barton.)

Bartsch, Albert, Chicago, Ill. Baby hot plate. 2,353,383; July 11.

Barwell, Allen C., Kennett Square, Pa., assignor to Hercules Powder Company, Wilmington, Del. Stabilized bituminous emulsion. 2,340,449; Feb. 1.

Bascom, Henry M., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph system. 2,353,004; July 4.

Bascom, Henry M., New York, N. Y., and F. A. Hubbard, Maplewood, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone signaling system. 2,364,771; Dec. 12.

Bascom, Henry M., and W. A. Rhodes, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Ticket cutter. 2,341,011; Feb. 8.

Baselt, Walter H., assignor to American Steel Foundries, Chicago, Ill. Car truck. 2,348,444; May 9.

Baselt, Walter H., assignor to American Steel Foundries, Chicago, Ill. Clasp brake. 2,354,972; Aug. 1.

Baselt, Walter H., assignor to American Steel Foundries, Chicago, Ill. Clasp brake. 2,354,973; Aug. 1.

Bash, John M. (See Phillips, W. D., and Van Fossen, assignors.)

Basbara, Laurence A., Portage Township, St. Joseph County, Ind. Burr cutting tool. 2,359,607; Oct. 3.

Basbark, Nicholas, Dayton, assignor to The Weatherhead Company, Cleveland, Ohio. Universal pipe fitting. 2,343,235; Feb. 29.

Bashore, Quinter E., Covina, Calif. Tapering ends of tubular objects. 2,348,186; May 9.

Basic Magnesium, Incorporated. (See Weinig, Arthur J., assignor.)

Basic Refractories, Incorporated. (See Hearing, Russell H., assignor.)

Basic Refractories, Inc. (See Schoenlaub, Robert A., assignor.)

Basile, Salvatore, Bloomfield, Conn. System and means for transporting ships. 2,357,494; Sept. 5.

Baskerville, Ralph J., Merwood Park, Pa., assignor to General Electric Company. Electric circuit breaker. 2,347,984; May 2.

Baskin, Charles M., Toronto, Ontario, Canada, assignor to Standard Oil Development Company. Bituminous waterproofing material. 2,343,735; Mar. 7.

Basler, Hermann, Berlin-Dahlem, Germany; vested in the Alien Property Custodian. Distributing device. 2,351,905; June 20.

Basquin, Olin H., Evanston, assignor to Streeter-Amet Company, Chicago, Ill. Testing apparatus. 2,363,930; Nov. 28.

Bass, Glenn W., et al. (See McDonald, Wayne E., assignor.)

Bassett, Rex E., Jr., South Bend, Ind., assignor, by mesne assignments, to American Machine and Metals, Inc., East Moline, Ill. Laundry machine. 2,352,362; June 27.

Bassett, Rex E., Jr., Miami Beach, Fla., assignor, by mesne assignments, to American Machine and Metals, Inc., East Moline, Ill. Laundry machine. 2,352,363; June 27.

Bassett, Robert S., Buffalo, N. Y. Liquid meter. 2,342,997; Feb. 29.

Bassett, Robert S., assignor to Sylvia Bassett, Buffalo, N. Y. Liquid meter. 2,338,396; Jan. 4.

Bassett, Sylvia. (See Bassett, Robert S., assignor.)

Bassett, Wm., et al., trustees. (See Ross, Talbert C., assignor.)

Bassford, Henry H., Jr., Brooklyn, assignor to U. S. Shellac Importers Association, Inc., New York, N. Y. Shellac naphthenate operative as plasticizers in varnishes, paints, and lacquers. 2,338,892; Jan. 11.

Bassick Company, The. (See Herold, Walter F., assignor.)

Bassinger, Ross, Houston, Tex. Releasable setting tool and by-pass. 2,344,121; Mar. 14.

Bassinger, Ross, Houston, Tex. Density determining device. 2,346,721; Apr. 18.

Bassinger, Ross, Houston, Tex. Well plug. 2,355,199; Aug. 8.

Bassist, Ellis. (See Toland, W. C., and Bassist.)

Bassist, Ellis, assignor to W. C. Toland, as trustee, Brookline, Mass. Preparing printing plates. 2,344,487; Mar. 21.

Bassist, Ellis, assignor to W. C. Toland, Brookline, Mass. Continuous-tone printing plates. 2,345,447; Mar. 28.

Bassist, Rudolph, assignor of forty-five per cent to himself, ten per cent to H. H. Stern, twenty-two one-half per cent to E. Abrams and twenty-two one-half per cent to E. April, New York, N. Y. Warp knitting machine. 2,361,526; Oct. 31.

Bassler, Edward F., Lake Stevens, Wash. Molded shingle. 2,362,236; Nov. 7.

Basso, Lawrence, et al. (See Bacigalupi, Peter, assignor.)

Bast Fiber Development Corporation. (See Patterson, David E., assignor.)

Baster, Joseph D., Shaker Heights, Ohio, assignor to The American Steel and Wire Company. Electroplating method. 2,346,349; Apr. 11.

Bastian Blessing Co., The. (See Buttner, William C., assignor.)

Bastian-Blessing Company, The. (See Mills, E. L., and Sundstrom, assignors.)

Bastian Blessing Co., The. (See Norway, Harold L., assignor.)

Bastian-Blessing Company, The. (See Sundstrom, Savin L., assignor.)

Bastian Brothers Company. (See Mitchel, Charles F., assignor.)

Bastian, Catherine M., et al. (See McNaught, Robert P., assignor.)

Bastian, Glenn G., Elsinore, Calif. Ventilator. 2,356,735; Aug. 29.

Baston, Cyril E., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Locomotive control system. 2,361,168; Oct. 24.

Batchelder, George W., Gibbstown, and R. F. Peterson, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Recovery of glycerin. 2,363,494; Nov. 28.

Batchelder, James W., Titusville, Pa., assignor, by mesne assignments, to The Fred Goat Co., Inc., New York, N. Y. Cutting blade and cutting therewith. 2,349,336; May 23.

Batcheller, Hugh W., Newton, assignor to Standard Mfg. Co., Worcester, Mass. Electric switch for doorjambs. 2,338,481; Jan. 4.

Batcheller, Hugh W., Newton, assignor to Standard Mfg. Co., Worcester, Mass. Rheostat switch. 2,358,617; Sept. 19.

Batchelor, Frederick K., and S. E. Becker, Huntington Park, Calif. Muffler. 2,348,706; May 16.

Batchelor, Robert L., Mamaroneck, N. Y. Container covers. 2,362,740; Nov. 14.

Bate, Edward G., Winnipeg, Manitoba, Canada. Animal pen. 2,346,001; Apr. 4.

Bate, George A., Ridgefield Park, N. J., assignor to The Lummus Company, New York, N. Y. Micrometer control. 2,342,830; Feb. 29.

Batelan, George G., Comorn, Va. Sand drier. 2,339,370; Jan. 18.

Bateman, Alva W., Newburgh, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Treating fabric and product produced thereby. 2,351,182; June 13.

Bateman, Ellen M., deceased. (See Bateman, Frederic H., assignor.)

Bateman, Fred H., et al., trustees. (See Bateman, Frederic H., assignor.)

Bateman, Frederic H., Washington Township, Gloucester County, assignor to F. H. Bateman, Grenloch, N. J., and Camden Trust Company, trustees under the will of E. M. Bateman, deceased. Potato planter. 2,341,352; Feb. 8.

Bateman, Paul, San Diego, Calif. Filter. 2,354,645; Aug. 1.

Bates, Albert H., Rockford, Ill. Sheet metal reel and making same. 2,339,245; Jan. 18.

Bates, Alfred O., Cleveland Heights, assignor, by mesne assignments, to The Parker Appliance Company, Cleveland, Ohio. Cutting tool and manufacture thereof. 2,350,667; June 6.

Bates, C. J., & Son. (See Silliman, Louis A., assignor.)

Bates, Carl S. (See Stone, S. M., and Bates, assignors.)

Bates, Charles J., Englewood, N. J., assignor to Diebold, Incorporated. Valve door construction. 2,354,358; July 25.

Bates, Charles J., Englewood, N. J., assignor to Diebold, Incorporated. File folder and index tab construction. 2,357,070; Aug. 29.

Bates, Harold. (See Dreyfus, H., Moncrieff, and Bates.)

Bates, John R., Swarthmore, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Catalysis. 2,349,243; May 23.

Bates, John R., and R. W. Harkness, Swarthmore, Pa., assignors to Houdry Process Corporation, Wilmington, Del. Production of low boiling hydrocarbons. 2,339,246; Jan. 18.

Bates, Lawrence G., Shaker Heights, assignor to Continental Say-When Corporation, Cleveland, Ohio. Liquid dispenser. 2,348,514; May 9.

Bates Manufacturing Company, The. (See Faas, Walter, assignor.)

Bates, Mortimer F., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Directional gyroscope. 2,363,495; Nov. 28.

Bates, Sam J., East Point, Ga. Black-out device. 2,352,609; July 4.

Batesole, Dwight E., Glenbrook, and G. H. Kendall, Noroton Heights, assignors to Norma-Hoffmann Bearings Corporation, Stamford, Conn. Seal for antifriction bearings. 2,353,988; July 18.

Bath, Cyril J., Hudson, Ohio. Control mechanism for press brakes or similar machines. 2,362,343; Nov. 7.

Batkin, Herbert William, near Whitchurch, assignor to Saiopian Engineers, Limited, Whitchurch, England. Coupling means for connecting horsedrawn vehicles to tractors. 2,352,511; June 27.

Bátori, Oscar E., Boston, Mass. Slide rule. 2,358,309; Sept. 19.

Battelle Memorial Institute. (See Faust, Charles L., assignor.)

Battelle Memorial Institute. (See Pray, Henry A. H., assignor.)

Battelle Memorial Institute. (See Shutt, R. S., and Waitkins, assignors.)

Batten, Percy H., et al. (See Lysholm, Alf., assignor.)

Batten, Percy H., trustee, et al. (See Lysholm, Alf., assignor.)

Battermann, Ludwig A., Rocky Point, N. Y., assignor to Radio Corporation of America. Connection plug. 2,356,199; Aug. 22.

Batterson, Erneest W., assignor to Shakespeare Products Company, Kalamazoo, Mich. Control assembly. 2,361,809; Oct. 31.

Battery Company. (See de la Torre, Miguel, assignor.)

Battey, Alexander J. (See Gretzinger, J. R., Battey, and Rabezzana.)

Battin, Harold T., Ridgewood, N. J., assignor to United States Rubber Company, New York, N. Y. Continuous vulcanizing apparatus. 2,339,611; Jan. 18.

Battle, Jack L. (See Jessen, F. W., and Battle.)

Battley, Joseph F., U. S. Army, D. O. Burger, Burbank, Calif., and R. Monro, Mountain, Md., assignors to the Secretary of War of the United States of America, as trustee. Fully molded gas mask facepiece. 2,359,506; Oct. 3.

Baty, James E., Sidcup, England. Optical apparatus for measuring, gauging, and the like. 2,358,296; Sept. 19.

Bauder, Raymond E., Chicago, Ill. Card index. 2,341,522; Feb. 15.

Bauder, Raymond E., Chicago, Ill. Bank account expediter. 2,352,175; June 27.

Bauder, Raymond E., Chicago, Ill. Card index. 2,360,840; Oct. 24.

Baudry, René A., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, Pittsburgh, Pa. Water cooler. 2,365,515; Dec. 19.

Bauer, Andrew, J. (See Whewell, R., and Bauer.)
Bauer, Arthur G., Hempstead, assignor to South Shore Machine & Tool Works, Inc., Seaford, N. Y. Burring tool. 2,351,578; June 20.
Bauer, Benjamin B., Chicago, Ill., assignor to S. N. Shure and Frances Shure, trustee, doing business as Shure Brothers. Electromagnetic translating device. 2,356,810; Aug. 29.
Bauer Brothers Company, The. (See Mechlin, William H., assignor.)
Bauer Brothers Company, The. (See Rench, G. L., and Glnaves, assignors.)
Bauer, Eddie, Seattle, Wash. Sleeping bag. 2,338,226; Jan. 4.
Bauer, Edward G., Hoopeston, Ill., assignor to Food Machinery Corporation, San Jose, Calif. Filing machine. 2,340,837; Feb. 1.
Bauer, Hans F., assignor to Stein, Hall Manufacturing Company, Chicago, Ill. Coating composition. 2,341,523; Feb. 15.
Bauer, Hans F., Chicago, J. V. Bauer, Kimwood Park, and D. M. Hawley, Geneva, assignors to Stein, Hall Manufacturing Company, Chicago, Ill. Bonding. 2,346,644; Apr. 18.
Bauer, Jordan V. (See Bauer, Hans F. and J. V., and Hawley.)
Bauer, Jordan V., Chicago, and D. M. Hawley, Geneva, assignors to Stein, Hall Manufacturing Company, Chicago, Ill. Treatment of cellulosic sheet materials. 2,350,356; June 6.
Bauer, Karl. (See Wünsch, G., Kronenberger, and Bauer.)
Bauer, Leo W., Paterson, N. J., assignor to General Box Company, Chicago, Ill. Lock end wire-bound shipping container. 2,351,092; June 13.
Bauer, Walter, Darmstadt, and F. Götz, Darmstadt-Eberstadt, Germany; vested in the Alien Property Custodian. Higher molecular substance from allyl chloride and its homologues. 2,338,893; Jan. 11.
Bauer, Walter, and C. T. Kautter, Darmstadt, Germany, assignors to Röhm & Haas Company, Philadelphia, Pa. Vinyl esters of unsaturated acids. 2,363,286; Nov. 21.
Baugh, Everett L. (See Rasmussen, O., and Baugh.)
Baughman, George W. (See Zane, W. F., and Baughman.)
Baughman, George W., assignor to The Union Switch & Signal Company, Swissvale, Pa. Train detecting and reporting apparatus. 2,342,315; Feb. 22.
Baughman, George W., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,360,034; Oct. 10.
Baughman, George W., Swissvale, and N. F. Agnew, Penn Township, Allegheny County, assignors to The Union Switch & Signal Company, Swissvale, Pa. Remote control system. 2,341,261; Feb. 8.
Baughman, George W., Swissvale, and N. F. Agnew, Penn Township, Allegheny County, assignors to The Union Switch & Signal Company, Swissvale, Pa. Remote control system. 2,350,668; June 6.
Bauknecht, Harry F., Ridgewood, N. J. Aircraft inclination indicator. 2,352,758; July 4.
Baum, Albert. (See Marcus, W., and Baum.)
Baum, Arthur F., and A. H. Anderson, assignors to Henry Weis Manufacturing Company, Inc., Elkhart, Ind. Hinge construction for swinging doors. 2,351,800; June 20.
Baum, Cleophas P., Westgate, Md. Airplane lift dolly. 2,362,981; Nov. 21.
Baum, Jasper, Bronx, assignor to Sonotone Corporation, Elmsford, N. Y. Electrical battery. 2,352,759; July 4.
Bauman, George C., and J. E. Bolen, Morris, and E. H. Thompson, Winnetka, assignors to Automatic Canteen Company of America, Chicago, Ill. Vending machine. 2,365,165; Dec. 19.
Bauman, Harold A. (See Xenis, C. P., Parsons, Perine, King, and Bauman.)
Baumann, Arnold W., Chicago, Ill. Evaporator. 2,359,678; Sept. 26.
Baumann, George F., West Allis, assignor to Pabst Brewing Company, Milwaukee, Wis. Bottle transfer for pasteurizers. 2,351,801; June 20.
Baumann, Henry N., Jr., and R. C. Benner, assignors to The Carborundum Company, Niagara Falls, N. Y. Aluminous material. 2,360,841; Oct. 24.
Baumann, Lewis A., Chevy Chase, Md., assignor, by mesne assignments, to A. R., F. L., and B. J. Sanna, a copartnership doing business as Sanna Dairy Engineers, Madison, Wis. Milk products and making the same. 2,360,433; Oct. 10.
Baumann, Walter. (See Martin, H., Baumann, Zaeslin, and Grün.)
Baumé, Edwall J., Long Beach, Calif. Threaded coupling. 2,339,135; Jan. 11.
Baume, Edwall J., Long Beach, Calif. Knob controlled night latch. 2,361,734; Oct. 31.
Baumer, Henry A. (See Williams, H. A., and Baumer.)
Baumfalk, John, Clifton, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,338,752; Jan. 11.
Baumfalk, John, Clifton, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Communication system. 2,339,669; Jan. 18.
Baumgard, William H., assignor to Arrow Products Company, Carlstadt, N. J. Clamping device. 2,356,440; Aug. 22.
Baumgart, August W. (See Beck, Ernest E., assignor.)
Baumgart, Lester V. (See Peterson, E. C., and Baumgart.)
Baumgartner, John G., Aurora, Ill. Brush. 2,348,515; May 9.
Baumgärtner, Wilhelm, Brunswick, Germany; vested in the Alien Property Custodian. Roll film camera. 2,356,560; Aug. 22.
Baumheier, Erich, Oschatz-Zscholiau, Germany; vested in the Alien Property Custodian. Submarine paint. 2,344,018; Mar. 14.
Baur, Hugo J., and T. E. Kulo, assignors by mesne assignments, to City National Bank and Trust Company of Chicago, trustee, Chicago, Ill. Check display mechanism. 2,361,363; Oct. 31.
Baur, Hugo J., and T. E. Kulo, assignors, by mesne assignments, to City National Bank and Trust Company of Chicago, Chicago, Ill., as trustee. Signaling and indicating system. 2,364,937; Dec. 12.
Baur, Raymond H., Miami Beach, Fla. Self-adjustable mandrel or implement holder. 2,359,606; Oct. 3.
Bausch & Lomb Optical Company. (See Bausch, William, assignor.)
Bausch & Lomb Optical Company. (See Benford, James R., assignor.)
Bausch & Lomb Optical Company. (See Boughton, O. W., and Kurtz, assignors.)
Bausch & Lomb Optical Company. (See Eckert, Clarence J., assignor.)
Bausch & Lomb Optical Company. (See Flint, Edward F., assignor.)
Bausch & Lomb Optical Company. (See Flint, E. F., and Kurtz, assignors.)
Bausch & Lomb Optical Company. (See Gallasch, George B., assignor.)
Bausch & Lomb Optical Company. (See Gibson, Henry L., assignor.)
Bausch & Lomb Optical Company. (See Harvey, J. E., and Perkins, assignors.)
Bausch & Lomb Optical Company. (See Holman, Arthur J., assignor.)
Bausch & Lomb Optical Company. (See Hutchings, Charles F., assignor.)
Bausch & Lomb Optical Company. (See Jobe, F. W., and Trost, assignors.)
Bausch & Lomb Optical Company. (See Jones, Frank L., assignor.)
Bausch & Lomb Optical Company. (See Morris, Edward M., assignor.)
Bausch & Lomb Optical Company. (See Perkins, Willard T., assignor.)
Bausch & Lomb Optical Company. (See Street, Donald T., assignor.)
Bausch & Lomb Optical Company. (See Turner, Arthur F., assignor.)
Bausch & Lomb Optical Company. (See Wittig, Carl H. O., assignor.)
Bausch & Lomb Optical Company. (See Wolfe, Bernard J., assignor.)
Bausch, William, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Optical instrument support. 2,357,377; Sept. 5.
Bausch, William, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Optical instrument. 2,359,609; Oct. 3.
Bauscher, William E., Towson, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Article handling device. 2,342,111; Feb. 22.
Bausher, Jeremiah Lee. (See Saussaman, W. A., and Bausher.)
Bawden Brothers, Inc. (See Bawden, Harry E., assignor.)
Bawden, Harry E., Bettendorf, assignor, to Bawden Brothers, Inc., Davenport, Iowa. Adjustable picture hanger. 2,357,071; Aug. 29.
Baxter, Arthur E. (See Gueterbock, P. G. J., and Baxter.)
Baxter, Clara, et al. (See Baxter, George, assignor.)
Baxter, George, assignor of five per cent to C. Hauser, five per cent to H. F. Murphy, five per cent to J. M. Hargett, five per cent to R. Carpenter, five per cent to G. J. Goodsheller, five per cent to E. Hauser, five per cent to H. M. Hauser, five per cent to B. Hannaford, five per cent to C. Baxter, Marion, and five per cent to W. L. Riddle, Herington, Kans. Bomb carrier and control for the bombs. 2,342,523; Feb. 22.
Baxter, James G., Rochester, assignor to Distillation Products, Inc., New York, N. Y. Production of tocopherol or vitamin E. 2,349,271; May 23.
Baxter, James G., and C. D. Robeson, assignors to Distillation Products, Inc., Rochester, N. Y. Preparing tocopherols and new tocopherol derivatives. 2,349,273; May 23.
Baxter, James G., and J. D. Taylor, assignors to Distillation Products, Inc., Rochester, N. Y. Separation and purification of the tocopherols. 2,350,713; June 6.
Baxter, James G., and R. W. Lehman, assignors to Distillation Products, Inc., Rochester, N. Y. Preparation of purified tocopherol succinate. 2,358,046; Sept. 12.
Baxter Laboratories, Inc. (See Nawoj, E. J., and Storner, assignors.)
Baxter, Warren P. (See Cary, H. H., and Baxter.)
Baxter, William R., Garfield Heights, assignor to The Empire Plow Company, Cleveland, Ohio. Agricultural soil working tool. 2,351,588; June 13.

Bay State Optical Company. (See Nerney, George E., assignor.)
Bay, Thomas J., U. S. Navy. Internal-combustion engine cooling system. 2,365,166; Dec. 19.
Bay West Paper Company. (See Vaughan, F. P., Krueger, Slye, and Engel, assignors.)
Bay, Zoltán, Ujpest, and G. Szigeti, Budapest, Hungary, assignors to General Electric Company. Electric lighting equipment. 2,344,122; Mar. 14.
Bayer, Anton. (See Waldschmidt, E., and Bayer.)
Bayer, August H., North College Hill, assignor to Littleford Brothers, Incorporated, Cincinnati, Ohio. Road roller. 2,348,445; May 9.
Bayer, Charles H., Wynnewood, Pa., assignor to General Electric Company. Electric switch. 2,345,374; Mar. 28.
Bayer, Charles H., Wynnewood, Pa., assignor to General Electric Company. Electric switch. 2,363,287; Nov. 21.
Bayer, Leonard D., and B. T. Shaw, assignors to The Ohio State University Research Foundation, Columbus, Ohio. Measuring moisture. 2,343,520; Mar. 7.
Bayer, Leonard D., Raleigh, N. C., and B. T. Shaw, assignors to The Ohio State University Research Foundation, Columbus, Ohio. Apparatus for measuring moisture. 2,362,344; Nov. 7.
Bayer, Otto. (See Nelles, J., Bayer, Tischbein, and Baehren.)
Bayers, George W., Denver, Colo. Sanitary douche. 2,361,908; Nov. 7.
Bayes, Alfred L., Kenmore, N. Y., assignor to Carbide and Carbon Chemicals Corporation. Lubricant. 2,351,657; June 20.
Bayes, Alfred L., Kenmore, N. Y., assignor to Carbide and Carbon Chemicals Corporation. Oil additive. 2,364,122; Dec. 5.
Bayes, Lucille, Basking Ridge, N. J., assignor to Aywon Dress Co. Inc., New York, N. Y. Padded garment construction. 2,345,527; Mar. 28.
Bayhi, Marcel J., Texarkana, Ark., and A. E. Lilja, Texarkana, Tex., assignors to The B. F. Goodrich Company, New York, N. Y. Apparatus for handling shells and similar objects. 2,365,930; Dec. 26.
Bayles, John W., Roker, Sunderland, assignor to A. Reyrolle & Company Limited, Hebburn-on-Tyne, England. Resistance welding machine. 2,346,645; Apr. 18.
Baymiller, John W. (See Knobel, M., Dickson, and Baymiller.)
Bayne, Charles D., deceased, by E. T. Bayne, executrix. Baytown, Tex., assignor to Standard Oil Development Company. Oil cracking in soakers. 2,341,353; Feb. 8.
Bayne, Emma T., executrix. (See Bayne, Charles D.)
Baynes, Leslie E. (See Maclaren, O. F., and Baynes.)
Bays, George S., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Viscosimeter. 2,354,299; July 25.
Bayston, Elsie B., et al. (See Bayston, John R., assignor.)
Bayston, John R., assignor to himself, W. F. Ross, and E. B. Bayston, Chicago, Ill. Speedometer alarm. 2,359,191; Sept. 26.
Bashaw, Willis O., and J. O. Parr, Jr., assignors to O. S. Petty, San Antonio, Tex. Seismic surveying. 2,354,659; Aug. 1.
Basley, Carl E., Schenectady, N. Y., assignor to General Electric Company. Circuit breaker. 2,348,516; May 9.
Basley, Carl E., Schenectady, N. Y., assignor to General Electric Company. Operating mechanism. 2,361,810; Oct. 31.
Basner, Eugene, Providence, R. I. Ornament. 2,350,714; June 6.
Bassoni, Lewis J., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Sole positioning device. 2,344,531; Mar. 21.
Bassoni, Lewis J., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine for shaping shoe uppers. 2,365,242; Dec. 19.
Beach, Clarence E., Binghamton, N. Y. Signaling system. 2,338,706; Jan. 11.
Beach, Clarence E., Binghamton, N. Y. Signaling system. 2,344,500; Mar. 21.
Beach, Edward J., Brooklyn, N. Y. Oil, moisture, and gas separator. 2,353,138; July 11.
Beach, Frederick H., Denville, N. J. Pin spreader. 2,350,098; June 13.
Beach, Frederick H., Denville, N. J. Electromagnetic check gauge. 2,358,782; Sept. 26.
Beach, Justice H., Canton, assignor to The Hoover Company, North Canton, Ohio. Refrigeration. 2,340,408; Feb. 1.
Beach, Lennox F., Port Washington, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Shaft mounting. 2,353,139; July 11.
Beach, Lennox F., Merrick, O. E. Esval, Huntington, and A. W. Lane, Freeport, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Directional gyroscope. 2,360,191; Oct. 10.
Beach, Ralph H., Rockdale, Md. Hedge cutter. 2,362,461; Nov. 14.
Beach, Stewart H., Iroquois, Ontario, Canada. Article grading device. 2,353,539; July 11.
Beachley, Donovan R., assignor to Beachley-Reichard Furniture Co., Inc., Hagerstown, Md. Upholstered chair. 2,358,437; Sept. 19.
Beachley, Donovan R., assignor to Beachley-Reichard Furniture Co., Inc., Hagerstown, Md. Upholstered chair. 2,358,438; Sept. 19.
Beachley-Reichard Furniture Co. (See Beachley, Donovan R., assignor.)
Beacon Industrial Corporation. (See Tarnuzzer, Edmund C., assignor.)
Bead Chain Manufacturing Company, The. (See Kosha, Andrew J., assignor.)
Beakes, Howard S., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Control apparatus. 2,342,034; Feb. 15.
Beal, Carl L., Cuyahoga Falls, assignor to American Anode Inc., Akron, Ohio. Making rubber articles. 2,340,243; Jan. 25.
Beal, Carl L., Cuyahoga Falls, assignor to American Anode Inc., Akron, Ohio. Deposition form and making the same. 2,344,960; Mar. 28.
Beal, Fay, assignor to H. A. Douglas Mfg. Co., Bronson, Mich. Electrical connection means. 2,361,448; Oct. 31.
Beal, James F., assignor to The Bryant Electric Company, Bridgeport, Conn. Electric lamp socket. 2,339,751; Jan. 25.
Beall, Benjamin S. (See Boisseau, A. C., and Beall.)
Beall, Frank H., Detroit, Mich. Two-way overrunning clutch. 2,364,019; Nov. 28.
Beals, Gilbson W., assignor to The Miller Company, Meriden, Conn. Lighting fixture shade and holder. 2,354,242; July 25.
Beam, Vilynn O. (See Higley, F. R., and Beam.)
Beaman, Bernard. (See Huiman, J., and Beaman.)
Beaman, Townsend F., trustee. (See Stanley, R. J., and Martersteck, assignors.)
Bean, Frank R., assignor to F. A. Smith Manufacturing Company, Rochester, N. Y. Thermostatic switch device. 2,360,842; Oct. 24.
Bean, Frederic R., assignor to Eastman Kodak Company, Rochester, N. Y. Process for producing N-substituted aminophenols. 2,338,482; Jan. 4.
Bean, Morris, Yellow Springs, Ohio. Molding pattern. 2,349,806; May 30.
Bean, Ruric N., J. S. Abercrombie, and H. Allen, Houston, Tex., assignors to Cameron Iron Works. Sealing and testing well head connections. 2,350,867; June 6.
Beane, Carson H., assignor to R. M. Green & Sons, Inc., Philadelphia, Pa. Evaporator. 2,349,695; May 23.
Bear Manufacturing Company. (See Olson, Henning E., assignor.)
Beard, Charles L., Lancaster, Pa. Punch and die. 2,348,875; May 16.
Beard, Charles L., Lancaster, Pa. Metal cutter. 2,348,876; May 16.
Beard, Charles L., Lancaster, Pa. Rivet cutter. 2,348,877; May 16.
Beard, Charles L., Lancaster, Pa. Joggling tool. 2,363,931; Nov. 28.
Beard, Charles L., Lancaster, Pa. Angle shrinker. 2,364,938; Dec. 12.
Beard, Leslie C., Jr., Brooklyn, N. Y., and R. Bulkley, Haddon Heights, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Nonrusting turbine oil. 2,342,636; Feb. 29.
Beard, Lois F., St. Petersburg, Fla. Hull. 2,354,569; July 25.
Beard, Louis A., Silsbee, Tex. Nonskid two-piece metal jacket. 2,343,251; Mar. 7.
Beardslee, Arthur C., Arcade, assignor to The Borden Company, New York, N. Y. Apparatus for distributing solid material. 2,357,868; Sept. 12.
Beardsley, Elmer O. (See Clay, M. G., and Beardsley.)
Beardsley, Harry L., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone housing detail. 2,348,592; May 9.
Beardsley, Kenneth D. (See Stewart, H. C., and Beardsley.)
Beardsley, Oscar F., Endicott, N. Y. Alarm clock. 2,350,578; June 6.
Beardsley & Piper Company, The. (See Clay, Murray G., assignor.)
Beardsley & Piper Company, The. (See Clay, M. G., and Beardsley, assignors.)
Beare, Leonard E., Lansing, Ill., assignor to Sinclair Refining Company, New York, N. Y. Lubricating oil composition. 2,350,489; June 6.
Beasley, Harold H., Ashton Gate, Bristol, England. Container for liquids and granular substances. 2,338,397; Jan. 4.
Beaton, Joseph R., assignor of one-half to M. MacDonald, Dearborn, Mich. Arm supporting harness. 2,358,551; Sept. 19.
Beatty Bros. Limited. (See Beatty, William G., assignor.)
Beatty, Elmer W., assignor of one-half to I. W. Millard, Danville, Ill. Finger guard. 2,351,906; June 20.
Beatty, Joseph H., Anaheim, Calif. Raw-state preserving process and composition. 2,364,614; Dec. 12.
Beatty, Julian L. (See Coit, E. W., Lane, and Beatty.)
Beatty, William E. (See Schroeder, Oscar W., assignor.)
Beatty, William E., Hollywood, Calif. Abrasive. 2,340,504; Feb. 1.
Beatty, William G., assignor to Beatty Bros. Limited, Fergus, Ontario, Canada. Wringer drive control mechanism. 2,346,893; Apr. 18.

Beaucage, Joseph H. D., Pittsfield, Mass. Geometrical instrument. 2,352,989; July 18.
Beauchamp, Wilfred A., Chicago, Ill., assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Car door mechanism. 2,343,361; Mar. 7.
Beaudet, George J., Milwaukee, Wis., assignor of one-half to M. B. Stein, Chicago, Ill. Grinding wheel tool. 2,344,385; Mar. 14.
Beaudine, Moses I., Abercrombie, N. Dak. Grain car door. 2,349,934; May 30.
Beaulieu, Ezra J., Downers Grove, and L. E. Bennett, Hinsdale, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Conveyer system. 2,346,285; Apr. 11.
Beaulieu, Ezra J., Downers Grove, L. E. Bennett, Hinsdale, and P. S. McCann, La Grange, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Conveyer system. 2,353,638; July 18.
Beaulieu, Ezra J., Downers Grove, and M. J. Christiansen, Chicago, Ill., assignors to Western Electric Company, Incorporated. Article handling apparatus. 2,362,043; Nov. 7.
Beaumont, Glenn A., Buffalo, N. Y., assignor to The Hanna Furnace Corporation. Pig iron and making same. 2,363,496; Nov. 28.
Beauvais, Robert. (See Rollman, E. E., and Beauvais.)
Beaven, Leslie W., Chicago, Ill. Internal combustion rotary engine. Re. 22,473; May 9.
Beaven, Leslie W., Chicago, Ill. Rotary engine structure. 2,342,446; Feb. 22.
Beaven, Leslie W., Chicago, Ill. Supercharger. 2,357,778; Sept. 5.
Beaver, Charles J., Bowdon, and E. L. Davey, Timperley, assignors to W. T. Glover & Company Limited, Manchester, England. Impregnating and coating sheet material. 2,339,045; Jan. 11.
Beaver, David J., St. Albans, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Preservation of rubber. 2,364,338; Dec. 5.
Beaver, Karl. (See Heron, S. D., and Beaver.)
Beavon, David K. (See Nagle, R. E., and Beavon.)
Bebinger, Charles N., assignor to La-Del Conveyor & Manufacturing Company, New Philadelphia, Ohio. Pitch adjusting mechanism for propeller fans. 2,350,382; June 6.
Bebinger, Charles N., New Philadelphia, Ohio, assignor to La-Del Conveyor & Manufacturing Company. Bearing. 2,358,310; Sept. 19.
Beblo, John, Butler, Pa. Bomb. 2,359,192; Sept. 26.
Bebout, Ray H. (See Murphy, F. R., and Bebout.)
Bechaud, Adolph B., assignor to Scientific Lighting, Inc., Fond du Lac, Wis. Fluorescent lighting fixture.
Bechberger, Paul F., Tenafly, assignor to Bendix Aviation Corporation, Bendix, N. J. Synchroscope. 2,339,612; Jan. 18.
Bechberger, Paul F., Tenafly, assignor to Bendix Aviation Corporation, Bendix, N. J. Reproducing motion. 2,342,637; Feb. 29.
Bechik, Michael, St. Paul, Minn. Handle for mattresses and cushions. 2,355,200; Aug. 8.
Bechik, Michael, St. Paul, Minn. Handle for mattresses and the like. 2,359,193; Sept. 26.
Bechman, William O., Chicago, Ill., assignor to International Harvester Company. Lubricating means. 2,349,898; May 30.
Bechman, William O., Chicago, Ill., assignor to International Harvester Company. Lubricating means. 2,342,443; Nov. 7.
Bechmann, Rudolf, H. E. Kundt, and H. Bremer, Berlin, Germany; vested in the Alien Property Custodian. Piezoelectric crystal mounting. 2,343,738; Mar. 7.
Bechtold, Reuben E., assignor to Tokheim Oil Tank and Pump Company, Fort Wayne, Ind. Liquid dispensing device. 2,340,850; Feb. 8.
Beck, Arnold J. (See Palmieri, M., and Beck.)
Beck, Bjorn O., Newark, Ohio. Shuttlecock. 2,354,790; Aug. 1.
Beck, Bjorn O., Newark, Ohio, H. L. Beck, Western Springs, Ill., and C. H. Gunthorp, Indianapolis, Ind. Electrical insulating compositions. 2,357,072; Aug. 29.
Beck, Ernest E., assignor of one-half to A. W. Baumgart, Chicago, Ill. Filling and binding composition. 2,357,578; Sept. 5.
Beck, Hubert L. (See Beck, Bjorn O. and H. L., and Gunthorp.)
Beck, Morris B., Lawrence, N. Y. Fluorescent tube lighting fixture. 2,341,895; Feb. 15.
Becke, Friedrich. (See Stoewener, F., and Becke.)
Becker, Abraham S. and V. H., Los Angeles, Calif. Brassiere. 2,346,411; Apr. 11.
Becker, Balthasar. (See Stoll, A., Kussmaul, and Becker.)
Becker, Bernard C., deceased, Canton, Ohio, by B. E. Becker, executrix, York, Pa., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,359,196; Sept. 26.
Becker, Bernard M., assignor to Universal Oil Products Company, Chicago, Ill. Reactor tube. 2,354,640; July 25.
Becker, Bernice E., executrix. (See Becker, Bernard C.)
Becker, Carl D., U. S. Army, Washington, D. C. Temporary emergency seal for punctured containers. 2,357,804; Sept. 12.
Becker, Carlheinz, Berlin-Wilmersdorf, Germany; vested in the Alien Property Custodian. Producing sound records in half-wave records. 2,342,239; Feb. 22.
Becker, Carlheinz, Berlin-Wilmersdorf, Germany; vested in the Alien Property Custodian. Leveling the characteristic of photographic emulsions. 2,365,376; Dec. 19.
Becker, Ernest R., Oak Park, assignor to The Liquid Carbonic Corporation, Chicago, Ill. Bottle cleaning apparatus. 2,347,453; Apr. 25.
Becker, George D., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Rotary cooler. 2,348,446; May 9.
Becker, Joseph, Pittsburgh, Pa., assignor to Koppers Company. Coke oven structure. 2,338,618; Jan. 4.
Becker, Joseph A., Mountain Lakes, and J. N. Shive, Westfield, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Selenium rectifier and making it. 2,339,613; Jan. 18.
Becker, Joseph C., Longview, Tex., assignor to The Atlantic Refining Company, Philadelphia, Pa. Salt water pit lining. 2,348,320; May 9.
Becker, Mano E., New York, N. Y. Multiple knife. 2,364,339; Dec. 5.
Becker, Oskar W., Heidelberg, and E. Braun, Weinheim, Baden, Germany; vested in the Alien Property Custodian. Apparatus for the manufacture of artificial sausage skins. 2,345,086; Mar. 28.
Becker, Sam B., assignor to Standard Oil Company, Chicago, Ill. Modified addition agent for lubricants. 2,339,371; Jan. 18.
Becker, Sidney E. (See Batchelor, F. K., and Becker.)
Becker, Victor L. (See Becker, Abraham S. and V. L.)
Becker, Walter A., Charlotte, N. C., assignor to Old Dominion Box Company, Lynchburg, Va. Dispensing container. 2,349,605; May 23.
Beckes, Lloyd M., San Francisco, Calif., assignor to American Smelting and Refining Company, New York, N. Y. Mechanism for handling molten metal. 2,364,615; Dec. 12.
Beckett, Nora, Orange, Calif. Cabinet for hairdressers' chairs. 2,343,493; Mar. 7.
Beckett, Rollin B., Parma, Ohio, assignor to The American Steel and Wire Company of New Jersey. Method and apparatus for measuring buckle or center stretch in cold rolled steel strips. 2,347,484; Apr. 25.
Beckett, Rollin B., Parma, Ohio, assignor to The American Steel and Wire Company of New Jersey. Apparatus for measuring buckle or center stretch in cold rolled steel strip. 2,360,754; Oct. 17.
Beckham, Leland J., Geddes, assignor to The Solvay Process Company, New York, N. Y. Sulphitation of organic compounds. 2,343,362; Mar. 7.
Beckham, Leland J., Geddes, assignor to The Solvay Process Company, New York, N. Y. Improving hydrocarbon mixtures. 2,354,359; July 25.
Beckley, Charles O., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Cutter. 2,351,093; June 13.
Beckman, Arnold O., Altadena, assignor to American Geochemical Corporation. Long Beach, Calif. Soil analysis for location of oil deposits. 2,348,103; May 2.
Beckman, Arnold O., Altadena, assignor to National Technical Laboratories, South Pasadena, Calif. Method and apparatus for proportioning. 2,351,579; June 20.
Beckman, Arnold O., Altadena, assignor to National Technical Laboratories, South Pasadena, Calif. Method and apparatus for proportioning. 2,351,580; June 20.
Beckman, Charles, Jr. (See Barbour, Roswell P., assignor.)
Beckman, Gustaf S., Cranston, R. I., assignor to Universal Winding Company, Boston, Mass. Winding machine. 2,351,472; June 13.
Beckman, Gutaf S., Cranston, R. I., assignor to Universal Winding Company, Boston, Mass. Automatic bobbin winder. 2,361,813; Oct. 31.
Beckman, Lawrence R., Erhard, Minn. Storage battery terminal. 2,347,168; Apr. 25.
Beckwith, Dudley R. (See New, A. A., Foord, and Beckwith.)
Beckwith, Edwin L., Brookline, and C. P. MacIver, Stow, Mass., assignors to Beckwith Manufacturing Company, Dover, N. H. Scabbard. 2,361,735; Oct. 31.
Beckwith, George M., and M. D. Pickens, Meadville, Pa., assignors to Talon, Inc. Adjustable fastening device. 2,343,826; Mar. 7.
Beckwith, George M., New York, N. Y., and M. D. Pickens, Washington, D. C., assignors to Talon, Inc. Making adjustable fastening devices. 2,343,827; Mar. 7.
Beckwith, Glenwood J., Brecksville, Ohio, assignor to The American Steel and Wire Company of New Jersey. Stainless steel anodic polishing. 2,348,517; May 9.
Beckwith, Glenwood J., Brecksville, Ohio, assignor to The American Steel and Wire Company of New Jersey. Electrolytic treatment of chromium alloys. 2,349,843; May 30.
Beckwith, Leo M., Brookline, Mass. Portable water still. 2,357,869; Sept. 12.
Beckwith Manufacturing Company. (See Beckwith, E. L., and MacIver, assignors.)
Beckwith Manufacturing Company. (See Harrison, Raymond B., assignor.)

Beckwith Manufacturing Company. (See Lovell, S. P., and Straw, assignors.)
Beckwith Manufacturing Company. (See Swett, Adelbert P., assignor.)
Beckwith, Raymond A., assignor to Koehring Company, Milwaukee, Wis. Excavating and truck loading machine. 2,347,455; Apr. 25.
Beckwith, Raymond A., assignor to Koehring Company, Milwaukee, Wis. Instantaneous truck loading shovel. 2,347,456; Apr. 25.
Beckwith, Raymond A., assignor to Koehring Company, Milwaukee, Wis. Excavating, loading, and dumping vehicle. 2,352,068; June 20.
Beckwith, Wendell K., Whitewater, assignor to Milwaukee Electric Tool Corporation, Milwaukee, Wis. Saw. 2,349,400; May 23.
Beckwith, Wendell K., Whitewater, assignor to Milwaukee Electric Tool Corporation, Milwaukee, Wis. Portable electric tool. 2,349,401; May 23.
Bedard, Earl L., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Selective fuel tank content indicator. 2,356,200; Aug. 22.
Bedard, Joseph W., Hoosick Falls, N. Y. Stitching machine. 2,347,761; May 2.
Bedard, Roy T., Escanaba, Mich. Mechanical movement. 2,351,389; June 13.
Beddoes, Hubert, assignor to Pacific Flush Tank Company, Chicago, Ill. Safety device for gas producing systems. 2,348,104; May 2.
Beddow, Raymond E., Toledo, Ohio. Pickup device for airplanes. 2,364,598; Dec. 12.
Bedford, Alda V., Collingswood, N. J., assignor to Radio Corporation of America. Television pickup tube. 2,339,833; Jan. 25.
Bedford, Alda V., Collingswood, N. J., assignor to Radio Corporation of America. Audio transmission circuit. 2,340,364; Feb. 1.
Bedford, Alda V., Collingswood, N. J., assignor to Radio Corporation of America. Camera device. 2,355,136; Aug. 8.
Bedford, Alda V., Collingswood, N. J., assignor to Radio Corporation of America. Blocking oscillator. 2,358,297; Sept. 19.
Bedford, Frederick W., assignor to Bedford Products, Dunkirk, N. Y. Producing fruit or vegetable juice concentrate. 2,354,633; July 25.
Bedford, Leslie H., and W. H. Stevens, assignors to A. C. Cossor Limited, London, England. Electrical apparatus. 2,360,466; Oct. 17.
2,359,349; Oct. 3.
Bedford Products. (See Bedford, Frederick W., assignor.)
Beduneau, Emile F. L., Thomery, France; vested in the Alien Property Custodian. Semiautomatic machine intended for finishing the grooves of ball bearing rings. 2,356,499; Aug. 22.
Beebe, Lucian H., Quaker Hill, Conn. Highway marking system and device for applying same. 2,338,894; Jan. 11.
Beebe, Murray C., Jr. (See Martin, E., and Beebe.)
Beebe, Murray C., Jr., Glastonbury, assignor to United Aircraft Corporation, East Hartford, Conn. Propeller control. 2,338,483; Jan. 4.
Beebe, Stuart J., Wayne County, assignor to Richmond Glove Corporation, Richmond, Ind. Workman's glove. 2,357,574; Sept. 5.
Beech Aircraft Corporation. (See Blanchard, Irvin H., assignor.)
Beech Aircraft Corporation. (See Duffy, D. H., Wiley, and Ross, assignors.)
Beech Aircraft Corporation. (See Lofgren, John A., assignor.)
Beech, Edward J., Sumas, Wash. Rotary motor. 2,346,646; Apr. 18.
Beecher, Brazier K., Wyandotte, and H. F. Roderick, Grosse Isle, assignors, by mesne assignments, to Wyandotte Chemicals Corporation, Wyandotte, Mich. Manufacture of silicated caustic alkali products. 2,357,723; Sept. 5.
Beecher, Milton F. (See Jeppson, G. N., and Beecher.)
Beechlyn, John T., assignor to O. S. Walker Co. Inc., Worcester, Mass. Permanent magnet chuck. 2,347,023; Apr. 18.
Beechlyn, John T., assignor to O. S. Walker Co. Inc., Worcester, Mass. Permanent magnetic chuck. 2,359,293; Oct. 3.
Beechlyn, John T., assignor to O. S. Walker Co. Inc., Worcester, Mass. Permanent magnet chuck. 2,360,928; Oct. 24.
Beech-Nut Packing Company. (See Martin, William T., assignor.)
Beed, Carl F., assignor to Lockheed Aircraft Corporation, Burbank, Calif. Airfoil testing apparatus. 2,340,505; Feb. 1.
Beede, Herbert G., Pawtucket, assignor to Pantex Pressing Machine, Inc., Central Falls, R. I. Apparatus for making colloidal starch suspensions. 2,351,907; June 20.
Beede, Herbert G., Pawtucket, assignor to Pantex Pressing Machine, Inc., Central Falls, R. I. Locking setscrew. 2,355,899; Aug. 15.
Beede, Herbert G., Pawtucket, assignor to Pantex Pressing Machine, Inc., Central Falls, R. I. Locking wedge point setscrew. 2,355,900; Aug. 15.
Beede, Herbert G., deceased, Pawtucket, R. I., by R. J. Beede, Seekonk, Mass., executor, assignor to Pantex Pressing Machine, Inc., Central Falls, R. I. Backlash resisting locking setscrew. 2,355,901; Aug. 15.
Beede, Herbert G., deceased, Pawtucket, R. I., by R. J. Beede, Seekonk, Mass., executor, and N. Monsarrat, Seekonk, Mass., assignors to Pantex Pressing Machine, Inc., Central Falls, R. I. Locking adjusting point setscrew. 2,355,943; Aug. 15.
Beede, Robert J., executor. (See Beede, Herbert G., assignor.)
Beede, Robert J., executor. (See Beede, H. G., and Monsarrat.)
Beeh, Louis, Long Meadow, Mass. Magnetic spark plug. 2,347,072; Apr. 18.
Beeh, Louis, Long Meadow, Mass. High-pressure pump. 2,351,908; June 20.
Beeh, Louis, Springfield, Mass. Fuel injection pump for internal combustion engines. 2,357,870; Sept. 12.
Beeke, Henry F., and S. A. Young, assignors to Globe Valve Corporation, Delphi, Ind. Bath, sink, and lavatory fixture. 2,348,238; May 9.
Beekhuis, Herman A., Jr., Petersburg, Va., assignor to The Solvay Process Company, New York, N. Y. Concentrating weak nitric acid. 2,343,635; Mar. 7.
Beekhuis, Herman A., Jr., Petersburg, Va., assignor to The Solvay Process Company, New York, N. Y. Recovering solids from solution. 2,347,073; Apr. 18.
Beekler, John G., Santa Monica, Calif. Weatherproof snail bait. 2,363,852; Nov. 28.
Beekley, Francis C., West Hartford, assignor to The Glastonbury Bank & Trust Company, Glastonbury, Conn. Microphone. 2,350,010; May 30.
Bee-Line Company. (See Smith, Roy D., assignor.)
Bee Line Manufacturing Company. (See Smith, Roy D., assignor.)
Beem, Birdie L. (See Harris, John C., assignor.)
Beer, Leo, Philadelphia, Pa. Impregnating composition for textile materials. 2,347,024; Apr. 18.
Beer, Palle-Finn, and P. V. I. P. Anneberg, Copenhagen, Denmark; vested in the Alien Property Custodian. Motor for sound recording apparatus. 2,345,087; Mar. 28.
Beerbower, Alan, and A. E. Calkins, Westfield, N. J., assignors to Standard Oil Development Company. Lubricant, etc. 2,343,736; Mar. 7.
Beerbower, Alan, Kenilworth, N. J., and R. E. Darley, Glen Burnie, Md., assignors to Standard Oil Development Company. Lubricant. 2,343,737; Mar. 7.
Beers, George L., Haddonfield, N. J., assignor to Radio Corporation of America. Color television system. 2,351,760; June 20.
Beers, George L., Haddonfield, N. J., assignor to Radio Corporation of America. Frequency modulation signal receiving system. 2,356,201; Aug. 22.
Beers, Royce L., Birmingham, assignor to Detroit Stoker Company, Monroe, Mich. Traveling grate for stokers. 2,356,144; Aug. 22.
Beers, Royce L., Birmingham, assignor to Detroit Stoker Company, Monroe, Mich. Detachable grate bar construction for traveling grates. 2,363,932; Nov. 28.
Beersmann, Charles G., Evanston, Ill. Refrigerator. 2,347,985; May 2.
Beerthuis, Ebbe, Chicago, Ill. Plastering base. 2,344,279; Mar. 14.
Beetem, Frank G., Philadelphia, Pa., assignor to The Electric Storage Battery Company. Charge control storage system for storage batteries. 2,358,681; Sept. 19.
Beggs, James E., Scotia, N. Y., assignor to General Electric Company. Lead-in arrangement. 2,344,280; Mar. 14.
Beggs, James E., Scotia, N. Y., assignor to General Electric Company. Electric discharge device and fabrication thereof. 2,352,933; July 4.
Beggs, Robert J., Highland Springs, Va. Ornamental chain. 2,355,944; Aug. 15.
Begun, Semi J., assignor to Magnetone Inc., Cleveland, Ohio. Magnetic sound recording and reproducing. 2,356,145; Aug. 22.
Begun, Semi J., assignor to The Brush Development Company, Cleveland, Ohio. Sound reproducing device. 2,363,497; Nov. 28.
Behar, Sam, Berwyn, Ill., assignor to A. F. Dormeyer Mfg. Co. Juicer support. 2,344,227; Mar. 14.
Behar, Sam, Berwyn, assignor to A. F. Dormeyer Mfg. Co., Chicago, Ill. Turntable slide support. 2,357,160; Aug. 29.
Behar, Samuel M. (See Redin, R. W., and Behar.)
Behen, George L., assignor of one-half to R. Ashton, Arvada, Colo. Center locating device. 2,348,878; May 16.
Behimer, Henry B., assignor to Line Material Company, South Milwaukee, Wis. Electromagnetic device. 2,355,137; Aug. 8.
Behm, Arthur A., et al. (See Wilson, Ray O., assignor.)
Behm, Richard D., Vancouver, Wash., assignor to M and M Wood Working Company, Portland, Oreg. Concrete form material. 2,364,772; Dec. 12.

Behnisch, Robert, and P. Pöhls, Wuppertal-Elberfeld, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Condensation products derived from 4,4'-diaminodiphenylsulphone and making them. 2,339,318; Jan. 18.

Behnisch, Robert, Wuppertal-Elberfeld, and W. Salzer, Wuppertal-Barmen, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Chromane compounds and manufacture thereof. 2,350,461; Oct. 3.

Behr-Manning Corporation. (See Amstus, John O.)

Behr-Manning Corporation. (See Manchester, Randall S., assignor.)

Behr-Manning Corporation. (See Van der Pyl, Edward, assignor.)

Behr, Robert K., Tuckahoe, N. Y., assignor to The Babcock & Wilcox Company, Newark, N. J. Multiflue heat exchanger. 2,357,251; Aug. 29.

Behrens, Herbert C., Haddon Heights, assignor to Samuel M. Langston Co., Camden, N. J. Rotary steam joint. 2,349,696; May 23.

Behrens, Herman, Essex, N. Y. Boat anchor. 2,365,136; Dec. 12.

Behrent, Eric, East Rutherford, N. J., and E. F. Marresford, Baldwin, assignors to National Biscuit Company, New York, N. Y. Automatic packaging machine. 2,353,005; July 4.

Behringer, Alfred, Wanaque, N. J., assignor to Alco-Gravure Division of Publication Corporation, New York, N. Y. Bearing shield. 2,350,089; May 30.

Behrman, Abraham S., Chicago, Ill., assignor to Infilco Incorporated. Preparation of gels. 2,358,201; Sept. 12.

Behrman, Abraham S., Chicago, Ill., assignor to Infilco Incorporated. Predrieing gels. 2,358,202; Sept. 12.

Beibin, Morris, Brooklyn, N. Y. Deodorant and moth preventing cake. 2,349,402; May 23.

Bell, Forrest F., assignor to Curtis Companies Incorporated, Clinton, Iowa. Weather seal construction. 2,345,088; Mar. 28.

Bell, Forrest F., assignor to Curtis Companies Incorporated, Clinton, Iowa. Weather strip construction. 2,358,552; Sept. 19.

Bellenson, Bernard, Harrow, England, assignor to Eastman Kodak Company, Rochester, N. Y. Photographic layers containing dyestuffs. 2,350,090; May 30.

Beirise, John C., Dayton, Ohio. Airplane towing means. 2,350,999; June 13.

Beiser, Elmer H. (See Hasselman, A. J., and Beiser.)

Beiter, George, Long Island City, assignor to Steinway & Sons, New York, N. Y. Securing means for adhesively held parts. 2,345,025; Mar. 28.

Beitler, Samuel R. (See Overbeck, J. E., and Beitler.)

Beitler, Samuel R., assignor of one-half to J. E. Overbeck, Columbus, Ohio. Apparatus for compensating gas meter readings. 2,348,593; May 9.

Bek, Heinrich. (See Bolli, B., and Bek.)

Belada, John, Glassboro, N. J., assignor to Owens-Illinois Glass Company. Mechanism for handling closure blanks. 2,346,549; Apr. 11.

Belanger, Albert P., Chicago, Ill. Fastening device. 2,353,140; July 11.

Belcher, Clarence F. (See Lee, H. R., and Belcher.)

Belcher, Daniel, E. D. Munson, and H. V. Kindseth, assignors to Bemis Bro. Bag Co., Minneapolis, Minn. Bag feeding and packaging machine. 2,343,879; Mar. 14.

Belcher, Daniel, Minneapolis, Minn., and F. E. Linda, St. Louis, Mo., assignors to Bemis Bro. Bag Co., Minneapolis, Minn. Bag closing machine. 2,362,462; Nov. 14.

Belcher, George E., Company. (See Reinhardt, Louis W., assignor.)

Belden Manufacturing Company. (See Reading, Raymond L., assignor.)

Beldi, Fritz, assignor to Aktiengesellschaft Brown, Boveri & Cie, Baden, Switzerland. High voltage transformer. 2,348,238; May 9.

Beldi, Fritz, assignor to Aktiengesellschaft Brown, Boveri & Cie, Baden, Switzerland. Anode assembly. 2,358,553; Sept. 19.

Beldimano, Alessandro, Rome, Italy; vested in the Alien Property Custodian. Apparatus for transforming mechanical energy into heat. 2,344,075; Mar. 14.

Belfer, Simon, Buenos Aires, Argentina. Maize harvester. 2,365,997; Dec. 26.

Belforti, George F., Milford, assignor to Draper Corporation, Hopedale, Mass. Thread parting mechanism. 2,341,859; Feb. 15.

Belline, Walter E., Englewood, N. J. Distilling apparatus. 2,352,000; June 20.

Bell Aircraft Corporation. (See De Gray, William G., assignor.)

Bell Aircraft Corporation. (See Howe, Smith B., assignor.)

Bell Aircraft Corporation. (See La Sha, Stanley S., assignor.)

Bell Aircraft Corporation. (See La Sha, S. S., and Salisbury, assignors.)

Bell Aircraft Corporation. (See Schwartz, Arthur A., assignor.)

Bell Aircraft Corporation. (See Schwartz, A. A., and Maurer, assignors.)

Bell Aircraft Corporation. (See Stanley, Robert M., assignor.)

Bell Aircraft Corporation. (See Trotter, John C., assignor.)

Bell Aircraft Corporation. (See Trotter, J. C., and Carlzen, assignors.)

Bell Aircraft Corporation. (See Trotter, J. C., and Maurer, assignors.)

Bell Aircraft Corporation. (See Woods, Robert J., assignor.)

Bell Aircraft Corporatoin. (See Woodson, Omer L., assignor.)

Bell, Angus S., and W. C. Angus, Spondon, near Derby, England, assignors to Celanese Corporation of America. Textile material. 2,352,244; June 27.

Bell, Angus S., and W. C. Angus, Spondon, near Derby, England, assignors to Celanese Corporation of America. Textile material and the production thereof. 2,352,245; June 27.

Bell, Charles C., Marblehead, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Coating material spray recovery means. 2,347,728; May 2.

Bell, Curtis M., Berkeley, Calif. Automatic collet chuck. 2,359,507; Oct. 3.

Bell, David A., London, England, assignor to Radio Patents Corporation. Electrical apparatus. 2,363,288; Nov. 21.

Bell, David B., Long Beach, assignor to Kenyon F. Lee, Los Angeles, Calif., trustee. Method of converting oil. 2,347,805; May 2.

Bell, Francis W. (See Lovell, L. L., Martin, and Bell.)

Bell, Godfrey. (See Stanfield, Merl A., assignor.)

Bell & Gossett Company. (See Tidd, Edwin B., assignor.)

Bell & Howell Company, The. (See Howell, Albert S., assignor.)

Bell & Howell Company, The. (See McNabb, Louis A., assignor.)

Bell & Howell Company, The. (See Moomaw, L. H., and Bernarott, assignors.)

Bell & Howell Company, The. (See Steehbart, Bruno, assignor.)

Bell & Howell Company, The. (See Zuber, John G., assignor.)

Bell, Ian C. M. (See Strang, J. M., and Bell.)

Bell, Joseph D., San Francisco, Calif. Power transmitting device. 2,353,285; July 11.

Bell, Leroy V., Wakefield, R. I. Cigarette package or the like. 2,342,240; Feb. 22.

Bell, Marguerite N., Minneapolis, Minn. Sleeping garment. 2,355,138; Aug. 8.

Bell, Millard R., Los Angeles, Calif., assignor to The B. F. Goodrich Company, New York, N. Y. Protective shield. 2,365,328; Dec. 19.

Bell, Noel G., London, England. Pile hammer. 2,346,894; Apr. 18.

Bell Punch Company Limited. (See Webb, Christopher F., assignor.)

Bell, Richmond T. (See Ayers, G. W., Jr., Agruss, and Bell.)

Bell, Richmond T., Deerfield, assignor to The Pure Oil Company, Chicago, Ill. Antiknock compound and motor fuel containing same. 2,352,760; July 4.

Bell, Richmond T., Deerfield, assignor to The Pure Oil Company, Chicago, Ill. High octane motor fuel and producing same. 2,354,646; Aug. 1.

Bell, Richmond T., Deerfield, assignor to The Pure Oil Company, Chicago, Ill. Stabilising carbonyl containing motor fuels. 2,365,377; Dec. 19.

Bell, Rupert B., assignor to King-Seeley Corporation, Ann Arbor, Mich. Windshield wiper mechanism. 2,354,189; July 25.

Bell, Stanley T., Washington, D. C. Shorthand text and practice book. 2,360,328; Oct. 17.

Bell Telephone Laboratories, Incorporated. (See Aamodt, Thoralf, assignor.)

Bell Telephone Laboratories, Incorporated. (See Abraham, Leonard G., assignor.)

Bell Telephone Laboratories, Incorporated. (See Affel, Herman A., assignor.)

Bell Telephone Laboratories, Incorporated. (See Albert, Walter P., assignor.)

Bell Telephone Laboratories, Incorporated. (See Alford, R. S., and Edson, assignors.)

Bell Telephone Laboratories, Incorporated. (See Anderson, Frithiof B., assignor.)

Bell Telephone Laboratories, Incorporated. (See Atkins, George E., assignor.)

Bell Telephone Laboratories, Incorporated. (See Bacon, Walter M., assignor.)

Bell Telephone Laboratories, Incorporated. (See Bacon, W. M., and Kinkead, assignors.)

Bell Telephone Laboratories, Incorporated. (See Bacon, Walter M., assignor.)

Bell Telephone Laboratories, Incorporated. (See Badgley, Robert H., assignor.)

Bell Telephone Laboratories, Incorporated. (See Bailey, Rand S., assignor.)

Bell Telephone Laboratories, Incorporated. (See Baker, William O., assignor.)

Bell Telephone Laboratories, Incorporated. (See Baldwin, Millard W., Jr., assignor.)

Bell Telephone Laboratories, Incorporated. (See Barber, Charles C., assignor.)

Bell Telephone Laboratories, Incorporated. (See Barney, Harold L., assignor.)

Bell Telephone Laboratories, Incorporated. (See Bascom, Henry M., assignor.)

Bell Telephone Laboratories, Incorporated. (See Bascom, H. M., and Hubbard, assignors.)

Bell Telephone Laboratories, Incorporated. (See Bascom, H. M., and Rhodes, assignors.)

Bell Telephone Laboratories, Incorporated. (See Baumfalk, John, assignor.)

Bell Telephone Laboratories, Incorporated. (See Beardsley, Harry L., assignor.)

Bell Telephone Laboratories, Incorporated. (See Becker, J. A., and Shive, assignors.)

Bell Telephone Laboratories, Incorporated. (See Benning, Harvey H., assignor.)

Bell Telephone Laboratories, Incorporated. (See Biggs, Burnard S., assignor.)

Bell Telephone Laboratories, Incorporated. (See Biggs, B. S., Morgan, and White, assignors.)

Bell Telephone Laboratories, Incorporated. (See Bishop, Walter M., assignor.)

Bell Telephone Laboratories, Incorporated. (See Black, Harold S., assignor.)

Bell Telephone Laboratories, Incorporated. (See Blount, Frank E., assignor.)

Bell Telephone Laboratories, Incorporated. (See Bode, Hendrik W., assignor.)

Bell Telephone Laboratories, Incorporated. (See Bond, Walter L., assignor.)

Bell Telephone Laboratories, Incorporated. (See Bonorden, A. R., Koos, Krecek, Large, and Marshall, assignors.)

Bell Telephone Laboratories, Incorporated. (See Bostwick, L. G., and King, assignors.)

Bell Telephone Laboratories, Incorporated. (See Botsford, Nelson, assignor.)

Bell Telephone Laboratories, Incorporated. (See Bouton, G. M., Phipps, and Schumacher, assignors.)

Bell Telephone Laboratories, Incorporated. (See Brooks, C. E., and (Flint, assignor).)

Bell Telephone Laboratories, Incorporated. (See Brown, John T. L., assignor.)

Bell Telephone Laboratories, Incorporated. (See Brown, Joshua R. C., Jr., assignor.)

Bell Telephone Laboratories, Incorporated. (See Bruce, E., and Mathes, assignors.)

Bell Telephone Laboratories, Incorporated. (See Bullington, Robert K., assignor.)

Bell Telephone Laboratories, Incorporated. (See Burgess, Montague S., assignor.)

Bell Telephone Laboratories, Incorporated. (See Busch, A. J., and Henry, assignors.)

Bell Telephone Laboratories, Incorporated. (See Busch, A. J., Henry, and Seibel, assignors.)

Bell Telephone Laboratories, Incorporated. (See Campbell, Mark E., assignor.)

Bell Telephone Laboratories, Incorporated. (See Cash, C., and Perkins, assignors.)

Bell Telephone Laboratories, Incorporated. (See Cesareo, Orfeo, assignor.)

Bell Telephone Laboratories, Incorporated. (See Chaffee, Joseph G., assignor.)

Bell Telephone Laboratories, Incorporated. (See Christensen, Carl J., assignor.)

Bell Telephone Laboratories, Incorporated. (See Christensen, Carl J. and H., assignors.)

Bell Telephone Laboratories, Incorporated. (See Clark, J. E., Domaleski, and Ronci, assignors.)

Bell Telephone Laboratories, Incorporated. (See Compton, Kenneth G., assignor.)

Bell Telephone Laboratories, Incorporated. (See Corso, Frank S., assignor.)

Bell Telephone Laboratories, Incorporated. (See Cousins, Van M., assignor.)

Bell Telephone Laboratories, Incorporated. (See Coyne, Howard L., assignor.)

Bell Telephone Laboratories, Incorporated. (See Cummings, George C., assignor.)

Bell Telephone Laboratories, Incorporated. (See Curran, Stanley T., assignor.)

Bell Telephone Laboratories, Incorporated. (See Curtis, Harold E., assignor.)

Bell Telephone Laboratories, Incorporated. (See Dahlbom, C. A., Kinkead, Locke, assignors.)

Bell Telephone Laboratories, Incorporated. (See Darlington, Sidney, assignor.)

Bell Telephone Laboratories, Incorporated. (See Davey, James R., assignor.)

Bell Telephone Laboratories, Incorporated. (See Davis, Kingsbury H., assignor.)

Bell Telephone Laboratories, Inc. (See Davis, R. C., and Matthies, assignors.)

Bell Telephone Laboratories, Incorporated. (See Dehn, Joseph W., assignor.)

Bell Telephone Laboratories, Incorporated. (See De Monte, R. W., and Milarta, assignors.)

Bell Telephone Laboratories, Incorporated. (See Depew Charles, assignor.)

Bell Telephone Laboratories, Incorporated. (See Depp, Wallace A., assignor.)

Bell Telephone Laboratories, Incorporated. (See Dickten, Emil, Jr., assignor.)

Bell Telephone Laboratories, Incorporated. (See Doba, Stephen, Jr., assignor.)

Bell Telephone Laboratories, Incorporated. (See Dowey, T. L., and Lovell, assignors.)

Bell Telephone Laboratories, Incorporated. (See Downing, H. L., and West, assignors.)

Bell Telephone Laboratories, Incorporated. (See Dubuar, Arthur S., assignor.)

Bell Telephone Laboratories, Incorporated. (See Dudley, Homer W., assignor.)

Bell Telephone Laboratories, Incorporated. (See Duhnkrack, George H., assignor.)

Bell Telephone Laboratories, Incorporated. (See Dunlap, K. S., and Lovell, assignors.)

Bell Telephone Laboratories, Incorporated. (See Edson, James O., assignor.)

Bell Telephone Laboratories, Incorporated. (See Edson, William A., assignor.)

Bell Telephone Laboratories, Incorporated. (See Edwards, Paul G., assignor.)

Bell Telephone Laboratories, Incorporated. (See Edwards, William H., assignor.)

Bell Telephone Laboratories, Incorporated. (See Ehrhardt, Robert A., assignor.)

Bell Telephone Laboratories, Incorporated. (See Ellis, W. C., and Souden, assignors.)

Bell Telephone Laboratories, Incorporated. (See Entz, Ferdinand S., assignor.)

Bell Telephone Laboratories, Incorporated. (See Ferguson, Lawrence, assignor.)

Bell Telephone Laboratories, Incorporated. (See Ferrell, Enoch B., assignor.)

Bell Telephone Laboratories, Incorporated. (See Field, Joseph C., assignor.)

Bell Telephone Laboratories, Incorporated. (See Finch, O. J., and White, assignors.)

Bell Telephone Laboratories, Incorporated. (See Frosch, Carl J., assignor.)

Bell Telephone Laboratories, Incorporated. (See Fuller, Calvin S., assignor.)

Bell Telephone Laboratories, Incorporated. (See Fuller, C. S., and Kemp, assignors.)

Bell Telephone Laboratories, Incorporated. (See Gent, Edgar W., assignor.)

Bell Telephone Laboratories, Incorporated. (See Gilman, George W., assignor.)

Bell Telephone Laboratories, Incorporated. (See Given, Frederick J., assignor.)

Bell Telephone Laboratories, Incorporated. (See Glass, Myron S., assignor.)

Bell Telephone Laboratories, Incorporated. (See Goddard, Myron C., assignor.)

Bell Telephone Laboratories, Incorporated. (See Goff, Harold W., assignor.)

Bell Telephone Laboratories, Incorporated. (See Goff, H. W., Moore, and Walter, assignors.)

Bell Telephone Laboratories, Incorporated. (See Goodrum, C. L., Hinrichsen, and Keller, assignors.)

Bell Telephone Laboratories, Incorporated. (See Gould, King E., assignor.)

Bell Telephone Laboratories, Incorporated. (See Graham, Robert E., assignor.)

Bell Telephone Laboratories, Incorporated. (See Gray, Frank, assignor.)

Bell Telephone Laboratories, Incorporated. (See Green, Charles B., assignor.)

Bell Telephone Laboratories, Incorporated. (See Green, Estill I., assignor.)

Bell Telephone Laboratories, Incorporated. (See Griese, Frank C., assignor.)

Bell Telephone Laboratories, Incorporated. (See Gumley, Robert H., assignor.)

Bell Telephone Laboratories, Incorporated. (See Hale, Stuart G., assignor.)

Bell Telephone Laboratories, Incorporated. (See Halbrook, Warwick W., assignor.)

Bell Telephone Laboratories, Incorporated. (See Halbrook, W. W., and Kelsay, assignors.)

Bell Telephone Laboratories, Incorporated. (See Hall, Nathan I., assignor.)

Bell Telephone Laboratories, Incorporated. (See Hampton, Leon N., assignor.)

Bell Telephone Laboratories, Incorporated. (See Hanscom, Clarence D., assignor.)

Bell Telephone Laboratories, Incorporated. (See Harley, Joseph J., assignor.)

Bell Telephone Laboratories, Incorporated. (See Harrison, Henry C., assignor.)

Bell Telephone Laboratories, Incorporated. (See Hartley, Ralph V. L., assignor.)

Bell Telephone Laboratories, Incorporated. (See Hays, J. B., and Shuhart, assignors.)

Bell Telephone Laboratories, Incorporated. (See Hearn, Richard B., assignor.)

Bell Telephone Laboratories, Incorporated. (See Hecht, George, assignor.)

Bell Telephone Laboratories, Incorporated. (See Hersey, Ralph E., assignor.)

Bell Telephone Laboratories, Incorporated. (See Hibbard, Frank H., assignor.)

Bell Telephone Laboratories, Inc. (See Hickman, Clarence N., assignor.)

Bell Telephone Laboratories, Incorporated. (See Hickman, C. N., and Mallina, assignors.)

Bell Telephone Laboratories, Incorporated. (See Hight, Stuart C., assignor.)

Bell Telephone Laboratories, Incorporated. (See Holbrook, Bernard D., assignor.)

Bell Telephone Laboratories, Incorporated. (See Holdaway, V. L., Thurber, and Wooten, assignors.)
Bell Telephone Laboratories, Incorporated. (See Holden, William H. T., assignor.)
Bell Telephone Laboratories, Incorporated. See Horton, Arthur W., Jr., assignor.)
Bell Telephone Laboratories, Incorporated. (See Hoyt, Leon G., assignor.)
Bell Telephone Laboratories, Incorporated. (See Hubbard, Francis A., assignor.)
Bell Telephone Laboratories, Incorporated. (See Hubbard, F. A., Matthies, and Myers, assignors.)
Bell Telephone Laboratories, Incorporated. (See Hussey, Luther W., assignor.)
Bell Telephone Laboratories, Incorporated. (See Irwin, John C., assignor.)
Bell Telephone Laboratories, Incorporated. (See Jacobs, Oliver B., assignor.)
Bell Telephone Laboratories, Incorporated. (See Joel, Amos E., Jr., assignor.)
Bell Telephone Laboratories, Incorporated. (See Johnson, Kenneth S., assignor.)
Bell Telephone Laboratories, Incorporated. (See Jones, Edward H., assignor.)
Bell Telephone Laboratories, Incorporated. (See Jones, R. C., O'Neil, and Wente, assignors.)
Bell Telephone Laboratories, Incorporated. (See Kater, Joseph A., assignor.)
Bell Telephone Laboratories, Incorporated. (See Keller, Arthur C., assignor.)
Bell Telephone Laboratories, Incorporated. (See Kent, Robert J., assignor.)
Bell Telephone Laboratories, Incorporated. (See King, Douglas H., assignor.)
Bell Telephone Laboratories, Incorporated. (See King, G. W., and Myers, assignors.)
Bell Telephone Laboratories, Incorporated. (See King, R. E., and Miller, assignors.)
Bell Telephone Laboratories, Incorporated. (See Kingsley, Charles C., assignor.)
Bell Telephone Laboratories, Incorporated. (See Kinkead, Fullerton S., assignor.)
Bell Telephone Laboratories, Incorporated. (See Kinkead, F. S., Kreeck, and Young, assignors.)
Bell Telephone Laboratories, Incorporated. (See Kinkead, F. S., and Lucek, assignors.)
Bell Telephone Laboratories, Incorporated. (See Kinsley Thomas G., assignor.)
Bell Telephone Laboratories, Incorporated. (See Kleinfelder, Walter C., assignor.)
Bell Telephone Laboratories, Incorporated. (See Knoop, William A., assignor.)
Bell Telephone Laboratories, Incorporated. (See Korn, Franklin A., assignor.)
Bell Telephone Laboratories, Incorporated. (See Kreer, J. G., Jr., and Mallinckrodt, assignors.)
Bell Telephone Laboratories, Incorporated. (See Kunts, Frank A., assignor.)
Bell Telephone Laboratories, Incorporated. (See Lane, Clarence E., assignor.)
Bell Telephone Laboratories, Incorporated. (See Lang, Wilmarth Y., assignor.)
Bell Telephone Laboratories, Incorporated. (See Lang, W. Y., and Singer, assignors.)
Bell Telephone Laboratories, Incorporated. (See Langabeer, Harvey T., assignor.)
Bell Telephone Laboratories, Incorporated. (See Large, Wayne Y. K., assignor.)
Bell Telephone Laboratories, Incorporated. (See Large, W. V. K., Lucek, and Marshall, assignors.)
Bell Telephone Laboratories, Incorporated. (See Lewis, R. F., and Malthaner, assignors.)
Bell Telephone Laboratories, Incorporated. (See Little, J. R., and Ronci, assignors.)
Bell Telephone Laboratories, Incorporated. (See Lovell, George H., assignor.)
Bell Telephone Laboratories, Incorporated. (See Lucek, Charles W., assignor.)
Bell Telephone Laboratories, Incorporated. (See Lundstrom, Alexis A., assignor.)
Bell Telephone Laboratories, Incorporated. (See Maggio, John B., assignor.)
Bell Telephone Laboratories, Incorporated. (See Mahoney, John J., Jr., assignor.)
Bell Telephone Laboratories, Incorporated. (See Mallina, Rudolph F., assignor.)
Bell Telephone Laboratories, Incorporated. (See Marshall, Pela A., assignor.)
Bell Telephone Laboratories, Incorporated. (See Martin, William H., assignor.)
Bell Telephone Laboratories, Incorporated. (See Mason, Warren P., assignor.)
Bell Telephone Laboratories, Incorporated. (See McDavitt, Marcellus R., assignor.)
Bell Telephone Laboratories, Incorporated. (See McKim, Burton, assignor.)
Bell Telephone Laboratories, Incorporated. (See McKim, James B., assignor.)
Bell Telephone Laboratories, Incorporated. (See McLean, David A., assignor.)
Bell Telephone Laboratories, Incorporated. (See McRae, James W., assignor.)
Bell Telephone Laboratories, Incorporated. (See Melick, John M., assignor.)
Bell Telephone Laboratories, Incorporated. (See Mesch, Orwar S. A., assignor.)
Bell Telephone Laboratories, Incorporated. (See Mesch, O. S. A., and Pritchard, assignors.)
Bell Telephone Laboratories, Incorporated. (See Meyers, Stanley T., assignor.)
Bell Telephone Laboratories, Incorporated. (See Miller, Charles G., assignor.)
Bell Telephone Laboratories, Incorporated. (See Mohr, Milton E., assignor.)
Bell Telephone Laboratories, Incorporated. (See Morrison, John F., assignor.)
Bell Telephone Laboratories, Incorporated. (See Morrison, Laurence W., Jr., assignor.)
Bell Telephone Laboratories, Incorporated. (See Mott, Edward E., assignor.)
Bell Telephone Laboratories, Incorporated. (See Murphy, Paul B., assignor.)
Bell Telephone Laboratories, Incorporated. (See Myers, Oscar, assignor.)
Bell Telephone Laboratories, Incorporated. (See Newby, Neal D., assignor.)
Bell Telephone Laboratories, Incorporated. (See Norwine, Andrew C., assignor.)
Bell Telephone Laboratories, Incorporated. (See Nylund, Harry W., assignor.)
Bell Telephone Laboratories, Incorporated. (See Nyquist, Harry, assignor.)
Bell Telephone Laboratories, Incorporated. (See Owens, Emmett L., assignor.)
Bell Telephone Laboratories, Incorporated. (See Parker, Carlyle V., assignor.)
Bell Telephone Laboratories, Incorporated. (See Parkinson, David B., assignor.)
Bell Telephone Laboratories, Incorporated. (See Pearson, Gerald L., assignor.)
Bell Telephone Laboratories, Incorporated. (See Pfleger, Kenneth W., assignor.)
Bell Telephone Laboratories, Incorporated. (See Phelps, Walter A., assignor.)
Bell Telephone Laboratories, Incorporated. (See Plotner, Loyd D., assignor.)
Bell Telephone Laboratories, Incorporated. (See Polk, Robert E., assignor.)
Bell Telephone Laboratories, Incorporated. (See Porter, Leslie F., assignor.)
Bell Telephone Laboratories, Incorporated. (See Potter, James A., assignor.)
Bell Telephone Laboratories, Incorporated. (See Priessman, Neil Y., assignor.)
Bell Telephone Laboratories, Incorporated. (See Rasmussen, Oswald E., assignor.)
Bell Telephone Laboratories, Incorporated. (See Richard, Charles D., assignor.)
Bell Telephone Laboratories, Incorporated. (See Richardson, Paul H., assignor.)
Bell Telephone Laboratories, Incorporated. (See Ruhly, H. C., and Young, assignors.)
Bell Telephone Laboratories, Incorporated. (See Rumpel, Carl H., assignor.)
Bell Telephone Laboratories, Incorporated. (See Schmied, James W., assignor.)
Bell Telephone Laboratories, Incorporated. (See Seibel, Charles F., assignor.)
Bell Telephone Laboratories, Incorporated. (See Shackleton, Samuel P., assignor.)
Bell Telephone Laboratories, Incorporated. (See Shann, Oscar A., assignor.)
Bell Telephone Laboratories, Incorporated. (See Shepherd, William G., assignor.)
Bell Telephone Laboratories, Incorporated. (See Slonczewski, Thaddeus, assignor.)
Bell Telephone Laboratories, Incorporated. (See Smith, Kenneth D., assignor.)
Bell Telephone Laboratories, Incorporated. (See Soffel, Robert O., assignor.)
Bell Telephone Laboratories, Incorporated. (See Stibitz, George R., assignor.)
Bell Telephone Laboratories, Incorporated. (See Stryker, Norman R., assignor.)
Bell Telephone Laboratories, Incorporated. (See Sweeney, Burdette S., assignor.)
Bell Telephone Laboratories, Incorporated. (See Teal, Gordon K., assignor.)
Bell Telephone Laboratories, Incorporated. (See Thurber, Elmer A., assignor.)
Bell Telephone Laboratories, Incorporated. (See Thurber, E. A., and Wooten, assignors.)
Bell Telephone Laboratories, Incorporated. (See Trucksess, David E., assignor.)
Bell Telephone Laboratories, Incorporated. (See Van Damme, Louis E., assignor.)
Bell Telephone Laboratories, Incorporated. (See Van Inwagen, Charles L., Jr., assignor.)
Bell Telephone Laboratories, Incorporated. (See Vaughan, Henry E., assignor.)
Bell Telephone Laboratories, Incorporated. (See Vieth, Leonard, assignor.)
Bell Telephone Laboratories, Incorporated. (See Vois, Arthur H., assignor.)
Bell Telephone Laboratories, Incorporated. (See Vroom, Edward, assignor.)
Bell Telephone Laboratories, Incorporated. (See Wadsworth, Paul W., assignor.)

Bell Telephone Laboratories, Incorporated. (See Wagensell, William O., assignor.)
Bell Telephone Laboratories, Incorporated. (See Walsh, John G., assignor.)
Bell Telephone Laboratories, Incorporated. (See Watson, Edward F., assignor.)
Bell Telephone Laboratories, Incorporated. (See West, John W., assignor.)
Bell Telephone Laboratories, Incorporated. (See Wiese, Floyd M., assignor.)
Bell Telephone Laboratories, Incorporated. (See Wilkerson, Jefferson R., assignor.)
Bell Telephone Laboratories, Incorporated. (See Willard Gerald W., assignor.)
Bell Telephone Laboratories, Incorporated. (See Wilson, Leon T., assignor.)
Bell Telephone Laboratories, Incorporated. (See Wise, Raymond O., assignor.)
Bell Telephone Laboratories, Incorporated. (See Wooten, Leland A., assignor.)
Bell Telephone Laboratories, Incorporated. (See Wright, Edgar E., assignor.)
Bell Telephone Laboratories, Incorporated. (See Wright, Sumner B., assignor.)
Bell Telephone Laboratories, Incorporated. (See Yenser, George R., assignor.)
Bell Telephone Laboratories, Incorporated. (See Zinn, Manvel K., assignor.)
Bell Telephone Laboratories, Incorporated. (See Zupa, Frank A., assignor.)
Bell, William D., Columbus, assignor to Anchor Hocking Glass Corporation, Lancaster, Ohio. Apparatus for filling and sealing containers. 2,341,498; Feb. 8.
Bell, William D., Columbus, assignor to Anchor Hocking Glass Corporation, Lancaster, Ohio. Apparatus for sealing containers. 2,352,761; July 4.
Bell, William D., Columbus, assignor to Anchor Hocking Glass Corporation, Lancaster, Ohio. Apparatus for sealing containers. 2,352,762; July 4.
Bell, William D., Columbus, assignor to Anchor Hocking Glass Corporation, Lancaster, Ohio. Apparatus for sealing containers. 2,352,763; July 4.
Bell, William D., Columbus, assignor to Anchor Hocking Glass Corporation, Lancaster, Ohio. Cap-feeding apparatus. 2,352,764; July 4.
Bell, William D., Columbus, assignor to Anchor Hocking Glass Corporation, Lancaster, Ohio. Cap-feeding apparatus. 2,361,364; Oct. 31.
Bell, William D., Columbus, assignor to Anchor Hocking Glass Corporation, Lancaster, Ohio. Method and apparatus for sealing containers. 2,361,365; Oct. 31.
Bell, William D., Columbus, assignor to Anchor Hocking Glass Corporation, Lancaster, Ohio. Apparatus for sealing containers. 2,361,366; Oct. 31.
Bellamy, Harry T. (See Martin, R., and Bellamy.)
Bellamy, John I., Brookfield, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Automatic telephone switch and system. 2,354,660; Aug. 1.
Bellamy, John I., Brookfield, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Lockout telephone line circuit. 2,355,139; Aug. 8.
Bellaxini, Joseph A., Chicago, Ill. Rotary motor. 2,343,948; Mar. 14.
Bell, John, Clifton, assignor to Botany Worsted Mills, Passaic, N. J. Wool feeding apparatus. 2,348,691; May 9.
Bellinger, Arthur J. (See Sigler, Erasmus J., assignor.)
Bellinger, Franklin S., Detroit, Mich. Radius dresser for grinding wheels. 2,343,949; Mar. 14.
Bellows, Foy E., Van Alstyne, Tex. Centrifugal electric casting and molding machine. 2,348,322; May 9.
Bellows, Guy, Jr., and E. F. Weiser, Erie, Pa., assignors to General Electric Company. Circuit controller. 2,341,896; Feb. 15.
Bellrose, Norman G., Long Beach, Calif. Cutting torch holder. 2,356,811; Aug. 29.
Belluche, Frank R., assignor to The Christensen Machine Company, Racine, Wis. Printing press. 2,355,046; Aug. 8.
Belluche, Frank R., assignor to The Christensen Machine Company, Racine, Wis. Sheet delivery mechanism. 2,355,697; Aug. 15.
Belmont Radio Corporation. (See Marholz, Richard C., assignor.)
Belmont Radio Corporation. (See Plensler, Alexander W., assignor.)
Beloit Iron Works. (See Berry, Earl E., assignor.)
Beloit Iron Works. (See Berry, E. E., and Hornbostel, assignors.)
Beloit Iron Works. (See Goodwillie, J. E., and Berry, assignors.)
Beloit Iron Works. (See Hornbostel, Lloyd, assignor.)
Belokopytoff, Alexander J., New York, assignor to P. N. Robins, Scarsdale, N. Y. Machine for dyeing textile fabrics. 2,352,882; July 4.
Belond, Leon G., Colfax, Calif. Device to serve paper sales tax slips. 2,361,528; Oct. 31.
Belsinger, Inc. (See Belsinger, Jack R., assignor.)
Belsinger, Jack R., assignor to Belsinger, Inc., Atlanta, Ga. Shipping container. 2,346,466; Apr. 11.
Beltz, John S., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Drilling machine. 2,353,006; July 4.
Beltz, John S., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Mining machine. 2,357,724; Sept. 5.
Belveal, Robert F., Denver, Colo., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Gauging machine. 2,364,185; Dec. 5.
Bemis Bro. Bag Co. (See Belcher, D., and Linda, assignors.)
Bemis Bro. Bag Co. (See Belcher, D., Munson, and Kindseth, assignors.)
Bemis Bro. Bag Company. (See Stohlman, W. D., and Ashton, assignors.)
Bemis Bro. Bag Company. (See Weeks, Arnold N., assignor.)
Benander, George B., Oaklawn, R. I., assignor to Monowatt Electric Corporation. Wiring device. 2,362,794; Nov. 14.
Benbow, Faye F., East Gary, Ind. Furniture. 2,359,284; Oct. 3.
Benbrook, Charles H. (See Kienle, R. H., Park, Benbrook, and Grieb.)
Bencal, John, Chicago, Ill. Incendiary bomb. 2,342,112; Feb. 22.
Bench, David E. (See Wintermute, G. J., and Bench.)
Bench, David E., Dayton, Ohio, assignor to The Hydraulic Development Corporation, Inc., Wilmington, Del. Press leveling means. 2,343,167; Feb. 29.
Bench, David E., and M. A. Crosby, assignors to The Dayton Pump and Manufacturing Company, Dayton, Ohio. Dispensing pump computer. 2,365,329; Dec. 19.
Benckenstein, Charles H., Vinton, La. Increasing permeability of sands and strata. 2,354,570; July 25.
Benckenstein, George W., Jr. (See Howard, D. K., Benckenstein, and Porter.)
Bencowitz, Isaac, Newgulf, assignor to Texas Gulf Sulphur Company, Houston, Tex. Sulphur product and producing same. 2,343,860; Mar. 14.
Bendar, Arthur Z., Round Lake, Ill., assignor, by mesne assignments, to L. C. Rogers, Niles, Mich. Cleaning device. 2,357,446; Sept. 5.
Bender, John, Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Connector clip. 2,353,286; July 11.
Bender, Lloyd F. (See Schmitt, J. A., and Bender.)
Bender, Lloyd F., assignor to The Universal Milking Machine Company, Waukesha, Wis. Teat cup inflation. 2,340,295; Feb. 1.
Bender, Lloyd F., assignor to The Universal Milking Machine Company, Waukesha, Wis. Teat cup inflation. 2,340,296; Feb. 1.
Bender, Robert W., assignor to Waxide Paper Company, Kansas City, Mo. Apparatus for controlling the coating of paper. 2,365,621; Dec. 19.
Bender, Sydney E., assignor to T. Shandal, Brooklyn, N. Y. Record holder. 2,345,230; Mar. 28.
Bendix Aviation Corporation. (See Alexanderson, Howard, assignor.)
Bendix Aviation Corporation. (See Ayers, Donald J., assignor.)
Bendix Aviation Corporation. (See Bailey, Richard S., assignor.)
Bendix Aviation Corporation. (See Barnes, Orland M., assignor.)
Bendix Aviation Corporation. (See Bechberger, Paul F., assignor.)
Bendix Aviation Corporation. (See Blake, Kenneth R., assignor.)
Bendix Aviation Corporation. (See Blanchard, Arthur D., assignor.)
Bendix Aviation Corporation. (See Bogue, Leonard E., assignor.)
Bendix Aviation Corporation. (See Bremser, Albert T., assignor.)
Bendix Aviation Corporation. (See Briechle, A., Hurley, and Merritt, assignors.)
Bendix Aviation Corporation. (See Burnett, Richard T., assignor.)
Bendix Aviation Corporation. (See Buxton, James E., assignor.)
Bendix Aviation Corporation. (See Chappell, Ralph R., assignor.)
Bendix Aviation Corporation. (See Chappell, R. R., and Colt, assignors.)
Bendix Aviation Corporation. (See Cox, Parker G., assignor.)
Bendix Aviation Corporation. (See Du Bois, William H., assignor.)
Bendix Aviation Corporation. (See Eltgroth, George V., assignor.)
Bendix Aviation Corporation. (See Estey, Charles G., assignor.)
Bendix Aviation Corporation. (See Frank, Frederick C., assignor.)
Bendix Aviation Corporation. (See Frazier, Radford K., assignor.)
Bendix Aviation Corporation. (See Gallup, D. L., and Mathieson, assignors.)
Bendix Aviation Corporation. (See Goepfrich, Rudolph A., assignor.)
Bendix Aviation Corporation. (See Gregg, David, assignor.)
Bendix Aviation Corporation. (See Hermansen, Henry V., assignor.)

Bendix Aviation Corporation. (See Hood, E. Elliott, assignor.)
Bendix Aviation Corporation. (See Houseman, Melvin R., assignor.)
Bendix Aviation Corporation. (See Humphrey, William J., assignor.)
Bendix Aviation Corporation. (See Hyland, Lawrence A., assignor.)
Bendix Aviation Corporation. (See Jandasek, Joseph, assignor.)
Bendix Aviation Corporation. (See Janes, Clinton S., assignor.)
Bendix Aviation Corporation. (See Jones, Burr W., assignor.)
Bendix Aviation Corporation. (See Joseph, Francis M., assignor.)
Bendix Aviation Corporation. (See Karey, Romuald, assignor.)
Bendix Aviation Corporation. (See Kearney, Daniel P., assignor.)
Bendix Aviation Corporation. (See Kimball, Vernon R., assignor.)
Bendix Aviation Corporation. (See Kucher, Andrew A., assignor.)
Bendix Aviation Corporation. (See Kurzina, Stanley B., Jr., assignor.)
Bendix Aviation Corporation. (See Laird, John A., assignor.)
Bendix Aviation Corporation. (See Lamoreaux, Andrew B., assignor.)
Bendix Aviation Corporation. (See Lehman, Samuel K., assignor.)
Bendix Aviation Corporation. (See MacBlane, James, assignor.)
Bendix Aviation Corporation. (See MacNeil, Charles L., assignor.)
Bendix Aviation Corporation. (See Mock, F. C., and Wirth, assignors.)
Bendix Aviation Corporation. (See Nardone, Romeo M., assignor.)
Bendix Aviation Corporation. (See Neuner, Martin, assignor.)
Bendix Aviation Corporation. (See Noxon, Paul A., assignor.)
Bendix Aviation Corporation. (See Oliver, Wilbur C., 2nd, assignor.)
Bendix Aviation Corporation. (See Pontius, George W., III, assignor.)
Bendix Aviation Corporation. (See Pontius, G. W., III, and Handy, assignors.)
Bendix Aviation Corporation. (See Price, Earl R., assignor.)
Bendix Aviation Corporation. (See Reichel, Wladimir A., assignor.)
Bendix Aviation Corporation. (See Roberts, Jean M., assignor.)
Bendix Aviation Corporation. (See Rylsky, Gregory V., assignor.)
Bendix Aviation Corporation. (See Shaff, Ernest H., assignor.)
Bendix Aviation Corporation. (See Sidwell, Alfred S., assignor.)
Bendix Aviation Corporation. (See Smith, Stuyvesant C., assignor.)
Bendix Aviation Corporation. (See Stuart, Alfred A., Jr., assignor.)
Bendix Aviation Corporation. (See Sturges, Edward B., assignor.)
Bendix Aviation Corporation. (See Taylor, Cecil H., assignor.)
Bendix Aviation Corporation. (See Taylor, R. G., and Honeywell, assignors.)
Bendix Aviation Corporation. (See Thieme, George B., assignor.)
Bendix Aviation Corporation. (See Tognola, Tullio, assignor.)
Bendix Aviation Corporation. (See Trautman, Walter C., assignor.)
Bendix Aviation Corporation. (See White, John W., assignor.)
Bendix Aviation Corporation. (See White, J. W., and Harrison, assignors.)
Bendix Aviation Corporation. (See Wirth, E. O., and Lum, assignors.)
Bendix Aviation Corporation. (See Zwack, Raymond T., assignor.)
Bendix Aviation, Ltd. (See Brown, David H., assignor.)
Bendix Aviation, Ltd. (See White, John W., assignor.)
Bendix Home Appliances, Inc. (See Bowen, Myron W., assignor.)
Bendix Home Appliances, Inc. (See Schulz, Arthur P., assignor.)
Bendix Products Corporation. (See Mock, Frank C., assignor.)
Bendix Products Corporation. (See Shaff, Ernest H., assignor.)
Bendix, Vincent, South Bend, Ind., assignor, by mesne assignments, to Langley Aviation Corporation, New York, N. Y. Portable veneer press. 2,363,933; Nov. 28.
Bendix-Westinghouse Automotive Air Brake Company. (See Andres, William J., assignor.)
Bendix-Westinghouse Automotive Air Brake Company. (See Andres, W. J., and Sanford, assignors.)
Bendix-Westinghouse Automotive Air Brake Company. (See Casler, Roger H., assignor.)
Bendix-Westinghouse Automotive Air Brake Company. (See Casler, R. H., and Vorech, assignors.)
Bendix-Westinghouse Automotive Air Brake Company. (See Eaton, Wilfred A., assignor.)
Bendix-Westinghouse Automotive Air Brake Company. (See Fowler, Elbert, assignor.)
Bendix-Westinghouse Automotive Air Brake Company. (See Leukhardt, Arthur R., assignor.)
Bendix-Westinghouse Automotive Air Brake Company. (See Sanford, Roy S., assignor.)
Bendix-Westinghouse Automotive Air Brake Company. (See Vorech, Stephen, assignor.)
Benedict, Donald B., South Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Recovery of vinyl acetate from solvent mixtures. 2,349,807; May 30.
Benedict, Donald B., South Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Recovery of vinyl acetate from solvent mixtures. 2,350,087; May 30.
Benedict, Wayne L. (See Mattox, W. J., and Benedict.)
Benedict, Wayne L., assignor to Universal Oil Products Company, Chicago, Ill. Hydrocarbon conversion process. 2,362,795; Nov. 14.
Benedict, William S. (See Tryon, S., and Benedict.)
Benes, Gaspar P., Euclid, Ohio, assignor to Addressograph-Multigraph Corporation, Wilmington, Del. Forging apparatus. 2,365,857; Dec. 26.
Benesh, Matthew E., Chicago, assignor to Chicago By-Products Corporation, Chicago, Ill. Detecting and measuring leakage in gas lines. 2,353,287; July 11.
Benford, James R., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Microscope illuminating device. 2,351,736; June 20.
Benford, James R., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Microscope illuminator. 2,357,378; Sept. 5.
Benger, Ernest R., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Finishing of polyamide fabrics. 2,365,931; Dec. 26.
Benger, William F. A., Montreal, Quebec, Canada. Water column. 2,349,808; May 30.
Benger's Limited. (See Thornley, B. D., and Hilton, assignors.)
Bengert, Nicholas, New Orleans, La. Ladder attachment. 2,360,640; Oct. 17.
Benham, Emmett D. (See Rosenleaf, J. R., and Benham.)
Benioff, Hugo, La Canada, Calif., assignor to Submarine Signal Company, Boston, Mass. Electrodynamic vibrator. 2,346,655; Apr. 18.
Benito y de la Rosa, M. and D. Clavijo y Garcia, Habana, Cuba. Resilient wheel for vehicles. 2,350,980; June 13.
Benjamin, Bert R., Oak Park, Ill., assignor to International Harvester Company. Tractor-mounted implement. 2,351,473; June 13.
Benjamin, Bert R., Oak Park, Ill., assignor to International Harvester Company. Tractor-mounted implement. 2,358,298; Sept. 19.
Benjamin, Clarence F., Devon, Conn. Portable hammock. 2,347,656; May 2.
Benjamin, Clarence F., Devon, Conn. Folding chair. 2,355,617; Aug. 15.
Benjamin, Claude A. (See Jacob, Smith A., assignor.)
Benjamin Electric Mfg. Company. (See Church, Eric H., assignor.)
Benjamin Foster Company. (See Vose, Edwin W., assignor.)
Benjamin, George W., Birmingham, Ala., assignor to Continental Gin Company. Chain holst. 2,340,409; Feb. 1.
Benjamin, Harry S., Poughkeepsie, N. Y. Free service coin-controlled machine. 2,364,939; Dec. 12.
Benjamin, Milton L., Cleveland, and F. E. Winnen, Elyria, Ohio; said Winnen assignor to said Benjamin. Precision chuck. 2,358,299; Sept. 19.
Benjamin, Milton L., Cleveland, and C. E. Drew, Willoughby-on-the-Lake, Ohio; said Drew assignor to said Benjamin. Precision chuck. 2,358,300; Sept. 19.
Benjamin, Sidney H., Milwaukee, Wis. Nonrefillable container. 2,344,961; Mar. 28.
Benjamin, Sidney H., Milwaukee, Wis. Unitary blade magazine and blade magazine holder. 2,344,962; Mar. 28.
Benjamin, Sidney H., Milwaukee, Wis. Safety blade magazine. 2,346,144; Apr. 11.
Benjamin, Sidney H., Milwaukee, Wis. Safety blade magazine holder. 2,347,237; Apr. 25.
Benjamin, Sidney H., Milwaukee, Wis. Razor blade magazine. 2,353,141; July 11.
Benjamin, Walter E., assignor to Pierce Governor Company, Anderson, Ind. Governor spring structure. 2,356,202; Aug. 22.
Benjamins, Israel, Brooklyn, N. Y. Aircraft. 2,359,264; Sept. 26.
Benkert, Hanns. (See Pfaff, Peter, and Benkert.)
Benkert, Louis M., assignor to Progressive Welder Company, Detroit, Mich. Welding apparatus. 2,354,190; July 25.
Benn, Walter E., assignor to Hydraulic Brake Company, Detroit, Mich. Brake. 2,350,868; June 6.

Benner, Arnold R., Louise, Tex. Floor jack. 2,338,278; Jan. 4.
Benner, Dale A., Alton, Ill. Punch. 2,357,306; Sept. 5.
Benner, Raymond C. (See Baumann, H. N., Jr., and Benner.)
Benner, Raymond C. (See Melton, R. L., and Benner.)
Benner, Raymond C. (See Melton, R. L., Kirchner, and Benner.)
Benner, Raymond C., and F. A. Upper, assignors to The Carborundum Company, Niagara Falls, N. Y. Abrasive and making same. 2,347,537; Apr. 25.
Benner, Raymond C., and W. G. Soley, assignors to The Carborundum Company, Niagara Falls, N. Y. Abrasive articles. 2,352,246; June 27.
Benner, Raymond C., and W. G. Soley, assignors to The Carborundum Company, Niagara Falls, N. Y. Forming metal carbides. 2,364,123; Dec. 5.
Bennett, Alva H., Kenmore, assignor to Spencer Lens Company, Buffalo, N. Y. Lens system. 2,363,770; Nov. 28.
Bennett, Alva H., Kenmore, and R. S. Estey, Buffalo, N. Y., assignors to American Optical Company, Southbridge, Mass. Optical instrument and making same. 2,344,002; Apr. 4.
Bennett, Alva H., Kenmore, R. S. Estey, Buffalo, N. Y., and H. H. Styll, assignors to American Optical Company, Southbridge, Mass. Lens and making same. 2,360,641; Oct. 17.
Bennett, Alva H., Kenmore, R. S. Estey, Buffalo, N. Y., and H. H. Styll, assignors to American Optical Company, Southbridge, Mass. Lens. 2,361,589; Oct. 31.
Bennett, Arthur F., West Barrington, R. I., assignor to Brown and Sharpe Manufacturing Company. Driving and control mechanism for milling and similar machines. 2,351,736; June 20.
Bennett, Benjamin J., Leicester, England. Moistening pieces of paper and like material. 2,342,524; Feb. 22.
Bennett, Charles E., Ridgewood, assignor to The Okonite Company, Passaic, N. J. Electric cable. 2,344,501; Mar. 21.
Bennett, Charles E., Ridgewood, assignor to The Okonite-Callender Cable Company, Incorporated, Paterson, N. J. Pothead or terminal for electric cable systems. 2,354,191; July 25.
Bennett, Claude C., South Bend, Ind. Reaction testing mechanism. 2,353,213; July 11.
Bennett, Dale L., assignor to International Harvester Company, Chicago, Ill. Filter. 2,362,530; Nov. 14.
Bennett, Dale L., Riverside, and A. J. McAllister, assignors to United Specialties Company, Chicago, Ill. Dust separator. 2,342,447; Feb. 22.
Bennett, Earnest L., assignor to J. I. Holcomb Manufacturing Company, Indianapolis, Ind. Dusting mop. 2,347,169; Apr. 25.
Bennett, Edward, Madison, assignor to A. O. Smith Corporation, Milwaukee, Wis. Induction furnace. 2,359,285; Oct. 3.
Bennett, Edwin O., assignor to Continental Oil Company, Ponca City, Okla. Apparatus for welding pipe sections. 2,344,939; Mar. 28.
Bennett, Elspeth, Syracuse, N. Y. Educational device for demonstrating nutritional food and food ingredient comparisons. 2,356,561; Aug. 22.
Bennett, Eugene G., assignor to The Champion Paper and Fibre Company, Hamilton, Ohio. Making coated paper. 2,364,505; Dec. 5.
Bennett, Geoffrey R., assignor to Toledo Scale Company, Toledo, Ohio. Weighing scale. 2,350,321; June 6.
Bennett, Harry, Woodmere, N. Y. Flameproofing. 2,357,725; Sept. 5.
Bennett Incorporated. (See Kumler, R. W., and Sinclair, assignors.)
Bennett Incorporated. (See Porter, Rotheous B., Jr., assignor.)
Bennett, James A. J., Esher, Surrey, England, assignor, by mesne assignments, to Autogiro Company of America. Helicopter and gyroplane. 2,344,967; Mar. 28.
Bennett, John C. (See Barnhart, R. M., Bennett, and Heinmiller.)
Bennett, Joseph A., assignor to Lynch Corporation, Anderson, Ind. Nonlinear modulating system. 2,355,047; Aug. 8.
Bennett, Joseph S., Merion, assignor to American Engineering Company, Philadelphia, Pa. Stoker. 2,338,311; Jan. 4.
Bennett, Joseph S., Merion, assignor to American Engineering Company, Philadelphia, Pa. Stoker. 2,338,312; Jan. 4.
Bennett, Joseph S., Merion, assignor, by mesne assignments, to American Engineering Company, Philadelphia, Pa. Stoker. 2,361,736; Oct. 31.
Bennett, Joseph S., Merion, assignor, by mesne assignments, to American Engineering Company, Philadelphia, Pa. Water-cooled stoker. 2,361,737; Oct. 31.
Bennett, Loren E. (See Beaulieu, E. J., and Bennett.)
Bennett, Loren E. (See Beaulieu, E. J., Bennett, and McCann.)
Bennett, Racy D., assignor to Vinco Corporation, Detroit, Mich. Sequence valve. 2,347,238; Apr. 25.
Bennett, Racy D., assignor to Vinco Corporation, Detroit, Mich. Hydraulic valve. 2,363,111; Nov. 21.
Bennett, Ralph S., and S. R. Smith, Jr., Pittsfield, Mass., assignors to General Electric Company. Electric switch. 2,354,907; Aug. 1.
Bennett, Rexford P., Honeadale, Pa., assignor to Clover Leaf Manufacturing Co. Spindle and bobbin construction. 2,339,372; Jan. 18.
Bennett, Richard, Phoenix, Ariz. Fluid meter. 2,352,157; June 27.
Bennett, Richard G. (See Haas, P., and Bennett.)
Bennett, Robert M., Ithan, Pa., assignor to General Electric Company. Electric circuit breaker. 2,345,375; Mar. 28.
Bennett, Robert M., Ithan, Pa., assignor to General Electric Company. Electric air circuit breaker. 2,363,853; Nov. 28.
Bennett, Thomas R., London, England, assignor to R. Hoe & Co. Inc., New York, N. Y. Web roll support. 2,363,112; Nov. 21.
Bennett, Walter E., Jr. (See Wauson, H. C., and Bennett.)
Bennett, William O., Jr., assignor to Hamilton Watch Company, Lancaster, Pa. Heat treating device. 2,339,136; Jan. 11.
Bennett, William O., Jr., assignor to Hamilton Watch Company, Lancaster, Pa. Balance wheel. 2,356,911; Aug. 29.
Bennett, William O., Jr., Lancaster Township, Lancaster County, assignor to Hamilton Watch Company, Lancaster, Pa. Spring formation. 2,363,113; Nov. 21.
Bennett, William O., Jr., Lancaster, and E. W. Droescher, Manheim, assignors to Hamilton Watch Company, Lancaster, Pa. Spring processing device. 2,356,912; Aug. 29.
Bennewitz, Richard G., Jersey City, N. J., assignor to Crucible Steel Company of America, New York, N. Y. Apparatus for rolling strip metal. 2,353,288; July 11.
Bennewitz, Richard G., Jersey City, N. J., assignor to Crucible Steel Company of America, New York, N. Y. Method and apparatus for rolling strip metal. 2,353,289; July 11.
Bennewitz, Richard G., Jersey City, N. J., assignor to Crucible Steel Company of America, New York, N. Y. Apparatus for rolling strip metal. 2,353,290; July 11.
Benning, Anthony F., Woodstown, N. J., assignor to Kinetic Chemicals, Inc., Wilmington, Del. Fluoro-halogeno compounds. 2,343,252; Mar. 7.
Benning, Anthony F., Woodstown, F. B. Downing, Penns Grove, N. J., and R. J. Plunkett, assignors to Kinetic Chemicals, Inc., Wilmington, Del. Purification of hydrochloric acid. 2,345,696; Apr. 4.
Benning, Anthony F., Woodstown, and J. D. Park, assignors to Kinetic Chemicals, Inc., Wilmington, Del. Fluorine compounds. 2,348,321; May 9.
Benning, Anthony F., Woodstown, N. J., and J. D. Park, assignors to Kinetic Chemicals, Inc., Wilmington, Del. Fluorine compounds. 2,348,322; May 9.
Benning, Anthony F., Woodstown, N. J., and J. D. Park, assignors to Kinetic Chemicals, Inc., Wilmington, Del. Preparing carbon tetrafluoride. 2,351,390; June 13.
Benning, Anthony F., Woodstown, F. B. Downing, Penns Grove, N. J., and R. J. Plunkett, assignors to Kinetic Chemicals, Inc., Wilmington, Del. Refrigerants and making them. 2,365,516; Dec. 19.
Benning, Harvey H., Lincoln Park, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Method of and apparatus for measuring cross talk. 2,355,776; Aug. 15.
Benning, Wilbert O., Los Angeles, Calif., assignor to Pacific Clay Products Company. Feeder. 2,343,521; Mar. 7.
Benning, Wilbert O., Los Angeles, Calif., assignor to Pacific Clay Products Company. Apparatus for feeding tiles to spraying machines. 2,347,391; Apr. 25.
Benninghofen, Paul, et al., trustees. (See Waechter, Harry J., assignor.)
Bennington, Clyde, Ferndale, Mich. Double gaff or spur as used on pole climbers. 2,357,159; Aug. 29.
Bennion, Leslie H., and W. A. Smart, Leicester, England, assignors to United Shoe Machinery Corporation, Flemington, N. J. Counter molding machine. 2,348,105; May 2.
Bennison, Ernest W., assignor to Edward E. Johnson, Incorporated, St. Paul, Minn. Well screen. 2,346,647; Apr. 18.
Benoit, Philip S., Methuen, Mass. Slasher brake. 2,340,921; Feb. 8.
Benowitz, Aaron, Hicksville, N. Y. Shoelace. 2,344,963; Mar. 28.
Bensel-Brice Corporation. (See Bensel, Duryea, assignor.)
Bensel-Brice Corporation. (See Ray, Don, assignor.)
Bensel, Duryea, assignor to Bensel-Brice Corporation, Los Angeles, Calif. Preserving food and product. 2,364,049; Dec. 5.
Bensinger, Charles H., Dearborn, Mich. Tool. 2,354,735; Aug. 1.
Benson, Arthur A., et al. (See Benson, Ernest H., assignor.)
Benson, Arthur E., South Attleboro, Mass. Loom feeler mechanism. 2,353,540; July 11.
Benson, Edward L., et al. (See Benson, Ernest H., assignor.)
Benson, Ernest H., Kansas City, Mo. Hinge. 2,365,378; Dec. 19.

Benson, Ernest H., assignor of one-fourth to J. A. Benson, one-fourth to A. A. Benson, one-eighth to J. E. Benson, one-eighth to R. H. Benson, one-eighth to W. F. Benson, and one-eighth to E. L. Benson, Kansas City, Mo. Explosion-proof lighting unit. 2,339,670; Jan. 18.
Benson, Herbert T., Berkley, Calif. Chair. 2,364,050; Dec. 5.
Benson, Jesse M., Concord, Tenn. Water pump. 2,355,698; Aug. 15.
Benson, John, Toledo, Ohio. Method of and apparatus for shaping tubing. 2,357,447; Sept. 5.
Benson, John A., et al. (See Benson, Ernest H., assignor.)
Benson, John F., et al. (See Benson, Ernest H., assignor.)
Benson, Melvin B., Scotch Plains, assignor to Lidgerwood Manufacturing Company, Elizabeth, N. J. Towing machine. 2,352,309; June 27.
Benson, Ralph L., assignor, by mesne assignments, to Gibson Refrigerator Company, Greenville, Mich. Compressor. 2,365,673; Dec. 26.
Benson, Robert H., et al. (See Benson, Ernest H., assignor.)
Benson, Thomas W., and B. F. Hoffman, Philadelphia, Pa. Recovery of tin and similar metals. 2,355,777; Aug. 15.
Benson, William F., et al. (See Benson, Ernest H., assignor.)
Benstein, Meridyth H., et al. (See Lunney, Henry J., assignor.)
Bent, Franklin A., and G. A. Stenmark, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Vinyl resin-containing compositions. 2,360,540; Oct. 17.
Bent, Leavitt, N., assignor to Hercules Powder Company, Wilmington, Del. Explosive. 2,362,878; Nov. 14.
Bent, Robert D., Springfield, and C. A. Pines, Upper Darby, assignors to The Atlantic Refining Company, Philadelphia, Pa. Desulphurization of hydrocarbon oils. 2,340,922; Feb. 8.
Bentley, Cecil N., Toledo, Ohio, assignor to De Luxe Products Corporation. Oil filter. 2,343,636; Mar. 7.
Bentley, Clarence H., South Gate, assignor, by mesne assignments, to Modern Faucet Co., Los Angeles, Calif. Shower head. 2,348,776; May 16.
Bentley, Elmer J. and C. Young, Paterson, N. J. Drilling machine. 2,357,627; Sept. 5.
Bentley, Floyd W., Brooklyn, N. Y. Oil burner. 2,355,943; Aug. 15.
Bentley, Leslie F., assignor to Pye Limited, Cambridge, England. Method of and apparatus for heating material to perform a machining operation thereon. 2,365,998; Dec. 26.
Bentley, William, et al. (See Anfinson, Anton, assignor.)
Bently Engineering Company Limited, The. (See Brooksby, E., and Deans, assignors.)
Benton, Frank W., and A. C. Porterfield, Wilson, N. C. Fish holding device. 2,358,682; Sept. 19.
Benton, Roy H., South St. Paul, Minn. Circular saw device. 2,349,133; May 16.
Beny, George W. (See Calva, Jose B., assignor.)
Benyak, John A. (See Pollard, E. I., and Benyak.)
Benz, George R., Bartlesville, Okla., assignor to Phillips Petroleum Company. Refrigerator car heater. 2,357,575; Sept. 5.
Benz, Lewis W., Bartlesville, Okla., assignor to Phillips Petroleum Company. Well tool. 2,347,729; May 2.
Benzick, Alexander, Milwaukee, assignor to Nash-Kelvinator Corporation, Kenosha, Wis. Automobile seat. 2,347,023; Apr. 18.
Benzinger, Theodore, Buffalo, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Article of manufacture. 2,361,449; Oct. 31.
Beohm, Earl E. (See Myers, E. E., and Beohm.)
Berard, Hector R., deceased, by The Heald Machine Company, Worcester, Mass., assignee. Honing machine. Re. 22,423; Jan. 25.
Berejkoff, Anatole P., Schenectady, N. Y., assignor to General Electric Company. Cathode-ray tube and assembly. 2,354,661; Aug. 1.
Beren, Gottlieb P. (See Schiel, G. A., and Beren.)
Beretish, William H., and T. A. Campbell, assignors to Stewart-Warner Corporation, Chicago, Ill. Lubricating apparatus. 2,351,909; June 20.
Berezny, Mischa N., San Francisco, Calif. Grinding machine. 2,364,506; Dec. 5.
Berg, Bernhard, New York, N. Y. Pliable reinforced ornament. 2,344,846; Mar. 21.
Berg, Carlton T., assignor to The Photoplating Company, Minneapolis, Minn. Sign with animated effect. 2,355,902; Aug. 15.
Berg, Charles A., Stockholm, S. Dak. Combined door check and closer. 2,353,384; July 11.
Berg, Egon G., and M. Ovestrud, assignors to Pioneer Engineering Works, Inc., Minneapolis, Minn. Hydraulic level control for mixing machines. 2,348,879; May 16.
Berg, Egon G., and M. Overstrud, assignors to Pioneer Engineering Works, Inc., Minneapolis, Minn. Binder feeding attachments for mixing machines. 2,348,880; May 16.
Berg, Egon G., and M. Ovestrud, assignors to Pioneer Engineering Works, Inc., Minneapolis, Minn. Pumping and feeding mechanism for mixing machines. 2,350,715; June 6.
Berg, Gustav, Glasgow, Scotland, assignor of one-half to E. Low-Beer, "Sunnyside," Melrose, Roxburghshire, England. Blanket. 2,357,164; Aug. 29.
Berg, Harold I., et al. (See Frost, Roy H., assignor.)
Berg, Herbert and H. Mader, Burghausen, Oberbayern, Germany; vested in the Alien Property Custodian. Preparation of synthetic resins. 2,356,562; Aug. 22.
Berg, James R., Chicago, Ill. Emulsion printing ink. 2,357,927; Sept. 12.
Berg, Louis B., assignor to Borg-Warner Corporation, Chicago, Ill. Centrifugal clamp. 2,345,736; Apr. 4.
Berg, Louis B., assignor to Verson Allsteel Press Company, Chicago, Ill. Piston and connecting-rod assembly. 2,360,642; Oct. 17.
Berg, Louis B., Chicago, and F. A. Stuhlman, Forest Park, assignors to Borg-Warner Corporation, Chicago, Ill. Blank-handling apparatus. 2,349,606; May. 23.
Berg, Martin, Brooklyn, N. Y. Ink blotter. 2,364,773; Dec. 12.
Bergamini, Charles E., Bloomfield, N. J., assignor to Hercules Powder Company, Wilmington, Del. Ethyl cellulose emulsions. 2,356,025; Aug. 15.
Berge, Godshalk, assignor to Johnson Laboratories, Inc., Chicago, Ill. High frequency core material and cores and making said materials. 2,339,137; Jan. 11.
Bergel, Franz, Welwyn Garden City, assignor to Roche Products Limited, Welwyn Garden City, Hertfordshire, England. Bromination of ketones. 2,355,410; Aug. 8.
Bergel, Franz, Welwyn Garden City, assignor to Roche Products Limited, Welwyn Garden City, Hertfordshire, England. Manufacture of keto-alcohol acetates. 2,358,618; Sept. 19.
Bergen, Daniel E., Phillips, Tex., assignor to Phillips Petroleum Company. Lubricant. 2,343,393; Mar. 7.
Berger, Andrew H., and A. S. Pinsker, assignors to D. Berger, Pittsburgh, Pa. Sheet metal duct. 2,350,725; Oct. 3.
Berger, David. (See Berger, A. H., and Pinsker, assignors.)
Berger, George C., Waubun, Minn. Land mine. 2,351,474; June 13.
Berger, Henry G. (See Waldo, P. G., Goodloe, and Berger.)
Berger, Henry G., E. M. Nygaard, and H. S. Angel, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Recovery of phenols. 2,342,386; Feb. 22.
Berger, Henry G., and P. M. Goodloe, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Breaking petroleum emulsions. 2,355,778; Aug. 15.
Berger, Henry G., E. M. Nygaard, and H. S. Angel, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Recovery of phenols. 2,357,252; Aug. 29.
Berger, Herbert R., Brooklyn, assignor to Mizzy, Inc., New York, N. Y. Dental instrument. 2,349,607; May 23.
Berger, Herman, Bronx, N. Y. Aluminum subacetate-producing composition. 2,360,388; Oct. 17.
Berger, Hermann. (See Lӧpp, E., Zinke, and Berger.)
Berger, John L., Columbia, assignor to Armstrong Cork Company, Lancaster, Pa. Method and apparatus for shaping and shearing sheet materials. 2,351,475; June 13.
Berger, Knute, Seattle, Wash. Pin retainer latch for fairleaders. 2,362,531; Nov. 14.
Berger, Susannah, née Keresztes, Budapest, Hungary; vested in the Alien Property Custodian. Apparatus for the production of decoctions, especially tea or coffee. 2,344,386; Mar. 14.
Bergeron, Alvin W. (See Croft, C. M., Bergeron, and Dodge.)
Berggren, Ralph E. (See Royal, R. R., Hayes, Berggren, and Temple.)
Berghaus, Bernhard, Berlin-Lankwitz, and W. Burkhardt, Berlin-Grunewald, Germany; vested in the Alien Property Custodian. Purification of gases. 2,342,784; Feb. 29.
Berghoff, Frank P., La Fayette, Ind. Latch mechanism. 2,346,656; Apr. 18.
Bergholm, Harry K., Stockholm, Sweden. Refrigeration. 2,363,771; Nov. 28.
Bergin, William M., Granville, and A. L. Simison, Newark, Ohio, assignors to Owens-Corning Fiberglas Corporation. Mineral wool treating material. 2,351,802; June 20.
Bergman, Carl R., Minocqua, Wis. Cable puller. 2,339,671; Jan. 18.
Bergman, Charles A., Birmingham, Ala. Valve. 2,360,389; Oct. 17.
Bergman, Gus E., Columbus, Nebr. Shoe. 2,347,762; May 2.
Bergman, Jay, et al. (See Mehl, Fred J., assignor.)
Bergman, Melvin R. (See Eastman, Harold G., assignor.)
Bergman, Raymond W., Lockport, assignor to The Scholl Mfg. Co., Inc., Chicago, Ill. Sanitising device. 2,350,091; May 30.
Bergman, Sidney D., Brooklyn, N. Y., assignor to Burndy Engineering Company, Inc. Pin connection. 2,343,522; Mar. 7.
Bergman, Simon, New York, N. Y. Vehicle seat. 2,346,895; Apr. 18.

Bergmann, Ernst R., Evergreen Park, assignor to Goodman Manufacturing Company, Chicago, Ill. Shaker conveyer. 2,341,074; Feb. 8.
Bergmann, Ernst R., Evergreen Park, assignor to Goodman Manufacturing Company, Chicago, Ill. Drive mechanism for shaker conveyers. 2,342,241; Feb. 22.
Bergmann, Ernst R., Evergreen Park, assignor to Goodman Manufacturing Company, Chicago, Ill. Shaker conveyer. 2,347,074; Apr. 18.
Bergmann, Richard F. (See Fryer, L. S., and Bergmann.)
Bergstedt, Karl A., Lindesberg, Sweden. Pulsator, and more particularly pulsator for milking machines. 2,359,508; Oct. 3.
Bergstein, Frank D., Cincinnati, Ohio. Moistureproofing cellulosic sheets. 2,363,289; Nov. 21.
Bergstrom, Carl P., Millbury, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Pattern mechanism for looms. 2,357,448; Sept. 5.
Bergstrom, Carl P., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Bobbin selector for weft replenishing looms. 2,358,905; Sept. 26.
Bergstrom, Carl P., Millbury, and O. V. Payne, Leicester, assignors to Crompton & Knowles Loom Works, Worcester, Mass. Indexing machine. 2,358,904; Sept. 26.
Bergstrom, Herman A., Albany, N. Y., and W. V. Wirth, Woodstown, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacturing 1,3-isoquinolinediols. 2,351,391; June 13.
Bergtold, Fritz, Kiel, Germany; vested in the Alien Property Custodian. Loop antenna with iron core. 2,350,211; May 30.
Bergvall, Royal C., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control system. 2,347,026; Apr. 18.
Bergvall, Royal C., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical distribution system. 2,359,079; Sept. 26.
Berhenke, Luther F. (See Britton, E. C., and Berhenke.)
Berhenke, Luther F., E. Monroe, and E. C. Britton, assignors to The Dow Chemical Company, Midland, Mich. Preparation of coumarin-3-carboxylic acid. 2,338,569; Jan. 4.
Berigan, Leroy G., Madison, Wis., assignor to Ray-O-Vac Company. Leak-proof dry cell. 2,360,541; Oct. 17.
Beringer, Roscoe, assignor to General Motors Corporation, Detroit, Mich. Clutch. 2,341,075; Feb. 8.
Berk, F. W., and Company. (See Syers, Roland, assignor.)
Berk, F. W., and Company Limited. (See Six, Charles G., assignor.)
Berke, Joseph D., New York, N. Y. External fixation of bone fractures. 2,362,741; Nov. 14.
Berkeley, Frederick D. (See Graham, H. M., and Berkeley.)
Berkenbosch, Rinke. (See Hoeffelman, J. M., and Berkenbosch.)
Berkey, William E., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric discharge device. 2,365,517; Dec. 19.
Berkey, William E., Forest Hills, and W. H. Cuttino, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric discharge device. 2,365,518; Dec. 19.
Berkley Machine Works and Foundry Company, Inc. (See Jones, Samuel G., assignor.)
Berkman, Boris, assignor to Milkweed Products Development Corporation, Chicago, Ill. Ginning milkweed. 2,362,965; Nov. 21.
Berkowitz Envelope Company. (See Berkowitz, Eugene B., assignor.)
Berkowitz, Eugene B., assignor to Berkowitz Envelope Company, Kansas City, Mo. Envelope or similar container for use in connection with C. O. D. actions. 2,347,075; Apr. 18.
Berl, Ernst and W. G., Pittsburgh, Pa. Highly substituted acetone-soluble cellulose acetate. 2,346,350; Apr. 11.
Berl, Ernst and W. G., Pittsburgh, Pa. Making ammonium salts of aromatic compounds. 2,350,322; June 6.
Berl, Walter G. (See Berl, Ernst and W. G.)
Berlek, Josef, Radenthein, Germany; vested in the Alien Property Custodian. Producing sorel cements. 2,344,387; Mar. 14.
Berlin, Donovan R. (See Fiader, F. E., and Berlin.)
Berliner, Gustave E. (See Jacobs, Harry A., assignor.)
Berliner, Herbert S., Westmount, Quebec, Canada. Sound recording apparatus. 2,350,490; June 6.
Berliner, Julius F. T., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Wood seasoning process. 2,346,286; Apr. 11.
Berliner, Martin, and A. Matlas, New York, N. Y. Writing device. 2,359,195; Sept. 26.
Berman, Alex, Louisville, Ky. Aerial fence. 2,345,550; Apr. 4.
Berman, Engeneerp. (See Mestel, N., and Berman.)
Berman, Louis, Evansville, Ind. Pin game lift. 2,356,913; Aug. 29.
Berman, Martin E., Franklin, Pa., assignor to Joy Manufacturing Company. Overload relay. 2,356,373; Aug. 22.
Bernal, Maurice V., assignor of one-half to J. Turner, Merced, Calif. Street cleaner. 2,361,909; Nov. 7.
Bernard, Arthur A. (See Hasse, F. C., and Bernard.)
Bernard, Arthur A., Chicago, Ill. Electrode holder for welding apparatus. 2,364,507; Dec. 5.
Bernard, Arthur A., Chicago, Ill. Welding electrode holder. 2,364,508; Dec. 5.
Bernardo, Henry L. (See Rights, H. T., Bernarde, and Altman.)
Bernardi, Dominic J. (See Gessler, A. E., and Bernardi.)
Bernardi, Dominic J., Bronx, assignor to Interchemical Corporation, New York, N. Y. Printing ink. 2,348,594; May 9.
Bernat, Henri, Bordeaux, France; vested in the Alien Property Custodian. Process and product for overcoming the cryptogamic diseases of plants. 2,356,299; Aug. 22.
Berne-Allen, Allan, Jr., Waynesboro, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilization of vinyl esters. 2,343,950; Mar. 14.
Berne-Allen, Allan, Jr., Waynesboro, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilization of vinyl esters. 2,351,658; June 20.
Berner, Leo, San Jose, assignor to Woodridge Manufacturing Company, Sunnyvale, Calif. Winch construction. 2,344,587; Mar. 21.
Bernhardt, Eugen O., and W. Bischoff, Jena, Germany; vested in the Alien Property Custodian. Hardness testing instrument. 2,355,411; Aug. 8.
Bernhardt, Rudolph, and J. O. Reinecke, Chicago, Ill., assignors to J. F. Barnes, as trustee. Clamp for blankets and the like. Re. 22,493; June 13.
Bernheim, Daniel P. (See Tillyer, E. D., Silverberg, and Bernheim.)
Bernheim, Daniel P., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 2,355,048; Aug. 8.
Bernheim, Daniel P., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 2,361,910; Nov. 7.
Bernheim, Daniel P., Southbridge, and M. M. Glasberg, Revere, assignors to American Optical Company, Southbridge, Mass. Eye protection means. 2,359,743; Oct. 10.
Berninger, Kenneth L. (See Martin, T. B., and Berninger.)
Bernity Furnace Appliance Company. (See Nygaard, O., and Schroder, assignors.)
Berno, Edward H., Plymouth, Mich. Brake mechanism. 2,347,239; Apr. 25.
Bernstein, Herbert H., Brooklyn, N. Y., assignor of one-half to Kalmus-Golden, Inc. Weight action for chair backs. 2,343,739; Mar. 7.
Bernstein, Joseph, New York, N. Y. Making button and buttonhole strips for plackets. 2,342,569; Feb. 22.
Bernstein, Joseph R., Chicago, Ill. Shoe tree. 2,362,237; Nov. 7.
Bernstein, Max, et al. (See Casciani, Romildo, assignor.)
Bernstein, Seymour. (See Wallis, E. S., and Bernstein.)
Bernstein, Wilburn F., Brookfield, and S. M. Lillis, assignors to Victor Manufacturing & Gasket Company, Chicago, Ill. Gasket. 2,349,235; May 23.
Bernzott, Hugo. (See Moonmaw, L. H., and Bernzott.)
Berquist, Leonard G., Niles, Mich. Driving unit for boats. 2,338,796; Jan. 11.
Berquist, Leonard G., assignor to National Standard Company, Niles, Mich. Wire plating apparatus. 2,338,795; Jan. 11.
Berridge, Thomas W., Woburn, Mass. Tape dispenser. 2,364,051; Dec. 5.
Berry, Carl D. (See Mayne, R., and Berry.)
Berry, Clyde F., Manchester, N. H. Engine valve mechanism. 2,344,847; Mar. 21.
Berry, Earl E. (See Goodwillie, J. E., and Berry.)
Berry, Earl E., assignor to Beloit Iron Works, Beloit, Wis. Apparatus for making tissue type paper 2,340,103; Jan. 25.
Berry, Earl E., and L. Hornbostel, assignors to Beloit Iron Works, Beloit, Wis. Stock feed for paper making machines. 2,344,281; Mar. 14.
Berry, Earl E., and L. Hornbostel, assignors to Beloit Iron Works, Beloit, Wis. Stock inlet for paper making machines. 2,344,282; Mar. 14.
Berry, Frederick W., Woodford Green, England. Device for locking nuts or like threaded members on bolt shanks. 2,361,814; Oct. 31.
Berry, Henry, & Company Limited. (See Corin, Philip G., assignor.)
Berry, Herbert C., Chicago, Ill. Box. 2,341,308; Feb. 8.
Berry, Herbert C., Chicago, Ill. Box. 2,361,079; Oct. 24.
Berry, John K., Southam, near Rugby, assignor to Courtaulds Limited, London, England. Reel. 2,356,026; Aug. 15.
Berry, LeRoy E., Stockton, Calif. Dry cleaning machine. 2,346,648; Apr. 18.
Berry, Mitchell M., assignor to Boeing Aircraft Company, Seattle, Wash. Boost control valve. 2,360,542; Oct. 17.
Berry, Pierre F., U. S. Army, New York, N. Y. Sight. 2,364,055; Dec. 5.

Berry, R. S. (See Owen, Herbert L., assignor.)
Berry, Russell, Royal Oak, Mich. Sash balance. 2,353,630; July 18.
Berry, Virgil, Okmulgee, Okla. Photographic mask. 2,342,525; Feb. 22.
Berry, Wallace S., assignor to Nash-Kelvinator Corporation, Kenosha, Wis. Steering gear. 2,344,848; Mar. 21.
Berryman, Elmer H. (See Lindsey, Ernest E., assignor.)
Berst-Forster-Dixfield Company. (See Montague, Stephen F., assignor.)
Berstler, Carl E., Reading, Pa. Spark plug. 2,360,390; Oct. 17.
Bersuder, John E. (See Waldie, W. A., and Bersuder.)
Bersworth, Frederick C., Verona, assignor to The Martin Dennis Company, Newark, N. J. Rubber-amine reaction products. 2,364,186; Dec. 5.
Bersworth, Frederick C., Verona, N. J., and M. Omansky, Brookline, Mass., assignors, by direct and mesne assignments, to The Martin Dennis Company, Newark, N. J. Vulcanization of rubber. 2,364,052; Dec. 5.
Bertalan, Edward, Glenarm, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Assembling apparatus. 2,355,833; Aug. 15.
Bertalan, Edward, Glenarm, and D. M. Taggart, Ruxton, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Telephone substation apparatus. 2,343,442; Mar. 7.
Bertelsen, Valdemar. (See Handy, A. E., and Bertelsen.)
Bertetti, John W., Galveston, Tex. Automatic sampler. 2,349,403; May 23.
Bertherman, Sidney J., Chepachet, R. I., assignor to L. & B. Jewelry Manufacturing Company. Chain. 2,344,455; Mar. 14.
Berthold, Walter K., Rockville, assignor to Hartford-Empire Company, Hartford, Conn. Glassware transferring and conveying apparatus. 2,355,036; Aug. 1.
Berthold, Wolf, Weehawken, and W. W. Rea, Chatham, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Method of and apparatus for controlling spooling motors. 2,353,639; July 18.
Bertino, Ida W., Sacramento, Calif. Secret panel bathing cap. 2,341,897; Feb. 15.
Bertoldo, Joseph M., Malden, and H. S. Gregor, Somerville, Mass. Work-holding clamp. 2,363,383; Nov. 21.
Bertram, Edward A., Mount Vernon, and D. Fulton, Flushing, assignors to The Lummus Company, New York, N. Y. Heat exchange. 2,345,319; Mar. 28.
Bertrams, John, & Sons, Co. Limited, The. (See Knutsen, Max T., assignor.)
Bertrán, Edward M., Jackson Heights, assignor to Brewster Aeronautical Corporation, Long Island City, N. Y. Dive bombing airplane. 2,362,345; Nov. 7.
Bertrán, Edward M., Flushing, and M. Sokol, assignors to Brewster Aeronautical Corporation, Long Island City, N. Y. Airplane wing gun mount. 2,364,509. Dec. 5.
Bertrán, Edward M., Jackson Heights, and R. N. Lesnick, Brooklyn, assignors to Brewster Aeronautical Corporation, Long Island City, N. Y. Gun ammunition magazine. 2,364,510; Dec. 5.
Bertrand, Frederic E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine for making incisions in soles. 2,347,247; Apr. 25.
Bertsch, Heinrich, Rabenstein, near Chemnitz, Germany, assignor to American Hyalsol Corporation, Wilmington, Del. Hilcher molecular alcohols. 2,344,671; Mar. 21.
Bertsch, Heinrich, Rabenstein, near Chemnitz, Germany, assignor, by mesne assignments, to The Hydronapthene Corporation, Wilmington, Del. Sulphated amide wetting, detergent, and sudsing agents. 2,355,503; Aug. 8.
Bertsch, Johann A., deceased, by Manufacturers Bank & Trust Company of St. Louis, executor, St. Louis, Mo. Catalyst carrier. 2,349,844; May 30.
Bertsch, Johann A., deceased, by the Manufacturers' Bank and Trust Company of St. Louis, St. Louis, Mo., executor. Apparatus for filling gas balloons and airships with light gases. 2,362,966; Nov. 21.
Berwald, William B. (See Miller, H. C., Berwald, and Tallaferro.)
Bescheerer, Palmer, assignor to York Safe and Lock Company, York, Pa. Door for bomb and gas resisting shelters, buildings, and the like. 2,350,981; June 13.
Beskin, Gerald S., Minneapolis, assignor of one-half to F. O. Kuehn, Sr., St. Paul Minn. Bottle carrier. 2,344,187; May 9.
Besler, Eduard, Frankfort-on-the-Main, Germany, assignor to General Aniline & Film Corporation, New York, N. Y. Lenco sulphuric acid esters of the anthraquinone series. 2,347,027; Apr. 18.
Bess, Cornelius G., U. S. Army, Geiger Field, Wash. Garment hanger. 2,354,099; July 18.
Bessiere, Jeon J., Imperia, Italy; vested in the Alien Property Custodian. Escape boat for submarines. 2,340,777; May 16.
Best, Albert A., Los Angeles, Calif. Combined illuminating and viewing device. 2,358,203; Sept. 12.
Best, Cyril. (See Molina, D. W., and Best.)
Best, Cyril. (See Molina, D. W., Best, and Powell.)
Best Foods, Inc., The. (See Borkowski, C. J., and Schille, assignors.)
Best Foods, Inc., The. (See Neal, Ralph H., assignor.)
Best Foods, Inc., The. (See Schaub, Jacob, assignor.)
Best Foods, Inc., The. (See Vahiteich, H. W., and Neal, assignors.)
Best, Frank A., Windsor, Ontario, Canada. Buckle. 2,362,982; Nov. 21.
Best, Frank A., Windsor, Ontario, Canada. Reflecting device for signs and the like. 2,365,447; Dec. 19.
Best, Frank C., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,346,445; Mar. 28.
Best, Frank C., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,351,803; June 20.
Best, Frank E., Indianapolis, Ind. Roller bearing. 2,355,843; Aug. 15.
Best, Frank S., Red Bank, N. J. Machine screw nut. 2,358,783; Sept. 26.
Bestian, Herbert. (See Pense, W., and Bestian.)
Bestian, Herbert, Frankfort-on-the-Main-Hoechst, Germany; vested in the Alien Property Custodian. N,N-(alpha-beta-alkylene)-acetamides and preparing them. 2,339,046; Jan. 11.
Bestian, Herbert, Frankfort-on-the-Main, and E. Bock, Krefeld-Uerdingen, Germany; vested in the Alien Property Custodian. Adhesives comprising the reaction products of isocyanates with alkylene imines and using the same. 2,360,192; Oct. 10.
Beswick, Emmett H. (See Stine, S. S., and Beswick.)
Beswick, William, Birmingham, Ala. Drawing rolls for Spinning machines. 2,348,202; May 9.
Beswick, William, Birmingham, Ala. Long draft drawing roll. 2,359,610; Oct. 3.
Bethlehem Steel Company. (See Anderson, Arvid E., assignor.)
Bethlehem Steel Company. (See Creighton, James A., assignor.)
Bethlehem Steel Company. (See Dolan, Francis D., assignor.)
Bethlehem Steel Company. (See Epstein, Samuel, assignor.)
Bethlehem Steel Company. (See Hammeren, Hans, assignor.)
Bethlehem Steel Company. (See Herty, Charles H., Jr., assignor.)
Bethlehem Steel Company. (See Hess, Lawrence J., assignor.)
Bethlehem Steel Company. (See Jordan, Wilfred M., assignor.)
Bethlehem Steel Company. (See Joy, Robert F., assignor.)
Bethlehem Steel Company. (See Klein, C. J., Rieger, and Duncan, assignors.)
Bethlehem Steel Company. (See Kleinschmidt, R. V., and Washken, assignors.)
Bethlehem Steel Company. (See Kraner, Hobart M., assignor.)
Bethlehem Steel Company. (See Mills, Kenneth N., assignor.)
Bethlehem Steel Company. (See Moore, Allen S., assignor.)
Bethlehem Steel Company. (See Newburg, Edward C., assignor.)
Bethlehem Steel Company. (See Portuondo, Aurelio, assignor.)
Bethlehem Steel Company. (See White, William E., assignor.)
Bethlehem Steel Company. (See Wilson, Tom, assignor.)
Bethlehem Steel Company. (See Winkler, Louis H., assignor.)
Betsinger, Samuel A., U. S. Army, and E. G. Comstock, Prince George County, Va. Shuttle case bearing. 2,348,718; May 16.
Better Packages, Inc. (See Krueger, A. P., and West, assignors.)
Better Packages Incorporated. (See Krueger, Theodore H., assignor.)
Bettini, David J., assignor to Locke Insulator Corporation, Baltimore, Md. Cutting tool. 2,341,309; Feb. 8.
Bettis, Irvin H., Los Angeles, Calif., assignor to Hughes Tool Company, Houston, Tex. Tool joint with double tapered socket. 2,345,725; Apr. 4.
Bets, Paul L., assignor to Consolidated Gas Electric Light and Power Company of Baltimore, Baltimore, Md. Starting switch for electrical discharge lamps. 2,356,812; Aug. 29.
Bets, Paul L., assignor to Consolidated Gas Electric Light and Power Company of Baltimore, Baltimore, Md. Starting switch for electrical discharge lamps. 2,356,813; Aug. 29.
Beutel, Carl, Detroit, Mich. Apparatus for musical instruction. 2,352,597; July 4.
Beutel, Ralph H. (See Stevens, J. R., and Beutel.)
Beutex Corporation. (See Klein, E. F., and Yates, assignors.)
Bevarly, Henry W. (See Miller, B. DeH., and Bevarly.)
Beverlin, Robert S. (See Hall, E. A., and Beverlin.)
Beverlin, Robert S., assignor to The Hall Manufacturing Company, Toledo, Ohio. Grinding tool. 2,338,484; Jan. 4.
Beverlin, Robert S., assignor to The Hall Manufacturing Company, Toledo, Ohio. Grinding valve seats and similar areas. 2,363,384; Nov. 21.
Beyer, Charles M., Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Electrical terminal and making it. 2,338,485; Jan. 4.

Beyer, Charles M., Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Electrical device. 2,360,467; Oct. 17.
Beyer, Fred W. (See Thoma, W. F., and Beyer.)
Beyer, Herman F. (See Knochel, W. J., and Beyer.)
Beyerstedt, Fred J., Plainfield, N. J., assignor to Standard Oil Development Company. Catalytic alkylation. 2,363,222; Nov. 21.
Bezborodko, David, New York, N. Y. Paper ring mirror 2,341,590; Feb. 15.
Bezborodko, David, and C. Zucker, Nice, France; vested in the Alien Property Custodian. Combined machine for surface grinding and polishing glass and other materials. 2,341,524; Feb. 15.
Bialosky, Jerome M. (See Merlub-Sobel, M., and Bialosky.)
Bibb, Carlisle H. (See Palmer, R. C., and Bibb.)
Bibolini, Aldo, Turin, Italy; vested in the Alien Property Custodian. Wet grind ball mill. 2,338,398; Jan. 4.
Bichowsky, Francis R., Detroit, Mich. Refrigeration. 2,345,651; Apr. 4.
Bichowsky, Francis R., Washington, D. C. Heating and cooling. 2,365,797; Dec. 26.
Bickle, Harry M., Heston, England, assignor to Fram Corporation, East Providence, R. I. Dipstick gauge. 2,343,188; Feb. 29.
Bickley, Everett H., Bala-Cynwyd, Pa. Apparatus for producing third dimensional motion pictures. 2,356,441; Aug. 22.
Bicknell, George M., assignor to Carter Carburetor Corporation, St. Louis, Mo. Carburetor. 2,362,879; Nov. 14.
Bicknell, George M., St. Louis, Mo., and O. Henning, Detroit, Mich., assignors to Carter Carburetor Corporation, St. Louis, Mo. Carburetor. 2,341,685; Feb. 15.
Bicknell, George R., Antioch, Ill., assignor to The American Laundry Machinery Company, Norwood, Ohio. Ironing shirts. 2,355,099; Aug. 15.
Bicknell, George R., Antioch, and F. A. Heidenfelder, Chicago, Ill., assignors to The American Laundry Machinery Company, Norwood, Ohio. Collar protecting hood and spray dampener for presses. 2,338,087; Jan. 4.
Bicknell, George R., Antioch, and F. A. Heidenfelder, Chicago, Ill., assignors to The American Laundry Machinery Company, Norwood, Ohio. Sleeve press. 2,365,448; Dec. 19.
Bicknell, George R., Antioch, and F. A. Heidenfelder, Chicago, Ill., assignors to The American Laundry Machinery Company, Norwood, Ohio. Sleeve press. 2,365,449; Dec. 19.
Biddle, James G., Company. (See Boehm, Paul F., assignor.)
Bidwell, Earl E., Los Angeles, Calif., assignor to W. P. Innes, Jr., Wichita, Kans. Hose clamp. 2,339,759; Jan. 25.
Bidwell, George L., Riegelsville, Pa., assignor to Riegel Paper Corporation, New York, N. Y. Treating fibrous pulp. 2,339,453; Jan. 18.
Biefeld, Karl, Bad Freienwalde, Oder, Germany; vested in the Alien Property Custodian. Manufacture of nonmetallic electrical resistance materials. 2,340,506; Feb. 1.
Biehl, Peter. (See Watter, M., and Biehl.)
Bien, Israel, San Francisco, Calif. Ventilating device for sewing machines. 2,341,898; Feb. 15.
Bierd, Richard E., Seattle, Wash. Splitting shakes and a machine therefor. 2,365,932; Dec. 26.
Bierenfeld, Josef. (See Van Valkenburg, H. L., and Bierenfeld.)
Bierenfeld, Josef, Shorewood, Wis., assignor to Square D Company, Detroit, Mich. Push button switch and mounting. 2,363,854; Nov. 28.
Bierenfeld, Josef, Shorewood, Wis., and L. G. Maechtlen, San Marino, Calif., assignors to Square D Company, Detroit, Mich. Electric switch. 2,352,765; July 4.
Bieret, Frederick P., Allentown, Pa. Apparatus for preserving perishable products. 2,342,998; Feb. 29.
Bierly, Nevin R., Avenel, N. J., assignor to The American Metal Company, Limited, New York, N. Y. Producing selenium. 2,349,097; May 23.
Bierman, William A., Pittsburgh, and S. Simonson, Butler, Pa., assignors to O. C. Duryea Corporation, Wilmington, Del. Car construction. 2,345,652; Apr. 4.
Biermann, William A. (See Johnson, R. W., and Biermann.)
Biermann, William A. (See Johnson, R. W., Biermann, and Pawelsky.)
Biermann, William A. (See Pawelsky, V. R., and Biermann.)
Bies, Clarence C., Houston, Tex., assignor to Standard Oil Development Company. Gas analysis and combustion chamber therefor. 2,364,940; Dec. 12.
Bigelow, Charles G. (See Fox, G., Callow, and Bigelow.)
Bigelow, Newell M. (See Lubs, H. A., and Bigelow.)
Bigelow, Roy S., assignor to Goodman Manufacturing Company, Chicago, Ill. Loading station for shuttle cars. 2,354,360; July 25.
Bigelow, Roy S., assignor to Goodman Manufacturing Company, Chicago, Ill. Coal mine haulage vehicle. 2,359,889; Oct. 10.
Bigelow-Sanford Carpet Co. (See Dow, J. N., and Dilldilian, assignors.)
Bigelow-Sanford Carpet Co. (See Garrity, Spencer S., assignor.)
Bigelow-Sanford Carpet Co. (See Rench, Harry D., assignor.)
Bigelow-Sanford Carpet Co. Inc. (See Hopkins, G. E., Dow, and Peters, assignors.)
Bigger, Richard P. (See Robinson, J. E., and Bigger.)
Biggie, Laurence C., Altedena, assignor to General Controls Co., Glendale, Calif. Electromagnetically controlled device. 2,343,861; Mar. 14.
Biggs, Burnard S., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Manufacture of esters of mononitriles of dicarboxylic acids. 2,339,672; Jan. 18.
Biggs, Burnard S., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Tetrachloro fluorotoluene. 2,361,590; Oct. 31.
Biggs, Burnard S., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Pentamethyl fluorobenzene. 2,361,591; Oct. 31.
Biggs, Burnard S., S. O. Morgan, Summit, and A. H. White, East Orange, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Dielectric materials and electrical apparatus containing them. 2,362,428; Nov. 7.
Biggs, Orrick H., Beverly, and J. L. Cox, Danvers, Mass., assignors to Sylvania Electric Products Inc. Ultraviolet fluorescent lamp. 2,355,258; Aug. 8.
Biggs, Orrick H., Beverly, and C. F. MacCarthy, Salem, Mass., assignors to Sylvania Electric Products Inc. Fluorescent lamp fixture. 2,358,784; Sept. 26.
Bigley, William J., Jr., Weehawken, N. J. Tank. 2,353,122; July 11.
Bignell, Edward, assignor to E. C. Bignell, Los Angeles, Calif. Apparatus for sinking piles. 2,354,936; Aug. 1.
Bignell, Emma C. (See Bignell, Edward, assignor.)
Bikkers, Alexander, The Hague, Netherlands; vested in the Alien Property Custodian. Absorption machine containing an inert auxiliary gas. 2,354,982; Aug. 1.
Bilde, Tord E. D., Ulvsunda, assignor to Bolinder's Fabriks Aktiebolag, Stockholm, Sweden. Spraying device. 2,358,377; Sept. 19.
Bilek, Frank J., assignor to The Globe Company, Chicago, Ill. Apparatus for use in cooling offal and the like. 2,362,532; Nov. 14.
Bilek, Frank J., and F. Plecki, assignors, by mesne assignments, to The Globe Company, (formerly Gambill Motor Company, Inc.), Chicago, Ill. Barrel truck. 2,346,649; Apr. 18.
Bilhuber, E., Inc. (See Hildebrandt, Gustav, assignor.)
Bilhuber, Paul H., Douglas Manor, assignor to Steinway & Sons, New York, N. Y. Operating means for piano actions. 2,338,992; Jan. 11.
Bilhuber, Paul H., Douglas Manor, assignor to Steinway & Sons, New York, N. Y. Piano pin block. 2,339,752; Jan. 25.
Biller, David J., assignor to Day-Brite Lighting, Inc., St. Louis, Mo. Fluorescent lighting fixture. 2,342,570; Feb. 22.
Billger, Alonzo E., Indianapolis, Ind. Spring collet toolholder. 2,359,286; Oct. 3.
Billing, Wyly M., assignor to Hercules Powder Company, Wilmington, Del. Adhesive composition. 2,357,073; Aug. 29.
Billings, Howard J., South Acton, Mass., assignor, by mesne assignments, to Industrial Tape Corporation, New Brunswick, N. J. Primer. 2,340,298; Feb. 1.
Billings, John H., Merion Golf Heights, Pa. Coupler. 2,355,042; Aug. 8.
Billings, Roy O., Milwaukee, Wis. Truck crane. 2,365,167; Dec. 19.
Billings, Roy O., Milwaukee, Wis. Turntable for cranes or the like. 2,365,168; Dec. 19.
Billings, Roy O., Milwaukee, Wis. Vehicle outrigger. 2,365,169; Dec. 19.
Billington, Emil J., assignor to Union Special Machine Company, Chicago, Ill. Presser foot for sewing machines. 2,341,696; Feb. 15.
Billington, Emil J., assignor to Union Special Machine Company, Chicago, Ill. Rotary hook for sewing machines. 2,352,598; July 4.
Billman, Henry E., and C. E. Glassen, St. Louis, Mo., and F. X. Muenzer, assignors to The Multiplex Concrete Machinery Company, Elmore, Ohio. Concrete block machine. 2,341,012; Feb. 8.
Bills, Ira E., and W. B. Patey, Dalton, Ga. Skip stitch machine. 2,346,467; Apr. 11.
Bilofsky, Maxwell. (See Glass, John P. Jr., assignor.)
Bilofsky, Maxwell M. (See Babb, Maynard A., assignor.)
Bilofsky, Maxwell M. (See Warsher, Adolph, assignor.)
Bilofsky, Maxwell M. (See Warsher, A., and Babb, assignors.)
Bilofsky, Maxwell M. (See Whittaker, John D., assignor.)
Bimmerman, Harry G., Wilmington, Del., and A. L. Fox, Woodstown, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Treatment of molds and compositions therefor. 2,356,814; Aug. 29.
Binder, Adolph E., Spokane, Wash. Grate bar. 2,365,933; Dec. 26.
Binder, Charles F., Cranford, assignor to Lidgerwood Manufacturing Company, Linden, N. J. Telemotor system. 2,348,823; May 9

Binder, Eugen, Berlin, Germany; vested in the Alien Property Custodian. Electrically operated control device. 2,347,590; Apr. 25.

Binder, William O. (See Franks, R., and Binder.)

Bindschedler, Theodore S., Grosse Pointe, and C. K. Davis, Mount Clemens, assignors, by mesne assignments, to Magnetic Products Corporation, Detroit, Mich. Magnetic testing device. 2,351,595; June 20.

Biner, George M., Los Angeles, Calif. Filling apparatus. 2,351,392; June 13.

Bingham, Arthur. (See Molins, D. W., Ruau, and Bingham.)

Bingham, Arthur E., assignor to Dowty Equipment Limited, Cheltenham, England. Damping valve for resilient suspension devices. 2,356,563; Aug. 22.

Bingham, Charles R., Davenport, Iowa. Vehicle hitch. 2,350,579; June 6.

Bingham, David W., Middle Brighton, Victoria, Australia. Food or like pump. 2,343,523; Mar. 7.

Bingham, George H., Jr., Lincoln, assignor to Cambridge Rubber Company, Cambridge, Mass. Lifesaving apparatus. 2,362,962; Nov. 14.

Bingley, Frank J., Chestnut Hill, assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Reducing disturbances in concentric lines. 2,338,399; Jan. 4.

Bingley, Frank J., Chestnut Hill, assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Alternate carrier television system. 2,347,248; Apr. 25.

Binkley, Robert L., assignor to O. S. Petty, San Antonio, Tex. Method for use in earth drilling operations. 2,365,858; Dec. 26.

Binkley, Stephen B. (See Thayer, S. A., Binkley, McKee, MacConnodale, and Doisy.)

Binks, Melvin J., River Forest, assignor to J. H. Keeney & Co., Inc., Chicago, Ill. Skill testing game. 2,347,657; May 2.

Binneweg, Abraham, Jr., Oakland, Calif. Radio tube with flattened elements. 2,343,849; Mar. 7.

Binneweg, Abraham, Jr., Oakland, Calif. Radio with vacuum chamber. 2,354,908; Aug. 1.

Binney, Eric A., Curly Hill, assignor to The English Electric Company Limited, London, England. Driving means for electrically propelled vehicles. 2,353,436; July 11.

Binney and Smith Company. (See Vogel, M. R., and Snyder, assignors.)

Binney & Smith Co. (See Wiegand, W. B., and Venuto, assignors.)

Biow, Jesse M., New York, N. Y. Photographic display. 2,360,099; Oct. 10.

Birch, George C. R., Raynes Park, assignor to B. & R. Patents Limited, London, England. Pressure gauge. 2,356,442; Aug. 22.

Birch, George C. R., Raynes Park, assignor to B. & R. Patents Limited, London, England. Hydraulic remote indicating apparatus. 2,358,047; Sept. 12.

Birch, Leland W., assignor to The Ohio Brass Company, Mansfield, Ohio. Conductor support. 2,342,242; Feb. 22.

Birch, Raymond E. (See Harvey, F. A., and Birch.)

Birch, Stanley F. (See Dunstan, A. E., and Birch.)

Birchall, Harold. Norton-on-Tees, England, assignor to Imperial Chemical Industries Limited. Pressure resistant vessel. 2,360,391; Oct. 17.

Bird, Homer M., Maumee, Ohio. Ventilator shutter. 2,355,412; Aug. 8.

Bird, John L., Lake Success, N. Y. Liquid level indicator. 2,361,738; Oct. 31.

Bird & Son, inc. (See Bradley, John J., Jr., assignor.)

Bird & Son, inc. (See Fuller, Everett H., assignor.)

Bird & Son, Inc. (See Hebert, Leo A., assignor.)

Bird, Whitworth F., Swarthmore, assignor to Collins & Aikman Corporation, Philadelphia, Pa. Making pile fabrics. 2,358,204; Sept. 12.

Birdsall, Edwin H., Golden, Colo., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Sorting device. 2,356,203; Aug. 22.

Birdsall, Edwin H., Golden, Colo., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Magnetic toggle overload release. 2,356,204; Aug. 22.

Birdsall, Edwin H., Golden, Colo., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Sorting device. 2,359,890; Oct. 10.

Birdsall, Edwin H., Golden, Colo., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Gauging machine. 2,364,187; Dec. 5.

Birdsall, Robert E., Detroit, Mich. Quick-release holder. 2,355,049; Aug. 8.

Birdsboro Steel Foundry and Machine Company. (See Martin, Mark H., assignor.)

Birk, Ferdinand J. See Brian, W. S., and Birk.)

Birkhimer, Edwin R., assignor to The Atlantic Refining Company, Philadelphia, Pa. Treatment of hydrocarbon oils. 2,345,449; Mar. 28.

Birkigt, Louis, Rive Bleue, Versoix, near Geneva, Switzerland. Power plant. 2,348,518; May 9.

Birkigt, Marc, Versoix, near Geneva, Switzerland. Firearm magazine. 2,360,035; Oct. 10.

Birkigt, Marc, Versoix, near Geneva, Switzerland. Absorbing means especially for firearms. 2,361,985; Nov. 7.

Birmingham, Donald G., Aberdeen, assignor to Harbor Plywood Corporation, Hoquiam, Wash. Fibrous sheet covered plywood. 2,343,740; Mar. 7.

Birtley Company Limited, The. (See Holmes, Colin W. H., assignor.)

Bisbee, David P., San Marino, Calif., R. J. Seltzer, Chicago, Ill., and P. F. Thayer, Sparrows Point, Md., assignors to Rheem Manufacturing Company, Richmond, Calif. Head and cylinder welding stake. 2,353,868; July 18.

Bischoff, Robert, Troy, N. Y. Check valve. 2,356,815; Aug. 29.

Bischoff, Werner. (See Bernhardt, E. O., and Bischoff.)

Biscup, Chester J. (See Graybrook, H. W., and Biscup.)

Bishop, Charles B., Davenport, Iowa, assignor to Container Corporation of America, Chicago, Ill. Collapsible carton. 2,346,003; Apr. 4.

Bishop, Earl L., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Collapsible form. 2,339,543; Jan. 18.

Bishop, Frank C., Atherton, assignor to Firechek Corporation, San Francisco, Calif. Fire extinguishing apparatus. 2,338,313; Jan. 4.

Bishop, Henry M., assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Phonograph system. 2,355,504; Aug. 8.

Bishop, James A., Bridgeville, Pa. Apparatus for making tufts for tufted rugs. 2,353,640; July 18.

Bishop, James O. (See Babcock, L. L., and Bishop.)

Bishop, Oakes E., et al. (See Luts, Daniel H., assignor.)

Bishop, Orville L., Wendell, Idaho. Well pump. 2,347,240; Apr. 25.

Bishop Publishing Company. (See Bishop, Robert B., assignor.)

Bishop, Robert B., Evanston, assignor to Bishop Publishing Company, Chicago, Ill. Two-way display standard. 2,345,913; Apr. 4.

Bishop, Walter M., Flushing, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Deep sea apparatus housing. 2,352,158; June 27.

Bissell, Carl H., assignor to Crouse-Hinds Company, Syracuse, N. Y. Fitting for service entrance cable. 2,362,184; Nov. 7.

Bissinger, Harry G., Denville, N. J., assignor to Drew Associates, Inc., New York, N. Y. Making a composition for use in detergents. 2,356,443; Aug. 22.

Bissout, Herbert A., Merchantville, N. J., and W. Y. Borresen, assignors to W. K. Mitchell & Company, Inc., Philadelphia, Pa. Welding apparatus. 2,350,716; June 6.

Bitler, William P. (See Flisik, A. C., Inman, and Bitler.)

Bitler, William P. (See Inman, M. T., and Bitler.)

Bitler, William P. Haverstraw, and L. Nicholl, Nyack, assignors to Kay-Fries Chemicals, Inc., West Haverstraw, N. Y. Recovery of excess glycerine in residues from the preparation of mono- and di-methyl ethers of glycerol. 2,339,047; Jan. 11.

Bitler, William P., Haverstraw, and L. Nicholl, Nyack, assignors to Kay-Fries Chemicals, Inc., West Haverstraw, N. Y. Preparation of esters of polybasic cyclic unsaturated acids. 2,358,048; Sept. 12.

Bitney, Dewey H., assignor to Union Steel Products Company, Albion, Mich. Bottle crate. 2,355,946; Aug. 15.

Bitting, Charles D., Kenvil, N. J., and R. W. Lawrence, assignors to Hercules Powder Company, Wilmington, Del. Blasting explosive. 2,365,170; Dec. 19.

Bitzer, Gottlob, Lincoln Park, assignor to Textile Machine Works, Wyomissing, Pa. Yarn carrier rod operating means for straight knitting machines. 2,345,914; Apr. 4.

Bivans, Elbert L., assignor to A. B. Cleveland, Los Angeles, Calif. Tire grooving apparatus. 2,362,967; Nov. 21.

Bivens, Maurice E., Schenectady, N. Y., assignor to General Electric Company. Electric control circuit. 2,359,080; Sept. 26.

Bivens, Maurice E., Schenectady, N. Y., assignor to General Electric Company. Electric valve circuit. 2,361,169; Oct. 24.

Bivona, Charles. (See Urbas, Joseph, and Bivona.)

Bixby, Guy T. (See Greenblatt, L. W., Jr., and Bixby.)

Bixby, Leo A., Berrien Springs, assignor to Clark Equipment Company, Buchanan, Mich. Vehicle driving mechanism. 2,344,388; Mar. 14.

Bixby, Willard F., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Temperature control system. 2,347,763; May 2.

Bixby, William H., East Providence, R. I., assignor to Green Brothers, Inc. Staple package. 2,354,083; July 18.

Bixel, Edward C., West Orange, N. J., assignor to American Telephone and Telegraph Company. Lock mechanism. 2,358,554; Sept. 19.

Bixel, Edward C., West Orange, N. J., assignor to American Telephone and Telegraph Company. Tow hook mounting for vehicles. 2,360,643; Oct. 17.

Bixler, Harley H., Schenectady, N. Y., assignor to General Electric Company. Compressor unloader. 2,338,486; Jan. 4.

Bixler, Harley H., Niskayuna, N. Y., assignor to General Electric Company. Compressor. 2,339,048; Jan. 11.

Bixler, Harley H., Schenectady, N. Y., assignor to General Electric Company. Compressor assembly. 2,361,815; Oct. 31.

Bixler, Milo E., assignor to The Hoover Company, North Canton, Ohio. Refrigeration. 2,363,385; Nov. 21.

Bixler, Paul S., Westminster, Md. Dispensing container. 2,360,543; Oct. 17.

Bjering, Olav. (See Hohl, J., and Bjering.)

Bjerke, Henry C. (See Erickson, Jens, assignor.)

Bjork, Albin A., Ashland, Wis. Boat wheel barrow. 2,361,592; Oct. 31.

Bjork, Paul E., assignor to The Brown Instrument Company, Philadelphia, Pa. Viscosimeter. 2,340,507; Feb. 1.

Bjorkman, Charles T., Alhambra, Calif. Land torpedo. 2,340,299; Feb. 1.

Black, Charles F., assignor, by mesne assignments, to Central Equipment Co., Chicago, Ill. Clamp. 2,339,138; Jan. 11.

Black, Charles F., assignor, by mesne assignments, to Central Equipment Co., Chicago, Ill. Clamp. 2,349,809; May 30.

Black and Decker Manufacturing Company, The. (See Decker, Alonzo G., assignor.)

Black and Decker Manufacturing Company. (See Short, Harold O., assignor.)

Black-Clawson Company, The. (See Staege, Stephen A., assignor.)

Black, Donald H., Salem, Oreg. Acetylene torch. 2,365,379; Dec. 19.

Black, Elam L., et al. (See Black, James E., assignor.)

Black, Franklin, Los Angeles, Calif. Copy holder. 2,347,730; May 2.

Black, Harold S., Elmhurst, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Thermosensitive control circuit. 2,341,013; Feb. 8.

Black, Harold S., Elmhurst, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission regulation. 2,361,593; Oct. 31.

Black, Henry R., Toledo, Ohio, assignor to Owens-Corning Fiberglas Corporation. Filtering and filtering apparatus. 2,350,011; May 30.

Black, Howard C. (See Phelps, G. W., and Black.)

Black, James E., assignor, by mesne assignments, to J. E., E. L., W. J., and V. Black, a partnership doing business as Black Systems, Chicago, Ill. Shingle joint insert. 2,361,450; Oct. 31.

Black, James J., assignor to The Trailer Company of America, Cincinnati, Ohio. Turntable mechanism for trailers or trucks. 2,346,900; Apr. 18.

Black, James J., assignor to The Trailer Company of America, Cincinnati, Ohio. Prop for semitrailers. 2,358,488; Sept. 19.

Black, James J., assignor, by mesne assignments, to The Trailer Company of America, Cincinnati, Ohio. Trailer or truck roof structure. 2,365,934; Dec. 26.

Black, John E. and R. S., Mendota, Ill. Glue spreader, surface coater, and the like. 2,343,363; Mar. 7.

Black, John E. and R. S., Mendota, Ill. Glue spreader, surface coater, and the like. 2,362,238; Nov. 7.

Black, Lawrence S., and C. H. Mellor, Denver, Colo. Electric crucible. 2,351,594; June 20.

Black, Leroy G., E. B. Fitch, and H. B. Suhr, assignors to American Potash & Chemical Corporation, Trona, Calif. Preparing solutions containing high ratios of sodium carbonate to sodium sulphate. 2,348,164; May 2.

Black, Mike, assignor to H. H. Nieberding, Cincinnati, Ohio. Patient's lift attachment for beds. 2,348,778; May 16.

Black, Mike, assignor to H. H. Nieberding, Cincinnati, Ohio. Patient's lift attachment for beds. 2,348,779; May 16.

Black, Mike, assignor, by mesne assignments, to B. S. Schwartz, Cincinnati, Ohio. Folding stool. 2,359,821; Oct. 10.

Black, Paul, Rahway, N. J. Condiment shaker. 2,340,841; Feb. 1.

Black, Robert S. (See Black, John E. and R. S.)

Black Systems. (See Black, James E.)

Black, Virginia, et al. (See Black, James E., assignor.)

Black, Whitfield J., et al. (See Black, James E., assignor.)

Blackburn Aircraft Limited. (See Nivison, David B., assignor.)

Blackburn, Donald M. (See Somerville, Thomas W. and W., and Blackburn.)

Blackburn, George, and Sons Limited. (See Start, Harry W. and E., assignors.)

Blackburn, Jasper, Webster Groves, Mo. Control switch for steering wheels. 2,342,915; Feb. 29.

Blackburn, Luther A. Huntington Park, Calif. Long stroke deep oil well pumping jack unit. 2,351,183; June 13.

Blackburn, Walter A., et al. (See Chandler, Walter R., assignor.)

Blackhawk Mfg. Co. (See Anderson, Conrad A., assignor.)

Blackhawk Mfg. Co. (See Pfauser, Edward M., assignor.)

Blackhurst, Lawrence N. (See Reinhardt, R. C., Jones, and Blackhurst.)

Blackley, James L., and W. P. V. Ross, assignors to The Duplex Printing Press Company, Battle Creek, Mich. Automatic directional ink fountain drive. 2,350,580; June 6.

Blackman, Edward L., Greenwich, Conn. Sailing vessel. 2,353,007; July 4.

Blackman, John A., Pensacola, Fla. Radio instruction key. 2,341,591; Feb. 15.

Blackman, Stanley, Brooklyn, N. Y. Dispensing container. 2,360,609; Nov. 14.

Blackmore, William, Cleveland Heights, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Oil conveying member for journal boxes. 2,365,042; Dec. 12.

Blackshaw, Harold, and N. H. Haddock, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Dyeing cellulosic fiber with phthalocyanines. 2,339,739; Jan. 18.

Blackshaw, Harold, and N. H. Haddock, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Phthalocyanine azo dyes on cellulosic fibers. 2,339,740; Jan. 18.

Blackstone Corporation. (See Briggs, Allan L., assignor.)

Blackstone Manufacturing Co. (See Maier, Carl E., assignor.)

Blackstone, Selwyn R., Madison, Wis. Coin packer. 2,355,201; Aug. 8.

Blades, Archie L. (See Abernathy, Clyde G., assignor.)

Blaes, Edward G., Glendale, N. Y., assignor of one-third to G. V. Oldham, Summit, and one-third to S. H. Rust, New Brunswick, N. J. Roller skate. 2,356,736; Aug. 29.

Blaettler, Paul X. (See Ferla, John, assignor.)

Blaha, Emil, Cheltenham, Pa., assignor to Selas Corporation of America. Forming pervious ceramic bodies. 2,360,929; Oct. 24.

Blain, Albert, Philadelphia, Pa., assignor to Radio Corporation of America. Facsimile apparatus. 2,354,571; July 25.

Blaine, Clarence C. (See Titus, B. D., and Blaine.)

Blair, Charles M., Jr. (See Lehmann, S., Jr., and Blair.)

Blair, Charles M., Jr., Webster Groves, Mo., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Composition of matter, making same, and improved lubricating oil. 2,342,113; Feb. 22.

Blair, Charles M., Jr., Webster Groves, Mo., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Composition of matter, making same, and improved lubricating oil. 2,342,114; Feb. 22.

Blair, Charles M., Jr., Webster Groves, and S. Lehmann, Jr., University City, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Increasing productivity of subterranean oil-bearing strata. 2,356,205; Aug. 22.

Blair, Donald W., Houston, Tex., and F. G. Boucher, Tulsa, Okla., assignors to Standard Oil Development Company. Clamping means for force-responsive element. 2,349,404; May 23.

Blair, Emile, assignor to Standard Aircraft Products, Inc., Dayton, Ohio. Method and apparatus for forming tubes by extrusion. 2,363,635; Nov. 28.

Blair, George, Berwyn, Pa. Signaling device. 2,350,717; June 6.

Blair, George W. (See Bodle, V. H., and Blair.)

Blair, George W. (See Luxenberger, E. A., Blair, and Schott.)

Blair, Lyman C., Houston, Tex. Luminous discharge lamp especially for photographic enlargers and projectors. 2,364,889; Dec. 12.

Blair, Tom A., Amarillo, Tex. Tamping device. 2,353,990; July 18.

Blair, Walter, Detroit, Mich. Feed mechanism. 2,341,014; Feb. 8.

Blair, Wallace P., Midland, Tex., and W. A. Schillinger, assignors to Zero Hour Bomb Company, Tulsa, Okla. Device for loading explosives in wells. 2,365,798; Dec. 26.

Blake, Edward S., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Preparing morpholine sulphides. 2,343,524; Mar. 7.

Blake, George F., Garden City, N. Y. Baby walker. 2,359,965; Oct. 10.

Blake, Kenneth R., Anderson, assignor to Bendix Aviation Corporation, South Bend, Ind. Carburetor. 2,362,346; Nov. 7.

Blake Manufacturing Corporation. (See Wood, Orville T., assignor.)

Blake, Robert P., Cambridge, Mass., assignor to Polaroid Corporation, Dover, Del. Apparatus and method for orienting the surface molecules of plastic materials. 2,354,243; July 25.

Blake, Robert W. (See Jurs, A. E., Jr., and Blake.)

Blake, Virginia, Miami Beach, Fla. Utility bag. 2,338,279; Jan. 4.

Blake, Whitney, Company, The. (See Judisch, Carl H., assignor.)

Blakely, Robert T. (See Dickinson, A. H., and Blakely.)

Blakely, Robert T., Amityville, assignor to International Business Machines Corporation, New York, N. Y. Machine for reading perforated record cards. 2,348,051; May 2.

Blakeman, Henry W., Rayville, La. Cover plate. 2,363,567; Nov. 28.

Blaker, Cedric G., et al. (See James, N. R., and Talley, assignors.)

Blaker, David G., Webb City, and M. P. Matuszak, Bartlesville, Okla., assignors to Phillips Petroleum Company. Improving catalysts. 2,348,780; May 16.

Blaker, David G., Webb City, Okla., assignor to Phillips Petroleum Company. Chromium oxide catalyst. 2,351,094; June 13.

Blakeslee, G. S., & Co. (See Karp, Edward J., assignor.)
Blanc, Adolph I., Chicago, Ill. Trimming board. 2,345,450; Mar. 28.
Blanc, W., et L. Paiche. (See Blanc, William V., assignor.)
Blanc, William V., assignor to W. Blanc et L. Paiche, Geneva, Switzerland. Charge forming device. 2,354,179; July 25.
Blancha, Felix C., Manoa, Pa., assignor to Radio Corporation of America. Counting mechanism. 2,356,914; Aug. 29.
Blancha, Felix C., Manoa, Pa., assignor to Radio Corporation of America. Cooling system. 2,362,044; Nov. 7.
Blanchard, Alva G., Shreveport, La. Pivot structure. 2,362,429; Nov. 7.
Blanchard, Arthur D., Bloomfield, assignor to Bendix Aviation Corporation, Bendix, N. J. Connector. 2,361,816; Oct. 31.
Blanchard, Charles E. (See Ferre, A. W., and Blanchard.)
Blanchard, Charles E., Randolph, and A. W. Ferre, Wellesley, assignors to B. F. Sturtevant Company, Hyde Park, Boston, Mass. Drier. 2,348,174; May 2.
Blanchard, Charles E., Randolph, and A. W. Ferre, Wellesley, assignors to B. F. Sturtevant Company, Hyde Park, Boston, Mass. Dusting apparatus. 2,358,138; Sept. 12.
Blanchard, Frederick W., Hampstead, assignor to T. McAvity & Sons Limited, Montreal, Quebec, Canada. Cab lamp. 2,364,020; Nov. 28.
Blanchard, Irvin H., assignor to Beech Aircraft Corporation, Wichita, Kans. Turnbuckle wrench. 2,358,555; Sept. 19.
Blanchard, Loring W., Jr. (See Malm, C. J., and Blanchard.)
Blanchard, Raymond H., Melrose, Mass., assignor to The B. F. Goodrich Company, New York, N. Y. Rubber outsole for footwear. 2,347,872; May 2.
Blanchard, Werner J., and C. S. J. MacNeil, Dayton, Ohio, assignors, by mesne assignments, to General Motors Corporation, Detroit, Mich. Propeller mechanism. 2,362,444; Nov. 14.
Blanchon, Louis C., assignor to Meyer Koulish Co. Inc., New York, N. Y. Polishing machine for "V" jewels. 2,351,095; June 13.
Bland, Thomas W., assignor of one-fourth to R. E. Cavins, San Jose, Calif. Can filling machine. 2,356,737; Aug. 29.
Blanding, Joseph E., New London, assignor of forty-nine per cent to P. B. McNamara, Groton, Conn. Oil fuel feed device. 2,352,682; July 4.
Blaney, Arthur C., Los Angeles, Calif., assignor to Radio Corporation of America. Variable density sound recording method and system. 2,361,451; Oct. 31.
Blank, Frank F., Walcott, Iowa. Portable conveyer and loader. 2,343,133; Feb. 29.
Blank, John M. (See Hofmann, V. E., and Blank.)
Blank, Joseph N., Newport, assignor to The Wadsworth Electric Manufacturing Company, Covington, Ky. Sectional channel closure means. 2,355,845; Aug. 15.
Blank, Taalkens A. (See Plummer, R. K., Hamlet, and Blank.)
Blankenbuehler, John H., Edgewood, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Welding generator. 2,342,720; Feb. 29.
Blankenbuehler, John H., Edgewood, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Arc voltage or arc length indicator. 2,351,910; June 20.
Blankenhorn, Charles F. (See Dawson, R. D., and Blankenhorn.)
Blasier, Herbert, Arcadia, Calif. Measuring earth potentials. 2,344,672; Mar. 21.
Blaski, John F., Chicago, Ill. Arched wooden rafter. 2,342,916; Feb. 29.
Blau, Henry H., Bexley, Ohio, assignor to Corning Glass Works, Corning, N. Y. Making glass articles. 2,339,975; Jan. 25.
Blau, Henry H., Elmira, assignor to Corning Glass Works, Corning, N. Y. Construction block and manufacture. 2,355,262; Aug. 8.
Blau, Henry H., Elmira, N. Y., and R. W. Kell, Charlerol, Pa., assignors to Corning Glass Works, Corning, N. Y. Glassworking apparatus. 2,357,993; Sept. 12.
Blau, Henry H., Bexley, Ohio, assignor to Corning Glass Works, Corning, N. Y. Minus green filter glass. 2,357,994; Sept. 12.
Blau, Ludwig W., and G. E. Cannon, Houston, Tex., assignors to Standard Oil Development Company. Thermal well-logging. 2,352,247; June 27.
Blunck, Ford H. (See Lamb, G. G., and Blunck.)
Blundell, Eustace E. (See Duncan, Lane W., assignor.)
Blauvelt Associates, Inc. (See Blauvelt, Warren S., assignor.)
Blauvelt Associates, Inc. (See Blauvelt, W. S., and Curry, assignors.)
Blauvelt, Frederic D., Upper Montclair, N. J. Consolidating in a single beam light from a plurality of sources. 2,342,115; Feb. 22.
Blauvelt, Warren S., Ann Arbor, Mich., assignor to Blauvelt Associates, Inc., Troy, N. Y. Heat transfer device. 2,344,588; Mar. 21.
Blauvelt, Warren S., Ann Arbor, Mich., and N. A. Curry, assignors to Blauvelt Associates, Inc., Troy, N. Y. Furnace. 2,345,231; Mar. 28.
Blaw-Knox Company. (See Bushnell, James E., assignor.)
Blaw-Knox Company. (See Croft, George M., assignor.)
Blaw-Knox Company. (See Venable, William H., assignor.)
Blaw-Knox Company. (See Venable, William M., assignor.)
Blay, Harold P., and F. G. Thannhauser, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Steering wheel cigarette case. 2,353,806; July 18.
Blechman, Irving, New York, N. Y. Collapsible wardrobe cabinet. 2,341,899; Feb. 15.
Blechta, Edward F., Berwyn, Ill. Placard. 2,343,741; Mar. 7.
Bleher, William C. (See Knowland, T. M., and Bleher.)
Bleichfeld, Sol, Buffalo, N. Y. Bag sorting apparatus. 2,338,088; Jan. 4.
Blenman, Charles, Jr., U. S. Navy. Aviation training apparatus. 2,359,294; Oct. 3.
Blessing, Harry A. (See Liebmann, August G., assignor.)
Blessing, Leonard M., Alexandria, Va., assignor to American Telephone and Telegraph Company. Telephone system. 2,345,959; Apr. 4.
Bletso, Bruce N., East Cleveland, C. F. Hood, Shaker Heights, Ohio, and W. S. Morgan, Plainfield, Ill., assignors to The American Steel and Wire Company of New Jersey. Wire winding mechanism. 2,348,595; May 9.
Blewett, Elias W., Forty Fort, Pa. Sewing-machine attachment. 2,355,700; Aug. 15.
Bley, Rudolph S., Milligan College, Tenn., assignor to North American Rayon Corporation, New York, N. Y. Viscose solution. 2,341,509; Feb. 15.
Bley, Rudolph S., Milligan College, Tenn., assignor to North American Rayon Corporation, New York, N. Y. Coagulating bath containing cation-active inhibitors. 2,345,570; Apr. 4.
Bley, Rudolph S., Milligan College, Tenn., assignor to North American Rayon Corporation, New York, N. Y. Viscose spinning solution. 2,348,203; May 9.
Blickensderfer, Philip S., assignor to The Champion Paper and Fibre Company, Hamilton, Ohio. Coating paper. 2,360,325; Oct. 24.
Blickman, Bernard L., New York, N. Y. Producing simulated stocking seams. 2,353,291; July 11.
Bliley Electric Company. (See Wolfskill, John M., assignor.)
Bliss, E. W., Company. (See Anelros, Joseph, assignor.)
Bliss, E. W., Company. (See Cannon, Earl, assignor.)
Bliss, E. W., Company. (See Crane, R. V., and Auer, assignors.)
Bliss, E. W., Company. See Groll, Alvin F., assignor.)
Bliss, E. W., Company. (See Groll, A. F., and Hatch, assignors.)
Bliss, E. W., Company. (See Krueger, Frank, assignor.)
Bliss, E. W., Company. (See Rode, F. J., and Hatch, assignors.)
Bliss, E. W., Company. (See Williamson, Larkin R., assignor.)
Bliss, Harvey N., Windsor, assignor to Veeder-Root Incorporated, Hartford, Conn. Counter unit mechanism. 2,342,325; Feb. 22.
Bliss, Harold D., South Salem, assignor to T. Nagel, Brooklyn, N. Y. Oil burning equipment and controlling mechanism therefor. 2,362,045; Nov. 7.
Bliss, Harvey N., Windsor, assignor to Veeder-Root Incorporated, Hartford, Conn. Recorder for collections. 2,346,145; Apr. 11.
Bliss, Lyman A., New York, and O. A. Hansen, Kenmore, assignors to The Linde Air Products Company, New York, N. Y. System for converting a liquefied gas into vapor. 2,362,968; Nov. 21.
Bliss, Warren H., Orono, Maine, assignor to Radio Corporation of America. Frequency demodulator. 2,350,869; June 6.
Bliss, Warren H., Orono, Maine, assignor to Radio Corporation of America. Image reproducing apparatus. 2,353,631; July 18.
Bliss, Warren H., Orono, Maine, assignor to Radio Corporation of America. Radio telegraph multiplex system. 2,363,450; Dec. 19.
Blizard, John, Garden City, assignor to Foster Wheeler Corporation, New York, N. Y. Steam generator. 2,358,785; Sept. 26.
Bloch, Arthur, Jamaica, and G. R. Arons, New York, N. Y. Vehicle. 2,363,636; Nov. 28.
Bloch, Herman S. (See Pines, H., and Bloch.)
Bloch, Herman S. (See Thomas, C. L., and Bloch.)
Bloch, Herman S., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,357,495; Sept. 5.
Bloch, Herman S., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,358,311; Sept. 19.
Bloch, Herman S., and R. E. Sehaad, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of butane. 2,346,657; Apr. 18.
Block, J. & I. (See Block, Joseph, assignor.)
Block, Joseph, assignor to J. & I. Block, New York, N. Y. Infuser. 2,358,556; Sept. 19.

Block, Richard J., and D. Bolling, Scarsdale, N. Y., assignors to C. M. Armstrong, Inc. Food product. 2,344,229; Mar. 14.
Blodgett, Clarence M., New York, N. Y. Clamping socket attachment. 2,343,525; Mar. 7.
Blodgett, Clarence M., New York, N. Y. Fastener. 2,362,445; Nov. 14.
Blodgett, Herbert C., assignor to Overhead Door Corporation, Hartford City, Ind. Reversing door control and switch therefor. 2,343,951; Mar. 14.
Bloedorn, Clyde H., Chicago, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Preparing shrimp for canning. 2,365,519; Dec. 19.
Blok, Lourens, Eindhoven, Netherlands. Synchroscope. 2,358,439; Sept. 19.
Blomberg, Knut H., Appelviken, C. L. P. Broomé, Stockholm, F. A. Dahlgren, Djursholm, A. G. Johansson, Stockholm, and S. O. Lundholm, Djursholm-Ekeby, assignors to Telefonaktiebolaget L. M. Ericsson, Stockholm, Sweden. Remote control system. 2,357,995; Sept. 12.
Blomberg, Martin P., Hinsdale, Ill., assignor to General Motors Corporation, Detroit, Mich. Brake rigging. 2,350,081; Sept. 26.
Blomberg, Otto J., and H. A. Eklind, Chicago, Ill. Brake signal. 2,343,394; Mar. 7.
Blomqvist, Gustav M., and S. F. Torstensson, Stockholm, Sweden, assignors, by mesne assignments, to Servel, Inc., New York, N. Y. Refrigeration. 2,348,596; May 9.
Blood, Grosvenor T., East Orange, assignor to Downy Products Company, Orange, N. J. Cleaning cloth. 2,341,354; Feb. 8.
Blood, Harold L., assignor to The Heald Machine Company, Worcester, Mass. Method of and apparatus for the generative formation of surfaces of ovate section. 2,348,881; May 16.
Bloom, Frederick S. (See Conway, Leon F., assignor.)
Bloom, Frederick S., Pittsburgh, Pa. Liquid control apparatus. 2,339,753; Jan. 25.
Blood, Louis H., Covington, Ky., and H. Ernst, assignors to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Milling machine. 2,365,043; Dec. 12.
Bloom, Murray, Bronx, N. Y. Lady's garment. 2,362,239; Nov. 7.
Bloom, Oscar T., assignor to Industrial Patents Corporation, Chicago, Ill. Defeathering compound. 2,353,869; July 18.
Bloom, Samuel, Dorchester, Mass. Ice skate. 2,352,599; July 4.
Bloomberg, David J., Newton, Mass., assignor to General Electric Company. Elastic fluid turbine blading. 2,355,413; Aug. 8.
Bloomberg, Joseph E., assignor to Milwaukee Saddlery Company, Milwaukee, Wis. Seat and making the same. 2,347,538; Apr. 25.
Bloomer Bros. Company. (See Inman, William H., assignor.)
Bloomfield, John J., Burbank, Calif., assignors, by mesne assignments, to Lockheed Aircraft Corporation. Magnetic clutch. 2,347,873; May 2.
Bloomfield, Sam, Wichita, Kans. Drilling unit for jigs or the like. 2,355,263; Aug. 8.
Bloomfield, Sam, Wichita, Kans. Windshield for motor vehicles. 2,355,264; Aug. 8.
Bloomfield, Samuel, Wichita, Kans. Stop nut. 2,365,380; Dec. 19.
Bloore, Ernest J. (See Copeland, R. J., and Bloore.)
Bloser, Dwight W. (See Farmer, P. M., and Bloser.)
Bloser, Dwight W. (See Farmer, P. M., Bloser, and Kleinknecht.)
Bloss, Herman, Shelton, Conn. Riveting or staking machine. 2,364,420; Dec. 5.
Blosser, Herman G. (See Staples, C. E., and Blosser.)
Blosser, Herman G., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Coded track circuits. 2,365,799; Dec. 26.
Blough, Ronald S., assignor to The Dexter Company, Fairfield, Iowa. Agitator. 2,358,205; Sept. 12.
Blouin, Joseph P., Methuen, Mass. Filling stop motion for looms. 2,365,044; Dec. 12.
Blount, Arthur L., Palos Verdes Estates, assignor to Union Oil Company of California, Los Angeles, Calif. Alkylation. 2,356,374; Aug. 22.
Blount, Frank E., Cedar Grove, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,355,903; Aug. 15.
Blount Plow Works. (See Rude, John F., assignor.)
Blozon, Ralph T., Chicago, Ill. Tool for closing parachute packs. 2,357,805; Sept. 12.
Bludworth, Joseph E., Cumberland, Md., assignor to Celanese Corporation of America. Laminating fabric. 2,348,781; May 16.
Bludworth, Joseph E., Cumberland, Md., assignor to Celanese Corporation of America. Separation of aldehydeketone mixtures. 2,355,140; Aug. 8.
Blue, Lebert E., Teaneck, N. J., assignor to Transit Research Corporation, New York, N. Y. Heating and ventilating system for car bodies. 2,351,096; June 13.
Bluemle, Arnold A., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Electric switch. 2,347,874; May 2.
Blum, Arthur N., Philadelphia, Pa. Saw. 2,351,737; June 20.
Blum, Arthur N., Philadelphia, Pa. Cutting chain. 2,351,738; June 20.
Blum, Arthur N., Philadelphia, Pa. Chain saw. 2,351,739; June 20.
Blum, Arthur N., Philadelphia, Pa. Chain saw. 2,351,740; June 20.
Blum, Gustave K., and A. E. Peters, York, assignors to The McKay Company, Pittsburgh, Pa. Yielding pressure welding. 2,354,983; Aug. 1.
Blum, Henry S. (See Lakhovsky, George, assignor.)
Blum, Jerome J., assignor to The Fibre Forming Corporation, Olean, N. Y. Container. 2,351,804; June 20.
Blum, Jerome J., assignor to The Fibre Forming Corporation, Olean, N. Y. Container. 2,356,969; Aug. 29.
Blumberg, Paul, assignor to Meili-Blumberg Corporation, New Holstein, Wis. Road marking device. 2,345,653; Apr. 4.
Blume, Frank J., Chicago, Ill. Pneumatic dispatch system. 2,353,870; July 18.
Blumenfeld, Max D. (See Eisenman, W., and Blumenfeld.)
Blumenkranz, Nathaniel M. H., Peekskill, N. Y. Preserving fruit and vegetables juices. 2,365,674; Dec. 26.
Blumensaadt, Svend G., Cleveland Heights, and W. H. Neely, assignors, by mesne assignments, to The Universal Wire Spring Company, Cleveland, Ohio. Wire extension means for spring structures. 2,341,015; Feb. 8.
Blumenthal, Bernhard, Perth Amboy, N. J., assignor to American Smelting and Refining Company, New York, N. Y. Separating impurities from metals or alloys. 2,348,719; May 16.
Blumer, Manuel, Petrolia, Pa., assignor to L. Sonneborn Sons, Inc., New York, N. Y. Treatment of petroleum hydrocarbon stocks. 2,358,773; Sept. 26.
Blumer, Manuel, Petrolia, Pa., assignor to L. Sonneborn Sons Inc., New York, N. Y. Production of mahogany petroleum sulphonic acids. 2,358,774; Sept. 26.
Blumlein, Alan D., Earling, London, and W. H. Connell, Hillingdon, assignors to Electric & Musical Industries Limited, Hayes, Middlesex, England. Modulated carrier wave receiver. 2,340,730; Feb. 1.
Blumstengel, Hugo R., Kansas City, Mo. Heating stove. 2,365,675; Dec. 26.
Blusson, Ronald H., Vancouver, British Columbia, Canada. Sawdust burner feeder. 2,354,647; Aug. 1.
Boaz, William G. (See Agee, William P., Jr., assignor.)
Boberg, Charles P., Chicago, Ill., assignor to Addressograph-Multigraph Corporation, Wilmington, Del. Calculating and printing machine. 2,365,381; Dec. 19.
Bobo, Stephen N., assignor to R. P. Sniffen, New York, N. Y. Adjustable broiler grid holding rack. 2,348,720; May 16.
Bobst, Henri, Lausanne, Switzerland. Automatic blank feeder. 2,353,214; July 11.
Bobst, Henri, Lausanne, Switzerland. Pneumatic brake or stop control for decelerating rotating elements. 2,361,739; Oct. 31.
Bobst, Henri, and J. Küry, Lausanne, assignors to J. Bobst & Fils S. A., Prilly, Switzerland. Platen press for the working of blanks, such as cardboard blanks. 2,353,215; July 11.
Bobst, J., & Fils S. A. (See Bobst, H., and Küry, assignors.)
Bocanegra, John B., Chicago, Ill. Slug vending machine. 2,346,004; Apr. 4.
Bochenek, Joseph, Milwaukee, Wis. Grinding fixture. 2,343,637; Mar. 7.
Bochenek, Walter H., Chicago, Ill. Feeder for automatic screw machines. 2,343,364; Mar. 7.
Bocji Corporation. (See Gerin, Fernand L., assignor.)
Bocji Corporation. (See Lang, Joseph C., assignor.)
Bocji Corporation. (See La Place, Desmond R., assignor.)
Bocji Corporation. (See Phillips, Emery E., assignor.)
Bock, Carl J., Birmingham, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Transfer case for power transmissions. 2,354,300; July 25.
Bock, Charles S., assignor to Andrew Hoffman, Chicago, Ill. Door lock. 2,350,092; May 30.
Bock, Eugen. (See Bestian, H., and Bock.)
Bock, Eugen, Krefeld-Uerdingen, Germany; vested in the Alien Property Custodian. Adhesive and coating material. 2,348,447; May 9.
Bock, George E., Chicago, assignor to Whiting Corporation, Harvey, Ill. Hoisting apparatus. 2,343,638; Mar. 7.
Bock, George E., Chicago, assignor to Whiting Corporation, Harvey, Ill. Electric traveling hoist. 2,353,437; July 11.
Bock, Helmuth. (See Moldenhauer, O., and Bock.)
Bock, Louis H., Huntingdon Valley, assignor to Röhm & Haas Company, Philadelphia, Pa. Electrolytic preparation of capillary-active quartenary ammonium hydroxides. 2,363,386; Nov. 21.
Bock, Louis H., Huntingdon Valley, assignor to Röhm & Haas Company, Philadelphia, Pa. Electrolytic process of preparing quarternary ammonium hydroxide. 2,363,387; Nov. 21.
Bock, Louis H., Huntingdon Valley, and A. L. Houk, assignors to Röhm & Haas Company, Philadelphia, Pa. Reaction of acrylamide with cellulose. 2,338,681; Jan. 4.

Bock, Louis H., and A. L. Houk, assignors to Röhm & Haas Company, Philadelphia, Pa. Improving the washfastness of sizes with urea derivatives. 2,342,785; Feb. 29.

Bock, Louis H., Huntingdon Valley, and A. L. Houk, assignors to Röhm & Haas Company, Philadelphia, Pa. Alkali-soluble carboxyethyl cellulose ether. 2,349,797; May 30.

Bock, Louis H., Huntingdon Valley, and A. L. Houk, assignors to Röhm & Haas Company, Philadelphia, Pa. Stabilization of cellulosic fabrics with oxymethyl quaternary salts. 2,351,581; June 20.

Bock, Louis H., Huntingdon Valley, and A. L. Houk, assignors to Röhm & Haas Company, Philadelphia, Pa. Polyalkylene polyaminomalonamide resins. 2,352,070; June 20.

Bock, Louis H., Huntingdon Valley, and A. L. Houk, assignors to Röhm & Haas Company, Philadelphia, Pa. Aminoalkyl malonamide resins. 2,352,071; June 20.

Bock, Louis H., Huntingdon Valley, and A. L. Houk, assignors to Röhm & Haas Company, Philadelphia, Pa. Textile materials. 2,355,265; Aug. 8.

Bockius, Walter A., Glenview, Ill. Shelf construction. 2,365,622; Dec. 19.

Bocksruker, Alexander F. (See Land, H. A., and Bocksruker.)

Bodden, William H., York, Pa. Spool structure. 2,353,216; July 11.

Bode, Geert. (See Weber, K., and Bode.)

Bode, Hendrik W., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave transmission network. 2,342,638; Feb. 29.

Boden, Ernest G., assignor to The Timken Roller Bearing Company, Canton, Ohio. Oil seal. 2,341,900; Feb. 15.

Bodenstein, Paul H., assignor to J. Haimowitz and J. D. Shifrin, New York, N. Y. Dehydration process. 2,354,496; July 25.

Bodin, George, assignor to Goodman Manufacturing Company, Chicago, Ill. Slack or cuttings removing attachment for kerf-cutting machines. 2,352,683; July 4.

Bodine, Albert G., Jr., Burbank, assignor to The Calpat Corporation, Los Angeles, Calif. Method and apparatus for relatively moving two elements. 2,350,212; May 30.

Bodine, Albert G., Jr., Burbank, Calif. Method and apparatus for pumping. 2,355,618; Aug. 15.

Bodine, Albert G., Jr., Burbank, assignor to The Calpat Corporation, Los Angeles, Calif. Apparatus for indicating pressure changes over time intervals. 2,362,446; Nov. 14.

Bodle, Virgil H., assignor to Mishawaka Rubber and Woolen Manufacturing Company, Mishawaka, Ind. Carpet. 2,349,236; May 23.

Bodle, Virgil H., and G. W. Blair, assignors to Mishawaka Rubber and Woolen Manufacturing Company, Mishawaka, Ind. Carpet underlay or the like and making same. 2,339,142; Jan. 11.

Bodle, Virgil H., and G. W. Blair, assignors to Mishawaka Rubber and Woolen Manufacturing Company, Mishawaka, Ind. Making flocked floor coverings. 2,345,376; Mar. 28.

Bodnar, Stephen, Cleveland, and W. S. Gaines, Chagrin Falls, assignors to Porcelain Steels, Inc., Cleveland, Ohio. Conduit connection for enameled tanks. 2,362,983; Nov. 21.

Boe, Swen, and J. B. Hanson, Minneapolis, Minn. Garment hanger. 2,357,496; Sept. 5.

Boeckeler, Benjamin C., New York, N. Y., and M. J. P. Bogart, Teaneck, N. J., assignors to The Lummus Company, New York, N. Y. Sterilizing fermenter vessels. 2,338,227; Jan. 4.

Boeckeler, Benjamin C., Riverside, Conn., and M. J. P. Bogart, Teaneck, N. J., assignors to The Lummus Company, New York, N. Y. Fermentation. 2,338,228; Jan. 4.

Boecking, Ewald, Great Kills, assignor to International Projector Corporation, New York, N. Y. Framing mechanism. 2,363,855. Nov. 28.

Boeddinghaus, Hugo, Newburgh, assignor to American Felt Company, New York, N. Y. Bonding sheet material. 2,364,616; Dec. 12.

Boedeker, Edward W., assignor of fifty per cent to H. J. Herbst, Fort Wayne, Ind. Hosiery. 2,347,457; Apr. 25.

Boegeheld, Alfred L., assignor to General Motors Corporation, Detroit, Mich. Treatment of cast iron. 2,339,673; Jan. 18.

Boehm, Irwin G., Dayton, Ohio. Timing device. 2,348,722; May 16.

Boehm, Paul F., Greenwich, Conn., assignor to James G. Biddle Company, Philadelphia, Pa. Reed and constructing the same. 2,339,139; Jan. 11.

Boehm, Robert M., and H. E. Hall, assignors to Masonite Corporation, Laurel, Miss. Producing carbon and activating the same, and products thereof. 2,362,463; Nov. 14.

Boehmer, Wilhelm. (See Klein, H., Hemmann, Keinke Hofmann and Boehmer.)

Boeing Aircraft Company. (See Allen, E. T., and Schairer, assignors.)

Boeing Aircraft Company. (See Berry, Mitchell M., assignor.)

Boeing Aircraft Company. (See Helberg, Robert J., assignor.)

Boeing Aircraft Company. (See Peterson, Gerald A., assignor.)

Boeing Aircraft Company. (See Pierce, Lyle L., assignor.)

Boeing Aircraft Company. (See Reed, Elsa L., assignor.)

Boeke, Jan, Eindhoven, Netherlands; vested in the Alien Property Custodian. Method and device for detecting traces of foreign gases, vapours, or mists in the atmosphere. 2,363,478; Nov. 28.

Boelter, Rudolph G., Chicago, Ill. Expansion nail or the like. 2,362,969; Nov. 21.

Boenau, Arthur H. (See Spelshouse, W. E., and Boenau.)

Boerger, Martin G., assignor, by mesne assignments, to Twin Disc Clutch Company, Racine, Wis. Blade. 2,357,628; Sept. 5.

Boeringer, Ralph, University City, assignor to Wagner Electric Corporation, St. Louis, Mo. Transformer anchoring means. 2,351,097; June 13.

Boerner, Arthur R., assignor, by mesne assignments, to Automatic Products Company, Milwaukee, Wis. Chair iron. 2,354,736; Aug. 1.

Boerner, Arthur R., assignor, by mesne assignments, to Automatic Products Company, Milwaukee, Wis. Chair. 2,363,935; Nov. 28.

Boerner, Rudolf, Berlin, Germany; vested in the Alien Property Custodian. Parabolic reflector. 2,342,721; Feb. 29.

Boersma, Reemer A., assignor to Duffy Manufacturing Company, Holland, Mich. Attaching device. 2,358,206; Sept. 12.

Boese, Albert B., Jr., Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. N-acyl-n-alkanol aromatic amines. 2,355,141; Aug. 8.

Boesel, Charles F., St. Louis, Mo. Absorbent closure cap. 2,362,796; Nov. 14.

Boettcher, Arthur C., Chicago, Ill. Press attachment. 2,356,300; Aug. 22.

Boettcher, George E., et al. (See Reece, C. W., and Cooney, assignors.)

Bogart, Fred H., University Heights, assignor to The Warner & Swasey Company, Cleveland, Ohio. Work gripping device. 2,358,049; Sept. 12.

Bogart, Marcel J. P. (See Boeckeler, B. C., and Bogart.)

Bogaty, Stanislaus, assignor to Proctor & Schwartz, Incorporated, Philadelphia, Pa. Method and apparatus for treating fibrous material. 2,338,619; Jan. 4.

Bogert, Marston T., New York, and E. J. Mills, Jr., New Rochelle, assignors to E. R. Squibb & Sons, New York, N. Y. Preparing β-thio-ethylamines. 2,358,786; Sept. 26.

Bogg, William A., Jr., assignor of one-half to W. M. Clampett, Fairfield, Conn. Shield for gun firing mechanism. 2,364,340; Dec. 5.

Boggs, Beryl A., Portsmouth, Va. Clamp. 2,365,935; Dec. 26.

Boggs, Jesse K., Niagara Falls, N. Y., and L. M. Burgess, Chatham, N. J., assignors to J. M. Huber, Inc., New York, N. Y. Thermofluid printing ink. 2,361,740; Oct. 31.

Bogin, Charles, assignor to Commercial Solvents Corporation, Terre Haute, Ind. Cellulose triacetate composition. 2,350,300; May 30.

Bogner, Peter, assignor to Saml. Hanson & Son, Limited, London, England. Soldering device. 2,344,589; Mar. 21.

Bogner, Peter, Uxbridge, assignor to Saml. Hanson & Son Limited, London, England. Provision of rip-wires in canisters. 2,350,870; June 6.

Bogner, Peter, Oxford, assignor to Saml. Hanson & Son, Limited, London, England. Canister provided with rip-wire opening device. 2,350,871; June 6.

Bogopolsky, Jacques, New York, N. Y., now by judicial change of name Jacques Bolsey. Photographic arrangement. 2,352,176; June 27.

Bogue, Charles B., San Francisco, Calif. Machine for viewing and segregating film. 2,338,400; Jan. 4.

Bogue, Leonard E., assignor to Bendix Aviation Corporation, South Bend, Ind. Fastening device. 2,365,520; Dec. 19.

Bogue, Walter H., East Orange, N. J. Paper box. 2,352,766; July 4.

Bohan, Patrick J., Sailor Springs, assignor of thirty per cent to J. E. Pixley, East St. Louis, Ill. Anti-aircraft gun. 2,338,682; Jan. 4.

Bohannan, Robert S., assignor to Toledo Scale Company, Toledo, Ohio. Weighing scale. 2,341,173; Feb. 8.

Bohannan, Robert S., assignor to Toledo Scale Company, Toledo, Ohio. Hydraulic scale. 2,341,174; Feb. 8.

Bohannan, Robert S., assignor to Toledo Scale Company, Toledo, Ohio. Hydraulic force transmission. 2,352,934; July 4.

Bohannan, Robert S., assignor to Toledo Scale Company, Toledo, Ohio. Weighing scale. 2,352,935; July 4.

Böhle, Kurt. (See Tschesche, R., and Böhle.)

Bohlman, George J., Somerville, Mass. Dispensing apparatus. 2,351,393; June 13.

Bohmer, Clarence I. (See Jaeger, G., and Bohmer.)

Bohn Aluminum & Brass Corporation. (See Fiegel, William J., assignor.)

Bohn Aluminum & Brass Corporation. (See McCullough, W. E., and Goldsmith, assignors.)

Bohn Aluminum & Brass Corporation. (See Pattison, Wayne W., assignor.)

Bohrer, George P., Union Township, Union County, assignor to Shaw Insulator Company, Irvington, N. J. Transfer molding press. 2,351,682; June 20.

Boice, John E. (See Boice, William B. and J. E.)

Boice, William B., Toledo, Ohio. Woodworking machine. 2,344,502; Mar. 21.

Boice, William B., Toledo, Ohio. Woodworking machine. 2,346,146; Apr. 11.

Boice, William B. and J. E., Toledo, Ohio. Band saw. 2,347,764; May 2.

Boice, William B. and J. E., Toledo, Ohio. Band saw. 2,347,765; May 2.

Boileau, Arthur H., Cedar Rapids, Iowa, assignor to Cherry-Burrell Corporation, Chicago, Ill. Churn and butterworker. 2,359,744; Oct. 10.

Boillat, Philippe, assignor to the firm Tavannes Machines Co., S. A., Tavannes, Switzerland. Automatic lathe. 2,339,140; Jan. 11.

Boillat, Philippe, assignor to the firm Tavennes Machines Co. S. A., Tavennes, Switzerland. Lathe. 2,348,052; May 2.

Boinot, Firmin C., Melle, France; vested in the Alien Property Custodian. Saccharifying cellulosic materials by means of diluted mineral acids. 2,356,500; Aug. 22.

Boisclair, Maurice A. (See Sheps, L. J., Boisclair, Cooper, and Fristensky.)

Boisseau, Alexander C. (See Gayer, J. D., Frank, and Boisseau.)

Boisseau, Alexander C., Lansdowne, Pa., assignor to General Electric Company. Pumpproof switch control system. 2,346,147; Apr. 11.

Boisseau, Alexander C., Lansdowne, and B. S. Beall, Llanerch, Pa., assignors to General Electric Company. Electric control system. 2,349,647; May 23.

Boissevain, Matthijs G. J. (See Reinhardt, A. E., Boissevain, Shapiro, and Cady.)

Boisseau, Clifford J., Concord, and W. J. Yates, Martinez, assignors to Shell Development Company, San Francisco, Calif. Insecticidal composition. 2,351,583; June 20.

Boivie, Jean I. R., Stockholm, Eweden. Gas purifier. 2,347,731; May 2.

Bok, Arthur B., assignor to Kent-Owens Machine Company, Toledo, Ohio. Milling machine. 2,359,295; Oct. 3.

Bokenkroger, William H. (See Avery, T. M., and Bokenkroger.)

Bokovoy, Samuel A., Verona, N. J., assignor to Federal Telephone and Radio Corporation. Piezo crystal holder. 2,362,797; Nov. 14.

Bokum, William F., Jenkintown, and J. W. Weber, assignors to Proctor & Schwartz, Incorporated, Philadelphia, Pa. Compensator for automatic feeds. 2,353,541; July 11.

Bolar, James M., Hayward, Calif. Steam power plant. 2,343,105; Feb. 29.

Bold, Ralph E., Drexel Hill, Pa., assignor to General Electric Company. Electric switchgear. 2,362,798; Nov. 14.

Boldt, Kenneth. (See Ross, W. B., and Boldt.)

Boldt, Werner F., Clayton, assignor to Wagner Electric Corporation, St. Louis, Mo. Brake control system. 2,347,241; Apr. 25.

Boldt, Werner F., Clayton, assignor to Wagner Electric Corporation, St. Louis, Mo., Hydraulic actuating system. 2,351,008; June 13.

Boldt, Werner F., Clayton, assignor to Wagner Electric Corporation, St. Louis, Mo. Two-way valve mechanism. 2,354,791; Aug. 1.

Boldt, Werner F., Clayton, assignor to Wagner Electric Corporation, St. Louis, Mo. Braking system. 2,360,843; Oct. 24.

Bolen, Edward P., and A. C. Lind, assignors to National Automotive Fibres, Inc., Detroit, Mich. Trim panel. 2,347,806; May 2.

Bolen, Edward P., and E. R. Detrick, assignors to National Automotive Fibres, Inc., Detroit, Mich. Trim panel. 2,349,139; May 16.

Bolen, Edward P., and E. R. Detrick, assignors to National Automotive Fibres, Inc., Detroit, Mich. Trim panel. 2,349,140; May 16.

Bolen, John E. (See Bauman, G. C., Bolen, and Thompson.)

Bolens, Harry W., Port Washington, assignor, by mesne assignments, to Automatic Products Company, Milwaukee, Wis. Tilting chair. 2,359,966; Oct. 10.

Bolesky, John D., assignor to Metals & Controls Corporation, Attleboro, Mass. Switch. 2,345,451; Mar. 28.

Bolidens Gruvaktiebolag. (See Lindblad, A. R., and Malmqvist, assignors.)

Bolinder's Fabriks Aktiebolag. (See Bilde, Tord E. D., assignor.)

Bolinger, George N., assignor to Sta-Rite Ginnie-Lou, Inc., Shelbyville, Ill. Hair ornament. 2,357,871; Sept. 12.

Bölkow, Ludwig, Augsburg, Germany, vested in the Alien Property Custodian. Aircraft plane. 2,365,382; Dec. 19.

Bolland, William E., Nechells, Birmingham, assignor to L. H. Newton & Co. Ltd., Birmingham, England. Cold forging machine. 2,362,970; Nov. 21.

Bollée, Marcel. (See Bollée, P. and M.)

Bollée, Pierre and M., Le Mans, France; vested in the Alien Property Custodian. Testing hardness of materials. 2,348,782; May 16.

Boller, Ernest R., Hudson, and R. F. Remler, Lakewood, Ohio, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Fiberboard. 2,349,698; May 23.

Boller, Wilhelm, Zurich, assignor to Maschinenfabrik Oerlikon, Oerlikon, Switzerland. Electrolyzer cell. 2,350,669; June 6.

Bolles, Myrrick N., Brookings, S. Dak. Electrical connection. 2,364,124; Dec. 5.

Bolley, Don S., Brooklyn, assignor to National Lead Company, New York, N. Y. Production and purification of fatty oils. 2,352,883; July 4.

Bolley, Herschel C., assignor to H. A. Douglas Mfg. Co., Bronson, Mich. Electric switch. 2,348,519; May 9.

Bolli, Bernhard, and H. Bek, assignors to Société Anonyme Adolph Saurer, Arbon, Switzerland. Fuel injection pump for internal-combustion engines. 2,361,817; Oct. 31.

Bolling, Diana. (See Block, R. J., and Bolling.)

Bollwerk, Cornelius A., St. Louis, Mo. Turning machine. 2,362,533; Nov. 14.

Bolser, Clark M., Cedar Rapids, Iowa. Repackable adjustable oil filter cartridge. 2,364,617; Dec. 12.

Bolsey, Jacques. (See Bogopolsky, Jacques.)

Bolsey, Jacques, New York, N. Y. Mirror for reflex cameras. 2,352,177; June 27.

Bolsey, Jacques, New York, N. Y. Support for lens blanks and processes of securing lens blanks to said supports. 2,352,178; June 27.

Bolsey, Jacques, New York, N. Y. Lens centering device. 2,352,179; June 27.

Bolsey, Jacques, New York, N. Y. Machine for the treatment of lenses. 2,352,180; June 27.

Bolsey, Jacques, New York, N. Y. Camera with removable film magazine. 2,352,181; June 27.

Bolsey, Jacques, New York, N. Y. Film developer. 2,359,611; Oct. 3.

Bolsey, Jacques, New York, N. Y. Film loading device. 2,359,612; Oct. 3.

Bolt, Carel C. (See Oppenauer, R., and Bolt.)

Bolt, John A., and C. M. Hull, assignors to Standard Oil Company, Chicago, Ill. Diesel fuel. 2,361,080; Oct. 24.

Bolton, John W., & Sons, Inc. (See Schueler, Fred C., assignor.)

Bombardier, Joseph A., Valcourt, Quebec, Canada. Ski suspension. 2,343,526; Mar. 7.

Bombardier, Joseph A., Valcourt, Quebec, Canada. Chain tread vehicle. 2,346,351; Apr. 11.

Bombardier, Joseph A., Valcourt, Quebec, Canada. Traction device. 2,355,266; Aug. 8.

Bonas, William K., Parkville, assignor to The Glenn L. Martin Company, Middle River, Md. Wire bundle clamp. 2,338,754; Jan. 11.

Bond, Allen M., Jr., assignor to Brown & Williamson Corporation, Louisville, Ky. Wetproof cigarette paper. 2,348,324; May 9.

Bond, Donald C., Northbrook, assignor to The Pure Oil Company, Chicago, Ill. Drilling mud. 2,354,648; Aug. 1.

Bond, Donald C., Northbrook, assignor to The Pure Oil Company, Chicago, Ill. Drilling mud. 2,357,497; Sept. 5.

Bond, Donald C., Northbrook, assignor to The Pure Oil Company, Chicago, Ill. Drilling mud. 2,360,544; Oct. 17.

Bond, Donald C., Northbrook, assignor to The Pure Oil Company, Chicago, Ill. Drilling mud. 2,365,383; Dec. 19.

Bond, Donald C., Northbrook, and C. W. Botsford, Niles Center, assignors to The Pure Oil Company, Chicago, Ill. Foam prevention. 2,349,585; May 23.

Bond, Donald S. (See Carlson, W. L., and Bond.)

Bond Foundry & Machine Company. (See Noros, George C., assignor.)

Bond, George R., Jr., Paulsboro, N. J., assignor to Houdry Process Corporation, Wilmington, Del. Active contact mass 2,338,089; Jan. 4.

Bond, Walter L., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Conoscope. 2,352,072; June 20.

Bond, Walter L., Stewart Manor, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Work supporting fixture. 2,357,307; Sept. 5.

Bond, William G. (See Stout, F. S., Bond, and Ladner.)

Bond, William G., Holly Oak, and A. Sellers, Jr., Bellevue, assignors to F. F. Slocomb Corporation, Wilmington, Del. Hide planimeter. 2,360,545; Oct. 17.

Bondeson, Herman A. (See Grosser, C. E., and Bondeson.)

Bondeson, Herman A., Providence, assignor to Standard Machinery Company, Cranston, R. I. Applying metal bands to articles of manufacture. 2,353,008; July 4.

Bondy, Otto, Worcester Park, and A. G. Grant, Darlington, England. Storage tank or container and like shell structure. 2,355,947; Aug. 15.

Bone, Herbert L., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway switch operating apparatus. 2,348,707; May 16.

Bone, Herbert L., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Circuit controller. 2,363,936; Nov. 28.

Bone, Herbert L., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway track switch operating apparatus. 2,365,800; Dec. 26.

Bone, Herbert L., Forest Hills, and K. J. McGowan, Pittsburgh, assignors to The Union Switch and Signal Company, Swissvale, Pa. Torpedo signal for railways. 2,352,347; Nov. 7.

Bonebrake, Gay M. (See Kouba, Charles M., assignor.)

Bonewitz, Paul W. (See Parker, M. E., and Bonewitz.)

Bonfiglioli, Enrico, Bologna, Italy; vested in the Alien Property Custodian. Making ornamental figures. 2,344,076; Mar. 14.

Bonhôte, Gérald, deceased, Basel, by M. Bonhôte, Saint Illiaise, administratrix, and E. A. Hensl, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Mono-azo dyestuffs. 2,347,928; May 2.

Bonhôte, Marcelle, administratrix. (See Bonhôte, G., and Hensl.)

Bonilla, Saturnino T., New York, N. Y. Eye cup. 2,352,610; July 4.

Bonilla, Saturnino Tofé, New York, N. Y. Dispensing device. 2,361,594; Oct. 31.

Bonilla, Saturnino T., New York, N. Y. Breathing device. 2,362,240; Nov. 7.

Bonnaire, Claud, London, England. Sheet to make blank, printed, or written envelopes and the like. 2,351,805; June 20.

Bonner, Edwin K., Jr. (See Bowen, J. M., and Bonner.)

Bonner, James. (See English, J., Jr., Bonner, and Haagensmit.)

Bonneville Limited. (See Farris, Lockwood W., assignor.)

Bönnhoff, Herbert. (See Scharpenberg, E., and Bönnhoff.)

Bonnier, Claude E., Neuilly-sur-Seine, France; vested in the Alien Property Custodian. Carburetor. 2,363,223; Nov. 21.

Bonnier, Claude E., Neuilly-sur-Seine, France; vested in the Alien Property Custodian. Pneumatic speed regulator for engines. 2,365,394; Dec. 19.

Bonnifield, Webb B., Sioux City, Iowa. Boomerang. 2,361,988; Nov. 7.

Bonnot Company, The. (See Zimmerman, James J., assignor.)

Bonorden, Allen R., Plainfield, N. J., and P. V. Koos, Woodside, J. A. Krecek, New Rochelle, W. V. K. Large, Glenwood Landing, and T. A. Marshall, Floral Park, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Inverse neutral telegraph repeater concentration group switching. 2,349,586; May 23.

Bonsack, Walter, South Euclid, assignor to The National Smelting Company, Cleveland, Ohio. Aluminum alloy. 2,357,449; Sept. 5.

Bonsack, Walter, South Euclid, assignor to The National Smelting Company, Cleveland, Ohio. Aluminum alloy. 2,357,450; Sept. 5.

Bonsack, Walter, South Euclid, assignor to The National Smelting Company, Cleveland, Ohio. Aluminum alloy. 2,357,451; Sept. 5.

Bonsack, Walter, South Euclid, assignor to The National Smelting Company, Cleveland, Ohio. Aluminum alloy. 2,357,452; Sept. 5.

Bonsall, Charles D., Chicago, Ill., assignor to Standard Railway Devices Company. Refrigerator car construction. 2,338,993; Jan. 11.

Bonsall, Charles D., Chicago, Ill., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Air circulating means for refrigerator cars. 2,343,395; Mar. 7.

Bonsall, Charles D., Chicago, Ill., assignor to Standard Railway Equipment Manufacturing Company. Car roof. 2,350,213; May 30.

Bonstow, Thomas L., and A. E. Margolis, London, England. Method and means for assisting the take-off of landplanes. 2,353,948; Aug. 15.

Bonte, Frederick R., assignor to The Timken Roller Bearing Company, Canton, Ohio. Graphitic steels. 2,362,046; Nov. 7.

Booge, James E. (See Keats, J. L., and Booge.)

Booge, James E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Composite pigments and producing. 2,361,986; Nov. 7.

Booge, James E., Wilmington, Del., and L. Stewart, St. George, Staten Island, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Titanium pigment production. 2,361,987; Nov. 7.

Boobar, Ortis C. (See Kahl, F., and Boobar.)

Boon, William R., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Manufacture of thiazoles. 2,341,687; Feb. 15.

Boone, John K., Dallas, Tex. Rotary weed eradicator and harrow. 2,338,314; Jan. 4.

Boone, Paul D., Washington, D. C. Vegetable oil refining. 2,351,184; June 13.

Boonton Molding Company. (See Sayre, Gordon B., assignor.)

Boor, Arthur. (See Read, C. E., Nickelsen, and Boor.)

Boor, Arthur. (See Whisler, R. H., Jr., Read, Nickelsen, and Boor.)

Boor, Arthur, Toledo, Ohio, assignor to Monroe Auto Equipment Company, Monroe, Mich. Shock absorber. 2,338,162; Jan. 4.

Boor, Arthur, Toledo, Ohio, assignor to Monroe Auto Equipment Company, Monroe, Mich. Shock absorber. 2,360,755; Oct. 17.

Boor, Ladislav, Darien, Conn., assignor to American Cyanamid Company, New York, N. Y. Apparatus and method for testing paint films. 2,349,699; May 23.

Boorstin, Henry. (See Proulx, Leo R., assignor.)

Boose, Elmer S., Two Rivers, Wis. Arrowhead. 2,350,581; June 6.

Boosey, Edward W. N., Detroit, Mich. Oil interceptor. 2,348,723; May 16.

Boosey, Edward W. N., Detroit, Mich. Grease interceptor. 2,342,447; Nov. 14.

Boosey, Lawrence N., Detroit, Mich. Flow control T. 2,345,787; Apr. 4.

Booth, Alfred, Pendleton, Salford, assignor of one-half to F. H. Coles, Epsom, Surrey, England. Variable speed gear. 2,341,076; Feb. 8.

Booth, Charles F. (See Durgin, C. B., Foster, and Booth.)

Booth, Earl C. (See Noblitt, Q. G., Booth, and Hamilton.)

Booth, Earl C., assignor to Noblitt-Sparks Industries, Inc., Columbus, Ind. Bottle carrier. 2,347,807; May 2.

Booth, Earl C., assignor to Noblitt-Sparks Industries, Inc., Columbus, Ind. Joint structure for metal tubing. 2,350,582; June 6.

Booth, Frank D., Cherokee, Iowa. Valve holder. 2,365,385; Dec. 19.

Booth, George M., Westfield, and M. H. Cubberley, assignors to Wallace & Tiernan Co. Inc., Belleville, N. J. Diffuser-circulator. 2,352,767; July 4.

Booth, Howard R. (See Smith, H. P., and Booth.)

Booth, Irving E., Rochester, N. Y., assignor to United Shoe Machinery Corporation, Flemington, N. J. Indenting machine. 2,358,787; Sept. 26.

Booth, James H., Detroit, Mich., assignor to Thompson Products, Incorporated, Cleveland, Ohio. Adjustable link and clamp assembly. 2,340,301; Feb. 1.

Booth, James H., and A. Venditty, Detroit, Mich., assignors to Thompson Products Incorporated, Cleveland, Ohio. Adjustable link assembly. 2,340,300; Feb. 1.

Booth, John G., Philadelphia, and L. Gess, Jenkintown, assignors to The Brown Instrument Company, Philadelphia, Pa. Temperature responsive device. 2,345,175; Mar. 28.

Booth, Lionel E. (See Thompson, J. W., and Booth.)

Booth, Robert B., Springdale, Conn., assignor to American Cyanamid Company, New York, N. Y. Clarification of white water by froth flotation. 2,347,147; Apr. 18.

Booth, Robert B., Springdale, Conn., and A. M. Webb, Bronxville, assignors to Chemical Construction Corporation, New York, N. Y. Recovery of fatty substances by froth flotation. 2,352,365; June 27.

Booth, Rolfe G. (See Brunton, B., and Booth.)

Booth, Sheldon M., Chicago, Ill. Mounting tools. 2,351,741; June 20.

Booth, Thomas R., assignor to Railway Service and Supply Corporation, Indianapolis, Ind. Cleaning and renovating waste. 2,348,597; May 9.

Boothby, Walter M., and A. H. Bulbulian, Rochester, Minn. Oxygen mask. 2,346,277; May 9.

Boothby, Walter M., and W. R. Lovelace, II, Rochester, Minn. Oxygen-delivering parachute escape outfit. 2,360,193; Oct. 10.

Booty, Philip C. P., Chicago, Ill. Dispenser. 2,359,613; Oct. 3.

Booty, Philip C. P., Chicago, assignor to C. G. Jansky, Oak Park, Ill. Bird or shuttlecock. 2,359,726; Oct. 3.

Borah, John E., Penn Township, St. Joseph County, Ind. Locking means for shipping boxes. 2,338,315; Jan. 4.

Borah, John E., Osceola, Ind. Extensible rack. 2,354,938; Aug. 1.

Borchardt, Lester F., and W. Brastad, Minneapolis, Minn., assignors to General Mills, Inc. Vaporizing device. 2,355,414; Aug. 8.

Borchers, Earl, assignor to American Cabinet Hardware Corporation, Rockford, Ill. Catch. 2,342,831; Feb. 29.

Borchers, Earl, assignor to American Cabinet Hardware Corporation, Rockford, Ill. Catch. 2,342,832; Feb. 29.

Bordeaux, Louis A. (See Chouinard, A. F., and Bordeaux.)

Borden Company, The. (See Beardslee, Arthur C., assignor.)

Borden Company, The. (See Corwin, J. F., and White, assignors.)

Borden Company, The. (See Shipstead, H., and Brant, assignors.)

Borden Company, The. (See White, Robert C., assignor.)

Borden, Henry M., Minneapolis, Minn. Applicator. 2,351,476; June 13.

Borden, Joseph H., Philadelphia, Pa., assignor to Atlantic Elevator Company. Motor control system. 2,351,316; June 13.

Borden, Stephen W., Summit, N. J. Resistance comparator. 2,341,854; Feb. 15.

Border, Lawson E., Alton, Ill., assignor to Shell Development Company, San Francisco, Calif. Method for reconditioning used solutiser solutions. 2,358,619; Sept. 19.

Border, Lawson E., Wood River, and E. T. Gerhart, Edwardsville, Ill., assignors to Shell Development Company, San Francisco, Calif. Production of concentrated sodium hydrosulphide solutions. 2,346,550; Apr. 11.

Bordon Company, The. (See Bradshaw, L., and MacLagan.)

Bordon Mfg. Co. (See Bourque, Philip, assignor.)

Bordon Mfg. Co. (See Donnelly, Thomas S., Jr., assignor.)

Bordon Mfg. Co. (See Van Dyke, Frank G., assignor.)

Boree, Ray G., and J. A. Townsend, Jacksonville, Fla.; said Townsend assignor to said Boree. Steel plate clamp. 2,341,421; Feb. 8.

Boren, John W., Marinette, Wis. Heating and humidifying attachment for bassinets. 2,365,243; Dec. 19.

Borer, William J., Tekamah, Nebr. Rotary engine. 2,341,203; Feb. 8.

Borg, George W., Corporation. (See Gibbs, Thomas B., assignor.)

Borg, George W., Corporation. (See Fink, J., and Gibbs, assignors.)

Borg, George W., Corporation. (See Gibbs, T. B., Brown, and Wickham, assignors.)

Borg, George W., Corporation. (See Gibbs, T. B., and Fink, assignors.)

Borg, George W., Corporation. (See Warmey, B. A., and Moreland, assignors.)

Borg-Warner Corporation. (See Anderson, Edmund B., assignor.)

Borg-Warner Corporation. (See Berg, Louis B., assignor.)

Borg-Warner Corporation. (See Berg, L. B., and Stuhlman, assignors.)

Borg-Warner Corporation. (See Carnagua, Harold E., assignor.)

Borg-Warner Corporation. (See Conkle, Carl J., assignor.)

Borg-Warner Corporation. (See Delahan, E. H., and Frojd, assignors.)

Borg-Warner Corporation. (See Doderer, Adolph W., assignor.)

Borg-Warner Corporation. (See Dodge, Adiel Y., assignor.)

Borg-Warner Corporation. (See Emerson, John R., assignor.)

Borg-Warner Corporation. (See Flinn, George E., assignor.)

Borg-Warner Corporation. (See Haigh, Vaughn, assignor.)

Borg-Warner Corporation. (See Ingersoll, Roy C., assignor.)

Borg-Warner Corporation. (See Nutt, H., and Smirl, assignors.)

Borg-Warner Corporation. (See Orr, Palmer, assignor.)

Borg-Warner Corporation. (See Reed, Harold V., assignor.)

Borg-Warner Corporation. (See Simpson, John M., assignor.)

Borg-Warner Corporation. (See Smirl, Richard L., assignor.)

Borg-Warner Corporation. (See Swennes, Benjamin A., assignor.)

Borg-Warner Corporation. (See White, Samuel O., assignor.)

Borg-Warner Corporation. (See Zeidler, Reinhold C., assignor.)

Borgeat, Denis, Montreal, Quebec, Canada. Rotary toothbrush. 2,342,833; Feb. 29.

Borgerd, William E., Riverside, J. Johnsen, and L. H. Hinkel, Chicago, Ill., assignors to International Harvester Company. Refrigerator. 2,346,287; Apr. 11.

Borgeson, Carl A., Red Bank, N. J., assignor to American Telephone and Telegraph Company. Telegraphic auction system. 2,350,146; May 30.

Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Terpene compounds. 2,338,797; Jan. 11.

Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Terpene compound. 2,338,798; Jan. 11.

Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Washing treatment. 2,343,939; Mar. 7.

Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Esters of terpene compound. 2,347,929; May 2.

Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Terpene ether. 2,350,147; May 30.

Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Polymerized resin alcohol. 2,350,384; June 6.

Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Emulsion. 2,351,912; June 20.

Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Brewer's pitch composition. 2,358,207; Sept. 12.

Borkland, Gustave W., Chicago, Ill. Making capped formations of thermoplastic sheet material. 2,357,806; Sept. 12.

Borkowski, Casimer J., Chicago, and J. L. Schille, Berwyn, Ill., assignors, by mesne assignments, to The Best Foods, Inc., New York, N. Y. Preparation of hydrogenated glyceridic oil. 2,365,045; Dec. 12.

Borland, James E., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Mine hoist control. 2,351,911; June 20.

Born, Ferdinand H., Elgin, Ill. Pneumatic body and fender hammer. 2,346,532; Apr. 11.

Bormann, Frederic, Ipswich, S. Dak. Candle follower. 2,349,072; May 16.

Born, Richard J., Hampton, Va. Roof scaffold. 2,341,510; Feb. 15.

Born, Woldemar, Stuttgart, Germany; vested in the Alien Property Custodian. Gun barrel. 2,345,089; Mar. 28.

Bornemann, Ferdinand, and H. Huber, Wiesbaden-Biebrich, Germany; vested in the Alien Property Custodian. Bar soap composition. 2,342,786; Feb. 29.

Bornemann, Otto, Berlin, Germany; vested in the Alien Property Custodian. Floating swivel ring for nonskid chains. 2,349,935; May 30.

Bornemann, William. (See Tuttle, C. M., and Bornemann.)

Bornstein, Leopold F., Wilmington, Del. Allaying and binding coal particles or dust and the like. 2,346,650; Apr. 18.

Bornzin, James H. (See Raney, R. R., and Bornzin.)

Borracci, Pasquale, Florence, Italy; vested in the Alien Property Custodian. Submarine mine. 2,344,483; Mar. 14.

Borresen, William Y. (See Bissout, H. A., and Borresen.)

Borsoff, Victor N. (See Neely, G. L., Farrington, and Borsoff.)

Borst, Theodore E., Clinton, N. Y., assignor to S. W. Meek, Greenwich, Conn. Method and composition of growing plants with solutions. 2,350,982; June 13.

Borton, Alwyn E., South Orange, assignor to Associated Patentees, Inc., Ampere, N. J. Cartridge link manufacture. 2,347,930; May 2.

Borton, Alwyn E., South Orange, assignor to Associated Patentees, Inc., Ampere, N. J. Cartridge link manufacture. 2,353,632; July 18.

Borton, George W., Philadelphia, Pa., assignor to Pennsylvania Crusher Company, New York, N. Y. Crushing machinery. 2,355,050; Aug. 8.

Borton, Robert O., Cambridge, Mass., assignor to United States Rubber Company, New York, N. Y. Making sponge rubber. 2,342,526; Feb. 22.

Bosch, Lester L., Cincinnati, Ohio. Vehicular speed responsive device. 2,362,971; Nov. 21.

Bosch, Lester L., Cincinnati, Ohio, assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Alternating current network. 2,365,514; Dec. 19.

Boshkoff, George J., Snyder, assignor to The Linde Air Products Company, New York, N. Y. Method and apparatus for dispensing and conserving gas material. 2,362,984; Nov. 21.

Bosma, Alfred S., New Holstein, Wis., assignor, by mesne assignments, to Hart-Carter Company, Peoria, Ill. Outboard motor. 2,346,148; Apr. 11.

Bosman, Alex. (See Levine, A., and Bosman.)

Bosomworth, George P., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Tire inspection. 2,339,550; Jan. 18.

Bosomworth, George P., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Automatic control device. 2,354,431; July 25.

Bosomworth, George P., and H. G. Hager, assignors to The Firestone Tire & Rubber Company, Akron, Ohio. Vulcanization. 2,339,541; Jan. 18.

Bosomworth, George P., and E. S. Heck, assignors to The Firestone Tire & Rubber Company, Akron, Ohio. Vulcanizer. 2,339,553; Jan. 18.

Boss, Gerard H., assignor to The Glenn L. Martin Company, Middle River, Md. Engine mount. 2,359,822; Oct. 10.

Bossard, Werner. (See Krebser, A., Bossard, and Kuster.)

Bossart, Otto A., Racine, assignor to Perfex Corporation, Milwaukee, Wis. Radiator fan shroud. 2,355,619; Aug. 15.

Bossart, Paul N. (See Grondahl, L. O., and Bossart.)

Bossart, Paul N., Cheswick, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signal apparatus. 2,344,283; Mar. 14.

Bossi, Romeo A., Newton Center, Mass. Double-acting pump. 2,364,511; Dec. 5.

Boston, John P. (See Peters, M. F., Boston, and Taylor.)

Boston Machine Works Company. (See Osgood, Walter P., assignor.)

Boston Wire Stitcher Company. (See Harred, George H., assignor.)

Boston Wire Stitcher Company. (See Lindstrom, Charles M., assignor.)

Boston Woven Hose & Rubber Company. (See Knowland, T. M., and Bieber, assignors.)

Bostrum, Enoch, assignor to Osmose Wood Preserving Company of America, Inc., Buffalo, N. Y. Composition and preserving wood. 2,344,019; Mar. 14.

Bostwick, Henry C., Cranford, N. J., assignor to Westinghouse Electric & Manufacturing Company. Thermostat structure. 2,350,148; May 30.

Bostwick, Lee G., and J. H. King, Chatham, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Acoustic delay device. 2,351,913; June 20.

Botany Worsted Mills. (See Andreotto, Angelo, assignor.)

Botany Worsted Mills. (See Belli, John, assignor.)

Botany Worsted Mills. (See Staines, Samuel E., assignor.)

Boterweg, Dirk, and F. C. W. Slooff, Eindhoven, Netherlands, assignors to Radio Corporation of America, New York, N. Y. Wireless transmitting or receiving set. 2,351,185; June 13.

Botsford, Charles W. (See Bond, D. C., and Botsford.)

Botsford, Nelson, Rutherford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission monitoring system. 2,362,348; Nov. 7.

Böttger, Hans. (See Herrmann, O., Wunderer, and Böttger.)

Bottil, Edmond C., Brooklyn, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Lead chromate pigment production. 2,365,171; Dec. 19.

Bottomley, Frank, Barrington, R. I., assignor to Stevenson Engineering Corporation. Liquid seal. 2,363,046; Dec. 12.

Bottrill, David H., assignor to Canadian Car & Foundry Company Limited, Montreal, Quebec, Canada. Apparatus for landing airplanes. 2,346,633; Apr. 11.

Boucek, Jan, Los Angeles, Calif. Marine vessel. 2,341,077; Feb. 8.

Boucher, Charles L. (See de Lange, C., and Boucher.)

Boucher, Charles P., Montreal, Quebec, Canada, assignor to Boucher Inventions Ltd., Washington, D. C. Electrical transformer apparatus. 2,343,365; Mar. 7.

Boucher, Charles P., Paterson, N. J., assignor to Boucher Inventions, Ltd., Washington, D. C. Adjustable transformer. 2,353,542; July 11.

Boucher, Charles P., Paterson, and F. A. Kuhl, Ridgewood, N. J., assignors to Boucher Inventions, Ltd., Washington, D. C. Luminescent tube system and apparatus. 2,351,914; June 20.

Boucher, Charles P., Paterson, and F. A. Kuhl, Ridgewood, N. J., assignors to Boucher Inventions, Ltd., Washington, D. C. Luminescent tube system and apparatus. 2,351,915; June 20.

Boucher, Charles P., Paterson, and F. A. Kuhl, Ridgewood, N. J., assignors to Boucher Inventions, Ltd., Washington, D. C. Luminescent tube system and apparatus. 2,352,073; June 20.

Boucher, Charles P., Fostoria, Ohio, and A. E. Noble, Verona, N. J., assignors to Boucher Inventions, Ltd. Fluorescent tube system and apparatus. 2,355,360; Aug. 8.

Boucher, Cormack E., Seattle, Wash. Method and apparatus for making radiographs. 2,340,923; Feb. 8.

Boucher, Cormack E., Seattle, Wash. Industrial radiographic apparatus. 2,360,036; Oct. 10.

Boucher, Frank G. (See Blair, D. W., and Boucher.)

Boucher, Frank G., Houston, Tex., assignor to Standard Oil Development Company. Temperature control circuit. 2,356,206; Aug. 22.

Boucher, Frank G., Tulsa, Okla., assignor to Standard Oil Development Company. Borehole inclinometer. 2,365,999; Dec. 26.

Boucher Inventions, Ltd. (See Boucher, Charles P., assignor.)

Boucher Inventions, Ltd. (See Boucher, C. P., and Kuhl, assignors.)

Boucher Inventions, Ltd. (See Boucher, C. P., and Noble, assignors.)

Boucher, Jacques, Paris, France; vested in the Alien Property Custodian. Centrifugally casting tubular bodies. 2,344,020; Mar. 14.

Boudreau, Paul E., Matane, Quebec, Canada. Log loading device. 2,359,287; Oct. 3.

Bouget, Yves A., West Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Strand handling apparatus. 2,347,392; Apr. 25.

Bouget, Yves A., West Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Wrench. 2,359,823; Oct. 10.

Bouget, Yves A., West Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Coaring apparatus. 2,360,037; Oct. 10.

Boughton, Olin W., Victor, and H. F. Kurtz, assignors to Bausch & Lomb Optical Company, Rochester, N. Y. Optical instrument. 2,363,388; Nov. 21.

Boughton, Willis A., trustee, et al. (See Mansfield, W. R., and Hughes, assignors.)

Bouknya, Aleidus G., Enka, and H. B. Carico, Asheville, assignors to American Enka Corporation, Enka, N. C. Unwinding yarn. 2,349,237; May 23.

Boulais Machine Company. (See Boulais, Wilfrid M., assignor.)

Boulais, Wilfrid M., assignor to Boulais Machine Company, Upper Darby, Pa. Netted fabric machine. 2,357,308; Sept. 5.

Boulet, Gerald L., assignor to Eastman Kodak Company, Rochester, N. Y. Method and apparatus for manufacturing and controlling the grain size of barium sulphate. 2,358,050; Sept. 12.

Boulogne, Antonie P. (See Boulogne, Baltus and A. P.)

Boulogne, Baltus and A. P., Pengalengan, near Bandoeng, Java, Netherlands East Indies; vested in the Alien Property Custodian. Preventing wobbling of vehicles provided with pneumatic shock absorbers. 2,338,895; Jan. 11.

Boulogne, Baltus and A. P., Pengalengan near Bandoeng, Java, Netherlands East Indies; vested in the Alien Property Custodian. Pneumatic shock absorber. 2,338,896; Jan. 11.

Boulogne, Baltus and A. P., Pengalengan, near Bandoeng, Java, Netherlands East Indies; vested in the Alien Property Custodian. Reducing the slanting to a side of pneumatically supported vehicles. 2,338,897; Jan. 11.

Boulton Paul Aircraft Limited. (See North, John D., assignor.)

Bound, Rowland H., assignor to Dowty Equipment Limited, Cheltenham, England. Shock absorber. 2,356,444; Aug. 22.

Boundy, Ray H. (See Amos, J. L., Boundy, and Steber.)

Bourcier, Charles D., Grafton, Mass. Munitions and tactical use of the same. 2,353,386; July 11.

Bourgeas, Albert R., New York, N. Y. Making color reproductions. 2,349,900; May 30.

Bourland, James F. (See Hass, H. B., and Bourland.)

Bourne, James, Mount Vernon, N. Y. Crutch. 2,364,053; Dec. 5.

Bourne, Raymond D., Middletown, Ohio. Ice cream goblet. 2,347,658; May 2.

Bourne, Roland B., West Hartford, assignor to The Maxim Silencer Company, Hartford, Conn. Spark arrester silencer. 2,339,834; Jan. 25.

Bourque, Philip, assignor to Bordon Mfg. Co., Inc., Detroit, Mich. Electrode holder. 2,353,123; July 11.

Boursman, Henry W., Scotia, N. Y., and J. B. Miles, Jr., Greenville, Del., assignors to General Electric Company. Electric arc apparatus. 2,358,620; Sept. 19.

Bouschor, Harvey H., Detroit, Mich. Repairing machine tools and slide construction therefor. 2,340,450; Feb. 1.

Boushelle, Charles A., Chicago, Ill. Rug stretcher. 2,345,232; Mar. 28.

Boushey, Homer A., Hamilton Field, Calif. Jet propulsion device. 2,356,746; Aug. 29.

Bousky, Samuel, Shaker Heights, assignor by mense assignments to Jack & Heintz, Inc., Cleveland, Ohio. Rotor pivot. 2,361,741; Oct. 31.

Bousman, Henry W., Scotia, N. Y., assignor to General Electric Company. Impulse counter motor. 2,364,421; Dec. 5.

Bousman, Samuel I., Berkeley, assignor to Western Machinery Company, San Francisco, Calif. Diaphragm pump. 2,357,872; Sept. 12.

Bousquet, Euclid W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Pest control. 2,342,448; Feb. 22.

Bousquet, Euclid W., Wilmington, Del., and H. G. Guy, Penn Township, Allegheny County, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Pest control. 2,347,393; Apr. 25.

Bousquet, Euclid W., Wilmington, and H. G. Guy, Newark, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Pest control. 2,365,047; Dec. 12.

Bousquet, L'Roche G., Wilmington, Del., D. W. Young, Roselle, N. J., and A. W. Low, Woodside, assignors to General Chemical Company, New York, N. Y. Manufacture of titanium sulphate solutions. 2,349,936; May 30.

Bouterious, Arthur H., assignor to Mills Sales Company, Ltd., Oakland, Calif. Remote control unit for motion picture machines. 2,365,859; Dec. 26.

Bouton, Edgar M., Nutley, assignor to Westinghouse Electric Elevator Company, Jersey City, N. J. Elevator control system. 2,361,170; Oct. 24.

Bouton, George M., Madison, G. S. Phippe, Chatham, and E. E. Schumaker, Maplewood, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Solder alloy. 2,351,477; June 13.

Boutwell, Clarence E., Birmingham, Ala. Forming plastic solutions and incorporating solid filling material therein. 2,353,991; July 18.

Boutwell, Clarence E., Birmingham, Ala. Making composite printing plates. 2,355,949; Aug. 15.

Bouziane, George, Janesville, Wis. Surgical bandage. 2,344,021; Mar. 14.

Bovee, Elliad A., assignor to Motor Wheel Corporation, Lansing, Mich. Combustion apparatus. 2,341,355; Feb. 8.

Bovee, Joseph E., Seattle, Wash. Attachment for drills. 2,364,688; Dec. 12.

Bowden (Engineers) Limited. (See Melson, Walter A., assignor.)

Bowdil Company, The. (See Morrow, Harry M., assignor.)

Bowen, Charles V., Bethesda, Md., assignor to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Insecticide. 2,354,192; July 25.

Bowen, Charles V., Bethesda, Md., assignor to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Insecticide. 2,354,193; July 25.

Bowen, James M., Cape May Court House, N. J., and E. K. Bonner, Jr., Torresdale, assignors to S. L. Allen & Co., Inc., Philadelphia, Pa. Sled. 2,357,928; Sept. 12.

Bowen, Jessie, Wardville, Okla. Sleeping tent. 2,345,377; Mar. 28.

Bowen, John E., Grosse Ile, Mich., assignor to National Steel Corporation. Shelter. 2,364,941; Dec. 12.

Bowen, Judson P. (See Swann, Lewis H.)

Bowen, Merlin L. (See Hansen, W. O. and Bowen.)

Bowen, Myron W., Niles, Mich., assignor to Bendix Home Appliances, Inc., South Bend, Ind. Combined water pump and valve. 2,353,871; July 18.

Bowen, Myron W., Niles, Mich., assignor to Bendix Home Appliances, Inc., South Bend, Ind. Solenoid. 2,356,377; Aug. 22.

Bowen Research Corporation. (See McCrum, Walter I., assignor.)

Bowen, S. R., Co. (See Phipps, John T., assignor.)

Bowen, William S., Westfield, N. J. Radiant heater. 2,354,100; July 18.

Bowen, William S., Westfield, N. J. Open steam box drier. 2,360,100; Oct. 10.

Bower, Byron F., St. Charles, assignor to Pines Engineering Company, Aurora, Ill. Tube-bending machine. 2,357,873; Sept. 12.

Bower, Charles, assignor to Reid and Sigrist Limited, Kirby Moxloe, England. Fastening of sheet material into frames and like members. 2,364,512; Dec. 5.

Bower, George D., University City, assignor to Automatic Control Corporation, St. Louis, Mo. Control mechanism. 2,348,951; May 16.

Bower, John O., and J. P. Tarbox, assignors to Foundation for Clinical and Surgical Research, Philadelphia, Pa. Fluid sampling device. 2,355,620; Aug. 15.

Bowerman, Martin, Alhambra, Calif. Wheel starter. 2,347,936; May 2.

Bowers Battery Mfg. Co. (See Mena, Paul R., assignor.)

Bowers, Charles E., Moylan, Pa. Welding helmet friction joint assembly. 2,360,101. Oct. 10.

Bowers, Frederick M. (See Maillart, Edmond B., assignor.)

Bowers, Frederick M., Chester, Pa. Helmet connection for skullguards. 2,362,610; Nov. 14.

Bowers, Orville C., New Castle, Pa. Safety razor. 2,359,198; Sept. 26.

Bowers, Roy L. (See Lauer, C. J., Bowers, and Forshee.)

Bowers, Thomas A., Mattapoisett, assignor to Power Research Corporation, Boston, Mass. Piston ring means. 2,345,176; Mar. 28.

Bowers, Thomas A., Mattapoisett, assignor to Power Research Corporation, Boston, Mass. Sheet metal piston ring. 2,346,204; Apr. 11.

Bowers, Thomas A., Mattapoisett, assignor to Power Research Comporation, Boston, Mass. Piston ring. 2,346,896; Apr. 18.

Bowers, Thomas A., Mattapoisett, assignor to Power Research Corporation, Boston, Mass. Multipiece piston ring. 2,346,897; Apr. 18.

Bowers, Thomas A., Mattapoisett, assignor to Power Research Corporation, Boston, Mass. Making slotted piston rings. 2,346,898; Apr. 18.

Bowers, Thomas A., Matapoisett, assignor to Power Research Corporation, Boston, Mass. Reinforcing means for piston rings. 2,346,899; Apr. 18.

Bowers, William W., assignor to Wilson & Co. Inc., Chicago, Ill. Preparing meat products. 2,352,611; July 4.

Bowker, John E., Tusmore, Australia. Electrically operated motor vehicle. 2,348,053; May 2.

Bowles, Leroy R. (See Lockwood, Elmer A., assignor.)

Bowling Patents Management Corporation. (See Schmidt, Gottfried J., assignor.)

Bowling, Robert E., assignor to Potlatch Forests, Inc., Lewiston, Idaho. Forming composite boards. 2,344,488; Mar. 21.

Bowman, Alick, Lincoln, England. Ticket printing and issuing machine. 2,361,257; Oct. 24.

Bowman, Charles H., La Grange, Ill., assignor to Trojan Powder Company, Allentown, Pa. Explosive cartridge. 2,345,654; Apr. 4.

Bowman, Edward F., Boston, assignor to E. T. Wyman, Brookline, Mass. Protective sheath for medical and surgical use. 2,358,440; Sept. 19.

Bowman, Henry V., Minneapolis, assignor to Bowman Products, Incorporated, St. Paul, Minn. Crate. 2,346,205; Apr. 11.

Bowman, Kenneth K. (See Edwards, M. A., and Bowman.)

Bowman, Lura E., Asheville, N. C. Leg rest. 2,346,722; Apr. 18.

Bowman, Max I., and H. Packer, Dayton, Ohio. Cleaning composition and process. 2,356,747; Aug. 29.

Bowman, Philip G., St. Paul, Minn., assignor to General Electric Company. Regulator system. 2,360,102; Oct. 10.

Bowman Products, Incorporated. (See Bowman, Henry V., assignor.)

Bowman, Roy N. (See Hawk, W. L., and Bowman.)

Bown, Samuel, St. Louis County, assignor to International Shoe Company, St. Louis, Mo. Making shoes. 2,346,651; Apr. 18.

Bowne & Co. (See Stanley, Edmund A., assignor.)

Bows, Harry, Los Angeles, and A. Iannessa, Inglewood, Calif., assignors to S. Karpen & Bros., Chicago, Ill. Mattress and making the same. 2,363,637; Nov. 28.

Bowser, S. F., & Company. (See Baldwin, I. W., and Marvel, assignors.)

Bowser, S. F., & Company. (See Griffith, Clement P., assignor.)

Bowser, S. F., Company. (See Griffith, C. P., and Barr, assignors.)

Bowser, S. F., & Company. (See Harvuot, Frank B., assignor.)

Bowser, S. F., & Company. (See Klopfenstein, Gerald J., assignor.)

Bowser, S. F., & Company. (See Pressler, Ralph B., assignor.)

Bowser, Theron L., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Crossbar switch system. 2,362,448; Nov. 14.

Bowser, Theron L., and F. H. Slaymaker, assignors to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Three-dimensional crossbar switch system. 2,351,584; June 20.

Bowsher, Lawrence H., assignor to The Ohio Steel Foundry Company, Lima, Ohio. External chill means for metal castings. 2,360,392; Oct. 17.

Bowsky, Merle C., Houston, Tex., assignor to Lane-Wells Company, Los Angeles, Calif. Inductive-capacitive electrical logging. 2,358,441; Sept. 19.

Box Blank Corporation. (See Glover, Ralph M., assignor.)

Box, Ernest R., and F. E. Kerridge, assignors to Johnson, Matthey & Company, Limited, London, England. Manufacture and production of photographic sensitive material. 2,366,083; Dec. 26.

Boxell, Glen L., Greentown, Ind., assignor to General Motors Corporation, Detroit, Mich. Cam operated machine. 2,346,352; Apr. 11.

Boxley, Joseph H., Richmond, Va. Nursing bottle. 2,342,722; Feb. 29.

Boyce, Garfield L., Ridley Park, Pa., and C. A. Castellan, assignors to American Viscose Corporation, Wilmington, Del. Sizing device for winding machines. 2,361,428; Oct. 31.

Boyce, John. (See Eustis, I. N., Boyce, and Olsen.)

Boyce, Leonard D., Maplewood, Mo., and I. C. McKechnie, Detroit; said McKechnie assignor to Chrysler Corporation, Highland Park, Mich., and said Boyce assignor to Carter Carburetor Corporation, St. Louis, Mo. Transmission control structure. 2,364,774; Dec. 12.

Boyce, Reginald D., Denham, assignor to T. J. Mackinnon, Richmond, England. Apparatus for cleaning oil. 2,345,697; Apr. 4.

Boyce Thompson Institute For Plant Research, Inc. (See Hitchcock, A. E., and Zimmerman, assignors.)

Boyce, William S., Denver, and M. L. Cantrell, Pueblo, assignors to The Colorado Fuel and Iron Corporation, Denver, Colo. Rail fastening. 2,357,498; Sept. 5.

Boyce, William S., Denver, and M. L. Cantrell, Pueblo, assignors to The Colorado Fuel and Iron Corporation, Denver, Colo. Rail fastening. 2,357,499; Sept. 5.

Boyd, George S., East Cleveland, Ohio. Machine center. 2,353,009; July 4.

Boyd, John, Forest Hills, and P. R. Eklund, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Bearing assembly. 2,356,027; Aug. 15.

Boyd, John G., Oakland, and C. M. Hane, Contra Costa County, Calif. Blast cleaning device. 2,358,557; Sept. 19.

Boyd, John M., L. E. Cliffcorn, and G. T. Peterson, Chicago, Ill., assignors to Continental Can Company, Inc., New York, N. Y. Method of and apparatus for removing air from the head spaces of filled cans. 2,362,799; Nov. 14.

Boyd, William H., Drexel Hill, assignor to General Refractories Company, Philadelphia, Pa. Furnace wall construction. 2,349,700; May 23.

Boyden, J. Hanson, et al. (See McFall, Robert J., assignor.)

Boye, James H., assignor to James H. Boye Manufacturing Company, Chicago, Ill. Cleat. 2,340,924; Feb. 8.

Boye, James H., assignor to J. H. Boye Manufacturing Company, Chicago, Ill. Repair device for chairs. 2,363,041; Nov. 21.

Boye, James H., Manufacturing Company. (See Boye, James H., assignor.)

Boyer, Cheney K., Appleton, assignor to Consolidated Water Power & Paper Company, Wisconsin Rapids, Wis. Strainer for pulp digesters. 2,340,925; Feb. 8.

Boyer, Frederick G. L., administrator. (See Boyer, William J., assignor.)

Boyer, Harold H., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,345,452; Mar. 28.

Boyer, Raymond F. (See Matheson, L. A., and Boyer.)

Boyer, Raymond F., L. A. Matheson, and C. L. Moyle, assignors to The Dow Chemical Company, Midland, Mich. Light stabilized vinylidene chloride product. 2,344,489; Mar. 21.

Boyer, Robert A., Dearborn, and E. E. Ensign, Ypsilanti, assignors to Ford Motor Company, Dearborn, Mich. Magnesium production. 2,365,386; Dec. 19.

Boyer, William F., Delair, N. J. Ship decking. 2,348,188; May 9.

Boyer, William J., deceased, Wilmington, Del., by F. G. L. Boyer, administrator, assignor to F. G. L. Boyer, Hamilton, Ohio. Making antiskid chains. 2,340,171; Jan. 25.

Boyes, William H. D. (See Fieldsend, E. C., and Boyes.)

Boykin, John R., Baltimore, Md., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Automatic level control. 2,345,026; Mar. 28.

Boylan, Henry W., Flint, assignor to Detroit Lubricator Company, Detroit, Mich. Carburetor. 2,355,267; Aug. 8.

Boylan, Louis A., Chicago, Ill. Filling machine. 2,358,082; Sept. 26.

Boyle, A. S., Company, The. (See Ballou, John M., assignor.)

Boyle, Eugene G., San Francisco, Calif. Scissors. 2,343,527; Mar. 7.

Boyle, Jasper R., Maricopa County, Ariz. Saddle construction. 2,353,622; July 11.

Boyle, Thomas, Detroit, Mich. Ship. 2,351,478; June 13.

Boyles, Edgar R., and C. M. Pattison, assignors to The Johnston Glass Co., Inc., Hartford City, Ind. Apparatus for forming combination curved and straight glass. 2,348,278; May 9.

Boyles, Edgar R., and C. M. Pattison, assignors to The Johnston Glass Co., Inc., Hartford City, Ind. Apparatus for forming and annealing combination curved and straight glass. 2,348,279; May 9.

Boyles, Ralph K., and E. A. Wilhelm, assignors to Waterous Company, St. Paul, Minn. Centrifugal pump. 2,350,983; June 13.

Boynton, Alexander, San Antonio, Tex. Valve latch device for pneumatic piston pumps, differential type. 2,338,707; Jan. 11.

Boynton, Alexander, San Antonio, Tex. Non-pipe-mashing wrench. 2,339,760; Jan. 25.

Boynton, Alexander, San Antonio, Tex. Fluid pressure regulator. 2,341,525; Feb. 15.

Boynton, Alexander, San Antonio, Tex. Differential stage lift flow device. 2,345,865; Apr. 4.

Boynton, Alexander, San Antonio, Tex. Bottom hole regulator and choke in combination. 2,352,612; July 4.

Boynton, Alexander, San Antonio, Tex. Pressure regulator. 2,356,748; Aug. 29.

Boynton, Alexander, San Antonio, Tex. Pressure regulator for pneumatic tires. 2,357,807; Sept. 12.

Boynton, Alexander, San Antonio, Tex. Atmospheric resistance equalizing means for moving vehicles. 2,361,924; Nov. 7.

Boynton, Arthur J., Winnetka, and U. H. Stallings, Glenwood, Ill., assignors to Knowles Fuel Process Corporation, New York, N. Y. Production of coke. 2,347,076; Apr. 18.

Boynton & Company. (See Bradner, Harry W., assignor.)

Boynton & Company. (See Drebes, Fred C., assignor.)

Boyson, Carl V., Caldwell, assignor to Federal Telephone and Radio Corporation, Newark, N. J. Inductor. 2,340,731; Feb. 1.

Boysworth, Ernest G., Rockingham, N. C. Water heater. 2,340,638; Feb. 1.

Brace, George A., Winnetka, Ill., assignor to The Hoover Company, North Canton, Ohio. Refrigeration. 2,343,453; Mar. 28.

Brace, George A., Winnetka, Ill., assignor to The Hoover Company, North Canton, Ohio. Refrigeration. 2,343,454; Mar. 28.

Brace, Porter H., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Supervisory apparatus. 2,339,754; Jan. 25.

Brace, Porter H., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Mercury detecting method and apparatus. 2,343,090; Mar. 28.

Brace, Porter H., and C. S. Williams, Forest Hills, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electromagnetic testing machine chuck. 2,345,091; Mar. 28.

Brach, L. S., Mfg. Corp. (See Brach, Leon S., assignor.)

Brach, Leon S., East Orange, assignor to L. S. Brach Mfg. Corp., Newark, N. J. Antenna operating reel. 2,344,490; Mar. 21.

Bracke, R. F., & Company. (See Bracke, Robert F., assignor.)

Bracke, Robert F., Arlington Heights, assignor to R. F. Bracke & Company, Chicago, Ill. Sanitary basin. 2,338,139; Sept. 12.

Bracken, Wallace H., Rye, N. Y. Garment carrying frame. 2,338,401; Jan. 4.

Bracken, Wallace H., Rye, N. Y. Article of luggage. 2,339,907; Jan. 25.

Brackett, George E., San Mateo, Calif. Extension jack. 2,352,600; July 4.

Brackett, Tracy F., assignor to General Motors Corporation, Detroit, Mich. Duplicating mechanism. 2,348,280; May 9.

Brackett, Tracy F., assignor to General Motors Corporation, Detroit, Mich. Variable feed mechanism. 2,362,449; Nov. 14.

Brackney, Howard W. (See Atlee, Z. J., and Brackney.)

Bradbury, Frederick D. (See Mercer, William M., assignor.)

Bradbury, William T., Millersport, assignor to Newark Stove Company, Newark, Ohio. Oven broiler. 2,352,613; July 4.

Braddock, John S., Grand Rapids, Mich. Serving plate. 2,352,684; July 4.

Braden, John L., Burley, Idaho. Beet drill and seed mill. 2,348,208; Sept. 12.

Bradfield, Joseph L., Seattle, Wash., assignor of twenty-five per cent to F. W. Bradfield, Tacoma, Wash. Connection for heat exchange systems. 2,338,090; Jan. 4.

Bradfield, Paul W. (See Bradfield, Joseph L., assignor.)

Bradford, Colin I., Fairfield, Conn., assignor to Remington Arms Company, Inc. Measuring instrument. 2,350,545; June 6.

Bradford Machine Tool Company, The. (See Weingartner, George A., assignor.)

Bradford, William. (See Taylor, Edward C., assignor.)

Bradford, William G., Whittier, Calif. Perforation cleaner for pipe. 2,345,027; Mar. 28.

Bradley, Albert F., deceased, by E. Bradley, administratrix, assignor to Northwestern Steel and Wire Company, Sterling, Ill. Clutch mechanism. 2,365,244; Dec. 19.

Bradley, Clifford D., Aitkin, Minn. Automatic safety device for headlight systems. 2,342,639; Feb. 29.

Bradley, Edith, administratrix. (See Bradley, Albert F.)

Bradley & Gilbert Company, The. (See Vatter, Clifford C., assignor.)

Bradley, Gordon P., Vancouver, British Columbia, Canada. Engine cooling apparatus. 2,345,233; Mar. 28.

Bradley, Harry L., River Hills, and H. Petersen, Wauwatosa, assignors to Allen-Bradley Company, Milwaukee, Wis. Terminal for electric switches. 2,342,177; Feb. 22.

Bradley, John J., Jr., Dedham, assignor to Bird & Son, Inc., East Walpole, Mass. Removable floor covering and method. 2,341,078; Feb. 8.

Bradley, John J., Cranford, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical apparatus. 2,347,394; Apr. 25.

Bradley, Richard S., assignor to A. P. Green Fire Brick Company, Mexico, Mo. Assay crucible and similar article. 2,339,454; Jan. 18.

Bradley, Stephen D., Grosse Pointe Park, assignor to Detroit Macoid Corporation, Detroit, Mich. Plastic conduit. 2,340,926; Feb. 8.

Bradley, Theodore F., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Alkyd resin and preparing the same. 2,345,528; Mar. 28.

Bradley, Theodore F., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Asphaltic product and preparing same. 2,347,626; Apr. 25.

Bradley, Theodore F., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Production of drying oils. 2,348,706; May 16.

Bradley, Theodore F., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Drying oil. 2,350,583; June 6.

Bradley, Theodore F., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Producing surface coverings containing oxygen-convertible synthetic resins. 2,354,572; July 25.

Bradley, William E., Northampton, assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Automatic gain control for television receivers. 2,355,701; Aug. 15.

Bradley, William E., Los Angeles, and K. J. Korpi, Redondo Beach, assignors to Union Oil Company of California, Los Angeles, Calif. Catalytic alkylation of isoparaffins. 2,359,542; Oct. 3.

Bradley, William E., Los Angeles, and K. J. Korpi, Redondo Beach, assignors to Union Oil Company of California, Los Angeles, Calif. Alkylation of isoparaffinic hydrocarbons. 2,365,860; Dec. 26.

Bradley, William H., assignor, by mesne assignments to Horton Manufacturing Company, Fort Wayne, Ind. Ironing machine. 2,338,163; Jan. 4.

Bradley, William T., St. Louis, Mich. Cutting tool. 2,357,379; Sept. 5.

Bradnack, John H., and D. C. Thompson, Roanoke, Va., and H. C. R. Folmer, Swarthmore, Pa., assignors to American Viscose Corporation, Wilmington, Del. Skein winding machine. 2,354,792; Aug. 1.

Bradner, Donald B., Mount Healthy, assignor to The Champion Paper and Fibre Company, Hamilton, Ohio. Making coated paper. 2,346,812; Apr. 18.

Bradner, Harry W., assignor to Boynton & Company, Chicago, Ill. Follower for file drawers. 2,338,998; Jan. 11.

Bradner, Harry W., assignor to Boynton & Company, Chicago, Ill. Follower for file drawers. 2,342,326; Feb. 22.

Bradshaw, George B., Wilmington, Del., and W. C. Mealy, New Brunswick, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of detergents. 2,360,844; Oct. 24.

Bradshaw, Lawrence, and C. F. MacLagan, Brainbridge, assignors to The Bordon Company, New York, N. Y. Treating resin glues, and product produced. 2,358,683; Sept. 19.

Bradshaw, Russell R., assignor to The Dow Chemical Company, Midland, Mich. Ethyl cellulose molding composition. 2,349,134; May 16.

Bradshaw, Sidney B., assignor to Armour and Company, Chicago, Ill. Surgical string package. 2,357,996; Sept. 12.

Bradshaw, William H., Richmond, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Yarn treatment. 2,340,577; Feb. 1.

Bradshaw, William M., Summit, N. J., assignor to Westingtonhouse Electric & Manufacturing Company, East Pittsburgh, Pa. Measuring instrument. 2,345,028; Mar. 28.

Bradt, Charles C. (See Reed, George E., assignor.)

Bradt, Charles H., Groton, assignor to L. C. Smith & Corona Typewriters, Inc., Syracuse, N. Y. Duplicating machine. 2,364,942; Dec. 12.

Brady, Henry, Beckley, W. Va. Tripod base. 2,357,165; Aug. 29.

Brady, John B. (See Paulus, C. L., and Stout, assignors.)

Brady, Samuel G., Royal Oak, assignor to The Gear Grinding Machine Company, Hamtramck, Mich. Machine for grinding racks. 2,348,281; May. 9.

Brady, William H., Roselle, assignor to The Singer Manufacturing Company, Elizabeth, N. Y. Electrical rotor core. 2,350,012; May 30.

Bragg, Leslie B., Scotch Plains, N. J., assignor to Foster Wheeler Corporation, New York, N. Y. Heater. 2,338,708; Jan. 11.

Bragg, Leslie B., Scotch Plains, N. J., assignor to Foster Wheeler Corporation, New York, N. Y. Apparatus for electric resistance welding. 2,340,860; Feb. 8.

Brahe, Dan S. and L. B., New Hartford, N. Y. Package coin inserting machine. 2,341,973; Feb. 15.

Brahe, Lena B. (See Brahe, Dan S. and L. B.)

Braithwaite, Albert W. (See Alexander, E. L., and Braithwaite.)

Brake Equipment & Supply Co. (See Smith, Clarence J., assignor.)

Braker, William. (See Harris, S. E., and Braker.)

Braker, William, Brooklyn, N. Y., and W. A. Lott, Westfield, N. J., assignors to E. R. Squibb & Sons, New York, N. Y. N-(amino-benzene-sulphonyl)-nitroso anilines and salts thereof, and preparing them. 2,347,242; Apr. 25.

Braker, William, Brooklyn, and E. Pribyl, Astoria, assignors to E. R. Squibb & Sons, New York, N. Y. Preparing dihydrodiethylstilbestrol and related compounds. 2,359,019; Sept. 26.

Braley, William L., Springfield, Ohio, assignor to Oliver Farm Equipment Company. Vehicle or implement pole. 2,346,064; Apr. 4.

Brallier, Paul S., and E. S. Nowicke, Niagara Falls, N. Y., assignor, by mesne assignments, to Stauffer Chemical Company. Groundwood bleaching process. 2,359,891; Oct. 10.

Braloff, Henry, Rockville Centre, N. Y. Wall structure. 2,350,093; May 30.

Braloff, Henry E., Rockville Centre, N. Y. Container. 2,350,214; May 30.

Braloff, Henry E., Rockville Centre, N. Y. Container. 2,350,271; May 30.

Braloff, Henry E., Rockville Centre, N. Y. Fire extinguishing apparatus. 2,352,512; June 27.

Bramble, Donald E., Chicago, Ill. Safety lock for semi-trailers. 2,353,992; July 18.

Bramble, Lloyd F., assignor to Trumbull Asphalt Company, Chicago, Ill. Waterproofing material and making the same. 2,358,140; Sept. 12.

Bramble, John H., Sharpsville, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Strap-stretching device. 2,349,608; May 23.

Bramhall, Arthur, Livingston, N. J. Toilet signal device for training infants. 2,361,677; Oct. 31.

Brammer, Harry, Leeds, England. Assembling of laminated driving belts. 2,362,185; Nov. 7.

Bramming, Carl, Anderson, Ind., assignor to The Mantle Lamp Company of America, Chicago, Ill. Lamp socket and switch construction. 2,352,248; June 27.

Branco Corporation, The. (See Brandon, Martin, assignor.)

Brand, Herbert, Zollikon, Switzerland. Manufacturing lids for hermetically closing containers. 2,349,587; May 23.

Brand, Herbert, Zollikon, Switzerland. Method and apparatus for vacuumizing containers. 2,349,588; May 23.

Brand, Paul M. (See Chatterjea, P. K., and Brand.)

Brandão, Manoel Dias dos Santos, Cambuquira, Brazil. Manual automatic device for indicating the favorable periods for conception in women. 2,350,219; May 30.

Brandegee, Morris M., Plainfield, N. J., assignor to Combustion Utilities Corporation, New York, N. Y. Oil gas generator. 2,345,529; Mar. 28.

Branden, Michael B., Vancouver, Wash. Grapple. 2,346,901; Apr. 18.

Brandenburg, Hellmuth R., Cowell, assignor to Idaho Maryland Mines Corporation, San Francisco, Calif. Producing magnesium sulphate from magnesium-bearing rocks. 2,345,655; Apr. 4.

Brander, Bertil J., Stockholm, Sweden. Shaving apparatus. 2,365,861; Dec. 26.

Brandon, John R., Cramerton, N. C. Checkstrap for looms. Re. 22,509; July 4.

Brandon, John R., Cramerton, N. C. Check strap for looms. 2,347,539; Apr. 25.

Brandon, Martin, Villa Park, assignor to The Branco Corporation, Chicago, Ill. Appliance for railroad cars. 2,361,081; Oct. 24.

Brandon, Richard C. (See Jones, M. C. K., and Brandon.)

Brandstrom, Fred, Westport, Conn., assignor to Manning, Maxwell & Moore, Incorporated, New York, N. Y. Control unit for compressor systems. 2,343,952; Mar. 14.

Brandt Automatic Cashier Company. (See Sprenger, William H., assignor.)

Brandt, David G., Westfield, N. J., assignor to Cities Service Oil Company, New York, N. Y. Dewaxing oils. 2,347,809; May 2.

Brandt, David G., Westfield, N. J., assignor to Cities Service Oil Company, New York, N. Y. Process and apparatus for separating wax from mineral oil solutions. 2,347,810; May 2.

Brandt, David G., Westfield, N. J., assignor to Cities Service Oil Company, New York, N. Y. Apparatus for refining residual petroleum stocks. 2,352,513; June 27.

Brandt, David G., Westfield, N. J., assignor to Cities Service Oil Company, New York, N. Y. Extraction of hydrocarbons from natural gas. 2,355,588; Aug. 8.

Brandt, David G., Westfield, N. J., assignor to Cities Service Oil Company, New York, N. Y. Recovery of light hydrocarbons. 2,355,589; Aug. 8.

Brandt, David G., Westfield, and S. J. Wynn, Riverton, N. J., assignors to Cities Service Oil Company, New York, N. Y. Method and apparatus for preparing dispersions. 2,363,937; Nov. 28.

Brandt, Edgar W., Paris, France, assignor to Sageb, Société Anonyme de Gestion et d'exploitation de brevets, Fribourg, Switzerland. Lighting projectile. 2,362,534; Nov. 14.

Brandt, Francis L. (See Le Gore, J. P., and Brandt.)

Brandt, Francis L., Lynn, Mass., assignor to National Fireworks, Inc. Container. 2,364,943; Dec. 12.

Brandt, Henry E., North St. Paul, Minn. Fire extinguishing pump. 2,357,929; Sept. 12.

Brandt Herman D., and J. L. Weinmann, St. Louis, Mo. Piston. 2,341,592; Feb. 15.

Brandt, Richard, Berlin, Germany; vested in the Alien Property Custodian. Removal of carbonic oxide from gases. 2,338,402; Jan. 4.

Brandt, Robert L. (See Ross, J., Brandt, and Percy.)

Brandt, Robert L., New York, N. Y., assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Preparation of aliphatic-aromatic sulphonates. Re. 22,548; Sept. 26.

Brandt, Robert L., assignor to Coffee Products Corporation, New York, N. Y. Coffee extraction process. 2,345,378; Mar. 28.

Brandt, Weldon H. (See Horstman, C. C., and Brandt.)

Brandwein, Reinhold. (See Goodman, L., and Brandwein.)

Brane, Warren G. (See Limbert, J. K., Brane, and McClure.)

Branham, Arthur K. (See Caldwell, C. W., and Branham.)

Branick, Charles E., Fargo, N. Dak. Tire spreader. 2,347,311; Apr. 25.

Branson, John C. S., Harborne, Birmingham, England. Memorandum appliance. 2,356,646; Aug. 22.

Brant, Arthur P. (See Shipstead, H., and Brant.)

Brant, David O., Canoga Park, Calif. Milk strainer. 2,340,302; Feb. 1.

Brant, David O., Canoga Park, Calif. Composite coupling. 2,342,834; Feb. 29.

Brant, Gilbert W., Buffalo, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Antistatic coating for film. 2,357,380; Sept. 5.

Brantingham, Paul T., Fort Wayne, Ind., assignor to International Harvester Company. Automotive vehicle. 2,356,375; Aug. 22.

Brantingson, Sigurd. See Voight, H. G., and Brantingson.)

Brantingson, Sigurd, Hamden, assignor to Sargent & Company, New Haven, Conn. Door latch. 2,344,532; Mar. 21.

Brantley, Lillard L. (See Stephens, Paul, assignor.)

Brantz, Louis P., Philadelphia, Pa. Chair cart. 2,362,186; Nov. 7.

Branzell, Arthur E., Karlstad, Sweden, L. Glöersen, Karhula, Finland, and J. C. F. C. Richter, Oslo, Norway, assignors to Aktiebolaget Kamyr, Karlstad, Sweden. Apparatus for continuous digestion of fibrous material. 2,359,543; Oct. 3.

Braren, Cornelius I. (See Kimball, W. D., McFaull, and Braren.)

Brase, George, Fresno, Calif. Apparatus for propelling and steering boats. 2,356,301; Aug. 22.

Brashear, Douglas W., Richmond, Va., assignor to The American Tobacco Company, New York, N. Y. Chain for tobacco stemming machines. 2,359,824; Oct. 10.

Brasher, Laurence J., Topeka, Kans. Traction motor control mechanism. 2,345,788; Apr. 4.

Brass, Samuel. (See Worne, Howard E., assignor.)

Brassell, Bryan, Puerto de Luna, N. Mex. Motion transmitting mechanism. 2,349,135; May 16.

Brassert, Herman A., Washington, and J. C. Hartley, Norwalk, Conn., assignors to Minerals and Metals Corporation, New York, N. Y. Preparation of manganese products. 2,361,925; Nov. 7.

Brastad, William. (See Borchardt, L. F., and Brastad.)

Bratton, Wilson T. (See da Rosa, F. G., and Bratton.)

Bratz, Otto J., Adrian, Mich., assignor to American Chain & Cable Company, Inc., Bridgeport, Conn. Holding end loops in cables. 2,346,412; Apr. 11.

Bratz, Otto J., Adrian, Mich., assignor to American Chain & Cable Company, Inc., Bridgeport, Conn. Metalworking machine. 2,347,875; May 2.

Bratz, Otto J., Adrian, and H. D. Baluss, Palmyra, Mich., assignors to American Chain & Cable Company, Inc., Bridgeport, Conn. Machine for proof testing the holding efficiency between wire cables and fittings, etc. 2,363,938; Nov. 28.

Braucher, Harvey M., Baltimore, Md. Bulged can detector. 2,355,051; Aug. 8.

Brauer, Rudoph E. (See Ericson, E. W., and Brauer.)

Brauer, Walter, Oklahoma City, Okla. Flowing liquid from wells. 2,346,248; Apr. 11.

Brauer, Walter, Oklahoma City, Okla. Universal milling attachment. 2,361,171; Oct. 24.

Braun, Alexander N., New York, N. Y. Cluster bomb. 2,348,240; May 9.

Braun, Armond W., Grafton, Iowa. Timing device. 2,342,327; Feb. 22.

Braun, C. F., & Co. (See Haynes, Charles L., assignor.)

Braun, Emil. (See Becker, O. W., and Braun.)

Braun, Herman J. (See Weinott, C. G., and Braun.)

Braun, Karl F., Clairton, and G. T. Griffiths, McKeesport, Pa., assignors to Carnegie-Illinois Steel Corporation. Splashboard bracket for barges and the like. 2,347,876; May 2.

Braun, Richard, Stuttgart, Germany; vested in the Alien Property Custodian. Tool with hard metal cutting edge. 2,351,916; June 20.

Braun, Walter, Los Angeles, Calif. Shoe or similar article. 2,348,952; May 16.

Braunis, Stanley. (See Forsberg, Edgar E., assignor.)

Brauns, Max R., Port Coquitlam, British Columbia, Canada. Gas turbine. 2,358,301; Sept. 19.

Braunsdorff, Reginald K., East Orange, assignor to Tung-Sol Lamp Works, Inc., Newark, N. J. Manufacture of miniature incandescent lamps. 2,354,194; July 25.

Brawn, Dennis F., Detroit, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Tank closure. 2,349,723; Apr. 18.

Brawn, Herbert A., Beauharnois, assignor to Howard Smith Paper Mills Limited, Montreal, Quebec, Canada. Folding and interleaving machine. 2,344,022; Mar. 14.

Bray, Alfred J., Holliston, Mass. Belt splice cutting machine. 2,342,835; Feb. 29.

Bray, John L., La Fayette, and R. E. Howard, West Lafayette, assignors to Purdue Research Foundation, La Fayette, Ind. Electrodeposition of bright zinc. 2,355,505; Aug. 8.

Bray, Walter R., Kendall Township, Kendall County, Ill., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Gathering mechanism for harvesters. 2,359,409; Oct. 3.

Brazier, Charlie, Guntersville, Ala. Holder for ice cream cones. 2,344,937; Mar. 21.

Brecht, Friedrich L., San Francisco, Calif. Dental bridge lock. 2,339,674; Jan. 18.

Brecht, Winston A., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Turbine-driven locomotive apparatus. 2,351,479; June 13.

Breckenridge, Frank, Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Washing apparatus. 2,343,742; Mar. 7.

Breckenridge, Frank, Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Cleaning apparatus. 2,343,743; Mar. 7.

Breckenridge, Frank, Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Rotor construction. 2,349,901; May 30.

Breckenridge, Frank, and E. K. Clark, Mansfield, Ohio, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Laundry apparatus. 2,356,815; Aug. 29.

Breckenridge, Frank, Mansfield, Ohio, and R. J. Ridge, Lansdowne, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Cleaning apparatus. 2,356,817; Aug. 29.

Bredtschneider, Walter, Berlin-Charlottenburg, Germany; vested in the Alien Property Custodian. High-pressure steam generator. 2,344,077; Mar. 14.

Breen, Charles. (See Soderholm, J. S., and Breen.)

Breer, Carl, and P. C. Ackerman, Grosse Pointe, assignors to Chrysler Corporation, Highland Park, Mich. Motor vehicle lighting. 2,360,469; Oct. 17.

Breese, James L., assignor to Oil Devices, Santa Fe, N. Mex. Draft appliance. 2,339,614; Jan. 18.

Breese, James L., assignor to Oil Devices, Santa Fe, N. Mex. Spiral oil filter. 2,344,590; Mar. 21.

Breese, James L., assignor to Oil Devices, Santo Fe, N. Mex. Bellows operated antiflooding device for liquid fuel burners. 2,346,813; Apr. 18.

Breese, James L., assignor to Oil Devices, Santa Fe, N. Mex. Burner with false bottom. 2,346,814; Apr. 18.

Breese, James L., assignor to Oil Devices, Santa Fe, N. Mex. Secondary air supply means for pot type burners. 2,346,815; Apr. 18.

Breese, James L., assignor to Oil Devices, Santa Fe, N. Mex. Side wall pilot. 2,346,816; Apr. 18.

Breese, James L., assignor to Oil Devices, Santa Fe, N. Mex. Safety control for liquid fuel burners. 2,348,700; May 16.

Breese, James L., assignor to Oil Devices, Santa Fe, N. Mex. Pot type burner. 2,350,872; June 6.

Breese, James L., assignor to Oil Devices, Santa Fe, N. Mex. Pot type burner and delivering secondary air thereto. 2,351,186; June 13.

Breese, James L., assignor to Oil Devices, Santa Fe, N. Mex. Foraminous baffle for pot-type burners. 2,351,480; June 13.

Breese, James L., assignor to Oil Devices, Santa Fe, N. Mex. Foraminous pilot baffle for pot type burners. 2,351,481; June 13.

Breese, James L., assignor to Oil Devices, Santa Fe, N. Mex. Pot type burner and the delivery of secondary air. 2,353,438; July 11.

Breese, James L., assignor to Oil Devices, Santa Fe, N. Mex. Oil pilot with supplemental air supply. 2,355,416; Aug. 8.

Breese, James L., assignor to Oil Devices, Santa Fe, N. Mex. Liquid fuel burner and thermal control valve therefor. 2,355,417; Aug. 8.

Breese, James L., assignor to Oil Devices, Santa Fe, N. Mex. Oil-burning pilot. 2,357,997; Sept. 12.

Breese, James L., assignorto Oil Devices, Santa Fe, N. Mex. Liquid fuel burner. 2,361,911; Nov. 7.

Breese, James L., assignor to Oil Devices, Santa Fe, N. Mex. Notched pilot baffle. 2,361,912; Nov. 7.

Breese, James L., assignor to Oil Devices, Santa Fe, N. Mex. Liquid fuel control for hot water heaters. 2,361,913; Nov. 7.

Breese, James L., and B. Hayter, assignors to Oil Devices, Santa Fe, N. Mex. Pot with supplemental pilot chamber. 2,346,817; Apr. 18.

Breese, James L., and B. Hayter, assignors to Oil Devices, Santa Fe, N. Mex. Horizontal hydroxylating burner. 2,348,721; May 16.

Breese, James L., Santa Fe, N. Mex., and M. D. Huston, Chicago, Ill., assignors to Oil Devices, Santa Fe, N. Mex. Pilot support and air feed for pot type burners. 2,353,439; July 11.

Breese, James L., and B. Hayter, assignors to Oil Devices, Santa Fe, N. Mex. Forced draft unit for oil burners. 2,355,415; Aug. 8.

Breese, James L., Santa Fe, N. Mex., and M. D. Huston, Chicago, Ill., assignors to Oil Devices, Santa Fe, N. Mex. Two-level liquid fuel burner. 2,355,418; Aug. 8.

Breese, Paul K., Champaign, Ill. Automatic parachute opening device. 2,353,440; July 11.

Breeze Corporations, Inc. (See Mascuch, Joseph J., assignor.)

Breeze Corporations, Inc. (See Minter, Clarke C., assignor.)

Breeze Corporations, Inc. (See Shellmer, H., and Rennie, assignors.)

Breeze Corporations, Inc. (See Strunk, K. G., and Barr, assignors.)

Brehm, Charles M., assignor to The Steel Products Engineering Company, Springfield, Ohio. Die. 2,347,808; May 2.

Breinig Brothers, Inc. (See Francis, Louis, assignor.)

Breitenstein, Victor W. (See Bard, F. N., Breitenstein, Olds, and Wray.)

Breitenstein, Victor W., assignor to Illinois Testing Laboratories, Inc., Chicago, Ill. Amplifying and denoting system. 2,341,526; Feb. 15.

Breitwieser, Heinrich, Griesheim, near Darmstadt, Germany; vested in the Alien Property Crytodian. Device for navigating ships in locks. 2,351,917; June 20.

Brelsford, Harlin A., Haddon Heights, N. J., assignor to Radio Corporation of America. Clamp. 2,363,638; Nov. 28.

Brelsford, Harry E., Birmingham, assignor to Diamond Power Specialty Corporation, Detroit, Mich. Liquid level gauge. 2,351,099; June 13.

Brelsford, Harry E., Birmingham, assignor to Diamond Power Specialty Corporation, Detroit, Mich. Prismatic accumulator gauge. 2,351,100; June 13.

Brelsford, Harry E., Birmingham, assignor to Diamond Power Specialty Corporation, Detroit, Mich. Liquid level indicator. 2,351,101; June 13.

Bremer, Heinrich. (See Bechmann, R., Kundt, and Bremer.)

Bremner, John G. M., and D. McNeil, Norton-on-Tees, England, assignors to Imperial Chemical Industries Limited. Preparation of dihydropyran. 2,365,623; Dec. 19.

Bremser, Albert T., Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Fuel injection apparatus. 2,348,282; May 9.

Brend, William R., assignor to Lock Joint Pipe Company, East Orange, N. J. Pipe lining apparatus. 2,352,768; July 4.

Breneman, Chas W., Company, The. (See Sarran, W. E., and Metzger, assignors.)

Brenholtz, George E., Hamilton, Ontario, Canada. Forming metal balls. 2,358,378; Sept. 19.

Brennan, Daniel A, deceased, by E. L. Zwickel, Chicago, Ill., executor, assignor to Acco Products, Inc., Long Island City, N. Y. Fastener. 2,359,892; Oct. 10.

Brennan, James T. (See Mollner, E. R., Weber, and Brennan.)

Brennan, Joseph B., Cleveland, Ohio. Pump. 2,344,964; Mar. 28.

Brennan, Joseph B., Euclid, Ohio. Electrode and making same. 2,361,378; Oct. 31.

Brennan, Joseph B., and L. Marsh, Euclid, Ohio, said Marsh assignor to said Brennan. Screen stencil and making same. 2,338,091; Jan. 4.

Brennan, Joseph B., and L. Marsh, Euclid, Ohio, said Marsh, assignor to said Brennan. Corrosion resistant coating. 2,346,058; Apr. 18.

Brennan, Raymond F., Attleboro, Mass. Article for religious use. 2,351,918; June 20.

Brennan, Raymond F., Attleboro, Mass. Cross display structure. 2,358,558; Sept. 19.

Brenneman, Earle R., and E. Swett, Alma, Mich. Building block. 2,341,757; Feb. 15.

Brents, Harry W., Millstadt, Ill. Separator and gate therefor. 2,346,806; Apr. 4.

Brenzikofer, Harry O., West Los Angeles, Calif. Door stop. 2,338,899; Jan. 11.

Brenzinger, Julius, Fairfield, assignor to The Max Ams Machine Company, Bridgeport, Conn. Preserving coffee. 2,345,320; Mar. 28.

Breslau, Harold R., Martinsburg, W. Va., assignor to The Standard Lime and Stone Company, Baltimore, Md. Automatic level controlling mechanism. 2,345,092; Mar. 28.

Breslav, Jack, New Haven, Conn. Stock lifting grab. 2,358,767; Sept. 19.

Breslav, Jack, New Haven, Conn. Stock handling grab. 2,362,742; Nov. 14.

Bretagne, R. H. L., Nogent-sur-Oise, France; vested in the Alien Property Custodian. Preparation of dyestuffs of the anthracenic series. 2,344,389; Mar. 14.

Bretschneider, Hermann, G. Fodor, and Z. Földi, Budapest, Hungary; vested in the Alien Property Custodian. Preparing alpha, beta-dialkyl-alpha, beta-diaryl-ethanes. 2,350,718; June 6.

Brett Lithographing Co. (See Lee, George N., assignor.)

Bretzlaff, W. Herbert. (See Grimes, Charles P., assignor.)

Breuer, Frederick W., Haverford, Pa., assignor to The United Gas Improvement Company. Recovery of valuable hydrocarbons. 2,359,020; Sept. 26.

Breukelman, Christian W., Forest Reserve, Fyzabad, Trinidad, British West Indies. Operating device. 2,340,861; Feb. 8.

Breuner, Wallace E. (See Crocker, E. O., and Breuner.)

Brewer, Charles A., Noroton Heights, Conn., assignor of one-half to P. J. Kury, Arverne, N. Y. Control mechanism. Re. 22,451; Mar. 7.

Brewer, Charles A., Noroton Heights, assignor of one-half to P. J. Kury, Arverne, N. Y. Safety control system for motor vehicles. 2,346,149; Apr. 11.

Brewer, Charles A., Noroton Heights, Conn., assignor of one-half to P. J. Kury, Arverne, N. Y. Control system for motor vehicles. 2,346,353; Apr. 11.

Brewer, Charles A., Noroton Heights, Conn., assignor of one-half to P. J. Kury, Arverne, N. Y. Control system for motor vehicles. 2,346,354; Apr. 11.

Brewer, Charles A., Noroton Heights, Conn., assignor of one-half to P. J. Kury, Arverne, N. Y. Control system for motor vehicles. 2,346,355; Apr. 11.

Brewer, Charles A., Noroton Heights, Conn., assignor of one-half to P. J. Kury, Arverne, N. Y. Control system for motor vehicles. 2,346,533; Apr. 11.

Brewer, Charles A., Noroton Heights, Conn., assignor of one-half to P. J. Kury, Arverne, N. Y. Control system for motor vehicles. 2,346,534; Apr. 11.

Brewer, Charles A., Noroton Heights, Conn., assignor to P. J. Kury, Arverne, N. Y. Clutch control mechanism. 2,346,535; Apr. 11.

Brewer, Daniel, Longview, assignor of one-half to E. F. Wheat, Kilgore, Tex. Dehydrator. 2,360,930; Oct. 24.

Brewer, Harry, Sidney, Nebr. Chipper guard. 2,347,878; May 2.

Brewer, John H. Towson, Md., assignor to Kimble Glass Company, Vineland, N. J. Apparatus for the cultivation of annerobic and micro-aerophilic organisms. 2,348,448; May 9.

Brewer, John H., and H. E. Taylor, Baltimore, Md., assignors to Hynson, Westcott & Dunning, Incorporated. Dispensing apparatus. 2,339,908; Jan. 25.

Brewer, Pearl H. (See Kraybill, H. R., Brewer, and Thornton.)

Brewster Aeronautical Corporation. (See Bertrán, Edward M., assignor.)

Brewster Aeronautical Corporation. (See Bertrán, E. M., and Lesnick, assignors.)

Brewster Aeronautical Corporation. (See Bertrán, E. M., and Sokol, assignors.)

Brewster Aeronautical Corporation. (See Brown, D. T., and Layman, assignors.)

Brewster Aeronautical Corporation. (See Davis, Loren R., assignor.)

Brewster Aeronautical Corporation. (See Eddy, Edwyn A., assignor.)

Brewster Aeronautical Corporation. (See Lawry, William E., Jr., assignor.)

Brewster Aeronautical Corporation. (See Lesnick, Robert N., assignor.)

Brewster Aeronautical Corporation. (See Yujuico, P. S., and Thurston, assignors.)

Brewster, Casee. (See Brewster, Percy D., assignor.)

Brewster, Earl G. (See Rearden, D. S., Brewster, and Sanderson.)

Brewster, Morris B., Co. (See Turner, Guilford A., assignor.)

Brewster, Percy D., Holmdel, N. J., assignor to C. Brewster, East Orange, N. J. Rotary pump and compressor. 2,356,915; Aug. 29.

Brewster, Percy D., Holmdel, N. J., assignor to C. Brewster, East Orange, N. J. Variable capacity pumps or motor. 2,356,916; Aug. 29.

Brewton, Grace M., A. C. Andrews, and F. C. Silva, Orange Grove, Tex. Ration stamp cutter. 2,347,249; Apr. 25.

Brewton, Robert L., assignor to Wilson & Bennett Manufacturing Co., Chicago, Ill. Pail handle. 2,338,082; Jan. 4.

Breyer, Frank G., Wilton, Conn., assignor to J. M. Huber, Inc., New York, N. Y. Thermofluid printing ink. 2,351,585; June 20.

Brian, William S., and F. J. Birk, Owensboro, Ky. Boat hull construction and propulsion. 2,348,106; May 2.

Briant, Raymond C., Pittsburgh, Pa., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Making composite articles. 2,354,426; July 25.

Brice, Albert L., assignor to Frederick Iron and Steel Company, Frederick, Md. Stoker operating mechanism. 2,363,389; Nov. 21.

Brice, Norman E., Millburn, N. J., assignor to The Permutit Company, New York, N. Y. Strainer system. 2,364,775; Dec. 12.

Bricker, Burton C., Rahway, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Decalcomania. 2,359,462; Oct. 3.

Brickham, Nelson H., Cheyenne, Wyo. Air deflector for ventilating systems. 2,364,265; Dec. 5.

Brickley, James L., Darby, Mont., assignor of one-fifth to C. A. Crawford and one-fifth to A. R. Kurtz, Hamilton, Ohio. Fish guard. 2,338,487; Jan. 4.

Brickley, James L., Spokane, Wash., assignor of one-third to S. A. Wheeler, Hamilton, Mont., and one-third to L. T. Wheeler, Spokane, Wash. Hand sanding machine. 2,357,166; Aug. 29.

Brickman, Alan E., Monongahela, and H. B. Trott, Donora, Pa., assignors to The American Steel and Wire Company of New Jersey. Machine for forming resilient brackets. 2,346,468; Apr. 11.

Brickman, Alan E., Monongahela, Pa., assignor to The American Steel and Wire Company of New Jersey. Cable highway guard. 2,349,648; May 23.

Brickman, Alan E., New Haven, Conn., assignor to The American Steel and Wire Company of New Jersey. Shock absorber. 2,353,872; July 18.

Brickman, Alan E., Monongahela, Pa., assignor to The American Steel and Wire Company of New Jersey. Harness connector for looms. 2,354,180; July 25.

Brickman, Leo. (See Leitch, L. C., Brickman, and Ryan.)

Brickner, Arthur J. (See Kropf, H. W., and Brickner.)

Brickner-Kropf Machine Company. (See Kropf, H. W., and Brickner, assignors.)

Bridge, David, & Company, Limited. (See Brown, Joseph, assignor.)

Bridgeport Brass Company. (See Broecker, Lewis C., assignor.)

Bridgeport Brass Company. (See Clark, Walter R., assignor.)

Bridgeport Brass Company. (See Ferguson, John E.)

Bridgeport Brass Company. (See Mears, Stowell W., assignor.)

Bridgeport Brass Company. (See Morris, Alan, assignor.)

Bridgeport Brass Company. (See Wadell, Carl H., assignor.)

Bridgeport Fabrics, Inc. (See Spraragen, Louis, assignor.)

Bridgeport Metal Goods Manufacturing Company, The. (See Houlihan, Rudolph N., assignor.)

Bridgeport Metal Goods Manufacturing Company, The. (See Noel, Philip X., assignor.)

Bridges, Frank R., Needham, assignor to The Gamewell Company, Newton Upper Falls, Mass. Signal apparatus. Re. 22,514; July 11.

Bridwell, Chalon E., Detroit, Mich. Oil well pumping means. 2,348,241; May 9.

Bridwell, Chalon E., Detroit, Mich. Pumping mechanism. 2,356,207; Aug. 22.

Bridwell, Chalon E., Detroit, Mich. Pump anchor mechanism. 2,356,208; Aug. 22.

Bridwell, Chalon E., Detroit, Mich. Pumping mechanism. 2,361,989; Nov. 7.

Bridwell, Chalon E., Detroit, Mich. Improved bleeder valve. 2,363,290; Nov. 21.

Briechle, Ambrosius, Brooklyn, R. T. Hurley, Dobbs Ferry, and G. E. Merritt, Staten Island, N. Y., assignors to Bendix Aviation Corporation, South Bend, Ind. Camera. 2,347,732; May 2.

Bried, Julien A., Berkeley, assignor to Enterprise Engine & Foundry Company, San Francisco, Calif. Hammermill feed end. 2,344,591; Mar. 21.

Brierley, Edgar. (See Hall, G., and Brierley.)

Briggs, Allan L., assignor to Blackstone Corporation, Jamestown, N. Y. Machine mounting. 2,361,529; Oct. 31.

Briggs, Arthur J., Syracuse, assignor of one-half to W. L. Hinds, Fayetteville, N. Y. Machine for applying hood caps to bottles. 2,364,776; Dec. 12.

Briggs, Arthur T. (See Hackethal, P. F., Lampton, and Briggs.)

Briggs, Burton W., Newton, Mass. Control system for record playing or like devices. 2,348,953; May 16.

Briggs, C. A., Company. (See Lovejoy, Arthur W., assignor.)

Briggs, Ernest B., Dubuque, Iowa, assignor of one-fourth to G. Holley, Flossmoor, Ill., one-fourth to I. Harris, and one-fourth to D. Davis, Dubuque, Iowa. Clip and pencil holder. 2,353,385; July 11.

Briggs, Eugene L. (See Kurth, E. F., and Briggs.)

Briggs, Howland F., assignor to Consolidated Packaging Machinery Corporation, Buffalo, N. Y. Weighing apparatus. 2,343,528; Mar. 7.

Briggs, Howland F., assignor to Consolidated Packaging Machinery Corporation, Buffalo, N. Y. Material diffusing head for container filling machines. 2,360,756; Oct. 17.

Briggs, John C., Harrogate, England. Cutting tool. 2,357,074; Aug. 29.

Briggs Manufacturing Company. (See Ball, Albert P., assignor.)

Briggs Manufacturing Company. (See Coordes, Harry G., assignor.)

Briggs Manufacturing Company. (See Doty, Clifford B., assignor.)

Briggs Manufacturing Company. (See Doty, C. B. and Vigmostad, assignors.)

Briggs Manufacturing Company. (See Gernandt, Waldo G., assignor.)

Briggs Manufacturing Company. (See Maize, Paul F., assignor.)

Briggs Manufacturing Company. (See Pattison, Herbert J., assignor.)

Briggs Manufacturing Company. (See Philippsen, Mathew J., assignor.)

Briggs Manufacturing Company. (See Prance, Alvin W., assignor.)

Briggs Manufacturing Company. (See Ragsdale, LaVerne B., assignor.)

Briggs Manufacturing Company. (See Skoning, John H. S., assignor.)

Briggs Manufacturing Company. (See Tjaarda, John, assignor.)

Briggs Manufacturing Company. (See Tjaarda, J., and Ehrling, assignors.)

Briggs Manufacturing Company. (See Votypka, John, assignor.)

Briggs, Robert E., Spreckels, Calif. Electrolytic precipitation of dissolved substances from solutions. 2,341,356; Feb. 8.

Briggs, Robert L., Jr., Pasadena, Calif. Valve. 2,352,249; June 27.

Briggs & Stratton Corporation. (See Fitz Gerald, John W., assignor.)

Briggs & Stratton Corporation. (See Hazzard, Harry I., assignor.)

Briggs & Stratton Corporation. (See Jacobi, Edward N., assignor.)

Briggs, Thomas H. and W. H., assignors to Burman & Sons Limited, Birmingham, England. Vehicle steering mechanism. 2,344,797; Mar. 21.

Briggs, Walter H. (See Briggs, Thomas H. and W. H.)

Bright, Albert G., and W. E. Fisher, assignors to Eastman Kodak Company, Rochester, N. Y. Separation of solvent mixtures. 2,350,719; June 6.

Bright, Albert G., and W. E. Fisher, assignors to Eastman Kodak Company, Rochester, N. Y. Distillation control. 2,364,341; Dec. 5.

Bright, Elvin M., Whitefish Bay, assignor to Plastic Veneering, Inc., Milwaukee, Wis. Process and apparatus for curing plastic coatings. 2,346,101; Apr. 4.

Bright, Elvin M., Whitefish Bay, assignor to Plastic Veneering, Inc., Milwaukee, Wis. Coating wooden patterns. 2,351,919; June 20.

Bright, Raymond G., El Paso, Tex. Beverage-making equipment. 2,360,194; Oct. 10.

Brightman, William S., Irvington, N. J. Filler shield. 2,341,511; Feb. 15.

Brightwell, Robert R., assignor to Stephano Brothers, Philadelphia, Pa. Liquid dispensing apparatus. 2,361,818; Oct. 31.

Brightwell, Robert R., assignor to Stephano Brothers, Philadelphia, Pa. Wrapping machine. 2,363,939; Nov. 28.

Brightwell, Walter J., Henderson, Tex. Valved well packer. 2,339,319; Jan. 18.

Briktex, Incorporated. (See Kaye, Robert L., assignor.)

Brilhart, Arnold, Great Neck, N. Y., assignor to Arnold Brilhart Ltd. Reed for musical instruments. 2,342,836; Feb. 29.

Brilhart, Arnold, Great Neck, N. Y., assignor to Arnold Brilhart Ltd. Adjustable cord. 2,356,209; Aug. 22.

Brilhart, Arnold, Ltd. (See Brilhart, Arnold, assignor.)

Brill, J. G., Company. (See Flogaus, Howard A., assignor.)

Brill, Ruby L., and S. Lipton, New York, N. Y. Hat adjusting means. 2,346,288; Apr. 11.

Brill, William E. (See Husman, C., and Brill.)

Brindle Thomas, Pawtuxet, R. I. Loom for weaving ladder webbing. 2,346,551; Apr. 11.

Brinen, Howard F., assignor to Young Radiator Company, Racine, Wis. Turbulence strip for heat exchangers. 2,359,288; Oct. 3.

Briney, Ottis R., Jr., Pontiac, Mich. Method and apparatus for grinding ball seats in steel articles. 2,345,177; Mar. 28.

Briney, Ottis R., Jr., Pontiac, Mich. Tool slide supporting structure. 2,346,724; Apr. 18.

Briney, Ottis R., Jr., Pontiac, Mich. Grinding machine. 2,347,766; May 2.

Brink, Winfield S., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Making disk wheels. 2,354,439; July 25.

Brinker, Elizabeth M. (See Brinker, Joseph M., assignor.)

Brinker, Joseph M., assignor of one-half to M. Podgurski, Baltimore, Md. Welding rod box. 2,352,685; July 4.

Brinker, Joseph M., assignor to E. M. Brinker, Washington, D. C. Corrugated sheet metal building construction. 2,352,884; July 4.

Brinkman, Herbert C. (See Gruening, W. E., and Brinkman.)

Brinkman, Herbert C., assignor to The Stacey Bros. Gas Construction Company, Cincinnati, Ohio. Tank for lift type gas holders. 2,340,831; Feb. 1.

Brinton, Christian H., Oak Park, and W. E. Zimmermann, assignors to Standard Cap and Seal Corporation, Chicago, Ill. Feeding and serving mechanism. 2,340,639; Feb. 1.

Brinton, Thomas E., Cedar Falls, Iowa. Pump. 2,357,075; Aug. 29.

Briod, André E., Short Hills, and L. O. Buxton, Newark, assignors to National Oil Products Company, Harrison, N. J. Vitamin fortification. 2,345,571; Apr. 4.

Brisbane Box Corporation. (See Duell, Charles H., assignor.)

Briscoe, Ernest V., Kerman, Calif. Leveling control for implements. 2,365,387; Dec. 19.

Briskin, Jack. (See Lake, D. W., and Briskin.)

Briskin, Jack, et al. (See Sperry, Philmore F., assignor.)

Briskin, Jack. (See Sperry, P. F., and Briskin, Philip F. and J.)

Briskin, Philip F. (See Sperry, P. F., and Briskin, Philip F. and J.)

Briskin, Theodore H., et al. (See Sperry, Philmore F., assignor.)

Briskin, Theodore H., et al. (See Sperry, P. F., and Briskin, Philip F. and J., assignors.)

Briskin, Theodore S., assignor to Revere Camera Company, Chicago, Ill. Projector. 2,366,084; Dec. 26.

Briskin, Theodore S., and P. F. Sperry, deceased, by H. B. Sperry, executrix, assignors to Revere Camera Company, Chicago, Ill. Magazine ejector mechanism for cameras. 2,357,076; Aug. 29.

Briskman, Samuel. (See Doehm, Karl A., assignor.)

Briskman, Samuel. (See Weidaner, Curtis, assignor.)

Brissonnet, Pierre, and G. A. Durand, Paris, France; vested in the Alien Property Custodian. Transmission. 2,344,078; Mar. 14.

Bristol Aeroplane Company Limited, The. (See Crowe, R. K. and Mansell, assignors.)

Bristol Aeroplane Company Limited, The. (See Fedden, A. H. R., and Thomas, assignors.)

Bristol Aeroplane Company Limited, The. (See Owner, Frank M., assignor.)

Bristol, Carlton W., Naugatuck, assignor to The Bristol Company, Waterbury, Conn. Multiple-point connecting device. 2,351,394; June 13.

Bristol Company, The. (See Bristol, Carlton W., assignor.)

Bristol Company, The. (See MacLaren, Fred B., Jr., assignor.)

Bristol Company, The. (See Waidelich, James R., assignor.)

Bristol-Myers Company. (See Deskey, Donald, assignor.)

Bristow, James J. R. (See Walker, C. S., Skinner, and Bristow.)

Bristow, Paul W., assignor to Scott & Williams, Incorporated, Laconia, N. H. Knitting machine and method. 2,365,801; Dec. 26.

Brite Specialty Co. et al. (See Partridge, William H., assignor.)

British American Oil Company, Ltd., The. (See Rude, Robert L., assignor.)

British Celanese Limited. (See Finlayson, D., Greenwood, and Simpson, assignors.)

British Celanese Limited. (See Mellor, A., and Mann, assignors.)

British Celanese Limited. (See Woodman, Thomas C., assignor.)

British Cotton Industry Research Association, The, et al. (See Peirce, F. T., and Gardiner, assignors.)

British Insulated Cables Limited. (See Handley, W. C., and Quayle, assignors.)

British Insulated Cables Limited. (See Hargreaves, E. S., and Steward, assignors.)

British Rola Limited. (See Marlow, Dennis H., assignor.)

British Ropes Limited. (See Almeroth, H. H., and Richardson, assignors.)

British Vacuum Cleaner & Engineering Company Limited, The. (See Molden, W. J., and Webber.)

Brittain, Richard J., Jr., Bloomfield, N. J., assignor to General Motors Corporation, Detroit, Mich. Railway journal box. 2,349,073; May 16.

Brittain, Robert T., Tacoma, Wash. Electric fuse plug cap. 2,338,994; Jan. 11.

Brittain, Samuel B., Penn Township, Allegheny County, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Drag-out mechanism for furnaces. 2,363,291; Nov. 21.

Britten, Cecil A., assignor to Food Machinery Corporation, San Jose, Calif. Olive-pitting machine. 2,360,103; Oct. 10.

Britten, Edwin F., Jr., Short Hills, assignor to Monroe Calculating Machine Company, Orange, N. J. Setting device for registers. 2,363,114; Nov. 21.

Brittin, Wesley E., Boulder, Colo., assignor to The Permutit Company, New York, N. Y. Water conditioning product and process. 2,360,195; Oct. 10.

Brittingham, James S., assignor of one-half to R. E. Barber, Bay Pines, Fla. Safety ash tray. 2,341,136; Feb. 8.

Britton, Edgar C. (See Berhenke, L. F., Monroe, and Britton.)

Britton, Edgar C., and L. F. Berhenke, assignors to The Dow Chemical Company, Midland, Mich. Recovery of cyanoacetic acid from aqueous inorganic salt solutions thereof. 2,338,834; Jan. 11.

Britton, Edgar C., Midland, Mich., H. B. Marshall, Toronto, Ontario, Canada, and W. J. Le Fevre, assignors to The Dow Chemical Company, Midland, Mich. Insoluble polymers derived from styrene. 2,341,175; Feb. 8.

Britton, Edgar C., and G. H. Coleman, assignors to The Dow Chemical Company, Midland, Mich. Esters of 4-teritarybutyl-phenoxy-alkylols. 2,344,491; Mar. 21.

Britton, Edgar C., and W. J. Le Fevre, assignors to The Dow Chemical Company, Midland, Mich. Polymerization of vinyl aromatic compounds. 2,349,136; May 16.

Britton, Edgar C., and M. E. Huscher, assignors to The Dow Chemical Company, Midland, Mich. Selective chlorination of propylene in the presence of acetylenes. 2,350,964; June 13.

Britton, Edgar C., and F. L. Taylor, assignors to The Dow Chemical Company, Midland, Mich. Polymeric vinylidene chloride composition. 2,351,102; June 13.

Britton, Edgar C., and J. E. Eisenman, assignors to The Dow Chemical Company, Midland, Mich. Purification of phenothiazine. 2,353,292; July 11.

Britton, Edgar C., and W. J. Le Fevre, assignors to The Dow Chemical Company, Midland, Mich. Production of vinyl aromatic resins. 2,359,196; Sept. 26.

Britton, Edgar C., and J. N. Hansen, assignors to The Dow Chemical Company, Midland, Mich. Amine salts of polyhalo-phenols. 2,362,464; Nov. 14.

Britton, Loyal H., Indianapolis, Inc. Closure. 2,339,455; Jan. 18.

Brizay, Emile A., Singapore, Straits Settlements; vested in the Alien Property Custodian. Construction of piles, caissons, and the like in situ. 2,342,243; Feb. 22.

Brizzolara, Robert T., New Dorp, Staten Island, N. Y. Refrigeration method and apparatus. 2,354,496; July 25.

Brizzolara, Robert T., New Dorp, Staten Island, N. Y. Refrigeration apparatus. 2,354,497; July 25.

Broad & Company Limited. (See Rankin, Alexander M., assignor.)

Broadbooks, Byron B., McPherson, Kans., assignor to A. B. Chance Company, Centralia, Mo. Tool for high-tension lines. 2,352,686; July 4.

Broadfield Metals Corporation. (See Ducarpe, Pierre G., assignor.)

Brock, John B., Adairsville, assignor to J. H. Cutler, Columbus, Ga. Conveying mechanism. 2,354,939; Aug. 1.

Brock & Rankin. (See Hildmann, William B., assignor.)

Brock, Robert. (See Kucera, F. A., and Brock.)

Brock, William C., Glen Morgan, W. Va. Fuel tank. 2,354,573; July 25.

Brockett, Glenn F., assignor to Fisher Governor Company, Marshalltown, Iowa. Liquid level responsive means. 2,353,641; July 18.

Brockett, Glenn F., assignor to Fisher Governor Company, Marshalltown, Iowa. Pilot means for liquid level controls and the like. 2,356,970; Aug. 29.

Brockhurst, James B., Red Bank, N. J. Self-sharpening safety razor. 2,353,142; July 11.

Brocklebank, Alfred E., assignor to The Wellman Bronze-Aluminum Company, Cleveland, Ohio. Routing machine. 2,363,115; Nov. 21.

Brockman, Edwin G., Indianola, Iowa. Compass. 2,366,000; Dec. 26.

Brockman, Morton S., Cleveland, Ohio. Carrying case. 2,360,931; Oct. 24.

Brockway, Lewis M., et al. (See Brockway, Walter L., assignor.)

Brockway, Walter L., Auburn Township, Geauga County, assignor of one-half to M. Greenler, Chardon, and one-fourth to L. M. Brockway, Chagrin Falls, Ohio. Self-centering device. 2,363,940; Nov. 28.

Brodberg, Fred E. (See Lee, R., and Brodberg.)

Brodén, John G. M., Malmo, Sweden. Alarm apparatus. 2,352,467; June 27.

Broder, Harry, New York, N. Y. Lipstick container-dispenser. 2,351,395; June 13.

Broderick, Frank W., New Brighton, N. Y., assignor to Reynolds Metals Company, Richmond, Va. Divided carton. 2,346,206; Apr. 11.

Broders, Claude O., assignor to United Aircraft Corporation, East Hartford, Conn. Fan construction. 2,354,101; July 18.

Brodersen, Max M., Alhambra, Calif., assignor to The Slusser-McLean Scraper Company, Sidney, Ohio. Traction power operated winch. 2,352,250; June 27.

Brodersen, Max M., Alhambra, Calif., assignor to The Slusser-McLean Scraper Company, Sidney, Ohio. Control for hauling scrapers. 2,361,914; Nov. 7.

Brodie, Ruthford E., Lanesboro, Mass., assignor to General Electric Company. Terminal structure. 2,352,159; June 27.

Brodie, Stuart B., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Reservoir construction. 2,350,720; June 6.

Broecker, Lewis C., Nichols, assignor to Bridgeport Brass Company, Bridgeport, Conn. Manufacturing inserts for valve stems. 2,346,413; Apr. 11.

Broekhuysen, William C., Brooklyn, N. Y., assignor to International Cigar Machinery Company. Vibrating feed for cigar machines. 2,342,116; Feb. 22.

Broersma, Jacob A., Grand Haven, Mich. Die tool. 2,361,595; Oct. 31.

Broga, Wilson C., Westfield, and W. A. Schaich, Springfield, Mass. Adjustable reamer. 2,359,296; Oct. 3.

Broga, Wilson C., Westfield, Mass. Adjustable reamer. 2,361,379; Oct. 31.

Brogden, Ernest M., Orlando, Fla., assignor to President and Directors of the Manhattan Company (sometimes known as Bank of the Manhattan Company), trustee, New York, N. Y. Package, packing container, and blank therefor. 2,359,297; Oct. 3.

Brogden, Ernest M., Orlando, Fla., assignor to President and Directors of the Manhattan Company (sometimes known as Bank of the Manhattan Company), trustee, New York, N. Y. Package, container, and blank therefor. 2,359,298; Oct. 3.

Brogden, Ernest M., Orlando, Fla., assignor to President and Directors of the Manhattan Company (sometimes known as Bank of the Manhattan Company), trustee, New York, N. Y. Package, container, and blank therefor. 2,361,926; Nov. 7.

Brogden, Ernest M. and R. R., assignors to Duz-Pak Corporation, Savannah, Ga. Merchandise packaging. 2,351,596; June 20.

Brogden, Ronald R. (See Brogden, Ernest M. and R. R.)

Brogdex Company. (See Burwick, L. W., Cothran, and Cunning, assignors.)

Brogdex Company. (See Cothran, Charles D., assignor.)

Brogdex Company. (See Harlow, Orman M., assignor.)

Brogren, Axel V. (See Parsons, J. T., and Brogren.)

Broido, Daniel, Cockfosters, near Barnet, England. Calculating machine. 2,357,167; Aug. 29.

Broido, Daniel, Cockfosters, near Barnet, England. Control apparatus for sheet feeding devices. 2,358,051; Sept. 12.

Bromagem, Irl R., assignor to Union City Body Company, Union City, Ind. Theater seat. 2,347,931; May 2.

Bromilow and Edwards Limited. (See Swift, Herbert W., assignor.)

Bromley, Mellor, and Co. Limited. (See Shortland, Arthur, assignor.)

Bromley, Thomas C., and A. Shortland, Leicester, England. Circular knitting machine. 2,345,698; Apr. 4.

Bromley, Thomas C., and A. Shortland, assignors to Mellor Bromley & Co. Limited, Leicester, England. Mechanism for supplying yarn and thread to the needles of knitting machines. 2,348,598; May 9.

Bromm, Fred H., West Hempstead, N. Y., assignor to American Telephone and Telegraph Company. Reeling device. 2,361,258; Oct. 24.

Broms, Allan, Whitestone, Long Island, N. Y. Film developing tank and method. 2,351,396; June 13.

Bronander, Wilhelm B., Montclair, N. J. Wrapping machine. 2,360,845; Oct. 24.

Bronander, Wilhelm B., Montclair, N. J. Machine for making and filling packages. 2,360,846; Oct. 24.

Bronander, Wilhelm B., Montclair, N. J. Forming and applying cooling fins to tubular members. 2,363,224; Nov. 21.

Brongersma, Cornelius, Muskegon Heights, assignor to Manning, Maxwell & Moore, Inc., Muskegon, Mich. Hand control unit. 2,348,107; May 2.

Bronner, James E., Eltingville, Staten Island, N. Y. Spacing, bracing, retaining and clamping device. 2,358,209; Sept. 12.

Bronson, Emerson C. Omro, Wis. Garter purse. 2,340,451; Feb. 1.

Bronson Reel Company. (See Coxe, Joseph A., assignor.)

Bronson Reel Company. (See Coxe, J. A., and McMahon, assignors.)

Bronson Reel Company. (See McMahon, Richard P., assignor.)

Bronstien, Edward L., and J. G. Strandberg, assignors to The United States Bedding Company, St. Paul, Minn. Machine for fabricating upholstery springs. 2,351,659; June 20.

Brooke, Frank W., assignor to Swindell-Dressler Corporation, Pittsburgh, Pa. Electric arc furnace. 2,343,443; Mar. 7.

Brooke, Frank W., assignor to Swindell-Dressler Corporation, Pittsburgh, Pa. Electric arc furnace. 2,365,521; Dec. 19.

Brooke, Lloyd F. (See Elliott, L. P., and Brooke.)

Brooker, Leslie G. S., and F. L. White, assignors to Eastman Kodak Company, Rochester, N. Y. Polymethine dye intermediates. 2,341,357; Feb. 8.

Brooker, Leslie G. S., and W. W. Williams, assignors to Eastman Kodak Company, Rochester, N. Y. Dye intermediates. 2,345,093; Mar. 28.

Brooker, Leslie G. S., and R. H. Sprague, assignors to Eastman Kodak Company, Rochester, N. Y. Organic cyanine base. 2,345,094; Mar. 28.

Brooker, Leslie G. S., and R. H. Sprague, assignors to Eastman Kodak Company, Rochester, N. Y. Cyanine dyes. 2,356,445; Aug. 22.

Brooking, Edgar C., Toccoa, Ga., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Industrial shock absorber. 2,353,293; July 11.

Brooks, Benjamin T., Old Greenwich, Conn., assignor to Standard Alcohol Company. Production of nitriles. 2,364,422; Dec. 5.

Brooks, Chester E., Montvale, and E. W. Flint, Mountain View, N. J.; said Brooks assignor to American Telephone and Telegraph Company, and said Flint assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Pay station telephone system. 2,357,576; Sept. 5.

Brooks, E. J., Company. (See Brooks, Winfred M., assignor.)

Brooks, E. J., Company. (See Moberg, Sigurd M., assignor.)

Brooks Equipment and Mfg. Co. (See Brooks, Lew W., assignor.)

Brooks Equipment Corporation. (See Brooks, Stephen H., assignor.)

Brooks Equipment Corporation. (See Quinn, Aloysius J., assignor.)

Brooks, Ernest N., et al., executors. (See Brooks, Lew W.)

Brooks, Frank M. (See Dean, W. F., and Brooks.)

Brooks, Harrison M., assignor to Trico Products Corporation, Buffalo, N. Y. Window operator. 2,365,742; Dec. 26.

Brooks, Herbert W. (See Kendall, G. H., Oxhandler, and Brooks.)

Brooks, Lew W., deceased, by E. N. Brooks, K. Martin, and J. A. Ayres, executors, assignors to Brooks Equipment and Mfg. Co., Knoxville, Tenn. Jacklike support for loading, hauling, and dumping apparatus. 2,345,789; Apr. 4.

Brooks, Lew W., deceased, by E. N. Brooks, K. Martin, and J. A. Ayres, executors, assignors to Brooks Equipment and Mfg. Co., Knoxville, Tenn. Bucket or receptacle for loading, hauling, and dumping apparatus. 2,345,790; Apr. 4.

Brooks Paper Company. (See Allen, Rhea P., assignor.)

Brooks Paper Company. (See Denison, Leon E., assignor.)

Brooks, Robert E., Maywood, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Assembling apparatus. 2,364,689; Dec. 12.

Brooks, Stephen H., assignor to Brooks Equipment Corporation, New York, N. Y. Power transmission means. Re. 22,575; Oct 24.

Brooks, Stephen H., assignor to Brooks Equipment Corporation, New York, N. Y. Bracket. 2,342,625; Feb. 29.

Brooks, Thomas E. (See Olson, C. A., Lisle, and Brooks.)

Brooks, Thomas E., assignor to Lisle Corporation, Clarinda, Iowa. Magnetic plug. 2,345,029; Mar. 28.

Brooks, Wilbur R., West Hartford, Conn. Fireplace heater. 2,359,197; Sept. 26.

Brooks, Wilbur R., Hartford, Conn., assignor, by mesne assignments, to Federal Electric Products Company, Inc., Newark, N. J. Quick breaking means for electric switches. 2,359,614; Oct. 3.

Brooks, Winfred M., West Orange, assignor to E. J. Brooks Company, Newark, N. J. Bag seal. 2,342,244; Feb. 22.

Brooks, Winslow A., Elizabeth, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Removal of nitrogen oxides from sulphuric acid. 2,355,702; Aug. 15.

Brookabank, Arthur, Toronto, Ontario, Canada. Writing pad equipment. 2,355,506; Aug. 8.

Brooksby, Ernest, and F. E. Deans, assignors to The Bently Engineering Company Limited, Leicester, England. Knitting machine. 2,366,001; Dec. 26.

Broom, Harry P. (See Houdry, E. J., and Broom.)

Broomé, Carl L. P. (See Blomberg, K. H., Broomé, Dahlgren, Johansson, and Lundholm.)

Broschinski, Martin H., Goodland, Kans. Weed shedding attachment for rod weeders. 2,361,596; Oct. 31.

Brosius, Edgar E., Pittsburgh, Pa. Manipulator. 2,345,571; Apr. 4.

Brosius, John P., Pittsburgh, Pa. Submerged burner. 2,358,302; Sept. 19.

Brostrom, Charles G., Lynn, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Trimming machine. 2,359,893; Oct. 10.

Brothers, Abe R., Brooklyn, N. Y. Belt rack. 2,366,085; Dec. 26.

Brotherton, George A., Laurinburg, N. C. Treating grain. 2,346,902; Apr. 18.

Brotz, Roman C., Kohler, Wis. Propeller. 2,346,552; Apr. 11.

Brougham, Herbert W., Seattle, Wash. Production recorder. 2,354,361; July 25.

Broughton, Douglas J., assignor to Buxton, Incorporated, Springfield, Mass. Flexible pocket receptacle. 2,354,793; Aug. 1.

Broussard, Robert F. (See Toce, C. A., and Broussard.)

Brouwer, Benjamin W., Auburn, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Shuttle box construction. 2,357,453; Sept. 5.

Brow, George F., and Frank Rioux, East Braintree. Mass. Aluminum cutter. 2,341,358; Feb. 8.

Brow, George F., East Braintree, and F. E. Rioux, North Attleboro, Mass. Cutting aluminum. 2,358,772; Sept. 26.

Browder, Lewis B. (See Corte, A., and Browder.)

Brown, Alexander C., assignor to Emery Industries, Inc., Cincinnati, Ohio. Distillation. 2,352,160; June 27.

Brown, Andrew C., Wilmette, Ill., assignor to Compressed Industrial Gases, Inc. Separation of oxygen from air by liquefaction. 2,360,468; Oct. 17.

Brown, Arthur B., Inglewood, Calif. Adjusting mechanism for window sashes. 2,353,217; July 11.

Brown, Arthur J., Chicago, assignor to Whiting Corporation, Harvey, Ill. Hoist. 2,343,640; Mar. 7.

Brown, Arthur J., Chicago, assignor to Whiting Corporation, Harvey, Ill. Gantry crane for servicing, loading, and unloading aircraft. 2,360,470; Oct. 17.

Brown, Arthur J., Flushing, H. E. Copen, Brooklyn, and J. Nisenson, New York, N. Y., assignors to Pak-Rak, Inc. Container. 2,357,309; Sept. 5.

Brown, Augustus C., 3rd. (See Wellman, H. C., and Brown.)

Brown, Bache H. (See Lowe, Charles B., assignor.)

Brown Bag Filling Machine Company, The. (See Goff, George H., assignor.)

Brown, Ben F., Zanesville, Ohio. Combination scale. 2,354,737; Aug. 1.

Brown, Bernard. (See McCarty, M. P., and Brown.)

Brown & Bigelow. (See Fry, Clair V., assignor.)

Brown & Bigelow. (See Reichle, Frederick J., assignor.)

Brown & Bigelow. (See Trollen, Martin E., assignor.)

Brown, Burton F., North Chicago, Ill. Supporting device. 2,338,092; Jan. 4.

Brown, Carl D., assignor to Draper Corporation, Hopedale, Mass. Thread control. 2,341,840; Feb. 15.

Brown, Carl D., assignor to Draper Corporation, Hopedale, Mass. Constant tension letoff mechanism. 2,350,954; June 6.

Brown, Carl D., Hopedale, Mass., assignor to Draper Corporation. Picker check for looms. 2,351,188; June 13.

Brown, Carl D., assignor to Draper Corporation, Hopedale, Mass. Shuttle checking means. 2,351,189; June 13.

Brown, Carl D., assignor to Draper Corporation, Hopedale, Mass. Filling cutting means. 2,352,366; June 27.

Brown, Cecil L., Baton Rouge, La., assignor, by mesne assignments, to Standard Catalytic Company. Making aviation fuel. 2,348,599; May 9.

Brown, Cecil L., Baton Rouge, La., assignor to Standard Oil Development Company. Safety fuel. 2,356,647; Aug. 22.

Brown, Cecil L., Baton Rouge, La., assignor to Standard Oil Development Company. Isomerization process. 2,361,452; Oct. 31.

Brown, Charles H. (See Forrest, W. J., and Brown.)

Brown, Charles S., Syracuse, N. Y. Two-cycle internal combustion engine. 2,346,207; Apr. 11.

Brown, Charles S., Syracuse, N. Y. Machine gun. 2,364,944; Dec. 12.

Brown, Chester W. (See Kyle, W. D., and Brown.)

Brown, Chester W., assignor to Line Material Company, Milwaukee, Wis. Flip-out device for fuses. 2,358,684; Sept. 19.

Brown, Cicero C., and J. J. Hastik, assignors to Brown Oil Tools, Inc., Houston, Tex. Pipe cutter. 2,351,187; June 13.

Brown, Clifford R., Berea, Ohio. Greenhouse. 2,350,721; June 6.

Brown, Clifford S., assignor to Hamilton Manufacturing Company, Two Rivers, Wis. Library book stack or the like. 2,346,150; Apr. 11.

Brown, Clyde A., assignor to The Dole Valve Company, Chicago, Ill. Thermostatic valve device. 2,361,004; Oct. 24.

Brown, David H., assignor, by mesne assignments, to Bendix Aviation, Ltd., North Hollywood, Calif. Actuating cylinder. 2,349,244; May 23.

Brown, David & Sons (Huddersfield) Limited. (See Welsby, S., and Burton, assignors.)

Brown, Dayton T., Manhasset, N. Y., and C. G. Layman, Red Bank, N. J., assignors to Brewster Aeronautical Corporation, Long Island City, N. Y. Aircraft. 2,352,074; June 20.

Brown, Deskin I., assignor of one-half to W. J. Steiner, Laura, Ohio. Power transmission mechanism. 2,353,807; July 18.

Brown, Dewey R. (See Brown, R. L. and D. R.)

Brown, Earl H., near Sheffield, Ala., assignor to Tennessee Valley Authority. Apparatus for measuring steam-gas ratio. 2,355,052; Aug. 8.

Brown, Earl H., and F. X. Tartaron, Hibbing, Minn., assignors to Minerals Separation North American Corporation, New York, N. Y. Concentration of oxidized iron ore. 2,364,618; Dec. 12.

Brown, Earl H., and F. X. Tartaron, Hibbing, Minn., assignors to Minerals Separation North American Corporation, New York, N. Y. Concentration of oxidized iron ores. 2,364,777; Dec. 12.

Brown, Earl H., and F. X. Tartaron, Hibbing, Minn., assignors to Minerals Separation North American Corporation, New York, N. Y. Concentration of oxidized iron ore. 2,364,779; Dec. 12.

Brown, Enoch N., Brockton, Mass., assignor to Lentheric, Incorporated, New York, N. Y. Shaving stick. 2,352,709; July 4.

Brown Fintube Company. (See Brown, John W., Jr., assignor.)

Brown Fintube Company. (See Brown, J. W., Jr., and Sessions, assignors.)

Brown, Francis V., Birmingham, England. Remote control system. 2,363,479; Nov. 28.

Brown, Fred O. C., Grand Rapids, Mich. Safety sleeve. 2,352,614; July 4.

Brown, Frederick E., Hyde, England. Machine for extruding rubber and the like. 2,343,529; Mar. 7.

Brown, Frederick L., assignor to The American Pad & Textile Company, Greenfield, Ohio. Life preserver. 2,363,639; Nov. 28.

Brown, Frederick L., assignor to The American Pad & Textile Company, Greenfield, Ohio. Life preserver. 2,363,640; Nov. 28.

Brown, George H., et al. (See Coffing, Fredrick W., assignor.)

Brown, George H., Haddonfield, N. J., assignor to Radio Corporation of America. Electrical transformer. 2,348,325; May 9.

Brown, George M., Scotia, N. Y., assignor to General Electric Company. Frequency modulation system. 2,347,458; Apr. 25.

Brown, George M., Scotia, N. Y., assignor to General Electric Company. Parasitic oscillation elimination. 2,358,212; Sept. 19.

Brown, Gerald C., and J. W. Haupt, assignors to Cardwell Manufacturing Company, Inc., Wichita, Kans. Control device. 2,339,049; Jan. 11.

Brown, Gladys R., et al. (See Coffing, Fredrick W., assignor.)

Brown, Glendon C., deceased, Wauwatosa, Wis., by J. F. Brown, Riverside, Ill., administratrix, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Controller for variable speed drives. 2,339,976; Jan. 25.

Brown, Harold M. (See George, E. D., and Brown.)

Brown, Harold A., New Haven, and C. H. Barnes, Bridgeport, Conn., assignors to Remington Arms Company, Inc. Firearm sight. 2,345,553; Apr. 4.

Brown, Harry S., Stafford County, assignor to Sylvania Industrial Corporation, Fredericksburg, Va. Closure fastener. 2,354,498; July 25.

Brown, Hart, and H. S. Ribner, Houston, Tex.; said Ribner assignor to said Brown. Well logging method and apparatus. 2,359,894; Oct. 10.

Brown, Hugh C. (See Short, L., and Brown.)

Brown, Hugh S., and S. T. Comfort, assignors to The Buda Company, Harvey, Ill. Railway crossing gate. 2,352,310; June 27.

Brown Instrument Company, The. (See Bjork, Paul E., assignor.)

Brown Instrument Company, The. (See Booth, J. G., and Gess, assignors.)

Brown Instrument Company, The. (See Caldwell, John A., assignor.)

Brown Instrument Company, The. (See Gess, Louis, assignor.)

Brown Instrument Company, The. (See Harrison, Thomas R., assignor.)

Brown Instrument Company, The. (See Jones, Harry S., assignor.)

Brown Instrument Company, The. (See Keeler, Earl A., assignor.)

Brown Instrument Company, The. (See Krogh, Anker E., assignor.)

Brown Instrument Company, The. (See Moore, Coleman B., assignor.)

Brown Instrument Company, The. (See Side, Frederick W., assignor.)

Brown Instrument Company, The. (See Smith, Edgar M., assignor.)

Brown Instrument Company, The. (See Ullman, Roy, assignor.)

Brown Instrument Company, The. (See Ullman, R., and Moore, assignors.)

Brown Instrument Company, The. (See Vollrath, Joseph P., assignor.)

Brown Instrument Company, The. (See Wagner, Frederick P. A., assignor.)

Brown Instrument Company, The. (See Whitten, James L., assignor.)

Brown Instrument Company, The. (See Wills, Walter P., assignor.)

Brown Instrument Company, The. (See Woodward, Wallace W., assignor.)

Brown Instrument Company, The. (See Woolman, Harold A., assignor.)

Brown, Ivan H., and G. S. Allin, Seattle, Wash. Load carrying scraper. 2,363,225; Nov. 21.

Brown, James E., Brookville, assignor to James L. Brown, Grove City, Pa. Filter tank assembly. 2,354,195; July 25.

Brown, James L. (See Brown, James E., assignor.)

Brown, James W., Anderson, Ind., assignor to Automatic Electric Laboratories, Inc. Timing arrangement. 2,359,967; Oct. 10.

Brown, Jean F., administratrix. (See Brown, Glendon C.)

Brown, Jesse F. (See Oakes, Arthur R., assignor.)

Brown, John A., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Synthetic abrasive material. 2,358,313; Sept. 19.

Brown, John B., assignor to Ohio State University Research Foundation, Columbus, Ohio. Making mixture of unsaturated fatty acids. 2,340,104; Jan. 25.

Brown, John H., Wakefield, Mich. Safety device. 2,355,361; Aug. 8.

Brown, John M., South Minneapolis, Minn., assignor to New Jersey Machine Corporation, Hoboken, N. J. Adhesive applying means. 2,357,577; Sept. 5.

Brown, John T., Berkeley, Calif. Collector brush clip. 2,358,958; Sept. 26.

Brown, John T. L., Short Hills, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric power conversion. 2,359,727; Oct. 3.

Brown, John W., Jr., Lakewood, assignor to Brown Fintube Co., Elyria, Ohio. Finned tube. 2,355,621; Aug. 15.

Brown, John W., Jr., Lakewood, assignor to Brown Fintube Company, Elyria, Ohio. Heat exchanger. 2,362,985; Nov. 21.

Brown, John W., Jr., and W. C. Sessions, Lakewood, assignors to Brown Fintube Company, Elyria, Ohio. Heat-exchanger tube. 2,342,117; Feb. 22.

Brown, Joseph, assignor to David Bridge & Company Limited, Castleton, Rochdale, England. Bearing for rolling mills, mixers, and calenders. 2,345,321; Mar. 28.

Brown, Joseph, assignor to David Bridge & Company Limited, Castleton, Rochdale, England. Bearings for rolling mills, mixers, and calenders. 2,355,507; Aug. 8.

Brown, Joseph H., and J. S. Watt, Stockton-on-Tees, England, assignors to Imperial Chemical Industries Limited. Manufacture of organic esters. 2,344,798; Mar. 21.

Brown, Joshua R. C., Jr., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coating suspensions and preparation. 2,346,553; Apr. 11.

Brown, Kenneth R., West Chester, Pa., assignor to Atlas Powder Company, Wilmington, Del. Solution for the preparation of rayon. 2,350,985; June 13.

Brown, Kenneth R., Kennett Square, Pa., assignor to Atlas Powder Company, Wilmington, Del. Organic parasiticidal compositions. 2,357,077; Aug. 29.

Brown, Kenneth R., Kennett Square, Pa., assignor to Atlas Powder Company, Wilmington, Del. Parasite control. 2,357,078; Aug. 29.

Brown, Kenneth R., Des Moines, Iowa, and C. E. Mosley, Overland, assignors to W. N. Matthews Corporation, St. Louis, Mo. Electrical protective device. 2,349,609; May 23.

Brown, Lemual G., Oklahoma City, Okla., assignor to J. E. Bush, Dallas, Tex. Shutter. 2,359,289; Oct. 3.

Brown, Leo H., New York, N. Y. Rear-vision device. 2,338,488; Jan. 4.

Brown, Leo H., Glenville, Conn. Stereoscopic picture and making the same. 2,361,347; Oct. 24.

Brown, Leo H., Glenville, Conn. Windshield construction. 2,362,611; Nov. 14.

Brown, Leslie A. (See Parkin, G. F., and Brown.)

Brown, Lloyd, Washington, D. C., assignor to B. J. Chromy. Display device. 2,342,118; Feb. 22.

Brown, Lowell H., Waukesha, Wis. Safety roller coupling. 2,344,673; Mar. 21.

Brown, Luther E. (See Williams, O. W., and Brown.)

Brown, Maurice H., Jr., Anaconda, Mont. Track spike. 2,356,376; Aug. 22.

Brown, Morris E. (See Gibbs, T. B., Brown, and Wickham.)

Brown, Myrl L., Harrisburg, Pa., assignor to Cambosco Scientific Company, Boston, Mass. Educational apparatus. 2,352,182; June 27.

Brown, Myron J., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Carrier current transmission system. 2,342,787; Feb. 29.

Brown, Myron J., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electronic power factor relay overload protection. 2,361,172; Oct. 24.

Brown, Nathan J., Barrington, Ill. Making waterproof tracing cloth. 2,361,082; Oct. 24.

Brown, Norman G. (See Hobday, H. L., and Brown.)

Brown, Odell T., Old Hickory, Tenn., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Winding apparatus. 2,357,079; Aug. 29.

Brown Oil Tools, Inc. (See Brown, C. C., and Hastik, assignors.)

Brown, Oliver H., Waupaca, Wis. Sight device for archery bows. 2,351,103; June 13.

Brown Paper Mill Company, The. (See McDonald, Manuel C., assignor.)

Brown, Percy, Buffalo, N. Y. Grinder guard. 2,358,959; Sept. 26.

Brown, Philip B., Parral, Mexico. Arc bit point for rock drills. 2,358,052; Sept. 12.

Brown, Ralph L., Swarthmore, Pa., and R. E. Plump, Haddonfield, N. J., assignors to The Pennsylvania Salt Manufacturing Company, Philadelphia, Pa. Making 2,2,3 trichloro- and tribromo-alkanal-1 compounds and the hydrates thereof. 2,351,000; June 13.

Brown, Ray A., and A. Anderson, Rockford, Ill. Apparatus for holding workpieces. 2,347,170; Apr. 25.

Brown, Robert, New York, assignor to Brownmil Laboratories, Inc., Brooklyn, N. Y. Soap and its manufacture. 2,354,686; July 18.

Brown, Robert A., Elizabeth, N. J. Megaphone. 2,346,818; Apr. 18.

Brown, Robert C., Jr., trustee. (See States, Marshall N., assignor.)

Brown, Robert L. and D. R., Portland, Oreg. Scaffolding bracket. 2,348,954; May 16.

Brown, Robert O., and C. G. Harrel, assignors to Pillsbury Flour Mills Company, Minneapolis, Minn. Carrying agent for spice oils and preparing same. 2,356,501; Aug. 22.

Brown, Robinson W. (See Miller, E. L., and Brown.)

Brown, Roy L. (See Marker, W. M., and Brown.)

Brown, Roy W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Windshield wiper. 2,354,440; July 25.

Brown, Roy W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Molding and vulcanizing hollow articles. 2,354,446; July 25.

Brown, Roy W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Friction device. 2,354,448; July 25.

Brown and Sharpe Manufacturing Company. (See Bennett, Arthur F., assignor.)

Brown and Sharpe Manufacturing Company. (See Curry, Langdon W., assignor.)

Brown and Sharpe Manufacturing Company. (See Gigger, Walter A., assignor.)

Brown and Sharpe Manufacturing Company. (See Nelson, Alden W., assignor.)

Brown and Sharpe Manufacturing Company. (See Rich, C. A., and Twamley, assignors.)

Brown and Sharpe Manufacturing Company. (See Tandler, W. S., and Walker, assignors.)

Brown, Stanley J., Elm Grove, assignor to Met'l-Top Tables Inc., Milwaukee, Wis. Support for garden hose. 2,347,171; Apr. 25.

Brown Steel Tank Company. (See Brown, Walter V., assignor.)

Brown, Theophilus, assignor to Deere & Company, Moline, Ill. Control device for manure spreaders and the like. 2,342,837; Feb. 29.

Brown, Theophilus, assignor to Deere & Company, Moline, Ill. Controlling mechanism for agricultural implements. 2,363,292; Nov. 21.

Brown, Theophilus, Moline, and M. J. Martens, East Moline, assignors to Deere & Company, Moline, Ill. Wheel. 2,340,105; Jan. 25.

Brown, Theophilus, and F. T. Court, assignors to Deere & Company, Moline, Ill. Power lift. 2,344,123; Mar. 14.

Brown, Thomas B., and M. L. Stansell, Dayton, Ohio. Archery bow. 2,344,799; Mar. 21.

Brown, Thomas E., Oak Park, assignor to Universal Forging Co., Inc., Chicago, Ill. Rotary forging machine. 2,342,917; Feb. 29.

Brown, Thomas F. (See Dyer, L. W., and Brown.)

Brown, Wallace M. (See Holmstrom, J. G., and Brown.)

Brown, Wallace M., assignor to Kenworth Motor Truck Corporation, Seattle, Wash. Bogie assembly with trailing axle. 2,359,299; Oct. 3.

Brown, Walter, Hermosa Beach, Calif. Method and apparatus for forming composite metal articles. 2,339,141; Jan. 11.

Brown, Walter V., assignor to Brown Steel Tank Company, Minneapolis, Minn. Safety valve for tanks. 2,349,137; May 16.

Brown, William, Wilkes-Barre, assignor to Shock Proof Lens Guard, Inc., Kingston, Pa. Adjustable and removable brace for frameless eyeglasses. 2,344,230; Mar. 14.

Brown, William B., Westmont, N. J., assignor to Allied Chemical & Dye Corporation, New York, N. Y. Removing toluene from p-toluene sulphonic acid. 2,353,441; July 11.

Brown, William B., Westmont, N. J., assignor to Allied Chemical & Dye Corporation, New York, N. Y. Sulphonation of toluene. 2,362,612; Nov. 14.

Brown, William C., Detroit, Mich. Oil burner. 2,357,454; Sept. 5.

Brown, William D., Pittsburgh, Pa., assignor to Carnegie-Illinois Steel Corporation. Analyzing steel for copper. 2,360,644; Oct. 17.

Brown, William J., West Englewood, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Vibration analyzer. 2,361,990; Nov. 7.

Brown, William R., and N. A. Graveson, assignors to Ashmore, Benson, Pease and Company Limited, Stockton-on-Tees, England. Clay gun. 2,364,513; Dec. 5.

Brown & Williamson Tobacco Corporation. (See Bond, Allen M., Jr., assignor.)

Brown, Zena, Chicago, Ill. Seatless undergarment. 2,344,674; Mar. 21.

Brownback, Henry L., Norristown, Pa. Bearing. 2,357,578; Sept. 5.

Brownback, Henry L., Norristown, Pa. Gas burners. 2,362,972; Nov. 21.

Browne, Harold B. (See Hughes, A. E., Browne, and Roderick.)

Browne, Kenneth A., Fairlawn, N. J., assignor to Wright Aeronautical Corporation. Supercharger control. 2,341,974; Feb. 15.

Browne, Kenneth A., Fairlawn, and E. F. Pierce, Paterson, N. J., assignors to Wright Aeronautical Corporation. Multisupercharger control system. 2,359,615; Oct. 3.

Browne, Thomas E., Jr. (See Langer, B. F., and Browne.)

Browne, Thomas E., Jr., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Strain measuring system. 2,361,173; Oct. 24.

Brownell, Carl R., Worcester, Mass. Layer for making wire cord. 2,342,999; Feb. 29.

Browning, J. M. & M. S., Company. (See Browning, Val A., assignor.)

Browning, Marriner A., assignor to J. M. & M. S. Browning Company, Ogden, Utah. Firearm. 2,365,389; Dec. 19.

Browning, Stanley, Cynthiana, Ky. Razor strop and sterilizer. 2,358,757; Sept. 19.

Browning, Val A., assignor to J. M. & M. S. Browning Company, Ogden, Utah. Sight for firearms. 2,341,204; Feb. 8.

Browning, Val A., assignor to J. M. & M. S. Browning Company, Ogden, Utah. Machine gun. 2,362,613; Nov. 14.

Browning, Val A., assignor to J. M. & M. S. Browning Company, Ogden, Utah. Magazine and breechblock latching means for firearms. 2,363,772; Nov. 28.

Browning, Val A., assignor to J. M. & M. S. Browning Company, Ogden, Utah. Machine gun air cooling means. 2,365,385; Dec. 19.

Brownlee, Henry H., Washington, D. C. Control of power actuated machinery. Re. 22,527; Aug. 15.

Brownlee, Kenneth H., Skokie, Ill., assignor to The Meyercord Company. Printing serial numbers. 2,343,880; Mar. 14.

Brownlee, Robert L., Chicago, Ill. Power take-off clutch. 2,344,592; Mar. 21.

Brownlee, Robert L., Chicago, Ill. Clutch drive. 2,344,593; Mar. 21.

Brownlee, Robert L., Chicago, Ill. Timber saw. 2,353,873; July 18.

Brownlee, Robert N., assignor to Wood Conversion Company, Cloquet, Minn. Forming fibrous felts. 2,363,480; Nov. 28.

Brownlow, David B., assignor to The Russell Manufacturing Company, Middletown, Conn. Testing machine. 2,352,161; June 27.

Brownmil Laboratories, Inc. (See Brown, Robert, assignor.)

Brownsey, Oscar, assignor to U. S. Slicing Machine Company, La Porte, Ind. Knife. 2,358,210; Sept. 12.

Brownstein, Henry J., assignor to Hysan Products Company, Chicago, Ill. Deodorant holder. 2,352,075; June 20.

Browse, Sidney C., Toronto, Ontario, Canada. Marking instrument. 2,365,802; Dec. 26.

Brubaker, Francis W., Portland, Ind. Air nozzle. 2,344,492; Mar. 21.

Brubaker, George P., Los Angeles, assignor to Memovox, Incorporated, Beverly Hills, Calif. Sound reproducing system. 2,348,204; May 9.

Brubaker, Merlin M. (See Bailey, E. D., Brubaker, and Teeple.)

Brubaker, Merlin M., Boothwyn, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Condensation of aldehydes with carboxylic acids and their derivatives. 2,341,016; Feb. 8.

Brubaker, Merlin M., Boothwyn, Pa., and D. D. Coffman, and F. C. McGrew, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Blended polyamides. 2,339,237; Jan. 18.

Bruce, Donald S., Somerville, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Composite brake lining. 2,355,419; Aug. 8.

Bruce, Donald S., and R. T. Halstead, Somerville, N. J., assignors to Johns-Manville Corporation, New York, N. Y. Composition and preparing same. 2,360,645; Oct. 17.

Bruce, E. L., Company. (See Partee, Watkins W., assignor.)

Bruce, E. L., Co. (See Partee, W. W., and Gray, assignors.)

Bruce, Edmond, Red Bank, and R. C. Mathes, Maplewood, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric signaling. 2,342,245; Feb. 22.

Bruce, John K., Randolph, Mass. Merchandise conveyer. 2,346,659; Apr. 18.

Bruce, John N. (See Barker, M. E., Young, and Bruce.)

Bruce, Leonard, New Castle, Ind. Casting rod. 2,344,533; Mar. 21.

Bruce, Wesley G., Dallas, Tex., dedicated to the free use of the people in the territory of the United States. Larvicide. 2,357,717; Sept. 5.

Bruce, Wesley G., Dallas, Tex; dedicated to the free use of the People in the Territory of the United States. Insecticide. 2,365,245; Dec. 19.

Bruckman, William C., Yellow Springs, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Cleaning apparatus. 2,356,818; Aug. 29.

Bruckner, Robert E., assignor to Kimble Glass Company, Vineland, N. J. Dental syringe. 2,354,649; Aug. 1.

Brueckmann, Frank G. (See Roesch, W. G., and Brueckmann.)

Brueckner, Frederick F., assignor to W. R. Wilson, Detroit, Mich. Cutting-off machine. 2,342,246; Feb. 22.

Bruegger, Zeno A., Boise, Idaho. Piston. 2,343,530; Mar. 7.

Bruen, George C., assignor, by mesne assignments, of thirty-five and five-tenths per cent to himself, thirty-five per cent to S. E. Bruen, Chicago, five per cent to E. V. Dickinson, Highland Park, nine per cent to S. M. Bullock, Wilmette, Ill., ten and five-tenths per cent to G. A. Stuart, Washington, D. C., two per cent to J. Fisher, Chicago, one per cent to M. Thoenen, Elmwood Park, one per cent to G. H. Fredericksen, Chicago, Ill. and one per cent to E. M. Thorsen, St. Joseph, Mo. Card file. 2,340,862; Feb. 8.

Bruen, Sophie E., et al. (See Bruen, George C., assignor.)

Bruening, Lee P., Butte, Mont. Container. 2,364,125; Dec. 5.

Bruestle, Carl O., assignor to Syncro Machine Company, Rahway, N. J. Cable pull-off mechanism. 2,339,761; Jan. 25.

Bruestle, Carl O., assignor to Syncro Machine Company, Rahway, N. J. Cable pull-off mechanism. 2,339,762; Jan. 25.

Bruestle, Carl O., assignor to Syncro Machine Company, Rahway, N. J. Safety mechanism for coiler blocks. 2,341,688; Feb. 15.

Brugger, Hans C., Orangeburg, N. Y. Pump. 2,356,738; Aug. 29.

Brügmann, William F., Evanston, Ill. Rack inserting mechanism. 2,343,043; Feb. 29.

Brügmann, William F., Evanston, Ill. Rack repairing mechanism. 2,343,044; Feb. 29.

Brühlmann, Gottfried. (See Thommen, H., Halm, and Brühlmann.)

Bruining, Carl, Muskegon, Mich., assignor to Anaconda Wire and Cable Company. Wire-enameling apparatus. 2,357,168; Aug. 29.

Bruker, Hobart W., assignor to G. W. Swift, Jr. Inc., Bordentown, N. J. Blank creasing and slotting machine. 2,364,342; Dec. 5.

Brumbaugh, Andrew K., Palo Alto, assignor, by mesne assignments, to Knuckey Truck Company, San Francisco, Calif. Dual drive axle. 2,347,987; May 2.

Brumbaugh, John M. (See Keck, A., and Brumbaugh.)

Brumbaugh, John M. (See Schrader, H. J., and Brumbaugh.)

Brumfield, Orlando L., Pineville, La. Plant support. 2,345,455; Mar. 28.

Brumhill, Claude W., assignor to Imperial Typewriter Co. Ltd., Leicester, England. Carbon-sheet support for typewriters. 2,344,201; Mar. 14.

Brumhill, Claude W., assignor to The Imperial Typewriter Company, Limited, Leicester, England. Platen carriage of typewriting machines. 2,360,196; Oct. 10.

Brumleu, Edward C., and W. E. Gilbert, Los Angeles, Calif.; said Gilbert assignor to Shell Development Company, San Francisco, Calif. Pressure-actuated tubing anchor. 2,350,973; June 6.

Brummer, Olin, Oak Park, assignor of one-half to J. E. Barss, Riverside, Ill. Tire lock. 2,343,366; Mar. 7.

Brun, Oscar C., Copenhagen, Denmark; vested in the Alien Property Custodian. Apparatus for measuring heat consumption. 2,361,920; June 20.

Brün, Willi. (See Burrows, L. A., and Brün.)

Brün, Willi, Bridgeport, Conn., assignor to Remington Arms Company, Inc. Ammunition primer composition. 2,341,205; Feb. 8.

Brün, Willi, Bridgeport, Conn., assignor to Remington Arms Company, Inc. Priming composition. 2,356,210; Aug. 22.

Brün, Willi, and G. M. Calhoun, Bridgeport, Conn., assignors to Remington Arms Company, Inc. Priming composition. 2,341,202; Feb. 8.

Brün, Willi, and P. H. Burdett, Bridgeport, Conn., assignors to Remington Arms Company, Inc. Ammunition priming composition. 2,350,670; June 6.

Brund, Johan A., assignor to Svenska Cellulosa Aktiebolaget, Stockholm, Sweden. Making wall plates and the like. 2,363,226; Nov. 21.

Brundage, James W., assignor, by mesne assignments, to The McNeil Machine and Engineering Company, Akron, Ohio. Vulcanizer. 2,338,280; Jan. 4.

Brundage, James W., assignor, by mesne assignments, to The McNeil Machine and Engineering Company, Akron, Ohio. Vulcanizer. 2,343,641; Mar. 7.

Brundage, James W., assignor, by mesne assignments, to The McNeil Machine and Engineering Company, Akron, Ohio. Press. 2,343,881; Mar. 14.

Brundage, James W., assignor, by mesne assignments, to The McNeil Machine and Engineering Company, Akron, Ohio. Vulcanizer. 2,355,846; Aug. 15.

Bruner, Frank H. (See Clarke, L. A., Bruner, Pevere, and Hatch.)

Bruner, Frank H., Beacon, assignor to The Texas Company, New York, N. Y. Alkylation of hydrocarbons. 2,363,116; Nov. 21.

Bruner, Frank H., Beacon, L. A. Clarke, Fishkill, and R. L. Sawyer, Beacon, assignors, by mesne assignments, to The Texas Company, New York, N. Y. Alkylation of hydrocarbons. 2,345,095; Mar. 28.

Bruner, Raymond A., Muncie, Ind., assignor to General Motors Corporation, Detroit, Mich. Box and handle therefor. 2,364,690; Dec. 12.

Bruning, Charles, Company. (See Hruby, Joseph H., assignor.)

Brunings, Karl J., assignor to Eastman Kodak Company, Rochester, N. Y. Recovery of organic compounds from photographic solutions. 2,358,053; Sept. 12.

Brunjes, Austin S., Plandome, assignor to The Lummus Company, New York, N. Y. Recovery of halogenated aromatic compounds. 2,342,838; Feb. 29.

Brunk, Harold J., Chicago, Ill., assignor to The C. F. Pease Company. Machine for making blueprints and the like. 2,364,514; Dec. 5.

Brunner, Adolf, assignor to Sulzer Frères, Société Anonyme, Winterthur, Switzerland. Hydraulically operated oscillation damper. 2,349,610; May 23.

Brunner, August H., Jr. (See Reckmeyer, V. H., and Brunner.)

Brunner, Elmer F., Silver Lake, assignor to Wingfoot Corporation, Akron, Ohio. Tire. 2,340,258; Jan. 25.

Brunner, Frank H. (See Pevere, E. F., Clarke, Hatch, and Bruner.)

Brunner, Otto, Jackson Heights, N. Y. Display device. 2,354,102; July 18.

Brunner, Reed R., Baltimore, Md., assignor to United Air Lines, Inc. Directional antenna. 2,350,337; June 6.

Bruno Patents Inc. (See Bruno, William A., assignor.)

Bruno Patents Inc. (See Sheptinsky, Julius, assignor)

Bruno, William A., Astoria, Long Island, assignor to the firm Bruno Patents, Inc., Long Island City, N. Y. Coupling means for tubular electrical conductors. 2,340,732; Feb. 1.

Bruno, William A., Astoria, Long Island, assignor to the firm Bruno Patents Inc., Long Island City, N. Y. Conxial transmission line. 2,359,350; Oct. 3.

Bruno, William A., New Hyde Park, assignor to the firm Bruno Patents Inc., Long Island City, N. Y. Connecting device. 2,359,351; Oct. 3.

Bruno, William A., New Hyde Park, assignor to the firm Bruno Patents Inc., Long Island City, N. Y. Connecting means for conductors of coaxial electrical transmission lines. 2,365,048; Dec. 12.

Bruns, William H. (See Paulson, A. W., and Bruns.)

Brunstrum, Lawrence C. (See Adams, E. W., Brunstrum, and Flint.)

Brunswick-Balke-Collender Company, The. (See Cloutier, Ellery J., assignor.)

Brunswick-Balke-Collender Company, The. (See Hedenskoog, Ernest, assignor.)

Brunswick-Balke-Collender Company, The. (See Matteson, Jesse O., assignor.)

Brunswick-Balke-Collender Company, The. (See Widdis, Emmett E., assignor.)

Brunt, John, Kenilworth, N. J. Marine vessel. 2,348,783; May 16.

Brunton, Bernard, and R. G. Booth, assignors to Selection Engineering Co. Limited, London, England. Hollow beam and column for use in buildings. 2,347,879; May 2.

Brunton, Bernard, and R. G. Booth, London, England. Panel or unit for buildings and building constructed therefrom. 2,362,187; Nov. 7.

Brunzell, Bror J., Viksjofors, Sweden. Combined punching and fixing device for saw blades in saw frames. 2,364,423; Dec. 5.

Brus, Emile P., Kansas City, Mo. Renewable fuse plug. 2,355,622; Aug. 15.

Brush Development Company, The. (See Begun, Semi J., assignor.)

Brush Development Company, The. (See James, J. H., and Miller, assignors.)

Brush Development Company, The. (See Kornel, Otto, assignor.)

Brush Development Company, The. (See Shapiro, Harry B., assignor.)

Brush Development Company, The. (See Williams, Alfred L. W., assignor.)

Brush, Frederick F. (See De Sart, A. W., and Brush.)

Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Substituted pimelic acids. 2,339,218; Jan. 11.

Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Esters of 9,9-di-β-carboxyethylfluorene. 2,339,373; Jan. 18.

Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Esters of nitrofatty acids. 2,342,119; Feb. 22.

Bruson, Herman A., Philadelphia, Pa., assignor to The Resinous Products & Chemical Company. Acetylated pimelic acids. 2,342,606; Feb. 22.

Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Aldehyde condensation products of s-benzyl thioammeline. 2,345,456; Mar. 28.

Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Preparing β-norborneol and its ether. 2,343,573; Apr. 4.

Bruson, Herman A., Philadelphia, Pa., assignor to The Resinous Products & Chemical Company. Esters of bis-(2-carboxyethyl)ether. 2,347,627; Apr. 25.

Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Unsaturated polynitriles and making same. 2,352,515; June 27.

Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Di-(dihydronordicyclopentadienyl)-ether. 2,358,314; Sept. 19.

Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Aliphatic polyether polyamides. 2,359,708; Oct. 3.

Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Cyanoethylated nitro compounds and preparing same. 2,361,250; Oct. 24.

Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Indenyl isophorone. 2,364,056; Dec. 5.

Bruson, Herman A., assignor to Röhm & Haas Company, Philadelphia, Pa. Poly-β-cyanoethyl indene as an insecticide. 2,365,936; Dec. 26.

Bruson, Herman A., and T. W. Riener, assignors to The Resinous Products & Chemical Company, Philadelphia, Pa. Aldehydo-carboxylic acids. 2,342,607; Feb. 22.

Bruson, Herman A., and T. W. Riener, assignors to The Resinous Products & Chemical Company, Philadelphia, Pa. β-cyanoethylated aryl ω -methyl sulphonamides. 2,349,405; May 23.

Bruson, Herman A., and T. W. Riener, assignors to The Resinous Products & Chemical Company, Philadelphia, Pa. Oximino ethers. 2,352,514; June 27.

Bruson, Herman A., and T. W. Riener, assignors to The Resinous Products & Chemical Company, Philadelphia, Pa. Oximino ether. 2,352,516; June 27.

Bruson, Herman A., and T. W. Riener, assignors to The Resinous Products & Chemical Company, Philadelphia, Pa. Cyanoaldehydes and producing them. 2,353,687; July 18.

Brussell, Jacob, New York, N. Y. Device for holding shank buttons. 2,360,471; Oct. 17.

Brussell, Jacob, New York, N. Y. Adjustable precision tap. 2,360,472; Oct. 17.

Brusset, Jean A., Blairmore, Alberta, Canada. Apparatus for classifying and separating particles of materials of different specific gravities. 2,353,543; July 11.

Brusset, Jean A., Blairmore, Alberta, Canada. Classifying process and apparatus. 2,356,648; Aug. 22.

Bruun, Svend W., Palisades Park, N. J., and E. Rambusch, Brooklyn, assignors to Rambusch Decorating Company, New York, N. Y. Ventilator. 360,104; Oct. 10.

Bryant, Austin U., Berkeley, Calif., assignor to Fluid Control Engineering Co. Fluid flow control device. 2,353,143; July 11.

Bryant, Austin U., Berkeley, Calif., assignor, by mesne assignments, to H. W. Holt and W. Sieverts, Quincy, Mass. Life raft release device. 2,360,848; Oct. 24.

Bryant, Austin U., Berkeley, Calif., assignor to Fluid Control Engineering Co. Fluid flow controller. 2,365,172; Dec. 19.

Bryant, Carleton E., Jr. (See Patten, C. M., and Bryant, Jr.)

Bryant, Charles O., Batesville, Ark. Repairing an air bag. 2,338,620; Jan. 4.

Bryant Chucking Grinder Company. (See Arms, Merton H., assignor.)

Bryant Chucking Grinder Company. (See Moore, Willis F., assignor.)

Bryant, Corwin W., Downers Grove, assignor to Crane Co., Chicago, Ill. Motor operated toggle valve. 2,344,594; Mar. 21.

Bryant, Corwin W., Downers Grove, assignor to Crane Co., Chicago, Ill. Automatic handwheel clutch. 2,350,955; June 6.

Bryant, Corwin W., Downers Grove, assignor to Crane Co., Chicago, Ill. Fluid motor bypass valve. 2,362,349; Nov. 7.

Bryant, Cuno, Multnomah County, Oreg. Film developing holder for motion picture films. 2,344,493; Mar. 21.

Bryant, Donald D., Huntington, W. Va. Buffer assembly. 2,364,945; Dec. 12.

Bryant, Edwin F., Corona, assignor to California Fruit Growers Exchange, Los Angeles, Calif. Preparation of pectic acid. 2,349,139; May 16.

Bryant Electric Company, The. (See Beal, James F., assignor.)

Bryant Electric Company, The. (See Hodgkins, Charles H., assignor.)

Bryant Electric Company, The. (See Smith, R. M., and Steegstra, assignors.)

Bryant, Frank D., Wethersfield, Conn., assignor to General Electric Company. Lamp base and socket. 2,338,825; Jan. 11.

Bryant, Frank D., Syracuse, N. Y., assignor to General Electric Company. Operating system for discharge lamps. 2,352,936; July 4.

Bryant, Frederick J., Auburn, Maine. Orthographic projection stand. 2,358,054; Sept. 12.

Bryant Heater Company, The. (See Converse, Julius, assignor.)

Bryant Heater Company, The. (See Higley, Frank R., assignor.)

Bryant Heater Company, The. (See Higley, F. R., and Beam, assignors.)

Bryant Heater Company, The. (See Higley, F. R., and Converse, assignors.)

Bryant Heater Company, The. (See Higley, F. R., and Ryden, assignors.)

Bryant, James R., Oshawa, Ontario, Canada. Combined ground working and soil pulverizing machine. 2,343,396; Mar. 7.

Bryant, Nelson H. (See Gustin, D. S., and Bryant.)

Bryce, Allan E., Providence, R. I. Fastener. 2,364,266; Dec. 5.

Bryce, James W., Glen Ridge, N. J., assignor to International Business Machines Corporation, New York, N. Y. Photographic recorder for accounting machines. 2,343,397; Mar. 7.

Bryce, James W., Glen Ridge, N. J., assignor to International Business Machines Corporation, New York, N. Y. Record controlled interpreting machine. 2,343,398; Mar. 7.

Bryce, James W., Glen Ridge, N. J., assignor to International Business Machines Corporation, New York, N. Y. Multiplying mechanism for checking dividing computations. 2,343,399; Mar. 7.

Bryce, James W., Glen Ridge, N. J., assignor to International Business Machines Corporation, New York, N. Y. Compound denominate number calculating machine. 2,346,249; Apr. 11.

Bryce, James W., Glen Ridge, N. J., assignor to International Business Machines Corporation, New York, N. Y. Accounting machine. 2,346,250; Apr. 11.

Bryce, James W., Glen Ridge, N. J., assignor to International Business Machines Corporation, New York, N. Y. Recording device. 2,346,251; Apr. 11.

Bryce, James W., Glen Ridge, N. J., assignor to International Business Machines Corporation, New York, N. Y. Photographic recording machines. 2,355,268; Aug. 8.

Bryce, James W., Glen Ridge, N. J., assignor to International Business Machines Corporation, New York, N. Y. Accounting machine. 2,357,455; Sept. 5.

Bryce, James W., Glen Ridge, N. J., assignor to International Business Machines Corporation, New York, N. Y. Sheet feeding device. 2,357,456; Sept. 5.

Bryce, James W., Glen Ridge, N. J., assignor to International Business Machines Corporation, New York, N. Y. Accounting machine. 2,359,616; Oct. 3.

Bryce, James W., Glen Ridge, N. J., assignor to International Business Machines Corporation, New York, N. Y. Magnetic recording apparatus. 2,359,617; Oct. 3.

Bryce, James W., Glen Ridge, N. J., assignor to International Business Machines Corporation, New York, N. Y. Photographic recording apparatus. 2,364,188; Dec. 5.

Bryce, Robert S., assignor to Eastman Kodak Company, Rochester, N. Y. Sizing paper. 2,354,662; Aug. 1.

Bryner, Fred. (See Perkins, R. P., and Bryner.)

Bryson, Boyd, assignor to Bryson Manufacturing Co., Inc., Clifton, N. J. Sewing machine. 2,364,515; Dec. 5.

Bryson Manufacturing Co. (See Bryson, Boyd, assignor.)

Bryson, Tandy A., Troy, N. Y. Vorte- separator. 2,346,005; Apr. 4.

Bryson, Tandy A., Troy, assignor to American Machine and Metals, Inc., New York, N. Y. Electric control for fluid operated machines. 2,341,689; Feb. 15.

Bubb, Frank W., Webster Groves, assignor to Mississippi Valley Research Laboratories, Inc., St. Louis, Mo. Photoelastic instrument. 2,341,422; Feb. 8.

Buchal, Werner, and H. E. Veit, Parkville, assignors to The Glenn L. Martin Company, Middle River, Md. Bomb release mechanism. 2,365,049; Dec. 12.

Buchanan, Archie N. (See Richey, J. A., and Buchanan.)

Buchanan, Ben F., Leonia, N. J., and R. C. Drury, Skokie, Ill., assignors to American Maize-Products Company. Salad dressing. 2,338,083; Jan. 4.

Buchanan, Ben F., Leonia, N. J., and R. L. Lloyd, Laurelton, N. Y., assignors to American Maize-Products Company. Partially gelatinized starch and protein mixture. 2,346,322; Mar. 28.

Buchanan, Betty J., Oak Park, Ill. Doll and making same. 2,340,172; Jan. 25.

Buchanan, George T., Chicago, Ill. Coagulant composition. 2,348,165; May 2.

Buchanan, J. D., Burbank, Calif. Metalworking apparatus. 2,353,874; July 18.

Buchanan, J. D., and P. W. Adler, Burbank, Calif. Vibration testing device. 2,348,189; May 9.

Buchanan, Leslie B. M., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Door latch mechanism. 2,348,955; May 16.

Buchanan, Michael K., Norfolk, Va. Flexible grid ice tray. 2,351,742; June 20.

Buchanan, Myron W., Short Hills, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Centrifugal fan. 2,361,007; Oct. 24.

Bucher, Joseph. (See Thompson, A. R., and Bucher.)

Bucher, Thomas T. N., Narberth, assignor to Proctor & Schwartz, Inc., Philadelphia, Pa. Toaster. 2,356,649; Aug. 22.

Buchet, Conrad R., assignor of one-third to D. M. Dowding and one-third to J. C. Tyler, Los Angeles, Calif. Vacuum operated counterbalance. 2,351,397; June 13.

Buchet, Conrad R., assignor of one-third to D. M. Dowding and one-third to J. C. Tyler, Los Angeles, Calif. Hydrovacuumatic balance. 2,351,398; June 13.

Buchhart, Josef, Stuttgart-Zuffenhausen, Germany; vested in the Alien Property Custodian. Automatic transmission. 2,349,987; May 30.

Buchholz, Herbert, Berlin, Germany, assignor to General Electric Company. Directive radiator. 2,343,531; Mar. 7.

Büchi, Alfred, Winterthur, Switzerland. Cooling device for turbine rotors. 2,364,189; Dec. 5.

Buchignani, Edward R., Memphis, Tenn. Match pack holder. 2,346,600; May 9.

Bucht, Maurice N., Wakefield, Mass. Paperhanger's table and straightedge. 2,339,909; Jan. 25.

Buck, Clarence M., assignor to Hayes Industries, Inc., Jackson, Mich. Apparatus for making mufflers. 2,362,350; Nov. 7.

Buck, Rueben. (See Walker, E. C., and Buck.)

Buck, Johannes S. (See Baltzly, R., de Beer, and Buck.)

Buck, Johannes S. (See Lang, E. R., and Buck.)

Buck, Johannes S., Albany, and L. Reiner, Mount Vernon, assignors to Burroughs Wellcome & Co. (U. S. A.) Inc., New York, N. Y. Esters of substituted tertiary phenolic amines. 2,359,709; Oct. 3.

Buckendale, Lawrence R., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Suspension for multiwheel vehicles. 2,351,001; June 13.

Buckeye Traction Ditcher Company, The. (See Hollmann, H., and Van Voorhis, assignors.)

Buckeye Traction Ditcher Company, The. See Kuch, M. G., Petersen, Hartwig, and Livingston, assignors.)

Buckeye Traction Ditcher Company, The. (See Magee, Robert B., assignor.)

Buckeye Traction Ditcher Company, The. (See Van Voorhis, William G., assignor.)

Buckingham, Francis, Franklinville, N. J., assignor to The Baldwin Locomotive Works. Fatigue testing machine. 2,350,722; June 6.

Buckle, George C. (See May, Jean L., assignor.)

Bucklen, Herbert E., Jr., Elkhart, Ind. Relay. 2,339,676; Jan. 18.

Bucklen, Herbert E., Elkhart, Ind. Relay. 2,342,527; Feb. 22.

Bucklen, Herbert E., Jr., Elkhart, Ind., and J. Klotz, Chicago, Ill.; said Klotz assignor to said Bucklen. Switch. 2,339,675; Jan. 18.

Buckles, William, South Bend, Ind. Scaffold. 2,360,105; Oct. 10.

Buckley, Arthur B., Carshalton, England. Valve tappet. 2,339,238; Jan. 18.

Buckley, Arthur H., Chicago, Ill. Automatic control mechanism for motorized typewriters. 2,346,819; Apr. 18.

Buckley, James W., Weatherford, Tex. Bale band buckle. 2,361,991; Nov. 7.

Buckley, Milford A., assignor to Carley Heater Company, Inc., Olean, N. Y. Scrubbing or cleaning machine. 2,343,532; Mar. 7.

Buckley Music System, Inc. (See Henry, Earle G., assignor.)

Buckley, Stuart E., Houston, Tex., assignor to Standard Oil Development Company. Apparatus for producing oil wells which make water. 2,341,859; Feb. 8.

Buckley, Stuart E., and G. G. Wrightsman, Houston, Tex., assignors to Standard Oil Development Company. Selectively plugging water sands. 2,338,799; Jan. 11.

Buckmann, Ronnid S., Kimberley, British Columbia, assignor to The Consolidated Mining and Smelting Company of Canada, Limited, Montreal, Quebec, Canada. Concentrator. 2,361,927; Nov. 7.

Buckmaster, James L., Arlington, Va. Optical transfer instrument. 2,342,640; Feb. 29.

Buckmaster, James L., Arlington, Va. Transfer method and instrument. 2,352,615; July 4.

Bucknam, James H., Cranford, N. J., assignor to Union Carbide and Carbon Corporation. Deseaming and desurfacing apparatus. 2,349,902; May 30.

Bucknam, James H., Cranford, N. J., assignor to The Linde Air Products Company. Blowpipe apparatus. 2,362,535; Nov. 14.

Bucknam, James H., Cranford, N. J., assignor to The Linde Air Products Company. Apparatus for conditioning the surfaces of metal bodies. 2,362,536; Nov. 14.

Bucknam, James H., and A. J. Miller, Cranford, and S. H. Royer, Elizabeth, N. J., assignors to The Linde Air Products Company. Method of and apparatus for strip welding. 2,344,534; Mar. 21.

Bucknam, James H., Cranford, and W. B. M. Clark, Plainfield, N. J., assignors to The Linde Air Products Company. Welding. 2,359,352; Oct. 3.

Buckner Manufacturing Company. (See Buckner, William A., assignor.)

Buckner, William A., assignor to Buckner Manufacturing Company, Fresno, Calif. Sprinkler. 2,345,030; Mar. 28.

Buckstaff, John D., Oshkosh, Wis. Stool. 2,364,510; Dec. 5.

Buckwalter, Tracy V., Massillon, assignor to The Timken Roller Bearing Company, Canton, Ohio. Car truck. 2,352,162; June 27.

Buckwalter, Tracy V., assignor to The Timken Roller Bearing Company, Canton, Ohio. Car truck. 2,352,163; June 27.

Bucyrus-Erie Company. (See Bager, William M., assignor.)

Bucyrus Erie Company. (See Davidson, Trevor O., assignor.)

Bucyrus Erie Company. (See Mork, George W., assignor.)

Bucyrus-Erie Company. (See Paulsen, Thomas R., assignor.)

Bucyrus-Erie Company. (See Thornberg, Herbert W., assignor.)

Buczkowski, Edward J., and S. J. Ostrowski, assignors to Keasbey & Mattison Company, Ambler, Pa. Roofing and shingle therefor. 2,340,038; Jan. 25.

Buda Company, The. (See Brown, H. S., and Comfort, assignors.)

Budd, Baylis F., Houston, Tex. Electrode holder. 2,347,880; May 2.

Budd, Edward G., Manufacturing Company. (See Buehrig, Gordon M., assignor.)

Budd, Edward G., Manufacturing Company. (See Calhoun, John J., assignor.)

Budd, Edward G., Manufacturing Company. (See Dean, Albert G., assignor.)

Budd, Edward G., Manufacturing Company. (See Eksergian, Rupen, assignor.)

Budd, Edward G., Manufacturing Company. (See Labaree, B., and Knipe, assignors.)

Budd, Edward G., Manufacturing Company, The. (See Ledwinka, J., and Kelly, assignors.)

Budd, Edward G., Manufacturing Company. (See Ledwinka, J., Trautvetter, and Kelly.)

Budd, Edward G., Manufacturing Company. (See Lindsay, Alexander R., assignor.)

Budd, Edward G., Manufacturing Company. (See Mungen, Theodore, assignor.)

Budd, Edward G., Manufacturing Company. (See Pancoe, George W., assignor.)

Budd, Edward G., Manufacturing Company. (See Patton, John W., assignor.)

Budd, Edward G., Manufacturing Company. (See Schäfer, Kurt, assignor.)

Budd, Edward G., Manufacturing Company. (See Theriault, Raymond J., assignor.)

Budd, Edward G., Manufacturing Company. (See Trautvetter, George, assignor.)

Budd, Edward G., Manufacturing Company. (See Watter, Michael, assignor.)

Budd, Edward G., Manufacturing Company. (See Watter, M., and Biehl, assignors.)

Budd, Edward G., Manufacturing Co. (See Watter, M., and Scammell, assignors.)

Budd, Edward G., Mfg. Company. (See Weightman, William A., assignor.)

Budd, Edward G., Manufacturing Co. (See Whitesell, John C., Jr., assignor.)

Budd Induction Heating, Inc. (See Somes, Howard E., assignor.)

Budd Induction Heating, Inc. (See Somes, H. E., and True, assignors.)

Budd Induction Heating, Inc. (See Tarbox, John P., assignor.)

Budd, Roy S., Slater Mo. Valve. 2,357,169; Aug. 29.

Budd Wheel Company. (See Eksergian, Carolus L., assignor.)

Budd Wheel Company. (See Eksergian, C. L., and Gaenssle, assignors.)

Budd Wheel Company. (See Farr, Warren H., assignor.)

Budd Wheel Company. (See Law, Hugh, assignor.)

Budd Wheel Company. (See Ledwinka, Joseph, assignor.)

Budd Wheel Company. (See Somes, Howard E., assignor.)

Budd Wheel Company. (See Strickland, Harold A., Jr., assignor.)

Budd, Wilbert H. (See Schellenger, N. C., and Budd.)

Buddrus, Edward, and H. L. Hays, Bartlesville, Okla., assignors to Phillips Petroleum Company. Treatment of hydrocarbons. 2,361,008; Oct. 24.

Budlong, Simeon, assignor to F. J. Littell Machine Company, Chicago, Ill. Cutting apparatus. 2,339,456; Jan. 18.

Budzyna, Walter J., East Douglas, assignor to Draper Corporation, Hopedale, Mass. Checking picker sticks. 2,363,458; Nov. 21.

Budzyna, Walter J., East Douglas, assignor to Draper Corporation, Hopedale, Mass. Picker stick checking mechanism. 2,363,459; Nov. 21.

Buehl, Russell C., Wilkinsburg, assignor to Plastic Metals, Inc., Johnstown, Pa. Rotary kiln. 2,363,390; Nov. 21.

Buehler, Robert O., assignor to Victor Adding Machine Co., Chicago, Ill. Printing mechanism. 2,361,260; Oct. 24.

Buehler, Walter A., Cucamonga, Calif. Apparatus for manufacturing tanks and the like. 2,354,794; Aug. 1.

Buehrig, Gordon M., Auburn, Ind., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Modeling table. 2,341,176; Feb. 8.

Buell, Charles K., Bartlesville, Okla., and C. M. Cooper, Cincinnati, Ohio, assignors to Phillips Petroleum Company. Furfural purification method. 2,350,584; June 6.

Buensod-Stacey, Incorporated. (See Smith, Milton S., assignor.)

Buensod-Stacey, Incorporated. (See Waterfill, Robert W., assignor.)

Buerger, Martin J., Arlington, Mass., assignor to Arthur D. Little, Inc. Articles of non-metallic mineral compounds and producing same. 2,362,430; Nov. 7.

Buettner, Adam. (See Michael, W., and Buettner.)

Buffalo Brake Beam Company. (See Busch, Charles R., assignor.)

Buffalo Electro-Chemical Company. (See Hyatt, Harlow G., assignor.)

Buffalo Electro-Chemical Company. (See Kauffmann, Hans O., assignor.)

Buffalo Electro-Chemical Company. (See Kauffmann, H. O., and Shanley, assignors.)

Buffalo Forge Company. (See Madison, Richard D., assignor.)

Buffalo Forge Company. (See Tucker, William C., assignor.)

Buffalo Foundry & Machine Co. (See Harcourt, G. N., and Lavett, assignors.)

Buffalo Foundry & Machine Co. (See Kermer, Martin J., assignor.)

Buffalo-Springfield Roller Co., The. (See Greiner, Carl F., assignor.)

Buford, William J., assignor of ten per cent to L. H. Williams, Houston, Tex. Ball cock valve. 2,341,855; Feb. 15.

Bufton, Lee M., Union Grove, Wis. Feeder. 2,365,862; Dec. 26.

Bugg, Kenly C., Fort Wayne, Ind. Tool. 2,359,402; Oct. 3.

Bugg, Kenly C., Fort Wayne, Ind., assignor to Neptune Meter Company. Clutch mechanism. 2,347,243; Apr. 25.

Buhler, Carl, Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. 2,348,784; May 16.

Bühler, Gebrüder. (See Messerli, Alexander, assignor.)

Buhler, Henry W., Gloucester, Mass. Joint packing. 2,360,104; Oct. 10.

Buhr, August G. (See Charley, W. G., and Buhr.)

Buice, Albert A., Atlanta, Ga. Chain wrench. 2,353,642; July 18.

Builder-Thompson Engineering & Research Corporation. (See Thompson, Tom H., assignor.)

Builders Iron Foundry. (See Miner, Irving O., assignor.)

Builders Safety Products, Inc. (See Walstrom, Emil A., assignor.)

Bujdossy, Yiona, Los Angeles, Calif. Brassière. 2,352,367; June 27.

Bukolt, Edmund V., executor. (See Bukolt, Roman B.)

Bukolt, Roman B., deceased, by E. V. Bukolt, executor, Stevens Point, Wis. Bed. 2,346,289; Apr. 11.

Bukowsky, Harry E., Port Townsend, Wash., assignor to Crown Zellerbach Corporation, San Francisco, Calif. Load-positioning means. 2,352,885; July 4.

Bulbulian, Arthur H. (See Boothby, W. M., and Bulbulian.)

Bulbulian, Arthur H., Rochester, Minn. High altitude aviation mask. 2,348,108; May 2.

Bulbulian, Arthur H., Rochester, Minn. Head harness for masks. 2,353,643; July 18.

Bulgin, Douglas, Erdington, Birmingham, England, assignor to Dunlop Tire and Rubber Corporation, Buffalo, N. Y. Fire resistant electrically conductive rubber article. 2,341,360; Feb. 8.

Bulin, Martin. (See Scarzello, L., Nowatius, and Bulin.)

Bulkley, Ronald. (See Beard, L. C., Jr., and Bulkley.)

Bull, Kenneth D., Oak Tree, N. J., assignor to Mack Manufacturing Corporation, Long Island City, N. Y. Preselecting mechanism. 2,345,726; Apr. 4.

Bullard Company, The. (See Bullard, Edward P., III, assignor.)

Bullard Company, The. (See Bullard, E. P., III, Alvey, and Lange, assignors.)

Bullard Company, The. (See Bullard, E. P., III, Alvey, and Mussler, assignors.)

Bullard Company, The. (See Bullard, E. P., III, Cowell, and Mussler, assignors.)

Bullard Company, The. (See Bullard, E. P., III, Mussler, Lange, Cowell, and Alvey, assignors.)

Bullard, E. D., Company. (See Ludwell, Frederick R., assignor.)

Bullard, Edward P., III, Fairfield, Conn., assignor to The Bullard Company. Control mechanism. 2,352,183; June 27.

Bullard, Edward P., III, Fairfield, Conn., assignor to The Bullard Company. Control mechanism. 2,352,184; June 27.

Bullard, Edward P., III, Fairfield, Conn., assignor to The Bullard Company. Transmission. 2,355,623; Aug. 15.

Bullard, Edward P., III, Fairfield, Conn., assignor to The Bullard Company. Hydraulic machine tool. 2,356,028; Aug. 15.

Bullard, Edward P. III, Fairfield, L. E. Alvey, and P. H. Lange, Bridgeport, Conn., assignors to The Bullard Company. Feed control for machine tools. 2,346,660; Apr. 18.

Bullard, Edward P., III, Fairfield, L. E. Alvey, Bridgeport, and F. H. Mussler, Stratford, Conn., assignors to The Bullard Company. Machine tool. 2,351,921; June 20.

Bullard, Edward P., III, Fairfield, L. E. Alvey, Bridgeport, and F. H. Mussler, Stratford, Conn., assignors to The Bullard Company. Machine tool. 2,352,185; June 27.

Bullard, Edward P., III, Fairfield, and E. N. Cowell and F. H. Mussler, Stratford, Conn., assignors to The Bullard Company. Transmission. 2,355,624; Aug. 15.

Bullard, Edward P., III, Fairfield, F. H. Mussler, Stratford, P. H. Lange, Bridgeport, E. N. Cowell, Stratford, and L. E. Alvey, Bridgeport, Conn., assignors to The Bullard Company. Machine tool. 2,355,625; Aug. 15.

Bullard, Edward P., III, Fairfield, and E. N. Cowell and F. H. Mussler, Stratford, Conn., assignors to The Bullard Company. Transmission. 2,355,626; Aug. 15.

Bullard, Harold C., Cambridge, Mass. Built-in ironing board. 2,358,906; Sept. 26.

Bulldog Electric Products Company. (See Fisher, Lawrence E., assignor.)

Bulldog Electric Products Company. (See Frank, William H., assignor.)

Bulldog Electric Products Company. (See Frank, W. H., and Fisher, assignors.)

Bulldog Electric Products Company. (See Frank, W. H., Fisher, and Frank, assignors.)

Bulldog Electric Products Company. (See Frank, W. H., and Platz, assignors.)

Bulldog Electric Products Company. (See Frank, W. H., and Robertson, assignors.)

Bulldog Electric Products Company. (See Platz, Elwood T., assignor.)

Bulldog Electric Products Company. (See Togesen, Alva A., assignor.)

Bulier, Francis H., Schenectady, N. Y., S. Zyek, East Lansdowne, Pa., and A. R. Lee, Schenectady, N. Y., assignors to General Electric Company. Wiring scheme for oil-filled relay systems. 2,358,621; Sept. 19.

Bullinger, Conrad, Riverside, assignor to A. Stein & Company, Chicago, Ill. Undergarment. 2,348,242; May 9.

Bullinger, Conrad, Riverside, Ill., assignor to A. Stein & Company. Foundation garment anchor. 2,359,463; Oct. 3.

Bullington, Robert K., Forest Hills, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Negative resistance loading. 2,360,932; Oct. 24.

Bullock, Earle C., assignor to Metal Office Furniture Company, Grand Rapids, Mich. Drawer construction. 2,356,650; Aug. 22.

Bullock, Ellis W., Birmingham, Ala., assignor to Fly Ash Arrestor Corporation. Fly ash collector. 2,348,785; May 16.

Bullock, Giles E., Rochester, N. Y. Knapsack fire extinguished and sprayer. 2,343,400; Mar. 7.

Bullock, Giles E., Rochester, N. Y. Liquid pump. 2,348,190; May 9.

Bullock, Laurie H. (See Replogle, Daniel B.)

Bullock, Laurie H., et al, executors. (See Replogle, Daniel B.)

Bullock, Sarah M., et al. (See Bruen, George C., assignor.)

Bullowa, Richard J., assignor to The Gear Grinding Company Limited, Shirley, near Birmingham, England. Trimming mechanism for grinding wheels. 2,345,323; Mar. 28.

Bulmer, William C., Aspinwall, assignor to Reliance Steel Products Company, McKeesport, Pa. Furnace door. 2,355,142; Aug. 8.

Bulova Watch Company. (See Lasieur, Eugene J., assignor.)

Bundy Incubator Company, The. (See Taggart, Joseph I., assignor.)

Bundy Tubing Company. (See Katz, Albert, assignor.)

Bunker, Herbert H., Jersey City, N. J. Floor structure. 2,360,933; Oct. 24.

Bunker, Herbert H., assignor to Kerlow Steel Flooring Company, Jersey City, N. J. Grating. 2,356,502; Aug. 22.

Bunn, B. H., Company. (See Bunn, Benjamin H., assignor.)

Bunn, Benjamin H., assignor to B. H. Bunn Company, Chicago, Ill. Machine tying of hams and the like. 2,358,685; Sept. 19.

Bunn, Benjamin H., assignor to B. H. Bunn Company, Chicago, Ill. Tying machine. 2,361,742; Oct. 31.

Bunn, Benjamin H., assignor to B. H. Bunn Company, Chicago, Ill. Tying machine. 2,363,391; Nov. 21.

Bunting, Albert L., assignor to Union Research Corporation, Detroit, Mich. Color photography. 2,341,079; Feb. 8.

Buono, Mario, Brooklyn, assignor to U. S. Blind Stitch Machine Corporation, New York, N. Y. Blind-stitch sewing machine. 2,355,904; Aug. 15.

Buquor, Adolph P., Washington, D. C. Clamping device. 2,363,392; Nov. 21.

Burau, William E. (See Ferris, L. F., Sklaar, and Burau.)

Burbridge, John. (See Jensen, William, assignor.)

Burby, Philip E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Lasting machine. 2,354,663; Aug. 1.

Burby, Philip E., Beverly, assignor to United Shoe Machinery Corporation, Boston, Mass. Lasting machine. 2,364,057; Dec. 5.

Burch, Charles J. (See Barnes, M. H., Burch, and Edwards.)

Burch, Charles J., Brazil, Ind. Tobacco pipe. 2,364,424; Dec. 5.

Burch, Charles J., Kenmore, N. Y., assignor to Union Carbide and Carbon Corporation. Method of and apparatus for welding. 2,360,934; Oct. 24.

Burch, Frederick R., Seattle, Wash. Fishing tool. 2,345,727; Apr. 4.

Burch, Lyndon W. (See Parkhurst, M. K., and Burch.)

Burch, Lyndon W., Pelham, N. Y., assignor to The Wilcolator Company, Newark, N. J. Control system for ovens. 2,361,530; Oct. 31.

Burch, Thomas H., Dayton, Ohio. Adjustable circumference acriber. 2,347,659; May 2.

Burchell, Efford, Port Chester, assignor to Burchell-Holloway Corporation, New York, N. Y. Apparatus for making designs. 2,357,310; Sept. 5.

Burchell-Holloway Corporation. (See Burchell, Efford, assignor.)

Burchenal, Wm., et al. (See Peck, Robert E., assignor.)

Burckhardt, Alfred, assignor to Pitney-Bowes Postage Meter Co., Stamford, Conn. Letter stripping means. 2,339,835; Jan. 25.

Burd, Martin M. (See Burd, Samuel I. and M. M.)

Burd Piston Ring Company. (See Rives, George A., assignor.)

Burd, Samuel I. and M. M., Melrose Park, Pa. Display device. 2,362,800; Nov. 14.

Burd, Willard K. (See Heitzman, George, assignor.)

Burdett, Horace H., Milford, assignor to Draper Corporation, Hopedale, Mass. Filling carrier transferring mechanism. 2,350,308; May 30.

Burdett, Philip H. (See Brün, W., and Burdett.)

Burdett, Philip H., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Material blending. 2,345,554; Apr. 4.

Burdett, Philip H., Bridgeport, and G. M. Calhoun, Fairfield, Conn., assignors to Remington Arms Company, Inc. Ammunition priming composition. 2,345,868; Apr. 4.

Burdett, Philip H., Bridgeport, and G. M. Calhoun, Fairfield, Conn., assignors to Remington Arms Company, Inc. Ammunition priming composition. 2,356,211; Aug. 22.

Burdett, Philip H., Bridgeport, W. S. Reynolds, Stratford, and J. R. Turner, Milford, assignors to Remington Arms Company, Inc., Bridgeport, Conn. Measuring device. 2,356,212; Aug. 22.

Burdick-Baron Company. (See Wirtz, Fred, assignor.)

Burdick, Harry J., McCombs, Anaheim, Calif. Valve. 2,350,985; June 13.

Burdick, John S., North Muskegon, assignor to The Shaw-Walker Company, Muskegon, Mich. Back assembly for composite metal and wood chairs. 2,343,494; Mar. 7.

Burdick, John S., North Muskegon, assignor to The Shaw-Walker Company, Muskegon, Mich. Leg assembly for composite metal and wood furniture. 2,345,178; Mar. 28.

Burdick, Richard, et al. (See Pollard, John H., assignor.)

Burdick, Robert H., Chelmsford, England, assignor to Radio Corporation of America. Electric power control circuit. 2,340,791; Feb. 1.

Burdick, Sherman M. (See Fairbairn, W. M., and Burdick.)

Burdick, Will S. (See Jacobs, H. S., and Burdick.)

Burdick, Will S., West Allis, and H. S. Jacobs, assignors to Harnischfeger Corporation, Milwaukee, Wis. Crane drive system. 2,357,517; Sept. 5.

Burdick, William E. (See Gilchrist, T. R., and Burdick.)

Burg, Homer L., Dallas City, Ill. Molding sand milling machine. 2,345,457; Mar. 28.

Burge, Clyde B. (See Burge, Keith W. and C. B.)

Burge, Keith W. and C. B., Gary, Ind. Carrying device. 2,339,598; Jan. 18.

Burgeni, Alfred, East Orange, and R. L. Keown, Belleville, assignors to The Clark Thread Company, Newark, N. J. Mechanism for waxing thread. 2,344,079; Mar. 14.

Burger, Dallas O. (See Battley, J. F., Burger, and Monro.)

Burger, Frank, Flushing, N. Y. Shoeshine outfit. 2,356,029; Aug. 15.

Burger, Frank A. (See Hobson, J. H., and Burger.)

Burgess Battery Company. (See Lawson, Herbert E., assignor.)

Burgess Battery Company. (See MacFarland, Allison M., assignor.)

Burgess Battery Company. (See Nelson, G. H., and MacFarland, assignors.)

Burgess, Charles O., Niagara Falls, N. Y., assignor to Electro Metallurgical Company. Improving abrasion resistance of alloys. 2,353,688; July 18.

Burgess, Everett H. (See Lehane, T. J., and Burgess.)

Burgess, Everett H. (See Van Vulpen, J., and Burgess.)

Burgess, Frank E., assignor to Burgess-Norton Manufacturing Company, Geneva, Ill. Tread unit for endless tracks. 2,350,444; June 6.

Burgess, Frank E., assignor to Burgess-Norton Manufacturing Company, Geneva, Ill. Endless track construction. 2,350,445; June 6.

Burgess, Frank E., assignor to Burgess-Norton Manufacturing Company, Geneva, Ill. Endless track tread. 2,353,124; July 11.

Burgess, Frank E., assignor to Burgess-Norton Manufacturing Company, Geneva, Ill. Making endless track treads. 2,354,650; Aug. 1.

Burgess, James H., Marion, and G. W. Fender, Nebo, N. C. Warp stop mechanism for looms. 2,353,644; July 18.

Burgess, Lothian M. (See Boggs, J. K., and Burgess.)

Burgess, Lothian M., Chatham, N. J., assignor to J. M. Huber, Inc., New York, N. Y. Thermofluid printing inks and vehicles therefor. 2,362,431; Nov. 7.

Burgess, Lou A., Sasabe, Ariz. Bridle and hackamore bit. 2,342,449; Feb. 22.

Burgess-Manning Company. (See Hoyle, Robert L., assignor.)

Burgess-Manning Company. (See Leadbetter, Ralph L., assignor.)

Burgess, Montague S., Queens Village, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Measuring system and circuit. 2,364,190; Dec. 5.

Burgess-Norton Manufacturing Company. (See Burgess, Frank E., assignor.)

Burgess-Norton Manufacturing Company. (See Sandberg, Ray A., assignor.)

Burgess, William S. (See Weaver, J. B., and Burgess.)

Burgess, William S., assignor to Weaver Associates Corporation, Washington, D. C. Hull form. 2,347,077; Apr. 18.

Burgett, Kenneth L., Peoria, Ill. Wrist sprung glove. 2,344,080; Mar. 14.

Burggraf, Albert W., assignor to A. O. Smith Corporation, Milwaukee, Wis. Arc welding chill. 2,357,170; Aug. 29.

Burghoff, Henry L. (See Crampton, D. K., and Burghoff.)

Burgwin, Stephen L., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Treatment of silicon-iron alloys. 2,351,922; June 20.

Burk, Robert E., Cleveland Heights, assignor to The Standard Oil Company, Cleveland, Ohio. Increasing the service life of asphalt. 2,340,640; Feb. 1.

Burk, Robert E., Cleveland Heights, assignor to The Standard Oil Company, Cleveland, Ohio. Catalyst manufacture. 2,342,247; Feb. 22.

Burk, Robert E., Cleveland Heights, assignor to The Standard Oil Company, Cleveland, Ohio. Catalytic isomerization of olefins. 2,342,248; Feb. 22.

Burk, Robert E., Cleveland Heights, assignor to The Standard Oil Company, Cleveland, Ohio. Catalyst manufacture. 2,342,249; Feb. 22.

Burk, Robert E., Cleveland Heights, assignor to The Standard Oil Company, Cleveland, Ohio. Separation and purification of aromatic compounds. 2,343,744; Mar. 7.

Burk, Robert E., Cleveland Heights, assignor to The Standard Oil Company, Cleveland, Ohio. Removal of aromatics, sulphur, or unsaturates from hydrocarbons. 2,343,841; Mar. 7.

Burk, Robert E., Cleveland Heights, assignor to The Standard Oil Company, Cleveland, Ohio. Polymerizing unsaturated hydrocarbons. 2,345,574; Apr. 4.

Burk, Robert E., Cleveland Heights, assignor to The Standard Oil Company, Cleveland, Ohio. Heavy duty lubricant. 2,346,356; Apr. 11.

Burk, Robert E., Cleveland Heights, assignor to The Standard Oil Company, Cleveland, Ohio. Solvent-extracting gasolines. 2,364,517; Dec. 5.

Burk, Robert E., and E. C. Hughes, Cleveland Heights, assignors to The Standard Oil Company, Cleveland, Ohio. Catalytic conversion of hydrocarbons. 2,345,096; Mar. 28.

Burk, Robert E., and E. C. Hughes, Cleveland Heights, assignors to The Standard Oil Company, Cleveland, Ohio. Preparing gasoline of low gum-forming tendency. 2,345,575; Apr. 4.

Burk, Robert E., Cleveland Heights, and E. Kropp, assignors to The Standard Oil Company, Cleveland, Ohio. Treating coal. 2,346,151; Apr. 11.

Burk, Robert E., and E. C. Hughes, Cleveland Heights, assignors to The Standard Oil Company, Cleveland, Ohio. High temperature lubricant. 2,346,357; Apr. 11.

Burk, Robert E., and E. C. Hughes, Cleveland Heights, assignors to The Standard Oil Company, Cleveland, Ohio. Manufacture of precipitated catalysts. 2,363,498; Nov. 28.

Burk, Robert E., Cleveland Heights, and M. J. Hartig, assignors to The Standard Oil Company, Cleveland, Ohio. Liquid distribution. 2,364,058; Dec. 5.

Burke, Arnold C., Toronto, Ontario, Canada. Frame for processing photographic negatives. 2,352,601; July 4.

Burke, Charles E., Ludlow, Ky. Machine for molding solder bars. 2,365,743; Dec. 26.

Burke, F. Vincent, Brooklyn, N. Y. Locking guide on syringe needles. 2,338,800; Jan. 11.

Burke, Ormonde J., New York, N. Y. Valve construction. 2,347,988; May 2.

Burke, William O., assignor to National Lock Co., Rockford, Ill. Refrigerator latch. 2,342,250; Feb. 22.

Burkhalter, Harry D., Jr., Bowling Green, Ohio. Propeller pitch change mechanism. 2,365,676; Dec. 26.

Burkhardt Company, The. (See Johnson, Stanley G., assignor.)

Burkhardt Company, The. (See Russell, Alfred R., assignor.)
Burkhardt, Max, Hanau-on-the-Main, E. Czapp, Frankfort-on-the-Main, and A. Jedele, Hanau-on-the-Main, Germany; vested in the Alien Property Custodian. Composition for the production of protheses. 2,341,593; Feb. 15.
Burkhardt, Wilhelm. (See Berghaus, B., and Burkhardt.)
Burkhart, James K., et al. (See Sperry, D. E., and Landess, assignors.)
Burkhart, William S., Lockland, Ohio. Concentration 2,343,169; Feb. 29.
Burkholder, Noah N. (See Martin, Ivan Z., assignor.)
Burkholder, Oscar S., Oakland, Calif. Footrest. 2,341,080; Feb. 8.
Burkholder, Paul R., New Haven, Conn., assignor to Research Corporation, Borough of Manhattan, New York, N. Y. Fermentation process for the production of riboflavin (vitamin B_2). 2,363,227; Nov. 21.
Burkley, Clement J., assignor to Wingfoot Corporation, Akron, Ohio. Safety tube. 2,343,828; Mar. 7.
Burkley, Clement J., assignor to Wingfoot Corporation, Akron, Ohio. Making inner tubes. 2,358,126; Sept. 12.
Burleigh, David S., Wembley, England. Automatic photographic machine. 2,355,779; Aug. 15.
Burlin, Leslie H., Valparaiso, Ind. Folding chair. 2,350,013; May 30.
Burlin, Leslie H., Valparaiso, Ind. Receptacle. 2,351,597; June 20.
Burlin, Leslie H., Valparaiso, Ind., assignor to Milton L. Sturm, Evanston, doing business as Milton Sturm & Company, Chicago, Ill. File rack. 2,351,571; June 13.
Burlin, Leslie H., Valparaiso, Ind., assignor to M. L. Sturm, Evanston, doing business as Milton Sturm & Company, Chicago, Ill. Folding table. 2,365,453; Dec. 19.
Burlin, Leslie H., Valparaiso, Ind., assignor to M. L. Sturm, Evanston, doing business as Milton Sturm & Company, Chicago, Ill. Bookrack. 2,365,452; Dec. 19.
Burman & Sons Limited. (See Briggs, Thomas H. and W. H., assignors.)
Burmeister, Frederick H. (See Dow, D. M., and Burmeister.)
Burmeister, Frederick H., and I. F. Flatz, assignors to Air-Way Electric Appliance Corporation, Toledo, Ohio. Insecticide dispenser. 2,362,351; Nov. 7.
Burmeister, Robert M., Pasadena, assignor to Universal Buyers, Inc., Los Angeles, Calif. Adjustable frame for barberue structures and the like. 2,365,390; Dec. 19.
Burnam, Thompson W. (See Corp, Maurice J., assignor.)
Burnam, Thompson W., Inglewood, Calif. Drilling fluid. 2,352,468; June 27.
Burnat, Henri L. (See Marette, J. L. J., and Burnat.)
Burndy Engineering Company. (See Bergman, Sidney D., assignor.)
Burndy Engineering Company. (See Lee, M., and Matthysse, assignors.)
Burndy Engineering Company. (See Rogoff, Julian, assignor.)
Burndy Engineering Company, Inc. (See Paucek, Andrew J., assignor.)
Burnett, Burton F. (See Hipple, J. L., Dewey, and Burnett.)
Burnett, Burton F., Canton, Ill., assignor to International Harvester Company. Dispensing attachment for tractors. 2,361,083; Oct. 24.
Burnett, Clinton B., Waukegan, Ill., assignor to Johns-Manville Corporation, New York, N. Y. Shingle and making the same. 2,347,250; Apr. 25.
Burnett, Henry J., West Brookfield, Mass. Food dehydrator. 2,359,199; Sept. 26.
Burnett, Marie C., executrix. (See Burnett, Richard W., assignor.)
Burnett, Richard T., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,355,143; Aug. 8.
Burnett, Richard W., Chicago, Ill., M. C. Burnett, Executrix, assignor to Marie C. Burnett. Railroad car hand brake. 2,363,393; Nov. 21.
Burnett, Robert N., deceased, Monrovia, by S. Hoffmann, Glendale, Calif., executor. Valve. 2,352,368; June 27.
Burnett, Samuel A., Ottumwa, Iowa. Basket grate for stoves. 2,365,391; Dec. 19.
Burnette, Algernon R., New York, N. Y. Separating expansible fluids from nonexpansible fluids. 2,349,938; May 30.
Burney, Henry P., Jr., San Antonio, Tex. Sign control. 2,348,054; May 2.
Burnham, Bradshaw, assignor to Eastman Kodak Company, Rochester, N. Y. Numbering stamp for printing machines. 2,341,361; Feb. 8.
Burnham, Bradshaw, and E. Hoag, assignors to Eastman Kodak Company, Rochester, N. Y. Photographic printing apparatus. 2,353,218; July 11.
Burnham, Clarence W., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Slideway lubrication. 2,343,533; Mar. 7.
Burnham, Ethel W., Sierra Madre, Calif. Knitting needle. 2,353,875; July 18.
Burnham, Hugh D., Edwardsville, Ill., and F. T. Weiss, Normandy, Mo., assignors to Shell Development Company, San Francisco, Calif. Metal deactivator. 2,352,164; June 27.
Burnham, Lawrence B., Chicago, Ill. Phonograph. 2,360,847; Oct. 24.
Burnham, Locke H., Pittsfield, Mass., assignor to General Electric Company. Electric apparatus. 2,347,989; May 2.
Burnham, Virgil A. (See Jones, R. M., and Burnham.)
Burnham, Walter E. (See Freedman, G. L., and Burnham.)
Burns, Bruce. (See Roy, K. H., Burns, Larson, and Lewis.)
Burns, Bruce, assignor to The Garrett Corporation, Airesearch Manufacturing Company division, Los Angeles, Calif. Oil cooler having protective and control means. 2,354,362; July 25.
Burns, Charles R., West Reading, Pa., assignor to Vanity Fair Mills, Inc. Warp knit fabric and making the same. 2,356,819; Aug. 29.
Burns, Dalmore A., Los Angeles, Calif. Electric razor. 2,339,677; Jan. 18.
Burns, David E., Colfax, Wash. Exercising device. 2,362,111; Nov. 7.
Burns, Frank D., Greensboro, N. C., assignor of one-half to G. McSweeney, Richmond, Va. Sharpener for meat-chopping machines. 2,338,995; Jan. 11.
Burns, Fred J., Saginaw, Mich., assignor to The Columbia Mills, Inc., New York, N. Y. Adjustable ventilator. 2,355,847; Aug. 15.
Burns, George A., Liverpool, England, assignor, by mesne assignments, to Automatic Electric Laboratories, Inc., Chicago, Ill. Remote control and supervisory system. 2,344,231; Mar. 14.
Burns, Jay. (See Cryns, Josef, assignor.)
Burns, Jean, trustee. (See Roy, K. H., Burns, Larson, and Lewis, assignors.)
Burns, John S., Burwood Park, Walton-on-Thames, England. Earth-moving machinery. 2,365,677; Dec. 26.
Burns, Joseph R., Millbourne, Pa. Binding device. 2,358,622; Sept. 19.
Burns, Leroy H., Cleveland, Ohio., assignor to The National Telephone Supply Company. Wire connecting sleeve. 2,342,788; Feb. 29.
Burns, Leroy H., Cleveland, Ohio, assignor to The National Telephone Company. Wire connecting device. 2,347,540; Apr. 25.
Burns, Louis G. (See Roth, J. M., and Burns.)
Burns, Walter, Munger, Mich. Potato seed cutter. 2,338,996; Jan. 11.
Burns, Wilford E., Burlingame, assignor to M. J. B. Company, San Francisco, Calif. Can. 2,349,939; May 30.
Burpee, Dorothy R. (See Whiting, Walter R., assignor.)
Burr, George O., assignor to Regents of The University of Minnesota, Minneapolis, Minn. Coating composition. 2,358,623; Sept. 19.
Burr, Glen L. (See Christensen, E. R., and Burr.)
Burre, Philip H., South Ozone Park, N. Y. Receptacle. 2,349,238; May 23.
Burrell, Frank C., Lyons, Ill. Tire and wheel lock. 2,347,767; May 2.
Burrell, Harry. (See Barth, R. H., and Burrell.)
Burrell, Harry, Clifton, N. J., assignor, by mesne assignments, to Heyden Chemical Corporation. Alcoholysis catalysts. 2,360,393; Oct. 17.
Burrell, Harry, Paramus, N. J., assignor, by mesne assignments, to Heyden Chemical Corporation, New York, N. Y. Alcohol-reaction catalysts. 2,360,394; Oct. 17.
Burrell, Gilbert, Lansing, assignor to General Motors Corporation, Detroit, Mich. Starter-throttle interconnection. 2,347,251; Apr. 25.
Burrell Technical Supply Company. (See Holmes, Donald C., assignor.)
Burroughs Adding Machine Company. (See Fettig, Arthur J., assignor.)
Burroughs Adding Machine Company. (See McCabe, Russell H., assignor.)
Burroughs Adding Machine Company. (See Muller, Robert L., assignor.)
Burroughs Adding Machine Company. (See Race, Ernest, assignor.)
Burroughs, Samuel G. (See Corkery, F. W., and Burroughs.)
Burroughs Wellcome & Co. (U. S. A.). (See Phillips, A. P., and Randall, assignors.)
Burroughs Wellcome & Co. (U. S. A.) Inc. (See Baltsly, R., de Beer, and Buck, assignors.)
Burroughs Wellcome & Co. (U. S. A.) Inc. (See Buck, J., and Reiner, assignors.)
Burroughs Wellcome & Co. (U. S. A.) Inc. (See Lang, E. H., and Buck, assignors.)
Burrowes Corporation, The. (See Leacy, Eugene S., assignor.)
Burrows, Lawton A., Woodbury, N. J., and W. Brün, Bridgeport, Conn., assignors to Remington Arms Company, Inc. Ammunition priming mixture. 2,341,285; Feb. 8.
Burrows, Lawton A., and J. B. Loe, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Metal clamp. 2,348,326; May 9.
Burrus, Paul B., assignor to American Aircraft Associates, Dayton, Ohio. Attaching means. 2,364,596; Dec. 12.
Burry, Arthur A., Toronto, Ontario, Canada. Means for heating thermoplastic materials for molding. 2,354,363; July 25.

Burry, Arthur A., Toronto, Ontario, Canada. Heating thermoplastic materials for molding. 2,358,624; Sept. 19.
Burstrom, Gustave A., New York, N. Y. Machine key extractor. 2,339,143; Jan. 11.
Burt, Clarence E., Altadena, assignor to Baker Oil Tools, Inc., Huntington Park, Calif. Cementing, washing, and acidizing retainer for oil wells. Re. 22,483; May 23.
Burt, Fred, et al. (See Harmon, Luther R., assignor.)
Burt, Henry C., Laingsburg, Mich. Surveying instrument. 2,346,006; Apr. 4.
Burt, George H., Metairie, La., assignor to The Celotex Corporation, Chicago, Ill. Multiple spindle drilling apparatus. 2,342,251; Feb. 22.
Burt, Lauren. (See Fuller, Edgar I., assignor.)
Burt, Ray W., Lafayette, Colo. Safety device. 2,350,014; May 30.
Burt, Robert V., assignor to The Procter & Gamble Company, Cincinnati, Ohio. Soap cutter. 2,359,403; Oct. 3.
Burtle, Jerome G., Godfred Township, Madison County, assignor to Western Cartridge Company, East Alton, Ill. Manufacture of explosives. 2,347,660; May 2.
Burtnett, Edith G. (See Burtnett, Everett R., assignor.)
Burtnett, Everett R., assignor of one-half to E. G. Burtnett, Los Angeles, Calif. Transmission mechanism and control means therefor. 2,341,512; Feb. 15.
Burton, Charlie. (See Welsby, S., and Burton.)
Burton, Courtland D., Indianapolis, Ind. Reading attachment for beds. 2,359,895; Oct. 10.
Burton, Gus, Wadley, Ga. Emergency landing runway. 2,351,002; June 13.
Burton, Harry H., Worcester, Mass. Pumping apparatus. 2,360,038; Oct. 10.
Burton, Robert A., High Point, N. C., assignor to Burton Upholstery Company. Sofa bed. 2,343,642; Mar. 7.
Burton, Robert L., et al. (See Chandler, Walter R., assignor.)
Burton-Rodgers, Inc. (See Howard, D. K., Benckenstein, and Porter, assignors.)
Burton Upholstery Company. (See Burton, Robert A., assignor.)
Burts, Edgar D., Columbus, Ga. Recording mechanism. 2,344,675; Mar. 21.
Burtt, Granville W. (See Cole, P. J., and Burtt.)
Burwick, Lloyd W., McAllen, Tex., C. D. Cothran, Pomona, and T. G. Cunning, Upland, assignors to Brogdex Company, Pomona, Calif. Preparation of fresh fruit for market. 2,364,946; Dec. 12.
Busch, Aloysius J., Madison, and I. H. Henry, East Orange, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Communication system. 2,338,997; Jan. 11.
Busch, Aloysius J., Madison, I. H. Henry, East Orange, and C. F. Seibel, Glen Rock, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Automatic switching telephone system. 2,350,873; June 6.
Busch, Charles R., Orange, N. J., assignor to Buffalo Brake Beam Company, New York, N. Y. Brake rigging and/or railway car truck. 2,340,927; Feb. 8.
Busch, Charles R., Orange, N. J., assignor to Buffalo Brake Beam Company, New York, N. Y. Brake rigging and/or railway car truck. 2,340,928; Feb. 8.
Busch, Charles R., Orange, N. J., assignor to Buffalo Brake Beam Company, New York, N. Y. Brake beam and guide therefor. 2,350,671; June 6.
Busch, Charles R., Orange, N. J., assignor to Buffalo Brake Beam Company, New York, N. Y. Brake rigging and/or railway car truck. 2,365,744; Dec. 26.
Buschow, Herman F. (See Chute, S. J., and Buschow.)
Buschow, Herman F., New York, N. Y., and E. G. Engel, Rossiie, N. J., assignors to The M. W. Kellogg Company, New York, N. Y. Heat exchanger. 2,348,601; May 9.
Bush, Burton T., Inc. (See Gump, William S., assignor.)
Bush, Burton T., Inc. (See Kunz, E. C., Luthy, and Gump, assignors.)
Bush, Burton T., Inc. (See Stevens, P. G., and Erickson, assignors.)
Bush, Clay. (See Henricks, Raymond A., assignor.)
Bush, George L. (See May, H. F., Bush, and Frischknecht.)
Bush, J. E. (See Brown, Lemual G., assignor.)
Bush, Rankin J., Jeannette, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Accumulator. 2,347,932; May 2.
Bush, Russell J. (See Dodge, H. M., and Bush.)
Bushko, George, Eynon, Pa. Garment hanger. 2,364,619; Dec. 12.
Bushman, Robert P., assignor, by mesne assignments, to St. Regis Paper Company, New York, N. Y. Apparatus for packing cement or the like material. 2,360,313; Oct. 17.
Bushmire, William J., Jr., Cannonsburg, Pa. Automatic safety control for moving-picture machines. 2,340,792; Feb. 1.
Bushnell, James E., Aspinwall, assignor to Blaw-Knox Company, Blawnox, Pa. Paving. 2,361,377; Oct. 31.
Bushnell, William M., Chicago, Ill. Cutting tool. 2,339,144; Jan. 11.
Bushrod, Charles J., Prestwich, assignor to Magnesium Elektron Limited, London, England. Protection of magnesium and magnesium base alloys against corrosion. 2,352,076; June 20.
Busi, Mario, assignor to The Silver Globe Corporation, New York, N. Y. Dry cleaning system. 2,355,508; Aug. 8.
Busignies, Henri G., Forest Hills, assignor to International Standard Electric Corporation, New York, N. Y. Angle indicating apparatus. 2,363,941; Nov. 28.
Business Collaborators, Inc. (See Schelly, Cyril G., assignor.)
Busk, Robert S., assignor to The Dow Chemical Company, Midland, Mich. Heat treatment of magnesium alloys. 2,363,394; Nov. 21.
Buss, Alfred B. (See Conway, Thomas J., and Buss.)
Busse, Edwin G., assignor to Chicago Railway Equipment Company, Chicago, Ill. Brake beam mounting. 2,359,353; Oct. 3.
Busse, Robert W., Brooklyn, N. Y. Cover slip. 2,342,918; Feb. 29.
Busse, Warren F., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Method and apparatus for equalizing the tension in a plurality of strands. 2,346,358; Apr. 11.
Busser, Frank S., et al., trustees. (See Kokatnur, V. R., and Van Hook, assignors.)
Butcher, Claude R., Oswego, Oreg. Aerial toy. 2,358,379; Sept. 19.
Butcher, Maude L., Seattle, Wash. Cabinet. 2,344,800; Mar. 21.
Butenandt, Adolf. (See Inhoffen, H. H., Butenandt, and Schwenk.)
Butenandt, Adolf, Berlin-Dahlem, Germany, assignor to Schering Corporation, Bloomfield, N. J. Compounds of the cyclopentano-polyhydrophenanthrene series and the manufacture thereof. 2,341,081; Feb. 8.
Butenandt, Adolf, Berlin-Dahlem, Germany, assignor to Schering Corporation, Bloomfield, N. J. Manufacture of pregnendione from iso-pregnenolone and intermediates obtained thereby. 2,341,594; Feb. 15.
Butenandt, Adolf, Danzig-Langfuhr, Freestate Danzig, and L. Strassberger, Berlin-Wilmersdorf, Germany, assignors, by mesne assignments, to Schering Corporation, Bloomfield, N. J. Derivatives of 3.17-diols of the cyclopentano polyhydrophenanthrene series and producing the same. 2,344,965; Mar. 28.
Butenandt, Adolf, Berlin-Dahlem, J. Schmidt-Thomé, Berlin-Zehlendorf, Germany, and E. Schwenk, assignors to Schering Corporation, Bloomfield, N. J. Compounds of the cyclopentano-polyhydrophenanthrene series and manufacture of the same. 2,353,808; July 18.
Butland, Ralph A., Washington, D. C. Heat conductivity apparatus. 2,347,661; May 2.
Butler, Benjamin F., Westport, and E. A. Hirdler, assignor to Remington Arms Company, Inc., Bridgeport, Conn. Metal drawing process. 2,350,491; June 6.
Butler, Beryl M., assignor to Pan American Refining Corporation, Texac City, Tex. Electrically responsive pressure release means. 2,363,117; Nov. 21.
Butler, Edgar M., New Orleans, La. Electrolytic water correction device. 2,348,882; May 16.
Butler, Edward A. (See Claybourn, L. W., and Butler.)
Butler, Edward J., assignor to The Glenn L. Martin Company, Middle River, Md. Engine sling. 2,343,045; Feb. 29.
Butler, Edwin L., Baltimore, assignor to The Glenn L. Martin Company, Middle River, Md. Flexible cell support. 2,361,743; Oct. 31.
Butler, Ernest L., Lynn, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Fastening forming machine. 2,353,645; July 18.
Butler, Ernest L., Lynn, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Edge gauging mechanism. 2,356,213; Aug. 22.
Butler, Frederick W., Oakland, assignor to Alaska Packers Association, San Francisco, Calif. Can transfer apparatus and method. 2,354,103; July 18.
Butler, John W., Schenectady, N. Y., assignor to General Electric Company. Protection of polyphase impedance networks. 2,349,611; May 23.
Butler Jones (Nameplates) Limited. (See Butler-Jones, Walter R., assignor.)
Butler-Jones, W. R., Sydenham, London, assignor to Butler Jones (Nameplates) Limited, Lower Sydenham, London, England. Copy holding appliance and copies for use in engraving machines. 2,344,849; Mar. 21.
Butler Manufacturing Company. (See Damme, W. O., and Gabler, assignors.)
Butler Manufacturing Company. (See Hefler, R., and Myers, assignors.)
Butler Manufacturing Company. (See Larkin, W. B., and Norquist, assignors.)
Butler, Reuben, Detroit, Mich. Timber plate girder. 2,363,568; Nov. 28.
Butler, William F., Hillside, N. J., assignor to American Can Company, New York, N. Y. Conveyer. 2,359,745; Oct. 10.
Butler, William F., Hillside, N. J., assignor to American Can Company, New York, N. Y. Oven. 2,365,678; Dec. 26.
Butler, William F., assignor to Cutter Laboratories, Berkeley, Calif. Intravenous injection equipment and operating same. 2,362,537; Nov. 14.

Butler, William L., Schenectady, and G. M. Hausler, Ballston Lake, N. Y., assignors to General Electric Company. Circuit controller. 2,341,901; Feb. 15.

Butt, Charles A., Atlanta, Ga., assignor to International Minerals & Chemical Corporation, New York, N. Y. Processes of removing fluorine from superphosphate. 2,360,197; Oct. 10.

Buttermann, Garry G., Louisville, Ky. Sanitary sales tube for dispensing ice-cream cones. 2,349,074; May 16.

Buttery, Kenneth T., assignor to Sutherland Paper Company, Kalamazoo, Mich. Cup or container. 2,338,900; Jan. 11.

Buttery, Kenneth T., assignor to Sutherland Paper Company, Kalamazoo, Mich. Box or container. 2,361,597; Oct. 31.

Buttery, Kenneth T., assignor to Sutherland Paper Company, Kalamazoo, Mich. Carton. 2,364,267; Dec. 5.

Buttikofer, John W., New Rochelle, N. Y. Hospital bed. 2,340,701; May 23.

Buttles, Lois I., administratrix. (See Buttles, William S., assignor.)

Buttles, William S., deceased, by L. I. Buttles, Chicago, Ill., administratrix, assignor to L. I. Buttles, individually. Mounting. 2,360,757; Oct. 17.

Buttner, Arnold, Flushing, N. Y., assignor of one-half to Trump Products Corporation, New York, N. Y. Switch control. 2,354,851; Aug. 1.

Büttner, Hugo, Wuppertal-Vohwinkel, Germany; vested in the Alien Property Custodian. Forming spring fillers for furniture and the like. 2,350,723; June 6.

Büttner, Hugo, Wuppertal-Vohwinkel, Germany; vested in the Alien Property Custodian. Method and device for manufacturing spring-nets for mattresses, seat cushions, and the like. 2,351,923; June 20.

Buttner, Theodore W., and J. G. Martin, Columbus, Ohio. Dehydrating and deacidifying hydrocarbon oils and transformer coolants. 2,342,723; Feb. 29.

Buttner, William C., Winnetka, Ill. Two-stage regulator. 2,362,352; Nov. 7.

Buttner, William C., Winnetka, assignor to The Bastian Blessing Co., Chicago, Ill. Hydroelectrode control. 2,356,117; Aug. 15.

Button Corporation of America. (See Wood, Robert O., assignor.)

Butts, Richard R., Miamisburg, Ohio, assignor of one-half to T. B. Zumstein, Fort Thomas, Ky., and one-half to G. F. Miller, Cincinnati, Ohio. Ventilating black-out window shade. 2,350,094; May 30.

Butz, Lewis W. (See Nudenberg, W., and Butz.)

Butzke, Netty, Brooklyn, N. Y. Sterilizing container for syringe and hypodermic needles. 2,346,725; Apr. 18.

Butzler, Edward W., West View, Pa. Production of steam. 2,358,380; Sept. 19.

Buxbaum, Bernard, Brooklyn, N. Y. Baseball game and the like. 2,355,905; Aug. 15.

Buxbaum, Edwin C. (See Lulek, R. N., and Buxbaum.)

Buxbaum, Edwin C., Media, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing compounds of the anthraquinone series. 2,346,726; Apr. 18.

Buxbaum, Edwin C., Media, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Compounds of the anthraquinone series. 2,353,010; July 4.

Buxbaum, Edwin C., Media, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyes of the anthraquinone series. 2,363,042; Nov. 21.

Buxbaum, Edwin C., Swarthmore, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyestuffs of the anthraquinone series. 2,347,252; Apr. 25.

Buxbaum, Erich K., London, England. Apparatus for manufacturing open containers made of pliable sheet material. 2,350,874; June 6.

Buxton, Incorporated. (See Broughton, Douglas J., assignor.)

Buxton, Incorporated. (See Buxton, Warner R., assignor.)

Buxton, Incorporated. (See Harvey, Robert P., assignor.)

Buxton, Incorporated. (See Hawes, George R., assignor.)

Buxton, James E., Elmira, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine starter gearing. 2,339,599; Jan. 18.

Buxton, James E., Elmira, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine starter gearing. 2,345,791; Apr. 4.

Buxton, James E., Elmira, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine starter gearing. 2,359,968; Oct. 10.

Buxton, Loran O. (See Briod, A. E., and Buxton.)

Buxton, Loran O., Belleville, assignor to National Oil Products Company, Harrison, N. J. Treating fatty oils. 2,343,097; Mar. 28.

Buxton, Loran O., Belleville, assignor to National Oil Products Company, Harrison, N. J. Saponifying vitamin-containing fatty material. 2,345,098; Mar. 28.

Buxton, Loran O., Belleville, assignor to National Oil Products Company, Harrison, N. J. Treating fish livers. 2,345,099; Mar. 28.

Buxton, Loran O., Belleville, assignor to National Oil Products Company, Harrison, N. J. Stabilization of oxidizable substances. 2,345,576; Apr. 4.

Buxton, Loran O., Belleville, assignor to National Oil Products Company, Harrison, N. J. Refining fatty materials. 2,345,577; Apr. 4.

Buxton, Loran O., Belleville, assignor to National Oil Products Company, Harrison, N. J. Stabilization of oxidizable organic materials. 2,345,578; Apr. 4.

Buxton, Loran O., Belleville, assignor to National Oil Products Company, Harrison, N. J. Stabilization of motor fuels. 2,345,579; Apr. 4.

Buxton, Loran O., Belleville, assignor to National Oil Products Company, Harrison, N. J. Stabilization of mineral oils. 2,345,580; Apr. 4.

Buxton, Loran O., Belleville, assignor to National Oil Products Company, Harrison, N. J. Refining and stabilizing fat-soluble vitamin-bearing materials. 2,345,960; Apr. 4.

Buxton, Loran O., Belleville, assignor to National Oil Products Company, Harrison, N. J. Refining and stabilization of vitamin-containing materials. 2,345,961; Apr. 4.

Buxton, Loran O., Belleville, assignor to National Oil Products Company, Harrison, N. J. Treating fat-soluble vitamin-containing oils. 2,347,460; Apr. 25.

Buxton, Loran O., Belleville, assignor to National Oil Products Company, Harrison, N. J. Treatment of fat-soluble vitamin materials. 2,347,461; Apr. 25.

Buxton, Loran O., Belleville, assignor to National Oil Products Company, Harrison, N. J. Refining and stabilizing fat-soluble vitamin-containing fatty materials. 2,347,462; Apr. 25.

Buxton, Loran O., Belleville, assignor to National Oil Products Company, Harrison, N. J. Refining fat-soluble vitamin-containing materials. 2,353,011; July 4.

Buxton, Loran O., Belleville, assignor to National Oil Products Company, Harrison, N. J. Refining vitamin-containing materials. 2,360,039; Oct. 10.

Buxton, Loran O., Belleville, and L. T. Rosenberg, Ridgefield Park, assignor to National Oil Products Company, Harrison, N. J. Refining vitamin oils. 2,344,124; Mar. 14.

Buxton, Mabel A., executrix. (See Buxton, Warner R.)

Buxton, Warner R., deceased, by M. A. Buxton, Longmeadow, executrix, assignor to Buxton, Incorporated, Springfield, Mass. Closure for flexible pocket receptacles. 2,347,078; Apr. 18.

Buys, Glenn E. (See Johnson, C. A., and Buys.)

Buzza, Henry M., assignor, by mesne assignments, to J. G. Hames, Toronto, Ontario, Canada. Positioning index for turret machines. 2,352,165; June 27.

Buzzell, Francis A., Chicago, Ill. Insulating bushing for electrical conduits and the like. 2,338,316; Jan. 4.

Buzzell, Jonathan J. (See Lutes, H., and Buzzell.)

Buzzell, Maurice E. (See Hatch, L. A., and Buzzell.)

Byall, Russell D. (See Greenup, H. W., and Byall.)

Byard Manufacturing Company Limited. (See Hunter, Albert E., assignor.)

Byard Manufacturing Company, Limited. (See Marder, E. P., and Green, assignors.)

Byall, Sam. (See Ventre, E. K., Ambler, Byall, and Henry.)

Byers, A. M., Company. (See Story, Edward B., assignor.)

Byers, Arnett, East Chicago, Ind. Furnace jack. 2,358,141; Sept. 12.

Byers, Dwight B. (See Gerson, G., and Byers.)

Byers, Joseph F., Aurora, Nebr. Stock watering device. 2,358,303; Sept. 19.

Byers Machine Company. (See Ferguson, Berlin S., assignor.)

Byers, Robert, Hancock, Md. Separating tool. 2,345,324; Mar. 28.

Byers, William B., Kansas City, Mo. Insulating blanket. 2,342,839; Feb. 29.

Byers, William R., Calgary, Alberta, Canada. Marker for seeding machines. 2,356,030; Aug. 15.

Byler, Raymond E. (See Mills, L. D., Crowe, and Byler.)

Bylund, Eric. (See Jepson, I., and Bylund.)

Bylund, Eric. (See Jepson, I., Koci, and Bylund.)

Byrd, William, Jr., Princeton, N. J., assignor to Richmond Manufacturing Company, Lockport, N. Y. Magnetic separator. 2,340,303; Feb. 1.

Byrkit, Gordon D. (See Davis, L. L., Lincoln, and Byrkit.)

Byrkit, Gordon D. (See Lincoln, B. H., and Byrkit.)

Byrkit, Gordon D. (See Lincoln, B. H., Byrkit, and Steiner.)

Byrne, John S., Oakland, Calif. Variable speed fluid drive transmission. 2,355,780; Aug. 15.

Byrne, Paul F., West Caldwell, N. J., assignor to Federal Telephone and Radio Corporation. Short wave amplifier. 2,359,618; Oct. 3.

Byrne, Paul F., West Caldwell, N. J., assignor to Federal Telephone and Radio Corporation. Short wave transmission line balancing system. 2,365,453; Dec. 19.

Byrnes, Clarence P. (See James, Joseph H., assignor.)

Byrnes, Clarence P., trustee. (See James, Joseph H., assignor.)

Byrns, Alva C. (See Polly, O. L., and Byrns.)

Byrns, Alva C., Palos Verdes Estates, assignor to Union Oil Company of California, Los Angeles, Calif. Production of ketones. 2,355,703; Aug. 15.

Byron Jackson Co. (See Codner, Edwin F., assignor.)

Byron Jackson Co. (See Lobanoff, Valenteen S., assignor.)

Byron Jackson Co. (See Lundeen, Chester A., assignor.)

Byron Jackson Co. (See Mullinix, G. E., and Hambly, assignors.)

Byron Jackson Co. (See Nicolson, G. F., and Hertel, assignors.)

Byron, Oscar, New York, and K. H. Jones, Hollis, assignors to J. O. Ross Engineering Corporation, New York, N. Y. Drier. 2,350,672; June 6.

Byron, Paul E., Longview, Tex. Plug. 2,360,395; Oct. 17.

C. B. Equipment Co. (See Harbers, Henry C., assignor.)

C-O-Two Fire Equipment Company. (See Allen, Frank B., assignor.)

Cabell, Robert G., III, Richmond, Va. Corn cutter. 2,341,206; Feb. 8.

Cabeza, Victor A., Rio Grande, Argentina. Safety cover for shearing machine. 2,346,536; Apr. 11.

Cabot, Samuel, Boston, Mass. Reducing visibility. 2,359,746; Oct. 10.

Caccia, Pio, Chicago, Ill. Restrainer composition for development of photographs. 2,353,544; July 11.

Cadbury, George N., assignor to E. M. B. Company Limited, West Bromwich, England. Compressed air intensifier. 2,340,929; Feb. 8.

Cade, John W., La Canada, Calif., assignor to Sturgess, Inc., Glendale, Calif. Cable tension regulator. 2,363,228; Nov. 21.

Cade, John W., La Canada, Calif., assignor to Sturgess, Inc., Glendale, Calif. Cable tension regulator. 2,363,229; Nov. 21.

Cadet Smoke Stands Company. (See Fletcher, Maurice J., assignor.)

Cadman, Addi B., Beloit, Wis., assignor to Warner Electric Brake Manufacturing Company, South Beloit, Ill. Electromagnetic friction device. 2,351,598; June 20.

Cadous, Esther, New York, N. Y. Eye pad holder and sleeping shield. 2,340,840; Feb. 29.

Cadwallader, Clyde T., assignor to Dorothy Cadwallader, Kenmore, N. Y. Loose leaf binder. 2,364,890; Dec. 12.

Cadwallader, Dorothy. (See Cadwallader, Clyde T., assignor.)

Cadwell, Charles A., assignor to The Electric Railway Improvement Company, Cleveland, Ohio. Welding. 2,355,627; Aug. 15.

Cadwell, Charles A., Cleveland Heights, assignor to The Electric Railway Improvement Company, Cleveland, Ohio. Rail bonding apparatus. 2,360,758; Oct. 17.

Cady, Charles A. (See Reinhardt, A. E., Boissevain, Shapiro, and Cady.)

Cady, George H., Wadsworth, Ohio, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Preparation of hypochlorites. 2,356,820; Aug. 29.

Caesar, George V., Staten Island, assignor to Stein, Hall and Company, Inc., New York, N. Y. Starch esterification. 2,365,173; Dec. 19.

Caffrey, Charles S., Port Washington, N. Y., assignor to Wood Newspaper Machinery Corporation, Plainfield, N. J. Web roll controlling mechanism. 2,346,903; Apr. 18.

Caffrey, Charles S., Port Washington, N. Y., assignor to Wood Newspaper Machinery Corporation, Plainfield, N. J. Tension mechanism. 2,366,143; Dec. 26.

Cagney-Storer, Inc. (See Cagney, Warren O., assignor.)

Cagney, Warren O., Garden City, assignor to Cagney-Storer, Inc., New York, N. Y. Making shoes soles. 2,364,691; Dec. 12.

Cahen, Herman S., University Heights, Ohio. Bowling ball. 2,347,881; May 2.

Cahill, Arthur T., Weehawken, N. J. Typewriting machine, typesetting machine, and other keyboard instruments. 2,354,196; July 25.

Cahn, Frank J., assignor to The Emulsol Corporation, Chicago, Ill. Concentration of manganese ores. 2,358,055; Sept. 12.

Cahn, Frank J., assignor to The Emulsol Corporation, Chicago, Ill. Flotation of ores. 2,362,432; Nov. 7.

Cahoon, Edward F. (See Lauder, W. A., and Cahoon.)

Cain, Basil S., Erie, Pa., assignor to General Electric Company. Restraint device. 2,357,080; Aug. 29.

Cain, Basil S., Erie, Pa., assignor to General Electric Company. Restraint and equalizing device. 2,357,081; Aug. 29.

Cain, Chester M., Amarillo, Tex. Cleaning equipment. 2,340,365; Feb. 1.

Cairns, Robert W., Wilmington, Del., assignor to Hercules Powder Company. Explosive composition. 2,338,164; Jan. 4.

Cairns, Robert W., assignor to Hercules Powder Company, Wilmington, Del. Blasting explosive. 2,355,269; Aug. 8.

Cairns, William F., North Haven, Conn., assignor to United States Rubber Company, New York, N. Y. Shoe. 2,340,578; Feb. 1.

Calandra, Anthony A., trustee, et al. (See Cardini, G., assignor, and Davis.)

Calavo Growers of California. (See Adams, Loyd, assignor.)

Calder, Caesar A. (See Shaw, Louis E., assignor.)

Calder, William G., Los Angeles, Calif. Pipe joint and seal-dam therefor. 2,360,314; Oct. 17.

Caldwell, Chester W., West Lafayette, and A. K. Branham, Lafayette, Ind. Recording apparatus. 2,353,033; July 18.

Caldwell, Harry F. (See Tuthill, H. B., and Caldwell.)

Caldwell, Harry J., assignor to Barnes Drill Co., Rockford, Ill. Machine tool. 2,345,581; Apr. 4.

Caldwell, Harry J., and E. Y. Seborg, assignors to Barnes Drill Co., Rockford, Ill. Honing machine. 2,343,275; Mar. 7.

Caldwell, John A., assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring instrument. 2,361,174; Oct. 24.

Caldwell, Leslie M., Rockford, Ill. Equalizing sling. 2,356,146; Aug. 22.

Caldwell, Leslie M., Rockford, Ill. Self-equalizing sling. 2,356,147; Aug. 22.

Caldwell, Lyle. (See Seaton, Max Y., assignor.)

Caldwell, Walter A., West Kilbride, and A. G. White, Saltcoats, Scotland, assignors to Imperial Chemical Industries Limited. Manufacture of nondetonating fuses for blasting and similar purposes. 2,363,569; Nov. 28.

Caldwell, Walter T., assignor to The George E. Failing Supply Company, Enid, Okla. Kelly rod and drive bushing therefor. 2,338,093; Jan. 4.

Caley, William T., assignor to Kalamazoo Stove & Furnace Company, Kalamazoo, Mich. Combination oil and gas range. 2,353,689; July 18.

Caley, William T., assignor to Kalamazoo Stove & Furnace Company, Kalamazoo, Mich. Oil burner for stoves and the like. 2,358,381; Sept. 19.

Calhoon, Almer O., Stoutsville, Mo. Poultry feeder. 2,361,598; Oct. 31.

Calhoun, Gordon M. (See Brin, W., and Calhoun.)

Calhoun, Gordon M. (See Burdett, P. H., and Calhoun.)

Calhoun, Gordon M., Fairfield, Conn., and P. B. Rutherford, Herkimer, N. Y., assignors to Remington Arms Company, Inc. Ammunition. 2,341,310; Feb. 8.

Calhoun, John J., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Ammunition charger. 2,354,499; July 25.

Calhoun, Vernon, Chicago, Ill. Catamenial device and making same. 2,355,628; Aug. 15.

Calia, Victor N., Brooklyn, N. Y. Making pies. 2,363,395; Nov. 21.

Calico Printers' Association Limited, The. (See Heaton, J. S., and Howis, assignors.)

California Cotton Mill Company. (See Olsen, Burton A., assignor.)

California Flaxseed Products Company. (See Lasher, Edward A., assignor.)

California Fruit Growers Exchange. (See Bryant, Edwin F., assignor.)

California Fruit Growers Exchange. (See Higby, Ralph H., assignor.)

California Fruit Growers Exchange. (See McCracken, John H., assignor.)

California Fruit Growers Exchange. (See Platt, William C., assignor.)

California Fruit Growers Exchange. (See Rohrbaugh, Percy W., assignor.)

California Fruit Growers Exchange. (See Wilson, Clarence W., assignor.)

California Institute Research Foundation. (See English, J., Jr., Bonner, and Haagen-Smit, assignors.)

California Institute Research Foundation. (See Stever, Horton G., assignor.)

California Institute Research Foundation. (See Stone, Newton C., assignor.)

California Packing Corporation. (See Carter, William G., assignor.)

California Trust Company, executor. (See Pratley, Henry H.)

Calkins, Austin E. (See Beerbower, A., and Calkins.)

Calkins, Claude C., Spokane, Wash. Rotary rod weeder. 2,355,950; Aug. 15.

Calkins, William G., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Projectile driving band. 2,360,473; Oct. 17.

Callahan, John L., Malverne, N. Y., assignor to Radio Corporation of America. Phasing device for synchronous telegraph systems. 2,352,688; July 4.

Callahan, John T., West Newton, and J. A. Gilbertson, Milford, assignors to Archer Rubber Company, Milford, Mass. Outer garment. 2,361,380; Oct. 31.

Callahan, John T., West Newton, and J. A. Gilbertson, assignors to Archer Rubber Company, Milford, Mass. Reversible outer garment. 2,361,381; Oct. 31.

Callahan, Thomas P. (See Thompson, W. F., and Callahan.)

Callan, William D., Norwood, Ohio. Conduit. 2,338,801; Jan. 11.

Callander, Marshall E., Columbia, Mo. Nozzle for the manufacture of mineral wool. 2,344,125; Mar. 14.

Callaway, Claude, Louisville, Ky. Furnace or boiler arch. 2,359,619; Oct. 3.

Callaway, Edward C., and R. G. Rosenstiel, Corvallis, Oreg. Composition toxic to lower forms of life. 2,353,442; July 11.

Callaway Mills. (See Ott, Thomas O., Jr.)

Callender's Cable & Construction Company. (See Howson, A. V., and Reed, assignors.)

Callender's Cable & Construction Company. (See Peel, F., and Vincent, assignors.)

Callenders Cable and Construction Company Limited. (See Vincent, Russell S., assignor.)

Calleo, Joseph, Endicott, N. Y., assignor to Puritan Manufacturing Company, Boston, Mass. Ribbed insole and making the same. 2,348,327; May 9.

Calleson, Amos and E. A., Merrick, N. Y., assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Metal container. 2,338,094; Jan. 4.

Calleson, Amos and E. A., Merrick, N. Y., assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Container and making same. 2,339,763; Jan. 25.

Calleson, Amos and E. A., Merrick, N. Y., assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Method of and apparatus for delivering sheet material to presses or the like. 2,345,656; Apr. 4.

Calleson, Amos and E. A., Merrick, N. Y., assignors, by mesne assignments, to Crown Can Company, Philadelphia, Pa. Valved container. 2,352,251; June 27.

Calleson, Edgar A. (See Calleson, Amos and E. A.)

Callow, Olaf C. (See Fox, G., Callow, and Bigelow.)

Callsen, Albert, Stuttgart, Germany; vested in the Alien Property Custodian. Starting device for internal combustion engines. 2,338,403; Jan. 4.

Callsen, Albert, Stuttgart-Botnang, and A. Weiss, Marbach A. N., Germany; vested in the Alien Property Custodian. Starter device for internal-combustion engines. 2,356,503; Aug. 22.

Callum, George H., assignor to Mishawaka Rubber and Woolen Manufacturing Company, Mishawaka, Ind. Embossing method and means. 2,339,145; Jan. 11.

Calorider Corporation, The. (See Downs, Charles B., assignor.)

Calow, Gretchen and O., Albany, N. Y. Indicator micrometer. 2,344,595; Mar. 21.

Calow, Otto. (See Calow, Gretchen and O.)

Calpat Corporation, The. (See Bodine, Albert G., Jr., assignor.)

Calumet and Hecla Consolidated Copper Company. (See Hill, Walter P., assignor.)

Calva, Jose B., St. Paul, Minn. Insecticides. 2,362,614; Nov. 14.

Calva, Jose B., assignor of one-third to G. W. Beny, St. Paul, Minn. Treating filamentous materials. 2,348,602; May 9.

Calvin, Forrest O., Kansas City, Mo., W. G. Wilson, Merriam, Kans., and T. R. Smith, Newton, Iowa, assignors to Movie-Mite Corporation, Kansas City, Mo. Sound projection optical system. 2,364,868; Dec. 5.

Cambosco Scientific Company. (See Brown, Myrl L., assignor.)

Cambridge, Robert N., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Brush-holder bracket. 2,340,039; Jan. 25.

Cambridge Rubber Company. (See Bingham, George H., Jr., assignor.)

Camburn, Elwyn A., assignor to Ronan & Kunzl, Marshall, Mich. Self-locking turnbuckle. 2,352,585; June 27.

Camden Trust Company, et al., trustees. (See Bateman, Frederic H., assignor.)

Camelford, James A., Chagrin Falls, Ohio, assignor to Alox Corporation, New York, N. Y. Separatory process. 2,348,191; May 9.

Camera Supply Company. (See Kaprelian, Edward K., assignor.)

Cameron, Alvin F. (See Wahnish, G., and Cameron.)

Cameron, Angus E., Racine, Wis., assignor to B. D. Eisendrath Tanning Co., Chicago, Ill. Hydrogen ion meter. 2,340,641; Feb. 1.

Cameron, Angus E., Racine, Wis., assignor to B. D. Eisendrath Tanning Co., Chicago, Ill. Electrode assembly. 2,340,642; Feb. 1.

Cameron, Donald G. (See Sprenger, G. W., and Cameron.)

Cameron Iron Works. (See Allen, Herbert, assignor.)

Cameron Iron Works. (See Bean, R. N., Abercrombie, and Allen.)

Cameron, Joseph A., Montreal, Quebec, Canada. Roller-bearing differential wheel. 2,360,329; Oct. 17.

Cameron, Mortimer B., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Automatic car coupler. 2,339,374; Jan. 18.

Cameron, Mortimer B., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Car coupler and train wire control system. 2,358,625; Sept. 19.

Camerota, Louis A., Burlington, assignor to Florence Pipe Foundry & Machine Company, Florence, N. J. Hydraulic press system. 2,351,317; June 13.

Camilli, Guglielmo, Pittsfield, Mass., assignor to General Electric Company. Insulated conducting member and applying the insulation. 2,350,724; June 6.

Camilli, Guglielmo, Pittsfield, Mass., assignor to General Electric Company. Electric induction apparatus. 2,352,166; June 27.

Camilli, Guglielmo, Pittsfield, Mass., assignor to General Electric Company. Insulated coil. 2,354,500; July 25.

Camilli, Guglielmo, Pittsfield, Mass., assignor to General Electric Company. Insulated coil. 2,359,544; Oct. 3.

Camin, Etienne L. A., Wilmington, Del., assignor to L. Rosen, New York, N. Y. Casting. 2,361,382; Oct. 31.

Camines, Harold, Williamsport, Pa., assignor to Aircraft Screw Products Company, Inc., Long Island City, N. Y. Coiling inserts. 2,360,047; Oct. 10.

Camp, Elza Q., Goose Creek, Tex., assignor to Standard Oil Development Company. Protection of relief valves. 2,346,727; Apr. 18.

Camp, John M., Tulsa, Okla., assignor to Standard Oil Development Company. Retractable core head. 2,345,699; Apr. 4.

Camp, Thomas P., Arlington Heights, assignor to United States Gypsum Company, Chicago, Ill. Plasterboard nail. 2,353,110; July 4.

Camp, William M., Glen Ridge, assignor to The Clark Thread Company, Newark, N. J. Coating glass thread. 2,344,494. Mar. 21.

Campbell, Allan M., Detroit, Mich. Cylinder construction. 2,362,241; Nov. 7.

Campbell, Alvin A., Hackettstown, N. J. Adjustable processing punch. 2,338,095; Jan. 4.

Campbell, Alvin A., Hackettstown, N. J. Measuring device. 2,354,197; July 25.

Campbell, Alvin A., Hackettatown, N. J. Transfer mechanism. 2,358,315; Sept. 19.

Campbell, Charles H., Hartsville, S. C., assignor to Sonoco Products Company. Undercleaner roll. 2,339,977; Jan. 25.

Campbell, Charles H., Kent, Ohio. Milling rubber. 2,359,354; Oct. 3.

Campbell, Charles T. (See Campbell, James A., assignor.)

Campbell, Clarence W., and J. A. Vanes, Terre Haute, Ind. Drag line shovel tooth. 2,360,315; Oct. 17.

Campbell, Dana A. (See Ginn, E., Casselman, and Campbell.)

Campbell, Donald J. Spring Lake, Mich. Drying cores and molds. 2,351,482; June 13.

Campbell, Donald J., Spring Lake, Mich. Method and apparatus for removing sulphur and phosphorus from molten metals. 2,355,362; Aug. 8.

Campbell, Donald L. (See Murphree, E. V., Tyson, Campbell, and Martin.)

Campbell, Donald L., Roselle Park, and G. B. Cook, Summit, N. J., assignors to Standard Oil Development Company. Reaction chamber. 2,340,930; Feb. 8.

Campbell, Erwin A. (See Woolslayer, H. J., Campbell, and Jenkins.)

Campbell, Frank P., Cheverly, Md. Typing machine for preparing matter for printing. 2,338,489; Jan. 4.

Campbell, George D. (See Halbach, H. L., Campbell, and Kompal.)

Campbell, George H., assignor to Solar Laboratories, Beaver, Pa. Process and apparatus for decorating articles of manufacture. 2,340,643; Feb. 1.

Campbell, George H., assignor to Solar Laboratories, Beaver, Pa. Apparatus for decorating. 2,359,825; Oct. 10.

Campbell, George V. (See Kauffman, T., Jr., and Campbell.)

Campbell, Harris S., Bryn Athyn, assignor to Autogiro Company of America, Willow Grove, Pa. Aircraft of the type equipped with sustaining rotors. 2,339,836; Jan. 25.

Campbell, Harris S., Bryn Athyn, assignor to Autogiro Company of America, Willow Grove, Pa. Aircraft equipped with sustaining rotors. 2,344,966; Mar. 28.

Campbell, Horatio G., and G. D. Skinner, London, England. Combined lighting and air conditioning system. 2,359,021; Sept. 26.

Campbell, James A., Oakland, Calif., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Drain valve mechanism. 2,345,379; Mar. 28.

Campbell, James A., assignor of one-half to C. T. Campbell, Adrian, Mich. Stool. 2,364,191; Dec. 5.

Campbell, James H., Ontario, Calif., assignor to General Electric Company. Heating device. 2,340,612; May 23.

Campbell, John, and K. A. Taylor, Glens Falls, N. Y., assignors to International Paper Company. Apparatus for coating. 2,344,232; Mar. 14.

Campbell, John B., Glace Bay, Nova Scotia, Canada. Electrical connector. 2,338,281; Jan. 4.

Campbell, John G., Houston, assignor to R. H. Fash, trustee, Fort Worth, Tex. Detecting the penetration of an oil-bearing horizon. 2,361,261; Oct. 24.

Campbell, John H., Cleveland Heights, Ohio, assignor to General Electric Company. Circuit for electric discharge devices. 2,359,545; Oct. 3.

Campbell, Joseph W., Paterson, N. J. Mold for spliced cable joints. 2,357,998; Sept. 12.

Campbell, Julian A., Long Beach, Calif. Pulsation dampener. 2,339,457; Jan. 18.

Campbell, Julian A., Long Beach, Calif. Boiler feed water control. 2,355,270; Aug. 8.

Campbell, Leon W., Hendersonville, N. C. Drawing roll for spinning frames. 2,352,167; June 27.

Campbell, Mark E., Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Amplifier circuit. 2,356,446; Aug. 22.

Campbell, Oliver F., Whiting, Ind., assignor to Sinclair Refining Company, New York, N. Y. Fuel burner. 2,363,942; Nov. 28.

Campbell, Richard H., assignor to Webster Electric Company, Racine, Wis. Communication system. 2,339,678; Jan. 18.

Campbell, Richard H., assignor to Webster Electric Company, Racine, Wis. Communication system. 2,347,079; Apr. 18.

Campbell, Richard H., assignor to Webster Electric Company, Racine, Wis. Communication system. 2,347,080; Apr. 18.

Campbell, Richard L. (See Rutherford, R. E., and Campbell.)

Campbell, Richard L., Maywood, assignor to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Electronic view finder. 2,347,933; May 2.

Campbell, Rodney B., North Hollywood, assignor to J. Eley, Jr., Los Angeles, Calif. Selector valve with automatic return. 2,342,450; Feb. 22.

Campbell, Rodney B., North Hollywood, assignor to J. Eley, Jr., Los Angeles, Calif. Sequence valve. 2,343,495; Mar. 7.

Campbell, Rodney B., North Hollywood, assignor to John Eley, Jr., Los Angeles, Calif. Four-way selector valve. 2,363,481; Nov. 28.

Campbell, Rouel R., Lynn, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine for inking edges of shoe parts. 2,349,245; May 23.

Campbell, Rouel R., Lynn, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine for ornamenting shoe uppers. 2,351,660; June 20.

Campbell-Taggart Research Corporation. (See Claus, Wilbur S., assignor.)

Campbell-Taggart Research Corporation. (See Comaschi, Louis J., assignor.)

Campbell, Talmage D., Ocala, Fla. Paper clip board. 2,340,931; Feb. 8.

Campbell, Thomas A. (See Beretish, W. H., and Campbell.)

Campbell, Thomas A., assignor to Stewart-Warner Corporation, Chicago, Ill. Coupler. 2,362,880; Nov. 14.

Campbell, William E., Jr., Taft, assignor to Standard Oil Company of California, San Francisco, Calif. Nonaqueous drilling fluid. 2,363,499; Nov. 28.

Campbell, William P., Newark, assignor to Hercules Powder Company, Wilmington, Del. Dehydroabietic acid derivatives. 2,359,826; Oct. 10.

Campbell, Willard S., Hampshire, Ill., assignor, by mesne assignments, to Cherry-Burrell Corporation, Chicago, Ill. Cover and can handling device. 2,351,806; June 20.

Campion, James F., Freeport, N. Y. Roll-up door. 2,349,702; May 23.

Campo Shoe Machinery Corporation. (See Crandell, Ervin L., assignor.)

Camras, Marvin, and W. Korzon, assignors to Armour Research Foundation, Chicago, Ill. Recording and reproducing of vibrations. 2,351,003; June 13.

Camras, Marvin, assignor to Armour Research Foundation, Chicago, Ill. Magnetic recording. 2,351,004; June 13.

Camras, Marvin, assignor to Armour Research Foundation, Chicago, Ill. Magnetic recorder. 2,351,005; June 13.

Camras, Marvin, assignor to Armour Research Foundation, Chicago, Ill. Magnetic recording head. 2,351,006; June 13.

Camras, Marvin, assignor to Armour Research Foundation, Chicago, Ill. Magnetic recording head. 2,351,007; June 13.

Camras, Marvin, assignor to Armour Research Foundation, Chicago, Ill. Neutralizing inductive disturbances in magnetic reproducers. 2,351,008; June 13.

Camras, Marvin, assignor to Armour Research Foundation, Chicago, Ill. Combination oscillator coil and erasing head for magnetic recorders. 2,351,009; June 13.

Camras, Marvin, assignor to Armour Research Foundation, Chicago, Ill. Controlling high frequency voltage in magnetic recorder heads. 2,351,010; June 13.

Camras, Marvin, assignor to Armour Research Foundation, Chicago, Ill. Energizing magnetic recorder heads. 2,351,011; June 13.

Canadian Car & Foundry Company Limited. (See Bottrill, David H., assignor.)

Canadian International Paper Company. (See Daley, Stewart N., assignor.)

Canal National Bank of Portland, The. (See Randall, Walter H., assignor.)

Canal National Bank of Portland, The, trustee. (See Sawyer, Edward E., assignor.)

Candee, Allan H., assignor to Gleason Works, Rochester, N. Y. Method of and apparatus for cutting gears. 2,361,599; Oct. 31.

Candee, Andrew H., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Multiple-unit train. 2,342,724; Feb. 29.

Candor, Robert R., Oakwood, assignor to General Motors Corporation, Dayton, Ohio. Timing apparatus. 2,361,262; Oct. 24.

Canetta, John, Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Sanding control means. 2,352,252; June 27.

Canetta, John, Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Drain valve apparatus. 2,361,084; Oct. 24.

Cann, Harry E., West Chester, Pa. Cabinet for housing auxiliary electrical equipment. 2,345,792; Apr. 4.

Cann, Ralph W., Cheyenne, Wyo. Strainer. 2,357,500; Sept. 5.

Canney, Duncan E. F., Bentham, assignor to The Sillick Holding Company, Limited, Newcastle-upon-Tyne, Northumberland, England. Manufacture of hose pipes. 2,353,387; July 11.

Canney, Duncan E. F., and M. Balkin, Bentham, Lancaster, assignors to The Sillick Holding Company Limited, Newcastle-upon-Tyne, England. Apparatus for coating textile hose. 2,362,881; Nov. 14.

Canning, William P., assignor to American Optical Company, Southbridge, Mass. Lens holder. 2,352,616; July 4.

Canning, William P., assignor to American Optical Company, Southbridge, Mass. Otoscope. 2,361,744; Oct. 31.

Cannon, Earl, Rockville Centre, assignor to E. W. Bliss Company, Brooklyn, N. Y. Apparatus for controlling the slide movement in long-bed hydraulic presses. 2,353,388; July 11.

Cannon, Earl, Rockville Center, assignor to E. W. Bliss Company, Brooklyn, N. Y. Apparatus for controlling the slide movement in long-bed hydraulic pfesses. 2,353,389; July 11.

Cannon, George E. (See Blau, L. W., and Cannon.)

Cannon, George E. (See Moore, T. V., and Cannon.)

Cannon, Ralph S., Jr., Falls Church, Va., and K. J. Murata, Washington, D. C. Estimating molybdenum content of scheelite or calcium tungstate by visual color of its fluorescence. 2,346,661; Apr. 18.

Cannon, William D., Metuchen, and L. B. Wheeler, Chatham, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Electronic telegraph repeater. 2,341,902; Feb. 15.

Cantello, Dominic and G., Streator, Ill. Safety fuel tank. 2,365,624; Dec. 19.

Cantello, Gaetano. (See Cantello, Dominic and G.)

Canter, Morris, New York, N. Y. Hand compression tool for dies and cutters. 2,343,953; Mar. 14.

Cantley, Joseph C., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Finishing tool. 2,353,646; July 18.

Cantley, Joseph C., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Clutch. 2,357,874; Sept. 12.

Cantor, Abraham, Philadelphia, Pa. Apparatus for the growth of micro-organisms. 2,361,992; Nov. 7.

Cantor, Abraham, and H. A. Shelanski, Philadelphia, Pa. Receptacle closure. 2,364,126; Dec. 5.

Cantor, Sidney M., Riverside, and K. C. Hobbs, Berwyn, Ill., assignors to Corn Products Refining Company, New York, N. Y. Conversion of dextrose to levulose. 2,354,664; Aug. 1.

Cantrell, Marvin L. (See Boyce, W. S., and Cantrell.)

Cantrell, Marvin L., and F. S. Shray, Pueblo, assignors to The Colorado Fuel and Iron Corporation, Denver Colo. Rail fastening. 2,357,629; Sept. 5.

Cantrell, Marvin L., and O. A. Hed, Pueblo, assignors to The Colorado Fuel and Iron Corporation, Denver, Colo. Rail fastening. 2,357,808; Sept. 12.

Cantrell, Troy L. (See Smith, H. G., and Cantrell.)

Cantrell, Troy L. (See Smith, H. G., Cantrell, and Peters.)

Cantwell, John D., Detroit, Mich., assignor to The Trane Company, La Crosse, Wis. Heat exchange unit. 2,362,955; Nov. 14.

Cape, Arthur T., Santa Cruz, Calif., and C. V. Foerster, assignors to Coast Metals, Inc., Canton, Ohio. Ferrous alloy. 2,343,643; Mar. 7.

Cape, Arthur T., Santa Cruz, Calif., assignor to Coast Metals, Inc., Canton, Ohio. Ferrous alloy. 2,355,271; Aug. 8.

Capehart, Homer E. (See Lannerd, Paul U., assignor.)

Capewell Manufacturing Company, The. (See Morgan, Porter S., assignor.)

Caplan, Solomon, New York, N. Y., assignor to Harvel Research Corporation. Polymerizing fraction of gashouse oil drip containing indene and coumarone. 2,338,229; Jan. 4.

Caplan, Solomon, New York, N. Y., and W. F. Schaufelberger, Irvington, N. J., assignors to The Harvel Corporation. Composition of styrene and a polymer. 2,338,230; Jan. 4.

Caplan, Solomon, New York, N. Y., and W. F. Schaufelberger, Irvington, N. J., assignors to The Harvel Corporation. Aldehyde reaction product of styrene and a polymer. 2,338,231; Jan. 4.

Caplan, Solomon, New York, N. Y., and M. T. Harvey, South Orange, N. J., assignors to Harvel Research Corporation. Furfuraldehyde-ketone-formaldehyde reaction product and making same. 2,363,829; Nov. 28.

Caplan, Solomon, New York, N. Y., assignor to Harvel Research Corporation. Compositions of rubber and gelled solution of shellac in a glycol. 2,362,538; Nov. 14.

Caplin, Frank, Bournemouth, and C. E. Payne, Mitcham, England, assignors to Radio Corporation of America, New York, N. Y. Band-spread tuning circuit for radio receivers. 2,354,104; July 18.

Capolupo, Vincent, Boston, Mass. Cutting device. 2,356,378; Aug. 22.

Capon, Victor, Los Angeles, Calif. Measuring instrument. 2,364,127; Dec. 5.

Capra, Benedetto G., Sacramento, Calif. Wire tightening tool. 2,362,112; Nov. 7.

Caprio, Amerigo F., Madison, N. J., assignor, by mesne assignments, to Celanese Corporation of America. Imitation mother-of-pearl. 2,363,570; Nov. 28.
Caps, Arthur W. (See Landrock, P., and Caps.)
Caps, Arthur W., and P. Landrock, Rochester, N. Y., assignors to Photostat Corporation, Providence, R. I. Photographic print treating apparatus. 2,349,337; May 23.
Capstaff, John G., assignor to Eastman Kodak Company, Rochester, N. Y. Film processing machine. 2,353,219; July 11.
Caracciolo, Genarro. (See Caracciolo, Joseph P., F., and G.)
Caracciolo, Joseph P., F., and G.; said J. P. Caracciolo, assignor to L. C. Caracciolo, Trenton, N. J. Photographic apparatus. 2,351,399; June 13.
Caracciolo, Lucy C. (See (Caracciolo, Joseph P., assignor), and F. and G.)
Caracristi, Virginius Z. (See Kreisinger, H., and Caracristi.)
Carbaugh, Archie L., Aitch, Pa. Grain storage bin. 2,342,529; Feb. 22.
Carbide and Carbon Chemicals Corporation. (See Bayes, Alfred L., assignor.)
Carbide and Carbon Chemicals Corporation. (See Benedict, Donald B., assignor.)
Carbide and Carbon Chemicals Corporation. (See Boese, Albert B., Jr., assignor.)
Carbide and Carbon Chemicals Corporation. (See Carruthers, T. F., and Kiefer, assignors.)
Carbide and Carbon Chemicals Corporation. (See Chitwood, Henry C., assignor.)
Carbide and Carbon Chemicals Corporation. (See Clapsadle, L. J., and Graham, assignors.)
Carbide and Carbon Chemicals Corporation. (See Coe, John M., assignor.)
Carbide and Carbon Chemicals Corporation. (See Douglas, Stuart D., assignor.)
Carbide and Carbon Chemicals Corporation. (See Downes, Alfred W., assignor.)
Carbide and Carbon Chemicals Corporation. (See Downes, A. W., and Kernan, assignors.)
Carbide and Carbon Chemicals Corporation. (See Feild, Theophilus A., Jr., assignor.)
Carbide and Carbon Chemicals Corporation. (See Ferrer, J. P., and Douglas, assignors.)
Carbide and Carbon Chemicals Corporation. (See Harshberger, Norman P., assignor.)
Carbide and Carbon Chemicals Corporation. (See Kratz, Edouard M., assignor.)
Carbide and Carbon Chemical Corporation. (See MacDowell, L. G., and McNamee, assignors.)
Carbide and Carbon Chemicals Corporation. (See McNamee, R. W., and Dunn, assignors.)
Carbide and Carbon Chemicals Corporation. (See Merrill, L. K., and Wheeler, assignors.)
Carbide and Carbon Chemicals Corporation. (See Murray, I. L., and Edmonds, assignors.)
Carbide and Carbon Chemicals Corporation. (See Plewes, Argyle C., assignor.)
Carbide and Carbon Chemicals Corporation. (See Powell, G. M., and McKnight, assignors.)
Carbide and Carbon Chemicals Corporation. (See Rugeley, Edward W., assignor.)
Carbide and Carbon Chemicals Corporation. (See Rugeley, E. W., and Feild, assignors.)
Carbide and Carbon Chemicals Corporation. (See Rugeley, E. W., Feild, and Conlon, assignors.)
Carbide and Carbon Chemicals Corporation. (See Rugeley, E. W., and Quattlebaum, assignors.)
Carbide and Carbon Chemicals Corporation. (See Schuh, Charles H., assignor.)
Carbide and Carbon Chemicals Corporation. (See Strother, C. O., and Patton, assignors.)
Carbide and Carbon Chemicals Corporation. (See Toussaint, W. J., and MacDowell, assignors.)
Carbide and Carbon Chemicals Corporation. (See Wilson, Alexander L., assignor.)
Carboloy Company. (See Perry, George A., assignor.)
Carboloy Company. (See Taylor, George F., assignor.)
Carborundum Company, The. (See Argy, E. T., and Foss, assignors.)
Carborundum Company, The. (See Baumann, H. N., Jr., and Benner, assignors.)
Carborundum Company, The. (See Benner, R. C., and Soley, assignors.)
Carborundum Company, The. (See Benner, R. C., and Upper, assignors.)
Carborundum Company, The. (See Geiger, C. F., Clapp, and Keupf, assignors.)
Carborundum Company, The. (See Houchins, Henry R., assignor.)
Carborundum Company, The. (See Hutchins, Otis, assignor.)
Carborundum Company, The. (See Martin, Harry C., assignor.)
Carborundum Company, The. (See Martin, H. C., and Aust, assignors.)
Carborundum Company, The. (See Mays, James C., assignor.)
Carborundum Company, The. (See McMullen, John C., assignor.)
Carborundum Company, The. (See Melton, R. L., and Ball, assignors.)
Carborundum Company, The. (See Melton, R. L., and Benner, assignors.)
Carborundum Company, The. (See Melton, R. L., Kirchner, and Benner, assignors.)
Carborundum Company, The. (See Roble, Norman P., assignor.)
Carborundum Company, The. (See Smith, Robert L., assignor.)
Carborundum Company, The. (See Swentzel, John P., assignor.)
Carborundum Company, The. (See Van Nimwegen, Garret, assignor.)
Carborundum Company, The. (See Wooddell, Charles E., assignor.)
Car Cruiser Caravans Limited. (See Fleming-Williams, Clifford R., assignor.)
Cardarelli, Victor A., Sr., Boston, Mass. Joint for metal sheets. 2,360,107; Oct. 10.
Cardell, James, Auburndale, assignor to Raytheon Production Corporation, Newton, Mass. Insulating coating for electrical space discharge tube elements. 2,338,701; Jan. 11.
Carden, Elizabeth M., Beauport East, Quebec, Canada. Diaper. 2,366,002; Dec. 26.
Cardinal, Oliver V., assignor to Evans Products Company, Detroit, Mich. Universal joint and rodding and making. 2,355,781; Aug. 15.
Cardini, George, New York, N. Y., and W. H. Davis, Nashua, N. H.; said Davis assignor to C. L. Fish, Pepperell, Mass., trustee, and said Cardini assignor of sixty-six and two-thirds per cent of his share to A. A. Calandra, Newark, N. J., trustee. Hand grenade. 2,365,246; Dec. 19.
Cardox Corporation. (See Myers, Leonard D., assignor.)
Cardwell, Harland W., assignor to Cardwell Manufacturing Company, Inc., Wichita, Kans. Power take-off. 2,355,272; Aug. 8.
Cardwell, James R. (See Sproul, Donald F., assignor.)
Cardwell Manufacturing Company. (See Brown, G. G., and Haupt, assignors.)
Cardwell Manufacturing Company. (See Cardwell, Harland W., assignor.)
Cardwell, William T., Jr., Whittier, Calif., assignor to Standard Oil Company of California, San Francisco, Calif. Suspendometer. 2,348,520; May 9.
Cardwell, William T., Jr., Whittier, assignor to Standard Oil Company of California, San Francisco, Calif. Measuring liquid density. 2,360,546; Oct. 17.
Carew, Herman, Easton, Pa., assignor to Dixie Cup Company. Container and closure cap therefor. 2,351,318; June 13.
Carew, Herman, Easton, Pa., assignor to Dixie Cup Company. Container making machine. 2,352,369; June 27.
Carey, Claude H., assignor to Atlas Powder Company, Wilmington, Del. Explosive composition. 2,345,582; Carey McFall Company. (See Stuber, Walter J., assignor.)
Carey, Philip, Manufacturing Company, The. (See Anderson, Frank W., assignor.)
Carey, Philip, Manufacturing Company, The. (See Greider, H. W., and MacArthur, assignors.)
Carey, Philip, Manufacturing Company, The. (See Greider, H. W., and Young, assignors.)
Carey, Philip, Manufacturing Company, The. (See MacArthur, R. A., and Greider, assignors.)
Carey, Philip, Manufacturing Company, The. (See Marc, Henri M., assignor.)
Cargile, Nell H., Nashville, Tenn. Coal-gas stove or heater. 2,350,546; June 6.
Cargill, George R., Medford, Mass. Convertible sprayer. 2,344,233; Mar. 14.
Cargille, Ralph P., Kearny, N. J. Spot-test plate. 2,363,773; Nov. 28.
Carico, Harry B. (See Bouhuys, A. G., and Carico.)
Carington, Charles M., and G. W. Shoobert, London, England. Sparking plug. 2,342,360; Feb. 22.
Carls, Darl F., Dearborn, and A. D. McDuffie, Berkeley, assignors to General Motors Corporation, Detroit, Mich. Engine blower control. 2,356,379; Aug. 22.
Carithers, James H., Bentonville, Ark. Multiple clip magazine for rifles. 2,345,031; Mar. 28.
Carlss, Carington C., assignor to Waterous Limited, Brantford, Ontario, Canada. Boiler construction. 2,358,626; Sept. 19.
Carl, John W., assignor to Iron Fireman Manufacturing Company, Portland, Oreg. Apparatus for burning coking coal. 2,364,269; Dec. 5.
Carleton, Henry, Rockville, Md. Control circuit. 2,359,747; Oct. 10.
Carley Heater Company. (See Buckley, Milford A., assignor.)
Carlile & Doughty, Incorporated. (See Doughty, Leon A., assignor.)
Carlin, Alexander. (See Lind, A. C., and Carlin.)
Carlin, Alexander, assignor to National Automotive Fibres, Incorporated, Detroit, Mich. Hand tool. 2,358,142; Sept. 12.
Carlin, Clarence J., Shaker Heights, Ohio. License plate mounting for autos, etc. 2,349,703; May 23.
Carlin Comforts, Inc. (See May, Walter H., assignor.)
Carlile & Doughty, Incorporated. (See Doughty, Leon A., assignor.)

Carlin, James C., Norristown, assignor to Lee Rubber & Tire Corporation, Conshohocken, Pa. Bias-cut fabric assembly for tire manufacture. 2,340,040; Jan. 25.
Carlin, James C., Norristown, assignor to Lee Rubber & Tire Corporation, Conshohocken, Pa. Feeding mechanism for tire building. 2,343,954; Mar. 14.
Carlin, Morton A., New York, N. Y. Ribbon cutting apparatus. 2,353,390; July 11.
Carlisle, Richard W., assignor to Sonotone Corporation, Elmsford, N. Y. Bone conduction receiver. 2,339,148; Jan. 11.
Carlisle, Richard W., assignor to Sonotone Corporation, Elmford, N. Y. Microphone. 2,351,400; June 13.
Carlisle, Richard W., Elmsford, and A. J. Mastropole, New York, assignors to Sonotone Corporation, Elmsford, N. Y. Electrical connector. 2,339,146; Jan. 11.
Carlisle, Richard W., Elmsford, and A. J. Mastropole, New York, assignors to Sonotone Corporation, Elmsford, N. Y. Electrical connector plug. 2,339,147; Jan. 11.
Carlisle, Richard W., Elmsford, and A. J. Mastropole, New York, assignors to Sonotone Corporation, Elmsford, N. Y. Earphone. 2,344,023; Mar. 14.
Carlisle, Vernon R., Kenosha, Wis. Safety device for vehicle passengers. 2,365,625; Dec. 19.
Carlisle, Vernon R., Kenosha, Wis. Safety holding device for vehicles. 2,365,626; Dec. 19.
Carlisle, William A., Jr. (See Goss, Worth C., assignor.)
Carlas, Oswald S., Fairfield, assignor to The Kron Company, Bridgeport, Conn. Load sharing scale and batching apparatus. 2,343,000; Feb. 29.
Carlss, Oswald S., Fairfield, assignor, by mesne assignments, to The Yale & Towne Manufacturing Company, Stamford, Conn. Weighing pendulum and recorder disk assembly. 2,354,301; July 25.
Carlss, Oswald S., Fairfield, assignor, by mesne assignments, to The Yale & Towne Manufacturing Company, Stamford, Conn. Load weighing lift truck. 2,358,770; Sept. 19.
Carloni, Joseph F., Harrisburg, Pa. Automobile recorder. 2,345,657; Apr. 4.
Carlsen, Leonard O., assignor to Gleason Works, Rochester, N. Y. Machine for producing gears. 2,339,679; Jan. 18.
Carlsen, Leonard O., assignor to Gleason Works, Rochester, N. Y. Work support. 2,349,537; May 23.
Carlsen, Leonard O., assignor to Gleason Works, Rochester, N. Y. Gear-cutting machine. 2,352,689; July 4.
Carlsen, Leonard O., assignor to Gleason Works, Rochester, N. Y. Cutting gears. 2,358,442; Sept. 19.
Carlsen, Leonard O., assignor to Gleason Works, Rochester, N. Y. Gear-cutting tool. 2,358,489; Sept. 19.
Carlsen, Leonard O., assignor to Gleason Works, Rochester, N. Y. Dressing mechanism. 2,363,293; Nov. 21.
Carlsen, Leonard O., Rochester, and O. A. Johnson, Irondequoit, assignors to Gleason Works, Rochester, N. Y. Machine for producing gears. 2,354,181; July 25.
Carlson, Arthur H. (See Holland, C. J., and Carlson.)
Carlson, Arthur W., Worcester, Mass. Device for inflating balloons and the like. 2,343,276; Mar. 7.
Carlson, Bert G., Erieside, assignor to Jack & Heintz, Inc., Bedford, Ohio. Signal for caging devices for gyros. 2,360,935; Oct. 24.
Carlson, Bert G., Erieside, assignor to Jack & Heintz, Inc., Bedford, Ohio. Aircraft control device. 2,364,128; Dec. 5.
Carlson, Bert G. (See Heintz, R. M., and Carlson.)
Carlson, Bert G., Erieside, assignor to Jack & Heintz, Inc., Cleveland, Ohio. Automatic bank control. 2,340,041; Jan. 25.
Carlson, Bert G., Erieside, assignor to Jack & Heintz, Inc., Bedford, Ohio. Horizon gyro. 2,344,126; Mar. 14.
Carlson, Bert G., Erieside, assignor to Jack & Heintz, Inc., Bedford, Ohio. Directional gyro instrument. 2,345,915; Apr. 4.
Carlson, Bert G., Erieside, assignor to Jack & Heintz, Inc., Bedford, Ohio. Housing and caging unit assembly for gyros. 2,348,603; May 9.
Carlson, Bert G., Erieside, assignor to Jack & Heintz, Inc., Bedford, Ohio. Horizon gyro. 2,348,604; May 9.
Carlson, Bert G., Erieside, assignor to Jack & Heintz, Inc., Bedford, Ohio. Self-aligning and temperature compensating rotor bearing assembly. 2,352,460; June 27.
Carlson, Bert G., Erieside, assignor to Jack & Heintz, Inc., Bedford, Ohio. Self-aligning gear assembly. 2,355,144; Aug. 8.
Carlson, Bert G., Erieside, assignor to Jack & Heintz, Inc., Bedford, Ohio. Flight instrument. 2,357,381; Sept. 5.
Carlson, Bert G., Erieside, Ohio, and G. Tyler, Seattle, Wash., assignors to Jack & Heintz, Inc., Bedford, Ohio. Metering device. 2,354,244; July 25.
Carlson, Chester F., Jackson Heights, N. Y., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Welding apparatus. 2,355,145; Aug. 8.
Carlson, Chester F., Jackson Heights, N. Y. Electrophotographic apparatus. 2,357,809; Sept. 12.
Carlson, Cleo D. (See Livak, J. E., and Carlson.)
Carlson, Drexel T. (See Andaliklewicz, B. A., and Carlson.)
Carlson, Earl C., Pittsburgh, and D. F. Sharp, New Kensington, Pa. Waste pickle liquor disposal. 2,350,095; May 30.
Carlson, Elmer, East Palestine, Ohio. Plant receptacle. 2,344,202; Mar. 14.
Carlson, Elmer T., South Fort Mitchell, Ky., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Bus bar duct support. 2,341,311; Feb. 8.
Carlson, Elmer T., Fort Mitchell, Ky., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Electric power distribution system. 2,341,841; Feb. 15.
Carlson, Elmer T., Fort Mitchell, Ky., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Electrical distribution system. 2,363,396; Nov. 21.
Carlson, Elmer T., Wyoming, Ohio, assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Bus bar connecting clamp. 2,357,171; Aug. 29.
Carlson, Elmer T., Fort Mitchell, and W. C. Anderson, Bromley, Ky., assignors to The Trumbull Electric Manufacturing Company, Plainville, Conn. Bus duct system. 2,339,600; Jan. 18.
Carlson, Emil, Detroit, Mich. Power driven operating means for extensible and retractible aerials. 2,346,728; Apr. 18.
Carlson, Emil, assignor to Pioneer Specialty Company, Detroit, Mich. Antenna construction. 2,349,406; May 23.
Carlson, Ejnar W. (See Zimmer, J. C., and Carlson.)
Carlson, Eric W. (See Scott, H. A., and Carlson.)
Carlson, George, et al., trustees. (See Hedlund, Folke G. H., assignor.)
Carlson, George W., Minneapolis, Minn., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 2,355,053; Aug. 8.
Carlson, George W., Reno, Nev. Earth moving and material handling. 2,360,316; Oct. 17.
Carlson, Gustaf H. (See Tishler, M., and Carlson.)
Carlson, Gustaf H., and D. T. Rogers, Pearl River, assignors to Lederle Laboratories, Inc., New York, N. Y. Parenteral solution of anti-hemorrhagic compounds. 2,354,738; Aug. 1.
Carlson, Gustaf H., Pearl River, assignor to Lederle Laboratories, Inc., New York, N. Y. Preparation of β-alanine amide by reduction of cyanoacetamide. 2,354,909; Aug. 1.
Carlson, Gustaf H., Pearl River, and B. R. Baker, Nanuet, assignors to Lederle Laboratories, Inc., New York, N. Y. Mono-glycosides of 2-methyl-1,4-naphthohydroquinone. 2,357,172; Aug. 29.
Carlson, Gustave A., Detroit, Mich. Polishing and buffing machine. Re. 22,539; Sept. 5.
Carlson, Harold A., University City, and A. N. Szwargulski, assignors to Carter Carburetor Corporation, St. Louis, Mo. Carburetor. 2,339,320; Jan. 18.
Carlson, John W., assignor to Automatic Canteen Company of America, Chicago, Ill. Selective mixing assembly. 2,346,290; Apr. 11.
Carlson, Ora E., et al. (See Kogl, Frank, assignor.)
Carlson, Oscar F., Kenilworth, Ill. Pressure and temperature relief valve. 2,351,190; June 13.
Carlson, Otto M., assignor to Crane Co., Chicago, Ill. Weld fabricated valve. 2,363,943; Nov. 28.
Carlson, Ralph G., assignor to Crane Co., Chicago, Ill. Valve. 2,346,904; Apr. 18.
Carlson, Sven R., Floral Park, N. Y. Lathe spindle stop. 2,361,085; Oct. 24.
Carlson, Thorwald A. (See Markwardt, L. J., and Carlson.)
Carlson, Vernon E., and P. T. Hahn, assignors to Eureka Vacuum Cleaner Company, Detroit, Mich. Socket. 2,357,311; Sept. 5.
Carlson, Vernon E., Short Hills, assignor to Aircraft-Marine Products, Inc., Elizabeth, N. J. Tool for making electrical connectors. 2,359,083; Sept. 26.
Carlson, Vernon E., Short Hills, assignor to Aircraft-Marine Products Inc., Harrisburg, Pa. Crimping die for electrical connectors. 2,359,084; Sept. 26.
Carlson, Walter H., et al. (See Kogl, Frank, assignor.)
Carlson, Warner W. (See Stahly, G. L., and Carlson.)
Carlson, Wendell L., Haddonfield, N. J., assignor to Radio Corporation of America. Frequency modulation signal system. 2,358,382; Sept. 19.
Carlson, Wendell L., Haddonfield, N. J., and D. S. Bond, Philadelphia, Pa., assignors to Radio Corporation of America. Self-orienting radio direction finder. 2,360,810; Oct. 17.
Carlson, Wendell L., Haddonfield, N. J., assignor to Radio Corporation of America. Low loss tuning apparatus. 2,363,641; Nov. 28.
Carlson, Wilbur L., Rochester, N. Y., assignor to General Motors Corporation, Detroit, Mich. Magneto unit. 2,354,302; July 25.
Carlson, William L., Green Bay, Wis. Automatic clutch controlled prime mover. 2,361,086; Oct. 24.
Carlton, Quintin H. (See Clench, E. C. S., and Carlton.)
Carlton, Quintin H., assignor to Automotive Products Company Limited, Leamington Spa, England. Fluid pressure remote control system. 2,352,470; June 27.
Carlton, Quintin H., assignor to Automotive Products Company Limited, London, England. Locking device for remote control and other force-transmitting systems. 2,365,247; Dec. 19.

Carlton, Richard P., and B. J. Oakes, assignors to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Resin bonded abrasive sheet material. 2,347,662; May 2.

Carlzen, Carl F. (See Trotter, J. C., and Carlzen.)

Carman, Everett F., Rutherford, N. J., and W. H. Mears, assignors to Interchemical Corporation, New York, N. Y. Printing inks. 2,361,009; Oct. 24.

Carmichael, Asa D., Tujunga, Calif. Combination garter, tourniquet, and first aid kit. 2,339,239; Jan. 18.

Carmichael, Asa B., Tujunga, Calif. Apparatus for performing circumcisions. 2,353,647; July 18.

Carmichael, Asa B., Tujunga, Calif. Apparatus for electrolytically producing oxygen and hydrogen. 2,365,330; Dec. 19.

Carmina, Alfred R., Brooklyn, N. Y. Gauging and sorting machine. 2,344,596; Mar. 21.

Carmody, Don R., Whiting, Ind., and B. L. Evering, and E. L. d'Ouville, assignors to Standard Oil Company, Chicago, Ill. Hydrocarbon conversion. 2,354,652; Aug. 1.

Carmody, Don R., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Conversion of hydrocarbons. 2,361,600; Oct. 31.

Carmody, Henry F., et al. (See McLeod, James K., assignor.)

Carmody Research Laboratories, Inc. (See Carmody, W. H., assignor.)

Carmody, W. H., Springfield, Ohio, assignor to Carmody Research Laboratories, Inc. Chewing gum resin bases. 2,366,086; Dec. 26.

Carnagua, Harold E., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Transmission control. 2,351,483; June 13.

Carnagua, Harold E., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Control mechanism for transmissions. 2,360,646; Oct. 17.

Carnahan, John W., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Glass forming machine. 2,357,501; Sept. 5.

Carnahan, Orson A., Syracuse, N. Y. Hydraulically balanced bearing. 2,347,663; May 2.

Carnation Company. (See Henszey, R. O., and Smart, assignors.)

Carnauh, Boruk, Paris, France; vested in the Alien Property Custodian. Disinfecting product and process for its manufacture and application. 2,351,924; June 20.

Carnegie-Illinois Steel Corporation. (See Ashton, William A., assignor.)

Carnegie-Illinois Steel Corporation. (See Asimow, M., Craig, and Gravenstretter, assignors.)

Carnegie-Illinois Steel Corporation. (See Braun, K. F., and Griffiths, assignors.)

Carnegie-Illinois Steel Corporation. (See Brown, William D., assignor.)

Carnegie-Illinois Steel Corporation. (See Cushwa, C. B., Jr., and Greulich, assignors.)

Carnegie-Illinois Steel Corporation. (See Eddy, F. R., and Huffington, assignors.)

Carnegie-Illinois Steel Corporation. (See Gensamer, Maxwell, assignor.)

Carnegie-Illinois Steel Corporation. (See Greulich, Gerald G., assignor.)

Carnegie-Illinois Steel Corporation. (See Grossett, William W., assignor.)

Carnegie-Illinois Steel Corporation. (See Houk, Mansel E., assignor.)

Carnegie-Illinois Steel Corporation. (See John, Henry, assignor.)

Carnegie-Illinois Steel Corporation. (See Lewis, John D., assignor.)

Carnegie-Illinois Steel Corporation. (See Mauger, A. J., and Ward, assignors.)

Carnegie-Illinois Steel Corporation. (See McIntire, Hoy O., assignor.)

Carnegie-Illinois Steel Corporation. (See Muddiman, Earll R., assignor.)

Carnegie-Illinois Steel Corporation. (See Mursch, William H., assignor.)

Carnegie-Illinois Steel Corporation. (See Sturdy, John, assignor.)

Carnegie-Illinois Steel Corporation. (See Taylerson, T. S., assignor.)

Carnegie-Illinois Steel Corporation. (See Wells, J. H., and Wilson, assignors.)

Carnegie-Illinois Steel Corporation. (See Wilson, P. J., Jr., and Wells, assignors.)

Carner, George M., assignor to G. E. McKewen, Sr., Baltimore, Md. Combination for supporting, restraining, and protecting a child when seated at a table. 2,362,465; Nov. 14.

Carney, Clifford R., assignor to General Motors Corporation, Detroit, Mich. Ice tray. 2,348,956; May 16.

Carney, Clifford R., assignor to General Motors Corporation, Detroit, Mich. Manufacturing refrigerator shelves. 2,350,675; June 6.

Carney, Lyna A., assignor to Wingfoot Corporation, Akron, Ohio. Lap joint. 2,343,106; Feb. 29.

Carney, Samuel C., Bartlesville, Okla., assignor to Phillips Petroleum Company. Absorption oil reclamation. 2,339,680; Jan. 18.

Carney, Samuel C., Bartlesville, Okla., assignor to Phillips Petroleum Company. Separation apparatus. 2,343,401; Mar. 7.

Carney, Samuel C., Bartlesville, Okla., assignor to Phillips Petroleum Company. Testing carbon black. 2,355,146; Aug. 8.

Carney, William G., South Bend, Ind. Fluorescent tube changer. 2,360,396; Oct. 17.

Carol, James E., Los Angeles, assignor of sixty per cent to C. B. Jamison, twenty per cent to C. Mason, and twenty per cent to A. E. Wright, Beverly Hills, Calif. Variable pitch propeller. 2,341,207; Feb. 8.

Carolin, Guy, New York, N. Y. Memorizer. 2,357,082; Aug. 29.

Caron, Joseph V., Detroit, Mich. Wheel applying device. 2,345,458; Mar. 28.

Caron, Joseph V., Haverhill, Mass. Internal combustion engine. 2,346,729; Apr. 18.

Caron, Ludger J., assignor to Leominster Tool Co., Inc., Leominster, Mass. Injection molding machine. 2,358,686; Sept. 19.

Carone, Vito, Los Angeles, Calif. Gauge plate for railway surface tracks. 2,359,509; Oct. 3.

Carothers, Thomas A., and W. J. Keuper, assignors to The National Marking Machine Company, Cincinnati, Ohio. Laundry handling mechanism. 2,359,464; Oct. 3.

Carpenter, Albert J., Jr., assignor to The Duplex Printing Press Company, Battle Creek, Mich. Tucker blade motion for rotary folding mechanisms. 2,348,605; May 9.

Carpenter, Albert J., Jr., assignor to The Duplex Printing Press Company, Battle Creek, Mich. Plate cylinder clamping means for cylinder printing presses. 2,350,585; June 6.

Carpenter, Albert J., Jr., assignor to The Duplex Printing Press Company, Battle Creek, Mich. Ink fountain drive. 2,351,012; June 13.

Carpenter, Albert J. Jr., assignor to The Duplex Printing Press Company, Battle Creek, Mich. Printing press. 2,351,013; June 13.

Carpenter, Arthur, New York, N. Y., and H. R. Cook, Jr., Westwood, N. J., assignors to A. O. Goodwin, New York, N. Y. Display apparatus. 2,340,863; Feb. 8.

Carpenter, Charles R., Robbinsdale, Minn. Fish stringer and the like. 2,354,848; Aug. 1.

Carpenter, Earl E., Superior, Wis. Fire-fighting apparatus. 2,360,397; Oct. 17.

Carpenter, Francis F., Norfolk, Va. Mirror compass. 2,361,175; Oct. 24.

Carpenter, Herbert L., Brooklyn, N. Y. Container and constricting rim therefor. 2,351,484; June 13.

Carpenter, Homer C., Royal Oak, Mich., assignor to The Owen Silent Spring Company, Inc., Bridgeport, Conn. Vehicle seat. 2,346,414; Apr. 11.

Carpenter, John A., Long Beach, and M. E. McGill, Burbank, Calif. Cylindrical work hanger. 2,353,443; July 11.

Carpenter, John C., assignor to Sears, Roebuck and Co., Chicago, Ill. Photographic enlarger. 2,351,599; June 20.

Carpenter, John H., Williamsport, Pa., assignor to The Aviation Corporation, New York, N. Y. Fuel drain valve for engines. 2,341,758; Feb. 15.

Carpenter, Laura P., et al., trustee. (See Daugherty, Fount F., assignor.)

Carpenter, Miles H., Severna Park, Md. Fastening means for building construction. 2,340,864; Feb. 8.

Carpenter, Miles H., Severna Park, Md. Flooring. 2,348,724; May 16.

Carpenter, Morris T., assignor to Standard Oil Company, Chicago, Ill. Catalytic conversion process. 2,362,113; Nov. 7.

Carpenter, Otto W., Jr., special administrator. (See Kearney, E. J.)

Carpenter Paper Company. (See Stevenson, Donald E., assignor.)

Carpenter, Randolph, et al. (See Baxter, George, assignor.)

Carpenter, Russell, Three Rivers, Quebec, Canada. Steam joint. 2,350,492; June 6.

Carpenter, Samuel C., Jr. (See Rickus, G. M., Hoffman, Carpenter, and Harris.)

Carpenter Steel Company, The. (See Luerssen, G. V., and Post, assignors.)

Carpenter Steel Company, The. (See Luerssen, G. V., and Schlegel, assignors.)

Carpenter, Victor W., Franklin, and J. M. Jackson, Middletown, Ohio, and J. E. Lucas, Butler, Pa., assignors to The American Rolling Mill Company, Middletown, Ohio. Production of silicon steel of uniformly low core loss. 2,358,788; Sept. 26.

Carpmail, Arthur B., Lorain, Ohio. Apparatus for cleaning pipe. 2,353,125; July 11.

Carr, Adams & Collier Company. (See Adams, Paul L., assignor.)

Carr, Donald E., assignor to Union Oil Company of California, Los Angeles, Calif. Producing asphalt. 2,361,263; Oct. 24.

Carr, Edward L., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Vulcanization accelerator. 2,339,552; Jan. 18.

Carr, Edward L., Akron, Ohio, assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Treating mercaptothiazoles with ammonia derivatives and product produced thereby. 2,354,427; July 25.

Carr, John O., Park Ridge, and M. T. Goetz, assignors to Teletype Corporation, Chicago, Ill. Keyboard printing and perforating apparatus. 2,343,882; Mar. 14.

Carr, Richard H., Evanston, assignor, by mesne assignments, to A. M. Rossman, Wilmette, Ill. Pull rod carrier. 2,355,054; Aug. 8.

Carr, William E. (See McAlpine, L. W., assignor.)

Carraway, Thomas W., Dallas, Tex. Air conditioning or cooling system. 2,342,841; Feb. 29.

Carrick, Oland W. (See Gunderson, L. O., and Carrick.)

Carrier Corporation. (See Ashley, C. M., and Mooney, assignors.)

Carrier Corporation. (See Carrier, Willis H., assignor.)

Carrier Corporation et al. (See Goddard, M. B., and Oeler, assignors.)

Carrier Corporation. (See Hanson, Lars, assignor.)

Carrier, Willis H., assignor to Carrier Corporation, Syracuse, N. Y. Valve arrangement. 2,342,328; Feb. 22.

Carrier, Willis H., assignor to Carrier Corporation, Syracuse, N. Y. Air conditioning system. 2,353,144; July 11.

Carrier, Willis H., assignor to Carrier Corporation, Syracuse, N. Y. Air conditioning system. 2,355,629; Aug. 15.

Carrier, Willis H., assignor to Carrier Corporation, Syracuse, N. Y. Air conditioning system. 2,363,294; Nov. 21.

Carrier, Willis H., assignor to Carrier Corporation, Syracuse, N. Y. Air conditioning system control arrangement. 2,363,944; Nov. 28.

Carrier, Willis H., assignor to Carrier Corporation, Syracuse, N. Y. Air conditioning system. 2,363,945; Nov. 28.

Carroll, Burt H. (See Weissberger, A., and Carroll.)

Carroll, Burt H., and C. J. Staud, assignors to Eastman Kodak Company, Rochester, N. Y. Production of neutral tones in photographic emulsions. 2,346,065; Apr. 4.

Carroll, Burt H., and J. Spence, assignors to Eastman Kodak Company, Rochester, N. Y. Photographic emulsion. 2,355,630; Aug. 15.

Carroll, Burt H., and J. Spence, assignors to Eastman Kodak Company, Rochester, N. Y. Sensitized photographic emulsion. 2,361,928; Nov. 7.

Carroll, Ellsworth W., San Carlos, assignor to S & W Fine Foods, Inc., San Francisco, Calif. Single stage fruit orienting and pitting machine. 2,343,496; Mar. 7.

Carroll, Ellsworth W., San Carlos, assignor to S & W Fine Foods, Inc., San Francisco, Calif. Dicing fruit. 2,350,586; June 6.

Carrol, Frank, New York, N. Y. Boxing toy. 2,358,907; Sept. 26.

Carroll, Frederick M., Tulsa, Okla., assignor to Shell Development Company, San Francisco, Calif. Integrated machine control. 2,338,404; Jan. 4.

Carroll, Furman G., Media, Pa., assignor to American Viscose Corporation, Wilmington, Del. Sizing device for winding machines. 2,361,427; Oct. 31.

Carroll, George R. (See Cummings, H. B., and Carroll.)

Carroll, Howard F. (See Rosenberg, H. R., and Carroll.)

Carroll, Louis W., assignor to International Standard Electric Corporation, New York, N. Y. Telephone substation apparatus. 2,356,031; Aug. 15.

Carroll, Louis W., assignor to International Standard Electric Corporation, New York, N. Y. Magnetic signal. 2,359,546; Oct. 3.

Carroll, Robert A., West Finley, Pa. Fuel mixer. 2,359,022; Sept. 26.

Carroll, William M., assignor to The National Cash Register Company, Dayton, Ohio. Record form handling device. 2,342,571; Feb. 22.

Carruth, Herman A., Northford, assignor to National Folding Box Company, New Haven, Conn. Making cartons. 2,358,789; Sept. 26.

Carruth, Herman A., Northford, assignor to National Folding Box Company, New Haven, Conn. Captive cover carton. 2,358,790; Sept. 26.

Carruthers, Robert L., New Iberia, La. Derrick support for underwater drilling. 2,352,370; June 27.

Carruthers, Thomas F., South Charleston, and R. W. Kiefer, Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation. Production of aminopyrans. 2,350,446; June 6.

Carson, Boyce G., Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company. Chrome diazo dyes. 2,342,451; Feb. 22.

Carson, Clarence M., Cuyahoga Falls, assignor to Wingfoot Corporation, Akron, Ohio. Moistureproofed glassine paper. 2,354,574; July 25.

Carson, Clearance A., et al. (See Foster, Sampson D., assignor.)

Carson, Everett E. (See Roberts, John F., assignor.)

Carson, Robert A., Denver, Colo. Horse's bit. 2,355,704; Aug. 15.

Carson, Robert J., Jr. (See Gebert, R. C., and Carson.)

Carson, Robert J., Kane, Pa. Skate carrier. 2,353,809; July 18.

Carson, William F., Jr., Brunswick, Ga., assignor to Hercules Powder Company, Wilmington, Del. Improving the odor of thiocyanate insecticides. 2,339,050; Jan. 11.

Carson, William F., Jr., Brunswick, Ga., assignor to Hercules Powder Company, Wilmington, Del. Detergent and production. 2,362,882; Nov. 14.

Carson, William L., assignor to Washington Iron Works, Seattle, Wash. Grinding machine. 2,359,969; Oct. 10.

Carswell, Firman L. (See Schmidt, O. W., and Carswell.)

Carter, Andrew G., Grand Rapids, Mich. Electric lamp. 2,338,621; Jan. 4.

Carter Carburetor Corporation. (See Bicknell, George M., assignor.)

Carter Carburetor Corporation. (See Bicknell, G. M., and Henning, assignors.)

Carter Carburetor Corporation, et al. (See (Boyce, L. D., assignor), and McKechnie.)

Carter Carburetor Corporation. (See Carlson, H. A., and Szwargulski, assignors.)

Carter Carburetor Corporation. (See Coffey, Irven E., assignor.)

Carter Carburetor Corporation. (See Ericson, George R., assignor.)

Carter Carburetor Corporation. (See Ericson, G. R., and Markham, assignors.)

Carter Carburetor Corporation. (See Ewart, W. M., and Klasey, assignors.)

Carter Carburetor Corporation. (See Lannert, Kenneth, assignor.)

Carter Carburetor Corporation. (See Mann, Bertram H., Jr., assignor.)

Carter Carburetor Corporation. (See Moseley, James T. W., assignor.)

Carter, Clarence F., Danville, Ill. Multiple head automatic powder filling machine. 2,360,198; Oct. 10.

Carter, Edward J. (See McCormick, G., Griffith, Carter, Williams, and McCormick, S. and T. T.)

Carter, Frank E., Minneapolis, Minn. Walker and rejuvenator for physically disabled persons. 2,362,466; Nov. 14.

Carter, Franklyn Y., assignor to Detroit Lubricator Company, Detroit, Mich. Refrigerating system. 2,346,469; Apr. 11.

Carter, Geoffrey W. (See Mortlock, J. R., Wilkinson, and Carter.)

Carter, George I., Teaneck, assignor, by mesne assignments, to General Oil Heating Corporation, West New York, N. J. Oil-burner construction. 2,355,631; Aug. 15.

Carter, James L., Mobile, Ala. Fender tool. 2,357,726; Sept. 5.

Carter, John W., and T. H. Kennedy, McKeesport, Pa., assignors to National Tube Company. Runner gate operator. 2,348,521; May 9.

Carter, John W., and A. R. Rowe, McKeesport, Pa., assignors to National Tube Company. Regenerative soaking pit furnace. 2,351,661; June 20.

Carter, Joseph C., Martinsville, Va. Fire extinguisher. 2,358,848; Sept. 26.

Carter, Leslie F., Leonia, N. J., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Gyroscopic erection device. 2,356,749; Aug. 29.

Carter, Leslie F., Leonia, N. J., and F. West, Jr., Roslyn, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Gyro magnetic compass system. 2,363,500; Nov. 28.

Carter, Mitchell, Trenton, N. J., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Cleaning article. 2,339,547; Jan. 18.

Carter, Mitchell, Yardley, Pa., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Forming rubber articles. 2,354,433; July 25.

Carter, Perry E., Guilford, Mo. Combined push rake and stacker. 2,351,104; June 13.

Carter, Philip S., Port Jefferson, N. Y., assignor to Radio Corporation of America. High frequency resonator and circuit therefor. 2,357,313; Sept. 5.

Carter, Philip S., Port Jefferson, N. Y., assignor to Radio Corporation of America. Cavity resonator circuit. 2,357,314; Sept. 5.

Carter, Philip S., Rocky Point, N. Y., assignor to Radio Corporation of America. Broad band directive antenna. 2,357,382; Sept. 5.

Carter, Philip S., Rocky Point, N. Y., assignor to Radio Corporation of America. Short wave antenna. 2,359,620; Oct. 3.

Carter, Robert J. S., Minneapolis, Minn. Aspirating separator. 2,361,601; Oct. 31.

Carter, Roscoe H., Washington, D. C., and M. C. Goldsworthy, Takoma Park, Md., assignors to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors. Fungicide. 2,354,940; Aug. 1.

Carter, Thomas A., Jr., assignor to Grand Rapids Store Equipment Company, Grand Rapids, Mich. Lighting structure. 2,345,234; Mar. 28.

Carter, Thomas A., Jr., assignor to Grand Rapids Store Equipment Company, Grand Rapids, Mich. Lighting fixture. 2,345,235; Mar. 28.

Carter, William G., Yakima, Wash., assignor to California Packing Corporation, San Francisco, Calif. Turnover device. 2,364,270; Dec. 5.

Carter, William J., assignor, by mesne assignments, to Akron Standard Mold Company, Akron, Ohio. Press. 2,355,420; Aug. 8.

Carter, William W., deceased, Needham, by B. Morton, trustee, Westport, Mass., assignee. Molded article and making it. Re. 22,487; May 30.

Carter, William W., Needham, assignor to Brayton Morton, Boston, Mass., trustee. Hollow molded preform of fiber and fusible plastic material. 2,365,331; Dec. 19.

Carthage Mills Incorporated. (See Pike, Neal C., assignor.)

Cartledge, Frank, assignor to Goodman Manufacturing Company, Chicago, Ill. Overload release clutch. 2,355,207; Aug. 8.

Cartledge, Frank, assignor to Goodman Manufacturing Company, Chicago, Ill. Gathering and loading machine. 2,358,849; Sept. 26.

Cartier, Edward J., assignor of one-half to W. Conley, Toronto, Ontario, Canada. Piston. 2,361,819; Oct. 31.

Carton Coolers, Inc. (See Ferris, Walton C., assignor.)

Carton, Paul O., Cleveland Heights, Ohio, assignor to General Electric Company. Filament mount. 2,347,028; Apr. 18.

Cartwright, Horace A., Independence, Kans. Apparatus for pumping and heating viscous material. 2,339,741; Jan. 18.

Cartwright, Horace A., Independence, Kans. Spray bar for distributing bituminous and like materials. 2,342,120; Feb. 22.

Cartwright, Horace A., Independence, Kans. Valve. 2,359,300; Oct. 3.

Company of America, Pittsburgh, Pa. Article feeding

Carvalho, Leslie R. N., New York, assignor, by mesne assignments, to Crown Cork & Seal Company, Inc., Brooklyn, N. Y. Apparatus for and method of making circular locking bands for caps or closures. 2,348,957; May 16.

Carver, Ernest E., Vancouver, British Columbia, Canada. Garden shears. 2,354,303; July 25.

Carver, Walter W., Millburn, N. J. Black-out ventilator. 2,362,114; Nov. 7.

Carver, Walter W., Millburn, N. J. Ventilator for portholes and like openings. 2,364,271; Dec. 5.

Carvey, George W., Cheswick, assignor to Aluminum Industries Corporation. 2,361,176; Oct. 24.

Cary, Henry H., South Pasadena, and W. P. Baxter, Pasadena, assignors to National Technical Laboratories, South Pasadena, Calif. Making glass electrodes. 2,346,479; Feb. 11.

Cary, Henry H., Alhambra, and D. G. Marlow, Altadena, assignors to National Technical Laboratories, South Pasadena, Calif. Variable resistor. 2,361,010; Oct. 24.

Cary, William M., Jacksonville, Fla., assignor to Combustion Engineering Company, Inc., New York, N. Y. Automatic scraper for filter screens. 2,363,830; Nov. 28.

Caryl, Coleman R., Riverside, J. T. Thurston, Cos Cob, and D. W. Kaiser, Springdale, Conn., assignors to American Cyanamid Company, New York, N. Y. Alicyclic esters of alpha-hydroxyisobutyric acids. 2,348,710; May 16.

Casali, Anthony J., Canton, Ohio. Offset keyway gauge. 2,351,105; June 13.

Casavant, Stuart F., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 2,350,338; June 6.

Casciani, Romildo, assignor of one-third to M. Bernstein, and one-third to J. Meltzer, New York, N. Y., and one-third to J. H. Funk, St. Louis, Mo. Formula for a composition of ceramic matter. 2,356,214; Aug. 22.

Casco Products Corporation. (See Cohen, Joseph H., assignor.)

Casco Products Corporation. (See Lehmann, Herbert G., assignor.)

Casco Products Corporation. (See Youhouse, Joseph, assignor.)

Case, Edward B., St. Louis, Mo. Bias-cutting machine. 2,352,937; July 4.

Case, Edward N. (See Solakian, H., and Case.)

Case, J. I., Company. (See Crawford, John F., assignor.)

Case, J. I., Company. (See Geraldson, Gerald, assignor.)

Case, J. I., Company. (See Heltshu, Daniel C., assignor.)

Case, J. I., Company. (See Janke, Ewald P., assignor.)

Case, J. I., Company. (See Krause, Norman R., assignor.)

Case, J. I., Company. (See MacGregor, Wallace F., assignor.)

Case, J. I., Company. (See Russell, Stanley D., assignor.)

Case, J. I., Company. (See Rutter, Alvah E., assignor.)

Case, J. I., Company. (See Schill, Bernard J., assignor.)

Case, Lynn B., assignor to John Waldron Corporation, New Brunswick, N. J. Printing machine. 2,341,690; Feb. 15.

Case, Nelson P., Great Neck, N. Y., assignor to Hazeltine Corporation. Direct current amplifier stage. 2,343,745; Mar. 7.

Case, Noel L., Girard, Pa., assignor to Louis Mark & Company, Inc., New York, N. Y. Track switch for toy railways. 2,340,042; Jan. 25.

Case, Pomeroy & Company. (See Andresen, Kurt H., assignor.)

Case, Richard Y., Philadelphia, assignor to L. H. Gilmer Co., Tacony, Philadelphia, Pa. Cut tooth power transmission belt and blank for the same. 2,348,522; May 9.

Case, Robert W., Warrens, Wis. Berry picking machine. 2,355,273; Aug. 8.

Case, Rogers, Orange, N. J. Wire-transposing device. 2,356,750; Aug. 29.

Case, Willard T., New Brunswick, N. J., assignor to Deltox Rug Company, Oshkosh, Wis. Rug and making the same. 2,360,398; Oct. 17.

Casella, Secondo L., Brooklyn, assignor to Morey Machinery Co., Inc., New York, N. Y. Stop roll. 2,361,453; Oct. 31.

Caserta, Alfred E. (See Sherman, C. F., and Caserta.)

Caserta, Michele, Detroit, Mich., assignor to Thompson Products Incorporated, Cleveland, Ohio. Fluid transfer mechanism. 2,353,545; July 11.

Casey, Charles L., Chicago, Ill. Vending machine. 2,339,681; Jan. 18.

Casey, Charles L., Chicago, Ill. Vending machine. 2,352,471; June 27.

Casey, Francis B. (See Gott, G. E., Habib, Casey, and Fairbank.)

Casey, James A., Wilkes-Barre, Pa. Underfed stoker. 2,365,679; Dec. 26.

Cash, A. W., Company. (See Temple, Paul C., assignor.)

Cash, Claude C., New York, and K. H. Perkins, Valley Stream, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Protective system. 2,358,405; Jan. 4.

Cash, Claude D., Chicago, Ill. Wall protector. 2,340,173; Jan. 25.

Cashman, Aloysius F. (See Lieber, E., and Cashman.)

Cashman, Aloysius F. (See Lieber, E., Sadlon, and Cashman.)

Casler, Roger H., and S. Vorech, assignors to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Power gear shifting mechanism. 2,346,820; Apr. 18.

Casler, Roger H., assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Clutch control mechanism. 2,362,242; Nov. 7.

Cass, Oliver W., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of unsaturated halogenated aliphate hydrocarbons. 2,342,100; Feb. 22.

Cass, Oliver W., Niagara Falls, and A. O. Rogers, Lewiston, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of dihydro mucononitrile and product. 2,342,101; Feb. 22.

Cass, Oliver W., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of butadiene. 2,343,108; Feb. 29.

Cass, Oliver W. and A. O. Rogers, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of butadiene. 2,343,107; Feb. 29.

Cassaday, Jack T., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Noncrystallizing rosin size and making the same. 2,362,973; Nov. 21.

Cassee, Ewout. (See Klinkhamer, H. A. W., and Cassee.)

Cassel, Norman S., Ridgewood, N. J., assignor to Interchemical Corporation, New York, N. Y. Coloring textiles. 2,342,641; Feb. 29.

Cassel, Norman S., Ridgewood, N. J., assignor to Interchemical Corporation, New York, N. Y. Coloring textiles with pigments. 2,342,642; Feb. 29.

Cassel, Norman S., Ridgewood, N. J., assignor to Interchemical Corporation, New York, N. Y. Textile printing composition. 2,361,454; Oct. 31.

Cassel, Norman S., Ridgewood, N. J., assignor to Interchemical Corporation, New York, N. Y. Textile printing emulsions. 2,364,892; Dec. 12.

Cassel, William H., assignor to The Cleveland Hobbing Machine Company, Cleveland, Ohio. Gear cutting method and machine. 2,339,375; Jan. 18.

Cassell, William C., Pikeville, Ky. Window shade fastener. 2,359,200; Sept. 26.

Casselman, Harold L. (See Ginn, E., Casselman, and Campbell.)

Cassen, Benedict, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Supervoltage X-ray tube. 2,342,789; Feb. 29.

Cassens, Fred G., Jennings, Mo., and M. S. Evans, Buffalo, assignors to American Car and Foundry Company, New York, N. Y. Multiple hook lifter. 2,338,998; Jan. 11.

Cassidy, Samuel M., and G. M. Rigg, Uniontown, Pa. System of mining. 2,358,687; Sept. 19.

Cassle, John, Dedham, assignor to B. F. Sturtevant Company, Boston, Mass. Inlet box for centrifugal fans. 2,344,456; Mar. 14.

Casson, Wesley C. (See Tucker, P. T., and Masson.)

Cast Stone Institute. (See Walker, C. G., and Frauenfelder, assignors.)

Cast Stone Institute. (See Weber, Jacob assignor.)

Casteen, John V., Portsmouth, Va. Dispensing cabinet. 2,342,452; Feb. 22.

Castellan, Carl A. (See Boyce, G. L., and Castellan.)

Castellan, Carl A., assignor to American Viscose Corporation, Wilmington, Del. Staple fiber cutter. 2,339,765; Jan. 25.

Castellan, Carl A., assignor to American Viscose Corporation, Wilmington, Del. Staple fiber cutter. 2,339,766; Jan. 25.

Castelle, James, New York, assignor to Bernard Rosenstein, Brooklyn, N. Y. Shoe construction. 2,355,906; Aug. 15.

Casteili, Charles, Union City, N. J., assignor to Minox, Inc., New York, N. Y. Lock. 2,339,615; Jan. 18.

Castiglia, Biagio, New York, N. Y., assignor to Wheel Aligning Necessities, Inc. Wheel suspension. 2,355,274; Aug. 8.

Castings Patent Corporation. (See Hagaemeyer, Henry F., assignor.)

Castle, Boyd F., and W. W. Wodell, assignors to The Quincy Stove Manufacturing Company, Quincy, Ill. Oil burning device. 2,365,745; Dec. 26.

Castle, Kent S., San Francisco, Calif. Ventilator. 2,354,795; Aug. 1.

Castle, Michael A. (See Hickin, N. E., Hogg, and Castle.)

Catlin, John P., and G. R. Eckstein, assignors to Remington Arms Company, Inc., Bridgeport, Conn. Testing anneal of cartridge shells and the like. 2,364,129; Dec. 5.

Castor, Wilbur W., assignor to Fuller Label & Box Company, Pittsburgh, Pa. Vented panel. 2,358,143; Sept. 12.

Castricum, Martin, Grosse Pointe, Mich., assignor to United States Rubber Company, New York, N. Y. Drier for yarns or cords. 2,345,032; Mar. 28.

Catalani, Giusto, Genova-Bolzaneto, Italy; vested in the Alien Property Custodian. Refrigerating apparatus. 2,341,595; Feb. 15.

Cate, Paul E., assignor to The Fulton Syphon Company, Knoxville, Tenn. Elements of compressed and sintered powders. 2,362,353; Nov. 7.

Cate, Thomas M., and R. E. Jones, Knoxville, Tenn., assignors to The Sanford Investment Company, Wilmington, Del. Drop-bottom mine car. 2,362,986; Nov. 21.

Caterpillar Tractor Co. (See Eberhard, Harmon S., assignor.)

Caterpillar Tractor Co. (See Gedge, Frederick C., assignor.)

Caterpillar Tractor Co. (See Martin, F. F., and Clark, assignors.)

Caterpillar Tractor Company. (See Reggio, Ferdinando C., assignor.)

Caterpillar Tractor Co. (See Rosen, C. G. A., and Maxwell, assignors.)

Caterpillar Tractor Co. (See Starr, Oscar L., assignor.)

Cates, Julius, Wembley, H. G. Jenkins, Pinner, and S. H. Noble, Harrow Weald, England, assignors to General Electric Company. Discharge lamp apparatus. 2,339,051; Jan. 11.

Catford, Adrian L. (See Halford, F. B., and Catford.)

Cathodeon Limited. (See Liebmann, Gerhard, assignor.)

Catlett, James T., Scotia, N. Y., assignor to General Electric Company. Welding apparatus. 2,358,144; Sept. 12.

Catlett, William J., Jr., U. S. Navy. Air navigation plotter. 2,343,883; Mar. 14.

Catlin, John B (See Fourness, C. A., and Catlin.)

Catlin, Willard E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing synthetic linear polyamide filaments. 2,341,423; Feb. 8.

Catlin, Willard E., Edgewood, Md., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dispersing pigments in polyamides. 2,341,759; Feb. 15.

Catlin, Willard E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing coating compositions. 2,342,387; Feb. 22.

Caton, Joseph D., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Trailer hitch. 2,347,081; Apr. 18.

Catt, Leslie Herbert. (See Marshall, W. J., and Catt.)

Cattaraugus Cutlery Company. (See Champlin, J. B. F., and Banton, assignors.)

Caugherty, John J., Belle Vernon, Pa. Cleaning ferrous metal articles. 2,338,165; Jan. 4.

Caughey, John M., assignor to Stubnitz-Greene Spring Corporation, Adrian, Mich. Seat cushion. 2,352,938; July 4.

Caughman, Wilhelm H. (See Rabon, Melton G., assignor.)

Caulkins, Cecil P., New London, Conn. Gun loading mechanism. 2,350,493; June 6.

Causer, Mabel D., Sarasota, Fla. Foldable and extensible sock stretcher and drier. 2,354,849; Aug. 1.

Cavanagh, John J., Farmingdale, N. Y. Garment hanger. 2,338,702; Jan. 11.

Cavanagh, Patrick E., Hamilton, Ontario, Canada. Recovering metals from steel slags. 2,350,725; June 6.

Cavanaugh, Robert H., and W. M. Nagle, Woodbury, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of adipic acid. 2,343,534; Mar. 7.

Cavanaugh, Walter T., and G. E. Viera, Oakland, Calif. Apparatus for applying filler to tape. 2,348,166; May 2.

Cave, Henry, and A. L. Le Febvre, assignors to The Fuller Brush Company, Hartford, Conn. Bristle feeding mechanism for brush making machines. 2,356,121; Aug. 15.

Cave, Henry, Hartford, A. H. Fuller, West Hartford, and A. L. LeFebvre, Windsor, assignors to The Fuller Brush Company, Hartford, Conn. Brushmaking machine. 2,358,443; Sept. 19.

Cavicchioli, Mario, New York, N. Y. Waste and grease trap. 2,353,993; July 18.

Cavins, Roy E. (See Bland, Thomas W., assignor.)

Cawein, Madison, Fort Wayne, Ind., assignor to Farnsworth Television and Radio Corporation. Signal mixing amplifier. 2,353,876; July 18.

Cawein, Madison, Fort Wayne, Ind., assignor to Farnsworth Television and Radio Corporation. Artificial antenna. 2,355,275; Aug. 8.

Cawein, Madison, Marion, Ind., assignor to Farnsworth Television and Radio Corporation. Power supply circuit. 2,361,745; Oct. 31.

Cawley, Clayton J., Eldred, Pa. Tethering post. 2,360,199; Oct. 10.

Cawley, John D., assignor to Distillation Products, Inc., Rochester, N. Y. Procedure for the preparation of substances containing conjugated double bonds. 2,343,644; Mar. 7.

Cawood, Richard L., assignor to The Patterson Foundry & Machine Company, East Liverpool, Ohio. Discharge valve. 2,343,134; Feb. 29.

Cawood, William H., Middlesboro, Ky. Grave box cover applying and removing tool. 2,338,232; Jan. 4.

Cawthon, Carl C. (See Leissler, Lee R., assignor.)

Cayo, Edmund J., Albany, N. Y. Method and apparatus for making artificial dentures. 2,348,606; May 9.

Cecil, Willard, Parker, Ind. Hog feeder. 2,353,126; July 11.

Cecil, William E., High Point, N. C. Tire pressure indicating system. 2,362,883; Nov. 14.

Cederquist, Nils H., Los Angeles, Calif. Table construction. 2,360,474; Oct. 17.

Cejka, Louis A. (See Saucier, Lionel H., assignor.)

Celanese Corporation of America. (See Adamson, Henry, assignor.)

Celanese Corporation of America. (See Andersen, B., Grenquist, and Ball, assignors.)

Celanese Corporation of America. (See Bell, A. S., and Angus, assignors.)

Celanese Corporation of America. (See Bludworth, Joseph E., assignor.)

Celanese Corporation of America. (See Caprio, Amerigo F., assignor.)

Celanese Corporation of America. (See Croft, C. M., and hindle, assignors.)

Celanese Corporation of America. (See Croft, C. M., Bergeron, and Dodge, assignors.)

Celanese Corporation of America. (See Daly, A. J., and Lowe, assignors.)

Celanese Corporation of America. (See Dodge, F. G., and McFarland, assignors.)

Celanese Corporation of America. (See Dreyfus, Henry, assignor.)

Celanese Corporation of America. (See Dreyfus, H., Moncrieff, and Bates, assignors.)

Celanese Corporation of America. (See Dreyfus, H., Moncrieff, and Sammons, assignors.)

Celanese Corporation of America. (See Ellis, G. H., and Wesson, assignors.)

Celanese Corporation of America. (See Elvin, W. J., and Shallis, assignors.)

Celanese Corporation of America. (See Finlayson, Donald, assignor.)

Celanese Corporation of America. (See Glass, Louis, assignor.)

Celanese Corporation of America. (See Groombridge, W. H., and Page, assignors.)

Celanese Corporation of America. (See Haney, C. I., and Martin, assignors.)

Celanese Corporation of America. (See Hays, C. H., and Dickie, assignors.)

Celanese Corporation of America. (See Hivick, C. L., and McLuckie, assignors.)

Celanese Corporation of America. (See Horback, William, assignor.)

Celanese Corporation of America. (See Jackson, T., Finlayson, and Frearson, assignors.)

Celanese Corporation of America. (See Keight, Albert W., assignor.)

Celanese Corporation of America. (See Lippmann, Daniel C., assignor.)

Celanese Corporation of America. (See Loud, John P., assignor.)

Celanese Corporation of America. (See Lyem, Arthur, assignor.)

Celanese Corporation of America. (See Mann, R. J., Martin, and Harmer, assignors.)

Celanese Corporation of America. (See Olpin, H. C., Gibson, and Jones, assignors.)

Celanese Corporation of America. (See Olpin, H. C., and Wright, assignors.)

Celanese Corporation of America. (See Piperoux, Rene P., assignor.)

Celanese Corporation of America. (See Pool, William, assignor.)

Celanese Corporation of America. (See Roberts, Robert P., assignor.)

Celanese Corporation of America. (See Rowley, Robert D., assignor.)

Celanese Corporation of America. (See Schneider, George, assignor.)

Celanese Corporation of America. (See Schweizer, Ernest, assignor.)

Celanese Corporation of America. (See Seymour, George W., and Salvin, assignors.)
Celanese Corporation of America. (See Seymour, G. W., and Salvin, assignors.)
Celanese Corporation of America. (See Seymour, G. W., and White, assignors.)
Celanese Corporation of America. (See Stearn, W. T., and Schulte, assignors.)
Celanese Corporation of America. (See Thomas, Allan C., assignor.)
Celanese Corporation of America. (See Walker, William, assignor.)
Celanese Corporation of America. (See Whitehead, William, assignor.)
Celanese Corporation of America. (See Whitehead, W., and Elvin, assignors.)
Celanese Corporation of America. (See Willens, Robert A. A., assignor.)
Celastic Corporation, The. (See Johns, Raphael C., assignor.)
Celio, Orlando, assignor to Scintilla Ltd., Soleure, Switzerland. Variable stroke pump. 2,348,958; May 16.
Celio, Orlando, Solenre, Switzerland. Turbine runner. 2,354,364; July 25.
Cellomold Limited. (See Davies, Drury N., assignor.)
Celluplastic Corporation. (See Lerner, Irving S., assignor.)
Celomat Corp. (See Well, Herbert, Jr., assignor.)
Celotex Corporation, The. (See Burt, George H., assignor.)
Celotex Corporation, The. (See Hay, Harold R., assignor.)
Celotex Corporation, The. (See Irvine, Fergus A., assignor.)
Celotex Corporation, The. (See Muench, Carl G., assignor.)
Celotex Corporation, The. (See Swenson, George E., assignor.)
Centa, John M. (See Potter, R. S., and Centa.)
Center, Charles I., and W. E. Tarr, South Bend, Ind. Desk construction. 2,362,047; Nov. 7.
Central Commercial Company. (See Langer, Nicholas, assignor.)
Central Equipment Co. (See Black, Charles F., assignor.)
Central Fibre Products Company Inc. (See Limbert, John K., assignor.)
Central Fibre Products Company. (See Limbert, J. K., Brane, and McClure, assignors.)
Central Mine Equipment Co. (See Phipps, Orville, assignor.)
Central Specialty Company. (See Gaskell, W. L., and Haisch, assignors.)
Centrella, Michael L., Philadelphia, Pa. Accelerator indicator. 2,339,910; Jan. 25.
Centrifix Corporation. (See Wright, Bruce R., assignor.)
Century Distributors. (See Sabin, Oliver.)
Century Electric Company. (See Hamilton, James L., assignor.)
Century Motors Corporation. (See Dusevoir, Julius, assignor.)
Cerium Corporation, The. (See Phelps, Harold E., assignor.)
Certain-Teed Products Corporation. (See Codwise, Philip W., assignor.)
Certain-Teed Products Corporation. (See Deuchler, Philip G., assignor.)
Certain-Teed Products Corporation. (See Deuchler, P. G., and Moore, assignors.)
Certain-Teed Products Corporation. (See Gardner, Harry F., assignor.)
Certain-Teed Products Corporation. (See MacNutt, Arthur D., assignor.)
Certain-teed Products Corporation. (See Soissa, John A., assignor.)
Certified Gas Equipment Co. (See Robinson, William, assignor.)
Cetrule, John, West Orange, N. J. Hobbing machine. 2,364,694; Dec. 12.
Cervellati, Fernando. (See Marzoli, A., and Cervellati.)
Cesareo, Orfeo, Washington township, Bergen County, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,340,366; Feb. 1.
Cessna, Oren C., Ann Arbor, Mich., assignor to The Guardite Corporation. Impregnating fabric sheet material. 2,342,643; Feb. 29.
Chace, W. M., Company. (See Hood, Stanley R., assignor.)
Chadbourne, Reuben J. (See Richardson, D. E., Michel, and Chadbourne.)
Chadburn's (Ship) Telegraph Company Limited, et al. (See Eves, F. S., and Bamford, assignors.)
Chadder, William J., assignor to Woodall-Duckham (1920) Limited, Gullford, England. Separation of liquids of different boiling points from mixtures thereof by fractional distillation. 2,365,050; Dec. 12.
Chadder, William J., assignor to Woodall-Duckham (1920) Limited, Guilford, England. Separation of liquids of different boiling points from mixtures thereof by fractional distillation. 2,365,051; Dec. 12.
Chadkin, Bernard. (See Kastilan, Fritz, assignor.)
Chadwick, Cecil G. (See Crafts, W., and Chadwick.)
Chafee, Earl W., New York, and S. G. Myers, Freeport, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Antiaircraft fire control director. 2,340,665; Feb. 8.
Chaffee, Harold D., Bedford, Ohio. Container closure. 2,347,253; Apr. 25.
Chaffee, Joseph G., Hackensack, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Radio signaling. 2,363,571; Nov. 28.
Chaikin, Isidore A., Great Neck, N. Y. Garment hanger shield. 2,348,523; May 9.
Chain Belt Company. (See Hilkemeier, Louis G., assignor.)
Chain Belt Company. (See Longenecker, Charles I., assignor.)
Chain Belt Company. (See Marshall, William B., assignor.)
Chain Belt Company. (See McCann, John F., assignor.)
Chain Belt Company. (See Smith, H. L. Jr., and Conley, assignors.)
Chain Belt Company. (See Wegner, Arnold A., assignor.)
Chalberg, Edward E., San Diego, Calif. Aircraft landing gear. 2,360,759; Oct. 17.
Challenge Cream & Butter Association. (See Mitchel, C. L., and Stocklin, assignors.)
Challenge Machinery Company, The. (See Garlick, Mark J., assignor.)
Challenge Machinery Company, The (See Lee, J. W., and Barney, assignors.)
Challet, Etienne, Bern, assignor of one-fourth to the firm Entreprises Electriques Fribourgeoises, Fribourg, Switzerland. Electric boiling apparatus. 2,341,017; Feb. 8.
Challet, Etienne, Berne, assignor to Enterprises Electriques Fribourgeoises, Fribourg, Switzerland. Switch for electrothermal apparatus. 2,346,730; Apr. 18.
Challis, Thomas F. (See Robinson, H. C., and Challis.)
Chalmers, Andrew B., Bloomfield, N. J. System of identification. 2,343,746; Mar. 7.
Chalupa, George, New York, N. Y. Electric shortening dispenser. 2,340,932; Feb. 8.
Chambart, James J. and J., New York, N. Y. Garment construction. 2,344,915; Mar. 21.
Chambart, Josephine. (See Chambart, James J. and J.)
Chamberlain, George H., Jr., San Jose, Calif. X-ray machine. 2,353,145; July 11.
Chamberlain, Harold L., assignor to Electro Manganese Corporation, Knoxville, Tenn. Manganese electrowinning process. 2,339,911; Jan. 25.
Chamberlain, Joseph B., Kensington, assignor to Baltimore Type and Composition Corporation, Baltimore, Md. Braille type. 2,347,148; Apr. 18.
Chamberlain, Joseph W., Zeeland, Mich. Apparatus for heating fluids. 2,363,118; Nov. 21.
Chamberlain, Leonard C., assignor to The Dow Chemical Company, Midland, Mich. Well treating apparatus. 2,365,052; Dec. 12.
Chamberlin, Benjamin D. (See Sprague, J. A., and Chamberlin.)
Chamberlin, Merle H., Newburgh, N. Y., asrignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Nonstaining coated fabric. 2,344,495; Mar. 21.
Chamberlin Metal Weather Strip Company. (See Glaser, J. P., and Willett, assignors.)
Chambers, Charles F. M. (See Cleland, J., Goldup, and Chambers.)
Chambers Corporation. (See Phares, Thomas E., assignor.)
Chambers, Edwin G., Towson, R. B. Kling, and G. A. Seeley, Baltimore, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Article assembling apparatus. 2,365,803; Dec. 26.
Chamberss, James O., Fort Worth, Tex. Bed lift. 2,351,106; June 13.
Chambers, John E., Shelbyville, Ind. Gas range. 2,361,011; Oct. 24.
Chambers, Lawrence S., Alhambra, Calif. Evaluating flow characteristics of wells. 2,348,192; May 9.
Chambersburg Engineering Company. (See Alcorn, Robert L., Jr., assignor.)
Champagne Paper Corporation. (See Straus, Harry H., assignor.)
Champion, Edwin V. (See Sebo, Joseph, assignor.)
Champion Foundry and Machine Company. (See Naylor, Walter E., assignor.)
Champion, Leon, Marne, Mich. Tractor. 2,349,141; May 16.
Champion Paper and Fibre Company, The. (See Bennett, Eugene G., assignor.)
Champion Paper and Fibre Company, The. (See Blickensderfer, Philip S., assigner.)
Champion Paper and Fibre Company, The. (See Bradner, Donald M., assignor.)
Champion Paper and Fibre Company, The. (See Munro, George C., assignor.)
Champion Paper and Fibre Company, The. (See Murdock, Harold R., assignor.)
Champion Paper and Fibre Company, The. (See Warner, Edgar, assignor.)
Champion Pecan Machine Company, The. (See Meyer, Leo J., assignor.)
Champion Rivet Company, The. (See Mainar, Francis J., assignor.)

Champion Spark Plug Company. (See Jeffery, Joseph A., assignor.)
Champion, William J. (See Levenhagen, A. J., and Champion.)
Champlain Company, Inc. (See Weiss, Adolph, assignor.)
Champlin, John B. F., and T. H. Banton, assignors to Cattaraugus Cutlery Company, Little Valley, N. Y. Hunting knife. 2,350,494; June 6.
Champney, Ralph F., Dearborn, assignor to Mitchell & Smith, Incorporated, Detroit, Mich. Making cork insulation. 2,339,458; Jan. 18.
Chance, A. B., Company. (See Broadbooks, Byron B., assignor.)
Chance, A. B., Company. (See Cole, Elmer K., assignor.)
Chance, A. B., Company. (See Hubbard, David C., assignor.)
Chance, Britton, Mantoloking, N. J. Automatic steering system. 2,340,174; Jan. 25.
Chance, Britton, Mantoloking, N. J. Automatic steering. 2,340,175; Jan. 25.
Chance, Britton, Mantoloking, N. J. Quadrantal error compass corrector. 2,360,330; Oct. 17.
Chancellor, Phill, Salem, Ohio. Flue top. 2,340,410; Feb. 1.
Chandler, Alfred J. G., London, England. Container delivering articles singly. 2,348,449; May 9.
Chandler, Bruce, Waukegan, Ill., and H. B. Yuen, Montreal, Quebec, Canada, assignors to Pfanstiehl Chemical Company. Broach and preparing the same. 2,344,024; Mar. 14.
Chandler, Daniel L., Salem, and G. W. Ewing, Peabody, assignor to Aresee Company Inc., Salem, Mass. Automobile window control. 2,365,454; Dec. 19.
Chandler, Edward F., Brooklyn, N. Y. Directional gyroscope and follow-up. 2,360,399; Oct. 17.
Chandler-Evans Corporation. (See Chandler, Milton E., assignor.)
Chandler-Evans Corporation. (See Hunt, Scott F., assignor.)
Chandler, George A., Muncie, Ind. Machine tool. 2,356,651; Aug. 22.
Chandler, Grace M., Brooklyn, N. Y. Liquid applicator. 2,339,767; Jan. 25.
Chandler, James D., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe and making same. 2,359,896; Oct. 10.
Chandler, Marshall R., Downers Grove, and P. S. McCann, La Grange, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Conveyer system. 2,357,875; Sept. 12.
Chandler, Milton E., New Britain, Conn., assignor to Chandler-Evans Corporation. Carburetor. 2,361,993; Nov. 7.
Chandler & Price Company, The. (See Johnson, Lawrence R., assignor.)
Chandler, Virgil L., et al. (See Chandler, Walter R., assignor.)
Chandler, Walter R., assignor of twelve and twenty-five one-hundredths per cent to R. L. Burton, twelve and twenty-five one-hundredths per cent to V. L. Chandler, twelve and twenty-five one-hundredths per cent to D. A. Wallace, and twelve and twenty-five one-hundredths per cent to W. A. Blackburn, Paducah, Ky. Smoke eliminator. 2,342,329; Feb. 22.
Chaney, Franklin V., New York, N. Y., assignor to R. A. Chaney, Savannah, Ga. Washing machine apparatus. 2,348,450; May 9.
Chaney, Newcomb K., Moylan, Pa., assignor to The United Gas Improvement Company. Recovery of valuable hydrocarbons. 2,341,527; Feb. 15.
Chaney, Newcomb K., Moylan, Pa., assignor to The United Gas Improvement Company. Coated object and making the same. 2,345,583; Apr. 4.
Chaney, Newcomb K., Moylan, Pa., assignor to The United Gas Improvement Company. Production of valuable hydrocarbons. 2,357,315; Sept. 5.
Chaney, Preston E. (See Hedges, C. C., and Chaney.)
Chaney, R. Ann. (See Chaney, Franklin V., assignor.)
Change-A-Blade Corporation. (See Cohn, Maurice L., assignor.)
Chanut, Paul A., assignor to Aris Gloves, Inc., New York, N. Y. Glove. 2,356,032; Aug. 15.
Chapal Donner Corporation, The. (See Donner, C. H., and Weber, assignors.)
Chapel, Wilbur R., Barrington, Ill. File folder envelope. 2,345,793; Apr. 4.
Chapin, John, et al., trustee. (See Abbott, P. D., and Graney, assignors.)
Chaplin, Charles J. (See Chaplin, Merle P., and C. J.)
Chaplin, Charles J., South Portland, assignor to Chaplin Corporation, Portland, Maine. Molded fiber article. 2,348,725; May 16.
Chaplin Corporation. (See Chaplin, Charles J., assignor.)
Chaplin Corporation. (See Chaplin, Merle P., and C. J., assignors.)
Chaplin, Merle P. and C. J., South Portland, assignors to Chaplin Corporation, Portland, Maine. Pulp molding die. 2,359,201; Sept. 26.
Chapman, Arthur W., Putney, London, England. Device for practicing and teaching the correct swinging of golf clubs. 2,340,793; Feb. 1.
Chapman, Charles C. (See Hendrix, H. V., and Chapman.)
Chapman, Charles H., Scotia, N. Y., assignor to General Electric Company. Electric translating apparatus. 2,348,055; May 2.
Chapman, Flavious J., Catawba Sanatorium, Va. Landing net. 2,354,942; Aug. 1.
Chapman, Fred F., Wilmington, R. F. Peterson, Bellefonte, Del., and C. A. Woodbury, Media, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Process of and apparatus for treating sulphuric acid containing dissolved nitro bodies. 2,348,328; May 9.
Chapman, Harold L., East Moriches, N. Y. Mattress and receptacle adjuster. 2,359,510; Oct. 3.
Chapman, Harry E., Galesburg, Ill. Illuminating telephone dials. 2,365,864; Dec. 26.
Chapman, James E., assignor to The Garrett Corporation, Aireearch Manufacturing Company division, Los Angeles, Calif. Oil cooling device. 2,354,364; July 25.
Chapman, Kenneth W. (See Gray, John D., and Chapman.)
Chapman, Leonard. (See Janacek, C. F., and Chapman.)
Chapman, Percival W., Norwich, and O. A. Jouret, Moosup, assignors to The Lester & Wasley Co., Inc., Norwich, Conn. Machine for treating paper. 2,353,994; July 18.
Chapman, Roy J., Los Angeles, Calif. Torque testing device. 2,342,919; Feb. 29.
Chapman, Thomas S., Houston, Tex., assignor to Standard Oil Development Company. Drilling fluid. 2,356,302; Aug. 22.
Chapman, William J., Lake Charles, La. Radio range visualizing device. 2,338,703; Jan. 11.
Chappel, Loring H., Bridgeport, Conn., assignor to Raybestos-Manhattan, Inc., Passaic, N. J. Making friction materials. 2,362,450; Nov. 14.
Chappell, Ralph R., Richmond, Va., assignor to Bendix Aviation Corporation, Bendix, N. J. Recording system. 2,348,711; May 16.
Chappell, Ralph R., Richmond, Va., and R. B. Colt, Baltimore, Md., assignors to Bendix Aviation Corporation, New York, N. Y. Automatic fuse setting apparatus. 2,351,743; June 20.
Charch, William H., Buffalo, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cyclized rubber containing basic amino polymers. 2,350,385; June 6.
Charland, George, Sandpoint, Idaho. Pole incising mechanism. 2,351,401; June 13.
Charles, Ulysses G. (See Mehl, Fred J., assignor.)
Charley, Walter G., La Crescent, Minn., and A. G. Buhr, La Crosse, assignors to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Agricultural machine. 2,350,587; June 6.
Charley, Walter G., La Crescent, Minn., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Agricultural machine. 2,350,588; June 6.
Charlop, Elliott, New York, N. Y. Canopy hammock. 2,353,220; July 11.
Charleton, Gustave A., Portland, Oreg. Guard for glass coffee makers. 2,339,459; Jan. 18.
Charlton, William, J. B. Harrison, and R. B. Waters, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Synthetic phenolic resins. 2,364,192; Dec. 5.
Charmbury, Herbert B., State College, assignor to Pennsylvania Bituminous Coal Research, Inc., Altoona, Pa. Dye. 2,339,837; Jan. 25.
Charnes, James E., assignor to Firestone Tire & Rubber Company, Akron, Ohio. Restoring curing bags. 2,339,559; Jan. 18.
Charnock, Clement J., Manchester, England. Apparatus for joining pieces of yarn. 2,362,801; Nov. 14.
Charnysh, Maurice, Meriden, Conn. Holder for thermometers. 2,351,107; June 13.
Chase Brass & Copper Co. (See Hallberg, August W., assignor.)
Chase Brass & Copper Co. (See Reichenbach, Howard F., assignor.)
Chase Brass & Copper Co. Incorporated. (See Crampton, D. K., and Burghoff, assignors.)
Chase Brass & Copper Co. Incorporated. (See Hallberg, August W., assignor.)
Chase Brass & Copper Co. Incorporated. (See Keshian, Henry G., assignor.)
Chase, Edwin R., Sacramento, Calif. Condiment holder. 2,344,801; Mar. 21.
Chase, George C., South Orange, assignor to Monroe Calculating Machine Company, Orange, N. J. Calculating machine. 2,339,616; Jan. 18.
Chase, George C., South Orange, assignor to Monroe Calculating Machine Company, Orange, N. J. Calculating machine. 2,342,529; Feb. 22.
Chase, Leland H., Port Washington, and L. C. Spenard, Brooklyn, assignors to Holmes Electric Protective Company, New York, N. Y. Stylus operating means. 2,351,319; June 13.
Chase-Shawmut Company, The. (See Taylor, Elmer H., assignor.)
Chase-Shawmut Company, The. (See Wood, Morris B., assignor.)
Chason, Daniel H., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Stand for dress forms and the like. 2,341,424; Feb. 8.

Chason, Daniel H., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine bed. 2,341,975; Feb. 15.

Chason, Daniel H., Elizabeth, and G. H. Egbert, Union, assignors to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine table. 2,362,243; Nov. 7.

Chaston, Jack C., and K. S. G. Pertwee, Harrow, assignors to Johnson, Matthey & Co. Limited, London, England. Electrode for sparking plugs. 2,344,597; Mar. 2.

Chater, John A., Medina, assignor to Niagara Sprayer and Chemical Co., Inc., Middleport, N. Y. Dusting machine. 2,338,056; Jan. 4.

Chater, John A., Medina, assignor to Niagara Sprayer and Chemical Co., Inc., Middleport, N. Y. Dusting apparatus. 2,348,205; May 9.

Chatfield, Franklin. (See Donaldson, E., and Chatfield.)

Chatterjea, Prafulla K., and P. M. Brand, London, England, assignors to International Standard Electric Corporation, New York, N. Y. Broad band high frequency amplifier. 2,360,475; Oct. 17.

Chazanoff, Sydney S., Bartlesville, Okla., assignor to Phillips Petroleum Company. Treatment of hydrocarbon gases. 2,355,147; Aug. 8.

Cheape, John A., Charlottesville, Va. Game. 2,359,353; Oct. 3.

Cheasley, Gordon L., Westfield, N. J. Automatic heating system. 2,353,146; July 11.

Cheatham Electric Switching Device Co. (See Richterkessing, Frank H., assignor.)

Cheatham Electric Switching Device Co. (See Stolp, Samuel S., assignor.)

Chechak, Jonas J. (See Richardson, E. E., and Chechak.)

Chechot, Vladimir L., assignor to The Atlantic Refining Company, Philadelphia, Pa. Neutralizing hydrocarbon oil. 2,361,455; Oct. 31.

Checkmaster Plan Inc. (See Shield, Paris E., assignor.)

Cheney, Harry A. (See de Simo, M., and Cheney.)

Chernack, Abel E., Elmwood, Conn. Machine for making tubular structures. 2,366,087; Dec. 26.

Cherry, Carl W., Carmel, and A. S. Mulligardt, Altadena, Calif.; said Mulligardt assignor to said Cherry. Rivet making apparatus. 2,364,693; Dec. 12.

Chester County Mushroom Laboratories. (See Rettew, Granville R., assignor.)

Chester Lace Mills. (See Schuler, Adam F., assignor.)

Chestnut, William W., Yazoo City, Miss. Spring tire. 2,338,999. Jan. 11.

Cheston, Arthur S., et al. (See Corber, Frederick H., assignor.)

Cheston, Basil, et al. (See Corber, Frederick H., assignor.)

Chedister, Conkling, Livingston, N. J. Testing device. 2,341,212; Feb. 8.

Chedister, Conkling, Livingston, N. J. Sound recording. 2,346,605; Apr. 18.

Chedister, Conkling, Livingston, N. J. Continuous motion picture projector. 2,341,313; Feb. 8.

Cheek, John E., Pampa, Tex. Floating wing for excavating implements. 2,357,999; Sept. 12.

Cheely, Seulan E., and C. R. Griffith, Knoxville, Tenn. Swing pan spreader. 2,348,056; May 2.

Cheeseman, Albert R., Toronto, Ontario, Canada. Cut-out for electric irons. 2,354,575; July 25.

Cheesman, Richard D., assignor to Traylor Engineering and Manufacturing Company, Allentown, Pa. Rotary water-cooled tube cooler. 2,362,539; Nov. 14.

Cheetham, Harold C., Philadelphia, and R. J. Myers, Elkins Park, assignors to The Resinous Products & Chemical Company, Philadelphia, Pa. Removing acidic constituents from fluids. 2,341,907; Feb. 15.

Chemical Construction Corporation. (See Booth, R. B., and Webb, assignors.)

Chemical Construction Corporation. (See Titlestad, N., and Allen, assignors.)

Chemical Developments Corporation. (See Drummond, F. E., and Waldie, assignors.)

Chemical Developments Corporation. (See Stahly, G. L., and Carlson, assignors.)

Chemical Developments Corporation. (See Waldie, William A., assignor.)

Chemical Developments Corporation. (See Waldie, W. A., and Bersuder, assignors.)

Chemical Enterprises, Inc. (See Hahne, Frederick E., assignor.)

Chemical Foundation, Incorporated, The. (See Christensen, Leo M., assignor.)

Chemical Foundation, Incorporated, The. (See Hixson, A. W., and Miller, assignors.)

Chemical Foundation, Incorporated, The. (See Reeves, Richard E., assignor.)

Chemire Corporation. (See Ostrom, Gustaf E., assignor.)

Chenault, Colby B., Oklahoma City, Okla. Male urinal. 2,358,850; Sept. 26.

Chenault, Roy L., Oakmont, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Oil well pump and the like. 2,349,649; May 23.

Chenault, Roy L., Oil City, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Oil well pump and the like. 2,356,504; Aug. 22.

Chenette, Joseph C., Flat Rock, Mich. Portable hand truck. 2,342,178; Feb. 22.

Chenette, Joseph C., Flat Rock, Mich. Lifting and portable moving iron. 2,345,381; Mar. 28.

Cheney, Charles W., Soho, Birmingham, England. Manufacture of band clips having closing worm gears. 2,346,906; Apr. 18.

Cheney, Harold W. (See Dalzell, C. B., and Cheney.)

Cheney, Harold W., Little Falls, N. Y., assignor to Cherry-Burrell Corporation, Chicago, Ill. Removable sanitary pipe coupling. 2,353,012; July 4.

Cheney, Harry A. (See de Simo, M., and Cheney.)

Cheney, Harry A., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Isomerising hydrocarbons. 2,342,073; Feb. 15.

Cheney Weeder Company. (See White, Burden W., assignor.)

Cheney Weeder Company. (See Miller, Oscar E., assignor.)

Chenicek, Joseph A., assignor to Universal Oil Products Company, Chicago, Ill. Suppression of metal catalysis. 2,346,662; Apr. 18.

Chenicek, Joseph A., assignor to Universal Oil Products Company, Chicago, Ill. Suppression of metal catalysis. 2,346,663; Apr. 18.

Chenicek, Joseph A., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Alkylation process. 2,360,547; Oct. 17.

Chenu, George, et al., trustees. (See Ross, Talbert C., assignor.)

Chernack, Abel E., Elmwood, Conn. Collapsible tubing. 2,340,794; Feb. 1.

Chernack, Abel E., New York, N. Y. Machine for making tubular structures. 2,343,747; Mar. 7.

Cherney, Michael, New York, N. Y. Decimal point indicating mechanism for slide rule computations. 2,363,642; Nov. 28.

Chernow, Michael, New York, N. Y. Jewelry clip. 2,351,925; June 20.

Chernow, Michael, New York, N. Y. Jewelry. 2,354,984; Aug. 1.

Cherry, Andrew J., assignor to Economy Screw Corporation, Chicago, Ill. Self-locking screw or bolt. 2,360,826; Oct. 24.

Cherry-Burrell Corporation. (See Boileau, Arthur H., assignor.)

Cherry-Burrell Corporation. (See Campbell, Willard S., assignor.)

Cherry-Burrell Corporation. (See Cheney, Harold W., assignor.)

Cherry-Burrell Corporation. (See Dalzell, C. B., and Cheney, assignors.)

Cherry-Burrell Corporation. (See Stewart, G. E., Trier, and Fielder, assignor.)

Cherry Burrel Corporation. (See Trier, C. L., and Fogg, assignors.)

Cherry-Burrell Corporation. (See Weinreich, C. F., and Lippold, assignors.)

Cherry, Carl W., Carmel, Calif. Riveting device. 2,343,278; Mar. 7.

Cherry, Carl W., Carmel, Calif. Riveting apparatus. 2,344,127; Mar. 14.

Cherry, Carl W., Carmel, and A. S. Mulligardt, Altadena, Calif.; said Mulligardt assignor to said Cherry. Rivet. 2,344,128; Mar. 14.

Cherry, George L., Western Springs, J. R. Johnson, Chicago, and W. J. Scott, Hinsdale, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Molding press. 2,362,048; Nov. 7.

Cherry, Inez, et al. (See Selby, Dwight E., assignor.)

Cherry, Sidney J. (See Knochel, W. J., and Cherry.)

Chervenka, George R. (See Albach, F., and Chervenka.)

Chesny, Heinz H. (See Elkington, F., and Chesny.)

Chesser, Fred B., Bessemer, Ala. Snuff dipper. 2,348,057; May 2.

Chevigny, Georges P., assignor to International Standard Electric Corporation, New York, N. Y. Electron discharge tube structure. 2,345,794; Apr. 4.

Chevigny, Paul G. New York, N. Y., assignor to Federal Telephone and Radio Corporation, Newark, N. J. High-frequency vacuum tube oscillator. 2,351,744; June 20.

Chevrette, Augustin J., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Reserve shuttle control for shuttle changing looms. 2,352,770; July 4.

Cheyney, La Verne E., assignor to Wingfoot Corporation, Akron, Ohio. Curing polyvinyl butyral. 2,340,259; Jan. 25.

Chibnall, Albert C., Totnes, Devon, and K. Bailey, Cambridge, assignors to said Chibnall and W. T. Astbury, Leeds, England. Production of filamentary materials. 2,358,383; Sept. 19.

Chibnik, Elhanan S., Brooklyn, assignor to Eastern Trading Company, New York, N. Y. Method and device for waving hair. 2,345,459; Mar. 28.

Chicago Bridge & Iron Company. (See Bailey, Otterbein A., assignor.)

Chicago Bridge & Iron Company. (See Heineman, Arnold H., assignor.)

Chicago Bridge & Iron Company. (See Horton, George T., assignor.)

Chicago Bridge & Iron Company. (See Larson, Donald E., assignor.)

Chicago Bridge & Iron Company. (See Lebedeff, Michael N., assignor.)

Chicago By-Products Corporation. (See Benesh, Matthew E., assignor.)

Chicago By-Products Corporation. (See Guthrie, R. G., and Wilbor, assignors.)

Chicago By-Products Corporation. (See Wilbor, O. J., and Misiak, assignors.)

Chicago Cardboard Company. (See Ziemmerman, Henry, assignor.)

Chicago Carton Company. (See Smith, Milton A., assignor.)

Chicago Carton Company. (See Turek, John G., assignor.)

Chicago Development Company. (See Ambrose, Paul M., assignor.)

Chicago Development Company. (See Dean, Reginald S., assignor.)

Chicago Development Company. (See Dean, R. S., and Anderson, assignors.)

Chicago Development Company. (See Moss, Cresap M., assignor.)

Chicago Electric Manufacturing Company. (See Gough, James J., assignor.)

Chicago Eye Shield Company. (See Malcom, Robert, assignor.)

Chicago Flexible Shaft Company. (See Anderson, Roy J., assignor.)

Chicago Flexible Shaft Company. (See Bartlett, E. S., and Eldridge, assignors.)

Chicago Flexible Shaft Company. (See Horrer, Otto, assignor.)

Chicago Flexible Shaft Company. (See Jepson, Ivar, assignor.)

Chicago Flexible Shaft Company. (See Jepson, I., and Bylund, assignors.)

Chicago Flexible Shaft Company. (See Jepson, I., Kocl, and Bylund, assignors.)

Chicago Flexible Shaft Company. (See Molnar, Charles L., assignor.)

Chicago Flexible Shaft Company. (See Purpura, August C., assignor.)

Chicago Flexible Shaft Company. (See Storm, Herbert F., assignor.)

Chicago Flexible Shaft Company. (See Wright, H. C., and Jepson, assignors.)

Chicago Forging & Manufacturing Company. (See Howe, Earl, assignor.)

Chicago Forging & Manufacturing Company. (See Hynes, Dibrell P., assignor.)

Chicago Forging & Manufacturing Company. (See Krause, Walter H., assignor.)

Chicago Metal Hose Corporation. (See Fentress, David W., assignor.)

Chicago Metal Hose Corporation. (See Fentress, D. W., and Hughes, assignors.)

Chicago Metal Mfg. Co. (See Hauf, G. F., and Pretorius, assignors.)

Chicago Metallic Manufacturing Company. (See Langel, Adrien L., assignor.)

Chicago Pneumatic Tool Company. (See Amtsberg, Lester A., assignor.)

Chicago Pneumatic Tool Company. (See Fischer, Howard R., assignor.)

Chicago Pneumatic Tool Company. (See Fischer, H. R., and Roberts, assignors.)

Chicago Pneumatic Tool Company. (See Fischer, H. R., and Stevens, assignors.)

Chicago Pneumatic Tool Company. (See Maginniss, H. J., and Amtsberg, assignors.)

Chicago Pneumatic Tool Company. (See Meunier, L. F., and Funk, assignors.)

Chicago Pneumatic Tool Company. (See Miller, E. L., and Brown, assignors.)

Chicago Pneumatic Tool Company. (See O'Farrell, Matthew, assignor.)

Chicago Pneumatic Tool Company. (See Rhoads, R. D., and Nash, assignors.)

Chicago Pneumatic Tool Company. (See Stevens, Edward W., assignor.)

Chicago Printed String Co. (See Christ, Adolph G., assignor.)

Chicago Railway Equipment Company. (See Adas, Thomas L., assignor.)

Chicago Railway Equipment Company. (See Busse, Edwin G., assignor.)

Chicago Railway Equipment Company. (See Ellis, Edward J., assignor.)

Chicago Railway Equipment Company. (See Kadar, Louis, assignor.)

Chicago Railway Equipment Company. (See Spaeth, Irvin J., assignor.)

Chicago Railway Equipment Company. (See Van Sweringen, Harry M., assignor.)

Chicago Rawhide Manufacturing Company. (See Krug, Louis G., assignor.)

Chicago Rawhide Manufacturing Company. (See Northup, Harry L., assignor.)

Chicago & Southern Airlines, Inc. (See Anderson, Rolland L., assignor.)

Chicago Telephone Supply Company. (See Schellenger, N. C., and Budd, assignors.)

Chiksan Tool Company. (See Phillips, Dwight M., assignor.)

Child, Cyril L., R. B. F. F. Clarke, and B. J. Habgood, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Composition for use as adhesive. 2,340,452; Feb. 1.

Child, Lachlan W. (See Muller, P. A., and Child.)

Children's Hospital, The. (See Sabin, A. B., and Warren, assignors.)

Childs, Henry R., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Electrostatic spinning. 2,338,570; Jan. 4.

Childs, William L., Houston, Tex., J. F. Shaw, Los Angeles, Calif., and W. B. Noble, assignors to Reed Roller Bit Company, Houston, Tex. Rock bit. 2,351,320; July 13.

Chiles, John H., Jr., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Automatic short circuiting device. 2,345,584; Apr. 4.

Chill-Quick Corporation. (See Daun, Carl L., assignor.)

Chillson, Charles W., Packanack Lake, N. J., assignor to Curtiss-Wright Corporation. Propeller reversing pitch control. 2,346,007; Apr. 4.

Chilowsky, Constantin, New York, N. Y. Method and apparatus for the detection of submarines by airplanes. 2,361,177; Oct. 24.

Chilton, Allan, Ridgewood, N. J., assignor to Wright Aeronautical Corporation. Connecting rod lubrication. 2,342,036; Feb. 15.

Chilton, Forrest S., Pompton Plains, N. J. Fodder treating means. 2,347,664; May 2.

Chilton, Forrest S., Pompton Plains, N. J. Fodder treating method. 2,348,183; May 2.

Chilton, Forrest S., Pompton Plains, N. J. Forage drying method. 2,350,096; May 30.

Chilton, Roland, Ridgewood, N. J., assignor to Wright Aeronautical Corporation. Change-speed gear. 2,357,502; Sept. 5.

Chilton, William D., Royal Oak, assignor to General Motors Corporation, Detroit, Mich. Material handling device. 2,340,933; Feb. 8.

Chinzi, Charles. (See Mathews, C., and Chinzi.)

Chirgwin, Frederick H., Los Angeles, Calif., assignor to B. F. Sturtevant Company, Boston, Mass. Air nozzle. 2,347,149; Apr. 18.

Chisholm, Harry L., Jr. (See Magrum, G. M., and Chisholm.)

Chisholm, Harry L., Jr. (See Magrum, G. M., Chisholm, Jr., and Hodge.)

Chisholm, Harry L., Jr., Buffalo, N. Y. Oil cooler controlling structure. 2,353,610; July 11.

Chisholm, Harry L., Jr., Buffalo, N. Y., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Oil cooler controlling structure. 2,353,546; July 11.

Chisholm-Ryder Company. (See De Back, William, assignor.)

Chiti, Aroldo, Turin, Italy; vested in the Alien Property Custodian. Vehicle lamp. 2,338,901; Jan. 11.

Chitwood, Henry C., Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Making piperazine compounds. 2,345,236; Mar. 28.

Chitwood, Henry C., Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Substituted dioxanes. 2,361,456; Oct. 31.

Chitwood, Henry C., Charleston, and R. W. McNamee, South Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation. Piperazino-piperazines. 2,345,237; Mar. 28.

Choate, Roy E., and E. W. Austin, assignor to La Plant-Choate Manufacturing Company, Incorporated, Cedar Rapids, Iowa. Excavator. 2,347,882; May 2.

Chojnowski, Francis J., Chicago, Ill., assignor to The John Gable Manufacturing Company. Automatic phonograph control. 2,362,244; Nov. 7.

Cholewa, Max, Berlin-Charlottenburg, Germany, assignor to General Electric Company. Transformer. 2,341,903; Feb. 15.

Chollar, Robert G., assignor to The National Cash Register Company, Dayton, Ohio. Porous resilient printing plate. 2,349,613; May 23.

Chollar, Robert G., assignor to The National Cash Register Company, Dayton, Ohio. Making resilient porous products. 2,353,877; July 18.

Chollar, Robert G., assignor to The National Cash Register Company, Dayton, Ohio. Mold manufacture. 2,356,380; Aug. 22.

Chollar, Robert G., assignor to The National Cash Register Company, Dayton, Ohio. Ink roll structure. 2,358,851; Sept. 26.

Chomette, André, Neuilly-sur-Seine, and R. Thiollet, Paris, France; vested in the Alien Property Custodian. Manufacturing products from rubber and products obtained through said method. 2,356,564; Aug. 22.

Chorpenning, Homer O., Akron, Ohio. Combined window and blind construction. 2,340,411; Feb. 1.

Chouinard, Alfred F. (See Mott, C., and Chouinard.)

Chouinard, Alfred F. (See Mott, C., Chouinard, and Harding.)

Chouinard, Alfred F., Chicago, and L. A. Bordeaux, Lincolnwood, assignors to National Cylinder Gas Company, Chicago, Ill. Torch cutting machine. 2,356,215; Aug. 22.

Chouings, Leslie C., assignor to Automotive Products Company Limited, Leamington Spa, England. Liquid pressure actuated pump. 2,356,917; Aug. 29.

Chow, Bacon F. (See van Dyke, H. B., Chow, and Greep.)

Chow, Bacon F. (See van Dyke, H. B., Greep, and Chow.)

Chown, Samuel R. (See Molins, D. W., Ruau, and Chown.)

Chrisman, Horace, Edgewood, assignor to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Grooming kit. 2,338,836; Jan. 11.

Christ, Adolph G., assignor to Chicago Printed String Co., Chicago, Ill. Composite ribbon. 2,344,457; Mar. 14.

Christaldi, Peter S., Wood-Ridge, assignor to Allen B. DuMont Laboratories, Inc., Passaic, N. J. Cathode-ray ignition analyzer. 2,355,363; Aug. 8.

Christaldi, Peter S., Upper Montclair, A. Steadman, Nutley, and D. T. Wilber, Clifton, assignors to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Making lasting records. 2,345,549; Mar. 28.

Christen, Fritz, Zurich-Altstetten, Switzerland, assignor to Wander Company, Chicago, Ill. Magnesium alloy. 2,340,795; Feb. 1.

Christensen, Carl J., Flushing, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Switching device. 2,347,733; May 2.

Christensen, Carl J., Summit, and H. Christensen, Springfield, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Forming resistors and the like. 2,358,211; Sept. 12.

Christensen, Christian. (See Christensen, Geneva B. and C.)

Christensen, Edwin R., Salt Lake City, and G. L. Burr, Provo, Utah, assignors to Remington Arms Company, Inc., Bridgeport, Conn. Firearms implement. 2,359,897; Oct. 10.

Christensen, Geneva B. and C., New Rochelle, N. Y. Internal reflection lighting means. 2,347,665; May 2.

Christensen, Henry M., Copenhagen, Denmark; vested in the Alien Property Custodian. Sterilization of organic substances. 2,356,505; Aug. 22.

Christensen, Howard. (See Christensen, Carl J. and H.)

Christensen, James, Englewood, Colo. Cigarette holder. 2,356,971; Aug. 29.

Christensen, Jens P., Darrington, Wash. Calf feeder. 2,350,215; May 30.

Christiansen, John, Berwick, Pa., assignor to American Car and Foundry Company, New York, N. Y. Welded bolster center filler. 2,363,397; Nov. 21.

Christensen, Kaj S., Norwalk, assignor to Automatic Signal Corporation, East Norwalk, Conn. Cyclic circuit controller. 2,339,149; Jan. 11.

Christensen, Leo M., Moscow, Idaho, assignor to National Agrol Company, Inc., New York, N. Y. Saccharifying starchy materials. 2,342,330; Feb. 22.

Christensen, Leo M., Moscow, Idaho, assignor to National Agrol Company, Inc., New York, N. Y. Fermentative production of 2,3-butylene glycol. 2,344,025; Mar. 14.

Christensen, Leo M., Moscow, Idaho, assignor to National Agrol Company, Inc., New York, N. Y. Producing alcohol. 2,348,451; May 9.

Christensen, Leo M., Moscow, Idaho, assignor to National Agrol Company, Inc., New York, N. Y. Promoting mold growth. 2,352,168; June 27.

Christensen, Leo M., Moscow, Idaho, assignor to National Agrol Company, Inc., New York, N. Y. Retarding the decomposition of unfermented matter during fermentation. 2,356,381; Aug. 22.

Christensen, Leo M., Moscow, Idaho, assignor to National Agrol Company, Inc., New York, N. Y. Producing butylene glycol. 2,358,212; Sept. 12.

Christensen, Leo M., Atchison, Kans., assignor to The Chemical Foundation, Incorporated. Treatment of distillery residues. 2,345,238; Mar. 28.

Christensen, Leo M., Miller, assignor of one-third to F. L. Robinson, Kearney, Nebr., and one-third to J. L. Ledbetter, Jr., Scarsdale, N. Y. Fermentation process for production of ethano. 2,356,218; Aug. 22.

Christensen, Leo M., Miller, Nebr., assignor to National Agrol Company, Inc., New York, N. Y. Increasing the diastase content of materials. 2,359,356; Oct. 3.

Christensen, Leo M., Miller, assignor of one-third to F. L. Robinson, Kearney, Nebr., and one-third to J. L. Ledbetter, Jr., Scarsdale, N. Y. Fermentation process for production of ethanol. 2,362,451; Nov. 14.

Christensen Machine Company, The. (See Belluche, Frank R., assignor.)

Christensen, Niels C., Salt Lake City, Utah. Treatment of zinc carbonate ores. 2,363,572; Nov. 28.

Christensen, Norman V., assignor to Union Special Machine Company, Chicago, Ill. Sewing machine. 2,360,048; Oct. 10.

Christensen, Norman V., Chicago, G. Sauer, Berwyn, and N. Wallenberg, assignors to Union Special Machine Company, Chicago, Ill. Sewing machine. 2,363,774; Nov. 28.

Christensen, Olaf. (See Oftedal, P. R., and Christensen.)

Christensen, Paul M., Newington, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Thermal relay unit. 2,343,862; Mar. 14.

Christensen, Paul M., Newington, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Thermal circuit breaker. 2,352,517; June 27.

Christensen, Paul M., Newington, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Contact construction. 2,354,501; July 25.

Christensen, Paul M., Newington, Conn., assignor, by mesne assignments, to Federal Electric Products Company, Inc., Newark, N. J. Hinge construction for boxes. 2,359,621; Oct. 3.

Christensen, Paul M., Newington, and R. P. Ballou, West Hartford, assignors to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Motor starter. 2,347,934; May 2.

Christenson, Gust J. (See Larson, B. E., and Christenson.)

Christenson, Gust J., assignor to Locomotive Firebox Company, Chicago, Ill. Locomotive boiler firebox. 2,356,216; Aug. 22.

Christenson, Gust J., assignor to Locomotive Firebox Company, Chicago, Ill. Locomotive front end. 2,356,217; Aug. 22.

Christenson, Harry N., assignor to Racine Screw Works, Racine, Wis. Drill jig. 2,349,142; May 16.

Christian, David A., Batley, assignor to Siemens Brothers & Co. Limited, London, England. Telephone or like impulsing system. 2,358,145; Sept. 12.

Christian, David A., and B. A. Hensler, London, assignors to Siemens Brothers & Co. Limited, Westminster, London, England. Telephone system. 2,339,376; Jan. 18.

Christian, David A., and D. L. Clay, London, assignors to Siemens Brothers & Co. Limited, Westminster, London, England. Telephone or like system. 2,350,589; June 6.

Christiani, August F., Red Lodge, Mont. Venetian blind. 2,365,248; Dec. 19.

Christiansen, Aage, Russhov, near Aarhus, Denmark; vested in the Alien Property Custodian. Purification of phosphatides. 2,356,382; Aug. 22.

Christiansen, Andrew L., Willowbrook, Calif. Fish beheading machine. 2,355,509; Aug. 8.

Christiansen, Christian, St. Cloud, Minn. Root harvesting machine. 2,357,810; Sept. 12.

Christiansen, Milton J. (See Beaulieu, E. J., and Christiansen.)

Christianson, Oscar, as trustee. (See Conradson, Conrad M., assignor.)

Christie, Alfred, Washington Grove, Md., assignor to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. High-frequency desiccator. 2,360,108; Oct. 10.

Christman, Clarence C. (See Major, R. T., Christman, and Folkers.)

Christman, John M., Detroit, Mich. Eyeglasses. 2,350,386; June 6.

Christman, John M., assignor to Packard Motor Car Company, Detroit, Mich. Apparatus for crowning gear teeth. 2,364,947; Dec. 12.

Christman, Peter J., assignor to Paper Converting Machine Co., Inc., Green Bay, Wis. Rewinding machine. 2,361,264; Oct. 24.

Christman, Peter J., assignor to Paper Converting Machine Co., Inc., Green Bay, Wis. Rewinding machine. 2,361,265; Oct. 24.

Christmann, John L., Passaic, N. J. Integrator. 2,365,937; Dec. 26.

Christmann, Ludwig J., Yonkers, N. Y., D. W. Jayne, Jr., Old Greenwich, and S. E. Erickson, Springdale, Conn., assignors to American Cyanamid Company, New York, N. Y. Froth flotation of acidic minerals. 2,356,821; Aug. 29.

Christmann, Ludwig J., Yonkers, N. Y., D. W. Jayne, Jr., Old Greenwich, Conn., and S. E. Erickson, Calumet, Minn., assignors to American Cyanamid Company, New York, N. Y. Mineral concentration. 2,364,272; Dec. 5.

Christofel, Donald L., East Cleveland, assignor to The Gabriel Company, Cleveland, Ohio. Shock absorber. 2,351,662; June 20.

Christoffersen, Christoffer, Cedar Grove, N. J., assignor to Gibbs & Cox, Incorporated, New York, N. Y. Cargo handling device. 2,354,182; July 25.

Christopher, Edward F., assignor to Industrial Patents Corporation, Chicago, Ill. Skins and dehairing. 2,346,907; Apr. 18.

Christopher, Edward F., assignor to Industrial Patents Corporation, Chicago, Ill. Dehairing skins. 2,363,878; July 18.

Christopher, George P., assignor to L. S. Christopher, Seattle, Wash. Utensil lid. 2,348,452; May 9.

Christopher, Lillian S. (See Christopher, George P., assignor.)

Christy, Elmer W., and W. S. Dickson, Cincinnati, Ohio. Mechanical movement. 2,339,978; Jan. 25.

Chromogen, Incorporated. (See Gáspár, Béla, assignor.)

Chromogen, Incorporated. (See Jaffé, Fritz, assignor.)

Chromogen, Incorporated. (See Michaelis, Walter, assignor.)

Chromy, Ben J. (See Brown, Lloyd, assignor.)

Chronotype Corporation. (See Cooney, Peter A., assignor.)

Chrysler Corporation. (See Ackerman, Paul C., assignor.)

Chrysler Corporation. (See Bailey, Edgar L., assignor.)

Chrysler Corporation. (See Baird, Donald A., assignor.)

Chrysler Corporation. (See Baker, I. C., and Gonzalez, assignors.)

Chrysler Corporation. (See Ball, Thomas M., assignor.)

Chrysler Corporation. (See Blay, H. P., and Thannhauser, assignors.)

Chrysler Corporation et al. (See Boyce, L. D., and (McKechnie, assignor).)

Chrysler Corporation. (See Breer, C., and Ackerman, assignors.)

Chrysler Corporation. (See Calkins, William G., assignor.)

Chrysler Corporation. (See Caton, Joseph D., assignor.)

Chrysler Corporation. (See Cousino, Walter P., assignor.)

Chrysler Corporation. (See Dickson, John B., assignor.)

Chrysler Corporation. (See Dunn, William T., assignor.)

Chrysler Corporation. (See Eddins, Daniel S., assignor.)

Chrysler Corporation. (See Fishburn, Otto E., assignor.)

Chrysler Corporation. (See Gilfillan, Henry W., assignor.)

Chrysler Corporation. (See Gilfillan, H. W., and Bailey, assignors.)

Chrysler Corporation. (See Hansen, Wray C., assignor.)

Chrysler Corporation. (See Herreshoff, A. G., and Lamb, assignors.)

Chrysler Corporation. (See Huebner, G. J., Jr., and Pennington, assignors.)

Chrysler Corporation. (See Hunt, J. H., and Woolson, assignors.)

Chrysler Corporation. (See Iavelli, Teno, assignor.)

Chrysler Corporation. (See Jackson, Clifford C., assignor.)

Chrysler Corporation. (See Keller, Kaufman T., assignor.)

Chrysler Corporation. (See La Brie, Ludger E., assignor.)

Chrysler Corporation. (See Livar, Allen P., assignor.)

Chrysler Corporation. (See Loofbourrow, Alan G., assignor.)

Chrysler Corporation. (See Matulaitis, Victor E., assignor.)

Chrysler Corporation. (See Maurer, Edwin R., assignor.)

Chrysler Corporation. (See McKechnie, Ian C., assignor.)

Chrysler Corporation. (See Mulhern, William A., assignor.)

Chrysler Corporation. (See Neracher, Carl A., assignor.)

Chrysler Corporation. (See Neracher, C. A., Dunn, Syrovy, and Schotz, assignors.)

Chrysler Corporation. (See Patterson, Herbert F., assignor.)

Chrysler Corporation. (See Pennington, Gordon R., assignor.)

Chrysler Corporation. (See Ross, Albert W., assignor.)

Chrysler Corporation. (See Saunders, S. G., and Morrison, assignors.)

Chrysler Corporation. (See Slack, Frederick W., assignor.)

Chrysler Corporation. (See Smith, Claude H., assignor.)

Chrysler Corporation. (See Steensen, Bernard, assignor.)

Chrysler Corporation. (See Syrovy, A. J., Dunn, and Schotz, assignors.)

Chrysler Corporation. (See Thomas, Ulysses L., assignor.)

Chrysler Corporation. (See Tyken, J. G., and Oestman, assignors.)

Chrysler Corporation. (See Voorhees, H. R., and Simons, assignors.)

Chrysler Corporation. (See Wallace, David A., assignor.)

Chrysler Corporation. (See Webb, Edmond F., assignor.)

Chrysler Corporation. (See Werdehoff, Albert B., assignor.)

Chrysler Corporation. (See Williams, Burdell S., assignor.)

Chrysler Corporation. (See Wyld, Reginald G., assignor.)

Chrysler Corporation. (See Zeeb, Elmer G., assignor.)

Chubb, Leroy B., Williamsport, Pa., assignor, by mesne assignments, to The Aviation Corporation, New York, N. Y. Manufacture of propeller blades. 2,354,198; July 25.

Chubb, Lewis W., Jr., trustee. (See Smith, Robert A., assignor.)

Chubb, Lewis W., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Remote indicator. 2,359,085; Sept. 26.

Chubbuck, Horace A. (See Miller, L., and Chubbuck.)

Chubbuck, Horace A., assignor to Ford Motor Company, Dearborn, Mich. Electrical apparatus. 2,356,972; Aug. 29.

Church, Eric H., assignor to Benjamin Electric Mfg. Company, Des Plaines, Ill. Electric horn. 2,352,602; July 4.

Church, Franklin O., assignor to Dunlop Tire and Rubber Corporation, Buffalo, N. Y. Spring cushion construction. 2,342,388; Feb. 22.

Church, Franklin O., assignor to Dunlop Tire and Rubber Corporation, Buffalo, N. Y. Respirator. 2,360,476; Oct. 17.

Church, Joseph H. (See Landen, W. J., Church, and Thibodeau.)

Church, Joseph H., Austin, Minn. Range finder. 2,343,279; Mar. 7.

Church, Joseph H., Austin, Minn. Rotating band. 2,353,693; July 18.

Church, Joseph H., Austin, Minn., and G. J. Kessenich, Madison, Wis. Fuse. 2,344,968; Mar. 28.

Church, Joseph H., U. S. Army, Austin, Minn., and E. A. Ruestow, U. S. Army, Cleveland, Ohio. Protecting against attacking aircraft. 2,354,665; Aug. 1.

Church, Joseph H., Austin, Minn., and W. E. Thibodeau, Cleveland, Ohio. Projectile. 2,359,301; Oct. 3.

Church, Joseph H., Austin, Minn., and G. J. Kessenich, Madison, Wis. Fuse. 2,362,987; Nov. 21.

Church, Walter L., Houston, Tex. Wall scraper and well logging tool. 2,344,598; Mar. 21.

Church, Walter L., Houston, Tex. Well pump. 2,348,959; May 16.

Church, Walter L., Houston, Tex. Well pump. 2,364,600; Dec. 12.

Church, Walter L., assignor of one-half to C. Ware, Houston, Tex. Packer assembly. 2,352,423; June 27.

Churchill, David C., Berea, Ky. Shuttle drive mechanism for looms. 2,360,050; Oct. 10.

Churchill, George R., Hingham, Mass. Buffing wheel. 2,350,216; May 30.

Churchill, Leonard R., Bayonne, N. J., J. E. Schott, New York, N. Y., and S. P. Waugh, Bayonne, N. J., assignors, by mesne assignments, of three-fourths to Tide Water Associated Oil Company, New York, N. Y. Chlorinating mineral oil. 2,365,053; Dec. 12.

Churchill, Wilmer H., Saugus, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Sheet metal fabric clip. 2,345,325; Mar. 28.

Churchill, Wilmer H., Saugus, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Reinforced fastener socket member. 2,345,326; Mar. 28.

Churchill, Wilmer H., Saugus, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Fastener secured installation and fastener therefor. 2,360,647; Oct. 17.

Churchward, Jack, assignor of one-half to M. A. Farnham, and one-half to M. S. Churchward, New Haven, Conn. Handle assembly for electrical devices. 2,357,457; Sept. 5.

Churchward, Martha S., et al. (See Churchward, Jack, assignor.)

Churchward, Martha S., et al. (See Gosch, Winkler C., assignor.)

Chute, Stanley J., Ridgewood, N. J., and H. F. Buschow, Flushing, assignors to The M. W. Kellogg Co., New York, N. Y. Heat exchanger. 2,349,143; May 16.

Chwala, August, Vienna, Germany; vested in the Alien Property Custodian. Glucosidic compounds and making them. 2,356,505; Aug. 22.

Chwalow, Morton L. E., Philadelphia, Pa. Sighting device. 2,358,316; Sept. 19.

Chyle, John J., Wauwatosa, assignor to A. O. Smith Corporation, Milwaukee, Wis. Arc welding. 2,340,796; Feb. 1.

Chyle, John J., Wauwatosa, assignor to A. O. Smith Corporation, Milwaukee, Wis. Electric arc welding. 2,356,822; Aug. 29.

Ciabattari, Emil J., Chicago, Ill., assignor to Yeomans Brothers Company, Control of duplex pneumatic sewage ejectors. 2,362,802; Nov. 14.

Clarione, Joseph, Fitchburg, Mass. Shears. 2,353,294; July 11.

Ciba Pharmaceutical Products, Incorporated. (See Hartmann, M., and Schlittler, assignors.)

Ciba Pharmaceutical Products Incorporated. (See Hoffmann, K., and Panizzon, assignors.)

Ciba Pharmaceutical Products, Incorporated. (See Miescher, Kurl, assignor.)

Ciba Pharmaceutical Products, Incorporated. (See Miescher, K., Fischer, and Heer, assignors.)

Ciba Pharmaceutical Products, Incorporated. (See Miescher, K., and Heer, assignors.)

Ciba Pharmaceutical Products, Incorporated. (See Miescher, K., and Scholz, assignors.)

Ciba Pharmaceutical Products, Incorporated. (See Miescher, K., and Wettstein, assignors.)

Ciba Pharmaceutical Products Incorporated. (See Reichstein, Tadeus, and Frey, assignors.)

Ciba Pharmaceutical Products, Incorporated. (See Ruzicka, Leopold, assignor.)

Ciba Pharmaceutical Products, Incorporated. (See Ruzicka, L., and Goldberg, assignors.)

Ciba Pharmaceutical Products, Incorporated. (See Ruzicka, L., and Reichstein, assignors.)

Ciba Products Corporation. (See Landolt, A., and Ruperti, assignors.)

Ciba Products Corporation. (See Widmer, G., and Fisch, assignors.)

Cieeske, Harry J., Plum Township, Allegheny County, Pa. Mortar spreader. 2,341,691; Feb. 15.

Cidonio, Anthony L., San Bruno, assignor to Schor Manufacturing Co., San Francisco, Calif. Making waterproof strands. 2,357,503; Sept. 5.

Ciell, August C., Philadelphia, Pa. Abrasive wheel and making it. 2,342,121; Feb. 22.

Ciesa, Giovanni, and A. O. Hoenke, Chicago, S. Kopas, Jr., Homewood, and W. G. Shapkauski, assignors to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Jig. 2,342,179; Feb. 22.

Cinch Manufacturing Corporation. (See Del Camp, Scipione M., assignor.)

Cinch Manufacturing Corporation. (See Hannigan, Emmet E., assignor.)

Cinch Manufacturing Corporation. (See MacFadden, Wilford C., assignor.)

Cincinnati Bickford Tool Company, The. (See Schauer, Lawrence L., assignor.)

Cincinnati Grinders Incorporated. (See Haas, F. S., Graves, and Janke, assignors.)

Cincinnati Industries, Inc. (See Rowe, William W., assignor.)

Cincinnati Milling Machine Co., The. (See Averill, W. D., and Hamelberg, assignors.)

Cincinnati Milling Machine Co., The. (See Blood, L. H., and Ernst, assignors.)
Cincinnati Milling Machine Co., The. (See Decker, Jacob, assignor.)
Cincinnati Milling Machine Co., The. (See Hassman, Fred A., assignor.)
Cincinnati Milling Machine Co., The. (See Hoier, Walter, assignor.)
Cincinnati Milling Machine Co., The. (See Martellotti, Mario E., assignor.)
Cincinnati Milling Machine Co., The. (See Nenninger, L. F., Vancil, and Hassman, assignors.)
Cincinnati Planer Company, The. (See Daugherty, Jesse, assignor.)
Cincinnati Shaper Company, The. (See Hazelton, M. W., and Diserens, assignors.)
Cinnamon Bun Machine Co. (See Grimm, W. C., and Linneman, assignor.)
Cintron, Esequiel B., New York, N. Y. Lady's heel. 2,341,209; Feb. 8.
Cintron, Esequiel B., New York, N. Y. Shoe heel. 2,340,936; Oct. 24.
Cislak, Francis E., and W. R. Wheeler, assignors to Reilly Tar & Chemical Corporation, Indianapolis, Ind. Purifying 3-picoline. 2,338,571; Jan. 4.
Cissell, William M., near Louisville, Ky. Apparatus for spotting fabric materials. 2,346,821; Apr. 18.
Cissell, William M., St. Matthews, near Louisville, Ky. Spotting board. 2,360,331; Oct. 17.
Cissell, William M., St. Matthews, near Louisville, Ky. Electric pressing iron. 2,365,332; Dec. 19.
Ciuski, Irving, Schiller Park, assignor to General Scientific Corporation, Chicago, Ill. Making focusing lens mounts. 2,346,291; Feb. 11.
Cities Service Oil Company. (See Brandt, David G., assignor.)
Cities Service Oil Company. (See Brandt, D. G., and Wynn, assignors.)
Cities Service Oil Company. (See De Villiers, Truman E., assignor.)
Cities Service Oil Company. (See Engelke, Ernest F., assignor.)
Cities Service Oil Company. (See Forney, William E., assignor.)
Cities Service Oil Company. (See Kaplan, William, assignor.)
Cities Service Oil Company. (See Lembcke, Richard E., assignor.)
Cities Service Oil Company. (See Miller, Benjamin, assignor.)
Cities Service Oil Company. (See Morgan, John D., assignor.)
Cities Service Oil Company. (See Morgan, J. D., and Anderson, assignors.)
Cities Service Oil Company. (See Morgan, J. D., and Lang, assignors.)
Cities Service Oil Company. (See Morgan, J. D., and Lowe, assignors.)
Cities Service Oil Company. (See Workman, Arnold B., assignor.)
Cito, Camillo, Uccle-Brussels, Belgium; vested in the Alien Property Custodian. Welding rod or electrode. 2,340,387; June 6.
Citrus Processes, Inc. (See Lissauer, A. W., and Credo, assignors.)
City National Bank and Trust Company of Chicago. (See Baur, H. J., and Kulo, assignors.)
Claborn, Houston V., Arlington, Va., dedicated to the free use of the people in the territory of the United States. Esters of acetyllactyllactic acid and making same. 2,340,388; June 6.
Clack, Basil N., Wembley, and C. E. Ransley, Sudbury, England, assignors to General Electric Company. Electrode for discharge devices. 2,338,837; Jan. 11.
Clade, Robert, Detroit, Mich., assignor to American Car and Foundry Company, New York, N. Y. Plug valve. 2,341,692; Feb. 15.
Claffey, Joseph B., Philadelphia, Pa., assignor to The United Gas Improvement Company. Treatment of gas scrubbing agents. 2,344,969; Mar. 28.
Clagett, William H., Jr., Mason City, Wash., assignor to Koehring Company, Milwaukee, Wis. Determining the consistency of concrete mixtures. 2,357,083; Aug. 29.
Clampett, William M. (See Bogg, William A., Jr.)
Clancy, Gilbert E., Santa Fe, N. Mex., assignor to Drayer & Hanson, Incorporated, Los Angeles, Calif. Heat transfer apparatus. 2,346,822; Apr. 18.
Clancy, Gilbert E., assignor to Drayer & Hanson, Incorporated, Los Angeles, Calif. Heat exchange apparatus. 2,364,130; Dec. 5.
Clanton, Earl S., Fresno, Calif. Nonslip holder for cake soap. 2,339,000; Jan. 11.
Clapham, Harry F. (See Dahlen, M. A., and Clapham.)
Clapp, Channing P. (See Geiger, C. F., Clapp, and Kempf.)
Clapp, Revere E., Groton, Conn. Marine poppet valve. 2,341,018; Feb. 8.
Clapsadle, Leo J., Buffalo, and G. B. Graham, Kenmore, N. Y., assignors to Carbide and Carbon Chemicals Corporation. Noncorrosive heat-transfer liquid. 2,349,338; May 23.
Clare, C. P., and Co. (See Clare, Carl P., assignor.)
Clare, Carl P., Arlington Heights, assignor to C. P. Clare and Co., Chicago, Ill. Electric relay system. 2,355,055; Aug. 8.
Clare, Irwin C., Elmhurst, assignor to Hercules Powder Company, Wilmington, Del. Resinous ester. 2,340,043; Jan. 25.
Clare, Norval D., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Metal refining process. 2,342,102; Feb. 22.
Clarin, Werner E., assignor of one-half to A. J. Jacobson, Chicago, Ill. Folding chair. 2,360,400; Oct. 17.
Clark, Alfred S., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine for operating upon shoes. 2,347,666; May 2.
Clark, Breckinridge T., assignor to E. H. Jacobs Mfg. Co., Inc., Danielson, Conn. Picker and making same. 2,341,904; Feb. 15.
Clark, Breckinridge T., assignor to E. H. Jacobs Mfg. Co., Inc., Danielson, Conn. Reinforced tapered lug strap and making. 2,349,705; May 23.
Clark, Carl L., Warren, Ohio. Machine for working sheet metal articles. 2,357,793; Sept. 12.
Clark, Charles C. Buffalo, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Aminated chlorinated paraffins. 2,361,457; Oct. 31.
Clark, Charles H., assignor, by mesne assignments, of one-half to P. F. Schumacher, San Francisco, Calif. Folding and nonfolding marine craft. 2,353,013; July 4.
Clark, Charles H., Emporium, Pa., assignor to American Cyanamid & Chemical Corporation, New York, N. Y. Machine for filling containers. 2,355,848; Aug. 15.
Clark, Charles R. (See Cole, P. J., Clark, and Waldron.)
Clark, Charles R., Springfield Township, Montgomery County, Pa., assignor, by mesne assignments, to Allied Chemical & Dye Corporation. Separation of xylene from hydrocarbon mixtures. 2,348,726; May 16.
Clark, Clyde W., Dearborn, Mich. Adjustment means for testing machines. 2,360,760; Oct. 17.
Clark, Daniel B., and R. C. Stevens, assignors to Twentieth Century-Fox Film Corporation, Los Angeles, Calif. Motion picture slating device. 2,339,377; Jan. 18.
Clark, Donald E., L. D. Pratt, and S. A. Coleman, San Diego, and H. C. Green, El Cajon, assignors to Kelco Company, Los Angeles, Calif. Method for drying kelp. 2,350,209; May 30.
Clark, Donald H., Sacramento, Calif. Interrupted stripe painting machine. 2,357,930; Sept. 12.
Clark, Earl K. (See Breckenridge, F., and Clark.)
Clark, Edgar H., Kew Gardens, N. Y. Translating and recording device. 2,351,663; June 20.
Clark, Edgar R., Syracuse, assignor to United States Hoffmann Machinery Corporation, New York, N. Y. Filtering apparatus. 2,342,035; Feb. 15.
Clark, Edward H., assignor to Mishawaka Rubber and Woolen Manufacturing Company, Mishawaka, Ind. Equipment for making spongy rubber cushions or the like. 2,342,920; Feb. 29.
Clark, Edward H., Mishawaka, Ind., assignor to United States Rubber Company, New York, N. Y. Feeder for sensitizing ingredients. 2,344,599; Mar. 21.
Clark, Edwin L., Collingswood, N. J., assignor to Radio Corporation of America. Radio receiver tone control circuit. 2,361,602; Oct. 31.
Clark, Elizabeth C., New York, N. Y. Pantie girdle. 2,363,775; Nov. 28.
Clark, Elvin C. and H. J., Montour, Iowa. Rearview mirror. 2,341,208; Feb. 8.
Clark, Emma A., Portland, Oreg. Maternity dress. 2,352,886; July 4.
Clark Equipment Company. (See Bixby, Leo A., assignor.)
Clark Equipment Company. (See Dunham, E. J., and Backofen, assignors.)
Clark Equipment Company. (See Ekins, William J. S., assignor.)
Clark Equipment Company. (See Lapsley, Robert, assignor.)
Clark Equipment Company. (See Lapsley, R., and Dence, assignors.)
Clark Equipment Company. (See Mills, Burton L., assignor.)
Clark Equipment Company. (See Williams, Alfred O., assignor.)
Clark, Ernest, Brockton, assignor to Abington Textile Machinery Works, Boston, Mass. Depositing apparatus. 2,354,796; Aug. 1.
Clark, Ernest E., Lubbock, Tex. Splicing clamp. 2,351,402; June 13.
Clark, Ernest E., Lubbock, Tex. Shock cord installation tool. 2,351,403; June 13.
Clark, Eugene E., assignor to American Screw Company, Providence, R. I. Fastener element. 2,359,898; Oct. 10.
Clark, Frank M., Pittsfield, Mass., assignor to General Electric Company. Solid dielectric. 2,340,644; Feb. 1.
Clark, Frank M., Pittsfield, Mass., assignor to General Electric Company. Insulating and dielectric composition. 2,341,760; Feb. 15.
Clark, Frank M., Pittsfield, Mass., assignor to General Electric Company. Dielectric and insulating composition. 2,341,761; Feb. 15.

Clark, Frank M., Pittsfield, Mass., assignor to General Electric Company. Dielectric composition. 2,358,627; Sept. 19.
Clark, Frank M., Pittsfield, Mass., assignor to General Electric Company. Dielectric composition. 2,358,628; Sept. 19.
Clark, Fred S., New York, N. Y., assignor to Ryan Jewelry Corporation. Diaper and shirt clasp. 2,352,147; June 20.
Clark, Frederick G., assignor to Eastman Machine Company, Buffalo, N. Y. Automatic control mechanism. 2,344,535; Mar. 21.
Clark, Genevieve, et al. (See Kogl, Frank, assignor.)
Clark, Halford R., assignor to Eastman Kodak Company, Rochester, N. Y. Manufacture of paper for photographic purposes. 2,346,008; Apr. 4.
Clark, Halford R., assignor to Eastman Kodak Company, Rochester, N. Y. Manufacture of paper for photographic purposes. 2,358,056; Sept. 12.
Clark, Harlan C. (See Klaiber, F. L., and Clark.)
Clark, Harold J. (See Clark, Elvin C. and H. J.)
Clark, Herbert B., Libertyville, assignor to Vascoloy-Ramet Corporation, North Chicago, Ill. Tipped cutting tool. 2,341,314; Feb. 8.
Clark, James, Bronx, N. Y. Baseball game device. 2,362,188; Nov. 7.
Clark, James D., et al. (See Amos, Howard W., assignor.)
Clark, James D'A., Appleton, Wis., assignor to The Institute of Paper Chemistry. Apparatus for determining the bursting strength of sheet material. 2,340,133; Feb. 1.
Clark, James, Dayton, Ohio. Excitation of vibration instructural members. 2,362,467; Nov. 14.
Clark, James E., Williston Park, N. Y., J. V. Domaleski, Wood Ridge, N. J., and V. L. Ronci, Brooklyn, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electronic discharge device. 2,356,566; Aug. 22.
Clark, James K., Utica, assignor to Partlow Corporation, New Hartford, N. Y. Safety pilot burner. 2,340,734; Feb. 1.
Clark, Joe S., Cambridge, assignor to National Research Corporation, Boston, Mass. Vacuum gauge. 2,348,607; May 9.
Clark, John I. (See Martin, F. F., and Clark.)
Clark, John M., assignor to Packard Motor Car Company, Detroit, Mich. Hydraulic fluid. 2,345,586; Apr. 4.
Clark, John M., and R. E. Van Deventer, assignors to Packard Motor Car Company, Detroit, Mich. Hydraulic fluid. 2,345,585; Apr. 4.
Clark, John N., assignor of fifty percent to B. E. Keith Company, Dallas, Tex. Canopy and articulated frame. 2,346,554; Apr. 11.
Clark, John W., Westbrook, Maine, assignor to S. D. Warren Company, Boston, Mass. Paper with improved surface. 2,349,704; May 23.
Clark, John W., Westbrook, Maine, assignor to S. D. Warren Company, Boston, Mass. Making aluminum coated paper. 2,362,884; Nov. 14.
Clark, Kempton, Little Compton, R. I., and H. G. Vore, Jackson Heights, N. Y., assignors to American Seal-Kap Corporation of Delaware, Wilmington, Del. Bottle cap. 2,353,879; July 18.
Clark, Kendall, Oakwood, assignor to General Motors Corporation, Dayton, Ohio. Domestic appliance. 2,346,152; Apr. 11.
Clark, Kendall, Oakwood, assignor to General Motors Corporation, Dayton, Ohio. Domestic appliance. 2,361,266; Oct. 24.
Clark, Kenneth C., Watsonville, Calif. Vehicle coupler. 2,341,528; Feb. 15.
Clark, Kenneth C., Watsonville, Calif. Double track auxiliary wheel and tire carrier. 2,354,943; Aug. 1.
Clark, Kenneth C., Watsonville, Calif. Single track auxiliary wheel and tire carrier. 2,354,944; Aug. 1.
Clark, Llewellynn J., and W. F. Goosmann, assignors to The Tanglefoot Company, Grand Rapids, Mich. Atomizing apparatus. 2,362,885; Nov. 14.
Clark, Louis, assignor to Protecto Products Co., Inc., Pomona, Calif. Combined package and holder. 2,343,277; Mar. 7.
Clark, Lewis P., Hampton, N. H. Lawn mower trailer. 2,354,576; July 25.
Clark, Malcom S., Warren, Ohio, assignor to The Federal Machine and Welder Company. Apparatus for welding. 2,365,148; Dec. 12.
Clark, Minnie M., et al. (See Kogl, Frank, assignor.)
Clark, Ormond W. (See Watkins, W. H., Clark, and Swanson.)
Clark, Ralph W. (See Dunleavey, F. S., and Clark.)
Clark, Richard U., assignor, by mesne assignments, to The Magnavox Company, Fort Wayne, Ind. Porous condenser electrode. 2,359,970; Oct. 10.
Clark, Richard U., Fort Wayne, Ind., assignor to Fansteel Metallurgical Corporation, North Chicago, Ill. Getter. 2,362,468; Nov. 14.
Clark, Robert A., Jr., assignor to Glenmore Distilleries Company, Inc., Owensboro, Ky. Machine for corking bottles. 2,340,106; Jan. 25.
Clark, Robert H. (See Smith, Lawson A., assignor.)
Clark Thread Company, The. (See Burgeni, A., and Keown, assignors.)
Clark Thread Company, The. (See Camp, William M., assignor.)
Clark Thread Company, The. (See Shepherd, Thomas L., assignor.)
Clark, Trevor H. (See Deakin, G., and Clark.)
Clark, Victor R., Chicago, Ill. V-belt and fastener. 2,363,043; Nov. 21.
Clark, Walter R., assignor to Bridgeport Brass Company, Bridgeport, Conn. Preparing blanks for producing containers such as metallic cartridge cases or the like. 2,343,253; Mar. 7.
Clark, Willard F., Oak Park, and B. Jelinek, La Grange, assignors to Monarch Tool & Machinery Co., Chicago, Ill. Cap for gasoline tank filler pipe. 2,345,916; Apr. 4.
Clark, William A., Fellows, Calif., assignor, by mesne assignments, to The Texas Company, New York, N. Y. Gravel packing. 2,360,200; Oct. 10.
Clark, William A., assignor to L. A. Young Spring & Wire Corporation, Detroit, Mich. Spring assembly for back cushions. 2,364,948; Dec. 12.
Clark, William L., Oak Park, assignor to Illinois Felt Company, Chicago, Ill. Cushion construction. 2,339,617; Jan. 18.
Clark, Winslow B. M. (See Bucknam, J. H., and Clark.)
Clarke, Charles G., Palms, assignor to Twentieth Century-Fox Film Corporation, Los Angeles, Calif. Making composite pictures. 2,356,383; Aug. 22.
Clarke, Edgar W., Hamilton, Ontario, Canada. Apparatus for finishing hosiery and the like. 2,343,170; Feb. 29.
Clarke, Edith, Schenectady, N. Y., assignor to General Electric Company. Electric circuit. 2,339,052; Jan. 11.
Clarke, Edmund C., Jacksonville, Fla. Twist drill grinder. 2,363,482; Nov. 28.
Clarke, Gerard J. (See Fordyce, C. R., and Clarke.)
Clarke, Hans T., New York, and J. G. Stampfl, assignors to Eastman Kodak Company, Rochester, N. Y. Recovery of film scrap. 2,364,343; Dec. 5.
Clarke, John E. (See Hatch, L. A., and Clarke.)
Clarke, John E. (See Heltzer, H., and Clarke.)
Clarke, John E., assignor to Magnaflux Corporation, Chichago, Ill. Magnetic testing apparatus and method of magnetizing. 2,352,371; June 27.
Clarke, Louis A. (See Bruner, F. H., Clarke, and Sawyer.)
Clarke, Louis A. (See Goldsby, A. R., Pevere, Clarke, and Hatch.)
Clarke, Louis A. (See Pevere, E. F., Clarke, Hatch, and Bruner.)
Clarke, Louis A., Fishkill, F. H. Bruner, E. F. Pevere, and G. B. Hatch, Beacon, assignors, by mesne assignments, to The Texas Company, New York, N. Y. Manufacture of motor fuels. 2,340,412; Feb. 1.
Clarke, Robert B. F. F. (See Child, C. L., Clarke, and Habgood.)
Clarke, Robert E. (See Gloss, G. H., and Clarke.)
Clarke, Robert E., Palo Alto, assignor to Marine Magnesium Products Corporation, South San Francisco, Calif. Drying apparatus. 2,339,979; Jan. 25.
Clarke, Roland C., Whitley Bay, England. Hoisting gear and the like. 2,347,395; Apr. 25.
Clarke, Wedworth W., et al. (See Dreher, D. F., and Lanzit, assignors.)
Clarke, William W. (See Zademach, E. R., and Clarke.)
Clarkson, Alick, Bloomingdale Township, DuPage County, Ill. Cleaning apparatus. 2,350,876; June 6.
Clarkson, John L., Nashville, Tenn. Conveyer drive for loading machines. 2,340,509; Feb. 1.
Clarkson, John L., and A. B. Jackson, assignors to Clarkson Manufacturing Company, Nashville, Ill. Loading machine. 2,338,704; Jan. 11.
Clarkson Manufacturing Company. (See Clarkson, J. L., and Jackson, assignors.)
Clarkson, Richard G. (See Downing, F. B., and Clarkson.)
Clarkson, Richard G., Wilmington, Del., and C. J. Pedersen, Penns Grove, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilization of organic substances. 2,353,090; July 18.
Clarkson, Robert J., Hoganasville, Ga., assignor to United States Rubber Company, New York, N. Y. Mechanism for twisting together a plurality of strands. 2,343,535; Mar. 7.
Clarostat Manufacturing Co. Inc. (See Mucher, George J., assignor.)
Clarridge, Ralph E. (See Tate, K. L., Vogt, and Clarridge.)
Clasen, Clause J. W. (See Maatman, E. J., and Clasen.)
Clasen, John H. (See Evans, Russell T., and Clasen.)
Claude, André, Paris, France; vested in the Alien Property Custodian. Causing luminescent substances to adhere to glass walls. 2,344,081; Mar. 14.
Claude, Ernst, Saint Gallen, Switzerland. Keyboard for accordians. 2,341,082; Feb. 8.
Claudin, Jean, Paris, France; vested in the Alien Property Custodian. Manufacture of isothiocyanates. 2,338,902; Jan. 11.
Claus, Philip S., Redford, Mich. Tool feeding mechanism. 2,340,735; Feb. 1.
Claus, Philip S. Redford, Mich. Tool feeding mechanism. 2,346,359; Apr. 11.

Claus, Wilbur S., assignor to Campbell-Taggart Research Corporation, Kansas City, Mo. Method and apparatus for testing dough and the like. 2,347,082; Apr. 18.

Claus, William P., and G. S. Hill, Berwick, Pa., assignors to American Car and Foundry Company, New York, N. Y. Wheel handling tilt table. 2,345,728; Apr. 4.

Claus, William P., and G. S. Hill, Berwick, Pa., assignors to American Car and Foundry Company, New York, N. Y. Wheel receiving carriage. 2,345,729; Apr. 4.

Clausen, De Witt, assignor to Lucien I. Yeomans, Inc., Chicago, Ill. Spindle mounting. 2,356,506; Aug. 22.

Clausen, De Witt, assignor to Lucien I. Yeomans, Inc., Chicago, Ill. Milling machine. 2,363,831; Nov. 28.

Clausen, Henry P., White Plains, N. Y., assignor to The Gray Manufacturing Company, Hartford, Conn. Sound recording machine. 2,354,739; Aug. 1.

Clausen, Henry P., White Plains, N. Y., assignor to The Gray Manufacturing Company, Hartford, Conn. Continuous sound recording and reproducing system. 2,362,803; Nov. 14.

Clausing, George, Portsmouth, Ohio, assignor to Vulcan Corporation. Machine for smoothing surfaces. 2,352,690; July 4.

Clausing, Henry, assignor to Vulcan Corporation, Portsmouth, Ohio. Shoe tree. 2,361,531; Oct. 31.

Clausing, Henry and W., assignors to Vulcan Corporation, Portsmouth, Ohio. Apparatus for transcribing last contours. 2,352,695; July 4.

Clausing, Walter. (See Clausing, Henry and W.)

Claussen, William H. (See Cope, J. Q., and Claussen.)

Claveau, Emile, Paris, France; vested in the Alien Property Custodian. Two-stroke engine. 2,338,406; Jan. 4.

Clavel, Alexandre. (See Strasser, Fred, assignor.)

Clavijo y Garcia, Delina. (See Benito y de la Rosa, M., and Clavijo y Garcia.)

Clay Adams Co. Inc. (See Mathis, Waddy T., assignor.)

Clay, David L. (See Christian, D. A., and Clay.)

Clay, David L., assignor to Siemens Brothers & Co. Limited, London, England. Telephone system. 2,341,693; Feb. 15.

Clay, Murray G., assignor to The Beardsley & Piper Company, Chicago, Ill. Electrically propelled truck. 2,355,148; Aug. 8.

Clay, Murray G., and E. O. Beardsley, assignors to The Beardsley & Piper Company, Chicago, Ill. Molding machine. 2,339,001; Jan. 11.

Clay, Victor G. (See Hudson, F., and Clay.)

Claybourn, Glen L., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Metal-clad switchgear. 2,345,033; Mar. 28.

Claybourn, Leslie W., and E. A. Butler, assignors to The Turbuletics Corporation, Buffalo, N. Y. Spatula mill. 2,342,252; Feb. 22.

Clayton, Andrew B., Union, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine. 2,339,240; Jan. 18.

Clayton, Andrew B., Union, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine. 2,342,389; Feb. 22.

Clayton, Andrew B., Union, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Chain-stitch sewing machine. 2,345,327; Mar. 28.

Clayton, Andrew B., Union, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine. 2,350,726; June 6.

Clayton, Benjamin, Houston, Tex., assignor, by mesne assignments, to Refining, Unincorporated. Making soap and product thereof. 2,343,829; Mar. 7.

Clayton, Clifford C., Milwaukee, Wis. Pipe wrench. 2,365,054; Dec. 12.

Clayton Dewandre Company Limited. (See Willett, S. E., and Edge, assignors.)

Clayton, Harold E., assignor to R-B-M Manufacturing Company, Logansport, Ind. Automatic switch for compartment lights. 2,344,129; Mar. 14.

Clayton, James O. (See Farrington, B. B., Clayton, and Etsler.)

Clayton, James O. (See Kavanagh, F. W., Farrington, and Clayton.)

Clayton Manufacturing Company. (See Griswald, Donald G., assignor.)

Clayton, William J. (See Svendsen, E. C., and Clayton.)

Clayton, William J., and J. F. Schott, Mishawaka, Ind., assignors to United States Rubber Company, New York, N. Y. Top plate for molds. 2,360,201; Oct. 10.

Cleaners Specialties, Inc. (See Glover, William C., Jr., assignor.)

Clearing Machine Corporation. (See Nowak, A. K., and Bannon, assignors.)

Clearing Machine Corporation. (See Wacker, George W., assignor.)

Cleere, Delphia H., Pembina, N. Dak. Charge forming apparatus. 2,340,453; Feb. 1.

Cleis, Hilliard H., and R. T. Kauffman, New York, N. Y. Footwear. 2,346,415; Apr. 11.

Cleland, John, Tunbridge Wells, C. E. Goldup, Bybrook, Ashford, and C. F. M. Chambers, Ashford, England; said Goldup and said Chambers assignors to said Cleland. Timber hauling vehicle and hoist. 2,358,688; Sept. 19.

Clem, Everett W. (See Vedder, J. W., and Clem.)

Clemens, Edwin S., New Orleans, La., assignor to Water Reclaimer Corporation, Mobile, Ala. Water reclaimer mobile type. 2,358,559; Sept. 19.

Clemens, Robert F., Union City, N. J., assignor to The Dorr Company, New York, N. Y. Treatment of water softening sludge. 2,359,748; Oct. 10.

Clement, Frederick R., Coventry, England. Comparator. 2,362,615; Nov. 14.

Clements, David T., U. S. Army, Arlington, Va., and J. M. Kenderdine, U. S. Army, Silver Spring, Md. Nesting can. 2,360,849; Oct. 24.

Clements, Ernest W., assignor to A. A. Kramer, Kansas City, Kans. Clutch operation means. 2,349,239; May 23.

Clements, Frank O., Westerville, Ohio, and R. H. Terry and D. J. Henry, assignors to General Motors Corporation, Detroit, Mich. Making powdered iron. Re. 22,452; Clemm, John A., III. (See Newman, Strother M., assignor.)

Clemons, Dale R., Riverside, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for casting mounting surfaces on electrical condensers and the like. 2,341,362; Feb. 8.

Clench, Edward C. S., and Q. H. Carlton, assignors to Automotive Products Company Limited, Leamington Spa, England. Fluid pressure regulating device for fluid supply systems. 2,339,378; Jan. 18.

Clench, Edward C. S., and Q. H. Carlton, assignors to Automotive Products Company Limited, Leamington Spa, England. Profile duplicating machine. 2,346,823; Apr. 18.

Cleofe, Lawrence, New York, N. Y. Paddle wheel structure. 2,357,084; Aug. 29.

Clerke, John W., Bellaire, N. Y. Continuous press. 2,365,804; Dec. 26.

Cleve, Arthur F., El Paso, Tex., assignor to The American Rolling Mill Company, Middletown, Ohio. Manufacture of arch culverts. 2,358,960; Sept. 26.

Cleveland, Arch B. (See Bivans, Elbert L., assignor.)

Cleveland, Arch B. (See Cleveland, A. B., (Haag, and Ray, assignors).)

Cleveland, Arch B., Los Angeles, E. G. Haag, San Diego, and C. L. Ray, Los Angeles, Calif.; said Haag and said Ray assignors to said Cleveland. Closure locking device. 2,338,622; Jan. 4.

Cleveland Container Company, The. (See Douglas, Morris D., assignor.)

Cleveland Crane & Engineering Company, The. (See Anjeskey, Alphonse F., assignor.)

Cleveland Crane & Engineering Company, The. (See Medenwald, Arthur L., assignor.)

Cleveland Crane & Engineering Company, The. (See Wehr, William G., assignor.)

Cleveland Hobbing Machine Company, The. (See Cassel, William H., assignor.)

Cleveland Hobbing Machine Company, The. (See Staples, Otis E., assignor.)

Cleveland Patents, Incorporated. (See Hickok, Robert D., assignor.)

Cleveland Pneumatic Tool Company, The. (See Greve, Louis W., assignor.)

Cleveland Pneumatic Tool Company, The. (See Hoffar, Henry S., assignor.)

Cleveland Pneumatic Tool Company, The. (See Hope, John A., assignor.)

Cleveland Pneumatic Tool Company, The. (See Johnson, Arthur B., assignor.)

Cleveland Pneumatic Tool Company, The. (See Lear, Earl B., assignor.)

Cleveland Pneumatic Tool Company, The. (See Speth, Lloyd G., assignor.)

Cleveland Pneumatic Tool Company, The. (See Unetic, Andrew J., assignor.)

Cleveland Pneumatic Tool Company, The. (See Van Sittert, Paul, assignor.)

Cleveland Pneumatic Tool Company, The. (See Van Sittert, P., and Lev, assignors.)

Cleveland Pneumatic Tool Company, The. (See Van Sittert, P., and Speth, assignors.)

Cleveland Pneumatic Tool Company, The. (See Wallace, John F., assignor.)

Cleveland Punch & Shear Works Company, The. (See Longfield, William F., assignor.)

Cleveland Quarries Company, The. (See Barbour, H. C., and Miller, assignors.)

Cleveland Steel Products Corporation. (See Smith, W. J., and von Haase, assignors.)

Cleveland Tractor Company, The. (See Heaslet, James G., assignor.)

Cleveland Trencher Company, The. (See Askue, Albert R., assignor.)

Cleveland Welding Company, The. (See Mueller, Homer L., assignor.)

Cleveland Worm & Gear Company, The. (See Acker, George H., assignor.)

Cleven, Oluf L., Washington, D. C. Arc prevention circuit. 2,359,728; Oct. 3.

Cleverly, Edwin G., Cardington, Bedford, England. Terminal connecting grip for balloon flying and other cables. 2,348,608; May 9.

Clewell, Dayton H., and H. A. Maeder, Dallas, Tex., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Gravity meter. 2,355,421; Aug. 8.

Clickner, James E., Dearborn, Mich., assignor to The Flex-O-Tube Company. Detachable coupling. 2,360,761; Oct. 17.

Clifcorn, La Verne E. (See Boyd, J. M., Clifcorn, and Peterson.)

Clifford, Albert M., Stow, assignor to Wingfoot Corporation, Akron, Ohio. Rubbert hydrochloride. 2,356,973; Aug. 29.

Clifford, Albert M., Stow, assignor to Wingfoot Corporation, Akron, Ohio. Diene interpolymers and preparing the same. 2,356,974; Aug. 29.

Clifford, Albert M., Stow, assignor to Wingfoot Corporation, Akron, Ohio. Esters of acrylic acids. 2,363,044; Nov. 21.

Clifford, Albert M., Stow, and J. R. Long, assignors to Wingfoot Corporation, Akron, Ohio. Preparing alpha-aryl acrylonitriles. 2,362,049; Nov. 7.

Clifford, John P., Passaic, assignor to Richardson Scale Company, Clifton, N. J. By-pass for scales. 2,361,267; Oct. 24.

Clifford Manufacturing Co. (See Clifford, Walter B., assignor.)

Clifford, Walter B., assignor to Clifford Manufacturing Co., Boston, Mass. Joining radiator tubes and product thereof. 2,343,402; Mar. 7.

Clifton, Percy, Union City, and E. C. Keseler, Carlstad, N. J. Auto body wrecking press. 2,353,221; July 11.

Climax Molybdenum Company. (See Linz, Arthur, assignor.)

Cline, Allan J. (See Fankboner, Harland, assignor.)

Cline, Allen B., Rosemead, Calif. Denture repairing device. 2,356,447; Aug. 22.

Cline, Edwin L., Philadelphia, Pa., assignor to Allied Chemical & Dye Corporation, New York, N. Y. Producing resins of the coumarone-indene type. 2,344,026; Mar. 14.

Cline, Edwin L., Philadelphia, Pa., assignor, by mesne assignments, to Allied Chemical & Dye Corporation. Process for producing a resin of the indene-styrene-homolog coumarone type. 2,344,676; Mar. 21.

Cline, Edwin L., Philadelphia, Pa., assignor to Allied Chemical & Dye Corporation, New York, N. Y. Producing resin of the coumarone indene type. 2,345,962; Apr. 4.

Cline, Edwin L., Philadelphia, Pa., assignor, by mesne assignments, to Allied Chemical & Dye Corporation. Treatment of resin oils. 2,346,416; Apr. 11.

Cline, Edwin L., Philadelphia, Pa., assignor, by mesne assignments, to Allied Chemical & Dye Corporation. Treatment of resin oils and resin product resulting therefrom. 2,356,384; Aug. 22.

Cline, Edwin L., Philadelphia, Pa., and D. F. Gould, Riverton, N. J., assignors, by mesne assignments, to Allied Chemical & Dye Corporation. Production of coumarone-indene type resins. 2,340,413; Feb. 1.

Cline, Joseph K. (See Williams, R. R., and Cline.)

Cline, Leon E., assignor to Kimble Glass Company, Vineland, N. J. Machine for trimming glass ampoules. 2,362,115; Nov. 7.

Clingman, Palmer, Fairfield, Conn. Torsionmeter. 2,353,691; July 18.

Cloer, William R., Hickory, N. C. Nail holding tool. 2,349,339; May 23.

Clopay Corporation. (See Thexton, Arthur L., assignor.)

Clopay Corporation. (See Ziegler, Albert F., assignor.)

Clopton, Mort L. (See Phillips, Ralph A., assignor.)

Close, John W., Lombard, and C. H. Hoot, Chicago, Ill., assignors to United Wall Paper Factories, Inc. Treatment of printing felts. 2,345,179; Mar. 28.

Cloud, Kenneth. (See Ginn, E., and Cloud.)

Cloud, Raymond T., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Pendulum compensator. 2,362,616; Nov. 14.

Clough, Jerome L., Milwaukee, Wis. Coin controlled motion picture apparatus. 2,352,077; June 20.

Clough, John W., Parlin, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coating composition. 2,357,458; Sept. 5.

Clouser, Carl R., North Weymouth, Mass. Baler. 2,364,518; Dec. 5.

Cloutier, Ellery J., Muskegon, Mich., assignor to The Brunswick-Balke-Collender Company, Chicago, Ill. Seat or bench structure for bowling alleys. 2,338,838; Jan. 11.

Cloutier, George Douglas, assignor to Ternstedt Manufacturing Company, Detroit, Mich. Stamped metal outside handle. 2,339,980; Jan. 25.

Clover Leaf Manufacturing Co. (See Bennett, Rexford P., assignor.)

Clovis, Paul C., Kenilworth, Ill. Splash dampener for beverage containers. 2,362,354; Nov. 7.

Club Aluminum Products Co. (See Peterson, Amos, assignor.)

Cluett, George B., 2d. (See Lake, Thomas A. E., assignor.)

Cluett, Peabody & Co. (See Schreiner, George A., assignor.)

Clunan, Albert B., Barberton, assignor to Wingfoot Corporation, Akron, Ohio. Packaging eggs and the like. 2,340,260; Jan. 25.

Clute, Gerald P., Drexel Hill, Pa., assignor to General Electric Company. Operating mechanism. 2,358,146; Sept. 12.

Clyburn, Andrew D. (See Forman, J., and Clyburn.)

Clydesdale, Alexander, Jr., et al. (See Ingram, Bernard J.)

Coakley, John H., Jr., Medford, Mass. Mailing card and envelope. 2,350,149; May 30.

Coal Logs Co. Inc., The. (See Storrs, Kindred L., assignor.)

Coast Metals, Inc. (See Cape, A. T., and Foerster, assignors.)

Coast Metals, Inc. (See Cape, Arthur T., assignor.)

Coast Reduction, Inc. (See Griswold, Howard L., assignor.)

Coates, Erwin F., St. Paul, Minn. Protective nail device. 2,342,530; Feb. 22.

Coates, Gilbert E., Laurens, Iowa. Hay rake and stacker. 2,351,926; June 20.

Coates, Henry, and B. A. Vuille, assignors to Watford Electric & Manufacturing Company Limited, Watford, England. Apparatus for controlling the maximum demand of electric power-loads. 2,348,058; May 2.

Coates, Neligh C., Kansas City, Mo. Portable derrick. 2,338,317; Jan. 4.

Coates, Neligh C., Kansas City, Mo. Mounting and guard for rotary cutters. 2,338,318; Jan. 4.

Cobb, Clifton A. (See Kiehlar, L., Cobb, and James.)

Cobb, Leland D., Forestville, Conn., assignor to General Motors Corporation, Detroit, Mich. Spindle. 2,350,272; May 30.

Cobb, Leland D., Forestville, Conn., assignor to General Motors Corporation, Detroit, Mich. Top roll. 2,355,510; Aug. 8.

Cobb, Leland D., Forestville, Conn., assignor to General Motors Corporation, Detroit, Mich. Top roll. 2,355,511; Aug. 8.

Cobb, Margaret R., Redondo Beach, Calif. Beach and bathing garment. 2,341,596; Feb. 15.

Cobb, Philip G., Scotch Plains, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Producing magnetic structures. 2,346,555; Apr. 11.

Coberly, Clarence J., Los Angeles, Calif., assignor to Roko Corporation, Reno, Nev. Fluid operated pump assembly. 2,338,903; Jan. 11.

Coburn, John L., and M. R., Des Moines, Iowa. Draft control. 2,359,465; Oct. 3.

Coburn, Matthew R. (See Coburn, John L. and M. R.)

Coburn, Merton A., Balboa, C. Z. Engine. 2,343,748; Mar. 7.

Coca, Arthur F., Oradell, N. J., assignor to Lederle Laboratories, Inc., New York, N. Y. Preservation of dried blood grouping serum. 2,357,253; Aug. 29.

Cochran, Avery M., U. S. Army, Colorado Springs, Colo. Toboggan. 2,364,174; Dec. 19.

Cochran, Charles W., Houston, Tex., and F. R. Lake, assignors to Continental Oil Company, Ponca City, Okla. Fluid sampling device. 2,350,323; June 6.

Cochrane Corporation. (See Gebert, R. C., and Carson, assignors.)

Cochran, Clyde E., assignor to The Elwell-Parker Electric Company, Cleveland, Ohio. Controller for industrial trucks. 2,338,097; Jan. 4.

Cochran, Clyde E., Cleveland, Ohio, assignor to The Elwell-Parker Electric Company. Industrial truck. 2,361,268; Oct. 24.

Cochran, Joseph T., Chicago, Ill. Printing cut and making it. 2,352,518; June 27.

Cochrane Corporation. (See Melas, William, assignor.)

Cochrane Corporation. (See Razek, Joseph, assignor.)

Cochrane Corporation. (See Roblin, Victor A., assignor.)

Cocker, William W. (See Gladden, George W., assignor.)

Cockerille, Frank O., Albermarle County, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of esters. 2,351,664; June 20.

Cockerille, Frank O., Albemarle County, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Purification of aliphatic acids and anhydrides. 2,352,253; June 27.

Cockerille, Frank O., Albemarle County, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of esters. 2,361,994; Nov. 7.

Cockrell, William D., Schenectady, N. Y., assignor to General Electric Company. Control system. 2,356,567; Aug. 22.

Cockrill, William T., and T. J. Duncan, Flint, Mich. Electrode holder. 2,352,939; July 4.

Cockrill, William T., and T. J. Duncan, Flint, Mich. Head shield. 2,354,502; July 25.

Cocozella, Anthony, Lynn, Mass. Shoemaking. 2,354,797; Aug. 1.

Coder, John M. (See Cowan, E. G., and Coder.)

Coderre, Patrick E. E., Port Chester, N. Y. Snowplow attachment for toys. 2,345,460; Mar. 28.

Codier, Oscar, et al. (See Greaves-Walker, A. F., and Stone, assignors.)

Codner, Edwin F., Ventura, assignor to Byron Jackson Co., Huntington Park, Calif. Tong guard. 2,352,603; July 4.

Codrington, Charles F., West Allis, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Blower control system. 2,339,150; Jan. 11.

Codwise, Philip W., Kenmore, assignor to Certain-Teed Products Corporation, New York, N. Y. Wallboard. 2,344,600; Mar. 21.

Cody, Clifford S., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerating apparatus. 2,349,845; May 30.

Coe, Eric R. C. (See Connery, A. F., and Coe.)
Coe, George B., Upper Montclair, N. J., assignor to Rockrite Processes, Inc., Stamford, Conn. Manufacture of tapered stock. 2,349,246; May 23.
Coe, John M., Verona, N. J., assignor to Carbide and Carbon Chemicals Corporation, New York, N. Y. Halogenated rubber composition. 2,357,383; Sept. 5.
Coe Manufacturing Company, The. (See Moore, Richard C., assignor.)
Coen, Cecil J., et al. (See Coen, Joseph C., assignor.)
Coen Company. (See Voorheis, Joseph T., assignor.)
Coen, Joseph C., Pomona, assignor of one-third to V. Gutzwiller, one-third to C. J. Coen, San Bernardino, and one-third to E. B. and K. R. Williams, Pomona, Calif. Speed changing device. 2,344,341; Mar. 14.
Coes, Loring, Jr., Brookfield, Mass. Flowmeter. 2,361,269; Oct. 24.
Coeterier, Frederik, Eindhoven, Netherlands; vested in the Alien Property Custodian. Electric discharge tube. 2,347,990; May 2.
Coey, Stewart C., Glen Ridge, N. J., assignor to Research Corporation, New York, N. Y. Evaporative cooling. 2,350,590; June 6.
Coey, Stewart C., Glen Ridge, N. J., assignor to Research Corporation, New York, N. Y. Evaporative cooling. 2,350,591; June 6.
Coey, Stewart C., Glen Ridge, and J. W. Spiselman, Middlesex Borough, N. J., assignors to Research Corporation, New York, N. Y. Space sterilization. 2,344,536; Mar. 21.
Coffee Products Corporation. (See Brandt, Robert L., assignor.)
Coffee Products Corporation. (See Kappenberg, W., and Ramsh, assignors.)
Coffeen, John M., and W. P. Heineken, assignors to Heineken & Coffeen, New York, N. Y. Snap switch. 2,355,951 Aug. 15.
Coffey, Irven E. (See Ericson, G. R., and Coffey.)
Coffey, Irven E., Normandy, assignor to Carter Carburetor Corporation, St. Louis, Mo. Carburetor throttle control. 2,340,736; Feb. 1.
Coffey, Irven E., Normandy, assignor to Carter Carburetor Corporation, St. Louis, Mo. Carburetor. 2,341,694; Feb. 15.
Coffey, Joseph M., Schenectady, J. J. Pickney, Ballston Lake, and R. L. Griffeth, Delanson, assignors to Mica Insulator Company, Schenectady, N. Y. Coated insulating tape. 2,355,632; Aug. 15.
Coffing, Frederick W., Danville, Ill. Universal free tape hoist. 2,343,884; Mar. 14.
Coffing, Frederick W., Danville, Ill. Convertible, multiple capacity hoist chain structure. 2,351,665; June 20.
Coffing, Frederick W., Danville, Ill., and R. H. Johnston, Newtown, Ind., assignors to Coffing Hoist Company. Free-chain planetary hoist. 2,353,648; July 18.
Coffing, Fredrick W., assignor of one-fourth to G. H. Brown and one-fourth to G. R. Brown, Danville, Ill. Bed cover support. 2,356,219; Aug. 22.
Coffing Hoist Company. (See Coffing, F. W., and Johnston, assignors.)
Coffman, Donald D. (See Brubaker, M. M., Coffman, and McGrew.)
Coffman, Donald D., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of polymeric sulphides. 2,347,182; Apr. 25.
Coffman, Donald D., and J. S. Reese IV, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Treatment of cellulose derivatives. 2,339,912; Jan. 25.
Coffman, Donald D., and C. E. Denoon, Jr., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Copolymers of vinylethinyl carbinols with alpha-methylene monocarboxylic acid esters. 2,358,444; Sept. 19.
Coffman, Donald D., and J. C. Sauer, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Disulphonamides having quaternary ammonium salt groups. 2,362,886; Nov. 14.
Coffman, Irving L., Bartlesville, Okla., assignor to Phillips Petroleum Company. High temperature conduit. 2,361,383; Oct. 31.
Coffman, Paul A., Jr., assignor to Omega Machine Company, Kansas City, Mo. Timing device. 2,364,519; Dec. 5.
Coffman, Raphael T., Arlington, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Injection molding of plastics. 2,345,917; Apr. 4.
Coghill, Philip S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Bag closure. 2,349,247; May 23.
Cogsdill, Stuart A., assignor to Cogsdill Twist Drill Co., Detroit, Mich. Making oil hole twist drills. 2,358,304; Sept. 19.
Cogsdill Twist Drill Co. (See Cogsdill, Stuart A., assignor.)
Cohan-Epner Co. (See Weiss, Max, assignor.)
Cohen, Abraham L., Brooklyn, N. Y. Glass-lifting device. 2,351,666; June 20.
Cohen, Arthur M., New Rochelle, N. Y., assignor to Ward Leonard Electric Company. Electric controlling apparatus. 2,340,579; Feb. 1.
Cohen, Charles A., Elizabeth, N. J., assignor to Standard Oil Development Company. Producing white oils. 2,348,609; May 9.
Cohen, David I., Los Angeles, Calif. Brassière. 2,362,974; Nov. 21.
Cohen, Harold, Elizabeth, N. J. Raising and lowering mechanism. 2,344,390; Mar. 14.
Cohen, Harry, Chicago, Ill. Noise maker. 2,340,212; Jan. 25.
Cohen, Jos. S., & Sons Co. (See Elkes, Jacob, assignor.)
Cohen, Joseph H., assignor to Casco Products Corporation, Bridgeport, Conn. Chuck construction. 2,341,529; Feb. 15.
Cohen, Louis, assignor to Longines-Wittnauer Watch Co. Inc., New York, N. Y. Winding and setting mechanism for watches. 2,362,245; Nov. 7.
Cohen, Morris, Kansas City, Mo., and D. W. Enoch, G. Hasty, and G. A. Jorgenson, Chicago, Ill., assignors to Inter-state Bakeries Corporation, Kansas City, Mo. Treating dough. 2,352,617; July 4.
Cohen, Morris, Kansas City, Mo., and D. W. Enoch, G. Hasty, and G. A. Jorgenson, Chicago, Ill., assignors to Interstate Bakeries Corporation, Kansas City, Mo. Sheeting and elongating dough. 2,357,085; Aug. 29.
Cohen, Paul. (See Nokes, P. E., and Cohen.)
Cohen, Samuel L., and M. J. Margolies, Brooklyn, N. Y. Collapsible paperboard box. 2,361,603; Oct. 31.
Cohen, Sol D., assignor to Paper Novelty Manufacturing Company, New York, N. Y. Ornamental article and making same. 2,346,824; Apr. 18.
Cohen, Theodore A. (See Ostermann, H. J., and Cohen.)
Cohen, Theodore A., Chicago, Ill. Control apparatus. 2,343,001; Feb. 29.
Cohen, Theodore A., assignor, by mesne assignments, to Wheelco Instruments Company, Chicago, Ill. Electronic tube. 2,354,946; Aug. 1.
Cohen, Theodore A., and H. J. Ostermann, assignors, by mesne assignments, to Wheelco Instruments Company, Chicago, Ill. Liquid level sensitive apparatus. 2,354,945; Aug. 1.
Cohen, William B., assignor to Stuart Products Company, St. Paul, Minn. Container support for perfumes. 2,353,640; July 18.
Cohn, Eugene, Chicago, Ill. Vapor diffusing device. 2,347,591; Apr. 25.
Cohn-Hall-Marx Co. (See Rouse, Lillian M., assignor.)
Cohn, Herman, Baltimore, Md. Suspension device for coat hangers. 2,356,705; Aug. 15.
Cohn, Joseph. (See Cohn, Samuel and J., and Walter.)
Cohn, Martin M., Brooklyn, assignor to M. M. Scharf, Long Beach, N. Y. Mechanism for holding umbrella cover tips in stitching position. 2,362,452; Nov. 14.
Cohn, Maurice L., assignor to Change-A-Blade Corporation, New York, N. Y. Scissor. 2,355,364; Aug. 8.
Cohn, Ralph. (See Goldberg, A. G., and Cohn.)
Cohn, Samuel and J., New York, and J. G. Walter, Ridgewood, N. Y. Method and apparatus for spreading tubular fabrics. 2,339,151; Jan. 11.
Coiffu, Pierre, Paris, France; vested in the Alien Property Custodian. Preventing the formation of clinker rings. 2,344,391; Mar. 14.
Colaluca, Phillip, Youngstown, Ohio. Casting target. 2,343,002; Feb. 29.
Colarusso, Gesuele, Old Boston Settlement, Pa. Hose clamp. 2,352,372; June 27.
Colburn, George M., Greensburg, Pa. Casting apparatus. 2,357,931; Sept. 12.
Colburn, Richard R., Waterloo, Iowa. Concrete structure. 2,358,147; Sept. 12.
Colby, Clyde W., Branford, Conn., Heating system or the like. 2,348,610; May 9.
Colby, Clyde W., Branford, Conn. Heating system. 2,359,547; Oct. 3.
Colby, Colburn J. (See Griffith, W. H., and Colby.)
Colby, Irving A., Youngstown, Ohio. Pipe feeding apparatus. 2,348,786; May 16.
Colby, Joseph M., U. S. Army, Lake Mills, Iowa. Gun mount. 2,342,644; Feb. 29.
Colby, Joseph M., U. S. Army, Lake Mills, Iowa. Gun mount. 2,356,751; Aug. 29.
Colby, Joseph M., U. S. Army, Lake Mills, Iowa. Gun mount. 2,360,850; Oct. 24.
Colby, Ralph E. (See McNutt, J. F., and Colby.)
Cold Control, Inc. (See Sisson, William A., assignor.)
Cole, Alfred H., Mountsorrel, England. Latch needle. 2,344,850; Mar. 21.
Cole, Allen T., Mulberry, Fla., assignor, by mesne assignments, to Minerals Separation North American Corporation, New York, N. Y. Purifying industrial sands. 2,340,589; Feb. 1.
Cole, Allen T., Lakeland, Fla., assignor, by mesne assignments, to Minerals Separation North American Corporation, New York, N. Y. Concentration of sylvinite ores. 2,355,365; Aug. 8.
Cole, Allen T., Lakeland, Fla., assignor to Minerals Separation North American Corporation, New York, N. Y. Concentration of sylvinite ores. 2,365,805; Dec. 26.
Cole, Allen T., and W. M. Houston, Lakeland, Fla., assignors to Minerals Separation North American Corporation, New York, N. Y. Concentration of sylvinite ores. 2,364,520; Dec. 5.
Cole, Arthur D., Minneapolis, Minn. Draft regulator. 2,346,825; Apr. 18.
Cole, Bernard T., Burbage, assignor to B. Toone (Nottingham) Limited, Nottingham, England. Knitted article. 2,357,630; Sept. 5.

Cole, Cawthern C., Whittier, Calif. Fluid motor. 2,348,243; May 9.
Cole, Edward L., Beacon, assignor to The Texas Company, New York, N. Y. Separation of solids from mixtures of solids and liquids. 2,355,203; Aug. 8.
Cole, Edward L., and H. H. Gross, Beacon, assignors to The Texas Company, New York, N. Y. Separation of solids from mixtures of solids and liquids. 2,353,810; July 18.
Cole, Edward R., assignor to The Dow Chemical Company, Midland, Mich. Preparation of shaped carbon articles. 2,365,055; Dec. 12.
Cole Electric Products Co. Inc. (See Cole, Thomas M., assignor.)
Cole, Elmer K., assignor to A. B. Chance Company, Centralia, Mo. Expanding anchor. 2,349,075; May 16.
Cole, George A., Waynesville, Ohio. Curb box cleaner. 2,349,076; May 16.
Cole, Harold S., Seaford, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Yarn winding. 2,345,587; Apr. 4.
Cole, Henry G. (See Le Brocq, L. F., and Cole.)
Cole, Herbert. (See Sell, H. A., and Cole.)
Cole, Howard S., Jr., and E. R. Filley, Houston, Tex., assignors to The Texas Company, New York, N. Y. Storing oils. 2,361,012; Oct. 24.
Cole, John E., and B. F. Skiles, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Organic dyestuffs of the thionaphthenone series, and making the same. 2,356,823; Aug. 29.
Cole, John E., and B. F. Skiles, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Organic dyestuffs of the thionaphthenone series, and making the same. 2,356,824; Aug. 29.
Cole, John M. (See Regester, Ramsay G., assignor.)
Cole, John W. (See Julian, P. L., and Cole.)
Cole, Paul M., Auburn, N. Y., assignor to American Viscose Corporation, Wilmington, Del. Thread-storage, thread-advancing device. 2,338,755; Jan. 11.
Cole, Percy J., and G. W. Burtt, Philadelphia, Pa., assignors, by mesne assignments, to Allied Chemical & Dye Corporation. Separating xylenes. 2,348,329; May 9.
Cole, Percy J., Philadelphia, C. R. Clark, Springfield Township, Montgomery County, Pa., and J. W. Waldron, Muncie, Ind., assignors to Allied Chemical & Dye Corporation, New York, N. Y. Separation of pyrrole. 2,350,447; June 6.
Cole, Robert E., Highland Creek, Ontario, Canada. Snow removing apparatus. 2,360,827; Oct. 24.
Cole, Russell H., San Gabriel, and E. F. Glover, assignors, by mesne assignments, to Vard, Inc., Pasadena, Calif. Spring counterbalance for drafting machines. 2,362,050; Nov. 7.
Cole, Sanford S. (See Moran, W. G., and Cole.)
Cole, Thomas M., New York, assignor to Cole Electric Products Co. Inc., Long Island City, N. Y. Circuit breaker. 2,362,051; Nov. 7.
Colegrove, Joseph L., Cos Cob, Conn. Handbag frame. 2,346,556; Apr. 11.
Colella, Gerald S., assignor of one-half to S. Merker, Haverhill, Mass. Manufacture of footwear. 2,344,458; Mar. 14.
Coleman, Albert R., Berwyn, and A. E. Swickard, Chicago, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Apparatus for feeding and stacking articles. 2,357,631; Sept. 5.
Coleman, Arnold B., Chicago, Ill. Background screen for photographers and the like. 2,364,695; Dec. 12.
Coleman, Edwin D. (See Kanner, Oscar, and Coleman.)
Coleman, Edwin D., Maywood, Ill. Spectrophotometer. 2,339,053; Jan. 11.
Coleman, Edwin D., Maywood, Ill. Test method and apparatus therefor. 2,343,885; Mar. 14.
Coleman, Gerald H. (See Britton, E. C., and Coleman.)
Coleman, Gerald H., and B. C. Hadler, assignors to The Dow Chemical Company, Midland, Mich. Unsaturated esters of aryloxy alcohols. 2,338,683; Jan. 4.
Coleman, Gerald H., F. W. Fletcher, and W. D. Schroeder, assignors to The Dow Chemical Company, Midland, Mich. Insecticides. 2,349,572; May 23.
Coleman, Gerald H., F. W. Fletcher, and G. E. Lynn, assignors to The Dow Chemical Company, Midland, Mich. Parasiticidal composition. 2,350,324; June 6.
Coleman, Gerald H., and B. C. Hadler, assignors to The Dow Chemical Company, Midland, Mich. Unsaturated ester of alkoxy-aryloxy alcohols. 2,350,325; June 6.
Coleman, Gerald H., and C. L. Moyle, assignors to The Dow Chemical Company, Midland, Mich. Insecticidal composition. 2,352,078; June 20.
Coleman, Gerald H., and C. L. Moyle, assignors to The Dow Chemical Company, Midland, Mich. Insecticidal composition. 2,352,079; June 20.
Coleman, Gerald H., and B. C. Hadler, Midland, Mich., and R. W. Sapp, Wilmington, Del., assignors to The Dow Chemical Company, Midland, Mich. Ester-ethers of bis-phenols. 2,359,622; Oct. 3.
Coleman, Gerald H., and B. C. Hadler, assignors to The Dow Chemical Company, Midland, Mich. Unsaturated esters of halo-aryloxy alcohols. 2,362,189; Nov. 7.
Coleman, Gerald H., and W. D. Schroeder, assignors to The Dow Chemical Company, Midland, Mich. Esters of unsaturated acids. 2,363,501; Nov. 28.
Coleman, Gerald H., and G. A. Griess, assignors to The Dow Chemical Company, Midland, Mich. Insecticidal and fungicidal materials. 2,365,056; Dec. 12.
Coleman, Gerald H., and G. A. Griess, assignors to The Dow Chemical Company, Midland, Mich. Fungicidal materials. 2,365,057; Dec. 12.
Coleman, John H., Warren Township, Somerset County, and S. G. Poll, Woodbridge, N. J., assignors to Westvaco Chlorine Products Corporation, New York, N. Y. Phosphoric acid manufacture. 2,338,407; Jan. 4.
Coleman, John H., Warren Township, Somerset County, and S. G. Poll, Woodbridge, N. J., assignors to Westvaco Chlorine Products Corporation, New York, N. Y. Making phosphoric acid of high purity. 2,338,408; Jan. 4.
Coleman Lamp and Stove Company, The. (See Martin, Russell, assignor.)
Coleman Lamp and Stove Company, The. (See Olds, Ambrose D., assignor.)
Coleman Lamp and Stove Company, The. (See Tullis, Boyd W., assignor.)
Coleman, Paul J. (See Gengler, Edwin J., assignor.)
Coleman, Roy E., Chicago, Ill., assignor to Time Incorporated. Preparing zein solutions directly from gluten 2,352,604; July 4.
Coleman, Roy E., Chicago, Ill., assignor to Time Incorporated. Preparation of zein solutions directly from gluten. 2,355,056; Aug. 8.
Coleman, Roy E., Chicago, Ill., assignor to Time, Incorporated. Preparing zein solutions directly from gluten. 2,359,202; Sept. 26.
Coleman, Roy E., Chicago, Ill., assignor to Time, Incorporated. Preparing zein solutions directly from gluten. 2,359,203; Sept. 26.
Coleman, Roy E., Chicago, Ill., assignor to Time, Incorporated. Preparing zein solutions directly from gluten. 2,359,204; Sept. 26.
Coleman, Spencer A. (See Clark, D. E., Pratt, Coleman, and Green.)
Coles, Fred H. (See Booth, Alfred, assignor.)
Coles, Norman E. (See Van Hise, Lester E., assignor.)
Coley, Nelson B. (See Webster, O. B., and Coley.)
Colgate-Palmolive-Peet Company. (See Brandt, Robert L., assignor.)
Colgate-Palmolive-Peet Company. (See Colgate, R. B., and Ross, assignors.)
Colgate-Palmolive-Peet Company. (See Gebhart, Arthur L., assignor.)
Colgate-Palmolive-Peet Company. (See Ittner, Martin H., assignor.)
Colgate-Palmolive-Peet Company. (See Marshall, Donald E., assignor.)
Colgate-Palmolive-Peet Company. (See Miles, Gilbert De W., assignor.)
Colgate-Palmolive-Peet Company. (See Miles, G. D., Jakob, and Percy, assignors.)
Colgate-Palmolive-Peet Company. (See Percy, J. H., and Ross, assignors.)
Colgate-Palmolive-Peet Company. (See Ross, J., Brandt, and Percy, assignors.)
Colgate-Palmolive-Peet Company. (See Ross, J., and Turck, assignors.)
Colgate, Robert B., Huntington, and J. Ross, Manhasset, N. Y., assignors to Colgate-Palmolive-Peet Company, Jersey City, N. J. Chemical processes and products thereof. 2,359,404; Oct. 3.
Collett, J. Daviss, Jr. (See Swearingen, Judson S., assignor.)
Colley, George A. (See Hammond, J. H., Jr., and Colley.)
Colley, Luster E. (See Ogilvie, C. B., Nickell, and Colley.)
Colley, Omer A., Astoria, Long Island, N. Y. Comb frame for beehives. 2,344,284; Mar. 14.
Colley, Russell S., Kent, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Patch applying apparatus. 2,351,404; June 13.
Colley, Russell S., Kent, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Apparatus for installing elastic covers. 2,353,650; July 18.
Collicutt, Earl H., New York, N. Y. Air mixer. 2,362,355; Nov. 7.
Collier, Freeman E., assignor to Foley Manufacturing Company, Minneapolis, Minn. Jointing guide for saw filing machines. 2,343,171; Feb. 29.
Collier-Keyworth Company. (See Sheldrick, Henry W., assignor.)
Collier, Robert W., Jal, N. Mex. Vehicle traction attachment. 2,362,246; Nov. 7.
Collings, William R., assignor to The Dow Chemical Company, Midland, Mich. Making highly glazed film coatings. 2,350,987; June 13.
Collings, William R., assignor to The Dow Chemical Company, Midland, Mich. Laminated sound record. 2,351,600; June 20.
Collings, William R., and T. A. Kauppi, assignors to The Dow Chemical Company, Midland, Mich. Opaque sheet material. 2,348,672; May 9.
Collins & Aikman Corporation. (See Bird, Whitworth F., assignor.)
Collins & Aikman Corporation. (See Gardner, Alexander H., assignor.)
Collins & Aikman Corporation. (See Hiers, Glen S., assignor.)

Collins, Arnold M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Mercaptan modified polymeric derivatives of nonbenzenoid acetylene polymers and making same. 2,351,108; June 13.
Collins, Arthur A., Cedar Rapids, Iowa. Control system and apparatus. Re. 22,574; Dec. 5.
Collins, Ashton B., Birmingham, Ala. Display device. 2,349,706; May 23.
Collins, Benjamin W., Swarthmore, Pa. Manufacture of synthetic yarns and the like. 2,359,749; Oct. 10.
Collins, Benjamin W., Swarthmore, Pa., assignor to American Viscose Corporation, Wilmington, Del. Viscose spinning solution. 2,359,750; Oct. 10.
Collins, Bessie M., executrix. (See Collins, Donald B.)
Collins, Charles P., assignor of one-half to Eastman Oil Well Survey Company, Dallas, Tex., and one-half to Eastman Oil Well Survey Corporation, Long Beach, Calif. Deflecting drill bit. 2,350,986; June 13.
Collins, Donald B., deceased, by B. M. Collins, executrix, and W. S. E. Crake, Houston, Tex., assignors to Shell Development Company, San Francisco, Calif. Well screen structure. 2,359,710; Oct. 3.
Collins, Howard W. (See Atkinson, W. H., and Collins.)
Collins, Howard W. (See Meyer, W. E., and Collins.)
Collins, Howard W., Newark, Ohio, assignor to Owens-Corning Fiberglas Corporation. Treatment of fibrous glass. 2,344,601; Mar. 21.
Collins, Hubert D., Tulsa, Okla., assignor to Lamtex Equipment Corporation, Fort Worth, Tex. Oil well casing pump. 2,363,644; Nov. 28.
Collins, James G., assignor to Atlas Press Company, Kalamazoo, Mich. Drill press. 2,346,731; Apr. 18.
Collins, Lee A., Louisville, Ky. Television and other transmissions. 2,354,199; July 25.
Collins, Lee A., Louisville, Ky. Method of and apparatus for making and re-creating records. 2,363,502; Nov. 28.
Collins, Lucius, G. A. Slowinske, and J. E. Smith, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Treatment of textile fiber with water repellency agents. 2,361,270; Oct. 24.
Collins, Milford E., Los Angeles, Calif., assignor to Radio Corporation of America. Rehearsal system for sound motion pictures. 2,350,727; June 6.
Collins, Paul C., Norwood, Pa., assignor to The Baldwin Locomotive Works. Hydraulic press control. 2,350,217; May 30.
Collins Radio Company. (See Olson, Roy H., assignor.)
Collins Radio Company. (See Smith, John W., assignor.)
Collins, Robert B., assignor to Universal Oil Products Company, Chicago, Ill. Gland sealing apparatus. 2,350,448; June 6.
Collins, Thomas. (See Plumadore, H. W., Collins, and Oakley.)
Collom, Cletus J., Detroit, Mich. Timing control system. 2,347,935; May 2.
Collonge, Louis L. (See Abrahams, S. A., Lewon, and Collonge.)
Collopy, Carl J. (See Collopy, Ernest C. and C. J.)
Collopy, Ernest C. and C. J., New Bedford, Mass. Telephone dialing instrument. 2,358,791; Sept. 26.
Collyer, William C., Palo Alto, Calif., assignor to Ingersoll-Rand Company, New York, N. Y. Attachment for pile driver. 2,345,795; Apr. 4.
Colomy, Roy H. (See Baisley, J. R., and Colomy.)
Colonial Broach Company. (See Gotberg, Harry H., assignor.)
Colonial Broach Company. (See Thompson, Richard A., assignor.)
Colonial Broach Company. (See Welte, Benedict, assignor.)
Colonial Broach Company. (See Welte, B., and Gotberg, assignors.)
Colonial Radio Corporation. (See Forbes, Henry C., assignor.)
Colorado Fuel and Iron Corporation, The. (See Allott, L. R., and Miller, assignors.)
Colorado Fuel and Iron Corporation, The. (See Boyce, W. S., and Cantrell, assignors.)
Colorado Fuel and Iron Corporation, The. (See Cantrell, M. L., and Hed, assignors.)
Colorado Fuel and Iron Corporation, The. (See Cantrell, M. L., and Shray, assignors.)
Colorado Fuel and Iron Corporation, The. (See Stuart, Kenneth B., assignor.)
Colotyle Corp. (See Hobbs, Frank, assignor.)
Colovich, Sam, Eureka, Utah. Loader. 2,346,471; Apr. 11.
Colovos, Christopher. (See Foresman, E. D., and Colovos.)
Colprovia Roads, Inc. (See McGrane, Frank B., assignor.)
Colprovia Roads, Inc. (See Talbot, Adrian B., assignor.)
Colson, Herman H., Teaneck, N. J., assignor to Aluminum Company of America, Pittsburgh, Pa. Material handling mechanism. 2,353,651; July 18.
Colt, Edwin W., Evanston, L. B. Lane, Chicago, and J. L. Beatty, Maywood, assignors to Armour and Company, Chicago, Ill. Abrasive element. 2,347,244; Apr. 25.
Colt, Rutger B. (See Chappell, R. R., and Colt.)
Colton, Arthur, Company. (See Kath, Alfred W., assignor.)
Colt's Patent Fire Arms Manufacturing Company. (See Christensen, Paul M., assignor.)
Colt's Patent Fire Arms Manufacturing Company. (See Christensen, P. M., and Ballou, assignors.)
Colt's Patent Fire Arms Manufacturing Company. (See Conner, Benjamin F., assignor.)
Colt's Patent Fire Arms Manufacturing Company. (See D'Ardenne, Walter H., assignor.)
Colt's Patent Fire Arms Manufacturing Company. (See Ironside, George, assignor.)
Colt's Patent Fire Arms Manufacturing Company. (See McMahon, Gilbert E., assignor.)
Colt's Patent Fire Arms Manufacturing Company. (See Moore, Frederick T., assignor.)
Colt's Patent Fire Arms Manufacturing Company. (See Schmais, William F., assignor.)
Colt's Patent Fire Arms Manufacturing Company. (See Swartz, William L., assignor.)
Colt's Patent Fire Arms Manufacturing Company. (See Webb, George, assignor.)
Colucci, Charles, New York, N. Y. Cover for hinges or the like. 2,342,453; Feb. 22.
Columbe, Thomas A., assignor to The Liquid Carbonic Corporation, Chicago, Ill. Machine guard. 2,364,193; Dec. 5.
Columbia Blindstitch Machine Co. (See Schifter, Joseph, assignor.)
Columbia Broadcasting System, Inc. (See Doncaster, Dan P., assignor.)
Columbia Mills, Inc., The. (See Burns, Fred J., assignor.)
Columbia Protektosite Co. (See Stiano, Frank, assignor.)
Columbia Recording Corporation. (See Rodman, Isaac P., assignor.)
Columbia Steel Company. (See Steuber, Elmer G., assignor.)
Columbian Carbon Company. (See Fireman, Peter, assignor.)
Columbian Rope Company. (See Cooke, B. A., and Gane, assignors.)
Columbian Rope Company. (See Dodge, M. C., and Axelsson, assignors.)
Columbus Dental Manufacturing Co., The. (See Moyer, J. H., and Evans.)
Columbus Iron Works Co. (See Barnes, Julius C., assignor.)
Columbus McKinnon Chain Corporation. (See Parker, Humphrey F., assignor.)
Columbus McKinnon Chain Corporation. (See Winter, Otto W., assignor.)
Columbus McKinnon Chain Corporation. (See Winter, O. W., and Middlestead, assignors.)
Columbus Vending Company, The. (See Vogel, Frank H., assignor.)
Colvin, Charles H. (See Klumpp, F., and Colvin.)
Colvin, Clifford, Detroit, Mich., assignor to G. M. and E. Holley. Ignition timing device. 2,361,271; Oct. 24.
Colvin, Hervey A., Saginaw, Mich. Adjustable turntable for discharging wood waste or like material from storage vaults. 2,364,601; Dec. 12.
Colvin-Slocum Boats, Inc. (See Slocum, Henry M., assignor.)
Colvinex Corporation. (See Joy, M. F., and Shepardson, assignors.)
Colwell, Archie T., assignor to Thompson Products Incorporated, Cleveland, Ohio. Hollow head poppet valve. 2,354,947; Aug. 1.
Comaschi, Louis J., assignor to Campbell-Taggart Research Corporation, Kansas City, Mo. Alkaline cleaning composition. 2,350,592; June 6.
Comb, Raymond L., Port Huron, assignor to Taine G. McDougal, Flint, Mich. Hydraulic seal. 2,362,975; Nov. 21.
Combination Selector Company. (See Rainey, Paul M., assignor.)
Combs, Frederick M., El Segundo, and S. A. Squiers, Hawthorne, assignors to Douglas Aircraft Company, Inc., Santa Monica, Calif. Apparatus for forming material. 2,348,193; May 9.
Combs, Lee, et al. (See Kellerman, John F., assignor.)
Combustion Engineering Company. (See Cary, William M., assignor.)
Combustion Engineering Company. (See Gordon, Charles W., assignor.)
Combustion Engineering Company. (See Kreisinger, H., and Caracristi, assignors.)
Combustion Engineering Company. (See Ladd, Tallman, assignor.)
Combustion Engineering Company. (See Oberhuber, William F., assignor.)
Combustion Engineering Company. (See Place, Palmer B., assignor.)
Combustion Engineering Company. (See Schoenfeld, David M., assignor.)
Combustion Engineering Company. (See Stone, C. A., and Trostel, assignors.)
Combustion Utilities Corporation. (See Brundegee, Morris M., assignor.)
Comee, Cyril C., Green Bay, Wis. Match packet protector. 2,341,856; Feb. 15.
Comer, Curtis G., Dayton, and B. A. Keener, New Lebanon, Ohio. Transfer unit. 2,364,602; Dec. 12.
Comfort, Samuel T. (See Brown, H. S., and Comfort.)
Comfort Spring Corporation. (See Rymland, M. J., and Lewis, assignors.)

Comiskey, Frederick K. (See Severance, G. R., Comiskey, and Jones.)
Commar Products Corporation. (See Mikulas, W., and Jones, assignors.)
Commerce, as represented by the Secretary of the Department of. (See Tate, Douglas R., assignor.)
Commerce, Government of the United States, as represented by the Secretary of. (See Dickson, G. R., and Schoonover, assignors.)
Commerce, Government of the United States, as represented by the Secretary of. (See Dill, Richard S., assignor.)
Commerce, Government of the United States as represented by the Secretary of. (See Dunmore, F. W., and Kear, assignors.)
Commerce, Government of the United States as represented by the Secretary of. (See Geller, Roman F., assignor.)
Commerce, Government of the United States, represented by the Secretary of. (See Isbell, Horace S., assignor.)
Commerce, Government of the United States, as represented for the purpose hereof by: the Secretary of. (See Mothershead, Raymond E., assignor.)
Commerce Pattern Foundry & Machine Company. (See Upton, Richard C., assignor.)
Commercial Centerless Grinding Company. (See Duncan, Lane W., assignor.)
Commercial Controls Corporation. (See Ryan, Commodore D., assignor.)
Commercial Controls Corporation. (See Ryan, C. D., and Drake, assignors.)
Commercial Shearing and Stamping Company, The. (See Proctor, Robert V., assignor.)
Commercial Solvents Corporation. (See Bogin, Charles, assignor.)
Commercial Solvents Corporation. (See Dale, Julian K., assignor.)
Commercial Solvents Corporation. (See Hurd, Charles D., assignor.)
Commercial Solvents Corporation. (See Lippincott, Samuel B., assignor.)
Commercial Solvents Corporation. (See Morey, Glen H., assignor.)
Commercial Solvents Corporation. (See Robinette, Hillary, Jr., assignor.)
Commercial Solvents Corporation. (See Senkus, Murray, assignor.)
Commercial Solvents Corporation. (See Tindall, John B., assignor.)
Commercial Solvents Corporation. (See Wampner, Herbert L., assignor.)
Commercial Steels and Forge Co. (Australia) Pty. Limited. (See Newton, J. W., and Duff-Fyfe, assignors.)
Commons, Charles H., Jr. (See Frost, L. J., and Commons.)
Commons, Charles H., Jr. (See Kinsie, C. J., and Commons.)
Communication Measurements Laboratory. (See Griffin, Dana A., assignor.)
Comparelli, Nicholas, Philadelphia, Pa. Fishing pole. 2,349,077; May 16.
Compo Shoe Machinery Corporation. (See Crandell, Ervin L., assignor.)
Compo Shoe Machinery Corporation. (See Dawson, Fred, assignor.)
Compo Shoe Machinery Corporation. (See Macdonald, Kenneth W., assignor.)
Compoflex Company Limited. (See Moseley, J., and Gebbie, assignors.)
Compressed Industrial Gases, Inc. (See Brown, Andrew C., assignor.)
Comptois, Gedeon R., New York, N. Y. Pipe. 2,356,975; Aug. 29.
Compton, Kenneth G., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Manufacture of electrolytic condensers. 2,351,321; June 13.
Compton, W. H., Shear Company, The. (See Dalley, Charles J., assignor.)
Comstock, Emmett G. (See Bethune, Samuel A.)
Comstock, Gregory J., Summit, assignor of two-thirds to Baker & Company, Inc., and one-third to The American Platinum Works, Newark, N. J. Electrical contact element. 2,365,249; Dec. 19.
Conant, David J. (See Heintz, R. M., and Conant.)
Conant, David J. (See Scofield, P. F., and Conant.)
Conant, David J., Cleveland Heights, assignor to Jack & Heints, Inc., Bedford, Ohio. Overspeed preventing mechanism. 2,359,899; Oct. 10.
Conaway, Rollin F., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Treatment of high tenacity yarn of synthetic origin. 2,346,208; Apr. 11.
Conboie, Joseph A., San Francisco, Calif. Ventilator. 2,352,821; July 4.
Conboy, Russell D., Waterbury, Conn., assignor to Automatic Devices Corporation, Bridgeport, Conn. Cigar lighter. 2,363,645; Nov. 28.
Conde, Lyall T., Sherrill, N. Y. Milking machine. 2,340,454; Feb. 1.
Conde, Lyall T., Sherrill, N. Y. Milk pail handle. 2,343,749; Mar. 7.
Conde, Lyall T., Sherrill, N. Y. Condenser cup. 2,345,963; Apr. 4.
Condon, Robert S., Rutland, and W. H. Williams, Poultney, Vt. Vise. 2,363,230; Nov. 21.
Cone Automatic Machine Company. (See Adams, Clarence H., assignor.)
Cone Automatic Machine Company Inc. (See Ingalls, John M., assignor.)
Cone, James H. (See Knochel, W. J., and Cone.)
Cone, John H., Cedar Bayou, and A. J. Shmidl, Houston, Tex., assignors to Standard Oil Development Company. Wetting agent. 2,354,577; July 25.
Cone, Ralph R., Augusta, Ga. Pile fabric. 2,344,537; Mar. 21.
Cone, Truett M., assignor to Mid-Continent Supply Company, Fort Worth, Tex. Engine starter and actuating mechanism therefor. 2,358,445; Sept. 19.
Coney, James D. (See Young, L. A., and Coney.)
Condit, Paul C. (See Denison, G. H., Jr., and Condit.)
Conference of California I. B. of B Unions. (See Ross, Talbert C.)
Conkle, Carl J., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Control device. 2,351,485; June 13.
Conklin, Alfred. (See Annen, J. E., and Conklin.)
Conklin, Alfred R., assignor to Sutherland Paper Company, Kalamazoo, Mich. Container. 2,341,762; Feb. 15.
Conklin, Edward R., Wauseon, Ohio. Hair dressing device. 2,342,331; Feb. 22.
Conklin, Herbert, Rye, N. Y. Golf bag. 2,358,057; Sept. 12.
Conklin, James W., Audubon, N. J., assignor to Radio Corporation of America. Direct current restoring apparatus. 2,346,557; Apr. 11.
Conklin, Robert M., Plainfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Crimping apparatus. 2,360,317; Oct. 17.
Conklin, Roscoe D., Rahway, N. J., assignor to National Pneumatic Company, New York, N. Y. Electric treadle. 2,346,009; Apr. 4.
Conley, George B., Cleveland, Ohio. Hat supporting device. 2,350,728; June 6.
Conley, Kurt H., Bridgeport, Conn., assignor to The Safety Car Heating and Lighting Company, Inc. Apparatus for sterilization of flour or the like. 2,339,738; Jan. 18.
Conley, Weld E., Jr. (See Smith, H. L. Jr., and Conley.)
Conley, William. (See Cartier, Edward J., assignor.)
Conlon Corporation. (See Freis, Frederick M., assignor.)
Conlon, James L., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Automobile door construction. 2,356,976; Aug. 29.
Conlon, John F. (See Rugeley, E. W., Feild, and Conlon.)
Conmar Products Corporation. (See Low, Richard, assignor.)
Conmar Products Corporation. (See Ulrich, Frederick, assignor.)
Conn, Arthur L., assignor to Standard Oil Company, Chicago, Ill. Catalytic conversion operation. 2,349,574; May 23.
Conn, C. G., Ltd. (See Kent, Earle L., assignor.)
Conn, Miller W., Bartlesville, Okla., assignor to Phillips Petroleum Company. Catalytically desulphurizing hydrocarbon oil. 2,355,366; Aug. 8.
Conn, William R. (See Neher, H. T., and Conn.)
Connecticut Electric Manufacturing Co., The. (See Gillen, George A., assignor.)
Connecticut Hard Rubber Company, The. (See Doede, Clinton M., assignor.)
Connell, Daniel R., Lowell, Mass., assignor to U. S. Bobbin & Shuttle Company, Providence, R. I. Machine for forming screw threads in caps or closures. 2,365,746; Dec. 26.
Connell, Frank H. R., et al. (See Woodhull, Frederick W., assignor.)
Connell, James J., Chicago, Ill. Inserted tooth cutter. 2,351,491; June 13.
Connell, Karl, Branch, assignor to Air Reduction Company, Incorporated, New York, N. Y. Breathing system canister arrangement. 2,345,530; Mar. 28.
Connell, Robert, and S. I. Wilson, Portland, Oreg. Insulating compound. 2,364,344; Dec. 5.
Connell, William H. (See Blumlein, A. D., and Connell.)
Connellee, Anita N. and L., Ottawa, Ill. Apparatus and method for marbleizing comestibles or the like. 2,347,083; Apr. 18.
Connellee, Linwood. (See Connellee, Anita N. and L.)
Connelly Iron Sponge & Governor Co. (See Marek, William E., assignor.)
Connelly, John T., Washington, Ind., and F. L. Hall, Cincinnati, Ohio. Hydrostatical weighing apparatus. 2,339,152; Jan. 11.
Conner, Benjamin F., West Hartford, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Molded article and making the same. 2,353,995; July 18.
Conner, Edward A. (See Southwell, R. J., and Conner.)
Conner, Leonard M., Sunray, Tex., assignor to Continental Carbon Company. Production of carbon black. 2,344,027; Mar. 14.
Conner, Quinten E., San Francisco, Calif. Motorized shaver. 2,345,796; Apr. 4.
Conner, Quinten E., San Francisco, Calif. Universal tool. 2,350,097; May 30.

Connery, Alder F., Great Neck, N. Y., and E. R. C. Coe, Chatham, N. J., assignor to Postal Telegraph-Cable Company, (New York), New York, N. Y. Alarm for synchronous telegraph circuits. 2,351,014; June 13.
Connolly, Blanche R. (See Hall, Lloyd A., assignor.)
Connolly, Francis J., London, England. Strip affixing device. 2,357,173; Aug. 29.
Connolly, Gerald C., Baton Rouge, La., assignor to Standard Oil Development Company. Cracking petroleum oil. 2,339,838; Jan. 25.
Connolly, Gerald C., Baton Rouge, La., assignor to Standard Oil Development Company. Conversion of hydrocarbon oils. 2,340,934; Feb. 8.
Connolly, Gerald C., Baton Rouge, La., assignor to Standard Oil Development Company. Preparing contact agents. 2,340,935; Feb. 8.
Connolly, Gerald C., Baton Rouge, La., assignor to Standard Oil Development Company. Conversion of hydrocarbon oils. 2,341,363; Feb. 8.
Connolly, Gerald C., Baton Rouge, La., assignor to Standard Oil Development Company. Catalytic process for the treatment of hydrocarbon oils. 2,356,303; Aug. 22.
Connolly, Gerald C., Baton Rouge, La., assignor to Standard Oil Development Company. Using cracking catalysts. 2,363,231; Nov. 21.
Connolly, Gerald C., Baton Rouge, La., assignor to Standard Oil Development Company. Production of molded gels. 2,363,832; Nov. 28.
Connolly, Gerald C., Baton Rouge, La., assignor to Standard Oil Development Company. Conversion of hydrocarbon oils. 2,364,949; Dec. 12.
Connolly, William, Farley, Iowa. Rake. 2,365,393; Dec. 19.
Connolly, William B. (See Ford, G. E., Hastings, and Connolly.)
Connolly, William B., and G. E. Ford, assignors to Rochester Manufacturing Co., Inc., Rochester, N. Y. Liquid level gauge. 2,356,652; Aug. 22.
Connor, Roger, and N. S. Welk, assignors to The McBee Company, Athens, Ohio. Sorting device. 2,347,811; May 2.
Connor, William B. (See Dauphinee, George S., assignor.)
Conquest, Victor, Chicago, and H. L. Keil, Clarendon Hills, assignors to Armour and Company, Chicago, Ill. Hide treatment. 2,362,540; Nov. 14.
Conquest, Victor, Chicago, and H. L. Keil, Clarendon Hills, assignors to Armour and Company, Chicago, Ill. Hide treatment. 2,363,646; Nov. 28.
Conrad, Harold L., Oklahoma City, Okla. Motion transforming device. 2,360,762; Oct. 17.
Conrad, Joshua C., Oklahoma City, Okla. Overload and radius indicator for cranes. 2,346,066; Apr. 4.
Conradson, Conrad M., deceased, Detroit, Mich.; F. R. Walter, administrator, assignor, by mesne assignments, to O. Christianson, Madison, Wis., as trustee. Power belt construction. 2,343,367; Mar. 7.
Conradt, Walter, Kenosha, Wis. Internal combustion engine. Re. 22,540; Sept. 5.
Conradt, Walter, Kenosha, Wis. Internal combustion engine. 2,344,496; Mar. 21.
Conradty, Ottmar, Rothenbach-on-the-Pegnitz, Germany; vested in the Alien Property Custodian. Connection for carbon segments of collectors. 2,338,409; Jan. 4.
Conradty, Ottmar, Rothenbach-on-the-Pegnitz, and H. Zöllner, Lauf-on-the-Pegnitz, Germany; vested in the Alien Property Custodian. Connection of carbon bodies. 2,353,444; July 11.
Conran, William F., Brooklyn, N. Y. Ash receiver. 2,343,750; Mar. 7.
Consolazio, William V., Watertown, assignor to Macalaster Bicknell Company, Cambridge, Mass. Sterilising means for infant-feeding bottle. 2,347,150; Apr. 18.
Consolidated Aircraft Corporation. (See Smith, Frank M., assignor.)
Consolidated Car-Heating Company. (See Oakley, G. E., and Griffin, assignors.)
Consolidated Car-Heating Company. (See Touceda, E. G., and Wilbur, assignors.)
Consolidated Edison Company of New York, Inc. (See Fuller, Alfred W., assignor.)
Consolidated Edison Company of New York, Inc. (See Hyde, George, assignor.)
Consolidated Edison Company of New York, Inc. (See Xenis, C. P., Parsons, Perine, King, and Bauman, assignors.)
Consolidated Edison Company of New York, Inc. (See Xenis, C. P., and Perine, assignors.)
Consolidated Engineering Corporation. (See Hoover, Herbert, Jr., assignor.)
Consolidated Engineering Corporation. (See Lawlor, Reed C., assignor.)
Consolidated Engineering Corporation. (See Olesen, Raymond C., assignor.)
Consolidated Engineering Corporation. (See Zaikowsky, Wladimir M., assignor.)
Consolidated Expanded Metal Companies, The. (See Okonski, Theodore S., assignor.)
Consolidated Gas Electric Light and Power Company of Baltimore. (See Betz, Paul L., assignor.)
Consolidated Mining and Smelting Company of Canada, Limited, The. (See Buckman, Ronald S., assignor.)
Consolidated Mining and Smelting Company of Canada, Limited, The. (See Hannay, W. H., and Walsh, assignors.)
Consolidated Mining and Smelting Company of Canada, Limited, The. (See Lepsoe, R., and Mitchell.)
Consolidated Packaging Machinery Corporation. (See Allen, Howard G., assignor.)
Consolidated Packaging Machinery Corporation. (See Briggs, Howland F., assignor.)
Consolidated Packaging Machinery Corporation. (See Gantzer, Howard E., assignor.)
Consolidated Packaging Machinery Corporation. (See Moore, Royal T., assignor.)
Consolidated Paper Company. (See Hines, Harry E., assignor.)
Consolidated Packaging Machinery Corporation. (See Nicolas, Marcel A., assignor.)
Consolidated Trimming Corporation. (See Nardulli, Peter F., assignor.)
Consolidated Vultee Aircraft Corporation. (See Anderson, Paul A., assignor.)
Consolidated Vultee Aircraft Corporation. (See Gerlach, G. T., Altman, and Kos, assignors.)
Consolidated Vultee Aircraft Corporation. (See Giannini, Gabriel M., assignor.)
Consolidated Vultee Aircraft Corporation. (See Giffen, Harvey D., assignor.)
Consolidated Vultee Aircraft Corporation. (See Growald, Henry K., assignor.)
Consolidated Vultee Aircraft Corporation. (See Joyner, George F., assignor.)
Consolidated Vultee Aircraft Corporation. (See Keesler, Kenneth N., assignor.)
Consolidated Vultee Aircraft Corporation. (See Kos, A. S., Gerlach, and Altman, assignors.)
Consolidated Vultee Aircraft Corporation. (See Laddon, Isaac M., assignor.)
Consolidated Vultee Aircraft Corporation. (See Mills, Harold A., assignor.)
Consolidated Vultee Aircraft Corporation. (See O'Hare, G. W., and Harley, assignors.)
Consolidated Vultee Aircraft Corporation. (See Sonntag, Herman, assignor.)
Consolidated Vultee Aircraft Corporation. (See Upson, Ralph H., assignor.)
Consolidated Water Power & Paper Company. (See Boyer, Cheney K., assignor.)
Consolidated Water Power & Paper Company. (See Mugleton, Gerald D., assignor.)
Consolidated Water Power & Paper Company. (See Richmond, H. B., and Dickerman, assignors.)
Constable, James M., Baltimore, Md., and R. W. Stamm, New York, N. Y., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. X-ray exposure system. 2,351,486; June 13.
Constant Speed Airscrews Limited. (See Marshall, Frederick G., assignor.)
Constantino, Fred, Schenectady, N. Y. Punch. 2,341,976; Feb. 15.
Container Corporation of America. (See Bishop, Charles B., assignor.)
Container Corporation of America. (See Desch, C., and Yomantas, assignors.)
Container Corporation of America. (See D'Esposito, Julian, assignor.)
Container Corporation of America. (See Lowey, R. E., Potter, and Kilmer, assignors.)
Container Corporation of America. (See Potter, Earl C., assignor.)
Container Corporation of America. (See Ratcliff, Francis K., assignor.)
Container Corporation of America. (See Sachs, Frederick P., assignor.)
Container Corporation of America. (See Throckmorton, Edgerton A., assignor.)
Container Corporation of America. (See Van Saun, Raymond H., assignor.)
Container Corporation of America, et al. (See Walton, Richard R., assignor.)
Container Corporation of America, et al. (See Walton, R. R., Austin, and Gott, assignors.)
Container Corporation of Ameria et al. (See Walton, R. R., and Greenlie, assignors.)
Contant, Peter R. (See Rohr, H. C., and Contant.)
Conterman, Fred A., assignor to Jamestown Metal Equipment Company, Inc., Jamestown, N. Y. Washing machine. Re. 22,528; Aug. 15.
Continental Aviation and Engineering Corporation. (See Kinnucan, James W., assignor.)
Continental Baking Company. (See Earle, Theodore, assignor.)
Continental Can Company. (See Ayars, Harry D., assignor.)
Continental Can Company. (See Bloedorn, Clyde H., assignor.)
Continental Can Company. (See Boyd, J. M., Clifcorn and Peterson, assignors.)
Continental Can Company. (See Fink, Henry A., assignor.)
Continental Can Company. (See Harrison, William H., assignor.)
Continental Can Company. (See Haycock, John, assignor.)

Continental Can Company. (See Henchert, J., and Ball, assignors.)
Continental Can Company. (See Hodgson, William W., assignor.)
Continental Can Company. (See Kronquest, Alfred L., assignor.)
Continental Can Company. (See Larson, Ralph A., assignor.)
Continental Can Company. (See Mero, Ralph M., assignor.)
Continental Can Company. (See Minaker, Herbert L., assignor.)
Continental Can Company. (See O'Brien, Frank J., assignor.)
Continental Can Company. (See O'Neil, James H., assignor.)
Continental Can Company. (See Pearson, Paul E., assignor.)
Continental Can Company. (See Pearson, P. E., and Magnus, assignors.)
Continental Can Company. (See Punte, William F., assignor.)
Continental Can Company. (See Rojo, Jesús M., assignor.)
Continental Can Company. (See Schmitt, Otto A., assignor.)
Continental Can Company. (See Schrader, Herbert, assignor.)
Continental Can Company. (See Schrader, H., and Gordon, assignors.)
Continental Can Company. (See Scusa, Lino, assignor.)
Continental Can Company. (See Sooy, W. E., and von Sydow, assignors.)
Continental Can Company. (See Spaulding, Daniel E., assignor.)
Continental Carbon Company. (See Conner, Leonard M., assignor.)
Continental Carbon, Inc. (See Jira, Joseph W., assignor.)
Continental-Diamond Fibre Company. (See MacGhil, Kenneth T., assignor.)
Continental Foods, Inc. (See Galvin, S. L., and Sternfield, assignors.)
Continental Foods, Inc. (See Sternfield, G. L., and Galvin, assignors.)
Continental Gin Company. (See Benjamin, George W., assignor.)
Continental Machinery Co. (See Robertson, Oliver W., assignor.)
Continental Machinery Co. (See Vetorino, John E., assignor.)
Continental Machines, Incorporated. (See Harrington, John A., assignor.)
Continental Machines, Incorporated. (See Petersen Hans, assignor.)
Continental Motors Corporation. (See Engstrom, W., and Ginn, assignors.)
Continental Motors Corporation. (See Ginn, Earl, assignor.)
Continental Motors Corporation. (See Ginn, E., Casselman, and Campbell, assignors.)
Continental Motors Corporation. (See Ginn, E., and Cloud, assignors.)
Continental Motors Corporation. (See Preston, Charles I., assignor.)
Continental Oil Company. (See Bennett, Edwin O., assignor.)
Continental Oil Company. (See Cochran, C. W., and Lake, assignors.)
Continental Oil Company. (See Ledbetter, Robert L., assignor.)
Continental Oil Company. (See Lincoln, B. H., and Byrkit, assignors.)
Continental Oil Company. (See Lincoln, B. H., Byrkit, and Steiner, assignors.)
Continental Oil Company. (See Lincoln, B. H., and Steiner, assignors.)
Continental Oil Company. (See Sledge, Guy P., Jr., assignor.)
Continental Research Corporation. (See Gayer, F. H., and Fawkes, assignors.)
Continental Say-When Corporation. (See Bates, Lawrence G., assignor.)
Contner, J. Burgi, New York, N. Y., assignor, by mesne assignments, to Great American Industries, Inc., Meriden, Conn. Display apparatus. 2,346,472; Apr. 11.
Contour Saws, Incorporated. (See Anderson, William T., assignor.)
Contratto, Lorenz, Sisikon, Switzerland. Machine for manufacturing splints for matches. 2,355,512; Aug. 8.
Control Instrument Company. (See Muldoon, W. J., and Stenhammer, assignors.)
Control Instrument Company. (See Urquhart, N., and Muldoon, assignors.)
Conver Steel & Wire Co. Incorporated. (See La Grotta, Frank, assignor.)
Converse, Earl M., Evanston, assignor to Dearborn Chemical Company, Chicago, Ill. Pipe wrapping material. 2,360,109; Oct. 10.
Converse, Julius. (See Higley, F. R., and Converse, assignors.)
Converse, Julius, East Cleveland, assignor to The Bryant Heater Company, Cleveland, Ohio. Pilot valve. 2,349,484; May 23.
Converse, Julius, East Cleveland, assignor to The Bryant Heater Company, Cleveland, Ohio. Burner control. 2,362,247; Nov. 7.
Converse, Lynn C., Tulsa, Okla., assignor to Standard Oil Development Company. Microphone for conduits. 2,361,458; Oct. 31.
Conveyor Company, The. (See Saxe, Walter E., assignor.)
Conway, Frank A., Elkins Park, Pa. Drill fixture. 2,357,579; Sept. 5.
Conway, Leon F., assignor to F. S. Bloom, Pittsburgh, Pa. Combustion method. 2,360,548; Oct. 17.
Conway, Thomas J., and A. B. Buss, Lake Crystal, Minn. Farm vehicle body. 2,345,328; Mar. 28.
Conway, William A., Jr., Shamokin, Pa. Picture mount. 2,349,340; May 23.
Conway, Woodville B., Escondido, Calif. Fire arm. 2,356,792; Sept. 26.
Conzetti, Achille, Basel, and E. Lehmann, Riehen near Basel, assignors to J. R. Geigy A. G., Basel, Switzerland. Alcohol-soluble azo dyestuffs and their manufacture. 2,348,788; May 16.
Conzetti, Achille, Basel, and O. Schmid, Muttenz, near Basel, assignors to J. R. Geigy A. G., Basel, Switzerland. Mordant triazole dyestuffs and making the same. 2,362,988; Nov. 21.
Coody, John L., Tulsa, Okla. Pipe heating furnace. 2,366,088; Dec. 26.
Cook Bros. (See Harbers, H. C., and Cook, assignors.)
Cook, Charles O., Takoma Park, Md. Stereoscopic plotting instrument. 2,363,843; Nov. 28.
Cook, Curtiss L., assignor of one-half to Syracuse Chilled Plow Company, Inc., Syracuse, N. Y., and one-half to F. R. Shaw, Presque Isle, Maine. Potato planter. 2,342,122; Feb. 22.
Cook, Curtiss L., and A. E. Young, assignors to Syracuse Chilled Plow Co., Inc., Syracuse, N. Y. Tractor controlled harrow. 2,354,850; Aug. 1.
Cook, Earle S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Variable load brake. 2,344,851; Mar. 21.
Cook, Earle S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Variable load brake. 2,361,087; Oct. 24.
Cook Electric Company. (See Baker, John S., assignor.)
Cook Electric Company. (See Schultz, Roy M., assignor.)
Cook, Ellsworth D., Scotia, N. Y., assignor to General Electric Company. Counter circuit. 2,349,810; May 30.
Cook, Elmer W. (See Ashley, K. D., and Cook.)
Cook, Elmer W., New York, N. Y., and W. D. Thomas, Jr., Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Crankcase lubricant and chemical compounds therefor. 2,342,572; Feb. 22.
Cook, Elmer W., New York, N. Y., and W. D. Thomas, Jr., Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Crankcase lubricants and chemical compound therefor. 2,344,392; Mar. 14.
Cook, Elmer W., New York, N. Y., and W. D. Thomas, Jr., Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Lubricating oil composition. 2,344,393; Mar. 14.
Cook, Elmer W., New York, N. Y., and W. D. Thomas, Jr., Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Barium di(dihydro abietyl)-dithiophosphate and making the same. 2,344,394; Mar. 14.
Cook, Elmer W., New York, N. Y., and W. D. Thomas, Jr., Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Lubricating oil. 2,344,395; Mar. 14.
Cook, Elmer W., New York, N. Y., and P. H. Moss, Greenwich, Conn., assignors to American Cyanamid Company, New York, N. Y. Lubricating oil. 2,345,239; Mar. 28.
Cook, Elmer W., New York, N. Y., and W. D. Thomas, Jr., Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Bis-(2,4-dialkylphenol)-4-alkyl phenol sulphides and salts thereof. 2,346,826; Apr. 18.
Cook, Elmer W., New York, N. Y., and W. D. Thomas, Jr., Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Lubricating oil. 2,347,592; Apr. 25.
Cook, Elmer W., New York, N. Y., and W. D. Thomas, Jr., Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Lubricating oil and additive therefor. 2,350,959; June 6.
Cook, Elmer W., New York, N. Y., and W. D. Thomas, Jr., Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Stabilization of motor fuels. 2,354,798; Aug. 1.
Cook, Elmer W., New York, N. Y., and W. D. Thomas, Jr., Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Lubricating composition. 2,358,305; Sept. 19.
Cook, Elmer W., New York, N. Y., and W. D. Thomas, Jr., Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Crankcase lubricating oil composition. 2,361,746; Oct. 31.

Cook, Elmer W., New York, N. Y., and W. D. Thomas, Jr., Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Wax substituted diaryl dithiophosphoric acids and salts thereof. 2,365,938; Dec. 26.

Cook, Frank L., South Bend, Ind. Pipe wrench. 2,365,627; Dec. 12.

Cook, George B. (See Campbell, D. L., and Cook.)

Cook, Harold H., Steward, Ill. Corn picker. 2,346,252; Apr. 11.

Cook, Henry Ralph, Jr. (See Carpenter, A., and Cook, Jr.)

Cook, Howard F. (See Harbers, H. C., and Cook.)

Cook, James M., La Grange, assignor to Cribben and Sexton Company, Chicago, Ill. Range frame. 2,364,950; Dec. 12.

Cook, John, Buffalo, N. Y. Boiler. 2,359,827; Oct. 10.

Cook, Judson A., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Bandoleer loading tool. 2,354,220; Aug. 22.

Cook, Lee R. (See Emerson, C. G., and Cook.)

Cook, Leonard W., Stratford, Conn., assignor to General Electric Company. Operating mechanism for discharge lamps. 2,341,905; Feb. 15.

Cook, Leonard W., Stratford, Conn., assignor to General Electric Company. Starting switch and lockout device for electric discharge lamps. 2,343,172; Feb. 29.

Cook, Leonard W., Stratford, Conn., assignor to General Electric Company. Fluorescent lamp starting and controlling apparatus. 2,352,940; July 4.

Cook, Leonard W., Stratford, Conn., assignor to General Electric Company. Heat control device. 2,354,910; Aug. 1.

Cook, Melvin A., and C. O. Davis, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. High-density explosive charge. 2,353,147; July 11.

Cook, Merle A., Boulder City, Nev. Specific gravity indicator. 2,345,180; Mar. 28.

Cook, Norman W., Englewood, N. J. Anchoring the elastic threads of fabric and the product produced by the method. 2,341,019; Feb. 2.

Cook, Paul G., Chicago, Ill., assignor to Union Bag & Paper Corporation, New York, N. Y. Device for sealing bags. 2,365,523; Dec. 19.

Cook, Thalis E., San Angelo, Tex. Spray gun adapter. 2,339,379; Jan. 18.

Cook, Wilbert H., New York, N. Y., and H. C. Dalrymple, West Orange, N. J., assignors to Guided Radio Corporation, New York, N. Y. Amplifier circuit. 2,358,148; Sept. 12.

Cook, Willard G., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control system. 2,342,790; Feb. 29.

Cook, Willard G., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control system. 2,354,105; July 18.

Cook, William D., Detroit, Mich., assignor to Phillips Petroleum Company. Filling device. 2,340,936; Feb. 8.

Cooke, Boris A., and L. W. Gane, assignors to Columbian Rope Company, Auburn, N. Y. Molding. 2,353,996; July 18.

Cooke, Giles B. (See McManus, C. E., and Cooke.)

Cooke, Giles B. (See McManus, C. E., Jr., and Cooke.)

Cooke, Horace B., Alexandria, Va., assignor to Gulf Oil Corporation, Pittsburgh, Pa. Cracking hydrocarbon oils. 2,358,148; Sept. 12.

Cooke, Horace B., Alexandria, Va., assignor to Gulf Oil Corporation, Pittsburgh, Pa. Cracking hydrocarbon oils. 2,358,150; Sept. 12.

Cooke, James W., Schenectady, N. Y., assignor to General Electric Company. Control system. 2,350,150; May 30.

Cooke, Norman, and R. I. Minchom, Sunderland, England. Manufacture of connectors having forked ends. 2,340,508; Feb. 1.

Cooke, William T., Garden City, and A. S. Maeder, deceased, by Sperry Gyroscope Company, Inc., Brooklyn, N. Y., assignor. Method and apparatus for landing aircraft. Re. 22,484; May 23.

Coolbroth, Augusta P., Springfield, Mass. Purse, handbag, or the like. 2,353,222; July 11.

Cooley, Austin G., assignor to Times Telephoto Equipment Inc., New York, N. Y. Telefacsimile system. 2,341,315; Feb. 8.

Cooley, Austin G., assignor to Times Telephoto Equipment Inc., New York, N. Y. Facsimile machine. 2,363,398; Nov. 21.

Cooley, Cecil G., Chillicothe, Mo., Method of and apparatus for testing loose geological formations. 2,342,253; Feb. 22.

Cooley, Floyd A. (See Dean, B. H., Cooley, and Kegler.)

Cooley, Floyd A., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Magazine for firearms. 2,365,392; Dec. 19.

Cooley, Hal, Portland, Oreg. Photoprinting device. 2,354,385; Aug. 22.

Cooley, William L., San Carlos, assignor to A. A. Baldwechl, San Francisco, Calif. Attitude control apparatus. 2,357,459; Sept. 5.

Coolidge, Charles H. (See Remington, L. F., and Coolidge.)

Coon, Guy, Hartford, Iowa. Loader for baled material. 2,342,444; Mar. 7.

Cooney, Edward W., Woodstock, Ill., assignor to International Harvester Company. Oven. 2,351,487; June 13.

Cooney, James F. (See Reece, C. W., and Cooney.)

Cooney, John R., Waldoboro, Maine, assignor to Radio Corporation of America. Noiseless sound system. 2,347,084; Apr. 18.

Cooney, Peter A., assignor to Chronotype Corporation, Chicago, Ill. Time and production recorder. 2,344,497; Mar. 21.

Coonrod, Paul, Kilgore, Tex., assignor to Production Supply Company, Oklahoma City, Okla. Removable bottom hole choke. 2,353,652; July 18.

Coons, Burton C., assignor to Food Machinery Corporation, San Jose, Calif. Fruit reshaping mechanism. 2,356,977; Aug. 29.

Coons, Curtis C., assignor to The Hoover Company, North Canton, Ohio. Refrigeration. 2,340,414; Feb. 1.

Coons, Curtis C., assignor to The Hoover Company, North Canton, Ohio. Refrigeration. 2,345,461; Mar. 28.

Coons, Curtis C., assignor to The Hoover Company, North Canton, Ohio. Refrigeration. 2,352,472; June 27.

Coons, Curtis C., assignor to The Hoover Company, North Canton, Ohio. Refrigeration. 2,363,399; Nov. 21.

Coons, Curtis C., assignor to The Hoover Company, North Canton, Ohio. Refrigeration. 2,363,400; Nov. 21.

Coons, William W., New Britain, Conn. Electric iron with pilot light. 2,340,787; Feb. 1.

Cooper Aircraft Mooring Co. (See Warren, Walter F., assignor.)

Cooper, Benjamin, Jersey City, N. J. Calculating machine. 2,340,581; Feb. 1.

Cooper, Benjamin, Jersey City, N. J. Key identifier. 2,344,234; Mar. 14.

Cooper, Benjamin, Jersey City, N. J. Toll checking system. 2,351,405; June 13.

Cooper, Benjamin, Jersey City, N. J. Serial numbering device. 2,364,345; Dec. 5.

Cooper, Benjamin, Scotia, N. Y., assignor to General Electric Company. Electric control circuit. 2,355,952; Aug. 15.

Cooper, Charles L., Los Angeles, Calif. Oil burner. 2,353,880; July 18.

Cooper, Ellis S. (See Cooper, Ellis W., assignor.)

Cooper, Ellis W., assignor of one-half to E. S. Cooper, Los Angeles, Calif. Film rack. 2,364,891; Dec. 12.

Cooper, Harry G., West Medford, Mass., assignor to The Prosperity Company, Inc., Syracuse, N. Y. Garment folding machine. 2,362,976; Nov. 21.

Cooper, Hugh S., assignor of one-half to F. H. Wilson, Cleveland, Ohio. Producing anhydrous $MgCl_2$. 2,355,367; Aug. 8.

Cooper, James F., Darby, Mont. Feeding pail or container. 2,360,549; Oct. 17.

Cooper, Joseph H., Warren, and C. E. Smith, Port Homer, assignors to The Taylor-Winfield Corporation, Warren, Ohio. Welding method and apparatus. 2,363,719; Nov. 28.

Cooper, Joseph T., Alhambra, Calif. Cutting and stapling device. 2,358,306; Sept. 19.

Cooper, Kendall Y. (See Sheps, L. J., Boisclair, Cooper, and Fristensky.)

Cooper, Mary K., Dayton, Ohio. Combined desk and table. 2,354,106; July 18.

Cooper, Nathan E. (See Fontaine, Raymond A., assignor.)

Cooper Paper Box Corporation. (See Kirkland, E. W., and Otto, assignors.)

Cooper, Paul. (See Shelmire, S. R., and Cooper.)

Cooper, Robert H., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Oxidative condensation product of organic mercaptans and primary amines. 2,339,002; Jan. 11.

Cooper, Robert H., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Manufacture of thiourea. 2,353,997; July 18.

Cooper, William A., assignor to William Cotton Limited, Loughborough, England. Knitting machine and sinker. 2,353,634; July 18.

Cooper, William B., and E. J. Seabold, assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Apparatus for annealing. 2,345,181; Mar. 28.

Cooper, Carl M. (See Buell, C. K., and Cooper.)

Cooper, Hugh S., assignor of one-half to F. H. Wilson, Cleveland, Ohio. Producing magnesium. 2,351,488; June 13.

Cooper, Hugh S., assignor of one-half to F. H. Wilson, Cleveland, Ohio. Metallurgical furnace. 2,351,489; June 13.

Cooper, Hugh S., assignor of one-half to F. H. Wilson, Cleveland, Ohio. Terminal for vacuum-type furnaces. 2,351,490; June 13.

Cooper, La Mar S., Erie, Pa., assignor to General Electric Company. Food storage receptacle. 2,348,524; May 9.

Cooper, Nathan E. (See Fontaine, Raymond A., assignor.)

Cooper Paper Box Corporation. (See Kirkland, E. W., and Otto, assignors.)

Cooper Paper Box Corporation. (See Otto, Herman E., assignor.)

Coordes, Harry G., assignor to Briggs Manufacturing Company, Detroit, Mich. Lavatory. 2,361,604; Oct. 31.

Cope, Arthur C., Bryn Mawr, assignor to Sharp & Dohme, Incorporated, Philadelphia, Pa. Chemical compound. 2,339,914; Jan. 25.

Cope, Frank T., assignor to The Electric Furnace Company, Salem, Ohio. Fuel mixing apparatus. 2,341,177; Feb. 8.

Cope, John Q., and W. H. Claussen, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Selective solvent extraction of petroleum. 2,343,611; Mar. 7.

Copeland, Ermin S., D. B. Porter, and W. Van Wyck, assignors to Fry & Blackhall, Limited, Wingham, Ontario, Canada. Spring support for upholstery and the like. 2,365,865; Dec. 26.

Copeland, Norman A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Apparatus for deaerating viscose compositions. 2,355,057; Aug. 8.

Copeland, Robert J., Toronto, Ontario, and E. J. Bloore, Brampton, Ontario, Canada; said Bloore assignor to said Copeland. Moistening device for duplicating machines. 2,366,648; Oct. 17.

Copeman Laboratories Company. (See Copeman, Lloyd G., assignor.)

Copeman Laboratories Company. (See Jennings, Harley Y., assignor.)

Copeman Laboratories Company. (See Jennings, H. Y., and Gillen, assignors.)

Copeman Laboratories Company. (See Jennings, H. Y., Schouman, and Sweney, assignors.)

Copeman, Lloyd G., Lapeer, assignor to Copeman Laboratories Company, Flint, Mich. Closure member and applying same. 2,356,825; Aug. 29.

Copen, Harry E. (See Brown, A. J., Copen, and Nisenson.)

Copp, Nelson H., assignor of one-half to H. J. Nagle and one-half to R. A. Nagle, Rochester, N. Y. Antiskid device for the tires of motor vehicle wheels. 2,344,970; Mar. 28.

Copp, Nelson H., assignor of one-half to H. J. Nagle and one-half to R. A. Nagle, Rochester, N. Y. Antiskid chain for vehicles. 2,344,971; Mar. 28.

Copp, Nelson H., assignor of one-half to H. J. Nagle and one-half to R. A. Nagle, Rochester, N. Y. Antiskid means for vehicle wheels. 2,344,972; Mar. 28.

Copperweld Steel Company. (See Holmquist, Carl W., assignor.)

Coppus Engineering Corporation. (See Gibson, Carl W., assignor.)

Corber, Frederick H., Chester, assignor of one-third to A. S. Cheston, one-third to E. C. Edmonds, and one-third to B. Cheston, Birmingham, England. Adjustable seat. 2,345,182; Mar. 28.

Corbin, David, Chicago, Ill. Web and sheet handling mechanism. 2,361,459; Oct. 31.

Corbin, Douglas H., Dunstable, and R. R. Barrington, Luton, England, assignors to General Motors Corporation, Detroit, Mich. Sealing electrical conductors in insulators. 2,342,842; Feb. 29.

Corbin, Eber P., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Loader. 2,341,977; Feb. 15.

Corbitt, Robert A. (See Dickey, J. B., Strain, and Corbitt.)

Corboslero, Joseph, Fitchburg, Mass. Tool. 2,354,245; July 25.

Cordes, Henry P., Tracy, Calif. Planting mechanism. 2,348,787; May 16.

Cordle, Cornell H. (See Alexander, H. B., and Cordle.)

Cords, Erich. (See zur Nedden, G., and Cords.)

Core Laboratories, Inc. (See Horner, William L., assignor.)

Core Laboratories, Inc. (See Kelton, Frank C., Jr., assignor.)

Core Laboratories, Inc. (See Lewis, James A., assignor.)

Coreve Corporation. (See Evans, Harold A., assignor.)

Corhart Refractories Company. (See Fulcher, G. S., and Field, assignors.)

Corin, Philip G., Harrogate, assignor of one-half to Henry Berry & Company Limited, Leeds, Yorkshire, England. Hydraulically operated machine tool. 2,349,846; May 30.

Corkery, Frank W., Crafton, and S. G. Burroughs, Pittsburgh, Pa., assignors to Pennsylvania Industrial Chemical Corporation. Coating composition. Re. 22,438; Feb. 22.

Corkery, Frank W., Crafton, and S. G. Burroughs, Pittsburgh, assignors to Pennsylvania Industrial Chemical Corporation, Clairton, Pa. Purification of styrene still bottoms. 2,353,223; July 11.

Corkery, Frank W., Crafton, and S. G. Burroughs, Pittsburgh, Pa., assignors to Pennsylvania Industrial Chemical Corporation. Chewing gum base. 2,357,811; Sept. 12.

Corley, Gale C., Clinton, Ill., assignor of one-half to G. W. Lincoln, Jr., Louisville, Ky. Flexible roll-up drawing board. 2,346,908; Apr. 18.

Corley, Henry B., Washington, D. C. Street traffic signal. 2,349,485; May 23.

Corley, Mark H., and J. A. Heckman, assignors to Miller Wrapping and Sealing Machine Company, Chicago, Ill. Bag sealing mechanism. 2,340,510; Feb. 1.

Corliss, Charles H. (See Scribner, B. F., and Corliss.)

Corman, Louis. (See Weisberg, M., and Corman.)

Cormode, William J., Erdington, Birmingham, assignor to T. I. (Group Services) Limited, Birmingham, England. Upsetting of metal tubes, rods, or the like. 2,344,285; Mar. 14.

Corn Products Refining Company. (See Cantor, S. M., and Hobbs, assignors.)

Corn Products Refining Company. (See Horesi, Anthony C., assignor.)

Corn Products Refining Company. (See James, Albert L., assignor.)

Corn Products Refining Company. (See Stewart, Charles W., assignor.)

Cornelius, James R., Haseley Knob, near Warwick, England. Multipoint lubrication. 2,350,877; June 6.

Cornelius, Richard T., Minneapolis, Minn. Hydraulic press. 2,357,632; Sept. 5.

Cornell, Charles A., Johnstown, Ohio. Tire patch. 2,344,677; Mar. 21.

Cornell-Dubilier Electric Corporation. (See Weiss, Felix, assignor.)

Cornell, Fay D., San Gabriel, Calif. Dairy establishment. 2,358,000; Sept. 12.

Cornell, Frank S. (See Waters, H. F., and Cornell.)

Cornell, Fritz G., Jr., Mountain Lakes, N. J. Dairy product deodorizer. 2,343,886; Mar. 14.

Cornell, Paul W. (See Packie, J. W., Long, and Cornell.)

Cornell Research Foundation, Inc. (See Parratt, L. G., and Trischka, assignors.)

Cornell Research Foundation, Inc. (See Romanoff, Alexis L., assignor.)

Cornell Research Foundation, Inc. (See Sharp, Paul F., assignor.)

Corning Glass Works. (See Blau, Henry H., assignor.)

Corning Glass Works. (See Blau, H. H., and Kell, assignors.)

Corning Glass Works. (See Hinkley, R. A., and Melkle, assignors.)

Corning Glass Works. (See Jackson, John K., assignor.)

Corning Glass Works. (See Kell, Raymond W., assignor.)

Corning Glass Works. (See Kiehl, Harry R., assignor.)

Corning Glass Works. (See Kiehl, H. R., and Shaver, assignors.)

Corning Glass Works. (See Littleton, J. T., and Day, assignors.)

Corning Glass Works. (See Mattoon, Deo R., assignor.)

Corning Glass Works. (See Nordberg, Martin E., assignor.)

Corning Glass Works. (See Nordberg, M. E., and Rumenapp, assignors.)

Corning Glass Works. (See Pond, Leander N., assignor.)

Corning Glass Works. (See Smith, Robert K., assignor.)

Cornish, Irving R. (See Paxton, J. W. and G. N., and Cornish.)

Cornwell, Ralph T. K., assignor to Sylvania Industrial Corporation, Fredericksburg, Va. Article of manufacture and producing the same. 2,365,455; Dec. 19.

Cornwell, Ralph T. K., and C. M. Rosser, Fredericksburg, and J. A. Yourtee, Arlington, assignors to Sylvania Industrial Corporation, Fredericksburg, Va. Shrinkable article and producing same. 2,346,417; Apr. 11.

Corp, Maurice J., Los Angeles, assignor to T. W. Burnam, Whittier, Calif. Liquid pump. 2,348,109; May 2.

Corr, Irving, et al. (See Gross, Joseph, assignor.)

Corral Uribe, Manuel, Mexico City, Mexico. Inviolable locking for envelopes. 2,358,490; Sept. 19.

Corren, Sidney A., Tottenville, Staten Island, assignor to Nassau Smelting & Refining Company, Incorporated, New York, N. Y. Electrolytic refining of copper-bearing materials. 2,361,013; Oct. 24.

Corrigan, John T., Newport, R. I. Variable pitch propeller. 2,352,186; June 27.

Corset, Lucien A. M., Paris, France; vested in the Alien Property Custodian. Remote reading electric indicator gauge. 2,353,148; July 11.

Corso, Frank S., Beechhurst, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone booth. 2,349,144; May 16.

Corson, Ben B., Swissvale, Pa., assignor to Koppers Company. Sur-refining of coal-tar derivatives and the like. 2,346,664; Apr. 18.

Corson, Charles A., Painted Post, assignor to Ingersoll-Rand Company, New York, N. Y. Compressor system. 2,345,797; Apr. 4.

Corte, Alfred, Glendale, Calif., assignor, by mesne assignments, to Lockheed Aircraft Corporation. Gun turret. 2,362,887; Nov. 14.

Corte, Alfred, Glendale, Calif., assignor, by mesne assignments, to Lockheed Aircraft Corporation. Gun turret. 2,364,425; Dec. 5.

Corte, Alfred, Glendale, Calif., assignor, by mesne assignments, to Lockheed Aircraft Corporation. Gun turret mounting. 2,364,951; Dec. 12.

Corte, Alfred, Glendale, and L. B. Browder, Burbank, Calif., assignors, by mesne assignments, to Lockheed Aircraft Corporation. Gun-sight interpupiliary adjustment. 2,342,843; Feb. 29.

Corteen, Harry, assignor to Tootal Broadhurst Lee Company Limited, Manchester, England. Treatment of textile materials. 2,359,086; Sept. 26.

Corteen, Harry, assignor to Tootal Broadhurst Lee Company Limited, Manchester, England. Manufacture of collars for personal wear. 2,362,248; Nov. 7.

Cortés, Rafael P., deceased, by T. A. Cortés, Mexico City, Mexico, executrix. Apparatus for amusement and instruction in aviation. 2,362,190; Nov. 7.
Cortés, Teresa A., executrix. (See Cortés, Rafael P.)
Cortese, Francesco P., Highland Park, Mich. Wrist attached purse. 2,352,473; June 27.
Cortes, Daniel, Washington, and C. Paternoster, Duquesne, Pa. Muffler. 2,353,998; July 18.
Cortner, Clyde J., Long Beach, Calif. Shockproof light fitting. 2,364,194; Dec. 5.
Corwin, Howard D., assignor to Lake State Products, Inc., Jackson, Mich. Steerable tail wheel. 2,338,572; Jan. 4.
Corwin, John F., and R. C. White, Bainbridge, assignors to The Borden Company, New York, N. Y. Bottle labeling adhesive. 2,351,109; June 13.
Cory Glass Coffee Brewer Co. (See Alsdorf, James W., assignor.)
Cory, Harvey, Chicago, Ill. Coffee brewer. 2,359,405; Oct. 3.
Cory, William, Chicago, Ill. Rotary index file. 2,343,280; Mar. 7.
Coryell, William C., Youngstown, Ohio. Airfield. 2,344,131; Mar. 14.
Cosand, Carl M., Cottonwood, Idaho. Airplane wing construction. 2,344,286; Mar. 14.
Cosgriff, Joseph. (See Donner, Stephen N., assignor.)
Cosgrove, Rex P., Toledo, Ohio, assignor, by mesne assignments, to Libbey-Owens-Ford Glass Company. Urea-formaldehyde composition. 2,343,497; Mar. 7.
Cosin, Joseph J., Brooklyn, assignor to Hughes-Autograf Brush Company, Inc., New York, N. Y. Hairbrush cover. 2,363,647; Nov. 28.
Cosmos Imperial Mills Limited. (See Monsaroff, Boris, assignor.)
Cosper, Dale L., assignor to International Harvester Company, Auburn, Ind. Vehicle cab. 2,362,453; Nov. 14.
Coss, Harold T., Somerville, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Manufacturing mineral wool products. 2,338,839; Jan. 11.
Coss, Harold T., Somerville, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Method and apparatus for insulating structures. 2,356,827; Aug. 29.
Coss, Harold T., and W. M. MacAlpine, Somerville, and L. A. Hawthorne, Hillside, N. J., assignors to Johns-Manville Corporation, New York, N. Y. Manufacturing Mineral wool and product. 2,356,826; Aug. 26.
Coss, Harold T., Somerville, L. A. Hawthorne, Hillside, and J. H. Zettel, Somerville, N. J., assignors to Johns-Manville Corporation, New York, N. Y. Manufacturing felted mineral wool products. 2,357,042; Aug. 29.
Cossor, A. C., Limited. (See Bedford, L. H., and Stevens, assignors.)
Cossor, A. C., Limited. (See Fleming-Williams, Brian C., assignor.)
Cossor, A. C., Limited. (See Strafford, Frederick R. W., assignor.)
Costa, Edward J., and V. A. Ryan, assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Cap. 2,338,705; Jan. 11.
Costa, José A. Q., Buenos Aires, Argentina. Orthopedic arm. 2,350,339; June 6.
Costa, José A. Q., Buenos Aires, Argentina. Orthopedic hands. 2,353,811; July 18.
Costa, Joseph L., Hinsdale, Ill., and W. H. Kahler, Saylesville, assignors to Manville Jenckes Corporation, Manville, R. I. Treatment of acid setting baths used in the manufacture of cellulose products from viscose. 2,352,519; June 27.
Costa, Thomas J., Teaneck, N. J. Armor shell for motor vehicles. 2,363,573; Nov. 28.
Costello, Frank E., Philadelphia, Pa. Cartridge disassembling machine. 2,349,248; May 23.
Costigan, Edward F., Milwaukee, Wis. Collapsible crate. 2,350,673; June 6.
Costley, Henry R., assignor to Nash-Kelvinator Corporation, Kenosha, Wis. Polishing machine. 2,347,029; Apr. 18.
Cotchett, Louis M., Hingham, assignor to Saco-Lowell Shops, Boston, Mass. Builder motion for spinning and twister frames. 2,357,580; Sept. 5.
Cote, George H., Bridgeport, Conn. Toolholder. 2,348,727; May 16.
Cothran, Charles D. (See Burwick, L. W., Cothran, and Cunning.)
Cothran, Charles D., Pomona, Calif., assignor, by mesne assignments, to Brodgdex Company. Processes of and compositions for protectively coating fresh fruits or vegetables. 2,363,232; Nov. 21.
Cotter, Adelaide P., et al. (See Randall, Arthur F., assignor.)
Cotter, Bart, assignor to General Motors Corporation, Detroit, Mich. Window guide installation. 2,341,597; Feb. 15.
Cotter, James L., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,363,295; Nov. 21.
Cotter, Milton A., Los Angeles, Calif. Sweatbox. 2,346,827; Apr. 18.
Cotterill, Ernest, Braintree, assignor to Courtaulds Limited, London, England. Warp knitting machine. 2,339,153; Jan. 11.
Cotterman, Frederick W., Dayton, Ohio. Electrically controlled automotive transmission. 2,343,955; Mar. 14.
Cotton, Aubrey P., St. Matthews, S. C. Drawer attachment for automobiles. 2,353,391; July 11.
Cotton, Earl I., Lucerne, Wash. Drill bit sharpening mechanism. 2,345,100; Mar. 28.
Cotton, Emery M., et al. (See Cotton, Loda L., assignor.)
Cotton, Loda L., Greenfield, assignor of one-sixth to G. B. McCully, one-sixth to E. M. Cotton, Shawnee, one-sixth to J. F. Gwaltney, Greenfield, and one-sixth to J. F. Walker, Geary, Okla. Grapple weight for aerial warfare. 2,360,332; Oct. 17.
Cotton, William, Limited. (See Cooper, William A., assignor.)
Cottrell, C. B., & Sons Company. (See Barber, Howard M., assignor.)
Cottrell, C. B., & Sons Company. (See Luehrs, Hans J., assignor.)
Cottrell, C. B., & Sons Company. (See Meyer, Joseph E., assignor.)
Cottrell, Robert B., assignor to American Steel Foundries, Chicago, Ill. Side frame. 2,338,684; Jan. 4.
Cottrell, Robert B., assignor to American Steel Foundries, Chicago, Ill. Tying and squaring means for car trucks. 2,347,628; Apr. 25.
Cottrell, Robert B., assignor to American Steel Foundries, Chicago, Ill. Side bearing. 2,350,301; May 30.
Cottrell, Robert B., assignor to American Steel Foundries, Chicago, Ill. Truck. 2,360,649; Oct. 17.
Cottrell, Robert B., assignor to American Steel Foundries, Chicago, Ill. Car truck. 2,362,980; Nov. 21.
C-O-Two Fire Equipment Company. (See Allen, Frank B., assignor.)
Coty, Hazel G., administratrix. (See Coty, Thomas E.)
Coty Machine Corporation. (See Coty, Thomas E., assignor.)
Coty, Thomas E., deceased; H. G. Coty, administratrix, assignor, by mesne assignments, to Coty Machine Corporation, Watertown, N. Y. Valve bag. 2,346,292; Apr. 11.
Couch, Forrest J., assignor to The American Laundry Machinery Company, Norwood, Cincinnati, Ohio. Measuring device for fabric finishing machines. 2,348,330; May 9.
Couch, Glenn F., assignor to The Symington-Gould Corporation, Rochester, N. Y. Railway truck. 2,347,463; Apr. 25.
Couch, Glenn F., Rochester, N. Y., assignor to The Symington-Gould Corporation, Rochester, N. Y. Railway truck. 2,348,453; May 9.
Couch, Harold D., Peshastin, Wash. Machine for handling boxes and similar articles. 2,350,449; June 6.
Couch, Lloyd A., Eugene, Oreg. Railroad spike. 2,348,331; May 9.
Couëlle, Jacques, Marseille, France; vested in the Alien Property Custodian. Structural member. 2,356,386; Aug. 22.
Coughlin, Daniel J., Uddevalla, Sweden. Cutting tool holder. 2,345,462; Mar. 28.
Coughlin, David J., assignor of one-third to P. Owens, Portage, Wis. Bicycle parking rack. 2,357,504; Sept. 5.
Coulson, Silas, Jackson Heights, N. Y. Apparatus for electroplating cylinders. 2,351,586; June 20.
Coultas, Wilbur J. (See Paradise, L. A., and Coultas.)
Coultas, Wilbur J. (See Paradise, L. A., Coultas, and Dort.)
Coultas, Wilbur J., and E. T. Johnson, assignors to Deere & Company, Moline, Ill. Tractor mower. 2,342,844; Feb. 29.
Coulton, John S., Cleveland, and I. R. Disbro, Lakewood, assignors to The W. S. Tyler Company. Method of and apparatus for ventilating elevator cars. 2,350,389; June 6.
Counts, Kermit A., Winchester, Tenn. Wooden wagon and spring therefor. 2,353,999; July 18.
Courage, Albert, Montreal, Quebec, Canada. Traction device for skis. 2,358,213; Sept. 12.
Courson, Ula L., Remerton, Ga. Tobacco stick. 2,359,357; Oct. 3.
Court, Frank T. (See Brown, T., and Court.)
Court, Frank T. (See Neighbour, L. B., Court, and Haverstick.)
Court, Frank T., assignor to Deere & Company, Moline, Ill. Corn harvester. 2,351,807; June 20.
Court, Kenneth, assignor to Gelatin Products Corporation, Detroit, Mich. Dispensing capsule. 2,365,524; Dec. 19.
Courtaulds Limited. (See Berry, John K., assignor.)
Courtaulds Limited. (See Cotterill, Ernest, assignor.)
Courtaulds Limited. (See MacGregor, James H., assignor.)
Courtaulds Limited. (See McFarlane, Robert A., assignor.)
Courtaulds Limited. (See White, George, assignor.)
Courtaulds Limited. (See Wilcock, Clifford C., assignor.)
Courtney, Edward J., Oaklyn, N. J. Pressure gauge. 2,360,202; Oct. 10.
Courtney, Orley R., Lansing, Mich. Airplane wing construction. 2,356,918; Aug. 29.
Couse, Kibbey W., Newark, N. J. Combination scoop-and-boom structure. 2,354,740; Aug. 1.

Couse, Kibbey W., Newark, N. J. Automotive vehicle rut filler and antiskid structure. 2,355,204; Aug. 8.
Couse, Kibbey W., Newark, N. J. Portable emergency work and supply shop. 2,358,446; Sept. 19.
Couse, Kibbey W., Newark, N. J. Center drilling device. 2,365,939; Dec. 26.
Couse, Kibbey W., Newark, N. J. Traveling workshop. 2,365,940; Dec. 26.
Cousino, Walter P., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Motor vehicle lighting. 2,347,085; Apr. 18.
Cousino, Walter P., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Injection molding apparatus. 2,362,469; Nov. 14.
Cousins, Claude H., Kansas City, Mo. Stair rail bracket hanger. 2,340,367; Feb. 1.
Cousins, Van M., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Push-pull amplifier. 2,338,410; Jan. 4.
Couturier, Alfred L., Orelans, France; vested in the Alien Property Custodian. Air tube for pneumatic tires. 2,356,508; Aug. 22.
Covell, Ernest G., assignor of one-half to J. W. Hogg, Springfield, Mo. Folding furniture. 2,362,116; Nov. 7.
Coventry Climax Engines Limited. (See Hathaway, Lawrence, assignor.)
Coventry Gauge & Tool Company Limited. (See Jellis, Morgan, assignor.)
Coventry Gauge & Tool Company Limited. (See Wainwright, John E., assignor.)
Coventry, Rose M., Boise, Idaho. Hair drier. 2,346,558; Apr. 11.
Cover, Ralph, and G. Osburn, assignors to The United Company, Westminster, Md. Method of and machine for husking corn. 2,358,961; Sept. 26.
Covert, Alfred D. (See Hartsell, C. L., and Covert.)
Covert, Alfred D., Detroit, Mich. Nonsettling putty. 2,344,130; Mar. 14.
Covey, Charles H., assignor to The Marietta Concrete Corporation, Marietta, Ohio. Silo and the like and the production thereof. 2,361,272; Oct. 24.
Cowan, Alfred M., Addingham, England. Metal reinforced fibrous sheet. 2,359,205; Sept. 26.
Cowan, Charles H., Jr., Stonington, Conn. Bottle cap remover. 2,347,734; May 2.
Cowan, Elmer G., and J. M. Coder, Claysburg, assignors to General Refractories Company, Philadelphia, Pa. Drop-mud method of and apparatus for molding brick. 2,352,771; July 4.
Cowan, John W., Milton, Mass. Filing cabinet. 2,363,574; Nov. 28.
Coward, Annaree S. (See Coward, Robert F., Jr., and A. S.)
Coward, Robert F., Jr., and A. S., Memphis, Tenn. Apron. 2,361,068; Oct. 24.
Coward, William H., New Rochelle, N. Y. Micrometer. 2,344,498; Mar. 21.
Cowbourne, Spencer E., Arlington, Mass. Door and window frame. 2,341,906; Feb. 15.
Cowell, Edward N. (See Bullard, E. P., III, Cowell, and Mussler.)
Cowell, Edward N. (See Bullard, E. P., III, Mussler, Lange, Cowell, and Alvey.)
Cowell, Frederick R., assignor to Kirkstall Forge Limited, Leeds, England. Internally expanding brake. 2,348,960; May 16.
Cowell, Frederick R., assignor to Kirkstall Forge Limited, Leeds, England. Internally expanding brake. 2,350,878; June 6.
Cowey, Leonard E., Kew Gardens, England. Aircraft landing gear. 2,346,010; Apr. 4.
Cowgill, Harry B., Jr., Rockville Centre, N. Y. Spotting dolly for airplanes and the like. 2,357,633; Sept. 5.
Cowin and Company. (See Cowin, James, assignor.)
Cowin, James, deceased; M. P. Cowin and Northwestern National Bank of Minneapolis, administrators, assignors to Cowin and Company, Minneapolis, Minn. Securing means for insulating panels. 2,363,296; Nov. 21.
Cowin, Marion P., administrator, et al. (See Cowin, James.)
Cowin, Stuart H., Chicago, Ill., assignor to General Motors Corporation, Detroit, Mich. Electrical protective system. 2,342,845; Feb. 29.
Cowles Company, The. (See Cowles, Edwin, assignor.)
Cowles, Edwin, Cayuga, N. Y., assignor to The Cowles Company, Princeton, N. J. Apparatus for screening paper pulp. 2,338,904; Jan. 11.
Cowles, Edwin, Cayuga, N. Y., assignor to The Cowles Company, Princeton, N. J. Removing trash from paper pulping machines. 2,340,511; Feb. 1.
Cowles, Edwin, Cayuga, N. Y., assignor to The Cowles Company, Princeton, N. J. Method and apparatus for treating paper stock. 2,351,492; June 13.
Cowles, Edwin, Cayuga, N. Y., assignor to The Cowles Company, Princeton, N. J. Apparatus for refining paper stock. 2,357,316; Sept. 5.
Cowles, Irving, et al., successor co-trustees. (See Cowles, Irving, assignor.)
Cowles, Irving, Detroit, Mich., assignor to I. Cowles and R. W. Lotz, Chicago, Ill., successor co-trustees to Union Bank of Chicago, Ill. Detachable hose coupling. 2,365,747; Dec. 26.
Cowley, William E. (See Dillman, E. J., and Cowley.)
Cowper, Frank M., Sutton, assignor to The Amalgamated Dental Company Limited, London, England. Clamping means. 2,348,961; May 16.
Cox, Arthur, assignor to Taylor, Taylor & Hobson Limited, Leicester, England. Optical objective of the telephoto type. 2,354,503; July 25.
Cox, Charles L., Jr., assignor to Robert Hetherington and Son, Inc., Sharon Hill, Pa. Switch. 2,345,240; Mar. 28.
Cox, Clifford B. (See Schlenz, H. E., and Cox.)
Cox, Davis D., Fairfield, Ala., assignor to Tennessee Coal, Iron & Railroad Company. Hurdle washer. 2,356,653; Aug. 22.
Cox, Edwin, assignor to Virginia-Carolina Chemical Corporation, Richmond, Va. Acidulated grass or leguminous fodder with nontoxic corrosion inhibitor. 2,354,417; July 25.
Cox, Elmer T., Powell Station, Tenn. Cleaning pad. 2,345,730; Apr. 4.
Cox, George D., assignor to Williams and Marcus Company, Philadelphia, Pa. Sheet scoring and severing machine. 2,347,254; Apr. 25.
Cox, Harry P., Jr., assignor to Armstrong Cork Company, Lancaster, Pa. Bottle blowing machine. 2,347,181; Apr. 25.
Cox, Irvin W., West Allis, assignor to Cutler-Hammer, Inc. Milwaukee, Wis. Electrical contact tip and making same. 2,347,172; Apr. 25.
Cox, Irvin W., West Allis, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Pressure molded metallic composition article and support therefor and making the same. 2,361,089; Oct. 24.
Cox, Jacob D., Montebello, Calif. Lawn sprinkler. 2,360,203; Oct. 10.
Cox, James L. (See Biggs, O. H., and Cox.)
Cox, John T., Jr. (See Novotny, C. K., and Cox, Jr.)
Cox, John W., Berkeley, Calif., assignor to Radio Corporation of America. Electron switching device. 2,339,682; Jan. 18.
Cox, John W., Berkeley, Calif., assignor to Radio Corporation of America. Electron switching for speed control circuits. 2,356,221; Aug. 22.
Cox, Joseph H. (See Myers, H. C., and Cox.)
Cox, Joseph H., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Vapor electric device. 2,342,791; Feb. 29.
Cox, Nellie L., administratrix. (See Cox, Percy.)
Cox, Norman L., Claymont, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of cellulosic structures. 2,347,883; May 2.
Cox, Norman L., Claymont, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing cellulosic structures. 2,347,884; May 2.
Cox, Norman L., Claymont, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of cellulosic structures. 2,364,273; Dec. 5.
Cox, Parker G., Detroit, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Self-cleaning filter element. 2,365,525; Dec. 19.
Cox, Percy, deceased, Keston Park, England; N. L. Cox, administratrix. Explosively actuated apparatus for perforating submerged or other articles. 2,355,513; Aug. 8.
Cox, Ralph, Jr., Pittsburgh, Pa. Rotary wing for aircraft. 2,362,804; Nov. 14.
Cox, Richard F. B., assignor to Hercules Powder Company, Wilmington, Del. Producing trimethylolnitromethane. 2,347,312; Apr. 25.
Cox, Richard F. B., assignor to Hercules Powder Company, Wilmington, Del. Producing a resin acid lactone. 2,355,782; Aug. 15.
Cox, Richard F. B., assignor to Hercules Powder Company, Wilmington, Del. Dihydro resin acids and preparing. 2,360,204; Oct. 10.
Cox, Richard F. B., assignor to Hercules Powder Company, Wilmington, Del. Compositions of matter and producing. 2,360,205; Oct. 10.
Cox, Richard F. B., assignor to Hercules Powder Company, Wilmington, Del. Composition of matter and preparation. 2,360,206; Oct. 10.
Cox, Richard F. B., assignor to Hercules Powder Company, Wilmington, Del. Composition of matter and producing. 2,360,207; Oct. 10.
Cox, Richard F. B., assignor to Hercules Powder Company, Wilmington, Del. Composition of matter and preparation. 2,360,309; Oct. 10.
Cox, Richard F. B., assignor to Hercules Powder Company, Wilmington, Del. Treatment of terpene alcohols. 2,361,532; Oct. 31.
Cox, Richard F. B., assignor to Hercules Powder Company, Wilmington, Del. Production of a resinous material. 2,362,888; Nov. 14.
Cox, Robert R., La Junta, Colo. Article of food and making the same. 2,345,463; Mar. 28.
Cox & Stevens Aircraft Corporation. (See Huntley, H. B., and Vanderstel, assignors.)
Cox, Thomas K., Randallstown, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Making retractile cords. 2,339,683; Jan. 18.
Cox, Walter A., Chicago, Ill., assignor to Johnson & Johnson. Method and apparatus for grinding and polishing ligatures. 2,355,907; Aug. 15.

Coxe, Charles D., Bridgeport, Conn., assignor to Remington Arms Company, Inc. Ammunition. 2,341,264; Feb. 8.

Coxe, Charles D., Bridgeport, Conn., assignor to Remington Arms Company, Inc. Apparatus for making metallic shapes. 2,356,222; Aug. 22.

Coxe, Charles D., Bridgeport, Conn., assignor to Remington Arms Company, Inc. Ammunition. 2,359,087; Sept. 26.

Coxe, Joseph A., Los Angeles, Calif., assignor to Bronson Reel Company, Bronson, Mich. Fishing reel spool. 2,344,132; Mar. 14.

Coxe, Joseph A., Los Angeles, Calif., and R. P. McMahon, assignors to Bronson Reel Company, Bronson, Mich. Fishing reel. 2,347,173; Apr. 25.

Coxon, George E., Cicero, assignor to Stewart-Warner Corporation, Chicago, Ill. Electric switch. 2,359,623; Oct. 3.

Coxon, George E., Cicero, and W. H. Farr, assignors to Stewart-Warner Corporation, Chicago, Ill. Electric windshield wiper. 2,364,603; Dec. 12.

Coyle, John F., Mitchell, Nebr. Potato digger. 2,345,241; Mar. 28.

Coyle, William E., Shreveport, La. Fruit juice extractor. 2,345,731; Apr. 4.

Coyliondro, Dominick J., Port Chester, N. Y. Brush wiper attachment for containers. 2,342,454; Feb. 22.

Coyne, Howard L., Rockville Centre, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Switching mechanism. 2,347,735; May 2.

Coyne, William R., assignor to Dough-King, Inc., Minneapolis, Minn. Doughnut machine. 2,362,191; Nov. 7.

Cozad, William K., Mercer, Pa. Rotating machine. 2,361,273; Oct. 24.

Cozzens, Charles O., and E. M. Splaine, assignors to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 2,356,148; Aug. 22.

Cozzoli, Frank J., Plainfield, N. J. Tube testing means. 2,339,460; Jan. 18.

Crabbs, Herbert J., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,345,034; Mar. 28.

Crabbs, Herbert J., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,347,030; Apr. 18.

Crabtree, J. A., & Co. Limited. (See (McLoughlin, H. F., assignor), Hill, Morgan, and Wintle.)

Craddock, Gerald V., New York, N. Y., and E. E. Franz, Cranford, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Coil unit. 2,339,054; Jan. 11.

Craft, Frank. (See Paul, Elihu T., assignor.)

Craft Manufacturing Co. (See Swann, Charles E., assignor.)

Craft, William B. (See Jones, R. C., and Craft.)

Crafts, Curtis S., Oak Park, assignor to The Goss Printing Press Company, Chicago, Ill. Folding and delivery mechanism. 2,353,445; July 11.

Crafts, Curtis S., Oak Park, assignor to The Goss Printing Press Company, Chicago, Ill. Plate clamp for printing cylinders. 2,356,305; Aug. 22.

Crafts, Walter, Niagara Falls, N. Y., assignor to Electro Metallurgical Company. Deep hardening silicon titanium steel. 2,343,956; Mar. 14.

Crafts, Walter, and C. G. Chadwick, Niagara Falls, N. Y., assignors to Electro Metallurgical Company. Deep drawing steels and making the same. 2,357,876; Sept. 12.

Crago, Harry R., Schenectady, N. Y., assignor to General Electric Company. Selective rate control system. 2,339,618; Jan. 18.

Crago, Harry R., Schenectady, N. Y., assignor to General Electric Company. Heating system. 2,366,003; Dec. 26.

Crago, Paul H., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrical relay. 2,353,392; July 11.

Craidon, George, et al. (See Klonaris, John, assignor.)

Craig, Albert P., Morgan Hill, assignor to Food Machinery Corporation, San Jose, Calif. Hose clamp. 2,349,538; May 23.

Craig, Burnie J., Los Angeles County, Calif. Automotive vehicle construction. 2,349,940; May 30.

Craig, Burnie J., Los Angeles County, Calif. Transmission. 2,350,989; June 13.

Craig, Burnie J., Los Angeles County, Calif. Hydraulic mechanism. 2,350,990; June 13.

Craig, David, Silver Lake Village, assignor, by mesne assignments, to The B. F. Goodrich Company, Akron, Ohio. Isomerization of conjugated diolefins. 2,347,667; May 2.

Craig, David, Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Distillation of volatile water-insoluble materials from aqueous polymer dispersions. 2,342,052; Nov. 7.

Craig, Ernest and R., Falconbridge, Ontario, Canada. Removing detachable drill bits from drill rods. 2,343,445; Mar. 7.

Craig, Ernest, Falconbridge Township, Sudbury District, and Robert Craig, North Bay, Ontario, Canada. Vibratory machine. 2,348,332; May 9.

Craig, Francis A., assignor to Economic Machinery Company, Worcester, Mass. Safety device for labeling machines. 2,339,055; Jan. 11.

Craig, Henry W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Mounting for fuel tanks. 2,354,438; July 25.

Craig, Ollison, assignor to Riley Stoker Corporation, Worcester, Mass. Burner. 2,351,928; June 20.

Craig, Palmer M., Cheltenham, assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Loop antenna. 2,339,619; Jan. 18.

Craig, Palmer H., Cleveland Heights, assignor to Invex Corporation, Cleveland, Ohio. Cooling glass walled bodies. 2,357,727; Sept. 5.

Craig, Robert. (See Craig, Ernest and R.)

Craig, Robert, Heswall, and L. S. Harber, said Harber assignor to Baker Perkins Limited, Peterborough, and said Craig assignor to Lever Brothers & Unilever Limited, Port Sunlight, England. Process and apparatus for molding soap. 2,354,000; July 18.

Craig, W. E. (See Hester, W. F., and Craig.)

Craig, Walter F., Jr. (See Asimow, M., Craig, and Gravenstreter.)

Craig, William L., Westport, Conn., assignor to R. T. Vanderbilt Company, Inc. Method of coating. 2,355,953; Aug. 15.

Craig, William L., Westport, Conn., assignor to R. T. Vanderbilt Company, Inc., New York, N. Y. Coating compositions. 2,360,828; Oct. 24.

Craine, Inc. (See Craine, Zur W., assignor.)

Craine, Zur W., assignor to Craine, Inc., Norwich, N. Y. Silo and silo spacer bar. 2,341,763; Feb. 15.

Crake, Wilfred S. E. (See Collins, Donald B.)

Crake, Wilfred S. E., Houston, Tex., assignor to Shell Development Company, San Francisco, Calif. Bottom hole regulator. 2,351,322; June 13.

Crake, Wilfred St. M. E., Houston, Tex., assignor to Shell Development Company, San Francisco, Calif. Oil well liner screen. 2,353,881; July 18.

Crake, Wilfred S. E., Houston, Tex., assignor to Shell Development Company, San Francisco, Calif. Oil well drill bit. 2,365,941; Dec. 26.

Cram Company, The. (See Cram, Hervey G., assignor.)

Cram, Hervey G., assignor to The Cram Company, Inc., Appleton, Wis. Thin stock regulator. 2,353,149; July 11.

Cramer, Bruce, Tolland, Conn. Illuminating apparatus. 2,345,382; Mar. 28.

Cramer, Harold W. (See Cramer, R. A., R. A., Jr., and H. W.)

Cramer, Leonard F. (See Knoop, W. A., Jr., and Cramer.)

Cramer, Roy A., Kansas City, Mo. Posture chair. 2,356,507; Aug. 22.

Cramer, Roy A., R. A., Jr., and H. W., Kansas City, Mo. Posture chair. 2,342,921; Feb. 29.

Cramer, Roy A., Jr. (See Cramer, R. A., R. A., Jr., and H. W.)

Crampton, Donald K., Marion, and H. L. Burghoff, assignors to Chase Brass & Copper Co. Incorporated, Waterbury, Conn. Copper-base alloy. 2,338,756; Jan. 11.

Crampton Manufacturing Company. (See Pleasant, H. E., and Keller, assignors.)

Crampton, Paul G., Arlington, N. J. Coin holder for making change. 2,354,001; July 18.

Cranwinckel, Arnaud, and F. L. van Weenen, Eindhoven, Netherlands; vested in the Alien Property Custodian. Film apparatus. 2,349,941; May 30.

Cramwinckel, Arnaul, and C. J. Dippel, Eindhoven, Netherlands; vested in the Alien Property Custodian. Device for mechanical recording. 2,353,547; July 11.

Crandall Dry Dock Engineers Inc. (See Crandall, James S., assignor.)

Crandall, James S., Lexington, assignor to Crandall Dry Dock Engineers Inc., Cambridge, Mass. Boat storage system and apparatus. 2,347,596; Apr. 25.

Crandell, Dean D., assignor to National Gypsum Company, Buffalo, N. Y. Manufacture of set stabilized plaster. 2,355,058; Aug. 8.

Crandell, Ervin L., Wellesley, assignor to Compo Shoe Machinery Corporation, Boston, Mass. Method and apparatus for the cementing of articles. 2,342,846; Feb. 29.

Crandell, Ervin L., Wellesley, assignor to Compo Shoe Machinery Corporation, Boston, Mass. Manufacture of footwear and parts therefor. 2,360,763; Oct. 17.

Crane, Amos W. (See Fletcher, C. L., and Crane.)

Crane, Carl J., Phoenix, Ariz. Stall, skid, and slip warning device for aircraft. 2,343,281; Mar. 7.

Crane, Carl J., Salina, Kans. Navigation instruction device. 2,358,793; Sept. 26.

Crane, Carl J., Fairfield, and R. K. Stout, Dayton, Ohio. Navigational control means. 2,356,628; Aug. 29.

Crane, Carl J., and R. K. Stout, Dayton, Ohio. Navigational control means. 2,363,401; Nov. 21.

Crane, Carlton L. (See Hiatt, G. D., and Crane.)

Crane, Carlton L. (See Main, C. J., and Crane.)

Crane Co. (See Bryant, Corwin W., assignor.)

Crane Co. (See Carlson, Otto M., assignor.)

Crane Co. (See Carlson, Ralph G., assignor.)

Crane Co. (See Fawkes, Donald G., assignor.)

Crane Co. (See Fennema, R., De Craene, Dopp, and Venton, assignors.)

Crane Co. (See Jadach, Andrew, assignor.)

Crane Co. (See Kacena, J. J., and Kelly, assignors.)

Crane Co. (See Newman, T. P., and Ashby, assignors.)

Crane Co. (See Newton, Norman B., assignor.)

Crane Co. (See Oravec, Emil G., assignor.)

Crane Co. (See Stone, Carl R., assignor.)

Crane Co. (See Vandenberg, P. W., and Kacena, assignors.)

Crane Co. (See Venton, F. R., and Gleeson, assignors.)

Crane Co. (See Ziegler, N. A., and Northrup, assignors.)

Crane, Edward V., Brooklyn, N. Y., and F. Auer, Palisades Park, N. J., assignors to E. W. Bliss Company, Brooklyn, N. Y. Sheet handling mechanism. 2,342,573; Feb. 22.

Crane, Harry, Philadelphia, Pa. Article dispensing container. 2,354,741; Aug. 1.

Crane Packing Company. (See Matter, Albert J., assignor.)

Crane Packing Company. (See Snyder, Russel D., assignor.)

Crane, Paul W., Upper Montclair, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Trenting plastic sheeting. 2,360,650; Oct. 17.

Crane, Paul W., Montclair, and R. T. Fields, Arlington, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Apparatus for cutting tapered filaments. 2,343,887; Mar. 14.

Crane, Roland G., Woodbridge, and M. F. Perkins, Barber, N. J., assignors to American Smelting and Refining Company, New York, N. Y. Metal vapor condensation. 2,348,194; May 9.

Crane, Walton B., assignor to Alpak, Los Angeles, Calif. Container. 2,347,183; Apr. 25.

Crane, Walton B., Los Angeles, Calif.; said Crane assignor to Morris Paper Mills, Chicago, Ill. Bottle holder. 2,362,990; Nov. 21.

Cranmer, Richard S., Philadelphia, and C. A. Pittman, Jr., Sellersville, assignors to Philco Radio and Television Corporation, Philadelphia, Pa. Automatic phonograph. 2,339,981; Jan. 25.

Crary, Selden B., Schenectady, N. Y., assignor to General Electric Company. Electric circuit. 2,360,110; Oct. 10.

Crary, Selden B., Schenectady, N. Y., assignor to General Electric Company. Synchronism control system. 2,363,833; Nov. 28.

Crass, Merton J., Sturgeon Bay, Wis. Portable cable tape winding machine. 2,361,014; Oct. 24.

Crater, Willard de C., Newark, assignor to Hercules Powder Company, Wilmington, Del. Blasting explosive. 2,340,304; Feb. 1.

Crater, Willard D., Newark, assignor to Hercules Powder Company, Wilmington, Del. Manufacture of dinitrotoluene. 2,362,743; Nov. 14.

Crater, Willard D., Newark, assignor to Hercules Powder Company, Wilmington, Del. Nitration apparatus. 2,363,834; Nov. 28.

Cravath, Albert B., National City, assignor to Solar Aircraft Company, San Diego, Calif. Depth gauge. 2,359,511; Oct. 3.

Cravath, Austin M., San Francisco, Calif., assignor to The Union Switch and Signal Company, Swissvale, Pa. Apparatus for generating coded alternating current. 2,348,525; May 9.

Cravath, Austin M., San Francisco, and G. L. Hassler, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Radiological exploration system. 2,361,274; Oct. 24.

Craven, Howard F. (See Hill, James H., assignor.)

Craver, John K., Affton, assignor to Monsanto Chemical Company, St. Louis, Mo. Polyvinyl acetal resin composition. 2,339,056; Jan. 11.

Cravits, Phillip, Jr. (See MacLean, D., Eldridge, and Cravits.)

Crawford, Archie B., Independence, Mo., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Hopper feed device. 2,341,265; Feb. 8.

Crawford, Charles A., et al. (See Brickley, James L., assignor.)

Crawford, Chester C., Berkeley, and T. W. Evans, Oakland, assignors to Shell Development Company, San Francisco, Calif. Production of hypohalous acid solutions. 2,347,151; Apr. 18.

Crawford Door Company. (See Hufferd, G. H., and Graham, assignors.)

Crawford, James B., Moline, Ill., assignor of one-half to L. O. Morford, Fort Dodge, Iowa. Fruit husking machine. 2,362,356; Nov. 7.

Crawford, John, Detroit, and G. M. Wiegand, assignors to Ford Motor Company, Dearborn, Mich. Vibration damper. 2,346,732; Apr. 18.

Crawford, John F., assignor to J. I. Case Company, Racine, Wis. Casting machine. 2,340,262; Jan. 25.

Crawford, Loyal F., assignor to Goodman Manufacturing Company, Chicago, Ill. Shaker conveyer. 2,344,602; Mar. 21.

Crawford, Millard F., Jackson, La. Section lined pump shell for dredging. 2,365,058; Dec. 12.

Crawford, Robert B. P., Miami, Fla., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Air conditioning system. 2,359,624; Oct. 3.

Crawford, Sherman B., Ponca City, Okla. Dehydrating apparatus. 2,364,274; Dec. 5.

Crawford, Thomas D., R. L. Woodall, and A. G. Osterberg, Hammond, Ind. Steam engine valve mechanism. 2,344,602; Mar. 21.

Crawford, William, Glasgow, Scotland. Structural unit. 2,365,175; Dec. 19.

Creager, Chester F., York, Pa. Table. 2,364,604; Dec. 12.

Creagmile, John L., Oakland, Calif. Wheel alignment gauge. 2,346,360; Apr. 11.

Cream City Trimming Co. (See Pike, John E., assignor.)

Cream Cone Machine Company, The. (See Taylor, Carl R., assignor.)

Creamer, Norman G., Huntington, W. Va., assignor of forty-nine per cent to A. L. Perry, R. W. Sayre, and C. R. Schurman. Bottle crate filling machine. 2,358,447; Sept. 19.

Creange, Arthur L., assignor to American Photocopy Equipment Co., Chicago, Ill. Photoprinting device. Re. 22,575; Dec. 12.

Crecca, John D., U. S. Navy. Arc welding. 2,348,728; May 16.

Crecelius, Samuel B. (See Rheineck, A. E., and Crecelius.)

Credo, Julius. (See Lissauer, A. W., and Credo.)

Creed and Company Limited. (See Mason, Frederick P., assignor.)

Creed and Company Limited. (See Salmon, Reginald D., assignor.)

Creed and Company Limited. (See Salmon, R. D., and Kirchel, assignors.)

Creed, Hickman N., Lafayette, La. Holder for bottles. 2,340,645; Feb. 1.

Creelman, George D., Mountain Lakes, assignor to The M. W. Kellogg Co., Jersey City, N. J. Catalytically processing hydrocarbon oils. 2,338,573; Jan. 4.

Creighton, James A., Hamburg, N. Y., assignor to Bethlehem Steel Company. Combination burner. 2,344,203; Mar. 14.

Cremer, George D., Pelham Manor, assignor to Hardy Metallurgical Company, New York, N. Y. Powder metallurgy. 2,342,037; Feb. 15.

Cremer, George D., Pelham Manor, assignor to Hardy Metallurgical Company, New York, N. Y. Powder metallurgy. 2,355,954; Aug. 15.

Crepe de Chine, Inc. (See Hathorne, B. L., and Seem, assignors.)

Crepeau, Ernest A., Haverhill, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Method of and apparatus for cement-attaching soles to shoes. 2,342,725; Feb. 29.

Creveling, John L., Tucson, Ariz. Pumping means. 2,344,287; Mar. 14.

Crever, Frederick E., Scotia, N. Y., assignor to General Electric Company. Electric ship propulsion system. 2,357,086; Aug. 29.

Crever, Frederick E., Scotia, and J. L. Stratton, Schenectady, N. Y., assignors to General Electric Company. Regulating circuit. 2,363,857; Nov. 28.

Crew, Charles W. (See Frisch, W. R., and Crew.)

Crew, Morris W., assignor to The Hotstream Heater Company, Cleveland, Ohio. Draft regulator. 2,346,559; Apr. 11.

Crew, Morris W., Shaker Heights, assignor to The Hotstream Heater Company, Cleveland, Ohio. Electric control gauge. 2,357,877; Sept. 12.

Crew, Morris W., assignor to The Hotstream Heater Company, Cleveland, Ohio. Pressure control device. 2,357,878; Sept. 12.

Crewson, George G., Buffalo, N. Y. Controlling device for drying apparatus. 2,347,936; May 2.

Cribben and Sexton Company. (See Cook, James M., assignor.)

Crichton, Francis D., Washington, D. C. Picture frame. 2,354,183; July 25.

Crickmer, Charles S., Dallas, Tex. Wire line guide. 2,347,885; May 2.

Crickmer, Charles S., Dallas, Tex. Well swab. 2,358,908; Sept. 26.

Criddle, Edward S., Franklin, Tenn. Internal-combustion engine. 2,356,033; Aug. 15.

Crider, Stephen M., Criders, Va. Brooder. 2,363,483; Nov. 28.

Crider, Stephen M., Criders, Va. Brooder. 2,363,484; Nov. 28.

Crighton, William T., assignor to Producers Creamery Company, Springfield, Mo. Producing butterfat. 2,358,214; Sept. 12.

Criley, William W., Shaker Heights, Ohio. Clutch control. 2,342,645; Feb. 29.

Criley, William W., Shaker Heights, Ohio. Control mechanism. 2,357,779; Sept. 5.

Criley, William W., Shaker Heights, assignor to The Ajax Manufacturing Company, Cleveland, Ohio. Forging machine. 2,343,403; Mar. 7.

Criley, William W., Shaker Heights, assignor to The Ajax Manufacturing Company, Cleveland, Ohio. Forging shovel sockets and the like. 2,344,803; Mar. 21.

Crim, Otis P., Anderson, Ind. Feeding trough for livestock. 2,342,180; Feb. 22.

Cripps, Ray H., South Gate, assignor to Sawyer Electrical Mfg. Company, Los Angeles, Calif. Torque tester. 2,348,175; May 2.

Crismon, Leo T., Louisville, Ky. Book lettering table. 2,347,886; May 2.

Crispell, Loren N., Kingston, Pa. Shock strut. 2,357,505; Sept. 5.

Crist, Philip W., Roselle Park, and S. G. Johansson, Cranford, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Soldering apparatus. 2,347,397; Apr. 25.

Criswell, Carmer, assignor to General Motors Corporation, Detroit, Mich. Crankshaft. 2,365,394; Dec. 19.
Critchfield, Robert M., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Flywheel. 2,341,595; Feb. 15.
Critchfield, Robert M., P. L. Schneider, and B. H. Short, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Horn control system. 2,350,390; June 6.
Crites, Leo C., Wooster, Ohio. Pressure cooker. 2,357,634; Sept. 5.
Crites, Wilbur J., Bartlesville, Okla., assignor to Phillips Petroleum Company. Apparatus for producing wells. 2,347,768; May 2.
Crites, Wilbur J., Bartlesville, Okla., assignor to Phillips Petroleum Company. Secondary recovery apparatus. 2,347,769; May 2.
Crites, Wilbur J., Bartlesville, Okla., assignor to Phillips Petroleum Company. Drivehead. 2,347,812; May 2.
Crites, Wilbur J., Bartlesville, Okla., assignor to Phillips Petroleum Company. Hydraulic coupling. 2,358,058; Sept. 12.
Crites, Wilbur J., Bartlesville, Okla., assignor to Phillips Petroleum Company. Well equipment. 2,362,249; Nov. 7.
Critser, Lee, Denver, and H. G. Mencimer, Fort Lupton, assignors to Automatic Air Gauge, Inc., Keenesburg, Colo. Tire pressure indicator. 2,347,541; Apr. 25.
Crittenden, Philip L., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake control valve. 2,339,390; Jan. 18.
Crittenden, Philip L., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Compressor valve. 2,366,004; Dec. 26.
Crocker, Ernest O., Washington, D. C., and W. E. Breuner, Oakland, Calif. Safety ski binding. 2,364,620; Dec. 12.
Crocker, Glyn H., Cortland, assignor to J. C. Penney Company, New York, N. Y. Undergarment. 2,363,648; Nov. 28.
Crocker, John C., Ware Shoals, S. C. Check strap. 2,350,495; June 6.
Crocker, Thomas F., Chicago, Ill., assignor to Automatic Electric Laboratories, Inc. Telephone system. 2,359,625; Oct. 3.
Crocker, Thomas F., Chicago, Ill., assignor to Automatic Electric Laboratories, Inc. Telephone system. 2,359,626; Oct. 3.
Crocker, William D. (See Gibson, R. H., and Crocker.)
Crockett, Frank L., Tenants Harbor, Maine, assignor to Whitin Machine Works, Whitinsville, Mass. Cotton comber. 2,353,812; July 18.
Crockett, Frank L., Tenants Harbor, Maine, assignor to Whitin Machine Works, Whitinsville, Mass. Comber calender roll. 2,356,034; Aug. 15.
Croco, Carlton W. (See Murphy, A. R., Roesander, Croco, and Tinker.)
Croft, Cyril M., and W. H. Hindle, Cumberland, Md., assignors to Celanese Corporation of America. Dyeing cellulose derivatives. 2,344,973; Mar. 28.
Croft, Cyril M., and W. H. Hindle, Cumberland, Md., assignors to Celanese Corporation of America. Dyeing cellulose derivatives. 2,344,974; Mar. 28.
Croft, Cyril M., and A. W. Bergeron, Cumberland, and F. G. Dodge, La Vale, Md., assignors to Celanese Corporation of America. Winding apparatus. 2,353,653; July 18.
Croft, George M., assignor to Blaw-Knox Company, Pittsburgh, Pa. Treating metal strip. 2,359,088; Sept. 26.
Crofut, William E., Jr., Beachwood Village, Ohio. Foot protector. 2,339,057; Jan. 11.
Croggon, Owen F., Hyattsville, Md. Gravity-actuated figure toy. 2,365,522; Dec. 19.
Crom, John M., Jackson Heights, N. Y. Reinforced concrete construction. 2,342,181; Feb. 22.
Crom, John M., Washington, D. C. Method of and apparatus for banding tanks. 2,364,696; Dec. 12.
Crommey, George, New York, N. Y. Cigarette package. 2,342,846; Feb. 29.
Crompton, George, Jr., Worcester, Mass. Take-up for looms. 2,343,125; Feb. 29.
Crompton, George, Jr., assignor to Norton Company, Worcester, Mass. Peripheral diamond abrasive wheel and making same. 2,343,957; Mar. 14.
Crompton, George, Jr., assignor to Norton Company, Worcester, Mass. Honing machine. 2,356,223; Aug. 22.
Crompton & Knowles Loom Works. (See Bergstrom, Carl P., assignor.)
Crompton & Knowles Loom Works. (See Bergstrom, C. P., and Payne, assignors.)
Crompton & Knowles Loom Works. (See Brouwer, Benjamin W., assignor.)
Crompton & Knowles Loom Works. (See Chevrette, Augustin J., assignor.)
Crompton & Knowles Loom Works. (See Darwin, Clifford, assignor.)
Crompton & Knowles Loom Works. (See Fletcher, N., and Robb, assignors.)
Crompton & Knowles Loom Works. (See Guerin, Ernest P., assignor.)
Crompton & Knowles Loom Works. (See Holmes, Elbridge E., assignor.)
Crompton & Knowles Loom Works. (See Hutchins, Allan B., assignor.)
Crompton & Knowles Loom Works. (See Jennings, Victor H., assignor.)
Crompton & Knowles Loom Works. (See Jennings, V. H., and Wakefield, assignors.)
Crompton & Knowles Loom Works. (See Ladden, John J., assignor.)
Crompton & Knowles Loom Works. (See Patterson, Walter A., assignor.)
Crompton & Knowles Loom Works. (See Payne, Oscar V., assignor.)
Crompton & Knowles Loom Works. (See Robb, Walter Y., assignor.)
Crompton & Knowles Loom Works. (See Santon, Elliot A., assignor.)
Crompton & Knowles Loom Works. (See Turner, Richard G., assignor.)
Crompton & Knowles Loom Works. (See Wakefield, Walter H., assignor.)
Crompton & Knowles Loom Works. (See Whitin, Herbert A., assignor.)
Cromwell, Richard A., North Charlestown, N. H. Ski cutting machine. 2,361,820; Oct. 31.
Cronin, David I. (See Oswald, G. J., and Cronin.)
Cronin, John J., et al. (See Waldron, Louis, assignor.)
Croninger, George J., assignor to Miller Pottery Engineering Company, Swissvale, Pa. Method and apparatus for feeding plastic clay to molds in the manufacture of pottery ware. 2,356,829; Aug. 29.
Crook Paper Box Company. (See Marshall, Richard C., Jr., assignor.)
Crook, Welton J., U. S. Army, Davenport, Iowa. Heat treatment of steel. 2,343,888; Mar. 14.
Crooke, Raymond E., Great Neck, assignor to Ford Instrument Company, Inc., Long Island City, N. Y. Fire control system. 2,339,461; Jan. 18.
Crooks, Harry M., Jr. (See Marker, R. E., and Crooks.)
Crooks, Harry M., Jr. (See Marker, R. E., Crooks, and Wittle.)
Crooks, Ralph K., Clearfield, assignor to The Union Switch and Signal Company, Swissvale, Pa. Receiving apparatus for train control systems. 2,352,687; July 4.
Crosby, Edward A., Minneapolis, Minn. Number or letter assembly device. 2,342,847; Feb. 29.
Crosby, Fred B., assignor to Morgan Construction Company, Worcester, Mass. Metal rolling. 2,340,646; Feb. 1.
Crosby, George A., Park Ridge, assignor to Signode Steel Strapping Company, Chicago, Ill. Binder strap seal. 2,344,804; Mar. 21.
Crosby, Howard M., Schenectady, N. Y., assignor to General Electric Company. Modulating system. 3,255,422; Aug. 8.
Crosby, Howard M., Schenectady, N. Y., assignor to General Electric Company. Frequency conversion. 2,363,835; Nov. 28.
Crosby, Melvin A. (See Bench, D. E., and Crosby.)
Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Signaling. 2,339,620; Jan. 18.
Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Frequency divider network. 2,344,678; Mar. 21.
Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Beam phase detector. 2,344,679; Mar. 21.
Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Frequency modulator. 2,345,101; Mar. 28.
Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Modulation system. 2,347,398; Apr. 25.
Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Diversity receiving system. 2,349,407; May 23.
Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Reactance tube modulation. 2,349,811; May 30.
Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Heterodyne elimination circuit. 2,351,191; June 13.
Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Frequency modulation receiver. 2,351,192; June 13.
Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Frequency modulation detector circuit. 2,351,193; June 13.
Crosby, Murray G., Riverside, N. Y., assignor to Radio Corporation of America. Phase modulation. 2,354,799; Aug. 1.
Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Frequency modulation tone keyer. 2,356,224; Aug. 22.
Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Phase modulation and amplitude modulation receiving system. 2,357,932; Sept. 12.
Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Phase modulated carrier receiver. 2,360,764; Oct. 17.
Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Frequency modulation divider. 2,361,606; Oct. 31.

Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Frequency modulation receiver. 2,363,649; Nov. 28.
Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Frequency modulation detector circuit. 2,363,650; Nov. 28.
Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Superregenerative receiver system. 2,363,651; Nov. 28.
Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Frequency modulation discriminator circuit. 2,363,652; Nov. 28.
Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Diversity receiving system. 2,364,952; Dec. 12.
Crosby Steam Gage & Valve Company. (See Klafstad, Erling, assignor.)
Crosby, Stephen A., Chicago, Ill. Tacker and stabilizer therefor. 2,341,530; Feb. 15.
Crosby, Stephen A., Jackson Heights, assignor to Speed Products Company, New York, N. Y. Stapling machine. 2,358,317; Sept. 19.
Crose, Marquis J. (See Cummings, J. D., and Crose.)
Croskey, Carl D. (See Rowland, D. H., and Croskey.)
Crosley Corporation, The. (See Lane, G. M., and Mackey, assignors.)
Crosley Corporation, The. (See Tyzzer, Howard J., assignor.)
Crosman, Loring P., South Orange, assignor to Monroe Calculating Machine Company, Orange, N. J. Transmission mechanism. 2,339,154; Jan. 11.
Crosman, Loring P., South Orange, assignor to Monroe Calculating Machine Company, Orange, N. J. Adding and listing machine. 2,339,321; Jan. 18.
Crosman, Loring P., South Orange, assignor to Monroe Calculating Machine Company, Orange, N. J. Listing machine. 2,348,789; May 16.
Crosman, Loring P., South Orange, assignor to Monroe Calculating Machine Company, Orange, N. J. Combined hinge and latch. 2,349,486; May 23.
Cross, Alvin C., Lamar, Nebr. Cultivator. 2,361,605; Oct. 31.
Cross, Bert S. (See Netherly, G. P., Cross, and Anderson.)
Cross, Carroll N., Middleboro, Mass. Making mounts. 2,355,706; Aug. 15.
Cross, George L., and W. F. Miller, Albany, N. Y., assignors, by mesne assignments, to Tobin Packing Co., Inc., Fort Dodge, Iowa. Container filling mechanism. 2,358,001; Sept. 12.
Cross, Kenneth M., Glendale, and J. J. W. Stephens, South Pasadena, Calif. Inspection light. 2,347,174; Apr. 25.
Cross, Roland C., Bath, England. Rotary valve controlled internal-combustion engine. 2,354,305; July 25.
Cross, Roy, W. B. Phillips, and W. M. Cross, Jr., assignors to Kansas City Testing Laboratory, Kansas City, Mo. Water sealing sheet. 2,364,621; Dec. 12.
Cross, Sidney S., San Antonio, Tex. Vehicle signal. 2,347,937; May 2.
Cross, Thomas, Jr. (See Fulton, S. C., and Cross.)
Cross, Walter M., Jr. (See Cross, R., Phillips, and Cross.)
Crosser, David H., Chicago, Ill. Portable platform for lifting trucks. 2,359,406; Oct. 3.
Crossley, Alfred, assignor, by mesne assignments, to Aladdin Radio Industries, Incorporated, Chicago, Ill. Coupling device for adjustable coupling systems. 2,354,365; July 25.
Crossman, Kenneth W., Willow Grove, assignor to The Edwin H. Fitler Co., Philadelphia, Pa. Metering pump. 2,363,119; Nov. 21.
Crossman, Kenneth W., Willow Grove, assignor to The Edwin H. Fitler Co., Philadelphia, Pa. Pump. 2,363,653; Nov. 28.
Crosthwait, David N., Jr., Chicago, Ill., and E. W. Werts, Michigan City, Ind., assignors to C. A. Dunham Company, Marshalltown, Iowa. Window thermostat. 2,346,560; Apr. 11.
Crosthwait, David N., Chicago, Ill., and E. W. Werts, Michigan City, Ind., assignors to C. A. Dunham Company, Marshalltown, Iowa. Resistance type temperature controlling and indicating system. 2,362,977; Nov. 21.
Crothers, Paul F., assignor to Trier Bros., Limited, London, England. Piston. 2,343,751; Mar. 7.
Crotty, James A., New York, N. Y., assignor to W. Sherman, South Norwalk, Conn. Hiking boot. 2,356,490; Aug. 22.
Crouet, Marcel F., Beauchamp, France; vested in the Alien Property Custodian. Compressed foliated wood. 2,350,729; June 6.
Croup, Alfred H. (See Samson, E. W., and Croup.)
Crouse-Hinds Company. (See Bissell, Carl H., assignor.)
Crouse-Hinds Company. (See Lester, Ray F., assignor.)
Crow, J. M., et al. (See Lucius, George P., assignor.)
Crow, John T. (See Johnson, Herbert H., assignor.)
Crow, Luther H. (See Ekbom, H. N., and Crow.)
Crow, William H., Stockton, Calif. Air feed for pressure pumping systems. 2,360,401; Oct. 17.
Crowe, Francis T., Shasta Dam, Calif. Concrete bucket. 2,350,015; May 30.
Crowe, John J., Westfield, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Cutting tip with diverging outlet. 2,343,958; Mar. 14.
Crowe, John J., Westfield, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Torch. 2,365,942; Dec. 26.
Crowe, John M., Covington, Ky. Burner structure. 2,338,623; Jan. 4.
Crowe, Morton B., Tulsa, and H. Hatter, Okmulgee, Okla., assignors of thirty per cent to H. Baker and twenty per cent to E. Fingerlin. Motion converting mechanism. 2,361,821; Oct. 31.
Crowe, Robert K., and H. C. Mansell, assignors to The Bristol Aeroplane Company Limited, Bristol, England. Cylinder head of internal-combustion engines. 2,366,005; Dec. 26.
Crowe, Thomas B. (See Mills, L. D., Crowe, and Byler.)
Crowell-Collier Publishing Company, The. (See Lundbye, Axel E., assignor.)
Crowell, Henry B., Hoquiam, Wash. Self-feeding stove. 2,345,329; Mar. 28.
Crowell, Joyce H., Orchard Park, N. Y., assignor to Allied Chemical & Dye Corporation. Purification of maleic anhydride. 2,343,536; Mar. 7.
Crowley, Clyde A., Chicago, and J. B. Mullen, Elgin, assignors to The Huey Co., Chicago, Ill. Sensitizer containing a gel-forming colloidal clay. Re. 22,579; Dec. 19.
Crowley, Clyde A., Chicago, and G. H. Goodyear, Wilmette, assignors to The Huey Co., Chicago, Ill. Blueprint sensitizer. 2,350,991; June 13.
Crowley, Edward C., Rhinebeck, N. Y. Method and machine for making tubes. 2,339,219; Jan. 11.
Crowley, Edward C., Rhinebeck, N. Y. Building construction. 2,339,220; Jan. 11.
Crowley, Edward C., Rhinebeck, N. Y. Tubular body. 2,344,538; Mar. 21.
Crowley, John A., Jr. (See Simpson, T. P., Payne, and Crowley.)
Crowley, John A., Jr., Woodbury, N. J., and E. L. Sinclair, Philadelphia, Pa., assignors to Socony-Vacuum Oil Company, Incorporated. Bin level indicator. 2,352,080; June 20.
Crowley, John C., Cleveland Heights, assignor to The Dill Manufacturing Company, Cleveland, Ohio. Tractor valve. 2,339,381; Jan. 18.
Crowley, John C., Cleveland Heights, assignor to The Dill Manufacturing Company, Cleveland, Ohio. Fastening device. 2,341,598; Feb. 15.
Crowley, John C., Cleveland Heights, assignor to The Dill Manufacturing Company, Cleveland, Ohio. Valve for inflatable boats. 2,342,726; Feb. 29.
Crowley, John C., Cleveland Heights, assignor to The Dill Manufacturing Company, Cleveland, Ohio. Torch. 2,348,110; May 2.
Crowley, John C., Cleveland Heights, assignor to The Dill Manufacturing Company, Cleveland, Ohio. Torch. 2,348,111; May 2.
Crowley, John C., Cleveland Heights, assignor to The Dill Manufacturing Company, Cleveland, Ohio. Torch tip. 2,355,849; Aug. 15.
Crowley, Theodore D., Newark, and B. C. Potter, Union, N. J., deceased; E. Potter, administratrix. Butter cutting device. 2,340,078; May 16.
Crowley, Thomas C., Altadena, assignor to Turco Products, Inc., Los Angeles, Calif. Cleaning apparatus. 2,365,250; Dec. 19.
Crown Can Company. (See Calleson, Amos and E. A., assignors.)
Crown Can Company. (See Woerz, John A., assignor.)
Crown Cork & Seal Company. (See Ayers, Samuel H., assignor.)
Crown Cork & Seal Company. (See Calleson, Amos and E. A., assignors.)
Crown Cork & Seal Company. (See Carvalho, Leslie R. N., assignor.)
Crown Cork & Seal Company. (See Cooper, W. B., and Seabold, assignors.)
Crown Cork & Seal Company. (See Costa, E. J., and Ryan, assignors.)
Crown Cork & Seal Company. (See Elder, John D., assignor.)
Crown Cork & Seal Company. (See Gartland, Bernard J., assignor.)
Crown Cork & Seal Company. (See Gladfelter, W. I., and Duhan, assignors.)
Crown Cork & Seal Company. (See Gladfelter, W. I., and Ehrlich, assignors.)
Crown Cork & Seal Company. (See Gladfelter, W. I., and Moore, assignors.)
Crown Cork & Seal Company. (See Goebel, G., and Rau, assignors.)
Crown Cork & Seal Company. (See Goebel, G., and Wilckens, assignors.)
Crown Cork & Seal Company. (See McManus, C. E., and Cooke, assignors.)
Crown Cork & Seal Company. (See McManus, C. E., Jr., and Cooke, assignors.)
Crown Cork & Seal Company. (See McManus, Charles E., C. E., Jr., and Gladfelter, assignors.)
Crown Cork & Seal Company. (See Stewart, Robert J., assignor.)
Crown Cork & Seal Company. (See Stewart, R. J., and Franz, assignors.)
Crown Cork & Seal Company. (See Stewart, R. J., and Pahl, assignors.)

Crown Cork & Seal Company. (See Stewart, R. J., and Rever, assignors.)
Crown Cork & Seal Company. (See Wilckens, Elbe A., assignor.)
Crown Cork Specialty Corporation. (See Hobbs, Charles, assignor.)
Crown Cork Specialty Corporation. (See Rau, Harry A., assignor.)
Crown Fastener Corporation. (See Plumley, Richard G., assignor.)
Crown Fastener Corporation. (See Plumley, R. G., and Lohse, assignors.)
Crown Manufacturing Co. (See May, Robert M., assignor.)
Crown Zellerbach Corporation. (See Bukowsky, Harry E., assignor.)
Crown Zellerbach Corporation. (See Lewthwaite, Norman A., assignor.)
Crown Zellerbach Corporation. (See Shively, James L., assignor.)
Crowther, David, Minneapolis, Minn. Holder for use in repointing twist drills. 2,365,395; Dec. 19.
Crowther, George A., Manhasset, assignor to Ford Instrument Company, Inc., Long Island City, N. Y. Fire control computer. 2,356,830; Aug. 29.
Croy, Dalton C., Oak Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Material handling apparatus. 2,346,293; Apr. 11.
Croyle, Emory, deceased, by E. I. Croyle, administratrix, Altoona, Pa. Rivet holder or dolly bar. 2,347,399; Apr. 25.
Croyle, Eva I., administratrix. (See Croyle, Emory.)
Crucible Steel Company of America. (See Bennewitz, Richard G., assignor.)
Crucible Steel Company, of America. (See Ferm, John F., assignor.)
Crum, Roland R., et al. (See Sperry, D. E., and Landess, assignors.)
Crum, Stephen, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Combination switch. 2,342,390; Feb. 22.
Crumb, Charles F., Clarendon Hills, Ill., assignor to International Harvester Company. Baler. 2,349,847; May 30.
Crumb, Charles F., Chicago, and E. F. Schneider, Evanston, Ill., assignors to International Harvester Company. Corn sheller. 2,344,235; Mar. 14.
Crump, Albert V. (See Ackerman, E. L., and Crump.)
Crumrine, Chester W., Irondequoit Township, Monroe County, N. Y. Animal trap. 2,348,729; May 16.
Crumrine, Chester W., Irondequoit Township, Monroe County, N. Y. Animal trap. 2,360,651; Oct. 17.
Crumrine, Chester W., assignor to Eastman Kodak Company, Rochester, N. Y. Mounting lenses. 2,341,364; Feb. 8.
Crutcher-Rolfs-Cummings Company. (See Cummings, James D., assignor.)
Crutcher-Rolfs-Cummings, et al. (See Cummings, J. D., and Crose, assignors.)
Cruver Manufacturing Company. (See Ibach, Emil, assignor.)
Cryns, Josef, Kansas City, Mo., assignor to J. Burns, Evanston, Ill. Preparing wheat germ for use in baking. 2,357,312; Sept. 5.
Crystal Tube Manufacturing Company. (See Goodman, L., and Brandwein, assignors.)
Csepely, John A., New Haven, assignor to A. F. Holden, Northaford, Conn. Furnace for heat treating metal articles. 2,347,400; Apr. 25.
Cuban-American Manganese Corporation. (See Trotter, Frank, assignor.)
Cubberley, Mitchel H. (See Booth, G. M., and Cubberley.)
Cube Steak Machine Co. (See Spang, Joseph P., assignor.)
Cudini, Roger G., Birmingham, Mich. Burring machine. 2,358,601; Aug. 8.
Cueni, Clement P., Arlington, and E. W., Montclair, assignors to Porete Manufacturing Company, Arlington, N. J. Shear reinforced composite structure. 2,340,176; Jan. 25.
Culbertson, George A., Long Branch, N. J., assignor to The Union Switch and Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,360,208; Oct. 10.
Culbertson, Henry E., McCook, Nebr. Valve mechanism for high-speed steam engines. 2,362,744; Nov. 14.
Cull, Edwin L. (See Hauer, E. R., and Cull.)
Cullen, Harry E. (See Rolstad, M., and Cullen.)
Cullman, Philipp A., Richmond Hill, N. Y. Catadioptric lens. 2,356,854; Aug. 22.
Culp, Lide C., El Dorado, Ark. Valve grinder. 2,360,550; Oct. 17.
Culpepper, William L. (See Landis, C. R., and Culpepper.)
Culver, Merlyn M., assignor to United Aircraft Products, Inc., Dayton, Ohio. Dilution valve. 2,366,006; Dec. 26.
Cumfer, Donald A., Ridgewood, N. J., assignor to Willcox & Gibbs Sewing Machine Company, New York, N. Y. Sewing machine. 2,340,647; Feb. 1.
Cumming, James M. (See Ludwig, L. R., Baker, and Cumming.)
Cumming, James M., Turtle Creek, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker mechanism. 2,361,178; Oct. 24.
Cumming, James M., Turtle Creek, and A. W. Hill, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker mechanism. 2,349,650; May 23.
Cummings, Blanche F., executrix. (See Cummings, George C.)
Cummings, George C., deceased, by B. F. Cummings, Orange, N. J., executrix, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Inverse neutral telegraph repeater hub circuit. 2,347,813; May 2.
Cummings, Harry G., New York, N. Y. Self-clinching nail. 2,355,955; Aug. 15.
Cummings, Howard B., St. Paul Park, Minn. Lawn mower appliance. 2,347,991; May 2.
Cummings, Howard B., and G. R. Carroll, Aliquippa, Pa., assignors to Jones & Laughlin Steel Corporation. Magnetic sheet conveyer. 2,340,797; Feb. 1.
Cummings, James D., assignor to Crutcher-Rolfs-Cummings Company, Houston, Tex. Portable machine for bending large diameter pipe. 2,347,593; Apr. 25.
Cummings, James D., and M. J. Crose, Houston, Tex., assignors to Johns-Manville Corporation, New York, N. Y., and Crutcher-Rolfs-Cummings, Houston, Tex. Pipe protection machine. 2,359,751; Oct. 10.
Cunnings, Robert T., Spokane, Wash. Letter opener. 2,360,652; Oct. 17.
Cummings, Roy W., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Cutting tool. 2,360,937; Oct. 24.
Cummings, William W. Jr., Cambridge, Mass. Air conditioning unit. 2,343,959; Mar. 14.
Cummins, Arthur B. (See Vleweg, H. F., Cummins, and Pond.)
Cummins, Arthur B., Millington, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Treatment of sugar liquors. 2,362,357; Nov. 7.
Cummins, Corliss F., assignor to The Dow Chemical Company, Midland, Mich. Coating composition. 2,349,571; May 23.
Cummins, Walter E., Los Angeles, Calif. Dual pump. 2,347,887; May 2.
Cummins, Walter E., Santa Maria, and W. W. Stapp, Long Beach, Calif. Electrochemical value recovery apparatus. 2,350,992; June 13.
Cunning, Thomas G. (See Burwick, L. W., Cothran, and Cunning.)
Cunningham, Donald F., Milwaukee, Wis., assignor to Pabst Brewing Company, Chicago, Ill. Cardboard carton. 2,365,333; Dec. 19.
Cunningham, Edward N. (See Lessig, E. T., and Cunningham.)
Cunningham, Francis G., Verona, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Taper grinding of artificial filaments. 2,365,396; Dec. 19.
Cunningham, George L., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Producing alkali-metal sulphides, selenides, and tellurides. 2,354,742; Aug. 1.
Cunningham, James E., assignor of one-third to J. V. McCallister, and one-third to J. T. Douglass, Littlefield, Tex. Steering wheel truck for tractors. 2,350,593; June 6.
Cunningham, Lewis L., assignor to General Controls Co., Glendale, Calif. Pressure responsive apparatus for detection or control of ice or for other purposes. 2,338,574; Jan. 4.
Cunningham, Lewis L., Los Angeles, assignor to General Controls Co., Glendale, Calif. Control device. 2,348,454; May 9.
Cunningham, Lewis L., assignor to General Controls Co., Glendale, Calif. Control system. 2,353,692; July 18.
Cunningham, Lewis L., Glendale, Calif., and H. E. Malone, assignors to Perfex Corporation, Milwaukee, Wis. Control system. 2,348,206; May 9.
Cunningham, M. E., Company. (See Hauer, Leon C., assignor.)
Cunningham, Marion M. (See Luxengerger, E. A., Erich, and Cunningham.)
Cunningham, Marion M., South Bend, assignor to Mishawaka Rubber and Woolen Manufacturing Company, Mishawaka, Ind. Molding apparatus and molding. 2,341,499; Feb. 8.
Cunningham, Marion M., South Bend, assignor to Mishawaka Rubber and Woolen Manufacturing Company, Mishawaka, Ind. Molded article and making same. 2,358,962; Sept. 26.
Cunningham, Richard. (See Parke, P., Cunningham, and Lutherman.)
Cunnington, George R., Grosse Point Park, assignor to National Automotive Fibres, Inc., Detroit, Mich. Decorating fabrics. 2,338,490; Jan. 4.
Cunnington, George R., Grosse Pointe Park, assignor to National Automotive Fibres, Inc., Detroit, Mich. Making decorative trim panels. 2,341,978; Feb. 15.
Cunnington. George R., Grosse Pointe Park, assignor to National Automotive Fibres, Inc., Detroit, Mich. Decoration. 2,341,979; Feb. 15.

Cunnington, George R., Grosse Pointe Park, assignor to National Automotive Fibres, Inc., Detroit, Mich. Decorated fabric. 2,356,225; Aug. 22.
Cuno, Charles W., Wilmington, assignor to The Lehon Company, Chicago, Ill. Pulverizing resinous and thermoplastic materials. 2,347,464; Apr. 25.
Cuozzo, Michele, Lynn, Mass. Lasting shoes. 2,344,502; Mar. 21.
Cupery, Martin E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Acid. 2,346,665; Apr. 18.
Cupery, Martin E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Air filter. 2,347,031; Apr. 18.
Cupido, Nicola, Brentwood, Pa. Portable concrete cover. 2,346,361; Apr. 11.
Carby, Bernard C., et al. (See Klonaris, John, assignor.)
Curlie, William T. (See Hartley, Clarence E., assignor.)
Curly Lox Products. (See Plate, Robert T., assignor.)
Curran, Jerome P., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Closure liner. 2,357,581; Sept. 5.
Curran, Stanley T., Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone set. 2,338,757; Jan. 11.
Curran, Thomas B. (See Schilling, A. A., and Curran.)
Currie, Donald, Odebolt, Iowa. Cultivator attachment for tractors. 2,359,206; Sept. 26.
Currie, Dugald, Des Moines, Iowa. Automobile jack. 2,347,888; May 2.
Currie, Gail G., Downey, Calif. Air impeller. 2,359,466; Oct. 3.
Curry, Chester B., Muncie, Ind. Compressor. 2,344,028; Mar. 14.
Curry, Clayton C., assignor to Research and Development Corporation, Wilmington, Del. Producing skimmed milk colloid. 2,341,425; Feb. 8.
Curry, Joseph G., Austin, Tex. Extruder. 2,351,493; June 13.
Curry, Langdon W., Fall River, Mass., assignor to Brown and Sharpe Manufacturing Company. Grinding machine. 2,363,946; Nov. 28.
Curry, Nolan A. (See Blauvelt, W. S., and Curry.)
Curry, Robert S., Jr., Baldwin, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Rotating field excited flux valve. 2,360,851; Oct. 24.
Curthait Company, The. (See Weida, Millard F., assignor.)
Curtin, Leonard S. (See Quinn, E., and Curtin.)
Curtin, Leonard S., Belmont, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Trimming machine. 2,343,960; Mar. 14.
Curtis, Charles G., New York, N. Y. Two-cycle gas engine. 2,347,465; Apr. 25.
Curtis Companies Incorporated. (See Bell, Forrest F., assignor.)
Curtis Companies Incorporated. (See Green, Edward E., assignor.)
Curtis, David, New York, N. Y. Anesthetic compound and preparation. 2,352,691; July 4.
Curtis, Edward W., Jr., Langhorne, Pa., assignor to Underwood Elliott Fisher Company, New York, N. Y. Package for carbon paper. 2,346,628; Apr. 18.
Curtis, Frank W., Springfield, Mass., assignor to Van Norman Company. Elevating mechanism for machine tool knees. 2,338,624; Jan. 4.
Curtis, Frank W., Springfield, Mass., assignor to Van Norman Company. Cutting tool. 2,357,088; Aug. 29.
Curtis, Frank W., Springfield, Mass., assignor to Van Norman Company. Making metal cutting tools. 2,361,995; Nov. 7.
Curtis, Frank W., Springfield, Mass., assignor to Van Norman Company. Hydraulic circuit. 2,365,748; Dec. 26.
Curtis, Franklin E., Willoughby, assignor to Addressograph-Multigraph Corporation, Cleveland, Ohio. Cleaning attachment for ink rolls. 2,341,020; Feb. 8.
Curtis, Franklin E., Willoughby, assignor to Addressograph-Multigraph Corporation, Cleveland, Ohio. Jogging device. 2,341,021; Feb. 8.
Curtis, Franklin E., Willoughby, Ohio, assignor to Addressograph-Multigraph Corporation, Wilmington, Del. Printing machine. 2,350,016; May 30.
Curtis, Franklin E., Wickliffe, assignor to Addressograph-Multigraph Corporation, Cleveland, Ohio. Pack advancer for sheet feeding mechanism. 2,358,560; Sept. 19.
Curtis, Harold E., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Frequency modulated wave transmission. 2,352,254; June 27.
Curtis, John C., Claremont, N. H., assignor to Sullivan Machinery Company. Rock drill. Re. 22,536; Aug. 29.
Curtis, John C., Claremont, N. H., assignor to Sullivan Machinery Company. Rock drill. 2,338,625; Jan. 4.
Curtis, John C., Claremont, N. H., assignor to Sullivan Machinery Company. Drill steel centralizer. 2,350,658; June 6.
Curtis, John C., Claremont, N. H., assignor to Sullivan Machinery Company. Drill steel centralizer. 2,350,660; June 6.
Curtis, John C., Claremont, N. H., assignor to Sullivan Machinery Company. Drilling apparatus. 2,359,971; Oct. 10.
Curtis, John C., Claremont, N. H., assignor to Sullivan Machinery Company. Portable drill rig. 2,365,176; Dec. 19.
Curtis, John C., Claremont, N. H., assignor to Sullivan Machinery Company. Rock drill. 2,365,680; Dec. 26.
Curtis, John C., Claremont, N. H., assignor to Sullivan Machinery Company. Drilling implement guide. 2,365,687; Dec. 26.
Curtis, John C., Claremont, N. H., assignor to Sullivan Machinery Company. Rock drill. 2,365,749; Dec. 26.
Curtis, John C., and E. G. Gartin, Claremont, N. H., assignors to Sullivan Machinery Company. Rock drill. 2,365,682; Dec. 26.
Curtis, John C., and E. G. Gartin, Claremont, N. H., assignors to Sullivan Machinery Company. Rock drill. 2,365,683; Dec. 26.
Curtis, John S., Tulare, Calif. Mowing machine. 2,345,383; Mar. 28.
Curtis, Joseph, Chester, Pa. Coupon punch. 2,340,937; Feb. 8.
Curtis, Lorin W., Verona, assignor to Tung-Sol Lamp Works Inc., Newark, N. J. Incandescent lamp and manufacture. 2,359,302; Oct. 3.
Curtis Manufacturing Company. (See Gygax, Ernest, assignor.)
Curtis Manufacturing Company. (See Morrison, Earl, assignor.)
Curtis & Marble Machine Company. (See Remington, Leland F., assignor.)
Curtis & Marble Machine Company. (See Remington, L. F., and Coolidge, assignors.)
Curtis, Myron S., assignor to Potter & Johnston Machine Company, Pawtucket, R. I. Machine tool. 2,339,839; Jan. 25.
Curtis Pump Company. (See Curtis, Russell R., assignor.)
Curtis Pump Company. (See Curtis, R. R., and Schroeder, assignors.)
Curtis Pump Company. (See Curtis, William H., assignor.)
Curtis Pump Company. (See Dinsmore, T. R., and Taylor, assignors.)
Curtis, Russell R., assignor to Curtis Pump Company, Dayton, Ohio. Pump pressure limiting device. 2,343,752; Mar. 7.
Curtis, Russell R., assignor to Curtis Pump Company, Dayton, Ohio. Fuel pumping system. 2,357,174; Aug. 29.
Curtis, Russell R., assignor to Curtis Pump Company, Dayton, Ohio. Fuel system. 2,364,605; Dec. 12.
Curtis, Russell R., and R. J. Schroeder, assignors to Curtis Pump Company, Dayton, Ohio. Submerged booster pump assembly. 2,361,747; Oct. 31.
Curtis, Thomas E. (See Gussow, W. A., and Curtis.)
Curtis, William H., assignor to Curtis Pump Company, Dayton, Ohio. Offset rotor vane pump. 2,352,941; July 4.
Curtiss, Nathaniel H. (See Aamland, T. J., and Curtiss.)
Curtiss, Nathaniel H., Clifton, and T. J. Aamland, Leonia, N. J., assignors to United States Rubber Company, New York, N. Y. Tube corrugating machine. 2,347,086; Apr. 18.
Curtiss, Robert D., assignor to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner. 2,365,251; Dec. 19.
Curtiss-Wright Corporation. (See Chillson, Charles W., assignor.)
Curtiss-Wright Corporation. (See Dick, Ralph A., assignor.)
Curtiss-Wright Corporation. (See Dickinson, E. G., and Payne, assignors.)
Curtiss-Wright Corporation. (See Flader, F. E., and Berlin, assignors.)
Curtiss-Wright Corporation. (See Focht, Harry P., assignor.)
Curtiss-Wright Corporation. (See Gunner, G. W., and Turansky, assignors.)
Curtiss-Wright Corporation. (See Herzog, Karl, assignor.)
Curtiss-Wright Corporation. (See Linkner, Edward H., assignor.)
Curtiss-Wright Corporation. (See McKinnie, William P., assignor.)
Curtiss-Wright Corporation. (See Palley, I. N., and Erny, assignors.)
Curtiss-Wright Corporation. (See Parkin, J. C., and Eaton, assignors.)
Curtiss-Wright Corporation. (See Ruder, Edward H., assignor.)
Curtiss-Wright Corporation. (See Stulen, F. B., and Stevenson, assignors.)
Curtiss-Wright Corporation. (See Trimbach, Clem G., assignor.)
Curtiss-Wright Corporation. See Valentine, Ralph E., assignor.)
Cusack, Leland H., Fulton, N. Y. Bicycle trailer hitch. 2,339,155; Jan. 11.
Cusette Foundations, Inc. (See Cusick, Anthony G., assignor.)
Cushman & Denison Manufacturing Company. (See Lalonde, Oscar V., assignor.)
Cushman, Lee H., Hamilton, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe and manufacture. 2,340,582; Feb. 1.
Cushman, Robert W. (See Allen, A., and Cushman.)

Cushman's Sons, Inc. (See Manus, John M., assignor.)
Cusick, Anthony G., assignor to Cusette Foundations, Inc., Worcester, Mass. Garter belt. 2,365,456; Dec. 19.
Cushwa, Charles B., Jr., Youngstown, Ohio, and G. G. Greulich, Mount Lebanon, Pa., assignors to Carnegie-Illinois Steel Corporation. Portable deck for airplane runways and the like. 2,359,548; Oct. 3.
Custer, Leslie E., Fredericktown, Mo. Stool. 2,358,059; Sept. 12.
Cutanit Limited. (See Littmann, Martin, assignor.)
Cuthbertson, George R., Detroit, Mich., assignor to United States Rubber Company, New York, N. Y. Chemical blowing agents. 2,360,049; Oct. 10.
Cutler-Hammer, Inc. (See Addicks, Walter E., assignor.)
Cutler-Hammer, Inc. (See Brown, Glendon C., assignor.)
Cutler-Hammer, Inc. (See Cox, Irvin W., assignor.)
Cutler-Hammer, Inc. (See Evans, Clarence T., assignor.)
Cutler-Hammer, Inc. (See Feldhausen, Cyril P., assignor.)
Cutler-Hammer, Inc. (See Hodgson, Howard E., assignor.)
Cutler-Hammer, Inc. (See Hunter, R. B., and Jones assignors.)
Cutler-Hammer, Inc. (See Hunter, R. B., and Mekelburg, assignors.)
Cutler-Hammer, Inc. (See Jones, Jesse E., assignor.)
Cutler-Hammer, Inc. (See Krieger, Alvin W., assignor.)
Cutler-Hammer, Inc. (See Kuhn, Clarence W., assignor.)
Cutler-Hammer, Inc. (See Lightfoot, E. N., and Rosing, assignors.)
Cutler-Hammer, Inc. (See Mekelburg, Harold L., assignor.)
Cutler-Hammer, Inc. (See Newman, John M., assignor.)
Cutler-Hammer, Inc. (See Pinkerton, Clarence S., assignor.)
Cutler-Hammer, Inc. (See Radley, G. R., and Seeger, assignors.)
Cutler-Hammer, Inc. (See Robbins, Clyde F., assignor.)
Cutler-Hammer, Inc. (See Schmidt, Edwin X., assignor.)
Cutler-Hammer, Inc. (See Seeger, Edwin W., assignor.)
Cutler-Hammer, Inc. (See Seeger, E. W., Senn, and Stansbury, assignors.)
Cutler-Hammer, Inc. (See Stansbury, Carroll, assignor.)
Cutler-Hammer, Inc. (See Welch, Jerome B., assignor.)
Cutler, Jessie H. (See Brock, John B., assignor.)
Cutler, John B., Haddon Heights, N. J., assignor to The Baldwin Locomotive Works. Powdered material press and control. 2,338,491; Jan. 4.
Cutler, Wallace M., Gloucester, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Drying hides and skins. 2,354,200; July 25.
Cutter Laboratories. (See Armstrong, E. M., Jr., and Cutter, assignors.)
Cutter Laboratories. (See Butler, William F., assignor.)
Cutter, Robert K. (See Armstrong, E. M., Jr., and Cutter.)
Cuttino, William H. (See Berkey, W. E., and Cuttino.)
Cypser, Hugo F. (See Wheelock, J. H., and Cypser.)
Cyr, Howard M., Palmerton, Pa., assignor to The New Jersey Zinc Company, New York, N. Y. Zinc oxide. 2,348,883; May 16.
Cyr, Rene E., Lewiston, Maine. Lifting utensil. 2,345,183; Mar. 28.
Cyron, Kurt, and E. Wessel, Dessau, Germany; vested in The Alien Property Custodian. Girder for aircraft structure. 2,347,542; Apr. 25.
Czapek, Emil, New York, N. Y. Machine for making cellulose sheets and the like. 2,344,603; Mar. 21.
Czapp, Erich. (See Burkhardt, M., Czapp, and Jedele.)
Czarnecki, Stanley B. (See Wasiewicz, N., and Czarnecki.)
Daab, Hansheinz. (See Wolfert, E., and Daab.)
Daae, Reinhardt, Youngstown, Ohio. Fuel-feeding means for gas producers. 2,357,175; Aug. 29.
Dabbs, Robert, Pittsburgh, Pa. Skid chain applier. 2,361,601; June 20.
Dacar Chemical Products Company, The. (See Stone, N. G., and Holliday, assignors.)
Dach, Max, Flushing, N. Y. Safety fuel line. 2,350,302; May 30.
Dachlauer, Karl. (See Scherer, O., Dostal, and Dachlauer.)
Da Costa, Harry, Ilford, assignor to The Plessey Company Limited, Ilford, Essex, England. Cartridge feed and firing mechanism. 2,356,304; Aug. 22.
Da Costa, James S., Merchantville, N. J., assignor to Palmer-Bee Company, Detroit, Mich. Selective and automatic loading and unloading device. 2,348,112; May 2.
Dadant, Henry C., and R. A. Grout, Hamilton, Ill. Bee comb foundation. 2,338,411; Jan. 4.
Daehn, William A., assignor to H. H. Eby, Inc., Philadelphia, Pa. Plug-in socket device. 2,352,618; July 4.
Daggett, Bryon G., San Diego, Calif. Power saw setting apparatus. 2,356,448; Aug. 22.
Daggett, Harry H. (See Gilianders, A. C., and Daggett.)
Dahl, Joseph, Schwerin, Germany; vested in the Alien Property Custodian. Optical focusing system. 2,350,151; May 30.
Dahl, Raymond E., United States Navy. Tail wheel lifting adaptor for fork type tail wheels. 2,362,991; Nov. 21.
Dahl-Rode, Svein, New York, N. Y. Water softening material and the manufacture thereof. 2,346,909; Apr. 18.
Dahlander, Noël L., New York, N. Y., assignor of two-fifths to R. J. Earl, New Canaan, Conn. Chain net. 2,342,455; Feb. 22.
Dahlander, Noël L., New York, N. Y., assignor of two-fifths to R. J. Earl, New Canaan, Conn. Multiple chain ladder. 2,343,123; Feb. 29.
Dahlberg, Amund B. C., Stockholm, Sweden. Bitumen road-making and the like. 2,338,166; Jan. 4.
Dahlberg, Henry W., assignor to The Great Western Sugar Company, Denver, Colo. Purification of sugar juice. 2,359,902; Oct. 10.
Dahlbom, Carl A., Brooklyn, F. S. Kinkead, New York, and G. A. Locke, Glenwood Landing, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Teletypewriter switching system. 2,349,539; May 23.
Dahlbom, Carl A., Brooklyn, F. S. Kinkead, New York, and G. A. Locke, Glenwood Landing, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Teletypewriter cord circuit. 2,360,040; Oct. 10.
Dahle, Joseph, West Newton, assignor to Gustavus J. Esselen Inc., Boston, Mass. Polymeric acetals and forming same. 2,360,477; Oct. 17.
Dahleen, Francis L., Los Angeles, Calif. Hanger bracket for swings. 2,341,210; Feb. 8.
Dahlen, Miles A., and H. F. Clapham, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyeing of wool with nonmetallized acid colors. 2,340,473; Apr. 11.
Dahlerup, Christian G., Flushing, assignor to Atlantic Gear Works, Incorporated, New York, N. Y. Gear testing machine. 2,348,712; May 16.
Dahlgren, Fredrik A. (See Blomberg, K. H., Broomé, Dahlgren, Johansson, and Lundholm.)
Dahlstrand, Hans P., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Making shroud structure. 2,345,918; Apr. 4.
Dahlstrand, Hans P., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Blade and shroud structure. 2,350,125; May 30.
Dahlstrand, Hans P., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Blade shrouding. 2,350,309; May 30.
Dahlstrand, Hans P., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Blade shrouding. 2,350,310; May 30.
Dahlstrom, Edward J., San Francisco, Calif. Wax applicator. 2,350,152; May 30.
Dahlstrom, Roy, Metuchen, N. J., assignor to National Lead Company, New York, N. Y. Solubilizing titaniferous ores. 2,344,288; Mar. 14.
Dalber, Emil, Cleveland, Ohio. Pitot tube. 2,348,282; Mar. 7.
Daiger, George P., Canton, and W. K. Kitto, Greentown, assignors to The Hoover Company, North Canton, Ohio. Dynamoelectric machine. 2,361,748; Oct. 31.
Daiger, William H., Linthicum Heights, and G. R. Seidel, Baltimore, Md., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of improved pigments. 2,357,089; Aug. 29.
Dailey, Manvel C., Elmhurst, assignor to United States Gypsum Company, Chicago, Ill. Plaster composition and process. 2,341,426; Feb. 8.
Daily, James M., Merchantville, N. J., assignor to American Ozone Company, Chicago, Ill. Ozone generator. 2,345,798; Apr. 4.
Daily, Robert A. (See Seabury, R. L., and Daily.)
Daily, Robert A., Muncie, Ind., and W. C. Pritchard, Lawton, Okla., assignors to General Motors Corporation, Detroit, Mich. Manufacture of storage batteries. 2,345,035; Mar. 28.
Dain Manufacturing Company of Iowa. (See Hill, George B., assignor.)
Dain Manufacturing Company of Iowa. (See Jones, Frank D., assignor.)
Dain Manufacturing Company of Iowa. (See Mappin, Vermont V., assignor.)
Dain Manufacturing Co. of Iowa. (See Moschel, H., and Day, assignors.)
Daisy Manufacturing Company. (See Lefever, Charles F., assignor.)
Dakan, Elmer J., Manhattan Beach, Calif. Overhead swinging door. 2,355,956; Aug. 15.
Dakin, Frederic A., trustee. (See Houghton, Alexis C., assignor.)
Dal, Inc., et al. (See Szukiewicz, Waclaw, assignor.)
Dale, Clarence R., Altadena, Calif. Apparatus for subsurface pressure determinations in wells. 2,360,041; Oct. 10.
Dale, George L., assignor of one-third to Losse Ranch, Santa Clara County, Calif. Spraying apparatus. 2,363,776; Nov. 28.
Dale, Julian K., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Recovering riboflavin from adsorbates. 2,343,254; Mar. 7.
D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Coating composition comprising partially polymerized allyl esters containing polymerization inhibitor. 2,339,058; Jan. 11.
D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Acid-curing resin composition. 2,339,059; Jan. 11.

D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Condensation product and preparing the same. 2,339,621; Jan. 18.
D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Condensation product and preparing the same. 2,339,622; Jan. 18.
D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Condensation product of aldehydes and carbamidomethylamino triazines and preparing the same. 2,339,623; Jan. 18.
D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Synthetic condensation products. 2,339,768; Jan. 25.
D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Synthetic condensation product. 2,339,770; Jan. 25.
D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Condensation product and making the same. 2,340,044; Jan. 25.
D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Condensation product and making the same. 2,340,045; Jan. 25.
D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Condensation product and making the same. 2,340,046; Jan. 25.
D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Synthetic rubberlike composition. 2,340,108; Jan. 25.
D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Copolymers of divinyl benzene polymers and unsaturated alkyd resins. 2,340,109; Jan. 25.
D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Removing cations from liquids media. 2,340,110; Jan. 25.
D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Removing cations from liquid media. 2,340,111; Jan. 25.
D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Condensation product of a urea, an aliphatic aldehyde, and an amino salt. 2,341,266; Feb. 8.
D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Composition containing a substituted alkyl halide. 2,342,456; Feb. 22.
D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Condensation products of an aminotriazine, and aldehyde, and a halogenated amide. 2,351,602; June 20.
D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Triazole derivatives. 2,352,944; July 4.
D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Plasticized aminoplast. 2,354,504; July 25.
D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Preparing a lignin-phenol-formaldehyde resin dispersion. 2,357,090; Aug. 29.
D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Dispersion of pine-wood pitch-phenolformaldehyde resinous reaction products. 2,357,091; Aug. 29.
D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Compositions containing substituted alkyl halides. 2,357,635; Sept. 5.
D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Synthetic compositions produced by acetalizing and/or ketalizing hydrolyzed copolymers of vinyl organic esters and polyvinyl aryl compounds. 2,363,297; Nov. 21.
D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Preparation of heat-convertible, soluble, fusible polymers of divinyl benzene. 2,363,836; Nov. 28.
D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Production of synthetic polymeric compositions comprising sulphonated polymerizates of poly-vinyl aryl compounds and treatment of liquid media therewith. 2,366,007; Dec. 26.
D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Production of synthetic polymeric compositions comprising aminated polymerizates of poly-vinyl aryl compounds and treatment of liquid media therewith. 2,366,008; Dec. 26.
D'Alelio, Gaetano F., and J. W. Underwood, Pittsfield, Mass., assignors to General Electric Company. Composition containing triazinyl carboxy-alkyl sulphides. 2,338,492; Jan. 4.
D'Alelio, Gaetano F., and J. W. Underwood, Pittsfield, Mass., assignors to General Electric Company. Triazine derivatives. 2,338,493; Jan. 4.
D'Alelio, Gaetano F., and J. W. Underwood, Pittsfield, Mass., assignors to General Electric Company. Reaction product of aldehydes and triazine derivatives. 2,338,494; Jan. 4.
D'Alelio, Gaetano F., and J. W. Underwood, Pittsfield, Mass., assignors to General Electric Company. Diazine derivatives. 2,339,060; Jan. 11.
D'Alelio, Gaetano F., and J. W. Underwood, Pittsfield, Mass., assignors to General Electric Company. Reaction products of aldehydes and poly-(diazinyl hydrazino) derivatives of polycarboxylic acids. 2,339,061; Jan. 11.
D'Alelio, Gaetano F., and J. W. Underwood, Pittsfield, Mass., assignors to General Electric Company. Composition containing a pyrimidyl halogeno cyanoalkyl sulphide. 2,340,107; Jan. 25.
D'Alelio, Gaetano F., and J. W. Underwood, Pittsfield, Mass., assignors to General Electric Company. Composition containing a triazinyl halogeno cyanoalkyl sulphide. 2,341,267; Feb. 8.
D'Alelio, Gaetano F., and J. W. Underwood, Pittsfield Mass., assignors to General Electric Company. Compositions containing a diamino diazinyl substituted-alkyl sulphide. 2,344,289; Mar. 14.
D'Alelio, Gaetano F., and J. W. Underwood, Pittsfield, Mass., assignors to General Electric Company. Compositions containing a diamino triazinyl substituted alkyl sulphide. 2,347,032; Apr. 18.
D'Alelio, Gaetano F., and J. W. Underwood, Pittsfield, Mass., assignors to General Electric Company. Diazinyl carboxy-alkyl sulphides and salts thereof. 2,347,992; May 2.
D'Alelio, Gaetano F., and J. W. Underwood, Pittsfield, Mass., assignors to General Electric Company. Reaction products of aldehydes and triazine derivatives. 2,352,942; July 4.
D'Alelio, Gaetano F., and J. W. Underwood, Pittsfield, Mass., assignors to General Electric Company. Reaction product of aldehydes and diazine derivatives. 2,352,943; July 4.
D'Alelio, Gaetano F., and J. W. Underwood, Pittsfield, Mass., assignors to General Electric Company. Diazine derivatives. 2,352,945; July 4.
D'Alelio, Gaetano F., and J. W. Underwood, Pittsfield, Mass., assignor to General Electric Company. Diazine derivatives. 2,354,505; July 25.
D'Alelio, Gaetano F., and J. W. Underwood, Pittsfield, Mass., assignors to General Electric Company. Triazine derivatives. 2,355,423; Aug. 8.
D'Alelio, Gaetano F., and J. W. Underwood, Pittsfield, Mass., assignors to General Electric Company. Diazine derivatives. 2,361,822; Oct. 31.
D'Alelio, Gaetano F., and J. J. Pyle, Pittsfield, Mass., assignors to General Electric Company. Preparing hydrocarbon-substituted amino triazines. 2,361,823; Oct. 31.
Dalén, Sten G., Lidingo, assignor to Svenska Aktibolaget Gasaccumulator, Stockholm, Sweden. Device for combustion of solid fuel. 2,341,980; Feb. 15.
Daley, Frank J. (See Peterson, V. W., and Daley.)
Daley, Stewart N., assignor to Canadian International Paper Company, Montreal, Quebec, Canada. Core cap. 2,364,953; Dec. 12.
Da-Lite Screen Company. (See Heck, John T., assignor.)
Dall, Edward D., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Automobile door lock. 2,344,805; Mar. 21.
Dall, Edward D., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Automobile door lock. 2,344,806; Mar. 21.
Dallas, Warren K., Los Angeles, Calif. Airfield traffic control. 2,350,594; June 6.
Dillenbach, Walter, Berlin, Germany; vested in the Alien Property Custodian. Resonance device for ultra-short waves. 2,342,254; Feb. 22.
Dillenbach, Walter, Berlin, Germany; vested in the Alien Property Custodian. Hollow space radiator. 2,349,942; May 30.
Dailey, Charles J., Maplewood, assignor to The W. H. Compton Shear Company, Newark, N. J. Footpower snip. 2,351,406; June 3.
Dallos, György I., Budapest, Hungary; vested in the Alien Property Custodian. Amplitude limiting circuits. 2,338,412; Jan. 4.
Daily, Roy, assignor to Webster Electric Company, Racine, Wis. Tone arm. 2,342,457; Feb. 22.
Daily, Roy, assignor to Webster Electric Company, Racine, Wis. Tone arm. 2,346,733; Apr. 18.
Daily, Roy, assignor to Webster Electric Company, Racine, Wis. Crystal pickup unit. 2,348,526; May 9.
Dally, Roy, assignor to Webster Electric Company, Racine, Wis. Tone arm. 2,363,655; Nov. 28.
Dalmo Victor Co. (See Soule, Arthur H., assignor.)
Dalrymple, Ferdinand H., Bedford, Ohio. Duplex chain conveyer. 2,360,209; Oct. 10.
Dalrymple, Ferdinand H., Bedford, Ohio. Chain. 2,365,866; Dec. 26.
Dalrymple, Henry C. (See Cook, W. H., and Dalrymple.)
Dalton, Alfred J., assignor to Industrial Sheet Metal Works, Inc., Detroit, Mich. Dust collector. 2,339,982; Jan. 25.
Dalton, Alfred J., assignor to Industrial Sheet Metal Works, Inc., Detroit, Mich. Air washing apparatus. 2,353,548; July 11.
Dalton, George F., II, Cleveland Heights, Ohio. Structural unit. 2,363,233; Nov. 21.
Dalton, Richard, Scotia, N. Y., assignor to General Electric Company. Optical sighting instrument. 2,358,794; Sept. 26.
Daly, Arthur J., and W. G. Lowe, Spondon, near Derby, England, assignors to Celanese Corporation of America. Manufacture of sheet material and apparatus for the production thereof. 2,339,840; Jan. 25.
Daly, George F., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Paper feeding mechanism. 2,348,059; May 2.

Daly, George M. (See Sands, W. F., and Daly.)
Daly, Le Grand, Port Clinton, Ohio. Gasket material. 2,343,368; Mar. 7.
Daly, Loretta M., Pittsfield, Mass., assignor to General Electric Company. Electric heater. 2,347,993; May 2.
Daly, Daniel F., Hartford, Conn., assignor, by mesne assignments, to Federal Electric Products Company, Inc., Newark, N. J. Cabinet for electric appliances. 2,359,627; Oct. 3.
Daly, Daniel F., Hartford, Conn., assignor, by mesne assignments, to Federal Electric Products Company, Inc., Newark, N. J. Protective cover for electric meters. 2,359,628; Oct. 3.
Daly, George M., Collingswood, N. J., assignor to Radio Corporation of America. Television power supply. 2,367,358; Nov. 7.
Daly, Lawrence E., Osceola, Ind., assignor to United States Rubber Company, New York, N. Y. Rubber molding compositions. 2,363,564; Nov. 28.
Daly, William J., Brooklyn, N. Y., assignor to Standard Oil Development Company. Stabilized high molecular weight hydrocarbon polymer. 2,340,938; Feb. 8.
Dalzell, Charles B., and H. W. Cheney, Little Falls, N. Y., assignors to Cherry-Burrell Corporation, Chicago, Ill. Valve. 2,353,549; July 11.
Dalzell, William F. (See Sneed, John, assignor.)
Dalzell, William F., Grosse Pointe, Mich. Grinding wheel form dresser. 2,341,022; Feb. 8.
Daman, Arthur C. (See Bailey, T. S., Jr., Daman, and Logue.)
Daman, Arthur C. (See Finney, J. H. V., and Daman.)
Damm, Helmut, Duesseldorf, Germany, assignor, by mesne assignments, to The Procter & Gamble Company, Cincinnati, Ohio. Cultivation of fat-forming molds. 2,346,011; Apr. 4.
Dammann, Karl, Trenton, N. J., assignor to Paterson Parchment Paper Company, Bristol, Pa. Manufacture of composite products. 2,355,424; Aug. 8.
Damme, Walter O., and R. J. Gabler, assignors to Butler Manufacturing Company, Kansas City, Mo. Spotting board. 2,340,832; Feb. 1.
Damon, Peter W., Barton, Vt. Sterilizing hood for cream separators. 2,357,384; Sept. 5.
Damron, Milton H., Camp Lockett, Calif. Compact sphygmomanometer. 2,341,137; Feb. 8.
Damrow Brothers Company. (See Peters, Norman J., assignor.)
Damsel, Nelle H., executrix. (See Damsel, William B.)
Damsel, William B., deceased, Scarsdale, N. Y.; N. H. Damsel, executrix. Pipe coupling. 2,362,454; Nov. 14.
Damsted, John, Sudbury, Ontario, Canada. Rocker. 2,362,685; Nov. 14.
Dana, Leo L., Buffalo, and G. H. Zenner, Kenmore, N. Y., assignors to The Linde Air Products Company. Method of and apparatus for storing liquefied gas mixtures. 2,344,765; Mar. 21.
Danciger Oil and Refineries, Inc. (See Hall, John L., assignor.)
Danciger Oil & Refineries, Inc. (See Isham, R. M., and Spring, assignors.)
Dand, William R., Los Angeles, assignor to N. L. Stephens, San Francisco, Calif., doing business as U. S. Flexible Metallic Tubing Co. Multiple inlet valve. 2,341,531; Feb. 15.
Dand, William R., Altadena, and W. E. Steen, Pasadena, assignors to Smith Meter Company, Los Angeles, Calif. Shock absorber for fluid flow installations. 2,354,201; July 25.
Danforth, Joseph D. (See Thomas, C. L., and Danforth.)
Danforth, Joseph D., assignor to Universal Oil Products Company, Chicago, Ill. Catalytic conversion of hydrocarbons. 2,339,247; Jan. 18.
Danforth, Joseph D., assignor to Universal Oil Products Company, Chicago, Ill. Manufacture of catalysts. 2,339,248; Jan. 18.
Danforth, Joseph D., assignor to Universal Oil Products Company, Chicago, Ill. Catalytic treatment of hydrocarbons. 2,339,249; Jan. 18.
Danforth, Joseph D., assignor to Universal Oil Products Company, Chicago, Ill. Catalytic cracking of hydrocarbons. 2,339,250; Jan. 18.
Danforth, Joseph D., assignor to Universal Oil Products Company, Chicago, Ill. Alkylation of hydrocarbons. 2,342,123; Feb. 22.
Danforth, Joseph D., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,342,124; Feb. 22.
Danforth, Joseph D., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 2,342,922; Feb. 29.
Danforth, Joseph D., assignor to Universal Oil Products Company, Chicago, Ill. Isomerization of hydrocarbons. 2,342,923; Feb. 29.
Danforth, Joseph D., assignor to Universal Oil Products Company, Chicago, Ill. Manufacture of catalysts. 2,346,012; Apr. 4.
Danforth, Joseph D., assignor to Universal Oil Products Company, Chicago, Ill. Catalysis. 2,346,294; Apr. 11.
Danforth, Joseph D., assignor to Universal Oil Products Company, Chicago, Ill. Effecting hydrocarbon conversion reactions. 2,354,851; Aug. 1.
Danforth, Joseph D., assignor to Universal Oil Products Company, Chicago, Ill. Catalytic conversion of hydrocarbons. 2,356,978; Aug. 29.
Danforth, Joseph D., assignor to Universal Oil Products Company, Chicago, Ill. Manufacture of catalysts. 2,357,254; Aug. 29.
Danforth, Richard S., Berkeley, Calif. Twin-fluke anchor. 2,354,666; Aug. 1.
Dang, Young T., Oakland, Calif. Perpetual calender. 2,341,599; Feb. 15.
Dangelmajer, Charles, Nutley, assignor to Resistoflex Corporation, Belleville, N. J. Polyvinyl alcohol composition. 2,340,866; Feb. 8.
Daniel, Clarence P., Bristol, Va. Mine car wheel and axle assembly. 2,340,648; Feb. 1.
Daniel, Friedrich K., Kew Gardens, assignor to Hornkem Corporation, New York, N. Y. Dialysis. 2,365,457; Dec. 19.
Daniel, Karl, Cologne-Sulz, Germany; vested in the Alien Property Custodian. Case for sound films. 2,341,600; Feb. 15.
Daniel, William W., assignor to Snap-On Tools Corporation, Kenosha, Wis. Drive socket connector. 2,354,184; July 25.
Danield, Albert O., Chesham, Bucks, and H. V. German, Howgate, Bembridge, Isle of Wight, England, assignors to Hordern-Richmond Limited, Haddenham, Buckinghamshire, England. Balanced airscrew blade. 2,364,121; Dec. 5.
Dannehl, T. C. (See Donaldson, Jefferson R., assignor.)
Daniels, Charles D., Mountainair, N. Mex. Plier wrench. 2,361,607; Oct. 31.
Daniels, Claude H., Greenwich, Conn. Shoe. 2,350,879; June 6.
Daniels, Claude H., Greenwich, Conn., and M. P. Foy, Endicott, N. Y. Shoe. 2,351,323; June 13.
Daniels, Gordon E., Nashville, Tenn. Dirt scraper. 2,340,583; Feb. 1.
Daniels, Gordon E., Nashville, Tenn. Scraping apparatus. 2,349,576; May 23.
Daniels, Gordon E., Nashville, Tenn. Dirt scraping apparatus. 2,363,402; Nov. 21.
Daniels, Lee C., assignor to Sam Moore & Co., Cleveland, Ohio. Brake. 2,355,425; Aug. 8.
Daniels, Lee G., Rockford, Ill. Water treatment apparatus. 2,363,167; Nov. 21.
Daniels, Lee G., Rockford, Ill. Valve. 2,364,697; Dec. 12.
Daniels, Leslie E. (See Daniels, Wesley A., W. A., Jr., and L. E.)
Daniels, Nathan. (See Pero, J. M., and Daniels.)
Daniels, Sam, Mfg. Co. (See Sunderland, Charles E., assignor.)
Daniels, Wesley A., Jr. (See Daniels, Wesley A., Jr., and L. E.)
Daniels, Wesley A., W. A., Jr., and L. E., Chaumont, N. Y. Drop wire tie. 2,345,890; Apr. 4.
Danielsen, Dybwad, Buffalo, N. Y. Boat with means for enclosing the propeller when not in use. 2,364,426; Dec. 5.
Danielson, Ephraim R., St. Paul, Minn. Quick-change structure for boring bars. 2,362,053; Nov. 7.
Danielsson, Paul, Stockholm, Sweden, assignor to Arenco Aktiebolag. Dressing fish. 2,353,654; July 18.
Danielsson, Paul, Stockholm, Sweden, assignor to Arenco Aktiebolag. Machine for collecting fish. 2,356,655; Aug. 22.
Danley, Gail L., Denver, Colo. Door check and closer. 2,355,276; Aug. 8.
Dann, Joseph A., Milwaukee, Wis. Automatically operable safety landing switch for airplanes. 2,352,692; July 4.
Danneman, Fred C., New York, N. Y. Pin and bushing lock for die sets. 2,356,387; Aug. 22.
Dannenbaum, Hans. (See Logemann, W., and Dannenbaum.)
Danner, Irene A., Pittsburgh, Pa. Bunion correcting apparatus. 2,359,023; Sept. 26.
Dannöhl, Walter, and H. Neumann, Berlin-Siemensstadt, Germany; vested in the Alien Property Custodian. Alloy for permanent magnets. 2,347,543; Apr. 25.
Danz, Emil. (See Lawlor, J. H., and Danz.)
Darby, George M., Westport, Conn., assignor to The Dorr Company, Inc., New York, N. Y. Treatment of impure liquids. 2,352,772; July 4.
Darby, John J., Portland, Oreg. Drafting table. 2,350,340; June 6.
Dardelet, Robert L., Grenoble, France; vested in the Alien Property Custodian. Compression or depression pump of the liquid ring type. 2,344,396; Mar. 14.
D'Ardenne, Walter H., Jenkintown Manor, Pa., assignor to Colt's Patent Fire Arms Manufacturing Company. Gun sight mounting. 2,343,863; Mar. 14.
Dare, Curtis T., and G. F. Esson, assignors to Ex-Cell-O Corporation, Detroit, Mich. Turning machine. 2,342,792; Feb. 29.
Dare, John F. (See Ross, S. R., and Dare.)
Darley, Ralph E. (See Beerbower, A., and Darley.)
Darley, W. S., & Company. (See Yates, De Witt E., assignor.)
Darli Industrial Management, Incorporated. (See Ligh, David R., assignor.)
Darli Industrial Management, Incorporated. (See Ligh, D. R., and Ehrenhaft, assignors.)
Darling, Alan G., Schenectady, N. Y., assignor to General Electric Company. Protective system. 2,358,215; Sept. 12.

Darling Valve and Manufacturing Company. (See Kiesel, John S., assignor.)
Darlington, Sidney, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Attenuation regulator. 2,362,359; Nov. 7.
Darman, Francis G., Utica, N. Y. Continuous towel cabinet. 2,338,905; Jan. 11.
Darnell, Georgia, San Diego, Calif. Pour cap for bottles. 2,348,527; May 9.
Darnell, Rex C., Dexter, assignor to King-Seeley Corporation, Ann Arbor, Mich. Governor. 2,349,145; May 16.
Da Roza, Francis G., Ferndale, and W. T. Bratton, assignors to General Motors Corporation, Detroit, Mich. Control means. 2,353,014; July 4.
Darr, Harry E. (See Storch, Max H., assignor.)
Darrah, William A., Chicago, Ill. Distillation device and process. 2,362,889; Nov. 14.
Darrah, William A., Chicago, Ill. Magnesium production and furnace equipment therefor. 2,364,195; Dec. 5.
Darrin, Marc, Baltimore, Md., assignor to Mutual Chemical Company of America, New York, N. Y. Production and acid treatment of hydrous chromic oxide. 2,350,980; June 6.
Darward & Sons Company. (See Dexter, Fred S., assignor.)
Darwin, Clifford, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Weft detector control on drop box. 2,360,852; Oct. 24.
Darwin, Clifford, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Weft replenishing loom. 2,364,954; Dec. 12.
Darwins Limited. (See Welbury, Stanley G., assignor.)
Dasher, Paul J., Stow, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Reclaiming vulcanized balata and the product thereof. 2,361,015; Oct. 24.
Dasher, Richard, assignor to L. M. Rabinowitz & Company, Inc., New York, N. Y. Method and apparatus for making fastening strips. 2,358,689; Sept. 19.
Dath, George E., Mokena, assignor to W. H. Miner, Inc., Chicago, Ill. Quick take-up mechanism. 2,347,889; May 2.
Dath, George E., Mokena, assignor to W. H. Miner, Inc. Chicago, Ill. Draft and buffer gear. 2,347,890; May 2.
Dath, George E., Mokena, assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorbing mechanism. 2,350,547; June 6.
Dath, George E., assignor to W. H. Miner, Inc., Chicago, Ill. Draft gear. 2,360,478; Oct. 17.
Datz, George J., East Rockaway, assignor to Pepsi-Cola Company, Long Island City, N. Y. Container and package. 2,356,656; Aug. 22.
Daub, Rudolph, Paterson, N. J., assignor to Wright Aeronautical Corporation. Internal-combustion engine. 2,355,277; Aug. 8.
Daudelin, Arthur T., Yakima, Wash. Portable collapsible fume extractor. 2,348,455; May 9.
Daughenbaugh, Paul J., Wrightstown, assignor to Sharp & Dohme, Incorporated, Philadelphia, Pa. Physiologically active substance. 2,353,016; July 4.
Daugherty, Fount F., assignor to T. Francis, F. F. Daugherty, N. S. Wood, T. H. Mize, I. L. Rhodes, W. J. Moran, L. P. Carpenter, D. R. Francis, St. Louis, Mo., and N. Ewing, Fort Lewis, Wash., as trustees. Coin handling and totaling device. 2,338,575; Jan. 4.
Daugherty, Fount F., assignor to T. Francis, F. F. Daugherty, N. S. Wood, T. H. Mize, I. L. Rhodes, W. J. Moran, L. P. Carpenter, and D. R. Francis, St. Louis, Mo., and N. Ewing, Fort Lewis, Wash., as trustees. Change-making device. 2,338,576; Jan. 4.
Daugherty, George. Imperial, Calif. Fence stretcher. 2,352,694; July 4.
Daugherty, George W., Orlando, Fla. Spraying machine. 2,358,318; Sept. 19.
Daugherty, Jesse, assignor to The Cincinnati Planer Company, Cincinnati, Ohio. Hydraulic feed and traverse. 2,361,460; Oct. 31.
Daugherty, Lucius A., Norfolk, Va. Wooden spring. 2,363,837; Nov. 28.
Daum, August C., et al. (See Lutz, Daniel H., assignor.)
Daum, Charles, New York, N. Y. Shelf supporting structure. 2,365,252; Dec. 19.
Daun, Carl L., Milwaukee, Wis., assignor to Chill-Quick Corporation. Faucet for dispensing carbonated beverages. 2,355,205; Aug. 8.
Daunis, Fay, et al. (See Gripp, Walter W., assignor.)
Dauphinee, George S., Brooklyn, assignor to W. B. Connor, New York, N. Y. Volume control for diffusers. 2,365,867; Dec. 26.
Dausinger, Franz, Stuttgart, Germany; vested in the Alien Property Custodian. Ignition device for internal combustion engines. 2,338,906; Jan. 11.
D'Autremont, Adelbert S., Kernville, Calif. Counterbalanced overhead door. 2,347,770; May 2.
Dautrick, Owen L., Ferndale, Mich. Window structure. 2,343,446; Mar. 7.
Davenport, Edith E., executrix. (See Silva, F. G., and Davenport.)
Davenport, Emerson L., Grand Rapids, Mich. Blueprint machine. 2,351,251; June 13.
Davenport Machine Tool C. (See Silva, F. G., and Davenport, assignors.)
Davenport Machine Tool Co. (See Silva, F. G., and Seymour, assignors.)
Davenport, William S. (See Silva, F. G., and Davenport.)
Davey, Clarence P., assignor to Wilson & Bennett Manufacturing Co., Chicago, Ill. Pail cover. 2,347,401; Apr. 25.
Davey, Edward L. (See Beaver, C. J., and Davey.)
Davey, Edward P., Harrow, England, assignor to Eastman Kodak Company, Rochester, N. Y. Photographic materials. 2,358,060; Sept. 12.
Davey, James R., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Receiving circuit for telegraph signaling systems. 2,343,753; Mar. 7.
David, Edward M., Washington, D. C. Convertible protective garment. 2,357,636; Sept. 5.
David, František. (See Just, J. and F., and David.)
David, Roger H., St. Paul, Minn. Shoe-shining kit. 2,351,407; June 13.
David, Victor M., Vancouver, British Columbia, Canada. Retort. 2,362,117; Nov. 7.
Davids, Hans, Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Shaft coupling mechanism for internal combustion engines. 2,341,981; Feb. 15.
Davids, Robert B., Baltimore, Md. Relative motion rotative mechanism. 2,349,848; May 30.
Davidsohn, Hilde, Paris, France; vested in the Alien Property Custodian. Glove. 2,339,251; Jan. 18.
Davidson, Arthur C., Chicago, Ill. Railway truck. 2,352,693; July 4.
Davidson, Arthur C., deceased, by A. C. Davidson, Collinsville, Conn., executrix. Method of and apparatus for making airplane propeller blades. 2,362,745; Nov. 14.
Davidson, Avis C., executrix. (See Davidson, Arthur C.)
Davidson, Bruce J., Manhasset, assignor to National Biscuit Company, New York, N. Y. Carton. 2,339,382; Jan. 18.
Davidson, Bruce J., Manhasset, assignor to National Biscuit Company, New York, N. Y. Dispensing carton. 2,339,383; Jan. 18.
Davidson, Bruce J., Manhasset, assignor to National Biscuit Company, New York, N. Y. Dispensing carton. 2,360,765; Oct. 17.
Davidson, Cecil S., Falconbridge, Ontario, Canada. Clamp for holding drill rods or casings. 2,348,611; May 9.
Davidson, Glenn, Aurora, Ill. Cigarette mouthpiece material. 2,342,924; Feb. 29.
Davidson, Herman F., Sioux City, Iowa. Internal-combustion engine. 2,353,446; July 11.
Davidson, Hobart O., Swarthmore, and H. J. McDermott, Prospect Park, Pa., assignors to American Viscose Corporation, Wilmington, Del. Apparatus for liquid treatment of filamentary material. 2,351,110; June 13.
Davidson, James D., Dayville, Oreg. Toy airplane. 2,364,427; Dec. 5.
Davidson, John A., Brooklyn, N. Y. Adjustable slitter for printing presses and the like. 2,360,653; Oct. 17.
Davidson Manufacturing Corporation. (See Davidson, W. W., and (Dell, assignor.).)
Davidson Manufacturing Corporation. (See Hagelin, William T., assignor.)
Davidson, Samuel L., Rutherford, N. J., assignor to The New York Central Railroad Company. Endgate lock for freight cars. 2,352,887; July 4.
Davidson, Samuel O., Jr., assignor to National Paper Box Co., Kansas City, Mo. Folding food serving box. 2,355,206; Aug. 8.
Davidson, Trevor O., Milwaukee, to Bucyrus Erie Company, South Milwaukee, Wis. Dragline excavator. 2,359 303; Oct. 3.
Davidson, Vernon D., and M. C. Wilson, Corpus Christi, Tex. Inside pipe cutter. 2,351,929; June 20.
Davidson, William W., Evanston, and E. F. Dell, Park Ridge; said Dell assignor to Davidson Manufacturing Corporation, Chicago, Ill. Printing press. 2,358,284; Sept. 12.
Davidson, Wilson. (See Geiger, W. J., and Davidson.)
Davie, Robert P. Jr., Manhattan Beach, assignor to North American Aviation, Inc., Inglewood, Calif. Aerodynamic control arrangement. 2,361,275; Oct. 24.
Davies, Arthur E., deceased, by C. Herman, administrator, assignor of twenty per cent to F. P. Shadden, Los Angeles, Calif., and eighty per cent to S. A. Davies. Swivel mechanism for seats. 2,351,194; June 13.
Davies, Drury N., Ashford, assignor to Celloid Limited, Feltham, Middlesex, England. Thermoplastic compositions and producing the same. 2,358,963; Sept. 26.
Davies, Edwin A., Glenbrook, assignor to Hoffman Specialty Co., Inc., Stamford, Conn. Radiator vent valve. 2,338,495; Jan. 4.
Davies, Harold, Kehovoth, Palestine. Substituting alcoholic hydroxyl groups by bromine. 2,359,828; Oct. 10.
Davies, John M., Akron, and H. A. Schultz, Cuyahoga Falls, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Measuring apparatus. 2,345,732; Apr. 4.
Davies, Lynn E., Park Ridge, assignor to White Cap Company, Chicago, Ill. Apparatus for sealing cans and the like. 2,347,668; May 2.
Davies, Shirley A., et al. (See Davies, Arthur E., assignor.)
Davies, Thomas D., Cleveland, Ohio. Coupling means. 2,339,771; Jan. 25.

Davies, Wayne, Chicago, Ill. Packing spacer. 2,342,458; Feb. 22.
Davin, John, Chicago, Ill. Heating apparatus. 2,364,698; Dec. 12.
Davis, Albert E., New York, N. Y. Retractible and expansible inside screen for windows. 2,341,023; Feb. 8.
Davis, Albert P., Oaklyn, N. J. Spinning device for landing-gear wheels of airplanes and the like. 2,339,241; Jan. 18.
Davis, Allan C., Baltimore, Md. Inspection apparatus. 2,353,127; July 11.
Davis, Archibald H., Jr., Moline, Ill., assignor to American Machine and Metals, Inc., New York, N. Y. Fluid system control. 2,344,133; Mar. 14.
Davis, Ariel R., Provo, Utah. Transformer. 2,361,384; Oct. 31.
Davis, Arnold R., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Fusion process for the production of addition compounds of diaryl guanidines. 2,340,833; Feb. 1.
Davis, Benjamin F., Arena, Wis., assignor to Wingfoot Corporation, Akron, Ohio. Cheese packaging. 2,361,749; Oct. 31.
Davis, Carl K. (See Bindschedler, T. S., and Davis).
Davis, Charles H., Alexandria, Va. Drill. 2,354,985; Aug. 1.
Davis, Clarita, administratrix. (See Davis, Harry P.)
Davis, Claude R. (See Pfennig, R. F., and Davis.)
Davis, Claude R., and J. J. Savelli, Baytown, and J. L. Franklin, Jr., Goose Creek, Tex., assignors to Standard Oil Development Company. Refining of mineral oils. 2,340,939; Feb. 8.
Davis, Clyde O. (See Cook, M. A., and Davis.)
Davis, Clyde O., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Blasting explosive composition and method. 2,356,149; Aug. 22.
Davis, Clyde O., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Detonating explosive. 2,358,384; Sept. 19.
Davis, Clyde O., and W. C. Holmes, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Explosive. 2,358,385; Sept. 19.
Davis, Clyde O., Woodbury, and H. H. Fassnacht, Wenonah, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Explosive composition. 2,362,617; Nov. 14.
Davis, Cortland W. (See Baker, R., and Davis.)
Davis, Doris E., Coral Gables, Fla. Awning for children's vehicles. 2,362,360; Nov. 7.
Davis, Dorothy, et al. (See Briggs, Ernest B., assignor.)
Davis, Donald W. (See Abrams, A., Davis, Forcey, Rumberger, and Wagner.)
Davis, Duane, New York, N. Y., assignor to Reynolds Metals Company, Richmond, Va. Dispensing container. 2,339,156; Jan. 11.
Davis, Dwillard J., assignor to General Motors Corporation, Detroit, Mich. Cylinder head gauge. 2,341,138; Feb. 8.
Davis, Edward A., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Assembling strip material. 2,351,111; June 13.
Davis, Edward A., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Apparatus for spooling wrappings. 2,352,255; June 27.
Davis, Edward A., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Manufacture of hose. 2,358,909; Sept. 26.
Davis, Emerson F., executor and ancillary executor, et al. (See Jensen, James A., assignor.)
Davis, Ernest W., River Forest, Ill. Coating device. 2,332,773; July 4.
Davis, Ernest W., River Forest, Ill. Flow indicator. 2,359,467; Oct. 3.
Davis, Emerson F., executor. (See Jensen, James A.)
Davis Engineering Corporation. (See Thompson, William H., assignor.)
Davis, Ernest, assignor to The Prosperity Company, Inc., Syracuse, N. Y. Master valve lock for servomotors. 2,341,696; Feb. 15.
Davis, Ernest, Syracuse, assignor to The Prosperity Company, Inc., New York, N. Y. Two-hand control for power actuated machines. 2,346,829; Apr. 18.
Davis, Ernest, assignor to The Prosperity Company, Inc., Syracuse, N. Y. Pressing machine mechanism and locking means. 2,350,153; May 30.
Davis, Ernest, assignor to The Prosperity Company, Inc., Syracuse, N. Y. Work clamp mechanism. 2,364,196; Dec. 5.
Davis, Ernest W., River Forest, assignor to Stewart-Warner Corporation, Chicago, Ill. Lubricating apparatus. 2,340,455; Feb. 1.
Davis, Ernest W., River Forest, assignor to The Imperial Brass Manufacturing Company, Chicago, Ill. Tube coupling. 2,350,017; May 30.
Davis, Ernest W., River Forest, assignor to Stewart-Warner Corporation, Chicago, Ill. Lubricating system. 2,351,930; June 20.
Davis, Evan A., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Screw thread for high strength bolting. 2,349,651; May 23.
Davis, Frank B., University Heights, assignor to The National Screw & Manufacturing Company, Cleveland, Ohio. Feed mechanism. 2,349,487; May 23.
Davis, Frank L., College Point, Long Island, N. Y. Screw fastening with self-riveting head. 2,343,283; Mar. 7.
Davis, Frank P., Hialeah, Fla. Pump control mechanism. 2,356,306; Aug. 22.
Davis & Furber Machine Company. (See Howe, Irving R., assignor.)
Davis, George B., Jr., Washington, D. C. Fuel tank neutralizer. 2,341,268; Feb. 8.
Davis, George B., Jr., Green Acres, Md. Drapery support. 2,364,275; Dec. 5.
Davis, George B., Pasadena, Calif. Portable elevator. 2,344,134; Mar. 14.
Davis, Gifford D. (See Robinson, E. A., and Davis.)
Davis, Gifford D., South Orange, and W. L. Abramowitz, Lakewood, assignors to National Oil Products Company, Harrison, N. J. Derivatives of blown fatty amides. 2,340,112; Jan. 25.
Davis, Harold G., Denver, Colo. Hinge. 2,358,561; Sept. 19.
Davis, Harold S., Greenwich, and H. A. Newey, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Removing acetylene polymers from crude acrylonitrile. 2,361,367; Oct. 31.
Davis, Harry, Brooklyn, N. Y. Toy furniture. 2,355,957; Aug. 15.
Davis, Harry P., deceased, Palo Alto, Calif.; C. Davis, administratrix of said H. P. Davis, assignor, by mesne assignments, to The Anglo California National Bank of San Francisco, trustee for the benefit of Reconstruction Finance Corporation. Method and apparatus for the production of magnesium. 2,349,408; May 23.
Davis, Harry P., deceased, Palo Alto, Calif., by C. Davis, Palo Alto, administratrix, assignor, by mesne assignments, to The Anglo California National Bank of San Francisco, trustee for the benefit of Reconstruction Finance Corporation. Method and apparatus for the production of magnesium. 2,349,409; May 23.
Davis, Ira D., Avery, Tex. Nail and tack holder and finger guard. 2,348,962; May 16.
Davis, James A., Highland Park, and I. Gil, assignors to Rock-Ola Manufacturing Corporation, Chicago, Ill. Phonograph. 2,339,062; Jan. 11.
Davis, James C. Jr., et al. (See Lewis, Thomas B., assignor.)
Davis, John H., Long Beach, Calif. Combined outsole and heel lift. 2,348,713; May 16.
Davis, John H., assignor to Earl A. Peterman, Detroit, Mich. Propeller blade balancing attachment. 2,339,624; Jan. 18.
Davis, John L., and H. B. Saunders, assignors to Galvin Manufacturing Corporation, Chicago, Ill. Radio receiver system. 2,353,111; July 4.
Davis, John V., Detroit, Mich. Dipping mechanism. 2,350,496; June 6.
Davis, Keith T., assignor to L. J. Mueller Furnace Company, Milwaukee, Wis. Air conditioning apparatus. 2,350,497; June 6.
Davis, Kingsbury H., Bernardsville, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission control in two-way signal transmission systems. 2,352,081; June 20.
Davis, Kingsbury H., Bernardsville, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Control of two-way signal transmission systems. 2,353,958; Aug. 15.
Davis, Lloyd L., B. H. Lincoln, and G. D. Byrkit, Ponca City, Okla., assignors, by mesne assignments, to The Lindsley-Zoi Development Corporation, Cleveland, Ohio. Lubricating oils. 2,364,622; Dec. 12.
Davis, Loren R., Newtown, assignor to Brewster Aeronautical Corporation, Hatboro, Pa. Aircraft. 2,362,361; Nov. 7.
Davis, Marjorie E. (See Johnson, Clarence M., assignor.)
Davis, Max W. (See Lima, Henry C., assignor.)
Davis, Morgan, et al. (See Lutz, Daniel H., assignor.)
Davis, Nelson L., assignor to Link-Belt Company, Chicago, Ill. Automatic conveyer. 2,342,038; Feb. 15.
Davis, Nelson L., assignor to Link-Belt Company, Chicago, Ill. Bucket conveyer. 2,342,039; Feb. 15.
Davis, Nelson L., assignor to Link-Belt Company, Chicago, Ill. Conveyer. 2,342,040; Feb. 15.
Davis, Orris L., and A. C. Nixon, Oakland, assignors to Shell Development Company, San Francisco, Calif. Removing acids from hydrocarbons. 2,364,582; Dec. 5.
Davis, Ralph B., Prestonsburg, Ky. Water heating apparatus. 2,356,657; Aug. 22.
Davis, Ralph C., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Control apparatus. 2,354,429; July 25.
Davis, Richard C., Great Neck, N. Y., and W. H. Matthies, Hackensack, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,362,619; Nov. 14.
Davis, Richard E., Wauwatosa, assignor to The Oilgear Company, Milwaukee, Wis. Hydraulic drive. 2,345,919; Apr. 4.
Davis, Robert E., assignor to W. B. Davis & Son, Inc., Fort Payne, Ala. Knitting. 2,357,506; Sept. 5.
Davis, Robert F., et al. (See Voigt, George Q., assignor.)
Davis, Selby B. (See Sachanen, A. N., and Davis.)
Davis & Thompson Company. (See Weimer, William H., assignor.)

Davis, W. B., & Son, Inc. (See Davis, Robert E., assignor.)
Davis, Walter H. (See Holihan, I. T., and Davis.)
Davis, Walwin L., Avon, assignor to E. D. McCurdy, Trustee, Shaker Heights, Ohio. Air operated instrument and driving means therefor. 2,338,098; Jan. 4.
Davis, Walwin L., Avon, assignor to E. D. McCurdy, Cleveland, Ohio. Fuel supply system. 2,348,113; May 2.
Davis, Walwin L., Avon, assignor to E. D. McCurdy, Cleveland, Ohio, as trustee. Rotary pump. 2,353,015; July 4.
Davis, Warren H. (See Cardini, G., and Davis.)
Davis, Wells L. (See Dreese, E. E., Evans, and Davis.)
Davis, Willis G., Pompton Plains, N. J., assignor to Ascote, Inc., Garwood, N. J. Apparatus for coating or saturating materials. 2,355,278; Aug. 8.
Davison Chemical Corporation, The. (See Shoeld, Mark, assignor.)
Davison, Gordon W. (See Phinney, R. M., and Davison.)
Davison, Robert L., New York, N. Y. Building construction. 2,351,015; June 13.
Davison, Robert L., assignor to John B. Pierce Foundation, New York, N. Y. Building construction. 2,359,304; Oct. 3.
Davol Rubber Company. (See Raiche, Paul A., assignor.)
Dawe, Albert J. (See Wilms, G. O., and Dawe.)
Dawes, Chester L., trustee, et al. (See Mansfield, W. R., and Hughes, assignors.)
Dawson, Albert J., assignor to Dravo Corporation, Pittsburgh, Pa. Auxiliary rudder for stern wheel vessels. 2,344,236; Mar. 14.
Dawson, Charles E., Holyoke, and L. H. Gustafson, assignors to Pro-phy-lac-tic Brush Company, Northampton, Mass. Brush. 2,360,829; Oct. 24.
Dawson, Fred, West Roxbury, assignor to Compo Shoe Machinery Corporation, Boston, Mass. Shoe Press. 2,348,060; May 2.
Dawson, Fred, West Roxbury, assignor to Compo Shoe Machinery Corporation, Boston, Mass. Shoe press. 2,349,068; May 16.
Dawson, Fred, West Roxbury, assignor to Compo Shoe Machinery Corporation, Boston, Mass. Manufacture of footwear. 2,352,520; June 27.
Dawson, George A. (See Middleton, E. B., and Dawson.)
Dawson, James C., Jr., Kirkwood, Mo. Binding post. 2,362,118; Nov. 7.
Dawson, John H., Rockville, Md. Game. 2,340,649; Feb. 1.
Dawson, John W., West Newton, assignor to Raytheon Manfacturing Company, Newton, Mass. Electrical control system. 2,356,633; Aug. 15.
Dawson, Reginald D., Berkeley, and C. F. Blankenhorn, Oakland, assignors to Shell Development Company, San Francisco, Calif. Nonaqueous drilling fluid. 2,350,154; May 30.
Dawson, Walter R., Portland, Oreg. Corrugated neck roll. 2,363,656; Nov. 28.
Dawson, William H. (See Eade, S. R., and Dawson.)
Day, Alfred C., Redfern, near Sydney, New South Wales, Australia. Method of and machine for producing hairpins. 2,339,462; Jan. 18.
Day, Ballard, et al. (See Day, Phillip E., assignor.)
Day-Brite Lighting, Inc. (See Biller, David J., assignor.)
Day-Brite Lighting, Inc. (See King, Harry C., assignor.)
Day, George G., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Calcium hypochlorite. 2,347,402; Apr. 25.
Day, George G., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Manufacture of $MgCl_2$. 2,359,829; Oct. 10.
Day, Glenn K., Washington, D. C. Drill bushing. 2,353,295; July 11.
Day, Harold M. (See Jayne, D. W., Jr., and Day.)
Day, Harold M. (See Jayne, D. W., Jr., Day, and Erickson.)
Day, Harold M. (See Jayne, D. W., Jr., Day, and Gieskeke.)
Day, Herbert O., Bowling Green, Ohio. Mobile loading equipment. 2,353,655; July 18.
Day, Herbert O., Bowling Green, Ohio. Mobile loading apparatus. 2,360,654; Oct. 17.
Day, Jabe, Courtenay, British Columbia, Canada. Chain saw teeth. 2,351,112; June 13.
Day, James R. (See Moschel, H., and Day.)
Day, Morgan R., North Scituate, assignor to Dewey and Almy Chemical Company, North Cambridge, Mass. Decoy. 2,339,983; Jan. 25.
Day, Percy C., Brookfield, assignor to The Falk Corporation, Milwaukee, Wis. Geared power transmission. 2,345,733; Apr. 4.
Day, Phillip E., Alhambra, assignor of one-third to F. A. Anthony, and one-third to B. Day, Los Angeles, Calif. Synchronizing system. 2,344,029; Mar. 14.
Day, Ralph K. (See Littleton, J. T., and Day.)
Day, Roland B., and E. R. Kanhofer, assignors to Universal Oil Products Company, Chicago, Ill. Hydrocarbon conversion. 2,339,915; Jan. 25.
Day, Roland B., and E. R. Kanhofer, assignors to Universal Oil Products Company, Chicago, Ill. Hydrocarbon conversion. 2,339,916; Jan. 25.
Day, Roland B., and E. R. Kanhofer, assignors to Universal Oil Products Company, Chicago, Ill. Hydrocarbon conversion process. 2,339,917; Jan. 25.
Day, Roland B., and E. R. Kanhofer, assignors to Universal Oil Products Company, Chicago, Ill. Hydrocarbon conversion. 2,341,269; Feb. 8.
Day, Roland B., and E. R. Kanhofer, assignors to Universal Oil Products Company, Chicago, Ill. Hydrocarbon conversion. 2,344,290; Mar. 14.
Day, Roland B., and E. R. Kanhofer, assignors to Universal Oil Products Company, Chicago, Ill. Catalytic reforming. 2,349,812; May 30.
Day, William F., Denver, Colo. Power turret. 2,361,385; Oct. 31.
Dayton Liquid Meter Co., The. (See Houser, J. E., Hancock, and Rowe, assignors.)
Dayton, Max E., assignor of one-half to Bay St. John, Rockford, Ill. Coupler. 2,347,033; Apr. 18.
Dayton Pump and Manufacturing Company, The. (See Bench, D. E., and Crosby, assignor.)
Dayton Pump and Manufacturing Company, The. (See Eickmeyer, E. E., and Horvath, assignors.)
Dayton Pump & Mfg. Company, The. (See Horvath, Anthony G., assignor.)
Dayton Rogers Manufacturing Co. (See Aske, Leonard E., assignor.)
Dayton Rogers Manufacturing Co. (See Peterson, Roswald, assignor.)
Dayton Rubber Manufacturing Company, The. (See Bacon, Henry M., assignor.)
Dayton Rubber Manufacturing Company, The. (See Kremer, E. H., and Kenney, assignors.)
Dayton Rubber Mfg. Company, The. (See Reiling, Victor G., assignor.)
Dayton Rubber Manufacturing Company, The (See Rittsert, Norman J., assignor.)
Dayton Rubber Manufacturing Company, The. (See Rockoff, Joseph, assignor.)
Dayton Steel Foundry Company, The. (See Miller, Elmer L., assignor.)
Dayton Steel Foundry Company, The. (See Walther, G., and Miller, assignors.)
Dayton, Victor. (See Farber, E., Dayton, and Wallerstein.)
Dazey Churn & Manufacturing Co. Inc. (See Mueller, W. F., and Kublin, assignors.)
Deacon, William H., Melrose Park, Ill. Power saw. 2,348,612; May 9.
Deakin, Gerald, assignor to International Standard Electric Corporation, New York, N. Y. Nonnumerical hunting switch. 2,339,063; Jan. 11.
Deakin, Gerald, assignor to International Standard Electric Corporation, New York, N. Y. Telephone cord connecting block. 2,344,766; Mar. 21.
Deakin, Gerald, assignor to International Standard Electric Corporation, New York, N. Y. Service meter and relay for telecommunication systems. 2,346,910; Apr. 18.
Deakin, Gerald, assignor to International Standard Electric Corporation, New York, N. Y. Line selector switch. 2,346,911; Apr. 18.
Deakin, Gerald, assignor to International Standard Electric Corporation, New York, N. Y. Clutch for telecommunication selector switches. 2,346,912; Apr. 18.
Deakin, Gerald, assignor to International Standard Electric Corporation, New York, N. Y. Electrical control system. 2,351,016; June 13.
Deakin, Gerald, New York, and T. H. Clark, Great River, assignors to International Standard Electric Corporation, New York, N. Y. Electronic control for telecommunication selector switches. 2,339,684; Jan. 18.
Deakin, Gerald, New York, N. Y., and H. F. Herbig, Madison, N. J., assignors to International Standard Electric Corporation, New York, N. Y. Electric selection controlling circuit. 2,354,667; Aug. 1.
Deakin, Gerald, New York, N. Y., and H. F. Herbig, Madison, N. J., assignors to International Standard Electric Corporation, New York, N. Y. Electric selection controlling circuit. 2,354,668; Aug. 1.
Deal, Erastus C., Wilkes-Barre, Pa., assignor to Deal Slide-Lock Devices, Inc., Bronx, N. Y. Mechanical adjuster. 2,350,155; May 30.
Deal, Harmon B., Glen Ridge, N. J., assignor to Radio Corporation of America. Remote control system. 2,340,798; Feb. 1.
Deal, Harmon B. Glen Ridge, N. J., assignor to Radio Corporation of America. Gas tube relay circuits. 2,349,849; May 30.
Deal, Harmon B., Glen Ridge, N. J., assignor to Radio Corporation of America. Multiple frequency source. 2,354,800; Aug. 1.
Deal Slide-Lock Devices, Inc. (See Deal, Erastus C., assignor.)
Deam, Arthur A., Independence, Mo., and G. R. Eckstein, assignors to Remington Arms Company, Inc., Bridgeport, Conn. Hydraulic testing machine and testing. 2,341,270; Feb. 8.
Dean, Albert G., Narberth, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Side sill construction for rail car bodies. 2,354,852; Aug. 1.
Dean, Francis H. (See Schreiber, J. H., and Dean.)
Dean, Glen C., Loyall, assignor of one-half to J. S. Greene, Harlan, Ky. Drier for electric refrigerators. 2,365,526; Dec. 19.
Dean, John C. (See Sudholz, L. H., and Dean.)

Dean, Reginald S., Salt Lake City, Utah, assignor to Chicago Development Company, Chicago, Ill. High resistance element and producing the same. 2,340,867; Feb. 8.

Dean, Reginald S., Salt Lake City, Utah, assignor to Chicago Development Company, Chicago, Ill. Control member. 2,349,577; May 23.

Dean, Reginald S., Washington, D. C., and C. T. Anderson, Pittsburgh, Pa., assignors to Chicago Development Company, Chicago, Ill. Manganese nickel alloys. 2,339,252; Jan. 18.

Dean, Reginald S., and C. T. Anderson, Salt Lake City, Utah, assignors to Chicago Development Company, Chicago, Ill. Alloys. 2,348,207; May 9.

Dean, Roy H., assignor to Ternstadt Manufacturing Company, Detroit, Mich. Door handle assembly. 2,341,908; Feb. 15.

Dean, Roy H., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Combined door hinge and hold open. 2,342,531; Feb. 22.

Dean, Roy H., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Door handle assembly. 2,356,658; Aug. 22.

Dean, Roy H., and F. A. Cooley, Detroit, and H. L. Kegler, Monroe, assignors to Ternstedt Manufacturing Company, Detroit, Mich. Emergency release for window regulators. 2,350,156; May 30.

Dean, Russell G., Los Angeles, Calif. Compressor for piston rings and the like. 2,345,555; Apr. 4.

Dean, Russell T., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Vulcanization of rubber. 2,340,650; Feb. 1.

Dean, Russell T., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Dithiocarbamic acid derivative. 2,343,332; Feb. 22.

Dean, Russell T., Stamford, and E. O. Hook, Darien, Conn., assignors to American Cyanamid Company, New York, N. Y. Production of succinic acids. 2,351,667; June 20.

Dean, Russell T., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Plasticizers for rubber. 2,356,388; Aug. 22.

Dean, William F., and F. M. Brooks, Pasadena, Calif. Meter box. 2,350,018; May 30.

Dean, William T., Gary, Ind. Pickling tank lining. 2,347,891; May 2.

Deane, Henry N., and A. E. Rockwood, assignors to Simplex Time Recorder Co., Gardner, Mass. Type wheels and driving mechanism therefor. 2,355,514; Aug. 8.

Deane, Henry N., and J. A. Dell, assignors to Simplex Time Recorder Co., Gardner, Mass. Tape time recorder with differentiated records. 2,359,207; Sept. 26.

Deane, Herbert H. B., Edgbaston, Birmingham, England. Resilient wheel. 2,347,466; Apr. 25.

Deans, Frederick E. (See Brooksby, E., and Deans.)

Deanesly, Richard M., Berkeley, and A. Wachter, assignors to Shell Development Company, San Francisco, Calif. Hydrocarbon mixture. 2,342,074; Feb. 15.

Deanesly, Richard M., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Distillation process. 2,360,655; Oct. 17.

De Anguera, Eva. (See de Anguera, Philip, assignor.)

De Anguera, Philip, Norwood, Ohio, assignor to E. de Anguera. Multiple drilling device. 2,357,728; Sept. 5.

Dearborn Chemical Company. (See Converse, Earl M., assignor.)

Dearborn Chemical Company. (See Denman, Wayne L., assignor.)

Dearborn Chemical Company. (See Hinsch, Walter H., assignor.)

Dearborn Chemical Company. (See Stone, Blair H., assignor.)

Dearborn, Frederick E., Washington, D. C. Nicotine-basic metallic salt insecticides and making them. 2,360,042; Oct. 10.

Dearing, William C., Toledo, Ohio, assignor, by mesne assignments, to Libbey-Owens-Ford Glass Company. Delayed-acting hardener for formaldehyde-urea adhesives. 2,348,244; May 9.

Dearing, William C., and L. S. Meyer, Toledo, Ohio, assignor, by mesne assignments, to Libbey-Owens-Ford Glass Company. Production of sand cores. 2,358,002; Sept. 12.

Dearsley, George. (See Harris, R. W., and Dearsley.)

De Back, William, assignor to Chisholm-Ryder Company, Incorporated, Niagara Falls, N. Y. Can conveying and transfer apparatus. 2,344,975; Mar. 28.

De Bary, Alberto, Buenos Aires, Argentina. Filter for cigar- and cigarette-holders. 2,344,342; Mar. 14.

De Beaubien, William J. (See Schutt, A. J., and de Beaubien.)

De Beaumont, Pierre S., Grosse Pointe, assignor to Packard Motor Car Company, Detroit, Mich. Indicating system. 2,351,408; June 13.

De Becker Remy, Marc, Detroit, Mich. Plastic compound. 2,351,149; June 13.

Decker, Gerard Q., 3rd, Yeadon, Pa., assignor to E. I. du Pont de Nemours Company, Wilmington, Del. Finishing system. 2,363,658; Nov. 28.

Decker, Sol, Chicago, Ill., assignor to Setter Bros. Inc., Cattaraugus, N. Y. Confection stick. 2,363,503; Nov. 28.

Deep Wells, Inc. (See Lindgren, Robert M., assignor.)

De Beer, Edwin J. (See Baltzly, R., de Beer, and Buck.)

De Bell, John M., Long Meadow, Mass., assignor to Hercules Powder Company, Wilmington, Del. Shellac substitute. 2,359,972; Oct. 10.

De Berg, Walter G., Jr., Westwood, N. J. Molding apparatus. 2,357,879; Sept. 12.

De Bilzux, Earl V., Pittsfield, Mass., assignor to General Electric Company. Electric apparatus. 2,339,625; Jan. 18.

De Boer, Christian, Ashton, assignor to Engineering and Research Corporation, Riverdale, Md. Structural member and making same. 2,355,707; Aug. 15.

De Boer, Jan H., E. J. W. Verwey, and M. G. Van Bruggen, Eindhoven, Netherlands, assignors, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Making thin-wall insulators. 2,339,003; Jan. 11.

De Boer, Kornelis, and J. F. Schouten, Eindhoven, Netherlands; vested in the Alien Property Custodian. Device for the stereophonic registration, transmission, and reproduction of sounds. 2,352,696; July 4.

De Bold, Charles F., Hillsdale, N. J., assignor to General Electric Company. Method and apparatus for basing electrical devices. 2,342,041; Feb. 15.

De Bretteville, Gustav, Venice, Calif. Method and apparatus for treating crude oil. 2,347,877; May 2.

Debs, Victor, New York, N. Y. Device for the three-dimensional representation of buildings and other physical objects. 2,351,931; June 20.

De Castro, Arthur, Newark, assignor to National Oil Products Company, Harrison, N. J. Mercerising penetrant. 2,345,036; Mar. 28.

De Camp, Alfred J., Molina, Colo. Parachute and aircraft projectile. 2,347,994; May 2.

De Cazenave, Maria L. T., Buenos Aires, Argentina. Combustion lamp. 2,349,079; May 16.

Dechar, Edouard, New York, N. Y. Bottle carrier. 2,359,539; Oct. 3.

Decher, Siegfried. (See Franz, A., and Decher.)

Deck, Arthur D., Winchester, assignor to Wesco Waterpaints Incorporated, East Boston, Mass. Apparatus for compacting powdered solid materials. 2,349,080; May 16.

Deck, Elbe W. (See Young, L. W., and Deck.)

Deckel, Hans C., Munich-Solln., E. Maurer, and F. X. Stömmer, Munich, Germany; vested in the Alien Property Custodian. Shutter. 2,351,932; June 20.

Decker, Alonzo G., Baltimore, Md., assignor to The Black and Decker Manufacturing Company. Oscillating sander. 2,350,098; May 30.

Decker, Ammiel F., assignor to Decker Products Co., Pelham, N. Y. Exhaust system. 2,358,690; Sept. 19.

Decker, George A., Sioux Falls, S. Dak. Smoking pipe. 2,343,003; Feb. 29.

Decker, Jacob, assignor to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Feed mechanism for grinding machines. 2,365,059; Dec. 12.

Decker, John A., Bayonne, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Article handling machine. 2,350,273; May 30.

Decker, Josef B., and M. Eichschmidt, assignors to Triumph Explosives, Inc., Elkton, Md. Demolition grenade. 2,356,389; Aug. 22.

Decker Products Co. (See Decker, Ammiel F., assignor.)

Decker, William E., New York, N. Y. Treated turpentine composition. 2,338,802; Jan. 11.

Decker, William W., and C. G. Schnibben, Chicago, Ill. Transferring printed matter. 2,351,933; June 20.

Deckert, Clarence A., Jackson Heights, N. Y. Bed pan. 2,359,830; Oct. 10.

De Cosmo, Michael, Oakland, assignor to A. M. Norza, San Francisco, Calif. Pouring spout. 2,344,680; Mar. 21.

Decorated Metal Manufacturing Company. (See Atwood, Rawson, assignor.)

De Costa, Harry J., and J. Obermaier, Chicago, Ill. Flood control means. 2,347,544; Apr. 25.

De Craene, Edmond P. (See Fennema, R., De Craene, Dopp, and Venton.)

Dedona, Henry J., Buffalo, N. Y. Tool for riveting, perforating, and like operations. 2,360,111; Oct. 10.

Dedrick, Charles H. (See Baker, C. L., and Dedrick.)

Dee, Dorothy L., administratrix. (See Dee, Raiemond E.)

Dee, Herbert C., Chicago, Ill. Bending grainless lignocelluiose fiberboard. 2,338,685; Jan. 4.

Dee, Raiemond E., deceased, by D. L. Dee, administratrix, New York, N. Y. Bomb stabilising means. 2,364,197; Dec. 5.

Deere & Company. (See Anderson, R. L., Arnold, and Paradise, assignors.)

Deere & Company. (See Andrews, N. F., and Dort, assignors.)

Deere & Company. (See Brown, Theophilus, assignor.)

Deere & Company. (See Brown, T., and Court, assignors.)

Deere & Company. (See Brown, T., and Martens, assignors.)

Deere & Company. (See Coultas, W. J., and Johnson, assignors.)

Deere & Company. (See Court, Frank T., assignor.)

Deere & Company. (See Drennan, Orville F., assignor.)

Deere & Company. (See Hill, Stanley E., assignor.)

Deere & Company. (See Korum, Henry E., assignor.)

Deere & Company. (See Martin, Floyd R., assignor.)

Deere & Company. (See Maxon, I. D., Sklovsky, and Nordenson, assignors.)

Deere & Company. (See Neighbour, L. B., Court, and Haverstick, assignors.)

Deere & Company. (See Oehler, Alvin W., assignor.)

Deere & Company. (See Oehler, A. W., Adams, and Harter, assignors.)

Deere & Company. (See Paradise, Louis A., assignor.)

Deere & Company. (See Paradise, L. A., Coultas, and Dort, assignors.)

Deere & Company. (See Paradise, L. A., and Coultas, assignors.)

Deere & Company. (See Paradise, L. A., Irwin, and Martin, assignors.)

Deere & Company. (See Silver, Walter H., assignor.)

Deere & Company. (See Strandlund, Carl G., assignor.)

Deere & Company. (See Stueland, Harold M., assignor.)

Deere & Company. (See Thompson, Hjalmar C., assignor.)

Deere & Company. (See White, Charles H., assignor.)

Deere, John, Tractor Company. (See Johnson, Jay D., assignor.)

Deere, John, Tractor Company. (See McCormick, E., and Hansen, assignors.)

Deeren, Kemp K., Streator, Ill., assignor to Owens-Illinois Glass Company. Gauging apparatus. 2,353,813; July 18.

De Falco, Mario, Rome, Italy; vested in the Alien Property Custodian. Change-speed gear. 2,338,413; Jan. 4.

Defender Photo Supply Co. (See Hineline, B. C., and Knoepke, assignors.)

Defender Photo Supply Co. (See Potter, R. S., and Centa, assignors.)

Defiance Machine Works, Inc. (See Snyder, Willis J., assignor.)

Defiore, Leopold, Youngstown, Ohio, assignor to The Youngstown Sheet and Tube Company. Apparatus for coating pipe. 2,348,714; May 16.

De Figué, Wladimir, Paris, France; vested in the Alien Property Custodian. Separator. 2,361,758; Oct. 31.

De Florez, Luis, Pomfret, Conn., and J. W. Gray, Lambertville, assignors to Gasoline Products Company, Inc., Jersey City, N. J. Cracking hydrocarbon oils. 2,345,558; Apr. 4.

De Florez, Luis, U. S. Navy. Airplane visualising device. 2,361,929; Nov. 7.

De Forest, Alfred V. (See De Forest, Taber and A. V.)

De Forest, Alfred V., Marlboro, N. H., and F. B. Doane, Wilmette, assignors to Magnaflux Corporation, Chicago, Ill. Permanent magnet. 2,353,550; July 11.

De Forest, Taber, assignor to Magnaflux Corporation, Chicago, Ill. Testing rigid articles for flaws. 2,340,940; Feb. 8.

De Forest, Taber, Chicago, Ill., and A. V. de Forest, Marlboro, N. H., assignors to Magnaflux Corporation, Chicago, Ill. Testing materials. 2,365,253; Dec. 19.

De France, Henri, Lyon, France; vested in the Alien Property Custodian. Television method and system. 2,356,568; Aug. 22.

De Fries, Walter, Pittsburgh, Pa., assignor to Fort Pitt Bedding Company. Berth assembly for vehicles. 2,357,729; Sept. 5.

De Ganahl, Carl, Trenton, N. J., assignor, by mesne assignments, to Reconstruction Finance Corporation. Hydraulic actuating mechanism. 2,345,531; Mar. 28.

Deger, Thomas E. (See Olin, J. F., and Deger.)

De Ghetto, Anselm, Clifton, N. J., assignor to National Rubber Machinery Company, Akron, Ohio. Composite loom. 2,364,276; Dec. 5.

De Giacomoni, Paul M. J. S., Paris, France; vested in the Alien Property Custodian. Transition between couplings of direct-current motors. 2,354,002; July 18.

De Giacomoni, Paul M. J. S., Paris, France; vested in the Alien Property Custodian. Motor control system. 2,360,766; Oct. 17.

De Gier, Johannes, Eindhoven, Netherlands; vested in the Alien Property Custodian. Cathode ray tube system. 2,341,764; Feb. 15.

De Giers, Clarence A., Forest Hills, assignor to The Liquidometer Corporation, Long Island City, N. Y. Safety device for instruments. 2,345,464; Mar. 28.

De Giers, Clarence A., Forest Hills, and A. Wickesser, St. Albans, assignors to The Liquidometer Corporation, Long Island City, N. Y. Heater control. 2,351,668; June 20.

De Giers, Clarence A., Forest Hills, assignor to The Liquidometer Corporation, Long Island City, N. Y. Warning light and test button. 2,355,149; Aug. 8.

De Giers, Clarence A., Forest Hills, assignor to The Liquidometer Corporation, Long Island City, N. Y. Indicating instrument and scale adjustments therefor. 2,358,910; Sept. 26.

Degnen, William J., Cranford, H. M. Neily, Jr., Jersey City, and P. C. Keith, Jr., Peapack, N. J., assignors to The M. W. Kellogg Company, New York, N. Y. Converting hydrocarbon oils. 2,350,730; June 6.

Degner, Charles F., Chicago, Ill. Rotary kiln for extraction of mercury from its ores. 2,348,673; May 9.

De Golyer, Anthony G., Old Greenwich, assignor to L. A. Janney, Stamford, Conn., as trustee. Alloys for cutting tools. 2,363,947; Nov. 28.

De Graaf, Jacob E., Eindhoven, Netherlands, assignor, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., trustee. Vacuum vessel. 2,361,897; Oct. 31.

De Gray, Jeremiah, Milwaukee, Wis. Trouser hanger. 2,344,604; Mar. 21.

De Gray, William G., assignor to Bell Aircraft Corporation, Buffalo, N. Y. Spot welding method. 2,345,037; Mar. 28.

De Groote, Melvin. (See Wells, D. H., and De Groote.)

De Groote, Melvin, University City, Mo., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,342,648; Feb. 29.

De Groote, Melvin, University City, Mo., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,342,649; Feb. 29.

De Groote, Melvin, University City, Mo., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,342,650; Feb. 29.

De Groote, Melvin, University City, Mo., assignor, by mesne assignments, to Petrolite Corporation, Ltd. Salts of certain methylene diamines with certain petroleum sulphonic acids. 2,344,539; Mar. 21.

De Groote, Melvin, University City, B. Keiser, Webster Groves, and A. F. Wirtel, Kirkwood, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,340,305; Feb. 1.

De Groote, Melvin, University City, B. Keiser, Webster Groves, and A. F. Wirtel, Kirkwood, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,340,306; Feb. 1.

De Groote, Melvin, University City, B. Keiser, Webster Groves, and A. F. Wirtel, Kirkwood, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,340,307; Feb. 1.

De Groote, Melvin, University City, B. Keiser, Webster Groves, and A. F. Wirtel, Kirkwood, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,340,308; Feb. 1.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,344,976; Mar. 28.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,344,977; Mar. 28.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,344,978; Mar. 28.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,344,979; Mar. 28.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,344,980; Mar. 28.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Quarternary ammonium compound and making same. 2,348,613; May 9.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,351,017; June 13.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,351,018; June 13.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,353,694; July 18.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,353,695; July 18.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,353,696; July 18.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,353,697; July 18.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,353,698; July 18.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,353,699; July 18.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,353,700; July 18.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,353,701; July 18.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,353,702; July 18.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,353,703; July 18.
De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,353,704; July 18.
De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,353,705; July 18.
De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,353,706; July 18.
De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,353,707; July 18.
De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,353,708; July 18.
De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,353,709; July 18.
De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,353,710; July 18.
De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,353,711; July 18.
De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation Ltd., Wilmington, Del. Manufacturing certain acylated polyamino ethers. 2,354,578; July 25.
De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation Ltd., Wilmington, Del. Manufacturing certain acylated polyamino ethers. 2,354,579; July 25.
De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation Ltd., Wilmington, Del. Manufacturing certain acylated polyamino ethers. 2,354,580; July 25.
De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Composition of matter and making same. 2,357,933; Sept. 12.
De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Composition of matter and making same. 2,357,934; Sept. 12.
De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Composition of matter and making same. 2,357,935; Sept. 12.
De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Composition of matter and making same. 2,357,936; Sept. 12.
De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Composition of matter and making same. 2,357,937; Sept. 12.
De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,360,853; Oct. 24.
De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Certain water-solnble high molal oxyalkylated esters. 2,363,045; Nov. 21.
De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Certain water-soluble high molal oxyalkylated esters. 2,363,046; Nov. 21.
De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Certain water-soluble high molal oxyalkylated esters and making same. 2,363,047; Nov. 21.
De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Certain water-soluble high molal oxyalkylated esters and making same. 2,363,048; Nov. 21.
De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Certain water-soluble high molal oxyalkylated esters and making same. 2,363,049; Nov. 21.
De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,363,504; Nov. 28.
De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,363,505; Nov. 28.
De Groote, Melvin, University City, B. Keiser, Webster Groves, and A. F. Wirtel, Kirkwood, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,363,506; Nov. 28.
De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Subresinous acylated polyamine. 2,364,779; Dec. 12.
De Haes, Jerome, assignor of one-half to A. S. Maleckl, Chicago, Ill. Cooking timer. 2,344,853; Mar. 21.
De Havilland Aircraft Company Limited, The. (See Thomas, Frederick M., assignor.)
De Hertelendy, Andor, Paris, France; vested in the Alien Property Custodian. Aerial mine. 2,342,793; Feb. 29.
Dehle, Otto T. Long Island City, N. Y. Washing machine. 2,358,691; Sept. 19.
Dehn, Joseph W., Great Neck, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,355,207; Aug. 8.
Dehn, Joseph W., Great Neck, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,355,908; Aug. 15.
De Huff, Paul, Los Angeles, Calif. Rafter seat. 2,354,801; Aug. 1.
Deibel, Cyril P., Lakewood, Ohio. Universal terminal. 2,359,468; Oct. 3.
Deibel, George F., Jr. (See Rockwood, D. R., and Deibel.)
Deichmann, Walter. (See Gilbert, H. W., Deichmann, and Frei.)
Deimel, Albert H. (See Peterson, Carl D., assignor.)
Deimel, Albert H. (See Peterson, C. D., and Deimel.)
Deinet, Joseph. (See Perkins, M. A., and Deinet.)
Deinet, Joseph. (See Wuertz, A. J., and Deinet.)
Deitz, Louis S., Jr., Westfield, N. J., assignor to Nassau Smelting & Refining Company, Incorporated, New York, N. Y. Smelting tin-containing materials. 2,355,515; Aug. 8.
Deits, Stephen J., assignor to United Cinephone Corporation, Torrington, Conn. Spooling mechanism and motor control circuit. 2,354,185; July 25.
De Jong, Jack, New York, N. Y. Arm joint for dolls. 2,354,581; July 25.
De Kadt, Louis, Amsterdam, Netherlands; vested in the Alien Property Custodian. Package for fluids. 2,341,601; Feb. 15.
De Király, Paul, and J. Kucher, Budapest, Hungary; vested in the Alien Property Custodian. Breech mechanism for automatic firearms. 2,348,790; May 16.
Dekker, C. E., et al., executors. (See Schen, William C.)
De Kramolin, Ladislas, Berlin-Kladow, Germany; vested in the Alien Property Custodian. Selectivity apparatus. 2,351,934; June 20.
Delahan, Edward H., and A. G. Frojd, Rockford, assignors to Borg-Warner Corporation, Chicago, Ill. Seat facing machine. 2,356,226; Aug. 22.
Delahunty, Frank H. (See Scully, S. C., and Delahunty.)
Delalande, Paul J. M. R., assignor to United States Ordnance Company, Washington, D. C. Floating mine. 2,362,192; Nov. 7.
De Lamatter, William W., and P. H. Hume, Lakewood, Ohio, assignors to The American Steel and Wire Company of New Jersey. Powder metallurgy. 2,363,575; Nov. 28.
Delamere Company Inc. (See Huppert, William, assignor.)
De Lancey, Ralph W., assignor to The Miller Company, Meriden, Conn. Fuel feed control. 2,338,319; Jan. 4.
De Lancey, Ralph W., assignor to The Miller Company, Meriden, Conn. Liquid fuel stove. 2,344,291; Mar. 14.
De Lancey, Ralph W., Meriden, Conn., assignor to The Miller Company. Fuel control valve. 2,359,024; Sept. 26.
De Lancey, Warren H., Springfield, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Liquid dispensing apparatus. 2,341,532; Feb. 15.
De Lancey, Warren H., Springfield, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Liquid dispensing apparatus. 2,358,629; Sept. 19.
De Lancey, Warren H., Springfield, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Clutch. 2,361,678; Oct. 31.
De Lancey, Warren H., Springfield, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Fluid meter. 2,362,541; Nov. 14.
De Lancey, Warren H., Springfield, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Variable-speed driving mechanism. 2,362,542; Nov. 14.
De Lancey, Warren H., assignor to Gilbert & Barker Manufacturing Company, Springfield, Mass. Oil burner. 2,364,132; Dec. 5.
De Laney, William W., Marshallton, assignor to Hercules Powder Company, Wilmington, Del. Asphaltic emulsion. 2,350,548; June 6.
De Lange, Cornelis, and C. L. Boucher, Eindhoven, Netherlands; vested in the Alien Property Custodian. Blocking layer cell unit. 2,338,907; Jan. 11.
De Lange, Cornelis, and C. L. Boucher, Eindhoven, Netherlands; vested in the Alien Property Custodian. Blocking-layer rectifier comprising a cooling plate. 2,345,038; Mar. 28.

Delano, Chauncey L. (See Smiley, G., and Delano.)
De Lano, Frank A., Los Angeles, Calif. Coupling. 2,362,686; Nov. 14.
De Lanty, Loren J., Spring Valley, N. Y., assignor to Sperry Products, Inc., Hoboken, N. J. Tube tester. 2,346,830; Apr. 18.
De la Rosa, Frank. (See Smith, J. R., Jr., and De la Rosa.)
De la Roza, Joaquin J., Sr., New York, N. Y. Seal joint. 2,364,133; Dec. 5.
De Lassus Saint Genies, Anne H. J., Versailles, France; vested in the Alien Property Custodian. Color film. 2,351,019; June 13.
De la Torre, Miguel, New Haven, Conn., assignor, by mesne assignments, to Battery Company, Chicago, Ill. Engraving tool. 2,346,474; Apr. 11.
De Laval Separator Company, The. (See Lindgren, Hans O., assignor.)
De Laval Separator Company, The. (See Ruda, G. W., and Zachariassen, assignors.)
De Laval Separator Company, The. (See Scott, Walter A., assignor.)
Delaware Engineering Corporation. (See Simpson, George L., assignor.)
Delay, Albert, Orlando, Fla. Vacuum fruit juice extractor. 2,346,561; Apr. 11.
Del Camp, Scipione M., Maywood, assignor to Cinch Manufacturing Corporation, Chicago, Ill. Radio and like tube socket and shield means. 2,358,491; Sept. 19.
Delfoe, Edward F., and J. M. Williams, Brooklyn, N. Y. Spray device. 2,364,059; Dec. 5.
De Lin Martin, assignor to Holland Furnace Company, Holland, Mich. Thyere structure. 2,347,594; Apr. 25.
De Lisle, Francis A., Albion, Ind., assignor to G. B. Finnegan, Jr., trustee, Mountain Lakes, N. J. Filter. Re. 22,520; July 25.
De Lisle, Harry, deceased. (See Nash, James.)
Dell, Frank C., assignor to Autopoint Company, Chicago, Ill. Mechanical pencil and making same. 2,356,509; Aug. 22.
Dell, Edward F. (See Davidson, W. W., and Dell.)
Dell, James A. (See Deane, H. N., and Dell.)
Della Corte, Joseph P. (See Kubert, E. J., and Della Corte.)
Dellinger Manufacturing Company. (See Dellinger, P. C., and Sensenig, assignors.)
Dellinger, Paul C., and M. L. Sensenig, assignors to Dellinger Manufacturing Company, Lancaster, Pa. Saw attachment for tractors. 2,350,880; June 6.
Delman, Herman B. (See Sabo, Louis, assignor.)
Delman, Herman B. (See Sutcliffe, Harry L., assignor.)
Del Mar, Harry, New York, N. Y. Hot water storage tank. 2,341,365; Feb. 8.
Delmhorst, William J., Jersey City, assignor to Measurements Corporation, Boonton, N. J. Apparatus for testing moisture content in granular material. 2,359,831; Oct. 10.
Deloghia, Louis E., Agawam, assignor to Perkins Machine and Gear Company, West Springfield, Mass. Handling device. 2,344,940; Mar. 28.
De Long, Herbert K., assignor to The Dow Chemical Company, Midland, Mich. Removing carbonized oil residue from magnesium articles. 2,346,562; Apr. 11.
Deloraine, Edmond M., assignor to International Standard Electric Corporation, New York, N. Y. Printing telegraph system. 2,365,458; Dec. 19.
Delp, Myers Z., South Bend, Ind., and L. A. McCormick, Niles, Mich., assignors to The Studebaker Corporation, South Bend, Ind. Bumper. 2,356,979; Aug. 29.
Delph, Edwin W., New Orleans, La. Combination clip and its removing tool. 2,341,924; Feb. 8.
Del Prato, Cesare, Naples, Italy; vested in the Alien Property Custodian. Percussion fuse. 2,359,752; Oct. 10.
Del Prato, Cesare, Naples, Italy; vested in the Alien Property Custodian. Percussion cap safety device for percussion fuses. 2,360,043; Oct. 10.
Delta Manufacturing Company. (See Tautz, Herbert E., assignor.)
Delta Manufacturing Company. (See Wiken, Christy A., assignor.)
Delta Nozzle Corp. (See Lewis, John O., assignor.)
Delta Star Electric Company, The. (See Hampton, Weldon O., assignor.)
Deltox Rug Company. (See Case, Willard T., assignor.)
De Lubicz-Bakanowski, Zygmunt, F. J. Minns, and G. W. G. Norman, assignors to The Swift Rifle Company Limited, Oxford, England. Musketry training device. 2,349,615; May 23
Delucchi, Anthony W., and H. A. Stagnaro, Stockton, Calif. Merchandise conveying system for self-help stores. 2,365,708; Aug. 15.
De Luxe Products Corporation. (See Bentley, Cecil N., assignor.)
De Luxe Products Corporation, The. (See Flint, Charles R., assignor.)
Del Valle, Guillermo A., Indianapolis, Ind., assignor to Radio Corporation of America. Film take-up. 2,343,961; Mar. 14.
De Maiditch, Roman, Montauk Point, N. Y. Pencil sharpener. 2,364,198; Dec. 5.
Demarest, George V. (See Lea, Peter A., assignor.)
De Mask, Martin J., Pittsfield, Mass., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Bus-duct and switch assembly. 2,361,179; Oct. 24.
Dement, Charles S., Maywood, Calif. Combination match book and emergency ash tray. 2,349,488; May 23.
De Mering, Boris S., Shreveport, La. Demulsifying agent. 2,363,838; Nov. 28.
Demetropoulos, John G., Milwaukee, Wis. Cable slicer. 2,353,128; July 11.
De Mezey, Albert, Edmonton, Alberta, Canada. Combination egg lifting and transferring device. 2,361,461; Oct. 31.
De Mian, Stanley, and C. E. Taylor, New York, N. Y., assignors to Gaylord Container Corporation, St. Louis, Mo. Container. 2,357,092; Aug. 29.
De Mian, Stanley, Teaneck, N. J., and C. E. Taylor, Harrison, N. Y., assignors to Gaylord Container Corporation, St. Louis, Mo. Container. 2,357,093; Aug. 29.
Deming Company, The. (See Shallenberg, Walter A., assignor.)
Deming, George M., Orange, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Pressure regulator. 2,338,760; Jan. 11.
Deming, Orville M. (See Tress, W. H., and Deming.)
De Mona, Joseph A., Warren Point, N. J. Surgical cast-supported finger exerciser. 2,353,129; July 11.
De Monte, Robert W., Glen Ridge, N. J., and L. E. Mllarta, Hollis, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Leakproof terminal structure. 2,356,831; Aug. 29.
De Motte, Maurice P., Indianapolis, Ind., assignor to The Linde Air Products Company. Transfer of volatile liquids. 2,346,253; Apr. 11.
De Motte, Maurice P., Indianapolis, Ind., assignor to Union Carbide and Carbon Corporation. Hydraulic back-pressure arrester. 2,352,256; June 27.
Dempsey, Henry J., Elizabeth, N. J., assignor to Standard Oil Development Company. Refining of mineral oil. 2,346,734; Apr. 18.
Dempsey, James R., San Francisco, Calif. Automobile signal. 2,344,854; Mar. 21.
Dempsey, Oscar E., Tulsa, Okla. Differential valve. 2,346,666; Apr. 18.
Dempster Mill Manufacturing Company. (See Elliott, William, assignor.)
Demuth, Charles, Jamaica, N. Y. Unit type air conditioning register. 2,363,839; Nov. 28.
De Napoli, Anthony C., Jr., Mount Vernon, assignor, by mesne assignments, to Films, Incorporated, New York, N. Y. Continuous film magazine. 2,363,403; Nov. 21.
Den Besten, Gerrit, Pella, Iowa. Safety release hitch. 2,339,463; Jan. 18.
Den Besten, Gilbert, and C. J. Klermund, Chicago, Ill. Electrically actuated operation-controlling device. 2,342,925; Feb. 29.
Den Besten, Gerrit, Pella, Iowa. Safety release hitch. 2,358,216; Sept. 12.
Den Besten, Gerrit, Zeeland, Mich. Cushion release hitch. 2,358,217; Sept. 12.
Dence, Donald S. (See Lapsley, R., and Dence.)
Dench, Edward C., South Orange, N. J., assignor to Interchemical Corporation, New York, N. Y. System for controlled intermittent illumination. 2,357,938; Sept. 12.
De Neffe, Helen M., et al. (See Houghtaling, Amer L., assignor.)
Denham, John J. (See Jurs, E. E., and Denham.)
Denhard, Harry W., assignor to Oliver United Filters Incorporated, Oakland, Calif. Filter. 2,363,840; Nov. 28.
Denington, Ralph F., Slough, England, assignor to Imperial Chemical Industries Limited. Protection of metal surfaces from corrosion. 2,359,407; Oct. 3.
Denisoff, Alexander C., and B. P. Scanlan, assignors to Simmonds Aerocessories Limited, London, England. Electric resistance element, more particularly of resistance thermometers. 2,349,614; May 23.
Denison Engineering Company, The. (See Denison, William C., Jr., assignor.)
Denison, George H., Jr. (See Farrington, B. B., Kostainsek, and Denison.)
Denison, George H., Jr., (See Gardiner, E. W., and Denison.)
Denison, George H., Jr., and P. C. Condit, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Compounded oil. 2,346,153; Apr. 11.
Denison, George H., Jr., and P. C. Condit, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Compounded hydrocarbon oil. 2,346,154; Apr. 11.
Denison, George H., Jr., and P. C. Condit, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Compounded oil. 2,346,155; Apr. 11.
Denison, George H., Jr., Berkeley, and A. C. Ettling, Richmond, assignors to Standard Oil Company of California, San Francisco, Calif. Metallo-organic compound and preparing same. 2,349,798; May 30.
Denison, James R. (See Gray, R. D., and Denison.)
Denison, Leon E., Richmond Heights, assignor to Brooks Paper Company, St. Louis, Mo. Container. 2,340,651; Feb. 1.

Denison, William C., Jr., assignor to The Denison Engineering Company, Columbus, Ohio. Hydraulic press. 2,362,054; Nov. 7.

Denman, Harry B., assignor to Detroit Gasket & Manufacturing Company, Detroit, Mich. Gasket. 2,342,647; Feb. 29.

Denman, Harry B., assignor to Detroit Gasket & Manufacturing Company, Detroit, Mich. Gasket. 2,360,830; Oct. 24.

Denman, Wayne L., Berwyn, assignor to Dearborn Chemical Company, Chicago, Ill. Treating waters and composition therefor. 2,363,921; Nov. 28.

Denman, Wayne L., Berwyn, assignor to Dearborn Chemical Company, Chicago, Ill. Anti-foam composition for aqueous baths. 2,363,922; Nov. 28.

Denman, Wayne L., Berwyn, assignor to Dearborn Chemical Company, Chicago, Ill. Purifying waters. 2,363,923; Nov. 28.

Denman, Wayne L., Berwyn, assignor to Dearborn Chemical Company, Chicago, Ill. Purifying waters with stabilized emulsion. 2,363,924; Nov. 28.

Dennebaum, John P., Scranton, Pa. Ash removing and receiving device. 2,360,938; Oct. 24.

Denneen, Francis S., Cleveland, and W. C. Dunn, Shaker Heights, assignors to The Ohio Crankshaft Company, Cleveland, Ohio. Heat treating gears and the like. 2,338,496; Jan. 4.

Denneen, Francis S., Cleveland, and W. C. Dunn, Shaker Heights, assignors to The Ohio Crankshaft Company, Cleveland, Ohio. Hardening contiguous areas. 2,339,157; Jan. 11.

Denneen, Francis S., Cleveland, and W. C. Dunn, Shaker Heights, assignors to The Ohio Crankshaft Company, Cleveland, Ohio. Apparatus for electric heating. 2,343,889; Mar. 14.

Denneen, Francis S., Cleveland, and W. C. Dunn, Shaker Heights, assignors to The Ohio Crankshaft Company, Cleveland, Ohio. Apparatus for surface hardening shafts and the like. 2,349,813; May 30.

Denneen, Francis S., Cleveland, and W. C. Dunn, Shaker Heights, assignors to The Ohio Crankshaft Company, Cleveland, Ohio. Heat treatment of gear teeth. 2,356,150; Aug. 22.

Denneen, Francis S., Cleveland, and W. C. Dunn, Shaker Heights, assignors to The Ohio Crankshaft Company, Cleveland, Ohio. Heat-treating gear and the like. 2,364,623; Dec. 12.

Denning, Paul S., assignor to F. E. Schundler & Co., Inc., Joliet, Ill. Lightweight mineral material. 2,342,574; Feb. 22.

Dennis, Adolphus S., Oakland, Calif., assignor to Friden Calculating Machine Co., Inc. Calculating machine. 2,365,527; Dec. 19.

Dennis, Martin Company, The. (See Bersworth, Frederick C., assignor.)

Dennis, Martin, Company, The. (See Bersworth, F. C., and Omansky, assignors.)

Dennis, Samuel L., Elizabethtown, N. C. Convertible penplayhouse. 2,354,202; July 25.

Dennis, W. J., & Company. (See Balousek, William E., assignor.)

Dennis, Wolcott, Stamford, Conn., assignor to Air Reduction Company, Incorporated, New York, N. Y. Production of liquid carbon dioxide. 2,341,697; Feb. 15.

Dennis, Wolcott, Darien, Conn., assignor to Air Reduction Company, Incorporated, New York, N. Y. Production of liquid carbon dioxide. 2,341,698; Feb. 15.

Dennis, Wolcott, Darien, Conn., assignor, by mesne assignments, to U. S. Industrial Chemicals, Inc. Distillation process. 2,347,666; May 2.

Dennis, Wolcott, Darien, Conn., assignor to Air Reduction Company, Incorporated, New York, N. Y. Portable apparatus for separation of the constituents of gaseous mixtures. 2,363,657; Nov. 28.

Dennison Manufacturing Company. (See Flood, Carl A., assignor.)

Dennison Manufacturing Company. (See Locke, William G., assignee.)

Dennison Manufacturing Company. (See Stillwell, Charles W., assignor.)

Denoon, Clarence E., Jr. (See Coffman, D. D., and Denoon, Jr.)

De Normanville, Edgar J., Hatch End, England. Variable speed epicyclic gearing. 2,349,410; May 23.

Denson, Beatrice, New York, N. Y. Powder box. 2,352,055; Nov. 7.

Dent, Frank A. G., Chicago, Ill. Window seat and platform. 2,360,656; Oct. 17.

Dentists' Supply Company of New York. (See Lays, Albert F., assignor.)

Dentists' Supply Company of New York, The. (See Lee, P. W., and Dietz, assignors.)

Dentists' Supply Company of New York, The. (See Saffir, Jacob A., assignor.)

Dentists' Supply Company of New York, The. (See Thornton, Henry M., assignor.)

Dentler, Arnold E., Hinsdale, and S. B. Haseltine, La Grange, assignors to W. H. Miner, Inc., Chicago, Ill. Friction shock absorbing mechanism. 2,341,699; Feb. 15.

Denton, Malcolm G., Arbutus, Md. Cargo deck lashing. 2,353,017; July 4.

Dentzer, Carl J., Parma, G. W. Shurmer, Warrensville, and O. J. Vanek, Cleveland, Ohio, assignors to The American Steel and Wire Company of New Jersey. Spooling apparatus. 2,351,660; June 20.

Dentzler, William G., Jr., Chicago, Ill. Drafting device. 2,362,992; Nov. 21.

Denver Chemical Manufacturing Company, The. (See Galat, Alexander, assignor.)

Denyssen, Ivanhoe P., Yeadon, Pa., assignor to American Viscose Corporation, Wilmington, Del. Hydroextractor. 2,341,211; Feb. 8.

Denyssen, Ivanhoe P., Yeadon, and R. M. Pfalzgraff, Swarthmore, Pa., assignors to American Viscose Corporation, Wilmington, Del. Hydroextractor. 2,362,193; Nov. 7.

Denzler, Berthold, assignor of one-half to E. G. Oswianza, and one-half to P. Fah, Chicago, Ill. Apparatus for reseating flush valves or the like. 2,347,403; Apr. 25.

Deonier, Christian C., and H. A. Jones, Orlando, Fla., dedicated to the free use of the people in the territory of the United States. Insecticide. 2,349,814; May 30.

De Paepe, Arthur J., Stockton, Calif. Safety trigger for pneumatic tools. 2,357,385; Sept. 5.

De Paiva Aguiar, Clovis, Juiz de Fora, Minas Geraes, Brazil. Nozzle for duodenal pump tubes. 2,356,659; Aug. 22.

De Pasquale, John, and A. Westerman, assignors to Hardy Metal Specialties Inc., Brooklyn, N. Y. Vanity case or compact. 2,366,009; Dec. 26.

Depew, Charles, Oakland, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,346,913; Apr. 18.

De Pew, Chester C., assignor to Fairchild Engine and Airplane Corporation, Farmingdale, N. Y. Torque indicator. 2,353,814; July 18.

De Port, Theophile, New Carlisle, Ohio. Combined takeoff and landing flap and control mechanism therefor. 2,360,333; Oct. 17.

Depp, Wallace A., Elmhurst, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electronic discharge device. 2,340,799; Feb. 1.

De Puy, Charles B., assignor to Trimble Nurseryland Furniture, Inc., Rochester, N. Y. Infant's bathing appliance. 2,358,003; Sept. 12.

De Ram, Georges H. E., Boulogne-sur-Seine, France; vested in the Alien Property Custodian. Shock absorber. 2,344,082; Mar. 14.

Derby, John H., Scarsdale, N. Y. Alarm circuits. 2,351,587; June 20.

Derby Sealers, Incorporated. (See Krueger, Alfred P., assignor.)

De Remer, Frank C., Bridgeport, Conn., assignor to General Electric Company. Operating mechanism for fluorescent lamps. Re. 22,560; Oct. 31.

De Reamer, Frank C., Bridgeport, Conn., assignor to General Electric Company. Combined socket and starter for fluorescent lamps. 2,350,341; June 6.

De Remer, J. G., Research Corporation. (See De Remer, Jay G., assignor.)

De Remer, Jay G., Darien, Conn., assignor to J. G. De Remer Research Corporation, Union City, N. J. Washing machine. 2,350,215; May 30.

Derham, Philip A., and J. H. Newport, Jr., Rosemont, Pa., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Decorative container cap. 2,355,583; Aug. 8.

De Ridder, Gysbert F., Houston, Tex., assignor to Shell Development Company, San Francisco, Calif. Toluene sweetening. 2,356,980; Aug. 29.

Derleth, Daniel P., Oakland, Calif. Liquid dispenser. 2,352,424; June 27.

Derman, Harry, Laurelton, N. Y. Window black-out shield. 2,343,369; Mar. 7.

Derman, Harry, Laurelton, Long Island, N. Y. Garment hanging device. 2,347,892; May 2.

Dermody, John, Holden, assignor to Economic Machinery Company, Worcester, Mass. Comb or stripper for gumming mechanism and the like. 2,340,044; Oct. 10.

Dermond, Hartley P., Hickory Township, Mercer County, Pa. Plate holder. 2,350,099; May 30.

Dermond, Lawrence C. (See Jorgensen, C. H., and Dermond.)

Dermond, Lawrence C., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Engine starter control system. 2,352,774; July 4.

Dermond, Lawrence C., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Engine starting apparatus. 2,354,290; July 25.

De Rosa, Louis A., assignor to The National Cash Register Company, Dayton, Ohio. Frequency meter. 2,352,082; June 20.

De Rosa, Louis A., Staten Island, N. Y., assignor to Federal Telephone and Radio Corporation. Artificial line and making same. 2,362,470; Nov. 14.

De Rose, Alfred F., Bridgeport, Conn. Buffing attachment for sewing machines. 2,360,045; Oct. 10.

De Rosset, Armand J., assignor to Universal Oil Products Company, Chicago, Ill. Solvent extraction. 2,363,298; Nov. 21.

Derr, Thomas S. (See Anderson, A. G., and Derr.)

Derr, Thomas S., Newton, assignor to American Steam Automobile Company, West Newton, Mass. Apparatus for producing artificial fog or smoke. 2,364,199; Dec. 5.

Derr, Willard A., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Supervisory control system. 2,342,125; Feb. 22.

Derr, Willard A., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control and signal system. 2,345,039; Mar. 28.

De Sanno, A. P., & Son, Inc. (See Torrese, Apollo, assignor.)

De Sart, Albert W., Sr., and F. F. Brush, assignors to United Acoustigraph Corporation, Los Angeles, Calif. System for guiding mechanical sound records. 2,338,414; Jan. 4.

De Saussure Equipment Company. (See De Saussure, William P., assignor.)

De Saussure, James P. (See De Saussure, William P.)

De Saussure, William P., Englewood, N. J., assignor to W. P. and J. P. De Saussure, copartners doing business as De Saussure Equipment Company, West New York, N. J. Folding table. 2,343,537; Mar. 7.

Desautels, Charles H., Springfield, Mass., assignor to United States Rubber Company, New York, N. Y. Machine for wrapping toroidal objects. 2,346,475; Apr. 11.

Desch, Charles, Chicago, and W. Yomantas, Evergreen Park, assignors to Container Corporation of America, Chicago, Ill. Folding and gluing apparatus. 2,351,670; June 20.

Deschner, Richard E., Los Angeles, Calif., assignor to The National Supply Company, Pittsburgh, Pa. Draw-works. 2,344,681; Mar. 21.

Deschner, Walter W. (See Martin, H. A., and Deschner.)

Descourtis, Paul, Paris, France; vested in the Alien Property Custodian. Piston and cylinder system. 2,356,511; Aug. 22.

Desenberg, Josef, assignor to W. F. and John Barnes Company, Rockford, Ill. Grinding and polishing machine. 2,352,146; June 20.

Deserno, Peter, Berlin, Germany; vested in the Alien Property Custodian. Arrangement for measuring frequency characteristics. 2,356,510; Aug. 22.

Desetti, Gild E., Woodbury, N. J., W. A. Dew, B. H. Mackey, and R. G. Woodbridge, Jr., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Apparatus for the recovery of solvent. 2,349,249; May 23.

De Shano, Alphonse D., Bay City, Mich. Safety belt. 2,344,031; Mar. 14.

De Simo, Martin, Piedmont, and R. M. Roberts, Berkeley, Calif., assignors to Shell Development Company, San Francisco, Calif. Production of dienes. 2,339,560; Jan. 18.

De Simó, Martin, Chicago, Ill., and H. A. Cheney, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Treatment of catalysts comprising alumina and aluminum halide. 2,339,685; Jan. 18.

De Simó, Martin, Piedmont, and J. J. O'Connor, Oakland, assignors to Shell Development Company, San Francisco, Calif. Unsaturated mercaptans. 2,346,102; Apr. 4.

De Simó, Martin, Chicago, Ill., and H. A. Cheney, Oakland, assignors to Shell Development Company, San Francisco, Calif. Catalytic conversion. 2,364,583; Dec. 5.

De Simone, Michele G., Stapleton, Staten Island, N. Y. Pressure steriliser and cooker. 2,356,150; Aug. 8.

Deskey, Donald, Annandale, N. J., assignor to Bristol-Myers Company, New York, N. Y. Collapsible tube. 2,339,464; Jan. 18.

De Smet, Polydoor, and W. Mees, Mortsel, near Antwerp, Belgium; vested in the Alien Property Custodian. Intermediates for dyestuffs. 2,356,569; Aug. 22.

Despard, Victor E., assignor to Pass & Seymour, Inc., Syracuse, N. Y. Electric wiring apparatus. 2,353,882; July 18.

D'Esposito, Julian, Wilmette, assignor to Container Corporation of America, Chicago, Ill. Container. 2,344,852; Mar. 21.

D'Esposito, Julian, Wilmette, assignor to Container Corporation of America, Chicago, Ill. Container lock. 2,349,707; May 23.

Després, Lilly D., New York, N. Y., assignor, by mesne assignments, to Weco Products Company, Chicago, Ill. Hair net. 2,349,480; May 23.

Des Roches, Parseval, North Providence, R. I. Control for weft carriers. 2,342,182; Feb. 22.

Dessauer, John, Irondequoit, assignor to The Haloid Company, Rochester, N. Y. Photographic coating. 2,352,822; July 4.

Desso, Charles H. (See O'Shaughnessy, B. T., Jr., and Desso.)

De Stefano, John, Rahway, N. J. Propeller. 2,339,772; Jan. 25.

Dester, William F. (See Spanel, A. N., and Dester.)

De Swart, Jan, Los Angeles, assignor of one-half to C. B. Jamison, Beverly Hills, Calif. Directional compass. 2,340,512; Feb. 1.

De Swart, Jan, Los Angeles, assignor of one-half to C. B. Jamison, Beverly Hills, Calif. Badge mounting. 2,341,083; Feb. 8.

De Swart, Jan, Los Angeles, assignor of one-half to C. B. Jamison, Beverly Hills, Calif. Safety razor. 2,347,595; Apr. 25.

De Swart, Jan, Los Angeles, assignor of one-half to C. B. Jamison, Beverly Hills, Calif. Safety razor. 2,347,596; Apr. 25.

De Swart, Jan, Los Angeles, assignor to Plastic Research Engineering Division of Victory Manufacturing Co., South Pasadena, Calif. Safety razor blade holder. 2,357,939; Sept. 12.

De Swart, Jan, Los Angeles, assignor of one-half to C. B. Jamison, Beverly Hills, Calif. Cosmetic case. 2,362,120; Nov. 7.

Det Norske Aktieselskab for Elektrokemisk Industri. (See Hagerup-Larssen, Georg, assignor.)

Determan, Henry C., Mason City, Iowa. Fishing pole. 2,360,402; Oct. 17.

Dethloff, T. C. (See Glomb, John S., assignor.)

Detjen, Robert L., St. Louis, assignor, by mesne assignments, to V. R. Stamm, W. J., and R. O. Bach, St. Louis County, doing business as Fixture Products Co., St. Louis, Mo. Mold. 2,352,083; June 20.

Detling, Kenneth D., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Recovering oil from oil sands. 2,341,500; Feb. 8.

Detrick, Edward R. (See Bolen, E. P., and Detrick.)

Detrick, Edward R., assignor to National Automotive Fibres, Inc., Detroit, Mich. Parachute harness webbing puller. 2,341,909; Feb. 15.

Detrick, Judson N., Oak Park, and H. F. Fruth, Elmhurst, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Condenser dielectric and making. 2,360,479; Oct. 17.

Detroit Aluminum and Brass Corp. (See Strickland, R. L., and Zemon, assignors.)

Detroit Edison Company, The. (See Komives, Laszlo I., assignor.)

Detroit Edison Company, The. (See Matthews, George A., assignor.)

Detroit Gasket & Manufacturing Company. (See Balfe, George T., assignor.)

Detroit Gasket & Manufacturing Company. (See Denman, Harry B., assignor.)

Detroit Harvester Company. (See Floraday, Burton S., assignor.)

Detroit Harvester Company. (See Kost, Harold W., assignor.)

Detroit Harvester Company. (See Simpson, H. W., and Abgarian, assignors.)

Detroit Lubricator Company. (See Boylan, Henry W., assignor.)

Detroit Lubricator Company. (See Carter, Franklyn Y., assignor.)

Detroit Lubricator Company. (See Dillman, Earnest J., assignor.)

Detroit Lubricator Company. (See Dillman, E. J., and Cowley, assignors.)

Detroit Lubricator Company. (See Hann, Albert G., assignor.)

Detroit Lubricator Company. (See Landon, Walter S., assignor.)

Detroit Lubricator Company. (See Milbank, Elmer F., assignor.)

Detroit Lubricator Company. (See Millerwise, Carl H., assignor.)

Detroit Lubricator Company. (See Russel, Philip S., assignor.)

Detroit Lubricator Company. (See Stoughton, J. L., and Landon, assignors.)

Detroit Lubricator Company. (See von Wangenheim, Adolf, assignor.)

Detroit Lubricator Company. (See Weber, Walter H., assignor.)

Detroit Lubricator Company. (See Welby, Henry R., assignor.)

Detroit Lubricator Company. (See Williams, Charles M., assignor.)

Detroit Macoid Corporation. (See Bradley, Stephen D., assignor.)

Detroit Power Screwdriver Company. (See Bailey, Roy W., assignor.)

Detroit Rex Products Company. (See Dinley, Clarence F., assignor.)

Detroit Steel Products Company. (See Reynaud, Samuel C., assignor.)

Detroit Stoker Company. (See Beers, Royce L., assignor.)

Detroia Corporation. (See Nirdlinger, John, assignor.)

Detroia Corporation. (See Stewart, Arthur W., assignor.)

Dettle, Lawrence E., assignor to Rock-Ola Manufacturing Corporation, Chicago, Ill. Phonograph. 2,347,995; May 2.

Dettloff, William P., Detroit, Mich. Keyway grinding tool. 2,352,888; July 4.

Dettwyler, William. (See Lee, H. R., and Dettwyler.)

Dettwyler, William, Pitman, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyestuffs of the anthraquinone series. 2,344,981; Mar. 28.

Detwiler, John B., Mimico, Ontario, Canada. Water-tube boiler. 2,355,279; Aug. 8.

Deuchler, Philip G., Snyder, assignor to Certain-Teed Products Corporation, New York, N. Y. Covering element. 2,356,570; Aug. 22.

Deuchler, Philip G., and W. A. Moore, Buffalo, assignors to Certain-Teed Products Corporation, New York, N. Y. Wall structure and fastener. 2,339,841; Jan. 25.

Deuel, Harry A., Jr., Huntington, Ind., and G. H. Krapf, Chirton, Pa. Method and apparatus for determining the average thickness of the entire width of coiled metallic strip material from rolling mill. 2,356,660; Aug. 22.

Deuring, Fritz R., Gladbach-Rheydt, Germany; vested in the Alien Property Custodian. Arrangement of the transverse supports in automatic and semiautomatic lathes. 2,340,513; Feb. 1.

D'Eustachio, Gabriel J., Perth Amboy, N. J., assignor to General Cable Corporation, New York, N. Y. Lead alloy. 2,348,333; May 9.

Deutsch, Alexander T., Cincinnati, Ohio, assignor of twenty per cent to C. Tietig, Covington, Ky. Folding chair. 2,345,330; Mar. 28.

Deutsch, Friedrich. (See Freund, E., and Deutsch.)

Deutsch, Friedrich. (See Goldschmidt, F., and Deutsch.)

Deutschmann, Tobe. (See Nordberg, Ernst A., assignor.)

Deutschman, Tobe, Corporation. (See Hanopol, Louis, assignor.)

Deutschmeister, Abraham and H., New York, N. Y. Mailing device. 2,350,100; May 30.

Deutschmeister, Herman. (See Deutschmeister, Abraham and H.)

Devi Insular Company. (See Devine, James H., assignor.)

De Wack, Harry A., San Jose, and O. T. Evans, Santa Clara, Calif. Auxiliary reservoir bleeder. 2,364,606; Dec. 12.

De Vilbiss Company, The. (See Peeps, Donald J., assignor.)

De Vilbiss Company, The. (See Roselund, Harold A., assignor.)

De Vilbiss Company, The. (See Schmitt, Joy B., assignor.)

De Vilbiss Company, The. (See Schmitt, J. B., and Dodds, assignors.)

De Villiers, Truman E., Okmulgee, assignor to Cities Service Oil Company, Bartlesville, Okla. Lubricant. 2,347,814; May 2.

Devine, Aloysius J., Harrison, and E. G. Smith, Cedar Grove, assignors to Filtration Engineers Incorporated, Newark, N. J. Filtration apparatus. 2,359,753; Oct. 10.

Devine, J. E., et al. (See Ellis, Clarence M., assignor.)

Devine, James H., Chicago, Ill., assignor to Dev-Insular Company, St. Louis, Mo. Lunch box. 2,347,670; May 2.

Devine, Julius, New York, N. Y. Aviation spark plug (radio shielded). 2,358,911; Sept. 26.

Devlin, Leo J., Los Angeles, H. W. Adams, Santa Monica, F. Landgraf, Los Angeles, and C. S. Glasgow, West Los Angeles, assignors to Douglas Aircraft Company, Inc., Santa Monica, Calif. Emergency braking device. 2,351,935; June 20.

Devoe and Raynolds Company. (See Rheineck, A. E., and Crecelius, assignors.)

Devol, George C., and H. Langstroth, Greenwich, Conn., assignor to Maguire Industries, Incorporated. Motor-generator. 2,355,208; Aug. 8.

Devorak, Raymond J., Minneapolis, Minn. Fuel control valve for Diesel engines. 2,363,576; Nov. 28.

De Vore, Rodney W., West View, Pa., assignor to Pittsburgh-Des Moines Company. Elevated tank. 2,346,129; Apr. 11.

Dévot, André J., Newton, assignor to Tobe Deutschmann Corporation, Canton, Mass. Electric filter. 2,355,516; Aug. 8.

De Vries, Nicholas A., Flushing, N. Y. Chair. 2,362,746; Nov. 14.

De Vries, Nicholas A., Brookfield Center, Conn. Curved plywood structure. 2,365,334; Dec. 19.

De Vry Corporation. (See De Vry, William C., assignor.)

De Vry, William C., assignor to De Vry Corporation, Chicago, Ill. Film reel support for portable projectors. 2,358,692; Sept. 19.

Dew, Walter A. (See Desetti, G. E., Dew, Mackey, and Woodbridge.)

Dew, Walter A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Bullet lubrication. 2,346,124; Apr. 4.

Dewald, Edward A., Massillon, Ohio, assignor, by mesne assignments, to The Babcock & Wilcox Company, Newark, N. J. Tube expander. 2,343,890; Mar. 14.

De Wald, William E., Chicago, Ill. Button and fastening unit. 2,346,209; Apr. 11.

De Wald, William N., Miami, Fla. Optical measuring instrument. 2,339,004; Jan. 11.

De Wall, Charles H., Orange, N. J. Gas mixing device. 2,351,494; June 13.

De Walt, Alice F., administratrix. (See De Walt, Charles E.)

De Walt, Charles E., deceased, Canonsburg, by A. F. De Walt, administratrix, Pittsburgh, Pa., assignor of ten per cent to J. M. Gura, Struthers, Ohio. Sheet pack opening mechanism. 2,364,780; Dec. 12.

De Walt Products Corporation. (See Gardner, Wallace W., assignor.)

De Walt Products Corporation. (See Schutz, Ewald, assignor.)

Dewan, Leon, Arverne, N. Y. Anti-icing and engine cooling system for airplanes. 2,366,089; Dec. 26.

Dewan, Leon, assignor of one-half to P. W. Andrews, New York, N. Y. Inertia damping arrangement for measuring instruments. 2,365,806; Dec. 26.

Dewandre, Albert, Brussels, Belgium; vested in the Alien Property Custodian. Gun mounting with shock absorber. 2,342,727; Feb. 29.

Dewees, Leonard S., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Brazing apparatus. 2,348,884; May 16.

De Weese, Herbert F., Lincoln, Nebr. Airplane flight indicator. 2,355,517; Aug. 8.

Dewey and Almy Chemical Company. (See Day, Morgan R., assignor.)

Dewey and Almy Chemical Company. (See Gott, G. E., Habib, Casey, and Fairbank, assignors.)

Dewey and Almy Chemical Company. (See Mark, J. G., and Lanigan, assignors.)

Dewey and Almy Chemical Company. (See Tator, Kenneth, assignor.)

Dewey & Almy Chemical Company, et al. (See Walton, Richard R., assignor.)

Dewey and Almy Chemical Company, et al. (See Walton, R. R., Austin, and Gott, assignors.)

Dewey & Almy Chemical Company et al. (See Walton, R. R., and Greenlie, assignors.)

Dewey, Clarence L., Elkhart, Ind. Curved wall welded connection. 2,340,309; Feb. 1.

Dewey, Clarence L., Elkhart, Ind. Desk lamp. 2,340,310; Feb. 1.

Dewey, Clarence L., Elkhart, Ind. Machine for end tapering metal tubing. 2,347,175; Apr. 25.

Dewey, Clarence L., Elkhart, Ind. Machine for inturning tube ends. 2,351,020; June 13.

Dewey, Clarence L., Elkhart, Ind. Bicycle frame. 2,353,712; July 18.

Dewey, Clarence L., Elkhart, Ind. Tube reducing machine. 2,358,307; Sept. 19.

Dewey, Clarence L., Elkhart, Ind. Making tubular turnbuckles. 2,363,050; Nov. 21.

Dewey, Clarence L., Elkhart, Ind. Machine and method for indenting tubing. 2,363,507; Nov. 28.

Dewey, Clarence L., Elkhart, Ind. Heat exchanger assembly. 2,365,688; Dec. 26.

Dewey, Clarence L., Elkhart, Ind., and S. L. Dewey, Cleveland Heights, Ohio, assignors to Metal Tube Shaping Corporation, Elkhart, Ind. Machine for configuring tubing. 2339,686; Jan. 18.

Dewey, David B., Pasadena, Calif. Controlling feathering members. 2,354,948; Aug. .

Dewey, Frederick L. (See Hipple, J. L., Dewey, and Burnett.)

Dewey, Raymond E., assignor to The Ohio Seamless Tube Company, Shelby, Ohio. Billet centering apparatus. 2,341,602; Feb. 15.

Dewey, Sydney L. (See Dewey, Clarence L. and S. L.)

Dewhirst, Paul A., et al. (See Hamer, Leland S., assignor.)

De Wilde, Frederick P., assignor to V. M. de Wilde, El Cajon, Calif. Automobile safety system. 2,348,963; May 16.

De Wilde, Verona M. (See de Wilde, Frederick P., assignor.)

De Witt, Walter M., Sr. (See Driscoll, J., and De Witt.)

De Witt, William J., assignor to Shoe Form Co., Inc., Auburn, N. Y. Display form. 2,360,112; Oct. 10.

DeWitz, Alfred E. E., Bedford, Ohio, assignor to The American Steel and Wire Company of New Jersey. Cooling rolls handling hotrolled metal strip. 2,348,528; May 9.

Dewoitine, Emile J. E., Neuilly-sur-Seine, France; vested in the Alien Property Custodian. Machine for milling the flanges of airplane wing spars. 2,356,571; Aug. 22.

De Wolfe, Clarence M., Somerville, Mass., assignor to The B. F. Goodrich Company, New York, N. Y. Attachment for heel-nailing machines. 2,365,060; Dec. 12.

Dexter, Albert J., and A. R. Gramache, Springfield, Mass., assignors to United States Rubber Company, New York, N. Y. Rivet. 2,358,629; Oct. 3.

Dexter, Albert M., Jr., Hartford, assignor to Niles-Bement-Pond Company, West Hartford, Conn. Shearing and classifying mechanism for metal strip. 2,363,577; Nov. 28.

Dexter Company, The. (See Blough, Ronald S., assignor.)

Dexter Folder Company. (See Baker, L., and Martin, assignors.)

Dexter Folder Company. (See Baker, L., and Williams, assignors.)

Dexter, Fred S., Berkeley, Calif., assignor to Darward & Sons Company. Evaporator. 2,353,551; July 11.

Dexter, Frederick A., assignor to The Leavitt Machine Company, Orange, Mass. Valve cutting tool. 2,350,019; May 30.

Dey, John B., and L. Hayden, Lynchburg, Va. Printer. 2,364,277; Dec. 5.

Deyarmond, Herbert P., Los Angeles, Calif. Saw retoother. 2,347,087; Apr. 18.

Deyrup, Alden J., Westfield, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Alkali-resistant glaze. 2,338,099; Jan. 4.

Deyrup, Alden J., Westfield, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Enamel. 2,351,252; June 13.

Deyrup, Alden J., Westfield, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Leadfree enamel. 2,352,425; June 27.

Deysher, Harvey M., Lansdale, Pa. Electric plug and receptacle. 2,356,752; Aug. 29.

De Zarate, Pedro O., and D. S., Drabble, Buenos Aires, Argentina. Stuffing box. 2,342,926; Feb. 29.

Diack, Arch W. (See Diack, Samuel L. and A. W.)

Diack, Samuel L. and A. W., Portland, Oreg. Ice tray. 2,341,700; Feb. 15.

Dialynas, Emmanuel M., Canton, Ohio. Pneumatic or cushion arch support for shoes. 2,365,807; Dec. 26.

Diamantides, Diamond, Massillon, Ohio. Ship raising device. 2,358,218; Sept. 12.

Diamond Alkali Company. (See Lander, James G., assignor.)

Diamond Alkali Company. (See Vose, Gardner W., assignor.)

Diamond Chain and Manufacturing Company. (See Focke, Arthur E., assignor.)

Diamond, Harry, Cedarhurst, assignor to Promiss Slips, New York, N. Y. Lady's undergarment. 2,357,794; Sept. 12.

Diamond, Irving, Elizabeth, N. J. Beam clamp. 2,354,107; July 18.

Diamond Match Company, The. (See Allen, Edgar A., assignor.)

Diamond Match Company, The. (See Olson, Eric P., assignor.)

Diamond Power Specialty Corporation. (See Brelsford, Harry E., assignor.)

Diamond Power Specialty Corporation. (See Glinn, R. J., and Handoll, assignors.)

Diamond Power Specialty Corporation. (See Howse, Curtis L., assignor.)

Diamond Power Specialty Corporation. (See Howse, C. L., and Fitzburgh, assignors.)

Diamond Power Specialty Corporation. (See Thomas, W. P., assignor.)

Diamond Power Specialty Corporation. (See Thomas, Willis P., assignor.)

D'Ianni, James D., assignor to Wingfoot Corporation, Akron, Ohio. Dihaloacids. 2,365,808; Dec. 26.

Dias, Sebastiao L., Bethlehem, Pa. Irrigation control system. 2,345,466; Mar. 28.

Dicalite Company, The. (See Kent, Robert D., assignor.)

Dice, Marion E., Los Angeles, Calif., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Apparatus for gauging tanks. 2,364,346; Dec. 5.

Dichter, Jakob, Berlin-Schoneberg, Germany; vested in the Alien Property Custodian. Sorting machine. 2,355,280; Aug. 8.

Dick, Burns, Ferguson, assignor to Wagner Electric Corporation, St. Louis, Mo. Hydraulic actuating system. 2,357,386; Sept. 5.

Dick, Herbert L., and C. B. Oliver, assignors to Tested Appliance Company, Chicago, Ill. Filtering device or the like. 2,347,184; Apr. 25.

Dick, Ralph A., Williamsville, N. Y., assignor to Curtiss-Wright Corporation. Fastening device. 2,350,498; June 6.

Dick, Winfred O., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Pipe bending tool. 2,345,102; Mar. 28.

Dick, Winfred O., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Commutator assembly. 2,351,021; June 13.

Dicke, Carl H., Dayton, Ohio, assignor to The Master Electric Company. Furnace control system. 2,342,126; Feb. 22.

Dicke, Oscar H., Rochester, N. Y. Heating plant. 2,353,315; July 18.

Dicke, Oscar H., Rochester, N. Y. Electric clock system. 2,359,973; Oct. 10.

Dicke, Robert J. (See Allen, T. C., and Dicke.)

Dickenson, Ernest H., assignor to Ingersoll-Rand Company, New York, N. Y. Supporting device for rock drills. 2,360,318; Oct. 17.

Dickerman, Gilbert K. (See Richmond, H. B., and Dickerman.)

Dickerman, Hubert E., Springfield, Mass. Feeding mechanism. 2,348,456; May 9.

Dickerman, Hubert E., Springfield, Mass. Tool. 2,350,881; June 6.

Dickerson, Walker T., Company, The. (See Friend, J. M., and Richardson, assignors.)

Dickerson, Walker T., Company, The. (See Gordon, Hiram, assignor.)

Dickey, Albert W. (See Haglund, H. H., Dickey, and Newman.)

Dickey, Ernest, assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,353,883; July 18.

Dickey, Ernest, assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,361,090; Oct. 24.

Dickey, George C., San Francisco, Calif. Smoker's pipe cleaner. 2,350,674; June 6.

Dickey, Joseph B. (See McNally, J. G., and Dickey.)

Dickey, Joseph B. (See McNally, J. G., Dickey, and Gray.)

Dickey, Joseph B., assignor to Eastman Kodak Company, Rochester, N. Y. Azo compounds and material colored therewith. 2,338,709; Jan. 11.

Dickey, Joseph B., assignor to Eastman Kodak Company, Rochester, N. Y. Azo compounds and material colored therewith. 2,346,013; Apr. 4.

Dickey, Joseph B., assignor to Eastman Kodak Company, Rochester, N. Y. Anthraquinone compounds. 2,357,176; Aug. 29.

Dickey, Joseph B., assignor to Eastman Kodak Company, Rochester, N. Y. Azo compounds and material colored therewith. 2,357,317; Sept. 5.

Dickey, Joseph B., assignor to Eastman Kodak Company, Rochester, N. Y. Surface-active agents. 2,364,348; Dec. 5.

Dickey, Joseph B., assignor to Eastman Kodak Company, Rochester, N. Y. Anthraquinone compounds. 2,364,349; Dec. 5.

Dickey, Joseph B., assignor to Eastman Kodak Company, Rochester, N. Y. Quinazoline azo compounds. 2,364,351; Dec. 5.

Dickey, Joseph B., and J. G. McNally, assignors to Eastman Kodak Company, Rochester, N. Y. Anthraquinone compounds and material colored therewith. 2,338,908; Jan. 11.

Dickey, Joseph B., and J. G. McNally, assignors to Eastman Kodak Company, Rochester, N. Y. Azo compounds and materials colored therewith. 2,341,427; Feb. 8.

Dickey, Joseph B., and J. G. McNally, assignors to Eastman Kodak Company, Rochester, N. Y. Self-emulsifying phosphated and phosphited oils as antistatic lubricants. 2,345,734; Apr. 4.

Dickey, Joseph B., and J. G. McNally, assignors to Eastman Kodak Company, Rochester, N. Y. Arylaminoketo compound and preparation. 2,351,409; June 13.

Dickey, Joseph B., and J. G. McNally, assignors to Eastman Kodak Company, Rochester, N. Y. Azo compounds and material colored therewith. 2,359,305; Oct. 3.

Dickey, Joseph B., and J. M. Straley, assignors to Eastman Kodak Company, Rochester, N. Y. Mixed carboxylic-carbamic anhydrides. 2,360,210; Oct. 10.

Dickey, Joseph B., W. H. Strain, and R. A. Corbitt, assignors to Eastman Kodak Company, Rochester, N. Y. Nitrogen heterocyclic compounds. 2,364,347; Dec. 5.

Dickey, Joseph B., and J. G. McNally, assignors to Eastman Kodak Company, Rochester, N. Y. Photographic developer. 2,364,350; Dec. 5.

Dickhaut, Charles A., assignor to John Waldron Corporation, New Brunswick, N. J. Apparatus for web alignment. 2,347,893; May 2.

Dickie, James A. (See McKay, W. A., and Dickie.)

Dickie, William A. (See Hays, C. H., and Dickie.)

Dickinson, Arthur H., Scarsdale, assignor to International Business Machines Corporation, New York, N. Y. Accounting machine. 2,343,370; Mar. 7.

Dickinson, Arthur H., Scarsdale, assignor to International Business Machines Corporation, New York, N. Y. Multiplying machine. 2,350,499; June 6.

Dickinson, Arthur H., Scarsdale, assignor to International Business Machines Corporation, New York, N. Y. Dividing machine. 2,359,631; Oct. 3.

Dickinson, Arthur H., Scarsdale, assignor to International Business Machines Corporation, New York, N. Y. Record controlled computing machine. 2,361,996; Nov. 7.

Dickinson, Arthur H., Bronxville, assignor to International Business Machines Corporation, New York, N. Y. Transmission system for statistical data. 2,355,281; Aug. 8.

Dickinson, Arthur H., Bronxville, assignor to International Business Machines Corporation, New York, N. Y. Transmission system for statistical data. 2,355,282; Aug. 8.

Dickinson, Arthur H., Scarsdale, N. Y., and R. T. Blakely, Ridgewood, N. J., assignors to International Business Machines Corporation, New York, N. Y. Sorting machine. 2,359,630; Oct. 3.

Dickinson, Edgar D., Beverly, and F. H. Van Nest, Marblehead, Mass., assignors to General Electric Company. Thrust bearing arrangement. 2,339,253; Jan. 18.

Dickinson, Edna V., et al. (See Bruen, George C., assignor.)

Dickinson, Ernest G., Olcott, and S. T. Payne, Kenmore, N. Y., assignors to Curtiss-Wright Corporation. Folding wing airplane. 2,343,645; Mar. 7.

Dickinson, Norman E., Windsor, Conn. Position indicator. 2,361,462; Oct. 31.

Dickinson, Robert C., and W. M. Leeds, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,340,942; Feb. 8.

Dickman, Leonard L., Pasadena, Calif. Picket fence construction. 2,365,397; Dec. 19.

Dicks, Clarence, Detroit, Mich., assignor to R. N. Nason & Co., San Francisco, Calif. Producing painted designs. 2,340,514; Feb. 1.

Dickson, Dick. (See Manchan, Louis, assignor.)

Dickson, George R., and I. C. Schoonover, Washington, D. C., assignors to the Government of the United States, as represented by the Secretary of Commerce. Elastic impression compositions. 2,359,512; Oct. 3.

Dickson, John B. (See Knobel, M., Dickson, and Baymiller.)

Dickson, John B., assignor to Chrysler Corporation, Highland Park, Mich. Engine starting gearing. 2,349,146; May 16.

Dickson, John B., assignor to Chrysler Corporation, Highland Park, Mich. Reflector. 2,360,480; Oct. 17.

Dickson, John B., Northampton, and S. Milligan, Chicopee, Mass., assignors to A. G. Spalding & Bros. Inc., New York, N. Y. Process and apparatus for making balls. 2,361,348; Oct. 24.
Dickson, John P., Saltcoats, and W. Sever, Troon, Scotland, assignors to Imperial Chemical Industries Limited. Production of solutions for the manufacture of artificial fibres. 2,358,219; Sept. 12.
Dickson, William S. (See Christy, E. W., and Dickson.)
Dietrich, Emil, Jr., Totowa, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Polarized relay. 2,355,909; Aug. 15.
Dictaphone Corporation. (See Wilson, Charles K., assignor.)
Diddel, William H., Indianapolis, Ind. Golf ball. 2,364,955; Dec. 12.
Diebold, Incorporated. (See Bates, Charles J., assignor.)
Diedrich, Paul. (See Dohrn, M., and Diedrich.)
Diedring, John H., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Signal lamp. 2,364,428; Dec. 5.
Diefenbach, Ferd, Pittsburgh, Pa. Device for analyzing surface defects. 2,343,891; Mar. 14.
Diehl, Elias S., Bedford, Pa. Projectile. 2,356,227; Aug. 22.
Diehl, John A., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Mooring buoy. 2,354,441; July 25.
Diehm, Robert A. (See Thomas, J. J., Diehm, and Somerville.)
Diekschneider, Willard, Conrad, Iowa. Weed mowing machine. 2,359,358; Oct. 3.
Diemer, Anton, Stuttgart, Germany; vested in the Alien Property Custodian. Door latch. 2,347,467; Apr. 25.
Diemer, Anton, Stuttgart, Germany; vested in the Alien Property Custodian. Door latch. 2,347,468; Apr. 25.
Dies, Charles A., Chicago, Ill. Pipe coupling. 2,347,469; Apr. 25.
Dies, Charles A., Chicago, assignor of one-half to O. W. Peterson, Aurora, Ill. Pipe coupling. 2,366,010; Dec. 26.
Diesbach, Fritz G., et al., trustees. (See Waechter, Harry J., assignee.)
Diescher, Samuel E., Pittsburgh, assignor to Diescher Tube Mills, Inc., Beaver Falls, Pa. Cross rolling mill. 2,340,517; Feb. 1.
Diescher, Samuel E., Pittsburgh, Pa. Method of and machine for preblooming ingots. 2,341,910; Feb. 15.
Diescher Tube Mills, Inc. (See Diescher, Samuel E., assignor.)
Diescher Tube Mills, Inc. (See Hendrickson, Michael R., assignor.)
Dieter, Fred G. (See Rider, H. N., and Dieter.)
Dieter, Walter G., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Contactor unit for air conditioning systems. 2,363,578; Nov. 28.
Dietiker, John D. (See Bouse, W. E., Robinson, and Dietiker.)
Dietrich, Friedrich R., Munich, Germany; vested in the Alien Property Custodian. Reflector for headlights. 2,340,515; Feb. 1.
Dietrich, Friedrich R., Munich, Germany; vested in the Alien Property Custodian. Headlight reflector. 2,340,516; Feb. 1.
Dietrich, Herbert, Meinerzdorf in Ers Gebirge, Germany; vested in the Alien Property Custodian. Stocking. 2,344,630; Mar. 14.
Dietrich, John A., Peoria, Ill. Small hole gauge. 2,356,832; Aug. 29.
Dietrich, Melvin A., Claymont, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Viscous hydrocarbon oils. 2,362,890; Nov. 14.
Dietrich, Paul, Augsburg, Germany; vested in the Alien Property Custodian. Apparatus for joining the webs of paper rolls. 2,365,528; Dec. 19.
Dietrich, Paul, Augsburg, Germany; vested in the Alien Property Custodian. Apparatus for joining the webs of paper rolls. 2,365,529; Dec. 19.
Dietz, Charles. (See Lee, P. W., and Dietz.)
Dietz, Elmer C., Richmond Hill, N. Y. Burring attachment for drills. 2,340,941; Feb. 8.
Dietz, Sylvia, South Norwalk, Conn. Gauge. 2,345,103; Mar. 28.
Dietz, Thomas J., Philadelphia, Pa. Bullet spinning machine. 2,353,150; July 11.
Dietzgen, Eugene, Co. (See Langaner, Adolph, assignor.)
Di Frasso, Dorothy. (See Hamilton, Thomas S., assignor.)
Digby, Everard T. (See Digby, William P., assignor.)
Digby, William P., Westminster, London, assignor of one-half to E. T. Digby, London, England. Casting copper chromium steel. 2,339,842; Jan. 25.
Di Ianni, Frank, Brooklyn, N. Y., assignor to American Machine and Foundry Company. Positive tobacco conveyer. 2,351,410; June 13.
Di Inglio, Frank, New Haven, Conn. Shirt. 2,352,084; June 20.
Dijksterhuis, Pieter H., Eindhoven, Netherlands, vested in the Alien Property Custodian. Device for converting variations of a mechanical quantity into variations of an electric voltage. 2,348,245; May 9.
Dike, Theodore W., and H. Galber, assignors to I. F. Laucks, Inc., Seattle, Wash. Apparatus for making plywood and the like. 2,357,880; Sept. 12.
Dildilian, Ara T. (See Dow, J. N., and Dildilian.)
Dilks, Melvern L., Llanerch, Pa. Sash lock. 2,353,958; July 18.
Dill Manufacturing Company, The. (See Crowley, John C., assignor.)
Dill, Richard S., New Bern, N. C., assignor to the Government of the United States, as represented by the Secretary of Commerce. Warm air furnace. 2,339,254; Jan. 18.
Dillehay, Edward R., Glen Ellyn, Ill., assignor to The Richardson Company, Lockland, Ohio. Projection screen. 2,341,982; Feb. 15.
Dillehay, Edward R., Glen Ellyn, Ill., assignor to The Richardson Company, Lockland, Ohio. Hard rubber materials capable of ready fabrication. 2,365,335; Dec. 19.
Dilley, Garnett D., Monterey Park, Calif., assignor to A. O. Smith Corporation, Milwaukee, Wis. Turbine driven well drilling unit. 2,340,738; Feb. 1.
Dillin, George R., Charlotte, Mich. Electrically operated rotary paint brush. 2,347,470; Apr. 25.
Dillinger, Joy F., Riverside, and A. N. Ogden, Chicago, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Magnetic materials. 2,360,939; Oct. 24.
Dillman, Earnest J., assignor to Detroit Lubricator Company, Detroit, Mich. Heating apparatus. 2,340,844; Feb. 1.
Dillman, Earnest J., assignor to Detroit Lubricator Company, Detroit, Mich. Control device. 2,344,767; Mar. 21.
Dillman, Earnest J., and W. E. Cowley, assignors to Detroit Lubricator Company, Detroit, Mich. Valve. 2,357,795; Sept. 12.
Dillner, William J., Pittsburgh, Pa. Device for storing and transporting goods. 2,360,046; Oct. 10.
Dillon, Clyde E., assignor to Koch Butchers' Supply Company, North Kansas City, Mo. Beef scribe saw. 2,339,843; Jan. 25.
Dillon, John H., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Plating polonium. 2,339,545; Jan. 18.
Dillon, Lyle. (See Subkow, P., and Dillon.)
Dillon Patents Limited. (See Wettlaufer, John L., assignor.)
Dimmick, Glenn L. (See Kellogg, E. W., and Dimmick.)
Dimmick, Glenn L., Haddonfield, N. J., assignor to Radio Corporation of America. Reduction in reflection from transparent material. 2,338,233; Jan. 4.
Dimmick, Glenn L., Haddonfield, N. J., assignor to Radio Corporation of America. Evaporation of transparent material on glass. 2,338,234; Jan. 4.
Dimmick, Glenn L., Haddonfield, N. J., assignor to Radio Corporation of America. Lens coating. 2,338,497; Jan. 4.
Dimmick, Glenn L., Haddonfield, N. J., assignor to Radio Corporation of America. Sound film printer. 2,347,938; May 2.
Dimmick, Glenn L., Haddonfield, N. J., assignor to Radio Corporation of America. Optical system. 2,360,403; Oct. 17.
Dimmick, Glenn L., Indianapolis, Ind., assignor to Radio Corporation of America. Reduction in reflection from glass. 2,352,085; June 20.
Dimmig, Howard, Katonah, N. Y., assignor to Gasoline Products Company, Inc., Jersey City, N. J. Conversion of hydrocarbons. 2,358,912; Sept. 26.
Dimple Tie Corporation. (See Kleinmann, Max, assignor.)
Dimple Tie Corporation. (See Naftali, H. and V., assignors.)
Dingley, Edward N., Jr., Arlington, Va. Blind landing equipment. 2,338,100; Jan. 4.
Dingley, Edward N., Jr., Arlington, Va. Instrument landing equipment. 2,340,282; Jan. 25.
Dingley, Edward N., Jr., Arlington, Va. Speech garbling apparatus. 2,361,930; Nov. 7.
Dinkfeld, August M., Berkeley, Calif., and T. C. Pond, Parsons, Kans., assignors to Johns-Manville Corporation, New York, N. Y. Manufacture of structural shapes and resultant product. 2,348,614; May 9.
Dinley, Clarence F., assignor to Detroit Rex Products Company, Detroit, Mich. Attrition mill. 2,340,456; Feb. 1.
Dinley, Clarence F., assignor to Detroit Rex Products Company, Detroit, Mich. Still. 2,343,646; Mar. 7.
Dinnick, George M. (See Mouromtseff, I. E., and Dinnick.)
Dinning, Ernest L., Jr., Baltimore County, Md. Preparing low-loss insulating material. 2,350,088; May 30.
Dinsmore, Theodore R., and H. M. Taylor, assignors to Curtis Pump Company, Dayton, Ohio. Booster pump impeller construction. 2,361,750; Oct. 31.
Dion, Amedee, Ste-Therese de Blainville, Quebec, Canada. Straw bruiser. 2,340,437; Feb. 1.
Dion, Gerald J. (See Dion, Walter G. and G. J.)
Dion, Walter G. and G. J., Buffalo, N. Y. Light projector. 2,347,771; May 2.
Di Pietro, Carmelo V., Birmingham, Mich. Carbonator. 2,348,791; May 16.
Dippel, Cornelis J. (See Cramwinckel, A., and Dippel.)
Dippel, Cornelis J. (See Schoonenberg, P., Hardenberg, and Dippel.)

Dirksen, Arnold D., Dayton, Ohio. Illuminated tow target. 2,342,651; Feb. 29.
Dirksen, Arnold D., Dayton, Ohio. Ultraviolet fluorescent instrument illumination. 2,347,671; May 2.
Dirksen, Arnold D., Dayton, Ohio, and J. M. Roper, Washington, D. C. Ultraviolet instrument light. 2,347,672; May 2.
Diroff, Alton J. (See Pelcher, W. J., and Diroff.)
Di Rubbio, Antonio, Brooklyn, N. Y. Cigarette holder. 2,346,967; Apr. 4.
Di Rubbio, Antonio, Brooklyn, N. Y. Cigarette holder and butt ejector. 2,355,388; Aug. 8.
Di Rubbio, Antonio, Brooklyn, N. Y. Cigarette holder. 2,365,061; Dec. 12.
Disbro, Ira R. (See Conlton, J. S., and Disbro.)
Discher, Edward W., Milwaukee, Wis. Bowling ball return runway. 2,345,964; Apr. 4.
Diserens, Ralph S. (See Hazelton, M. W., and Diserens.)
Dishmaker, Anton, Fond-du-Lac, Wis. Invalid bed. 2,360,404; Oct. 17.
Dismukes, Newton B., Houston, Tex., assignor to Standard Oil Development Company. Acid treating well. 2,358,562; Sept. 19.
Disney, Walt, Productions. (See Justice, William B., assignor.)
Diss, Alma M. S., Seattle, Wash. Face mask. 2,355,283; Aug. 8.
Disse, Josef A., Detroit, Mich. Riveting device. 2,349,341; May 23.
Disse, Josef A., Detroit, Mich. Scraper. 2,350,157; May 30.
Disse, Josef A., Detroit, Mich. Scraper. 2,353,296; July 11.
Disse, Josef A., Detroit, Mich. Scraper. 2,359,408; Oct. 3.
Di Stefano, Thomas, Providence, R. I. Automatic motor starting change-over device for use with two or more motion-picture projectors. 2,343,046; Feb. 29.
Distillation Products, Inc. (See Baxter, James G., assignor.)
Distillation Products, Inc. (See Baxter, J. G., and Lehman, assignors.)
Distillation Products, Inc. (See Baxter, J. G., and Robeson, assignors.)
Distillation Products, Inc. (See Baxter, J. G., and Taylor, assignors.)
Distillation Products, Inc. (See Cawley, John D., assignor.)
Distillation Products, Inc. (See Hickman, Kenneth C. D., assignor.)
Distillation Products, Inc. (See Hickman, K. C. D., and Hecker, assignors.)
Distillation Products, Inc. (See Hickman, K. C. D., and Kuhrt, assignors.)
Distillers Company Limited, The. (See Mair, Hugh, assignor.)
Distillers Company Limited. (See Stanley, H. M., and Salt, assignors.)
Distillers Company, Limited, The. (See Staudinger, H. P., and Tuerck, assignors.)
Ditchfield, Frank, assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Door lift mechanism. 2,347,255; Apr. 25.
Ditchfield, Frank, assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Car door construction. 2,362,362; Nov. 7.
Ditesheim, Georges, La Chaux-De-Fonds, Switzerland. Watch. 2,341,271; Feb. 8.
Di Toro, Michael J., East Orange, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Oscillation translating device. 2,352,311; June 27.
Dittmer, Joseph C., St. Albans, assignor to National Lead Company, New York, N. Y. Generation of gaseous CO_2. 2,352,775; July 4.
Dittmer, Joseph C., St. Albans, assignor to National Lead Company, New York, N. Y. Refining lead or lead alloys. 2,365,177; Dec. 19.
Ditto, Incorporated. (See Jagger, Hubert, assignor.)
Ditto, Incorporated. (See Jagger, H., Schoenhardt, and Uhlig, assignors.)
Ditto, Incorporated. (See Levenhagen, A. J., and Champion, assignors.)
Ditto, Incorporated. (See Neal, Morris P., assignor.)
Ditto, Incorporated. (See Watkins, Lawrence A., assignor.)
Ditto, Incorporated. (See Williams, Robert A., assignor.)
Ditto, Marvin W., and W. P. Torrington, assignors to Emulsions Process Corporation, New York, N. Y. Vitaminizing fermented beverages. 2,364,060; Dec. 5.
Dittrich, Alex R., Maywood, N. J., assignor to The Linde Air Products Company. Jig for welding structural shapes. 2,352,097; July 4.
Dittrich, Walter H., Burgstadt, Germany; vested in the Alien Property Custodian. Apparatus for moving tool means in an irregular path. 2,345,104; Mar. 28.
Ditzel, Arthur C., Ellizabeth, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Purifying disodium phosphate. 2,349,943; May 30.
Ditzen, Edward C., San Leandro, assignor to Oliver United Filters Incorporated, Oakland, Calif. Precoat filter. 2,348,885; May 16.
Divco-Twin Truck Company. (See Nicol, John, assignor.)
Diver, James D., Detroit, Mich. Device for inserting and removing fluorescent lighting tubes. 2,360,657; Oct. 17.
Diversey Corporation, The. (See Hull, H. H., and Shere, assignors.)
Divine, Allen, Port Angeles, Wash. Fish lure. 2,338,577; Jan. 4.
Divine, Clarence E., Puyallup, Wash. Apparatus for lifting and turning invalids in bed. 2,350,595; June 6.
Di Vozzi, Vincent N., Newport, R. I. Airplane. 2,364,956; Dec. 12.
Dixie Cup Company. (See Barbieri, Cesare, assignor.)
Dixie Cup Company. (See Carew, Herman, assignor.)
Dixon, Cuthbert L., Dunkirk, N. Y. Water heater and the like. 2,350,450; June 6.
Dixon, Joseph, Crucible Company. (See Hasselquist, Hugo S., assignor.)
Dixon, Joseph, Crucible Company. (See Miller, Kay, assignor.)
Dixon, Joseph, Crucible Company. (See White, S. J., Simpson, and Meola, assignors.)
Dixon, Paul H., Wenham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Skiving machine. 2,349,850; May 30.
Dixon, Philip C., Houston, Tex., assignor to National Tank Company, Tulsa, Okla. Separating liquids and gases or gaseous fluids. 2,349,944; May 30.
Dixon, Ralph, New Rochelle, N. Y. Harvesting mechanism. 2,354,986; Aug. 1.
Dixon, Ralph H., Belleville, N. J. Centrifugal pump. 2,348,246; May 9.
Djidics, Alexander, and C. D. Pratt, Tamaqua, Pa., assignors to Atlas Powder Company, Wilmington, Del. Can connector device. 2,358,795; Sept. 26.
Doak Aircraft Co. Inc. (See McLaughlin, John E., assignor.)
Doan, Richard L., Bartlesville, Okla., assignor to Phillips Petroleum Company. Gas detection. 2,349,250; May 23.
Doan, Richard L., Bartlesville, Okla., assignor to Phillips Petroleum Company. Method and apparatus for detecting hydrocarbons. 2,362,805; Nov. 14.
Doane, Foster B. (See de Forest, A. V., and Doane.)
Doane, Harry C., Flint, assignor to General Motors Corporation Detroit, Mich. Direction signal device. 2,339,687; Jan. 18.
Doane, William A., Waverly, N. Y. Lifting mechanism for plows. 2,352,946; July 4.
Doba, Stephen, Jr., Long Island City, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric circuit. 2,363,659; Nov. 28.
Dobbs, Effie E., Texas City, Tex. Flashlight holder. 2,354,853; Aug. 1.
Dobell, C. (See Arnold, T. E., and Dobell.)
Doberstein, Edward J., Blue Island, assignor to Goodman Manufacturing Company, Chicago, Ill. Cutter chain. 2,348,061; May 2.
Dobkin, William J., Jackson Heights, assignor to Mac. B. Feinson, New York, N. Y. Mechanism for dispensing powdered materials. 2,358,913; Sept. 26.
Dobřemysl, Josef, Cambridge, England. Firearm. 2,361,180; Oct. 24.
Dobřemysl, Josef, Cambridge, England. Automatic gun. 2,365,459; Dec. 19.
Dobrosavljevitch, Slobodan M., Belgrade, Jugoslavia; vested in the Alien Property Custodian. Spark plug. 2,350,731; June 6.
Dobscha, Herman F., North Braddock, Pa. Blast furnace cinder notch stopper. Re. 22,479; May 16.
Dobson, William M. (See Frye, A. L., and Dobson.)
Dobson, William M., and A. L. Frye, Long Beach, and A. P. Lentz, Maywood, assignors to Richfield Oil Corporation, Los Angeles, Calif. Well completion fluid. 2,343,136; Feb. 29.
Dock, Mortimer R., New York, N. Y. Chain link. 2,347,088; Apr. 18.
Dodd, Arthur E., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrical control apparatus. 2,351,495; June 13.
Dodd, Arthur E., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrical relay. 2,355,959; Aug. 15.
Dodd, Arthur E., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Signal control apparatus. 2,362,194; Nov. 7.
Dodd, Louis C., Buffalo, N. Y., assignor to Magnus Metal Corporation, Chicago, Ill. Welding rod. 2,342,608; Feb. 22.
Dodd, Louis C., Buffalo, N. Y., assignor to Magnus Metal Corporation, Chicago, Ill. Welding rod. 2,349,945; May 30.
Dodds, William R. (See Schmitt, J. B., and Dodds.)
Doderer, Adolph W., assignor to Borg-Warner Corporation, Chicago, Ill. Platen for rolling apparatus. 2,345,467; Mar. 28.
Dodge, Adiel Y., Rockford, Ill. Master cylinder and piston construction. 2,340,113; Jan. 25.
Dodge, Adiel Y., Rockford, Ill. Automatic clutch. 2,340,368; Feb. 1.
Dodge, Adiel Y., Rockford, assignor to Borg-Warner Corporation, Chicago, Ill. Constant velocity universal joint. 2,341,084; Feb. 8.
Dodge, Adiel Y., Rockford, assignor to Borg-Warner Corporation, Chicago, Ill. Constant velocity universal joint. 2,352,776; July 4.
Dodge, Adiel Y., Rockford, Ill. Transmission. 2,355,709; Aug. 15.

Dodge, Adiel Y., Rockford, Ill. Clutch. 2,355,710; Aug. 15.
Dodge, Adiel Y., Rockford, Ill. One-way clutch. 2,360,481; Oct. 17.
Dodge, Adiel Y., Rockford, Ill. Air conditioning apparatus. 2,364,279; Dec. 5.
Dodge, Adiel Y., Rockford, Ill. One-way clutch. 2,364,280; Dec. 5.
Dodge, Adiel Y., Rockford, Ill. Combined one-way clutch and bearing. 2,365,062; Dec. 12.
Dodge, Frederick G. (See Croft, C. M., Bergeron, and Dodge.)
Dodge, Frederick G., La Vale, and W. K. McFarland, Frostburg, Md., assignors to Celanese Corporation of America. Tentering machine. 2,338,167; Jan. 4.
Dodge, George W., Greenwich, Conn., assignor to Paper and Industrial Appliances, Inc. Pulp beating engine. 2,360,854; Oct. 24.
Dodge, James K., and M. W. Johnson, Albany, Calif. Ash tray. 2,344,682; Mar. 21.
Dodge, Howard M., Wabash, Ind., assignor to The General Tire & Rubber Company, Akron, Ohio. Oil seal. 2,345,588; Apr. 4.
Dodge, Howard M., and R. J. Bush, Wabash, Ind., assignors to The General Tire & Rubber Company, Akron, Ohio. Shoe bottom filler. 2,348,674; May 9.
Dodge, Howard M., Wabash, Ind., assignor to The General Tire & Rubber Company, Akron, Ohio. Protective band for projectiles. 2,348,675; May 9.
Dodge, Lloyd L., assignor to National Paper and Chemical Company, Wausau, Wis. Treating fibrous web material. 2,338,710; Jan. 11.
Dodge Manufacturing Corporation. (See Firth, David, assignor.)
Dodge Manufacturing Corporation. (See Firth, D., and Lower, assignors.)
Dodge, Merton L., and W. V. Baker, Seattle, Wash. Gun and ammunition. 2,353,816; July 18.
Dodge, Milo C., and N. R. Axelsson, assignors to Columbian Rope Company, Auburn, N. Y. Rope structure and making same. 2,343,892; Mar. 14.
Dodge, Ronald D., Rochester, assignor to International Business Machines Corporation, New York, N. Y. Typewriter ribbon spool. 2,338,168; Jan. 4.
Dodson, David E., San Pedro, Calif. Black-out port ventilator. 2,348,886; May 16.
Dodington, Sven H. M., Forest Hills, N. Y., assignor to Federal Telephone and Radio Corporation. Radio equipment and assembly. 2,343,284; Mar. 7.
Dodington, Sven H. M., Forest Hills, N. Y., assignor to Federal Telephone and Radio Corporation. Rectifier. 2,343,285; Mar. 7.
Dodington, Sven H. M., Forest Hills, N. Y., assignor to Federal Telephone and Radio Corporation. Radio receiver. 2,357,442; Sept. 5.
Dodson, Carroll E., Kansas City, Mo., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Ice freezing tray. 2,345,799; Apr. 4.
Dodson, Edward, Somerset, England. Measuring pump. 2,343,962; Mar. 14.
Dodson, Edward, Puriton, near Bridgwater, England. Fluid operated means for controlling apparatus at a distance. 2,344,768; Mar. 21.
Dodson, Edward, Puriton, near Bridgwater, England. Fluid operated means for controlling apparatus at a distance. 2,346,418; Apr. 11.
Dodson, Edward, Oaks, Puriton, near Bridgewater, England. Fluid operated means for controlling apparatus at a distance. 2,364,352; Dec. 5.
Dodson, Glenn R., assignor of one half to L. A. Dodson, Wichita, Kans. Wall construction. 2,340,263; Jan. 25.
Dodson, Howard W., Aldan, assignor, by mesne assignments, to United Steel Barrel Company, Philadelphia, Pa. Fluid-tight closure means. 2,339,255; Jan. 18.
Dodson, Howard W., assignor, by mesne assignments, to United Steel Barrel Company, Philadelphia, Pa. Closure for sheet-metal container openings. 2,343,286; Mar. 7.
Dodson, Howard W., Aldan, assignor, by mesne assignments, to United States Barrel Company, Philadelphia, Pa. Closure means for container openings. 2,365,178; Dec. 19.
Dodson, Leon A. (See Dodson, Glenn R., assignor.)
Dodson, Mark, St. Louis, assignor to Edward Sebastian, University City, Mo. Shopping bag. 2,348,964; May 16.
Dodson, William C. (See Drum, H. S., and Dodson.)
Doe, Hans H., Milwaukee, Wis. Roofing joint. 2,356,833; Aug. 29.
Doe, Thomas B., and R. L. Kengott, New York, assignors to Ford Instrument Company, Inc., Long Island City, N. Y. Fuse. 2,362,121; Nov. 7.
Doe, Thomas B., and R. L. Kengott, New York, assignors to Ford Instrument Company, Inc., Long Island City, N. Y. Fuse. 2,362,122; Nov. 7.
Doe, Thomas B., New York, and E. P. Ross, Forest Hills, assignors to Ford Instrument Company, Inc., Long Island City, N. Y. Fuse. 2,362,123; Nov. 7.
Doede, Clinton M., Hamden, assignor to The Connecticut Hard Rubber Company, New Haven, Conn. Sealing ring or the like. 2,362,363; Nov. 7.
Doehler Die Casting Company. (See Harrison, George, assignor.)
Doehm, Karl A., West New York, N. J., assignor to Samuel Briskman, New York, N. Y. Pinking machine. 2,348,529; May 9.
Doelker, William J., assignor to The National Cash Register Company, Dayton, Ohio. Electric coil. 2,342,532; Feb. 22.
Doering, Charles, Chicago, Ill. Self-adjusting hat fitting appliance and the like. 2,348,615; May 9.
Doerr, Harry E., St. Louis, Mo., assignor to General Steel Castings Corporation, Granite City, Ill. Locomotive tender structure. 2,339,844; Jan. 25.
Doerr, Norman A., Washington, D. C. Detachable ornament or insigne. 2,345,556; Apr. 4.
Doerr, Ray, assignor to H. B. Sherman Manufacturing Co., Battle Creek, Mich. Hose nozzle. 2,343,647; Mar. 7.
Doerrier, Raymond, Chicago, Ill. Self-inking stamp. 2,347,996; May 2.
Doggett, Leo W., Chicago, Ill., assignor to Automatic Canteen Company of America. Cup chamber door assembly for beverage vending machines. 2,355,426; Aug. 8.
Doherty, Arthur, Los Angeles, Calif. Producing structural elements. 2,353,447; July 11.
Doherty, Arthur, Los Angeles, Calif. Combination furnace and water heater. 2,354,507; July 25.
Doherty, Harry J. (See Lowther, Wilfred W., assignor.)
Dohoney, Rudolph F., St. Louis, Mo. Shoe sole. 2,341,085; Feb. 8.
Dohrn, Max, Berlin-Charlottenburg, and P. Diedrich, Finkenkrug, Osthavelland, Germany, assignors to Schering Corporation, Bloomfield, N. J. Azo sulphonamide compounds and producing the same. 2,340,584; Feb. 1.
Dohrn, Max, Berlin-Charlottenburg, and P. Diedrich, Finkenkrug, Osthavelland, near Berlin, Germany, assignors to Schering Corporation, Bloomfield, N. J. Valuable derivatives of sulphonamides and making the same. 2,341,086; Feb. 8.
Dohrn, Max, Berlin-Charlottenburg, and P. Diedrich, Finkenkrug, Osthavelland, near Berlin, Germany, assignors to Schering Corporation, Bloomfield, N. J. Poly iodized derivatives of the hydroxy diphenyl carboxylic acids and preparing the same. 2,345,384; Mar. 28.
Dohrn, Max, Berlin-Charlottenburg, and P. Diedrich, Finkenkrug, Osthavelland, near Berlin, Germany, assignors to Schering Corporation, Bloomfield, N. J. Pyrazolone salts of sulphonamides. 2,345,385; Mar. 28.
Dohrn, Max, Berlin-Charlottenburg, and O. Laubereau, Berlin-Neukolln, Germany, assignors to Schering Corporation, Bloomfield, N. J. Azo derivatives of sulphones and making the same. 2,351,936; June 20.
Doley, Edward A. (See Thayer, S. A., Binkley, McKee, MacCorquodale, and Doley.)
Doke, Ernest G. (See MacLean, J. A., McNaught, and Doke.)
Doke, Ernest G., assignor to MacLean-Fogg Lock Nut Company, Chicago, Ill. Floor securing clip. 2,340,490; May 23.
Doke, Ernest G., assignor to MacLean-Fogg Lock Nut Company, Chicago, Ill. Securing clip. 2,354,806; July 25.
Doke, Ernest G., assignor to MacLean-Fogg Lock Nut Company, Chicago, Ill. Floor clip. 2,354,802; Aug. 1.
Dolan, II, Charles H., Kansas City, Mo. Automatic feeder. 2,340,540; May 23.
Dolan, Corinne C., administratrix. (See Dolan, David J.)
Dolan, Cyril L., Minneapolis, Minn., assignor to The Egry Register Company, Dayton, Ohio. Ribbon control. 2,365,254; Dec. 19.
Dolan, David J., Cleveland Heights, Ohio, C. C. Dolan, administratrix of said David J. Dolan, deceased. Clutch and transmission. 2,338,693; Jan. 4.
Dolan, Francis D., Dundalk, Md., assignor to Bethelehem Steel Company. Burr masher. 2,348,283; May 9.
Dolan, Harry. (See Rosenstein, A., and Dolan.)
Dolan, Paul M. (See Weir, F. M., and Dolan.)
Dole Valve Company, The. (See Brown, Clyde A., assignor.)
Dole Valve Company, The. (See Lund, James K., assignor.)
Doll, Elmer J., Kansas City, Mo. Fluid fuel burner. 2,358,386; Sept. 19.
Doll, Henri G., Paris, France, assignor, by mesne assignments, to Schlumberger Well Surveying Corporation, Houston, Tex. Method and apparatus for conducting different investigations simultaneously in bore holes. 2,357,177; Aug. 29.
Doll, Henri G., Paris, France, assignor, by mesne assignments, to Schlumberger Well Surveying Corporation, Houston, Tex. Method and apparatus for investigating bore holes. 2,357,178; Aug. 29.
Doll, Henri-Georges, assignor to Schlumberger Well Surveying Corporation, Houston, Tex. Delayed action fuse. 2,363,234; Nov. 21.
Doll, Howard F., Racine, Wis., assignor to The Dumore Company. Electric clutch and brake mechanism. 2,354,854; Aug. 1.
Doll, Joseph A., Mineola, N. Y. Razor blade sharpener. 2,363,579; Nov. 28.
Dolman, Clarence D., Chelan County, Wash., assignor to Hercules Glue Company, Ltd. Spray composition. 2,346,362; Apr. 11.

Dolyniuk, Stephen E., Beifield, N. Dak. Portable grain loading elevator. 2,355,711; Aug. 15.
Domaleski, Joseph V. (See Clark, J. E., Domaleski, and Roncl.)
Dombrow, Bernard A., New York, N. Y., assignor to National Oil Products Company, Harrison, N. J. Treating glyceride oils. 2,357,881; Sept. 12.
Dome, Robert B., Bridgeport, Conn., assignor to General Electric Company. Noise balancing. 2,354,508; July 25.
Dome, Robert B., Bridgeport, Conn., assignor to General Electric Company. Frequency modulation receiver. 2,362,806; Nov. 14.
Dome, Robert B., Bridgeport, Conn., assignor to General Electric Company. Television signal translating circuit. 2,363,290; Nov. 21.
Domestic Industries, Inc. (See Zeindler, Werner, assignor.)
Dominguez Agurcia, Roberto, Comayaguela, D. C., Honduras. Music leaf turner. 2,352,605; July 4, 1944.
Dominick Calderazzo. (See Jayne, Bennett, assignor.)
Dominion Engineering Works Limited. (See Maude, John H., assignor.)
Dominion Magnesium Limited. (See Hertel, MacNeil E., assignor.)
Dominion Magnesium Limited. (See Pidgeon, Lloyd M., assignor.)
Dominion Textile Company Limited. (See Kershaw, John G., assignor.)
Domler, Charles A., assignor to The Hadley Company, Inc., Providence, R. I. Safety clasp. 2,357,882; Sept. 12.
Domoj, John J., U. S. Navy. Airplane spotting and handling device. 2,349,251; May 23.
Donahoe, Patrick L., et al. (See Gross, Joseph, assignor.)
Donahue, William T., Chicago, Ill., assignor to Johns-Manville Corporation, New York, N. Y. Insulation package. 2,354,186; July 25.
Donaldson Company. (See Lowther, Wilfred W., assignor.)
Donaldson, Eleanor, and F. Chatfield; said Chatfield, assignor to Munsingwear, Inc., Minneapolis, Minn. Undergarment. 2,354,669; Aug. 1.
Donaldson, George, and J. P. Klee, Leicester, England, assignors to United Shoe Machinery Corporation, Flemington, N. J. Cutting die. 2,357,883; Sept. 12.
Donaldson, Harry J., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Two-way amplifier. 2,366,011; Dec. 26.
Donaldson, Jefferson R., assignor of twenty-five per cent to T. C. Daniell, Dallas, Tex. Vending machine. 2,358,563; Sept. 19.
Donaldson, Joseph M., El Segundo, Calif. Flange and angle level. 2,358,564; Sept. 19.
Donaldson, Robert B., Pittsburgh, assignor, to J. M. Hopwood, Mount Lebanon, Pa. Flowmeter. 2,351,745; June 20.
Donaldson, Robert R., Forest Hills, Pa. Pressure responsive device. 2,352,312; June 27.
Donaldson, Robert R., Pittsburgh, assignor to J. M. Hopwood, Mt. Lebanon, Pa. Pressure-actuated valve and vibration damping means therefor. 2,357,318; Sept. 5.
Donaldson, Werner G., Independence, Mo. Electrical or mechanical connector. 2,347,089; Apr. 18.
Donath, Ernst. (See Pier, M., and Donath.)
Donath, Ralph. (See Lau, A. J., and Donath.)
Donath, William E., Philadelphia, Pa. Adjustable pin gauge. 2,353,297; July 11.
Doncaster, Dan P., Long Island City, assignor to Columbia Broadcasting System, Inc., New York, N. Y. Television. 2,339,256; Jan. 18.
Dondlinger, Eugene J., Chicago, Ill. Pulverizer. 2,355,784; Aug. 15.
Donley, Harold B., Columbus, Ohio. Sealed type tail, stop, and direction signal. 2,343,754; Mar. 7.
Donnelly, James B. (See Oak, L. C., and Donnelly.)
Donnelly, Thomas S., Jr., assignor to Bordon Mfg. Co., Inc., Detroit, Mich. Electrode holder. 2,358,220; Sept. 12.
Donelson, William W., Boston, and J. W. Downey, Newton Center, assignors to The Federal Flooring Corporation, Boston, Mass. Flooring. 2,351,022; June 13.
Doner, Halbert C., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Frame for mounting and supporting mirrors. 2,347,176; Apr. 25.
Donnelly, Thomas S., Jr., assignor to Bordon Mfg. Co., Inc., Detroit, Mich. Electrode holder. 2,346,363; Apr. 11.
Donner, Carl H., Summit, and W. C. Weber, Nutley, assignors to The Chapal Donner Corporation, Newark, N. J. Fur pelt or skin stretching mechanism. 2,357,884; Sept. 12.
Donner, Friedrich O., Chemnitz, Germany; vested in the Alien Property Custodian. Manufacture of hosiery. 2,338,375; Jan. 4.
Donner, Stephen N., assignor of one-half to J. Cosgriff, Detroit, Mich. Sanitary cover for cans. 2,344,343; Mar. 14.
Dono, George E., and R. H. Goddard, Oxford, assignors to Morris Motors Limited, Cowley, Oxford, England. Heat interchange apparatus. 2,345,331; Mar. 28.
Dono, George E., and R. H. Goddard, assignors to Morris Motors Limited, Cowley, Oxford, England. Heat interchange apparatus. 2,356,919; Aug. 29.
Donofrio, Alfonso M., Toledo, Ohio. Predetermining time delay. 2,338,803; Jan. 11.
Donovan, Arthur B., Boston, Mass. Catamenial tampon. 2,340,311; Feb. 1.
Donovan, Cornelius J., Yonkers, N. Y. Match book holder. 2,353,656; July 18.
Donovan, Frank E., Norwell, assignor to Specialty Converters, Inc., Braintree, Mass. Reinforced laminated fibrous sheet and making the same. 2,361,751; Oct. 31.
Donovan, James M., assignor to M. A. Donovan, Chicago, Ill. Garment belt. 2,345,242; Mar. 28.
Donovan, James P., and W. R. MacDonald, Quincy, Mass. Broadcasting apparatus. 2,338,320; Jan. 4.
Donovan, John B. (See McCarty, Madison P., assignor.)
Donovan, John J., West Roxbury, Mass. Black-out switch. 2,365,530; Dec. 19.
Donovan, Marie A. (See Donovan, James M., assignor.)
Dons, Eddie M., and O. G. Mauro, assignors to Mid-Continent Petroleum Corporation, Tulsa, Okla. Apparatus for using normally gaseous solvents to separate wax and oil. 2,354,246; July 25.
Dons, Eddie M., and O. G. Mauro, assignors to Mid-Continent Petroleum Corporation, Tulsa, Okla. Process of using normally gaseous solvents to separate wax and oil. 2,354,247; July 25.
Dopp, Carl A. (See Fennema, R., de Craene, Dopp, and Venton.)
Doppelt, Charles, Chicago, Ill. Container. 2,346,563; Apr. 11.
Doran Brothers, Incorporated. (See Schultze, Paul, assignor.)
Doran, Henry G., North Adams, Mass. Cribbing or digging tool. 2,359,089; Sept. 26.
Doran, John C. (See Schultze, Paul, assignor.)
Doran, John H., Scotia, N. Y., assignor to General Electric Company. Turbine bucket wheel and the like. 2,347,034; Apr. 18.
Dorbin Metal Strip Manufacturing Co. (See Shogren, Charles A., assignor.)
Doré, Arthur J., assignor to Teletype Corporation, Chicago, Ill. Telegraph switching system. 2,365,750; Dec. 26.
Dore, Evelyn, New York, N. Y. Electrically lighted lamp. 2,347,315; Apr. 25.
Dorey, George B., Westmont, Quebec, Canada. Discharge outlet for railway cars and the like. 2,340,519; Feb. 1.
Dorey, George B., Westmount, Quebec, Canada. Shock absorber. 2,355,783; Aug. 15.
Dorfan, Morton I., assignor, by mesne assignments, to Koppers Company, Pittsburgh, Pa. Rack for dip coating sheetlike material. 2,344,855; Mar. 21.
Dorfan, Morton I., assignor, by mesne assignments, to Koppers Company, Inc., Pittsburgh, Pa. Apparatus for heating coating materials. 2,365,336; Dec. 19.
Dorfman, Hiller D., Forest Hills, and L. W. Dyer, Wilkinsburg, assignors to Westinghous Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,345,105; Mar. 28.
Dorfman, Irving, assignor to Federal Carton Corporation, New York, N. Y. Folding box and blank for making same. 2,353,298; July 11.
Dorfman, John, assignor to Malco, Inc., New York, N. Y. Game or similar device. 2,355,785; Aug. 15.
Dorgelo, Eduard G. (See Posthumus, K., Penning, Dorgelo, and Verbug.)
Dorman, Edgar P., assignor to The United Glass Bottle Manufacturers Limited, London, England. Glassworking machine. 2,361,824; Oct. 31.
Dorman, James A., Washington, Mo. Pliers. 2,341,533; Feb. 15.
Dormeyer, A. F., Mfg. Co. (See Behar, Sam, assignor.)
Dormeyer, A. F., Mfg. Co. (See Strauss, Alfred, assignor.)
Dorn, Walter, Valhingen-Rohr, and E. Munk, Esslingen-on-the-Neckar, Germany; vested in the Alien Property Custodian. Device for metallizing. 2,341,603; Feb. 15.
Dornbrook, Frederick L., assignor to Wisconsin Electric Power Company, Milwaukee, Wis. Supplementary auxiliary apparatus for prime movers. 2,347,471; Apr. 25.
Dornheim, Otto. (See Krzikalla, H., Dornheim, and Pfitzner.)
Dornier, Claude, Friedrichshafen, Lake of Constance, Germany; vested in the Alien Property Custodian. Propelling plant for aircraft. 2,348,792; May 16.
Dornig, Mario, Milan, Italy; vested in the Alien Property Custodian. Elastic coupling device with rubber balls. 2,356,572; Aug. 22.
Dorough, George L. (See Agre, C. L., Dorough, and Hanford.)
Dorr Company, The. (See Clemens, Robert F., assignor.)
Dorr Company, The. (See Darby, George M., assignor.)
Dorr Company, The. (See Fahrenwald, Arthur W., assignor.)
Dorr Company, The. (See Fischer, A. J., and Weber, assignors.)
Dorr Company, The. (See Geissler, William E., assignor.)
Dorr Company, The. (See Grothe, John D., assignor.)
Dorr Company, The. (See Jukkola, Walfred W., assignor.)

Dorr Company, Inc., The. (See Kelly, E. M., and Kivari, assignors.)
Dorr Company, The. (See Lasseter, Franklin P., assignor.)
Dorr Company, The. (See Linch, Harry A., assignor.)
Dorr Company, The. (See McHugh, P. M., and Weber, assignors.)
Dorr Company, The. (See Reybold, D. C., and Fischer, assignors.)
Dorr Company, The. (See Robert, E. J., Weber, and Fischer, assignors.)
Dorr Company, The. (See Scott, Charles H., assignor.)
Dorr Company, The. (See Weber, William C., assignor.)
Dorr Company, Inc., The. (See Shafor, Ralph W., assignor.)
Dorrance, David W., deceased, San Jose, Calif.; M. B. Dorrance, executrix. Artificial arm joint. 2,349,411; May 23.
Dorrance, May B., executrix. (See Dorrance, David W.)
Dorrington, Neill E. (See Hartman, C. H., Marsh, and Dorrington.)
Dorsey, Peter J., assignor of one-half to A. G. Ball, Sr., New Orleans, La. Bale buckle reconditioner. 2,341,428; Feb. 8.
Dorsman, Cornelis. (See Reynst, M. F., Rinia, Stigter and Dorsman.)
Dorsman, Cornelis, M. F. Reynst, and R. Veldhuisen, Eindhoven, Netherlands; vested in the Alien Property Custodian. Device for oscillographing electrical or mechanical processes. 2,344,344; Mar. 14.
Dorst, James A., United States Army, Geiger Field, Wash. Cargo handling apparatus. 2,353,135; July 11.
Dort, Russell L. (See Andrews, N. F., and Dort.)
Dort, Russell L. (See Paradise, L. A., Coultas, and Dort.)
Dortua, Ernest L., Fort Wayne, Ind. Lifter. 2,361,463; Oct. 31.
Dorward, John G., Jr., Alameda, Calif. Air volume control for fluid pressure tanks. 2,347,472; Apr. 25.
Dory, Albert J., Chicago, Ill. Artificial fishing lure. 2,355,628; Dec. 19.
Doser, Albert J. (See Hammond, E. H., and Doser.)
Doskocil, John F., Jr. (See Ostolaza, F., and Doskocil.)
Dosmann, Lucian P., Mishawaka, Ind., assignor to United States Rubber Company, New York, N. Y. Making cellular rubber. 2,363,051; Nov. 21.
Dostal, Frans. (See Scherer, O., Dostal, and Dachlauer.)
Dostal & Lowey Co. (See Read, Philip C., assignor.)
Dostalik, Henry E. (See Marrow, K., and Dostalik.)
Doster, Howard G., Wadsworth, and R. H. Hanlon, Sharon Center, assignors to The Ohio Injector Company, Wadsworth, Ohio. Molding rubber articles. 2,363,508; Nov. 28.
Doty, Charles R. (See Lemmon, W. S., Doty, Wals, and Holt.)
Doty, Charles R., Yonkers, assignor to International Business Machines Corporation, New York, N. Y. Record controlled perforating apparatus. 2,340,800; Feb. 1.
Doty, Charles R., Yonkers, and E. J. Rabenda, Binghamton, assignors to International Business Machines Corporation, New York, N. Y. Record controlled perforating apparatus. 2,340,801; Feb. 1.
Doty, Charles R., Yonkers, assignor to International Business Machines Corporation, New York, N. Y. Translating device. 2,343,404; Mar. 7.
Doty, Charles R., Yonkers, assignor to International Business Machines Corporation, New York, N. Y. Communication apparatus. 2,343,405; Mar. 7.
Doty, Charles R., Yonkers, assignor to International Business Machines Corporation, New York, N. Y. Card punching machine. 2,357,460; Sept. 5.
Doty, Clifford B., assignor to Briggs Manufacturing Company, Detroit, Mich. Vehicle body. 2,361,608; Oct. 31.
Doty, Clifford B., assignor to Briggs Manufacturing Company, Detroit, Mich. Window assembly for vehicle bodies. 2,361,609; Oct. 31.
Doty, Clifford B., and T. Vigmostad, assignors to Briggs Manufacturing Company, Detroit, Mich. Vehicle body. 2,361,610; Oct. 31.
Dotzer, Leonard, Milton, Mass. Grinding mill. 2,344,504; Mar. 21.
Dotzer, Leonard, Milton, Mass. Grinding mill. 2,356,753; Aug. 29.
Double Duty Products. (See Houghton, Ellis M., assignor.)
Doucher, William L., Philadelphia, Pa., assignor to Radio Corporation of America. Range finder. 2,352,777; July 4.
Dougherty, Edward G., Fairhope, Ala. Mechanical movement. 2,364,429; Dec. 5.
Dougherty, Martinello P., Marysville, Kans. Conduit coupling device. 2,343,755; Mar. 7.
Dougherty, Mayburn R. (See Gean, W. E., and Dougherty.)
Dougherty, Patrick F., Chester, and P. D. Barton, Phoenixville, assignors to Sun Oil Company, Philadelphia, Pa. Detecting petroleum deposits. 2,346,735; Apr. 18.
Dougherty, Robert J., Ambler, assignor to John Wood Manufacturing Company, Inc., Conshohocken, Pa. Thermostatically operative valve. 2,348,965; May 16.
Dough-King, Inc. (See Coyne, William R., assignor.)
Dough-King, Inc. (See Gardner, Stephen A., assignor.)
Doughman, Ferman C., Stamford, Conn., assignor to Electrolux Corporation, New York, N. Y. Humidifier. 2,345,658; Apr. 4.
Doughman, Ferman C., Stamford, Conn., assignor to Electrolux Corporation, New York, N. Y. Vacuum cleaner. 2,360,211; Oct. 10.
Doughman, Ferman C., and E. C. Wahlberg, Stamford, Conn., assignors to Electrolux Corporation, New York, N. Y. Electric switching device. 2,360,856; Oct. 24.
Doughty, Howard W., Jr., Westfield, Mass., assignor to Tubize Chatillon Corporation, New York, N. Y. Thread-winding apparatus. 2,351,411; June 13.
Doughty, Howard W., Jr., assignor to Foster Machine Company, Westfield, Mass. Yarn winding machine. 2,355,634; Aug. 15.
Doughty, Leon A., Glenside, assignor to Carlile & Doughty, Incorporated, Conshohocken, Pa. Storage battery cover. 2,349,031; May 16.
Doughty, Leon A., Glenside, assignor to Carlile & Doughty, Incorporated, Conshohocken, Pa. Separator for batteries. 2,360,658; Oct. 17.
Doughty, Marvin A. (See Wildeboor, F. W., and Doughty.)
Douglas Aircraft Company. (See Adams, H. W., and Kleinhans, assignors.)
Douglas Aircraft Company. (See Adams, H. W., and Wheelon, assignors.)
Douglas Aircraft Company. (See Combs, F. M., and Squiers, assignors.)
Douglas Aircraft Company. (See Devlin, L. J., Adams, Landgraf, and Glasgow, assignors.)
Douglas Aircraft Company. (See Hamilton, Walter A., assignor.)
Douglas Aircraft Company. (See Harpoothian, Edward, assignor.)
Douglas Aircraft Company. (See Hurst, James G., assignor.)
Douglas Aircraft Company. (See Kleinhans, E. S., and Dunlap, assignors.)
Douglas Aircraft Company. (See Klemperer, Wolfgang B., assignor.)
Douglas Aircraft Company. (See Milburn, P. W., and Adamson, assignors.)
Douglas Aircraft Company. (See Noble, J. D., and Van Dyke, assignors.)
Douglas Aircraft Company. (See Parker, Richard T., assignor.)
Douglas Aircraft Company. (See Peed, G. P., Jr., and Petersen, assignors.)
Douglas Aircraft Company. (See Shogran, Ivar L., assignor.)
Douglas Aircraft Company. (See Tuttle, Eugene F., assignor.)
Douglas, Bradley C. (See Kauffman, L. S., and Douglas.)
Douglas, Frank L., North Cerney, near Cirencester, England. Road or like percussive drill. 2,343,137; Feb. 29.
Douglas, H. A., Mfg. Co. (See Beal, Fay, assignor.)
Douglas, H. A., Mfg. Co. (See Wood, Morris E., assignor.)
Douglas, James K., Sherwood, assignor to The Oilgear Company, Milwaukee, Wis. Hydraulic drive. 2,345,920; Apr. 4.
Douglas, John F., assignor to Durabilt Steel Locker Co., Aurora, Ill. Filing equipment. 2,347,035; Apr. 18.
Douglas, H. A., Mfg. Co. (See Bolley, Herschel C., assignor.)
Douglas, H. A., Mfg. Co. (See Drury, Thomas W., assignor.)
Douglas, H. A., Mfg. Co. (See Johnson, Elmer R., assignor.)
Douglas, H. A., Mfg. Co. (See Kalvin, Edwin F., assignor.)
Douglas, H. A., Mfg. Co. (See Richards, Wayne V., assignor.)
Douglas & Lomason Co. (See Wieckol, William A., assignor.)
Douglas, Morris D., Willoughby, assignor to The Cleveland Container Company, Cleveland, Ohio. Tubular container. 2,355,584; Aug. 8.
Douglas, Norvel, New Rochelle, N. Y., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Electrical surveying. 2,364,957; Dec. 12.
Douglas, Roy R. (See Robertson, M. M., and Douglas.)
Douglas, Stuart D. (See Ferrer, J. P., and Douglas.)
Douglas, Stuart D., Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Vinyl resin composition. 2,349,412; May 23.
Douglas, Wallace R. and W. H., Crete, Nebr. Voting booth assembly. 2,354,743; Aug. 1.
Douglas, William H. (See Douglas, Wallace R. and W. H.)
Douglass, Edward R., Eckman, N. Dak. Combined knife and razor. 2,349,252; May 23.
Douglass, J. T., et al. (See Cunningham, James E., assignor.)
Douglass, James L., Cleveland Heights, Ohio. Tube coupling. 2,349,081; May 16.
Douglass, William H., Prentice, Wis. Dropper bottle. 2,350,596; June 6.
Douma, Tjiske, Eindhoven, Netherlands; vested in the Alien Property Custodian. Aerial system. 2,345,735; Apr. 4.
Doumani, Thomas F. (See Kobe, K. A., and Doumani.)

Doumani, Thomas F., Wilmington, assignor to Union Oil Company of California, Los Angeles, Calif. Reduction of sulphur dioxide to hydrogen sulphide and free sulphur. 2,361,825; Oct. 31.
Doumaux, Jerome N., Great Neck, assignor to The B. V. D. Corporation, New York, N. Y. Shirt. 2,344,204; Mar. 14.
D'Ouville, Edmond L. (See Carmody, D. R., Evering, and d'Ouville.)
D'Ouville, Edmond L. (See Evering, B. L., and d'Ouville.)
D'Ouville, Edmond L., and B. L. Evering, assignors to Standard Oil Company, Chicago, Ill. Alkylation of aromatics. 2,338,711; Jan. 11.
D'Ouville, Edmond L., and B. L. Evering, assignors to Standard Oil Company, Chicago, Ill. Hydrocarbon conversion. 2,361,611; Oct. 31.
Doverspike, Frank, Washington, D. C. Trap. 2,353,817; July 18.
Dow, Alva M., assignor to C. G. Dow, Braintree, Mass. Gun stabiliser. 2,348,114; May 2.
Dow, Carrie G. (See Dow, Alva M., assignor.)
Dow Chemical Company, The. (See Amos, J. L., Boundy, and Stober, assignors.)
Dow Chemical Company, The. (See Avery, George S., Jr., assignor.)
Dow Chemical Company, The. (See Barstow, Ormond E., assignor.)
Dow Chemical Company, The. (See Berhenke, L. F., Monroe, and Britton, assignors.)
Dow Chemical Company, The. (See Boyer, R. F., Matheson, and Moyle, assignors.)
Dow Chemical Company, The. (See Bradshaw, Russell E., assignor.)
Dow Chemical Company, The. (See Britton, E. C., and Berhenke, assignors.)
Dow Chemical Company, The. (See Britton, E. C., and Coleman, assignors.)
Dow Chemical Company, The. (See Britton, E. C., and Elsenman, assignors.)
Dow Chemical Company, The. (See Britton, E. C., and Hansen, assignors.)
Dow Chemical Company, The. (See Britton, E. C., and Huscher, assignors.)
Dow Chemical Company, The. (See Britton, E. C., and Le Febre, assignors.)
Dow Chemical Company, The. (See Britton, E. C., Marshall, and Le Fevre, assignors.)
Dow Chemical Company, The. (See Britton, E. C., and Taylor, assignors.)
Dow Chemical Company, The. (See Busk, Robert S., assignor.)
Dow Chemical Company, The. (See Chamberlain, Leonard C., assignor.)
Dow Chemical Company, The. (See Cole, Edward R., assignor.)
Dow Chemical Company, The. (See Coleman, G. H., and Griess, assignors.)
Dow Chemical Company, The. (See Coleman, G. H., and Hadler, assignors.)
Dow Chemical Company, The. (See Coleman, G. H., and Moyle, assignors.)
Dow Chemical Company, The. (See Coleman, G. H., Fletcher, and Lynn, assignors.)
Dow Chemical Company, The. (See Coleman, G. H., Fletcher, and Schroeder, assignors.)
Dow Chemical Company, The. (See Coleman, G. H., and Hadler, assignors.)
Dow Chemical Company, The. (See Coleman, G. H., Hadler, and Sapp, assignors.)
Dow Chemical Company, The. (See Coleman, G. H., and Schroeder, assignors.)
Dow Chemical Company, The. (See Collings, William R., assignor.)
Dow Chemical Company, The. (See Collings, W. R., and Knuppi, assignors.)
Dow Chemical Company, The. (See Cummins, Corliss F., assignor.)
Dow Chemical Company, The. (See De Long, Herbert K., assignor.)
Dow Chemical Company, The. (See Dreisbach, Robert R., assignor.)
Dow Chemical Company, The. (See Dreisbach, R. R., and Fletcher, assignors.)
Dow Chemical Company, The. (See Du Vall, R. B., and Grether, assignors.)
Dow Chemical Company, The. (See Fletcher, F. W., and Dreisbach, assignors.)
Dow Chemical Company, The. (See Frank, J. C., Amos, and Straubel, assignors.)
Dow Chemical Company, The. (See Freeman, Richard D., assignor.)
Dow Chemical Company, The. (See Freeman, R. D., and Anthonisen, assignors.)
Dow Chemical Company, The. (See George, Percy F., assignor.)
Dow Chemical Company, The. (See Grebe, John J., assignor.)
Dow Chemical Company, The. (See Grebe, J. J., and Harder, assignors.)
Dow Chemical Company, The. (See Griswold, Nelson D., assignor.)
Dow Chemical Company, The. (See Griswold, N. D., and Zller, assignors.)
Dow Chemical Company, The. (See Hanson, Alden W., assignor.)
Dow Chemical Company, The. (See Harder, Ernest H., assignor.)
Dow Chemical Company, The. (See Heath, Sheldon B., assignor.)
Dow Chemical Company, The. (See Heath, S. B., and Minger, assignors.)
Dow Chemical Company, The. (See Hebbard, G. M., and Hunt, assignors.)
Dow Chemical Company, The. (See Horsley, L. H., and Nutting, assignors.)
Dow Chemical Company, The. (See Hunt, W., and Hebbard, assignors.)
Dow Chemical Company, The. (See Kenaga, I. A., assignor.)
Dow Chemical Company, The. (See Kropscott, E. L., and Hunter, assignors.)
Dow Chemical Company, The. (See Law, D. C., and Ellis, assignors.)
Dow Chemical Company, The. (See Livak, John E., assignor.)
Dow Chemical Company, The. (See Livak, J. E., and Carlson, assignor.)
Dow Chemical Company, The. (See Lowry, R. D., and Reinhardt, assignors.)
Dow Chemical Company, The. (See Maier Charles G., assignor.)
Dow Chemical Company, The. (See Matheson, L. A., and Boyer, assignors.)
Dow Chemical Company, The. (See Morell, L., and Knutson, assignors.)
Dow Chemical Company, The. (See Newhams, William C., assignor.)
Dow Chemical Company, The. (See Owens, J. S., Heerema, and Stanton, assignors.)
Dow Chemical Company, The. (See Partansky, Alexander M., assignor.)
Dow Chemical Company, The. (See Perkins, Ralph P., assignor.)
Dow Chemical Company, The. (See Perkins, R. P., and Bryner, assignors.)
Dow Chemical Company, The. (See Peterson, Floyd C., assignor.)
Dow Chemical Company, The. (See Reilly, John H., assignor.)
Dow Chemical Company, The. (See Reinhardt, R. C., Jones, and Blackburst, assignors.)
Dow Chemical Company, The. (See Sarge, Theodore W., assignor.)
Dow Chemical Company, The. (See Shelley, Paul G., assignor.)
Dow Chemical Company, The. (See Slansky, Cyril M., assignor.)
Dow Chemical Company, The. (See Smith, Frank B., assignor.)
Dow Chemical Company, The. (See Smith, F. B., and Hansen, assignors.)
Dow Chemical Company, The. (See Stoesser, Wesley C., assignor.)
Dow Chemical Company, The. (See Stoesser, W. C., and Widiger, assignors.)
Dow Chemical Company, The. (See Stone, John B., assignor.)
Dow Chemical Company, The. (See Thrune, Richard I., assignor.)
Dow Chemical Company, The. (See Wagner, Robert, assignor.)
Dow Chemical Company, The. (See Wenck, Peter R., assignor.)
Dow Chemical Company, The. (See Widiger, Alexander H., Jr., assignor.)
Dow Chemical Company, The. (See Wiley, Ralph M., assignor.)
Dow, Dewey M., assignor to Air-Way Electric Appliance Corporation, Toledo, Ohio. Vacuum cleaner. 2,347,177; Apr. 25.
Dow, Dewey M., and F. H. Burmeister, assignors to Air-way Electric Appliance Corporation, Toledo, Ohio. Electric appliance. 2,348,966; May 16.
Dow, George L., South Bend, Ind., C. R. Fon Dersmith, Middletown, Ohio, and A. R. Waugaman, Grosse Pointe, Mich., assignors to The Babcock & Wilcox Company, Newark, N. J. Metallurgical furnace. 2,360,855; Oct. 24.
Dow, Grove S., Jr., and G. W. Onksen, Jr., Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Clamp and mounting bracket. 2,344,683; Mar. 21.
Dow, Harold T., Elma, N. Y., assignor to Spring Perch Company, Inc. Multileaved vehicle spring. 2,358,852; Sept. 26.
Dow, Harry E., and I. B. Andrews, Beverly, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J. Folding machine. 2,347,674; May 2.
Dow, James N. (See Hopkins, G. E., Dow, and Peters.)
Dow, James N., Longmeadow, Mass., and A. T. Dildilian, Suffield, assignors to Bigelow-Sanford Carpet Co., Inc., Thompsonville, Conn. Shoe sole. 2,364,134; Dec. 5.
Dow, John, Lakewood, Ohio. Changeable sign. 2,355,518; Aug. 8.
Dowd, Charles G., Baltimore, Md. Tool rack. 2,344,540; Mar. 21.

Dowd, Charles G., and G. P. Engler, Baltimore, Md. Spare tire carrier. 2,342,127; Feb. 22.

Dowd, Erith M., and C. S. Johnston, deceased, by C. L. Johnston, Amarillo, Tex., independent executrix. Grass stripper. 2,351,412; June 13.

Dowd, Thomas A., Siler City, N. C. Straddle-type log handling cart. 2,361,181; Oct. 24.

Dowden, Ernest J., Spirit Lake, Iowa. Speed registering device. 2,361,826; Oct. 31.

Dowding, Darrell M., et al. (See Buchet, Conrad R., assignor.)

Dowe, Leo H., Waukegan, Ill. Tool handle. 2,346,364; Apr. 11.

Dowell, Henry L., assignor of one-half to G. I. Shelton, Athens, Tex. Hose coupling. 2,361,827; Oct. 31.

Dowey, Thomas L., and C. A. Lovell, Summit, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coin signaling device. 2,345,040; Mar. 28.

Down, Cyril R., assignor to Automotive Products Company Limited, Leamington Spa, England. Telescopic shock absorber. 2,363,485; Nov. 28.

Down, Sidney G., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Governor and drain valve control apparatus. 2,347,939; May 2.

Downer, Katherine R., Villa Nova, Pa. Butter measure. 2,340,369; Feb. 1.

Downes, Alfred W., South Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Polymerizing vinyl chloride. 2,345,659; Apr. 4.

Downes, Alfred W., South Charleston, and J. R. Kernan, Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation. Polymerizing vinyl compounds. 2,345,660; Apr. 4.

Downes, Edward J., Albany, N. Y. Laundry drying machine. 2,344,135; Mar. 14.

Downes, Edward J., Albany, N. Y. Laundry machine. 2,348,115; May 2.

Downey, George T., assignor to Aero Supply Mfg. Co. Inc., Corry, Pa. Fluid pump. 2,346,014; Apr. 4.

Downey, George T., assignor to Aero Supply Mfg. Co. Inc., Corry, Pa. Selector valve. 2,354,582; July 25.

Downey, George T., assignor to Aero Supply Mfg. Co. Inc., Corry, Pa. Valve assembly. 2,357,582; Sept. 5.

Downey, George T., assignor to Aero Supply Mfg. Co. Inc., Corry, Pa. Bellows for valve structures. 2,365,063; Dec. 12.

Downey, James J., San Mateo, assignor of twenty-five percent to J. J. Downey, and twenty-five percent to F. Ames, San Francisco, Calif. Armored observation port. 2,351,253; June 13.

Downey, John W. (See Donelson, W. W., and Downey.)

Downey, Joseph J., et al. (See Downey, James J., assignor.)

Downey, Thomas B., Haddonfield, and H. E. Williams, Mullica Hill, assignors to Kind & Knox Gelatine Company, Camden, N. J., and Charles B. Knox Gelatine Company, Johnstown, N. Y. Preparing gelatine nutrient products. 2,338,415; Jan. 4.

Downing, Frederick B. (See Benning, A. F., Downing, and Plunkett.)

Downing, Frederick B., Penns Grove, N. J., and R. G. Clarkson, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Heating fuel oil. 2,338,578; Jan. 4.

Downing, Frederick B., Penns Grove, N. J., and H. M. Fitch, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Lubricant. 2,343,756; Mar. 7.

Downing, Frederick B., Penns Grove, N. J., and H. M. Fitch, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Lubricating oil. 2,356,661; Aug. 22.

Downing, Frederick B., and C. J. Pedersen, Penns Grove, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilization of organic substances. 2,363,777; Nov. 28.

Downing, Henry L., Flushing, and J. W. West, Woodmere, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,356,035; Aug. 15.

Downing, John. (See Groombridge, Walter H.)

Downingtown Manufacturing Company. (See Street, Edward T., assignor.)

Downs, Charles R., assignor to The Calorider Corporation, Old Greenwick, Conn. Vapor phase catalytic oxidation. 2,340,739; Feb. 1.

Downs, George F., Bartlesville, Okla., assignor to Phillips Petroleum Company. Oil well pump. 2,340,943; Feb. 8.

Downy Products Company. (See Blood, Grosvenor T., assignor.)

Dowty Equipment Limited. (See Bingham, Arthur E., assignor.)

Dowty Equipment Limited. (See Bound, Rowland H., assignor.)

Dowty Equipment (Canada) Limited. (See Wingate, Thomas R., assignor.)

Dowty, George H., Cheltenham, England. Resilient suspension device. 2,346,667; Apr. 18.

Doxford, William, & Sons Limited. See Purdie, William H., assignor.)

Doyle, Arthur J., assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Bulk materials container. 2,345,468; Mar. 28.

Doyle, James F., Forest Hills, assignor to Arkell Safety Bag Company, New York, N. Y. Valve bag. 2,347,673; May 2.

Doyle, Joseph A., New Dorp, and E. Hutchins, Corinth, N. Y.; said Hutchins assignor to International Paper Company. Web severing and transfer device. 2,343,047; Feb. 29.

Doyle, Lawrence N., Wollaston, Mass. Pulverizer. 2,342,255; Feb. 22.

Doyle, Robert A., Lynn, Mass. Fire extinguishing blanket. 2,340,370; Feb. 1.

Drabble, Dudley S. (See de Zarate, P. O., and Drabble.)

Drader, Joseph C., assignor to Michigan Tool Company, Detroit, Mich. Finishing gears. 2,344,292; Mar. 14.

Draeger, Arthur A., and W. B. Franklin, Baytown, Tex., assignors to Standard Oil Development Company. Chemical process. 2,349,415; May 23.

Dragics, Nicholas. (See Thomas, J. H., and Dragics.)

Drake, Alden M., assignor to Niles-Bement-Pond Company, West Hartford, Conn. Work holder for lapping devices. 2,362,543; Nov. 14.

Drake, Charles W., Kirkwood, assignor to McDonnell Aircraft Corporation, St. Louis, Mo. Abrading machine. 2,363,486; Nov. 28.

Drake, Earl D., Grand Rapids, assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,343,447; Mar. 7.

Drake, Earl D., Grand Rapids, assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,347,090; Apr. 18.

Drake, Earl D., Grand Rapids, assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,348,195; May 9.

Drake, Earl D., Grand Rapids, assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,358,221; Sept. 12.

Drake, Edward P. (See Ryan, C. D., and Drake.)

Drake, Edward P., and F. J. Alberty, Los Angeles, and W. H. Kagley, assignors to Lindsay Ripe Olive Company, Lindsay, Calif. Fruit pitting machine. 2,341,857; Feb. 15.

Drake, Edward P., and F. J. Alberty, Los Angeles, and W. H. Kagley, assignors to Lindsay Ripe Olive Company, Lindsay, Calif. Metering and conveying system. 2,350,020; May 30.

Drake, Henry G., and J. L. Wingate, Gastonia, N. C. Machine for making double loop hook and tie bands. 2,363,404; Nov. 21.

Drake, John L., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Worktable and laying glass sheets to be surfaced thereon. 2,339,158; Jan. 11.

Drake, John L., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Bending glass sheets. 2,348,887; May 16.

Drake, Robert L., assignor, by mesne assignments, to Lear Avia, Inc., Piqua, Ohio. Motor construction. 2,340,312; Feb. 1.

Drake, William H. H. (See Mills, D. E., Drake, and Laubach.)

Drane, Phillips B., Tulsa, Okla. Time controlled valve. 2,338,804; Jan. 11.

Drane, Phillips B., Tulsa, Okla. Pressure relief system for storage tanks. 2,348,888; Mar. 16.

Draney, Charles T. (See Steward, Clinton C.)

Draper, Allck D., Farnham, England. Centrifugal governor. 2,338,761; Jan. 11.

Draper Corporation. (See Allen, James G., assignor.)

Draper Corporation. (See Belforti, George F., assignor.)

Draper Corporation. (See Brown, Carl D., assignor.)

Draper Corporation. (See Budzyna, Walter J., assignor.)

Draper Corporation. (See Burdett, Horace H., assignor.)

Draper Corporation. (See Foster, Harry E., assignor.)

Draper Corporation. (See Hamilton, Wallace, assignor.)

Draper Corporation. (See Hancock, Quincy M., assignor.)

Draper Corporation. (See Nichols, E. C., and French, assignors.)

Draper Corporation. (See Repass, James E., assignor.)

Draper Corporation. (See Snow, Isaac, assignor.)

Draper Corporation. (See Tuten, James M., assignor.)

Draper Corporation. (See Villani, Antonio, assignor.)

Draper, Frederick C., Chipping Sodbury, and J. Shaw, Wotton-under-Edge, assignors to Parnall Aircraft Limited, Yate, near Bristol, England. Appliance for bending tubes, rods, and the like. 2,366,012; Dec. 26.

Draper, Harold W., West Orange, assignor to The Whitehead & Hoag Company, Newark, N. J. Identification badge. 2,349,032; May 16.

Drayer, Donald H., Brookmont, Md. Lintel. 2,361,828; Oct. 31.

Draving, Arthur M., Fesaterville, Pa., assignor to H. H. Eby, Fort Wayne, Ind. Duplex plug-in device. 2,361,679; Oct. 31.

Dravneek, Paul E., assignor to Induction Heating Corp., New York, N. Y. Induction heating apparatus. 2,353,130; July 11.

Dravo Corporation. (See Dawson, Albert J., assignor.)

Dray, Charles R., Rochester, N. Y. Lock for gates. 2,358,914; Sept. 26.

Dray, Walter K., Geneseo, Ill. Harvester-thresher combine. 2,352,257; June 27.

Drayer & Hanson, Incorporated. (See Clancy, Gilbert E., assignor.)

Drebes, Fred C., assignor to Boynton & Company, Chicago, Ill. Follower for file drawers. 2,361,829; Oct. 31.

Drebes, Fred C., assignor to Boynton & Company, Chicago, Ill. Follower for file drawers. 2,364,278; Dec. 5.

Dreese, Erwin E., S. O. Evans, and W. L. Davis, assignors to The Ohio State University Research Foundation, Columbus, Ohio. Switch. 2,365,064; Dec. 12.

Dreher, Donald F., Alhambra, Calif., assignor to Adhere, Incorporated. Adhesive label, tag, and the like. 2,364,607; Dec. 12.

Dreher, Donald F., and H. E. Lanzit, Los Angeles, Calif., assignors of one-fourth to W. W. Clarke and one-fourth to R. R. Lanzit. Sealing means for bags. 2,355,786; Aug. 15.

Dreher, Emil, Ludwigshafen-on-the-Rhine, Germany; vested in the Alien Property Custodian. Manufacture of resites. 2,351,937; June 20.

Dreher, George M., Grosse Pointe Woods, Mich. Analytical apparatus. 2,362,687; Nov. 14.

Dreher, Stanley C., assignor to The Minute-Man Machine Co., Cincinnati, Ohio. Abrasive cutoff machine. 2,354,500; July 25.

Drehs, William F., Reading, Pa. Photographic printing apparatus. 2,348,457; May 9.

Dreisbach, Charles A., assignor to Standard Radial Blast Corporation, Yonkers, N. Y. Scouring chamber for metal-scouring machines. 2,351,671; June 20.

Dreisbach, Edwin J., New Haven, Conn. Support for easel-back picture frames and the like. 2,356,036; Aug. 15.

Dreisbach, Robert R. (See Fletcher, F. W., and Dreisbach.)

Dreisbach, Robert R., assignor to The Dow Chemical Company, Midland, Mich. Making chlorobutyl-benzene compounds. 2,355,850; Aug. 15.

Dreisbach, Robert R., and F. W. Fletcher, assignors to The Dow Chemical Company, Midland, Mich. Parasiticide. 2,362,471; Nov. 14.

Dreisbach, Robert R., and F. W. Fletcher, assignors to The Dow Chemical Company, Midland, Mich. Fumigant mixtures. 2,362,472; Nov. 14.

Drenker, Josef, Cologne, Germany; vested in the Alien Property Custodian. Separating the cocoa seed from the cocoa bean. 2,338,376; Jan. 4.

Drennan, Harry E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Process and catalysts for the isomerization of hydrocarbons. 2,353,552; July 11.

Drennan, Harry E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Catalyst for the isomerization of olefins. 2,361,612; Oct. 31.

Drennan, Harry E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Isomerization of hydrocarbons. 2,361,613; Oct. 31.

Drennan, Harry E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Hydrogenating hydrocarbon oils. 2,365,751; Dec. 26.

Drennan, Orville F., assignor to Deere & Company, Moline, Ill. Planter. 2,364,958; Dec. 12.

Dresch, Israel J., assignor to The Dresch Laboratories Company, Toledo, Ohio. Base blank for dentures. 2,341,604; Feb. 15.

Dresch Laboratories Company, The. (See Dresch, Israel J., assignor.)

Drescher, Ernest W. (See Bennett, W. O., Jr., and Drescher.)

Drescher, Ernest W., Manheim Township, Lancaster County, assignor to Hamilton Watch Company, Lancaster, Pa. Protective device. 2,346,476; Apr. 11.

Drescher, Ernest W., Township of Manheim, Lancaster County, assignor to Hamilton Watch Company, Lancaster, Pa. Chronometer watch case. 2,352,889; July 4.

Drescher, Ernest W., Manheim Township, Lancaster County, assignor to Hamilton Watch Company, Lancaster, Pa. Timepiece setting device. 2,360,113; Oct. 10.

Drescher, John F., Los Angeles, Calif. Glider coupling. 2,356,920; Aug. 29.

Drescher, John F., West Los Angeles, and W. E. Hirtensteiner, Inglewood, Calif., assignors to Interstate Aircraft and Engineering Corp. Hydraulic gun charger. 2,356,981; Aug. 29.

Dresner, Emanuel, assignor to F. Poster, Chicago, Ill. Luggage. 2,362,807; Nov. 14.

Dressen, Harold V., Los Angeles, Calif. Wrist watch protector. 2,344,136; Mar. 14.

Dressler, Russell G., Middle River, Md., R. E. Vivian, Los Angeles, Calif., and T. Hasselstrom, Savannah, Ga. Treatment of tall oil. 2,358,004; Sept. 12.

Drew Associates, Inc. (See Dissinger, Harry G., assignor.)

Drew, Charles E. (See Benjamin, M. L., and Drew.)

Drew, Donald E., Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Regenerated cellulosic film coagulating bath. 2,360,405; Oct. 17.

Drew, Raymond L., Arlington, N. J., assignor to American Dyewood Company, New York, N. Y. Extraction of dyewood. 2,360,114; Oct. 10.

Drew, Richard G., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Coating composition and adhesive resulting therefrom. 2,350,732; June 6.

Drew, William F., Los Angeles, Calif. Steel building. 2,360,831; Oct. 24.

Drew, William F., Los Angeles, Calif. Oven. 2,363,120; Nov. 21.

Drews, Gustav. (See Hansen, James R., assignor.)

Drews, William F., River Forest, and A. E. Swickard, Chicago, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Piezoelectric crystal. 2,362,056; Nov. 7.

Drexler, Charles, and R. H. Morgan, Indianapolis, Ind., assignors to Dr. Robert R. Freund, Mount Carmel, Ill. Power and control for articulated beds. 2,344,397; Mar. 14.

Drexler, Joseph L. and S. L., Thibodaux, and R. Barker, Sr., Lockport, La. Reversible and angular control for propellers. 2,341,911; Feb. 15.

Drexler, Simon L. (See Drexler, Joseph L. and S. L., and Barker.)

Dreyer, Everett L., assignor to A. B. T. Manufacturing Corp., Chicago, Ill. Packaging method and means. 2,339,064; Jan. 11.

Dreyer, John F., Jr., Oceanside, N. Y., assignor to Radio Corporation of America. Automatic volume control circuits. Re. 22,537; Aug. 29.

Dreyfus, Camille, New York, N. Y. Screen. 2,353,224; July 11.

Dreyfus, Camille, New York, N. Y. Window screen. 2,353,225; July 11.

Dreyfus, Camille, New York, N. Y. Wearing apparel. 2,354,248; July 25.

Dreyfus, Camille, New York, N. Y. Producing shaped resinous artificial materials. 2,354,744; Aug. 1.

Dreyfus, Camille, New York, N. Y. Producing artificial shaped articles. 2,354,745; Aug. 1.

Dreyfus, Georges, Mountauban, France; vested in the Alien Property Custodian. Parachute belt. 2,351,938; June 20.

Dreyfus, Henry, London, England, assignor to Celanese Corporation of America. Production of organic compounds. 2,338,805; Jan. 11.

Dreyfus, Henry, London, England, assignor to Celanese Corporation of America. Manufacture of cellulose ethers. 2,340,177; Jan. 25.

Dreyfus, Henry, London, England, assignor to Celanese Corporation of America. Manufacture of oxygenated organic compounds. 2,340,371; Feb. 1.

Dreyfus, Henry, London, England, assignor to Celanese Corporation of America. Long-chain aliphatic isocyanides. 2,342,794; Feb. 29.

Dreyfus, Henry, London, England, assignor to Celanese Corporation of America. Production and/or treatment of polymers. 2,345,700; Apr. 4.

Dreyfus, Henry, London, England, assignor to Celanese Corporation of America. Production of halo-nitroalkanes. 2,345,701; Apr. 4.

Dreyfus, Henry, London, England, assignor to Celanese Corporation of America. Aliphatic dicarbylamines and producing them. 2,347,772; May 2.

Dreyfus, Henry, London, England, assignor to Celanese Corporation of America. Di(cyanamides) and their manufacture. 2,349,851; May 30.

Dreyfus, Henry, London, England, assignor to Celanese Corporation of America. Production of mixed esters of cellulose. 2,350,391; June 6.

Dreyfus, Henry, London, England, assignor to Celanese Corporation of America. Production of cellulose esters. 2,355,712; Aug. 15.

Dreyfus, Henry, London, England, assignor to Celanese Corporation of America. Production of cellulose esters. 2,356,228; Aug. 22.

Dreyfus, Henry, London, England, assignor to Celanese Corporation of America. Production of organic compounds. 2,361,997; Nov. 7.

Dreyfus, Henry, London, R. W. Moncrieff, and C. W. Sammons, Spondon, near Derby, England, assignors to Celanese Corporation of America. Production of artificial filaments, films, and other articles from organic polymerization products. 2,347,545; Apr. 25.

Dreyfus, Henry, London, and R. W. Moncrieff and H. Bates, Spondon, near Derby, England, assignors to Celanese Corporation of America. Production of acidyl derivatives of cellulose and other organic substances. 2,358,387; Sept. 19.

Dreyfus, Henry, London, and R. W. Moncrieff and C. W. Sammons, Spondon, near Derby, England, assignors to Celanese Corporation of America. Manufacture of artificial filaments, films, and like materials. 2,360,406; Oct. 17.

Dreyling, Alfred, South River, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Fingernail enamel remover composition. 2,351,195; June 13.

Driehaus, Herman W., assignor to Goodman Manufacturing Company, Chicago, Ill. Power transmission device. 2,351,748; June 20.

Driesen, William M. (See Hummel, A., and Driesen.)

Driscoll, James, Plainfield, and W. M. De Witt, Sr., Somerville, N. J., assignors to Johns-Manville Corporation. Metallic packing. 2,353,226; July 11.

Dri-Steam Products, Inc. (See Wegmann, Adolph J., assignor.)

Driver, Wilbur B., Company. (See Allen, V. O., and Polak, assignors.)

Driver, Wilbur B., Company. (See Platt, Stephen A., assignor.)

Drmic, Stipan A., Watsonville, Calif. Pruning shears. 2,365,398; Dec. 19.

Droegkamp, Gilbert H., Wauwatosa, Wis. Dental tool. 2,344,605; Mar. 21.

Droitcour, Howard A., Cranston, and J. M. Droitcour, Warwick, R. I. Gauge. 2,348,530; May 9.

Droitcour, John M. (See Droitcour, H. A., and J. M.)

Droll, J. W., Company. (See Droll, Joseph W., assignor.)

Droll, J. W., Company. (See Kibitz, Harold, assignor.)

Droll, Joseph W., Wilmette, Ill. Wheelbarrow. 2,347,314; Apr. 25.

Droll, Joseph W., Wilmette, Ill. Shoe tree. 2,359,469; Oct. 3.

Droll, Joseph W., Wilmette, assignor to J. W. Droll Company, Chicago, Ill. Mattress stapling machine. 2,350,115; Oct. 10.

Druesbach, Otto, H. Hopff, and K. Huttner, Ludwigshafen-on-the-Rhine, Germany; vested in the Alien Property Custodian. Producing lactams. 2,351,939; June 20.

Drotning, Henry O., assignor to Eastman Kodak Company, Rochester, N. Y. Film identification signal. 2,350,733; June 6.

Drotning, Henry O., assignor to Eastman Kodak Company, Rochester, N. Y. Camera adjusting mechanism. 2,353,227; July 11.

Drotning, Henry O., assignor to Eastman Kodak Company, Rochester, N. Y. Camera shutter. 2,358,061; Sept. 12.

Drucker, William J., Richmond Hill, N. Y. Refrigerated display cabinet. 2,346,914; Apr. 18.

Drucker, William J., Richmond Hill, N. Y. Micrometer tolerance indicator. 2,356,037; Aug. 15.

Drullard, Alfred B., New York, N. Y. Package structure. 2,346,564; Apr. 11.

Drum, Harry S., and W. C. Dodson, Abington, assignors to Smith, Drum and Company, Philadelphia, Pa. Yarn drying apparatus. 2,356,834; Aug. 29.

Drumheller, G. H. Jr., et al. (See Marsh, Jack C., assignor.)

Drummond, Folsom E., assignor, by mesne assignments, to Chemical Developments Corporation, Dayton, Ohio. Coating method. 2,344,138; Mar. 14.

Drummond, Folsom E., Dayton, Ohio, assignor to New Wrinkle, Inc., Wilmington, Del. Applying coating films. 2,344,807; Mar. 21.

Drummond, Folsom E., Westfield, N. J., and W. A. Waldie, Oakwood, Ohio. Pigmented resin and making. 2,350,955; June 6.

Drummond, Folsom E., and W. A. Waldie, assignors, by mesne assignments, to Chemical Developments Corporation, Dayton, Ohio. Pigmented resin and making. 2,344,137; Mar. 14.

Drummond, Robert S., Detroit, Mich. Gear finishing. 2,347,997; May 2.

Drummond, Robert S., Detroit, Mich. Gear crowning. 2,347,998; May 2.

Drummond, Robert S., Detroit, Mich. Gear crowning machine. 2,350,882; June 6.

Drummond, Robert S., Detroit, Mich. Gear finishing. 2,354,670; Aug. 1.

Drummondville Cotton Company Limited. (See Provencher, Lionel, assignor.)

Drury, Richard C. (See Buchanan, B. F., and Drury.)

Drury, Thomas W., Burr Oak, assignor to H. A. Douglas Mfg. Co., Bronson, Mich. Electrical connection means. 2,346,831; Apr. 18.

Drury, Thomas W., assignor to H. A. Douglas Mfg. Co., Bronson, Mich. Electric switch. 2,347,894; May 2.

Drybak Corporation, The. (See Falcon, Joseph V., assignor.)

Dryden Rubber Company. (See Harmon, Ulrich L., assignor.)

Dryden Rubber Company. (See Kelly, J. H., Jr., and Stern, assignors.)

Dryer, Charles G., assignor to Universal Oil Products Company, Chicago, Ill. Isomerization of paraffins. 2,343,406; Mar. 7.

Drying & Concentrating Company. (See Hall, Joseph M., assignor.)

Drying Systems, Inc. (See Yates, Robert E., assignor.)

Drypolcher, William, Valley Stream, assignor to L. Obstfeld, Brooklyn, and A. Obstfeld, New York, N. Y. Staple. 2,357,637; Sept. 5.

Dube, Joseph L. (See Robertson, J. D., and Dube.)

Dubiller, William, New Rochelle, N. Y. Snap switch. 2,341,858; Feb. 15.

Dubiller, William, New York, N. Y. Screen or webbing material. 2,355,635; Aug. 15.

Dubner, Harry J., Forest Hills, N. Y. Foundation garment. 2,344,237; Mar. 14.

Du Bois, William H., assignor to Bendix Aviation Corporation, South Bend, Ind. Regulating valve. 2,345,531; Dec. 19.

Duboisclard, Paul P. M. (See Hofheins, R. W., Harrington, Thomas, and Duboisclard.)

Du Bose, George P., et al. (See Loucks, C. A., and Schmidt, assignors.)

Dubruiel, Omar F. (See McGill, C. T., and Dubruiel.)

Dubuar, Arthur S., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Switching device. 2,345,386; Mar. 28.

Duby, Clarence J. Youngstown, Ohio. Permanent lifting magnet. 2,348,967; May 16.

Ducarpe, Pierre G., assignor to Broadfield Metals Corporation, New York, N. Y. Picture changing display. 2,355,787; Aug. 15.

Ducavich, Sam, Chicago, Ill. Folding wheel chair. 2,354,949; Aug. 1.

Ducca, Frederick W., Butler, N. J., assignor to Bakelite Corporation, New York, N. Y. Polystyrene molding compositions. 2,353,228; July 11.

Duckett, Cecil H., Brooklyn, N. Y. Tapered sleeve or socket for drills and other tapered shank tools. 2,356,835; Aug. 29.

Duckworth, William, Hamilton, Ontario, Canada, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Compressor governor. 2,339,384; Jan. 18.

Ducios, Aeneas J. N., South Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Material straightening apparatus. 2,350,274; May 30.

Dudas, Andrew, Pittsburgh, Pa. Curtain. 2,363,847; Nov. 28.

Dudley, Eric G., Worcester Park, England. Illuminated display device for educational purposes. 2,360,212; Oct. 10.

Dudley, Homer W., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. System for the artificial production of vocal or other sounds. 2,339,465; Jan. 18.

Dudley Lock Corporation. (See Machinist, Harold, assignor.)

Dudley, Roy A., and H. M. Jones, Huntington, W. Va., assignors to Empire Ironer, Inc., Cincinnati, Ohio. Ironer. 2,341,701; Feb. 15.

Dudley, William A., Los Angeles, Calif., assignor to Pacific Coast Borax Company. Soap dispenser. 2,357,387; Sept. 5.

Duell, Charles H., Sharpsburg, Pa., assignor to Brisbane Box Corporation, Detroit, Mich. Dispensing container. 2,359,832; Oct. 10.

Duell, Clifford C. (See Onksen, G. W., assignor), and Duell.)

Duell, Edith B., Detroit, Mich. Container. 2,353,818; July 18.

Duell, Edith B., Sharpsburg, Pa. Dispensing container. 2,353,819; July 18.

Duennebier, Fred C. (See McNally, J. G., and Duennebier.)

Duer, Frederick L., Chicago, Ill. Metal tubing bending machine. 2,341,178; Feb. 8.

Duer, Frederick L., Chicago, Ill. Metal tube bending machine. 2,357,812; Sept. 12.

Duerr, Herman H., H. W. Morreall, Jr., and H. C. Harsh, Binghamton, N. Y. Color correction for multilayer negative film. 2,357,398; Sept. 5.

Duffendack, John C., Jr. (See Storey, A. B., Jr., and Duffendack.)

Duff-Fyfe, Malcolm J. (See Newton, J. W., and Duff-Fyfe.)

Duffie, Don H., Central Lake, Mich. Hemoglobinometer. 2,355,960; Aug. 15.

Duffie, James A., Cary, Ill., assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Railway car construction. 2,361,276; Oct. 24.

Duffield, Francis W. N., Barr Common, near Walsall, and P. J. H. Riley, Birmingham, England. Clevis joint. 2,344,808; Mar. 21.

Duffield, William A., Windsor, Ontario, assignor to Windfields, Limited, Montreal, Quebec, Canada. Variable speed transmission. 2,339,626; Jan. 18.

Duffield, William A., Windsor, Ontario, assignor to Windfields, Limited, Montreal, Quebec, Canada. Automatic speed change gearing. 2,346,365; Apr. 11.

Duffield, William A., Windsor, Ontario, assignor to Windfields, Limited, Montreal, Quebec, Canada. Five-speed transmission. 2,355,427; Aug. 8.

Duffy, David H., J. W. Wiley, and M. M. Ross, assignors to Beech Aircraft Corporation, Wichita, Kans. Jig for assembling components of substructures. 2,353,954; July 18.

Duffy, David H., J. W. Wiley, and M. M. Ross, assignors to Beech Aircraft Corporation, Wichita, Kans. Hose actuated press. 2,363,779; Nov. 28.

Duffy, Leslie J., Washington, D. C. Steam engine. 2,342,256; Feb. 22.

Duffy Manufacturing Company. (See Boersma, Reemer A., assignor.)

Duft, Harry C., Hinsdale, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Push-pull amplifier. 2,339,466; Jan. 18.

Dugan, Evelyn R. (See Dugan, Joseph, assignor.)

Dugan, Joseph, assignor of one-half to E. R. Dugan, Los Angeles, Calif. Gunfire control system. 2,363,948; Nov. 28.

Dugan, Joseph, assignor of one-half to E. R. Dugan, Los Angeles, Calif. Radio controlled steering system. 2,364,624; Dec. 12.

Dugan, Joseph, assignor of one-half to E. R. Dugan, Los Angeles, Calif. Radio controlled navigational system. 2,364,625; Dec. 12.

Dugan, Peter J., Crestwood, N. Y. Fluid supply control. 2,339,005; Jan. 11.

Dugan, Thomas M., and A. C. Marton, McKeesport, Pa., assignors to National Tube Company. Scaffold. 2,361,614; Oct. 31.

Dugas, Joseph J., assignor to Higgins Industries, Inc., New Orleans, La. Synchro-shifting transmission clutch. 2,349,491; May 23.

Dugaw, Eugene, Tacoma, Wash. Patch. 2,345,469; Mar. 28.

Duggan, James E., Indianapolis, Ind. Mask structure. 2,341,702; Feb. 15.

Duggan, James E., Indianapolis, Ind. Mask structure. 2,359,977; Oct. 10.

Duggan, James E., Indianapolis, Ind. Mask structure. 2,363,844; Nov. 28.

Duggan, James E., New Brighton, Pa. Mask structure. 2,358,151; Sept. 12.

Duggan, James E., New Brighton, Pa. Mask structure. 2,359,976; Oct. 10.

Duggan, James E., New Brighton, Pa. Mask structure. 2,363,842; Nov. 28.

Duggan, James E., Detroit, Mich. Paint mask structure. 2,359,974; Oct. 10.

Duggan, James E., Detroit, Mich. Paint mask structure. 2,359,975; Oct. 10.

Duggan, James E., Detroit, Mich. Bearing mask structure. 2,363,660; Nov. 28.

Duggan, James E., Detroit, Mich. Paint mask structure. 2,363,841; Nov. 28.

Duggan, James E., Detroit, Mich. Paint mask structure. 2,363,843; Nov. 28.

Duggan, James E., Birmingham, Mich. Mask structure. 2,363,845; Nov. 28.

Duggan, James E., Birmingham, Mich. Paint mask structure. 2,363,846; Nov. 28.

Duhaime, Sidney J., Los Angeles, Calif. Bag manufacturing machine. 2,348,196; May 9.

Duhan, Frederick W. (See Gladfelter, W. I., and Duhan.)

Duhnkrack, George H., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,365,689; Dec. 26.

Duis, Glenn, assignor to Anthony Company, Streator, Ill. Indicator. 2,340,114; Jan. 25.

Duke, Alfred, Colton, Calif. Irrigation system. 2,362,747; Nov. 14.

Duke, Vernon J., Rockville Centre, N. Y., assignor to Radio Corporation of America. Television apparatus. 2,353,018; July 4.

Du Lude, Miriam A., St. Paul, Minn. Counting device. 2,357,940; Sept. 12.

Du Mais, Leo J., Chicago, Ill. Cigarette case. 2,352,521; June 27.

Dumarest, François, Lyon, France; vester in the Alien Property Custodian. Method and furnace for electrically melting glass. 2,350,734; June 6.

Dumbleton, Claude. (See Macfarlane, R. F., and Dumbleton.)

Du Mont, Allen B., Laboratories, Inc. (See Atwood, Horace, Jr., assignor.)

Du Mont, Allen B., Laboratories, Inc. (See Banker, John B., assignor.)

Du Mont, Allen B., Laboratories, Inc. (See Campbell, Richard L., assignor.)

DuMont, Allen B., Laboratories, Inc. (See Christaldi, Peter S., assignor.)

Du Mont, Allen B., Laboratories, Inc. (See Christaldi, P. S., Steadman, and Wilber, assignors.)

Du Mont, Allen B., Laboratories, Inc. (See Kessler, Robert E., assignor.)

Du Mont, Allen B., Laboratories, Inc. (See Knoop, W. A., Jr., and Cramer, assignors.)

Du Mont, Allen B., Laboratories, Inc. (See Koch, Stanley J., assignor.)

Du Mont, Allen B., Laboratories, Inc. (See Rutherford, R. E., and Campbell, assignors.)

Dumont, Eugen, Troisdorf, near Cologne, Germany; vested in the Alien Property Custodian. Production of filaments from molten thermophastic materials. 2,347,036; Apr. 18.

Dumore Company, The. (See Doll, Howard F., assignor.)

Dun & Bradstreet, Inc. (See Garrett, Arthur, assignor.)

Dunagan, Thomas A., Montrose, Calif. Tire recap. 2,343,498; Mar. 7.

Dunbar, Bruce W., Compton, assignor to Shell Development Company, San Francisco, Calif. Acid treating of distillates. 2,340,585; Feb. 1.

Dunbar, Daniel E., Jr. (See Dunbar, Eva W., and D. E.)

Dunbar, Eva W., and D. E., Jr., Atlanta, Ga. Incendiary bomb snuffer and carrier. 2,355,428; Aug. 8.

Dunbar, Irwin. (See Miller, K. L., and Dunbar.)

Dunbar-Kapple & Company. (See Kapple, F., and Sikora, assignors.)

Dunbar, Ralph E., East Cleveland, assignor to Electric Vacuum Cleaner Company, Inc., Cleveland, Ohio. Vacuum cleaner fan shaft seal. 2,352,947; July 4.

Duncan, Allan W., et al. (See Klein, C. J., Rieger, and Duncan.)

Duncan Electric Manufacturing Company. (See Green, Stanley S., assignor.)

Duncan Electric Manufacturing Company. (See Reynolds, J. H., and Green, assignors.)

Duncan, Gordon W., Scotch Plains, N. J., assignor to Standard Oil Development Company. Anticorrosion agents. 2,366,013; Dec. 26.

Duncan, Irene N. and R. C., Whittier, Calif. Beauty parlor chair. 2,339,159; Jan. 11.

Duncan, Lane W., assignor to E. E. Blundell, doing business as Commercial Centerless Grinding Company, Cleveland, Ohio. Method and apparatus for cutting pins. 2,341,025; Feb. 8.

Duncan, Roswell C. (See Duncan, Irene N. and R. C.)

Duncan, Thomas J. (See Cockrill, W. T., and Duncan.)

Dunham, C. A., Company. (See Crosthwait, David N., Jr., assignor.)

Dunham, C. A., Company. (See Crosthwait, D. N., Jr., and Werts, assignors.)

Dunham Company, The. (See Dunham, Ray E., assignor.)

Dunham Company. (See Simonka, Eugene R., assignor.)

Dunham, Elmer J., and E. R. Backofen, Battle Creek, assignors to Clark Equipment Company, Buchanan, Mich. Industrial truck. 2,360,407; Oct. 17.

Dunham, George S., Merion, Pa., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Separator. 2,341,087; Feb. 8.

Dunham, George S., Merion, Pa., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Reactor with separator of entrained solids from gases. 2,357,255; Aug. 29.

Dunham, George W., Westport, Conn., assignor to General Electric Company. Washing machine. 2,346,668; Apr. 18.

Dunham, George W., Westport, Conn., assignor to General Electric Company. Washing machine. 2,346,669; Apr. 18.

Dunham, George W., Westport, Conn., assignor to General Electric Company. Washing machine. 2,356,573; Aug. 22.

Dunham, James V., Southampton, Pa. Chronograph. 2,351,023; June 13.

Dunham, James V., Southampton, Pa. Recordation of the path of movable bodies. 2,362,473; Nov. 14.

Dunham, Ray E., assignor to The Dunham Company, Berea, Ohio. Cultivator. 2,355,519; Aug. 8.

Dunkelberger, Milton S., assignor to The American Display Company, Dayton, Ohio. Smoker's pipe. 2,362,891; Nov. 14.

Dunkerley, Harvey J., et al., executors. (See Hargreaves, E. S., and Steward.)

Dunlap, David E. (See Kleinhans, E. S., and Dunlap.)

Dunlap, Kermit S., Richmond Hill, N. Y., and C. A. Lovell, Maplewood, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Alternating current generator. 2,356,229; Aug. 22.

Dunlap, Samuel D., Bowling Green, Ohio. Tongs. 2,358,565; Sept. 19.

Dunlay, Edward E. (See McAfee, A. M., and Dunlay.)

Dunleavey, Frank S., assignor, by mesne assignments, to The Magnavox Company, Fort Wayne, Ind. Electrolytic capacitor. 2,348,284; May 9.

Dunleavey, Frank S., and R. W. Clark, assignors, by mesne assignments, to The Magnavox Company, Fort Wayne, Ind. Electrolytic capacitor. 2,355,788; Aug. 15.

Dunlevie, Jack B. (See Milne, D. D., Fogarty, and Dunlevie.)

Dunlop, Newell F., San Francisco, Calif. Mailing envelope. 2,346,419; Apr. 11.

Dunlop Rubber Company Limited. (See Hickin, N. E., Hogg and Castle, assignors.)

Dunlop Rubber Company Limited. (See Taylor, S. D., and Pounder, assignors.)

Dunlop Rubber Company Limited. (See Wright, J., and Trevaskis, assignors.)

Dunlop Tire and Rubber Corporation. (See Bulgin, Douglas, assignor.)

Dunlop Tire and Rubber Corporation. (See Church, Franklin O., assignor.)

Dunmore, Francis W., Washington, D. C., and F. G. Kear, Minersville, Pa., assignors to the Government of the United States represented by the Secretary of Commerce. Visual type radio beacon. 2,348,730; May 16.

Dunn, Albert, and O. C. Elland, Mount Rainier, Md. Shaft coupling. 2,364,959; Dec. 12.

Dunn, Andrew C., Chicago, Ill. Flare gun. 2,340,047; Jan. 25.

Dunn, Charles H., Bloomington, Ind. Mixing machine. 2,340,178; Jan. 25.

Dunn, Charlotte M., Great Neck, N. Y. Dress pattern. 2,365,532; Dec. 19.

Dunn, Clarence L. (See Pierotti, G., and Dunn.)

Dunn, Clarence L., and G. Pierotti, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Distillation process. 2,339,160; Jan. 11.

Dunn, G. Leslie. (See Oftedal, P. R., and Christensen, assignors.)

Dunn, George E., assignor to Universal Products Company Incorporated, Dearborn, Mich. Universal joint seal. 2,338,169; Jan. 4.

Dunn, George E., assignor to Paramount Textile Machinery Co., Kankakee, Ill. Treating textiles. 2,350,021; May 30.

Dunn, George E., assignor to Universal Products Company Incorporated, Dearborn, Mich. Universal joint. 2,353,299; July 11.

Dunn, George E., assignor to Universal Products Company Incorporated, Dearborn, Mich. Universal joint. 2,353,300; July 11.

Dunn, George E., and H. Richter, Kankakee, assignors to Paramount Textile Machinery Co., Chicago, Ill. Stocking suspending device. 2,340,520; Feb. 1.

Dunn, Jesse T. (See McNamee, R. W., and Dunn.)

Dunn, John, Mountainside, assignor to Titeflex, Inc., Newark, N. J. Braiding machine. 2,362,688; Nov. 14.

Dunn, Maude, Birmingham, Ala. Sink strainer. 2,364,960; Dec. 12.

Dunn, Ned, Brooklyn, and V. L. Falotico, Far Rockaway, N. Y. Preheating fuel oil. 2,360,408; Oct. 17.

Dunn, Roland H. (See McWhirter, E. M. S., and Dunn.)

Dunn, William C. (See Denneen, F. S., and Dunn.)

Dunn, William L., Charlotte, and F. C. Rankin, Stanley, N. C. Pump unit. 2,342,183; Feb. 22.

Dunn, William L., Glenview, and A. W. Piensler, Berwyn, Ill. Electric switch. 2,350,392; June 6.

Dunn, William T. (See Neracher, C. A., Dunn, Syrovy, and Schotz.)

Dunn, William T. (See Syrovy, A. J., Dunn, and Schotz.)

Dunn, William T., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Power transmission. 2,349,147; Ma 16.

Dunncliff, William W., Friant, Calif. Crutch. 2,358,853; Sept. 26.

Dunning, Leon M. (See Smith, R. H., Miller, and Dunning.)

Dunning, Orville M., Glen Ridge, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Phonograph. 2,341,703; Feb. 15.

Dunstan, Albert E., London, and S. F. Birch, Sunbury-on-Thames, assignors, by mesne assignments, to Anglo-Iranian Oil Company Limited, London, England. Production of motor fuel. 2,363,300; Nov. 21.

Dunstan, Albert E., London, and S. F. Birch, Sunbury-on-Thames, assignors, by mesne assignments, to Anglo-Iranian Oil Company, London, England. Production of motor fuel. 2,363,301; Nov. 21.

Dunville, John G. (See Wolf, R. J., and Dunville.)

Dupee, Charles F., Springfield, Mass. Ammunition chest. 2,368,319; Sept. 19.

Dupler, Raymond R., Toledo, Ohio. Illuminated globe mounting. 2,339,385; Jan. 18.

Dupler, Raymond R., Toledo, Ohio. Globe mounting. 2,343,173; Feb. 29.

Dupler, Raymond R., Toledo, Ohio. Illuminated globe mounting. 2,345,800; Apr. 4.

Duplex Printing Press Company, The. (See Blackley, J. L., and Ross, assignors.)

Duplex Printing Press Company, The. (See Carpenter, Albert J., Jr., assignor.)

Du Pont, E. I., de Nemours & Company. (See Adams, Roger, assignor.)

Du Pont, E. I., de Nemours & Company. (See Agre, C. L., Dorough, and Hanford, assignors.)

Du Pont, E. I., de Nemours & Company. (See Alderman, V. F., and Hanford, assignors.)

Du Pont, E. I., de Nemours & Company. (See Alderson, Witty, L., Jr., assignor.)

Du Pont, E. I., de Nemours & Company. (See Allen, Francis P., assignor.)

Du Pont, E. I., de Nemours & Company. (See Appel, Frank J., assignor.)

Du Pont, E. I., de Nemours & Company. (See Austin, Paul R., assignor.)

Du Pont, E. I., de Nemours & Company. (See Babcock, D. F., and Larchar, assignors.)

Du Pont, E. I., de Nemours & Company. (See Bailey, E. D., Brubaker, and Teeple, assignors.)

Du Pont, E. I., de Nemours & Company. (See Bake, Louis S., assignor.)

Du Pont, E. I., de Nemours & Company. (See Balassa, Ladislaus, assignor.)

Du Pont, E. I., de Nemours & Company. (See Balassa, Ladislaus, assignor.)

Du Pont, E. I., de Nemours & Company. (See Baldsiefen, Walter D., assignor.)

Du Pont, E. I., de Nemours & Company. (See Balthis, J. R., and Larchar.)

Du Pont, E. I., de Nemours & Company. (See Banigan, T. F., and Hartman, assignors.)

Du Pont, E. I., de Nemours & Company. (See Bartlett, Edward P., assignor.)

Du Pont, E. I., de Nemours & Company. (See Batchelder, G. W., and Peterson, assignors.)

Du Pont, E. I., de Nemours & Company. (See Bateman, Alva W., assignor.)

Du Pont, E. I., de Nemours & Company. (See Benger, Ernest B., assignor.)

Du Pont, E. I., de Nemours & Company. (See Bengstrom, H. A., and Wirth, assignors.)

Du Pont, E. I., de Nemours & Company. (See Benzinger, Theodore, assignor.)

Du Pont, E. I., de Nemours & Company. (See Berliner, Julius F. T., assignor.)

Du Pont, E. I., de Nemours & Company. (See Berne-Allen, Allan, Jr., assignor.)

Du Pont, E. I., de Nemours & Company. (See Bimmerman, H. G., and Fox, assignors.)

Du Pont, E. I., de Nemours & Company. (See Boller, E. E., and Remler, assignors.)

Du Pont, E. I., de Nemours & Company. (See Booge, James E., assignor.)

Du Pont, E. I., de Nemours & Company. (See Booge, J. E. and Stewart, assignors.)

Du Pont, E. I., de Nemours & Company. (See Bottl, Edmond C., assignor.)

Du Pont, E. I., de Nemours & Company. (See Bousquet, Euclid W., assignor.)

Du Pont, E. I., de Nemours & Company. (See Bousquet, E. W., and Guy, assignors.)

Du Pont, E. I., de Nemours & Company. (See Bradley, John J., assignor.)

Du Pont, E. I., de Nemours & Company. (See Bradshaw, G. B., and Meuly, assignors.)

Du Pont, E. I., de Nemours & Company. (See Bradshaw, William H., assignor.)

Du Pont, E. I., de Nemours & Company. (See Brant, Gilbert W., assignor.)

Du Pont, E. I., de Nemours & Company. (See Bricker, Burton C., assignor.)

Du Pont, E. I., de Nemours & Company. (See Brooks, Winslow A., assignor.)

Du Pont, E. I., de Nemours & Company. (See Brown, Odell T., assignor.)

Du Pont, E. I., de Nemours & Company. (See Brubaker, Merlin M., assignor.)

Du Pont, E. I., de Nemours & Company. (See Brubaker, M. M., Coffman, and McGrew, assignors.)

Du Pont, E. I., de Nemours & Company. (See Burrows, L. A., and Loe, assignors.)

Du Pont, E. I., de Nemours & Company. (See Buxbaum, Edwin C., assignor.)

Du Pont, E. I., de Nemours & Company. (See Carson, Boyce G., assignor.)

Du Pont, E. I., de Nemours & Company. (See Cass, Oliver W., assignor.)

Du Pont, E. I., de Nemours & Company. (See Cass, O. W., and Rogers, assignors.)

Du Pont, E. I., de Nemours & Company. (See Catlin, Willard E., assignor.)

Du Pont, E. I., de Nemours & Company. (See Cavanaugh, R. M., and Nagle, assignors.)

Du Pont, E. I., de Nemours & Company. (See Chamberlin, Merle H., assignor.)

Du Pont, E. I., de Nemours & Company. (See Chapman, F. F. Peterson and Woodbury, assignors.)

Du Pont, E. I., de Nemours & Company. (See Church, William H., assignor.)

Du Pont, E. I., de Nemours & Company. (See Clare, Norval D., assignor.)

Du Pont, E. I., de Nemours & Company. (See Clarkson, R. G., and Pedersen, assignors.)

Du Pont, E. I., de Nemours & Company. (See Clough, John W., assignor.)

Du Pont, E. I., de Nemours & Company. (See Cockerille, Frank O., assignor.)

Du Pont, E. I., de Nemours & Company. (See Coffman, Donald D., assignor.)

Du Pont, E. I., de Nemours & Company. (See Coffman, D. D., and Denoon, assignors.)

Du Pont, E. I., de Nemours & Company. (See Coffman, D. D., and Reese, assignors.)

Du Pont, E. I., de Nemours & Company. (See Coffman, D. D., and Sauer, assignors.)

Du Pont, E. I., de Nemours & Company. (See Coffman, Raphael T., assignor.)

Du Pont, E. I., de Nemours & Company. (See Coghill, Philip S., assignor.)

Du Pont, E. I., de Nemours & Company. (See Cole, Harold S., assignor.)

Du Pont, E. I., de Nemours & Company. (See Cole, J. E., and Skiles, assignors.)

Du Pont, E. I., de Nemours & Company. (See Collins, Arnold M., assignor.)

Du Pont, E. I., de Nemours & Company. (See Collins, L., Slowinske, and Smith, assignors.)

Du Pont, E. I., de Nemours & Company. (See Conaway, Rollin F., assignor.)

Du Pont, E. I. de Nemours & Company. (See Cook, M. A., and Davis, assignors.)

Du Pont, E. I., de Nemours & Company. (See Copeland, Norman A., assignor.)

Du Pont, E. I., de Nemours & Company. (See Cox, Norman L., assignor.)

Du Pont, E. I., de Nemours & Company. (See Crane, Paul W., assignor.)

Du Pont, E. I., de Nemours & Company. (See Crane, P. W., and Fields, assignors.)

Du Pont, E. I., de Nemours & Company. (See Cunningham, Francis G., assignor.)

Du Pont, E. I., de Nemours & Company. (See Cupery, Martin E., assignor.)

Du Pont, E. I., de Nemours & Company. (See Dahlen, M. A., and Clapham, assignors.)

Du Pont, E. I., de Nemours & Company. (See Daiger, W. H., and Seidel, assignors.)

Du Pont, E. I., de Nemours & Company. (See Davis, Clyde O., assignor.)

Du Pont, E. I., de Nemours & Company. (See Davis, C. O., and Fassnacht, assignors.)

Du Pont, E. I., de Nemours & Company. (See Davis, C. O., and Holmes, assignors.)

Du Pont, E. I., de Nemours & Company. (See Decker, Gerard Q., 3rd, assignor.)

Du Pont, E. I., de Nemours & Company. (See Desetti, G. E., Dew, Mackey, and Woodbridge, assignors.)

Du Pont, E. I., de Nemours & Company. (See Dettwyler, William, assignor.)

Du Pont, E. I., de Nemours & Company. (See Dew, Walter A., assignor.)

Du Pont, E. I., de Nemours & Company. (See Deyrup, Alden J., assignor.)

Du Pont, E. I., de Nemours & Company. (See Dietrich, Melvin A., assignor.)

Du Pont, E. I., de Nemours & Company. (See Ditzel, Arthur C., assignor.)

Du Pont, E. I., de Nemours & Company. (See Downing, F. B., and Clarkson, assignors.)

Du Pont, E. I., de Nemours & Company. (See Downing, F. B., and Fitch, assignors.)

Du Pont, E. I., de Nemours & Company. (See Downing, F. B., and Pedersen, assignors.)

Du Pont, E. I., de Nemours & Company. (See Drew, Donald E., assignor.)

Du Pont, E. I., de Nemours & Company. (See Dreyling, Alfred, assignor.)

Du Pont, E. I., de Nemours & Company. (See Duus, Hans C., assignor.)

Du Pont, E. I., de Nemours & Company. (See Dwyer, Orrington E., assignor.)

Du Pont, E. I., de Nemours & Company. (See Edison, A. G., and Heckert, assignors.)

Du Pont, E. I., de Nemours & Company. (See Edwards, D. H., and Mueller, assignors.)

Du Pont, E. I., de Nemours & Company. (See Elliott, Ralph B., assignor.)

Du Pont, E. I., de Nemours & Company. (See English, M. H., Jones, and Nydegger, assignors.)

Du Pont, E. I., de Nemours & Company. (See Engle)

Du Pont, E. I., de Nemours & Company. (See Ether, Horace F., assignor.)

Du Pont, E. I., de Nemours & Company. (See Etzel, Gastao, assignor.)

Du Pont, E. I., de Nemours & Company. (See Faris, Burt F., assignor.)

Du Pont, E. I., de Nemours & Company. (See Farquhar, Bruce S., assignor.)

Du Pont, E. I., de Nemours & Company. (See Farquhar, B. S., and Schulze, assignors.)

Du Pont, E. I., de Nemours & Company. (See Feagley, C. C., and Robinson, assignors.)

Du Pont, E. I., de Nemours & Company. (See Fields, Reuben T., assignor.)

Du Pont, E. I., de Nemours & Company. (See Filbert, William F., assignor.)

Du Pont, E. I., de Nemours & Company. (See Foster, H. D., and Larchar, assignors.)

Du Pont, E. I., de Nemours & Company. (See Fox, Arthur L., assignor.)

Du Pont, E. I., de Nemours & Company. (See Freed, W. V., and Signaigo, assignors.)

Du Pont, E. I., de Nemours & Company. (See Froning, Joseph F., assignor.)

Du Pont, E. I., de Nemours & Company. (See Frost, F. L., Jr., assignor.)

Du Pont, E. I., de Nemours & Company. (See Geddes, John A., assignor.)

Du Pont, E. I., de Nemours & Company. (See Gilbert, Harvey N., assignor.)

Du Pont, E. I., de Nemours & Company. (See Gladding, Ernest K., assignor.)

Du Pont, E. I., de Nemours & Company. (See Gordon, Wallace E., assignor.)

Du Pont, E. I., de Nemours & Company. (See Graves, George D., assignor.)

Du Pont, E. I., de Nemours & Company. (See Gray, Hugh W., assignor.)

Du Pont, E. I., de Nemours & Company. (See Gresham, William F., assignor.)

Du Pont, E. I., de Nemours & Company. (See Gross, Peter F., assignor.)

Du Pont, E. I., de Nemours & Company. (See Guy, H. G., and Goddin, assignors.)

Du Pont, E. I., de Nemours & Company. (See Haag, I. L., and Pfanstiel, assignors.)

Du Pont, E. I., de Nemours & Company. (See Hamilton, Lyle A., assignor.)

Du Pont, E. I., de Nemours & Company. (See Hanford, William E., assignor.)

Du Pont, E. I., de Nemours & Company. (See Hanford, W. E., and Holmes, assignors.)

Du Pont, E. I., de Nemours & Company. (See Hanford, W. E., Schreiber, and Gray, assignors.)

Du Pont, E. I., de Nemours & Company. (See Hanford, W. E., and Stevenson, assignors.)

Du Pont, E. I., de Nemours & Company. (See Hansley, Virgil L., assignor.)

Du Pont, E. I., de Nemours & Company. (See Hansley, V. L., and Rogers, assignors.)

Du Pont, E. I., de Nemours & Company. (See Hanson, Victor F., assignor.)

Du Pont, E. I., de Nemours & Company. (See Harmon, Jesse, assignor.)

Du Pont, E. I., de Nemours & Company. (See Hawkinson, A. T., and Elston, assignors.)

Du Pont, E. I., de Nemours & Company. (See Heaven, G. S. and H. S., and Oswin, assignors.)

Du Pont, E. I., de Nemours & Company. (See Hemming, Charles B., assignor.)

Du Pont, E. I., de Nemours & Company. (See Henke, Clyde O., assignor.)

Du Pont, E. I., de Nemours & Company. (See Hennion, George F., assignor.)

Du Pont, E. I., de Nemours & Company. (See Herrmann, Carl V., assignor.)

Du Pont, E. I., de Nemours & Company. (See Hershberger, Albert, assignor.)

Du Pont, E. I., de Nemours & Company. (See Hickes, Willis F., assignor.)

Du Pont, E. I., de Nemours & Company. (See Higgins, James E., assignor.)

Du Pont, E. I., de Nemours & Company. (See Hoffman, Robert M., assignor.)

Du Pont, E. I., de Nemours & Company. (See Holmes, H. H., and Lawson, assignors.)

Du Pont, E. I., de Nemours & Company. (See Holt, Donald A., assignor.)

Du Pont, E. I., de Nemours & Company. (See Holt, Lee C., assignor.)

Du Pont, E. I., de Nemours & Company. (See Hooper, Gilman S., assignor.)

Du Pont, E. I., de Nemours & Company. (See Houtz, Ray C., assignor.)

Du Pont, E. I., de Nemours & Company. (See Hunt, Madison, assignor.)

Du Pont, E. I., de Nemours & Company. (See Hunt, M., and Kirby, assignors.)

Du Pont, E. I., de Nemours & Company. (See Hunt, M., Kirby, and Lontz, assignors.)

Du Pont, E. I., de Nemours & Company. (See Hutchinson, Charles L., assignor.)

Du Pont, E. I., de Nemours & Company. (See Iler, Ralph K., assignor.)

Du Pont, E. I., de Nemours & Company. (See Jacobson, Ralph A., assignor.)

Du Pont, E. I., de Nemours & Company. (See Jenemann, J. A., and Hollis, assignors.)

Du Pont, E. I., de Nemours & Company. (See Jensen, Ernest P., assignor.)

Du Pont, E. I., de Nemours & Company. (See Johnson, C. R., Pilcher, and Stanley, assignors.)

Du Pont, E. I., de Nemours & Company. (See Johnson, Oliver H., assignor.)

Du Pont, E. I., de Nemours & Company. (See Johnson, T. D., Jr., and Woodbridge, assignors.)

Du Pont, E. I., de Nemours & Company. (See Karns, George M., assignor.)

Du Pont, E. I., de Nemours & Company. (See Kaufert, Frank H., assignor.)

Du Pont, E. I., de Nemours & Company. (See Keats, John L., assignor.)

Du Pont, E. I., de Nemours & Company. (See Keats, J. L., and Boege, assignors.)

Du Pont, E. I., de Nemours & Company. (See Kerby, J. E., and Woodward, assignors.)

Du Pont, E. I., de Nemours & Company. (See Kharasch, Morris S., assignor.)

Du Pont, E. I., de Nemours & Company. (See Kilgour, Frederick P., assignor.)

Du Pont, E. I., de Nemours & Company. (See Kirby, James E., assignor.)

Du Pont, E. I., de Nemours & Company. (See Kirkpatrick, Edward C., assignor.)

Du Pont, E. I., de Nemours & Company. (See Klein, David X., assignor.)

Du Pont, E. I., de Nemours & Company. (See Knapp, Paul, assignor.)

Du Pont, E. I., de Nemours & Company. (See Kraft, Frederick G., assignor.)

Du Pont, E. I., de Nemours & Company. (See Kvalnes, Donovan E., assignor.)

Du Pont, E. I., de Nemours & Company. (See Kvalnes, D. E., and Letang, assignors.)

Du Pont, E. I., de Nemours & Company. (See Lang, Joseph W., assignor.)

Du Pont, E. I., de Nemours & Company. (See Laughlin, H. G., and Risser, assignors.)

Du Pont, E. I., Nemours & Company. (See Lawrence, Allen E., assignor.)

Du Pont, E. I., de Nemours & Company. (See Lazier, Wilbur A., assignor.)

Du Pont, E. I., de Nemours & Company. (See Leary, Richard E., assignor.)

Du Pont, E. I., de Nemours & Company. (See Lee, H. R., and Belcher, assignors.)

Du Pont, E. I., de Nemours & Company. (See Lee, H. R., and Dettwyler, assignors.)

Du Pont, E. I., de Nemours & Company. (See Lee, H. R., and Young, assignors.)

Du Pont, E. I., de Nemours & Company. (See Lemmerman, Paul C., assignor.)

Du Pont, E. I., de Nemours & Company. (See Leskin, Morton B., assignor.)

Du Pont, E. I., de Nemours & Company. (See Lewis, Everett V., assignor.)

Du Pont, E. I., de Nemours & Company. (See Libby, James W., Jr., assignor.)

Du Pont, E. I., de Nemours & Company. (See Libby, J. W., Jr., and Trepagnier, assignors.)

Du Pont, E. I., de Nemours & Company. (See Libby, Jr W., Jr., and Woodward, assignors.)

Du Pont, E. I., de Nemours & Company. (See Linch, Adrian L., assignor.)

Du Pont, E. I., de Nemours & Company. (See Locke, Roy C., assignor.)
Du Pont, E. I., de Nemours & Company. (See Loder, Donald J., assignor.)
Du Pont, E. I., de Nemours & Company. (See Loder, D. J., Gresham, and Killian, assignors.)
Du Pont, E. I., de Nemours & Company. (See Loder, D. J., and Teeters, assignors.)
Du Pont, E. I., de Nemours & Company. (See Lonts, John F., assignor.)
Du Pont, E. I., de Nemours & Company. (See Lubs, H. A., and Bigelow, assignors.)
Du Pont, E. I., de Nemours & Company. (See Lulek, Ralph N., assignor.)
Du Pont, E. I., de Nemours & Company. (See Lulek, R. N., and Buxbaum, assignors.)
Du Pont, E. I., de Nemours & Company. (See Mackey, Bill H., assignor.)
Du Pont, E. I., de Nemours & Company. (See Mackey, B. H., and Milus, assignors.)
Du Pont, E. I., de Nemours & Company. (See Magill, Paul L., assignor.)
Du Pont, E. I., de Nemours & Company. (See Marks, Barnard M., assignor.)
Du Pont, E. I., de Nemours & Company. (See Markwood, William H., Jr., assignor.)
Du Pont, E. I., de Nemours & Company. (See Martin, Elmore L., assignor.)
Du Pont, E. I., de Nemours & Company. (See Maxwell, Robert W., assignor.)
Du Pont, E. I., de Nemours & Company. (See McGrew, Frank C., assignor.)
Du Pont, E. I., de Nemours & Company. (See McKinney, R. M., and Stark, assignors.)
Du Pont, E. I., de Nemours & Company. (See McQueen, David M., assignor.)
Du Pont, E. I., de Nemours & Company. (See Meigs, Frederick M., assignor.)
Du Pont, E. I., de Nemours & Company. (See Meschter, Emery, assignor.)
Du Pont, E. I., de Nemours & Company. (See Meuly, Walter C., assignor.)
Du Pont, E. I., de Nemours & Company. (See Middleton, E. B., and Dawson, assignors.)
Du Pont, E. I., de Nemours & Company. (See Middleton, E. B., McQueen, and Hill, assignors.)
Du Pont, E. I., de Nemours & Company. (See Mighton, Charles J., assignor.)
Du Pont, E. I., de Nemours & Company. (See Miller, Charles F., assignor.)
Du Pont, E. I., de Nemours & Company. (See Mitchell, James A., assignor.)
Du Pont, E. I., de Nemours & Company. (See Murphy, A. R., Rossander, Croco, and Tinker, assignors.)
Du Pont, E. I., de Nemours & Company. (See Nash, Roy W., assignor.)
Du Pont, E. I., de Nemours & Company. (See Neff, William E., assignor.)
Du Pont, E. I., de Nemours & Company. (See Nerlinger, Ludwig F., assignor.)
Du Pont, E. I., de Nemours & Company. (See Norseen, Wilbur H., assignor.)
Du Pont, E. I., de Nemours & Company. (See Nydegger, R. R., and Roberts, assignors.)
Du Pont, E. I., de Nemours & Company. (See Olson, Carl M., assignor.)
Du Pont, E. I., de Nemours & Company. (See Overbaugh, Sidney C., assignor.)
Du Pont, E. I., de Nemours & Company. (See Paggie, Louis, assignor.)
Du Pont, E. I., de Nemours & Company. (See Pedersen, Charles J., assignor.)
Du Pont, E. I., de Nemours & Company. (See Peirce, George A., assignor.)
Du Pont, E. I., de Nemours & Company. (See Perkins, Ezra C., assignor.)
Du Pont, E. I., de Nemours & Company. (See Perkins, M. A., and Deinet, assignors.)
Du Pont, E. I., de Nemours & Company. (See Perkins, M. A., and Klein.)
Du Pont, E. I., de Nemours & Company. (See Person, Earl R., assignor.)
Du Pont, E. I., de Nemours & Company. (See Peters, Franklin T., assignor.)
Du Pont, E. I., de Nemours & Company. (See Peterson, Wesley R., assignor.)
Du Pont, E. I., de Nemours & Company. (See Pike, Ralph E., assignor.)
Du Pont, E. I., de Nemours & Company. (See Pinkney, Paul S., assignor.)
Du Pont, E. I., de Nemours & Company. (See Poesl, Christian N., assignor.)
Du Pont, E. I. de Nemours & Company. (See Pratt, Burt C., assignor.)
Du Pont, E. I. de Nemours & Company. (See Pratt, B. C., and Rothrock, assignors.)
Du Pont, E. I., de Nemours & Company. (See Prückner, Hermann, assignor.)
Du Pont, E. I., de Nemours & Company. (See Reichert, J. S., McNeight, and Elston, assignors.)
Du Pont, E. I., de Nemours & Company. (See Reynolds, Richard W., assignor.)
Du Pont, E. I., de Nemours & Company. (See Reynolds, William B., assignor.)
Du Pont, E. I., de Nemours & Company. (See Richardson, Clarence L., Jr., assignor.)
Du Pont, E. I., de Nemours & Company. (See Richardson, Graham McG., assignor.)
Du Pont, E. I., de Nemours & Company. (See Richter, Henry J., assignor.)
Du Pont, E. I., de Nemours & Company. (See Ritchie, Julian, assignor.)
Du Pont, E. I., de Nemours & Company. (See Robertson, Campbell, assignor.)
Du Pont, E. I., de Nemours & Company. (See Rodman, Ernest A., assignor.)
Du Pont, E. I., de Nemours & Company. (See Roedel, Milton J., assignor.)
Du Pont, E. I., de Nemours & Company. (See Rossander, Swanie S., assignor.)
Du Pont, E. I., de Nemours & Company. (See Rossander, S. S., Libby, and Woodward, assignors.)
Du Pont, E. I., de Nemours & Company. (See Rossander, S. S., Sparks, and Maynard, assignors.)
Du Pont, E. I., de Nemours & Company. (See Rosenberg, H. R., and Carroll, assignors.)
Du Pont, E. I., de Nemours & Company. (See Rothrock, Henry S., assignor.)
Du Pont, E. I., de Nemours & Company. (See Rulon, Joseph K., assignor.)
Du Pont, E. I., de Nemours & Company. (See Salisbury, Leroy F., assignor.)
Du Pont, E. I., de Nemours & Company. (See Sawyer, Roscoe H., assignor.)
Du Pont, E. I., de Nemours & Company. (See Schmitz, William R., Jr., assignor.)
Du Pont, E. I., de Nemours & Company. (See Schreiber, R. S., and Wernts, assignors.)
Du Pont, E. I., de Nemours & Company. (See Schupp, Orion E., Jr., assignor.)
Du Pont, E. I., de Nemours & Company. (See Schweikher, Ernest W., assignor.)
Du Pont, E. I., de Nemours & Company. (See Segel, Joseph, assignor.)
Du Pont, E. I., de Nemours & Company. (See Sloan, Clifford K., assignor.)
Du Pont, E. I., de Nemours & Company. (See Sounichsen, Harold M., assignor.)
Du Pont, E. I., de Nemours & Company. (See Squires, Lombard, assignor.)
Du Pont, E. I., de Nemours & Company. (See Smith, Albert F., assignor.)
Du Pont, E. I., de Nemours & Company. (See Smith, Joseph, assignor.)
Du Pont, E. I., de Nemours & Company. (See Sorenson, Ben E., assignor.)
Du Pont, E. I., de Nemours & Company. (See Sparks, Chiles E., assignor.)
Du Pont, E. I., de Nemours & Company. (See Sparks, C. E., and Laucius, assignors.)
Du Pont, E. I., de Nemours & Company. (See Stamatoff, Gelu S., assignor.)
Du Pont, E. I., de Nemours & Company. (See Stark, H. M., and Keats, assignors.)
Du Pont, E. I., de Nemours & Company. (See Stauffer, Harry G., assignor.)
Du Pont, E. I., de Nemours & Company. (See Stevenson, Halsey B., assignor.)
Du Pont, E. I., de Nemours & Company. (See Sussman, S., and Gresham, assignors.)
Du Pont, E. I., de Nemours & Company. (See Teeters, Wilber O., assignor.)
Du Pont, E. I., de Nemours & Company. (See Tinker, J. M., and Linch, assignors.)
Du Pont, E. I., de Nemours & Company. (See Tissari, Oscar W., assignor.)
Du Pont, E. I., de Nemours & Company. (See Taylor, Guy B., assignor.)
Du Pont, E. I., de Nemours & Company. (See Van Every, Bliss, assignor.)
Du Pont, E. I., de Nemours & Company. (See Van Riper, W. F., and Zinck, assignors.)
Du Pont, E. I., de Nemours & Company. (See Vincent, John R., assignor.)
Du Pont, E. I., de Nemours & Company. (See Vining, William H., assignor.)
Du Pont, E. I., de Nemours & Company. (See Walker, Isaac F., assignor.)
Du Pont, E. I., de Nemours & Company. (See Walker, Joseph F., assignor.)
Du Pont, E. I., de Nemours & Company. (See Ware, Virgil W., assignor.)
Du Pont, E. I., de Nemours & Company. (See Weber, J. R., and Morris, assignors.)
Du Pont, E. I., de Nemours & Company. (See Weinmayr, Viktor, assignor.)
Du Pont, E. I., de Nemours & Company. (See Wendler, Adolph F., assignor.)
Du Pont, E. I., de Nemours & Company. (See Wernlund, Christian J., assignor.)
Du Pont, E. I., de Nemours & Company. (See Wernts, James H., assignor.)
Du Pont, E. I., de Nemours & Company. (See White, Clayton F. A., assignor.)
Du Pont, E. I., de Nemours & Company. (See Wiley, Richard H., assignor.)

Du Pont, E. I., de Nemours & Company. (See Williams, I., Sturgis, and Verbanc, assignors.)
Du Pont, E. I., de Nemours & Company. (See Williams, Thomas L., assignor.)
Du Pont, E. I., de Nemours & Company. (See Wilson, Cyril D., assignor.)
Du Pont, E. I., de Nemours & Company. (See Winning, Clarence H., assignor.)
Du Pont, E. I., de Nemours & Company. (See Wirthington, Hood, assignor.)
Du Pont, E. I., de Nemours & Company. (See Woodbury, Clifford A., assignor.)
Du Pont, E. I., de Nemours & Company. (See Woodward, David W., assignor.)
Du Pont, E. I., de Nemours & Company. (See Woodward, D. W., and McQueen, assignors.)
Du Pont, E. I., de Nemours & Company. (See Wuertz, A. J., and Deinet, assignors.)
Du Pont, E. I., de Nemours & Company. (See Wuertz, A. J., and Klein, assignors.)
Du Pont, E. I., de Nemours & Company. (See Youker, Mortimer A., assignor.)
Du Pont, E. I., de Nemours & Company. (See Young, James H., assignor.)
Du Pont, E. I., de Nemours & Company. (See Zwilgmeyer, Frithjof, assignor.)
Du Pont, Francis G., and L. V. Barker, Denver, Colo., assignors to Remington Arms Company, Inc., Bridgeport, Conn. Gauging device. 2,345,867; Apr. 4.
Dupuis, Jules, Huyssinghen, Belgium; vested in the Alien Property Custodian. Making plated articles. 2,351,940; June 20.
Du Puis, Robert N., Northbrook, and C. W. Lenth, Wilmette, Ill., assignors to Association of American Soap & Glycerine Producers, Inc., New York, N. Y. Stimulating plants. Re. 22,420; Jan. 18.
Du Puy, Charles M., Ligonier Township, Westmoreland County, assignor to Pennsylvania Rubber Company, Jeannette, Pa. Fowl-plucking apparatus. 2,358,693; Sept. 19.
Durabilt Steel Locker Co. (See Douglas, John F., assignor.)
Durabilt Steel Locker Company. (See Kaser, Everett D., assignor.)
Durand, Gaston A. (See Brissonnet, P., and Durand.)
Durand & Huguenin A. G. (See Glenz, K., and Neitzel, assignors.)
Durand, Marcel P., Saint Germain en Laye, France; vested in the Alien Property Custodian. Balanced control for cycle brakes. 2,342,795; Feb. 29.
Duranol Products, Inc. (See Meyer, Maximilian C., assignor.)
Durant, Albert A. (See Varga, Stephen, assignor.)
Durdin, Augustus C., Jr. (See Durdin, Augustus C., III, assignor.)
Durdin, Augustus C., Jr., et al. (See Durdin, Augustus C., III, assignor.)
Durdin, Augustus C., III. (See Durdin, Augustus C., Jr., assignor.)
Durdin, Augustus C., Jr., Chicago, Ill. Comminutor. 2,342,927; Feb. 29.
Durdin, Augustus C., III, Skokie, Ill., assignor of twenty-four per cent to L. H. Durdin, Franklin, Pa., and fifty-two per cent to A. C. Durdin, Jr., Chicago, Ill. Mechanical aerator. 2,346,366; Apr. 11.
Durdin, Augustus C., III, Skokie, Ill., assignor of twenty-four per cent to L. H. Durdin, Franklin, Pa., and fifty-two per cent to A. C. Durdin, Jr., Chicago, Ill. Aeration apparatus. 2,346,367; Apr. 11.
Durdin, Augustus C., Jr., Lincolnwood, assignor of twenty-four percent to A. C. Durdin, III, Rockford, Ill., and twenty-four percent to L. H. Durdin, Birmingham, Ala. Fuel supply means for internal-combustion engines. 2,355,713; Aug. 15.
Durdin, Augustus C., III, Skokie, Ill., assignor of twenty-four per cent to L. H. Durdin, Franklin, Pa., and fifty-two per cent to A. C. Durdin, Jr., Chicago, Ill. Aeration apparatus. 2,359,024; Sept. 26.
Durdin, Augustus C., III, Skokie, Ill., assignor of twenty-four per cent to L. H. Durdin, Franklin, Pa., and fifty-two per cent to A. C. Durdin, Jr., Chicago, Ill. Sewage treatment method and apparatus. 2,360,551; Oct. 17.
Durdin, Lewis H. (See Durdin, Augustus C., Jr., assignor.)
Durdin, Lewis H. (See Durdin, Augustus C., III, assignor.)
Durdin, Lewis H., et al. (See Durdin, Augustus C., III, assignor.)
Durgin, Charles B., R. N. Foster, and C. F. Booth, Anniston, Ala., assignors to Monsanto Chemical Company, St. Louis, Mo. Treatment of water with soluble dehydrated sodium phosphates. 2,358,965; Sept. 26.
Durgin, George E., South Lynnfield, Mass., assignor to General Electric Company. Plug gauge. 2,362,808; Nov. 14.
Durham, Clyde, Schenectady, N. Y., assignor to General Electric Company. Construction for heat-transfer reduction. 2,364,961; Dec. 12.
Durinski, Arthur M. (See Schmerling, L., and Durinski.)
Durkee, Maurice M., assignor to A. E. Staley Manufacturing Company, Decatur, Ill. Hydrogenation of oil. 2,353,229; July 11.
Durning, James P., St. Albans, N. Y., assignor to International Cigar Machinery Company. Detachable transfer pocket. 2,344,769; Mar. 21.
Durning, James P., St. Albans, N. Y., assignor to International Cigar Machinery Company. Cigar bunch forming mechanism. 2,362,892; Nov. 14.
Durochrome Co., Inc. (See Higbee, John H., assignor.)
Dürr, Friedrich, Berlin-Friedenau, Germany; vested in the Alien Property Custodian. Electroplating reel. 2,349,946; May 30.
Durrum, Emmett L., assignor to Shell Development Company, San Francisco, Calif. Fractionating column. 2,339,561; Jan. 18.
Durst, George, assignor to Metals & Controls Corporation, Attleboro, Mass. Solder. 2,362,893; Nov. 14.
Durst, Max, Philadelphia, Pa. Combined sink and basin stopper. 2,362,250; Nov. 7.
Duryea, O. C., Corporation. (See Bierman, W. A., and Simonson, assignors.)
Duryea, O. C., Corporation. (See Simonson, Sigvard, assignor.)
Dus Pak Corporation. (See Brogden, E. M., and R. R., assignors.)
Dusevoir, Julius, assignor to Century Motors Corporation, Dearborn, Mich. Engine crankshaft. 2,340,458; Feb. 1.
Dusevoir, Julius, assignor to Century Motors Corporation, Dearborn, Mich. Engine crankshaft. 2,359,306; Oct. 3.
Dusevoir, Julius, assignor to Century Motors Corporation, Dearborn, Mich. Method of serrating metallic bodies. 2,362,364; Nov. 7.
Dushane, Charles B., Jr., Chicago, Ill. Heater or cooler for oil filters. 2,348,247; May 9.
Dushane, Ray, Pasadena, Calif. Power saw. 2,342,459; Feb. 22.
Dutch, Emery, Bronx, N. Y. Apparatus for developing of paper photo copies. 2,344,941; Mar. 28.
Dutchess Tool Company. (See Seem, Charles B., assignor.)
Duthie, Roscoe G., Pullman, Wash. Cellular container. 2,358,915; Sept. 26.
Duttweiler, Gottlieb, Ruschlikon, Switzerland. Storage for goods. 2,350,883; June 6.
Duus, Hans C., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Corrosion inhibition. 2,345,295; Apr. 11.
Duvall, I. M. (See Stalcup, Clarence F., assignor.)
Du Vall, Russell B., and E. F. Grether, assignors to The Dow Chemical Company, Midland, Mich. Condensation products of p-hydroxy benzoic acid. 2,350,326; June 6.
Duwe, George E., Chicago, Ill. Hold-down device. 2,339,845; Jan. 25.
Duzmal, Stan E., Richmond, Calif. Attachment device. 2,354,746; Aug. 1.
Duzzel Corporation. (See Handy, James O., assignor.)
Dwoyer, Leon C., Linden, N. J. Surgical instrument. 2,355,209; Aug. 8.
Dwyer, Frank W., Chicago, Ill. Gas indicator. 2,357,638; Sept. 5.
Dwyer, Orrington E., Rochester, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of polyamide structures. 2,340,652; Feb. 1.
Dybberg, Carl, Bygdoy, Aker, Norway; vested in the Alien Property Custodian. Lifesaving suit. 2,348,793; May 16.
Dyckerhoff, Walter, Mainz-Amoneburg, and W. Wittekindt, Wiesbaden-Biebrich, Germany; vested in the Alien Property Custodian. Producing alumina. 2,351,941; June 20.
Dye, Glen M. (See Sardeson, R., Friel, and Dye, H. M. and G. M.)
Dye, Harry M. (See Sardeson, R., Friel, and Dye, H. M. and G. M.)
Dye, Robert E., Oakland, Calif. Ski rope tow gripping device. 2,340,868; Feb. 8.
Dyer, Colver P., Winchester, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Etching steel. 2,353,019; July 4.
Dyer, Daniel P., Jr., Chagrin Falls, Ohio, assignor to The American Steel and Wire Company of New Jersey. Composite electrical conductor. 2,359,090; Sept. 26.
Dyer, John B., assignor to General Motors Corporation, Dayton, Ohio. Method of washing. 2,344,982; Mar. 28.
Dyer, John B., Syracuse, N. Y., assignor to General Motors Corporation, Dayton, Ohio. Driving mechanism. 2,346,158; Apr. 11.
Dyer, Lloyd W. (See Dorfman, H. D., and Dyer.)
Dyer, Lloyd W., Wilkinsburg, and T. F. Brown, Forest Hills, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Panel board construction. 2,351,942; June 20.
Dyer, Rex H. (See Allshouse, H. A., and Dyer.)
Dyer, William J. H., Providence, R. I. Boat hull. 2,353,020; July 4.
Dykeman, George J. H., and A. C. Goodings, assignors to Ontario Research Foundation, Toronto, Ontario, Canada. Treating yarns with wax. 2,340,048; Jan. 25.

Dykeman, Reuben G., J. C. Shaw, and A. C. Hoffman, Dayton, Ohio. Congealable liquid conditioning device. 2,345,868; Mar. 14.

Dykes, Ada M., and C. L. Miller, Oakland, Calif. Loom. 2,342,391; Feb. 22.

Dymaxion Company, The. (See Fuller, Richard B., assignor.)

Dyrr, Jacob V., Bell, Calif., assignor to International Harvester Company. Power control of harrows. 2,341,139; Feb. 8.

Dyrr, Jacob V., Bell, Calif., assignor to International Harvester Company. Harrow. 2,349,852; May 30.

Dyrr, Jacob V., Bell, Calif., assignor to International Harvester Company. Release means. 2,358,496; Sept. 19.

Dzus, William, West Islip, N. Y. Fastener assembly. 2,347,675; May 2.

Dzus, William, West Islip, N. Y. Device for positioning and aligning apertures. 2,348,116; May 2.

E. A. Laboratories, Inc. (See Meyerhoefer, Carl E., assignor.)

E. C. D. Limited. (See Evans, David J., assignor.)

E. M. B. Company Limited. (See Cadbury, George N., assignor.)

Eade, Stanley R., Rugby, and W. H. Dawson, Coventry, England, assignors to General Electric Company. Method and apparatus for seasoning electric lamps or similar lamps. 2,338,840; Jan. 11.

Eads, Howard A. (See McGarry, J. T., and Eads.)

Eagan, John J., Yonkers, N. Y. Circuit tester. 2,343,138; Feb. 29.

Eager, Wesley W., Pasadena, Calif. Partition construction. 2,365,255; Dec. 19.

Eagle Chemical Co. (See Schlesinger, Joseph H., assignor.)

Eagle, John H. (See Simmons, A. B., and Eagle.)

Eagle-Picher Lead Company, The. (See Nordyke, John S., assignor.)

Eagle Pencil Company, Inc. (See Ponath, William O., assignor.)

Eagle Signal Corporation. (See Anderson, Carl L., assignor.)

Eagle Signal Corporation. (See Reinecke, Erwin P., assignor.)

Eagles, Horace W., Erie, Pa., assignor to General Electric Company. Joining hollow thermoplastic articles. 2,364,962; Dec. 12.

Eagleson, George I., Cambridge, Ohio. Reamer. 2,365,943; Dec. 26.

Eakin, Charles T., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Test core drill. 2,359,091; Sept. 26.

Eakin, Willard D., Akron, Ohio. Tire-vulcanizing apparatus. 2,341,026; Feb. 8.

Eakin, Willard D., Northampton Township, Summit County, Ohio. Animated figure. 2,349,492; May 23.

Eakins, John F., Evanston, Ill., assignor to J. F. Seeburg Corporation. Multiselective phonograph. 2,342,652; Feb. 29.

Eales, Charles E., assignor of one-half to A. P. Smalley, Swarthmore, Pa. Clamping device. 2,359,632; Oct. 3.

Ealing Studios Limited. (See Howell, Sydney, assignor.)

Eames, Henry C., Wellesley Hills, assignor to New England Concrete Pipe Corporation, Newton Upper Falls, Mass. Structural reenforced cementitious construction. 2,358,758; Sept. 19.

Eames, William F., Westfield, N. J., and B. Hines, Wilkinsburg, Pa., assignors to Westinghouse Electric Elevator Company, Jersey City, N. J. Elevator control system. 2,359,092; Sept. 26.

Eames, William F., Westfield, assignor to Westinghouse Electric Elevator Company, Jersey City, N. J. Elevator control system. 2,363,302; Nov. 21.

Earl, John A., La Grange, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Coil winding device. 2,348,889; May 16.

Earl, Robert J. (See Dahlander, Noël L., assignor.)

Earle, Genevieve M. (See Earle, Guyon L. C., assignor.)

Earle, Guyon L. C., Forest Hills, N. Y. Reinforcing hollow containers for gases under pressure. 2,344,856; Mar. 21.

Earle, Guyon L. C., assignor to G. M. Earle, Forest Hills, N. Y. Cabinet structure. 2,349,541; May 23.

Earle, Henry C., Jr., Philadelphia, Pa., assignor to Mason-Neilan Regulator Co., Boston, Mass. Boiler feed water control mechanism. 2,348,890; May 16.

Earle, Ralph H., Wauwatosa, and A. G. Steinmayer, Milwaukee, assignors to Line Material Company, South Milwaukee, Wis. Lightning arrester. Re. 22,504; June 27.

Earle, Theodore, Pacific Palisades, Calif., assignor to Continental Baking Company, Wilmington, Del. Treating cereal grains. 2,340,313; Feb. 1.

Earnshaw, William B. (See Russell, Charles E., assignor.)

Earp, Charles W., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Automatic frequency control. 2,354,510; July 25.

Earp, Charles W., assignor to Standard Telephones and Cables Limited, London, England. Phase and frequency modulation system. 2,358,152; Sept. 12.

Earp, Charles W., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Radio telegraph reception. 2,358,448; Sept. 19.

Eash, Andrew S., Wellman, Iowa. Poultry drinking fountain. 2,352,373; June 27.

Eash, John T., Westfield, N. J., assignor to The International Nickel Company, Inc., New York, N. Y. Production of cast iron. 2,355,059; Aug. 8.

Eason, Clarence M., Waukesha, Wis. Centrifugal clutch. 2,340,415; Feb. 1.

Eason, Clarence M., Waukesha, Wis. Power control for punch presses and the like. 2,340,416; Feb. 1.

Eason, Clarence M., Waukesha, Wis. Clutch operating mechanism. 2,345,244; Mar. 28.

Eason, Clarence M., Waukesha, Wis. Clutch control mechanism. 2,348,891; May 16.

East, Edward H., deceased, Edinburg, Tex.; F. A. East, independent executrix of said E. H. East. Float valve. 2,356,982; Aug. 29.

East, Florence A., independent executrix. (See East, Edward H.)

East, John, I. J. Shelton, and H. R. Harris, Detroit, Mich. Oil burner. 2,344,398; Mar. 14.

Easter, Harry C., Kansas City, Mo. Insect eliminator. 2,340,944; Feb. 8.

Eastern Paper Box Company Inc. (See Alman, Samuel, assignor.)

Eastern Rolling Mill Company, The. (See Stargardter, Albert R., assignor.)

Eastern Trading Company. (See Chibnik, Elhanan S., assignor.)

Eastern Tool and Manufacturing Company. (See Elwell, George H., assignor.)

Eastes, John W. (See Myers, R. J., and Eastes.)

Eastes, John W., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Insoluble nitrogenous resin from polyphenylol sulphur compounds. 2,354,671; Aug. 1.

Eastes, John W., Philadelphia, Pa., and C. Averill, Boston, Mass., assignors to The Resinous Products & Chemical Company, Philadelphia, Pa. Nitrogenous resin from catechol type tannins. 2,354,672; Aug. 1.

Eastes, John W., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Polyphenylol alkane resins. 2,356,151; Aug. 22.

Eastin, Lester H., et al. (See Fusco, Carlo J., assignor.)

Eastman, du Bois, Port Arthur, Tex., R. E. Nagle, New York, and R. L. Savage, Jr., Hartsdale, assignors, by mesne assignments, to The Texas Company, New York, N. Y. Method of and apparatus for the catalytic conversion of hydrocarbons. 2,339,846; Jan. 25.

Eastman, Du Bois, and C. Richker, Port Arthur, Tex., assignors to The Texas Company, New York, N. Y. Catalytic conversion of hydrocarbons. 2,348,794; May 16.

Eastman, Du Bois, and C. Richker, Port Arthur, Tex., assignors to The Texas Company, New York, N. Y. Catalytic conversion of oil. 2,361,182; Oct. 24.

Eastman, Elwell, Portland, Oreg. Life preserver and swimming-aid device. 2,355,060; Aug. 8.

Eastman, Fred C., Marblehead, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Lasting machine. 2,349,815; May 30.

Eastman, Harold G., Stamford, Tex., assignor to M. R. Bergman, Toledo, Ohio. Earth-moving mechanism. 2,359,711; Oct. 3.

Eastman Kodak Company. (See Aex, P. S., and Guell, assignors.)

Eastman Kodak Company. (See Aklin, George H., assignor.)

Eastman Kodak Company. (See Allen, C. F. H., and Frame, assignors.)

Eastman Kodak Company. (See Allen, C. F. H., and Van Allan, assignors.)

Eastman Kodak Company. (See Allen, C. F. H., and Wilson, assignors.)

Eastman Kodak Company. (See Altman, Fred E., assignor.)

Eastman Kodak Company. (See Babcock, David L., assignor.)

Eastman Kodak Company. (See Babcock, D. L., and Frisby, assignors.)

Eastman Kodak Company. (See Ballard, A. E., and Martinson, assignors.)

Eastman Kodak Company. (See Bean, Frederic R., assignor.)

Eastman Kodak Company. (See Bellenson, Bernard, assignor.)

Eastman Kodak Company. (See Boulet, Gerald L., assignor.)

Eastman Kodak Company. (See Bright, A. G., and Fisher, assignors.)

Eastman Kodak Company. (See Brooker, L. G. S., and Sprague, assignors.)

Eastman Kodak Company. (See Brooker, L. G. S., and White, assignors.)

Eastman Kodak Company. (See Brooker, L. G. S., and Williams, assignors.)

Eastman Kodak Company. (See Brunings, Karl J., assignor.)

Eastman Kodak Company. (See Bryce, Robert S., assignor.)

Eastman Kodak Company. (See Burnham, Bradshaw, assignor.)

Eastman Kodak Company. (See Burnham, B., and Hoag, assignors.)

Eastman Kodak Company. (See Capstaff, John G., assignor.)

Eastman Kodak Company. (See Carroll, B. H., and Spence, assignors.)

Eastman Kodak Company. (See Carroll, B. H., and Staud, assignors.)

Eastman Kodak Company. (See Childs, Henry R., assignor.)

Eastman Kodak Company. (See Clark, Halford R., assignor.)

Eastman Kodak Company. (See Clarke, H. T., and Stampfl, assignors.)

Eastman Kodak Company. (See Crumrine, Chester W., assignor.)

Eastman Kodak Company. (See Davey, Edward P., assignor.)

Eastman Kodak Company. (See Dickey, Joseph B., assignor.)

Eastman Kodak Company. (See Dickey, J. B., and McNally, assignors.)

Eastman Kodak Company. (See Dickey, J. B., and Straley, assignors.)

Eastman Kodak Company. (See Dickey, J. B., Strain, and Corbitt, assignors.)

Eastman Kodak Company. (See Drotning, Henry O., assignors.)

Eastman Kodak Company. (See Eckberg, Arvid R., assignor.)

Eastman Kodak Company. (See Ehrenfried, George, assignor.)

Eastman Kodak Company. (See Evans, Ralph M., assignor.)

Eastman Kodak Company. (See Evans, R. M., and Hanson, assignors.)

Eastman Kodak Company. (See Evans, R. M., and Luboshez, assignors.)

Eastman Kodak Company. (See Fairbanks, Henry N., assignor.)

Eastman Kodak Company. (See Fairbanks, H. N., and Wallace, assignors.)

Eastman Kodak Company. (See Fallesen, George E., assignor.)

Eastman Kodak Company. (See Fillius, Milton F., assignor.)

Eastman Kodak Company. (See Fisher, Webster E., assignor.)

Eastman Kodak Company. (See Fitch, H. L., and O'Toole, assignors.)

Eastman Kodak Company. (See Fletcher, C. L., and Crane, assignors.)

Eastman Kodak Company. (See Fordyce, Charles R., assignor.)

Eastman Kodak Company. (See Fordyce, C. R., and Clarke, assignors.)

Eastman Kodak Company. (See Frame, G. F., and Allen, assignors.)

Eastman Kodak Company. (See Fuerst, Carl C., assignor.)

Eastman Kodak Company. (See Fuller, Albert B., assignor.)

Eastman Kodak Company. (See Gearhart, William M., assignor.)

Eastman Kodak Company. (See Hale, Joseph B., assignor.)

Eastman Kodak Company. (See Hanson, Wesley T., Jr., assignor.)

Eastman Kodak Company. (See Hanson, W. T., Jr., and Evans, assignors.)

Eastman Kodak Company. (See Hasche, R. L., and Gordon, assignors.)

Eastman Kodak Company. (See Herzberger, Maximilian J., assignor.)

Eastman Kodak Company. (See Hiatt, G. D., and Crane, assignors.)

Eastman Kodak Company. (See Hiatt, G. D., and Emerson, assignors.)

Eastman Kodak Company. (See Hickey, Robert B., assignor.)

Eastman Kodak Company. (See Hincke, William B., assignor.)

Eastman Kodak Company. (See Hincke, W. B., and Waterman, assignors.)

Eastman Kodak Company. (See Holmes, F. M. E., and Seebach, assignors.)

Eastman Kodak Company. (See Hood, Henry J., assignor.)

Eastman Kodak Company. (See Hopkins, Roy S., assignor.)

Eastman Kodak Company. (See Houghton, James L., assignor.)

Eastman Kodak Company. (See Hughey, Carter J., assignor.)

Eastman Kodak Company. (See Hull, David C., assignor.)

Eastman Kodak Company. (See Hutchison, Miller R., Jr., assignor.)

Eastman Kodak Company. (See Jelley, E. E., and Staehle, assignors.)

Eastman Kodak Company. (See Jelley, E. E., and Yittum, assignors.)

Eastman Kodak Company. (See Jelley, E. E., and Weyerts, assignors.)

Eastman Kodak Company. (See Kenyon, W. O., and Reynolds, assignors.)

Eastman Kodak Company. (See Kenyon, W. O., and Yackel, assignors.)

Eastman Kodak Company. (See Kingslake, R., and Stevens, assignors.)

Eastman Kodak Company. (See Kirton, G. A., and Kemp, assignors.)

Eastman Kodak Company. (See Knott, Edward B., assignor.)

Eastman Kodak Company. (See Kridel, William J., assignor.)

Eastman Kodak Company. (See Lechleitner, Aloysius E., assignor.)

Eastman Kodak Company. (See Luboshez, Benjamin E., assignor.)

Eastman Kodak Company. (See MacNeille, Stephen M., assignor.)

Eastman Kodak Company. (See Malm, Carl J., assignor.)

Eastman Kodak Company. (See Malm, C. J., and Blanchard, assignors.)

Eastman Kodak Company. (See Malm, C. J., and Crane, assignors.)

Eastman Kodak Company. (See Malm, C. J., and Hiatt, assignors.)

Eastman Kodak Company. (See Mannes, L. D., and Godowsky.)

Eastman Kodak Company. (See Martin, Louis D., assignor.)

Eastman Kodak Company. (See Matthews, I. C., and Sheppard, assignors.)

Eastman Kodak Company. (See McLain, William R., assignor.)

Eastman Kodak Company. (See McNally, James G., assignor.)

Eastman Kodak Company. (See McNally, J. G., and Dickey, assignors.)

Eastman Kodak Company. (See McNally, J. G., Dickey, and Gray, assignors.)

Eastman Kodak Company. (See McNally, J. G., and Duennebier, assignors.)

Eastman Kodak Company. (See McNally, J. G., and Morey, assignors.)

Eastman Kodak Company. (See Meyer, Lester W. A., assignor.)

Eastman Kodak Company. (See Mihalyi, Joseph, assignor.)

Eastman Kodak Company. (See Mihalyi, Joseph, and Scott, assignors.)

Eastman Kodak Company. (See Miller, Howard A., assignor.)

Eastman Kodak Company. (See Morris, Robert H., assignor.)

Eastman Kodak Company. (See Muehler, Lowell R., assignor.)

Eastman Kodak Company. (See Muehler, L. E., and Eaton, assignors.)

Eastman Kodak Company. (See Nadeau, G. F., and Hilborn, assignors.)

Eastman Kodak Company. (See Nadeau, G. F., and Miller, assignors.)

Eastman Kodak Company. (See Nadeau, G. F., and Starck, assignors.)

Eastman Kodak Company. (See Peterson, Willard D., assignor.)

Eastman Kodak Company. (See Peterson, W. D., and Weissberger, assignors.)

Eastman Kodak Company. (See Pitt, F. H. G., and Nagel, assignors.)

Eastman Kodak Company. (See Porter, H. D., Yittum, and Weissberger, assignors.)

Eastman Kodak Company. (See Porter, H. D., and Weissberger, assignors.)

Eastman Kodak Company. (See Porter, H. D., Weissberger, and Yittum, assignors.)

Eastman Kodak Company. (See Richardson, E. E., and Chechak, assignors.)

Eastman Kodak Company. (See Riddell, William A., assignor.)

Eastman Kodak Company. (See Robertson, Alfred C., assignor.)

Eastman Kodak Company. (See Salminen, I. F., and Weissberger, assignors.)

Eastman Kodak Company. (See Schade, Willy, assignor.)

Eastman Kodak Company. See Schade, W., and Tolle, assignors.)

Eastman Kodak Company. (See Schinzel, Karl, assignor.)

Eastman Kodak Company. (See Schubert, Alvin E., assignor.)

Eastman Kodak Company. (See Schubert, A. E., Wangerin, and Egan, assignors.)

Eastman Kodak Company. (See Shull, Francis M., assignor.)

Eastman Kodak Company. (See Simmons, Arthur B., assignor.)

Eastman Kodak Company. (See Simmons, A. B., and Eagle, assignors.)

Eastman Kodak Company. (See Slack, Alfred D., assignor.)

Eastman Kodak Company. (See Staehle, Henry C., assignor.)

Eastman Kodak Company. (See Staud, C. J., and Popper, assignors.)

Eastman Kodak Company, et al. (See Strain, W. H., Platt, and Warren, assignors.)

Eastman Kodak Company. (See Swan, Donald R., assignor.)
Eastman Kodak Company. (See Swan, D. R., and Lindquist, assignors.)
Eastman Kodak Company. (See Thomas, D. S., Jr., assignor.)
Eastman Kodak Company. (See Tucker, S. M., and Schuler, assignors.)
Eastman Kodak Company. (See Tuttle, C. M., and Bornemann, assignors.)
Eastman Kodak Company. (See Vanselow, W., Weissberger, and Glass, assignors.)
Eastman Kodak Company. (See Vittum, Paul W., assignor.)
Eastman Kodak Company. (See Vittum, P. W., and Peterson, assignors.)
Eastman Kodak Company. (See Vittum, P. W., Peterson, and Porter, assignors.)
Eastman Kodak Company. (See Vittum, P. W., and Wilder, assignors.)
Eastman Kodak Company. (See Weissberger, Arnold, assignor.)
Eastman Kodak Company. See Weissberger, A., and Carroll, assignors.)
Eastman Kodak Company. (See Weissberger, A., and Vittum, assignors.)
Eastman Kodak Company. (See Wellman, H. C., and Brown, assignors.)
Eastman Kodak Company. (See Wengel, Raymond W., assignor.)
Eastman Kodak Company. (See Weyerts, Walter J., assignor.)
Eastman Kodak Company. (See Wittel, Otto, assignor.)
Eastman Kodak Company. (See Woodson, Robert A., assignor.)
Eastman Machine Company. (See Clark, Frederick G., assignor.)
Eastman, Nathaniel, New York, N. Y. Pointer for pencil lead. 2,359,093; Sept. 26.
Eastman, Nathaniel, assignor to Futura Amusement Corporation, New York, N. Y. Amusement or instruction device. 2,364,699; Dec. 12.
Eastman Oil Well Survey Corporation, et al. (See Collins, Charles P., assignor.)
Eastman Oil Well Survey Company, et al. (See Miller, Leonidas C., assignor.)
Eastman Oil Well Survey Company, et al. (See Opocensky, Willard J., assignor.)
Eastman Oil Well Survey Company, et al. (See Park, Stafford, assignor.)
Easton Car & Construction Company. (See Weierbach, Robin T., assignor.)
Easy Washing Machine, Corporation. (See Scheele, Charles C., assignor.)
Eaton, Bruce G. (See Parkin, J. C., and Eaton.)
Eaton, George R., Antioch, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Automatic telephone system. Re. 22,505; June 27.
Eaton, George R., Oak Park, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Dial with magnetic governor. 2,339,919; Jan. 25.
Eaton, George R., Oak Park, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Automatic telephone system. 2,351,808; June 20.
Eaton, George T. (See Muehler, L. E., and Eaton.)
Eaton, James T., Wyncote, and P. W. Volk, assignors to E. F. Houghton and Co., Philadelphia, Pa. Preparing a sulphonated product. 2,352,698; July 4.
Eaton, Jesse R., Chandler, Ariz. Internal-combustion engine. 2,349,816; May 30.
Eaton, John, Schenectady, N. Y., assignor to General Electric Company. Control system. 2,343,648; Mar. 7.
Eaton, John, Schenectady, N. Y., assignor to General Electric Company. Electromagnetically operated switch. 2,344,809; Mar. 21.
Eaton, Karl B., Ootacamund, Nilghiri Hills, South India. Play pen. 2,341,366; Feb. 8.
Eaton Manufacturing Company. (See Brawn, Dennis F., assignor.)
Eaton Manufacturing Company. (See Findley, Howard J., assignor.)
Eaton Manufacturing Company. (See Hoern, Joseph H., assignor.)
Eaton Manufacturing Company. (See Koestering, Walter T., assignor.)
Eaton Manufacturing Company. (See McDonald, Charles B., assignor.)
Eaton Manufacturing Company. (See Voorhies, Carl, assignor.)
Eaton Manufacturing Company. (See Voorhies, Harry E., assignor.)
Eaton Manufacturing Company. (See Wallace, William H., assignor.)
Eaton Manufacturing Company. (See Welsand, J., Jr., and Lee, assignors.)
Eaton, Roland D., New York, N. Y., and R. C. Retherford, Newark, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Welded structure and means and method of welding. 2,344,660; Oct. 17.
Eaton, Wilfred A., assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Clutch control mechanism. 2,344,399; Mar. 14.
Eaton, Wilfred A., assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Throttle controlling mechanism. 2,346,015; Apr. 4.
Eaton, Wilfred A., assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Brake mechanism. 2,360,659; Oct. 17.
Eayrs, Thomas C., Buffalo, N. Y. Hot top for steel ingot molds. 2,361,386; Oct. 31.
Ebbers, Mainolf, Nordhorn, Grafschaft Bentheim, and A. Helbig and H. Mewes, Berlin, Germany; vested in the Alien Property Custodian. Dental unit. 2,351,943; June 20.
Ebeling, Frederick J., Staunton, Va. Toy. 2,357,179; Aug. 29.
Ebelke, William H., Naugatuck, Conn., assignor to United States Rubber Company, New York, N. Y. Thiaxyl sulphamine derivative. 2,343,588; Mar. 7.
Ebelke, William H., Naugatuck, Conn., assignor to United States Rubber Company, New York, N. Y. Thiaxyl sulphenamide derivatives. 2,351,496; June 13.
Eberhard, Harmon S., Peoria, Ill., assignor to Caterpillar Tractor Co., San Leandro, Calif. Final drive housing for combat vehicles. 2,352,086; June 20.
Eberhard, Harmon S., Peoria, Ill., assignor to Caterpillar Tractor Co., San Leandro, Calif. Tractor. 2,363,062; Nov. 21.
Eberhart, Arthur H., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Air conditioning apparatus. 2,343,121; Feb. 29.
Eberhart, Arthur H., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Air conditioning apparatus. 2,343,122; Feb. 29.
Eberman, Augustus H., assignor to J. B. Howley, Geneva, Ill. Apparatus for making filters. 2,355,714; Aug. 15.
Ebert, Joseph F., Hollis, assignor to Allied Control Company, Inc., New York, N. Y. Contact terminal structure. 2,347,815; May 2.
Ebert, Joseph F., Hollis, assignor to Allied Control Company, Inc., New York, N. Y. Equalized double contact arm. 2,356,836; Aug. 29.
Ebert, Milton R., Erie, Pa. Headlight attachment. 2,349,853; May 30.
Ebert, Robert. (See Schotte, H., and Ebert.)
Eble, Otto H., and M. J. Mason, assignors to Anheuser-Busch, Incorporated, St. Louis, Mo. Bleaching starch. 2,343,048; Feb. 29.
Eby, Hugh H., Inc. (See Daens, William A., assignor.)
Eby, Hugh H. (See Drawing, Arthur M., assignor.)
Eby, Hugh H., Inc. (See Hurleman, Walter, assignor.)
Eccentric Derrick, Inc. (See Gleason, Thomas, assignor.)
Eccleston, John O. (See Kroyer, John M., assignor.)
Eckberg, Arvid R., assignor to Eastman Kodak Company, Rochester, N. Y. Making vessels. 2,362,544; Nov. 14.
Eckel, Oliver C., Cambridge, Mass. Clip. 2,365,629; Dec. 19.
Ecker, Ruprecht. (See Gumlich, W., and Ecker.)
Eckers, Carl. (See Abramson, H., and Eckers.)
Eckert, Clarence J., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Optical instrument. 2,351,747; June 20.
Eckert, Leon L., et al. (See Swarr, Samuel V., Sr., assignor.)
Eckert, Sue M., et al. (See Swarr, Samuel V., Sr., assignor.)
Eckhard, William K., Newark, N. J., and E. W. Goodwin, New Rochelle, assignors to R. Hoe & Co., Inc., New York, N. Y. Mechanism for registering printing plates. 2,339,467; Jan. 18.
Eckman, George E., New Milford, N. J., assignor to American Can Company, New York, N. Y. Container. 2,342,128; Feb. 22.
Eckman, George E., New Milford, N. J., assignor to American Can Company, New York, N. Y. Container. 2,344,505; Mar. 21.
Eckstein, George R. (See Catlin, J. P., and Eckstein.)
Eckstein, George R. (See Deam, A. A., and Eckstein.)
Economic Machinery Company. (See Craig, Francis A., assignor.)
Economic Machinery Company. (See Dermody, John, assignor.)
Economy Oil Trucking Corporation. (See Fits, William G., assignor.)
Economy Screw Corporation. (See Cherry, Andrew J., assignor.)
Edahl, Knute, Chicago, Ill., assignor to Holland Company, Stabilizing mechanism for railway trucks. 2,340,869; Feb. 8.
Eddins, Daniel S., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Vehicle body. 2,353,320; July 18.
Eddins, William N., San Antonio, Tex. Fluid pressure operated pump. 2,339,920; Jan. 25.
Eddison, William B., Irvington, N. Y. Unbalance correction machine. 2,359,470; Oct. 3.
Eddy, Arnold, Middletown, Conn., assignor, by mesne assignments, of one-half to H. W. Striker, New York, N. Y. Handling cloth during finishing. 2,357,730; Sept. 5.

Eddy, Edwyn A., Stewart Manor, Long Island, assignor to Brewster Aeronautical Corporation, Long Island City, N. Y. Airplane retractible tail wheel or skid mount. 2,355,210; Aug. 8.
Eddy, Forrest R., and R. D. Huffington, Gary, Ind., assignors to Carnegie-Illinois Steel Corporation. Discharge table. 2,360,661; Oct. 17.
Eddy, William C., Chicago, Ill., assignor to Radio Corporation of America. Synchronizing system. 2,354,583; July 25.
Eddy, William C., Kenilworth, Ill., assignor to Radio Corporation of America. Exhibiting apparatus. 2,360,662; Oct. 17.
Eddy, William C., Kenilworth, Ill., assignor to Radio Corporation of America. Electrical biasing means. 2,360,663; Oct. 17.
Eddy, William C., Kenilworth, Ill., assignor to Radio Corporation of America. Recording optical images. 2,361,183; Oct. 24.
Eddy, William C., Michigan City, Ind. Control mechanism for sound reproducing apparatus. 2,352,778; July 4.
Edelmann, Leo, Chicago, Ill. Thermohydrometer. 2,345,921; Apr. 4.
Edelmann, Leo, and T. T. Tobin, Chicago, Ill. Parts handling and making machine. 2,361,091; Oct. 24.
Edelstein, Edwin. (See Palmer, R. C., and Edelstein.)
Edelstein, Edwin. (See Palmer, R. C., Oliver, and Edelstein.)
Edelstein, Oscar, Hamden, Conn., assignor to The Pond Lily Company. Water repellent textile and producing the same. 2,361,830; Oct. 31.
Edelstein, Sidney M., Elizabeth, N. J. Solubilized cellulose and making. 2,357,731; Sept. 5.
Eden, A. G. (See Kaulen, Robert, assignor.)
Eden, Charles H., and E. E. Stevenson, Los Angeles, Calif. Variable volume pump. 2,359,513; Oct. 3.
Eden, Harold W., assignor to The Imperial Brass Manufacturing Company, Chicago, Ill. Compression coupling. 2,344,032; Mar. 14.
Ederer, Lothar A., Chicago, Ill. Antiskid net for vehicle tires and the like. 2,341,316; Feb. 8.
Ederer, Lothar A., Chicago, Ill. Antiskid device. 2,346,477; Apr. 11.
Ederer, R. J., Company. (See Grabowsky, Murray, assignor.)
Edes Manufacturing Company, The. (See Masse, Thomas J., assignor.)
Edfors, Sven E., Saco, Maine, assignor to Saco-Lowell Shops, Boston, Mass. Builder motion for spinning and twister frames. 2,345,245; Mar. 28.
Edgar, David. (See Knowlton, C. D., and Edgar.)
Edgar, Doris A., Spokane, Wash. Washing apparatus. 2,345,185; Mar. 28.
Edgar, Frank B., Des Moines, Iowa. Power control. 2,346,565; Apr. 11.
Edgar, John, assignor to Barber-Colman Company, Rockford, Ill. Broaching method. 2,357,094; Aug. 29.
Edgar, Robert F., Patternsonville, N. Y., assignor to General Electric Company. Electromagnetic device. 2,352,948; July 4.
Edge, Stanley H. (See Willett, S. E., and Edge.)
Edgerton, Harold E., Belmont, Mass. Electric system. 2,342,257; Feb. 22.
Edgerton, Harold E., Belmont, Mass. Condenser-discharge electric system. 2,361,603; June 20.
Edgerton, Harold E., Belmont, Mass. Flash photography. 2,358,796; Sept. 26.
Edgren, Fred E., Chicago, Ill. Paperhanger's folding box and table. 2,349,148; May 16.
Edgren, Fred E., Chicago, Ill. Paperhanger's table. 2,349,149; May 16.
Edington, Robert M., Landis Township, Cumberland County, N. J. Machine for grading articles by weight. 2,355,715; Aug. 15.
Edison, Austin G., and W. W. Heckert, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Treatment for polyamides. 2,343,174; Feb. 29.
Edison General Electric Appliance Company. (See Ettinger, W. J., and Winborne, assignors.)
Edison General Electric Appliance Company. (See Vogel, Oliver G., assignor.)
Edison General Electric Appliance Company. (See Walker, Forrest A., assignor.)
Edison General Electric Appliance Company. (See Winborne, Russell A., assignor.)
Edison, John S., Burbank, Calif. Typewriter margin justifier. 2,355,284; Aug. 8.
Edison, Theodore M., West Orange, N. J. Storage cabinet. 2,339,627; Jan. 18.
Edison, Thomas A., Incorporated. (See Bishop, Henry M., assignor.)
Edison, Thomas A., Incorporated. (See Di Toro, Michael J., assignor.)
Edison, Thomas A., Incorporated. (See Dunning, Orville M., assignor.)
Edison, Thomas A., Incorporated. (See Fritsinger, George H., assignor.)
Edison, Thomas A., Incorporated. (See Gardenier, Clyde B., assignor.)
Edison, Thomas A., Incorporated. (See Gregory, Alan F. C., assignor.)
Edison, Thomas A., Incorporated. (See Huenlich, Charles, assignor.)
Edison, Thomas A., Incorporated. (See Kelly, Frederick G., assignor.)
Edison, Thomas A., Incorporated. (See La Forest, Louis Z., assignor.)
Edison, Thomas A., Incorporated. (See Ludwick, William L., assignor.)
Edison, Thomas A., Incorporated. (See Miller, Walter H., assignor.)
Edison, Thomas A., Incorporated. (See Nell, James W., assignor.)
Edison, Thomas A., Incorporated. (See Somers, Richard M., assignor.)
Edison Wood Products, Incorporated. (See Webb, Charles E., assignor.)
Edlich, William, Dover, N. J. Variable-speed power transmission. 2,353,448; July 11.
Edmonds, Edward C., et al. (See Corber, Frederick H., assignor.)
Edmonds, Eugene A., assignor to Henry Vogt Machine Co., Inc., Louisville, Ky. Double pipe expansion chiller. 2,344,606; Mar. 21.
Edmonds, Radcliffe G. (See Murray, I. L., and Edmonds.)
Edmund, James M., Washington, D. C. Packing arrangement. 2,349,253; May 23.
Edmunds, Earl J., Los Angeles, assignor to Montgomery Brothers, San Francisco, Calif. Internal combustion engine. 2,338,084; Jan. 4.
Edson, James O., Great Kills, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric wave amplifier with feedback. 2,362,195; Nov. 7.
Edson, Robert C. (See Alford, R. S., and Edson.)
Edson, William A., Chicago, Ill., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Stabilized oscillator. 2,343,539; Mar. 7.
Edvarsson, Johan E. E., assignor to Aktiebolaget Separator, Stockholm, Sweden. Separation of emulsions and colloidal solutions. 2,365,256; Dec. 19.
Edwards, Alfred J., Franklin, Tenn. Fishing lure. 2,359,410; Oct. 3.
Edwards, Arthur O., Villanova, Pa. Drill. 2,356,921; Aug. 29.
Edwards, Caleb M. (See Edwards, James G., assignor.)
Edwards and Company. (See Fish, George R., assignor.)
Edwards and Company. (See Holzmann, John W., assignor.)
Edwards, David H., and E. O. Mueller, Kenmore, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Article of manufacture. 2,361,464; Oct. 31.
Edwards, Frank W., assignor to The Telling Belle Vernon Company, Cleveland, Ohio. Display cabinet. 2,340,368; Apr. 11.
Edwards, Frederick H., Meriden, Conn. Crushing machine. 2,353,955; July 18.
Edwards, George H., New York, N. Y., assignor to Benjamin Hulsh, Chicago, Ill. Cleaning compositions for rugs, upholstery, furs, and the like. 2,364,608; Dec. 12.
Edwards, Harold G., Perry, Fla. Crushing machine. 2,356,122; Aug. 15.
Edwards, Herbert C., Massillon, assignor to The Timken Roller Bearing Company, Canton, Ohio. Fuel injector. 2,365,752; Dec. 26.
Edwards, Herbert E., Wellesley, Mass. Machine for cutting rings from cylindrical tubing. 2,356,038; Aug. 15.
Edwards, Ivan R. C., Georgetown, British Guiana. Scissors. 2,361,387; Oct. 31.
Edwards, James G., Wilkes-Barre, Pa., assignor to C. M. Edwards, Glencoe, Ill. Automatic air coupler. 2,357,180; Aug. 29.
Edwards, John P., assignor to Hooker Electrochemical Company, Niagara Falls, N. Y. Production of thionyl chloride. 2,362,057; Nov. 7.
Edwards, John S., St. Joseph, Ind. Steering means for vehicles. 2,359,978; Oct. 10.
Edwards, Martin A. (See Willis, C. H., and Edwards.)
Edwards, Martin A., Scotia, N. Y., assignor to General Electric Company. Electrical system. 2,338,498; Jan. 4.
Edwards, Martin A., Scotia, N. Y., assignor to General Electric Company. Electrical system. 2,352,620; July 4.
Edwards, Martin A., Scotia, D. E. Garr, Schenectady, and B. S. Weaver, Scotia, N. Y., assignors to General Electric Company. Test system. 2,347,037; Apr. 18.
Edwards, Martin A., D. E. Garr, and G. E. Shand, Schenectady, N. Y., assignors to General Electric Company. Furnace control system. 2,354,911; Aug. 1.
Edwards, Martin A., and K. K. Bowman, Scotia, N. Y., assignors to General Electric Company. Turret control system. 2,365,152; Aug. 22.
Edwards, Miles L., assignor to Weyerhaeuser Timber Company, Longview, Wash. Nozzle. 2,341,859; Feb. 15.
Edwards, Miles L., assignor to Weyerhaeuser Timber Company, Longview, Wash. Removing bark from logs. 2,342,533; Feb. 22.
Edwards, Paul G., Verona, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Negative resistance loading. 2,360,940; Oct. 24.
Edwards, Ralph, Osceola, Ind. Cream extractor. 2,345,470; Mar. 28.

Edwards, Roy H., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Steam iron. 2,342,653; Feb. 29.

Edwards, Russell W., Arcadia, Calif. Temporary fastener. 2,343,499; Mar. 7.

Edwards, William C., assignor to A. L. Rockett, Los Angeles, Calif. Apparatus for exhibiting motion picture film. 2,345,869; Apr. 4.

Edwards, William E., assignor to Sutcliffe Speakman and Company Limited, Leigh, England. Recovery of organic liquids which are soluble or partially soluble in water. 2,339,386; Jan. 18.

Edwards, William E., Ellwood City, Pa., W. J. Fletcher, Gary, Ind., and L. E. Robinson, Ellwood City, Pa., assignors to National Tube Company. Apparatus for automatically severing tubing. 2,340,870; Feb. 8.

Edwards, William F. M., Esher, assignor to Fliter Tips Limited, London, England. Manufacture of cigarettes. 2,341,748; June 20.

Edwards, William G. (See Barnes, M. H., Burch, and Edwards.)

Edwards, William G., and E. L. McCandless, Kenmore, N. Y., assignors to The Linde Air Products Company. Treatment of castings. 2,353,657; July 18.

Edwards, William H., Great Neck, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,341,027; Feb. 8.

Edwards, William S., Hamden, assignor to Sargent & Company, New Haven, Conn. Sliding door hanger. 2,343,121; Nov. 21.

Edzard, Gustav, administrator. (See Scheler, E., and Rohrbach.)

Eeakin, Willard D., Northampton Township, Summit County, Ohio. Aquatic figure and apparatus for actuating the same. 2,345,243; Mar. 28.

Egan, James E., West New Brighton, N. Y., assignor to The Procter & Gamble Company, Cincinnati, Ohio. Divisible soap bar. 2,339,773; Jan. 25.

Egan, John F. (See Schubert, A. E., Wangerin, and Egan.)

Egbert, George H. (See Chason, D. H., and Egbert.)

Egeda, Lawrence E., Milwaukee, Wis. Flour mill. 2,343,757; Mar. 7.

Egedal, Lawrence E., Milwaukee, Wis. Grain processing apparatus. 2,365,179; Dec. 19.

Eger, Ernst, Grosse Pointe Park, Mich., assignor to United States Rubber Company, New York, N. Y. Making puncture sealing inner tubes. 2,338,235; Jan. 4.

Eger, Ernst, Grosse Pointe Park, Mich., assignor to United States Rubber Company, New York, N. Y. Safety inner tube. 2,354,912; Aug. 1.

Egge, Klaus, Mount Lebanon, Pa. Exhaust apparatus. 2,340,735; June 6.

Egger, Daniel F. (See Pavlecka, V. H., and Egger.)

Eggleston, Cecil E., Minneapolis, Minn. Jewelry cleaner. 2,342,251; Nov. 7.

Egloff, Gustav, assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 2,343,649; Mar. 7.

Egloff, Gustav, assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,348,531; May 9.

Egloff, Gustav, and V. Komarewsky, assignors to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 2,355,961; Aug. 15.

Egloff, Gustav, assignor to Universal Oil Products Company, Chicago, Ill. Method of conducting conversion reactions. 2,358,497; Sept. 19.

Egloff, Gustav, assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,340,552; Oct. 17.

Egloff, Gustav, assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 2,340,553; Oct. 17.

Ego, George R., Brantford, Ontario, assignor to Massey-Harris Company Ltd., Toronto, Ontario, Canada. Direct coupled two-way plow. 2,339,468; Jan. 18.

Egry Corporation, The. (See Pfeiffer, William C., assignor.)

Egry Register Company, The. (See Dolan, Cyril L., assignor.)

Egry Register Company, The. (See Wyrick, Clayton E., assignor.)

Ehlinger, Joseph. (See Hess, F. O., and Ehlinger.)

Ehnbom, Bo K. G., Stockholm, Sweden, assignor, by mesne assignments, to Servel, Inc., New York, N. Y. Gas burner. 2,344,400; Mar. 14.

Ehrenfeld, Ralph, Euclid, assignor to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Motor testing apparatus. 2,352,770; July 4.

Ehrenfried, George, assignor to Eastman Kodak Company, Rochester, N. Y. Producing dye images. 2,350,736; June 6.

Ehrenhaft, Franz F. (See Ligh, D. R., and Ehrenhaft.)

Ehret, John, Jr., Trenton, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Chuck unit particularly adapted for stem making machines. 2,350,220; May 30.

Ehret, John, Jr., Trenton, N. J., and C. W. Maurer, Freeport, assignors to Western Electric Company, Incorporated, New York, N. Y. Material treating apparatus. 2,356,837; Aug. 29.

Ehrgott, Karl, Baltimore, Md., and A. C. Hagg, Forest Hills, Pa., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Vibration pickup. 2,363,303; Nov. 21.

Ehrhardt, Robert A., New Providence, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Reducing edge leakage in metal oxide-metal rectifiers. 2,361,680; Oct. 31.

Ehrke, Louis F. (See Slack, C. M., and Ehrke.)

Ehrlich, Adolph, New York, N. Y. Diamond abrasive stick. 2,347,597; Apr. 25.

Ehrlich, Josef, New York, N. Y. Lamp. 2,357,732; Sept. 5.

Ehrlich, Samuel D. (See McNutt, J. D., and Ehrlich.)

Ehrlich, Walter A. (See Gladfelter, W. I., and Ehrlich.)

Ehrling, Gunnar E. (See Tjaarda, J., and Ehrling.)

Ehrsam, J. B., & Sons Manufacturing Company, The. (See Rosenleaf, J. R., and Benham, assignors.)

Eiane, Halvor O., Washington Island, Wis. Automatic gun mechanism. 2,345,736; Apr. 4.

Eiben, Michael A., Cleveland, Ohio. Apparatus for treating cement. 2,350,737; June 6.

Eich, Frank A., Melrose, and N. A. Monfils, Haverhill, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J. Heel building machine. 2,357,813; Sept. 12.

Eichberg, Joseph, Great Neck, N. Y., assignor to American Lecithin Company, Cleveland, Ohio. Turpentine composition and making. 2,355,061; Aug. 8.

Eichelberger, James K., Austin, Tex. Building construction. 2,363,405; Nov. 21.

Eichelsbach, George P., Jr. (See Stockstrom, A., and Eichelsbach.)

Eichhorn, Carl E., Steinach in Thuringen, Germany; vested in the Alien Property Custodian. Electromagnetic oscillating device with freely oscillating armature. 2,338,909; Jan. 11.

Eichler, Ulrich, Glashutte, Germany; vested in the Alien Property Custodian. Calculating and registering machine. 2,340,261; Jan. 25.

Eichschmidt, Max. (See Decker, J. B., and Eichschmidt.)

Eickmeyer, Earl E., and A. G. Horvath, assignors to The Dayton Pump and Manufacturing Company, Dayton, Ohio. Dispensing apparatus. 2,342,333; Feb. 22.

Eickmeyer, Earl E., and A. G. Horvath, assignors to The Dayton Pump and Manufacturing Company, Dayton, Ohio. Gasoline dispensing apparatus. 2,354,249; July 25.

Eidmann, Ethel I., executrix. (See Amend, A., Jr., and Eidmann.)

Eidmann, Frank L. (See Amend, A., Jr., and Eidmann.)

Eidt, John N., Elyria, Ohio. Applicator. 2,357,256; Aug. 29.

Eiland, Odus C. (See Dunn, A., and Eiland.)

Eilenberger, Stanley D., Kenosha, Wis., assignor to Wolgen Co., Chicago, Ill. Magnetic recording and reproducing system. 2,361,752; Oct. 31.

Eilenberger, Stanley D., Kenosha, Wis., assignor to Wolgen Co., Chicago, Ill. Magnetic pole piece. 2,361,753; Oct. 31.

Eilerman, George E. (See Gerhart, H. L., and Eilerman.)

Eilers, Frank B., assignor to Tokheim Oil Tank and Pump Company, Fort Wayne, Ind. Liquid dispensing device. 2,340,871; Feb. 8.

Eilers, Louis K. (See Gebauer-Fuelnegg, E., Eilers, and Moffett.)

Eimco Corporation, The. (See Peterson, Clarence J., assignor.)

Einloth, Henry, Irvington, N. J., assignor to American Can Company, New York, N. Y. Machine for making fiber containers. 2,357,814; Sept. 12.

Einson-Freeman Co. (See Gold, Sam, assignor.)

Einson-Freeman Co. (See Horr, John V., assignor.)

Einstoss, Edward, assignor to The Scholl Mfg. Co. Inc., Chicago, Ill. Foot supporting bandage. 2,358,966; Sept. 26.

Einzig, Henry, assignor to Stemar Displays Company, Chicago, Ill. Binding device. 2,349,947; May 30.

Einzig, Henry, assignor to Stemar Displays Company, Chicago, Ill. Binding device. 2,355,037; Aug. 1.

Eirich, Anna, et al. (See Eirich, Ludwig.)

Eirich, Gustav, et al. (See Eirich, Ludwig.)

Eirich, Johanna, et al. (See Eirich, Ludwig.)

Eirich, Joseph, et al. (See Eirich, Ludwig.)

Eirich, Ludwig, deceased, Hardheim, Baden, Germany, by G., L., and W. Eirich, M. Hollerbach, nee Eirich, K., J., and A. Eirich, heirs at law, and J. Eirich, Hardheim, Baden, Germany; vested in the Alien Property Custodian. Method of granulating pulverulent and plastic materials. 2,357,941; Sept. 12.

Eirich, Rosa, et al. (See Eirich, Ludwig.)

Eirich, Walburga, et al. (See Eirich, Ludwig.)

Eisaman, Roy D., Oak Park, Ill., assignor to Jasper Foods, Newport, Mich. Fish food and making. 2,358,320; Sept. 19.

Eischens, John P., Olivia, Minn. Hog waterer. 2,362,620; Nov. 14.

Eisele & Co. (See Killman, Robert T., assignor.)

Eisele & Company. (See Stahl, Arthur W., assignor.)

Eisele, Logan, Nashville, Tenn. Bottle with temperature indicating means. 2,346,832; Apr. 18.

Eisemann Corporation. (See Scott, Lloyd H., assignor.)

Eisemann Corporation. (See Tabb, Warner T., assignor.)

Eisenbeis, George G. (See Hotchkiss, C. F., Jr., and Eisenbeis.)

Eisenbeis, George G., Conklin, assignor to Stow Manufacturing Company, Binghamton, N. Y. Swivelable wire storage reel. 2,339,688; Jan. 18.

Eisenberg, Ben. (See Giannini, G. M., and Eisenberg.)

Eisenberg, Lee, et al. (See Parnell, Walter H., assignor.)

Eisendrath, B. D., Tanning Co. (See Cameron, Angus E., assignor.)

Eisenhand, Edna T., et al., co-executors. (See Traylor, John A. and J. B.)

Eisenhut, Frederick, Irvington, N. J., deceased; W. Eisenhut, executrix. Dust mop with attachable dust bag. 2,350,221; May 30.

Eisenhut, Wilhelmina. (See Eisenhut, Frederick.)

Eisenman, Joseph E. (See Britton, E. C., and Eisenman.)

Eisenman, William, and M. D. Blumenfeld, New York, N. Y., assignors, by mesne assignments, to Heyden Chemical Corporation. Production of citric acid by fermentation. 2,364,701; Dec. 12.

Eisler, Joseph D., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Seismic surveying. 2,346,369; Apr. 11.

Eisner, Edwin J., assignor to Apex Scale & Manufacturing Company, Kansas City, Mo. Weighing scale. 2,344,684; Mar. 21.

Eisner, Irving, Brooklyn, N. Y. One-piece body for garments. 2,339,322; Jan. 18.

Eistert, Bernd, and G. Kochendoerfer, Ludwigshafen-on-the-Rhine, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Basic water-soluble dyestuffs. 2,350,393; June 6.

Eitel-McCullough, Inc. (See Eitel, William W., assignor.)

Eitel-McCullough, Inc. (See Eitel, W. W., and McCullough, assignors.)

Eitel-McCullough, Inc. (See Herdman, Robert E., assignor.)

Eitel-McCullough, Inc. (See Leonard, R., and Migge, assignors.)

Eitel, William W., assignor to Eitel-McCullough, Inc., San Bruno, Calif. Making tubes. 2,340,459; Feb. 1.

Eitel, William W., assignor to Eitel-McCullough, Inc., San Bruno, Calif. Tube. 2,340,460; Feb. 1.

Eitel, William W., and J. A. McCullough, assignors to Eitel-McCullough, Inc., San Bruno, Calif. Electrical discharge device and making the same. 2,352,522; June 27.

Eitel, William W., and J. A. McCullough, assignors to Eitel-McCullough, Inc., San Bruno, Calif. Electrical discharge device. 2,355,717; Aug. 15.

Eitel, William W., and J. A. McCullough, assignors to Eitel-McCullough, Inc., San Bruno, Calif. Electrical discharge device. 2,355,718; Aug. 15.

Eitel, William W., San Bruno, and J. A. McCullough, Millbrae, assignors to Eitel-McCullough, Inc., San Bruno, Calif. Evacuating tubes. 2,358,566; Sept. 19.

Eitel, William W., San Bruno, and J. A. McCullough, Millbrae, assignors to Eitel-McCullough, Inc., San Bruno, Calif. Apparatus for evacuating tubes. 2,358,567; Sept. 19.

Eitel, William W., San Bruno, and J. A. McCullough, Millbrae, assignors to Eitel-McCullough, Inc., San Bruno, Calif. Making grids. 2,359,514; Oct. 3.

Eitel, William W., and J. A. McCullough, assignors to Eitel-McCullough, Inc., San Bruno, Calif. Relay. 2,360,941; Oct. 24.

Eiteiman, Michael A., Hamburg, N. Y., assignor to Allied Chemical & Dye Corporation. Antiskinning agent. 2,339,984; Jan. 25.

Ekbom, Hilmer N., and L. H. Crow, Cedar Rapids, Iowa, assignors to Link-Belt Speeder Corporation, Chicago, Ill. Retractable mast. 2,348,285; May 9.

Ekco Products Company. (See Jackson, Joseph G., assignor.)

Ekco Products Company. (See Kollman, Jack, assignor.)

Ekins, William J. S., assignor to Clark Equipment Company, Buchanan, Mich. Forming axle housings. 2,363,304; Nov. 21.

Eklind, Henning A. (See Blomberg, O. J., and Eklind.)

Eklund, Phillip R. (See Boyd, J., and Eklund.)

Eksergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Wheel hub. 2,349,220; May 16.

Eksergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Brake mechanisms. 2,359,094; Sept. 26.

Eksergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Brake control means. 2,365,180; Dec. 19.

Eksergian, Carolus L., and P. W. Gaenssle, Detroit, Mich., assignors to Budd Wheel Company, Philadelphia, Pa. Brake mechanism. 2,365,460; Dec. 19.

Eksergian, Rupen, Lansdowne, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Fatigue-testing machine. Re. 22,416; Jan. 11.

Elastic Stop Nut Corporation. (See Prokul, Michael K., assignor.)

Elastic Stop Nut Corporation of America. (See Tangowski, Henry C., assignor.)

Elastic Stop Nut Corporation of America. (See Tourjee, Neilson E., Jr., assignor.)

Elastic Stop Nut Corporation of America. (See Wahlstedt, K. A. R., and Newsome, assignors.)

Elbe File & Binder Co. (See Lazaroff, Samuel, assignor.)

Elberty, Robert S., Jr., assignor to Landis Tool Company, Waynesboro, Pa. Series variable voltage drive. 2,366,090; Dec. 26.

Elbertz, Frank V., Lake Orion, Mich. Production of bevel gears. 2,342,129; Feb. 22.

Elder, Flint C., Cleveland Heights, Ohio, assignor to The American Steel and Wire Company of New Jersey. Wire drawing. 2,349,708; May 23.

Elder, Flint C., Cleveland Heights, W. M. Henry, Garfield Heights, and M. W. Reed, Shaker Heights, Ohio, assignors to The American Steel & Wire Company of New Jersey. Continuous production of elongated metal stock. 2,359,095; Sept. 26.

Elder, Harold G., Chicago, and J. F. Mowat, La Grange, Ill. Metallurgical furnace and firing the same. 2,343,004; Feb. 29.

Elder, John D., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Machine and method of manufacturing spot caps. 2,342,621; Feb. 22.

Elderfield, Robert C., Hastings on Hudson, N. Y., assignor to Eli Lilly and Company, Indianapolis, Ind. β-substituted-Δ$^{\alpha,\beta}$-γ-butyrolactones and β-substituted-β-hydroxy-γ-butyrolactones and preparing them. 2,359,096; Sept. 26.

Elderfield, Robert C., Hastings on Hudson, N. Y., and M. Rubin, Baltimore, Md., assignors to Eli Lilly and Company, Indianapolis, Ind. β-substituted-Δ$^{\alpha,\beta}$-γ-butyrolactones and preparing them. 2,356,153; Aug. 22.

Elderfield, Robert C., Hastings on Hudson, N. Y., and M. Rubin, Baltimore, Md., assignors to Eli Lilly and Company, Indianapolis, Ind. β-substituted-Δ$^{\alpha,\beta}$-γ-butyrolactones and β-substituted-β-hydroxy-γ-butyrolactones and preparing them. 2,359,208; Sept. 26.

Eldredge, Kenneth R., Berkeley, assignor to Standard Oil Company of California, San Francisco, Calif. Cathode ray tube control circuit. 2,360,857; Oct. 24.

Eldredge, Walter J., San Francisco, Calif. Blotting attachment. 2,341,367; Feb. 8.

Eldridge, Ernest R. (See Bartlett, E. S., and Eldridge.)

Eldridge, James E. (See McLean, D., Eldridge, and Cravits.)

Electric Arc, Inc. (See Holslag, Claude J., assignor.)

Electric Controller & Manufacturing Company, The. (See Griffes, Milton W., assignor.)

Electric Controller & Manufacturing Company, The. (See White, Paul G., assignor.)

Electric Controller & Manufacturing Company, The. (See Wright, David C., assignor.)

Electric Furnace Company, The. (See Cope, Frank T., assignor.)

Electric Heat Control Company. (See Makuh, George, assignor.)

Electric Household Utilities Corporation. (See Gerhardt, Andrew H., assignor.)

Electric Household Utilities Corporation. (See Rocke, Floyd L., assignor.)

Electric & Musical Industries Limited. (See Blumlein, A. D., and Connell, assignors.)

Electric & Musical Industries Limited. (See Metcalfe, C., and Parrish, assignors.)

Electric & Musical Industries Limited. (See White, Eric L. C., assignor.)

Electric Railway Improvement Company. (See Cadwell, Charles A., assignor.)

Electric Service Supplies Company. (See Mageoch, Harry Y., assignor.)

Electric Steel Foundry. (See Younie, Lewis E., assignor.)

Electric Steel Foundry Company. (See Richmond, Harry H., assignor.)

Electric Storage Battery Company, The. (See Ambruster, Cornelius, assignor.)

Electric Storage Battery Company, The. (See Beetem, Frank G., assignor.)

Electric Storage Battery Company, The. (See Galloway, Charles D., assignor.)

Electric Storage Battery Company, The. (See Graf, Ernest, assignor.)

Electric Storage Battery Company, The. (See Gray, Robin, assignor.)

Electric Storage Battery Co., The. (See Olson, Clair D., assignor.)

Electric Storage Battery Company, The. (See Woodbridge, Joseph L., assignor.)

Electric Tachometer Corporation, The. (See Kolff, Petrus V., assignor.)

Electric Vacuum Cleaner Company. (See Dunbar, Ralph E., assignor.)

Electrical Engineers Equipment Co. (See Hoye, Peder R., assignor.)

Electrical Products Corporation. (See Owen, Harold R., assignor.)

Electricooker, Inc. (See Smith, Graydon, assignor.)

Electro-Chemical Engineering Corporation. (See Gunderson, L. O., and Carrick, assignors.)

Electrographic Corporation. (See Reilly, F. E., and Hoisinger.)

Electrol Incorporated. (See Ashton, Benjamin N., assignor.)

Electrolux Corporation. (See Doughman, Ferman C., assignor.)

Electrolux Corporation. (See Doughman, F. C., and Wahlberg, assignors.)

Electrolux Corporation. (See Lofgren, Gustaf E., assignor.)

Enderlin, Florian, and L. Schibler, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Emulsions in paste form and textiles printed with the same. 2,361,277; Oct. 24.

Endert, Hugo E., Belleville, assignor to Monroe Calculating Machine Company, Orange, N. J. Swaging tool. 2,349,493; May 23.

Enderby, Victor A., Lafayette, assignor to Shell Development Company, San Francisco, Calif. Preventing landslides. 2,348,458; May 9.

Endless Belt Corporation. (See Goepfert, Otto F., assignor.)

Endo Products, Inc. (See Gordon, S. M., and Kipnis, assignors.)

Endres, Günther, Hamburg, Germany; vested in the Alien Property Custodian. Cleaning and disinfecting composition. 2,348,795; May 16.

Endres, Rudolf. (See Hentrich, Winfrid, and Endres.)

Endres, Rudolf, Dessau-Rosslau, Germany; vested in the Alien Property Custodian. Plasticized vinyl polymer. 2,339,387; Jan. 18.

Endress, Clarence H., Cleveland Heights, and L. E. Pucher, South Euclid, assignors to Willard Storage Battery Company, Cleveland, Ohio. Storage battery and grid therefor. 2,361,533; Oct. 31.

Endress, Frederick A., assignor, by mesne assignments, to Tuff-Hard Corporation, Detroit, Mich. Heat treating steel. 2,364,893; Dec. 12.

Endsley, Louis E., Pittsburgh, Pa., assignor to The Frost Railway Supply Co., Detroit, Mich. Apparatus for forming coils. 2,356,662; Aug. 22.

Endsley, Louis E., Pittsburgh, Pa., assignor to The Frost Railway Supply Co., Detroit, Mich. Making car springs. 2,359,900; Oct. 10.

Endter, Waldemar A., Long Beach, Calif. Rotary latch with multiple engaging means. 2,342,848; Feb. 29.

Endter, Waldemar A., Long Beach, Calif. Lock mechanism. 2,362,253; Nov. 7.

Endter, Waldemar A., Long Beach, Calif. Reversible rotary bolt lock. 2,362,254; Nov. 7.

Endter, Waldemar A., Long Beach, Calif. Door latch. 2,362,255; Nov. 7.

Endter, Waldemar A., Long Beach, Calif. Latching mechanism. 2,362,256; Nov. 7.

Engel, Bruno, Appelviken, assignor to Aktiebolaget Separator-Nobel, Stockholm, Sweden. Producing oils with low pour points. 2,348,459; May 9.

Engel, Edward G. (See Buschow, H. F., and Engel.)

Engel, Frank A., Roselle, and D. J. Manning, Mountainside, assignors to Elizabeth Products Corporation, Elizabeth, N. J. Mechanism for digging trenches. 2,360,334; Oct. 17.

Engel, George C., Ridgewood, and A. Amend, Jr., Harrington Park, N. J., assignors to General Time Instruments Corporation, New York, N. Y. Time system. 2,354,511; July 25.

Engel, John B. (See Vaughan, F. P., Krueger, Slye, and Engel.)

Engel, Karl H., Teaneck, N. J., assignor to Allied Chemical & Dye Corporation, New York, N. Y. Purification of piperidine. 2,363,159; Nov. 21.

Engel, Karl H., West Englewood, N. J., assignor, by mesne assignments, to Allied Chemical & Dye Corporation. Isolation of meta-cresol. 2,339,388; Jan. 18.

Engel, Karl H., West Englewood, and H. L. Stasse, Hawthorne, N. J., assignors, by mesne assignments, to Allied Chemical & Dye Corporation. Purification of phthalic anhydride. 2,356,449; Aug. 22.

Engel, Leonard J., East Moline, assignor of one-half to H. Wright, Moline, Ill. Boring and cutting tool. 2,350,210; Sept. 26.

Engel, William F., Berea, Ohio. Valve mechanism. 2,351,672; June 20.

Engelbrecht, Heins J. (See Hentrich, W., Schirm, and Engelbrecht.)

Engelhardt, Carl F., Yeadon, assignor to Wilkening Manufacturing Company, Philadelphia, Pa. Piston ring. 2,345,589; Apr. 4.

Engelke, Ernest F., Merchantville, N. J., assignor to Cities Service Oil Company, New York, N. Y. Lubricant and manufacture. 2,359,979; Oct. 10.

Engelman, Herman C., Staten Island, assignor to Research Corporation, New York, N. Y. Rapper mechanism. 2,340,179; Jan. 25.

Engelmann, Max, Wilmington, Del., and J. Pikl, Glassboro, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Making ether compounds. 2,361,187; Oct. 24.

Engert, Caspar F., assignor to Foster Products Inc., Chicago, Ill. Bottleholder. 2,340,521; Feb. 1.

Engert, George J., Manitowoc, Wis. Indexing mechanism. 2,339,986; Jan. 25.

Engh, Harold V., Irvington, N. Y., assignor to Anaconda Wire and Cable Company. Manufacture of insulated wire. 2,352,426; June 27.

Engh, Howard J., Salt Lake City, Utah. Bearing knockout tool. 2,339,258; Jan. 18.

Engineering and Research Corporation. (See De Boer, Christian, assignor.)

Engineering and Research Corporation. (See Snyder, Charlie W., assignor.)

Engle, Charles T., Los Angeles, Calif. Machete dagger. 2,359,098; Sept. 26.

Engler, George P. (See Dowd, C. G., and Engler.)

Engler, Otto, Lubeck, Germany; vested in the Alien Property Custodian. Magnetic testing method. 2,351,944; June 20.

Engler, Walter N., Scarsdale, and B. L. Kline, Manhasset, assignors to The Western Union Telegraph Company, New York, N. Y. Recording signals electrically. 2,346,670; Apr. 18.

Engler, William B., San Francisco, Calif. Engine construction. 2,339,085; Jan. 25.

Englert, Adam, Milwaukee, Wis. Porthole cover assembly. 2,360,554; Oct. 17.

English, Daniel C., Gary, Ind. Cutting apparatus. 2,340,802; Feb. 1.

English Electric Company Limited, The. (See Binney, Eric A., assignor.)

English Electric Company Limited, The. (See Mardis, Paul L., assignor.)

English Electric Company Limited, The. (See Seewer, Paul W., assignor.)

English, James, Jr., Hamden, Conn., and J. Bonner and A. J. Haagen-Smit, assignors to California Institute Research Foundation, Pasadena, Calif. Synthesis of wound hormone. 2,339,259; Jan. 18.

English, John C., assignor to Johnson Gas Appliance Company, Cedar Rapids, Iowa. Ignition means for fluid fuel burners. 2,351,325; June 13.

English, John M., Norwich, Conn. Hub for coaster brakes. 2,357,188; Aug. 29.

English, Myrle H., Cincinnati, Ohio, assignor to Remington Arms Company, Inc., Bridgeport, Conn. Variable taper control. 2,359,901; Oct. 10.

English, Myrle H., Pompton Lakes, N. J., R. R. Jones, Roxborough, Pa., and R. R. Nydegger, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Extrusion device. 2,349,254; May 23.

English Steel Corporation Limited. (See Archer, John, assignor.)

Englund, Ernst E., assignor to The Ohio Cultivator Co., Bellevue, Ohio. Seed planter. 2,339,689; Jan. 18.

Englund, Ernst E. assignor to The Ohio Cultivator Co., Bellevue, Ohio. Seed planter. 2,360,319; Oct. 17.

Enge, William, Piedmont, Calif., assignor to Shell Development Company, San Francisco, Calif. Stabilization of unsaturated halides. 2,341,140; Feb. 8.

Engstrom, Thor. (See Nienbaum, A. A., and Engstrom.)

Engstrom, William, Muskegon, and E. Ginn, North Muskegon, assignors to Continental Motors Corporation, Muskegon, Mich. Crankcase ventilating system. 2,346,736; Apr. 18.

Enholm, Lewis W., Wollaston, Mass., assignor to W. H. Field, doing business as William H. Field Company, Boston, Mass. Grinding apparatus. 2,353,956; July 18.

Ennis, Earl, San Francisco, Calif. Work holder. 2,352,699; July 4.

Ennor, William T., Newark, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Wire fabric. 2,356,963; Aug. 15.

Enoch, Duard W. (See Cohen, M., Enoch, Hasty, and Jorgenson.)

Enos, John P., Union, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing-machine attachment. 2,356,663; Aug. 22.

Enoz Chemical Company, The. (See Rich, Hyman R., assignor.)

Enright, John J., Pittsburgh, and H. E. Foote, Mount Lebanon, Pa., assignors to Standard Brands Incorporated, New York, N. Y. Treating yeast. 2,346,671; Apr. 18.

Ensign, Albert E. (See Boyer, R. A., and Ensign.)

Ensign Carburetor Co., Ltd. (See Westlund, Karl W., assignor.)

Enterprise Engine & Foundry Company. (See Bried, Julien A., assignor.)

Enterprise Engine & Foundry Company. (See Harris, Harry H., assignor.)

Enterprise Engine & Foundry Company. (See Lang, Charles W., assignor.)

Enterprise Manufacturing Company, The. (See Adams, Walter L., assignor.)

Enterprise Manufacturing Company, The. (See Garman, Robert P., assignor.)

Enterprise Manufacturing Company, The. (See Khoenle, Herman F., assignor.)

Enterprises Electriques Fribourgeoises. (See Challet, Etienne, assignor.)

Entz, Ferdinand S., Mount Kisco, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Selective signaling and lockout system. 2,346,420; Apr. 11.

Envall, Roy N., Drexel Hill, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Steam iron. 2,350,452; June 6.

Epiphone Inc. (See Moorhouse, Ben, assignor.)

Eplett, Albert D., Bridgeport, Conn., assignor to Manning, Maxwell & Moore, Incorporated, New York, N. Y. Safety valve. 2,347,676; May 2.

Eplett, Albert D., Bridgeport, Conn., assignor to Manning, Maxwell & Moore, Incorporated, New York, N. Y. Safety valve. 2,364,700; Dec. 12.

Eppenbach, Edwin G., Manhasset, N. Y. Combination grinder and homogenizer. 2,357,640; Sept. 5.

Eppenstein, Otto M. I., Jena, Germany; vested in the Alien Property Custodian. Interpupillary distance gauge. 2,361,534; Oct. 31.

Epperson, Arthur W., Hazel Park, Mich. Center drill point extractor. 2,358,153; Sept. 12.

Eppler, Andrew, Jr., Lynn, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Lasting machine. 2,339,774; Jan. 25.

Eppler, Andrew, Jr., Lynn, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Lasting mechanism. 2,362,059; Nov. 7.

Eppy, Samuel, Jamaica, N. Y. Mounting buttons and similar articles. 2,350,275; May 30.

Epstein, Albert K., and M. Katzman, assignors to The Emulsol Corporation, Chicago, Ill. Wetting-out compositions. 2,362,894; Nov. 14.

Epstein, Charles, Fall River, Mass. Ocean traveling cargo ship. 2,359,549; Oct. 3.

Epstein, Hirsch, Chicago, Ill. Glow discharge tubing and mounting the same. 2,349,255; May 23.

Epstein, Milton, and F. B. Fillo, St. Louis, Mo. Incinerator. 2,354,747; Aug. 1.

Epstein, Samuel, Bethlehem, Pa., assignor to Bethlehem Steel Company. Steel. 2,356,450; Aug. 22.

Equi-Flow Inc. (See Ungar, Gustave A., assignor.)

Equi-Flow Inc. (See Ungar, G. A., and Keller, assignors.)

Equi-Flow Inc. (See Ungar, Gustave A., and Keller, assignors.)

Equitable Paper Bag Co. (See Poppe, George W., assignor.)

Erasmus, Errol D. (See Reid, Oliver W.)

Erb, George C., Forest Hills, West, and G. W. Reese, Chappaqua, assignors to American Can Company, New York, N. Y. Container. 2,355,062; Aug. 8.

Erb, George H., East Orange, N. J. assignor to Automatic Control Corporation, St. Louis, Mo. Stoker control and circuit. 2,363,720; Nov. 28.

Erbe, Arno, Freital, near Dresden, Germany; vested in the Alien Property Custodian. Shoe and boot pasting press with circulating press moulds. 2,350,738; June 6.

Erber, Bernhard, st. Johns Wood, London, England. Electrode assembly of electronic valves. 2,350,022; May 30.

Erber, Bernhard, London, England. Capping arrangement for electronic valves. 2,365,390; Dec. 19.

Erbguth, Paul F. K., assignor to Charles J. Tagliabue Mfg. Co., Brooklyn, N. Y. Compound thermostatic bulb. 2,341,765; Feb. 15.

Erbguth, Paul F. K., assignor to Charles J. Tagliabue Mfg. Co., Brooklyn, N. Y. Predetermining system. 2,351,326; June 13.

Erck, Louis J., Nashwauk, Minn., assignor to Minerals Beneficiation, Incorporated, Joplin, Mo. Concentrating minerals. 2,353,152; July 11.

Erdeley, Zoltan, Brantford, Ontario, assignor to Gypsum, Lime and Alabastine, Canada, Limited, Toronto, Ontario, Canada. Recovery of glue from chrome-tanned leather. 2,349,542; May 23.

Erdman, Allen G. (See Taylor, G. E., and Erdman.)

Erich, Herbert C. (See Luxenberger, E. A., Erich, and Cunningham.)

Ericks, Walter P. (See McClellan, P. P., and Ericks.)

Ericks, Walter P., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Producing substituted guanidine and biguanide salts. 2,350,453; June 6.

Ericks, Walter P., Stamford, and J. H. Williams, Riverside, Conn., assignors to American Cyanamid Company, New York, N. Y. Symmetrical aryl disubstituted alkylol guanidines. 2,338,627; Jan. 4.

Ericks, Walter P., Cos Cob, and E. R. Meincke, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Esters of sulphotricarballylic acids. 2,345,041; Mar. 28.

Ericks, Walter P., Cos Cob, and J. H. Williams, Riverside, Conn., assignors to American Cyanamid Company, New York, N. Y. Substituted guanidine salts of alkyl phosphoric acids and their preparation. 2,345,388; Mar. 28.

Ericksen, Christian, Brooklyn, N. Y. Scraper. 2,347,473; Apr. 25.

Erickson, Arthur E. (See Weijlard, J., and Erickson.)

Erickson, Arthur F., San Francisco, Calif. Gas burner. 2,345,247; Mar. 28.

Erickson, Arvid M., assignor to Barron-Gray Packing Company, San Jose, Calif. Apparatus for trimming artichokes. 2,342,131; Feb. 22.

Erickson, Edwin R. (See Michalek, J. C., and Erickson.)

Erickson, Helmer E. (See Talboys, H. H., and Erickson.)

Erickson, Jens, assignor of one-half to H. C. Bjerke, Valley City, N. Dak. Door opener. 2,342,728; Feb. 29.

Erickson, John A., Jackson, Mich. Making solid fuel briquettes. 2,349,342; May 23.

Erickson, Julius L. E. (See Stevens, P. G., and Erickson.)

Erickson, Stephen E. (See Christmann, L. J., Jayne, and Erickson.)

Erickson, Stephen E. (See Jayne, D. W., Jr., Day, and Erickson.)

Erickson, Theodore A., assignor to American Bosch Corporation, Springfield, Mass. Contact opening indicator for ignition generators. 2,355,211; Aug. 8.

Ericson, Alfred G. (See Granberg, B. R., and Ericson.)

Ericson, Elmer W., Chicago, and R. E. Brauer, Riverside, assignors to The Barrett Bindery Co., Chicago, Ill. Display device. 2,352,087; June 20.

Ericson, George R., Kirkwood, assignor to Carter Carburetor Corporation, St. Louis, Mo. Internal combustion engine governor. 2,338,912; Jan. 11.

Ericson, George R., Kirkwood, and I. E. Coffey, Normandy, Mo. Internal-combustion engine. 2,355,716; Aug. 15.

Ericson, George R., Maplewood, Mo., and C. E. Markham, East St. Louis, Ill., assignors to Carter Carburetor Corporation, St. Louis, Mo. Carburetor. 2,346,016; Apr. 4.

Ericson, Richard, assignor to United States Gypsum Company, Chicago, Ill. Cellulosic product. 2,342,611; Feb. 22.

Ericsson, Elov, St. Paul, Minn. Piston sealing device. 2,364,781; Dec. 12.

Ericsson, Gustaf L., Traneberg, Sweden. Locking device for screw joints. 2,355,285; Aug. 8.

Ericsson, Knut A., Elyria, Ohio, and W. T. Mahla, McKeesport, Pa., assignors to National Tube Company. Sinker device for continuous galvanizing apparatus. 2,356,739; Aug. 29.

Erie Enameling Company, The. (See Schabacker, Henry E., assignor.)

Erie Resistor Corp. (See Minnium, Byron B., assignor.)

Erie Resistor Corporation. (See Trimbach, Clem G., assignor.)

Eriksen, Paul, Lansdowne, assignor of seventy-five per cent to S. Albert, Philadelphia, Pa. Electric welding handle. 2,345,532; Mar. 28.

Eriksen, Sivert, Charles City, Iowa, assignor to Dr. Salsbury's Laboratories. Fowl vaccinator. 2,359,550; Oct. 3.

Erikson, John, De Kalk, Ill., assignor to The Rudolph Wurlitzer Company, Cincinnati, Ohio. Accordion case. 2,351,673; June 20.

Eriksson, E. John. (See Hall, Michael F., assignor.)

Erisman, Adolph C., Port Richmond, and M. C. Smith, Elmhurst, N. Y. Operating mechanism for registering devices. 2,354,951; Aug. 1.

Erland af Kleen, Nils, Stockholm, Sweden. Boiler-absorber assembly. 2,338,712; Jan. 11.

Erland af Kleen, Nils, Stockholm, Sweden, assignor to Kleen Refrigerator, Inc., Hoboken, N. J. Thermostat valve operating mechanism for absorption refrigerating apparatus. 2,340,886; Feb. 8.

Erland af Kleen, Nils, Stockholm, Sweden, assignor to Kleen Refrigerator, Inc., Hoboken, N. J. Control mechanism for absorption refrigerating apparatus. 2,340,887; Feb. 8.

Erland af Kleen, Nils, Stockholm, Sweden, assignor to Kleen Refrigerator, Inc., Hoboken, N. J. Unitary grid assembly for ice freezing trays. 2,342,654; Feb. 29.

Erland af Kleen, Nils, Stockholm, Sweden, assignor to Kleen Refrigerator, Inc., Hoboken, N. J. Thermostat device for absorption refrigerating apparatus. 2,353,713; July 18.

Erland af Kleen, Nils, Stockholm, Sweden, assignor to Kleen Refrigerator, Inc., Hoboken, N. J. Absorption refrigerating apparatus. 2,353,714; July 18.

Erland af Kleen, Nils, Stockholm, Sweden, assignor to Kleen Refrigerator, Inc., Hoboken, N. J. Absorption refrigerating apparatus. 2,353,715; July 18.

Ernst, Charles F., Buffalo, N. Y. Container handling device. 2,360,858; Oct. 24.

Ernst, Earl A., Bakersfield, Calif. Sack jigger. 2,347,474; Apr. 25.

Ernst, Eugene, Livingston, N. J. Flat type water level gauge assembly. 2,363,780; Nov. 28.

Ernst, Hans. (See Blood, L. H., and Ernst.)

Ernst, Walter, Mount Gilead, Ohio, assignor to The Hydraulic Development Corp., Inc., Wilmington, Del. High speed forging press. 2,343,139; Feb. 29.

Ernst, Walter, Mount Gilead, Ohio, assignor to The Hydraulic Development Corporation, Inc., Wilmington, Del. Pump stroke varying structure. 2,346,254; Apr. 11.

Ernst, Walter, assignor to The Hydraulic Development Corporation, Inc., Mount Gilead, Ohio. Blank holder and die cushion cylinder having separate adjustable pressures. 2,350,884; June 6.

Ernst, Walter, Mount Gilead, Ohio, assignor to The Hydraulic Development Corporation, Inc., Wilmington, Del. Press structure. 2,357,507; Sept. 5.

Ernst, Walter, Mount Gilead, Ohio, assignor to The Hydraulic Development Corporation, Inc., Wilmington, Del. Hydraulic press. 2,357,508; Sept. 5.

Ernst, Walter, Mount Gilead, Ohio, and L. S. Hubbert, Cranford, N. J., assignors to The Hydraulic Development Corporation, Inc., Wilmington, Del. Briquetting press molding process. 2,348,197; May 9.

Ernst, Walter, Ira B. Lawyer and B. D. Ashbaugh, Mount Gilead, Ohio, assignors to The Hydraulic Development Corp., Inc., Wilmington, Del. Press frame construction. 2,349,082; May 16.

Ernst, Walter, Mount Gilead, Ohio, and D. C. Youngblood, Park Ridge, Ill., assignors to The Hydraulic Development Corporation, Inc., Wilmington, Del. Hydraulic press. 2,354,003; July 18.

Erny, Frank. (See Palley, I. N., and Erny.)

Erps, Fritz H., Silver Cliff, Colo. Automotive vehicle glare shield. 2,345,106; Mar. 28.

Erratb, Edward O., assignor to The Hell Co., Milwaukee, Wis. Refrigerating system. 2,346,017; Apr. 4.
Erskine, Herbert W., et al. (See Fanger, Herman J., assignor.)
Erskine, Herbert W., et al. (See Fanger, H. J., and Grpenhagen, assignors.)
Erwin, John F., Ann Arbor, Mich. Disintegrating metal into abrasive material. 2,341,704; Feb. 15.
Erwin, Ransome W., Tyler, Tex. Brine filter-skimmer chamber for closed crude oil emulsion treater tanks. 2,348,167; May 2.
Erwin, Ransome W., Tyler, Tex., assignor to Salt Water Control, Inc. Treating crude oil and emulsion from oil wells. 2,354,856; Aug. 1.
Erwin, Ransome W., Tyler, assignor to Salt Water Control, Inc., Fort Worth, Tex. Flow regulation apparatus for brine injection wells. 2,357,189; Aug. 29.
Esarey, Raymond W. (See Spear, W. C., and Esarey.)
Escalante, Jose & Company. (Se Lilienfeld, Eugene W., assignor.)
Escher, Charles, and J. J. Fagan, Jersey City, N. J. Combination hnng and hinged window. 2,349,543; May 23.
Escher, Edward P., Chicago, Ill., assignor to Screw Conveyor Corporation, Hammond, Ind. Elevating apparatus for handling bulk materials. 2,364,353; Dec. 5.
Escher, Joseph M., assignor to Jas. H. Matthews & Company, Pittsburgh, Pa. Jointed rubber-covered mask. 2,348,335; May 9.
Escher Wyss Maschinenfabricken Aktiengesellschaft. (See Keller, Curt, assignor.)
Eserkaln, Theodore F. (See Armitage, J. B., and Eserkaln.)
Eshbaugh, Jesse E., Flint, assignor to General Motors Corporation, Detroit, Mich. Direction signal switch. 2,362,889; Nov. 14.
Eshbaugh, Jesse E., and C. W. McKinley, Flint, assignors to General Motors Corporation, Detroit, Mich. Directional signal switch. 2,344,685; Mar. 21.
Eshbaugh, Robert D., et al. (See Back, Franz G., assignor.)
Eskimo Pie Corporation. (See Watts, Warren S., assignor.)
Eskimo Pie Corporation. (See Watts, W. S., and Losson, assignors.)
Eskin, Samuel G., Pittsburgh, assignor to Robertshaw Thermostat Company, Youngwood, Pa. Ignition system. 2,363,509; Nov. 28.
Eskin, Samuel G., Pittsburgh, Pa., assignor to American Thermometer Company, St. Louis, Mo. Thermometer. 2,364,841; Dec. 12.
Eskin, Samuel G., Pittsburgh, assignor to Robertshaw Thermostat Company, Youngwood, Pa. Temperature responsive device. 2,366,091; Dec. 26.
Eslinger, Nicholas, Foster, Ohio, assignor to Remington Arms Company, Inc. Feed mechanism. 2,350,549; June 6.
Espenschied, Helmut, Metuchen, N. J., assignor to National Lead Company, New York, N. Y. Preparation of calcium titanate. 2,346,296; Apr. 11.
Espesth, Conrad, Brooklyn, N. Y. Emergency calling set. 2,358,498; Sept. 19.
Esposito, Joseph J., Washington, D. C. Welding electrode holder. 2,338,913; Jan. 11.
Esseleo, Gustavus J., Inc. (See Dahle, Joseph, assignor.)
Esser, Wilhelm, Gladbach-Rheydt, G. Kahlbch, Rheydt, and W. Reiners, Gladbach-Rheydt, Germany; vested in the Alien Property Custodian. Cross winding frame. 2,339,914; Jan. 11.
Essl, Max, Swarthmore, Pa., assignor to The Baldwin Locomotive Works. Reversing mechanism for engines. 2,346,737; Apr. 18.
Essl, Max, Swarthmore, Pa., assignor to The Baldwin Locomotive Works. Internal-combustion engine. 2,352,824; July 4.
Esson, Edwin, assignor to Locke Stove Company, Kansas City, Mo. Water heater. 2,350,597; June 6.
Esson, Gordon F. (See Dare, C. T., and Esson.)
Estate Stove Company, The. (See Kahn, Bertrand B., assignor.)
Estey, Charles G., Elmira, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine starter gearing. 2,342,097; Feb. 15.
Estey, Roger S. (See Bennett, A. H., and Estey.)
Estey, Roger S. (See Bennett, A. H., Estey, and Styll.)
Estey, Roger S., Buffalo, W. F. Peck, Snyder, and K. W. Harper, East Aurora, assignors to Spencer Lens Company, Buffalo, N. Y. Colorimetric apparatus. 2,358,716; July 18.
Esval, Orland E. (See Beach, L. F., Esval, and Lane.)
Esval, Orland E. (See Frische, C. A., and Esval.)
Esval, Orland E., Merrick, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Gyrocompass. 2,342,655; Feb. 29.
Esval, Orland E., Merrick, and J. Freitag, Jackson Heights, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Gyroscopic centralizing and caging device. 2,348,751; May 16.
Esval, Orland E., Allendale, and C. A. Frische, Leonia, N. J., assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Flux valve magnetic compass. 2,357,319; Sept. 5.
Etched Products Corporation. (See Penker, Ernest, assignor.)
Etched Products Corporation. (See Scarsello, L., Nowatius, and Bulin, assignors.)
Etched Products Corporation. (See Waters, Joseph J., assignor.)
Etes, Elmer G., Rockford, Ill. Lift dolly. 2,339,289; Jan. 18.
Ether, Horace F., Upper Darby, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coating composition. 2,339,775; Jan. 25.
Ethyl Corporation et al. (See Heron, Sam D., assignor.)
Ethyl Corporation et al. (See Heron, S. D., and Beaver, assignors.)
Etinan, Israel K., New York, N. Y. Skull fitting hat. 2,343,758; Mar. 7.
Etnyre, E. D., & Co. (See Etnyre, George M., assignor.)
Etnyre, George M., assignor to E. D. Etnyre & Co., Oregon, Ill. Distributor for bitumen and like materials. 2,346,478; Apr. 11.
Etridge, Joseph J., Norton-on-Tees, J. B. Sandford, Saltburn, and V. Lefebure, London, England, assignors to Imperial Chemical Industries Limited. Plasterboard. 2,362,060; Nov. 7.
Etten, Nicholas L., Waterloo, Iowa. Drainboard for clothes wringers. 2,342,258; Feb. 22.
Etten, Nicholas L., Waterloo, Iowa. Wringer. 2,342,259; Feb. 22.
Etten, Nicholas L., Waterloo, Iowa. Tube nose forging furnace. 2,344,035; Mar. 14.
Etten, Nicholas L., Waterloo, Iowa. Pivotal frame wringer. 2,346,738; Apr. 18.
Etten, Nicholas L., Waterloo, Iowa. Three roll wringer. 2,363,122; Nov. 21.
Ettling, Arthur C. (See Denison, G. H., Jr., and Ettling.)
Ettlinger, Wallace J., Chicago, and R. A. Winborne, Oak Park, Ill., assignors, by mesne assignments, to Edison General Electric Appliance Company, Inc. Timing device. 2,342,461; Feb. 22.
Etzel, Gastao, Newark, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Purification of camphene. 2,358,855; Sept. 26.
Etzel, Josephine, et al. (See Hollnagel, Harold S., assignor.)
Etzler, Dorr H. (See Farrington, B. B., Clayton, and Etzler.)
Etzler, Dorr H., and B. B. Farrington, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Compounded hydrocarbon oil. 2,360,302; Oct. 10.
Euclid Road Machinery Co., The. (See Armington, George E., assignor.)
Euclid Road Machinery Company, The. (See Armington, George E. and R., assignors.)
Euclid Road Machinery Company, The. (See Armington, Stewart F. and G. E., assignors.)
Euclid Road Machinery Co., The. (See Snow, Virgil L., assignor.)
Eugene Dietzgen Co. (See Halstead, Laban R., assignor.)
Eureka Vacuum Cleaner Company. (See Carlson, V. E., and Hahn, assignors.)
Eureka Vacuum Cleaner Company. (See Hahn, Paul T., assignor.)
Eureka Vacuum Cleaner Company. (See Jaquith, G. D., and Elliott, assignors.)
Eureka Vacuum Cleaner Company. (See Mills, Herbert E., assignor.)
Eureka Vacuum Cleaner Company. (See Oaks, William B., assignor.)
Eureka Vacuum Cleaner Company. (See Severance, Glen R., assignor.)
Eureka Vacuum Cleaner Company. (See Severance, G. R., Comiskey, and Jones, assignors.)
Eureka Vacuum Cleaner Company. (See Sherrer, J. M., Severance, and Huntington, assignors.)
Eustis, Irving N., J. Boyce, and J. C. Olsen, assignors to Fairmont Railway Motors, Inc., Fairmont, Minn. Railway vehicle. 2,346,370; Apr. 11.
Eustis, Warner, Newton, assignor to The Kendall Company, Walpole, Mass. Fibrous absorbent body and making same. 2,339,562; Jan. 18.
Euth, John E., Chicago, Ill., assignor to United Autographic Register Co. Drive gear for tabulating machine attachments. 2,342,260; Feb. 22.
Evalt, George J., Philadelphia, Pa. Hotel key tag or the like. 2,357,641; Sept. 5.
Evans, Alfred W., Gloucester, Va. Hook for stump clearance. 2,359,307; Oct. 3.
Evans, Alfred W., Gloucester, Va. Power winch. 2,361,388; Oct. 31.
Evans, Alfred W., Gloucester, Va. Clearing land of trees. 2,361,931; Nov. 7.
Evans, Arthur G., Canton, Ill., assignor to International Harvester Company. Tractor-mounted implement. 2,364,250; July 25.
Evans Case Company. (See Hickman, Darold B., assignor.)
Evans Case Company. (See Reilly, Alfred F., assignor.)
Evans, Clarence T., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Safety switch. 2,631,535; Oct. 31.
Evans, Cyril D. (See Manley, R. H., and Evans.)
Evans, Cyril H., Woodford Green, England. Preparation of chlorine dioxide. 2,344,346; Mar. 14.
Evans, David E. (See Moyer, J. H., and Evans.)

Evans, David J., Tonbridge, assignor to E. C. D. Limited, Tonbridge Kent, England. Water purification apparatus. 2,351,113; June 13.
Evans, David W. T., Sutton Coldfield, assignor to T. I. (Group Services) Limited, Birmingham, England. Drawbench gripper carriage. 2,340,946; Feb. 8.
Evans, David W. T., Sutton Coldfield, assignor to T. I. (Group Services) Limited, Birmingham, England. Drawbench gripper carriage. 2,340,949; Feb. 8.
Evans, David W. T., Sutton Coldfield, assignor to T. I. (Group Services) Limited, Birmingham, England. Drawbench gripper carriage. 2,344,293; Mar. 14.
Evans, David W. T., Sutton Coldfield, assignor to T. I. (Group Services) Limited, Birmingham, England. Drawbench dog. 2,347,038; Apr. 18.
Evans, Douglas N., Gary, Ind., assignor to Inland Steel Company, Chicago, Ill. Pump. 2,362,365; Nov. 7.
Evans, Ernest E., assignor of one-third to R. E. Evans and one-third to L. A. Evans, Riverside, Calif. Elevator. 2,342,809; Nov. 14.
Evans, Francis C., Dongan Hills, N. Y., assignor to American District Telegraph Company, Jersey City, N. J. Winding mechanism. 2,343,964; Mar. 14.
Evans, Frank C., Farnham Common, assignor to Langley Alloys Limited, Langley, England. Copper base alloys. 2,357,190; Aug. 29.
Evans, Fred, Newark, N. J., assignor to Art Metal Works, Inc. Sharpening means for safety razors. 2,342,849; Feb. 29.
Evans, George C., U. S. Navy. Internal-combustion engine. 2,358,797; Sept. 26.
Evans, George D., Jenkintown, Pa. Wing locking pin warning device. Re. 22,435; Feb. 15.
Evans, Harold A., assignor to Coreve Corporation, Fairhaven, Mass. Machine for continuously coating and/or permeating sheets. 2,349,256; May 23.
Evans, Harold A., assignor to Coreve Corporation, Fairhaven, Mass. Adhesive fabric and making the same. 2,349,709; May 23.
Evans, Harold A., assignor to Coreve Corporation, Fairhaven, Mass. Adhesive fabric and manufacturing the same. 2,349,710; May 23.
Evans, Harry L., Newport, R. I., assignor to United States Automatic Box Machinery Co., Inc., Roslindale, Mass. Sheet feeding mechanism. 2,352,088; June 20.
Evans, Hector C. (See Young, D. W., and Evans.)
Evans, Howard J. (See MacLean, A. D., Kindl, and Evans.)
Evans, John C., New York, N. Y. Ventilating system. 2,339,987; Jan. 25.
Evans, John L., Sumter, S. C. Vehicle. 2,346,130; Apr. 11.
Evans, Kenneth R., Lakewood, assignor to The Midland Steel Products Company, Cleveland Ohio. Automatic arc welding head. 2,360,409; Oct. 17.
Evans, Lacey H. (See Huber, L. J., and Evans.)
Evans, Leigh R., assignor to Hardinge Brothers, Inc., Elmira, N. Y. Collet actuating device for machine tools. 2,363,721; Nov. 28.
Evans, Llewellyn W. (See Hawk, W. L., Paul, and Evans.)
Evans, Llewellyn W., and R. L. Gann, Stockton, assignors to Rheem Manufacturing Company, Richmond, Calif. Locating and supporting device for bomb parts and the like. 2,342,392; Feb. 22.
Evans, Lloyd A., et al. (See Evans, Ernest E., assignor.)
Evans, Morris S. (See Cassens, F. G., and Evans.)
Evans, Morris S., Buffalo, N. Y., and E. C. Stolberg, Glen Ridge, N. J., assignors to American Car and Foundry Company, New York, N. Y. 2,356,451; Aug. 22.
Evans, Orvall T. (See De Vack, H. A., and Evans.)
Evans Products Company. (See Cardinal, Oliver V., assignor.)
Evans Products Company. (See Muller, P. A., and Child, assignors.)
Evans Products Company. (See Schueder, G. M., and Farrell, assignors.)
Evans Products Company. (See Webb, Walter G., assignor.)
Evans, Ralph M. (See Hanson, W. T., Jr., and Evans.)
Evans, Ralph L., Bay Shore, and E. G. McDonough, Yonkers, assignors to Sales Affiliates, Inc., New York, N. Y. Depilatory. 2,352,524; June 27.
Evans, Ralph M., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic masking. 2,355,636; Aug. 15.
Evans, Ralph M., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic color correction process. 2,360,213; Oct. 10.
Evans, Ralph M., and B. E. Lubosher, assignors to Eastman Kodak Company, Rochester, N. Y. Color photography. 2,350,101; May 30.
Evans, Ralph M., and W. T. Hanson, Jr., assignors to Eastman Kodak Company, Rochester, N. Y. Sensitizing in color photography. 2,360,214; Oct. 10.
Evans, Rhys, London, England. Ventilator. 2,347,695; May 2.
Evans, Rhys D., assignor to Wingfoot Corporation, Akron, Ohio. Fabric. 2,343,109; Feb. 29.
Evans, Richard D., St. Louis, Mo. Circulating and filtering system for swimming pools and the like. 2,347,092; Apr. 18.
Evans, Richard H., London, England. Pulverizing mill. 2,361,278; Oct. 24.
Evans, Rita M., Pelham Manor, N. Y. Footwear. 2,345,187; Mar. 28.
Evans, Robert B., Grosse Pointe, Mich. Venetian blind. 2,354,803; Aug. 1.
Evans, Robert B., Penn Township, Allegheny County, assignor to Mine Safety Appliances Company, Pittsburgh, Pa. Face shield. 2,360,482; Oct. 17.
Evans, Robert D., Swissvale, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Series-capacitor control to avoid hunting. 2,345,923; Apr. 4.
Evans, Robert D., Swissvale, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Series-capacitor single-pole switching. 2,345,924; Apr. 4.
Evans, Robert D., Okmulgee, Okla., and J. V. Montgomery, Edgewood, Md., assignors to Phillips Petroleum Company. Process for the manufacture of lubricating oils. 2,340,947; Feb. 8.
Evans, Robert D., Swissvale, R. E. Marbury, and A. C. Monteith, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Stability with quickly restored protected series capacitors. 2,345,590; Apr. 4.
Evans, Robert D., Swissvale, and A. C. Monteith, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Variable series capacitor for stability. 2,345,922; Apr. 4.
Evans, Roy E., et al. (See Evans, Ernest E., assignor.)
Evans, Russell T., and J. H. Claesen, Anaheim, Calif. Disk harrow. 2,349,257; May 23.
Evans, Sidley O. (See Dreese, E. E., Evans, and Davis.)
Evans, Theodore W. (See Crawford, C. C., and Evans.)
Evans, Theodore W. (See Finch, H. de V., and Evans.)
Evans, Theodore W. (See Marple, K. E., and Evans.)
Evans, Theodore W. (See Morris, R. C., and Evans.)
Evans, Theodore W., Oakland, assignor to Shell Development Company, San Francisco, Calif. Synthetic rubber compositions. 2,358,694; Sept. 19.
Evans, Theodore W., and K. E. Marple, Oakland, assignors to Shell Development Company, San Francisco, Calif. Glycerine aryl methyl ethers. 2,351,024; June 13.
Evans, Theodore W., Oakland, and H. de V. Finch, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Manufacture of anhydrous hydrogen halide. 2,357,095; Aug. 29.
Evans, Theodore W., R. C. Morris, Berkeley, and E. C. Shokal, Oakland assignors to Shell Development Company, San Francisco, Calif. Preparation of cyclic mono-olefins. 2,360,555; Oct. 17.
Evans, Theodore W., Oakland, and R. C. Morris, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Solvent extraction process. 2,360,859; Oct. 24.
Evans, Thomas M., Pittsfield, Mass., assignor to General Electric Company. Electromagnetic induction apparatus. 2,344,294; Mar. 14.
Evans, William D., assignor to Lau-Blower Company, Dayton, Ohio. Blower conversion unit. 2,358,695; Sept. 19.
Evans, William H., St. Louis, Mo. Seam structure for flexible ventilating tubing. 2,350,158; May 30.
Evans, William J. R., Blackley, England, assignor to Imperial Chemical Industries Limited. Chlorination of polymeric materials. 2,352,525; June 27.
Evelyn, Stephen J. (See Roetoker, L., and Evelyn.)
Everel Propeller Corporation. (See Everts, Walter W., assignor.)
Everel Propeller Corporation. (See Hackethal, P. F., Lampton, and Briggs, assignors.)
Everett, Arthur C., Boston, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Container cleaning machine. 2,364,308; July 25.
Everett, Charles E., assignor to The Massey-Harris Company, Racine, Wis. Green hay harvester. 2,346,103; Apr. 4.
Everett, Frederick C., Brecksville, Ohio, assignor to Radio Corporation of America. Demodulator circuits. 2,361,616; Oct. 31.
Everett Piano Company. (See Zuck, Victor I., assignor.)
Everett, Samuel J., Thornton Heath, England. Hypodermic syringe. 2,361,617; Oct. 31.
Evering, Bernard L. (See Carmody, D. R., Evering, and d'Ouville.)
Evering, Bernard L. (See d'Ouville, E. L., and Evering.)
Evering, Bernard L., and E. L. D'Ouville, assignors to Standard Oil Company, Chicago, Ill. Hydrocarbon conversion. 2,361,368; Oct. 31.
Everitt, John F., Enid, Okla. Portable sectional building. 2,358,388; Sept. 19.
Everlasting Valve Company. (See Wilson, Wylie G., assignor.)
Evers, Harry G., and G. Elliott, Chicago, Ill., assignors to Automatic Electric Laboratories, Inc. Impulse repeater. 2,348,198; May 9.
Eversharp, Inc. (See Moore, Fred P., assignor.)
Eversharp, Inc (See Ziegler, George E., assignor.)
Everston, Joseph H., Milwaukee, Wis. Floating insole shoe and insole assembly therefor. 2,348,336; May 9.

Everts, Walter W., assignor to Everel Propeller Corporation, Baltimore, Md. Variable pitch propeller. 2,358,967; Sept. 26.

Evers, Frederick S., assignor to Automotive Products Company Limited, Leamington Spa, England. Variable pitch propeller, particularly for watercraft. 2,355,039; Aug. 1.

Evers, Frederick S., assignor to Automotive Products Company Limited, Leamington Spa, England. Seal. 2,362,125; Nov. 7.

Evers, Frederick S., Leamington Spa, and A. C. Bamford, deceased, Liverpool, by G. M. D. and D. C. Bamford, Hoylake, administrators, assignors to Automotive products Company, Limited, Leamington Spa, and Chadburn's (Ship) Telegraph Company Limited, Bootle, Liverpool, England. Liquid pressure remote-control system. 2,353,884; July 18.

Evinger, Walter J., Denver, Colo. Knife. 2,343,174; Feb. 29.

Evjen, Haakon M. (See Evjen, Knute H. and H. M.)

Evjen, Haakon M., assignor to Nordel Corporation, Houston, Tex. Apparatus for making geophysical explorations. 2,342,026; Feb. 29.

Evjen, Haakon M., assignor to Nordel Corporation, Houston, Tex. Apparatus for making geophysical explorations. 2,343,140; Feb. 29.

Evjen, Haakon M., and W. B. Lewis, assignors to Nordel Corporation, Houston, Tex. Coupling circuit. 2,342,628; Feb. 29.

Evjen, Haakon M., and W. B. Lewis, assignors to Nordel Corporation, Houston, Tex. Coupling circuit. 2,342,629; Feb. 29.

Evjen, Knute H. and H. M., assignors to Nordel Corporation, Houston, Tex. Apparatus for making geophysical explorations. 2,342,627; Feb. 29.

Evrell, Kaleb E. (See Wallgren, A. G. F., Holmström, and Evrell.)

Ewart, Roswell H., Nutley, N. J., assignor to United States Rubber Company, New York, N. Y. Addition of fluosilicates to latex. 2,343,541; Mar. 7.

Ewart, William M., Webster Groves, and J. H. Klasey, assignors to Carter Carburetor Corporation, St. Louis, Mo. Testing carburetors. 2,351,027; June 13.

Ewart, William M., Webster Groves, and J. H. Klasey, assignors to Carter Carburetor Corporation, St. Louis, Mo. Indexing type multiple station drilling machine. 2,358,389; Sept. 19.

Eweson, Eric W., New York, N. Y. Smoker's device. 2,347,941; May 2.

Eweson, Eric W., Halifax, Nova Scotia, Canada. Toilet device. 2,360,051; Oct. 10.

Ewing, Arthur R., Chicago, Ill. Rear view mirror. 2,346,739; Apr. 18.

Ewing, Edwin C., assignor to Zenith Radio Corporation, Chicago, Ill. Thermionic tube. 2,351,026; June 13.

Ewing, George W. (See Chandler, D. L., and Ewing.)

Ewing, Grant L., Richmond, Calif. Contractile casting core. 2,359,471; Oct. 3.

Ewing, Melvin H., Sabetha, Kans. Tire and wheel separating apparatus. 2,362,061; Nov. 7.

Ewing, Nathaniel, et al., Trustee. (See Daugherty, Fount F., assignor.)

Ewing, Scott, Washington, D. C. Half-cells for making potential measurements in substances. 2,338,713; Jan. 11.

Ewins, Arthur J., Gidea Park, Romford, and M. A. Phillips, Romford, assignors to May & Baker, Limited, London, England. Preparation of new therapeutically useful heterocyclic compounds. 2,353,449; July 11.

Ewins, Arthur J., Romford, and J. N. Ashley, Upminster, assignors to May & Baker Limited, Dagenham, England. Preparation of diamidino-stilbenes. 2,364,200; Dec. 5.

Exact Weight Scale Company, The. (See Katz, Maurice, assignor.)

Exact Weight Scale Company, The. (See Varney, M. D., and Spiers, assignors.)

Excel Auto Radiator Company. (See Lake, D. W., and Briskin, assignors.)

Excel Auto Radiator Company. (See Sperry, Philmore F., assignor.)

Ex-Cell-O Corporation. (See Archer, Charles E., assignor.)

Ex-Cell-O Corporation. (See Dare, C. T., and Esson, assignors.)

Ex-Cell-O Corporation. (See Hoffer, James F., assignor.)

Ex-Cell-O Corporation. (See High, Carl F., assignor.)

Ex-Cell-O Corporation. (See Locke, William B., assignor.)

Ex-Cell-O Corporation. (See Markstrum, John A., assignor.)

Ex-Cell-O Corporation. (See Selnes, Alf K., assignor.)

Ex-Cell-O Corporation. (See Snader, Ira J., assignor.)

Ex-Cell-O Corporation. (See Snader, I. J., and Seyferth, assignors.)

Ex-Cell-O Corporation. (See Stewart, Gilbert, assignor.)

Excelsior Hardware Company, The. (See Komenak, Albert J., assignor.)

Exeter Construction Corporation. (See Pace, Garland B., assignor.)

Exhibit Supply Co., The. (See Meyer, John F., assignor.)

Exhibit Supply Company, The. (See Solinski, Charles A., assignor.)

Exiner, A. R. (See Seymour, Herbert T., assignor.)

Exner, Donald W., and O. C. Walley, Lima, Ohio., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit controlling apparatus. 2,351,945; June 20.

Express Lift Company Limited. (See Hunt, Stanley T., assignor.)

Extruded Plastics, Inc. (See Slaughter, Charles E., assignor.)

Eyler, Lawrence J., Dayton, Ohio, and C. C. Pearson, Santa Monica, Calif. Bomb rack. 2,347,896; May 2.

Eyles, George F., Acton, England. Fluid pressure lifting means. 2,361,832; Oct. 31.

Eyth, Heinrich. (See Küppenbender, H., Eyth, and Jörg.)

Faas, Walter, South Orange, assignor to The Bates Manufacturing Company, West Orange, N. J. Index device. 2,341,983; Feb. 15.

Fabart Instrument Company. (See Fabrice, Edward H., assignor.)

Faber, Benjamin S., New York, N. Y. Making fabric. 2,355,789; Aug. 15.

Faber, Elwood C. (See Menger, F. B., and Faber.)

Faber, John P., Dunellen, assignor to Ransome Machinery Company, Plainfield, N. J. Welding positioner and manipulator. 2,348,062; May 2.

Fabian, Louis, assignor to S. Lovrenchich, Toledo, Ohio. Machine tool. 2,354,673; Aug. 1.

Fabrice, Edward H., assignor to Fabart Instrument Company, Chicago, Ill. Dispensing receptacle. 2,345,737; Apr. 4.

Fabricius, Nels E., and V. H. Nielsen, assignors to Iowa State College Research Foundation, Ames, Iowa. Making blue-veined cheese. 2,360,556; Oct. 17.

Fabritz, Carl, Konigsberg, Preussen, Germany; vested in the Alien Property Custodian. Making granular light building substance. 2,341,605; Feb. 15.

Facks, William, Egham Hythe, Egham, England. Automatic lathe. 2,363,053; Nov. 21.

Fafnir Bearing Company, The. (See Potter, Howell L., assignor.)

Fagan, John J. (See Escher, C., and Fagan.)

Fageol, William B., assignor to Twin Coach Company, Kent, Ohio. Vehicle spring suspension. 2,344,983; Mar. 28.

Fagerlund, Arthur, Brooklyn, N. Y. Windmill control. 2,352,089; June 20.

Fah, Peter. (See Denzler, Berthold, assignor.)

Fahey, Francis A., Seattle, Wash. Opposed spiral can handling machine. 2,353,393; July 11.

Fahnestock, Frank C., Wenonah, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Conversion of hydrocarbons. 2,362,621; Nov. 14.

Fahnestock, Frank C., Wenonah, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Production of catalytically cracked gasoline. 2,365,630; Dec. 19.

Fahrenwald, Arthur W., Moscow, Idaho, assignor to The Dorr Company, Inc., New York, N. Y. Classification. Re. 22,546; Sept. 19.

Faigle, René, Zurich, Switzerland. Keyboard for calculating machines. 2,355,637; Aug. 15.

Failing, George E., Supply Company, The. (See Alexander, E. L., and Braithwaite, assignors.)

Failing, George E., Supply Company, The. (See Caldwell, Walter T., assignor.)

Fairbairn, Walter M., and S. M. Burdick, assignors to Barnes Drill Co., Rockford, Ill. Honing apparatus. 2,343,500; Mar. 7.

Fairbank, Benjamin A. (See Gott, G. E., Habib, Casey, and Fairbank.)

Fairbanks, Clarence L., Buffalo, Mont. Punch press set. 2,365,461; Dec. 19.

Fairbanks, Henry N., assignor to Eastman Kodak Company, Rochester, N. Y. Focal plane shutter control. 2,338,628; Jan. 4.

Fairbanks, Henry N., assignor to Eastman Kodak Company, Rochester, N. Y. Lamp socket. 2,341,431; Feb. 8.

Fairbanks, Henry N., Rochester, N. Y., and Roger W. Wallace, Washington, D. C., assignors to Eastman Kodak Company, Rochester, N. Y. Projector control. 2,343,850; Mar. 7.

Fairbanks, Morse & Co. (See Anderson, Gordon R., assignor.)

Fairbanks, Morse & Co. (See Davids, Hans, assignor.)

Fairbanks, Morse & Co. (See Holt, Harold P., assignor.)

Fairbanks, Morse & Co. (See Justus, James E., assignor.)

Fairbanks, Morse & Co. (See Kuttner, Julius, assignor.)

Fairbanks, Morse & Co. (See Porter, Frederic P., assignor.)

Fairbanks, Morse & Co. (See Vogel, Edward A., assignor.)

Fairbanks, Philip R., Ogden, Utah. Exhaust stack control. 2,350,102; May 30.

Fairchild Aviation Corporation. (See Gaty, Clinton B., assignor.)

Fairchild Aviation Corporation. (See Gaty, C. B., and Rattray, assignors.)

Fairchild Camera and Instrument Corporation. (See Kuebert, E. J., and Della Corte, assignors.)

Fairchild Camera and Instrument Corporation. (See Roters, Herbert C., assignor.)

Fairchild Engine and Airplane Corporation. (See De Pew, Chester C., assignor.)

Fairfax, Charles L., Cleveland, Ohio. Ladder supporting means. 2,364,521; Dec. 5.

Fairfield Engineering Company, The. (See Reichenstein, Wilfred R., assignor.)

Fairley, Frank, and R. Walsh, London, England, assignors to International Standard Electric Corporation, New York, N. Y. Electric signaling system. 2,343,759; Mar. 7.

Fairlie, Andrew M., Atlanta, Ga. Water-cooled lead chamber. 2,345,661; Apr. 4.

Fairlie, Andrew M., Atlanta, Ga. Filling material for reaction spaces. 2,348,208; May 9.

Fairmont Box Company. (See Wade, Verner, assignor.)

Fairmont Railway Motors, Inc. (See Eustis, I. N., Boyce, and Olsen, assignors.)

Faith, Herman E., Stamford, and P. S. Winnek, Riverside, Conn., assignors to American Cyanamid Company, New York, N. Y. Preparation of sulphanilylaminoguanidines. 2,357,181; Aug. 29.

Faith, William L., Manhattan, Kans., assignor to Sharples Chemicals Inc., Philadelphia, Pa. Oxidation of halogenated hydrocarbons. 2,365,631; Dec. 19.

Faithfull, John, Newark, N. J. Door hinge. 2,349,711; May 23.

Fakler, Joseph. (See Insler, F., and Fakler.)

Falanga, Andrew, et al. (See Falanga, Frank A., assignor.)

Falanga, Connetta, et al. (See Falanga, Frank A., assignor.)

Falanga, Frank A., assignor of thirty-three per cent to C. Falanga and thirty-four per cent to A. Falanga, Brooklyn, N. Y. Life belt. 2,348,286; May 9.

Falasconi, Alberto, Fermignano, Italy; vested in the Alien Property Custodian. Hydraulic continuous press for concrete and the like. 2,349,150; May 16.

Falck, Frits W., Los Angeles, Calif. Enlarging camera. 2,360,215; Oct. 10.

Falcon, Joseph V., assignor to The Drybak Corporation, Binghamton, N. Y. Convertible coat. 2,349,035; May 16.

Falconer Plate Glass Corporation. (See Turner, Richard H., assignor.)

Fales, Haliburton, Nassau, Bahamas. Film-forming composition. 2,338,416; Jan. 4.

Falge, Robert N. (See Roedding, G. E., and Falge.)

Falge, Robert N., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Signal lamp. 2,364,431; Dec. 5.

Falge, Robert N., and H. C. Mead, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Motor vehicle lamp. 2,354,804; Aug. 1.

Falk, Albin. (See Miller, Elmer V., assignor.)

Falk Corporation, The. (See Bade, Alfred G., assignor.)

Falk Corporation, The. (See Day, Percy C., assignor.)

Falk Corporation, The. (See Falk, Louis W., assignor.)

Falk Corporation, The. (See Schmitter, Walter P., assignor.)

Falk, Louis W., assignor to The Falk Corporation, Milwaukee, Wis. Power transmission. 2,357,509; Sept. 5.

Falk, Otto. (See Jirsak, W., and Falk.)

Falkoff, Adin D., Brooklyn, assignor to Universal Camera Corporation, New York, N. Y. Cementing compositions for optical assemblies. 2,358,696; Sept. 19.

Fall, Albert P., Toledo, Ohio. Piston ring assembly. 2,349,903; May 30.

Faller, James, New York, N. Y. Folding chair. 2,352,090; June 20.

Fallesen, George E., U. S. Army, assignor to Eastman Kodak Company, Rochester, N. Y. Photographic emulsion. 2,343,650; Mar. 7.

Fallon, Wilmer S. (See Truesdell, Fred A., assignor.)

Falls, Eugene K., Potsdam, assignor to Manning, Maxwell & Moore, Incorporated, New York, N. Y. Maximum capacity safety valve. 2,345,389; Mar. 28.

Falotico, Vincent L. (See Dunn, N., and Falotico.)

Faltico, Frank J., assignor to The Malco Company Incorporated, Minneapolis, Minn. Variable baffle for translating devices. 2,342,334; Feb. 22.

Faltz, William D., Pittsburgh, Pa. Stapling device. 2,352,475; June 27.

Fancher, Henry B., Scotia, N. Y., assignor to General Electric Company. Carrier wave frequency converter. 2,359,551; Oct. 3.

Fandrei, William S. (See La Breche, N. F., and Fandrei.)

Fanés, Juan F., Mexico City, Mexico. Self-automatic mechanical jack. 2,353,021; July 4.

Fanger, Herman J. (See Shaffer, C. F., Fanger, and Gruenhagen.)

Fanger, Herman J., Piedmont, assignor of thirty per cent to M. C. Mogensen, Martinez, thirty per cent to H. W. Erskine, Piedmont, thirty per cent to C. F. Shaffer, San Francisco, and five per cent to H. Gruenhagen, Oakland, Calif. Firing angle indicator. 2,350,103; May 30.

Fanger, Herman J., Piedmont, assignor of thirty per cent to M. C. Mogenson, Martinez, thirty per cent to H. W. Erskine, Piedmont, thirty per cent to C. F. Shaffer, San Francisco, and five per cent to H. Gruenhagen, Oakland, Calif. Variable range projectile. 2,359,515; Oct. 3.

Fanger, Herman J., and H. Gruenhagen, Oakland, assignors of thirty per cent to M. C. Morgensen, Martines, thirty per cent to H. W. Erskine, Piedmont, thirty per cent to C. F. Shaffer, San Francisco, Calif., five per cent to said H. Gruenhagen and five per cent to H. J. Fanger. Shoulder mortar. 2,353,885; July 18.

Fankboner, Harland, assignor to A. J. Cline, Chicago, Ill. Web-tension equipment. 2,364,201; Dec. 5.

Fanner Manufacturing Company, The. (See Schane, Edward H., assignor.)

Fanning, Burton E., North Hollywood, Calif. Rotary pump or motor. 2,359,903; Oct. 10.

Fanselow, John R., Appleton, Wis., assignor to Paper Patents Company. Paper drier and method. 2,344,686; Mar. 21.

Fansteel Metallurgical Corporation. (See Clark, Richard U., assignor.)

Fant, Richard B. (See Grimes, David W., assignor.)

Färber, Eduard, assignor to Polyxor Chemical Co., Inc., New Haven, Conn. Production of resinlike substances. 2,343,215; Feb. 29.

Farber, Eduard, New Haven, Conn., V. Dayton and J. S. Wallerstein, assignors to The Overly Bio-Chemical Research Foundation, Inc., New York, N. Y. Treating fermented liquors for recovery of glycerol. 2,351,413; June 13.

Farber, Himon. (See Ja Kubiak, George, assignor.)

Farber, Simon W., Brooklyn, N. Y. Mounting ferrule and handle for utensils. 2,345,245; Mar. 28.

Farboil Paint Company. (See Swartz, M. D., and Yeliott, assignors.)

Faris, Burt F., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Fiber-forming interpolymers. 2,359,833; Oct. 10.

Faris, Harold P., Philadelphia, Pa., and J. E. White, Trenton, N. J., assignors to National Automotive Fibres, Inc., Detroit, Mich. Rug manufacture. 2,338,499; Jan. 4.

Faris, Haroid P., Philadelphia, Pa., and J. E. White, Trenton, N. J., assignors to National Automotive Fibres, Inc., Detroit, Mich. Carpet making apparatus. 2,347,816; May 2.

Farish, Edward A., Washington, D. C. Carving device. 2,339,690; Jan. 18.

Farkas Binding Trust. (See Farkas, Emil N., assignor.)

Farkas, Emil N., assignor to Farkas Binding Trust, Chicago, Ill. Apparatus for binding perforated leaves. 2,358,062; Sept. 12.

Farkas, George B., Jackson Heights, and A. Y. Gunter, Larchmont, assignors to American Locomotive Company, New York, N. Y. Fin-cutting machine. 2,364,432; Dec. 5.

Farley & Loetscher Manufacturing Company. (See Roberts, Richmond J., assignor.)

Far-Lin Inc. (See Farrell, Francis J., assignor.)

Farm Tools, Inc. (See Warne, Frederick C., assignor.)

Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake cylinder device. 2,344,858; Mar. 21.

Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Variable load brake. 2,363,580; Nov. 28.

Farmer, George G., Washington, D. C. Sling. 2,357,182; Aug. 29.

Farmer, Harold O., assignor to Alan Muntz & Company Limited, Hounslow, England. Fuel injection pump. 2,351,414; June 13.

Farmer, James W. (See Jones, J. L., and Farmer.)

Farmer, Paul M., Maplewood, N. J. Package feeding or dispensing apparatus. 2,353,394; July 11.

Farmer, Paul M., West Orange, D. W. Bloser, Teaneck, N. J., and W. J. Kleinknecht, Norwalk, Conn., assignors to American District Telegraph Company, Jersey City, N. J. Watchman's tour system. 2,347,942; May 2.

Farmer, Paul M., West Orange, and D. W. Bloser, Teaneck, assignors to American District Telegraph Company, Jersey City, N. J. Watchman's tour system. 2,347,943; May 2.

Farmer, Ulysses G., and F. H. Wheelock, Los Angeles, assignors to Fiberboard Products Inc., San Francisco, Calif. Manufacture of plaster latch. 2,342,462; Feb. 22.

Farmingdale Aircraftsmen Manufacturing Corporation. (See Sheskier, Vincent A., assignor.)

Farnham, Frank C., Rolla, Mo. Seismic surveying. 2,340,314; Feb. 1.

Farnham, Myrion A., et al. (See Churchward, Jack, assignor.

Farnham, Myrion A., et al. (See Gosch, Winkler C., assignor.)

Farnsworth, Philo T., Fryeburg, Maine, assignor to Farnsworth Television and Radio Corporation. Image reproducing device. 2,355,212; Aug. 8.

Farnsworth, Reuben L., Hazel Park, Mich. Four-wheel vehicle drive. 2,349,151; May 16.

Farnsworth Television and Radio Corporation. (See Cawein, Madison, assignor.)

Farnsworth Television and Radio Corporation. (See Farnsworth, Philo T., assignor.)

Farnsworth Television and Radio Corporation. (See Hallmark, Clyde E., assignor.)

Farnsworth Television and Radio Corporation. (See Kahl, F., and Booher, assignors.)

Farnsworth Television and Radio Corporation. (See Kahn, Fritz, assignor.)
Farnsworth Television and Radio Corporation. (See Leichner, William G., assignor.)
Farnsworth Television and Radio Corporation. (See Mayle, Louis F., assignor.)
Farnsworth Television and Radio Corporation. (See Pressley, Jackson H., assignor.)
Farnsworth Television and Radio Corporation. (See Salinger, Hans, assignor.)
Farnsworth Television and Radio Corporation. (See Weaver, Jerald D., assignor.)
Farquhar, Bruce S., Waynesboro, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Improving organic derivatives of cellulose. 2,346,210; Apr. 11.
Farquhar, Bruce S., and F. Schulze, Waynesboro, Va., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilization of cellulose esters. 2,365,258; Dec. 19.
Farquhar, Mary C. (See Morton, Charles R., assignor.)
Farr, Ama G., executrix. (See Farr, John B.)
Farr, Harold T., Cleveland, and R. A. Peterson, Cleveland Heights, Ohio. Aligning roll passes. 2,365,944; Dec. 26.
Farr, John B., deceased, by A. G. Farr, Detroit, Mich., executrix. Outboard motor. 2,357,942; Sept. 12.
Farr, Michael, Jr., assignor to The B. & T. Floor Company, Columbus, Ohio. Electrolytic process for coating aluminum and aluminum alloys. 2,349,083; May 16.
Farr, Warren H., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Piston ring and making same. 2,362,810; Nov. 14.
Farr, Willard H. (See Coxon, G. E., and Farr.)
Farrand, Burdette R., Toronto, Ontario, Canada. Packaging straws in cartons. 2,348,532; May 9.
Farrand, Hiram A., Berlin, N. H. Collapsible structure. 2,352,526; June 27.
Farrar, Alvin J. (See Schlobohm, L., and Farrar.)
Farrell, Eugene F. (See Schueder, G. M., and Farrell.)
Farrell, Francis J., assignor to Far-Lin Inc., Burlington, N. J. Apparatus for cutting channels in road surfaces. 2,349,949; May 30.
Farrell, Joseph E., Toms River, N. J., assignor to Gasmiser Corporation, Wilmington, Del. Fuel supply system for internal combustion engines. 2,342,132; Feb. 22.
Farrell, Joseph E., Toms River, N. J., assignor to National Engineering Foundation, Inc., Washington, D. C. Horizotal burner. 2,351,115; June 13.
Farrell, Joseph E., Toms River, N. J., assignor to National Engineering Foundation, Inc., Washington, D. C. Gaseous fuel burner. 2,356,838; Aug. 29.
Farrell, William J., Parlin, N. J., assignor to Hercules Powder Company, Wilmington, Del. Grid support. 2,351,415; June 13.
Farrell, William S., Los Angeles, Calif. Sound reproducing system and coin collecting actuator therefor. 2,352,188; June 27.
Farrington, Bruce B. (See Etzler, D. H., and Farrington.)
Farrington, Bruce B. (See Kavanagh, F. W., Farrington, and Clayton.)
Farrington, Bruce B. (See Neely, G. L., Farrington, and Borsoff.)
Farrington, Bruce B., J. O. Clayton, and D. H. Etzler, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Polycarboxylic acid salts in lube oil compounding. 2,349,817; May 30.
Farrington, Bruce B., and J. O. Clayton, Berkeley, and D. H. Etzler, Albany, assignors to Standard Oil Company of California, San Francisco, Calif. Compounded oil. 2,356,754; Aug. 29.
Farrington, Bruce B., and J. O. Clayton, Berkeley, and D. H. Etzler, Albany, assignors to Standard Oil Company of California, San Francisco, Calif. Compounded oil. 2,363,510; Nov. 28.
Farrington, Bruce B., and J. O. Clayton, Berkeley, and D. H. Etzler, Albany, assignors to Standard Oil Company of California, San Francisco, Calif. Compounded oil. 2,363,511; Nov. 28.
Farrington, Bruce B., and J. O. Clayton, Berkeley, and D. H. Etzler, Albany, assignors to Standard Oil Company of California, San Francisco, Calif. Compounded oil. 2,363,512; Nov. 28.
Farrington, Bruce B., and J. O. Clayton, Berkeley, and D. H. Etzler, Albany, assignors to Standard Oil Company of California, San Francisco, Calif. Lubricating composition and the like. 2,363,513; Nov. 28.
Farrington, Bruce B., and J. O. Clayton, Berkeley, and D. H. Etzler, Albany, assignors to Standard Oil Company of California, San Francisco, Calif. Lubricating oils and the like. 2,363,514; Nov. 28.
Farrington, Bruce B., and J. O. Clayton, Berkeley, and D. H. Etzler, Albany, assignors to Standard Oil Company of California, San Francisco, Calif. Hydrocarbon oils. 2,363,515; Nov. 28.
Farrington, Bruce B., and J. O. Clayton, Berkeley, and D. H. Etzler, Albany, assignors to Standard Oil Company of California, San Francisco, Calif. Compounded hydrocarbon oils. 2,363,516; Nov. 28.
Farrington, Bruce B., V. M. Kostainsek, and G. H. Denison, Jr., Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Compounded lubricant. 2,346,156; Apr. 11.
Farrington, Bruce B., V. M. Kostainsek, and G. H. Denison, Jr., Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Compounded oil. 2,346,157; Apr. 11.
Fash, Ralph H., trustee. (See Campbell, John G., assignor.)
Fash, Ralph H., Fort Worth, assignor, by mesne assignments, to Anderson, Clayton & Co., Houston, Tex. Method and apparatus for treating substances. 2,341,536; Feb. 15.
Fash, Ralph H., Fort Worth, assignor, by mesne assignments, to Anderson, Clayton & Co., Houston, Tex. Refining liquids. 2,342,042; Feb. 15.
Faso, William J., Bayside, N. Y. Chuck. 2,365,810; Dec. 26.
Fasold, George A. (See Greider, H. W., and Fasold.)
Fassin, Gustave, Grosse Pointe, Mich., assignor to Argus, Incorporated. Photographic camera. 2,358,321; Sept. 19.
Fassin, Gustave, Grosse Pointe, assignor to International Industries, Inc., Ann Arbor, Mich. Rotary slide carrier. 2,364,627; Dec. 12.
Fassin, Gustave, Grosse Pointe, Mich., assignor to Argus, Incorporated. Rapid winding mechanism for roll film cameras. 2,365,690; Dec. 26.
Fassinger, Charles, Sr., Volant, Pa. Heat exchanger. 2,343,049; Feb. 29.
Fassnacht, Hartwell H. (See Davis, C. O., and Fassnacht.)
Fast, Christiane G. (See Fast, Gustave, assignor.)
Fast, Fred L., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Apparatus for recovering spent absorbent material. 2,342,622; Feb. 22.
Fast, Gustave, assignor of one-half to C. G. Fast, Annapolis, Md. Shaft coupling. 2,338,758; Jan. 11.
Fast, John E., & Company. (See Kile, E. M., and Kain, assignors.)
Fastpic Corporation. (See Reiter, Otis F., assignor.)
Fatkin, Harry W., Westville, N. J., assignor to Warren-Knight Company, Philadelphia, Pa. Leveling rod and range pole. 2,346,479; Apr. 11.
Faucett, Cecil C., Philadelphia, Pa., assignor to the United States of America, as represented by the Secretary of War. Connection for elements of a rotatable unit. 2,345,910; Apr. 4.
Faulds, George, Philadelphia, Pa. Antiskid device. 2,341,317; Feb. 8.
Faulhaber Company, The. (See Faulhaber, Roland W., assignor.)
Faulhaber, Roland W., assignor to The Faulhaber Company, Monroeville, Ohio. Saddle construction. 2,347,093; Apr. 18.
Faulk, Donald P. (See Pearson, R. W., and Faulk.)
Faulk, Donald P., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electronic control system. 2,363,305; Nov. 21.
Faulkner, Harold C. (See Spaine, E. P., and Faulkner.)
Faulkner, Willard J., assignor to Advance Engineering Company, Chicago, Ill. Record changer spindle. 2,355,790; Aug. 15.
Faultless Manufacturing Company, The. (See Hargreaves, John F., assignor.)
Faunce, Benjamin R., Riverside, N. J. Heat extractor. 2,343,542; Mar. 7.
Fausset, Ernest R. (See Poole, L. E., and Fausset.)
Faust, Charles L., assignor to Battelle Memorial Institute, Columbus, Ohio. Electropolishing steel. 2,338,821; Jan. 4.
Faust, Charles L., assignor to Battelle Memorial Institute, Columbus, Ohio. Anodically polishing copper. 2,347,039; Apr. 18.
Faust, Charles L., assignor to Battelle Memorial Institute, Columbus, Ohio. Anodically polishing steel. 2,347,040; Apr. 18.
Faust, Jacob, Belleville, N. J., assignor to L. Sonneborn Sons, Inc. Corrosion inhibitors for lubricating oils. 2,349,785; May 23.
Faust, Jacob, Belleville, N. J., and H. Sonneborn, III, Baltimore, Md., assignors to L. Sonneborn Sons, Inc. Stabilized medicinal white oils. 2,363,722; Nov. 28.
Faust, Norman W. (See Nelson, R. F., Moore, and Faust.)
Fauver, Edward H., et al., administrators. (See Lavoie, Alphonse J.)
Fauver, Stanley T., Painesville, assignor to Industrial Rayon Corporation, Cleveland, Ohio. Churn cleaning apparatus. 2,363,949; Nov. 28.
Faville, Frederick A., Wilmette, Ill. Marine power plant and method. 2,350,508; June 6.
Favor, Arthur B., Llanerch, Pa. Home humidifying system. 2,352,527; June 27.
Favre, John A., assignor to General Electric Company, Drexel Hill, Pa. Circuit breaker. 2,362,257; Nov. 7.
Fawcett, Charles C., Sackville, New Brunswick, Canada. Automatic control for aircraft equipment. 2,342,184; Feb. 22.
Fawcett, Eric W. M. (See Howes, D. A., and Fawcett.)
Fawcett, Eric W. M., and E. S. Narracott, Sunbury-on-Thames, assignors to Anglo-Iranian Oil Company Limited, London, England. Production of isoparaffins. 2,361,755; Oct. 31.
Fawcett, Thomas H., Philadelphia, Pa., assignor to The Baldwin Locomotive Works. Firebox syphon. 2,355,590; Aug. 8.

Fawick, Thomas L., Akron, Ohio. Assembly for clutches, brakes, and the like. 2,340,315; Feb. 1.
Fawick, Thomas L., Akron, Ohio. Assembly for clutches and brakes. 2,349,494; May 23.
Fawkes, Charles E. (See Gayer, F. H., and Fawkes.)
Fawkes, Donald G., Chicago, Ill. Propulsion means for naval torpedoes. 2,351,750; June 20.
Fawkes, Donald G., assignor to Crane Co., Chicago, Ill. Toggle operated valve. 2,354,987; Aug. 1.
Faxén, Per T. (See Wilkenson, E. A., and Faxén.)
Faximile, Inc. (See Hogan, John V. L., assignor.)
Faximile, Inc. (See Hogan, J. V. L., Ressler, and Tribble, assignors.)
Faximile, Inc. (See Ressles, Hugh C., assignor.)
Faximile, Inc. (See Wagner, Edgar R., assignor.)
Fay, Charles H., Houston, Tex., assignor to Shell Development Company, San Francisco, Calif. Seismograph amplification gain control. 2,352,825; July 4.
Fay, Fred B. (See O'Malley, J. M., and Fay.)
Fay, Fred B. (See Young, R. W., and Fay.)
Fay, Horace B., Willoughly, Ohio, assignor to Automatic Safety Wringer Company. Wringer. 2,350,342; June 6.
Fay, Howard E., Tujunga, Calif. Safety hose clamp. 2,356,041; Aug. 15.
Fay, James P., Norwalk, Conn., assignor to General Electric Company. Amplification system. 2,358,630; Sept. 19.
Fay, Joseph H., Hempstead, N. Y. Protective mask. 2,351,752; June 20.
Fay, Mabel C., Floral Park, N. Y. Slicing device. 2,343,448; Mar. 7.
Fay, Norvin, San Francisco, Calif. Decoy. 2,341,028; Feb. 8.
Fay, Walter M., Ludlow, Mass. Gun barrel. 2,361,932; Nov. 7.
Fazekas, Oscar M., Ann Arbor, Mich., assignor to Universag Technische A. G., Glarus, Switzerland. Dispenser for liquids. 2,356,755; Aug. 29.
Feagley, Chester C., Drexel Hill, and G. D. Robinson, Yeadon, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical apparatus. 2,357,943; Sept. 12.
Fearn, Otto E. (See Wormeley, Philip L., assignor.)
Fearon, Perley E., Canaan, Vt. Milk bottle carrier. 2,363,950; Nov. 28.
Fearon, Robert E. (See Scherbatskoy, S. A., Swift, Fearon, and Neufeld.)
Fearon, Robert E. (See Silverman, D., and Fearon.)
Fearon, Robert E., assignor to Well Surveys, Incorporated, Tulsa, Okla. Well logging method and device. 2,349,712; May 23.
Fearon, Robert E., assignor to Well Surveys, Incorporated, Tulsa, Okla. Well surveying method and apparatus. 2,351,028; June 13.
Fearon, Robert E., assignor to Well Surveys, Incorporated, Tulsa, Okla. Well survey method and apparatus. 2,361,389; Oct. 31.
Fears, James A., Montgomery, Ala. Trailer hitch. 2,348,533; May 9.
Febrey, Harold H., South Orange, N. J., assignor to The American Steel and Wire Company of New Jersey. Stranded plug-type signal bond. 2,340,522; Feb. 1.
Febrey, Harold H., South Orange, N. J., assignor to The American Steel and Wire Company of New Jersey. Electrical shunt for pipe couplings. 2,347,897; May 2.
Fechner, Albert H., Houston, Tex. Wheel puller. 2,359,099; Sept. 26.
Fechner, Fritz W. (See Wussow, R., and Fechner.)
Fedde, Arnold M., Brooklyn, N. Y. Gyroscope system. 2,350,303; May 30.
Fedden, Alfred H. R., Bristol, England, and F. M. Thomas, North Adams, Mass., assignors to The Bristol Aeroplane Company Limited, Bristol, England. Internal-combustion engine installation. 2,356,452; Aug. 22.
Federal Carton Corporation. (See Dorfman, Irving, assignor.)
Federal Carton Corporation. (See Rous, Ben, assignor.)
Federal Electric Company. (See Kopp, Carl J., assignor.)
Federal Electric Co., Inc. (See Gillette, Harold R., assignor.)
Federal Electric Products Company. (See Ballou, Richard P., assignor.)
Federal Electric Products Company. (See Brooks, Wilbur R., assignor.)
Federal Electric Products Company. (See Christensen, Paul M., assignor.)
Federal Electric Products Company. (See Daly, Daniel F., assignor.)
Federal Flooring Corporation, The. (See Donelson, W. W., and Downey, assignors.)
Federal Machine and Welder Company, The. (See Clark, Malcolm S., assignor.)
Federal-Mogul Corporation. (See Meyer, Theodore F. W., assignor.)
Federal Telephone and Radio Corporation. (See Bokovoy, Samuel A., assignor.)
Federal Telephone and Radio Corporation. (See Boyson, Carl V., assignor.)
Federal Telephone and Radio Corporation. (See Byrne, Paul F., assignor.)
Federal Telephone and Radio Corporation. (See Chevigny, Paul G., assignor.)
Federal Telephone and Radio Corporation. (See De Rosa, Louis A., assignor.)
Federal Telephone and Radio Corporation. (See Dodington, Sven H. M., assignor.)
Federal Telephone and Radio Corporation. (See Goodale, Lynn C., assignor.)
Federal Telephone and Radio Corporation. (See Haigh, Leslie B., assignor.)
Federal Telephone and Radio Corporation. (See Kandoian, Armig G., assignor.)
Federal Telephone & Radio Corporation. (See Kotterman, Chester A., assignor.)
Federal Telephone and Radio Corporation. (See Litton, Charles V., assignor.)
Federal Telephone and Radio Corporation. (See Mahren, Arthur, assignor.)
Federal Telephone and Radio Corporation. (See Mattheyses, Marcel J., assignor.)
Federal Telephone & Radio Corporation. (See Miller, A. J., and Sauerborn, assignors.)
Federal Telephone and Radio Corporation. (See Romander, Hugo, assignor.)
Federal Telephone and Radio Corporation. (See Rote, Melvin A., assignor.)
Federal Telephone and Radio Corporation. (See Royden, George T., assignor.)
Federal Telephone & Radio Corporation. (See Saslaw, Otto, assignor.)
Federal Telephone and Radio Corporation. (See Sherwood, Harry R., assignor.)
Federal Telephone and Radio Corporation. (See Van Sant, Victor H., assignor.)
Federal Telephone and Radio Corporation. (See Skinker, Murray F., assignor.)
Federal Telephone and Radio Corporation. (See Watts, Chester B., Jr., assignor.)
Federal Telephone and Radio Corporation. (See Weldon, James O., assignor.)
Federico, Salvatore, West Haven, Conn. Broken wire detector. 2,349,855; May 30.
Fedorchak, William J., Granite City, Ill., assignor to Owens-Illinois Glass Company. Gauging and seam-detecting apparatus. 2,355,719; Aug. 15.
Fedorchak, William J., Granite City, A. S. Jackson, Wood River, F. A. McCormick, C. A. Heyne, and H. E. Nelson, Alton, Ill., assignors to Owens-Illinois Glass Company. Fire polishing machine. 2,338,841; Jan. 11.
Fedorchak, William J., Granite City, and A. S. Jackson, Wood River, Ill., assignors to Owens-Illinois Glass Company. Indexing mechanism. 2,341,705; Feb. 15.
Fedorchak, William J., Granite City, and A. S. Jackson, Wood River, Ill., assignors to Owens-Illinois Glass Company. Apparatus for gauging glassware. 2,352,091; June 20.
Feduska, Stephen L., Canton, Ohio, assignor to United Engineering and Foundry Company, Pittsburgh, Pa. Heat treatment of cast-iron rolls. 2,337,171; Jan. 4.
Feeney, Jack T., Chicago, Ill. Explosion engine. 2,339,848; Jan. 25.
Fees, John N., Spokane, Wash. Grain loader. 2,364,282; Dec. 5.
Fehrer, Harold. (See Taylor, H. S., Fehrer, and Turkevich.)
Feichter, Harold R., assignor to United States Quarry Tile Company, Canton, Ohio. Spark plug manufacture. 2,351,029; June 13.
Feige, Harry, assignor to Baker Perkins Inc., Saginaw, Mich. Automatic discharge mechanism for swinging tray ovens. 2,342,393; Feb. 22.
Feige, Harry, assignor to Baker Perkins, Inc., Saginaw, Mich. Oven heating system. 2,348,118; May 2.
Feigelson, Julius Z., Beaumont, Tex. Vehicle construction. 2,364,842; Dec. 12.
Feight, Oscar J., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Crusher. 2,339,628; Jan. 18.
Felkert, Adrian H., Wadsworth, assignor to American Anode Inc., Akron, Ohio. Apparatus for treating sheer stockings with liquid material. 2,340,214; Jan. 25.
Feild, Theophilus A., Jr., Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Treatment of synthetic textile fibers. 2,339,323; Jan. 18.
Feild, Theophilus A., Jr. (See Rugeley, E. W., and Feild.)
Feild, Theophilus A., Jr. (See Rugeley, E. W., Feild, and Conlon.)
Fein & Glass, Inc. (See Grossman, William, assignor.)
Feinson, Mac B. (See Dobkin, William J., assignor.)
Feinstone, Wolffe H., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Impregnating gauze. 2,349,152; May 16.
Feiti, William J., Chicago, Ill. Carbon paper and its holder. 2,363,661; Nov. 28.
Fekel, Paul C. (See Poston, H. R., and Felkel.)
Felch, Estel D., Madison, Wis. Nose protector. 2,364,354; Dec. 5.
Felder, David, and E. W. Fiss, New York, N. Y.; said Fiss assignor to said Felder. Closure structure. 2,338,629; Jan. 4.
Feldhausen, Cyril P., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Printing press drive. 2,354,950; Aug. 1.
Feldheim, Einar F., Minneapolis, Minn. Headlight signal. 2,350,599; June 6.

Feldman, Abraham G., assignor to Storkline Furniture Corporation, Chicago, Ill. Tray equipped chair. 2,342,043; Feb. 15.

Feldman, Abrom L., Atlanta, Ga. Moisture-absorbing device. 2,340,856; May 30.

Feldman, Max, assignor of one-third to D. M. Miro, Detroit, Mich. Pin driver and gauge. 2,350,675; June 6.

Felomuhle A.-G. vormals Loeb, Schoenfeld & Co. (See Grauer, Theodor, assignor.)

Felins Tying Machine Company. (See Radeck, Frank, assignor.)

Felix, Friedrich, and A. Heckendorn, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Azo dyestuffs. 2,361,618; Oct. 31.

Felix, Friedrich, Basel, and R. von Capeller, Riehen, assignors to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Azo dyestuffs. 2,354,187; July 25.

Fell, Raymond E. (See Miller, J. W., and Fell.)

Fellowes, Harry L., assignor to Bankers Box Company, Chicago, Ill. File box closure. 2,339,691; Jan. 18.

Fellowes, Harry L., assignor to Bankers Box Company, Chicago, Ill. File box closure. 2,360,117; Oct. 10.

Fellows Gear Shaper Company, The. (See Burnham, Clarence W., assignor.)

Fellows Gear Shaper Company, The. (See Miller, Edward W., assignor.)

Fellows Gear Shaper Company, The. (See Ross, Walter A., assignor.)

Fellows Gear Shaper Company, The. (See Stubbe, Everard, assignor.)

Fellows Gear Shaper Company, The. (See Ward, B. L., and Weatherup, assignors.)

Fellows Gear Shaper Company, The. (See Williamson, James L., assignor.)

Fellows, Grace E., et al., administrators. (See Hillman, Edward H.)

Felsch, Julius, Altura, Minn. Water conditioning apparatus. 2,338,500; Jan. 4.

Felsher, Benjamin, Brooklyn, N. Y. Baby walker convertible into high chair. 2,360 483; Oct. 17.

Felt & Tarrant Manufacturing Company. (See Niemann, Frederick A., assignor.)

Felton, George E. (See Schopmeyer, H. H., and Felton.)

Fender, Garrett W. (See Burgess, J. H., and Fender.)

Fenanema, Richard, E. P. De Craene, and C. A. Dopp, Chicago, and F. R. Venton, Elmhurst, assignors to Crane Co., Chicago, Ill. Combined hand and hydraulic valve operator. 2,348,460; May 9.

Fenner, James M., South Euclid, Ohio, assignor to The American Steel and Wire Company of New Jersey. Wire drawing die. 2,349,652; May 23.

Fennis, Albert M. (See Powers, E. D., and Fennis.)

Fenske, Merrell R. (See Andrews, C. E., and Fenske.)

Fenske, Merrell R., State College, Pa., assignor to The Pennsylvania Research Corporation. Process and apparatus for fractional distillation. 2,344,984; Mar. 28.

Fentress, David W., Hubbard Woods, assignor to Chicago Metal Hose Corporation, Maywood, Ill. Welding method and apparatus. 2,347,185; Apr. 25.

Fentress, David W., Evanston, assignor to Chicago Metal Hose Corporation, Maywood, Ill. Tubing construction. 2,358,291; Sept. 12.

Fentress, David W., Evanston, Ill., assignor to Chicago Metal Hose Corporation, Maywood, Del. Bellows or tubing structure. 2,365,181; Dec. 19.

Fentress, David W., Barrington, Ill., and S. J. Houghes, Belvedere Gardens, Calif., assignors to Chicago Metal Hose Corporation, Maywood, Ill. Coupling structure. 2,351,416; June 13.

Fenwick, John O. (See Lehman, E. J., Wiegand, and Fenwick.)

Fenwick, John O. (See Steinmayer, A. G., and Fenwick.)

Fenwick, Thomas. (See Johnson, B., and Fenwick.)

Fera, Antonio, assignor of one-half to J. G. Musgrave, Vancouver, British Columbia, Canada. Striping device. 2,341,912; Feb. 15.

Ferber, Hyman, Brooklyn, N. Y., assignor to Wilmor Novelty Co., Inc., Hackensack, N. J. Combination non-elastic adjustable hat band and bow trim hat. 2,356,042; Aug. 15.

Ferderber, Murray B. (See Houghten, F. C., and Ferderber.)

Fereday, Frederick T., Louisville, Ky., assignor to The Union Switch and Signal Company, Swissvale, Pa. Control apparatus for highway crossing signals. 2,356,453; Aug. 22.

Fergason, Rector C. (See Hyman, B. M., and Fergason.)

Fergueson, Arthur P., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Fender shield. 2,353,553; July 11.

Fergueson, Arthur P., and G. W. Schatzman, assignors to Houdaille-Hershey Corporation, Detroit, Mich. Fender shield construction and assembly. 2,352,374; June 27.

Ferguson, Allan W., East Aurora, assignor to Oxides, Inc., Buffalo, N. Y. Reduction of metals to a powder. Re. 22,494; June 13.

Ferguson, Berlin S., assignor to Byers Machine Company, Ravenna, Ohio. Boom hoist. 2,357,462; Sept. 5.

Ferguson, Edwin M., A. W. Barton, and L. F. McCrady, assignors to Horton Manufacturing Company, Minneapolis, Minn. Variable-speed clutch. 2,361,898; Oct. 31.

Ferguson, George K. S., Wilkinsburg, Pa., assignor to The Baltimore Paper Box Company, Baltimore, Md. Carton. 2,351,417; June 13.

Ferguson, Henry G., Belfast, Northern Ireland. Hitch means for connecting trailers to tractive vehicles. 2,347,898; May 8.

Ferguson, Henry G., Belfast, Northern Ireland. Tractor for agricultural implements. 2,356,231; Aug. 22.

Ferguson, James M., Denver Colo. Lock-joint roofing. 2,359,633; Oct. 3.

Ferguson, John E., Southbury, assignor to Bridgeport Brass Company, Bridgeport, Conn. Marking machine. 2,344,930; Mar. 21.

Ferguson, John E., and C. W. McCreery, Muncie, Ind., assignors to Owens-Illinois Glass Company. Nozzle. 2,362,433; Nov. 7.

Ferguson, Kenneth C., assignor to Inland Container Corporation, Indianapolis, Ind. Case method of handling eggs. 2,365,182; Dec. 19.

Ferguson, Lawrence, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Apparatus for and method of applying metallic coatings by thermal evaporation. 2,363,781; Nov. 28.

Ferguson, Robert P., Cranford, N. J., assignor to Standard Oil Development Company. Producing plasticizing agents from acid sludge. 2,360,320; Oct. 17.

Ferguson, Warren T. (See Upton, J., and Ferguson.)

Ferguson, William, Philadelphia, Pa., assignor to National Airoil Burner Company, Incorporated. Flame retention nozzle. 2,365,945; Dec. 26.

Ferguson, William B., Brenham, Tex. Method and apparatus for fluorography. 2,356,454; Aug. 22.

Ferguson, William C., St. Louis, and C. H. Smith, Clayton, assignors to Presstite Engineering Company, St. Louis, Mo. Package for puttylike materials. 2,340,116; Jan. 25.

Ferguson, William H., Flint, Mich. Shrinking dolly block. 2,340,950; Feb. 8.

Ferla, John, Camden, N. J. Compression apparatus for producing pipe. 2,361,933; Nov. 7.

Ferla, John, Camden, assignor of one-fourth to P. X. Blaettler, Oaklyn, N. J. Machine for producing pipes. 2,364,061; Dec. 5.

Ferm, John F., Midland, Pa., assignor to Crucible Steel Company of America, New York, N. Y. Apparatus for electropainting metal strip. 2,342,850; Feb. 29.

Ferm, John F., Midland, Pa., assignor, by mesne assignments, to Crucible Steel Company of America. Apparatus for feeding and coiling continuous strip material. 2,357,389; Sept. 5.

Fermier, George F., assignor to Reed Roller Bit Company, Houston, Tex. Cone bit construction. 2,339,161; Jan. 11.

Fern Kingston. (See Ringnel, Oscar, assignor.)

Fernald, Everett H., Smithfield, R. I. Gauge. 2,352,313; June 27.

Fernández, Fernando, Mexico City, Mexico. Intaglio printing apparatus. 2,351,030; June 13.

Fernandes, Frank D., New York, N. Y. Tongs and the like. 2,346,537; Apr. 11.

Fernandes, Philip C., Boston, Mass. Game. 2,347,094; Apr. 18.

Fernberger, Harry M., Cleveland Heights, Ohio, assignor to General Electric Company. Luminescent material. 2,361,467; Oct. 31.

Ferner, George W., assignor to Wingfoot Corporation, Akron, Ohio. Elasticized rubber hydrochloride film. 2,349,036; May 16.

Fernholz, Erhard, Princeton, N. J., assignor to E. R. Squibb & Sons, New York, N. Y. 2-methyl-1,4-naphthohydroquinone derivatives, and preparing them. 2,352,189; June 27.

Fernholz, Erhard, deceased; by M. B. Fernholz, Princeton, N. J., administratrix, assignor to E. R. Squibb & Sons, New York, N. Y. Cyclic ketals of 3-keto-17-oxycythrenes, and preparing 3-keto-17-oxy-cythrenes. 2,356,154; Aug. 22.

Fernholz, Mary B., administratrix. (See Fernholz, Erhard, assignor.)

Fernier, Bernard M. H. P., Lyon, France; vested in the Alien Property Custodian. Electric circuit breaker with compressed fluid blowout. 2,343,917; Mar. 14.

Fernlund, Karl H., J. O. Hessler, and A. E. Hultberg, Chicago, Ill., assignors, by mesne assignments, to United States Government, as represented by the Secretary of War, and his successors in office. Die structure for metallic cartridge belt links. 2,355,964; Aug. 15.

Ferrante, John, Johnstown, N. Y., assignor to Kenlea Mfg. Corporation. Producing flocked sheet material. 2,349,153; May 16.

Ferrara, John, Rochester, N. Y. Channel cutter attachment for stitching machines. 2,343,501; Mar. 7.

Ferrares, Oskar. (See Ulrich, Ploetz, and Ferrares.)

Ferrari, Charles G., Minneapolis, and W. S. Hutchinson, St. Paul, Minn., assignors to General Mills, Inc. Bleaching process. 2,342,075; Feb. 15.

Ferrari, Charles G., Minneapolis, and W. S. Hutchinson, St. Paul, Minn., assignors to General Mills, Inc. Multiple flour bleaching process. 2,351,809; June 20.

Ferrari, Charles G., Minneapolis, Minn., assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Breadmaking. 2,365,534; Dec. 19.

Ferre, Albert W. (See Blanchard, C. E., and Ferre.)

Ferre, Albert W. (See Keep, C. R., and Ferre.)

Ferre, Albert W., Wellesley, and C. E. Blanchard, Randolph, assignors to B. F. Sturtevant Company, Hyde Park, Boston, Mass. Vulcaniser. 2,343,893; Mar. 14.

Ferré, Ferdinando, Milan, Italy; vested in the Alien Property Custodian. Centrifugal fans. 2,350,739; June 6.

Ferrel, Clyde B., San Francisco, Calif. Day and night sight for firearms. 2,345,601; Apr. 4.

Ferrel, Clyde B., San Francisco, Calif. Clinical irrigating device. 2,353,153; July 11.

Ferrel Stoker Company. (See Ferrell, George A., assignor.)

Ferrell, Enoch B., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Pulse-counting circuit. 2,345,925; Apr. 4.

Ferrell, George A., assignor to Ferrel Stoker Company, Reading, Pa. Stoker. 2,339,776; Jan. 25.

Ferrer, Antonio R., San Francisco, Calif. Torpedo. 2,338,322; Jan. 4.

Ferrer, James P., South Charleston, and S. D. Douglas, Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation. Plastic composition. 2,349,414; May 23.

Ferretti, Antonio, Milan, Italy; vested in the Alien Property Custodian. Manufacture of artificial textile fibres. 2,338,916; Jan. 11.

Ferretti, Antonio, Milan, Italy; vested in the Alien Property Custodian. Embodiment in the process for manufacturing artificial textile fibers from animal casein. 2,338,916; Jan. 11.

Ferretti, Antonio, Milan, Italy; vested in the Alien Property Custodian. Manufacturing artificial textile fibers from casein. 2,338,917; Jan. 11.

Ferretti, Antonio, Milan, Italy; vested in the Alien Property Custodian. Processes for the manufacture of artificial textile fibers. 2,338,918; Jan. 11.

Ferretti, Antonio, Milan, Italy; vested in the Alien Property Custodian. Process for the manufacture of artificial textile fibers. 2,338,919; Jan. 11.

Ferretti, Antonio, Milan, Italy; vested in the Alien Property Custodian. Process for the manufacture of artificial textile fibers. 2,338,920; Jan. 11.

Ferrier, Otis G., Fort Wayne, Ind. Lapping machine for wire-drawing dies. 2,350,023; May 30.

Ferrier, Otis G., Fort Wayne, Ind. Encasement for wire drawing dies. 2,363,406; Nov. 21.

Ferrill, Thomas M., Jr., Mineola, N. Y., assignor to National Company, Inc., Malden, Mass. Inductance coil. 2,351,604; June 20.

Ferrill, Thomas M., Jr., Hempstead, N. Y., assignor to Sperry Gyroscope Company, Inc. Stereo indicator. 2,361,390; Oct. 31.

Ferriroli, Peter, San Francisco, Calif. Telescopic sight mount for rifles. 2,345,249; Mar. 28.

Ferris, Auttie T., Flora, Ill., assignor to Halliburton Oil Well Cementing Company, Duncan, Okla. Open hole removable packer. 2,352,700; July 4.

Ferris, Donald K., assignor to General Motors Corporation, Dayton, Ohio. Domestic appliance. 2,338,236; Jan. 4.

Ferris, Donald K., assignor to General Motors Corporation, Dayton, Ohio. Domestic appliance. 2,343,543; Mar. 7.

Ferris, Donald K., assignor to General Motors Corporation, Dayton, Ohio. Domestic appliance. 2,343,544; Mar. 7.

Ferris, Donald K., assignor to General Motors Corporation, Dayton, Ohio. Domestic appliance. 2,363,517; Nov. 28.

Ferris, Donald K., assignor to General Motors Corporation, Dayton, Ohio. Domestic appliance. 2,363,518; Nov. 28.

Ferris, Donald K., assignor to General Motors Corporation, Dayton, Ohio. Domestic appliance. 2,363,519; Nov. 28.

Ferris, Leo F., Buffalo, R. Sklaar, Rochester, and W. E. Burau, Buffalo, N. Y.; said W. E. Burau assignor to said L. F. Ferris and R. Sklaar. Advertising apparatus. 2,344,541; Mar. 21.

Ferris, Lockwood W., Salt Lake City, Utah, assignor to Bonneville Limited, New York, N. Y. Treating sodium chloride tails. 2,340,523; Feb. 1.

Ferris, Walton C., assignor to Carton Coolers, Inc., Lincoln, Nebr. Coin-controlled door for delivery coolers for packaged goods. 2,360,410; Oct. 17.

Ferro, Casimiro, West New Brighton, Staten Island, N. Y. Helicopter. 2,348,249; May 9.

Ferro Engineering Company, The. (See Anthony, Benjamin F., assignor.)

Ferro Nitrogen Corporation. (See Franchot, Richard, assignor.)

Ferrocart Corporation of America. (See Fill, John V., assignor.)

Ferrocart Corporation of America. (See Vogt, Hans, assignor.)

Ferry, John T., Ilion, assignor to Remington Rand Inc., Buffalo, N. Y. Sorter. 2,352,258; June 27.

Ferst, M. A., Ltd. (See Ferst, M. A., and Wysong, assignors.)

Ferst, M. A., Ltd. (See Vaughan, William H., assignor.)

Ferst, Monie A., and C. F. Wysong, assignors to M. A. Ferst, Ltd., Atlanta, Ga. Color marking element. 2,355,638; Aug. 15.

Ferst, Monie A., and C. F. Wysong, assignors to M. A. Ferst, Ltd., Atlanta, Ga. Pencil lead. 2,355,639; Aug. 15.

Ferwerda, Koop. (See Ferwerda, R. and K.)

Ferwerda, Ray, Garrettsville, and K. Ferwerda, Maple Heights, Ohio. Material moving device. 2,348,796; May 16.

Fess, Jacob, Chicago, Ill. Condiment holder. 2,354,004; July 18.

Fesselet, Albert, Bronx, N. Y. Oilvaging machine. 2,349,258; May 23.

Fest, Herman P., Los Angeles, Calif. Elastic attachment for vise jaws. 2,340,316; Feb. 1.

Fetterman, Oscar B., Washington, D. C. Black-out shield for vehicle headlights. 2,350,676; June 6.

Fetterman, Oscar B., Washington, D. C. Black-out shield for vehicle headlights. 2,361,016; Oct. 24.

Fettig, Arthur J., assignor to Burroughs Adding Machine Company, Detroit, Mich. Calculating machine. 2,340,372; Feb. 1.

Fettig, Arthur J., assignor to Burroughs Adding Machine Company, Detroit, Mich. Accounting machine and the like. 2,348,168; May 2.

Fettig, Arthur J., assignor to Burroughs Adding Machine Company, Detroit, Mich. Calculating machine. 2,358,154; Sept. 12.

Fetzer, Walter R., Clayton, Mo., assignor to Union Starch & Refining Company, Columbus, Ind. By-product feed. 2,349,818; May 30.

Fey, Harry J. (See Hoffman, J. D., and Fey.)

Fey, Lincoln H., Northfield, Minn. Anchor rope mechanism. 2,354,805; Aug. 1.

Flint Metal Manufacturing Company. (See Nilson, Stanley E., assignor.)

Fiberboard Products Inc. (See Farmer, U. G., and Wheelock, assignors.)

Fibrean Corporation. (See Tave, Samuel, assignor.)

Fibre Can Machinery Corporation. (See Hatch, Alexander G., assignor.)

Fibre Forming Corporation, The. (See Blum, Jerome J., assignor.)

Fibreboard Products Inc. (See Goodyear, Charles H., assignor.)

Fibro-Mold Specialties, Inc. (See Skolnik, Max, assignor.)

Fichman, Abraham, Neponsit, N. Y. Cigar band. 2,350,222; May 30.

Fichter, Ludwig, and E. Kaegi, Kokomo, Ind., assignors to General Motors Corporation, Detroit, Mich. Tuning mechanism. 2,342,851; Feb. 29.

Fichter, Ludwig J. (See Schwarz, B. A., and Fichter.)

Fichter, Ludwig J., Dayton, Ohio, and B. A. Schwarz, Kokomo, Ind., assignors to General Motors Corporation, Detroit, Mich. Tuning mechanism. 2,362,690; Nov. 14.

Fidelity Machine Company. (See Larkin, Walter, assignor.)

Fiedler, Edmond F., Adams, and G. D. Holmberg, Pittsfield, Mass., assignors to General Electric Company. Production of resins from furane derivatives. 2,345,966; Apr. 4.

Fiedler, Harry W., Scarsdale, N. Y. Louvered register. 2,349,544; May 23.

Fiedler, Oscar, Detroit, Mich. Securing metal parts by thermo-tension. 2,358,409; Sept. 19.

Fiegel, William J., assignor to Bohn Aluminum & Brass Corporation, Detroit, Mich. Machine for broaching bearings. 2,340,653; Feb. 1.

Fiekers, Edmund J., assignor to Baldwin Rubber Company, Pontiac, Mich. Forming composite articles. 2,348,287; May 9.

Field, Edward A., Jr., Mendota, Ill. Draft regulator. 2,346,740; Apr. 18.

Field, Edward A., Jr., Mendota, Ill. Automatic thermally responsive draft control. 2,358,390; Sept. 19.

Field, Joseph C., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Switching mechanism. 2,341,029; Feb. 8.

Field, Oscar S. (See Phinney, R. M., and Field.)

Field, Oscar S. (See Wight, S. N., and Field.)

Field, Oscar S., assignor to General Railway Signal Company, Rochester, N. Y. Oscillating code transmitter. 2,351,588; June 20.

Field, Oscar S., assignor to General Railway Signal Company Rochester, N. Y. Relay. 2,360,664; Oct. 17.

Field, Oscar S., assignor to General Railway Signal Company, Rochester, N. Y. Switch machine for railway spring switches. 2,361,468; Oct. 31.

Field, Theodore E. (See Fulcher, G. S., and Field.)

Field, Walter P., Brockton, Mass. Shoe. 2,345,738; Apr. 4.

Field, William H. (See Enholm, Lewis W., assignor.)

Field, William H., Company. (See Enholm, Lewis W., assignor.)

Field, Wilson J. (See McLellan, W. G. and R. I., Field, and Poesch.)

Fielder, Fritz, Munich, Germany; vested in the Alien Property Custodian. Rear axle for motor vehicles. 2,338,921; Jan. 11.

Fielder, Harold S. (See Stewart, G. E., Trier, and Fielder.)

Fielding, George T., Stamford, Conn. Cleansing and polishing medium for dentrifices or the like. 2,343,651; Mar. 7.

Fielding, John H., assignor to Wingfoot Corporation, Akron, Ohio. Tire construction. 2,342,576; Feb. 22.

Fields, Charles I., Detroit, Mich. Ascertaining actual positioning of automobile wheels. 2,357,463; Sept. 5.
Fields, Charles V. (See Ludwig, L. R., and Fields.)
Fields, David E., Tulsa, Okla. Follower ring for heat exchanger dome plates. 2,343,502; Mar. 7.
Fields, Frank D., and G. D. Wood, assignors to Posture Research Corporation, Elkhart, Ind. Back rest for chairs. 2,345,926; Apr. 4.
Fields, Frank D., and G. D. Wood, assignors to Posture Research Corporation, Elkhart, Ind. Chair. 2,363,054; Nov. 21.
Fields, George C., Euclid, assignor to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Washing machine. 2,342,185; Feb. 22.
Fields, George C., Euclid, assignor to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Wringer for washing machines. 2,359,834; Oct. 10.
Fields, James L., North Hollywood, Calif., assignor to Radio Corporation of America. Monitoring system for sound recording. 2,341,706; Feb. 15.
Fields, Joy N., Mason City, Wash. Adjustable cutter bar. 2,341,913; Feb. 15.
Fields, Mack R., Chicago, Ill. Ampoule. 2,338,102; Jan. 4.
Fields, Reuben T. (See Crane, P. W., and Fields.)
Fields, Reuben T., Arlington, N. J., assignor to E. I. du pont de Nemours & Company, Wilmington, Del. Apparatus for heat extraction. 2,360,665; Oct. 17.
Fieldsend, Eric C., London, England, and W. H. D. Boyes, Saltcoats, Scotland, assignors to Imperial Chemical Industries, Limited. Film, filament, fiber or other shaped article made by hardening proteins coagulated from their solutions. 2,347,677; May 2.
Fiend, Marcus E., Caldwell, N. J., assignor to General Electric Company. Heat transfer system. 2,348,000; May 2.
Fierbaugh, Clyde, Springfield, Ohio. Plant pulling tool. 2,343,176; Feb. 29.
Fierd, George W., Snyder, N. Y. Ointments and the like. 2,361,756; Oct. 31.
Fiese and Firstenberger. (See Fiese, Jesse T., assignor.)
Fiese, Jesse T., assignor to Fiese and Firstenberger. Fresno, Calif. Brush deflector. 2,359,472; Oct. 3.
Fieser, Louis F., Belmont, Mass., assignor to Research Corporation, New York, N. Y. Anti-hemorrhagic compounds. 2,352,528; June 27.
Fieser, Louis F. Belmont, Mass., assignor to Research Corporation, New York, N. Y. Isolation of antihemorrhagic principles and products obtained thereby. 2,357,944; Sept. 12.
Fike, Harry S., Miami Beach, Fla. Bicycle reflecting element. 2,344,542; Mar. 21.
Fikentscher, Hans, Ludwigshafen-on-the-Rhine, Germany, assignor, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Emulsion-polymerization. 2,363,951; Nov. 28.
Fikentscher, Hans, Ludwigshafen-on-the-Rhine, Germany; vested in the Alien Property Custodian. Heat-stabilized high-polymer halogen-containing products. 2,355,400; Dec. 19.
Filander, Arthur H. (See Woodard, W. E., and Filander.)
Filbert, Bryson M., Wooster, Tex., assignor to Standard Oil Development Company. Chemical process. 2,321,465; Oct. 31.
Filbert, William F., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Purification of pentaerythritol. 2,358,697; Sept. 19.
Fill, John V., Dobbs Ferry, assignor to Ferrocart Corporation of America, Hastings on Hudson, N. Y. Radio receiver. 2,347,315; Apr. 25.
Filley, Everett R. (See Cole, H. S., Jr., and Filley.)
Fillius, Milton F., assignor to Eastman Kodak Company, Rochester, N. Y. Subbing photographic paper supports. 2,350,216; Oct. 10.
Fillmore, Baxter M. W., Jericho Beach, Vancouver, British Columbia, Canada. Fluid transmission. 2,363,952; Nov. 28.
Fillo, Francis B. (See Epstein, M., and Fillo.)
Filmer, James C. (See Atlee, Z. J., and Filmer.)
Film-O-Seal Company. (See Owens, Noel, assignor.)
Films, Incorporated. (See De Napoli, Anthony C., Jr., assignor.)
Filsinger, Rudolf, Fairfield, Conn. Artificial cake. 2,347,041; Apr. 18.
Filter Tips Limited. (See Edwards, William F. M., assignor.)
Filtration Engineers Incorporated. (See Devine, A. J., and Smith, assignors.)
Finaldi, James V. (See Gamache, Homer, assignor.)
Finch, Arthur, Bolling Field, Washington, D. C. Germicidal animal collar. 2,349,713; May 23.
Finch, Clark, West Palm Beach, Fla. Horseshoe type motor. 2,344,401; Mar. 14.
Finch, Edgar L., Glendale, Calif., assignor to B. F. B. Engineers, Incorporated. Pneumatic tool lubricator. 2,352,826; July 4.
Finch, Edgar L., Glendale, Calif., assignor to B. F. B. Engineers, Incorporated. Lubricating apparatus. 2,364,894; Dec. 12.
Finch, Harry de V. (See Evans, T. W., and Finch.)
Finch, Harry de V., Berkeley, and K. E. Marple, Oakland, Calif., assignors to Shell Development Company, San Francisco, Calif. Treatment of vinyl type halides. 2,354,512; July 25.
Finch, Harry de V., Berkeley, and T. W. Evans, Oakland, assignors to Shell Development Company, San Francisco, Calif. Production of unsaturated carboxylic acids. 2,358,775; Sept. 26.
Finch, James L., East Rockaway, N. Y., assignor to Radio Corporation of America. Tone signal keyer. 2,342,335; Feb. 22.
Finch, James L., East Rockaway, N. Y., assignor to Radio Corporation of America. Electric condenser. 2,344,239; Mar. 14.
Finch, James L., East Rockaway, N. Y., assignor to Radio Corporation of America. Low capacity filament transformer system. 2,354,585; July 25.
Finch, James L., East Rockaway, N. Y., assignor to Radio Corporation of America. Wave length modulation system. 2,356,390; Aug. 22.
Finch, James L., Patchogue, N. Y., assignor to Radio Corporation of America. Compressed fluid condenser. 2,344,238; Mar. 14.
Finch, Oscar J., New York, N. Y., and J. H. White, Cranford, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Permanent magnet material. 2,347,817; May 2.
Finch, Oscar J., New York, N. Y., and J. H. White, Cranford, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Permanent magnet material. 2,349,857; May 30.
Finch Telecommunications, Inc. (See Finch, William G. H., assignor.)
Finch Telecommunications, Inc. (See Finch, W. G. H., and Wakefield, assignors.)
Finch, William G. H., Newton, Conn., assignor to Finch Telecommunications, Inc., Passaic, N. J. Facsimile recorder. 2,340,317; Feb. 1.
Finch, William G. H., Newton, Conn., assignor to Finch Telecommunications, Inc., Passaic, N. J. Multistylus facsimile recorder. 2,355,369; Aug. 8.
Finch, William G. H., Newtown, Conn., and J. M. Wakefield, Waldwick, assignors to Finch Telecommunications, Inc., Passaic, N. J. Coaxial cable loop antenna. 2,349,154; May 16.
Findlater, Stevenson, Pittsburgh, Pa., assignor to National Tube Company. Positioning means for tube mill mandrels. 2,361,619; Oct. 31.
Findlater, Stevenson, Pittsburgh, Pa., assignor to National Tube Company. Rotating mandrels. 2,363,723; Nov. 28.
Findlay, John H., Upper Montclair, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Re-entrant window for X-ray apparatus. 2,344,543; Mar. 21.
Findley, Glenn E., assignor to Tex-O-Kan Flour Mills Company, Dallas, Tex. Treating wheaten flour. 2,343,652; Mar. 7.
Findley, Howard J., Shaker Heights, assignor to Eaton Manufacturing Company, Cleveland, Ohio. Adjustable bearing mounting. 2,349,084; May 16.
Findley, Howard J., Shaker Heights, assignor to Eaton Manufacturing Company, Cleveland, Ohio. Automobile body heater. 2,355,151; Aug. 8.
Findley, Howard J., Shaker Heights, assignor to Eaton Manufacturing Company, Cleveland, Ohio. Heating apparatus. 2,362,258; Nov. 7.
Findley, Howard J., Shaker Heights, assignor to Eaton Manufacturing Company, Cleveland, Ohio. Heating apparatus and starting means therefor. 2,362,259; Nov. 7.
Findley, Howard J., Shaker Heights, assignor to Eaton Manufacturing Company, Cleveland, Ohio. Heater. 2,363,168; Nov. 21.
Findley, Howard J., Shaker Heights, assignor to Eaton Manufacturing Company, Cleveland, Ohio. Threaded connection and insert. 2,363,662; Nov. 28.
Findley, Howard J., Shaker Heights, assignor to Eaton Manufacturing Company, Cleveland, Ohio. Thread insert. 2,363,663; Nov. 28.
Findley, Ralph, Detroit, Mich., and H. L. Fults, Dayton, Ohio. Precision measuring instrument. 2,353,886; July 18.
Fine Art Apron Co. (See Levy, Abraham, assignor.)
Fingado, Gustav A., Little Falls, and H. Ludwig, Hohokus, N. J., assignors to Julius Schmid, Inc., New York, N. Y. Method and machine for treating thin rubber articles. Re. 22,561; Nov. 21.
Fingerlin, Eugene, et al. (See Crowe, M. B., and Hatter, assignors.)
Finizio, Victor L., Hoboken, N. J., assignor to General Electric Company. Mercury switch. 2,343,653; Mar. 7
Fink, Charles A., Chicago, Ill. Fluid pressure operated device. 2,361,757; Oct. 31.
Fink, Charles F., assignor to The Thimble & Fink Manufacturing Company, Baltimore, Md. Tube bender. 2,346,371; Apr. 11.
Fink, Charles F., assignor to Trimble & Fink Mfg. Co., Inc., Baltimore, Md. Drill bushing. 2,355,286; Aug. 8.
Fink, Gail J., La Grange, and H. H. Richardson, Western Springs, assignors to National Aluminate Corporation, Chicago, Ill. Treating water for industrial consumption. 2,358,222; Sept. 12.
Fink, Heinrich, and R. Hofstadt, Bottwell-on-the-Neckar, Germany; vested in the Alien Property Custodian. Manufacture of solutions of cellulose in sulphuric acid. 2,345,333; Mar. 28.

Fink, Henry A., Pelham Manor, assignor to Continental Can Company, Inc., New York, N. Y. Sorting machine. 2,339,065; Jan. 11.
Fink, Herbert H., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Resilient mounting. 2,338,323; Jan. 4.
Fink, Jean. (See Gibbs, T. B., and Fink.)
Fink, Jean, and T. B. Gibbs, Delavan, Wis., assignors to George W. Borg Corporation, Chicago, Ill. Electric clock. 2,356,983; Aug. 29.
Fink, Louis F., assignor to International Meters, Inc., New York, N. Y. Plural parking space meter. 2,359,754; Oct. 10.
Fink, Rudolph, U. S. Army, Patterson Field, Ohio. Automatic pilot. 2,343,288; Mar. 7.
Fink, Rudolph, Dayton, Ohio. Gun turret. 2,348,209; May 9.
Fink, Rudolph, U. S. Army, Fairfield, Ohio. Trailer hitch stabilizer. 2,360,335; Oct. 17.
Finkelstein, Louis, Brooklyn, N. Y. Dispensing device for pastes, creams, etc. 2,349,714; May 23.
Finken, Walter S. (See Frieder, L. P., and Finken.)
Finkle, Donald H., Los Angeles, Calif. Clamp. 2,350,550; June 6.
Finlayson, Donald. (See Jackson, T., Finlayson, and Frearson.)
Finlayson, Donald, Spondon, near Derby, England, assignor to Celanese Corporation of America. Sewing thread. 2,364,135; Dec. 5.
Finlayson, Donald, E. L. Greenwood, and W. J. Simpson, Spondon, near Derby, assignors to British Celanese Limited, London, England. Electrical conductor. 2,364,702; Dec. 12.
Finlayson, Frank E., Ontario, Calif., assignor to General Electric Company. Safety switching arrangement for electrically heated appliances. 2,343,654; Mar. 7.
Finlayson, Frank E., Ontario, Calif., assignor to General Electric Company. Safety switching arrangement for electrically heated devices. 2,364,433; Dec. 5.
Finlayson, Frank E., Ontario, Calif., assignor to General Electric Company. Safety switching arrangement for electrically heated appliances. 2,366,014; Dec. 26.
Finley, Karl L., D. D. Smith, and W. M. Spreng, assignors to The F. E. Myers & Bro. Co., Ashland, Ohio. Flat disk valve. 2,349,155; May 16.
Finley, Willard L., Edgewood Arsenal, Md., assignor to Sinclair Refining Company, New York, N. Y. Chemical manufacture. 2,339,692; Jan. 18.
Finley, Willard L., Edgewood Arsenal, Md., assignor to Sinclair Refining Company, New York, N. Y. Lubricating oil composition. 2,347,547; Apr. 25.
Finley, Willard L., Edgewood Arsenal, Md., assignor to Sinclair Refining Company, New York, N. Y. Lubricating oil composition. 2,356,043; Aug. 15.
Finley, Willard L., Chicago, Ill., assignor to Sinclair Refining Company, New York, N. Y. Lubricating oil composition. 2,347,546; Apr. 25.
Finley, Willard L., Edgewood Arsenal, Md., and J. H. Kirk, Hammond, Ind., assignors to Sinclair Refining Company, New York, N. Y. Lubrication. 2,348,461; May 9.
Finn, John R. (See Stamy, D. R., Fisher, and Finn.)
Finn, Sidney J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine for pressing soles upon shoe bottoms. 2,356,756; Aug. 29.
Finnegan, George B., Jr., trustee. (See De Lisle, Francis A., assignor.)
Finney, John H. V., and A. C. Deman, assignors to Mining Process and Patent Company, Denver, Colo. Classifier. 2,355,351; Aug. 15.
Finney, John H. V., and G. Ellen, assignors to Mining Process and Patent Company, Denver, Colo. Controlling vibratory screens. 2,358,449; Sept. 19.
Finnigan, Charles W. (See Mountjoy, G., and Finnigan.)
Finston, Victor, assignor to The Meaker Company, Chicago, Ill. Electroprocessing machine. 2,341,606; Feb. 15.
Finzi Contini, Renato, Milan, Italy; vested in the Alien Property Custodian. Cross strip insulating structure for concentric cables. 2,351,927; June 20.
Fiore, Otto, Grantwood, N. J., assignor to William W. Fitzhugh, Inc., Brooklyn, N. Y. Folding device. 2,354,251; July 25.
Firearms Research Corporation. (See Hyde, George J., assignor.)
Firechek Corporation. (See Bishop, Frank C., assignor.)
Firehammer, Welton E., Oshkosh, Wis. Furnace control. 2,357,642; Sept. 5.
Fireman, Peter, Lambertville, N. J., assignor, by mesne assignments, to Columbian Carbon Company, New York, N. Y. Transparent iron oxide pigments. 2,357,096; Aug. 29.
Firestone, Floyd A., Ann Arbor, Mich. Singing and speaking machine. 2,355,287; Aug. 8.
Firestone, Harley H., South Bend, Ind. Measuring device. 2,356,923; Aug. 29.
Firestone Tire & Rubber Company, The. (See Alderfer, Sterling W., assignor.)
Firestone Tire & Rubber Company, The. (See Allen, Raymond W., assignor.)
Firestone Tire & Rubber Company, The. (See Bishop, Earl L., assignor.)
Firestone Tire & Rubber Company, The. (See Bosomworth, George P., assignor.)
Firestone Tire & Rubber Company, The. (See Bosomworth, G. P., and Hager, assignors.)
Firestone Tire & Rubber Company, The. (See Bosomworth, G. P., and Heck, assignors.)
Firestone Tire & Rubber Company, The. (See Briant, Raymond C., assignor.)
Firestone Tire & Rubber Company, The. (See Brink, Winfield S., assignor.)
Firestone Tire & Rubber Company, The. (See Brown, Roy W., assignor.)
Firestone Tire & Rubber Company. (See Carr, Edward L., assignor.)
Firestone Tire & Rubber Company, The. (See Carter, Mitchell, assignor.)
Firestone Tire & Rubber Company, The. (See Charnes, James E., assignor.)
Firestone Tire & Rubber Company, The. (See Craig, Henry W., assignor.)
Firestone Tire & Rubber Company, The. (See Davis, Ralph C., assignor.)
Firestone Tire & Rubber Company, The. (See Diehl, John A., assignor.)
Firestone Tire & Rubber Company, The. (See Dillon, John H., assignor.)
Firestone Tire & Rubber Company, The. (See Glass, George W., assignor.)
Firestone Tire & Rubber Company, The. (See Greenup, H. W., and Byall, assignors.)
Firestone Tire & Rubber Company, The. (See Greenup, H. W., and Wohler, assignors.)
Firestone Tire & Rubber Company, The. (See Grubbs, William J., assignor.)
Firestone Tire & Rubber Company, The. (See Hale, James E., assignor.)
Firestone Tire & Rubber Company, The. (See Hanson, Elmo E., assignor.)
Firestone Tire & Rubber Company, The. (See Kubaugh, Le Roy M., assignor.)
Firestone Tire & Rubber Company, The. (See Kuhn, Max O., assignor.)
Firestone Tire & Rubber Company, The. (See Lyon, Walter E., assignors.)
Firestone Tire & Rubber Company, The. (See Novotny, C. K., and Cox, Jr., assignor.)
Firestone Tire & Rubber Company, The. (See Roberts, Eugene A., assignor.)
Firestone Tire & Rubber Company, The. (See Runals, William T., assignor.)
Firestone Tire & Rubber Company, The. (See Saurer, Curt, assignor.)
Firestone Tire & Rubber Company, The. (See Stanley, Leslie O., assignor.)
Firestone Tire & Rubber Company, The. (See Stedman, Theodore W., assignor.)
Firestone Tire & Rubber Company, The. (See Stevens, Horace D., assignor.)
Firestone Tire & Rubber Company, The. (See Wilson, Robert F., assignor.)
Firestone Tire & Rubber Company, The. (See Wilson, R. F., and Klingman, assignors.)
Firguson Door and Awning Co. (See Jackson, Lynn E., assignor.)
Firks, Theodore H., Chicago, Ill. Framing pictures, mirrors, and the like. 2,338,172; Jan. 4.
First National Bank of Tampa, The, executor. (See Pierce, James B., Jr.)
Firth, David, South Bend, assignor to Dodge Manufacturing Corporation, Mishawaka, Ind. Cooled shaft bearing. 2,344,240; Mar. 14.
Firth, David, South Bend, and D. P. Lower, assignors to Dodge Manufacturing Corporation, Mishawaka, Ind. Sheave. 2,341,272; Feb. 8.
Firth, David, South Bend, and D. P. Lower, assignors to Dodge Manufacturing Corporation, Mishawaka, Ind. Sheave. 2,352,474; June 27.
Fisch, Chaim S., New York, N. Y. Lifesaving and sporting float device. 2,343,965; Mar. 14.
Fisch, Willi. (See Widmer, G., and Fisch.)
Fischel, Eduard, Berlin-Charlottenburg, and G. Rieper, Berlin-Lichterfeld, Germany; vested in the Alien Property Custodian. Automatic control for aircraft and the like. 2,340,524; Feb. 1.
Fischer, Adolf. (See Menzer, Anton, assignor.)
Fischer, Albert C., Chicago, Ill. Gelatinized seed bearing cord. 2,338,103; Jan. 4.
Fischer, Albert C., Chicago, Ill. Apparatus for joining spaced elements. 2,351,255; June 13.
Fischer, Albert C., Chicago, Ill. Fertilizer distribution. 2,351,256; June 13.
Fischer, Albert C., Chicago, Ill. Construction material. 2,352,314; June 27.
Fischer, Albert C., Chicago, Ill. Method of and machine for treating and laying strip material from packages. 2,354,586; July 25.
Fischer, Albert C., Chicago, Ill. Self-packing pipe joint mold. 2,359,755; Oct. 10.
Fischer, Albert F. (See Fischer, William F., and A. F.)
Fischer, Anthony J. (See Reybold, D. C., and Fischer.)
Fischer, Anthony J. (See Roberts, E. J., Weber, and Fischer.)
Fischer, Anthony J., Manhasset, N. Y., and W. C. Weber, Westport, Conn., assignors to The Dorr Company, New York, N. Y. Liquid clarification apparatus. 2,355,640; Aug. 15.

Fischer, Charles A., and D. T. Harbison, Fort Worth, and C. A. Mercer, Hawley, Tex. Pump plunger. 2,344,687; Mar. 21.

Fischer, Earl K. (See Marberg, C. M., and Fischer.)

Fischer, Edwin L., Glendale, Calif., assignor to General Aniline & Film Corporation, New York, N. Y. Tripod improvement. 2,343,050; Feb. 29.

Fischer, Erich, Bad Soden in Taunus, W. Kirst, Konigstein in Taunus, and W. Gmelin, Bad Soden in Taunus, Germany, assignors to General Aniline & Film Corporation, New York, N. Y. Producing fast dyeings and the dyed fiber obtained thereby. 2,352,701; July 4.

Fischer, Eugene H. (See Rawlins, H. L., and Fischer.)

Fischer, Eugene H., Derry, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Forming tapped holes in porcelain. 2,365,535; Dec. 19.

Fischer, Fred W. (See Harmon, R. N., and Fischer.)

Fischer, Frederick K., Lansdowne, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. High-pressure sealing head. 2,342,186; Feb. 22.

Fischer, Friedrich E., Zurich-Erlenbach, Switzerland. Electric motor. 2,342,133; Feb. 22.

Fischer, Friedriech C., De Witt, Nebr. Wrench. 2,366,015; Dec. 26.

Fischer, Hans, Yonkers, assignor to Lanova Corporation, Long Island City, N. Y. Injection engine. 2,360,943; Oct. 24.

Fischer, Hans, Yonkers, assignor to Lanova Corporation, Long Island City, N. Y. Injection engine. 2,362,622; Nov. 14.

Fischer, Harry, Jr., Pittsburgh, Pa., assignor to Modine Manufacturing Company, Racine, Wis. Diffusion grille. 2,339,629; Jan. 18.

Fischer, Heinrich, and A. Freytag, Ludwigshafen-on-the-Rhine, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Manufacture of benzoic acid vinyl ester. 2,339,066; Jan. 11.

Fischer, Heinrich, and A. Freytag, Ludwigshafen-on-the-Rhine, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Manufacture of vinyl esters of monocarboxylic acids. 2,342,463; Feb. 22.

Fischer, Herbert G. M., Westfield, N. J., assignor to Standard Oil Development Company. Refining mineral oils. 2,338,579; Jan. 4.

Fischer, Howard R., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Holddown and chip collecting attachment for drills. 2,339,324; Jan. 18.

Fischer, Howard R., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Guide for ejector rods. 2,342,928; Feb. 29.

Fischer, Howard R., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Offset drilling attachment. 2,349,156; May 16.

Fischer, Howard R., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Dimpling tool. 2,353,450; July 11.

Fischer, Howard R., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Dimpling machine with ejector for broken pins. 2,353,451; July 11.

Fischer, Howard R., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Riveting tool. 2,365,538; Dec. 19.

Fischer, Howard R., and J. A. Roberts, Detroit, Mich., assignors to Chicago Pneumatic Tool Company, New York, N. Y. Compression riveter. 2,355,520; Aug. 8.

Fischer, Howard R., and E. W. Stevens, Detroit, Mich., assignors to Chicago Pneumatic Tool Company, New York, N. Y. Hydraulic power plant. 2,365,536; Dec. 19.

Fischer, Howard R., and E. W. Stevens, Detroit, Mich., assignors to Chicago Pneumatic Tool Company, New York, N. Y. Hydraulic riveter. 2,365,537; Dec. 19.

Fischer, Joseph, New York, N. Y. Automotive fixture or accessory. 2,357,815; Sept. 12.

Fischer, Karl, Berlin-Tempelhof, Germany; vested in the Alien Property Custodian. Separation of mineral oils, tars, and fractions thereof. 2,342,798; Feb. 29.

Fischer, Kermit, Bridge Valley, assignor to Fischer & Porter Company, Hatboro, Pa. Indicating the specific gravity of flowing fluids. 2,348,733; May 16.

Fischer, Kermit, Bridge Valley, assignor to Fischer & Porter Company, Hotboro, Pa. Flowmeter. 2,350,343; June 6.

Fischer, Kermit K., Philadelphia, assignor to Fischer & Porter Company, Hatboro, Pa. Indicating the viscosity of flowing fluids. 2,348,732; May 16.

Fischer, Louis A., assignor to The F. & M. Schaefer Brewing Company, Brooklyn, N. Y. Crown cap selecting machine. 2,348,797; May 16.

Fischer Machine Company. (See Fischer, William F. and A. F., assignors.)

Fischer, Oswald, Nuremberg, Germany; vested in the Alien Property Custodian. Electrically driven toy vehicle. 2,350,740; June 6.

Fischer & Porter Company. (See Fischer, Kermit K., assignor.)

Fischer, Richard F., and E. B. Baldridge, Dayton, Ohio. Camera. 2,342,510; Feb. 22.

Fischer, Werner. (See Miescher, K., Fischer, and Heer.)

Fischer, William F. and A. F., assignors to Fischer Machine Company, Philadelphia, Pa. Milling machine. 2,339,630; Jan. 18.

Fischer, William H., Des Plaines, assignor to National Stamping & Electric Works, Chicago, Ill. Bread toaster. 2,363,169; Nov. 21.

Fischer, William H., Des Plaines, assignor to Process Engineering Corporation, Chicago, Ill. Coating apparatus. 2,365,259; Dec. 19.

Fish, Charles L., trustee, et al. (See Cardini, G., and (Davis assignor).)

Fish, Edwin L., and D. E. Maben, San Francisco, Calif. Electric switch apparatus. 2,350,551; June 6.

Fish, George R., assignor to Edwards and Company, Inc., Norwalk, Conn. Electric signaling apparatus. 2,360,666; Oct. 17.

Fish, Harry K. (See Truesdale, F. J., and Fish.)

Fish, Stanley W., Springfield, Mass. Combination cleaning tool. 2,363,520; Nov. 28.

Fishbeck, Philip F., near Denver, Colo. Pelt stretcher. 2,362,062; Nov. 7.

Fishbein, Fred, and J. Harr, Newark, N. J. Adjustable attachment lug means for frames and other structures. 2,361,186; Oct. 24.

Fishburn, Otto E., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Synchroniser. 2,345,250; Mar. 28.

Fishel, William J., Winston-Salem, N. C. Rack. 2,341,432; Feb. 8.

Fisher, Alec, Lynn, Mass., assignor to General Electric Company. Regulating circuit. 2,363,856; Nov. 28.

Fisher Brush Machinery Corporation. (See West, William T., assignor.)

Fisher, Charles B., Montoursville, Pa. Ice creeper. 2,352,827; July 4.

Fisher, Charles E. (See Stamy, D. R., and Fisher.)

Fisher, Charles E. (See Stamy, D. R., Fisher, and Finn.)

Fisher, Charles H. (See Rehberg, C. E., and Fisher.)

Fisher, Edwin J. (See Fletcher, E., and Fisher.)

Fisher, Elbert E., assignor to M. W. Fisher, St. Louis, Mo. Producing alumina. 2,347,736; May 2.

Fisher, Ernest F., Passaic, N. J. Air and gas washer. 2,354,674; Aug. 1.

Fisher, Ernest F., Passaic, N. J. Dust collection and reduction apparatus. 2,354,675; Aug. 1.

Fisher, Ernest F., Boston, Mass. Gas cleaner. 2,354,676; Aug. 1.

Fisher, Ernest F., Boston, Mass. Air and gas cleaner. 2,354,677; Aug. 1.

Fisher, Ernest F., Boston, Mass. Gas cleaner and washer. 2,354,678; Aug. 1.

Fisher, Frank F., Detroit, Mich. Tube expanding tool. 2,355,852; Aug. 15.

Fisher, Frederick C., Bellmore, N. Y., assignor to Electronoid Corporation. Electromagnetic motive means. 2,365,632; Dec. 19.

Fisher, George A., Jr. (See Jebens, G. A., Snell, Heath, Fisher, Scott, and Mouw.)

Fisher, Gordon H., Dewey, Okla., assignor to Phillips Petroleum Company. Coring apparatus. 2,345,739; Apr. 4.

Fisher Governor Company. (See Brockett, Glenn F., assignor.)

Fisher, J. J., Co. (See Larsen, Holger R., assignor.)

Fisher, James B., assignor to Waukesha Motor Company, Waukesha, Wis. Towing truck. 2,343,804; Mar. 14.

Fisher, Jay, et al. (See Bruen, George C., assignor.)

Fisher, John A., Steinhatchee, Fla. Suction muffler for airplanes, automobiles, and the like. 2,343,371; Mar. 7.

Fisher, John G., Monrovia, Calif. Valve shutoff device. 2,354,366; July 25.

Fisher, Lawrence E. (See Frank, W. H., and Fisher.)

Fisher, Lawrence E. (See Frank, W. H., Fisher, and Frank.)

Fisher, Lawrence E., assignor to Bulldog Electric Products Company, Detroit, Mich. Switch. 2,343,255; Mar. 7.

Fisher, Lyman C. (See Lay, W. E., and Fisher.)

Fisher, Marlew W. (See Fisher, Elbert E., assignor.)

Fisher, Webster E. (See Bright, Albert G.)

Fisher, Webster E. (See Bright, A. G., and Fisher.)

Fisher, Webster E., assignor to Eastman Kodak Company, Rochester, N. Y. Separation of solvents. 2,341,433; Feb. 8.

Fishko, Abraham, Brooklyn, N. Y. Sanitary and safety pipe-floor connection. 2,343,896; Mar. 14.

Fisk, John E., South Euclid, Ohio. Tappet. 2,365,401; Dec. 19.

Fiske, Jonathan P. B., Newton, Mass. Making flame coloring sticks. 2,363,306; Nov. 21.

Fiss, Emil W. (See Felder, D., and Fiss.)

Fitch, Clyde J., Endwell, and K. R. Schneider, Endicott, assignors to International Business Machines Corporation, New York, N. Y. Telegraph printer. 2,340,803; Feb. 1.

Fitch, Clyde J., Endwell, and K. R. Schneider, Endicott, assignors to International Business Machines Corporation, New York, N. Y. Telegraph printer. 2,340,804; Feb. 1.

Fitch, Elliott B. (See Black, L. G., Fitch, and Suhr.)

Fitch, Harold L., and T. L. O'Toole, assignors to Eastman Kodak Company, Rochester, N. Y. Transparency mount. 2,362,434; Nov. 7.

Fitch, Howard M. (See Downing, F. B., and Fitch.)

Fite, Tina B., et al. (See Swofford, Peter J., assignor.)

Fites, Cyril B. (See Freeman, W. R., and Fites.)

Fitler, Edwin H., Co., The. (See Crossman, Kenneth W., assignor.)

Fitz, William G., assignor to Economy Oil Trucking Corporation, New York, N. Y. Multicolor printing. 2,349,819; May 30.

Fitzburgh, William J. (See Howse, C. L., and Fitzburgh.)

Fitzer, Mitchel, New York, N. Y. Interchangeable setting for finger rings. 2,354,513; July 25.

Fitzgerald, Charles F., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Hide-stretching clamp. 2,339,470; Jan. 18.

Fitz Gerald, Harold R. (See Almond, J. R., and Fitz Gerald.)

Fitzgerald, James J., Pittsburgh, Pa. Game. 2,351,810; June 20.

Fitzgerald, John J., Cheyenne, Wyo. Pelt or case form. 2,343,968; Mar. 14.

Fitz Gerald, John W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Engine starter. 2,343,966; Mar. 14.

Fitz Gerald, John W., deceased, by M. C. Fitz Gerald, assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Engine starter. 2,343,967; Mar. 14.

Fitz Gerald, John W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Engine starter. 2,348,063; May 2.

Fitz Gerald, John W., deceased, by M. C. Fitz Gerald, executrix, assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Engine starter. 2,350,276; May 30.

Fitz Gerald, John W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Engine starter. 2,350,304; May 30.

Fitz Gerald, John W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Engine starter. 2,352,828; July 4.

Fitz Gerald, John W., deceased, by M. C. Fitz Gerald, executrix, assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Engine starter. 2,356,984; Aug. 29.

Fitz Gerald, John W., deceased, by M. C. Fitz Gerald, executrix, assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Engine starter. 2,356,985; Aug. 29.

Fitzgerald, Louis A., Republic, Wash. Ball mill liner. 2,362,811; Nov. 14.

Fitz Gerald, Mary C., executrix. (See Fitz Gerald, John W.)

Fitzhugh, William W., Inc. (See Fiore, Otto, assignor.)

Fitzpatrick, Jeremiah, assignor to Arnold Bros. & Company, Weymouth, Mass. Adjustable shoe tree. 2,338,104; Jan. 4.

Fitzpatrick, Jeremiah, assignor to Arnold Bros. & Company, Weymouth, Mass. Adjustable shoe tree. 2,338,105; Jan. 4.

Fitzpatrick, Jeremiah J., Oklahoma City, Okla. Packing device. 2,356,232; Aug. 22.

Fitzpatrick, W. J., Company, The. (See Magnus, Elmer G., assignor.)

Fitzsimmons, David P., Trafford, assignor to The Union Switch & Signal Company, Swissvale, Pa. Traffic speed measuring and controlling apparatus. 2,361,466; Oct. 31.

Fitzsimons, John E., Westfield, assignor to Pyrene Manufacturing Company, Newark, N. J. Fire extinguisher. 2,347,548; Apr. 25.

Fiumedoro, Ali J., assignor of one-third to J. D. Ramsey, Boston, Mass. Necktie device. 2,360,104; May 30.

Fix, Frank, Detroit, Mich. Valve for internal-combustion engines. 2,354,988; Aug. 1.

Fixture Products Co. (See Detjen, Robert L., assignor.)

Flader, Fredric E., Kenmore, and D. R. Berlin, Eggertsville, N. Y., assignors to Curtiss-Wright Corporation. Cowling. 2,343,655; Mar. 7.

Flakall Corporation. (See Schwebke, C. J., and Hoadley, assignors.)

Flakice Corporation of New York. (See Raver, Francis M., assignor.)

Flämig, Fritz, Chemnitz, Germany; vested in the Alien Property Custodian. Device for drawing goods from flat knitting machine. 2,350,885; June 6.

Flanagan, James J., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Portable conveyer. 2,355,213; Aug. 8.

Flanders, Ralph E., assignor to Jones & Lamson Machine Company, Springfield, Vt. Tailstock. 2,356,839; Aug. 29.

Flanigan, John J., Oak Park, Ill., assignor to L. C. Smith & Corona Typewriters, Inc., Syracuse, N. Y. Duplicating machine. 2,357,816; Sept. 12.

Flath, Otto S., Chicago, Ill. Conductor and track wire connection holding means. 2,348,968; May 16.

Flath, Otto S., Chicago, Ill. Cribbing. 2,358,698; Sept. 19.

Flatz, Ira F. (See Burmeister, F. H., and Flatz.)

Flaws, John, Jr., East Cleveland, Ohio, assignor to General Electric Company. Mount structure for electric lamps and similar devices. 2,361,469; Oct. 31.

Flaws, John, Jr., East Cleveland, Ohio, assignor to General Electric Company. Coating apparatus. 2,363,055; Nov. 21.

Flaxman, Marcellus T. (See Jones, P. H., and Flaxman.)

Flaxman, Marcellus T., Inglewood, assignor to Union Oil Company of California, Los Angeles, Calif. Flushing oils. 2,355,591; Aug. 8.

Fleck, Elmer E., Silver Spring, Md., dedicated to the free use of the People in the Territory of the United States. Refining pine oleoresin. 2,359,980; Oct. 10.

Fleckenstein, George A., Stratford, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Driving belt. 2,357,718; Sept. 5.

Fleischer, Gerhard A., and E. Schwenk, Montclair, assignors to Schering Corporation, Bloomfield, N. J. Separation of the hormone and hormonelike components of the pituitary gland. 2,362,993; Nov. 21.

Fleischer Mills, Inc., The. (See Fleischer, Nathan I., assignor.)

Fleischer, Nathan I. (See Francis, L. E., and Fleischer.)

Fleischer, Nathan L., assignor to The Fleischer Mills, Inc., Cincinnati, Ohio. Button and buttonhole tape. 2,364,062; Dec. 5.

Fleischhauer, Richard, and A. Müller, Frankfort-on-the-Main-Fechenheim, Germany, assignors to General Aniline & Film Corporation, New York, N. Y. 1-arylamino - 5 - hydroxynaphthalene - 7 - sulphonic acid. 2,347,042; Apr. 18.

Fleischman, Simon, Forest Hills, N. Y. Semirigid roll top for desks. 2,341,914; Feb. 15.

Fleisher, Walter L., New City, N. Y. Air conditioning apparatus. 2,356,757; Aug. 29.

Fleming, Edward P., Los Angeles, Calif., and D. H. McIntosh, Corpus Christi, Tex., assignors to American Smelting and Refining Company, New York, N. Y. Smelting of drosses, mattes and the like. 2,343,760; Mar. 7.

Fleming, Edward P., Los Angeles, Calif., and D. H. McIntosh, Corpus Christi, Tex., assignors to American Smelting and Refining Company, New York, N. Y. Smelting copper-lead drosses and the like. 2,343,761; Mar. 7.

Fleming, Elijah A., Jackson, Miss. Nut gathering device. 2,346,211; Apr. 11.

Fleming, James C. (See Baker, R., and Fleming.)

Fleming, John D. (See Morrill, H. L., and Fleming.)

Fleming, John S., assignor to American Sales Book Company, Niagara Falls, N. Y. Continuous envelope assembly. 2,338,922; Jan. 11.

Fleming, Joseph W., Omaha, Nebr. Irrigating system and device. 2,359,981; Oct. 10.

Fleming-Williams, Brian C., assignor to A. C. Cossor Limited, London, England. Electrical apparatus. 2,361,998; Nov. 7.

Fleming-Williams, Clifford R., deceased, Hayes, Middlesex, by A. W. Fleming-Williams, Cranford, executrix, assignor to Car Crusier Caravans Limited, Hayes, Middlesex, England. Portable building. 2,363,765; Nov. 28.

Fleming-Williams, Kathrin W., Executrix. (See Fleming-Williams, Clifford R.)

Flemming, Leopold, Berlin-Schoneberg, Germany, assignor to General Aniline & Film Corporation, New York, N. Y. Copying apparatus. 2,354,108; July 18.

Flesch, Norman, assignor to American Steel Foundries, Chicago, Ill. Railway brake. 2,359,731; Oct. 10.

Flesch, Norman, assignor to American Steel Foundries, Chicago, Ill. Slack adjuster. 2,359,732; Oct. 10.

Flesch, Norman, assignor to American Steel Foundries, Chicago, Ill. Railway brake. 2,364,021; Nov. 28.

Flessner, Bertha C., assignor to Lucile Smith, Des Moines, Iowa. Implement for removing self-sealing jar covers. 2,338,753; Jan. 11.

Fletcher, Albert C., assignor to Quick Charge, Inc., Oklahoma City, Okla. Apparatus for changing storage batteries. 2,342,929; Feb. 29.

Fletcher, Arthur T., Bristol, Conn. Glass cutter. 2,341,030; Feb. 8.

Fletcher, Boynton J., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Extensible assembly. 2,354,806; Aug. 1.

Fletcher, Charles L., and A. W. Crane, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Precipitation of a cellulose ester having a high propionyl or butyryl content from its reaction mixture. 2,339,631; Jan. 18.

Fletcher, Ed. (See Thomas, J. H., and Fletcher.)

Fletcher, Ed, Newark, Ohio, assignor to Owens-Corning Fiberglas Corporation. Winding apparatus. 2,352,780; July 4.

Fletcher, Ed, Newark, and E. J. Fisher, Millersport, assignors to Owens-Corning Fiberglas Corporation, Toledo, Ohio. Traversing apparatus. 2,352,781; July 4.

Fletcher, Ed, Newark, Ohio, assignor to Owens-Corning Fiberglas Corporation. Fiber attenuating apparatus. 2,353,887; July 18.

Fletcher, Fred W. (See Coleman, G. H., Fletcher, and Lynn.)

Fletcher, Fred W. (See Coleman, G. H., Fletcher, and Schroeder.)

Fletcher, Fred W. (See Dreisbach, R. R., and Fletcher.)

Fletcher, Fred W., and R. R. Dreisbach, assignors to The Dow Chemical Company, Midland, Mich. Fumigant. 2,362,475; Nov. 14.

Fletcher, James. (See Bailey, E. G., Kerr, Fletcher, Watts, and Koolstra.)

Fletcher, James. (See Kerr, H. J., Fletcher, Watts, and Koolstra.)

Fletcher, James, Swindon, England. Timepiece. 2,355,429; Aug. 8.
Fletcher, James, Akron, Ohio, assignor to The Babcock & Wilcox Company, Newark, N. J. Fluid system. 2,346,672; Apr. 18.
Fletcher, Maurice, assignor to Cadet Smokestands Company, Des Moines, Iowa. Ash receptacle. 2,365,946; Dec. 26.
Fletcher, Maurice J., assignor to Cadet Smoke Stands Company, Des Moines, Iowa. Holder and dispenser. 2,353,301; July 11.
Fletcher, Norman, Worcester, and W. Y. Robb, Whitinsville, assignors to Crompton & Knowles Loom Works, Worcester, Mass. Brake for Axminster loom pull-over shafts. 2,345,334; Mar. 28.
Fletcher, Norman, Worcester, and W. Y. Robb, Whitinsville, assignors to Crompton & Knowles Loom Works, Worcester, Mass. Brake for Axminster loom pull-over shafts. 2,364,703; Dec. 12.
Fletcher, Willard J. (See Edwards, W. E., Fletcher, and Robinson.)
Flett, Lawrence H., Hamburg, N. Y., assignor to Allied Chemical & Dye Corporation. Treating wells. 2,338,282; Jan. 4.
Flett, Lawrence H., Hamburg, N. Y., assignor to Allied Chemical & Dye Corporation. Manufacture of detergents and related compositions. 2,340,654; Feb. 1.
Flett, Lawrence H., Hamburg, N. Y., assignor to Allied Chemical & Dye Corporation. Manufacture of organic sulphonates. 2,364,782; Dec. 12.
Fleuriel, Paul M., Stow, assignor to Union-Baystate Co. Inc., Cambridge, Mass. Apparatus for dehydrating liquid coating products and the like. 2,356,758; Aug. 29.
Flex-O-Tube Company, The. (See Clickner, James E., assignor.)
Flex-O-Tube Company, The. (See Greene, Charles W., assignor.)
Flex-O-Tube Company, The. (See Milton, Thomas W., assignor.)
Flick, Augustine A., Jr., Glenview, and M. B. Grout, Chicago, assignors to Jefferson Electric Company, Bellwood, Ill. System and apparatus for controlling illuminating devices. 2,361,017; Oct. 24.
Flickinger, James C., assignor of one-half to F. J Fuller, Cleveland, Ohio. Safety razor. 2,348,892; May 16.
Flink, Allen R., Streator, Ill. Distributor truck. 2,359,412; Oct. 3.
Flinn, George E., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Clutch. 2,359,982; Oct. 10.
Flint, Charles R., assignor to The De Luxe Products Corporation, La Porte, Ind. Internal combustion engine. 2,345,569; Apr. 4.
Flint, Edward F., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Illuminated bubble level. 2,344,241; Mar. 14.
Flint, Edward F., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Optical instrument. 2,357,390; Sept. 5.
Flint, Edward F., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Navigation watch. 2,360,667; Oct. 17.
Flint, Edward F., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Optical instrument. 2,366,016; Dec. 26.
Flint, Edward F., and H. F. Kurtz, assignors to Bausch & Lomb Optical Company, Rochester, N. Y. Photographic apparatus. 2,351,753; June 20.
Flint, Erlon W. (See Brooks, C. E., and Flint.)
Flint, George W. (See Adams, E. W., and Flint.)
Flint, George W. (See Adams, E. W., Brunstrum, and Flint.)
Flint, Howard, Ink Company. (See Hopkins, Matthew S., assignor.)
Flint, Justin T., St. Louis, Mo. Apparatus for washing clothes and other articles. 2,339,162; Jan. 11.
Flint, Alvin C., Haverstraw, M. T. Inman, Nyack, and W. P. Bitler, Haverstraw, assignors to Kay-Fries Chemicals, Inc., West Haverstraw, N. Y. Preparation of phenyl malonic ester. 2,358,063; Sept. 12.
Flogaus, Howard A., Media, assignor to J. G. Brill Company, Philadelphia, Pa. Vehicle spring. 2,358,699; Sept. 19.
Flogaus, Howard A., Wallingford, assignor to The J. G. Brill Company, Philadelphia, Pa. Vehicle spring. 2,358,700; Sept. 19.
Flohr, Henry, Jr., Encampment, Wyo. Guard plate for mowers. 2,355,063; Aug. 8.
Flood, Carl A., assignor to Dennison Manufacturing Company, Framingham, Mass. Dispenser for sheet material. 2,341,368; Feb. 8.
Flood, Carl A., assignor to Dennison Manufacturing Company, Framingham, Mass. Banding machine. 2,361,470; Oct. 31.
Flood, Edward A., Rockcliffe Park, Ontario, assignor to The Honorary Advisory Council for Scientific and Industrial Research, Ottawa, Canada. Forming selenium coatings. 2,354,109; July 18.
Flood, Walter H., Chicago, Ill. Delineated area. 2,355,430; Aug. 8.
Floraday, Burton S., Toledo, Ohio, assignor to Detroit Harvester Company, Detroit, Mich. Handle for vehicle doors. 2,355,791; Aug. 15.
Floraday, Burton S., Toledo, Ohio., assignor to Detroit Harvester Company, Detroit, Mich. Vehicle window guide and regulator assembly. 2,366,092; Dec. 26.
Florence Pipe Foundry & Machine Company. (See Camerota, Louis A., assignor.)
Florence Stove Company. (See Reeves, Herbert M., assignor.)
Florin, Philip, Woodmere, N. Y. Portable article carrier. 2,359,100; Sept. 26.
Florman, Irving, New York, N. Y. Lighter. 2,339,325; Jan. 18.
Florman, Irving, New York, N. Y. Cigarette lighter. 2,361,759; Oct. 31.
Florschutz, Fritz E., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,363,307; Nov. 21.
Flory, Leslie E. (See Morton, G. A., and Flory.)
Flory, Thomas W., Dunstable, Bedfordshire, England. Means for use in laying concrete pathways and the like. 2,338,630; Jan. 4.
Flosdorf, Earl W., Upper Darby, and F. J. Stokes, assignors to F. J. Stokes Machine Company, Philadelphia, Pa. Method and apparatus for desiccating sera, biologicals, and other materials. 2,345,548; Mar. 28.
Floto, Louis G., Steubenville, Ohio. Work chuck. 2,358,918; Sept. 26.
Flournoy, Algernon F. (See Metcalf, Hollis H., assignor.)
Flournoy, Algernon F., Monroe, assignor to R. S. Robertson, Shreveport, La. Yarn and spool holder. 2,351,418; June 13.
Flowers, Leonard C., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrolytic etching polished surfaces. 2,365,539; Dec. 19.
Flowers, Paul E., Mount Gilead, Ohio, assignor to The Hydraulic Development Corporation, Inc., Wilmington, Del. Hydraulic press. 2,343,177; Feb. 29.
Flowers, Paul E., Mount Gilead, Ohio, assignor to The Hydraulic Development Corporation, Inc., Wilmington, Del. Reducing the dwell in hydraulic presses. 2,346,212; Apr. 11.
Flowers, Paul E., Mount Gilead, Ohio, assignor to The Hydraulic Development Corporation, Inc., Wilmington, Del. Sheet metal stretching press. 2,346,213; Apr. 11.
Flowers, Paul E., Mount Gilead, Ohio, assignor to The Hydraulic Development Corporation, Inc., Wilmington, Del. Platen control device. 2,346,214; Apr. 11.
Flowers, Paul E., Mount Gilead, Ohio, assignor to The Hydraulic Development Corporation, Inc., Wilmington, Del. Electrically controlled hydraulic press. 2,348,676; May 9.
Flowers, Paul E., Mount Gilead, Ohio, assignor to The Hydraulic Development Corporation, Inc., Wilmington, Del. Device for metal drawing. 2,354,005; July 18.
Floyd, Frederick K., Denver, Colo., assignor to Hathaway Instrument Company. Calibrating apparatus. 2,357,643; Sept. 5.
Floyd, Raymond L., Centralia, Wash. Rotary display merchandising system. 2,338,324; Jan. 4.
Fluck, Linton A., Jr. (See Stiegler, H. W., and Fluck.)
Fluckinger, Frank, Seattle, Wash. Glue spreading machine. 2,359,904; Oct. 10.
Fluid Control Engineering Co. (See Annin, Douglas H., assignor.)
Fluid Control Engineering Co. (See Bryant, Austin U., assignor.)
Fluid Control Engineering Co. (See Grove, Marvin H., assignor.)
Fluid Control Engineering Co. (See Grove, M. H., and (Annin, assignor).)
Fluke, Jesse A., Argus, Pa. Insert chaser holder. 2,347,043; Apr. 18.
Fluor Corporation, Ltd., The. (See Fluor, John S., Jr., assignor.)
Fluor Corporation, Ltd., The. (See Fluor, Peter E., assignor.)
Fluor Corporation, Ltd., The. (See Hutchinson, Arthur J., assignor.)
Fluor, John S., Jr., Anaheim, assignor to The Fluor Corporation, Ltd., Los Angeles, Calif. Ventilation system for boats. 2,356,391; Aug. 22.
Fluor, Peter E., Santa Ana, assignor to The Fluor Corporation, Ltd., Los Angeles, Calif. Ventilation and exhaust pipe cooling in boats. 2,356,392; Aug. 22.
Fluor, Peter E., Santa Ana, assignor to The Fluor Corporation, Ltd., Los Angeles, Calif. Air-cooled muffler. 2,363,236; Nov. 21.
Flush Hydrant Corp. (See Scott, Carlyle H. and P. H., assignors.)
Fly Ash Arrestor Corporation. (See Bullock, Ellis W., assignor.)
Flygare, Carl G., assignor to Norton Company, Worcester, Mass. Hydraulic table reciprocating mechanism. 2,365,811; Dec. 26.
Flygare, Carl G., and H. A. Sliven, assignors to Norton Company, Worcester, Mass. External-internal cylindrical grinding machine. 2,344,242; Mar. 14.
Flygare, Carl G., and H. A. Sliven, assignors to Norton Company, Worcester, Mass. Grinding machine work head. 2,344,243; Mar. 14.
Flygare, Carl G., and W. F. Johnson, assignors to Norton Company, Worcester, Mass. Grinding wheel feeding mechanism. 2,349,786; May 23.

Flygare, Carl G., and W. H. Wood, assignors to Norton Company, Worcester, Mass. Grinding machine. 2,357,510; Sept. 5.
Flygare, Carl G., Worcester, and F. A. Helstrom, Lexington, assignors to Norton Company, Worcester, Mass. Grinding machine work sizing mechanism. 2,361,833; Oct. 31.
Flynn, Edward J., Schenectady, N. Y., assignor to General Electric Company. Enameling rectangular wire. 2,345,390; Mar. 28.
Flynn, Francis K., Brooklyn, N. Y. Antirattler. 2,359,101; Sept. 26.
Flynn, John H., Cincinnati, Ohio. Pulley block. 2,359,026; Sept. 26.
Flynn, John H., Cincinnati, Ohio. Pulley block. 2,359,027; Sept. 26.
Flynn, Thomas J., U. S. Navy, and A. Wertheimer, Arlington, Va. Helmet. 2,340,872; Feb. 8.
Flynn, Vincent H., Glendale, Long Island, N. Y. Cream and paste dispenser. 2,341,031; Feb. 8.
Flynn, William P., London, Ontario, Canada. Internal combustion engine. 2,357,464; Sept. 5.
Focal Company. (See Johnson, Alexander P., assignor.)
Focha, William F., Westfield, N. J., assignor to Walles, Dove-Hermiston Corporation. Apparatus for coating pipe. 2,347,316; Apr. 25.
Focht, Harry P., Kenmore, N. Y., assignor to Curtiss-Wright Corporation. Automatic balance tab. 2,357,465; Sept. 5.
Focht, Nevin S., Syracuse, N. Y. Hydraulic shock absorber. 2,342,729; Feb. 29.
Focht, Nevin S., Syracuse, N. Y. Shock absorber. 2,363,308; Nov. 21.
Focke, Arthur E., assignor to Diamond Chain and Manufacturing Company, Indianapolis, Ind. Chain. Re. 22,488; May 30.
Focke, Henrich, Bremen, Germany; vested in the Alien Property Custodian. Aircraft control. 2,338,923; Jan. 11.
Fodor, Ferenz H., Los Angeles, Calif. Apparatus for advancing filamentary material. 2,365,691; Dec. 26.
Fodor, Gábor. (See Bretschneider, H., Fodor, and Földi.)
Foell, Adolph L., Cleveland, Ohio. Cooling plate for blast furnace in walls and mantles. 2,345,188; Mar. 28.
Foerch, John E. and R., Clifton, N. J. Forming belting. 2,342,261; Feb. 22.
Foerch, Raymond. (See Foerch, John E. and R.)
Foerster, Charles V. (See Cape, A. T., and Foerster.)
Fog Nozzle Co., The. (See Larter, Raymond B., assignor.)
Fogarty, John P. (See Milne, D. D., Fogarty, and Dunlevie.)
Fogg, Jesse W. (See Trier, C. L., and Fogg.)
Fogle, Clayton G., Williamsport, Pa. Gun turret. 2,345,740; Apr. 4.
Fogle, Clayton G., Williamsport, Pa. Airplane tank. 2,356,155; Aug. 22.
Fohs Oil Company. (See Reed, Howard L., assignor.)
Folberth, Frederick G. and W. M., Cleveland, Ohio. Fluid pressure actuated motor. 2,343,656; Mar. 7.
Folberth, Frederick G. and W. M., Cleveland, Ohio. Motor. 2,353,022; July 4.
Folberth, William M. (See Folberth, Frederich G. and W. M.)
Földi, Zoltán. (See Bretschneider, H., Fodor, and Földi.)
Földi, Zoltán. (See König, R., Gerecs, and Földi.)
Földi, Zoltán, Budapest, Hungary; vested in the Alien Property Custodian. Process for the production of new efficacious p-amino-benzene-sulphamide derivatives suitable for injection purposes. 2,338,106; Jan. 4.
Foley, John L., and D. B. Malarkey; said Foley assignor to Hobart Sales Service Supplies, Buffalo, N. Y. Electric arc welding electrode holder. 2,347,598; Apr. 25.
Foley, Kathleen M., Morristown, N. J. Cigarette package. 2,353,395; July 11.
Foley Manufacturing Company. (See Collier, Freeman E., assignor.)
Foley, Patrick J., Jersey City, N. J. Ice cooler for beer barrels and the like. 2,358,450; Sept. 19.
Folk, Joseph, assignor to The Allbright-Nell Company, Chicago, Ill. Slicing machine. 2,347,818; May 2.
Folk, Joseph, assignor to U. S. Slicing Machine Company, La Porte, Ind. Slicing machine. 2,358,223; Sept. 12.
Folke, Bengt E., Mamaroneck, assignor to Nathan Manufacturing Company, New York, N. Y. Actuating means for mechanical lubricators. 2,359,905; Oct. 10.
Folkers, Karl. (See Major, R. T., Christman, and Folkers.)
Folkins, Hillis O., Skokie, and C. M. Thacker, Highland Park, assignors to The Pure Oil Company, Chicago, Ill. Hydrocarbon conversion. 2,350,159; May 30.
Folkrod, Cyril C., assignor, by mesne assignments, to Valentine Laboratories, Inc., Chicago, Ill. Emulsifying composition. 2,344,688; Mar. 21.
Followill, Bemis S., Riverside, and A. R. MacLean, Western Springs, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Apparatus for the magnetic separation of materials. 2,338,501; Jan. 4.
Folmer Graflex Corporation, The. (See Gorey, A. H., Nadel, and Hineline, assignors.)
Folmer Graflex Corporation, The. (See Grover, Frederic S., assignor.)
Folmer Graflex Corporation, The. (See Hineline, Edson S., assignor.)
Folmer Graflex Corporation, The. (See Nadel, Louis D., assignor.)
Folmer Graflex Corporation, The. (See Nitsch, Reynold J., assignor.)
Folmer Graflex Corporation, The. (See Smith, Byron L., assignor.)
Folmer Graflex Corporation, The. (See Sprague, Joseph A., assignor.)
Folmer Graflex Corporation, The. (See Sprague, J. A., and Chamberlin.)
Folmer Graflex Corporation, The. (See Steiner, Oscar, assignor.)
Folmer, Herman C. R. (See Bradnack, J. H., Thompson, and Folmer.)
Folmsbee, Clyde H., Berwick, Pa., assignor to American Car and Foundry Company, New York, N. Y. Swinging dome cover. 2,339,006; Jan. 11.
Folsom, Rolfe A., Burlingame, assignor to W. R. Ames Company, San Francisco, Calif. Sprinkler pipe. 2,339,632; Jan. 18.
Fomeen, Basil N., Los Angeles, Calif. Musical instrument. 2,351,497; June 13.
Fonck, René, Paris, France; vested in the Alien Property Custodian. Fighter plane. 2,358,919; Sept. 26.
Fon Dersmith, Charles R. (See Dow, G. L., Fon Dersmith, and Waugaman.)
Fonken, Martin E., Burbank, Calif. Golf-ball retriever. 2,365,540; Dec. 19.
Fontaine, Raymond A., Hamden, assignor of one-half to N. E. Cooper, New Haven, Conn. Fixture for installing and removing the abrading elements of rotary abraders. 2,348,288; May 9.
Fontaine, Raymond A., Hamden, assignor of one-half to N. E. Cooper, New Haven, Conn. Rotary abrader. 2,365,462; Dec. 19.
Fontaine, Robert A., Martinsville, Va. Closure for vehicle bodies. 2,354,450; July 25.
Fontaine, Robert A., Roanoke, Va. Trailer body and floor construction. 2,363,170; Nov. 21.
Fontaine, Virgil H., Jr., Lubbock, Tex. Game apparatus. 2,361,471; Oct. 31.
Food Machinery Corporation. (See Bauer, Edward G., assignor.)
Food Machinery Corporation. (See Britten, Cecil A., assignor.)
Food Machinery Corporation. (See Coons, Burton C., assignor.)
Food Machinery Corporation. (See Craig, Albert P., assignor.)
Food Machinery Corporation. (See Griffith, Clifford J., assignor.)
Food Machinery Corporation. (See Hait, James M., assignor.)
Food Machinery Corporation. (See Holmes, Herbert G., assignor.)
Food Machinery Corporation. (See Jones, Lloyd E., assignor.)
Food Machinery Corporation. (See Kerr, Charles E., assignor.)
Food Machinery Corporation. (See Kinnebrew, William O., assignor.)
Food Machinery Corporation. (See Magnuson, Roy M., assignor.)
Food Machinery Corporation. (See Morse, James W., assignor.)
Food Machinery Corporation. (See Porch, Howard L., assignor.)
Food Machinery Corporation. (See Reed, Russell H., assignor.)
Food Machinery Corporation. (See Sells, O. S., and Porch, assignors.)
Food Machinery Corporation. (See Stebler, Fred, assignor.)
Food Machinery Corporation. (See Stevenson, J. W.)
Food Machinery Corporation. (See Stilwell, G. E., and Paxton, assignor.)
Food Machinery Corporation. (See Stockdale, Harry C., assignor.)
Food Machinery Corporation. (See Thompson, Albert R., assignor.)
Food Machinery Corporation. (See Thompson, A. R., and Bucher, assignors.)
Foord, Stanley G. (See New, A. A., Foord, and Beckwith.)
Foote, Alton G., Wickliffe, Ohio, assignor to General Electric Company. Electric radiant energy device. 2,342,044; Feb. 15.
Foote Bros. Gear and Machine Corporation. (See Anderson, Rexford O., assignor.)
Foote-Burt Company, The. (See Ruppel, Harry W., assignor.)
Foote, Daniel J., West Allis, and H. E. Soref, assignors to Master Lock Company, Milwaukee, Wis. Padlock. 2,352,190; June 27.
Foote, Herbert E. (See Enright, J. J., and Foote.)
Foottit, Frederick D., and G. J. Trapp, assignors to Automotive Products Company Limited, Leamington Spa, England. Motor pump unit. 2,346,372; Apr. 11.
Forbes, Arthur L., St. Albans, N. Y. Perpetual calendar. 2,343,969; Mar. 14.

Forbes, Henry C., Eggertsville, assignor to Colonial Radio Corporation, Buffalo, N. Y. Push-button tuning mechanism. 2,344,205; Mar. 14.

Forbes, John D., San Francisco, Calif. Cartridge or shell for chain shot. 2,354,451; July 25.

Forbes, John D., San Francisco, Calif. Parachute. 2,358,798; Sept. 26.

Forbes, John D., San Francisco, Calif. Parachute. 2,361,540; Oct. 31.

Forbes, Joseph A., Detroit, assignor to J. Sneed, Royal Oak, Mich. Brake. 2,338,502; Jan. 4.

Forbes, Joseph A., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Master cylinder. 2,341,318; Feb. 8.

Forbes, Joseph A., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Brake. 2,347,599; Apr. 25.

Forbes, Joseph A., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Wheel and brake assembly. 2,352,829; July 4.

Forbes, Joseph A., Detroit, assignor to J. Sneed, Royal Oak, Mich. Brake. 2,355,720; Aug. 15.

Forbes, Joseph A., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Brake. 2,356,233; Aug. 22.

Forbes, Joseph A., Detroit, assignor to J. Sneed, Royal Oak, Mich. Brake. 2,356,234; Aug. 22.

Forbes, Joseph A., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Brake. 2,366,093; Dec. 26.

Forbes, Joseph A., Detroit, assignor to J. Sneed, Royal Oak, Mich. Brake. 2,366,094; Dec. 26.

Forbes, Walter S., Staten Island, N. Y. Store equipment. 2,341,434; Feb. 8.

Forcey, George W. (See Abrams, A., Davis, Forcey, Hamberger, and Wagner.)

Forcey, George W. (See Abrams, A., and Forcey.)

Forcey, George W. (See Abrams, A., Forcey, Graebner, Heald, and Rumberger.)

Forcey, George W. (See Abrams, A., Forcey, and Wagner.)

Ford, Brandt, Racine, Wis. Grinding machine. 2,353,131; July 11.

Ford, Charles R., assignor, by mesne assignments, to Rex Manufacturing Company, Inc., Connersville, Ind. Refrigerator cabinet construction. 2,346,566; Apr. 11.

Ford, David O., Petersburg, Va. Display sign. 2,354,367; July 25.

Ford, Edward T., assignor of one-half to H. F. Rogers, Red Key, Ind. Train order delivery crane. 2,341,089; Feb. 8.

Ford, Eugene A., Scarsdale, assignor to International Business Machines Corporation, New York, N. Y. Record controlled machine. 2,364,202; Dec. 5.

Ford, Everett P., San Francisco, Calif. Wiener vending machine. 2,363,724; Nov. 28.

Ford, Frank J., Worcester, assignor of one-third to H. Whittaker, Oxford, and one-third to M. B. Striar, Worcester, Mass. Fabric. 2,346,159; Apr. 11.

Ford, Frank R., Sparkbrook, Birmingham, England. Duplicating machine. 2,345,335; Mar. 28.

Ford, Frank R., Sparkbrook, Birmingham, England. Duplicateng machine. 2,362,895; Nov. 14.

Ford, George E. (See Connolly, W. B., and Ford.)

Ford, George E., assignor to Rochester Manufacturing Co., Inc., Rochester, N. Y. Indicating instrument having magnetic biasing means. 2,350,741; June 6.

Ford, George E., assignor to Rochester Manufacturing Co., Inc., Rochester, N. Y. Signal mechanism. 2,352,830; July 4.

Ford, George E., and W. W. Hastings, Brighton, assignors to Rochester Manufacturing Co., Inc., Rochester, N. Y. Bimetallic thermometer. 2,343,372; Mar. 7.

Ford, George E., W. W. Hastings, and W. B. Connolly, assignors to Rochester Manufacturing Company, Rochester, N. Y. Combination electric switch and indicating mechanism. 2,343,545; Mar. 7.

Ford, Gladys C., New York, N. Y. Doll's wig. 2,343,141; Feb. 29.

Ford, Gladys C., New York, N. Y. Doll. 2,347,405; Apr. 25.

Ford, Henry, Dearborn, and C. E. Sorensen, Detroit, assignors to Ford Motor Company, Dearborn, Mich. Internal-combustion engine. 2,349,157; May 16.

Ford Instrument Company. (See Crooke, Raymond E., assignor.)

Ford Instrument Company. (See Crowther, George A., assignor.)

Ford Instrument Company. (See Doe, T. B., and Kenngott, assignors.)

Ford Instrument Company. (See Doe, T. B., and Ross, assignors.)

Ford Instrument Company. (See Garrett, Elmer E., assignor.)

Ford Instrument Company. (See Newell, William H., assignor.)

Ford Instrument Company. (See Poitras, E. J., and Tear, assignors.)

Ford Instrument Company. (See Ross, Elliott P., assignor.)

Ford, James G., Sharon, and R. D. Spencer, Irwin, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Resinous material embodying glass fibers. 2,354,110; July 18.

Ford, John R. (See McKellip, S. W., and Ford.)

Ford, John R., Narberth, Pa., assignor to Radio Corporation of America. Measuring circuit. 2,358,391; Sept. 19.

Ford, T. Latimer, Jr., Glen Arm, assignor to The Glenn L. Martin Company, Middle River, Md. Antenna mount. 2,359,835; Oct. 10.

Ford Motor Company. (See Boyer, R. A., and Ensign, assignors.)

Ford Motor Company. (See Chubbuck, Horace A., assignor.)

Ford Motor Company. (See Crawford, J., and Wiegand, assignors.)

Ford Motor Company. (See Ford, H., and Sorensen, assignors.)

Ford Motor Company. (See McGowen, Llewellyn P., assignor.)

Ford Motor Company. (See McKanna, R. H., and Ross, assignors.)

Ford Motor Company. (See Miller, L., and Chubbuck, assignors.)

Ford Motor Company. (See Roeder, D., and Wright, assignors.)

Ford Motor Company. (See Treese, L. S., and Schubert.)

Ford Motor Company. (See Wagner, Willys P., assignor.)

Ford Motor Company. (See Zoerlein, Emil, assignor.)

Ford Motor Company. (See Zoerlein, E., McCloud, and Mickey, assignors.)

Ford, William R., Drumright, Okla. Oar or paddle. 2,347,475; Apr. 25.

Fordyce, Charles R., assignor to Eastman Kodak Company, Rochester, N. Y. Water base paint composition. 2,338,580; Jan. 4.

Fordyce, Charles R., assignor to Eastman Kodak Company, Rochester, N. Y. Preparing oxidized cellulose esters. 2,358,064; Sept. 12.

Fordyce, Charles R., and G. J. Clarke, assignors to Eastman Kodak Company, Rochester, N. Y. Gelation coating process. 2,350,742; June 6.

Fordyce, Charles R., and G. J. Clarke, assignors to Eastman Kodak Company, Rochester, N. Y. Gelation coating process. 2,350,743; June 6.

Fordyce, Charles R., and G. J. Clarke, assignors to Eastman Kodak Company, Rochester, N. Y. Gelation coating process. 2,350,744; June 6.

Foregger Company, The. (See Macintosh, Robert R., assignor.)

Foregger, Richard V., Roslyn, N. Y. Anesthetic apparatus. 2,354,452; July 25.

Foreman, Bertha, Harlowton, Mont. Combined writing paper and envelope. 2,352,890; July 4.

Foreman, Ross. (See Oswald, Robert A., assignor.)

Foresman, Edwin D., and C. Colovos, Scranton, Pa. Table signal. 2,339,471; Jan. 18.

Foresman, Robert A., Prospect Park, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Material handling apparatus. 2,344,347; Mar. 14.

Foresman, Robert A., Prospect Park, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Material-handling apparatus. 2,346,068; Apr. 4.

Foresman, Robert A., Prospect Park, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Valve construction. 2,346,069; Apr. 4.

Foresman, Robert A., Prospect Park, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa Material-handling apparatus. 2,347,549; Apr. 25.

Foresman, Robert A., Prospect Park, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Material-handling apparatus. 2,347,550; Apr. 25.

Foresman, Robert A., Prospect Park, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Stoker apparatus. 2,347,610; May 2.

Foresman, Robert A., Prospect Park, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Stoker apparatus. 2,352,092; June 20.

Forgey, Joseph A., Attalla, Ala., assignor to The Greif Bros. Cooperage Corporation, Cleveland, Ohio. Stapling machine. 2,360,484; Oct. 17.

Forhan, Gladys. (See Rauen, C. F., and Forhan.)

Forman, James, and A. D. Clyburn, New Orleans, La. Holder for welding electrodes. 2,364,063; Dec. 5.

Formhals, Anton, Mains, Germany; vested in the Alien Property Custodian. Method and apparatus for spinning. 2,349,950; May 30.

Formhals, Calvin, Smithfield, Ill. Multiple barrel gun. 2,351,257; June 13.

Formhals, Calvin G., Smithfield, Ill. Nail pulling tool. 2,365,463; Dec. 19.

Formhals, William H., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control system for paper machines. 2,338,503; Jan. 4.

Forney, William E., Merchantville, N. J., assignor to Cities Service Oil Company, New York, N. Y. Refining of lubricating oils and simultaneous refining of gasoline type motor fuels therewith. 2,342,630; Feb. 29.

Forni, George P., Emeryville, Calif. Method and apparatus for providing lifting hooks and recesses in concrete blocks. 2,344,206; Mar. 14.

Fornwald, Charles M., Jr., Linden, assignor to Synero Machine Company, Rahway, N. J. Wire coiling mechanism. 2,341,369; Feb. 8.

Fornwald, Charles M., Jr., Linden, assignor to Synero Machine Company, Rahway, N. J. Wire supply mechanism. 2,341,707; Feb. 15.

Forrest, William J., Ilford, and C. H. Brown, Catford, London, England. Filtering and like treatment of fluids. 2,338,417; Jan. 4.

Forrest, William J., Ilford, and C. H. Brown, Catford, London, England. Filtering and like treatment of fluids. 2,338,418; Jan. 4.

Forrest, William J., Ilford, and C. H. Brown, Catford, London, England. Filtering and like treatment of fluids. 2,338,419; Jan. 4.

Forrester, John H., Waldron, Ark. Gas furnace. 2,363,953; Nov. 28.

Forsberg, Edgar E., assignor of twenty-five per cent to S. Braunis, Chicago, Ill. Furnace. 2,365,183; Dec. 19.

Forse, Harry D., Anderson, Ind. Apparatus for pressing shirts and the like. 2,343,289; Mar. 7.

Forsell, Frida V., Stockholm, Sweden. Handcuff. 2,344,348; Mar. 14.

Forshee, Kent. (See Lauer, C. J., Mowers, and Forshee.)

Forsman, Donald D. (See Muller, G., and Forsman.)

Forst, Willi. (See Moschel, W., Forst, and Schmid.)

Forster, Earl N., Arcata, Calif. Wheel balancing machine. 2,344,349; Mar. 14.

Forstrom, Edward W., Stratford, Conn., assignor to General Electric Company. Tuning arrangement for signaling systems. 2,349,085; May 16.

Forsythe, John W., Wilkinsburg, Pa. Charging box for open hearth furnace charging operation. 2,347,899; May 2.

Forsythe, John W., Wilkinsburg, and A. T. Reichenbach, Pittsburgh, Pa. Charging peel or arm for furnace charging boxes. 2,349,854; May 30.

Fort Pitt Bedding Company. (See de Fries, Walter, assignor.)

Forte, Carl D., San Diego, Calif. Removable bulldozer attachment bracket. 2,346,567; Apr. 11.

Foster, Asa D., Minneapolis, Minn. Slope meter. 2,357,817; Sept. 12.

Forter-Teichmann Company. (See Teichmann, Henry F., assignor.)

Fortier, James R., Detroit, Mich. Diamond tool. 2,346,373; Apr. 11.

Fortin, Leon J., Bath, Maine. Drill adapter. 2,365,260; Dec. 19.

Fortis, Oscar, assignor to J. W. Hearst, Chicago, Ill. Hydrocarbon fuel burner nozzle construction. 2,346,307; Aug. 22.

Fortune, Harold G., Lake Placid, N. Y. Cutting casts. 2,366,017; Dec. 26.

Fortune, James C., assignor to Reed Roller Bit Company, Houston, Tex. Choke valve. 2,338,759; Jan. 11.

Fortune, James C., assignor to Reed Roller Bit Company, Houston, Tex. Well liner setting apparatus. 2,342,930; Feb. 29.

Fortune, James C., assignor to Reed Roller Bit Company, Houston, Tex. Drag bit. 2,342,931; Feb. 29.

Fosdal, Alfred, Farragut, Idaho. Dental chuck. 2,360,832; Oct. 24.

Fosdick Machine Tool Company, The. (See Linden, C. E., and McClellan, assignors.)

Foss, Carl W. (See Arey, R. T., and Foss.)

Fossum, Maurice H., St. Paul, Minn. Damper regulator set. 2,362,623; Nov. 14.

Foster, Albert C., Westfield, N. J., assignor to Foster Wheeler Corporation, New York, N. Y. Slagging furnace. 2,360,863; Oct. 24.

Foster, Arthur B., et al. (See Greaves-Walker, A. F., and Stone, assignors.)

Foster, Boutwell H., Maplewood, N. J., assignor to United States Rubber Company, New York, N. Y. Flue bag filter. 2,338,504; Jan. 4.

Foster, Boutwell H., Maplewood, and H. E. Sunbury, Rutherford, N. J., assignors to United States Rubber Company, New York, N. Y. Coupling. 2,360,485; Oct. 17.

Foster, Charles E., Los Angeles, Calif. Safety fluorescent lamp clip. 2,350,600; June 6.

Foster, Edson P., Manitowoc, Wis. Felting needle. 2,349,086; May 16.

Foster, Edward E. (See Lilley, S. C., and Foster.)

Foster, Edwin E., Austin, Tex. Ironing device. 2,345,251; Mar. 28.

Foster, Harry I., Maple Heights, Ohio. Countersinking drill. 2,362,260; Nov. 7.

Foster, George H., Stamford, and L. L. Lento, Jr., Springfield, Conn., assignors to American Cyanamid Company, New York, N. Y. Producing dipotassium monosodium ferricyanide. 2,342,103; Feb. 22.

Foster, Harry E., Atlanta, Ga., assignor to Draper Corporation, Hopedale, Mass. Automatic loom shuttle. 2,353,611; July 11.

Foster, Henry. (See Harriman, W. R., and Foster.)

Foster, Henry D., Wilmington, Del., and A. W. Larchar, Mendenhall, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of films. 2,364,435; Dec. 5.

Foster, James L., Honston, Tex., assignor to Standard Oil Development Company. Drilling fluid. 2,364,434; Dec. 5.

Foster, Julius E., Washington, D. C. Blasting machine. 2,344,544; Mar. 21.

Foster, Julius E., Washington, D. C. Blasting machine. 2,358,322; Sept. 19.

Foster, Lee R. (See Goller, E. E., and Foster.)

Foster, Levin W., Pittsfield, Mass., assignor to General Electric Company. Wound core reactor. 2,359,102; Sept. 26.

Foster Machine Company. (See Arterton, A. W., and McConnell, assignors.)

Foster Machine Company. (See Doughty, Howard W., Jr., assignor.)

Foster, Raymond F., Stratford, Conn., assignor to General Electric Company. Two-way band switch. 2,340,117; Jan. 25.

Foster, Raymond F., Stratford, Conn., assignor to General Electric Company. High frequency transformer arrangement. 2,361,187; Oct. 24.

Foster, Robert B., Los Angeles, Calif., assignor to J. B. Smiley, New York, N. Y. Volume control apparatus for radio receivers. 2,345,927; Apr. 4.

Foster, Robert B., Los Angeles, Calif., assignor to J. B. Smiley, New York, N. Y. Control mechanism. 2,345,928; Apr. 4.

Foster, Robert N. (See Durgin, C. B., Foster, and Booth.)

Foster, Robert N., Anniston, Ala., assignor to Monsanto Chemical Company. Textile process and product. 2,365,402; Dec. 19.

Foster, Sampson D., Cordova, assignor of one-third to C. A. Carson, one-sixth to F. R. Wright, and one-sixth to G. I. Frazier, Memphis, Tenn. Permutation lock. 2,344,860; Mar. 21.

Foster, Sidney, assignor to Automotive Products Company Limited, Leamington Spa, England. Liquid damped telescopic shock absorber strut. 2,363,125; Nov. 21.

Foster, Uri D., assignor to The Arrow-Hart & Hegeman Electric Co., Hartford, Conn. Trimming press and die arrangement for same. 2,363,407; Nov. 21.

Foster, Warren D. (See Wilson, O. W., and Foster.)

Foster Wheeler Corporation. (See Bizard, John, assignor.)

Foster Wheeler Corporation. (See Bragg, Leslie B., assignor.)

Foster Wheeler Corporation. (See Foster, Albert C., assignor.)

Foster Wheeler Corporation. (See Frisch, Martin, assignor.)

Foster Wheeler Corporation. (See Keenan, Walter F., assignor.)

Foster Wheeler Corporation. (See Larsen, James M., assignor.)

Foster Wheeler Corporation. (See Meyer, H. C. E., and (Rakestraw, assignor).)

Foster Wheeler Corporation. (See Yingling, Carl S., assignor.)

Fostoria Pressed Steel Corporation, The. (See Barber, Ira J., assignor.)

Fotie, Joseph A., Kansas City, Mo. Clutch mechanism. 2,340,655; Feb. 1.

Fouchey, Charles J., Ecorse, Mich. Live center. 2,362,812; Nov. 14.

Fouke, George W., assignor to Lee-Rowan Company, St. Louis, Mo. Locking device. 2,340,118; Jan. 25.

Foulke, George R., Jr., Winnabow, N. C. Tractor cultivator. 2,345,741; Apr. 4.

Foulkes, Christopher H., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Ultra high frequency circuit conductor members. 2,356,044; Aug. 15.

Foundation for Clinical and Surgical Research. (See Bower, J. O., and Tarbox, assignors.)

Fountain, Lawrence L., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Shockproof relay contact. 2,365,541; Dec. 19.

Fountain, William M., San Francisco, assignor, by mesne assignments, of one-fourth to W. F. Wood, Piedmont, Calif. Differential. 2,345,252; Mar. 28.

Fourness, Charles A., and J. B. Catlin, Appleton, assignors to Paper Patents Company, Neenah, Wis. Cellulosic product. 2,339,326; Jan. 18.

Fourness, Charles A., and J. B. Catlin, Appleton, assignors to Paper Patents Company, Neenah, Wis. Making cellulosic products. 2,341,370; Feb. 8.

Fourness, Charles A., Appleton, and R. A. Moravek, Neenah, Wis., assignors to Paper Patents Company. Apparatus for making compressed wadding rolls. 2,353,821; July 18.

Four Wheel Drive Auto Co., The. (See Shannon, Jean R., assignor.)

Fouse, Frederick Z. (See McNamara, W. L., and Fouse.)

Foutz, Karl E., McKeesport, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake cylinder device. 2,355,721; Aug. 15.

Fowler, Donald E., Naugatuck, Conn., assignor to United States Rubber Company, New York, N. Y. Coating sheet material. 2,351,498; June 13.

Fowler, Edward. (See Ashton, P. E., and Fowler.)

Fowler, Elbert, Elyria, Ohio. Rotary pump. 2,347,944; May 2.

Fowler, Elbert, Mount Vernon, N. Y., assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Brake control mechanism. 2,363,664; Nov. 28.

Fowler, Frank E., Athens, Ga. Bottle brush spindle. 2,340,215; Jan. 25.

Fowler, Grace L., Oklahoma City, Okla. Dress shield. 2,366,095; Dec. 26.

Fowler, Harry R., Toledo, Ohio. Electric conversion. 2,342,336; Feb. 22.

Fowler, Herman J., Chicago, Ill. Photographic apparatus for making periodic time-recorded exposures. 2,353,154; July 11.

Fowler, John & Co. (Leeds) Limited. (See Niekirk, Percy B., assignor.)

Fowler, John, & Co. (Leeds) Limited. (See Sanders, Arthur F., assignor.)

Fowler, John T., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Crusher. 2,339,390; Jan. 18.

Fowler, John T., assignor to The Jeffrey Manufacturing Company, Columbus, Ohio. Pulverizing rotor. 2,362,366; Nov. 7.

Fowler, Neil A., River Forest, assignor to General Box Company, Chicago, Ill. Slide-fastened closure construction for rigid containers. 2,344,861; Mar. 21.

Fowler, Gilbert L., Lakewood, and C. J. Nocar, assignors to The E. F. Hauserman Company, Cleveland, Ohio. Ceiling system. 2,349,158; May 16.

Fowler, Gilbert L., Lakewood, and C. J. Nocar, assignors to The E. F. Hauserman Company, Cleveland, Ohio. Partition construction. 2,352,702; July 4.

Fox, Abraham L., Boulder City, Nev. Producing calcium boride. 2,344,859; Mar. 21.

Fox, Arthur L. (See Bimmerman, H. G., and Fox.)

Fox, Arthur L., Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of sulphonyl bromide derivatives. 2,346,568; Apr. 11.

Fox, Arthur L., Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Reaction of saturated hydrocarbon carboxylic acids with admixed sulphur dioxide and chlorine. 2,346,569; Apr. 11.

Fox, Arthur L., Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Solution of copper mercaptides from terpenes. 2,349,820; May 30.

Fox, Arthur L., Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Reduction of organic compounds. 2,351,196; June 13.

Fox, Arthur L., Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of organic sulphonamides. 2,361,188; Oct. 24.

Fox, Arthur L., Easton, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing sulphonyl chlorides. 2,351,674; June 20.

Fox, Charles A., Oakland Village, Mo. Drying rack. 2,343,657; Mar. 7.

Fox, Charles A., Oakland, assignor to James R. Kearney Corporation, St. Louis, Mo. Torque gauge. 2,340,740; Feb. 1.

Fox, Edward J., Washington, D. C., assignor to Claude R. Wickard, as Secretary of Agriculture of the United States of America and to his successors in office. Production of dicalcium phosphate and ammonium chloride. 2,353,658; July 18.

Fox, Gordon, O. C. Callow, and C. G. Bigelow, assignors to Freyn Engineering Company, Chicago, Ill. Skip hoist. 2,343,662; Apr. 4.

Fox, Harry H., Brentford, England, assignor, by mesne assignments, to Pyrene Minimax Corporation, Newark, N. J. Foam delivering apparats. 2,339,327; Jan. 18.

Fox, Jacob L., et al., trustee. (See Sell, H. A., and Cole, assignors.)

Fox, James A., Washington, Pa. Bull wheel flange. 2,359,211; Sept. 26.

Fox, John H., Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Bullet-resisting glass. 2,345,336; Mar. 28.

Fox, John H., Pittsburgh, and W. O. Lytle, New Kensington, Pa., assignors to Pittsburgh Plate Glass Company. Manufacture of vesicular glass. 2,354,807; Aug. 1.

Fox, Martin, Chicago, Ill., assignor to The Seng Company. Sofa bed. 2,352,375; June 27.

Fox Products Company. (See Miller, Robert M., assignor.)

Fox, Vernie A., Detroit, Mich. Rapid-quench heat-treating oven. 2,341,766; Feb. 15.

Foxboro Company, The. (See Allen, A., and Cushman, assignors.)

Foxboro Company, The. (See Allen, A., and Howe, assignors.)

Foxboro Company, The. (See Philbrick, George A., assignor.)

Foxon, Henry J., Wembley, England, assignor to General Electric Company. Holding diamonds for drilling. 2,355,853; Aug. 15.

Foy, Martin P. (See Daniels, C. H., and Foy.)

Fr. Sauter A. G. Fabrik Elektr. Apparate. (See Sauter, Fritz, assignor.)

Frady, George L., Omaha, Nebr. Toy bomb. 2,344,402; Mar. 14.

Fraenkel, Hans. (See Macadie, H. S., and Fraenkel.)

Fragen, Nathan. (See Nysewander, C. W., and Fragen.)

Fragen, Nathan, Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Catalytic conversion process. 2,349,821; May 30.

Frain, John William. (See Bancroft, C. C., and Frain.)

Fram Corporation. (See Bickle, Harry M., assignor.)

Fram Corporation. (See Wilkinson, James W., assignor.)

Fram, Joseph C., and H. W. Mitcheltree, Dallas, Tex. Condiment holder. 2,342,932; Feb. 29.

Framburg, Charles A., Jr., Forest Park, and E. W. Larson, Downers Grove, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Electrical resistance device. 2,348,462; May 9.

Frame, Gordon F. (See Allen, C. F. H., and Frame.)

Frame, Gordon F., and C. F. H. Allen, assignors to Eastman Kodak Company, Rochester, N. Y. Azo compounds. 2,364,355; Dec. 5.

Francek, Joseph R., Algonquin, assignor to E. J. Sheehan, Chicago, Ill. Dry expansion of wood veneer. Molding apparatus. 2,347,773; May 2.

Frances, Joseph E., Oakland, Calif. Pipe bell hub and sealing means. 2,347,044; Apr. 18.

Francesco, John P., Haverhill, Mass. Centering device. 2,364,064; Dec. 5.

Franchot, Richard, assignor to Ferro Nitrogen Corporation, Washington, D. C. Blast furnace cyanide outlet. 2,347,045; Apr. 18.

Franchot, Richard, assignor to Ferro Nitrogen Corporation, Washington, D. C. Nitrogen-fixing blast furnace. 2,365,868; Dec. 26.

Francis, James, Port Chester, N. Y. Sash balance. 2,359,552; Oct. 3.

Francis, Alfred W., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Treating petroleum derivatives and products thereof. 2,363,171; Nov. 21.

Francis, Alfred W. Woodbury, N. J., and E. E. Reid, Baltimore, Md., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Alkylation. 2,364,203; Dec. 5.

Francis, Carleton S., Jr., Chestnut Hill, Pa., assignor, by mesne assignments, to American Viscose Corporation, Wilmington, Del. Apparatus for producing preshrunk fabrics. 2,338,391; Jan. 4.

Francis, Carleton S., Jr., Chestnut Hill, Pa., and W. Wade, Scarsdale, N. Y., assignors to Sylvania Industrial Corporation, Fredericksburg, Va. Process and article for treating materials and articles so produced. 2,353,717; July 18.

Francis, Carleton S., Jr., Pine Orchard, Conn., assignor to Sylvania Industrial Corporation, Fredericksburg, Va. Producing fibrous products. 2,357,392; Sept. 5.

Francis, David R., et al., Trustee. (See Daugherty, Fount F., assignor.)

Francis, Earl H., Kansas City, Mo. Hypodermic projectile. 2,348,337; May 9.

Francis, Earl H., Kansas City, Mo. Automatic pilot for airplanes. 2,350,024; May 30.

Francis Heron Rogers, executor. (See Huszenlaub, E. G., and Rogers.)

Francis, Joseph N., Woburn, Mass., assignor to Sattley Company, Detroit, Mich. Coin sorting machine. 2,351,197; June 13.

Francis, Joseph N. Woburn, Mass., assignor to Sattley Company, Detroit, Mich. Coin-counting machine. 2,357,391; Sept. 5.

Francis, Lelia I., Dayton, Ohio. Electric waving iron. 2,362,748; Nov. 14.

Francis, Louis, New York, N. Y., assignor to Breinig Brothers, Inc., Hoboken, N. J. Brush or tool holder. 2,346,570; Apr. 11.

Francis, Louis, Miami, Fla. Multicharge gun. 2,360,217; Oct. 10.

Francis, Louis E., Akron, and N. I. Fleischer, Cincinnati, Ohio. Marking machine. 2,362,261; Nov. 7.

Francis, Oliver T., Renville, Minn. Signaling with electronic commutators. 2,343,290; Mar. 7.

Francis, Oliver T., Renville, Minn. Radiant energy control device. 2,349,715; May 23.

Francis, Oliver T., Renville, Minn. Infrared control device. 2,352,377; June 27.

Francis, Thomas, et al., Trustee. (See Daugherty, Fount F., assignor.)

Franck, Clarence C., Swarthmore, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Manufacturing turbine blades. 2,354,587; July 25.

Franck, George E., Riverside, assignor to The Imperial Brass Manufacturing Company, Chicago, Ill. Sizing tool. 2,344,036; Mar. 14.

Franck, George E., Riverside, assignor to The Imperial Brass Manufacturing Company, Chicago, Ill. Primer. 2,345,663; Apr. 4.

Franck, George E., Riverside, assignor to The Imperial Brass Manufacturing Company, Chicago, Ill. Forming closed tubes. 2,355,792; Aug. 15.

Franck, George E., Riverside, assignor to The Imperial Brass Manufacturing Company, Chicago, Ill. Liquid shutoff valve. 2,363,123; Nov. 21.

Franck, Kurt, Newark, Ohio, assignor to Holophane Company, Inc., New York, N. Y. Luminaire. 2,344,295; Mar. 14.

Franclare Company. (See Miller, Frank W., assignor.)

Franco, John S., Redwood City, Calif. System and apparatus for handling concrete. 2,357,583; Sept. 5.

Franey, Robert G. (See Glaser, L. B., and Franey.)

Franjoat, Inc. (See Penksa, Stanley, assignor.)

Frank, Edward J. (See Gayer, J. D., Frank, and Boisseau.)

Frank, Frederick C., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,359,516; Oct. 3.

Frank, Haskel S., assignor to A. Stein & Company, Chicago, Ill. Apparel belt. 2,341,371; Feb. 8.

Frank, Joseph C., and J. L. Amos, Midland, and A. F. Straubel, Auburn, assignors to The Dow Chemical Company, Midland, Mich. Depolymerizing polystyrene. 2,359,212; Sept. 26.

Frank, Karl, Bad Soden in Taunus, Germany; vested in the Alien Property Custodian. Preparing fritted foundations for the enamelling of metallic articles. 2,351,811; June 20.

Frank, Leopold. (See Leubrie, Courinne G., assignor.)

Frank, Louis, assignor of one-third to A. Reader, Taft, Calif. Dispensing container. 2,353,132; July 11.

Frank, Robert L. (See Frank, W. H., Fisher, and Frank.)

Frank, William H., assignor to Bulldog Electric Products Company, Detroit, Mich. Switch. 2,342,852; Feb. 29.

Frank, William H., assignor to Bulldog Electric Products Company, Detroit, Mich. Switch. 2,357,183; Aug. 29.

Frank, William H., assignor to Bulldog Electric Products Company, Detroit, Mich. Collector. 2,361,536; Oct. 31.

Frank, William H., assignor to Bulldog Electric Products Company, Detroit, Mich. Continuous outlet construction. 2,361,537; Oct. 31.

Frank, William H., and W. Robertson, assignors to Bulldog Electric Products Company, Detroit, Mich. Circuit master column type panel board. 2,343,178; Feb. 29.

Frank, William H., L. E. Fisher, and R. L. Frank, assignors to Bulldog Electric Products Company, Detroit, Mich. Electrical distribution system. 2,343,216; Feb. 29.

Frank, William H., and E. T. Platz, assignors to Bulldog Electric Products Company, Detroit, Mich. Multipolar circuit breaker. 2,343,612; Mar. 7.

Frank, William H., and L. E. Fisher, assignors to Bulldog Electric Products Company, Detroit, Mich. Electrical distribution system. 2,350,601; June 6.

Frank, William B., Moline, Ill., assignor to Minneapolis-Moline Power Implement Company, Minneapolis, Minn. Rear wheel mounting for plows. 2,353,659; July 18.

Frankel, Jack, Brooklyn, N. Y. Automatic grip for life saving devices. 2,339,328; Jan. 18.

Frankel, Leo, Chicago, Ill. Projector. 2,354,679; Aug. 1.

Frankel, Leo, and U. R. Furst, Chicago, Ill.; said Furst assignor to said Frankel. Camera. 2,358,323; Sept. 19.

Frankel, Max, Brookline, and I. Zaisky, assignors to Frankel & Smith, Inc., Boston, Mass. Hair curler. 2,364,895; Dec. 12.

Frankel, Pearl, Long Beach, N. Y. Ornament. 2,352,529; June 27.

Frankel & Smith, Inc. (See Frankel, M., and Zatsky, assignors.)

Frankel, Wm. Walter, et al., trustee. (See Sell, H. A., and Cole, assignors.)

Frankenberg Bros., Inc. (See Klein, Clarence F., assignor.)

Frankenberg Bros., Inc. (See Scott, Arthur L., assignor.)

Frankenfield, Titus E., assignor to Schwitzer-Cummins Company, Indianapolis, Ind. Fluid sealing device. 2,365,065; Dec. 12.

Frankenstein, William P., Cincinnati, Ohio. Carton. 2,365,261; Dec. 19.

Frankfort Distilleries, Incorporated. (See Hoff, Jacob C., assignor.)

Franklin, Albert W., New York, N. Y. Mounting device. 2,354,748; Aug. 1.

Franklin, Albert W., New York, N. Y. Cathode ray tube socket. 2,359,634; Oct. 3.

Franklin Glass Corporation. (See Pasquier, Arthur L., assignor.)

Franklin, Joe L., Jr. (See Davis, C. R. Savelli, and Franklin.)

Franklin, John J., Glenside, assignors to Proctor & Schwartz, Incorporated, Philadelphia, Pa. Siftings collector for endless belt conveyers. 2,343,762; Mar. 7.

Franklin, William B. (See Draeger, A. A., and Franklin.)

Franklin, William B. (See Smith, D. A., and Franklin.)

Franks, John M., Joplin, Mo. Truck body mount. 2,363,172; Nov. 21.

Franks Manufacturing Company. (See Masek, Adolph E., assignor.)

Franks Manufacturing Corporation. (See Woody, W. B and Scott, assignors.)

Franks, Russell, Niagara Falls, N. Y., assignor to Electro Metallurgical Company. Producing cold rolled steel structural members. 2,358,799; Sept. 26.

Franks, Russell, and W. O. Binder, Niagara Falls, N. Y., assignors to Electro Metallurgical Company. Melting magnesium. 2,357,885; Sept. 12.

Frankwich, Alexander C., and G. A. Seeley, Baltimore, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Article assembly apparatus. 2,351,116; June 13.

Frantz, Paul E., Euclid, assignor to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Washing machine. 2,359,836; Oct. 10.

Frantz, Walter A., Shaker Heights, assignor to the Apex Electrical Manufacturing Company, Cleveland, Ohio. Pump for washing machines. 2,357,644; Sept. 5.

Franwick, Edmond J. (See Pryor, W. J., and Franwick.)

Franz, Anselm, and S. Decher, Dessau, Germany; vested in the Alien Property Custodian. Adjustable reaction nozzle. 2,342,262; Feb. 22.

Franz, Ehrhart, Leipzig, Germany; vested in the Alien Property Custodian. Making yarn. 2,356,574; Aug. 22.

Franz, Erwin E. (See Craddock, G. V., and Franz.)

Franz, Erwin E., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Coil unit. 2,339,067; Jan. 11.

Franz, Erwin E. Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. 2,347,820; May 2.

Franz, Erwin E., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Strand handling apparatus. 2,348,798; May 16.

Franz, Erwin E., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Cleaning apparatus. 2,364,704; Dec. 12.

Franz, Henry H. (See Stewart, R. J., and Franz.)

Franz, Raymond A., Springfield, Pa., assignor to The United Gas Improvement Company. Stabilization of vinyl compounds. 2,361,538; Oct. 31.

Franz, Walter. (See Martin, H., and Franz.)

Franzl, Christian J., Miami, Fla. Glove. 2,343,449; Mar. 7.

Frasch, Jean, Clichy, France; vested in the Alien Property Custodian. Protection of magnesium-base metals. 2,338,924; Jan. 11.

Frasch, Jean, Clichy, France; vested in the Alien Property Custodian. Cathodic treatment of metals. 2,356,575; Aug. 22.

Frasch, Jean, Clichy, France; vested in the Alien Property Custodian. Protecting articles made of light metals. 2,364,964; Dec. 12.

Fraser, Charles E. (See Kayser, Nicholas J., assignor.)

Fraser, Charles E., Kew Gardens, N. Y. Cleaner with double wash water box. 2,346,215; Apr. 11.

Fraser, Charles E., Kew Gardens, N. Y. Filter cleaner with bed settling chamber. 2,346,216; Apr. 11.

Fraser, Charles E., Kew Gardens, N. Y. Filtering apparatus and method. 2,350,160; May 30.

Fraser, Charles E., Kew Gardens, N. Y. Weighted box seal for sand cleaners. 2,357,945; Sept. 12.

Fraser Furnace Company. (See Fraser, Richard E., assignor.)

Fraser, Harold M., and T. A. Maxwell, assignors to International Lubricant Corporation, New Orleans, La. Lubricating composition. 2,354,252; July 25.

Fraser, Harold M., and T. A. Maxwell, assignors to International Lubricant Corporation, New Orleans, La. Stabilization of lubricating greases against oxidation. 2,361,391; Oct. 31.

Fraser, John H., Hamilton, Ontario, Canada. Work clamp. 2,349,087; May 16.

Fraser, Richard E., assignor to Fraser Furnace Company, Stockton, Calif. Air heating furnace. 2,345,559; Apr. 4.

Fraser, Walter B., Saint Augustine, Fla. Antiaircraft projectile. 2,339,921; Jan. 25.

Fraser, Warren F., Westboro, Mass. Feeding mechanism for grinding machines. 2,338,631; Jan. 4.

Fraser, Warren F., Westboro, Mass. Grinding machine. 2,345,189; Mar. 28.

Fraser, Warren F., Westboro, Mass. Grinding machine. 2,357,584; Sept. 5.

Fraser, William, Mariners Harbor, Staten Island, and J. M. Sloane, Westerleigh, Staten Island, N. Y. Device for storing and discharging life rafts, boats, or other articles. 2,350,344; June 6.

Frater, Gordon G., assignor to G. B. Lewis Company, Watertown, Wis. Surfacing wood. 2,346,131; Apr. 11.

Fratt, Harry C., Norristown, Pa. Reel supporting means. 2,361,189; Oct. 24.

Frauenfelder, Herman. (See Walker, C. G., and Frauenfelder.)

Fray Machine Tool Co. (See Richards, James H., assignor.)

Frayne, John G., Pasadena, Calif., assignor to Western Electric Company, Incorporated. Control system for sound films. 2,342,395; Feb. 22.

Frazer, Guy W., Topeka, Kans. Combination display and liquid perfume or deodorant indicator. 2,364,843; Dec. 12.

Frazer, Horace S., et al., trustee. (See Abbott, P. D., and Graney, assignors.)

Frazer-Nash, A. G., Tolworth, England. Servomechanism of the hydraulic type. 2,361,934; Nov. 7.

Frazer-Nash, Archibald G., Tolworth, England. Gun mounting. 2,347,406; Apr. 25.

Frazer-Nash, Archibald G., and G. K. Hills, Tolworth, England. Bending and shaping apparatus. 2,342,534; Feb. 22.

Frazer-Nash, Archibald G., Tolworth, and S. R. Proctor, Almondesbury, England. Motion transmitting and coordinating means. 2,347,900; May 2.

Frazier, Elmer D., Galton, Ill. Corn planter. 2,338,632; Jan. 4.
Frazier, Guy I., et al. (See Foster, Sampson D., assignor.)
Frazier, Radford K., Towson, Md., assignor to Bendix Aviation Corporation, South Bend, Ind. Variable capacitor. 2,344,689; Mar. 21.
Frazier, Radford K., Baltimore, Md., assignor to Bendix Aviation Corporation, South Bend, Ind. Vibration indicator. 2,361,349; Oct. 24.
Frearson, Thomas B. (See Jackson, T., Finlayson, and Frearson.)
Frech, Theodore W., Cleveland, Ohio, assignor to General Electric Company. Starting control for electric discharge devices. 2,353,660; July 18.
Fredcraft Corporation. (See Bailhe, George, assignor.)
Fredo, Charles F., University City, Mo., assignor to General Steel Castings Corporation, Granite City, Ill. Railway truck structure. 2,354,309; July 25.
Fredo, Charles F., University City, and E. C. Jackson, Clayton, Mo., assignors to General Steel Castings Corporation, Granite City, Ill. Railway truck. 2,365,692; Dec. 26.
Fredendall, Gordon L., Westmont, N. J., assignor to Radio Corporation of America. Wide band amplifier. 2,356,308; Aug. 22.
Fredendall, Gordon L., Westmont, and A. C. Schroeder, Camden, N. J., assignors to Radio Corporation of America. Synchronization of deflecting circuits. 2,344,810; Mar. 21.
Fredericks, Georg G., Kassel-Brasselsberg, Germany; vested in the Alien Property Custodian. Gear shaping machine. 2,364,065; Dec. 5.
Frederick Iron and Steel Company. (See Brice, Albert L., assignor.)
Frederick, Jean R., Emporium, Pa. Micrometer master gauge. 2,345,591; Apr. 4.
Frederick, Kenneth L., Berwyn, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Selective switch. 2,339,472; Jan. 18.
Frederick, Kenneth L., Berwyn, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone system. 2,346,915; Apr. 18.
Frederick, Oscar C., Springfield, Pa., assignor to General Electric Company. Welding apparatus. 2,358,155; Sept. 12.
Fredericksen, George H., et al. (See Bruen, George C., assignor.)
Fredericksen, James P., Wollaston, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe sewing machine. 2,360,486; Oct. 17.
Fredericksen, James P., Quincy, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe sewing machine. 2,361,279; Oct. 24.
Fredericksen, James P., Quincy, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Rounding machine. 2,363,124; Nov. 21.
Frederickson, Clayton E., Chicago, Ill. Hydraulic brake. 2,346,833; Apr. 18.
Frederickson, Peter, Dannebrog, Nebr. Weeding machine. 2,342,134; Feb. 22.
Fredrickson, William H., assignor to Le Conie Stiles, Seattle, Wash. Apparatus for icing bakery goods. 2,348,800; May 16.
Fredheim, Henry M., Midlothian, Ill. Automobile door and window lock. 2,354,169; July 18.
Fredriksen, Fred, Chicago, Ill. Safety device for fire extinguishers. 2,341,708; Feb. 15.
Fredriksen, Fred, Chicago, Ill. Safety seal for fire extinguishers. 2,346,741; Apr. 18.
Free, Gerhard. (See Michael, W., Gohre, Free, von Fuener, and Schneider.)
Free, Gerhard. (See Pier, M., and Free.)
Free, Gerhard, and W. v. Füner, Ludwigshafen-on-the-Rhine, Germany; vested in the Alien Property Custodian. Manufacture of nonknocking motor fuels from liquid hydrocarbons by catalytic cracking. 2,343,450; Mar. 7.
Free, Gerhard, W. v. Fuener, Ludwigshafen-on-the-Rhine, and O. Goehre, Heidelberg, Germany; vested in the Alien Property Custodian. Catalytic cracking of hydrocarbon oils. 2,356,576; Aug. 22.
Freed, Jean. (See Freed, Zena and J.)
Freed, Samuel, Danbury, Conn. Tire tool. 2,340,586; Feb. 1.
Freed, William V., and F. K. Signaigo, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Catalytic hydrogenation of nitro compounds. 2,344,244; Mar. 14.
Freed, Zena and J., New York, N. Y. Garment and bust supporting lining therefor. 2,341,032; Feb. 8.
Freedman, Abner L., Brookline, Mass. Combination binder of tapes with buttonholes. 2,343,142; Feb. 29.
Freedman, Benjamin H., Asbury Park, N. J. Ticket issuing machine. 2,361,392; Oct. 31.
Freedman-Burnham Engineering Corporation. (See Freedman, G. L., and Burnham, assignors.)
Freedman, Gordon L., and W. E. Burnham, assignors to Freedman-Burnham Engineering Corporation, Cincinnati, Ohio. Propeller. 2,350,345; June 6.
Freedman, Louis, Mount Vernon, N. Y., assignor to U. S. Vitamin Corporation. Vitamin and mineral composition. 2,359,413; Oct. 3.
Free-For-All, Inc. (See Lesser, Murray, assignor.)
Freeland Spool and Bobbin Corp. (See Rosendale, William R., assignor.)
Freelander, Harry A., Pittsburgh, Pa. Copy slide rule. 2,359,837; Oct. 10.
Freeman, Albert E., South Orange, N. J., assignor to American Telephone and Telegraph Company. Conductor laying machine. 2,345,929; Apr. 4.
Freeman, Alpheus J., assignor to Freeman, Incorporated, Chicago, Ill. Manufacture of casings. 2,340,961; Feb. 8.
Freeman, Benjamin W. (See Freeman, L. G., Jr., and Knight, assignors.)
Freeman, Benjamin W., Cincinnati, Ohio. Ornamenting machine. 2,352,831; July 4.
Freeman, George A., East Orange, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Discharge lamp starting circuit. 2,351,499; June 13.
Freeman, Harold A., assignor to Wingfoot Corporation, Akron, Ohio. Curing tires. 2,340,264; Jan. 25.
Freeman, Harry, et al. (See Seney, James C., assignor.)
Freeman, Harry H., Teddington, England. Stop for lathes. 2,349,159; May 16.
Freeman, Henry G., Granite City, Ill. Ladle for molten metal and sealing closures therein. 2,348,199; May 9.
Freeman, Incorporated. (See Freeman, Alpheus J., assignor.)
Freeman, Isadore E., et al. (See Seney, James C., assignor.)
Freeman, Louis G., Jr., Cincinnati, Ohio, and C. S. Knight, Brockton, Mass., assignors to B. W. Freeman, Cincinnati, Ohio. Die assembly. 2,348,799; May 16.
Freeman, Nathaniel H., assignor to Helena Rubinstein, Inc., New York, N. Y. Lipstick display and sample cabinet. 2,362,367; Nov. 7.
Freeman, Richard D., assignor to The Dow Chemical Company, Midland, Mich. Polymerization in metal molds. 2,348,677; May 9.
Freeman, Richard D., and R. C. Anthonisen, assignors to The Dow Chemical Company, Midland, Mich. Recovery of water-soluble salts of carboxyalkyl cellulose. 2,351,258; June 13.
Freeman, Robert L., Flushing, N. Y., assignor to Hazeltine Corporation. High-frequency signal-translating stage. Re. 22,576; Dec. 12.
Freeman, Walter E., Clayton, assignor to Wagner Electric Corporation, St. Louis, Mo. Slack adjuster. 2,347,186; Apr. 25.
Freeman Walter R., Clayton, assignor to Wagner Electric Corporation, St. Louis, Mo. Slack adjuster. 2,348,734; May 16.
Freeman, Walter R., Clayton, assignor to Wagner Electric Corporation, St. Louis, Mo. Valve construction. 2,349,416; May 23.
Freeman, Walter R., Clayton, assignor to Wagner Electric Corporation, St. Louis, Mo. Cam-actuated brake. 2,351,114; June 13.
Freeman, Walter R., Clayton, and C. B. Fites, St. Johns, assignors to Wagner Electric Corporation, St. Louis, Mo. Oil and water separating system for association with air compressors. 2,361,393; Oct. 31.
Freeman, Walter R., Clayton, and C. B. Fites, St. Johns, assignors to Wagner Electric Corporation, St. Louis, Mo. Separator. 2,361,394; Oct. 31.
Freeport Sulphur Company. (See Hills, Robert C., assignor.)
Freer, Phelps M., Detroit, Mich. Brake. 2,341,915; Feb. 15.
Freer, Phelps M., Detroit, Mich. Brake. 2,344,690; Mar. 21.
Freer, Phelps M., Detroit, Mich. Brake. 2,344,691; Mar. 21.
Freer, Phelps M., Detroit, Mich. Brake. 2,346,480; Apr. 11.
Freer, Phelps M., Detroit, Mich. Brake. 2,348,534; May 9.
Freer, Phelps M., Detroit, Mich. Brake. 2,348,893; May 16.
Fregeolle, Donat. (See St. Pierre, E., and Fregeolle.)
Fregeolle, Donat H. (See St. Pierre, E., and Fregeolle.)
Fregeolle, Oscar, assignor to Hemphill Company, Central Falls, R. I. Cam for knitting machines. 2,340,049; Jan. 25.
Fregeolle, Oscar, assignor to Hemphill Company, Central Falls, R. I. Knitting. 2,360,668; Oct. 17.
Fregeolle, Oscar, assignor to Hemphill Company, Central Falls, R. I. Method and machine for knitting. 2,361,280; Oct. 24.
Fregeolle, Oscar, Central Falls, and I. H. C. Green, Pawtucket, assignors to Hemphill Company, Central Falls, R. I. Knitting machine and method. 2,345,664; Apr. 4.
Frei, Jack E. (See Gilbert, H. W., Deichmann, and Frei.)
Frei, Jost. (See Graenacher, C., and Frei.)
Frei, Jost. (See Graenacher, C., Sallmann, Albrecht, and Frei.)
Freimann, Andrew C., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,350,886; June 6.
Freimark, Leopold, New York, N. Y. Shearing machine. 2,360,557; Oct. 17.
Freis, Frederick M., Chicago, assignor to Conlon Corporation, Cicero, Ill. Ironing machine. 2,346,374; Apr. 11.

Freis, Frederick M., Chicago, assignor to Conlon Corporation, Cicero, Ill. Ironing machine. 2,365,542; Dec. 19.
Freitag, Joseph. (See Eavai, O. E., and Freitag.)
Freitag, Reinhold, Stuttgart-Unterturkheim, Germany; vested in the Alien Property Custodian. Arrangement for adjusting the blades of opposite rotating air propellers. 2,338,420; Jan. 4.
Freitag, Reinhold, Stuttgart-Unterturkheim, and W. Stoeckicht, Solln, near Munich, Germany; vested in the Alien Property Custodian. Engine starting apparatus. 2,344,083; Mar. 14.
Frejacques, Jean L. M., Paris, France; vested in the Alien Property Custodian. Fuel for motor vehicles. 2,357,184; Aug. 29.
Fremlin, John H., London, England, assignor to International Standard Electric Corporation, New York, N. Y. High-frequency electron discharge apparatus. 2,338,237; Jan. 4.
Fremlin, John H., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Electron discharge apparatus. 2,342,263; Feb. 22.
French, Fred A., Norwalk, Ohio. Shotgun shell adapter. 2,352,476; June 27.
French, Henry C., Elm Grove, assignor to The Heil Co., Milwaukee, Wis. Steering mechanism for two-wheeled tractors or the like. 2,361,935; Nov. 7.
French, Henry C., Elm Grove, assignor to The Heil Co., Milwaukee, Wis. Steering mechanism for two-wheeled tractors or the like. 2,362,262; Nov. 7.
French, Henry C., Elm Grove, Wis., and R. T. Hendrickson, Chicago, Ill.; said French assignor to the Heil Co., Milwaukee, Wis. Wheel and axle assembly. 2,348,801; May 16.
French, Henry C., Elm Grove, and G. J. Storatz, Wauwatosa, assignors to The Heil Co., Milwaukee, Wis. Road machine track frame mounting. 2,357,511; Sept. 5.
French, James W., assignor to Barr and Stroud, Limited, Anniesland, Glasgow, Scotland. Gun sight. 2,360,768; Oct. 17.
French, Louis O., Milwaukee, Wis. Fuel injection apparatus. 2,346,160; Apr. 11.
French, Louis O., Milwaukee, Wis. Fuel pump. 2,347,551; Apr. 25.
French Oil Mill Machinery Company, The. (See Stacy, Thomas F., assignor.)
French Oil Mill Machinery Company, The. (See Stacy, T. F., and Stewart, assignors.)
French Oil Mill Machinery Company, The. (See Stewart, Joseph E., assignor.)
French, Thomas, & Sons, Ltd. (See Gibbons, Edwin J., assignor.)
French, Thomas, & Sons, Ltd. (See Harris, Jorn D., assignor.)
French, Willard C. (See Nichols, E. C., and French.)
Frenkel, Gustav A., Oakland, assignor to Shell Development Company, San Francisco, Calif. Plastic pelleting machine. 2,341,213; Feb. 8.
Freudenberg, Werner. (See Lee, J., and Freudenberg.)
Freuler, Herbert C., Orinda, assignor to Union Oil Company of California, Los Angeles, Calif. Modified lubricating oil. 2,364,283; Dec. 5.
Freuler, Herbert C., Orinda, assignor to Union Oil Company of California, Los Angeles, Calif. Modified lubricating oil. 2,364,284; Dec. 5.
Freund, Dr. Robert R. (See Drexler, C., and Morgan, assignors.)
Freund, Ernest, New York, N. Y., and F. Deutsch, Rechoboth, Palestine. Treatment of cellulose acetate films. 2,353,023; July 4.
Freund, Harry, Chicago, Ill., assignor to United Wall Paper Factories, Inc. Packaging of wallpapering material. 2,345,190; Mar. 28.
Freund, Morris, Cleveland, Ohio, assignor, by mesne assignments, to J. C. Lincoln, Scottsdale, Ariz. Spring unit for spring cushions. Re. 22,495; June 13.
Freundlich, Albert, assignor to Spiral Binding Company, Inc., New York, N. Y. Bookbinder. 2,355,214; Aug. 8.
Frey, Delton R. (See Prutton, C. F., Smith, and Frey.)
Frey, Charles N. (See Gore, H. C., and Frey.)
Frey, Charles N. (See Light, R. F., Kothe, and Frey.)
Frey, Charles N. (See Schultz, A. S., Atkin, and Frey.)
Frey, Charles N., Scarsdale, and G. E. Miller, Bronx, assignors to Standard Brands Incorporated, New York, N. Y. Treatment of egg substance and resulting product. 2,358,324; Sept. 19.
Frey, Christopher J., Forest Hills, N. Y. Engine mount. 2,355,370; Aug. 8.
Frey, Frederick E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Gasoline manufacture. 2,345,802; Apr. 4.
Frey, Frederick E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Converting hydrocarbons. 2,347,256; Apr. 25.
Frey, Frederick E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Treatment of hydrocarbon materials. 2,347,945; May 2.
Frey, Frederick E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Hydrocarbon conversion process. 2,348,802; May 16.
Frey, Frederick E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Separating hydrocarbons. 2,356,986; Aug. 29.
Frey, Frederick E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Treatment of hydrocarbons to produce valuable products. 2,362,196; Nov. 7.
Frey, Frederick E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Separating hydrocarbons. 2,363,782; Nov. 28.
Frey, Frederick E., and R. D. Snow, Bartlesville, Okla., and W. F. Huppke, Lomida, Calif., assignors to Phillips Petroleum Company. Converting hydrocarbons. 2,349,160; May 16.
Frey, Frederick E., and H. J. Hepp, Bartlesville, Okla., assignors to Phillips Petroleum Company. Producing hydrocarbons. 2,350,501; June 6.
Frey, Frederick E., and R. D. Snow, Bartlesville, Okla., assignors to Phillips Petroleum Company. Concentrating diolefins. 2,356,840; Aug. 29.
Frey, Henry, Kingston, Pa. Manufacturing textile yarn. 2,361,999; Nov. 7.
Frey, Hugo. (See Reichstein, Tadeus, and Frey.)
Freygang, Gustav G., Weehawken, assignor to Specialties Manufacturing Company, Inc., Bloomfield, N. J. Sealing gasket for syphon bottles and the like. 2,344,985; Mar. 28.
Freyn Engineering Company. (See Fox, G., Callow, and Bigelow, assignors.)
Freytag, Adolf. (See Fischer, H., and Freytag.)
Friang, Henry G. (See Anthony, H. R. C., and Friang.)
Friar, Walter G., Los Angeles, Calif. Sextant. 2,338,325; Jan. 4.
Frick, Charles E., et al. (See Jensen, James A., assignor.)
Frick Company. (See Good, Daniel F., assignor.)
Frick, Frederick F., Anaconda, Mont., assignor to Anaconda Copper Mining Company. Beneficiation of vanadium compounds. 2,357,466; Sept. 5.
Frick, William H. (See Moecker, H., Jr., Frick, Mecham, and White.)
Frickey, Royal E., San Francisco, Calif. Preheater. 2,356,393; Aug. 22.
Frid, Eric M., Malung, Sweden. Device for rolling rods of veneer and the like. 2,353,957; July 18.
Friday, Paul D., Portland, Oreg. Packing tray. 2,351,754; June 20.
Friden Calculating Machine Co. Inc. (See Allen, Philip H., assignor.)
Friden Calculating Machine Co., Inc. (See Dennis, Adolphus S., assignor.)
Friden Calculating Machine Co. (See Friden, Carl M., assignor.)
Friden Calculating Machine Co. (See Friden, C. M., and Moody, assignors.)
Friden Calculating Machine Co. (See Machado, Anthony B., assignor.)
Friden Calculating Machine Co. (See Moody, John L., assignor.)
Friden, Carl M., Pleasanton, Calif., assignor to Friden Calculating Machine Co., Inc. Calculating machine. 2,352,376; June 27.
Friden, Carl M., Pleasanton, and J. L. Moody, Oakland, Calif., assignors to Friden Calculating Machine Co., Inc. Calculating machine. 2,346,834; Apr. 18.
Fridolph, Annette, New York, N. Y. Traveling case. 2,343,763; Mar. 7.
Fridolph, Annette, New York, N. Y. Bandage and making same. 2,348,119; May 2.
Fridolph, Maude C., New York, N. Y. Pantie construction. Re. 22,583; Dec. 26.
Fried, Jacob, Lakewood, Ohio. Automatic film rewind switch. 2,359,724; Oct. 3.
Friedell, Morley Y., El Cerrito, Calif. Valve. 2,341,709; Feb. 15.
Frieder, Leonard P., Rockville Center, and W. S. Finken, Brooklyn, N. Y.; said Finken assignor to said Frieder. Parachute. 2,365,184; Dec. 19.
Friedlaender, Ernest, assignor to H. A. Todd and R. A. Sloman, Detroit, Mich. Army stretcher. 2,348,210; May 9.
Friedlaender, William V., and N. C. Ludwig, Chicago, Ill., assignors to The Atlas Lumnite Cement Company. Protective cement coating. 2,339,163; Jan. 11.
Friedler, Max H., Lewiston, Maine. Cardboard cover for wire coat hangers. 2,341,607; Feb. 15.
Friedman, Bernard S., and R. F. Stedman, assignors to Universal Oil Products Company, Chicago, Ill. Separation of an unsaturated hydrocarbon from a mixture containing the same. 2,363,309; Nov. 21.
Friedman, Helen D. (See Friedman, Mischa, assignor.)
Friedman, Mischa, assignor to H. D. Friedman, Los Angeles, Calif. Baby cover. 2,345,592; Apr. 4.
Friedman, Samuel, et al. (See Partridge, William H., assignor.)
Friedman, Samuel, Brooklyn, N. Y. Fur cleaning apparatus. 2,350,025; May 30.
Friedman, Samuel, Brooklyn, N. Y. Machine for cleaning fur. 2,351,198; June 13.
Friedman, William. (See Schlieben, E. W., and Friedman.)
Friedrichsen, Wilhelm, Ludwigshafen-on-the-Rhine, Germany; vested in the Alien Property Custodian. Producing diolefins. 2,361,539; Oct. 31.
Friel, James C., New York, N. Y. Hone type safety razor. 2,359,028; Sept. 26.
Friel, Lester D. (See Sardeson, R., Friel, and Dye, H. M. and G. M.)

Friend, David H., Cleveland, Ohio. Antiaircraft shell insert. 2,341,212; Feb. 8.
Friend, James M., and F. Richardson, assignors to The Walker T. Dickerson Company, Columbus, Ohio. Insole for shoes. 2,365,633; Dec. 19.
Friend, Lloyd L., Jr. Pittsburgh, Pa. Luminescent lamp mounting. 2,365,812; Dec. 26.
Fries, Gustav, Berlin-Charlottenburg, Germany; vested in the Alien Property Custodian. Copying sound events taken in amplitude records. 2,342,464; Feb. 22.
Fries, Jacob, Jr., Chicago, Ill. Expander. 2,352,703; July 4.
Friese Gustav, Berlin-Charlottenburg, Germany; vested in the Alien Property Custodian. Apparatus for unwinding and winding up endless films. 2,338,421; Jan. 4.
Frimel, Hobart F., West Los Angeles, Calif., assignor to Interstate Aircraft and Engineering Corp. Hydraulic pump. 2,349,161; May 16.
Frink, Frederick W., New York. N. Y. Cathode ray oscilloscope observation and recordation. 2,344,296; Mar. 14.
Frink, Frederick W., New York, N. Y. Remote control system for station selection. 2,364,285; Dec. 5.
Frisbie, Marshall H., Hamden, assignor to The A. C. Gilbert Company, New Haven, Conn. Worm drive toy locomotive. 2,348,616; May 9.
Frisby, Floyd J. (See Babcock, D. L., and Frisby.)
Frisch, Martin, assignor to Foster Wheeler Corporation, New York, N. Y. Vapor generator. 2,343,895; Mar. 14.
Frisch, Martin, assignor to Foster Wheeler Corporation, New York, N. Y. Apparatus for purifying steam. 2,343,897; Mar. 14.
Frisch, Wayne R., Pittsfield, and C. W. Crew, Dalton, Mass., assignors to General Electric Company. Insulation for magnetic steel and the like. 2,364,436; Dec. 5.
Frische, Carl A. (See Esval, O. E., and Frische.)
Frische, Carl A., Great Neck, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Balanced valve structure. 2,362,476; Nov. 14.
Frische, Carl A., Leonia, and O. E. Esval, Allendale, N. J., assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Servo mechanism. 2,348,211; May 9.
Frishette, Stanton, Detroit, Mich. Reamer. 2,355,965; Aug. 15.
Frischknecht, Ernest. (See May, H. F., Bush, and Frischknecht.)
Frischknecht, Ernest, Jackson Heights, assignor to The Teleregister Corporation, New York, N. Y. Indicating device. 2,363,056; Nov. 21.
Fristensky, Peter. (See Shepe, L. J., Bolsclair, Cooper, and Fristensky.)
Fritsch, William J., Marshalltown, Iowa, assignor to Phillips Petroleum Company. Antibuzz regulator. 2,340,952; Feb. 8.
Fritz, Dwain E., Wapakoneta, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Delayed-start connection for electric motors. 2,363,310; Nov. 21.
Fritz, James H., Montclair, and E. A. Robinson, Chatham, assignors to National Oil Products Company, Harrison, N. J. Reversible emulsion and application therefor. 2,347,178; Apr. 25.
Fritzinger, George H., assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Nonspill vent means. 2,345,288; Aug. 8.
Frixione, Pedro A., San Martin, Argentina. Paper sack. 2,339,068; Jan. 11.
Friz, Adolf, Stuttgart-Bad Cannstatt, Germany; vested in the Alien Property Custodian. Veneering press. 2,348,803; May 16.
Friz, Adolf, Stuttgart-Bad Cannstat, Germany; vested in the Alien Property Custodian. Apparatus for joining veneers. 2,351,946; June 20.
Frock, George. (See Lindsey, R. B., and Frock.)
Froelich, George E., assignor to Hamilton Manufacturing Company, Two Rivers, Wis. Pivotal mounting for draftmen's drawing boards on draftmen's drawing tables. 2,341,537; Feb. 15.
Froelich, George E., assignor to Hamilton Manufacturing Company, Two Rivers, Wis. Draftsman's tracing board. 2,351,031; June 13.
Froelich, George E., assignor to Hamilton Manufacturing Company, Two Rivers, Wis. Adjustable stand for draftsmen or the like. 2,356,924; Aug. 29.
Fröhlich, Alfred. (See Schneider, W., Fröhlich, and Zeh.)
Fröhlich, Alfred, and W. Schneider, Dessau, Germany, assignors to General Aniline & Film Corporation, New York, N. Y. Production of photographic color images. 2,341,372; Feb. 8.
Fröhlich, Alfred, and W. Schneider, Dessau, and G. Willmanns, Wolfen, Kreis Bitterfeld, Germany, assignors to General Aniline & Film Corporation, New York, N. Y. Preparing photographic silver halide emulsions for multicolor photography. 2,343,051; Feb. 29.
Fröhlich, Alfred, and W. Schneider, Dessau, and W. Zeh, Wolfen, Germany, assignors to General Aniline & Film Corporation, New York, N. Y. Production of color photographic images. 2,348,463; May 9.
Fröhlich, Alfred, and W. Schneider, Dessau, Germany, assignors to General Aniline & Film Corporation, New York, N. Y. Production of photographic color images. 2,357,393; Sept. 5.
Fröhlich, Alfred, and W. Schneider, Dessau, Germany, assignors to General Aniline & Film Corporation, New York, N. Y. Photographic emulsion. 2,357,394; Sept. 5.
Fröhlich, Alfred, and W. Schneider, Dessau, Germany, assignors to General Aniline & Film Corporation, New York, N. Y. Photographic emulsion. 2,357,395; Sept. 5.
Frohman, Amson L. (See Shropshire, W. W., and Frohman.)
Frohring, William O., Cleveland Heights, Ohio. Voltage control means. 2,352,621; July 4.
Froid Laboratories, Inc. (See Zoller, H. F., and Geistert, assignors.)
Frojd, Albin G. (See Delahan, E. H., and Frojd.)
Froning, Joseph F., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo dyestuff. 2,362,477; Nov. 14.
Fronmuller, Douglas. (See Rowland, B. W., and Fronmuller.)
Fronmuller, Douglas. (See Rowland, B. W., Fronmuller, and Van den Akker.)
Fronmuller, Douglas, and B. B. Thomas, Appleton, Wis., assignors to The Institute of Paper Chemistry. Sulphonating rosin. 2,348,200; May 9.
Frosch, Carl J., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Polyesters. 2,363,581; Nov. 28.
Frost, Frank L., Jr., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Purifying hydrochloric acid. 2,347,257; Apr. 25.
Frost, Leon J., Niagara Falls, assignor to The Titanium Alloy Manufacturing Company, New York, N. Y. Enameling. 2,347,187; Apr. 25.
Frost, Leon J., and C. H. Commons, Jr., Niagara Falls, assignors to The Titanium Alloy Manufacturing Company, New York, N. Y. Vitreous enameling. 2,339,260; Jan. 18.
Frost, Marvin D. (See Spurlino, P., Goodbar, and Frost.)
Frost, Orley R., Port Huron, Mich. Milking machine. 2,350,602; June 6.
Frost Railway Supply Co., The. (See Endsley, Louis E., assignor.)
Frost, Raymond B. (See Keen, A. W., and Frost.)
Frost, Raymond B., Rutherford, N. J., assignor to United States Rubber Company, New York, N. Y. Application of liquid treating material to strip material. 2,348,289; May 9.
Frost, Roy H., Fresno, assignor of one-fourth to E. J. Harp, Corcoran, one-fourth to L. F. Thornburgh, and one-fourth to H. I. Berg, Fresno, Calif. Self-loading dump truck. 2,362,994; Nov. 21.
Frostling, Ivar A., Boxholm, and E. G. Karlsson, Malexander, Sweden. Clock. 2,348,120; May 2.
Frova, Giovanni, Jackson Heights, N. Y. Vehicle driven pontoon. 2,342,535; Feb. 22.
Frova, Giovanni, Jackson Heights, N. Y. Apparatus for declustering, distributing, and assorting cherries. 2,358,500; Sept. 19.
Frova, Giovanni, Jackson Heights, N. Y. Apparatus for sorting fruits. 2,359,414; Oct. 3.
Frova, Giovanni, Jackson Heights, N. Y. Automatic apparatus for aligning and pitting olives, etc. 2,360,411; Oct. 17.
Frova, Giovanni, New York, N. Y. Fruit pitting and destemming machine. 2,360,412; Oct. 17.
Frova, Giovanni, Jackson Heights, N. Y. Automatic apparatus for feeding, destemming and pitting cherries and other fruits. 2,361,834; Oct. 31.
Frova, John, Jackson Heights, N. Y. Jack or elevator device for vehicles. 2,358,501; Sept. 19.
Fruehauf Trailer Company. (See Reid, Frederick M., assignor.)
Fruh, Arthur W., Chicago, Ill. Burglar alarm control box. 2,353,452; July 11.
Fruin, Charles E., and J. C., Chicago, Ill. Dispenser. 2,351,751; June 20.
Fruin, James C. (See Fruin, Charles E. and J. C.)
Fruit & Produce Packing, Inc. (See Niederauer, Howard H., assignor.)
Fruitman, Charles S., Philadelphia, Pa. Three-dimensional index system. 2,357,320; Sept. 5.
Fründt, Hans J., and W. Schönfeld, Berlin, Germany; vested in the Alien Property Custodian. Fault indicator device for amplifier tubes. 2,345,042; Mar. 28.
Fruth, Hal F. (See Detrick, J. N., and Fruth.)
Fruth, Hal F., Elmhurst, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Testing apparatus. 2,360,944; Oct. 24.
Fry, Benjamin W., University City, assignor to National Vendors, Inc., St. Louis, Mo. Coin-controlled apparatus. 2,361,835; Oct. 31.
Fry & Blackhall, Limited. (See Copeland, E. S., Porter, and Van Wyck, assignors.)
Fry, Clair V., Hudson, Wis., assignor to Brown & Bigelow, St. Paul, Minn. Home treasury kit. 2,359,473; Oct. 3.
Fry, Douglas J. (See Kendall, J. D., and Fry.)
Fry, Lawrence A., Hollywood, Calif., assignor, by mesne assignments, to General Foods Corporation, New York, N. Y. Citrus fruit juice extractor. 2,350,603; June 6.
Fry, Lawrence A., Hollywood, Calif., assignor, by mesne assignments, to General Foods Corporation, New York, N. Y. Fruit cutting and feeding device. 2,362,126; Nov. 7.

Fry, Millard E., assignor to General Motors Corporation, Dayton, Ohio. Domestic appliance. 2,359,983; Oct. 10.
Fry, Samuel R., Wyomissing, assignor to The Narrow Fabric Company, West Reading, Pa. Elastic band, article of wearing apparel embodying the same and their production. 2,351,119; June 13.
Frydman, Emanuel, Liverpool, England, assignor, by mesne assignments, to Automatic Electric Laboratories, Inc., Chicago, Ill. Telephone instrument circuit. 2,350,604; June 6.
Frye, Albert L. (See Dobson, W. M., Frye, and Lentz.)
Frye, Albert L., and W. M. Dobson, Long Beach, assignors to Richfield Oil Corporation, Los Angeles, Calif., Well treating fluid. 2,342,656; Feb. 29.
Frye, Alberta P., Evanston, Ill. Combination skirt and culottes. 2,358,156; Sept. 12.
Fryer, Louis S., Cleveland, and L. E. Lovett, Madison, assignors to Industrial Rayon Corporation, Cleveland, Ohio. Process and apparatus for controlling tension. Re. 22,474; May 9.
Fryer, Louis S., assignor to Industrial Rayon Corporation, Cleveland, Ohio. Manufacturing staple fiber. 2,341,849; Feb. 15.
Fryer, Louis S., Cleveland, and R. F. Bergmann, Lakewood, assignors to Industrial Rayon Corporation, Cleveland, Ohio. Ventilating thread processing apparatus. 2,362,063; Nov. 7.
Fryer, Walter. (See Thom, A. W., and Fryer.)
Fryling, Charles F., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Polymerization of vinyl halides. 2,356,925; Aug. 29.
Fryling, Charles F., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Synthetic rubber composition. 2,360,864; Oct. 24.
Fucci, Nicholas H. (See Ryther, William J., assignor.)
Fuchs, Emanuel, Jersey City, N. J. Shock resistant fluorescent lamp holder. 2,350,105; May 30.
Fuchs, Leopold, North Bergen, N. J. Shedding mechanism for looms. 2,338,633; Jan. 4.
Fuchs, Rudolf, Brunn, Moravia; vested in the Alien Property Custodian. Clutch for automobiles. 2,350,745; June 6.
Fuchs, Walter M., assignor, by mesne assignments, to The Pennsylvania Research Corporation, State College, Pa. Oxidation of coal. 2,338,634; Jan. 4.
Fuchs, Walter M., State College, Pa. Granulated active carbon from bituminous coal. 2,339,742; Jan. 18.
Fuchs, Walter M., State College, Pa. Processing swelling coals for use in by-product ovens. 2,341,861; Feb. 15.
Fuehrer, Jacob, Moodus, Conn. Collapsible building. 2,342,264; Feb. 22.
Fuel Refining Corporation. (See Otto, Carl, assignor.)
Fuerst, Carl C., assignor to Eastman Kodak Company, Rochester, N. Y. Focal plane shutter control. 2,350,026; May 30.
Fuerst, Carl C., assignor to Eastman Kodak Company, Rochester, N. Y. Shutter release mechanism. 2,350,106; May 30.
Fuerst, Carl C., assignor to Eastman Kodak Company, Rochester, N. Y. Camera shutter. 2,356,455; Aug. 22.
Fuerst, Carl C., assignor to Eastman Kodak Company, Rochester, N. Y. Camera shutter. 2,362,546; Nov. 14.
Fuerst, Carl C., assignor to Eastman Kodak Company, Rochester, N. Y. Diaphragm shutter. 2,362,547; Nov. 14.
Fuetterer, Charles T., Cuyahoga Falls, Ohio. Conditioning water. 2,351,259; June 13.
Fuge, Fred T., Fostoria, Ohio. Picture projector. 2,353,888; July 18.
Fuge, Harry B., Elizabeth, N. J., and L. C. Pratt, Baldwin, N. Y. assignors to The Singer Manufacturing Company, Elizabeth, N. J. Brush assembly for dynamo electric machines. 2,343,546; Mar. 7.
Fuglie, Elmer A., assignor to Winona Tool Mfg. Company, Winona, Minn. Boring tool adapted for use in turning toolholders. 2,359,359; Oct. 3.
Fulcher, Gordon S., Chevy Chase, Md., and T. E. Field, assignors to Corhart Refractories Company, Louisville, Ky. Refractory zirconia casting. 2,352,530; June 27.
Fulcher, James N., Vernon, Tex. Air cooler and purifier. 2,356,235; Aug. 22.
Fuldner, Hans. (See Wendlandt, R., Hoffmann, and Fuldner.)
Fulke, Frank L., assignor to Frank Prox Company, Inc., Terre Haute, Ind. Cutter bit and holder therefor. Re. 22,541; Sept. 5.
Fulke, Frank L., assignor to Frank Prox Company, Inc., Terre Haute, Ind. Adjustable joint chain. 2,340,873; Feb. 8.
Fullam, Ernest F. (See Green, H., and Fullam.)
Fullen, Thomas A., Upper Darby Township, Pa. Lathe tool. 2,354,045; Aug. 15.
Fuller, Albert B., assignor to Eastman Kodak Company, Rochester, N. Y. Film advancing assembly. 2,346,070; Apr. 4.
Fuller, Alfred H. (See Cave, H., Fuller, and Le Febvre.)
Fuller, Alfred J., Pawtucket, R. I., assignor to Potter and Johnston Machine Company. Automatic control means for change-speed mechanisms for machine tools. 2,357,396; Sept. 5.
Fuller, Alfred W., Short Hills, N. J., assignor to Consolidated Edison Company of New York, Inc., New York, N. Y. Apparatus for unsoldering gas meter and the like housings. 2,342,045; Feb. 15.
Fuller Brush Company, The. (See Cave, H., Fuller, and Le Febvre, assignors.)
Fuller Brush Company, The. (See Le Febvre, Alfred L., assignor.)
Fuller, Calvin S., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical conductor. 2,349,952; May 30.
Fuller, Calvin S., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Heat-oxygen treated polyamides. 2,364,204; Dec. 5.
Fuller, Calvin S., Chatham, and A. R. Kemp, Westwood, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical conductor. 2,349,951; May 30.
Fuller, Charles E., Dothan, Ala. Door or window mounting. 2,357,397; Sept. 5.
Fuller Company. (See Baker, Albert L., assignor.)
Fuller Company. (See Hornbrook, Philip R., assignor.)
Fuller Company. (See Morrow, Joseph H., assignor.)
Fuller, Edgar L., assignor to L. Burt, Denver, Colo. Dehydrator. 2,357,946; Sept. 12.
Fuller, Ernest W., Shaker Heights, assignor to The Aerotorque Company, Cleveland, Ohio. Control. 2,357,321; Sept. 5.
Fuller, Ernest W., Shaker Heights, assignor to The Aerotorque Company, Cleveland, Ohio. Windshield wiper mechanism. 2,359,553; Oct. 3.
Fuller, Everett H., assignor to Bird & Son, Inc., East Walpole, Mass. Building construction. 2,360,052; Oct. 10.
Fuller, Everett W. (See Snyder, G. H. S., and Fuller.)
Fuller, Everett W., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Mineral oil composition. 2,350,746; June 6.
Fuller, Frank J. (See Flickinger, James C., assignor.)
Fuller, Grady C., Houston, Tex. Guard for ships and the like. 2,365,066; Dec. 12.
Fuller, Hardick F., Portland, Oreg. Electrode holder. 2,358,800; Sept. 26.
Fuller, Harold, Middletown, N. Y., assignor, by mesne assignments, to American Brake Shoe Company. Railroad track equipment. 2,349,259; May 23.
Fuller, Howard M., Saratoga Springs, N. Y. Stroboscopic timing and testing of Diesel and similar engines. 2,344,037; Mar. 14.
Fuller, Joseph C., Newton, Mass. Manufacture of dispensing containers. 2,347,737; May 2.
Fuller Label & Box Company. (See Castor, Wilbur W., assignor.)
Fuller, Leslie L., Edmonton, Alberta, Canada. Gum massaging and tooth polishing appliance. 2,364,205; Dec. 5.
Fuller Manufacturing Company. (See Backus, Thomas, assignor.)
Fuller, Norbert L., Tampa, Fla. Instrument for computing firing data. 2,363,173; Nov. 21.
Fuller, Richard B., New York, N. Y., assignor to The Dymaxion Company, Inc., Wilmington, Del. Building construction. 2,343,764; Mar. 7.
Fuller, Richard B., New York, N. Y.; assignor to The Dymaxion Company, Inc., Wilmington, Del. Building construction. 2,351,419; June 13.
Fullerton, Herbert S., Philadelphia, Pa., assignor to The Baldwin Locomotive Works. Die spotting press. 2,344,692; Mar. 21.
Fullerton, Herbert S., Merion, Pa., assignor to The Baldwin Locomotive Works. Feeding mechanism for briquetting machines. 2,360,487; Oct. 17.
Fullerton, Robert H., assignor to International Photo Copy Inc., St. Paul, Minn. Developer. 2,342,394; Feb. 22.
Fulmer, Charles A., Waukegan, assignor to Automotive Maintenance Machinery Co., North Chicago, Ill. Cylinder grinding tool. 2,345,930; Apr. 4.
Fulmer, Charles A., Waukegan, Ill. Honing machine. 2,353,958; July 18.
Fulton Company, The. (See Thorp, Joel R., assignor.)
Fulton Company, The. (See Thorp, J. R., and Strand, assignors.)
Fulton, David. (See Bertram, E. A., and Fulton.)
Fulton Electric Mfg. Co. (See Nunes, John S.)
Fulton, Katherine C., executrix. (See Fulton, Luther D.)
Fulton, Luther D., deceased, by K. C. Fulton, Titusville, executrix, assignor of one-half to Hammond Iron Works, Warren, Pa., Oil filter. 2,346,018; Apr. 4.
Fulton, Stewart C., Elizabeth, and T. Cross, Jr., Union, N. J., assignors to Standard Oil Development Company. Hydrocarbon treatment. 2,363,858; Nov. 28.
Fulton Sylphon Company, The. (See Cate, Paul E., assignor.)
Fulton Sylphon Company, The. (See Giesler, Jean V., assignor.)
Fulton, Weston M., assignor to W. J. Savage Company, Inc., Knoxville, Tenn. Stoker. 2,361,836; Oct. 31.
Fulton, Wilbur C. (See Hudson, F., and Fulton.)
Fultz, Harry L. (See Findley, R., and Fultz.)
Fumia, Arthur. (See Wildhaber, E., Stewart, and Fumia.)
Funk, Albert H. (See Meunier, L. F., and Funk.)

Funk, Frank A., assignor to American Steel Derrick Company, Tulsa, Oklahoma. Portable derrick. 2,345,253; Mar. 28.

Funk, Julius H., et al. (See Casciani, Romildo, assignor.)

Funk, Russell A., Ferndale, Mich. Electrical connector. 2,339,329; Jan. 18.

Funke, Albert, Edward, Pelham Manor, assignor to John C. Welwood Corporation, New York, N. Y. Narrow fabric package. 2,344,862; Mar. 21.

Funtan, Charles L., Paterson, N. J. Valve structure for steam conducting systems. 2,357,097; Aug. 29.

Fuog, Harry L., Los Angeles, Calif. Antiseikonia determining and measuring device. 2,364,844; Dec. 12.

Furbach, John H., Amarillo, Tex. Stop watch mechanism. 2,355,371; Aug. 8.

Furedy, Frank, assignor to Sun-Kraft, Inc., Chicago, Ill. Ultraviolet ray generator. 2,348,617; May 9.

Furgal, Frank L., Warren, Mass. Sweepstick for looms. 2,353,302; July 11.

Furlong, Francis A., River Forest, assignor to Autogas Company, Chicago, Ill. Humidifier. 2,362,001; Nov. 7.

Furlong, Francis A., Rivert Forest, Ill., assignor to Autogas Company, Chicago, Ill. Incinerator. 2,364,286; Dec. 5.

Furlong, Francis A., and N. C. Penfold, assignors, by mesne assignments, to Autogas Company, Chicago, Ill. Humidifier. 2,358,968; Sept. 26.

Furman, Frank J. (See Mills, A. W., and Furman.)

Furman, Frank J. (See Mills, A. W., Rabenda, Furman, and Keough.)

Furman, Frank J., Endicott, and E. J. Rabenda, Binghamton, assignors to International Business Machines Corporation, New York, N. Y. Printing mechanism. 2,333,173; Jan. 4.

Furnas Electric Company. (See Furnas, W. C., and (Spotts, assignor).)

Furnas, William C., and D. G. Spotts; said Spotts assignor to said W. C. Furnas, doing business as Furnas Electric Company, Batavia, Ill. Magnetic reversing switch. 2,358,568; Sept. 19.

Furr, Frank A., Bellfonte, Pa. Cigarette dispensing device. 2,357,818; Sept. 12.

Fürst, Stefan. (See Reiners, W., and Fürst.)

Fürst, Stefan. (See Reiners, W., Kahlisch, and Fürst.)

Fürst, Stefan, Gladbach-Rheydt, Germany; vested in the Alien Property Custodian. Device for tying thread ends in winding frames or other textile machines. 2,349,953; May 30.

Furst, Ulrich R. (See Frankel, L., and Furst.)

Furstenberg, Siegfried, New York, N. Y. Combination inhaler, cigarette filter, and holder. 2,342,853; Feb. 29.

Fuscaldo, Ottavio, Milan, Italy; vested in the Alien Property Custodian. Electro-magnetic control for injectors or internal-combustion engines. 2,356,577; Aug. 22.

Fusco, Carlo J., assignor of forty-five per cent to B. J. Ellis, San Francisco, and ten per cent to L. H. Eastin, Fresno, Calif. Apparatus for wrapping. 2,354,989; Aug. 1.

Futra Amusement Corporation. (See Eastman, Nathaniel, assignor.)

Fyler, George W., Stratford, Conn., assignor to General Electric Company. Gain control circuits. 2,358,325; Sept. 19.

Fyock, Harry C., Reynolds, Mo. Cooler. 2,355,793; Aug. 15.

G. C. A. Manufacturing Co., The. (See Grinnell, Harold D., assignor.)

G-M Chemical Company. (See Goldberg, S. D., and Rosenberg, assignors.)

G. M. S. Corporation. (See Sloan, Theodore H., assignor.)

Gabel, Glen M., Le Mars, Iowa. Drain valve. 2,350,748; June 6.

Gabel, John, Evanston, assignor to The John Gabel Manufacturing Company, Chicago, Ill. Automatic phonograph. 2,340,418; Feb. 1.

Gabel, John, Manufacturing Company, The. (See Chojnowski, Francis J., assignor.)

Gabel, John, Manufacturing Company, The. (See Gabel, John, assignor.)

Gable, George H., Grass Range, Mont., assignor to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Forage acre factor calculator. 2,358,856; Sept. 26.

Gäbler, Johannes, Stuttgart-Untertürkheim, Germany; vested in the Alien Property Custodian. Aerial for motor vehicles. 2,351,947; June 20.

Gabler, Raymond J. (See Damme, W. O., and Gabler, assignors.)

Gabor, Dennis, Rugby, England. System of photography and projection in relief. 2,351,032; June 13.

Gabor, Dennis, Rugby, England. System of projecting pictures in stereoscopic relief. 2,351,033; June 13.

Gabor, Dennis, Rugby, England. Optical system composed of lenticules. 2,351,034; June 13.

Gabriel Company, The. (See Christofel, Donald L., assignor.)

Gabrielsen, Christian, Belleville, N. J., assignor to Rowe Manufacturing Co., Inc., New York, N. Y. Vending machine. 2,339,391; Jan. 18.

Gaddie, John D., Union City, Tenn. Vegetable washer. 2,346,742; Apr. 18.

Gade, Harcourt F., River Forest, assignor to Joe Ott Manufacturing Co., Chicago, Ill. Toy airplane and its manufacture. 2,344,693; Mar. 21.

Gaenssle, Paul W. (See Eksergian, C. L., and Gaenssle.)

Gaertner, Moritz. (See Klett, Fred F., assignor.)

Gaertner Scientific Corporation. (See Jacobsohn, Samuel J., assignor.)

Gafney, John C., and E. L. Kane, Miami Beach, Fla. Orchard heater. 2,344,403; Mar. 14.

Gage, Fred W. (See Tondreau, A. W., and Gage.)

Gage, Frederick, Akron, Ohio, assignor to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Treatment of pigments. 2,345,191; Mar. 28.

Gage, Gordon, and D. Hughes, Butler, Pa., assignors to The American Rolling Mill Company, Middletown, Ohio. Producing stainless steel sheet or strip stock. 2,340,461; Feb. 1.

Gagne, Antoine F., Jr., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Gauging device. 2,356,236; Aug. 22.

Gagnier, George E. (See Place, Bion C., assignor.)

Gahan, James C., Jr., administrator. (See Miller, Gray, Jr.)

Gahm, Frank, Pasadena, Calif. Transfer and walker device. 2,339,007; Jan. 11.

Gailey, Florence L., Los Angeles, Calif. Tobacco humidifying device. 2,365,185; Dec. 19.

Gaines, Walter S. (See Bodnar, Stephen T., and Gaines.)

Gaines, Walter S. (See Meyers, E. H., and Gaines.)

Gainey, Frank W., Buffalo, N. Y., assignor to Allied Chemical & Dye Corporation. Dyestuff. 2,354,588; July 25.

Gainsley, Sheldon H., Minneapolis, Minn. Toy. 2,352,676; July 4.

Gair, Albert W., Detroit, Mich., assignor to Thompson Products, Incorporated, Cleveland, Ohio. Tip-switch. 2,365,262; Dec. 19.

Gairing, Emil, Detroit, Mich. Metal boring tool. 2,359,474; Oct. 3.

Gaiser, Martin W. (See Wright, M. G., and Gaiser.)

Gaiser, Martin W., Kokomo, Ind., assignor to General Motors Corporation, Detroit, Mich. Testing machine. 2,357,512; Sept. 5.

Gaiser, Martin W., Kokomo, Ind., assignor to General Motors Corporation, Detroit, Mich. Condenser tester. 2,362,691; Nov. 14.

Gaither, Gaut, Hopkinsville, Ky. Manufacture of alumina (metallurgical grade) from highly silicious aluminous ores. 2,356,157; Aug. 22.

Galat, Alexander, assignor to The Denver Chemical Manufacturing Company, New York, N. Y. Reagent for testing for acetone. 2,362,478; Nov. 14.

Galber, Harry. (See Dike, T. W., and Galber.)

Galber, Harry, Seattle, Wash., assignor to I. F. Laucks, Inc., Seattle, Wash. Glue applicator roll. 2,338,635; Jan. 4.

Galea, Loreto, San Francisco, Calif. Plumber's fishing tool. 2,341,435; Feb. 8.

Galen Company. (See Abramson, H. A., and Gorin, assignors.)

Galford, Everett H., Charleston, W. Va. Door seal. 2,365,403; Dec. 19.

Galigher Company, The. (See Thompson, J. W., and Booth, assignors.)

Gallion Iron Works & Manufacturing Company. (See Arndt, Franklin E., assignor.)

Galipo, Ramón A., and F. Salvatierra, Buenos Aires, Argentina. Valve for fuel saving devices. 2,347,946; May 2.

Galkin, Joseph, New York, N. Y. Strip shearing attachment. 2,362,437; Nov. 7.

Gall, Carl, and F. J. Prucha, Omaha, Nebr., assignors to American Smelting and Refining Company, New York, N. Y. Truck for handling pig metal. 2,362,749; Nov. 14.

Gallagher, William P., assignor to International Register Company, Chicago, Ill. Interval timer. 2,354,368; July 25.

Gallagher, William M., Oklahoma City, Okla. Clothes or garment hanger. 2,360,119; Oct. 10.

Gallant, Francis A., assignor to Victory Safety Hammer Corporation, East Orange, N. J. Soft hammer. 2,355,641; Aug. 15.

Gallasch, George B., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Optical instrument. 2,355,910; Aug. 15.

Gallasch, George B., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Optical instrument. 2,365,337; Dec. 19.

Gallimore, Keith F., Fond du Lac, Wis., and G. Langen, Cincinnati, Ohio, assignors of one-half to Giddings & Lewis Machine Tool Co., Fond du Lac, Wis. Table drive for machine tools. 2,343,503; Mar. 7.

Gallimore, Keith F., assignor to Giddings & Lewis Machine Tool Co., Fond du Lac, Wis. Table drive for machine tools. 2,343,504; Mar. 7.

Gallimore, Keith F., and E. K. Morgan, assignors to Giddings & Lewis Machine Tool Co., Fond du Lac, Wis. Work support. 2,360,118; Oct. 10.

Gallaudet, Edson F., Pine Orchard, Conn. Apparatus for impregnating thread. 2,363,783; Nov. 28.

Gallo, Conrad, Brooklyn, N. Y. Drapery. 2,352,531; June 27.

Gallo, Sebastiano, Brooklyn, N. Y. Making shoes. 2,353,396; July 11.

Gallop, Joseph W., East St. Louis, Ill., assignor to Key Company, East St. Louis, Mo. Plug type pipe closure. 2,356,987; Aug. 29.

Gallop, Joseph W., assignor to Key Company, East St. Louis, Ill. Plug type pipe closure. 2,363,406; Nov. 21.

Galloway, Charles D., Wyndmoor, assignor to The Electric Storage Battery Company, Philadelphia, Pa. Plate for storage batteries and producing the same. 2,343,970; Mar. 14.

Galloway, Clarence T., assignor to Gleason Works, Rochester, N. Y. Machine for chamfering gears. 2,343,407; Mar. 7.

Gallowhur and Company. (See Stambovsky, Louis, assignor.)

Gallup, David L., and A. C. Mathieson, assignors to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,340,462; Feb. 1.

Galtney, James P., Birmingham, Ala. Axle and bearing cooler. 2,356,578; Aug. 22.

Galvin Manufacturing Corporation. (See Davis, J. I., and Saunders, assignors.)

Galvin Manufacturing Corporation. (See Holthouse, Harry B., assignor.)

Galvin Manufacturing Corporation. (See Noble, Daniel E., assignor.)

Galvin Manufacturing Corporation. (See Yoder, R. S., and Saunders, assignors.)

Galvin, Stephen L. (See Sternfield, G. L., and Galvin.)

Galvin, Stephen L., North Bergen, N. J., and G. L. Sternfield, New York, N. Y., assignors to Continental Foods, Inc., Hoboken, N. J. Package. 2,357,585; Sept. 5.

Gamache, Armand R. (See Dexter, A. J., and Gamache.)

Gamache, Homer, assignor of one-half to James V. Finaldi, Newark, N. J. Can opener. 2,338,238; Jan. 4.

Gamache, Homer, assignor to Acme Metal Goods Manufacturing Co., Newark, N. J. Peeling implement. 2,351,327; June 13.

Gamache, Homer, assignor to Acme Metal Goods Manufacturing Co., Newark, N. J. Cream whipper. 2,357,886; Sept. 12.

Gamache, Homer, assignor of one-half to J. V. Finaldi, Newark, N. J. Vegetable peeler. 2,362,896; Nov. 14.

Gamble, Elizabeth, Deaconess Home Association, The. (See Schmidt, L. H., and Hughes, assignors.)

Gamel, Lee B., Lemay, Mo. Tire splitting machine. 2,366,404; Dec. 19.

Gamet, Pierre P., Paris, France; vested in the Alien Property Custodian. Aerial system for radio beacons 2,350,747; June 6.

Gamewell Company, The. (See Bridges, Frank R., assignor.)

Gamewell Company, The. (See Weld, Foster E., assignor.)

Ganci, Charles J., New York, N. Y., assignor to Ward Leonard Electric Company. Rheostat. 2,354,808; Aug. 1.

Gandrud, Ebenhard S., Owatonna, Minn. Spreader for fertilizer, seeds, and the like. 2,350,107; May 30.

Gane, Leonard W. (See Cooke, B. A., and Gane.)

Gangemi, Philip, West New Brighton, N. Y. Electric chime on winding clocks. 2,363,859; Nov. 28.

Gann, Raymond L. (See Evans, L. W., and Gann.)

Gannone, Anthony S., Bound Brook, N. J., assignor to Research Corporation, New York, N. Y. Rapping device. 2,340,180; Jan. 25.

Gano, Harlan S., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,340,050; Jan. 25.

Gano, Merritt W., Jr., Denver, Colo. Combined shoe rack and tree. 2,340,463; Feb. 1.

Gans, George R., Brooklyn, N. Y. Ejection opening cover for firearms. 2,341,767; Feb. 15.

Ganson, Howard H., assignor to Hygeia Nursing Bottle Company, Inc., Buffalo, N. Y. Nursing bottle. 2,365,947; Dec. 26.

Ganswein, Paul. (See Vierling, O., and Ganswein.)

Ganteaume, Henri D. A., Newtonville, Mass. Process of and equipment for building concrete ships. 2,364,522; Dec. 5.

Gantt, Jacob P., Rock Hill, S. C. Necktie press. 2,352,427; June 27.

Gantzer, Howard E., Kenmore, N. Y., assignor to Consolidated Packaging Machinery Corporation. Sorting machine. 2,341,373; Feb. 8.

Gantzer, Howard E., Kenmore, assignor to Consolidated Packaging Machinery Corporation, Buffalo, N. Y. Container handling apparatus. 2,346,421; Apr. 11.

Gantzer, Howard E., Kenmore, N. Y., assignor to Consolidated Packaging Machinery Corporation. Container handling apparatus. 2,352,949; July 4.

Gantzer, Howard E., Kenmore, assignor to Consolidated Packaging Machinery Corporation, Buffalo, N. Y. Straight line capping machine. 2,364,523; Dec. 5.

Gans, Géza, London, England. Preparation of artificial masses. 2,355,521; Aug. 8.

Garand, John C., Springfield, Mass. Cartridge clip. 2,338,107; Jan. 4.

Garand, John C., Springfield, Mass. Machine tool feeding mechanism. 2,340,674; Feb. 8.

Garand, John C., Springfield, Mass. Clip loading machine. 2,345,593; Apr. 4.

Garand, John C., Springfield, Mass. Muzzle pressure indicator. 2,347,188; Apr. 25.

Garand, John C., Springfield, Mass. Hammer mechanism. 2,352,191; June 27.

Garbarino, Frank, Waltham, assignor to Lewis-Shepard Company, Watertown, Mass. Portable industrial skid. 2,347,095; Apr. 18.

Garbe, Howard W., Hinsdale, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Assembling apparatus. 2,355,522; Aug. 8.

Garbe, Gustav W., Chicago, Ill. Construction unit. 2,356,309; Aug. 22.

Garbe, Rudolph H., Forest Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Pressure actuated tool. 2,346,297; Apr. 11.

Garberding, Waldo L., Chicago, Ill. Finger stop. 2,340,805; Feb. 1.

Garber, Thomas H., Richmond, assignor to Larus and Brother Company, Inc., Henrico County, Va. Tobacco. 2,353,718; July 18.

Garbisch, Norbert S. (See Bair, George J., assignor.)

Garday, Louis J., Glenview, assignor to Aircraft & Diesel Equipment Corporation, Chicago, Ill. Hydraulic pump. 2,350,502; June 6.

Gardella, Albert B., Cleveland, Ohio. Flag staff structure. 2,362,368; Nov. 7.

Gardenhour, Allen J., Waynesboro, Pa. Fire detector. 2,354,111; July 18.

Gardenier, Clyde B., Belleville, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Trimethylene chlorbromide. 2,352,782; July 4.

Gardes, Alfred W. (See McCord, A. C., and Gardes.)

Gardes, Alfred W., assignor to McCord Radiator & Mfg. Co., Detroit, Mich. Can closure. 2,364,206; Dec. 5.

Gardinor, Elliott W. (See Lewis, W. L., and Gardinor.)

Gardiner, Elmsile W., and G. H. Denison, Jr., Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Compounded oil. 2,347,152; Apr. 18.

Gardiner, Paul C., Scotia, N. Y., assignor to General Electric Company. Amplifying system. 2,354,514; July 25.

Gardiner, William C. (See Peirce, F. T., and Gardiner.)

Gardner, Alexander H., Passaic, N. J., assignor to Collins & Aikman Corporation, Philadelphia, Pa. Dampener mechanism. 2,345,337; Mar. 28.

Gardner, Christopher S. (See Alley, S. E., Gardner, and Alley.)

Gardner, Clair C., Rockford, Ill. Automatic window sash operating mechanism. 2,345,594; Apr. 4.

Gardner, Clark E., Osage, Iowa. Plant pack. 2,340,373; Feb. 1.

Gardner, Clark E., Osage, Iowa. Plant shipping container. 2,341,374; Feb. 8.

Gardner, Cummings, Los Angeles, Calif. Drafting device. 2,358,451; Sept. 19.

Gardner, Daniel, New York, N. Y., assignor to Virginia Metal Industries, Inc. Producing metal combinations or alloys. 2,353,612; July 11.

Gardner, Daniel, New York, N. Y., assignor to Virginia Metal Industries, Inc. Beneficiation of iron ores and recovery of by-product values. 2,353,613; July 11.

Gardner, Daniel, New York, N. Y., assignor to Gardner Thermal Corporation. Electric furnace. 2,353,614; July 11.

Gardner Displays Company. (See Gardner, William M., assignor.)

Gardner Displays Company. (See Gardner, W. M. and M. C., assignors.)

Gardner, Florinda, Los Angeles, Calif. Infant's garment. 2,342,187; Feb. 22.

Gardner, George F., Alplaus, N. Y., assignor to General Electric Company. Zero return for galvanometers. 2,356,579; Aug. 22.

Gardner, George R., Lakewood, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Parting compound. 2,358,157; Sept. 12.

Gardner, Harry F., Snyder, assignor to Certain-teed Products Corporation, New York, N. Y. Plastic composition for wallboard joints. 2,353,822; July 18.

Gardner, Harry F., Snyder, assignor to Certain-teed Products Corporation, New York, N. Y. Hydraulic compositions. 2,358,701; Sept. 19.

Gardner, Herbert F. (See Smith, R. D., and Gardner.)

Gardner, Herbert F., assignor to Stein, Hall Manufacturing Company, Chicago, Ill. Paper coating. 2,355,065; Aug. 8.

Gardner, Jack C., and L. V. Rinker, Baltimore, Md. Storm window, shade, and ventilating unit. 2,359,906; Oct. 10.

Gardner, James G., Caterham, England. Cutting adits in chalk and allied strata. 2,359,213; Sept. 26.

Gardner, Leah L., University City, Mo. Billfold. 2,344,694; Mar. 21.

Gardner, Leah L., University City, Mo. Billfold. 2,350,503; June 6.

Gardner, Mary C. (See Gardner, W. M. and M. C.)

Gardner, Percy, Glen Ridge, N. J., and R. Kagan, Brooklyn, assignors to Lever Bias Machine Corporation, New York, N. Y. Apparatus for forming tubular material. 2,347,901; May 2.

Gardner, Percy, Glen Ridge, N. J., assignor to Lever Bias Machine Corporation, New York, N. Y. Making bias fabric. 2,350,027; May 30.

Gardner-Richardson Company, The. (See Ringler, William A., assignor.)

Gardiner, Robert H., Munster, Ind., assignor to Sinclair Refining Company, New York, N. Y. Process. 2,345,742; Apr. 4.

Gardiner, Roland M., Swampscott, Mass., assignor to Sylvania Electric Products Inc. Lamp sealing apparatus. 2,349,822; May 30.

Gardiner, Stephen A., assignor to Dough-King, Inc., Minneapolis, Minn. Doughnut machine. 2,353,024; July 4.

Gardiner Thermal Corporation. (See Gardiner, Daniel, assignor.)

Gardiner, Wallace W., assignor to De Walt Products Corporation, Lancaster, Pa. Cutting or sawing machine. 2,340,953; Feb. 8.

Gardiner, William M., Pittsburgh, Pa., assignor to Gardner Displays Company. Core for manufacture of fuel tanks. 2,343,005; Feb. 29.

Gardiner, William M. and M. C., Pittsburgh, Pa., assignors to Gardner Displays Company. Display. 2,348,250; May 9.

Gardis, Fritz, Wirges, Westerwald, Germany; vested in the Alien Property Custodian. Preparing ceramic masses. 2,350,749; June 6.

Garfinkle, David, Alameda, Calif. Merchandise display and holding fixture. 2,350,028; May 30.

Garfunkle, Morris H., Newark, N. J. Converting oil-burning furnaces to coal-burning ones. 2,359,635; Oct. 3.

Garin, Alexis N., Pittsfield, Mass., assignor to General Electric Company. Transformer. 2,357,098; Aug. 29.

Garin, Alexis N., Pittsfield, Mass., assignor to General Electric Company. Transformer circuit. 2,358,631; Sept. 19.

Garland, W. L. (See Robertson, M. M., and Douglas, assignors.)

Garland, Edward E., Belleville, N. J. Firearm. 2,341,033; Feb. 8.

Garland, Mather, Mount, Minn. Traffic signal. 2,341,862; Feb. 15.

Garlick, Mark J., Chicago, Ill., assignor to The Challenge Machinery Company, Grand Haven, Mich. Paper boring and slotting machine. 2,356,046; Aug. 15.

Garlinghouse, Leslie H., Los Angeles, Calif. Securing member for rope and cable. 2,364,628; Dec. 12.

Garlock, Frederick G., Chicago, Ill., and J. R. Mull, Gary, Ind., assignors to General American Transportation Corporation, Chicago, Ill. Anchor for tank cars. 2,338,925; Jan. 11.

Garlock, Frederick G., Chicago, Ill., and J. R. Mull, Gary, Ind., assignors to General American Transportation Corporation, Chicago, Ill. Bolster center brace. 2,355,524; Aug. 8.

Garman, George W., Schnectady, N. Y., assignor to General Electric Company. Electric valve circuits. 2,361,846; Oct. 31.

Garman, Robert P., assignor to The Enterprise Manufacturing Company, Akron, Ohio. Fishing reel. 2,360,488; Oct. 17.

Garner, Claude M., University City, assignor to Automatic Control Corporation, St. Louis, Mo. Solenoid valve operator. 2,360,945; Oct. 24.

Garner, Edward, Greet, Birmingham, assignor to Serck Radiators Limited, Birmingham, England. Oil cooler. 2,352,704; July 4.

Garner, Lloyd P., Princeton, N. J., assignor to Radio Corporation of America. Cathode. 2,339,392; Jan. 18.

Garner, Lue O., Memphis, Tenn., assignor to Kennon Mott, Columbus, Ga. Vending machine. 2,338,714; Jan. 11.

Garner, Lue O., Memphis, Tenn., assignor to K. Mott, deceased, Columbus, Ga., J. W. Register, temporary administrator. Vending machine. 2,359,984; Oct. 10.

Garner, Walter, Menston in Wharfedale, assignor of one-half to Lister and Company, Limited, Bradford, Yorkshire, England. Shock-absorbing or cushioning material made from fibrous substances. 2,356,456; Aug. 22.

Garnett, Edward V. (See Garnett, Vactor G. and E. V.)

Garnett, Vactor G. and E. V., Denver, Colo. Independently movable dual wheel construction for vehicles. 2,345,192; Mar. 28.

Garnier, Camille A., Puente, Calif. Wire straightening machine. 2,339,693; Jan. 18.

Garr, Donald E. (See Edwards, M. A., Garr, and Shaad.)

Garr, Donald E. (See Edwards, M. A., Garr, and Weaver.)

Garr, Donald E., Schenectady, N. Y., assignor to General Electric Company. Electrical system. 2,352,619; July 4.

Garr, Donald E., and G. E. Shaad, Schenectady, N. Y., assignors to General Electric Company. Furnace control system. 2,351,420; June 13.

Garrard Engineering & Manufacturing Company, Limited. (See Offen, Francis J., assignor.)

Garraway, George C., Rutherford, N. J. Photographic developing machine. 2,347,189; Apr. 25.

Garraway, George C., Rutherford, N. J. Photographic projector. 2,349,260; May 23.

Garretson, Owen L., Bartlesville, Okla., assignor to Phillips Petroleum Company. Apparatus for testing aircraft engines. 2,340,954; Feb. 8.

Garretson, Owen L., Detroit, Mich., assignor to Phillips Petroleum Company. Variable fuel orifice carburetor. 2,343,451; Mar. 7.

Garretson, Owen L., Detroit, Mich., assignor to Phillips Petroleum Company. Fuel proportioning arrangement. 2,343,765; Mar. 7.

Garrett, Arthur, Bethel, Conn., assignor to Dun & Bradstreet, Inc. Planographic printing plate. 2,363,311; Nov. 21.

Garrett Corporation, Airesearch Manufacturing Company division. (See Burns, Bruce, assignor.)

Garrett Corporation, Airesearch Manufacturing Company division. (See Chapman, James E., assignor.)

Garrett Corporation, Airesearch Manufacturing Company division, The. (See Gill, George H., assignor.)

Garrett Corporation, Airesearch Manufacturing Company division. (See Gill, George H., assignor.)

Garrett Corporation, Airesearch Manufacturing Company division. (See Hannon, Andrew L., assignor.)

Garrett, Elmer E., Rockville Centre, assignor to Ford Instrument Company, Inc., Long Island City, N. Y. Electrical stop mechanism. 2,362,197; Nov. 7.

Garrett, Mamie. (See Harris, John C., assignor.)

Garrison, Allen D. (See Vietti, W. V., and Garrison.)

Garrison, Allen D., Houston, Tex., assignor, by mesne assignments, to The Texas Company, New York, N. Y. Treatment of drilling mud. 2,338,174; Jan. 4.

Garrison, Allen D., Houston, Tex., assignor to Texaco Development Corporation, New York, N. Y. Determination of underground strata. 2,346,481; Apr. 11.

Garrison, Allen D., Houston, Tex., assignor, by mesne assignments, to The Texas Company, New York, N. Y. Treating wells. 2,354,203; July 25.

Garrison, Allen D., Houston, Tex., assignor to Texaco Development Corporation, New York, N. Y. Production of distillate. 2,358,920; Sept. 26.

Garrison, Allen D., Houston, Tex., assignor to The Texas Company, New York, N. Y. Drilling muds. 2,361,760; Oct. 31.

Garrison, Allen D., and K. C. ten Brink, Houston, Tex., assignors, by mesne assignments, to The Texas Company, New York, N. Y. Conditioning of drilling fluids. 2,353,230; July 11.

Garrison, Chester A., Comstock, Mich. Spray device for moistening coated paper. 2,342,536; Feb. 22.

Garrity, Spencer S., Amsterdam, N. Y., assignor to Bigelow-Sanford Carpet Co., Inc., Thompsonville, Conn. Tube frame for Axminster looms. 2,342,265; Feb. 22.

Garrity, Spencer S., Amsterdam, N. Y., assignor to Bigelow-Sanford Carpet Co., Inc., Thompsonville, Conn. Manufacture of Axminster loom tube frames. 2,359,636; Oct. 3.

Garrod, Raymond I. (See Reason, R. E., and Garrod.)

Garside, John I., West Boylston, assignor to Norton Company, Worcester, Mass. Grinding machine-shoulder grinding apparatus. 2,342,554; Feb. 29.

Garside, John I., West Boylston, assignor to Norton Company, Worcester, Mass. External-internal cylindrical grinding machine. 2,352,428; June 27.

Garside, John I., West Boylston, assignor to Norton Company, Worcester, Mass. Grinding machine. 2,356,394; Aug. 22.

Garside, John I., West Boylston, assignor to Norton Company, Worcester, Mass. Grinding machine. 2,360,120; Oct. 10.

Garst, Jonathan, Palo Alto, Calif. Harvester. 2,354,112; July 18.

Garst, Morrison C. (See Obecny, John T., assignor.)

Garstang, William W., Indianapolis, Ind., Waffle iron. 2,358,452; Sept. 19.

Gartin, Elmer G. (See Curtis, J. C., and Gartin.)

Gartin, Elmer G., Claremont, N. H., assignor to Sullivan Machinery Company. Rock drill. 2,350,659; June 6.

Gartin, Elmer G., Claremont, N. H., assignor to Sullivan Machinery Company. Chain breaker. 2,355,523; Aug. 8.

Gartin, Elmer G., Claremont, N. H., assignor to Sullivan Machinery Company. Drill steel centralizer. 2,365,681; Dec. 26.

Gartin, Elmer G., Claremont, N. H., assignor to Sullivan Machinery Company. Rock drill. 2,365,684; Dec. 26.

Gartland, Bernard J., Philadelphia, Pa., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Packaging beverages. 2,338,108; Jan. 4.

Gartner, Erich, Cologne-Mulheim, and A. Koch, Cologne-Dunnwald, Germany; vested in the Alien Property Custodian. Plastifying of synthetic rubber. 2,365,405; Dec. 19.

Gartner, John H. (See Gutierres, P. P., and Gartner.)

Garvey, Benjamin S., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Softeners for copolymers of butadiene hydrocarbons and alpha methylene nitriles. 2,360,865; Oct. 24.

Garvey, Benjamin S., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Softeners for copolymers of butadiene hydrocarbons and alpha methylene nitriles. 2,360,866; Oct. 24.

Garvey, Benjamin S., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Solvents for copolymers of butadiene hydrocarbons and alpha methylene nitriles. 2,360,867; Oct. 24.

Garvey, Benjamin S., and D. E. Henderson, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Composite article. 2,352,706; July 4.

Garvin, George L., South Bend, Ind. Electrical gauge. 2,360,121; Oct. 10.

Garvin, William D., Charlestown, W. Va., assignor to The Standard Lime and Stone Company, Baltimore, Md. Hydrating dolomitic limes. 2,356,760; Aug. 29.

Gar Wood Industries, Inc. (See Hatch, Ronald K., assignor.)

Garwood, William E., Springfield, Mass. Hydraulic testing machine. 2,365,693; Dec. 26.

Gasair Corporation. (See Heller, John K., assignor.)

Gasche, Fred, assignor to Struthers Wells-Titusville Corporation, Titusville, Pa. Closure. 2,352,192; June 27.

Gaskell, Clifford R., Dayton, Ohio. Self-tapping screw. 2,350,346; June 6.

Gaskell, Walter L., Ypsilanti, and O. P. Haisch, Ann Arbor, assignors to Central Specialty Company, Ypsilanti, Mich. Wood-planing machine. 2,349,162; May 16.

Gas Machinery Company, The. (See Harmon, Benjamin G., assignor.)

Gasoline Products Company. (See de Florez, L., and Gray, assignors.)

Gasoline Products Company. (See Dimmig, Howard, assignor.)

Gasoline Products Company, Inc. (See Houghland, Glen S., assignor.)

Gasomiser Corporation. (See Farrell, Joseph E., assignor.)

Gáspár, Béla, Brussels-Forest, Belgium, assignor to Chromogen, Incorporated. Production of partial color selection pictures out of subtractive multicolor images. 2,340,656; Feb. 1.

Gáspár, Béla, Hollywood, Calif, assignor to Chromogen, Incorporated. Production of colored photographic pictures. 2,341,034; Feb. 8.

Gáspár, Béla, Brussels-Forest, Belgium, assignor to Chromogen, Incorporated. Light-sensitive material for color photographic purposes and using the same. 2,344,084; Mar. 14.

Gáspár, Béla, Brussels-Forest, Belgium, assignor to Chromogen, Incorporated. Organic dye. 2,345,193; Mar. 28.

Gáspár, Béla, Hollywood, Calif., assignor to Chromogen, Incorporated. Method of and material for producing corrected photographic images. 2,348,735; May 16.

Gáspár, Béla, Hollywood, Calif., assignor to Chromogen, Incorporated. Process and treating bath for the production of colored photographic pictures. 2,348,804; May 16.

Gáspár, Béla, Hollywood, Calif., assignor to Chromogen, Incorporated. Obtaining photographic images. 2,353,661; July 18.

Gáspár, Béla, Hollywood, Calif., assignor to Chromogen, Incorporated. Color photographic material and producing same. 2,356,750; Aug. 29.

Gáspár, Béla, Hollywood, Calif., assignor to Chromogen, Incorporated. Manufacture of color photographic images. 2,361,541; Oct. 31.

Gáspár, Béla, Hollywood, Calif., assignor to Chromogen, Incorporated. Photographic materials and manufacturing same. 2,361,936; Nov. 7.

Gasparini, Louis. (See Medina, Emilio, assignor.)

Gas Products Corporation. (See Parker, Claude E., assignor.)

Gass, Harold, New York, N. Y. Clutch diaphragm spring. 2,356,310; Aug. 22.

Gassenmeier, Ernst. (See Hecht, O., and Gassenmeier.)

Gassenmeier, Ernst. (See Reppe, W., Hecht, and Gassenmeier.)

Gaston, Donald H., assignor to Sunbeam Electric Manufacturing Company, Evansville, Ind. Refrigerator gasket. 2,345,743; Apr. 4.

Gastro-Photor Laboratories, et al. (See Back, Franz G., assignor.)

Gatchell, Eugene J. (See Lerch, W. B., Mathis, and Gatchell.)

Gates, Charles W., Naugatuck, Conn., assignor to United States Rubber Company, New York, N. Y. Antioxidant. 2,552,950; July 4.

Gates, Geoffrey R. G., assignor to Automotive Products Company Limited, Leamington Spa, England. Brake. 2,340,464; Feb. 1.

Gates, Geoffrey R. G., assignor to Automotive Products Company Limited, Leamington Spa, England. Endless track vehicle. 2,353,554; July 11.

Gates, Louis W. (See Kiarmann, E., and Gates.)

Gates, Major E., Crystal Lake, Ill. Controlling apparatus. 2,345,931; Apr. 4.

Gates Rubber Company, The. (See Nassimbene, Ernest, assignor.)

Gateway City Transfer Company. (See Larson, Lawrence, assignor.)

Gatewood, Elbrige, New York, N. Y. Perpetual calendar. 2,338,377; Jan. 4.

Gatewood, Elbrige, New York, N. Y. Fluid level indicator for pressure boilers. 2,339,922; Jan. 25.

Gatewood, Elbrige, New York, N. Y. Calendar. 2,358,969; Sept. 26.

Gathmann, Emil, Baltimore, assignor to Gathmann Research Incorporated, Catonsville, Baltimore, Md. Ingot mold. 2,339,601; Jan. 18.

Gathmann Research Incorporated. (See Gathmann, Emil, assignor.)

Gaty, Clinton B., Jamaica, and G. Rattray, Mineola, assignors to Fairchild Aviation Corporation, Jamaica, N. Y. Camera. 2,342,509; Feb. 22.

Gaty, Clinton B., assignor to Fairchild Aviation Corporation, Jamaica, N. Y. Retractable drive for film magazines. 2,342,511; Feb. 22.

Gaty, Clinton B., assignor to Fairchild Aviation Corporation, Jamaica, N. Y. Film magazine shutter control. 2,342,512; Feb. 22.

Gaty, Clinton B., Alexandria, Va., assignor to Fairchild Aviation Corporation, Jamaica, N. Y. Camera. 2,342,513; Feb. 22.

Gaubert, Rene J., assignor to Simplex Wrapping Machine Co., Oakland, Calif. Bag making machine and method. 2,347,902; May 2.

Gaudio, Vincenzo, Cranston, R. I. Power operated scissors. 2,348,895; May 16.

Gauger, Frank A., Milwaukee, and E. A. Jones, Shorewood, Wis.; said Gauger assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Modulating control system. 2,348,969; May 16.

Gaugler, Richard S., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,350,347; June 6.

Gaugler, Richard S., assignor to General Motors Corporation, Dayton, Ohio. Heat transfer device. 2,350,348; June 6.

Gaugler, Richard S., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,357,099; Aug. 29.

Gauld, John, assignor to Vickers Incorporated, Detroit, Mich. Power transmission. 2,365,067; Dec. 12.

Gaumer, George K., assignor to Northwestern Steel & Wire Company, Sterling, Ill. Counter assembly for wire products machines. 2,352,622; July 4.

Gaumer, George K., assignor to Northwestern Steel and Wire Company, Sterling, Ill. Bundler and discharge assembly for wire products machines. 2,352,623; July 4.

Gaunder, Wilbur F., Mount Vernon, Ohio, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Construction for glass melting tanks. 2,363,954; Nov. 28.

Gauthier, Donat A., Detroit, Mich. Making filter elements. 2,359,475; Oct. 3.

Gauthier, Gaston, Chambery, Savoie, France; vested in the Alien Property Custodian. Aluminum base alloy with protective coating. 2,364,006; July 18.

Gautier, Trevor R., assignor to Nashua Gummed and Coated Paper Company, Nashua, N. H. Strip dispenser and moistening means for same. 2,352,149; June 20.

Gautier, Trevor R., assignor to Nashua Gummed and Coated Paper Company, Nashua, N. H. Tape dispensing apparatus and mostening means therefor. 2,352,150; June 20.

Gautreaux, Jeanne, Houston, Tex. Dressing mask. 2,353,025; July 4.

Gaver, Kenneth M., Columbus, assignor to The Komel Corporation, Dayton, Ohio. Emulsion. 2,347,678; May 2.

Gaver, Kenneth M., Columbus, assignor to The Komel Corporation, Dayton, Ohio. Wax emulsion. 2,347,679; May 2.

Gaver, Kenneth M., Columbus, assignor to The Komel Corporation, Dayton, Ohio. Wetting and emulsifying agent. 2,347,680; May 2.

Gavett, Weston, Plainfield, N. J. Biological treatment of sewage, trade wastes, and the like. 2,360,769; Oct. 17.

Gavin, Earl S., Ludlow, Ky., assignor to The Globe-Wernicke Co., Norwood, Ohio. Letter tray. 2,360,218; Oct. 10.

Gavin, George L. (See Huennekens, A. V., and Gavin.)

Gavin, Patrick, Brooklyn, N. Y. Combined pump and siphon system. 2,363,312; Nov. 21.

Gavin, Patrick J., Brooklyn, N. Y. Combined pumping and siphoning system for liquids. 2,363,313; Nov. 21.

Gay, Paul S., assignor to The Wilcox-Gay Corporation, Charlotte, Mich. Sound recording and reproducing apparatus. 2,351,948; June 20.

Gay, R. A. (See Graham, Jesse B., assignor.)

Gayer, Frederick H., and C. E. Fawkes, Chicago, assignors to Continental Research Corporation, Chicago Heights, Ill. Separation of acids contained in tall oil. 2,348,970; May 16.

Gayer, Frederick H., and C. E. Fawkes, Chicago, assignors to Continental Research Corporation, Chicago Heights, Ill. Separation of the constituents of tall oil. 2,348,971; May 16.

Gayer, Frederick H., and C. E. Fawkes, Chicago, assignors to Continental Research Corporation, Chicago Heights, Ill. Separation of the constituents of tall oil. 2,356,988; Aug. 29.

Gayer, Frederick H., and C. E. Fawkes, assignors to Continental Research Corporation, Chicago Heights, Ill. Refining tall oil. 2,359,415; Oct. 3.

Gayer, John D., and E. J. Frank, Springfield, and A. C. Boisseau, Lansdowne, Pa., assignors to General Electric Company. Electric circuit interrupter. 2,353,453; July 11.

Gayle, Fred L. (See Ventre, E. K., Henry, and Gayle.)

Gaylor, Peter J., Union, N. J., assignor to Standard Oil Development Company. Modified fuel. 2,343,766; Mar. 7.

Gaylord Container Corporation. (See de Mian, S., and Taylor, assignors.)

Gaylord Container Corporation. (See William, B. M., and Rushing, assignors.)

Gaylord, William B., assignor to North American Philips Company, Inc., Dobbs Ferry, N. Y. Electrical measuring device. 2,363,057; Nov. 21.
Gaynor, Edwin G. (See Andrews, Harold K., assignor.)
Gaynor, Edwin G. (See Knudsen, Knud, assignor.)
Gaynor, James W. (See Loane, C. M., and Gaynor.)
Gaynor, James W., Chicago, and C. M. Loane, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Lubricant. 2,362,624; Nov. 14.
Gayring, Wallace F., Minoa, assignor to The Prosperity Company, Inc., Syracuse, N. Y. Smoothing sleeved articles on pressing tables and operating means therefor. 2,338,808; Jan. 11.
Gazda, Antoine, New York, N. Y. Fighter craft. 2,354,453; July 25.
Gean, William E., Olla, and M. R. Dougherty, Bossier, La. Tool for moving and positioning pack-off assemblies. 2,355,854; Aug. 15.
Gear Grinding Company Limited, The. (See Bullows, Richard J., assignor.)
Gear Grinding Company Limited. (See Orcutt, Arthur H., assignor.)
Gear Grinding Machine Company, The. (See Brady, Samuel G., assignor.)
Gear Grinding Machine Company, The. (See Greve, William G., assignor.)
Gear Specialties. (See Hale, Charles B., assignor.)
Gearench Manufacturing Company. (See Saul, Joseph, assignor.)
Gearench Manufacturing Company. (See (Saul, J., assignor), Olson, and Peterson.)
Gearhart, Roy E. (See Morley, H. F., and Gearhart.)
Gearhart, William M., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Thermoplastic decorative composition and preparation. 2,343,658; Mar. 7.
Gebauer-Fuelnegg, Erich, Evanston, Ill., L. K. Eilers, and E. W. Moffett, Gary, Ind., assignors, by mesne assignments to Marbon Corporation. Transparent sheet material and making same. 2,357,100; Aug. 29.
Gebbie, William P. V. (See Moseley, J., and Gebbie.)
Gebeau, Robert D., Bridgeport, Conn. Simplified artillery mechanism. 2,359,517; Oct. 3.
Gebert, Russell C., Elkins Park, Pa., and R. J. Carson, Jr., Lexington, Va., assignors to Charles P. Cochrane Company, Bridgeport, Conn. Axminster setting frame and process. 2,360,558; Oct. 17.
Gebhardt, Charles W., assignor to The C. L. Gougler Machine Company, Kent, Ohio. Article finishing apparatus and method. 2,348,064; May 2.
Gebhardt, Gustav H. (See Grimith, C. T., Gebhardt, and Heider.)
Gebhart, Arthur I., Union, assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Preparing anhydrous hydrogen halides. 2,339,330; Jan. 18.
Gebroder, Zehnder, Radiatoren- & Apparatebau. (See Zehnder, Otto, assignor.)
Geddes, John A., Richardson Park, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Titanium pigments and producing the same. 2,357,101; Aug. 29.
Geddes, Walter H., assignor to United Aircraft Products, Inc., Dayton, Ohio. Fluid turbulizer. 2,340,181; Jan. 25.
Gedge, Frederick C., Peoria, Ill., assignor to Caterpillar Tractor Co., San Leandro, Calif. Material breaking apparatus. 2,350,223; May 30.
Gedris, Stanley J., Grand Rapids, Mich. Chair. 2,343,505; Mar. 7.
Gee, William P., Plainfield, N. J., assignor to Texaco Development Corporation, New York, N. Y. Dewaxing wax-bearing oil. 2,358,921; Sept. 26.
Geer, Russell L., Grand Island, Nebr. Demountable form for poured concrete. 2,352,783; July 4.
Geertsema, Kenneth B., Springfield Gardens, assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y. Method and machine for making closures. 2,348,464; May 9.
Geertsen, Nelson, Chicago, Ill., assignor to American Can Company, New York, N. Y. Press. 2,346,673; Apr. 18.
Geerts, Eric, Glen Ellyn, assignor, by mesne assignments, to Reconstruction Finance Corporation, Chicago, Ill. Fire extinguishing method and apparatus. 2,352,378; June 27.
Geerts, Eric, Glen Ellyn, assignor, by mesne assignments, to Reconstruction Finance Corporation, Chicago, Ill. Mobile fire fighting apparatus. 2,352,379; June 27.
Geffner, Samuel H., New York, N. Y. Dental floss holder. 2,354,454; July 25.
Gehl Guernsey Farms, Inc. (See Rosecky, Joseph E., assignor.)
Gehl, John, Denmark, Wis. Stoker. 2,362,127; Nov. 7.
Gehman, Samuel D., assignor to Wingfoot Corporation, Akron, Ohio. Vibration isolating means. 2,342,577; Feb. 22.
Gehman, Samuel D. (See Kilborn, K. B., and Gehman.)
Gehring, Fred W., Villa Park, Ill. Signal apparatus. 2,362,897; Nov. 14.
Geibig, Frank C., Westfield, N. J., assignor to The Linde Air Products Company. Guiding unit for reproducing machines. 2,349,954; May 30.
Geier, Ernest C., and R. E. Semmler, New York, N. Y. Yarn. 2,350,504; June 6.
Geier, James, Troy, N. Y. Spirit level device. 2,356,311; Aug. 22.
Geiger, Charles F., Metuchen, C. P. Clapp, Woodbridge Township, and W. C. Kempf, Metuchen, N. J., assignors to The Carborundum Company, Niagara Falls, N. Y. Apparatus for transferring granular material. 2,346,743; Apr. 18.
Geiger, Lyle M., Braddock, assignor to The Neville Company, Pittsburgh, Pa. Rubber composition. 2,340,955; Feb. 8.
Geiger, Walter J., and W. Davidson, Cleveland Heights, Ohio, assignors to General Electric Company. Method and apparatus for loading flash lamps. 2,347,046; Apr. 18.
Geigy, J. R., A. G. (See Agthe, Carl A., assignor.)
Geigy, J. R., A. G. (See Conzetti, A., and Lehmann, assignors.)
Geigy, J. R., A. G. (See Conzetti, A., and Schmid, assignors.)
Geigy, J. R., A. G. (See Grun, Adolf, assignor.)
Geigy, J. R., A. G. (See Grun, A., and Stoll, assignors.)
Geigy, J. R., A. G. (See Gysin, Hans, assignor.)
Geigy, J. R., A. G. (See Krebser, A., Bossard, and Kuster, assignors.)
Geigy, J. R., A. G. (See Martin, H., Baumann, Zaeslin, and Gysin, assignors.)
Geigy, J. R., A. G. (See Martin, H., Glatthaar, and Stammbach, assignors.)
Geigy, J. R., A. G. (See Martin, H., Zaeslin, Hirt, Glatthaar, and Staub, assignors.)
Geigy, J. R., A. G. (See Müller, Paul, assignor.)
Geigy, J. R., A. G. (See Schetty, Guido, assignor.)
Geigy, J. R., A. G. (See Stenzl, H., and Staub, assignors.)
Geimer, Anthony P., assignor to Hamilton Manufacturing Company, Two Rivers, Wis. Container and covering means. 2,365,186; Dec. 19.
Geiringer, Paul L., New York, N. Y. Treating articles for removing grease and oils. 2,348,465; May 9.
Geiselman, Ralph A. (See King, G. E., and Geiselman.)
Geiser, Hans D. (See Kniehahn, W., Geiser, Shüler, Gerth, and Witt.)
Geisinger, Elliott E., Rochester, N. Y., and R. F. Goecke, Elyria, Ohio, assignors to The Pfaudler Co., Rochester, N. Y. Container. 2,356,047; Aug. 15.
Geisler, William C., Spokane, Wash. Corner fastener for metal frames. 2,342,537; Feb. 22.
Geissler, William E., Ossining, assignor to The Dorr Company, New York, N. Y. Pump. 2,340,265; Jan. 25.
Geistert, Edward C. (See Zoller, H. F., and Geistert.)
Gelardin, Albert, New York, N. Y. Cosmetic holder. 2,347,774; May 2.
Gelatin Products Corporation. (See Court, Kenneth, assignor.)
Gelatin Products Corporation. (See Scherer, Robert P., assignor.)
Gelbman, Louis, assignor of one-half to H. F. Andrus, Yonkers, N. Y. Brick machine. 2,360,122; Oct. 10.
Geldhof, Peter E., and L. Ringer, assignors to Nineteen Hundred Corporation, St. Joseph, Mich. Automatic washer. 2,347,190; Apr. 25.
Geldhof, Peter E., and L. Ringer, assignors to Nineteen Hundred Corporation, St. Joseph, Mich. Washing machine and drier. 2,350,108; May 30.
Geller, Roman F., Chevy Chase, Md., assignor to the Government of the United States as represented by the Secretary of the Department of Commerce. Heating unit. 2,356,237; Aug. 22.
Gem Clay Forming Company, The. (See Greene, Raymond J., assignor.)
Gem Crib and Cradle Company. (See Landry, Henry J., assignor.)
Gemberling, Cameron H., South Bend, Ind., assignor to Oliver Farm Equipment Company. Disk harrow. 2,345,803; Apr. 4.
Gemberling, Cameron H., and R. J. Altgelt, South Bend, Ind., assignors to Oliver Farm Equipment Company. Fertilizer attachment. 2,345,804; Apr. 4.
Gemeny, Blaine B., assignor to Webster Manufacturing, Inc., Tiffin, Ohio. Fin type belt supporting pulley. 2,339,060; Jan. 11.
Genas, Michailas. (See Zeltner, J., and Genas.)
Gendron, Norman R. (See Vetorino, J. E., and Gendron.)
Gene, Frank, also known as Yee, Ming Hor, Maricopa County, Ariz. Toy kite. 2,349,417; May 23.
General Aircraft Corporation. (See Koppen, Otto C., assignor.)
General Aircraft Equipment, Inc. (See Méjean, Jacques G., assignor.)
General American Transportation Corporation. (See Garlock, F. G., and Mull, assignors.)
General Aniline & Film Corporation. (See Baldwin, Harold S., assignor.)
General Aniline & Film Corporation. (See Besler, Eduard, assignor.)
General Aniline & Film Corporation. (See Elstert, B., and Kochendoerfer, assignors.)
General Aniline & Film Corporation. (See Fikentscher, Hans, assignor.)
General Aniline & Film Corporation. (See Fischer, Edwin L., assignor.)
General Aniline & Film Corporation. (See Fischer, E., Kirst, and Gmelin, assignors.)

General Aniline & Film Corporation. (See Fischer, H., and Freytag, assignors.)
General Aniline & Film Corporation. (See Fleischhauer, R., and Müller, assignors.)
General Aniline & Film Corporation. (See Flemming, Leopold, assignor.)
General Aniline & Film Corporation. (See Fröhlich, A., and Schneider, assignors.)
General Aniline & Film Corporation. (See Fröhlich, A., Schneider, and Wilmanns, assignors.)
General Aniline & Film Corporation. (See Fröhlich, A., Schneider, and Zeh, assignors.)
General Aniline & Film Corporation. (See Herold, P., Smeykal, Asinger, and Wolf., assignors.)
General Aniline & Film Corporation. (See Heymer, Gerd, assignor.)
General Aniline & Film Corporation. (See Hopff, H., Goebel, and Rautenstrauch, assignors.)
General Aniline & Film Corporation. (See Hopff, H., and Rapp, assignors.)
General Aniline & Film Corporation. (See Hopff, H., Weickmann, and Kern, assignors.)
General Aniline & Film Corporation. (See Krzikalla, H., Dornheim, and Pfitzner, assignors.)
General Aniline & Film Corporation. (See Kumetat, K., and Riester, assignors.)
General Aniline & Film Corporation. (See Lommel, W., and Münzel, assignors.)
General Aniline & Film Corporation. (See Love, Robert F., assignor.)
General Aniline & Film Corporation. (See Nelles, J., Bayer, Tischbein, and Baehren, assignors.)
General Aniline & Film Corporation. (See Nüsslein, J., and Gutensohn, assignors.)
General Aniline & Film Corporation. (See Orthner, L., Balle, and Schild, assignors.)
General Aniline & Film Corporation. (See Orthner, L., Sönke, and Lampert, assignors.)
General Aniline & Film Corporation. (See Polhemus, J. K., and Henrikson, assignors.)
General Aniline & Film Corporation. (See Reckmeyer, V. H., and Brunner, assignors.)
General Aniline & Film Corporation. (See Reichel, Maximilian K., assignor.)
General Aniline & Film Corporation. (See Reppe, W., Hecht and Gassenmeier, assignors.)
General Aniline & Film Corporation. (See Reppe, W., Hecht, and Oschatz, assignors.)
General Aniline & Film Corporation. (See Roehrl, Bruno C., assignor.)
General Aniline & Film Corporation. (See Scherer, Otto, assignor.)
General Aniline & Film Corporation. (See Schneider, Wilhelm, assignor.)
General Aniline & Film Corporation. (See Schneider, W., Frölich, and Zeh, assignors.)
General Aniline & Film Corporation. (See Steglich, Herbert H., assignor.)
General Aniline & Film Corporation. (See Trageser, Georg, assignor.)
General Aniline & Film Corporation. (See Trump, Frederick O., assignor.)
General Aniline & Film Corporation. (See v. Bock, Bernd, assignor.)
General Aniline & Film Corporation. (See von Glahn, W. H., and Rottschaefer, assignors.)
General Aniline & Film Corporation. (See Zerweck, W., and Heinrich, assignors.)
General Binding Corporation. (See Emmer, Charles E., assignor.)
General Box Company. (See Bauer, Len W., assignor.)
General Box Company. (See Fowler, Neil A., assignor.)
General Bronze Corporation. (See McAvoy, Frank E., assignor.)
General Bronze Corporation. (See Peremi, E., and Toth, assignors.)
General Cable Corporation. (See D'Eustachio, Gabriel J., assignor.)
General Cable Corporation. (See Palmer, Dwight R. G., assignor.)
General Candy Corporation. (See Petrilli, Santy C., assignor.)
General Chemical Company. (See Adams, James F., assignor.)
General Chemical Company. (See Bousquet, L'R. G., Young, and Low, assignors.)
General Chemical Company. (See Henninger, Arthur H., assignor.)
General Chemical Company. (See Neumark, Hans R., assignor.)
General Chemical Company. (See Pearson, J. H., and Hammarén, assignors.)
General Chemical Company. (See Swaine, James W., assignor.)
General Chemical Company. (See Tryon, S., and Benedict, assignors.)
General Control Company. (See Smiley, G., and Delano.)
General Controls Co. (See Cunningham, Lewis L., assignor.)
General Controls Co. (See Biggle, Laurence C., assignor.)
General Controls Co. (See Matteson, Harold J., assignor.)
General Electric Company. (See Acly, H. M., and Barr, assignors.)
General Electric Company. (See Aicher, John O., assignor.)
General Electric Company. (See Ailes, Curtis, Jr., assignor.)
General Electric Company. (See Alexanderson, Ernst F. W., assignor.)
General Electric Company. (See Alford, Joseph S., assignor.)
General Electric Company. (See Allen, Wayne H., assignor.)
General Electric Company. (See Alvira, Alfonso, assignor.)
General Electric Company. (See Amsden, Ralph D., assignor.)
General Electric Company. (See Anderson, Arvid E., assignor.)
General Electric Company. (See Anderson, A. E., and Simpson, assignors.)
General Electric Company. (See Anderson, James T., assignor.)
General Electric Company. (See Anderson, Robert G., assignor.)
General Electric Company. (See Andrix, Frank H., assignor.)
General Electric Company. (See Arey, Ralph G., assignor.)
General Electric Company. (See Austin, Kirby B., assignor.)
General Electric Company. (See Ayers, Edgar H., assignor.)
General Electric Company. (See Bachman, Charles H., assignor.)
General Electric Company. (See Baldwin, Charles F., assignor.)
General Electric Company. (See Bany, Herman, assignor.)
General Electric Company. (See Bariffi, Herbert F., assignor.)
General Electric Company. (See Barnes, Norman F., assignor.)
General Electric Company. (See Barr, James R., assignor.)
General Electric Company. (See Bartelink, Everhard H. B., assignor.)
General Electric Company. (See Baskerville, Ralph J., assignor.)
General Electric Company. (See Bay, Z., and Szigeti, assignors.)
General Electric Company. (See Bayer, Charles H., assignor.)
General Electric Company. (See Bazley, Carl E., assignor.)
General Electric Company. (See Beggs, James E., assignor.)
General Electric Company. (See Bellows, G., Jr., and Weiser, assignors.)
General Electric Company. (See Bennett, Robert M., assignor.)
General Electric Company. (See Bennett, R. S., and Smith, Jr., assignors.)
General Electric Company. (See Berejkoff, Anatole P., assignor.)
General Electric Company. (See Bivens, Maurice E., assignor.)
General Electric Company. (See Bixler, Harley H., assignor.)
General Electric Company. (See Bloomberg, David J., assignor.)
General Electric Company. (See Boisseau, Alexander C., assignor.)
General Electric Company. (See Boisseau, A. C., and Beall, assignors.)
General Electric Company. (See Bold, Ralph E., assignor.)
General Electric Company. (See Bousman, Henry W., assignor.)
General Electric Company. (See Bousman, H. W., and Miles, Jr., assignors.)
General Electric Company. (See Bowman, Philip G., assignor.)
General Electric Company. (See Brodie, Rutherford E., assignor.)
General Electric Company. (See Brown, George M., assignor.)
General Electric Company. (See Bryant, Frank D., assignor.)
General Electric Company. (See Buchholz, Herbert, assignor.)
General Electric Company. (See Buller, F. H., Zysk, and Lee, assignors.)
General Electric Company. (See Burnham, Locke H., assignor.)
General Electric Company. (See Butler, John W., assignor.)
General Electric Company. (See Butler, W. L., and Hausler, assignors.)
General Electric Company. (See Cain, Basil S., assignor.)
General Electric Company. (See Camilli, Guglielmo, assignor.)
General Electric Company. (See Campbell, James R., assignor.)
General Electric Company. (See Campbell, John H., assignor.)
General Electric Company. (See Cartun, Paul O., assignor.)

General Electric Company. (See Cates, J., Jenkins, and Noble, assignors.)
General Electric Company. (See Catlett, James T., assignor.)
General Electric Company. (See Chapman, Charles H., assignor.)
General Electric Company. (See Cholewa, Max, assignor.)
General Electric Company. (See Clack, B. N., and Ramsley, assignors.)
General Electric Company. (See Clark, Frank M., assignor.)
General Electric Company. (See Clarke, Edith, assignor.)
General Electric Company. (See Clute, Gerald P., assignor.)
General Electric Company. (See Cockrell, William D., assignor.)
General Electric Company. (See Cook, Ellsworth D., assignor.)
General Electric Company. (See Cook, Leonard W., assignor.)
General Electric Company. (See Cooke, James W., assignor.)
General Electric Company. (See Cooper, Benjamin, assignor.)
General Electric Company. (See Cooper, La Mar S., assignor.)
General Electric Company. (See Crago, Harry R., assignor.)
General Electric Company. (See Crary, Selden B., assignor.)
General Electric Company. (See Crever, Frederick E., assignor.)
General Electric Company. (See Crever, F. E., and Stratton, assignors.)
General Electric Company. (See Crosby, Howard M., assignor.)
General Electric Company. (See D'Alelio, Gaetano F., assignor.)
General Electric Company. (See D'Alelio, G. F., and Pyle, assignors.)
General Electric Company. (See D'Alelio, G. F., and Underwood, assignors.)
General Electric Company. (See Dalton, Richard, assignor.)
General Electric Company. (See Daly, Loretta M., assignor.)
General Electric Company. (See Darling, Alan G., assignor.)
General Electric Company. (See De Blieux, Earl V., assignor.)
General Electric Company. (See De Boid, Charles F., assignor.)
General Electric Company. (See De Reamer, Frank C., assignor.)
General Electric Company. (See Dickinson, E. D., and Van Nest, assignors.)
General Electric Company. (See Dome, Robert B., assignor.)
General Electric Company. (See Doran, John H., assignor.)
General Electric Company. (See Dunham, George W., assignor.)
General Electric Company. (See Durgin, George E., assignor.)
General Electric Company. (See Durham, Clyde, assignor.)
General Electric Company. (See Eade, S. R., and Dawson, assignors.)
General Electric Company. (See Eagles, Horace W., assignor.)
General Electric Company. (See Eaton, John, assignor.)
General Electric Company. (See Edgar, Robert F., assignor.)
General Electric Company. (See Edwards, Martin A., assignor.)
General Electric Company. (See Edwards, M. A., and Bowman, assignors.)
General Electric Company. (See Edwards, M. A., Garr, and Shaad, assignors.)
General Electric Company. (See Edwards, M. A., Garr, and Weaver, assignors.)
General Electric Company. (See Elmendorf, Duryea E., assignor.)
General Electric Company. (See Evans, Thomas M., assignor.)
General Electric Company. (See Fancher, Henry B., assignor.)
General Electric Company. (See Favre, John A., assignor.)
General Electric Company. (See Fay, James P., assignor.)
General Electric Company. (See Fernberger, Harry M., assignor.)
General Electric Company. (See Fiedler, E. F., and Holmberg, assignors.)
General Electric Company. (See Fiene, Marcus E., assignor.)
General Electric Company. (See Finizio, Victor L., assignor.)
General Electric Company. (See Finlayson, Frank E., assignor.)
General Electric Company. (See Fisher, Alec, assignor.)
General Electric Company. (See Flaws, John, Jr., assignor.)
General Electric Company. (See Flynn, Edward J., assignor.)
General Electric Company. (See Foote, Alton G., assignor.)
General Electric Company. (See Forstrom, Edward W., assignor.)
General Electric Company. (See Foster, Levin W., assignor.)
General Electric Company. (See Foster, Raymond F., assignor.)
General Electric Company. (See Foxon, Henry J., assignor.)
General Electric Company. (See Frech, Theodore W., assignor.)
General Electric Company. (See Frederick, Oscar C., assignor.)
General Electric Company. (See Frisch, W. R., and Crew, assignors.)
General Electric Company. (See Fyler, George W., assignor.)
General Electric Company. (See Gardiner, Paul C., assignor.)
General Electric Company. (See Gardner, George F., assignor.)
General Electric Company. (See Garin, Alexis N., assignor.)
General Electric Company. (See Garman, George W., assignor.)
General Electric Company. (See Garr, Donald E., assignor.)
General Electric Company. (See Garr, D. E., and Shaad, assignors.)
General Electric Company. (See Gayer, J. D., Frank, and Boisseau, assignor.)
General Electric Company. (See Geiger, W. J., and Davidson, assignors.)
General Electric Company. (See Gibbert, Christian P., assignor.)
General Electric Company. (See Goetter, William F., assignor.)
General Electric Company. (See Goetz, Ernest F., assignor.)
General Electric Company. (See Goff, Robert W., assignor.)
General Electric Company. (See Goodale, Charles J., assignor.)
General Electric Company. (See Gordon, N. T., and Whitney, assignors.)
General Electric Company. (See Goss, James H., assignor.)
General Electric Company. (See Granfield, John C., assignor.)
General Electric Company. (See Grobel, Lloyd P., assignor.)
General Electric Company. (See Haelig, George A., assignor.)
General Electric Company. (See Hahn, Clarence E., assignor.)
General Electric Company. (See Hahn, William C., assignor.)
General Electric Company. (See Hall, Chester I., assignor.)
General Electric Company. (See Hamann, Charles E., assignor.)
General Electric Company. (See Hamm, Clarence L., assignor.)
General Electric Company. (See Hanna, Max R., assignor.)
General Electric Company. (See Hansen, Albert, Jr., assignor.)
General Electric Company. (See Hanson, David H., assignor.)
General Electric Company. (See Harker, David, assignor.)
General Electric Company. (See Harlow, Winton G., assignor.)
General Electric Company. (See Harrison, Ward, assignor.)
General Electric Company. (See Hausler, George M., assignor.)
General Electric Company. (See Heineman, William R., assignor.)
General Electric Company. (See Heiser, M. G., and Gilbert, assignors.)
General Electric Company. (See Hemphill, Lawrence F., assignor.)
General Electric Company. (See Hermann, Benjamin R., assignor.)
General Electric Company. (See Hessenberg, Karl, assignor.)
General Electric Company. (See Hewlett, Clarence W., assignor.)
General Electric Company. (See Hill, Charles H., assignor.)
General Electric Company. (See Hinman, Donald D., assignor.)
General Electric Company. (See Hoare, Stephen C., assignor.)
General Electric Company. (See Hobson, Leland S., assignor.)
General Electric Company, (See Hodgkins, R. L., and Lewis, assignors.)
General Electric Company. (See Holm-Hansen, Osmund, assignor.)

General Electric Company. (See Hottenroth, Frederick W., Jr., assignor.)
General Electric Company. (See Howard, Alan, assignor.)
General Electric Company. (See Hull, Albert W., assignor.)
General Electric Company. (See Hutchings, John H., assignor.)
General Electric Company. (See Hutchins, Warren C., assignor.)
General Electric Company. (See Hutt, Philip, assignor.)
General Electric Company. (See Inman, G. E., Lemmers, and Thayer, assignors.)
General Electric Company. (See Irons, Davison E., assignor.)
General Electric Company. (See Jewell, Richard G., assignor.)
General Electric Company. (See Johnson, Howard A., assignor.)
General Electric Company. (See Johnson, Lyman B., assignor.)
General Electric Company. (See Johnson, Wilber M., assignor.)
General Electric Company. (See Karash, Walter J., assignor.)
General Electric Company. (See Karash, W. J., and Lemmers, assignors.)
General Electric Company. (See Kaufmann, Richard H., assignor.)
General Electric Company. (See Kearsley, William K., assignor.)
General Electric Company. (See Keiffer, Lawrence R., assignor.)
General Electric Company. (See Kenefake, Edwin W., assignor.)
General Electric Company. (See Kennedy, Luke F., assignor.)
General Electric Company. (See Kiltie, Ordean, assignor.)
General Electric Company. (See Kinnard, Isaac F., assignor.)
General Electric Company. (See Kitani, R., and Takashima, assignors.)
General Electric Company. (See Kjolseth, Ole K., assignor.)
General Electric Company. (See Kline, Halsey W., assignor.)
General Electric Company. (See Koch, Charles J., assignor.)
General Electric Company. (See Koppelmann, Floris, assignor.)
General Electric Company. (See Kraft, Hans, assignor.)
General Electric Company. (See Kuebler, Robert A., assignor.)
General Electric Company. (See Kuehni, Hans P., assignor.)
General Electric Company. (See Lait, James R., assignor.)
General Electric Company. (See Lange, Carl W., assignor.)
General Electric Company. (See Lehman, Ernest H., assignor.)
General Electric Company. (See Leighton, Leroy G., assignor.)
General Electric Company. (See Leithiser, George L., assignor.)
General Electric Company. (See Lemmers, Eugene, assignor.)
General Electric Company. (See Lennox, Thomas C., assignor.)
General Electric Company. (See Levine, Samuel J., assignor.)
General Electric Company. (See Levoy, Louis G., Jr., assignor.)
General Electric Company. (See Libman, Earl E., assignor.)
General Electric Company. (See Light, Philip H., assignor.)
General Electric Company. (See Linlor, William I., assignor.)
General Electric Company. (See Livingston, Orrin W., assignor.)
General Electric Company. (See Lloyd, Randall E., assignor.)
General Electric Company. (See Lord, Harold W., assignor.)
General Electric Co. (See Lubeck, Heinz, assignor.)
General Electric Company. (See Luckiesh, Matthew, assignor.)
General Electric Company. (See Ludbrook, Leslie C., assignor.)
General Electric Company. (See Lyman, Harold T., assignor.)
General Electric Company. (See MacCarthy, Charles F., assignor.)
General Electric Company. (See MacCarthy, Donnell D., assignor.)
General Electric Company. (See MacGregor, William F., assignor.)
General Electric Company. (See Mainwaring, Walter E., assignor.)
General Electric Company. (See Mares, Virgil L., assignor.)
General Electric Company. (See Marsh, Myrle O., assignor.)
General Electric Company. (See Martin, Harold M., assignor.)
General Electric Company. (See Mason, Charles R., assignor.)
General Electric Company. (See Matson, Louis L., assignor.)
General Electric Company. (See Maxwell, Donald E., assignor.)
General Electric Company. (See Maynard, John E., assignor.)
General Electric Company. (See McArthur, Elmer D., assignor.)
General Electric Company. (See McCarty, Orin P., assignor.)
General Electric Company. (See McConnell, A. J., and Morris, assignors.)
General Electric Company. (See McKenney, James F., assignor.)
General Electric Company. (See McLenegan, David W., assignor.)
General Electric Company. (See McPhilomy, Richard C., assignor.)
General Electric Company. (See Mead, Milton S., Jr., assignor.)
General Electric Company. (See Meese, G. E., Wunderlich, and Marshaus, assignors.)
General Electric Company. (See Mendelsohn, Lewis I., assignor.)
General Electric Company. (See Michel, Philip C., assignor.)
General Electric Company. (See Minnoci, Salvatore, assignor.)
General Electric Company. (See Mittag, Albert H., assignor.)
General Electric Company. (See Moe, William W., assignor.)
General Electric Company. (See Moles, Frank J., assignor.)
General Electric Company. (See Morrill, Wayne J., assignor.)
General Electric Company. (See Morse, Harold F., assignor.)
General Electric Company. (See Mortlock, J. R., Wilkinson, and Carter, assignors.)
General Electric Company. (See Morton, Lysle W., assignor.)
General Electric Company. (See Moyer, Elmo E., assignor.)
General Electric Company. (See Mueller, Adolf G., assignor.)
General Electric Company. (See Mungall, Robert W., assignor.)
General Electric Company. (See Neher, John H., assignor.)
General Electric Company. (See Nichols, Walter I., assignor.)
General Electric Company. (See Noel, Edward B., assignor.)
General Electric Company. (See Nordstrum, Lauren D., assignor.)
General Electric Company. (See Norgaard, Donald E., assignor.)
General Electric Company. (See Norris, Rollin H., assignor.)
General Electric Company. (See O'Bryan, Lorin, assignor.)
General Electric Company. (See Olson, Edwin N., assignor.)
General Electric Company. (See Oppel, John A., assignor.)
General Electric Company. (See Palme, Arthur, assignor.)
General Electric Company. (See Palme, A., and Urbanek, assignors.)
General Electric Company. (See Palmer, H. L., and Schneider, assignors.)
General Electric Company. (See Paluev, Konstantin K., assignor.)
General Electric Company. (See Partington, Robert M., assignor.)
General Electric Company. (See Paul, William E., assignor.)
General Electric Company. (See Pellett, Fred G., assignor.)
General Electric Company. (See Peterson, Harold A., assignor.)
General Electric Company. (See Pickhaver, Lionel G., assignor.)
General Electric Company. (See Pike, Carl L., assignor.)
General Electric Company. (See Pipkin, Marvin, assignor.)
General Electric Company. (See Porter, Lawrence C., assignor.)
General Electric Company. (See Powell, Airic H., assignor.)
General Electric Company. (See Powers, James H., assignor.)
General Electric Company. (See Prince, David C., assignor.)
General Electric Company. (See Pringle, William A., assignor.)
General Electric Company. (See Propernick, August A., assignor.)

General Electric Company. (See Pulfrich, H., and Magner, assignors.)
General Electric Company. (See Race, Hubert H., assignor.)
General Electric Company. (See Rader, Louis T., assignor.)
General Electric Company. (See Ralston, Albert A., assignor.)
General Electric Company. (See Ramo, Simon, assignor.)
General Electric Company. (See Ransom, Robert B., assignor.)
General Electric Company. (See Reed, G. M., and Mahoney, assignors.)
General Electric Company. (See Reid, Ralph A., assignor.)
General Electric Company. (See Rhoads, James C., assignor.)
General Electric Company. (See Rich, Theodore A., assignor.)
General Electric Company. (See Rinehart, D. C., and Ralston, assignors.)
General Electric Company. (See Rippl, F. J., and Isaac, assignors.)
General Electric Company. (See Rochow, Eugene G., assignor.)
General Electric Company. (See Rogers, George L., assignor.)
General Electric Company. (See Root, Charles S., assignor.)
General Electric Company. (See Rouault, Charles L., assignor.)
General Electric Company. (See St. Palley, Zoltan O., assignor.)
General Electric Company. (See Schaefer, Vincent J., assignor.)
General Electric Company. (See Scheldorf, Marvel W., assignor.)
General Electric Company. (See Schmidt, A., Jr., and Hesekind, assignors.)
General Electric Company. (See Schneider, Elbert D., assignor.)
General Electric Company. (See Schneider, Fred B., assignor.)
General Electric Company. (See Schneider, Harold N., assignor.)
General Electric Company. (See Schoenfeldt, Herman R., assignor.)
General Electric Company. (See Schroeder, Theodore W., assignor.)
General Electric Company. (See Schwabacher, Gerhard P., assignor.)
General Electric Company. (See Seeley, Harold T., assignor.)
General Electric Company. (See Sheldon, Lucian A., assignor.)
General Electric Company. (See Sheppard, Raymond, assignor.)
General Electric Company. (See Short, Thomas T., assignor.)
General Electric Company. (See Shoults, David R., assignor.)
General Electric Company. (See Sias, Frederick R., assignor.)
General Electric Company. (See Simpson, William, assignor.)
General Electric Company. (See Sinks, Allen T., assignor.)
General Electric Company. (See Smalley, Dean F., assignor.)
General Electric Company. (See Smith, Arthur R., assignor.)
General Electric Company. (See Smith, Chester W., assignor.)
General Electric Company. (See Smith, Henry M., assignor.)
General Electric Company. (See Smith, Richard E., assignor.)
General Electric Company. (See Smith, Sidney R., Jr., assignor.)
General Electric Company. (See Specht, Woldemar, assignor.)
General Electric Company. (See Spencer, Richard, assignor.)
General Electric Company. (See Sprenger G. W., and Cameron, assignors.)
General Electric Company. (See Staley, Ronald W., assignor.)
General Electric Company. (See Starie, G. B., and Schmitz, assignors.)
General Electric Company. (See Stebbins, Frederick O., assignor.)
General Electric Company. (See Steenstrup, Carl H., assignor.)
General Electric Company. (See Steenstrup, Christian, assignor.)
General Electric Company. (See Steudel, Eberhard, assignor.)
General Electric Company. (See Stewart, Clyde E., assignor.)
General Electric Company. (See Stewart, H. C., and Beardsley, assignors.)
General Electric Company. (See Stewart, Howard J., assignor.)
General Electric Company. (See Stimson, Allen G., assignor.)
General Electric Company. (See Streid, Dale D., assignor.)
General Electric Company. (See Traver, O. C., and Bancker, assignors.)
General Electric Company. (See Traver, O. C., and McConnell, assignors.)
General Electric Company. (See Tröy, Matthew O., assignor.)
General Electric Company. (See Tuttle, Frank B., assignor.)
General Electric Company. (See Urban, Fred O., assignor.)
General Electric Company. (See Wardwell, George W., Jr., assignor.)
General Electric Company. (See Warner, Donald F., assignor.)
General Electric Company. (See Stotenbur, Ralph H., assignor.)
General Electric Company. (See Stratton, Jerry L., assignor.)
General Electric Company. (See Streid, Dale D., assignor.)
General Electric Company. (See Suits, Chauncey G., assignor.)
General Electric Company. (See Suksdorf, Alfred, assignor.)
General Electric Company. (See Summerhayes, Harry R., Jr., assignor.)
General Electric Company. (See Talbot, Curtis G., assignor.)
General Electric Company. (See Taylor, Hamilton D., assignor.)
General Electric Company. (See Teare, William H., assignor.)
General Electric Company. (See Teker, John W., assignor.)
General Electric Company. (See Thayer, Richard N., assignor.)
General Electric Company. (See Theisen, Joseph L., assignor.)
General Electric Company. (See Thomas, B. N., and Maslin, assignors.)
General Electric Company. (See Townsend, G. R., and Hall, assignors.)
General Electric Company. (See Troy, Matthew O., assignor.)
General Electric Company. (See Truesdell, Francis W., assignor.)
General Electric Company. (See Truex, George O., assignor.)
General Electric Company. (See Tuttle, Frank B., assignor.)
General Electric Company. (See Van Alstyne, Arthur J., assignor.)
General Electric Company. (See Van Billiard, Lewis H., assignor.)
General Electric Company. (See Vance, Paul A., assignor.)
General Electric Company. (See Vienneau, Jacob J., assignor.)
General Electric Company. (See von Hoorn, Fred G., assignor.)
General Electric Company. (See Wall, Alexander C., assignor.)
General Electric Company. (See Walle, Ludwig S., assignor.)
General Electric Company. (See Warneke, R. C., and Knaus, assignors.)
General Electric Company. (See Warner, Donald F., assignor.)
General Electric Company. (See Warren, Glenn B., assignor.)
General Electric Company. (See Warrington, Albert R. van C., assignor.)
General Electric Company. (See Watts, Donald E., assignor.)
General Electric Company. (See Weaver, Burr S., assignor.)
General Electric Company. (See Weaver, Virgil L., assignor.)
General Electric Company. (See Weder, William J., assignor.)
General Electric Company. (See Weeks, Walter R., assignor.)
General Electric Company. (See Weiser, Earnest F., assignor.)
General Electric Company. (See Welch, Alanson U., Jr., assignor.)
General Electric Company. (See West, Harry R., assignor.)
General Electric Company. (See Wethmüller, Karl, assignor.)
General Electric Company. (See Wheeler, Arthur W., assignor.)
General Electric Company. (See White, Arthur J., assignor.)
General Electric Company. (See White, A. J., and Marshaus, assignors.)
General Electric Company. (See Whitney, Willis R., assignor.)
General Electric Company. (See Whittenton, James M., assignor.)

General Electric Company. (See Wilcox, James F., assignor.)
General Electric Company. (See Wilcox, J. F., and Kenefake, assignors.)
General Electric Company. (See Wild, Albert F., assignor.)
General Electric Company. (See Willis, Clodius H., assignor.)
General Electric Company. (See Willis, C. H., and Edwards.)
General Electric Company. (See Winestock, Theodore L., assignor.)
General Electric Company. (See Winter, Fred H., assignor.)
General Electric Company. (See Wood, Alexander P., assignor.)
General Electric Company. (See Worcester, Joseph A., Jr., assignor.)
General Electric Company. (See Yeadon, John R., assignor.)
General Electric Company. (See Zelt, Elmer J., assignor.)
General Electric Company Limited, The. (See Harrison, C. P., and Saunders, assignors.)
General Electric Corporation. (See Pierson, Leslie C., assignor.)
General Electric X-Ray Corporation. (See Atlee, Zed J., assignor.)
General Electric X-Ray Corporation. (See Atlee, Z. J., and Abbott, assignors.)
General Electric X-Ray Corporation. (See Atlee, Z. J., and Brackney, assignors.)
General Electric X-Ray Corporation. (See Atlee, Z. J., and Filmer, assignors.)
General Electric X-Ray Corporation. (See Atlee, Z. J., and Wilson, assignors.)
General Electric X-Ray Corporation. (See Grobe, Julius J., assignor.)
General Electric X-Ray Corporation. (See Kent, Henry A., assignor.)
General Electric X-Ray Corporation. (See Zunick, Michael J., assignor.)
General Engineering & Mfg. Co. (See Schreiber, J. H., and Dean, assignors.)
General Felt Products Inc. (See Person, Edward, assignor.)
General Fibre Box Company. (See Morgan, James J. assignor.)
General Fireproofing Company, The. (See Ball, A. J., Hoge, and Rudolph, assignors.)
General Foods Corporation. (See Fry, Lawrence A., assignor.)
General Foods Corporation. (See Kaufman, Charles W., assignor.)
General Industries Company, The. (See Roe, Howard A., assignor.)
General Instrument Corporation. (See Glaser, L. B., and Franey, assignors.)
General Manifold & Printing Co. (See Lewis, Edward Z., assignor.)
General Mills, Inc. (See Anderson, Helmer, assignor.)
General Mills, Inc. (See Borchardt, L. F., and Brastad, assignors.)
General Mills, Inc. (See Ferrari, C. G., and Hutchinson, assignors.)
General Mills, Inc. (See Huber, L. J., and Evans, assignors.)
General Mills, Inc. (See Jakobsen, Jakob L., assignor.)
General Mills, Inc. (See James, Thomas R., assignor.)
General Mills, Inc. (See Leahey, Garret D., assignor.)
General Mills, Inc. (See Nelson, Christian V., assignor.)
General Mills, Inc. (See Nobles, Warren H., assignor.)
General Mills, Inc. (See Nystrom, Lawrence V., assignor.)
General Mills, Inc. (See Slightam, Paul E., assignor.)
General Mills, Inc. (See Snyder, Donald J., assignor.)
General Motors Corporation. (See Alexander, Donald F., assignor.)
General Motors Corporation. (See Alexander, D. F., Hornaday, and Kuhn, assignors.)
General Motors Corporation. (See Allen, Ernest C., assignor.)
General Motors Corporation. (See Allen, Everett W., assignor.)
General Motors Corporation. (See Almen, John O., assignor.)
General Motors Corporation. (See Arthur, James L., assignor.)
General Motors Corporation. (See Baker, Albert D., assignor.)
General Motors Corporation. (See Baker, Malvern S., assignor.)
General Motors Corporation. (See Barlett, Helen B., assignor.)
General Motors Corporation. (See Beringer, Roscoe, assignor.)
General Motors Corporation. (See Blanchard, W. J., and MacNeil, assignors.)
General Motors Corporation. (See Blomberg, Martin P., assignor.)
General Motors Corporation. (See Bluemle, Arnold A., assignor.)
General Motors Corporation. (See Bock, Carl J., assignor.)
General Motors Corporation. (See Boegehold, Alfred L., assignor.)
General Motors Corporation. (See Boxell, Glen L., assignor.)
General Motors Corporation. (See Brackett, Tracy F., assignor.)
General Motors Corporation. (See Brittain, Richard J., Jr., assignor.)
General Motors Corporation. (See Bruner, Raymond A., assignor.)
General Motors Corporation. (See Burrell, Gilbert, assignor.)
General Motors Corporation. (See Candor, Robert R., assignor.)
General Motors Corporation. (See Carls, D. F., and McDuffie, assignors.)
General Motors Corporation. (See Carlson, Wilbur L., assignor.)
General Motors Corporation. (See Carney, Clifford R., assignor.)
General Motors Corporation. (See Chilton, William D., assignor.)
General Motors Corporation. (See Clark, Kendall, assignor.)
General Motors Corporation. (See Clements, F. O., Terry, and Henry, assignors.)
General Motors Corporation. (See Cobb, Leland D., assignor.)
General Motors Corporation. (See Criswell, Carmer, assignor.)
General Motors Corporation. (See Critchfield, Robert M., assignor.)
General Motors Corporation. (See Critchfield, R. M., Schneider, and Short, assignors.)
General Motors Corporation. (See Corbin, D. H., and Barrington, assignors.)
General Motors Corporation. (See Cotter, Bart, assignor.)
General Motors Corporation. (See Cowin, Stuart, H., assignor.)
General Motors Corporation. (See Daily, R. A., and Pritchard, assignors.)
General Motors Corporation. (See da Roza, F. G., and Bratton, assignors.)
General Motors Corporation. (See Davis, Dwillard J., assignor.)
General Motors Corporation. (See Dermond, Lawrence C., assignor.)
General Motors Corporation. (See Dickey, Ernest, assignor.)
General Motors Corporation. (See Diedring, John H., assignor.)
General Motors Corporation. (See Doane, Harry C., assignor.)
General Motors Corporation. (See Dodson, Carroll E., assignor.)
General Motors Corporation. (See Dow, G. S., Jr., and Onksen, assignors.)
General Motors Corporation. (See Dyer, John B., assignor.)
General Motors Corporation. (See Eshbaugh, Jesse E., assignor.)
General Motors Corporation. (See Eshbaugh, J. E., and McKinley, assignors.)
General Motors Corporation. (See Faige, Robert N., assignor.)
General Motors Corporation. (See Falge, R. N., and Mead, assignors.)
General Motors Corporation. (See Ferris, Donald K., assignor.)
General Motors Corporation. (See Fichter, L., and Kaegi, assignors.)
General Motors Corporation. (See Fichter, L. J., and Schwarz, assignors.)
General Motors Corporation. (See Freimann, Andrew C., assignor.)
General Motors Corporation. (See Fry, Millard E., assignor.)
General Motors Corporation. (See Gaiser, Martin W., assignor.)
General Motors Corporation. (See Gaugler, Richard S., assignor.)
General Motors Corporation. (See Gerstung, G. W., and Walker, assignors.)
General Motors Corporation. (See Geyer, Harvey D., assignor.)
General Motors Corporation. (See Geyer, H. D., and Moule, assignors.)
General Motors Corporation. (See Gibson, J. Lowell, assignor.)
General Motors Corporation. (See Gleszer, K. M., and Koehring, assignors.)
General Motors Corporation. (See Gould, Richard E., assignor.)
General Motors Corporation. (See Gould, R. E., and Henney, assignors.)
General Motors Corporation. (See Gretzinger, J. R., Battey, and Rabezzana, assignors.)
General Motors Corporation. (See Grooms, Albert O., assignor.)
General Motors Corporation. (See Haines, John F., assignor.)
General Motors Corporation. (See Harris, Marcus R., assignor.)

General Motors Corporation. (See Hartzell, Herman L., assignor.)
General Motors Corporation. (See Haynes, James L., assignor.)
General Motors Corporation. (See Heavener, Harvey R., assignor.)
General Motors Corporaton. (See Hill, Robert H., assignor.)
General Motors Corporation. (See Hillcoat, A., and Griffith, assignors.)
General Motors Corporation. (See Holin, William F., assignor.)
General Motors Corporation. (See Holmes, J. Q., and Gordon, assignors.)
General Motors Corporation. (See Holmes, J. Q., and Sample, assignors.)
General Motors Corporation. (See Horlacher, Elmer L., assignor.)
General Motors Corporation. (See Hornaday, James R., assignor.)
General Motors Corporation. (See Horning, Edwin L., assignor.)
General Motors Corporation. (See Huddle, Carl F., assignor.)
General Motors Corporation. (See Hughes, Frederick G., assignor.)
General Motors Corporation. (See Hull, Harry B., assignor.)
General Motors Corporation. (See Husband, Linton A., assignor.)
General Motors Corporation. (See Hutchinson, Philip H., assignor.)
General Motors Corporation. (See Jackman, Charles W., assignor.)
General Motors Corporation. (See Jacobs, James W., assignor.)
General Motors Corporation. (See Janes, Russel G., assignor.)
General Motors Corporation. (See Jebens, G. A., Snell, Heath, Fisher, Scott, and Mouw, assignors.)
General Motors Corporation. (See Jorgensen, Clarence H., assignor.)
General Motors Corporation. (See Jorgensen, C. H., and Desmond, assignors.)
General Motors Corporation. (See Kamrath, Herbert G., assignor.)
General Motors Corporation. (See Keller, Clarence J., assignor.)
General Motors Corporation. (See Kelley, Edward H., assignor.)
General Motors Corporation. (See Kelley, Oliver K., assignor.)
General Motors Corporation. (See Kirtland, H. C., and Hulsing, assignors.)
General Motors Corporation. (See Koehring, Roland P., assignor.)
General Motors Corporation. (See Kucher, Andrew A., assignor.)
General Motors Corporation. (See Kucher, A. A. McCormack, and Wolcott, assignors.)
General Motors Corporation. (See Kurtz, Lee L., assignor.)
General Motors Corporation. (See Lachapelle, Joseph F., assignor.)
General Motors Corporation. (See Lauer, C. J., Bowers, and Forshee, assignors.)
General Motors Corporation. (See Lawson, John W., assignor.)
General Motors Corporation. (See Lignian, Jean A., assignor.)
General Motors Corporation. (See Liliquist, Torsten O., assignor.)
General Motors Corporation. (See Loewy, Raymond, assignor.)
General Motors Corporation. (See MacGregor, B. N., and Scofield, assignors.)
General Motors Corporation. (See Manning, William H., assignor.)
General Motors Corporation. (See Manning, W. H., and Smart, assignors.)
General Motors Corporation. (See Martin, T. B., and Berninger, assignors.)
General Motors Corporation. (See Marvin, John T., assignor.)
General Motors Corporation. (See McCormack, Alex A., assignor.)
General Motors Corporation. (See McDorman, William P., assignor.)
General Motors Corporation. (See McDuffie, Archie D., assignor.)
General Motors Corporation. (See Mears, William T., assignor.)
General Motors Corporation. (See Melke, Carroll C., assignor.)
General Motors Corporation. (See Miller, George E., assignor.)
General Motors Corporation. (See Miller, Sidney E., assignor.)
General Motors Corporation. (See Mougey, H. C., and Wirshing.)
General Motors Corporation. (See Moule, Rex E., assignor.)
General Motors Corporation. (See Muller, Lloyd E., assignor.)
General Motors Corporation. (See Muller, M., Schwartzwalder, and McDougal, assignors.)
General Motors Corporation. (See Nusbaum, R. E., and Hackett, assignors.)
General Motors Corporation. (See Ogden, Jack, assignor.)
General Motors Corporation. (See Olt, Richard G., assignor.)
General Motors Corporation. (See (Onksen, G. W., assignor), and Duell.)
General Motors Corporation. (See Packard, Robert H., assignor.)
General Motors Corporation. (See Pearce, George C., assignor.)
General Motors Corporation. (See Peterson, Otto N., assignor.)
General Motors Corporation. (See Pickwell, Glenn V., assignor.)
General Motors Corporation. (See Poole, Lora E., assignor.)
General Motors Corporation. (See Poole, L. E., and Fausset, assignors.)
General Motors Corporation. (See Preble, Paul H., assignor.)
General Motors Corporation. (See Rabezzana, Hector, assignor.)
General Motors Corporation. (See Rady, William J., assignor.)
General Motors Corporation. (See Rasmussen, O., and Baugh, assignors.)
General Motors Corporation. (See Reeves, Donald H., assignor.)
General Motors Corporation. (See Reid, William L., assignor.)
General Motors Corporation. (See Reinsch, Earl W., assignor.)
General Motors Corporation. (See Rice, Ira A., assignor.)
General Motors Corporation. (See Richardson, Ralph A., assignor.)
General Motors Corporation. (See Rike, Richard C., assignor.)
General Motors Corporation. (See Rippingille, Edward V., assignor.)
General Motors Corporation. (See Roberts, Julius, assignor.)
General Motors Corporation. (See Roedding, Gordon E., assignor.)
General Motors Corporation. (See Roedding, G. E., and Falge, assignors.)
General Motors Corporation. (See Rohr, H. C., and Contant, assignors.)
General Motors Corporation. (See Rollert, Edward D., assignor.)
General Motors Corporation. (See Rossman, Edwin F., assignor.)
General Motors Corporation. (See Schanstra, Hendrick L., assignor.)
General Motors Corporation. (See Schjolin, Hans O., assignor.)
General Motors Corporation. (See Schutt, A. J., and de Beaubien, assignors.)
General Motors Corporation. (See Schwars, B. A., and Fichter, assignors.)
General Motors Corporation. (See Schweller, Edmund F., assignor.)
General Motors Corporation. (See Schweller, E. F., and Wurts, assignors.)
General Motors Corporation. (See Schweller, Sylvester M., assignor.)
General Motors Corporation. (See Seabury, R. L., and Daily, assignors.)
General Motors Corporation. (See Shewmon, Ralph K., assignor.)
General Motors Corporation. (See Shroyer, G. A., Gould, and Moule, assignors.)
General Motors Corporation. (See Simpson, Emory G., assignor.)
General Motors Corporation. (See Smith, Nelson J., assignor.)
General Motors Corporation. (See Smith, Robert W., assignor.)
General Motors Corporation. (See Smith, William, Jr., assignor.)
General Motors Corporation. (See Spalding, G. A., and Palmer, assignors.)
General Motors Corporation. (See Spicacci, Attilio R., assignor.)
General Motors Corporation. (See Steinmann, Robert, assignor.)
General Motors Corporation. (See Storer, Richard M., assignor.)
General Motors Corporation. (See Sullins, Howard H., assignor.)
General Motors Corporation. (See Talmage, Charles R., assignor.)
General Motors Corporation. (See Teeter, Wilford H., assignor.)
General Motors Corporation. (See Terry, M. C., and Komroff, assignors.)
General Motors Corporation. (See Thompson, Earl A., assignor.)
General Motors Corporation. (See Thornburg, Herbal A., assignor.)
General Motors Corporation. (See Todd, Edwin T., assignor.)

General Motors Corporation. (See Truxell, Clyde W., Jr., assignor.)
General Motors Corporation. (See Valentine, Richard H., assignor.)
General Motors Corporation. (See Van Degrift, Thomas C., assignor.)
General Motors Corporation. (See Watts, A. P., and Schwartzwalder, assignors.)
General Motors Corporation. (See Werner, Calvin J., assignor.)
General Motors Corporation. (See White, Joe, assignor.)
General Motors Corporation. (See Williams, John G., assignor.)
General Motors Corporation. (See Winkelmeyer, Robert D., assignor.)
General Motors Corporation. (See Wirtz, Frank E., assignor.)
General Motors Corporation. (See Wolfram, William S., assignor.)
General Motors Corporation. (See Wright, Manfred G., assignor.)
General Motors Corporation. (See Wright, M. G., and Gaiser, assignors.)
General Motors Corporation. (See Zink, George A., assignor.)
General Oil Heating Corporation. (See Carter, George I., assignor.)
General Outdoor Advertising Co. (See Guyral, Samuel S., assignor.)
General Panel Corporation. (See Wachsmann, K. L., and Gropius, assignors.)
General Printed String Company. (See Mueller, Carl E., assignor.)
General Printing Ink Corporation. (See Wekeman, Stephen N., assignor.)
General Properties Company. (See Myler, William M., Jr., assignor.)
General Radio Company. (See Scott, Hermon H., assignor.)
General Radio Company. (See Tuttle, William N., as signor.)
General Railway Signal Company. (See Field, Oscar S., assignor.)
General Railway Signal Company. (See Halles, W. D., and Barker, assignors.)
General Railway Signal Company. (See Howe, Winthrop K., assignor.)
General Railway Signal Company. (See Judge, Thomas J., assignor.)
General Railway Signal Company. (See Phinney, R. M., and Davison, assignors.)
General Railway Signal Company. (See Phinney, R. M., and Field, assignors.)
General Railway Signal Company. (See Preston, Neil D., assignor.)
General Railway Signal Company. (See Preston, N. D., and Hitchcock, assignors.)
General Railway Signal Company. (See Rees, Frank X., assignor.)
General Railway Signal Company. (See Reichard, Wade H., assignor.)
General Railway Signal Company. (See Reid, Arthur E., assignor.)
General Railway Signal Company. (See Scheg, Marcian A., assignor.)
General Railway Signal Company. (See Stephenson, James E., assignor.)
General Railway Signal Company. (See Webster, O. B., and Coley, assignors.)
General Railway Signal Company. (See Wight, Sedgwick N., assignor.)
General Railway Signal Company. (See Wight, S. N., and Field, assignors.)
General Railway Signal Company. (See Willing, Joseph E., assignor.)
General Railway Signal Company. (See Wynn, Harold S., assignor.)
General Refractories Company. (See Boyd, William H., assignor.)
General Refractories Company. (See Cowan, E. G., and Coder, assignors.)
General Register Corporation. (See Helsel, Reuben H., assignor.)
General Scientific Corporation. (See Ciszki, Irving, assignor.)
General Steel Castings Corporation. (See Doerr, Harry E., assignor.)
General Steel Castings Corporation. (See Frede, Charles F., assignor.)
General Steel Castings Corporation. (See Frede, C. F., and Jackson, assignors.)
General Steel Castings Corporation. (See Gilchrist, Thomas R., assignor.)
General Steel Castings Corporation. (See Gilchrist, T. R., and Burdick, assignors.)
General Steel Castings Corporation. (See Meyer, W. H., and Jackson, assignors.)
General Steel Castings Corporation. (See Pflager, Harry M., assignor.)
General Steel Castings Corporation. (See Pflager, H. M., and Jackson, assignors.)
General Steel Castings Corporation. (See Sheehan, W. M., and Wharton, Jr., assignors.)
General Steel Castings Corporation. (See Travilla, James C., Jr., assignor.)
General Steel Castings Corporation. (See Travilla, J. C., Jr., and Jackson, assignors.)
General Timber Service, Inc. (See MacKenzie, Neal T., assignor.)
General Time Instruments Corporation. (See Amend, A., Jr., and Eidmann, assignors.)
General Time Instruments Corporation. (See Engel, G. C., and Amend, Jr., assignors.)
General Time Instruments Corporation. (See Hasselman, A. J., and Beiser, assignors.)
General Time Instruments Corporation. (See Lorenz, Richard L., assignor.)
General Time Instruments Corporation. (See Schienker, Max E., assignor.)
General Tire & Rubber Company, The. (See Dodge, Howard M., assignor.)
General Tire & Rubber Company, The. (See Dodge, H. M., and Bush, assignors.)
General Tire & Rubber Company, The. (See Knapp, William C., assignor.)
General Tire & Rubber Company, The. (See Kraft, Herman T., assignor.)
General Tire & Rubber Company, The. (See Kraft, H. T., and Kozopas, assignors.)
General Tire & Rubber Company, The. (See Kraft, H. T., and W. C. McCoy, assignors.)
General Tire & Rubber Company. (See Pfeiffer, Paul O., assignor.)
General Tire & Rubber Company, The. (See Reymond, G. M., and Swart, assignors.)
General Tire & Rubber Company, The. (See Wheatley, George, assignor.)
Geneva Processes, Inc. (See McLean, William A., assignor.)
Gengler, Edwin J., Milwaukee, Wis., assignor to P. J. Coleman, Highland Park, Ill. Milking timer. 2,351,675; June 20.
Gensamer, Maxwell, Pittsburgh, Pa., assignor to Carnegie-Illinois Steel Corporation. Manufacture of nonaging steel. 2,360,868; Oct. 24.
Gent, Edgar W., Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Pneumatic ticket distributing system. 2,345,967; Apr. 4.
Gent, Edgar W., Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Air motor. 2,351,328; June 13.
Gente, Ernst, Berlin-Siemensstadt, Germany; vested in the Alien Property Custodian. Turbine disk. 2,338,926; Jan. 11.
Genter, Harold C. (See Sardeson, Robert, assignor.)
Gentil, Henri L., Paris, France, assignor to Alloy Processes Limited, London, England. Reduction of magnesium. 2,354,253; July 25.
Gentry, Eunice E., administratrix. (See Gentry, John H.)
Gentry, George C., U. S. Army, Oakwood, Ohio. Turret drive for guns. 2,354,204; July 25.
Gentry, John H., deceased, near Greentown, Ind.; E. E. Gentry, administratrix. Power shovel unit. 2,363,860; Nov. 28.
Gentry, William W., Chickasha, Okla. Vehicle body construction. 2,355,794; Aug. 15.
George, Everett D., Ridley Park, Pa., and H. M. Brown, Cuyahoga Falls, Ohio, assignors to Wingfoot Corporation, Wilmington, Del. Rubber valve handling apparatus. 2,351,200; June 13.
George, Frank C., Orlando, Fla. Mold core element. 2,359,214; Sept. 26.
George, Glenn C., Omaha, Nebr. Lading brace. 2,340,374; Feb. 1.
George, Harry F., Chicago, Ill. Flush type door handle. 2,348,065; May 2.
George, Harry F., Chicago, Ill. Screw cap. 2,363,665; Nov. 28.
George, Melvin F., Jr. (See Hamilton, W. F., George, and Simon.)
George, Percy F., assignor to The Dow Chemical Company, Midland, Mich. Preventing corrosion of light-metal surfaces. 2,348,678; May 9.
George, Roscoe H., and R. C. Webb, West Lafayette, Ind., assignors to Radio Corporation of America. Absorption modulation. 2,350,552; June 6.
Georgi, Carl, South Norwalk, Conn., assignor to Snyder and Black, New York, N. Y. Calendar and diary. 2,354,589; July 25.
Georgi, Edmund A., assignor to Hercules Powder Company, Wilmington, Del. Heat-treated rosin size. 2,351,949; June 20.
Georgi, Edmund A., assignor to Hercules Powder Company, Wilmington, Del. Dry rosin size. 2,364,965; Dec. 12.
Georgopoulos, Michael L., Washington, D. C. Detachable antislipping device for use on either shoes or overshoes. 2,343,373; Mar. 7.
Gephart Manufacturing Co. (See Harsted, Harry H., assignor.)
Gerahty, James D., New York, N. Y. Container. 2,358,569; Sept. 19.
Geralds, Jerry, assignor to Mid-West Wire Products Company, Inc., Detroit, Mich. Basket structure. 2,364,705; Dec. 12.

Geraldson, Gerald, Rockford, Ill., assignor to J. I. Case Company, Racine, Wis. Tractor attachment. 2,354,094; July 18.

Gerard, Roy H. (See Schwager, A. C., and Gerard.)

Gerber, Jack, Chicago, Ill. Arch support. 2,366,096; Dec. 26.

Gerber, Jack S., and W. D. Redforn, Bradford, England. Stirring or circulating molten or liquid materials or mediums. 2,363,582; Nov. 28.

Gerbig, Sidney A., Faribault, Minn. Connecting rod regrinding machine. 2,365,068; Dec. 12.

Gerdes, Henry D., Davenport, Iowa. Tote pan carrier. 2,358,801; Sept. 26.

Gerecs, Arpád. (See König, Gerecs, and Földi.)

Gerendas, Miksa, Budapest, Hungary; vested in the Alien Property Custodian. Closing and clamping device. 2,338,927; Jan. 11.

Gerhard, Ernst, Berlin, Germany; vested in the Alien Property Custodian. Directional antenna with suppressed lobes or ears. 2,354,254; July 25.

Gerhard, Sherman L., La Grange, Ga., assignor to United States Rubber Company, New York, N. Y., Controlling the tension of strands. 2,354,913; Aug. 1.

Gerhardt, Andrew H., Skokie, assignor to Electric Household Utilities Corporation, Chicago, Ill. Agitator construction. 2,356,312; Aug. 22.

Gerhardt, Andrew H., Niles Center, assignor to Electric Household Utilities Corporation, Chicago, Ill. Ironing machine. 2,362,625; Nov. 14.

Gerhart, Edwin T. (See Border, L. E., and Gerhart.)

Gerhart, Howard L. (See Lycan, W. H., and Gerhart.)

Gerhart, Howard L., Milwaukee, Wis., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Artificial drying oil. 2,361,018; Oct. 24.

Gerhart, Howard L., Milwaukee, Wis., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Resinous composition and preparing the same. 2,361,019; Oct. 24.

Gerhart, Howard L., and G. E. Ellerman, Milwaukee, Wis., assignors to Pittsburgh Plate Glass Company. Plasticization of resinous compositions. 2,359,103; Sept. 26.

Gerhold, Clarence G. (See Pyzel, R., and Gerhold.)

Gerhold, Clarence G., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of paraffin hydrocarbons. 2,354,641; July 25.

Gerhold, Clarence G., assignor to Universal Oil Products Company, Chicago, Ill. Preventing reboiler scaling. 2,365,543; Dec. 19.

Gerig, Andrew, Ridgefield, Conn. Chemically heated liquid container. 2,352,951; July 4.

Gerlich, Valentine, New York, N. Y. Ever-ready air jacket. 2,346,019; Apr. 4.

Gerlich, Valentine, New York, N. Y. Collapsible crane or platform tower. 2,363,784; Nov. 28.

Gerin, Fernand L., Sandusky, Ohio, assignor to Bocji Corporation, Pittsburgh, Pa. Apparatus for oil purification. 2,345,595; Apr. 4.

Gerity, William, Rutherford, N. J., assignor to The Patent and Licensing Corporation, New York, N. Y. Manufacturing asbestos-cement shingles or the like 2,348,804; May 16.

Gerken, August H., Kansas City, Mo. Weed puller. 2,356,632; Sept. 19.

Gerlach, Charles, assignor to Michael Yuhdt Company, Waukesha, Wis. Automatic-stopping mechanism for bottle washing machinery. 2,340,465; Feb. 1.

Gerlach, Glendon T. (See Kos, A. S., Gerlach, and Altman.)

Gerlach, Glendon T., P. Altman, and A. S. Kos, Detroit, Mich., assignors, by mesne assignments, to Consolidated Vultee Aircraft Corporation. Structural panel. 2,361,620; Oct. 31.

Gerlicher, Robert A., Cranford, and J. H. Bannon, Union, N. J., assignors to Standard Oil Development Company. Low temperature grease. 2,356,313; Aug. 22.

Gerlough, Tillman D., Highland Park, N. J., assignor to E. R. Squibb & Sons, New York, N. Y. Fractionating mixtures of bacterial origin. 2,340,318; Feb. 1.

German, Henry V. (See Daniels, Albert O.)

Gernandt, Waldo G., assignor to Briggs Manufacturing Company, Detroit, Mich. Engine. 2,364,029; Dec. 12.

Gernow, Aage, Copenhagen, Denmark; vested in the Alien Property Custodian. Preserving vegetables, fruits, and similar vegetable food by drying and briquetting. 2,351,950; June 20.

Gerrard, John M., Chicago, Ill. Band reel. 2,347,552; Apr. 25.

Gerrard, William, Timperley, and W. Harris, Altrincham, assignors to Linotype and Machinery Limited, London, England. Pump. 2,340,525; Feb. 1.

Gerson, Gerhard, Keego Harbor, Mich., assignor to Phillips Petroleum Company. Liquid feed carburetor. 2,344,139; Mar. 14.

Gerson, Gerhard, Bartlesville, Okla., assignor to Phillips Petroleum Company. Fuel feed system. 2,357,947; Sept. 12.

Gerson, Gerhard, Bartlesville, Okla., assignor to Phillips Petroleum Company. Liquid feed carburetor. 2,361,761; Oct. 31.

Gerson, Gerhard, Bartlesville, Okla., and D. B. Byers, Sylvan Lake Village, Mich., assignors to Phillips Petroleum Company. Fuel proportioning device for internal combustion engines. 2,339,988; Jan. 25.

Gerson, Seymour, Morristown, Tenn. Lining for textile shuttles. 2,343,659; Mar. 7.

Gerst, Chris, Dearborn, assignor, by mesne assignments, to Transmission Specialties Company, Detroit, Mich. Clutch structure. 2,358,492; Sept. 19.

Gerst, Chris, Dearborn, assignor, by mesne assignments, to Transmission Specialties Company, Detroit, Mich. Transmission. 2,361,190; Oct. 24.

Gerstel, Fred V., et al. (See Kramer, Ferdinand, assignor.)

Gersten, William, Brooklyn, N. Y. Cabinet. 2,339,694; Jan. 18.

Gerstenberger, Albin, Zella-Mehlis in Thuringia, Germany; vested in the Alien Property Custodian. Aiming apparatus. 2,350,750; June 6.

Gerstenmaier, John H., St. Marys, assignor to Wingfoot Corporation, Akron, Ohio. Method and apparatus for making rubber torsion units. 2,351,329; June 13.

Gerstung, George W., and H. Walker, Lockport, N. Y., assignor to General Motors Corporation, Detroit, Mich. Oil cooler. 2,360,123; Oct. 10.

Gerth, Rudolf. (See Knichahn, W., Geiser, Shüler, Gerth, and Witt.)

Gertler, Samuel I., and H. L. J. Haller, Washington, D. C., assignors to the United States of America, as represented by Claude R. Wickard, Secretary of Agriculture, and his successors in office. Insecticide. 2,349,344; May 23.

Gertler, Samuel I., and H. L. J. Haller, Washington, D. C., assignors to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Insecticide. 2,362,128; Nov. 7.

Gesell, Frank A., Belleville, N. J. Shoe horn. 2,366,097; Dec. 26.

Gess, Louis. (See Rooth, J. G., and Gess.)

Gess, Louis, Jenkintown, assignor to The Brown Instrument Company, Philadelphia, Pa. Indicating instrument. 2,346,422; Apr. 11.

Gessler, Albert E., New York, and D. J. Bernardi, Astoria, Long Island, assignors to Interchemical Corporation, New York, N. Y. Printing method and paper for use therein. 2,347,047; Apr. 18.

Gessler, Albert E., Scarsdale, N. Y., and W. F. Goepfert, East Orange, N. J., assignors to Interchemical Corporation, New York, N. Y. Transfer sheet and ink therefor. 2,357,948; Sept. 12.

Gessler, Otto C., Detroit, Mich. Concealed hinge. 2,364,437; Dec. 5.

Gessner, David, assignor to G. C. Gessner, Worcester, Mass. Open-width washer. 2,342,266; Feb. 22.

Gessner, David, deceased; G. C. Gessner, executrix, assignor to David Gessner Company, Worcester, Mass. Humidifying apparatus. 2,344,942; Mar. 28.

Gessner, David, deceased; G. C. Gessner, executrix, assignor to David Gessner Company, Worcester, Mass. Rotary cloth finishing press. 2,357,185; Aug. 29.

Gessner, David, Company. (See Gessner, David, assignor.)

Gessner, Gertrude C., executrix. (See Gessner, David.)

Gessner, Gertrude C. (See Gessner, David, assignor.)

Getas, James L., Maryville, Tenn. Hosiery. 2,344,350; Mar. 14.

Getteiman, Fredrick, Milwaukee, Wis. Road icebreaker. 2,351,755; June 20.

Getz, Charles, Urbana, Ill., assignor, by mesne assignments, to Aeration Processes, Inc., Columbus, Ohio. Ice cream and ice cream making. 2,343,767; Mar. 7.

Getz, Charles A., Glen Ellyn, assignor, by mesne assignments, to Reconstruction Finance Corporation, Chicago, Ill. Fire-extinguishing method and apparatus. 2,341,436; Feb. 8.

Getz, Charles A., Glen Ellyn, assignor, by mesne assignments, to Reconstruction Finance Corporation, Chicago, Ill. Fire-extinguishing method and apparatus. 2,341,437; Feb. 8.

Getz, Charles A., Glen Ellyn, and E. K. Kuhles, Wilmette, assignors, by mesne assignments, to Reconstruction Finance Corporation, Chicago, Ill. Control box for fire extinguisher. 2,356,989; Aug. 29.

Getz, Charles A., Glen Ellyn, assignor, by mesne assignments, to Reconstruction Finance Corporation, Chicago, Ill. Fire extinguishing system. 2,356,990; Aug. 29.

Getz, Charles A., Glen Ellyn, and G. Weidmann, Chicago, Ill. Vitreous enamel coated objects and producing the same. 2,360,413; Oct. 17.

Getz, Delmond L. (See Scholl, C., and Getz.)

Geuder, Paeschke & Frey Co. (See Palmer, J. Neil, assignor.)

Gey, Theodore A., Norristown, Pa. Fastener means for bands and the like. 2,341,608; Feb. 15.

Gey, William H., Boston, assignor to Geyarn Manufacturing Company, Charlestown, Boston, Mass. Flat-iron holder. 2,341,090; Feb. 8.

Geyarn Manufacturing Company. (See Gey, William H., assignor.)

Geyer, Harvey D., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Fluid seal. 2,352,784; July 4.

Geyer, Harvey D., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Clutch. 2,359,104; Sept. 26.

Geyer, Harvey D., and R. E. Moule, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich. Power tranamission device. 2,365,544; Dec. 19.

Geyer, Walter, Berlin-Sudende, Germany; vested in the Alien Property Custodian. Film treating machine. 2,338,422; Jan. 4.

Geyger, Wilhelm, Berlin-Schmargendorf, Germany; vested in the Alien Property Custodian. Apparatus for measuring direct currents or voltages. 2,338,423; Jan. 4.

Gfeller, Ernst, Prattein, near Basel, Switzerland; vested in the Alien Property Custodian. Method and apparatus for cooling and drying acetylene. 2,357,186; Aug. 29.

Gfrorer, Albert H., Bernardsville, N. J., assignor to Lewis-Shepard Company, Watertown, Mass. Power truck. 2,362,129; Nov. 7.

Ghertman, Ioino, St. Mande, France, assignor to International Business Machines Corporation, New York, N. Y. Accounting machine. 2,340,741; Feb. 1.

Ghertman, Ioino, St. Mande, France, assignor to International Business Machines Corporation, New York, N. Y. Automatic punching machine. 2,364,207; Dec. 5.

Ghez, Henry and O., New York, N. Y. Sectional sole and connecting means therefor. 2,342,188; Feb. 22.

Ghez, Henry and O., New York, N. Y. Articulated sole of wood or other stiff material. 2,352,532; June 27.

Ghez, Oscar. (See Ghez, Henry and O.)

Giammaria, John J. (See Reiff, O. M., and Giammaria.)

Giammatteo, Charles. (See Judd, C. H., and Giammatteo.)

Giannini, Gabriel M., North Hollywood, Calif., assignor, by mesne assignments, to Automatic Electric Laboratories, Inc., Chicago, Ill. Loud-speaking telephone system. 2,341,539; Feb. 15.

Giannini, Gabriel M., North Hollywood, Calif., assignor, by mesne assignments, to Consolidated Vultee Aircraft Corporation. Damping device for airplane control surfaces. 2,342,578; Feb. 22.

Giannini, Gabriel M., North Hollywood, Calif., and B. Eisenberg, Brooklyn, N. Y., assignors, by mesne assignments, to Automatic Electric Laboratories, Inc. Transmission system. 2,365,187; Dec. 19.

Giardini, Virgilio, Milan, Italy; vested in the Alien Property Custodian. Limb guard. 2,338,424; Jan. 4.

Glauque, Robert E. (See Jacocks, G. T., and Glauque.)

Glbb, Edwin D., U. S. Navy. Amusement or exercising device. 2,364,137; Dec. 5.

Glbb, John A., New Rochelle, assignor to The Lummus Company, New York, N. Y. Catalytic apparatus. 2,361,020; Oct. 24.

Glbb, John A., Northport, N. Y., and J. F. Thornton, Los Angeles, Calif., assignors to The Lummus Company, New York, N. Y. Bubble cap and down-pipe unit. 2,361,021; Oct. 24.

Glbbert, Christian P., Sellersville, Pa., assignor to General Electric Company. Electrode holder. 2,358,158; Sept. 12.

Glbbons, Charles G., Cambridge, Mass. Fuse. 2,339,261; Jan. 18.

Glbbons, Chester H., Drexel Hill, Pa., assignor to The Baldwin Locomotive Works. Apparatus for indicating departure from normal rate of train of progressively stressed specimens. 2,346,132; Apr. 11.

Glbbons, Edwin J., East Providence, R. I., assignor to Thomas French & Sons, Ltd., New York County, N. Y. Ladder web with different colored bands. 2,348,170; May 2.

Glbbs, Carlin F., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Arylamino dihydrobenzofurane. 2,342,135; Feb. 22.

Glbbs, Carlin F., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Antioxidant. 2,342,136; Feb. 22.

Glbbs, Carlin F., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Antioxidant. 2,342,137; Feb. 22.

Glbbs, Carlin F., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Collecting quinone. 2,342,538; Feb. 22.

Glbbs, Carlin F., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Preparation of quinones. 2,343,768; Mar. 7.

Glbbs, Carlin F., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Antioxidant. 2,359,360; Oct. 3.

Glbbs, Carlin F., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Antioxidant for rubber. 2,362,479; Nov. 14.

Glbbs, Carlin F., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Antioxidant. 2,366,018; Dec. 26.

Glbbs & Cox, Incorporated. See Christoffersen, Christoffer, assignor.)

Glbbs, John C., South Gate, Calif., assignor to Anchor Hocking Glass Corporation, Lancaster, Ohio. Machine for making closure caps. 2,343,006; Feb. 29.

Glbbs, John C., Brooklyn, assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y. Machine for making closure caps. 2,349,037; May 16.

Glbbs, John H., Jamaica, assignor to The Reader's Digest Association, Inc., Pleasantville, N. Y. Mechanism for coloring address plates. 2,349,163; May 16.

Glbbs, Thomas B. (See Fink, J., and Glbbs.)

Glbbs, Thomas B., Delavan, Wis., assignor, by mesne assignments, to George W. Borg Corporation, Chicago, Ill. Variable frequency generator. 2,340,875; Feb. 8.

Glbbs, Thomas B., Delavan, Wis., assignor, by mesne assignments, to George W. Borg Corporation, Chicago, Ill. Timing apparatus. 2,343,452; Mar. 7.

Glbbs, Thomas B., Delavan, Wis., assignor, by mesne assignments, to George W. Borg Corporation, Chicago, Ill. Timing apparatus. 2,360,053; Oct. 10.

Glbbs, Thomas B., Delavan, Wis., assignor, by mesne assignments, to George W. Borg Corporation, Chicago, Ill. Timing apparatus. 2,361,281; Oct. 24.

Glbbs, Thomas B., and J. Fink, Delavan, Wis., assignors to George W. Borg Corporation, Chicago, Ill. Electric clock. 2,340,182; Jan. 25.

Glbbs, Thomas B., and J. Fink, Delavan, Wis., assignors to George W. Borg Corporation, Chicago, Ill. Electric clock. 2,357,645; Sept. 5.

Glbbs, Thomas B., M. E. Brown, and P. B. Wickham, Delavan, Wis., assignors, by mesne assignments, to George W. Borg Corporation, Chicago, Ill. Timing apparatus. 2,356,991; Aug. 29.

Glbbs, William E., Milwaukie, Oreg. Hollow throat saw bit. 2,360,336; Oct. 17.

Giberson, Frank, South Lyons, Mich. Extensible lunch box. 2,350,224; May 30.

Gibson, Anna, et al., executors. (See Gibson, George H.)

Gibson, Archie C., Baltimore, Md. Drive for landing gear wheels of airplanes. 2,363,126; Nov. 21.

Gibson, Carl W., Linden, N. J., assignor to Coppus Engineering Corporation, Worcester, Mass. Rotary burner for gas and oil. 2,351,421; June 13.

Gibson, Clair J., Los Angeles, Calif. Oil well and casing cleaning brush. 2,362,198; Nov. 7.

Gibson, Donald L., West Chester, and W. M. Shoemaker, Kennett Square, Pa., assignors to National Vulcanized Fibre Company, Wilmington, Del. Acetylation of cellulose. 2,348,001; May 2.

Gibson Electric Refrigerator Corporation. (See Rutenber, Edwin A., assignor.)

Gibson, Essie M., Garvey, Calif. Container. 2,360,414; Oct. 17.

Gibson, George, et al., executors. (See Gibson, George H.)

Gibson, George H., deceased, Montclair, N. J.; A. and G. Gibson, executors. Variable speed electrical drive. 2,345,805; Apr. 4.

Gibson, Henry L., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Fine adjustment mechanism. 2,363,409; Nov. 21.

Gibson, James D., Bartlesville, Okla., assignor to Phillips Petroleum Company. Treatment of mixtures of hydrocarbons and hydrofluoric acid. 2,347,317; Apr. 25.

Gibson, J. Lowell, assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,355,289; Aug. 8.

Gibson Refrigerator Company. (See Benson, Ralph L., assignor.)

Gibson Refrigerator Company. (See Nofzinger, Earl E., assignor.)

Gibson Refrigerator Company. (See Roscbrook, Homer E., assignor.)

Gibson Refrigerator Company. (See Roth, Joseph N., assignor.)

Gibson Refrigerator Company. (See Roth, J. N., and Schurtz, assignors.)

Gibson Refrigerator Company. (See Rutenber, Edwin A., assignor.)

Gibson Refrigerator Company. (See Schurtz, R. E., and Roth, assignors.)

Gibson, Robert C., assignor to Parker Rust Proof Company, Detroit, Mich. Metal treatment. 2,351,605; June 20.

Gibson, Robert H., Springfield, Mass., and W. D. Crocker, Suffield, Conn., assignors to American Bosch Corporation, Springfield, Mass. Circuit breaker. 2,348,806; May 16.

Gibson, Robert M., Pittsburgh, Pa. Blast furnace. 2,338,175; Jan. 14.

Gibson, Sydney A. (See Olpin, H. C., Gibson, and Jones.)

Gibson, William C., O'Bannon, Ky. Electro-automatic document collector and distributor. 2,344,140; Mar. 14.

Giddings, F. D. (See Sorensen, Andrew, assignor.)

Giddings & Lewis Machine Tool Co. (See Gallimore, Keith F., assignor.)

Giddings & Lewis Machine Tool Co. (See Gallimore, K. F., and Langen, assignors.)

Giddings & Lewis Machine Tool Co. (See Gallimore, K. F., and Morgan, assignors.)

Gieffers, Friedrich, Berlin-Spandau, Germany; vested in the Alien Property Custodian. Variable resistor. 2,356,512; Aug. 22.

Gieffers, Friedrich, Berlin-Spandau, Germany; vested in the Alien Property Custodian. Variable resistor. 2,359,757; Oct. 10.

Giehne, Hellmut. (See Mueller-Cunradi, M., Giehne, and Krekeler.)

Gierthy, John J., Detroit, Mich. Engine construction. 2,349,231; May 16.

Giese, Arthur F., Denver, Colo. Clip loader. 2,353,397; July 11.

Gieseke, Elmer W. (See Jayne, D. W., Jr., Day, and Gieseke.)

Giesinger, Mathilde, New York, N. Y. Play ball. 2,362,064; Nov. 7.

Giesler, Blanche K., Washington, D. C. Infant's crib and the like. 2,355,525; Aug. 8.
Giesler, Jean V., assignor to The Fulton Syphon Company, Knoxville, Tenn. Temperature regulator. 2,353,889; July 18.
Giffen, Harvey D., Pico, assignor to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Tensiometer. 2,352,626; Nov. 14.
Gifford, Reuben W., University Heights, Ohio. Hat Fastener. 2,343,052; Feb. 29.
Gigger, Walter A., Barrington, R. I., assignor to Brown and Sharpe Manufacturing Company. Control device. 2,348,805; May 16.
Giguere, Marie F. G. Y. (nee Guimond). (See Guimond, Joseph A., assignor.)
Gil, Irving. (See Davis, J. A., and Gil.)
Gilardi, Adrian J., Galveston, Tex. Educational device. 2,359,907; Oct. 10.
Gilbert, A. C., Company, The. (See Frisbie, Marshall H., assignor.)
Gilbert, A. C., Company, The. (See Jordan, Richard H., assignor.)
Gilbert, Alfred G. (See Reece, R. H., and Gilbert.)
Gilbert & Barker Manufacturing Company. (See De Lancey, Warren H., assignor.)
Gilbert & Barker Manufacturing Company. (See Grise, Alfred L., assignor.)
Gilbert, Chester G. and G., assignors to Gilbert Process Corporation, Laurel, Md. Filter unit and making same. 2,361,092; Oct. 24.
Gilbert, Clyde L., assignor to American Coating Mills, Inc., Elkhart, Ind. Bottle carrier. 2,354,369; July 25.
Gilbert, Clyde L., assignor to American Coating Mills, Inc., Elkhart, Ind. Bottle carrier. 2,354,370; July 25.
Gilbert, Clyde L., assignor to American Coating Mills, Inc., Elkhart, Ind. Dispensing carton. 2,358,502; Sept. 19.
Gilbert, Clyde L., assignor to America Coating Mills, Inc., Elkhart, Ind. Reclosure carton. 2,360,415; Oct. 17.
Gilbert, Clyde L., Elkhart, Ind., assignor to Morris Paper Mills, Chicago, Ill. One-piece, handled bottle carrier. 2,362,905; Nov. 21.
Gilbert, Everett E., Elizabeth, assignor to Tide Water Associated Oil Company, Bayonne, N. J. Stabilized motor fuel. 2,348,290; May 9.
Gilbert, Everett E., New York, N. Y., assignor to Tide Water Associated Oil Company, Bayonne, N. J. Modified castor oil. 2,361,022; Oct. 24.
Gilbert, Geoffrey. (See Gilbert, Chester G. and G.)
Gilbert, Geoffrey, assignor to Gilbert Process Corporation, Plainfield, N. J. Lubricating oil filter for airplane engines. 2,352,315; June 27.
Gilbert, Harvey N., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Metal-cleaning process and composition. 2,353,026; July 4.
Gilbert, Herman W., Forest Hills, W. Deichmann, Elmont, and J. E. Frei, New York, N. Y.; said Deichmann and said Frei, assignors to said Gilbert. Automatic cloth laying-up machine. 2,360,869; Oct. 24.
Gilbert, Horace M. and W. H., H. S., and J. W. Tunningley, Gaines, Mich. Conveying and elevating machine. 2,354,990; Aug. 1.
Gilbert, Howard E., University City, assignor to L. Lipman, St. Louis, Mo. Thread gauge. 2,361,621; Oct. 31.
Gilbert, Lewis W., Bradford, Pa., assignor to F. Keiper, Rochester, and N. E. B. Gilbert, Seneca Falls, N. Y. Device to regulate the depth of gasoline in the float chambers of the carburetors. 2,340,876; Feb. 8.
Gilbert, Marcella R., Los Angeles, Calif. Coating metallic articles. 2,341,513; Feb. 15.
Gilbert, Nora E. B., et al. (See Gilbert, Lewis W., assignor.)
Gilbert, Paul E., Los Angeles, Calif. Knife holder. 2,357,646; Sept. 5.
Gilbert Process Corporation. (See Gilbert, Geoffrey, assignor.)
Gilbert Process Corporation. (See Gilbert, Chester G. and G., assignors.)
Gilbert, Walton E. (See Brumleu, E. C., and Gilbert.)
Gilbert, Walter E., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Push-pull electron tube system. 2,361,282; Oct. 24.
Gilbert, Walton E., Los Angeles, assignor to Shell Development Company, San Francisco, Calif. Bottom hole intermitter for pumping wells. 2,349,164; May 16.
Gilbert, Wheeler C. (See Heiser, M. G., and Gilbert.)
Gilbert, William L., Clock Corporation, The. (See Heymann, Roy D., assignor.)
Gilbert, William L., Clock Corporation. (See Jauch, Christian, assignor.)
Gilbertson, John A. (See Callahan, J. T., and Gilbertson.)
Gilchrist, Thomas R., Yeadon, Pa., assignor to General Steel Castings Corporation, Granite City, Ill. Railway vehicle. 2,349,545; May 23.
Gilchrist, Thomas R., Yeadon, and W. E. Burdick, Springfield, Pa., assignors to General Steel Castings Corporation, Granite City, Ill. Railway truck. 2,365,406; Dec. 19.
Giles, Charles H., and D. G. Wilkinson, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Treatment of cellulose esters and ethers. 2,340,375; Feb. 1.
Giles, Joseph W. and W. J., assignors to Jersey Cigar Machines, Inc., Belleville, N. J. Mechanism for making bunch charges. 2,339,563; Jan. 18.
Giles, Joseph W. and W. J., assignors to Jersey Cigar Machines, Inc., Belleville, N. J. Method of and apparatus for making bunches. 2,350,225; May 30.
Giles, Louis E. (See Adair, M., and Henderson, assignors.)
Giles, William J. (See Giles, Joseph W. and W. J.)
Gilfillan, Henry W., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Power transmission. 2,342,158; Feb. 22.
Gilfillan, Henry W., Detroit, and E. L. Bailey, Birmingham, assignors to Chrysler Corporation, Highland Park, Mich. Power transmission. 2,343,291; Mar. 7.
Gilfillan, Paul M., and I. Gurwick, assignors to Shellmar Products Company, Mount Vernon, Ohio. Container and method of manufacture. 2,354,590; July 25.
Gilhooly, John E. (See Naumann, E. J., and Gilhooly.)
Gill, Edwin R., Sr., Hastings-on-Hudson, N. Y. Bellows type pump. 2,363,410; Nov. 21.
Gill, Ferdinand A., Chicago, Ill. Insect-repelling fabric and garment. 2,344,811; Mar. 21.
Gill, Ferdinand A., Chicago, Ill. Heating apparatus. 2,344,812; Mar. 21.
Gill, Florence B., Streator, Ill. Knee protector. 2,363,058; Nov. 21.
Gill, Fred A., Lebanon, Pa., assignor of one-half to G. W. Sackett, Christiansburg, Va. Cutter for dredges. 2,340,216; Jan. 25.
Gill, George H., Manhattan Beach, assignor to The Garrett Corporation, Airesearch Manufacturing Company division, Los Angeles, Calif. Electrical flap control. 2,348,212; May 9.
Gill, George H., Manhattan, Beach, assignor to The Garrett Corporation, Airesearch Manufacturing Company Division, Inglewood, Calif. Oil cooler control. 2,354,371; July 25.
Gill, George T. (See Luce, Richard W., assignor.)
Gill, James C., et al. (See Sigler, Laurence M., assignor.)
Gill, Kathryn B., et al. (See Sigler, Laurence M., assignor.)
Gill, Ray H., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Anchor rivet. 2,343,143; Feb. 29.
Gillanders, Alexander C., West Hollywood, and H. H. Daggett, Los Angeles, Calif., assignors to Johnson & Johnson, New Brunswick, N. J. Holder and dispenser for rolled sheet material. Re. 22,565; Nov. 21.
Gillard, Herbert W., Oak Park, assignor to Infilco Incorporated, Chicago, Ill. Scum skimmer. 2,364,022; Nov. 28.
Gillard, Herbert W., and S. L. Adelson, Chicago, Ill., assignors to Infilco Incorporated. Sewage sampler. 2,348,806; May 16.
Gille, Nils J., Sandviken, Sweden. Arrangement for fixing the position of the strap fittings on the ring of the snow hoop of a ski stick. 2,365,869; Dec. 26.
Gillen, George A., Bronx, N. Y., assignor to The Connecticut Electric Manufacturing Co., Bantam, Conn. Flexible push-pull control. 2,348,121; May 2.
Gillen, Joseph A. (See Jennings, H. Y., and Gillen.)
Gillespie, Charles N., Jr., Brooklyn, N. Y., assignor to Radio Corporation of America. Modulation amplifier and modulator. 2,346,020; Apr. 4.
Gillespie, Henderson C., Morrestown, N. J., assignor to Radio Corporation of America. Electrical heating apparatus. 2,343,453; Mar. 7.
Gillespie, Henderson C., Moorestown, N. J., assignor to Radio Corporation of America. Electrical heating apparatus. 2,348,338; May 9.
Gillet, William and E. L. Morris, Worcester, Mass., and D. A. Ahlstrand, Atlanta, Ga., assignors to Graton & Knight Company, Worcester, Mass. Picker and making same. 2,353,454; July 11.
Gillett, Frank L., Inglewood, Calif., assignor to The National Supply Company, Pittsburgh, Pa. Rotary drawworks. 2,360,489; Oct. 17.
Gillett, Thomas R., Crockett, P. F. Meads, Richmond, and A. L. Holven, Crockett, Calif. Photoelectric apparatus for measuring color and turbidity. 2,356,238; Aug. 22.
Gillette, Harold R., Boston, Mass., assignor to Federal Electrical Co., Inc., Chicago, Ill. Tubular product. 2,340,956; Feb. 8.
Gillette Safety Razor Company. (See Gustafson, Henry A., assignor.)
Gillette Safety Razor Company. (See Hollis, Morton, assignor.)
Gillette Safety Razor Company. (See Lewando, Felix J., assignor.)
Gillette Safety Razor Company. (See Muros, Joseph, assignor.)
Gillette Safety Razor Company. (See Muros, J., and Testi, assignors.)
Gillette Safety Razor Company. (See Shnitzler, Meyer J., assignor.)
Gillette Safety Razor Company. (See Stampleman, Samuel C., assignor.)

Gillette Safety Razor Company. (See Stampleman, S. C., and Muros, assignors.)
Gillette Safety Razor Company. (See Stampleman, S. C., and Testi, assignors.)
Gillette Safety Razor Company. (See Testi, Nicholas, assignor.)
Gillette Safety Razor Company. (See Young, Louis H., assignor.)
Gilliam, Leonard S. and T. D., Statesville, N. C. Convertible studio davenport. 2,366,098; Dec. 26.
Gilliam, Thomas D. (See Gilliam, Leonard S. and T. D.)
Gilligan, Carl W., East Longmeadow, Mass. Cleaning implement for firearms. 2,361,395; Oct. 31.
Gilligan, Carl W., East Longmendow, Mass. Assembly tool. 2,364,630; Dec. 12.
Gilliland, Edwin R. (See Lewis, W. K., and Gilliland.)
Gillings, Charles, and L. J. Murray, Liverpool, England, assignors, by mesne assignments, to Automatic Electric Laboratories, Inc., Chicago, Ill. Telephone or like system. 2,355,431; Aug. 8.
Gillings, Charles, and L. J. Murray, Liverpool, England, assignors, by mesne assignments, to Automatic Electric Laboratories, Inc., Chicago, Ill. Crossbar switch. 2,363,955; Nov. 28.
Gillings, Charles, and L. J. Murray, Liverpool, England, assignors, by mesne assignments, to Automatic Electric Laboratories, Inc., Chicago, Ill. Crossbar switch. 2,364,706; Dec. 12.
Gillis, Randall, Westfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Measuring. 2,351,201; June 13.
Gillmor, Richard H., Wilkinsburg, Pa. Adjustable airfoil. 2,349,858; May 30.
Gillum, Donald E., Hermosa Beach, and D. H. Van Riper, Los Angeles, assignors to North American Aviation, Inc., Inglewood, Calif. Apparatus for producing sheet-like material. 2,349,495; May 23.
Gillum, Donald E., Hermosa Beach, and D. H. Van Riper, Los Angeles, assignors to North American Aviation, Inc., Inglewood, Calif. Apparatus for producing sheet-like material. 2,349,496; May 23.
Gillum, Donald E., and D. H. Van Riper, Los Angeles, Calif. Check valve. 2,354,255; July 25.
Gilman Fanfold Corporation. (See Kerr, James G., assignor.)
Gilman Fanfold Corporation. (See Mabon, Carl R., assignor.)
Gilman, George W., Short Hills, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Variable selective system. 2,339,633; Jan. 18.
Gilman, George W., Short Hills, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signal transmission system. 2,362,808; Nov. 14.
Gilman, George W., Short Hills, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Two-way radio-communication. 2,363,583; Nov. 28.
Gilman, Turner W. (See Grandstaff, O. D., Gilman, and Herrick.)
Gilmer, L. H., Co., (See Case, Richard Y., assignor.)
Gilmore, Dale, Amarillo, Tex. Automatic liquid dispensing device. 2,361,837; Oct. 31.
Giloy, Franz, Dessau, Germany; vested in the Alien Property Custodian. Corrosion preventing agents. 2,344,404; Mar. 14.
Gilpin, Garth G., Riverside, Ill., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Railway car side door. 2,344,506; Mar. 21.
Gilpin, Garth G., Riverside, assignor to Standard Railway Equipment Manufacturing Company, Chicago, Ill. Railway car end wall. 2,354,680; Aug. 1.
Gilpin, Garth G., Chicago, Ill., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Refrigerator car. 2,350,605; June 6.
Gilson Brothers Company. (See Gilson, Michael V., assignor.)
Gilson, Irving R., Liverpool, N. Y., assignor of one-fifth to T. E. Simonton, Syracuse, N. Y. Projectile trapping method and apparatus. 2,356,992; Aug. 29.
Gilson, Michael V., assignor to Gilson Brothers Company, Fredonia, Wis. Batch meter. 2,338,809; Jan. 11.
Gilson, Seth J., assignor to Heath Smith, Mercer, Pa. Screening device. 2,358,453; Sept. 19.
Ginaven, Marvin E. (See Ronell, G. L., and Ginaven.)
Gingery, Walter G., Indianapolis, Ind. Map projection. 2,352,380; June 27.
Gingrich, Harold M., Oakland, Calif. Compressor or pump. 2,341,710; Feb. 15.
Ginn, Earl. (See Engstrom, W., and Ginn.)
Ginn, Earl, North Muskegon, and K. Cloud, assignors to Continental Motors Corporation, Muskegon, Mich. Internal combustion engine. 2,344,863; Mar. 21.
Ginn, Earl, North Muskegon, assignor to Continental Motors Corporation, Detroit, Mich. Engine. 2,347,096; Apr. 18.
Ginn, Earl, North Muskegon, H. L. Casselman, Muskegon, and D. A. Campbell, Spring Lake, assignors to Continental Motors Corporation, Muskegon, Mich. Cylinder head and combustion chamber construction. 2,347,097; Apr. 18.
Ginn, Earl, North Muskegon, H. L. Casselman, Muskegon, and D. A. Campbell, Spring Lake, assignors to Continental Motors Corporation, Muskegon, Mich. Cylinder head construction. 2,350,226; May 30.
Ginn, Earl, North Muskegon, assignor to Continental Motors Corporation, Detroit, Mich. Engine. 2,353,231; July 11.
Ginn, Earl, North Muskegon, H. L. Casselman, Muskegon, and D. A. Campbell, Spring Lake, assignors to Continental Motors Corporation, Muskegon, Mich. Cylinder head construction. 2,361,191; Oct. 24.
Ginn, Wells W., Cincinnati, Ohio, assignor, by mesne assignments, to Vejin, Inc. Vegetable oil. 2,349,546; May 23.
Ginsberg, Fred, Chicago, Ill. Container. 2,346,571; Apr. 11.
Ginsburg, Arthur. (See Albert, J., and Ginsburg.)
Ginzton, Edward L., Rockville Centre, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Phase angle indicator. 2,349,261; May 23.
Girard Manufacturing Products, Inc. (See Robinson, Girard C., assignor.)
Girdler Corporation, The. (See Miller, Bruce D., assignor.)
Girdler Corporation, The. (See Miller, B. DeH., and Bevarly, assignors.)
Gisholt Machine Company. (See Godfriaux, Louis E., assignor.)
Gisholt Machine Company. (See Johnson, George H., assignor.)
Gisondi, Emanuel, Larchmont, N. Y. Fastening device. 2,349,547; May 23.
Gisondi, Emanuel, Larchmont, N. Y. Fastening device. 2,353,455; July 11.
Gits, Joseph A. (See Gits, Jules P., assignor.)
Gits, Joseph A., assignor, by mesne assignments, to himself and J. P. Gits, Chicago, Ill. Die for molding flashlight bodies. 2,358,857; Sept. 26.
Gits, Joseph A. and J. P., Chicago, Ill. Molded indicia-bearing product and making same. 2,354,857; Aug. 1.
Gits, Joseph P. (See Gits, Joseph A. and J. P.)
Gits, Jules P. (See Gits, Joseph A., assignor.)
Gits, Jules P., assignor, by mesne assignments, to J. A. Gits and himself, Chicago, Ill. Match case. 2,356,926; Aug. 29.
Giuliana, Vincent, Springfield, Mass. Sterilizer. 2,356,239; Aug. 22.
Giuseffi, Jerome, Cincinnati, Ohio., assignor to The Goodall Worsted Company, Sanford, Maine. Coat. 2,364,066; Dec. 5.
Giuseffi, Vincent J., West Orange, N. J. Tire. 2,343,660; Mar. 7.
Giusti, George. (See Sloman, C. M., and Giusti.)
Given, Frederick J., South Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone circuit. 2,341,711; Feb. 15.
Gladden, George W., Oswaldtwistle, assignor to W. W. Cocker, Accrington, England. Preparation of 2-chloro-meta-5-xylenol. 2,350,677; June 6.
Gladding, Ernest K., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Yarn winding apparatus. 2,354,455; July 25.
Gladding, McBean & Co. (See Woodworth, Carroll L., assignor.)
Gladfelter, Wiltie I. (See McManus, Charles E., C. E., Jr., and Gladfelter.)
Gladfelter, Wiltie I., and W. A. Ehrlich, Philadelphia, Pa., assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Coating machine. 2,339,008; Jan. 11.
Gladfelter, Wiltie I., and W. H. Moore, Philadelphia, Pa., assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Conveying and transfer mechanism. 2,342,189; Feb. 22.
Gladfelter, Wiltie I., and F. W. Duban, Philadelphia, Pa., assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Wax coating machine. 2,359,838; Oct. 10.
Gladstone, Benjamin, Lynn, Mass. Spring for beds or mattresses. 2,348,897; May 16.
Gladstone, Benjamin, Lynn, Mass. Spring for beds and mattresses. 2,364,966; Dec. 12.
Glamann, Wilhelm. (See Nallinger, F., and Glamann.)
Glandon, Kenneth. (See Hartshorn, Bruce, assignor.)
Glantzer, Russell M., assignor to Tri-State Engineering Co., Washington, Pa. Collapsible container. 2,359,908; Oct. 10.
Glanville, Robert H., and S. Mumford, assignors to C. Smith, Seneca Falls, N. Y. Automatic speed synchronizing mechanism for twin motors. 2,339,989; Jan. 25.
Glarum, Sivert N. (See Thackston, W. J., and Glarum.)
Glasberg, Myer M. (See Bernheim, D. P., and Glasberg.)
Glaser, Joseph P., and L. E. Willett, assignors to Chamberlin Metal Weather Strip Company, Detroit, Mich. Weatherstrip groove adjuster and sash retainer. 2,345,806; Apr. 4.
Glaser, Leo B., Cranford, and R. G. Franey, Irvington, assignors to General Instrument Corporation, Elizabeth, N. J. Phonograph recording. 2,338,842; Jan. 11.
Glaser, Leo B., Cranford, and R. G. Franey, Irvington, assignors to General Instrument Corporation, Elizabeth, N. J. Phonograph recording. 2,338,843; Jan. 11.
Glasgow, Charles S. (See Devlin, L. J., Adams, Landgraf, and Glasgow.)
Glasgow, Clarence O. (See Walker, J. P., and Glasgow.)
Glasman, A. L. (See May, Jean L., assignor.)
Glasner, Rudolph W., Chicago, and E. K. Johansen, Oak Park, assignors, by mesne assignments, to Midwest Hydraulics, Inc., Chicago, Ill. Radial pump. 2,356,993; Aug. 29.

Glass, Charles B., Benicia, Calif. Trap for gophers, rats, and similar rodents. 2,348,002; May 2.
Glass, Dudley B. (See Vanselow, W., Weissberger, and Glass.)
Glass, George W., assignor to Firestone Tire & Rubber Company, Akron, Ohio. Spark plug packing case. 2,339,555; Jan. 18.
Glass, Louis, Kew Gardens, N. Y., assignor to Celanese Corporation of America. Laminated fabric. 2,343,408; Mar. 7.
Glass, John P., Jr., North Bergen, assignor, by mesne assignments, to M. Bilofsky, Newark, N. J. Inductive core. 2,350,029; May 30.
Glass, Myron S., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrode system. 2,355,795; Aug. 15.
Glass, Paul. (See Zieboiz, H., and Glass.)
Glass, William H., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure motor. 2,343,661; Mar. 7.
Glassen, Charles E. (See Billman, H. E., Glassen, and Muenzer.)
Glasser, Harry R., et al. (See Mott, William P., assignor.)
Glassine Paper Company, The. (See Nelson, R. F., and Tuttle, assignors.)
Glassman, Cleveland C., Jackson, Tenn. Bait box. 2,346,744; Apr. 18.
Glastonbury Bank & Trust Company, The. (See Beekley, Francis C., assignor.)
Glatthaar, Curt. (See Martin, H., Zaeslin, Hirt, Glatthaar, and Staub.)
Glatthaar, Kurt. (See Martin, H., Glatthaar, and Stammbach.)
Glazer, Daniel, Chicago, Ill. Coated frozen confectionery. 2,360,559; Oct. 17.
Gleason, C. Roy, and R. M. Small, assignors to Sealkote Corporation, Chicago, Ill. Producing molding compound. 2,365,753; Dec. 26.
Gleason Sales Co. (See Joyce, Francis W., assignor.)
Gleason, Thomas, Oklahoma City, Okla., assignor to Eccentric Derrick, Inc., Gainesville, Tex. Drilling derrick. 2,342,139; Feb. 22.
Gleason Works. (See Barker, Paul F., assignor.)
Gleason Works. (See Candee, Allan H., assignor.)
Gleason Works. (See Carlsen, Leonard O., assignor.)
Gleason Works. (See Carlsen, L. O., and Johnson, assignors.)
Gleason Works. (See Galloway, Clarence T., assignor.)
Gleason Works. (See McMullen, Frederick E., assignor.)
Gleason Works. (See Schlesinger, Bernard E., assignor.)
Gleason Works. (See Wildhaber, Ernest, assignor.)
Gleason Works. (See Wildhaber, E., Stewart, and Fumia, assignors.)
Gleckman, Harry, Boston, Mass. Collar and making the same. 2,354,205; July 25.
Gleeson, Murray A. (See Venton, F. R., and Gleeson.)
Gleissner, Walter, Weissenfels-Saale, Germany; vested in the Alien Property Custodian. Shoe tacking machine. 2,362,480; Nov. 14.
Gleitz, Herbert, assignor to Marquette Metal Products Company, Cleveland, Ohio. Spindle for textile mill use. 2,351,951; June 20.
Glen, Stewart H., Newport, R. I. Eye for wire cables. 2,340,183; Jan. 25.
Glen, William R., Vancouver, British Columbia, Canada. Pneumatic flotation and antidrag system. 2,364,845; Dec. 12.
Glenmore Distilleries Company. (See Clark, Robert A., Jr., assignors.)
Glenn, Albert B., Brooklyn, N. Y., and C. J. Martell, New Milford, N. J. Storm window. 2,361,762; Oct. 31.
Glenn, Dawrence S., Davis, Calif. Grading apparatus. 2,362,130; Nov. 7.
Glenny, Arthur P., Amberley, assignor to The Sperry Gyroscope Company, Limited, Brentford, England. Apparatus for training bomb aimers. 2,345,744; Apr. 4.
Glenz, Karl, and F. Neitzel, assignors to the Swiss firm of Durand & Huguenin A. G., Basel, Switzerland. Mordant dyestuffs and their manufacture. 2,356,740; Aug. 29.
Glenz, Karl, and F. Neitzel, assignors to Durand & Huguenin A. G., Basel, Switzerland. Preparing mordant dyestuffs. 2,357,949; Sept. 12.
Gleszer, Kenneth M., and R. P. Koehring, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich. Composite metal element and making same. 2,359,361; Oct. 3.
Glidden Company, The. (See Bain, W. M., and Neubauer, assignors.)
Glidden Company, The. (See Holsmer, M., and Neuhaus, assignors.)
Glidden Company, The. (See Huppert, Oskar, assignor.)
Glidden Company, The. (See Joyce, Dwight P., assignor.)
Glidden Company, The. (See Julian, P. L., and Cole, assignors.)
Glidden Company, The. (See Julian, P. L., and Meyer, assignors.)
Glidden Company, The. (See Julian, P. L., Oberg, and Malter, assignors.)
Glidden Company, The. (See Oertling, Paul, assignor.)
Glidden Company, The. (See Powrch, Arthur E., assignor.)
Glidden Company, The. (See Walker, R. F., Gutschmidt, and Shope, assignors.)
Glinn, Roy J., and P. G. Handoll, London, England, assignors to Diamond Power Specialty Corporation, Detroit, Mich. Fluid heater cleaner. 2,351,117; June 13.
Gliss, George E., and J. H. Schmidt, Baltimore, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Apparatus for assembling articles. 2,349,956; May 30.
Glitsch, Fritz W., & Sons. (See Glitsch, Hans C., assignor.)
Glitsch, Hans C., assignor to Fritz W. Glitsch & Sons, Dallas, Tex. Supporting device for bubble caps. 2,338,928; Jan. 11.
Glitsch, Hans C., assignor to F. W. Glitsch & Sons, Dallas, Tex. Bubble tray. 2,341,091; Feb. 8.
Gliubich, Carlo, Milan, Italy; vested in the Alien Property Custodian. Control means for aircraft wing flaps. 2,350,751; June 6.
Globe American Corporation. (See Sherman, Alvin G., assignor.)
Globe Automatic Sprinkler Company. (See Rowley, Arthur C., assignor.)
Globe Company, The. (See Bilek, Frank J., assignor.)
Globe Company, The, (formerly Gambill Motor Company, Inc.). (See Bilek, F. J., and Pieckl, assignors.)
Globe Envelopes Limited. (See Myers, James E., assignor.)
Globe Hoist Company. (See Thompson, Elmer B., assignor.)
Globe Machine & Stamping Company, The. (See McFerron, Alfred Y., assignor.)
Globe Products Manufacturing Company. (See Hellman, Paul, assignor.)
Globe Valve Corporation. (See Beeke, H. F., and Young, assignors.)
Globe Valve Corporation. (See Young, Stephan A., assignor.)
Globe-Warnicke Co., The. (See Gavin, Earl S., assignor.)
Glocker, Gustave, assignor to Super-Seal Container Corporation, Washington, D. C. Closure for jars and the like. 2,357,322; Sept. 5.
Gloeckler, Martha, Shafter, Calif. Educational apparatus. 2,338,426; Jan. 4.
Glörsen, Leif. (See Branzell, A. E., Glörsen, and Richter.)
Glomb, John S., Coventry Township, Summit County, assignor of one-half to T. C. Dethloff, Akron, Ohio. Fly swatter. 2,361,023; Oct. 24.
Glour, Walter E., New Brunswick, N. J., assignor to Hercules Powder Company, Wilmington, Del. Solution of water-soluble cellulose ether. 2,350,161; May 30.
Gloss, Gunter H., Belmont, and R. E. Clarke, Palo Alto, assignors to Marine Magnesium Products Corporation, San Francisco, Calif. Filler or pigment product and manufacture. 2,354,858; Aug. 1.
Gloss, Gunter H., Belmont, and R. E. Clarke, Palo Alto, assignors to Marine Magnesium Products Corporation, San Francisco, Calif. Manufacture of magnesium products. 2,356,395; Aug. 22.
Gloucester Research Corporation. (See Vucassovich, Michel P., assignor.)
Glover, Perry F. (See Cole, R. H., and Glover.)
Glover, Ralph M., White Plains, assignor, by mesne assignments, to Box Blank Corporation, New York, N. Y. Carton or container. 2,358,802; Sept. 26.
Glover, W. T., & Company Limited. (See Beaver, C. J., and Davey, assignors.)
Glover, William C., Jr., Raytown, assignor to Cleaners Specialties, Inc., Kansas City, Mo. Spotting apparatus. 2,363,956; Nov. 28.
Glover, William H., Newark, N. J. Daylight lamp. 2,364,707; Dec. 12.
Glowacki, William L., and E. Preston, Pittsburgh, Pa., assignors to Koppers Company. Recovering and refining cyclopentadiene. 2,349,418; May 23.
Glowka, Martin, New York, N. Y. Machine gun operation device for aircraft. 2,362,199; Nov. 7.
Gluck, Fred C., Minerva, and B. C. McCaskey, Shaker Heights, assignor to Minerva Wax Paper Company, Minerva, Ohio. Dispensing container. 2,353,456; July 11.
Gluck, Fred S., New York, N. Y., assignor, by mesne assignments, to Waldorf Knitting Company. Knitting gloves and the like. 2,351,756; June 20.
Gluck, Harry, Munhall, and D. J. Snyder, Edgewood, Pa. Pulsation damper. 2,347,903; May 2.
Gluck, Milton, New York, N. Y. Interchangeable frame for eyeglasses. 2,362,062; Nov. 7.
Gluesenkamp, Earl W., and M. Kosmin, Dayton, Ohio, assignors to Monsanto Chemical Company, St. Louis, Mo. Detergents. 2,359,291; Oct. 3.
Gluesenkamp, Earl W., Centerville, Ohio, assignor to Monsanto Chemical Company. Treating fibrous products and product thereof. 2,365,813; Dec. 26.
Glycofrides, Eustace, Toledo, Ohio, assignor to Owens-Illinois Glass Company. Molding powders. 2,362,627; Nov. 14.
Glycofrides, Eustace, Toledo, Ohio, assignor to Owens-Illinois Glass Company. Producing molding powders. 2,362,628; Nov. 14.
Glynn, Edwin A. (See Kuster, W. H., and Glynn.)
Glynn, Edwin A. (See Thurman, W. B., and Glynn.)
Gmelin, Walter. (See Fischer, E., Kirst, and Gmelin.)

Gnessin, Abraham, Elizabeth, N. J. Rotary center arrangement for turning machines. 2,362,265; Nov. 7.
Goat, Fred, Co., The. (See Batchelder, James W., assignor.)
Goat, Fred, Co., The. (See Sorkin, Morris, assignor.)
Goat, Fred, Co., The. (See Wickwire, Arthur M., Jr., assignor.)
Goat, Fred, Co., The. (See Wickwire, A. M., Jr., and Bamford, assignors.)
Goates, John E., assignor to Pacific States Cast Iron Pipe Co., Provo, Utah. Positioning core bars in horizontal pipe casting apparatus. 2,362,899; Nov. 14.
Goddard, Asa C., Mentor, assignor to Jack & Heintz, Inc., Bedford, Ohio. Pneumatic finger chuck. 2,361,763; Oct. 31.
Goddard, Charles T., assignor to Western Electric Company, Incorporated, New York, N. Y. Electron discharge device and assembly thereof. 2,355,432; Aug. 8.
Goddard, De Witt R., Riverhead, N. Y., assignor to Radio Corporation of America. Ultra high frequency switch. 2,360,219; Oct. 10.
Goddard, Merrill B., and R. C. Oeler, Chicago, Ill., assignors of one-half to Carrier Corporation, Syracuse, N. Y., and one-half to The Liquid Carbonic Corporation, Chicago, Ill. Oil return arrangement. 2,364,783; Dec. 12.
Goddard, Myron C., Garden City, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,355,215; Aug. 8.
Goddard, Myron C., Garden City, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,362,369; Nov. 7.
Goddard, Ralph K., Springfield, Mass. Universal ball joint. 2,342,396; Feb. 22.
Goddard, Ronald H. (See Dono, G. E., and Goddard.)
Goddeau, Guy F., assignor to The Liquid Carbonic Corporation, Chicago, Ill. Preheating torch. 2,356,048; Aug. 15.
Goddin, Avery H. (See Guy, H. G., and Goddin.)
Godfrey, Edwin H., Wenonah, assignor to Atlantic Diesel Corporation, New Brunswick, N. J. Sleeve valve and actuation thereof. 2,339,262; Jan. 18.
Godfrey, Edwin H., Wenonah, N. J., assignor to Atlantic Diesel Corporation. Internal combustion engine. 2,346,021; Apr. 4.
Godfriaux, Louis E., assignor to Gisholt Machine Company, Madison, Wis. Turret indexing mechanism. 2,358,503; Sept. 19.
Godowsky, Leopold D., Jr. (See Mannes, L. D., and Godowsky.)
Godsey, Frank W., Jr., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Thrust measuring device for shafts. 2,349,653; May 23.
Godwin, Hiram F., Detroit, Mich. Lawn mower. 2,365,338; Dec. 19.
Godwin, Owen L., Sebring, Fla. Display rack. 2,354,859; Aug. 1.
Goebel, George, deceased, by H. Goebel, administratrix, and E. A. Wilckens, assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Printing press roll structures. 2,350,505; June 6.
Goebel, George, deceased, by H. Goebel, administratrix, and H. A. Rau, assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Article handling apparatus. 2,355,722; Aug. 15.
Goebel, Hans, Berlin-Reinickendorf, Germany, assignor to Sherka Chemical Co. Inc., Bloomfield, N. J. Aqueous solutions of phenols and their homologues and making the same. 2,349,654; May 23.
Goebel, Helene, administratrix. (See Goebel, G., and Rau.)
Goebel, Helene, administratrix. (See Goebel, G., and Wilckens.)
Goebel, Joseph F., Detroit, Mich. Locomotive cab window. 2,345,703; Apr. 4.
Goebel, Robert S., assignor to The National Cash Register Company, Dayton, Ohio. Zero elimination means. 2,350,454; June 6.
Goebel, Siebert. (See Hopff, H., Goebel, and Rautenstrauch.)
Goecke, Rudolph F. (See Geisinger, E. E., and Goecke.)
Goedike, John G., Fort Sam Houston, Tex. Increasing the efficiency of lithographic and analogous printing presses. 2,340,319; Feb. 1.
Goeger, Leo O., Hackettstown, N. J. Adjustable cutter. 2,350,349; June 6.
Goehre, Otto. (See Free, G., v. Fuener, and Goehre.)
Goepfert, Otto F., Brevard, N. C., assignor to Endless Belt Corporation. Belt sizing composition and method. 2,346,674; Apr. 18.
Goepfert, Werner F. (See Gessler, A. E., and Goepfert.)
Goepfert, Werner F., Weehawken, N. J., assignor to Interchemical Corporation, New York, N. Y. Glass marking composition. 2,338,176; Jan. 4.
Goepfrich, Rudolph A., assignor to Bendix Aviation Corporation, South Bend, Ind. Manufacture of brake lining. 2,342,933; Feb. 29.
Goepfrich, Rudolph A., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,345,107; Mar. 28.
Goepfrich, Rudolph A., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,345,108; Mar. 28.
Goepfrich, Rudolph A., assignor to Bendix Aviation Corporation, South Bend, Ind. Piston. 2,349,345; May 23.
Goepfrich, Rudolph A., assignor to Bendix Aviation Corporation, South Bend, Ind. Sealing means. 2,349,346; May 23.
Goepfrich, Rudolph A., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,351,952; June 20.
Goepfrich, Rudolph A., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,351,953; June 20.
Goerg, Bernard, Bronxville, assignor to American Radiator & Standard Sanitary Corporation, New York, N. Y. Wall structure. 2,355,855; Aug. 15.
Goertzen, William, Pasadena, assignor of one-half to A. P. Ohanneson, Shafter, Calif. Spreading unit. 2,340,657; Feb. 1.
Goessling, Gerald A., Richmond Heights, Mo. Synthetic pearl resin. 2,353,457; July 11.
Goessling, Gerald A., Richmond Heights, Mo. Making metal-coated plastic articles. 2,357,950; Sept. 12.
Goessling, Gerald A., St. Louis, Mo., assignor to Pro-Phy-Lac-Tic Brush Company, Florence, Mass. Injection molding machine. 2,359,839; Oct. 10.
Goessling, Gerald A., Richmond Heights, Mo., assignor to Pro-Phy-Lac-Tic Brush Company, Florence, Mass. Injection molding machine. 2,359,840; Oct. 10.
Goethel, Alfred C., Milwaukee, Wis. Washer or cleaner. 2,360,669; Oct. 17.
Goetter, William F., Schenectady, N. Y., assignor to General Electric Company. Frequency modulation apparatus. 2,347,459; Apr. 25.
Goetz, Albert G., Louisville, Ky. Heating unit. 2,359,909; Oct. 10.
Goetz, Alexander, Pasadena, Calif., assignor to Sunshine Mining Company, Yakima, Wash. Method and apparatus providing a continuously effective source for oligodynamic sterilization. 2,344,548; Mar. 21.
Goetz, Emil, Detroit, Mich. Food treating and juice extracting apparatus. 2,351,330; June 13.
Goetz, Ernest F., Schenectady, N. Y., assignor to General Electric Company. Electric switch. 2,360670; Oct. 17.
Goetz, Maurus T. (See Carr, J. O., and Goetz.)
Goetze, Frederick W. (See Hoheisel, Otto K., assignor.)
Goetze, Frederick W. (See McCreary, Kenneth, assignor.)
Goetze, Frederick W., deceased, Franklin Park; M. C. Goetze, executrix, assignor to Goetze Gasket & Packing Co. Inc., New Brunswick, N. J. Reinforced gasket. 2,357,257; Aug. 29.
Goetze Gasket & Packing Co. (See Goetze, Frederick W., assignor.)
Goetze, Margie C., executrix. (See Goetze, Frederick W.)
Goetze, Max G. (See Lange, M. E., and Goetze.)
Goetzel, Claus G., assignor to American Electro Metal Corporation, Yonkers, N. Y. Manufacturing shaped bodies from iron powders. 2,342,799; Feb. 29.
Goetzel, Claus G., assignor to American Electro Metal Corporation, Yonkers, N. Y. Producing shaped bodies from powdery ferrous material. 2,352,316; June 27.
Goff, Charles E., Sherrill, N. Y. Bowling alley leveling machine. 2,342,267; Feb. 22.
Goff, David C., Omaha, Nebr., assignor, by mesne assignments, to Universal Zonolite Insulation Company, Chicago, Ill. Underground insulated pipe system. 2,355,966; Aug. 15.
Goff, George H., Fitchburg, Mass., assignor to The Brown Buffalo, N. Y. Lens system. 2,363,788; Nov. 28.
Goff, Harold E., assignor to Watson-Williams Manufacturing Company, Millbury, Mass. Loom shuttle. 2,346,745; Apr. 18.
Goff, Harold W., Manhasset, N. Y., C. R. Moore, Maplewood, and O. L. Walter, East Orange, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Speed governor for call transmitters. 2,345,471; Mar. 28.
Goff, Harold W., Manhasset, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Method of manufacturing parts for electrical apparatus. 2,350,887; June 6.
Goff, Harold W., Manhasset, N. Y., C. R. Moore, Maplewood, and O. L. Walter, East Orange, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone call transmitter. 2,359,841; Oct. 10.
Goff, Lawrence V., Canton, Ohio. Attachable wheel for sleds. 2,343,662; Mar. 7.
Goff, Leonard D., and R. O. Monroe, assignors to The Johnson Corporation, Three Rivers, Mich. Rotary syphon joint assembly. 2,352,317; June 27.
Goff, Robert W., Schenectady, N. Y., assignor to General Electric Company. Timing mechanism. 2,358,633; Sept. 19.
Goffinet, C. V., et al. (See Towt, Louis V., assignor.)
Goffinet, Ruth, et al. (See Towt, Louis V., assignor.)
Gohr, Edwin J. (See Marancik, J. V., and Gohr.)
Gohr, Edwin J., Summit, N. J., assignor to Standard Oil Development Company. Cracking of hydrocarbon oil. 2,351,422; June 13.
Gohre, Otto. (See Michael, W., Gohre, Free, von Fuener, and Schneider.)
Gohring, George W., Iowa City, Iowa. Battery carrier. 2,344,141; Mar. 14.

Golot, Jean R., Nantes, France; vested in the Alien Property Custodian. Starting device for internal combustion engines. 2,338,829; Jan. 11.

Golay, Charles R., Cambridge City, Ind. Portable dump body. 2,358,224; Sept. 12.

Golber, Hyman E., assignor to Miehle Printing Press and Manufacturing Company, Chicago, Ill. Bed motion mechanism. 2,356,156; Aug. 22.

Golber, Hyman E., assignor to Multi-Sort Systems Incorporated, Chicago, Ill. Slotting machine. 2,363,314; Nov. 21.

Gold, Allan R., and C. J. Heinisch, Chicago, Ill. Weight indicating means. 2,351,606; June 20.

Gold, Benjamin, New York, N. Y. Mimeographer. 2,346,023; Apr. 4.

Gold, Benjamin, Las Vegas, Nev. Lifting tool. 2,346,482; Apr. 11.

Gold, Isadore, Brooklyn, N. Y., assignor to Atlantic Products Corporation, Trenton, N. J. Luggage bag. 2,350,606; June 6.

Gold, Nathan, Portland, Oreg. Neck scarf. 2,355,290; Aug. 8.

Gold, Richard, Birmingham, England. Fluid-tight joint construction. 2,359,215; Sept. 26.

Gold, Russell S., Berlin, assignor to The American Hardware Corporation, New Britain, Conn. Lock device. 2,357,102; Aug. 29.

Gold, Sam, Chicago, Ill., assignor to Elnson-Freeman Co., Inc., Long Island City, N. Y. Motive power for toys and the like. 2,363,785; Nov. 28.

Goldberg, Abraham G., Quincy, and R. Cohn, Newton, Mass. Adjustable pipe hanger. 2,339,564; Jan. 18.

Goldberg, Abraham G., Quincy, and R. Cohn, Newton, Mass. Pipe hanger. 2,339,565; Jan. 18.

Goldberg, Benjamin D., Brooklyn, N. Y. Container and support therefor. 2,343,409; Mar. 7.

Goldberg, David, U. S. Army, Camp McCoy, Wis. Adjustable splint. 2,357,323; Sept. 5.

Goldberg, Harold, F. H. Slaymaker, and J. R. Stewart, assignors to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Communication system. 2,362,692; Nov. 14.

Goldberg, Jacob M., Denver, Colo. Film reel. 2,358,504; Sept. 19.

Goldberg, Mark J., Spring Lake, Mich., assignor to John Wood Manufacturing Company, Inc., Philadelphia, Pa. Liquid dispensing apparatus. 2,345,338; Mar. 28.

Goldberg, Max, New York, N. Y. Valve-controlled filling machine. 2,359,029; Sept. 26.

Goldberg, Mark J., Spring Lake, Mich., assignor to John Wood Manufacturing Company, Inc., Conshohocken, Pa. Liquid dispensing apparatus. 2,351,331; June 13.

Goldberg, Moses W. (See Ruzicka, L., and Goldberg.)

Goldberg, Samuel D., Jamaica, and J. R. Reisenberg, Brooklyn, assignors to G-M Chemical Company, Inc., New York, N. Y. Sterilizing articles. 2,358,570; Sept. 19.

Goldbert, Max L., New York, N. Y. Cigarette case and server. 2,338,425; Jan. 4.

Goldbert, Max L., New York, N. Y. Garment support. 2,340,320; Feb. 1.

Goldbert, Max L., New York, N. Y. Garment support. 2,345,745; Apr. 4.

Golden, Charles F., Denver, Ind. Plotting instrument. 2,366,019; Dec. 26.

Golden, Harry, New York, N. Y. Auto mirror bracket. 2,361,764; Oct. 31.

Golden, James P., and G. A. Meyer, St. Charles, Mo., assignors to American Car and Foundry Company, New York, N. Y. Coupler centering and pipe control device. 2,348,466; May 9.

Golden, Samuel, Bronx, N. Y. Comb. 2,348,339; May 9.

Goldenberg, Julius L., et al. (See Rose, S. P., and Somervell, assignors.)

Goldenberg, Michael, Philadelphia, Pa. Roller skate unit and roller skate shoe. 2,343,007; Feb. 29.

Goldfield, Edwin R., University Heights, assignor to Picker X-Ray Corporation, Waite Manufacturing Division, Inc., Cleveland, Ohio. Cable end construction. 2,353,719; July 18.

Goldfield, Edwin R., University Heights, and E. B. Graves, South Euclid, assignors to Picker X-Ray Corporation, Waite Manufacturing Division, Inc., Cleveland, Ohio. Cooled X-ray tube head. 2,353,720; July 18.

Goldfield, Edwin R., University Heights, R. S. Schiring, Cleveland, and R. J. Stava, East Cleveland, assignors to Picker X-Ray Corporation, Waite Manufacturing Division, Inc., Cleveland, Ohio. Mobile unit with foreign body localizer. 2,355,066; Aug. 8.

Goldfield, Edwin R., University Heights, and E. B. Graves, South Euclid, assignors to Picker X-Ray Corporation, Waite Manufacturing Division, Inc., Cleveland, Ohio. Sealed housing for X-ray tubes. 2,359,030; Sept. 26.

Goldfine, Wesley R., assignor to Airoast Corporation, Chicago, Ill. Roasting coffee. 2,348,066; May 2.

Goldman, Ernest, et al. (See Olaszy, Joseph M., assignor.)

Goldman, Isidore H., New York, N. Y. Sound recording apparatus. 2,340,658; Feb. 1.

Goldman, Morris. (See Tarter, Louis B. and W., assignors.)

Goldman, Paul R., Andover, assignor to Plymold Corporation, Lawrence, Mass. Manufacture of plywood tubing and the like. 2,348,291; May 9.

Goldman, Paul R., Andover, assignor to Plymold Corporation, Lawrence, Mass. Manufacture of wood tubing and the like. 2,352,533; June 27.

Goldman, Paul R., Andover, assignor to Plymold Corporation, Lawrence, Mass. Implemental equipment for life rafts and the like. 2,353,662; July 18.

Goldman, Paul R., Andover, Mass. Knockdown decoy airplane and package. 2,360,220; Oct. 10.

Goldner, George W., Clayton, assignor to James R. Kearney Corporation, St. Louis, Mo. Electrical surge device. 2,357,887; Sept. 12.

Goldner, Orville C., San Mateo, Calif. Collapsible furniture. 2,347,821; May 2.

Goldner, Richard, Sydney, New South Wales, Australia. Sliding clasp fastener. 2,346,024; Apr. 4.

Goldsborough, John B., Croton on Hudson, assignor to Underpinning & Foundation Company, Inc., New York, N. Y. Filter bed cleaning. 2,352,624; July 4.

Goldsby, Arthur R. (See Sensel, E. E., and Goldsby.)

Goldsby, Arthur R., and E. F. Pevere, Beacon, L. A. Clarke, Fishkill, and G. B. Hatch, Beacon, assignors, by mesne assignments, to The Texas Company, New York, N. Y. Alkylation of hydrocarbons. Re. 22,510; July 4.

Goldsby, Arthur R., and E. E. Sensel, Beacon, assignors to The Texas Company, New York, N. Y. Treatment of paraffin hydrocarbons. 2,339,849; Jan. 25.

Goldsby, Arthur R., Beacon, assignor, by mesne assignments, to The Texas Company, New York, N. Y. Alkylation process. 2,341,863; Feb. 15.

Goldsby, Arthur R., and E. F. Pevere, Beacon, L. A. Clarke, Fishkill, and G. B. Hatch, Beacon, assignors, by mesne assignments, to The Texas Company, New York, N. Y. Alkylation of hydrocarbons. 2,348,467; May 9.

Goldschmidt, Frieda, and F. Deutsch, Rehoboth, Palestine. Preparing hydrobromic acid. 2,342,465; Feb. 22.

Goldschmidt, Max, assignor to Metalastik Limited, Leicester, England. Flexible coupling, flexible mounting, and the like. 2,363,469; Nov. 21.

Goldschmidt, Josué. (See Ryffé, Robert, assignor.)

Goldsmith, Alfred N., New York, N. Y., assignor to Radio Corporation of America. Electrical energy generating system. 2,338,239; Jan. 4

Goldsmith, Alfred N., New York, N. Y. Television studio lighting. 2,343,971; Mar. 14.

Goldsmith, Alfred N., New York, N. Y. Television transmitting system. 2,344,695; Mar. 21.

Goldsmith, Alfred N., assignor to Radio Corporation of America, New York, N. Y. Remote control system. 2,345,472; Mar. 28.

Goldsmith, Alfred N., New York, N. Y. Automatic reverberation control. 2,354,176. July 18.

Goldsmith, Alfred N., New York, N. Y., assignor to Radio Corporation of America. Television apparatus. 2,354,591; July 25.

Goldsmith, Alfred N., New York, N. Y. Television system. 2,359,637; Oct. 3.

Goldsmith, Allen L. (See McCullough, W. E., and Goldsmith.)

Goldsmith Bros. Smelting & Refining Company. (See Goldsmith, Melvin M., assignor.)

Goldsmith, Dale P. J. (See O'Kelly, A. A., and Goldsmith.)

Goldsmith, Edwin M., Jr., Philadelphia, assignor to M. M. Gottlieb Associates, Inc., Allentown, Pa. Clock. 2,343,613; Mar. 7.

Goldsmith, Melvin M., Chicago, Ill., assignor to Goldsmith Bros. Smelting & Refining Company. Brazing solder. 2,355,067; Aug. 8.

Goldsmith, Philip H., Wilmington, Del. Paper machine flow mixer. 2,351,007; July 18.

Goldsmith, Philip H., Wilmington, Del. Cylinder machine construction. 2,363,786; Nov. 28.

Goldstein, Edward, Brookline, Mass. Precious stone. 2,340,659; Feb. 1.

Goldstein, Herbert, Elizabeth, N. J., and L. Liberthson, New York, N. Y., assignors to L. Sonneborn Sons, Inc. Waterproofing of concrete. 2,358,776; Sept. 26.

Goldstein, Isidore, Brooklyn, N. Y. Slide fastener. 2,355,152; Aug. 8.

Goldstein, Leonard. (See Ruys, J. D., and Goldstein.)

Goldstein, Max, New York, N. Y. Riveting tool and riveting. 2,354,914; Aug. 1.

Goldstein, Samuel D., St. Louis, Mo. Figure link for jewelry. 2,352,381; June 27.

Goldstein, Simon I., Baltimore, Md. Ferrule construction for umbrella covers. 2,350,227; May 30.

Goldstine, Hallan E., Port Jefferson, N. Y., assignor to Radio Corporation of America. Electron discharge device system. 2,342,897; Feb. 29.

Goldstine, Hallan E., Rocky Point, N. Y., assignor to Radio Corporation of America. Radio repeater. 2,344,813; Mar. 21.

Goldstine, Hallan E., Rocky Point, N. Y., assignor to Radio Corporation of America. Transmission line load for high frequencies. 2,354,809; Aug. 1.

Goldstine, Hallan E., Rocky Point, N. Y., assignor to Radio Corporation of America. Wave length modulation circuit. 2,355,433; Aug. 8.

Goldstine, Hallan E., Port Jefferson, N. Y., assignor to Radio Corporation of America. Automatic circuit tuning. 2,358,454; Sept. 19.

Goldsworthy, Marion C. (See Carter, R. H., and Goldsworthy.)

Goldsworthy, Marion C., Takoma Park, Md., assignor to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Fungicide. 2,354,206; July 25.

Goldthwait, Charles F., New Orleans, La., assignor to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Cotton yarn for water-pressure hose. 2,352,707; July 4.

Goldup, Cecil E. (See Cleland, J., Goldup, and Chambers.)

Goldup, Cecil E., assignor to Stanhay Limited, Ashford, England. Hoist. 2,347,822; May 2.

Goller, Eugene E., and L. R. Foster, assignors to Unique Manufacturing Co., Inc., Chicago, Ill. Hydrocarbon fuel burning device. 2,356,994; Aug. 29.

Gollonder, Mathilde, et al. (See Hart, Joseph J., assignor.)

Gollwitzer, Walter T., Euclid, Ohio, assignor to Addressograph-Multigraph Corporation, Wilmington, Del. Printing machine. 2,342,190; Feb. 22.

Gollwitzer, Walter T., Euclid, Ohio, assignor to Addressograph-Multigraph Corporation, Wilmington, Del. Printing machine. 2,355,796; Aug. 15.

Gollwitzer, Walter T., Euclid, Ohio, assignor to Addressograph-Multigraph Corporation, Wilmington, Del. Printing machine. 2,356,995; Aug. 29.

Gomberg, Jacob, assignor to R. Gomberg, Chicago, Ill. Yarn winding and holding device. 2,364,967; Dec. 12.

Gomberg, Rose. (See Gomberg, Jacob, assignor.)

Gomersall, John R., assignor to McGraw Electric Company, Elgin, Ill. Electric toaster. 2,355,153; Aug. 8.

Comperz, Theodore, Budapest, Hungary. Tool for upsetting die heads. 2,352,429; June 27.

Gonda, John H., assignor to Mullins Manufacturing Corporation, Salem, Ohio. Manufacture of rectangular restricted opening sheet metal receptacles. 2,356,457; Aug. 22.

Gondek, John T., assignor to Northern Pump Company, Minneapolis, Minn. Swash plate pump adjusting means. 2,341,768; Feb. 15.

Gondert, Clarence A., assignor to Gondert & Lienesch, Inc., Dayton, Ohio. Box. 2,361,937; Nov. 7.

Gondert & Lienesch, Inc. (See Gondert, Clarence A., assignor.)

Gonla, Henry W., Buena Park, Calif. Spark arrester. 2,346,022; Apr. 4.

Gonigam, George H., et al. (See McDonald, Wayne E., assignor.)

Gonon, Pul J. J., Paris, France; vested in the Alien Property Custodian. Increasing the retention capacity of the sealing surface of artificial procelain teeth. 2,356,513; Aug. 22.

Gonseor, Frank, Redding, Calif. Signal device. 2,356,396; Aug. 22

Gonsett, Faust R. (See Gonsett, Robert R. and F. R.)

Gonsett, Robert R. and F. R., Los Angeles, Calif. Rheostat and its manufacture. 2,350,607; June 6.

Gonzalez, Rafael A. (See Baker, I. C., and Gonzalez.)

Gonzalez, Vicente M., and J. A. Morales, Habana, Cuba. Toilet flushing mechanism. 2,345,807; Apr. 4.

Good, Daniel F., assignor to Frick Company, Waynesboro, Pa. Peanut picking machine. 2,349,262; May 23.

Good, John N., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Valve device. 2,352,259; June 27.

Good, John N., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Release valve device. 2,358,634; Sept. 19.

Good, John N., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Valve device. 2,363,584; Nov. 28.

Good, John N., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Control system. 2,366,020; Dec. 26.

Good, Samuel F., Houston, Tex., assignor to Shell Development Company, San Francisco, Calif. Separating suspensions in liquids. 2,361,283; Oct. 24.

Goodale, Charles J., Falmouth, Mass., assignor, by mesne assignments, to General Electric Company, Schenectady, N. Y. Accounting apparatus. 2,348,535; May 9.

Goodale, Elmer D., Bayside, Long Island, N. Y., assignor to Radio Corporation of America. Electrical network. 2,354,592; July 25.

Goodale, Harold R., Bristol, Conn. Heating system. 2,363,787; Nov. 28.

Goodale, Lynn C., assignor to Federal Telephone and Radio Corporation. Forming and assembling vacuum tube supports. 2,339,850; Jan. 25.

Goodall Worsted Company, The. (See Giuseffi, Jerome, assignor.)

Goodall Worsted Company. (See Nutter, F. E., and Spence, assignors.)

Goodbar, Isaac, Buenos Aires, Argentina. Electric bell buzzer. 2,342,730; Feb. 29.

Goodbar, Mayo A. (See Spurlino, P., Goodbar, and Frost.)

Goode, John H., North Holmwood, England. Molding plastic materials. 2,347,600; Apr. 25.

Gooden, Ernest L., Takoma Park, Md., assignor to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Adjustable resistor for flowmeters. 2,344,943; Mar. 28.

Gooden, Walter, New York, N. Y. Ash receiver. 2,341,092; Feb. 8.

Gooderham, Ronald M., Toronto, Ontario, Canada. Electric welding rod holder. 2,361,284; Oct. 24.

Goodfriend, Irving F. (See Holtzman, John, assignor.)

Goodhue, Lyle D. (See McGovran, E. R., and Goodhue.)

Goodhue, Lyle D. (See Sullivan, W. N., and Goodhue.)

Goodhue, Lyle D., Berwyn, Md., and H. L. J. Haller, Washington, D. C., assignors to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Purifying pyrethrum extract. 2,358,392; Sept. 19.

Goodings, Alfred C. (See Dykeman, G. J. H., and Goodings.)

Goodings, Alfred C., and L. H. Turl, assignors to Ontario Research Foundation, Toronto, Ontario, Canada. Setting twist in rayon knitting yarns. 2,340,051; Jan. 25.

Goodlass, Robert, Winnipeg, Manitoba, Canada. Fuel vaporizer. 2,349,716; May 23.

Goodloe, Alfred M., Montclair, assignor to Metal Textile Corporation, West Orange, N. J. Liquid straining device. 2,351,332; June 13.

Goodloe, Paul M. (See Berger, H. G., and Goodloe.)

Goodloe, Paul M. (See Waldo, P. G., Goodloe, and Berger.)

Goodman, Emanuel N., New York, N. Y. Demand meter and control therefor. 2,363,958; Nov. 28.

Goodman, Jacob A., Indianapolis, Ind., assignor to National Hosiery Mills, Inc. Full fashioned stocking and producing same. 2,340,266; Jan. 25.

Goodman, Leon, and R. Brandwein, assignors to Crystal Tube Manufacturing Company, Chicago, Ill. Dispensing container for sheet materials. 2,347,823; May 2.

Goodman Manufacturing Company. (See Bergmann, Ernst R., assignor.)

Goodman Manufacturing Company. (See Bigelow, Roy S., assignor.)

Goodman Manufacturing Company. (See Bigelow, Roy S., assignor.)

Goodman Manufacturing Company. (See Bodin, George, assignor.)

Goodman Manufacturing Company. (See Cartlidge, Frank, assignor.)

Goodman Manufacturing Company. (See Crawford, Loyal F., assignor.)

Goodman Manufacturing Company. (See Doberstein, Edward J., assignor.)

Goodman Manufacturing Company. (See Driehaus, Herman W., assignor.)

Goodman Manufacturing Company. (See Hagenbook, Loy D., assignor.)

Goodman Manufacturing Company. (See Holstein, John H., assignor.)

Goodman Manufacturing Company. (See Lindgren, Frank A., assignor.)

Goodman Manufacturing Company. (See Linkowski, Hermann, assignor.)

Goodman Manufacturing Company. (See Madeira, John R., assignor.)

Goodman Manufacturing Company. (See McCullough, William T., assignor.)

Goodman Manufacturing Company. (See Pratt, Charles A., assignor.)

Goodman Manufacturing Company. (See Sloane, William W., assignor.)

Goodman Manufacturing Company. (See Stoltz, Charles E., assignor.)

Goodman Manufacturing Company. (See Wood, Frank J., assignor.)

Goodrich, B. F., Company, The. (See Alexander, C. H., and Schoenfeld, assignors.)

Goodrich, B. F., Company, The. (See Allen, Raymond P., assignor.)

Goodrich, B. F., Company, The. (See Andrews, Frederick W., assignor.)

Goodrich, B. F., Company, The. (See Antonson, John O., assignor.)

Goodrich, B. F., Company, The. (See Bayhi, M. J., and Lilja, assignors.)

Goodrich, B. F., Company, The. (See Bell, Millard R., assignor.

Goodrich, B. F., Company. (See Bixby, Willard F., assignor.)

Goodrich, B. F., Company, The. (See Blanchard, Raymond H., assignor.)

Goodrich, B. F., Company, The. (See Busse, Warren F., assignor.)

Goodrich, B. F., Company, The. (See Colley, Russell S., assignor.)

Goodrich, B. F., Company, The. (See Craig, David, assignor.)

Goodrich, B. F., Company, The. (See Dasher, Paul J., assignor.)

Goodrich, B. F., Company, The. (See Davis, Edward A., assignor.)

Goodrich, B. F., Company, The. (See Davies, J. M., and Schultz, assignors.)

Goodrich, B. F., Company, The. (See De Wolfe, Clarence M., assignor.)

Goodrich, B. F., Company, The. (See Fink, Herbert H., assignor.)

Goodrich, B. F., Company, The. (See Fryling, Charles F., assignor.)

Goodrich, B. F., Company, The. (See Garvey, Benjamin S., assignor.)
Goodrich, B. F., Company, The. (See Garvey, B. S., and Henderson, assignors.)
Goodrich, B. F., Company, The. (See Gibbs, Carlin F., assignor.)
Goodrich, B. F., Company, The. (See Gibbs, Carlin F., assignor.)
Goodrich, B. F., Company, The. (See Gibbs, Carlin F., assignor.)
Goodrich, B. F., Company, The. (See Gill, Ray H., assignor.)
Goodrich, B. F., Company, The. (See Greene, C. W., and Habermaier, assignors.)
Goodrich, B. F., Company, The. (See Gross, Malcolm E., assignor.)
Goodrich, B. F., Company, The. (See Hahn, S. H., and Judson, assignors.)
Goodrich, B. F., Company, The. (See Haren, Urban C., assignor.)
Goodrich, B. F., Company, The. (See Haren, U. C., and Hasselquist, assignors.)
Goodrich, B. F., Company, The. (See Haren, U. C., and Sapp, assignors.)
Goodrich, B. F., Company, The. (See Hermanns, Otto E., assignor.)
Goodrich, B. F., Company, The. (See Hoover, John R., assignor.)
Goodrich, B. F., Company, The. (See Hunter, Willson H., assignor.)
Goodrich, B. F., Company, The. (See Jones, Paul C., assignor.)
Goodrich, B. F., Company, The. (See Jones, P. C., and Mathes, assignors.)
Goodrich, B. F., Company, The. (See Jones, P. C., and Sloan, assignors.)
Goodrich, B. F., Company, The. (See Juve, Arthur E., assignor.)
Goodrich, B. F., Company, The. (See Krotz, Alvin S., assignor.)
Goodrich, B. F., Company. (See Kung, Frederick E., assignor.)
Goodrich, B. F., Company, The. (See Lappert, Ronald, assignor.)
Goodrich, B. F., Company, The. (See Leguillon, Charles W., assignor.)
Goodrich, B. F., Company, The. (See Leguillon, C. W., and Krotz, assignors.)
Goodrich, B. F., Company, The. (See Lessig, E. T., and Cunningham, assignors.)
Goodrich, B. F., Company, The. (See Lessig, E. T., and Larrick, assignors.)
Goodrich, B. F., Company, The. (See Loughborough, Dwight L., assignor.)
Goodrich, B. F., Company, The. (See Lyle, Fred, assignor.)
Goodrich, B. F., Company. (See Macavoy, Edmund W., assignor.)
Goodrich, B. F., Company, The. (See MacDonald, Frank J., assignor.)
Goodrich, B. F., Company, The. (See Magurn, Charles H., assignor.)
Goodrich, B. F., Company, The. (See Mathes, Roger A., assignor.)
Goodrich, B. F., Company, The. (See Mathes, R. A., and Jones, assignors.)
Goodrich, B. F., Company, The. (See Mayne, Robert, assignor.)
Goodrich, B. F., Company, The. (See Mayne, R., and Berry, assignors.)
Goodrich, B. F., Company, The. (See McKelvey, Frederick R., assignor.)
Goodrich, B. F., Company, The. (See Morse, John F., assignor.)
Goodrich, B. F., Company, The. (See Olson, Frederick F., assignor.)
Goodrich, B. F., Company, The. (See Rehner, John, Jr., assignor.)
Goodrich, B. F., Company, The. (See Ryan, George K., assignor.)
Goodrich, B. F., Company, The. (See Sarbach, Donald V., assignor.)
Goodrich, B. F., Company, The. (See Scharenberg, Elmer M., assignor.)
Goodrich, B. F., Company, The. (See Semon, Waldo L., assignor.)
Goodrich, B. F., Company, The. (See Smith, K. D., and Mayne, assignors.)
Goodrich, B. F., Company, The. (See Spicer, Alvin W., assignor.)
Goodrich B. F., Company, The. (See Sprigg, Edward A., assignor.)
Goodrich, B. F., Company, The. (See Sprigg, E. A., and Macy, assignors.)
Goodrich, B. F., Company, The. (See Stebbins, Charles S., assignor.)
Goodrich, B. F., Company, The. (See Stewart, William D., assignor.)
Goodrich, B. F., Company, The. (See Wellman, Victor E., assignor.)
Goodrich, B. F., Company, The. (See Willson, Edward A., assignor.)
Goodrich, Robert B., Waterford, assignor of one-half to R. F. Steward, Meriden, Conn. Medicament compositions and preparing same. 2,365,694; Dec. 26.
Goodrum, Charles L., New York, N. Y., E. E. Hinrichsen, Pasadena, and L. Keller, West Los Angeles, Calif., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Automatic billing system. 2,338,636; Jan. 4.
Goodsheller, G. J., et al. (See Baxter, George, assignor.)
Goodson, Louis H. (See Walter, L. A., and Goodson.)
Goodson, Luke B. (See Montgomery, J. V., Goodson, and Henry.)
Goodson, Luke B., Phillips, Tex., J. V. Montgomery, Fort Huachuca, Ariz., and R. W. Henry, Bartlesville, Okla., assignors to Phillips Petroleum Company. Solvent dewaxing of mineral oils. 2,349,038; May 16.
Goodson, Luke B., Phillips, Tex., J. V. Montgomery, Fort Huachuca, Ariz., and R. W. Henry, Bartlesville, Okla., assignors to Phillips Petroleum Company. Solvent dewaxing of mineral oils. 2,349,039; May 16.
Goodstein, Joseph, New York, N. Y. Filler for quilts and the like. 2,348,807; May 16.
Goodwillie, John E., and E. E. Berry, assignors to Beloit Iron Works, Beloit, Wis. Suction roll. 2,348,340; May 9.
Goodwin, Adolph O. (See Carpenter, A., and Cook, Jr., assignors.)
Goodwin, Arthur E., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Resistance welding. 2,356,049; Aug. 15.
Goodwin, Arthur E., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Power drive reeler. 2,361,192; Oct. 24.
Goodwin, Carl W., Plainfield, N. J., H. W. Martin, Malverne, and H. G. Vore, Jackson Heights, N. Y., assignors to American Seal-Kap Corporation of Delaware, Wilmington, Del. Heating device for bottle caps. 2,347,407; Apr. 25.
Goodwin, Edwin W. (See Eckhard, W. K., and Goodwin.)
Goodwin, Ernest G., assignor to Unitcast Corporation, Toledo, Ohio. Railway car. 2,348,376; May 9.
Goodwin, Frank. (See King, J. A., Kellogg, and Goodwin.)
Goodwin, Fred L., Fort Worth, Tex. Can lifter. 2,360,770; Oct. 17.
Goodwin, Henry S., East Bound Brook, N. J., assignor to Standard Oil Development Company. Bituminous road pavement. 2,353,027; July 4.
Goodwin, Lloyd O., assignor to Stanolind Oil & Gas Company, Tulsa, Okla. Back-pressure valve. 2,354,310; July 25.
Goodwin, Ray W., Cuyahoga Falls, Ohio. Quick-acting or speed chuck. 2,363,411; Nov. 21.
Goodwin, William N., Jr., assignor to Weston Electrical Instrument Corporation, Newark, N. J. Electrical instrument. 2,346,572; Apr. 11.
Goodyear, Charles H. See Lindley, C., Jr., Goodyear, and Thomas.)
Goodyear, Charles H., Stockton, assignor to Fibreboard Products Inc., San Francisco, Calif. Bottle carrier. 2,345,746; Apr. 4.
Goodyear, Charles H., Stockton, assignor to Fibreboard Products Inc., San Francisco, Calif. Carton. 2,348,377; May 9.
Goodyear, Charles H., Stockton, assignor to Fibreboard Products Inc., San Francisco, Calif. Carton. 2,348,378; May 9.
Goodyear, Charles H., Stockton, assignor to Fibreboard Products Inc., San Francisco, Calif. Carton. 2,363,861; Nov. 28.
Goodyear, Ellsworth S., Kenvil, N. J., assignor to Hercules Powder Company, Wilmington, Del. Propellant powder. 2,346,125; Apr. 11.
Goodyear, George H. (See Crowley, C. A., and Goodyear.)
Gookin, Sylvester L., Quincy, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Container. 2,344,507; Mar. 21.
Gookin, Sylvester L., Quincy, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Eyelet setting tool. 2,352,093; June 20.
Gookin, Sylvester L., Quincy, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Fastener-inserting machine. 2,357,888; Sept. 12.
Gookin, Sylvester L., Quincy, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Fastener-inserting machine. 2,357,889; Sept. 12.
Gookin, Sylvester L., Quincy, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Rivet setting implement. 2,358,703; Sept. 19.
Gookin, Sylvester L., Quincy, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Pneumatic chip ejector. 2,360,337; Oct. 17.
Goosmann, William F. (See Clark, L. J., and Goosmann.)
Gootfried, John, assignor to National Slug Rejectors, Inc., St. Louis, Mo. Coin selector. 2,339,695; Jan. 18.
Gorn, Henry Z., Bridgeport, Conn., assignor to Jenkins Bros., New York, N. Y. Rotary hydraulic pressure device. 2,365,263; Dec. 19.
Gordon, Alexander M., Providence, R. I., assignor to Money-Meters, Inc. Coin collector. 2,342,268; Feb. 22.

Gordon, Arthur, Chicago, Ill. Filter. 2,359,985; Oct. 10.
Gordon, Bruce B. (See Schrader, H., and Gordon.)
Gordon, Calmer E. (See Holmes, J. Q., and Gordon.)
Gordon, Charles W., Glen Ellyn, Ill., assignor to Combustion Engineering Company, Inc. New York, N. Y. Material drying method. 2,350,162; May 30.
Gordon, Charles W., Glen Ellyn, Ill., assignor to Combustion Engineering Company, Inc., New York, N. Y. Pulverized fuel burner. 2,361,681; Oct. 31.
Gordon, Hiram, assignor to The Walker T. Dickerson Company, Columbus, Ohio. Shank stiffener for shoes. 2,342,466; Feb. 22.
Gordon, Jack J. (See Hasche, R. L., and Gordon.)
Gordon, James H., Jr., Geneva, N. Y., and Y. T. Grover, Maplewood, N. J., assignors to American Can Company, New York, N. Y. Coating machine. 2,353,721; July 18.
Gordon, Julius M., Beaumont, Tex. Reel carrier. 2,338,930; Jan. 11.
Gordon, Julius M., Beaumont, Tex. Film reel. 2,339,009; Jan. 11.
Gordon, Nellie M. (See Holmes, J. Q., and Gordon.)
Gordon, Newell T., and W. R. Whitney, Schenectady, N. Y., assignors to General Electric Company. Vapor electric device and operation. 2,347,048; Apr. 18.
Gordon, Samuel M., Forest Hills, and F. Kipnis, Brooklyn, assignors to Endo Products, Inc., Richmond Hill, N. Y. Organo-mercury compound. 2,343,547; Mar. 7.
Gordon, Samuel M., Forest Hills, and F. Kipnis, Brooklyn, assignors to Endo Products, Inc., Richmond Hill, N. Y. Pyridine-amine-salts of para-amino-benzoic acid and making the same. 2,356,996; Aug. 29.
Gordon, Sydney I., Manhasset, N. Y. Self-locking clamp. 2,348,618; May 9.
Gordon, Wallace E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Electrical insulation. 2,348,536; May 9.
Gore, Albert J., Washington, D. C. Combined brush scraper and bail holder. 2,353,555; July 11.
Gore, Albert J., Washington, D. C. Adjustable link. 2,364,968; Dec. 12.
Gore, Frank M. (See Kolleda, Delmar, assignor.)
Gore, Herbert C., and C. N. Frey, Scarsdale, assignors to Standard Brands Incorporated, New York, N. Y. Enzymic process. 2,351,954; June 20.
Gorey, Archie H., L. D. Nadel, and E. S. Hineline, assignors to The Folmer Graflex Corporation, Rochester, N. Y. Photographic camera particularly adapted for aerial photography. 2,362,813; Nov. 14.
Gorey, Archie H., L. D. Nadel, and E. S. Hineline, assignors to The Folmer Graflex Corporation, Rochester, N. Y. Photographic exposure identification means particularly for aerial cameras. 2,362,814; Nov. 14.
Gorey, Archie H., L. D. Nadel, and E. S. Hineline, assignors to The Folmer Graflex Corporation, Rochester, N. Y. Shutter curtain mechanism, particularly for aerial cameras. 2,362,815; Nov. 14.
Gorham, George V. (See Weber, Peter H. O., assignor.)
Gorin, Manuel H. (See Abramson, H. A., and Gorin.)
Gorin, Manuel H. (See Welinsky, I. H., and Gorin.)
Görisch, Rolf, Dresden, Germany; vested in the Alien Property Custodian. Producing sound records on film. 2,356,664; Aug. 22.
Gorman, Barton L., Michigan Bluff, Calif. Gun sight. 2,353,133; July 11.
Gorman, Horace P., Rye, N. Y. Attachment for hypodermic syringes. 2,347,179; Apr. 25.
Gorman, John, assignor of forty-nine two-hundredths to S. Gorman, Los Angeles, Calif., fifty-one one-hundredths to W. E. Smith, and forty-nine two-hundredths to W. D. Griffiths. Barbecue apparatus. 2,349,617; May 23.
Gorman, Sybil, et al. (See Gorman, John, assignor.)
Gorrie, Harvard H., Cleveland Heights, Ohio, assignor to Bailey Meter Company. Liquid fuel burner. 2,349,221; May 16.
Gorrie, Harvard H., Cleveland Heights, Ohio, assignor to Bailey Meter Company. Control system. 2,356,580; Aug. 22.
Gorton, George, assignor to George Gorton Machine Co., Racine, Wis. Indexing or positioning head. 2,342,539; Feb. 22.
Gorton, George, Machine Co. (See Gorton, George, assignor.)
Gorton, George, Machine Co. (See Kelma, Harlow, assignor.)
Gorton, George, Machine Co. (See Miller, Theodore, assignor.)
Gorton, Walter T., Springfield, Mass. Automatic firearm. 2,352,193; June 27.
Gorton, Walter T., U. S. Army, Springfield, Mass. Gun. 2,353,722; July 18.
Gorton, Walter T., Springfield, Mass. Firearm. 2,365,188; Dec. 19.
Gosch, Winkler C., Hamden, assignor of one-half to M. S. Churchward, and one-half to M. A. Farnham, New Haven, Conn. Electrode holder. 2,351,852; June 20.
Gose, Ralph R., Forest Hills, assignor to The Western Union Telegraph Company, New York, N. Y. System for the conversion and retransmission of control signals. 2,355,642; Aug. 15.
Goshia, Herman C., assignor to The American Steel Package Company, Defiance, Ohio. Mounting means. 2,359,031; Sept. 26.
Goshorn, Roland H., Trenton, Mich., assignor to Sharples Chemicals Inc., Philadelphia, Pa. Manufacture of amines. 2,349,222; May 16.
Gosling, Clive A., assignor to Automotive Products Company Limited, London, England. Piston and like packing device. 2,340,466; Feb. 1.
Goss, James H., Swampscott, Mass., assignor to General Electric Company. Chargeproof cover glass. 2,346,483; Apr. 11.
Goss Printing Press Company, The. (See Crafts, Curtis S., assignor.)
Goss Printing Press Company, The. (See Holsinger, Chester, assignor.)
Goss Printing Press Company, The. (See Taylor, Auburn, assignor.)
Goss Printing Press Company, The. (See Taylor, A., and Worthington, assignors.)
Goss, Worth C., Seattle, Wash., assignor to William A. Carlisle, Jr. Carbon activator. 2,359,910; Oct. 10.
Gossard, Charles M., assignor to Pangborn Corporation, Hagerstown, Md. Abrasive supply system. 2,365,948; Dec. 26.
Gossling, Clement E., Toronto, Ontario, Canada, assignor to Rogers Majestic Corporation, Dover, Del. Portable percussive tool. 2,341,438; Feb. 8.
Gossling, Clement E. and J. A. Smith, Toronto, Ontario, Canada, assignors to Rogers Majestic Corporation, Dover, Del. Engine starting device. 2,363,412; Nov. 21.
Gosswein, Ernst C. (See Gosswein, Paul F. and E. C.)
Gosswein, Paul F. and E. C., Chicago, Ill. Toy. 2,344,607; Mar. 21.
Gotberg, Harry H. (See Welte, B., and Gotberg.)
Gotberg, Harry H., assignor to Colonial Broach Company, Detroit, Mich. Broaching machine. 2,358,225; Sept. 12.
Gothers, John L., Hartford, Conn. Method of and apparatus for performing dental operations. 2,347,553; Apr. 25.
Gothers, John L., Hartford, Conn. Vibrator apparatus. 2,347,554; Apr. 25.
Gott, Edgar N., San Diego, Calif. Remote visual control system. 2,359,032; Sept. 26.
Gott, Gordon E. (See Walton, R. R., Austin, and Gott.)
Gott, Gordon E., Cambridge, E. E. Habib, Arlington, F. B. Casey, Belmont, and B. A. Fairbank, Cambridge, assignors to Dewey and Almy Chemical Company, North Cambridge, Mass. Packaging process. 2,348,176; May 2.
Gottlieb, M. M., Associates, Inc. (See Goldsmith, Edwin M., Jr., assignor.)
Gottlieb, Manious, Philadelphia, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Gear pump. 2,354,992; Aug. 1.
Gottlieb, Nathan, assignor to Spencer Lens Company, Bag Filling Machine Company. Envelope or container. 2,363,957; Nov. 28.
Gottschalk, Frederick W., and H. W. Angell, Chicago, Ill., assignors to American Lumber & Treating Co. Kiln drying lumber. 2,343,410; Mar. 7.
Gottschalk, Lionel J., New Orleans, La. Changeable exhibitor. 2,353,028; July 4.
Gottwald, Floyd D., assignor to The Albemarle Paper Manufacturing Company, Richmond, Va. Valve for bags. 2,359,033; Sept. 26.
Gotz, Franz. (See Bauer W., and Gotz.)
Götzinger, Karl, Ternitz, N. D., Germany; vested in the Alien Property Custodian. Sausage machine. 2,341,609; Feb. 15.
Goudreau, Delphus, Northbridge, Mass. Dual cross communion set. 2,347,681; May 2.
Goudreau, Delphus, Northbridge, Mass. Dual cross communion set. 2,355,154; Aug. 8.
Goudsmit, Johan L., Nijmegen, Netherlands; vested in the Alien Property Custodian. Producing floor coverings. 2,365,814; Dec. 26.
Goudy, Carl F., Flushing, assignor to Technical Appliance Corporation, New York, N. Y. Prefabricated observation tower and the like. 2,358,704; Sept. 19.
Gough, James J., assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Motor. 2,348,341; May 9.
Gough, James J., assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Electric cooking appliance. 2,361,285; Oct. 24.
Gougler, C. L., Machine Company, The. (See Gebhardt, Charles W., assignor.)
Gould, Arthur R., Kansas City, Kans. Apparatus for coating metals and similar materials. 2,354,113; July 18.
Gould, David F. (See Cline, E. L., and Gould.)
Gould, King E., Fanwood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Measuring apparatus. 2,345,932; Apr. 4.
Gould, Louis P. (See Shroyer, G. A., Gould, and Moule.)
Gould, Richard E., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,338,240; Jan. 4.
Gould, Richard E., Oakwood, assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,364,287; Dec. 5.
Gould, Richard E., and C. F. Henney, assignors to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,338,931; Jan. 11.

Gouldbourn, Joseph, Leicester, England, assignor to United Shoe Machinery Corporation, Flemington, N. J. Grading machine. 2,364,708; Dec. 12.
Gouldbourn, Joseph, and C. H. Heather, Leicester, England, assignors to United Shoe Machinery Corporation, Borough of Flemington, N. J. Grading machine. 2,338,283; Jan. 4.
Goulet, Real, assignor of one-half to C. W. Jones, Benton Station, Calif. Blasting cartridge. 2,361,622; Oct. 31.
Goulooze, Martin J., Grand Rapids, assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,339,566; Jan. 18.
Goulooze, Martin J., Grand Rapids, assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,345,665; Apr. 4.
Goulooze, Martin J., Grand Rapids, assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,348,379; May 9.
Goulooze, Martin J., Grand Rapids, assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,349,419; May 23.
Goulooze, Martin J., Grand Rapids, assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,349,420; May 23.
Gourse, Milton, Knoxville, Tenn. Jewelry. 2,365,870; Dec. 26.
Government of the United States, as represented by the Secretary of the Department of Commerce. (See Scribner, B. F., and Corliss, assignors.)
Govin y Gomez, Maria, Habana, Cuba. Perpetual calendar. 2,358,702; Sept. 19.
Gow, James T. (See Harder, O. E., and Gow.)
Goy, Herbert, Berlin-Tempelhof, Germany; vested in the Alien Property Custodian. Gangway connection between two vehicles coupled to each other, particularly flexible gangway bellows for railway carriages. 2,344,351; Mar. 14.
Grabau, William C., Brighton, assignor to Submarine Signal Company, Boston, Mass. Motor speed regulator. 2,342,657; Feb. 29.
Grabau, William C., assignor to Submarine Signal Company, Boston, Mass. Voltage regulator. 2,349,166; May 16.
Grabau, William C., Brighton, assignor to Submarine Signal Company, Boston, Mass. Motor speed regulator. 2,352,626; July 4.
Grabau, William C., Brighton, assignor to Submarine Signal Company, Boston, Mass. Frequency and voltage regulator. 2,356,397; Aug. 22.
Grabau, William C., Brighton, assignor to Submarine Signal Company, Boston, Mass. Electrical apparatus. 2,359,308; Oct. 3.
Grabec, Josef A., Bratislava, Czechoslovakia; vested in the Alien Property Custodian. Molding perforated elastic material. 2,352,194; June 27.
Grabec, Josef, Bratislava, Slovakia; vested in the Alien Property Custodian. Manufacturing composite sheet material. 2,361,682; Oct. 31.
Grabinski, Philip, South Prairie, Wash. Vehicle. 2,349,263; May 23.
Grabowsky, Murray, assignor to R. J. Ederer Company, Chicago, Ill. Net. 2,357,890; Sept. 12.
Grace, Bertram Barnett, and W. H. M. Hellier, London, England, assignors to International Standard Electric Corporation, New York, N. Y. Indicator system. 2,347,258; Apr. 25.
Grace, Hyman B., London, Ontario, Canada. Dispenser. 2,348,468; May 9.
Gracia, Albert J. (See Smith, C. H., and Gracia.)
Gradisar, Albin A. (See Peck, W. F., and Gradisar.)
Gradisar, Albin A., and G. E. Guellich, assignors to Spencer Lens Company, Buffalo, N. Y. Microscope. 2,360,221; Oct. 10.
Gradle, Roy, Santa Barbara, Calif. Trigger mechanism. 2,346,484; Apr. 11.
Grady, Benjamin, Washington, D. C. Carriage escapement device. 2,365,189; Dec. 19.
Graebner, Winfred H. (See Abrams, A., Forcey, Graebner, Heald, and Rumberger.)
Graef, John N. (See Harris, C. H., and Graef, assignors.)
Graenacher, Charles, Riehen, R. Saliann, Bottmingen, and O. Albrecht, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Condensation products and making same. 2,338,177; Jan. 4.
Graenacher, Charles, Riehen, and R. Sallmann, Bottmingen, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Condensation product. 2,338,178; Jan. 4.
Graenacher, Charles, Riehen, R. Sallmann, Bottmingen, and O. Albrecht, Basel, assignors to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Manufacture of thiourea condensation products. 2,345,109; Mar. 28.
Graenacher, Charles, Riehen, R. Sallmann, Bottmingen, O. Albrecht, Munchenstein, and J. Frei, Basel, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Improving fibrous material and the material treated by such a process. 2,345,110; Mar. 28.
Graenacher, Charles, Riehen, and R. Sallmann, Gelterkinden, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Hydrazides and preparing same. 2,355,911; Aug. 15.
Graenacher, Charles, Riehen, and R. Sallmann, Bottmingen, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Condensation products and preparing same. 2,361,093; Oct. 24.
Graenacher, Charles, Riehen, and J. Frei, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Imidazole derivatives and preparing the same. 2,361,472; Oct. 31.
Graenacher, Charles, Riehen, and R. Sallmann, Bottmingen, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Condensation products and preparing the same. 2,365,871; Dec. 26.
Graessner, David A., Westfield, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Take-up mechanism for sewing machines. 2,358,493; Sept. 19.
Graf, Anton, Berlin-Steglitz, Germany; vested in the Alien Property Custodian. Gravity meter. 2,351,955; June 20.
Graf, Ernest, assignor to The Electric Storage Battery Company, Philadelphia, Pa. Plate for secondary or storage batteries. 2,350,752; June 6.
Graff, John B., assignor to Gunn Furniture Company, Grand Rapids, Mich. Typewriter desk. 2,345,254; Mar. 28.
Graham, Calvin P., Jackson, assignor of one-half to J. C. Harper, Meridian, Miss. Latch operating device. 2,344,696; Mar. 21.
Graham, Carl. (See Le Tourneau, R. G., and Graham.)
Graham, Carmen L., by marriage. (See Larison, Carmen.)
Graham, Frank B., Lansing, Mich. Punch. 2,348,380; May 9.
Graham, Frederick M., South Whitley, Ind., and E. E. Martin, Altoona, Pa. Elastic tie plate anchor spike. 2,365,545; Dec. 19.
Graham, George M., Detroit, assignor to Hinckley-Myers Company, Jackson, Mich. Automobile straightening apparatus. 2,340,587; Feb. 1.
Graham, George M., Detroit, assignor to Hinckley-Myers Division of Kent-Moore Organization, Inc., Jackson, Mich. Work sling. 2,349,717; May 23.
Graham, Gordon B. (See Clapsadle, L. J., and Graham.)
Graham, Harold M., Bronxville, and F. D. Berkeley, Chappaqua, assignors to The Lummus Company, New York, N. Y. Heat exchanger. 2,341,319; Feb. 8.
Graham, Harry D., Kingston, N. Y. Hose nozzle. 2,347,476; Apr. 25.
Graham, Herbert A., Goderich, Ontario, Canada. Changeable exhibitor. 2,363,725; Nov. 28.
Graham, Jesse B., assignor of one-half to R. A. Gay, San Diego, Calif. Coin operated typewriter control apparatus. 2,357,324; Sept. 5.
Graham, Joe, Louisville, Miss. Window sash operating device. 2,359,518; Oct. 3.
Graham, Louis A., assignor to Graham Transmissions, Inc., Milwaukee, Wis. Reversible power drive. 2,344,352; Mar. 14.
Graham, Matthew P. (See Hufferd, G. H., and Graham.)
Graham, Matthew P., Detroit, Mich., assignor to Thompson Products Incorporated, Cleveland, Ohio. Quick disconnect coupling. 2,340,119; Jan. 25.
Graham, Matthew P., and A. Venditty, Detroit, Mich., assignors to Thompson Products Incorporated, Cleveland, Ohio. Tie rod joint assembly. 2,340,467; Feb. 1.
Graham, Matthew P., Detroit, Mich., assignor to Thompson Products Incorporated, Cleveland, Ohio. Spring seat. 2,361,024; Oct. 24.
Graham, Matthew P., and A. Venditty, Detroit, Mich., assignors to Thompson Products, Incorporated, Cleveland, Ohio. Ball joint. 2,361,025; Oct. 24.
Graham, Maurice H., Minneapolis, Minn. Coffee pot. 2,356,784; Aug. 29.
Graham, Robert E., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical switching. 2,356,514; Aug. 22.
Graham Transmissions, Inc. (See Graham, Louis A., assignor.)
Graham, Wallace S., Lancaster, Ohio. Semi-automatic operating device for garment presses. 2,351,956; June 20.
Graham, Walton C., assignor, by mesne assignments, to Potash Company of America, Denver, Colo. Conversion process for fertilizer materials. 2,364,524; Dec. 5.
Graham, William R., Jr., Kansas City, Kans., assignor to American Dairies Incorporated, Kansas City, Mo., and The Quaker Oats Company, Chicago, Ill. Apparatus for preserving organic materials. 2,351,853; June 20.
Graham, William R., Jr., Kansas City, Kans., assignor to American Dairies Incorporated, Kansas City, Mo., and the Quaker Oats Company, Chicago, Ill. Preserving organic materials. 2,353,029; July 4.
Graham, William S., Canton, Ill., assignor to International Harvester Company. Agricultural implement. 2,349,343; May 23.
Gramelspacher, Clarence U., Jasper, Ind. Plywood barrel. 2,365,754; Dec. 26.
Granat, Frank P., Woodside, Long Island, N. Y. Rotary tool and attachment therefor. 2,339,567; Jan. 18.
Granberg, Albert J., Emeryville, Calif. Airport fueling system. 2,354,915; Aug. 1.
Granberg, Bengt R., and A. G. Ericson, assignors to Sundstrand Machine Tool Co., Rockford, Ill. Feed screw mechanism. 2,345,194; Mar. 28.

Granberry, Doyle S., La Grange, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Electric balance or scale. 2,357,691; Sept. 12.
Grand Rapids Fibre Cord Company. (See Sackner, Wade E., assignor.)
Grand Rapids Hardware Company. (See Viehweger, August, assignor.)
Grand Rapids Store Equipment Company. (See Carter, Thomas A., Jr., assignor.)
Grandel, Felix, Emmerich-on-the-Rhine, Germany; vested in the Alien Property Custodian. Preparing tentone acids and their salts. 2,356,581; Aug. 22.
Grandjean, Leon H., E. P. Le Vasseur, and S. N. Prats, New Orleans, La. Vertical dehydrator. 2,351,676; June 20.
Grandstaff, Otho D., Oak Park, Ill., assignor to Automatic Electric Laboratories, Inc. Frequency reducing system. 2,340,376; Feb. 1.
Grandstaff, Otho D., T. W. Gilman, and R. H. Herrick, Oak Park, Ill., assignors to Automatic Electric Laboratories, Inc. Current supply system. 2,343,411; Mar. 7.
Graney, Mary W. (See Abbott, P. D., and Graney.)
Granfield, John C., Pittsfield, Mass., assignor to General Electric Company. Magnetic core. 2,348,003; May 2.
Granqvist, Carl-Erik. (See Alexandersson, H. V., and Granqvist.)
Granqvist, Carl-Erik, assignor to Aga-Baltic Aktiebolag, Stockholm, Sweden. Directional radio beam for blind landings. 2,347,180; Apr. 25.
Granstedt, Karl E., assignor to Aktiebolaget Formator, Stockholm, Sweden. Machine for the manufacture of cigar bunches or the like. 2,353,663; July 18.
Granstedt, Karl E., assignor to Aktiebolaget Formator, Stockholm, Sweden. Tobacco leaf cutting device. 2,358,034; Sept. 26.
Grant, Alexander G. (See Bondy, O., and Grant.)
Grant, Casper E., Portsmouth, Va. Game apparatus. 2,349,040; May 16.
Grant, Charles H. (Lee Lawler, Frank P., assignor.)
Grant, Charles H., et al. (See Lawler, Frank P., assignor.)
Grant, David H., Seattle, Wash. Forage cutter. 2,338,932; Jan. 11.
Grant, Harry C., Jr., New York, N. Y., assignor to Specialties Development Corporation, Bloomfield, N. J. System for storing and dispensing fluid pressure mediums. 2,341,538; Feb. 15.
Grant, Harry C. Jr., New York, N. Y., and W. M. Haessler, Jersey City, assignors to Specialties Development Corporation, Bloomfield, N. J. Cutoff valve. 2,351,035; June 13.
Grant, Harry C., Jr., New York, N. Y., assignor to Specialties Development Corporation, Bloomfield, N. J. Immersion actuator. 2,351,036; June 13.
Grant, Harry C., Jr., New York, N. Y., and A. Manhartsberger, assignors to Specialties Development Corporation, Bloomfield, N. J. Impact actuator. 2,351,607; June 20.
Grant, Harry C., Jr., New York, N. Y., assignor to Specialties Development Corporation, Bloomfield, N. J. Fluid dispensing system. 2,352,627; July 4.
Grant, Harry C., Jr., New York, N. Y., assignor to Specialties Development Corporation, Bloomfield, N. J. Valve device. 2,363,521; Nov. 28.
Grant, Jesse R., Chicago, Ill. Encasing eggs. 2,346,161; Apr. 11.
Grant, John A., Tampa, Fla. Egg cleaning apparatus. 2,357,892; Sept. 12.
Grant, Orin B., Cranford, N. J., assignor to American Cyanamid Company, New York, N. Y. Producing triarylemethane dyes. 2,359,733; Oct. 10.
Grant Positype Corporation. (See Pask, Stanley J., assignor.)
Grant, Rudolph R., Los Angeles, Calif., assignor of one-fourth to M. Isaacson, Dayton, Ohio, and S. Shappirio, Washington, D. C. Composition containing resinous type products. 2,349,165; May 16.
Grant Storage Battery Company. (See Hatfield, James E., assignor.)
Grant, Vail W., Springfield, Mass. Rear sight for firearms. 2,364,007; Dec. 5.
Granular Foods, Inc. (See Heyman, Wilbert A., assignor.)
Granville, Walter, assignor to Interchemical Corporation, New York, N. Y. Camouflage. 2,361,473; Oct. 31.
Grapp, Herbert L., Minneapolis, Minn. Pressure heating device. 2,340,120; Jan. 25.
Grassl, Georg. (See Kroenig, W., v. Fuener, and Grassl.)
Graton & Knight Company. (See Gillet, W., Morris, and Ahlstrand, assignors.)
Grattan, Peter J., Minneapolis, Minn. Road sanding device. 2,360,870; Oct. 24.
Gratzmüller, Jean L., Paris, France; vested in the Alien Property Custodian. Valve. 2,342,731; Feb. 29.
Grauer, Theodor, Horn, assignor to the firm Feldmühle A.-G. vormals Loeb, Schoenfeld & Co. Rorschach, Rorschach, Switzerland. Winding carrier for freshly spun threads of artificial silk. 2,338,933; Jan. 11.
Graumann, Erich, and W. Zetzsche, Premnitz, Germany; vested in the Alien Property Custodian. Making artificial fibers. 2,340,377; Feb. 1.
Gravely, Benjamin F., Charleston, W. Va. Cultivator blade. 2,364,208; Dec. 5.
Gravenstein, Friedrich-Wilhelm G., Berlin, Germany, assignor to Transart Aktiebolag, Goteborg, Sweden. Manufacture of printed articles. 2,349,718; May 23.
Gravenstretter, Paul. (See Asimow, M., Craig, and Gravenstretter.)
Graver Tank & Mfg. Co. (See Kamp, Ewald A., assignor.)
Graver Tank & Mfg. Co. (See Larsen, Thyge O., assignor.)
Graver Tank & Mfg. Co. (See Prager, Frank D., assignor.)
Graver Tank & Mfg. Co. (See Welp, Edward W., assignor.)
Graves, Carl O. (See Haas, F. S., Graves, and Janke.)
Graves, Clarence D., Dublin, Ga. Colostomy outfit. 2,341,984; Feb. 15.
Graves, Edward B. (See Goldfield, E. R., and Graves.)
Graves, Edward B., South Euclid, assignor to Picker X-Ray Corporation, Waite Manufacturing Division, Inc., Cleveland, Ohio. Metering device for x-ray apparatus. 2,355,068; Aug. 8.
Graves, Eldon F. (See Knutson, A. T., and Graves.)
Graves, George De W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Incorporating finely divided materials in molten compositions. 2,345,533; Mar. 28.
Graves, Herbert C., Jr., West Chester, assignor to I. T. E. Circuit Breaker Company, Philadelphia, Pa. Arc splitting plate. 2,338,715; Jan. 11.
Graves, Herbert C., Jr., West Chester, assignor to I-T-E Circuit Breaker Company, Philadelphia, Pa. Circuit breaker locking device. 2,343,548; Mar. 7.
Graves, Ritson H., Westfield, N. J., assignor to The American Metal Company, Limited, New York, N. Y. Removal of iron from tin. 2,363,127; Nov. 21.
Graves, William A., Lomita, Calif. Internal combustion engine. 2,352,891; July 4.
Graveson, George L., Amityville, N. Y., and C. R. Keith, Maplewood, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Temperature regulated electronic apparatus. 2,364,136; Dec. 5.
Graveson, Norman A. (See Brown, W. R., and Graveson.)
Graviner Manufacturing Company. (See Mathisen, Anders, assignor.)
Graviner Manufacturing Company Limited. (See Salmond, H. M., and Mathisen, assignors.)
Gravley, Charles K., Cleveland, Ohio, assignor, by mesne assignments, to Harper J. Ransburg Company, Indianapolis, Ind. Electrostatic method and apparatus. 2,359,476; Oct. 3.
Gray, Alexander F., Savannah, Ga. Means for use in launching ships. 2,366,021; Dec. 26.
Gray, Alvin N., Joppa, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Making cable. 2,341,712; Feb. 15.
Gray, Arzy R. (See McNally, J. G., Dickey, and Gray.)
Gray, Donald E., Teaneck, N. J., assignor to Radio Patents Corporation. Control device, particularly thermostatic device. 2,361,193; Oct. 24.
Gray, Dorothy, Ltd. (See Whitehead, Alice M., assignor.)
Gray, Frank, East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Space discharge apparatus and circuit. 2,340,742; Feb. 1.
Gray, Frank, East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron lens structure. 2,351,501; June 13.
Gray, Frank, East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,351,757; June 20.
Gray, G. A., Company, The. (See Marx, August, assignor.)
Gray, G. A., Company, The. (See Walter, John M., assignor.)
Gray, Gerald H., Saltford, Bristol, England. Producing mats. 2,360,416; Oct. 17.
Gray, Hugh W. (See Hanford, W. E., Schreiber, and Gray.)
Gray, Hugh W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Aliphatic aminoacyl compound and preparing same. 2,343,769; Mar. 7.
Gray, James D. M., assignor of twenty per cent to T. J. Agar, and twenty-five per cent to H. W. Terry, and H. W. McIntosh, Toronto, Ontario, Canada. Aircraft control. 2,353,303; July 11.
Gray, James W. (See de Florez, L., and Gray.)
Gray, John, Dalhart, Tex. Spool holder. 2,340,184; Jan. 25.
Gray, John D., Chicago, and K. W. Chapman, Clarendon Hills, Ill. Butcher tray trim. 2,366,099; Dec. 26.
Gray, John S., San Antonio, Tex., assignor to Merck & Co., Inc., Rahway, N. J. Preparation of pyrogen-free urogastrone. 2,357,103; Aug. 29.
Gray, Kenneth R. (See Schlosser, P. H., and Gray.)
Gray, Kenneth R. (See Schlosser, P. H., Gray, and Hallonquist.)
Gray Manufacturing Company, The. (See Clausen, Henry P., assignor.)
Gray Manufacturing Company, The. (See Mann, Hayward K., assignor.)
Gray, Milton. (See Partee, W. W., and Gray.)
Gray, Newenham A., assignor to D. J. Murray Manufacturing Co., Wausau, Wis. Screen. 2,358,970; Sept. 26.
Gray, Percy, Jefferson, Iowa. Lined tank and constructing and leakage testing the same. 2,346,423; Apr. 11.

Gray, Reo D., and J. R. Denison, assignors of one-fourth to C. W. West and one-fourth to A. Barbour, Portland, Oreg. Scaling tool. 2,356,314; Aug. 22.
Gray, Richard E., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Transmitter having impulse modulation. 2,357,398; Sept. 5.
Gray, Robin, Stockport, England, assignor to The Electric Storage Battery Co. Electric connector. 2,362,200; Nov. 7.
Gray, Robin, Clifton Junction, near Manchester, England, assignor to The Electric Storage Battery Company, Philadelphia, Pa. Electric accumulator. 2,364,896; Dec. 12.
Gray Tool Company. (See Yancey, John R., assignor.)
Gray, Walter K., Wilmington, Calif. Articulated paint brush. 2,348,972; May 16.
Graybill, Hershey R., Manheim, assignor to Animal Trap Company of America, Lititz, Pa. Animal trap. 2,348,251; May 9.
Graybill, Howard W., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Switch. 2,359,105; Sept. 26.
Graybrook, Herbert W., Irwin, and C. J. Biscup, Whitaker, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Self-regulated motor-generator set. 2,349,618; May 23.
Grayson Heat Control, Limited. (See Jackson, Wilbur F., assignor.)
Grayson Heat Control, Ltd. (See Jackson, W. F., and Jeffers, assignors.)
Grayson Heat Control, Ltd. (See Jeffers, Thomas H., assignor.)
Grayson, John H., Monrovia, Calif. Milling cutter. 2,350,974; June 6.
Great American Furniture Corporation. (See McInnis, Joseph S., assignor.)
Great American Industries, Inc. (See Contner, Burgi, assignor.)
Great American Industries, Inc. (See Hellmann, Reinhard K., assignor.)
Great American Industries, Inc. (See Shaw, Herbert G., assignor.)
Great Atlantic & Pacific Tea Company, The. (See Arens, Egmont, assignor.)
Greathouse, John F., Plainfield, N. J., assignor to Mack Manufacturing Corporation, New York, N. Y. Diesel starting booster. 2,364,356; Dec. 5.
Great Lakes Pipe Line Company. (See Greenwell, D. D., and Stalnaker, assignors.)
Great Western Sugar Company, The. (See Dahlberg, Henry W., assignor.)
Greaves, Donald L., Fort Leonard Wood, Mo. Inclinometer. 2,357,586; Sept. 5.
Greaves, Richard, et al., trustees. (See Ross, Talbert C., assignor.)
Greaves, Valentine F., Oakland, Calif. Progressive separator. 2,353,664; July 18.
Greaves-Walker, Arthur F., and R. L. Stone, Raleigh, N. C., assignors of one-sixth to A. B. Foster and one-sixth to O. Codier, Washington, D. C., two-sixths to said Greaves-Walker and two-sixths to said Stone. Furnace refractory and making. 2,363,522; Nov. 28.
Grebe, John J., assignor to The Dow Chemical Company, Midland, Mich. Apparatus for treating wells. 2,361,194; Oct. 24.
Grebe, John J., assignor to The Dow Chemical Company, Midland, Mich. Method of and apparatus for treating wells. 2,361,195; Oct. 24.
Grebe, John J., and E. H. Harder, assignors to The Dow Chemical Company, Midland, Mich. Method of and apparatus for producing reticulated articles from thermoplastics. 2,361,309; Oct. 31.
Grecco, Louis P., Portland, Oreg. Divisible carton. 2,359,986; Oct. 10.
Gredell, Otto N., Kansas City, assignor to Standard Steel Works, North Kansas City, Mo. Connection for thin wall tubing. 2,338,686; Jan. 4.
Green, A. P., Fire Brick Company. (See Bradley, Richard S., assignor.)
Green, Arthur B., Needham, assignor to Paprex Company, Wakefield, Mass. Continuous freeness recording method and means. 2,346,746; Apr. 18.
Green Brothers, Inc. (See Bixby, William H., assignor.)
Green, Clarence J., assignor to Norton Company, Worcester, Mass. Cam grinding apparatus. 2,351,502; June 13.
Green, Charles B., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Resistor device. 2,344,298; Mar. 14.
Green, Charley L., assignor of one-third to O. W. Schroeder, Corpus Christi, Tex. Hydraulic brake control mechanism. 2,353,304; July 11.
Green, Edward E., assignor to Curtis Companies Incorporated, Clinton, Iowa. Structural joint. 2,347,049; Apr. 18.
Green, Emmet M., Los Angeles, Calif. Screw fastener. 2,346,835; Apr. 18.
Green, Emmet M., Los Angeles, Calif. Threaded fastener. 2,353,030; July 4.
Green, Emmet M., Los Angeles, Calif. Self-tightening fastener. 2,358,005; Sept. 12.
Green, Estill I., Millburn, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical wave modulation. 2,347,093; Apr. 18.
Green, Estill I., Millburn, N. J., and N. Monk, Darien, Conn., assignors to American Teelphone and Telegraph Company. Phase control in electrical transmission. 2,345,933; Apr. 4.
Green, George, Houston, Tex. Retractable pack-off device. 2,338,326; Jan. 4.
Green, George G., Honolulu, Hawaii. Front fender shield. 2,349,421; May 23.
Green, Harland C. (See Clark, D. E., Pratt, Coleman, and Green.)
Green, Henry, assignor to Interchemical Corporation, New York, N. Y. Method of and apparatus for measuring flow characteristics in liquids. 2,345,968; Apr. 4.
Green, Henry, assignor to Interchemical Corporation, New York; N. Y. Viscometer. 2,365,339; Dec. 19.
Green, Henry, New York, N. Y., and E. F. Fullam, Princeton, N. J., assignors to Interchemical Corporation, New York, N. Y. Wood filler. 2,348,619; May 9.
Green, Isaac H. C. (See Fregeolle, O., and Green.)
Green, Isaac H. C., Central Falls, and E. St. Pierre, Pawtucket, assignors to Hemphill Company, Central Falls, R. I. Stocking top and knitting. 2,345,666; Apr. 4.
Green, Isaac H. C., and E. St. Pierre, Pawtucket, assignors to Hemphill Company, Central Falls, R. I. Stocking top. 2,347,775; May 2.
Green, Isaac H. C., Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Knitted fabric and making the same. 2,351,758; June 20.
Green, Jack L., Duncan, S. C. Dyeing booster. 2,366,100; Dec. 26.
Green, John C. (See Lau, A. J., and Donath, assignors.)
Green, John L. (See Russell, Andrew C., assignor.)
Green, Joseph, Brooklyn, N. Y., assignor to Wolverine Supply and Manufacturing Company, Pittsburgh, Pa. Toy organ. 2,353,890; July 18.
Green, Lee B., Lakewood, Ohio. Method and apparatus for making bearing-retaining lock nuts. 2,355,856; Aug. 15.
Green, Lionel L., Kansas City, Mo. Pump. 2,341,985; Feb. 15.
Green, Norvin H., Tuxedo Park, N. Y. Paving block. 2,340,526; Feb. 1.
Green, Robert H., Marion, Ind. Fibrous sheet conditioning machine. 2,347,556; Apr. 25.
Green, Robert M., & Sons, Inc. (See Beane, Carson H., assignor.)
Green, Samuel G. (See Lennon, R. J., and Green.)
Green, Samuel G., Gray, Ga. Flash hider. 2,339,777; Jan. 25.
Green, Samuel G., Gray, Ga. Barrel mounting. 2,345,596; Apr. 4.
Green, Samuel G., Gray, Ga. Stabilizer for guns. 2,351,037; June 13.
Green, Samuel G., Gray, Ga. Recoil check and barrel accelerator for automatic weapons. 2,362,996; Nov. 21.
Green, Stanley S. (See Reynolds, J. H., and Green.)
Green, Stanley S., assignor to Duncan Electric Manufacturing Company, Lafayette, Ind. Lightningproof watthour meter. 2,338,109; Jan. 4.
Green, Stanley S., assignor to Duncan Electric Manufacturing Company, La Fayette, Ind. Watt-hour meter. 2,349,347; May 23.
Green, Stanley S., assignor to Duncan Electric Manufacturing Company, Lafayette, Ind. Watt-hour meter base. 2,350,395; June 6.
Green, Thomas D., West Hartford, Conn., assignor to Hartford-Empire Company, Hartford, Conn. Cooling nozzle for hollow glassware. 2,345,806; Apr. 4.
Green, Vernon L. (See Nystrom, K. F., and Green.)
Green, Walter H., Chicago, Ill., assignor to Infilco Incorporated. Liquid treatment. 2,348,122; May 2.
Green, Walter H., Chicago, Ill., assignor to Infilco, Incorporated. Liquid treatment. 2,348,124; May 2.
Green, Walter H., assignor to International Filter Co., Chicago, Ill. Sewage treatment. 2,348,125; May 2.
Green, Walter H., Chicago, Ill., assignor to Infilco Incorporated. Sewage purification. 2,348,126; May 2.
Green, Walter H., Chicago, Ill., assignor to Infilco Incorporated. Liquid treating apparatus and process. 2,355,069; Aug. 8.
Green, Walter H., Chicago, Ill., assignor to Infilco Incorporated. Sewage clarifier. 2,364,023; Nov. 28.
Green, Walter H., Batavia, and S. L. Adelson, assignors to Infilco Incorporated, Chicago, Ill. Actuator control. 2,363,174; Nov. 21.
Green, Walter H., and J. R. Barrington, Chicago, Ill., assignors to Infilco Incorporated. Treatment of liquid. 2,348,123; May 2.
Green, Willard J., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Sound recording apparatus. 2,340,806; Feb. 1.
Green, William G., Tulsa, Okla. Seismic prospecting. 2,364,209; Dec. 5.
Green, William N. (See Marder, E. P., and Green.)
Green, Wilson E., Eunice, N. Mex. Gas operated pump for oil wells and the like. 2,342,855; Feb. 29.
Greenawalt, John E., Bronxville, N. Y. Steelmaking. 2,363,666; Nov. 28.

Greenberg, Frank, assignor of one-half to H. Malter, New York, N. Y. Heel of shoes worn by men, women and children, or by animals. 2,341,214; Feb. 8.
Greenberg, Frank, New York, N. Y. Adapter for drills. 2,361,683; Oct. 31.
Greenberg, Joseph, assignor of fifty per cent to S. Rotman, Philadelphia, Pa. Manufacture of lamp shades. 2,348,469; May 9.
Greenberg, Samuel, Chicago, Ill. Gas tank lock. 2,345,809; Apr. 4.
Greenberger, Joseph I. (See Stone, M. D., McBane, and Greenberger.)
Greenblatt, Louis W., Jr., and G. T. Bixby, Dayton, Ohio. Automatically compensating gun sight. 2,363,523; Nov. 28.
Greenburg, Richard B., Cheltenham Township, Montgomery County, Pa., assignor to Allied Chemical & Dye Corporation, New York, N. Y. Azeotropic distillation of benzene fractions. 2,352,534; June 27.
Greene, Charles W., Toledo, Ohio, assignor to The Flex-O-Tube Company. Removing hose from mandrels. 2,361,026; Oct. 24.
Greene, Charles W., and R. A. Habermaier, Toledo, Ohio, assignors, by mesne assignments, to The B. F. Goodrich Company. Core for golf balls or the like and making. 2,363,059; Nov. 21.
Greene, Edgar J., Schenectady, N. Y. Fuel saver for internal combustion engines. 2,342,046; Feb. 15.
Greene, Frank S., Cleveland, assignor to W. M. O'Neil, Cleveland Heights, Ohio. Signaling system. 2,365,949; Dec. 26.
Greene, Harry J., Ottawa, Kans. Punching and reinforcing device. 2,353,232; July 11.
Greene, Howard H., Oklahoma City, Okla. Deep well firing mechanism. 2,344,297; Mar. 14.
Greene, Howard H., Oklahoma City, Okla. Deep well dump can. 2,353,458; July 11.
Greene, J. S. (See Dean, Glen C., assignor.)
Greene, Raymond J., assignor to The Gem Clay Forming Company, Sebring, Ohio. Gas burner. 2,357,647; Sept. 5.
Greene, Rose R., Los Angeles, Calif. Mixing tablet. 2,363,726; Nov. 28.
Greenfield, Mildred, Bronx, N. Y. Handbag or the like. 2,355,155; Aug. 8.
Greenfield, Robert E., assignor to A. E. Staley Manufacturing Company, Decatur, Ill. Refining vegetable phosphatides. 2,339,164; Jan. 11.
Greenhill, Charles W., Brooklyn, N. Y. Pad. 2,344,549; Mar. 21.
Greenlaw, Alfred L., New Britain, Conn. Grill. 2,341,439; Feb. 8.
Greenleaf, Robert M., and P. C. Palmer, Los Angeles, Calif., assignors, by mesne assignments, to F. R. Pendleton, trustee for ML Trust, Everett, Wash. Wheel balance testing apparatus. 2,341,141; Feb. 8.
Greenleaf, Robert M., and J. L. Hunt Grosse Pointe, Mich., assignors to the M. L. Trust, F. R. Pendleton, trustee, Everett, Wash. Gauge. 2,363,060; Nov. 21.
Greenleaf, Rupert L., Auburn, Maine. Stamping machine. 2,338,241; Jan. 4.
Greenlee Bros. & Co. (See Mansfield, Judson H., assignor.)
Greenlee, Harry R. (See Patrick, G. C., and Greenlee.)
Greenlee, Harry R., assignor to The Studebaker Corporation, South Bend, Ind. Transmission. 2,354,257; July 25.
Greenlee, Harry R., assignor to The Studebaker Corporation, South Bend, Ind. Fluid coupling. 2,360,124; Oct. 10.
Greenlie, David G. (See Walton, R. R., and Greenlie.)
Greenlor, Maxwell, et al. (See Brockway, Walter L., assignor.)
Green's Fuel, Incorporated. (See Jones, Nelson M., assignor.)
Greenstein, Oscar, New York, N. Y. Intaglio printing. 2,362,263; Nov. 7.
Greenup, Harold W., Barrington, R. I., and R. D. Byall, assignors to Firestone Tire & Rubber Company, Akron, Ohio. Expansion joint. 2,339,556; Jan. 18.
Greenup, Harold W., Barrington, and L. A. Wohler, Bristol Ferry, R. I., assignors to The Firestone Tire & Rubber Company, Akron, Ohio. Strengthening porous rubber articles and article produced. 2,354,430; July 25.
Greenwald, Milton S., Los Angeles, Calif. Combined light fixture and sterile lamp. 2,339,010; Jan. 11.
Greenwalt, Marion E., Elvins, Mo. Concrete block mold. 2,355,967; Aug. 15.
Greenwell, Dale D., and H. W. Stalnaker, assignors to Great Lakes Pipe Line Company, Kansas City, Mo. Pressure equalizer. 2,341,501; Feb. 8.
Greenwood, Ernest L. (See Finlayson, D., Greenwood, and Simpson.)
Greenwood, Henry B., assignor to F. X. Hooper Company, Inc., Baltimore, Md. Crate marking machine. 2,348,537; May 9.
Greenwood, Kendall T., Sanford, Maine. Tripod head for cameras and the like. 2,354,515; July 25.
Greenwood, Talma T., Boston, assignor to Superior Manufacturing Company, Fitchburg, Mass. Staple and making the same. 2,351,608; June 20.
Greep, Roy O. (See van Dyke, H. B., Chow, and Greep.)
Greep, Roy O. (See van Dyke, H. B., Greep, and Chow.)
Greer, Agnes J. R. (See Shoemaker, Robert W., assignor.)
Greer, Edward M., West Hampstead, Long Island, N. Y. Portable hydraulic test stand for aircraft. 2,364,709; Dec. 12.
Greer, Edward R., Minnetonka, assignor to Rotary Snow Plow Company, Minneapolis, Minn. Vehicle for propelling and driving rotary snow plows and other mechanisms. 2,355,912; Aug. 15.
Greer, J. W., Company. (See Greer, Jesse W., assignor.)
Greer, Jesse W., assignor to J. W. Greer Company, Cambridge, Mass. Marshmallow beater. 2,354,516; July 25.
Greer, Robert R., Brooklyn, N. Y. Supporting frame for screens. 2,357,819; Sept. 12.
Gregor, Paul B., Glenside, Pa. Fuel feeder for furnaces. 2,359,638; Oct. 3.
Gregg, David, Caldwell, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Pressure regulating device. 2,338,505; Jan. 4.
Gregg, Jon, assignor to L. D. Gregg, Flemington, N. J. Making outsoles. 2,361,938; Nov. 7.
Gregg, Jonas F., Mishawaka, Ind. Washing machine mechanism. 2,342,269; Feb. 22.
Gregg, Lynne D. (See Gregg, Jon, assignor.)
Greggory, Inc. (See Heimerdinger, Robert C., assignor.)
Gregor, Harold S. (See Bertoldo, J. M., and Gregor.)
Gregory, Alan F. C., Belleville, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Nonspill vent means. 2,343,663; Mar. 7.
Gregory, Caradoc M. (See Huthsing, L. B., and Gregory.)
Gregory, James. (See Quilter, J. R. C., and Gregory.)
Gregory, John J., Catonsville, Md., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Filament cutting apparatus. 2,356,841; Aug. 29.
Gregory, Lon S., Tulsa, Okla. Gasoline plant. 2,345,934; Apr. 4.
Gregory, Waylande C., Bound Brook, N. J. Composite glass and ceramic article and making. 2,357,399; Sept. 5.
Greider, Harold W. (See MacArthur, R. A., and Greider.)
Greider, Harold W., and R. A. MacArthur, Wyoming, Ohio, assignors to The Philip Carey Manufacturing Company. Manufacture of heat insulation material. 2,348,898; May 16.
Greider, Harold W., Wyoming, and W. T. Young, Springdale, Ohio, assignors to The Philip Carey Manufacturing Company. Coated cement product and manufacturing same. 2,350,030; May 30.
Greider, Harold W., Wyoming, and G. A. Fasold, Mount Healthy, Ohio, assignors to The Philip Carey Manufacturing Company. Plastic composition. 2,354,593; July 25.
Greif Bros. Cooperage Corporation, The. (See Forgey, Joseph A., assignor.)
Greifenhain, Fritz, New York, N. Y. Cap cleaning and stretching block. 2,342,047; Feb. 15.
Grein, Sylvester F., and P. G. Magrini, Belle Vernon, assignors to American Window Glass Company, Pittsburgh, Pa. Glass handling machine. 2,340,807; Feb. 1.
Greiner, Anton F., Detroit, Mich. Universal joint. 2,358,505; Sept. 19.
Greiner, Carl F., assignor to The Buffalo-Springfield Roller Co., Springfield, Ohio. Road roller. 2,359,519; Oct. 3.
Greneker, Lillian L., New York, N. Y. Destructible form. 2,343,292; Mar. 7.
Greneker, Lillian L., New York, N. Y. Destructible form. 2,364,710; Dec. 12.
Grenfell, William P., West Palm Beach, Fla. Work assembling, holding and binding saddle. 2,360,417; Oct. 17.
Grenot, Leo D. (See Talley, S. K., and Grenot.)
Grenot, Leo D., Oakland, assignor to Shell Development Company, San Francisco, Calif. Bearing construction. 2,357,106; Aug. 29.
Grenquist, Ernst A. (See Andersen, Grenquist, and Bail.)
Gresham, William F. (See Loder, D. J., Gresham, and Killian.)
Gresham, William F. (See Sussman, S., and Gresham.)
Gresham, William F., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Glycol formals. 2,350,350; June 6.
Gresham, William F., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of organic esters. 2,364,438; Dec. 5.
Grether, Ernest F. (See Du Vall, R. B., and Grether.)
Gretsinger, John R., A. J. Battey, and H. Rabezzana, Flint, assignors to General Motors Corporation, Detroit, Mich. Spark plug electrode. 2,350,396; June 6.
Greubel, Paul W. (See Wolfe, H. J., and Greubel.)
Greulich, Gerald G. (See Cushwa, C. B., Jr., and Greulich.)
Greulich, Gerald G., Mount Lebanon, Pa. Cold-working metallic bars. 2,347,904; May 2.
Greulich, Gerald G., Mount Lebanon, Pa., assignor to Carnegie-Illinois Steel Corporation. Portable deck. 2,352,892; July 4.
Greulich, Gerald G., Mount Lebanon, Pa., assignor to Carnegie-Illinois Steel Corporation. Portable deck. 2,353,398; July 11.

Greve, Louis W., assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Shock absorbing strut. 2,349,957; May 30.

Greve, William G., Detroit, assignor to The Gear Grinding Machine Company, Hamtramck, Mich. Method and apparatus for trimming form grinder wheels. 2,358,393; Sept. 19.

Greve, William G., Detroit, assignor to The Gear Grinding Machine Company, Hamtramck, Mich. Groove drilling machine. 2,362,264; Nov. 7.

Grey, Milton K., assignor to Hill-Shaw Company, Chicago, Ill. Beverage brewing apparatus. 2,354,008; July 18.

Grey, Ralph E. (See Aspelin, L. L., Phillips, and Grey.)

Grice, Letcher O., U. S. Army, Washington, D. C. Trunk locker. 2,347,192; Apr. 25.

Grice, Letcher O., U. S. Army, Washington, D. C. Belt. 2,349,264; May 23.

Grice, Letcher O., U. S. Army, Washington, D. C. Closure for cans. 2,365,695; Dec. 26.

Gridley, George O., Berlin, assignor to The New Britain Machine Company, New Britain, Conn. Reverse gear. 2,347,099; Apr. 18.

Grieb, Everett F. (See Kienle, R. H., Park, Benbrook, and Grieb.)

Grier, Herbert E., Newton Center, Mass. Flash-producing apparatus. 2,341,541; Feb. 15.

Gries, Otto, New Rochelle, N. Y., assignor to Gries Reproducer Corporation. Button shank. 2,346,747; Apr. 18.

Gries Reproducer Corporation. (See Gries, Otto, assignor.)

Griese, Frank C., Plainfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Remote control system. 2,364,068; Dec. 5.

Griesinger, William K. (See Higbee, H. B., and Griesinger.)

Griess, Gerald A. (See Coleman, G. H., and Griess.)

Griffes, Milton W., assignor to The Electric Controller & Manufacturing Company, Cleveland, Ohio. Mercury switch. 2,365,634; Dec. 19.

Griffeth, Robert L. (See Coffey, J. M., Pickney, and Griffeth.)

Griffin, Cecil M., Pittsburgh, Pa. Mounting for bearings. 2,355,723; Aug. 15.

Griffin, Dana A., Plainfield, N. J., assignor to Communication Measurements Laboratory, New York, N. Y. Electrical communication. 2,354,749; Aug. 1.

Griffin, Harry L., Rockville Centre, assignor to Nestle's Milk Products, Inc., New York, N. Y. Testing filled containers. 2,362,997; Nov. 21.

Griffin, Ira L., D. E. Truax, and N. H. Nuttall, Charlotte, N. C., assignors to Stein, Hall and Company, Inc., New York, N. Y. Film forming composition, method, and article. 2,343,898; Mar. 14.

Griffin, Percy M. (See Oakley, G. E., and Griffin.)

Griffin Wheel Company. (See Vial, Frederick K., assignor.)

Griffis, Lawrence W., Buffalo, assignor to Van Raalte Company, Inc., New York, N. Y. Stop means for textile machines. 2,362,956; Nov. 14.

Griffith, Charles R. (See Cheely, Beulan E., and Griffith.)

Griffith, Charles T., and G. H. Gebhardt, Philadelphia, Pa., and R. P. Helder, Pleasantville, N. J., assignors to Proctor and Schwartz, Incorporated, Philadelphia, Pa. Hosiery drier. 2,361,838; Oct. 31.

Griffith, Clement P., assignor to S. F. Bowser & Company, Incorporated, Fort Wayne, Ind. Repeating stop mechanism. 2,340,743; Feb. 1.

Griffith, Clement P., and W. A. Barr, assignors to S. F. Bowser & Company, Incorporated, Fort Wayne, Ind. Liquid dispensing apparatus. 2,351,503; June 13.

Griffith, Clifford J., Dimondale, Mich., assignor to Food Machinery Corporation, San Jose, Calif. Rack mechanism. 2,346,424; Apr. 11.

Griffith, Clifford J., Dimondale, Mich., assignor to Food Machinery Corporation, San Jose, Calif. Mast spray rig. 2,365,755; Dec. 26.

Griffith, James E., Denver, Colo. Combined land, air, and water vehicle. 2,350,608; June 6.

Griffith, John B. (See Hillcoat, A., and Griffith.)

Griffith, Lauren N. (See McCormick, G., Griffith, Carter, Williams, and McCormick, S. and T. T.)

Griffith, Lawrence O., Port Allegany, assignor to Pittsburgh-Corning Corporation, Allegheny County, Pa. Building block and making it. 2,347,556; Apr. 25.

Griffith, Le Roy A. (See Kutzler, R. J., and Griffith.)

Griffith, Llewellyn A., Buffalo, N. Y. Suction cleaner. 2,354,207; July 25.

Griffith, Raymond C. (See Harrington, F. T., and Griffith.)

Griffith, Raymond C. (See Harrington, F. T., Griffith, and Shartle.)

Griffith, Raymond C. (See Herman, K. R., and Griffith.)

Griffith, Raymond C. (See Vickers, H. F., and Griffith.)

Griffith, Richard. (See Price, D., and Griffith.)

Griffith, Thomas R., Ottawa, Ontario, Canada. Rubber conversion product and making same. 2,340,321; Feb. 1.

Griffith, Thomas R., Ottawa, Ontario, Canada. Coating composition. 2,340,322; Feb. 1.

Griffith, William H., Columbus, Ohio, and C. J. Colby, Corpus Christi, Tex., assignors to International-Stacey Corporation, Columbus, Ohio. Aircraft compass-correcting apparatus. 2,362,629; Nov. 14.

Griffiths, Charles D., Long Beach, Calif. Wheel and tire lock. 2,344,038; Mar. 14.

Griffiths, George T. (See Braun, K. F., and Griffiths.)

Griffiths, Ward D., et al. (See Gorman, John, assignor.)

Griffiths, William, Black Creek, Wis. Fertilizer spreader. 2,360,125; Oct. 10.

Griffiths, William, Black Creek, Wis. Spreading manure. 2,369,126; Oct. 10.

Grigg, Jesse M., Chicago, Ill. Gun. 2,339,331; Jan. 18.

Griggs, John L., Wichita Falls, Tex. Throttle control. 2,363,727; Nov. 28.

Grigsby, Gail G., Desloge, Mo. Flexible pipe coupling. 2,342,192; Feb. 22.

Grigsby, William M., Richmond, Va. Hoist grapple 2,364,897; Dec. 12.

Grill, W. L. (See Smith, William G., assignor.)

Grim, Forrest D., Allentown, Pa., assignor to Trojan Powder Company. Luting machine. 2,345,534; Mar. 28.

Grim, John M. (See Thurston, Jack T., and Grim.)

Grim, John M., Stamford, and J. G. Niedercorn, Riverside, Conn., assignors to American Cyanamid Company, New York, N. Y. Treatment of chrome-tanned leather. 2,353,556; July 11.

Grime, Edward P., Huntington Park, Calif., assignor to Malabar Machine Company. Variable height jack. 2,341,542; Feb. 15.

Grimes, Charles P., Syracuse, N. Y., assignor of one-half to W. H. Bretzlaff, Detroit, Mich. Heat transfer and disseminating apparatus. 2,348,127; May 2.

Grimes, David, Meadowbrook, assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Volume control for radio-phonographs. 2,350,277; May 30.

Grimes, David W., New York, N. Y., assignor to R. B. Fant. Metalworking machine. 2,364,631; Dec. 12.

Grimes, Oscar D., Sr., Athens, Ga. Cord stretch eliminator. 2,365,069; Dec. 12.

Grimes, Warren G., Urbana, Ohio. Electrical motor brake. 2,340,052; Jan. 25.

Grimes, Warren G., Urbana, Ohio. Indicator light. 2,340,053; Jan. 25.

Grimes, Warren G., Urbana, Ohio. Light dimmer. 2,361,765; Oct. 31.

Grimm, De Witt M. (See Avery, H. T., Grimm, and Schwend.)

Grimm, William C., and R. H. Linneman, assignors to Cinnamon Bun Machine Co., Inc., Jersey City, N. J. Bun making machine. 2,354,681; Aug. 1.

Grimsley, Bewley W., Louisville, Ky. Variable stroke pump. 2,350,678; June 6.

Grindle, Aubrey J., Chicago, Ill. Pulverizer. 2,359,911; Oct. 10.

Grindrod, George, Oconomowoc, Wis., assignor to Grindrod Process Corporation, Dover, Del. Regenerating curing brine. 2,341,769; Feb. 15.

Grindrod Process Corporation. (See Grindrod, George, assignor.)

Grinnell Corporation. (See Loepsinger, Albert J., assignor.)

Grinnell, Harold D., assignor to The G. C. A. Manufacturing Co., Pittsfield, Mass. Universal screw type lamp replacer. 2,357,104; Aug. 29.

Grinnell, Harold D., assignor to The G. C. A. Manufacturing Co., Pittsfield, Mass. Pull type lamp replacer. 2,357,105; Aug. 29.

Grip Nut Company. (See Kass, Lawrence W., assignor.)

Gripp, Walter W., Newark, N. J., assignor of twenty-five per cent to H. L. Waxman, Long Branch, and twenty-five per cent to F. Daunis, New York, N. Y. Hair drier. 2,340,185; Jan. 25.

Griscom, Samuel B., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Generator grounding system. 2,342,800; Feb. 29.

Grisé, Alfred L., Springfield, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Hose mounting for fluid dispensing apparatus. 2,340,217; Jan. 25.

Grisé, Alfred L., Springfield, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Liquid dispensing apparatus. 2,340,218; Jan. 25.

Grisé, Alfred L., Springfield, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Hose handling apparatus. 2,358,635; Sept. 19.

Grisé, Alfred L., Springfield, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Liquid dispensing apparatus. 2,361,684; Oct. 31.

Grisé, Alfred L., assignor to Gilbert & Barker Manufacturing Company, Springfield, Mass. Hose nozzle. 2,361,685; Oct. 31.

Grisé, Alfred L., Springfield, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Liquid dispensing apparatus. 2,364,138; Dec. 5.

Grissinger, George G., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,340,957; Feb. 6.

Grissinger, George G., Wilkinsburg, and T. Lindstrom, Edgewood, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,356,050; Aug. 15.

Griswold, Donald G., assignor to Clayton Manufacturing Company, Alhambra, Calif. Adjustable injector. 2,352,094; June 20.

Griswold, Donald G., assignor to Clayton Manufacturing Company, Alhambra, Calif. Valve. 2,352,628; July 4.

Griswold, Donald G., assignor to Clayton Manufacturing Company, Alhambra, Calif. Fluid distribution and control apparatus. 2,352,629; July 4.

Griswold, Donald G., assignor to Clayton Manufacturing Company, Alhambra, Calif. Liquid level control apparatus. 2,352,630; July 4.

Griswold, Donald G., assignor to Clayton Manufacturing Company, Alhambra, Calif. Fluid distribution system. 2,360,321; Oct. 17.

Griswold, Donald G., assignor to Clayton Manufacturing Company, Alhambra, Calif. Pressure responsive valve. 2,366,144, Dec. 26.

Griswold, Howard L., Santa Cruz, Calif., assignor to Coast Reduction, Inc. Apparatus for generating gases. 2,338,506; Jan. 4.

Griswold, Nelson D., and W. J. Ziler, assignors to The Dow Chemical Company, Midland, Mich. Water feeding device for cement mixers. 2,339,923; Jan. 25.

Griswold, Nelson D., Freeport, Tex., assignor to The Dow Chemical Company, Midland, Mich. Mixing apparatus. 2,354,634; July 25.

Griswold, Owen H., Trenton, N. J., assignor to Kaiser Cargo, Inc., Bristol, Pa. Locking device. 2,359,554; Oct. 3.

Griswold, Owen H., Trenton, N. J., assignor to Kaiser Cargo, Inc., Bristol, Pa. Locking device. 2,363,667; Nov. 28.

Griswold, Robert S., Merchantville, N. J., assignor to Radio Corporation of America. Cassette. 2,360,871; Oct. 24.

Griswold, Roger W., II, Old Lyme, Conn. Airfoil. 2,348,252; May 9.

Griswold, Roger W., II, Old Lyme, Conn. Airfoil. 2,348,253; May 9.

Griswold, Stanley M., Newton, assignor to B. B. Chemical Co., Boston, Mass. Reinforcing material. 2,341,713; Feb. 15.

Griswold, Walter R., Detroit, and F. R. McFarland, Huntington Woods, assignors to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,339,473; Jan. 18.

Griswold, Walter R., assignor to Packard Motor Car Company, Detroit, Mich. Air conditioned vehicle. 2,344,864; Mar. 21.

Gritsmaker, Rineholdt C., and R. C. Reed, Waynesville, Mo. Mop holder. 2,362,370; Nov. 7.

Grivetto, Michele, Turin, Italy; vested in the Alien Property Custodian. Saddle support for cycles. 2,351,957; June 20.

Groak, Josef, Hendon, England. Transfer copying materials. 2,348,128; May 2.

Grob, Benjamin and T., Grafton, Wis. Work feed. 2,364,969; Dec. 12.

Grob, Theodore. (See Grob, Benjamin and T.)

Grobe, Hubert, Wuppertal-Barmen, Germany; vested in the Alien Property Custodian. Pneumatic tool assembly. 2,349,958; May 30.

Grobe, Julius J., Oak Park, assignor to General Electric X-Ray Corporation, Chicago, Ill. Casette. 2,340,378; Feb. 1.

Grobel, Lloyd P., Schenectady, N. Y., assignor to General Electric Company. Liquid seal. 2,350,753; June 6.

Grocoff, William, San Francisco, Calif. Pipe cleaner. 2,360,560; Oct. 17.

Grocott, Alfred J., Blackley, England. Portable hand-operated pump. 2,347,100; Apr. 18.

Groen, Donald J., Surbiton, England. Otter board. 2,363,668; Nov. 28.

Groene, Willard L., assignor to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Lathe headstock transmission. 2,347,259; Apr. 25.

Groene, William F., assignor to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Crankshaft chuck. 2,354,258; July 25.

Groene, William F., assignor to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Tool feeding mechanism. 2,356,997; Aug. 29.

Groene, William F., and H. J. Siekmann, assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Spindle control mechanism. 2,348,973; May 16.

Groene, William F., and Harold J. Siekmann, assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Crankshaft chuck. 2,354,009; July 18.

Groene, William F., and H. J. Siekmann, assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Spindle control mechanism. 2,354,010; July 18.

Groene, William F., and H. C. Kemper, assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Taper turning apparatus. 2,354,372; July 25.

Groeniger, William C., Columbus, Ohio, assignor to John B. Pierce Foundation, New York, N. Y. Building construction. 2,339,778; Jan. 25.

Groeniger, William C., Columbus, Ohio, assignor to John B. Pierce Foundation, New York, N. Y. Plumbing system. 2,340,323; Feb. 1.

Groghan, Esta C., assignor to Rolland Glass Company, Clarksburg, W. Va. Automatic control means for maintaining constant liquid levels. 2,343,549; Mar. 7.

Groll, Alvin F., and M. R. Hatch, Toledo, Ohio, assignors to E. W. Bliss Company, Brooklyn, N. Y. Strip feeding mechanism. 2,343,899; Mar. 14.

Groll, Alvin F., Cleveland, Ohio, assignor to E. W. Bliss Company, Brooklyn, N. Y. Measuring device. 2,344,508; Mar. 21.

Groner, Nathan. (See Schachar, Davis, assignor.)

Gronberg, Victor A. (See Jones, J. R., Hultberg, and Gronberg.)

Grondahl, Lars O., Pittsburgh, and P. N. Bossart, Cheswick, assignors to The Union Switch & Signal Company, Swissvale, Pa. Control apparatus. 2,346,748; Apr. 18.

Grondahl, Lars O., Pittsburgh, and P. N. Bossart, Cheswick, assignors to The Union Switch & Signal Company, Swissvale, Pa. Control apparatus. 2,346,749; Apr. 18.

Gronenberg, John E., Chicago, Ill. Carpet construction. 2,354,256; July 25.

Groombridge, Walter H., and J. Downing, Spondon, near Derby, England. Production of cellulose esters. 2,362,900; Nov. 14.

Groombridge, Walter H., and R. Page, Spondon, near Derby, England, assignors to Celanese Corporation of America. Production of oxygen-containing organic compounds. 2,365,264; Dec. 19.

Grooms, Albert O., assignor to General Motors Corporation, Dayton, Ohio. Induction motor control. 2,342,658; Feb. 29.

Grooms, Albert O., assignor to General Motors Corporation, Dayton, Ohio. Electrical control means. 2,346,836; Apr. 18.

Grooms, Albert O., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,346,837; Apr. 18.

Grooms, Albert O., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,351,038; June 13.

Groov-Pin Corporation. (See Richards, Cecil C., assignor.)

Gropius, Walter. (See Wachsmann, K. L., and Gropius.)

Gropp, Elnar. (See Burk, R. E., and Kropp.)

Gröschel, Richard. (See Anschütz, R., and Gröschel.)

Groskopf, Edwin O., Rutherford, N. J., assignor to The Patent and Licensing Corporation, New York, N. Y. Composition of matter for crack sealers or the like. 2,353,723; July 18.

Gross, A. Edward. (See Wheeler, Henry F., assignor.)

Gross, Alfred G. (See Sellers, W. D., and Gross.)

Gross, Arthur R., St. Paul, assignor of thirty-five per cent to C. S. Hagan, Duluth, thirty-five per cent to J. P. Snyder, and thirty per cent to I. E. Meagher, Minneapolis, Minn. Automatic tow bar for automotive vehicles. 2,338,934; Jan. 11.

Gross, Charles V., Penfield, Pa., assignor to The S. S. White Dental Manufacturing Company. Dental impression compound. 2,345,255; Mar. 28.

Gross, Fritz A., Watertown, assignor to Raytheon Manufacturing Company, Newton, Mass. Vibration fatigue testing machine. 2,361,396; Oct. 31.

Gross, Henry R., Chicago, Ill. Automatic latching and locking device. 2,348,292; May 9.

Gross, Howard H. (See Cole, E. L., and Gross.)

Gross, John N., San Diego, Calif. Patient handling means for bathtubs. 2,361,474; Oct. 31.

Gross, Joseph, assignor of one-third to I. Corr, and one-third to P. L. Donahoe, Scranton, Pa. Animated book. 2,339,634; Jan. 18.

Gross, Malcolm E., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Adhering rubber to metal and product thereof. 2,354,011; July 18.

Gross, Norman C. (See Mahlke, Bruno, assignor.)

Gross, Peter F., Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Insoluble azo dyes. 2,365,265; Dec. 19.

Gross, Peter F., Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of phthalocyanine pigments. 2,365,464; Dec. 19.

Gross, William A. (See Shaw, E. C., and Gross.)

Grosse, Aristid V., and J. C. Morrell, assignors to Universal Oil Products Company, Chicago, Ill. Catalytic conversion of hydrocarbons. 2,343,851; Mar. 7.

Grosse, Aristid V., and J. C. Morrell, assignors to Universal Oil Products Company, Chicago, Ill. Catalytic conversion of hydrocarbons. 2,343,852; Mar. 7.

Grosser, Christian E., Cambridge, Mass., and H. A. Bondeson, Providence, assignors to Standard Machinery Company, Cranston, R. I. Rolling mill. 2,363,585; Nov. 28.

Grossett, William W., Munhall, Pa., assignor to Carnegie-Illinois Steel Corporation. Stripper tong. 2,345,391; Mar. 28.

Grossman, Darwin B., Lock Haven, Pa., assignor to Roxalin Flexible Finishes, Inc. Aircraft part and covering therefor. 2,356,927; Aug. 29.

Grossman, Franklin A., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,344,245; Mar. 14.

Grossman, Frederick M., New York, N. Y. Electrically and acoustically excited hearing aid. 2,363,175; Nov. 21.

Grossman, Leonard, Newark, and A. F. Bahlke, Scotch Plains, assignors to Utility Electric Corp., East Newark, N. J. Electric switch. 2,343,008; Feb. 29.

Grossman, Samuel L., Los Angeles, Calif. Bed divan. 2,345,392; Mar. 28.

Grossman, William, Reading, Pa., assignor of one-half to Fein & Glass, Inc. Shoe. 2,346,960; Apr. 18.

Grossmann, Paul, Binningen, assignor to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Dyeing and printing cellulose esters and ethers with amino-anthraquinone dyes. 2,342,191; Feb. 22.

Grossmith, George W. (See Shields, H. F. H., and Grossmith.)

Grossnickle, Kiefer E. (See Schmidt, J. N., and Grossnickle.)

Grotelite Company, The, (See Wacker, George W., assignor.)

Groth, Alfred, and H. J. Hanauer, Milwaukee, Wis. Apparatus for firing powder. 2,338,762; Jan. 11.

Grothe, John D., Weston, Conn., assignor to The Dorr Company, New York, N. Y. Treating lateritic ores. 2,363,315; Nov. 21.

Grothey, Ivan W., assignor to Scott & Williams, Incorporated, Laconia, N. H. Yarn holding means. 2,354,101; Dec. 26.

Grothes, Carl C., Park Ridge, Ill. Metalworking machine. 2,352,095; June 20.

Grout, Martin B. (See Flick, A. A., Jr., and Grout.)

Grout, Martin B., Chicago, assignor to Jefferson Electric Company, Bellwood, Ill. Switch. 2,349,655; May 23.

Grout, Roy A. (See Dadant, H. C., and Grout.)

Grove, Donald E., West Los Angeles, assignor of one-sixth to V. C. Hickson, Los Angeles, Calif. Container and making same. 2,343,550; Mar. 7.

Grove, Marvin H., Piedmont, and D. H. Annin, Oakland, Calif.; said Annin assignor, by mesne assignments, to Fluid Control Engineering Co. Loading regulator. 2,342,659; Feb. 29.

Grove, Marvin H., assignor to Fluid Control Engineering Co., Piedmont, Calif. Fluid flow control device 2,360,873; Oct. 24.

Grover, Atwood H. (See Jackson R. G., and Grover.)

Grover, Atwood H. (See Young, H. B., Anderson, and Grover.)

Grover, Atwood H., Rockaway, N. J. Press. 2,354,291; July 25.

Grover, Atwood H., Rockaway, N. Y. Means for positioning objects. 2,355,643; Aug. 15.

Grover, Frederic S., assignor to The Folmer Graflex Corporation, Rochester, N. Y. Every-ready carrier-contained photographic-equipment package. 2,348,620; May 9.

Grover, Garrison P., Minneapolis, Minn. Photographic printing machine. 2,344,405; Mar. 14.

Grover, Victor T. (See Gordon, J. H., Jr., and Grover.)

Groves, George W., Dallas, Tex. Fishing device. 2,340,588; Feb. 1.

Groves, Martin V., New York, assignor of one-half to A. Wilde and A. Hull-Ryde, Bayside, N. Y. Compound hydraulic brake compressor. 2,343,900; Mar. 14.

Groves, Martin V., Brooklyn, assignor of one-half to A. Wilde and A. Hull-Ryde, Bayside, N. Y. Compound hydraulic compressor. 2,343,901; Mar. 14.

Groves, Martin V., Brooklyn, assignor of one-half to A. Wilde and A. Hull-Ryde, Bayside, N. Y. Hydraulic actuating mechanism. 2,344,299; Mar. 14.

Groves, Warren W., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Pump. 2,348,679; May 9.

Growl, Paul E., Muncie, Ind. Parallel appliance. 2,364,784; Dec. 12.

Grow, Henry K., San Diego, Calif., assignor, by mesne assignments, to Consolidated Vultee Aircraft Corporation. Detachable gun mount. 2,348,470; May 9.

Grow, Henry K., San Diego, Calif., assignor to Consolidated Vultee Aircraft Corporation. Aircraft gun installation. 2,354,114; July 18.

Grubb, John C., Barberton, Ohio, assignor to The Babcock & Wilcox Company, Newark, N. J. Making laminated pressure vessels. 2,365,696; Dec. 26.

Grubb, John C., Barberton, Ohio, assignor to The Babcock & Wilcox Company, Newark, N. J. Welded product. 2,365,697; Dec. 26.

Grubbs, William J., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Resilient bushing for outboard motor mountings. 2,354,445; July 25.

Grube, Jobin H., Pasadena, Calif. Internal-combustion engine valve. 2,364,040; Nov. 28.

Grubelic, Nicholas, Great Neck, N. Y. Machine for measuring and proportioning paints. 2,354,259; July 25.

Gruber, Max F., Stamford, Conn., assignor to Inredeco, Inc., Panama City, Panama. Method of and apparatus for spray-drying liquids which have nonliquid ingredients. 2,353,459; July 11.

Grubich, Stephen, Milwaukee, Wis. Material digging and handling apparatus. 2,344,246; Mar. 14.

Gruenberg, Raoul J., San Francisco, and E. L. Stern, Pasadena, Calif. Folding box. 2,345,810; Apr. 4.

Gruender, Oscar C., assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Bowl liner for gyratory crushers and means for securing it. 2,341,543; Feb. 15.

Gruender, Oscar C., assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Mantle for gyratory crushers and securing it. 2,341,544; Feb. 15.

Gruender, Oscar C., assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Pedestal type crusher. 2,359,987; Oct. 10.

Gruenewald, Wilhelm O., San Francisco, Calif. Milking machine. 2,341,142; Feb. 8.

Gruenhagen, Henry, et al. (See Fanger, Herman J., assignor.)

Gruenhagen, Henry. (See Fanger, H. J., and Gruenhagen.)

Gruenhagen, Henry. (See Shaffer, C. F., Fanger, and Gruenhagen.)

Gruening, William E., and H. C. Brinkman, assignors to The Stacey Brothers Gas Construction Company, Cincinnati, Ohio. Fabrication and erection of gas holders. 2,360,222; Oct. 10.

Gruenke, Aloys P., St. Paul, Minn., and B. E. Stair, Sioux Falls, S. Dak. Waffle iron. 2,352,706; July 4.

Gruenwald, Louis A., New York, N. Y. Synthetic resin. 2,338,429; Jan. 4.

Gruetjen, Frederick A., assignor to A. O. Smith Corporation, Milwaukee, Wis. Extrusion nozzle wire guide. 2,340,808; Feb. 1.

Gruetjen, Frederick A., assignor to A. O. Smith Corporation, Milwaukee, Wis. Oil well pumping unit. 2,348,004; May 2.

Gruetter, William P., Chattanooga, Tenn. Medicine dropper. 2,358,159; Sept. 12.

Grumbaugh, Lee, Long Beach, assignor to Vernon Tool Co. Ltd., Los Angeles, Calif. Pneumatic counterbalance for well pumps. 2,341,864; Feb. 15.

Grumbles, Irvin, San Saba, Tex. Windmill power transmission. 2,364,139; Dec. 5.

Grumke, Earl W. (See Kirby, J. N., and Grumke.)

Grün, Adolf, assignor to the firm J. R. Geigy A. G., Basel, Switzerland. Glycerol-ethers and their manufacture. 2,343,053; Feb. 29.

Grün, Adolf, and W. Stoll, assignors to J. R. Geigy A. G., Basel, Switzerland. Manufacture of aryloxy-alkylamino butanones. 2,344,814; Mar. 21.

Grün, Adolf, assignor to the firm J. R. Geigy A. G., Basel, Switzerland. Dihydroxy-acetone-diether and its manufacture. 2,349,348; May 23.

Grün, Adolf, assignor to the firm J. R. Geigy A.-G., Basel, Switzerland. Phosphoric acid esters of glycerol ethers and their manufacture. 2,361,286; Oct. 24.

Grün, Adolf, assignor to the Swiss firm of J. R. Geigy A. G., Basel, Switzerland. P-oxaalkylmethyl-benzodioxane and their manufacture. 2,366,102; Dec. 26.

Grunberg, Wsevolode, Montreal, Quebec, Canada. Apparatus for instructing and training student operators. 2,350,351; June 6.

Grundel, František, Napajedla, Bohemia and Moravia; vested in the Alien Property Custodian. Molding plastic layers. 2,345,112; Mar. 28.

Grundmann, Christoph, Dessau, Germany; vested in the Alien Property Custodian. Producing higher polyenals. 2,345,111; Mar. 28.

Grundmann, Gustave L., Westmont, N. J., assignor to Radio Corporation of America. Motor speed control. 2,351,759; June 20.

Grundon, John P., and J. H. Rogers, Fort Dodge, Iowa. Hay buck and stacker. 2,342,934; Feb. 29.

Grünebaum, Johanna E. (See Simon, Johanna E., née Grünebaum.)

Grunewald, Walter R., East Troy, Wis. Drill press. 2,340,054; Jan. 25.

Gruntorad, Anton J., Cicero, Ill. Adjustable work-holding device. 2,353,891; July 18.

Grunwald, Albert C., River Forest, assignor to Precision Metal Workers, Chicago, Ill. Cushion seat. 2,361,370; Oct. 31.

Grunwald, Raymond, Chicago, Ill. Polishing machine. 2,363,728; Nov. 28.

Gruper, Frank J., Jr. (See Tessendorf, C., and Gruper.)

Gruss, Francis K., Belvedere, Calif. Apparatus for compressing gases. 2,361,939; Nov. 7.

Grüssner, André, Basel, Switzerland, assignor to Hoffmann-La Roche, Inc., Nutley, N. J. Manufacture of dextro-pantothenic acid. 2,341,610; Feb. 15.

Gruver, John H., East Cleveland, Ohio., assignor to Addressograph-Multigraph Corporation, Wilmington, Del. Printing machine. 2,359,855; Oct. 10.

Gruwell, Robert O., Jr., Los Angeles, Calif. Can packing machine. 2,340,744; Feb. 1.

Grzelak, Peter, Buyck, Minn. Timber mower. 2,341,035; Feb. 8.

Guanella, Gustav, Zurich, assignor to "Patelhold" Patentverwertungs- & Elektro-Holding A.-G., Glarus, Switzerland. Method and apparatus for scrambling signals. 2,364,210; Dec. 5.

Guaranty Container Corporation. (See Locke, Charles L., assignor.)

Guardian Electric Manufacturing Co. (See Baker, Edward G., assignor.)

Guardian Electric Manufacturing Co. (See Nelsen, Marvin G., assignor.)

Guardian Electric Manufacturing Co. (See Obszarny, Thedore, assignor.)

Guardian Merchandising Corporation. (See Monnet, Georges, assignor.)

Guardite Corporation, The. (See Baer, John M., assignor.)

Guardite Corporation, The. (See Cessna, Oren C., assignor.)

Guardite Corporation, The. (See Pilkey, Orrin H., assignor.)

Guardite Corporation, The. (See Warner, Benjamin R., assignor.)

Guareschi, Pietro, Genoa, Italy; vested in the Alien Property Custodian. Producing manganese in metal state and pure manganese dioxide, if desired, from manganese ores. 2,356,515; Aug. 22.

Guarnaschelli, Stephen, Mount Vernon, assignor to Packless Metal Products Corporation, New Rochelle, N. Y. Flexible cable support. 2,352,318; June 27.

Guarnaschelli, Stephen, Mount Vernon, N. Y., assignor to Packless Metal Products Corporation, New Rochelle, N. Y. Flexible tube coupling. 2,363,586; Nov. 28.

Guarnieri, Edward, Trenton, N. J. Knee action fishing tackle. 2,352,631; July 4.

Gubisch, Erwin A., assignor to Teletype Corporation, Chicago, Ill. Printing telegraph apparatus. 2,348,214; May 9.

Gubisch, Erwin A., assignor to Teletype Corporation, Chicago, Ill. Unit guiding and latching device. 2,354,115; July 18.

Gudebrod, Charles B., Philadelphia, Pa. Identification tag cord. 2,359,988; Oct. 10.

Guderian, George H., North Tonawanda, assignor to Columbus McKinnon Chain Corporation, Tonawanda, N. Y. Anchor for flexible cables and securing the same thereto. 2,357,733; Sept. 5.

Gudger, Morris S., assignor to R. Hoe & Co., Inc., New York, N. Y. Printing machine. 2,356,315; Aug. 22.

Gudie, Ray W., Los Angeles, Calif. Radio-operated automatic pilot. 2,361,686; Oct. 31.

Gudmundsen, Austin, assignor to Gudmundsen Stratton Laboratories, Inc., Milwaukee, Wis. Rivet. 2,342,732; Feb. 29.

Gudmundsen Stratton Laboratories, Inc. (See Gudmundsen, Austin, assignor.)

Guedon, Emile C., Audubon, N. J., assignor to Radio Corporation of America. Phonographic apparatus. 2,346,071; Apr. 4.

Guelker, Harold W., assignor to McQuay-Norris Manufacturing Company, St. Louis, Mo. Piston ring. 2,357,467; Sept. 5.

Guell, Charles H. (See Aex, P. S., and Guell.)

Güell, Colonia, S. A. (See Balmes Solanas, Ramón, assignor.)

Guellich, Gustav E. (See Gradisar, A. A., and Guellich.)

Guelson, Stanley S., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Pilot burner. 2,355,216; Aug. 8.

Guenther, George A., Buffalo, assignor to L. H. Ballou, Lockport, N. Y. Control mechanism for gas burners. 2,338,844; Jan. 11.

Guenther, George A., Buffalo, assignor to L. H. Ballou, Lockport, N. Y. Silencer for gas heaters. 2,357,325; Sept. 5.

Guenther, George A., Buffalo, assignor to Leon H. Ballou, Lockport, N. Y. Thermoelectric switch mechanism. 2,361,397; Oct. 31.

Guenther, Henry L., Los Angeles, Calif. Variable speed can feed. 2,345,670; Apr. 4.

Guenther, Paul A., Houston, Tex. Multiple tool holder. 2,344,509; Mar. 21.

Guenzel, Ernest G., and M. S. Kiss, Cleveland, Ohio. Variable time current interrupter for control of furnaces. 2,363,413; Nov. 21.

Guerci, Giovanni, Turin, Italy; vested in the Alien Property Custodian. Manufacturing fibrocement pipe. 2,342,801; Feb. 29.

Guerci, Giovanni, Turin, Italy; vested in the Alien Property Custodian. Corrugated fibrocement slab. 2,348,433; May 9.

Guerin, Ernest P., Lawrence, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Bobbin transfer mechanism. 2,360,490; Oct. 17.

Guerrero, Ambrosio, Los Angeles, Calif. Plant thinning machine. 2,347,232; Apr. 25.

Guerrero, Diego, Brooklyn, N. Y. Railroad safety device. 2,364,785; Dec. 12.

Guest, Howard L. (See Salle, A. J., and Guest.)

Guest, James J., Bromley Common, England. Balancing machine. 2,365,070; Dec. 12.

Gueterbock, Paul G. J., Abbots Leigh, near Bristol, and A. E. Baxter, assignors to Capper Pass & Son Limited, Bristol, England. Refining lead. 2,352,625; July 4.

Guetzkow, Edward, assignor to Kearney & Trecker Corporation, West Allis, Wis. Cutting tool. 2,349,959; May 30.

Guggemos, Herbert, and A. Treibs, Munich, Germany; vested in the Alien Property Custodian. Producing butadiene. 2,345,113; Mar. 28.

Guiberson Corporation, The. (See Pranger, A., and Guiberson, assignor.)

Guiberson Corporation, The. (See Taylor, Raymond G., Jr., assignor.)

Guiberson Corporation, The. (See Taylor, R. G., Jr., and Wilde, assignors.)

Guiberson, Samuel A. (See Pranger, A., and Guiberson.)

Guibert, Francis W., Beverly Hills, Calif. Spraying apparatus. 2,341,036; Feb. 8.

Guichard, Raymond A. E., Paris, France; vested in the Alien Property Custodian. Device for filing documents. 2,350,754; June 6.

Guided Radio Corporation. (See Cook, W. H., and Dalrymple, assignors.)

Guignard, Ulyss O., and W. E. Schober, assignors to Pioneer Engineering Works, Inc., Minneapolis, Minn. Loader. 2,348,899; May 16.

Guignon, Emile S., Jr. (See Sheldon, Ralph O., assignor.)

Guilar, Robert P., Milwaukee, Wis. Electric propulsion mechanism. 2,348,808; May 16.

Guilfoil, Oscar D., Jr., Syracuse, N. Y. Candle for candle lamps. 2,340,527; Feb. 1.

Guillermo Kraft Limitada Sociedad Anonima de Impresiones Generales. (See Kraft, Guillermo E. C., assignor.)

Guillet, Albert M., Charlotte, N. C. Roll stand bearing gauge. 2,352,535; June 27.

Guillet, Albert M., Charlotte, N. C. Spindle rail gauge. 2,352,536; June 27.

Guillet, Albert M., Charlotte, N. C. Level for roving frames. 2,352,537; June 27.

Guillet, Albert M., Charlotte, N. C. Roll rack for roving frames. 2,355,797; Aug. 15.

Gulliow, Paul K., Wakefield, Mass. Model airplane glider. 2,351,504; June 13.

Guimond, Joseph A., Montreal, Quebec, assignor to M. F. G. Y. Giguere (nee Guimond) Noranda, Quebec, Canada. Magazine razor blade holder. 2,352,538; June 27.

Guimond, Joseph A., Montreal, assignor to M. F. G. Y. Giguere (nee Guimond), Noranda, Quebec, Canada. Razor blade. 2,364,525; Dec. 5.

Guinot, Henri M., Niort, France; vested in the Alien Property Custodian. Esterification of olefins. 2,345,114; Mar. 28.

Guldbrandsen, Guldbrand, St. Johnsbury, Vt. Door knocker. 2,348,129; May 2.

Gulesian, Ephraim C., Boston, Mass. Tire chain. 2,346,298; Apr. 11.

Gulf Oil Corporation. (See Cooke, Horace B., assignor.)

Gulf Oil Corporation. (See Hale, Arlan B., assignor.)

Gulf Oil Corporation. (See Smith, Herschel G., assignor.)

Gulf Oil Corporation. (See McAfee, A. M., and Dunlay, assignors.)

Gulf Oil Corporation. (See Ostergaard, Povl, assignor.)

Gulf Oil Corporation. (See Smith, H. G., and Cantrell, assignors.)

Gulf Oil Corporation. (See Smith, H. G., Cantrell, and Peters, assignors.)

Gulf Publishing Company, et al. (See Wauson, H. C., and Bennett, assignors.)

Gulf Research & Development Company. (See Chenault, Roy L., assignor.)

Gulf Research & Development Company. (See McCarthy, P. R., and Ambrose, assignors.)

Gulf Research & Development Company. (See Muffly, Gary, assignor.)

Gulf Research & Development Company. (See Muskat, Morris, assignor.)

Gulf Research & Development Company. (See Ritzmann, Otto F., assignor.)

Gulf Research & Development Company. (See zur Horst, C. G., Wescott, and Vollmer, assignors.)

Gulick, Russell A., Lynnfield, Mass., assignor, by mesne assignments, to Stator Corporation. Making double walled vessels. 2,339,221; Jan. 11.

Gulliksen, Finn H., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Register control system. 2,349,656; May 23.

Gumb, Daniel E., Milwaukee, Wis. Toy rabbit. 2,361,196; Oct. 24.

Gumb, Daniel E., Milwaukee, Wis. Waddling duck. 2,365,071; Dec. 12.

Gumley, Robert H., Whitestone, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Relay. 2,361,542; Oct. 31.

Gumlich, Walter, Leverkusen-Schlebusch, and R. Ecker, Cologne-Rath Germany; vested in the Alien Property Custodian. Regenerating of vulcanized rubber. 2,337,427; Jan. 4.

Gump, B. F., Co. (See Naeher, P., and Williams, assignors.)

Gump, William S. (See Kunz, E. C., Luthy, and Gump.)

Gump, William S., Nutley, N. J., assignor to Burton T. Bush, Inc., New York, N. Y. Germicidal soap. 2,353,724; July 18.

Gump, William S., Montclair, N. J., assignor to Burton T. Bush, Inc., New York, N. Y. Dihydroxy halogenated diphenyl methanes and making same. 2,353,725; July 18.

Gump, William S., Montclair, N. J., assignor to Burton T. Bush, Inc., New York, N. Y. Dihydroxy halogenated diphenyl methanes and making same. 2,354,012; July 18.

Gump, William S., Montclair, N. J., assignor to Burton T. Bush, Inc., New York, N. Y. Dihydroxy halogenated diphenyl methanes and making same. 2,354,013; July 18.

Gündel, Wolfgang, Dessau, Germany, assignor, by mesne assignments, to The Hydronaphthene Corporation, Wilmington, Del. Polyamine-aldehyde condensation product and its production. 2,338,637; Jan. 4.

Gundelfinger, William E., and O. Lamb, assignors to Knapp-Monarch Company, St. Louis, Mo. Electric handsaw. 2,346,961; Apr. 18.

Gunderson, Lewis O., Park Ridge, Ill., and O. W. Carrick, San Clemente, Calif., assignors to Electro-Chemical Engineering Corporation, Chicago, Ill. Boiler water conditioner and blowoff system. 2,340,468; Feb. 1.

Gunderson, Norris E., assignor to Layne-Northern Company, Incorporated, Mishawaka, Ind. Method for preventing deposits within water formations and on well screens. 2,352,832; July 4.

Gunderson, Norris E., assignor to Layne-Northern Company, Incorporated, Mishawaka, Ind. Cleaning well screens. 2,365,872; Dec. 26.

Gunderson, Ralph R., Detroit, Mich. Tractor-trailer brake system. 2,349,167; May 16.

Gundlach, Theodore J., Belleville, Ill. Cloth-spreading machine. 2,355,526; Aug. 8.

Gunn Furniture Company. (See Graff, John B., assignor.)

Gunn, John W., Montrose, Calif. Termite controlling building construction. 2,347,776; May 2.

Gunn, Robert L. (See Leonard, Harry M., assignor.)

Gunn, Ross, Washington, D. C. Calculator. 2,342,660; Feb. 29.

Gunn, Townsend M., assignor to Metals & Controls Corporation, Attleboro, Mass. Thermostatic element. 2,346,573; Apr. 11.

Gunnell, Robert W., Hammond, Ind. Manufacture of capsules. 2,342,661; Feb. 29.

Gunner, George W., Snyder, and C. J. Turansky, Kenmore, N. Y., assignors to Curtiss-Wright Corporation. Hydraulic piston snubber. 2,338,845; Jan. 11.

Gunness, Robert C., assignor to Standard Oil Company, Chicago, Ill. Catalyst regeneration control. 2,344,770; Mar. 21.

Gunness, Robert C., assignor to Standard Oil Company, Chicago, Ill. Hydrocarbon synthesis. 2,347,682; May 2.

Gunst, Raymond. (See Gyr, J., and Gunst.)

Gunter, Addison Y. (See Farkas, G. B., and Gunter.)

Gunter, Addison Y., Larchmont, assignor to American Locomotive Company, New York, N. Y. Heat exchanger. 2,346,104; Apr. 4.

Gunther, Hermann, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Work holder for article-attaching machines. 2,341,441; Feb. 8.

Gunther, Hermann, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Article attaching machine. 2,356,665; Aug. 22.

Gunther, Hermann, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Work-holder for article attaching machines. 2,359,035; Sept. 26.

Gunther, Leo A. (See Salle, A. J., and Guest, assignors.)

Günther, Philipp. (See John, W., and Günther.)

Gunthorp, Cecil H. (See Beck, Bjorn O. and H. L., and Gunthorp.)

Gunn, Johanna, Chicago, Ill., assignor to Infilco Incorporated. Sewage treatment process and apparatus. 2,363,176; Nov. 21.

Gurn, John M. (See De Walt, C. E., assignor.)

Gurley, W. & L. E., et al. (See Larsen, H. R., and Sonderman, assignors.)

Gurley, W. & L. E. (See May, Richard W., assignor.)

Gurley, W. & L. E. (See Wilbur, D. A., assignor.)

Gurney, Harlan A., Encino, Calif. Glider torpedo 2,339,011; Jan. 11.

Gurney, William B., Baton Rouge, La., assignor to The Permutit Company, New York, N. Y. Method of and apparatus for treating liquid. 2,347,318; Apr. 25.

Gurney, Meyer, New York, N. Y. Couch bed. 2,361,475; Oct. 31.

Gurwick, Irving. (See Gilfillan, P. M., and Gurwick.)

Gusmow, William A., Birmingham, and T. E. Curtis, Homewood, Ala., assignors to Southern States Equipment Corporation. Electric switch. 2,354,991; Aug. 1.

Gustafson, Alfred N., assignor to Schramm, Inc., West Chester, Pa. Apparatus for inflating and deflating pontoons or the like. 2,364,211; Dec. 5.

Gustafson, August W., Corpus Christi, Tex. Crop dusting machine. 2,359,520; Oct. 3.

Gustafson, Gunnar D., Chicago, Ill. Hand and pinion remover. 2,349,497; May 23.

Gustafson, Henry, Astoria, Oreg. Arch hook. 2,358,705; Sept. 19.

Gustafson, Henry A., Dorchester, assignor to Gillette Safety Razor Company, Boston, Mass. Protected open-end blade. 2,352,785; July 4.

Gustafson, Lewis H. (See Dawson, C. E., and Gustafson.)

Gustavson, Alvin N., Jamestown, N. Y., assignor to Automatic Voting Machine Corporation. Voting machine. 2,346,299; Apr. 11.

Gustavson, Alvin N., assignor to Automatic Voting Machine Corporation, Jamestown, N. Y. Voting machine. 2,346,962; Apr. 18.

Gustavson, Alvin N., Bemus Point, assignor to Automatic Voting Machine Corporation, Jamestown, N. Y. Voting machine. 2,347,824; May 2.

Gustavson, Alvin N., assignor to Automatic Voting Machine Corporation, Jamestown, N. Y. Voting machine. 2,358,922; Sept. 26.

Gustavson, Alvin N., assignor to Automatic Voting Machine Corporation, Jamestown, N. Y. Voting machine. 2,362,266; Nov. 7.

Gustavson, Alvin N., assignor to Automatic Voting Machine Corporation, Jamestown, N. Y. Voting machine. 2,363,729; Nov. 28.

Gustin, Daniel S., Bloomfield, and N. H. Bryant, East Orange, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Starting circuit for fluorescent lamps. 2,355,968; Aug. 15.

Gustin, Reginald C., Toronto, Ontario, Canada. Reflector and mounting therefor. 2,361,287; Oct. 24.

Gustin, Robert, Boston, Mass. Garment hanger. 2,355,969; Aug. 15.

Guszmann, Francisco, Buenos Aires, Argentina. Collapsible egg carrier. 2,346,025; Apr. 4.

Gutensohn, Richard. (See Nüsslein, J., and Gutensohn.)

Guter, August, and A. Maier, Friedrichshafen, Bodensee, Germany; vested in the Alien Property Custodian. Claw coupling with synchronizing device. 2,338,428; Jan. 4.

Guthier, Ervin H., Santa Ana, Calif. Continuous type steam blancher. 2,355,798; Aug. 15.

Guthrie, Andrew J., St. Albans, W. Va. Instant field knife. 2,353,557; July 11.

Guthrie, Bernard M., assignor to Kingston Products Corporation, Kokomo, Ind. Air control device. 2,349,719; May 23.

Guthrie Ceramic Labelling & Machinery Co. (See Shurley, Frederick, assignor.)

Guthrie, Robert G., and O. J. Wilbor, assignors to Chicago By-Products Corporation, Chicago, Ill. Separating materials. 2,358,506; Sept. 19.

Guthrie, William S., Los Angeles, Calif. Gas burner assembly. 2,338,810; Jan. 11.

Gutierrez, Peter P., Watsonville, and J. H. Gartner, Kentfield, Calif.; said Gartner assignor to said Gutierrez. Direction signal. 2,342,935; Feb. 29.

Gutmann, Ferdinand, & Co. (See Rasmussen, Charles H., assignor.)

Gutsch, Ernest W., Viroqua, Wis. Hydraulic water pump. 2,339,990; Jan. 25.

Gutschmidt, Henry W., Jr. (See Walker, R. F., Gutschmidt, H. W., and Shope.)

Guttmann, Eric S., assignor to The Ingersoll Milling Machine Company, Rockford, Ill. Layout apparatus. 2,353,726; July 18.

Gutzmann, Fritz. (See Herzog, R., Wiessner, Hintze, and Gutzmann.)

Gutzwiller, Victor, et al. (See Coen, Joseph C., assignor.)

Guy, Ernest L., Pontiac, Mich. Device for use in sharpening screw drivers and the like. 2,346,300; Apr. 11.

Guy, Frederick M., assignor to Guy & Murton, Inc., Detroit, Mich. Resilient bushing. 2,346,574; Apr. 11.

Guy, Hubert G. (See Bousquet, E. W., and Guy.)

Guy, Hubert G., and A. H. Goodin, Newark, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Pest control. 2,347,260; Apr. 25.

Guy & Murton, Inc. (See Guy, Frederick M., assignor.)

Guyard, León J. B., Paris, France; vested in the Alien Property Custodian. Purifying bismuth. 2,342,733; Feb. 29.

Guyer, Jesse A., L. G. Molique, and C. J. Helmers, Bartlesville, Okla., assignors to Phillips Petroleum Company. Catalyst chamber. 2,361,623; Oct. 31.

Guyer, Jesse A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Catalytic process. 2,338,581; Jan. 4.

Guyer, Jesse A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Reactivation of contact catalysts. 2,346,750; Apr. 18.

Guyer, Reynolds, assignor to Waldorf Paper Products Company, St. Paul, Minn. Carton. 2,349,088; May 16.

Guyer, Reynolds, assignor to Waldorf Paper Products Company, St. Paul, Minn. Merchandise container. 2,350,163; May 30.

Guyer, Reynolds, assignor to Waldorf Paper Products Company, St. Paul, Minn. Package. 2,351,812; June 20.

Guyer, Reynolds, assignor to Waldorf Paper Products Company, St. Paul, Minn. Garment hanger. 2,352,477; June 27.

Guyer, Reynolds, assignor to Waldorf Paper Products Company, St. Paul, Minn. Carton. 2,358,923; Sept. 26.

Guyer, Reynolds, assignor to Waldorf Paper Products Company, St. Paul, Minn. Container. 2,358,924; Sept. 26.

Guyer, Reynolds, assignor to Waldorf Paper Products Company, St. Paul, Minn. Reclosing carton. 2,364,439; Dec. 5.

Guyral, Samuel S., assignor to General Outdoor Advertising Co., Chicago, Ill. Neon sign. 2,344,815; Mar. 21.

Gwaltney, June F., et al. (See Cotton, Loda L., assignor.)

Gwinn, Joseph M., Jr., and P. Koenig, San Diego, Calif. Pulley mount. 2,343,054; Feb. 29.

Gwirts, I. R., et al. (See Sabin, Oliver, assignor.)

Gwynn, Marion H., Mountain Lakes, N. J. Catalyst production. 2,364,970; Dec. 12.

Gygax, Ernest, St. Louis, assignor to Curtis Manufacturing Company, Weliston, Mo. Heat exchanger. 2,353,233; July 11.

Gygi, Hans, Wildegg, Switzerland. Plant for treating raw materials in the manufacture of cement and the like. 2,351,677; June 20.

Gypsum, Lime and Alabastine, Canada, Limited. (See Erdeley, Zoltan, assignor.)

Gypsum, Lime and Alabastine, Canada, Limited. (See Hoeren, Albert, assignor.)

Gyr, Joseph, and R. Gunst, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Trisazodyestuffs. 2,362,548; Nov. 14.

Gyro-Balance Corporation. (See Laboulais, Jean L., assignor.)

Gyro-Balance Corporation, The. (See Rouy, Auguste L. M. A., assignor.)

Gysin, Hans. (See Martin, H., Baumann, Zaeslin, and Gysin.)

Gysin, Hans, assignor to J. R. Geigy A. G., Basel, Switzerland. 6-(p-aminobenzene sulphonyl)-amino-2:4-dimethylpyrimidine and its manufacture. 2,351,333; June 13.

Gzemski, Felix C., assignor to The Atlantic Refining Company, Philadelphia, Pa. Addition agent for lubricating oil and making same. 2,353,558; July 11.

H & B American Machine Company. (See Roddy, Fred M., assignor.)

H. K. Metal Craft Manufacturing Co. (See Hopp, H. P., and Kunzelman, assignors.)

Haack, Erich, Radebeul, near Dresden, Germany; vested in the Alien Property Custodian. Condensation products from substances of the type of dihydroxy-diphenylmethane and making them. 2,340,528; Feb. 1.

Haack, Frank W., San Francisco, Calif. Migratory stabilizer for beehives. 2,358,160; Sept. 12.

Haag, Emil G. (See Cleveland, A. B., Haag, and Ray.)

Haag, Ivan L., Cleveland, and R. Pfanstiel, Lakewood, Ohio, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing calcium cuproxy chloride. 2,358,706; Sept. 19.

Haag, Johannes, Neunkirchen, Germany; vested in the Alien Property Custodian. Purification of pig iron. 2,347,557; Apr. 25.

Haagen-Smit, Arie J. (See English, J., Jr., Bonner, and Haagen-Smith.)

Haas, Clarence C. (See Kriegbaum, G. M., and Haas.)

Haas, Clarence C. (See Kriegbaum, G. M., Haas, and Mott, Jr.)

Haas, Clarence C., Richmond, Ind., assignor to International Harvester Company. Covering wheel. 2,341,770; Feb. 15.

Haas, Clarence C., Richmond, Ind., assignor to International Harvester Company. Marker construction. 2,362,693; Nov. 14.

Haas, Frederick S., Cincinnati, C. O. Graves, Norwood, and A. C. Janke, assignors to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Surface grinder. 2,360,671; Oct. 17.

Haas, Otto, Richmond Hill, assignor to Aircraft Screw Products Company, Inc., Long Island City, N. Y. Making helical coils. 2,358,707; Sept. 19.

Haas, Otto, Richmond Hill, assignor to Aircraft Screw Products Company, Inc., Long Island City, N. Y. Insert expanding tool. 2,360,054; Oct. 10.

Haas, Otto, Richmond Hill, assignor to Aircraft Screw Products Company, Inc., Long Island City, N. Y. Wire coil insert. 2,363,789; Nov. 28.

Haas, Otto, Richmond Hill, and J. R. Hawkins, Flushing, assignors to Aircraft Screw Products Company, Inc., Long Island City, N. Y. Securing wire inserts in tapped holes. 2,354,810; Aug. 1.

Haas, Otto R., North Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe sewing machine. 2,341,714; Feb. 15.

Haas, Otto R., North Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Thread cutter for sewing machines. 2,348,381; May 9.

Haas, Otto R., North Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Lockstitch sewing machine and bobbin therefor. 2,350,397; June 6.

Haas, Otto R., North Beverly, Mass., assignor to United Shoe Machinery Company, Flemington, N. J. Shoe sewing machine and driving and stopping mechanism therefor. 2,352,708; July 4.

Haas, Otto R., North Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe sewing machine. 2,355,724; Aug. 15.

Haas, Paul, Emporium, and R. G. Bennett, Williamsport, assignors to Sylvania Electric Products Inc., Emporium, Pa. Method and apparatus for manufacture of electron tubes and the like. 2,338,507; Jan. 4.

Haase, Carl O., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for annealing articles. 2,352,709; July 4.

Haase, Jesse A., Martinsville, Ind. Bale tie. 2,355,644; Aug. 15.

Haase, Jesse A., Martinsville, Ind. Bale former. 2,355,645; Aug. 15.

Haase, Jesse A., Martinsville, Ind. Hay baler. 2,355,646; Aug. 15.

Haase, Jesse A., Martinsville, Ind. Baler wire guide. 2,355,647; Aug. 15.

Haase, Jorgen I., assignor to Wingfoot Corporation, Akron, Ohio. Apparatus for supplying web material. 2,340,267; Jan. 25.

Haase, Jorgen I., assignor to Wingfoot Corporation, Akron, Ohio. Building pneumatic tires. 2,365,815; Dec. 26.

Habel, Berger R. (See Houston, J. V., and Habel.)

Habel, Berger R., Riverside, Ill., assignor to American Brake Shoe Company. Narrow gauge railroad. 2,347,683; May 2.

Haber, Eugene J., Sanderstead, assignor to Matthews & Yates Limited, Swinton, Manchester, England. Apparatus for separating dust and other suspended matter from air and other gases or vapors. 2,357,734; Sept. 5.

Habermann, Carl E. (See Traver, A. E., and Habermann.)

Habermaier, Reinhard A. (See Greene, C. W., and Habermaier.)

Haberstump, Alfred H. (See Scholtz, H. G., Mueller, and Haberstump.)

Haberstump, Alfred H., assignor to The Murray Corporation of America, Detroit, Mich. Sink cabinet. 2,341,093; Feb. 8.

Haberstump, Alfred H., assignor to The Murray Corporation of America, Detroit, Mich. Pneumatic timing device. 2,349,548; May 23.

Haberstump, Alfred H., assignor to The Murray Corporation of America, Detroit, Mich. Washing machine. 2,354,208; July 25.

Haberstump, Alfred H., Detroit, Mich. Utensil washing machine. 2,358,507; Sept. 19.

Haberstump, Alfred H., assignor to The Murray Corporation of America, Detroit, Mich. Re-arming tool. 2,359,842; Oct. 10.

Haberstump, Alfred H., assignor to The Murray Corporation of America, Detroit, Mich. Bucking bar for tubular members. 2,360,771; Oct. 17.

Habgood, Bernard J. (See Child, C. L., Clarke and Habgood.)

Habib, Emile E. (See Gott, G. E., Habib, Casey, and Fairbank.)

Hable, George J. (See Lawler, W. P., Hable, and Steinle.)

Habraschka, Bernhard, Hamburg, Germany; vested in the Alien Property Custodian. Producing non-yellowing phenol-formaldehyde condensates. 2,338,430; Jan. 4.

Habraschka, Bernhard, Hamburg, Germany; vested in the Alien Property Custodian. Production of hardenable orthocresol aldehyde condensates. 2,351,958; June 20.

Hachmuth, Karl H., Bartlesville, Okla., assignor to Phillips Petroleum Company. Contacting apparatus. 2,345,667; Apr. 4.

Hachmuth, Karl H., Bartlesville, Okla., assignor to Phillips Petroleum Company. Preparing catalytic materials. 2,349,904; May 30.

Hachmuth, Karl H., Bartlesville, Okla., assignor to Phillips Petroleum Company. Furfural purification. 2,350,609; June 6.

Hachmuth, Karl H., Bartlesville, Okla., assignor to Phillips Petroleum Company. Production of motor fuel. 2,353,234; July 11.

Hachmuth, Karl H., Bartlesville, Okla., assignor to Phillips Petroleum Company. Hydrogen halide recovery. 2,355,857; Aug. 15.

Hack, Frank W., Des Plaines, Ill. Multiversal machine tool and boring head therefor. 2,344,039; Mar. 14.

Hackbarth, Carl J., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for treating sheathed articles. 2,338,508; Jan. 4.

Hackbarth, Edward G., Plantsville, Conn. Sheet metal working machine. 2,341,215; Feb. 8.

Hackenberg, John H., New York, N. Y., and R. J. Wise, Dunellen, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Electrical recording stylus and making the same. 2,346,675; Apr. 18.

Hackethal, Paul E., Baltimore, Md., G. T. Lampton, Williamsport, Pa., and A. T. Briggs, assignors to Everel Propeller Corporation, Baltimore, Md. Propeller.

Hackett, George S., Canton, Ohio, assignor to H. H. Leiter, Warsaw, Ind. Surgical bone clamp. 2,362,957; Nov. 14.

Hackett, James W. (See Nusbaum, R. E., and Hackett.)

Hacklander, Hans, Linden, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Uncurling guide for sewing machines. 2,352,430; June 27.

Hacklander, Hans, Linden, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Feeding mechanism for sewing machines. 2,362,267; Nov. 7.

Hackman, Arthur J., and M. C., Grosse Point, Mich. Lapping arbor. 2,341,094; Feb. 8.

Hackman, Harvey J., Kings Mills, Ohio, assignor to Remington Arms Company, Inc. Ammunition abrading apparatus. 2,350,553; June 6.

Hackman, Madeline C. (See Hackman, Arthur J. and M. C.)

Haddad, Elie, Royal Oak, Mich. Grinding wheel forming and dressing means. 2,355,372; Aug. 8.
Haddad, Jerier. (See Munis, R., and Haddad.)
Haddad, Labeeb B., New Haven, Conn., assignor to The Safety Car Heating and Lighting Company, Inc. Controlling system. 2,344,608; Mar. 21.
Haddock, Norman H. (See Blackshaw, H., and Haddock.)
Haddock, Norman H., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Mercapto-phthalocyanines. 2,342,662; Feb. 29.
Haddock, Norman H., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Manufacture of phthalocyanines. 2,342,663; Feb. 29.
Haddock, Norman H., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Stabilized diazonium derivatives of phthalocyanine compounds. 2,349,089; May 16.
Haddock, Norman H., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Stabilized polydiazo-phthalocyanines. 2,349,090; May 16.
Haddock, Norman H., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Stabilized-polydiazo-phthalocyanines. 2,349,091; May 16.
Haddock, Norman H., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Coloring matters of the phthalocyanine series. 2,351,118; June 13.
Haddock, Norman H., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Coloring matter of the phthalocyanine series. 2,351,119; June 13.
Hadekel, Ruben, Grappenhall, Warrington, England. Automatic telegraph apparatus. 2,361,766; Oct. 31.
Hadekel, Ruben, and A. A. Perriches, Warrington, assignors to Associated Messier Investments Limited Farnham Common, England. Apparatus for damping movements of vehicle and other wheels. 2,348,974; May 16.
Hadler, Bartholdt C. (See Coleman, G. H., and Hadler.)
Hadler, Bartholdt C. (See Coleman, G. H., Hadler, and Sapp.)
Hadley Company, The. (See Domler, Charles A., assignor.)
Hadley, Everett M., Riverside, Calif. Cigarette dispensing package. 2,339,924; Jan. 25.
Hadley, Frank H. (See Woolf, B., and Hadley.)
Hadley, Wilfred N., Springfield, Vt., assignor to Parks and Woolson Machine Company. Teasel gig. 2,363,414; Nov. 21.
Hadsel, Harry, assignor to American Elevator & Machine Company, Inc., Louisville, Ky. Elevator signaling systems. 2,338,582; Jan. 4.
Haedike, Edward J., assignor to National Machine Works, Chicago, Ill. Blast burner nozzle. 2,357,468; Sept. 5. 2,359,265; Sept. 26.
Haefele, John W., Ridgewood, N. J., assignor to United States Rubber Company, New York, N. Y. Obtaining rubber from cryptostegia. 2,353,460; July 11.
Haefele, John W., Ridgewood, and J. McGavack, Leonia, N. J., assignors to United States Rubber Company, New York, N. Y. Obtaining rubber from goldenrod. 2,365,950; Dec. 26.
Haegele, Frederick G. A. (See Kolbert, J. W., and Haggele.)
Haegele, Otto P., Columbus, Ohio, assignor to United States Gypsum Company, Chicago, Ill. Perforating apparatus. 2,338,327; Jan. 4.
Haehnel, Herbert E., West Reading, assignor to Textile Machine Works, Wyomissing, Pa. Control device for ringless yarn carrier attachment. 2,346,105; Apr. 4.
Haensel, Vladimir. (See Ipatieff, V. N., and Haensel.)
Haensel, Vladimir, assignor to Universal Oil Products Company, Chicago, Ill. Alkylation of hydrocarbons. 2,351,609; June 20.
Haessler, Walter M. (See Grant, H. C., Jr., and Haessler.)
Haessler, Walter M., Jersey City, assignor to Specialties Development Corporation, Bloomfield, N. J. Valve locking means. 2,342,664; Feb. 29.
Haffner, Felix, Tubingen, and F. Sommer, Berlin-Charlottenburg, Germany; vested in the Alien Property Custodian. Stimulants suitable for combating symptoms of fatigue and their production. 2,356,582; Aug. 22.
Haffner, Joseph B., deceased, Buffalo, N. Y.; M. E. Haffner, administratrix. Method and apparatus for filling portable tanks. 2,363,177; Nov. 21.
Haffner, Mary E., administratrix. (See Haffner, Joseph B.)
Hafner, Raoul, Vienna, Germany; vested in the Alien Property Custodian. Helicopter. 2,338,935; Jan. 11.
Hagan, C. S., et al. (See Gross, Arthur R., assignor.)
Hagan, Charles L., Laverne, Okla. Game. 2,350,031; May 30.
Hagar, Carl W., San Diego, Calif. Air cleaner. 2,341,771; Feb. 15.
Hagedorn, Gerhard, Berlin-Halensee, Germany; vested in the Alien Property Custodian. Control system for resistance welding. 2,344,353; Mar. 14.
Hagedorn, Gerhard, Berlin-Lichterfelde, E. Luxer, Berlin Sudende, and E. G. Wahl, Berlin-Steglitz, Germany; vested in the Alien Property Custodian. Welding control system. 2,344,086; Mar. 14.
Hagedorn, Max, Dessau, Germany; vested in the Alien Property Custodian. Manufacture of hydrophilic polymerization products of the superpolyamide type. 2,356,516; Aug. 22.
Hagedorn, Max, Dessau, Germany; vested in the Alien Property Custodian. Manufacture of hydrophilic polymerization products of the superpolyamide type. 2,357,187; Aug. 29.
Hagedorn, Max, Dessau, and E. Schmitz-Hillebrecht, Bitterfeld, Germany; vested in the Alien Property Custodian. Production of high polymeric condensation products. 2,341,611; Feb. 15.
Hagelin, William T., Chicago, Ill., assignor to Davidson Manufacturing Corporation. Planographic plate. 2,344,510; Mar. 21.
Hageline, Emil E., assignor to The Lathrop-Paulson Company, Chicago, Ill. Can treating apparatus. 2,364,971; Dec. 12.
Hageman, Aaron M., Verona, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Incandescent electric lamp. 2,349,349; May 23.
Hageman, Louis F., assignor to American Sales Book Company, Inc., Niagara Falls, N. Y. Strip feed for typewriting machines. Re. 22,460; Mar. 28.
Hagemann, John R., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Pressure regulating system. 2,342,579; Feb. 22.
Hagemann, John R., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Turbine support. 2,356,721; Aug. 22.
Hagemeyer, Henry F., Chicago, Ill., assignor to Castings Patent Corporation. Dispensing mechanism. 2,351,505; June 13.
Hagemeyer, Henry F., assignor to Castings Patent Corporation, Chicago, Ill. Dispensing mechanism. 2,351,506; June 13.
Hagen, Clarence R. (See Scarratt, A. W., Baker, and Hagen.)
Hagen, Harold F., Wellesley, assignor to B. F. Sturtevant Company, Boston, Mass. Multistage propeller fan. 2,339,602; Jan. 18.
Hagen, Harold F., Wellesley, and R. T. Palmer, Sharon, assignors to B. F. Sturtevant Company, Hyde Park, Boston, Mass. Engine cooling system. 2,347,153; Apr. 18.
Hagen, Henry, assignor of one-half to J. Phelps, Lansing, Mich. Hydraulic transmission. 2,354,456; July 25.
Hagen, Karl R., assignor to The Timken Roller Bearing Company, Canton, Ohio. Fuel pump. 2,348,538; May 9.
Hagenbook, Loy D., assignor to Goodman Manufacturing Company, Chicago, Ill. Self-loading device for shaker conveyers. 2,343,144; Feb. 29.
Hagenbook, Loy D., assignor to Goodman Manufacturing Company. Shaker conveyer trough connecting means. 2,344,300; Mar. 14.
Hagenbook, Thurloe M., assignor to International Steel Company, Evansville, Ind. Electrically controlled operating system for revolving doors. 2,341,545; Feb. 15.
Hagenbook, Thurloe M., assignor to International Steel Company, Evansville, Ind. Light beam projection system. 2,341,546; Feb. 15.
Hagenbook, Thurloe M., assignor to International Steel Company, Evansville, Ind. Electrically controlled lock system for revolving doors. 2,348,900; May 16.
Hagenbuch, Werner. (See Leemann, H., Rheiner, and Hagenbuch.)
Hager, Hans G. (See Bosomworth, G. P., and Hager.)
Hager, Onslow B., Glenside, assignor to Röhm & Haas Company, Philadelphia, Pa. Delustering cellulose ester fabric. 2,350,032; May 30.
Hagerbaumer, William A. (See Utterback, E., and Hagerbaumer.)
Hagerup-Larssen, Georg, New York, N. Y.; vested in the Alien Property Custodian. Electrode frame structure. 2,338,936; Jan. 11.
Hagerup-Larssen, Georg, New York, N. Y., assignor to Det Norske Aktieselskab for Elektrokemisk Industri, Oslo, Norway. Suspension of self-baking electrodes. 2,339,230; Jan. 11.
Hagg, Arthur C. (See Ehrgott, K., and Hagg.)
Hagg, Arthur C., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Vehicle wheel balancing. 2,363,316; Nov. 21.
Haggart, John C., Jr., Martinsville, N. J., assignor to Signal Service Corporation. Luminous baton. 2,362,131; Nov. 7.
Haggerty, Edward, A. O. Roy, and R. Hargreaves, assignor to Whitin Machine Works, Whitinsville, Mass. Builder mechanism. 2,353,330; July 11.
Haggerty, Harold P., Ferndale, Mich. Threadless nut and bolt. 2,364,288; Dec. 5.
Hagglund, Gunnar, New York, N. Y. Self-feeding soldering iron. 2,360,672; Oct. 17.
Haglund, Hakon H., New York, N. Y., A. W. Dickey, Madison, N. J., and T. A. Newman, Rego Park, assignors to The Western Union Telegraph Company, New York, N. Y. Code converter. 2,352,952; July 4.
Hagmaier, William G. (See Shaw, E. C., and Hagmaier.)

Hagner, Frederick H., San Antonio, Tex. Sand timing instrument. 2,365,072; Dec. 12.
Hagopian, Charles H., New York, N. Y. Toy gun. 2,362,065; Nov. 7.
Hagopian, Charles H., New York, N. Y. Bubble gun. 2,366,103; Dec. 26.
Hagopian, Ralph D. S., Berkeley, Calif. Electrical shaver. 2,342,467; Feb. 22.
Hagstrom, John R., Englishtown, N. J. Rotary water pump. 2,358,226; Sept. 12.
Hague, Wakefield, Dallas, Tex. Row crop harvester and header. 2,346,963; Apr. 18.
Hagy, Ernest A., San Antonio, Tex. Viscosity measuring apparatus. 2,339,991; Jan. 25.
Hahn, Clarence E., Euclid, Ohio, assignor to General Electric Company, Lehr. 2,351,262; June 13.
Hahn, George J., and O. Sann, Johnstown, Pa. Brake block assembly. 2,349,859; May 30.
Hahn, Joel, Beatrice, Nebr. Plier type wrench. 2,358,858; Sept. 26.
Hahn, Martin G., Milwaukee, Wis. Broom holder. 2,344,816; Mar. 21.
Hahn, Paul T. (See Carlson, V. E., and Hahn.)
Hahn, Paul T., Detroit, Mich., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,340,379; Feb. 1.
Hahn, Paul T., assignor to Eureka Vacuum Cleaner Company, Detroit, Mich. Vacuum cleaner bag. 2,364,069; Dec. 5.
Hahn, Stuart H., and R. H. Judson, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Apparatus for determining the relative porosity of various porous materials. 2,355,858; Aug. 15.
Hahn, William C., Scotia, N. Y., assignor to General Electric Company. Electrical discharge device. Re. 22,506; June 27.
Hahne, Frederick E., assignor to Chemical Enterprises, Inc., New York, N. Y. Device for rolling thin rubber articles. 2,346,485; Apr. 11.
Hahne, Frederick E. assignor to Chemical Enterprises, Inc., New York, N. Y. Manufacturing thin rubber articles. 2,351,202; June 13.
Haibe, Ora F., Indianapolis, Ind. Intake fuel system for internal-combustion engines. 2,353,665; July 18.
Haigh, Leslie B., West Orange, N. J., assignor to International Standard Electric Corporation, New York, N. Y. Line identification. 2,338,242; Jan. 4.
Haigh, Leslie B., West Orange, N. J., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Rectifier and making the same. 2,365,098; Dec. 26.
Haigh, Vaughn, South Bend, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Transmission. 2,350,506; June 6.
Haight, Norman L., assignor to Sperry Products, Inc., Hoboken, N. J. Follow-up and compensating system. 2,346,836; Apr. 18.
Haight, Norman L., assignor to Sperry Products, Inc., Hoboken, N. J. Strain gauge. 2,352,953; July 4.
Haight, Norman L., Glen Ridge, N. J., assignor of one-half to H. D. Mallison, Philadelphia, Pa. Indicating horsepower and horsepower factors. 2,365,073; Dec. 12.
Haigler, John A. (See Haigler, W. H., Sr., L. B., and J. A.)
Haigler, Lawrence B. (See Haigler, W. H., Sr., L. B., and J. A.)
Haigler, William H., Sr., L. B. and J. A., Montgomery, Ala. Weed destroyer. 2,365,465; Dec. 19.
Haile, James E., Jr., Cedartown, Ga. Aerial gunnery trainer. 2,364,070; Dec. 5.
Hailes, William D., Brighton, and W. M. Barker, Greece, assignors to General Railway Signal Company, Rochester, N. Y. Relay. 2,346,751; Apr. 18.
Haimowitz, Joseph, et al. (See Bodenstein, Paul H., assignor.)
Hainer, Glenn O., Pittsburg, Calif., Determining differences between dew point and dry bulb temperatures. 2,349,860; May 30.
Haines, Edward C., Moorestown, N. J. Food product preservation. 2,354,014; July 18.
Haines, Harry F., assignor to The Timken Roller Bearing Company, Canton, Ohio. Fuel injector. 2,358,494; Sept. 19.
Haines, John F., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Propeller control mechanism. 2,357,400; Sept. 5.
Haines, Wilfred J. M., Oxshott, England. Metallic element for reinforcing concrete. 2,355,156; Aug. 8.
Hainsworth, William R., Larchmont, N. Y., assignor, by mesne assignments, to Servel, Inc. Refrigerator. 2,338,284; Jan. 4.
Hair, Charles E. and R. T., Benton, Ill. Coal-mining machine. 2,346,676; Apr. 18.
Hair, Charles E. and R. T., Benton, Ill. Coal-mining machine. 2,346,677; Apr. 18.
Hair, Charles E. and R. T., Benton, Ill. Coal-mining machine. 2,346,678; Apr. 18.
Hair, Charles E. and R. T., Benton, Ill. Coal-mining machine. 2,346,679; Apr. 18.
Hair, Richard T. (See Hair, Charles E. and R. T.)
Haisch, Otto P. (See Gaskell, W. L., and Haisch.)
Haist, Louis P., Trenton, N. J. Mechanical fowl or poultry picker. 2,362,871; Nov. 7.
Hait, Howard B., Philadelphia, Pa. Waste water humidifier. 2,347,905; May 2.
Hait, Howard B., Philadelphia, Pa. Water cooler. 2,360,491; Oct. 17.
Hait, James M., San Gabriel, assignor to Food Machinery Corporation, San Jose, Calif. Open line shaft bearing. 2,338,937; Jan. 11.
Hait, James M., San Gabriel, assignor to Food Machinery Corporation, San Jose, Calif. Flexible rotary drive coupling. 2,346,426; Apr. 11.
Hajek, James L., Jr., Cleveland, Ohio. Bucking tool. 2,353,559; July 11.
Hajek, James L., Jr., Cleveland, Ohio. Auxiliary wing and wheel retracting mechanism for airplanes. 2,354,116; July 18.
Hakanson, Axel H., Worcester, assignor to United States Envelope Company, Springfield, Mass. Envelope. 2,364,711; Dec. 12.
Hake, Albert C., assignor to the Glenn L. Martin Company, Baltimore, Md. Gun mount. 2,345,747; Apr. 4.
Hake, Donald S. (See Kinzie, C. J., and Hake.)
Halbach, Howard L., Clarksburg, W. Va., G. D. Campbell, Tarentum, Pa., and W. G. Koupal, Clarksburg, W. Va., assignors to Pittsburgh Plate Glass Company, Method of and apparatus for drawing sheet glass. 2,352,539; June 27.
Halbig, Paul, Freiburg, Switzerland, and F. Matthias and A. Treibs, Munich, Germany; vested in the Alien Property Custodian. Polymerization of alkoxy-butadienes. 2,344,085; Mar. 14.
Halbrook, Warwick W., Berkley Heights, and Le Roy W. Kelsay, Summit, N. J.; assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Cable terminal housing. 2,338,179; Jan. 4.
Halbrook, Warwick W., Berkley Heights, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Protective device. 2,340,055; Jan. 25.
Halby, Edwin G., assignor to The Marion Steam Shovel Company, Marion, Ohio. Safety device for hoisting mechanism. 2,348,382; May 9.
Halderson, Maxwell H., Smackover, Ark., assignor to Phillips Petroleum Company. Control for oil well pumping equipment. 2,360,561; Oct. 17.
Hale, Arlan B., Port Arthur, Tex., assignor to Gulf Oil Corporation, Pittsburgh, Pa. Heavy lubricant for chemical industries and making the same. 2,349,861; May 30.
Hale, Arthur N., Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Loop-taker mechanisms for sewing machines. 2,339,165; Jan. 11.
Hale, Arthur N., Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Resilient support. 2,347,629; Apr. 25.
Hale, Charles B., assignor to Gear Specialties, Chicago, Ill. Preloaded gear. 2,343,110; Feb. 29.
Hale Fire Pump Co., The. (See Marmor, Adrian, assignor.)
Hale, James E., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Tire and wheel assembly. 2,339,542; Jan. 18.
Hale, James E., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Tire. 2,339,558; Jan. 18.
Hale, James E., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Bead lock. 2,354,437; July 25.
Hale, Jesse W., Newton, Mass. Coupling device. 2,342,540; Feb. 22.
Hale, John D., assignor to Harnischfeger Corporation, Milwaukee, Wis. Hydraulic control system for excavating cranes. 2,356,517; Aug. 22.
Hale, Joseph B., assignor to Eastman Kodak Company, Rochester, N. Y. Machine for handling strip material. 2,358,065; Sept. 12.
Hale, St. Clair M., assignor to Parker-Wolverine Company, Detroit, Mich. Camouflage and making. 2,364,289; Dec. 5.
Hale, Stuart G., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave transmission network. 2,362,549; Nov. 14.
Hale, William B., Huntington Park, Calif., assignor to Saint Cyr Corporation. Pneumatic gun. 2,357,951; Sept. 12.
Hale, William J., Midland, Mich., assignor to The National Agrol Company, Washington, D. C. Therapeutic confection. 2,341,986; Feb. 15.
Hales, Ralph A., E. G. Almy, A. A. Young, and C. D. Pratt, Tamaqua, Pa., assignors to Atlas Powder Company, Wilmington, Del. Treatment of nitrotoluol waste liquors. 2,362,066; Nov. 7.
Halfacre, George F., Palmerton, Pa., assignor to The New Jersey Zinc Company, New York, N. Y. Zinc smelting. 2,349,619; May 23.
Halfin, Herman, New York, N. Y. Sanitary individual toilet seat cover. 2,342,048; Feb. 15.
Halfmann, Edward S., Philadelphia, Pa. Apparatus for measuring alternating current in the conductors and/or in the sheaths of electric cables. 2,362,372; Nov. 7.
Halford, Frank B., Edgware, assignor to D. Napier & Son Limited, London, England. Engine connecting rod. 2,343,055; Feb. 29.
Halford, Frank B., Edgware, and P. J. Wallace, Harrow Weald, assignors to D. Napier & Son Limited, London, England. Apparatus for the control of mechanism. 2,344,547; Mar. 21.

Halford, Frank B., Edgware, and A. L. Catford, Hampton, assignors to D. Napier & Son Limited, London, England. Apparatus for the control of internal combustion engines. 2,346,916; Apr. 18.
Halford, Frank B., Edgware, assignor to D. Napier & Son Limited, London, England. Variable radio transmission mechanism. 2,352,478; June 27.
Hall, Charles G., Los Angeles, Calif. Fishing catapult. 2,345,043; Mar. 28.
Hall, Charles L., Detroit, Mich., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Retaining device. 2,350,311; May 30.
Hall, Charles T., assignor to Molins Machine Company, Limited, Deptford, London, England. Apparatus for charging cartridge belts. 2,356,158; Aug. 22.
Hall, Charles W., Los Angeles, Calif. Hydrator cap. 2,345,044; Mar. 28.
Hall, Chester I. (See Townsend, G. R., and Hall.)
Hall, Chester I., Schenectady, N. Y., assignor to General Electric Company. Control system. 2,339,635; Jan. 18.
Hall, Chester I., Rexford, N. Y., assignor to General Electric Company. Heating system. 2,339,636; Jan. 18.
Hall China Company, The. (See Henderson, Frederick C., assignor.)
Hall China Company, The. (See Thompson, Joseph R., assignor.)
Hall, Donald T., Hilo, Hawaii. Grab device. 2,362,268; Nov. 7.
Hall, Edwin S., Farmington, Conn., assignor to Rogers Diesel and Aircraft Corporation, Bronx, N. Y. Mechanism for the interconversion of reciprocation and rotation. 2,357,735; Sept. 5.
Hall, Ernest A., and R. S. Beverlin, assignors to The Hall Manufacturing Company, Toledo, Ohio. Grinding machine. 2,338,509; Jan. 4.
Hall, Ernest A., and R. S. Beverlin, assignors to The Hall Manufacturing Company, Toledo, Ohio. Portable grinding machine. 2,338,763; Jan. 11.
Hall, Frank L. (See Connelly, J. T., and Hall.)
Hall, Frank W., Tarentum, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Glazing unit. 2,340,469; Feb. 1.
Hall, George, and E. Brierley, Rochdale, England. Transmission gearing. 2,346,752; Apr. 18.
Hall, Hansell, Miami, Fla. Cabinet structure. 2,353,331; July 11.
Hall, Harry C., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Electric switch. 2,354,750; Aug. 1.
Hall, Harvey H., Denver, Colo. Advertising display device. 2,364,786; Dec. 12.
Hall, Homer J., Roselle, N. J., assignor to Standard Oil Development Company. Regeneration of a contact catalyst. 2,342,868; Feb. 29.
Hall, Horace E. (See Boehm, R. M., and Hall.)
Hall, Horace W., Newton, Mass. Strengthened playing racket. 2,339,393; Jan. 18.
Hall, Horace W., Newton, Mass. Lignocellulosic article and manufacture. 2,366,025; Dec. 26.
Hall, Horace W., Newton, Mass. Bowling ball or the like. 2,362,269; Nov. 7.
Hall, James A., Houston, Tex. Disintegrator rotor for use in conjunction with disintegrating equipment. 2,349,960; May 30.
Hall, James A., Houston, Tex. Disintegrator rotor. 2,360,562; Oct. 17.
Hall, John A., West Pittston, Pa. Doorbell switch, annunciator, and chime. 2,343,009; Feb. 29.
Hall, John L., Charleston, W. Va., assignor of one-half to Danciger Oil and Refineries, Inc., Fort Worth, Tex. Treating hydrocarbon gases. 2,341,320; Feb. 8.
Hall, John L., Charleston, W. Va., assignor of one-half to Danciger Oil and Refineries, Inc., Fort Worth, Tex. Apparatus for fractionating natural gas. 2,363,317; Nov. 21.
Hall, Joseph M., Chicago, Ill., assignor to Drying & Concentrating Company. System of dehydrating liquid products. 2,357,648; Sept. 5.
Hall, Joseph M., Chicago, Ill., assignor to Drying & Concentrating Company. Method of and apparatus for dehydrating liquid products. 2,357,649; Sept. 5.
Hall, Joseph M., Chicago, Ill., assignor to Drying & Concentrating Company. Dehydrating system. 2,361,940; Nov. 7.
Hall, Lloyd A., Chicago, Ill., assignor to B. R. Connolly, Rockville Centre, N. Y. Puncture sealing composition and manufacture thereof. 2,357,650; Sept. 5.
Hall, Lloyd A., Chicago, Ill., assignor to N. L. Simmons, Norrie, Wis. Manufacture of nitrogen-fortified whey concentrate. 2,363,730; Nov. 28.
Hall Manufacturing Company, The. (See Beverlin, Robert S., assignor.)
Hall Manufacturing Company, The. (See Hall, E. A., and Beverlin, assignors.)
Hall, Marchand B., assignor to Acme Visible Records, Inc., Chicago, Ill. Drawer or tray front. 2,351,260; June 13.
Hall, Marchand B., assignor to Acme Visible Records, Inc., Chicago, Ill. Visible index. 2,351,423; June 13.
Hall, Michael F., Redlands, assignor of one-tenth to E. J. Eriksson, San Bernardino, Calif. Aural indicator of air speed. 2,358,571; Sept. 19.
Hall, Nathan I., Long Island City, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave transmission system. 2,345,115; Mar. 28.
Hall, Nathan I., Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Selecting system. 2,350,888; June 6.
Hall, Newton L., Long Beach, Calif. Fence post. 2,351,261; June 13.
Hall, Newton L., Long Beach, Calif. Binding tape or bandage. 2,353,332; July 11.
Hall Planetary Company, The. (See Leisner, H. J., and Sheaffer, assignors.)
Hall, Robert G., San Francisco, Calif. Recovery of tungsten from its ores. 2,351,678; June 20.
Hall, Roy F., assignor to B. A. Babb, Kansas City, Mo. Sheet feeding apparatus. 2,351,854; June 20.
Hall, Stanley A. (See Palkin, S., and Hall.)
Hall, William D., Elkins, W. Va. Measuring device. 2,353,155; July 11.
Hallberg, August W., assignor to Chase Brass & Copper Co., Incorporated, Waterbury, Conn. Tube-expanding and thread-rolling apparatus. 2,345,871; Apr. 4.
Hallberg, August W., assignor to Chase Brass & Copper Co. Incorporated, Waterbury, Conn. Thread-rolling tool. 2,349,862; May 30.
Hallberg, August W., assignor to Chase Brass & Copper Co. Incorporated, Waterbury, Conn. Thread-rolling tool. 2,349,863; May 30.
Hallead, Mervil, Detroit, Mich., assignor to The Karl Kiefer Machine Company, Cincinnati, Ohio. Handling collapsible tubes. 2,342,337; Feb. 22.
Haller, Charles, Denver, Colo. Denture clamp. 2,348,471; May 9.
Haller, Herbert L. J. (See Gertler, S. I., and Haller.)
Haller, Herbert L. J. (See Goodhue, L. D., and Haller.)
Haller, Herbert L. J. (See Schechter, M. S., and Haller.)
Haller, Herbert L. J., Washington, D. C., and W. F. Barthel, College Park, Md., assignors to United States of America, as represented by Claude R. Wickard, Secretary of Agriculture, and his successors in office. Insecticide. 2,358,925; Sept. 26.
Hallerstrom, Harold, Evanston, and C. Letsche, assignors to Hanna Engineering Works, Chicago, Ill. Valve construction. 2,344,354; Mar. 14.
Hallett, Alfred, Los Angeles, assignor to Hallett Manufacturing Company, Inglewood, Calif. Generator relay shield. 2,338,938; Jan. 11.
Hallett, Alfred, Los Angeles, assignor to Hallett Manufacturing Company, Inglewood, Calif. Distributor shield assembly. 2,358,971; Sept. 26.
Hallett, Alfred, Los Angeles, assignor to Hallett Manufacturing Company, Inglewood, Calif. Spark plug shield. 2,358,972; Sept. 26.
Hallett Manufacturing Company. (See Hallett, Alfred, assignor.)
Halley, Herschell O., and R. B. Thompson, Belton, Mo. Seed gathering attachment for farm implements. 2,345,969; Apr. 4.
Halliburton, Erle P., Los Angeles, Calif., assignor to Halliburton Oil Well Cementing Company, Duncan, Okla. Determining the volume of the anular space between the casing and wall of bore holes. 2,344,771; Mar. 21.
Halliburton Oil Well Cementing Company. (See Ferris, Auttie T., assignor.)
Halliburton Oil Well Cementing Company. (See Halliburton, Erle P., assignor.)
Halliburton Oil Well Cementing Company. (See Robidoux, Finley T., assignor.)
Halliburton Oil Well Cementing Company. (See Stoddard Albert D., assignor.)
Halliburton Oil Well Cementing Company. (See Verheul, M. M., Potts, and Lane, assignors.)
Hallinan, Edward D., Brockton, Mass. Bed lifter. 2,361,197; Oct. 24.
Hallinan, William W., Mendota, Ill. Oil burning apparatus. 2,338,846; Jan. 11.
Hallinan, William W., Mendota, Ill. Stoker control. 2,354,517; July 25.
Halling, August W., et al., trustees. (See Ross, Talbert C., assignor.)
Hallman, Harold E., Catonsville, Md. Radiant heat seal. 2,358,455; Sept. 19.
Hallman, Harold E., Catonsville, Md. Applying adhesive to wax coated paper. 2,362,373; Nov. 7.
Hallmark, Clyde E., Fort Wayne, Ind., assignor to Farnsworth Television and Radio Corporation. Impulse generator. 2,345,668; Apr. 4.
Hallock, Robert L., Larchmont, N. Y. Ice tray. 2,349,422; May 23.
Hallock, Robert L., Larchmont, N. Y. Vacuum cleaner. 2,351,507; June 13.
Hallonquist, Earl G. (See Schlosser, P. H., Gray, and Hallonquist.)
Hallowell, Howard T., Jr., assignor to Pennsylvania Manufacturing Company, Jenkintown, Pa. Transfer mechanism. 2,346,575; Apr. 11.
Hallwood, Nathan A., Columbus, Ohio. Food preserving and storage apparatus. 2,342,468; Feb. 22.
Halm, Alfred. (See Thommen, H., Halm, and Brühlmann.)
Halmos, Klara, New York, N. Y. Hat. 2,358,708; Sept. 19.
Haloid Company, The. (See Dessauer, John, assignor.)

Halper, Louis, Brooklyn, N. Y. Bodkin fabricating machine. 2,341,037; Feb. 8.
Halstead, Dorne N., Upper Montclair, N. J. Combination can opener, lid, and measuring device. 2,354,518; July 25.
Halstead, John F., Brooklyn, N. Y., assignor to International Cigar Machinery Company. Making cigars. 2,343,902; Mar. 14.
Halstead, Laban R., assignor to Eugene Dietzgen Co., Chicago, Ill. Beam compass. 2,355,585; Aug. 8.
Halstead, Ralph T. (See Bruce, D. S., and Halstead.)
Halstead, William S., Huntington, N. Y. Signaling system. 2,347,477; Apr. 25.
Halstead, William S., Huntington, N. Y. Signaling system. 2,364,357; Dec. 5.
Halvorson, Halvor O. (See Hills, C. H., and Halvorson.)
Hamaker, Rex G., assignor to Reed Roller Bit Company, Houston, Tex. Rock bit. 2,365,266; Dec. 19.
Hamann, Charles E., Stratford, Conn., assignor to General Electric Company. Dry plate rectifier for portable radios. 2,353,461; July 11.
Hamann, William, Irondequoit, and R. H. Weller, Rochester, N. Y., assignors to United Shoe Machinery Corporation, Flemington, N. J. Edge setting machine. 2,355,217; Aug. 8.
Hambleton, Morris W., assignor of one-sixth to T. Mangan and one-sixth to J. M. Mangan, Missoula, Mont. Illuminated multiple socket wrench. 2,341,375; Feb. 8.
Hambly, Allen E. (See Mullinix, G. E., and Hambly.)
Hamburg, William A, U. S. Army, Oklahoma City, Okla. Combined cabinet, desk, and table. 2,351,610; June 20.
Hamel, George W., Grand Rapids, Mich. Seat. 2,345,970; Apr. 4.
Hamelberg, August L. (See Averill, W. D., and Hamelberg.)
Hamer, Leland S., Long Beach, assignor of one-third to P. A. Dewhirst, Los Angeles, and one-sixth to V. Zilligitt, Long Beach, Calif. Tapered bushing and removing the same. 2,348,293; May 9.
Hames, John G. (See Buzza, Henry M., assignor.)
Hamill, Ret O., Elmhurst, N. Y. Maximum demand thermal electric meter. 2,360,223; Oct. 10.
Hamilton, Alfred E., Pittsburgh, Pa. Grinding apparatus. 2,340,121; Jan. 25.
Hamilton, Alfred E., Pittsburgh, Pa. Grinding apparatus. 2,358,572; Sept. 19.
Hamilton, Bertis F. (See Noblitt, Q. G., Booth, and Hamilton.)
Hamilton, Bertis F., E. F., W. S., and C. O., Columbus, Ind. Holder for sifter-top cans. 2,345,971; Apr. 4.
Hamilton, Carl C., Plainfield, assignor to The Babcock & Wilcox Company, Jersey City, N. J. Pressure sealing closure. 2,342,140; Feb. 22.
Hamilton, Clarence O. (See Hamilton, Bertis F., E. F., W. S., and C. O.)
Hamilton, Earl F. (See Hamilton, Bertis F., E. F., W. S., and C. O.)
Hamilton, Francis E. (See Lake, C. D., and Hamilton.)
Hamilton, Hugh G., Baldwin, N. Y., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Electric motor control system. 2,351,508; June 13.
Hamilton, Irvin, Ridgewood, N. Y. Dolly. 2,347,947; May 2.
Hamilton, James H., Burbank, assignor to Western Precipitation Corporation, Los Angeles, Calif. Electrical precipitation apparatus. 2,354,457; July 25.
Hamilton, James L., Kirkwood, assignor to Century Electric Company, St. Louis, Mo. Electric motor. 2,353,235; July 11.
Hamilton, Lyle A., Pitman, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Organic compounds. 2,365,466; Dec. 19.
Hamilton Manufacturing Company. (See Brown, Clifford S., assignor.)
Hamilton Manufacturing Company. (See Froelich, George E., assignor.)
Hamilton Manufacturing Company. (See Gelmer, Anthony P., assignor.)
Hamilton Manufacturing Company. (See Merrett, Earle E., assignor.)
Hamilton Manufacturing Company. (See Worth, Leo F., assignor.)
Hamilton, Merrill V., Gary, Ind. Coating device. 2,356,666; Aug. 22.
Hamilton Metal Products Company, The. (See Piker, Herbert M., assignor.)
Hamilton, Scheu & Walsh Shoe Co. (See Walsh, John J., assignor.)
Hamilton, Thomas S., assignor to D. Di Frasso, Beverly Hills, Calif. Purifying hydrocarbon liquids. 2,355,291; Aug. 8.
Hamilton, Wallace, assignor to Draper Corporation, Hopedale, Mass. Shuttle checking device. 2,341,843; Feb. 15.
Hamilton, Wallace, assignor to Draper Corporation, Hopedale, Mass. Filling carrier transferring mechanism. 2,342,857; Feb. 29.
Hamilton, Walter A., Burbank, Calif., assignor to Douglas Aircraft Company, Inc. Aircraft control. 2,365,951; Dec. 26.
Hamilton Watch Company. (See Bennett, William O., Jr., assignor.)
Hamilton Watch Company. (See Bennett, W. O., Jr., and Drescher, assignors.)
Hamilton Watch Company. (See Drescher, Ernest W., assignor.)
Hamilton Watch Company. (See Heffelfinger, Robert D., assignor.)
Hamilton Watch Company. (See Le Van, James O., assignor.)
Hamilton Watch Company. (See Mentzer, Ralph B., assignor.)
Hamilton Watch Company. (See Meyer, Francis E., assignor.)
Hamilton, William E., Evanston, assignor to F. L. Klein Noodle Company, Chicago, Ill. Popcorn machine. 2,357,820; Sept. 12.
Hamilton, William F., Altadena, M. F. George, Jr., and E. Simon, assignors to F. M. Turnbull, Los Angeles, Calif. Stabilized therapeutic agents. 2,361,624; Oct. 31.
Hamilton, William S. (See Hamilton, Bertis F., E. F., W. S., and C. O.)
Hamlet, Leon M. (See Plummer, R. K., Hamlet, and Blank.)
Hamlett, Robert T., Jackson Heights, assignor to The Western Union Telegraph Company, New York, N. Y. Answer-back telegraph system. 2,344,142; Mar. 14.
Hamlin, Marston L., Lynbrook, assignor to Allied Chemical & Dye Corporation, New York, N. Y. Production of cyclohexane. 2,356,240; Aug. 22.
Hamm, Clarence L., Marblehead, Mass., assignor to General Electric Company. Dynamoelectric machine. 2,350,755; June 6.
Hammand, Lowell F., Washington, D. C. Automatic shut-off nozzle. 2,343,903; Mar. 14.
Hammand, Lowell F., Washington, D. C. Signaling device. 2,347,193; Apr. 25.
Hammand, Lowell F., Washington, D. C. Gasoline dispensing nozzle. 2,354,209; July 25.
Hammand, Lowell F., Washington, D. C. Signaling device. 2,355,648; Aug. 15.
Hammand, Lowell F., Washington, D. C. Whistling nozzle. 2,360,338; Oct. 17.
Hammarén, Berndt W. (See Pearson, J. H., and Hammarén.)
Hammell, Kemper M., assignor to The Swartzbough Manufacturing Company, Toledo, Ohio. Oil burner. 2,357,587; Sept. 5.
Hammer-Bray Company, Ltd. (See Samwell, P. R., and Pentecost, assignors.)
Hammer, Nathan, New York, N. Y. Shade. 2,341,440; Feb. 8.
Hammer, Nathan, New York, N. Y. Foldable seating device for children. 2,349,092; May 16.
Hammer, Nathan, New York, N. Y. Match package. 2,349,093; May 16.
Hammer, Otto, assignor to Security Engineering Co., Inc., Whittier, Calif. Setting tool for use in wells. 2,361,094; Oct. 24.
Hammeren, Hans, Bethlehem, Pa., assignor to Bethlehem Steel Company. Tank construction. 2,351,509; June 13.
Hammeren, Hans, Bethlehem, Pa., assignor to Bethlehem Steel Company. Liquid storage tank. 2,359,416; Oct. 3.
Hammeren, Hans, Bethlehem, Pa., assignor to Bethlehem Steel Company. Floating roof drain. 2,359,723; Oct. 3.
Hammermill Paper Company. (See Jackson, D. T., and Parsons, assignors.)
Hammermill Paper Company. (See Samson, E. W., and Croup, assignors.)
Hammerquist, William L. (See Lente, K. M., Mantell, and Hammerquist.)
Haminerquist, William L. (See Mantell, C. L., and Hammerquist.)
Hammerstein, Arthur, Palatine, Ill. Implement stand. 2,365,467; Dec. 19.
Hammerstrom, Karl R., Pittsburgh, Pa., assignor to United States Steel Corporation of Delaware. Railroad car truck spring cluster. 2,354,458; July 25.
Hammill, Donald R., and L. Small, Detroit, assignors to Service Diamond Tool Company, Ferndale, Mich. Diamond tool. 2,353,236; July 11.
Hammond Aircraft Company. (See Stevens, Don E., assignor.)
Hammond, Clayson R., assignor of fifty-five per cent to J. L. Lynch, Salem, Oreg. Concentrating machine. 2,342,103; Feb. 22.
Hammond, Elmer H., Fairfield, and A. J. Doser, Bridgeport, Conn., assignors to Manning, Maxwell & Moore, Incorporated, New York, N. Y. Indicating thermostat. 2,346,427; Apr. 11.
Hammond Instrument Company. (See Hanert, John M., assignor.)
Hammond Iron Works. (See Fulton, Luther D., assignor.)
Hammond, John A. S., Glenbrook, Conn., assignor to U. S. Industrial Chemicals, Inc., New York, N. Y. Manufacture of dichlorethane. 2,356,785; Aug. 29.
Hammond, John H., Jr., Gloucester, and G. A. Colley, Newton Center, Mass.; said Colley assignor to said Hammond. Variable pitch propeller control. 2,342,665; Feb. 29.

Hammond, John Hays, Jr., Gloucester, and G. A. Colley, Newton Center, Mass.; said Colley assignor to said Hammond, Jr. Variable pitch propeller control. 2,352,786; July 4.

Hammond, Laurens, Chicago, Ill. Bank and turn indicator. 2,364,972; Dec. 12.

Hammond Machinery Builders, Inc. (See Krueger, Edward C., assignor.)

Hammond, Thomas A., Minneapolis, Minn. Lifting jack with extendable leg structure. 2,351,611; June 20.

Hammond, William D. D., assignor to Machinery Sales Company, Los Angeles, Calif. Machine gun mechanism. 2,360,055; Oct. 10.

Hammond, William R., Ealing Common, London, England. Rotary pump. 2,360,833; Oct. 24.

Hampel, Clifford A., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Bleaching cellulosic materials. 2,353,823; July 18.

Hampel, Clifford A., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Producing alkali metal and alkaline earth metal hypochlorites and alcohol. 2,360,492; Oct. 17.

Hampton, Fred, Bellerose, assignor to Zimets Bed Spring Corporation, Brooklyn, N. Y. Convertible chair and couch. 2,340,845; Feb. 1.

Hampton, Leon N., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Preparing soldering coppers. 2,356,583; Aug. 22.

Hampton, Weldon O., assignor to The Delta Star Electric Company, Chicago, Ill. Terminator. 2,364,071; Dec. 5.

Hamren, Joseph O., Minneapolis, Minn. Tractor with hydraulic drive. 2,349,265; May 23.

Hamren, Joseph O., Minneapolis, Minn. Tank structure. 2,359,758; Oct. 10.

Hanahan, William E., Columbia, S. C. Safety closure. 2,359,639; Oct. 3.

Hanau Engineering Company. (See Pryor, W. J., and Franwick, assignors.)

Hanauer, Henry J. (See Groth, A., and Hanauer.)

Hance, Lyle F. (See Stradling, J. G., and Hance.)

Hancock, Alfred, assignor to Stout Houses, Incorporated, Detroit, Mich. Building structure. 2,363,862; Nov. 28.

Hancock Manufacturing Company. (See Baker, Albert T., assignor.)

Hancock Manufacturing Company. (See Marple, Rollo, assignor.)

Hancock, Quincy M., Atlanta, Ga., assignor to Draper Corporation, Hopedale, Mass. Filling fork grate. 2,363,460; Nov. 21.

Hancock, William A. (See Houser, J. E., Hancock, and Howe.)

Hand, E. B., et al., administrators. (See MacGregor, Wallace F.)

Hand, Frederick E., Canton, Ill., assignor to International Harvester Company. Agricultural implement. 2,344,301; Mar. 14.

Hand, Leslie T., Brooklyn, assignor to Morsegraph, Inc., New York, N. Y. Method of and machine for stacking and compacting folded plies of paper web. 2,359,417; Oct. 3.

Handel, Charles E., Winterset, Iowa. Anchor for use in veneering concrete structures. 2,338,328; Jan. 4.

Handel, George F., et al. (See Smith, James N., assignor.)

Handley Brown Heater Company. (See Handley, Harold E., assignor.)

Handley, George F., Glendale, assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 2,366,022; Dec. 26.

Handley, George F., deceased, Glendale, by M. J. Handley, Yonkers, executrix, assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 2,366,023; Dec. 26.

Handley, George F., deceased, Glendale, by M. J. Handley, Yonkers, executrix, assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 2,366,024; Dec. 26.

Handley, Harold E., assignor to Handley Brown Heater Company, Jackson, Mich. Water heater. 2,348,901; May 16.

Handley, Matilda J., executrix. (See Handley, George F.)

Handley, William C., Frodsham, and J. C. Quayle, Helsby, via Warrington, assignors to British Insulated Cables Limited, Prescot, Lancashire, England. Mounting electric condensers or other articles on support plates. 2,354,015; July 18.

Handoll, Perry C. (See Glinn, R. J., and Handoll.)

Handy, Arthur E., Lynbrook, N. Y., and V. Bertelsen Bogota, N. J., assignors to Otis Elevator Company, New York, N. Y. Bell hoist. 2,341,772; Feb. 15.

Handy, James O., Orlando, Fla., assignor to Duzzel Corporation, Dover, Del. Wax emulsions. 2,364,632; Dec. 12.

Handy, Schuyler L. (See Pontius, G. W., III, and Handy.)

Hane, Clayton M. (See Boyd, J. G., and Hane.)

Hanert, John M., Wilmette, assignor to Hammond Instrument Company, Chicago, Ill. Electrical musical instrument. 2,342,338; Feb. 22.

Hanert, John M., Wilmette, assignor to Hammond Instrument Company, Chicago, Ill. Electrical musical instrument. 2,357,191; Aug. 29.

Hanes, Harvey, Kenmore, assignor to Remington Rand Inc., Buffalo, N. Y. Drawer suspension. 2,350,228; May 30.

Hanes, P. H., Knitting Company. (See Hanes, Pleasant H., assignor.)

Hanes, Pleasant H., assignor to P. H. Hanes Knitting Company, Winston-Salem, N. C. Garment. 2,363,959; Nov. 28.

Haney, Clifford I., and M. E. Martin, Cumberland, Md., assignors to Celanese Corporation of America. Cellular material. 2,354,260; July 25.

Hanford, William E. (See Agre, C. L., Dorough, and Hanford.)

Hanford, William E. (See Alderman, V. V., and Hanford.)

Hanford, William E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymerization of ethylenic materials. 2,351,120; June 13.

Hanford, William E., Westwood Manor, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Oxidized polymers and their preparation. 2,360,673; Oct. 17.

Hanford, William E., and D. F. Holmes, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulose treatment process. 2,339,913; Jan. 25.

Hanford, William E., R. S. Schreiber, and H. W. Gray, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Isomerisation of ricinoleic compounds. 2,340,745; Feb. 1.

Hanford, William E., and H. B. Stevenson, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Solvolysis of polymeric n-vinylimides and products therefrom. 2,363,340; Dec. 19.

Haniquet, George, Glendale, Calif. Towing attachment. 2,356,998; Aug. 29.

Hanitz, Hans T. R. (See Johnson, J. R., and Hanitz.)

Hanker, Fred C., Jr. (See Rupp, W. H., and Hanker.)

Hankins, Cyrus, Washington, D. C., assignor to Unitcast Corporation, Toledo, Ohio. Door frame. 2,341,612; Feb. 15.

Hankins, Cyrus, Washington, D. C., assignor to Unitcast Corporation, Toledo, Ohio. Hopper for railway cars. 2,355,859; Aug. 15.

Hankison, Lewis E., Dormont, Pa. Apparatus for filtering and dehydrating fluids. 2,355,373; Aug. 8.

Hanks, Lincoln, Tacoma, Wash. Subcarburetor. 2,354,373; July 25.

Hanks, Marshall W., assignor to Hankscraft Company, Madison, Wis. Vaporizer. 2,347,825; May 2.

Hankscraft Company. (See Hanks, Marshall W., assignor.)

Hanley, Edward J., Kingston, N. Y., assignor to Hercules Powder Company, Wilmington, Del. Priming composition. 2,363,863; Nov. 28.

Hanley, Newton, Los Angeles, Calif. Bowling game. 2,346,428; Apr. 11.

Hanlon, John H. and J. W., Belmont, Mass. Drifting valve. 2,348,809; May 16.

Hanlon, John W. (See Hanlon, J. H. and J. W.)

Hanlon, Robert H. (See Doster, H. G., and Hanlon.)

Hanlon, Robert H., assignor to The Ohio Injector Company, Wadsworth, Ohio. Operating engines. 2,348,621; May 9.

Hanlon & Wilson Company. (See Wilson, John B.)

Hann, Albert G., assignor to Detroit Lubricator Company, Detroit, Mich. Control device. 2,356,928; Aug. 29.

Hann, Kenneth G., Cyncoed, assignor of one-half to Elliott Equipment Limited, Cardiff, Wales. Chair and like supporting structure. 2,350,679; June 6.

Hanna, Clinton R., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Machine tool tracer regulator. 2,345,116; Mar. 28.

Hanna, Clinton R., Pittsburgh, and L. A. Kilgore, Forest Hills, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Variable speed drive. 2,356,051; Aug. 15.

Hanna Engineering Works. (See Hallerstrom, H., and Letsche, assignors.)

Hanna Engineering Works. (See Hanna, John C., assignor.)

Hanna Furnace Corporation, The. (See Beaumont, Glenn A., assignor.)

Hanna, John C., assignor to Hanna Engineering Works, Chicago, Ill. Hydraulic accumulator. 2,351,761; June 20.

Hanna, Max R., Erie, Pa., assignor to General Electric Company. Electric current collector. 2,345,429; Mar. 28.

Hanna, Raymond P., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Trolley frog. 2,345,118; Mar. 28.

Hanna, Raymond P., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Insulator device. 2,354,117; July 18.

Hanna, Raymond P., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. 2,356,052; Aug. 15.

Hanna, Raymond P., Pittsburgh, and A. G. Scott, Mount Lebanon, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Trolley conductor device. 2,338,510; Jan. 4.

Hanna, Raymond P., Wilkinsburg, and A. G. Scott, Mount Lebanon, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Trolley conductor device. 2,345,117; Mar. 28.

Hanna, Raymond P., and B. A. Rose, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Insulated hanger. 2,363,318; Nov. 21.

Hanna, William T., Cincinnati, Ohio. Stoker. 2,351,959; June 20.

Hanna, William T., Cincinnati, Ohio. Coal distributing apparatus for stokers. 2,351,960; June 20.

Hannaford, Bena, et al. (See Baxter, George, assignor.)

Hannaford, Cleon M., deceased, Toledo, Ohio; M. L. Hannaford, executrix. Container. 2,360,224; Oct. 10.

Hannaford, Marie L., executrix. (See Hannaford, Cleon M.)

Hannah, Daniel. (See Strope, Alva L., assignor.)

Hannan, Dan O., and S. M. Martin, Baltimore, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Cord assembling apparatus. 2,341,613; Feb. 15.

Hannant, Theodore N. (See Helgis, H. E., and Hannant).

Hannay, William H., Trail, British Columbia, and B. J. Walsh, Quebec, assignors to The Consolidated Mining and Smelting Company of Canada, Limited, Montreal, Quebec, Canada. Purification of manganous sulphate solutions. 2,343,293; Mar. 7.

Hanneman, Walter M., Oak Park, assignor to Illinois Tool Works, Chicago, Ill. Self-locking screw. 2,352,540; June 27.

Hannevig, Christoffer, New York, N. Y. Tires or shoes for automobiles, airplanes, and the like. 2,351,334; June 13.

Hannifin Manufacturing Company. (See Peterson, V. W., and Daley, assignors.)

Hannifin Manufacturing Company. (See Peterson, V. W., and Maha, assignors.)

Hannigan, Emmet E., La Grange, assignor to Cinch Manufacturing Corporation, Chicago, Ill. Electrical socket and contact for the same. 2,356,398; Aug. 22.

Hannigan, Maurice A., assignor of one-half to P. W. Otto, Springfield, Mass. Cigarette package. 2,346,106; Apr. 4.

Hannon, Andrew L., Los Angeles, assignor to The Garrett Corporation, Airesearch Manufacturing Company Division, Inglewood, Calif. Shutter control with pressure compensation. 2,344,207; Mar. 14.

Hannôt, Gommaris F., Rotterdam, Netherlands; vested in the Alien Property Custodian. Frost resistant microporous product. 2,351,961; June 20.

Hanny, Charles E., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Clamp for fuses, relays, etc. 2,340,746; Feb. 1.

Hanopol, Louis, Jamaica Plain, assignor to Tobe Deutschmann Corporation, Canton, Mass. Wave filter mounting. 2,346,162; Apr. 11.

Hanovia Chemical and Manufacturing Company, The. (See Kolbert, J. W., and Haegele, assignors.)

Hans, Edmund E., Detroit, Mich. Cooling of closed bodies. 2,346,576; Apr. 11.

Hanscom, Clarence D, Denville, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling circuit. 2,347,777; May 2.

Hanse, William C., Philadelphia, Pa., assignor to American Viscose Corporation, Wilmington, Del. Sizing device for winding machines. 2,361,431; Oct. 31.

Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Automatic tuning control. 2,339,851; Jan. 25.

Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Cooling of vacuum devices. 2,352,893; July 4.

Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Protective arrangement for rectifiers. 2,357,401; Sept. 5.

Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Frequency and phase modulation receiver. 2,361,625; Oct. 31.

Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. High frequency induction system. 2,364,526; Dec. 5.

Hansen, Albert, Jr., Nahant, Mass., assignor to General Electric Company. Magnet suspension. 2,340,122; Jan. 25.

Hansen, Albert, Jr., Nahant, Mass., assignor to General Electric Company. Force measurement. 2,342,141; Feb. 22.

Hansen, Albert, Jr., Nahant, Mass., assignor to General Electric Company. Magnetic suspension for horizontal shafts. 2,351,424; June 13.

Hansen, Albert, Jr., Nahant, Mass., assignor to General Electric Company. Stable gyroscope erector. 2,360,339; Oct. 17.

Hansen, Carl B., San Francisco, Calif. Rotary engine. 2,362,550; Nov. 14.

Hansen, Clarence L., assignor to Tri-Pac Gun Kit, Inc., San Francisco, Calif. Labeled container. 2,356,399; Aug. 22.

Hansen, Edwin H., Braintree, assignor to Andrews and Goodrich, Inc., Dorchester, Mass. Making ribbed rolls for slashing machines and other textile machines. 2,338,847; Jan. 11.

Hansen, Elmer K., Edgewood, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Loading apparatus. 2,365,546; Dec. 19.

Hansen, Gerhard, Jena, Germany; vested in the Alien Property Custodian. Microphotometer. 2,341,098; Feb. 8.

Hansen, Jacob P., Detroit, Mich. Holder. 2,340,660; Feb. 1.

Hansen, James M., Chicago, Ill. Filtering eggs. 2,361,028; Oct. 24.

Hansen, James R., Bremerton, Wash., assignor of two-fifths to G. Drews, Garden City, N. Y. Dividing head. 2,357,329; Sept. 5.

Hansen, John N. (See Britton, E. C., and Hansen.)

Hansen, John N. (See Smith, F. B., and Hansen, assignors.)

Hansen, Klaus L., Milwaukee, Wis. Commutation means 2,341,095; Feb. 8.

Hansen, Klaus L., Milwaukee, Wis. Commutating means. 2,349,864; May 30.

Hansen, Klaus L., Milwaukee, Wis. Commutation means and a method of commutation. 2,358,926; Sept. 26.

Hansen Mfg. Company. (See Hansen, W. L., and Hurst, assignors.)

Hansen, Marius H., assignor to Hanson Scale Company, Chicago, Ill. Spring scale. 2,340,958; Feb. 8.

Hansen, Merlin. (See McCormick, E., and Hansen.)

Hansen, Odd A. (See Bliss, L. A., and Hansen.)

Hansen, Odd A., Kenmore, assignor to The Linde Air Products Company, New York, N. Y. Method and apparatus for pumping volatile liquids with rotary elements. 2,340,747; Feb. 1.

Hansen, Odd A., Kenmore, assignor to The Linde Air Products Company, New York, N. Y. Apparatus for dispensing a liquefied gas. 2,363,960; Nov. 28.

Hansen, Richard B., Akron, Ohio. Pencil holder. 2,354,118; July 18.

Hansen, Russell E., assignor to Hudson Motor Car Company, Detroit, Mich. Stamping apparatus. 2,342,858; Feb. 29.

Hansen, Thorwald H., Avenel, N. J. Apparatus for casting concrete around piles. 2,349,961; May 30.

Hansen, Veb, Brooklyn, assignor of two-thirds to J. N Ledbetter, Jr., New York, N. Y. Wire forming method and device. 2,341,916; Feb. 15.

Hansen, William L., and I. N. Hurst, assignors to The Hansen Mfg. Co., Princeton, Ind. Brush construction for electrical rotating machinery. 2,342,936; Feb. 29.

Hansen, William L., and I. N. Hurst, assignors to Hansen Mfg. Company, Inc., Princeton, Ind. Fabricating rotors. 2,349,620; May 23.

Hansen, William O., Caracas, Venezuela. Tapping knife. 2,364,973; Dec. 12.

Hansen, William O., and M. L. Bowen, assignors to Universal Button Fastening & Button Company, Detroit, Mich. Attachment of buttons and the like. 2,362,630; Nov. 14.

Hansen, William W. (See Varian, R. H., and Hansen.)

Hansen, Wray C., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Motor vehicle. 2,355,860; Aug. 15.

Hansen's, Chr., Laboratory, Inc. (See Spur, Bernhard, assignor.)

Hansen, Eugene D., Portland, Oreg. Handle hanger package. 2,347,319; Apr. 25.

Hansford, Rowland C. (See Sachanen, A. N., and Hansford.)

Hansley, Virgil L., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Acylation of lactonitrile. 2,342,612; Feb. 22.

Hansley, Virgil L., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Acylation of lactonitrile. 2,342,613; Feb. 22.

Hansley, Virgil L., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Process for acylation. 2,355,970; Aug. 15.

Hansley, Virgil L., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Process for acylation. 2,355,971; Aug. 15.

Hansley, Virgil L., Niagara Falls, and A. O. Rogers, Lewiston, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Drying compositions 2,361,027; Oct. 24.

Hanson, Abraham G., Monrovia, Calif. Bolt-holding attachment for pliers. 2,356,400; Aug. 22.

Hanson, Alden W., assignor to The Dow Chemical Company, Midland, Mich. Treatment of vinylidene chloride. 2,340,834; Feb. 1.

Hanson, Alden W., assignor to The Dow Chemical Company, Midland, Mich. Making simulated woven fabric. 2,351,039; June 13.

Hanson, Alden W., assignor to The Dow Chemical Company, Midland, Mich. Fabricating crystalline polymers. 2,361,371; Oct. 31.

Hanson, Alden W., assignor to The Dow Chemical Company, Midland, Mich. Machine for making plastic helicoidal structures. 2,365,952; Dec. 26.

Hanson, Benjamin R., Dayton, Ohio, assignor to The Sherwin-Williams Company. Coated fabric and application. 2,355,157; Aug. 8.

Hanson, C. H., Company, The. (See Hanson, Henry J., assignor.)

Hanson, C. H., Company, The. (See Johnson, Helge S., assignor.)

Hanson, David H., Erie, Pa., assignor to General Electric Company. Lock washer. 2,363,319; Nov. 21.

Hanson, Elmo E., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Nonstatic tire. 2,339,546; Jan. 18.

Hanson Fish Products Company. (See Parker, Frank E., assignor.)

Hanson, Frank E., assignor of one-half to C. B. Jones, and one-half to J. H. Richa, Kansas City, Mo. Garment finishing machine. 2,342,937; Feb. 29.

Hanson, Frederick E., Westfield, R. K. Smith, Newark, and J. H. Sulzer, Westfield, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Switching system. 2,348,680; May 9.

Hanson, Gerald N., Allendale, N. J., F. W. Morgenthaler, Brooklyn, and E. M. Roeder, Merrick, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Temperature compensated barometric controller. 2,358,803; Sept. 26.

Hanson, Henry J., assignor to The C. H. Hanson Company, Chicago, Ill. Identification badge. 2,341,773; Feb 15.

Hanson, Joseph B. (See Boe, S., and Hanson.)

Hanson, Lars, assignor to Carrier Corporation, Syracuse, N. Y. Fluid routing. 2,351,425; June 13.

Hanson, Milton E., Haddonfield, N. J., assignor to B. F. Sturtevant Company, Boston, Mass. Thermostatically controlled engine fan cooling system. 2,351,203; June 13.

Hanson, Ralph W., Minneapolis, assignor to Vulcan Manufacturing Co., Inc., St. Paul, Minn. Cleaning and re oiling device for air cleaners. 2,355,725; Aug. 15.

Hanson, Saml., & Son Limited. (See Bogner, Peter, assignor.)

Hanson Scale Company. (See Hansen, Marius H., assignor.)

Hanson-Van Winkle-Munning Company. (See Hogaboom, George E., assignor.)

Hanson, Victor F., Youngstown, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Location of faults in electrolytic cell systems. 2,347,408; Apr. 25.

Hanson, Walter C., Berkeley, Calif. Bearing. 2,364,290; Dec. 5.

Hanson, Walter J., Port Chester, N. Y., assignor to Pitney-Bowes Postage Meter Co., Stamford, Conn. Printing press. 2,344,609; Mar. 21.

Hanson, Walter J., Port Chester, N. Y., and F. W. Heyel, East Port Chester, assignors to Pitney-Bowes Postage Meter Co., Stamford, Conn. Register setting device. 2,339,852; Jan. 25.

Hanson, Wesley T., Jr. (See Evans, R. M., and Hanson.)

Hanson, Wesley T., Jr., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic developers containing acylamino groups. 2,350,109; May 30.

Hanson, Wesley T., Jr., and R. M. Evans, assignors to Eastman Kodak Company, Rochester, N. Y. Masking. 2,360,225; Oct. 10.

Hanson, Arthur D., Shrewsbury, N. J. Braking device for airplanes. 2,346,255; Apr. 11.

Hansson, Bror. (See Trapp, C. A., and Hansson.)

Hanville, Scott H., Jr. (See Harding, W. R., and Hanville.)

Hanwell, Cedric H. (See Steinle, L. C., and Hanwell.)

Hapman, Henry W., Detroit, Mich. Conveyer propelling device. 2,357,651; Sept. 5.

Hapman, Henry W., Detroit, Mich. Flight conveyer. 2,357,796; Sept. 12.

Happel, John, Brooklyn, N. Y., assignor to Socony-Vacuum Oil Company, Incorporated. Regeneration of gasoline treating reagents. 2,366,104; Dec. 26.

Harber, Laurence S. (See Craig, R., and Harber.)

Harber, Laurence S., assignor to Baker Perkins Limited, Peterborough, England. Manufacture of bread. 2,342,270; Feb. 22.

Harber, Laurence S., assignor to Baker Perkins Limited, Peterborough, England. Manufacture of tin bread. 2,349,423; May 23.

Harbers, Henry C., San Gabriel, assignor to C. B. Equipment Co., Los Angeles, Calif. Six wheel motor vehicle. 2,347,409; Apr. 25.

Harbers, Henry C., and H. F. Cook, assignors to Cook Bros., Los Angeles, Calif. Motor vehicle. 2,363,178; Nov. 21.

Harbert, Carl J., Shaker Heights, assignor to The Harshaw Chemical Company, Elyria, Ohio. Ceramic pigment. 2,347,630; Apr. 25.

Harbert, Carl J., Shaker Heights, and R. F. Morrison, assignors to The Harshaw Chemical Company, Elyria, Ohio. Glass enamel composition. 2,356,316; Aug. 22.

Harbert, Carl J., Shaker Heights, and R. F. Morrison, assignors to The Harshaw Chemical Company, Elyria, Ohio. Glass enamel composition. 2,356,317; Aug. 22.

Harbison, Dixon T. (See Fischer, C. A., Harbison, and Mercer.)

Harbison-Walker Refractories Company. (See Harvey, F. A., and Birch, assignors.)

Harbison-Walker Refractories Company. (See Pike, Robert D., assignor.)

Harbison-Walker Refractories Company. (See Rowe, Andrew R., assignor.)

Harbor Plywood Corporation. (See Birmingham, Donald G., assignor.)

Harbough, Clifford M., et al. (See Selby, Dwight E., assignor.)

Harcourt, Guy N., and C. O. Lavett, assignors to Buffalo Foundry & Machine Co., Buffalo, N. Y. Method and apparatus for removing a continuous film of material from the surface of drying drums. 2,352,195; June 27.

Harden, George N., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Automobile door handle. 2,340,186; Jan. 25.

Hardenberg, Jan J. (See Schoonenberg, P., Hardenberg, and Dippel.)

Harder, Ernest H. (See Grebe, J. J., and Harder.)

Harder, Ernest H., assignor to The Dow Chemical Company, Midland, Mich. Treatment of crystalline vinylidene chloride polymers. 2,344,511; Mar. 21.

Harder, Oscar E., and J. T. Gow, Columbus, Ohio, assignors, by mesne assignments, to Pangborn Corporation, Hagerstown, Md. Abrasion resistant articles and alloys. 2,355,726; Aug. 15.

Harder, Robert H., Chicago, Ill. Gauntlet for handle bar grips. 2,344,545; Mar. 21.

Hardgrove, Ralph M., Westfield, assignor to The Babcock & Wilcox Company, Newark, N. J. Distributor. 2,364,633; Dec. 12.

Hardin, Don E., Chicago, Ill. Bottled case. 2,339,474; Jan. 18.

Harding, Clarke T. (See Rupp, W. H., and Harding.)

Harding, Ernist J., Portland, Oreg. Depth gauge, countersink, and drill. 2,344,143; Mar. 14.

Harding, John, Jr., Shaker Heights, Ohio. Aeronautical fuel control valve. 2,350,352; June 6.

Harding, Robert J. (See Van Hoose, N., and Harding.)

Harding, Robert L. (See Mott, C., Chouinard, and Harding.)

Harding, Watson G., Radburn, N. J., assignor to United States Rubber Company, New York, N. Y. Making corrugated tubes. 2,347,101; Apr. 18.

Harding, William R., Murrysville, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Temperature-compensated dynamoelectric machine. 2,354,119; July 18.

Harding, William R., Murrysville, Pa., and S. H. Hanville, Jr., Huron, Ohio, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Series variable speed drive. 2,363,320; Nov. 21.

Harding, William R., Export, Pa., and S. H. Hanville, Jr., Huron, Ohio, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Motor control system. 2,363,321; Nov. 21.

Hardinge Brothers, Inc. (See Evans, Leigh R., assignor.)

Hardman, Albert F., assignor to Wingfoot Corporation, Akron, Ohio. Producing the sodium hydroxylate of an aryl aldehyde. 2,343,111; Feb. 29.

Hardman, Albert F., assignor to Wingfoot Corporation Akron, Ohio. Treating 2-hydroxy-1-dithionaphthoic acid and product resulting therefrom. 2,355,972; Aug. 15.

Hardman, French B., Ashtabula, Ohio. Lawn weeder. 2,349,621; May 23.

Hardman, Herbert V., Belleville, and K. V. Hardman, Clifton, N. J. Making depolymerized rubber articles. 2,349,549; May 23.

Hardman, Kenneth V. (See Hardman, Herbert V. and K. V.)

Hardware, Walter, Peterborough, England. Internal gauge for bores. 2,363,587; Nov. 28.

Hardwick, Pierre M., Altadena, Calif. Swivel coupling. 2,338,716; Jan. 11.

Hardy, Charles J., Jr., Harrison, N. Y. Armor plating. 2,348,130; May 2.

Hardy, David W. H. (See Paley, R. H. A., and Hardy.)

Hardy, Frank H., Andover, Mass. Dabbing brush. 2,352,431; June 27.

Hardy, George E., Jr., assignor to Simonds Saw and Steel Company, Fitchburg, Mass. Cutting rule. 2,361,288; Oct. 24.

Hardy, Hubert L., assignor to Western Shade Cloth Company, Chicago, Ill. Black-out window shade. 2,338,378; Jan. 4.

Hardy, John C., North Hollywood, Calif. Torpedo shield for ships. 2,342,194; Feb. 22.

Hardy, John L., Birmingham, England, assignor to Spicer Manufacturing Corporation, Toledo, Ohio. Motor vehicle. 2,345,972; Apr. 4.

Hardy Metal Specialties Inc. (See De Pasquale, J., and Westerman.)

Hardy Metallurgical Company. (See Cremer, George D. assignor.)

Hare, Donald G. C., Roslyn, assignor, by mesne assignments, to The Texas Company, New York, N. Y. Method and apparatus for measuring thickness. Re. 22,531; Aug. 22.

Hare, Donald G. C., Houston, Tex., assignor to Texaco Development Corporation, New York, N. Y. Subsurface prospecting. 2,345,119; Mar. 28.

Hare, Donald G. C., Houston, Tex., assignor, by mesne assignments, to The Texas Company, New York, N. Y. Method and apparatus for measuring thickness. 2,346,486; Apr. 11.

Hare, Donald G. C., Houston, Tex., assignor, by mesne assignments, to The Texas Company, New York, N. Y. Method and apparatus for determining liquid level. 2,348,810; May 16.

Hare, Donald G. C., Houston, Tex., assignor, by mesne assignments, to The Texas Company, New York, N. Y. Signaling device for gun perforators. 2,349,041; May 16.

Haren, Urban C., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Apparatus for assembling sheet material. 2,354,120; July 18.

Haren, Urban C., Akron, and J. P. Sapp, Kent, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Apparatus for making laminated strips. 2,345,195; Mar. 28.

Haren, Urban C., and V. H. Hasselquist, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Tire building apparatus. 2,365,341; Dec. 19.

Harford, Charles G., Quincy, Mass., assignor to A. D. Little, Inc. Electrolytic deposition of metal. 2,355,070; Aug. 8.

Hargett, Jay E., et al. (See Baxter, George, assignor.)

Hargreaves, Edward G., et al., executors. (See Hargreaves, E. S., and Steward.)

Hargreaves, Edward S., deceased, Rainhill, by E. G. Hargreaves, St. Helens, and H. J. Dunkerley, Crookham, executors, and H. M. Steward, Liverpool, assignors to British Insulated Cables Limited, Prescot, England. Apparatus for marking the surface of electric cables or similar articles. 2,344,610; Mar. 21.

Hargreaves, John F., assignor to The Faultless Manufacturing Company, Baltimore, Md. Garment supporting band. 2,343,374; Mar. 7.

Hargreaves, Robert. (See Haggerty, E., Roy, and Hargreaves.)

Harker, David, Alplaus, N. Y., assignor to General Electric Company. Electrical discharge device. 2,362,816; Nov. 14.

Harkins, Henry H., North Providence, R. I., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Adhesive composition. 2,343,551; Mar. 7.

Harkins, Henry H., North Providence, R. I., assignor to United States Rubber Company, New York, N. Y. Covering material for textile drawing and feeding rolls. 2,353,462; July 11.

Harkness, Roy W. (See Bates, J. R., and Harkness.)

Harlan, John L., Houston, Tex., assignor to Standard Oil Development Company. Handling petroleum emulsions. 2,354,093; Aug. 1.

Harless, Reginald F., Ossining, N. Y. Internal combustion engine. 2,344,865; Mar. 21.

Harless, Roy G., Gillette, assignor of one-half to J. W. Baker, Sheridan, Wyo. Toy stick horse. 2,351,510; June 13.

Harlett, Arthur M., Tiffin, Ohio. Suction cleaner. 2,343,056; Feb. 29.

Harley, Clifford B., Herne Hill, London, assignor of one-half to Robert Powley & Sons Limited, Sunderland, England. Apparatus for sterilizing the interiors of empty vessels. 2,352,787; July 4.

Harley, Conrad. (See O'Haré, G. W., and Harley.)

Harley, Earle L., Brooklyn, assignor to H. H. Heinrich, Inc., New York, N. Y. Inking mechanism for printing presses. 2,359,640; Oct. 3.

Harley, Joseph J., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Constricting tool. 2,342,397; Feb. 22.

Harley, Stanley J., and J. E. Wainwright, Coventry, England. Producing relief in screw threads. 2,357,192; Aug. 29.

Harley, Stanley J., Coventry, and J. E. Wainwright, Hunningham, England. Crush-forming operation on grinding wheels. 2,360,127; Oct. 10.

Harlin, Varney S., Wheatland, Okla. Spinning line cathead. 2,355,861; Aug. 11.

Harlow, Orman M., Anaheim, assignor to Brogdex Company, Pomona, Calif. Apparatus for sampling plant products. 2,359,641; Oct. 3.

Harlow, Roy E., Chicago, Ill., assignor to The Union Switch and Signal Company, Swissvale, Pa. Track indication system. 2,345,473; Mar. 28.

Harlow, Walter F., Quarndon, assignor to International Combustion Limited, London, England. Apparatus for grading powdered material. 2,354,311; July 25.

Harlow, Walter F., Quarndon, assignor to International Combustion Limited, London, England. Apparatus for grading powdered material. 2,354,312; July 25.

Harlow, Winton G., Upper Darby, Pa., assignor to General Electric Company. Switchgear. 2,364,974; Dec. 12.

Harman, Burl E., Henryetta, Okla. Collapsible tube. 2,353,463; July 11.

Harman, Cameron G., Urbana, Ill. Ceramic mix and preparing the same. 2,338,717; Jan. 11.

Harman, Emil I., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Television apparatus. 2,350,889; June 6.

Harman, Ervin G., Elkins, W. Va. Fish lure. 2,360,563; Oct. 17.

Harman, Frank B., Grand Rapids, Mich. Posture chair. 2,338,511; Jan. 4.

Harman, Gerald J., and H. C. Kleppe, Los Angeles, Calif.; said Kleppe assignor to said Harman. Apparatus for loading and transporting barrels and dispensing liquids therefrom. 2,345,669; Apr. 4.

Harman, Leonard F., Osborn, Ohio, and O. H. Snyder, San Diego, Calif. Airplane fuel system. 2,356,786; Aug. 29.

Harman, Marion W., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Vulcanising rubber and product obtained thereby. 2,340,661; Feb. 1.

Harman, William H., Jr., Ardmore, Pa., assignor to The Baldwin Locomotive Works. Electrical strain responsive apparatus. 2,360,493; Oct. 17.

Harmer, Wilfred. (See Mann, R. J., Martin, and Harmer.)

Harmon, Benjamin G., assignor to The Gas Machinery Company, Cleveland, Ohio. Rotary nosing-in furnace. 2,355,527; Aug. 8.

Harmon, Jesse, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Phenol-rubber containing composition. 2,345,597; Apr. 4.

Harmon, Kenneth A., Longmeadow, assignor to Wico Electric Company, West Springfield, Mass. Magneto. 2,364,140; Dec. 5.

Harmon, Kenneth A., and S. K. Smart, Longmeadow, assignors to Wico Electric Company, West Springfield, Mass. Magneto. 2,352,894; July 4.

Harmon, Luther R., Chicago, Ill., assignor of thirty-seven and one-half per cent to F. Burt, thirty-seven and one-half per cent to W. D. Lloyd, and twenty-five per cent to Patterson Manufacturing Company. Flasher switch. 2,354,635; July 25.

Harmon, Percy A., Scottsburg, Ind. Watchmaker's tool. 2,343,057; Feb. 29.

Harmon, Ralph N., Baltimore, Md., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Telephone transmitter circuit. 2,338,512; Jan. 4.

Harmon, Ralph N., and F. W. Fischer, Baltimore, Md., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Feedback amplifier. 2,361,198; Oct. 24.

Harmon, Ulrich L., Oak Park, assignor to Dryden Rubber Company, Chicago, Ill. Scaling strip and making same. 2,357,513; Sept. 5.

Harmond, Jesse E., Leland, Miss., assignor to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Baler. 2,339,394; Jan. 18.

Harms, Viggo, The Hague, Netherlands; vested in the Alien Property Custodian. Sedimentation apparatus. 2,344,355; Mar. 14.

Harnett, A. De Vere, Racine, Wis. Method and apparatus for mixing liquids. 2,343,454; Mar. 7.

Harnischfeger Corporation. (See Burdick, W. S., and Jacobs, assignors.)

Harnischfeger Corporation. (See Hale, John D., assignor.)

Harnischfeger Corporation. (See Huennekens, A. V., and Gavin, assignors.)

Harnischfeger Corporation. (See Jacobs, H. S., and Burdick, assignors.)

Harnsberger, Audley E., Winnetka, assignor to The Pure Oil Company, Chicago, Ill. Regeneration of spent treating solutions. 2,354,974; Aug. 1.

Harp, Dallas S., assignor to Wingfoot Corporation, Akron, Ohio. Hydraulic brake automatic adjuster. 2,345,811; Apr. 4.

Harp, Edward J., et al. (See Frost, Roy H., assignor.)

Harper, Arthur C., Jr., Brecksville, Ohio, assignor to The American Steel and Wire Company of New Jersey. Device for stretching metallic strip material. 2,348,539; May 9.

Harper, Elwood, Dayton, Ohio. Propeller spinner. 2,346,680; Apr. 18.

Harper, Ernest E., Chicago, Ill., assignor to Radio Corporation of America. Electronic synchronization system. 2,352,541; June 27.

Harper, George W., Cleveland, Ohio, assignor, by mesne assignments, to The Timken-Detroit Axle Company, Detroit, Mich. Speedometer drive. 2,346,681; Apr. 18.

Harper, Henry R. (See Quarfoot, H. B., and Harper.)

Harper, John W., Highlands North, Johannesburg, Transvaal, Union of South Africa. Safety pin. 2,353,560; July 11.

Harper, Juanita C. (See Graham, Calvin P., assignor.)

Harper, Kennard W. (See Estey, R. S., Peck, and Harper.)

Harper, Kennard W. (See Osterberg, H., and Harper.)

Harper, Kennard W., East Aurora, assignor to Spencer Lens Company, Buffalo, N. Y. Optical instrument. 2,349,424; May 23.

Harper, Lyndus E., assignor to Omega Machine Company, Kansas City, Mo. Positive displacement pump. 2,346,964; Apr. 18.

Harper, Lyndus E., assignor to Omega Machine Company, Kansas City, Mo. Self-closing valve. 2,355,862; Aug. 15.

Harper, William D., Wellesley, Mass. Vehicle body support. 2,355,528; Aug. 8.

Harper, William D., Wellesley, Mass. Supporting means for vehicle bodies and other structures. 2,359,036; Sept. 26.

Harpham, Walter J., Hartford, N. J., assignor to L. Nachman & Sons, Philadelphia, Pa. Making fabric and dress ornamentation, and the product thereof. 2,343,614; Mar. 7.

Harpoothian, Edward, West Los Angeles, assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Lock nut. 2,340,589; Feb. 1.
Harr, Jesse. (See Fishbein, Fred.)
Harrah, John L., Akron, Ohio. Piston for internal-combustion engines. 2,361,095; Oct. 24.
Harred, George H., East Greenwich, R. I., assignor to Boston Wire Stitcher Company, Portland, Maine. Wire-stitching machine. 2,357,736; Sept. 5.
Harred, George H., East Greenwich, R. I., assignor to Boston Wire Stitcher Company, Portland, Maine. Stapling implement. 2,357,737; Sept. 5.
Harrel, Chastain G. (See Brown, R. O., and Harrel.)
Harries, George H., assignor to Bally Ribbon Mills, Inc., Bally, Pa. Gauge. 2,344,866; Mar. 21.
Harriman, William R., Hondo, Calif. Nozzle. 2,345,813; Apr. 4.
Harriman, William R., and H. Foster, Hondo, Calif. Nozzle. 2,345,812; Apr. 4.
Harrington, Arthur P., Schenectady, assignor to American Locomotive Company, New York, N. Y. Journal box structure. 2,361,289; Oct. 24.
Harrington, Bertie S., assignor to Armour and Company, Chicago, Ill. Carton. 2,349,589; May 23.
Harrington, Carlos E. (See Hofheins, R. W., Harrington, Thomas, and Duboscland.)
Harrington, Ferris T., assignor to Vickers Incorporated, Detroit, Mich. Power transmission. 2,345,973; Apr. 4.
Harrington, Ferris T., assignor to Vickers Incorporated, Detroit, Mich. Power transmission. 2,345,974; Apr. 4.
Harrington, Ferris T., L. R. Twyman, and J. Robinson, assignors to Vickers Incorporated, Detroit, Mich. Power transmission. 2,347,261; Apr. 25.
Harrington, Ferris T., R. C. Griffith, Detroit, Mich., and R. A. Shartle, Rockford, Ill., assignors to Vickers Incorporated, Detroit, Mich. Power transmission. 2,351,263; June 13.
Harrington, Ferris T., and J. Robinson, assignors to Vickers Incorporated, Detroit, Mich. Power transmission. 2,351,264; June 13.
Harrington, Ferris T., and R. C. Griffith, assignors to Vickers Incorporated, Detroit, Mich. Power transmission. 2,357,107; Aug. 29.
Harrington, Ferris T., and J. Robinson, assignors to Vickers, Incorporated, Detroit, Mich. Hydraulic winding machine. 2,357,821; Sept. 12.
Harrington, Ferris T., Detroit, K. Seidel, Grosse Pointe Farms, Mich., and R. A. Shartle, Rockford, Ill., assignors to Vickers Incorporated, Detroit, Mich. Power transmission. 2,363,179; Nov. 21.
Harrington, James R., Mansfield, assignor to The Autocall Company, Shelby, Ohio. Supervisory control system. 2,363,061; Nov. 21.
Harrington, John A., assignor to Continental Machines, Incorporated, Minneapolis, Minn. Surface grinder and automatic control means therefor. 2,350,229; May 30.
Harrington, Michael F., Buffalo, N. Y. Surgical cast cutter. 2,352,432; June 27.
Harrington, Noel F., Los Angeles, Calif. Ankle joint for artificial limbs. 2,357,893; Sept. 12.
Harrington & Richardson Arms Company. (See Janacek, C. F., and Chapman, assignors.)
Harrington & Richardson Arms Company. (See Smith, John R., assignor.)
Harrington, Valentine F., Newton, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Masking apparatus. 2,341,715; Feb. 15.
Harris, Alexander, Scobeyville, N. J., assignor to Art Metal Works, Inc. Storage receptacle. 2,352,319; June 27.
Harris, Alfred S., Cleveland Heights, assignor to Harris-Seybold-Potter Company, Cleveland, Ohio. Perfecting printing press. 2,360,340; Oct. 17.
Harris, Arch W., Cleveland, Ohio, assignor to The American Steel and Wire Company of New Jersey. Lapping tool. 2,340,380; Feb. 1.
Harris, Arch W., Cleveland, Ohio, and W. M. Henry, Monongahela, Pa., assignors to The American Steel and Wire Company of New Jersey. Immersion means. 2,354,459; July 25.
Harris, Benjamin R., Chicago, Ill. Treatment of liquid egg material. 2,346,682; Apr. 18.
Harris, Carl A. (See Archibald, F. M., and Harris.)
Harris, Carl C., assignor to Rivet-O Manufacturing Co., Orange, Mass. Hand-supported liquid dispensing pad. 2,356,722; Aug. 22.
Harris, Charles H., San Luis Potosi, Mexico, assignor to American Smelting and Refining Company, New York, N. Y. Wind box for sintering machines. 2,348,294; May 9.
Harris, Clifford G., Binghamton, N. Y. Bakery flavoring product and making same. 2,357,258; Aug. 29.
Harris, Clinton H., Ann Arbor, Mich., assignor to Argus, Incorporated. Focusing objective mount. 2,357,326; Sept. 5.
Harris, Clinton H., Ann Arbor, Mich., assignor to Argus, Incorporated. Film winding mechanism. 2,357,328; Sept. 5.
Harris, Clinton H., Ann Arbor, Mich., assignor to Argus, Incorporated. Exposure counter. 2,358,327; Sept. 19.
Harris, Clinton H., and J. N. Graef, Ann Arbor, Mich., assignors to Argus, Incorporated. Focusing objective mount. 2,357,327; Sept. 5.
Harris, Clinton H., and J. N. Graef, Ann Arbor, Mich., assignors to Argus, Incorporated. Portable projector assembly. 2,361,398; Oct. 31.
Harris, Ford W., assignor to Patco, Inc., Los Angeles, Calif. Apparatus for expanding drill pipe protectors. 2,346,301; Apr. 11.
Harris Foundry & Machine Company. (See Pryor, W. A., and Harris, assignors.)
Harris, Frank C., Bay Village, Ohio, assignor to The American MonoRail Company, Cleveland, Ohio. Crossover for crane bridges. 2,355,863; Aug. 15.
Harris, Frederic R., New York, N. Y. Graving drydock and construction. 2,338,110; Jan. 4.
Harris, Frederic R., New York, N. Y. Apparatus and method for constructing graving drydocks. 2,338,111; Jan. 4.
Harris, Frederic R., New York, N. Y. Barge. 2,355,973; Aug. 15.
Harris, Harry H., Palo Alto, assignor to Enterprise Engine & Foundry Company, San Francisco, Calif. Vertical hammermill discharge. 2,344,611; Mar. 21.
Harris, Herbert W., Racine, Wis. Game. 2,364,141; Dec. 5.
Harris, Hermann R. (See East, J., Shelton, and Harris.)
Harris, Irene, et al. (See Briggs, Ernest B., assignor.)
Harris, John C., Virginia Beach, assignor of one-half to B. L. Beem, Norfolk, Va. Life saving garment. 2,359,843; Oct. 10.
Harris, John C., Virginia Beach, assignor of one-half to M. Garrett, Norfolk, Va. Life saving garment. 2,359,844; Oct. 10.
Harris, John D., Larchmont, assignor to Thomas French & Sons, Ltd., New York, N. Y. Take-off mechanism for looms. 2,336,638; Jan. 4.
Harris, John J., Chicago, Ill. Adhesive and making the same. 2,366,873; Dec. 26.
Harris, John L., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Damper. 2,341,038; Feb. 8.
Harris, John L., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Time mechanism. 2,341,774; Feb. 15.
Harris, John L., Milwaukee, Wis., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Flow control valve. 2,362,631; Nov. 14.
Harris, John M., Jr., Springfield Township, Montgomery County, Pa., assignor, by mesne assignments, to Allied Chemical & Dye Corporation. Carrying out fusion reactions. 2,353,237; July 11.
Harris, Marcus R., Indianapolis, Ind., assignor to General Motors Corporation, Detroit, Mich. Welding machine. 2,354,313; July 25.
Harris Products Company. (See Storch, Harold A., assignor.)
Harris, Richard W., and G. Dearsley, Deptford, London, assignors to Molines Machine Company Limited, London, England. Apparatus for feeding tapered articles. 2,355,158; Aug. 8.
Harris, Roy E., San Jose, Calif. Filter press and control mechanism therefor. 2,346,375; Apr. 11.
Harris, Samuel B., Cristobal, C. Z. Food product. 2,353,333; July 11.
Harris, Samuel J. (See Rolph, T. W., and Harris.)
Harris-Seybold-Potter Company. (See Harris, Alfred S., assignor.)
Harris-Seybold-Potter Company. (See Spiller, William R., assignor.)
Harris-Seybold-Potter Company. (See Spiller, W. R., and Haunty, assignors.)
Harris-Seybold-Potter Company. (See Wood, William H., assignor.)
Harris, Sidney E., Coral Gables, Fla., and W. Braker, Brooklyn, assignors to E. R. Squibb & Sons, New York, N. Y. Esters of sulphur-containing benzoic acids and preparing them. 2,342,142; Feb. 22.
Harris, Stanton A., Westfield, N. J., and E. T. Stiller, New York, N. Y., assignors to Merck & Co., Inc., Rahway, N. J. Acylated derivative of vitamin B_6 and preparing the same. 2,349,267; May 23.
Harris, Sydney P. (See Purves, W. F., and Harris.)
Harris, Thaddeus S., Waverly, Ill. Electric fence control unit. 2,346,965; Apr. 18.
Harris, Thomas R. (See Pryor, W. A., and Harris.)
Harris & Tyler Limited. (See Tyler, Ivor C., assignor.)
Harris, Waldo, Lima, Peru. Supporting stand. 2,351,679; June 20.
Harris, Walter. (See Gerrard, W., and Harris.)
Harris, Walter S., Wilmslow, assignor of one-half to E. Griffiths Hughes Limited, Adelphi, Salford Lancashire, England. Container. 2,349,962; May 30.
Harris, Warren W. (See Rickus, G. M., Hoffman, Carpenter, and Harris.)
Harris, Watt E., Houston, Tex. Ceramic bubble cap. 2,351,855; June 20.
Harrison, Clement P., Mill Hill, London, and C. W. Saunders, Bramley, assignors to The General Electric Company Limited, Kingsway, London, England. Means for saving life. 2,364,787; Dec. 12.
Harrison, Elmer P., and O. A. Hunt, Oklahoma City, Okla.; said Hunt assignor to said Harrison. Mangle. 2,364,634; Dec. 12.
Harrison, Frank, Braintree, England. Sound reproducing and receiving device. 2,346,429; Apr. 11.

Harrison, George, Batavia, assignor to Doehler Die Casting Company, New York, N. Y. Rod-handling machinery. 2,361,962; June 20.
Harrison, Henry C., Port Washington, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Switching mechanism. 2,347,738; May 2.
Harrison, Henry C., Port Washington, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Switching mechanism. 2,362,551; Nov. 14.
Harrison, Horace E., East Brunswick Township, Middlesex County, N. J., assignor to Anheuser-Busch, Incorporated, St. Louis, Mo. Culture of yeast. 2,359,521; Oct. 3.
Harrison, Jack B. (See Charlton, W., Harrison, and Waters.)
Harrison, John W., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Thermostat. 2,340,056; Jan. 25.
Harrison, Laurence S., Bronxville, assignor to International Business Machines Corporation, New York, N. Y. Attendance recorder. 2,338,180; Jan. 4.
Harrison, Laurence S., Bronxville, assignor to International Business Machines Corporation, New York, N. Y. Attendance recorder punch. 2,340,748; Feb. 1.
Harrison, Raymond B., assignor to Beckwith Manufacturing Company, Dover, N. H. Reinforced insole and making the same. 2,361,941; Nov. 7.
Harrison, Robert R. (See White, J. W., and Harrison.)
Harrison, Thomas R., Wyncote, assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring and control apparatus. 2,349,963; May 30.
Harrison, Thomas R., Wyncote, assignor to The Brown Instrument Company, Philadelphia, Pa. Radiation pyrometer. 2,357,193; Aug. 29.
Harrison, Ward, Shaker Heights, Ohio, assignor to General Electric Company. Circular electric lamp. 2,339,166; Jan. 11.
Harrison, William H., Wilmette, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Producing and storing sauerkraut. 2,345,814; Apr. 4.
Harrison, William H., Los Angeles, Calif. Apparatus for producing stereoscopic pictures in color. 2,360,322; Oct. 17.
Harriss, Lloyd J., Kenilworth, and B. Lambers, Oak Park, Ill.; said Lambers assignor to said Harriss. Apparatus for making pies. 2,345,045; Mar. 28.
Harriss, Lloyd J., Kenilworth, and B. Lambers, Oak Park, Ill.; said Lambers assignor to said Harriss. Baking utensil. 2,346,839; Apr. 18.
Harriss, Lloyd J., Kenilworth, and B. Lambers, Oak Park, Ill.; said Lambers assignor to said Harriss. Apparatus for making pies. 2,365,699; Dec. 26.
Harroun, Byron A., Henderson, Tex. Oil saver and rod stripper. 2,345,815; Apr. 4.
Harry, Robert J., assignor to The Alliance Machine Company, Alliance, Ohio. Turnover device. 2,338,285; Jan. 4.
Harsh, Harold C. (See Duerr, H. H., Morreall, and Harsh.)
Harshaw Chemical Company, The. (See Harbert, Carl J., assignor.)
Harshaw Chemical Company, The. (See Harbert, C. J., and Morrison, assignors.)
Harshaw Chemical Company, The. (See Hay, John O., assignor.)
Harshberger, Norman P., Old Greenwich, Conn., assignor to Carbide and Carbon Chemicals Corporation, New York, N. Y. Surface covering material and making the same. 2,359,845; Oct. 10.
Harshberger, Russell P., Altadena, Calif. Razor. 2,362,998; Nov. 21.
Harsted, Harry H., assignor to Gephart Manufacturing Co., Chicago, Ill. Antenna. 2,354,314; July 25.
Hart-Carter Company. (See Bosma, Alfred S., assignor.)
Hart-Carter Company. (See Holtzman, William A., assignor.)
Hart-Carter Company. (See Johnson, L., and Rieman, assignors.)
Hart, Don R., near Worthington, Ind. Loading machine. 2,365,635; Dec. 19.
Hart, Edwin J., Cedar Grove, N. J., assignor to United States Rubber Company, New York, N. Y. Anti-flex-cracking agents. 2,356,929; Aug. 29.
Hart, Edwin J., Cedar Grove, N. J., and R. T. Armstrong, assignors to United States Rubber Company, New York, N. Y. Treatment of rubber. 2,361,543; Oct. 31.
Hart, Fred Y., Lynn, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Sole-laying machine. 2,338,764; Jan. 11.
Hart, Joseph J., et al. (See Hart, Joseph J., assignor.)
Hart, Joseph J., assignor to J. J. Hart and M. Gollonder, New York, N. Y., a copartnership doing business as Albumatic Company. Phonograph record ejecting holder. 2,352,710; July 4.
Hart, Merida L., Chickasha, Okla., assignor to Lane-Wells Company, Los Angeles, Calif. Bridging plug device. 2,345,872; Apr. 4.
Hart, Merida L., Chickasha, Okla., assignor to Lane-Wells Company, Los Angeles, Calif. Bridging plug. 2,345,873; Apr. 4.
Hart, Nimrod F., Portsmouth, Va. Combination furniture. 2,348,472; May 9.
Hart, Norman, Sutton, England. Curved structure. 2,351,121; June 13.
Hart, Roy R., San Jose, Calif. Handle retaining fixture. 2,348,902; May 16.
Hart, Roy R., San Jose, Calif. Pruning shears. 2,348,903; May 16.
Hart, Walter L., Milwaukee, Wis. Rotary pump. 2,363,961; Nov. 28.
Hartbauer, August W. L., Chicago, Ill. Gasket construction. 2,363,524; Nov. 28.
Harter, Isaac. (See Schlumbohm, Peter, assignor.)
Harter, Noah S., Waukegan, Ill., assignor to The American Steel and Wire Company of New Jersey. Wire fabric loom. 2,355,159; Aug. 8.
Harter, Noah S., Waukegan, Ill., assignor to The American Steel and Wire Company, of New Jersey. Portable mat. 2,360,674; Oct. 17.
Harter, Noah S., Waukegan, Ill., assignor to The American Steel and Wire Company of New Jersey. Hardware and screen cloth machine. 2,363,415; Nov. 21.
Harter, Robert L., assignor to Trabon Engineering Corporation, Cleveland, Ohio. Hydraulic operator. 2,355,434; Aug. 8.
Harter, Shellman S. (See Oehler, A. W., Adams, and Harter.)
Hartford-Empire Company. (See Barker, William T., Jr., assignor.)
Hartford-Empire Company. (See Berthold, Walter K., assignor.)
Hartford-Empire Company. (See Green, Thomas D., assignor.)
Hartford-Empire Company. (See Koob, Bernard H., assignor.)
Hartford-Empire Company. (See Mongan, Charles E., Jr., assignor.)
Hartford-Empire Company. (See Mylchreest, George D., assignor.)
Hartford-Empire Company. (See Schaefer, Reinhold A., assignor.)
Hartford-Empire Company. (See Smith, Algy J., assignor.)
Hartford-Empire Company. (See Waugh, Thomas, assignor.)
Hartford National Bank and Trust Company, trustee. (See De Boer, J. H., Verwey, and Van Bruggen, assignors.)
Hartford National Bank and Trust Company. (See de Graff, Jacob E., assignor.)
Hartford National Bank and Trust Company, trustee. (See Horowitz, A., and van Dam, assignors.)
Hartford National Bank and Trust Company, The, trustee. (See Jeans, Arthur F., assignor.)
Hartford National Bank and Trust Company. (See Schoonenberg, P., Hardenberg, and Dippel, assignors.)
Hartford National Bank & Trust Company, The, trustee. (See Sipman, Lambertus C., assignor.)
Hartford National Bank and Trust Company, The, trustee. (See Stephen, Ronald A., assignor.)
Hartford National Bank and Trust Company, trustee. (See van der Heem, Jan, assignor.)
Hartford National Bank and Trust Company, trustee. (See Van Gessel, Karel, assignor.)
Hartford National Bank and Trust Company. (See Van Lieshout, Loisius J. A., assignor.)
Harth, Phillip E., Clayton, Mo. Recovery of pipe. 2,340,959; Feb. 8.
Hartig, Martval J. (See Burk, R. E., and Hartig.)
Hartig, Rufus G. (See Laird, R. F., and Hartig.)
Hartley, Cecil E., Utica, Mich. Honeycomb frame lifter. 2,350,890; June 6.
Hartley, Clarence E., assignor of one-half to W. T. Curlie, Salisbury, N. C. Drain plug. 2,349,425; May 23.
Hartley, Eugene L., Jr., Batesburg, S. C. Reconnaissance instrument. 2,361,839; Oct. 31.
Hartley, James C. (See Brassert, H. A., and Hartley.)
Hartley, James C., Norwalk, Conn., and O. H. Henry, Caldwell, N. J., assignors to Minerals and Metals Corporation, New York, N. Y. Iron and steel products and producing the same. 2,349,266; May 23.
Hartley, Ralph V. L., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric signaling. 2,344,612; Mar. 21.
Hartley, Ralph V. L., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Switching mechanism. 2,357,108; Aug. 29.
Hartley, Ralph V. L., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,363,062; Nov. 21.
Hartley, V., Greenfield, England. Masking or screening device for lamps. 2,358,636; Sept. 19.
Hartline, Ralph E., Swissvale, assignor to Mine Safety Appliances Company, Pittsburgh, Pa. Fluid pump. 2,353,031; July 4.
Hartman, Carl H., New Rochelle, E. A. Marsh, and N. E. Dorrington, Oswego, assignors to St. Regis Paper Company, New York, N. Y. Apparatus for opening and filling bags. 2,350,554; June 6.
Hartman, Clarence F. (See Parry, R. D., and Hartman.)
Hartman, Clifford F., Attleboro, Mass. Centering device for drills. 2,338,765; Jan. 11.
Hartman Corporation of America, The. (See Hunter, Lee, Jr., assignor.)
Hartman, David T., et al. (See Hartman, William W., assignor.)
Hartman, Evelyn T., et al. (See Hartman, William W., assignor.)

Hartman, George W., Holland, Mich. Window fixture. 2,341,039; Feb. 8.

Hartman, James W., Crichton, Ala. Poultry feeder. 2,354,751; Aug. 1.

Hartman, Richard A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,359,418; Oct. 3.

Hartman, Richard A., assignor to Tinnerman Products Inc., Cleveland, Ohio. Fastening device. 2,364,846; Dec. 12.

Hartman, Roy E. (See Banigan, T. F., and Hartman.)

Hartman, Rush S., Trenton, N. J. Tire carrier. 2,343,811; May 16.

Hartman, Russell C., Upper Darby, assignor to The Atlantic Refining Company, Philadelphia, Pa. Manufacture of alkaline earth metal acid sulphides. 2,346,577; Apr. 11.

Hartman, William W., assignor of one-third to E. T. Hartman and one-third to D. T. Hartman. Making socket wrenches. 2,340,529; Feb. 1.

Hartmann, Hans. (See Meyerhans, A., and Hartmann.)

Hartmann, Henry, Chicago, Ill. Electrical extension. 2,362,481; Nov. 14.

Hartmann, Max, Riehen, and E. Schlittler, Basel, Switzerland, assignors to Ciba Pharmaceutical Products, Incorporated, Summit, N. J. Preparation of cardiac glucoside. 2,346,753; Apr. 18.

Hartmann, Paul, New York, N. Y. Binding blank. 2,352,196; June 27.

Hartmann Trunk Company. (See Ritter, Alois A., assignor.)

Hartmann Trunk Company. (See Ritter, Julius, Jr., assignor.)

Hartmann, Walter. (See Hofmann, A., and Hartmann.)

Hartmann, William H., assignor to Anheuser-Busch, Incorporated, St. Louis, Mo. Machine for reshaping used bottle caps. 2,347,102; Apr. 18.

Hartsell, Claude L., and A. D. Covert, Detroit, Mich. Shipping container for building materials. 2,339,475; Jan. 18.

Hartsell, Claude L., and A. D. Covert, Detroit, Mich. Luting composition. 2,345,598; Apr. 4.

Hartshorn, Bruce, Baldwin Park, assignor of one-half to K. Glandon, El Monte, Calif. Support for fabric marking. 2,348,295; May 9.

Hartsook, Guy M., and H. S. Rounds, assignors to Mid-West Hydro-Pierce, Inc., Detroit, Mich. Tube perforating machine. 2,354,860; Aug. 1.

Hartstein, Fred W., Brooklyn, N. Y. Sludge pumping apparatus. 2,354,519; July 25.

Hartwig, Carl E., Teaneck, N. J., and B. N. Lougovoy, Jackson Heights, assignors to American Chicle Company, Long Island City, N. Y. Preparing chewing gum bases. 2,344,916; Mar. 21.

Hartwig, George W., assignor of one-half to G. Neumann, Milwaukee, Wis. Family movie album. 2,357,738; Sept. 5.

Hartwig, Herman H. (See Kuch, M. G., Petersen, Hartwig, and Livingston.)

Hartwig, Karl T., assignor to Universal Oil Products Company, Chicago, Ill. Flow control. 2,361,096; Oct. 24.

Hartwig, Walter J., assignor to D. J. Murray Manufacturing Co., Wausau, Wis. Unit heater. 2,358,973; Sept. 26.

Hartz, Hans. (See Orlich, P., Negel, and Hartz.)

Hartz, John J., Cuyahoga Falls, assignor to Wingfoot Corporation, Akron, Ohio. Puncture seal tube. 2,342,580; Feb. 22.

Hartzell, Earl F., Milwaukee, Wis. Fluid exhauster. 2,358,006; Sept. 12.

Hartzell, Herman L., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Ignition distributor. 2,343,455; Mar. 7.

Hartzell, Herman L., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Terminal seal for ignition coils. 2,348,254; May 9.

Hartzell, Herman L., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Ignition coil. 2,355,864; Aug. 15.

Hartzog, Harrison C., Port Lavaca, Tex. Quick-acting launching device for boats and the like. 2,349,268; May 23.

Hartzog, Harrison C., Port Lavaca, Tex. Boat construction. 2,351,122; June 13.

Harvel Corporation, The. (See Caplan, S., and Schaufelberger, assignors.)

Harvel Corporation, The. (See Harvey, Mortimer T., assignor.)

Harvel Research Corporation. (See Caplan, S., and Harvey, assignors.)

Harvel Research Corporation. (See Caplan, Solomon, assignor.)

Harvel Research Corporation. (See Harvey, Mortimer T., assignor.)

Harvey, Beatrice M. and H. B., Brookline, Pa. Thread spool. 2,355,435; Aug. 8.

Harvey, Clarence, Canastota, N. Y. Ice creeper. 2,358,066; Sept. 12.

Harvey, Earle M., Springfield, Mass. Automatic valve. 2,352,197; June 27.

Harvey, Edward W. (See Haskell, S. B., and Harvey.)

Harvey, Frederic A., Pittsburgh, and R. E. Birch, Mount Lebanon, and Harbison-Walker Refractories Company, Pittsburgh, Pa. Silica refractory. 2,351,204; June 13.

Harvey, Henry B. (See Harvey, Beatrice M. and H. B.)

Harvey, Herbert, Los Angeles, Calif. Tying machine. 2,339,395; Jan. 18.

Harvey, Jacquelin E., Jr., Washington, D. C. Production of articles of commerce. 2,349,720; May 23.

Harvey, Jacquelin E., Jr., Washington, D. C., assignor of one-half to Southern Wood Preserving Company, East Point, Ga. Producing valuable oil from coal tar. 2,349,721; May 23.

Harvey, Jacquelin E., Jr., Washington, D. C., assignor of one-half to Southern Wood Preserving Company, East Point, Ga. Production of useful materials. 2,363,237; Nov. 21.

Harvey, Jacquelin E., Jr., Washington, D. C., and R. H. White, Jr., and J. A. Vaughan, Atlanta, assignors of one-half to said Harvey, Jr., and one-half to Southern Wood Preserving Company, East Point, Ga. Producing useful products. 2,363,238; Nov. 21.

Harvey, Jacquelin E., Jr., Washington, D. C., and R. H. White, Jr., and J. A. Vaughan, Atlanta, assignors of one-half to said Harvey, Jr., and one-half to Southern Wood Preserving Company, East Point, Ga. Producing valuable materials. 2,363,239; Nov. 21.

Harvey, Jacquelin E., Jr., Washington, D. C., and R. H. White, Jr., and J. A. Vaughan, Atlanta, assignors of one-half to said Harvey, Jr., and one-half to Southern Wood Preserving Company, East Point, Ga. Reforming materials and product thereof. 2,363,240; Nov. 21.

Harvey, Jacquelin E., Jr., Washington, D. C., and R. H. White, Jr., and J. A. Vaughan, Atlanta, assignors of one-half to said Harvey, Jr., and one-half to Southern Wood Preserving Company, East Point, Ga. Useful products and producing them. 2,363,241; Nov. 21.

Harvey, Jacquelin E., Jr., Washington, D. C., and R. H. White, Jr., and J. A. Vaughan, Atlanta, assignors of one-half to said Harvey, Jr., and one-half to Southern Wood Preserving Company, East Point, Ga. Providing a new product. 2,363,242; Nov. 21.

Harvey, Jacquelin E., Jr., Washington, D. C., and R. H. White, Jr., and J. A. Vaughan, Atlanta, assignors of one-half to said Harvey, Jr., and one-half to Southern Wood Preserving Company, East Point, Ga. Inducing toxicity and product thereof. 2,363,243; Nov. 21.

Harvey, Jacquelin E., Jr., Washington, D. C., and R. H. White, Jr., and J. A. Vaughan, Atlanta, assignors of one-half to said Harvey, Jr., and one-half to Southern Wood Preserving Company, East Point, Ga. Toxic material. 2,363,244; Nov. 21.

Harvey, Jacquelin E., Jr., Washington, D. C., and R. H. White, Jr., and J. A. Vaughan, Atlanta, assignors of one-half to said Harvey, Jr., and one-half to Southern Wood Preserving Company, East Point, Ga. Conversion of materials. 2,363,245; Nov. 21.

Harvey, James E., Rochester, and W. T. Perkins, Irondequoit, assignors to Bausch & Lomb Optical Company, Rochester, N. Y. Slide changing device; 2,364,788; Dec. 12.

Harvey, Leo M. (See Morrison, Jess S., assignor.)

Harvey, Leo M., Los Angeles, Calif. Material dispensing means. 2,339,396; Jan. 18.

Harvey, Mortimer T. (See Caplan, S., and Harvey.)

Harvey, Mortimer T., South Orange, N. J., assignor to Harvel Research Corporation. Novel furfuryl alcohol-formaldehyde acid condensation resinous product and preparing the same. 2,343,972; Mar. 14.

Harvey, Mortimer T., South Orange, N. J., assignor to Harvel Research Corporation. Acid condensation product of formaldehyde and acid condensation polymerization product of furfuryl alcohol and preparing the same. 2,343,973; Mar. 14.

Harvey, Mortimer T., East Orange, N. J., assignor to The Harvel Corporation. Insecticidal composition. 2,346,256; Apr. 11.

Harvey, Mortimer T., South Orange, N. J., assignor to Harvel Research Corporation. Reacting pinene and formaldehyde and the product obtained. 2,350,230; May 30.

Harvey, Mortimer T., East Orange, N. J., assignor to Harvel Research Corporation. Condensation products of phenols and phenolic ethers, and preparing the same. 2,364,212; Dec. 12.

Harvey, Robert L., Collingswood, N. J., assignor to Radio Corporation of America. Variable permeability tuning system. 2,340,749; Feb. 1.

Harvey, Robert L., Collingswood, N. J., assignor to Radio Corporation of America. Intermediate frequency transformer. 2,364,291; Dec. 5.

Harvey, Robert P., Longmeadow, assignor to Buxton, Incorporated, Springfield, Mass. Key holder support for key cases. 2,351,205; June 13.

Harvey-Wells Communications, Inc. (See MacConnell, Charles W., assignor.)

Harvill, Edward, Yonkers, N. Y., assignor to Boyce Thompson Institute for Plant Research, Inc. Insecticidal composition. 2,355,974; Aug. 15.

Harvuot, Frank B., assignor to S. F. Bowser & Company, Incorporated, Fort Wayne, Ind. Strainer. 2,365,074; Dec. 12.

Harwood, Asa J., Richmond, Ind., assignor to The Atlas Underwear Company, Piqua, Ohio. Undergarment. 2,349,426; May 23.

Harwood, Paul D., assignor to Dr. Hess & Clark, Inc., Ashland, Ohio. Triethanolamine hydrochloride composition for coccidiosis. 2,362,003; Nov. 7.

Harza, Leroy F., Highland Park, Ill. Revetment and block therefor. 2,344,302; Mar. 14.

Hasbrook, Arthur F., assignor to Olive S. Petty, San Antonio, Tex. Level indicator. 2,338,811; Jan. 11.

Hasbrook, Arthur F., assignor to O. S. Petty, San Antonio, Tex. Measuring instrument. 2,357,822; Sept. 12.

Hasche, Rudolph L., and J. J. Gordon, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Ester-lactones. 2,364,358; Dec. 5.

Haseloff, Johann, and E. Wessel, Dessau, Germany; vested in the Alien Property Custodian. Steering column arrangement for airplanes. 2,345,120; Mar. 28.

Haseltine, Stacy B. (See Dentler, A. E., and Haseltine.)

Haseltine, Stacy B., La Grange, assignor to W. H. Miner, Inc., Chicago, Ill. Door fastener. 2,340,470; Feb. 1.

Haselton, Merton L., Rye, and C. S. Whitney, Jr., Brooklyn, assignors to The Teleregister Corporation, New York, N. Y. Traveling message sign. 2,343,294; Mar. 7.

Hasenberg, Werner, Rio de Janeiro, Brazil. Communication system. 2,352,711; July 4.

Haskell, Sidney B., Larchmont, N. Y., and E. W. Harvey, Highland Park, N. J., assignors to Allied Chemical & Dye Corporation, New York, N. Y. Production of silage. 2,346,072; Apr. 4.

Haskins, Allen F., Cranston, R. I. Dial indicator. 2,346,578; Apr. 11.

Haskins, Allen F., Cranston, R. I. Electromagnetic tenter clip. 2,350,961; June 6.

Haslacher, Alfred B., New York, N. Y. Making impervious bags. 2,353,402; July 11.

Hasler A.-G. Werke fur Telephonie und Prazisionsmechanik. (See Ochsenbein, Walter, assignor.)

Hasler A.-G. Werke für Telephonie und Präzisionsmechanik. (See Ochsenbein, Walter, assignor.)

Hasler, Robert H., Old Westbury, N. Y. Propeller blade. 2,364,635; Dec. 12.

Hass, Henry B., West Lafayette, Ind., and B. M. Vanderbilt, Cranford, N. J., assignors to Purdue Research Foundation, Lafayette, Ind. Esters of nitrohydroxy compounds. 2,340,268; Jan. 25.

Hass, Henry B., West Lafayette, Ind., and J. F. Bourland, Martinsville, N. J., assignors to Purdue Research Foundation, La Fayette, Ind. Condensation of mononitroalkanes and aliphatic ketones. 2,343,256; Mar. 7.

Hass, Walter. (See Strübig, H., and Hass.)

Hassan, J. E., et al. (See Lichtenthal, Sigmund, assignor.)

Hasse, Franklin C., and A. A. Bernard, Chicago, Ill., assignors to The Linde Air Products Company. Welding apparatus. 2,357,402; Sept. 5.

Hasselman, Albert J., La Salle, and E. H. Beiser, Peru, Ill., assignors to General Time Instruments Corporation, New York, N. Y. Watch. 2,364,440; Dec. 5.

Hasselquist, Hugo S., Oak Park, Ill., assignor to Joseph Dixon Crucible Company, Jersey City, N. J. Clip. 2,343,058; Feb. 29.

Hasselquist, Hugo S., Oak Park, Ill., assignor to Joseph Dixon Crucible Company, Jersey City, N. J. Mechanical pencil. 2,355,914; Aug. 15.

Hasselquist, Victor H. (See Haren, U. C., and Hasselquist.)

Hasselstrom, Torsten. (See Dressler, R. G., Vivian, and Hasselstrom.)

Hassenfeld, Jack, Providence, R. I. Receptacle. Re. 22,417; Jan. 11.

Hassett, Paul E., Farmington, Conn., assignor, by mesne assignments, to MacArthur Concrete Pile Corporation, New York, N. Y. Coupling sleeve for tubular piling. 2,353,561; July 11.

Hassett, Raymond J., Spokane, assignor of forty-nine per cent to W. N. Kemp, Parkwater, Wash. Vehicle wheel spring support. 2,347,948; May 2.

Hassler, Gerald L. (See Cravath, A. M., and Hassler.)

Hassler, Gerald L., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Method and apparatus for permeability measurements. 2,345,935; Apr. 4.

Hassler, Gerald L., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Choke valve borehole indicating system. 2,352,833; July 4.

Hassler, Gerald L., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Adjusting flow rates of fluids through formations traversed by boreholes. 2,352,834; July 4.

Hassler, Gerald L., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Analysis method for geochemical exploration. 2,364,898; Dec. 12.

Hassman, Fred A. (See Nenninger, L. F., Vancil, and Hassman.)

Hassman, Fred A., assignor to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Milling machine. 2,365,075; Dec. 12.

Hastik, Jaros J. (See Brown, C. C., and Hastik.)

Hastings, Arthur C., Jr., and O. B. and W. R. Horsfield, South Yarmouth, Mass. Spark plug. 2,356,053; Aug. 15.

Hastings Manufacturing Company. (See Hawk, Maurice L., assignor.)

Hastings Manufacturing Company. (See Phillips, Harold P., assignor.)

Hastings, Orlando B. (See Hastings, Arthur C., Jr., and O. B., and Horsfield.)

Hastings, Russell, Jr., Wellesley, assignor to Lewis-Shepard Company, Watertown, Mass. Lifting buffer mechanism for elevating trucks. 2,361,544; Oct. 31.

Hastings, Victor E., Los Angeles, Calif. Valveless steam distribution. 2,365,756; Dec. 26.

Hastings, Warren W. (See Ford, G. E., and Hastings.)

Hastings, Warren W. (See Ford, G. E., Hastings, and Connolly.)

Hasty, George. (See Cohen, M., Enoch, Hasty, and Jorgenson.)

Haswell, Arthur B., Birmingham, Ala., assignor to Tennessee Coal, Iron and Railroad Company. Eliminating fog from warm bodies of water. 2,349,787; May 23.

Hat Corporation of America. (See Rickus, G. M., Hoffman, Carpenter, and Harris, assignors.)

Hatch, Alexander G., assignor to Fibre Can Machinery Corporation, Rutland, Vt. Can closure and making the same. 2,350,312; May 30.

Hatch, Alexander G., assignor to Fibre Can Machinery Corporation, Ruthland, Vt. Motor oil container. 2,356,401; Aug. 22.

Hatch, George B. (See Clarke, L. A., Bruner, Pevere, and Hatch.)

Hatch, George B. (See Goldsby, A. R., Pevere, Clarke, and Hatch.)

Hatch, George B. (See Pevere, E. F., Clarke, Hatch, and Bruner.)

Hatch, George B., Pittsburgh, Pa. Washing compositions. 2,365,190; Dec. 19.

Hatch, Leo G., Concord, N. H. Garden tool. 2,352,320; June 27.

Hatch, Lloyd A., St. Paul, and M. E. Buzzell, Mahtomedi, assignors to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Coating calcinable lithic slabs. 2,347,684; May 2.

Hatch, Lloyd A., and J. E. Clarke, assignors to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Abrasive belt for sanding steel. 2,357,823; Sept. 12.

Hatch, Meredith R. (See Groll, A. F., and Hatch.)

Hatch, Meredith R. (See Rode, F. J., and Hatch.)

Hatch, Ronald K., Highland Park, assignor to Gar Wood Industries, Inc., Detroit, Mich. Wire reel construction. 2,348,904; May 16.

Hatcher, Ernest C., Northwood, assignor to J. Stone & Company Limited, Deptford, England. Cable tensioning and releasing means. 2,342,271; Feb. 22.

Hatcher, Ernest C., Northwood, assignor to J. Stone & Company Limited, Deptford, England. Gearing for rotating concentric shafts in opposite directions. 2,347,906; May 2.

Hatcher, Ernest C., Northwood, assignor to J. Stone & Company Limited, Deptford, England. Cable tensioning and releasing means. 2,353,562; July 11.

Hatcher, George R., assignor to The Mahoning Paint and Oil Company, Youngstown, Ohio. Coating ingots. 2,343,842; Mar. 7.

Hatcher, James L., U. S. Army, Winchester, Va. Muzzle attachment for guns. 2,339,263; Jan. 18.

Hatfield, James E., Shaker Heights, Ohio, assignor to Grant Storage Battery Company, Minneapolis, Minn. Casting shot. 2,349,498; May 23.

Hathaway Instrument Company. (See Floyd, Frederick K., assignor.)

Hathaway, Jarrett L., Manhasset, N. Y., assignor to Radio Corporation of America. Frequency modulator. 2,341,040; Feb. 8.

Hathaway, Jarrett L., assignor to Radio Corporation of America, Manhasset, N. Y. Modulation. 2,362,201; Nov. 7.

Hathaway, Lawrence, assignor to Coventry Climax Engines Limited, Coventry, England. Centrifugal governor. 2,338,718; Jan. 11.

Hathaway, Lawrence, assignor to Coventry Climax Engines Limited, Coventry, England. Trailer. 2,356,741; Aug. 29.

Hathaway, Madeleine P., et al., executors. (See Perkins, Hiram A.)

Hathorne, Berkeley L., Delray Beach, Fla., and R. W. Seem, Kingston, Pa., assignor to Crepe de Chine, Inc. Yarn and producing the same. 2,353,666; July 18.

Hatter, Henry. (See Crowe, M. B., and Hatter.)

Hatton, Mabel H., Beverly Hills, Calif. Brassière garment. 2,351,680; June 20.

Hatton, Mabel H., Beverly Hills, Calif. Brassière. 2,364,899; Dec. 12.

Hatton, William, and L. Kozma, Antwerp, Belgium, assignors to International Standard Electric Corporation, New York, N. Y. Electrical calculating equipment. 2,340,809; Feb. 1.

Hattox, Erwin M. (See Voorhies, A., Jr., and Hattox.)

Haub, Edwin, Zanesville, Ohio, assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Glass transfer mechanism. 2,362,132; Nov. 7.

Haubroe, Werner C. L., Copenhagen, Denmark; vested in the Alien Property Custodian. Device for transmitting the lateral rotation of guns to predictors. 2,338,431; Jan. 4.

Hauck, Charles F., Cleveland, Ohio. Abrasive material. 2,343,179; Feb. 29.
Hauck Manufacturing Company. (See Schumann, A. F., and Turpin, assignors.)
Hauck Manufacturing Company. (See Turpin, A. J., and Schumann, assignors.)
Hauck, Paul A. (See Hersog, C., and Hauck.)
Hauer, Edward R., Lakewood, Ohio, and E. L. Cull, assignors to Ylloco Railway Equipment Co., Chicago, Ill. Sander for locomotive valves. 2,360,226; Oct. 10.
Hauer, Leon C., Pittsburgh, Pa., assignor to M. E. Cunningham Company. Tool holder. 2,357,045; Aug. 29.
Hauer, Leon C., assignor to M. E. Cunningham Company, Pittsburgh, Pa. Die wheel. 2,357,797; Sept. 12.
Hauf, George F., River Forest, and E. Pretorius, assignors to Chicago Metal Mfg. Co., Chicago, Ill. Portable irrigation pipe joint. 2,339,332; Jan. 18.
Haug, Eugene H., Chicago, Ill., assignor to H. E. Young, trustee of Young & Haug Trust Estate. Automatic sectionalising and short circuiting switch. 2,350,610; June 6.
Haug, Eugene H., assignor to La Salle National Bank, Chicago, Ill., trustee. Constant current control. 2,351,681; June 20.
Haug, Eugene H., assignor to La Salle National Bank, Chicago, Ill., as trustee. Electric regulating circuit. 2,358,394; Sept. 19.
Haug, Eugene H., assignor to La Salle National Bank, Chicago, Ill., as trustee. Electric regulating apparatus. 2,358,456; Sept. 19.
Haug, John S. (See Hunter, C. W., and Haug.)
Haugh, Virgil V., Tiffin, Ohio. Constant load transmission. 2,353,334; July 11.
Haughton, John R., Carolina Beach, N. C. Joggle wedge. 2,354,594; July 25.
Haugner, William, Fond du Lac, Wis. Bottle carrier. 2,363,180; Nov. 21.
Haunty, John F. (See Spiller, W. R., and Haunty.)
Haupt, James W. (See Brown, G. G., and Haupt.)
Haupt, Wilhelm, Dortmund-Hoerde, Germany; vested in the Alien Property Custodian. Suspension bridge. 2,339,925; Jan. 25.
Haury, Vernon E. (See Ballard, S. A., and Haury.)
Hauseman, E. F., Company, The. (See Fowles, G. L., and Nocar, assignors.)
Hauser, C., et al. (See Baxter, George, assignor.)
Hauser, Ed, et al. (See Baxter, George, assignor.)
Hauser, Fred, West Los Angeles, Calif. Periodic distributing valve. 2,341,041; Feb. 8.
Hauser, Harold M., et al. (See Baxter, George, assignor.)
Hauser, Herbert J., Hamilton, Ontario, Canada. Druggist's cabinet. 2,346,430; Apr. 11.
Hauser, Richard. (See Johnson, F. D., and Hauser.)
Hauserman, E. F., Company, The. (See Fowles, G. L., and Nocar, assignors.)
Hausherr, George F., Lynbrook, N. Y. Stereoscopic device. 2,365,547; Dec. 19.
Hausler, George M. (See Butler, W. L., and Hausler.)
Hausler, George M., Ballston Lake, N. Y., assignor to General Electric Company. Thermal responsive circuit controller. 2,340,677; Feb. 8.
Hausler, George M., Ballston Lake, N. Y., assignor to General Electric Company. Snap-action device. 2,360,128; Oct. 10.
Hauton, Paul S., Atlanta, and J. W. Marlin, Decatur, assignors to Scripto Manufacturing Company, Atlanta, Ga. Container. 2,358,859; Sept. 26.
Hauton, Paul S., Atlanta, Ga., and J. W. Marlin, Birmingham, Ala.; said Hauton assignor to Scripto Manufacturing Company, Atlanta, Ga. Receptacle. 2,361,840; Oct. 31.
Hauton, Paul S., assignor to Scripto Manufacturing Company, Atlanta, Ga. Container for pencil fillers. 2,365,191; Dec. 19.
Hauton, Paul S., assignor to Scripto Manufacturing Company, Atlanta, Ga. Mechanical pencil. 2,365,548; Dec. 19.
Hauton, Paul S., assignor to Scripto Manufacturing Company, Atlanta, Ga. Producing tubular members. 2,365,953; Dec. 26.
Haverland, Frank J., Deadwood, S. Dak. Ore mill. 2,345,474; Mar. 28.
Haverman, William, West Asheville, N. C. Support for picture frames and the like. 2,339,333; Jan. 18.
Haverstick, Ben R. (See Neighbour, L. B., Court, and Haverstick.)
Haves, Henry. (See Levy, J., Moore, and Haves.)
Hawaiian Pineapple Company, Limited. (See Serai, Richi, assignor.)
Hawes, George E., Bridgeport, Conn. Corset and the like. 2,366,026; Dec. 26.
Hawes, George R., Longmeadow, assignor to Buxton, Incorporated, Springfield, Mass. Key case. 2,360,675; Oct. 17.
Hawk, Maurice L., Curwensville, Pa., assignor to Hastings Manufacturing Company, Hastings, Mich. Ratchet wrench. 2,341,775; Feb. 15.
Hawk, Watson L., M. Paul, and L. W. Evans, Stockton, assignors to Rheem Manufacturing Company, Richmond, Calif. Container seaming machine. 2,349,865; May 30.
Hawk, Watson L., and R. N. Bowman, Stockton, assignors to Rheem Manufacturing Company, Richmond, Calif. Thermostatically operated valve mechanism. 2,358,637; Sept. 19.
Hawke, George S. (See Lang, A., and Hawke.)
Hawker, Herman W., Teague, and J. L. White, Butler, Tex. Decorticating machine. 2,341,987; Feb. 15.
Hawkins, James R. (See Haas, Otto, and Hawkins.)
Hawkins, Kenneth, assignor to G. B. Lewis Company, Watertown, Wis. Beehive. 2,340,219; Jan. 25.
Hawkinson, Alfred T., and A. A. Elston, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Pyridine carboxylic acid. 2,347,410; Apr. 25.
Hawkinson, Paul E., Company. (See Hawkinson, Paul E., assignor.)
Hawkinson, Paul E., assignor to P. E. Hawkinson Company, Minneapolis, Minn. Tire retreading mold. 2,339,696; Jan. 18.
Hawley, Don M. (See Bauer, J. V., and Hawley.)
Hawley, Don M. (See Bauer, Hans F. and J. V., and Hawley.)
Hawley, Jesse B. (See Eberman, Augustus H., assignor.)
Hawley, Jesse B. (See Sloan, Edward C., assignor.)
Hawley, Jesse B. (See Young, Serenus H. A., assignor.)
Hawley, Jesse G., Painted Post, N. Y. Power unit. 2,351,040; June 13.
Hawley, Jesse G., Painted Post, N. Y. Brake. 2,351,041; June 13.
Hawley, John F., Riverside, Ill. Printing press. 2,351,612; June 20.
Hawley, John F., Riverside, Ill. Proofing apparatus and process. 2,355,529; Aug. 8.
Hawley, John F., Riverside, Ill. Proofing process. 2,355,530; Aug. 8.
Hawley, Thomas G., Jr., Naugatuck, Conn., assignor to United States Rubber Company, New York, N. Y. Laminated elastic fabrics. 2,338,243; Jan. 4.
Haworth, Ernest, and F. L. Rose, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Sulphanilamide derivatives. 2,359,912; Oct. 10.
Haworth, Mack E., Pittsburgh, Pa. Apparatus for separating particulate materials. 2,362,482; Nov. 14.
Hawthorne, Louis A. (See Coes, H. T., Hawthorne, and Zettel.)
Hawthorne, Louis A. (See Coes, H. T., MacAlpine, and Hawthorne.)
Hay, Harold R., New Orleans, La., assignor to The Celotex Corporation, Chicago, Ill. Plaster base and wall formed therewith. 2,342,859; Feb. 29.
Hay, Howard M., Chicago, Ill. Game. 2,343,506; Mar. 7.
Hay, John O., Cleveland Heights, assignor to The Harshaw Chemical Company, Elyria, Ohio. Separation of copper from other metals. 2,352,096; June 20.
Hay, John O., Cleveland Heights, assignor to The Harshaw Chemical Company, Elyria, Ohio. Separation of copper from zinc. 2,362,202; Nov. 7.
Haycock, George W. (See McGlashan, A., Haycock, and McMeekin.)
Haycock, John, Larchmont, assignor to Continental Can Company, Inc., New York, N. Y. Making sheet metal containers. 2,362,817; Nov. 14.
Hayden, Kenneth L., Brooklyn, N. Y. Frozen confection. 2,355,915; Aug. 15.
Hayden, Landon. (See Dey, J. B., and Hayden.)
Hayden, Robert R., Cross Timbers, Mo. Pipe cutter. 2,349,499; May 23.
Haydon, Arthur W., Marion, Conn. Electric motor and making same. 2,353,305; July 11.
Hayes, Charles T., York House, Worcester, England, assignor to M. P. Winther, trustee, Waukegan, Ill. Electromagnetic apparatus. 2,351,943; June 20.
Hayes, Clyde B., Saratoga Springs, assignor to Van Raalte Company, Inc., New York, N. Y. Stop means for textile machines. 2,345,599; Apr. 4.
Hayes, Clyde B., Saratoga Springs, and H. H. Thorpe, Tonawanda, assignors to Van Raalte Company, Inc., New York, N. Y. Stop means for textile machines. 2,366,105; Dec. 26.
Hayes, Eli E., Detroit, Mich. Motor vehicle. 2,338,244; Jan. 4.
Hayes, Frank F. (See Royal, R. R., Hayes, Berggren, and Temple.)
Hayes, Frank J., assignor of twenty per cent to S. M. Slomsky, Brooklyn, N. Y. Inner tub washer. 2,346,133; Apr. 11.
Hayes Industries, Inc. (See Buck, Clarence M., assignor.)
Hayes Industries, Inc. (See Hollerith, Charles, assignor.)
Hayes, Lynn O., St. Louis, Mo., assignor to F. L. Smithe Machine Co., Inc., New York, N. Y. Sheet decurling apparatus. 2,339,070; Jan. 11.
Hayes, Lynn O., St. Louis, Mo., assignor to F. L. Smithe Machine Co., Inc., New York, N. Y. Sheet decurling apparatus. 2,339,071; Jan. 11.
Hayes Manufacturing Corporation. (See Kolderman, J. C., and Speckin, assignors.)
Hays Manufacturing Company. (See Montgomery, Leland V., assignor.)
Hayes, Maxwell, F. (See Lewis, W. L., and Hayes.)

Hayes, Ralph F., North Wilbraham, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Polystyrene composition. 2,347,103; Apr. 18.
Hayes, Ralph F., North Wilbraham, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Decorative article. 2,364,024; Nov. 28.
Hayes, Samuel T., assignor of one-half to W. C. Waldby, Kakima, Wash. Figure toy. 2,352,895; July 4.
Hayes, Stanley W., assignor to Hayes Track Appliance Company, Richmond, Ind. Wheel retainer. 2,359,106; Sept. 26.
Hayes, Stanley W., assignor to Hayes Track Appliance Company, Richmond, Ind. Mower. 2,359,642; Oct. 3.
Hayes, Thomas L., Dover, N. J. Drilling tool. 2,359,309; Oct. 3.
Hayes Track Appliance Company. (See Hayes, Stanley W., assignor.)
Haygood, Carroll M., Cheyenne, Wyo. Aircraft catching apparatus. 2,364,527; Dec. 5.
Hayman, Richard L., North Hollywood, Calif. Conduit support. 2,356,318; Aug. 22.
Hayman, Richard L., North Hollywood, assignor to Lockheed Aircraft Corporation, Burbank, Calif. Adjustable bulkhead coupling. 2,359,846; Oct. 10.
Hayn, Glayds P., Buffalo, N. Y. Container. 2,358,709; Sept. 19.
Haynes, Charles L., assignor to C. F. Braun & Co., Alhambra, Calif. Tube cutoff tool. 2,356,402; Aug. 22.
Haynes, Charles L., assignor to C. F. Braun & Co., Alhambra, Calif. Grooving tool. 2,365,549; Dec. 19.
Haynes, James L., Glen Ellyn, Ill., assignor to General Motors Corporation, Detroit, Mich. Car truck construction. 2,354,016; July 18.
Haynes, Robert L., Indianapolis, Ind., assignor to Radio Corporation of America. Alternating current exciter lamp for sound reproducers. 2,348,296; May 9.
Haynes, Robert L., Indianapolis, Ind., assignor to Radio Corporation of America. Rectifier timing circuit. 2,357,652; Sept. 5.
Haynes, Robert L., Indianapolis, Ind., assignor to Radio Corporation of America. Noise reduction circuit. 2,359,989; Oct. 10.
Haynes Stellite Company. (See Wissler, W. A., and Miller, assignors.)
Hays, Bryant, Linden, N. J. Roll film holder. 2,339,926; Jan. 25.
Hays, Charles H., Jr., North East, Pa., assignor to Jamestown Metal Equipment Company, Inc., Jamestown, N. Y. Laundering machine. 2,361,767; Oct. 31.
Hays, Claude H., London, and W. A. Dickie, Spondon, near Derby, England, assignors to Celanese Corporation of America. Conversion of continuous filaments into staple fiber yarn and like products. 2,359,847; Oct. 10.
Hays, Harrison L. (See Buddrus, E., and Hays.)
Hays, Harrison L., Phillips, and J. L. Maher, Odessa, Tex., assignors to Phillips Petroleum Company. Preparing hydrocarbons for polymerisation. 2,351,123; June 13.
Hays, James B., and J. H. Shubart, Summit, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Fault-locating device. 2,338,245; Jan. 4.
Hays Manufacturing Company. (See Klein, Felix, assignor.)
Hays, Noble E., and G. R. Hoover, Middletown, and A. E. Taylor, West Middletown, assignors to The American Rolling Mill Company, Middletown, Ohio. Method and material for coating metal surfaces. 2,346,302; Apr. 11.
Hays, Russell R., Lawrence, Kans. Hydraulic drilling apparatus. 2,345,816; Apr. 4.
Hays, Russell R., Lawrence, Kans. Irrotational rotor. 2,350,962; June 6.
Hayter, Bruce. (See Breese, J. L., and Hayter.)
Hayter, Bruce, assignor to Oil Devices, Santa Fe, N. Mex. Pot type burner with double baffle structure. 2,339,637; Jan. 18.
Hayter, Bruce, assignor to Oil Devices, Santa Fe, N. Mex. Boiler construction. 2,342,272; Feb. 22.
Hayter, Bruce, assignor to Oil Devices, Santa Fe, N. Mex. Pot type burner and improved air supply means therefor. 2,349,722; May 23.
Hayter, Bruce, assignor to Oil Devices, Santa Fe, N. Mex. Pot-type burner and improved baffle therefor. 2,350,891; June 6.
Hayter, Bruce, Santa Fe, N. Mex., and S. Perry, Chicago, Ill., assignors to Oil Devices, Santa Fe, N. Mex. Control device for liquid fuel burners. 2,353,464; July 11.
Hayter, Bruce, assignor to Oil Devices, Santa Fe, N. Mex. Thermally responsive control switch for liquid fuel lines. 2,355,436; Aug. 8.
Hayter, Bruce, assignor to Oil Devices, Santa Fe, N. Mex. Pot type burner with admission of air at two levels. 2,362,133; Nov. 7.
Hayward, John A., Claremont, N. H., assignor to Sullivan Machinery Company. Cutter chain. 2,351,206; June 13.
Hayward, John T., Tulsa, Okla. Detecting oil in well drilling. 2,342,273; Feb. 22.
Hayward, John T., Tulsa, Okla. Pumping apparatus. 2,362,750; Nov. 14.
Hayward, Josephine, Montreal, Quebec, Canada. Swimming suit. 2,343,974; Mar. 14.
Haywood, Frederick W., assignor to Wild-Barfield Electric Furnaces Limited, Watford, England. Estimation of a constituent in a fluid. 2,364,789; Dec. 12.
Haywood, Gerald, Westernport, Md., assignor to West Virginia Pulp and Paper Company, New York, N. Y. Apparatus for coating paper. 2,357,824; Sept. 12.
Haywood, Hubert, Wirksworth, England. Double-acting hydraulic shock absorber for vehicles. 2,341,096; Feb. 8.
Haywood, Thomas W., Jr., Warrenton, N. C. Illuminated sign. 2,365,076; Dec. 12.
Hazard, Charles S., Andover, N. J., assignor to Neptune Meter Company. Cutoff device for controlling the bulk supply of liquid dispensing apparatus. 2,365,192; Dec. 19.
Hazel-Atlas Glass Company. (See Carnahan, John W., assignor.)
Hazel-Atlas Glass Company. (See Haub, Edwin, assignor.)
Hazel-Atlas Glass Company. (See Redman, Frank, assignor.)
Hazel-Atlas Glass Company. (See Ross, James W., assignor.)
Hazel-Atlas Glass Company. (See Williams, John J., assignor.)
Hazell, Eardley, North Kingstown, R. I., assignor to United States Rubber Company, New York, N. Y. Making ball centers. 2,354,017; July 18.
Hazeltine Corporation. (See Case, Nelson P., assignor.)
Hazeltine Corporation. (See Freeman, Robert L., assignor.)
Hazeltine Corporation. (See Loughren, Arthur V., assignor.)
Hazeltine Corporation. (See Okrent, Jasper J., assignor.)
Hazeltine Corporation. (See Rado, John A., assignor.)
Hazeltine Corporation. (See Wheeler, Harold A., assignor.)
Hazeltine Corporation. (See Wilson, John C., assignor.)
Hazelton, Merrill W., Cincinnati, and R. S. Diserens, Mount Healthy, assignors to The Cincinnati Shaper Company, Cincinnati, Ohio. Gauging device. 2,357,194; Aug. 29.
Hazouri, Jack S., and C. O. Barnes, Jacksonville, Fla. Double-jawed work gripping and handling clamp. 2,353,032; July 4.
Hazzard, Harry I., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Piston. 2,340,662; Feb. 1.
Head, Ralph H., Los Angeles, Calif. Fastener. 2,346,431; Apr. 11.
Head, Wrightson & Company, Limited. (See Lake, Norman C., assignor.)
Hearn, Richard B., Hollis, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Supervisory system for telegraph circuits. 2,365,816; Dec. 26.
Headon, Frank, New York, N. Y. Fastener. 2,363,322; Nov. 21.
Heald, Alfred M. (See Abrams, A., Forcey, Graebner, Heald, and Rumberger.)
Heald Machine Company, The. (See Berard, Hector R., assignor.)
Heald Machine Company, The. (See Blood, Harold L., assignor.)
Heald Machine Company, The. (See Sampatacos, Peter M., assignor.)
Healis, George A., Lansdowne, Pa., assignor to General Electric Company. Electric switch. 2,351,426; June 13.
Health, William C., Shorewood, assignor to A. O. Smith Corporation, Milwaukee, Wis. Electrically forming tubular shape. 2,345,670; Apr. 4.
Healy, Alexander, Jr. (See Milek, Frank M., assignor.)
Healy, George A., Aurora, Ill. Smoke trail baton. 2,361,841; Oct. 31.
Heany Industrial Ceramic Corporation. (See Heany, John A., assignor.)
Heany, John A., New Haven, Conn., assignor to Heany Industrial Ceramic Corporation, New York, N. Y. Aluminous ceramic and making the same. 2,339,264; Jan. 18.
Heany, John A., New Haven, Conn., assignor to Heany Industrial Ceramic Corporation, Rochester, N. Y. Bauxite process and product. 2,347,685; May 2.
Heard, Llewellyn, Hammon, Ind., R. V. Shankland, and J. C. Baillie, assignors to Standard Oil Company, Chicago, Ill. Alumina gel catalysis. 2,345,600; Apr. 4.
Hearing, Russell H., Tiffin, Ohio, assignor to Basic Refractories, Incorporated. Refractory manufacture. 2,339,233; Jan. 11.
Hearne, George W., Berkeley, and D. S. La France, Walnut Creek, assignors to Shell Development Company, San Francisco, Calif. Treatment of polyolefinic ethers and product produced thereby. 2,339,476; Jan. 18.
Hearst, Jack W. (See Fortis, Oscar, assignor.)
Heaslet, James G., Hudson, assignor to The Cleveland Tractor Company, Cleveland, Ohio. Power driven transport and towing vehicle. 2,339,334; Jan. 18.
Heat Pumps Limited. (See Newcombe, Clare K., assignor.)
Heat Transfer Products, Inc. (See Jacocks, George T., assignor.)
Heat Transfer Products, Inc. (See Jacocks, G. T., and Glauque, assignors.)

Heater, Charles L., assignor to American Steel Foundries, Chicago, Ill. Car truck. 2,354,975; Aug. 1.
Heath, Archer D., Gowrie, Iowa. Loader. 2,341,776; Feb. 15.
Heath, Dudley E., assignor to Servel, Inc., New York, N. Y. Refrigerator cabinet. 2,348,812; May 16.
Heath, Robert L. (See Jebens, G. A., Snell, Heath, Fisher, Scott, and Mouw.)
Heath, Sheldon B., assignor to The Dow Chemical Company, Midland, Mich. Finely divided sulphur product. 2,348,736; May 16.
Heath, Sheldon B., and F. R. Minger, assignors to The Dow Chemical Company, Midland, Mich. Recovering magnesium salts. 2,342,666; Feb. 29.
Heath, William C., Shorewood, assignor to A. O. Smith Corporation, Milwaukee, Wis. Machine tool device support. 2,353,465; July 11.
Heath, William C., Shorewood, assignor to A. O. Smith Corporation, Milwaukee, Wis. Grinding machine. 2,357,109; Aug. 29.
Heath, Willis A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Recovering hydrocarbons. 2,347,778; May 2.
Heath, Willis A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Well apparatus. 2,347,779; May 2.
Heather Charles H. (See Gouldbourn, J., and Heather.)
Heaton, John S., and C. C. Howis, Glossop, Derby, assignors to The Calico Printers Association Limited, Manchester, England. Manufacture of azo dyestuffs. 2,338,639; Jan. 4
Heaven, George S., H. S. Heaven, deceased, Bridgwater, by Z. Heaven, Chesham Bois, administratrix, and C. R. Oswin, Bridgwater, England. Lamination of water-sensitive films. 2,338,432; Jan. 4.
Heaven, Herbert S. (See Heaven, G. S. and H. S., and Oswin.)
Heaven, Zoe, administratrix. (See Heaven, G. S. and H. S., and Oswin.)
Heavener, Harvey R., Lockport, N. Y., assignor to General Motors Corporation, Detroit, Mich. Radiator tube end. 2,346,376; Apr. 11.
Heavens, E. M. (See Stocker, Closman P., assignor.)
Heavens, E. M., et al. (See Huge, Henry M., assignor.)
Hebbard, Charles B., assignor of one-half to K. Norman, R. Warten, and H. E. Redding, Joplin, Mo. Multiple separation apparatus. 2,360,129; Oct. 10.
Hebbard, George M. (See Hunt, W., and Hebbard.)
Hebbard, George M., and W. Hunt, assignors to The Dow Chemical Company, Midland, Mich. Purification and production of olefins. 2,359,759; Oct. 10.
Hebeler, Edward S., Williamsville, N. Y., assignor of one-half to Unit Rays, Inc., Cleveland, Ohio. Welder's mask or helmet. 2,343,864; Mar. 14.
Hebeler, Edward S., Williamsville, N. Y., assignor, by mesne assignments, to Unit Rays, Inc., Cleveland, Ohio. Method of and apparatus for producing pulsating current. 2,349,229; May 16.
Hebenstreit, Harry C., Alliance, Ohio. Stamp for decorating nonplanar surfaces. 2,350,033; May 30.
Heberlein, Georges, Wattwil, Switzerland, assignor to Heberlein Patent Corporation, New York, N. Y. Production of wool-like rayon. 2,356,518; Aug. 22.
Heberlein Patent Corporation. (See Heberlein, Georges, assignor.)
Heberlein Patent Corporation. (See Kaase, W., and Waltmann, assignors.)
Heberlein Patent Corporation. (See Waltmann, E., and Wolf, assignors.)
Hebert, Leo J., East Saugus, assignor to Bird & Son, inc., East Walpole, Mass. Greenhouse Equipment. 2,343,010; Feb. 29.
Hebestreit, Herold H., Mio, Mich. Window sash. 2,365,954; Dec. 26.
Hechenbleikner, Ingenuin, Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Dichloromalononitrile as an insecticide. 2,359,266; Sept. 26.
Hecht, George, Astoria, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Adjusting the temperature coefficient of resonators. 2,342,274; Feb. 22.
Hecht, Otto. (See Reppe, W., Hecht, and Gassenmeier.)
Hecht, Otto. (See Reppe, W., Hecht, and Oschatz.)
Hecht, Otto, Ludwigshafen-on-the-Rhine, and E. Gassenmeier, Mannheim, Germany; vested in the Alien Property Custodian. Cellulose solution and preparing such solution. 2,339,012; Jan. 11.
Heck, Edward S. (See Bosomworth, G. P., and Heck.)
Heck, John T., Elmhurst, assignor to Da-Lite Screen Company, Inc., Chicago, Ill. Portable picture screen stand. 2,355,799; Aug. 15.
Heck, Valentine M., assignor to International Shoe Company, St. Louis, Mo. Shoe construction. 2,349,866; May 30.
Heckel, Heinrich, Dinslaken, Germany, assignor to Hydrocarbon Synthesis Corporation, New York, N. Y. Process and catalyst for the preparation of predominant quantities of paraffin in the hydrogenation of carbon monoxide. 2,339,927; Jan. 25.
Heckendorn, Alphone. (See Felix, F., and Heckendorn.)
Hecker, John C. (See Hickman, K. C. D., and Hecker.)
Heckert, Winfield W. (See Edison, A. G., and Heckert.)
Heckett, Eric H., Titusville, Pa. Recovery and use of scrap steel. 2,352,717; July 4.
Heckman, August E., Seaford, N. Y. Screw die head. 2,357,739; Sept. 5.
Heckman, John A. (See Corley, M. H., and Heckman.)
Heckmanns, Franz, Leverkusen-Wiesdorf, and M. Meisenheimer, Leverkusen-Kupperstag, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Protection of seeds against birds. 2,339,335; Jan. 18.
Hed, Oscar A. (See Cantrell, M. L., and Hed.)
Hedberg, Carl W. J., Bound Brook, N. J., assignor to Research Corporation, New York, N. Y. Electrical precipitator. 2,349,550; May 23.
Heddens, Lawrence A., Bradford, Pa., assignor to Mahoney Chair Company, Gardner, Mass. Chair. 2,347,478; Apr. 25.
Hedding, Linnie K., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Regulating apparatus. 2,346,487; Apr. 11.
Hedenskoog, Ernest, Muskegon, Mich., assignor to The Brunswick-Balke-Collender Company, Chicago, Ill. Automatic bowling alley. 2,348,540; May 9.
Hedfield, Reynold T., assignor to Jas. P. Marsh Corporation, Chicago, Ill. Valve. 2,340,220; Jan. 25.
Hedgecock, Stanley, assignor to Laystall Engineering Company Limited, London, England. Controlling movements of valves or other elements. 2,348,383; May 9.
Hedges, Charles C., College Station, and P. E. Chaney, Beaumont, Tex., assignors to Sun Oil Company, Philadelphia, Pa. Drilling mud. 2,342,275; Feb. 22.
Hedges, Harry O., Seattle, Wash., assignor to Tabor-Hedges Company, Philadelphia, Pa. Rotary fuel injector. 2,365,636; Dec. 19.
Hedin, Oscar C., Cleveland Heights, assignor to The Weldon Tool Company, Cleveland, Ohio. Drawing machine or layout table. 2,347,558; Apr. 25.
Hedin, Oscar C., Cleveland Heights, assignor to The Weldon Tool Company, Cleveland, Ohio. Machine tool. 2,360,772; Oct. 17.
Hedley, Norman, and J. J. Kress, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Treatment of garnierite ores. 2,349,223; May 16.
Hedlund, Folke G. H., Stockholm, Sweden, assignor, by mesne assignments, to J. C. Marble, Riverside, Conn., C. A. Adee, Port Washington, and G. Carlson, New York, N. Y., as trustees. Internal combustion engine of the solid injection type. 2,345,256; Mar. 28.
Hedlund, William T., New Rochelle, assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,342,860; Feb. 29.
Hedstrom, Lars, West Orange, N. J. Dispensing device. 2,360,418; Oct. 17.
Heebink, Bruce G., Middleton, assignor to Research Products Corporation, Madison, Wis. Filter. 2,341,097; Feb. 8.
Heer, Jules. (See Miescher, K., and Heer.)
Heer, Jules. (See Miescher, K., Fischer, and Heer.)
Heerema, Jacob. (See Owens, J. S., Heerema, and Stanton.)
Heering, Harry. (See Klute, F., and Heering.)
Heetderks, Henry J., Holland, Mich. Wringer guard. 2,354,085; July 18.
Heffelfinger, Robert D., Reading, assignor to Hamilton Watch Company, Lancaster, Pa. Grinding machine. 2,363,128; Nov. 21.
Heffner, William B., Hillside, N. J., and W. Willenbruch, Lynbrook, assignors to Western Electric Company, Incorporated, New York, N. Y. Electrical connector. 2,345,671; Apr. 4.
Hefler, Rudolf, and H. C. Myers, assignors to Butler Manufacturing Company, Kansas City, Mo. Locating holes in structural members. 2,347,411; Apr. 25.
Hefner, George D., Oak Park, Ill. Combination traffic control and flashlight device. 2,340,530; Feb. 1.
Heftler, Paul. (See Newton, G. W., and Heftler.)
Heftler, Paul, Grosse Pointe Park, Mich. Automobile brake and suspension linkage. 2,350,353; June 6.
Heger, Wilhelm A., Landsdowne, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Take-off and tensioning device for strand supplies. 2,346,917; Apr. 18.
Heggs, Kenneth, Kirkwood, assignor to Mississippi Valley Last Company, St. Louis, Mo. Shoe last. 2,359,990; Oct. 10.
Hegwein, Georg, Dessau, Germany; vested in the Alien Property Custodian. Safety ignition device for gas burners. 2,343,904; Mar. 14.
Hehemann, Frederick H., Cincinnati, Ohio. Valve. 2,342,278; Feb. 22.
Hehn-Hitner Developing Corporation, Inc. (See Hehn, Otto, assignor.)
Hehn, Otto, assignor to Hehn-Hitner Developing Corporation, Inc., Philadelphia, Pa. Coated fabric and composition for coating the same. 2,343,180; Feb. 29.
Hehn, Otto, assignor to The Sparks-Withington Company, Jackson, Mich. Projection screen. 2,346,257; Apr. 11.
Heide, Frank W., San Francisco, Calif. Scriber. 2,346,840; Apr. 18.
Heidenfelder, Fred A. (See Bicknell, G. B., and Heidenfelder.)
Heidenreich, Alfredo, Buenos Aires, Argentina. Narrow foldable bridge. 2,344,772; Mar. 21.

Heidinger, Willy, Pocking, Germany, assignor to International Business Machines Corporation, New York, N. Y. Analyzing device. 2,362,004; Nov. 7.
Heidman, William A., Jr. (See Heidman, W. A., and W. A., Jr.)
Heidman, William A., and W. A., Jr., Grand Rapids, Mich. Locking device. 2,356,403; Aug. 22.
Heigis, Henry E., Nutley, assignor to Specialties Development Corporation, Bloomfield, N. J. Cylinder rack. Re. 22,507; June 27.
Heigis, Henry E., West Orange, and T. N. Hannant, Cedar Grove, assignors to Specialties Development Corporation, Bloomfield, N. J. Flotation apparatus. 2,353,161; July 11.
Heigis, Henry E., West Orange, assignor to Specialties Development Corporation, Bloomfield, N. J. Emergency actuating system for fluid motors. 2,365,700; Dec. 26.
Heigl, John J., and L. R. Hodell, Tulsa, Okla., assignors to Standard Oil Development Company. Determining permeability of geologic structures. 2,364,975; Dec. 12.
Heil Co., The. (See Errath, Edward O., assignor.)
Heil Co., The. (See French, F. C., assignor and Hendrickson.)
Heil Co., The. (See French, Henry C., assignor.)
Heil Co., The. (See French, H. C., and Storatz, assignors.)
Heil Co. The. (See Meyer, Arnold F., assignor.)
Heil Co., The. (See (Schmidt, H. L., assignor) and Hendrickson.)
Heil, Oskar, Ludwigshafen-on-the-Rhine, Germany, assignor to Radio Corporation of America. High frequency apparatus. 2,363,962; Nov. 28.
Heil, Ralph J. (See Kuna, A. E., and Heil.)
Heil, Vernon E., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Electric contact. 2,362,005; Nov. 7.
Heilman, Ernest D., Westfield, N. J., assignor to Standard Oil Development Company. Removable liner for viscous material containers. 2,348,622; May 9.
Heilmann, Thorbjørn, assignor to Separation Process Company, Copenhagen, Denmark. Froth flotation. 2,349,094; May 16.
Heimerdinger, Robert C., assignor to Greggory, Inc., Chicago, Ill. Furniture spring structure. 2,358,395; Sept. 19.
Heimerich, George R., Denver, Colo. Industrial X-ray film holder. 2,349,427; May 23.
Hein, Carl C., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Copper oxide rectifier. 2,342,734; Feb. 29.
Hein, Carl C., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Copper-oxide rectifiers. 2,359,107; Sept. 26.
Heindselman, George H., Provo, Utah. Eyeglasses. 2,340,663; Feb. 1.
Heineken & Coffeen. (See Coffeen, J. M., and Heineken, assignors.)
Heineken, William P. (See Coffeen, J. M., and Heineken.)
Heineman, Arnold H., Birmingham, Ala., assignor to Chicago Bridge & Iron Company. Pressure container. 2,341,547; Feb. 15.
Heineman, Arnold H., Birmingham, Ala., assignor to Chicago Bridge & Iron Company. Container. 2,341,548; Feb. 15.
Heineman, Warren F., assignor to A. O. Smith Corporation, Milwaukee, Wis. Making bombshells. 2,357,110; Aug. 29.
Heineman, William R., Meriden, Conn., assignor to General Electric Company. Making cold molding compositions. 2,340,123; Jan. 25.
Heinemann Circuit Breaker Company. (See Wilckens, Kurt W., assignor.)
Heinemann, Waldo, Philadelphia, Pa. Electric automatic starter. 2,365,267; Dec. 19.
Heiney, John W., Allentown, Pa., assignor to Mack Manufacturing Corporation, Long Island City, N. Y. Radiator surge tank. 2,343,145; Feb. 29.
Heinisch, Carl J. (See Gold, A. R., and Heinisch.)
Heinicke, Herbert M. E., Elgin, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Method of casting. 2,357,653; Sept. 5.
Heinl, Joseph L., Toledo, Ohio. Plant growing container and closure. 2,361,029; Oct. 24.
Heinmiller, Percival M. (See Barnhart, R. M., Bennett, and Heinmiller.)
Heinold, Gustav W., Leipsig, Germany; vested in the Alien Property Custodian. Lock washer. 2,350,756; June 6.
Heinrich, Ernst. (See Zerweck, W., and Heinrich.)
Heinrich, H. H., Inc. (See Harley, Earle L., assignor.)
Heinrich, Robert O., Racine, Wis. Quick-adjustable vise. 2,362,067; Nov. 7.
Heinrich, Walter A., Richmond Heights, assignor to James R. Kearney Corporation, St. Louis, Mo. Trailer. 2,344,551; Mar. 21.
Heinrich, William J., Englewood, assignor to A. A. Kramer, Kansas City, Mo. Sectional tank deck. 2,364,528; Dec. 5.
Heins, John J., Jr., Abington, assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Automatic phonograph. 2,352,542; June 27.
Heitmann, John, Brooklyn, N. Y. Airplane. 2,363,129; Nov. 21.
Heintz, James C., Lakewood, Ohio. Power stitcher. 2,341,988; Feb. 15.
Heintz, James C., Lakewood, Ohio. Tire repair. 2,342,195; Feb. 22.
Heintz, Ralph M., Cleveland, assignor to Jack & Heintz, Inc., Bedford, Ohio. Governor. 2,344,867; Mar. 21.
Heintz, Ralph M., Cleveland, assignor to Jack & Heintz, Inc., Bedford, Ohio. Engine starting system. 2,346,303; Apr. 11.
Heintz, Ralph M., Cleveland, assignor to Jack & Heintz, Inc., Bedford, Ohio. Torsional vibration damper. 2,346,432; Apr. 11.
Heintz, Ralph M., Cleveland, assignor to Jack & Heintz, Inc., Bedford, Ohio. Relay. 2,348,541; May 9.
Heintz, Ralph M., Cleveland, assignor to Jack & Heintz, Inc., Bedford, Ohio. Starter. 2,349,867; May 30.
Heintz, Ralph M., Cleveland, assignor to Jack & Heintz, Inc., Bedford, Ohio. Control system. 2,350,680; June 6.
Heintz, Ralph M., Cleveland, assignor to Jack & Heintz, Inc., Bedford, Ohio. Gyro. 2,358,927; Sept. 26.
Heintz, Ralph M., Cleveland, and B. G. Carlson, Erieside, assignors to Jack & Heintz, Inc., Cleveland, Ohio. Control device. 2,353,335; July 11.
Heintz, Ralph M., Cleveland, and P. F. Scofield, Cleveland Heights, assignors to Jack & Heintz, Inc., Bedford, Ohio. Armature construction. 2,353,336; July 11.
Heintz, Ralph M., Cleveland, and D. J. Conant, Cleveland Heights, Ohio., assignors to Jack & Heintz, Inc. Housing and making same. 2,353,466; July 11.
Heintz, Ralph M., Cleveland, and D. J. Conant, Cleveland Heights, assignors, by mesne assignments, to Jack & Heintz, Inc., Cleveland, Ohio. Self-contained energizer. 2,361,768; Oct. 31.
Heintz, Ralph M., Cleveland, and P. F. Scofield, Cleveland Heights, assignors to Jack & Heintz, Inc., Bedford, Ohio. Armature construction. 2,361,842; Oct. 31.
Heinz, Richard. (See Moore, Sewell P., assignor.)
Heinz, Winfield B., Bound Brook, N. J. Automatic tension control. 2,343,181; Feb. 29.
Heise, George W. (See Schumacher, E. A., and Heise.)
Heisenfeldt, John E., Wauwautosa, Wis. Fire extinguisher. 2,359,419; Oct. 3.
Heiser, Myron G., and W. C. Gilbert, Stratford, Conn., assignors to General Electric Company. Attachment plug. 2,343,664; Mar. 7.
Heisner, Donald A., assignor to The Lorain County Radio Corp., Lorain, Ohio. High frequency switching means. 2,347,826; May 2.
Heiss, Henry A. (See Ohlinger, L. A., and Heiss.)
Heitshu, Daniel C., Detroit, Mich., assignor to J. I. Case Company, Racine, Wis. Battery mounting. 2,360,056; Oct. 10.
Heitzman, George, assignor of one-half to W. K. Burd, Shamokin, Pa. Garment hanger. 2,343,865; Mar. 14.
Helberg, Robert J., assignor to Boeing Aircraft Company, Seattle, Wash. Cable tensioning device. 2,341,273; Feb. 8.
Helbig, Adolf. (See Ebbers, M., Helbig, and Mewes.)
Helbush, Herman H. (See Lipp, Elmer L., assignor.)
Helbush, Herman H. (See Wallace, Frank C., assignor.)
Helbush, Herman H., Los Angeles, Calif. Clamp applying tool. 2,339,397; Jan. 18.
Helbush, Herman H., Los Angeles, and E. L. Lipp, Glendale, Calif., assignor, by mesne assignments, to said Helbush. Clamp device. 2,345,817; Apr. 4.
Held, Max O., Milwaukee, Wis. Die casting machine. 2,339,265; Jan. 18.
Helder, Raymond P. (See Griffith, C. T., Gebhardt, and Helder.)
Helfeda, S. A. (See Mejean, Jacques G., assignor.)
Helgason, Helgi, Los Angeles, Calif. Combination periscope, seat, and cane. 2,360,494; Oct. 17.
Helgeson, Harold R., St. Paul, Minn. Sandblast stencil and making the same. 2,358,710; Sept. 19.
Helin, Francis A., assignor to The Bagley and Sewall Company, Watertown, N. Y. Fourdrinier wire change. 2,360,773; Oct. 17.
Hell, Fritz, Kiel, Germany; vested in the Alien Property Custodian. Pump for pasty masses, as concrete. 2,338,112; Jan. 4.
Hell, Rudolf, Berlin-Dahlem, Germany; vested in the Alien Property Custodian. Recording spindle. 2,356,584; Aug. 22.
Hellan, Haakon, Cleveland Heights, Ohio. Strainer. 2,354,752; Aug. 1.
Heller, George M. (See Jensen, James J.)
Heller, Harold S., Cleveland Heights, Ohio. Stapling machine. 2,351,042; June 13.
Heller, Harold S., Cleveland Heights, Ohio. Stapling machine. 2,351,043; June 13.
Heller, Harold S., Cleveland Heights, Ohio. Stapling machine. 2,351,044; June 13.
Heller, Harold S., Cleveland Heights, Ohio. Staple. 2,351,045; June 13.
Heller, Herman S. (See Tasker, Homer G., assignor.)
Heller, Herman S., West Los Angeles, Calif. Earphone recording system. 2,342,687; Feb. 29.
Heller, John K., assignor, by meane assignments, to Gasair Corporation, San Francisco, Calif. Gas mixing apparatus. Re. 22,556; Oct. 24.
Heller, László, Budapest, Hungary; vested in the Alien Property Custodian. Condensing spent steam. 2,356,404; Aug. 22.
Heller, Max, London, England. Degreasing apparatus. 2,364,976; Dec. 12.

Hellgren, Gustaf H., Stockholm, Sweden. Computing machine. 2,365,874; Dec. 26.

Hellier, William H. M. (See Grace, B. B., and Hellier.)

Hellier, William H. M., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Solenoid operated electric vibrator. 2,338,640; Jan. 4.

Hellings, William C., Los Angeles, and F. B. McLane, Montebello, Calif., assignors to Stauffer Chemical Company. Preparation of a new parasite control material. 2,350,328; June 6.

Hellman, Paul, assignor to Globe Products Manufacturing Company, Los Angeles, Calif. Dividing head. 2,341,099; Feb. 8.

Hellmann, Reinhard K., assignor to Great American Industries, Inc., Meriden, Conn. Apparatus for loading granular material into receptacles. 2,342,735; Feb. 29.

Hellstern, Aloysius U. (See Hellstern, Lucius A., assignor.)

Hellstern, Lucius A., assignor to A. U. Hellstern, Cleveland, Ohio. Bookmark. 2,344,613; Mar. 21.

Hellyar, Edwin G., Norwichtown, Conn. Shipping container. 2,342,668; Feb. 29.

Hellyar, Edwin G., Norwichtown, Conn. Shipping container. 2,343,236; Feb. 29.

Hellyar, Edwin G., assignor of seven-eighths to M. J. Hellyar and one-eighth to M. E. Hellyar, Norwichtown, Conn. Frame for transporting fabrics. 2,356,787; Aug. 29.

Hellyar, Miriam E., et al. (See Hellyar, Edwin G., assignor.)

Helm, Emerson B., Cleveland, Ohio. Smoker's draft tube. 2,349,551; May 23.

Helm, Emerson B., assignor to Industrial Rayon Corporation, Cleveland, Ohio. Flexible winding spool. 2,338,513; Jan. 4.

Helmers, Carl J. (See Guyer, J. A., Molique, and Helmers.)

Helmers, Carl J. (See Schulze, W. A. and Helmers.)

Helmick, Paul F., U. S. Army, Osborn, Ohio. Heater. 2,341,549; Feb. 15.

Helmond, William F., Clinton, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,349,723; May 23.

Helmond, William F., Clinton, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,354,520; July 25.

Helmond, William F., Clinton, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,356,842; Aug. 29.

Helmond, William F., Clinton, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,366,106; Dec. 26.

Helmond, William F., Clinton, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,366,107; Dec. 26.

Helmuth, Louis W., Lakewood, assignor to The Midland Steel Products Company, Cleveland, Ohio. Combination bathroom structure. 2,356,615; Aug. 15.

Helsel, Reuben H., Long Island City, assignor to General Register Corporation, New York, N. Y. Ticket issuing machine. 2,356,667; Aug. 22.

Helsel, Reuben H., Long Island City, assignor to General Register Corporation, New York, N. Y. Ticket issuing machine. 2,361,626; Oct. 31.

Helsten, Wesley A. (See Tack, C. E., and Helsten.)

Helsten, Wesley A., assignor to American Steel Foundries, Chicago, Ill. Duplex brake. 2,359,760; Oct. 10.

Helsten, Wesley A., assignor to American Steel Foundries, Chicago, Ill. Brake arrangement. 2,359,761; Oct. 10.

Helstrom, Frank A. (See Flygare, C. G., and Helstrom.)

Heltzel, John N., Warren, Ohio. Joint. 2,358,328; Sept. 19.

Heltzel, John N., Warren, Ohio. Expansion joint. 2,365,550; Dec. 19.

Heltzer, Harry, and J. E. Clarke, assignors to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Light reflector sheet. 2,354,018; July 18.

Helwig, Edward L., Bristol, assignor to Röhm & Haas Company, Philadelphia, Pa. Shaping thermoplastic domes. 2,365,637; Dec. 19.

Hem, Halvor O., assignor to Toledo Scale Company, Toledo, Ohio. Weighing scale. 2,341,216; Feb. 8.

Hem, Halvor O., assignor to Toledo Scale Company, Toledo, Ohio. Airplane testing apparatus. 2,353,033; July 4.

Hem, Halvor O., assignor to Toledo Scale Company, Toledo, Ohio. Weighing scale. 2,355,293; Aug. 8.

Hem, Halvor W., assignor to Toledo Scale Company, Toledo, Ohio. Weighing scale. 2,355,292; Aug. 8.

Hemmann, Otto. (See Klein, H., Hemmann, Keinke, Hofmann, and Boehmer.)

Hemmer, Lucien, Notre Dame de Gravenchon, France, assignor, by mesne assignments, to Standard Catalytic Company. Paving composition. 2,339,853; Jan. 25.

Hemmer, Lucien, Notre Dame de Gravenchon, France, assignor, by mesne assignments, to Standard Catalytic Company. Improving the adhesivity of bituminous compositions. 2,342,861; Feb. 29.

Hemming, Charles B., Parlin, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Emulsion composition. 2,346,755; Apr. 18.

Hemming, Charles B., Parlin, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Treatment of organic dielectric materials with high-frequency electric current. 2,364,790; Dec. 12.

Hemminger, Charles E., Westfield, N. J., assignor to Standard Oil Development Company. Cycle gas oils by thermal treatment. 2,340,960; Feb. 8.

Hemminger, Charles E., Westfield, N. J., assignor to Standard Oil Development Company. Processing of heavy gas oils. 2,341,376; Feb. 8.

Hemminger, Charles E., Westfield, N. J., assignor to Standard Oil Development Company. Activated coke. 2,342,862; Feb. 29.

Hemminger, Charles E., Westfield, N. J., assignor to Standard Oil Development Company. Chemical process. 2,343,770; Mar. 7.

Hemminger, Charles E., Westfield, N. J., assignor, by mesne assignments, to Standard Catalytic Company. Fuel oil gasification. 2,346,754; Apr. 18.

Hemminger, Charles E., Westfield, N. J., assignor to Standard Oil Development Company. Art of treating hydrocarbons. 2,346,428; May 23.

Hemminger, Charles E., Westfield, N. J., assignor to Standard Oil Development Company. Distillation method. 2,350,507; June 6.

Hemminger, Charles E., Westfield, N. J., assignor to Standard Oil Development Company. Conversion of hydrocarbon oils. 2,350,508; June 6.

Hemminger, Charles E., Westfield, N. J., assignor to Standard Oil Development Company. Halogenation process. 2,353,463; July 11.

Hemminger, Charles E., Westfield, N. J., assignor, by mesne assignments, to Standard Catalytic Company. Synthesis of hydrocarbons. 2,354,261; July 25.

Hemminger, Charles E., Westfield, N. J., assignor, by mesne assignments, to Standard Catalytic Company. Hydrogenation of carbon oxides. 2,357,894; Sept. 12.

Hemminger, Charles E., Westfield, N. J., assignor to Standard Oil Development Company. Chemical process. 2,358,573; Sept. 19.

Hemminger, Charles E., Westfield, N. J., assignor to Standard Oil Development Company. Chemical process. 2,359,310; Oct. 3.

Hemminger, Charles E., Westfield, N. J., assignor to Standard Oil Development Company. Viscosity reducing. 2,362,270; Nov. 7.

Hemminger, Charles E., assignor to Standard Oil Development Company, Westfield, N. J. Distillation apparatus. 2,363,246; Nov. 21.

Hempel, Emil, Zerbst in Anhalt, Germany; vested in the Alien Property Custodian. Injection mold. 2,356,585; Aug. 22.

Hemperly, William F., Bloomfield, N. J., assignor to Union Carbide and Carbon Corporation. Electrical conductor carrying vinyl resin composition. 2,349,413; May 23.

Hemphill Company. (See Fregeolle, Oscar, assignor.)

Hemphill Company. (See Fregeolle, O., and Green, assignors.)

Hemphill Company. (See Green, Isaac H. C., assignor.)

Hemphill Company. (See Green, I. H. C., and St. Pierre, assignors.)

Hemphill Company. (See Lee, William C., assignor.)

Hemphill Company. (See St. Pierre, E., and Fregeolle, assignors.)

Hemphill Company. (See Smith, William L., Jr., assignor.)

Hemphill, Lawrence E., Fort Wayne, Ind., assignor to General Electric Company. Commutator. 2,357,111; Aug. 29.

Hemphill, William B., Lansdowne, Pa. Safety device for motor vehicles. 2,360,227; Oct. 10.

Henares, Hilarion G., Manila, Philippine Islands; vested in the Alien Property Custodian. Apparatus for extracting fibers from fibrous husks. 2,348,813; May 16.

Henchert, John, and C. P. Ball, Chicago, Ill., assignors to Continental Can Company, Inc., New York, N. Y. Container side seam sealing compound applying apparatus. 2,344,303; Mar. 14.

Hendel, Margarete, Leipzig, Germany; vested in the Alien Property Custodian. Stand for cooking vessels. 2,350,757; June 6.

Hendel, William H., Minneapolis, Minn. Machine tool. 2,364,977; Dec. 12.

Henderson, Albert, Edgewood, assignor to W. P. Witherow, Pittsburgh, Pa. Panel-wall building construction. 2,351,856; June 20.

Henderson, Anne B., executrix. (See Keenan, Walter F.)

Henderson, Bee, Dryden, Tex. Pumping unit. 2,358,974; Sept. 26.

Henderson, Charles L., and C. R. Powers, Appleton, Wis., assignors to Paper Patents Company. Cylinder etching machine. 2,360,676; Oct. 17.

Henderson, Donald E. (See Garvey, B. S., and Henderson.)

Henderson, Eulalia C., and G. Stallard, San Francisco, Calif. Aviation landing field. 2,346,304; Apr. 11.

Henderson, Frederick C., assignor to The Hall China Company, East Liverpool, Ohio. Ceramic process. 2,346,579; Apr. 11.

Henderson, George T., and N. A. Ringhois, assignors to The Hinde & Dauch Paper Company, Sandusky, Ohio. Luggage box. 2,351,207; June 13.

Henderson, Lawrence M. (See Ayers, G. W., and Henderson.)

Henderson, Lawrence M. (See McNamara, T. L., and Henderson.)

Henderson, Lawrence M., Winnetka, and G. W. Ayers, Jr., assignors to The Pure Oil Company, Chicago, Ill. Removing mercaptans from hydrocarbon liquids. 2,341,917; Feb. 15.

Henderson, Lawrence M., Winnetka, G. W. Ayers, Jr., Chicago, Ill., and T. L. McNamara, Washington, D. C., assignors to The Pure Oil Company, Chicago, Ill. Removing mercaptans from hydrocarbon oil. 2,341,918; Feb. 15.

Henderson, Paul. (See Mason, Heber R., assignor.)

Henderson, Richard N. (See Robinson, M. E., and Henderson.)

Henderson, Robert. (See Adair, M., and Henderson.)

Henderson, Stanford, Buffalo, N. Y. Thermotic pump. 2,346,841; Apr. 18.

Henderson, Welch J., Kansas City, Mo. Dual shaker. 2,349,724; May 23.

Hendley, James A., assignor to The Russell Manufacturing Company, Middletown, Conn. Cartridge feed belt for machine guns and making the same. 2,342,802; Feb. 29.

Hendley, James A., assignor to The Russell Manufacturing Company, Middletown, Conn. Cartridge feed-belt for machine guns. 2,350,455; June 6.

Hendley, James A., assignor to The Russell Manufacturing Company, Middletown, Conn. Cartridge feed-belt for machine guns and making the same. 2,350,456; June 6.

Hendley, James A., assignor to The Russell Manufacturing Company, Middletown, Conn. Cartridge feed-belt for machine guns. 2,350,457; June 6.

Hendley, James A., assignor to The Russell Manufacturing Company, Middletown, Conn. Textile webbing. 2,358,638; Sept. 19.

Hendrick, John C., Wichita, Kans. Grinding tool for reseating gate valves. 2,351,124; June 13.

Hendricks, George F., St. Paul, Minn. Shoe. 2,358,161; Sept. 12.

Hendricks, Walter H., Sycamore, Ill. Closure. 2,352,382; June 27.

Hendrickson, Anton M., et al. (See Stotka, Louis, assignor.)

Hendrickson, Fred K., Worcester, assignor to Whitin Machine Works, Whitinsville, Mass. Silver can motion. 2,355,071; Aug. 8.

Hendrickson, Michael R., New Brighton, assignor, by mesne assignments, to Diescher Tube Mills, Inc., Beaver Falls, Pa. Cross rolling mill. 2,340,518; Feb. 1.

Hendrickson, Niels E., Toledo, Ohio. Spring. 2,342,339; Feb. 22.

Hendrickson, Robert T. (See French, H. C., and Hendrickson.)

Hendrickson, Robert T. (See Schmidt, H. L., and Hendrickson.)

Hendricx, Serge. (See Tritsmans, R. G., and Hendricx.)

Hendrix, Hurshel V., and C. C. Chapman, Oklahoma City, Okla., assignors to Phillips Petroleum Company. Catalyst manufacture. 2,342,196; Feb. 22.

Hendry, Norman, London, and J. A. Laird, Coventry, assignors to Joseph Lucas Limited, Birmingham, England. Distributor for high-tension ignition apparatus. 2,351,682; June 20.

Hendy, Joshua, Iron Works. (See Schott, Rudolph D., assignor.)

Henecka, Hans. (See Salzer, W., and Henecka.)

Henke, Clyde O., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Detergent and wetting compositions. 2,366,027; Dec. 26.

Henke, Karl, Bremen, Germany; vested in the Alien Property Custodian. Control mechanism for aircraft. 2,338,379; Jan. 4.

Henke, Sally M., Brooklyn, N. Y. Lady's handbag. 2,365,817; Dec. 26.

Henkelman, Charles E., Atlantic City, N. J. Temperature regulator for internal-combustion engines 2,353,337; July 11.

Henkle, Frederick Y., Kingston, Pa. Pipestem. 2,363,669; Nov. 28.

Henley, Emmett A., Bakersfield, Calif. Boiler. 2,358,007; Sept. 12.

Henley, John A., Sale, England, assignor to Metropolitan-Vickers Electrical Company, Limited. Electric circuit breaker. 2,349,095; May 16.

Henley, Robert H. (See Pennington, Neal A., assignor.)

Henley's, W. T., Telegraph Works Company Limited. (See Hoban, Hugh C., assignor.)

Hennessy, James J., Montclair, N. J. Oil sump drain valve. 2,353,467; July 11.

Hennessy, James J., Montclair, N. J. Railway journal box lubricator. 2,359,643; Oct. 3.

Hennessy, John F., assignor to Geo. D. Roper Corporation, Rockford, Ill. Kitchen heating gas range. 2,349,788; May 23.

Hennessy, John F., and J. I. Thulander, assignors to Geo. D. Roper Corporation, Rockford, Ill. Oven door seal. 2,339,398; Jan. 18.

Hennessy, Leroy J. (See Bailey, R. L., and Hennessy.)

Henney, Charles F. (See Gould, R. E., and Henney.)

Henney Motor Company. (See Schofield, Earl L., assignor.)

Hennig, Fritz, Berlin, Germany; vested in the Alien Property Custodian. Telegraphy transmitter. 2,340,590; Feb. 1.

Henning, George E., Joppa, O. G. Nelson, and J. A. Wagner, Baltimore, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Tension controlling apparatus. 2,338,848; Jan. 11.

Henning, Otto. (See Bicknell, G. M., and Henning.)

Henninger, Arthur H., Floral Park, assignor to General Chemical Company, New York, N. Y. Monocalcium phosphate crystallization. 2,343,456; Mar. 7.

Hennion, George F., South Bend, Ind., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Sulphonation of organic compounds. 2,365,638; Dec. 19.

Henrici, Fritz W. A., Milton, Mass., assignor to The Prosperity Company, Inc., Syracuse, N. Y. Liquid temperature control unit. 2,355,975; Aug. 15.

Henricks, Clarence W., Emporia, Kans. Railway tie remover. 2,339,399; Jan. 18.

Henricks, John A., Jr., assignor to The Udylite Corporation, Detroit, Mich. Cadmium plating. 2,350,165; May 30.

Henricks, Raymond A., assignor of thirty-five per cent to C. Bush, Indianapolis, Ind. Deep well pump jack. 2,346,026; Apr. 4.

Henrikson, Bror W. (See Polhemus, J. K., and Henrikson.)

Henrikson, Oscar W., Chicago, Ill., assignor to Automatic Electric Laboratories, Inc. Hand telephone mounting. 2,351,125; June 13.

Henrite Products Corporation. (See Loftis, Homer J., assignor.)

Henroteau, François C. P., Ottawa, Ontario, Canada. Vehicle position indicating means. 2,363,416; Nov. 21.

Henry, Beulah L., New York, N. Y. Duplex sound producer. 2,346,580; Apr. 11.

Henry, Donald J. (See Clements, F. O., Terry, and Henry.)

Henry, Earle G., Wilmette, Ill., assignor to Buckley Music System, Inc. Coin-controlled selector. 2,348,434; May 9.

Henry, Guy J., Chicago, Ill. Relief valve. 2,353,306; July 11.

Henry, Herbert C. (See Ventre, E. K., Ambler, Byall, and Henry.)

Henry, Herbert C. (See Ventre, E. K., Henry, and Gayle.)

Henry, Howarth P., assignor to Automotive Products Company Limited, Leamington, Spa, England. Control for aircraft. 2,364,441; Dec. 5.

Henry, Israel H. (See Busch, A. J., and Henry.)

Henry, Israel H. (See Busch, A. J., Henry, and Seibel.)

Henry, Otto H. (See Hartley, J. C., and Henry.)

Henry, Robert W. (See Goodson, L. B., Montgomery, and Henry.)

Henry, Robert W. (See Montgomery, J. V., Goodson, and Henry.)

Henry, Robert W., Bartlesville, Okla., assignor to Phillips Petroleum Company. Manufacture of improved lubricating oils. 2,356,843; Aug. 29.

Henry, Robert W., Bartlesville, Okla., assignor to Phillips Petroleum Company. Isomerization of hydrocarbons. 2,366,028; Dec. 26.

Henry Vogt Machine Co. (See Kubaugh, Benjamin F., assignor.)

Henry, William M. (See Elder, F. C., Henry, and Reed.)

Henry, William M. (See Harris, A. W., and Henry.)

Henry, William V., Candler, assignor to American Enka Corporation, Enka, N. C. Winding device for strand materials. 2,353,667; July 18.

Henry & Wright Manufacturing Company, The. (See Sherman, Cortis F., assignor.)

Henry & Wright Manufacturing Company, The. (See Sherman, C. F., and Caserta, assignors.)

Henschke, William O. (See Kongsted, L. P., and Henschke.)

Hensel, Franz R., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Bearing. 2,341,550; Feb. 15.

Hensel, Franz R., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Bearing. 2,364,713; Dec. 12.

Hensel, Franz R., and E. I. Larsen, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Metal composition. 2,358,326; Sept. 19.

Hensel, Franz R., and E. L. Larsen, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Making sintered copper chromium metal composition. 2,362,007; Nov. 7.

Hensel, Walter C., assignor to Universal Oil Products Company, Chicago, Ill. Insulating block. 2,341,777; Feb. 15.

Hensel, Walter C., assignor to Universal Oil Products Company, Chicago, Ill. Heating of fluids. 2,355,800; Aug. 15.

Hensel, Walter C., and L. A. Mekler, assignors to Universal Oil Products Company, Chicago, Ill. Tube support. 2,345,257; Mar. 28.

Henshaw, Richard C., assignor to Lord Manufacturing Company, Erie, Pa. Vibration damping mounting. 2,351,427; June 13.

Hensler, Bernard A. (See Christian, D. A., and Hensler.)

Henszey, Roy O., assignor to Carnation Company, Oconomowoc, Wis. Cap leak detector. 2,339,639; Jan. 18.

Heaney, Roy O., and P. Smart, assignors to Carnation Company, Oconomowoc, Wis. Method and apparatus for detecting defects in filled cans. 2,339,638; Jan. 18.
Heatrich, Winfrid, Rodleben, near Dessau-Rosslau, and E. Schrim and H. J. Engelbrecht, Dessau, Germany; vested in the Alien Property Custodian. Preparing capillary active substances. 2,341,614; Feb. 15.
Heatrich, Winfrid, Rodleben, near Dessau-Rosslau, Anhalt, and A. Kirstahler, Dessau, Anhalt, Germany; vested in the Alien Property Custodian. Manufacture of condensation products. 2,345,121; Mar. 28.
Heatrich, Winfrid, and R. Endres, Dessau-Rosslau, Germany; vested in the Alien Property Custodian. Thiodiglycol ester plasticized polyvinyl chloride. 2,356,586; Aug. 22.
Heatrich, Winfrid, Dusseldorf-Reisholz, W. Kaiser, Dessau in anhalt, and W. Reuss, deceased, Dusseldorf-Benrath, by C.-H. Winkler, administrator, Dusseldorf, Germany; vested in the Alien Property Custodian. Quaternary ammonium compounds. 2,356,587; Aug. 22.
Heise, Henry R., Austin, Tex., assignor to Eli Lilly and Company, Indianapolis, Ind. Preparing 1-(substituted alkyl)-5,5-disubstituted barbituric compounds. 2,344,459; Mar. 14.
Heise, Otto C. W. (See Pollock, R. T., and Heise.)
Heise, Otto C. W., and E. Nyborg, assignors to J. L. Sweeney, New York, N. Y. Typewriting machine. 2,343,906; Mar. 14.
Heisel, George L. (See Keuffel, A. W., and Heisel.)
Heisi, Ernest A. (See Bonhôte, G., and Heisi.)
Hepp, Harold J. (See Frey, F. E., and Hepp.)
Heppenstall Company. (See Heppenstall, Max R., assignor.)
Heppenstall, Max R., assignor to Heppenstall Company, Pittsburgh, Pa. Lathe. 2,339,400; Jan. 18.
Heppner, Fritz A. M., Onchan, Isle of Man. Hydrokinetic torque transmitting device. 2,349,725; May 23.
Heppner, Fritz A. M., Leamington Spa, assignor to Armstrong Siddeley Motors Limited, Coventry, England. High-speed propulsion plant. 2,360,130; Oct. 10.
Heppner, George Q., Oldenburg, Ind. Cultivating and weeding attachment for motorcycles. 2,362,374; Nov. 7.
Heptinstall, Dennis L., Bristol, England. Register translator or like device. 2,355,437; Aug. 8.
Herbener, Henry M., Thomasville, Ga. Combined bust supporter and filler. 2,342,076; Feb. 15.
Herbener, Henry M., Thomasville, Ga. Folder for bills, coins, or the like. 2,346,433; Apr. 11.
Herbener, Henry M., Thomasville, Ga. Bill folder or the like. 2,346,434; Apr. 11.
Herbener, Henry M., Thomasville, Ga. Folder for bills, cards, coins, keys or the like. 2,352,383; June 27.
Herbener, Henry M., Thomasville, Ga. Bill folder or the like. 2,358,008; Sept. 12.
Herbert, Alfred, Limited. (See Lloyd, Arthur H., assignor.)
Herbert, Charles C., San Jose, Calif. Concentrating table. 2,355,374; Aug. 8.
Herbert, Charles C., San Jose, Calif. Ore concentrator. 2,355,375; Aug. 8.
Herbert, Charles C., San Jose, Calif. Dredger. 2,363,790; Nov. 28.
Herbert, Leon S., assignor to T. N. Herbert, Merion, Pa. Boot covering. 2,344,773; Mar. 21.
Herbert, Theotiste N. (See Herbert, Leon S., assignor.)
Herbig, Henry F. (See Deakin, G., and Herbig.)
Herbig, Henry F., Madison, N. J., assignor to International Standard Electric Corporation, New York, N. Y. Electric selection controlling circuit. 2,354,682; Aug. 1.
Herbranson, Edward O., Hibbing, Minn. Scarf. 2,346,918; Apr. 18.
Herbst, Henry J. (See Boedeker, Edward W., assignor.)
Herbster, George, Cleveland, Ohio. Ventilator. 2,355,294; Aug. 8.
Hercik, Lad L., Lakewood, assignor to The Hill Acme Company, Cleveland, Ohio. Grinding and polishing machine. 2,349,964; May 30.
Hercules Glue Company, Ltd. (See Dolman, Clarence D., assignor.)
Hercules Powder Company. (See Alexander, H. B., and Cordle, assignors.)
Hercules Powder Company. (See Allison, Elton R., assignor.)
Hercules Powder Company. (See Anderson, Gilbert R., assignor.)
Hercules Powder Company. (See Barab, Jacob, assignor.)
Hercules Powder Company. (See Barwell, Allen C., assignor.)
Hercules Powder Company. (See Bent, Leavitt N., assignor.)
Hercules Powder Company. (See Bergamini, Charles E., assignor.)
Hercules Powder Company. (See Billing, Wyly M., assignor.)
Hercules Powder Company. (See Bitting, C. D., and Lawrence, assignors.)
Hercules Powder Company. (See Borglin, Joseph N., assignor.)
Hercules Powder Company. (See Cairns, Robert W., assignor.)
Hercules Powder Company. (See Campbell, William P., assignor.)
Hercules Powder Company. (See Carson, William F., Jr., assignor.)
Hercules Powder Company. (See Clare, Irwin C., assignor.)
Hercules Powder Company. (See Cox, Richard F. B., assignor.)
Hercules Powder Company. (See Crater, Willard D., assignor.)
Hercules Powder Company. (See Crater, Willard de C., assignor.)
Hercules Powder Company. (See De Bell, John M., assignor.)
Hercules Powder Company. (See De Laney, William W., assignor.)
Hercules Powder Company. (See Farrell, William J., assignor.)
Hercules Powder Company. (See Georgi, Edmund A., assignor.)
Hercules Powder Company. (See Gloor, Walter E., assignor.)
Hercules Powder Company. (See Goodyear, Ellsworth S., assignor.)
Hercules Powder Company. (See Hanley, Edward J., assignor.)
Hercules Powder Company. (See Humphrey, Irvin W., assignor.)
Hercules Powder Company. (See Jones, Charles L., assignor.)
Hercules Powder Company. (See Kingery, Clark B., assignor.)
Hercules Powder Company. (See Kirkpatrick, William J., assignor.)
Hercules Powder Company. (See Lawrence, Robert W., assignor.)
Hercules Powder Company. (See Lister, Donald A., assignor.)
Hercules Powder Company. (See Little, Julius G., assignor.)
Hercules Powder Company. (See Long, John H., assignor.)
Hercules Powder Company. (See Lorand, Eugene J., assignor.)
Hercules Powder Company. (See Medl, Robert C., Jr., assignor.)
Hercules Powder Company. (See Miller, Abraham B., assignor.)
Hercules Powder Company. (See Moore, Malcolm C., assignor.)
Hercules Powder Company. (See Morrow, Donald G., assignor.)
Hercules Powder Company. (See Mustaparta, George R., assignor.)
Hercules Powder Company. (See Oswald, Frank G., assignor.)
Hercules Powder Company. (See Ott, Emil, assignor.)
Hercules Powder Company. (See Pickett, Oscar A., assignor.)
Hercules Powder Company. (See Ray, Philip A., assignor.)
Hercules Powder Company. (See Rothrock, John E., assignor.)
Hercules Powder Company. (See Rummelsburg, Alfred L., assignor.)
Hercules Powder Company. (See Schlaanstine, Raymond F., assignor.)
Hercules Powder Company. (See Schultz, E. D., and Shaefer, assignors.)
Hercules Powder Company. (See Sheffield, Donald H., assignor.)
Hercules Powder Company. (See Smith, Earl D., assignor.)
Hercules Powder Company. (See Speicher, John K., assignor.)
Hercules Powder Company. (See Spurlin, Harold M., assignor.)
Hercules Powder Company. (See Stern, Raphael L., assignor.)
Hercules Powder Company. (See Stuart, Joseph, II, assignor.)
Hercules Powder Company. (See Stuart, J., II, Jappe, and Smith, assignors.)
Hercules Powder Company. (See Tinsley, John S., assignor.)
Hercules Powder Company. (See Traylor, William N., assignor.)
Hercules Powder Company. (See Tyler, Cleil E., assignor.)
Hercules Powder Company. (See Wilson, Ernest S., assignor.)
Herdan, Dora. (See Strenger, B., and Herdan.)
Herdman, Robert E., Salt Lake City, Utah, assignor to Eitel-McCullough, Inc., San Bruno, Calif. Welded joint and making the same. 2,341,716; Feb. 15.
Hergenrather, William E., Dayton, Ohio. Door construction. 2,358,639; Sept. 19.
Hering, Edward, Beverly, N. J., assignor to United States Pipe and Foundry Company. Joint for concrete pipe. 2,350,231; May 30.
Hering, Paul C., Lawrence, Mass. Collapsible cloth roller. 2,340,381; Feb. 1.

Herkenhoff, Earl C., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Separation of pyrite, arsenopyrite, and pyrrhotite by flotation. 2,342,277; Feb. 22.
Herkert, Leo M. (See Korevec, Edward A., assignor.)
Herle, Frank L. (See Hirsch, J. H., and Herle.)
Herlocker, Robert D., Hammond, M. P. Kleinholz, East Chicago, Ind., and F. M. Watkins, Chicago, Ill., assignors to Sinclair Refining Company, New York, N. Y. Lubricant. 2,360,323; Oct. 17.
Herlocker, Robert D., Hammond, M. P. Kleinholz, East Chicago, Ind., and S. M. Watkins, Chicago, Ill., assignors to Sinclair Refining Company, New York, N. Y. Lubricant. 2,360,324; Oct. 17.
Herman, Carrington, administrator. (See Davies, Arthur E.)
Herman, David. (See Markey, R. I., Herman, and Schaefer.)
Herman, Kenneth R., assignor to Vickers, Incorporated, Detroit, Mich. Viscosity flow control. 2,343,375; Mar. 7.
Herman, Kenneth R., assignor to Vickers Incorporated, Detroit, Mich. Power transmission pump or motor. 2,345,979; Apr. 4.
Herman, Kenneth R., Franklin, and R. C. Griffith, assignors to Vickers Incorporated, Detroit, Mich. Accumulator. 2,345,475; Mar. 28.
Herman, Victor G., New York, N. Y. Whistling projectile. 2,352,260; June 27.
Hermani, Louis, Baltimore, Md., assignor to Owens-Illinois Can Company. Machine for assembling metal containers. 2,344,460; Mar. 14.
Hermani, Louis, Baltimore, Md., assignor to Owens-Illinois Can Company. Orienting mechanism. 2,344,461; Mar. 14.
Hermani, Louis, Baltimore, Md., assignor to Owens-Illinois Can Company. Punch press. 2,361,687; Oct. 31.
Hermann, Benjamin R., Lanesborough, Mass., assignor to General Electric Company. Fuse link. 2,341,865; Feb. 15.
Hermann, Edward O., Mill Valley, Calif. Cargo brace for freight vehicles. 2,354,861; Aug. 1.
Hermann, Le Roy N., Chicago, Ill. Camera exposure control. 2,354,315; July 25.
Hermanns, Otto E., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Molding apparatus. 2,338,329; Jan. 4.
Hermanns, Otto E., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Apparatus for assembling resilient joints. 2,347,780; May 2.
Hermansen, Henry V., Baltimore, Md., assignor to Bendix Aviation Corporation, South Bend, Ind. Frequency measuring apparatus. 2,358,127; Sept. 12.
Hermanson, John H., Brooklyn, N. Y. Safety attachment for watercraft. 2,354,316; July 25.
Hermelin, Carl M. A., Ulvsunda, assignor to Aktiebolaget Rosenblads Patenter, Stockholm, Sweden. Tubular film evaporating apparatus. 2,349,657; May 23.
Hermes, Karl, Mainz, Germany; vested in the Alien Property Custodian. Softening feed water for boilers. 2,356,405; Aug. 22.
Hermitte, Louis A., LaCourneuve, France; vested in the Alien Property Custodian. Device for starting gas turbine motor plants. 2,365,551; Dec. 19.
Herold, Paul, K. Smeykal, F. Asinger, and W. Wolf, Leuna, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Production of organic compounds containing sulphur, chlorine, and oxygen. 2,352,097; June 20.
Herold, Walter F., Eaton, assignor to The Bassick Company, Bridgeport, Conn. Industrial truck. 2,360,874; Oct. 24.
Herold, Walter F., Easton, assignor to The Bassick Company, Bridgeport, Conn. Industrial truck. 2,361,290; Oct. 24.
Herold, Walter F., Easton, assignor to The Bassick Company, Bridgeport, Conn. Tilting chair mounting. 2,365,468; Dec. 19.
Heron, Hugh D., Outremont, Quebec, Canada. Construction of condensers and the like. 2,342,398; Feb. 22.
Heron, Sam D., assignor of one-half to Ethyl Corporation, Detroit, Mich., and one-half to United Aircraft Corporation, East Hartford, Conn. Spark plug. 2,347,050; Apr. 18.
Heron, Sam D., and K. Beaver, assignors of one-half to Ethyl Corporation, Detroit, Mich., and one-half to United Aircraft Corporation, East Hartford, Conn. Spark plug. 2,347,051; Apr. 18.
Herr, Donald S. (See Myers, R. J., and Herr.)
Herr, Robert C., Gaston, Oreg. Straw and foliage cutter attachment for plows. 2,341,143; Feb. 8.
Herreshoff, Alexander G., Grosse Pointe, and W. Lamb, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Coupling. 2,359,555; Oct. 3.
Herrick, Homer K., South Pasadena, and C. J. Horn, Arcadia, Calif., assignors to Stephens-Adamson Mfg. Co. Marine leg unloading apparatus. 2,365,818; Dec. 26.
Herrick, Homer K., South Pasadena, and C. J. Horn, Arcadia, Calif., assignors to Stephens-Adamson Mfg. Co. Truck support for heavy traveling machines. 2,365,819; Dec. 26.
Herrick, Nelson, Hartford, assignor to J. E. Respess and A. A. La Pointe, West Hartford, Conn. Shovel equipment for trucks. 2,360,341; Oct. 17.
Herrick, Roswell H. (See Grandstaff, O. D., Gilman, and Herrick.)
Herrick, Roswell H., Oak Park, Ill., assignor to Automatic Electric Laboratories, Inc. Frequency reducing system. 2,340,382; Feb. 1.
Herrick, Roswell H., Oak Park, Ill., assignor to Automatic Electric Laboratories, Inc. Intercommunicating system. 2,345,048; Mar. 28.
Herriger, Felix, Berlin, Germany; vested in the Alien Property Custodian. Rectifier for voltage duplicating circuits. 2,348,814; May 16.
Herring, H. Lee, et al. (See Luclus, George P., assignor.)
Herrington, James A., assignor to Knu-Vise, Incorporated, Detroit, Mich. Toggle clamp. 2,350,034; May 30.
Herrmann, Carl V., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Contact process for manufacturing sulphuric acid. 2,357,195; Aug. 29.
Herrmann, Carl V., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manfacture of sulphuric acid by the contact process. 2,364,213; Dec. 5.
Herrmann, Heinrich, Nuremberg, Germany; vested in the Alien Property Custodian. Manufacturing selenium cells. 2,342,278; Feb. 22.
Herrmann, Heinrich, Nuremberg, Germany; vested in the Alien Property Custodian. Dry rectifier. 2,345,122; Mar. 28.
Herrmann, Heinrich, Nurnberg, Germany; vested in the Alien Property Custodian. Dry rectifier device. 2,356,588; Aug. 22.
Herrmann, Otto, Wiesbaden, and A. Wunderer, and H. Böttger, Wiesbaden-Biebrich, Germany; vested in the Alien Property Custodian. Making superpolyamide films. 2,351,208; June 13.
Herrmann, Paul J., Dresden, Germany; vested in the Alien Property Custodian. Device for the forming of tobacco rods in cigarette machines. 2,342,803; Feb. 29.
Herrnfeld, Frank, Los Angeles, Calif., assignor to Western Electric Company, Incorporated, New York, N. Y. Sound recording with supersonic modulator. 2,343,182; Feb. 29.
Herron, Albert O., assignor to Safety-Fuel Incorporated, West Cheshire, Conn. Stove for burning solidified hydrocarbon fuel. 2,356,788; Aug. 29.
Herron, Alexander T., Utica, N. Y. Apparatus for treating pile fabrics. 2,349,169; May 16.
Herron, Robert, Revere, Mass. Shoe sole. 2,339,401; Jan. 18.
Hersey, Arthur J., and C. L. Madden, Minneapolis, Minn. Cushioning device for absorbing shocks. 2,340,187; Jan. 25.
Hersey, Arthur J., and C. L. Madden, Minneapolis, Minn. Cushioned journal box. 2,365,875; Dec. 26.
Hersey, Donald S., East Hartford, Conn., and A. E. Smith, Kansas City, Kans., assignors to United Aircraft Corporation, East Hartford, Conn. Fuel metering device. Re. 22,447; Feb. 29.
Hersey, Ralph E., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Automatic toll ticketing system. 2,342,279; Feb. 22.
Hersh, Lloyd J., Allentown, assignor of one-half to J. P. Badenhausen, and one-half to F. L. Newton Corporation, Philadelphia, Pa. Separator. 2,358,508; Sept. 19.
Hershberger, Albert, Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Reinforced rubber structures. 2,360,946; Oct. 24.
Hershberger, Albert, Kenmore, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Moistureproof pellicle. 2,360,947; Oct. 24.
Hershberger, William D., Haddonfield, N. J., assignor to Radio Corporation of America. Electron tube oscillator circuit. 2,354,262; July 25.
Hershberger, William D., Princeton, N. J., assignor to Radio Corporation of America. Electron tube oscillator circuit. 2,354,636; July 25.
Herskind, Carl C. (See Schmidt, A., Jr., and Herskind.)
Herskovits, Benjamin, New York, N. Y. Control lever or wrench for gas meter inlet cocks. 2,350,354; June 6.
Herst, Jerome P. (See Links, J. A., and Herst.)
Hertel, Kenneth L., assignor to University of Tennessee Research Corporation, Knoxville, Tenn. Apparatus for and method of determining physical properties of porous material. 2,352,835; July 4.
Hertel, Kenneth L., assignor to University of Tennessee Research Corporation, Knoxville, Tenn. Method of and apparatus for determining physical properties of porous compressible materials. 2,352,836; July 4.
Hertel, MacNeil E., Haley, Ontario, assignor to Dominion Magnesium Limited, Toronto, Ontario, Canada. Apparatus for the production of metallic magnesium. 2,362,440; Nov. 14.
Hertel, Richard K. (See Nicolson, G. F., and Hertel.)
Herter, Edward J., Jr., Ridgewood, assignor to Metal Textile Corporation, West Orange, N. J. Protective covering or jacketing means. 2,365,268; Dec. 19.
Herthel, Eugene C., Flossmoor, Ill., assignor to Sinclair Refining Company, New York, N. Y. Manufacture of gasoline. 2,353,399; July 11.

Herthel, Eugene C., Chicago, Ill. Oil cracking process. 2,363,963; Nov. 28.
Hertz, Charles H., Jr., Hellertown, Pa., assignor to Bethlehem Steel Company. Slag deoxidation. 2,361,627; Oct. 31.
Hertzberg, William, New York, N. Y. Broom mop or the like. 2,342,280; Feb. 22.
Hertzberg, William, New York, N. Y. Mop or the like. 2,342,281; Feb. 22.
Hertzler, Ralph S., Elverson, and O. K. Umble, Atglen, Pa. Potato harvesting machine. 2,365,077; Dec. 12.
Herwick, Ole. (See Taylor, T. M., and Herwick.)
Herz, Erwin, New York, N. Y. Toy. 2,363,588; Nov. 28.
Hersberger, Maximilian J., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic lens. 2,350,035; May 30.
Herska, Benjamin W., New York, N. Y. Color filter for moving picture devices. 2,362,818; Nov. 14.
Hersmark, Nicolas, New York, N. Y. Engine starting device. Re. 22,424; Jan. 25.
Herzog, Carl, Belleville, N. J. Variable speed gearing. 2,338,514; Jan. 4.
Herzog, Carl, Belleville, N. J. Grid device. 2,347,262; Apr. 25.
Herzog, Carl, Belleville, N. J. Indexing mechanism. 2,359,420; Oct. 3.
Herzog, Carl, Belleville, N. J., assignor to Radio Corporation of America. Electron discharge device. 2,339,402; Jan. 18.
Herzog, Carl, Belleville, N. J., assignor to Radio Corporation of America. Metal envelope radio tube. 2,343,457; Mar. 7.
Herzog, Carl, Belleville, and P. A. Hauck, Union, N. J., assignors, by mesne assignments, to themselves, as joint tenants. Producing getters. 2,344,931; Mar. 21.
Herzog, Gerhard, Houston, Tex., assignor to The Texas Company, New York, N. Y. Well logging. 2,352,433; June 27.
Herzog, Gerhard, Houston, Tex., and J. H. Stein, Elmhurst, assignors to Texaco Development Corporation, New York, N. Y. Method and apparatus for measuring thickness. 2,349,429; May 23.
Herzog, Karl, North Tonawanda, N. Y., assignor to Curtiss-Wright Corporation. Flange forming apparatus. 2,362,006; Nov. 7.
Herzog, Robert, A. Wiessner, and R. Hintze, Berlin, and H. Gutsmann, Schoneiche, near Berlin, Germany; vested in the Alien Property Custodian. Radio cable. 2,342,736; Feb. 29.
Hess, Dr., & Clark, Inc. (See Harwood, Paul D., assignor.)
Hess, Frederic O., Germantown, Pa., assignor to Selas Corporation of America. Heating apparatus. 2,361,097; Oct. 24.
Hess, Frederic O., Germantown, and J. Ehlinger, Conshohocken, assignors to The Selas Company, Philadelphia, Pa. Furnace wall burner. 2,339,477; Jan. 18.
Hess, Frederic O., Germantown, and R. E. B. Wakefield, Aldan, Pa., assignors to Selas Corporation of America. Airplane heating system control. 2,364,214; Dec. 5.
Hess, Heinrich O., assignor to Actiengesellschaft Joh. Jacob Rieter & Cie., Winterthur, Switzerland. Draw frame. 2,353,338; July 11.
Hess, Lawrence J., Sparrows Point, Md., assignor to Bethlehem Steel Company. Pipe guide. 2,339,403; Jan. 18.
Hess, Walter R. (See Jensen, L. B., and Hess.)
Hess, Willis C., assignor to Trico Products Corporation, Buffalo, N. Y. Pump. 2,358,275; Sept. 12.
Hess, Willy, New York, N. Y. Footwear. 2,352,098; June 20.
Hessel, Frederick A., Upper Montclair, and J. B. Rust, Verona, N. J., assignor to Ellis-Foster Company. Acetone resin compositions and making same. 2,364,900; Dec. 12.
Hessenberg, Karl, Berlin-Charlottenburg, Germany, assignor to General Electric Company. Electric valve circuits. 2,356,589; Aug. 22.
Hesser, Edwin B., trustee. (See Hesser, Edwin B. and E. L. V., assignors.)
Hesser, Edwin B. and E. L. V., West Hollywood, Calif., assignors, by mesne assignments, to E. B. Hesser, as trustee. Positive printing in color photography. 2,338,849; Jan. 11.
Hesser, Eva L. V. (See Hesser, Edwin B. and E. L. V.)
Hesslein, Milton B., Montgomery, Ala., and A. T. Anderson, Dover, N. J. Machining explosive and apparatus therefor. 2,356,159; Aug. 22.
Hessler, John O. (See Fernlund, K. H., Hessler, and Hultberg.)
Hesson, Charles M., Hanover, Pa. Can arranging mechanism. 2,359,522; Oct. 3.
Hester, William F., Drexel Hill, and W. E. Craig, assignors to Röhm & Haas Company, Philadelphia, Pa. Insecticidal composition. 2,338,380; Jan. 4.
Hetherington, Robert, Sharon Hill, Pa. Guider for traveling stock. 2,339,266; Jan. 18.
Hetherington, Robert, Sharon Hill, Pa. Motor-operated cloth guider. 2,352,896; July 4.
Hetherington, Robert, and Son, Inc. (See Cox, Charles L., Jr., assignor.)
Hettinger, George, East Rutherford, N. J., assignor to American Sundries Company, Inc., Brooklyn, N. Y. Vaporizer. 2,343,458; Mar. 7.
Hettrick Manufacturing Company, The. (See Smith, William I., assignor.)
Hetz, Alfred, Stein, near Nuremberg, Germany; vested in the Alien Property Custodian. Apparatus for feeding rod-shaped articles onto dipping plates. 2,344,087; Mar. 14.
Heuer, Hans H. A., St. Petersburg, Fla. Winding device for retractable roofs. 2,350,758; June 6.
Heuer, Harry, Philadelphia, Pa. Metallurgical method and apparatus. 2,352,321; June 27.
Hewett, Philip S. (See Hodgins, T. S., Hewett, and Hovey.)
Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Variable load brake. 2,344,868; Mar. 21.
Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Piston mechanism. 2,344,869; Mar. 21.
Hewitt, Elmer S., Wilmette, Ill. Screwhead. 2,362,999; Nov. 21.
Hewitt, John T., Hurst, and T. F. West, assignors to Stafford Allen and Sons Limited, London, England. Preparation of compounds containing fused pyridine rings. 2,358,162; Sept. 12.
Hewitt, Robert B., Marysville, Calif. Adjustable stool carriage. 2,357,046; Aug. 29.
Hewlett, Amiot P. (See Read, C. L., and Hewlett.)
Hewlett, Amiot P., Cranford, and H. C. Paulsen, Elizabeth, N. J., assignors to Standard Oil Development Company. Refining mineral oils. 2,348,623; May 9.
Hewlett, Clarence W., Schenectady, N. Y., assignor to General Electric Company. Manufacture of rectifiers of the blocking layer type. 2,349,622; May 23.
Hewlett, Clarence W., Schenectady, N. Y., assignor to General Electric Company. Evaporator for treating surfaces. 2,354,521; July 25.
Hewson, Bertram T., London, England. Apparatus for obtaining colored images. 2,350,892; June 6.
Hey, Henry W. (See Ingres, J. G., and Hey.)
Hey, Henry W., assignor to Automatic Shifters, Inc., Richmond, Va. Gear shifting mechanism. 2,339,097; Jan. 18.
Hey, Henry W., Richmond, Va., and J. G. Ingres, Detroit, Mich., assignors to Automatic Shifters, Inc., Richmond, Va. Combined clutch control and gear shifting mechanism. 2,348,435; May 9.
Hey, Henry W., Richmond, Va., and J. G. Ingres, Detroit, Mich., assignors to Hill Engineering Corporation, Richmond, Va. Clutch control mechanism. 2,365,469; Dec. 19.
Heybourne, Victor C., Tonawanda, assignor to Remington Rand Inc., Buffalo, N. Y. Light support for document photographing cameras. 2,346,217; Apr. 11.
Heyden Chemical Corporation. (See Barth, R. H., and Burrell, assignors.)
Heyden Chemical Corporation. (See Burrell, Harry, assignor.)
Heyden Chemical Corporation. (See Eisenman, W., and Blumenfeld, assignors.)
Heyden, Robert A., Riverside, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Educational device. 2,338,850; Jan. 11.
Heyel, Frederick W. (See Hanson, W. J., and Heyel.)
Heyer, Benjamin F. W., Tenafly, assignor to Knickerbocker Development Corporation, Belleville, N. J. Battery testing apparatus. Re. 22,470; Apr. 18.
Heyer, Frederick K., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Glass-door lock. 2,338,851; Jan. 11.
Heyermans, Charles L., assignor to Oliver Pell Control Limited, London, England. Adjustable lamp bracket and the like. 2,345,393; Mar. 28.
Heym, Raymond S., Birmingham, Mich. Apparatus for automatically indicating the electrical conductivity of liquids. 2,358,163; Sept. 12.
Heyman, Gustave, Battle Creek, Mich. Blueprinting machine. 2,345,196; Mar. 28.
Heyman, Irene K. (See Heyman, Moses D., assignor.)
Heyman, Moses D., assignor of one-half to I. K. Heyman, Cedarhurst, N. Y. Transfer arm. 2,352,632; July 4.
Heyman, Wilbert A., assignor to Granular Foods, Inc., New York, N. Y. Solid expanded coffee corn syrup. 2,360,342; Oct. 17.
Heymann, Karl, Meadville, Pa., assignor to American Viscose Corporation, Wilmington, Del. Dyeing vinyl polymers. 2,351,046; June 13.
Heymann, Karl, Meadville, Pa., assignor to American Viscose Corporation, Wilmington, Del. Dyeing vinyl polymers. 2,362,375; Nov. 7.
Heymann, Karl, Meadville, Pa., assignor to American Viscose Corporation, Wilmington, Del. Dyeing vinyl polymers. 2,362,376; Nov. 7.
Heymann, Karl, Meadville, Pa., assignor to American Viscose Corporation, Wilmington, Del. Dyeing vinyl polymers. 2,362,377; Nov. 7.
Heymann, Roy D., Watertown, Mass., assignor to The William L. Gilbert Clock Corporation, Winsted, Conn. Clock case. 2,350,164; May 30.

Heymann, Seymour E., assignor to Stewart-Warner Corporation, Chicago, Ill. Heating apparatus. 2,346,966; Apr. 18.
Heymann, Seymour E., assignor to Stewart-Warner Corporation, Chicago, Ill. Airplane heating system. 2,357,112; Aug. 29.
Heymann, Seymour E., assignor to Stewart-Warner Corporation, Chicago, Ill. Heating apparatus. 2,362,271; Nov. 7.
Heymann, Seymour E., assignor to Stewart-Warner Corporation, Chicago, Ill. Scoop for aircraft. 2,362,552; Nov. 14.
Heymann, Seymour E., Hollywood, Calif., assignor to Stewart-Warner Corporation, Chicago, Ill. Heating system. 2,357,403; Sept. 5.
Heymann, Seymour E., Hollywood, Calif., H. J. D. McCollum, Chicago, and L. A. Williams, Jr., Northbrook; said Heymann and said Williams assignors to Stewart-Warner Corporation, Chicago, Ill. Aircraft heating system. 2,357,404; Sept. 5.
Heymer, Gerd, Wolfen, Kreis Bitterfeld, Germany, assignor to General Aniline & Film Corporation, New York, N. Y. Matrix film for the production of colored copies. 2,354,121; July 18.
Heyne, Clarence A. (See Fedorchak, W. J., Jackson, McCormick, Heyne, and Nelson.)
Heyne, Clarence A. (See Jackson, A. S., and Heyne.)
Heyne, Clarence A., Alton, Ill., assignor to Owens-Illinois Glass Company. Overload clutch. 2,353,824; July 18.
Heywood, Frank J., Mill Valley, Calif. Shutoff coupling. 2,350,681; June 6.
Heywood, Vincent E., Worcester, assignor to United States Envelope Company, Springfield, Mass. Method of and apparatus for making zigzag or fan-folded assemblies of series connected envelopes. 2,363,417; Nov. 21.
Heywood-Wakefield Company. (See Larsen, L., and Klar, assignors.)
Heywood-Wakefield Company. (See Parrish, Frank T., assignor.)
Hiatt, Gordon D. (See Malm, C. J., and Hiatt.)
Hiatt, Gordon D., and C. L. Crane, assignors to Eastman Kodak Company, Rochester, N. Y. Manufacture of cellulose esters containing higher acyl groups. 2,342,399; Feb. 22.
Hiatt, Gordon D., and J. Emerson, assignors to Eastman Kodak Company, Rochester, N. Y. Medical capsule. 2,349,430; May 23.
Hiatt, Gordon D., and J. Emerson, assignors to Eastman Kodak Company, Rochester, N. Y. Preparing dicarboxylic acid esters. 2,352,261; June 27.
Hibbard, Donald L. (See Linderman, G. B., Jr., and Hibbard.)
Hibbard, Frank H., Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Switching mechanism. 2,339,404; Jan. 18.
Hibbard, Frank H., Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Switching mechanism. 2,350,458; June 6.
Hibbard, Lloyd J., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control system. 2,361,199; Oct. 24.
Hibbard, Lloyd J., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control system. 2,361,200; Oct. 24.
Hibbard, Lloyd J., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Locomotive control system. 2,361,201; Oct. 24.
Hibbard, Robert L., deceased, Bellevue, assignor of one-half to W. K. Stamets, Mars, Pa.; S. C. Hibbard, R. L. Hibbard, Jr., and H. M. Junkin, executors. Machine tool. 2,365,820; Dec. 26.
Hibbard, Robert L., Jr., executor, et al. (See Hibbard, Robert L., assignor.)
Hibbard, Stewart C., executor, et al. (See Hibbard, Robert L., assignor.)
Hibner, De Los E. (See Arey, F. C., and Hibner.)
Hibner, De Los E., and F. C. Arey, Du Bois, Pa., assignors to Vulcan Soot Blower Corporation. Soot blower for double walled boiler settings. 2,343,112; Feb. 29.
Hibshman, Henry J., Plainfield, N. J., assignor to Standard Oil Development Company. Refining of mineral oils. 2,344,406; Mar. 14.
Hickes, Willis F., Snyder, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Yarn winding. 2,345,601; Apr. 4.
Hickey, John J., Arlington, N. J. Mixing and dispensing device. 2,349,623; May 23.
Hickey, Robert B., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Making yarn. 2,338,641; Jan. 4.
Hickin, Norman E., Castle Bromwich, and W. H. Hogg and M. A. Castle, Sutton Coldfield, assignors to Dunlop Rubber Company Limited, County of London, England. Shock absorbing mounting for instruments and like purposes. 2,357,740; Sept. 5.
Hickling, Edith, assignor to F. J. Hickling, Minneapolis, Minn. Toy train. 2,360,030; Oct. 10.
Hickling, Frank J. (See Hickling, Edith, assignor.)
Hickling, Frederick O., West Bridgford, assignor to Ransome and Marles Bearing Company Limited, Stanley Works, Newark-on-Trent, England. Making roller-bearing cages. 2,342,340; Feb. 22.
Hickling, Frederick O., West Bridgford, Nottingham, assignor to Ransome and Marles Bearing Company Limited, Newark-on-Trent, Nottingham, England. Cage for use in ball bearings. 2,357,196; Aug. 29.
Hickling, Frederick O., West Bridgford, Nottingham, assignor to Ransome and Marles Bearing Company Limited, Newark-on-Trent, England. Cage for use in ball bearings. 2,360,419; Oct. 17.
Hickman, Albert F., assignor to Hickman Pneumatic Seat Co., Inc., Eden, N. Y. Torsion rod spring suspension. 2,362,483; Nov. 14.
Hickman, Albert F., Eden, and H. I. Popp, Buffalo, assignors to Hickman Pneumatic Seat Co., Inc., Eden, N. Y. Seat. 2,357,825; Sept. 12.
Hickman, Clarence N., Jackson Heights, N. Y., assignor to the Government of the United States of America, as represented by the Secretary of War. Pressure gauge. 2,362,484; Nov. 14.
Hickman, Clarence N., Jackson Heights, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Selector switch. 2,362,632; Nov. 14.
Hickman, Clarence N., Jackson Heights, and R. F. Mallina, Hastings on Hudson, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Preset call transmitter. 2,346,305; Apr. 11.
Hickman, Darold B., assignor to Evans Case Company, North Attleboro, Mass. Lighter. 2,352,897; July 4.
Hickman, Kenneth C. D., assignor to Distillation Products, Inc., Rochester, N. Y. Vacuum apparatus. 2,343,665; Mar. 7.
Hickman, Kenneth C. D., assignor to Distillation Products, Inc., Rochester, N. Y. Centrifugal still. 2,343,667; Mar. 7.
Hickman, Kenneth C. D., assignor to Distillation Products, Inc., Rochester, N. Y. High vacuum still. 2,343,668; Mar. 7.
Hickman, Kenneth C. D., assignor to Distillation Products, Inc., Rochester, N. Y. Recovery of tocopherol. 2,349,269; May 23.
Hickman, Kenneth C. D., assignor to Distillation Products, Inc., Rochester, N. Y. Purification of sludges, scums, and the like to prepare relatively purified tocopherol. 2,349,270; May 23.
Hickman, Kenneth C. D., assignor to Distillation Products, Inc., Rochester, N. Y. Antioxidants. 2,349,274; May 23.
Hickman, Kenneth C. D., assignor to Distillation Products, Inc., Rochester, N. Y. Separation of tocopherol from scum with solvents. 2,349,275; May 23.
Hickman, Kenneth C. D., assignor to Distillation Products, Inc., Rochester, N. Y. Preparation of tocopherol products. 2,349,276; May 23.
Hickman, Kenneth C. D., assignor to Distillation Products, Inc., Rochester, N. Y. Preparation of stabilized edible substances. 2,349,277; May 23.
Hickman, Kenneth C. D., assignor to Distillation Products, Inc., Rochester, N. Y. Preparation of tocopherol-containing materials and products. 2,349,278; May 23.
Hickman, Kenneth C. D., assignor to Distillation Products, Inc., Rochester, N. Y. Distillation apparatus. 2,349,431; May 23.
Hickman, Kenneth C. D., assignor to Distillation Products, Inc., Rochester, N. Y. Tocopherol-containing composition and process of preparation. 2,349,590; May 23.
Hickman, Kenneth C. D., assignor to Distillation Products, Inc., Rochester, N. Y. Concentration and preservation of tocopherol. 2,349,789; May 23.
Hickman, Kenneth C. D., assignor to Distillation Products, Inc., Rochester, N. Y. High vacuum process and apparatus. 2,358,067; Sept. 12.
Hickman, Kenneth C. D., assignor to Distillation Products, Inc., Rochester, N. Y. High vacuum distillation process and apparatus. 2,364,360; Dec. 5.
Hickman, Kenneth C. D., and J. C. Hecker, assignors to Distillation Products, Inc., Rochester, N. Y. High vacuum. 2,338,583; Jan. 4.
Hickman, Kenneth C. D., and J. C. Hecker, assignors to Distillation Products, Inc., Rochester, N. Y. Vacuum distillation procedure. 2,343,666; Mar. 7.
Hickman, Kenneth C. D., and N. H. Kuhrt, assignors to Distillation Products, Inc., Rochester, N. Y. Tocopherol preparation. 2,349,272; May 23.
Hickman Pneumatic Seat Co. (See Hickman, Albert F., assignor.)
Hickman Pneumatic Seat Co. Inc. (See Hickman, A. F., and Popp, assignors.)
Hickok, Robert D., Bratenahl, assignor to Cleveland Patents, Incorporated, Cleveland, Ohio. Ratio meter. 2,346,653; Apr. 18.
Hickok, Robert D., Bratenahl, assignor to Cleveland Patents, Incorporated, Cleveland, Ohio. Electric meter. 2,355,649; Aug. 15.
Hicks, Albertson, St. Petersburg, assignor to one-half to J. D. Mitchell, Newport, Fla. Counterbalance. 2,364,901; Dec. 12.
Hicks, Almer G., Lockwood, Ohio. Charging apparatus. 2,350,611; June 6.
Hicks, Carl G., Chicago, Ill., assignor to M. T. and R. E. Williams. Mechanism for cutting and looping springs. Re. 22,567; Nov. 21.
Hicks, Carl G., Chicago, Ill., assignor to M. T. and R. E. Williams. Cutting and looping springs. 2,365,876; Dec. 26.

Hickson, Vincent C. (See Grove, Donald E., assignor.)
Hieber, Sonia L. (See Hieber, William S. and S. L., and Elmer.)
Hieber, Sonia L. and W. S., and I. C. Elmer, Atlanta, Ga. Side weaving fabric. 2,343,184; Feb. 29.
Hieber, William S. (See Hieber, Sonia L. and W. S., and Elmer.)
Hieber, William S. and S. L., and I. C. Elmer, Atlanta, Ga. Reweaving fabric. 2,343,183; Feb. 29.
Hiers, Glen S., Bala-Cynwyd, assignor to Collins & Aikman Corporation, Philadelphia, Pa. Flocking of cotton and like fabrics. 2,351,265; June 13.
Hiers, Glen S., Bala-Cynwyd, assignor to Collins & Aikman Corporation, Philadelphia, Pa. Flocking apparatus. 2,351,266; June 13.
Hiers, Glen S., Bala-Cynwyd, assignor to Collins & Aikman Corporation, Philadelphia, Pa. Simultaneous flocking. 2,358,227; Sept. 12.
Hiers, Glen S., Bala-Cynwyd, assignor to Collins & Aikman Corporation, Philadelphia, Pa. Rubber cement for flocked fabrics. 2,364,847; Dec. 12.
Higbee, Harold B., Llanerch, and W. K. Griesinger, Drexel Hill, assignors to The Atlantic Refining Company, Philadelphia, Pa. Production of oil solutions of alkaline earth metal sulphonates. 2,361,476; Oct. 31.
Higbee, John H., North Hollywood, assignor to Durochrome Co., Inc., Los Angeles, Calif. Insuring sabotage detection. 2,360,325; Oct. 17.
Higby, Ralph H., Ontario, assignor to California Fruit Growers Exchange, Los Angeles, Calif. Manufacture of hesperidin. 2,348,215; May 9.
Higby, Ralph H., Ontario, assignor to California Fruit Growers Exchange, Los Angeles, Calif. Processing of fruit juices. 2,357,895; Sept. 12.
Higby, Willard C., Turin, N. Y. Fluid driving mechanism for vehicles. 2,361,098; Oct. 24.
Higgens, Beulah, et al. (See Lunney, Henry J., assignor.)
Higgins, Andrew J., New Orleans, La. Steering wheel. 2,339,013; Jan. 11.
Higgins, Andrew J., New Orleans, La. Pontoon boat. 2,339,014; Jan. 11.
Higgins, Andrew J., New Orleans, La. Lighter for mechanized equipment. 2,341,866; Feb. 15.
Higgins, Andrew J., New Orleans, La. Self-defensive lighter. 2,347,412; Apr. 25.
Higgins, Andrew J., New Orleans, La. Heat dissipator for marine engines. 2,356,844; Aug. 29.
Higgins, Andrew J., and J. M. Poche, New Orleans, La. Coupling hook adapted to detachably connect small boats to the davit falls. 2,347,263; Apr. 25.
Higgins, Edwin C. (See Olsen, M. R., Reid, and Higgins.)
Higgins, Eugene, Jackson, Mich. Variable speed transmission. 2,347,479; Apr. 25.
Higgins, Eugene, Jackson, Mich. Friction clutch. 2,349,624; May 23.
Higgins, Frank W., assignor to Universal Winding Company, Cranston, R. I. Winding machine. 2,365,701; Dec. 26.
Higgins Industries, Inc. (See Dugas, Joseph J., assignor.)
Higgins, James E., Richmond, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Tension device for yarn winding machines. 2,339,854; Jan. 25.
Higgins, Joseph C., Chicago, Ill. Combination table and bench construction. 2,353,892; July 18.
Higgins-Tucker Motor Co. (See Tucker, Maynard W., assignor.)
Higgins, Waldo W., Whitefish Bay, assignor to A. O. Smith Corporation, Milwaukee, Wis. Spark plug. 2,359,421; Oct. 3.
Higgins, Walter. (See Scoles, T. R., Higgins, and Jeter.)
Higgins, Walter H., Wagga, New South Wales, Australia. Spraying sheep and other animals. 2,347,739; May 2.
High, Carl F., Muskegon, assignor, by mesne assignments, to Ex-Cell-O Corporation, Detroit, Mich. Fuel pumping and distributing device. 2,361,399; Oct. 31.
High Standard Manufacturing Company, The. (See Robinson, Thomas B., Jr., assignor.)
High Standard Manufacturing Corporation, The. (See Swebilius, Carl G., assignor.)
Hight, Stuart C., South Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Piezoelectric crystal apparatus. 2,343,059; Feb. 29.
Highton, Alexander G., Paterson, N. J. Machine for photographically comprising type characters. 2,371,126; June 13.
Higley, Frank R., Cleveland Heights, assignor to The Bryant Heater Company, Cleveland, Ohio. Fire pot block. 2,365,193; Dec. 19.
Higley, Frank R., Cleveland Heights, and E. H. Ryden, Bedford, assignors to The Bryant Heater Company, Cleveland, Ohio. Forced air furnace. 2,361,545; Oct. 31.
Higley, Frank R., and V. O. Beam, Cleveland Heights, assignors to The Bryant Heater Company, Cleveland, Ohio. Lighter. 2,362,272; Nov. 7.
Higley, Frank R., Cleveland Heights, and J. Converse, East Cleveland, Ohio, assignors to The Bryant Heater Company. Thermal control device. 2,363,525; Nov. 28.
Hignett, Travis P., near Sheffield, Ala., assignor to Tennessee Valley Authority. Extracting alumina. 2,366,702; Dec. 26.
Higson, Percy R., Sidcup, assignor to Vickers-Armstrongs Limited, London, England. Automatic gun. 2,347,559; Apr. 25.
Higson, Percy R., Sidcup, assignor to Vickers-Armstrongs Limited, London, England. Cartridge belt for automatic guns or machine guns. 2,352,964; July 4.
Hilborn, Edwin H. (See Nadeau, G. F., and Hilborn.)
Hildebrandt, Gustav, Mannheim, Germany, assignor to E. Bilhuber Inc., Jersey City, N. J. Chemical compounds β-(meta-hydroxy-phenyl)-isopropylamines. 2,344,356; Mar. 14.
Hildebrandt, Henry. (See Olsen, Carl H., assignor.)
Hildebrecht, Charles V., Chicago, Ill., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Safety shutoff device. 2,363,063; Nov. 21.
Hildenbrand, Kenneth W., assignor to Monroe Auto Equipment Company, Monroe, Mich. Spacer. 2,355,801; Aug. 15.
Hilder, Stuart, Arlington, Va., assignor to Monroe Calculating Machine Company, Orange, N. J. Register. 2,362,633; Nov. 14.
Hildmann, William B., assignor to Brock & Rankin, Chicago, Ill. Book-cover bending machine. 2,364,142; Dec. 5.
Hile, Heston H., Riverside, Conn., assignor to United States Rubber Company, New York, N. Y. Resilient bearing. 2,362,008; Nov. 7.
Hiles, Pearl M., assignor to The Standard Register Company, Dayton, Ohio. Combination roll and interchangeable wheel. 2,346,163; Apr. 11.
Hilkemeier, Louis G., West Allis, assignor to Chain Belt Company, Milwaukee, Wis. Concrete mixer water supply system. 2,360,344; Oct. 17.
Hilkemeier, Louis G., West Allis, assignor to Chain Belt Company, Milwaukee, Wis. Charging means for trausit mixers. 2,360,345; Oct. 17.
Hilkemeier, Louis G., assignor to Chain Belt Company, Milwaukee, Wis. Concrete mixer. 2,362,435; Nov. 7.
Hilker, Earl E. (See Smith, B. B., and Hilker.)
Hill Acme Company, The. (See Hercik, Lad L., assignor.)
Hill, Allan W. (See Cumming, J. M., and Hill.)
Hill, Arthur D., Jr. (See Van Campen, H., and Hill., Jr.)
Hill, Arthur J. (See Salvin, V. S., and Hill.)
Hill, C. V., & Company. (See Lowell, Floyd C., assignor.)
Hill, Carl L. (See Kennedy, R., and Hill.)
Hill, Charles F., Edgewood, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Filling compound for insulating conductors. 2,351,964; June 20.
Hill, Charles H., Drexel Hill, Pa., assignor to General Electric Company. Mounting electrical apparatus. Re. 22,498; June 20.
Hill, Charles R., Toronto, Ontario, Canada. Shoe sole structure. 2,347,740; May 2.
Hill-Clarke Machinery Co. (See Wigglesworth, A. W., and Mons, assignors.)
Hill, Clifford M., et al. (See McDonald, Wayne E., assignor.)
Hill, Clyde H., assignor to Hill System Inc., Portland, Oreg. Air conditioning apparatus. 2,360,343; Oct. 17.
Hill, Donald M., trustee, et al. (See Mansfield, W. R., and Hughes, assignors.)
Hill, E. Govan, et al. (See Hill, Edward G., assignor.)
Hill, E. Govan, et al. (See Ingres, J. G., and Hey, assignors.)
Hill, E. Govan, et al., trustees. (See Ingres, Jeannot G., assignor.)
Hill, E. Govan, et al., trustees. (See Smith, George T., assignor.)
Hill, Edward G., assignor to G. T. Smith and E. G. Hill, Richmond, Va. Airplane pickup mechanism. 2,348,342; May 9.
Hill, Edward G., assignor to G. T. Smith and E. G. Hill, Richmond, Va. Delivering and receiving mechanism for airplane-carried loads. 2,360,495; Oct. 17.
Hill Engineering Corporation. (See Hey, H. W., and Ingres, assignors.)
Hill Engineering Corporation. (See Ingres, Jeannot G., assignor.)
Hill, Eugene F., Grosse Ile, assignor, by mesne assignments, to Wyandotte Chemicals Corporation, Wyandotte, Mich. Foam-suppressing detergent composition for beverage containers. 2,359,913; Oct. 10.
Hill, Frank L., Cherry Valley, Ill. Mono-ball bearing. 2,365,552; Dec. 19.
Hill, George B., assignor to Dain Manufacturing Company of Iowa, Ottumwa, Iowa. Harvester platform. 2,342,282; Feb. 22.
Hill, George B., assignor to Dain Manufacturing Company, of Iowa, Ottumwa, Iowa. Harvester. 2,347,907; May 2.
Hill, George S. (See Claus, W. P., and Hill.)
Hill, Harold E., Wauwatosa, assignor to Lister-Blackstone, Inc., West Allis, Wis. Portable aeronautic service unit. 2,360,420; Oct. 17.
Hill, Henry C., Montclair, N. J., assignor to Wright Aeronautical Corporation. Engine breather valve. 2,352,898; July 4.
Hill, Herschel D., Springfield, Ill. Variable image reflecting machine. 2,341,042; Feb. 8.

Hill, James H., assignor of forty-nine per cent to H. F. Craven, Redondo Beach, Calif. Welding rod holder. 2,356,054; Aug. 15.
Hill, Jerald E., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Analysis with radioactive material. 2,365,553; Dec. 19.
Hill, John R. (See Middleton, E. B., McQueen, and Hill.)
Hill, Lawrence R., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. High-pressure laminated material. 2,363,323; Nov. 21.
Hill, Lawrence R., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical insulation. 2,363,324; Nov. 21.
Hill, Maxwell H., Rochester, N. Y. Method and apparatus for applying cap removers to bottles or like containers. 2,356,319; Aug. 22.
Hill, Robert H., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Direction signaling system. 2,339,698; Jan. 18.
Hill, Robert H., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Engine starter. 2,359,362; Oct. 3.
Hill, Robert H., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Switch. 2,360,496; Oct. 17.
Hill-Rom Company, Inc. (See Hillenbrand, William A., assignor.)
Hill-Shaw Company. (See Grey, Milton K., assignor.)
Hill-Shaw Company. (See Morse, Normand W., assignor.)
Hill, Stanley E., East Moline, assignor to Deere & Company, Moline, Ill. Cutterhead. 2,365,407; Dec. 19.
Hill System Inc. (See Hill, Clyde H., assignor.)
Hill, Walter E. (See McLoughlin, H. F., Hill, Morgan, and Wintle.)
Hill, Walter L., deceased, Scranton, Pa.; Walter L. Hill, Jr., administrator. Coffee maker. 2,365,269; Dec. 19.
Hill, Walter L., Jr., administrator. (See Hill, Walter L.)
Hill, Walter P., Detroit, assignor, by mesne assignments, to Calumet and Hecla Consolidated Copper Company, Calumet, Mich. Method and apparatus for shaping members. Re. 22,465; Apr. 4.
Hill, Walter P., Detroit, assignor, by mesne assignments, to Calumet and Hecla Consolidated Copper Company, Calumet, Mich. Apparatus for shaping tubing. 2,341,144; Feb. 8.
Hill, Walter P., Detroit, assignor, by mesne assignments, to Calumet and Hecla Consolidated Copper Company, Calumet, Mich. Metalworking machine. 2,349,168; May 16.
Hill, Walter P., Detroit, assignor, by mesne assignments, to Calumet and Hecla Consolidated Copper Company, Calumet, Mich. Manufacturing pump assemblies. 2,358,711; Sept. 19.
Hill, Walter P., Detroit, assignor to Calumet and Hecla Consolidated Copper Company, Calumet, Mich. Manufacturing tubes for heat exchange devices. 2,362,694; Nov. 14.
Hill, Walter W., Washington, D. C. Drafting instrument. 2,364,529; Dec. 5.
Hillberg, Bror, assignor to Superior Concrete Accessories, Chicago, Ill. Screed chair. 2,345,976; Apr. 4.
Hillberg, Bror, assignor to Superior Concrete Accessories, Chicago, Ill. Wall form tie. 2,358,975; Sept. 26.
Hillcoat, Alexander, and J. B. Griffith, assignors to General Motors Corporation, Detroit, Mich. Double reduction axle. 2,350,459; June 6.
Hilldring, Carl F. (See Siedschlag, K. G., and Hilldring.)
Hillenbrand, William A., assignor to Hill-Rom Company, Inc., Batesville, Ind. Table top mounting means. 2,342,631; Feb. 29.
Hillenbrand, William A., assignor to Hill-Rom Company, Inc., Batesville, Ind. Table construction. 2,346,919; Apr. 18.
Hillenbrand, William A., assignor to Hill-Rom Company, Inc., Batesville, Ind. Post or standard construction and mounting. 2,357,588; Sept. 5.
Hillenbrand, William A., Franklin County, assignor to Hill-Rom Company, Inc., Batesville, Ind. Over-bed table attachment. 2,352,837; July 4.
Hiller, Albert W., Fort Worth, Tex. Mounting for wrist watches. 2,342,804; Feb. 29.
Hiller, Siegfried, New York, N. Y. Production of comminuted particles. 2,358,068; Sept. 12.
Hilligren, James, Huntington Park, Calif. Door lock. 2,348,737; May 16.
Hilliard, George C. (See McGill, H. U., and Hilliard.)
Hilliard, Jay M., Slippery Rock, Pa. Apparatus for mining coal. 2,359,556; Oct. 3.
Hilliard, Robert C., Arlington, and W. V. Smith, Salem, Mass., assignors to Sylvania Electric Products Inc. Electric gaseous discharge device. 2,365,342; Dec. 19.
Hillier, James. (See Zworykin, V. K., Hillier, and Ramberg.)
Hillier, James, Collingswood, N. J., assignor to Radio Corporation of America. Electron microscope. 2,354,263; July 25.
Hillier, James, Collingswood, N. J., assignor to Radio Corporation of America. Object support for electron microscopes. 2,360,677; Oct. 17.
Hillier, James, Cranbury, N. J., assignor to Radio Corporation of America. Electron optical instrument. 2,360,872; Oct. 24.
Hillis, David R., Detroit, Mich., assignor, by mesne assignments, to Logansport Machine, Incorporated. Hydraulic tube coupling. 2,354,460; July 25.
Hillix, Foster F., Lakewood, Ohio, assignor to The American Steel and Wire Company of New Jersey. Lapping tool. 2,340,383; Feb. 1.
Hillix, Foster F., Lakewood, Ohio, assignor to The American Steel and Wire Company of New Jersey. Lapping tool. 2,340,384; Feb. 1.
Hillix, Foster F., Lakewood, Ohio, assignor to The American Steel and Wire Company of New Jersey. Lapping tool. 2,340,385; Feb. 1.
Hillix, Foster F., Lakewood, Ohio, assignor to The American Steel and Wire Company of New Jersey. Lapping tool. 2,340,386; Feb. 1.
Hillman, Charles A., Maplewood, N. J., assignor, by mesne assignments, to Standard Catalytic Company. Catalytic reforming. 2,348,624; May 9.
Hillman, Edward H., deceased, Steubenville, Ohio, by G. E. Fellows, Youngstown, and W. F. MacQueen, Niles, Ohio, administrators, assignors to National Steel Corporation, Pittsburgh, Pa. Coating apparatus. 2,348,384; May 9.
Hills, Claude H. (See Williaman, J. J., and Hills.)
Hills, Claude H. (See Williaman, J. J., Mottern, Hills, and Baker.)
Hills, Claude H., Arlington, Va., and H. O. Halvorson, St. Paul, assignors to Regents of the University of Minnesota, Minneapolis, Minn. Meat process and product. 2,351,614; June 20.
Hills, George K. (See Frazer-Nash, A. C., and Hills.)
Hills, Robert C., Port Sulphur, La., assignor to Freeport Sulphur Company, New York, N. Y. Refining sulphur. 2,353,959; July 18.
Hillyer, John C. (See Schulze, W. A., and Hillyer.)
Hillyer, Laurence A., Alice, Tex. Saw equipment for tractors. 2,365,408; Dec. 19.
Hilmer, Frederick B., Berkeley, and N. E. Peery, assignors to Shell Development Company, San Francisco, Calif. Transportation of finely divided solids. 2,350,759; June 6.
Hilpman, John H., Springfield Gardens, N. Y., assignor to Mergenthaler Linotype Company. Typographical casting machine. 2,345,748; Apr. 4.
Hiltner, James R., Morrisville, assignor to Röhm & Haas Company, Philadelphia, Pa. Casting composition. 2,347,320; Apr. 25.
Hilton, Lewis D. (See Rector, L. L., and Hilton.)
Hilton, Stanley. (See Thornley, B. D., and Hilton.)
Himes, Harold H., Widnoon, Pa. Windshield glare diffuser. 2,350,166; May 30.
Hinchey, Claude E., Weyauwega, Wis. Package wrapping machine. 2,362,819; Nov. 14.
Hineke, William B., Kingsport, Tenn., assignor, by mesne assignments, to Wulff Process Company, Los Angeles, Calif. Pyrolysis of hydrocarbons. 2,343,866; Mar. 14.
Hincke, William B., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Clarification of cellulose ester acid dopes. 2,358,069; Sept. 12.
Hincke, William B., and J. Waterman, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Stabilizing mixed fatty acid esters of cellulose of the triester type. 2,343,669; Mar. 7.
Hinckley-Myers Company. (See Graham, George M., assignor.)
Hinde & Dauch Paper Company, The. (See Aquino, Salvatore A., assignor.)
Hinde & Dauch Paper Company, The. (See Henderson, G. T., and Ringholz, assignors.)
Hinde & Dauch Paper Company, The. (See Larkin, Daniel A., assignor.)
Hinde & Dauch Paper Company, The. (See Loth, Gaylord, assignor.)
Hinde & Dauch Paper Company, The. (See Ringholz, Norbert A., assignor.)
Hinde & Dauch Paper Company, The. (See Roberts, P., and White, assignors.)
Hinderer, Harvey M., Ferguson, Mo. Barbecue fuel. 2,341,377; Feb. 8.
Hindle, Walter H. (See Croft, C. M., and Hindle.)
Hindman, Earl E., Washington, D. C. Edge tool device. 2,342,197; Feb. 22.
Hinds, Carl R., Sioux City, Iowa. Mud hook. 2,352,788; July 4.
Hinds, Sherwood, Columbia City, Ind. Liquid dispensing apparatus. 2,358,771; Sept. 19.
Hinds, Sherwood, Columbia City, assignor to The Wayne Pump Company, Fort Wayne, Ind. Liquid dispensing apparatus and preselecting mechanism therefor. 2,358,712; Sept. 19.
Hinds, William L. (See Briggs, Arthur J., assignor.)
Hineline, Burton C., Rochester, and F. Knoepke, New York, assignors to Defender Photo Supply Co., Inc., Rochester, N. Y. Photographic filter holder. 2,356,668; Aug. 22.
Hineline, Edson S. (See Gorey, A. H., Nadel, and Hineline.)
Hineline, Edson S., assignor to The Folmer Graflex Corporation, Rochester, N. Y. Exposure guide for photographic cameras, particularly aerial cameras. 2,343,257; Mar. 7.
Hineline, Edson S., assignor to The Folmer Graflex Corporation, Rochester, N. Y. Shutter mechanism for photorecording and other cameras. 2,353,893; July 18.

Hineline, Edson S., assignor to The Folmer Graflex Corporation, Rochester, N. Y. Copying camera unit. 2,353,894; July 18.
Hineline, Harris D. (See Kellog, H. B., and Hineline.)
Hines, Birney. (See Eames, W. F., and Hines.)
Hines, Claude M., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake apparatus. 2,342,805; Feb. 29.
Hines, Claude M., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake control means. 2,344,870; Mar. 21.
Hines, Claude M., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Vehicle brake and propulsion control. 2,361,099; Oct. 24.
Hines, Claude M., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Propulsion and braking control system. 2,366,029; Dec. 26.
Hines, Harry E., assignor to Consolidated Paper Company, Monroe, Mich. Carton. 2,350,232; May 30.
Hines, Harry E., assignor to Consolidated Paper Company, Monroe, Mich. Apparatus for forming cartons. 2,350,278; May 30.
Hines, John E., Rochester, Minn. Automobile jack. 2,343,459; Mar. 7.
Hines, Robert E., Cleveland, Ohio, assignor to Bailey Meter Company. Gas analyzing apparatus. 2,356,845; Aug. 29.
Hines, Rufus E., Chicago, Ill. Collet chuck. 2,364,212; Dec. 5.
Hinger, Oscar J. (See Arnold, C. W., and Hinger.)
Hinkel, Lester H. (See Borgerd, W. F., Johnsen, and Hinkel.)
Hinkley, Ray A., and R. L. Meikle, assignors to Corning Glass Works, Corning, N. Y. Glass press. 2,365,955; Dec. 26.
Hinman, Donald D., Cleveland Heights, Ohio, assignor to General Electric Company. Electric discharge device. 2,353,668; July 18.
Hinnerfeldt, Einer E. A., Kirkehoerup, Als, Denmark; vested in the Alien Property Custodian. Permutation and alarm lock. 2,344,088; Mar. 14.
Hinrichsen, Edward E. (See Goodrum, C. L., Hinrichsen, and Keller.)
Hinsch, Walter H., assignor to Dearborn Chemical Company, Chicago, Ill. Water treating plant. 2,359,991; Oct. 10.
Hinson, Jay B., Hartsdale, N. Y. Cigarette extinguisher. 2,352,198; June 27.
Hinson, Wiley A., Jacksonville, Fla. Supporting comb foundations in honey frames. 2,350,963; June 6.
Hintze, Rudolf. (See Herzog, R., Wiessner, Hintze, and Gutzmann.)
Hipple, James L., Canton, Ill., assignor to International Harvester Company. Tractor-mounted implement. 2,361,179; Feb. 8.
Hipple, James L., Canton, Ill., assignor to International Harvester Company. Agricultural implement. 2,361,100; Oct. 24.
Hipple, James L., assignor to International Harvester Company, Canton, Ill. Agricultural implement. 2,362,695; Nov. 14.
Hipple, James L., F. L. Dewey, and B. F. Burnett, Canton, Ill., assignors to International Harvester Company. Dispensing arrangement. 2,351,511; June 13.
Hipple, John A., Jr., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Vacuum tube. 2,354,122; July 18.
Hirdler, Edgar A. (See Butler, B. F., and Hirdler.)
Hirsch, Henry, and W. B. Saal, Toledo, Ohio. Fishhook and producing same. 2,345,197; Mar. 28.
Hirsch, Joel H., and F. L. Herle, assignors to The Vickers Petroleum Co., Inc., Wichita, Kans. Filtration and reclamation of cracking catalysts. 2,358,509; Sept. 19.
Hirsch, Mano, Brooklyn, N. Y. Toy pistol. 2,361,843; Oct. 31.
Hirsch, Max J. (See Links, J. A., and Herst, assignors.)
Hirsch, Paul A. (See Hodson, F., and Hirsch.)
Hirschmugl, Robert A., Chicago, Ill. Roller skate wheel. 2,345,258; Mar. 28.
Hirt, Rudolf. (See Martin, H., Zaeslin, Hirt, Glatthaar, and Staub.)
Hirtensteiner, Walter E. (See Drescher, J. F., and Hirtensteiner.)
Hislop, William A., Richmond, Calif. Tile cutting machine. 2,356,406; Aug. 22.
Hitchcock, Albert E., and P. W. Zimmerman, assignors to Boyce Thompson Institute for Plant Research, Inc., Yonkers, N. Y. Treatment of plant buds. 2,341,867; Feb. 15.
Hitchcock, Albert E., and P. W. Zimmerman, assignors to Boyce Thompson Institute for Plant Research, Inc., Yonkers, N. Y. Treatment of storage organs. 2,341,868; Feb. 15.
Hitchcock, Albert E., and P. W. Zimmerman, Yonkers, N. Y., assignors to Boyce Thompson Institute for Plant Research, Inc. Treatment of plants. 2,363,325; Nov. 21.
Hitchcock, Forest B. (See Preston, N. D., and Hitchcock.)
Hitchcock, Rex B., Evanston, Ill., assignor to International Harvester Company. Supporting means. 2,344,264; July 25.
Hitchcock, Rex B., Rock Island, Ill., assignor to International Harvester Company. Corn harvester. 2,360,131; Oct. 10.
Hitchins, William G., London, England. Construction of buildings. 2,366,108; Dec. 26.
Hitchins, William G., London, England. Wall and partition for buildings. 2,366,109; Dec. 26.
Hite, Charles E., Philadelphia, Pa. Wheel-bushing machine. 2,360,132; Oct. 10.
Hitt, Raymond C., Seattle, Wash. Natural colors floating signal. 2,362,553; Nov. 14.
Hively, Oasian, assignor to Morgan Engineering Company, Alliance, Ohio. Ingot stripper. 2,362,696; Nov. 14.
Hivick, Charles L., Cresaptown, and G. L. McLuckie, Frostburg, Md., assignors to Celanese Corporation of America. Yarn winding. 2,364,714; Dec. 12.
Hixson, Arthur W., Leonia, N. J., and R. Miller, New York, N. Y., assignors to The Chemical Foundation, Incorporated, as trustee. Separating sulphur dioxide and chlorine from mixtures. 2,340,961; Feb. 8.
Hixson, Arthur W., Leonia, N. J., and R. Miller, New York, N. Y., assignors to The Chemical Foundation, Incorporated. Separation of fatty acids from rosin acids. 2,344,089; Mar. 14.
Hizone Products. (See Jones, Hilton I., assignor.)
Hlavaty, Rudolph F., Cicero, Ill. Self-aligning pulley. 2,340,750; Feb. 1.
Hlavaty, Rudolph F., Cicero, Ill. Self-aligning pulley. 2,342,863; Feb. 29.
Hlavaty, Rudolph F., Cicero, Ill. Self-aligning pulley. 2,344,817; Mar. 21.
Hlavaty, Rudolph F., Cicero, Ill. Self-aligning pulley. 2,350,509; June 6.
Hlavin, William S. (See Sigmund, F. J., and Hlavin, assignors.)
Hoadley, Frank E. (See Schwebke, C. J., and Hoadley.)
Hoadley, Raymond H., City Island, N. Y. Injection valve. 2,338,584; Jan. 4.
Hoag, Eben. (See Burnham, B., and Hoag.)
Hoagland, Frank O., assignor to Niles-Bement-Pond Company, West Hartford, Conn. Rifling cutter. 2,346,581; Apr. 11.
Hoagland, Walter H., Mount Vernon, N. Y., assignor to Shell Development Company, San Francisco, Calif. Pressure cylinder connection. 2,352,434; June 27.
Hoague-Sprague Corporation. (See Knowlton, Cutler D., assignor.)
Hoague-Sprague Corporation. (See Sillars, George S., assignor.)
Hoare, Stephen C., Manchester, Mass., assignor to General Electric Company. Electrical measuring instrument. 2,348,005; May 2.
Hoban, Hugh C., Dartford, assignor to W. T. Henley's Telegraph Works Company Limited, Westcott, Dorking, Surrey, England. Coupling for electric cables. 2,357,719; Sept. 5.
Hobart Manufacturing Company, The. (See Allen, K. C., and Meeker, assignors.)
Hobart Sales Service Supplies. (See (Foley, J. L., assignor), and Malarkey.)
Hobbie, Albert C., assignor to International Pulverizing Corporation, Moorestown, N. J. Grinding and classifying apparatus. 2,339,568; Jan. 18.
Hobbs, Charles, Decatur, Ill., assignor to Crown Cork Specialty Corporation. Capping machine. 2,353,156; July 11.
Hobbs, Charles, Decatur, Ill., assignor to Crown Cork Specialty Corporation. Capping apparatus. 2,353,400; July 11.
Hobbs, Frank, Seattle, Wash. Immersing vat. 2,351,210; June 13.
Hobbs, Frank, assignor to Colotyle Corp., Seattle, Wash. Building construction. 2,351,209; June 13.
Hobbs, Ira E., U. S. Navy. Octant time and altitude correlating device. 2,340,324; Feb. 1.
Hobbs, James C., Painesville, Ohio. Heat exchanger. 2,363,526; Nov. 28.
Hobbs, Kenneth C. (See Cantor, S. M., and Hobbs.)
Hobday, Herbert L., and N. G. Brown, Melbourne, Victoria, Australia; said Brown assignor to said Hobday. Dental chuck. 2,347,741; May 2.
Hobdell, George E., Upper Darby, Pa. Tissue filler. 2,352,099; June 20.
Hobson, H. M., (Aircraft & Motors) Components Limited. (See Stokes, Philip H., assignor.)
Hobson, Harry E., Dallas, Tex. Self-setting retractor hook. 2,364,215; Dec. 5.
Hobson, John H., and F. A. Burger, Sulphur Springs, Ark. Automatic lock. 2,339,073; Jan. 11.
Hobson, Leland S., Drexel Hill, Pa., assignor to General Electric Company. Electric circuit breaker. 2,347,052; Apr. 18.
Hobson, Stanley H., assignor to Geo. D. Roper Corporation, Rockford, Ill. Cooking top burner for gas ranges. 2,344,144; Mar. 14.
Hoch, John, Corona, Long Island, N. Y., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Tin-coated collapsible tube. 2,352,384; June 27.
Hodaly, Emerick, Detroit, Mich. Combined comb and nail file. 2,345,339; Mar. 28.
Hodaly, Emerick, Detroit, Mich. Sled pushing and pulling means. 2,350,036; May 30.
Hodell, Louis R. (See Heigl, J. J., and Hodell.)

Hodge, Andrew D. (See Magrum, G. M., Chisholm, Jr., and Hodge.)
Hodge, Harry R., New York, N. Y. Safety razor. 2,343,217; Feb. 29
Hodge, John M., Munhall, and M. W. Lightner, Pittsburgh, Pa. Thermally hardening steel. 2,365,956; Dec. 26.
Hodge, Robert J. (See Roberts, R. R., Russell, and Hodge.)
Hodges, Caleb E. (See Lieber, E., and Hodges.)
Hodges, George, Meadow Way, Rickmansworth, England. Signal discriminating system. 2,349,625; May 23.
Hodgins, Theodore S., and P. S. Hewett, Royal Oak, and A. G. Hovey, Birmingham, assignor to Reichhold Chemicals, Inc., Detroit, Mich. Dihydric alcohol modified melamine formaldehyde condensation products and producing same. 2,358,276; Sept. 12.
Hodgkins, Charles H., Fairfield, assignor to The Bryant Electric Company, Bridgeport, Conn. Lamp holder. 2,343,653; Mar. 7.
Hodgkins, Charles H., Fairfield, assignor to The Bryant Electric Company, Bridgeport, Conn. Starting and operating circuit for discharge lamps. 2,344,774; Mar. 21.
Hodgkins, Charles H., Fairfield, assignor to The Bryant Electric Company, Bridgeport, Conn. Fluorescent lamp starter. 2,362,713; July 4.
Hodgkins, Charles H., Fairfield, assignor to The Bryant Electric Company, Bridgeport, Conn. Fluorescent lamp starter. 2,355,438; Aug. 8.
Hodgkins, Charles H., Fairfield, assignor to The Bryant Electric Company, Bridgeport, Conn. Thermal relay for starting fluorescent lamps. 2,360,678; Oct. 17.
Hodgkins, Charles H., Fairfield, assignor to The Bryant Electric Company, Bridgeport, Conn. Circuit interrupter. 2,361,202; Oct. 24.
Hodgkins, Charles H., Fairfield, assignor to The Bryant Electric Company, Bridgeport, Conn. Thermal relay for starting fluorescent lamps. 2,362,820; Nov. 14.
Hodgkins, Charles H., Fairfield, Conn., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric heating apparatus. 2,363,326; Nov. 21.
Hodgkins, Raymond L., Yeadon, and F. W. Lewis, Aldan, Pa., assignors to General Electric Company. Electric panel board. 2,363,327; Nov. 21.
Hodgson, Howard E., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Drive for valves and the like. 2,351,211; June 13.
Hodgson, William W., Chicago, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Key opening sheet metal container. 2,348,542; May 9.
Hodgson, William W., Chicago, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Key opening sheet metal container. 2,362,821; Nov. 14.
Hodil, Ralph W., and J. C. Redmond, Youngstown, Ohio. Machine for testing adherence of sheet coatings. 2,339,855; Jan. 25.
Hodnette, John K., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Distribution transformer for banking service. 2,340,057; Jan. 25.
Hodnette, John K., M. G. Leonard, and P. Sellers, Sharon, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Switch operator. 2,356,055; Aug. 15.
Hodsdon, Sumner M., Ludlow, Mass. Snow handling apparatus. 2,355,160; Aug. 8.
Hodson Corporation, The. (See Hodson, Walter D., assignor.)
Hodson, Frank, Elmhurst, and P. A. Hirsch, assignors to American Ore Reduction Corporation, New York, N. Y. Reducing ores. 2,365,194; Dec. 19.
Hodson, Milo G., South Bend, Ind., assignor to The Kawneer Company, Niles, Mich. Muntin assembly clip. 2,351,127; June 13.
Hodson, Walter D., Chicago, Ill., assignor to The Hodson Corporation. Forging compound. 2,345,198; Mar. 28.
Hodson, Walter D., Chicago, Ill., assignor to The Hodson Corporation. Emulsifiable lubricant. 2,345,199; Mar. 28.
Hoe, R., & Co. Inc. (See Bennett, Thomas R., assignor.)
Hoe, R., & Co. (See Eckhard, W. K., and Goodwin, assignors.)
Hoe, R., & Co. (See Gudger, Morris S., assignor.)
Hoe, R., & Co. (See Horton, Albert J., assignor.)
Hoe, R., & Co. (See Huck, William F., assignor.)
Hoe, R., & Co. (See Huck, W. F., and Wieking, assignors.)
Hoe, R., & Co. (See Lamatsch, Frederick, assignor.)
Hoe, R., & Co. (See Larocca, Vincent, assignor.)
Hoe, R., & Co. (See Wieking, William C., assignor.)
Hoe, R., & Co. (See Zuckerman, Adolph M., assignor.)
Hoeffelman, Johan M., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Coating composition. 2,350,279; May 30.
Hoeffelman, Johan M., and R. Berkenbosch, Amsterdam, Netherlands, assignors to Shell Development Company, San Francisco, Calif. Organic sulphur compound and its preparation. 2,352,435; June 27.
Hoeglund, Karl C. (See Ziegler, P. F., and Hoeglund.)
Hoehn, John J., and A. G. Zimmerman, Indianapolis, Ind., assignors to Radio Corporation of America. Phonographic apparatus. 2,350,682; June 6.
Hoekstra, Johannes. (See Holst, G., and Hoekstra.)
Hoelscher, William G., assignor to The American Tool Works Company, Cincinnati, Ohio. Fluid operated gear shifting mechanism. 2,357,952; Sept. 12.
Hoelscher, William G., assignor to The American Tool Works Company, Cincinnati, Ohio. Device for resisting movement of the arm of a drill. 2,366,110; Dec. 26.
Hoenke, Arnold O. (See Ciesa, G., Hoenke, Kopas, and Shapkauski.)
Hoepli, M. H. (See Mitchell, Henry N., assignor.)
Hoerdt, Eugene J., et al. (See Waldron, Louis, assignor.)
Hoeren, Albert, Kitchener, Ontario, assignor to Gypsum, Lime and Alabastine, Canada, Limited, Toronto, Ontario, Canada. Recovery of glue from chrome tanned leather. 2,339,405; Jan. 18.
Hoern, Joseph H., Birmingham, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Making hollow head valves. 2,359,477; Oct. 3.
Hoern, Joseph H., Birmingham, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Rolling threads. 2,364,442; Dec. 5.
Hoewischer, Frederick W. (See Woodberry, J. H., and Hoewischer.)
Hoey, Glenn M., Seattle, Wash. Ampoule opener. 2,359,644; Oct. 3.
Hofbauer, Frank, Detroit, Mich. Rotary cutter. 2,355,865; Aug. 15.
Hoff, Jacob C., Baltimore, Md., assignor to Frankfort Distilleries, Incorporated, Louisville, Ky. Gravity spent beer screen. 2,341,274; Feb. 8.
Hoff, Wilbur L., Hollywood, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Article holding tray. 2,353,401; July 11.
Hoffar, Henry S., West Vancouver, British Columbia, Canada, assignor, by mesne assignments, to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Antifriction screw device. 2,343,507; Mar. 7.
Hoffeld, Louis, Bronx, N. Y. Position retainer for hats. 2,339,077; Jan. 11.
Hoffer, James F., assignor to Ex-Cell-O Corporation, Detroit, Mich. Nozzle. 2,351,965; June 20.
Hoffer, James F., assignor to Ex-Cell-O Corporation, Detroit, Mich. Pressure reduction check valve. 2,352,322; June 27.
Hofferbert, Raymond P., Cambridge, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Stiffening portions of the uppers of shoes. 2,340,591; Feb. 1.
Hoffert, Roy G., Racine, Wis. Wire stitching machine. 2,347,908; May 2.
Hoffman, Abe L. (See Love, J. T., and Hoffman.)
Hoffman, Allan C. (See Dykeman, R. G., Shaw, and Hoffman.)
Hoffman, Allan C, Dayton, Ohio Fluid strainer or filter. 2,342,669; Feb. 29.
Hoffman, Allan C., assignor to United Aircraft Products, Inc., Dayton, Ohio. Congealable liquid conditioning device. 2,343,867; Mar. 14.
Hoffman, Andrew. (See Bock, Charles S., assignor.)
Hoffman, Bertram F. (See Benson, T. W., and Hoffman.)
Hoffman, Dave E., Los Angeles, and G. Throne, Venice, assignors to North American Aviation, Inc., Los Angeles, Calif. Bomb rack. 2,365,409; Dec. 19.
Hoffman, Frank S., Dorchester, assignor to New England Bedding Company, Medford, Mass. Convertible furniture. 2,341,616; Feb. 15.
Hoffman, Harry E., Mansfield, Ohio. Recovery of sprayed paint material. 2,348,625; May 9.
Hoffman, Herbert E., Brooklyn, N. Y. Foldable and suspendable garment hanger or the like. 2,347,949; May 2.
Hoffman, Jacob N., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,350,510; June 6.
Hoffman, Joseph D., Kirkwood, and H. J. Fey, assignors to James R. Kearney Corporation, St. Louis, Mo. Receptacle. 2,339,336; Jan. 18.
Hoffman, Robert, Bronxville, N. Y. Safety tackle hook. 2,359,557; Oct. 3.
Hoffman, Robert M., Waynesboro, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Apparatus for dry spinning cellulose acetate yarn. 2,341,615; Feb. 15.
Hoffman, Rudolph. (See Mattinson, F. W., and Hoffman.)
Hoffman Specialty Co. (See Davies, Edwin A., assignor.)
Hoffman, Stanley G. (See Rickus, G. M., Hoffman, Carpenter, and Harris.)
Hoffmann, Gerhard. (See Wendlandt, R., Hoffmann, and Fuldner.)
Hoffmann, Gilbert F., Waukesha, assignor to O'Neil-Duro Company, Milwaukee, Wis. Water-reducible paint. 2,342,581; Feb. 22.
Hoffmann, Karl, and L. Panizzon, Basel, Switzerland, assignors, by mesne assignments, to Ciba Pharmaceutical Products, Incorporated, Summit, N. J. Manufacture of aryl-alicyclic fatty acid esters. 2,346,027; Apr. 4.
Hoffmann-La Roche, Inc. (See Grüssner, André, assignor.)
Hoffmann-La Roche, Inc. (See Lee, John, assignor.)
Hoffmann-La Roche, Inc. (See Lee, J., and Freudenberg, assignors.)

Hoffmann-La Roche, Incorporated. (See Lee, J., and Solmssen, assignors.)
Hoffmann-La Roche Inc. (See Prehswerk, Ernst, assignor.)
Hoffmann-La Roche Inc. (See Schnider, Otto, assignor.)
Hoffmann-La Roche, Inc. (See Solmssen, Ulrich V., assignor.)
Hoffmann-La Roche, Inc. (See Sternbach, Leo, assignor.)
Hoffmann-La Roche, Inc. (See Wenner, Wilhelm, assignor.)
Hoffmann, Louis B., Los Angeles, assignor to Mitchell Camera Corporation, West Hollywood, Calif. Shutter mechanism. 2,350,355; June 6.
Hoffmann, Max O., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Control mechanism for needle-eye polishing machines. 2,339,603; Jan. 18.
Hoffmann, Sylvester, executor. (See Burnett, Robert N.)
Hoffmann, Victor A., Harvey, Ill. Toilet bowl. 2,341,043; Feb. 8.
Hoffmann, William E., University City, Mo. Pencil construction. 2,341,717; Feb. 15.
Hoffmaster, Byron T., Menasha, and G. E. Wauda, Neenah, assignors to Marathon Paper Mills Company, Rothschild, Wis. Dispensing package. 2,346,488; Apr. 11.
Hoffstetter, George O., Jerseyville, Ill. Material spreader. 2,340,810; Feb. 1.
Hofgaard, Rolf, Sondre Hellerud Gaard, Nordstrandshogda, near Oslo, Norway; vested in the Alien Property Custodian. Type for typewriting machines, perforation or printing as well as interpretation system for characters. 2,350,893; June 6.
Hofgesang, William, Avenel, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Darning device for use with sewing machines. 2,356,723; Aug. 22.
Hofheimer, H. Clay, II. (See Mallard, Logan L., assignor.)
Hofheins, Roger W., C. E. Harrington, C. D. Thomas, and P. P. M. Duboscland, assignors to Amphibian Car Corporation, Buffalo, N. Y. Amphibian vehicle. 2,350,037; May 30.
Hofing, Fred H., Sharpsville, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Strap stretching device. 2,363,328; Nov. 21.
Hofmann, Albert. (See Stoll, A., and Hofmann.)
Hofmann, Alfred, Palisade, and W. Hartmann, Paterson, assignors to Alfred Hofmann, Inc., West New York, N. J. Fabric tensioning method and means. 2,362,485; Nov. 14.
Hofmann, Alfred, Palisade, and F. M. Wachtler, assignors to Alfred Hofmann, Inc., West New York, N. Y. Forming of welts in straight knitting machines. 2,363,000; Nov. 21.
Hofmann, Alfred, Inc. (See Hofmann, A., and Hartmann, assignors.)
Hofmann, Alfred, Inc. (See Hofmann, A., and Wachtler, assignors.)
Hofmann, Alfred, Inc. (See Schoenster, Peter, assignor.)
Hofmann, Josef, Berlin-Reinickendorf, and F. Schreiber, Berlin-Zehlendorf, Germany; vested in the Alien Property Custodian. High pressure mercury vapor lamp. 2,342,806; Feb. 29.
Hofmann, Oskar. (See Klein, H., Hemmann, Keinke, Hoffmann, and Boehmer.)
Hofmann, Victor E., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Making hollow thermoplastic ware. 2,348,738; May 16.
Hofmann, Victor E., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Apparatus for molding thermoplastic material. 2,353,825; July 18.
Hofmann, Victor E., and J. M. Blank, Toledo, Ohio, assignors to Owens-Illinois Glass Company. Molding machine. 2,359,216; Sept. 26.
Hofrichter, Allen, Suffern, N. Y. Printing apparatus. 2,359,037; Sept. 26.
Hofstadt, Richard. (See Fink, H., and Hofstadt.)
Hogaboom, George B., New Britain, Conn., assignor to Hanson-Van Winkle-Munning Company, Matawan, N. J. Nickel depositing bath and method. 2,351,966; June 20.
Hogan, James H., Austin, Minn. Game. 2,339,074; Jan. 11.
Hogan, John V. L., Forest Hills, assignor to Faximile, Inc., New York, N. Y. Facsimile scanner drum. 2,356,999; Aug. 29.
Hogan, John V. L., Forest Hills, H. C. Ressler, West Brighton, and W. H. Tribble, Brooklyn, assignors, by mesne assignments, to Faximile, Inc., New York, N. Y. Electrolytic recording. 2,339,267; Jan. 18.
Hogan, Thomas P., Wilmington, Del. Hatch construction for ships. 2,345,394; Mar. 28.
Hogan, William A., New York, N. Y. Insulating roofing. 2,358,396; Sept. 19.
Hogan, Wm. S., et al., trustees. (See Ross, Talbert C., assignor.)
Hoge, Edward C., Cincinnati, Ohio. Structural cement slab. 2,338,246; Jan. 4.
Hoge, William. (See Ball, A. J., Hoge, and Rudolph.)
Hoge, Emerson E., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Applying closures to containers. 2,362,009; Nov. 7.
Hoge, Frederick D., London, England. Soap container. 2,356,056; Aug. 15.
Hogg, Jesse W. (See Covell, Ernest G., assignor.)
Hogg, Wilfrid H. (See Hickin, N. E., Hogg, and Castle.)
Hogsten, James A., and C. D. McMillin, Cleveland, Ohio. Grave marker. 2,358,009; Sept. 12.
Hogue, Henry J., assignor of one-third to C. L. Wasmer, and one-third to J. C. Wasmer, Lakewood, Ohio. Apparatus for making nuts. 2,361,546; Oct. 31.
Hogue, John W., deceased, by M. P. Hogue, administratrix, assignor to Parks and Woolson Machine Company, Springfield, Vt. Cloth shearing machine. 2,360,228; Oct. 10.
Hogue, Marjorie P., administratrix. (See Hogue, John W.)
Hoheisel, Otto K., Milltown, assignor to F. W. Goetze, New Brunswick, N. J. Composite gasket. 2,339,478; Jan. 18.
Hohl, John, Toledo, Ohio, assignor to Owens-Illinois Glass Company. Capping machine. 2,357,826; Sept. 12.
Hohl, John, and O. Bjering, Toledo, Ohio, assignors to Owens-Illinois Glass Company. Vacuum sealing machine. 2,338,852; Jan. 11.
Hohman, Robert F., assignor to Merrick Scale Mfg. Company, Passaic, N. J. Apparatus for feeding material at a constant rate. 2,365,270; Dec. 19.
Hohmann, Henry, Brooklyn, N. Y. Center locating device. 2,360,421; Oct. 17.
Hohmann, Henry, Brooklyn, N. Y. Ski edge. 2,361,030; Oct. 24.
Hohmeister, Arthur E., Cheviot, Ohio. Pipe hanger. 2,339,992; Jan. 25.
Hohn, Hans. (See Wolf, H., Kuss, Hohn, and Stietzel.)
Hohwart, Ernest F., Detroit, Mich. Cable clamp. 2,348,975; May 16.
Hohwart, George, Orchard Lake, assignor to N. A. Woodworth Company, Ferndale, Mich. Gauge handle. 2,345,749; Apr. 4.
Hohwart, George, Orchard Lake, assignor to N. A. Woodworth Company, Ferndale, Mich. Gauge. 2,345,750; Apr. 4.
Hohwart, George, Orchard Lake, assignor to N. A. Woodworth Company, Ferndale, Mich. Connection. 2,360,058; Oct. 10.
Hohwart, George, Orchard Lake, assignor to N. A. Woodworth Company, Ferndale, Mich. Thread plug gauge wear testing device. 2,360,059; Oct. 10.
Hohwart, George, Orchard Lake, assignor to N. A. Woodworth Company, Ferndale, Mich. Cylindrical plug gauge wear testing device. 2,362,554; Nov. 14.
Holer, Walter, assignor to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Rotary table attachment for milling machines. 2,365,078; Dec. 12.
Holtt, Robert W., assignor to Nashua Gummed and Coated Paper Company, Nashua, N. H. Dry-gummed tape dispensing apparatus and moistener, and delivery means therefor. 2,348,067; May 2.
Hojnowski, Jakob, Nekoosa, Wis. Bomb rack for aircraft. 2,342,514; Feb. 22.
Hokanson, Evert C., Arlington County, Va., assignor to Aeronav Instrument Company, New York, N. Y. Flight calculator. 2,339,222; Jan. 11.
Hoke, Harry A., Altoona, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Hopper gate adjusting means. 2,344,040; Mar. 14.
Hoke, Harry A., Altoona, and C. J. Barley, Rosemont, assignors to The Pennsylvania Railroad Company, Philadelphia, Pa. Water level gauge. 2,348,007; May 2.
Hoke, Harry A., Altoona, and J. F. Matteo, assignors to The Pennsylvania Railroad Company, Philadelphia, Pa. Valve. 2,344,041; Mar. 14.
Holan, James II., Jr. (See Kelleher, D., and Holan.)
Holan, James II., Jr. (See Troche, H. J., and Holan.)
Holbert, Sherman, Manchester, Iowa. Air-speed control and spin delay assembly for link trainers. 2,362,486; Nov. 14.
Holbrook, Bernard D., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,356,846; Aug. 29.
Holbrook, John O., Columbus, Ohio. Manufacturing fertilizers and resulting fertilizer. 2,348,343; May 9.
Holbrook, Ralph A., Beacon Falls, and W. O. Hooker, assignors to The Sponge Rubber Products Company, Shelton, Conn. Filling mixture for shoe bottoms. 2,362,378; Nov. 7.
Holbrown, George M. (See Wibmer, M. D., Atkins, and Holbrown.)
Holby, Frank A., Riverside, Conn., assignor to The William F. Kenney Company, New York, N. Y. Tank discharge control means. 2,348,255; May 9.
Holcomb, Arthur L., Tarzana, Calif., assignor to Western Electric Company, Incorporated, New York, N. Y. Sound recording method and system. 2,338,766; Jan. 11.
Holcomb, J. I., Manufacturing Company. (See Bennett, Earnest L., assignor.)
Holcomb, Philo, Jr., Great Neck, assignor to The Western Union Telegraph Company, New York, N. Y. Telegraph system and apparatus. 2,343,297; Mar. 7.
Holcomb, William R., assignor to Lockheed Aircraft Corporation, Burbank, Calif. Magnetic bucking bar. 2,359,848; Oct. 10.
Holcroft & Company. (See Ruckstahl, Alfred, assignor.)

Holdaway, Vivian L., Midland Park, N. J., E. A. Thurber, Brooklyn, N. Y., and L. A. Wooten, Maplewood, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device and manufacture. 2,361,203; Oct. 24.
Holden, Artemas F. (See Csepely, John A., assignor.)
Holden, Artemas F. (See Solakian, H., and Case, assignors.)
Holden, Artemas F., Northford, Conn. Salt bath for heating soldering irons. 2,338,433; Jan. 4.
Holden, Artemas F., Northford, Conn. Salt bath furnace. 2,354,753; Aug. 1.
Holden, John, Reddish, Stockport, England, assignor to Keuffel & Esser Company, Hoboken, N. J. Blueprint. 2,346,872; Apr. 18.
Holden, Orloff W., Chicago, Ill. Spray head. 2,354,019; July 18.
Holden, William H. T., Woodside, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Switching mechanism. 2,338,181; Jan. 4.
Holden, William H. T., Woodside, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,338,434; Jan. 4.
Holden, William H. T., Woodside, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Testing and signaling system. 2,338,642; Jan. 4.
Holden, William H. T., Woodside, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical transmission system. 2,339,406; Jan. 18.
Holden, William H. T., Woodside, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Channel selecting circuit. 2,348,626; May 9.
Holden, William H. T., Woodside, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Selective switch. 2,349,279; May 23.
Holden, William H. T., Woodside, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Selector switch. 2,351,967; June 20.
Holden, William H. T., Woodside, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Self-synchronizing device. 2,363,791; Nov. 28.
Holder, Andrew J., Elgin, Tex. Ground breaking attachment for lister plows. 2,346,073; Apr. 4.
Holder, Clinton H., assignor to Standard Oil Development Company, Cranford, N. J. Degassing of liquids. 2,363,247; Nov. 21.
Holek, Václav, Brunn-Zabovresky, and J. Ondříček, Brunn, Czechoslovakia; vested in the Alien Property Custodian. Device for filling and emptying cartridge belts. 2,364,530; Dec. 5.
Holihan, Irving T., and W. H. Davis, Waterbury, Conn. Atomizer head. 2,365,195; Dec. 19.
Holin, William F., North Riverside, Ill., assignor to General Motors Corporation, Detroit, Mich. Railway vehicle construction. 2,342,864; Feb. 29.
Holinaty, William, New Westminster, British Columbia, Canada. Tire pressure indicator. 2,355,295; Aug. 8.
Hollinger, Carl J., Plainfield, N. J. Liquid carbonation. 2,339,640; Jan. 18.
Holl, James W. F., Long Beach, Calif. Variable volume rotary pump. 2,359,558; Oct. 3.
Holland Company. (See Edahl, Knute, assignor.)
Holland Company. (See Holland, C. J., and Carlson, assignors.)
Holland, Cyrus J., and A. H. Carlson, Chicago, Ill., assignors to Holland Company. Spring snubber unit. 2,358,510; Sept. 19.
Holland Furnace Company. (See De Lin, Martin, assignor.)
Holland Furnace Company. (See Kimberly, Walter R., assignor.)
Holland, George W., administrator. (See Holland, Henry.)
Holland, Glen, Bronxville, N. Y. Sound reproducing instrument. 2,341,275; Feb. 8.
Holland, Henry, deceased, Cleveland, by G. W. Holland, Lakewood, Ohio, administrator. Drainage intake. 2,354,994; Aug. 1.
Holland-Letz, John, Crown Point, Ind., assignor to The Letz Manufacturing Company. Grain blower attachment. 2,363,589; Nov. 28.
Holland, Oscar C., Dickson, Tenn. Wire-pulling device. 2,360,875; Oct. 24.
Holland, Samuel O., C. V. Roberts, and S. H. Plexico, Salisbury, N. C. Badge. 2,348,627; May 9.
Holland, William H. (See Wright, C. L., and Holland.)
Hollander, Charles S., assignor to Röhm & Haas Company, Philadelphia, Pa. Hardening of photographic gelatin. 2,359,217; Sept. 26.
Hollander, Leo B., Sullivan, assignor to International Shoe Company, St. Louis, Mo. Shoe construction. 2,339,993; Jan. 25.
Hollengreen, Milburn A. (See Price, D. F., Ballsiger, and Hollengreen.)
Holler, George J., Bridgeport, Ohio. Dispenser for extrusile substances. 2,349,726; May 23.
Hollerbach, Maria, nee Elrich, et al. (See Elrich, Ludwig.)
Hollerith, Charles, assignor to Hayes Industries, Inc., Jackson, Mich. Brake structure. 2,350,038; May 30.
Hollerith, Charles, assignor to Hayes Industries, Inc., Jackson, Mich. Reinforcing for brake blocks. 2,350,039; May 30.
Hollerith, Charles, assignor to Hayes Industries, Inc., Jackson, Mich. Wheel and brake structure. 2,352,385; June 27.
Hollerith, Charles, assignor to Hayes Industries, Inc., Jackson, Mich. Wheel construction. 2,357,000; Aug. 29.
Holley, Earl, et al. (See Colvin, Clifford, assignor.)
Holley, Earl, et al. (See Udale, Stanley M., assignor.)
Holley, George M., et al. (See Colvin, Clifford, assignor.)
Holley, George M., et al. (See Udale, Stanley M., assignor.)
Holleyhead, Armel S., assignor to In-A-Seal Safe Corporation, New York, N. Y. Locking device for safes. 2,365,343; Dec. 19.
Holliday, Samuel W. (See Stone, N. G., and Holliday.)
Holliday, Theodore B., Dayton, Ohio. Traffic control device. 2,347,194; Apr. 25.
Hollihan, John P., Jr., Garden City, Pa., assignor to American Viscose Corporation, Wilmington, Del. Production of viscose. 2,355,650; Aug. 15.
Hollingshead, R. M., Corporation. (See Bagley, T. J., and Levin, assignors.)
Hollingsworth, Campbell, New York, N. Y. Aircraft. 2,357,200; Aug. 29.
Hollingsworth, Campbell, New York, N. Y. Pipe wrench. 2,361,769; Oct. 31.
Hollingsworth, Clinton A. (See Maust, E. J., and Hollingsworth.)
Hollingsworth, Gordon P. (See Merrill, G. S., and Hollingsworth.)
Hollingsworth, John D., Greenville, S. C. Roll for carding or garnett machines. 2,340,221; Jan. 25.
Hollingsworth, R. Lee, Riverhead, N. Y., assignor to Radio Corporation of America. Noise reduction system. 2,344,697; Mar. 21.
Hollins, Abraham and J., Brooklyn, N. Y. Control switch assembly. 2,361,204; Oct. 24.
Hollins, Jesse. (See Hollins, Abraham and J.)
Hollis, Eldon B. (See Jenemann, J. A., and Hollis.)
Hollis, Henry L., Chicago, Ill. Removable tire cover. 2,348,256; May 9.
Hollis, Homer, Lillie, La., assignor to G. A. Kelly Plow Company, Longview, Tex. Side disk terracing machine. Re. 22,471; Apr. 18.
Hollis, Morton, Brookline, assignor to Gillette Safety Razor Company, Boston, Mass. Blade magazine and package. 2,339,480; Jan. 18.
Hollister, John C., and W. Wood, Denver, Colo. Photoflash device. 2,343,552; Mar. 7.
Holliman, Peter I. (See McIlvaine, J. H., and Holliman.)
Hollmann, Hubert, Findlay, and W. G. Van Voorhis, Columbus, assignors to The Buckeye Traction Ditcher Company, Findlay, Ohio. Tandem wheel assembly. 2,362,068; Nov. 7.
Hollnagel, Harold S., Milwaukee, assignor of one-third to T. F. Loughlin and one-third to J. Etzel, Hartford, Wis. Adjustable bed. 2,339,075; Jan. 11.
Holloman, George V., and W. E. Huffman, Dayton, Ohio. Automatic control for anti-icer apparatus for aircraft. 2,358,804; Sept. 26.
Holloman, George V., Fairfield, and R. K. Stout, Dayton, Ohio. Leveling device for instrument flying and landing ground type trainers. 2,360,346; Oct. 17.
Hollós, Zsigmond, New York, N. Y. Artillery tractor. 2,364,361; Dec. 5.
Holloway, Luther, Jackson, Tenn. Selvedge guard for looms. 2,344,407; Mar. 14.
Hollstein, Paul, Carlstadt, N. J., deceased, Rutherford Trust Company, administrator, assignor to J. M. Lehmann Co., Inc., New York, N. Y. Treating chocolate and similar materials. 2,348,473; May 9.
Holly, Harry H., assignor to Holly Molding Devices, Chicago, Ill. Automatic portioning and molding mechanism. 2,338,939; Jan. 11.
Holly Molding Devices. (See Holly, Harry H., assignor.)
Hollywood Sales Corporation. (See Moxley, Harry E., assignor.)
Holm, Andrew C., and E. Poirier, Shawinigan Falls, Quebec, assignors to Shawinigan Chemicals Limited, Montreal, Quebec, Canada. Acetylene generation. 2,343,185; Feb. 29.
Holm, Carl B., Englewood, N. J., assignor to International Braid Company. Display package. 2,352,633; July 4.
Holm-Hansen, Osmund, Fairfield, Conn., assignor to General Electric Company. Room air conditioning unit. 2,342,469; Feb. 22.
Holm, Sven. (See Yerrick, W. D., Holm, and Jensen.)
Holm, Sven, and H. F. Keougr, Wellsville, assignors to The Air Preheater Corporation, New York, N. Y. Dust separator. 2,340,592; Feb. 1.
Holman, Arthur J., East Orange, N. J. Apparatus for television pickup from film. 2,345,602; Apr. 4.
Holman, Arthur J., Brighton, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Optical flat generator. 2,362,386; June 27.
Holmbeck, Nels T., Chicago, Ill. Feed control mechanism. 2,342,049; Feb. 15.
Holmberg, Gustave D. (See Fiedler, E. F., and Holmberg.)
Holmes, Albert E., Evanston, Ill. Headlight regulator. 2,349,042; May 16.

Holmes, Colin W. H., Durham City, assignor to The Birtley Company Limited, Birtley, England. Separating intermixed divided materials. 2,348,344; May 9.

Holmes, Donald C., Blawnox, assignor to Burrell Technical Supply Company, Pittsburgh, Pa. Volumeter for continuous measurement. 2,340,751; Feb. 1.

Holmes, Donald F. (See Hanford, W. E., and Holmes.)

Holmes, Elbridge R., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Loom for weaving ladder tapes. 2,355,531; Aug. 8.

Holmes, Elbridge R., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Weaving ladder tapes. 2,355,532; Aug. 8.

Holmes, Elbridge R., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Weft stop motion for narrow ware looms. 2,356,458; Aug. 22.

Holmes Electric Protective Company. (See Chase L. H., and Spenard, assignors.)

Holmes, Frederick M. E., and L. F. Seebach, assignors to Eastman Kodak Company, Rochester, N. Y. Projection screen. 2,358,070; Sept. 12.

Holmes, Gifford I., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Stoker control. 2,343,670; Mar. 7.

Holmes, Gifford I., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Fuel burner control system. 2,355,296; Aug. 8.

Holmes, Glenn E. (See Ostolaza, F., and Holmes.)

Holmes, Harleigh R., Littleton, Colo. Wheel construction for front wheel drives. 2,346,842; Apr. 18.

Holmes, Harrison H., Woodbury, N. J., and W. E. Lawson, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Oil well filter. 2,357,589; Sept. 5.

Holmes, Harrison H., Woodbury, N. J., and W. E. Lawson, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Oil well filter. 2,365,639; Dec. 19.

Holmes, Henry H. (See Wildt, E., Holmes, and Hurd.)

Holmes, Henry H., Leicester, England, assignor to Wildt and Company Limited. Circular knitting machine of the double axially opposed needle cylinder type. 2,358,640; Sept. 19.

Holmes, Henry H., and J. C. H. Hurd, assignors to Wildt and Company, Limited, Leicester, England. Knitted fabric. 2,340,664; Feb. 1.

Holmes, Henry H., and J. C. H. Hurd, assignors to Wildt and Company Limited, Leicester, England. Knitting machine. 2,342,541; Feb. 22.

Holmes, Henry H., and A. P. Saunders, assignors to Wildt and Company Limited, Leicester, England. Circular independent needle knitting machine. 2,358,641; Sept. 19.

Holmes, Herbert G., Lansing, Mich., assignor to Food Machinery Corporation, San Jose, Calif. Wheel balancer. 2,349,552; May 23.

Holmes, Herbert G., Lansing, Mich., assignor to Food Machinery Corporation, San Jose, Calif. Headlight tester. 2,358,010; Sept. 12.

Holmes, Herbert G., Lansing, Mich., assignor to Food Machinery Corporation, San Jose, Calif. Headlight testing apparatus. 2,365,410; Dec. 19.

Holmes, John A., Modesto, Calif. Linoleum rack. 2,341,778; Feb. 15.

Holmes, John E., Auburndale, Mass. Illuminated showcase. 2,351,335; June 13.

Holmes, John Q., Linden, N. J., and C. E. Gordon, deceased, Markelville, by N. M. Gordon, Emporia, Ind., widow and legal representative; said Holmes and said C. E. Gordon, assignors to General Motors Corporation, Detroit, Mich. Motion transmitting mechanism. 2,366,497; Oct. 17.

Holmes, John Q., and B. S. Sample, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Machine for making T's of metal tubing. 2,345,123; Mar. 28.

Holmes, Minot K., Muncie, Ind., assignor to Owens-Illinois Glass Company, Insulator. 2,352,151; June 20.

Holmes, Philip L., Brighton, Mass. Combination air washer and humidifier. 2,360,229; Oct. 10.

Holmes, Ralph S., Haddonfield, N. J., assignor to Radio Corporation of America. Television receiver. 2,339,856; Jan. 25.

Holmes, Ralph S., Haddonfield, N. J., assignor to Radio Corporation of America. Noise limiter. 2,339,857; Jan. 25.

Holmes, Stanley B., Santa Monica, Calif. Lock nut. 2,354,374; July 25.

Holmes, Walter C. (See Davis, C. O., and Holmes.)

Holmested, Francis K., assignor to N. A. Holmested, Charleston, W. Va. Rail clamp. 2,360,230; Oct. 10.

Holmested, Nellie A. (See Holmested, Francis K., assignor.)

Holmgren, Eric A., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Prewelt lasting machine. 2,356,241; Aug. 22.

Holmgren, Eric A., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Upper shaping machine. 2,359,762; Oct. 10.

Holmquist, Carl W., assignor to Copperweld Steel Company, Glassport, Pa. Making composite billets. 2,343,771; Mar. 7.

Holmquist, Frederick E., assignor to Kesteman Bros. Mfg. Co., Providence, R. I. Clasp or connector for watchbracelets or the like. 2,363,590; Nov. 28.

Holmstrom, John G., and W. M. Brown, assignors to Kenworth Motor Truck Corporation, Seattle, Wash. Chain-driven tandem rear axle vehicle. 2,346,164; Apr. 11.

Holmström, Oscar F. (See Wallgren, A. G. F., Holmström, and Evrell.)

Holophane Company. (See Franck, Kurt, assignor.)

Holophane Company. (See Rolph, Thomas W., assignor.)

Holophane Company. (See Rolph, T. W., and Harris, assignors.)

Holophane Company, Inc. (See Tuck, Davis H., assignor.)

Holsclaw, Nell A., Chicago, assignor of one-half to F. E. Sudlow, Rock Island, Ill. Razor. 2,360,679; Oct. 17.

Holshouser, Don F., East Orange, N. J., assignor to Radio Corporation of America. Electron discharge device mount spacer. 2,348,216; May 9.

Holsinger, Chester. (See Reilly, F. E., and Holsinger.)

Holsinger, Chester, assignor to The Goss Printing Press Company, Chicago, Ill. Mechanism for treating freshly printed webs. 2,345,874; Apr. 4.

Holslag, Claude J., South Orange, assignor to Electric Arc, Inc., Newark, N. J. Saving welding electrode material. 2,344,775; Mar. 21.

Holslag, Claude J., South Orange, assignor to Electric Arc, Inc., Newark, N. J. Electrical circuit controller. 2,365,957; Dec. 26.

Holslag, Claude J., South Orange, assignor to Electric Arc, Inc., Newark, N. J. Continuous arc welding system. 2,365,958; Dec. 26.

Holst, Gilles, and J. Hoekstra, Eindhoven, Netherlands; vested in the Alien Property Custodian. Electrical apparatus. 2,359,645; Oct. 3.

Holst, Knute A., Astoria, assignor to Pitometer Log Corporation, New York, N. Y. Ship's speed indicator. 2,357,199; Aug. 29.

Holst, Paul F. G., and L. R. Kirkwood, Oaklyn, N. J., assignors to Radio Corporation of America. Frequency modulation receiver circuit. 2,353,468; July 11.

Holst, William H., Tamaqua, Pa., assignor to Atlas Powder Company, Wilmington, Del. Cellulose ester compositions. 2,355,533; Aug. 8.

Holstein, Frank F., Capitol View, Md. Magnifying attachment for rules. 2,355,161; Aug. 8.

Holstein, John H., assignor to Goodman Manufacturing Company, Chicago, Ill. Shaker conveyer. 2,344,871; Mar. 21.

Holstein, John H., assignor to Goodman Manufacturing Company, Chicago, Ill. Angle drive. 2,352,262; June 27.

Holstein, John H., Chevy Chase, Md., assignor to Goodman Manufacturing Company, Chicago, Ill. Loading device. 2,355,534; Aug. 8.

Holt, Albert C. (See Lemmon, W. S., Doty, Wals, and Holt.)

Holt, Albert C., Oradell, N. J., assignor to International Business Machines Corporation, New York, N. Y. Perforating apparatus. 2,353,034; July 4.

Holt, Albert C., Oradell, N. J., assignor to International Business Machines Corporation, New York, N. Y. Perforating apparatus. 2,355,297; Aug. 8.

Holt, Author S., Goldville, S. C. Heddle bar support. 2,358,288; Sept. 12.

Holt, Benjamin M., and G. E. Liedholm, Long Beach, assignors to Shell Development Company, San Francisco, Calif. Executing vapor phase reactions. 2,340,878; Feb. 8.

Holt, Donald A., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Case hardening. 2,339,223; Jan. 11.

Holt, Donald A., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of light armor plate. 2,342,104; Feb. 22.

Holt, Donald A., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Casehardening. 2,364,292; Dec. 5.

Holt, Grover J., St. Paul, Minn., V. Rakowsky, Joplin, Mo., and R. W. Arms, Evanston, assignors to Minerals Beneficiation Incorporated, Chicago, Ill. Process and apparatus for separating fragmentary materials. 2,347,264; Apr. 25.

Holt, H. W., et al. (See Bryant, Austin U., assignor.)

Holt, Harold P., St. Johnsbury, Vt., assignor to Fairbanks, Morse & Co., Chicago, Ill. Sector arm for weighing scales. 2,341,779; Feb. 15.

Holt, Lee C., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of ethyl mercury salts. 2,344,872; Mar. 21.

Holt, Ray G., Euclid, Ohio, assignor to Pesco Products Co. Nonchattering relief valve. 2,351,512; June 13.

Holt, Philetus H., 2nd. (See Reeves, R. D., and Holt.)

Holt, Pliny G., U. S. N. Surface marking signal. 2,338,719; Jan. 11.

Hölters, Friedrich, Berlin-Lankwitz, Germany; vested in the Alien Property Custodian. Electric control circuit. 2,355,727; Aug. 15.

Holthe, John, Baltimore, assignor to The Glenn L. Martin Company, Middle River, Md. Stall warning device. 2,356,847; Aug. 29.

Holthouse, Harry B., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Electrical heater system for liquid fuel burners. 2,361,400; Oct. 31.

Holtz, Ireneus B., Asheville, Pa. Buckle. 2,356,848; Aug. 29.

Holtz, Johann D. (See Schürmann, M.-O., and Holtz.)

Holtzclaw, John B., Los Angeles, Calif. Adjustable curtain rod holder. 2,341,217; Feb. 8.

Holtzman, John, New York, N. Y., assignor of one-half to I. F. Goodfriend. Sharpening device. 2,351,813; June 20.

Holtzman, William A., assignor to Hart-Carter Company, Peoria, Ill. Steel frame thresher screen. 2,347,480; Apr. 25.

Holtzman, Wolfe, Brooklyn, N. Y. Cabinet. 2,350,280; May 30.

Holveck, Alpha O., Victoria, Tex. Draining valve for drum receptacles. 2,362,379; Nov. 7.

Holven, Alfred L. (See Gillett, T. R., Meads, and Holven.)

Holzmann, Hermann, Hanau-on-the-Main, Germany, vested in the Alien Property Custodian. Spinning nozzle for the production of artificial hollow threads. 2,360,680; Oct. 17.

Holzmann, John W., New York, N. Y., assignor to Edwards and Company, Inc., Norwalk, Conn. Signal control apparatus. 2,352,543; June 27.

Holzmer, Matthew, Cleveland, and T. A. Neuhaus, Lakewood, assignors to The Glidden Company, Cleveland, Ohio. Varnish. 2,356,789; Aug. 29.

Holzner, Adolf, Merrick, N. Y. Cyclometer clock. 2,351,814; June 20.

Holzwarth Gas Turbine Co. (See Holzwarth, Hans, assignor.)

Holzwarth, Hans, Dusseldorf, Germany, assignor to Holzwarth Gas Turbine Co., San Francisco, Calif. Liquid cooled, multiringed turbine rotor. 2,339,779; Jan. 25.

Holzworth, Charles R., North Tonawanda, N. Y. Coke oven. 2,341,321; Feb. 8.

Home Curtain Corp. (See Topliss, Norman, assignor.)

Home Heaters, Inc. (See Peterson, E. C., and Baumgart, assignors.)

Homelaya, Incorporated. (See Baldwin, William J., assignor.)

Homer Laughlin Chins Company, The. (See Emerson, Walter H., assignor.)

Homeyer, August H. (See Wallingford, V. H., and Homeyer.)

Hommel, O., Company, The. (See Rosenberg, Jacob E., assignor.)

Honegger, John A., assignor to Specialties Manufacturing Company, Inc., Bloomfield, N. J. Multiple toolholder for lathes. 2,355,072; Aug. 8.

Honegger, John A., assignor to Specialties Manufacturing Company, Bloomfield, N. J. Lathe attachment. 2,365,196; Dec. 19.

Honekamp, Friedrich, New York, N. Y., assignor to Anemostat Corporation of America. Air outlet device and producing same. 2,353,626; July 18.

Hönel, Herbert, Vienna, and A. Zinke, Gras, Germany; vested in the Alien Property Custodian. Resinous condensation product and making it. 2,343,296; Mar. 7.

Hönel, Herbert, Vienna, Germany; vested in the Alien Property Custodian. Making alcohol modified urea-formaldehyde resins. 2,350,894; June 6.

Honerkamp, Friedrich. (See Kurth, F. J., and Honerkamp.)

Honert, Joseph H., O. A. Reinhardt, and W. J. Reinhardt, Chicago, Ill.; said O. A. Reinhardt and said W. J. Reinhardt assignors to said Honert. Hot-air furnace. 2,354,418; July 25.

Honeywell, Clinton C. (See Taylor, R. G., and Honeywell.)

Hönger, Guido, Geneva, assignor to Mefina S. A., Binningen, Switzerland. Clockwork escapement. 2,354,020; July 18.

Hönger, Guido, Geneva, assignor to Mefina S. A., Binninger, Switzerland. Cylinder safety lock. 2,358,164; Sept. 12.

Honig, Henry T., Dallas, Tex. Broaching machine. 2,338,940; Jan. 11.

Honig, Henry T., Dallas, Tex. Gathering machine. 2,362,134; Nov. 7.

Honorary Advisory Council for Scientific and Industrial Research, The. (See Flood, Edward A., assignor.)

Honorary Advisory Council for Scientific and Industrial Research, The. (See Pidgeon, L. M., and Phillips, assignors.)

Honroth, Kenneth A. (See McGinnis, J. L., and Honroth.)

Hood, Arthur J., Reno, Nev. Shearing device. 2,357,197; Aug. 29.

Hood, Clifford F. (See Bletso, B. N., Hood, and Morgan.)

Hood, E. Elliott, Elmira, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine starter gearing. 2,342,632; Feb. 29.

Hood, E. Elliott, Elmira, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Metallic brake material. 2,361,031; Oct. 24.

Hood, Harrison P., Corning, N. Y., assignor, by mesne assignments, to Owens-Corning Fiberglas Corporation. Treating glass fibers and article made thereby. 2,339,928; Jan. 25.

Hood, Henry J., assignor to Eastman Kodak Company, Rochester, N. Y. Lens hood. 2,350,110; May 30.

Hood, John W., Ridgewood, assignor to Acco, Incorporated, Bloomfield, N. J. Clarification of liquids. 2,350,111; May 30.

Hood, R. W. (See Vaughn, John L., assignor.)

Hood, Richard W. (See Vaughn, John L., assignor.)

Hood, Robert L., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Spectrophotometer amplifier. 2,359,734; Oct. 10.

Hood, Stanley R., Birmingham, assignor to W. M. Chace Company, Detroit, Mich. Weld rod. 2,338,812; Jan. 11.

Hooey, William C., South Orange, N. J., assignor to The New Jersey Zinc Company, New York, N. Y. Sintering. 2,357,198; Aug. 29.

Hoof, Addison C., Hinsdale, Ill. Valve. 2,358,228; Sept. 12.

Hoofer, Charles F., Chicago, Ill. Price card holder. 2,342,542; Feb. 22.

Hook, Charles H., Pittsburgh, Pa. Reversible tap holder, 2,356,669; Aug. 22.

Hook, Edwin O. (See Dean, R. T., and Hook.)

Hook, Ray W., Near Union, assignor to Monarch Mills, Union, S. C. Parallel mechanism for looms. 2,355,802; Aug. 15.

Hooker Electrochemical Company. (See Edward, John P., assignor.)

Hooker Electrochemical Company. (See Maude, A. H., and Rosenberg, assignors.)

Hooker Electrochemical Company. (See Newton, Evans K., assignor.)

Hooker Electrochemical Company. (See Osborne, S. G., and Maude, assignors.)

Hooker, George W., S. C. Stowe, and S. M. Stoesser, Midland, Mich., assignors to Thiokol Corporation, Trenton, N. J. Allyl polymer. 2,342,582; Feb. 22.

Hooker, John H., Miami, Fla. Passenger and freight carrying aircraft. 2,352,323; June 27.

Hooker, Willis O. (See Holbrook, R. A., and Hooker.)

Hooks, S. & Z., Co. (See Zarowin, Albert A., assignor.)

Hooper, Duke W., et al. (See Lunney, Henry J., assignor.)

Hooper, F. X., Company. (See Greenwood, Henry B., assignor.)

Hooper, F. X., Company. (See Shackelford, W. G., and Wiley, assignors.)

Hooper, Frank B., Newport News, Va. Vent pipe valve for fuel oil tanks. 2,344,304; Mar. 14.

Hooper, Gilman S., Waynesboro, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of cellulose acetate staple. 2,346,258; Apr. 11.

Hooper, Paul R., et al. (See Lunney, Henry J., assignor.)

Hoorn, Robert A., Minneapolis, Minn. Gear cutter. 2,343,508; Mar. 7.

Hoosier Crown Corporation, The. (See Smith, Robert P., assignor.)

Hoot, Clifford H. (See Close, J. W., and Hoot, assignors.)

Hooven, Frederick J., Dayton, Ohio. Timing device. 2,347,481; Apr. 25.

Hooven, Frederick J., Dayton, Ohio. Bomb release system, 2,351,336; June 13.

Hoover Ball & Bearing Company. (See Koepp, Orville W., assignor.)

Hoover, Charles, Jr., Lexington, N. C. Folding chair. 2,350,895; June 6.

Hoover Company, The. (See Beach, Justice H., assignor.)

Hoover Company, The. (See Becker, Bernard C., assignor.)

Hoover Company, The. (See Bixler, Milo E., assignor.)

Hoover Company, The. (See Boyer, Harold H., assignor.)

Hoover Company, The. (See Brace, George A., assignor.)

Hoover Company, The. (See Coons, Curtis C., assignor.)

Hoover Company, The. (See Daiger, G. P., and Kitto, assignors.)

Hoover Company, The. (See Hahn, Paul T., assignor.)

Hoover Company, The. (See Kitto, William H., assignor.)

Hoover Company, The. (See Martin, Frank A., assignor.)

Hoover Company, The. (See Osborn, Ralph C., assignor.)

Hoover Company, The. (See Sellers, W. D., and Gross, assignors.)

Hoover Company, The. (See Siedle, Arnold D., assignor.)

Hoover Company, The. (See Smellie, Donald G., assignor.)

Hoover Company, The. (See Snyder, Eugene L., assignor.)

Hoover Company, The. (See Stahl, Maurice D., assignor.)

Hoover Company, The. (See Stoner, Thomas A., assignor.)

Hoover Company, The. (See Swann, Edward R., assignor.)

Hoover Company, The. (See Troxler, Charles G., assignor.)

Hoover Company, The. (See White, Harry B., assignor.)

Hoover, Edward M., Anderson, Ind. Roller window screen. 2,342,341; Feb. 22.

Hoover, Frank M., Youngstown, Ohio. Toy. 2,351,762; June 20.

Hoover, George R. (See Hayes, N. E., Hoover, and Taylor.)

Hoover, Herbert, Jr., Sierra Madre, assignor to Consolidated Engineering Corporation, Pasadena, Calif. Mass spectrometer. 2,341,551; Feb. 15.

Hoover, John A., North Charleston, S. C., assignor to West Virginia Pulp and Paper Company, New York, N. Y. Sheave device for draping Fourdrinier wire. 2,340,269; Jan. 25.

Hoover, John R., Stow, Ohio, assignor to The B. F. Goodrich Company. Masonry structure. 2,361,205; Oct. 24.

Hoover, Walter S., Montreal, Quebec, Canada. Combined speed and velocity responsive variable pitch propeller mechanism. 2,347,104; Apr. 18.

Hoover, Walter S., Montreal, Quebec, Canada. Variable pitch constant speed propeller assembly. 2,363,670; Nov. 28.

Hope, Frederick J. (See Bainbridge, W. C., and Hope.)

Hope, John A., Lakewood, assignor, by mesne assignments, to The Cleveland Pneumatic Tool Company, Cleveland Ohio. Drill steel centralizer. 2,357,001; Aug. 29.

Hope, Samuel N. (See Thompson, O. T., and Hope.)

Hopewell, Fred B., Bargaintown, N. J. Window unit. 2,355,803; Aug. 15.

Hopff, Heinrich. (See Drossbach, O., Hopff, and Huttner.)

Hopff, Heinrich, S. Goebel, and C. W. Rautenstrauch, Ludwigshafen-on-the-Rhine, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Production of polymerization products from ethylene. 2,342,400; Feb. 22.

Hopff, Heinrich, A. Weickmann, and R. Kern, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline & Film Corporation, New York, N. Y. Production of condensation products. 2,352,387; June 27.

Hopff, Heinrich, and W. Rapp, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline & Film Corporation, New York, N. Y. Interpolymerization products of diene synthesis products and compounds having an ω-methylene group and their production. 2,359,038; Sept. 26.

Hopfield, John J., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Method of and apparatus for shaping glass. 2,348,905; May 16.

Hopkins, Arthur G., Maspeth, N. Y., assignor to National Can Corporation, New York, N. Y. Vacuum can seamer. 2,363,248; Nov. 21.

Hopkins, David W., Philadelphia, Pa. Valve. 2,349,727; May 23.

Hopkins, David W., Philadelphia, Pa. Three-way valve. 2,351,613; June 20.

Hopkins, George W., Jr., San Leandro, Calif. Antiaircraft fire control system. 2,342,938; Feb. 29.

Hopkins, Giles E., Washington, D. C., J. N. Dow, Longmeadow, Mass., and R. L. Peters, Amsterdam, N. Y., assignors to Bigelow-Sanford Carpet Co. Inc., Thompsonville, Conn. Pile fabric cleaning method and material. 2,344,247; Mar. 14.

Hopkins, Joseph A., Rockford, Ill. Denture cleanser. 2,352,487; Nov. 14.

Hopkins, Matthew S., assignor to Howard Flint Ink Company, Detroit, Mich. Rotogravure ink. 2,358,511; Sept. 19.

Hopkins, Nevil M., New York, N. Y., assignor to United States Trust Company of New York. War vessel with high power, long range gun. 2,349,728; May 23.

Hopkins, Robert K., assignor to The M. W. Kellogg Company, New York, N. Y. Apparatus for producing metal bodies. 2,347,413; Apr. 25.

Hopkins, Robert K., assignor to The M. W. Kellogg Company, New York, N. Y. Apparatus for the production of metal. 2,350,233; May 30.

Hopkins, Robert K., assignor to The M. W. Kellogg Company, New York, N. Y. Metal casting apparatus. 2,361,101; Oct. 24.

Hopkins, Roy S., assignor to Eastman Kodak Company, Rochester, N. Y. Device for producing enlarged images. Re. 22,517; July 18.

Hopkins, Roy S., assignor to Eastman Kodak Company, Rochester, N. Y. Film clamping mechanism for projectors. 2,341,378; Feb. 8.

Hopkins, Roy S., assignor to Eastman Kodak Company, Rochester, N. Y. Film handling apparatus. 2,346,074; Apr. 4.

Hopkins, Roy S., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic copying apparatus. 2,357,827; Sept. 12.

Hopkins, Roy S., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic copying apparatus. 2,364,362; Dec. 5.

Hopkinson, Harry, Watertown, Mass. Fireproofing plasticisers. 2,343,186; Feb. 29.

Hopkinson, Russell, East Hampton, and A. V. Tolstoouhov, New York, N. Y., assignors, by mesne assignments, to Parke, Davis & Company, Detroit, Mich. Therapeutic arsenic preparation. 2,349,729; May 23.

Hopp, Harold P., Englewood, N. J., and E. Kunzelman, Mount Vernon, assignors to H. K. Metal Craft Manufacturing Co., New York, N. Y. Jacob's ladder. 2,348,068; May 2.

Hopp, Harold P., Englewood, N. J., and E. Kunzelman, Mount Vernon, assignors to H. K. Metal Craft Manufacturing Co., New York, N. Y. Chain ladder construction. 2,348,069; May 2.

Hopp, Harold P., Englewood, N. J., and E. Kunzelman, Mount Vernon, assignors to H. K. Metal Craft Manufacturing Co., New York, N. Y. Chain ladder. 2,348,906; May 16.

Hopp, Harold P., Englewood, N. J., and E. Kunzelman, Mount Vernon, assignors to H. K. Metal Craft Manufacturing Co., New York, N. Y. Chain ladder. 2,353,035; July 4.

Hopp, Herman. (See Hopp, Leo, assignor.)

Hopp, Leo, assignor to The Hopp Press, Incorporated, New York, N. Y. Price ticket molding. 2,353,469; July 11.

Hopp, Leo, assignor to H. Hopp, New York, N. Y. Price ticket protector. 2,362,273; Nov. 7.

Hopp Press, Incorporated, The. (See Hopp, Leo, assignor.)

Hoppe, Arnold F., Greensboro, Ind. Governor. 2,361,206; Oct. 24.

Hoppe, William, Longmeadow, assignor to National Bread Wrapping Machine Co., Springfield, Mass. Wrapper feed. 2,342,684; Feb. 22.

Hoppe, William, Longmeadow, assignor to National Bread Wrapping Machine Co., Springfield, Mass. Paper reel brake. 2,346,756; Apr. 18.

Hoppe, William, Longmeadow, assignor to National Bread Wrapping Machine Co., Springfield, Mass. Web feed for wrapping machines. 2,347,560; Apr. 25.

Hoppe, William, Longmeadow, and F. B. Roberts, West Springfield, assignors to National Bread Wrapping Machine Co., Springfield, Mass. End labeling attachment. 2,342,583; Feb. 22.

Hoppe, William, Longmeadow, and F. B. Roberts, West Springfield, assignors to National Bread Wrapping Machine Co., Springfield, Mass. Web registering device. 2,365,757; Dec. 26.

Hopper, Basil, Palos Verdes Estates, assignor to Union Oil Company of California, Los Angeles, Calif. Two-stage alkylation process. 2,354,595; July 25.

Hopper, Bert A., Flint, Mich. Explosive projectile. 2,346,843; Apr. 18.

Hopper, Frederick N., Niagara Falls, N. Y., assignor to Niacet Chemicals Corporation. Stabilization of vinyl esters. 2,352,263; June 27.

Hopps, Bernard, assignor to Lodge Plugs Limited, Rugby, England. Sparking plug. 2,349,432; May 23.

Hopson, J. B., et al. (See Swofford, Peter J., assignor.)

Hopwood, John A., Great Neck, N. Y., assignor to Monitor Process Corporation, Jersey City, N. J. Remodeling milk cans. 2,345,995; Aug. 1.

Hopwood, John A., Great Neck, N. Y., assignor to Hopwood Retinning Co., Inc., Jersey City, N. J. Cover for milk delivery cans. 2,364,216; Dec. 5.

Hopwood, John M. (See Anderson, George R., assignor.)

Hopwood, John M. (See Donaldson, Robert R., assignor.)

Hopwood, John M. (See Markson, Alfred A., assignor.)

Hopwood Retinning Co. (See Hopwood, John A., assignor.)

Hörack, Hans, Immenstadt, Germany; vested in the Alien Property Custodian. Adjustable jaw for skis. 2,342,807; Feb. 29.

Horan, Timothy F., New Haven, Conn. Automatic firearm. 2,341,780; Feb. 15.

Horan, Timothy F., assignor to Western Cartridge Company, New Haven, Conn. Tubular-magazine repeating firearm. 2,350,555; June 6.

Horan, Timothy F., New Haven, Conn., assignor to Savage Arms Corporation, Utica, N. Y. Automatic firearm. 2,357,047; Aug. 29.

Horback, William, Newark, N. J., assignor to Celanese Corporation of America. Materials impermeable to ultra-violet radiations. 2,356,849; Aug. 29.

Horberg, William, Bridgeport, Conn. Forming conical frustums by progressive chamfering. 2,356,850; Aug. 29.

Hordern-Richmond Limited. (See Daniels, A. O., and German, assignors.)

Horder's, Incorporated. (See Snelling, Walter L., assignor.)

Horesi, Anthony C., Downers Grove, Ill., assignor to Corn Products Refining Company, New York, N. Y. Continuous conversion of starch. 2,359,763; Oct. 10.

Horix Manufacturing Company. (See Weaver, Jesse E., assignor.)

Horky, Charles A., Chicago, Ill. Decorative device. 2,359,559; Oct. 3.

Horlacher, Albert F., Genoa, Ill., assignor to Automatic Electric Laboratories, Inc. Transmitter. 2,354,021; July 18.

Horlacher, Albert F., Genoa, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Sound translating device. 2,355,298; Aug. 8.

Horlacher, Elmer L., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,344,145; Mar. 14.

Hormes, William T., Catonsville, Md. Shelving support. 2,355,651; Aug. 15.

Hormes, William T., Catonsville, Md. Multiple use display unit. 2,359,109; Sept. 26.

Horn, Charles J. (See Herrick, H. K., and Horn.)

Horn, Charles J., Arcadia, Calif., assignor to Stephens-Adamson Mfg. Co. Compensating counterbalance for booms and the like. 2,365,821; Dec. 26.

Horn, Clarence A., assignor to Raytheon Production Corporation, Newton, Mass. Making molded stems. 2,340,879; Feb. 8.

Horn, Ernst, Nurnberg, Germany; vested in the Alien Property Custodian. Track for toy vehicles. 2,350,760; June 6.

Horn, George B., Fairfield, assignor, by mesne assignments, to The Wheeler Insulated Wire Company, Incorporated, Bridgeport, Conn. Gaseous discharge lamp circuit. 2,348,739; May 16.

Horn & Hardart Baking Co. (See Baker, Raymond, Sr., assignor.)

Horn, Harry J. (See Hunt, J. H., and Horn.)

Horn, Harry J., assignor to Motor Wheel Corporation, Lansing, Mich. Brake drum. 2,349,658; May 23.

Horn, Knud. (See Andersen, A. B., and Horn.)

Hornaday, James R. (See Alexander, D. F., Hornaday, and Kuhn.)

Hornaday, James R., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,341,781; Feb. 15.

Hornbostel, Lloyd. (See Berry, E. E., and Hornbostel.)

Hornbostel, Lloyd, assignor to Beloit Iron Works, Beloit, Wis. Press roll drive. 2,348,345; May 9.

Hornbostel, Lloyd, assignor to Beloit Iron Works, Beloit, Wis. Paper winder. 2,354,952; Aug. 1.

Hornbostel, Lloyd, assignor to Beloit Iron Works, Beloit, Wis. Drive for papermaking machines. 2,357,201; Aug. 29.

Hornbostel, Lloyd, assignor to Beloit Iron Works, Beloit, Wis. Apparatus for winding web materials. 2,357,202; Aug. 29.

Hornbostel, Lloyd, assignor to Beloit Iron Works, Beloit, Wis. Roll actuating mechanism. 2,364,443; Dec. 5.

Hornbostel, Lloyd, assignor to Beloit Iron Works, Beloit, Wis. Drier drum. 2,365,271; Dec. 19.

Hornbrook, Philip R., Allentown, assignor to Fuller Company, Catasauqua, Pa. Conveying apparatus. 2,347,105; Apr. 18.

Horne, Eldon A., Muskegon Heights, Mich. Apparatus for invalids. 2,361,102; Oct. 24.

Horne, Robert A., Gretna, La. Power press. 2,356,790; Aug. 29.

Horne, William O., Chicago, Ill., assignor to Rheem Manufacturing Company, Richmond, Calif. Water heater. 2,364,791; Dec. 12.

Horner, Russell S., Geneva, Ohio. Scraper. 2,346,757; Apr. 18.

Horner, William L., Houston, assignor to Core Laboratories, Inc., Dallas, Tex. Determining porosity. 2,345,535; Mar. 28.

Horner, William L., assignor to Core Laboratories, Inc., Dallas, Tex. Determining fluid contents of solids. 2,361,844; Oct. 31.

Hornfeck, Anthony J. (See Ryder, J. D., and Hornfeck.)

Hornfeck, Anthony J., Cleveland, Ohio, assignor to Bailey Meter Company. Temperature measuring apparatus. 2,356,329; June 6.

Horning, Edwin L., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Switch. 2,343,060; Feb. 29.

Horning, Raymond, assignor to Oswego Falls Corporation, Fulton, N. Y. Tubular container. 2,349,730; May 23.

Hornkem Corporation. (See Daniel, Friedrich K., assignor.)

Hornschuch, Hanns, Easton, Pa., assignor to Ingersoll-Rand Company, New York, N. Y. Centrifugal pump. 2,349,731; May 23.

Hornung, Anton N., Los Angeles, Calif. Store shelving display facing. 2,352,100; June 20.

Horowitz, Alexandre, and A. van Dam, Eindhoven, Netherlands, assignors, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Haircutting device. 2,343,553; Mar. 7.

Horowitz, Isaac B., New York, N. Y. Power transmission. 2,359,267; Sept. 26.

Horr, John V., Hastings on Hudson, assignor to Einson-Freeman Co., Inc., Long Island City, N. Y. Collapsible cardboard display device. 2,352,436; June 27.

Horr, John V., North Tarrytown, assignor to Einson-Freeman Co., Inc., Long Island City, N. Y. Educational device. 2,353,238; July 11.

Horrer, Otto, assignor to Chicago Flexible Shaft Company, Chicago, Ill. Making comb member for dry shavers. 2,346,489; Apr. 11.

Horrigan, Joseph R., Houston, Tex., assignor to L. and A. Perrault composing the copartnership of Perrault Brothers, Tulsa, Okla. Pipe coating apparatus. 2,340,325; Feb. 1.

Horrigan, Joseph R., Houston, Tex., assignor to L. and A. Perrault composing the copartnership of Perrault Brothers, Tulsa, Okla. Apparatus for covering pipe. 2,340,326; Feb. 1.

Horrocks-Ibbotson Co. (See Ibbotson, E. D., and Schmidt, assignors.)

Horsefield, Russell J. (See Ross, Earl, assignor.)

Horsey, Oliver P. (See Nelswinter, J. T., and Horsey.)

Horsfield, Basil, assignor, by mesne assignments, to Orefraction Incorporated, Pittsburgh, Pa. Separation. 2,361,207; Oct. 24.

Horsfield, Basil, assignor, by mesne assignments, to Edwin L. Wiegand Company, Pittsburgh, Pa. Electrical heating element. 2,363,130; Nov. 21.

Horsfield, Basil, assignor, by mesne assignments, to Edwin L. Wiegand Company, Pittsburgh, Pa. Making electrical heating elements. 2,363,329; Nov. 21.

Horsfield, Wallis R. (See Hastings, Arthur C., Jr., and O. B., and Horsfield.)

Horsley, Lee H., and H. S. Nutting, assignors to The Dow Chemical Company, Midland, Mich. Purification of butadiene. 2,363,527; Nov. 28.

Horst, Julius, Berlin-Charlottenburg, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,343,376; Mar. 7.

Horstkotte, Gerry A., Bend, Oreg. Lumber handling table. 2,353,239; July 11.

Horstkotte, William E., Spokane, Wash. Clothes drier. 2,356,930; Aug. 29.

Horstman, Clifford C., Sharpeville, and W. H. Brandt, Pittsburgh, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Insulation for silicon irons. 2,354,123; July 18.

Horstmann, Bevan G., Bath, assignor to The Sperry Gyroscope Company, Ltd., Brentford, England. Jamming clutch. 2,365,877; Dec. 26.

Horstmann, Bevan G., Box, England. Mechanical relay mechanism. 2,341,989; Feb. 15.

Horswell, Alfred H. (See Bahney, L. W., and Horswell.)

Horton, Albert J., White Plains, assignor to R. Hoe & Co., Inc., New York, N. Y. Printing machine drive. 2,356,160; Aug. 22.

Horton, Arthur W., Jr., South Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric signaling. 2,348,131; May 2.

Horton, Erwin C. (See Rappl, A., and Horton.)

Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Windshield wiper blade. 2,343,843; Mar. 7.

Horton, Erwin C., Hamburg, and A. Rappl, assignors to Trico Products Corporation, Buffalo, N. Y. Control means for windshield cleaners. 2,339,407; Jan. 18.

Horton, Erwin C., Hamburg, and A. Rappl, assignors to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner system. 2,348,346; May 9.

Horton, Erwin C., Hamburg, and A. Rappl, assignors to Trico Products Corporation, Buffalo, N. Y. Precision instrument. 2,350,040; May 30.

Horton, Erwin C., Hamburg, and A. Rappl, assignors to Trico Production Corporation, Buffalo, N. Y. Micrometer gauge. 2,362,203; Nov. 7.

Horton, Erwin C., Hamburg, and A. Rappl, assignors to Trico Products Corporation, Buffalo, N. Y. Vehicle signal control unit. 2,364,143; Dec. 5.

Horton, Erwin C., Hamburg, and A. Rappl, assignors to Trico Products Corporation, Buffalo, N. Y. Fluid motor. 2,364,715; Dec. 12.

Horton, Francis, Riverdale, N. Y., L. C. Kemp, Port Arthur, Tex., R. E. Nagle, New York, and L. P. Scoville, White Plains, assignors, by mesne assignments, to The Texas Company, New York, N. Y. Manufacture of motor fuel. 2,348,815; May 16.

Horton, Frank J., Detroit, Mich. Folding chair. 2,360,231; Oct. 10.

Horton, Frank J., Hamtramck, assignor to Super Tool Company, Detroit, Mich. Grinding machine. 2,350,234; May 30.

Horton, George T., assignor to Chicago Bridge & Iron Company, Chicago, Ill. Elevated steel tank. 2,341,100; Feb. 8.

Horton, George T., assignor to Chicago Bridge & Iron Company, Chicago, Ill. Elevated tank. 2,358,805; Sept. 26.

Horton, Joseph R., Knoxville, Tenn. Turbo power transmission apparatus. 2,357,654; Sept. 5.

Horton, Kenneth W., De Freestville, and C. H. Andros, Nasau, N. Y. Rivet. 2,355,439; Aug. 8.

Horton Manufacturing Company. (See Bradley, William H., assignor.)

Horton Manufacturing Company. (See Ferguson, E. M., Barton, and McCrady, assignors.)

Horton, Osborne L., Baltimore, Md. Coat hanger. 2,352,264; June 27.

Horvath, Anthony G. (See Eickmeyer, E. E., and Horvath.)

Horvath, Anthony G., assignor to The Dayton Pump & Mfg. Company, Dayton, Ohio. Pump. 2,354,265; July 25.

Horvath, Anthony G., assignor to The Dayton Pump & Mfg. Company, Dayton, Ohio. Nozzle for pump type fire extinguishers. 2,365,758; Dec. 26.

Horvath, Artemy A., assignor to Horvath Laboratories, Inc., Chambersburg, Pa. Treating protein contsining materials with fruit materials. 2,363,864; Nov. 28.

Horvath Laboratories, Inc. (See Horvath, Artemy A., assignor.)

Horvitz, Benjamin, et al. (See Levesque, Theodore J., assignor.)

Horvitz, Leo, Houston, Tex. Geochemical prospecting. 2,338,643; Jan. 4.

Horvitz, Leo, assignor to E. E. Rosaire, Houston, Tex. Geochemical prospecting. 2,343,772; Mar. 7.

Horwedel, Charles R., Lakewood, Ohio, assignor to The American Steel and Wire Company of New Jersey. Stainless steel wire. 2,365,959; Dec. 26.

Hosfield, Lee C., Parma, Ohio, assignor to National Carbon Company, Inc. Process and apparatus for uniting sheets of thermoplastic materials. 2,343,975; Mar. 14.

Hosiery Patents Inc. (See Subin, Benjamin, assignor.)

Hosiery Patents Inc. (See Weisbecker, Frank G., assignor.)

Hosking, Oakley W., Monroe, N. Y. Rubber valve stem. 2,344,932; Mar. 21.

Hosking, Richard T., Wilmette, assignor, by mesne assignments, to Illinois Tool Works, Chicago, Ill. Self-locking screw device. 2,349,591; May 23.

Hosking, Richard T., Wilmette, assignor, by mesne assignments, to Illinois Tool Works, Chicago, Ill. Self-locking screw device. 2,349,592; May 23.

Hosking, Richard T., Wilmette, assignor, by mesne assignments, to Illinois Tool Works, Chicago, Ill. Self-locking screw device. 2,349,593; May 23.

Hoskins, Charles L. (See Roberts, William E., assignor.)

Hoskins, Herbert V., Savannah, Ga. Power generator. 2,359,108; Sept. 26.

Hosmer, George H., Arlington, Mass. Display device and holder for price tags and advertising cards. 2,363,418; Nov. 21.

Hospital Supply Company, The. (See Skaller, Hans G., assignor.)

Hotchkiss, Clarence F., Jr., assignor to Stow Manufacturing Company, Inc., Binghamton, N. Y. Apparatus for making flexible shafting. 2,342,343; Feb. 22.

Hotchkiss, Clarence F., Jr., assignor to Stow Manufacturing Company, Inc., Binghamton, N. Y. Flexible shaft winding tool. 2,344,917; Mar. 21.

Hotchkiss, Clarence F., Jr., assignor to Stow Manufacturing Company, Inc., Binghamton, N. Y. Apparatus and method for making flexible shafting. 2,347,631; Apr. 25.

Hotchkiss, Clarence F., Jr., assignor to Stow Manufacturing Company, Inc., Binghamton, N. Y. Winding head for flexible shaft forming machines. 2,347,632; Apr. 25.

Hotchkiss, Clarence F., Jr., and G. G. Eisenbeis, assignors to Stow Manufacturing Company, Inc., Binghamton, N. Y. Flexible shaft winding machine. 2,342,342; Feb. 22.

Hotchkiss, Clifford, assignor to Perfex Corporation, Milwaukee, Wis. Stoker damper control. 2,360,347; Oct. 17.

Hotchkiss, E. H., Company, The. (See Polzer, Fridolin, assignor.)

Hotchkiss, Harry D., Bridgeport, Conn., assignor to Remington Arms Company, Inc. Ammunition and explosive-charge making. 2,350,556; June 6.

Hotchner, Fred, Los Angeles, Calif. Adjustable countersink or the like. 2,354,461; July 25.

Hotchner, Fred, Los Angeles, Calif. Chamfering tool. 2,368,293; Dec. 5.

Hotels Statler Company. (See Margulies, Walter P., assignor.)

Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Nozzle lining machine. 2,341,552; Feb. 15.

Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Producing compartment containers. 2,344,986; Mar. 28.

Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Container. 2,345,165; Apr. 11.

Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Container. 2,346,684; Apr. 18.

Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Container. 2,346,685; Apr. 18.

Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Container. 2,347,686; May 2.

Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Container. 2,347,687; May 2.

Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Packaging milk. 2,355,073; Aug. 8.

Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Container closure. 2,355,074; Aug. 8.

Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Scoring machine. 2,361,401; Oct. 31.

Hothersall, John M., Brooklyn, N. Y., and J. H. Murch, East Orange, N. J., assignors to American Can Company, New York, N. Y. Coating machine. 2,343,906; Mar. 14.

Hothersall, John M., Brooklyn, N. Y., and J. H. Murch, East Orange, N. J., assignors to American Can Company, New York, N. Y. Machine for making fiber container parts. 2,361,942; Nov. 7.

Hotine, William, Westbury, N. Y. Automatic carrier for strip materials. 2,351,428; June 13.

Hotstream Heater Company, The. (See Crew, Morris W., assignor.)

Hottenroth, Frederick W., Jr., Schenectady, N. Y., assignor to General Electric Company. Refrigerator control device. 2,351,968; June 20.

Houchins, Henry R., assignor to The Carborundum Company, Niagara Falls, N. Y. Porous abrasive article. 2,348,474; May 9.

Houdaille-Hershey Corporation. (See Chisholm, Harry L., Jr., assignor.)

Houdaille-Hershey Corporation. (See Dall, Edward D., assignor.)

Houdaille-Hershey Corporation. (See Fergueson, Arthur P., assignor.)

Houdaille-Hershey Corporation. (See Fergueson, A. P. and Schatzman, assignors.)

Houdaille-Hershey Corporation. (See Magrum, Gervase M., assignor.)

Houdaille-Hershey Corporation. (See Magrum, G. M., and Chisholm, assignors.)

Houdaille-Hershey Corporation. (See Magrum, G. M., Chisholm, Jr., and Hodge, assignors.)

Houdaille-Hershey Corporation. (See O'Connor, Bernard E., assignor.)

Houdaille-Hershey Corporation. (See Pinner, Walter L., assignor.)

Houdaille-Hershey Corporation. (See Sandberg, Ray A., assignor.)

Houdaille-Hershey Corporation. (See Schueren, William B., assignor.)

Houdaille-Hershey Corporation. (See Sebok, Joseph B., assignor.)

Houdaille-Hershey Corporation. (See Wohlfield, Frederick W., assignor.)

Houdry, Eugene J., Ardmore, and H. P. Broom, Haverford Township, Montgomery County, Pa., assignors to Houdry Process Corporation, Wilmington, Del. Residual hydrocarbon treatment. 2,345,603; Apr. 4.

Houdry Process Corporation. (See Bates, John R., assignor.)

Houdry Process Corporation. (See Bates, J. R., and Harkness, assignors.)

Houdry Process Corporation. (See Bond, George R., Jr.)

Houdry Process Corporation. (See Houdry, E. J., and Broom, assignors.)

Houdry Process Corporation. (See Peterkin, Albert G., assignor.)

Houghland, Glen S., New York, N. Y., assignor to Gasoline Products Company, Inc., Jersey City, N. J. Stabilizing hydrocarbons. 2,348,681; May 9.

Houghland, Glen S., New York, N. Y., and C. C. King, Roselle, assignors to The M. W. Kellogg Company, Jersey City, N. J. Apparatus for distillation control. 2,357,113; Aug. 29.

Houghtaling, Amer L., assignor of fifteen percent to H. G. De Neffe and fifteen percent to F. M. De Neffe, Portland, Oreg. Buoyant structure. 2,364,072; Dec. 5.

Houghten, Ferry C., and M. B. Ferderber, Pittsburgh, Pa. Inducing artificial fevers. 2,366,030; Dec. 26.

Houghton, Albert A., Saltcoats, and K. J. C. Luckhurst, Glasgow, Scotland, assignors to Imperial Chemical Industries Limited. Isolation of water insoluble cellulose hydroxy fatty acids and their water soluble salts. 2,357,469; Sept. 5.

Houghton, Alexis C., Bartlett, Calif., assignor to F. A. Dakin, Boston, Mass., as trustee. Purifying crude sodium carbonate. 2,347,053; Apr. 18.

Houghton, Augustus S., Riverside, N. J., assignor, by mesne assignments, to Allied Chemical & Dye Corporation. Preparation of catalysts. 2,339,929; Jan. 25.

Houghton-Butcher Manufacturing Company Limited, The. (See Hunter, Douglas G., assignor.)

Houghton, Carl, Los Angeles, Calif. Precision prick punch. 2,354,862; Aug. 1.

Houghton, E. F., and Co. (See Eaton, J. T., and Volk, assignors.)

Houghton, Ellis M., Marion, assignor to Double Duty Products, Inc., Cleveland, Ohio. Dispensing closure structure. 2,358,329; Sept. 19.

Houghton, Howard D., West Los Angeles, assignor to Aviation Patents, Inc., Los Angeles, Calif. Propeller. 2,345,047; Mar. 28.

Houghton, James L., Harrow, England, assignor to Eastman Kodak Company, Rochester, N. Y. Lens system. 2,350,112; May 30.

Houghton, Wilbur S., Glendale, assignor to Victor Equipment Company, San Francisco, Calif. Welding torch cooler. 2,348,385; May 9.

Houghton, William D., Setauket, N. Y., assignor to Radio Corporation of America. Convertible demodulator circuit. 2,351,212; June 13.

Houghton, William M., Marblehead, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Spraying apparatus. 2,362,634; Nov. 14.

Houk, Alva L. (See Bock, L. H., and Houk.)

Houk, Mansel E., Pittsburgh, Pa., assignor to Carnegie-Illinois Steel Corporation. Control device for feed tubes. 2,345,395; Mar. 28.

Houle, Edward J., et al. (See Hunt, William, assignor.)

Houlihan, Rudolph N., assignor to The Bridgeport Metal Goods Manufacturing Company, Bridgeport, Conn. Box. 2,339,994; Jan. 25.

Houlton, Harold G., Wyoming, assignor to The Procter & Gamble Company, Cincinnati, Ohio. Bar soap. 2,358,976; Sept. 26.

House, Herbert E., Kansas City, Mo., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Gauging apparatus. 2,356,242; Aug. 22.

House, Zachariah E., Cass Lake, Minn. Watch key winder. 2,356,670; Aug. 22.

Household Finance Corporation. (See King, Donald H., assignor.)

Householder, Garrison, South Hadley Center, and W. V. Shearer, West Springfield, assignors to The Plastic Coating Corporation, Holyoke, Mass. Sealed package and making same. 2,341,379; Feb. 8.

Householder, Lawrence B., Wellsville, Ohio. Game apparatus. 2,356,057; Aug. 15.

Houseman, Harold E., assignor to Scott and Williams, Incorporated, Laconia, N. H. Knitting method and machine. 2,364,217; Dec. 5.

Houseman, Melvin R., Glen Rock, assignor to Bendix Aviation Corporation, Bendix, N. J. Liquid level. 2,350,612; June 6.

Houser, Jesse E., W. A. Hancock, and L. T. Rowe, assignors to The Dayton Liquid Meter Co., Dayton, Ohio. Fuel injection pump. 2,362,822; Nov. 14.

Houser, William T., Memphis, Tenn. Valve. 2,357,002; Aug. 29.

Houssiere, Eugene P., Jennings, La. Convertible vehicle floor. 2,360,133; Oct. 10.

Houston, Herbert W., North Hollywood, Calif. Film measuring apparatus. 2,351,337; June 13.

Houston, John V., Chicago, and B. R. Habel, Riverside, Ill., assignors to The American Brake Shoe Company, New York, N. Y. Railway crossing. 2,346,377; Apr. 11.

Houston Oil Field Material Company. (See Oswald, W. Norman, assignor.)

Houston Oil Field Material Company. (See Warren, Ralph, assignor.)

Houston, Wesley M. (See Cole, A. T., and Houston.)

Houts, Ray C., Snyder, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polyvinyl cyanoethyl ether. 2,341,553; Feb. 15.

Hove, Reuben, et al. (See McLeod, James K., assignor.)

Hovey, Almon G. (See Hodgins, T. S., Hewett, and Hovey.)

Hovey, C. Earl, trustee. (See Andalikiewicz, B. A., and Carlson, assignors.)

Hovey, C. Earl, trustee. (See Baldwin, Curtis C., assignor.)

Hovey, Sewall M., White Plains, N. Y. Control mechanism for commercial laundry washing machines. 2,355,162; Aug. 8.

Howard, Alan, Schenectady, N. Y., assignor to General Electric Company. Piping arrangement. 2,355,440; Aug. 8.

Howald, Arthur M., and L. S. Meyer, Toledo, Ohio, assignors, by mesne assignments, to Libbey-Owens-Ford Glass Company. Molding hollow bodies. 2,345,977; Apr. 4.

Howard, Charles W., Franklin, Ohio. Rotary seal joint. 2,348,907; May 16.

Howard, Dewey L., Neodesha, Kans. Method and apparatus for dehydrating natural plants and grasses. 2,341,101; Feb. 8.

Howard, Donald K., Cincinnati, G. W. Benckenstein, Jr., Deer Park, and H. L. Porter, Cincinnati, Ohio, assignors to Burton-Rodgers, Inc. Silhouette model. 2,347,561; Apr. 25.

Howard Engineering & Manufacturing Company. (See Schummer, Sebastian P., assignor.)

Howard, Frederick H., New York, N. Y. Manometer for measuring blood pressure. 2,361,628; Oct. 31.

Howard, Forbes, Los Angeles, Calif., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Clasp fastener. 2,352,437; June 27.

Howard, Frank A., Elizabeth, N. J. Propulsive unit. 2,355,218; Aug. 8.

Howard, Giles P. E., Amersham, England. Submersible pump. 2,363,419; Nov. 21.

Howard, Giles P. E., Coleshill, Amersham, England. Submersible pump. 2,363,420; Nov. 21.

Howard, Kenneth L., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Tanning with D'-methoxy-D-hydroxymethyl diglycollic aldehyde. 2,351,338; June 13.

Howard, Richard E., St. Paul, Minn. Ice skate. 2,348,475; May 9.

Howard, Robert E. (See Bray, J. L., and Howard.)

Howard, Styles T., Jeffersonville, Ind. Winding machine. 2,353,727; July 18.

Howard, Roscoe D., Tulsa, Okla., assignor, by mesne assignments, to Petroleum Research Corporation, Chicago, Ill. Refining mineral oils. 2,338,941; Jan. 11.

Howard, Stanley R., Milton, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Automatic weighing machine. 2,340,531; Feb. 1.

Howard, Stanley R., Milton, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Sealing the mouths of bags. 2,349,732; May 23.

Howard, Stanley R., Milton, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Weighing machine. 2,364,902; Dec. 12.

Howard, Stanley R., Milton, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Bag for infusing material. 2,364,903; Dec. 12.

Howard, Styles T., Jeffersonville, Ind. Blueprint washing machine. 2,349,823; May 30.

Howard, Styles T., Jeffersonville, Ind. Folding handle for containers. 2,364,073; Dec. 5.

Howard, Wallace R., assignor to Rex Manufacturing Co., Inc., Connersville, Ind. Refrigerator cabinet construction. 2,363,591; Nov. 28.

Howe, Andrew F., University City, assignor of one-third to R. J. Niehaus, Jennings, and one-third to W. F. Niehaus, St. Louis, Mo. Shovel. 2,357,114; Aug. 29.

Howe, Charles S., Pasadena, assignor to Industrial Developments, Incorporated, Los Angeles, Calif. Oleaginous composition and method. 2,357,896; Sept. 12.

Howe, Earl, Royal Oak, Mich., assignor to Chicago Forging & Manufacturing Company, Chicago, Ill. Tubular connection and sealing means therefor. 2,344,698; Mar. 21.

Howe, James V., Philadelphia, Pa. Reamer. 2,342,143; Feb. 22.

Howe, Louis H., Portland, Oreg. Lathe and shaper tool bit grinding gauge. 2,365,759; Dec. 26.

Howe Scale Company, The. (See Barnes, Lewis C., assignor.)

Howe, Smith B., Grand Island, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Ordnance. 2,345,340; Mar. 28.

Howe, Wilfred H. (See Allen, A., and Howe.)

Howe, Winthrop K., assignor to General Railway Signal Company, Rochester, N. Y. Switch machine for railway spring switches. 2,341,718; Feb. 15.

Howe, Winthrop K., assignor to General Railway Signal Company, Rochester, N. Y. Highway crossing gate for railroads. 2,351,857; June 20.

Howell, Albert S., Culver, Ind., assignor to The Bell & Howell Company, Chicago, Ill. Motion picture projector shutter and heat shield therefor. 2,349,433; May 23.

Howell, Albert S., Culver, Ind., assignor to The Bell & Howell Company, Chicago, Ill. Rotatable shutter for motion picture projectors. 2,349,500; May 23.

Howell, Albert S., Culver, Ind., assignor to The Bell & Howell Company, Chicago, Ill. Torque equalizing device. 2,360,422; Oct. 17.

Howell, Albert S., Culver, Ind., assignor to The Bell & Howell Company, Chicago, Ill. Intermittent strip feed mechanism. 2,361,291; Oct. 24.

Howell, Albert S., Culver, Ind., assignor to The Bell & Howell Company, Chicago, Ill. Strip feed sprocket device. 2,362,204; Nov. 7.

Howell, Lynn G., Houston, Tex., assignor to Standard Oil Development Company. Gamma ray well logging. 2,358,574; Sept. 19.

Howell, Sydney, Perivale, assignor of one-half to Ealing Studios Limited, London, England. Mounting for cinematograph cameras. 2,364,363; Dec. 5.

Howell, William S., Lafayette, N. J. Truck trailer. 2,347,106; Apr. 18.

Howes, Donald A., and E. W. M. Fawcett, Sunbury-on-Thames, assignors to Anglo-Iranian Oil Company Limited, London, England. Production of gasolines. 2,357,741; Sept. 5.

Howick, Eugene G., Mount Kisco, N. Y., assignor to Phillips Petroleum Company. Protective device. 2,339,930; Jan. 25.

Howie, Alexander, Shaker Heights, Ohio. Cornice and cover for containers. 2,360,232; Oct. 10.

Howie, John L., Jr., Decatur, Ill. Molded door. 2,359,712; Oct. 3.

Howis, Cyril C. (See Heaton, J. S., and Howis.)

Howland, Louis H., Cheshire, Conn., assignor to United States Rubber Company, New York, N. Y. Processing of elastic polychloroprene. 2,338,286; Jan. 4.

Howland, Louis H., Cheshire, Conn., assignor to United States Rubber Company, New York, N. Y. Plastic polymeric derivatives of chloroprene and producing the same. 2,349,733; May 23.

Howland, Thomas J., Long Branch, N. J., assignor to United States Rubber Company, New York, N. Y. Rubber apparel. 2,353,403; July 11.

Howland, Walter L., Pasadena, Calif., assignor to Lockheed Aircraft Corporation, Burbank, Calif. Strain gauge. 2,363,181; Nov. 21.

Howle, Ernest O., Chicago, Ill. Ventilating attic spaces. 2,358,397; Sept. 19.

Howlett, John W., assignor to Wellworthy Piston Rings Limited, London, England. Machine for cutting a metal tubular member into rings. 2,365,760; Dec. 26.

Howlett, Leslie J., Lindfield, New South Wales, Australia. Emulsion paint and producing the same. 2,362,635; Nov. 14.

Howsam, Hilyard C., assignor to Hubbard Spool Company, Chicago, Ill. Spool or reel. 2,354,375; July 25.

Howse, Curtis L., Birmingham, and W. J. Fitzburgh, assignors to Diamond Power Specialty Corporation, Detroit, Mich. Fluid heater cleaner. 2,345,672; Apr. 4.

Howse, Curtis L., Birmingham, assignor to Diamond Power Specialty Corporation, Detroit, Mich. Dedusting device. 2,360,498; Oct. 17.

Howson, Arthur V., and N. S. Reed, assignors to Callender's Cable & Construction Company, Limited, London, England. Extensometer. 2,363,864; Nov. 28.

Hoy, Walter C. (See Price, Duane W., assignor.)

Hoye, Peder B., Maywood, assignor to Electrical Engineers Equipment Co., Melrose Park, Ill. Rotary disconnect switch. 2,360,774; Oct. 17.

Hoyle, Robert I., assignor, by mesne assignments, to Burgess-Manning Company, Chicago, Ill. Manifold. 2,353,036; July 4.

Hoyt, Ethel P. S., Darien, Conn. Container. 2,340,124; Jan. 25.

Hoyt, Leon G., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Gain fixture for poles. 2,338,435; Jan. 4.

Hromatka, Otto, Darmstadt, Germany, assignor to Merck & Co., Inc., Rahway, N. J. Nitro-chromane. 2,343,773; Mar. 7.
Hromatka, Otto, Darmstadt, Germany, assignor to Merck & Co. Inc., Rahway, N. J. Chromanes and producing same. 2,354,317; July 25.
Hromatka, Otto, Darmstadt, Germany, assignor to Merck & Co., Inc., Rahway, N. J. Chromanes and producing the same. 2,358,286; Sept. 12.
Hromatka, Otto, Darmstadt, Germany, assignor to Merck & Co. Inc., Rahway, N. J. Amino chromanes. 2,358,287; Sept. 12.
Hromatka, Otto, Darmstadt, Germany, assignor to Merck & Co., Inc., Rahway, N. J. Production of acetoxy coumarines and chromanes. 2,359,311; Oct. 3.
Hruby, John O., Jr., assignor to L. A. Maas, Glendale, Calif. Musical instrument. 2,352,438; June 27.
Hruby, Joseph H., Chicago, Ill., assignor to Charles Bruning Company, Inc., New York, N. Y. Cooling system for photoprinting mechanisms. 2,351,339; June 13.
Huard, Clair A., Detroit, Mich. Boat hull. 2,363,421; Nov. 21.
Hubbard, David C., assignor to A. B. Chance Company, Centralia, Mo. Crossarm for electric lines. 2,362,553; Nov. 14.
Hubbard, David C., assignor to A. B. Chance Company, Centralia, Mo. Earth anchor. 2,362,556; Nov. 14.
Hubbard, Francis A. (See Bascom, H. M., and Hubbard.)
Hubbard, Francis A., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,341,919; Feb. 15.
Hubbard, Francis A., Maplewood, W. H. Matthies, Hackensack, N. J., and O. Myers, Mount Vernon, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Communication system. 2,345,048; Mar. 28.
Hubbard, Francis A., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Switching system. 2,347,107; Apr. 18.
Hubbard, Francis A., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Call transmitter for telephone signaling systems. 2,347,108; Apr. 18.
Hubbard, Francis A., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone call transmitter. 2,355,976; Aug. 15.
Hubbard, Francis A., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Communication system. 2,356,519; Aug. 22.
Hubbard, Francis A., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,363,671; Nov. 28.
Hubbard, Francis A., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Timing mechanism. 2,364,444; Dec. 5.
Hubbard, Francis A., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,364,445; Dec. 5.
Hubbard, Francis A., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Card translator. 2,364,446; Dec. 5.
Hubbard Spool Company. (See Howsam, Hilyard C., assignor.)
Hubbell, Arthur C., St. Paul, Minn., assignor to American Can Company, New York, N. Y. Apparatus for producing can bodies. 2,353,728; July 18.
Hubbell, George T., West Haven, assignor to American Crucible Company, Shelton, Conn. Base block for crucibles or the like. 2,362,823; Nov. 14.
Hubbell, Oreb T., Birmingham, Ala., assignor to Sullivan Machinery Company. Drill guide. 2,341,322; Feb. 8.
Hubbert, Leslie S. (See Ernst, W., and Hubbert.)
Hubby, Laurence M. (See Lay, E. L., Treybig, and Hubby.)
Huber, J. M., Corporation. (See Williams, I., and Takewell, assignors.)
Huber, J. M., Inc. (See Boggs, J. K., and Burgess, assignors.)
Huber, J. M., Inc. (See Burgess, Lothian M., assignor.)
Huck, Alfred J., assignor to Knapp-Monarch Company, St. Louis, Mo. Timer for toasters and the like. 2,362,751; Nov. 14.
Huber, Hans. (See Bornemann, F., and Huber.)
Huber, John J., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Work holding apparatus. 2,365,079; Dec. 12.
Huber, Louis J., and L. H. Evans, Minneapolis, Minn., assignors to General Mills, Inc. Milk protein gel dessert and producing the same. 2,344,090; Mar. 14.
Huber, Matthew W., Chicago, Ill., assignor to Hydraulic Controls, Inc. Accumulator. 2,339,076; Jan. 11.
Huber, Matthew W., Chicago, Ill., assignor, by mesne assignments, to The New York Air Brake Company. Accumulator. 2,345,124; Mar. 28.
Huber, Matthew W., Chicago, Ill., assignor, by mesne assignments, to The New York Air Brake Company. High pressure pump. 2,345,125: Mar 28.
Huber, Matthew W., Chicago, Ill., assignor, by mesne assignments, to The New York Air Brake Company. Pressure control valve. 2,347,321; Apr. 25.
Huber, Matthew W., Chicago, Ill., assignor, by mesne assignments, to The New York Air Brake Company. Feeding device for pumps. 2,356,243; Aug. 22.
Huber, Nace F. (See Wilhoit, J. D., and Huber.)
Hubert, Emil, Dessau-Ziebigk, and H. Rein, Leipsig, Germany; vested in the Alien Property Custodian. Manufacture of sieve nettings. 2,354,022; July 18.
Hubert, Louis A., Sparta, Mich. Milking machine. 2,359,914; Oct. 10.
Hubler, William G., Duparquet, Ontario, Canada, assignor to American Nepheline Corporation, Rochester, N. Y. Beneficiation of feldspathic and similar ores. 2,352,324; June 27.
Huck, Alfred J., assignor to Knapp-Monarch Company, St. Louis, Mo. Timer for toasters and the like. 2,362,752; Nov. 14.
Huck, Alfred J., assignor to Knapp-Monarch Company, St. Louis, Mo. Timer for toasters and the like. 2,362,753; Nov. 14.
Huck, Joseph. (See Pitou, E., Huck, and Meng.)
Huck, Louis C., Grosse Pointe Shores, assignor, by mesne assignments, to Huxon Holding Corporation, Detroit, Mich. Manufacture of rivet element. 2,361,770; Oct. 31.
Huck, Louis C., Grosse Pointe Shores, assignor, by mesne assignments, to Huxon Holding Corporation, Detroit, Mich. Manufacture of rivets. 2,361,771; Oct. 31.
Huck, William F., Richmond Hill, assignor to R. Hoe & Co., Inc., Bronx, N. Y. Web propelling roller. 2,349,659; May 23.
Huck, William F., Richmond Hill, assignor to R. Hoe & Co., Inc., New York, N. Y. Web feeding mechanism. 2,358,928; Sept. 26.
Huck, William F., Richmond Hill, assignor to R. Hoe & Co., Inc., New York, N. Y. Printing cylinder bearer. 2,362,069; Nov. 7.
Huck, William F., Richmond Hill, assignor to R. Hoe & Co., Inc., New York, N. Y. Method and mechanism for feeding sheets to printing machines. 2,362,205; Nov. 7.
Huck, William F., Richmond Hill, and W. C. Wieking, Woodhaven, assignors to R. Hoe & Co., Inc., New York, N. Y. Web roll supporting mechanism. 2,357,259; Aug. 29.
Huddle, Carl F., Ferndale, assignor to General Motors Corporation, Detroit, Mich. Double windowpane. 2,348,297; May 9.
Huddle, Edwin F., Elmwood Park, Ill., assignor to International Harvester Company. Windrower. 2,352,479; June 27.
Huddle, Edwin F., Elmwood Park, Ill., assignor to International Harvester Company. Grain binder. 2,362,697; Nov. 14.
Huddleston, Julian, Clovis, and E. W. Simpson, Friant, Calif. Concrete-form structure. 2,355,376; Aug. 8.
Huddleston, Robert F., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Valve guide scraper ring. 2,360,606; Oct. 17.
Hudec, Anthony J. (See Solinski, B. E., and Hudec.)
Hudson Bay Mining and Smelting Company Limited. (See Morrison, Benjamin, assignor.)
Hudson, Edwin B., assignor to The American Rolling Mill Company, Middletown, Ohio. Screw-down mechanism for rolling mills. 2,343,671; Mar. 7.
Hudson, Edwin B., and E. G. Schlup, assignors to The American Rolling Mill Company, Middletown, Ohio. Gauge control. 2,343,554; Mar. 7.
Hudson, Frank, Irwin, and V. G. Clay, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control apparatus. 2,346,967; Apr. 18.
Hudson, Frank, Irwin, and W. C. Fulton, Edgewood, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control apparatus. 2,359,110; Sept. 26.
Hudson, H. D., Manufacturing Company. (See Laughead, K., and Keating, assignors.)
Hudson, H. D., Manufacturing Company. (See Oys, John E., assignor.)
Hudson Motor Car Company. (See Hansen, Russell E., assignor.)
Hueber, Carl J., East Cleveland, Ohio, assignor to Addressograph-Multigraph Corporation, Wilmington, Del. Printing machine. 2,359,849; Oct. 10.
Hueber, Carl J., East Cleveland, Ohio, assignor to Addressograph-Multigraph Corporation, Wilmington, Del. Printing machine. 2,359,850; Oct. 10.
Hueber, Carl J., Euclid, Ohio, assignor to Addressograph-Multigraph Corporation, Wilmington, Del. Printing machine. 2,359,851; Oct. 10.
Hueber, Carl J., Euclid, Ohio, assignor to Addressograph-Multigraph Corporation, Wilmington, Del. Printing machine. 2,359,853; Oct. 10.
Hueber, Carl J., Euclid, Ohio, assignor to Addressograph-Multigraph Corporation, Wilmington, Del. Printing machine. 2,359,854; Oct. 10.
Hueber, Carl J., Euclid, Ohio, assignor to Addressograph-Multigraph Corporation, Cleveland, Ohio. Printing machine. 2,359,857; Oct. 10.
Huebner, Ernest W., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Apparatus for making tubular rivets. 2,338,330; Jan. 4.
Huebner, Ernest W., and L. E. Peterson, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Protective system for heading machines. 2,364,716; Dec. 12.

Huebner, George J., Detroit, and G. R. Pennington, Bloomfield Hills, assignors to Chrysler Corporation, Highland Park, Mich. Fluid pressure accumulator. 2,340,125; Jan. 25.
Huebner, William C., New York, N. Y. Vertical projector camera. 2,346,490; Apr. 11.
Huebsch, Joseph O., Jr., assignor to Huebsch Manufacturing Company, Milwaukee, Wis. Method and apparatus for renovating pillows. 2,353,827; July 18.
Huebsch Manufacturing Company. (See Huebsch, Joseph O., Jr., assignor.)
Huebsch Manufacturing Company. (See Huebsch, Monte F., assignor.)
Huebsch, Monte F., assignor to Huebsch Manufacturing Company, Milwaukee, Wis. Drying apparatus. 2,351,429; June 13.
Huelster, Otto J., assignor to Scovill Manufacturing Company, Waterbury, Conn. Method and apparatus for installing fasteners. 2,361,688; Oct. 31.
Huelster, Otto J., and E. D. Janes, assignors to Scovill Manufacturing Company, Waterbury, Conn. Manually operated fastener attaching machine. 2,345,476; Mar. 28.
Huenlich, Charles, Bloomfield, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Phonographic translating device. 2,356,851; Aug. 29.
Huennekens, Alphons V., and G. L. Gavin, assignors to Harnischfeger Corporation, Milwaukee, Wis. Hydraulic carriage feed. 2,357,514; Sept. 5.
Hueston, Melville G., Toronto, Ontario, Canada. Ankle support for boots. 2,362,824; Nov. 14.
Hueter, Otto W., Toledo, Ohio, assignor, by mesne assignments, to Mitchell & Smith, Inc., Detroit, Mich. Manufacturing sound deadening material. 2,338,813; Jan. 11.
Huetten, Clarence, assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Relay. 2,356,791; Aug. 29.
Huey Co., The. (See Crowley, C. A., and Goodyear, assignors.)
Huey Co., The. (See Crowley, C. A., and Mullen, assignors.)
Huff, Basil D., assignor to E. S. Payne, New York, N. Y. Shoe. 2,362,010; Nov. 7.
Huff, Ernest, Elm Grove, assignor to Wehr Steel Company, West Allis, Wis. Molding flask clamp. 2,358,977; Sept. 26.
Huff, Lyman C., assignor to Universal Oil Products Company, Chicago, Ill. Contacting fluid reactants. 2,347,195; Apr. 25.
Huff, Lyman C., assignor to Universal Oil Products Company, Chicago, Ill. Heat exchanger. 2,365,878; Dec. 26.
Hufferd, George H., Grosse Pointe, and M. P. Graham, assignors to Crawford Door Company, Detroit, Mich. Upward acting door construction. 2,348,386; May 9.
Hufferd, George H., Detroit, Mich., assignor to Thompson Products Incorporated, Cleveland, Ohio. Joint construction. 2,350,398: June 6.
Huffman, Russell I., Dover, Ohio, assignor to Knappé Monarch Company, St. Louis, Mo. Steam generating sadiron. 2,343,555; Mar. 7.
Huffman, Samuel A., Avalon, assignor to Miller Printing Machinery Co., Pittsburgh, Pa. Article delivery. 2,339,268; Jan. 18.
Huffman, William E. (See Holloman, G. V., and Huffman.)
Huffington, Russell D. (See Eddy, F. R., and Huffington.)
Hufnagel, Andrew, Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Arc suppressing means. 2,339,858; Jan. 25.
Hufnagel, Andrew, Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrical control apparatus. 2,340,752; Feb. 1.
Hufnagel, Andrew, Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling system. 2,355,535; Aug. 8.
Huge, Henry M., Lorain, Ohio, assignor of one-half to C. P. Stocker and one-half to E. M. Heavens. Frequency reducer. 2,364,531; Dec. 5.
Huge, Henry M., Lorain, Ohio, assignor of one-half to C. P. Stocker and one-half to E. M. Heavens. Common core frequency changer. 2,364,532; Dec. 5.
Huggins, Leroy G., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Air conditioning apparatus. 2,353,240; July 11.
Hughes, Arthur J. (See Will, Alexander M. S., assignor.)
Hughes, Arthur J. et al. (See Sproule, Donald O., assignor.)
Hughes, Ausker E., Wyandotte, H. B. Browne, Trenton, and H. F. Roderick, Grosse Ile, assignors, by mesne assignments, to Wyandotte Chemicals Corporation, Wyandotte, Mich. Manufacture of calcium carbonate-adhesive coatings. 2,351,683; June 20.
Hughes, Ausker E., Wyandotte, H. B. Browne, Trenton, and H. F. Roderick, Grosse Ile, assignors, by mesne assignments, to Wyandotte Chemicals Corporation, Wyandotte, Mich. Calcium carbonate-adhesive base product and preparing coatings therefrom. 2,354,318; July 25.
Hughes-Autograf Brush Company. (See Cosin, Joseph J., assignor.)
Hughes-Autograf Brush, Company. (See Mayer, Joseph W., assignor.)
Hughes, Burton S., assignor to Zaremba Company, Buffalo, N. Y. Liquid level control for evaporators. 2,339,167; Jan. 11.
Hughes, Daniel K., assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 2,338,942; Jan. 11.
Hughes, Daniel K., assignor to The National Cash Register Company, Dayton, Ohio. Interlock. 2,338,943; Jan. 11.
Hughes, Daniel K., and J. J. Klosterman, deceased; M. Klosterman, executrix, assignors to The National Cash Register Company, Dayton, Ohio. Cash register. 2,349,660; May 23.
Hughes, David. (See Gage, G., and Hughes.)
Hughes, E. Griffiths. (See Harris, Walter S., assignor.)
Hughes, Everett C. (See Burk, R. E., and Hughes.)
Hughes, Everett C., Cleveland Heights, assignor to The Standard Oil Company, Cleveland, Ohio. Nonvolatile hydrocarbon products. 2,363,001; Nov. 21.
Hughes, Frank C. (See Mansfield, W. R., and Hughes.)
Hughes, Frederick G., Bristol, Conn., assignor to General Motors Corporation, Detroit, Mich. Brake. 2,346,758; Apr. 18.
Hughes, Grover A., assignor of one-third to R. W. Hughes and one-third to R. G. Hughes, Seattle, Wash. Welding gun. 2,342,144; Feb. 22.
Hughes, Grover A., assignor of one-third to R. W. Hughes, and one-third to R. G. Hughes, Seattle, Wash. Arc-welding equipment. 2,356,320; Aug. 22.
Hughes, Harry B., Portland, Oreg. Hydraulic tie remover. 2,358,806; Sept. 26.
Hughes, Henry, & Son Limited. (See Sproule, Donald O., assignor.)
Hughes, Henry, & Son Limited. (See Will, Alexander M. S., assignor.)
Hughes, Hettie B. (See Schmidt, L. H., and Hughes.)
Hughes, Hugh E., Berkeley, Calif. Sealing composition. 2,355,977; Aug. 15.
Hughes, Ralph C., assignor to Reynolds Gas Regulator Company, Anderson, Ind. Fluid pressure regulator. 2,351,047; June 13.
Hughes, Ralph C., assignor to Reynolds Gas Regulator Company, Anderson, Ind. Automatic vent for fluid pressure regulators. 2,359,111; Sept. 26.
Hughes, Rober G., et al. (See Hughes, Grover A., assignor.)
Hughes, Robert W., et al. (See Hughes, Grover A., assignor.)
Hughes, Roger G., et al. (See Hughes, Grover A., assignor.)
Hughes, Sidney J. (See Fentress, David W.)
Hughes, Thomas P. (See Barton, C. H., and Hughes.)
Hughes Tool Company. (See Bettis, Irvin H., assignor.)
Hughes Tool Company. (See Lewis, William L., assignor.)
Hughes Tool Company. (See Scott, Floyd L., assignor.)
Hughes Tool Company. (See Stinson, Leon B., assignor.)
Hughes, Walter J., assignor to Infilco Incorporated, Chicago, Ill. Filter distributor seal. 2,365,272; Dec. 19.
Hughey, Carter J., assignor to Eastman Kodak Company, Rochester, N. Y. Film holder for photographic enlargers. 2,353,241; July 11.
Hughey, Howard G., Fanwood, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Continuous soft soldering. 2,352,325; June 27.
Huher, J. M., Inc. (See Breyer, Frank G., assignor.)
Huish, Emma E., Alton, Ill. Chart for teaching piano. 2,347,950; May 2.
Huitt, Lionel H., deceased, Rangoon, Burma, British India; Royal Bank of Scotland, of St. Andrew Square, Edinburgh, executor. Automatic focusing device for cameras. 2,339,780; Jan. 25.
Hulbert, George E., and H. S. Indge, Westboro, assignors to Norton Company, Worcester, Mass. Polishing machine. 2,341,442; Feb. 8.
Hulbert, Ivan J., Willesden Junction, assignor to Rotax Limited, London, England. Auxiliary spark ignition apparatus for internal combustion engines. 2,348,298; May 9.
Hull, Albert W., Schenectady, N. Y., assignor to General Electric Company. Electrical discharge device. 2,341,920; Feb. 15.
Hull, Albert W., Schenectady, N. Y., assignor to General Electric Company. Electric discharge device. 2,363,865; Nov. 28.
Hull, Carl M. (See Bolt, J. A., and Hull.)
Hull, Carl M., assignor to Standard Oil Company, Chicago, Ill. Preparation of mercaptans. 2,351,763; June 20.
Hull, Charles J., Buffalo, and F. H. Osborne, Snyder, N. Y., assignors to The Rudolph Wurlitzer Company, Cincinnati, Ohio. Remote control system. 2,338,853; Jan. 11.
Hull, Charles J., Buffalo, assignor to The Rudolph Wurlitzer Company, North Tonawanda, N. Y. Self-locking adjustable device. 2,360,134; Oct. 10.
Hull, David C., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Oxidation of lower aliphatic alcohols. 2,353,157; July 11.
Hull, David C., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Oxidation of lower aliphatic alcohols. 2,353,158; July 11.
Hull, David C., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Oxidation of lower aliphatic alcohols. 2,353,159; July 11.

Hull, David C., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Oxidation of lower aliphatic alcohols. 2,353,160; July 11.

Hull, David C., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Oxidation of secondary alcohols. 2,354,683; Aug. 1.

Hull, Harry B., assignor to General Motors Corporation, Dayton, Ohio. Therapeutic device. 2,338,247; Jan. 4.

Hull, Harry B., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,362,698; Nov. 14.

Hull, Harry H., Chicago Heights, and L. Shere, Glencoe, Ill., assignors to The Diversey Corporation. Detergent composition and method. 2,360,135; Oct. 10.

Hull, James L. (See Lee, Floyd J., assignor.)

Hull, Maurice E., Columbus, Ohio, assignor to M & R Dietetic Laboratories, Inc. Treating milk. 2,346,844; Apr. 18.

Hull, Maury I., Memphis, Tenn. Signaling system. 2,352,634; July 4.

Hull, Monroe R., Anaconda, Mont. Drafting instrument. 2,345,477; Mar. 28.

Hull, Robert W., assignor to Rex Manufacturing Co., Inc., Connersville, Ind. Refrigerator cabinet construction. 2,338,194; Jan. 4.

Hull-Ryde, Arthur, et al. (See Groves, Martin V., assignor.)

Hull, Sidney M., Western Springs, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Method of and apparatus for molding. 2,341,617; Feb. 15.

Hulman, Julius, and B. Beaman, Dayton, Ohio. Vacuum system booster. 2,347,196; Apr. 25.

Hulman, Julius, and B. Beaman, Dayton, Ohio. Fluid system pressure booster. 2,363,528; Nov. 28.

Hulme, James W., Detroit, Mich. Collapsible cardboard easel. 2,360,681; Oct. 17.

Hulme, Philip M., Metuchen, N. J., assignor to International Smelting and Refining Company. Furnace launder construction. 2,339,337; Jan. 18.

Hulse, George E., New Haven, Conn., assignor to The Safety Car Heating and Lighting Company, Inc. Infestation destruction. 2,339,737; Jan. 18.

Hulse, George E., Jr., Passaic, N. J., assignor to United States Rubber Company, New York, N. Y. Battery separator. 2,344,614; Mar. 21.

Hulse, George E., Passaic, N. J., assignor to United States Rubber Company, New York, N. Y. Rubber hydrochloride composition. 2,344,776; Mar. 21.

Hulsh, Benjamin. (See Edwards, George H., assignor.)

Hulsing, Kenneth L. (See Kirtland, H. C., and Hulsing.)

Hultberg, Allan E. (See Fernlund, K. H., Hessler, and Hultberg.)

Hultberg, Levi M. (See Jones, J. R., Hultberg, and Gronberg.)

Hultin, Oscar H., assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Making cartons. 2,342,198; Feb. 22.

Hultin, Oscar H., assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Package. 2,345,978; Apr. 4.

Hultin, Oscar H., assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Package. 2,364,364; Dec. 5.

Hulton, Charles S., assignor to The Kirk & Blum Manufacturing Company, Cincinnati, Ohio. Furnace wall maintenance. 2,359,646; Oct. 3.

Hultquist, Martin E. (See Northey, E. H., and Hultquist.)

Hultquist, Martin E., North Plainfield, N. J., assignor to American Cyanamid Company, New York, N. Y. Preparation of isocytosine. 2,362,070; Nov. 7.

Hultquist, Victor J., Alcoa, Tenn. Transport trailer. 2,364,365; Dec. 5.

Humason, Granville A., assignor of fifty per cent to B. H. Johnston, and twenty-five per cent to E. L. Lester, Sr., Houston, Tex. Surface controlled combination pump and gas lift. 2,338,767; Jan. 11.

Humber Limited. (See Sampietro, A. C., and Oliver, assignors.)

Humber Limited. (See Sampietro, Achilles C., assignor.)

Hume, John D., Minneapolis, Minn. Aerial bomb protective apparatus. 2,343,387; May 9.

Hume, Patrick H. (See De Lamatter, W. W., and Hume.)

Humes, William B., assignor to National Research Corporation, Boston, Mass. Cosmetic or pharmaceutical product. 2,361,477; Oct. 31.

Humeston, Frederick L., Hamden, assignor to Western Cartridge Company, New Haven, Conn. Gas-operated actuating mechanism for firearm. 2,340,962; Feb. 8.

Humeston, Frederick L., Hamden, assignor to Western Cartridge Company, New Haven, Conn. Cartridge-deflecting means for self-loading repeating firearms. 2,350,460; June 6.

Hummel, August, Bernardsville, and W. M. Driesen, Clifton, N. J., assignors to Hummel Chemical Company, Inc., New York, N. Y. Manufacture of strontium peroxide. 2,357,655; Sept. 5.

Hummel Chemical Company. (See Hummel, A., and Driesen, assignors.)

Hummel, Wellington R., Maplewood, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Protective encasing means. 2,340,387; Feb. 1.

Hummer, Charles I., Detroit, Mich., assignor to American Car and Foundry Company, New York, N. Y. Lubricated valve. 2,348,476; May 9.

Humphner, Ferdinand W., River Forest, assignor to Mid-States Gummed Paper Co., Chicago, Ill. Binding device and material therefor. 2,356,059; Aug. 15.

Humphner, Ferdinand W., River Forest, assignor to Mid-States Gummed Paper Co., Chicago, Ill. Apparatus for applying and sealing gummed tape. 2,363,866; Nov. 28.

Humphrey, Irvin W., assignor to Hercules Powder Company, Wilmington, Del. Hydrogenated product. 2,346,920; Apr. 18.

Humphrey, Irvin W., assignor to Hercules Powder Company, Wilmington, Del. Hydrogenated product. 2,346,921; Apr. 18.

Humphrey, Stephen P., Max Meadows, Va. Die for forging the cutting faces of rock drill bits. 2,356,520; Aug. 22.

Humphrey, William J., assignor to Bendix Aviation Corporation, South Bend, Ind. Master cylinder. 2,347,349; Apr. 25.

Humphreys, Ferdinand F., Caldwell, N. J., assignor to Signal Engineering & Manufacturing Company, New York, N. Y. Dispatching mechanism for alarm signal systems. 2,350,557; June 6.

Humphreys, Marion W. (See Whorter, J. F., and Humphreys.)

Humphreys, Marion W., Euclid, assignor to The Ohio Rubber Company, Willoughby, Ohio. Apparatus for inflating hollow articles. 2,341,618; Feb. 15.

Humphreys, Marion W., Euclid, assignor to The Ohio Rubber Company, Willoughby, Ohio. Droppable gasoline tank. 2,365,080; Dec. 12.

Humphries, James O. (See Akers, H. S., and Humphries.)

Hungerford & Terry, Inc. (See MacSorley, John F., assignor.)

Hunsaker, Claude H., University City, Mo. Thermally regulated enclosure for electrical equipment. 2,364,144; Dec. 5.

Hunt, J. Harold, Lansing, and H. T. Woolson, Detroit, assignors to Motor Wheel Corporation, Lansing, and Chrysler Corporation, Detroit, Mich. Wheel. 2,339,859; Jan. 25.

Hunt, J. Harold, and H. J. Horn, assignors to Motor Wheel Corporation, Lansing, Mich. Vehicle wheel. 2,363,182; Nov. 21.

Hunt, J. Harold, and H. J. Horn, assignors to Motor Wheel Corporation, Lansing, Mich. Vehicle wheel. 2,363,183; Nov. 21.

Hunt, John B., Penylan, Cardiff, Wales. Boat lowering gear. 2,360,819; Oct. 17.

Hunt, John B., Penylan, Cardiff, Wales. Boat lowering gear. 2,360,820; Oct. 17.

Hunt, John L. (See Greenleaf, R. M.)

Hunt, John O., Greenville, assignor to Ware Shoals Manufacturing Co., Ware Shoals, S. C. Loom. 2,344,777; Mar. 21.

Hunt, John O., assignor to Mountain City Foundry and Machine Co., Greenville, S. C. Loom. 2,351,513; June 13.

Hunt, Leslie E., Bay City, Mich. Black-out flashlight adapter. 2,342,470; Feb. 22.

Hunt, Lloyd F., Glendale, Calif., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Current-balance relay system. 2,361,208; Oct. 24.

Hunt, Madison, Claymont, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Linear polymeric isothiourea and salts thereof. 2,347,827; May 2.

Hunt, Madison, Claymont, and J. E. Kirby, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Carbonamidine derivatives. 2,364,074; Dec. 5.

Hunt, Madison, Claymont, J. E. Kirby, Wilmington, and J. F. Lontz, Gadsden, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Disinfectant compounds. 2,364,075; Dec. 5.

Hunt, Medeiros & Houle Company. (See Hunt, William.)

Hunt, Olga F., et al., executors. (See Zwicky, Jean.)

Hunt, Orville A. (See Harrison, E. P., and Hunt.)

Hunt, Rodney, Machine Company. (See Jones, B. M., and Ames, assignors.)

Hunt, Scott F., Meriden, Conn., assignor to Chandler-Evans Corporation. Carburetor. 2,348,008; May 2.

Hunt, Seymour, Flushing, N. Y., assignor to Radio Corporation of America. Amplitude modulation limiter circuit. 2,344,699; Mar. 21.

Hunt-Spiller Manufacturing Corporation. (See Root, Albert B., Jr., assignor.)

Hunt, Stanley T., Northampton, assignor to Express Lift Company Limited, London, England. Elevator control system. 2,347,054; Apr. 18.

Hunt, Thomas N. (See Miller, Melvin G., assignor.)

Hunt, William, Fall River, Mass., assignor to W. Hunt, F. Medeiros, and E. J. Houle, copartners doing business as Hunt, Medeiros & Houle Company. Rebound check for shuttles. 2,359,560; Oct. 3.

Hunt, William, et al. (See Medeiros, F. P., assignor.)

Hunt, William F., et al., executors. (See Zwicky, Jean.)

Hunt, Wilson. (See Hebbard, G. M., and Hunt.)

Hunt, Wilson, and G. M. Hebbard, assignors to The Dow Chemical Company, Midland, Mich. Sweetening chlorinated aliphatic hydrocarbons. 2,359,218; Sept. 26

Hunter, Albert E., Wollaton, Nottingham, assignor to Byard Manufacturing Company Limited, Nottingham, England. Hair net. 2,345,396; Mar. 28.

Hunter, Charles W., Bryn Mawr, Pa. Nonskid device. 2,356,931; Aug. 29.

Hunter, Charles W., Haverford, and J. S. Haug, Philadelphia, Pa., assignor to United Engineers & Constructors Inc. Production of water gas. 2,361,292; Oct. 24.

Hunter, Douglas G., assignor to The Houghton-Butcher Manufacturing Company Limited, London, England. Photographic focal plane shutter. 2,347,951; May 2.

Hunter, Frank B. (See Wood, W. G., and Hunter.)

Hunter, Grant W., Kalamazoo, Mich. Electric cooker. 2,345,049; Mar. 28.

Hunter, Harold W., Blaine, Wash. Loading platform for log-trucking operations. 2,342,344; Feb. 22.

Hunter, James, Machine Company, The. (See Morrill, Frank B., assignor.)

Hunter, Joseph L., Riverside, Calif., assignor to Acme Steel Company, Chicago, Ill. Apparatus for coating strip material. 2,365,761; Dec. 26.

Hunter, Lee, Jr., University City, assignor, by mesne assignments, to The Hartman Corporation of America, St. Louis, Mo. Wheel balancing apparatus. 2,341,443; Feb. 8.

Hunter, Lee, Jr., University City, assignor, by mesne assignments, to The Hartman Corporation of America, St. Louis, Mo. Wheel balancing apparatus. 2,341,444; Feb. 8.

Hunter, Melvin J. (See Kropacott, E. L., and Hunter.)

Hunter, Richard B., Shorewood, and H. L. Mekelburg, assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Rope-operated mechanism for control drums. 2,350,613; June 6.

Hunter, Richard B., Shorewood, and J. E. Jones, Wauwatosa, assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Controller for electric motors. 2,359,478; Oct. 3.

Hunter, William L., assignor to Northern Equipment Company, Erie, Pa. Feed water regulating apparatus for boilers. 2,365,081; Dec. 12.

Hunter, Willson H., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Separable connector. 2,363,592; Nov. 28.

Hunting, Irving A., South Plainfield, N. J. Offset printing press. 2,356,058; Aug. 15.

Huntington, Ephraim S. (See Sherrer, J. M., Severance, and Huntington.)

Huntley, Hubert B., Glen Head, and W. Vandersteel, Port Washington, N. Y., assignors to Cox & Stevens Aircraft Corporation. Computer. 2,344,146; Mar. 14.

Hundley, John F., Indianapolis, Ind. Bank protection and trap device. 2,345,478; Mar. 28.

Huntley, Robert F. (See Wilcox, I. L., and Huntley.)

Huntsman, Francis D., assignor to Huntsman Welding Shield Company, Salt Lake City, Utah. Protective device. 2,358,978; Sept. 26.

Huntsman, Francis D., assignor to Huntsman Welding Shield Company, Salt Lake City, Utah. Welder's mask. 2,363,461; Nov. 21.

Huntsman Welding Shield Company. (See Huntsman, Francis D., assignor.)

Hunz, Alphonse W., East Chicago, Ind. Lifting jack. 2,361,690; Oct. 31.

Hunziker, Charles E., Paterson, N. J. Swingable filter. 2,345,259; Mar. 28.

Hunziker, Fred, et al. (See Soule, George M., assignor.)

Hunziker, Fred, assignor of one-half to The W. J. Schoenberger Company, Cleveland, Ohio. Indexing chuck. 2,362,071; Nov. 7.

Hunziker, Fred, assignor of one-half to The W. J. Schoenberger Company, Cleveland, Ohio. Indexing chuck. 2,362,072; Nov. 7.

Huppert, Oskar, Chicago, Ill. Thio-protein plastic. 2,343,011; Feb. 29.

Huppert, Oskar, Chicago, Ill. Pseudothiohydantoin-protein, derivatives, and solutions therefrom. 2,343,012; Feb. 29.

Huppert, Oskar, Chicago, Ill., assignor to The Glidden Company, Cleveland, Ohio. Hydantoinimide derivatives of proteins and alpha amino acids and process. 2,358,807; Sept. 26.

Huppert, Oskar, Newark, N. J. Rubberlike interpolymers and preparation of same. 2,364,034; Nov. 28.

Huppert, Oskar, Newark, N. J. Modified soybean protein fiber. 2,364,035; Nov. 28.

Huppert, William, New York, N. Y., assignor to Delamere Company Inc. Comb. Re. 22,573; Dec. 5.

Huppke, Walter F. (See Frey, F. E., Snow, and Huppke.)

Huppke, Walter F., Lomita, and T. Vermeulen, assignors to Union Oil Company of California, Los Angeles, Calif. Catalytic method. 2,364,145; Dec. 5.

Hurd, Allen, San Francisco, Calif. Can punch. 2,361,689; Oct. 31.

Hurd, Charles D., Evanston, Ill., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Production of aryloxy ketones. 2,359,039; Sept. 26.

Hurd, John C. H. (See Holmes, Henry H.)

Hurd, John C. H. (See Holmes, H. H., and Hurd.)

Hurd, John C. H. (See Wildt, F., Holmes, and Hurd.)

Hurd, Mark, Manufacturing Corporation. (See Johnson, Carl E., assignor.)

Hurleman, Walter, assignor to Hugh H. Eby, Inc., Philadelphia, Pa. Contact and socket for the contact. 2,346,166; Apr. 11.

Hurley, Earl H., Emporium, Pa. Portable support. 2,350,113; May 30.

Hurley Electronic Controls, Inc. (See Whitenack, Mirl E., assignor.)

Hurley, Elmer D., Memphis, Tenn. Precision scale. 2,352,838; July 4.

Hurley, Jerry F., Spokane, Wash. Hose clamp. 2,356,575; Sept. 19.

Hurley, Max, assignor to Hurseal Patents Limited, London, England. Heating appliance. 2,349,965; May 30.

Hurley, Roy T. (See Briechle, A., Hurley, and Merritt.)

Hurndall, John P., assignor to Petroleum Instrument Corporation, Los Angeles, Calif. Apparatus for measuring the viscosity and density of liquids. 2,357,003; Aug. 29.

Hurseal Patents Limited. (See Hurley, Max, assignor.)

Hurst, Dee A., Haddonfield, N. J., assignor to Allied Chemical & Dye Corporation. Aqueous phenolic resin solutions. 2,362,274; Nov. 7.

Hurst, George L. (See Livoti, C., and Hurst.)

Hurst, Gordon F., Burlingame, Calif. Fog stream nozzle. 2,342,060; Feb. 15.

Hurst, Gordon F., San Jose, Calif. Fog nozzle. 2,364,848; Dec. 12.

Hurst, Ira N. (See Hansen, W. L., and Hurst.)

Hurst, James G., Los Angeles, assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Dimpling tool. 2,344,944; Mar. 28.

Hurst, Robert O., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Protective device for electrical apparatus. 2,351,969; June 20.

Hurt, Samuel N., assignor to Toledo Scale Company, Toledo, Ohio. Weighing scale. 2,343,615; Mar. 7.

Hurt, Victor H., Cranston, R. I., assignor to United States Rubber Company, New York, N. Y. Method and apparatus for embossing plastic sheet material. 2,354,916; Aug. 1.

Hurt, Willard R., Topeka, Kans. Parachute pull-up string holder. 2,357,828; Sept. 12.

Hurtado, Manuel, Mexico City, Mexico. Refrigerating and storage cabinet for automobiles. 2,358,071; Sept. 12.

Hurtt, William T., Crafton, Pa. Method of and apparatus for rolling and cooling aluminum and other metals. 2,342,199; Feb. 22.

Hurwitz, Julius, assignor to Alpha Products Company, Inc., New York, N. Y. Sugar dispensing device. 2,339,781; Jan. 25.

Hurxthal, Alpheus O., Wyncote, assignor to Proctor & Schwartz, Incorporated, Philadelphia, Pa. Leather drier. 2,347,109; Apr. 18.

Husband, Linton A., Elmhurst, Ill., assignor to General Motors Corporation, Detroit, Mich. Gauge for tapered pipe thread. 2,339,699; Jan. 18.

Huscher, Myron E. (See Britton, E. C., and Huscher.)

Huse, Hiram N., Providence, R. I., assignor to United States Rubber Company, New York, N. Y. Golf ball. 2,344,873; Mar. 21.

Huss, Henry. (See Huss, John H., assignor.)

Huss, Henry, Port Chester, N. Y., assignor to Auto-Ordnance Corporation, Bridgeport, Conn. Lathe attachment. 2,341,619; Feb. 15.

Huss, John H., New York, assignor to H. Huss, Port Chester, N. Y. Fuel atomizing device. 2,364,717; Dec. 12.

Hussey, Albert R. (See Pennybacker, M., and Hussey.)

Hussey, James F., Cynwyd, Pa., assignor to Brunhilde Weller Skinner, Dunedin, Fla. Obtaining high luster upon and preservation of fruits and vegetables. 2,343,258; Mar. 7.

Hussey, Luther W., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Thermistor as amplifier for low frequency signals. 2,360,233; Oct. 10.

Hussman, Carl, Chicago, Ill. Anti-vibration shock absorber. 2,359,915; Oct. 10.

Hussman, Carl, Chicago, Ill., and W. E. Brill, Cleveland, Ohio. Hair curling apparatus. 2,359,916; Oct. 10.

Hussman, Carl, Chicago, Ill. Shock and vibration absorber. 2,359,917; Oct. 10.

Hustad, Hugo R., New York, N. Y. Attaching means for closures. 2,355,377; Aug. 8.

Huston, Milton D. (See Breese, J. L., and Huston.)

Huston, William M., Lima, Ohio. Power shovel. 2,339,700; Jan. 18.

Huston, William M., Lima, Ohio. Excavating equipment. 2,350,762; June 6.

Huston, William M., Lima, Ohio. Load handling equipment. 2,354,863; Aug. 1.

Hutaff, George H., Jr., Wilmington, N. C. Toilet article. 2,364,294; Dec. 5.

Hutchens, Morris L. (See Andrew, W. K., Hutchens, and Lukey.)

Hutcheson, William W., and W. C. Mason, London, England. Apparatus for rectifying spirits and for similar purposes. 2,344,700; Mar. 21.

Hutchings, Charles F., Perinton, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Protecting light transmitting elements. 2,363,422; Nov. 21.

Hutchings, Edward W., Perry, Fla. Bottle carrier and separator therefor. 2,338,113; Jan. 4.

Hutchings, Edward W., Perry, Fla. Bottle carrier. 2,339,168; Jan. 11.

Hutchings, John H., Schenectady, N. Y., assignor to General Electric Company. Electric discharge device. 2,345,397; Mar. 28.
Hutchings, Walter B., Huron, S. Dak., assignor to The Prosperity Company, Inc., Syracuse, N. Y. Water temperature control. 2,346,259; Apr. 11.
Hutchins, Allan S., Paxton, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Pattern controlling mechanism for looms. 2,357,470; Sept. 5.
Hutchins, Edward. (See Doyle, J. A., and Hutchins.)
Hutchins, Otis, assignor to The Carborundum Company, Niagara Falls, N. Y. Refractory material and making. 2,362,825; Nov. 14.
Hutchins, Warren C., Schenectady, N. Y., assignor to General Electric Company. Electric valve circuit. 2,361,845; Oct. 31.
Hutchinson, Archie D. L., Seattle, Wash. Dump truck. 2,342,939; Feb. 29.
Hutchinson, Arthur J. L., assignor to The Fluor Corporation, Ltd., Los Angeles, Calif. System for forming and storing hydrocarbon hydrates. 2,356,407; Aug. 22.
Hutchinson, Arthur J. L., assignor to The Fluor Corporation, Ltd., Los Angeles, Calif. Fractionation of hydrate-forming hydrocarbons. 2,363,529; Nov. 28.
Hutchinson, Charles, Kamloops, British Columbia, Canada. Mousetrap. 2,347,110; Apr. 18.
Hutchinson, Charles L., Buffalo, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Regenerated cellulosic film. 2,338,182; Jan. 4.
Hutchinson, Fenton F., assignor to Kohler & Chase, San Francisco, Calif. Automatic voltage control system for alternators. 2,351,340; June 13.
Hutchinson, George R., Ruxton, Md., assignor to Ray V. Watson, Baltimore, Md. Protector for use with parachutes. 2,363,249; Nov. 21.
Hutchinson, George W., Raleigh, N. C. Roller. 2,344,701; Mar. 21.
Hutchinson, George W., Raleigh, N. C. Method and apparatus for making concrete pipe. 2,356,852; Aug. 29.
Hutchinson, Paul, St. Louis, Mo. Dispensing device. 2,351,514; June 13.
Hutchinson, Philip H., Montclair, N. J., assignor to General Motors Corporation, Detroit, Mich. Rolling machine. 2,344,147; Mar. 14.
Hutchinson, Volney A., assignor to Teletype Corporation, Chicago, Ill. Packaging receptacle. 2,355,804; Aug. 15.
Hutchinson, Willis S. (See Ferrari, C. G., and Hutchinson.)
Hutchison, Miller R., Jr., assignor to Eastman Kodak Company, Rochester, N. Y. Safety shutter for projector. 2,350,761; June 6.
Hutchison, William M. (See Jones, M. F., and Hutchison.)
Huthsing, Charles K., Grosse Pointe, Mich. Fluid stripper for pump pistons. 2,340,471; Feb. 1.
Huthsing, Charles K., Grosse Pointe Farms, Mich. Nozzle construction. 2,351,430; June 13.
Huthsing, Leo B., and C. M. Gregory, assignors to Machinery Manufacturing Co., Los Angeles, Calif. Variable speed belt drive. 2,346,028; Apr. 4.
Hutsell, Thomas A., Seattle, Wash. Dispensing effervescent fluids. 2,358,512; Sept. 19.
Hutt, Philip, Milford, Conn., assignor to General Electric Company. Circuit breaker. 2,340,682; Oct. 17.
Hutt, Raymond F., assignor to Anthes Force Oiler Company, Fort Madison, Iowa. Fusee. 2,358,713; Sept. 19.
Hutter, William H., Chicago, Ill. Pilot trainer. 2,352,101; June 20.
Hutter, William H., assignor to Rock-Ola Manufacturing Corporation, Chicago, Ill. Projector. 2,339,169; Jan. 11.
Huttkay, Arthur L., Newark, N. J. Producing dropout halftone positives. 2,339,481; Jan. 18.
Huttkay, Arthur L., Newark, N. J. Producing halftone mask negatives. 2,339,482; Jan. 18.
Huttkay, Arthur L., Newark, N. J. Producing dropout halftone negatives. 2,362,826; Nov. 14.
Huttner, Karl. (See Drossbach, O., Hopff, and Huttner.)
Hutton, James, assignor to J Browett Lindley (1931) Limited, Letchworth, England. Valve. 2,344,818; Mar. 21.
Hutton, John L., et al. (See Jahreis, Carl A., assignor.)
Huxon Holding Corporation. (See Huck, Louis C., assignor.)
Huyser, Francis C. (See Lyon, S. W., and Huyser.)
Huyssen, Prescott S., Glendale, Calif. Wall panel. 2,352,714; July 4.
Huzenlaub, Erich G. (See Rogers, F. H., and Huzenlaub.)
Huzenlaub, Erich G., Brentford, and J. H. Rogers, Elmhurst, Kenley, England; F. H. Rogers, executor of said J. H. Rogers, deceased. Treatment of rice and other cereals. 2,358,251; Sept. 12.
Hvid, Rasmus M., Wilmette, Ill. Compressor and the like. 2,360,876; Oct. 24.
Hyams, Herbert, Baldwin, N. Y. Nursing bottle holder. 2,343,061; Feb. 15.
Hyams, Herbert, Baldwin, Long Island, N. Y. Nursing bottle holder. 2,348,816; May 16.
Hyatt, Harlow G., assignor to Buffalo Electro-Chemical Company, Inc., Buffalo, N. Y. Bleaching of sponges. 2,344,987; Mar. 28.
Hyde, Donald B., Newton, Mass. Bird feeder. 2,349,868; May 30.
Hyde, George, Darien, Conn., assignor to Consolidated Edison Company of New York, Inc., New York, N. Y. Cinder metering. 2,353,828; July 18.
Hyde, George J., Brooklyn, assignor to Firearms Research Corporation, New York, N. Y. Rifle. 2,342,283; Feb. 22.
Hyde, Lloyd E., Fairmont, Minn. Torch. 2,364,295; Dec. 5.
Hyde, Merritt A., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Protective motor control system. 2,361,209; Oct. 24.
Hydraulic Brake Company. (See Benn, Walter E., assignor.)
Hydraulic Brake Company. (See Loweke, Erwin F., assignor.)
Hydraulic Brake Company. (See Miller, Raymond J., assignor.)
Hydraulic Brake Company. (See Swift, Harvey C., assignor.)
Hydraulic Brake Company. (See Swift, J. F., and Miller, assignors.)
Hydraulic Brake Company. (See Young, Henry S., Jr., assignor.)
Hydraulic Control Engineering Company. (See Stephens, William T., assignor.)
Hydraulic Controls, Inc. (See Huber, Matthew W., assignor.)
Hydraulic Development Corp., Inc., The. (See Ashbaugh, Bernard D., assignor.)
Hydraulic Development Corporation, Inc., The. (See Bench, David E., assignor.)
Hydraulic Development Corp., Inc., The. (See Ernst, Walter, assignor.)
Hydraulic Development Corporation, Inc., The. (See Ernst, W., and Hubbert, assignors.)
Hydraulic Development Corp., Inc., The. (See Ernst, W., Lawyer, and Ashbaugh, assignors.)
Hydraulic Development Corporation, Inc., The. (See Ernst, W., and Youngblood, assignors.)
Hydraulic Development Corporation, Inc., The. (See Flowers, Paul E., assignor.)
Hydraulic Development Corp. Inc., The. (See Lawyer, Ira B., assignor.)
Hydraulic Development Corporation, The. (See MacMillin, H. F., and Muller, assignors.)
Hydraulic Development Corporation, Inc., The. (See Muller, Johan A., assignor.)
Hydraulic Development Corp. Inc., The. (See Summers, Otto M., assignor.)
Hydraulic Development Corp. Inc., The. (See Tucker, Warren R., assignor.)
Hydraulic Development Corp. Inc., The. (See Tucker, W. R., and Waldie, assignors.)
Hydraulic Development Corporation, Inc., The. (See Waldie, George A., assignor.)
Hydraulic Machinery, Inc. (See Wise, Harry L., assignor.)
Hydrocarbon Synthesis Corporation. (See Heckel, Heinrich, assignor.)
Hydronapthane Corporation. (See Schirm, Erik, assignor.)
Hydronapthene Corporation, The. (See Bertsch, Heinrich, assignor.)
Hydronaphthene Corporation, The. (See Gündel, Wolfgang, assignor.)
Hydronapthene Corporation, The. (See Schirm, Erik, assignor.)
Hyer, Robert S., Houston, Tex., assignor to Sperry-Sun Well Surveying Company, Philadelphia, Pa. Whipstock assembly. 2,357,330; Sept. 5.
Hygeia Nursing Bottle Company. (See Ganson, Howard H., assignor.)
Hyland, John W., Portsmouth, Ohio. Hydraulic brake cylinder cleaner and polisher. 2,348,132; May 2.
Hyland, Lawrence A., Washington, D. C., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Spark plug. 2,352,480; June 27.
Hyland, Lawrence A., Washington, D. C., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Spark plug structure. 2,352,481; June 27.
Hyland, Raymond, Barberton, Ohio. Drier. 2,349,043; May 16.
Hyland, William A., assignor to The Van Brunt Manufacturing Company, Horicon, Wis. Fertilizer distributor. 2,355,728; Aug. 15.
Hyland, William A., assignor to The Van Brunt Manufacturing Company, Horicon, Wis. Trash shield. 2,364,296; Dec. 5.
Hyler, Loiell L., Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Wire tensioning unit. 2,343,672; Mar. 7.
Hyman, Benjamin M., Moline, Ill., assignor to International Harvester Company. Hub extension for mounting tractors. 2,344,306; Mar. 14.
Hyman, Benjamin M., Moline, Ill., assignor to International Harvester Company. Harvester construction. 2,349,905; May 30.
Hyman, Benjamin M., Moline, Ill., assignor to International Harvester Company. Tractor-attached implement. 2,349,906; May 30.

Hyman, Benjamin M., Moline, Ill., assignor to International Harvester Company. Tractor-mounted instrument. 2,358,513; Sept. 19.
Hyman, Benjamin M., Moline, and E. M. Melin, Chicago, Ill., assignors to International Harvester Company. Corn picker. 2,344,305; Mar. 14.
Hyman, Benjamin M., Moline, Ill., and R. C. Fergason, La Porte, Ind., assignors to International Harvester Company. Coin harvester. 2,346,306; Apr. 11.
Hyman, Benjamin M., and J. L. Aasland, Moline, Ill., assignors to International Harvester Company. Corn picker. 2,351,515; June 13.
Hyman, Henry. (See Muldoon, Bernard F., assignor.)
Hyman, Julius, assignor to Velsicol Corporation, Chicago, Ill. Insecticide. 2,347,265; Apr. 25.
Hyman, Julius, assignor to Velsicol Corporation, Chicago, Ill. Insecticide. 2,348,976; May 16.
Hyman, Julius, assignor to Velsicol Corporation, Chicago, Ill. Insect repellent. 2,349,434; May 23.
Hymans, Frederick, Larchmont, assignor to Otis Elevator Company, New York, N. Y. Hydraulic elevator. 2,359,112; Sept. 26.
Hynes, Dibrell P., assignor to Chicago Forging & Manufacturing Company, Chicago, Ill. Pressure joint for tubes. 2,364,447; Dec. 5.
Hynson, Westcott & Dunning, Incorporated. (See Brewer, J. H., and Taylor, assignors.)
Hynan Products Company. (See Brownstein, Henry J., assignor.)
I-T-E Circuit Breaker Company. (See Graves, Herbert C., Jr., assignor.)
I. T. E. Circuit Breaker Company. (See Jensen, Otto, assignor.)
I-T-E Circuit Breaker Company. (See Myers, Felix E., assignor.)
I-T-E Circuit Breaker Company. (See Schymik, Walter H., assignor.)
I. T. E. Circuit Breaker Company. (See Scott, William M., Jr., assignor.)
Iams, Harley A., Summit, N. J., assignor to Radio Corporation of America. Method and apparatus for developing electron beams. 2,348,133; May 2.
Iannessa, Attilio. (See Bowe, H., and Iannessa.)
Iavelli, Teno, Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Transmission control. 2,343,298; Mar. 7.
Ibach, Emil, assignor to Cruver Manufacturing Company, Chicago, Ill. Decorating articles. 2,354,637; July 25.
Ibach, Gerald A., Phillips, Tex., assignor to Phillips Petroleum Company. Treatment of hydrocarbons. 2,352,789; July 4.
Ibbotson, Edward D., and E. Schmidt, assignors to Horrocks-Ibbotson Co., Utica, N. Y. Making fishing rods. 2,364,849; Dec. 12.
Ibbott, Harold W., assignor to Negretti & Zambra, London, England. Automatic control of variable physical conditions. 2,364,718; Dec. 12.
Ibbott, Welbie L., Belleville, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Safety device for sewing machines. 2,361,032; Oct. 24.
Idaho Maryland Mines Corporation. (See Brandenburg, Hellmuth R., assignor.)
Ide, John McD., Alexandria, Va., assignor to Shell Development Company, San Francisco, Calif. Gravity meter. 2,341,323; Feb. 8.
Ideal Manufacturing Co. (See Smith, Ray F., assignor.)
Ideal Novelty & Toy Co. (See Baggott, Edmund W., assignor.)
Ideal Novelty & Toy Co. (See Kallus, Joseph L., assignor.)
Ideal Novelty & Toy Co. (See Katz, Abraham M., assignor.)
Ihrig, Clifford D., Edgewood, assignor to The Union Switch and Signal Company, Swissvale, Pa. Traffic locking circuit. 2,354,023; July 18.
Iknayan, Alfred N., Indianapolis, Ind., assignor to United States Rubber Company, New York, N. Y. Manufacture of inner tubes. 2,345,200; Mar. 28.
Ileman, Emil A., Bethlehem, Pa., assignor, by mesne assignments, to Realty and Industrial Corporation, Convent, N. J. Reclosing circuit breaker. 2,353,470; July 11.
Iler, Ralph K., Cleveland Heights, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical process and products. 2,356,161; Aug. 22.
Iler, Ralph K., Cleveland Heights, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Water-resistant starch and paper containing it. 2,359,858; Oct. 10.
Ilex Optical Company. (See Schwarz, Alfred, assignor.)
Ilford Limited. (See Kendall, John D., assignor.)
Ilford Limited. (See Kendall, J. D., and Fry, assignors.)
Ilg Electric Ventilating Co. (See Sutcliffe, A. G., and Weaver, assignors.)
Illinois Felt Company. (See Clark, William L., assignor.)
Illinois Iron & Bolt Company. (See Ross, Herman M., assignor.)
Illinois Powder Manufacturing Company. (See Watt, S. B., and Adolph, assignors.)
Illinois Railway Equipment Company. (See Johnson, Malcolm S., assignor.)
Illinois Testing Laboratories, Inc. (See Breitenstein, Victor W., assignor.)
Illinois Testing Laboratories, Inc. (See Miller, Kenneth H., assignor.)
Illinois Tool Works. (See Hanneman, Walter M., assignor.)
Illinois Tool Works. (See Hosking, Richard T., assignor.)
Illinois Tool Works. (See Poupitch, Ougljesa J., assigner.)
Illmer, Louis, and V. R. Pallas; said Pallas assignor to L. T. Pallas, Cortland, N. Y. Plate polishing machine. 2,338,644; Jan. 4.
Illmer, Louis, and V. R. Pallas, Cortland, N. Y.; said Pallas assignor to L. T. Pallas. Grinder machine reeling system. 2,343,460; Mar. 7.
Illmer, Louis, and V. R. Pallas, Cortland, N. Y.; said Pallas, assignor to L. T. Pallas. Grinder head appurtenance. 2,365,640; Dec. 19.
Ilische, Arthur, Rye, N. Y. Forming die. 2,340,472; Feb. 1.
Illsley, Frank P., Muskegon, Mich. Filler neck and cap. 2,340,593; Feb. 1.
Imberman, Jonas F., Los Angeles, Calif. Face guard for sewing machine operators. 2,338,331; Jan. 4.
Imbert, Roger. (See Anxionnaz, René, and Imbert.)
Immel, Ralph B., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,343,412; Mar. 7.
Immordino, Anthony, Deer Park, N. Y. Handbag. 2,351,341; June 13.
Imperatrice, James J. (See Terry, K. F., and Imperatrice.)
Imperial Brass Manufacturing Company, The. (See Eden, Harold W., assignor.)
Imperial Brass Manufacturing Company, The. (See Davis, Ernest W., assignor.)
Imperial Brass Manufacturing Company, The. (See Franck, George E., assignor.)
Imperial Brass Manufacturing Company, The. (See McIntosh, Robert D., assignor.)
Imperial Chemical Industries Limited. (See Arnold, M. H. M., and Perry, assignors.)
Imperial Chemical Industries Limited. (See Birchall, Harold, assignor.)
Imperial Chemical Industries Limited. (See Blackshaw, H., and Haddock, assignors.)
Imperial Chemical Industries Limited. (See Boon, William R., assignor.)
Imperial Chemical Industries Limited. (See Bremner, J. G. M., and McNell, assignors.)
Imperial Chemical Industries Limited. (See Brown, J. H., and Watt, assignors.)
Imperial Chemical Industries Limited. (See Caldwell, W. A., and White, assignors.)
Imperial Chemical Industries Limited. (See Charlton, W., Harrison, and Waters, assignors.)
Imperial Chemical Industries Limited. (See Child, C. L., Clarke, and Habgood, assignors.)
Imperial Chemical Industries Limited. (See Dennington, Ralph F., assignor.)
Imperial Chemical Industries Limited. (See Dickson, J. P., and Sever, assignors.)
Imperial Chemical Industries Limited. (See Etridge, J. J., Sandford, and Lefebure, assignors.)
Imperial Chemical Industries Limited. (See Evans, William J. R., assignor.)
Imperial Chemical Industries Limited. (See Fieldsend, E. C., and Boyes, assignors.)
Imperial Chemical Industries Limited. (See Giles, C. H., and Wilkinson, assignors.)
Imperial Chemical Industries Limited. (See Haddock, Norman H., assignor.)
Imperial Chemical Industries Limited. (See Haworth, E., and Rose, assignors.)
Imperial Chemical Industries Limited. (See Houghton, A. A., and Luckhurst, assignors.)
Imperial Chemical Industries Limited. (See Ireland, Thomas S., assignor.)
Imperial Chemical Industries Limited. (See Irving, F., and Piggott, assignors.)
Imperial Chemical Industries Limited. (See Knight, Arthur H., assignor.)
Imperial Chemical Industries Limited. (See Knight, A. H., and Stephen.)
Imperial Chemical Industries Limited. (See Lefebure, Victor, assignor.)
Imperial Chemical Industries Limited. (See Lewis, J. R., Morgan, L. B. and W. McG., assignors.)
Imperial Chemical Industries Limited. (See Lewis, J. R., Morgan, and Watts, assignors.)
Imperial Chemical Industries Limited. (See Lodge, F., Lowe, and Tatum, assignors.)
Imperial Chemical Industries Limited. (See Mendoza, Mordecai, assignor.)
Imperial Chemical Industries Limited. (See Pratt, H. R. C., and Morris, assignors.)
Imperial Chemical Industries Limited. (See Sandford, J. B., and Lefebure, assignors.)
Imperial Chemical Industries Limited. (See Traill, David, assignor.)
Imperial Chemical Industries Limited. (See Traill, D., Seddon, and Sever, assignors.)
Imperial Chemical Industries Limited. (See Whittaker, Donald, assignor.)
Imperial Molded Products Corporation. (See Amrine, Leclare H., assignor.)

Imperial Paper and Color Corporation. (See Van Wirt, A. E., and Aylies, assignors.)
Imperial Paper and Color Corporation. (See Van Wirt, A. E., and Jones, assignors.)
Imperial Paper and Color Corporation. (See Van Wirt, A. E., and Lalor, assignors.)
Imperial Typewriter Co. Ltd. (See Brumhill, Claude W., assignor.)
Imperial Typewriter Company, Limited, The. (See Brumhill, Claude W., assignor.)
Imset, Otto, Skoyen near Oslo, Norway; vested in the Alien Property Custodian. Screen for paper stock and the like. 2,351,048; June 13.
In-A-Seal Safe Corporation. (See Holleyhead, Armel S., assignor.)
Independent Pneumatic Tool Company. (See Kuman, Frank A., assignor.)
Independent Pneumatic Tool Company. (See Mitchell, Walter G., assignor.)
Indge, Herbert S. (See Hulbert, G. E., and Indge.)
Indge, Herbert S., Westboro, assignor to Norton Company, Worcester, Mass. Cam lapping machine. 2,364,218; Dec. 5.
Inulsul Corporation of America. (See Murray, William S., assignor.)
Induction Heating Corp. (See Dravneek, Paul E., assignor.)
Induction Heating Corp. (See Rudd, Wallace C., assignor.)
Induction Heating Corp. (See Rudd, W. C., and Kohler, assignors.)
Induction Heating Corp. (See Rudd, W. C., and Levin, assignors.)
Industrial Brownhoist Corporation, The. (See Taylor, Ernest W., assignor.)
Industrial Brownhoist Corporation. (See Wheat, J. C., and North, assignors.)
Industrial Developments, Incorporated. (See Howe, Charles S., assignor.)
Industrial Exploitation Corp. (See Mackensen, William, assignor.)
Industrial Fabricators Inc. (See Miller, S. H., Jenkins, and McGuire, assignors.)
Industrial Home for the Blind, The. (See Lipstock, Alexander J., assignor.)
Industrial Patents Corporation. (See Bloom, Oscar T., assignor.)
Industrial Patents Corporation. (See Christopher, Edward F., assignor.)
Industrial Patents Corporation. (See Ingle, James D., assignor.)
Industrial Patents Corporation. (See Jensen, L. B., and Ilves, assignors.)
Industrial Patents Corporation. (See Koonz, C. H., and Ingle, assignors.)
Industrial Patents Corporation. (See Lager, Eric W., assignor.)
Industrial Patents Corporation. (See Mitchell, Harold S., assignor.)
Industrial Patents Corporation. (See Newton, Lowell R., assignor.)
Industrial Patents Corporation. (See Phelps, G. W., and Black, assignors.)
Industrial Patents Corporation. (See Schlewe, Edward A., assignor.)
Industrial Patents Corporation. (See Trinkle, Robert H., assignor.)
Industrial Patents Corporation. (See Urbain, Walter M., assignor.)
Industrial Patents Corporation. (See Walter, Charles T., assignor.)
Industrial Patents Corporation. (See Walter, C. T., and Newton, assignors.)
Industrial Patents Corporation. (See Williams, Beverly E., assignor.)
Industrial Rayon Corporation. (See Fauver, Stanley T., assignor.)
Industrial Rayon Corporation. (See Fryer, Louis S., assignor.)
Industrial Rayon Corporation. (See Fryer, L. S., and Bergmann, assignors.)
Industrial Rayon Corporation. (See Fryer, L. S., and Lovett, assignors.)
Industrial Rayon Corporation. (See Helm, Emerson B., assignor.)
Industrial Rayon Corporation. (See Kline, Hayden B., assignor.)
Industrial Rayon Corporation. (See Mercer, John F., assignor.)
Industrial Rayon Corporation. (See Mothwurf, Arthur F. F., assignor.)
Industrial Rayon Corporation. (See Tarbox, John P., assignor.)
Industrial Sheet Metal Works, Inc. (See Dalton, Alfred J., assignor.)
Industrial Tape Corporation. (See Billings, Howard J., assignor.)
Infanger, Arthur W. (See Vaughan, P. S., and Infanger.)
Infants Socks, Inc. (See Saussaman, W. A., and Bausher, assignors.)
Inflico Incorporated. (See Behrman, Abraham S., assignor.)
Inflico Incorporated. (See Gilliard, Herbert W., assignor.)
Inflico Incorporated. (See Gilliard, H. W., and Adelson, assignors.)
Inflico Incorporated. (See Green, Walter H., assignor.)
Inflico Incorporated. (See Green, Walter H., and Adelson, assignors.)
Inflico Incorporated. (See Green, W. H., and Barrington, assignors.)
Inflico Incorporated. (See Guns, Johanna, assignor.)
Inflico Incorporated. (See Hughes, Walter J., assignor.)
Inflico Incorporated. (See Shook, Charles H., assignor.)
Ingalls, David. (See Peters, M. F., and Ingalls.)
Ingalls, David, Westfield, N. J., assignor to Titeflex, Inc. Securing clamp. 2,351,858; June 20.
Ingalls Iron Works Company. (See Spoliansky, Alexander, assignor.)
Ingalls, John M., assignor to Cone Automatic Machine Company Inc., Windsor, Vt. Stock pusher. 2,355,866; Aug. 15.
Ingalls, Ross D., Scotch Plains, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Electric motor for military aircraft. 2,360,303; Oct. 10.
Ingersoll Milling Machine Company. (See Guttmann, Eric S., assignor.)
Ingersoll Milling Machine Company, The. (See Johnson J. R., and Hanlts, assignors.)
Ingersoll Milling Machine Company, The. (See Ridgway, William F., assignor.)
Ingersoll-Rand Company. (See Allen, Roy O., assignor.)
Ingersoll-Rand Company. (See Anderson, James H., assignor.)
Ingersoll-Rand Company. (See Collyer, William C., assignor.)
Ingersoll-Rand Company. (See Corson, Charles A., assignor.)
Ingersoll-Rand Company. (See Dickenson, Ernest H., assignor.)
Ingersoll-Rand Company. (See Hornschuch, Hanns, assignor.)
Ingersoll-Rand Company. (See Jimerson, Francis A., assignor.)
Ingersoll-Rand Company. (See Jimerson, F. A., and Reynolds, assignors.)
Ingersoll-Rand Company. (See Miller, Frank, assignor.)
Ingersoll-Rand Company. (See Sellars, Oliver H., assignor.)
Ingersoll-Rand Company. (See Stepanoff, Alexey J., assignor.)
Ingersoll-Rand Company. (See Wickens, Edward F., assignor.)
Ingersoll, Roy C., Winnetka, assignor to Borg-Warner Corporation, Chicago, Ill. Forming tapered wheels. 2,359,479; Oct. 3.
Ingle, James D. (See Koons, C. H., and Ingle.)
Ingle, James D., assignor to Industrial Patents Corporation, Chicago, Ill. Whitening eggs. 2,342,345; Feb. 22.
Ingle, James D., assignor to Industrial Patents Corporation, Chicago, Ill. Egg whitening. 2,342,346; Feb. 22.
Ingo-Iranian Oil Company Limited. (See Fawcett, E. W. M., and Narracott, assignors.)
Ingraham, E., Company, The. (See Simpson, John O., assignor.)
Ingram, Bernard J., Sewickley, assignor of one-fourth to E. F. McConnell, Pittsburgh, one-fourth to J. R. King, North Braddock, and one-fourth to A. Clydesdale, Jr., Mount Washington, Pa. Steam heating system. 2,344,874; Mar. 21.
Ingram, Geoffrey D. (See Wilkinson, B., Ingram, and Waumsley.)
Ingram, J. G. & Son Limited, et al. (See Wilkinson, B., Ingram, and Waumsley, assignors.)
Ingram, Joranda. (See Torjussen, K., and Ingram.)
Ingram, Joseph D., La Jolla, Calif. Rotary engine. 2,358,165; Sept. 12.
Ingres, Jeannot G. (See Hey, H. W., and Ingres.)
Ingres, Jeannot G., Detroit, Mich., assignor to Hill Engineering Corporation, Richmond, Va. Clutch control mechanism. 2,339,701; Jan. 18.
Ingres, Jeannot G., Detroit, Mich., assignor to E. G. Hill and G. T. Smith, Richmond, Va., as trustees. Airplane pickup mechanism. 2,341,324; Feb. 8.
Ingres, Jeannot G., Detroit, Mich., assignor to Automatic Shifters, Inc., Richmond, Va. Power steering mechanism. 2,341,502; Feb. 8.
Ingres, Jeannot G., Detroit, Mich., assignor to Hill Engineering Corporation, Richmond, Va. Clutch control mechanism. 2,365,470; Dec. 19.
Ingres, Jeannot G., Detroit, Mich., assignor to Automatic Shifters, Inc., Richmond, Va. Brake operating mechanism. 2,365,471; Dec. 19.
Ingres, Jeannot G., Detroit, Mich., assignor to Automatic Shifters, Inc., Richmond, Va. Clutch or brake operating mechanism. 2,365,960; Dec. 26.
Ingres, Jeannot G., Detroit, Mich., and H. W. Hey, assignors to E. Govan Hill and G. T. Smith, Richmond, Va., trustees. Airplane pickup mechanism. 2,356,671; Aug. 22.
Ingwer, Carl H., and O. E. Swanson, Elyria, assignors to The Ridge Tool Company, North Ridgeville, Ohio. Bolt threader. 2,350,313; May 30.
Ingwersen, Richard C., Elgin, Ill. Eye shield. 2,339,078; Jan. 11.

Inhoffen, Hans H., Berlin-Wilmersdorf, A. Butenandt, Berlin-Lichterfelde, Germany, and E. Schwenk, Montclair, assignors to Schering Corporation, Bloomfield, N. J. Steroid compounds and producing the same. 2,340,388; Feb. 1.
Inhoffen, Hans H., Berlin-Wilmersdorf, Germany, assignor to Schering Corporation, Bloomfield, N. J. Valuable compounds of the pregnane series and producing the same. 2,358,808; Sept. 26.
Inhoffen, Hans H., Berlin-Wilmersdorf, Germany, assignor to Schering Corporation, Bloomfield, N. J. Aromatization of steroid compounds and more especially to the production of estrone- and estradiol-like compounds and of their derivatives from $\Delta^{4,5}$-androstadienol-17-one-3. 2,361,847; Oct. 31.
Inland Container Corporation. (See Ferguson, Kenneth C., assignor.)
Inland Steel Company. (See Evans, Douglas N., assignor.)
Inland Steel Company. (See Martin, Edwin D., assignor.)
Inland Wire Products Company. (See Johnson, Eric A., assignor.)
Inman, George E., East Cleveland, and E. Lemmers and R. N. Thayer, Cleveland Heights, Ohio, assignors to General Electric Company. Electric discharge device. 2,341,990; Feb. 15.
Inman, Marc T. (See Flisik, A. C., Inman, and Bitler.)
Inman, Marc T., Nyack, and W. P. Bitler, Haverstraw, assignors to Kay-Fries Chemicals, Inc., West Haverstraw, N. Y. Preparation of phenobarbital. 2,358,072; Sept. 12.
Inman, Walter A., Waukegan, Ill. Topical preparation. 2,354,319; July 25.
Inman, William H., assignor to Bloomer Bros. Company, Newark, N. Y. Nonrefillable box. 2,340,753; Feb. 1.
Inman, William H., assignor to Bloomer Bros. Company, Newark, N. Y. Closure fastener for containers. 2,340,754; Feb. 1.
Inman, William H., assignor to Bloomer Bros. Company, Newark, N. Y. Container closure means. 2,342,543; Feb. 22.
Inman, William H., assignor to Bloomer Bros. Company, Newark, N. Y. Carton. 2,348,070; May 2.
Inman, William H., assignor to Bloomer Bros. Company, Newark, N. Y. Container. 2,355,729; Aug. 15.
Inman, William H., assignor to Bloomer Bros. Company, Newark, N. Y. Leakproof carton. 2,355,730; Aug. 15.
Innes, Walter P., Jr. (See Bidwell, Earl E., assignor.)
Innis, Speiden & Co. (See Ladd, Edward T., assignor.)
Inrecheco, Inc. (See Gruber, Max F., assignor.)
Inscho, Carlton S. (See Loth, E. C., and Inscho.)
Inslee, Heber C., East Orange, N. J., assignor, by mesne assignments, to Rockrite Processes, Inc., Stamford, Conn. Roll stand. 2,358,929; Sept. 26.
Insler, Frank, Bronx, and J. Fakler, Richmond Hill, N. Y. Magnetic board. 2,346,582; Apr. 11.
Institute of Paper Chemistry. (See Clark, James D'A., assignor.)
Institute of Paper Chemistry, The. (See Kress, O., and Johnson, assignors.)
Institute of Paper Chemistry, The. (See Rowland, B. W., and Fronmuller, assignors.)
Institute of Paper Chemistry, The. (See Rowland, B. W., Fronmuller, and Van den Akker, assignors.)
Institute of Paper Chemistry, The. (See Van den Akker, Johannes A., assignor.)
Institute of Paper Chemistry, The. (See Wells, Sidney D., assignor.)
Institutum Divi Thomae Foundation, The. (See Sperti, George, assignor.)
Interchemical Corporation. (See Auer, László, assignor.)
Interchemical Corporation. (See Bernardi, Dominic J., assignor.)
Interchemical Corporation. (See Carman, E. F., and Mears, assignors.)
Interchemical Corporation. (See Cassel, Norman S., assignor.)
Interchemical Corporation. (See Dench, Edward C., assignor.)
Interchemical Corporation. (See Gessler, A. E., and Bernardi, assignors.)
Interchemical Corporation. (See Gessler, A. E., and Goepfert, assignors.)
Interchemical Corporation. (See Goepfert, Werner F., assignor.)
Interchemical Corporation. (See Granville, Walter, assignor.)
Interchemical Corporation. (See Green, Henry, assignor.)
Interchemical Corporation. (See Green, H., and Fullam, assignors.)
Interchemical Corporation. (See Jeuck, F. J., and Rietz, assignors.)
Interchemical Corporation. (See Jones, Wilbur L., assignor.)
Interchemical Corporation. (See Marberg, C. M., and Abrams, assignors.)
Interchemical Corporation. (See Marberg, C. M., and Fischer, assignors.)
Interchemical Corporation. (See Opp, Carl, assignor.)
Interchemical Corporation. (See Pall, David B., assignor.)
Interchemical Corporation. (See Reynolds, William B., assignor.)
Interchemical Corporation. (See Reynolds, W. B., and Scully, assignors.)
Interchemical Corporation. (See Shack, I., and Wilson, assignors.)
Interchemical Corporation. (See Sheridan, Edward, assignor.)
Interchemical Corporation. (See Swain, Raymond A., assignor.)
Interchemical Corporation. (See Weidlich, William A., assignor.)
Interchemical Corporation. (See Wickwire, Arthur M., Jr., assignor.)
Interior, Government of the United States, as represented by the Secretary of. (See Quenon, Eugene E., assignor.)
Interior, United States of America, as represented by the Secretary of the. (See Sayers, Royd R., assignor.)
Interior, Government of the United States of America, as represented by the Secretary of the. (See Miller, H. C., Berwald, and Tallaferro, assignors.)
Interlake Iron Corporation. (See Schrage, Franklin R., assignor.)
International Braid Company. (See Holm, Carl B., assignor.)
International Business Machines Corporation. (See Armbruster, John W., assignor.)
International Business Machines Corporation. (See Bailey, William J. A., assignor.)
International Business Machines Corporation. (See Blakely, Robert T., assignor.)
International Business Machines Corporation. (See Bryce, James W., assignor.)
International Business Machines Corporation. (See Daly, George F., assignor.)
International Business Machines Corporation. (See Dickinson, Arthur H., assignor.)
International Business Machines Corporation. (See Dickinson, A. H., and Blakely, assignors.)
International Business Machines Corporation. (See Dodge, Ronald D., assignor.)
International Business Machines Corporation. (See Doty, Charles R., assignor.)
International Business Machines Corporation. (See Doty, C. R., and Rabenda, assignors.)
International Business Machines Corporation. (See Fitch, C. J., and Schneider, assignors.)
International Business Machines Corporation. (See Ford, Eugene A., assignor.)
International Business Machines Corporation. (See Furman, F. J., and Rabenda, assignors.)
International Business Machines Corporation. (See Ghertman, Iolno, assignor.)
International Business Machines Corporation. (See Harrison, Laurence S., assignor.)
International Business Machines Corporation. (See Heidinger, Willy, assignor.)
International Business Machines Corporation. (See Holt, Albert C., assignor.)
International Business Machines Corporation. (See Johnson, Reynold B., assignor.)
International Business Machines Corporation. (See Keen, Harold H., assignor.)
International Business Machines Corporation. (See Lake, Clair D., assignor.)
International Business Machines Corporation. (See Lake, C. D., and Hamilton, assignors.)
International Business Machines Corporation. (See Leathers, Ward, assignor.)
International Business Machines Corporation. (See Leathers, W., and Bailey, assignors.)
International Business Machines Corporation. (See Leathers, W., and Panissidi, assignors.)
International Business Machines Corporation. (See Lemmon, W. S., Doty, Walz, and Holt, assignors.)
International Business Machines Corporation. (See Lewis, W. L., and Gardinor, assignors.)
International Business Machines Corporation. (See Lewis, W. L., and Hayes, assignors.)
International Business Machines Corporation. (See Loungway, Arthur M., assignor.)
International Business Machines Corporation. (See Luhn, Hans P., assignor.)
International Business Machines Corporation. (See McCormack, Paul W., assignor.)
International Business Machines Corporation. (See Mills, Albert W., assignor.)
International Business Machines Corporation. (See Mills, A. W., and Furman, assignors.)
International Business Machines Corporation. (See Mills, A. W., and Rabenda, assignors.)
International Business Machines Corporation. (See Mills, A. W., Rabenda, Furman, and Keough, assignors.)
International Business Machines Corporation. (See Muniz, R., and Haddad, assignors.)
International Business Machines Corporation. (See Nichols, H. J., and Tholstrup, assignors.)
International Business Machines Corporation. (See Oldenboom, Derk J., assignor.)
International Business Machines Corporation. (See Page, Ralph E., assignor.)
International Business Machines Corporation. (See Palmer, James H., assignor.)

International Business Machines Corporation. (See Palmer, R. L., and Phelps, assignors.)
International Business Machines Corporation. (See Rabenda, Edward J., assignor.)
International Business Machines Corporation. (See Rabenda, E. J., and Kistner.)
International Business Machines Corporation. (See Rast, Frederick Q., assignor.)
International Business Machines Corporation. (See Reinhardt, A. E., Boissevain, Shapiro, and Cady, assignors.)
International Business Machines Corporation. (See Roth, Robert I., assignor.)
International Business Machines Corporation. (See Rubidge, D. W., and Rabenda, assignors.)
International Business Machines Corporation. (See Sampson, Richard H., assignor.)
International Business Machines Corporation. (See Scheerer, W., and Locklair, assignors.)
International Business Machines Corporation. (See Schuyler, Albert B., assignor.)
International Business Machines Corporation. (See Shafer, Orville E., assignor.)
International Business Machines Corporation. (See Sprecker, Alfred L., assignor.)
International Business Machines Corporation. (See Terman, Frederick E., assignor.)
International Business Machines Corporation. (See Von Keppert, Richard, assignor.)
International Business Machines Corporation. (See Watson, Thomas J., assignor.)
International Business Machines Corporation. (See Wheeler, John N., assignor.)
International Cellucotton Products Company. (See Thompson, O. T., and Hope, assignors.)
International Cigar Machinery Company. (See Broekhuysen, William C., assignor.)
International Cigar Machinery Company. (See Durning, James P., assignor.)
International Cigar Machinery Company. (See Halstead, John F., assignor.)
International Cigar Machinery Company. (See Johanson, S., and Walker, assignors.)
International Cigar Machinery Company. (See Patterson, Morehead, assignor.)
International Cigar Machinery Company. (See Rundell, Rupert E., assignor.)
International Cigar Machinery Company. (See Wheeler, Henry H., assignor.)
International Combustion Limited. (See Harlow, Walter F., assignor.)
International Detachable Bits & Equipment Limited. (See O'Neil, Charles E., assignor.)
International Filter Co. (See Green, Walter H., assignor.)
International Harvester Company. (See Aasland, John L., assignor.)
International Harvester Company. (See Acton, Russel D., assignor.)
International Harvester Company. (See Avila, Frank W., assignor.)
International Harvester Company. (See Bechman, William O., assignor.)
International Harvester Company. (See Benjamin, Bert R., assignor.)
International Harvester Company. (See Bennett, Dal L., assignor.)
International Harvester Company. (See Borgerd, W. F., Johnson, and Hinkel, assignors.)
International Harvester Company. (See Brantingham, Paul T., assignor.)
International Harvester Company. (See Burnett, Burton F., assignor.)
International Harvester Company. (See Cooney, Edward W., assignor.)
International Harvester Company. (See Cosper, Dale L assignor.)
International Harvester Company. (See Crumb, Charles F., assignor.)
International Harvester Company. (See Crumb, C. F., and Schneider, assignors.)
International Harvester Company. (See Dyrr, Jacob V., assignor.)
International Harvester Company. (See Evans, Arthur G., assignor.)
International Harvester Company. (See Graham, William S., assignor.)
International Harvester Company. (See Haas, Clarence C., assignor.)
International Harvester Company. (See Hand, Frederick E., assignor.)
International Harvester Company. (See Hipple, James L., assignor.)
International Harvester Company. (See Hipple, J. L., Dewey, and Burnett, assignors.)
International Harvester Company. (See Hitchcock, Rex B., assignor.)
International Harvester Company. (See Huddle, Edwin F., assignor.)
International Harvester Company. (See Hyman, Benjamin M., assignor.)
International Harvester Company. (See Hyman B. M., and Aasland, assignors.)
International Harvester Company. (See Hyman, B. M., and Ferguson, assignors.)
International Harvester Company. (See Hyman, B. M., and Meiln, assignors.)
International Harvester Company. (See Johnson, Arnold E. W., assignor.)
International Harvester Company. (See Johnson, A. E. W., and Kaupke, assignors.)
International Harvester Company. (See Karlsson, Elof, assignor.)
International Harvester Company. (See Kriegbaum, George M., assignor.)
International Harvester Company. (See Kreigbaum, G. M., and Haas, assignors.)
International Harvester Company. (See Kriegbaum, G. M., Haas, and Mott, Jr., assignors.)
International Harvester Company. (See La Motte, Ralph R., assignor.)
International Harvester Company. (See Land, H. A., and Bocksruker, assignors.)
International Harvester Company. (See Lindgren, Alexus C., assignor.)
International Harvester Company. (See Lyle, James E., assignor.)
International Harvester Company. (See MacDonald, Raymore D., assignor.)
International Harvester Company. (See McNamara, Gordon G., Jr., assignor.)
International Harvester Company. (See Millard, L. P., and Pool, assignors.)
International Harvester Company. (See Mitchell, Melville J., assignor.)
International Harvester Company. (See Morkoski, James, assignor.)
International Harvester Company. (See Mott, Carl W., assignor.)
International Harvester Company. (See Mott, C. W., and Smith, assignors.)
International Harvester Company. (See Orelind, John R., assignor.)
International Harvester Company. (See Orendorff, John W., assignor.)
International Harvester Company. (See Radtke, Adelbert C., assignor.)
International Harvester Company. (See Raney, C. R., and Johnson, assignors.)
International Harvester Company. (See Raney, R. R., and Bornzin, assignors.)
International Harvester Company. (See Ratcliff, Ralph A., assignor.)
International Harvester Company. (See Rietz, Edward L., assignor.)
International Harvester Company. (See Rosenthal, William C., assignor.)
International Harvester Company. (See Scarlett, Arthur A., assignor.)
International Harvester Company. (See Scarlett, A. A., and Young, assignors.)
International Harvester Company. (See Scarratt, A. W., Baker, and Hagen, assignors.)
International Harvester Company. (See Slavicek, George, assignor.)
International Harvester Company. (See Smith, Hiram P., assignor.)
International Harvester Company. (See Smith, Lewis E., assignor.)
International Harvester Company. (See Straub, Joseph C. A., assignor.)
International Harvester Company. (See Walker, E. C., and Buck, assignors.)
International Harvester Company. (See Welty, Albert B., assignors.)
International Harvester Company. (See Zirckel, Charles H., assignor.)
International Industries, Inc. (See Fassin, Gustave, assignor.)
International Industries, Inc. (See Miles, John R., assignor.)
International Lubricant Corporation. (See Fraser, H. M., and Maxwell, assignors.)
International Meters, Inc. (See Fink, Louis F., assignor.)
International Minerals & Chemical Corporation. (See Butt, Charles A., assignor.)
International Mutoscope Corporation. (See Lissiansky, Alexander, assignor.)
International Mutoscope Corporation. (See Rabkin, W., and Newman, assignors.)
International Mutoscope Reel Co. Inc. (See Kelley, Russell R., assignor.)
International Nickel Company, The. (See Nash, John T., assignor.)
International Nickel Company, The. (See Pilling, N. B., and Wesley, assignors.)
International Nickel Company, The. (See Rote, Franklin B., assignor.)
International Nickel Company, The. (See Wise, Edmund M., assignor.)
International Paper Box Machine Company, The. (See La Bombard, Leon E., assignor.)
International Paper Company. (See Campbell, J., and Taylor, assignors.)
International Paper Company. (See Doyle, J. A., and (Hutchins, assignor.).
International Paper Company. (See Lang, F. J., and Jaeger, assignors.)

International Photo Copy Inc. (See Fullerton, Robert H., assignor.)
International Plastic Corporation. (See Schleman, Gustave, assignor.)
International Projector Corporation. (See Boecking, Ewald, assignor.)
International Pulverizing Corporation. (See Andrews, Norwood H., assignor.)
International Pulverizing Corporation. (See Hobbie, Albert C., assignor.)
International Register Company. (See Gallagher, William P., assignor.)
International Resistance Company. (See Pugh, Alexander L., Jr., assignor.)
International Shoe Company. (See Bown, Samuel, assignor.)
International Shoe Company. (See Heck, Valentine M., assignor.)
International Shoe Company. (See Hollander, Leo B., assignor.)
International Smelting and Refining Company. (See Hulme, Philip M., assignor.)
International Smelting & Refining Company. (See Shropshire, W. W., and Feohman, assignors.)
International-Stacey Corporation. (See Griffith, W. H., and Colby, assignors.)
International-Stacey Corporation. (See McEwen, J., and Selberg, assignors.)
International Standard Electric Corporation. (See Bancroft, Erwin P., assignor.)
International Standard Electric Corporation. (See Busignies, Henri G., assignor.)
International Standard Electric Corporation. (See Carroll, Louis W., assignor.)
International Standard Electric Corporation. (See Chatterjea, P. K., and Brand, assignors.)
International Standard Electric Corporation. (See Chevigny, Georges P., assignor.)
International Standard Electric Corporation. (See Deakin, Gerald, assignor.)
International Standard Electric Corporation. (See Deakin, G., and Clark, assignors.)
International Standard Electric Corporation. (See Deakin, G., and Herbig, assignors.)
International Standard Electric Corporation. (See Deloraine, Edmond M., assignor.)
International Standard Electric Corporation. (See Earp, Charles W., assignor.)
International Standard Electric Corporation. (See Fairley, F., and Walsh, assignors.)
International Standard Electric Corporation. (See Foulkes, Christopher H., assignor.)
International Standard Electric Corporation. (See Freinlin, John H., assignor.)
International Standard Electric Corporation. (See Grace, B. B., and Hellier, assignors.)
International Standard Electric Corporation. (See Gray, Richard E., assignor.)
International Standard Electric Corporation. (See Haigh, Leslie B., assignor.)
International Standard Electric Corporation. (See Hatton, W., and Kosma, assignors.)
International Standard Electric Corporation. (See Hellier, William H. M., assignor.)
International Standard Electric Corporation. (See Herbig, Henry F., assignor.)
International Standard Electric Corporation. (See Jacobsen, Bent B., assignor.)
International Standard Electric Corporation. (See Kozma, L., and Kruithof, assignors.)
International Standard Electric Corporation. (See Kram, W., and Jarvis, assignors.)
International Standard Electric Corporation. (See Lee, Edwin C., assignor.)
International Standard Electric Corporation. (See Lévy, M. M., and Merritt, assignors.)
International Standard Electric Corporation. (See Litton, Charles V., assignor.)
International Standard Electric Corporation. (See Martin, Robert E., assignor.)
International Standard Electric Corporation. (See McLarn, Ernest S., assignor.)
International Standard Electric Corporation. (See New, A. A., Foord, and Beckwith, assignors.)
International Standard Electric Corporation. (See Quayle, Joshua C., assignor.)
International Standard Electric Corporation. (See Robertson, James S. P., assignor.)
International Standard Electric Corporation. (See Skilling, Hugh, assignor.)
International Standard Electric Corporation. (See Smyth, Charles N., assignor.)
International Standard Electric Corporation. (See Ullrich, Edward H., assignor.)
International Standard Electric Corporation. (See Van Mierlo, Stanislas, assignor.)
International Standard Electric Corporation. (See Ward, George L., assignor.)
International Standard Electric Corporation. (See Williams; Herbert P., assignor.)
International Standard Electric Corporation. (See Wolfson, H., and Shepard, assignors.)
International Standard Electric Corporation. (See Zellweger, Carl, assignor.)
International Silver Company. (See Parkin, G. F., and Brown, assignors.)
International Steel Company. (See Hagenbook, Thurloe M., assignor.)
Interstate Aircraft and Engineering Corp. (See Drescher, J. F., and Hirtensteiner, assignors.)
Interstate Aircraft and Engineering Corp. (See Frimel, Hobart F., assignor.)
Interstate Bag Co. (See Steen, Harford K., assignor.)
Interstate Bakeries Corporation. (See Cohen, M., Enoch, Hasty, and Jorgenson, assignors.)
Interstate Bakeries Corporation. (See Tod, John, assignor.)
Interstate Vending Machine Company of St. Louis. (See Niewoehner, Fred, assignor.)
Invex Corporation. (See Craig, Palmer H., assignor.)
Invex Corporation. (See La Forge, Louis H., Jr., assignor.)
Iowa Manufacturing Company. (See Kosky, J. F., and Plumb, assignors.)
Iowa Manufacturing Company. (See Pollitz, Harold C., assignor.)
Iowa State College Research Foundation. (See Fabricius, N. E., and Nielsen, assignors.)
Iowa State College Research Foundation. (See Yoder, Lester, assignor.)
Ipatieff, Vladimir N. (See Pines, H., and Ipatieff.)
Ipatieff, Vladimir N. (See Schmerling, L., and Ipatieff.)
Ipatieff, Vladimir N., assignor to Universal Oil Products Company, Chicago, Ill. Production of diolefinic hydrocarbons. 2,345,751; Apr. 4.
Ipatieff, Vladimir N., and L. Schmerling, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,341,782; Feb. 15.
Ipatieff, Vladimir N., and H. Pines, assignors to Universal Oil Products Company, Chicago, Ill. Alkylation of hydrocarbons. 2,342,865; Feb. 29.
Ipatieff, Vladimir N., and L. Schmerling, assignors to Universal Oil Products Company, Chicago, Ill. Isomerization of paraffinic hydrocarbons. 2,347,266; Apr. 25.
Ipatieff, Vladimir N., and H. Pines, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of butane. 2,348,700; May 9.
Ipatieff, Vladimir N., and G. S. Monroe, assignors to Universal Oil Products Company, Chicago, Ill. Production of toluene. 2,352,199; June 27.
Ipatieff, Vladimir N., and G. S. Monroe, assignors to Universal Oil Products Company, Chicago, Ill. Production of toluene. 2,352,200; June 27.
Ipatieff, Vladimir N., and H. Pines, assignors to Universal Oil Products Company, Chicago, Ill. Isomerization of paraffin hydrocarbons. 2,353,899; July 18.
Ipatieff, Vladimir N., and L. Schmerling, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,358,011; Sept. 12.
Ipatieff, Vladimir N., and V. Haensel, Riverside, Ill., assignors to Universal Oil Products Company. Hydrogenation of aryl carboxylic acids. 2,355,219; Aug. 8.
Irany, Ernest P., Shawinigan Falls, Quebec, Canada. Capillary viscometer. 2,343,061; Feb. 29.
Irasek, Eugene H., Bethesda, Md. Roller bearing separator. 2,349,824; May 30.
Ireland, Thomas S., Penketh, Warrington, England, assignor to Imperial Chemical Industries Limited. Manufacture of resinous products derived from acrylic acid. 2,345,126; Mar. 28.
Irick, William A., Lexington, Ky. Chest bed. 2,356,321; Aug. 22.
Irish, Leiland A., et al. (See Wilson, Ray O., assignor.)
Iron Fireman Manufacturing Company. (See Carl, John W., assignor.)
Irons, Davison E., Erie, Pa., assignor to General Electric Company. Shaft bearing. 2,351,431. June 13.
Ironside, George, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Machine gun mount. 2,346,845; Apr. 18.
Ironside, George, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Retarding rate of firing of automatic firearms. 2,363,965; Nov. 28.
Ironside, George, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Regulating the rate of fire of automatic firearms. 2,363,966; Nov. 28.
Irrgang, William F. (See Shea, J. J., Irrgang, and Swift.)
Irslinger, Otto, Berlin-Charlottenburg, Germany; vested in the Alien Property Custodian. Reception of frequency modulated waves. 2,349,966; May 30.
Irvin, Harry C., Detroit, Mich., assignor to American Brake Shoe Company. Bearing. 2,361,629; Oct. 31.
Irvin, Ward M., Battle Creek, Mich. Smoking device. 2,355,652; Aug. 15.
Irvine, Fergus A., New Orleans, La., assignor to The Celotex Corporation, Chicago, Ill. Board finish apparatus. 2,348,817; May 16.
Irving, Francis, and H. A. Piggott, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Anthraquinone vat dyestuffs. 2,356,060; Aug. 15.
Irving, Francis, and H. A. Piggott, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Anthraquinone dyestuffs. 2,356,061; Aug. 15.

Irvington Varnish & Insulator C. (See Van Norde, Peter, assignor.)
Irwin, George C., St. Louis, Mo. Chemical container. 2,351,267. June 13.
Irwin, George W., Detroit, Mich. Antiaircraft device. 2,354,754; Aug. 1.
Irwin, James V. (See Paradise, L. A., Irwin, and Martin.)
Irwin, John C., Roosevelt, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,352,635; July 4.
Irwin, William R., assignor of one-half to J. F. Termeer, New York, N. Y. Puzzle. 2,353,037; July 4.
Isaac, Elmer B. (See Rippl, F. J., and Isaac.)
Isaacs, Louis. (See Walsh, C. L., Isaacs, and Mercur.)
Isaacs, Thomas W., Bakersfield, Calif. Cable socket. 2,346,846; Apr. 18.
Isaacson, Carl A., St. Paul, Minn. Garment hanger. 2,345,398; Mar. 28.
Isaacson Iron Works. (See Allin, George S., assignor.)
Isaacson, Max, et al. (See Grant, Rudolph R., assignor.)
Isbell, Horace S., Washington, D. C., assignor to Government of the United States, represented by the Secretary of Commerce. Preparation of polyhydroxydibasic acids and their salts. 2,338,114; Jan. 4.
Isbell, Horace S., Washington, D. C., assignor to the Government of the United States, represented by the Secretary of Commerce. Oxidizing uronic acids. 2,338,115; Jan. 4.
Isbell, John A. (See Wood, H. A. W., Tollison, R., and Isbell.)
Iseli, Alphons, Neudorf, Switzerland. Closure. 2,339,702; Jan. 18.
Iseli, Malcolm D., Chula Vista, Calif. Hydraulic snubber. 2,363,867; Nov. 28.
Isenbour, Russell R. (See Minet, Valere L., assignor.)
Isern, Glenn W., assignor to W. C. Woellner, Cincinnati, Ohio. Toy airplane. 2,358,514; Sept. 19.
Isham, Robert M., and O. Spring, Okmulgee, Okla., assignors to Danciger Oil & Refineries, Inc., Fort Worth, Tex. Recovering aliphatic lactones. 2,342,145; Feb. 22.
Isham, Robert M., and O. Spring, Okmulgee, assignors to Danciger Oil & Refineries, Inc., Tulsa, Okla. Treatment of pyroligneous acid. 2,358,229; Sept. 12.
Isham, Robert M., and O. Spring, Okmulgee, assignors to Danciger Oil & Refineries, Inc., Tulsa, Okla. Extraction of lactones and phenols from pyroligneous acid. 2,358,979; Sept. 26.
Ishibashi, Junkichi. (See Arimori, T., Konishi, Ishibashi, and Yoshimura.)
Iskoff, Anatol D., Bronx, N. Y. Rotary steam engine. 2,352,544; June 27.
Israel, David P., Boston, Mass. Cleaning pad. 2,363,064; Nov. 21.
Isserstedt, Siegfried G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Fuel burner control system. 2,341,719; Feb. 15.
Isserstedt, Siegfried G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control apparatus. 2,346,307; Apr. 11.
Isserstedt, Siegfried G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Combustion control device. 2,346,308; Apr. 11.
Isserstedt, Siegfried G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control apparatus. 2,357,897; Sept. 12.
Isserstedt, Siegfried G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Spark check arrangement. 2,358,166; Sept. 12.
Issigonis, Alexander A., assignor to Morris Motors Limited, Cowley, Oxford, England. Throttle valve control mechanism for internal-combustion engines. 2,361,103; Oct. 24.
Issogio, Louis P., Los Angeles, and H. R. Ellinwood, assignors to Adel Precision Products Corp., Burbank, Calif. Conduit supporting and bonding block. 2,341,943; Nov. 7.
Ittner, Martin H., assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Distillation. 2,357,829; Sept. 12.
Ivel Corporation. (See Levi, Leslie E., assignor.)
Ivers-Lee Company. (See Salfisberg, Leroy L., assignor.)
Iverson, Lorens, assignor to Mesta Machine Company, Pittsburgh, Pa. Hydraulic press. 2,360,060; Oct. 10.
Ivey, Jack W., and W. D. Owens, assignors to American Signal Company, Albany, Ga. Signaling system. 2,345,979; Apr. 4.
Ivey, Lewis T., Green Cove Springs, Fla. Poultry feeder. 2,350,461; June 6.
Ivy, Jessie T., Seattle, Wash. Snips. 2,356,672; Aug. 22.
Iwasaka, George K., Indianapolis, Ind., assignor to Stewart-Warner Corporation, Chicago, Ill. Refrigerator. 2,363,530; Nov. 28.
Jaccard, Gaston. (See Link, J., and Jaccard.)
Jack & Heintz, Inc. (See Bonsky, Samuel, assignor.)
Jack & Heintz, Inc. (See Carlson, Bert G., assignor.)
Jack & Heintz, Inc. (See Carlson, H. G., and Tyler.)
Jack & Heintz, Inc. (See Conant, David J., assignor.)
Jack & Heintz, Inc. (See Goddard, Asa C., assignor.)
Jack & Heintz, Inc. (See Heintz, Ralph M., assignor.)
Jack & Heintz, Inc. (See Heintz, R. M., and Carlson, assignors.)
Jack & Heintz, Inc. (See Heintz, R. M., and Conant, assignors.)
Jack & Heintz, Inc. (See Heintz, R. M., and Scofield, assignors.)
Jack & Heintz, Inc. (See Keistman, Arnold R., assignor.)
Jack & Heintz, Inc. (See McGinnis, J. L., and Honroth, assignors.)
Jack & Heintz, Inc. (See Neff, Joseph J., assignor.)
Jack & Heintz, Inc. (See Parks, Wesley E., assignor.)
Jack & Heintz, Inc. (See Pravda, Milton F., assignor.)
Jack & Heintz, Inc. (See Presloski, Peter M., assignor.)
Jack & Heintz, Inc. (See Presloski, P. M., and Seme, assignors.)
Jack & Heintz, Inc. (See Sawicki, Arthur A., assignor.)
Jack & Heintz, Inc. (See Scofield, Philip F., assignor.)
Jack & Heintz, Inc. (See Scofield, P. F., and Conant, assignors.)
Jack & Heintz, Inc. (See Seme, John J., assignor.)
Jack, William A., 3rd, North Plainfield, and A. Mensak, Jr., Manville, N. J. Sound-absorbing unit. 2,357,115; Aug. 29.
Jackell, William A., Lawrence, Mass. Flashlight handle. 2,358,576; Sept. 19.
Jackman, Charles W., Flint, assignor to General Motors Corporation, Detroit, Mich. Bearing fillet roller. 2,357,515; Sept. 5.
Jackman, Elmer F., Lakewood, Ohio, assignor to G. V. Woodling and said Jackman, co-trustees, as joint assignee. Sealing device. 2,349,170; May 16.
Jackman, Elmer F., Lakewood, Ohio, assignor to G. V. Woodling and E. F. Jackman, as co-trustees. Fluid seal and means for cooling same. 2,352,636; July 4.
Jackson, Albert S. (See Fedorchak, W. J., and Jackson.)
Jackson, Albert S. (See Fedorchak, W. J., Jackson, McCormick, Heyne, and Nelson.)
Jackson, Albert S., Wood River, Ill., assignor to Owens-Illinois Glass Company. Article sorting apparatus. 2,346,583; Apr. 11.
Jackson, Albert S., and C. A. Heyne, Wood River, Ill., assignors to Owens-Illinois Glass Company. Decorating apparatus. 2,365,961; Dec. 26.
Jackson, Aldrich L., Minneapolis, Minn. Electric meat chopper and tenderizer. 2,346,686; Apr. 18.
Jackson, Aldrich L., Minneapolis, Minn. Electric meat tenderizer. 2,364,533; Dec. 5.
Jackson, Allton B. (See Clarkson, J. L., and Jackson.)
Jackson, Arch R., Shavertown, Pa. Emergency wheel brake. 2,344,148; Mar. 14.
Jackson, Arthur L. (See Mortiz, A. J. L., Jackson, and Thurmond.)
Jackson, Arthur L., West Asheville, assignor to American Enka Corporation, Enka, N. C. Manufacture of bobbin-spun rayon. 2,338,720; Jan. 11.
Jackson, Arthur L., West Asheville, assignor to American Enka Corporation, Enka, N. C. Manufacture of rayon. 2,338,721; Jan. 11.
Jackson, Arthur L., West Asheville, assignor to American Enka Corporation, Enka, N. C. Manufacture of rayon. 2,338,722; Jan. 11.
Jackson, Arthur L., West Asheville, assignor to American Enka Corporation, Enka, N. C. Manufacture of bobbin spun rayon. 2,338,723; Jan. 11.
Jackson, Claude N. (See Wall, James L., assignor.)
Jackson, Clifford C., assignor to Chrysler Corporation, Highland Park, Mich. Motor vehicle lighting. 2,360,499; Oct. 17.
Jackson, Corwill, Ludington, Mich. Concrete placing machine. 2,346,378; Apr. 11.
Jackson, Corwill, Ludington, Mich. Method of and apparatus for placing pavement slabs and the like. 2,346,379; Apr. 11.
Jackson, Donald R. P., assignor to Molins Machine Company, Limited, Deptford, London, England. Signal pistol. 2,351,268; June 13.
Jackson, Donald T., and J. L. Parsons, assignors to Hammermill Paper Company, Erie, Pa. Safety paper and preparation thereof. 2,363,330; Nov. 21.
Jackson, Edward A., Doncaster, England. Cartridge positioning machine. 2,358,930; Sept. 26.
Jackson, Edwin C. (See Frede, C. F., and Jackson.)
Jackson, Edwin C. (See Meyer, W. H., and Jackson.)
Jackson, Edwin C. (See Prager, H. M., and Jackson.)
Jackson, Edwin C. (See Travilla, J. C., Jr., and Jackson.)
Jackson, Honel A., Detroit, Mich. Fluid-cooled electrode holder. 2,350,614; June 6.
Jackson, James O., Crafton, Pa., assignor to Pittsburgh-Des Moines Company. Elevated tank. 2,349,096; May 16.
Jackson, James O., Crafton, and C. L. Stone, Pittsburgh, Pa., assignors to Pittsburgh-Des Moines Company. Intersecting spherical pressure tank. 2,341,044; Feb. 8.
Jackson, Jesse O., Birmingham, Ala. Veneer lathe. 2,340,532; Feb. 1.
Jackson, John. (See Schmidt, A. J., and Jackson.)
Jackson, John A., Albion, N. Y. Injecting mechanism for dental flasks. 2,341,901; Feb. 15.
Jackson, John G., assignor to Square D Company, Detroit, Mich. Spark plug. 2,355,163; Aug. 8.
Jackson, John K., assignor to Corning Glass Works, Corning, N. Y. Clarification and cooling of fluids. 2,353,038; July 4.
Jackson, John M. (See Carpenter, V. W., Jackson, and Lucas.)

Jackson, Joseph G., Chicago, Ill., assignor to Ekco Products Company. Baking pan reinforcement. 2,357,048; Aug. 29.
Jackson, Joseph G., Oak Park, assignor to The Edward Katzinger Company, Chicago, Ill. Folded bake pan. 2,358,447; Sept. 19.
Jackson, Lyan E., assignor to Firguson Door and Awning Co., Los Angeles, Calif. Door. 2,339,569; Jan. 18.
Jackson, Lynn E., assignor to Firguson Door and Awning Co., Los Angeles, Calif. Door. 2,339,570; Jan. 18.
Jackson, Merlin M., San Jose, Calif. Washing machine. 2,356,480; Oct. 3.
Jackson, Patrick T., Jr., Attleboro, Mass., and E. T. Anderson, Ontarioville, Ill., assignors to American Reenforced Paper Company, Attleboro, Mass. Needled fabric and manufacture. 2,341,620; Feb. 15.
Jackson, Paul S., assignor to Rockford Machine Tool Company, Rockford, Ill. Machine tool. 2,349,171; May 16.
Jackson, Robert G., Hopatcong, N. J. Gripping device. 2,345,604; Apr. 4.
Jackson, Robert G., Hopatcong, and A. H. Grover, Rockaway, N. J. Machine for extruding loaded components. 2,350,356; June 6.
Jackson, Stonewall, assignor to Morton Machine Works, Columbus, Ga. Valve-actuating means. 2,350,763; June 6.
Jackson, Thomas, D. Finlayson, and T. B. Frearson, Spondon, near Derby, England, assignors to Celanese Corporation of America. Textile product. 2,346,759; Apr. 18.
Jackson, Thomas E. (See Roose, C., and Jackson.)
Jackson, Wilbur F., Compton, assignor to Grayson Heat Control, Limited, Lynwood, Calif. Fuel control device. Re. 22,511; July 4.
Jackson, Wilbur F., assignor to Grayson Heat Control, Ltd., Lynwood, Calif. Safety control for gaseous fuel burners. 2,361,945; Nov. 7.
Jackson, Wilbur F., Lynwood, and T. H. Jeffers, Los Angeles, assignors to Grayson Heat Control, Ltd., Lynwood, Calif. Safety control for gaseous fuel burners. 2,361,944; Nov. 7.
Jackson, William, Collingswood, N. J., assignor to B. F. Sturtevant Company, Boston, Mass. Thermostatic control for dry kilns. 2,347,601; Apr. 25.
Jackson, William H., Great Neck, N. Y. Extracting drugs. 2,347,322; Apr. 25.
Jacob, Ezekiel J., assignor to B. Liebowitz, New York, N. Y. Composition of matter. 2,352,201; June 27.
Jacob, Frederick N., assignor to Johnson Laboratories, Inc., Chicago, Ill. Coupling device. 2,346,584; Apr. 11.
Jacob, Thomas H., Wausau, Wis. Combination trailer. 2,355,441; Aug. 8.
Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Combined steering post and ignition lock. 2,343,976; Mar. 14.
Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Coincidental ignition and gear shift lock. 2,348,134; May 2.
Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Pillar lock. 2,348,135; May 2.
Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Lock device. 2,357,004; Aug. 29.
Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Automobile direction signals. 2,361,630; Oct. 31.
Jacobi, Emil R., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Brake. 2,346,111; Dec. 26.
Jacobi, Louis, West Allis, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Power transmitting mechanism. 2,342,105; Feb. 22.
Jacobs, Arthur, Newark, N. J. Detachable toilet seat and cover. 2,355,378; Aug. 8.
Jacobs, Doyle P., Grand Rapids, Mich. Mechanical pencil. 2,340,665; Feb. 1.
Jacobs, E. H., Mfg. Co. (See Clark, Breckinridge T., assignor.)
Jacobs, Edward, Philadelphia, Pa. Invoice form and invoicing. 2,344,619; Mar. 21.
Jacobs, F. L., Co. (See Westrope, Frederick J., assignor.)
Jacobs, Harry A., assignor of fifty-one per cent to G. E. Berliner, Portland, Oreg. Automobile door lock control device. 2,339,170; Jan. 11.
Jacobs, Henry S. (See Burdick, W. S., and Jacobs.)
Jacobs, Henry S., Milwaukee, and W. S. Burdick, West Allis, assignors to Harnischfeger Corporation, Milwaukee, Wis. Crane drive system. 2,357,516; Sept. 5.
Jacobs, James M. H., deceased, Dayton, Ohio; R. A. Jacobs, administratrix. Toy airplane. 2,357,005; Aug. 29.
Jacobs, James W., assignor to General Motors Corporation, Dayton, Ohio. Domestic appliance. 2,363,184; Nov. 21.
Jacobs, Joseph H., Minneapolis, Minn. Making multiple tool holders. 2,348,908; May 16.
Jacobs, Joseph H., Minneapolis, Minn. Adjustment attachment for lathe tool holders. 2,358,230; Sept. 12.
Jacobs, Joseph H., Minneapolis, Minn. Positive cross-feed stop assembly attachment for turning lathes. 2,362,275; Nov. 7.
Jacobs Manufacturing Company, The. (See Stoner, Arthur M., assignor.)
Jacobs, Oliver B., Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Submarine cable transmission. 2,342,544; Feb. 22.
Jacobs, Ruth A., administratrix. (See Jacobs, James M. H.)
Jacobs, Theodor. (See Orthner, L., and Jacobs.)
Jacobsen, Arthur J., Oak Park, Ill. Severing machine. 2,343,556; Mar. 7.
Jacobsen, Bent B., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Electric carrier wave signaling system. 2,365,472; Dec. 19.
Jacobsen, Jörgen H., Hellerup, Denmark; vested in the Alien Property Custodian. Electromotor-driven mechanical stoker. 2,356,590; Aug. 22.
Jacobsen, Morris H. L., Guilford, Conn., assignor to American Telephone and Telegraph Company. Device for lifting weights. 2,358,577; Sept. 19.
Jacobsen, Oystein, Montgomery County, assignor to The Duriron Company, Inc., Dayton, Ohio. Diaphragm valve. 2,342,347; Feb. 22.
Jacobsohn, Samuel J., Chicago, Ill., assignor to The Gaertner Scientific Corporation. Spectroscopic apparatus. 2,342,737; Feb. 29.
Jacobson, Abe J. (See Clarin, Werner E., assignor.)
Jacobson, James H. (See Westcott, Clifford H., assignor.)
Jacobson, Johan S., The Hague, Netherlands; vested in the Alien Property Custodian. Projection of images. 2,348,818; May 16.
Jacobson, Parker A., Evanston, Ill. Machine for removing casings from sausages and the like. 2,340,755; Feb. 1.
Jacobson, Ralph A., Landenburg, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymerisation of acrylic compounds. 2,354,210; July 25.
Jacobson, Walter V. (See Warren, W. S., and Jacobson.)
Jacobsson, Wilgot J. (See Jones, H. W., and Jacobsson.)
Jacobsson, Wilgot J. (See Walker, W. S., and Jacobsson.)
Jacobsson, Wilgot J., Plainfield, N. J., assignor to Union Carbide and Carbon Corporation. Deseaming apparatus. 2,365,411; Dec. 19.
Jacoby-Bender, Inc. (See Rodrigues, Emil, assignor.)
Jacokes, James W., Asheville, J. J. Schilthuis, Enka, and G. I. Thurmond, Asheville, assignors to American Enka Corporation, Enka, N. C. Manufacture of artificial materials. 2,339,408; Jan. 18.
Jacocks, George T., New Rochelle, assignor to Heat Transfer Products, Inc., New York, N. Y. Self-scaling tube. 2,358,274; Sept. 12.
Jacocks, George T., New Rochelle, and R. E. Glauque, assignors to Heat Transfer Products, Inc., New York, N. Y. Heat exchanger. 2,340,756; Feb. 1.
Jacocks, George T., New Rochelle, and R. E. Glauque, assignors to Heat Transfer Products, Inc., New York, N. Y. Heat exchanger. 2,359,268; Sept. 26.
Jacuzzi Bros., Incorporated. (See Armstrong, J. E., and Piccardo, assignors.)
Jacuzzi, Candido, Berkeley, Calif. Pump system. 2,354,811; Aug. 1.
Jadach, Andrew, Cicero, assignor to Crane Co., Chicago, Ill. Ladle ball bearing and protector. 2,354,996; Aug. 1.
Jaeger, Gebhard, and C. I. Bohmer, assignors to The Jaeger Machine Company, Columbus, Ohio. Door structure for mixers. 2,348,682; May 9.
Jaeger, George R. (See Lang, F. J., and Jaeger.)
Jaeger Machine Company, The. (See Jaeger, G., and Bohmer, assignors.)
Jaeger Machine Company, The. (See Millikin, A. S., and Apel, assignors.)
Jaffé, Fritz, Brussels-Ixelles, Belgium, assignor, by mesne assignments, to Chromogen, Incorporated. Photographic layers and manufacture thereof. 2,357,590; Sept. 5.
Jagersberger, Joseph W., assignor to Rajo Motor Company, Racine, Wis. Internal combustion engine. 2,338,183; Jan. 4.
Jagger, Hubert, Maywood, assignor to Ditto, Incorporated, Chicago, Ill. Feeding sheets to duplicating machines. 2,343,187; Feb. 29.
Jagger, Hubert, Maywood, W. F. Schoenhardt, Chicago, and A. F. Uhlig, Cicero, assignors to Ditto, Incorporated, Chicago, Ill. Moistening mechanism for duplicating machines. 2,340,327; Feb. 1.
Jahn, Edward J., Edwardsville, Ill., assignor to Shell Development Company, San Francisco, Calif. Corrosion protective composition. 2,349,044; May 16.
Jahn, Edward J., Edwardsville, Ill., assignor to Shell Development Company, San Francisco, Calif. Anticorrosive. 2,363,792; Nov. 28.
Jahn, Edward J., Edwardsville, Ill., assignor to Shell Development Company, San Francisco, Calif. Alkylated cyclobutane carboxylic acid products and producing them. 2,365,703; Dec. 26.
Jahn, Hellmuth. (See Wolfram, A., and Jahn.)
Jahn, Leroy B., Montevideo, Minn. Parachute. 2,362,488; Nov. 14.
Jahns, Alfred H., Seattle, Wash. Pipe connection. 2,362,557; Nov. 14.

Jakeway, Gerald V., assignor to Keeler Brass Company, Grand Rapids, Mich. Door handle. 2,342,402; Feb. 22.
Jakeway, Gerald V., assignor to Keeler Brass Company, Grand Rapids, Mich. Handle. 2,342,403; Feb. 22.
Jakeway, Gerald V., assignor to Keeler Brass Company, Grand Rapids, Mich. Handle. 2,342,404; Feb. 22.
Jakeway, Gerald V., and I. S. Keeler, assignors to Keeler Brass Company, Grand Rapids, Mich. Door handle. 2,342,401; Feb. 22.
Jakob, Conrad W. (See Miles, G. D., Jakob, and Percy.)
Jakobsen, Jakob L., Minneapolis, Minn., assignor to General Mills, Inc. Stabilization of shortening. 2,363,672; Nov. 28.
Jakosky, John J., Lawrence, Kans. Footwear. 2,353,829; July 18.
Ja Kubiak, George, assignor of one-half to H. Farber, Barberton, Ohio. Measuring instrument. 2,361,631; Oct. 31.
Jalbert, Adrien L., Haverhill, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Automatic edge inking machine. 2,357,471; Sept. 5.
Jalbert, Adrien L., Haverhill, and E. Quinn, Saugus, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J. Insole. 2,352,715; July 4.
Jahreis, Carl A., Leonia, assignor to J. L. Hutton, trading as T. Shriver & Company, Harrison, N. J. Fractional removal of liquid from liquid-solid suspensions. 2,364,366; Dec. 5.
James, Albert L., Tenafly, N. J., assignor to Corn Products Refining Company, New York, N. Y. Production of zein coating. 2,364,792; Dec. 12.
James, Allan, Melbourne, Victoria, Australia. Underpants or shorts. 2,366,031; Dec. 26.
James, Bill Y., assignor of one-half to C. Y. James, Miami, Okla. Package wrapping. 2,353,669; July 18.
James, Bill Y., assignor of one-half to C. Y. James, Miami, Okla. Preformed wrapping for packages. 2,364,297; Dec. 5.
James, Bill Y., assignor of one-half to C. Y. James, Miami, Okla. Package wrapping. 2,365,704; Dec. 26.
James, Caroline Y. (See James, Bill Y., assignor.)
James, Clinton S., Elmira Heights, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine starter gearing. 2,344,463; Mar. 14.
James, Edmond J. P., Akron, Ohio, assignor to Packard Motor Car Company, Detroit, Mich. Machine for welding. 2,344,875; Mar. 21.
James, Frank. (See Kishlar, L., Cobb, and James.)
James, Harold Y., Denver, Colo. Tire vulcanizer. 2,347,952; May 2.
James, Harriet M., et al. (See James, N. R., and Talley, assignors.)
James, John H., Cleveland Heights, and H. B. Miller, assignors to The Brush Development Company, Cleveland, Ohio. Making joints. 2,344,615; Mar. 21.
James, Joseph H., assignor to C. P. Byrnes, Pittsburgh, Pa. Making ester salts. 2,341,218; Feb. 8.
James, Joseph H., assignor to C. P. Byrnes, Pittsburgh, Pa. Nucleated hydrocarbons and synthesizing them. 2,345,704; Apr. 4.
James, Joseph H., assignor to Clarence P. Byrnes, trustee, Pittsburgh, Pa. Making motor fuel. 2,363,331; Nov. 21.
James, Lawrence H., Silver Spring, Md. Sterilization of shoes and shoe leather. 2,349,661; May 23.
James Manufacturing Company. (See Markey, George T., assignor.)
James Manufacturing Company. (See Waterman, Arthur E., assignor.)
James Manufacturing Company. (See Waterman, A. E., and Tracy, assignors.)
James, Nicholas A., San Angelo, Tex. Stabilizer. 2,341,380; Feb. 8.
James, Norman R., Twickenham, and H. A. Talley, Stanmore, assignors of one-fourth to C. G. Blaker, North Finchley, and one-fourth to H. M. James, Twickenham, England. Apparatus for regional analgesia. 2,345,875; Apr. 4.
James, Parker H., Indianapolis, Ind. Illuminated display case. 2,355,731; Aug. 15.
James, Patrick H., assignor to Robert H. Ray Inc., Houston, Tex. Leveling device for gravimeters. 2,362,135; Nov. 7.
James, Perry C., Peoria, Ill. Truck and article carrier structure assembly. 2,338,645; Jan. 4.
James, Robert M., Buffalo, N. Y. Building construction. 2,351,615; June 20.
James, Tazewell S., Chester, Va. Portable sawing machine. 2,357,953; Sept. 12.
James, Thomas R., Minneapolis, Minn., assignor to General Mills, Inc. Locking chain links. 2,354,124; July 18.
James, Thomas S. (See Young, L. W., James, and Rountree.)
James, William S., assignor to The Studebaker Corporation, South Bend, Ind. Transmission. 2,339,269; Jan. 18.
James, William S., assignor to The Studebaker Corporation, South Bend, Ind. Transmission. 2,351,213; June 13.
Jamieson, Robert M. (See Johnston, E. C., Russell, and Jamieson.)
Jamestown Metal Equipment Company. (See Conterman, Fred A., assignor.)
Jamestown Metal Equipment Company. (See Hays, Charles H., Jr., assignor.)
Jamestown Steel Partitions, Inc. (See Johnson, Carl E. T., assignor.)
Jamie, Robert C. Scott, Pathlow, near Stratford-on-Avon, England. Clip for hoses and the like. 2,362,901; Nov. 14.
Jamieson, Jay R., Cleveland, Ohio. Producing the cutting portion of tools. 2,361,402; Oct. 31.
Jamison, C. Bland. (See de Swart, Jan, assignor.)
Jamison, C. Bland, et al. (See Carol, James E., assignor.)
Jamison, Clarence B., assignor of twenty per cent to Collins Mason, Beverly Hills, Calif. Reinforced propeller. 2,344,876; Mar. 21.
Jampol, Howard M., New York, N. Y. Feeding conveyer. 2,342,471; Feb. 22.
Janacek, Charles F., Philadelphia, Pa., and L. Chapman, assignors to Harrington & Richardson Arms Company, Worcester, Mass. Lock washer construction. 2,356,673; Aug. 22.
Janco, Nathan, Tulsa, Okla. Centrifugal casting machine. 2,353,339; July 11.
Jandasek, Joseph, assignor to Bendix Aviation Corporation, Detroit, Mich. Fluid drive. 2,339,015; Jan. 11.
Jandasek, Joseph, Detroit, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Turbo transmission. 2,339,483; Jan. 18.
Jandasek, Joseph, Detroit, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Turbo transmission. 2,339,484; Jan. 18.
Jandasek, Joseph, Detroit, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Turbo transmission. 2,341,921; Feb. 15.
Jandasek, Joseph, assignor to Bendix Aviation Corporation, Detroit, Mich. Transmission. 2,343,509; Mar. 7.
Jandasek, Joseph, assignor to Bendix Aviation Corporation, Detroit, Mich. Fluid drive. 2,344,248; Mar. 14.
Jandasek, Joseph, Detroit, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Turbo transmission. 2,345,752; Apr. 4.
Jandasek, Joseph, Detroit, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Turbotransmission. 2,349,350; May 23.
Jandasek, Joseph, Detroit, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Turbotransmission. 2,351,516; June 13.
Jandasek, Joseph, Detroit, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Turbotransmission. 2,351,517; June 13.
Jandasek, Joseph, Detroit, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Turbo transmission. 2,352,482; June 27.
Jandasek, Joseph, Detroit, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Turbo transmission. 2,352,483; Jne 27.
Jandasek, Joseph, Detroit, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Turbotransmission. 2,354,596; July 25.
Jandasek, Joseph, Detroit, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Turbotransmission. 2,354,597; July 25.
Jandasek, Joseph, Detroit, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Turbo transmission. 2,360,234; Oct. 10.
Jandasek, Joseph, Detroit, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Transmission. 2,361,104; Oct. 24.
Jandasek, Joseph, Detroit, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Transmission. 2,361,105; Oct. 24.
Jandasek, Joseph, Detroit, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Turbotransmission. 2,363,731; Nov. 28.
Jankasek, Joseph, Detroit, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Turbotransmission. 2,364,448; Dec. 5.
Jandasek, Joseph, Detroit, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Transmission. 2,365,879; Dec. 26.
Janes, Clinton S., Elmira Heights, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Electromagnetic brake. 2,353,900; July 18.
Janes, Edmund D. (See Hueister, O. J., and Janes.)
Janes, Russell G., La Grange, Ill., assignor to General Motors Corporation, Detroit, Mich. Prime mover control system. 2,365,412; Dec. 19.
Janigian, Kalousd, Brighton, assignor of forty per cent to O. Moradian, Detroit, Mich. Window construction. 2,344,877; Mar. 21.
Janiszewski, Tadeusz, New York, N. Y. Basic joint and bar for building structures. 2,353,030; July 4.
Janke, Albert C. (See Haas, F. S., Graves, and Janke.)
Janke, Erle G. (See Stannard, J. H., and Janke.)
Janke, Ewald P., Charles City, Iowa, assignor to J. I. Case Company, Racine, Wis. Plow. 2,364,367; Dec. 5.
Janke, Sigmund, Luscar, Alberta, Canada. Sprayer. 2,342,940; Feb. 29.
Janney, Laurence A., trustee. (See de Golyer, Anthony G., assignor.)
Janosky, William J., Chesterton, Ind. Burner. 2,340,389; Feb. 1.
Janotta, Marie M. (See Kay, William H., assignor.)

Janovsky, Rudolph, Berwyn, assignor to Wilson-Jones Company, Chicago, Ill. Paper fastener. 2,343,413; Mar. 7.
Jany, José, Sao Paulo, Brazil. Apparatus for the filming of X-ray images. 2,360,136; Oct. 10.
Jansen, Astrid J., Merrick, N. Y. Lock joint. 2,362,902; Nov. 14.
Jansen, Howard, Portland, Oreg. Disuniting ski bindings. 2,338,249; Jan. 4.
Jansen, Karl, Mannheim, Germany; vested in the Alien Property Custodian. Cutterhead for milling machines. 2,345,060; Mar. 28.
Jansen, Max P. J. M., Amsterdam, Netherlands; vested in the Alien Property Custodian. Separation of yeast from yeast suspensions. 2,351,970; June 20.
Jansky, Charles G. (See Booty, Philip C. P., assignor.)
Jansson, Gustav E., North Quincy, Mass., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Electric circuit breaker. 2,365,082; Dec. 12.
Jansson, Sven A., Stockholm, Sweden. Electric-remote control system. 2,351,684; June 20.
Jantek, Frank, and G. G. Lloyd, Pittsburgh, Pa. Soaking pit cover and making same. 2,359,113; Sept. 26.
Jantzen Knitting Mills. (See Scriggins, Edwin P., assignor.)
Janz, Clarence R., Milwaukee, Wis. Electric lighting set. 2,354,598; July 25.
Janzich, Eduardo, Montevideo, Uruguay. Fuel economizer. 2,362,558; Nov. 14.
Jappe, Kurt W. (See Stuart, J., II, Jappe, and Smith.)
Jaquith, George D., and K. N. Elliott, Minneapolis, Minn., assignors to Eureka Vacuum Cleaner Company, Detroit, Mich. Vacuum cleaner construction. 2,363,002; Nov. 21.
Jarmus, Joseph M. (See Plechner, W. W., and Jarmus.)
Järnåker, Johan J., Hedemora, Sweden. Fluid pressure machine. 2,364,368; Dec. 5.
Jarosz, Albert W., Detroit, Mich. Micrometer height gauge. 2,344,878; Mar. 21.
Jarrell, Lemuel P., Huntington Park, Calif. Toolholder for metal planers. 2,347,323; Apr. 25.
Jarrell, Lemuel P., Huntington Park, Calif. Compound toolholder for planers. 2,360,883; Oct. 17.
Jarrett, Eddie C., West Los Angeles, Calif. Belt adjuster. 2,341,992; Feb. 15.
Jarrett, Eddie C., Fillmore, Calif. Mechanical hand for artificial arms. 2,347,909; May 2.
Jarrett, Henry U., Palestine, assignor of one-half to W. O. Whiteside, Longview, Tex. Obtaining and measuring gaseous samples. 2,351,764; June 20.
Jarrett, Tracy C. (See Wrighton, W. J., and Jarrett.)
Jarrett, Tracy C., assignor to American Optical Company, Southbridge, Mass. Gold-filled wire. 2,365,083; Dec. 12.
Jarvis, Edward P., Los Angeles, Calif. Display rack. 2,349,351; May 23.
Jarvis, Francis G., Los Angeles, assignor, by mesne assignments, to Lockheed Aircraft Corporation, Burbank, Calif. Countersinking tool. 2,359,859; Oct. 10.
Jarvis, Frank L. J. (See Kram, W., and Jarvis.)
Jarvis, Harold R., San Francisco, Calif. Detachable freight carrying device. 2,355,867; Aug. 15.
Jasco, Incorporated. (See Arundale, E., and Mikeska.)
Jasco, Incorporated. (See Ellis, Carleton, assignor.)
Jasco, Incorporated. (See Morway, Arnold J., assignor.)
Jasco, Incorporated. (See Sparks, William J., assignor.)
Jasco, Incorporated. (See Turner, Luther B., assignor.)
Jasco, Incorporated. (See Wright, Donald L., assignor.)
Jasco, Incorporated. (See Jones, M. C. J., and Wells, assignors.)
Jasco, Incorporated. (See Mann, M. D., Jr., and Turner, assignors.)
Jasco, Incorporated. (See Mikeska, L. A., and Arundale, assignors.)
Jasco, Incorporated. (See Robey, R. F., and Wiese, assignors.)
Jasco, Incorporated. (See Sparks, W. J., and Thomas, assignors.)
Jasco, Incorporated, (See Sparks, W. J., Baldeschwielder, and Sommer, assignors.)
Jasco, Incorporated. (See Thomas, R. M., and Sparks, assignors.)
Jaseph, Lawrence F., assignor to Rotary Lift Company, Memphis, Tenn. Elevator control. 2,355,164; Aug. 8.
Jasper Desk Company, The. (See Miller, Linus G., assignor.)
Jasper Foods. (See Eisaman, Roy D., assignor.)
Jasper, Hallie L., assignor to The La Resista Corset Company, Bridgeport, Conn. Foundation garment. 2,366,032; Dec. 26.
Jasper, Thomas M., assignor to A. O. Smith Corporation, Milwaukee, Wis. Multilayer vessel. 2,363,967; Nov. 28.
Jaten, Dudley E., Westwood, N. J. Wrist watch band, bracelet, or similar article. 2,338,332; Jan. 4.
Jauch, Christian, assignor to W. L. Gilbert Clock Corporation, Winsted, Conn. Clock. 2,345,260; Mar. 28.
Jauch, Robert J., and F. W. Sturm, assignors to The Wayne Pump Company, Fort Wayne, Ind. Airport fueling mechanism. 2,362,559; Nov. 14.
Jaume, Michael, New York, N. Y. Razor blade sharpening holder. 2,349,734; May 23.
Javal, Henri L., Vichy, France; vested in the Alien Property Custodian. Explosion and internal-combustion engine. 2,349,967; May 30.
Jayne, Bennett, Richmond Hill, assignor of one-half to D. Calderazzo, Dolgeville, N. Y. Shoe. 2,348,628; May 9.
Jayne, David W., Jr. (See Christmann, L. J., Jayne, and Erickson.)
Jayne, David W., Jr., Old Greenwich, and H. M. Day, Cos Cob, Conn., assignors to American Cyanamid Company, New York, N. Y. Preparing melamine. 2,341,180; Feb. 8.
Jayne, David W., Jr., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Rosin and abietic acid salts of a guanidine as a mothproofer. 2,347,688; May 2.
Jayne, David W., Jr., Old Greenwich, and H. M. Day, Cos Cob, Conn., assignors to American Cyanamid Company, New York, N. Y. Producing amine alcohol esters. 2,355,442; Aug. 8.
Jayne, David W., Jr., Old Greenwich, H. M. Day, Cos Cob, Conn., and S. E. Erickson, Calumet, Minn., assignors to American Cyanamid Company, New York, N. Y. Beneficiation of acidic minerals. 2,362,276; Nov. 7.
Jayne, David W., Jr., Old Greenwich, H. M. Day, Cos Cob, and E. W. Gieseke, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Beneficiation of acidic minerals. 2,365,084; Dec. 12.
Jde, Hans, Falkenbery, near Grunau, Germany; vested in the Alien Property Custodian. Supercharger-regulator for airplane cabins. 2,350,896; June 6.
Jean, James W., Altadena, Calif. Catalytic hydrocarbon reactions and catalysts therefor. 2,355,868; Aug. 15.
Jeans, Arthur F., London, England, assignor to The Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Apparatus for controlling the load on an X-ray tube. 2,365,554; Dec. 19.
Jebens, Gustav A., R. H. Snell, R. L. Heath, G. A. Fisher, Jr., D. R. Scott, and G. H. Mouw, Jr., Indianapolis, Ind., assignors to General Motors Corporation, Detroit, Mich. Testing materials for surface defects. 2,359,114; Sept. 26.
Jeckel, Norman C., Glens Falls, N. Y., assignor to United States Catheter & Instrument Corp. Method of and apparatus for braiding. 2,354,212; July 25.
Jedele, Alfred. (See Burkhardt, M., Czapp, and Jedele.)
Jeffers, Thomas H. (See Jackson, W. F., and Jeffers.)
Jeffers, Thomas H., assignor to Grayson Heat Control, Ltd., Lynwood, Calif. Safety control for gaseous fuel burners. 2,362,011; Nov. 7.
Jefferson Electric Company. (See Grout, Martin B., assignor.)
Jefferson Electric Company. (See Mauerer, Leopold, assignor.)
Jefferson Electric Company. (See Rickmeyer, Ernst W., assignor.)
Jefferson Electric Company. (See Flick, A. A., Jr., and Grout, assignors.)
Jeffery, Benjamin A., Clarkston, Mich., assignor of one-half to S. H. Lilly, Toledo, Ohio. Reducing ores and forming sponge metals and alloys. 2,351,765; June 20.
Jeffery, Joseph A., Detroit, Mich., assignor to Champion Spark Plug Company, Toledo, Ohio. Effective seal between center electrode and insulator of spark plugs. 2,351,128. June 13.
Jeffery, Joseph A., Detroit, Mich., assignor to Champion Spark Plug Company, Toledo, Ohio. Sealing spark plug electrodes in ceramic insulators. 2,355,443; Aug. 8.
Jeffrey, Florence H. C., executrix. (See Jeffrey, Robert K.)
Jeffrey Manufacturing Company, The. (See Beltz, John S., assignor.)
Jeffrey Manufacturing Company, The. (See Corbin, Eber P., assignor.)
Jeffrey Manufacturing Company, The. (See Feight, Oscar J., assignor.)
Jeffrey Manufacturing Company, The. (See Fowler, John T., assignor.)
Jeffrey Manufacturing Company, The. (See Jeffrey, Robert K., assignor.)
Jeffrey Manufacturing Company, The. (See Lattig, Charles I., assignor.)
Jeffrey Manufacturing Company, The. (See Lemmon, Alexis W., assignor.)
Jeffrey Manufacturing Company, The. (See Levin, Nils D., assignor.)
Jeffrey Manufacturing Company, The. (See Patterson, Harry R., assignor.)
Jeffrey Manufacturing Company, The. (See Stevenson, Robert W., assignor.)
Jeffrey Manufacturing Company, The. (See Tolman, Samuel L., assignor.)
Jeffrey Manufacturing Company, The. (See Wright, Fred J., assignor.)
Jeffrey Manufacturing Company, The. (See Jeffrey, R. K., and Mitchell, assignors.)
Jeffrey Manufacturing Company, The. (See Lemmon, A. W., and Landahl, assignors.)
Jeffrey Manufacturing Company, The. (See Medley, Harold C., assignor.)

Jeffrey, Robert K., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Vehicle. 2,357,742; Sept. 5.

Jeffrey, Robert K., deceased, by F. H. C. Jeffrey, Bexley, Ohio, executrix, assignor to The Jeffrey Manufacturing Company. Mechanism for removing cuttings from the kerf cutter of mining machines. 2,359,422; Oct. 3.

Jeffrey, Robert K., and L. E. Mitchell, deceased, by R. D. Nichols, administrator, Columbus, Ohio, assignors to The Jeffrey Manufacturing Company. Mining machine. 2,340,533; Feb. 1.

Jeffries, Hugh, Los Angeles, Calif. Retractile float and landing gear for seaplanes. 2,361,293; Oct. 24.

Jeffries, Samuel L., Gaffney, S. C. Impression tray. 2,352,545; June 27.

Jelenko, J. F., & Co. Inc. (See Yarusa, Harry G., assignor.)

Jelfs, Robert E., assignor to Automotive Products Company Limited, London, England. Motor control system. 2,340,534; Feb. 1.

Jelinek, Benjamin. (See Clark, W. F., and Jelinek.)

Jelley, Edwin E., and H. C. Staehle, assignors to Eastman Kodak Company, Rochester, N. Y. Diffusing screen. 2,364,369; Dec. 5.

Jelley, Edwin E., and P. W. Vittum, assignors to Eastman Kodak Company, Rochester, N. Y. Photographic screening layer. 2,350,764; June 6.

Jelley, Edwin E., and W. J. Weyerts, assignors to Eastman Kodak Company, Rochester, N. Y. Treatment of gelatin. 2,341,381; Feb. 8.

Jellis, Morgan, Peterborough, assignor to Coventry Gauge & Tool Company Limited, Coventry, England. Forming and dressing grinding wheels. 2,350,897; June 6.

Jellis, Morgan, Peterborough, assignor to Coventry Gauge & Tool Company Limited, Fletchamstead, England. Grinding machine. 2,360,235; Oct. 10.

Jenckes, Manville, Corporation. (See Costa, J. L., and Kahler, assignors.)

Jendrassik, George, Budapest, Hungary; vested in the Alien Property Custodian. Rotary engine, mainly gas turbine. 2,354,213; July 25.

Jendrassik, George, Budapest, Hungary; vested in the Alien Property Custodian. Heat exchanger for gas turbines. 2,361,691; Oct. 31.

Jendresen, Otto, Milton, assignor to The Parker Pen Company, Janesville, Wis. Apparatus for tipping metal bases with metal tips. 2,339,079; Jan. 11.

Jenemann, Joseph A., Drexel Hill, Pa., and E. B. Hollis, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of sulphuric acid. 2,344,616; Mar. 21.

Jenkins, Alexander. (See Thompson, L. E., and Jenkins.)

Jenkins, Alexander F., Baltimore, Md. Valve. 2,343,146; Feb. 29.

Jenkins, Alexander F., Baltimore, Md. Torch tip. 2,363,250; Nov. 21.

Jenkins, Alexander F., Baltimore, Md. Fluid pressure regulator. 2,348,388; May 9.

Jenkins Bros. (See Gora, Henry Z., assignor.)

Jenkins Bros. (See Watson, Frank H., assignor.)

Jenkins, Cecil. (See Woolslayer, H. J., Campbell, and Jenkins.)

Jenkins, Clifford H., Seattle, Wash. Screw type fastener. 2,336,333; Jan. 4.

Jenkins, Fred F., Lynwood, Calif., assignor to American Pipe and Construction Co. Pipe and making same. 2,348,477; May 9.

Jenkins, George O., Company. (See Richter, Herman W., assignor.)

Jenkins, Gordon L. (See Miller, S. H., Jenkins, and McGuire.)

Jenkins, Graham C., Port Elizabeth, Cape of Good Hope, Union of South Africa. Air drag landing anchor device for aircraft. 2,363,732; Nov. 28.

Jenkins, Henry G. (See Cates, J., Jenkins, and Noble.)

Jenkins, John D., Forest Hills, assignor to The Pittsburgh Plate Glass Company, Allegheny County, Pa. Solvent extraction of oils and acids. 2,352,546; June 27.

Jenkins, John D., Milwaukee, Wis., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Refining of tall oil. 2,352,547; June 27.

Jenkins, John D., Milwaukee, Wis., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Separation of tall oil into its constituents. 2,354,812; Aug. 1.

Jenkins, Paul W., assignor to H. H. Robertson Company, Pittsburgh, Pa. Building material. 2,340,535; Feb. 1.

Jenkins, Robert W., Yonges Island, S. C. Automatic erratic fish lure. 2,357,472; Sept. 5.

Jenkins, Russell L., Anniston, Ala., assignor to Monsanto Chemical Company, St. Louis, Mo. Production of chlorinated diphenyl compounds. 2,354,813; Aug. 1.

Jenkins, Russell L., Anniston, Ala., assignor to Monsanto Chemical Company, St. Louis, Mo. Hydrogenated liquid hydrocarbons. 2,364,719; Dec. 12.

Jenkins, Vance N., Palos Verdes Estates, and C. E. Wilson, San Pedro, assignors to Union Oil Company, Los Angeles, Calif. Soap manufacture. 2,361,547; Oct. 31.

Jennees, Langdon M., Chicago, Ill. Ventilator apparatus. 2,355,536; Aug. 8.

Jennings, Charles H. (See White, A. B., and Jennings.)

Jennings, Charles H., Forest Hills, and A. B. White, Murrysville, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Arc-stabilising circuits. 2,362,332; Nov. 21.

Jennings, Freeland L., Meriden, Conn. Dual oil burner apparatus. 2,358,809; Sept. 26.

Jennings, Gerald P., Bartlesville, Okla., assignor to Phillips Petroleum Company. Apparatus for controlling the relative rate of flow in pipe-line loops. 2,361,478; Oct. 31.

Jennings, Harley Y., F. W. Schouman, and W. F. Swezey, assignors to Copeman Laboratories Company, Flint, Mich. Refrigeration. 2,342,670; Feb. 29.

Jennings, Harley Y., assignor to Copeman Laboratories Company, Flint, Mich. Plant watering apparatus. 2,346,029; Apr. 4.

Jennings, Harley Y., Clio, and J. A. Gillen, assignors to Copeman Laboratories Company, Flint, Mich. Diaphragm and method of forming same. 2,348,740; May 16.

Jennings, Irving C., South Norwalk, Conn. Hydroturbine pump. 2,364,370; Dec. 5.

Jennings, James V., Yonkers, N. Y. Micromatic precision tool holder. 2,360,137; Oct. 10.

Jennings, O. D., & Company. (See Jennings, O. D., and Mihalek, assignors.)

Jennings, Ode D., and E. Mihalek, assignors to O. D. Jennings & Company, Chicago, Ill. Vending machine. 2,351,432; June 13.

Jennings, Oliver S., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,360,684; Oct. 17.

Jennings, Victor H., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Resetting mechanism for weft replenishing looms. 2,345,341; Mar. 28.

Jennings, Victor H., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Bobbin selector mechanism for weft replenishing looms. 2,364,978; Dec. 12.

Jennings, Victor H., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Bobbin selector for weft replenishing looms. 2,363,593; Nov. 28.

Jennings, Victor H., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Repeater for weft replenishing looms. 2,363,594; Nov. 28.

Jennings, Victor H., and W. H. Wakefield, assignors to Crompton & Knowles Loom Works, Worcester, Mass. Bobbin stack selector. 2,364,979; Dec. 12.

Jennings, William A., Des Moines, Iowa. Concrete form unit. 2,341,993; Feb. 15.

Jennings, William H., Berwyn, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for charging extrusion apparatus cylinders. 2,346,309; Apr. 11.

Jens, Albert A. (See Williams, H. O., and Jens.)

Jens, Albert A., assignor to Edward E. Johnson, Incorporated, St. Paul, Minn. Complete well screen. 2,341,783; Feb. 15.

Jensen, Adolph, New York, N. Y. Holding device. 2,345,061; Mar. 28

Jensen, Arthur. (See Yerrick, W. D., Holm, and Jensen.)

Jensen, Charles A., Inglewood, Calif. Repairing and for preventing cracks in metal castings. 2,361,106; Oct. 24.

Jensen, Charles A., Inglewood, Calif. Installing and retaining valve seat inserts. 2,363,673; Nov. 28.

Jensen, Ernest P., Belle, W. Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Azeotropic distillation. 2,360,685; Oct. 17.

Jensen, Henry E., Camden, N. J., assignor to Philco Corporation. Explosion-proof battery. 2,341,382; Feb. 8.

Jensen, James A., Philadelphia, Pa., assignor to C. E. Frick, J. R. McCoy, J. H. Jenson, J. A. Jenson, E. F. Davis, executor and ancillary executor under the will of G. M. Heller, deceased, G. B. and C. E. Frick, Jr., G. D. Whyte, and F. J. Stackpole, co-partners trading under the name of Philadelphia Valve Company, Philadelphia, Pa. Hose reel. 2,346,092; May 9.

Jensen, James A., deceased, assignor to C. E. Frick, J. R. McCoy, J. H. Jensen, J. A. Jensen, E. F. Davis, executor and ancillary executor, G. B. Frick, C. E. Frick, Jr., G. D. Whyte, and F. J. Stackpole, co-partners as their interest may appear therein, trading under the name of Philadelphia Valve Company, Philadelphia, Pa. Refueling nozzle. 2,357,657; Sept. 5.

Jensen, John, assignor to Whitney Metal Tool Company, Rockford, Ill. Squaring shears. 2,339,641; Jan. 18.

Jensen, John H., et al. (See Jensen, James A., assignor.)

Jensen, Lloyd B., and W. R. Hess, assignors to Industrial Patents Corporation. Chicago, Ill. Canning meat products. 2,362,441; Nov. 14.

Jensen, Louie C., Racine, Wis. Shoe holder. 2,357,656; Sept. 5.

Jensen, Otto, Malvern, assignor to L T. E. Circuit Breaker Company, Philadelphia, Pa. Air blast arc chute. 2,353,729; July 18.

Jensen, Otto, Glenside, assignor to L. T. E. Circuit Breaker Company, Philadelphia, Pa. Circuit breaker operating mechanism. 2,355,075; Aug. 8.

Jensen, Otto M., assignor to Peerless Machine Company, Racine, Wis. Power-driven hack saw machine. 2,345,261; Mar. 28.

Jensen Radio Manufacturing Company. (See Salmon, Vincent, assignor.)

Jensen, Soren K., Wichitan, Kans. Hot air cleaner and steriliser for cream containers. 2,346,310; Apr. 11.

Jensen, William, Delavan, assignor to J. Burbridge, Kenosha, Wis. Drill container. 2,351,815; June 20.

Jenson, John H., et al. (See Jensen, James A., assignor.)

Jeppson, George N., and T. Larsson, assignors to Norton Company, Worcester, Mass. Segmental abrasive wheel. Re. 22,497; Mar. 14.

Jeppson, George N., Brookfield, and M. F. Beecher, Holden, assignors to Norton Company, Worcester, Mass. Vitrified grinding wheel. 2,351,433. June 13.

Jepsen, Erik, Cincinnati, Ohio. Weed killing implement. 2,355,732; Aug. 15.

Jepson, Ivar. (See Wright, H. C., and Jepson.)

Jepson, Ivar, assignor to Chicago Flexible Shaft Company, Chicago, Ill. Electric cooking appliance. 2,342,077; Feb. 15.

Jepson, Ivar, assignor to Chicago Flexible Shaft Company, Chicago, Ill. Dry shaver. 2,345,263; Mar. 28.

Jepson, Ivar, assignor to Chicago Flexible Shaft Company, Chicago, Ill. Coffee maker. 2,345,264; Mar. 28.

Jepson, Ivar, assignor to Chicago Flexible Shaft Company, Chicago, Ill. Hose nozzle. 2,358,515; Sept. 19.

Jepson, Ivar, Chicago, and E. Bylund, Genoa, assignors to Chicago Flexible Shaft Company, Chicago, Ill. Filter assembly for coffee makers. 2,345,265; Mar. 28.

Jepson, Ivar, L. J. Koci and E. Bylund, assignors to Chicago Flexible Shaft Company, Chicago, Ill. Filter assembly for coffee makers. 2,345,262; Mar. 28.

Jerabek, Theophil H. (See Lincoln, J. F., and Jerabek.)

Jerguson, Philip A. (See Winton, Lewis B., assignor.)

Jeri, Andrew, Company. (See Jeri, Andrew, assignor.)

Jeri, Andrew, Brooklyn, assignor to Andrew Jeri Company, Inc., New York, N. Y. Applying temporary protective coatings. 2,365,705; Dec. 26.

Jerman, George C., assignor to V. E. and A. Sprouse, Columbus, Ind., doing business as V. E. Sprouse Company. Safety hose clamp. 2,355,165; Aug. 8.

Jernstedt, George W., Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Corrosion resistant coating for metal surfaces. 2,342,738; Feb. 29.

Jerome, Arthur L., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Coded track circuit. 2,354,024; July 18.

Jerome, Arthur L., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Coded railway signaling apparatus. 2,357,235; Aug. 29.

Jerome, Arthur L., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Normally deenergised coded signaling system. 2,360,948; Oct. 24.

Jerome, Arthur L., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrical control apparatus. 2,365,641; Dec. 19.

Jersey Cigar Machines, Inc. (See Giles, Joseph W. and W. J., assignors.)

Jesionowski, John, Hartford, Conn. Sine vise. 2,347,111; Apr. 18.

Jesionowski, John, Hartford, Conn. Work holder. 2,356,591; Aug. 22.

Jesionowski, Raymond S. (See Bailey, J., and Jesinowsky.)

Jessen, Frank W., and J. L. Battle, Houston, Tex., assignors to Standard Oil Development Company. Use of pecan hulls for treating muds. 2,351,434; June 13.

Jessen, Le Roy S., March Field, Calif. Device for moving aircraft. 2,348,741; May 16.

Jestico, Edward B., Coventry, England. Tool for performing internal machining operations at an angle to the axis of bores or tubular members. 2,339,171; Jan. 11.

Jeter, Lyle. (See Scoles, T. R., Higgins, and Jeter.)

Jett, Theodore W. (See Allred, Ernest, assignor.)

Jetter, Cyrus C., Grand Rapids, Mich. Pump. 2,350,898; June 6.

Jeuck, Francis J., Chicago, and C. A. Rietz, Park Ridge, Ill., assignors to Interchemical Corporation, New York, N. Y. Typographic printing ink. 2,346,968; Apr. 18.

Jeuck, Francis J., Chicago, and C. A. Rietz, Park Ridge, Ill., assignors to Interchemical Corporation, New York, N. Y. Printing ink. 2,346,969; Apr. 18.

Jewell, Richard G., Swampscott, Mass., assignor to General Electric Company. Telemetering receiver. 2,345,936; Apr. 4.

Jewett, Clifford L., Minneapolis, assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Granular material and making the same. 2,362,489; Nov. 14.

Jimerson, Francis A., Athens, Pa., assignor to Ingersoll-Rand Company, New York, N. Y. Safety device. 2,364,980; Dec. 12.

Jimerson, Francis A., and H. C. Reynolds, Athens, Pa., assignors to Ingersoll-Rand Company, New York, N. Y. Portable cutting tool. 2,342,062; Feb. 15.

Jimmes, Earl F. P., Milwaukee, Wis. Motor vehicle top carrier. 2,357,203; Aug. 29.

Jira, Joseph W., Newburgh Heights, Ohio, assignor to Continental Carbon, Inc. Protective coating for resistors. 2,357,473; Sept. 5.

Jires, Laddie J., Baltimore, Md. Wrench. 2,353,901; July 18.

Jirsak, Wilhelm, and O. Falk, Breslau, Germany; vested in the Alien Property Custodian. Track chain vehicle. 2,338,436; Jan. 4.

Joa, Curt G., Inc. (See Joa, Curt G., assignor.)

Joa, Curt G., assignor to C. G. Joa, Inc., Sheboygan Falls, Wis. Feed for woodworking machines. 2,345,937; Apr. 4.

Joachim, Hans S., London, England. Automatic control for torpedoes. 2,362,827; Nov. 14.

Job, Arthur. Providence, R. I., assignor to Sils Corporation. Spinning flax and similar fibers. 2,346,585; Apr. 11.

Jobe, Frederick W., Brighton, and H. W. Trost, assignors to Bausch & Lomb Optical Company, Rochester, N. Y. Eye testing apparatus. 2,364,793; Dec. 12.

Jobert, Arthur H., and J. J. Taravella, assignors to The New Britain Machine Company, New Britain, Conn. Cross-slide mechanism. 2,352,548; June 27.

Jochums, Benjamin, Kewanee, Ill. Ventilator. 2,358,398; Sept. 19.

Jockel, Rudolph, Chicago, Ill., assignors to Titan Abrasives Company. Anchor stud for abrasive wheels. 2,351,129; June 13.

Joel, Amos E., Jr., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,351,766; June 20.

Joel, Amos E., Jr., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Automatic telephone system. 2,364,146; Dec. 5.

Joesting, Frederick D., Oak Park, Ill., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Pneumatic control device. 2,350,615; June 6.

Joesting, Frederick D., Oak Park, Ill., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Thermostat. 2,354,814; Aug. 1.

Joesting, Frederick D., Chicago, Ill., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Condition responsive device. 2,363,595; Nov. 28.

Joffe, Julian A. (See Joffe, Sarah F. and J. A.)

Joffe, Julian A., Mount Vernon, N. Y. Icing. 2,353,307; July 11.

Joffe, Sarah F. and J. A., Mount Vernon, N. Y. Icing. 2,353,308; July 11.

Joffo, David P., New York, N. Y. Identification device. 2,361,479; Oct. 31.

Joffo, David P., New York, N. Y. Illuminating device. 2,361,480; Oct. 31.

Johansen, Einar K. (See Glasner, R. W., and Johansen.)

Johansen, Harry C., Michigan City, Ind., assignor to Sullivan Machinery Company. Rotary drilling apparatus. 2,364,850; Dec. 12.

Johansen, Harry C., Michigan City, Ind., assignor to Sullivan Machinery Company. Collapsible support. 2,364,851; Dec. 12.

Johanson, Herman, Brookline, assignor to Albert & J. M. Anderson Manufacturing Company, South Boston, Mass. Cable clamping means. 2,355,166; Aug. 8.

Johanson, Johanna M., Concord, Mass. Invalid's footrest and exerciser. 2,340,666; Feb. 1.

Johanson, Sten. (See Kende, G., and Johanson.)

Johanson, Sten. (See Kende, G., Ellson, and Johanson.)

Johanson, Sven, and N. Walker, Manchester, N. H., assignors to International Cigar Machinery Company. Safety device for cigar-making machines. 2,357,659; Sept. 5.

Johansson, Sven G. (See Criat, P. W., and Johansson.)

Johansson, Sven G., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Combined testing and working fixture. 2,365,273; Dec. 19.

Johansson, Artur G. (See Blomberg, K. H., Broomé, Dahlgren, Johansson, and Lundholm.)

John, Henry, Sharon Pa., assignor to Carnegie–Illinois Steel Corporation. Die for punch presses and the like. 2,363,596; Nov. 28.

John, Walter, Gottingen, and P. Günther, Kassel, Germany, assignors to Merck & Co., Inc., Rahway, N. J. Chromanes and their production. 2,345,605; Apr. 4.

John, William E., Williamsport, Pa., assignor to The Aviation Corporation, New York, N. Y. Producing fillets in hollow steel propeller blades. 2,341,784; Feb. 15.

Johndrew, Wilbur. (See Speller, Thomas H., assignor.)

Johndrew, Wilbur, Buffalo, N. Y. Automatic thickness compensator for riveting machines. 2,353,471; July 11.

Johns, Francis J., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Motor protective device. 2,338,515; Jan. 4.

Johns, Harry F., Kansas City, Mo., assignor to V. V. Johns. Renewable fuse plug. 2,351,816; June 20.

Johns, Henry S., Cleveland Heights, Ohio. Record filing apparatus. 2,345,673; Apr. 4.

Johns, Henry S. and W. H., Cleveland Heights, Ohio. Conveying apparatus. 2,365,762; Dec. 26.

Johns-Manville Corporation. (See Bruce, Donald S., assignor.)

Johns-Manville Corporation. (See Bruce, D. S., and Halstead, assignors.)

Johns-Manville Corporation. (See Burnett, Clinton B., assignor.)

Johns-Manville Corporation. (See Coss, Harold T., assignor.)

Johns-Manville Corporation. (See Coss, H. T., Hawthorne, and Zettel.)

Johns-Manville Corporation. (See Coss, H. T., MacAlpine, and Hawthorne, assignors.)
Johns-Manville Corporation. (See Cummins, Arthur B., assignor.)
Johns-Manville Corporation, et al. (See Cummings, J. D., and Crose, assignors.)
Johns-Manville Corporation. (See Dinkfeld, A. M., and Pond, assignors.)
Johns-Manville Corporation. (See Donahue, William T., assignor.)
Johns-Manville Corporation. (See Driscoll, J., and De Witt, assignors.)
Johns-Manville Corporation. (See Lucius, William I., assignor.)
Johns-Manville Corporation. (See Miles, W. S., and Voigt, assignors.)
Johns-Manville Corporation. (See Neesen, Gerald W., assignor.)
Johns-Manville Corporation. (See Patten, C. M., and Bryant, Jr., assignors.)
Johns-Manville Corporation. (See Pearce, Gale T., assignor.)
Johns-Manville Corporation. (See Pretot, Armand V., assignor.)
Johns-Manville Corporation. (See Vieweg, H. F., Cummins, and Pond, assignors.)
Johns-Manville Corporation. (See Zettel, Joseph H., assignor.)
Johns, Raphael C., Melrose, Mass., assignor to The Celastic Corporation, Wilmington, Del. Stiffening portions of the uppers of shoes. 2,339,485; Jan. 18.
Johns, Robert I., Brooklyn, N. Y. Portable lamp. 2,350,462; June 6.
Johns, Velma V. (See Johns, Harry F., assignor.)
Johns, William H. (See Johns, Henry S. and W. H.)
Johnsen, Birger, Sandnes, near Stavanger, Norway; vested in the Alien Property Custodian. Opening tins and other containers. 2,351,971; June 20.
Johnsen, Henry, Notodden, Norway; vested in the Alien Property Custodian. Production of salts by base-exchanging substances. 2,344,617; Mar. 21.
Johnsen, John. (See Borgerd, W. F., Johnsen, and Rinkel.)
Johnson, Albert A., New York, N. Y. Self air conditioning bulk commodity railway car. 2,360,686; Oct. 17.
Johnson, Albert L., White Bear Lake, assignor to Johnson Power-On Transmission Corporation, St. Paul, Minn. Transmission. 2,348,980; May 16.
Johnson, Alexander P., assignor to Focal Company, Downey, Calif. Signaling device. 2,360,138; Oct. 10.
Johnson, Alfred C., Santa Clara, Calif. Multiple piston engine. 2,355,379; Aug. 8.
Johnson, Alfred G., Seattle, Wash. Scissors holder for aprons. 2,363,065; Nov. 21.
Johnson, Archie R., Brandon, Vt., assignor, by mesne assignments, to Xylon Closure Corporation, New York, N. Y. Milling-machine. 2,338,116; Jan. 4.
Johnson, Arnold E. W. (See Raney, C. R., and Johnson.)
Johnson, Arnold E. W., Oak Park, Ill., assignor to International Harvester Company. Tractor-mounted implement. 2,341,181; Feb. 8.
Johnson, Arnold E. W., Chicago, Ill., and L. H. Kaupke, Auburn, N. Y., assignors to International Harvester Company. Digger. 2,351,518; June 13.
Johnson, Arthur A., Bridgeport, Conn., assignor to Autographic Register Company, Hoboken, N. J. Manifolding. 2,353,902; July 18.
Johnson, Arthur A., assignor to Automatic Devices Corporation, Bridgeport, Conn. Cigar lighter. 2,363,674; Nov. 28.
Johnson, Arthur B., Cleveland Heights, assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Tube bending machine. 2,357,006; Aug. 29.
Johnson, Arthur L., Oak Park, assignor to Johnson Chair Co., Chicago, Ill. Chair. 2,359,918; Oct. 10.
Johnson, Arthur W. N., Garberville, Calif. Expansible chuck. 2,348,819; May 16.
Johnson, Ava J. (See Shiras, R. N., and Johnson.)
Johnson, Bror, Alsten, Sweden, and T. Fenwick, Heston, England, assignors to Aktiebolaget Gerh, Arehns Mekaniska Verkstad, Stockholm, Sweden. Apparatus for sealing collapsible tubes. 2,341,554; Feb. 15.
Johnson, C. S., Company, The. (See Johnson, Charles H., assignor.)
Johnson, C. S., Company, The. (See Lichtenberg, Eric H., assignor.)
Johnson, C. S., Company, The. (See Martinson, Edwin O., assignor.)
Johnson, Carl A., Springfield, Mass. Testing device. 2,339,571; Jan. 18.
Johnson, Carl A., Fort Worth, Tex. Ice hoisting apparatus. 2,354,462; July 25.
Johnson, Carl E., St. Paul, assignor, by mesne assignments, to Mark Hurd Manufacturing Corporation, Minneapolis, Minn. Shutter mechanism for cameras. 2,359,116; Sept. 26.
Johnson, Carl E., San Marino, and E. Mendenhall, San Gabriel, assignors to Sterling Electric Motors, Inc., Los Angeles, Calif. Open type variable-speed transmission. 2,341,786; Feb. 15.
Johnson, Carl E., San Marino, and E. Mendenhall, San Gabriel, assignors to Sterling Electric Motors, Inc., Los Angeles, Calif. Enclosed variable-speed transmission. 2,342,941; Feb. 29.
Johnson, Carl E. T., assignor to Jamestown Steel Partitions, Inc., Jamestown, N. Y. Metal partition. 2,360,500; Oct. 17.
Johnson, Carl G., Chicago, Ill., assignor to J. P. Seeburg Corporation. Automatic phonograph. 2,351,972; June 20.
Johnson, Carl W., Phoenix, Ariz. Can opener. 2,364,219; Dec. 5.
Johnson Chair Co. (See Johnson, Arthur L., assignor.)
Johnson, Charles A., and G. B. Buys, Flint, Mich.; said Johnson assignor to said Buys. Pipe cleaning device. 2,355,733; Aug. 15.
Johnson, Charles C., assignor to Latimer Laboratory, Inc., New York, N. Y. Therapeutic composition. 2,356,062; Aug. 15.
Johnson, Charles D. (See Marschner, C. F., and Johnson.)
Johnson, Charles D., assignor to Johnson Steel & Wire Company, Inc., Worcester, Mass. Wire drawing. 2,362,073; Nov. 7.
Johnson, Charles E. (See Kress, O., and Johnson.)
Johnson, Charles E., North Muskegon, Mich. Self-locking valve tappet. 2,347,910; May 2.
Johnson, Charles E., Muskegon, Mich. Self locking valve tappet screw. 2,361,107; Oct. 24.
Johnson, Charles H., assignor to The C. S. Johnson Company, Champaign, Ill. Mixing plant. 2,352,202; June 27.
Johnson, Charles R., Glenn Mills, Pa., W. S. Pilcher, Woodbury, and C. B. Stanley, Paulsboro, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. End closure for explosive cartridges. 2,352,549; June 27.
Johnson, Clarence, Cleveland Heights, Ohio, assignor to Bailey Meter Company. Gas analyzer. 2,358,285; Sept. 12.
Johnson, Clarence L., Burbank, Calif. Angle of attack indicator. 2,352,955; July 4.
Johnson, Clarence M., Dunellen, assignor of one-half to M. E. Davis, Plainfield, N. J. Combined ocular and mathematical computation device. 2,353,309; July 11.
Johnson, Clarence P., Auburndale, Mass. Sheet pressing machine. 2,356,244; Aug. 22.
Johnson, Clarence V., Yates Center, Kans. Adjustable bed frame. 2,349,172; May 16.
Johnson, Clifford A., La Crosse, Wis. Sign. 2,346,260; Apr. 11.
Johnson Corporation, The. (See Goff, L. D., and Monroe, assignors.)
Johnson, Darrell M., Thomson, Ga. Service and maintenance system. 2,341,787; Feb. 15.
Johnson, David W., New Britain, assignor to The Arrow-Hart & Hegeman Electric Co., Hartford, Conn. Circuit breaker. 2,361,848; Oct. 31.
Johnson, Earl B., Freehold, N. J. Shaving machine. 2,342,808; Feb. 29.
Johnson, Edward B., University City, Mo. Nut lock. 2,360,236; Oct. 10.
Johnson, Edward E. (See Bennison, Ernest W., assignor.)
Johnson, Edward E., Incorporated. (See Jens, Albert A., assignor.)
Johnson, Edward E., Incorporated. (See Williams, H. O., and Jens, assignors.)
Johnson, Edward H., Coventry, assignor to The Keelavite Company Limited, Allesley, Coventry, England. Rotary fluid pressure motor, pump, and the like. 2,344,879; Mar. 21.
Johnson, Edwin H., Dayton, assignor to The Kilgore Mfg. Company, Tipp City, Ohio. Firearm. 2,354,025; July 18.
Johnson, Eldridge R. F., Gladwyne, Pa. Apparatus for underwater photography. 2,358,231; Sept. 12.
Johnson, Elmer E., assignor to H. A. Douglas Mfg. Co., Bronson, Mich. Electric switch. 2,344,249; Mar. 14.
Johnson, Elmer E., assignor to H. A. Douglas Mfg. Co., Bronson, Mich. Electric switch. 2,346,311; Apr. 11.
Johnson, Elmer E., assignor to H. A. Douglas Mfg. Co., Bronson, Mich. Lamp socket unit. 2,357,955; Sept. 12.
Johnson, Ellsworth T. (See Coultas, W. J., and Johnson.)
Johnson, Eric A., assignor to Inland Wire Products Company, Chicago, Ill. Barrel hoop fastener. 2,363,423; Nov. 21.
Johnson, Erik H., Portland, Oreg. Sawhorse. 2,343,557; Mar. 7.
Johnson, Ernest W., Birmingham, assignor of one-half to Vandervell Products Limited, London, England. Shock absorber. 2,358,714; Sept. 19.
Johnson, Ervin G., Eureka, Calif. Telephone-call tally apparatus. 2,342,348; Feb. 22.
Johnson, Ervin G., Eureka, Calif. Writting pad. 2,359,312; Oct. 3.
Johnson, Everett A., Park Ridge, and V. Voorhees, Homewood, assignors to Standard Oil Company, Chicago, Ill. Catalytic conversion process. 2,348,000; May 2.
Johnson, Floyd D., Forest Hills, and R. Hauser, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit controlling device. 2,366,555; Dec. 19.
Johnson, Frank E., Malden, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Nut installation for blind fastenings. 2,365,137; Dec. 12.

Johnson, Franklin E., assignor to Norton Company, Worcester, Mass. Hydraulic table reciprocating mechanism. 2,361,849; Oct. 31.
Johnson, Fred B., Chicago, Ill., assignor to The Linde Air Products Company. Reproducing machine guiding unit. 2,349,955; May 30.
Johnson, Frederick B. (See Wabl, A. M., and Johnson.)
Johnson, Frederick B., Clairton, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,360,687; Oct. 17.
Johnson, Frederick O., Chicago, Ill. Hydraulic transmission. 2,359,423; Oct. 3.
Johnson, Fritz, Idaho Falls, Idaho. Material loading device. 2,357,954; Sept. 12.
Johnson Gas Appliance Company. (See English, John C., assignor.)
Johnson, George H., assignor to Gisholt Machine Company, Madison, Wis. Transmission and control mechanism. 2,355,869; Aug. 15.
Johnson, George O., Detroit, Mich., assignor to Thompson Products Incorporated, Cleveland, Ohio. Joint construction. 2,340,475; Feb. 1.
Johnson, George V., assignor to Willamette Hyster Company, Portland, Oreg. Industrial truck. 2,349,352; May 23.
Johnson, George V., assignor to Willamette Hyster Company, Portland, Oreg. Industrial truck. 2,349,353; May 23.
Johnson, Glenn D., Compton, assignor to Baash-Ross Tool Company, Los Angeles, Calif. Crown block. 2,359,919; Oct. 10.
Johnson, Harley R., Tulsa, Okla. Treatment of hydrocarbons. 2,348,543; May 9.
Johnson, Harley R., Tulsa, Okla. Treatment of hydrocarbons. 2,355,076; Aug. 8.
Johnson, Harley R., Tulsa, Okla. Treatment of hydrocarbons. 2,355,077; Aug. 8.
Johnson, Harley R., Tulsa, Okla. Treatment of hydrocarbons. 2,355,078; Aug. 8.
Johnson, Harold R., Bayside, N. Y. Model airplane. 2,347,689; May 2.
Johnson, Harry L., Minneapolis, Minn. Corn sizing apparatus. 2,354,376; July 25.
Johnson, Harry L., Minneapolis, Minn. Corn grading apparatus. 2,354,377; July 25.
Johnson, Harry L., Minneapolis, Minn. Screen cleaner for corn sizing apparatus. 2,354,378; July 25.
Johnson, Herbert A., London, England. Apparatus for lifting or transferring metal or objects with flat surfaces. 2,341,621; Feb. 15.
Johnson, Herbert B., and R. B. Packer, assignors to Ritter Products Corporation, Rochester, N. Y. Electrostatic separation process and apparatus. 2,357,658; Sept. 5.
Johnson, Herbert H., assignor of thirty-five per cent to J. T. Crow, Amory, Miss. Groove dressing tool. 2,344,880; Mar. 21.
Johnson, Herbert S., Chicago, Ill. Rocker. 2,363,333; Nov. 21.
Johnson, Herbert S., Chicago, Ill. Building. 2,364,220; Dec. 5.
Johnson, Homer E., Canton, Ohio. Handle lock. 2,359,117; Sept. 26.
Johnson, Howard A., Melrose, Mass., assignor to General Electric Company. Supercharger. 2,350,616; June 6.
Johnson, James O., Teaneck, assignor to Aircraft-Marine Products, Inc., Elizabeth, N. J. Electrical connector. 2,350,765; June 6.
Johnson, James P., Shaker Heights, Ohio. Separator. 2,346,435; Apr. 11.
Johnson, James P., Shaker Heights, Ohio. Hydraulic gear pump. 2,346,761; Apr. 18.
Johnson, James P., Shaker Heights, Ohio. Fuel pump. 2,351,817; June 20.
Johnson, James P., Shaker Heights, Ohio. Coupling. 2,356,322; Aug. 22.
Johnson, Jay D., Peoria, Ill., assignor to John Deere Tractor Company, Waterloo, Ill. Hydraulic mechanism. 2,340,474; Feb. 1.
Johnson, Jerome E., assignor to Tension Envelope Corporation, New York, N. Y. Black-out device. 2,350,617; June 6.
Johnson, Joel E., Boaz, Ala. Saw lubricating device 2,354,379; July 25.
Johnson, Joel R. (See Cherry, G. L., Johnson, and Scott.)
Johnson, Johan H., New York, N. Y., and C. M. Palmer, Washington, D. C. Cowl fastener. 2,356,162; Aug. 22.
Johnson, John A., Woodhaven, N. Y. Spool making apparatus. 2,365,274; Dec. 19.
Johnson, John F., Sr., North East, assignor to Triumph Explosives, Elkton, Md. Toggle press. 2,354,126; July 18.
Johnson, John H., Toronto, Ontario, Canada. Sanitary rubber sheet. 2,351,767; June 20.
Johnson, John L. (See MacDonald, A. A., and Johnson.)
Johnson, John R., and H. T. R. Hanitz, assignors to The Ingersoll Milling Machine Company, Rockford, Ill. Machine for scalping bars. 2,338,687; Jan. 4.
Johnson & Johnson. (See Cox, Walter A., assignor.)
Johnson & Johnson. (See Gillanders, A. C., and Daggett, assignors.)
Johnson & Johnson. (See Manley, F. N., and Wenzelberger, assignors.)
Johnson & Johnson. (See Wenzelberger, E. P., and Manley, assignors.)
Johnson, Joseph E., Brooklyn, N. Y. Producing castings. 2,350,899; June 6.
Johnson, Joseph W., Middleton, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Interface modifying substance. 2,354,320; July 25.
Johnson, Junius P., New Bern, N. C. Bushing fitting and placement tool. 2,353,564; July 11.
Johnson, Kenneth S., South Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Public address system. 2,348,629; May 9.
Johnson Laboratories, Inc. (See Berge, Godshalk, assignor.)
Johnson Laboratories, Inc. (See Jacob, Frederick N., assignor.)
Johnson Laboratories, Inc. (See Kirk, Martin J., assignor.)
Johnson Laboratories, Inc. (See Neighbors, Charles C., assignor.)
Johnson, Lawrence R., assignor to The Chandler & Price Company, Cleveland, Ohio. Platen printing press. 2,357,116; Aug. 29.
Johnson, Leigh E., Wichita, Kans. Bait retainer for animal traps. 2,348,981; May 16.
Johnson, Leigh E., Wichita, Kans. Air-conditioned canopy. 2,350,618; June 6.
Johnson, Leighton R., Minneapolis, Minn. Gauge and making the same. 2,358,232; Sept. 12.
Johnson, Leonard, and M. A. Rieman, Minneapolis, Minn., assignors to Hart-Carter Company, Peoria, Ill. Granular material grader and purifier. 2,353,903; July 18.
Johnson, Lyman B., Clevelnnd Heights, Ohio, assignors to General Electric Company. Electric discharge device and electrode therefor. 2,363,531; Nov. 28.
Johnson, Malcolm S., assignor to Illinois Railway Equipment Company, Chicago, Ill. Pipe anchoring means. 2,357,956; Sept. 12.
Johnson, Malcolm S., assignor to Illinois Railway Equipment Company, Chicago, Ill. Brake beam balancing device. 2,361,033; Oct. 24.
Johnson, Manfred J., New Haven, Conn., assignor to The United States Time Corporation. Alternating-current synchronous motor. 2,353,670; July 18.
Johnson, Manfred J., New Haven, Conn., assignor to The United States Time Corporation. Device for projecting moving time-indications. 2,362,754; Nov. 14.
Johnson-March Corporation, The. (See Kleinicke, Werner K., assignor.)
Johnson, Martin W. (See Dodge, J. K., and Johnson.)
Johnson, Matthey & Company Limited. (See Box, E. R., and Kerridge, assignors.)
Johnson, Matthey & Co. Limited. (See Chaston, J. C., and Pertwee, assignors.)
Johnson, Melvin M., trustee, et al. (See Johnson, Melvin M., Jr., assignor.)
Johnson, Melvin M., Jr., Brookline, assignor to M. M. and M. M. Johnson, Jr., and E. E. Rice, as trustees of Johnson Patent Trust, Boston, Mass. Firearm. 2,341,869; Feb. 15.
Johnson, Melvin M., Jr., Brookline, assignor to M. M. Johnson, M. M. Johnson, Jr., and E. E. Rice, as trustees of the Johnson Patent Trust, Boston, Mass. Portable mortar. 2,363,675; Nov. 28.
Johnson, Mildred, Chicago, Ill. Powder box. 2,342,200; Feb. 22.
Johnson, Mont C., Winterset, Iowa. Well testing apparatus. 2,363,793; Nov. 28.
Johnson, Nels J., Evanston, Ill. Tree treatment. 2,347,324; Apr. 25.
Johnson, Ogden, Bronxville, N. Y. Container. 2,340,473; Feb. 1.
Johnson, Olaf A. (See Carlson, L. O., and Johnson.)
Johnson, Olaf S., Gloucester City, N. J. Rotary pump. 2,346,218; Apr. 11.
Johnson, Oliver H., Edgewood Arsenal, Md., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Metallizable azo dye. 2,346,922; Apr. 18.
Johnson, Oscar H., Chicago, Ill. Sectional boat. 2,339,782; Jan. 25.
Johnson Patent Trust. (See Johnson, Melvin M., Jr.)
Johnson Patent Trust. (See Johnson, Melvin M., Jr., assignor.)
Johnson Power-On Transmission Corporation. (See Johnson, Albert L., assignor.)
Johnson, Ralph E., Indianapolis, Ind. Adhesive tape sales ticket. 2,346,219; Apr. 11.
Johnson, Reynold B., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Punching machine. 2,343,414; Mar. 7.
Johnson, Reynold B., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Record card container. 2,355,299; Aug. 8.
Johnson, Robert A., Company. (See Johnston, E. C., Russell, and Jameson, assignors.)
Johnson, Robert C., Norton Township, Summit County, Ohio, and R. Marchant, assignors to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Electrostatic separation of particles. 2,361,946; Nov. 7.
Johnson, Robert D., New Brunswick, N. J., assignor to Atlantic Diesel Corporation. Multiple control device for tabs and the like. 2,346,030; Apr. 4.
Johnson, Robert S., assignor to Keeler Brass Company, Grand Rapids, Mich. Handle. 2,342,405; Feb. 22.

Johnson, Roger C., Moline, Ill. Thermostatic valve. 2,352,203; June 27.

Johnson, Roy E., Bronxville, and A. G. Anderson, Brooklyn, assignors to Arenco Machine Company, Incorporated, New York, N. Y. Apparatus for applying closures. 2,360,423; Oct. 17.

Johnson, Roy W., Milwaukee, Wis. Dual oil control device. 2,341,785; Feb. 15.

Johnson, Roy W., Milwaukee, Wis. Oil control device. 2,355,870; Aug. 15.

Johnson, Roy W., Milwaukee, Wis. Manually settable three-positioning metering valve. 2,359,992; Oct. 10.

Johnson, Roy W. and W. A. Biermann, assignors to Automatic Products Company, Milwaukee, Wis. Control mechanism for burners. 2,343,188; Feb. 29.

Johnson, Roy W., and V. R. Pawelsky, assignors to Automatic Products Company, Milwaukee, Wis. Oil and air control mechanism for burners. 2,351,973; June 20.

Johnson, Roy W., W. A. Biermann, and V. R. Pawelsky, assignors to Automatic Products Company, Milwaukee, Wis. Oil control device. 2,354,755; Aug. 1.

Johnson, Samuel, Fort Lauderdale, Fla. Dog collar. 2,361,108; Oct. 24.

Johnson, S. C., & Son, Inc. (See Lawler, W. P., Hable, and Steinle, assignors.)

Johnson Service Company. (See Otto, Carl A., assignor.)

Johnson, Stanley G., Grosse Point, Mich., assignor to The Burkhardt Company. Portfolio display binder. 2,340,222; Jan. 25.

Johnson, Sixten I. (See Terry, C. B., and Johnson.)

Johnson, Sixten I., College Point, assignor to Lily-Tulip Cup Corporation, New York, N. Y. Cup adapter arrangement for liquid mixing apparatus. 2,345,479; Mar. 28.

Johnson Steel & Wire Company. (See Johnson, Charles D., assignor.)

Johnson, Thomas D., Jr., and R. G. Woodbridge, Jr., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Graphite recovery. 2,342,585; Feb. 22.

Johnson, Thomas H., Swarthmore, Pa. Photographic shutter. 2,357,331; Sept. 5.

Johnson, Tomlinson F., Atlanta, Ga. High-tension fuse assembly and heater therefor. 2,353,242; July 11.

Johnson, Treat B., Bethany, Conn., assignor to Sharp & Dohme, Incorporated, Philadelphia, Pa. Amino diphenyl sulphides and making them. 2,350,900; June 6.

Johnson, Victor S. (See White, Sidney Y., assignor.)

Johnson, Vincent A. (See Peterson, S. E., and Johnson.)

Johnson, Wallace J. S., Berkeley, Calif., assignor, by mesne assignments, to Kearney & Trecker Products Corporation, Milwaukee, Wis. Precision boring machine. 2,341,383; Feb. 8.

Johnson, Walter C., Bemus Point, N. Y. Hydraulic brake system. 2,349,791; May 23.

Johnson, Walter F. (See Flygare, C. G., and Johnson.)

Johnson, Walter W., Berkeley, Calif. Dredge. 2,348,389; May 9.

Johnson, Wilber M., Cleveland Heights, Ohio, assignor to General Electric Company. Electric lamp. 2,347,055; Apr. 18.

Johnson, Wilber M., Cleveland Heights, Ohio, assignor to General Electric Company. Electric switch. 2,349,354; May 23.

Johnson, William, assignor to H. Warp, Chicago, Ill. Window shade attachment. 2,350,235; May 30.

Johnson, William, assignor to H. Warp, Chicago, Ill. Window shade attachment. 2,350,236; May 30.

Johnson, William B., Aberdeen Proving Ground, Md. Folding bicycle pedal. 2,359,764; Oct. 10.

Johnson, William C., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Gyratory crusher. 2,349,790; May 23.

Johnson, William S., assignor to Röhm & Haas Company, Philadelphia, Pa. Plasticizing esters of methacrylic acid. 2,344,918; Mar. 21.

Johnson, William S., assignor to Röhm & Haas Company, Philadelphia, Pa. Plastic methyl methacrylate. 2,346,107; Apr. 4.

Johnston, Albert C., Waco, Tex. Bicycle. 2,354,125; July 18.

Johnston, Allan T., Mount Lebanon, assignor to The Union Switch & Signal Company, Swissvale, Pa. Switch control system. 2,347,602; Apr. 25.

Johnston, Ben H., et al. (See Humason, Granville A., assignor.)

Johnston, Camma L., independent executrix. (See Dowd, E. M., and Johnston.)

Johnston, Charles F., Oakland, Calif. Piston expander and stabilizer. 2,350,619; June 6.

Johnston, Clarence S. (See Dowd, E. M., and Johnston.)

Johnston Company, The. (See Terrell, Bettie, assignor.)

Johnston, Dwight A., assignor to McKay Machine Company, Youngstown, Ohio. Automatic cutoff. 2,341,870; Feb. 15.

Johnston, Edward C., N. J. Russell, and R. M. Jameson, assignors to Robert A. Johnston Company, Milwaukee, Wis. Apparatus for enrobing confections with chocolate. 2,352,839; July 4.

Johnston, Fred D., Towson, and S. S. Sherrill, Baltimore, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Drying apparatus. 2,347,781; May 2.

Johnston Glass Co., The. (See Boyles, E. R., and Pattison, assignors.)

Johnston, Howard M., assignor to Massey-Harris Company Ltd., Toronto, Ontario, Canada. Manure spreader. 2,342,942; Feb. 29.

Johnston, James G., Chicago, Ill., assignor to The Warren Featherbone Co., Three Oaks, Mich. Garment bag. 2,350,901; June 6.

Johnston, James G., Evanston, Ill., assignor to The Warren Featherbone Co., Three Oaks, Mich. Garment bag. 2,352,102; June 20.

Johnston, James L., Denver, Colo., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Centrifugal chuck. 2,356,245; Aug. 22.

Johnston & Jennings Company, The. (See McGunagle, William H., assignor.)

Johnston, Raymond H. (See Coffing, F. W., and Johnston.)

Johnston, Robert L., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Gasketed joint structure. 2,359,118; Sept. 26.

Johnston, William B., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. High molecular weight polyhydric alcohols. 2,347,562; Apr. 25.

Johnston, Wayburn E., Minneapolis, Minn. Heat-treating furnace. 2,360,348; Oct. 17.

Johnstone, Edwin P., Jr., Glenbrook, and W. J. van Loo, Jr., East Port Chester, Conn., assignors to American Cyanamid Company, New York, N. Y. Treatment of woolen textile materials. Re. 22,566; Nov. 21.

Johnstone, Frederick L. (See Johnstone, Harry W., assignor.)

Johnstone, Harry W., Detroit, assignor to F. L. Johnstone, doing business as Johnstone Pump Company, Wayne County, Mich. Pump. 2,360,139; Oct. 10.

Johnstone Pump Company. (See Johnstone, Harry W.)

Johnstone, Robert L., University City, Mo. Vibrator. 2,366,033; Dec. 26.

Johnstone, Robert M., Bondsville, Pa. Shaft coupling. 2,348,071; May 2.

Johnstone, Robert M., Bondsville, Pa. Winding machine. 2,360,564; Oct. 17.

Johnstone, Theodore H., Detroit, Mich. Method and apparatus for decoding locks. 2,338,768; Jan. 11.

Johnstone, Theodore H., Detroit, Mich., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Keyhole cover and assembly. 2,355,300; Aug. 8.

Jokel, William, Brooklyn, N. Y. Self-cleaning filter. 2,366,112; Dec. 26.

Jolley, Gladys, et al. (See Briggs, Ernest B., assignor.)

Jonas, Frank D., East Williston, assignor to Oxford Filing Supply Co., Brooklyn, N. Y. Data tab. 2,348,909; May 16.

Jones, Arnold W., and Company. (See Marinetti, Edward G., assignor.)

Jones, Arthur E., assignor to Posture Research Corporation, Elkhart, Ind. Chair base. 2,350,399; June 6.

Jones, Basil E. (See Tully, J. E., and Jones.)

Jones, Basil E. (See Tully, J. E., Andersen, and Jones.)

Jones, Basil E., Flossmoor, assignor to The Pullman Company, Chicago, Ill. Sofa. 2,338,814; Jan. 11.

Jones, Bliss M., and F. C. Ames, assignors to Rodney Hunt Machine Company, Orange, Mass. Fulling mill. 2,360,877; Oct. 24.

Jones, Burr W., Elmira, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine starter gearing for internal-combustion engines. 2,353,904; July 18.

Jones, Byron Q., United States Army. Hammock. 2,348,217; May 9.

Jones, Cecil E., Lima, Ohio. Controllable truck lock for crawler tractors. 2,351,685; June 20.

Jones, Charles B., et al. (See Hanson, Frank E., assignor.)

Jones, Charles H. (See Swanson, E. R., and Jones.)

Jones, Charles L. (See Wood, C. M., and Jones.)

Jones, Charles L., assignor to Hercules Powder Company, Wilmington, Del. Packing compositions. 2,363,597; Nov. 28.

Jones, Coulter W. (See Goulet, Real J., assignor.)

Jones, Daniel C., Port Washington, assignor to Koehring Company, Milwaukee, Wis. Mixing machine. 2,344,307; Mar. 14.

Jones, David M., Richmond Heights, assignor to Mallinckrodt Chemical Works, St. Louis, Mo. Alkylation and aralkylation of organic compounds. 2,363,003; Nov. 21.

Jones, Delbert R., assignor to Western Cartridge Company, East Alton, Ill. Manufacture of explosives. 2,357,830; Sept. 12.

Jones, Don F., and J. W. Miller, assignors to Motor Wheel Corporation, Lansing, Mich. Heating apparatus. 2,363,185; Nov. 21.

Jones, Earl R. (See English, M. H., Jones, and Nydegger.)

Jones, Edward H., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Time-of-day announcing system. 2,364,147; Dec. 5.

Jones, Edwin A. (See Ganger, F. A., and Jones.)

Jones, Edwin A., Webster Groves, Mo. Automatic control means. 2,361,632; Oct. 31.

Jones, Edwin A., Webster Groves, assignor to Majestic Manufacturing Co., St. Louis, Mo. Drip pan construction. 2,345,480; Mar. 28.

Jones, Edwin A., Webster Groves, assignor to Majestic Manufacturing Company, St. Louis, Mo. Griddle plate. 2,351,130; June 13.

Jones, Emory D., and L. N. Murphy, Detroit, Mich. Lubrication of internal combustion engines. 2,345,606; Apr. 4.

Jones, Frank D., Ottumwa, Iowa, assignor to Dain Manufacturing Company of Iowa. Hay Press. 2,352,388; June 27.

Jones, Frank L., Brighton, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Transmission film for glass. 2,344,250; Mar. 14.

Jones, George D., Shaker Heights, Ohio. Thresher bars for harvesting machines. 2,361,633; Oct. 31.

Jones, George F. (See Van Wirt, A. E., and Jones.)

Jones, Harry J., Millburn, assignor to Baker & Co. Inc., Newark, N. J. Extrusion device. 2,341,555; Feb. 15.

Jones, Harry J., Millburn, assignor to Baker & Co. Inc., Newark, N. J. Spinnerette. 2,362,277; Nov. 7.

Jones, Harry N., Newark, Ohio, assignor to Owens-Corning Fiberglas Corporation. Carbonaceous coating for glass fibers. 2,341,219; Feb. 8.

Jones, Harry S., Chicago, Ill. Manifold set. 2,341,788; Feb. 15.

Jones, Harry S., assignor to The Brown Instrument Company, Philadelphia, Pa. Control apparatus. 2,340,126; Jan. 25.

Jones, Harry S., Washington, D. C., assignor to The Brown Instrument Company, Philadelphia, Pa. Control system. 2,345,399; Mar. 28.

Jones, Harry S., Washington, D. C., assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring and control apparatus. 2,352,103; June 20.

Jones, Harry S., Washington, D. C., assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring and control apparatus. 2,355,537; Aug. 8.

Jones, Harry S., Washington, D. C., assignor to The Brown Instrument Company, Philadelphia, Pa. Control system. 2,361,294; Oct. 24.

Jones, Hilten E. (See Severance, G. R., Comiskey, and Jones.)

Jones, Hilton I., assignor to Hixone Products, Wilmette, Ill., a partnership, comprising H. I., B. T., H. and L. Jones. Mothproofing compositions. 2,340,328; Feb. 1.

Jones, Homer W., Westfield, N. J., assignor to The Linde Air Products Company. Blowpipe machine. 2,365,275; Dec. 19.

Jones, Homer W., Westfield, and W. J. Jacobson, Plainfield, N. J., assignors to the Linde Air Products Company. Blowpipe device. 2,356,197; Aug. 22.

Jones, Howard A. (See Deonier, C. C., and Jones.)

Jones, Howard A. (See Travis, B. V., and Jones.)

Jones, Howard A. (See Wade, R. S., and Jones.)

Jones, Howard M. (See Dudley, R. A., and Jones.)

Jones, James M., Charlotte, N. C. Textile truck for yarn holders. 2,340,595; Feb. 1.

Jones, James R., Lakewood, L. M. Hultberg, and V. A. Gronberg, assignors to Art Metal Construction Company, Jamestown, N. Y. Latching mechanism for drawers and the like. 2,343,977; Mar. 14.

Jones, James R., Lakewood, L. M. Hultberg, and V. A., Gronberg, assignors to Art Metal Construction Company, Jamestown, N. Y. Progressive suspension for drawers and the like. 2,346,167; Apr. 11.

Jones, Jesse E. (See Hunter, R. B., and Jones.)

Jones, Jesse E., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Step-by-step operating mechanism. 2,341,182; Feb. 8.

Jones, John E. (See Olpin, H. C., Gibson, and Jones.)

Jones, John L. (See Stockbarger, D. C., and Jones.)

Jones, John L., Fairview, W. Va. Agricultural implement. 2,364,449; Dec. 5.

Jones, John L., North Billerica, assignor to Stockton Profile Gauge Corporation, Lowell, Mass. Compensating roll drive mechanism. 2,354,599; July 25.

Jones, John L., Billerica, and J. W. Farmer, Watertown, assignors to Stockton Profile Gauge Corporation, Lowell, Mass. Area measuring machine. 2,346,031; Apr. 4.

Jones, John L., Billerica, and J. W. Farmer, Watertown, assignors to the Stockton Profile Gauge Corporation, Lowell, Mass. Area measuring machine. 2,356,761; Aug. 29.

Jones, John W., Greenville, S. C. Cloth take-up mechanism for looms. 2,364,534; Dec. 5.

Jones, Joseph W., New York, N. Y. Range estimating trainer. 2,364,720; Dec. 12.

Jones, Kenneth H. (See Byron, O., and Jones.)

Jones & Lamson Machine Company. (See Flanders, Ralph E., assignor.)

Jones & Laughlin Steel Corporation. (See Cummings, H. B., and Carroll, assignors.)

Jones and Laughlin Steel Corporation. (See Keener, Howard N., assignor.)

Jones, Leo D. (See Stahl, H. A., and Jones.)

Jones, Leo D., assignor to The Sharples Corporation, Philadelphia, Pa. Centrifugal separator. 2,350,041; May 30.

Jones, Lester L. (See Mikulas, W., and Jones.)

Jones, Lloyd B., Hollidaysburg, Pa. Drifting control valve. 2,359,647; Oct. 3.

Jones, Lloyd B., Hollidaysburg, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Cushioning device for car truck center bearings. 2,356,246; Aug. 22.

Jones, Lloyd B., Hollidaysburg, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Railway car truck. 2,360,061; Oct. 10.

Jones, Lloyd E., Pasadena, assignor to Food Machinery Corporation, San Jose, Calif. Transverse sizer. 2,365,822; Dec. 26.

Jones, Lloyd T., Berkeley, Calif., assignor to The Linde Air Products Company. Welding. 2,352,716; July 4.

Jones, Lyman L., Seattle, Wash., assignor to American Can Company, New York, N. Y. Sheet slitting machine. 2,355,079; Aug. 8.

Jones, Maurice F., Wilkinsburg, and W. M. Hutchison, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control system. 2,361,210; Oct. 24.

Jones, Merdith, Seattle, Wash. Position-indicating mechanism. 2,354,917; Aug. 1.

Jones, Minor C. J., Westfield, and A. A. Wells, Roselle Park, N. J., assignors, by mesne assignments, to Jasco, Incorporated. Recovery of styrene. 2,353,040; July 4.

Jones, Minor C. K., Bound Brook, and R. C. Brandon, Elizabeth, N. J., assignors to Standard Oil Development Company. Sweetening petroleum distillates. 2,338,585; Jan. 4.

Jones, Minor C. K., Elizabeth, N. J., assignor to Standard Oil Development Company. Method and apparatus for determining sulphur content of a fluid stream. 2,362,275; Nov. 7.

Jones, Nelson M., assignor to Greene's Fuel, Incorporated, Sarasota, Fla. Fuel-cooled internal-combustion engine. Re. 22,529; Aug. 15.

Jones, Nelson M., assignor to Green's Fuel, Incorporated, Sarasota, Fla. Delivery system for volatile liquids. 2,348,478; May 9.

Jones, Nelson M., assignor to Green's Fuel, Incorporated, Sarasota, Fla. Using liquified petroleum gases for engine fuel. 2,359,219; Sept. 26.

Jones, Nelson M., assignor to Green's Fuel, Incorporated, Sarasota, Fla. Unitary coupling for plural conduits. 2,359,648; Oct. 3.

Jones, Paul C. (See Mathes, R. A., and Jones.)

Jones, Paul C., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Vulcanization of rubber. 2,342,545; Feb. 22.

Jones, Paul C., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Vulcanization of rubber. 2,358,717; Sept. 19.

Jones, Paul C., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Vulcanization of rubber. 2,359,765; Oct. 10.

Jones, Paul C., Silver Lake, and R. A. Mathes, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Vulcanization accelerator. 2,338,815; Jan. 11.

Jones, Paul C., and R. A. Mathes, Akron, Ohio., assignors to The B. F. Goodrich Company, New York, N. Y. Vulcanization of rubber. 2,356,163; Aug. 22.

Jones, Paul C., Silver Lake, and R. A. Mathes, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Zinc salts of mercaptothiazolines. 2,356,932; Aug. 29.

Jones Paul C., and R. A. Mathes, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Vulcanization of rubber. 2,356,933; Aug. 29.

Jones, Paul C., and A. W. Sloan, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Vulcanization of rubber. 2,358,715; Sept. 19.

Jones, Paul C., and A. W. Sloan, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Thiazoles. 2,358,716; Sept. 19.

Jones, Paul C., and R. A. Mathes, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Vulcanization of rubber. 2,363,598; Nov. 28.

Jones, Philip H. (See Newton, W. M., and Jones.)

Jones, Philip H., Redondo Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Treating drilling muds. 2,343,113; Feb. 29.

Jones, Philip H., Redondo Beach, and M. T. Flaxman, assignors to Union Oil Company of California, Los Angeles, Calif. Treatment of oil producing sands. 2,342,106; Feb. 22.

Jones, Raymond W., Bethesda, Md. Horsepower indicator. 2,346,168; Apr. 11.

Jones, Raynor L. (See Reinhardt, R. C., Jones, and Blackhurst.)

Jones, Rhoda C., and W. B. Craft, Manchester, Ky. Hand loom. 2,350,167; May 30.

Jones, Richard B., Rapid City, S. Dak. Closure fastener. 2,357,007; Aug. 29.

Jones, Robert C., Summit, N. J., H. T. O'Neil, San Diego, Calif., and E. C. Wente, Summit, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Siren. 2,354,684; Aug. 1.

Jones, Robert E. (See Cate, T. M., and Jones.)

Jones, Robert M., Biddeford, and V. A. Burnham, Saco, Maine, assignors to Saco-Lowell Shops, Boston, Mass. Drawing mechanism for spinning and roving frames. 2,343,259; Mar. 7.

Jones, Robert M., Biddeford, and P. B. West, Saco, assignors to Saco-Lowell Shops, Biddeford, Maine. Making fabrics. 2,358,330; Sept. 19.

Jones, Royal H., Payne, Ohio. Train order delivery device. 2,341,445; Feb. 8.

Jones, Sam P., Dallas, Tex. Gas carbureting apparatus. 2,346,762; Apr. 18.

Jones, Sam P., Dallas Tex. Gas carbureting apparatus. 2,346,763; Apr. 18.

Jones, Samuel G., Princess Anne County, assignor to Berkeley Machine Works and Foundry Company, Inc., Norfolk, Va. Stoker riser screw. 2,363,968; Nov. 28.

Jones, Tase W., Frederick, assignor of one-half to B. I. Barnes, Boulder, Colo. Mining machine. 2,363,969; Nov. 28.

Jones, Walter I., Belmont, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Key-carrying device. 2,342,078; Feb. 15.

Jones, Walter I., Belmont, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Key-carrying device. 2,342,079; Feb. 15.

Jones, Walter I. Belmont, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Shiftable cowl fastener and installation thereof. 2,356,412; Aug. 22.

Jones, Wilbur L., assignor to Interchemical Corporation, New York, N. Y. Bitumen and inks made therefrom. 2,346,970; Apr. 18.

Jones, William D., London, England. Manufacture of nonporous metal articles. 2,343,978; Mar. 14.

Jones, William O., Baltimore, Md. Surgical needle holder. 2,363,334; Nov. 21.

Jongedyk, Ralph, Hinsdale, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Extruding apparatus. 2,338,854; Jan. 11.

Jongeneel, Albert M. (See Loucks, Claude A., assignor.)

Jongeneel, Albert M., et al. (See Loucks, C. A., and Schmidt, assignors.)

Jonker, Johan L. H., Eindhoven, Netherlands; vested in the Alien Property Custodian. Electron discharge device. 2,340,594; Feb. 1.

Jonsson, Helge S., Villa Park, Ill. Apparatus for making stumps. 2,348,630; May 9.

Jonsson, Helge S., Villa Park, assignor to The C. H. Hanson Company, Chicago, Ill. Marker. 2,351,519; June 13.

Jonsson, Helge S., Villa Park, assignor to The C. H. Hanson Company, Chicago, Ill. Graduating and engraving machine. 2,357,117; Aug. 29.

Joplin, William A., Wollaston, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Packaging machine. 2,340,536; Feb. 1.

Joplin, William A., Wollaston, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Conveying apparatus. 2,347,828; May 2.

Jordan, Amsie E., Beloit, Kans. Self-closing safety pin. 2,359,115; Sept. 26.

Jordan, Charles E., Dawson, and L. L. Jordan, Oskaloosa, Iowa. Fence post driver. 2,348,820; May 16.

Jordan, Claude W., Paoli, Pa., assignor to The United Gas Improvement Company. Purifying methyl styrene. 2,343,676; Nov. 28.

Jordan, Curtis S. (See Sneed, R. C., and Jordan.)

Jordan, Donald J., Milford, assignor to United Aircraft Corporation, East Hartford, Conn. Air intake scoop. 2,342,790; July 4.

Jordan, Joseph F., Hot Springs National Park, Ark. Scooter. 2,345,052; Mar. 28.

Jordan, Levi L. (See Jordan, C. E. and L. L.)

Jordan, Richard H., Hamden, assignor to The A. C. Gilbert Company, New Haven, Conn. Fan oscillator with motor carried clutch control. 2,341,220; Feb. 8.

Jordan, Robert E. (See Ravenscroft, E. A., and Jordan.)

Jordan, Stanley R., Dayton, Ohio. Strain gauge connection. 2,364,076; Dec. 5.

Jordan, Thomas, Salt Lake City, Utah. Automatic sample cutting machine. 2,352,204; June 27.

Jordan, Warren D., Waukegan, Ill., assignor to American Can Company, New York, N. Y. Can-sealing machine. 2,339,766; Oct. 10.

Jordan, Warren D., Waukegan, Ill., assignor to American Can Company, New York, N. Y. Soldering machine. 2,341,947; Nov. 7.

Jordan, Wilfred M., Johnstown, Pa., assignor to Bethlehem Steel Company. Circular scaffold. 2,346,033; Apr. 4.

Jörg, Eugen. (See Küppenbender, H., Eyth, and Jörg.)

Jorgensen, Bernhardt, Marblehead, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Lasting machine. 2,346,687; Apr. 18.

Jorgensen, Bernhardt, Marblehead, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Lasting machine. 2,346,688; Apr. 18.

Jorgensen, Bernhardt, Marblehead, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Lasting machine. 2,354,685; Aug. 1.

Jorgensen, Bernhardt, Marblehead, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Lasting machine. 2,354,686; Aug. 1.

Jorgensen, Bernhardt, Marblehead, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe conditioning apparatus. 2,360,949; Oct. 24.

Jorgensen, Bernhardt, Marblehead, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe machine. 2,363,004; Nov. 21.

Jorgensen, Clarence H., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Automatic choke mechanism. 2,348,544; May 9.

Jorgensen, Clarence H., and L. C. Dermond, Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Engine control device. 2,356,063; Aug. 15.

Jorgensen, Clarence H., and L. C. Dermond, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Engine control device. 2,356,064; Aug. 15.

Jorgensen, George W., assignor of five per cent to H. Moore, Chicago, Ill. Copying process. 2,359,040; Sept. 26.

Jorgensen, James, West Palm Beach, Fla. Parachute. 2,358,233; Sept. 12.

Jorgenson, Gerald A. (See Cohen, M., Enoch, Hasty, and Jorgenson.)

Jorgenson, John P., Wilmette, and A. G. Kling, assignors to Kling Bros. Engineering Works, Chicago, Ill. Tumbler. 2,359,481; Oct. 3.

Jory, Arthur T., Oakland, Calif. Table device. 2,344,149; Mar. 14.

Jory, Samuel Irwin, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Vehicle clutch and transmission control. 2,344,881; Mar. 21.

Joseph, Francis M., Cliffside Park, assignor to Bendix Aviation Corporation, Bendix, N. J. Power plant. 2,352,550; June 27.

Josepho, Aron M., New York, N. Y. Pocket calculating device. 2,348,299; May 9.

Joshel, Lloyd M., Hyattsville, Md., assignor to United States of America as represented by Claude R. Wickard, Secretary of Agriculture, and his successors in office. Manufacture of allcyclic compounds. 2,349,173; May 16.

Joshel, Lloyd M., Hyattsville, Md., assignor to United States of America as represented by Claude R. Wickard, Secretary of Agriculture, and his successors in office. Manufacture of allcyclic compounds. 2,349,232; May 16.

Jossim, Leopold P., and J. S. Kellett, Royal Oak, Mich. Fluid drive. 2,350,683; June 6.

Jouret, Oscar A. (See Chapman, P. W., and Jouret.)

Journeaux, Didier, Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Electric circuit breaker and operating the same. 2,364,981; Dec. 12.

Jowers, Eddie R., Swansea, S. C. Insect exterminator. 2,347,267; Apr. 25.

Joy, Joseph F., Claremont, N. H. Flexible bellows. 2,341,556; Feb. 15.

Joy, Joseph F., Claremont, N. H. Pump. 2,349,280; May 23.

Joy, Joseph F., Claremont, N. H. Wheel motor. 2,353,730; July 18.

Joy, Joseph F., assignor to Sullivan Machinery Company, Washington, D. C. Material transport truck. 2,362,636; Nov. 14.

Joy Manufacturing Company. (See Arentzen, Einar M., assignor.)

Joy Manufacturing Company. (See Berman, Martin E., assignor.)

Joy Manufacturing Company. (See Lee, Arthur L., assignor.)

Joy Manufacturing Company. (See Russell, John D., assignor.)

Joy Manufacturing Company. (See Russell, J. D., and Thies, assignors.)

Joy, Milton F., Green Island, N. Y., and E. E. Shepardson, East Providence, R. I., assignors to Colvinex Corporation, Cohoes, N. Y. Electrically heated shoulder pad. 2,339,409; Jan. 18.

Joy, Robert F., Bethlehem, Pa., assignor to Bethlehem Steel Company. Rope sling. 2,359,424; Oct. 3.

Joy, Robert W., Berwick, Pa., assignor to American Car and Foundry Company, New York, N. Y. Dump car. 2,353,310; July 11.

Joyce, Carroll G., assignor to Laggett and Platt, Incorporated, Carthage, Mo. Spring construction. 2,362,560; Nov. 14.

Joyce, Dwight P., Shaker Heights, assignor to The Glidden Company, Cleveland, Ohio. Supporting rack. 2,355,653; Aug. 15.

Joyce, Francis W., assignor to Gleason Sales Co., Chicago, Ill. Snap switch. 2,348,982; May 16.

Joyce, Inc. (See Joyce, William H., Jr., assignor.)

Joyce, John, Dorchester, Mass. Automobile signaling device. 2,365,823; Dec. 26.

Joyce, Percy E., Calcutta, India, assignor to Shell Development Company, San Francisco, Calif. Insecticide. 2,357,260; Aug. 29.

Joyce, William H., Jr., assignor to Joyce, Inc., Pasadena, Calif. Shoe or similar article. 2,351,818; June 20.

Joyce, William J., assignor to American Optical Company, Southbridge, Mass. Lens holder. 2,342,146; Feb. 22.

Joyce, William J., assignor to American Optical Company, Southbridge, Mass. Breaking laminated articles. 2,365,085; Dec. 12.

Joyner, George F., Norwalk, Calif., assignor, by mesne assignments, to Consolidated Vultee Aircraft Corporation. Sheet metal shrinking machine. 2,357,204; Aug. 29.

Joyner, George O., St. Louis, and D. S. Myers, Kirkwood, Mo. Cam adjusting device. 2,357,008; Aug. 29.

Joyner, Nelson B., Huntington, W. Va. Window screen. 2,339,172; Jan. 11.

Judd, Charles H., and C. Giammatteo, assignors to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,345,053; Mar. 28.

Judd, H. L., Company. (See Purcell, W. J., and Murdock, assignors.)

Judell, Julius S., Shorewood, assignor to Milwaukee Flush Valve Company, Milwaukee, Wis. Plumbing fixture. 2,344,150; Mar. 14.

Judell, Julius S., Shorewood, assignor to Milwaukee Flush Valve Company, Milwaukee, Wis. Shower head. 2,351,819; June 20.

Judge, Thomas J., assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. 2,344,702; Mar. 21.

Judge, Thomas J., assignor to General Railway Signal Company, Rochester, N. Y. Coded track circuit signaling system. 2,350,620; June 6.

Judge, Thomas J., assignor to General Railway Signal Company, Rochester, N. Y. Switch and signal control system for railroads. 2,357,518; Sept. 5.

Judge, Thomas J., assignor to General Railway Signal Company, Rochester, N. Y. Coded track circuit signaling system. 2,357,519; Sept. 5.

Judge, Thomas J., assignor to General Railway Signal Company, Rochester, N. Y. Railway switch lock control system. 2,365,344; Dec. 19.

Judisch, Carl H., assignor to The Whitney Blake Company, New Haven, Conn. Connector plug. 2,362,074; Nov. 7.

Judson, Robert H. (See Hahn, S. H., and Judson.)

Judy, Myrtle M., executrix. (See Judy, Ralph L.)

Judy, Ralph L., near Kirkland, Wash.; M. M. Judy, executrix of said R. L. Judy, deceased. Hot-air furnace. 2,357,831; Sept. 12.

Jueliss, David, Brooklyn, N. Y., assignor to American Lead Pencil Company, Hoboken, N. J. Mechanical pencil. 2,349,553; May 23.

Jueliss, David, Brooklyn, N. Y., assignor to American Lead Pencil Company, Hoboken, N. J. Mechanical pencil. 2,365,880; Dec. 26.

Jukkola, Walfred W., Westport, Conn., assignor to The Dorr Company, Inc., New York, N. Y. Manganese ore treatment. 2,340,188; Jan. 25.

Julian, Percy L., Maywood, and J. W. Cole, Chicago, Ill., assignors to The Glidden Company, Cleveland, Ohio. Preparing ketones of the cyclopentano hydrophenanthrene series and product. 2,341,557; Feb. 15.

Julian, Percy L., Maywood, and J. W. Cole, Chicago, Ill., assignors to The Glidden Company, Cleveland, Ohio. Etio-cholenic acid derivatives and making same. 2,342,147; Feb. 22.

Julian, Percy L., Maywood, and E. W. Meyer, Evanston, Ill., assignors to The Glidden Company, Cleveland, Ohio. Preparation of a phosphatide composition. 2,355,081; Aug. 8.

Julian, Percy L., Maywood, E. B. Oberg, Evanston, and B. T. Malter, Chicago, Ill., assignors to The Glidden Company, Cleveland, Ohio. Protein compositions of matter and preparing same. 2,363,794; Nov. 28.

Julyan, Fred G. (See Schweickart, W. M., and Julyan.)

Jung, Norbert A., Silverton, and H. F. Tenkotte, Covington, Ky., assignors to Aluminum Industries, Incorporated, Cincinnati, Ohio. Knurling machine. 2,347,350; Apr. 25.

Jung, Oscar H., Milwaukee, Wis. Gravity feed oiler. 2,347,112; Apr. 18.

Jungersen, Thoger G., Summit, N. J. Incendiary bomb scoop. 2,340,058; Jan. 25.

Jungersen, Thoger G., Summit, N. J. Casting. 2,354,026; July 18.

Jungersen, Thoger G., Summit, N. J. Casting. 2,362,136; Nov. 7.

Junghans, Helmut, Schramberg-Sulgen, Eckenhof, Germany; vested in the Alien Property Custodian. Alarm clock movement. 2,338,944; Jan. 11.

Junkin, Hays M., executor, et al. (See Hibbard, Robert L., assignor.)

Junkins, John N., near Sheffield, Ala., assignor to Tennessee Valley Authority. Burner. 2,355,080; Aug. 8.

Junkmann, Karl. (See Allardt, H.-G., and Junkmann.)

Junkmann, Karl, Berlin, and R. Tschesche, Berlin-Wilmersdof, Germany, assignors to Schering Corporation, Bloomfield, N. J. Isolating the lactation-promoting hormone. 2,364,852; Dec. 12.

Jurek, Frank J., Buffalo, N. Y. Cigarette-making device. 2,353,340; July 11.

Jurgens, Harry R. (See Banks, J. H., and Jurgens.)

Jurisich, Joseph M., New Orleans, La. Oyster harvesting apparatus. 2,363,251; Nov. 21.

Jurist, Alfred E., Brooklyn, assignor to E. R. Squibb & Sons, New York, N. Y. Parenteral solutions of 9-poly-hydroxyalkyl-iso-alloxazines. 2,358,331; Sept. 19.

Jurovaty, Anna. (See Jurovaty, Ludwig, assignor.)

Jurovaty, Ludwig, assignor of fifty per cent to A. Jurovaty, New York, N. Y. Ear shaper and protector. 2,339,572; Jan. 18.

Jurs, Albert E., Jr., Berkeley, Calif, and R. W. Blake, Chicago, Ill., assignors to Shank and Jurs Company. Pressure relief valve. 2,342,472; Feb. 22.

Jurs, Eugene E., Oakland, and J. J. Denham, Orinda, Calif., assignors to Shank and Jurs Company. Tank gauge. 2,350,042; May 30.

Just, Frantisek. (See Just, Jan and F., and David.)

Just, Jan and F., and F. David, Cerveny Kostelec, Bohemia; vested in the Alien Property Custodian. Knitted fabric. 2,338,945; Jan. 11.

Justice, William B., Los Angeles, assignor to Walt Disney Productions, Burbank, Calif. Simplifying animation. 2,348,983; May 16.

Justus, James E., Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Cooling system for internal combustion engines. 2,341,789. Feb. 15.

Juve, Arthur E., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Composite article. 2,352,637; July 4.

Juvenile Wood Products, Inc. (See Muller, Albert B., assignor.)

K-D Lamp Co., The. (See Trautner, Wagn, assignor.)

K & P Fancy Stitching Machine Co. (See Sturzlinger, Charles, assignor.)

Kaase, Walther, Reichenbach in Vogtland, and E. Waltmann, Krefeld, Germany, assignors to Heberlein Patent Corporation, New York, N. Y. Isocyanates and related substances and their manufacture. 2,340,757; Feb. 1.

Kabot, Abraham, St. Paul, Minn. Door control. 2,361,403; Oct. 31.

Kacena, John. (See Vandenberg, P. W., and Kacena.)

Kacena, John J., Chicago, and E. E. Kelly, Oak Park, assignors to Crane Co., Chicago, Ill. Grate shaking mechanism. 2,341,790; Feb. 15.

Kadar, Luis, assignor to Chicago Railway Equipment Company, Chicago, Ill. Brake beam structure. 2,343,673; Mar. 7.

Kading, Emil G. P., and D. H. Vye, Toronto, Ontario, Canada. Cable holder. 2,362,828; Nov. 14.

Kadz, Harold D., Glendale, Calif., assignor to Kay-Brunner Steel Products, Inc. Carrying scraper. 2,348,010; May 16.

Kaegi, Edward. (See Fichter, L., and Kaegi.)

Kagan, Morris, Houston, Tex. Banana hook. 2,362,137; Nov. 7.

Kagan, Ralph. (See Gardner, P., and Kagan.)

Kagley, William H. (See Drake, E. P., Alberty, and Kagley.)

Kahl, Fritz, Fort Wayne, Ind., assignor to Farnsworth Television and Radio Corporation. Automatic record changing mechanism. 2,357,520; Sept. 5.

Kahl, Fritz, Fort Wayne, and O. C. Booher, Huntington, Ind., assignors to Farnsworth Television and Radio Corporation. Automatic record-changing apparatus. 2,348,257; May 9.

Kahler, William H. (See Costa, J. L., and Kahler.)

Kahlisch, Gustav. (See Esser, W., Kahlisch, and Reiners.)

Kahlisch, Gustav. (See Reiners, W., and Kahlisch.)

Kahlisch, Gustav. (See Reiners, W., Kahlisch, and Fürst.)

Kahlow, Max H., Norwood, Pa., assignor to G. Laughead, Grand Haven, Mich. Airplane flight demonstration device. 2,358,931; Sept. 26.

Kahn, Alfred, Hollis, N. Y., assignor to Radio Corporation of America. Frequency drift indicator. 2,349,501; May 23.

Kahn, Alfred, Hollis, and W. A. Anderson, New Dorp, Staten Island, N. Y., assignors to Radio Corporation of America. Producing synchronization and regeneration of electric telegraph signals. 2,359,649; Oct. 3.

Kahn, Bertrand B., Cincinnati, assignor to The Estate Stove Company, Hamilton, Ohio. Roaster for stoves. 2,348,545; May 9.

Kahn, Bertrand B., Cincinnati, assignor to The Estate Stove Company, Hamilton, Ohio. Liquid fuel burner. 2,358,012; Sept. 12.

Kahn, Bertrand B., Cincinnati, assignor to The Estate Stove Company, Hamilton, Ohio. Stove. 2,365,881; Dec. 26.

Kahn, David, Englewood, and J. W. Para, Elizabeth, assignors to David Kahn, Inc., North Bergen, N. J. Fountain pen. 2,339,860; Jan. 25.

Kahn, David, Englewood, and J. W. Para, Elizabeth, assignors to David Kahn, Inc., North Bergen, N. J. Writing instrument assemblage. 2,365,473; Dec. 19.

Kahn, David, Inc. (See Kahn, D., and Para, assignors.)

Kahn, David, Inc. (See Para, John W., assignor.)

Kahn, Mack, Cedarhurst, assignor to Artistic Foundations, Inc., New York, N. Y. Foundation garment. 2,347,154; Apr. 18.

Kahn, Samuel, Bridgeport, Conn., assignor to Manning, Maxwell & Moore, Incorporated, New York, N. Y. Gauge adjusting means. 2,344,882; Mar. 21.

Kahn, Samuel, Bridgeport, Conn., assignor to Manning, Maxwell & Moore, Incorporated, New York, N. Y. Combined pressure and vacuum gauge. 2,353,472; July 11.

Kahn, Samuel, Bridgeport, Conn., assignor to Manning, Maxwell & Moore, Incorporated, New York, N. Y. Pressure gauge. 2,365,962; Dec. 26.

Kahn, Walter, Middelburg, Transvaal, Union of South Africa. Label, tag, and the like. 2,345,342; Mar. 28.

Kail, Karl A. (See Link, E. A., and Kail.)

Kain, Sidney C., Tucson, Ariz. Distillation device. 2,342,201; Feb. 22.

Kain, Simon. (See Kile, E. M., and Kain.)

Kairalla, Eleanor, New York, N. Y. Lipstick. 2,344,883; Mar. 21.

Kaiser Cargo, Inc. (See Griswold, Owen H., assignor.)

Kaiser, Donald W., Riverside, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparation of dicyandiamide salts. 2,357,261; Aug. 29.

Kaiser, Donald W., Riverside, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparation of sulphonyl guanidines. 2,359,363; Oct. 3.

Kaiser, Otto, assignor to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Yellow disazo dyestuffs. 2,341,791; Feb. 15.

Kaiser, Robert A., Flushing Heights, N. Y., assignor to Republic Aviation Corporation. Aircraft canopy. 2,351,850; June 20.

Kaiser, Theobald, East Orange, N. J. Clasp. 2,345,481; Mar. 28.

Kaiser, Wilhelm. (See Hentrich, Winfrid, Kaiser, and Reuss.)

Kakosky, John J., Lawrence, Kans. Rivet. 2,342,866; Feb. 29.

Kalamazoo Sled Company. (See Welrick, Burnell E., assignor.)

Kalamazoo Stove & Furnace Company. (See Caley, William T., assignor.)

Kalb, Bernard J., and D. H. Wise, Houston, Tex.; said Wise assignor to said Kalb. Well logging device. 2,365,763; Dec. 26.

Kalen, Elvy, New York, N. Y. Toy parachute. 2,363,970; Nov. 28.

Kalichevsky, Vladimir A., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Conversion of hydrocarbons. 2,342,080; Feb. 15.

Kalin, Albert, Cleveland, Ohio. Governor. 2,341,384; Feb. 8.

Kalin, Albert, Cleveland, Ohio. Governor. 2,344,308; Mar. 14.

Kalin, Albert, Cleveland, Ohio. Governor and power take-off unit. 2,364,853; Dec. 12.

Kalle, Inc. (See Berbeek, Arnold F., assignor.)

Kallecher, Philip R., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Lubrication of dies. 2,361,211; Oct. 24.

Kalista, George, Springfield, Mass. Plating fixture for gas cylinders of rifles. 2,363,005; Nov. 21.

Kalos, Steve, Chicago, Ill. Vehicle signal. 2,342,349; Feb. 22.

Kalix, John, Dayton, Ohio. Hoist. 2,356,762; Aug. 29.

Kalix, John, Dayton, Ohio. Apparatus for excavating subaqueous material. 2,361,404; Oct. 31.

Kalix, John, Nashville, Tenn. Dam gate and operating apparatus. 2,338,724; Jan. 11.

Kalkhuis, Fred W. (See McElroy, J. H., and Kalkhuis.)

Kalkusch, Rudolph, Chicago, Ill. Wall structure. 2,346,170; Apr. 11.

Kallman, Kaskel P., assignor by mesne assignments, to Technical Service, Incorporated, Detroit, Mich. Illuminating fixture. 2,364,854; Dec. 12.

Kallmann, Hartmut I., Berlin-Charlottenburg, and E. Kuhn, Berlin, Germany; vested in the Alien Property Custodian. Neutron image converter. 2,344,042; Mar. 14.

Kallmann, Hartmut I., Berlin-Charlottenburg, and E. Kuhn, Berlin, Germany; vested in the Alien Property Custodian. Method and device for depicting objects by means of neutrons or X-rays. 2,344,043; Mar. 14.

Kallmann, Heinz E., assignor to Radio Corporation of America. Television system. 2,350,902; June 6.

Källström, Anders G., Oskarshamn, and A. E. P. Kjellström, Stockholm, Sweden. Ski. 2,362,380; Nov. 7.

Kalins, Joseph L., Brooklyn, assignor to Ideal Novelty & Toy Co., Long Island City, N. Y. Container. 2,350,463; June 6.

Kalmus-Golden, Inc. (See Bernstein, Herbert H., assignor.)

Kalous, Mieczyslaw J., Barn Croft, Shootersway, Berkhamstead, England. Concentration of sulphuric acid. 2,344,408; Mar. 14.

Kaltenbacher, Dominic M., Bloomington, Ind., assignor to Radio Corporation of America. Frequency modulation. 2,353,162; July 11.

Kalter, Harold E., assignor to The Troxel Manufacturing Company, Elyria, Ohio. Cycle saddle. 2,341,720; Feb. 15.

Kalvin, Edwin F., assignor to H. A. Douglas Mfg. Co., Bronson, Mich. Electric switch. 2,350,043; May 30.

Kaman, Frank A., Aurora, assignor to Independent Pneumatic Tool Company, Chicago, Ill. Squeeze riveter. 2,351,049; June 13.

Kamitsky, Oscar H., assignor to Micro Switch Corporation, Freeport, Ill. Snap switch overtravel mechanism. 2,354,027; July 18.

Kamlet, Jonas, Brooklyn, N. Y., assignor to Miles Laboratories, Inc., Elkhart, Ind. Titration reaction vessel. 2,346,261; Apr. 11.

Kämmel, Hugo E., Zella-Mehlis, Germany; vested in the Alien Property Custodian. Complementary totalizer. 2,364,025; Nov. 28.

Kammerer, Archer W., Fullerton, Calif. Rotary drill bit. 2,359,642; Sept. 19.

Kamowski, Joseph T., Nanticoke, Pa. Thermal insulating jacket. 2,365,068; Dec. 12.

Kamp, Ewald A., Chicago, Ill., assignor to Graver Tank & Mfg. Co., Inc. Sewage treatment. 2,364,298; Dec. 5.

Kampfer, Charles W., St. Paul, Minn. Traffic control for power conveyers. 2,349,968; May 30.

Kampstad, Clarence L. (See Kampstad, Henry O. and C. L.)

Kampstad, Henry O. and C. L., Lengby, Minn. Mounting and supporting motors. 2,364,855; Dec. 12.

Kamrath, Herbert G., Flint, Mich., assignor to General Motors Corporation, Detroit, Mich. Coiled paper filter. 2,339,703; Jan. 18.

Kandle, Charles W., Chicago, Ill. Earth drill. 2,352,326; June 27.

Kandolian, Armig G., New York, N. Y., assignor to Federal Telephone and Radio Corporation. Marker beacon. 2,341,558; Feb. 15.

Kane, Edward L. (See Gaffney, J. C., and Kane.)

Kane, Edward M., Ithaca, N. Y. Furnace structure. 2,357,832; Sept. 12.

Kane, Jasper H., Garden City, and W. H. Staebner, Jackson Heights, assignors to Charles Pfizer & Company, New York, N. Y. Laxatives. 2,363,106; Nov. 21.

Kane, John E., assignor to The Frank H. Lee Company, Danbury, Conn. Hatmaking apparatus. 2,357,474; Sept. 5.

Kane, John E., assignor to The Frank H. Lee Company, Danbury, Conn. Hatmaking apparatus and operating same. 2,357,475; Sept. 5.

Kane & Roach, Inc. (See Kane, William E., assignor.)

Kane, William E., assignor to Kane & Roach, Inc., Syracuse, N. Y. Bending machine. 2,365,882; Dec. 26.

Kanhofer, Elmer R. (See Day, R. B., and Kanhofer.)

Kanhofer, Elmer R., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 2,339,996; Jan. 25.

Kanhofer, Elmer R., assignor to Universal Oil Products Company, Chicago, Ill. Catalytic treatment of hydrocarbons. 2,341,276; Feb. 8.

Kanhofer, Elmer R., assignor to Universal Oil Products Company, Chicago, Ill. Catalytic treatment of hydrocarbons. 2,341,792; Feb. 15.

Kanhofer, Elmer R., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Manufacture of catalysts. 2,348,072; May 2.

Kanhofer, Elmer R., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Catalytic treatment of hydrocarbons. 2,352,484; June 27.

Kanhofer, Elmer R., assignor to Universal Oil Products Company, Chicago, Ill. Hydrocarbon conversion. 2,353,731; July 18.

Kannee, Henry M. (See Lampe, Charles E., Sr., assignor.)

Kannenberg, William K., Milwaukee, Wis. Salvaging apparatus for sunken vessels. 2,347,690; May 2.

Kanner, Oscar, Chicago, and E. D. Coleman, Maywood, Ill., assignors to Edwin D. Coleman. Method and apparatus for making chemical analyses. 2,361,295; Oct. 24.

Kansas City Testing Laboratory. (See Cross, R. Phillips, and Cross, assignors.)

Kantor, Israel, Bronx, N. Y. Tent. 2,350,684; June 6.

Kantor, James, assignor to The Liquid Carbonic Corporation, Chicago, Ill. Mixing tank for carbonated beverages. 2,350,044; May 30.

Kantor, James, assignor to The Liquid Carbonic Corporation, Chicago, Ill. Crown rest. 2,359,561; Oct. 3.

Kantor, James, assignor to The Liquid Carbonic Corporation, Chicago, Ill. Crown crimper. 2,359,562; Oct. 3.

Kanzaki, George A., New York, N. Y. Bottle. 2,341,102; Feb. 8.

Kaolin Georgia Company. (See Lyons, Sanford C., assignor.)

Kaolin, Georgia, Company. (See Lyons, S. C., and Young, assignors.)

Kapella Limited. (See Reason, Richard E., assignor.)

Kapella Limited. (See Reason, R. E., and Garrod, assignors.)

Kaping, Rudolph G., Libertyville, Ill. Building and building block therefor. 2,351,768; June 20.

Kaplan, Jacob J., Boston, Mass. Four-in-hand necktie. 2,343,979; Mar. 14.

Kaplan, Max, Brooklyn, N. Y. Ornament holder. 2,361,772; Oct. 31.

Kaplan, Nathan, Atlanta, Ga. Fish scraper. 2,345,607; Apr. 4.

Kaplan, Saul, Rutherford, assignor to The Richards Chemical Works, Jersey City, N. J. Oxasolidine compounds. 2,352,152; June 20.

Kaplan, William, Malverne, assignor to Cities Service Oil Company, New York, N. Y. Manufacture of alkylated benzene hydrocarbons. 2,343,870; Mar. 14.

Kapolkin, Herman, New York, N. Y. Marine waves power plant. 2,364,535; Dec. 5.

Kapp, Fred, Oakland, Calif. Spark plug. 2,340,963; Feb. 8.

Kapp, Paul B., State College, Pa. Spring wheel. 2,341,721; Feb. 15.

Kapp, Roland. (See Price, D., and Kapp.)

Kappenberg, William, Queens Village, and F. J. Rameh, assignors to Coffee Products Corporation, New York, N. Y. Extraction of coffee. 2,340,758; Feb. 1.

Kapper, Willard B. (See Moors, Daniel G., assignor.)

Kapple, Frank, and J. F. Sikora, assignors to Dunbar-Kapple & Company, Chicago, Ill. Producing cup washers. 2,352,265; June 27.

Kappus, Peter. (See Löhner, K., and Kappus.)

Kaprelian, Edward K., Alexandria, Va., assignor to Isadore Nochlin and Sam Schwartz, trading as Camera Supply Company, Washington, D. C. Optical view finder. 2,353,565; July 11.

Karabin, Edward V., Wilkinsburg, Pa., assignor to Mine Safety Appliances Company, Pittsburgh, Pa. Safety hat. 2,359,080; Jan. 11.

Karash, Walter J., Annapolis, Md., assignor to General Electric Company. Apparatus for starting and controlling discharge devices. 2,358,810; Sept. 26.

Karash, Walter J., Annapolis, Md., assignor to General Electric Company. Apparatus for starting and controlling discharge devices. 2,363,868; Nov. 28.

Karash, Walter J., Annapolis, Md., and E. Lemmers, Cleveland Heights, Ohio, assignors to General Electric Company. Electric discharge device. 2,351,616; June 20.

Karavia, Sophie S., New York, N. Y. Combination lock. 2,355,301; Aug. 8.

Kardos, Andrew, Paterson, N. J. Device to prevent clogging of screens. 2,356,323; Aug. 22.

Karey, Romuald, Agawam, Mass., assignor to Bendix Aviation Corporation, South Bend, Ind. Outboard motor. 2,351,050; June 13.

Karg, Frank G., Chicago, Ill. Prophylactic package. 2,365,556; Dec. 19.

Karish, Karl, Brooklyn, N. Y. Pocketbook frame. 2,353,671; July 18.

Karish, Karl, Brooklyn, N. Y. Woodworking machine attachment. 2,363,869; Nov. 28.

Karle, John D., Roselle Park, N. J., assignor to Magazine Repeating Razor Company, New York, N. Y. Safety razor. 2,340,189; Jan. 25.

Karle, John D., Roselle Park, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Surgical stitching instrument. 2,348,218; May 9.

Karlik, Charles, Flushing, N. Y. Double wing airplane. 2,339,338; Jan. 18.

Karlson, Julius H., Chicago, Ill. Drink mixing tumbler. 2,352,205; June 27.

Karlson, Karl R., Montclair, N. J., assignor to Union Bag & Paper Corporation, New York, N. Y. Slitting and coating. 2,340,127; Jan. 25.

Karlson, Karl R., Montclair, N. J., assignor to Union Bag & Paper Corporation, New York, N. Y. Sealing head and machine. 2,352,899; July 4.

Karlson, Karl R., Montclair, N. J., assignor to Union Bag & Paper Corporation, New York, N. Y. Bag and making same. 2,353,311; July 11.

Karlsson, Elis G. (See Frostling, I. A., and Karlsson.)

Karlsson, Elof, Moline, Ill., assignor to International Harvester Company. Corn harvester. 2,349,869; May 30.

Karlsson, Per H., Wellsville, N. Y., assignor to The Air Preheater Corporation. Air preheater mounting. 2,352,717; July 4.

Karlsson, Per H., Wellsville, and J. H. Sengstaken, Plandome, assignors to The Air Preheater Corporation, New York, N. Y. Fluid treating apparatus. 2,361,692; Oct. 31.

Karlsson, Per H., Wellsville, and E. A. Lundstrom, assignors to The Air Preheater Corporation, New York, N. Y. Temperature control of heat transfer surfaces. 2,363,870; Nov. 28.

Karlsson, Per Hilmer, and W. D. Yerrick, Wellsville, assignors to The Air Preheater Corporation, New York, N. Y. Rotary reactor. 2,347,829; May 2.

Karlström, Fredrik J. R., Bo, assignor to Aktiebolaget Elektrolux, Stockholm, Sweden. Dishwasher. 2,351,342; June 13.

Karlström, Karl A. S., Gavle, Sweden. Dental instrument for boring, grinding, and like operations. 2,338,437; Jan. 4.

Karns, George M., Williamsville, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Processing yarn. 2,350,168; May 30.

Karo, David, London, England. Electric torch. 2,347,482; Apr. 25.

Karol, Josef, Van Nuys, Calif. Ventilator. 2,363,733; Nov. 28.

Karp, Edward J., assignor to G. S. Blakeslee & Co., Cicero, Ill. Adjustable support. 2,339,061; Jan. 11.

Karp, Edward J., assignor to G. S. Blakeslee & Co., Cicero, Ill. Mixing machine. 2,345,266; Mar. 28.

Karpen, Harry, and J. P. Riley, assignors to S. Karpen & Bros., Chicago, Ill. Mattress and the like and forming the same. 2,359,220; Sept. 26.

Karpen, S., & Bros. (See Bows, H., and Iannessa, assignors.)

Karpen, S., & Bros. (See Karpen, H., and Riley, assignors.)

Karpen, S., & Bros. (See Van Derveer, Clarence A., assignor.)

Karpfen, Paula. (See Weiss, Gerhart, assignor.)

Karr, Horace M., Rodeo, Calif., and C. MacHenry, Houston, Tex., assignors to Shell Development Company, San Francisco, Calif. Alkylation process. 2,359,119; Sept. 26.

Karrer, Josef, Zurich, assignor to Maschinenfabrik Oerlikon, Oerlikon, Switzerland. Centrifugal blower with spiral casing. 2,341,871; Feb. 15.

Kasdan, Nathan, Plainfield, Conn. Temporary bolting device. 2,350,685; June 6.

Kaser, Everett D., assignor to Durabilt Steel Locker Company, Aurora, Ill. Steel cabinet construction. 2,339,339; Jan. 18.

Kasold, Edmund B., Los Angeles, Calif. Household refrigerator with distilled water dispenser. 2,341,872; Feb. 15.

Kass, Lawrence W., assignor to Grip Nut Company, Chicago, Ill. Safety support for brake beams. 2,364,221; Dec. 5.

Kass, Samuel M., Philadelphia, Pa. Washer retainer. 2,348,390; May 9.

Kassay, Andrew W. (See Balz, E. H., Kassay, and Williams.)

Kassay, Andrew W., E. H. Balz, and W. D. Williams, Toledo, Ohio, assignors, by mesne assignments, to Libbey-Owens-Ford Glass Company. Producing fine wood flour. 2,364,721; Dec. 12.

Kassel, Louis S., assignor to Universal Oil Products Company, Chicago, Ill. Alkylation of isoparaffinic hydrocarbons. 2,338,248; Jan. 4.

Kassel, Louis S., assignor to Universal Oil Products Company, Chicago, Ill. Catalytic conversion of hydrocarbons. 2,360,349; Oct. 17.

Kasser, Joseph B., Roseville, Calif. Orchard conditioning system. 2,350,621; June 6.

Kasser, Morris, San Francisco, Calif. Method and apparatus for treating perishable articles. 2,344,151; Mar. 14.

Kassler, Adolph, assignor to American Car and Foundry Company, New York, N. Y. Draft gear back stop and center filler. 2,352,718; July 4.

Kassner, Max, New Rochelle, N. Y. Knapsack, haversack, and the like. 2,340,964; Feb. 8.

Kasten, Walter. (See Skinner, R. L., and Kasten.)

Kasten, Walter, Franklin, assignor to R. L. Skinner, Birmingham, Mich. Filter. 2,354,380; July 25.

Kastenschmidt, Elmer G., Mindoro, Wis. Hitch device. 2,338,334; Jan. 4.

Kastilan, Frits, assignor to B. Chadkin, New York, N. Y. Telephoto lens. 2,346,312; Apr. 11.

Kastner, Edward C., Fairlawn, assignor to The Akron Standard Mold Company, Akron, Ohio. Method and apparatus for stripping articles from molds. 2,365,764; Dec. 26.

Katcher, Morris, New York, N. Y. Thrust ball bearing. 2,347,483; Apr. 25.

Katcher, Morris, New York, N. Y. Lubricant seal. 2,347,953; May 2.

Katcher, Morris, New York, N. Y. Steering gear for automobiles and the like. 2,351,617; June 20.

Katcher, Morris, New York, N. Y. Bearing. 2,359,364; Oct. 3.

Katcher, Morris, New York, N. Y. Muffler. 2,359,365; Oct. 3.

Katcher, Morris, and S. W. Walker, New York, N. Y. Submerged barge and towboat. 2,359,366; Oct. 3.

Katcher, Morris, and S. W. Walker, New York, N. Y. Steering means for watercraft. 2,363,335; Nov. 21.

Kater, Joseph A., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Switching mechanism. 2,340,611; Feb. 1.

Kath, Alfred W., assignor to Arthur Colton Company, Detroit, Mich. Forming gelatin sheets. 2,345,674; Apr. 4.

Kathe, Edmund A., assignor to The Rainflo Manufacturing Company, Springfield, Ohio. Water softening system. 2,344,251; Mar. 14.

Kathe, Edmund A., assignor to The Rainflo Manufacturing Company, Springfield, Ohio. Water softener. 2,350,045; May 30.

Katsulos, Nicholas T., Stevensville, Mich. Heat exchange unit. 2,343,147; Feb. 29.

Katz, Abraham M., Brooklyn, assignor to Ideal Novelty & Toy Co., Long Island City, N. Y. Head construction for dolls. 2,350,114; May 30.

Katz, Abraham M., Brooklyn, assignor to Ideal Novelty & Toy Co., Long Island City, N. Y. Doll construction. 2,359,425; Oct. 3.

Katz, Albert, assignor to Bundy Tubing Company, Detroit, Mich. Floating pin mandrel. 2,355,734; Aug. 15.

Katz, David, assignor to The Scriptoscope Company, Wilmington, Del. Lecture and projection desk of the scriptoscope type. 2,351,618; June 20.

Katz, Maurice, Brooklyn, N. Y., assignor to The Exact Weight Scale Company, Columbus, Ohio. Scale or balance. 2,350,622; June 6.

Katz, Morris, Bronx, N. Y. Ventilated shopping bags and constructing the same. 2,363,971; Nov. 28.

Katzin, Martin, Riverhead, N. Y., assignor to Radio Corporation of America. Audio frequency limiter network. 2,357,405; Sept. 5.

Katzin, Martin, Riverhead, N. Y., assignor to Radio Corporation of America. Horn radiator. 2,362,561; Nov. 14.

Katzin, Martin, Riverhead, N. Y., assignor to Radio Corporation of America. Double polarization feed for horn antennas. 2,364,371; Dec. 5.

Katzin, Martin, and F. J. W. Schoenborn, Riverhead, N. Y., assignors to Radio Corporation of America. Transmission lines. 2,351,520; June 13.

Katzinger, Edward, Company, The. (See Jackson, Joseph G., assignor.)

Katzinger, Edward, Company, The. (See Zimmer, Myron J., assignor.)

Katzman, Morris. (See Epstein, A. K., and Katzman.)

Katzow, Abram, Indianapolis, Ind. Refrigerating system. 2,350,115; May 30.

Kauch, Robert, Maxwell Field, Montgomery, Ala., and C. L. Paulus, Dayton, Ohio. Warplane. 2,346,689; Apr. 18.

Kaufert, Frank H., St. Paul, Minn., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Pest control. 2,343,415; Mar. 7.

Kauffeld, Theodore J., New York, N. Y., assignor to American Type Founders, Incorporated, Elizabeth, N. J. Sheet delivery mechanism for printing presses. 2,345,821; May 16.

Kauffeld, Walter, et al. (See Orr, Asa A., assignor.)

Kauffman, Lester S., and B. C. Douglas, assignors to American Stove Company, St. Louis, Mo. Electric igniter for gaseous fuel burners. 2,360,607; Oct. 17.

Kauffman, Lester S., and B. C. Douglas, assignors to American Stove Company, St. Louis, Mo. Making electric igniters for gaseous fuel burners. 2,360,608; Oct. 17.

Kauffman, Robert T. (See Clein, H. H., and Kauffman.)

Kauffman, Theodore, Jr., Chicago, and G. V. Campbell, Riverside, assignors to The S. Obermayer Co., Chicago, Ill. Entrance for slot type forge heating furnaces. 2,356,718; Sept. 19.

Kauffman, Walter L., II, assignor to Lovell Manufacturing Company, Erie, Pa. Wringer spring and adjusting screw assembly. 2,360,424; Oct. 17.

Kauffmann, Hans O., Eggertsville, assignor to Buffalo Electro-Chemical Company, Inc., Buffalo, N. Y. Treating textiles and apparatus therefor. 2,357,262; Aug. 29.

Kauffmann, Hans O., Eggertsville, and E. S. Shanley, assignors to Buffalo Electro-Chemical Company, Inc., Buffalo, N. Y. Heating goods. 2,353,615; July 11.

Kaufman, Charles W., Hasbrouck Heights, N. J., assignor to General Foods Corporation, New York, N. Y. Coconut product. 2,338,184; Jan. 4.

Kaufman, Daniel, New Haven, Conn. Combustion chamber. 2,341,622; Feb. 15.

Kaufman, David S., Port Arthur, Tex., assignor to Texaco Development Corporation, New York, N. Y. Method of pumping oil. 2,357,660; Sept. 5.

Kaufman, David S., Port Arthur, Tex., assignor to Texaco Development Corporation, New York, N. Y. Control of wax deposition. 2,364,222; Dec. 5.

Kaufman, Gus, K. Uhrig, and R. S. Barnett, Beacon, assignors, by mesne assignments, to The Texas Company, New York, N. Y. Air pump lubricant. 2,353,830; July 18.

Kaufman, Henri H., New York, and R. G. Segschneider, Yonkers, N. Y. Hat box. 2,343,189; Feb. 29.

Kaufman, Henri H., New York, and R. G. Segschneider, Yonkers, N. Y. Hat brim flanging machine. 2,355,380; Aug. 8.

Kaufman, Joseph M. S. (See Krasnow, S., and Kaufman.)

Kaufman, Joseph M. S., Washington, D. C., S. Krasnow, New York County, N. Y., and J. A. Schaerf, Arlington County, Va. Construction of magnetic compasses. 2,361,548; Oct. 31.

Kaufmann, Harry A., Grosse Pointe Park, Mich. Window construction. 2,359,756; Oct. 10.

Kaufmann, Herbert A. (See Schopmeyer, H. H., and Kaufmann.)

Kaufmann, Hermann, and R. Keinke, Leuna, Germany; vested in the Alien Property Custodian. Carrying out catalytic gas reactions. 2,351,214; June 13.

Kaufmann, John J., Elkins Park, assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa. Loom harness. 2,364,982; Dec. 12.

Kaufmann, Richard H., Schenectady, N. Y., assignor to General Electric Company. Dynamometer excitation control system. 2,350,766; June 6.

Kaul, Emil W., assignor to Textile Machine Works, Wyomissing, Pa. Fabric drawoff means for textile machines. 2,340,244; Jan. 25.

Kaulen, Robert, Loevenich-Cologne, Germany, assignor to the firm of Eden A. G., Zug-Zurich, Switzerland. Manufacturing printing forms. 2,357,476; Sept. 5.

Kaumagraph Company. (See Martin, Vernon, assignor.)

Kaupke, Lee H. (See Johnson, A. E. W., and Kaupke.)

Kauppi, Toivo A. (See Collings, W. R., and Kauppi.)

Kautter, Carl T. (See Bauer, W., and Kautter.)

Kautz, Frederick, Philadelphia, Pa. Shelf bracket support for adjustable and releasable shelving. Re. 22,538; Aug. 29.

Kautz, Frederick, Philadelphia, Pa. Combined framing structure and bracket support. Re. 22,562; Nov. 21.

Kautz, Frederick, Philadelphia, Pa. Post frame structure. 2,360,688; Oct. 17.

Kavanagh, Frank W. (See Neely, G. A., and Kavanagh.)

Kavanagh, Frank W., B. B. Farrington, and J. O. Clayton, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Compounded mineral oil. 2,344,988; Mar. 28.

Kavle-Head Corporation, The. (See Kavle, Oscar C., assignor.)

Kavle, Oscar C., Syracuse, assignor to The Kavle-Head Corporation, Ithaca, N. Y. Typewriter mechanism. 2,362,138; Nov. 7.

Kawecki, Henry C., Temple, Pa., assignor, by mesne assignments, to Reconstruction Finance Corporation, New York, N. Y. Preparing fluosilicic acid and fluosilicic acid salts. 2,354,177; July 18.

Kawneer Company, The. (See Hodson, Milo G., assignor.)

Kawneer Company, The. (See Plym, Lawrence J., assignor.)

Kay, Benjamin F., Los Angeles, Calif. Lawn and garden tool. 2,343,616; Mar. 7.

Kay-Brunner Steel Products, Inc. (See Kadz, Harold D., assignor.)

Kay-Brunner Steel Products, Inc. (See Low, John J., assignor.)

Kay-Fries Chemicals, Inc. (See Bitler, W. P., and Nicholl, assignors.)

Kay-Fries Chemicals, Inc. (See Flistik, A. C., Inman, and Bitler, assignors.)

Kay-Fries Chemicals, Inc. (See Inman, M. T., and Bitler, assignors.)

Kay, Murray, New York, N. Y. Garment construction. 2,354,815; Aug. 1.

Kay, Webster B., assignor to Standard Oil Company, Chicago, Ill. Isomerizing paraffinic naphthas. 2,357,521; Sept. 5.

Kay, William H., assignor of one-half to M. M. Janotta, Columbus, Ohio. Knurling tool. 2,365,197; Dec. 19.

Kaye, Robert L., assignor to Britkiex, Incorporated, Newark, N. J. Building unit. Re. 22,481; May 16.

Kayser, Nicholas J., Monteral, Quebec, Canada, assignor, by mesne assignments, to C. E. Fraser, New York, N. Y. Toboggan seal for sand cleaners. 2,357,957; Sept. 12.

Kazantzeff, John S., Abbotsford, British Columbia, Canada. Incubator. 2,364,722; Dec. 12.

Kazutow, Alexander. (See Sebald, J. F., and Kazutow.)

Keahey, Eunice M., et al. (See Keahey, Frank S., Jr., assignor.)

Keahey, Frank S., Jr., assignor of eighty-five one-hundredths to E. M. Keahey, eight one-hundredths to P. Oren, and seven one-hundredths to E. M. Apple, Detroit, Mich. Ordnance. 2,362,075; Nov. 7.

Kear, Frank G. (See Dunmore, F. W., and Kear.)

Kearby, Kenneth K. (See Reeves, E. D., and Kearby.)

Kearney, Daniel F., Lathrup Townsite, Birmingham, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine starter gearing. 2,339,486; Jan. 18.

Kearney, Edward J., deceased, Wauwatosa, by O. W. Carpenter, Jr., Fox Point, special administrator; J. B. Armitage, Wauwatosa, Wis., and W. M. Pohn, Washington, D. C., assignors to Kearney & Trecker Corporation, West Allis, Wis. Machine tool. 2,355,062; Aug. 8.

Kearney, James R., Corporation. (See Fox, Charles A., assignor.)

Kearney, James R., Corporation. (See Goldner, George W., assignor.)

Kearney, James R., Corporation. (See Heinrich, Walter A., assignor.)

Kearney, James R., Corporation. (See Hoffman, J. D., and Fey, assignors.)

Kearney, James R., Corporation. (See Kratoville, Frank M., assignor.)

Kearney, James R., Corporation. (See Rubel, W. L., and Kratoville, assignors.)

Kearney & Trecker Corporation. (See Andrew, W. K., Hutchens, and Lukey, assignors.)

Kearney & Trecker Corporation. (See Armitage, Joseph B., assignor.)

Kearney & Trecker Corporation. (See Armitage, Joseph B., and Bartholomew, assignors.)

Kearney & Trecker Corporation. (See Armitage, J. B., and Eserkaln, assignors.)

Kearney & Trecker Corporation. (See (Armitage, J. B., assignor), Rothweiler, and Salzer.)

Kearney & Trecker Corporation. (See Guetskow, Edward, assignor.)

Kearney & Trecker Corporation. (See Kearney, E. J., Armitage, and Pohl, assignors.)

Kearney & Trecker Corporation. (See Parsons, Fred A., assignor.)

Kearney & Trecker Products Corporation. (See Johnson, Wallace J. S., assignor.)

Kearns, Charles M., Jr. (See Martin, E., and Kearns, Jr.)

Kearns, Richard E., Detroit, assignor to American Box Board Company, Grand Rapids, Mich. Garment hanger. 2,347,414; Apr. 25.

Kearsley, William K., Schenectady, N. Y., assignor to General Electric Company. Electric blanket temperature control apparatus. 2,344,820; Mar. 21.

Kearsley, William K., Schenectady, N. Y., assignor to General Electric Company. Temperature control system for electric heating devices. 2,354,918; Aug. 1.

Kensbey & Mattison Company. (See Buczkowski, E. J., and Ostrowski, assignors.)

Kensbey & Mattison Company. (See Miller, Lewis B., assignor.)

Kensbey & Mattison Company. (See Schneider, Robert A., assignor.)

Keating, Herbert S., North Plainfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Material handling apparatus. 2,365,277; Dec. 19.

Keating, James P., assignor to Neenah Foundry Company, Neenah, Wis. Mooring block. 2,350,767; June 6.

Keating, Maurice H. (See Laughead K., and Keating.)

Keating, Thomas J., Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electroplating cell. 2,349,662; May 23.

Keating, Thomas J., Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Meter ink. 2,350,065; Aug. 15.

Keats, John L. (See Stark, H. M., and Keats.)

Keats, John L., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of titanium pigments. 2,345,980; Apr. 4.

Keats, John L., and J. E. Booge, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Titanium oxide pigment production. 2,358,167; Sept. 12.

Keck, Alfred, Hyde Park, Mass., and J. M. Brumbaugh, Lansdowne, Pa., assignors to Radio Corporation of America. Phase inverter. 2,353,672; July 18.

Keefe, Arthur, Akron, Ohio. Air valve. 2,349,435; May 23.

Keefer, Clarence E., Baltimore, Md. Compass. 2,349,626; May 23.

Keefer, Walter L. (See Rosenberger, W. A., and Keefer.)

Keefer, Walter L., assignor to Pangborn Corporation, Hagerstown, Md. Abrading apparatus. 2,341,559; Feb. 15.

Keefer, Walter L., assignor to Pangborn Corporation, Hagerstown, Md. Abrading apparatus. 2,341,560; Feb. 15.

Keefer, Walter L., assignor to Pangborn Corporation, Hagerstown, Md. Abrading apparatus. 2,344,989; Mar. 28.

Keefer, Walter L., assignor to Pangborn Corporation, Hagerstown, Md. Abrading apparatus. 2,351,521; June 13.

Keefer, Walter L., assignor to Pangborn Corporation, Hagerstown, Md. Abrading apparatus. 2,359,313; Oct. 3.

Keefer, Walter L., assignor to Pangborn Corporation, Hagerstown, Md. Abrading apparatus. 2,364,077; Dec. 5.

Keehn, Warner L., Spokane, Wash. Plunger type blind rivet. 2,358,578; Sept. 19.

Keehn, Warner L., Spokane, Wash. Welder's helmet. 2,362,637; Nov. 14.

Keehnel, Roy B., Independence, Mo. Drying device. 2,348,631; May 9.

Keelavite Company Limited, The. (See Johnson, Edward H., assignor.)

Keeler Brass Company. (See Jakeway, Gerald V., assignor.)

Keeler Brass Company. (See Jakeway, G. V., and Keeler, assignors.)

Keeler Brass Company. (See Johnson, Robert S., assignor.)

Keeler Brass Company. (See Keeler, Isaac S., assignor.)

Keeler, Earl A., Norristown, assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring and control apparatus. 2,339,861; Jan. 25.

Keeler, Earl A., Norristown, assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring and control apparatus. 2,348,177; May 2.

Keeler, Earl A., Norristown, assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring and control apparatus. 2,349,437; May 23.

Keeler, Earl A., Norristown, assignor to The Brown Instrument Company, Philadelphia Pa. Measuring and control apparatus. 2,357,205; Aug. 29.

Keeler, Earl A., Norristown, assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring and control apparatus. 2,363,336; Nov. 21.

Keeler, Earl A., Norristown, assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring and control apparatus. 2,364,450; Dec. 5.

Keeler, Isaac S. (See Jakeway, G. V., and Keeler.)

Keeler, Isaac S., assignor to Keeler Brass Company, Grand Rapids, Mich. Door handle or the like. 2,355,978; Aug. 15.

Keeleric, George F., Westboro, Mass. Abrasive article. 2,353,404; July 11.

Keeleric, George F., Westboro, Mass. Abrasive article. 2,359,920; Oct. 10.

Keeling, William O., Independence, Mo. Vapor phase cracking process. 2,363,532; Nov. 28.

Kee Lox Manufacturing Company. (See MacAllster, R. B., and Wolf, assignors.)

Keema, Alexander W. (See Stevenson, R., and Keema.)

Keen, Alexis W., Packanack Lake, and R. B. Frost, Rutherford, N. J., assignors to United States Rubber Company, New York, N. Y. Making electrical conductors. 2,363,871; Nov. 28.

Keen, Harold H., Letchworth, England, assignor to International Business Machines Corporation, New York, N. Y. Indicating device. 2,343,377; Mar. 7.

Keen, Thomas A., San Mateo, and J. Kilburg, Redwood City, Calif., assignors, by direct and mesne assignments, of one-half to said Keen and one-half to H. M. Smith, Chicago, Ill. Key actuated type selecting mechanism. 2,340,596; Feb. 1.

Keen, Thomas A., San Mateo, and J. Kilburg, Redwood City, Calif.; said Kilburg assignor, by mesne assignments, to H. M. Smith, Chicago, Ill. Totalizing machine. 2,358,168; Sept. 12.

Keenan, George, Great Crosby, Liverpool, and J. A. Mulhern, Bootle, Liverpool, England. Water distilling apparatus for lifeboats. 2,359,041; Sept. 26.

Keenan, Thomas J., Steubenville, Ohio. Combined oiling device and oil gauge stick. 2,363,424; Nov. 21.

Keenan, Walter F., Jr., deceased, by A. B. Henderson, executrix, Pelham Manor, assignor to Foster Wheeler Corporation, New York, N. Y. Vapor generator. 2,342,148; Feb. 22.

Keene, George W., Maywood, Ill. Film reel. 2,343,980; Mar. 14.

Keene, Samuel I. (See Seitz, John G., assignor.)

Keene, Walter L., assignor to Rustless Iron and Steel Corporation, Baltimore, Md. Pickling process. 2,347,742; May 2.

Keene, Walter L., Dormont, Pa., assignor to Rustless Iron and Steel Corporation, Baltimore, Md. Wire treating method. 2,359,993; Oct. 10.

Keener, Barnett A. (See Comer, Curtis G., and Keener.)

Keener, Howard N., Baden, assignor to Jones and Laughlin Steel Corporation, Pittsburgh, Pa. Coupling for lined pipe. 2,340,537; Feb. 1.

Keeney, J. H., & Co. (See Binks, Melvin J., assignor.)

Keep, Charles R., Norwood, assignor to B. F. Sturtevant Company, Hyde Park, Boston, Mass. Heat exchange unit. 2,345,536; Mar. 28.

Keep, Charles R., Norwood, assignor to B. F. Sturtevant Company, Hyde Park, Boston, Mass. Heat exchange unit. 2,345,537; Mar. 28.

Keep, Charles R., Norwood, and A. W. Ferre, Wellesley, assignors to B. F. Sturtevant Company, Boston, Mass. Drying apparatus. 2,361,350; Oct. 24.

Keese, Beverly W. (See Alden, H. W., and Keese.)

Keese, Beverly W., Oshkosh, Wis., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Steering wheel drive for vehicles. 2,356,164; Aug. 22.

Keesler, Kenneth N., Burbank, Calif., assignor to Consolidated Vultee Aircraft Corporation. Riveting device. 2,365,824; Dec. 26.

Keevil, Henry W. (See Barnes, W. C., and Keevil.)

Keffer, Joseph W., Ligonier, Pa. Clamp for concrete forms. 2,353,831; July 18.

Kegler, Harold L. (See Dean, R. H., Cooley, and Kegler.)

Kehl, Robert J., Manhasset, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Gas generating system. Re. 22,557; Oct. 24.

Kehne, Karl, Berlin-Tegel, Germany; vested in the Alien Property Custodian. Guns having sliding and interchangeable barrel. 2,345,127; Mar. 28.

Keiffer, Lawrence R., Cleveland Heights, Ohio, assignor to General Electric Company. Vapor lamp jacket. 2,363,109; Nov. 21.

Keight, Albert W., Cumberland, Md., assignor to Celanese Corporation of America. Yarn winding device. 2,357,406; Sept. 5.

Keil, Havard L. (See Conquest, V., and Keil.)

Keil, Havard L., Clarendon Hills, assignor to Armour and Company, Chicago, Ill. Preparing rennin compositions. 2,339,931; Jan. 25.

Keil, Henry, assignor to Signode Steel Strapping Company, Chicago, Ill. Stapler. 2,345,267; Mar. 28.

Keil, Walter M., assignor to Youngstown Foundry and Machine Company, Youngstown, Ohio. Sheet piler. 2,341,793; Feb. 15.

Keim, Laurence A., Tarentum, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Light polarizing medium. 2,340,476; Feb. 1.

Keim, Melville, Chicago, Ill. Evaporator. 2,362,903; Nov. 14.

Keim, Melville, Chicago, Ill. Golf club carrier. 2,364,223; Dec. 5.

Keinath, George, Larchmont, N. Y. Differential measuring system. 2,340,880; Feb. 8.

Keinath, George, Larchmont, N. Y. Jewel bearing and making same. 2,352,266; June 27.

Keinath, George, Larchmont, N. Y. Exposure meter. 2,353,163; July 11.

Keinath, George, Larchmont, N. Y. Testing materials. 2,356,763; Aug. 29.

Keinath, George, Larchmont, N. Y. Integrating measuring system. 2,359,767; Oct. 10.

Keinath, George, Larchmont, N. Y. Temperature compensated condition responsive measuring system. 2,365,706; Dec. 26.

Keinke, Rudolf. (See Kaufmann, H., and Keinke.)

Keinke, Rudolf. (See Klein, H., Hemmann, Keinke, Hofmann, and Boehmer.)

Keiper, Frank, et al. (See Gilbert, Lewis W., assignor.)

Keiser, Bernhard. (See De Groote, M., and Keiser.)

Keiser, Bernhard. (See De Groote, M., Keiser, and Wirtel.)

Keistman, Arnold R., Shaker Heights, assignor to Jack & Heintz, Inc., Bedford, Ohio. Armature construction. 2,347,056; Apr. 18.

Keith, Ben E., Company. (See Clark, John N., assignor.)

Keith, Clyde R. (See Graveson, G. L., and Keith.)

Keith, Glenn, East Detroit, Mich. Multiple means for applying brakes. 2,365,557; Dec. 19.

Keith, Glenn, East Detroit, Mich., and A. H. Kirchner, Washington, D. C. Brake applying system. 2,354,687; Aug. 1.

Keith, Homer C., El Reno, Okla. Piston for steam driven pumps. 2,345,482; Mar. 28.

Keith, Percival C., Jr. (See Degnen, W. J., Nelly, and Keith.)

Keith, Percival C., Peapack, assignor to The M. W. Kellogg Company, Jersey City, N. J. Recovery of hydrocarbons. 2,356,167; Aug. 8.

Kelco Company. (See Clark, D. E., Pratt, Coleman, and Green, assignors.)

Kell, Ray D., Haddonfield, N. J., assignor to Radio Corporation of America. Television transmitting system. 2,342,943; Feb. 29.

Kell, Raymond W. (See Blau, H. H., and Kell.)

Kell, Raymond W., Charlerol, Pa., assignor to Corning Glass Works, Corning, N. Y. Forming glass articles. 2,352,957; July 4.

Kellum, Edward L., Chicago, Ill. Multiple micrometer. 2,357,898; Sept. 12.

Kelleher, Daniel., Strongsville, assignor to The American Coach & Body Company, Cleveland, Ohio. Method and apparatus for bending structural shapes. 2,350,046; May 30.

Kelleher, Daniel, Strongsville, assignor to The American Coach & Body Company, Cleveland, Ohio. Apparatus for bending metal. 2,359,650; Oct. 3.

Kelleher, Daniel, Strongsville, and J. H. Holan, Jr., Lakewood, assignors to The American Coach & Body Company, Cleveland, Ohio. Spider. 2,341,722; Feb. 15.

Kelleher, Joseph T., Wakefield, assignor of one-half to American Optical Company, Southbridge, and one-half to Neveroil Bearing Co., Wakefield, Mass. Abrading means. 2,339,270; Jan. 18.

Kelleher, Joseph T., Malden, assignor of one-half to American Optical Company, Southbridge, and one-half to Neveroil Bearing Co., Wakefield, Mass. Metallic composition and abrading tool of said composition. 2,349,825; May 30.

Kelleher, Joseph T., Malden, assignor of one-half to American Optical Company, Southbridge, and one-half to Neveroil Bearing Company, Wakefield, Mass. Abrading means and making same. 2,358,459; Sept. 19.

Kelleher, Joseph T., Malden, assignor of one-half to American Optical Company, Southbridge, and one-half to Neveroil Bearing Company, Wakefield, Mass. Abrading means and making same. 2,358,460; Sept. 19.

Keller, Adolph, Glendale, Mo. Hoisting means. 2,364,224; Dec. 5.

Keller, Arnold, Berlin-Wilmersdorf, Germany; vested in the Alien Property Custodian. Device for compensating the temperature of systems for distant measurement of the number of revolutions. 2,347,563; Apr. 25.

Keller, Arthur C., Bronxville, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Switching mechanism. 2,350,464; June 6.

Keller, August, Dearborn, assignor to Motor State Products Company, Ypsilanti, Mich. Vehicle top. 2,365,765; Dec. 26.

Keller, Charles L., Cincinnati, assignor to The Richardson Company, Lockland, Ohio. Positive valve actuation in nonoverfill devices. 2,346,313; Apr. 11.

Keller, Clarence J., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Banding machine. 2,339,410; Jan. 18.

Keller, Curt, assignor to Escher Wyss Maschinenfabricken Aktiengesellschaft, Zurich, Switzerland. Variable-pitch propeller. 2,343,416; Mar. 7.

Keller, Curt, assignor to Escher Wyss Machinenfabriken Aktiengesellschaft, Zurich, Switzerland. Variable-pitch propeller. 2,353,566; July 11.

Keller, David, Brooklyn, N. Y. Pintle applying machine. 2,343,854; Mar. 7.

Keller, Earl A., Norristown, Pa., assignor to The Brown Instrument Company, Philadelphia, Pa. Temperature measuring device. 2,349,436; May 23.

Keller, Fred M. (See Pleasant, H. E., and Keller.)

Keller, Gregory H., Helena, Ark., assignor of fifty per cent to R. E. McCormack, Albany, Ga. Sandwich making machine. 2,356,853; Aug. 29.

Keller, Henry V., Minneapolis, Minn. Ironing table. 2,352,389; June 27.

Keller, John D., Pittsburgh, Pa., assignor to The Wean Engineering Company, Inc., Warren, Ohio. Apparatus for coating sheet metal. 2,338,438; Jan. 4.

Keller, John D., Pittsburgh, Pa., assignor to The Wean Engineering Company, Inc., Warren, Ohio. Tinning strip. 2,364,904; Dec. 12.

Keller, Joseph F. (See Ungar, Gustave A., and Keller.)

Keller, Joseph F. (See Ungar, G. A., and Keller.)

Keller, Kaufman T., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Sprocket gear and making the same. 2,345,343; Mar. 28.

Keller, Leo. (See Goodrum, C. L., Hinrichsen, and Keller.)

Keller, Samuel G., Dearborn, Mich., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Handling catalysts. 2,338,586; Jan. 4.

Keller Tool Company. (See Shaff, Ernest H., assignor.)

Keller, William H., Inc. (See Shaff, Ernest H., assignor.)

Kellerman, John F., assignor of one-fourth to L. Combs and one-fourth to B. Roberts, Fort Lupton, Colo. Ore separating apparatus. 2,348,479; May 9.

Kellett Aircraft Corporation. (See Prewitt, Richard H., assignor.)

Kellett, John S. (See Jossim, L. P., and Kellett.)

Kelley, Benjamin F. (See Kelley, John A. L., assignor.)

Kelley, Benjamin F., Tulsa, Okla. Rotary slip lifter. 2,340,597; Feb. 1.

Kelley, Cecil S., Forest Hills, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Mechanical interlock apparatus. 2,358,643; Sept. 19.

Kelley, Cecil S., Forest Hills, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Self-lapping valve device. 2,358,644; Sept. 19.

Kelley, Edward H., Buffalo, N. Y., assignor to General Motors Corporation, Detroit, Mich. Oil sump ventilation. 2,357,522; Sept. 5.

Kelley, John A. L., Dallas, Tex., assignor of one-half to B. F. Kelley, Tulsa, Okla. Oil saver. 2,351,343; June 13.

Kelley, Maurice J. (See Robinson, E. A., and Kelley.)

Kelley, Maurice J., Philadelphia, Pa., assignor to National Oil Products Company, Harrison, N. J. Hard wax substitute. 2,356,405; Aug. 22.

Kelley, Maurice J., Newark, and E. A. Robinson, Chatham, assignors to National Oil Products Company, Harrison, N. J. Composition for lubricating and softening textile fibers. 2,340,881; Feb. 8.

Kelley, Oliver K., Birmingham, assignor to General Motors Corporation, Detroit, Mich. Power transmission. 2,353,905; July 18.

Kelley, Russell B., Jackson Heights, assignor to International Mutoscope Reel Co. Inc., Long Island City, N. Y. Motion picture projection apparatus. 2,345,818; Apr. 4.

Kellner, Frank H., and R. R. Williams, Houston, Tex. Insecticide and preparing it. 2,358,073; Sept. 12.

Kellog, Henry B., Union City, N. J., and H. D. Hineline, Mount Vernon, N. Y. Producing vitamin concentrates. 2,350,768; June 6.

Kellogg Company. (See Marshall, Donald E., assignor.)

Kellogg Company. (See Raymer, Morris M., assignor.)

Kellogg, Edward W., Indianapolis, Ind., assignor to Radio Corporation of America. Sound recording. 2,343,674; Mar. 7.

Kellogg, Edward W., Indianapolis, Ind., assignor to Radio Corporation of America. Control amplifier. 2,357,661; Sept. 5.

Kellogg, Edward W., Indianapolis, Ind., assignor to Radio Corporation of America. Sound film drive mechanism. 2,364,148; Dec. 5.

Kellogg, Edward W., Indianapolis, Ind., assignor to Radio Corporation of America. F-M control track operation. 2,364,723; Dec. 12.

Kellogg, Edward W., and G. L. Dimmick, Indianapolis, Ind., assignors to Radio Corporation of America. Traffic transportation signaling system. 2,365,474; Dec. 19.

Kellogg, George. (See King, J. A., Kellogg, and Goodwin.)

Kellogg, Homer G., assignor to Motor Products Corporation, Detroit, Mich. Steel house construction. 2,351,820; June 20.

Kellogg, Homer G., assignor to Motor Products Corporation, Detroit, Mich. Method and apparatus for manufacturing metal nailing strips. 2,363,972; Nov. 28.

Kellogg, John L., assignor, by mesne assignments, to John L. Kellogg & Co., Chicago, Ill. Coffee extract. 2,350,903; June 6.

Kellogg, John L., & Co. (See Kellogg, John L., assignor.)

Kellogg, M. W., Company, The. (See Austin, Harold R., assignor.)

Kellogg, M. W., Company, The. (See Buschow, H. F., and Engel, assignors.)

Kellogg, M. W., Co., The. (See Chute, S. J., and Buschow, assignors.)

Kellogg, M. W. Co., The. (See Creelman, George D., assignor.)

Kellogg, M. W., Company, The. (See Degnen, W. J., Nelly, and Keith, assignors.)

Kellogg, M. W., Company, The. (See Hopkins, Robert K., assignor.)

Kellogg, M. W., Company, The. (See Houghland, G. S., and King, assignors.)

Kellogg, M. W., Company, The. (See Keith, Percival C., assignor.)

Kellogg, M. W., Company, The. (See Kelly, L. J., and Van Horn, assignors.)

Kellogg, M. W., Company, The. (See Layng, Edwin T., assignor.)

Kellogg, M. W., Company, The, et al. (See Layng, E. T., and Voorhees, assignors.)

Kellogg, M. W., Company, The. (See Rickerman, John H., assignor.)

Kellogg, M. W., Company, The. (See Roberts, George, Jr., assignor.)

Kellogg, M. W., Company, The. (See Rossheim, David B., assignor.)

Kellogg, M. W., Company, The. (See Rubin, Louis C., assignor.)

Kellogg, M. W., Company, The. (See Ruthruff, Robert P., assignor.)

Kellogg, M. W., Company, The. (See Solomon, E., Passino, and Rubio, assignors.)

Kellogg, M. W., Company, The. (See Van Horn, L., and Kelly, assignors.)

Kellogg Switchboard and Supply Company. (See Baker, Pier, assignor.)

Kellogg Switchboard and Supply Company. (See Bellamy, John I., assignor.)

Kellogg Switchboard and Supply Company. (See Donaldson, Harry J., assignor.)

Kellogg Switchboard and Supply Company. (See Eaton, George R., assignor.)

Kellogg Switchboard and Supply Company. (See Kiner, Glenn, assignor.)

Kellogg Switchboard and Supply Company. (See Shaver, John, assignor.)

Kellogg Switchboard and Supply Company. (See Stanley, Harvey H., assignor.)

Kellogg Switchboard and Supply Company. (See Staszak, Michael B., assignor.)

Kellogg Switchboard and Supply Company. (See Stehlik, Frank J., assignor.)

Kellogg Switchboard and Supply Company. (See Stehlik, F. J., and Schumann, assignors.)

Kelly, Daniel A., assignor to The Prime Manufacturing Company, Milwaukee, Wis. Storing and handling case for phonograph records. 2,344,919; Mar. 21.

Kelly, Earl M., and A. M. Kivari, Los Angeles, Calif., assignors to The Dorr Company, Inc., New York, N. Y. Purification of liquids. 2,360,811; Oct. 17.

Kelly, Earl M., and A. M. Kivari, Los Angeles, Calif., assignors to The Dorr Company, Inc., New York, N. Y. Purification of liquids. 2,360,812; Oct. 17.

Kelly, Edmund P. (See Saari, Frank E., assignor.)

Kelly, Edward E. (See Kacena, J. J., and Kelly.)

Kelly, Frederick G., assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Meter system. 2,362,562; Nov. 14.

Kelly, G. A., Plow Company. (See Hollis, Homer, assignor.)

Kelly, James M., Trafford, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Mold and making it. 2,363,337; Nov. 21.

Kelly, John H., Jr., and M. M. Stern, assignors to Dryden Rubber Company, Chicago, Ill. Rubber composition and making same. 2,351,860; June 20.

Kelly, John W. (See Ledwinka, J., and Kelly.)

Kelly, John W. (See Ledwinka, J., Trautvetter, and Kelly.)

Kelly, John W., La Canada, Calif., assignor to Adel Precision Products Corp. Pump piston. 2,362,139; Nov. 7.

Kelly, Louis J. (See Van Horn, L., and Kelly.)

Kelly, Louis J., Teaneck, and L. Van Horn, Westfield, assignors to The M. W. Kellogg Company, Jersey City, N. J. Catalytic hydrocarbon conversions. 2,357,332; Sept. 5.

Kelly, Mart W., Bartlesville, Okla. Dual bicycle seat. 2,358,399; Sept. 19.

Kelly-Wheaton Company. (See Wheaton, Estel O., assignor.)

Kelly, William M., Westfield, N. J. Printing press. 2,365,278; Dec. 19.

Kelman, David J., Brooklyn, N. Y. Scouring device and making the same. 2,350,357; June 6.

Kelsay, Le Roy W. (See Halbrook, W. W., and Kelsay.)

Kelsey-Hayes Wheel Company. (See Forbes, Joseph A., assignor.)

Kelsey-Hayes Wheel Company. (See Jacobi, Emil R., assignor.)

Kelsey, Cadwallader W., Troy, N. Y. Motor. 2,352,267; June 27.

Kelsey-Hayes Wheel Company. (See Forbes, Joseph A., assignor.)

Kelsey-Hayes Wheel Company. (See Le Jeune, Frank H., assignor.)

Kelsey-Hayes Wheel Company. (See Sinclair, Charles W., assignor.)

Kelsey-Hayes Wheel Company. (See Zimmerman, Thomas, assignor.)

Kelso, Charles D., Princeton, N. J., and L. W. Mixon, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Lubricant. Re. 22,464; Apr. 4.

Kelton, Frank C., Jr., assignor to Core Laboratories, Inc., Dallas, Tex. Connate water determination. 2,352,638; July 4.

Kem Plastic Playing Cards, Inc. (See Sowa, Frank J., assignor.)

Kemmer, Eugene S., and J. E. Titus, La Fayette, and W. K. Oyler, West Lafayette, Ind. Multiple ventilating system. 2,349,627; May 23.

Kemmer, Paul H. (See Weaver, E. R., and Kemmer.)

Kemmer, Paul H., C. E. Reichert, and C. J. Spere, Dayton, Ohio. Sealed universal mounting. 2,339,783; Jan. 25.

Kemp, Archie R. (See Fuller, C. S., and Kemp.)

Kemp, James B. (See Kirton, G. A., and Kemp.)

Kemp, Lebbeus C. (See Horton, F., Kemp, Nagle, and Scoville.)

Kemp, Lebbeus C., Fishkill, assignor, by mesne assignments, to The Texas Company, New York, N. Y. Catalytic conversion of hydrocarbons. 2,353,832; July 18.

Kemp, Milton H., Oak Park, Ill., assignor to The Kendall Company, Boston, Mass. Protective sheet material. 2,357,662; Sept. 5.

Kemp, Walter N. (See Hassett, Raymond J., assignor.)

Kemper, Harry C. (See Groene, W. F., and Kemper.)

Kemper, Harry C. (See Le Blond, R. K., and Kemper.)

Kemper, Harry C., Goshen Township, Clermount County, and R. R. Ruzicka, assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Machine tool rapid traverse mechanism. 2,354,266; July 25.

Kemper, Maxwell F., Los Angeles, Calif. Apparatus for handling materials. 2,344,703; Mar. 21.

Kempf, William C. (See Geiger, C. F., Clapp, and Kempf.)

Kempthorn, David C., Akron, assignor to The Sun Rubber Company, Barberton, Ohio. Producing hollow rubber articles. 2,346,634; Apr. 11.

Kenaga, Ivan A., assignor to The Dow Chemical Company, Midland, Mich. Recovery and purification of bromine. 2,359,221; Sept. 26.

Kendall Company, The. (See Eustis, Warner, assignor.)

Kendall Company, The. (See Kemp, Milton H., assignor.)

Kendall Company, The. (See Reed, Raymond E., assignor.)

Kendall Company, The. (See Ziegler, P. F., and Hoeglund, assignors.)

Kendall, Donald B., assignor to Toledo Scale Company, Toledo, Ohio. Weighing scale. 2,346,108; Apr. 4.

Kendall, Edgar H. (See Rodder, W., and Kendall.)

Kendall, George H. (See Batesole, D. E., and Kendall.)

Kendall, George H., Noroton Heights, Conn. Pulley bearing. 2,349,281; May 23.

Kendall, George H., Noroton Heights, Conn. Controlled temperature bearing. 2,352,206; June 27.

Kendall, George H., Darien, Conn., S. Oxhandler, Flushing, N. Y., and H. W. Brooks, West Haven, assignors to Sargent & Company, New Haven, Conn. Pivotal mounting. 2,362,012; Nov. 7.

Kendall, John D., assignor to Ilford Limited, Ilford, England. Sensitized photographic material. 2,340,882; Feb. 8.

Kendall, John D., assignor to Ilford Limited, Ilford, England. Production and use of dyestuffs. 2,343,546; Feb. 22.

Kendall, John D., and D. J. Fry, assignors to Ilford Limited, Ilford, England. Dyestuffs and dyestuff intermediates. 2,353,164; July 11.

Kendall, John D., and D. J. Fry, assignors to Ilford Limited, Ilford, England. Dyestuffs for use in photography. 2,355,654; Aug. 15.

Kendall, Myron A., and C. C. Moore, Aurora, Ill., assignors to Stephens-Adamson Mfg. Co. Conveyer apparatus. 2,358,289; Sept. 12.

Kendall, Myron A., and C. C. Moore, Aurora, Ill., assignors to Stephens-Adamson Mfg. Co. Coal cleaner. 2,358,293; Sept. 12.

Kendall, Paul D. (See Tresise, R. E., and Kendall.)

Kende, George, Dobbs Ferry, and S. Johanson, assignors to Universal Camera Corporation, New York, N. Y. Photographic apparatus. 2,350,237; May 30.

Kende, George, Dobbs Ferry, and E. Elison and S. Johanson, assignors to Universal Camera Corporation, New York, N. Y. Forming optical prisms. 2,352,551; June 27.

Kenderdine, John M. (See Clements, D. T., and Kenderdine.)

Kendle, John J., Buckley, and E. W. Young, Copalis Crossing, Wash. Splitting mechanism. 2,356,324; Aug. 22.

Kendrick, Charles M., and H. Steen, New York, N. Y., assignors to Manly Corporation, Washington, D. C. Fluid pressure device. 2,357,333; Sept. 5.

Kendrick, Charles M., and H. Steen, New York, N. Y., assignors to Manly Corporation, Washington, D. C. Fluid pressure device. 2,357,334; Sept. 5.

Kenefake, Edwin W. (See Wilcox, J. F., and Kenefake.)

Kenefake, Edwin W., Schenectady, N. Y., assignor to General Electric Company. Diode rectifier circuits. 2,341,325; Feb. 8.

Kenerson, Stanley M., assignor to The Standard Electric Time Company, Springfield, Mass. Electromagnetic audible signal. 2,357,743; Sept. 5.

Kenigson, Harry, Brooklyn, N. Y. Egg tray set. 2,351,051; June 13.

Kenitz, Ervin, Elgin, Minn. Soy bean cleaner. 2,361,034; Oct. 24.

Kenlea Mfg. Corporation. (See Ferrante, John, assignor.)

Kenlee Corporation. (See Lee, Roger K., assignor.)

Kenmar Manufacturing Company. (See Skinner, Edward D., assignor.)

Kenneally, Martin M., Brighton, assignor to The Porcelain Insulator Corporation, Lima, N. Y. Insulating protector for conducting wires. 2,361,109; Oct. 24.

Kennecott Corporation. (See Larson, Leonard, assignor.)

Kennedy, Daniel J., Vancouver, British Columbia, Canada. Treatment of green coffee. 2,341,723; Feb. 15.

Kennedy, Daniel J., Vancouver, British Columbia, Canada. Coffee. 2,341,724; Feb. 15.

Kennedy, Donald S., Longparish, Andover, England. Nonskin device. 2,347,415; Apr. 25.

Kennedy, Donald S., Harewood Forest, Longparish, Andover, England. Nonskin device. 2,347,416; Apr. 25.

Kennedy, James A., Ann Arbor Township, Washtenaw County, Mich. Control system for motor vehicles. 2,352,104; June 20.

Kennedy, James D., Chattanoogn, Tenn. Globe. 2,354,381; July 25.

Kennedy, James M., A. P. Knight, and H. J. Lee, assignors to Revere Copper and Brass Incorporated, Rome, N. Y. Method of copper plating stainless steel cooking vessels. 2,363,973; Nov. 28.

Kennedy, Luke F., Schenectady, N. Y., assignor to General Electric Company. Electric protective arrangement. 2,346,971; Apr. 18.
Kennedy, Roi, Los Angeles, and C. L. Hill, Burbank, Calif., assignors to Lockheed Aircraft Corporation. Pneumatic punch jig. 2,342,867; Feb. 29.
Kennedy, Truman H. (See Carter, J. W., and Kennedy.)
Kennedy, William D., Deerfield, Mass. Treating leathers and the like. 2,361,296; Oct. 24.
Kennedy, William J., Astoria, Long Island, N. Y., assignor to American Telephone and Telegraph Company. Code signaling system. 2,353,673; July 18.
Kennelly, Jeremiah D., Oak Park, Ill. Light. 2,342,202; Feb. 22.
Kennelly, Jeremiah D., Oak Park, Ill. Socket. 2,349,097; May 16.
Kennerly, William J., Montevallo, Ala. Scoring device for examination papers. 2,357,744; Sept. 5.
Kennett, Ralph B., Elizabeth, assignor to Tung-Sol Lamp Works, Inc., Newark, N. J. Signal system. 2,358,332; Sept. 19.
Kenney, Albert J., New York, N. Y., assignor of one-half to C. A. Price, Washington, D. C. Sand blast abrading machine. 2,360,140; Oct. 10.
Kenney, Clifton V., Bayonne, N. J. Necktie. 2,347,484; Apr. 25.
Kenney, Clifton V., Bayonne, N. J. Necktie roller mounting. 2,347,485; Apr. 25.
Kenney, Harry W. (See Kremer, E. H., and Kenney.)
Kenney, Vernon R., Bellingham, Wash. Fluid cooled brake drum. 2,360,141; Oct. 10.
Kenney, William F., Company, The. (See Holby, Frank A., assignor.)
Kenngott, Robert L. (See Doe, T. B., and Kenngott.)
Kennison, Frank, Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Support for fastening material. 2,348,219; May 9.
Kennison, Willis E., Providence, R. I. Clip. 2,343,062; Feb. 29.
Kenny, William J., Berwyn, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Welding apparatus. 2,355,444; Aug. 8.
Kenrick, Ralph S., assignor to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Automatic safety control for arc welding. 2,364,372; Dec. 5.
Kent, Allen H., New York, N. Y., assignor to Vard, Inc., Pasadena, Calif. Vector calculating machine. 2,364,149; Dec. 5.
Kent Chemical Corporation. (See Kent, Julius, assignor.)
Kent, Earle L., assignor to C. G. Conn, Ltd., Elkhart, Ind. Method of and apparatus for measuring mechanical vibrations. 2,343,063; Feb. 29.
Kent, Earle L., Elkhart, Ind., assignor to C. G. Conn, Ltd. Protective device for indicating instruments. 2,358,980; Sept. 26.
Kent, Frederick J., Glen Rock, assignor to Sipp-Eastwood Corporation, Paterson, N. J. Lapping machine. 2,352,105; June 20.
Kent, Henry A., Elmhurst, assignor to General Electric X-Ray Corporation, Chicago, Ill. Processing carbon electrodes. 2,364,536; Dec. 5.
Kent, Julius, New York, N. Y., assignor to Kent Chemical Corporation. Making cellulose powder. 2,353,243; July 11.
Kent, Lee W., Evanston, Ill. Window control. 2,354,382; July 25.
Kent-Moore Organization, Inc., Hinckley-Myers Division of. (See Graham, George M., assignor.)
Kent-Owens Machine Company. (See Bok, Arthur B., assignor.)
Kent, Robert D., Evanston, Ill., assignor to The Dicalite Company, Los Angeles, Calif. Lime treatment of sugar liquors. 2,340,128; Jan. 25.
Kent, Robert J., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Plug cutting tool. 2,351,435; June 13.
Kent, Robert J., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Linesman's cable car. 2,357,118; Aug. 29.
Kent, Robert J., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Cable guide. 2,360,237; Oct. 10.
Kentner, Carroll D., Medford Lakes, N. J., assignor to Radio Corporation of America. High frequency apparatus. 2,356,230; Aug. 22.
Ken-Tool Manufacturing Company, The. (See Krantz, Edwin G., assignor.)
Kenworth Motor Truck Corporation. (See Brown, Wallace M., assignor.)
Kenworth Motor Truck Corporation. (See Holmstrom, J. G., and Brown, assignors.)
Kenyon, Franklin P., New York, N. Y. Plug-in transformer. 2,343,675; Mar. 7.
Kenyon Instrument Co. (See Newell, Arthur T., assignor.)
Kenyon, William O., and E. C. Yackel, assignors to Eastman Kodak Company, Rochester, N. Y. Treating cellulose esters. 2,338,587; Jan. 4.
Kenyon, William O., and D. D. Reynolds, assignors to Eastman Kodak Company, Rochester, N. Y. Water-soluble high molecular weight amines. 2,360,238; Oct. 10.
Keough, Edward J. (See Mills, A. W., Rabenda, Furman, and Keough.)
Keough, Harold F. (See Holm, S., and Keough.)
Keown, George C., assignor, by direct and mesne assignments, to Master Combustor Company, Albert Lea, Minn. Grate structure. 2,346,586; Apr. 11.
Keown, Roy L. (See Burgeni, A., and Keown.)
Kepler, John F., Chicago, Ill. Signal. 2,349,355; May 23.
Keplinger, Charles H., Centralia, Ill., assignor to Shell Development Company, San Francisco, Calif. Gun perforator device. 2,344,778; Mar. 21.
Kercher, Arthur J., Berkeley, Calif. Fuel gas dispensing apparatus and method. 2,348,546; May 9.
Keresztesy, John C., Westfield, and E. Rickes, assignors to Merck & Co., Inc., Rahway, N. J. Production of riboflavin from fermentation residues. 2,355,220; Aug. 8.
Kerlow Steel Flooring Company. (See Bunker, Herbert H., assignor.)
Kermer, Martin J., assignor to Buffalo Foundry & Machine Co., Buffalo, N. Y. Separator for evaporators. 2,338,117; Jan. 4.
Kern, Emil, assignor to Acco Products, Inc., Long Island City, N. Y. Fastener. 2,339,411; Jan. 18.
Kern, Emil, assignor to Acco Products, Inc., Long Island City, N. Y. Fastener. 2,339,412; Jan. 18.
Kern, Jean G., Buffalo, N. Y., assignor to Allied Chemical & Dye Corporation. Coloring of organic derivatives of cellulose. 2,349,282; May 23.
Kern, Rudolf. (See Hopff, H., Weickmann, and Kern.)
Kern, Rudolf, Siegburg, Germany; vested in the Alien Property Custodian. Apparatus for the loosening of matted fibrous materials. 2,341,623; Feb. 15.
Kern, Rudolf, Ludwigshafen-on-the-Rhine, Germany; vested in the Alien Property Custodian. Producing film-forming diamine-carbon disulphide condensation products. 2,356,764; Aug. 29.
Kern, Walter, Staudach, P. Sutter, Basel, and R. Tobler, Riehen, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Thianthrene vat dyestuffs and a process of producing the same. 2,338,516; Jan. 4.
Kernan, John R. (See Downes, A. W., and Kernan.)
Kerns, Clarence C. (See Kienle, R. H., Amick, and Kerns.)
Kerns, William J., Rahway, and H. G. Schneider, Roselle, N. J., assignors to Standard Alcohol Company. Production of alcohols. 2,350,558; June 6.
Kerr, Arthur N., Los Angeles, Calif., assignor to Phillips Petroleum Company. System for storage and utilization of fuel gases. 2,351,131; June 13.
Kerr, Charles E., Hoopeston, Ill., assignor to Food Machinery Corporation, San Jose, Calif. Filling valve. 2,348,480; May 9.
Kerr, Charles E., Hoopeston, Ill., assignor to Food Machinery Corporation San Jose, Calif. Quality grader. 2,355,735; Aug. 15.
Kerr, Charles E., Hoopeston, Ill., assignor to Food Machinery Corporation San Jose, Calif. Filling machine. 2,360,565; Oct. 17.
Kerr Dental Manufacturing Co. (See Nelson, J. F., and Nauss, assignors.)
Kerr, Horace J. B., Millersburg, Pa. Potato picking and bagging machine. 2,338,337; Jan. 4.
Kerr, Howard J. (See Bailey, E. G., Kerr, Fletcher, Watts, and Koolstra.)
Kerr, Howard J., Westfield, assignor to The Babcock & Wilcox Company, Newark, N. J. Pressure vessel. Re. 22,436; Feb. 15.
Kerr, Howard J., Westfield, N. J., and J. Fletcher, Akron, G. A. Watts, Barberton, and L. Koolstra, Akron, Ohio, assignors to The Babcock & Wilcox Company, Newark, N. J. Method of and apparatus for burning fuel. 2,357,302; Sept. 5.
Kerr, Howard J., Westfield, N. J., and J. Fletcher, Akron, G. A. Watts, Barberton, and L. Koolstra, Akron, Ohio, assignors to The Babcock & Wilcox Company, Newark, N. J. Combustion apparatus and method. 2,357,303; Sept. 5.
Kerr, James G., Washington, D. C., assignor to Gilman Fanfold Corporation, Niagara Falls, N. Y. Multiuse manifolding assembly. 2,360,142; Oct. 10.
Kerr, James G., Washington, D. C., assignor to Gilman Fanfold Corporation, Niagara Falls, N. Y. Continuous multiuse manifolding assembly. 2,360,143; Oct. 10.
Kerr-Lawson, Douglas E., Swastika, Canada. Apparatus for feeding material. 2,359,367; Oct. 3.
Kerr, Ralph L., Houston, Tex. Rotary plug valve. 2,354,864; Aug. 1.
Kerridge, Frank E. (See Box, E. R., and Kerridge.)
Kerrison, Oscar C. (See Paterson, W., and Kerrison.)
Kershaw, Henry, Belleville, N. J. Producing flush contacts. 2,354,028; July 18.
Kershaw, John G., Westmount, assignor to Dominion Textile Company Limited, Montreal, Quebec, Canada. Clearer roll for spinning frames. 2,346,381; Apr. 11.
Kerstan, Walter, Frankfort-on-the-Main, Germany; vested in the Alien Property Custodian. Production of white opaque enamels. 2,338,439; Jan. 4.
Kerth, Hillard J., New Orleans, La. Nursing bottle holder. 2,364,537; Dec. 5.
Kerzak, Andrew, Bronx, N. Y. Engine head removing tool. 2,340,598; Feb. 1.
Kessler, Ernest C. (See Clifton, P., and Keseler.)

Keshian, Henry G., assignor to Chase Brass & Copper Co. Incorporated, Waterbury, Conn. Metal drawing die. 2,350,465; June 6.
Keslar, Leroy D., Tarentum, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Making laminated glass. 2,353,473; July 11.
Kesner, Michael L., Chicago, Ill. Furniture construction. 2,352,106; June 20.
Kesselring, Clarence, Anaconda, Mont. Telescopic sight mount for firearms. 2,350,169; May 30.
Kesselring, Fritz, Berlin-Frohnau, Germany; vested in the Alien Property Custodian. Device for interrupting overloads. 2,338,946; Jan. 11.
Kesselring, Fritz, Berlin-Frohnau, and W. Puttfarcken, Berlin-Spandau, Germany; vested in the Alien Property Custodian. Device for controlling power circuits. 2,359,563; Oct. 3.
Kessenich, Gregory J. (See Church, J. H., and Kessenich.)
Kessenich, Gregory J. (See Thibodeau, W. E., and Kessenich.)
Kessler, Charles A., Plainfield, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Presser foot for sewing machines. 2,366,113; Dec. 26.
Kessler, Charles A., Plainfield, and H. Ritter, Cranford, assignors to The Singer Manufacturing Company, Elizabeth, N. J. Circular stitching device for sewing machines. 2,359,713; Oct. 3.
Kessler, Charles J., Cleveland Heights, assignor to Perfection Stove Company, Cleveland, Ohio. Oil burning apparatus. 2,347,268; Apr. 25.
Kessler Chemical Co. (See Wasum, Ludwig W., assignor.)
Kessler, Frank, Lombard, Ill., assignor to Automatic Electric Laboratories, Inc. Telephone system. 2,352,107; June 20.
Kessler, Frank, Lombard, Ill., assignor to Automatic Electric Laboratories, Inc. Telephone system. 2,358,013; Sept. 12.
Kessler, Robert E., Upper Montclair, assignor to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Shading generator. 2,338,646; Jan. 4.
Kestell, Thomas A., Leicester, England, assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Lock-stitch sewing machine. 2,358,860; Sept. 26.
Kestenman Bros. Mfg. Co. (See Holmquist, Frederick E., assignor.)
Kester, Arthur S., assignor to The Rauland Corporation, Chicago, Ill. Variable condenser. 2,348,391; May 9.
Kester, Arthur S., assignor to The Rauland Corporation, Chicago, Ill. Variable condenser. 2,348,392; May 9.
Kester, Ernest B. (See Roche, J. N., and Kester.)
Kester, Ernest B., Forest Hills, assignor to Koppers Company, Pittsburgh, Pa. Coating composition and process of preparing the same. 2,339,271; Jan. 18.
Kester, Lynn C., Hereford, Tex. Hood for stoves. 2,353,244; July 11.
Kester, Lynn C., Hereford, Tex. Automatic air control for gas burners. 2,364,299; Dec. 5.
Kester, Ralph C., Wichita, Kans. Auxiliary carriage for turning lathe cutters. 2,339,016; Jan. 11.
Ketchum, Lyman G., Oakiyn, N. J., assignor to Radio Corporation of America. Mounting hollow structures. 2,356,934; Aug. 29.
Ketchpel, Paul A. (See von Hofe, G. W., and Ketchpel.)
Ketchum Manufacturing Co., Limited. (See Mackey, Alexander S., assignor.)
Ketchum, William R., Phoenix, Ariz. Apparatus for extracting and refining citrus fruit juices. 2,365,883; Dec. 26.
Ketel, Henry, Holland, Mich. Fifth wheel. 2,348,977; May 16.
Ketola, John, Detroit, Mich. Fitting for attaching side rails to corner posts. 2,345,344; Mar. 28.
Kett Tool Company, The. (See Kett, Albert C., assignor.)
Kettler, Alfred H. (See Anderson, L. J., and Kettler.)
Ketz, Charles T., Novelty, Ohio. Work clamp. 2,351,436; June 13.
Keuffel, Adolf W., Montclair, and G. L. Hensel, Lyndhurst, N. J., assignor to Keuffel & Esser Company, Hoboken, N. J. Measuring tape. 2,354,756; Aug. 1.
Keuffel, Carl W., Weehawken, assignor to Keuffel & Esser Company, Hoboken, N. J. Drafting machine. 2,350,358; June 6.
Keuffel & Esser Company. (See Holden, John, assignor.)
Keuffel & Esser Company. (See Keuffel, A. W., and Hensel.)
Keuffel & Esser Company. (See Keuffel, Carl W., assignor.)
Keuffel & Esser Company. (See Wiedemann, Hans, assignor.)
Keuper, William J. (See Carothers, T. A., and Keuper.)
Keusder, Walter W., Los Angeles, Calif. Window construction. 2,356,409; Aug. 22.
Key, Ava J. E., Hempstead, N. Y. Garment waistband. 2,353,567; July 11.
Key Company. (See Gallop, Joseph W., assignor.)
Keystone Index Card Company. (See Thomas, Charles W., assignor.)
Keyser, John, West Allis, Wis. Drain plug. 2,355,979; Aug. 15.
Khalil, Seyed, New York, N. Y. Typewriter and the like. 2,349,554; May 23.
Kharasch, Morris S., Chicago, Ill., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of mercaptans. 2,365,561; Dec. 19.
Khoenle, Herman F., assignor to The Enterprise Manufacturing Company, Akron, Ohio. Fishing reel. 2,355,445; Aug. 8.
Kiang, Piao, Washington, D. C. Gun carriage. 2,344,252; Mar. 14.
Kibitz, Harold, Oak Park, assignor to J. W. Droll Company, Chicago, Ill. Manufacture of mattresses. 2,345,675; Apr. 4.
Kiburz, Jack Y. (See Kiburz, John and J. Y.)
Kiburz, John and J. Y., University City, assignors to John Kiburz Pattern Company, St. Louis, Mo. Flow indicator. 2,347,830; May 2.
Kiburz, John, Pattern Company. (See Kiburz, John and J. Y., assignors.)
Kidd, Dater & Price Grocery Co. (See Moyer, Ralph E., assignor.)
Kidd, Ernest L., Glenhayes, W. Va. Tie plate. 2,355,655; Aug. 15.
Kidd, Frederick and T. D., Stockton-on-Tees, England. Ladder. 2,348,136; May 2.
Kidd, Thomas D. (See Kidd, Frederick and T. D.)
Kieckhefer Container Company. (See Kieckhefer, Herbert M., assignor.)
Kieckhefer, Herbert M., Riverton, assignor to Kieckhefer Container Company, Delair, N. J. Stiffness testing device. 2,338,338; Jan. 4.
Kiefer, Carl J., and E. S. Monohan, Cincinnati, Ohio, assignors to Schenley Distillers Corporation, New York, N. Y. Production of high-proof alcohol. 2,359,860; Oct. 10.
Kiefer, Felix, Flushing, N. Y. Preservation of comestibles. 2,347,486; Apr. 25.
Kiefer, James M. (See Zeigler, A. H., Stingley, and Kiefer.)
Kiefer, Karl, Machine Company, The. (See Hallead, Mervil, assignor.)
Kiefer, Robert W. (See Carruthers, T. F., and Kiefer.)
Kiefer, Walter J., Belvidere, Ill. Seat support. 2,364,225; Dec. 5.
Kiehl, Harry R., assignor to Corning Glass Works, Corning, N. Y. Incandescent lamp assembly. 2,365,963; Dec. 26.
Kiehl, Harry R., and W. W. Shaver, assignor to Corning Glass Works, Corning, N. Y. Tempering glass articles. 2,359,222; Sept. 26.
Kienle, Roy H., and F. E. Petke, Bound Brook, N. J., assignors to American Cyanamid Company, New York, N. Y. Dyeing of polyvinyl halide-acetate copolymer fibers and fabrics. 2,359,735; Oct. 10.
Kienle, Roy H., Bound Brook, R. H. Park, Bridgewater Township, Somerset County, C. H. Benbrook, North Plainfield, and E. F. Grieb, Bound Brook, N. J., assignors to American Cyanamid Company, New York, N. Y. Device for measurement of color changes and reactions. 2,359,736; Oct. 10.
Kienle, Roy H., and C. A. Amick, Bound Brook, and C. C. Kerns, Middlesex Boro, N. J., assignors to American Cyanamid Company, New York, N. Y. Printing compositions and printing therewith. 2,364,359; Dec. 5.
Kiehn, Arthur W., Elizabeth, N. J. Buttering machine. 2,353,474; July 11.
Kiely, Daniel J., North Providence, R. I. Air sterilizing apparatus. 2,347,954; May 2.
Kienitz, Sidney E., New York, assignor to Penthrathane Products, Inc., Long Island City, N. Y. Crankcase insulation. 2,350,559; June 6.
Kienle, Roy Herman, and C. A. Amick, Bound Brook, N. J., assignors to American Cyanamid Company, New York, N. Y. Vat color composition for printing. 2,354,463; July 25.
Kienzle, Jean A. P., Nogent sur Oise, France; vested in the Alien Property Custodian. Condensation products of urea and amines. 2,352,552; June 27.
Kienzle, Lester C., Syracuse, N. Y., and H. J. Wollner, Washington, D. C., assignors to The Prosperity Company, Inc., Syracuse, N. Y. Tool for sampling baled material. 2,346,220; Apr. 11.
Kiers, Albert and R. J., Ladue Village, Mo. Food preservative. 2,339,704; Jan. 18.
Kiers, Roelof J. (See Kiers, Albert and R. J.)
Kiersted, Wynkoop, Jr., Scarsdale, assignor, by mesne assignments, to The Texas Company, New York, N. Y. Filtration. 2,341,045; Feb. 8.
Kiersted, Wynkoop, Jr., Scarsdale, assignor, by mesne assignments, to The Texas Company, New York, N. Y. Solvent separation of liquid mixtures. 2,346,491; Apr. 11.
Kiersted, Wynkoop, Jr., Scarsdale, assignor, by mesne assignments, to The Texas Company, New York, N. Y. Filtration. 2,348,822; May 16.
Kies, Mary R. (See Lyndes, H. J., and Kies.)
Kiesel, Albert H., Tiffin, Ohio. Power shovel. 2,344,821; Mar. 21.
Kiesel, John S., assignor to Darling Valve and Manufacturing Company, Williamsport, Pa. Hydrant assembly. 2,340,965; Feb. 8.
Kieser, Hugo, Heidenheim, Brenz, Germany, assignor to American Voith Contact Company, Inc., New York, N. Y. Speed-responsive regulator for hydraulic gears. 2,341,624; Feb. 15.

Kieser, Hugh, Heidenheim, Brenz, Germany, assignor to American Voith Contact Company, Inc., New York, N. Y. Governing device for engines, especially for the drive of ship screws with variable pitch. 2,343,378; Mar. 7.

Kiesskalt, Siegfried, E. Kruta, H. Quednau, and F. Patat, Frankfort-on-the-Main, Germany; vested in the Alien Property Custodian. Adsorbing gases and vapors. 2,349,098; May 16.

Kiesskalt, Siegfried, Frankfort-on-the-Main, Germany; vested in the Alien Property Custodian. Adsorbing gases and vapors. 2,354,383; July 25.

Kiessling, Max, assignor to The American Fastener Company, Waterbury, Conn. Machine gun belt tang. 2,360,501; Oct. 17.

Kiessling, Max, assignor to The American Fastener Company, Waterbury, Conn. Chin strap buckle. 2,363,872; Nov. 28.

Kiest, Bert E., Pocatello, Idaho. Beet harvester. 2,358,400; Sept. 19.

Kiff, William J., Buffalo, N. Y. Dental device. 2,358,645; Sept. 19.

Kight, Grace D. (See Kight, William D., assignor.)

Kight, William D., Chicago, Ill., assignor to G. D. Kight, Cincinnati, Ohio. Breaker point. 2,339,996; Jan. 25.

Kilayin, Emanoel, Birmingham, England, assignor to The Timken Roller Bearing Company, Canton, Ohio. Roller cage. 2,359,120; Sept. 26.

Kilborn, Karl B., assignor to Wingfoot Corporation, Akron, Ohio. Removable tread block. 2,362,638; Nov. 14.

Kilborn, Karl B., and S. D. Gehman, assignors to Wingfoot Corporation, Akron, Ohio. Torsion unit. 2,352,586; June 27.

Kilborn-Sauer Company, The. (See Sauer, Henry J., assignor.)

Kilburg, James. (See Keen, T. A., and Kilburg.)

Kilchenmann, Walter, assignor to Sulzer Frères, Société Anonyme, Winterthur, Switzerland. Two-shaft opposed-piston internal combustion engine. 2,346,587; Apr. 11.

Kilchenmann, Walter, assignor to Sulzer Frères, Société Anonyme, Winterthur, Switzerland. Two-shaft opposed-piston internal-combustion engine. 2,359,564; Oct. 3.

Kile, Eugene M., and S. Kain, assignors to John E. Fast & Company, Chicago, Ill. Condenser winding machine. 2,365,707; Dec. 26.

Kilgore, Lee A. (See Hanna, C. B., and Kilgore.)

Kilgore, Lee A. (See Myers, H. C., and Kilgore.)

Kilgore, Lee A., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Vapor electric device. 2,340,059; Jan. 25.

Kilgore Mfg. Company, The. (See Johnson, Edwin H., assignor.)

Kilgore Mfg. Company, The. (See Rickenbacher, Robert J., assignor.)

Kilgour, Frederick P., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Welding plastic material and device therefor. 2,360,950; Oct. 24.

Kilkis, Chester G., Chicago, Ill. Auxiliary window construction. 2,344,357; Mar. 14.

Killan, Jerome J., Osseo, Minn. Knife sharpener. 2,362,099; Nov. 14.

Killam, Gaston B. (See Moore, J., and Killam.)

Killefer Manufacturing Corporation. (See Mitchell, R. H., and McKay, assignors.)

Killefer Manufacturing Corporation. (See Thomas M., assignor.)

Killian, Donald B. (See Loder, D. J., Gresham, and Killian.)

Killman, Robert T., assignor to Eisele & Co., Nashville, Tenn. Nursing bottle with temperature indicator. 2,357,477; Sept. 5.

Kilmer, Charles B. (See Lowey, R. E., Potter, and Kilmer.)

Kilpatrick, Howard M., New York, N. Y. Staple strip package. 2,342,671; Feb. 29.

Kiltie, Ordean, Fort Wayne, Ind., assignor to General Electric Company. Phase converter. 2,359,763; Oct. 10.

Kimball, A., Company. (See Waters, James B., assignor.)

Kimball, A., Company. (See Welmont, Joseph, assignor.)

Kimball, Vernon R., Maywood, assignor to Bendix Aviation Corporation, Bendix, N. J. Caging means for gyroscopes. 2,350,769; June 6.

Kimball, Vernon R., Maywood, assignor to Bendix Aviation Corporation, Bendix, N. J. Gyro erecting mechanism. 2,351,619; June 20.

Kimball, Wallace D., Jackson Heights, N. Y., assignor to Standard-Knapp Corporation, Portland, Conn. Case packer. 2,350,560; June 6.

Kimball, Wallace D., and M. McFaull, Jackson Heights, and C. I. Braren, Jamaica, N. Y. Bag-handling machine. 2,340,883; Feb. 8.

Kimball, Wallace D., Jackson Heights, N. Y., and E. Ardell, Middletown, assignors to Standard-Knapp Corporation, Portland, Conn. Labeling machine. 2,342,294; Feb. 22.

Kimball, Wallace D., Jackson Heights, N. Y. and E. Ardell, Middletown, assignors to Standard-Knapp Corporation, Portland, Conn. Labeling machine. 2,354,688; Aug. 1.

Kimbel, Guy J., Philadelphia, Pa. Steam boiler. 2,343,907; Mar. 14.

Kimble Glass Company. (See Brewer, John H., assignor.)

Kimble Glass Company. (See Bruckner, Robert E., assignor.)

Kimble Glass Company. (See Cline, Leon E., assignor.)

Kimber, George A., Chicago, Ill. Cork. 2,353,674; July 18.

Kimberlin, Charles N., Jr., Baton Rouge, La., assignor to Standard Oil Development Company. Recovery of ethyl chloride. 2,352,268; June 27.

Kimberly, Walter R., assignor to Holland Furnace Company, Holland, Mich. Fuel economizer. 2,357,523; Sept. 5.

Kimes, Richard T., South Charleston, W. Va. Leg extension appliance for ladders. 2,350,116; May 30.

Kimmel, Charles P., Gary, Ind. Musical instrument. 2,341,725; Feb. 15.

Kimmel, George P., Brookeville, Md. Safety lowering device. 2,349,735; May 23.

Kimmel, George P., Brookeville, Md. Flying cannon. 2,356,674; Aug. 22.

Kimmel, Harry J., Seattle, Wash. Mechanical amusement device. 2,346,221; Apr. 11.

Kimmell, Garman O., Oklahoma City, Okla. Separator for treating foamy oil. 2,353,833; July 18.

Kimmig, Josef. (See Vonkennel, J., and Kimmig.)

Kincaid, Horace L., Tuscaloosa, Ala., assignor to Kincaid Kottentex Manufacturing Company, Inc. Composition board. 2,352,900; July 4.

Kincaid, John H., Cleveland Heights, assignor to The Wellman Engineering Company, Cleveland, Ohio. Locking rod operating mechanism for charging machines for open-hearth furnaces. 2,358,074; Sept. 12.

Kincaid Kottentex Manufacturing Company. (See Kincaid, Horace L., assignor.)

Kind & Knox Gelatine Company, et al. (See Downey, T. B., and Williams, assignors.)

Kindervater, Julius, Richmond, Va. Attachment for pneumatically tired wheels. 2,362,279; Nov. 7.

Kindl, Frederick H. (See MacLean, A. D., Kindl, and Evans.)

Kindseth, Harold V. (See Belcher, D., Munson, and Kindseth.)

Kiner, Glenn, Markham, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Repeater system. 2,342,586; Feb. 22.

Kiner, Glenn, Markham, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Drop-signal holder. 2,348,137; May 2.

Kinetic Chemicals, Inc. (See Benning, Anthony F., assignor.)

Kinetic Chemicals, Inc. (See Benning, A. F., and Park, assignors.)

Kinetic Chemicals, Inc. (See Benning, A. F., Downing, and Plunkett, assignors.)

Kinetic Chemicals, Inc. (See Benning, A. F., Downing, and Plunkett, assignors.)

Kinetic Chemicals, Inc. (See Laird, R. F., and Hartig, assignors.)

King, Alexander H., West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Making forged pistons. 2,344,358; Mar. 14.

King, Alexander J., Trenton, N. J., and D. S. Bobbins, Hamden, Conn., assignors to The American Steel and Wire Company of New Jersey. Plug type socket. 2,341,922; Feb. 15.

King, Andrew, Narberth, Pa. Folding microscope. 2,352,719; July 4.

King, Benton S., Brookhaven, Miss. Safety razor blade sharpener. 2,343,981; Mar. 14.

King, Charles C. (See Houghland, G. S., and King.)

King, Charles S., Osgood, Ind., assignor to Solid Back Brush Machinery Company, Detroit, Mich. Bristle-trimming mechanism. 2,351,344; June 13.

King, Delbert J., Los Angeles, Calif. Finishing tool. 2,356,165; Aug. 22.

King, Donald H., assignor to Household Finance Corporation, Chicago, Ill. Display device. 2,363,186; Nov. 21.

King, Douglas H., Short Hills, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone handset hanger. 2,339,413; Jan. 18.

King, Ernest J., New York, N. Y. Sewed connection. 2,353,960; July 18.

King Features Syndicate, Inc. (See Turner, Frank T., assignor.)

King, Frank A., Los Angeles, Calif. Reeling mechanism. 2,363,533; Nov. 28.

King, George E., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Planer control. 2,361,212; Oct. 24.

King, George E., and R. A. Geiselman, Wilkinsburg, assignors to Westington Electric & Manufacturing Company, East Pittsburgh, Pa. Regulating system. 2,340,060; Jan. 25.

King, George E., Wilkinsburg, Pa., and O. G. Rutemiller, Cincinnati, Ohio, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control for machine tools. 2,365,558; Dec. 19.

King, Gerald V., Chatham, N. J., and O. Myers, Mount Vernon, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system trouble recorder. 2,350,466; June 6.

King, Gordon A. A., Kew England. Horseshoe. 2,353,568; July 11.

King, Harry C., Cincinnati, Ohio, assignor to Day-Brite Lighting, Inc., St. Louis, Mo. Electric lighting fixture. 2,347,113; Apr. 18.

King, Irving G., & Company. (See Peebles, Frank B., assignor.)

King, James A., Portland, Oreg. Lifesaving apparatus. 2,342,868; Feb. 29.

King, James C., Lake Wales, Fla. Movable demountable scaffold support. 2,358,333; Sept. 19.

King, James R., et al. (See Ingram, Bernard J.)

King, John A., G. Kellogg, and P. Goodwin, Interlaken, N. Y. Cover mechanism. 2,349,283; May 23.

King, John H. (See Bostwick, L. G., and King.)

King, John M., Dover, N. J. Smoke torch. 2,340,329; Feb. 1.

King, John W., Oak Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Material handling apparatus. 2,353,405; July 11.

King, Julius, New York, N. Y. Vending machine. 2,335,335; Jan. 4.

King Kone Corporation. (See Tatosian, Harry G., assignor.)

King, Martin. (See Nudelman, Eoina, assignor.)

King, Ralph E., Short Hills, and O. R. Miller, Morristown, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. Re. 22,440; Feb. 22.

King, Ralph E., Short Hills, and Oh. B. Miller, Morristown, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. Re. 22,441; Feb. 22.

King, Robert E. (See Xenis, C. P., Parsons, Perine, King, and Bauman.)

King-Seeley Corporation. (See Bel, Rupert B., assignor.)

King-Seeley Corporation. (See Darnell, Rex C., assignor.)

King, Thomas E., Hartsdale, assignor to Lord & Burnham Company, Irvington-on-Hudson, N. Y. Building structure. 2,350,904; June 6.

King, Thomas E., Hartsdale, assignor to Lord & Burnham Company, Irvington-on-Hudson, N. Y. Floor construction. 2,360,775; Oct. 17.

King, Walter E., Houston, Tex. Swivel. 2,346,380; Apr. 11.

King, Wilbert A., Memphis, Tenn., assignor, by mesne assignments, to Allied Chemical & Dye Corporation. Production of resins. 2,350,400; June 6.

King, William R., Mineola, Tex. Time and volume control for gas intermitters. 2,339,487; Jan. 18.

King, Woods. (See Raney, William B., assignor.)

Kingery, Clark B., Parlin, N. J., assignor to Hercules Powder Company, Wilmington, Del. Pulping smokeless nitrocellulose. 2,341,221; Feb. 8.

Kingsbury, Franklin L., Rumson, and F. J. Schultz, Fords, N. J., assignors to National Lead Company, New York, N. Y. Calcium sulphate pigment and preparing the same. 2,341,994; Feb. 15.

Kingsbury, Franklin L., Old Farm Village, N. J., and C. L. Schmidt, Webster Groves, Mo., assignor to National Lead Company, New York, N. Y. Treating calcium sulphate pigments. 2,365,559; Dec. 19.

Kingsbury, Franklin L., Rumson, and F. J. Schultz, Fords, N. J., assignors to National Lead Company, New York, N. Y. Treating calcium sulphate pigments. 2,365,560; Dec. 19.

Kingsbury Machine Works, Inc. (See Lakey, Arthur B., assignor.)

Kingslake, Rudolf, and P. W. Stevens, assignors to Eastman Kodak Company, Rochester, N. Y. Wide-angle lens. 2,341,365; Feb. 8.

Kingsley, Charles C., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wire connector. 2,353,732; July 18.

Kingston, Arthur C., et al. (See Young, William D., assignor.)

Kingston, Arthur W., Denham, England. Molding press. 2,354,029; July 18.

Kingston, Jonas A., Reading, England. Horticultural and agricultural implement. 2,347,911; May 2.

Kingston Products Corporation. (See Guthrie, Bernard M., assignor.)

Kingston, Walter E., Emporium, Pa., assignor to Sylvania Electric Products, Inc. Direct-reading recording dilatometer. 2,351,572; June 13.

Kinish, Arthur R., Detroit, Mich. Window or door stop. 2,352,639; July 4.

Kinkaid, J. H. (See Stoltz, Edgar J., assignor.)

Kinkead, Fullerton S. (See Bacon, W. M., and Kinkead.)

Kinkead, Fullerton S. (See Dahlbom, C. A., Kinkead, and Locke.)

Kinkead, Fullerton S., deceased, New York, by R. S. Kinkead, administratrix, Trudeau, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph system. 2,360,878; Oct. 24.

Kinkead, Fullerton S., New York, and C. W. Lucek, Port Chester, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Teletypewriter exchange system. 2,340,599; Feb. 1.

Kinkead, Fullerton S., New York, J. A. Krecek, New Rochelle, N. Y., and W. R. Young, Jr., Summit, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Communication system. 2,347,831; May 2.

Kinkead, Rita S., administratrix. (See Bacon, W. M., and Kinkead.)

Kinkead, Rita S., administratrix. (See Kinkead, Fullerton S.)

Kinkel, John, Bedford, N. Y. Binding device for making garlands and the like. 2,343,190; Feb. 29.

Kinlein, John G., Baltimore, Md. Embossing. 2,343,191; Feb. 29.

Kinley, Myron M., Houston, Tex. Explosive screen cleaner. 2,362,829; Nov. 14.

Kinnan, Carl, Morgantown, W. Va. Road grader. 2,359,121; Sept. 26.

Kinnard, Isaac F., Boston, Mass., assignor to General Electric Company. Volt-ampere meter. 2,350,170; May 30.

Kinnard, Wolcott S., Whitefish Bay, Wis. Photometer. 2,353,475; July 11.

Kinne, Edmund P., Alliance, Ohio, assignor to American Steel Foundries, Chicago, Ill. Draft gear. 2,360,566; Oct. 17.

Kinne, Edmund P., Alliance, Ohio, assignor to American Steel Foundries, Chicago, Ill. Car coupler. 2,361,850; Oct. 31.

Kinneberg, Ivar H., assignor to Universal Oil Products Company, Chicago, Ill. Catalytic conversion of hydrocarbon oils. 2,345,753; Apr. 4.

Kinnebrew, William O., Winter Haven, Fla., assignor to Food Machinery Corporation, San Jose, Calif.. Bulk fruit weigher. 2,342,053; Feb. 15.

Kinner, Giles W., Mount Rainier, Md. Lifting tool for manhole covers. 2,348,978; May 16.

Kinney, Andrew S., Redwood Falls, Minn. Card game. 2,354,953; Aug. 1.

Kinney, John W., Jr. (See Ockrant, W., and Kinney.)

Kinnucan, James W., assignor to Continental Aviation and Engineering Corporation, Detroit, Mich. Fabricated crankcase structure. 2,340,885; Feb. 8.

Kinnucan, James W., Detroit, Mich., assignor, by mesne assignments, to Continental Aviation and Engineering Corporation. Aircraft power plant and propeller drive. 2,342,672; Feb. 29.

Kinnucan, James W., assignor to Continental Aviation & Engineering Corporation, Detroit, Mich. Reversing accessory drive assembly. 2,346,032; Apr. 4.

Kin-O-Lux, Inc. (See Nemnich, Gustav, assignor.)

Kipper, Herman B., Accord, Mass. Dehydrogenation of gaseous and liquid hydrocarbons. 2,365,413; Dec. 19.

Kinser, Vernon, Butterfield, Mo. Variable speed transmission. 2,342,149; Feb. 22.

Kinsley, Thomas G., Whitehouse, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave filter. 2,342,869; Feb. 29.

Kinsbach, Frank, Houston, Tex. Milling tool. 2,360,425; Oct. 17.

Kinzelman, Gerald W., Washington, D. C. Safety device for hydraulic power transmission apparatus. 2,349,284; May 23.

Kinzie, Charles J., and C. H. Commons, Jr., Niagara Falls, assignors to The Titanium Alloy Manufacturing Company, New York, N. Y. Enamelware and making same. 2,340,884; Feb. 8.

Kinzie, Charles J., and E. Wainer, Niagara Falls, assignors to The Titanium Alloy Manufacturing Company, New York, N. Y. Porous refractory. 2,341,561; Feb. 15.

Kinzie, Charles J., and D. S. Hake, Niagara Falls, assignors to The Titanium Alloy Manufacturing Company, New York, N. Y. Vitreous enameling. 2,343,908; Mar. 14.

Kinzinger, Siegfried M. (See Walsh, J. F., Kinzinger, and Morgan.)

Kiper, James E., English, Ky. Pitman attachment. 2,353,476; July 11.

Kipnis, Frank. (See Gordon, S. M., and Kipnis.)

Kipper, Herman B., Accord, Mass. Dehydrogenation of liquid and gaseous petroleum hydrocarbons. 2,341,995; Feb. 15.

Kipper, Herman B., Accord, Mass. Process for the synthesis of drying oils from petroleum hydrocarbons. 2,345,754; Apr. 4.

Kipper, Herman B., Accord, Mass. Dehydrogenation of gaseous and liquid petroleum hydrocarbons. 2,360,689; Oct. 17.

Kipper, Joseph, Seattle, Wash. Holder for glass jars. 2,340,330; Feb. 1.

Kirby, James B., West Richfield, assignor to The Apex Electrical Manufacturing Company, as trustee, Cleveland, Ohio. Laundry machine. 2,344,253; Mar. 14.

Kirby, James E. (See Hunt, M., and Kirby.)

Kirby, James E. (See Hunt, M., Kirby, and Lonts.)

Kirby, James E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Flotation. 2,341,046; Feb. 8.

Kirby, James E., and D. W. Woodward, assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. N-substituted aminonaphthol dye intermediates. 2,365,345; Dec. 19.

Kirby, Julian N., and E. W. Grunske, assignors to St. Paul Machinery Manufacturing Company, St. Paul, Minn. Carving machine structure. 2,342,473; Feb. 22.

Kirby, Walter G., and P. M. Elliott, Naugatuck, Conn., assignors to United States Rubber Company, New York, N. Y. Reclaiming waste polychloroprenes. 2,343,558; Mar. 7.

Kirby, Walter G., and L. E. Steinle, Naugatuck, Conn., assignors to United States Rubber Company, New York, N. Y. Reclaiming waste polychloroprenes. 2,343,559; Mar. 7.

Kirby, Walter G., and L. E. Steinle, Naugatuck, Conn., assignors to United States Rubber Company, New York, N. Y. Reclaiming scrap containing vulcanized copolymers of butadiene-1,3 and compounds copolymerizable therewith. 2,359,122; Sept. 26.

Kirby, Walter G., and L. E. Steinle, Naugatuck, Conn., assignors to United States Rubber Company, New York, N. Y. Reclaiming waste polychloroprenes. 2,363,873; Nov. 28.

Kirchel, Alan A. (See Salmon, R. D., and Kirchel.)

Kircher, Ralph N., assignor to West Bend Aluminum Company, West Bend, Wis. Serving bowl. 2,349,099; May 16.

Kirchheim, André G. C., Aix La Chapelle, Germany; vested in the Alien Property Custodian. Manufacturing glass articles. 2,348,823; May 16.

Kirchmann, Henry, Jr. (See Warburton, Alfred N., Jr., assignor.)

Kirchmann, Henry, Jr., San Francisco, assignor of one-half to A. N. Warburton, Oakland, Calif. Rotary drier. 2,347,487; Apr. 25.

Kirchner, Albert H. (See Keith, Glenn.)

Kirchner, Gerhard, Roda, near Ilmenau, Thuringia, Germany; vested in the Alien Property Custodian. Producing articles by an injection molding machine. 2,350,770; June 6.

Kirchner, Henry P. (See Melton, R. L., Kirchner, and Benner.)

Kirchner, Richard G., San Diego, Calif. Surfboard. 2,355,802; Aug. 8.

Kirk & Blum Manufacturing Company, The. (See Hulton, Charles S., assignor.)

Kirk, Charles C. (See Waller, Percy H., assignor.)

Kirk, James H. (See Finley, W. L., and Kirk.)

Kirk, Louis R. (See Montgomery, D. H., and Kirk.)

Kirk, Martin J., assignor to Johnson Laboratories, Inc., Chicago, Ill. Push button operating mechanism for permeability tuning purposes. 2,344,091; Mar. 14.

Kirk, Martin J., assignor to Johnson Laboratories, Inc., Chicago, Ill. Tensioning device for winding machines. 2,363,977; Nov. 28.

Kirk, Philip M., Stamford, and P. P. McClellan, Old Greenwich, Conn., assignors to American Cyanamid Company, New York, N. Y. Producing unsaturated derivatives of alpha-hydroxyisobutyric acid esters. 2,356,247; Aug. 22.

Kirk, Philip M., Stamford, and J. H. Paden, Glenbrook, Conn., assignors to American Cyanamid Company, New York, N. Y. Preparation of β-alanine. 2,364,538; Dec. 5.

Kirk-Schneider, H. Montague, New York, N. Y. Cosmetic or like holder. 2,360,350; Oct. 17.

Kirk, Stanley B., New Rochelle, N. Y., assignor to The Linde Air Products Company. Treating welds. 2,356,854; Aug. 29.

Kirk, Thomas H., Lake Worth, and W. B. Kirk, Lantana, Fla. Milking apparatus. 2,345,819; Apr. 4.

Kirk, Walter B., East McKeesport, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Drain valve mechanism. 2,345,380; Mar. 28.

Kirk, William B. (See Kirk, Thomas H. and W. B.)

Kirkland, Edward W., and H. E. Otto, assignors to Cooper Paper Box Corporation, Buffalo, N. Y. Dispensing container or carton. 2,342,081; Feb. 15.

Kirkland, Edward W., and H. E. Otto, assignors to Cooper Paper Box Corporation, Buffalo, N. Y. Dispensing container or carton. 2,346,134; Apr. 11.

Kirkland, Everett R., Torrance, Calif. Hydraulic jack. 2,352,390; June 27.

Kirkland, Robert D., Port Washington, assignor to Mackay Radio and Telegraph Company, New York, N. Y. Wave transmission system. 2,344,884; Mar. 21.

Kirkpatrick, Edward C., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilization of organic compounds. 2,346,425; Apr. 11.

Kirkpatrick, Henry O., assignor, by mesne assignments, to Advance Manufacturing, Incorporated, Detroit, Mich. Mounting for refrigerating apparatus and the like. 2,363,974; Nov. 28.

Kirkpatrick, Joseph R., South Euclid, assignor to Perfection Stove Company, Cleveland, Ohio. Liquid feeding means. 2,341,146; Feb. 8.

Kirkpatrick, Scott C., Indianapolis, Ind. Storm sash and window screen structure. 2,357,119; Aug. 29.

Kirkpatrick, William J., Marshallton, assignor to Hercules Powder Company, Wilmington, Del. Regenerating a "spent" noble metal oxide hydrogenation catalyst. 2,344,208; Mar. 14.

Kirkpatrick, William J., Marshallton, assignor to Hercules Powder Company, Wilmington, Del. Purification of rosin and rosin compounds. 2,361,213; Oct. 24.

Kirkpatrick, William J., Marshallton, assignor to Hercules Powder Company, Wilmington, Del. Derivatives of hydrogenated rosin. 2,363,252; Nov. 21.

Kirkstall Forge Limited. (See Cowell, Frederick R., assignor.)

Kirkwood, Loren R. (See Holst, P. F. G., and Kirkwood.)

Kirn, Howard C., Peterborough, Ontario, Canada, assignor to The Quaker Oats Company, Chicago, Ill. Grain huller. 2,352,327; June 27.

Kirschbaum, Harry M., Detroit, Mich. Composite sound record and representative graph and producing the same. 2,347,325; Apr. 25.

Kirschbaum, Harry M., Detroit, Mich. Combined infant resuscitator and incubator. 2,347,326; Apr. 25.

Kirschbaum, Harry M., Detroit, Mich. Automatic means for preventing detrimental physiological reactions at high altitudes. 2,353,906; July 18.

Kirst, Werner. (See Fischer, E., Kirst, and Gmelin.)

Kirstahler, Alfred. (See Hentrich, W., and Kirstahler.)

Kirtland, Hugh C., Detroit, and Kenneth L. Hulsing, Plymouth, assignors to General Motors Corporation, Detroit, Mich. Sleeve valve engine. 2,362,700; Nov. 14.

Kirton, Guy A., Kingsport, Tenn., and J. B. Kemp, Dahlgren, Va., assignors to Eastman Kodak Company, Rochester, N. Y. Stabilizing cellulose esters. 2,360,230; Oct. 10.

Kiser, Lucinda J., Indianapolis, Ind. Bed pan cover. 2,353,245; July 11.

Kishlar, Lamar, Webster Groves, C. A. Cobb, University City, and F. James, Normandy, assignors to Ralston Purina Company, St. Louis, Mo. Making cereal food products. 2,338,588; Jan. 4.

Kishline, Floyd F., assignor to Nash Kelvinator Corporation, Kenosha, Wis. Vibration dampener. 2,346,972; Apr. 18.

Kispert, Joseph J., New Haven, Conn. Corset or foundation garment. 2,340,245; Jan. 25.

Kiss, Mitchell S. (See Kuenzel, E. G., and Kiss.)

Kissel, B. M. (See Kissel, William L., assignor.)

Kissel Industries. (See Kissel, William L., assignor.)

Kissel, William L., assignor to B. M. Kissel, doing business as Kissel Industries, Hartford, Wis. Starting device. 2,348,547; May 9.

Kisselle, John M., Detroit, Mich. Cigarette tray. 2,351,052; June 13.

Kisselle, John M., Detroit, and C. E. McCormick, Dearborn, Mich. Cigarette tray. 2,364,078; Dec. 5.

Kissinger, Rose M., San Francisco, Calif. Training aid. 2,358,075; Sept. 12.

Kissock, Alan, Laureiton, N. J. Separation of nickel salts. 2,341,873; Feb. 15.

Kistner, Harold J. (See Rabenda, E. J., and Kistner.)

Kistner, Merrill M. (See Waring, F. M., and Lee, assignors.)

Kitani, Ryukichi, and N. Takashima, Kawasaki, Kanagawa-ken, Japan, assignors to General Electric Company. Method of polymerizing organic compounds. 2,338,517; Jan. 4.

Kitselman, Donald C., U. S. Army, Las Vegas, Nev. Flexible tension member. 2,352,391; June 27.

Kitsman, William L., Bartlesville, Okla., assignor to Phillips Petroleum Company. Perforating method and apparatus. 2,340,966; Feb. 8.

Kittess, Jason J., Los Angeles, Calif. Capping apparatus. 2,349,555; May 23.

Kittleson, Allen E. (See Slotterbeck, O. C., and Kittleson.)

Kitto, William H. (See Daiger, G. P., and Kitto.)

Kitto, William H., Greentown, assignor to The Hoover Company, North Canton, Ohio. Dusting tool kit for suction cleaners. 2,340,390; Feb. 1.

Kitto, William H., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,359,223; Sept. 26.

Kivari, Arthur M. (See Kelly, E. M., and Kivari.)

Kjellström, Alvar E. P. (See Källström, A. G., and Kjellström.)

Kjellstrom, Alvar E. P., Stockholm, Sweden. Ski stick. 2,360,240; Oct. 10.

Kjolseth, Ole K., Erie, Pa., assignor to General Electric Company. Load equalizing system. 2,354,522; July 25.

Kjorsvik, Bertha M., Wabasso, Fla. Collapsible tube dispenser. 2,343,064; Feb. 29.

Kjorvestad, Gustave, Denver, Colo. Cigarette extinguisher. 2,341,103; Feb. 8.

Kjosness, G. A., et al. (See McGillicuddy, Addeline J., assignor.)

Klaassen, Willem J. (See Schutte, A. H., and Klaassen.)

Klaassen, Willem J., Jersey City, N. J., assignor to The Lummus Company, New York, N. Y. Wax-oil separation. 2,361,035; Oct. 24.

Klafstad, Erling, Belmont, assignor to Crosby Steam Gage & Valve Company, Boston, Mass. Relief valve. 2,355,916; Aug. 15.

Klager, Karl. (See Schlichting, O., and Klager.)

Klages, Norman H., assignor to American Window Glass Company, Pittsburgh, Pa. Apparatus for scoring cover glass. 2,357,206; Aug. 29.

Klaiber, Frank L., Buffalo, N. Y., and H. C. Clark, Columbus, Ohio, assignors to R. G. Wright Company, Inc., Buffalo, N. Y. Conveyer chain. 2,360,057; Oct. 10.

Klar, Elof P. (See Larsen, L., and Klar.)

Klarmann, Emil, and L. W. Gates, Bloomfield, N. J., assignor to Lehn & Fink Products Corporation. Antiperspirant and deodorant. 2,350,047; May 30.

Klasey, John H. (See Ewart, W. M., and Klasey.)

Klaus, Calvin C., Highland, Ill. Shoe. 2,348,300; May 9.

Klaus, Frank A., Jr., Los Angeles, Calif. Nut and bolt socket fastening. 2,363,006; Nov. 21.

Klay, George H., and F. J. Lingel, assignors to The Triplett Electrical Instrument Co., Bluffton, Ohio. Electrical meter. 2,364,724; Dec. 12.

Kleber, Jackson O., Long Island City, N. Y. Wave record mold. 2,346,760; Apr. 18.

Kleber, Samuel L., assignor to Kleber Trunk & Bag Company, Pittsburgh, Pa. Folding suitcase. 2,341,104; Feb. 8.

Kleber Trunk & Bag Company. (See Kleber, Samuel L., assignor.)

Kleckner, William R., Oakland, assignor to J. A. McCarthy, San Francisco, Calif. Treating magnesium minerals. 2,349,556; May 23.

Klee, John P. (See Donaldson, G., and Klee.)

Kleen Refrigerator, Inc. (See Erland af Kleen, Nils, assignor.)

Klein, Clarence F., assignor to Frankenberg Bros., Inc., Columbus, Ohio. Making paperboard containers. 2,363,425; Nov. 21.

Klein, Clarence J., Hollidays Cove, W. Va., E. W. Rieger, Bloomingdale, and A. W. Duncan, Steubenville, Ohio, assignors to Bethlehem Steel Company. Method of and apparatus for inspecting strip material. 2,342,474; Feb. 22.

Klein, Clarence J., Marland Heights, W. Va., assignor to National Steel Corporation. Billy roll. 2,348,258; May 9.

Klein, David X. (See Perkins, M. A., and Klein.)

Klein, David X. (See Wuertz, A. J., and Klein.)

Klein, David X., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyestuffs of the anthraquinone series. 2,353,041; July 4.

Klein, Edward F., and C. Yates, Perth Amboy, N. J., assignors to Beutex Corporation. Adhesive sheet. 2,359,314; Oct. 3.

Klein, Felix, Bayside, Long Island, N. Y. Faucet attachment. 2,343,774; Mar. 7.

Klein, Felix, assignor to Hays Manufacturing Company, Erie, Pa. Faucet. 2,355,736; Aug. 15.

Klein, F. L., Noodle Company. (See Hamilton, William E., assignor.)

Klein, Hans, Mannheim, O. Hemmann and R. Keinke, Leuna, and O. Hofmann and W. Boehmer, Halle-on-the-Saale, Germany; vested in the Alien Property Custodian. Distributor for fluids. 2,343,560; Mar. 7.

Klein, Hermann, Vallingen-Rohr, Germany; vested in the Alien Property Custodian. Starting device for internal combustion engines. 2,344,152; Mar. 14.

Klein, Isidore, New York, N. Y. Dental mounting device. 2,365,475; Dec. 19.

Klein, Louis M., New York, N. Y. Windproof match and its application to cigarettes and the like. 2,347,832; May 2.

Klein, Stanley J., Englewood, assignor to Empire Box Corporation, Garfield, N. J. Carton. 2,357,009; Aug. 29.

Klein, Victor G. (See Rotter, L. C., and Klein.)

Klein, Victor G. (See Rotter, L. C., Klein, and Schneller.)

Klein, Victor G., assignor to Lincoln Engineering Company, St. Louis, Mo. Injector valve packing. 2,358,719; Sept. 19.

Klein, Victor G., assignor to Lincoln Engineering Company, St. Louis, Mo. Dispenser. 2,361,126; Oct. 24.

Klein, William I., East Orange, assignor to Medford Engineering Co., Medford, N. J. Apparatus for treating water. 2,352,901; July 4.

Kleine, Johannes, Dessau, Germany; vested in the Alien Property Custodian. Production of artificial filaments, fibers, and foils. 2,351,345; June 13.

Kleine, Johannes, Dessau, Germany; vested in the Alien Property Custodian. Artificial filament, fiber and foil. 2,352,328; June 27.

Kleinfelder, Walter C., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Joint for metal sheath cables. 2,357,591; Sept. 5.

Kleinhans, Earl S. (See Adams, H. W., and Kleinhans.)

Kleinhans, Earl S., and D. E. Dunlap, assignors to Douglas Aircraft Company, Incorporated, Santa Monica, Calif. Retractable landing gear. 2,351,215; June 13.

Kleinholz, Milton P. (See Herlocker, R. D., Kleinholz, and Watkins.)

Kleinicke, Werner E., Coalwood, W. Va., assignor to The Johnson-March Corporation, New York, N. Y. Wetting composition. 2,342,160; Feb. 22.

Kleinknecht, William J. (See Farmer, P. M., Bloser, and Kleinknecht.)

Kleinmann, Max, New York, assignor to American Safety Razor Corporation, Brooklyn, N. Y. Container. 2,346,538; Apr. 11.

Kleinmann, Max, assignor, by mesne assignments, to Dimple Tie Corporation, New York, N. Y. Lining for ties. 2,347,691; May 2.

Kleinmann, Max, assignor, by mesne assignments, to Dimple Tie Corporation, New York, N. Y. Necktie and making same. 2,347,692; May 2.

Kleinschmidt, Robert V., Stoneham, assignor to Arthur D. Little, Inc., Cambridge, Mass. Apparatus for and method of distillation. 2,339,862; Jan. 25.

Kleinschmidt, Robert V., Stoneham, and E. Washken, Cambridge, Mass., assignors by mesne assignments, to Bethlehem Steel Company. Refractory composition. 2,354,757; Aug. 1.

Kleintop, Harold E., Parkesburg, assignor to Korb-Pettit Wire Fabrics & Iron Works, Inc., Philadelphia, Pa. Conveyer system. 2,352,840; July 4.

Klema, Harlow, assignor to George Gorton Machine Co., Racine, Wis. Three-dimensional pantograph machine tool. 2,348,632; May 9.

Klemm, Michael A., Brooklyn, N. Y. Game construction. 2,358,458; Sept. 19.

Klemperer, Hans, Belmont, assignor to Raytheon Manufacturing Company, Newton, Mass. Inverter. 2,338,118; Jan. 4.

Klemperer, Hans, Belmont, assignor to Raytheon Manufacturing Company, Newton, Mass. Electrical control system. 2,341,562; Feb. 15.

Klemperer, Hans, Belmont, assignor to Raytheon Manufacturing Company, Newton, Mass. Fuse blowing device for igniter tubes. 2,342,673; Feb. 29.

Klemperer, Hans, Belmont, assignor to Raytheon Manufacturing Company, Newton, Mass. Welding system. 2,353,733; July 18.

Klemperer, Hans, Belmont, assignor to Raytheon Manufacturing Company, Newton, Mass. Welding system. 2,356,765; Aug. 29.

Klemperer, Hans, Belmont, assignor to Raytheon Manufacturing Company, Newton, Mass. Condenser seam welding. 2,359,315; Oct. 3.

Klemperer, Hans, Belmont, assignor to Raytheon Manufacturing Company, Newton, Mass. Condenser welding system. 2,364,079; Dec. 5.

Klemperer, Wolfgang B., West Los Angeles, Calif., assignor to Wingfoot Corporation, Wilmington, Del. Method of and means for indicating pressures. 2,342,587; Feb. 22

Klemperer, Wolfgang B., Los Angeles, assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Stereoscopic range finder with vertical base. 2,358,646; Sept. 19.

Klemperer, Wolfgang B., Los Angeles, assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Gun installation. 2,359,994; Oct. 10.

Klepp, Edwin C., assignor to S. Smith & Sons (Motor Accessories) Limited, London, England. Electric ratiometer. 2,357,524; Sept. 5.

Kleppe, Herbert C. (See Harman, G. J., and Kleppe.)

Klermund, Carl J. (See Den Besten, G., and Klermund.)

Klett, Fred F., Brooklyn, assignor to M. Gaertner, New York, N. Y. Apparatus for purifying liquids. 2,351,053; June 13.

Kleven, Samuel L., Augusta, Maine. Shoe and making the same. 2,364,373; Dec. 5.

Kliever, Waldo H. (See Sigford, J. V., and Kliever.)

Kliever, Waldo H., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Atmospheric pressure responsive device. 2,357,745; Sept. 5.

Kliever, Waldo H., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Safety pilot device. 2,359,921; Oct. 10.

Kline, Bernard L. (See Engler, W. N., and Kline.)

Kline, Bernard L., Manhasset, assignor to The Western Union Telegraph Company, New York, N. Y. Adhesive paper. 2,343,220; May 9.

Kline, Halsey W., Schenectady, N. Y., assignor to General Electric Company. Modulation measuring apparatus. 2,362,830; Nov. 14.

Kline, Hayden B., assignor to Industrial Rayon Corporation, Cleveland, Ohio. Apparatus for doubling and twisting thread. 2,343,299; Mar. 7.

Kline, John E., Grosse Pointe Farms, assignor to Micromatic Hone Corporation, Detroit, Mich. Honing tool for tubes. 2,343,013; Feb. 29.

Kline, John E., Grosse Pointe Farms, assignor to Micromatic Hone Corporation, Detroit, Mich. Honing tool. 2,349,628; May 23.

Kline, John E., Grosse Pointe Farms, assignor to Micromatic Hone Corporation, Detroit, Mich. Pulsating device and honing. 2,350,117; May 30.

Kline, John E., Grosse Pointe Farms, and D. T. Peden, Ann Arbor, assignors to Micromatic Hone Corporation, Detroit, Mich. Honing device. 2,363,975; Nov. 28.

Kline, Wallace E., Perryville, Mo., assignor to The Puritan Manufacturing Company, Boston, Mass. Sewing machine attachment. 2,363,976; Nov. 28.

Kling, Alfred G. (See Jorgensen, J. P., and Kling.)

Kling Bros. Engineering Works. (See Jorgensen, J. P., and Kling, assignors.)

Kling, Ferd R., New York, N. Y. Hat sweatband, and joining the ends thereof. 2,351,132; June 13.

Kling, Ralph B. (See Chambers, E. G., Kling, and Seeley.)

Klingel, Leo D., Rochester, N. Y. Cigarette. 2,339,705; Jan. 18.

Klingenberg, George R., San Francisco, Calif. Electrode holder. 2,357,663; Sept. 5.

Klingman, Willard L. (See Wilson, R. F., and Klingman.)

Klinkhamer, Hendrik A. W., and E. Cassee, Eindhoven, Netherlands; vested in the Alien Property Custodian. Device suitable for charging batteries. 2,341,446; Feb. 8.

Klinkhamer, Henry A., St. Paul, Minn. Oil cleaner. 2,349,174; May 16.

Kliwer, Arthur G., Sioux City, Iowa. Cigarette paper book. 2,341,794; Feb. 15.

Klomp, Alfred W., assignor, by mesne assignments, to M. M. Matchett, Detroit, Mich. Fixture for gears. 2,354,616; Aug. 1.

Klonaris, Eustathis N., Morgan City, La. Boat. 2,348,010; May 2.

Klonaris, John, assignor of one-third to B. C. Curby and one-third to G. Craidon, Kankakee, Ill. Fuel supply. 2,353,341; July 11.

Kloner, Irving I., Brooklyn, N. Y. Louver for lighting fixtures. 2,358,811; Sept. 26.

Klopfenstein, Gerald J., assignor to S. F. Bowser & Company, Incorporated, Fort Wayne, Ind. Filter element. 2,359,368; Oct. 3.

Kloss, Elmer C., Sharon, Pa., assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Mold for casting chain. 2,348,979; May 16.

Klosterman, Joseph J. (See Hughes, D. K., and Klosterman.)

Klosterman, Joseph J., assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 2,342,082; Feb. 15.

Klosterman, Mary, executrix. (See Hughes, D. K., and Klosterman.)

Klotz, Joseph. (See Bucklen, H. E., Jr., and Klotz.)

Klotz, Joseph, Chicago, Ill. Container for tablets. 2,341,447; Feb. 8.

Klotz, Otto H., Philadelphia, Pa. Air conditioner and air compressor. 2,351,437; June 13.

Klug, Erhard, Suffern, N. Y. Method of and apparatus for taping articles. 2,343,148; Feb. 29.

Klughers, Samuel, Poughkeepsie, N. Y. Smoke filter for tobacco pipes. 2,345,676; Apr. 4.

Klumb, Stanley G., Milwaukee, Wis. Electric fence. 2,343,300; Mar. 7.

Klumb, Stanley G., Milwaukee, Wis. Gaseous discharge tube. 2,352,841; July 4.

Klumpp, Bessie, executrix. (See Klumpp, F., and Colvin.)

Klumpp, Ferdinand, Union City, and C. H. Colvin, Morristown, assignors, by mesne assignments, to Robert Reiner, Incorporated, Weehawken, N. J. Apparatus for feeding filler thread to knitting machines. 2,340,888; Feb. 8.

Klumpp, Ferdinand, deceased, by B. Klumpp, executrix, Union City, and C. H. Colvin, Morristown, assignors to Robert Reiner, Inc., Weehawken, N. J. Apparatus for feeding warp thread to knitting machines. 2,340,889; Feb. 8.

Klunder, John H., Chicago, Ill. Ventilator for buildings. 2,350,771; June 6.

Kluson, John E., Chicago, Ill. Tuning head for stringed instruments. 2,356,766; Aug. 29.

Klute, Friedrich, and H. Heering, Berlin-Charlottenburg, Germany; vested in the Alien Property Custodian. Device for covering electric wires. 2,350,772; June 6.

Klute, Oscar, Rochester, N. Y. Tool holder for reamers. 2,353,854; July 18.

Klyver, Albert N. (See Taylor, W. J., Regan, Klyver, and Kuhn.)

Knaak, George, Milwaukee, Wis. Control. 2,351,216; June 13.

Knapp, David R., assignor, by mesne assignments, to Rol-A-Way Company, Inc., Philadelphia, Pa. Wheel truck. 2,350,118; May 30.

Knapp-Monarch Company. (See Gundelfinger, W. E., and Lamb, assignors.)

Knapp-Monarch Company. (See Huck, Alfred J., assignor.)

Knapp-Monarch Company. (See Huffman, Russell I., assignor.)

Knapp-Monarch Company. (See Kochner, William B., assignor.)

Knapp-Monarch Company. (See Moeller, George L., assignor.)

Knapp-Monarch Company. (See Ward, Lawrence T., assignor.)

Knapp-Monarch Company. (See Weida, Millard F., assignor.)

Knapp, Paul, Waynesboro, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Fugitive coloring of yarns. 2,339,340; Jan. 18.

Knapp, Robert T., Los Angeles County, assignor of one-fourth to S. E. Riek and one-fourth to F. O. Riek, Los Angeles, Calif. Periodic valve mechanism. 2,361,773; Oct. 31.

Knapp, William C., Wabash, Ind., assignor to The General Tire & Rubber Company, Akron, Ohio. Undercutting attachment for drill presses. 2,358,516; Sept. 19.

Knarreborg, Otto H., Devils Lake, N. Dak. Combination rake and stacker. Re. 22,521; July 25.

Knauer, Berthold. (See Rouan, F. J., and Knauer.)

Knauer, Berthold, East Norwalk, assignor to Pitney-Bowes Postage Meter Co., Stamford, Conn. Letter controlled mechanism. 2,358,401; Sept. 19.

Knaus, Nicholaus, Newark, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Feeding mechanism for sewing machines. 2,341,448; Feb. 8.

Knaus, Nicholaus, Newark, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Thread cutter for sewing machines. 2,342,285; Feb. 22.

Knaus, Peter J., Hinsdale, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Strand treating apparatus. 2,341,450; Feb. 8.

Knaus, Peter J., Hinsdale, and E. W. Larsen, Elmhurst, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Strand supply apparatus. 2,343,461; Mar. 7.

Knaus, William L. (See Warneke, R. C., and Knaus.)

Kneass, Strickland, Jr., Boylston, assignor to Morgan Construction Company, Worcester, Mass. Draft producing apparatus. 2,350,401; June 6.

Knecht, Oscar, and T. Wirth Basel, assignors to Sandoz Ltd., Fribourg, Switzerland. Sulphonamido monoazo dyestuffs. 2,353,569; July 11.

Knecht, Oscar, and O. Senn, Basel, assignors to the firm Sandoz Ltd., Fribourg, Switzerland. Monoazo dyestuffs and their manufacture. 2,353,675; July 18.

Kneissler, Walter, Roselle, assignor to The Singer Manufacturing Company, Elisabeth, N. J. Feeding mechanism for sewing machines. 2,350,314; May 30.

Knickerbocker Development Corporation. (See Heyer, Benjamin F. W., assignor.)

Knickerbocker, Ray G., Boulder City, Nev. Matte smelting and manganese. 2,358,812; Sept. 26.

Kniehahn, Werner, H. D. Geiser, Chemnits, H. Schüler, Siegmar-Schonau, R. Gerth, Wittgensdorf, near Chemnitz, and R. Witt, Chemnits, Germany; vested in the Alien Property Custodian. Device for automatically inserting and adjusting sheets of paper in typing or printing machines. 2,350,773; June 6.

Knierim, Carl A. (See Shepard, H. M., and Knierim.)

Knight, Arthur H., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Monoazo dyestuff. 2,351,133; June 13.

Knight, Arthur H., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Monoazo red acid dyes. 2,357,958; Sept. 12.

Knight, Arthur H., and W. E. Stephen, Blackley, England, assignors to Imperial Chemical Industries Limited. Manufacture of primary amino-substituted aromatic amides. 2,346,492; Apr. 11.

Knight, Arthur J., assignor to The Ohio Brass Company, Mansfield, Ohio. Section insulator. 2,347,913; May 2.

Knight, Arthur P. (See Kennedy, J. M., Knight, and Lee.)

Knight, Charlotte S., New York, N. Y. Forming filter mediums. 2,358,932; Sept. 26.

Knight, Chesterton S. (See Freeman, L. G., Jr., and Knight.)

Knight, Chesterton S., assignor to Geo. Knight & Co., Brockton, Mass. Machine for trimming the flash from rubber heels and the like. 2,350,238; May 30.

Knight, Geo. & Co. (See Knight, Chesterton S., assignor.)

Knight, Milton, Perrysburg, assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Wall construction. 2,357,525; Sept. 5.

Knight, Oliph M., Chicago, Ill., and W. C. Le Mire, Miami, Fla.; said Le Mire assignor to F. J. Kraemer, Pottsville, Pa. Gearing. 2,339,272; Jan. 18.

Knight, Ralph F., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Cleaning hides and skins. 2,355,221; Aug. 8.

Knight, Ralph F., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe. 2,362,639; Nov. 14.

Knight, Theresa M., executrix. (See Knight, William M.)

Knight, Thomas F., Rockaway, and F. E. Tregenza, Kenvil, N. J. Funnel for molten explosives. 2,352,207; June 27.

Knight, William M., Minneapolis, Minn., deceased; T. M. Knight, executrix, assignor to The Personal Products Corporation, New Brunswick, N. J. Applicator. 2,355,917; Aug. 15.

Knipe Bros. Inc. (See Knipe, William L., assignor.)

Knipe, Robert K. (See Labaree, B., and Knipe.)

Knipe, William L., assignor to Knipe Bros. Inc., Haverhill, Mass. Shoe and innersole and producing them. 2,361,693; Oct. 31.

Knipp, Joseph P., Long Beach, Calif. Bowling ball cleaning and polishing machine. 2,339,573; Jan. 18.

Knobel, Max, Arlington, J. B. Dickson, Northampton, and J. W. Baymiller, assignors to A. G. Spalding & Bros. Inc., Chicopee, Mass. Method and apparatus for testing. 2,349,736; May 23.

Knochel, William J. (See Marshall, D. E., and Knochel.)

Knochel, William J., Irvington, and S. J. Cherry, East Orange, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric discharge device. 2,344,552; Mar. 21.

Knochel, William J., East Orange, and J. H. Cone, Montclair, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Grid. 2,352,208; June 27.

Knochel, William J., East Orange, and H. F. Beyer, Clifton, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Attachment of filaments to their supports. 2,353,961; July 18.

Knoepke, Fred. (See Hineline, B. C., and Knoepke.)

Knol, Kornelis S., and M. J. O. Strutt, Eindhoven, Netherlands; vested in the Alien Property Custodian. Electromagnetic device. 2,359,224; Sept. 26.

Knoop, Walter A., Jr., Packanack Lake, and L. F. Cramer, Wayne, assignors to Allen B. DuMont Laboratories, Inc., Passaic, N. J. Electronic switch and rectangular wave generator. 2,365,476; Dec. 19.

Kneop, William A., Plainfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Cathode ray scanning apparatus. 2,339,863; Jan. 25.

Knott, Clyde L., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe machine frame. 2,347,782; May 2.

Knott, Edward B., Wealdstone, Harrow, England, assignor to Eastman Kodak Company, Rochester, N. Y. Color photographic materials. 2,364,374; Dec. 5.

Knourek, James C., Pasadena, Calif. Clothesline support. 2,346,222; Apr. 11.

Knowland, Thomas M., Belmont, and W. C. Bieber, Boston, assignors to Boston Woven Hose & Rubber Company, Cambridge, Mass. Vulcanising method and apparatus. 2,351,861; June 20.

Knowles, Dewey D., Verona, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric discharge apparatus. 2,340,061; Jan. 25.

Knowles, Fred L., Fort Dodge, Iowa. Internal combustion engine. 2,345,268; Mar. 28.

Knowles Fuel Process Corporation. (See Boynton, A. J., and Stallings, assignors.)

Knowles, Louis T., Minneapolis, Minn. Locomotive valve gear. 2,338,589; Jan. 4.

Knowlton, Cutler D., Rockport, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Apparatus for setting plastic eyelets. 2,343,982; Mar. 14.

Knowlton, Cutler D., Rockport, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Operating on thermoplastic eyelets. 2,343,983; Mar. 14.

Knowlton, Cutler D., Rockport, assignor to Hoague-Sprague Corporation, Lynn, Mass. Gluing mechanism for box-making machines. 2,352,720; July 4.

Knowlton, Cutler D., Rockport, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine for treating sheet material. 2,358,334; Sept. 19.

Knowlton, Cutler D., Rockport, and D. Edgar, Lynn, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J. Machine for operating upon hides, skins, and leather. 2,356,855; Aug. 29.

Knowlton, Cutler D., Rockport, and D. Edgar, Lynn, assignors to United Shoe Machinery Corporation, Flemington, N. J. Machine for treating hides, skins, and leather. 2,359,922; Oct. 10.

Knowlton, Norwood H., Rockport, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Abrading tool. 2,344,550; Mar. 21.

Knowlton, Norwood H., Rockport, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Buffing machine. 2,362,076; Nov. 7.

Knox, Charles B., Gelatine Company, et al. (See Downey, T. B., and Williams, assignors.)

Knox, David M., assignor to American Car and Foundry Company, New York, N. Y. Lubricated valve. 2,348,481; May 9.

Knox, Harry A., Washington, D. C. Track shoe. 2,339,273; Jan. 18.

Knox, Harry A., Washington, D. C. Track shoe. 2,342,675; Feb. 29.

Knox, Harry A., Washington, D. C. Hydraulic check. 2,343,301; Mar. 7.

Knox, Thomas, Bristol, and W. I. Stieglitz, Morrisville, Pa., assignors, by mesne assignments, to Reconstruction Finance Corporation. Providing drag in aircraft. 2,344,945; Mar. 28.

Knuckey Truck Company. (See Brumbaugh, Andrew K., assignor.)

Knudsen, Knud, Danbury, assignor to E. G. Gaynor, Fairfield, Conn. Push button switch construction. 2,355,303; Aug. 8.

Knutson, Amos T. (See Morell, L., and Knutson.)

Knutson, Amos T., and E. F. Graves, Midland, Mich., assignors to The Lubri-Zol Corporation, Cleveland, Ohio. Lubrication. 2,340,331; Feb. 1.

Knutsen, Max T., assignor to The John Bertram & Sons Co. Limited, Dundas, Ontario, Canada. Control means for power-operated machinery. 2,353,246; July 11.

Knu-Vise, Incorporated. (See Herrington, James A., assignor.)

Kobe, Inc. (See Mestas, Ricardo, assignor.)

Kobe, Kenneth A., Austin, Tex., and T. F. Doumani, Long Beach, Calif. Monomercurating aromatic compounds. 2,353,312; July 11.

Kobler, Victor and W., Zurich, Switzerland. Electric dry-shaving apparatus having a shearing head guard. 2,350,048; May 30.

Kobler, Werner. (See Kobler, Victor and W.)

Koca, James F., assignor to Woodstock Typewriter Company, Woodstock, Ill. Typewriter stop mechanism. 2,358,517; Sept. 19.

Koch, Albert. (See Gartner, E., and Koch.)

Koch, Albert H., Atlanta, Ga., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Temperature control system. 2,353,042; July 4.

Koch Butchers' Supply Company. (See Dillon, Clyde E., assignor.)

Koch, Charles J., Schenectady, N. Y., assignor to General Electric Company. Dynamoelectric machine. 2,338,518; Jan. 4.

Koch, Fritz. (See Lang, R., and Koch.)

Koch, Gustav H., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Air translating apparatus. 2,344,309; Mar. 14.

Koch, Gustav H., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Pedestal. 2,364,794; Dec. 12.

Knott, Harry O., Wichita, Kans. Snatch link. 2,357,478; Sept. 5.

Koch, Lydia B. (See Mandell, Irving F., assignor.)

Koch, Rudolf, Berlin-Grunau, Germany; vested in the Alien Property Custodian. Aircraft wing. 2,344,044; Mar. 14.

Koch, Stanley J., Clifton, N. J., assignor to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Cathode-ray tube and process. 2,338,336; Jan. 4.

Koch, Theodoor, Oosterbeek, Netherlands, assignor to American Enka Corporation, Enka, N. C. Manufacture of rayon. 2,345,345; Mar. 28.

Koch, Walter F., Jacksonville, Fla. World globe. 2,355,304; Aug. 8.

Koch, Winfield R., Haddonfield, N. J., assignor to Radio Corporation of America. Frequency modulation signal detector. 2,341,047; Feb. 8.

Koch, Winfield R., Haddonfield, N. J., assignor to Radio Corporation of America. Radio air raid warning system. 2,344,618; Mar. 21.

Koch, Winfield R., Haddonfield, N. J., assignor to Radio Corporation of America. Frequency modulation system. 2,349,870; May 30.

Koch, Winfield R., Haddonfield, N. J., assignor to Radio Corporation of America. Tuning mechanism. 2,356,935; Aug. 29.

Koch, Winfield R., Haddonfield, N. J., assignor to Radio Corporation of America. Record reproduction circuit. 2,361,634; Oct. 31.

Kochenderfer, Frank E., and C. V. Shriver, Spokane, Wash. Valve wheel. 2,344,045; Mar. 14.

Kochendoerfer, Gerd. (See Elstert, B., and Kochendoerfer.)

Kocher, Edward H., Boonton, N. J., assignor to Auto Research Corporation. Lubrication. 2,339,784; Jan. 25.

Kocher, Edward H., Boonton, N. J., assignor to Auto Research Corporation. Lubrication. 2,343,302; Mar. 7.

Kocher, Edward H., Boonton, N. J., assignor to Auto Research Corporation. Hydraulically operated machine tool. 2,351,620; June 20.

Kocher, Edward H., Boonton, N. J., assignor to Auto Research Corporation. Lubrication. 2,352,209; June 27.

Kocher, Edward H., Boonton, N. J., assignor to Auto Research Corporation. Indicator for cyclic lubricating installation. 2,353,734; July 18.

Kochmann, Wilhelm, Berlin, Germany; vested in the Alien Property Custodian. Fire-extinguishing and preventing system for motor vehicles. 2,338,440; Jan. 4.

Kochner, William B., assignor to Knapp-Monarch Company, St. Louis, Mo., Switch structure. 2,356,521; Aug. 22.

Koci, Ludvik J. (See Jepson, I., Koci, and Bylund.)

Kock, Winston E., assignor to The Baldwin Company, Cincinnati, Ohio. Oscillation generating system. 2,342,286; Feb. 22.

Kodal, Gustav. (See Koeppe, W., and Kodal.)

Koehler, Arthur F., Yuma, Ariz. Rivet loading table. 2,359,861; Oct. 10.

Koehler, Gustave J., Dayton, Ohio. Fluid valve. 2,348,548; May 9.

Koehler, Gustave J., Dayton, Ohio. Fluid valve. 2,350,905; June 6.

Koehler, Henry E., Ridgewood, N. Y. Turret tool post. 2,362,140; Nov. 7.

Koehler, John P., Jr., Rockford, Ill. Dispensing machine. 2,363,426; Nov. 21.

Koehler, Otto A., San Antonio, Tex. Bottle-cap reclaiming machine. 2,349,502; May 23.

Koehler, Richard, Manchester, N. H. Door handle and latch. 2,364,795; Dec. 12.

Koehring Company. (See Beckwith, Raymond A., assignor.)

Koehring Company. (See Clagett, William H., Jr., assignor.)

Koehring Company. (See Jones, Daniel C., assignor.)

Koehring Company. (See Lichtenberg, Erich H., assignor.)

Koehring Company. (See Poulter, John W., assignor.)

Koehring Company. (See Sheck, Oscar, assignor.)

Koehring, Roland P. (See Gleszer, K., and Koehring.)

Koehring, Roland P., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Heat-treating apparatus. 2,354,523; July 25.

Koehring, Roland P., Dayton, Ohio, assignor to General Motors Corporations, Detroit, Mich. Apparatus for making porous metal parts. 2,362,701; Nov. 14.

Koehring, Roland P., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Making porous metal bearings. 2,365,562; Dec. 19.

Koella, Ernest, assignor to Rockford Manufacturing Company, Rockford, Tenn. Winding spindle. 2,358,076; Sept. 12.

Koenig, Bernard R., Westgate Hills, assignor to Prodesco Incorporated, Philadelphia, Pa. Device for measuring thickness of objects. 2,351,770; June 20.

Koenig, Edgar A., Dallas, Tex., assignor, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Mill scale settling tank. 2,355,105; Aug. 8.

Koenig-Fachsenfeld, Freiherr R., Stuttgart, Germany; vested in the Alien Property Custodian. Motor car body. 2,359,426; Oct. 3.

Koenig, Friedrich. (See Wuppermann, T., and Koenig.)

Koenig, Jakob, Union City, N. J. Tailstock center attachment for bench lathes. 2,342,054; Feb. 15.

Koenig, Philip. (See Gwinn, J. M., Jr., and Koenig.)

Koepp, Orville W., assignor to Hoover Ball & Bearing Company, Ann Arbor, Mich. Antifriction bearing shield. 2,355,805; Aug. 15.

Koeppe, Walter, Berlin-Spandau, and G. Kodal, Berlin-Siemensstadt, Germany; vested in the Alien Property Custodian. Liquid operated electric control device. 2,356,493; Aug. 22.

Koering, Herman J., Pierz, Minn. Artificial weedless fishing lure. 2,347,743; May 2.

Koester, John E. (See Aiken, Frank W., assignor.)

Koestering, Walter T., Battle Creek, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Inspection method for composite articles. 2,347,564; Apr. 25.

Koether, Emil A., Baltimore, Md. Grinding element. 2,358,961; Sept. 26.

Koett, Albert C., assignor to The Kett Tool Company, Cincinnati, Ohio. Auger bit. 2,358,077; Sept. 12.

Koett, Albert C., assignor to The Kett Tool Company, Cincinnati, Ohio. Drill chuck. 2,360,144; Oct. 10.

Koevort, Leslie A., Overport, Durban, Natal, Union of South Africa. Power-transmission means for motor vehicles. 2,355,306; Aug. 8.

Kögel, Wilhelm G., Stockholm, Sweden. Absorption refrigerating apparatus. 2,360,834; Oct. 24.

Kogl, Frank, St. Paul, assignor of four per cent to M. M. Clark, South St. Paul, two and one-half per cent to W. H. Carlson, two and one-half per cent to O. E. Carlson, ten per cent to R. S. McBride and four per cent to G. Clark, St. Paul, Minn. Apparatus for precasting concrete stair structures. 2,353,676; July 18.

Kohl, Karl, Berlin, Germany; vested in the Alien Property Custodian. Ultra high frequency cable. 2,338,441; Jan. 4.

Kohl, Karl, Berlin, Germany; vested in the Alien Property Custodian. Image enlarging cathode-ray tube. 2,350,774; June 6.

Kohl, Otto A., Cedar Rapids, Iowa. Preventing the spread of disease. 2,351,686; June 20.

Kohl, William R., Glenview, Ill. Fumigant support and fumigant. 2,345,755; Apr. 4.

Kohl, William R., Glenview, Ill., and W. W. McFall, Mankato, Minn. Garment hanger accessory and hanger. 2,345,483; Mar. 28.

Kohler & Chase. (See Hutchinson, Fenton F., assignor.)

Kohler, Fred. (See Rudd, W. C., and Kohler.)

Kohler, Fritz. (See Kroeper, H., Kohler, and Wolf.)

Kohler, Henry F., Baytown, Tex., assignor to Standard Oil Development Company. Chemical process. 2,364,451; Dec. 5.

Kohler, John B., Chicago, Ill. Device for feeding web material. 2,342,203; Feb. 22.

Kohlhafer, William H., Cabin John, Md., and F. J. Olenik, Alexandria, Va. Equipment for cutting circles in metal sheets or plates. 2,363,007; Nov. 21.

Kohlhagen, Walter, assignor to Elgin National Watch Company, Elgin, Ill. Motion controlling device. 2,354,954; Aug. 1.

Kohlhagen, Walter, assignor to Elgin National Watch Company, Elgin, Ill. Rating cyclic motions. 2,358,078; Sept. 12.

Kohn, Jules J., Jacksonville, Fla. Foot correction. 2,345,820; Apr. 4.

Kohn, Milton, Chicago, Ill. Sediment test record card. 2,350,239; May 30.

Kohnle, Frederick, and T. G. Turner, assignors to Monarch Marking System Company, Dayton, Ohio. Price tag delivery mechanism. 2,343,617; Mar. 7.

Kohnstamm, H., & Co. Inc. (See Bainbridge, W. C., and Hope, assignors.)

Kohout, George A., Chicago, Ill. Conveyer. 2,340,190; Jan. 25.

Kohout, George A., Chicago, Ill. Stoker for furnaces. 2,357,899; Sept. 12.

Kohring, Erwin, Cologne-Poll, Germany; vested in the Alien Property Custodian. Feeding and clamping device for multi-spindle automatic lathes for the treatment of rod-shaped material. 2,339,414; Jan. 18.

Kohring, Erwin, Cologne-Poll, Germany; vested in the Alien Property Custodian. Multispindle automatic lathe. 2,340,538; Feb. 1.

Kohrts, Gustaf A. F., Stockholm, Sweden. Cup to be used as cap for thermos bottles. 2,345,876; Apr. 4.

Kokatnur, Vaman R., Beechhurst, assignor to Autoxygen, Inc., New York, N. Y. Saponification. 2,347,565; Apr. 25.

Kokatnur, Vaman R., and Andrew van Hook, Easton, assignor, by mesne assignments, to F. S. Busser, Philadelphia, Pa., and F. P. Warfield, New York, N. Y., trustees for Autoxygen, Inc., and Sun Oil Company. Lubricant grease. 2,350,906; June 6.

Kolb, Hans F., Chicago, Ill. Brake mechanism. 2,343,010; Mar. 7.

Kolbe, Joachim, Detroit, Mich. Motor vehicle. 2,341,726; Feb. 15.

Kolbe, Joachim, Detroit, Mich. Motor vehicle. 2,349,175; May 16.

Kolbert, John W. and F. G. A. Haegele, Cippenham, Slough, England, assignors to The Hanovia Chemical and Manufacturing Company, Newark, N. J. Apparatus for producing ultra-violet radiation. 2,356,592; Aug. 22.

Kolderman, Johannes C., and W. K. Speckin, assignors to Hayes Manufacturing Corporation, Grand Rapids, Mich. Machine for making hollow bodies. 2,344,779; Mar. 21.

Kolff, Petrus V., Harwich Port, Mass., assignor to The Electric Tachometer Corporation, Philadelphia, Pa. Generator-voltmeter tachometer. 2,364,256; Dec. 5.

Kolleda, Delmar, assignor to F. M. Gore, Marion, Ohio. Grading machine. 2,355,131; Aug. 8.

Kollman, Jack, Chicago, Ill., assignor to Ekco Products Company. Cooking utensil. 2,361,351; Oct. 24.

Kolmar Max, Frankfort-on-the-Main, Germany; vested in the Alien Property Custodian. Production of silver preparation. 2,351,974; June 20.

Kolmorgen, Ernst O., Mountain Lakes, N. J. Machine for beveling the edges of lenses. 2,356,488; Aug. 22.

Kollock, George J., Fulton County, Ga. Snap key ring. 2,362,280; Nov. 7.

Komarewsky, Vasili. (See Egloff, G., and Komarewsky.)

Komarewsky, Vasili I., and L. A. Mekler, assignors to Universal Oil Products Company, Chicago, Ill. Aluminum chloride treatment of hydrocarbon oils. 2,355,446; Aug. 8.

Komaska, Charles J., St. Louis, Mo. Chair. 2,348,633; May 9.

Komel Corporation, The. (See Gaver, Kenneth M., assignor.)

Komenak, Albert J., assignor to The Excelsior Hardware Company, Stamford, Conn. Detection seal. 2,356,856; Aug. 29.

Komenda, Erwin, Korntal-Stuttgart, Germany; vested in the Alien Property Custodian. Vehicle body. 2,344,092; Mar. 14.

Komenda, Erwin, Stuttgart-Korntal, Germany; vested in the Alien Property Custodian. Laminated body. 2,347,566; Apr. 25.

Kominik, Otto, New York, N. Y. Purse structure. 2,344,310; Mar. 14.

Komivres, Laszlo I., assignor to The Detroit Edison Company, Detroit, Mich. Installing electric cables. 2,347,912; May 2.

Komroff, Paul. (See Terry, M. C., and Komroff.)

Komusin, Erich, Frankfort-on-the-Main, Germany; vested in the Alien Property Custodian. Printing apparatus. 2,338,590; Jan. 4.

Kongsted, Ludvig P., and W. O. Henschke, Longmeadow, assignor to American Bosch Corporation, Springfield, Mass. Making induction coils. 2,360,835; Oct. 24.

König, Paul, Berlin-Friedenau, and R. König, Berlin-Steglitz, Germany; vested in the Alien Property Custodian. Method of and apparatus for the continuous production of photoprints. 2,341,625; Feb. 15.

König, Rezsö, Árpád Gerecs, and Z. Földi, Budapest, Hungary; vested in the Alien Property Custodian. Preparation of vitamin B, and of similarly built compounds. 2,356,594; Aug. 22.

König, Rudolf. (See König, Paul and R.)

Konishi, Yukio. (See Arimori, T., Konishi, Ishibashi, and Yoshimura.)

Kono, Yoshimitsu, Hiroshima, Japan; vested in the Alien Property Custodian. Cannula holder. 2,350,775; June 6.

Konrad, Alexander, Cleveland, Ohio. Washing bottle filling machines. 2,356,857; Aug. 29.

Koob, Bernard H., West Hartford, Conn., assignor to Hartford-Empire Company, Hartford, Conn. Apparatus for handling glass articles. 2,340,812; Feb. 1.

Koob, Bernard H., West Hartford, Conn., assignor to Hartford-Empire Company, Hartford, Conn. Paste mold machine for forming hollow glass blanks into finally blown articles. 2,348,347; May 9.

Koolstra, Lambert. (See Bailey, E. G., Kerr, Fletcher, Watts, and Koolstra.)

Koolstra, Lambert. (See Kerr, H. J., Fletcher, Watts, and Koolstra.)

Koon, Francis M., Fort Wayne, Ind. Fish scaler. 2,338,647; Jan. 4.

Koons, Charles V., assignor, by mesne assignments, to American Engineering Company, Philadelphia, Pa. Remote-control device. 2,361,774; Oct. 31.

Koonts, Charles E., Baltimore, Md. Fire alarm hook tripping mechanism. 2,339,706; Jan. 18.

Koonz, Carl H., and J. D. Ingle, assignors to Industrial Patents Corporation, Chicago, Ill. Covering for heads of dressed poultry. 2,342,350; Feb. 22.

Kooperativa Förbundet Förening U. P. A. (See Sikström, Anton J., assignor.)

Kooperativa Förbundet Förening U. P. A. (See Vigborg, Karl M., assignor.)

Koos, Paul V. (See Bonorden, A. B., Koos, Krecek, Large, and Marshall.)

Kopas, Steve, Jr. (See Ciesa, G., Hoenke, Kopas, and Shapkauski.)

Kopee, Stanley J., Erie, Pa. Radius and tangential surface grinding wheel dresser. 2,345,821; Apr. 4.

Kopitke, William H., West Hartford, assignor to Plax Corporation, Hartford, Conn. Machine for extruding and blowing plastics. 2,349,176; May 16.

Kopitke, William H., West Hartford, assignor to Plax Corporation, Hartford, Conn. Method of and apparatus for making blown plastic articles. 2,349,177; May 16.

Kopitke, William H., West Hartford, assignor to Plax Corporation, Hartford, Conn. Method of and apparatus for extruding and blowing organic plastic materials. 2,349,178; May 16.

Koplin, Harry, and A. R. Slate, assignors to Zephyr Laundry Company, Chicago, Ill. Hydraulic control and ejector for grinders. 2,364,800; Dec. 5.

Kopp, Carl J., assignor to Federal Electric Company, Inc., Chicago, Ill. Cutting and threading tool. 2,351,217; June 13.

Kopp, Rudolph J., Sandusky, Ohio. Automobile license stamp holder. 2,341,048; Feb. 8.

Koppel, Ernst R., Wauwatosa, assignor to A. O. Smith Corporation, Milwaukee, Wis. Heater support. 2,345,677; Apr. 4.

Koppel, Ernst R., Wauwatosa, assignor to A. O. Smith Corporation, Milwaukee, Wis. Sheet metal gas burner. 2,348,011; May 2.

Koppel, Ernst R., Wauwatosa, assignor to A. O. Smith Corporation, Milwaukee, Wis. Cast-iron gas burner. 2,352,329; June 27.

Koppel, Ernst R., assignor to A. O. Smith Corporation, Milwaukee, Wis. Hot-water tank connection. 2,353,477; July 11.

Koppel, Ernst R., Wauwatosa, assignor to A. O. Smith Corporation, Milwaukee, Wis. Fluid container. 2,361,635; Oct. 31.

Koppel, Ernst R., assignor to A. O. Smith Corporation, Milwaukee, Wis. Connection for hot-water tanks. 2,361,636; Oct. 31.

Koppelmann, Floris, Berlin-Siemensstadt, Germany, assignor to General Electric Company. Switching device. 2,341,326; Feb. 8.

Koppelmann, Floris, Berlin-Siemensstadt, Germany; vested in the Alien Property Custodian. Apparatus for interrupting alternating currents. 2,351,975; June 20.

Koppen, Otto C., Newton, Mass., assignor to General Aircraft Corporation, Dover, Del. Airplane. 2,353,907; July 18.

Koppen, Otto C., Newton, Mass., assignor to General Aircraft Corporation, Dover, Del. Airplane. 2,353,962; July 18.

Koppen, Otto C., Newton, Mass, assignor to General Aircraft Corporation, Dover, Del. Airplane. 2,355,026; Aug. 1.

Koppers Company. (See Becker, Joseph, assignor.)

Koppers Company. (See Corson, Ben B., assignor.)

Koppers Company. (See Dorfan, Morton I., assignor.)

Koppers Company. (See Glowacki, W. L., and Preston, assignors.)

Koppers Company. (See Kester, Ernest B., assignor.)

Koppers Company. (See Koppers, Heinrich, assignor.)

Koppers Company. (See Morton, Allen W., assignor.)

Koppers Company. (See Roche, J. N., and Kester, assignors.)

Koppers Company. (See Stewart, Hubert L., assignor.)

Koppers Company. (See Totzek, Friedrich, assignor.)

Koppers Company. (See van Ackeren, Joseph, assignor.)

Koppers Company. (See Winans, Charles F., assignor.)

Koppers, Heinrich, Essen, Germany; vested in the Alien Property Custodian. Pusher ram for coke ovens. 2,354,030; July 18.

Koppers, Heinrich, Essen, Germany, assignor, by mesne assignments, to Koppers Company, Pittsburgh, Pa. Producing a gas suitable for the synthesis of hydrocarbons. 2,349,438; May 23.

Koppers, Heinrich, Essen, Germany, assignor, by mesne assignments, to Koppers Company, Pittsburgh, Pa. Contrivance for the heating of gases. 2,349,439; May 23.

Kopple, John J., Brooklyn, N. Y., assignor to The Ohio Carbon Company, Cleveland, Ohio. Resistor. 2,361,405; Oct. 31.

Korb-Pettit Wire Fabrics & Iron Works, Inc. (See Kleintop, Harold E., assignor.)

Körber, Kurt A., Dresden-Oberloschwitz, Germany; vested in the Alien Property Custodian. Tobacco guiding machine. 2,341,626; Feb. 15.

Koren, Heiman W., Bronx, assignor to Sonotone Corporation, Elmsford, N. Y. Bone conduction receiver. 2,339,173; Jan. 11.

Koren, Heiman W., Bronx, assignor to Sonotone Corporation, Elmsford, N. Y. Oscillator arrangement. 2,356,248; Aug. 22.

Koreska, Robert, Vienna, Germany; vested in the Alien Property Custodian. Printing machine with rotatable stencils and automatic ink supply. 2,341,627; Feb. 15.

Koret, Joe, San Francisco, Calif. Plaited skirt. 2,344,462; Mar. 14.

Korevec, Edward A., assignor of one-half to L. M. Herkert, Joliet, Ill. Liquid level indicator. 2,345,054; Mar. 28.

Korf, Frederick, and W. F. Zentler, Crestwood, assignors to Sales Affiliates, Inc., New York, N. Y. Permanent waving and a permanent waving heater. 2,349,285; May 23.

Kork-N-Seal Limited. (See Marek, Anthony J., assignor.)

Korn, Franklin A., Westfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Trouble indicating system. 2,364,796; Dec. 12.

Korn, Waldemar H., Davenport, Iowa. Car axle lubricator. 2,348,911; May 16.

Kornel, Otto, Cleveland Heights, assignor to The Brush Development Company, Cleveland, Ohio. Phonograph pickup. 2,343,417; Mar. 7.

Kornrumpf, Max C., Chicago, Ill. Emergency door lock release. 2,354,321; July 25.

Korpi, Karl., Redondo Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Catalyst and preparing the same. 2,347,955; May 2.

Korpi, Karl J. (See Bradley, W. E., and Korpi.)

Korpi, Karl J., Beacon, assignor to The Texas Company, New York, N. Y. Conversion of hydrocarbons. 2,35,128; Mar. 28.

Kors, Henry F., Chicago, Ill. Piecrust trimming ring. 2,355,307; Aug. 8.

Korum, Henry E., East Moline, assignor to Deere & Company, Moline, Ill. Roughage and hammer mill. 2,359,995; Oct. 10.

Korzon, William. (See Camras, M., and Korzon.)

Kos, Alfred S. (See Gerlach, G. T., Altman, and Kos.)

Kos, Alfred S., G. T. Gerlach, and P. Altman, Detroit, Mich., assignors, by mesne assignments, to Consolidated Vultee Aircraft Corporation. Metal door. 2,349,907; May 30.

Koschmieder, Kurt, Berlin, Germany; vested in the Alien Property Custodian. Testing transmitter. 2,340,539; Feb. 1.

Kosha, Andrew J., Stratford, assignor to The Bead Chain Manufacturing Company, Bridgeport, Conn. Socket pin. 2,339,174; Jan. 11.

Kosich, Dimitri K., Hales Corners, Wis. Aircraft destroyer. 2,355,447; Aug. 8.

Koskela, Jonas F., Maynard, Mass. Stop motion attachment for looms. 2,348,824; May 16.

Kosky, James F., and R. F. Plumb, assignors to Iowa Manufacturing Company, Cedar Rapids, Iowa. Spare wheel carrier. 2,355,980; Aug. 15.

Koslow, John, Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Stepvoltage regulator. 2,338,519; Jan. 4.

Kosmin, Milton. (See Gluesenkamp, E. W., and Kosmin.)

Kosmin, Milton, Vanburen Township, Montgomery County, Ohio, assignor to Monsanto Chemical Company. Surface-active agent. 2,355,592; Aug. 8.

Kosolapoff, Gennady M., Dayton, Ohio, assignor to Monsanto Chemical Company. Organic phosphorus compounds. 2,347,633; Apr. 25.

Kosolapoff, Gennady M., Dayton, Ohio, assignor to Monsanto Chemical Company. 2-phenyl, 4-hydroxy aniline and compositions thereof. 2,355,593; Aug. 8.

Koss, Peter. (See Woodward, Glen F., assignor.)

Kossman, Hans R. (See Mayer, A. L., and Kossman.)

Kost, Harold W., Birmingham, assignor to Detroit Harvester Company, Detroit, Mich. Sheet clamping device. 2,352,392; June 27.

Kost, Harold W., Birmingham, assignor to Detroit Harvester Company, Detroit, Mich. Fastener applying tool. 2,357,207; Aug. 29.

Kost, Harold W., Birmingham, assignor to Detroit Harvester Company, Detroit, Mich. Forming screw-receiving fasteners. 2,366,114; Dec. 26.

Kostainsek, Victor M. (See Farrington, B. B., Kostainsek, and Denison.)

Köster, Heinrich, Berlin-Charlottenburg, Germany, assignor to Schering Corporation, Bloomfield, N. J. Manufacture of enol ethers of α,β-unsaturated steroid ketones. 2,363,338; Nov. 21.

Kotcher, Edwin H., assignor to The Murray Corporation of America, Detroit, Mich. Forming sinks. 2,350,119; May 30.

Kotcher, Ezra, Dayton, Ohio. Air-speed computer. 2,342,674; Feb. 29.

Koteley, Serge G. and S. F., Long Island City, N. Y. Safety device for submarine crews. 2,341,923; Feb. 15.

Koteley, Serge G. and S. F., Long Island City, N. Y. Observation buoy. 2,354,758; Aug. 1.

Koteley, Serge G. and S. F., Long Island City, N. Y. Reconnaissance and attack buoy for submarines. 2,355,918; Aug. 15.

Koteley, Sophie F. (See Koteley, Serge G. and S. F.)

Kothe, Herbert. (See Light, R. F., Kothe, and Frey.)

Kothny, Gottdank L., Strafford, assignor to Sperry-Sun Well Surveying Company, Philadelphia, Pa. Electrical connecting means for well bore apparatus. 2,339,274; Jan. 18.

Kotowics, Julieann, Woodside, Long Island, N. Y. Combination slip cover. 2,344,093; Mar. 14.

Kott, Hermann, West Orange, N. J., assignor to Speedy Gravure Corporation, New York, N. Y. Register indicator. 2,361,549; Oct. 31.

Kotterman, Chester A., Livingston, N. J., assignor to Federal Telephone and Radio Corporation. Waterproof rectifier. 2,343,379; Mar. 7.

Kotterman, Chester A., Livingston, N. J., assignor to Federal Telephone & Radio Corporation, New York, N. Y. Plate rectifier. 2,352,640; July 4.

Kouba, Charles M., assignor of one-half to G. M. Bonebrake, Chicago, Ill. Micro boring and turning device. 2,349,563; May 23.

Koucky, Josef, Brunn, Bohemia; vested in the Alien Property Custodian. Automatic firearm. 2,351,976; June 20.

Koucky, Josef, Prag-Xix, Bohemia; vested in the Alien Property Custodian. Breech device for firearms. 2,356,595; Aug. 22.

Koulichkov, Serge N., Beechhurst, Long Island, assignor of thirty-five per cent to G. A. Rubissow, New York, N. Y. Floating partial dry dock unit. 2,360,690; Oct. 17.

Koulish, Meyer, assignor to Meyer Koulish Co., Inc., New York, N. Y. Machine for grinding "V" jewels. 2,351,134; June 13.

Koulish, Meyer, Co. Inc. (See Blanchon, Louis C., assignor.)

Koulish, Meyer, Co. (See Koulish, Meyer, assignor.)

Koupal, Walter G. (See Halbach, H. L., Campbell, and Koupal.)

Kouyoumdjian, Haroutium K., Wakefield, R. I., assignor to Ward Leonard Electric Company. Device for overcoming effects of shocks. 2,353,406; July 11.

Kouyoumdjian, Haroutium K., Wakefield, R. I., assignor to Ward Leonard Electric Company. Electromagnet and relay. 2,357,959; Sept. 12.

Kovács, Theodor, Vienna, Germany; vested in the Alien Property Custodian. Fountain pen. 2,338,947; Jan. 11.

Kowalski, John J., Seattle, Wash. Razor and blade holder. 2,350,467; June 6.

Kowelindi, Karl, Vienna, Germany; vested in the Alien Property Custodian. Workbench for welding jobs and the like. 2,341,628; Feb. 15.

Kozacik, Alfred P. (See Reiff, O. M., and Kozacik.)

Kozacik, Andrew M. (See Savko, Paul, Jr., assignor.)

Kozak, Joseph L., Munster, Ind., and C. F. Abraham, Chicago, Ill., assignors to Screw Conveyor Corporation, Hammond, Ind. Elevating apparatus for handling bulk materials. 2,360,776; Oct. 17.

Kozma, Ladislas. (See Hatton, W., and Kozma.)

Kozma, Ladislas, and J. Kruithof, Antwerp, Belgium, assignors to International Standard Electric Corporation, New York, N. Y. Electrical calculating equipment. 2,344,835; Mar. 21.

Kozopas, Joseph I. (See Kraft, H. T., and Kozopas.)

Kraeft, Herman L., Cleveland Heights, assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio. Bicycle crank hanger assembly. 2,350,468; June 6.

Kraemer, Frank J. (See Le Mire, Warren C., assignor.)

Kraft Cheese Company. (See Kraft, Norman, assignor.)

Kraft Cheese Company. (See Kratz, Edouard M., assignor.)

Kraft, Frederick G., Richmond, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Yarn production. 2,364,375; Dec. 5.

Kraft, George, Englewood, N. J., and N. L. Solomon, Mount Vernon, N. Y. Beautifying and protecting surfaces of aluminum and aluminum alloys. 2,363,339; Nov. 21.

Kraft, George K. P., Stockholm, Sweden. Electroplated receptacle. 2,348,549; May 9.

Kraft, Guillermo E. C., assignor to Guillermo Kraft Limitada Sociedad Anonima de Impresiones Generales, Buenos Aires, Argentina Republic. Closure for containers in general. 2,347,417; Apr. 25.

Kraft, Hans, Schenectady, N. Y., assignor to General Electric Company. Elastic fluid turbine. 2,362,831; Nov. 14.

Kraft, Herman T., assignor to The General Tire & Rubber Company, Akron, Ohio. Tire tread contracting device. 2,353,570; July 11.

Kraft, Herman T., assignor to The General Tire & Rubber Company, Akron, Ohio. Tube connector. 2,355,871; Aug. 15.

Kraft, Herman T., assignor to The General Tire & Rubber Company, Akron, Ohio. Packing material. 2,358,290; Sept. 12.

Kraft, Herman T., Akron, Ohio, assignor to The General Tire & Rubber Company. Pivotal connection. 2,358,518; Sept. 19.

Kraft, Herman T., assignor to The General Tire & Rubber Company, Akron, Ohio. Pneumatic track. 2,365,279; Dec. 19.

Kraft, Herman T., Akron, and W. C. McCoy, Shaker Heights, Ohio, assignors to The General Tire & Rubber Company, Akron, Ohio. Balloon for carrying incendiary material. 2,347,163; Apr. 18.

Kraft, Herman T., and J. I. Kozopas, assignors to The General Tire & Rubber Company, Akron, Ohio. Wheel. 2,348,550; May 9.

Kraft, Norman, Chicago, Ill., assignor to Kraft Cheese Company. Cheese forming method and apparatus. 2,352,210; June 27.

Kraft, Norman, Wilmette, assignor to Kraft Cheese Company, Chicago, Ill. Cheese production. 2,361,775; Oct. 31.

Kraft, Wheaton W., Scarsdale, assignor to The Lummus Company, New York, N. Y. Distillation of hydrocarbons. 2,357,664; Sept. 5.

Krahel, Peter, Newark, N. J. Parachute and automatic opening device therefor. 2,352,721; July 4.

Krainl, Frederick, Jr., North Hackensack, N. J. Strainer and filter. 2,352,260; June 27.

Kral, Joseph, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Fastener. 2,350,315; May 30.

Kram, Walter, and F. L. J. Jarvis, London, England, assignors to International Standard Electric Corporation, New York, N. Y. Switching means for interconnecting co-axial conductors. 2,344,780; Mar. 21.

Kramer, Albert B., Newark, N. J. Hydraulic clutch. 2,348,482; May 9.

Kramer, Albert J., Arlington, Va., assignor to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Plotting instrument. 2,351,769; June 20.

Kramer, Andrew A. (See Clements, Ernest W., assignor.)

Kramer, Andrew A. (See Heinrich, William J., assignor.)

Kramer, Ferdinand, Port Chester, assignor to Allied Purchasing Corporation, F. V. Gerstel, New York, F. Kramer, Port Chester, and P. M. Masur, New York, N. Y. Joint for demountable furniture. 2,362,904; Nov. 14.

Kramer, Ferdinand, Port Chester, assignor to Allied Purchasing Corporation, New York, N. Y. Knockdown easy chair. 2,364,452; Dec. 5.

Kramer, George J. (See Williams, Roy M., and Kramer.)

Krámli, Andreas, and L. Vargha, Budapest, Hungary; vested in the Alien Property Custodian. Electrolytic production of unsaturated ketols. 2,356,596; Aug. 22.

Kraner, Hobart M., Bethlehem, Pa., assignor to Bethlehem Steel Company. Open hearth charging ore. 2,346,034; Apr. 4.

Krantz, Edwin G., Girard, assignor to The Ken-Tool Manufacturing Company, Akron, Ohio. Tire tool. 2,344,704; Mar. 21.

Krapf, George H. (See Deuel, H. A., Jr., and Krapf.)

Krapf, Herman C., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control system. 2,359,123; Sept. 26.

Krasberg, Rudolf, Chicago, Ill. Hair curler. 2,347,693; May 2.

Krasberg, Rudolf, Chicago, Ill. Hair curler. 2,363,131; Nov. 21.

Kraski, Edmund, Dearborn, and C. Lutowsky, Detroit, Mich. Welding goggles. 2,353,043; July 4.

Krasley, Paul, executor. (See Schuler, Adam F.)

Krasnov, Joseph A., Melrose Park, and M. M. Kuller, Allentown, assignors to Sure-Fit Products Company, Darby, Pa. Self-conforming, surface-gripping, ready-made knitted slip cover for overstuffed upholstered furniture. 2,350,359; June 6.

Krasnow, Shelley. (See Kaufman, J. M. S., Krasnow, and Schaerdl.)

Krasnow, Shelley, New York, N. Y., and J. M. S. Kaufman, Washington, D. C. Magnetic direction indicating instrument. 2,350,402; June 6.

Kratky, Anton, Vienna, Germany; vested in the Alien Property Custodian. Electric lamp. 2,348,825; May 16.

Kratoville, Frank M. (See Rubel, W. L., and Kratoville.)

Kratoville, Frank M., assignor to James E. Kearney Corporation, St. Louis, Mo. Connector. 2,339,488; Jan. 18.

Kratz, Edouard M., Ogden Dunes, Ind., assignor to Kraft Cheese Company. Casein sheets. 2,342,739; Feb. 29.

Kratz, Edouard M., Gary, Ind., assignor, by mesne assignments, to Carbide and Carbon Chemicals Corporation, New York, N. Y. Method and apparatus for making sheet material. 2,346,764; Apr. 18.

Kratz, Edouard M., Ogden Dunes, Ind., assignor, by mesne assignments, to Carbide and Carbon Chemicals Corporation, New York, N. Y. Apparatus for making sheet material. 2,346,765; Apr. 18.

Kratz, Edouard M., Gary, Ind., assignor, by mesne assignments, to Carbide and Carbon Chemicals Corporation, New York, N. Y. Band leveling apparatus. 2,355,448; Aug. 8.

Kratz, John A., Yonkers, N. Y., assignor to The Linde Air Products Company. Electric control circuits. 2,348,259; May 9.

Kratz, Oscar E., assignor to The H. D. Lee Company, Incorporated, Kansas City, Mo. Pencil pocket for work garments. 2,360,813; Oct. 17.

Kratzmaier, Paul, Kansas City, Mo. Die working machinery. 2,352,211; June 27.

Kranscope, Albert, Jeannette, and G. P. Lessmann, Forest Hills, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Atmosphere heat-treating furnace. 2,354,127; July 18.

Krause, Charles A., Jr., Fox Point, Wis. Preparation of dehydrated pre-cooked food products. Re. 22,522; July 25.

Krause, Charles A., Jr., Milwaukee, Wis. Preparation of dehydrated precooked legumes. 2,342,149; Feb. 29.

Krause, Ernst, and E. Schröder, Leipzig, Germany; vested in the Alien Property Custodian. Coating of objects of magnesium or the like with oxides. 2,348,826; May 16.

Krause, Karl H., assignor to Massey-Harris Company, Ltd., Toronto, Ontario, Canada. Bracing device for grain drill hoppers. 2,346,436; Apr. 11.

Krause, Norman R., assignor to J. I. Case Company, Racine, Wis. Bale tie. 2,356,936; Aug. 29.

Krause, Walter H., assignor to Chicago Forging & Manufacturing Company, Chicago, Ill. Hood latch for horizontally hinged hood closures. 2,344,705; Mar. 21.

Krause, Walter H., assignor to Chicago Forging & Manufacturing Co., Chicago, Ill. Hood closure supporting means. 2,346,348; May 9.

Krauska, Thomas I., St. Louis, Mo. Oil burner. 2,344,822; Mar. 21.

Kraut, Max, San Francisco, assignor to Southwestern Engineering Company, Los Angeles, Calif. Jig. 2,344,004; Mar. 14.

Kravick, Elvin J., Stoughton, Wis. Poultry feeder. 2,347,418; Apr. 25.

Kraybill, Henry R., P. H. Brewer, and M. H. Thornton, assignors to Purdue Research Foundation, West La Fayette, Ind. Adsorption recovery of phosphatide material from vegetable oils containing it. 2,353,571; July 11.

Krebs, Ernst T., San Francisco, Calif. Processing wood for the rapid maturation of whisky and other alcoholic liquors and wines. 2,347,783; May 2.

Krebs, Robert W., Baton Rouge, La., assignor to Standard Oil Development Company. Process and apparatus for treating fluids. 2,363,874; Nov. 28.

Krebser, Adolf, Riehen, near Basel, and W. Bossard and W. Kuster, assignors to the firm J. R. Geigy A. G., Basel, Switzerland. Monoazo dyestuffs and their manufacture. 2,358,519; Sept. 19.

Krecek, Joseph A. (See Bonorden, A. R., Koos, Krecek, Large, and Marshall.)

Krecek, Joseph A. (See Kinkead, F. S., Krecek, and Young.)

Kreeft, John, Haledon, assignor to Morrison Machine Co., Paterson, N. J. Tentering machine. 2,352,902; July 4.

Kreer, John G., Jr., Bloomfield, and C. O. Mallinckrodt, Summit, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric wave transmission system. 2,340,813; Feb. 1.

Kregel, William C., et al. (See MacMillan, Royal J., assignor.)

Krehbiel, John J., Bridgeport, Conn. Binding book. 2,355,737; Aug. 15.

Kreidel, Hans, Wiesbaden, Germany; vested in the Alien Property Custodian. Tube coupling. 2,341,629; Feb. 15.

Kreidl, Ignaz and W., Dunkirk, N. Y. Increasing the apparent surface hardness of enamels. 2,353,165; July 11.

Kreidl, Werner. (See Kreidl, Ignaz and W.)

Kreisinger, Henry, Piermont, and V. Z. Caracristi, Bronxville, assignors to Combustion Engineering Company, Inc., New York, N. Y. Combustion zone control. 2,363,875; Nov. 28.

Kreitner, Johann, and R. M. Kristal, Brooklyn, N. Y. Determining metacentric height of ships. 2,341,563; Feb. 15.

Kreitner, Johann, Brooklyn, and R. M. Kristal, New York, N. Y. Propellers for multiple propeller ships. 2,349,286; May 23.

Krekeler, Heinz. (See Mueller-Cunradi, M., Giehne, and Krekeler.)

Kremer, Edward H., and H. W. Kenney, assignors to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Making belts. 2,356,249; Aug. 22.

Kremers, Karl, Stuttgart, Germany; vested in the Alien Property Custodian. Separating albuminous products from milk good for beating and baking. 2,349,969; May 30.

Kremp, Rudolf A., Leverkusen, Germany; vested in the Alien Property Custodian. Automatic working up of photographic papers and films. 2,335,442; Jan. 4.

Kress, George, Green Bay, Wis. Making tubular casings for shipping containers. 2,346,135; Apr. 11.

Kress, John J. (See Hedley, N., and Kress.)

Kress, Otto, and C. E. Johnson, assignors to The Institute of Paper Chemistry, Appleton, Wis. Method for coating paper. 2,339,707; Jan. 18.

Kresse, Edward J., Denver, Colo. Dental implant. 2,347,567; Apr. 25.

Kretchmer, Murray, New York, N. Y. Folding box. 2,354,600; July 25.

Kretske, Edwin, Chicago, Ill. Combination lock. 2,342,944; Feb. 29.

Kreuzer, Barton, Los Angeles, Calif., assignor to Radio Corporation of America. Photographic sound record system and record. 2,357,665; Sept. 5.

Kricker, George E., Lakewood, assignor to The Midland Steel Products Company, Cleveland, Ohio. Method and apparatus for welding. 2,347,914; May 2.

Kridel, William J., Rochester, N. Y., assignor to Eastman Kodak Company. Photographic printing material. 2,358,169; Sept. 12.

Kridler, Phillip W., Detroit, Mich. Fish lure. 2,358,079; Sept. 12.

Kriegbaum, George M., Richmond, Ind., assignor to International Harvester Company. Agricultural implement. 2,341,147; Feb. 8.

Kriegbaum, George M., C. C. Haas, and C. W. Mott, Jr., Richmond, Ind., assignors to International Harvester Company. Marker. 2,341,146; Feb. 8.

Kriegbaum, George M., and C. C. Haas, Richmond, Ind., assignor to International Harvester Company. Planter. 2,341,795; Feb. 15.

Krieger, Alvin W., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Circuit breaker. 2,342,945; Feb. 29.

Krieger, Alvin W., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Guard for electric switch levers. 2,348,393; May 9.

Krieger, Joseph L., Baltimore, Md. Coating and coating methods. 2,349,737; May 23.

Krieger, Samuel I., New York, N. Y. Calculating machine. 2,362,702; Nov. 14.

Kriegsfeld, Elias B. (See Machlin, L. G., and Kriegsfeld.)

Kriegsheim, William, Long Island City, N. Y. Film magazine. 2,353,044; July 4.

Krill, Henry A., Aurora, Ill. Nasal filter. 2,340,223; Jan. 25.

Krim, Norman B., Cambridge, assignor, by mesne assignments, to Raytheon Manufacturing Company, Newton, Mass. Electrode assembly for discharge tubes. 2,355,083; Aug. 8.

Kristal, Robert M. (See Kreitner, J., and Kristal.)

Kritzer, Richard W., Chicago, Ill. Air impeller. 2,339,017; Jan. 11.

Kritzer, Richard W., Chicago, Ill. Unit heater. 2,352,485; June 27.

Kroenig, Walter. (See Pier, M., Kroenig, and Rank.)

Kroenig, Walter, Ludwigshafen-on-the-Rhine, Germany, assignor to Standard Catalytic Company. Manufacture of liquid hydrocarbons. 2,345,877; Apr. 4.

Kroenig, Walter, W. v. Fuener, and G. Grassl, Ludwigshafen-on-the-Rhine, Germany; vested in the Alien Property Custodian. Production of hydrocarbon oils. 2,338,119; Jan. 4.

Kroeper, Hugo, Heidelberg, F. Kohler, Mannheim, and K. Wolf, Heidelberg, Germany; vested in the Alien Property Custodian. Superpolyamides and producing same. 2,338,443; Jan. 4.

Kroger Food Foundation, The. (See Volié, Norbert H., assignor.)

Kroger, Fred H., Patchogue, N. Y., assignor to Radio Corporation of America. Ultra short wave apparatus. 2,350,907; June 6.

Krogh, Anker E., assignor to The Brown Instrument Company, Philadelphia, Pa. Gas analysis apparatus. 2,341,727; Feb. 15.

Krogh, Anker E., Mount Airy, assignor to The Brown Instrument Company, Philadelphia, Pa. Moisture control system. 2,346,437; Apr. 11.

Krogh, Anker E., Glenside, assignor to The Brown Instrument Company, Philadelphia, Pa. Control system. 2,354,997; Aug. 1.

Krogh, Anker E., Mount Airy, assignor to The Brown Instrument Company, Philadelphia, Pa. Control system. 2,359,651; Oct. 3.

Kroier, Waldemar, Jacksonville, Fla. Awning fixture. 2,343,909; Mar. 14.

Kroier, Waldemar, Jacksonville, Fla. Interlocking and securing roofing sheets. 2,360,879; Oct. 24.

Kroll, Harry, Sr., Green Bay, Wis. Loader. 2,359,316; Oct. 3.

Kromer, Wallace R., Cleveland, Ohio. Beverage handling and dispensing apparatus. 2,339,082; Jan. 11.

Kron Company, The. (See Carliss, Oswald S., assignor.)

Krone, Howard C., River Edge, and W. Meyer, East Orange, assignors to A. W. Wheaton Brass Works, Newark, N. J. Leakproof swivel joint for pipes. 2,341,449; Feb. 8.

Krone, Howard C., River Edge, and W. Meyer, East Orange, assignors to Wheaton Brass Works, Newark, N. J. Combined swing joint and flow control valve means for liquid loading conduit systems. 2,361,214; Oct. 24.

Kronenberger, Adam. (See Möller, W., and Kronenberger.)

Kronenberger, Adam. (See Wünsch, G., Kronenberger, and Bauer.)

Kronenberger, Adam, Berlin, Germany; vested in the Alien Property Custodian. Rudder machine for automatic pilots. 2,356,597; Aug. 22.

Kronenberger, Adam, and F. E. Bartelt, Berlin, Germany; vested in the Alien Property Custodian. Automatic aircraft steering device. 2,351,977; June 20.

Kronfeld, Maxim, New York, N. Y. Hot-water heating system. 2,363,795; Nov. 28.

Kronheim, Jacob, Cleveland Heights, Ohio, assignor to J. C. Lincoln, Scottsdale, Ariz. Wire spring and spring structure. Re. 22,461; Mar. 28.

Kronmiller, Carl G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Condition control means. 2,345,981; Apr. 4.

Kronmiller, Carl G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control device. 2,355,872; Aug. 15.

Kronmiller, Carl G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Thermostat. 2,359,482; Oct. 3.

Kronquest, Alfred L., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Rotary can marker. 2,362,206; Nov. 7.

Kroon, Reinout P., Swarthmore, and C. A. Meyer, Drexel Hill, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Turbine nozzle. 2,341,148; Feb. 8.

Kropa, Edward L., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Producing polymeric materials. 2,356,767; Aug. 29.

Kropa, Edward L., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Production of methacrylates. 2,360,880; Oct. 24.

Kropf, Henry W., and A. J. Brickner, assignors to Brickner-Kropf Machine Company, Muskegon Heights, Mich. Grinding wheel dresser. 2,351,269; June 13.

Kropp, Einar. (See McConnell, E. B., and Kropp.)

Kropscott, Earle L., and M. J. Hunter, assignors to The Dow Chemical Company, Midland, Mich. Thermoplastic molding composition. 2,357,833; Sept. 12.

Krotz, Alvin S. (See Leguillon, C. W., and Krotz.)

Krotz, Alvin S., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Vehicle suspension and spring. 2,345,201; Mar. 28.

Kroyer, John M., assignor of one-fourth to J. O. Eccleston, Stockton, Calif. Internal-combustion engine. 2,355,806; Aug. 15.

Kruck, Ralph E., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. 2,341,924; Feb. 15.

Krues, Charles H., Fort Thomas, Ky. Combination basting and skewering device. 2,350,623; June 6.

Krueger, Albert Oracle, Ariz., assignor to J. H. H. Voss Co., New York, N. Y. Grinder and juicer. 2,358,170; Sept. 12.

Krueger, Albert G. (See Vaughan, F. P., Krueger, Slye, and Engel.)

Krueger, Alfred P., Stratford, assignor to Derby Sealers, Incorporated, Derby, Conn. Tape-serving mechanism. 2,365,477; Dec. 19.

Krueger, Alfred P., Stratford, and M. J. West, assignors, by mesne assignments, to Better Packages, Inc., Shelton, Conn. Tape-serving mechanism. 2,350,231; May 30.

Krueger, Archibald S. (See Slye, N. J., and Krueger.)

Krueger, Edward C., Otsego, assignor to Hammond Machinery Builders, Inc., Kalamazoo, Mich. Grinding machine. 2,361,550; Oct. 31.

Krueger, Ernest A., assignor to White Cap Company, Chicago, Ill. Assorting apparatus. 2,361,948; Nov. 7.

Krueger, Erwin K., Denver, Colo. Loom picker. 2,357,010; Aug. 29.

Krueger, Frank, Milbrae, Calif., assignor to E. W. Bliss Company, Brooklyn, N. Y. Apparatus for applying tops to can bodies. 2,344,546; Mar. 21.

Krueger, Gustav, Lisbon, N. Dak. Lift for bundle carriers. 2,338,769; Jan. 11.

Krueper, Harry J., Los Angeles, Calif. Form tie assembly for concrete construction. 2,365,563; Dec. 19.

Krueger, Herman A., assignor to one-half to M. A. Atlas, Detroit, Mich. Dividing head. 2,339,864; Jan. 25.

Krueger, Theodore H., assignor to Better Packages Incorporated, Stratford, Conn. Strip serving machine. 2,362,640; Nov. 14.

Krueger, Theodore H., Stratford, Conn., assignor to Better Partages Incorporated. Strip serving machine. 2,362,641; Nov. 14.

Krueger, Theodore H., Stratford, Conn., assignor to Better Packages Incorporated. Gummed paper moistener. 2,362,755; Nov. 14.

Krug, Louis G., assignor to Chicago Rawhide Manufacturing Company, Chicago, Ill. Oil seal. 2,363,110; Nov. 21.

Kruger, Bernard V., Long Beach, Calif. Tool for applying cable clips. 2,353,906; July 18.

Krugler, Allen D., Pontiac, Mich., assignor to Phillips Petroleum Company. Pressure regulator. 2,351,135; June 13.

Krugler, Allen D., Bartlesville, Okla., assignor to Phillips Petroleum Company. Controlled cycle relief valve. 2,356,410; Aug. 22.

Krugler, Allen D., Bartlesville, Okla., assignor to Phillips Petroleum Company. Fluid pressure regulator. 2,359,523; Oct. 3.

Kruh, Osias, Brooklyn, N. Y. Apparatus for manufacturing metals. 2,365,346; Dec. 19.

Kruithof, Jakob. (See Kosma, L., and Kruithof.)

Krumbolz, Orus F., Huron, S. Dak. Magnetic field control of heterogeneous catalysts. 2,352,791; July 4.

Krumreide, Elmer E., Park Ridge, Ill. File fastener. 2,345,494; Mar. 28.

Kruse, Edward H., Fort Wayne, Ind. Fishing apparatus. 2,365,414; Dec. 19.

Kruse, Edward H., Fort Wayne, Ind. Scull for boats. 2,365,415; Dec. 19.

Kruse, Frederick P., Berkeley, Calif. Tap and die holder. 2,340,477; Feb. 1.

Kruse, Otlin O., Oak Park, Ill., assignor to American Can Company, New York, N. Y. Drying oven. 2,364,060; Dec. 5.

Krusemark, Frederick A., Chicago, Ill., assignor to The Mansfield Tire and Rubber Company, Mansfield, Ohio. Valve for safety inner tubes and the like. 2,351,054; June 13.

Krüssmann, Adolf, Berlin-Wilmersdorf, Germany; vested in the Alien Property Custodian. Device for controlling precessional forces in gyroscopes. 2,349,287; May 23.

Krüssmann, Adolf, Berlin-Friedenau, Germany; vested in the Alien Property Custodian. Device for converting a controlling impulse into an alternating current impulse. 2,350,776; June 6.

Kruszynski, Vincent L. (See Wojtan, Edwin A., assignor.)

Kruta, Erich. (See Kleeskalt, S., Kruta, Quednau, and Patat.)

Krzikalla, Hans, O. Dornheim, and H. Pfitzner, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline & Film Corporation, New York, N. Y. Dyestuff salts. 2,345,485; Mar. 28.

Ku, Chain Ki, Kowloon, Hong Kong, China; vested in the Alien Property Custodian. Reading stand. 2,354,998; Aug. 1.

Kubatzky, Otto, St. Louis, Mo. Window ventilator for casements. 2,351,522; June 13.

Kubaugh, Benjamin F., assignor to Henry Vogt Machine Co., Inc., Louisville, Ky. Double pipe chiller. 2,340,759; Feb. 1.

Kubaugh, Le Roy M., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Resilient washer. 2,339,549; Jan. 18.

Kublanow, Joseph, Pittsburgh, Pa. Composite building panel. 2,339,489; Jan. 18.

Kublin, Frederick W. (See Mueller, W. F., and Kublin.)

Kubovcik, Joseph J., San Francisco, Calif. Sock lining. 2,355,168; Aug. 8.

Kucera, Frank A., assignor to Union Special Machine Company, Chicago, Ill. Sewing machine. 2,361,776; Oct. 31.

Kucera, Frank A., Chicago, Ill., and R. Brock, Brooklyn, N. Y., assignors to Union Special Machine Company, Chicago, Ill. Uncurler guide for cup feed sewing machines. 2,339,574; Jan. 18.

Kucera, Joseph B., Traer, Iowa. Vehicle. 2,365,884; Dec. 26.

Kuch, Martin G., W. C. Petersen, H. H. Hartwig, and N. G. Livingston, assignors to The Buckeye Traction Ditcher Company. Crane attachment for tractors. 2,366,115; Dec. 26.

Kucher, Andrew A., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,344,706; Mar. 21.

Kucher, Andrew A., Grosse Pointe Farms, assignor to Bendix Aviation Corporation, Detroit, Mich. Motor vehicle. 2,363,977; Nov. 28.

Kucher, Andrew A., Oakwood, A. A. McCormack, and G. W. Wolcott, assignors to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,354,865; Aug. 1.

Kucher, József. (See de Király, P., and Kucher.)

Kuebert, Edward J., Bellmore, and J. P. Della Corte, Brooklyn, N. Y., assignors to Fairchild Camera and Instrument Corporation. Shock absorbing supporting device. 2,357,120; Aug. 29.

Kuebler, Robert A., Cleveland Heights, Ohio, assignor to General Electric Company. Vitreous electrical device and its fabrication. 2,359,483; Oct. 3.

Kuehl, Theodore, Clio, Mich. Carbon stick attachment for motion picture projector lamps. 2,362,281; Nov. 7.

Kuehlman, Norman V., Milwaukee, Wis., assignor to The National Lock Washer Company, Newark, N. J. Magazine filling mechanism. 2,364,797; Dec. 12.

Kuehn, Frank O., Sr. (See Beskin, Gerald S., assignor.)

Kuehnel, William J., Sag Harbor, assignor of one-half to J. Merrow, New York, N. Y. Mitten. 2,342,547; Feb. 22.

Kuehni, Hans P., Schenectady, N. Y., assignor to General Electric Company. Thickness gauge. 2,357,666; Sept. 5.

Kueneman, Donald. (See Kueneman, John R. and D.)

Kueneman, John R. and D., Oakland, Calif. Crusher. 2,341,105; Feb. 8.

Kuettel, John J., assignor of one-half to J. M. Lawler, St. Paul, Minn. Electric space heater. 2,353,247; July 11.

Kugler, Joseph H., and B. J. Oakes, assignors to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Abrasive sheet material. 2,357,335; Sept. 5.

Kuh, Erwin, New Brunswick, N. J., assignor to American Cyanamid Company, New York, N. Y. Producing 2-aminopyrimidine. 2,344,707; Mar. 21.

Kuhl, Alphons M., Omaha, Nebr. Dehorning chisel. 2,338,648; Jan. 4.

Kuhl, Charles C., deceased, South Bend; H. O. Kuhl, administratrix, assignor of one-half to H. O. Kuhl, St. Joseph County, and one-half to G. A. Yuncker, South Bend, Ind. Dispensing machine. 2,360,341; Oct. 10.

Kuhl, Frederick A. (See Boucher, C. P., and Kuhl.)

Kuhl, Hazel O., administratrix, et al. (See Kuhl, Charles C., assignor.)

Kuhl, Paul E., Madison, N. J., assignor to Standard Oil Development Company. Chemical process. 2,339,932; Jan. 25.

Kuhles, Edward K. (See Getz, C. A., and Kuhles.)

Kuhlik, Hattie B. (See Kuhlik, Jacob M., assignor.)

Kuhlik, Jacob M., assignor to H. B. Kuhlik, Brooklyn, N. Y. Film reel. 2,355,594; Aug. 8.

Kuhlke, Otto J., assignor to The McNeil Machine and Engineering Company, Akron, Ohio. Tire vulcanizing press and stripping tires from molds. 2,340,191; Jan. 25.

Kuhlman, Henry J., Waterloo, Iowa. Fertilizer distributor. 2,343,303; Mar. 7.

Kuhlman, Orville E., Kansas City, Mo., assignor to W. A. Sheaffer Pen Company, Fort Madison, Iowa. Pour-out closure. 2,362,905; Nov. 14.

Kuhn, Albert J. (See Alexander, D. F., Hornaday, and Kuhn.)

Kuhn, Clarence W., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Circuit controlling device. 2,362,207; Nov. 7.

Kuhn, Ernst. (See Kallmann, H. I., and Kuhn.)

Kuhn, Frank, Detroit, and L. H. Thomas, Birmingham, assignors to American Electrical Heater Company, Detroit, Mich. Electrically heated glue pot. 2,360,691; Oct. 17.

Kuhn, Max O., Cuyahoga Falls, assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Container. 2,339,554; Jan. 18.

Kuhn, Max O., Cuyahoga Falls, assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Container. 2,354,425; July 25.

Kuhn, Paul R. (See Taylor, W. J., Regan, Kiyver, and Kuhn.)

Kuhn, Wayne E., Scarsdale, assignor to The Texas Company, New York, N. Y. Conversion of hydrocarbon oils. 2,343,192; Feb. 29.

Kuhn, Wayne E., Scarsdale, assignor, by mesne assignments, to The Texas Company, New York, N. Y. Conversion of hydrocarbon oils. 2,345,129; Mar. 28.

Kuhn, Wayne E., Scarsdale, assignor to The Texas Company, New York, N. Y. Solvent extraction. 2,357,667; Sept. 5.

Kuhne, Clarence A., Baltimore, Md. Receptacle. 2,360,351; Oct. 17.

Kühne, Walther, Mannheim, Germany; vested in the Alien Property Custodian. Production of light sensitive photographic material. 2,365,416; Dec. 19.

Kuhni, Leopold, Bridgeport, Conn., assignor to Magazine Repeating Razor Company, New York, N. Y. Razor blade stack. 2,357,208; Aug. 29.

Kuhrt, Noel H. (See Hickman, K. C. D., and Kuhrt.)

Kula, Wiktor, London, England. Hand grenade. 2,358,647; Sept. 19.

Kulberg, August E., and C. L. Albright, Beverly, Mass., assignors to Sylvania Electric Products Inc. Apparatus for coating fluorescent lamps. 2,364,798; Dec. 12.

Kulka, Eugene R., Mount Vernon, N. Y. Weatherproof socket for electric light bulbs. 2,340,062; Jan. 25.

Kulka, Eugene R., Mount Vernon, N. Y. Two-way flasher and circuit control. 2,350,403; June 6.

Kulka, Eugene R., Mount Vernon, N. Y. Combination lamp holder and starter holder. 2,363,734; Nov. 28.

Kuller, Max M. (See Krasnov, J. A., and Kuller.)

Kulling, Rudolph C., Chicago, Ill. Fusepiug. 2,359,565; Oct. 3.

Kullman, Alfred, and T. A. Waltz, assignors to The American Tool Works Company, Cincinnati, Ohio. Apparatus for flame hardening racks and the like. 2,346,923; Apr. 18.

Kulman, Herman M., Atlanta, Ga. Container closure. 2,341,925; Feb. 15.

Kulo, Thomas E. (See Baur, H. J., and Kulo.)

Kulo, Thomas E., trustee. (See Baur, H. J., and Kulo.)

Kühz, Fritz, Frankfort-on-the-Main, Germany; vested in the Alien Property Custodian. Therapeutically active tetrahydroisoquinoline compounds and process for their production. 2,344,095; Mar. 14.

Kumetat, Karl, Wolfen, Kreis Bitterfeld, and O. Riester, Dessau-Haldeburg, Germany; vested in the Alien Property Custodian. Production of nitrogenous heterocyclic compounds. 2,349,179; May 16.

Kumetat, Karl, Wolfen, Kreis Bitterfeld, and O. Riester, Dessau-Haldeburg, Germany, assignors to General Aniline & Film Corporation, New York, N. Y. Trimethinecyanine dyestuffs. 2,354,524; July 25.

Kumler, Ralph W., Winchester, Mass., and H. Sinclair, Canton, Ohio, assignors to Bennett Incorporated, Cambridge, Mass. Emulsified wax composition and preparation. 2,343,065; Feb. 29.

Kummel, Paul, Oranienburg near Berlin, Germany; vested in the Alien Property Custodian. Solvent for chlorinated rubber. 2,338,948; Jan. 11.

Kummerer, Wilhelm, Berlin, Germany; vested in the Alien Property Custodian. Arrangement to disconnect transmitter tubes. 2,353,677; July 18.

Kümmich, Theodor, Stuttgart, Germany; vested in the Alien Property Custodian. Operating arrangement, particularly for change-speed gearing for motor vehicles. 2,344,096; Mar. 14.

Kummich, Theodor, Stuttgart, Germany; vested in the Alien Property Custodian. Change-speed gear. 2,356,522; Aug. 22.

Kump, Henry, Berwick, Pa., assignor to American Car and Foundry Company, New York, N. Y. Car truck. 2,359,225; Sept. 26.

Kuna, Andrew E., and R. J. Heil, Dayton, Ohio. Gauge for adjusting brakes. 2,341,796; Feb. 15.

Kundt, Heins E. (See Bechmann, R., Kundt, and Bremer.)

Kunert, Josef, Nixdorf, Sudetenland, Germany; vested in the Alien Property Custodian. Stapling machine. 2,347,568; Apr. 25.

Küng, Frederick E., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Preparation of beta-alkoxy monocarboxylic acids. 2,352,641; July 4.

Küng, Frederick E., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Preparation of beta lactones. 2,356,459; Aug. 22.

Kung, Frederick E., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Preparation of alpha-beta unsaturated carboxylic acids. 2,361,036; Oct. 24.

Kunkel, Elza O., Mount Vernon, assignor of one-half to J. A. Matthews, Centralia, Ill. Throttle valve. 2,359,369; Oct. 3.

Kunkel, Wallace C., Houston, Tex. Flask clamp. 2,359,996; Oct. 10.

Kuntz, Frank A., Woodhaven, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone booth. 2,345,705; Apr. 4.

Kuntz, Frank A., Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone booth. 2,353,045; July 4.

Kuntz, Harry A., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Plastic washing apparatus. 2,356,411; Aug. 22.

Kunz, Eric C., Montclair, M. Luthy, Ridgewood, and W. S. Gump, Nutley, N. J., assignors to Burton T. Bush, Inc., New York, N. Y. Germicidal soap. 2,353,735; July 18.

Kunz, John, assignor to Miller Printing Machinery Co., Pittsburgh, Pa. Inker. 2,339,275; Jan. 18.

Kunz, John, assignor to Miller Printing Machinery Co., Pittsburgh, Pa. Inker mechanism. 2,343,910; Mar. 14.

Kunzelman, Edward. (See Hopp, H. P., and Kunzelman.)

Kupec, William J., and A. W. Rawlins, New York, N. Y. Reinforced concrete floor construction. 2,357,408; Sept. 5.

Küpmüller, Karl, Berlin-Charlottenburg, and K. Reche, Berlin-Siemensstadt, Germany; vested in the Alien Property Custodian. Telautograph. 2,338,949; Jan. 11.

Küppenbender, Heinz, Dresden, Germany; vested in the Alien Property Custodian. Photographic camera. 2,351,978; June 20.

Küppenbender, Heinz, Dresden, H. Eyth, Stuttgart-Sonnenburg and E. Jörg, Stuttgart, Germany; vested in the Alien Property Custodian. Photographic camera. 2,344,409; Mar. 14.

Kurkjian, Yervant H., Clifton, N. J. Automatic control for the letoff mechanism of looms. 2,355,656; Aug. 15.

Kurkjian, Yervant H., Clifton, N. J. Automatic control for the letoff mechanism of looms. 2,357,336; Sept. 5.

Kurlychek, John L., Orange, N. J., assignor to United States Rubber Company, New York, N. Y. Fungicidal preparations. 2,358,402; Sept. 19.

Kurnit, Abe, Hollis, N. Y. Portable trackage system. 2,345,706; Apr. 4.

Kurowski, Alfred G. F., Brooklyn, assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,353,407; July 11.

Kurrle, Christian, Dayton, Ohio. Collapsible fuel tank. 2,355,084; Aug. 8.

Kurth, Ervin F., U. S. Army, Washington, D. C., and E. L. Briggs, High Point, N. C. Two-decker bed. 2,363,599; Nov. 28.

Kurth, Franz J., and F. Honerkamp, assignors to Anemostat Corporation of America, New York, N. Y. Air outlet device. 2,345,938; Apr. 4.

Kurtz, August R., et al. (See Brickley, James L., assignor.)

Kurtz, Henry F. (See Boughton, O. W., and Kurtz.)

Kurtz, Henry F. (See Flint, E. F., and Kurtz.)

Kurtz, Kerwin K. (See Uncles, R. F., and Kurtz.)

Kurtz, Lee L., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Method of manufacture. 2,357,407; Sept. 5.

Küry, Josef. (See Bobst, H., and Kürv.)

Kury, Philip J. (See Brewer, Charles A., assignor.)

Kursina, Stanley B., Jr., Elmira, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Making backpedaling brakes for velocipedes. 2,355,308; Aug. 8.

Kuser, Dryden, et al., trustee. (See Woodhull, Frederick W., assignor.)

Kuser, Louise M., et al. (See Woodhull, Frederick W., assignor.)

Kusman, David, Brussels, Belgium; vested in the Alien Property Custodian. Manufacturing sodium cyanide. 2,365,417; Dec. 19.

Kuss, Ernst. (See Wolf, H., Kuss, Hohn, and Stietzel.)

Kuss, Harold E., Lock-Haven, Pa. Garment hanger. 2,362,756; Nov. 14.

Kuss, Harold E., Lock-Haven, Pa. Headgear for posture correction. 2,357,746; Sept. 5.

Kussmaul, Walter. (See Stoll, A., Kussmaul, and Becker.)

Kuster, Werner. (See Krebser, A., Bossard, and Kuster.)

Kuster, William H., San Francisco, and E. A. Glynn, Lodi, Calif. Kettle mounting and control means. 2,346,973; Apr. 18.

Kuster, William H., San Francisco, and E. A. Glynn, Lodi, Calif. Fluid circulating device. 2,352,792; July 4.

Kuster, William H., San Francisco, and E. A. Glynn, Lodi, Calif. Flange coupling and locking unit. 2,353,572; July 11.

Kuster, William H., San Francisco, and E. A. Glynn, Lodi, Calif. Fluid circulating system. 2,357,960; Sept. 12.

Kutil, Michael, Manitowoc, Wis. Screen. 2,338,649; Jan. 4.

Kutsche, Alfred P., Milwaukee, Wis. Rotary garment drier. 2,361,297; Oct. 24.

Kuttner, Julius, Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Pump impeller. 2,362,703; Nov. 14.

Kuzela, Frank, Tyndall, S. Dak. Post puller and the like. 2,341,106; Feb. 8.

Kutsler, Robert J., and L. A. Griffith, assignors to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Motor control system. Re. 22,508; June 27.

Kuzmick, Joseph N., Clifton, assignor to Raybestos-Manhattan, Inc., Passaic, N. J. Manufacture of molded compositions for brake linings or similar articles. 2,357,409; Sept. 5.

Kuzmiars, Tomasz, as Delegate of the Ministry of Finance of the Republic of Poland, et al. (See Szuklewicz, Waclaw, assignor.)

Kvalnes, Donovan E., Penns Grove, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Red isonazo wool dyes. 2,361,481; Oct. 31.

Kvalnes, Donovan E., Penns Grove, N. J., and N. J. Letang, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of azo dyestuff. 2,366,034; Dec. 26.

Kyle, Arthur B., Vancouver, British Columbia, Canada. Brake apparatus. 2,346,539; Apr. 11.

Kyle, Stanley C. (See Russell, D. A., and Kyle.)

Kyle, William D., and C. W. Brown, Milwaukee, assignors to Line Material Company, South Milwaukee, Wis. Circuit interrupter. 2,348,394; May 9.

Kyne, Edward J., Brooklyn, N. Y. Raising sunken boats. 2,346,974; Apr. 18.

Kyrides, Lucas P., Webster Groves, assignor to Monsanto Chemical Company, St. Louis, Mo. Production of alkene-succinic acids. 2,360,426; Oct. 17.

Kyrides, Lucas P., Webster Groves, assignor to Monsanto Chemical Company, St. Louis, Mo. Production of N,N-dialkylamino alcohols. 2,365,825; Dec. 26.

Kysor, Karl D. (See Perkins, C. M., and Kysor.)

L & B Jewelry Manufacturing Company. (See Berthelman, Sidney J., assignor.)

L & M Rubber Products, Inc. (See MacGregor, Laurence B., assignor.)

Labaree, Benjamin, and R. K. Knipe, assignors to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Heat insulating panel. 2,338,520; Jan. 4.

Labaree, Benjamin, and R. K. Knipe, assignors to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Economizer door for boiler enclosures. 2,354,384; July 25.

La Bombard, Leon E., assignor to The International Paper Box Machine Company, Nashua, N. H. Sheet cutting mechanism. 2,341,503; Feb. 8.

Laboulais, Jean, Greenwich, Conn., assignor to Auto-Ordnance Corporation. Thrust bearing. 2,342,055; Feb. 15.

Laboulais, Jean L., assignor to Gyro-Balance Corporation, Greenwich, Conn. Dynamic balancing. 2,346,975; Apr. 18.

La Bour, Harry E., Elkhart, Ind. Liquid shaft seal. 2,353,478; July 11.

La Bour, Harry E., Elkhart, Ind. Mobile fire pumper. 2,360,777; Oct. 17.

La Breche, Neil F., and W. S. Fandrel, Ashtabula, Ohio. Ice and sludge eliminator. 2,342,740; Feb. 29.

La Brie, Ludger E., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Hydrodynamic transmission. 2,343,304; Mar. 7.

Lacey, Harold T., and H. Z. Lecher, Plainfield, N. J., assignors to American Cyanamid Company, New York, N. Y. Conditioning of pigments. 2,359,737; Oct. 10.

LaChapelle, Euclid I., Brockton, Mass. Stretching and assembling shoe uppers on lasts. 2,347,269; Apr. 25.

La Chapelle, Evelyn M. (See La Chapelle, Fred N., assignor.)

La Chapelle, Fred N., assignor to E. M. La Chapelle, Beverly, Mass. Box toe for shoes. 2,360,951; Oct. 24.

Lachapelle, Joseph F., West Chester, Pa., assignor to General Motors Corporation, Detroit, Mich. Automatic starter switch. 2,363,534; Nov. 28.

Lachman, Sarah S., New York, N. Y., assignor to Transport Steel Products, Inc., Jersey City, N. J. Expanded metal structural member. 2,356,675; Aug. 22.

Lachman, Winnie S., assignor to Structural Patents Corporation, New York, N. Y. Metallic structure. 2,338,444; Jan. 4.

Larkey, George, Whittier, Calif. Clamp. 2,345,269; Mar. 28.

Lacy, Howard J., II, and E. C. Slaughter, assignors to U. S. Corrugated Fibre Box Company, Indianapolis, Ind. Packaging heavy, legged articles. 2,348,483; May 9.

Ladd, Edward T., Lewiston Heights, assignor to Innis, Speiden & Co., Niagara Falls, N. Y. Producing potassium hydroxide of high purity. 2,363,066; Nov. 21.

Ladd, Elbert C., Passaic, N. J., assignor to United States Rubber Company, New York, N. Y. Parasiticidal preparations. 2,362,563; Nov. 14.

Ladd, Elbert C., Passaic, N. J., assignor to United States Rubber Company, New York, N. Y. Parasiticidal preparations. 2,362,564; Nov. 14.

Ladd, Elbert C., Passaic, N. J., assignor to United States Rubber Company, New York, N. Y. Parasiticidal preparations. 2,362,565; Nov. 14.

Ladd, Frederick A., Jr., Arlington, assignor to The Reece Button Hole Machine Company, Boston, Mass. Buttonhole sewing machine. 2,340,391; Feb. 1.

Ladd, Tallman, Garden City, assignor to Combustion Engineering Company, Inc., New York, N. Y. Combustion control. 2,354,990; Aug. 1.

Ladden, John J., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Making warp beam sleeve. 2,346,035; Apr. 4.

Laddon, Isaac M., San Diego, Calif., assignor to Consolidated Vultee Aircraft Corporation. Seal arrangement. 2,361,298; Oct. 24.

La-Del Conveyor & Manufacturing Company. (See Bebinger, Charles N., assignor.)

La-Del Conveyor & Manufacturing Company. (See Troller, Theodor H., assignor.)

Ladner, Lawrence A. (See Stout, F. S., Bond, and Ladner.)

Ladon, Aaron A., Evanston, Ill., assignor to Masonite Corporation, Laurel, Mich. Building construction. 2,356,768; Aug. 29.

Lady Mac Corset Co. (See McMichael, Carrie S., assignor.)

Laehr, Theodore H., Roseland, N. J. Junction box. 2,340,667; Feb. 1.

La Faille, Harvey, Springfield, Mass. Sheet positioning device. 2,355,873; Aug. 15.

Laferriere, Joseph E., Boston, Mass. Game apparatus having pieces setting-up means. 2,361,482; Oct. 31.

Laffoon, Roxine E., San Diego, Calif. Brassière. 2,340,332; Feb. 1.

Lafite, Roger G., Kansas City, Mo. Relay. 2,358,648; Sept. 19.

Laford, Herbert M., Bloomfield, assignor to Electro-Protective Corporation, Newark, N. J. Electrical protective alarm system. 2,346,171; Apr. 11.

La Forest, Louis Z., Parsippany-Troy Hills Township, Morris County, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Phonograph. 2,359,370; Oct. 3.

La Forge, Louis H., Jr., assignor to Invex Corporation, Cleveland, Ohio. Space discharge tube. 2,354,031; July 18.

La France, Donald S. (See Hearne, G. W., and La France.)

Lagasse, Alfred, Weymouth, Mass. Loom temple roll. 2,364,983; Dec. 12.

Lager, Eric W., assignor to Industrial Patents Corporation, Chicago, Ill. Truck refrigeration. 2,353,909; July 18.

La Grotta, Frank, New York, N. Y., assignor to Conver Steel & Wire Co. Incorporated. Wall clip. 2,365,478; Dec. 19.

Laham, George S., Oklahoma City, Okla. Service table for motor vehicles. 2,357,668; Sept. 5.

Lahm, David E., New York, N. Y. Garment shoulder foundation construction. 2,365,280; Dec. 19.

Laidig, Alfred H., Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Lamp holder. 2,350,124; Sept. 26.

Laing, Marvin R., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Valve. 2,347,351; Apr. 25.

Laird, John A. (See Hendry, N., and Laird.)

Laird, John A., assignor to Joseph Lucas Limited, Birmingham, England. Dynamo and regulating means therefor. 2,344,311; Mar. 14.

Laird, John A., Birmingham, England, assignor to Bendix Aviation Corporation, New York, N. Y. Electric ignition system and apparatus. 2,356,676; Aug. 22.

Laird, Robert F., Salem, and R. C. Hartig, Penns Grove, N. J., assignors to Kinetic Chemicals, Inc., Wilmington, Del. Purification of hydrochloric acid. 2,343,462; Mar. 7.

Laird, Wilbur G., Pleasantville, N. Y. Floating roof storage apparatus for volatile liquids. 2,344,436; Mar. 14.

Laird, Wilbur G., Pleasantville, N. Y. Constructing metal liquid storage tanks. 2,355,874; Aug. 15.

Lait, James R., Wembley, England, assignor to General Electric Company. Ceramic materials. 2,363,067; Nov. 21.

Lake, Clair D., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Typewriting machine. 2,360,541; June 6.

Lake, Clair D., Binghamton, and F. E. Hamilton, Endicott, assignors to International Business Machines Corporation, New York, N. Y. Sheet stacking mechanism. 2,348,073; May 2.

Lake, Clair D., Binghamton, and F. E. Hamilton, Endicott, assignors to International Business Machines Corporation, New York, N. Y. Sheet feeding machine. 2,350,511; June 6.

Lake, Clair D., Binghamton, and F. E. Hamilton, Endicott, assignors to International Business Machines Corporation, New York, N. Y. Card punching machine. 2,353,046; July 4.

Lake, Donald W., Downers Grove, and J. Briskin, assignors to Excel Auto Radiator Company, Chicago, Ill. Fan for heat exchange devices. 2,354,128; July 18.

Lake, Frank R. (See Cochran, C. W., and Lake.)

Lake, George R., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Lubricating oil production. 2,358,128; Sept. 12.

Lake, George R., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Distillation process. 2,358,129; Sept. 12.

Lake, Milton E. (See Lyon, W. L., and Lake.)

Lake, Norman C., Stockton-on-Tees, assignor to Head, Wrightson & Company, Limited, Thornaby-on-Tees, England. Apparatus for detwisting metal sections. 2,346,438; Apr. 11.

Lake, Norman C., Stockton-on-Tees, assignor to Head, Wrightson & Company, Limited, Thornaby-on-Tees, England. Stretching machine for flattening metal strip. 2,364,376; Dec. 5.

Lake, Philip L., Fort Lauderdale, Fla. Removable fitting for corrugated flexible hose. 2,357,669; Sept. 5.

Lake, Ralph W., Yreka, Calif. Ophthalmic mounting. 2,363,978; Nov. 28.

Lake, Ross A., Oak Park, assignor to Teletype Corporation, Chicago, Ill. Printing telegraph apparatus. 2,339,785; Jan. 25.

Lake, Ross A., Oak Park, assignor to Teletype Corporation, Chicago, Ill. Printing telegraph apparatus. 2,355,657; Aug. 15.

Lake, Thomas A. E., Stratford, Conn., assignor to G. B. Cluett, 2nd, Troy, N. Y. Displacement-hydroplane boat. 2,344,619; Mar. 21.

Lake Erie Chemical Company, The. (See Sigmund, F. J., and Klavin, assignors.)

Lake Erie Chemical Company, The. (See Wolf, F., and Sigmund, assignors.)

Lake State Products, Inc. (See Corwin, Howard D., assignor.)

Lakey, Arthur B., assignor to Kingsbury Machine Works, Inc., Philadelphia, Pa. Bearing lubricating means. 2,357,410; Sept. 5.

Lakhovsky, Anne-Marie L., administratrix. (See Lakhovsky, George.)

Lakhovsky, George, New York, N. Y., deceased, A.-M. L. Lakhovsky, administratrix, assignor to H. S. Blum, Chicago, Ill. Tube for producing multiple wave lengths. 2,351,055; June 13.

Lakin, John W., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Outside door handle assembly. 2,355,449; Aug. 8.

Lakin, John W., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Power-operated window regulator. 2,361,037; Oct. 24.

Lakso, Eino E., Fitchburg, Mass. Ampoule washer. 2,347,057; Apr. 18.

La Lande, William A., Jr., Upper Darby, assignor to Attapulgus Clay Company, Philadelphia, Pa. Making catalysts. 2,350,282; May 30.

La Lande, William A., Jr., Upper Darby, assignor to Attapulgus Clay Company, Philadelphia, Pa. Improved fullers-earth and preparation thereof. 2,363,876; Nov. 28.

Lallberte, Albert J., Naugatuck, Conn., assignor to United States Rubber Company, New York, N. Y. Rubber vulcanization accelerator. 2,342,870; Feb. 29.

La Liberte, Elie J., Springfield, Mass. Inflatable tourniquet and fastener therefor. 2,347,197; Apr. 25.

Lalonde, Oscar V., assignor to Cushman & Denison Manufacturing Company, Inc., New York, N. Y. Safety envelope. 2,356,066; Aug. 15.

Lalor, Robert E. (See Van Wirt, A. E., and Lalor.)

Lamac Process Company. (See Suerken, Maxwell C., assignor.)

La Mar, Frank C., Tucson, Ariz. Fuse. 2,343,676; Mar. 7.

La Mar, Frank C., Tucson, Ariz. Fuse. 2,343,677; Mar. 7.

Lamar, Harry H., Chicago, Ill. Ice-cubing device. 2,345,678; Apr. 4.

Lamar Slide Fastener Corp. (See Natske, Alfred G., assignor.)

La Marca, John, Fairview, N. J., assignor to Aluminum Company of America, Pittsburgh, Pa. Handling strip material. 2,345,756; Apr. 4.

La Marquise Footwear, Inc. (See Pepitone, Sal, assignor.)

Lamatsch, Frederick, Grantwood, N. J., assignor to R. Hoe & Co., Inc., New York, N. Y. Multicolor printing machine. 2,346,588; Apr. 11.

Lamatsch, Frederick, Grantwood, N. J., assignor to R. Hoe & Co., Inc., New York, N. Y. Inking mechanism for printing machines. 2,360,502; Oct. 17.

Lamb, Anthony H., Hillside, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Relay circuit. 2,340,668; Feb. 1.

Lamb, Anthony H., Hillside, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Electrical relay. 2,353,616; July 11.

Lamb, Anthony H., Elizabeth, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Relay circuit. 2,346,589; Apr. 11.

Lamb, Anthony H., Elizabeth, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Encased electrical device. 2,363,796; Nov. 28.

Lamb, Bernard V., Hayward, Calif. Feeding of poultry. 2,340,063; Jan. 25.

Lamb, Clyde K., Cleveland, Ohio. Obstruction lighting structure. 2,358,014; Sept. 12.

Lamb, Francis K., East Orange, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Damping device for electrical instruments. 2,353,617; July 11.

Lamb, Francis X., East Orange, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Damping device for electrical instruments. 2,353,618; July 11.

Lamb, George G., and F. H. Blunck, assignors to Standard Oil Company, Chicago, Ill. Hydrocarbon conversion. 2,340,600; Feb. 1.

Lamb, Ohio. (See Gundelfinger, W. E., and Lamb.)

Lamb, Thomas, New York, N. Y. Armrest for crutches. 2,362,642; Nov. 14.

Lamb, Wade. (See Herreshoff, A. G., and Lamb.)

Lamb, William H., Merrick, N. Y. Clamping device. 2,353,248; July 11.

Lambach, Fritz, Tenafly, N. J. Beaming or warping machine. 2,342,151; Feb. 22.

Lambach, Fritz, Tenafly, N. J. Electrical control system for the operation or braking means of warping or beaming plants. 2,347,198; Apr. 25.

Lambach, Fritz, Tenafly, N. J. Knitting machine. 2,363,535; Nov. 28.

Lambach, Fritz, Tenafly, assignor to Robert Reiner, Incorporated, Weehawken, N. J. Knitting fabric onto prefabricated fabric blanks. 2,363,008; Nov. 21.

Lambeek, Adriaan J. J., Dordrecht, Netherlands; vested in the Alien Property Custodian. Cartridge case. 2,349,970; May 30.

Lamberger, Bruno, Gwelo, Southern Rhodesia, Union of South Africa. Apparatus for instruction in drawing. 2,349,504; May 23.

Lamberger, Edward H., Wilkinsburg, and B. F. Langer, Pittsburgh, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Sealed cable entrance. 2,361,215; Oct. 24.

Lambers, Bernard. (See Harris, L. J., and Lambers.)

Lambers, Bernard. (See Harris, L. J., and Lambers.)

Lambert Brake Corporation, The. (See Lambert, Homer T., assignor.)

Lambert, Gustaf P., Stockholm, Sweden. Protective spring for boats and small craft. 2,364,081; Dec. 5.

Lambert, Harry L., Enfield, assignor to Allen Wales Adding Machine Corporation, Ithaca, N. Y. Paper feeding means. 2,341,630; Feb. 15.

Lambert, Harry L., Enfield, assignor to Allen Wales Adding Machine Corporation, Ithaca, N. Y. Switch and controlling circuits. 2,349,871; May 30.

Lambert, Harry L., Enfield, assignor to Allen Wales Adding Machine Corporation, Ithaca, N. Y. Circuit controller. 2,359,042; Sept. 26.

Lambert, Harry L., Enfield, assignor, by mesne assignments, to W. J. Pickering, New York, N. Y. Variable circuit controller. 2,365,642; Dec. 19.

Lambert, Homer T., assignor to The Lambert Brake Corporation, St. Joseph, Mich. Brake control system. 2,343,984; Mar. 14.

Lambert, Homer T., assignor to The Lambert Brake Corporation, St. Joseph, Mich. Brake construction. 2,344,933; Mar. 21.

Lambert, Homer T., assignor to The Lambert Brake Corporation, St. Joseph, Mich. Valve construction. 2,348,827; May 16.

Lambert, Homer T., assignor to Lambert Brake Corporation, St. Joseph, Mich. Brake. 2,354,385; July 25.

Lambert, Pierre, New Rochelle, assignor to The Lummus Company, New York, N. Y. Bubble cap shield. 2,338,446; Jan. 4.

Lambert, Pierre, New Rochelle, assignor to The Lummus Company, New York, N. Y. Shower deck. 2,357,670; Sept. 5.

Lamberti, Francesco, Genoa, Italy; vested in the Alien Property Custodian. Lifesaving and exploring device for submerged submarine vessels. 2,351,979; June 20.

Lambertsen, Christian J., Philadelphia, Pa. Breathing apparatus. 2,348,074; May 2.

Lambertsen, Christian J., Philadelphia, Pa. Breathing apparatus for use under water. 2,362,643; Nov. 14.

La Mere, Frank J., Minneapolis, Minn., and R. Sardeson, Stamford, Conn., said Sardeson assignor to said La Mere. Massaging vibrator. 2,338,339; Jan. 4.

Lamm, Arthur. (See Aron, J., and Lamm.)

Lammerich, Wilhelm, Lugano, Switzerland. Roll blotter. 2,361,038; Oct. 24.

Lammey, Otis L., Memphis, Tenn. Load handling and transporting cradle. 2,361,110; Oct. 24.

La Mont, Charles T., Milwaukee, Wis. Combination foldable comb and hollow handle. 2,359,427; Oct. 3.

Lamont, James H., Edinburgh, Scotland, deceased, M. S. Stables or Lamont, R. Patrick, and J. Waugh, executors, assignors to James H. Lamont and Company, Limited, Edinburgh, Scotland. Pipe coupling. 2,349,180; May 16.

Lamont, James H., and Company, Limited. (See Lamont, James H., assignor.)

Lamoreaux, Andrew B., Elmira, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Knurling tool. 2,359,997; Oct. 10.

La Motte, Ralph R., Richmond, Ind., assignor to International Harvester Company. Holder for electrolytic deplating. 2,349,356; May 23.

La Motte, Ralph R., Richmond, Ind., assignor to International Harvester Company. Holder for deplating articles. 2,349,909; May 30.

Lamoureux, Joseph M., Mabton, Wash., assignor to Yakima Chief Ranches, Inc. Air separator. 2,343,985; Mar. 14.

Lampe, Charles E., Sr., Philadelphia, Pa., assignor of four-tenths to C. Lovejoy and one-tenth to H. M. Kannee, Washington, D. C. Mandrel. 2,357,011; Aug. 29.

Lampert, Ulrich. (See Orthner, L., Sönke, and Lampert.)

Lamphere, P. H., et al. (See Strong, Jules Q., Jr., assignor.)

Lampton, Glen T., and H. P. Moyer, Williamsport, Pa., assignors, by mesne assignments, to The Aviation Corporation, New York, N. Y. Making propeller blades. 2,343,418; Mar. 7.

Lampton, Glenn T. (See Hackethal, P. F., Lampton, and Briggs.)

Lamsa, George M., Philadelphia, Pa. Protective headgear. 2,365,656; Dec. 19.

Lamson Corporation. (See Taylor, W. J., Regan, Klyver, and Kuhn, assignors.)

Lamtex Equipment Corporation. (See Collins, Hubert D., assignor.)

Lancaster, Forrest W., Raleigh, N. C. Apparatus for teaching telegraphy. 2,341,222; Feb. 8.

Lancaster, John T., Newton, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe rest. 2,341,049; Feb. 8.

Lancaster, John T., Newton, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Fastening-loading mechanism. 2,346,262; Apr. 11.

Lance, Ermil O., Hot Springs, Ark., assignor to W. T. Renfrow, Neosho, Mo. Oil filter and cooler. 2,358,933; Sept. 26.

Lanchester, George H., assignor to A. E. Somers, London, England. Firearm. 2,365,087; Dec. 12.

Lanciani, Ettore, Milan, Italy; vested in the Alien Property Custodian. Aircraft back-turret cupola. 2,350,777; June 6.

Lanciani, Ettore, Milan, Italy; vested in the Alien Property Custodian. Armed rotating turret for aircraft. 2,357,209; Aug. 29.

Land, Edwin H., assignor to Polaroid Corporation, Cambridge, Mass. Forming sheets or films of light-polarizing material. 2,343,775; Mar. 7.

Land, Edwin H., Cambridge, Mass., assignor to Polaroid Corporation, Dover, Del. Light polarizer. 2,346,766; Apr. 18.

Land, Edwin H., Cambridge, Mass., assignor to Polaroid Corporation, Dover, Del. Self-analyzing dichroic image. 2,348,912; May 16.

Land, Edwin H., Cambridge, Mass., assignor to Polaroid Corporation, Dover, Del. Manufacturing light-polarizing material. 2,359,428; Oct. 3.

Land, Edwin H., Cambridge, Mass., assignor to Polaroid Corporation, Dover, Del. Remote-control apparatus employing polarized electromagnetic radiation. 2,362,832; Nov. 14.

Land, Edwin H., Wellesley Farms, Mass., assignor, by mesne assignments, to Polaroid Corporation, Dover, Del. Adhesive. 2,356,250; Aug. 22.

Land, Edwin H., Wellesley Farms, Mass., assignor, by mesne assignments, to Polaroid Corporation, Dover, Del. Manufacturing light-polarising material. 2,356,251; Aug. 22.

Land, Edwin H., Boston, Mass, assignor to Polaroid Corporation, Dover, Del. Shatterproof lamination and method of manufacture. 2,356,252; Aug. 22.

Land, Harry A., Chicago, and A. F. Bocksruker, Berwyn, Ill., assignors to International Harvester Company. Power transmission mechanism. 2,352,270; June 27.

Land, Harry A., Chicago, and A. F. Bocksruker, Berwyn, Ill., assignors to International Harvester Company. Power transmission mechanism. 2,363,979; Nov. 28.

Landahl, Eugene E. (See Lemmon, A. W., and Landahl.)

Landahl, Eugene E. (See McBride, J. E., and Landahl.)

Landau, Abraham, Washington, D. C. Utility hook. 2,363,275; Nov. 21.

Landau, Sam, New York, N. Y. Undergarment. 2,339,341; Jan. 18.

Landauer, Fred, New York, N. Y. Bath tub structure. 2,344,990; Mar. 28.

Landauer, Fred, New York, N. Y. Electrode structure. 2,347,915; May 2.

Lande, Julius M., New York, N. Y. Combined greeting card and container. 2,344,437; Mar. 14.

Landen, Bernard, Ida Grove, Iowa. Drawbar for harrows. 2,339,018; Jan. 11.

Landen, William J., Arlington, Va. Projectile. 2,359,317; Oct. 3.

Landen, William J., Arlington, Va., J. H. Church, Austin, Minn., and W. E. Thibodeau, Cleveland, Ohio. Projectile. 2,365,708; Dec. 26.

Lander, James G., Cincinnati, Ohio, assignor to Diamond Alkali Company, Pittsburgh, Pa. Manufacture of corrugated paperboard and the like. 2,347,419; Apr. 25.

Lander, James G., Cincinnati, Ohio, assignor to Diamond Alkali Company, Pittsburgh, Pa. Cleaning the platens of facing machines. 2,360,778; Oct. 17.

Landers, Alton D., and F. H. Lindsay, Brockton, assignors to Woodard & Wright Last Co., East Bridgewater, Mass. Cutter mechanism for turning lasts or the like. 2,354,689; Aug. 1.

Landers, Frary & Clark. (See Almquist, Nils T., assignor.)

Landers, Frary & Clark. (See Anderson, Oscar M., assignor.)

Landes, Chester G., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Wax emulsion. 2,340,846; Feb. 1.

Landesman, Morris, Brookline, Mass. Folding toothbrush. 2,353,963; July 18.

Landess, Adam E. (See Sperry, D. E., and Landess.)

Landgraf, Fred. (See Devlin, L. J., Adams, Landgraf, and Glasgow.)

Landgraf, Otto, Frankfort-on-the-Main, Germany; vested in the Alien Property Custodian. Process and apparatus for exterminating liquid substances. 2,356,599; Aug. 22.

Landis, Clyde R., and W. L. Culpepper, Chicago, assignors to D. B. McCloud, Du Quoin, Ill. X-ray photograph marking, and making same. 2,344,823; Mar. 21.

Landis, Clyde R., and W. L. Culpepper, Chicago, Ill., assignors to D. B. McCloud, Du Quoin, Ill. Making X-ray photographs. 2,344,824; Mar. 21.

Landis & Gyr, A-G. (See Moos, Paul, assignor.)

Landis & Gyr, A-G. (See Perret, Henri, assignor.)

Landis & Gyr, A-G. (See Pudelko, Richard, assignor.)

Landis Machine Company. (See Smith, Nevin B., assignor.)

Landis Machine Company. (See Wolf, Eugene G., assignor.)

Landis Tool Company. (See Balsiger, Harold E., assignor.)

Landis Tool Company. (See Elberty, Robert S., Jr., assignor.)

Landis Tool Company. (See Price, Ralph E., assignor.)

Landis Tool Company. (See Price, D. F., Balsiger, and Hollengreen, assignors.)

Landmeier, Edwin W., Erlanger, assignor to The Wadsworth Electric Manufacturing Company, Covington, Ky. Type S fuse adapter. 2,341,050; Feb. 8.

Landmeier, Edwin W., assignor to The Wadsworth Electric Manufacturing Company, Covington, Ky. Fuse clamping means. 2,355,085; Aug. 8.

Landmeier, Edwin W., Cincinnati, Ohio, assignor to The Wadsworth Electric Manufacturing Company, Covington, Ky. Switch structure. 2,357,592; Sept. 5.

Landolt, Albert, Riehen, and A. Ruperti, Arlesheim, assignors to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Improving the dyeings and prints prepared with water-soluble dyestuffs. 2,364,725; Dec. 12.

Landolt, Albert, Riehen, and A. Ruperti, Arlesheim, Switzerland, assignors, by mesne assignments, to Ciba Products Corporation, Dover, Del. Improving the dyeings and prints prepared with water-soluble dyestuffs. 2,364,726; Dec. 12.

Landon, Vernon D., Haddonfield, N. J., assignor to Radio Corporation of America. Coupling transformer. 2,358,520; Sept. 19.

Landon, Walter S. (See Stoughton, J. L., and Landon.)

Landon, Walter S., assignor to Detroit Lubricator Company, Detroit, Mich. Control means. 2,342,633; Feb. 29.

Landon, Walter S., assignor to Detroit Lubricator Company, Detroit, Mich. Controlling means. 2,344,946; Mar. 28.

Landon, Walter S., assignor to Detroit Lubricator Company, Detroit, Mich. Heat actuated device. 2,352,439; June 27.

Landon, Walter S., assignor to Detroit Lubricator Company, Detroit, Mich. Control means. 2,365,826; Dec. 26.

Landrock, Paul. (See Cape, A. W., and Landrock.)

Landrock, Paul, and A. W. Cape, Rochester, N. Y. assignors to Photostat Corporation, Providence, R. I. Photographic copying apparatus. 2,358,649; Sept. 19.

Landry, Henry J., South Ashburnham, assignor to Gem Crib and Cradle Company, Gardner, Mass. Crib drop side. 2,341,451; Feb. 8.

Landry, Rosemond L., Jackson Heights, N. Y. Internal combustion engine with telescoping pistons. 2,340,064; Jan. 25.

Landwehr, Frank G., Detroit, Mich. Chimney construction. 2,362,833; Nov. 14.

Lane, Arthur W. (See Beach, L. F., Esval, and Lane.)

Lane, Clarence E., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electromechanical filter. 2,358,087; Sept. 12.

Lane, Clifford J., Buffalo, and A. M. Patterson, Lewiston, assignors to Aeronautical Manufacturing Corporation, Niagara Falls, N. Y. Electromagnetic actuating mechanism for solenoid valves or the like. 2,353,835; July 18.

Lane Company, The. (See Loftin, Grady A., assignor.)

Lane Company, The. (See Loftin, Laurence K., assignor.)

Lane Company, The. (See Loftin, L. K., and Tinnin, assignors.)

Lane, Edward K. (See Verheul, M. M., Potts, and Lane.)

Lane, Edwin H., La Grange, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Coil winding apparatus. 2,355,538; Aug. 8.

Lane, Frank B., deceased, Paragould, by H. I. Lane, Conway, administrator, assignor to Lifetime Truss Company, Inc., Jonesboro, Ark. Truss. 2,343,911; Mar. 14.

Lane, Fred A., assignor to Lane Motors Incorporated, Shelburn, Ind. Internal-combustion engine. 2,353,313; July 11.

Lane, George W., Clifton, assignor to Van Vlaanderen Machine Co., Paterson, N. J. Winding system. 2,354,322; July 25.

Lane, George W., Clifton, assignor to Van Vlaanderen Machine Co., Paterson, N. J. Cloth measuring and tubing machine. 2,360,609; Oct. 17.

Lane, George W., Clifton, assignor to Van Vlaanderen Machine Co., Paterson, N. J. Machine for winding fabrics. 2,363,678; Nov. 28.

Lane, George W., Clifton, assignor to Van Vlaanderen Machine Co., Paterson, N. J. Tentering clip chain. 2,365,885; Dec. 26.

Lane, Guy M., and H. W. Mackey, Detroit, Mich., assignors to The Crosley Corporation, Cincinnati, Ohio. Station selector. 2,365,088; Dec. 12.

Lane, Harold, and W. A. Barton, Leicester, England, assignors to United Shoe Machinery Corporation, Flemington, N. J. Fastening inserting machine. 2,358,862; Sept. 26.

Lane, Harry I., administrator. (See Lane, Frank B.)

Lane, Jack, assignor to American Pipe & Steel Corporation, Alhambra, Calif. Apparatus for preventing oxidation in casting metals. 2,359,524; Oct. 3.

Lane, Leonard B. (See Colt, E. W., Lane, and Beatty.)

Lane Motors Incorporated. (See Lane, Fred A., assignor.)

Lane-Wells Company. (See Arnold, James C., assignor.)

Lane-Wells Company. (See Barnes, Charles H., assignor.)

Lane-Wells Company. (See Bowsky, Merle C., assignor.)

Lane-Wells Company. (See Hart, Merida L., assignor.)

Lane-Wells Company. (See Morgan, Charles K., assignor.)

Lane-Wells Company. (See Otis, Russell M., assignor.)

Lane-Wells Company. (See Scott, Beverly H., assignor.)

Lane-Wells Company. (See Turechek, George F., assignor.)

Lang, Alphonse, and G. S. Hawke, Cincinnati, Ohio. Method and apparatus for sterilizing, preserving, and irradiating of various liquid substances. 2,340,890; Feb. 8.

Lang, Anthony L., Seattle, Wash. Grease disposal means for cooking surfaces. 2,362,757; Nov. 14.

Lang, Charles W., assignor to Enterprise Engine & Foundry Company, San Francisco, Calif. Boring and grooving attachment. 2,350,773; June 6.

Lang, Edward H., assignor to The Pure Oil Company, Chicago, Ill. Manufacture of improved motor fuels. 2,354,866; Aug. 1.

Lang, Eugene C. (See Morgan, J. D., and Lang.)

Lang, Everett H., Tuckahoe, and J. S. Buck, Bronxville, assignors to Burroughs Wellcome & Co. (U. S. A.) Inc., New York, N. Y. Insulin preparation. 2,354,211; July 25.

Lang, Frank J., Niagara Falls, and G. R. Jaeger, North Tonawanda, assignors to International Paper Company, New York, N. Y. Screening and washing paper pulp. 2,360,779; Oct. 17.

Lang, George F., Jenkintown, Pa. Sheer full-fashioned stocking. 2,364,636; Dec. 12.

Lang, Hazel L., administratrix. (See Lincoln, Roy B.)

Lang, Joseph C., Pittsburgh, Pa., assignor to Bocji Corporation. Staple driving tool. 2,361,483; Oct. 31.

Lang, Joseph W., Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dispersible compositions. 2,365,479; Dec. 19.

Lang, Louis. (See Schlegel, J. W., and Lang.)

Lang, Richard, Ravensburg, and F. Koch, Friedrichshafen, Bodensee, Germany; vested in the Alien Property Custodian. Power and speed transmission for motor vehicles. 2,352,212; June 27.

Lang, Richard, Ravensburg, and K. Maybach, Friedrichshafen, Germany; vested in the Alien Property Custodian. Operating mechanism for clutches. 2,356,598; Aug. 22.

Lang, Walter B., Washington, D. C. Marine salvage device. 2,355,086; Aug. 8.

Lang, Wilmarth Y., Towaco, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph system. 2,340,065; Jan. 25.

Lang, Wilmarth Y., Towaco, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph signal distortion measuring circuit. 2,340,224; Jan. 25.

Lang, Wilmarth Y., Towaco, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph signal transmitter for sending shaped impulses. 2,341,906; Feb. 15.

Lang, Wilmarth Y., Towaco, N. J., and F. J. Singer, Rockville Centre, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Teletypewriter switching system pay station. 2,345,851; Apr. 4.

Lang, Wilmarth Y., Towaco, N. J., and F. J. Singer, Rockville Centre, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Teletypewriter pay station circuit. 2,352,271; June 27.

Langabeer, Harvey T., Baldwin, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Power supply system. 2,339,490; Jan. 18.

Langan, Thomas, Annapolis, Md. Hoisting frame. 2,343,014; Feb. 29.

Langberg, Charles, New York, N. Y. Optical device for viewing photographic images. 2,363,427; Nov. 21.

Langdon, Jesse D., Downey, Calif. Check valve device. 2,347,199; Apr. 25.

Langdon, Jesse D., Downey, Calif. Check valve device. 2,352,642; July 4.

Langdon, Jesse D., Long Beach, Calif. Plumbing fixture. 2,361,694; Oct. 31.

Langdon, Jesse D., Downey, Calif. Torpedo carrier and discharger. 2,361,949; Nov. 7.

Langdon, Samuel W., Rochester, N. Y. Photographic camera. 2,359,429; Oct. 3.

Lange, Carl W., Erie, Pa., assignor to General Electric Company. Dynamoelectric machine. 2,340,669; Feb. 1.

Lange, Frederick E., Lincoln, Nebr., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Electric switch. 2,355,222; Aug. 8.

Lange, Frederick E., Lincoln, Nebr., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Automatic burner control system. 2,355,309; Aug. 8.

Lange, Ludwig H. (See Sonneborn, J. R., and Lange.)

Lange, Max E., Cleveland Heights, assignor to The Warner & Swasey Company, Cleveland, Ohio. Machine tool. 2,351,687; June 20.

Lange, Max E., Cleveland Heights, and M. G. Goetze, East Cleveland, assignors to The Warner & Swasey Company, Cleveland, Ohio. Machine tool. 2,358,088; Sept. 12.

Lange, Morris, Cleveland Heights, Ohio. Collapsible costumer. 2,340,540; Feb. 1.

Lange, Paul H. (See Bullard, E. P., III, Alvey, and Lange.)

Lange, Paul H. (See Bullard, E. P., III, Mussler, Lange, Cowell, and Alvey.)

Langel, Adrien L., Chicago, Ill., assignor to Chicago Metallic Manufacturing Company. Multiple baking pan. 2,347,694; May 2.

Langel, Adrien L., assignor to Chicago Metallic Manufacturing Company, Chicago, Ill. Producing stippled sheet metal. 2,361,039; Oct. 24.

Langen, George. (See Gallimore, K. F., and Langen.)

Langen, Matthias, Parkstone, assignor to The Loewy Engineering Company Limited, London, England. Control means for pusher elements of rolling mill skid beds. 2,362,208; Nov. 7.

Langer, Alois, Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electron discharge device. 2,340,967; Feb. 8.

Langer, Bernard F. (See Alben, F. L., and Langer.)

Langer, Bernard F. (See Lamberger, E. H., and Langer.)

Langer, Bernard F., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Torsional measuring device. 2,349,663; May 23.

Langer, Bernard F., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Strain measuring system. 2,354,129; July 18.

Langer, Bernard F., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Torque measuring device for shafts. 2,365,564; Dec. 19.

Langer, Bernard F., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Power measuring system for rotating shafts. 2,365,565; Dec. 19.

Langer, Bernard F., and W. O. Osbon, Pittsburgh, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Torque measuring device. 2,346,976; Apr. 18.

Langer, Bernard F., Pittsburgh, and T. E. Browne, Jr., Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Strain measuring system. 2,354,130; July 18.

Langer, Bernard F., Pittsburgh, and H. C. Werner, Forest Hills, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Device for measurement of thrust and torque in propeller shafts. 2,359,125; Sept. 26.

Langer, Nicholas, New York, N. Y. Garment hanger. 2,351,523; June 13.

Langer, Nicholas, New York, N. Y., assignor to Central Commercial Company, Chicago, Ill. Duophonic electrical musical instrument. 2,365,566; Dec. 19.

Langer, Nicholas, New York, N. Y., assignor to Central Commercial Company, Chicago, Ill. Musical instrument. 2,365,567; Dec. 19.

Langer, Nicholas, New York, N. Y., assignor to Central Commercial Company, Chicago, Ill. Signaling system. 2,365,568; Dec. 19.

Langford, Leonard, Brownsville, Tex. Outdoor furnace. 2,340,601; Feb. 1.

Langford, Walter, Graton, Calif. Fruit collector. 2,350,908; June 6.

Langguth, Paul O. (See Lindstrom, T., and Langguth.)

Langruth, Paul O. (See Ludwig, L. R., and Langruth.)
Langshaw, Louis, Mount Olive Township, Morris County, N. J. Automatic choke for internal-combustion engines. 2,359,998; Oct. 10.
Langsofer, Anna V., Rock Island, Ill. Article holder. 2,359,999; Oct. 10.
Langille, Wilfred O., Chester, and K. Perkins, Scotch Plains, assignors to The Singer Manufacturing Company, Elizabeth, N. J. Lighting fixture. 2,347,420; Apr. 25.
Langkammerer, Carl M., Wilmington, Del., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Shot shell sealing. 2,345,852; Apr. 4.
Langley Alloys Limited. (See Evans, Frank C., assignor.)
Langley Aviation Corporation. (See Bendix, Vincent, assignor.)
Langley, John E., assignor of one-half to M. V. Woolf, Brooklyn, N. Y. Ornament. 2,344,620; Mar. 21.
Langos, Alfred F. (See Langos, Otto A., assignor.)
Langos, Harold L. (See Langos, Otto A., assignor.)
Langos, Louis A. (See Langos, Otto A., assignor.)
Langos, Matilda R. (See Langos, Otto A., assignor.)
Langos, Otto A., assignor to A. F., O. E., H. L., L. A., and M. R. Langos, partners, doing business as Langson Manufacturing Co., Chicago, Ill. Paper breaking gun. 2,355,595; Aug. 8.
Langos, Otto E. (See Langos, Otto A., assignor.)
Langrish, Henry W., assignor to Molins Machine Company, Limited, Deptford, London, England. Knife cleaner for rotary tobacco-leaf cutting machines. 2,350,686; June 6.
Langsett, Victor M. (See Schulte, Bernard F., assignor.)
Langsner, Adolph, assignor to Eugene Dietzgen Co., Chicago, Ill. Drafting apparatus. 2,358,521; Sept. 19.
Langsner, Adolph, assignor to Eugene Dietzgen Co., Chicago, Ill. Drafting apparatus. 2,358,522; Sept. 19.
Langson Manufacturing Co. (See Langos, Otto A.)
Langston, Samuel M., Co. (See Behrens, Herbert C., assignor.)
Langstroth, Hall. (See Devol, G. C., and Langstroth.)
Langum, Paul, Lanham, Md. Fluid meter. 2,344,512; Mar. 21.
Lanigan, Francis W. (See Mark, J. G., and Lanigan.)
Lankelma, Herman P. (See Musselman, J. M., and Lankelma.)
Lankenau Hospital, The. (See Toennies, Gerrit, assignor.)
Lannan, George M., and F. Vanucci, Newark, assignors, by mesne assignments, to Owens-Corning Fiberglas Corporation, Toledo, Ohio. Making sliver. 2,363,470; Nov. 21.
Lannen, Harold T., assignor to S & W Fine Foods, Inc., San Francisco, Calif. Oven-baking beans or the like in quantity. 2,360,062; Oct. 10.
Lannen, Joseph P., Detroit, Mich. Balance testing machine. 2,349,286; May 23.
Lannerd, Paul U., Indianapolis, assignor to H. E. Capehart, Washington, Ind. Coin controlled switch. 2,340,478; Feb. 1.
Lannert, Kenneth, Overland, assignor to Carter Carburetor Corporation, St. Louis, Mo. Electric motor structure. 2,353,047; July 4.
Lanning, Howard H., Topeka, Kans. Smoke stack. 2,350,512; June 6.
Lanova Corporation. (See Fischer, Hans, assignor.)
Lansdowne Steel & Iron Company. (See Layton, LeRoy, assignor.)
Lansdowne Steel & Iron Company. (See Layton, L., and Shertz, assignors.)
Lansing, Earl P., New Orleans, La. Cable sheath cutting and stripping tool. 2,347,956; May 2.
Lansing, Louis P., East Cleveland, Ohio. Liquid handling apparatus. 2,360,145; Oct. 10.
Lansohn, Paul J. (See Young, J. W., and Lansing.)
Lans, Henry C., Jr., and D. H. Larsen, assignors to National Lead Company, Los Angeles, Calif. Treatment of well drilling fluids. 2,353,166; July 11.
Lansinger, Casper J., assignor, by mesne assignments, to Owens-Illinois Glass Company, Toledo, Ohio. Annealing tumblers. 2,361,848; Oct. 31.
Lanzit, Howard E. (See Dreher, D. F., and Lanzit.)
Lanzit, Raymond R., et al. (See Dreher, D. F., and Lanzit, assignors.)
La Puglia, Agnes M., Livingston, N. J. Safety catch for bar pins and the like. 2,346,767; Apr. 18.
Lape, Elizabeth, administratrix. (See Lape, Frank.)
Lape, Frank, deceased, late of Nanticoke, Pa., by Elizabeth Lape, Nanticoke, Pa., administratrix. Medicated inhaler and cigarette charger. 2,338,287; Jan. 4.
La Pierre, William G., Kittery Point, Maine. Wrench. 2,341,564; Feb. 15.
Lapine, John M., Brooklyn, N. Y. Window screen. 2,350,305; May 30.
Lapkoff, Alexander, Washington, D. C. Filing machine. 2,340,779; June 6.
La Place, Desmond R., assignor to Bocji Corporation, Pittsburgh, Pa. Packaging. 2,346,591; Apr. 11.
La Place, Desmond R., assignor to Bocji Corporation, Pittsburgh, Pa. Packaging. 2,348,551; May 9.
La Place, Desmond R. assignor to Bocji Corporation, Pittsburgh, Pa. Stapling device. 2,356,807; Aug. 15.
LaPlant-Choate Mfg. Co. (See Austin, Ellsworth W., assignor.)
La Plant-Choate Manufacturing Company. (See Choate, R. E., and Austin, assignors.)
La Pointe, Albert A. (See Herrick, Nelson, assignor.)
Lapointe, Edmond, and A. E. Zimmerman, Noranda, and A. E. Zimmerman, Normetal, Quebec, Canada. Truck or cage for raising or lowering material. 2,354,525; July 25.
Lapp, Chester A., assignor of one-half to W. R. McDonough, Cleveland, Ohio. Pressed metal pipe fitting. 2,360,427; Oct. 17.
Lappert, Ronald, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Bearing. 2,362,566; Nov. 14.
Lapsley, Robert, Berrien Springs, assignor to Clark Equipment Company, Buchanan, Mich. Transmission. 2,347,352; Apr. 25.
Lapsley, Robert, Berrien Springs, assignor to Clark Equipment Company, Buchanan, Mich. Industrial truck. 2,350,909; June 6.
Lapsley, Robert, and D. S. Dence, Berrien Springs, assignors to Clark Equipment Company, Buchanan, Mich. Synchronizer and making the same. 2,354,526; July 25.
Laraque, Roland, Paris, France; vested in the Alien Property Custodian. Winch provided with an automatic release at the end of the lifting operation. 2,347,569; Apr. 25.
Larchar, Arthur W. (See Babcock, D. F., and Larchar.)
Larchar, Arthur W. (See Balthis, J. H., and Larchar.)
Larchar, Arthur W. (See Foster, H. D., and Larchar.)
La Resista Corset Company, The. (See Jasper, Hallie L., assignor.)
Large, Wayne V. K. (See Bomorden, A. R., Koos, Krecek, Large, and Marshall.)
Large, Wayne V. K., Glenwood Landing, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Satellite office telegraph switching system. 2,356,067; Aug. 15.
Large, Wayne V. K., Glenwood Landing, C. W. Lucek, Port Chester, and T. A. Marshall, Floral Park, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Inverse neutral telegraph repeater concentration group cord and attendants. 2,352,272; June 27.
Largman, Joseph, Philadelphia, Pa. Stocking. 2,349,357; May 23.
Larison, Carmen, now by marriage Carmen L. Graham, Phoenix, Ariz. Garment. 2,343,124; Feb. 29.
Larison Compensating Axle Corporation. (See Larison, Glenn L., assignor.)
Larison, Glenn L., La Grande, Oreg., assignor to Larison Compensating Axle Corporation. Vehicle wheel mounting. 2,349,289; May 23.
Larkin, Daniel A., assignor to The Hinde & Dauch Paper Company, Sandusky, Ohio. Basket. 2,354,867; Aug. 1.
Larkin, Dennis F., San Francisco, Calif. Closure for bags. 2,343,678; Mar. 7.
Larkin, James F., deceased, Oklahoma City, Okla.; K. L. Angus, administratrix. Preventing the loss of drilling fluid during the drilling of wells. 2,342,568; Feb. 22.
Larkin, Lester U., Chicago, Ill., assignor to Lal Products, Inc., Baltimore, Md. Refrigerating apparatus. 2,354,131; July 18.
Larkin Packer Company. (See Tiemann, Ralph A., assignor.)
Larkin, Walter, Norristown, assignor to Fidelity Machine Company, Philadelphia, Pa. Horizontal tube knitting machine. 2,343,776; Mar. 7.
Larkin, Wilbur B., and V. C. Norquist, assignors to Butler Manufacturing Company, Kansas City, Mo. Combination hatch and ventilator. 2,348,075; May 2.
Larkins, John S., Jr., Detroit, Mich. Dust test machine. 2,346,690; Apr. 18.
Larmon, Porter M., assignor to Sprout, Waldron & Company, Muncy, Pa. Grain scouring machine. 2,342,871; Feb. 29.
Larmour, James J., West Orange, assignor to Plastic Inlays, Inc., Summit, N. J. Decorative means and applying. 2,339,865; Jan. 25.
Larmour, James J., West Orange, assignor to Plastic Inlays, Inc., Summit, N. J. Inlaid article and method. 2,358,720; Sept. 19.
Larmour, James J., West Orange, assignor to Plastic Inlays, Inc., Summit, N. J. Inlaid article. 2,364,226; Dec. 5.
Larmuth, Allin, Broad Oak Park, Worsley, England. Apparatus for detaching the edges of sheet paper and like materials. 2,365,569; Dec. 19.
Larmuth, John H., Upper Colwyn Bay, North Wales. Bobbin hoisting means of stranding and other machines. 2,366,145; Dec. 26.
La Rocca, Joseph, Cleveland, Ohio. Warning signal. 2,347,784; May 2.
Larocca, Vincent, Brooklyn, assignor to R. Hoe & Co., Inc., New York, N. Y. Intaglio plate printing machine. 2,353,048; July 4.
La Rocque, Joseph E., and J. Van Vulpen, assignors to Vapor Car Heating Company, Inc., Chicago, Ill. Inner-tube radiation with modulating trap. 2,346,590; Apr. 11.
Larrabee, Clifford P., Vandergrift, Pa. Containers containing hydrogen sulphide vapor. 2,347,916; May 2.
Larrick, Lewis. (See Lessig, H. T., and Larrick.)

Larsen, Charles W., Miami, Fla. Closure operator. 2,361,040; Oct. 24.
Larsen, Delmar H. (See Lanz, H. C., Jr., and Larsen.
Larsen, Earl I. (See Hensel, F. R., and Larsen.)
Larsen, Elner W. (See Knaus, P. J., and Larsen.)
Larsen, Elner W., Elmhurst, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Take-up mechanism. 2,353,406; July 11.
Larsen, Elmer J., and O. G. Nelson, Baltimore, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Strand handling machine. 2,364,984; Dec. 12.
Larsen, Harold R., and J. B. Sonderman, assignors to W. & L. E. Gurley, Troy, N. Y. Theodolite. 2,363,877; Nov. 28.
Larsen, Holger R., assignor to J. J. Fisher Co. Inc., Brooklyn, N. Y. Ventilator. 2,356,325; Aug. 22.
Larsen, James M., Brooklyn, assignor to Foster Wheeler Corporation, New York, N. Y. Tube connecting device. 2,358,814; Sept. 26.
Larsen, Lewis, and E. P. Klar, Menominee, Mich., assignors to Heywood-Wakefield Company, Gardner, Mass. Chair. 2,360,428; Oct. 17.
Larsen, Ole, New York, N. Y. Box container. 2,341,514; Feb. 15.
Larsen, Robert G., Albany, and F. J. Watson, Oakland, assignors to Shell Development Company, San Francisco, Calif. Refining of lubricating oils. 2,339,786; Jan. 25.
Larsen, Robert G., and F. A. Armfield, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Lubricating oil composition. 2,343,125; Feb. 29.
Larsen, Thyge O., Hammond, Ind., assignor to Graver Tank & Mfg. Co., Catasauqua, Pa. Counterbalancing means for expansion roofs. 2,360,692; Oct. 17.
Larsen, Victor A., Amityville, assignor to Reconstruction Finance Corporation, New York, N. Y. Airplane drive. 2,359,652; Oct. 3.
Larson, Arthur G., Forest Hills, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake device. 2,339,415; Jan. 18.
Larson, Bert E., Park Ridge, assignor to Locomotive Firebox Company, Chicago, Ill. Locomotive boiler. 2,353,167; July 11.
Larson, Bert E., Park Ridge, assignor to Locomotive Firebox Company, Chicago, Ill. Locomotive boiler. 2,353,168; July 11.
Larson, Bert E., Park Ridge, and G. J. Christenson, assignors to Locomotive Firebox Company, Chicago, Ill. Locomotive boiler. 2,338,185; Jan. 4.
Larson, Carl H., Elkhart, Ind., assignor to The Adlake Company. Protector for thermostats. 2,339,276; Jan. 16.
Larson, Carl H., Elkhart, Ind., assignor to The Adlake Company. Electric hand lantern. 2,358,015; Sept. 12.
Larson, Donald E., Chicago, assignor to Chicago Bridge & Iron Company, Chicago, Ill. Lifter roof. 2,339,997; Jan. 25.
Larson, Edward S., assignor to Teletype Corporation, Chicago, Ill. Helix clutch. 2,363,253; Nov. 21.
Larson, Elbert W. (See Framburg, C. A., Jr., and Larson.)
Larson, Frederick J., assignor to R. C. Can Company, St. Louis, Mo. Container. 2,346,847; Apr. 18.
Larson, Frederick N., United States Navy. Valve starting shock wheel. 2,338,725; Jan. 11.
Larson, Glen M. (See Roy, K. H., Burns, Larson, and Lewis.)
Larson, Homer W., Downers Grove, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Composite article. 2,360,003; Oct. 10.
Larson, John D., Hinsdale, Ill. Method and means for preventing ice formation on surfaces. 2,347,114; Apr. 18.
Larson, John V., Chicago, Ill. Hand tool. 2,351,821; June 20.
Larson, Kenneth R., Des Plaines, Ill., and G. M. Walraven, assignors to Snap-On Tools Corporation, Kenosha, Wis. Torque ratchet wrench. 2,343,380; Mar. 7.
Larson, Lawrence, assignor to Gateway City Transfer Company, Inc., La Crosse, Wis. Tire removing device. 2,345,346; Mar. 28.
Larson, Leonard, McGill, Nev., assignor to Kennecott Corporation, New York, N. Y. Lining and insulating the interior surfaces of continuously operated furnaces. 2,348,395; May 9.
Larson, Ralph A., Chicago, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Spray gun. 2,362,834; Nov. 14.
Larson, Robert H., Geneva, assignor to Operadio Manufacturing Co., St. Charles, Ill. Portable projection apparatus. 2,345,202; Mar. 28.
Larsson, Eric, Malung, Sweden. Toolbox. 2,347,270; Apr. 25.
Larsson, Ernst A., and A. L. Price, assignors to The Ohio Brass Company, Mansfield, Ohio. Haulage system as applied to the mining industry. 2,359,430; Oct. 3.
Larsson, John A., Edina, Minn. Auxiliary attachment for "knee type" lathe tools. 2,341,277; Feb. 8.
Larsson, Samuel A., assignor to Pisa-Matic, Inc., New York, N. Y. Refrigeration. 2,356,068; Aug. 15.
Larsson, Thure. (See Jeppson, G. N., and Larsson.)
Larter, Raymond B., West Los Angeles, assignor to The Fog Nozzle Co., Los Angeles, Calif. Fire extinguishing nozzle. 2,343,305; Mar. 7.
Larts, George F., Suring, Wis. Photograph mounting corner. 2,360,693; Oct. 17.
La Rue, John C., Bainbridge, Ohio. Knockdown picnic table. 2,362,567; Nov. 14.
Larus and Brother Company. (See Garber, Thomas H., assignor.)
Larus & Brother Company. (See Reed, Charles L., assignor.)
Larzelere, Samuel R., Laurel Springs, N. J. Combined ash tray and coaster. 2,347,353; Apr. 25.
La Salle Designing Company. (See Stanley, Richard B., assignor.)
LaSalle National Bank, trustee. (See Haug, Eugene H., assignor.)
Lasch, Herbert, Withington, Manchester, England. Tensioning device for yarn throwing machines of the up-twister type. 2,361,041; Oct. 24.
La Sha, Stanley S., Kenmore, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Airplane. 2,346,977; Apr. 18.
La Sha, Stanley S., and F. M. Salisbury, Kenmore, assignors to Bell Aircraft Corporation, Buffalo, N. Y. Aircraft heater. 2,353,112; July 4.
Lasher, Edward A., assignor to California Flaxseed Products Company, Los Angeles, Calif. Protective coating composition. 2,344,708; Mar. 21.
Lasher, Edward A., assignor to California Flaxseed Products Company, Los Angeles, Calif. Mastic composition. 2,344,709; Mar. 21.
Lasker, William W., Jr., Brooklyn, assignor to Remington Rand Inc., Buffalo, N. Y. Tabulating machine. 2,360,610; Oct. 17.
Laskin, J., & Sons Corp. (See Schneider, Charles G., assignor.)
Lasseter, Franklin P., Westport, Conn., assignor to The Dorr Company, New York, N. Y. Method of and apparatus for clarifying liquids. 2,355,875; Aug. 15.
Lassieur, Eugene J., Flushing, assignor to Bulova Watch Company, New York, N. Y. Remote control for stop clocks. 2,364,856; Dec. 12.
Latham, Joseph R., New Bern, N. C. Liquid agitator. 2,345,130; Mar. 28.
Lathrop, Harvey, Forest Hills, N. Y. Picture frame device. 2,343,193; Feb. 29.
Lathrop, John D., Los Angeles, Calif. Grass receptacle. 2,361,637; Oct. 31.
Lathrop-Paulson Company, The. (See Hageline, Emil E., assignor.)
Latimer, Charles A., Toledo, Ohio. Pressure releasable wrench. 2,358,461; Sept. 19.
Latimer, Chester W., West Orange, N. J., assignor to Radio Corporation of America. Phase correction circuit. 2,357,671; Sept. 5.
Latimer Laboratory, Inc. (See Johnson, Charles C., assignor.)
Latina, Harry B., East St. Louis, Ill., assignor to Rawlings Manufacturing Company, St. Louis, Mo. Baseball glove. 2,354,601; July 25.
Latini, Leo, Chicago, Ill. Decorating apparatus for coated confections and the like. 2,338,340; Jan. 4.
Latour, Maurice, La Varenne-Saint-Hilaire, France; vested in the Alien Property Custodian. Instructive and demonstration apparatus or toy for the construction of various electric machines and devices. 2,344,438; Mar. 14.
Latta, Lynn H. (See Nuffer, J. H., and Latta.)
Latta, Randall, and A. H. Yeomans, Washington, D. C., assignors to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Fumigant bag. 2,342,406; Feb. 22.
Lattig, Charles I., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Conveyer. 2,351,771; June 20.
Lattig, Charles I., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Conveyer. 2,351,862; June 20.
Lattner, Emert J., Cedar Rapids, Iowa. Corrosion preventing device. 2,358,981; Sept. 26.
Latus, Florence A., and W. H. Lehrfeld, Freeport, N. Y. Telephone support. 2,348,138; May 2.
Lau, Alexander J., and R. Donath, assignors of one-third to J. C. Green, Pittsburgh, Pa. Dispensing apparatus. 2,363,340; Nov. 21.
Laubach, Howard E. (See Mills, D. E., Drake, and Laubach.)
Laubereau, Otto. (See Dohrn, M., and Laubereau.)
Lau-Blower Company. (See Evans, William D., assignor.)
Lauby, Anton J., La Crosse, Wis. Lathe chuck. 2,341,926; Feb. 15.
Laucht, Friedrich, Leuna, Germany; vested in the Alien Property Custodian. Production of alicyclic ketones from alicyclic alcohols. 2,338,445; Jan. 4.
Lauctus, Joseph P. (See Sparks, C. E., and Lauctus.)
Lauck, Albert G., Alton, Ill., assignor to Owens-Illinois Glass Company. Revolving pot for glassware manufacture. 2,344,464; Mar. 14.
Lauck, Francis W., assignor to A. O. Smith Corporation, Milwaukee, Wis. Head for glass-lined tanks. 2,363,980; Nov. 28.
Lauck, John A., Cleveland, Ohio, assignor to Pesco Products Co. Flow equalizer. 2,343,912; Mar. 14.

Lauck, John A., South Euclid, Ohio, assignor to Pesco Products Co., Cleveland, Ohio. Flow equalizer. 2,344,465; Mar. 14.

Laucks, I. F., Inc. (See Dike, T. W., and Galber, assignors.)

Laucks, I. F., Inc. (See Galber, Harry, assignor.)

Laudenklos, Hans. (See Wirth, G., and Laudenklos.)

Laudenklos, Hans. (See Wirth, G., Sabel, and Laudenklos.)

Laudenklos, Hans. (See Wirth, G., Wensel, Sable, and Laudenklos.)

Lauder, Wallace A., Closter, and E. F. Caboon, Tenafly, N. J., assignors to Telautograph Corporation, New York, N. Y. Telescriber. 2,355,087; Aug. 8.

Lauer, Carleton, J., R. L. Bowers, and Kent Forshee, Flint, assignors to General Motors Corporation, Detroit, Mich. Electric fuel pump. 2,352,958; July 4.

Lauer, Elma M., New York, N. Y. Dispenser. 2,362,835; Nov. 14.

Laughead, Gordon. (See Kahlow, Max H., assignor.)

Laughead, Kelly, Columbus, Ohio, and M. H. Keating, Minneapolis, Minn., assignors to H. D. Hudson Manufacturing Company, Chicago, Ill. Stock watering device. 2,345,400; Mar. 28.

Laughlin, Herman G., Tonawanda, and G. J. Risser, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Concentration of slurries. 2,364,799; Dec. 12.

Laughlin, Kenneth C. (See Stahly, E. E., and Laughlin.)

Laughlin, Kenneth C., Baton Rouge, La., assignor to Standard Oil Development Company. Catalytic isomerization. 2,344,466; Mar. 14.

Laughlin, Kenneth C., Baton Rouge, La., assignor to Standard Oil Development Company. Catalytic isomerization. 2,346,768; Apr. 18.

Laukhuff, Alfred, Milwaukee, Wis. Cutting machine. 2,364,985; Dec. 12.

Laurence, Ralph E., Fresno, Calif. Portable vulcanizer. 2,356,858; Aug. 29.

Lauxenson, Robert M., Elkhart, Ind., assignor to The Union Switch and Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,347,833; May 2.

Lauxenson, Robert M., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Coded track circuit system of railway signaling. 2,356,460; Aug. 22.

Lauty, Napoleon A., Rockville Centre, assignor to American Cyanamid Company, New York, N. Y. Manufacture of chlorsulphonic acid. 2,354,464; July 25.

Lautenschläger, Carl L., and F. Lindner, Frankfort-on-the-Main, A. Mager, Niedernhausen, Taunus, and E. Bartholomäus, Wiesbaden, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Obtaining purified flavanone glucosides. 2,359,126; Sept. 26.

Lautenschläger, Carl L., and F. Lindner, Frankfort-on-the-Main, and A. Mager, Niedernhausen in Taunus, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Stable colloidal solutions containing lecithin and cholesterol and preparing same. 2,362,013; Nov. 7.

Lauterbach, George E., Palisade, N. J. System and apparatus for detecting high and wide railroad cars and open top lading. 2,366,152; Dec. 26.

Lauterbach, Norman E., Newark, N. Y. Display device. 2,351,822; June 20.

Lauttte Corporation, The. (See Van Epps, Clarence F., assignor.)

Lavender, Robert L., assignor to The Marquette Metal Products Company, Cleveland, Ohio. Hydraulic fuse. 2,360,242; Oct. 10.

Lavett, Charles O. (See Harcourt, G. N., and Lavett.)

La Via, Joseph, Ridgewood, N. Y. Safety brake for automotive vehicles. 2,345,203; Mar. 28.

Laviettes, Abraham H., Shelton, Conn. Carpenter's plane. 2,347,570; Apr. 25.

La Vine, Henry, Rochester, N. Y. Safety razor. 2,358,579; Sept. 19.

LaVine, Louis, Burbank, Calif. Powdered prune compound and making the same. 2,352,108; June 20.

Lavino, E. J., and Company. (See Sell, Gilbert E., assignor.)

Lavis, Salvo. (See Rose, Harry E., assignor.)

Lavoie, Alphonse J., deceased, by C. E. Lavoie and E. H. Fauver, administrators, Defiance, Ohio. Vehicle spring suspension. 2,345,270; Mar. 28.

Lavoie, Armand, Donnacona, Quebec, Canada. Airplane stabilizer. 2,342,548; Feb. 22.

Lavoie, Charles E., et al., administrators. (See Lavoie, Alphonse J.)

Lavoie, Stephen D., Dayton, Ohio. Wave meter. 2,349,440; May 23.

Lavoie, Stephen D., Long Beach, N. J. Pressure indicator. 2,355,088; Aug. 8.

La Voy, Bernard L., Dearborn, Mich. Service tool. 2,361,851; Oct. 31.

Law, Don C., and J. T. Ellis, Bay City, assignors to The Dow Chemical Company, Midland, Mich. Airfoil. 2,341,997; Feb. 15.

Law, Harry, Merced, Calif. Endless track unit. 2,346,848; Apr. 18.

Law, Hugh, Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Work handling apparatus. 2,364,956; Dec. 12.

Law, James A., Merced, Calif. Crawler track. 2,364,857; Dec. 12.

Law, Walter E., St. Paul, Minn. Sterilizer. 2,354,817; Aug. 1.

Lawler, Frank P., Chicago, Ill., assignor of one-third to C. H. Grant, San Francisco, Calif., one-third to F. P. Lawler, Chicago, Ill., and one-third to P. J. Tyler, Oroville, Calif. Hoist. 2,350,120; May 30.

Lawler, Frank P., Chicago, Ill., assignor of one-third to C. H. Grant, San Francisco, Calif., one-third to F. P. Lawler, Chicago, Ill., and one-third to P. J. Tyler, Oroville, Calif. Hoist. 2,354,386; July 25.

Lawler, Frank P., Chicago, Ill., assignor of one-third to C. H. Grant, San Francisco, Calif., one-third to F. P. Lawler, Chicago, Ill., and one-third to P. J. Tyler, Oroville, Calif. Hoist. 2,354,387; July 25.

Lawler, Frank P., Chicago, Ill., assignor to Service Supply Corporation, Philadelphia, Pa. Crane attachment for tractors. 2,363,341; Nov. 21.

Lawler, John M. (See Kuettel, John J., assignor.)

Lawler, William P., G. J. Hable, and J. V. Steinle, assignors to S. C. Johnson & Son, Inc., Racine, Wis. Coating composition. 2,353,910; July 18.

Lawless, Granville L., Los Angeles, Calif. Apparatus for conditioning drilling muds. 2,359,923; Oct. 10.

Lawlor, John H., New York, and E. Dana, Flushing, N. Y. Optical lens. 2,347,488; Apr. 25.

Lawlor, Joseph P., Ames, Iowa. Removal of manganese from water. 2,355,808; Aug. 15.

Lawlor, Reed C., Pasadena, Calif. Avigation system. 2,363,600; Nov. 28.

Lawlor, Reed C., assignor to Consolidated Engineering Corporation, Pasadena, Calif. Method and apparatus for mass spectrometry. 2,355,658; Aug. 15.

Lawrence, Allen E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of butadiene. 2,364,377; Dec. 5.

Lawrence, Howard C., Haddon Heights, N. J., assignor to Radio Corporation of America. Reactance controlled generator. 2,350,171; May 30.

Lawrence, Howard F., assignor, by mesne assignments, to American Engineering Company, Philadelphia, Pa. Tuyère. 2,361,777; Oct. 31.

Lawrence, John G., Tampa, Fla. Ash tray. 2,348,396; May 9.

Lawrence, John J., Chester, Pa. Nursing bottle holder. 2,354,955; Aug. 1.

Lawrence, Ludwig L., et al. (See Schufftan, Eugen, assignor.)

Lawrence, Robert W. (See Bitting, C. D., and Lawrence.)

Lawrence, Robert W., assignor to Hercules Powder Company, Wilmington, Del. Explosive composition. 2,353,120; Jan. 4.

Lawrence, Robert W., assignor to Hercules Powder Company, Wilmington, Del. Electric blasting cap. 2,352,903; July 4.

Lawrence, Robert W., assignor to Hercules Powder Company, Wilmington, Del. Blasting cap. 2,363,254; Nov. 21.

Lawrenz, Ralph R., Winthrop, Minn. Fishing reel. 2,350,172; May 30.

Lawrie, George C., Collingswood, N. J., assignor to Tinius Olsen Testing Machine Company, Philadelphia, Pa. Pivot forming mechanism for balancing machines. 2,361,299; Oct. 24.

Lawrie, Thomas A., et al. (See Spillane, Paul X., assignor.)

Lawry, William F., Jr., Elkins Park, assignor to Brewster Aeronautical Corporation, Johnsville, Pa. Aircraft cowling construction. 2,362,381; Nov. 7.

Lawson, Birdsall P., assignor to Pilling Chain Company, Providence, R. I. Mechanism for assembling sliders. 2,354,690; Aug. 1.

Lawson, Elmer J., H. C. Parke, and L. A. Sweet, assignors to Parke, Davis & Company, Detroit, Mich. Pantothenic preparations and obtaining the same. 2,358,335; Sept. 19.

Lawson, Elmer J., and H. C. Parke, assignors to Parke, Davis & Company, Detroit, Mich. Preparation of vitamin compositions. 2,358,336; Sept. 19.

Lawson, Elmer J., Newtonville, N. Y., and H. C. Parke and L. A. Sweet, assignors to Parke, Davis & Company, Detroit, Mich. Vitamin intermediates and their preparation. 2,358,337; Sept. 19.

Lawson, F. H., Company, The. (See Lumley, Maurice, assignor.)

Lawson, Herbert E., assignor to Burgess Battery Company, Chicago, Ill. Dry cell. 2,343,194; Feb. 29.

Lawson, John W., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Lighting system. 2,359,371; Oct. 3.

Lawson, Joseph M., Memphis, Tenn. Power transmission mechanism. Re. 22,545; Sept. 12.

Lawson, Walter E. (See Holmes, H. H., and Lawson.)

Lawton, George, Highgate, London, England. Apparatus for conching chocolate. 2,355,539; Aug. 8.

Lawton, George W., assignor to The United States Bung Manufacturing Company, Cincinnati, Ohio. Bush for metal barrels. 2,343,618; Mar. 7.

Lawton, Howard C., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Sealing off porous formations. 2,348,484; May 9.

Lawyer, Ira B. (See Ernst, W., Lawyer, and Ashbaugh.)

Lawyer, Ira B., Mount Gilead, Ohio, assignor to The Hydraulic Development Corp. Inc., Wilmington, Del. Injection molding unit. 2,360,000; Oct. 10.

Laxer, Harry M., Jersey City, N. J., assignor, by mesne assignments, to Reconstruction Finance Corporation, New York, N. Y. Attachment for machine tools. 2,347,489; Apr. 25.

Lay, Devereaux B. (See Sudduth, J. A., and Lay.)

Lay, Roy L., B. H. Treybig, Jr., and L. M. Hubby, Houston, Tex., assignors to Texaco Development Corporation, New York, N. Y. Seismic prospecting. 2,351,524; June 13.

Lay, Walter E., Ann Arbor, and L. C. Fisher, Detroit, Mich. Spring construction and assembling. 2,359,318; Oct. 3.

Layman, Charles G. (See Brown, D. T., and Layman.)

Layne, Leslie A., Houston, Tex. Washing gravel out of perforate well casings. 2,356,769; Aug. 29.

Layne-Northern Company. (See Gunderson, Norris E., assignor.)

Layng, Edwin T., Jersey City, N. J., assignor to The M. W. Kellogg Company, New York, N. Y. Aromatization of aliphatic hydrocarbons. 2,349,826; May 30.

Layng, Edwin T., Jersey City, N. J., assignor to Process Management Company, Inc., New York, N. Y. Treatment of hydrocarbons. 2,363,187; Nov. 21.

Layng, Edwin T., Jersey City, N. J., and Vanderveer Vorhees, Hammond, Ind., assignors of one-half to Standard Oil Company, and one-half to The M. W. Kellogg Company. Dehydro-aromatization. 2,349,045; May 16.

Layng, Edwin T., Jersey City, N. J., and V. Voorhees, Hammond, Ind., assignors of one-half to Standard Oil Company and one-half to The M. W. Kellogg Company. Processing hydrocarbon distillates. 2,364,453; Dec. 5.

Lays, Albert F., Pelham Manor, assignor to The Dentists' Supply Company of New York, New York, N. Y. Artificial teeth selection rim. 2,343,777; Mar. 7.

Laystall Engineering Company Limited. (See Hedgecock, Stanley, assignor.)

Layton, Le Roy, Lansdowne, assignor to Lansdowne Steel & Iron Company, Morton, Pa. Forging retarder for drawbenches. 2,359,175; Jan. 11.

Layton, Le Roy, Lansdowne, assignor to Lansdowne Steel & Iron Company, Morton, Pa. Billet bar breaker. 2,354,323; July 25.

Layton, Le Roy, Lansdowne, and E. W. Shertz, Upper Darby, assignors to Lansdowne Steel & Iron Company, Morton, Pa. Picker motion for looms. 2,355,540; Aug. 8.

Lázaga, Francisco F., la Víbora, Habana, Cuba. Fluid brake operating transmission. 2,355,876; Aug. 15.

Lazaroff, Samuel, assignor to Elbe File & Binder Co., Inc., Fall River, Mass. Loose-leaf binder device. 2,340,129; Jan. 25.

Lazich, Branko, Wilkinsburg, and R. H. Williams, Jr., Pittsburgh, assignors to The Union Switch & Signal Company, Swissvale, Pa. Asymmetric device and mounting means therefor. 2,349,629; May 23.

Lazier, Wilbur A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydrogenation process. 2,358,234; Sept. 12.

Lazier, Wilbur A., New Castle County, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydrogenation of rosin compounds. 2,358,235; Sept. 12.

Lea, Peter A., New Orleans, La., assignor of one-ninth to G. V. Demarest. Boat. 2,338,341; Jan. 4.

Leacy, Eugene S., South Portland, assignor to The Burrowes Corporation, Portland, Maine. Guide frame for storm window, window screen, or like inserts. 2,342,614; Feb. 22.

Leadbetter, Ralph L., Wheaton, assignor, by mesne assignments, to Burgess-Manning Company, Chicago, Ill. Sound barrier wall or door construction. 2,350,513; June 6.

Leadbetter, Ralph L., Wheaton, assignor, by mesne assignments, to Burgess-Manning Company, Chicago, Ill. Silencer. 2,360,429; Oct. 17.

Leadbetter, Ralph L., Wheaton, assignor to Burgess-Manning Company, Chicago, Ill. Sound barrier wall or door construction. 2,363,068; Nov. 21.

Leader, Sophia. (See Leader, Zeleg and S.)

Leader, Sophie, New York, N. Y. Dustproof shoe bag. 2,359,272; Oct. 3.

Leader, Zeleg and S., New York, N. Y. Mattress cover. 2,343,260; Mar. 7.

Leadlay, Norman R. (See Lowenstein, Louis A., assignor.)

Leahey, Garret D., Minneapolis, Minn., assignor to General Mills, Inc. Advertising display card. 2,347,155; Apr. 18.

Leake, James M., Monroe, Mich. Rocker arm. 2,338,726; Jan. 11.

Leake, James M., Monroe, Mich. Rocker arm. 2,345,822; Apr. 4.

Lear Avia, Inc. (See Drake, Robert L., assignor.)

Lear, Avia, Inc. (See Lear, William P., assignor.)

Lear, Earl B., Garfield Heights, assignor, by mesne assignments, to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Rock drill rotation mechanism. 2,349,971; May 30.

Lear, Earl B., Garfield Heights, assignor, by mesne assignments, to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Capstan. 2,357,012; Aug. 29.

Lear, Earl B., Garfield Heights, assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Distributing valve for hoists. 2,360,430; Oct. 17.

Lear, William P., Dayton, assignor, by mesne assignments, to Lear Avia, Inc., Piqua, Ohio. Loop antenna system. 2,343,306; Mar. 7.

Lear, William P., Dayton, assignor, by mesne assignments, to Lear Avia, Inc., Piqua, Ohio. Radio tuning mechanism. 2,344,825; Mar. 21.

Lear, William P., assignor to Lear Avia, Inc., Piqua, Ohio. Compass control indicator system. 2,346,849; Apr. 18.

Lear, William P., assignor, by mesne assignments, to Lear Avia, Inc., Piqua, Ohio. Preselection control mechanism. 2,355,381; Aug. 8.

Lear, William P., assignor, by mesne assignments, to Lear Avia, Inc., Piqua, Ohio. Electric motor control unit. 2,356,253; Aug. 22.

Lear, William P., assignor to Lear Avia, Inc., Piqua, Ohio. Radio direction indicator system. 2,365,347; Dec. 19.

Lear, William P., Dayton, assignor, by mesne assignments, to Lear Avia, Inc., Piqua, Ohio. Pitot control system for aircraft. 2,364,637; Dec. 12.

Learmonth, William J., assignor to The Studebaker Corporation, South Bend, Ind. Shot blasting apparatus. 2,338,591; Jan. 4.

Learnard, Harry D., Andover, assignor to Pacific Mills, Lawrence, Mass. Cloth drying process and apparatus. 2,341,504; Feb. 8.

Leary, Harry B., Jr., Chevy Chase, Md. Fluid transmission device. 2,352,109; June 20.

Leary, John J. (See Tickell, Arthur J., assignor.)

Leary, Marshall L., Columbus, Ga. Wall construction and device therefor. 2,351,525; June 13.

Leary, Richard E., Newark, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Flock-coated die. 2,345,939; Apr. 4.

Leary, Richard E., Newark, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Bonding of methacrylate polymers. 2,346,036; Apr. 4.

Leary, William W., East Lampeter Township, Lancaster County, assignor to Armstrong Cork Company, Lancaster, Pa. Closure. 2,359,924; Oct. 10.

Leathers, Chester F., assignor to Progressive Welder Company, Detroit, Mich. Rheostat. 2,347,695; May 2.

Leathers, Chester F., Detroit, Mich., assignor to Progressive Welder Company. Welding mechanism. 2,363,536; Nov. 28.

Leathers, Chester F., and G. E. Undy, assignors to Progressive Welder Company, Detroit, Mich. Welding method and apparatus. 2,356,859; Aug. 29.

Leathers, Ward, Brooklyn, assignor to International Business Machines Corporation, New York, N. Y. Card forming and perforating apparatus. 2,338,288; Jan. 4.

Leathers, Ward, Brooklyn, assignor to International Business Machines Corporation, New York, N. Y. Automatic meter reading apparatus. 2,350,405; June 6.

Leathers, Ward, Brooklyn, N. Y., and W. J. A. Bailey, Packanack Lake, N. J., assignors to International Business Machines Corporation, New York, N. Y. Indicating control apparatus for perforating machines. 2,343,463; Mar. 7.

Leathers, Ward, Brooklyn, and H. Panissidi, Jamaica, assignors to International Business Machines Corporation, New York, N. Y. Telemetering apparatus. 2,344,254; Mar. 14.

Leathers, Ward, Brooklyn, and H. Panissidi, Jamaica, assignors to International Business Machines Corporation, New York, N. Y. Time recording mechanism. 2,352,440; June 27.

Leavell, Ullin W., Nashville, Tenn. Method and apparatus for teaching reading. 2,357,593; Sept. 5.

Leavitt Machine Company, The. (See Dexter, Frederick A., assignor.)

Lebedeff, Michael N., Chicago, Ill., assignor to Chicago Bridge & Iron Company. Container. 2,354,691; Aug. 1.

Lebedeff, Yurii E., Metuchen, N. J., assignor to American Smelting and Refining Company, New York, N. Y. Treating tin sulphide concentrates. 2,364,727; Dec. 12.

Le Bert, Charles A., Evangeline, assignor of one-half to C. V. Radke, Jenning, La. Propeller type drive. 2,354,465; July 25.

Le Blond, R. K., Machine Tool Company, The. (See Groene, William F., assignor.)

Le Blond, R. K., Machine Tool Company, The. (See Groene, W. F., and Kemper, assignors.)

Le Blond, R. K., Machine Tool Company, The. (See Groene, W. F., and Siekmann, assignors.)

Le Blond, R. K., Machine Tool Company, The. (See Groene, Willard L., assignor.)

Le Blond, R. K., Machine Tool Company, The. (See Kemper, H. C., and Ruzicka, assignors.)

Le Blond, R. K., Machine Tool Company, The. (See Le Blond, R. K., and Kemper, assignors.)

Le Blond, Richard K., and Harry C. Kemper, assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Milling machine transmission and control mechanism. 2,338,121; Jan. 4.

Lebourg, Maurice P., assignor to Schlumberger Well Surveying Corporation, Houston, Tex. Tension measuring device. 2,353,249; July 11.

Le Bourgeois, Roy, New Orleans, La. Device to hold radio programs. 2,365,089; Dec. 12.

Le Brocq, Laurence F., Farnham, and H. G. Cole, Farnborough, England. Manufacture of calcium chromate. 2,346,493; Apr. 11.

Lebus, William A., assignor to Protectoseal Company of America, Inc., Chicago, Ill. Gas tank fitting. 2,351,526; June 13.

Lebus, William A., assignor to Protectoseal Company of America, Inc., Chicago, Ill. Gasoline tank fitting. 2,356,326; Aug. 22.

Lebus, William A., assignor to Protectoseal Company of America, Inc., Chicago, Ill. Self-venting tank valve. 2,356,327; Aug. 22.

Lecher, Hans Z. (See Lacey, H. T., and Lecher.)

Lechleitner, Aloysius E., assignor to Eastman Kodak Company, Rochester, N. Y. Film guiding assembly. 2,350,780; June 6.

Lechthaler, Charles H. (See Simpson, T. P., and Lechthaler.)

Leclabart, Jean, Courbevoie, France; vested in the Alien Property Custodian. Heater for permanent waving. 2,344,097; Mar. 14.

Ledbetter, John N., Jr. (See Hansen, Veb, assignor.)

Ledbetter, John L., Jr., et al. (See Christensen, Leo M., assignor.)

Ledbetter, Robert L., Basile, La., assignor to Continental Oil Company, Ponca City, Okla. Flow meter. 2,348,076; May 2.

Lederle Laboratories, Inc. (See Baker, Bernard R., assignor.)

Lederle Laboratories, Inc. (See Carlson, Gustaf H., assignor.)

Lederle Laboratories, Inc. (See Carlson, G. H., and Baker, assignors.)

Lederle Laboratories, Inc. (See Carlson, G. H., and Rogers, assignors.)

Lederle Laboratories, Inc. (See Coca, Arthur F., assignor.)

Lederle Laboratories, Inc. (See Lipschitz, Werner L., assignor.)

Lederle Laboratories, Inc. (See Roberts, M. E., and Voigt, assignors.)

Lederle Laboratories, Inc. (See Schivek, Anne I., assignor.)

Lederle Laboratories, Inc. (See Tiesler, Adolph E., assignor.)

Lederle Laboratories, Inc. (See Wyckoff, Ralph W. G., assignor.)

Lederman, Edwin S., Birmingham, Ala. Corrective means for the human foot. 2,366,116; Dec. 26.

Ledin, Charles, Stamford, Conn., and J. P. Andrew, New Rochelle, N. Y., assignors to Yale & Towne Manufacturing Company, of Stamford, Conn. Tubular lock. 2,344,484; Mar. 14.

Le Doyen, Matthew W., Portsmouth, Va. Turnbuckle. 2,353,250; July 11.

Ledwinka, Joseph, assignor to Budd Wheel Company, Philadelphia, Pa. Brake mechanism. 2,342,083; Feb. 15.

Ledwinka, Joseph, assignor to Budd Wheel Company, Philadelphia, Pa. Brake mechanism. 2,348,077; May 2.

Ledwinka, Joseph, assignor to Budd Wheel Company, Philadelphia, Pa. Brake mechanism. 2,348,078; May 2.

Ledwinka, Joseph, assignor to Budd Wheel Company, Philadelphia, Pa. Brake mechanism. 2,351,573; June 13.

Ledwinka, Joseph, assignor to Budd Wheel Company, Philadelphia, Pa. Brake mechanism. 2,357,263; Aug. 29.

Ledwinka, Joseph, and J. W. Kelly, assignors to The Edward G. Budd Manufacturing Company, Philadelphia, Pa. Body and chassis underframe. 2,357,043; Aug. 29.

Ledwinka, Joseph, G. Trautvetter, and J. W. Kelly, assignors to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Vehicle construction and assembling same. 2,362,077; Nov. 7.

Lee, Alfred B. (See Buller, F. H., Zysk, and Lee.)

Lee, Arthur L., Oakmont, assignor, by mesne assignments, to Joy Manufacturing Company, Franklin, Pa. Mine vehicle. 2,358,236; Sept. 12.

Lee, Earl, Kent, and O. G. Milefson, Seattle, Wash. Pivotal connection. 2,357,672; Sept. 5.

Lee, Edward C. (See Thomas, C. L., and Lee.)

Lee, Edwin C., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Extrusion apparatus. 2,351,685; June 20.

Lee, Edwin C., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Barrier joint or termination for electric power cables. 2,362,963; Nov. 14.

Lee, Edward J., Jr. (See Waring, F. M., and Lee.)

Lee, Elmer S., Woodbine, Iowa. Gravity feed animal feeder. 2,362,078; Nov. 7.

Lee Engineering Research Corporation. (See Lee, Royal, assignor.)

Lee Engineering Research Corporation. (See Lee, R., and Broberg, assignors.)

Lee, Ernest A., Denilliquin, assignor to Paul & Gray Limited, Sydney, New South Wales, Australia. Riveting gun. 2,340,066; Jan. 25.

Lee, Frederick W., Owings Mills, Md. Geophysical prospecting. 2,345,608; Apr. 4.

Lee, Floyd J., Whittier, assignor of one-half to J. L. Hull, Los Angeles, Calif. Fire extinguishing unit. 2,357,961; Sept. 12.

Lee, Frank H., Company, The. (See Kane, John E., assignor.)

Lee, Fredric J. (See Sebo, Joseph, assignor.)

Lee, George N., Yonkers, assignor to Brett Lithographing Co., Long Island City, N. Y. Carton for bottles. 2,339,176; Jan. 11.

Lee, George N., Yonkers, assignor to Brett Lithographing Co., Long Island City, N. Y. Collapsible paper board receptacle. 2,352,393; June 27.

Lee, George W., Willow Springs, N. C. Plow of the sweep type. 2,350,049; May 30.

Lee, Graham, assignor to Oliver United Filters Incorporated, Oakland, Calif. Filter and automatic valve. 2,352,330; June 27.

Lee, H. D., Company, The. (See Kratz, Oscar E., assignor.)

Lee, Harold J. (See Kennedy, J. M., Knight, and Lee.)

Lee, Harry F., Gallup, N. Mex. Carburetor. 2,357,673; Sept. 5.

Lee, Harry F., Grand Junction, Colo. Atomiser for carburetors. 2,364,987; Dec. 12.

Lee, Henry R., Pitman, and C. F. Belcher, Bridgeton, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing 6-Bz-1-dibromobenzanthrone. 2,353,049; July 4.

Lee, Henry R., and W. Dettwyler, Pitman, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Anthraquinone compounds. 2,350,373; Oct. 3.

Lee, Henry R., Pitman, N. J., and C. A. Young, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Anthaquinone dyes for animal and related fibers. 2,363,069; Nov. 21.

Lee, James, Cheshire, assignor to Scovill Manufacturing Company, Waterbury, Conn. Lipstick container. 2,349,799; May 30.

Lee, James, Cheshire, assignor to Scovill Manufacturing Company, Waterbury, Conn. Lipstick container. 2,349,800; May 30.

Lee, James W., Grand Haven, and F. Barney, Spring Lake, assignors to The Challenge Machinery Company, Grand Haven, Mich. Paper boring and slotting machine. 2,363,255; Nov. 21.

Lee, John, Clifton, assignor to Hoffmann-La Roche, Inc., Nutley, N. J. Substituted para-aminobenzene sulphonamide compound. 2,339,767; Jan. 25.

Lee, John, Clifton, assignor to Hoffmann-La Roche, Inc., Nutley, N. J. Substituted para-aminobenzene sulphonamide compound. 2,339,768; Jan. 25.

Lee, John G., Farmington, assignor to United Aircraft Corporation, East Hartford, Conn. Air induction means. 2,339,575; Jan. 18.

Lee, John, Nutley, and U. V. Solmssen, Clifton, assignors to Hoffmann-La Roche, Incorporated, Roche Park, Nutley, N. J. Therapeutic product and manufacture of the same. 2,354,132; July 18.

Lee, John, Nutley, and W. Freudenberg, Cranford, assignors to Hoffmann-La Roche, Inc., Nutley, N. J. Piperidine derivatives and manufacture of the same. 2,355,659; Aug. 15.

Lee, Kenyon F., trustee. (See Bell, David B., assignor.)

Lee, Lloyd L. (See Welsand, J. Jr., and Lee.)

Lee, Marvin, Rye, and I. F. Matthysse, New York, N. Y., assignors to Burndy Engineering Company, Inc. Disconnector switch. 2,347,696; May 2.

Lee, Pyungtoo W., and C. Dietz, York, Pa., assignors to The Dentists' Supply Company of New York, New York, N. Y. All ceramic denture and producing same. 2,341,998; Feb. 15.

Lee, Raymond E. (See Reed, Raymond E., assignor.)

Lee, Reginald W., Bath, England. Wind and rain screen and the like. 2,358,934; Sept. 26.

Lee, Reuben, Catonsville, Md., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Voltage stabiliser. 2,351,980; June 20.

Lee, Roger K., assignor to Kenlee Corporation, Highland Park, Mich. Curing machine. 2,364,858; Dec. 12.

Lee, Roger K., Highland Park, assignor to American Seating Company, Grand Rapids, Mich. Chair. 2,365,570; Dec. 19.

Lee-Bowan Company. (See Fouke, George W., assignor.)

Lee, Royal, assignor to Lee Engineering Research Corporation, Milwaukee, Wis. Speed regulating apparatus. 2,353,314; July 11.

Lee, Royal, Milwaukee, and F. E. Broberg, Racine, assignors to Lee Engineering Research Corporation, Milwaukee, Wis. Protective electrical contacts. 2,356,166; Aug. 22.

Lee Rubber & Tire Corporation. (See Carlin, James C., assignor.)

Lee Rubber & Tire Corporation. (See Leopold, Frederick, assignor.)

Lee Rubber & Tire Corporation. (See Limbert, Rollin J., assignor.)

Lee, Say L., New York, N. Y. Protecting device for ships. 2,361,778; Oct. 31.

Lee, William C., Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Wrap yarn stop motion. 2,361,779; Oct. 31.

Leebov, Nathan, Pittsburgh, Pa. Receptacle. 2,345,486; Mar. 28.

Leece, Bennett M., Shaker Heights, assignor to The Leece-Neville Company, Cleveland, Ohio. Rheostat. 2,364,728; Dec. 12.

Leece-Neville Company, The. (See Leece, Bennett M., assignor.)

Leech, Russ B., assignor to Standard Process Corporation, Chicago, Ill. Coating apparatus. 2,361,950; Nov. 7.

Leed Company, The. (See Reed, Raymond E., assignor.)

Leeds and Northrup Company. (See Perley, George A., assignor.)

Leeds and Northrup Company. (See Peters, J. C., and Stein, assignors.)

Leeds, Winthrop M. (See Dickinson, R. C., and Leeds.)

Leeds, Winthrop M., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,350,127; Sept. 26.

Leemann, Hans, A. Rheiner, and W. Hagenbuch, Basel, assignors to the firm Sandos Ltd., Fribourg, Switzerland. Manufacture of laminated webs of cellulose ester fibers. 2,357,962; Sept. 12.

Lees-Bradner Company, The. (See Warner, H. C., and Schurr, assignors.)

Leese, Charles P., assignor to Standard Car Truck Company, Chicago, Ill. Car truck. 2,355,450; Aug. 8.

Lefcourt, Leonard H., New York, N. Y. Making corrugated rubber mats. 2,340,302; Feb. 1.

Le Febure Corporation. (See Nabbols, Orvie E., assignor.)

Lefebure, Victor. (See Etridge, J. J., Sandford, and Lefebure.)

Lefebure, Victor. (See Sandford, J. B., and Lefebure.)

Lefebure, Victor, London, England, assignor to Imperial Chemical Industries Limited. Making composite boards. 2,352,553; June 27.

Le Febvre, Alfred L. (See Cave, H., Fuller and Le Febvre.)

Le Febvre, Alfred L., Windsor, assignor to The Fuller Brush Company, Hartford, Conn. Brush and forming the same. 2,341,728; Feb. 15.

Lefere, Alidor, assignor to Lefere Forge & Machine Company, Jackson, Mich. Making high explosive. 2,338,652; Jan. 4.

Lefere Forge & Machine Company. (See Lefere, Alidor, assignor.)

Lefever, Charles F., assignor to Daisy Manufacturing Company, Plymouth, Mich. Pop gun. 2,351,823; June 20.

Lefever, Charles F., assignor to Daisy Manufacturing Company, Plymouth, Mich. Popgun. 2,355,809; Aug. 15.

Le Fevre, Arden W., and T. F. Spackman, assignors to Stewart-Warner Corporation, Chicago, Ill. Automobile heater. 2,342,872; Feb. 29.

Le Fevre, Leopold J., Point Piper, New South Wales, Australia. Pump for pumping water, oil, or other liquids from wells and the like. 2,365,281; Dec. 19.

Le Fevre, Walter J. (See Britton, E. C., and Le Fevre.)

Le Fevre, Walter J. (See Britton, E. C., Marshall, and Le Fevre.)

Lefler Corporation. (See Tandler, W. S., Walker, and Teller, assignors.)

Lefkowitz, Elizabeth. (See Nunes, John S., assignor.)

Le Frank, John D., Maplewood, N. J., assignor to American Can Company, New York, N. Y. Can unloading machine. 2,353,736; July 18.

Le Frank, John D., Maplewood, N. J., assignor to American Can Company, New York, N. Y. Can filling machine. 2,355,089; Aug. 8.

Le Frank, John D., Maplewood, N. J., assignor to American Can Company, New York, N. Y. Can weighing machine. 2,358,813; Sept. 26.

Legeman, Ralph E., Evansville, Ind. Humidifier. 2,347,490; Apr. 25.

Le Gere, Joseph F., Rock Hill, S. C. Tent peg. 2,358,089; Sept. 12.

Leggett and Platt, Incorporated. (See Joyce, Carroll G., assignor.)

Le Gloahec, Victor C. E., Rockland, Maine, assignor to Algin Corporation of America, New York, N. Y. Fruit syrup. 2,353,251; July 11.

Le Gore, John P., Hingham, and F. L. Brandt, Lynn, Mass., assignors to National Fireworks, Inc. Drill round. 2,342,549; Feb. 22.

Le Gore, John P., Hingham, and F. L. Brandt, Lynn, Mass., assignors to National Fireworks, Inc. Mine. 2,358,403; Sept. 19.

Le Gresley, Stanley G., Flint, Mich. Safety vehicle door lock. 2,344,826; Mar. 21.

Le Gro, Modiste L., and L. S. Williamson, Minneapolis, Minn. Combination water supply and level control for storage batteries. 2,339,642; Jan. 18.

Leguillon, Charles W., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Method and apparatus for treating strip plastic material. 2,338,770; Jan. 11.

Leguillon, Charles W., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Tire-building apparatus. 2,346,439; Apr. 11.

Leguillon, Charles W., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Method of and apparatus for depositing films. 2,351,271; June 13.

Leguillon, Charles W., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Apparatus for coating tire articles. 2,355,382; Aug. 8.

Leguillon, Charles W., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Apparatus for applying treads. 2,358,935; Sept. 26.

Leguillon, Charles W., and A. S. Krots, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Track block. 2,353,050; July 4.

Lehane, Timothy J., and E. H. Burgess, assignors to Vapor Car Heating Company, Inc., Chicago, Ill. Automatic temperature control system. 2,346,592; Apr. 11.

Lehde, Henry, Brooklyn, N. Y. Method and apparatus for effecting electrical measurements. 2,347,200; Apr. 25.

Lehman, David R., Bethesda, Md. Repair device for leaky tire inflation valves. 2,342,056; Feb. 15.

Lehman, Edgar A., assignor to The American Foundry Equipment Company, Mishawaka, Ind. Wood finishing. 2,345,610; Apr. 4.

Lehman, Edgar A., assignor to The American Foundry Equipment Company, Mishawaka, Ind. Wood finishing. 2,345,940; Apr. 4.

Lehman, Edgar A., assignor to The American Foundry Equipment Company, Mishawaka, Ind. Mechanical filling of porous wood. 2,345,941; Apr. 4.

Lehman, Edgar A., assignor to The American Foundry Equipment Company, Mishawaka, Ind. Wood finishing. 2,345,942; Apr. 4.

Lehman, Edward H., assignor to W. H. Miner, Inc., Chicago, Ill. Car construction. 2,348,913; May 16.

Lehman, Ernest H., Scotia, N. Y., assignor to General Electric Company. Assembling anode structures. 2,340,670; Feb. 1.

Lehman, Eugene J., D. E. Wiegand, and J. O. Fenwick, Zanesville, Ohio, assignors to Line Material Company, South Milwaukee, Wis. Three-phase transformer construction. 2,355,169; Aug. 8.

Lehman, Robert A., New York, N. Y., and R. C. Sproull, Pittsfield, Mass. Sodium bismuth triglycollamate. 2,345,984; May 16.

Lehman, Robert W. (See Baxter, J. G., and Lehman.)

Lehman, Samuel K., New York, N. Y., assignor to Bendix Aviation Corporation, Bendix, N. J. Engine starting. 2,347,744; May 2.

Lehmann, Ernst. (See Conzetti, A., and Lehmann.)

Lehmann, Harry, Dusseldorf, Germany; vested in the Alien Property Custodian. Paper container blank. 2,344,359; Mar. 14.

Lehmann, Herbert G., assignor to Casco Products Corporation, Bridgeport, Conn. Coffee maker. 2,346,924; Apr. 18.

Lehmann, Herbert G., Wood-Ridge, N. J., assignor to Automatic Devices Corporation, Bridgeport, Conn. Cigar lighter. 2,363,679; Nov. 28.

Lehmann, Herbert G., Wood-Ridge, N. J., assignor to Casco Products Corporation, Bridgeport, Conn. Projectable antenna. 2,365,886; Dec. 26.

Lehmann, J. M., Co. (See Hollstein, Paul, assignor.)

Lehmann, Rudolf. (See Riggs, W. S., and Lehmann.)

Lehmann, Sears, Jr. (See Blair, C. M., Jr., and Lehmann, Jr.)

Lehmann, Sears, Jr., University City, and C. M. Blair, Jr., Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Preventing and/or removing accumulation of solid matter in oil wells, pipelines, and flow lines. 2,356,254; Aug. 22.

Lehmberg, William H. (See Splaine, E. M., and Lehmberg.)

Lehmberg, William H., Dudley, assignor to American Optical Company, Southbridge, Mass. Respirator. 2,362,382; Nov. 7.

Lehn & Fink Products Corporation. (See Klarmann, E., and Gates, assignors.)

Lehon Company, The. (See Cuno, Charles W., assignor.)

Lehrfeld, William H. (See Latus, F. A., and Lehrfeld.)

Lehrman, Leo A., assignor to American Steel Foundries, Chicago, Ill. Truck. 2,365,198; Dec. 19.

Leiber, Ferdinand, Berlin-Friedrichshagen, Germany; vested in the Alien Property Custodian. Method and device for producing intensified colors or for intensifying the perception of colors. 2,342,152; Feb. 22.

Leibing-Fageol Company. (See Leibing, William E., assignor.)

Leibing, William E., assignor to Leibing-Fageol Company, Detroit, Mich. Fuel control. 2,359,925; Oct. 10.

Leiboff, Samuel L., Bronx, assignor to A. M. Rosenfeld, doing business as Paragon C. & C. Co., New York, N. Y. Apparatus for extracting cholesterol from blood. 2,359,128; Sept. 26.

Leichner, William G., Fort Wayne, Ind., assignor to Farnsworth Television and Radio Corporation. Vacuum tube holder. 2,342,475; Feb. 22.

Leifer, Alfred, and F. Schilgen, Berlin, Germany; vested in the Alien Property Custodian. Vibrating converter. 2,357,834; Sept. 12.

Leigh, Robert L., Grand Rapids, assignor to Air Control Products, Inc., Coopersville, Mich. Air register. 2,360,952; Oct. 24.

Leighton, John D., Port Huron, Mich. Casting process. 2,352,842; July 4.

Leighton, John W., Port Huron, Mich. Shell clip. 2,356,413; Aug. 22.

Leighton, Leroy G., Cleveland, Ohio, assignor to General Electric Company. Filament connection for electric lamps. 2,338,855; Jan. 11.

Leighty, Fred G., Birmingham, Ala. Frame for measuring body posture. 2,349,664; May 23.

Leijdens, Pieter. (See van Liempt, J. A. M., and Liejdens.)

Leippe, Richard M., Cedar Grove, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Polyphase meter. 2,359,129; Sept. 26.

Leishman, Le Roy J., Los Angeles, Calif. Automatic tuner. 2,339,177; Jan. 11.

Leishman, Le Roy J., Los Angeles, Calif. Automatic tuning mechanism. 2,340,393; Feb. 1.

Leising, John P., Swormsville, N. Y. Molding form. 2,345,707; Apr. 4.

Leitner, Henry J., Philadelphia, and H. C. Sheaffer, North Hills, assignors to The Hall Planetary Company, Philadelphia, Pa. Milling machine. 2,350,406; June 6.

Leissler, Lee R. (See Leissler, Lee R., assignor.)

Leissler, Lee R., Houston, Tex., assignor to C. C. Cawthon and L. R. Leissler. Drilling bit. 2,357,835; Sept. 12.

Leister, Fayette, Detroit, Mich., and H. A. Leister, Philadelphia, Pa. Sextant. 2,350,240; May 30.

Leister, Herbert A. (See Leister, Fayette and H. A.)

Leisure, James R., Compton, Calif. Nut anchor. 2,353,252; July 11.

Leitch, Leonard C., and L. Brickman, Montreal, Quebec, and L. E. Ryan, Dorval, assignors to Mallinckrodt Chemical Works Limited, Montreal, Quebec, Canada. Production of sulphathiazole. 2,339,083; Jan. 11.

Leiter, Harry H. (See Hackett, George S., assignor.)

Leithiser, George L., York, Pa., assignor to General Electric Company. Polishing apparatus. 2,340,130; Jan. 25.

Leitzel, Raymond H., Forest Hills, and W. H. Ware, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,356,069; Aug. 15.

Lejeune, Emile J. A., Paris, France; vested in the Alien Property Custodian. Device for the manufacture of gas masks. 2,351,981; June 20.

Le Jeune, Frank H., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Forming pressed metal wheel disks. 2,349,738; May 23.

Leland, George H., Dayton, Ohio. Apparatus for testing eyes. 2,340,760; Feb. 1.

Leland, George H., Dayton, Ohio. Bomb rack. 2,346,494; Apr. 11.

Leland Stanford Junior University, The, Board of Trustees of. (See Pierson, P. H., and Saunders, assignors.)

Leland Stanford Junior University, The, Board of Trustees, of The. (See Varian, R. H., and Hansen, assignors.)

Leland, Ted, Fort Screven, Ga., assignor of forty per cent to V. R. Leland, Sacramento, Calif. Electric can opener. 2,340,541; Feb. 1.

Leland, Virginia R. (See Leland, Ted, assignor.)

Leline, Arnold W., assignor to Advance Engineering Company, Chicago, Ill. Phonograph record changer. 2,352,331; June 27.

Leliter, Chester P., La Porte, Ind., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Diesel engine control. 2,340,270; Jan. 25.

Leman, Arthur L., Crosby, and G. E. Nevill, Houston, Tex., assignors to The National Supply Company, Pittsburgh, Pa. Auxiliary flange for control heads. 2,357,411; Sept. 5.

Lembcke, Richard H., Tallant, assignor to Cities Service Oil Company, Bartlesville, Okla. Refining low boiling alcohols. 2,351,527; June 13.

Lemberg, Joseph, New York, N. Y. Gun. 2,363,878; Nov. 28.

Lembitz, Joseph J., and S. M. Martin, Baltimore, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Insulation cutting apparatus. 2,346,314; Apr. 11.

Le Mire, Warren C. (See Knight, O. M., and Le Mire.)

Lemmerman, Paul C., Cleveland Heights, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Weld-rod coating. 2,344,621; Mar. 21.

Lemmers, Eugene. (See Inman, G. E., Lemmers, and Thayer.)

Lemmers, Eugene. (See Karash, W. J., and Lemmers.)

Lemmers, Eugene, Cleveland Heights, Ohio, assignor to General Electric Company. Fluorescent tube coating. 2,339,178; Jan. 11.

Lemmers, Eugene, Cleveland Heights, Ohio, assignor to General Electric Company. Activating cathodes. 2,342,550; Feb. 22.

Lemmers, Eugene, Cleveland Heights, Ohio, assignor to General Electric Company. Electric discharge device and operation. 2,351,270; June 13.

Lemmers, Eugene, Cleveland Heights, Ohio, assignor to General Electric Company. Electric discharge device. 2,363,070; Nov. 21.

Lemmon, Alexis W., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Conveyer. 2,339,491; Jan. 18.

Lemmon, Alexis W., Upper Arlington, Ohio, assignor to The Jeffrey Manufacturing Company. Chain and attachment. 2,341,149; Feb. 8.

Lemmon, Alexis W., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Conveyer. 2,360,243; Oct. 10.

Lemmon, Alexis W., Columbus, Ohio, and E. E. Landahl, Detroit, Mich., assignors to The Jeffrey Manufacturing Company. Self-lubricating belt idler. 2,362,644; Nov. 14.

Lemmon, Walter S., Riverside, Conn., C. R. Doty, Yonkers, N. Y., R. F. Walz, Glen Ridge, and A. C. Holt, Oradell, N. J., assignors to International Business Machines Corporation, New York, N. Y. System of coding and decoding. Re. 22,523; July 25.

Le Monde Corset Company. (See Schubert, Minna R., assignor.)

Lemont, Clarence J., South Milwaukee, assignor to Line Material Company, Milwaukee, Wis. Insulator. Re. 22,469; Apr. 11.

Lempert, Joseph, Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. X-ray system for varying intensity X-ray beams. 2,355,981; Aug. 15.

Lenape Hydraulic Pressing & Forging Co. (See Moore, Charles H., assignor.)

Lenart, Andor, and J. Vámos, Budapest, Hungary; vested in the Alien Property Custodian. Driving belt. 2,338,447; Jan. 4.

Lendinara, Louise, New York, N. Y. Flexible joint. 2,362,383; Nov. 7.

Lenehan, Bernard E., Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical inverter. 2,351,982; June 20.

Lenhardt, Alexander, Monterey, Calif. Scarecrow for gardens and the like. 2,357,900; Sept. 12.

Lennes, J. Burr, San Francisco, Calif. Cooling and ventilating system for airplanes. 2,352,703; July 4.

Lennington, Joseph B., Mount Pleasant Township, Delaware County, Ind. Molding. 2,341,999; Feb. 15.

Lennon, Arthur H., Montreal, Quebec, Canada. Manufacture of built-up blanks from scrap leather. 2,358,404; Sept. 19.

Lennon, Robert J., East Moline, Ill., and S. G. Green, Gray, Ga. Gun elevating mechanism. 2,346,172; Apr. 11.

Lennox, Thomas C., Pittsfield, Mass., assignor to General Electric Company. Transformer tap-changing circuit. 2,342,084; Feb. 15.

Lent, Constantin P., Forest Hills, N. Y. Toy monorail train and handcar. 2,346,978; Apr. 18.

Lenta, Giuseppe, Beausoleil, France; vested in the Alien Property Custodian. One-piece safety razor. 2,343,913; Mar. 14.

Lente, Howard O., East Williston, N. Y. Salvaging apparatus and system. 2,347,491; Apr. 25.

Lenth, Charles W. (See Du Puis, R. N., and Lenth.)

Lentheric, Incorporated. (See Brown, Enoch N., assignor.)

Lento, Louis L., Jr. (See Foster, G. H., and Lento.)

Lentz, Alfred P. (See Dobson, W. M., Frye, and Lentz.)

Lentz, Anton, Heidelberg, Germany; vested in the Alien Property Custodian. Pusher mechanism for tractors. 2,356,600; Aug. 22.

Lentz, Leonard L. (See Nystrom, Karl F.)

Leo, Herbert T., and C. C. Taylor, assignors to Mutual Citrus Products Company, Anaheim, Calif. Recovering citrus acid values from citrus products. 2,362,906; Nov. 14.

Leominster Tool Co. (See Caron, Ludger J., assignor.)

Leonard, Albert J., Hollywood, Calif. Lock with recessed handle for aircraft. 2,357,049; Aug. 29.

Leonard, Ancel B., Bartlesville, Okla., assignor to Phillips Petroleum Company. Butane isomerization process. 2,366,117; Dec. 26.

Leonard, Harry M., assignor of one-half to R. L. Gunn, Los Angeles, Calif. Method and means for illuminating objects. 2,344,153; Mar. 14.

Leonard, Henry, Portland, Oreg. Line fastener. 2,358,580; Sept. 19.

Leonard, Henry M., Brooklyn, N. Y. Direction indicator. 2,343,778; Mar. 7.

Leonard, Joseph E., Berkeley, Calif. Fireplace air circulating heater. 2,360,611; Oct. 17.

Leonard, Lawrence W., Newton, Mass. Blade oiling device for stereotype plate shaving machines. 2,341,927; Feb. 15.

Leonard, Merrill G. (See Hodnette, J. K., Leonard, and Sellers.)

Leonard, Merrill G., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Protective device for electrical apparatus. 2,345,131; Mar. 28.

Leonard, Merrill G., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Protective device having electrical resetting. 2,351,983; June 20.

Leonard, Merrill G., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Protective device for electrical apparatus. 2,351,984; June 20.

Leonard, Merrill G., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,357,210; Aug. 29.

Leonard, Radford, and F. Migge, assignors to Eitel-McCullough, Inc., San Bruno, Calif. Apparatus for butt welding rods. 2,359,525; Oct. 3.

Leonard, Ward, Electric Company. (See Cohen, Arthur M., assignor.)

Leonard, Ward, Electric Company. (See Ganci, Charles J., assignor.)

Leonard, Ward, Electric Company. (See Logan, Frank G., assignor.)

Leonardson, Daniel, et al. (See Rowell, Joseph W., assignor.)

Leonardson, Edna S., et al. (See Rowell, Joseph W., assignor.)

Leone, Martin, Perth Amboy, N. J. Boat. 2,366,035; Dec. 26.

Leonhart, William F., Mount Lebanon, Pa., assignor to Owens-Illinois Can Company. Punching mechanism. 2,359,226; Sept. 26.

Leopold, Frederick, Harmonville, assignor to Lee Rubber & Tire Corporation, Conshohocken, Pa. Conveying apparatus. 2,360,836; Oct. 24.

Lepetit, Jean, Clichy, France; vested in the Alien Property Custodian. Electric conductor. 2,351,056; June 13.

Lepis, John, Astoria, N. Y. Rotary steam engine. 2,356,461; Aug. 22.

Leppin, Rudolph, Davenport, Iowa, assignor, by mesne assignments, to McConway & Torley Corporation, Pittsburgh, Pa. Car truck. 2,341,452; Feb. 8.

Lepsoe, Robert, Trail, and R. F. Mitchell, Rossland, assignors to The Consolidated Mining and Smelting Company of Canada, Limited, Montreal, Quebec, Canada. Production of ammonium sulphate and elemental sulphur. 2,359,319; Oct. 3.

Lerch, William B., C. H. Mathis, and E. J. Gatchell, Bartlesville, Okla., assignors to Phillips Petroleum Company. Plugging formations. 2,345,611; Apr. 4.

Lerch, William B., C. H. Mathis, and E. J. Gatchell, Bartlesville, Okla., assignors to Phillips Petroleum Company. Method of sealing or fixing casing tubes in wells. 2,349,181; May 16.

Lermer, Irving S., assignor to Celluplastic Corporation, Newark, N. J. Message holder for use with homing pigeons. 2,343,679; Mar. 7.

Le Rouge, Jean, Boulogne-sur-Seine, France; vested in the Alien Property Custodian. Removing the substances condensed in cold accumulators in the cooling of gases. 2,355,660; Aug. 15.

Leroux, Edward E., Jersey City, N. J. Stenciling attachment for typewriters. 2,364,729; Dec. 12.

Lesavoy, Isadore L., Allentown, Pa. Undergarment. 2,353,342; July 11.

Leshing, Michael S., Los Angeles, and B. C. Robertson, North Hollywood, assignors to Twentieth Century-Fox Film Corporation, Los Angeles, Calif. Processing motion picture film. 2,342,000; Feb. 15.

Leskin, Morton B., Los Angeles, Calif., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Detonating explosive rivets. 2,364,730; Dec. 12.

Leslie, Freeland H., Chicago, Ill. Subpress. 2,359,566; Oct. 3.

Leslie, Freeland H., Chicago, Ill. Slant roof louver. 2,363,879; Nov. 28.

Lesnick, Robert N. (See Bertran, E. M., and Lesnick.)

Lesnick, Robert N., Brooklyn, assignor to Brewster Aeronautical Corporation, Long Island City, N. Y. Gunfire control. 2,349,101; May 16.

Lesnick, Robert N., Brooklyn, assignor to Brewster Aeronautical Corporation, Long Island City, N. Y. Gun operation signal mechanism. 2,349,182; May 16.

Lesnick, Robert N., Brooklyn, assignor to Brewster Aeronautical Corporation, Long Island City, N. Y. Aircraft cockpit canopy. 2,349,630; May 23.

Lesnick, Robert N., Camden, N. J., assignor to Radio Corporation of America. Servo system. 2,363,342; Nov. 21.

Lessard, Thomas, Eaglesham, and W. Mund, Wanham, Alberta, Canada. Dust remover. 2,352,273; June 27.

Lesser, Murray, Brooklyn, assignor to Free-For-All, Inc., New York, N. Y. Shirt. 2,341,797; Feb. 15.

Lesser, Murray, Brooklyn, assignor to Free-For-All, Inc., New York, N. Y. Garment. 2,341,798; Feb. 15.

Lessig, Edward T., Cuyahoga Falls, and L. Larrick, Stow, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Production of improved cellulosic cords and yarns. 2,346,126; Apr. 11.

Lessig, Edward T., Silver Lake, and E. N. Cunningham, Cuyahoga Falls, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Improving the adhesion of rubber to fibrous materials and product thereof. 2,346,440; Apr. 11.

Lessig, Edward T., Silver Lake, and E. N. Cunningham, Cuyahoga Falls, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Improving the adhesion of rubber to fibrous materials and product thereof. 2,363,981; Nov. 28.

Lessin, Maurice E., Bronx, N. Y. Necktie hanger. 2,348,139; May 2.

Lessmann, Gerhard P. (See Krauscope, A., and Lessmann.)

Lessmann, Gerhard P., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pitsburgh, Pa. Tensiometer. 2,340,067; Jan. 25.

Lessmann, Gerhard P., Forest Hills, and P. C. Lottes, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Tensiometer. 2,345,132; Mar. 28.

Lester, Earl L., Sr., et al. (See Humason, Granville A., assignor.)

Lester Engineering Company. (See Lester, N., and Schwartz, assignors.)

Lester, Mack, Lawrence, assignor to The Art Crayon Company, Incorporated, Brooklyn, N. Y. Foldable box. 2,342,873; Feb. 29.

Lester, Nathan, Shaker Heights, and W. H. Schwartz, Cleveland, assignors to Lester Engineering Company, Cleveland, Ohio. Pressure casting machine injection pressure control. 2,365,282; Dec. 19.

Lester, Ray F., assignor to Crouse-Hinds Company, Syracuse, N. Y. Explosion-proof switch housing. 2,345,767; Apr. 4.

Lester & Wasley Co., Inc., The. (See Chapman, P. W., and Jouret, assignors.)

Letang, Nicholas J. (See Kvalnes, D. E., and Letang.)

Letendre, Milton A., Minneapolis, Minn. Making ring settings. 2,351,689; June 20.

Lethenstrom, Mervin A., Seattle, Wash. Reciprocating saw machine. 2,347,918; May 2.

Le Tourneau, R. G., Inc. (See Brooking, Edgar C., assignor.)

Le Tourneau, R. G., Inc. (See Hyler, Loiell L., assignor.)

Le Tourneau, R. G., Inc. (See Le Tourneau, Robert G., assignor.)

Le Tourneau, R. G., Inc. (See Le Tourneau, R. G., and Graham, assignors.)

Le Tourneau, R. G., Inc. (See Malik, Joseph M., assignor.)

Le Tourneau, R. G., Inc. (See Peterson, Oscar R., assignor.)

Le Tourneau, R. G., Inc. (See Peterson, O. R., and Stevens, assignors.)

Le Tourneau, R. G., Inc. (See Salvador, Jack, assignor.)

Le Tourneau, R. G., Inc. (See Short, George P., assignor.)

Le Tourneau, R. G., Inc. (See Le Tourneau, Robert G., assignor.)

Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Knurling device. 2,338,186; Jan. 4.

Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Dolly unit for two-wheel tractor. 2,338,771; Jan. 11.

Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc. Blank forging machine. 2,339,019; Jan. 11.

Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Elevator truck. 2,339,020; Jan. 11.

Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Double cone clutch. 2,339,643; Jan. 18.

Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc. Universal tractor hitch. 2,342,407; Feb. 22.

Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Portable hoist. 2,342,408; Feb. 22.

Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Plunger guide unit. 2,342,946; Feb. 29.

Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Multiple spindle lathe. 2,343,150; Feb. 29.

Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Clutch and power transmission unit. 2,344,046; Mar. 14.

Le Tourneau, Robert G., Peoria, Ill., and C. Graham, Toccoa, Ga., assignors to R. G. Le Tourneau, Inc., Stockton, Calif. Tap supporting carriage for lathes. 2,344,622; Mar. 21.

Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Annealing furnace. 2,345,133; Mar. 28.

Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Sandblasting machine. 2,351,272; June 13.

Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc. Cable operated press. 2,351,824; June 20.

Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Footing. 2,352,904; July 4.

Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Draft unit. 2,355,893; Aug. 15.

Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Sheep's-foot roller. 2,358,863; Sept. 26.

Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Shell nosing lathe. 2,360,001; Oct. 10.

Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Reversible power control unit. 2,362,568; Nov. 14.

Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc. Combined draft and power take-off unit. 2,363,071; Nov. 21.
Letsche, Charles. (See Hallerstrom, H., and Letsche.)
Lett, Julian T. (See Wiley, Lee M., assignor.)
Lett, Julian T., et al. (See Wiley, Lee M., assignor.)
Letz Manufacturing Company, The. (See Holland-Letz, John, assignor.)
Leubsdorf, Courinne G., assignor to L. Frank, New York, N. Y. Garment side closure. 2,347,354; Apr. 25.
Leufvenius, Karl J. G. (See Sperzel, P. J., and Leufvenius.)
Leukhardt, Arthur R., New York, N. Y., assignor to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Clutch control mechanism. 2,341,631; Feb. 15.
Leverich, Frederick M., Lemmon, S. Dak. Crankshaft grinding machine. 2,340,602; Feb. 1.
Leuschner, Kurt A., Monterey, Calif. Can drainer. 2,353,343; July 11.
Leuth, Karl M., Minneapolis, Minn., C. L. Mantell, Manhasset, N. Y., and W. L. Hammerquist, Knoxville, Tenn., assignors to Electro Manganese Corporation, Minneapolis, Minn. Manganese deposition control. 2,341,143; Oct. 24.
Leuthold, Edgar J., assignor to Tung-Sol Lamp Works, Inc., Newark, N. J. Heating filament circuit. 2,346,654; Apr. 18.
Leutholt, Clifford J., Taylor, Pa., assignor to Marquette Metal Products Company, Cleveland, Ohio. Airfoil control. 2,343,986; Mar. 14.
Lev, Andrew J. (See Van Sittert, P., and Lev.)
Le Van, James O., assignor to Hamilton Watch Company, Lancaster, Pa. Processing crystalline structure. 2,355,877; Aug. 15.
Le Vasseur, Edward P. (See Grandjean, L. H., Le Vasseur, and Prats.)
Levelis, Emile, Montreal, Quebec, Canada. Level indicator. 2,353,911; July 18.
Levenberg, Merton H., Chicago, Ill. Lighting fixture construction. 2,349,102; May 16.
Levendusen, Arthur J., and W. J. Champion, assignors to Ditto, Incorporated, Chicago, Ill. Duplicating. 2,341,863; June 20.
Levenson, Bennett H., et al. (See McGillicuddy, Addeline J., assignor.)
Levesque, Bernard T., Wenham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Sewing machine. 2,352,274; June 27.
Levesque, Bernard T., Wenham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Sewing machine. 2,352,275; June 27.
Lever Bias Machine Corporation. (See Gardner, Percy, assignor.)
Lever Bias Machine Corporation. (See Gardner, P., and Kagan, assignors.)
Lever Brothers Company. (See Maxwell, B. L., and Atwood, assignors.)
Lever Brothers Company. (See Murphy, John F., assignor.)
Lever Brothers Company. (See Paterson, William J., assignor.)
Lever Brothers & Unilever Limited, et al. (See (Craig, R., assignor) and Harber.)
Levesque, Bernard T., Wenham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine for sewing shoes. 2,362,645; Nov. 14.
Levesque, Bernard T., Wenham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Sewing machine. 2,362,646; Nov. 14.
Leverett, Miles C., and G. G. Wrightsman, Houston, Tex., assignors to Standard Oil Development Company. Producing oil. 2,366,036; Dec. 26.
Levesque, Jean, Montreal, Quebec, Canada. Concentration and extraction of formic acid in aqueous solutions. 2,357,412; Sept. 5.
Levesque, Theodore J., assignor of one-third to B. Horvitz, and one-third to B. Prebluda, Fall River, Mass. Holder for bobbins in transfer mechanism. 2,355,506; Aug. 8.
Levey, Constance D., New Orleans, La. Molded materials. 2,347,697; May 2.
Levi, James H. (See Acord, John L., assignor.)
Levi, Leslie E., Bronx, assignor, by mesne assignments, to Ivel Corporation, New York, N. Y. Enclosure. 2,348,012; May 2.
Levier, John M., Anaheim, assignor to Oscar H. Levier, Arlington, Calif. Oil filter. 2,365,766; Dec. 26.
Levier, Oscar H. (See Levier, John M., assignor.)
Levin, Carl A., assignor to Teletype Corporation, Chicago, Ill. Printing telegraph apparatus. 2,352,643; July 4.
Levin, David. (See Bagley, T. J., and Levin.)
Levin, Eli H., Chicago, Ill. Container having a pouring spout. 2,348,140; May 2.
Levin, Joseph, Lancaster, Pa., assignor to Polan, Katz & Company, Baltimore, Md. Umbrella ferrule. 2,350,283; May 30.
Levin, Julius E., Chicago, Ill. Measuring pipe or the like. 2,362,907; Nov. 14.
Levin, Nathan. (See Rudd, W. C., and Levin.)
Levin, Nils D., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Loading machine. 2,353,051; July 4.
Levin, Nils D., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Loading machine. 2,353,052; July 4.
Levin, Nils D., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Clutch device. 2,362,647; Nov. 14.
Levine, Alfred D., Brookline, and A. Bosman, Revere, Mass. Shoe sole. 2,365,964; Dec. 26.
Levine, Irving E. (See Schultz, T. H., Levine, and Wellman.)
Levine, Samuel, Worcester, Mass. Shuttle drive. 2,365,090; Dec. 12.
Levine, Samuel J., Verona, N. J., assignor to General Electric Company. Oil burner unit. 2,359,567; Oct. 3.
Levinsen, Claus, Brooklyn, N. Y. Ventilator. 2,354,466; July 25.
Levinsen, Claus, Brooklyn, N. Y. Ventilator louver element. 2,364,378; Dec. 5.
Levit, Jacob D., Brooklyn, assignor to S. S. Rand, New York, N. Y. Liquid dispensing container. 2,349,665; May 23.
Levkoff, David, Brooklyn, N. Y. Double wall folding box. 2,341,928; Feb. 15.
Levkoff, David, assignor of one-fourth to E. G. Levkoff, one-fourth to H. S. Levkoff, and one-fourth to E. E. Levkoff, Brooklyn, N. Y. Folding box. 2,342,551; Feb. 22.
Levkoff, Edith R., et al. (See Levkoff, David, assignor.)
Levkoff, Evelyn G., et al. (See Levkoff, David, assignor.)
Levkoff, Henry S., et al. (See Levkoff, David assignor.)
Levoy, Louis G., Jr., Schenectady, N. Y., assignor to General Electric Company. Electric valve circuit. 2,359,130; Sept. 26.
Levy, Abraham, assignor to Fine Art Apron Co., Inc., New York, N. Y. Pillow cover. 2,357,789; Sept. 5.
Levy, Barnett, Belmont, assignor to A. L. Smith Iron Co., Chelsea, Mass. Housing for fluorescent lamps. 2,338,521; Jan. 4.
Levy, Barnett, Brookline, assignor to A. L. Smith Iron Co., Chelsea, Mass. Fixture for fluorescent tubes. 2,346,315; Apr. 11.
Levy, Julius, E. M. Moore, and H. Haves, Los Angeles, Calif. Telephone system. 2,344,623; Mar. 21.
Levy, Lionel, Toledo, Ohio. Shirt collar and cuff type of edge. 2,343,066; Feb. 29.
Levy, Ludwig, New York, N. Y. Razor blade sharpener. 2,351,438; June 13.
Levy, Maurice M., and A. S. Merritt, London, England, assignors to International Standard Electric Corporation, New York, N. Y. Holder for thermionic valves. 2,343,779; Mar. 7.
Levy, Meyer A., Newark, N. J. Diagnostic reagent and process. 2,342,409; Feb. 22.
Levy, René L., Paris, France, assignor to Societe D'Inventions Aeronautiques et Mecaniques S. I. A. M., Fribourg, Switzerland. Hydraulic control system. 2,365,091; Dec. 12.
Levyn, Joseph I., Brooklyn, N. Y. Window control device. 2,361,551; Oct. 31.
Lew, Gidale, Brooklyn, N. Y. Knockdown furniture. 2,355,541; Aug. 8.
Lewando, Felix J., assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor. 2,343,307; Mar. 7.
Lewando, Felix J., assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor. 2,361,216; Oct. 24.
Lewel Manufacturing Co. Inc. (See Welsch, Samuel L., assignor.)
Lewis, Arthur P., Fairhaven, Mass., assignor to United States Rubber Company, New York, N. Y. Apparatus for producing highly uniform sliver. 2,361,217; Oct. 24.
Lewis, Benjamin F., Bayside, and W. A. Malthaner, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,358,237; Sept. 12.
Lewis Bolt & Nut Company. (See Olson, Kenneth A., assignor.)
Lewis, Charles, London, England. Cinematographic camera. 2,343,015; Feb. 29.
Lewis, Earle B., assignor to E. O. Lewis, Southington Conn. Clarifier for oxidising solutions. 2,352,441; June 27.
Lewis, Edward Z., Evanston, Ill., assignor to General Manifold & Printing Co. Duplicating pad or pack. 2,363,601; Nov. 28.
Lewis, Ethel O. (See Lewis, Earle B., assignor.)
Lewis, Eugene C. (See Rynaland, M. J., and Lewis.)
Lewis, Everett V., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Yarn winding. 2,345,538; Mar. 28.
Lewis, Frank N., et al. (See Lewis, Thomas B., assignor.)
Lewis, Franklyn M., et al. (See MacMillan, Royal J., assignor.)
Lewis, Franklin W. (See Hodgkins, R. L., and Lewis.)
Lewis, Fred O., Dayton, Ohio. Removing combustion by-products from internal combustion engines. 2,347,492; Apr. 25.
Lewis, G. B., Company. (See Frater, Gordon G., assignor.)
Lewis, G. B., Company. (See Hawkins, Kennith, assignor.)

Lewis, Gilbert L., Kansas City, Mo. Portable laminator. 2,339,492; Jan. 18.
Lewis, Harold J., Alton, Ill., assignor to Shell Development Company, San Francisco, Calif. Extraction process. 2,361,780; Oct. 31.
Lewis, Howard B. (See Roy, K. H., Burns, Larson, and Lewis.)
Lewis, Howard B., assignor to Towlsaver, Inc., Los Angeles, Calif. Delayed action time control for mechanisms. 2,359,320; Oct. 3.
Lewis Invisible Stitch Machine Company. (See Stevenson, Geoffrey, assignor.)
Lewis Invisible Stitch Machine Company. (See Weissenberg, Curt H., assignor.)
Lewis, Jacob D., Yonkers, assignor to Otis Elevator Company, New York, N. Y. Load determining apparatus. 2,347,917; May 2.
Lewis, James A., assignor to Core Laboratories, Inc., Dallas, Tex. Determining permeability 2,348,085; May 16
Lewis, James C., assignor of one-half to L. M. Lister, Beverly Farms, Mass. Brake drum. 2,360,002; Oct. 10.
Lewis, James G., Falls Church, Va. Map making from aerial photographs. 2,364,082; Dec. 5.
Lewis, James T., Washington, D. C. Ash receiver. 2,338,653; Jan. 4.
Lewis, John D., Youngstown, Ohio, assignor to Carnegie-Illinois Steel Corporation. Adjustable mounting for liquid fuel burners. 2,358,982; Sept. 26.
Lewis, John O., Woodside, Long Island, assignor to Delta Nozzle Corp., New York, N. Y. Nozzle. 2,364,905; Dec. 12.
Lewis, John R., and L. B. and W. McG. Morgan, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Heat stable composition containing vinyl chloride polymers. 2,338,187; Jan. 4.
Lewis, John R., L. B. Morgan, and J. T. Watts, Manchester, England, assignors to Imperial Chemical Industries Limited. Production of polymeric vinyl materials with an improved resistance to water. 2,364,227; Dec. 5.
Lewis, John S., Frederick, Okla. Smoking pipe. 2,354,888; July 25.
Lewis, Kitty, Bridgeport, Conn. Holder and applicator for antiseptics. 2,338,448; Jan. 4.
Lewis, Leona W., Community Administratrix. (See Lewis, Thomas B.)
Lewis, Leroy M., Rosemont, Pa. Valve for fire preventive systems. 2,342,589; Feb. 22.
Lewis, Leroy M., Rosemont, Pa. Fire protective system. 2,352,843; July 4.
Lewis, Lloyd V. (See McCann, R. A., and Lewis.)
Lewis, Robert T., and R. I., Manchester, England. Production of photographic prints. 2,350,653; Oct. 3.
Lewis, Ross I. (See Lewis, Robert T. and R. I.)
Lewis-Shepard Company. (See Garbarino, Frank, assignor.)
Lewis-Shepard Company. (See Gfrorer, Albert H., assignor.)
Lewis-Shepard Company. (See Hastings, Russell, Jr., assignor.)
Lewis, Thomas B., deceased, Wichita Falls; L. W. Lewis, community administratrix, assignor of one-third to J. C. Davis, Jr., Fort Worth, and one-third to F. N. Lewis, Phillips, Tex. Derrick construction. 2,347,115; Apr. 18.
Lewis, Warner, Tulsa, Okla. Water separator. 2,363,009; Nov. 21.
Lewis, Warren J., assignor to The Ohio Brass Company, Mansfield, Ohio. Overhead trolley system. 2,360,064; Oct. 10.
Lewis, Warren K., Cambridge, Mass., assignor to Standard Oil Development Company. Reaction between solids and gases. 2,343,780; Mar. 7.
Lewis, Warren K., Newton, and E. R. Gilliland, Cambridge, Mass., assignors to Standard Oil Development Company. Reaction chamber. 2,357,901; Sept. 12.
Lewis, William B. (See Evjen, H. M., and Lewis.)
Lewis, William B., assignor to Nordel Corporation, Houston, Tex. Frequency converter system for geophysical prospecting. 2,342,676; Feb. 29.
Lewis, William D., Northridge, assignor to Timm Aircraft Corporation, Los Angeles, Calif. Multiple punch. 2,346,925; Apr. 18.
Lewis, William E., Portland, Oreg. Lithographic adapter for letter presses. 2,341,929; Feb. 15.
Lewis, William H., Los Angeles, Calif. Subgrader. 2,345,612; Apr. 4.
Lewis, William H., Los Angeles, Calif. Cement troweling machine. 2,362,490; Nov. 14.
Lewis, William H., Pittsburgh, Pa. Apparatus for separating slag. 2,360,065; Oct. 10.
Lewis, William L., Glendale, Calif., assignor to Hughes Tool Company, Houston, Tex. Mold for hollow bodies and constructing the mold. 2,356,860; Aug. 29.
Lewis, William L., and M. F. Hayes, Binghamton, assignors to International Business Machines Corporation, New York, N. Y. Record controlled machine. 2,338,188; Jan. 4.
Lewis, William L., Binghamton, and E. W. Gardinor, Conklin, assignors to International Business Machines Corporation, New York, N. Y. Card punching machine. 2,346,263; Apr. 11.
Lewon, Rubin. (See Abrahams, S. A., Lewon, and Collonge.)
Lewthwaite, Norman A., Port Townsend, Wash., assignor to Crown Zellerbach Corporation, San Francisco, Calif. Method and apparatus for recovering chemicals of sulphate paper pulp. 2,339,998; Jan. 25.
Libbey-Owens-Ford Glass Company. (See Balz, E. H., Kassay, and Williams, assignors.)
Libbey-Owens-Ford Glass Company. (See Cosgrove, Rex P., assignor.)
Libbey-Owens-Ford Glass Company. (See Dearing, William C., assignor.)
Libbey-Owens-Ford Glass Company. (See Dearing, W. C., and Meyer, assignors.)
Libbey-Owens-Ford Glass Company. (See Dieter, Walter G., assignor.)
Libbey-Owens-Ford Glass Company. (See Doner, Halbert C., assignor.)
Libbey-Owens-Ford Glass Company. (See Drake, John L., assignor.)
Libbey-Owens-Ford Glass Company. (See Hopfield, John J., assignor.)
Libbey-Owens-Ford Glass Company. (See Howald, A. M., and Meyer, assignors.)
Libbey-Owens-Ford Glass Company. (See Kassay, A. W., Balz, and Williams, assignors.)
Libbey-Owens-Ford Glass Company. (See Knight, Milton, assignor.)
Libbey-Owens-Ford Glass Company. (See Kunts, Harry A., assignor.)
Libbey-Owens-Ford Glass Company. (See Lowry, Clyde D., assignor.)
Libbey-Owens-Ford Glass Company. (See Murphy, F. R., and Bebout, assignors.)
Libbey-Owens-Ford Glass Company. (See Orser, H. G., and Bamford, assignors.)
Libbey-Owens-Ford Glass Company. (See Paddock, Ormond H., assignor.)
Libbey-Owens-Ford Glass Company. (See Peacock, William, assignor.)
Libbey-Owens-Ford Glass Company. (See Roesch, G. R., and White, assignors.)
Libbey-Owens-Ford Glass Company. (See Simons, John K., assignor.)
Libbey-Owens-Ford Glass Company. (See Walters, Emmett L., assignor.)
Libbey-Owens-Ford Glass Company. (See Wampler, Roy W., assignor.)
Libbey-Owens-Ford Glass Company. (See White, Gerald, assignor.)
Libbey-Owens-Ford Glass Company. (See Williams, Carl B., Jr., assignor.)
Libby, James W., Jr. (See Rossander, S. S., Libby, and Woodward.)
Libby, James W., Jr., Claymont, and J. H. Trepagnier, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilization of azo dyestuffs. 2,361,301; Oct. 24.
Libby, James W., Jr., Louisville, Ky., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coloring of textile fiber. 2,363,537; Nov. 28.
Libby, James W., Jr., Louisville, Ky., and H. E. Woodward, Penns Grove, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo pigments of the phthalocyanine series. 2,363,905; Nov. 28.
Libby, Jules L., Elgin, Ill. Combined illuminating and germicidal lamp and making the same. 2,362,384; Nov. 7.
Libby, Jules L., Elgin, Ill. Germicidal lamp. 2,362,385; Nov. 7.
Libby, Maurice, and H. Roth, Larchmont, N. Y., said Roth assignor to said Libby. Film mount and mounting. 2,338,189; Jan. 4.
Libby, Sarah R., New Haven, Conn. Disposable head and face covering. 2,366,037; Dec. 26.
Libby, Tyng M., Seattle, Wash. Electric wave generator. 2,341,632; Feb. 15.
Liberthson, Leo. (See Goldstein, H., and Liberthson.)
Liberthson, Leo, New York, N. Y., assignor to L. Sonneborn Sons, Inc. Solubilisation of petroleum hydrocarbons. 2,338,522; Jan. 4.
Liberthson, Leo, New York, N. Y., assignor to L. Sonneborn Sons, Inc. Petroleum sulphonate derivatives. 2,355,310; Aug. 8.
Liberty Cork Co. (See Piluso, Sebastian, assignor.)
Libman, Earl E., Schenectady, N. Y., assignor to General Electric Company. Variable speed transmission. 2,350,132; Sept. 26.
Libshutz, Irving and M., Baltimore, Md. Uniform cap. 2,354,759; Aug. 1.
Libshutz, Morris. (See Libshutz, Irving and M.)
Licata, Francis J., New York, N. Y., and J. Nothum, Elizabeth, assignors to National Oil Products Company, Harrison, N. J. Metallic soap composition. 2,350,688; June 6.
Lichte, August, Dessau-Alten, Germany; vested in the Alien Property Custodian. Governor. 2,350,781; June 6.
Lichten, Maurice A., West Orange, N. J. Liquid measurer. 2,363,602; Nov. 28.
Lichtenberg, Eric H., Milwaukee, Wis., assignor to The C. S. Johnson Company, Champaign, Ill. Clamshell bucket. 2,356,255; Aug. 22.

Lichtenberg, Erich H., assignor to Koehring Company, Milwaukee, Wis. Skip or hopper agitating and raising means. 2,344,312; Mar. 14.

Lichtenberg, Erich H., assignor to Koehring Company, Milwaukee, Wis. Front apron construction. 2,344,313; Mar. 14.

Lichtenstein, Leo, Chicago, Ill. Loose-leaf binder. 2,364,859; Dec. 12.

Lichtenthal, Sigmund, assignor to said Sigmund Lichtenthal and J. E. Hasson, Norwalk, Conn. Fur substitute and felt hat material. 2,348,079; May 2.

Lichter, Martin H., Honolulu, Hawaii. Bottle holder. 2,344,255; Mar. 14.

Lichtgarn, Fred, Wilmette, Ill. Electrical device. 2,358,406; Sept. 19.

Lichter, Samuel P., Kansas City, Mo. Wall covering fixture. 2,346,769; Apr. 18.

Lichter, Samuel P., Kansas City, Mo. Portable building unit. 2,361,899; Oct. 31.

Lichty, Joy G., Stow, assignor to Wingfoot Corporation, Akron, Ohio. Coating composition. 2,342,590; Feb. 22.

Lichty, Joy G., Stow, assignor to Wingfoot Corporation, Akron, Ohio. Preparation of diolefins. 2,343,830; Mar. 7.

Lichty, Joy G., Stow, assignor to Wingfoot Corporation, Akron, Ohio. Pyrolysis. 2,351,346; June 13.

Lichty, Joy G., Stow, assignor to Wingfoot Corporation, Akron, Ohio. Dithiocarbamic acid derivatives. 2,359,374; Oct. 3.

Lichty, Joy G., Stow, assignor to Wingfoot Corporation, Akron, Ohio. Alpha dichloro-beta monochloro-propionyl chloride. 2,361,552; Oct. 31.

Lichty, Joy G., Stow, and N. V. Seeger, Cuyahoga Falls, assignors to Wingfoot Corporation, Akron, Ohio. Preparing chemical compounds. 2,362,648; Nov. 14.

Liddon, William M. (See Randol, Glenn T., assignor.)

Lidgerwood Manufacturing Company. (See Benson, Melvin B., assignor.)

Lidgerwood Manufacturing Company. (See Binder, Charles F., assignor.)

Lidkea, Harvey J., Detroit, Mich., assignor to American Brake Shoe Company. Friction element. 2,354,389; July 25.

Lidov, Rex E., Portland, Oreg. Converting hydrocarbon oils. 2,340,814; Feb. 1.

Lidov, Rex E., Portland, Oreg. Apparatus for converting hydrocarbon oils. 2,340,815; Feb. 1.

Lidseen, Gustave, Chicago, Ill. Pump feed oilcan. 2,340,479; Feb. 1.

Lidseen, Gustave, Chicago, Ill. Force feed oilcan. 2,340,480; Feb. 1.

Lieber, Eugene. (See Miller, P., and Lieber.)

Lieber, Eugene, West New Brighton, Staten Island, N. Y., assignor to Standard Oil Development Company. Composition containing modified wax. 2,340,968; Feb. 8.

Lieber, Eugene, West New Brighton, N. Y., assignor to Standard Oil Development Company. Manufacturing lubricating oils. 2,341,454; Feb. 8.

Lieber, Eugene, West New Brighton, Staten Island, N. Y., assignor to Standard Oil Development Company. Condensation product and preparing and using same. 2,353,053; July 4.

Lieber, Eugene, West New Brighton, Staten Island, N. Y., and M. M. Sadlon, Roselle Park, N. J., assignors, by mesne assignments, to Standard Catalytic Company. Condensation product and preparing and using same. 2,339,493; Jan. 18.

Lieber, Eugene, West New Brighton, Staten Island, N. Y., and C. E. Hodges, Elizabeth, N. J., assignors to Standard Oil Development Company. Lubricating oil agent. 2,350,562; June 6.

Lieber, Eugene, West New Brighton, Staten Island, N. Y., and A. F. Cashman, Bayonne, N. J., assignors to Standard Oil Development Company. Lubricant. 2,358,581; Sept. 19.

Lieber, Eugene, West New Brighton, Staten Island, N. Y., and A. F. Cashman, Bayonne, N. J., assignors to Standard Oil Development Company. Lubricants. 2,363,880; Nov. 28.

Lieber, Eugene, West New Brighton, Staten Island, N. Y., and H. T. Rice, Roselle, N. J., assignors to Standard Oil Development Company. Condensation products and preparing and using same. 2,364,454; Dec. 5.

Lieber, Eugene, Staten Island, N. Y., assignor to Standard Oil Development Company. Lubricant composition. 2,344,886; Mar. 21.

Lieber, Eugene, Staten Island, N. Y., assignor to Standard Oil Development Company. Condensation product. 2,346,926; Apr. 18.

Lieber, Eugene, Staten Island, N. Y., and A. F. Cashman, Bayonne, N. J., assignors to Standard Oil Development Company. Lubricating oil composition, condensation product to be admixed therewith and its preparation. 2,341,453; Feb. 8.

Lieber, Eugene, Staten Island, N. Y., M. M. Sadlon, Roselle Park, and A. F. Cashman, Bayonne, N. J., assignors to Standard Oil Development Company. Lubricant and preparing same. 2,352,213; June 27.

Lieber, Hugo, deceased, New York, by Lieber Patents Corporation, Elmsford, N. Y., assignee. Bone conduction hearing-aid. Re. 22,499; June 20.

Lieber Patents Corporation. (See Lieber, Hugo, assignor.)

Lieberherr, Hans, assignor to Sulzer Frères, Société Anonyme, Winterthur, Switzerland. Two-shaft opposed piston internal combustion engine. 2,342,410; Feb. 22.

Lieberherr, Hans, assignor to Sulzer Frères, Société Anonyme, Winterthur, Switzerland. Cylinder liner for internal combustion engines. 2,346,927; Apr. 18.

Liebert, Herman R., assignor to Wingfoot Corporation, Akron, Ohio. Rigid airship. 2,365,827; Dec. 26.

Liebl, George, Fairlawn, N. J. Telescopic range finder. 2,344,887; Mar. 21.

Liebmann, August G., assignor of one-half to H. A. Blessing, Washington, D. C. Cartridge container machine. 2,346,691; Apr. 18.

Liebmann, August G., assignor of one-half to H. A. Blessing, Washington, D. C. Container making and filling machine. 2,352,645; July 4.

Liebmann, August G., assignor of one-half to H. A. Blessing, Washington, D. C. Making, packing, and sealing cartridge containers. 2,352,646; July 4.

Liebmann, Gerhard, assignor to Cathodeon Limited, Cambridge, England. Cathode ray tube. 2,362,908; Nov. 14.

Liebowitz, Benjamin. (See Jacob, Ezekiel J., assignor.)

Liebrecht, Heinrich F., London, England. Power and motion transmission system. 2,355,000; Aug. 1.

Liederbach, M. M. (See Vierling, Frank J., assignor.)

Liedholm, George E. (See Holt, B. M., and Liedholm.)

Liedholm, George E., Scarsdale, N. Y., assignor to Shell Development Company, San Francisco, Calif. Effecting catalytic conversions. 2,345,487; Mar. 28.

Lienau, Jacob H., New York, and J. J. Neuman, South Salem, N. Y. Automatic vacuum pan control. 2,343,464; Mar. 7.

Liermann, Orville, Manitowoc, Wis. Pneumatic tire. 2,344,827; Mar. 21.

Liese, Selig S. (See Warner, M. P., and Liese.)

Lietz, Gustav, Chemnitz, Germany; vested in the Alien Property Custodian. Greasing agent. 2,350,782; June 6.

Lifetime Truss Company. (See Lane, Frank B., assignor.)

Liggett, John T., Springfield, Ill., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Final drive casing brace. 2,349,100; May 16.

Ligh, David R., New Dorp, N. Y., assignor to Darli Industrial Management, Incorporated, Hartford, Conn. Optical system and method. 2,352,214; June 27.

Ligh, David R., New Dorp, and F. F. Ehrenhaft, Forest Hills, N. Y., assignors to Darli Industrial Management, Incorporated, Hartford, Conn. Universal joint. 2,354,467; July 25.

Light, David M., assignor to American Steel Foundries, Chicago, Ill. Car truck. 2,338,856; Jan. 11.

Light, David M., assignor to American Steel Foundries, Chicago, Ill. Railway car truck. 2,338,857; Jan. 11.

Light, David M., assignor to American Steel Foundries, Chicago, Ill. Brake hanger. 2,356,724; Aug. 22.

Light, David M., assignor to American Steel Foundries, Chicago, Ill. Friction device. 2,356,743; Aug. 29.

Light, David M., assignor to American Steel Foundries, Chicago, Ill. Spring group. 2,357,264; Aug. 29.

Light, David M., assignor to American Steel Foundries, Chicago, Ill. Truck. 2,365,199; Dec. 19.

Light, David R., Stamford, assignor to Darli Industrial Management, Incorporated, Hartford, Conn. Lubricating arrangement. 2,359,654; Oct. 3.

Light, Donald W., and A. D. Nute, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Finishing textiles with alkyd resin emulsions. 2,357,526; Sept. 5.

Light, George G., Kew Gardens, assignor to The Western Union Telegraph Company, New York, N. Y. Telegraph storage and switching system. 2,339,999; Jan. 25.

Light, George G., Kew Gardens, assignor to The Western Union Telegraph Company, New York, N. Y. Transmission system. 2,346,173; Apr. 11.

Light, George G., Kew Gardens, assignor to The Western Union Telegraph Company, New York, N. Y. Printing telegraph exchange system. 2,351,621; June 20.

Light, George S., Winsted, Conn. Dispenser. 2,361,111; Oct. 24.

Light, Philip H., Schenectady, N. Y., assignor to General Electric Company. Protection of alternating current electric power systems. 2,347,493; Apr. 25.

Light, Robert F., Mount Vernon, H. Kothe, Bronx, and C. N. Frey, Scarsdale, assignors to Standard Brands Incorporated, New York, N. Y. Extraction of sterols. 2,355,661; Aug. 15.

Lighter, Stephen, Milwaukee, Wis. Shirt and collar protector. 2,353,344; July 11.

Lightfoot, Edwin N., Wauwatosa, and T. F. Rosing, Whitefish Bay, assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Reversing rheostat. 2,363,132; Nov. 21.

Lighthipe, Charles H., Bloomfield, assignor to National Oil Products Company, Harrison, N. J. Sulphonation process. 2,344,154; Mar. 14.

Lighthipe, Charles H., Bloomfield, assignor to National Oil Products Company, Harrison, N. J. Composition for destroying foam and froth. 2,346,928; Apr. 18.

Lightner, Max W. (See Hodge, J. M., and Lightner.)

Lignian, Jean A., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Method of forming bearings. 2,338,858; Jan. 11.

Like, Ernest, assignor to The Selby Shoe Company, Portsmouth, Ohio. Sewing machine. 2,354,468; July 25.

Likely, Arthur H., Saint John, New Brunswick, Canada. Culvert structure. 2,354,527; July 25.

Lilienfeld, Eugene W., assignor to Jose Escalante & Company, Chicago, Ill. Cigar box. 2,339,933; Jan. 25.

Lilja, Albert E. (See Bayhi, M. J., and Lilja.)

Lilja, Edgar D., assignor to Barber-Colman Company, Rockford, Ill. Condition control. 2,344,991; Mar. 28.

Lilja, Edgar D., assignor to Barber-Colman Company, Rockford, Ill. Condition control. 2,365,709; Dec. 29.

Lilja, Edgar D., Rockford, Ill., and A. S. Norcross, Waban, Mass.; said Lilja assignor to Barber-Colman Company, Rockford, Ill. Control system. 2,358,338; Sept. 19.

Liljeqvist Sågblads-Och Redskapsfabrik, N Y A A. B. (See Wallgren, August G. F., assignor.)

Lilley, Daniel G., Denver, Colo. Variable pitch propeller. 2,346,979; Apr. 18.

Lilley, Samuel C., Hamden, and E. E. Foster, Southport, Conn., assignors to United Elastic Corporation, Easthampton, Mass. Knitted elastic fabric and producing the same. 2,345,055; Mar. 28.

Lillie, William, Liverpool, England. Advertising projection. 2,341,223; Feb. 8.

Lilliedahl, Oscar W. (See Logan, H. H., and Lilliedahl.)

Lillis, Stephen M. (See Bernstein, W. F., and Lillis.)

Liljquist, Torsten O., Clarendon Hills, Ill., assignor to General Motors Corporation, Detroit, Mich. Automatic transition control for generating electric tractor systems. 2,365,418; Dec. 19.

Lilly, Eli, and Company. (See Barnard, Robert D., assignor.)

Lilly, Eli, and Company. (See Elderfield, Robert C., assignor.)

Lilly, Eli, and Company. (See Elderfield, R. C., and Rubin, assignors.)

Lilly, Eli, and Company. (See Henze, Henry R., assignor.)

Lilly, Eli, and Company. (See Rockwell, George E., assignor.)

Lilly, Eli, and Company. (See Rohrmann, Ewald, assignor.)

Lilly, Eli, and Company. (See Shonle, H. A., and Rohrmann, assignors.)

Lilly, Eli, and Company. (See Stuart, Elmer H., assignor.)

Lilly, Scott H. (See Jeffery, Benjamin A., assignor.)

Lily-Tulip Cup Corporation. (See Johnson, Sixten I., assignor.)

Lily-Tulip Cup Corporation. (See Miller, Albert F., assignor.)

Lily-Tulip Cup Corporation. (See Terry, C. B., and Johnson, assignors.)

Lim, Peter, Los Angeles, Calif. Vehicle. 2,350,050; May 30.

Lima, Henry C., Flushing, N. Y., assignor of one-fourth to M. W. Davis, Bridgeport, Conn. Automatic loading and unloading device. 2,360,146; Oct. 10.

Lima Locomotive Works, Incorporated. (See Woodard, W. E., and (Filander, assignor).)

Limbert, John K., Waterloo, Iowa, and W. G. Brane and N. McClure, assignors to Central Fibre Products Company, Inc., Chicago, Ill. Shipping case. 2,340,394; Feb. 1.

Limbert, John K., Waterloo, assignor to Central Fibre Products Company Inc., Chicago, Ill. Shipping case. 2,351,825; June 20.

Limbert, Rollin J., assignor to Lee Rubber & Tire Corporation, Conshohocken, Pa. Catheter. 2,340,068; Jan. 25.

Limpel, Eugene J., assignor to A. O. Smith Corporation, Milwaukee, Wis. Induction heating. 2,352,332; June 27.

Limpert, Alexander S., et al., executors. (See Limpert, Sylvester A. and A. S.)

Limpert, Katherine, et al., executors. (See Limpert, Sylvester A. and A. S.)

Limpert, Sylvester A., deceased, by K. E. and A. S. Limpert, executors, and A. S. Limpert, Bay Shore, N. Y.; said executors assignors to K. E. Limpert. Rotary reciprocating compressor. Re. 22,526; Aug. 1.

Linch, Adrian L. (See Tinker, J. M., and Linch.)

Linch, Adrian L., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Quaternary ammonium derivatives. 2,359,862; Oct. 10.

Linch, Adrian L., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Organic quaternary ammonium derivatives. 2,359,863; Oct. 10.

Linch, Adrian L., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Addition products of a betaine acid halide and a basic amine. 2,359,864; Oct. 10.

Linch, Harry A., Westport, Conn., assignor to The Dorr Company, New York, N. Y. Sands-discharge valve. 2,340,246; Jan. 25.

Lincoln, Bert H. (See Davis, L. L., Lincoln, and Byrkit.)

Lincoln, Bert H., Ponca City, Okla., and G. D. Byrkit, Niagara Falls, N. Y., assignors to Continental Oil Company, Ponca City, Okla. Organic phosphorus compound bearing lubricant. Re. 22,448; Feb. 29.

Lincoln, Bert H., Ponca City, Okla., and G. D. Byrkit, Niagara Falls, N. Y., assignors to Continental Oil Company, Ponca City, Okla. Lubricant. 2,339,710; Jan. 18.

Lincoln, Bert H., G. D. Byrkit, and W. L. Steiner, Ponca City, Okla., assignors, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Synthetic lubricant. 2,340,247; Jan. 25.

Lincoln, Bert H., G. D. Byrkit, and W. L. Steiner, assignors to Continental Oil Company, Ponca City, Okla. Synthesis of sulphur-bearing derivatives of high molecular weight. 2,348,080; May 2.

Lincoln, Bert H., G. D. Byrkit, and W. L. Steiner, Ponca City, Okla., assignors, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Lubricating oil. 2,350,783; June 6.

Lincoln, Bert H., and W. L. Steiner, Ponca City, Okla., assignors, by mesne assignments, to The Lubri-Zol Development Corporation, Cleveland, Ohio. Lubricant. 2,353,169; July 11.

Lincoln, Bert H., and W. L. Steiner, Ponca City, Okla., assignors, by mesne assignments, to The Lubri-Zol Development Corporation, Cleveland, Ohio. Lubricant. 2,353,170; July 11.

Lincoln, Bert H., and W. L. Steiner, assignors to Continental Oil Company, Ponca City, Okla. Sulphurized oils. 2,357,211; Aug. 29.

Lincoln, Charles S., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Screen cloth tightening means. 2,338,523; Jan. 4.

Lincoln Electric Company, The. (See Lincoln, J. F., and Jerabek, assignors.)

Lincoln Electric Company, The. (See Peters, Vladimir, assignor.)

Lincoln Electric Company, The. (See Smith, Emmett A., assignor.)

Lincoln Engineering Company. (See Klein, Victor G., assignor.)

Lincoln Engineering Company. (See Rotter, L. C., and Klein, assignors.)

Lincoln Engineering Company. (See Rotter, L. C., Klein, and Schneller, assignors.)

Lincoln, G. W., Jr. (See Corley, Gale C., assignor.)

Lincoln, James F., Cleveland, and T. E. Jerabek, East Cleveland, assignors to The Lincoln Electric Company, Cleveland, Ohio. Arc welding. 2,345,758; Apr. 4.

Lincoln, John C. (See Freund, Morris, assignor.)

Lincoln, John C. (See Kronheim, Jacob, assignor.)

Lincoln, John C. (See Neely, William H., assignor.)

Lincoln, Roy B., deceased, Newark, N. J., by H. L. Lang, New York, N. Y., administratrix, assignor to Radio Corporation of America. Voltage supply circuit. 2,360,694; Oct. 17.

Lind, Alvin C. (See Bolen, E. P., and Lind.)

Lind, Alvin C., and A. Carlin, assignors to National Automotive Fibres, Inc., Detroit, Mich. Applying molding strips to trim panels. 2,362,909; Nov. 14.

Lind, Anders, Edsbyn, Sweden. Key-arrangement for fixing wooden tool handles. 2,340,248; Jan. 25.

Lind, Theodore F., St. Paul, Minn. Box. 2,365,887; Dec. 26.

Linda, Frank R. (See Belcher, D., and Linda.)

Lindahl, Stanley E. (See Nelson, Alex E., assignor.)

Lindberg-Nielsen, Mads. (See Petersen, O., and Lindberg-Nielsen.)

Lindberg, Oscar P., Elizabeth, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Material working tool. 2,355,451; Aug. 8.

Lindblad, Axel R., Stockholm, and J. D. Malmqvist, Boliden, assignors to Bolidens Gruvaktiebolag, Stockholm, Sweden. Damping device in gravimeters. 2,346,593; Apr. 11.

Lindblad, George L., Joliet, Ill. Facial cleaner. 2,347,355; Apr. 25.

Lindblad, Harald L., assignor to Mercury Cleaning Systems, Chicago, Ill. Filter for dry cleaning liquids. 2,358,238; Sept. 12.

Lindblom, Knut J. (See Rost, H. F., and Lindblom.)

Linde Air Products Company, The. (See Baird, Albert W., assignor.)

Linde Air Products Company, The. (See Barnes, M. H., Burch, and Edwards, assignors.)

Linde Air Products Company, The. (See Bliss, L. A., and Hansen.)

Linde Air Products Company, The. (See Boshkoff, George J., assignor.)

Linde Air Products Company, The. (See Bucknam, James H., assignor.)

Linde Air Products Company, The. (See Bucknam, J. H., and Clark, assignors.)

Linde Air Products Company, The. (See Bucknam, J. H., Miller, and Royer, assignors.)

Linde Air Products Company, The. (See Dana, L. I., and Zenner, assignors.)

Linde Air Products Company, The. (See De Motte, Maurice P., assignor.)

Linde Air Products Company, The. (See Dittrich, Alex E., assignor.)

Linde Air Products Company, The. (See Edwards, W. G., and McCandless, assignors.)

Linde Air Products Company, The. (See Gelbig, Frank C., assignor.)
Linde Air Products Company, The. (See Hansen, Odd A., assignor.)
Linde Air Products Company, The. (See Hasse, F. C., and Bernard, assignors.)
Linde Air Products Company, The. (See Johnson, Fred B., assignor.)
Linde Air Products Company, The. (See Jones, Homer W., assignor.)
Linde Air Products Company, The. (See Jones, H. W., and Jacobsson, assignors.)
Linde Air Products Company, The. (See Jones, Lloyd T., assignor.)
Linde Air Products Company, The. (See Kirk, Stanley B., assignor.)
Linde Air Products Company, The. (See Krats, John A., assignor.)
Linde Air Products Company, The. (See Lobosco, Rocoe R., assignor.)
Linde Air Products Company, The. (See Lytle, A. R., and Morton, assignors.)
Linde Air Products Company, The. (See McCandless, Edward L., assignor.)
Linde Air Products Company, The. (See Miller, Alfred J., assignor.)
Linde Air Products Company, The. (See Moss, H. H., and Patch, assignors.)
Linde Air Products Company, The. (See Pew, P. B., and Rice, assignors.)
Linde Air Products Company, The. (See Scheller, Arthur P., assignor.)
Linde Air Products Company, The. (See Scherl, Egon B., assignor.)
Linde Air Products Company, The. (See Shrubsall, Harry, assignor.)
Linde Air Products Company, The. (See Smith, George H., assignor.)
Linde Air Products Company, The. (See Walker, W. S., and Jacobsson, assignors.)
Linde Air Products Company, The. (See Young, L. W., and Deck, assignors.)
Linde Air Products Company, The. (See Young, L. W., James, and Rountree, assignors.)
Linde Air Products Company, The. (See Zenner, George H., assignor.)
Linde Air Products Company, The. (See Zenner, G. H., and Yendall, assignors.)
Lindegren, Carl J., Worcester, Mass. Pneumatic or hydraulic vise. 2,345,401; Mar. 28.
Lindell, Sigurd L., assignor to Schweitzer & Conrad, Inc., Chicago, Ill. Fuse construction. 2,357,747; Sept. 5.
Lindell, Sigurd L., assignor to Schweitzer & Conrad, Inc., Chicago, Ill. Electrical fuse. 2,361,638; Oct. 31.
Lindell, Sigurd L., and A. Van Ryan, assignors to Schweitzer & Conrad, Inc., Chicago, Ill. Switch construction. 2,351,826; June 20.
Lindemann, A. J., & Hoverson Company. (See Balcerzak, Edward C., assignor.)
Lindemann, A. J., & Hoverson Company. (See Stanchfield, Charles, assignor.)
Lindemann, George E., assignor to Republic Flow Meters Company, Chicago, Ill. Pressure responsive indicating instrument. 2,340,395; Feb. 1.
Lindenuth, Lewis B., Port Washington, N. Y., assignor, by mesne assignments, to Steel Ingot Production, Inc. Ingot mold. 2,358,171; Sept. 12.
Lindenuth, Lewis B., Port Washington, N. Y., assignor, by mesne assignments, to Steel Ingot Production, Inc. Method and composition for protecting ingot molds. 2,359,321; Oct. 3.
Linden, Carl E., Norwood, and R. H. McClellan, Hamilton, assignors to The Fosdick Machine Tool Company, Cincinnati, Ohio. Hydraulic gear shifting and driving system. 2,339,604; Jan. 18.
Linden, Carl E., Norwood, and R. H. McClellan, Hamilton, assignors to The Fosdick Machine Tool Company, Cincinnati, Ohio. Hydraulic gear shifting and driving system. 2,360,695; Oct. 17.
Linden, John F., Caledon, Ontario, Canada. Hoe. 2,351,136; June 13.
Linden, John F., Belmont, Ontario, Canada. File. 2,362,491; Nov. 14.
Lindenblad, Nils E., Rocky Point, N. Y., assignor to Radio Corporation of America. Antenna feed system. 2,341,408; Feb. 8.
Linder, Ernest G., Philadelphia, Pa., assignor to Radio Corporation of America. Resonant cavity oscillator. 2,347,577; Apr. 25.
Linder, Ernest G., Philadelphia, Pa., assignor to Radio Corporation of America. Resonant cavity magnetron. 2,340,986; May 16.
Linder, Ernest G., Philadelphia, Pa., assignor to Radio Corporation of America. Tunable resonant cavity device. 2,356,414; Aug. 22.
Linderfelt, Hal R., and C. E. Metheny, Oklahoma City, Okla. Tubing closure. 2,365,888; Dec. 26.
Linderman, Garrett B. Jr., Hagerstown, Md. Dust collector. 2,351,864; June 20.
Linderman, Garrett B., Jr., and D. L. Hibbard, U. S. Navy. Apparatus for estimating ranges. 2,352,644; July 4.
Linderme, Emil, Sr., Shaker Heights, assignor to The Linderme Tube Company, Euclid, Ohio. Tube drawing apparatus. 2,343,680; Mar. 7.
Linderme Tube Company, The. (See Linderme, Emil, Sr., assignor.)
Lindgren, Alexus C., Chicago, Ill., assignor to International Harvester Company. Tractor implement. 2,352,276; June 27.
Lindgren, Ellis, Geneva, Ill. Insulation cutting device. 2,356,328; Aug. 22.
Lindgren, Frank A., La Grange, assignor to Goodman Manufacturing Company, Chicago, Ill. Kerf-cutting machine. Re. 22,563; Nov. 21.
Lindgren, Hans O., Appelviken, Sweden, assignor to The De Laval Separator Company, New York, N. Y. Centrifugal separator. 2,344,888; Mar. 21.
Lindgren, Robert M., Detroit, Mich., assignor to Deep Wells, Inc. Gas eliminator. 2,363,343; Nov. 21.
Lindig, Frank J., Jr., St. Paul, Minn. Soil shredder and pulveriser. 2,353,836; July 18.
Lindley, Curtis, Jr., Empire, C. H. Goodyear, Stockton, and W. H. Thomas, San Francisco, Calif; said Goodyear and Thomas assignors to said Lindley. Packing structure and packing. 2,348,397; May 9.
Lindley, J Browett, (1931) Limited. (See Hutton, James, assignor.)
Lindmark, Johan G., Stockholm, Sweden. Vaporising burner for petroleum, methylated spirits, or the like. 2,340,000; Jan. 25.
Lindner, F. (See Lautenschläger, C. L., Lindner, Mager, and Bartholomäus.)
Lindner, Fritz. (See Lautenschläger, C. L., Lindner, and Mager.)
Lindquist, Carl G. (See Swan, D. R., and Lindquist.)
Lindros, Hjalmer C., assignor to Art Metal Construction Company, Jamestown, N. J. Book file. 2,348,914; May 16.
Lindsay, Alexander R., Detroit, Mich., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Vehicle body, especially driver's cab. 2,358,172; Sept. 12.
Lindsay, Charles H., assignor to American-La France-Foamite Corporation, Elmira, N. Y. Fire extinguisher. 2,345,759; Apr. 4.
Lindsay, Fred H. (See Landers, A. D., and Lindsay.)
Lindsay, Frederick K., La Grange, and B. F. Willey, assignors to National Aluminate Corporation, Chicago, Ill. Sodium aluminate product and producing the same. 2,345,134; Mar. 28.
Lindsay, Harvey B., Evanston, assignor to Lindsay & Lindsay, Chicago, Ill. Prefabricated structure for containers and the like. 2,364,083; Dec. 5.
Lindsay & Lindsay. (See Lindsay, Harvey B., assignor.)
Lindsay, Lynn G., Chicago, Ill. Water softening apparatus. 2,347,201; Apr. 25.
Lindsay, Lynn G., Chicago, Ill. Multiple port valve. 2,347,202; Apr. 25.
Lindsay, Lynn G., Chicago, Ill. Multiple port valve. 2,347,203; Apr. 25.
Lindsay, Lynn G., Chicago, Ill. Multiple port valve. 2,347,204; Apr. 25.
Lindsay, Maxwell H. A., Summit, N. J., and K. Woloschak, New York, N. Y., assignors to American District Telegraph Company, Jersey City, N. J. Alarm system. 2,343,987; Mar. 14.
Lindsay Ripe Olive Company. (See Drake, E. P., Alberty, and Kagley.)
Lindsay, Wesley N., Jackson Heights, N. Y. Acetylating starch. 2,362,282; Nov. 7.
Lindsey, Ernest E., Los Angeles, assignor of one-half to Elmer H. Berryman, San Francisco, Calif. Homogenizing and heat-treating fluids. 2,353,912; July 18.
Lindsey, Henri A., III, and H. G. Long, assignors to Allied Plastics Corporations, Los Angeles, Calif. Holder for lipsticks and the like. 2,359,865; Oct. 10.
Lindsey, Roy B., Phoenix, and G. Frock, Glendale, assignors of one-third to H. J. Mauler, Phoenix, Ariz. Standard. 2,361,781; Oct. 31.
Lindsey, William L., and H. Wilson, Fort Benning, Ga. Aerial delivery container. 2,345,609; Apr. 4.
Lindsey, William L., and H. Wilson, Fort Benning, Ga. Aerial delivery container for paratroops. 2,347,205; Apr. 25.
Lindskog, Segfrid J., Los Angeles, Calif. Lawn renovating machine. 2,353,345; July 11.
Lindsley, John V., Miami, Fla. Wooden door structure. 2,353,573; July 11.
Lindstrom, Charles M., East Greenwich, assignor to Boston Wire Stitcher Company, Warwick, R. I. Fastener-applying implement. 2,364,760; Aug. 1.
Lindstrom, Ture. (See Grissinger, G. G., and Lindstrom.)
Lindstrom, Ture. (See May, J. W., and Lindstrom.)
Lindstrom, Ture, Edgewood, and P. O. Langguth, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,349,631; May 23.
Line Material Company. (See Behlmer, Henry B., assignor.)
Line Material Company. (See Brown, Chester W., assignor.)
Line Material Company. (See Earle, R. H., and Steinmayer, assignors.)
Line Material Company. (See Kyle, W. D., and Brown, assignors.)

Line Material Company. (See Lehman, E. J., Wiegand, and Fenwick, assignors.)
Line Material Company. (See Lemont, Clarence J., assignor.)
Line Material Company. (See Link, Edwin A., assignor.)
Line Material Company. (See Nelson, Rolland D., assignor.)
Line Material Company. (See Ruggieri, Michael, assignor.)
Line Material Company. (See Runke, Glenn R., assignor.)
Line Material Company. (See Schultz, William O., assignor.)
Line Material Company. (See Schultz, W. O., and Steinmayer, assignors.)
Line Material Company. (See Steinmayer, Alwin G., assignor.)
Line Material Company. (See Steinmayer, A. G., and Fenwick, assignors.)
Line Material Company. (See Steinmayer, A. G., and Schultz, assignors.)
Linen Guild, Inc. (See Thorne, Ward, assignor.)
Lines, Arthur A., Marion, Ind. Vise. 2,345,708; Apr. 4.
Lines, William, Yonkers, N. Y. Airplane toy. 2,346,850; Apr. 18.
Linford, Henry B. (See Phillips, A. J., and Linford.)
Lingel, Frederick J. (See Klay, G. H., and Lingel.)
Lingel, Frederick J., assignor to The Triplett Electrical Instrument Co., Bluffton, Ohio. Electrical measuring instrument. 2,338,694; Jan. 4.
Lingel, Frederick J., assignor to Ray L. Triplett, Bluffton, Ohio. Electrical testing apparatus. 2,338,695; Jan. 4.
Lingel, Frederick J., assignor to The Liquidometer Corporation, Long Island City, N. Y. Electrical translating instrument. 2,339,021; Jan. 11.
Lingel, Frederick J., assignor to The Triplett Electrical Instrument Company, Bluffton, Ohio. Electrical measuring device. 2,342,947; Feb. 29.
Lingel, Frederick J., assignor to R. L. Triplett, Bluffton, Ohio. Electrical measuring instrument. 2,346,495; Apr. 11.
Lingenbrink, Hermann E. F. C., Hilltown, assignor to William Sellers & Company, Incorporated, Philadelphia, Pa. Injector. 2,340,671; Feb. 1.
Lingerfelt, Granville E., and E. B. Trout, Los Angeles, Calif; said Trout assignor to said Lingerfelt. Apparatus for sorting rivets. 2,354,419; July 25.
Linhardt, Charles, Jr., Baltimore, Md. Electric water light. 2,355,982; Aug. 15.
Link Aviation Devices, Inc. (See Link, E. A., and Kail, assignors.)
Link Aviation Devices, Inc. (See Link, E. A., Jr., and Marsh, assignors.)
Link Aviation Devices, Inc. (See Lowkrantz, Gunne, assignor.)
Link Aviation Devices, Inc. (See Lowkrants, G., and Link, assignors.)
Link Aviation Devices, Inc. (See Marsh, Harold A., assignor.)
Link-Belt Company. (See Davis, Nelson L., assignor.)
Link-Belt Company. (See Strube, Harry L., assignor.)
Link-Belt Speeder Corporation. (See Ekbom, H. N., and Crow, assignors.)
Link, Edwin A., Binghamton, N. Y. Celestial navigation trainer. 2,364,539; Dec. 5.
Link, Edwin A., assignor to Line Material Company, South Milwaukee, Wis. Switch construction. 2,360,431; Oct. 17.
Link, Edwin A., Binghamton, N. Y., and K. A. Kail, Montrose, Pa., assignors to Link Aviation Devices, Inc., Binghamton, N. Y. Aviation trainer. 2,358,016; Sept. 12.
Link, Edwin A., Jr. (See Lowkrants, G., and Link.)
Link, Edwin A., Jr., and H. A. Marsh, assignors to Link Aviation Devices, Inc., Binghamton, N. Y. Navigation instrument. 2,359,484; Oct. 3.
Link, Harry W., Merion, Pa., assignor to The Baldwin Locomotive Works. Mechanical limit stop. 2,356,861; Aug. 29.
Link, Jakob, and G. Jaccard, Basel, assignors to the firm Sandoz Ltd., Fribourg, Switzerland. Softening textiles. 2,359,043; Sept. 26.
Link, Karl P. (See Stahmann, M. A., and Link.)
Link, William H., San Diego, Calif. Oil burner. 2,345,823; Apr. 4.
Linke, Francis J., Elmira, N. Y. Brake for wheels. 2,347,571; Apr. 25.
Linke, Johannes, Berlin-Tegel, and A. Schneider, Dusseldorf, Germany; vested in the Alien Property Custodian. Embrasure shutter for airplane combat hoods. 2,338,950; Jan. 11.
Linkner, Edward H., Kenmore, N. Y., assignor to Curtiss-Wright Corporation. Sorting machine. 2,355,311; Aug. 8.
Linkowski, Herman, assignor to Goodman Manufacturing Company, Chicago, Ill. Shaker conveyer. 2,355,452; Aug. 8.
Links, Julian A., and J. P. Herst, assignors of one-half to M. J. Hirsch, San Francisco, Calif. Motion picture projecting apparatus. 2,342,874; Feb. 29.
Linlor, William I., Scotia, N. Y., assignor to General Electric Company. Spark discharge device. 2,361,218; Oct. 24.
Linn, Carl B., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Alkylation of isoparaffins. 2,342,677; Feb. 29.
Linn, James G., West Allis, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Regulating system. 2,341,505; Feb. 8.
Linn Manufacturing Corporation. (See Sloan, Philip W., assignor.)
Linn, Norman F., Roselle Park, N. J., assignor to Standard Oil Development Company. Feed device. 2,347,271; Apr. 25.
Linneman, Richard H. (See Grimm, W. C., and Linneman.)
Linney, Robert J., Port Henry, N. Y. Magnetic separator. 2,356,463; Aug. 22.
Linotone Corporation. (See Stead, Frank A., assignor.)
Linotype and Machinery Limited. (See Gerrard, W., and Harris, assignors.)
Linse, Harry J., Stamford, Conn. Testing pneumatic tire casings. 2,345,679; Apr. 4.
Linsenmeyer, John Z., and L. C. Poole, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Fault-responsive control system for strand working machines. 2,352,647; July 4.
Linsley, Scott E., St. Paul, Minn. Treatment of sewage. 2,365,889; Dec. 26.
Linz, Arthur, assignor to Climax Molybdenum Company, New York, N. Y. Producing tungsten alloys. 2,346,382; Apr. 11.
Linzell, Harry K., Long Lake, assignor to United States Gypsum Company, Chicago, Ill. Compressed cellulosic product and making same. 2,348,081; May 2.
Lipe-Rollway Corporation. (See Mariotte, Eugene S., assignor.)
Lipe-Rollway Corporation. (See Spase, Charles B., assignor.)
Lipe, W. C., Inc. (See Mariotte, Eugene S., assignor.)
Lipet, James, Providence, R. I. Receptacle. 2,341,930; Feb. 15.
Lipman, Lewis. (See Gilbert, Howard E., assignor.)
Lipow, John J., et al. (See Schufftan, Eugen, assignor.)
Lipp, Elmer L. (See Helbush, H. H., and Lipp.)
Lipp, Elmer L., Glendale, assignor to H. H. Helbush, Los Angeles, Calif. Skin clamp. 2,349,872; May 30.
Lipp, Elmer L., Glendale, assignor, by mesne assignments, to H. H. Helbush, Beverly Hills, Calif. Clamp applying tool. 2,352,722; July 4.
Lippincott, Morss, et al. (See Peck, Robert E., assignor.)
Lippincott, Samuel B., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Alkanedione dioximes. 2,340,271; Jan. 25.
Lippincott, Samuel B., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Separating gas mixtures. 2,346,441; Apr. 11.
Lippitt, Harry R., New York, N. Y. Electric sphygmometer. 2,354,818; Aug. 1.
Lippman, Harry E., Lakewood, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Lighting control system. 2,345,135; Mar. 28.
Lippmann, Daniel C., Glenbrook, Conn., assignor to Celanese Corporation of America. Wearing apparel. 2,360,953; Oct. 24.
Lippold, Adolph J. (See Weinreich, C. F., and Lippold.)
Lipschitz, Werner L., Pearl River, assignor to Lederle Laboratories, Inc., New York, N. Y. Antiacid composition. 2,362,386; Nov. 7.
Lipsius, Samuel, New York, N. Y. Coating process. 2,355,919; Aug. 15.
Lipsky, Jean, Userche, France; vested in the Alien Property Custodian. Canal lock for dry docks and other basins. 2,356,523; Aug. 22.
Lipstock, Alexander J., assignor to The Industrial Home for the Blind, Brooklyn, N. Y. Mop. 2,364,800; Dec. 12.
Lipton, Sarah. (See Brill, R. L., and Lipton.)
Liquid Carbonic Corporation, The. (See Becker, Ernest R., assignor.)
Liquid Carbonic Corporation, The. (See Columbe, Thomas A., assignor.)
Liquid Carbonic Corporation, The, et al. (See Goddard, M. B., and Oeler, assignors.)
Liquid Carbonic Corporation, The. (See Goddeau, Guy F., assignor.)
Liquid Carbonic Corporation, The. (See Kantor, James, assignor.)
Liquidometer Corporation, The. (See De Giers, Clarence A., assignor.)
Liquidometer Corporation, The. (See de Giers, C. A., and Wickesser, assignors.)
Liquidometer Corporation, The. (See Lingel, Frederick J., assignor.)
Liquilock, Inc. (See Stonebraker, Lyndon G., assignor.)
Lisi, Giuseppe, Rome, Italy; vested in the Alien Property Custodian. Control device for varying the speed of parachutes during the descent. 2,342,287; Feb. 22.
Lisle, Charles V. (See Olson, C. A., Lisle, and Brooks.)
Lisle Corporation. (See Brooks, Thomas E., assignor.)
Lisle Corporation. (See Olson, C. A., Lisle, and Brooks, assignors.)
Liss, August S., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Article working and assembling apparatus. 2,353,054; July 4.

Lisenker, Arthur W., and J. Credo, Louisville, Ky., assignors to Citrus Processes Company, Inc., Orlando, Fla. Production of citrous feed. 2,362,014; Nov. 7.

Lissiansky, Alexander, New York, assignor to International Mutoscope Corporation, Long Island City, N. Y. Machine for recording and dispensing phonograph records. 2,342,411; Feb. 22.

Liesman, Marcel A., Temple City, Calif. Amplifier circuit. 2,338,342; Jan. 4.

Lister-Blackstone, Inc. (See Hill, Harold E., assignor.)

Lister and Company, Limited. (See Garner, Walter, assignor.)

Lister, Donald A., Brunswick, Ga., assignor to Hercules Powder Company, Wilmington, Del. Oleoresin treatment. 2,340,872; Feb. 1.

Lister, Donald E., assignor of one-half to K. Louton, and one-half to G. O'Day, Des Plaines, Ill. Copyholder. 2,340,969; Feb. 8.

Lister, Leward M. (See Lewis, James C., assignor.)

Lister, Thomas R., Whiting, Ind., assignor to American Smelting and Refining Company, New York, N. Y. Apparatus for refining metals and alloys. 2,349,972; May 30.

Liston, William P., Richmond, Calif. Flange spreader. 2,350,404; June 6.

Lisy, John, Cleveland, Ohio, assignor to The American Steel and Wire Company of New Jersey. Uncoiling device. 2,349,873; May 30.

Litka, William A., Rialto, Calif. Car washer. 2,350,469; June 6.

Litschert, Ralph A., Winchester, Ind. Telescopic sight. 2,350,384; Aug. 8.

Littell, F. J., Machine Company. (See Budlong, Simeon, assignor.)

Littell, F. J., Machine Company. (See Littell, Frederick M., assignor.)

Littell, Frederick M., Detroit, Mich., assignor to F. J. Littell Machine Company, Chicago, Ill. Scrap cutter. 2,349,874; May 30.

Littell, Frederick M., Detroit, Mich., assignor to F. J. Littell Machine Company, Chicago, Ill. Coil catcher for cradle reels. 2,352,959; July 4.

Little, Arthur D., Inc. (See Buerger, Martin J., assignor.)

Little, Arthur D., Inc. (See Harford, Charles G., assignor.)

Little, Arthur D., Inc. (See Kleinschmidt, Robert V., assignor.)

Little, Charles K., Vicksburg, Miss. Hydraulic dredging apparatus. 2,352,394; June 27.

Little, Charles W. G., deceased, Enfield, by Barclays Bank Limited, London, executor, assignor to F. S. Lowe, Shiplake, Henley-on-Thames, England. Stropping device for safety razor blades. 2,350,241; May 30.

Little, John B., New York, and V. L. Ronci, Brooklyn, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,342,412; Feb. 22.

Little, John S., Westfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for molding. 2,347,421; Apr. 25.

Little, Julius G., assignor to Hercules Powder Company, Wilmington, Del. Textile fiber and producing. 2,343,308; Mar. 7.

Little, Julius G., assignor to Hercules Powder Company, Wilmington, Del. Textile fiber and producing. 2,348,552; May 9.

Little, Julius G., assignor to Hercules Powder Company, Wilmington, Del. Adhesive composition. 2,361,302; Oct. 24.

Little, Royal, Providence, R. I., assignor to Textron Incorporated. Parachute. 2,358,582; Sept. 19.

Littlefield, Glenn C., assignor of one-half to M. H. Littlefield, and one-half to J. P. Mayo, Monterey, Calif. Runway for airports and the like and making same. 2,351,273; June 13.

Littlefield, Mary H., et al. (See Littlefield, Glenn C., assignor.)

Littleford Brothers, Incorporated. (See Bayer, August H., assignor.)

Littleton, Jesse T., and R. K. Day, assignors to Corning Glass Works, Corning, N. Y. Tempering glass articles. 2,347,116; Apr. 18.

Littman, Zeno, New York, N. Y. Power transmitting means. 2,362,910; Nov. 14.

Littmann, Martin, assignor to Cutanit Limited, Buxton, England. Cutting tool. 2,365,965; Dec. 26.

Litton, Charles V., Redwood City, Calif., assignor to International Standard Electric Corporation, New York, N. Y. Power tube structure. 2,346,929; Apr. 18.

Litton, Charles V., Redwood City, Calif., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Electron discharge device. 2,359,769; Oct. 10.

Litton, Charles V., Redwood City, Calif., assignor to International Standard Electric Corporation, New York, N. Y. Ultra-high-frequency receiver. 2,362,209; Nov. 7.

Litton, Charles V., Redwood City, Calif., assignor to International Standard Electric Corporation, New York, N. Y. Liquid cooling of high temperature bodies. 2,362,911; Nov. 14.

Litty, John R., Philadelphia, Pa. Apparatus for coating articles. 2,349,579; May 23.

Livak, John E., assignor to The Dow Chemical Company, Midland, Mich. Production of indole. 2,365,966; Dec. 26.

Livak, John E., and C. D. Carlson, assignors to The Dow Chemical Company, Midland, Mich. Halogenation of acyl anilides. 2,359,227; Sept. 26.

Livar, Allen P., Dayton, Ohio, assignor to Chrysler Corporation, Detroit, Mich. Air deflector for air ducts. 2,350,514; June 6.

Livar, Allen P., Dayton, Ohio, assignor to Chrysler Corporation, Detroit, Mich. Safety pilot. 2,355,878; Aug. 15.

Livar, Allen P., Dayton, Ohio, assignor to Chrysler Corporation, Detroit, Mich. Oil burner. 2,360,503; Oct. 17.

Lively, George, assignor of one-half to H. D. Tanner, Farmington, N. Mex. Vehicle spring suspension. 2,348,485; May 9.

Livenick, Edward D., Chicago, Ill. Hasp for padlocks. 2,363,344; Nov. 21.

Livermon, Carl R., Roxobel, N. C. Trailer for boats. 2,361,951; Nov. 7.

Livermon, Carl R., Roxobel, N. C. Feeder. 2,362,492; Nov. 14.

Livermont, Frank W., Glendale, assignor of one-half to R. A. Livingston, Los Angeles, Calif. Die. 2,353,253; July 11.

Livingston, Harold A., Hollywood, Calif. Perpetual inventory device. 2,365,283; Dec. 19.

Livingston, John W., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Speed responsive device. 2,338,859; Jan. 11.

Livingston, John W., Milwaukee, Wis., assignor to The Union Switch and Signal Company, Swissvale, Pa. Electrical switch. 2,347,834; May 2.

Livingston, Norman G. (See Kuch, M. G. Petersen, Hartwig, and Livingston.)

Livingston, Orrin W., Scotia, N. Y., assignor to General Electric Company. Electric control circuit. 2,348,553; May 9.

Livingston, Orrin W., Scotia, N. Y., assignor to General Electric Company. Electric valve oscillator. 2,351,439; June 13.

Livingston, Orrin W., Scotia, N. Y., assignor to General Electric Company. Electric valve circuit. 2,355,453; Aug. 8.

Livingston, Orrin W., Scotia, N. Y., assignor to General Electric Company. Electric valve control circuits. 2,366,038; Dec. 26.

Livingston, Richard A. (See Livermont, Frank W., assignor.)

Livoti, Charles. (See Livoti, C., and (Hurst assignor).)

Livoti, Charles, Roseville, Calif. Olive press. 2,343,871; Mar. 14.

Livoti, Charles, Roseville, and G. L. Hurst, San Francisco, Calif., said Hurst assignor to said Livoti. Loader and handling trays including the loading thereof with olive pulp for pressing. 2,361,219; Oct. 24.

Liwschitz, Michael, Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electromagnetic coupling. 2,359,133; Sept. 26.

Lizeray, Ernest L. V. E., Paris, France; vested in the Alien Property Custodian. Fermentationless conservation of fruits, grapes, and greens-juices. 2,361,695; Oct. 31.

Ljungdahl, Oskar B., Stockholm, Sweden. Pump, compressor, motor, or the like. 2,258,721; Sept. 19.

Ljungkull, Rolf E., assignor to American Hoist & Derrick Company, St. Paul, Minn. Material handling apparatus. 2,352,395; June 27.

Ljungstrom, Fredrik, Lidingo, assignor to Aktiebolaget Bolinder-Munktell, Eskilstuna, Sweden. Starting device for internal combustion motors. 2,341,633; Feb. 15.

Llewellyn, John B., Fair Oak, assignor of one-half to Mellowes and Company Limited, Sheffield, County of York, England. Roofing support. 2,361,112; Oct. 24.

Lloyd, Arthur H., assignor to Alfred Herbert Limited, Coventry, England. Manufacture of screw-threading taps. 2,346,851; Apr. 18.

Lloyd, Arthur H., assignor to Alfred Herbert Limited, Coventry, England. Actuation of change-speed gearing, particularly for machine tools. 2,365,571; Dec. 19.

Lloyd, Burt E., Milford, Pa. Clothes support. 2,364,860; Dec. 12.

Lloyd, George G. (See Jantek, F., and Lloyd.)

Lloyd, Harry C., Syracuse, N. Y. Apparatus for burning liquid fuels. 2,344,439; Mar. 14.

Lloyd, Nicholas P., Wynnewood, Pa. Setting gauge for cutting tools. 2,343,309; Mar. 7.

Lloyd, Nicholas P., Wynnewood, Pa. Automatic lathe. 2,343,914; Mar. 14.

Lloyd, Nicholas P., Wynnewood, Pa. Toolholder. 2,360,567; Oct. 17.

Lloyd, Ralph B., Los Angeles, Calif. Apparatus for starting flow in wells. 2,340,481; Feb. 1.

Lloyd, Randall E., Schenectady, N. Y., assignor to General Electric Company. Circuit maker and breaker. 2,341,931; Feb. 15.

Lloyd, Robert L. (See Buchanan, B. F., and Lloyd.)

Lloyd, Robert L., Laurelton, and P. H. Prentiss, Kenmore, N. Y., assignors to American Maize-Products Company. Cream filler. 2,359,228; Sept. 26.

Lloyd, William D., et al. (See Harmon, Luther R., assignor.)

Loane, Clarence M. (See Gaynor, J. W., and Loane.)

Loane, Clarence M., Hammond, Ind., and J. W. Gaynor, assignors to Standard Oil Company, Chicago, Ill. Lubricant. 2,353,837; July 18.

Loane, Clarence M., Hammond, Ind., and J. W. Gaynor, assignors to Standard Oil Company, Chicago, Ill. Alkylation agent for lubricants. 2,363,133; Nov. 21.

Lobanoff, Valemteen S., Los Angeles, assignor to Byron Jackson Co., Huntington Park, Calif. Double casing pump. 2,343,511; Mar. 7.

Lobdell, Lucius, Rockford, Ill. Changeable exhibitor. 2,345,709; Apr. 4.

Lobdell, Prentiss, Elizabeth, and G. L. Mateer, Roselle, N. J., assignors to Standard Oil Development Company. Catalytic alkylation process. 2,346,770; Apr. 18.

Lobel, Joseph, Bronx, N. Y. Automatic telephone dial system. 2,363,428; Nov. 21.

Lobelle, Marcel J. O., assignor to Messrs. R. Malcolm Limited, Slough, England. Towing or suspending and releasing device. 2,342,351; Feb. 22.

Lobelle, Marcel J. O., assignor to Messrs. R. Malcolm Limited, Slough, England. Guiding and releasing device for sliding hoods of airplanes. 2,361,113; Oct. 24.

Lobl, Frederick, Middleboro, Mass. Ice bag and closure therefor. 2,343,512; Mar. 7.

Lobosco, Roscoe R., Elizabeth, N. J., assignor to The Linde Air Products Company. Automatic electric control system. 2,362,569; Nov. 14.

Lochhead, John L., Springfield, Mass. Collapsible stock for firearms. 2,360,881; Oct. 24.

Lock, Frank, Philadelphia, Pa., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Hoist. 2,348,987; May 16.

Lock, Frank, Philadelphia, Pa., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Hoist. 2,353,479; July 11.

Lock Insulator Corporation. (See Rowland, D. H., and Croskey, assignors.)

Lock Joint Pipe Company. (See Brend, William R., assignor.)

Lock Joint Pipe Company. (See Trickey, William W., assignor.)

Lock Joint Pipe Company. (See Trickey, W. W., and Wilhelm, assignors.)

Lock Joint Pipe Company. (See Wills, Barton, assignor.)

Locke, Burton H., Framingham, Mass. Variable speed transmission. 2,359,526; Oct. 3.

Locke, Charles L., assignor, by mesne assignments, to Guaranty Container Corporation, Indianapolis, Ind. Bottle shipping case. 2,341,150; Feb. 8.

Locke, Edwin A., Jr., Quincy, Mass., assignor to The Nevins-Church Press, New York, N. Y. Blade container. 2,361,852; Oct. 31.

Locke, George A. (See Dahlbom, C. A., Kinkead, and Locke.)

Locke Insulator Corporation. (See Bettini, David J., assignor.)

Locke Insulator Corporation. (See Skipper, Edward M., assignor.)

Locke, Roy C., Salem, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Spirit printing composition. 2,343,781; Mar. 7.

Locke Stove Company. (See Esson, Edwin, assignor.)

Locke, William B., assignor to Ex-Cell-O Corporation, Detroit, Mich. Dressing mechanism. 2,340,192; Jan. 25.

Locke, William G., Needham, assignor to Dennison Manufacturing Company, Framingham, Mass. Stamp envelope. 2,341,634; Feb. 15.

Lockhart, Lee M., Los Angeles, Calif. Musical instruction device. 2,338,816; Jan. 11.

Lockhart, Marshall L., Ossining, N. Y. Starting mechanism for internal combustion engines. 2,343,195; Feb. 29.

Lockhead, George A., Tekamah, Nebr. Variable speed transmission. 2,342,741; Feb. 29.

Lockheed Aircraft Corporation. (See Ashton, Willard A., assignor.)

Lockheed Aircraft Corporation. (See Bailey, Robert A., assignor.)

Lockheed Aircraft Corporation. (See Beed, Carl F., assignor.)

Lockheed Aircraft Corporation. (See Bloomfield, John J., assignor.)

Lockheed Aircraft Corporation. (See Corte, Alfred, assignor.)

Lockheed Aircraft Corporation. (See Corte, A., and Browder, assignors.)

Lockheed Aircraft Corporation. (See Hayman, Richard L., assignor.)

Lockheed Aircraft Corporation. (See Holcomb, William R., assignor.)

Lockheed Aircraft Corporation. (See Howland, Walter L., assignor.)

Lockheed Aircraft Corporation. (See Jarvis, Francis G., assignor.)

Lockheed Aircraft Corporation. (See Kennedy, R., and Hill, assignors.)

Lockheed Aircraft Corporation. (See McClain, Thomas H., assignor.)

Lockheed Aircraft Corporation. (See Price, Nathan C., assignor.)

Lockheed Aircraft Corporation. (See Rempt, Henry F., assignor.)

Lockheed Aircraft Corporation. (See Richter, Elvin O., assignor.)

Lockheed Aircraft Corporation. (See Storey, A. B., Jr., and Duffendack, assignors.)

Lockheed Aircraft Corporation. (See Warren, L., and Anderson, assignors.)

Lockheed Aircraft Corporation. (See Wood, W. G., and Hunter, assignors.)

Lockheed, Allan H., Grand Rapids, Mich. Tension indicating wrench. 2,365,419; Dec. 19.

Locklair, Kurt. (See Scheerer, W., and Locklair.)

Lockport Cotton Batting Co. (See Oliver, Ralph R., assignor.)

Lockridge, William R., administrator. (See Loughridge, Matthew H.)

Lockwood, Charles H., Battle Creek, Mich. Wheel truck. 2,358,864; Sept. 26.

Lockwood, Elmer A., Burbank, assignor to L. R. Bowles, Hollywood, Calif. Multiple clamping device. 2,354,919; Aug. 1.

Lockwood, Ernest R., Joliet, Ill. Differential gearing. 2,354,214; July 25.

Lockwood, Lawrence A., Chicago, Ill. Baby's bottle insulator and regulator. 2,353,678; July 18.

Lockwood, Lee, Des Moines, Iowa. Furnace. 2,362,649; Nov. 14.

Lockwood, Lewis B. (See Ward, G. E., Wickerham, Pettijohn, and Lockwood.)

Locomotive Firebox Company. (See Christenson, Gust J., assignor.)

Locomotive Firebox Company. (See Larson, Bert E., assignor.)

Locomotive Firebox Company. (See Larson, B. E., and Christenson, assignors.)

Locomotive Firebox Company. (See Nelson, Arthur W., assignor.)

Locomotive Firebox Company. (See Pyle, Leslie R., assignor.)

Lo Curto, Anthony F., near San Jose, Calif. Adjustable footrest. 2,343,681; Mar. 7.

Loder, Donald J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of unsymmetrical formals. 2,359,134; Sept. 26.

Loder, Donald J., Wilmington, and W. O. Teeters, Roselle, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Esters of substituted acetic acids. 2,350,360; June 6.

Loder, Donald J., Wilmington, and W. O. Teeters, Roselle, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Esters. 2,350,964; June 6.

Loder, Donald J., and W. F. Gresham, Wilmington, Del., and D. B. Killian, Newark, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydrogenation of alkoxy-substituted esters and products. 2,357,479; Sept. 5.

Loder, Donald J., Wilmington, and W. O. Teeters, Roselle, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Esters. 2,357,594; Sept. 5.

Loder, Donald J., W. F. Gresham, and D. B. Killian, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of acetals. 2,364,455; Dec. 5.

Lodge, Alvin, Meadville, Pa., assignor to American Viscose Corporation, Wilmington, Del. Filamentary guiding mechanism. 2,342,153; Feb. 22.

Lodge, Alvin, Meadville, Pa., assignor to American Viscose Corporation, Wilmington, Del. Spinning machine. 2,351,772; June 20.

Lodge, Alvin, Meadville, Pa., assignor to American Viscose Corporation, Wilmington, Del. Fluid treatment of filamentary material and apparatus therefor. 2,360,352; Oct. 17.

Lodge, Frank A. Lowe and W. W. Tatum, Blackley, Manchester, England, assignors to Imperial Chemical Industries, Limited. Anthraquinone compounds. 2,346,771; Apr. 18.

Lodge Plugs Limited. (See Hopps, Bernard, assignor.)

Lodwig, Erwin, Franklin Square, assignor to Mobile Refrigeration, Inc., New York, N. Y. Interior chamber insulation. 2,345,204; Mar. 28.

Loe, Justin B. (See Burrows, L. A., and Loe.)

Loeb, Lawrence A., New Haven, Conn. Dishwashing machine. 2,342,742; Feb. 29.

Loeb, Rudolf, Jenkintown, Pa. Apparatus for making corded-edged textiles. 2,339,179; Jan. 11.

Loeb, William S., assignor to Wilkening Manufacturing Company, Philadelphia, Pa. Piston ring. 2,343,915; Mar. 14.

Loebe, Robert W., Wauwatosa, Wis. Camera attachment. 2,352,844; July 4.

Loeffler, Johannes, Berlin-Dahlem, Germany; vested in the Alien Property Custodian. Production of cadmium red. 2,351,985; June 20.

Loepsinger, Albert J., assignor to Grinnell Corporation, Providence, R. I. Atomizing liquids. 2,361,144; Oct. 24.

Loepsinger, Albert J., Providence, R. I., assignor to Grinnell Corporation. Spring support. 2,363,538; Nov. 28.

Loepsinger, Albert J., assignor to Grinnell Corporation, Providence, R. I. Pipe hanger. 2,365,710; Dec. 26.

Loesch, Richards L., Montrose, Colo. Poker chip rack. 2,341,635; Feb. 15.

Loetterle, Frederick J., assignor to Aircooled Motors Corporation, Syracuse, N. Y. Vibration absorbing gear. 2,362,141; Nov. 7.

Loewy Engineering Company Limited, The. (See Langen, Matthias, assignor.)

Loewy Engineering Company Limited, The. (See Loewy, L., and Salter, assignors.)

Loewy Engineering Company Limited, The. (See Lorant, Hugo, assignor.)

Loewy Engineering Company Limited, The. (See Modrjanakij, Anatolij, assignor.)

Loewy, Ludwig, Bournemouth, and F. S. Salter, Parkstone, assignors to The Loewy Engineering Company Limited, London, England. Straightening machine for metal bars. 2,352,442; June 27.

Loewy, Raymond, New York, N. Y., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,341,183; Feb. 8.

Loewy, Walter W., New York, N. Y. Method and means of peeling grains. 2,355,510; Aug. 15.

Lofgren, Gustaf E., Riverside, Conn., assignor to Electrolux Corporation, Dover, Del. Vacuum cleaner. 2,347,919; May 2.

Lofgren, Gustaf E., Riverside, Conn., assignor to Electrolux Corporation, New York, N. Y. Vacuum cleaner. 2,348,082; May 2.

Lofgren, John A., assignor to Beech Aircraft Corporation, Wichita, Kan. Piercing and shearing tool. 2,338,289; Jan. 4.

Loftin, Grady A., assignor to The Lane Company, Inc., Altavista, Va. Hinge. 2,355,542; Aug. 8.

Loftin, Laurence K., assignor to The Lane Company, Inc., Altavista, Va. Sealing strip. 2,359,375; Oct. 3.

Loftin, Laurence K., and T. D. Tinnin, assignors to The Lane Company, Inc., Altavista, Va. Aroma tight drawer. 2,345,271; Mar. 28.

Loftis, Homer J., assignor to Henrite Products Corporation, Ironton, Ohio. Molded electrically conductive body. 2,361,220; Oct. 24.

Loftus, Ailce McC., et al. (See Salverda, Henry P., assignor.)

Logan, Alexander, Dundalk, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for cleaning strands. 2,359,568; Oct. 3.

Logan Engineering Co. (See Logan, Henry H., assignor.)

Logan Engineering Co. (See Logan, H. H., and Lilliedahl, assignors.)

Logan, Frank A., et al. (See Newell, Harold V., assignor.)

Logan, Frank G., Mount Vernon, N. Y., assignor to Ward Leonard Electric Company. Electric controlling apparatus. 2,338,250; Jan. 4.

Logan, Frank G., Mount Vernon, N. Y., assignor to Ward Leonard Electric Company. Antichattering electromagnetic control. 2,360,954; Oct. 24.

Logan, Frank G., Mount Vernon, N. Y., assignor to Ward Leonard Electric Company. Gun controlling apparatus and the like. 2,362,650; Nov. 14.

Logan, Henry H., assignor to Logan Engineering Co., Chicago, Ill. Hopper nozzle. 2,353,346; July 11.

Logan, Henry H., and O. W. Lilliedahl, assignors to Logan Engineering Co., Chicago, Ill. Headstock for lathes. 2,338,860; Jan. 11.

Logan, Hugh B., St. Louis, Mo. Vibratory device. 2,350,563; June 6.

Logan, John W., Jr., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway braking apparatus. 2,345,488; Mar. 28.

Logan, John W., Jr., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Protective apparatus for highway crossings. 2,362,912; Nov. 14.

Logansport Machine, Incorporated. (See Hillis, David R., assignor.)

Logansport Machine, Inc. (See Macy, Oliver W., assignor.)

Logemann, Willy, Berlin-Charlottenburg, and H. Dannenbaum, Falkenhain-Finkenkrug, near Berlin, Germany, assignors to Schering Corporation, Bloomfield, N. J. 17-aldehydo-androstanes and producing the same. 2,344,992; Mar. 28.

Logie, Arthur J., Westfield, Mass. Pressure gauge. 2,346,852; Apr. 18.

Logue, Leland H. (See Bailey, T. S., Jr., Daman, and Logue.)

Lohman, Henry E., Salina, Kans. Colter. 2,356,770; Aug. 29.

Lohmann, Edward, Greenville, Ohio. Fruit and vegetable comminuting machine. 2,343,310; Mar. 7.

Lohmann, Frans, Hamburg, Germany; vested in the Alien Property Custodian. Assembling lead-in conductors for vaccum tubes. 2,338,381; Jan. 4.

Lohne, John, Denver, Colo. Garden hose holder. 2,349,505; May 23.

Löhner, Kurt, and P. Kappus, Munich, Germany; vested in the Alien Property Custodian. Air charge cooling device. 2,350,784; June 6.

Lohse, Alfred C., Michigan City, Ind., and W. H. Mussey, deceased, by C. S. Mussey, executrix, assignors to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Roof construction for railway cars. 2,358,405; Sept. 19.

Lohse, Frederick E. (See Plumley, R. G., and Lohse.)

Lohse, Julius, Berlin, Germany; vested in the Alien Property Custodian. Apparatus for directly producing metals from ores. 2,344,440; Mar. 14.

Lohse, Julius, Berlin-Wilmersdorf, Germany; vested in the Alien Property Custodian. Directly producing pig iron and steel. 2,356,524; Aug. 22.

Loinaz, Salustiano, Biarritz, France; vested in the Alien Property Custodian. Shaving apparatus. 2,344,360; Mar. 14.

Lokey, Robert R., Jr. (See Armstrong, R. C., and Lokey.)

Lolkes, Erich. (See Wüsteney, H., and Lolkes.)

Loma Machine Mfg. Co. Inc. (See Meyerbach, Max, assignor.)

Lomax, Clarence E., Oak Park, Ill., assignor to Automatic Electric Laboratories, Inc. Telephone system. Re. 22,442; Feb. 22.

Lomax, Clarence E., Oak Park, Ill., assignor to Automatic Electric Laboratories, Inc. Signaling system. 2,345,136; Mar. 28.

Lomax, Clarence E., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,348,301; May 9.

Lomax, Clarence E., Chicago, Ill., assignor to Automatic Electric Laboratories, Inc. Telephone system. 2,358,017; Sept. 12.

Lombard, Herman, U. S. Navy. Retaining means for locking pins. 2,364,638; Dec. 12.

Lombard, Robert H., assignor to Norton Company, Worcester, Mass. Abrasive article and making the same. 2,343,213; Feb. 29.

Lombard, Robert H., assignor to Norton Company, Worcester, Mass. Vitrified diamond grinding wheel. 2,356,937; Aug. 29.

Lombard, Robert H., assignor to Norton Company, Worcester, Mass. Vitrified diamond grinding wheel. 2,356,938; Aug. 29.

Lommel, Wilhelm, and H. Münsel, Leverkusen-Wiesdorf, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Phosphonium compounds. 2,353,964; July 18.

Londen Machinery Company, The. (See Spafford, Ralph W., assignor.)

London, Bessie P., Baltimore, Md. Massaging apparatus. 2,347,327; Apr. 25.

Long, Agrippa K. (See Martin, Charles A., assignor.)

Long, Alfred, Jr. (See Wilson, R. W., Long, and Randolph.)

Long, Andrew M., Ottumwa, Iowa. Repair tool. 2,341,278; Feb. 8.

Long, Bernard, Paris, France, assignor to The American Securit Company. Tempering glass. 2,365,967; Dec. 26.

Long, Eli M., assignor to Sharon Optical Company, Inc., Geneva, N. Y. Control mechanism. 2,339,708; Jan. 18.

Long, Frederick F., Chester, Pa., assignor to American Viscose Corporation, Wilmington, Del. Apparatus for loosening yarn packages. 2,343,916; Mar. 14.

Long, Harry G. (See Lindsey, H. A., III, and Long.)

Long, James D. Laurel, Md. Aerial bomb and making the same. 2,360,696; Oct. 17.

Long, James H., Clay Center, Kans. Oil filter. 2,342,948; Feb. 29.

Long, James W., Plainfield, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Telegraph mechanism. 2,345,137; Mar. 28.

Long, James W., Plainfield, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Telegraph apparatus. 2,351,137; June 13.

Long, John D. (See Packie, J. W., Long, and Cornell.)

Long, John H., Marshallton, assignor to Hercules Powder Company, Wilmington, Del. Road construction. 2,346,930; Apr. 18.

Long, John R. (See Clifford, A. M., and Long.)

Long, Ralph L., San Diego, Calif. Header construction for sliding doors. 2,350,689; June 6.

Long, Russell E., Western Springs, assignor to National Cylinder Gas Company, Chicago, Ill. Electric welding machine. 2,355,983; Aug. 15.

Longemann, Willy, Berlin-Friedenau, and H. Dannenbaum, Falkenhain-Finkenkrug, near Berlin, Germany, assignors to Schering Corporation, Bloomfield, N. J. Hydroxyl derivatives of the cyclopentano polyhydrophenanthrene series and manufacture of the same. 2,348,221; May 9.

Longenecker, Charles L., Wauwatosa, assignor to Chain Belt Company, Milwaukee, Wis. Pulsation dampener for concrete-conveying pipe-line systems. 2,355,001; Aug. 1.

Longenecker, Levi S., Mount Lebanon, Pa. Regenerative furnace and burning liquid fuel therein. 2,354,324; July 25.

Longfield, William F., assignor to The Cleveland Punch & Shear Works Company, Cleveland, Ohio. Sheet metal working press. 2,347,272; Apr. 25.

Longines-Wittnauer Watch Co. Inc. (See Cohen, Louis, assignor.)

Longoria, Antonio, South Euclid, assignor of one-half to Unit Rays, Inc., Cleveland, Ohio. Bonding metals. 2,358,090; Sept. 12.

Longwell, Robert R., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control system. 2,356,070; Aug. 15.

Longwell, Robert R., and T. C. Wetherby, Forest Hills, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control system. 2,344,628; Mar. 21.

Lonk, Adolph F., Palatine, Ill. Nonslip tie. 2,343,513; Mar. 7.

Lontz, John F. (See Hunt, M., Kirby, and Lontz.)

Lontz, John F., Westwood Manor, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing beta-(1-naphthoyl) propionic acid. 2,339,789; Jan. 25.

Loofbourrow, Alan G., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Power transmission. 2,342,949; Feb. 29.

Loomis, Crawford C., Ilion, N. Y., assignor to Remington Arms Company, Inc. Firearm. 2,353,679; July 18.

Loomis, Crawford C., Ilion, N. Y., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Firearm. 2,356,256; Aug. 22.

Loomis, Crawford C., Ilion, N. Y., assignor to Remington Arms Company, Inc. Firearm. 2,356,491; Aug. 22.

Lopes, Manuel S., Jr., Alameda, Calif. Manufacture of containers and apparatus therefor. 2,354,920; Aug. 1.

Lopp, Edmund, E. Zinke, and H. Berger, Berlin, Germany; vested in the Alien Property Custodian. Ultrashort wave tube. 2,365,420; Dec. 19.

Lorain County Radio Corp., The. (See Heisner, Donald A., assignor.)

Lorance, George T., West Los Angeles, Calif., assignor to Western Electric Company, Incorporated. Film sound recording system. 2,346,496; Apr. 11.

Lorand, Eugene J., assignor to Hercules Powder Company, Wilmington, Del. Stabilization of terpene products. 2,338,772; Jan. 11.

Lorant, Hugo, New York, N. Y., assignor to The Loewy Engineering Company Limited, London, England. Bar conveyor device for extrusion presses. 2,352,960; July 4.

Lord & Burnham Company. (See King, Thomas E., assignor.)

Lord, Byron C., Clayton, Mich. Shoelace tip holding means. 2,359,229; Sept. 26.

Lord, Frederic P., Hanover, N. H. Anatomical model. 2,345,489; Mar. 28.

Lord, Harold W., Schenectady, N. Y., assignor to General Electric Company. Welding. 2,340,131; Jan. 25.

Lord, Harold W., Schenectady, N. Y., assignor to General Electric Company. Electric relay means. 2,350,785; June 6.

Lord, Harold W., Schenectady, N. Y., assignor to General Electric Company. Reactor. 2,363,881; Nov. 28.

Lord, Hugh C., assignor to Lord Manufacturing Company, Erie, Pa. Resilient mounting. 2,365,421; Dec. 19.

Lord, Lewis A., Chicago, Ill. Moist heat pad. 2,363,735; Nov. 28.

Lord Manufacturing Company. (See Henshaw, Richard C., assignor.)

Lord Manufacturing Company. (See Lord, Hugh C., assignor.)

Lord Manufacturing Company. (See Wallerstein, Leon, Jr., assignor.)

Lorens, Anton, Chicago, Ill. Chair. 2,353,737; July 18.

Lorenz, Anton, Chicago, Ill. Adjustable chair. 2,365,200; Dec. 19.

Lorenz, Anton, Chicago, Ill., and H. Luckhardt, Berlin, Germany. Adjustable reclining chair. 2,353,838; July 18.

Lorenz, Charles H., New Hartford, assignor to The Arrow-Hart & Hegeman Electric Company, Hartford, Conn. Interchangeable electric apparatus. 2,344,441; Mar. 14.

Lorens, David M. (See Smith, Travis O., assignor.)

Lorens, Richard L., Chicago, Ill., assignor to General Time Instruments Corporation, New York, N. Y. Time system. 2,364,228; Dec. 5.

Lorenzen, Walter C., Holland, Ohio. Can punch. 2,338,592; Jan. 4.

Lorey, Frank L. (See Lorey, R. P. and F. L.)

Lorey, Raymond P. and F. L., Jasper, Ind. Rack. 2,348,398; May 9.

Los Angeles, Chemical Co. (See Wood, Charles D., assignor.)

Lose, Charles, Jr., Cranford, N. J. Filter bed filtration with filter bed cleaning. 2,339,064; Jan. 11.

Losee Ranch. (See Dale, George L., assignor.)

Losson, George J. (See Watts, W. S., and Losson.)

Loth, Eric C., Elisabeth, and C. S. Inacho, Livingston, N. J. Production of meta-titanic acid. 2,344,553; Mar. 21.

Loth, Gaylord, assignor to The Hinde & Dauch Paper Company, Sandusky, Ohio. Octagonal box. 2,347,422; Apr. 25.

Lotspeich, Joseph F., San Antonio, Tex., assignor to Southern Pecan Shelling Company. Nutcracking machine. 2,346,980; Apr. 18.

Lott, William A. (See Braker, W., and Lott.)

Lotter, Adolph G., assignor to Stationers Loose Leaf Company, Milwaukee, Wis. Visible record loose-leaf binder. 2,352,486; June 27.

Lotter, Adolph G., assignor to Stationers Loose Leaf Company, Milwaukee, Wis. Loose-leaf binder. 2,355,223; Aug. 8.

Lotter, William. (See Moecker, H., Jr., and Lotter.)

Lotters, Fred H., assignor to Mohawk Brush Company, Albany, N. Y. Spiral hairbrush. 2,343,782; Mar. 7.

Lottes, Paul C. (See Lessmann, G. P., and Lottes.)

Lotz, Alfred F. C., and F. C. Mahoney, Chicago, Ill. Plasticity control for brick machines 2,340,673; Feb. 1.

Lotz, Rudolph W., et al., successor co-trustees. (See Cowles, Irving, assignor.)

Loucks, Claude A., Solano County, assignor of one-half to A. M. Jongeneel, Walnut Grove, Calif. Bean cleaner. 2,359,431; Oct. 3.

Loucks, Claude A., Walnut Grove, and L. K. Schmidt, Rio Vista, assignors of twenty-one and one-fourth per cent to said Loucks, thirty-six and one-fourth per cent to said Schmidt, twenty-one and one-fourth per cent to A. M. Jongeneel, Walnut Grove, and twenty-one and one-fourth per cent to G. P. du Bose, Stockton, Calif. Beet lifting and topping implement. 2,350,173; May 30.

Loud, John P., Cumberland, Md., assignor to Celanese Corporation of America. Concentration of acid solutions. 2,365,828; Dec. 26.

Louden, Harry M., and C. W. McCreery, Muncie, Ind., assignors to Owens-Illinois Glass Company. Pressure sustaining apparatus. 2,349,739; May 23.

Loughborough, Dwight L., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Improving the adhesion of nylon to rubber. 2,349,290; May 23.

Loughborough, William K., Madison, Wis., dedicated to the free use of the people in the Territory of the United States. Flexible wood product. 2,343,016; Feb. 29.

Loughborough, William K., Madison, Wis., assignor to H. A. Wallace, as Secretary of Agriculture of the United States of America, and his successors in office. Defibering ligno-cellulosic materials. 2,361,639; Oct. 31.

Loughlin, Thomas F., et al. (See Hollnagel, Harold S., assignor.)

Loughren, Arthur V., Great Neck, N. Y., assignor to Hazeltine Corporation. Television broadcasting system. 2,343,561; Mar. 7.

Loughridge, Matthew H., deceased, Bogota, N. J.; W. R. Lockridge, administrator. Siphon system. 2,363,539; Nov. 28.

Lougovoy, Boris N. (See Hartwig, C. E., and Lougovoy.)

Louisville Drying Machinery Company. (See Overton, Glen, assignor.)

Loumiet et Lavigne, Jean, Itabo, Cuba. Automatic boiler feed regulator. 2,338,773; Jan. 11.

Loumiet et Lavigne, Jean, Itabo, Cuba. Gas purification system. 2,360,066; Oct. 10.

Loungway, Arthur M., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Automatic machine. 2,350,515; June 6.

Lounsbury, Harvey J., Glen Ellyn, assignor to W. H. Miner, Inc., Chicago, Ill. Car construction. 2,351,218; June 13.

Lousley, Norman W., Blackburn, England. Rubber masticating machine. 2,358,722; Sept. 19.

Louton, Kenneth, et al. (See Lister, Donald F., assignor.)

Love, Daniel B., Saratoga, Wyo. Mousetrap. 2,343,562; Mar. 7.

Love, John T., and A. L. Hoffman, Chicago, Ill. Internal-combustion engine. 2,355,090; Aug. 8.

Love, Robert F., assignor to General Aniline & Film Corporation, Binghamton, N. Y. Tripod case. 2,352,794; July 4.

Lovejoy, Arthur W., Lowell, assignor to C. A. Briggs Company, Cambridge, Mass. Combined container and display stand for lollipops. 2,339,180; Jan. 11.

Lovejoy, Charles. (See Lampe, Charles E., Sr., assignor.)

Lovejoy, Charles K., Needham, assignor to The Moore Pen Company, Boston, Mass. Mechanical pencil. 2,358,091; Sept. 12.

Lovelace, William R., II. (See Boothby, W. M., and Lovelace.)

Lovelady, Isaac W., and V. Palmer, Oklahoma City, Okla. Treating tank. 2,342,950; Feb. 29.

Lovell, Clarence A. (See Dowey, T. L., and Lovell.)

Lovell, Clarence A. (See Dunlap, K. S., and Lovell.)

Lovell-Dressel Co. Inc. (See Schatzman, Robert C., assignor.)

Lovell, Earl V., Napa, Calif. Ship propulsion. 2,347,785; May 2.

Lovell, George H., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave filter. 2,342,875; Feb. 29.

Lovell, Lawrence L., Wood River, Ill., assignor to Shell Development Company, San Francisco, Calif. Manufacture of turbine oils. 2,341,874; Feb. 15.

Lovell, Lawrence L., Wood River, A. E. Martin, East Alton, and F. W. Bell, Alton, Ill., assignors to Shell Development Company, San Francisco, Calif. Solutizer process. 2,346,497; Apr. 11.

Lovell, Lawrence L., Wood River, Ill., assignor to Shell Development Company, San Francisco, Calif. Desulphurising a hydrocarbon distillate. 2,357,121; Aug. 29.

Lovell Manufacturing Company. (See Kauffman, Walter L., II, assignor.)

Lovell, Stanley P., Newtonville, and H. H. Straw, Boston, Mass., assignors to Beckwith Manufacturing Company, Dover, N. H. Plastic composition and making the same. 2,346,136; Apr. 11.

Lovenston, Hans J., Detroit, Mich. Device for determining angles. 2,351,773; June 20.

Loverch, Charles L., and J. K. Rubin, Brooklyn, N. Y. Cutting machine. 2,361,300; Oct. 24.

Lovett, Louis E. (See Fryer, L. S., and Lovett.)

Lovfald, Peer, Middletown, N. J. Unit loading cargo vessel. 2,363,797; Nov. 28.

Lowenchich, Stephen. (See Fabian Louis, assignor.)

Low, Allan W. (See Bousquet, L'R. G., Young, and Low.)

Low-Beer, Eric. (See Berg, Gustav, assignor.)

Low, John J., Los Angeles, Calif., assignor to Kay-Brunner Steel Products, Inc. Logging trailer. 2,343,872; Mar. 14.

Low, Richard, assignor to Conmar Products Corporation, Newark, N. J. Molded slide fastener. 2,361,782; Oct. 31.

Lowe, Arthur. (See Lodge, F., Lowe, and Tatum.)

Lowe, Charles B., Stamford, Conn., assignor to B. H. Brown, New York, N. Y. Fishing reel. 2,344,209; Mar. 14.

Lowe, Donald V., Ridgefield, N. J., J. W. Vedder, and C. S. Adams, Worcester, Mass., assignors to Rice Barton Corporation. Paper making machine. 2,339,711; Jan. 18.

Lowe, Francis S. (See Little, Charles W. G., assignor.)

Lowe, Fritz W. (See Morrison, H., and Lowe.)

Lowe, Joe, Corporation. (See Rubens, Joseph G., assignor.)

Lowe, Joe Corporation. (See Thomas, N. M. and N. H.)

Lowe, John C., Quakertown, assignor of one-half to H. R. Lutz, borough of Sellersville, Pa. Pulp machine. 2,344,047; Mar. 14.

Lowe, Kenneth J., Ilion, N. Y., assignor to Remington Arms Company, Inc. Firearm. 2,356,257; Aug. 22.

Lowe, Russell E. (See Morgan, J. D., and Lowe.)

Lowe, Russell E. (See Morgan, John D., and Lowe.)

Lowe, William G. (See Daly, A. J., and Lowe.)

Loweke, Erwin F., assignor to Hydraulic Brake Company, Detroit, Mich. Fluid pressure producing device. 2,354,957; Aug. 1.

Loweke, Erwin F., assignor to Hydraulic Brake Company, Detroit, Mich. Diaphragm pump. 2,354,958; Aug. 1.

Lowell, Floyd C., assignor to C. V. Hill & Company, Inc., Trenton, N. J. Refrigerated case. 2,348,988; May 16.

Lowenstein, Louis A., assignor to N. R. Leadlay, San Francisco, Calif. Universal V-block. 2,364,150; Dec. 5.

Lowenthal, Fred, Brooklyn, N. Y. Spraying device. 2,338,650; Jan. 4.

Lowenthal, Fred, New York, N. Y. Calendar attaching means. 2,338,651; Jan. 4.

Lower, Donald P. (See Firth, D., and Lower.)

Lower, Nathan M., Erie, Pa. Fuel conditioning and feeding apparatus. 2,350,910; June 6.

Lowery, Hugh. (See Robinson, J., and Lowery.)

Lowry, Roy E., Evanston, E. C. Potter, Chicago, and C. B. Killmer, River Forest, assignors to Container Corporation of America, Chicago, Ill. Carrier for bottles. 2,354,528; July 25.

Lowkrantz, Gunne, assignor to Link Aviation Devices, Inc., Binghamton, N. Y. Aviation trainer. 2,358,018; Sept. 12.

Lowkrantz, Gunne, assignor to Link Aviation Devices, Inc., Binghamton, N. Y. Variable speed drive apparatus. 2,359,866; Oct. 10.

Lowkrantz, Gunne, and E. A. Link, Jr., assignors to Link Aviation Devices, Inc., Binghamton, N. Y. Recording navigation instrument. 2,349,506; May 23.

Lowry, Bert B., Medford, Oreg. Apparatus for attaching envelopes and the like to packages. 2,348,989; May 16.

Lowry, Clyde D., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Sash and store front construction. 2,342,352; Feb. 22.

Lowry, Clyde D., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Wall mounting. 2,363,429; Nov. 21.

Lowry, Edward N., Syracuse, assignor to Oswego Falls Corporation, Fulton, N. Y. Machine for applying closures to bottles. 2,355,385; Aug. 8.

Lowry, Robert D., and R. C. Reinhardt, assignors to The Dow Chemical Company, Midland, Mich. Molding. 2,361,900; Oct. 31.

Lowther, Wilfred W., Minneapolis, assignor to Donaldson Company, Inc., St. Paul, Minn. Crankcase ventilating system. 2,359,485; Oct. 3.

Lowther, Wilfred W., assignor, by mesne assignments, to H. J. Doherty, Minneapolis, Minn. Apparatus for silencing and supercharging engine intakes. 2,362,493; Nov. 14.

Lowy, Larry, Rockaway Park, N. Y. Push lock for bathroom scales. 2,354,390; July 25.

Loxham, John, Letchworth, England. Linear-dimension gauge or comparator. 2,338,190; Jan. 4.

Loyd, Vivian Graham. (See Macbeth, Colin, assignor.)

Lubahn, William C., assignor to Baker Perkins Inc., Saginaw, Mich. Traveling tray conveyer. 2,339,494; Jan. 18.

Lubberhuizen, Jan W., Lobositz, Germany; vested in the Alien Property Custodian. Electro-motor-driven vertical centrifugal machine. 2,340,542; Feb. 1.

Lubbock, Isaac, and R. O. Nash, assignors to Anglo Saxon Petroleum Company, Limited, Great St. Helen's, London, England. Liquid-fuel burner. 2,345,402; Mar. 28.

Lübeck, Heins, Berlin, Germany, assignor to General Electric Co. Electrical transmission of pictures and/or characters. 2,350,051; May 30.

Luber-Finer, Inc. (See Russell, John K., assignor.)

Lubetsky, David, Detroit, Mich. Can opener. 2,354,469; July 25.

Luboshez, Benjamin E. (See Evans, R. M., and Luboshez.)

Luboshez, Benjamin E., assignor to Eastman Kodak Company, Rochester, N. Y. Photoelectric exposure control. 2,356,464; Aug. 22.

Luboshez, Benjamin E., assignor to Eastman Kodak Company, Rochester, N. Y. Objective camera. 2,358,092; Sept. 12.

Luboshez, Benjamin E., assignor to Eastman Kodak Company, Rochester, N. Y. Range finder for cameras. 2,358,093; Sept. 12.

Lubri-Gel Products Company. (See Means, Eldon A., assignor.)

Lubri-Zol Corporation, The. (See Knutson, A. T., and Graves, assignors.)

Lubri Zol Corporation, The. (See Prutton, C. F., Smith, and Frey, assignors.)

Lubri-Zol Development Corporation, The. (See Davis, L. L., Lincoln, and Byrkit, assignors.)

Lubri-Zol Development Corporation, The. (See Lincoln, B. H., and Stelner, assignors.)

Lubri-Zol Development Corporation, The. (See Prutton, Carl F., assignor.)

Lubri-Zol Development Corporation, The. (See Prutton, C. F., and Smith, assignors.)

Lubs, Herbert A., and N. M. Bigelow, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Sulphur dyes of the hydroxy-anilino-naphthalene-sulphonamide type. 2,344,624; Mar. 21.

Lubs, Herbert A., and N. M. Bigelow, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. New hydroxy - anilido - naphthalene - sulphonamides. 2,344,625; Mar. 21.

Luby, Richard B., Chicago, Ill. Marine vessel locating and lifting apparatus. 2,341,799; Feb. 15.

Lucas, Glennie C., Roanoke, Va. Combined curtain, drapery, and shade bracket. 2,341,279; Feb. 8.

Lucas, Henry M., and H. N. Stephan, Cleveland Heights, assignors, by mesne assignments, to The Lucas Machine Tool Company, Bratenahl, Ohio. Boring machine. 2,350,174; May 30.

Lucas, Jack E. (See Carpenter, V. W., Jackson, and Lucas.)

Lucas, John E., Oklahoma City, Okla. Well pump. 2,363,603; Nov. 28.

Lucas, John S., Santa Rosa, Calif. Combination cover and measuring device. 2,339,644; Jan. 18.

Lucas, Joseph, Limited. (See Hendry, N., and Laird, assignors.)

Lucas, Joseph, Limited. (See Laird, John A., assignor.)

Lucas, Joseph, Limited. (See Lucas, Oliver, assignor.)

Lucas Machine Tool Company. (See Lucas, H. M., and Stephan, assignors.)

Lucas Machine Tool Company, The. (See Stephan, Hallis N., assignor.)

Lucas, Moulton M., North Dartmouth, Mass. Hoist. 2,358,339; Sept. 19.

Lucas, Noah. (See Lucas, Noah E., assignor.)

Lucas, Noah E., Norwich, assignor to N. Lucas, New Britain, Conn. Underclearer roll. 2,357,265; Aug. 29.

Lucas, Oliver, assignor to Joseph Lucas Limited, Birmingham, England. Electric horn. 2,351,690; June 20.

Luccous, John C. (See Otis, H. C., Luccous, and Miller.)

Luce, Richard W., Southport, Conn. Motion transmitting device. 2,343,067; Feb. 29.

Luce, Richard W., Southport, Conn. Making threaded locking devices. 2,351,057; June 13.

Luce, Richard W., Southport, Conn. Threaded locking device. 2,363,680; Nov. 28.

Luce, Richard W., Southport, Conn., assignor of one-half to G. T. Gill, South Orange, N. J. Retrodirective light-reflecting device. 2,343,068; Feb. 29.

Luce, Stewart B. (See Thomas, C. A., and Luce.)

Lucek, Charles W. (See Kinkead, F. S., and Lucek.)

Lucek, Charles W. (See Large, W. V. K., Lucek, and Marshall.)

Lucek, Charles W., Port Chester, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph recorder control. 2,361,696; Oct. 31.

Lucht, Victor F., Washington, D. C. Gun mount. 2,346,692; Apr. 18.

Lucht, Victor F., Washington, D. C. Recoil mechanism. 2,358,340; Sept. 19.

Lucia, Louis V. (See Wolcott, F. E., and Lucia.)

Lucia, Louis V., West Hartford, Conn. Cutting machine. 2,347,903; Apr. 25.

Lucia, Louis V., West Hartford, Conn. Automatic toaster. 2,358,766; Sept. 19.

Lucia, Louis V., West Hartford, assignor to The Silex Company, Hartford, Conn. Combination pressing and steaming iron. 2,344,098; Mar. 14.

Lucius, George P., assignor of two-fifths to J. M. Crow, and one-fifth to H. L. Herring, Ruleville, Miss. Stalk puller. 2,360,955; Oct. 24.

Lucius, William L., Bronxville, assignor to Johns-Manville Corporation, New York, N. Y. Method and apparatus for the production of sound-absorbing materials. 2,355,454; Aug. 8.

Luck, David G. C., assignor to Radio Corporation of America, Merchantville, N. J. Radio range. 2,362,651; Nov. 14.

Luck, David G. C., Merchantville, N. J., assignor to Radio Corporation of America. Radio range. 2,343,196; Feb. 29.

Luck, David G. C., Merchantville, N. J., assignor to Radio Corporation of America. Radio range. 2,350,284; May 30.

Luck, David G. C., Merchantville, N. J., assignor to Radio Corporation of America. Radio navigation. 2,364,731; Dec. 12.

Luckenbach, Richard B., Secane, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Turbine apparatus. 2,354,761; Aug. 1.

Lucke, Henry J. (See Luckhaupt, Christopher, assignor.)

Lucke, Henry J., et al. (See Winter, Arthur C., assignor.)

Luckhardt, Hans. (See Lorenz, A., and Luckhardt.)

Luckhaupt, Christopher, Jamaica, N. Y., assignor to H. J. Lucke, East Orange, N. J. Cellulose derivative. 2,339,277; Jan. 18.

Luckhurst, Kenneth J. C. (See Houghton, A. A., and Luckhurst.)

Lucklesh, Matthew, Shaker Heights, Ohio, assignor to General Electric Company. Refrigerator. 2,339,085; Jan. 11.

Lucklesh, Matthew, Shaker Heights, and F. K. Moss, Cleveland, Ohio. Apparatus for subjective refraction of the eyes. 2,343,783; Mar. 7.

Ludbrook, Leslie C., near Rugby, England, assignor to General Electric Company. Electric control circuit. 2,341,280; Feb. 8.

Ludeman, Oscar H., New York, N. Y. Valve. 2,360,612; Oct. 17.

Lüdi, Fritz, Baden, assignor to Patelhold Patentverwertungs- & Elektro-Holding A.-G., Glarus, Switzerland. Ultra high frequency generator. 2,364,732; Dec. 12.

Ludwell, Frederick R., assignor to E. D. Bullard Company, San Francisco, Calif. Suspension mounting for safety headgear. 2,365,422; Dec. 19.

Ludwick, William L., East Orange, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Control device. 2,354,529; July 25.

Ludwig, Hans. (See Fingado, G. A., and Ludwig.)

Ludwig, Joseph V., Cleveland, Ohio. Seed planter. 2,362,387; Nov. 7.

Ludwig, Leon R. (See Marbury, R. E., Ludwig, and Baker.)

Ludwig, Leon R., Forest Hills, and B. P. Baker, and J. M. Cumming, Turtle Creek, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Compressed air circuit breaker. 2,342,809; Feb. 29.

Ludwig, Leon R., Forest Hills, and C. V. Fields, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Series capacitor protective device. 2,351,986; June 20.

Ludwig, Leon R., and P. O. Langguth, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,354,134; July 18.

Ludwig, Leon R., Wilkinsburg, Pa., and J. W. May, Durham, N. C., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Automatically reclosing circuit interrupter. 2,361,221; Oct. 24.

Ludwig, Norman C. (See Friedlaender, W. V., and Ludwig.)

Lueck, Frank R., Los Angeles, Calif. Nonrefillable bottle. 2,351,138; June 13.

Luecke, Frederick H., Fort Wayne, Ind. Anchorage for electric service conductors. 2,340,761; Feb. 1.

Luehrs, Hans J., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Web feed roll. 2,341,636; Feb. 15.

Luehrs, Hans J., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Producing rotary cutters. 2,344,314; Mar. 14.

Luers, John M., Mount Clemens, Mich. Locking cam for toolholders. 2,343,855; Mar. 7.

Luers, John M., Mount Clemens, assignor to John Milton Luers Patents Incorporated, Detroit, Mich. Cutting-off blade. 2,344,442; Mar. 14.

Luers, John M., Mount Clemens, assignor to John Milton Luers Patents Incorporated, Detroit, Mich. Cutting-off tool and holder. 2,353,913; July 18.

Luers, John Milton, Patents Incorporated. (See Luers, John M., assignor.)

Luersen, George V., Reading, and W. A. Schlegel, Bernharts, assignors to The Carpenter Steel Company, Reading, Pa. Steel alloy. 2,343,069; Feb. 29.

Luersen, George V., and C. B. Post, assignors to The Carpenter Steel Company, Reading, Pa. Steel alloy. 2,355,224; Aug. 8.

Luertzing, Paul R., assignor of one-half to Walter O. Luertzing. Method of and apparatus for forming and finishing hollow glass bodies. 2,349,046; May 16.

Luertzing, Paul R., assignor of one-half to W. O. Luertzing, Vineland, N. J. Making hollow glass articles. 2,350,052; May 30.

Luertzing, Paul R., assignor of one-half to W. O. Luertzing, Vineland, N. J. Apparatus for manufacturing hollow glass articles. 2,361,553; Oct. 31.

Luertzing, Paul R., Vineland, N. J. Method of and apparatus for forming hollow glass bodies. 2,366,118; Dec. 26.

Luertzing, Walter O. (See Luertzing, Paul R., assignor.)

Luhn, Hans P., North Tarrytown, N. Y., assignor, by mesne assignments, to International Business Machines Corporation. Computing mechanism. 2,348,141; May 2.

Luhn, Hans P., Armonk, assignor to International Business Machines Corporation, New York, N. Y. Calculating machine. 2,364,540; Dec. 5.

Luhrs, John F., Cleveland Heights, Ohio, assignor to Bailey Meter Company. Measuring and controlling apparatus. 2,342,413; Feb. 22.

Luhrs, John F., Cleveland Heights, Ohio, assignor to Bailey Meter Company. Measuring and control system. 2,343,619; Mar. 7.

Luhrs, John F., Cleveland Heights, Ohio, assignor to Bailey Meter Company. Density measuring apparatus. 2,345,272; Mar. 28.

Lui, Henry S. K., San Francisco, Calif. Vegetable cutter. 2,355,312; Aug. 8.

Luke, Owen B., Cape Elizabeth, Maine. Light shield. 2,359,655; Oct. 3.

Lukens, William R., Hillsboro, Ohio. Recording clinical thermometer. 2,352,333; June 27.

Lukey, John B. (See Andrew, W. K., Hutchens, and Lukey.)

Lukis, Ernest du B., Bronx, N. Y. Lathe attachment. 2,345,613; Apr. 4.

Lul Products, Inc. (See Larkin, Lester U., assignor.)

Lulek, Ralph N., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing dyestuffs of the anthraquinone series. 2,364,456; Dec. 5.

Lulek, Ralph N., Wilmington, Del., and E. C. Buxbaum, Media, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of 5-chloroquinizarin. 2,346,772; Apr. 18.

Lulek, Ralph N., Wilmington, Del., and E. C. Buxbaum, Swarthmore, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyestuffs of the anthraquinone series. 2,348,013; May 2.

Lum, George P. (See Wirth, E. O., and Lum.)

Lumb, Charles F. (See Spears, Frank G. W., assignor.)

Lumbard, Henry G., Auburn, Maine. Bottom filler for shoes. 2,350,053; May 30.

Lumley, Maurice, assignor to The F. H. Lawson Company, Cincinnati, Ohio. Bathroom cabinet. 2,346,316; Apr. 11.

Lumley, Maurice, assignor to The F. H. Lawson Company, Cincinnati, Ohio. Trash pail cover. 2,348,349; May 9.

Lumm, A. H., Company, et al. (See Lumm, Conrad F., assignor.)

Lumm, Conrad F., assignor of one-half to A. H. Lumm, doing business as A. H. Lumm Company, Toledo, Ohio. Duct. 2,338,191; Jan. 4.

Lummus Company, The. (See Baldwin, Ira L., assignor.)

Lummus Company, The. (See Bate, George A., assignor.)

Lummus Company, The. (See Bertram, E. A., and Fulton, assignors.)

Lummus Company, The. (See Boeckeler, B. C., and Bogart, assignors.

Lummus Company, The. (See Brunjes, Austin S., assignor.)

Lummus Company, The. (See Gibb, John A., assignor.)

Lummus Company, The. (See Gibb, J. A., and Thornton, assignors.)

Lummus Company, The. (See Graham, H. M., and Berkeley, assignors.)

Lummus Company, The. (See Klaassen, Willem J., assignor.)

Lummus Company, The. (See Kraft, Wheaton W., assignor.)

Lummus Company, The. (See Lambert, Pierre, assignor.)

Lummus Company, The. (See McGovern, Frank J., assignor.)

Lummus Company, The. (See Mekler, Valentine, assignor.)

Lummus Company, The. (See Morris, Layne H., assignor.)

Lummus Company, The. (See Schauble, Otto C., assignor.)

Lummus Company, The. (See Schutte, August H., assignor.)

Lummus Company, The. (See Thornton, James F., assignor.)

Lummus Company, The. (See Ullrich, Walter, assignor.)

Lumsden, Allen R., Los Angeles, Calif. Releasable securing device. 2,364,906; Dec. 12.

Lunas, Lawrence J., Cedar Grove, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Forming electrical measuring instruments. 2,347,058; Apr. 18.

Lund, Elbert C. (See Sampair, C. B., and Lund.)

Lund, James K., Oak Park, assignor to The Dole Valve Company, Chicago, Ill. Dispensing device for beverages. 2,349,441; May 23.

Lundberg, Carl E., Kiruna, Sweden. Collecting machine, particularly for granular material. 2,361,042; Oct. 24.

Lundborg, Carl J., Great Falls, Mont. Electric control. 2,362,652; Nov. 14.

Lundbye, Axel E., assignor to The Crowell-Collier Publishing Company, Springfield, Ohio. Jig or fixture for electroplating. 2,348,915; May 16.

Lundbye, Axel E., assignor to The Crowell-Collier Publishing Company, Springfield, Ohio. Forming and conditioning composite printing plates and the like. 2,352,905; July 4.

Lundbye, Axel E., assignor to Crowell-Collier Publishing Company, Springfield, Ohio. Separation and reclamation of copper from printing plates and the like. 2,358,329; Aug. 22.

Lundbye, Axel E., assignor to The Crowell-Collier Publishing Company, Springfield, Ohio. Apparatus for removing excess fluid from the printing cylinders of printing presses. 2,359,770; Oct. 10.

Lundbye, Axel E., assignor to The Crowell-Collier Publishing Company, Springfield, Ohio. Making doctor blades. 2,361,554; Oct. 31.

Lundeen, Chester A., Los Angeles, assignor to Byron Jackson Co., Huntington Park, Calif. Pipe tong. 2,347,698; May 2.

Lundgren, Jacob, assignor to Tinius Olsen Testing Machine Company, Philadelphia, Pa. Balance calculator. 2,364,026; Nov. 28.

Lundgren-Jonson, Valborg, Detroit, Mich. Portable washing apparatus. 2,341,729; Feb. 15.

Lundholm, Ragnar O. (See Blomberg, K. H., Broomé, Dahlgren, Johansson, and Lundholm.)

Lundin, George, Dassel, Minn. Seed grading machine. 2,346,442; May 23.

Lundin, Walfred L., Tacoma, Wash. Vanity drawer for chiffoniers and the like. 2,340,762; Feb. 1.

Lundquist, Carl E. E., Stockholm, Sweden. Joint, more particularly for chairs, bedsteads, stretchers, or the like. 2,361,853; Oct. 31.

Lundquist, Wilton G., Hohokus, N. J., assignor to Wright Aeronautical Corporation. Impeller throttle. 2,357,527; Sept. 5.

Lundquist, Wilton G., Hohokus, N. J., assignor to Wright Aeronautical Corporation. Engine cooling system. 2,362,015; Nov. 7.

Lundstrom, Alexis A., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,356,330; Aug. 22.

Lundstrom, Ernest A. (See Karlsson, P. H., and Lundstrom.)

Lundstrom, Ernest A., Wellsville, assignor to The Air Preheater Corporation, New York, N. Y. Dust separating fan. 2,363,882; Nov. 28.

Lundvall, John S., Park Ridge, assignor to Union Asbestos & Rubber Company, Chicago, Ill. Convertible ice bunker for refrigerator cars. 2,346,853; Apr. 18.

Luneburg, Rudolf K. (See Osterberg, H., Pride, and Luneburg.)

Lunken, Edmund H., Springfield Township, Hamilton County, Ohio. Window guard and screen. 2,355,170; Aug. 8.

Lunney, Henry J., Los Angeles, assignor of forty-seven and one-fourth per cent to said Lunney, thirty-two and one-fourth per cent to L. C. Spangard, Santa Monica, Calif., one per cent to M. H. Benstein, one per cent to B. Higgens, three per cent to D. W. Hooper, one-half per cent to P. R. Hooper, and fifteen per cent to S. G. Spangard. Abdominal supporting appliance. 2,345,760; Apr. 4.

Lupo, Joseph, Mount Vernon, N. Y. Tumbling apparatus. 2,350,322; Oct. 3.

Lupo, Joseph, Mount Vernon, N. Y. Tumbling method for processing articles. 2,359,323; Oct. 3.

Lupton, Elmer H., Ilchester, Md. Bottle carrier. 2,351,528; June 13.

Lupton, Elmer H., Ilchester, Md. Coat hanger. 2,356,984; Aug. 15.

Lurie, William A., New Orleans, La. Bag. 2,355,313; Aug. 8.

Lurmann, Frederick W., Sunnyvale, and A. C. Swayne, Los Altos, assignors to Schucki & Co., Inc., San Francisco, Calif. Vegetable cutter. 2,341,052; Feb. 8.

Lurtz, Carl, Brooklyn, N. Y. Magnetic motion-controlling mechanism. 2,359,656; Oct. 3.

Lurtz, Carl, Brooklyn, N. Y. Escapement mechanism suitable for timing devices. 2,360,613; Oct. 17.

Lustrik, Peter, Cleveland, Ohio. Try square. 2,340,970; Feb. 8.

Lustrik, Peter, Cleveland, Ohio. Tool supporting and ejecting structure. 2,341,051; Feb. 8.

Lustrik, Peter, Cleveland, Ohio. Tool post. 2,365,572; Dec. 19.

Lustusty, William A. (See Wagner, J. L., Socoloskie, and Lustusky.)

Luten, Daniel B., Jr., Berkeley, Calif., assignor to Shell Development Company, Inc., San Francisco, Calif. Separation of phenols from thiophenols. 2,339,376; Jan. 18.

Luten, Daniel B., Jr., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Turbine oil. 2,351,347; June 13.

Lutes, Herschel, Detroit, and J. J. Bussell, Alpena, Mich. Refrigerating apparatus. 2,342,743; Feb. 29.

Lutes, Oakley D., Jackson, Mich. Farming implement. 2,357,528; Sept. 5.

Lutherman, Lewis A. (See Parke, P., Cunningham, and Lutherman.)

Luthy, Max. (See Kunz, E. C., Luthy, and Gump.)

Lutowsky, Chester. (See Kraski, E., and Lutowsky.)

Lutz, Daniel H., Kew Gardens, assignor of fourteen and one-fourth per cent to O. E. Bishop, Chappaqua, four and three-fourths per cent to A. C. Daum, Hawthorne, five per cent to B. Rickenback, Larchmont Manor, and five per cent to M. Davis, New York, N. Y. Rotary air drier. 2,347,356; Apr. 25.

Lutz, Frederick, Stuttgart, Wurttemberg, Germany; vested in the Alien Property Custodian. Edge ornamentation for fabrics. 2,354,215; July 25.

Lutz, Frederick, Stuttgart, Germany, assignor to Union Special Machine Company, Chicago, Ill. Work arm sewing machine. 2,354,819; Aug. 1.

Lutz, Harmer R. (See Lowe, John C., assignor.)

Lutz, Raymond P., Oak Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Composite insulating material and method of making same. Re. 22,532; Aug. 22.

Lux Clock Manufacturing Company, The. (See Lux, Frederick, assignor.)

Lux, Frederick, assignor to The Lux Clock Manufacturing Company, Inc., Waterbury, Conn. Timer. Re. 22,570; Nov. 28.

Luxenberger, Eugene A., assignor to Mishawaka Rubber and Woolen Manufacturing Company, Mishawaka, Ind. Vulcanizing apparatus. 2,350,175; May 30.

Luxenberger, Eugene A., G. W. Blair, and J. F. Schott, Mishawaka, Ind., assignors to United States Rubber Company, New York, N. Y. Apparatus for producing rubber articles. 2,347,117; Apr. 18.

Luxenberger, Eugene A., and H. C. Erich, Mishawaka, and M. M. Cunningham, South Bend, Ind., assignors to United States Rubber Company, New York, N. Y. Shaping mold. 2,351,529; June 13.

Luxer, Erwin. (See Hagedorn, G., Luxer, and Wahl.)

Lusky, Fred, East Cleveland, assignor to The Mid-West Forge Company, Cleveland, Ohio. Apparatus for die rolling billets. 2,363,883; Nov. 28.

Lybarger, Samuel F., Pittsburgh, assignor to E. A. Myers & Sons, Mount Lebanon, Pa. Hearing aid circuit. 2,345,761; Apr. 4.

Lybyer, Benjamin H., Casper, Wyo. Well pumping equipment. 2,345,710; Apr. 4.

Lycan, William H., Milwaukee, Wis., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Plasticised polyvinyl acetal resin. 2,340,482; Feb. 1.

Lycan, William H., and H. L. Gerhart, Milwaukee, Wis., assignors to Pittsburgh Plate Glass Company. Preparation of monomers of cyclopentadiene. 2,349,047; May 16.

Lyem, Arthur, Cumberland, Md., assignor to Celanese Corporation of America. Ornamental materials. 2,356,738; Aug. 15.

Lykken, Henry O. and W. H., Minneapolis, Minn. Pulverizing and classifying machine. 2,362,142; Nov. 7.

Lykken, William H. (See Lykken, Henry O. and W. H.)

Lyle, Fred, Jeffersonville, Pa., assignor to The B. F. Goodrich Company, New York, N. Y. Apparatus for applying tire treads. 2,342,951; Feb. 29.

Lyle, James E., Canton, Ill., assignor to International Harvester Company. Stalk cutter. 2,346,317; Apr. 11.

Lyle, Leascher C., McMinnville, Tenn. Measuring tape. 2,347,273; Apr. 25.

Lyman, Arthur L., Berkeley, and L. H. Mulit, Richmond, assignors to Standard Oil Company of California, San Francisco, Calif. Compounded oil. 2,341,565; Feb. 15.

Lyman, Harold T., Milford, Conn., assignor to General Electric Company. Synchronizing pulse separating circuit. 2,354,032; July 18.

Lyman, Harold T., Milford, Conn., assignor to General Electric Company. Saw-tooth wave generation. 2,360,697; Oct. 17.

Lyman, John R., Springfield, Mass. Method and apparatus for synchronizing magnetos. 2,338,861; Jan. 11.

Lyman, Joseph, Huntington, and E. Norden, Pelham, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Directional apparatus. 2,346,692; Apr. 18.

Lyman, Kenneth E. (See Bagnall, E., and Lyman.)

Lyman, Kenneth E., Lake Forest, assignor to E. Bagnall, Chicago, Ill. Stabilizer. 2,353,574; July 11.

Lyman, Wallace R. (See Wolfert, H. R., and Lyman.)

Lynch, Charles S. (See Whiteley, J. M., Jr., and Lynch.)

Lynch, Charles S. (See Wood, J. E., III, and Lynch.)

Lynch, Charles S., Fanwood, and J. H. Bartlett, Westfield, N. J., assignors to Standard Oil Development Company. Isomerizing paraffins. 2,344,889; Mar. 21.

Lynch Corporation. (See Bennett, Joseph A., assignor.)

Lynch, John L. (See Hammond, Clayson R., assignor.)

Lynch Manufacturing Corporation. (See Sandberg, Oscar, assignor.)

Lynch, Patrick H., Jr., and G. P. McKay, assignors to The John A. McKay Mfg. Company, Dunn, N. C. Stalk cutter. 2,358,583; Sept. 19.

Lyndes, Helen J., Phoenix, Ariz., and M. R. Kies, Cleveland, Ohio. Pocketbook. 2,341,327; Feb. 8.

Lyndes, Helen J., Phoenix, Ariz., and M. R. Kies, Cleveland, Ohio. Pocketbook. 2,358,983; Sept. 26.

Lyne Co. (See Lyons, Joseph L., Jr., assignor.)

Lyness, Horatio S., Lynn, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe. 2,340,603; Feb. 1.

Lynn, Clarence, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Heat-treating. 2,351,987; June 20.

Lynn, George E. (See Coleman, G. H., Fletcher, and Lynn.)

Lynn, Harry H. (See Mosier, E. H., ad Lynn.)

Lynn, John N., Towson, assignor to Rustless Iron and Steel Corporation, Baltimore, Md. Stainless steel process. 2,363,736; Nov. 28.

Lynton, Edward D., Glendale, assignor to Standard Oil Company of California, San Francisco, Calif. Well core investigation. 2,359,135; Sept. 26.

Lyon, George A., Allenhurst, N. J. Wheel cover structure and assembly. Re. 22,428; Feb. 1.

Lyon, George A., Allenhurst, N. J. Wheel structure. 2,343,070; Feb. 29

Lyon, George A., Allenhurst, N. J. Ornamental wheel trim ring. 2,347,206; Apr. 25.

Lyon, George A., Allenhurst, N. J. Wheel structure. 2,353,575; July 11.

Lyon, George A., Allenhurst, N. J. Forming wheel hub caps. 2,358,984; Sept. 26.

Lyon, George A., Allenhurst, N. J. Making cartridge casings. 2,360,353; Oct. 17.

Lyon, George A., Allenhurst, N. J. Cartridge casing and making same. 2,360,354; Oct. 17.

Lyon, George A., Allenhurst, N. J. Wheel assembly. 2,361,406; Oct. 31.

Lyon, Gilbert T., Van Dyke, Mich. Method of and apparatus for flaring tubes. 2,357,748; Sept. 5.

Lyon, Harry, Haverhill, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Automatic finishing machine. 2,357,337; Sept. 7.

Lyon, Harry W., Plymouth, N. C. Game board. 2,338,774; Jan. 11.

Lyon, James, San Diego, Calif. Beak cauterizer for fowl and the like. 2,359,569; Oct. 3.

Lyon, Joseph P., Jr. (See Schulze, W. A., and Lyon.)

Lyon, LaVerne D., Goshen, and J. J. Rothwell, Elkhart, assignors to Penn Electric Switch Co., Goshen, Ind. Tire inflater. 2,344,256; Mar. 14.

Lyon Metal Products, Incorporated. (See Bales, James E., assignor.)

Lyon Metal Products, Incorporated. (See O'Connor, John B., assignor.)

Lyon Metal Products, Incorporated. (See O'Connor, J. B., and Bales, assignors.)

Lyon, Norman W., assignor to Package Machinery Company, Springfield, Mass. Bottle hooding machine. 2,339,860; Jan. 25.

Lyon, Stuart W., Moline, and F. C. Huyser, East Moline, Ill., assignors to American Machine and Metals, Inc., New York, N. Y. Hardness tester. 2,365,348; Dec. 19.

Lyon, Walter E., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Wheel construction. 2,354,444; July 25.

Lyon, William L., and M. E. Lake, South Norwalk, Conn. Self-closing valve for single directional fluid flow. 2,346,223; Apr. 11.

Lyon, William L., and M. E. Lake, South Norwalk, Conn. Self-closing valve for dual directional fluid flow. 2,346,224; Apr. 11.

Lyons, Joseph L., Jr., assignor to Lyne Co., Chicago, Ill. Bottle carrier. 2,339,278; Jan. 18.

Lyons, Sanford C., Bennington, Vt., assignor to Georgia Kaolin Company, Elizabeth, N. J. Producing alumina from clay. 2,354,163; July 18.

Lyons, Sanford C., Bennington, Vt., and D. H. Young, Dry Branch, Ga., assignors to Georgia Kaolin Company, Elizabeth, N. J. Mechanism for extruding moist clay and the like. 2,356,862; Aug. 29.

Lyons, William J., New Orleans, La., assignor to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Spring balance. 2,352,906; July 4.

Lysholm, Alf, Stockholm, Sweden. Internal combustion engine. 2,344,993; Mar. 28.

Lysholm, Alf., Stockholm, Sweden, assignor, by mesne assignments, to J. C. Marble, New York, N. Y., L. M. Merrell, Westfield, N. J., and P. H. Batten, Racine, Wis. Hydraulic coupling. 2,357,338; Sept. 5.

Lysholm, Alf, Stockholm, Sweden, assignor, by mesne assignments, to J. C. Marble, L. M. Merrill, and P. H. Batten, as trustees. Compressor apparatus. 2,358,615; Sept. 26.

Lyte, George A., assignor to Trojan Powder Company, Allentown, Pa. Detonator. 2,360,698; Oct. 17.

Lytle, Arthur R., and W. Morton, Niagara Falls, N. Y., assignors to The Linde Air Products Company. Welding. 2,354,267; July 25.

Lytle, William O. (See Fox, J. H., and Lytle.)

Lytle, William O., New Kensington, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Sign. 2,359,131; Sept. 26.

M. J. B. Company. (See Burns, Wilford E., assignor.)

M. J. B. Company. (See Mignacco, Eugene A., assignor.)

M. L. Trust. (See Greenleaf, R. M., and Hunt, assignors.)

M and M Wood Working Company. (See Behm, Richard D., assignor.)

M and M Wood Working Company. (See Pasquier, Michel, assignor.)

M & R Dietetic Laboratories, Inc. (See Hull, Maurice E., assignor.)

Maag, George A., Stratford, Conn. Airplane construction. 2,340,195; Jan. 25.

Maage, Alfred E., Jr., Milwaukee, Wis. Retractible tailpiece for damper regulators. 2,342,877; Feb. 29.

Maas, Louis A. (See Hruby, John O., Jr., assignor.)

Maatman, Egbert J., and C. J. W. Clasen, assignors to American Steel Foundries, Chicago, Ill. Car truck. 2,362,854; Nov. 14.

Mabee, David W., North Haven, assignor to National Folding Box Company, New Haven, Conn. Hinged cover container. 2,355,665; Aug. 15.

Maben, Daniel E. (See Fish, E. L., and Maben.)

Mabley, Clarence W., Chicago, Ill. Soap leaf. 2,356,168; Aug. 22.

Mabon, Carl R., assignor to Gilman Fanfold Corporation, Niagara Falls, N. Y. Carbon supply and control for writing machines. 2,339,279; Jan. 18.

Macadie, Hugh S., and H. Fraenkel, assignors to The Automatic Coil Winder & Electrical Equipment Company Limited, Westminster, London, England. Ohmmeter. 2,359,779; Oct. 10.

Macalaster Bicknell Company. (See Consolazio, William V., assignor.)

MacAlister, Robert B., and W. A. Wolf, Philadelphia, Pa., assignors to Kee Lox Manufacturing Company, Rochester, N. Y. Sheet containing and collating device. 2,361,698; Oct. 31.

MacAlpine, William M. (See Coss, H. T., MacAlpine, and Hawthorne.)

MacArthur Concrete Pile Corporation. (See Hassett, Paul E., assignor.)

MacArthur, Roger A. (See Greider, H. W., and MacArthur.)

MacArthur, Roger A., and H. W. Greider, Wyoming, Ohio, assignors to The Philip Carey Manufacturing Company. Manufacture of heat insulation structure. 2,348,829; May 16.

Macartney, John H., San Francisco, Calif. Concentrating apparatus. 2,362,706; Nov. 14.

Macartney, John H., and R. S. Stark, assignors of twenty per cent to I. Ruderman, San Francisco, Calif. Prime mover device. 2,362,705; Nov. 14.

Macavoy, Edmund W., Port Washington; M. O. Macavoy, administratrix of said E. W. Macavoy, deceased, assignor to B. F. Goodrich Company, Borough of Manhattan, N. Y. Foot accelerator speed control. 2,349,742; May 23.

Macavoy, Mildred O., administratrix. (See Macavoy, Edmund W.)

Macbeth, Clarence H., Oakland, Calif. Book matches and cover. 2,344,210; Mar. 14.

Macbeth, Colin, Birmingham, assignor of one-half to V. G. Loyd, Camberley, England. Resilient mounting. 2,355,456; Aug. 8.

Macbeth, George T., Bronxville, N. Y. Single port pressure balanced gas regulator. 2,345,824; Apr. 4.

MacBlane, James, Elmira Heights, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Undercutting tool. 2,355,315; Aug. 8.

MacBride, Herbert L., assignor to Tinius Olsen Testing Machine Company, Philadelphia, Pa. Impact tester. 2,359,044; Sept. 26.

MacCarthy, Charles F. (See Biggs, O. H., and MacCarthy.)

MacCarthy, Charles F., Medford, Mass., assignor to General Electric Company. Adapter for discharge lamps. 2,356,601; Aug. 22.

MacCarthy, Donnell D., Pittsfield, Mass., assignor to General Electric Company. Protective system. 2,341,932; Feb. 15.

MacChesney, Chester M., Chicago, Ill. Bowling ball attachment. 2,345,206; Mar. 28.

MacChesney, Chester M., assignor to Acme Steel Company, Chicago, Ill. Apparatus for forming strip metal products. 2,360,247; Oct. 10.

MacChesney, Chester M., Chicago, and A. B. Wilson, Evanston, assignors to Acme Steel Company, Chicago, Ill. Tire cover and package. 2,348,084; May 2.

MacChesney, Chester M., and W. Schroeder, assignors to Acme Steel Company, Chicago, Ill. Method of and apparatus for welding. 2,362,388; Nov. 7.

MacClatchie, John W., Compton, Calif. Starting stall. 2,344,713; Mar. 21.

MacClatchie, John W., Los Angeles, assignor to MacClatchie Manufacturing Company of California, Compton, Calif. Collapsible crown block. 2,341,225; Feb. 8.

MacClatchie Manufacturing Company of California. (See MacClatchie, John W., assignor.)

MacClatchie Manufacturing Company of California. (See Perry, Donald E., assignor.)

MacConnell, Charles W., assignor to Harvey-Wells Communications, Inc., Southbridge, Mass. Forming piezoelectric crystals. 2,353,171; July 11.

MacCordy, Charles A., Fulton, N. Y. Parking meter. 2,349,359; May 23.

MacCorquodale, Donald W. (See Thayer, S. A., Binkley, McKee, MacCorquodale, and Doisy.)
MacCoul, Edward H. (See Treciokas, J. P., and MacCoul.)
MacCreadie, William T., Lewisburg, Pa. Wire rope manufacturing machine. 2,360,783; Oct. 17.
Macdonald, Alan J., Hamilton, Ontario, Canada, assignor to American Can Company, New York, N. Y. Compound measuring device. 2,344,994; Mar. 28.
MacDonald, Angus A., and J. L. Johnson, Catonsville, Md., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Multivibrator. 2,354,071; Aug. 15.
Macdonald, Archie. (See Roxs, F. L., and Macdonald.)
MacDonald, Frank J., Brookline, Mass., assignor to The B. F. Goodrich Company, New York, N. Y. Method and apparatus for making articles of plastic material. 2,358,176; Sept. 12.
MacDonald, Harry L., East Boston, Mass. Precision locating tool. 2,341,107; Feb. 8.
Macdonald, Kenneth W., Watertown, assignor to Compo Shoe Machinery Corporation, Boston, Mass. Sole skiving machine. 2,348,142; May 2.
Macdonald, Kenneth W., Watertown, assignor to Compo Shoe Machinery Corporation, Boston, Mass. Heel seat conforming machine. 2,357,596; Sept. 5.
Macdonald, Lester S., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine for operating on the back parts of shoe uppers. 2,342,154; Feb. 22.
MacDonald, Malcolm. (See Beaton, Joseph R., assignor.)
MacDonald, Raymond E., Westwood, assignor of one-half to E. M. Warwick, Walpole, Mass. Container. 2,338,862; Jan. 11.
MacDonald, Raymore D., Battle Creek, Mich., assignor to International Harvester Company. Control means for manure spreaders. 2,344,317; Mar. 14.
MacDonald, Raymore D., Battle Creek, Mich., assignor to International Harvester Company. Hitch. 2,349,361; May 23.
MacDonald, William R. (See Donovan, J. P., and MacDonald.)
Macdonell, Alexander W., Los Angeles, Calif. Multiple purpose whisk broom holder. 2,361,303; Oct. 24.
MacDowell, Louis G., Jr. (See Toussaint, W. J., and MacDowell.)
MacDowell, Louis G., Charleston, and R. W. McNamee, South Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation. Making tetra-acetals of glyoxal. 2,360,957; Oct. 24.
MacDowell, Louis G., Lakeland, Fla., and R. W. McNamee, South Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation. Making tetra-acetals of glyoxal. 2,360,959; Oct. 24.
Mace, Arthur T., East Cleveland, assignor to The Radiart Corporation, Cleveland, Ohio. Antenna. 2,343,684; Mar. 7.
Mace, Arthur T., East Cleveland, assignor to The Radiart Corporation, Cleveland, Ohio. Radio antenna. 2,360,248; Oct. 10.
MacFadden, Wilford C., Philadelphia, Pa., assignor to Cinch Manufacturing Corporation, Chicago, Ill. Electrical terminal connector. 2,360,701; Oct. 17.
MacFarland, Allison M. (See Nelson, G. H., and MacFarland.)
MacFarland, Allison M., Freeport, assignor to Burgess Battery Company, Chicago, Ill. Dry cell apparatus. 2,355,985; Aug. 15.
MacFarland, Charles H., Rocky River, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. 2,359,137; Sept. 26.
Macfarlane, Robert F., Osterley, and C. Dumbleton, assignors to Baker Perkins Limited, Peterborough, England. Transporting biscuits or like articles. 2,355,879; Aug. 15.
MacGahan, Paul, Orange, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Detachable instrument. 2,363,345; Nov. 21.
Macgill, Charles D., assignor to Barr and Stroud Limited, Anniesland, Glasgow, Scotland. Optical sighting apparatus. 2,339,578; Jan. 18.
Macgill, Charles D., assignor to Barr & Stroud, Limited, Glasgow, Scotland. Sight for guns. 2,364,152; Dec. 5.
MacGill, Kenneth T., Berwyn, Ill., assignor to Continental-Diamond Fibre Company, Newark, Del. Bearing. 2,339,845; Jan. 18.
MacGraham, Harry C., Wellesley Hills, Mass. Lever mechanism. 2,349,507; May 23.
MacGregor, Basil N., and R. O. Scofield, Warren, Ohio, assignors to General Motors Corporation, Detroit, Mich. Wire coating apparatus. 2,341,731; Feb. 15.
MacGregor, James H., Braintree, assignor to Courtaulds Limited, London, England. Treatment of cellulosic textile materials. 2,356,477; Aug. 22.
MacGregor, James H., Bocking, Braintree, assignor to Courtaulds Limited, London, England. Improving the fastness to washing of dyed cellulosic textile materials. 2,362,915; Nov. 14.
MacGregor, John, et al., trustee. (See Abbott, P. D., and Graney, assignors.)
MacGregor, Laurence B., Long Beach, assignor, by direct and mesne assignments, to L & M Rubber Products, Inc., Long Beach, Calif. Transmission gearing. 2,355,666; Aug. 15.
MacGregor, Peter G., Pequannock, assignor to Pyrene Manufacturing Company, Newark, N. J. Airplane fire extinguishing apparatus and method. 2,340,006; Jan. 25.
MacGregor, Wallace F., deceased, by R. D. Miller and E. B. Hand, administrators, assignors to J. I. Case Company, Racine, Wis. Combination harvester-thresher. 2,354,346; July 25.
MacGregor, William F., Toronto, Ontario, Canada, assignor to General Electric Company. Flashing lamp. 2,361,485; Oct. 31.
MacGregor, William F., Toronto, Ontario, Canada, assignor to General Electric Company. Flashing incandescent lamp. 2,361,486; Oct. 31.
Macha, Hynek A., Tahoka, Tex. Cotton harvesting machine. 2,355,880; Aug. 15.
Machado, Anthony B., Oakland, Calif., assignor to Friden Calculating Machine Co., Inc. Calculating machine. 2,363,737; Nov. 28.
Machemer, Hans, Burghausen, Germany; vested in the Alien Property Custodian. Condensation of primary aliphatic aldehydes. 2,345,138; Mar. 28.
MacHenry, Carl. (See Karr, H. M., and MacHenry.)
Machin, Willis H., Middlebury, assignor to Scovill Manufacturing Company, Waterbury, Conn. Lipstick container. 2,357,752; Sept. 5.
Machine and Tool Designing Company. (See Pecker, J. S., and Simpson, assignors.)
Machine & Tool Designing Co. (See Pickens, Madison D., assignor.)
Machine & Tool Designing Company. (See Pickens, M. D., and Pecker, assignors.)
Machine and Tool Designing Company. (See Simpson, Henry A., assignor.)
Machinery Manufacturing Co. (See Huthsing, L. B., and Gregory, assignors.)
Machinery Sales Company. (See Hammond, William D. D., assignor.)
Machinist, Harold, assignor to Dudley Lock Corporation, Chicago, Ill. Electric control device. 2,357,122; Aug. 29.
Machlett Laboratories, Inc. (See Machlett, Raymond R., assignor.)
Machlett, Raymond R., assignor to Machlett Laboratories Incorporated, New Canaan, Conn. High tension apparatus. 2,343,381; Mar. 7.
Machlett, Raymond R., New Canaan, assignor to Machlett Laboratories Incorporated, Springdale, Conn. X-ray tube. 2,347,424; Apr. 25.
Machlett, Raymond R., New Canaan, assignor to Machlett Laboratories, Inc., Springdale, Conn. Making bearings. 2,354,763; Aug. 1.
Machlin, Leon G., New York, N. Y., and E. B. Kriegsfeld, assignors to Metal Tone Corporation, Jersey City, N. J. Musical device. 2,346,444; Apr. 11.
MacIntire, Walter H., Knoxville, Tenn., assignor to American Zinc, Lead & Smelting Company, St. Louis, Mo. Processing dolomite. 2,343,151; Feb. 29.
Macintosh, Robert R., Oxford, England, assignor to The Foregger Company, Inc. Laryngoscope. 2,354,471; July 25.
MacIver, Charles P. (See Beckwith, E. L., and MacIver.)
Mack, Carl T., et al. (See McFall, Robert J., assignor.)
Mack, Charles, Courtright, Ontario, Canada, assignor, by mesne assignments, to Standard Catalytic Company. Preparing paving mixtures. 2,339,231; Jan. 11.
Mack, Edward A., Huntington, W. Va., assignor to Oliver Iron and Steel Corporation, Allegheny County, Pa. Reinforced insulator pin. 2,345,404; Mar. 28.
Mack, Gerry, Jackson Heights, N. Y., assignor to Advance Solvents and Chemical Corporation. Adhesive composition of matter. 2,349,506; May 23.
Mack, Gerry, Jackson Heights, N. Y., assignor to Advance Solvents and Chemical Corporation. Materials for creaming latex and like materials. 2,354,531; July 25.
Mack, Gerry P., Jackson Heights, assignor to Advance Solvents & Chemical Corporation, New York, N. Y. Plasticizers and tackifiers for rubber, waxes, and the like. 2,357,676; Sept. 5.
Mack Manufacturing Corporation. (See Bull, Kenneth D., assignor.)
Mack Manufacturing Corporation. (See Greathouse, John F., assignor.)
Mack Manufacturing Corporation. (See Heiny, John W., assignor.)
Mack Manufacturing Corporation. (See Robbins, Asor D., assignor.)
MacKay, Denver R., Buffalo, N. Y. Fighting forest fires. 2,359,573; Oct. 3.
MacKay, John A., Barberton, and C. H. Nagel, Akron, assignors to The Sun Rubber Company, Barberton, Ohio. Method and apparatus for making sponge rubber cushions or like articles. 2,364,036; Nov. 28.
MacKay, John D., Morristown, N. J. Propeller blade measuring apparatus. 2,358,987; Sept. 26.
Mackay, John R., West Caldwell, assignor to Wallace & Tiernan Products, Inc., Belleville, N. J. Sound signal apparatus. 2,340,604; Feb. 1.

MacKay, John R., West Caldwell, assignor to Wallace & Tiernan Products, Inc., Belleville, N. J. Signal device. 2,342,085; Feb. 15.
MacKay, John R., West Caldwell, assignor to Wallace & Tiernan Products, Inc., Belleville, N. J. Radiometerograph receiving relay apparatus. 2,354,086; July 18.
MacKay, Lauchlin J., Chapman Camp, British Columbia, Canada. Utensil cover. 2,350,243; May 30.
Mackay Radio and Telegraph Company. (See Kirkland, Robert D., assignor.)
MacKay, Robert, Cook County, Ill., assignor to Alco-Gravure Division of Publication Corporation, New York, N. Y. Preparing printing surfaces. 2,343,685; Mar. 7.
MacKen, Harold I., New York, N. Y., assignor to American Telephone and Telegraph Company. Telephone measuring system. 2,350,177; May 30.
Mackensen, William, New York, assignor to Industrial Exploitation Corp., Long Island City, N. Y. Shoe and outsole therefor. 2,366,039; Dec. 26.
Mackenzie, Donald M., Vancouver, British Columbia, Canada, assignor to Magnetic Control Gate, Inc., Arcadia, Calif. Starting gate. 2,354,821; Aug. 1.
Mackenzie, Franklin H., Lansdowne, Pa., assignor, by mesne assignments, to Alexander Smith & Sons Carpet Company, Yonkers, N. Y. Reinforcement and molded article containing the same. 2,349,975; May 30.
Mackenzie, John F., Liverpool, England, assignor, by mesne assignments, to Automatic Electric Laboratories, Inc., Chicago, Ill. Electrical signalling system. 2,348,399; May 9.
MacKenzie, Neal T., assignor to General Timber Service, Inc., St. Paul, Minn. Farm gate. 2,346,110; Apr. 4.
MacKenzie, Neal T., assignor to General Timber Service, Inc., St. Paul, Minn. Picket fence. 2,346,111; Apr. 4.
MacKenzie, Neal T., assignor to General Timber Service, Inc., St. Paul, Minn. Downspout of wood for gutters. 2,353,113; July 4.
MacKenzie, Neal T., assignor to General Timber Service, Inc., St. Paul, Minn. Sectional wood building. 2,359,715; Oct. 3.
MacKenzie, Neal T., assignor to General Timber Service, Inc., St. Paul, Minn. Roof ventilator. 2,359,716; Oct. 3.
MacKenzie, Neal T., assignor to General Timber Service, Inc., St. Paul, Minn. Fence post. 2,360,432; Oct. 17.
MacKenzie, Wilbur L., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Sole preparing machine. 2,353,738; July 18.
MacKenzie, Wilbur L., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Sole margin cementing machine. 2,354,216; July 25.
MacKenzie, Wilbur L., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe-bottom-coating machine. 2,354,326; July 25.
Mackey, Alexander S., assignor to Ketchum Manufacturing Co., Limited, Ottawa, Ontario, Canada. Seal. 2,343,564; Mar. 7.
Mackey, Bill H. (See Desetti, G. E., Dew, Mackey, and Woodbridge.)
Mackey, Bill H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacturing smokeless powder. 2,342,204; Feb. 22.
Mackey, Bill H., and P. R. Milus, assignors to E. I. du Pont de Nemours and Company, Wilmington, Del. Smokeless powder. 2,349,048; May 16.
Mackey, Henry W. (See Lane, C. M., and Mackey.)
Mackie, James, & Sons Limited. See Mackie, John P., assignor.)
Mackie, John P., assignor to James Mackie & Sons Limited, Belfast, Northern Ireland. Yarn-traversing device 2,342,353; Feb. 22.
Mackinnon, Thomas J. (See Boyce, Reginald D., assignor.)
Mackintosh-Hemphill Company. (See McConnell, William M., assignor.)
MacLagan, Allan R. (See Followill, B. S., and MacLagan.)
MacLagan, Carl F. (See Bradshaw, L., and MacLagan.)
Macklanburg, Louis A., Oklahoma City, Okla. Weather strip. 2,345,273; Mar. 28.
MacLaren, Fred B., Jr., assignor to The Bristol Company, Waterbury, Conn. Protective device. 2,340,606; Feb. 1.
MacLaren, Frederick H. (See Adams, E. W., and MacLaren.)
MacLaren, Frederick H. (See White, C. N., and MacLaren.)
MacLaren, Frederick H., Munster, and E. W. Adams, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Coating composition. 2,356,863; Aug. 29.
Maclaren, Owen F., and L. E. Baynes, assignors to Maclaren Undercarriage Company, Limited, London, England. Aircraft alighting gear. 2,345,405; Mar. 28.
Maclaren Undercarriage Company, Limited. (See Maclaren, O. F., and Baynes, assignors.)
MacLean, Allen D., Pittsburgh, F. H. Kindl, Wilkinsburg, and H. J. Evans, Export, assignors to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Automatic pressure loader. 2,365,713; Dec. 26.
MacLean, Donald, Middlechurch, Manitoba, and J. E. Eldridge and P. Cravits, Jr., Winnipeg, Manitoba, Canada. Shocking harvester. 2,353,172; July 11.
MacLean-Fogg Lock Nut Company. (See Doke, Ernest G., assignor.)
MacLean-Fogg Lock Nut Company. (See MacLean, John A., Jr., assignor.)
MacLean-Fogg Lock Nut Company. (See MacLean, J. A., Jr., McNaught, and Doke, assignors.)
MacLean, John A., Jr., Winnetka, assignor to MacLean-Fogg Lock Nut Company, Chicago, Ill. Floor securing clip. 2,360,004; Oct. 10.
MacLean, John A., Jr., Winnetka, N. F. McNaught, River Forest, and E. G. Doke, Evanston, assignors to MacLean-Fogg Lock Nut Company, Chicago, Ill. Floor clip. 2,355,986; Aug. 15.
MacLeod, Robert M., East Pasadena, assignor to Vard, Inc., Pasadena, Calif. Plotting machine. 2,364,153; Dec. 5.
MacMahon, James D., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Acid aqueous solutions of chlorites. 2,358,866; Sept. 26.
MacManus, John, Yonkers, assignor to Cushman's Sons, Inc., New York, N. Y. Manufacture of coffee rings. 2,365,349; Dec. 19.
MacMillan, Charles W., Detroit, Mich. Valve mechanism. 2,338,292; Jan. 4.
MacMillan, Royal J., assignor of one-third to F. M. Lewis and one-third to W. C. Kregel, St. Paul, Minn. Bowling score sheet table. 2,358,524; Sept. 19.
MacMillin, Howard F., and J. A. Muller, Mount Gilead, Ohio, assignors to The Hydraulic Development Corporation, Inc., Wilmington, Del. Press. 2,354,034; July 18.
MacMullin, Robert B., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Chemical manufacture. 2,340,398; Feb. 1.
MacNeil, Charles I., Glen Ridge, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Synchroscope. 2,342,057; Feb. 15.
MacNeil, Charles I., Glen Ridge, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Hydraulic apparatus. 2,364,301; Dec. 5.
MacNeil, Charles S. J. (See Blanchard, W. J., and MacNeil.)
MacNeill, Frank L., assignor to Standard Paper Goods Mfg. Co., Worcester, Mass. Dispensing apparatus. 2,364,231; Dec. 5.
MacNeille, Stephen M., assignor to Eastman Kodak Company, Rochester, N. Y. Projection screen. 2,338,654; Jan. 4.
MacNeille, Stephen M., assignor to Eastman Kodak Company, Rochester, N. Y. Projection screen. 2,362,573; Nov. 14.
MacNutt, Arthur D., Kenmore, assignor to Certain-Teed Products Corporation, New York, N. Y. Covering material. 2,353,680; July 18.
Macomber, Thomas W., Mountain View, Calif. Aircraft control system. 2,352,334; June 27.
MacQueen, Walter F., et al., administrators. (See Hillman, Edward H.)
MacSorley, John F., Wenonah, assignor to Hungerford & Terry, Inc., Clayton, N. J. Distributing head for the manifolds of filters or like devices. 2,360,958; Oct. 24.
MacSporran, Charles, Detroit, Mich., assignor to Phillips Petroleum Company. Valve. 2,365,423; Dec. 19.
Macwhyte Company. (See Russell, William C., assignor.)
MacWilliam, Wallace, Nutley, assignor to Resistoflex Corporation, Belleville, N. J. Forming deposits by spraying. 2,365,225; Aug. 8.
Macy, Edgar O. (See Sprigg, E. A., and Macy.)
Macy, Oliver W., Logansport, Ind., assignor to Logansport Machine, Inc. Fluid control valve. 2,340,399; Feb. 1.
Madan, Edward K., Maplewood, N. J. Flashlight. 2,358,867; Sept. 26.
Madden, Charles L. (See Hersey, A. J., and Madden.)
Madeira, John R., assignor to Goodman Manufacturing Company, Chicago, Ill. Junction box. 2,339,496; Jan. 18.
Mader, Herbert. (See Berg, H., and Mader.)
Madison, Richard D., Snyder, assignor to Buffalo Forge Company, Buffalo, N. Y. Spray nozzle. 2,358,177; Sept. 12.
Madland, Thorvald, Chicago, Ill., assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Door construction. 2,363,135; Nov. 21.
Madsen, Berthel F., assignor to Teletype Corporation, Chicago, Ill. Printing telegraph apparatus. 2,338,122; Jan 4.
Madsen, Martin and W. M., Alhambra, Calif. Combined elevator and rock picker. 2,363,682; Nov. 28.
Madsen, Paul S., Bethany, assignor to The Seamless Rubber Company, New Haven, Conn. Water bag. 2,356,602; Aug. 22.
Madsen, Paul S., Bethany, assignor to The Seamless Rubber Company, New Haven, Conn. Adhesive tape dispensing device. 2,364,461; Dec. 5.
Madsen, Walter M. (See Madsen, Martin and W. M.)
Madson, Harold R., Glen Ellyn, assignor to Welding Apparatus Company, Chicago, Ill. Welder's helmet. 2,339,280; Jan. 18.

Maechtlen, Lawrence G. (See Bierenfeld, J., and Maechtlen.)
Maeder, Abbott S. (See Cooke, W. T., and Maeder.)
Maeder, Henry A. (See Clewell, D. H., and Maeder.)
Magazine Repeating Razor Company. (See Karle, John D., assignor.)
Magazine Repeating Razor Company. (See Kuhni, Leopold, assignor.)
Magazine Repeating Razor Company. (See Reyburn, John R., assignor.)
Magee, Robert B., assignor to The Buckeye Traction Ditcher Company, Findlay, Ohio. Tractor mounted winch. 2,340,548; Feb. 1.
Magee, Robert B., assignor to The Buckeye Traction Ditcher Company, Findlay, Ohio. Power control unit. 2,343,465; Mar. 7.
Magee, Robert B., assignor to The Buckeye Traction Ditcher Company, Findlay, Ohio. Brake band structure for winches. 2,357,212; Aug. 29.
Magee, Robert C., Dayton, Ohio. Aircraft propeller. 2,356,772; Aug. 29.
Magerfox, Harry Y., assignor to Electric Service Supplies Company, Philadelphia, Pa. Clutch for fare registers. 2,347,425; Apr. 25.
Mager, Adolf. (See Lautenschläger, Lindner, Mager, and Bartholomäus.)
Mager, Adolph. (See Lautenschläger, C. L., Lindner, and Mager.)
Magg, Wolfgang J., Melbourne, Victoria, Australia. Oil burning heating stove. 2,352,335; June 27.
Magg, Gilbert P., Brooklyn, N. Y. Frost mask. 2,344,920; Mar. 21.
Maggio, John B., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Cathode ray tube circuit. 2,360,356; Oct. 17.
Magic Duplex Sign Company, The. (See Pullen, Harry, assignor.)
Magic Duplex Sign Company, The. (See Walbridge, Alvin E., assignor.)
Magielnicki, John S. (See Shepard, S. W., and Magielnicki.)
Magideon, Frank, Pittsburgh, Pa., assignor to Pittsburgh Tag Company. Apparatus for making one-piece cloth marking tags. 2,342,692; Feb. 22.
Magill, Donald G. (See Morton, Wirt, and Magill.)
Magill, Donald G., Great Neck, assignor to American Can Company, New York, N. Y. Explosive container. 2,353,739; July 18.
Magill, Donald G., Great Neck, assignor to American Can Company, New York, N. Y. Container overcap and applying same. 2,357,837; Sept. 12.
Magill, Paul La Frone, Ransomville, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Transmitting power and fluid agent therefor. 2,342,414; Feb. 22.
Magill-Weinsheimer Company. (See Rasmussen, Frank H., assignor.)
Maginniss, Hamilton J., and L. A. Amtsberg, Cleveland, Ohio, assignors to Chicago Pneumatic Tool Company, New York, N. Y. Hoist. 2,361,858; Oct. 31.
Magis, Auguste A. G., Paris, France; vested in the Alien Property Custodian. Single-action high-speed multicylinder pump. 2,359,486; Oct. 3.
Magnaflux Corporation. (See de Forest, A. V., and Doane, assignors.)
Magnaflux Corporation. (See de Forest, Taber, assignor.)
Magnaflux Corporation. (See de Forest, Taber and A. V., assignors.)
Magnavox Company, The. (See Clark, Richard U., assignor.)
Magnavox Company, The. (See Dunleavey, Frank S., assignor.)
Magnavox Company, The. (See Dunleavey, F. S., and Clark, assignors.)
Magnavox Company, The. (See Pridham, Edwin S., assignor.)
Magnenat, René P., assignor to The Waterbury Button Company, Waterbury, Conn. Plastic hinge cap. 2,342,477; Feb. 22.
Magner, Richard. (See Pulfrich, H., and Magner.)
Magnesen, Charles D., Chicago, Ill., assignor to The Magnesen Seal and Closure Company. Closure for bottles, jars, and other containers. 2,339,343; Jan. 18.
Magnesen, Charles D., Chicago, Ill. Closure for bottles, jars and similar containers. 2,347,605; Apr. 25.
Magnesen Seal and Closure Company, The. (See Magnesen, Charles D., assignor.)
Magnesium Elektron Limited. (See Bushrod, Charles J., assignor.)
Magnesium Elektron Limited. (See Roper-Lowe, Frank, and Sandison, assignors.)
Magnetic Analysis Corporation. (See Zuschlag, Theodore, assignor.)
Magnetic Control Gate, Inc. (See Mackenzie, Donald M., assignor.)
Magnetic Devices, Inc. (See Price, Osborne I., assignor.)
Magnetic Products Corporation. (See Bindschedler, T. S., and Davis, assignors.)
Magnetone Inc. (See Begun, Semi J., assignor.)
Magnoflux Corporation. (See Clarke, John E., assignor.)
Magnus, Carl E. (See Pearson, P. E., and Magnus.)
Magnus, Elmer G., assignor to The W. J. Fitzpatrick Company, Chicago, Ill. Comminuting machine. 2,348,916; May 16.
Magnus, Finn H., West Caldwell, N. J. Harmonica. 2,339,790; Jan. 25.
Magnus, Finn H., West Caldwell, N. J. Harmonica. 2,340,333; Feb. 1.
Magnus, Finn H., West Caldwell, N. J. Harmonica. 2,348,830; May 16.
Magnus, George A., and S. Aronoff, Dayton, Ohio. Camera shutter. 2,347,609; May 2.
Magnus Metal Corporation. See Dodd, Louis C., assignor.)
Magnuson, Roy M., Campbell, assignor to Food Machinery Corporation, San Jose, Calif. Pressure regulator. 2,342,001; Feb. 15.
Magnusson, Folke G. R., Stockholm, Sweden. Continuous elevator. 2,365,714; Dec. 26.
Magnusson, Joseph, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Container separating apparatus. 2,363,189; Nov. 21.
Magrini, Pete G. (See Grein, E. F., and Magrini.)
Magruder, Peyton M., Stoneleigh, assignor to The Glenn L. Martin Company, Baltimore, Md. Structural member. 2,360,433; Oct. 17.
Magrum, Gervase M., Buffalo, N. Y., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Hydraulic shock absorber valving assembly. 2,358,983; Sept. 26.
Magrum, Gervase M., and H. L. Chisholm, Jr., Buffalo, N. Y., assignors, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Rotary hydraulic pump and pressure control valving therefor. 2,340,196; Jan. 25.
Magrum, Gervase M., H. L. Chisholm, Jr., and A. D. Hodge, Buffalo, N. Y., assignors to Houdaille-Hershey Corporation, Detroit, Mich. Oil temperature regulating structure. 2,353,577; July 11.
Maguire Industries, Incorporated. (See Devol, G. C., and Langstroth, assignors.)
Maguire Industries, Incorporated. (See Pollock, Robert T., assignor.)
Magurn, Charles H., Arlington, Mass., assignor to The B. F. Goodrich Company, New York, N. Y. Coating shoe surfaces. 2,362,574; Nov. 14.
Magyarits, Frans, et al. (See Olassy, Joseph M., assignor.)
Maha, Otto J. (See Peterson, V. W., and Maha.)
Mahan, Clarence E., Hawthorne, Nev. Internal-combustion engine. 2,350,626; June 6.
Maher, Joseph L. (See Hays, H. L., and Maher.)
Maher, Laurence C., Asbury Park, N. J. Antibackfire device for internal combustion engines. 2,340,071; Jan. 25.
Maheras, Constantinos J., Lomita, Calif. Automatic vehicle or airplane control apparatus. 2,339,497; Jan. 18.
Mahla, Walter T. (See Ericsson, K. A., and Mahla.)
Mahler, Adam G., New York, N. Y. Ground pulverizer. 2,356,072; Aug. 15.
Mahler, John S., East Orange, N. J. Safety razor accessory. 2,349,183; May 16.
Mahler, Joseph, Brookline, Mass., assignor to Polaroid Corporation, Dover, Del. Forming images. 2,346,774; Apr. 18.
Mahler, Joseph, Brookline, Mass., assignor to Polaroid Corporation, Dover, Del. Fixing agent and fixing colloid reliefs. 2,346,775; Apr. 18.
Mahlke, Bruno, Kenosha, Wis., assignor to Norman C. Gross, Milwaukee, Wis. Evacuator for fruit jars. 2,339,791; Jan. 25.
Mahlmeister, Elwood T. (See Shults, F. A., Speckman, Woolley, Mahlmeister, and Barnum.)
Mahlmeister, Louis J. (See Aller, W. F., and Mahlmeister.)
Mahlstedt, John F., Los Angeles, Calif. Draft regulating means for heaters. 2,362,144; Nov. 7.
Mahlstedt, John F., Los Angeles, assignor to Scheu Products Company, Ltd., Upland, Calif. Automatic draft regulator for orchard heaters. 2,362,285; Nov. 7.
Mahnke, Kurt, Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Windlass device. 2,342,810; Feb. 29.
Mahoney, Benjamin F., Beverly Hills, Calif. Instrument for indicating the rate of temperature or pressure change. 2,340,544; Feb. 1.
Mahoney, Bertram W. (See Reed, G. M., and Mahoney.)
Mahoney Chair Company. (See Heddens, Lawrence A., assignor.)
Mahoney Chair Company. (See Travers, Lewis C., assignor.)
Mahoney, Frank C. (See Lots, A. F. C., and Mahoney.)
Mahoney, James C., Manila, P. I. Preparation of a sugar. 2,357,838; Sept. 12.
Mahoney, John J., Jr., Lynbrook, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Cathode ray intensity control circuit. 2,343,988; Mar. 14.
Mahoning Paint and Oil Company, The. (See Hatcher, George R., assignor.)
Mahren, Arthur, Long Island City, N. Y., assignor to Federal Telephone and Radio Corporation, Newark, N. J. Measuring device. 2,358,462; Sept. 19.
Mahurin, Allen G., Seal Beach, Calif. Potential indicator. 2,363,799; Nov. 28.

Mai, Luigi, Nice, France; vested in the Alien Property Custodian. Atomiser for liquids. 2,342,288; Feb. 22.
Maico Company Incorporated, The. (See Faitico, Frank J., assignor.)
Maico Company, The. (See Woodmark, Glenn E., assignor.)
Maiden Form Brassière Company. (See Rosenthal, William, assignor.)
Maiden Form Brassiere Company. (See Turrisi, Antonio, assignor.)
Maier, Albert. (See Guter, A., and Maier.)
Maier, Carl E., assignor to Blackstone Manufacturing Co., Inc., Chicago, Ill. Auxiliary ignition system for internal-combustion engines. 2,354,035; July 18.
Maier, Charles G., Oakland, Calif., assignor to The Dow Chemical Company, Midland, Mich. Treating and reducing chromium chloride. 2,341,844; Feb. 15.
Maier, Charles G., Oakland, Calif., assignor to The Dow Chemical Company, Midland, Mich. Treatment of chromium ores. 2,349,601; May 30.
Maige, George D., El Dorado, Ark. Flush valve actuator. 2,357,213; Aug. 29.
Maillart, Edmond B., Media, assignor to Frederick M. Bowers, Chester, Pa. Filter glass holder. 2,353,682; July 18.
Main, Charles T., Inc. (See Moncrieff, Ray A., assignor.)
Main, William R., Delanco, N. J. Connector for electric wires. 2,355,387; Aug. 8.
Maine Steel, Inc. (See Woodbury, John B., assignor.)
Mainwaring, Walter E., Schenectady, N. Y., assignor to General Electric Company. Hydraulic jack. 2,354,036; July 18.
Mainwaring, Walter E., Schenectady, N. Y., assignor to General Electric Company. Hydraulic jack and brake arrangement for vertical generators and the like. 2,354,037; July 18.
Mair, Hugh, Cranford, assignor to The Distillers Company Limited, Linden, N. J. Capping machine. 2,351,348; June 13.
Mair, Hugh, Cranford, assignor to The Distillers Company Limited, Linden, N. J. Capping machine. 2,351,349; June 13.
Maire, Georges, La Chaux de Fonds, Switzerland. Watch crystal assembly tool. 2,338,343; Jan. 4.
Maize, Paul F., assignor to Briggs Manufacturing Company, Detroit, Mich. Bending machine. 2,342,745; Feb. 29.
Maizel, Ben, assignor to Vico Products Company, Chicago, Ill. Treatment of vitamin extracts. 2,364,639; Dec. 12.
Majestic Company, The. (See Triggs, Kenneth F., assignor.)
Majestic Manufacturing Company. (See Jones, Edwin A., assignor.)
Majestic Metal Specialties, Inc. (See Picinich, Charles, assignor.)
Majneri, Ludwig A., Grosse Pointe, assignor to The Warner Aircraft Corporation, Detroit, Mich. Pressure control device. 2,342,878; Feb. 29.
Majneri, Ludwig A., Grosse Pointe, assignor to The Warner Aircraft Corporation, Detroit, Mich. Fluid pressure control device. 2,366,119; Dec. 26.
Major, Randolph T., Plainfield, C. C. Christman, Colonia, and K. Folkers, Plainfield, assignors to Merck & Co., Inc., Rahway, N. J. Hydrogenation of diethylstilboestrol. 2,350,361; June 6.
Majorie, Anthony, Fort Lee, N. J. Step construction for embroidery machines. 2,345,680; Apr. 4.
Majors, John, Muskegon, Mich. Mandrel. 2,356,678; Aug. 22.
Makaroff, Vadim S., New York, N. Y. Booster and economising system for air compressors. 2,339,066; Jan. 11.
Makaroff, Vadim S., New York, N. Y. Lifting device. 2,340,764; Feb. 1.
Makaroff, Vadim S., New York, N. Y. Hull for high-speed boats and the like. 2,361,556; Oct. 31.
Makaroff, Vadim S., New York, N. Y. High-speed boat. 2,364,541; Dec. 5.
Makino, William M., Stamford, Conn. Coffee or tea pot. 2,338,251; Jan. 4.
Makowski, Thaddeus F., Cicero, Ill. Vacuum shield for containers. 2,343,197; Feb. 29.
Makowsky, J., Corporation. (See Van Rosen, Robert, assignor.)
Makuh, George, assignor to Electric Heat Control Company, Cleveland, Ohio. Electrical testing. 2,351,441; June 13.
Malabar Machine Company. (See Grime, Edward P., assignor.)
Malachowski, Bronislaus T., Detroit, Mich. Clutch mechanism. 2,350,627; June 6.
Malagrino, Francesco, Torino, Italy; vested in the Alien Property Custodian. Device for cutting threads sidewise with automatically withdrawing tool. 2,338,951; Jan. 11.
Malarkey, Daniel B. (See Foley, J. L., and Malarkey.)
Malco, Inc. (See Dorfman, John, assignor.)
Malcolm, Harold O., Augusta, Kans., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Mixing jet apparatus. 2,357,266; Aug. 29.
Malcolm, Messrs. R., Limited. (See Lobelle, Marcel J. O., assignee.)
Malcom, Robert, Chicago, Ill., assignor to Chicago Eye Shield Company. Ophthalmic mounting. 2,354,603; July 25.
Malcom, Robert, Chicago, Ill., assignor to Chicago Eye Shield Company. Underwater goggle. 2,362,917; Nov. 14.
Malcom, Robert, Chicago, Ill., assignor to Chicago Eye Shield Company. Goggle. 2,364,584; Dec. 5.
Malczewski, Jérémi, Lyon, France; vested in the Alien Property Custodian. Device for controlling multiple shutters. 2,338,449; Jan. 4.
Malczewski, Jérémi, Lyon, France; vested in the Alien Property Custodian. Construction of turbomachines. 2,344,444; Mar. 14.
Malczewski, Jérémi, Lyon, France; vested in the Alien Property Custodian. Ignition circuits. 2,361,699; Oct. 31.
Maleckl, Albert S. (See De Haes, Jerome, assignor.)
Malhiot, Clarence J. (See Milmoe, M. J., and Malhiot.)
Malhiot, Clarence J., Oak Park, assignor to F. B. Redington Co., Chicago, Ill. Packaging apparatus. 2,340,835; Feb. 1.
Malhiot, Clarence J., Oak Park, assignor to F. B. Redington Co., Chicago, Ill. Sealing apparatus. 2,346,776; Apr. 18.
Malhiot, Clarence J., Oak Park, assignor to F. B. Redington Co., Chicago, Ill. Feeding mechanism for wrapping machines. 2,350,244; May 30.
Malhiot, Clarence J., Oak Park, assignor to F. B. Redington Co., Chicago, Ill. Stamp feeding and gluing mechanism. 2,352,554; June 27.
Malhiot, Clarence J., Oak Park, assignor to F. B. Redington Co., Chicago, Ill. Conveyer. 2,358,292; Sept. 12.
Malhiot, Eugene L., Maywood, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Article forming apparatus. 2,343,406; Mar. 7.
Malhiot, Eugene L., Maywood, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Assembling apparatus. 2,349,878; May 30.
Malhiot, Eugene L., Maywood, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Article assembling apparatus. 2,351,279; June 13.
Malhiot, Eugene L., Maywood, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Article forming apparatus. 2,357,902; Sept. 12.
Malik, Joseph M., Toccoa, Ga., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Center finding device. 2,341,875; Feb. 15.
Mallard, Logan L., Norfolk, Va. Ice cube tray. 2,340,674; Feb. 1.
Mallard, Logan L., Norfolk, Va. Freezing tray with ice release. 2,340,675; Feb. 1.
Mallard, Logan L., Norfolk, Va. Individual freezing cup with ice release. 2,340,676; Feb. 1.
Mallard, Logan L., Norfolk, Va. Freezing tray with ice release cam structure. 2,343,565; Mar. 7.
Mallard, Logan L., Norfolk, Va. Ice mold with positive atmospheric release. 2,345,206; Mar. 28.
Mallard, Logan L., Norfolk, Va. Combined bottle closure and dispenser. 2,348,014; May 2.
Mallard, Logan L., assignor of one-half to H. C. Hofheimer, II, Norfolk, Va. Ice cube tray. 2,360,249; Oct. 10.
Mallard, Logan L., Norfolk, Va. Combination circular ice mold and freeing tool. 2,360,250; Oct. 10.
Mallard, Logan L., Norfolk, Va. Flexible grid and leverage ice release. 2,360,251; Oct. 10.
Mallina, Rudolph F. (See Hickman, C. N., and Mallina.)
Mallina, Rudolph F., Hastings on Hudson, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Impulse transmitting device. 2,341,933; Feb. 15.
Mallina, Rudolph F., Hastings on Hudson, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Switching apparatus. 2,342,552; Feb. 22.
Mallina, Rudolph F., Hastings on Hudson, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Alternating current generator. 2,348,352; May 9.
Mallina, Rudolph F., Hastings on Hudson, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Switching mechanism. 2,348,353; May 9.
Mallina, Rudolph F., Hastings on Hudson, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Call transmitter. 2,352,723; July 4.
Mallina, Rudolph F., Hastings on Hudson, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Call transmitter. 2,352,724; July 4.
Mallina, Rudolph F., Hastings on Hudson, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Slide card transiator. 2,361,859; Oct. 31.
Mallina, Rudolph F., Hastings on Hudson, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Switching mechanism. 2,363,683; Nov. 28.
Mallina, Rudolph F., Hastings on Hudson, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Material forming apparatus. 2,364,989; Dec. 12.
Mallinckrodt, Charles O. (See Kreer, J. G., Jr., and Mallinckrodt.)
Mallinckrodt Chemical Works. (See Jones, David M., assignor.)
Mallinckrodt Chemical Works. (See Stoughton, Roger W., assignor.)

Mallinckrodt Chemical Works. (See Wallingford, Vernon H., assignor.)
Mallinckrodt Chemical Works. (See Wallingford, V. H., and Homeyer, assignors.)
Mallinckrodt Chemical Works Limited. (See Leitch, L. C., Brickman, and Ryan, assignors.)
Mallinckrodt, Philip A., et al. (See Winter, Arthur C., assignor.)
Mallison, H. D. (See Haight, Norman L., assignor.)
Mallon, Hugh J., West New York, N. J. Aircraft training apparatus. 2,357,481; Sept. 5.
Mallory, Eugene H., Hampton, Iowa. Unloading apparatus. 2,355,226; Aug. 8.
Mallory, Gerald D., assignor to Wingfoot Corporation, Akron, Ohio. Laminating film. 2,351,350; June 13.
Mallory Hat Company, The. (See Wells, Burling D., assignor.)
Mallory, Marion, Detroit, Mich. Internal combustion engine. 2,345,056; Mar. 28.
Mallory, Marion, Detroit, Mich. Governor. 2,348,302; May 9.
Mallory, Marion, Detroit, Mich. Internal-combustion engine. 2,350,056; May 30.
Mallory, Marion, Detroit, Mich. Ignition system. 2,354,472; July 25.
Mallory, Marion, Detroit, Mich. Engine governor. 2,355,881; Aug. 15.
Mallory, Marion, Detroit, Mich. Engine governor. 2,356,679; Aug. 22.
Mallory, Marion, Detroit, Mich. Governor. 2,359,230; Sept. 26.
Mallory, Marion, Detroit, Mich. Governor for internal-combustion engines. 2,359,231; Sept. 26.
Mallory, Marion, Detroit, Mich. Carburetor for internal combustion engine. 2,362,145; Nov. 7.
Mallory, Marion, Detroit, Mich. Governor system for automotive vehicles. 2,362,655; Nov. 14.
Mallory, Marion, Detroit, Mich. Internal-combustion engine. 2,362,838; Nov. 14.
Mallory, Marion, Detroit, Mich. Carburetor. 2,363,346; Nov. 21.
Mallory, Marion, Detroit, Mich. Engine governor. 2,363,887; Nov. 28.
Mallory, Marion, Detroit, Mich. Ignition system for internal-combustion engines. 2,365,768; Dec. 26.
Mallory, P. R., & Co. (See Aust, Robert J., assignor.)
Mallory, P. R., & Co. (See Carlson, Chester F., assignor.)
Mallory, P. R., & Co. (See Hall, Harry C., assignor.)
Mallory, P. R., & Co. (See Heil, Vernon E., assignor.)
Mallory, P. R., & Co. (See Hensel, Franz R., assignor.)
Mallory, P. R., & Co. (See Hensel, F. R., and Larsen, assignors.)
Mallory, P. R., & Co. (See Huddleston, Robert F., assignor.)
Mallory, P. R., & Co., Inc. (See Huebner, Ernest W., assignor.)
Mallory, P. R., & Co. (See Huebner, E. W., and Peterson, assignors.)
Mallory, P. R., Co. (See Huetten, Clarence, assignor.)
Mallory, P. R., & Co., Inc. (See Marino, Anthony J., assignor.)
Mallory, P. R., & Co. (See Rosser, T. N., and Aust, assignors.)
Mallory, P. R., & Co. (See Wall, Alexander C., assignor.)
Malm, Carl J., assignor to Eastman Kodak Company, Rochester, N. Y. Manufacture of mixed esters of cellulose. 2,342,415; Feb. 22.
Malm, Carl J., assignor to Eastman Kodak Company, Rochester, N. Y. Manufacture of lower fatty acid esters of cellulose. 2,342,416; Feb. 22.
Malm, Carl J., assignor to Eastman Kodak Company, Rochester, N. Y. Preparation of cellulose acetate propionates and cellulose acetate butyrates having a high propionyl and butyryl content. 2,345,406; Mar. 28.
Malm, Carl J., assignor to Eastman Kodak Company, Rochester, N. Y. Pretreating cellulose to prepare it for esterification. 2,358,080; Sept. 12.
Malm, Carl J., assignor to Eastman Kodak Company, Rochester, N. Y. Preparing organic acid esters of cellulose. 2,362,575; Nov. 14.
Malm, Carl J., assignor to Eastman Kodak Company, Rochester, N. Y. Preparing organic acid esters of cellulose. 2,362,576; Nov. 14.
Malm, Carl J., and C. L. Crane, assignors to Eastman Kodak Company, Rochester, N. Y. Stabilizing cellulose ethers. 2,341,455; Feb. 8.
Malm, Carl J., and C. L. Crane, assignors to Eastman Kodak Company, Rochester, N. Y. Stabilization of cellulose esters. 2,346,495; Apr. 11.
Malm, Carl J., and L. W. Blanchard, Jr., assignors to Eastman Kodak Company, Rochester, N. Y. Manufacture of cellulose acetate. 2,353,255; July 11.
Malm, Carl J., and G. D. Hiatt, assignors to Eastman Kodak Company, Rochester, N. Y. Dry mounting tissue. 2,340,252; Oct. 10.
Malm, Henry, New York, N. Y. Apparatus for producing women's rubbers. 2,358,341; Sept. 19.
Malmer, Thure L., Smedsatten, Sweden. Marking device for recording cards. 2,356,332; Aug. 22.
Malmquist, Oscar V., Minneapolis, Minn. Quick-acting clamp. 2,362,707; Nov. 14.
Malmqvist, Johan D. (See Lindblad, A. R., and Malmqvist.)
Malmar, Francis J., Euclid, assignor to The Champion Rivet Company, Cleveland, Ohio. Apparatus for marking coated articles. 2,346,174; Apr. 11.
Malone, Emory J., Atlanta, Ga. Wardrobe bag. 2,355,002; Aug. 1.
Malone, Homer E. (See Cunningham, L. L., and Malone.)
Malone, Homer E., assignor to Perfex Corporation, Milwaukee, Wis. Control apparatus. 2,338,123; Jan. 4.
Malone, Homer E., assignor to Perfex Corporation, Milwaukee, Wis. Fuel burner system. 2,351,622; June 20.
Malone, Homer E., assignor to Perfex Corporation, Milwaukee, Wis. Control apparatus. 2,363,740; July 18.
Malone, Homer E., Milwaukee, and W. M. Shallcross, Waukesha County, assignors to Perfex Corporation, Milwaukee, Wis. Explosive device carrier. 2,364,302; Dec. 5.
Maloney, Gerard J. (See Rush, W. W., and Maloney.)
Maloney, Joe F. (See Moss, G. R., and Maloney.)
Maloon, Earl B., assignor to Southwest Welding & Mfg. Co., Alhambra, Calif. Road-making attachment for tanks. 2,341,151; Feb. 8.
Malott, William M., Lafayette, assignor to Shell Development Company, San Francisco, Calif. Break-in fuel and breaking in internal-combustion engines. 2,364,990; Dec. 12.
Malsbary, Job F., and W. W. Taylor, Oakland, Calif. Cleaning machine. 2,345,614; Apr. 4.
Malsbary, Job F., and W. W. Taylor, assignors to Malsbary Manufacturing Company, Oakland, Calif. Cleaning installation. 2,355,682; Aug. 15.
Malsbary Manufacturing Company. (See Malsbary, J. F., and Taylor, assignors.)
Malsbary Manufacturing Company. (See Taylor, Walter W., assignor.)
Maltbie Chemical Company, The. (See Walter, Lewis A., assignor.)
Maltbie Chemical Company, The. (See Walter, L. A., and Goodson, assignors.)
Maltby, Kenneth R., Lavonia Township, Mich. Internal-combustion engine. 2,352,396; June 27.
Malter, Bernard T. (See Julian, P. L., Oberg, and Malter.)
Malter, Harry. (See Greenberg, Frank, assignor.)
Malthaner, William A. (See Lewis, B. F., and Malthaner.)
Mamoli, Luigi, Milan, Italy, assignor to Schering Corporation, Bloomfield, N. J. Manufacture of ketosteroids. 2,341,110; Feb. 8.
Manchan, Louis, North Hollywood, assignor of one-half to D. Dickson, Los Angeles, Calif. Capping member. 2,345,982; Apr. 4.
Manchester, Randall S., assignor to Behr-Manning Corporation, Troy, N. Y. Abrasive implement. 2,358,724; Sept. 19.
Mandell, Irving F., New Brunswick, N. J., assignor to L. B. Koch, New York, N. Y. Projector for cinematographic targets. 2,342,417; Feb. 22.
Mandl, Rudi W., New York, N. Y. Puzzle game. 2,352,555; June 27.
Mandlak, Louis, Fort Worth, Tex. Powder gun. 2,349,875; May 30.
Maness, Lucien, Chevy Chase, Md., assignor to Theo. Alteneder & Sons, Philadelphia, Pa. Plotting instrument. 2,356,525; Aug. 22.
Mangan, Johnie M., et al. (See Hambleton, Morris W., assignor.)
Mangan, Joseph B., Wethersfield, assignor to Veeder-Root Incorporated, Hartford, Conn. Recorder. 2,352,907; July 4.
Mangan, Thomas, et al. (See Hambleton, Morris W., assignor.)
Manhartsberger, Albert. (See Grant, H. C., Jr., and Manhartsberger.)
Manhattan Company, President and Directors of the. (See Brogden, Ernest M., assignor.)
Manhattan Company, President and Directors of the, trustee (sometimes known as Bank of the Manhattan Company.) (See Brogden, Ernest M., assignor.)
Manitowoc Shipbuilding Company. (See Nickles, Edward B., assignor.)
Manitowoc Shipbuilding Company. (See West, Charles C., assignor.)
Manjoine, Michael J., Pittsburgh, and A. Nadai, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Tensile machine. 2,346,981; Apr. 18.
Münken, Wilhelm, and O. Uhlmann, Waren, near Berlin, Germany; vested in the Alien Property Custodian. Press for making workpieces tapering in longitudinal direction. 2,365,482; Dec. 19.
Manley, Everett R., Fairmont, W. Va. Apparatus for undercutting commutators. 2,352,278; June 27.
Manley, Frank N. (See Wenselberger, E. P., and Manley.)
Manley, Frank N., Highland Park, and E. P. Wenselberger, Plainfield, assignors to Johnson & Johnson, New Brunswick, N. J. Waterproof tape. 2,340,971; Feb. 8.
Manley, Ralph H., and C. D. Evans, Peoria, Ill., assignors to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Extracting prolamines. 2,354,898; July 25.

Manley, Ralph H., and C. D. Evans, Peoria, assignors to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Plastic composition. 2,357,839; Sept. 12.
Manley, Robert E., York, Pa. Dispenser. 2,344,556; Mar. 21.
Manley, Robert E., Yonkers, assignor by mesne assignments, to The Texas Company, New York, N. Y. Solvent extration of oil. 2,342,205; Feb. 22.
Manly Corporation. (See Kendrick, C. M., and Steen, assignors.)
Mann, Arthur S. (See Oswald, L. H., Mann, and Wahlbeck.)
Mann, Bertram H., Jr., Webster Groves, assignor to Carter Carburetor Corporation, St. Louis, Mo. Multiple valve control. 2,339,967; Jan. 25.
Mann, Charles W., Pomona, Calif., assignor to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Method and apparatus for controlling the circulation of air in refrigerator cars. 2,346,931; Apr. 18.
Mann, Ellsworth Y., North St. Paul, Minn. Detachable handle for trucks. 2,339,646; Jan. 18.
Mann, Hayward K., South Orange, N. J., assignor to The Gray Manufacturing Company, Hartford, Conn. Control means for dictation machines. 2,340,606; Feb. 1.
Mann, James U. (See Shriver, G. E., and Mann.)
Mann, Matthew D., Jr., Roselle, and L. B. Turner, Elizabeth, N. J., assignors, by mesne assignments, to Jasco, Incorporated. Preparing polymers of high molecular weight. 2,360,632; Oct. 17.
Mann, Ralph J. (See Mellor, A., and Mann.)
Mann, Ralph J., and R. Martin, Spondon, near Derby, and W. Harmer, Whaley, near Blackburn, England, assignors to Celanese Corporation of America. Treatment of textile materials. 2,344,557; Mar. 21.
Mannes, Leopold D., New York, N. Y., and L. D. Godowsky, Jr., Westport, Conn., assignors to Eastman Kodak Company, Rochester, N. Y. Color correction in duplicating color photographs. 2,364,379; Dec. 5.
Manning, Albert, and A. Onuska, North Arlington, N. J. Holder for containers. 2,363,256; Nov. 21.
Manning, Bowman & Co. (See Elsenheimer, Charles W., assignor.)
Manning, Bowman & Co. (See Rehm, William C., assignor.)
Manning, Bowman & Co. (See Young, A. M., and Adams, assignors.)
Manning, Clarence F., assignor to Reynolds Metals Co., Richmond, Va. Moistureproof collapsible container. 2,355,027; Aug. 1.
Manning, Daniel T. and W. T., Jr., Rochester, N. Y. Producing articles from thermoplastic material. 2,343,238; Mar. 7.
Manning, Dennis J. (See Engel, F. A., and Manning.)
Manning, Dennis J., Mountainside, N. J. Leak-locating apparatus. 2,360,434; Oct. 17.
Manning, Maxwell & Moore, Incorporated. (See Allen, Earle F., assignor.)
Manning, Maxwell & Moore, Incorporated. (See Brandstrom, Fred, assignor.)
Manning, Maxwell & Moore, Inc. (See Brongersma, Cornelius, assignor.)
Manning, Maxwell & Moore, Incorporated. (See Eplett, Albert D., assignor.)
Manning, Maxwell & Moore, Incorporated. (See Falls, Eugene K., assignor.)
Manning, Maxwell & Moore, Incorporated. (See Hammond, R. H., and Doser, assignors.)
Manning, Maxwell & Moore, Incorporated. (See Kahn, Samuel, assignor.)
Manning, Maxwell & Moore, Inc. (See Mitchell, George A., assignor.)
Manning, Maxwell & Moore, Incorporated. (See Turner, Jacob L., assignor.)
Manning, William, New York, N. Y. Propelling means. 2,346,595; Apr. 11.
Manning, William H., Birmingham, assignor to General Motors Corporation, Detroit, Mich. Precipitation type oil cleaner. 2,357,483; Sept. 5.
Manning, William H., Birmingham, and C. F. Smart, Pontiac, assignors to General Motors Corporation, Detroit, Mich. Oil cleaner. 2,357,482; Sept. 5.
Manning, William T., Jr. (See Manning, Daniel T. and W. T., Jr.)
Mannion, John F., et al., trustees. (See Schmitt, Arthur J., assignor.)
Manofsky, John J., Warran, Ohio, assignor to National Gypsum Company, Buffalo, N. Y. Wall construction. 2,340,891; Feb. 8.
Manofsky, John J., Warren, Ohio, assignor to National Gypsum Company, Buffalo, N. Y. Wall construction. 2,359,277; Sept. 12.
Mansell, Harvey, C. (See Crowe, R. K., and Mansell.)
Mansell, Harvey C., Bristol, England. Sleeve-valve internal-combustion engine. 2,357,052; Aug. 29.
Man-Sew Corp. (See Sigoda, Victor J., assignor.)
Man-Sew Pinking Attachment Corp. (See Sigoda, Victor J., assignor.)
Mansfield, Bernard, Tottenville, assignor to Nassau Smelting & Refining Company, Incorporated, New York, N. Y. Material for charging furnaces. 2,344,445; Mar. 14.
Mansfield, Judson H., assignor to Greenlee Bros. & Co., Rockford, Ill. Stock feeding mechanism. 2,345,207; Mar. 28.
Mansfield, Owen V., Babylon, N. Y., assignor to O. V. M. Products Corporation. Ball bearing. 2,366,120; Dec. 26.
Mansfield Tire and Rubber Company, The. (See Krusemark, Frederick A., assignor.)
Mansfield, William R., Cambridge, and F. C. Hughes, Boston, assignor to W. A. Boughton, C. L. Dawes, W. R. Mansfield, Cambridge, F. C. Hughes, Boston, and D. M. Hill, Newton, trustees of the Mica Patents Trust, Cambridge, Mass. Constructing or building bonded laminated mica insulation. 2,341,637; Feb. 15.
Mansir, Arthur J., Camden, Ark. Lumber puller. 2,351,691; June 20.
Manson, Frank G., and J. J. Maskey, Dayton, Ohio. Multiple weight aerial delivery container launching rig. 2,345,615; Apr. 4.
Manson, Frank G., and J. J. Maskey, Dayton, Ohio. Aerial delivery gun container. 2,345,616; Apr. 4.
Manson, Frank G., Chicago, Ill., and J. J. Maskey, Dayton, Ohio. Controlled parachute canopy. 2,356,169; Aug. 22.
Manson, Frederick W., Toronto, Ontario, Canada. Molded pulp egg packing device. 2,345,274; Mar. 28.
Manspeaker, Robert O., Chicago, Ill. Dispensing mechanism. 2,348,400; May 9.
Mantell, Charles L. (See Leute, K. M., Mantell, and Hammerquist.)
Mantell, Charles L., Manhassett, N. Y., assignor to Electro Manganese Corporation, Knoxville, Tenn. Anode. 2,340,400; Feb. 1.
Mantell, Charles L., Manhasset, N. Y., and W. L. Hammerquist, Knoxville, Tenn., assignors to Electro Manganese Corporation, Minneapolis, Minn. Magnesium control in manganese electrowinning. 2,346,742; May 16.
Mantle Lamp Company of America, The. (See Baker, R., and Davis, assignors.)
Mantle Lamp Company of America, The. (See Bramming, Carl, assignor.)
Mantle Lamp Company of America, The. (See Schwarz, Eugene, assignor.)
Mantz, Harold A., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Thermostatic control device. 2,339,087; Jan. 11.
Mantz, Harold A., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Safety switch. 2,340,197; Jan. 25.
Mantz, Harold A., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Safety device. 2,351,277; June 13.
Mantz, Harold A., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Thermoelectric safety device. 2,355,227; Aug. 8.
Mantz, Harold A., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Thermocouple and pilot burner. 2,363,072; Nov. 21.
Mantz, Harold A., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Valve structure. 2,363,073; Nov. 21.
Manufacture des Montres Universal Perret et Berthoud SA. (See Pellaton, Raoul, assignor.)
Manufacturers Bank and Trust Company of St. Louis, executor. (See Bertsch, Johann A.)
Manzanera, Lorenzo, assignor to O. S. Petty, San Antonio, Tex. Apparatus for recording wave form signals. 2,348,401; May 9.
Mapes, Daniel, West Caldwell, assignor to Specialties Development Corporation, Bloomfield, N. J. Cylinder bracket. 2,344,513; Mar. 21.
Mappes, Charles E., and W. C. Wootton, Cincinnati, Ohio. Black-out lamp. 2,354,394; July 25.
Mappin, Vermont V., assignor to Dain Manufacturing Company of Iowa, Ottumwa, Iowa. Hitch and support for semimounted implements. 2,361,304; Oct. 24.
Marak, Jack, New York, N. Y. Power display device. 2,346,225; Apr. 11.
Maranclk, Joseph V., Roselle, and E. J. Gohr, Summit, N. J., assignors to Standard Oil Development Company. Catalytic reactions. 2,356,680; Aug. 22.
Marano, Leonard, Brooklyn, N. Y. Electrical heating apparatus. 2,349,509; May 23.
Marathon Battery Company. (See Anthony, H. R. C., and Friang, assignors.)
Marathon Corporation. (See Tessendorf, C., and Gruper, assignors.)
Marathon Paper Mills Company. (See Abrams, A., Davis, Forcey, Rumberber, and Wagner, assignors.)
Marathon Paper Mills Company. (See Abrams, A., and Forcey, assignors.)
Marathon Paper Mills Company. (See Abrams, A., Forcey, Graebner, Heald, and Rumberger, assignors.)
Marathon Paper Mills Company. (See Abrams, A., Forcey, and Wagner, assignors.)
Marathon Paper Mills Company. (See Hoffmaster, B. T., and Wanda, assignors.)
Marathon Paper Mills Company. (See Wagner, Charley L., assignor.)
Marberg, Carl M., Elmhurst, N. Y., and J. Abrams, Jersey City, N. J., assignors to Interchemical Corporation, New York, N. Y. Decorating composition for textiles. 2,338,252; Jan. 4.

Marberg, Carl M., Elmhurst, and E. K. Fischer, Long Island City, assignors to Interchemical Corporation, New York, N. Y. Textile decorating compositions. 2,364,738; Dec. 12.
Marble, Jarvis C., et al. (See Lysholm, Alf., assignor.)
Marble, Jarvis C., et al., trustees. (See Hedlund, Folke G. H., assignor.)
Marbon Corporation. (See Gebauer-Fuelnegg, E., Ellers, and Moffett.)
Marbury, Ralph E. (See Evans, R. D., Marbury, and Monteith.)
Marbury, Ralph E., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Series capacitor protection. 2,351,989; June 20.
Marbury, Ralph E., and L. R. Ludwig, Wilkinsburg, and B. P. Baker, Turtle Creek, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Series capacitor protection. 2,351,988; June 20.
Marc, Henri M., Cincinnati, Ohio, assignor to The Phillip Carey Manufacturing Company. Sound deadening bituminous cement. 2,362,839; Nov. 14.
Marchand, Adolph, Jackson Heights, N. Y. Adjustable support for shelving. 2,354,269; July 25.
Marchant Calculating Machine Company. (See Avery, Harold T., assignor.)
Marchant Calculating Machine Company. (See Avery, H. T., Grimm, and Schwend, assignors.)
Marchant Calculating Machine Company. (See Martin, M. D., and Snell, assignors.)
Marchant, Guy O., et al. (See Walker, Jay P., assignor.)
Marchant, Reynolds. (See Johnson, R. C., and Marchant.)
Marchbanks, Duke, San Francisco, Calif. Apparatus for pressuring concrete piles. 2,356,603; Aug. 22.
Marchioni, Frank A. and M. E., Rutherford, N. J. Coin handling mechanism. 2,352,846; July 4.
Marchioni, Frank A. and M. E., Rutherford, N. J. Coin handling mechanism. 2,352,847; July 4.
Marchioni, Mark E. (See Marchioni, Frank A. and M. E.)
Marchus, Amos H. (See Marchus, Amos S., assignor.)
Marchus, Amos S., assignor to A. H. Marchus, Oakland, Calif. Flexible conduit apparatus. 2,339,746; Jan. 18.
Marco Company. (See Marco, John, assignor.)
Marco, John, assignor to Marco Company, Inc., Wilmington, Del. Seal gland and armor therefor. 2,354,270; July 25.
Marcoux, Michael L., assignor to Progressive Welder Company, Detroit, Mich. Apparatus for welding. 2,350,324; Oct. 3.
Marcus, Samuel, Jersey City, assignor to Margon Corporation, Bayonne, N. J. Apparatus for mounting eyes in doll heads. 2,339,342; Jan. 18.
Marcus, William, New York, and A. Baum, Brooklyn, N. Y. Closure or sealing means for paper or cardboard receptacles. 2,352,559; June 27.
Marcy, John P., Cresskill, N. J. Paste dispenser. 2,358,980; Sept. 26.
Marden, John W., East Orange, and G. Meister, Newark, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Disk-type fluorescent lamp. 2,349,300; May 23.
Marder, Emanuel, and H. Moses, assignors of one-third to D. Resnick, Brooklyn, N. Y. Fountain brush. 2,357,964; Sept. 12.
Marder, Estella P., Nottingham, and W. N. Green, West Bridgford, Nottingham, assignors to Byard Manufacturing Company, Limited, Nottingham, England. Hair net and cap. 2,345,407; Mar. 28.
Mardis, Paul L., Ilkley, assignor to The English Electric Company Limited, London, England. Temperature indicator. 2,350,911; June 6.
Marek, Anthony J., Blackheath Park, assignor to Kork-N-Seal Limited, London, England. Bottle capping apparatus. 2,364,380; Dec. 5.
Marek, Anthony J., Blackheath Park, assignor of one-half to Kork-N-Seal Limited, London, England. Producing bottle closures. 2,365,350; Dec. 19.
Marek, William E., assignor to Connelly Iron Sponge & Governor Co., Chicago, Ill. Making ferric hydrate. 2,365,202; Dec. 19.
Mares, Virgil L., Upper Darby, Pa., assignor to General Electric Company. Electric switch. 2,348,016; May 2.
Mares, Virgil L., Upper Darby, Pa., assignor to General Electric Company. Mechanism for electric switches. 2,355,467; Aug. 8.
Marette, Jacques L. J., Saint Germain en Laye, and H. L. Burnat, Paris, France; vested in the Alien Property Custodian. Sound reproducing unit for sound films. 2,350,786; June 6.
Margolies, Morton J. (See Cohen, Samuel L.)
Margolies, Samuel L., Brooklyn, N. Y. Pocket spray device. 2,345,853; Apr. 4.
Margolies, Samuel L., Brooklyn, N. Y. Pocket spray device. 2,345,854; Apr. 4.
Margolin, Harry, Brooklyn, assignor to Overboard Equipment Corporation, New York, N. Y. Life raft release. 2,359,232; Sept. 26.
Margolin, Meyer, Elgin, Ill. Ventilated insole. 2,347,207; Apr. 25.
Margolin, Meyer, Elgin, Ill. Middle sole and insole combination. 2,347,701; May 2.
Margolin, Meyer, Elgin, Ill. Novel resilient heel construction. 2,350,362; June 6.
Margolin, Meyer, Elgin, Ill. Resilient arch support. 2,358,342; Sept. 19.
Margolin, Meyer, Elgin, Ill. Composite insert for insoles. 2,365,203; Dec. 19.
Margolis, Abraham E. (See Bonstow, T. L., and Margolis.)
Margon Corporation. (See Marcus, Samuel, assignor.)
Margrave, Wilton. (See Parker, A. L., Wolfram, and Margrave.)
Margulies, Emanuel, Linden, N. J. Film frame. 2,359,659; Oct. 3.
Margulies, Walter P., Forest Hills, assignor to Hotels Statler Company, Inc., New York, N. Y. Convertible studio bed. 2,352,961; July 4.
Marhoefer, Laurence J. (See Vidal, E. L., and Marhoefer.)
Marholz, Richard C., assignor to Belmont Radio Corporation, Chicago, Ill. Control apparatus. 2,343,219; Feb. 29.
Mariani, Frank N., New York, N. Y. Horn ring article holding means. 2,359,771; Oct. 10.
Marick, Louis, Grosse Pointe Farms, Mich., assignor to United States Rubber Company, New York, N. Y. Brooder. 2,358,081; Sept. 12.
Marietta Concrete Corporation, The. (See Covey, Charles H., assignor.)
Marietta Manufacturing Company. (See Merriam, Edmund S., assignor.)
Marietta Manufacturing Company. (See Newlon, George R., assignor.)
Marine, H. S. P., Inc. (See Perrsson, Henry, assignor.)
Marine Magnesium Products Corporation. (See Clarke, Robert E., assignor.)
Marine Magnesium Products Corporation. (See Gloss, G. H., and Clarke, assignors.)
Marine Specialty Company. (See Williamson, William, assignor.)
Marinetti, Edward G., East Providence, assignor of one-half to Arnold W. Jones and Company, Inc., Providence, R. I. Shoe. 2,345,057; Mar. 28.
Marino, Anthony J., Weehawken, N. J., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Tungsten bronze article produced from metal powders. 2,338,344; Jan. 4.
Marinsky, Davis. (See Morin, Louis H., assignor.)
Marinsky, Davis, assignor of one-half to L. H. Morin, Bronx, N. Y. Lock slider for separable fasteners. 2,345,348; Mar. 28.
Marinsky, Davis, assignor of one-half to L. H. Morin, Bronx, N. Y. Bottom stop for separable fasteners. 2,347,426; Apr. 25.
Marinsky, Davis, assignor of one-half to L. H. Morin, Bronx, N. Y. Two-way separable coupling for fastener stringers. 2,358,179; Sept. 12.
Marinsky, Davis, assignor of one-half to L. H. Morin, Bronx, N. Y. Automatic lock slider. 2,358,726; Sept. 19.
Marinsky, Davis and L. H. Morin, Bronx, N. Y. End stop for separable fasteners. 2,342,418; Feb. 22.
Marinsky, Davis, and L. H. Morin, Bronx, N. Y. Separable fastener. 2,349,580; May 23.
Marinsky, Davis, and L. H. Morin, Bronx, N. Y. Lock slider. 2,349,581; May 23.
Marinsky, Davis, and L. H. Morin, Bronx, N. Y. Separable fastener slider lock. 2,355,987; Aug. 15.
Marinsky, Davis, and L. H. Morin, Bronx, N. Y. Separable fastener. 2,358,178; Sept. 12.
Marion Steam Shovel Company, The. (See Halby, Edwin G., assignor.)
Mariotte, Eugene S., North Syracuse, assignor to W. C. Lipe, Inc., Syracuse, N. Y. Bar stock feed mechanism for automatic metalworking machines. 2,339,712; Jan. 18.
Mariotte, Eugene S., assignor to Lipe-Rollway Corporation, Syracuse, N. Y. Work holder or collet holding mechanism for metalworking machines. 2,362,146; Nov. 7.
Maris, Harry B., Riverdale, Md. Turret construction. 2,340,334; Feb. 1.
Maris, Harry B., Riverdale, Md. Device for measuring extremely small angles. 2,347,702; May 2.
Maris, Harry B., Riverdale, Md. Wind calculator. 2,347,703; May 2.
Maris, James B., Glen Ridge, N. J. Adjustable automatic interval timer. 2,346,604; Apr. 18.
Marison, John A., San Jose, Calif. Vehicle wheel. 2,356,940; Aug. 29.
Mark, Charles E., Barryton, Mich. Draft hitch. 2,352,397; June 27.
Mark, Edward R., Portland, Oreg. Tool post turret block. 2,358,816; Sept. 26.
Mark, Jacob G., Brookline, and F. W. Lanigan, Belmont, assignors to Dewey and Almy Chemical Company, North Cambridge, Mass. Container and making the same. 2,341,845; Feb. 15.
Marker, Russell E., State College, Pa., assignor to Parke, Davis & Company, Detroit, Mich. Derivatives of sapogenins and their preparation. 2,339,231; Jan. 18.
Marker, Russell E., State College, Pa., assignor to Parke, Davis & Company, Detroit, Mich. Sterol compound and obtaining the same. 2,345,711; Apr. 4.

Marker, Russell E., State College, Pa., assignor to Parke, Davis & Company, Detroit, Mich. Hormone intermediates and preparation of same. 2,352,648; July 4.
Marker, Russell E., State College, Pa., assignor to Parke, Davis & Company, Detroit, Mich. Steroidal hormone intermediates and preparation of the same. 2,352,848; July 4.
Marker, Russell E., State College, Pa., assignor to Parke, Davis & Company, Detroit, Mich. Halogenated steroid derivatives and process of preparing same. 2,352,849; July 4.
Marker, Russell E., State College, Pa., assignor to Parke, Davis & Company, Detroit, Mich. Sapogenin derivatives and preparation of same. 2,352,850; July 4.
Marker, Russell E., State College, Pa., assignor to Parke, Davis & Company, Detroit, Mich. Sapogenin transformation products and preparation of the same. 2,352,852; July 4.
Marker, Russell E., State College, Pa., assignor to Parke, Davis & Company, Detroit, Mich. Oxidation products from sapogenin derivatives and preparation of same. 2,352,853; July 4.
Marker, Russell E., State College, Pa., and H. M. Crooks, Jr., assignors to Parke, Davis & Company, Detroit, Mich. Halosteroid and preparation of the same. 2,343,311; Mar. 7.
Marker, Russell E., H. M. Crooks, Jr., State College, Pa., and E. L. Wittle, assignors to Parke, Davis & Company, Detroit, Mich. Sapogenin derivatives and preparation of same. 2,352,851; July 4.
Marker, Russell E., State College, Pa., and H. M. Crooks, Jr., assignors to Parke, Davis & Company, Detroit, Mich. Halosteroids and preparation of the same. 2,359,772; Oct. 10.
Marker, Russell E., State College, Pa., and H. M. Crooks, Jr., assignors to Parke, Davis & Company, Detroit, Mich. Unsaturated pregnenolc acids and preparation of same from halosteroids. 2,359,773; Oct. 10.
Marker, William M., Los Angeles, and A. G. Orear, Glendale, assignors to Trade-Wind Motorfans, Inc., Los Angeles, Calif. Blower. 2,349,668; May 23.
Marker, William M., and R. L. Brown, assignors to Trade-Wind Motorfans, Inc., Los Angeles, Calif. Air conditioning apparatus. 2,344,048; Mar. 14.
Markey, George T., assignor to James Manufacturing Company, Fort Atkinson, Wis. Combination incubator and hatcher. 2,352,398; June 27.
Markey, Roscoe I., East Orange, assignor to Pollak Manufacturing Company, Arlington, N. J. Bomb releasing rack. 2,344,211; Mar. 14.
Markey, Roscoe I., East Orange, assignor to Pollak Manufacturing Company, Arlington, N. J. Disconnect plug receptacle. 2,357,216; Aug. 29.
Markey, Roscoe I., East Orange, assignor to Pollak Manufacturing Company, Arlington, N. J. Bomb releasing shackle. 2,362,210; Nov. 7.
Markey, Roscoe I., East Orange, assignor to Pollak Manufacturing Company, Arlington, N. J. Electrical control system. 2,362,211; Nov. 7.
Markey, Roscoe I., and D. Herman, East Orange, and R. Schaefer, Irvington, assignors to Pollak Manufacturing Company, Arlington, N. J. Bomb releasing shackle. 2,341,456; Feb. 8.
Markey, Roscoe I., and D. Herman, East Orange, and R. Schaefer, Irvington, assignors to Pollak Manufacturing Company, Arlington, N. J. Bomb releasing shackle. 2,341,457; Feb. 8.
Markham, Charles E. (See Ericson, G. R., and Markham.)
Markle, William C., Hutchinson, Kans. Awning. 2,339,344; Jan. 18.
Markley, Richard, Jr., assignor to Wilson Cabinet Company, Smyrna, Del., a co-partnership, comprising J. E. Wilson, Jr., and B. M. Wilson. Milk cooler. 2,364,154; Dec. 5.
Markowitz, Manuel, Los Angeles, Calif. Lamp construction. 2,339,498; Jan. 18.
Marks, Alvin M., Beechhurst, Lond Island, N. Y. Crystalline formation. 2,344,514; Mar. 21.
Marks, Alvin M., Beechhurst, N. Y. Impresser mechanism. 2,351,058; June 13.
Marks, Alvin M., Whitestone, Long Island, N. Y. Film shaping and laminating device. 2,354,692; Aug. 1.
Marks, Barnard M., Upper Montclair, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Purification of methyl methacrylate. 2,341,282; Feb. 8.
Markson, Alfred A., assignor to J. M. Hopwood, Mount Lebanon, Pa. Pneumatic power cylinder and means for preventing over-travel of its piston. 2,339,024; Jan. 11.
Markstrum, John A., assignor to Ex-Cell-O Corporation, Detroit, Mich. Cutter. 2,362,708; Nov. 14.
Markwalder, Albert, Eschlikon, Dinhard, assignor to Sulzer Frères, Société Anonyme, Winterthur Switzerland. Motive plant for watercraft or aircraft. 2,359,045; Sept. 26.
Markwardt, Lorraine J., and T. A. Carlson, Madison, Wis., assignors to Henry A. Wallace, as Secretary of Agriculture, of the United States of America, and his successors in office. Carton. 2,345,350; Mar. 28.
Markwart, Earl H. (See Stanley, Paul H., assignor.)
Markwood, William H., Jr., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Shaped product. 2,352,725; July 4.

Marland, Richard W. See Miller, Starks L., assignor.)
Marley Company, The. (See Mart, Leon T., assignor.)
Marlin, Joe W. (See Hauton, P. S., and Marlin.)
Marlow, Dennis H., assignor to British Rola Limited, London, England. Protective cover for apertures for loudspeaking instruments, microphones and other articles. 2,346,228; Apr. 11.
Marlow, Douglas G. (See Cary, H. H., and Marlow.)
Marlow, James C., Atlanta, Ga., assignor to B. F. Sturtevant Company, Boston, Mass. Psychrometrically controlled air conditioning system. 2,338,382; Jan. 4.
Marmon-Herrington Company. (See Schon, Pierre, assignor.)
Marmor, Adrian, Philadelphia, assignor to The Hale Fire Pump Co., Inc., Conshohocken, Pa. Fire engine control device. 2,361,305; Oct. 24.
Maronek, Frank R., Whitefish Bay, assignor to A. O. Smith Corporation, Milwaukee, Wis. Pilot control valve for gas heaters. 2,357,215; Aug. 29.
Marple, Elmore B., Wichita, Kans. Indicator for locating missing aircraft. 2,357,417; Sept. 5.
Marple, Ernest H., San Diego, Calif. Collapsible trailer. 2,343,261; Mar. 7.
Marple, Kenneth E. (See Evans, T. W., and Marple.)
Marple, Kenneth E. (See Finch, H. D., and Marple.)
Marple, Kenneth E., and T. W. Evans, Oakland, assignors to Shell Development Company, San Francisco, Calif. Preparation of aryl ethers of trihydric alcohols. 2,351,025; June 13.
Marple, Rollo, assignor to Hancock Manufacturing Company, Jackson, Mich. Hinge. 2,353,175; July 11.
Marquette Manufacturing Co. (See Scott, Frank W., assignor.)
Marquette Metal Products Company. (See Gleitz, Herbert, assignor.)
Marquette Metal Products Company, The. (See Lavender, Robert L., assignor.)
Marquette Metal Products Company, The. (See Leutholt, Clifford J., assignor.)
Marquette Metal Products Company. (See Orshansky, Elias, Jr., assignor.)
Marresford, Eugene F. (See Behrent, E., and Marresford.)
Marrow, Kirkpatrick, and H. E. Dostalik. Recording apparatus. 2,362,758; Nov. 14.
Mars, Nick, Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Strap stretching device. 2,361,224; Oct. 24.
Mars, Nick, Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Calibrating tool. 2,363,347; Nov. 21.
Marschner, Charles F., and C. D. Johnson, Kirkwood, assignors to McDonnell Aircraft Corporation, Robertson, Mo. Flush fabric attachment. 2,349,103; May 16.
Marschner, Robert F., assignor to Standard Oil Company, Chicago, Ill. Producing motor fuel. 2,360,253; Oct. 10.
Marsh, Ell A. (See Hartman, C. H., Marsh, and Dorrington.)
Marsh, Fred D., Woodstock, N. Y. Panel and corner fastener. 2,340,545; Feb. 1.
Marsh, Harold A. (See Link, E. A., Jr., and Marsh.)
Marsh, Harold A., assignor to Link Aviation Devices, Inc., Binghamton, N. Y. Leveling device for aviation trainers. 2,360,882; Oct. 24.
Marsh, Jack C., Pittsburgh, assignor to G. L. Meyers and G. H. Drumheller, Jr., Aspinwall, Pa. Surgical pump. 2,351,828; June 20.
Marsh, Jas. P., Corporation. (See Hedfield, Reynold T., assignor.)
Marsh, Jas. P., Corporation. (See Rose, A. D., and Seegers, assignors.)
Marsh, John W., U. S. Army, Washington, D. C. Buffer. 2,340,335; Feb. 1.
Marsh, Leona. (See Brennan, J. B., and Marsh.)
Marsh, Myrle O., Fort Wayne, Ind., assignor to General Electric Company. Electric induction apparatus. 2,339,088; Jan. 11.
Marsh, William C., Dunkirk, N. Y. Packless valve. 2,362,438; Nov. 7.
Marshall, Alfred L., Springfield, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Stabilized vinyl aromatic resinous compositions. 2,364,027; Nov. 28.
Marshall, Allen F., Dallas, Tex. Finish and mounting for room interiors. 2,346,264; Apr. 11.
Marshall, Charles O., and L. S. Williams, assignors to Toledo Scale Company, Toledo, Ohio. Weighing scale. 2,341,226; Feb. 8.
Marshall, Donald E. (See Pearson, R. W., and Marshall.)
Marshall, Donald E., Summit, assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Container. 2,349,362; May 23.
Marshall, Donald E., assignor to Kellogg Company, Battle Creek, Mich. Oven. 2,365,769; Dec. 26.
Marshall, Donald E., Allwood, and W. J. Knochel, Irvington, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Discharge device. 2,339,499; Jan. 18.
Marshall, Donald E., Allwood, and W. J. Knochel, Irvington, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Metal casing discharge device. 2,349,363; May 23.

Marshall, Frederick G., Leamington Spa, assignor to Constant Speed Airscrews Limited, Warwick, England. Spinner for airscrews. 2,353,578; July 11.

Marshall, Harry B. (See Britton, E. C., Marshall, and Le Fevre.)

Marshall, Morris D., Arlington, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Preparation of sols. 2,356,773; Aug. 29.

Marshall, Morris D., Arlington, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Preparation of sols. 2,356,774; Aug. 29.

Marshall, Nicholas J., New Bremen, Ohio. Watering device. 2,364,991; Dec. 12.

Marshall, Ray W., assignor to The Ohio Boxboard Company, Rittman, Ohio. Molding and packaging moldable products. 2,350,912; June 6.

Marshall, Richard C., Jr., Kansas City, assignor to Crook Paper Box Company, North Kansas City, Mo. Chick shipping box. 2,349,364; May 23.

Marshall, Tola A. (See Bonorden, A. R., Koos, Krecek, Large, and Marshall.)

Marshall, Tola A. (See Large, W. V. K., Lucek, and Marshall.)

Marshall, Tola A., Floral Park, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Satellite communication system. 2,353,055; July 4.

Marshall, William B., assignor to Chain Belt Company, Milwaukee, Wis. Grinding mill. 2,360,357; Oct. 17.

Marshall, William J., Harrow, and L. H. Catt, Wembley, England. Switching arrangement for employing rectifiers in conjunction with battery regulating switches. 2,353,410; July 11.

Marshaus, Anthony J. (See Meese, G. E., Wunderlich, and Marshaus.)

Marshaus, Anthony J. (See White, A. J., and Marshaus.)

Marsilius, Newman M., Bridgeport, Conn. Milling machine. 2,353,480; July 11.

Marston, Oliver F., Pensacola, Fla. Gun sight. 2,355,920; Aug. 15.

Mart, Leon T., Mission Township, Johnson County, assignor to The Marley Company, Inc., Kansas City, Kans. Interlocking splash deck for cooling towers. 2,342,952; Feb. 29.

Martell, Carl J. (See Glenn, A. B., and Martell.)

Martelliotti, Mario E., assignor to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Machine tool control mechanism. 2,349,595; May 23.

Martens, Maurice J. (See Brown, T., and Martens.)

Martersteck, William J. (See Stanley, B. J., and Martersteck.)

Marti, Fritz, la Chaux de Fonds, Switzerland. Regulating device for watches. 2,340,677; Feb. 1.

Martin, Albert D., Jr., Washington, D. C. Directive antenna system. 2,364,084; Dec. 5.

Martin, Alfred M., Park Ridge, Ill. Visible records file or the like. 2,359,376; Oct. 3.

Martin, Alfred M., Park Ridge, Ill. Record visualizing device. 2,364,640; Dec. 12.

Martin, Alfred M., Park Ridge, Ill. Loose-leaf binder. 2,365,643; Dec. 19.

Martin, Andrew M., assignor to Wilco Company, Los Angeles, Calif. Dispensing device. 2,362,080; Nov. 7.

Martin, Andrew M., assignor to Wilco Company, Los Angeles, Calif. Pump unit for spray or jet devices. 2,362,081; Nov. 7.

Martin, Andrew S., Salem, Ohio. Expanding chuck. 2,349,447; May 23.

Martin, Archworth. (See Smith, Esther M., assignor.)

Martin, Archworth, Pittsburgh, Pa. Geneva drive. 2,345,139; Mar. 28.

Martin, Arthur E. (See Lovell, L. L., Martin, and Bell.)

Martin Bros Co. (See Richardson, D. E., Michel, and Chadbourne, assignors.)

Martin Brothers Electric Company, The. (See Martin, Wendell L., assignor.)

Martin, Charles A., assignor to Agrippa Kellum Long, Tupelo, Miss. Fluid transmission and drive. 2,362,389; Nov. 7.

Martin, Charles L., St. Louis, Mo. Fluid coupling. 2,343,786; Mar. 7.

Martin, Clair L., Indianapolis, Ind., assignor to The American Paper Bottle Company, Toledo, Ohio. Apparatus for partially folding containers. 2,360,435; Oct. 17.

Martin, Edgar E. (See Grahman, F. M., and Martin.)

Martin, Edward J., New Orleans, La. Electromagnet. 2,338,775; Jan. 11.

Martin, Edwin D., assignor to Inland Steel Company, Chicago, Ill. Apparatus for electroplating metal strip. 2,342,811; Feb. 29.

Martin, Elmore L., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing compounds containing an N-substituted amide group. 2,357,484; Sept. 5.

Martin, Elmore L., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Fiber-forming interpolymers. 2,359,867; Oct. 10.

Martin, Erle, West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Method and apparatus for balancing propellers. 2,338,293; Jan. 4.

Martin, Erle, West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Propeller blade. 2,340,133; Jan. 25.

Martin, Erle, West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Propeller governor. 2,343,382; Mar. 7.

Martin, Erle, West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Inertia actuated propeller control valve. 2,346,856; Apr. 18.

Martin, Erle, West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Propeller blade ice preventer. 2,354,764; Aug. 1.

Martin, Erle, West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Propeller control means. 2,361,954; Nov. 7.

Martin, Erle, West Hartford, and M. C. Beebe, Jr., Glastonbury, assignors to United Aircraft Corporation, East Hartford, Conn. Balancing propeller. 2,343,383; Mar. 7.

Martin, Erle, and C. M. Kearns, Jr., West Hartford, assignors to United Aircraft Corporation, East Hartford, Conn. Propeller hub damper. 2,353,681; July 18.

Martin, Erle, West Hartford, and N. R. Richmond, Thompsonville, assignors to United Aircraft Corporation, East Hartford, Conn. Multispeed governor. 2,365,204; Dec. 19.

Martin, Floyd R. (See Paradise, L. A., Irwin, and Martin.)

Martin, Floyd R., East Moline, assignor to Deere & Company, Moline, Ill. Pickup device for harvester platforms. 2,363,888; Nov. 28.

Martin, Floyd R., East Moline, assignor to Deere & Company, Moline, Ill. Spring tooth and clip assembly. 2,364,303; Dec. 5.

Martin, Frank A., assignor to The Hoover Company, North Canton, Ohio. Tear testing apparatus for rubber stock. 2,340,401; Feb. 1.

Martin, Fred F., Peoria, and J. I. Clark, West Peoria, Ill., assignors to Caterpillar Tractor Co., San Leandro, Calif. Electrocleaning process. 2,347,572; Apr. 25.

Martin, Frederick W., Greenwich, Conn. Journal lubricator. 2,350,245; May 30.

Martin, George A. (See Baker, L., and Martin.)

Martin, Glenn L., Company, The. (See Bonas, William K., assignor.)

Martin, Glenn L., Company, The. (See Boss, Gerard H., assignor.)

Martin, Glenn L., Company, The. (See Buchal, W., and Veit, assignors.)

Martin, Glenn L., Company, The. (See Butler, Edward, assignor.)

Martin, Glenn L., Company, The. (See Butler, Edwin I., assignor.)

Martin, Glenn L., Company, The. (See Ford, T. Latimer, Jr., assignor.)

Martin, Glenn L., Company, The. (See Hake, Albert C., assignor.)

Martin, Glenn L., Company, The. (See Holthe, John, assignor.)

Martin, Glenn L., Company, The. (See Magruder, Peyton M., assignor.)

Martin, Glenn L., Company, The. (See Overbeke, John W., assignor.)

Martin, Glenn L., Company, The. (See Pepersack, Francis J., assignor.)

Martin, Glenn L., Company, The. (See Porter, James A., assignor.)

Martin, Glenn L., Company, The. (See Shannon, Ellis D., assignor.)

Martin, Glenn L., Company, The. (See Stephens, John H., assignor.)

Martin, Glenn L., Company, The. (See Turnbull, William J., assignor.)

Martin, Glenn L., Company, The. (See Zitsa, Curt L., assignor.)

Martin, Gustav J., Elmhurst, and M. R. Thompson, Great Neck, assignors to William R. Warner & Company, Inc., New York, N. Y. Detoxicant. 2,342,879; Feb. 29.

Martin, Gustav J., Elmhurst, and M. R. Thompson, Great Neck, assignors to William R. Warner & Company, Inc., New York, N. Y. Detoxicant. 2,363,541; Nov. 28.

Martin, Hans, and W. Franz, Erfurt, Germany; vested in the Alien Property Custodian. Key head. 2,350,787; June 6.

Martin, Harold M., Schenectady, N. Y., assignor to General Electric Company. Torque measuring device. 2,347,208; Apr. 25.

Martin, Harold W. (See Goodwin, C. W., Martin, and Vore.)

Martin, Harry, assignor to Martin Laboratories, Inc., New York, N. Y. Hair waving. 2,350,178; May 30.

Martin, Harry C., assignor to The Carborundum Company, Niagara Falls, N. Y. Flexible backed abrasive and making the same. 2,339,500; Jan. 18.

Martin, Harry C., and J. B. Aust, assignor, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Flexible abrasive article. 2,349,365; May 23.

Martin, Harry R., Indianapolis, Ind., assignor to The New York Central Railroad Company. Bracket for locomotive steam gauges. 2,339,181; Jan. 11.

Martin, Henry, K. Glatthaar, and W. Stammbach, assignors to the firm of J. R. Geigy A. G., Basel, Switzerland. Amino fatty acid derivatives and their manufacture. 2,343,071; Feb. 29.

Martin, Henry, Basel, H. H. Zaeslin, Riehen, near Basel, R. Hirt, C. Glatthaar, and A. Staub, assignors to J. R. Geigy A. G., Basel, Switzerland. Halogen substituted acylamino sulphonic acids of the aromatic series and their manufacture. 2,363,074; Nov. 21.

Martin, Henry, Basel, W. Baumann, Arlesheim, near Basel, H. Zaeslin, Reihen, near Basel, and H. Gysin, assignors to the firm of J. R. Geigy A. G., Basel, Switzerland. a-pyrone carboxylic acid amides and their manufacture. 2,364,304; Dec. 5.

Martin, Henry A., Kansas City, Mo. Concentrating dehydrating solutions. 2,342,419; Feb. 22.

Martin, Henry A., Kansas City, Mo., and W. W. Deschner, Lawrence, Kans., assignors to J. F. Pritchard & Company, Kansas City, Mo. System for reactivating adsorbents. 2,359,660; Oct. 3.

Martin, Henry G., Diablo Heights, C. Z. Placer washing apparatus. 2,358,409; Sept. 19.

Martin, Herschel B. (See McDonald, J. F., and Martin.)

Martin, Homer Z. (See Murphree, E. V., Tyson, Campbell, and Martin.)

Martin, Ivan Z., assignor of one-half to N. N. Burkholder, Ephrata, Pa. Baling press. 2,349,184; May 16.

Martin, J. E., Equipment Corporation. (See Martin, John E., assignor.)

Martin, James, Higher Denham, near Uxbridge, England. Closure device for handholes or openings. 2,338,192; Jan. 4.

Martin, James, Higher Denham, near Uxbridge, England. Liquid fuel tank for aircraft. 2,338,450; Jan. 4.

Martin, James, Higher Denham, near Uxbridge, England. Ammunition box for machine guns. 2,339,869; Jan. 25.

Martin, James, Higher Denham, near Uxbridge, England Gun mounting for airplanes. 2,350,122; May 30.

Martin, James, Higher Denham, near Uxbridge, England. Mobile lifting gear. 2,352,962; July 4.

Martin, James, Higher Denham, near Uxbridge, England. Unit construction of flying controls for airplanes. 2,359,233; Sept. 26.

Martin, James V., Hempstead, N. Y. Wave riding speed vessel. 2,365,205; Dec. 19.

Martin, Jim R. and J. T., La Porte, Tex. Cable insulation splitter. 2,346,227; Apr. 11.

Martin, Joe T. (See Martin, Jim R. and J. T.)

Martin, John E., Chicago, Ill., assignor to J. E. Martin Equipment Corporation, Niagara Falls, N. Y. Apparatus for cleaning materials. 2,359,138; Sept. 26.

Martin, John G. (See Buttner, T. W., and Martin.)

Martin, John H. and M., Houston, Tex. Still of the thermogenerator type. 2,339,868; Jan. 25.

Martin, Joseph, Laurelton, assignor to United States Cabinet Bed Co., Brooklyn, N. Y. Mattress. 2,359,958; Oct. 10.

Martin, Karl, et al., executors. (See Brooks, Lew W.)

Martin Laboratories, Inc. (See Martin, Harry, assignor.)

Martin, Louis D., assignor to Eastman Kodak Company, Rochester, N. Y. Film gate for motion picture apparatus. 2,341,460; Feb. 8.

Martin, Louis D., assignor to Eastman Kodak Company, Rochester, N. Y. Gear testing tool. 2,350,788; June 6.

Martin, Mac. (See Martin, John H. and M.)

Martin, Mark H., Reading, assignor to Birdsboro Steel Foundry and Machine Company, Birdsboro, Pa. Truck. 2,338,952; Jan. 11.

Martin, Mark H., Reading, assignor to Birdsboro Steel Foundry and Machine Company, Birdsboro, Pa. Truck. 2,357,530; Sept. 5.

Martin, Mark H., Reading, assignor to Birdsboro Steel Foundry and Machine Company, Birdsboro, Pa. Truck. 2,357,677; Sept. 5.

Martin, Mark H., Reading, assignor to Birdsboro Steel Foundry and Machine Company, Birdsboro, Pa. Truck. 2,364,462; Dec. 5.

Martin, Marvin D., Berkeley, and K. A. Snell, Alameda, Calif., assignors to Marchant Calculating Machine Company. Centralizing device. 2,339,089; Jan. 11.

Martin, Mervin E. (See Haney, C. I., and Martin.)

Martin Motors, Inc. (See Szekely, Otto E., assignor.)

Martin, Otis C., Los Angeles, Calif. Valve. Re. 22,429; Feb. 1.

Martin, Otis C., Los Angeles, Calif. Reaming valve seats. 2,345,349; Mar. 28.

Martin, Otis C., Los Angeles, Calif. Forming tool. 2,350,057; May 30.

Martin, Otis C., Los Angeles, Calif. Cutting tool. 2,364,305; Dec. 5.

Martin, Otis C., Los Angeles, Calif. Manufacturing valve bodies. 2,364,864; Dec. 12.

Martin, Paul N. (See Agnew, N. F., and Martin.)

Martin, Paul N., Penn Township, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrical relay. 2,345,490; Mar. 28.

Martin, Paul N., Penn Township, Allegheny County, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrical relay. 2,355,543; Aug. 8.

Martin, Paul N., Penn Township, Allegheny County, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,362,212; Nov. 7.

Martin, Philip, Victorville, Calif. Motor vehicle brake. 2,356,258; Aug. 22.

Martin, Richard, Chicago, and H. T. Bellamy, Evanston, assignors to Protectoseal Company of America, Inc., Chicago, Ill. Ventilating and fertilizing soil. 2,341,800; Feb. 15.

Martin, Robert. (See Mann, R. J., Martin, and Harmer.)

Martin, Robert E., South Devon, England, assignor to International Standard Electric Corporation, New York, N. Y. Gramophone pickup arm. 2,356,467; Aug. 22.

Martin, Russell, assignor to The Coleman Lamp and Stove Company, Wichita, Kans. Draft regulator. 2,344,947; Mar. 28.

Martin, Russell, assignor to The Coleman Lamp and Stove Company, Wichita, Kans. Air intake governor for heating devices. 2,349,876; May 30.

Martin, Russell, assignor to The Coleman Lamp and Stove Company, Wichita, Kans. Safety fuel cutoff for heating appliances. 2,365,092; Dec. 12.

Martin, Samuel M. (See Hannan, D. O., and Martin.)

Martin, Samuel M. (See Lembitz, J. J., and Martin.)

Martin, Samuel M., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Tool for slitting cable insulations. 2,353,173; July 11.

Martin, Samuel M., and J. G. Miller, Baltimore, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Article manipulating apparatus. 2,356,864; Aug. 29.

Martin, Stoddard B., Lakewood, Ohio. Pusher. 2,351,220; June 13.

Martin, Stoddard B., Lakewood, Ohio. Pusher. 2,363,889; Nov. 28.

Martin, Stoddard B., Lakewood, Ohio. Pusher. 2,363,890; Nov. 28.

Martin, Stoddard B., Cleveland, Ohio. Pusher. 2,362,494; Nov. 14.

Martin, Thomas B., and K. L. Berninger, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich. Lift-off seal for adapters and regulators. 2,352,336; June 27.

Martin, Vernon, Wilmington, Del., assignor to Kaumagraph Company. Fan mailing card folder. 2,346,596; Apr. 11.

Martin, Wade B. (See Anspach, R. J., and Martin.)

Martin, Wade B., Westwood, N. J., assignor to American Telephone and Telegraph Company. Regenerative telegraph repeater. 2,357,840; Sept. 12.

Martin, Wade B., Westwood, N. J., and R. H. Weinmann, Roslyn, N. Y., assignors to American Telephone and Telegraph Company. Teletypewriter system. 2,360,702; Oct. 17.

Martin, Walter Q., Hickory, N. C. Drive mechanism for strippers of carding machines. 2,343,787; Mar. 7.

Martin, Warren S., Massapequa, N. Y. Multiple hearth furnace. 2,361,557; Oct. 31.

Martin, Wendell L., Shaker Heights, assignor to The Martin Brothers Electric Company, Cleveland, Ohio. Oscillating electric motor. 2,351,623; June 20.

Martin, Wesley G., assignor to A. O. Smith Corporation, Milwaukee, Wis. Hot water tank construction. 2,354,532; July 25.

Martin, Wesley G., assignor to A. O. Smith Corporation, Milwaukee, Wis. Tank fitting. 2,354,533; July 25.

Martin, William, Providence, R. I. Beetle trap. 2,345,408; Mar. 28.

Martin, William H., Pleasant Ridge, Mich., assignor to Progressive Welder Company. Welder. 2,341,458; Feb. 8.

Martin, William H., Pleasant Ridge, Mich., assignor to Progressive Welder Company. Welder. 2,341,459; Feb. 8.

Martin, William H., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric signaling. 2,341,934; Feb. 15.

Martin, William M., Maywood, Ill., assignor to American Can Company, New York, N. Y. Filling machine. 2,340,336; Feb. 1.

Martin, William M., Maywood, Ill., assignor to American Can Company, New York, N. Y. Filling machine. 2,351,059; June 13.

Martin, William M., Maywood, Ill., assignor to American Can Company, New York, N. Y. Liquid control system. 2,354,693; Aug. 1.

Martin, William McK., Maywood, Ill., assignor to American Can Company, New York, N. Y. Filling machine. 2,345,617; Apr. 4.

Martin, William O., assignor to W. O. Martin, Inc., Fort Smith, Ark. Reversing valve. 2,344,714; Mar. 21.

Martin, William O., Inc. (See Martin, William O., assignor.)

Martin, William T., assignor to Beech-Nut Packing Company, Canajoharie, N. Y. Machine for use in the manufacture of cartons. 2,350,690; June 6.

Martindell, Arthur C. (See Raines, A., and Martindell.)

Martindell, Frank, Western Springs, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Electric welding machine. 2,343,686; Mar. 7.

Martindell, Frank, Western Springs, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Electric welding machine. 2,343,687; Mar. 7.

Martindell, Frank, Western Springs, assignor to Western Electric Company, Incorporated, New York, N. Y. Weld strength testing apparatus. 2,353,056; July 4.

Martindell, Frank, Western Springs, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Method of and apparatus for shaping articles. 2,355,811; Aug. 15.

Martindell, Frank, Western Springs, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for shaping articles. 2,355,812; Aug. 15.

Martindell, Frank, Western Springs, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Monitor circuit for welding apparatus. 2,360,068; Oct. 10.

Martindell, Frank, Western Springs, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Winding apparatus. 2,360,960; Oct. 24.

Martineau, Dorothy A. (See Martineau, Paul W., assignor.)

Martineau, Paul W., assignor to D. A. Martineau, Bronx, N. Y. Light carrier and positioning means. 2,364,155; Dec. 5.

Martinec, Eugene F., Cleveland, Ohio, assignor to Norma-Hoffmann Bearings Corporation, Stamford, Conn. Bearing mounting. 2,357,597; Sept. 5.

Martinek, Anthony, Pittsburgh, Pa. Glareproof shield. 2,338,124; Jan. 4.

Martinek, Anthony, Allentown, Pa. Toilet device and producing said device. 2,364,085; Dec. 5.

Martinelli, Ciro C., Oaklyn, N. J., assignor to Radio Corporation of America. Noise limiter circuit. 2,345,762; Apr. 4.

Martines, Bene, Cranston, R. I. Sharpening files. 2,353,683; July 18.

Martines, Bene, Cranston, R. I. Armored cable cutter. 2,364,801; Dec. 12.

Martin-Hurst, William F. F., Sunbury-on-Thames, England. Fluid pressure servomotor. 2,340,817; Feb. 1.

Martin-Hurst, William F. F., Sunbury-on-Thames, England. Electrically controlled fluid-pressure operated motor. 2,366,121; Dec. 26.

Martin-Hurst, William F. F., Sunbury-on-Thames, England. Air supply system for aircraft fuel tanks and valves for use therein. 2,366,146. Dec. 26.

Martini, Ferruccio, New York, N. Y. Plate assembling and retaining jack. 2,358,180; Sept. 12.

Martinka, Michael, Duisburg, Germany; vested in the Alien Property Custodian. Power engine plant. 2,341,638; Feb. 15.

Martinson, Edwin O., assignor to The C. S. Johnson Company, Champaign, Ill. Self-locking closure operator. 2,342,812; Feb. 29.

Martinson, Edwin O., assignor to The C. S. Johnson Company, Champaign, Ill. Apparatus for depositing material under water. 2,344,446; Mar. 14.

Martinson, Lawrence E. (See Ballard, A. E., and Martinson.)

Marton, Anthony C. (See Dugan, T. M., and Marton.)

Marton, Ladislaus, Palo Alto, Calif., assignor to Radio Corporation of America. Electron microscope. 2,347,328; Apr. 25.

Marvel Equipment Corporation. (See Roethel, John H., assignor.)

Marvel, Harvey E. (See Baldwin, I. W., and Marvel, assignors.)

Marvel Slide Fastener Corporation. (See Savitzky, Abraham, assignor.)

Marvellum Company, The. (See Adams, Robert C., assignor.)

Marvin, John T., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Method and apparatus for briquetting of powdered metal. 2,341,732; Feb. 15.

Marvin, John T., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Method and apparatus for making composite metal parts. 2,350,119; May 30.

Marvin, Stanley, Lodi, assignor to Super Mold Corporation of California, Lodi, Calif. Conveyer mounting and feed unit. 2,360,069; Oct. 10.

Marvin, Thomas L., Chicago, Ill. Douche appliance. 2,345,275; Mar. 28.

Marx, August, assignor to The G. A. Gray Company, Cincinnati, Ohio. Ventilation apparatus. 2,358,868; Sept. 26.

Marx, George G., Detroit, Mich. Grate for boilers, furnaces and the like. 2,349,448; May 23.

Marx, Guilherme S., Rio de Janeiro, Brazil. Making hollow leather articles. 2,346,318; Apr. 11.

Marx, Joseph P., Hartford, Wis. Muffler. 2,343,152; Feb. 29.

Marx, Louis, & Company. (See Case, Noel L., assignor.)

Marx, Walter S., Jr., assignor to Printing Arts Research Laboratories, Inc., Santa Barbara, Calif. Photoengraving. 2,350,516; June 6.

Maryland Plastics, Inc. (See Milano, Sylvester, assignor.)

Marsall, John A., trustee. (See Neal, Ernest C., assignor.)

Marzoli, Armando, and F. Cervellati, Milan, Italy, assignors to Radio Corporation of America. Water-cooled amplifier. 2,361,487; Oct. 31.

Marzoli, Luigi, Palazzolo Sull'Oglio, Italy; vested in the Alien Property Custodian. Pressure device for drawing cylinders for fly frames having three, four, or more cylinders. 2,350,789; June 6.

Marzoli, Luigi, Palazzolo sull 'Oglio, Italy; vested in the Alien Property Custodian. Pressure hinged lever system for cylinders of sliver or lap drawing frames for use in spinning textile fibers of various kinds. 2,356,416; Aug. 22.

Maschinenfabrik Oerlikon. (See Boller, Wilhelm, assignor.)

Maschinenfabrik Oerlikon. (See Karer, Josef, assignor.)

Maschinenfabrik Schärer. (See Siegenthaler, Walter, assignor.)

Maschinenfabrik Schärer. (See Zindel, Ernst, assignor.)

Masecuch, Joseph J., assignor to Breeze Corporations, Inc., Newark, N. J. Metallic shield for electrical conductors. 2,359,436; Oct. 3.

Masek, Adolph E., assignor to Franks Manufacturing Corporation, Tulsa, Okla. Clutch. 2,342,880; Feb. 29.

Maseng, Olav, assignor to Square D Company, Detroit, Mich. Arc suppressor. 2,363,606; Nov. 28.

Masin, Joseph, New York, N. Y. Percolator for coffee and the like. 2,360,569; Oct. 17.

Masino, Joseph F. (See Schuch, E. A., and Masino.)

Maskey, James J. (See Manson, F. G., and Maskey.)

Maskrey, Frank R., Newark, N. J. Magazine type suturing clip applicator. 2,359,574; Oct. 3.

Marland, Charles H., 2nd, near Carlisle, Pa. Making pile fabric. 2,342,746; Feb. 29.

Maslin, Thomas I. (See Thomas, R. N., and Maslin.)

Mason, Adam E., Belleville, assignor to R. L. Skinner, Detroit, Mich. Filterelement. 2,364,395; July 25.

Mason, Arthur H., Evanston, Ill., assignor to Wells Lamont Corporation. Curved glove. 2,343,220; Feb. 29.

Mason, Benjamin F., Dinuba, Calif. Ore agitator. 2,347,357; Apr. 25.

Mason, Charles R., Charlton, N. Y., assignor of one-half to R. B. Ransom, Hartford, Conn. Flexure member. 2,341,053 Feb. 8.

Mason, Charles R., Ballston Spa, N. Y., assignor to General Electric Company. Electrical device. 2,345,409; Mar. 28.

Mason, Collins. (See Jamison, Clarence B., assignor.)

Mason, Collins, et al. (See Carol, James E., assignor.)

Mason, Elsie J., St. Paul, Minn. Pin. 2,361,860; Oct. 31.

Mason, Frederick P., assignor to Creed and Company Limited, Croydon, England. Synchronous motor. 2,338,525; Jan. 4.

Mason, Frederick P., assignor to Creed and Company Limited, Croydon, England. Telegraph system. 2,354,534; July 25.

Mason, Frederick P., assignor to Creed and Company Limited, Croyden, England. Alternating current supply. 2,364,802; Dec. 12.

Mason, Heber R., assignor of one-fourth to P. Henderson, Washington, D. C. Carburetor. 2,365,968; Dec. 26.

Mason, James C., Houston, Tex. Hydraulic surge method. 2,361,558; Oct. 31.

Mason, John M. (See Moremen, Marcus L., assignor.)

Mason, Monroe J. (See Eble, O. H., and Mason.)

Mason-Neilan Regulator Co. (See Earle, Henry C., Jr., assignor.)

Mason-Neilan Regulator Company. (See McKay, Robert S., assignor.)

Mason, Richard D. (See Baird, Douglas O.)

Mason, Richard H. (See Summerbell, W., and Mason.)

Mason, Warren P., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Mechanical wave filter. 2,342,813; Feb. 29.

Mason, Warren P., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave transmission network. 2,345,491; Mar. 28.

Mason, William C. (See Hutcheson, W. W., and Mason.)

Mason, William C., Slingerlands, assignor to A. D. Abbott, Albany, N. Y. Spray gun. 2,365,865; Aug. 29.

Mason, William H., Leesburg, Ohio. Pickup cane. 2,346,038; Apr. 4.

Mason, William S., Memphis, Tenn. Piston ring spacer and expander. 2,358,239; Sept. 12.

Mason, William S., Norfolk, Va. Piston ring. 2,362,286; Nov. 7.

Mason, William S., Chicago, Ill. Piston ring. 2,362,287; Nov. 7.

Masonite Corporation. (See Boehm, R. M., and Hall, assignors.)

Masonite Corporation. (See Ladon, Aaron A., assignor.)

Masonite Corporation. (See Miller, Robert T., assignor.)

Masowich, Frank, Lorain, Ohio. Siphon for the removal of welding fumes. 2,361,961; Oct. 31.

Massa, Robert F., New York, N. Y. Insulating covering. 2,350,363; June 6.

Masse, Thomas J., Alexandria, near Sydney, New South Wales, Australia, assignor to The Edes Manufacturing Company, Plymouth, Mass. Method and apparatus for grinding or polishing metal sheets. 2,360,504; Oct. 17.

Massey-Harris Company, Ltd. (See Ego, George R., assignor.)

Massey-Harris Company, The. (See Everett, Charles E., assignor.)

Massey-Harris Company Ltd. (See Johnston, Howard M., assignor.)

Massey-Harris Company, Ltd. (See Krause, Karl H., assignor.)

Massey, Henry P., New York, N. Y. Means and method for increasing the magnus effect. 2,344,515; Mar. 21.

Mastenbrook, Henry J., assignor to The Swartout Company, Cleveland, Ohio. Desuperheating valve. 2,355,458; Aug. 8.

Master Combustor Company. (See Keown, George C., assignor.)

Master Electric Company, The. (See Dicke, Carl H., assignor.)

Master Lock Company. (See Foote, D. J., and Soref, assignors.)

Masters, Frank T., Milwaukee, Wis. Stapling device. 2,358,463; Sept. 19.

Masterson, Christopher R. (See Ozol, R. J., and Masterson.)

Masterson, Harry, Cle Elum, Wash. Hoist line implement. 2,341,876; Feb. 15.

Mastrangelo, Frank, Fitchburg, Mass. Cabinet construction. 2,338,727; Jan. 11.

Mastrangelo, Frank, Fitchburg, Mass. Knockdown cabinet or locker. 2,346,982; Apr. 18.

Mastropole, Alfred J. (See Carlisle, R. W., and Mastropole.)

Matchett, Mahlon M. (See Klomp, Alfred W., assignor.)

Mateer, George L. (See Lobdell, P., and Mateer.)

Matejcik, Edward J., and W. J. Peppers, Detroit, Mich. Milling machine attachment. 2,352,110; June 20.

Mather, Albert G. (See Zipper, Charles F., assignor.)

Mather, Percy, assignor to Universal Oil Products Company, Chicago, Ill. Catalytic reactor. 2,338,345; Jan. 4.

Mather, Percy, assignor to Universal Oil Products Company, Chicago, Ill. Apparatus for catalytic conversion reactions. 2,338,346; Jan. 4.

Mather, Percy, and L. A. Mekler, assignors to Universal Oil Products Company, Chicago, Ill. Catalytic conversion of hydrocarbons. 2,357,531; Sept. 5.

Mather, Percy, and L. A. Mekler, assignors to Universal Oil Products Company, Chicago, Ill. Catalytic reactor. 2,363,738; Nov. 28.

Mather, Percy, and L. A. Mekler, assignors to Universal Oil Products Company, Chicago, Ill. Catalytic conversion of hydrocarbons. 2,365,893; Dec. 26.

Mathes, Richard E., Westfield, N. J., assignor to Radio Corporation of America. Ionic relay circuit arrangement. 2,348,555; May 9.

Mathes, Richard E., Westfield, N. J., assignor to Radio Corporation of America. Keyboard operated code transmitter. 2,361,115; Oct. 24.

Mathes, Robert C. (See Bruce, E., and Mathes.)

Mathes, Roger A. (See Jones, P. C., and Mathes.)

Mathes, Roger A., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Vulcanization of rubber. 2,338,863; Jan. 11.

Mathes, Roger A., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Vulcanization of rubber. 2,338,864; Jan. 11.

Mathes, Roger A., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Vulcanization of rubber. 2,343,566; Mar. 7.

Mathes, Roger A., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Making aminothiazolines. 2,345,208; Mar. 28.

Mathes, Roger A., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Manufacture of mercaptothiazolines. 2,349,917; May 16.

Mathes, Roger A., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Composition of matter. 2,356,171; Aug. 22.

Mathes, Roger A., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Salts of mercaptans. 2,356,172; Aug. 22.

Mathes, Roger A., Akron, and P. C. Jones, Silver Lake, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Acceleration of vulcanization. 2,356,170; Aug. 22.

Mathes, Roger A., Akron, and P. C. Jones, Silver Lake, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Composition of matter. 2,356,604; Aug. 22.

Mathes, Roger A., Akron, and P. C. Jones, Silver Lake, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Aminoalkyl sulphide-aldehyde reaction product. 2,363,607; Nov. 28.

Matheson, Lorne A. (See Boyer, R. F., Matheson, and Moyle.)

Matheson, Lorne A., and R. F. Boyer, assignors to The Dow Chemical Company, Midland, Mich. Lubricated vinyl aromatic resin and preparation of shaped articles therefrom. 2,341,186; Feb. 8..

Mathews, Carl, and C. Chinzi, Jackson, Mich. Electrode holder. 2,349,510; May 23.

Mathews, Edwin S., Burbank, Calif. Soldering iron rest. 2,355,883; Aug. 15.

Mathews, Lee G., Los Angeles, Calif. Floor finishing machine. 2,351,278; June 13.

Mathias, David L., East Orange, N. J., assignor to Metal & Thermit Corporation, New York, N. Y. Weld rod covering. 2,355,988; Aug. 15.

Mathiesen, Nicholaus Per, Drammen, Norway; vested in the Alien Property Custodian. Card filing compartment. 2,341,639; Feb. 15.

Mathieson Alkali Works, Inc. (See Clark, Charles C., assignor.)

Mathieson Alkali Works, Inc., The. (See Cunningham, George L., assignor.)

Mathieson Alkali Works, Inc., The. (See Day, George G., assignor.)

Mathieson Alkali Works, Inc., The. (See Ferrari, Charles G., assignor.)

Mathieson Alkali Works, Inc., The. (See Hampel, Clifford A., assignor.)

Mathieson Alkali Works, Inc., The. (See MacMahon, James D., assignor.)

Mathieson Alkali Works, Inc., The. (See MacMullin, Robert B., assignor.)

Mathieson Alkali Works, Inc., The. (See Michalek, J. C., and Erickson, assignors.)

Mathieson Alkali Works, Inc., The. (See Petroe, Gregory A., assignor.)

Mathieson Alkali Works, Inc., The. (See Savell, Walter L., assignor.)

Mathieson, Andrew C. (See Gallup, D. L., and Mathieson.)

Mathieson, C. W., et al. (See Strong, Jules Q., assignor.)

Mathieu, Donby J., Chicago, Ill., assignor to Shellmar Products Company, Mount Vernon, Ohio. Package. 2,357,339; Sept. 5.

Mathis, Clyde H. (See Lerch. W. B., Mathis, and Gatchell.)

Mathis, Scally B., Memphis, Tenn. Multiple opposed piston engine. 2,361,700; Oct. 31.

Mathis, Waddy T., Hamden, Conn., assignor to Clay Adams Co. Inc., New York, N. Y. Pipette. 2,339,870; Jan. 25.

Mathis, Waddy T., Hamden, Conn., assignor to Clay Adams Co. Inc., New York, N. Y. Safety device for pipettes. 2,348,831; May 16.

Mathis, Waddy T., Hamden, Conn., assignor to Clay Adams Co. Inc., New York, N. Y. Pipette. 2,358,936; Sept. 26.

Mathisen, Anders. (See Salmond, H. M., and Mathisen.)

Mathisen, Anders, Osterley, Isleworth, assignor to Graviner Manufacturing Company, Limited, Osterley, Isleworth, England. Fire extinguishing system with remote controlled selective multiway distribution. 2,353,765; July 18.

Matje, Herbert J., West Allis, Wis. Water supply system for passenger cars. 2,365,644; Dec. 19.

Matlas, Alfred. (See Berliner, M., and Matlas.)

Matlat, Gustav W., Washington, D. C. Corrugating sheet metal. 2,343,126; Feb. 29.

Matlock, Harold C., Bridgeport, Conn., assignor to United States Rubber Company, New York, N. Y. Conveying apparatus. 2,351,990; June 20.

Matson, George C., Brookfield, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Article forming apparatus. 2,341,462; Feb. 8.

Matson, George C., Brookfield, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Safety device. 2,348,489; May 9.

Matson, Louis L., East Cleveland, Ohio, assignor to General Electric Company. Base for electric lamps and similar devices. 2,338,865; Jan. 11.

Matson, William U., Arlington, Va. Power transmission system. 2,346,175; Apr. 11.

Matsudaira, Hatsutaro, Hsingking, Manchoukuo; vested in the Alien Property Custodian. System for directive radiation of electromagnetic waves. 2,349,976; May 30.

Matteo, Joseph F. (See Hoke, H. A., and Matteo.)

Matter, Albert J., Park Ridge, assignor to Crane Packing Company, Chicago, Ill. Sealing unit. 2,347,118; Apr. 18.

Matter, Albert J., Park Ridge, Ill., assignor to The Nye Tool & Machine Works. Pipe bender. 2,351,279; June 13.

Matter, Albert J., Park Ridge, Ill. Hose connector. 2,356,333; Aug. 22.

Matter, Albert J., Park Ridge, assignor to Crane Packing Company, Chicago, Ill. Fluid seal. 2,365,351; Dec. 19.

Mattern, Raymond P., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Metal clad switch. 2,342,354; Feb. 22.

Mattern, Raymond P., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Temperature responsive device. 2,363,075; Nov. 21.

Mattersdorf, Gustav, New York, N. Y. Friction brake. 2,365,715; Dec. 26.

Matteson, Elwin A., assignor to The Aetna-Standard Engineering Company, Youngstown, Ohio. Galvanizing. 2,345,058; Mar. 28.

Matteson, Harold J., assignor to General Controls Co., Glendale, Calif. Refrigerant control system. 2,363,010; Nov. 21.

Matteson, Jesse O., Muskegon, Mich., assignor to The Brunswick-Balke-Collender Company, Chicago, Ill. Marking gauge. 2,342,155; Feb. 22.

Matteucci, Raffaele, Turin, Italy; vested in the Alien Property Custodian. Yieldable coupling. 2,363,257; Nov. 21.

Matthes, Samuel S., assignor to The Ohio Brass Company, Mansfield, Ohio. Trolley wire hanger. Re. 22,472; Apr. 18.

Matthes, Samuel S., assignor to The Ohio Brass Company, Mansfield, Ohio. Span hanger for trolley wires. 2,348,918; May 16.

Matthes, Samuel S., assignor to The Ohio Brass Company, Mansfield, Ohio. Trolley wire support. 2,354,869; Aug. 1.

Matthes, Samuel S., assignor to The Ohio Brass Company, Mansfield, Ohio. Overhead trolley frog and switch. 2,359,437; Oct. 3.

Matthes, Samuel S., assignor to The Ohio Brass Company, Mansfield, Ohio. Trolley ear. 2,362,082; Nov. 7.

Matthes, Samuel S., assignor to The Ohio Brass Company, Mansfield, Ohio. Section insulator. 2,362,759; Nov. 14.

Matthesius, Anna S., Chicago, Ill., assignor, by mesne assignments, to Rose-Derry Company, Newton, Mass. Protective carrier for infants. 2,358,410; Sept. 19.

Matthews, Albert, R. C. Pauly and B. E. Maxon, assignors to The American Laundry Machinery Company, Cincinnati, Ohio. Garment drier. 2,353,741; July 18.

Matthews, George A., assignor to The Detroit Edison Company, Detroit, Mich. Circuit protective equipment. 2,339,025; Jan. 11.

Matthews, George A., assignor to The Detroit Edison Company, Detroit, Mich. Apparatus for protecting power lines. 2,352,556; June 27.

Matthews, Howard D., Detroit, Mich., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Snap action element. 2,339,501; Jan. 18.

Matthews, Irving C., and S. E. Sheppard, assignors to Eastman Kodak Company, Rochester, N. Y. Prevention of fungus growth on photographic films. 2,341,461; Feb. 8.

Matthews, J. A. (See Kunkel, Elza O., assignor.)

Matthews, Jas. H., & Company. (See Escher, Joseph M., assignor.)

Matthews, Jas. H., & Company. (See Weber, Emil R., assignor.)

Matthews, Joseph, L., Highland Park, N. J. Molding machine. 2,340,972; Feb. 8.

Matthews, Louis L., assignor to Maxson Automatic Machinery Company, Westerly, R. I. Counting and marking machine. 2,365,645; Dec. 19.

Matthews, W. N., Corporation. (See Brown, K. R., and Mosley, assignors.)

Matthews & Yates Limited. (See Haber, Eugene J., assignor.)

Mattheysses, Marcel J., Bronx, N. Y., assignor to Federal Telephone and Radio Corporation. Rectifier and circuit. 2,357,418; Sept. 5.

Matthias, Friedrich. (See Halbig, P., Matthias, and Treibs.)

Matthias, Lynn H., assignor to Allen-Bradley Company, Milwaukee, Wis. Magnet structure. 2,348,556; May 9.

Matthies, William H. (See Davis, R. C., and Matthies.)

Matthies, William H. (See Hubbard, F. A., Matthies, and Myers.)

Matthysse, Irving F. (See Lee, M., and Matthysse.)

Mattimore, John D., Greensburg, Pa., assignor to Walworth Patents Inc., Boston, Mass. Valve. 2,357,965; Sept. 12.

Mattimore, John D., Greensburg, Pa., assignor to Walworth Patents Inc., Boston, Mass. Valve. 2,364,907; Dec. 12.

Mattingly, Harold W., assignor to Axelson Manufacturing Co., Los Angeles, Calif. Shock absorbing strut. 2,364,865; Dec. 12.

Mattinson, Frank W., and R. Hoffman, assignors to Shenandoa Rayon Corporation, Utica, N. Y. Treatment of rayon yarn. 2,351,865; June 20.

Mattis, Michael A., Shamokin, Pa. Connector for insulated conductors. 2,353,778; July 18.

Mattoon, Deo R., assignor to Corning Glass Works, Corning, N. Y. Teapot assembly. 2,343,017; Feb. 29.

Mattoon, Deo R., assignor to Corning Glass Works, Corning, N. Y. Glass filter and manufacture thereof. 2,360,570; Oct. 17.

Mattox, William J., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,340,007; Jan. 25.

Mattox, William J., assignor to Universal Oil Products Company, Chicago, Ill. Treament of hydrocarbons. 2,344,318; Mar. 14.

Mattox, William J., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon distillates. 2,348,557; May 9.

Mattox, William J., assignor to Universal Oil Products Company, Chicago, Ill. Catalytic reforming. 2,349,827; May 30.

Mattox, William J., assignor to Universal Oil Products Company, Chicago, Ill. Manufacture of ethyl benzene. 2,360,358; Oct. 17.

Mattox, William J., assignor to Universal Oil Products Company, Chicago, Ill. Dealkylation of polyethyl benzene. 2,360,814; Oct. 17.

Mattox, William J., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Production of stilbene. 2,361,044; Oct. 24.

Mattox, William J., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Isomerization of naphthenes. 2,365,894; Dec. 26.

Mattson, Gust W., Chicago, Ill. Gearing. 2,364,156; Dec. 5.

Matulaitis, Victor E., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Power transmission. 2,349,185; May 16.

Matuszak, Maryan P. (See Blaker, D. G., and Matuszak.)

Matuszak, Maryan P., Bartlesville, Okla., assignor to Phillips Petroleum Company. Flowmeter for hydrofluoric acid. 2,340,008; Jan. 25.

Matuszak, Maryan P., Bartlesville, Okla., assignor to Phillips Petroleum Company. Catalytic dehydrogenation process. 2,350,628; June 6.

Matuszak, Maryan P., Bartlesville, Okla., assignor to Phillips Petroleum Company. Window resistant to hydrofluoric acid. 2,357,753; Sept. 5.

Matuszak, Maryan P., Bartlesville, Okla., assignor to Phillips Petroleum Company. Hydrofluoric acid alkylation of paraffins. 2,360,436; Oct. 17.

Mauch, Karl, and O. Pauer, Hamburg, Germany; vested in the Alien Property Custodian. Treating bituminous substances. 2,348,832; May 16.

Maude, Aylmer H. (See Osborne, S. G., and Maude.)

Maude, Aylmer H., and D. S. Rosenberg, assignors to Hooker Electrochemical Company, Niagara Falls, N. Y. Storing and concentrating anhydrous hydrogen chloride. 2,356,259; Aug. 22.

Maude, Aylmer H., and D. S. Rosenberg, assignors to Hooker Electrochemical Company, Niagara Falls, N. Y. Storing and concentrating anhydrous hydrogen chloride. 2,356,334; Aug. 22.

Maude, John H., Verdun, assignor to Dominion Engineering Works Limited, Lachine, Quebec, Canada. Hydraulic press. 2,358,650; Sept. 19.

Maude, John H., Verdun, assignor to Dominion Engineering Works Limited, Lachine, Quebec, Canada. Hydraulic press. 2,358,759; Sept. 19.

Mauerer, Leopold, Chicago, assignor to Jefferson Electric Company, Bellwood, Ill. High reactance transformer. 2,358,725; Sept. 19.

Mauersberger, Ernest A., assignor to Alframine Corporation, New York, N. Y. Quaternary compounds. 2,357,598; Sept. 5.

Mauger, Arthur J., Gary, Ind., and A. H. Ward, Brentwood, Pa., assignors to Carnegie-Illinois Steel Corporation. Metallic coating alloy. 2,360,784; Oct. 17.

Maulding, Arthur W., Chicago, Ill., assignor to American Car and Foundry Company, New York, N. Y. Work handling mechanism. 2,352,726; July 4.

Maule, Belford D., Jackson, Mich. Tail wheel mounting. 2,344,157; Mar. 14.

Maule, Belford D., Michigan Center, Mich. Tired wheel. 2,338,294; Jan. 4.

Mauler, Harry J. (See Lindsey, R. B., and Frock, assignors.)

Maupin, Leo E., North Kansas City, Mo. Aircraft position indicator. 2,361,862; Oct. 31.

Maurer, Carl W. (See Ehret, J., Jr., and Maurer.)

Maurer, Eduard. (See Deckel, H. C., Maurer, and Stömmer.)

Maurer, Edwin R., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Power transmission. 2,343,312; Mar. 7.

Maurer, Gottfried, Zurich, assignor to A. Müller & Cie. Maschinenfabrik und Eisengiesserei Aktiengesellschaft, Brugg, Switzerland. Press. 2,340,607; Feb. 1.

Maurer, Gottfried, Zürich, assignor to A. Müller & Cie, Maschinenfabrik und Eisengiesserei, Aktiengesellschaft, Brugg, Switzerland. Glue applying device in gluing machines. 2,348,991; May 16.

Maurer, J. A., Inc. (See Maurer, John A., Jr., assignor.)

Maurer, John A., Jr., assignor to J. A. Maurer, Inc., New York, N. Y. Optical system. 2,366,040; Dec. 26.

Maurer, Le Roy F. (See Schwartz, A. A., and Maurer.)

Maurer, Le Roy F. (See Trotter, J. C., and Maurer.)

Maurer, Sam, assignor of one-half to P. A. Seidel, Vancouver, British Columbia, Canada. Milk bottle holder. 2,344,715; Mar. 21.

Maurer, Siegfried, and H. O. Wiles, Chicago, Ill. Fractionating and refining organ extracts. 2,358,869; Sept. 26.

Maurer, Siegfried, and H. O. Wiles, Chicago, Ill. Fractionating and refining liver extracts. 2,358,870; Sept. 26.

Maurette, René G., Beverly, assignor to Sylvania Electric Products Inc., Salem, Mass. Lamp fixture. 2,364,992; Dec. 12.

Maurice, Sturge C., Kittanning, Pa. Grading device. 2,363,348; Nov. 21.

Mauro, Oswald G. (See Dons, E. M., and Mauro.)

Mauroner, Curtis, Braggs, Okla. Grading machine. 2,350,691; June 6.

Maus, Frank J., Paterson, N. J., and S. W. Rothermel, Lynbrook, assignors to The Western Union Telegraph Company, New York, N. Y. Telegraph apparatus. 2,341,935; Feb. 15.

Maust, Ernest J. (See Mead, H. L., and Maust.)

Maust, Ernest J., and C. A. Hollingsworth, Brewster, Fla., assignor to American Cyanamid Company, New York, N. Y. Removal of silica from nonmetallic ores by froth flotation. 2,343,221; Feb. 29.

Mautsch, Robert, Brussels, Belgium; vested in the Alien Property Custodian. Process and installation for the manufacture of shaped metal products. 2,352,443; June 27.

Mavity, Julian M., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,351,624; June 20.

Mavity, Julian M., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,365,895; Dec. 26.

Mawen Motor Corporation. (See Meyer, A. J., and Taylor, assignor.)

Maxcy, Gregg. (See Ulrey, David G., assignor.)

Maxey, Robert E. L., Akron, Ohio. Wedge fastening. 2,339,502; Jan. 18.

Maxey, Robert E. L., Akron, Ohio. Pole. 2,358,343; Sept. 19.

Maxey, William E., East St. Louis, Ill. Plumb bob support. 2,343,688; Mar. 7.

Maxim Silencer Company, The. (See Bourne, Roland B., assignor.)

Maxim Silencer Company, The. (See Saco, Felix, Jr., assignor.)

Maxon, Bruce E. (See Matthews, A., Pauly, and Maxon.)

Maxon, Glenway, Jr., assignor to The T. L. Smith Company, Milwaukee, Wis. Concrete consistency meter. 2,342,749; Feb. 29.

Maxon, Glenway, Jr., assignor to The T. L. Smith Company, Milwaukee, Wis. Concrete mixer. 2,350,285; May 30.

Maxon, Ira D., M. Sklovsky, and W. H. Nordenson, assignors to Deere & Company, Moline, Ill. Tractor. 2,340,134; Jan. 25.

Maxon, Ira D., M. Sklovsky, and W. H. Nordenson, assignors to Deere & Company, Moline, Ill. Tractor. 2,345,351; Mar. 28.

Maxson Automatic Machinery Company. (See Matthews, Louis L., assignor.)

Maxwell, Bernard L., Reading, and C. T. Atwood, Belmont, assignors to Lever Brothers Company, Cambridge, Mass. Apparatus for dedusting comminuted soap. 2,351,351; June 13.

Maxwell, Carl A., Akron, Ohio, assignor to The Babcock & Wilcox Company, Newark, N. J. Apparatus for producing pressure-tight tube and tube seat connections. 2,357,123; Aug. 29.

Maxwell, Carl R. (See Rosen, C. G. A., and Maxwell.)

Maxwell, Donald E., Scotia, N. Y., assignor to General Electric Company. Electron discharge amplifier. 2,365,575; Dec. 19.

Maxwell, Kenneth E., Martinez, assignor to Shell Development Company, San Francisco, Calif. Insecticidal compositions. 2,362,760; Nov. 14.

Maxwell, Robert W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Textile treatment process. 2,343,920; Mar. 14.

Maxwell, Robert W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Textile treatment. 2,358,871; Sept. 26.

Maxwell, Thomas A. (See Fraser, H. M., and Maxwell.)

Maxwell, William H., Newport Beach, Calif. Exercising device. 2,356,260; Aug. 22.

Maxwell, William H., Elberton, Ga. Wrist watch case lug. 2,358,990; Sept. 26.

May & Baker Limited. (See Barber, Harry J., assignor.)

May & Baker Limited. (See Ewins, A. J., and Ashley, assignors.)

May & Baker, Limited. (See Ewins, A. J., and Phillips, assignors.)

May & Baker, Limited. (See Newbery, George, assignor.)

May & Baker Limited. (See Phillips, Montague A., assignor.)

May, Emmett L. B., Houston, Tex. Soapstone holder. 2,350,629; June 6.

May, Erwin, Wetzlar, Germany; vested in the Alien Property Custodian. Sound film device. 2,358,411; Sept. 19.

May, Frank P., Rochester, N. Y. Drawer construction. 2,362,017; Nov. 7.

May, Harold F., Valley Stream, G. L. Bush, Flushing, and E. Frischknecht, Jackson Heights, assignors to The Teleregister Corporation, New York, N. Y. Registering system. 2,343,989; Mar. 14.

May, Jean L., Salt Lake City, assignor of one-half to A. L. Glasman and C. C. Buckle, Ogden, Utah. Typewriter reel. 2,366,147; Dec. 26.

May, John W. (See Ludwig, L. R., and May.)

May, John W., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Automatic reclosing breaker. 2,349,632; May 23.

May, John W., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Motor operated circuit breaker. 2,354,135; July 18.

May, John W., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,357,217; Aug. 29.

May, John W., Pittsburgh, and W. H. Stuellein, Pitcairn, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,340,973; Feb. 8.

May, John W., Pittsburgh, and T. Lindstrom, Edgewood, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,359,139; Sept. 26.

May Oil Burner Corporation. (See Salabes, Sody, assignor.)

May, Philipp. (See Pense, W., Aach, May, and Stärk.)

May, Richard W., Pittsfield, Mass., assignor to W. & L. E. Gurley, Troy, N. Y. Method and apparatus for testing the porosity of sheet metals. 2,350,058; May 30.

May, Robert L., Chicago, Ill., assignor to Sinclair Refining Company, New York, N. Y. Reaction products of aliphatic alcohols and terpene-phosphorus sulphide. 2,356,073; Aug. 15.

May, Robert L., Chicago, Ill., assignor to Sinclair Refining Company, New York, N. Y. Zinc salt of the reaction products of aliphatic alcohols and terpene-phosphorus sulphide. 2,356,074; Aug. 15.

May, Robert M., assignor to Crown Manufacturing Co., Inc., San Francisco, Calif. Shirt. 2,345,764; Apr. 4.

May, Thayer T., Garden City, La. Method of logging. 2,355,813; Aug. 15.

May, Thomas L., Toronto, Ontario, Canada, assignor to Reliance Machine and Tool Company, New York, N. Y. Automatic pressure operated lathe. 2,338,125; Jan. 4.

May, Walter H., Pelham Manor, assignor to Carlin Comforts, Inc., New York, N. Y. Clock. 2,344,468; Mar. 14.

Maybach, Karl. (See Lang, R., and Maybach.)

Mayberry, Gilbert L., Newark, N. J. Jack. 2,362,495; Nov. 14.

Mayberry, Milo G. (See McKinney, P. V., and Mayberry.)

Mayer, Alvin L., Cincinnati, Ohio, and H. R. Kossman, New York, N. Y.; said Kossman, assignor to said Mayer. Control of light. 2,346,983; Apr. 18.

Mayer, Carl F., Lakewood, Ohio. Oven for the continuous baking of cores or the like. 2,355,814; Aug. 15.

Mayer, Charles V. (See Pinson, A., and Mayer.)

Mayer, Elsie. (See Silversteen, Julius, assignor.)

Mayer, Friedrich, and F. Wopper, Regensburg, Germany; vested in the Alien Property Custodian. Riveting machine. 2,356,526; Aug. 22.

Mayer, James L., Chicago, Ill. Manometer. 2,354,327; July 25.

Mayer, Joseph W., Troy, assignor to Hughes-Autograf Brush Company, Inc., New York, N. Y. Bristle holder for brushes. 2,358,464; Sept. 19.

Mayer, Louis T., assignor to No-Sag Spring Company, Detroit, Mich. Soft edge seat construction. 2,356,417; Aug. 22.

Mayer, Richard, New Rochelle, N. Y., assignor, by mesne assignments to A. H. and L. S. Rosenberg, Clayton, and S. M. Rosenberg, University City, Mo. Combination cigarette container, lighter, and dispenser. 2,342,747; Feb. 29.

Mayer, Richard, New Rochelle, N. Y., assignor, by mesne assignments, to A. H. and L. S. Rosenberg, Clayton, and S. M. Rosenberg, University City, Mo. Combination cigarette container, lighter, and dispenser. 2,342,748; Feb. 29.

Mayer, William C., Jefferson, Wis. Drawer support. 2,361,116; Oct. 24.

Mayhew, Peter, Barrington, R. I. Crash plane. 2,364,803; Dec. 12.

Mayle, Louis F., Fort Wayne, Ind., assignor to Farnsworth Television and Radio Corporation. Video signal control system. 2,352,488; June 27.

Maynard, Carl W., Jr. (See Rossander, S. S., Sparks, and Maynard.)

Maynard, John E., Schenectady, N. Y., assignor to General Electric Company. Frequency variation response network. 2,338,526; Jan. 4.

Maynard, John E., Schenectady, N. Y., assignor to General Electric Company. Frequency variation response network. 2,338,527; Jan. 4.

Maynard, John E., Schenectady, N. Y., assignor to General Electric Company. Voltage indicating circuit. 2,341,936; Feb. 15.

Maynard, John E., Schenectady, N. Y., assignor to General Electric Company. Radio receiver. 2,341,937; Feb. 15.

Mayne, Robert. (See Smith, K. D., and Mayne.)

Mayne, Robert, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Self-laying track mechanism. 2,338,817; Jan. 11.

Mayne, Robert, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Sprocket wheel assembly. 2,338,818; Jan. 11.

Mayne, Robert, Akron, and C. D. Berry, Wadsworth, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Separable track for self-laying track type vehicles. 2,338,819; Jan. 11.

Mayne, Robert, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Flexible track. 2,342,953; Feb. 29.

Mayne, Robert, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Track for self-laying track vehicles. 2,343,239; Mar. 7.

Mayne, Robert, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Flexible track for self-laying track vehicles. 2,345,763; Apr. 4.

Maynes, Emma C. (See Maynes, Hyla F., assignor.)

Maynes, Hyla F., assignor of one-half to E. C. Maynes, North Tonawanda, N. Y. Fishing reel. 2,338,126; Jan. 4.

Maynes, Hyla F., assignor of one-half to E. C. Maynes, North Tonawanda, N. Y. Fishing reel. 2,340,892; Feb. 8.

Maynes, Hyla F., assignor of one-half to E. C. Maynes, North Tonawanda, N. Y. Aquatic amusement apparatus. 2,343,313; Mar. 7.

Mayo, Howard A., Bolton, Mass., assignor to S. Morgan Smith Company, York, Pa. Sluice gate. 2,360,961; Oct. 24.

Mayo, Joseph P., et al. (See Littlefield, Glenn C., assignor.)

Mays, Homer, North Lima, Ohio. Supporting apparatus. 2,344,932; Apr. 18.

Mays, James C., assignor to The Carborundum Company, Niagara Falls, N. Y. Abrasive wheel. 2,347,920; May 2.

Maytag Company, The. (See Smith, Thomas R., assignor.)

Maytham, Walter J., Jr., Wilmette, Ill. Fluid-operated lift. 2,341,463; Feb. 8.

Maywald, Frederick J. Jr., Rutherford, assignor to Allied Latex Corporation, East Newark, N. J. Machine and method for making certain rubber goods. 2,353,256; July 11.

Maze, James S., assignor to W. H. Maze Company, Peru, Ill. Lead head nail. 2,353,315; July 11.

Maze, W. H., Company. (See Maze, James S., assignor.)

Maze, William V., assignor to C. E. Miller Manufacturing Corporation, Anderson, Ind. Tire vulcanizer. 2,344,158; Mar. 14.

Mazur, Paul M., et al. (See Kramer, Ferdinand, assignor.)

Mazzucchelli, Arthur P., Bloomfield, N. J., assignor to Bakelite Corporation, New York, N. Y. Heat-hardenable oil-containing phenolic resins. 2,362,018; Nov. 7.

Mazzoni, Lucien, Lyon, France; vested in the Alien Property Custodian. Comb mold. 2,349,977; May 30.

McAfee, Almer M., and E. E. Dunlay, Port Arthur, Tex., assignors to Gulf Oil Corporation, Pittsburgh, Pa. Producing paraffinic oils. 2,347,274; Apr. 25.

McAfee, Jerry, assignor to Universal Oil Products Company, Chicago, Ill. Hydrocarbon conversion. 2,352,755; July 4.

McAleer, William S., Pittsburgh, Pa., assignor, by mesne assignments, to The McNally-Pittsburgh Manufacturing Corporation. Segregating heat drier and method. 2,346,176; Apr. 11.

McAllister, Alex J. (See Bennett, D. L., and McAllister.)

McAllister, Frank J., Denver, Colo. Piston. 2,360,568; Oct. 17.

McAllister, Joseph S., Ann Arbor, Mich. Cutting tool. 2,351,827; June 20.

McAllister, Sumner H. (See Anderson, J., Stager, and McAllister.)

McAllister, Sumner H. (See Bailey, W. A., Jr., and McAllister.)

McAllister, Sumner H. (See Taylor, J. F., and McAllister.)

McAllister, Sumner H., Lafayette, and W. E. Ross, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Alkylation process. 2,344,469; Mar. 14.

McAllister, Sumner H., Lafayette, and W. A. Bailey, Jr., Oakland, assignors to Shell Development Company, San Francisco, Calif. Separation of by-products from isophorone. 2,351,352; June 13.

McAllister, Sumner H., Lafayette, and J. Anderson, and W. E. Ross, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Catalytic conversion process. 2,360,699; Oct. 17.

McAllister, Sumner H., Lafayette, and J. Anderson, and W. E. Ross, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Catalytic conversion process. 2,360,700; Oct. 17.

McAlpine, Lawrence W., Jr. (See McAlpine, Lawrence W., assignor.)

McAlpine, Lawrence W., assignor of twenty per cent to L. W. McAlpine, Jr., Savannah, Ga., and twenty per cent to W. E. Carr, Norfolk, Va. Air brake cylinder release valve. 2,350,242; May 30.

McAndrew, James P., Scranton, Pa. Aircraft. 2,358,985; Sept. 26.

McAndrews, Peter J., Jamaica, N. Y. Valve. 2,338,127; Jan. 4.

McAndrews, Peter J., Jamaica, N. Y. Prime mover. 2,361,952; Nov. 7.

McAnneny, Adrian W., Houston, Tex., assignor, by mesne assignments, to The Texas Company, New York, N. Y. Anode for cathode protection systems. 2,360,244; Oct. 10.

McArthur, Donald A., assignor to The Wean Engineering Company, Inc., Warren, Ohio. Apparatus for polishing coated sheet metal. 2,365,480; Dec. 19.

McArthur, Elmer D., Schenectady, N. Y., assignor to General Electric Company. High-frequency apparatus. 2,353,742; July 18.

McArthur, Elmer D., Schenectady, N. Y., assignor to General Electric Company. High frequency electronic discharge device. 2,353,743; July 18.

McAvity, T., & Sons Limited. (See Blanchard, Frederick W., assignor.)

McAvoy, Frank E., Teaneck, N. J., assignor to General Bronze Corporation, Long Island City, N. Y. Target carrier. 2,344,829; Mar. 21.

McBane, Walter W. (See Stone, M. D., McBane, and Greenberger.)

McBean, Douglas M., Rochester, N. Y. Food dehydration. 2,365,890; Dec. 26.

McBee Company, The. (See Connor, R., and Welk, assignors.)

McBee Company, The. (See Nevin, Donald A., assignor.)

McBerty, Ford H. (See Powers, W. J., Jr., and McBerty.)

McBride, Andrew S. (See McBride, J. W., A. S., and W. F.)

McBride, Charles B., Port Chester, N. Y., and J. E. Watson, Westport, Conn., assignors to Prat-Daniel Corporation, Port Chester, N. Y. Apparatus for separating suspended particles from gaseous media. 2,360,355; Oct. 17.

McBride, George A., Alton, assignor to Western Cartridge Company, East Alton, Ill. Propellant powder. 2,344,516; Mar. 21.

McBride, Jesse E., Highland Park, Mich. Conveying mechanism. 2,361,222; Oct. 24.

McBride, Jesse E., Highland Park, and E. E. Landahl, assignors to Palmer-Bee Company, Detroit, Mich. Free trolley system. 2,344,155; Mar. 14.

McBride, John J., Bayonne, E. R. Schroeder, Hawthorne, and V. Willoughby, Ridgewood, N. J., assignors to American Car and Foundry Company, New York, N. Y. Regulator for brake rigging. 2,339,022; Jan. 11.

McBride, John W., A. S., and W. F., Burbank, Calif. Magnetic indicator. 2,346,773; Apr. 18.

McBride, John W., Burbank, Calif. Stringed musical instrument. 2,364,861; Dec. 12.

McBride, Ruby S., et al. (See Kogl, Frank, assignor.)

McBride, Walton F. (See McBride, J. W., A. S., and W. F.)

McCabe, Ira E., Chicago, Ill. Valve construction. 2,348,083; May 2.

McCabe, Ira E., Chicago, Ill. Meteorological apparatus. 2,355,739; Aug. 15.

McCabe, John E., Ft. Thomas, Ky. Coaster. 2,343,563; Mar. 7.

McCabe, Russell H., assignor to Burroughs Adding Machine Company, Detroit, Mich. Making electrical terminal fixtures. 2,338,524; Jan. 4.

McCaffrey, Marion P. (See Ruddock, William, assignor.)

McCain, Cecil C. (See Babbitt, B. J., and McCain.)

McCaleb, Albert G. (See Allen, Hugh E., assignor.)

McCaleb, Albert G. (See Older, Clifford, assignor.)

McCaleb, Kenneth V., Elberton, Ga., assignor to United Merchants & Manufacturers, Inc., Wilmington, Del. Stop motion for double cylinder jacquard looms 2,361,145; Oct. 24.

McCallister, J. V., et al. (See Cunningham, James E., assignor.)

McCandless, Edward L. (See Edwards, W. G., and McCandless.)

McCandless, Edward L., Kenmore, N. Y., assignor to The Linde Air Products Company. Bursting disk. 2,353,254; July 11.

McCann, John F., Springfield, Mass., assignor to Chain Belt Company, Milwaukee, Wis. Lubricating mechanism for sprocket chains. 2,355,003; Aug. 1.

McCann, Michael, Ozone Park, N. Y., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Attaching articles. 2,341,184; Feb. 8.

McCann, Michael, Ozone Park, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Thread controlling and severing mechanism for sewing machines. 2,346,594; Apr. 11.

McCann, Michael, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Article attaching machine. 2,345,943; Apr. 4.

McCann, Michael, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Presser device for tacking machines. 2,357,749; Sept. 5.

McCann, Paul S. (See Beaulieu, E. J., Bennett, and McCann.)

McCann, Paul S. (See Chandler, M. R., and McCann.)

McCann, Paul S., La Grange, and A. N. Todoroff, Chicago, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Conveyer apparatus. 2,362,079; Nov. 7.

McCann, Ronald A., assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for control of highway crossing signals. 2,340,816; Feb. 1.

McCann, Ronald A., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,354,602; July 25.

McCann, Ronald A., Swissvale, and L. V. Lewis, Pittsburgh, assignors to The Union Switch & Signal Company, Swissvale, Pa. Centralized traffic controlling system. 2,343,784; Mar. 7.

McCarron, Frank J., et al. (See Salverda, Henry P., assignor.)

McCarter, William L., Hanford, Calif. Registering device for printing. 2,351,274; June 13.

McCarthy, Fred I. (See Peters, M. F., and McCarthy.)

McCarthy, Henry J., Danvers, Mass., assignor to Sylvania Electric Products Inc. Electric discharge lamp starting device. 2,343,262; Mar. 7.

McCarthy, Henry J., Danvers, Mass., assignor to Sylvania Electric Products Inc. Electric discharge lamp and starting device. 2,346,109; Apr. 4.

McCarthy, Henry J., Danvers, Mass., assignor to Sylvania Electric Products Inc. Electric discharge lamp starting device. 2,351,440; June 13.

McCarthy, J. A. (See Kleckner, William R., assignor.)

McCarthy, J. Clarence, Manheim Township, Lancaster County, assignor to Armstrong Cork Company, Lancaster, Pa. Trim for plumbing fixtures. 2,350,790; June 6.

McCarthy, John W., Abbotsford, and W. H. Mee, Essendon, Victoria, Australia. Clothing for use in fabric brushing machines. 2,340,069; Jan. 25.

McCarthy, Paul R., Manor, and H. A. Ambrose, Penn Township, Allegheny County, assignors to Gulf Research & Development Company, Pittsburgh, Pa. Lubricants. 2,364,151; Dec. 5.

McCarthy, Timothy B., et al. (See Amos, Howard W., assignor.)

McCarty, Frank L., New Bedford, Mass. Pocket envelope. 2,354,820; Aug. 1.

McCarty, Lourdes V., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Thermoelectric safety device. 2,345,276; Mar. 28.

McCarty, Lourdes V., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Burner control apparatus. 2,349,443; May 23.

McCarty, Madison P., assignor of one-half to J. B. Donovan, Dallas, Tex. Testing device for ignition systems. 2,339,713; Jan. 18.

McCarty, Madison P., and B. Brown, Chicago, Ill. Changeable display device. 2,360,780; Oct. 17.

McCarty, Malcolm D., Dallas, Tex., assignor, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Apparatus for recording seismic waves. 2,340,272; Jan. 25.

McCarty, Malcolm D., Dallas, Tex., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Galvanometer. 2,351,353; June 13.

McCarty, Orin P., Pittsfield, Mass., assignor to General Electric Company. Electric circuit. 2,360,147; Oct. 10.

McCarty, William B., Jackson, Miss. Price tag holder. 2,347,423; Apr. 25.

McCashen, James F., Bay Village, Ohio, assignor, by mesne assignments, to Roto-Cut Corporation. Making coconut emulsion. 2,361,697; Oct. 31.

McCaskey, Perry A., Minerva, Ohio. Blade holder. 2,350,121; May 30.

McCaskey, Rankin C. (See Gluck, F. C., and McCaskey.)

McCauley, Claudius R., and O. W. Page, New Orleans, La. Control device. 2,340,070; Jan. 25.

McCawley, Alvin E., assignor of one-half to D. E. Williams, Mont Belvieu, Tex. Oil leakage indicator. 2,344,315; Mar. 14.

McClain, Thomas H., Altadena, assignor to Lockheed Aircraft Corporation, Burbank, Calif. Transparent closure and mounting. 2,351,991; June 20.

McClary, Archie W., Oakland, Calif. Metal drum. 2,354,921; Aug. 1.

McCleary, Lorin D., Indianapolis, Ind. Laundry machine. 2,339,345; Jan. 18.

McCleary, Lorin D., Indianapolis, Ind. Planetary engine. 2,359,657; Oct. 3.

McCleary, Rush F. (See Patterson, J. A., and McCleary.)

McCleary, Rush F., Beacon, assignor to The Texas Company, New York, N. Y. Mineral oil composition. 2,361,043; Oct. 24.

McCleary, Rush F., Beacon, assignor, by mesne assignments, to The Texas Company, New York, N. Y. Lubricating oil. 2,363,134; Nov. 21.

McCleary, Rush F., and J. R. Morris, Beacon, assignors to The Texas Company, New York, N. Y. Lubricant. 2,363,884; Nov. 28.

McCleery, Harold L., Downers Grove, Ill. Operating device for impulse-controlled instruments. 2,362,570; Nov. 14.

McClellan, Paul P. (See Kirk, P. M., and McClellan.)

McClellan, Paul P., Old Greenwich, and W. P. Ericks, Cos Cob, Conn., assignors to American Cyanamid Company, New York, N. Y. Stabilized diazo guanidine compound. 2,339,934; Jan. 25.

McClellan, Paul P., Old Greenwich, and W. P. Ericks, Cos Cob, Conn., assignors to American Cyanamid Company, New York, N. Y. Stabilized ice color composition containing biguanide. 2,339,935; Jan. 25.

McClellan, Paul P., Old Greenwich, and J. C. Bacon, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Sulfo amides of cis-endomethylene 3,6-Δ⁴-tetrahydro phthalic acid. 2,345,539; Mar. 28.

McClellan, Paul P., Old Greenwich, and W. P. Ericks, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Stabilized diazo dicyandiamide compound. 2,349,557; May 23.

McClellan, Raymond H. (See Linden, C. E., and McClellan.)

McClelland, Robert T., Mobile, Ala. Remote control mechanism. 2,365,284; Dec. 19.

McClevey, Presley E., Chicago, Ill. Constant communication device. 2,365,711; Dec. 26.

McCloskey, Augustus, et al. (See Pulliam, James D., assignor.)

McCloskey, Thomas P., Jr., Anniston, Mo. Fluid level indicator. 2,359,658; Oct. 3.

McCloud, Don B. (See Landis, C. R., and Culpepper, assignors.)

McCloud, John L. (See Zoerlein, E., McCloud, and Mickey.)

McCloy, Graham S., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. 2,351,139; June 13.

McCloy, Graham S., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. 2,351,140; June 13.

McClung, Murry G., Los Angeles, Calif. Vegetable peeler container. 2,339,936; Jan. 25.

McClure, Glenn T., McKeesport, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,352,277; June 27.

McClure, Nick. (See Limbert, J. K., Brane, and McClure.)

McClure, Robert W., San Diego, Calif. Honing device for choked engine cylinders. 2,353,409; July 11.

McCollum, Andrew O., Detroit, Mich. Die retainer. 2,364,733; Dec. 12.

McCollum, Henry J. D. (See Heymann, S. E., McCollum, and Williams.)

McCollum, Henry J. D., Chicago, Ill. Television apparatus. 2,346,499; Apr. 11.

McCollum, Henry J. D., Chicago, Ill. Heating and electrical generating apparatus. 2,362,283; Nov. 7.

McCollum, Henry J. D., Chicago, Ill. Heater. 2,362,571; Nov. 14.

McCollum, Henry J. D., Chicago, Ill. Heating system. 2,364,457; Dec. 5.

McCollum, Henry J. D., Chicago, Ill. Heating system. 2,364,458; Dec. 5.

McCollum, Henry J. De N., Chicago, Ill. Automobile heater. 2,349,740; May 23.

McCollum, Henry J. De N., and L. A. Williams, Jr., said Williams assignor to Stewart-Warner Corporation, Chicago, Ill. Aircraft heating apparatus. 2,345,140; Mar. 28.

McConnel, Frederick L., Emporia, Va. Portable mast. 2,351,275; June 13.

McConnell, Andrew J. (See Traver, O. C., and McConnell.)

McConnell, Andrew J., Albany, N. Y., and W. C. Morris, Darby, Pa., assignors to General Electric Company. Contact mechanism. 2,359,136; Sept. 26.

McConnell, Charles F., Oak Park, and C. E. Smith, assignors to Sears, Roebuck and Co., Chicago, Ill. Selecting, reproducing, and assembling items of data. 2,357,674; Sept. 5.

McConnell, Earl F., et al. (See Ingram, Bernard J., assignor.)

McConnell, Elliott B., Shaker Heights, and E. Kropp, assignors to The Standard Oil Company, Cleveland, Ohio. Preparation of coal slurries for transportation. 2,359,325; Oct. 3.

McConnell, Myrtle D., Chicago, Ill. Handmade rug. 2,357,750; Sept. 5.

McConnell, Ralph S., Portsmouth, Va. Collapsible container. 2,344,995; Mar. 28.

McConnell, William M., McKeesport, Pa., assignor to Mackintosh-Hemphill Company. Making deep-drawing stock. 2,344,996; Mar. 28.

McConnell, William W. (See Arterton, A. W., and McConnell.)

McConway & Torley Corporation. (See Leppla, Rudolph, assignor.)

McConway & Torley Corporation. (See Mohl, Harold H., assignor.)

McCool, James H., Topeka, Kans. Game or recreation table. 2,338,253; Jan. 4.

McCoon, Paul L., Los Angeles, Calif., assignor to Trijex Corporation. Cigarette case. 2,339,937; Jan. 25.

McCord, Alvin C., and A. W. Gardes, assignors to McCord Radiator & Mfg. Co., Detroit, Mich. Cartridge clip loading machine. 2,344,443; Mar. 14.

McCord, James H., Buffalo, N. Y. Electric switch. 2,357,675; Sept. 5.

McCord Radiator & Mfg. Co. (See Gardes, Alfred W., assignor.)

McCord Radiator & Mfg. Co. (See McCord, A. C., and Gardes, assignors.)

McCorkle, Miles R. (See Ralston, A. W., and McCorkle.)

McCorkle, Miles R., assignor to Armour and Company, Chicago, Ill. Preparation of unsaturated hydrocarbons from primary aliphatic amines. 2,355,314; Aug. 8.

McCormack, Alex A. (See Kucher, A. A., McCormack, and Wolcott.)

McCormack, Alex A., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,343,514; Mar. 7.

McCormack, Alex A., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,353,347; July 11.

McCormack, Alex A., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,361,854; Oct. 31.

McCormack, Alex A., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,361,855; Oct. 31.
McCormack, Paul W., Vestal, assignor to International Business Machines Corporation, New York, N. Y. Bearing testing device. 2,364,229; Dec. 5.
McCormack, Robert E. (See Keller, Gregory H., assignor.)
McCormick, Charles E. (See Kisselle, J. M., and McCormick.)
McCormick, Clarence J., Oakland, Calif. Fuel producing machine. 2,353,481; July 11.
McCormick, Edward J., Washington, D. C. Fuse. 2,345,618; Apr. 4.
McCormick, Elmer, and M. Hansen, assignors to John Deere Tractor Company, Waterloo, Iowa. Hydraulic power lift. 2,344,156; Mar. 14.
McCormick, Francis A. (See Fedorchak, W. J., Jackson, McCormick, Heyne, and Nelson.)
McCormick, Francis A. (See McLaughlin, J. E., Wilske, and McCormick.)
McCormick, George, San Carlos, L. N. Griffith, Oakland, E. J. Carter, Berkeley, A. D. Williams, Sacramento, Calif., and S. and T. T. McCormick, Columbus, Tex.; said Griffith, Carter, Williams, and S. and T. T. McCormick assignors to said G. McCormick. Journal box lid. 2,349,973; May 30.
McCormick, Lloyd A. (See Delp, M. Z., and McCormick.)
McCormick, Stephen. (See McCormick, G., Griffith, Carter, Williams, and McCormick, S. and T. T.)
McCormick, Thornton T. (See McCormick, G., Griffith, Carter, Williams, and McCormick, S. and T. T.)
McCormick, William E., Mount Penn, assignor to Willson Products, Inc., Reading, Pa. Resettable meter for indicating use of respirator filter canisters. 2,346,037; Apr. 4.
McCourt, Arthur R., Butte, Mont. Machine control. 2,344,391; July 25.
McCoy, Admiral H. (See Redmond, R. D., and McCoy.)
McCoy, Claudius T., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Amplitude-and frequency-modulation radio receiver. 2,354,959; Aug. 1.
McCoy, Howard M., Patterson Field, Ohio. Deicing propeller spinners. 2,343,918; Mar. 14.
McCoy, Howard M., Patterson Field, Ohio. Integrated model airplane. 2,354,392; July 25.
McCoy, J. Rodman, et al. (See Jensen, James A., assignor.)
McCoy, William C. (See Kraft, H. T., and McCoy.)
McCoy, William J., Jr., Holyoke, Mass. Compressor control. 2,338,451; Jan. 4.
McCracken, Henry O., Wilbraham, Mass. Billbook. 2,361,223; Oct. 24.
McCracken, John H. (See Schlesman, C. H., and McCracken.)
McCracken, John H., Oakland, assignor to California Fruit Growers Exchange, Los Angeles, Calif. Orchard heater. 2,356,939; Aug. 29.
McCrady, Laurance F. (See Ferguson, E. M., Barton, and McCrady.)
McCrady, William W., Boston, Mass. Electrically heated garment and portable battery therefor. 2,342,744; Feb. 29.
McCreery, Cecil W. (See Ferguson, J. E., and McCreery.)
McCreery, Cecil W. (See Louden, H. M., and McCreery.)
McCreary, Kenneth, Plainfield, assignor to F. W. Goetze, New Brunswick, N. J. Composite gasket. 2,339,479; Jan. 18.
McCreaky Tool Corporation. (See Poreau, Arthur W., assignor.)
McCrosson, John T., New York, N. Y. Sterilizing apparatus. 2,348,486; May 9.
McCrum, Walter I., Belmar, assignor to Bowen Research Corporation, Garwood, N. J. Atomizer head. 2,357,050; Aug. 29.
McCue, Irl W., Farmingdale, N. Y. Self-conforming tractor jack. 2,348,743; May 16.
McCulley, Faye M. (See Weeks, E. T., and McCulley.)
McCulloch, Frederick L., Tampa, Fla. Citrus fruit juice expressing machine. 2,363,798; Nov. 28.
McCulloch, William W., Baltimore, Md. Bottle handling device. 2,355,004; Aug. 1.
McCullough, Clarence L., Zanesville, Ohio. Clamp. 2,355,386; Aug. 8.
McCullough, Ira J. (See Reynolds, Waldo S., assignor.)
McCullough, Ira J., Los Angeles, Calif. Perforator gun with improved projectile restraining means. 2,349,666; May 23.
McCullough, Jack A. (See Eitel, W. W., and McCullough.)
McCullough, Paul J., assignor to J. Pavelka, St. Louis, Mo. Clock balance wheel. 2,362,836; Nov. 17.
McCullough, William E., Detroit, Mich. Heat exchange unit. 2,347,057; May 2.
McCullough, William E., and A. L. Goldsmith, assignors to Bohn Aluminum & Brass Corporation, Detroit, Mich. Forming refrigeration units. 2,359,926; Oct. 10.
McCullough, William T., assignor to Goodman Manufacturing Company, Chicago, Ill. Slack or cuttings removing device for kerf-cutting machines. 2,352,795; July 4.
McCullough, William T., assignor to Goodman Manufacturing Company, Chicago, Ill. Slack or cuttings removing device for kerf-cutting machines. 2,362,837; Nov. 14.
McCully, Gladys B., et al. (See Cotton, Loda L., assignor.)
McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Valve device. 2,366,044; Dec. 26.
McCune, Joseph C., Edgewood, and G. K. Newell, near Pitcairn, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Power drive mounting apparatus. 2,363,604; Nov. 28.
McCurdy, Clifford H. (See Snyder, Ivin F., assignor.)
McCurdy, Everett D. (See Davis, Walwin L., assignor.)
McCurdy, Howard, Walnut Park, Calif. Helical vent fluid bleeder. 2,338,347; Jan. 4.
McCurdy, Howard, Walnut Park, Calif. Helical centrifugal separator. 2,343,682; Mar. 7.
McDaniel, Ernest C., Denver, Colo. Trailer stabilizer. 2,344,921; Mar. 21.
McDaniel, Ernest C., Denver, Colo. Trailer dolly. 2,350,624; June 6.
McDavitt, Marcellus B., Hartsdale, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. Re. 22,475; May 9.
McDermet, John R., Hempfield Township, Westmoreland County, assignor to Elliott Company, Pittsburgh, Pa. Deaeration of liquids. 2,344,554; Mar. 21.
McDermott, Henry J. (See Davidson, H. O., and McDermott.)
McDermott, Henry J., Prospect Park, Pa., assignor to American Viscose Corporation, Wilmington, Del. Winding machine stop mechanism. 2,361,430; Oct. 31.
McDermott, William J., Port Robinson, Ontario, Canada. Building column. 2,340,003; Jan. 25.
McDill, Rex D., assignor to Thompson Products Incorporated, Cleveland, Ohio. Making evacuated valves. 2,365,285; Dec. 19.
McDole, John K. Bradner, Ohio. Fishing tackle box and chair. 2,357,214; Aug. 29.
McDonald, Charles B., Detroit, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Apparatus for producing self-locking screws. 2,360,003; Oct. 10.
McDonald, Eugene F., Jr., Chicago, Ill. Radio control system and multiple circuit switch. 2,346,177; Apr. 11.
McDonald, Eugene F., Jr., Chicago, Ill. Radio receiver. 2,361,953; Nov. 7.
McDonald, Hugh, assignor to Pillsbury Flour Mills Company, Minneapolis, Minn. Apparatus for bleaching flour. 2,365,767; Dec. 26.
McDonald, John E., New Rochelle, N. Y., assignor to B. F. Sturtevant Company, Boston, Mass. Dust concentrator. 2,339,416; Jan. 18.
McDonald, John L. Pajaro, Calif. Multistringed musical instrument. 2,343,384; Mar. 7.
McDonald, John J., Newton, Mass. Tray rack. 2,338,290; Jan. 4.
McDonald, Joseph F., New York, and H. B. Martin, Brooklyn, N. Y., assignors to Radio Corporation of America. Two-way radio telephone system. 2,341,224; Feb. 8.
McDonald, Louis, New York, N. Y. Metal cleaning compositions. 2,362,284; Nov. 7.
McDonald, Manuel C., assignor to The Brown Paper Mill Company, Inc., Monroe, La. Apparatus for the treatment and removal of chemicals from cooked or digested fiber pulp. 2,355,091; Aug. 8.
McDonald, Ronald R., Glace Bay, Nova Scotia, Canada. Combination blind and curtain support. 2,356,415; Aug. 22.
McDonald, Thomas M., St. Ignatius, Mont. Power unit and mounting for frictionally driving bicycles. 2,339,182; Jan. 11.
McDonald, Wayne E., assignor of one-third to G. H. Gonigam, one-third to C. M. Hill, and one-third to G. W. Bass, Walnut, Ill. Floor press. 2,347,604; Apr. 25.
McDonell, Frank W., Radburn, assignor to Newark Engineering Company, Hillside, N. J. Work supporting device for printers and the like. 2,341,409; Feb. 8.
McDonnell Aircraft Corporation. (See Drake, Charles W., assignor.)
McDonnell Aircraft Corporation. (See Marschner, C. F., and Johnson, assignors.)
McDonnell Aircraft Corporation. (See McDonnell, James S., Jr., assignor.)
McDonnell Aircraft Corporation. (See Tauser, Charles H., assignor.)
McDonnell, James A. (See Otto, C. D., and McDonnell.)
McDonnell, James S., Jr., Clayton, assignor to McDonnell Aircraft Corporation, Robertson, Mo. Airplane power plant cooling. 2,340,396; Feb. 1.
McDonough, Everett G. (See Evans, R. L., and McDonough.)
McDonough, John J. (See Page, F. R., and McDonough.)
McDonough, Mary A., Brooklyn, N. Y. Weather stripping. 2,346,137; Apr. 11.
McDonough, William R. (See Lapp, Chester A., assignor.)
McDorman, William P., assignor to General Motors Corporation, Dayton, Ohio. Chemistry. 2,363,188; Nov. 21.
McDougal, Taine G. (See Comb, Raymond L., assignor.)
McDougal, Taine G. (See Muller, M., Schwartzwalder, and McDougal.)
McDowell, Thomas E., assignor to The Pyle-National Company, Chicago, Ill. Airplane landing field locationing system and means. 2,350,407; June 6.

McDuffie, Archie D. (See Carls, D. F., and McDuffie.)
McDuffie, Archie D., Berkley, assignor to General Motors Corporation, Detroit, Mich. Lubricating and cooling arrangement. 2,339,714; Jan. 18.
McEachern, Irvin D., Crosbyton, Tex. Ensilage harvester. 2,348,634; May 9.
McElroy, John H., Pearl River, and F. W. Kalkhuis, Orangeburg, N. Y. Electric eraser. 2,343,237; Mar. 7.
McEvoy, Daniel J. and P. J., Chicago, Ill. Drawing instrument. 2,342,476; Feb. 22.
McEvoy, Patrick J. (See McEvoy, Daniel J. and P. J.)
McEwen, John, and J. P. Selberg, Los Angeles, Calif., assignors to International-Stacey Corporation, Columbus, Ohio. Portable derrick. 2,364,922; Aug. 1.
McFadyen, Alexander T., Grand Rapids, Mich. Glare shield. 2,358,173; Sept. 12.
McFall, Robert J., Arlington, Va., assignor to J. A. Stone, J. H. Boyden, and C. T. Mack, Washington, D. C., jointly. Control means for automatic stokers. 2,352,215; June 27.
McFall, Thurlow E., assignor to Michigan Arteraft Company, Sparta, Mich. Table leaf hinge. 2,358,174; Sept. 12.
McFall, Thurlow E., Sparta, and O. G. Norton, Detroit, Mich., assignors, by mesne assignments, to The Perfect Circle Company, Hagerstown, Ind. Piston ring structure. 2,343,919; Mar. 14.
McFall, William W. (See Kohl, W. R., and McFall.)
McFall, William W., Mankato, Minn. Shoulder tree. 2,353,839; July 18.
McFarland, Forest R. (See Griswold, W. R., and McFarland.)
McFarland, Forest R., Huntington Woods, assignor to Packard Motor Car Company, Detroit, Mich. Drive mechanism. 2,364,988; Dec. 12.
McFarland, Rolland, Jr., Chicago, Ill. Base exchange bodies and the preparation of the same. 2,361,754; Oct. 31.
McFarland, Walter K. (See Dodge, F. G., and McFarland.)
McFarlane, John, Trenton, N. J. Combination dispenser. 2,358,723; Sept. 19.
McFarlane, Robert A., Braintree, assignor to Courtaulds Limited, London, England. Manufacture of bolting cloth, grit gauze, and the like. 2,360,245; Oct. 10.
McFaull, Malcolm. (See Kimball, W. D., McFaull, and Braren.)
McFaull, Malcolm. (See Rideout, A. E., McFaull, and Wimmer.)
McFeaters, Harry L., New Castle, Pa., assignor to Pennsylvania Engineering Works. Receiving hopper structure for hot metal mixers. 2,340,193; Jan. 25.
McFeaters, Harry L., New Castle, Pa., assignor to Pennsylvania Engineering Works. Free flow hot metal ladle. 2,341,054; Feb. 8.
McFeaters, Harry L., New Castle, Pa., assignor to Pennsylvania Engineering Works. Door operating mechanism for tilting furnaces. 2,346,442; Apr. 11.
McFerron, Alfred V., Rocky River, assignor to The Globe Machine & Stamping Company, Cleveland, Ohio. Extinguisher. 2,354,762; Aug. 1.
McGall, Philip K. (See Mendelsohn, S., and McGall.)
McGarry, John T., and H. A. Eads, Cincinnati, Ohio; said Eads assignor to said McGarry. Water delivery apparatus. 2,355,662; Aug. 15.
McGaughy, Franklin C., San Antonio, Tex. Treating pebbles. 2,355,171; Aug. 8.
McGavack, John. (See Haefele, J. W., and McGavack.)
McGavack, John, Leonia, N. J., assignor to United States Rubber Company, New York, N. Y. Obtaining rubber from cryptostegia. 2,353,482; July 11.
McGay, John B., Tulsa, Okla. Measuring pressure differentials. 2,365,573; Dec. 19.
McGee, Francis E., Baltimore, Md. Grommet. 2,346,854; Apr. 18.
McGee, Francis E., Baltimore, Md. Grommet. 2,346,855; Apr. 18.
McGee, Jesse M., Oak Park, assignor to Roberts and Schaefer Company, Chicago, Ill. Process and apparatus for separating material. 2,350,625; June 6.
McGill, Chester T., Elgin, Ill. Fluid conditioning apparatus. 2,355,815; Aug. 15.
McGill, Chester T., and O. F. Dubruiel, assignors to Elgin Softener Corporation, Elgin, Ill. Valve and automatic operating mechanism therefor. 2,354,694; Aug. 1.
McGill, Horace U., Orange, and G. C. Hilliard, Beaumont, Tex. Control for steering apparatus. 2,339,023; Jan. 11.
McGill, James W., Alcoa, Tenn., assignor to Aluminum Company of America, Pittsburgh, Pa. Casting apparatus. 2,358,175; Sept. 12.
McGill, Katherine. (See Topken, Katherine McG.)
McGill Manufacturing Company. (See Popp, Rudolf, assignor.)
McGill Manufacturing Company. (See Storz, Otto, assignor.)
McGill, Mary E. (See Carpenter, J. A., and McGill.)
McGillicuddy, Addeline J., assignor of one-half to G. A. Kjosness, Spokane, Wash. and one-fifth to B. H. Levenson, Washington, D. C. Protective footwear. 2,347,191; Apr. 25.
McGinnis, Jack L., East Cleveland, and K. A. Honroth, assignors, by mesne assignments, to Jack & Heintz, Inc., Cleveland, Ohio. Bearing puller. 2,360,781; Oct. 17.
McGinnis, Lester R., Indianola, Iowa. Thumb guard. 2,357,413; Sept. 5.
McGivern, Charles S., Margate City, N. J. Nasal applicator. 2,362,704; Nov. 14.
McGladrey, Lyle L., Minneapolis, and C. M. Rhodes, St. Paul, assignors to Rapinwax Paper Company, Minneapolis, Minn. Method and apparatus for coating sheet material. 2,354,033; July 18.
McGlashan, Alexander, Glasgow, G. W. Haycock, Giffnock, and J. S. McMeekin, Glasgow, Scotland. Injector apparatus for the recovery of spilled beer and like beverages. 2,354,695; Aug. 1.
McGlaughlin, John P., Sr., Peekskill, N. Y. Instant unloading press and dehydrator. 2,345,983; Apr. 4.
McGlone, Edgar B., Pine Bluff, Ark. Laminated boat rib and making same.
McGlone, John J., Harvey, and R. I. Anderson, Chicago, assignors to Whiting Corporation, Harvey, Ill. Metalworking machine. 2,364,734; Dec. 12.
McGlone, John J., Harvey, and R. I. Anderson, Chicago, assignors to Whiting Corporation, Harvey, Ill. Metal working machine. 2,364,735; Dec. 12.
McGlone, John J., Harvey, and R. I. Anderson, Chicago, assignors to Whiting Corporation, Harvey, Ill. Metal working machine. 2,364,736; Dec. 12.
McGlothlin, Jacob J., Rowlandville, Md. Trailer. 2,355,663; Aug. 15.
McGovern, Bernard F., assignor to Wingfoot Corporation, Akron, Ohio. Method and apparatus for treating rubber articles prior to vulcanization. 2,362,653; Nov. 14.
McGovern, Frank J., Evanston, Ill., assignor to The Lummus Company, New York, N. Y. Method of and apparatus for condensing vapors. 2,341,281; Feb. 8.
McGovran, Edward R., Hyattsville, and L. D. Goodhue, Berwyn Heights, Md., assignors to Claude R. Wickard, as Secretary of Agriculture of the United States of America and his successors in office. Combined insecticide and germicide. 2,358,986; Sept. 26.
McGowan, Arthur O., Jr., Kansas City, Kans. Toilet seat wringer. 2,360,845; July 4.
McGowan, Kenneth J. J. (See Bone, H. L., and McGowan.)
McGowan, Kenneth J. J., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Attaching means. 2,355,544; Aug. 8.
McGowan, Kenneth J. J., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Slow release lock for railway switches. 2,355,989; Aug. 15.
McGowan, Kenneth J. J., Pittsburgh, assignor to The Union Switch and Signal Company, Swissvale, Pa. Electric lock. 2,360,956; Oct. 24.
McGowan, Mary G., Fall River, Mass. Teaching time. 2,354,978; Aug. 1.
McGowan, Michael E., Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Apparatus for inside coating. 2,349,444; May 23.
McGowan, Michael E., Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Sealing-in and molding lamp bulbs. 2,351,530; June 13.
McGowan, Michael E., Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Method and apparatus for spraying lamps. 2,358,651; Sept. 19.
McGowen, Llewellyn P., Detroit, assignor to Ford Motor Company, Dearborn, Mich. Plastic injection machine. 2,351,774; June 20.
McGrane, Frank B., Quincy, Mass., assignor to Colprovia Roads, Inc., Rochester, N. Y. Making bituminous paving compositions and pavements. 2,349,445; May 23.
McGrane, Frank B., Quincy, Mass., assignor to Colprovia Roads, Inc., Rochester, N. Y. Manufacture of bituminous pavements and paving compositions. 2,349,446; May 23.
McGrath, William L., Philadelphia, Pa., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control system. 2,340,004; Jan. 25.
McGrath, William L., Philadelphia, Pa., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Airconditioned control system. 2,343,467; Mar. 7.
McGrath, William L., Philadelphia, Pa., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Heating and cooling system. 2,344,555; Mar. 21.
McGrath, William L., Philadelphia, Pa., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Air conditioning system. 2,345,277; Mar. 28.
McGrath, William L., Philadelphia, Pa., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Direct expansion air conditioning control system. 2,350,408; June 6.
McGrath, William L., Philadelphia, Pa., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Refrigeration. 2,356,261; Aug. 22.

McGrath, William L., Philadelphia, Pa., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control of refrigeration apparatus. 2,364,459; Dec. 5.
McGraw Electric Company. (See Gomersall, John R., assignor.)
McGraw Electric Company. (See Olving, Bror G., assignor.)
McGraw Electric Company. (See Osterheld, Clark M., assignor.)
McGreevy, Dennis E., New Orleans, La. Caliper attachment. 2,357,836; Sept. 12.
McGregor, Ernest T., Vancouver, British Columbia, Canada. Combined abrasive pulpifier and washing apparatus. 2,338,383; Jan. 4.
McGrew, Frank C. (See Brubaker, M. M., Coffman, and McGrew.)
McGrew, Frank C., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Ethers. 2,364,737; Dec. 12.
McGrew, Maud, Baltimore, Md. Artificial seam marker 2,347,958; May 2.
McGrew, Maud, Baltimore, Md. Band for venetian blinds. 2,347,751; Sept. 5.
McGrew, Wallace M., Long Beach, Calif. Drill conduit for walls. 2,345,403; Mar. 28.
McGuire, Frederick T., Jr. (See Miller, S. H., Jenkins, and McGuire.)
McGunagle, William H., assignor to The Johnston & Jennings Company, Cleveland, Ohio. Valve. 2,345,984; Apr. 4.
McHale, Thos. D., Mfg. Co. (See Walker, H. J., and Bettlage, assignors.)
McHugh, Philip M., New York, N. Y., and W. C. Weber, Westport, Conn., assignors to The Dorr Company, New York, N. Y. Liquid clarification. 2,340,132; Jan. 25.
McIlvaine Burner Corporation. (See McIlvaine, J. H., and Hollman, assignors.)
McIlvaine, Edward M. (See Simmonds, H. A., and McIlvaine.)
McIlvaine, John H., and P. I. Hollman, Philadelphia, Pa., assignors to McIlvaine Burner Corporation, Chicago, Ill. Liquid fuel burner. 2,339,417; Jan. 18.
McIlvried, Edwin J. (See Nye, N. H., and McIlvried.)
McIlvried, Edwin J., Akron, assignor to The Vaughn Machinery Company, Cuyahoga Falls, Ohio. Mechanism for drawing wire. 2,353,576; July 11.
McIlvraith, John W., and E. L. Miller, New Castle, Pa., assignors to Associated Box Corporation. Box handle structure. 2,348,828; May 16.
McInnes, Dobbie, Limited. (See Oliphant, Marcus L., assignor.)
McInnis, Joseph S., assignor to Great American Furniture Corporation, Chicago, Ill. Article of furniture. 2,348,554; May 9.
McIntire, Roy O., Gary, Ind., assignor to Carnegie-Illinois Steel Corporation. Roll wiper. 2,357,963; Sept. 12.
McIntosh, Donald H. (See Fleming, E. P., and McIntosh.)
McIntosh, George F., Detroit, Mich. Boiler unit for electric steam radiators. 2,359,774; Oct. 10.
McIntosh, Herbert W., et al. (See Gray, James D. M., assignor.)
McIntosh, Maurice D., Cleveland Heights, assignor to L. S. Sanders, Shaker Heights, Ohio. Medium for use in making camera copies and preparing same. 2,355,884; Aug. 15.
McIntosh, Robert D., assignor to The Imperial Brass Manufacturing Company, Chicago, Ill. Two-way strainer. 2,338,291; Jan. 4.
McIntosh, Robert D., River Forest, assignor to The Imperial Brass Manufacturing Company, Chicago, Ill. Tube flaring tool. 2,350,054; May 30.
McIntosh, Robert E., Manchester, assignor to United Aircraft Corporation, East Hartford, Conn. Torque operated propeller pitch changing device. 2,339,090; Jan. 11.
McJunkin, Ray, Chicago, Ill. Mole trap. 2,357,414; Sept. 5.
McKahin, John D., La Crosse, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Planter. 2,345,201; Dec. 19.
McKamy, Paul E., Chicago, Ill., assignor to The Whitcomb Locomotive Company. Locomotive truck. 2,348,635; May 9.
McKanna, Robert H., and J. L. Ross, assignors to Ford Motor Company, Dearborn, Mich. Assembly device. 2,364,230; Dec. 5.
McKay Company, The. (See Blum, G. K., and Peters, assignors.)
McKay, Eugene H., Battle Creek, Mich., assignor to National Biscuit Company, New York, N. Y. Cereal food. 2,339,418; Jan. 18.
McKay, Eugene H., Battle Creek, Mich., assignor to National Biscuit Company, New York, N. Y. Making puffed cereal flakes. 2,339,419; Jan. 18.
McKay, George P. (See Lynch, P. H., Jr., and McKay.)
McKay, Harry W., administrator. (See McKay, Robert S.)
McKay, John A., Mfg. Company, The. (See Lynch, P. H., Jr., and McKay, assignors.)
McKay, Lester C. (See Morgan, F. M., and McKay.)
McKay Machine Company. (See Johnston, Dwight A., assignor.)
McKay Machine Company. (See Todd, Russell T., assignor.)
McKay, Robert S., deceased, Marlboro, by H. W. McKay, administrator, Dedham, assignor to Mason-Neilan Regulator Company, Boston, Mass. Controlling wood pulp cooking. 2,359,714; Oct. 3.
McKay, William A., and J. A. Dickie, Vancouver, British Columbia, Canada. Line tightener. 2,348,487; May 9.
McKay, William R. (See Mitchell, R. H., and McKay.)
McKays Company, The. (See Albertson, Lawrence E., assignor.)
McKays Company, The. (See Albertson, L. E., and Mueller, assignors.)
McKechnie, Ian C. (See Boyce, L. D., and McKechnie.)
McKechnie, Ian C., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Power transmission. 2,353,840; July 18.
McKee Glass Company. (See Poglein, Louis, assignor.)
McKee, Ralph W. (See Thayer, S. A., Binkley, McKee, MacCorquodale, and Doisy.)
McKeen, Harold E., Sheep Creek, British Columbia, Canada. Bit former. 2,344,361; Mar. 14.
McKeen, Henry W., Hurley, N. Mex. Skimmer. 2,363,885; Nov. 28.
McKellar, Everett D., Kirkland, Wash. Welding holder. 2,357,529; Sept. 5.
McKellip, Spencer W., Wynnewood, Pa. Electrical musical instrument. 2,340,001; Jan. 25.
McKellip, Spencer W., Wynnewood, and J. R. Ford, Narberth, Pa., said Ford assignor to said McKellip. Electrical musical instrument. 2,340,002; Jan. 25.
McKelvey, Frederick R., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Tire. 2,348,350; May 9.
McKelvey, William L., East Hempstead, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Movement determining mechanism. 2,356,167; Aug. 22.
McKenna, James F. (See Olin, J. E., and McKenna.)
McKenna, James F., Wyandotte, Mich., assignor to Sharples Chemicals Inc., Philadelphia, Pa. Separation of di-isopropyl amine from isopropyl alcohol. 2,348,683; May 9.
McKenna, Thomas L. (See Zizinia, P. T., and McKenna.)
McKenney, James F., Pittsfield, Mass., assignor to General Electric Company. Electric switching mechanism. 2,363,886; Nov. 28.
McKenzie, James G., Houston, Tex. Graving dock and construction. 2,340,005; Jan. 25.
McKenzie, Wendell R. (See Tarwater, L., and McKenzie.)
McKenzie, William M., Newtown, Conn. Chip separator. 2,356,465; Aug. 22.
McKewen, George E., Sr. (See Carner, George M., assignor.)
McKim, Burton, East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Testing system. 2,344,316; Mar. 14.
McKim, James B., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. Re. 22,476; May 9.
McKinley, Charles W. (See Eshbaugh, J. E., and McKinley.)
McKinley, Floyd C., Shaker Heights, Ohio. Bottle package. 2,358,523; Sept. 19.
McKinley, Rex V., Vicksburg, Miss. Stencil washing apparatus. 2,356,771; Aug. 29.
McKinney, Bernell H., Lindfield, near Sydney, New South Wales, Australia. Combined envelope and letter sheet. 2,344,891; Mar. 21.
McKinney, Elmer E., Reading, Pa. Safety saddle and scaffolding. 2,347,745; May 2.
McKinney, Elsmere W., Cleveland Heights, assignor to W. H. Taylor, Mentor-on-the Lake, Ohio. Slotting machine. 2,366,045; Dec. 26.
McKinney, Paul V., and M. G. Mayberry, Pittsburgh, Pa., assignors to The Pure Oil Company, Chicago, Ill. Resilient plastic composition and making the same. 2,354,868; Aug. 1.
McKinney, Robert M., Roselle, and H. M. Stark, Arden, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of titanium oxide pigments. 2,345,985; Apr. 4.
McKinnie, William P., Kenmore, N. Y., assignor to Curtiss-Wright Corporation. Retractable landing gear. 2,362,016; Nov. 7.
McKinnis Foods. (See McKinnis, Ronald B.)
McKinnis Foods. (See McKinnis, Ronald B., assignor.)
McKinnis, Ronald B., assignor, by mesne assignments, to Ronald B. McKinnis, doing business as McKinnis Foods, Winter Haven, Fla. Apparatus for extracting fruit. 2,353,841; July 18.
McKinnis, Ronald B., assignor, by mesne assignments, to R. B. McKinnis, doing business as McKinnis Foods, Winter Haven, Fla. Control system for fillers. 2,357,013; Aug. 29.
McKinnis, Ronald B., Winter Haven, Fla. Process and apparatus for storing liquids. 2,361,640; Oct. 31.
McKinnis, Ronald B., assignor, by mesne assignments, to R. B. McKinnis, doing business as McKinnis Foods, Winter Haven, Fla. Apparatus for bottom filling of containers. 2,361,641; Oct. 31.
McKinnon, Columbus, Chain Corporation. (See Guderian, George H., assignor.)
McKisson, Henry W. (See Myers, Hubert A., assignor.)

McKnight, J. C., et al. (See Prather, A. P., and Russell, assignors.)
McKnight, Robert L., Watertown, assignor to Scovill Manufacturing Company, Waterbury, Conn. Vanity box. 2,349,802; May 30.
McKnight, William H. (See Powell, G. M., and McKnight.)
McLachlan, Dan, Jr., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. X-ray technique. 2,341,108; Feb. 8.
McLachlan, Dan, Jr., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. X-ray technique. 2,347,638; Apr. 25.
McLain, William R., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Electrical process of producing villous or pubescent synthetic yarn. 2,362,572; Nov. 14.
McLaine, William L., Los Angeles, Calif. Drilling speed recorder. 2,357,051; Aug. 29.
McLane, Forrest B. (See Hellings, W. C., and McLane.)
McLaren, Peter J., assignor, by mesne assignments, to Reconstruction Finance Corporation, New York, N. Y. Cam gearing. 2,345,944; Apr. 4.
McLarn, Ernest S., Manhasset, assignor to International Standard Electric Corporation, New York, N. Y. Telephone handset. 2,359,570; Oct. 3.
McLarn, Ernest S., Manhasset, assignor to International Standard Electric Corporation, New York, N. Y. Wall telephone subset. 2,365,481; Dec. 19.
McLarty, Frank W., Vernon, Tex. Combined land and marine vehicle. 2,341,109; Feb. 8.
McLary, Henry J., Orangeville, Ontario, Canada. Weed destroying attachment for plows. 2,364,862; Dec. 12.
McLaughlin, Bernard S., Jr., Brooklyn, N. Y., and J. H. Zyerveld, Chester, Pa. Taper preventing photoelectric cell device. 2,343,785; Mar. 7.
McLaughlin, James L. A., Detroit, Mich. Heterodyne eliminator. 2,364,863; Dec. 12.
McLaughlin, John E., assignor to Doak Aircraft Co. Inc., Torrance, Calif. Drill socket construction. 2,349,741; May 23.
McLaughlin, John E., J. E. Wilske, and F. A. McCormick, Alton, Ill., assignors to Owens-Illinois Glass Company. Machine for assembling partitions. 2,353,842; July 18.
McLaughlin, John R., New Brunswick, N. J., assignor, by mesne assignments, to Tampax Incorporated, New York, N. Y. Method of and apparatus for inserting plugs into applicators. 2,353,174; July 11.
McLaughlin, John R., New Brunswick, N. J., assignor, by mesne assignments, to Tampax, Incorporated, New York, N. Y. Method of and apparatus for assembling plugs in applicators. 2,361,783; Oct. 31.
McLaughlin, Kenneth, Summit, N. J., assignor to Radio Corporation of America. Electrical connector for tubes. 2,353,348; July 11.
McLaughlin, Robert W., Jr., Bedford, assignor to American Houses, Inc., New York, N. Y. Building structure. 2,349,358; May 23.
McLaughlin, Robert W., Jr., Bedford Village, assignor to American Houses, Inc., New York, N. Y. Grain bin. 2,365,891; Dec. 26.
McLauthlin, Martin B., Malden, Mass. Hoisting machine. 2,351,060; June 13.
McLean, Barnet W., assignor to Snugseet Co., Philadelphia, Pa. Interlocking mechanism for hinged parts. 2,342,591; Feb. 22.
McLean, David A., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Stabilized halogenated compound and apparatus containing it. 2,339,091; Jan. 11.
McLean, George B., San Pedro, assignor to Union Oil Company of California, Los Angeles, Calif. Coating system for protecting surfaces against marine growth. 2,364,460; Dec. 5.
McLean, Robert E., Fort Benning, Ga. Swing-out-of-the-way-type wall bracket. 2,351,531; June 13.
McLean, Robert E., Fort Benning, Ga. Rotary can opener. 2,361,114; Oct. 24.
McLean, William A., assignor to Geneva Processes, Inc., Geneva, N. Y. Mixer. 2,341,185; Feb. 8.
McLeish, William S., Morehead City, N. C., assignor to The Re-will Company, Cleveland, Ohio. Anchor. 2,360,067; Oct. 10.
McLellan, E. W., Co. (See McLellan, W. G. and R. I., Field, and Poesch, assignors.)
McLellan, Roderick I. (See McLellan, W. G. and R. I., Field, and Poesch.)
McLellan, Wakeman G. and R. I., San Francisco, W. J. Field, Orinda, Calif., and G. H. Poesch, Columbus, Ohio, assignors to E. W. McLellan Co., San Francisco, Calif. Container. 2,348,488; May 9.
McLenegan, David W., Caldwell, N. J., assignor to General Electric Company. Air circulating device. 2,359,571; Oct. 3.
McLeod, Albert K., assignor to Aviation Patents, Inc., Los Angeles, Calif. Adjustable pitch propeller. 2,362,913; Nov. 14.
McLeod, Albert K., assignor to Aviation Patents, Inc., Los Angeles, Calif. Adjustable pitch propeller mechanism for airplanes. 2,362,914; Nov. 14.
McLeod, Earle D. (See Morgan, W. L., and McLeod.)
McLeod, Earle D., Rumford, R. I., assignor to Arnold, Hoffman & Co. Incorporated. Water-soluble biuret resins and making the same. 2,352,796; July 4.
McLeod, James K., St. Paul, assignor of one-third to H. F. Carmody, Minneapolis, and one-third to R. Hove, St. Paul, Minn. Article handling apparatus. 2,345,347; Mar. 28.
McLeod, Norman J. (See Way, W., and McLeod.)
McLeod, Roy D., assignor to Ross Operating Valve Company, Detroit, Mich. Speed control valve. 2,365,892; Dec. 26.
McLeod, William B., Los Angeles, Calif. Muffler. 2,353,914; July 18.
McLintock, John, Mount Vernon, Glasgow, Scotland. Piston and cylinder construction. 2,363,605; Nov. 28.
McLoughlin, Harold F., Shenstone Court, Shenstone, near Lichfield, W. E. Hill, Streetly, R. W. Morgan, and T. D. G. Wintle, Walsall; said McLoughlin assignor to J. A. Crabtree & Co. Limited, Walsall, Stafford County, England. Electric coupling. 2,360,304; Oct. 10.
McLuckie, George L. (See Hivick, C. L., and McLuckie.)
McMahan, Roy F., Avondale, near Louisville, Ky. Apparatus for applying metal straps. 2,357,480; Sept. 5.
McMahon, George F., assignor to Schweitzer & Conrad, Inc., Chicago, Ill. Making arc confining structures. 2,358,407; Sept. 19.
McMahon, Gilbert E., assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Gem. 2,348,636; May 9.
McMahon, Hugh C., Washington, D. C. Safety windshield and mounting. 2,352,727; July 4.
McMahon, John A., and E. Sydrow, St. Louis, Mo., assignors to John E. Mitchell Company, Dallas, Tex. Clamping device for heel-building machines. 2,348,351; May 9.
McMahon, Joseph R., and E. C. Springfield, Glendale, W. Va. Apparatus for applying protective coatings to suspended wires, cables, pipes, and the like. Re. 22,518; July 18.
McMahon, Richard P. (See Coxe, J. A., and McMahon.)
McMahon, Richard P., assignor to Bronson Reel Company, Bronson, Mich. Fishing reel. 2,354,530; July 25.
McMahon, William F., Riverside, Calif. Disk harrow. 2,352,963; July 4.
McMahon, William W., assignor to Wingfoot Corporation, Akron, Ohio. Vacuum method for filling tires with water. 2,349,594; May 23.
McMann, Carl R., Columbus, Ohio. Electrical appliance switch. 2,339,495; Jan. 18.
McMann, Ira H., Danville, Va. Fire control apparatus. 2,355,664; Aug. 15.
McManus, Charles E., Spring Lake, N. J., and G. B. Cooke, assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Cap. 2,357,416; Sept. 5.
McManus, Charles E., Spring Lake, N. J., C. E. McManus, Jr., Baltimore, Md., and W. I. Gladfelter, Philadelphia, Pa., assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Making containers. 2,359,775; Oct. 10.
McManus, Charles E., Jr. (See McManus, Charles E., C. E., Jr., and Gladfelter.)
McManus, Charles E., Jr., Spring Lake, N. J., and G. B. Cooke, assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Container and making same. 2,357,415; Sept. 5.
McMasters, Thomas B., Chicago, Ill. Safety leg portion for trousers or similar garments. 2,349,974; May 30.
McMeekin, James S. (See McGlashan, A., Haycock, and McMeekin.)
McMichael, Carrie S., Toronto, Ontario, Canada, assignor to Lady Mac Corset Co., Inc., Buffalo, N. Y. Foundation garment. 2,338,193; Jan. 4.
McMillan, Frank M., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Executing catalyzed vapor phase reactions. 2,351,354; June 13.
McMillan, Wallace A., Forest Hills, assignor, by mesne assignments, to The Texas Company, New York, N. Y. Pressure and temperature recording apparatus. 2,342,206; Feb. 22.
McMillan, Wallac A., Forest Hills, assignor, by mesne assignments, to The Texas Company, New York, N. Y. Fractionating apparatus. 2,346,443; Apr. 11.
McMillan, Wallace A., Forest Hills, assignor, by mesne assignments, to The Texas Company, New York, N. Y. Gas analysis apparatus. 2,351,532; June 13.
McMillin, Charles D. (See Hogsten, J. A., and McMillin.)
McMullen, Frederick E., assignor to Gleason Works, Rochester, N. Y. Gearing. 2,351,219; June 13.
McMullen, Harry C., Philadelphia, Pa. Mounting for spring roller window shades. 2,360,614; Oct. 17.
McMullen, John, Buffalo, N. Y. Combined washer and cotter pin spreader. 2,345,141; Mar. 28.
McMullen, John C., assignor to The Carborundum Company, Niagara Falls, N. Y. Refractory or insulating material. 2,340,194; Jan. 25.
McMullen, Joseph E., Milwaukee, Wis. Roll web terminal. 2,361,857; Oct. 31.
McMullen, Joseph E., and C. Stenger, Milwaukee, Wis. Tension control for paper rolls and the like. 2,361,856; Oct. 31.
McMullin, Roy A., Waban, assignor to Redler Conveyor Company, Quincy, Mass. Conveying apparatus. 2,354,325; July 25.

McMurray, Francis A., assignor to Norton-McMurray Manufacturing Company, Chicago, Ill. Coupling. 2,358,408; Sept. 19.
McMurray, Glenn D., Larned, Kans. Typing rhythm indicator. 2,348,744; May 16.
McMurry, Paul E., assignor of forty per cent to A. F. Walter, St. Joseph, Mo. Gate valve. 2,351,775; June 20.
McMurtry, Edward P., San Marino, Calif. Film developing cage. 2,344,710; Mar. 21.
McNab, John G. (See Winning, C., and McNab.)
McNab, John G., Roselle, N. J., assignor to Standard Oil Development Company. Lubricant. 2,362,292; Nov. 7.
McNab, John G., and W. T. Watkins, Jr., Elizabeth, assignors to Standard Oil Development Company, Roselle, N. J. Lubricant. 2,362,293; Nov. 7.
McNair, Norman S., assignor to Rotol Airscrews Limited, Gloucester, England. Antifriction bearing. 2,341,730; Feb. 15.
McNabb, Louis A., Evanston, assignor to The Bell & Howell Company, Chicago, Ill. Strip feed sprocket. 2,347,786; May 2.
McNall, Howard P., Detroit, Mich. Collapsible tube cap. 2,346,383; Apr. 11.
McNair, Joseph, Garfield, N. J. Applicator. 2,361,407; Oct. 31.
McNally, James G. (See Dickey, J. B., and McNally.)
McNally, James G., assignor to Eastman Kodak Company, Rochester, N. Y. Sizing cellulose acetate yarns. 2,360,246; Oct. 10.
McNally, James G., and J. B. Dickey, Rochester, N. Y., and A. R. Gray, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Manufacture of furfuryl amines. 2,338,655; Jan. 4.
McNally, James G., and D. R. Morey, assignors to Eastman Kodak Company, Rochester, N. Y. Hollow spindle yarn plying machine. 2,338,656; Jan. 4.
McNally, James G., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Azo compounds and material colored therewith. 2,338,728; Jan. 11.
McNally, James G., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Azo compounds and material colored therewith. 2,342,678; Feb. 29.
McNally, James G., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Azo compounds. 2,341,704; May 2.
McNally, James G., and F. C. Duennebier, assignors to Eastman Kodak Company, Rochester, N. Y. Water-soluble resins. 2,356,466; Aug. 22.
McNally, James G., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Sulphonamide compounds. 2,358,465; Sept. 19.
McNally-Pittsburgh Manufacturing Corporation, The. (See McAleer, William S., assignor.)
McNamara, Gordon G., Jr., Chicago, Ill., assignor to International Harvester Company. Wheel. 2,352,487; June 27.
McNamara, Gordon G., Jr., Chicago, Ill., assignor to International Harvester Company. Hitch. 2,354,268; July 25.
McNamara, Patrick B. (See Blanding, Joseph E., assignor.)
McNamara, Timothy L. (See Henderson, L. M., Ayers and McNamara.)
McNamara, Timothy L., Arlington Heights, and L. M. Henderson, Winnetka, assignors to The Pure Oil Company, Chicago, Ill. Method for treating hydrocarbon oil. 2,350,176; May 30.
McNamara, William L., assignor to Anchor Hocking Glass Corporation, Lancaster, Ohio. Transferring device. 2,359,432; Oct. 3.
McNamara, William L., assignor to Anchor Hocking Glass Corporation, Lancaster, Ohio. Transferring machinery. 2,359,433; Oct. 3.
McNamara, William L., and F. Z. Fouse, assignors to Anchor Hocking Glass Corporation, Lancaster, Ohio. Lehr loader. 2,363,681; Nov. 28.
McNamee, Bernard F., assignor to The Superior Oil Company, Los Angeles, Calif. Frictional resistance testing apparatus. 2,354,923; Aug. 1.
McNamee, Raymond W. (See Chitwood, H. C., and McNamee.)
McNamee, Raymond W. (See MacDowell, L. G., and McNamee.)
McNamee, Raymond W., South Charleston, and J. T. Dunn, Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation. Making lower dicarbonylic compounds. 2,339,282; Jan. 18.
McNamee, Raymond W., South Charleston, and J. T. Dunn, Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation. Making dicarbonylic compounds. 2,339,346; Jan. 18.
McNamee, Raymond W., South Charleston, and J. T. Dunn, Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation. Making lower dicarbonylic compounds. 2,339,347; Jan. 18.
McNamee, Raymond W., South Charleston, and J. T. Dunn, Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation. Making dicarbonylic compounds. 2,339,348; Jan. 18.
McNaught, Ada A., et al. (See McNaught, Robert P., assignor.)
McNaught, Norris F. (See MacLean, J. A., McNaught, and Doke.)
McNaught, Robert P., assignor of one-third to C. M. Bastian and one-third to A. A. McNaught, San Francisco, Calif. Perishable mark for quick-frozen foods. 2,340,037; Feb. 1.
McNaughton, Hart H. (See Scott, A. A., Jr., and McNaughton.)
McNeal, Daniel R., Abington, assignor to Andale Company, Philadelphia, Pa. Heat exchanger. 2,340,397; Feb. 1.
McNees, Lillie S., Overton, assignor of one-third to L. B. Skinner, Kilgore, Tex. Obstetrical belt. 2,355,740; Aug. 15.
McNeight, Samuel A. (See Reichert, J. S., McNeight, and Elston.)
McNeil Machine and Engineering Company, The. (See Brundage, James W., assignor.)
McNeil Machine and Engineering Company, The. (See Kuhike, Otto J., assignor.)
McNeil Machine & Engineering Company, The. (See Soderquist, Leslie E., assignor.)
McNeil Machine & Engineering Company, The. (See Soderquist, L. E., and Williams, assignors.)
McNeil, William M., Wheaton, assignor to United States Gypsum Company, Chicago, Ill. Apparatus for making expanded metal brake shoe reinforcings. 2,359,434; Oct. 3.
McNeill, Harry L., assignor to The Stearns-Roger Manufacturing Company, Denver, Colo. Aerating apparatus. 2,348,990; May 16.
McNulty, Frank J., Los Angeles, Calif., assignor of forty percent to M. Talbot, Macon, Mo. Pneumatic tire vehicle wheel. 2,344,362; Mar. 14.
McNulty, George M. (See Zimmer, J. C., and McNulty.)
McNulty, John W., Ridley Park, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Marine condenser installation. 2,355,005; Aug. 1.
McNutt, John F., Glendale, and R. E. Colby, Los Angeles, Calif. Walnut cutting machine. 2,344,711; Mar. 21.
McNutt, Joseph D., New Haven, Conn., and S. D. Ehrlich, Tamaqua, Pa., assignors to Western Cartridge Company, New Haven, Conn. Manufacturing salts of styphnic acid. 2,352,964; July 4.
McOmie, Rulon W., and H. A. Woods, Martinez, assignors to Shell Development Company, San Francisco, Calif. Low temperature grease. 2,339,715; Jan. 18.
McPartland, James H., St. John, New Brunswick, Canada. Ventilator. 2,360,782; Oct. 17.
McPherson, Charles A., Edgar, Mont. Wall material hoist. 2,358,865; Sept. 26.
McPherson, Taylor L., Lancaster, Calif. Wrench. 2,357,595; Sept. 5.
McPherson, Taylor L., Lancaster, Calif. Pliers. 2,359,527; Oct. 3.
McPhilomy, Richard C., Schenectady, N. Y., assignor to General Electric Company. Washing machine. 2,355,455; Aug. 8.
McQuaid, Daniel J., Sr., Denver, Colo. Drawing machine. 2,338,729; Jan. 11.
McQuay, Inc. (See Wilson, Donald P., assignor.)
McQuay-Norris Manufacturing Company. (See Guelker, Harold W., assignor.)
McQuay-Norris Manufacturing Company. (See Smith, Dallas M., assignor.)
McQueen, David M. (See Middleton, E. B., McQueen, and Hill.)
McQueen, David M. (See Woodward, D. W., and McQueen.)
McQueen, David M., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Photographic composition and process. 2,340,763; Feb. 1.
McQuillan, John F., Sr., East Orange, N. J. Automatic height gauge tapper. 2,349,667; May 23.
McQuillan, John F., Sr., East Orange, N. J. Scratch bit. 2,350,055; May 30.
McRae, James W., Neptune, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Amplification with high efficiency. 2,356,331; Aug. 22.
McShan, William H., and R. K. Meyer, assignors to Wisconsin Alumni Research Foundation, Madison, Wis. Obtaining follicle-stimulating hormone. 2,362,143; Nov. 7.
McSweeney, George. (See Burns, Frank D., assignor.)
McTerney, Adele, executrix. (See Slayton, Ralph E.)
McVay, James W., Kansas City, Mo. Shirt collar support. 2,344,712; Mar. 21.
McVey, Christian M., Denville, N. J. Apparatus for stamping. 2,363,540; Nov. 28.
McVey, Frank, Stillwater, Minn. Safety razor case. 2,342,207; Feb. 22.
McWane, Arthur T. (See Allison, Thomas T., Jr., assignor.)
McWane, Arthur T., Birmingham, Ala., assignor to McWane Cast Iron Pipe Company. Pipe joint. 2,365,574; Dec. 19.
McWane Cast Iron Pipe Company. (See McWane, Arthur T., assignor.)
McWane, Henry E., Lynchburg, Va. Method and apparatus for cooling metal molds. 2,344,363; Mar. 14.
McWhirter, Eric M. S., and R. H. Dunn, assignors to Standard Telephones and Cables Limited, London, England. Electric testing arrangement. 2,359,572; Oct. 3.

McWhorter, John F., Cleveland Heights, and M. W. Humphreys, Euclid, assignors to The Ohio Rubber Company, Willoughby, Ohio. Composite article. 2,361,555; Oct. 31.
McWilliams, Arthur C., Chicago, Ill. Camera. 2,342,876; Feb. 29.
McWilliams, James B., assignor to Railway Maintenance Corporation, Pittsburgh, Pa. Apparatus for removing, cleaning and re-distributing ballast. 2,358,657; Sept. 19.
McWilliams, Lawrence L., Bartlesville, Okla, assignor to Phillips Petroleum Company. Measuring fluid flow. 2,347,746; May 2.
Meacham, Edward M. (See Moecker, N., Jr., Frick, Meacham, and White.)
Mead, Harry L., Brewster, and E. J. Maust, Lakeland, Fla., assignors to American Cyanamid Company, New York, N. Y. Size band flotation of silica. 2,357,419; Sept. 5.
Mead, Harry L., and E. J. Maust, Brewster, Fla., assignors to American Cyanamid Company, New York, N. Y. Hindered settling classifier. 2,358,181; Sept. 12.
Mead, Howard C. (See Falge, R. N., and Mead.)
Mead, Milton S., Jr., Hempstead, N. Y., assignor to General Electric Company. Rate control for tuning fork oscillators. 2,346,984; Apr. 18.
Mead, Mulloy Corporation. (See Mulloy, George B., assignor.)
Mead, Richard R., Queens Village, N. Y., assignor to Mergenthaler Linotype Company. Slug trimming mechanism for typographical casting machines. 2,347,787; May 2.
Meador-Calender Corporation. (See Meador, Gordon R., assignor.)
Meador, Gordon R., Fresno, Calif. Fog nozzle. 2,349,449; May 23.
Meador, Gordon R., assignor to Meador-Calender Corporation, Fresno, Calif. Rotary pump or compressor. 2,353,965; July 18.
Meads, Philip F. (See Gillett, T. R., Meads, and Holven.)
Meagher, Ira E., et al. (See Gross, Arthur R., assignor.)
Meaker Company, The. (See Finston, Victor, assignor.)
Meaker, John W., Evanston, Ill. Container. 2,340,546; Feb. 1.
Meaker, John W., Evanston, and E. H. Yonkers, Jr.; said Yonkers, Jr., assignor to said Meaker. Electroperforator. 2,365,576; Dec. 19.
Meakin, Edgar T., San Francisco, Calif. Press. 2,340,009; Jan. 25.
Meakin, Edgar T., San Francisco, Calif. Extrusion mill. 2,354,924; Aug. 1.
Means, Eldon A., Wichita, Kans. Control and prevention of caving and sliding in drilling oil and gas wells. 2,349,050; May 16.
Means, Eldon A., Wichita, assignor to Lubri-Gel Products Company, McCracken, Kans. Salt water drilling mud. 2,349,049; May 16.
Mears, Stowell W., New Canaan, assignor to Bridgeport Brass Company, Bridgeport, Conn. Humidifying apparatus. 2,365,829; Dec. 26.
Mears, Whitney H. (See Carman, E. F., and Mears.)
Mears, William T., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Lamp construction. 2,344,716; Mar. 21.
Measurements Corporation. (See Delmhorst, William J., assignor.)
Mebs, Erwin H., Johnstown, Pa. Inserts for metal casting molds. 2,359,234; Sept. 26.
Mecchi, Edmondo, Brooklyn, N. Y. Amusement apparatus. 2,345,855; Apr. 4.
Mecco, Jerry M., Somerville, N. J., assignor to American Cyanamid Company, New York, N. Y. Ice color producing compositions. 2,362,083 Nov. 7.
Mechlin, William H., assignor to The Bauer Brothers Company, Springfield, Ohio. Separator. 2,356,775; Aug. 29.
Medart, Fred, Manufacturing Company. (See Albach, F., and Chervenka, assignors.)
Medeiros, Frank, et al. (See Hunt, William, assignor.)
Medeiros, Frank P., Fall River, assignor of one-third to A. S. Aguiar, Swansea, and one-third to W. Hunt, Fall River, Mass. Picker stick check. 2,362,916; Nov. 14.
Medenwald, Arthur L., Los Angeles, Calif., assignor, by mesne assignments, to The Cleveland Crane & Engineering Company, Wickliffe, Ohio. Platform or load suspension. 2,357,443; Sept. 5.
Medenwald, Arthur L., Los Angeles, and E. B. Spencer, Pasadena, assignors to E. B. Spencer and G. B. Morris, co-partners, doing business as Spencer & Morris, Los Angeles, Calif. Electrically controlled hoist for monorails. 2,360,505; Oct. 17.
Meder, Georg. (See Podschus, E., and Meder.)
Medford Engineering Co. (See Klein, William I., assignor.)
Medick, Heinrich, Wuppertal-Vohwinkel, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Water-soluble derivatives of hormonelike acting products and manufacturing the same. 2,359,276; Sept. 26.
Mediger, Harald, Dessau, Germany; vested in the Alien Property Custodian. Material for records. 2,342,679; Feb. 29.
Medina, Emilio, assignor of forty percent to L. Gasparini, Torrington, Conn. Antislipping device. 2,353,483; July 11.
Medl, Robert C., Jr., Marshallton, assignor to Hercules Powder Company, Wilmington, Del. Solutions of water-soluble cellulose ethers. 2,340,072; Jan. 25.
Medl, Robert C., Jr., Marshallton, assignor to Hercules Powder Company, Wilmington, Del. Water-soluble cellulose ether composition. 2,362,761; Nov. 14.
Medley, Harold C., assignor to The Jeffrey Manufacturing Company, Columbus, Ohio. Chain pin injector and ejector tool. 2,362,656; Nov. 14.
Medoff, Meyer, Lambertville, N. J. Suitcase. 2,348,436; May 9.
Mee, William H. (See McCarthy, J. W., and Mee.)
Meehan, Donald E., Washington, D. C. Runner mount. 2,358,817; Sept. 26.
Meehan, Donald E., Washington, D. C. Propeller. 2,360,571; Oct. 17.
Meehanite Metal Corporation. (See Reece, Herbert A., assignor.)
Meehanite Metal Corporation. (See Reece, H. A., and Smalley, assignors.)
Meehanite Metal Corporation. (See Smalley, Oliver, assignor.)
Meek, Beulah F. (See Owen, B. S., and Meek.)
Meek, Samuel W. (See Borst, Theodore E., assignor.)
Meeker, David A. (See Allen, K. C., and Meeker.)
Meeker, Harry B., Shickshinny, Pa. Washer. 2,347,210; Apr. 25.
Meeker, Richard E., assignor to Temperature Engineering Corporation, Kansas City, Mo. Piezo crystal testing device. 2,340,837; Feb. 1.
Meeks, Lonnie, San Antonio, Tex. Rotary internal combustion engine. 2,344,159; Mar. 14.
Mees, Willem. (See De Smet, P., and Mees.)
Meese, George E., East Cleveland, H. C. Wunderlich, Cleveland Heights, and A. J. Marshaus, Euclid, Ohio, assignors to General Electric Company. Electric lamp. 2,344,160; Mar. 14.
Mefina, S. A. (See Hönger, Guido, assignor.)
Megathlin, Ralph S., Wollaston, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Heel-attaching machine. 2,360,962; Oct. 24.
Mehan, Thomas O., Park Ridge, assignor to Victor Adding Machine Co., Chicago, Ill. Zero printing and column split mechanism. 2,346,265; Apr. 11.
Mehan, Thomas O., Park Ridge, Ill. Detachable spool mounting. 2,352,279; June 27.
Mehan, Thomas O., Park Ridge, assignor to Victor Adding Machine Co., Chicago, Ill. Key set control mechanism for calculating machines. 2,360,005; Oct. 10.
Mehan, Thomas O., Park Ridge, assignor to Victor Adding Machine Co., Chicago, Ill. Calculating machine. 2,362,709; Nov. 14.
Meharg, Virgil E., Bloomfield, N. J., assignor to Bakelite Corporation, New York, N. Y. Making mineral wool batts. 2,349,909; May 30.
Mehl, Fred J., assignor of twenty-five per cent to U. G. Charles and fifty per cent to Jay Bergman, Wichita, Kans. Safety razor for dry shaving. 2,360,785; Oct. 17.
Mehlhorn, Richard, Mannheim-Waldhof, Germany; vested in the Alien Property Custodian. Machine for debarking logs. 2,341,640; Feb. 15.
Meier, Georg, Nuremberg, Germany; vested in the Alien Property Custodian. Multiple mechanical pencil. 2,344,447; Mar. 14.
Meigs, Frederick M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. N-substituted amide and preparing the same. 2,347,494; Apr. 25.
Meikle, Robert L. (See Hinkley, R. A., and Meikle.)
Meilach, Ralph C. (See Nudelman, C. S., and Meilach.)
Melli-Blumberg Corporation. (See Blumberg, Paul, assignor.)
Meincke, Edmund R. (See Ericks, W. P., and Meincke.)
Meincke, Edmund R., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Polyhydric alcohol ethers of aliphatic polycarboxylic acid esters and their preparation. 2,341,846; Feb. 15.
Meinert, Richard N., Westfield, N. J., assignor to Standard Oil Development Company. Alkylation with olefin mixtures. 2,348,637; May 9.
Meininghaus, Ulrich, Mulheim-Ruhr, Germany; vested in the Alien Property Custodian. Bladed disk for radial flow rotary machines. 2,344,099; Mar. 14.
Meininghaus, Ulrich, Mulheim-Ruhr, Germany; vested in the Alien Property Custodian. Radial flow turbine. 2,344,100; Mar. 14.
Meininghaus, Ulrich, Mulheim-Ruhr, Germany; vested in the Alien Property Custodian. Elastic support of disks for radial flow rotary machines. 2,344,101; Mar. 14.
Meininghaus, Ulrich, Mulheim-on-the-Ruhr, Germany; vested in the Alien Property Custodian. Turbine rotor. 2,356,605; Aug. 22.
Meinzer, Gotthold H., Glendale, Calif. Apparatus for dynamic balancing. 2,349,450; May 23.
Meiselman, Edna. (See Meiselman, Samuel J., assignor.)
Meiselman, Samuel J., assignor to E. Meiselman, Lynbrook, N. Y. Crib. 2,360,963; Oct. 24.
Meisenheimer, Klaus, and A. Scheuermann, Ludwigshafen-on-the-Rhine, Germany; vested in the Alien Property Custodian. Production of hydrocarbons. 2,363,739; Nov. 28.

Meisenheimer, Marianne. (See Heckmanns, F., and Meisenheimer.)
Meister, George. (See Marden, J. W., and Meister.)
Meister, Leo, Irvington, N. J. Instrument for firing pin inspection. 2,340,893; Feb. 8.
Meister, Leo, Irvington, N. J. Vise. 2,349,291; May 23.
Meister, Leo, Irvington, N. J. Machine for testing articles having parts subject to centrifugal action. 2,335,092; Aug. 8.
Meister, Leo, Irvington, N. J. Coating apparatus. 2,364,086; Dec. 5.
Meister, Walter P., Elizabeth, N. J., assignor to National Lead Company, New York, N. Y. Purification of titanium tetrachloride. 2,344,319; Mar. 14.
Meisterhans, Josef, Gotha, Germany; vested in the Alien Property Custodian. Nut to be fixed by an adhesive. 2,344,102; Mar. 14.
Meitner, Bela, Whitchurch, Glamorgan, assignor to Aero Zips Fasteners Limited, London, England. Punching and feeding device. 2,359,140; Sept. 26.
Méjean, Jacques G., Geneva, Switzerland, assignor, by mesne assignments, to General Aircraft Equipment, Inc., South Norwalk, Conn. Gun actuator. 2,341,641; Feb. 15.
Mejean, Jacques G., assignor, by mesne assignments, to Helfeda, S. A., Geneva, Switzerland. Control device. 2,360,572; Oct. 17.
Mekelburg, Harold L. (See Hunter, R. B., and Mekelburg.)
Mekelburg, Harold L., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Handle attaching device. 2,361,559; Oct. 31.
Mekler, Lev A. (See Hensel, W. C., and Mekler.)
Mekler, Lev A. (See Komarewsky, V. I., and Mekler.)
Mekler, Lev A. (See Mather, P., and Mekler.)
Mekler, Lev A., assignor to Universal Oil Products Company, Chicago, Ill. Heating of fluids. 2,338,295; Jan. 4.
Mekler, Lev A., assignor to Universal Oil Products Company, Chicago, Ill. Heating of fluid. 2,346,384; Apr. 11.
Mekler, Valentine, Jackson Heights, assignor to The Lummus Company, New York, N. Y. Treatment of hydrocarbons. 2,342,881; Feb. 29.
Melaas, Iver P., Stony Brook, Minn. Animal trap with auxiliary spring. 2,363,740; Nov. 28.
Melas, William, assignor to Cochrane Corporation, Philadelphia, Pa. Liquid meter. 2,359,927; Oct. 10.
Melaven, Ralph M., Highland, Ind., assignor to Standard Oil Company, Chicago, Ill. Suspended catalyst technique. 2,347,747; May 2.
Melcher, Alfred A., assignor of one-half to F. L. Smith, Los Angeles, Calif. Sheet holding tool. 2,350,630; June 6.
Melcher, Lee W., Oconomowoc, assignor to Waukesha Motor Company, Waukesha, Wis. Electrical timing system. 2,350,409; June 6.
Melchior, Norten C. (See Morris, R. C., and Melchior.)
Meldahl, Axel, Ennetbaden, assignor to Aktiengesellschaft Brown, Boveri & Cie., Baden, Switzerland. Thrust and journal bearing. 2,363,430; Nov. 21.
Melhorn, Carl E. (See Smith, E. L., and Melhorn.)
Melick, John M., Cresskill, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coin collector apparatus. 2,342,593; Feb. 22.
Melick, John M., Cresskill, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,349,669; May 23.
Melin, Edward M. (See Hyman, B. M., and Melin.)
Melin, William, Detroit, Mich. Device for machining ends of articles. 2,352,489; June 27.
Melin, William, Detroit, Mich. Fixture for machine tools. 2,362,288; Nov. 7.
Melke, Carroll C., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,338,953; Jan. 11.
Melling, Herman W., Jackson, Mich. Turf perforator. 2,347,748; May 2.
Mellor, Albert, and R. J. Mann, Spondon, near Derby, assignors to British Celanese Limited, London, England. Textile apparatus. 2,364,157; Dec. 5.
Mellor Bromley & Co. Limited. (See Bromley, T. C., and Shortland, assignors.)
Mellor, Clarence H. (See Black, L. F., and Mellor.)
Mellowes and Company Limited. (See Llewellyn, John B., assignor.)
Melsheimer, Theodore, Temple City, assignor to Parkhiel-Wade, Los Angeles, Calif. Apparatus for vaporizing liquefied gases. 2,346,112; Apr. 4.
Melson, Walter A., Wembley Hill, London, assignor to Bowden (Engineers) Limited, London, England. Flexible hose coupling. 2,358,019; Sept. 12.
Melton, Charles R., Huntington, W. Va. Paddle wheel. 2,358,937; Sept. 26.
Melton, Romie L., and A. L. Ball, assignors to The Carborundum Company, Niagara Falls, N. Y. Abrasive article. 2,355,667; Aug. 15.
Melton, Romie L., and R. C. Benner, assignors to The Carborundum Company, Niagara Falls, N. Y. Manufacture of abrasive disk materials. 2,356,866; Aug. 29.
Melton, Romie L., H. P. Kirchner, and R. C. Benner, assignors to The Carborundum Company, Niagara Falls, N. Y. Molding ceramic bodies. 2,361,784; Oct. 31.
Meltzer, Henry E., Racine, Wis. Amalgam mixing machine. 2,339,092; Jan. 11.
Meltzer, Henry E., Racine, Wis. Motor-driven tool. 2,355,228; Aug. 8.
Meltzer, Jack, et al. (See Casciani, Romildo, assignor.)
Meltzer, Jack, New York, N. Y. Platform sole structure for footwear. 2,342,882; Feb. 29.
Meltzer, Louis, New York, N. Y. Hat blocking and stretching machine. 2,363,982; Nov. 28.
Melvin, Grant C., and S. B. White, Dayton, Ohio. Automatic miniature radio range equipment. 2,352,216; June 27.
Melzer, Julius, Bellaire, assignor to American Can Company, New York, N. Y. Conreyer. 2,342,680; Feb. 29.
Memovox, Incorporated. (See Brubaker, George P., assignor.)
Mena, Paul R., assignor to Bowers Battery Mfg. Co., Inc., Reading, Pa. Spark plug display and dispensing cabinet. 2,360,573; Oct. 17.
Mencimer, Howard G. (See Critser L., and Mencimer.)
Mendel, Alfred, New York, N. Y. Thin rubber goods. 2,339,283; Jan. 18.
Mendelsohn, Lewis I., Lynn, Mass., assignor to General Electric Company. Meter light load adjustment. 2,352,965; July 4.
Mendelsohn, Samuel, Montclair, and P. K. McGall, Orange, N. J.; said McGall assignor to said Mendelsohn. Camera synchronizer. Re. 22,433; Feb. 8.
Mendenhall, Earl. (See Johnson, C. E., and Mendenhall.)
Mendoza, Mordecai, Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Black triphenylasso dyestuffs. 2,361,560; Oct. 31.
Meng, Victor W. (See Piton, E., Huck, and Meng.)
Mengel Company, The. (See Robinson, Herschel M., assignor.)
Menger, Francis B., Lancaster Township, and E. C. Faber, Manheim Township, Lancaster County, Pa., assignors to Armstrong Cork Company, Lancaster, Pa. Air ejector for dies. 2,341,187; Feb. 8.
Menhall, James W., Centralia, Ill. Deep well drilling apparatus. 2,350,364; June 6.
Menihan, Hugh, assignor to American Bank Note Company, New York, N. Y. Printed article. 2,350,564; June 6.
Menking, Heins, Rocky River, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Shuttle. 2,364,740; Dec. 12.
Mennesson, Marcel, Neuilly-sur-Seine, France; vested in the Alien Property Custodian. Auxiliary motor device for driving light vehicles. 2,350,791; June 6.
Mennesson, Marcel, Nice-Mount Boron, France; vested in the Alien Property Custodian. Auxiliary device adapted to drive light vehicles. 2,351,992; June 20.
Mentley, Max B., assignor to National Broach & Machine Company, Detroit, Mich. Gear crowning. 2,346,266; Apr. 11.
Mentley, Max B., and D. D. Austin, assignors to National Broach & Machine Company, Detroit, Mich. Cutter manufacture. 2,345,986; Apr. 4.
Menzner, Ralph B., assignor to Hamilton Watch Company, Lancaster, Pa. Drilling machine. 2,363,136; Nov. 21.
Menzak, Andrew, Jr. (See Jack, W. A., 3d, and Menzak.)
Menzel, Friedrich, Stuttgart, Germany; vested in the Alien Property Custodian. Combined electromagnetic regulator and switch. 2,354,038; July 18.
Menzer, Anton, assignor of one-half to A. Fischer, Brooklyn, N. Y. Altimeter. 2,355,990; Aug. 15.
Menzin, Aaron S., Oakland, Calif. Slack suit construction. 2,357,532; Sept. 5.
Menzinger, Wladimiro, Florida, assignor to Talleres Coghlan, Sociedad Ananima, as trustee, Buenos Aires, Argentina. Type of apparatus or frame for winding cross wound bobbins for spinning mills and the like. 2,341,111; Feb. 8.
Meola, Edward. (See White, S. J., Simpson, and Meola.)
Mercantile Metal & Ore Corp. (See Yourkevitch, Vladimir, assignor.)
Mercé, Pascual B., Montevideo, Uruguay. Steering of motor vehicles or any other kind of vehicle. 2,366,122; Dec. 26.
Mercer, Charles A. (See Fischer, C. A., Harbison, and Mercer.)
Mercer, John F., Washington, D. C. Welded boat construction. 2,350,246; May 30.
Mercer, John F., Globe, Ariz. Motor load control. 2,350,913; June 6.
Mercer, John F., Madison, assignor to Industrial Rayon Corporation, Cleveland, Ohio. Thread package sizing device. 2,361,306; Oct. 24.
Mercer, Paul, Chicago, Ill. Spool holder. 2,342,954; Feb. 29.
Mercer, Raymond C. (See Barr, J. M., and Mercer.)
Mercer, William M., assignor of one-half to F. D. Bradbury, Avenal, Calif. Method of and apparatus for measuring and testing the end point of volatile liquids. 2,339,026; Jan. 11.
Merchant, Donald R., assignor to St. Paul Hydraulic Hoist Company, Minneapolis, Minn. Telescopic jack structure. 2,364,741; Dec. 12.
Mercier, Jean, New York, N. Y. Deformable or elastic accumulator. 2,342,856; Feb. 22.
Mercier, Jean, New York, N. Y. Deformable or elastic accumulator. 2,342,856; Feb. 22.

Mercier, Jean, New York, N. Y. Slide valve. 2,343,689; Mar. 7.
Mercier, Jean, New York, N. Y. Metallic gland. 2,350,123; May 30.
Mercier, Jean, Neuilly-sur-Seine, France; vested in the Alien Property Custodian. Manufacture of carpets, linings, or the like. 2,356,527; Aug. 22.
Mercier, Jean, Neuilly-sur-Seine, France; vested in the Alien Property Custodian. Automatic locking device for undercarriages. 2,365,424; Dec. 19.
Mercier, Pierre E., Westport, Conn. Cooling system for airplanes and aerostats. 2,346,178; Apr. 11.
Mercier, Pierre E., and R. Planiol, New York, N. Y. Airspeed meter. 2,355,921; Aug. 15.
Mercier, Warren C., assignor to American Hatters and Furriers Company, Incorporated, Danbury, Conn. Carroting and composition therefor. 2,356,681; Aug. 22.
Merck & Co. (See Gray, John S., assignor.)
Merck & Co. (See Harris, S. A., and Stiller, assignors.)
Merck & Co. (See Hromatka, Otto, assignor.)
Merck & Co. (See Keresstesy, J. C., and Rickes, assignors.)
Merck & Co. (See Major, R. T., Christman, and Folkers, assignors.)
Merck & Co. (See Ruigh, William L., assignor.)
Merck & Co. (See Stein, G. A., and Moran, assignors.)
Merck & Co. (See Stevens, J. R., and Beutel, assignors.)
Merck & Co. (See Tishler, Max, assignor.)
Merck & Co. (See Tishler, M., and Carlson, assignors.)
Merck & Co. (See Tishler, M., and Wellman, assignors.)
Merck & Co. (See van de Kamp, Jacob, assignor.)
Merck & Co. (See Weijlard, J., and Erickson, assignors.)
Merck & Co. Inc. (See Hromatka, Otto, assignor.)
Merck & Co., Inc. (See John, W., and Günther, assignors.)
Merckel, Frederick G., Montclair, assignor to Novadel-Agene Corporation, Belleville, N. J. Brew cooling and dispensing. 2,346,933; Apr. 18.
Merco-Trinkle Machine Co. (See Trinkle, Dallas R., assignor.)
Mercur, Alfred M. (See Walsh, C. L., Isaacs, and Mercur.)
Mercur, Alfred M., Pittsburgh, Pa. Table. 2,346,985; Apr. 18.
Mercury Cleaning Systems. (See Lindblad, Harald L., assignor.)
Meredith, Carlton. (See Millican, Roy E., assignor.)
Meredith, Earl F., Cedar Grove, Ga. Rat trap. 2,359,928; Oct. 10.
Meredith, Frederick W., assignor to S. Smith & Sons (Motor Accessories) Limited, London, England. Fluid-actuated servomotor system. 2,346,857; Apr. 18.
Meredith, Frederick W., assignor to S. Smith & Sons (Motor Accessories) Limited, London, England. Indicating or control apparatus in air or water craft. 2,352,649; July 4.
Meredith, Frederick W., assignor to S. Smith & Sons (Motor Accessories) Limited, London, England. Aircraft air speed control. 2,352,878; July 4.
Meredith, Russell, Los Angeles, Calif., assignor to Northrop Aircraft, Inc. Welding magnesium and alloys thereof. 2,342,086; Feb. 15.
Mergenthaler Linotype Company. (See Hilpman, John H., assignor.)
Mergenthaler Linotype Company. (See Mead, Richard R., assignor.)
Mergenthaler Linotype Company. (See Plastaras, James, C., assignor.)
Mergenthaler Linotype Company. (See Stouges, Anthony J., assignor.)
Merit Engineering, Inc. (See Stevenson, R., and Keema, assignors.)
Merker, Herman, and H. L. Newton, assignors to Pressed Steel Tank Company, Milwaukee, Wis. Container. 2,346,445; Apr. 11.
Merker, Herman, and H. L. Newton, assignors to Pressed Steel Tank Company, Milwaukee, Wis. Container. 2,352,728; July 4.
Merker, Samuel. (See Colella, Gerald S., assignor.)
Merki, Ernest, Portland, Oreg. Blade holder. 2,351,442; June 13.
Merle, George, Richmond Hill, N. Y. Sinker for fishing lines. 2,340,606; Feb. 1.
Merle, Joseph M., Pittsburgh, Pa. Apparatus and method of producing products from undercooled molten metal. 2,345,352; Mar. 28.
Merle, Joseph M., Tarentum, Pa. Making metallic products of sheet-like form. 2,348,178; May 2.
Merle, Joseph M., Pittsburgh, Pa. Processes for chemically purifying and refining metals and other substances in fusion. 2,355,885; Aug. 15.
Merlub-Sobel, Menahem, Jersey City, N. J., and J. M. Bialosky, Portsmouth, assignors to W. L. Ulmer, Cleveland Heights, Ohio. Flux composition. 2,357,014; Aug. 29.
Mero, Ralph M., Chicago, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Container sealing machine. 2,362,840; Nov. 14.
Merolle, Augustus L., Brooklyn, N. Y. Threading closure caps. 2,348,085; May 2.
Merolle, Augustus L., Brooklyn, assignor to Empire Metal Cap Co., Inc., Brooklyn, N. Y. Threading closure caps. 2,353,349; July 11.
Merrell, Cleburne H., Beaumont, Tex. Hydraulic transmission. 2,342,002; Feb. 15.
Merrell, James, assignor to Trico Products Corporation, Buffalo, N. Y. Outlet box fitting. 2,341,112; Feb. 8.
Merrell, Leslie M., et al. (See Lysholm, Alf., assignor.)
Merrell, Wm. S., Company, The. (See Shelton, R. S., and Van Campen, assignors.)
Merrell, Wm. S., Company, The. (See Van Zoeren, Gerrit J., assignor.)
Merrett, Earle E., Manitowoc, assignor to Hamilton Manufacturing Company, Two Rivers, Wis. Crib construction. 2,357,218; Aug. 29.
Merrett, Harry, Dairymoor, Wickham, England. Gripping and supporting device suitable for supporting vehicle wheels. 2,351,355; June 13.
Merriam, Edmund S., Marietta, Ohio, assignor to Marietta Manufacturing Company, Point Pleasant, W. Va. Reduction of metal ores. 2,364,742; Dec. 12.
Merrick Scale Mfg. Company. (See Hohman, Robert F., assignor.)
Merrill Company, The. (See Mills, L. D., Crowe, and Byler, assignors.)
Merrill, David R., Moorestown, N. J., assignor to Union Oil Company of California, Los Angeles, Calif. Modified lubricating oil. 2,361,806; Oct. 31.
Merrill, Grant S., St. Paul, Minn., and G. P. Hollingsworth, Detroit, Mich., assignors to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Composition of matter for use as sealers and the like. 2,347,211; Apr. 25.
Merrill, Leon R., Rocky River, and W. R. Wheeler, Lakewood, Ohio, assignors to Carbide and Carbon Chemicals Corporation. Method and composition for purging plastic fabricating machines. 2,346,228; Apr. 11.
Merrill, Leslie M., trustee, et al. (See Lysholm, Alf, assignor.)
Merrill, Marcellus S., Denver, Colo. Drive mechanism. 2,347,275; Apr. 25.
Merrill, Patterson D., assignor to M. B. Skinner Company, South Bend, Ind. Saddle coupling. 2,351,141; June 13.
Merritt, Arthur S. (See Lévy, M. M., and Merritt.)
Merritt, Clark C., Passaic, N. J. Display device for beer knobs. 2,340,135; Jan. 25.
Merritt, George E. (See Briechle, A., Hurley, and Merritt.)
Merritt, William F., Middletown, N. Y. Detachable lining for brake shoes. 2,361,307; Oct. 24.
Merrow, John. (See Kuehnel, William J., assignor.)
Merten, Eugen, Houston, Tex., assignor to Shell Development Company, San Francisco, Calif. Sensitivity control for seismic recording. 2,349,186; May 16.
Merten, Eugen, Houston, Tex., assignor to Shell Development Company, San Francisco, Calif. Hydraulic drilling device. 2,359,147; Sept. 26.
Mertz, Fred A. (See Walker, R. S., Mertz, and Shafter.)
Merten, Eugen, and J. P. Woods, Houston, Tex., assignors to Shell Development Company, San Francisco, Calif. Seismic exploration method. 2,353,484; July 11.
Merwin, Harry H., Rutherford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Clamping device. 2,339,871; Jan. 25.
Merz, August. (See Anschütz, R., and Merz.)
Merz, Otto H., Wauwatosa, Wis. Window structure. 2,339,420; Jan. 18.
Mesch, Orwar S. A., St. Albans, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrowelding apparatus. 2,342,595; Feb. 22.
Mesch, Orwar S. A., St. Albans, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wire connecting device. 2,348,558; May 9.
Mesch, Orwar S. A., St. Albans, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Number indicating device. 2,356,335; Aug. 22.
Mesch, Orwar S. A., St. Albans, N. Y., and W. T. Pritchard, Belvidere, N. Y., assignors to Bell Telephone Laboratories, Incorporated, New York. Electrowelding apparatus. 2,342,594; Feb. 22.
Meschter, Emery, Milltown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Color development. 2,365,206; Dec. 19.
Mesigner, Frederick, Mount Vernon, N. Y. Cycle saddle spring. 2,354,328; July 25.
Mess, George J., Indianapolis, Ind. Double post card and return envelope. 2,362,496; Nov. 14.
Messchaert, Frederick W., Oakland, Calif. Indicator for typewriters and the like. 2,350,059; May 30.
Messer, William E., Cheshire, Conn., assignor to United States Rubber Company, New York, N. Y. Chemical compounds. 2,356,682; Aug. 22.
Messerli, Alexander, Niederuzwil, assignor to Gebrüder Bühler, Uzwil, Switzerland. Shaking conveyer. 2,338,954; Jan. 11.
Messler, Homer J., New Bedford, Mass. Ice cream can container. 2,346,446; Apr. 11.
Messinger, Harold L., assignor of one-half to L. P. Romano, Los Angeles, Calif. Propulsion device for swimmers. 2,343,468; Mar. 7.
Messinger, William, Philadelphia, Pa., and A. Shayne, New York, N. Y. High-speed bearing. 2,354,870; Aug. 1.
Messler, Frank W. (See Weeks, W. E., and Messler.)

Messner, Maximilian, Berlin, Germany; vested in the Alien Property Custodian. Braun tube. 2,356,418; Aug. 22.

Mesta Machine Company. (See Iversen, Lorenz, assignor.)

Mestas, Ricardo, Los Angeles, assignor to Kobe, Inc., Huntington Park, Calif. Apparatus for determining displacements. 2,340,609; Feb. 1.

Mestas, Ricardo, Los Angeles, assignor to Kobe, Inc., Huntington Park, Calif. Hone gauging device. 2,355,316; Aug. 8.

Mestel, Aaron A. (See Mestel, N., and Berman, assignors.)

Mestel, Nathan, and J. Berman, New York, assignors to A. A. Mestel, Brooklyn, N. Y. Garment case. 2,357,015; Aug. 29.

Mestitz, Ervin, Llandaff, Cardiff, Wales. Electric soldering device. 2,341,938; Feb. 15.

Meston, Archibald F., Bound Brook, N. J., assignor to Research Corporation, New York, N. Y. Manufacture of electrodes. 2,352,651; July 4.

Meston, Archibald F., Bound Brook, N. J., assignor to Research Corporation, New York, N. Y. Composite electrode. 2,364,641; Dec. 12.

Metal Office Furniture Company. (See Bullock, Earle C., assignor.)

Metal Office Furniture Company. (See Schroeder, Lester F., assignor.)

Metal Specialties Manufacturing Co. (See Nyberg, Curt E., assignor.)

Metal Specialties Manufacturing Co. (See Ruskin, Henry, assignor.)

Metal Textile Corporation. (See Goodloe, Alfred M., assignor.)

Metal Textile Corporation. (See Herter, Edward J., Jr., assignor.)

Metal & Thermit Corporation. (See Mathias, David L., assignor.)

Metal Tone Corporation. (See Machlin, L. G., and Kriegsfeld, assignors.)

Met'l Top Tables Inc. (See Brown, Stanley J., assignor.)

Metal Tube Shaping Corporation. (See Dewey, Clarence L. and S. L., assignors.)

Metalastik Limited. (See Goldschmidt, Max, assignor.)

Metallizing Engineering Company. (See Shepard, Arthur P., assignor.)

Metallurgical Processes Co. (See Nesa, Harold J., assignor.)

Metals & Controls Corporation. (See Bolesky, John D., assignor.)

Metals & Controls Corporation. (See Durst, George, assignor.)

Metals & Controls Corporation. (See Gunn, Townsend M., assignor.)

Metals & Controls Corporation. (See Wilson, Harold M., assignor.)

Metalwash Machinery Company. (See Zademach, E. R., and Clarke, assignors.)

Metcalf, Arthur G. B., Milton, Mass., assignor to North American Holding Corporation, Syracuse, N. Y. Grading machine. 2,352,650; July 4.

Metcalf, Arthur G. B., Milton, assignor to North American Research Corporation, Cambridge, Mass. Integrating method and apparatus. 2,360,883; Oct. 24.

Metcalf, Arthur G. B., Milton, Mass., assignor to North American Holding Corporation, Syracuse, N. Y. Grading machine. 2,360,884; Oct. 24.

Metcalf, Arthur G. B., Milton, assignor to Photoswitch Incorporated, Cambridge, Mass. Photoelectric supervision of filling stations. 2,360,885; Oct. 24.

Metcalf, Hollis H., assignor to Algernon F. Flournoy, Shreveport, La. Automobile carrier. 2,338,955; Jan. 11.

Metcalf, Howard H., Battle Creek, Mich. Method and apparatus for printing. 2,363,137; Nov. 21.

Metcalfe, Clifford, Ruislip, and H. J. Parrish, Sidmouth, assignors to Electric & Musical Industries Limited, Hayes, Middlesex, England. Push button mechanism for tuning radio receivers. 2,351,443; June 13.

Metheny, Clyde E. (See Linderfelt, H. R., and Metheny.)

Metheny, Clyde E., San Diego, Calif. Snap clamp. 2,339,093; Jan. 11.

Methven, Clyde L., St. Paul, Minn. Joint construction. 2,349,910; May 30.

Metropolitan-Vickers Electrical Company, Limited. (See Henley, John A., assignor.)

Mette, Bodo, Berlin-Halensee, Germany; vested in the Alien Property Custodian. Steering for track chain and other vehicles having more than two axles. 2,356,528; Aug. 22.

Mettler, Hal C., assignor of one-half to L. Spencer, Los Angeles, Calif. Low frequency mobile glow discharge system. 2,354,696; Aug. 1.

Metz, George F., Yonkers, N. Y. Cellulosic plastic. 2,342,478; Feb. 22.

Metzger, Peter, Anaheim, Calif. Fruit clipping device. 2,346,986; Apr. 18.

Metzger, Reinhardt F., Glendale, Long Island, N. Y. Lens mounting. 2,352,729; July 4.

Metzger, Robert E. (See Sarran, W. E., and Metzger.)

Metzger, William J., Euclid, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Car coupler. 2,340,618; Feb. 1.

Metzger, William J., Euclid, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Car coupler. 2,350,470; June 6.

Metzger, William J., assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Car coupler. 2,354,271; July 25.

Metzger, William J., assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Uncoupling mechanism. 2,356,336; Aug. 22.

Metzner, Albert W. (See Sherman, J. Q., and Metzner.)

Metzner, Albert W., assignor to The Standard Register Company, Dayton, Ohio. Paper guide. 2,364,087; Dec. 5.

Metzner, Albert W., assignor to The Standard Register Company, Dayton, Ohio. Stationery. 2,365,716; Dec. 26.

Metzner, Ernest K., Cloverdale, Calif., assignor, by mesne assignments, to Stauffer Chemical Company. Process and apparatus for the treatment of fruit pomace. 2,359,929; Oct. 10.

Meuly, Walter C. (See Bradshaw, G. B., and Meuly.)

Meuly, Walter C., Highland Park, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical process. 2,341,733; Feb. 15.

Meunier, Leon F., and A. H. Funk, Cleveland, Ohio, assignors to Chicago Pneumatic Tool Company, New York, N. Y. Reversing switch. 2,361,901; Oct. 31.

Mewes, Hans. (See Ebbers, M., Helbig, and Mewes.)

Merican American Hat Company. (See Ostolaza, F., and Doskocil.)

Merican American Hat Company. (See Ostolaza, F., and Holmes, assignors.)

Meyer, André J., and R. E. Taylor, Lexington, Ky., assignors to Mawen Motor Corporation, New York, N. Y. Transmission. 2,351,061; June 13.

Meyer, Arnold F., Pewaukee, assignor to The Heil Co., Milwaukee, Wis. Curved and tapered tank manufacture. 2,362,657; Nov. 14.

Meyer, Arnold F., Pewaukee, assignor to The Heil Co., Milwaukee, Wis. Tapered tank construction. 2,362,658; Nov. 14.

Meyer, Charles A. (See Kroon, R. P., and Meyer.)

Meyer, Charles A., Drexel Hill, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Vibration dampener. 2,349,187; May 16.

Meyer, Christian F., assignor to Textile Machine Works, Wyomissing, Pa. Textile article treating apparatus. 2,358,344; Sept. 19.

Meyer, Edwin W. (See Julian, P. L., and Meyer.)

Meyer, Francis E., Strasburg, assignor to Hamilton Watch Company, Lancaster, Pa. Date control for chronometers. 2,360,305; Oct. 10.

Meyer, Frank A., Sharon Hill, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Throttle valve mechanism. 2,353,915; July 18.

Meyer, Frank F., near San Jose, Calif. Trailer support. 2,356,941; Aug. 29.

Meyer, Fred C., Wyckoff, N. J., assignor to Wright Aeronautical Corporation. Pressure operated valve gear. 2,342,003; Feb. 15.

Meyer, Fred P., Seattle, Wash. Carving rack. 2,338,296; Jan. 4.

Meyer, Fred W., Louisville, Ky. Combined sink and stool. 2,339,647; Jan. 18.

Meyer, George J., Milwaukee, Wis. Clutch. 2,365,093; Dec. 12.

Meyer, Glennon A. (See Golden, J. P., and Meyer.)

Meyer, Harvey E., Kansas City, assignor to Whitaker Battery Supply Company, North Kansas City, Mo. Battery hanger. 2,352,111; June 20.

Meyer, Henry C. E., Maplewood, N. J., and L. M. Rakestraw, Little Neck; said Rakestraw assignor to Foster Wheeler Corporation, New York, N. Y. Power plant. 2,346,179; Apr. 11.

Meyer, Henry G. (See Tomlinson, R. W., and Meyer.)

Meyer, Herbert, and E. M. Spiegel, assignors to Nicholas Meyer, New York, N. Y. Simplex street guide. 2,342,004; Feb. 15.

Meyer, Herbert, and E. M. Spiegel, assignors to N. Meyer, New York, N. Y. Rite-lite way. 2,350,316; May 30.

Meyer, John F., Chicago, Ill., assignor to The Exhibit Supply Co. Vibratory apparatus. 2,349,743; May 23.

Meyer, Joseph E., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Ink fountain for rotary intaglio presses. 2,352,217; June 27.

Meyer, Joseph E., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Ink fountain for rotary intaglio presses. 2,352,337; June 27.

Meyer, Leo J., assignor to The Champion Pecan Machine Company, San Antonio, Tex. Machine for separating meats and shell fragments of edible nuts. 2,338,956; Jan. 11.

Meyer, Leo J., assignor to The Champion Pecan Machine Company, San Antonio, Tex. Elevating mechanism. 2,339,938; Jan. 25.

Meyer, Leonard S. (See Dearing, W. C., and Meyer.)

Meyer, Leonard S. (See Howald, A. M., and Meyer.)

Meyer, Lester W. A., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Cellulose ester composition. 2,341,464; Feb. 8.

Meyer, Maximilian C., Brooklyn, N. Y. Making coated ornamental objects. 2,353,744; July 18.

Meyer, Maximilian C., Brooklyn, N. Y., assignor to Duranol Products, Inc. Display and dispensing stand. 2,363,542; Nov. 28.

Meyer, Nicholas. (See Meyer, H., and Spiegel, assignors.)

Meyer, Roland F. (See McShan, W. H., and Meyer.)

Meyer, Theodore F. W., Birmingham, assignor to Federal-Mogul Corporation, Detroit, Mich. Propeller inhibitor. 2,351,356; June 13.

Meyer, Walter, Zurich, Switzerland. Aiming device for automatic guns. 2,364,585; Dec. 5.

Meyer, Walter R., Hamden, Conn. Blackening copper or copper alloy surfaces. 2,364,993; Dec. 12.

Meyer, Walter W., Arlington Heights, assignor to Rotary Seal Company, Chicago, Ill. Seal. 2,342,955; Feb. 29.

Meyer, William. (See Krone, H. C., and Meyer.)

Meyer, William, East Orange, assignor to Wheaton Brass Works, Newark, N. J. Line pressure opened self-closing valve. 2,361,225; Oct. 24.

Meyer, William E., assignor to Parker-Wolverine Company, Detroit, Mich. Camouflage fabricating machine. 2,342,289; Feb. 22.

Meyer, William E., Detroit, Mich., and H. W. Collins, Newark, Ohio; said Meyer assignor to Parker-Wolverine Company, Detroit, Mich., and said Collins assignor to Owens-Corning Fiberglas Corporation, Toledo, Ohio. Camouflage fabricating machine. 2,354,765; Aug. 1.

Meyer, William H., St. Louis, and E. C. Jackson, Clayton, Mo., assignors to General Steel Castings Corporation, Granite City, Ill. Railway truck. 2,344,521; Mar. 21.

Meyerbach, Max, assignor to Loma Machine Mfg. Co. Inc., New York, N. Y. Saw, particularly for metals. 2,360,070; Oct. 10.

Meyercord Company, The. (See Brownlee, Kenneth H., assignor.)

Meyerhans, August, Rieden, near Baden, and H. Hartmann, assignors to Aktiengesellschaft Brown, Boverie & Cie., Baden, Switzerland. Cable joint or terminal. 2,355,545; Aug. 8.

Meyerhoefer, Carl E., assignor to E. A. Laboratories, Inc., Brooklyn, N. Y. Control apparatus. 2,360,254; Oct. 10.

Meyerhoefer, Carl E., assignor to E. A. Laboratories, Inc., Brooklyn, N. Y. Lamp. 2,362,110; Nov. 7.

Meyers, Carl G., assignor to The Allbright-Nell Company, Chicago, Ill. Measuring and filling machine. 2,352,490; June 27.

Meyers, Charles O., Bartlesville, Okla., assignor to Phillips Petroleum Company. Absorption oil distillation purifier. 2,353,176; July 11.

Meyers, Ellwood H., Cleveland, and W. S. Gaines, Chagrin Falls, assignors to Porcelain Steels, Inc., Cleveland, Ohio. Conduit connection for tanks. 2,360,359; Oct. 17.

Meyers, G. L., et al. (See Marsh, Jack C., assignor.)

Meyers, Stanley T., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Stabilized nonlinear feedback system. 2,355,991; Aug. 15.

Meyers, Stanley T., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Negative resistance loading. 2,356,867; Aug. 29.

Meynier, Maurice J., Jr., Houston, Tex. Nipple shield. 2,364,866; Dec. 12.

Meyran, Laura R., Fresno, Calif. Pie lifter. 2,354,822; Aug 1.

Meza, Cutberto, Mexicali, Mexico. Automatic alarm switch. 2,357,533; Sept. 5.

Mica Insulator Company. (See Coffey, J. M., Pickney, and Griffeth, assignors.)

Mica Patents Trust, et al. (See Mansfield, W. R., and Hughes, assignors.)

Michael, Wilhelm, Ludwigshafen-on-the-Rhine. O. Goehre, Heidelberg, G. Free, and W. von Fuener, Ludwigshafen-on-the-Rhine, and W. Schneider, Mannheim, Germany; vested in the Alien Property Custodian. Thermal treatment of carbonaceous material. 2,355,388; Aug. 8.

Michael, Wilhelm, and A. Buettner, Ludwigshafen-on-the-Rhine, Germany; vested in the Alien Property Custodian. Conversion of carbon monoxide with hydrogen into hydrocarbons. 2,365,094; Dec. 12.

Michaels, Charles, Flushing, N. Y. Repairing cracks in metal walls. 2,361,701; Oct. 31.

Michaels, Frank L., Fort Thomas, Ky. Exhibition case construction. 2,344,161; Mar. 14.

Michaels, Frank L., Fort Thomas, Ky. Composite sign structure. 2,355,546; Aug. 8.

Michaelis, Walter, Camp De St. Cyprien (PO) France, by decree of distribution to H. Michealis, assignor, by mesne assignments, to Chromogen, Incorporated. Producing photographic multicolor pictures. 2,347,119; Apr. 18.

Michalek, John C., and E. R. Erickson, Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Catalytic demuriation. 2,363,011; Nov. 21.

Michealis, Hella. (See Michaelis, Walter, assignor.)

Michel, Jacob L. (See Richardson, D. E., Michel, and Chadbourne.)

Michel, Mathias, Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Control system. 2,339,939; Jan. 25.

Michel, Mathias, assignor to Aluminum Company of America, Pittsburgh, Pa. Tension controlling apparatus. 2,345,765; Apr. 4.

Michel, Mathias, Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Control system. 2,365,896; Dec. 26.

Michel, Philip C., Schenectady, N. Y., assignor to General Electric Company. Countercircuit. 2,348,016; May 2.

Michelman, Nathan, Brooklyn, N. Y. Rolling door construction. 2,350,286; May 30.

Michelman, Nathan, Brooklyn, N. Y. Slat construction for rolling doors. 2,350,287; May 30.

Michelman, Nathan, Brooklyn, N. Y. Guide rail for rolling doors. 2,350,288; May 30.

Michigan Artcraft Company. (See McFall, Thurlow E., assignor.)

Michigan Silo Company, The. (See Zuber, Emil F., assignor.)

Micro Switch Corporation. (See Riche, A. L., and Rush, assignors.)

Michigan Tool Company. (See Drader, Joseph C., assignor.)

Michigan Tool Company. (See Pelphrey, Harry, assignor.)

Michigan Tool Company. (See Seibold, Paul F., assignor.)

Mick, Herman, St. Cloud, Minn. Roof staging. 2,359,868; Oct. 10.

Mickelson, John, Lincoln, Nebr. Traction device for vehicle wheels. 2,353,916; July 18.

Mickey, John A. (See Zoerlein, E., McCloud, and Mickey.)

Micro Switch Corporation. (See Bangasser, Louis W., assignor.)

Micro Switch Corporation. (See Kaminky, Oscar H., assignor.)

Micromatic Hone Corporation. (See Kline, John E., assignor.)

Micromatic Hone Corporation. (See Kline, J. E., and Peden, assignors.)

Micromatic Hone Corporation. (See Peden, Douglas T., assignor.)

Microstat Corporation. (See Pratt, Verneur E., assignor.)

Mid-Continent Petroleum Corporation. (See Dons, E. M., and Manro, assignors.)

Mid-Continent Petroleum Corporation. (See Emanuel, Dallas R., assignor.)

Mid-Continent Supply Company. (See Cone, Truett M., assignor.)

Middlestead, Charles W. (See Winter, O. W., and Middlestead.)

Middleton, Edmund B., Woodbridge, and G. A. Dawson, Stelton, N. J., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing polyaryl selenazoles. 2,339,094; Jan. 11.

Middleton, Edmund B., Woodbridge, N. J., D. M. McQueen, Wilmington, Del., and J. R. Hill, Parlin, N. J., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Sublayers for film elements and preparation thereof. 2,341,877; Feb. 15.

Midland Steel Products Company, The. (See Almond, John R., assignor.)

Midland Steel Products Company, The. (See Almond, J. R., and Fitz Gerald, assignors.)

Midland Steel Products Company, The. (See Evans, Kenneth R., assignor.)

Midland Steel Products Company, The. (See Helmuth, Louis W., assignor.)

Midland Steel Products Company, The. (See Kricker, George E., assignor.)

Midland Steel Products Company, The. (See Smith, William E., assignor.)

Midland Steel Products Company, The. (See Upp, George W., assignor.)

Midland Tar Distillers Limited, The. (See Parkes, Deric W., assignor.)

Midnight, Wilbur G., Shaker Heights, assignor to Perfection Stove Company, Cleveland, Ohio. Absorption refrigeration apparatus. 2,341,188; Feb. 8.

Mid-States Gummed Paper Co. (See Humphner, Ferdinand W., assignor.)

Mid-West Bottle Cap Co. (See Sonnenberg, Rudolph, assignor.)

Mid-West Forge Company, The. (See Archer, Richard L., assignor.)

Mid-West Forge Company, The. (See Luzky, Fred, assignor.)

Mid-West Forge Company, The. (See Ruden, Arthur C., assignor.)

Mid-West Forging & Mfg. Co. (See Bardell, Nicholas J., assignor.)

Midwest Hydraulics, Inc. (See Glasner, R. W., and Johansen, assignors.)

Mid-West Hydro-Pierce, Inc. (See Hartsock, G. M., and Rounds, assignors.)

Mid-West Wire Products Company. (See Geralds, Jerry, assignor.)

Miehle Printing Press and Manufacturing Company. (See Golber, Hyman E., assignor.)

Miehle Printing Press and Manufacturing Company. (See Sites, Benjamin L., assignor.)

Mierley, George M., Upper Darby, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Clutch and brake mechanism. 2,345,410; Mar. 28.

Miescher, Karl, Riehen, Switzerland, assignor, by mesne assignments, to Ciba Pharmaceutical Products, Incorporated, Summit, N. J. 3-Derivatives of the saturated and unsaturated androstane-3-one-17-ols substituted in 17-position and making same as well as the corresponding free ketones. 2,344,997; Mar. 28.

Miescher, Karl, Riehen, and A. Wettstein, Basel, Switzerland, assignors, by mesne assignments, to Ciba Pharmaceutical Products, Incorporated, Summit, N. J. Manufacture of derivatives of the saturated and unsaturated cyclopentanopolyhydrophenanthrene series. 2,350,792; June 6.

Miescher, Karl, Riehen, Switzerland, W. Fischer, Summit, N. J., and J. Heer, Basel, Switzerland, assignors to Ciba Pharmaceutical Products, Incorporated, Summit, N. J. Glucosides and making the same. 2,351,625; June 20.

Miescher, Karl, Riehen, and J. Heer, Basel, Switzerland, assignors, by mesne assignments, to Ciba Pharmaceutical Products Incorporated, Summit, N. J. Esters of the hydroxy-stilbene series and preparing same. 2,353,684; July 18.

Miescher, Karl, Riehen, and C. Scholz, Basel, Switzerland, assignors, by mesne assignments, to Ciba Pharmaceutical Products, Incorporated, Summit, N. J. Esters of dihydro-estrine series and making same. 2,353,525; Sept. 19.

Miesmer, Benjamin F., Morristown, N. J. Tool for stringing tennis rackets. 2,352,730; July 4.

Mieth, Herman, Louisville, Ky. Safety eraser. 2,341,227; Feb. 8.

Migge, Francis. (See Leonard, R., and Migge.)

Mighton, Charles J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Interpolymer. 2,346,858; Apr. 18.

Mighton, Charles J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Monohydric aliphatic nitroalcohol esters of unsaturated dicarboxylic acids. 2,365,717; Dec. 26.

Migliarese, John, assignor to The National Marking Machine Company, Cincinnati, Ohio. Method and apparatus for stenciling. 2,344,257; Mar. 14.

Mignacco, Eugene A., assignor to M. J. B. Company, San Francisco, Calif. Tearing strip can. 2,346,385; Apr. 11.

Migrdichian, Vartkes, Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Acrylonitriles and substituted acrylonitriles as fumigants. 2,356,075; Aug. 15.

Migrdichian, Vartkes, Greenwich, Conn., assignor to American Cyanamid Company New York, N. Y. Plant response composition. 2,358,727; Sept. 19.

Mihalek, Emery. (See Jennings, O. D., and Mihalek.)

Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Shutter and camera structure. 2,338,657; Jan. 4.

Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Combined range and view finder for cameras. 2,341,410; Feb. 8.

Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Camera exposure control. 2,343,690; Mar. 7.

Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Film spool. 2,346,075; Apr. 4.

Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Combined view and range finder for cameras. 2,346,076; Apr. 4.

Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Reflecting camera. 2,350,793; June 6.

Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Apparatus for focusing cameras. 2,353,257; July 11.

Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y.. Double exposure prevention device. 2,358,082; Sept. 12.

Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Exposure control device. 2,358,083; Sept. 12.

Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Light meter camera. 2,358,084; Sept. 12.

Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Automatic film winding mechanism. 2,360,255; Oct. 10.

Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Exposure controlling mechanism for cameras. 2,360,256; Oct. 10.

Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Roll holding camera. 2,364,381; Dec. 5.

Mihalyi, Joseph, and J. W. Scott, assignors to Eastman Kodak Company, Rochester, N. Y. Film cartridge and spool therefor. 2,362,577; Nov. 14.

Mikaelson, Erik W., assignor to Treadwell Engineering Company, Easton, Pa. Cooling bed. 2,341,642; Feb. 15.

Mikami, Shinkuro, Tokyo, Japan; vested in the Alien Property Custodian. Safety device for machine tools. 2,340,547; Feb. 1.

Mikami, Shinkuro, Tokyo, Japan; vested in the Alien Property Custodian. Safety device for machine tools using photoelectric tubes. 2,340,548; Feb. 1.

Mike, James, Monongah, W. Va. Sanitary shield for hair clippers. 2,357,678; Sept. 5.

Mikeska, Louis A. (See Arundale, E., and Mikeska.)

Mikeska, Louis A., Westfield, N. J., assignor to Standard Oil Development Company. Production of wax modifying agents. 2,352,280; June 27.

Mikeska, Louis A., Westfield, N. J., assignor to Standard Oil Development Company. Asphalt paving composition and a blending agent for the same. 2,361,488; Oct. 31.

Mikeska, Louis A., Westfield, N. J., assignor to Standard Oil Development Company. Lubricating compositions. 2,362,289; Nov. 7.

Mikeska, Louis A., Westfield, J. C. Zimmer, and J. I. Wasson, Union, N. J., assignors to Standard Oil Development Company. Fuel composition. 2,348,638; May 9.

Mikeska, Louis A., Westfield, and E. Arundale, Colonia, N. J., assignors, by mesne assignments, to Jasco, Incorporated. Converting a cyclic acetal to a polyolefin. 2,350,517; June 6.

Mikeska, Louis A., Westfield, and E. Arundale, Colonia, N. J., assignors to Standard Oil Development Company. Cyclo-polymethyleno-meta-dioxanes. 2,356,683; Aug. 22.

Mikulas, William, New Brighton, N. Y., and L. L. Jones, Oradel, assignors to Commar Products Corporation, Newark, N. J. Automatic lock slider for slide fasteners. 2,360,437; Oct. 17.

Milano, Sylvester, assignor to Maryland Plastics, Inc., Federalsburg, Md. Apparatus for producing molded plastic articles. 2,339,792; Jan. 25.

Milarta, Louis E. (See De Monte, R. W., and Milarta.)

Milas, Nicholas A., Belmont, Mass., assignor to Research Corporation, New York, N. Y. Hydroxylation of acetylenic compounds. 2,347,358; Apr. 25.

Milazzo, John, Chicago, Ill. Attachment for garment steaming and pressing machines. 2,340,136; Jan. 25.

Milbank, Elmer F., Galesburg, Ill., assignor to Detroit Lubricator Company, Detroit, Mich. Lubricating apparatus. 2,341,328; Feb. 8.

Milburn, Paul W., Los Angeles, and W. D. Adamson, West Los Angeles, assignors to Douglas Aircraft Company, Inc., Santa Monica, Calif. Shipping structure. 2,343,844; Mar. 7.

Milcor Steel Company. (See Siebenlist, Anthony G., assignor.)

Milek, Frank M., Thermopolis, assignor of fifty per cent to A. Healy, Jr., Worland, Wyo. Fishing tool. 2,350,692; June 6.

Miles, Francis T., Anniston, Ala., assignor to Monsanto Chemical Company. Conversion of hydrocarbons. 2,344,258; Mar. 14.

Miles, Gilbert D., New York, N. Y., assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Organic compounds and producing the same. 2,345,061; Mar. 28.

Miles, Gilbert D., New York, N. Y., C. W. Jakob, Secaucus, N. J., and J. H. Percy, New York, N. Y., assignors to Colgate-Palmolive-Peet Company, Jersey City, N. J. Neutralizing organic materials. 2,345,565; Mar. 28.

Miles, John R., assignor to International Industries, Inc., Ann Arbor, Mich. Focusing camera. 2,342,681; Feb. 29.

Miles Laboratories, Inc. (See Kamlet, Jonas, assignor.)

Miles, William S., Hastings-on-Hudson, and P. A. Voigt, Bellerose, assignors to Johns-Manville Corporation, New York, N. Y. Building construction. Re. 22,571; Nov. 28.

Miles, William S., Hastings-on-Hudson, and P. A. Voigt, Bellerose Manor, assignors to Johns-Manville Corporation, New York, N. Y. Apparatus for wall construction. 2,342,479; Feb. 22.

Miles, William S., Hastings-on-Hudson, and P. A. Voigt, Bellerose Manor, assignors to Johns-Manville Corporation, New York, N. Y. Building construction. 2,351,993; June 20.

Miles, William S., Hastings-on-Hudson, and P. A. Voigt, Bellerose Manor, assignors to Johns-Manville Corporation, New York, N. Y. Wall structure and making the same. 2,351,994; June 20.

Miles, William S., Hastings-on-Hudson, and P. A. Voigt, Bellerose Manor, assignors to Johns-Manville Corporation, New York, N. Y. Tool. 2,353,843; July 18.

Milestone, Walter E., Lakewood, and B. B. West, Cleveland, Ohio; said West assignor to said Milestone. Calculating means. 2,343,385; Mar. 7.

Milkweed Products Development Corporation. (See Berkman, Boris.)

Millar, Harvey C., Western Springs, assignor to The Quaker Oats Company, Chicago, Ill. Ammoniated agricultural material as livestock feed and process of producing same. Re. 22,477; May 9.

Millar, Harvey C., Western Springs, assignor to The Quaker Oats Company, Chicago, Ill. Manufacture of furfural and fertilizer. 2,362,390; Nov. 7.

Millar, John A., East Orange, N. J. Astronomical instrument. 2,349,188; May 16.

Millard, Irwin W. (See Beatty, Elmer W., assignor.)

Millard, Lee P., and S. D. Pool, Moline, Ill., assignors to International Harvester Company. Thresher. 2,356,419; Aug. 22.

Miller, Abraham B., Newark, assignor to Hercules Powder Company, Wilmington, Del. Impregnated fibrous material. 2,346,934; Apr. 18.

Miller, Abraham B., Newark, deceased, H. E. Miller, administratrix, assignor to Hercules Powder Company, Wilmington, Del. Electric blasting cap. 2,356,337; Aug. 22.

Miller, Abraham B., Newark, assignor to Hercules Powder Company, Wilmington, Del. Binding agents for linoleum, mastic tile, etc. 2,357,016; Aug. 29.

Miller, Abraham B., deceased, by H. E. Miller, Newark, assignor to Hercules Powder Company, Wilmington, Del. Stabilization of soil. 2,357,124; Aug. 29.

Miller, Albert A., Madison, Wis. Time control apparatus. 2,342,814; Feb. 29.

Miller, Albert F., Flushing, assignor to Lily-Tulip Cup Corporation, New York, N. Y. Variable intermittent motion device. 2,352,797; July 4.

Miller, Alfred B., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Remote control system. 2,339,872; Jan. 25.

Miller, Alfred B., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Remote control system. 2,343,419; Mar. 7.

Miller, Alfred J. (See Bucknam, J. H., Miller, and Royer.)

Miller, Alfred J., Garwood, N. J., assignor to The Linde Air Products Company. Blowpipe machine. 2,365,276; Dec. 19.

Miller, Arthur, Leavenworth County, Kans. Automatic safety control. 2,362,918; Nov. 14.

Miller, Arthur G., Staunton, Va., assignor to American Telephone and Telegraph Company. Telegraph system. 2,350,180; May 30.

Miller, Arthur J., and E. P. Sauerborn, Newark, N. J., assignors to Federal Telephone & Radio Corporation, New York, N. Y. Making selenium elements. 2,359,377; Oct. 3.

Miller, Arthur J., Newark, N. J., and I. R. Taylor, Brooklyn, assignors to Federal Telephone and Radio Corporation, New York, N. Y. Making selenium elements. 2,364,642; Dec. 12.

Miller, Benjamin, Richmond Hill, assignor, by mesne assignments, to Cities Service Oil Company, New York, N. Y. Electric flash producing method and apparatus. Re. 22,572; Nov. 28.

Miller, Bernard M., Sheffield, England. Carving fork with removable guard. 2,354,766; Aug. 1.

Miller, Bernard T., Wellsburg, W. Va., assignor, by mesne assignments, to St. Regis Paper Company, New York, N. Y. Valve bag. 2,338,254; Jan. 4.

Miller, Bruce De Haven, Louisville, Ky., assignor to The Girdler Corporation. Container filling apparatus. 2,363,543; Nov. 28.

Miller, Bruce DeH., and H. W. Bevarly, assignors to The Girdler Corporation, Louisville, Ky. Processing apparatus. Re. 22,519; July 18.

Miller, Bruce L., Detroit, Mich. Lawn mower sharpener. 2,343,072; Feb. 29.

Miller, Burton F., Beverly Hills, Calif., assignor to Radio Corporation of America. Motor starting system. 2,354,329; July 25.

Miller, C. E., Manufacturing Corporation. (See Maze, William V., assignor.)

Miller, Cary, Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,352,798; July 4.

Miller, Charles A., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,357,340; Sept. 5.

Miller, Charles F., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Textile printing composition. 2,353,411; July 11.

Miller, Charles G., Easton, Conn. Automotive drive. 2,343,469; Mar. 7.

Miller, Charles G., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,345,825; Apr. 4.

Miller, Charles J., Jr. (See Smith, W. A., and Miller.)

Miller, Charles L. (See Dykes, A. M., and Miller.)

Miller, Chester A. (See Steinberg, Sander, assignor.)

Miller Company, The. (See Beals, Gillson W., assignor.)

Miller Company, The. (See De Lancey, Ralph W., assignor.)

Miller Company, The. (See Naysmith, Shirley R., assignor.)

Miller Company, The. (See Runge, Richard M., assignor.)

Miller, Dale O., Detroit, Mich. Composite drive shaft. 2,340,549; Feb. 1.

Miller, Demont G. (See Miller, George, assignor.)

Miller, Edward A., Milwaukee, Wis., assignor to United States Hoffman Machinery Corporation, New York, N. Y. Garment steaming and drying device. 2,338,776; Jan. 11.

Miller, Edward A., Milwaukee, Wis., assignor to United States Hoffman Machinery Corporation, New York, N. Y. Garment processing apparatus. 2,361,045; Oct. 24.

Miller, Edward L. (See McIlwraith, J. W., and Miller.)

Miller, Edward L., and R. W. Brown, Oklahoma City, Okla., assignors to Chicago Pneumatic Tool Company, New York, N. Y. Bearing for rock bits. 2,351,357; June 13.

Miller, Edward W., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Finishing gears by shaving. 2,338,528; Jan. 4.

Miller, Edward W., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Crowning gears by shaving. 2,343,567; Mar. 7.

Miller, Edward W., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Grinding wheel dresser. 2,348,354; May 9.

Miller, Edward W., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Gear finishing apparatus. 2,352,557; June 27.

Miller, Edward W., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Gear finishing tool. 2,356,868; Aug. 29.

Miller, Edward W., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Method and apparatus for generating gears by planetary motion. 2,356,869; Aug. 29.

Miller, Edward W., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Gear finishing machine. 2,362,762; Nov. 14.

Miller, Edward W., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Gear finishing and crowning machine. 2,362,763; Nov. 14.

Miller, Edward W., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Cam operated crowning attachment for gear finishing machines. 2,362,764; Nov. 14.

Miller, Edward W., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Generative grinding machine with rolling work or tool carrier. 2,364,542; Dec. 5.

Miller, Edwin A., New Haven, Conn. Drive fastener. 2,353,579; July 11.

Miller, Edwin A., New Haven, Conn. Permanent anchoring means for the assembly of interdriven members. 2,358,728; Sept. 19.

Miller, Elmer L. (See Walther, G., and Miller.)

Miller, Elmer L., assignor to The Dayton Steel Foundry Company, Dayton, Ohio. Screw type trailer landing gear. 2,347,921; May 2.

Miller, Elmer V., assignor of one-half to A. Falk, Duluth, Minn. Trip sheave. 2,361,702; Oct. 31.

Miller Engineering Corporation. (See Miller, Raymond J., assignor.)

Miller, Ernest B., Annapolis, assignor of one-half to W. B. Wright, Baltimore, Md. Liquid dispensing apparatus. 2,361,863; Oct. 31.

Miller, Ernest F., Lansdowne, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Expansion joint construction. 2,348,833; May 16.

Miller, Ernest F., Lansdowne, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Bolting apparatus. 2,359,046; Sept. 26.

Miller, Eugene P. (See Allot, L. R., and Miller.)

Miller, Floyd L. (See Richardson, R. W., Miller, and Winning.)

Miller, Frank, West Orange, N. J., assignor to Ingersoll-Rand Company, New York, N. Y. Dispensing device. 2,348,402; May 9.

Miller, Frank, West Orange, N. J., assignor to Ingersoll-Rand Company, New York, N. Y. Expanding device. 2,357,903; Sept. 12.

Miller, Frank C. (See Walsh, J. F., and Miller.)

Miller, Frank E. (See Whitney, R. T., and Miller.)

Miller, Frank R., and G. Roud, Evansville, Ind., assignors to Servel, Inc., New York, N. Y. Ice tray grid. 2,343,018; Feb. 29.

Miller, Frank W., assignor to Franclare Company, Chicago, Ill. Reconditioning boilers. 2,350,914; June 6.

Miller, Franklin S. (See Barbour, H. C., and Miller.)

Miller, Frederick H. W., Napa, Calif. Air motor. 2,364,306; Dec. 5.

Miller, George, San Marino, assignor to D. G. Miller, Los Angeles County, Calif. Composition for preparation of oil base drilling fluid. 2,356,776; Aug. 29.

Miller, George C., Chicago, Ill. Variable stroke combustion engine. 2,340,010; Jan. 25.

Miller, George E., Springcreek Township, Miami County, assignor to General Motors Corporation, Dayton, Ohio. Color analyzing device. 2,358,020; Sept. 12.

Miller, George F., et al. (See Butts, Richard R., assignor.)

Miller, Glen E., Lincoln, Nebr. Seed harvester. 2,352,854; July 4.

Miller, Glennard E. (See Frey, C. N., and Miller.)

Miller, Gray, Jr., deceased, Southbridge; J. C. Gahan, Jr., Belmont, Mass., administrator, assignor to Polaroid Corporation, Dover, Del. Eye shield. 2,359,435; Oct. 3.

Miller, Gustave, New Haven, Conn. Electric water light. 2,346,695; Apr. 18.

Miller, Harold W., assignor of one-half to M. Mohr, Niagara Falls, N. Y. Steam generator. 2,355,886; Aug. 15.

Miller, Harold C., Oakland, Calif., W. B. Berwald, Tulsa, and D. B. Taliaferro, Jr., Bartlesville, Okla., assignors to the Government of the United States of America as represented by the Secretary of the Interior. Core drilling. 2,364,088; Dec. 5.

Miller, Harry B. (See James, J. H., and Miller.)

Miller, Hazel E., administratrix. (See Miller, Abraham B.)

Miller, Helmuth P., Milwaukee, Wis. Pin punch. 2,365,425; Dec. 19.

Miller, Henry, Seattle, Wash. Safety razor. 2,345,492; Mar. 28.
Mills, Herbert E. and V. I., Detroit, Mich. Rivet. 2,344,717; Mar. 21.
Miller, Hoke S., Stamford, Conn., assignor to Air Reduction Company, Incorporated, New York, N. Y. Treating castor and similar oils. 2,351,444; June 13.
Miller, Howard A., assignor to Eastman Kodak Company, Rochester, N. Y. Toning photographic images. 2,346,077; Apr. 4.
Miller, Ira A. (See Otis, H. C., Luccous, and Miller.)
Miller, Ira A., Houston, assignor to H. C. Otis, Dallas, Tex. Well tool. 2,358,466; Sept. 19.
Miller, Irven T., Modesto, Calif. Harvester. 2,343,153; Feb. 29.
Miller, Isador, New York, N. Y. Cellulose ester plastics. 2,351,866; June 20.
Miller, John A., De Kalb, assignor to The Rudolph Wurlitzer Company, Chicago, Ill. Filing cabinet. 2,343,692; Mar. 7.
Miller, John A., De Kalb, assignor to The Rudolph Wurlitzer Company, Chicago, Ill. Apparatus for forming panels. 2,350,915; June 6.
Miller, John A., De Kalb, assignor to The Rudolph Wurlitzer Company, Chicago, Ill. Apparatus for producing high density plywood tubing. 2,351,692; June 20.
Miller, John G. (See Martin, S. M., and Miller.)
Miller, John H., Baltimore, Md. Stopper remover. 2,342,156; Feb. 22.
Miller, John W. (See Jones, D. F., and Miller.)
Miller, John W., Detroit, Mich. Motor shipping container. 2,341,801; Feb. 15.
Miller, John W., assignor to Motor Wheel Corporation, Lansing, Mich. Control for combustion apparatus. 2,348,143; May 2.
Miller, John W., assignor to Motor Wheel Corporation, Lansing, Mich. Air circulator. 2,363,191; Nov. 21.
Miller, John W., assignor to Motor Wheel Corporation, Lansing, Mich. Combustion apparatus. 2,363,192; Nov. 21.
Miller, John W., and R. E. Fell, assignors to Motor Wheel Corporation, Lansing, Mich. Fuel control for combustion apparatus. 2,363,190; Nov. 21.
Miller-Jonas Holding Co. (See Miller, Louis P., assignor.)
Miller, Julius J., St. Joseph, Mich. Wire bound box. 2,350,360; Oct. 17.
Miller, Kay, assignor to The Atwood Vacuum Machine Company, Rockford, Ill. Master cylinder for hydraulic braking systems. 2,358,021; Sept. 12.
Miller, Kay, New Brunswick, assignor to Joseph Dixon Crucible Company, Jersey City, N. J. Preparing news print paper for use as pencil sheaths. 2,352,444; June 27.
Miller, Kenneth H., assignor to Illinois Testing Laboratories, Inc., Chicago, Ill. Jet for air velocity meters and the like. 2,342,290; Feb. 22.
Miller, Kenneth W., Chicago, and Hiram W. Sheridan, Oak Park, Ill. Airplane ignition harness. 2,343,314; Mar. 7.
Miller, Kinney I., Lancaster, and I. Dunbar, Kirksville, Mo. Cool water reservoir for refrigerators. 2,354,272; July 25.
Miller, Leo B., Milwaukee, Wis., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Air conditioning system. 2,362,084; Nov. 7.
Miller, Leonidas C., assignor of one-half to Eastman Oil Well Survey Company, Dallas, Tex., and one-half to Eastman Oil Well Survey Corporation, Long Beach, Calif. Deflecting tool. 2,345,766; Apr. 4.
Miller, Leonidas C., Los Angeles, assignor, by mesne assignments, of one-half to Eastman Oil Well Survey Company, Dallas, Tex., and one-half to Eastman Oil Well Survey Corporation, Long Beach, Calif. Compass unit. 2,364,908; Dec. 12.
Miller, Leslie W., assignor to The Morgan Crucible Company, Limited, London, England. Variable electric resistance. 2,358,991; Sept. 26.
Miller, Lewis B., assignor to Keasby & Mattison Company, Ambler, Pa. Preparing insulating material. 2,345,878; Apr. 4.
Miller, Lewis B., assignor to Keasbey & Mattison Company, Ambler, Pa. Magnesium composition and preparation. 2,358,818; Sept. 26.
Miller, Linus G., assignor to The Jasper Desk Company, Jasper, Ind. Typewriter desk. 2,342,883; Feb. 29.
Miller, Lloyd E. (See Smith, R. H., Miller, and Dunning.)
Miller, Lloyd G., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Lasting machine. 2,339,504; Jan. 18.
Miller, Lloyd G., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Lasting machine. 2,357,841; Sept. 12.
Miller, Lloyd L., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Slotting apparatus. 2,343,990; Mar. 14.
Miller, Logan C., Ann Arbor, and H. A. Chubbuck, assignors to Ford Motor Company, Dearborn, Mich. Electrical apparatus and method. 2,357,017; Aug. 29.
Miller, Louis P., Cleveland Heights, Ohio, assignor to American Home Products Corporation, Jersey City, N. J. Making capsules. 2,349,511; May 23.
Miller, Louis P., assignor to Miller-Jonas Holding Co., Inc., Walden, N. Y. Making slivers. 2,361,308; Oct. 24.
Miller, Louis P., assignor to Miller-Jonas Holding Co., Inc., Walden, N. Y. Fur sliver. 2,361,309; Oct. 24.
Miller, Louis P., assignor to Miller-Jonas Holding Co., Inc., Walden, N. Y. Textile lap and batt. 2,361,310; Oct. 24.
Miller, Matthew W. (See Niederhauser, W. S., and Miller.)
Miller, Max, Chicago, Ill. Truss structure. 2,339,095; Jan. 11.
Miller, Max B., & Co. (See Tuttle, Malcolm H., assignor.)
Miller, Melvin G., Houston, Tex., assignor of one-fourth to T. W. Hunt. Split housing plug valve. 2,349,978; May 30.
Miller, Michael E., Omaha, Nebr. Thermostatic radiator valve. 2,342,157; Feb. 22.
Miller, Mike A., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Fusion joining of metals. 2,342,357; Feb. 22.
Miller, Mike A., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Light metal flux. 2,357,175; Aug. 29.
Miller, Nicholas S., Chicago, Ill. Punch press guard. 2,347,606; Apr. 25.
Miller, Norton W., assignor to Wingfoot Corporation, Akron, Ohio. Method and apparatus for curing V-belts and the like. 2,362,659; Nov. 14.
Miller, Ohmer R. (See King, R. E., and Miller.)
Miller, Oscar E., Stratton, Nebr., assignor to Cheney Weeder Company, Cheney, Wash. Weeder attachment. 2,353,485; July 11.
Miller, Oscar E., Stratton, Nebr., assignor to Cheney Weeder Company, Cheney, Wash. Rod weeder. 2,355,229; Aug. 8.
Miller, Otto H., Union City, N. J. Boat operated by motive vehicle. 2,365,830; Dec. 26.
Miller, Otto N., El Segundo, assignor to Standard Oil Company of California, San Francisco, Calif. Reaction of hydrocarbons. 2,348,017; May 2.
Miller, Paul D. (See Pray, H. A. H., and Miller.)
Miller, Paul L., Clearwater, S. C., assignor to United Merchants & Manufacturers, Inc., Wilmington, Del. Apparatus for moving and storing sheet material. 2,348,355; May 9.
Miller, Pharis, Elizabeth, N. J., and E. Lieber, Staten Island, N. Y., assignors to Standard Oil Development Company. Lubricant. 2,362,290; Nov. 7.
Miller Pottery Engineering Company. (See Croninger, George J., assignor.)
Miller Printing Machinery Co. (See Huffman, Samuel A., assignor.)
Miller Printing Machinery Co. (See Kunz, John, assignor.)
Miller Printing Machinery Co. (See Neuhart, Andrew, assignor.)
Miller Printing Machinery Co. (See Saul, August A., assignor.)
Miller Printing Machinery Co. (See Schnitzer, Philip, assignor.)
Miller Printing Machinery Co. (See Sinkovitz, Joseph, assignor.)
Miller Printing Machinery Co. (See Wise, W. H., and Saul, assignors.)
Miller, Ralph. (See Hixson, A. W., and Miller.)
Miller, Raymond J. (See Swift, J. F., and Miller.)
Miller, Raymond J., Detroit, Mich. Smoking appliance. 2,357,018; Aug. 29.
Miller, Raymond J., assignor to American Pattern and Manufacturing Co., Detroit, Mich. Motion picture projector. 2,339,503; Jan. 18.
Miller, Raymond J., assignor to American Pattern and Manufacturing Co., Detroit, Mich. Motion picture projector. 2,341,734; Feb. 15.
Miller, Raymond J., assignor to Hydraulic Brake Company, Detroit, Mich. Torque converter. 2,342,208; Feb. 22.
Miller, Raymond J., assignor by direct and mesne assignments, to Miller Engineering Corporation, Detroit, Mich. Making patterns. 2,348,086; May 2.
Miller, Raymond J., Detroit, Mich., assignor to American Pattern and Manufacturing Co., a co-partnership consisting of said Miller and A. E. Wilson. Copyholder. 2,350,365; June 6.
Miller, Raymond J., assignor to Hydraulic Brake Company, Detroit, Mich. Turbotransmission. 2,354,396; July 25.
Miller, Raymond J., assignor to Hydraulic Brake Company, Detroit, Mich. Fluid coupling. 2,357,485; Sept. 5.
Miller, Raymond J., assignor to Hydraulic Brake Company, Detroit, Mich. Fluid coupling. 2,359,930; Oct. 10.
Miller, Raymond J., assignor to Hydraulic Brake Company, Detroit, Mich. Turbotransmission. 2,363,983; Nov. 28.
Miller, Raymond S., and H. C. Zintz, assignors to Vickers Incorporated, Detroit, Mich. Power transmission. 2,365,095; Dec. 12.
Miller, Richard D., et al., administrators. (See MacGregor, Wallace F.)
Miller, Richard F. (See Nadeau, G. F., and Miller.)

Miller, Robert A., Tarentum, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Tray. 2,340,483; Feb. 1.
Miller, Robert D. (See Muzzey, D. S., Jr., and Miller.)
Miller, Robert E., and R. J. Petty, New York, N. Y.; said Petty assignor to said Miller. Torch. 2,362,213; Nov. 7.
Miller, Robert H., Brisbane, Calif. Glue clamp. 2,359,235; Sept. 26.
Miller, Robert J., and J. T. Rutherford, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Compounded mineral oil. 2,363,012; Nov. 21.
Miller, Robert M., assignor to Fox Products Company, Philadelphia, Pa. Signal device. 2,350,289; May 30.
Miller, Robert S., assignor to Pacific Chain and Manufacturing Company, Portland, Oreg. Welding apparatus. 2,348,087; May 2.
Miller, Robert T., Chicago Heights, Ill., assignor to Masonite Corporation, Laurel, Miss. Composite wall panel. 2,342,682; Feb. 29.
Miller, Robert W., Farmingdale, N. Y., assignor to Republic Aviation Corporation. Aircraft structure. 2,362,919; Nov. 14.
Miller, Samuel C., New York, N. Y. Size compensating elevation post. 2,343,691; Mar. 7.
Miller, Samuel H., Cleveland, G. L. Jenkins, Lakewood, and F. T. McGuire, Jr., Shaker Heights, assignors to Industrial Fabricators Inc., Cleveland, Ohio. Machine for press forming sheetlike articles. 2,355,093; Aug. 8.
Miller, Samuel P., Chicago, Ill. Automatic control for heat transfer systems. 2,353,486; July 11.
Miller, Samuel P., Chicago, Ill. Heat control system. 2,353,627; July 11.
Miller, Sidney E., assignor to General Motors Corporation, Dayton, Ohio. Therapeutic device. 2,338,255; Jan. 4.
Miller, Sidney E., assignor to General Motors Corporation, Dayton, Ohio. Jacket type respirator. 2,354,397; July 25.
Miller, Starke L., assignor, by mesne assignments, to R. W. Marland, Denver, Colo. Grinding mill discharge. 2,344,162; Mar. 14.
Miller, Stuart P., Scarsdale, N. Y., assignor, by mesne assignments, to Allied Chemical & Dye Corporation. Mastic composition and flooring. 2,356,870; Aug. 29.
Miller, Theodore, assignor to George Gorton Machine Co., Racine, Wis. Electric arc etching electrode. 2,354,871; Aug. 1.
Miller, Theodore H., Portland, Oreg. Apparatus for fabricating wooden panels. 2,347,359; Apr. 25.
Miller, Walter H., South Orange, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Phonograph record and making. 2,346,597; Apr. 11.
Miller, Wilber B. (See Wissler, W. A., and Miller.)
Miller, William E., Kerrville, Tenn. Tractor trailer. 2,341,939; Feb. 15.
Miller, William F. (See Cross, G. L., and Miller.)
Miller, William J. (See Miller, W. J., (and Reek, assignor).)
Miller, William J., Los Angeles, Calif. Oil saver. 2,353,412; July 11.
Miller, William J., Swissvale, Pa. Method and apparatus for manufacturing pottery appendages. 2,361,311; Oct. 24.
Miller, William J., Swissvale, Pa. Apparatus for finishing prefabricated pottery appendages. 2,361,312; Oct. 24.
Miller, William J., Swissvale, Pa., and L. P. Reese, Scio, Ohio. Appendage moistener. 2,355,172; Aug. 8.
Miller, William J., Swissvale, and A. J. Reek, Carrick, Pa., said Reek assignor to said Miller. Method and apparatus for appendaging potteryware. 2,349,292; May 23.
Miller, William J., Swissvale, and A. J. Reek, Carrick, Pa., said Reek assignor to said Miller. Apparatus and method for charging pottery molds. 2,354,170; July 18.
Miller, William R., assignor to Wm. Sellers & Company, Inc., Philadelphia, Pa. Feed control for planers and the like. 2,340,199; Jan. 25.
Miller Wrapping and Sealing Machine Company. (See Corley, M. H., and Heckman, assignors.)
Millers Falls Company. (See Shortell, William H., assignor.)
Millers Falls Company. (See Taylor, Kenyon Y., assignor.)
Millerwise, Carl H., assignor to Detroit Lubricator Company, Detroit, Mich. Actuating means. 2,353,350; July 11.
Millett, Fernley E., Blairmore, Alberta, Canada. Powdered fuel burner. 2,361,117; Oct. 24.
Millican, Roy E., assignor of fifty-four and one-half per cent to C. Meredith, Dallas, Tex. Flow device. 2,346,777; Apr. 18.
Millie Patent Holding Co. (See Allatt, Mervin, assignor.)
Millie Patent Holding Co. (See Barnett, Louis, assignor.)
Milligan, Sydney. (See Dickson, J. B., and Milligan.)
Millikan, Glenn A., New York, N. Y. Oxygen meter. 2,358,992; Sept. 26.
Millikin, Arnold S., and J. H. Apel, assignors to The Jaeger Machine Company, Columbus, Ohio. Screed unit. 2,358,085; Sept. 12.
Millington, John H. T., Hamilton, Ontario, Canada, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Selective fluid valve. 2,341,940; Feb. 15.
Millis, H. L. (See Warfield, Claude E., assignor.)
Milliman, Nathan. (See Williams, I., and Milliman.)
Millonig, Edward A., Dayton, Ohio. Finishing tool. 2,350,794; June 6.
Mills, Albert W., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Duplicating machine. 2,340,819; Feb. 1.
Mills, Albert W., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Record controlled machine. 2,346,269; Apr. 11.
Mills, Albert W., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Printing mechanism. 2,353,057; July 4.
Mills, Albert W., and F. J. Furman, Endicott, assignors to International Business Machines Corporation, New York, N. Y. Stencil moistening machine. 2,338,195; Jan. 4.
Mills, Albert W., Endicott, and E. J. Rabenda, Binghamton, assignors to International Business Machines Corporation, New York, N. Y. Perforating apparatus. 2,346,267; Apr. 11.
Mills, Albert W., Endicott, and E. J. Rabenda, Binghamton, assignors to International Business Machines Corporation, New York, N. Y. Record controlled perforating apparatus. 2,346,268; Apr. 11.
Mills, Albert W., Endicott, E. J. Rabenda, Binghamton, F. J. Furman, Endicott, N. Y., and E. J. Keough, Stamford, Conn., assignors to International Business Machines Corporation, New York, N. Y. Recording machine. 2,355,389; Aug. 8.
Mills, Albert W., and F. J. Furman, Endicott, assignors to International Business Machines Corporation, New York, N. Y. Stencil inking machine. 2,357,486; Sept. 5.
Mills, Albert W., and F. J. Furman, Endicott, assignors to International Business Machines Corporation, New York, N. Y. Typewriting machine. 2,357,487; Sept. 5.
Mills, Burton L., assignor to Clark Equipment Company, Buchanan, Mich. Dual wheel mounting. 2,356,942; Aug. 29.
Mills, David E., Cincinnati, W. H. H. Drake, Bridgetown, and H. E. Laubach, assignors to The Smith & Mills Company, Cincinnati, Ohio. Metalworking machinery. 2,353,580; July 11.
Mills, Edward J., Jr. (See Bogert, M. T., and Mills.)
Mills, Ellsworth L., and S. L. Sundstrom, assignors to The Bastian-Blessing Company, Chicago, Ill. Apparatus for and system of fluid supply. 2,354,925; Aug. 1.
Mills, Harold A., Nashville, Tenn., assignor, by mesne assignments, to Consolidated Vultee Aircraft Corporation. Drill chuck. 2,350,565; June 6.
Mills, Herbert E., assignor to Eureka Cleaner Company, Detroit, Mich. Flare pistol. 2,362,391; Nov. 7.
Mills, Herbert E., assignor to Eureka Vacuum Cleaner Company, Detroit, Mich. Pistol. 2,364,232; Dec. 5.
Mills, Herbert E., and L. M. Shell, Cleveland, Tenn. Cabinet. 2,342,956; Feb. 29.
Mills, John B., Jr. (See Bousman, H. W., and Mills.)
Mills, Kenneth N., Tulsa, Okla., assignor to Bethelehem Steel Company. Polished rod clamp. 2,346,859; Apr. 18.
Mills, Louis D., and T. B. Crowe, Palo Alto, and R. E. Byler, Stanford University, assignors to The Merrill Company, San Francisco, Calif. Cyanidation method and apparatus. 2,364,867; Dec. 12.
Mills, Maurice A., Dearborn, Mich. Color illumination. 2,360,438; Oct. 17.
Mills Novelty Company. (See Smith, J. T., and Reiter, assignors.)
Mills Sales Company, Ltd. (See Bouterious, Arthur H., assignor.)
Mills, Vernon I. (See Mills, Herbert E and V. I.)
Mills, William L., Waco, Tex. Safety razor. 2,362,765; Nov. 14.
Millspaugh, William H., Catawba Island, Ohio. Suction roll. 2,338,777; Jan. 11.
Millspaugh, William H., Catawba Island, Ohio. Method and apparatus for making multi-ply paper sheets. 2,355,006; Aug. 1.
Milmoe, Florence G. M., executrix. (See Milmoe, M. J., and Malhiot.)
Milmoe, Michael J., deceased, by F. G. M. Milmoe, Glen Ellyn, executrix, and C. J. Malhiot, Oak Park; said M. J. Milmoe and said C. J. Malhiot assignors to F. B. Redington Co., Chicago, Ill. Packaging machine and circular applying mechanism therefor. 2,340,678; Feb. 1.
Milmoe, Michael J., deceased, by F. G. Milmoe, Glen Ellyn, executrix, and C. J. Malhiot, Oak Park, assignors to F. B. Redington Co., Chicago, Ill. Package wrapping and sealing. 2,340,836; Feb. 1.
Milmoe, Michael J., deceased, by F. G. M. Milmoe, Glen Ellyn, executrix, and C. J. Malhiot, Oak Park; said M. J. Milmoe and said C. J. Malhiot assignors to F. B. Redington Co., Chicago, Ill. Article conveyer apparatus for packaging machines. 2,358,240; Sept. 12.
Milne Chair Company. (See Morrison, H., and Lowe, assignors.)
Milne, Douglas D., Larchmont, J. P. Fogarty, and J. B. Dunlevie, Yonkers, N. Y. Psychometer. 2,339,579; Jan. 18.

Milne, William, Newport, and A. J. Tokarz, assignors to Joseph Rancroft & Sons Co., Wilmington, Del. Producing resistlike two-tone effects in dyeing textiles. 2,359,776; Oct. 10.

Milner, James B., Prestatyn, England. Keeper. 2,353,844; July 18.

Milner, Nugent, Dearborn, Mich., assignor, by mesne assignments, to himself and S. A. Milner. Vehicle construction. 2,351,829; June 20.

Milner, Sarah A. (See Milner, Nugent, assignor.)

Milone, Charles R. (See Wise, P. H., and Milone.)

Milone, Charles R., assignor to Wingfoot Corporation, Akron, Ohio. Stabilization. 2,358,130; Sept. 12.

Milprint, Inc. (See Rice, Orrie L., assignor.)

Milton, Thomas W., Detroit, Mich., assignor to The Flex-O-Tube Company. Making shielded spark-plug connectors. 2,348,919; May 16.

Milus, Paul R. (See Mackey, B. H., and Milus.)

Milwaukee Electric Tool Corporation. (See Beckwith, Wendell K., assignor.)

Milwaukee Flush Valve Company. (See Judell, Julius S., assignor.)

Milwaukee Gas Specialty Company. (See Alfery, Henry F., assignor.)

Milwaukee Gas Specialty Company. (See Guelson, Stanley S., assignor.)

Milwaukee Gas Specialty Company. (See Hildebrecht, Charles V., assignor.)

Milwaukee Gas Specialty Company. (See Mantz, Harold A., assignor.)

Milwaukee Gas Specialty Company. (See McCarty, Lourdes V., assignor.)

Milwaukee Gas Specialty Company. (See Thornberry, J. H., and Wetzel, assignors.)

Milwaukee Gas Specialty Company. (See Wantz, Clarence, assignor.)

Milwaukee Saddlery Company. (See Bloomberg, Joseph E., assignor.)

Minaker, Herbert L., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Filled container steaming apparatus and method. 2,362,841; Nov. 14.

Minar, John, Maspeth, N. Y. Supplemental base for hot water heaters. 2,352,558; June 27.

Minenberg, William F., Miami, Fla. Hat hanger. 2,341,643; Feb. 15.

Minehom, Raphael I. (See Cooke, N., and Minehom.)

Mine Safety Appliances Company. (See Evans, Robert B., assignor.)

Mine Safety Appliances Company. (See Hartline, Ralph E., assignor.)

Mine Safety Appliances Company. (See Karabin, Edward V., assignor.)

Mine Safety Appliances Company. (See Yant, W. P., and Strange, assignors.)

Mine and Smelter Supply Company, The. (See Moerlin, William J., assignor.)

Mines and Resources, His Majesty the King in the right of Canada, as represented by the Minister of. (See Swartzman, Edward, assignor.)

Miner, Floyd E., Bensenville, Ill. Trailer wheel supporting means. 2,345,945; Apr. 4.

Miner, Frederick I., Providence, R. I., assignor to Welsh Manufacturing Company. Goggle. 2,351,358; June 13.

Miner, Frederick M., Jr., assignor to Renim, Inc., Madison, Wis. Surgical pad sterilizer. 2,356,684; Aug. 22.

Miner, George A., Manchester, N. H., assignor to United Shoe Machinery Corporation, Flemington, N. J. Manufacture of shoes. 2,342,815; Feb. 29.

Miner, George A., Manchester, N. H., assignor to United Shoe Machinery Corporation, Flemington, N. J. Manufacture of shoes. 2,360,506; Oct. 17.

Miner, Irving O., Rumford, assignor to Builders Iron Foundry, Providence, R. I. Flow controller. 2,357,341; Sept. 5.

Miner, John D., Jr., and J. E. Mulheim, Lima, Ohio, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Resilient shaft coupling. 2,361,226; Oct. 24.

Miner, Samuel S., Niles, Mich. Parachute jumper's suit. 2,342,420; Feb. 22.

Miner, W. H., Inc. (See Dath, George E., assignor.)

Miner, W. H., Inc. (See Dentler, A. E., and Haseltine, assignors.)

Miner, W. H., Inc. (See Haseltine, Stacy B., assignor.)

Miner, W. H., Inc. (See Lehman, Edward H., assignor.)

Miner, W. H., Inc. (See Lounsbury, Harvey J., assignor.)

Miner, W. H., Inc. (See Olander, Roland J., assignor.)

Minera, Salvador A., San Francisco, Calif. Fruit stemmer and method. 2,342,358; Feb. 22.

Minerals Beneficiation, Incorporated. (See Erck, Louis J., assignor.)

Minerals and Metals Corporation. (See Brassert, H. A., and Hartley, assignors.)

Minerals and Metals Corporation. (See Hartley, J. C., and Henry, assignors.)

Minerals Beneficiation Incorporated. (See Holt, G. J., Rakowsky, and Arms, assignors.)

Minerals Separation North American Corporation. (See Brown, E. H., and Tartaron, assignors.)

Minerals Separation North American Corporation. (See Cole, Allen T., assignor.)

Minerals Separation North American Corporation. (See Cole, A. T., and Houston, assignors.)

Minero, Eligio, Jersey City, N. J. Coupling device. 2,355,922; Aug. 15.

Minerva Wax Paper Company. (See Gluck, F. C., and McCaskey, assignors.)

Minet, Valere L., assignor of one-fourth to R. R. Isenhour, Geneva, N. Y. Screen display. 2,340,200; Jan. 25.

Minger, Forest R. (See Heath, S. B., and Minger.)

Minich, Arthur, Mountainside, assignor to Nyodex Products Co., Inc., Elizabeth, N. J. Drier and producing same. 2,338,128; Jan. 4.

Mining Engineering Company Limited, The. (See Nyborg, Tage G., assignor.)

Mining Process and Patent Company. (See Bailey, T. S., Jr., Daman, and Logue, assignors.)

Mining Process and Patent Company. (See Finney, J. H. V., and Daman, assignors.)

Mining Process and Patent Company. (See Finney, J. H. V., and Ellen, assignors.)

Minkowits, George, New York, N. Y. Lock for stitch adjusting mechanisms. 2,340,550; Feb. 1.

Minneapolis-Honeywell Regulator Company. (See Baak, Albert E., assignor.)

Minneapolis-Honeywell Regulator Company. (See Bedard, Earl L., assignor.)

Minneapolis-Honeywell Regulator Company (See Crawford, Robert B. P., assignor.)

Minneapolis-Honeywell Regulator Company. (See Crum, Stephen, assignor.)

Minneapolis-Honeywell Regulator Company. (See (Gauger, F. A., assignor) and Jones.)

Minneapolis-Honeywell Regulator Company. (See Harris, John L., assignor.)

Minneapolis-Honeywell Regulator Company. (See Holmes, Gifford I., assignor.)

Minneapolis-Honeywell Regulator Company. (See Isserstedt, Siegfried G., assignor.)

Minneapolis-Honeywell Regulator Company. (See Joesting, Frederick D., assignor.)

Minneapolis-Honeywell Regulator Company. (See Kliever, Waldo H., assignor.)

Minneapolis-Honeywell Regulator Company. (See Koch, Albert H., assignor.)

Minneapolis-Honeywell Regulator Company. (See Kronmiller, Carl G., assignor.)

Minneapolis-Honeywell Regulator Company. (See Kutzler, R. J., and Griffith, assignors.)

Minneapolis-Honeywell Regulator Company. (See Laing, Marvin R., assignor.)

Minneapolis-Honeywell Regulator Company. (See Lange, Frederick E., assignor.)

Minneapolis-Honeywell Regulator Company. (See Mattern, Raymond P., assignor.)

Minneapolis-Honeywell Regulator Company. (See Matthews, Howard D., assignor.)

Minneapolis-Honeywell Regulator Company. (See McGrath, William L., assignor.)

Minneapolis-Honeywell Regulator Company. (See Miller, Leo B., assignor.)

Minneapolis-Honeywell Regulator Company. (See Newton, Alwin B., assignor.)

Minneapolis-Honeywell Regulator Company. (See Pond, Bertram P., assignor.)

Minneapolis-Honeywell Regulator Company. (See Robb, Joseph E., assignor.)

Minneapolis-Honeywell Regulator Company. (See Sigford, J. V., and Kliever, assignors.)

Minneapolis-Honeywell Regulator Company. (See Sparrow, Hubert T., assignor.)

Minneapolis-Honeywell Regulator Company. (See Taylor, Daniel G., assignor.)

Minneapolis-Honeywell Regulator Company. (See Walsh, Edward C., assignor.)

Minneapolis-Honeywell Regulator Company. (See Wilson, John M., assignor.)

Minneapolis-Moline Power Implement Company. (See Frank, William R., assignor.)

Minneapolis-Moline Power Implement Company. (See Seaholm, John P., assignor.)

Minneci, Salvatore, Pittsfield, Mass., assignor to General Electric Company. Electric circuit. 2,360,148; Oct. 10.

Minneci, Salvatore, Pittsfield, Mass., assignor to General Electric Company. Electric circuit. 2,363,891; Nov. 28.

Minnesota Mining & Manufacturing Company. (See Anderson, Arthur A., assignor.)

Minnesota Mining & Manufacturing Company. (See Brown, John A., assignor.)

Minnesota Mining & Manufacturing Company. (See Carlton, R. P., and Oakes, assignors.)

Minnesota Mining & Manufacturing Company. (See Drew, Richard G., assignor.)

Minnesota Mining & Manufacturing Company. (See Hatch, L. A., and Buzzell, assignors.)

Minnesota Mining & Manufacturing Company. (See Hatch, L. A., and Clarke, assignors.)

Minnesota Mining & Manufacturing Company. (See Heltzer, H., and Clarke, assignors.)

Minnesota Mining & Manufacturing Company. (See Jewett, Clifford L., assignor.)

Minnesota Mining & Manufacturing Company. (See Johnson, R. C., and Marchant, assignors.)

Minnesota Mining & Manufacturing Company. (See Kugler, J. H., and Oakes, assignors.)

Minnesota Mining & Manufacturing Company. (See Merrill, O. S., and Hollingsworth, assignors.)

Minnesota Mining & Manufacturing Company. (See Netherly, G. P., Cross, and Anderson, assignors.)

Minnesota Mining & Manufacturing Company. (See Oakes, Byron J., assignor.)

Minnesota Mining & Manufacturing Company. (See Oakes, B. J., and Murray, assignors.)

Minnesota Mining & Manufacturing Company. (See Palmquist, Philip V., assignor.)

Minnesota Mining and Manufacturing Company. (See Salfisberg, Leroy L., assignor.)

Minnesota Mining & Manufacturing Company. (See Sampair, C. B., and Lund, assignors.)

Minnesota Mining & Manufacturing Company. (See Smyser, James S., assignor.)

Minnesota Mining & Manufacturing Company. (See Sohl, W. E., and Stephens, assignors.)

Minnesota Mining & Manufacturing Company. (See Stewart, John S., assignor.)

Minnesota Valley Canning Company. (See Novotny, Thomas J., assignor.)

Minnium, Byron B., assignor to Erie Resistor Corp., Erie, Pa. Electric capacitor. 2,348,693; May 9.

Minns, Frederick J. (See de Lubicz-Bakanowski, Z., Minns, and Norman.)

Minox, Inc. (See Castelli, Charles, assignor.)

Minser, William D., Seattle, Wash. Inspection tube for oil-level sticks. 2,357,534; Sept. 5.

Minter, Clarke C., East Orange, assignor to Breese Corporations, Inc., Newark, N. J. Electrical piezometer. 2,358,467; Sept. 19.

Minto, Robert E. (See Saxer, E. T., and Minto.)

Minton, John P., Dallas, Tex., assignor, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Contractor-expander for electric seismographs. 2,354,420; July 25.

Minton, John P., Dallas, Tex., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Apparatus for recording seismic waves. 2,360,507; Oct. 17.

Minute-Man Machine Co., The. (See Dreher, Stanley C., assignor.)

Miquelon, Pantaleon E., assignor to Universal Products Company Incorporated, Dearborn, Mich. Universal joint assembly. 2,360,736; Oct. 17.

Mirel, Arthur G., New York, N. Y. Duplicate cutting machine. 2,351,776; June 20.

Miro, David M. (See Feldman, Max, assignor.)

Misch, Arthur C., assignor to M. B. Skinner Company, South Bend, Ind. Service connector. 2,344,163; Mar. 14.

Misfeldt, Charles C., Glendale, Calif. Draw press. 2,345,353; Mar. 28.

Misfeldt, Charles C., Glendale, Calif. Extrusion molding method. 2,356,338; Aug. 22.

Mishawaka Rubber and Woolen Manufacturing Company. (See Bodle, Virgil H., assignor.)

Mishawaka Rubber and Woolen Manufacturing Company. (See Bodle, V. H., and Blair, assignors.)

Mishawaka Rubber and Woolen Manufacturing Company. (See Callum, George H., assignor.)

Mishawaka Rubber and Woolen Manufacturing Company. See Clark, Edward H., assignor.)

Mishawaka Rubber and Woolen Manufacturing Company. (See Cunningham, Marion M., assignor.)

Mishawaka Rubber and Woolen Manufacturing Company. (See Luxenberger, Eugene A., assignor.)

Mishawaka Rubber and Woolen Manufacturing Company. (See Sawyer, Fred A., assignor.)

Mishawaka Rubber and Woolen Manufacturing Company. (See Schellings, Cornelius J., assignor.)

Misiak, Joseph T. (See Wilbor, O. J., and Misiak.)

Miskella, William J., Cleveland, Ohio. Apparatus for drying helmets and the like. 2,355,459; Aug. 8.

Miskelly, Samuel, Downers Grove, assignor to Western Railroad Supply Company, Chicago, Ill. Grade crossing gate. 2,362,710; Nov. 14.

Mission Manufacturing Company. (See Volpin, Alexander S., assignor.)

Mississippi Valley Last Company. (See Heggs, Kenneth, assignor.)

Mississippi Valley Research Laboratories, Inc. (See Bubb, Frank W., assignor.)

Misslin, Emil E., and R. Thomann, assignors to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Azo dyestuffs. 2,361,642; Oct. 31.

Missouri Portland Cement Co. (See Wagner, Lacey A., assignor.)

Mitchel, Charles F., assignor to Bastian Brothers Company, Rochester, N. Y. Character bearing holder. 2,340,402; Feb. 1.

Mitchel, Clyde L., and P. Stocklin, assignors to Challenge Cream & Butter Association, Los Angeles, Calif. Preparing cheese loaves and apparatus. 2,358,526; Sept. 19.

Mitchell, Abraham J., Stratford, assignor to Mitchell-Bradford Chemical Company, Bridgeport, Conn. Measuring gauge and making the same. 2,355,007; Aug. 1.

Mitchell, Alexander R., Dedham, Mass. Upholstery edging having an anchoring flap and producing the same. 2,359,047; Sept. 26.

Mitchell-Bradford Chemical Company. (See Mitchell, Abraham J., assignor.)

Mitchell Camera Corporation. (See Hoffmann, Louis B., assignor.)

Mitchell, Charles H., Woodstock, Ontario, Canada. Level. 2,342,359; Feb. 22.

Mitchell, Donald H., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Grapple. 2,363,076; Nov. 21.

Mitchell, George A., assignor to Manning, Maxwell & Moore, Inc., Muskegon, Mich. Current collecting apparatus. 2,343,693; Mar. 7.

Mitchell, Harold S., assignor to Industrial Patents Corporation, Chicago, Ill. Paper treatment. 2,344,470; Mar. 14.

Mitchell, Harry W., Shaker Heights, Ohio. Practice bomb. 2,354,039; July 18.

Mitchell, Henry N., Sanford, Maine, assignor to M. H. Hoepli, New York, N. Y. Mothproofing. 2,351,359; June 13.

Mitchell, James A., Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Moisturepreofed regenerated cellulose. 2,342,209; Feb. 22.

Mitchell, James A., Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Moisture-resistant Cellophane. 2,350,366; June 6.

Mitchell, James A., Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cyclized rubber-unsaturated carbonyl compound reaction products. 2,364,089; Dec. 5.

Mitchell, James A., Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Rubber derivatives products. 2,364,158; Dec. 5.

Mitchell, John D. (See Hicks, Albertson, assignor.)

Mitchell, John E., Company. (See McMahon, J. A., and Sydow, assignors.)

Mitchell, Leo J., Clayton, Mo. Metallic paste pigment. 2,353,068; July 4.

Mitchell, Lewis E. (See Jeffrey, R. K., and Mitchell.)

Mitchell, Lora A., Birmingham, Ala. Work support. 2,360,508; Oct. 17.

Mitchell, Meldon, New York, N. Y. Camouflaging method and device therefor. 2,351,142; June 13.

Mitchell, Melville J., Highland Park, Ill., assignor to International Harvester Company. Resilient wheel mounting. 2,346,319; Apr. 11.

Mitchell, Robert F. (See Lepsoe, R., and Mitchell.)

Mitchell, Rollie H., Huntington Park, and W. R. McKay, Compton, assignors to Killefer Manufacturing Corporation, Los Angeles, Calif. Ground working implement. 2,351,830; June 20.

Mitchell & Smith, Incorporated. (See Champney, Ralph P., assignor.)

Mitchell & Smith, Inc. (See Hueter, Otto W., assignor.)

Mitchell, W. K., & Company. (See Bissout, H. A., and Borresen, assignors.)

Mitchell, Walter G., Aurora, assignor to Independent Pneumatic Tool Company, Chicago, Ill. Portable hand held electric tool. 2,346,778; Apr. 18.

Mitchell, Walter G., Aurora, assignor to Independent Pneumatic Tool Company, Chicago, Ill. Portable hand-held electric tool. 2,350,631; June 6.

Mitcheltree, Hubert W. (See Fram, J. C., and Mitcheltree.)

Mitchum, Elisabeth E., Johnson County, Kans. Blood-separating machine for serum production. 2,343,694; Mar. 7.

Mitnick, Meyer, New York, N. Y. Record rack. 2,354,872; Aug. 1.

Mittag, Albert H., Schenectady, N. Y., assignor to General Electric Company. Electric valve protective circuit. 2,348,653; May 9.

Mittag, Albert H., Schenectady, N. Y., assignor to General Electric Company. Electric valve circuit. 2,351,062; June 13.

Mittag, Albert H., assignor to General Electric Company, Schenectady, N. Y. Electric control circuit. 2,362,294; Nov. 7.

Mittag, George, New York, N. Y. Luminescent warning device. 2,342,005; Feb. 15.

Mitton, William E., Shawano, Wis. Processing machine for canned foods. 2,347,495; Apr. 25.

Mixer, Harold P., Rockville Centre, assignor to Remington Rand Inc., Buffalo, N. Y. Multiplying punch. 2,344,626; Mar. 21.

Mixer, Harold P., Rockville Centre, assignor to Remington Rand, Inc., Buffalo, N. Y. Computing machine. 2,344,627; Mar. 21.

Mixer, Harold P., Rockville Centre, assignor to Remington Rand Inc., Buffalo, N. Y. Computing machine. 2,360,615; Oct. 17.

Mixon, Lawson W. (See Kelso, C. D., and Mixon.)

Mize, Thomas H., et al., Trustee. (See Daugherty, Fount F., assignor.)

Mizzy, Albert D., assignor to E. Mizzy, New York, N. Y. Grinding machine. 2,358,584; Sept. 19.

Mizzy, Eleanor. (See Mizzy, Albert D., assignor.)

Mizzy, Inc. (See Berger, Herbert R., assignor.)

Moats, Willie M., Grafton, W. Va. Slip-over hoop coat. 2,345,059; Mar. 28.

Moberg, Ligurd M., West Orange, assignor to E. J. Brooks Company, Newark, N. J. Shackle seal. 2,345,767; Apr. 4.

Moberly, Lawrence E., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Porous brush manufacture. 2,356,076; Aug. 15.

Mobile Refrigeration, Inc. (See Lodwig, Erwin, assignor.)

Mock, Frank C., assignor to Bendix Products Corporation, South Bend, Ind. Charge forming device. 2,361,227; Oct. 24.

Mock, Frank C., assignor to Bendix Products Corporation, South Bend, Ind. Charge forming device. 2,361,228; Oct. 24.

Mock, Frank C., and E. O. Wirth, assignors to Bendix Aviation Corporation, South Bend, Ind. Carburetion. 2,347,427; Apr. 25.

Mock, Hugo, New York, N. Y. Closure for bags, pocketbooks, and other containers. 2,358,653; Sept. 19.

Mode, Walter F., Cheam, England, assignor to Traughber Engineering Company, Cleveland, Ohio. Separation of fine particles from gases by the aid of a washing liquid. 2,365,483; Dec. 19.

Model, Wilhelm, Stuttgart-Feuerbach, Germany; vested in the Alien Property Custodian. Apparatus for processing materials. 2,351,995; June 20.

Modern Faucet Co. (See Bentley, Clarence H., assignor.)

Modigliani, Piero, and V. Wiquel, Leghorn, Italy, assignors, by mesne assignments, to Owens-Corning Fiberglas Corporation, Toledo, Ohio. Manufacture of spun artificial fibers. 2,344,892; Mar. 21.

Modine, Arthur B. St. Petersburg, Fla. Heat transfer element. 2,339,284; Jan. 18.

Modine Manufacturing Company. (See Arnold, Arthur B., assignor.)

Modine Manufacturing Company. (See Fischer, Harry F., Jr., assignor.)

Moe, William W., Stratford, Conn., assignor to General Electric Company. Electron discharge circuit. 2,343,349; Nov. 21.

Moecker, Henry, Jr., and W. Lotter, Cleveland, Ohio, assignors to American Stove Company, St. Louis, Mo. Broiler unit. 2,355,230; Aug. 8.

Moecker, Henry, Jr., W. H. Frick, E. M. Meacham, and H. K. White, Cleveland, Ohio, assignor to American Stove Company, St. Louis, Mo. Range. 2,358,527; Sept. 19.

Moeklebust, Olav. (See Ravnestad, A. J., and Moeklebust.)

Moeklebust, Olav, and A. J. Ravnestad, Fredrikstad, Norway; vested in the Alien Property Custodian. Treating ferruginous minerals containing other metal constituents. 2,339,793; Jan. 25.

Moeller, Axel, Racine, Wis. Bottle stopper. 2,347,835; May 2.

Moeller, Carl A., assignor to Norfolk Paper Co., Inc., Randolph, Mass. Method and machine for operating on sheet material. 2,345,411; Mar. 28.

Moeller, George L., assignor to Knapp-Monarch Company, St. Louis, Mo. Fan construction. 2,357,053; Aug. 29.

Moeller, George L., assignor to Knapp-Monarch Company, St. Louis, Mo. Motor structure. 2,358,585; Sept. 19.

Moeller, William, Jersey City, N. J. Ship ladder. 2,338,778; Jan. 11.

Moench Corp. (See Moench, Robert G., Jr., assignor.)

Moench, Robert G., Jr., Columbus, Ohio, assignor to Moench Corp., New York, N. Y. Dough oiling machine. 2,357,679; Sept. 5.

Moerlin, William J., assignor to The Mine and Smelter Supply Company, Denver, Colo. Hot miller for detachable rock drill bits. 2,348,992; May 16.

Moessinger, Albert, assignor to Sulzer Freres, Société Anonyme, Winterthur, Switzerland. Thread insertion in nipper looms. 2,355,741; Aug. 15.

Moffett, Eugene W. (See Gebauer-Fuelnegg, E., Eilers, and Moffett.)

Moffett, Eugene W., and R. E. Smith, Milwaukee, Wis., assignors to Pittsburgh Plate Glass Company. Conjoint polymerization products. 2,356,871; Aug. 29.

Moffett, Le Roy, Baldwin, New York, N. Y., assignor to Radio Corporation of America. Television system. 2,363,800; Nov. 28.

Moffitt, Edward J., Lakewood, Colo., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Ammunition trimming machine. 2,359,931; Oct. 10.

Moffitt, Roy M., assignor to Reichel & Drews, Inc., Chicago, Ill. Method and apparatus for drying and cooling roofing and similar material. 2,365,352; Dec. 19.

Mogensen, Martin C., et al. (See Fanger, Herman J., assignor.)

Mogey, Halley W., Stamford, assignor to The Perkin-Elmer Corporation, Glenbrook, Conn. Method and apparatus for finishing prims. 2,363,544; Nov. 28.

Mogilanskij, Anatolij, Bournemouth, England, assignor to The Loewy Engineering Company, Limited, London, England. Suspension of rolling mill rolls. 2,365,831; Dec. 26.

Mogren, Eben F., Weaver, Minn. Trap. 2,340,484; Feb. 1.

Mohawk Brush Company. (See Lotters, Fred H., assignor.)

Mohl, Harold H., Davenport, Iowa, assignor, by mesne assignments, to McConway & Torley Corporation, Pittsburgh, Pa. Car truck. 2,346,860; Apr. 18.

Mohns, David F., assignor to The Parker Pen Company, Janesville, Wis. Filling mechanism for fountain pens. 2,343,991; Mar. 14.

Mohr, Albert C., Berkeley, Calif., assignor to Stauffer Chemical Company. Insecticidal preparation. 2,360,006; Oct. 10.

Mohr, Michael. (See Miller, Harold W., assignor.)

Mohr, Milton E., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Oscillation modulator. 2,345,712; Apr. 4.

Mohs, Frederic E., assignor to Wisconsin Alumni Research Foundation, Madison, Wis. Composition of matter for the chemical fixation of diseased tissue preparatory for surgical removal. 2,344,830; Mar. 21.

Mohun, John L., Chicago, Ill. Dust trap window ventilator. 2,347,120; Apr. 18.

Mohun, John L., Chicago, Ill., assignor to The National Lock Washer Company, Newark, N. J. Shade construction. 2,361,795; Oct. 31.

Moinichen, Petter, Chicago, Ill., assignor, by mesne assignments, to United States Government, as represented by the Secretary of War and his successors in office. Cartridge belt link manufacture. 2,355,992; Aug. 15.

Moir, Harry L. (See Backoff, W. J., Williams, O'Loughlin, Moir, and Yule.)

Moisture Register Company. (See Stevens, Robert L., assignor.)

Molden, Joseph W., and A. B. Webber, Westminster, assignors to The British Vacuum Cleaner & Engineering Company Limited, Leatherhead, Surrey, England. Timing mechanism. 2,362,392; Nov. 7.

Moldenhauer, Otto, and H. Bock, Hirschberg, Riesengebirge, Germany; vested in the Alien Property Custodian. Polymerization or polycondensation product and producing the same. 2,349,979; May 30.

Moles, Frank J., Schenectady, N. Y., assignor to General Electric Company. High-frequency thermocouple. 2,365,207; Dec. 19.

Molins, Desmond W., and C. Best, assignors to Molins Machine Company Limited, Deptford, London, England. Cigarette making machine. 2,343,240; Mar. 7.

Molins, Desmond W., C. Best, and G. F. W. Powell, assignors to Molins Machine Company Limited, Deptford, London, England. Weighing mechanism. 2,351,533; June 13.

Molins, Desmond W., F. F. Ruau, and S. R. Chown, assignors to Molins Machine Company Limited, Deptford, London, England. Collecting mechanism for rod-shaped articles. 2,351,693; June 20.

Molins, Desmond W., and F. F. Ruau, Deptford, London, assignors to Molins Machine Company Limited, London, England. Receptacle. 2,351,867; June 20.

Molins, Desmond W., and F. F. Ruau, Deptford, London, assignors to Molins Machine Company, Limited, London, England. Collecting mechanism. 2,354,040; July 18.

Molins, Desmond W., F. F. Ruau, and A. Bingham, assignors to Molins Machine Company, Limited, Deptford, London, England. Continuous cigarette and like rod forming apparatus. 2,360,703; Oct. 17.

Molins Machine Company, Limited. (See Hall, Charles T., assignor.)

Molines Machine Company Limited. (See Harris, R. W., and Dearsley, assignors.)

Molins Machine Company, Limited. (See Jackson, Donald R. P., assignor.)

Molins Machine Company, Limited. (See Langrish, Henry W., assignor.)

Molins Machine Company Limited. (See Molins, D. W., and Best, assignors.)

Molins Machine Company, Limited. (See Molins, D. W., Best, and Powell, assignors.)

Molins Machine Company Limited. (See Molins, D. W., and Ruau, assignors.)

Molins Machine Company, Limited. (See Molins, D. W., Ruau, and Bingham, assignors.)

Molins Machine Company Limited. (See Molins, D. W., Ruau, and Chown, assignors.)

Molins Machine Company Limited. (See Pembroke, George F., assignor.)

Molins Machine Company, Limited. (See Ruau, Felix F., assignor.)

Molins Machine Company Limited. (See Ruau, F. F., and Baldwin, assignors.)

Molique, Lawrence G. (See Guyer, J. A., Molique, and Helmers.)

Molique, Lawrence G., Bartlesville, Okla., assignor to Phillips Petroleum Company. Hydrocarbon conversion process. 2,365,426; Dec. 19.

Moll, Oswin C., Manhasset, N. Y. Outlet or junction box. 2,357,754; Sept. 5.

Moll, Oswin C., Manhasset, N. Y. Conduit fitting. 2,357,755; Sept. 5.

Moller, Kasper F., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Tool guard. 2,351,143; June 13.

Möller, Waldemar, Berlin-Zehlendorf, and A. Kronenberger, Berlin-Halensee, Germany; vested in the Alien Property Custodian. Automatic steering device. 2,341,644; Feb. 15.

Mollner, Edward R., Van Nuys, J. A. Weber, La Canada, and J. T. Brennan, Van Nuys, Calif. Food product and making the same. 2,358,086; Sept. 12.

Molloy, Richard C., Glastonbury, assignor to United Aircraft Corporation, East Hartford, Conn. Shock wave air brake. 2,357,680; Sept. 5.

Molly, Hans, Berlin-Tempelhof, Germany; vested in the Alien Property Custodian. Adjustable stroke pump. 2,353,745; July 18.

Molly, Hans, Berlin-Tempelhof, Germany; vested in the Alien Property Custodian. Axial piston pump. 2,353,917; July 18.

Molly, Hans, Berlin-Tempelhof, Germany; vested in the Alien Property Custodian. Making hydraulically operating gears or transmitting devices. 2,361,046; Oct. 24.

Molnar, Charles L., assignor to Chicago Flexible Shaft Company, Chicago, Ill. Apparatus for making comb units and the like. 2,352,855; July 4.

Molnar, Imre, Chicago, Ill., assignor to Automatic Electric Laboratories, Inc. Telephone system. 2,361,313; Oct. 24.

Molnar, Imre, Chicago, Ill., assignor to Automatic Electric Laboratories, Inc. Telephone system. 2,361,314; Oct. 24.

Molod, Hyman, New York, N. Y. Poultry dipping system. 2,339,505; Jan. 18.

Moloney, Raymond T. (See Nicholson, Ralph A., assignor.)

Monack, Albert J., New York, N. Y., assignor to Radio Corporation of America. Sealing glass to iron. 2,345,278; Mar. 28.

Monaco, Antonio, Maspeth, Long Island, N. Y. Knife. 2,356,872; Aug. 29.

Monaco, George C., Douglaston Hills, N. Y. Stacking machine. 2,358,413; Sept. 19.

Monahan, John C., Royal Oak, assignor to Gar Wood Industries, Inc., Detroit, Mich. Gear pump. 2,344,628; Mar. 21.

Monarch Governor Company. (See Sarnes, Lowell F., assignor.)

Monarch Machine and Tool Company, The. (See Wintermute, G. J., and Bench, assignors.)

Monarch Marking System Company. (See Kohnle, F., and Turner, assignors.)

Monarch Mills. (See Hook, Ray W., assignor.)

Monarch Tool & Machinery Co. (See Clark, W. F., and Jelinek, assignors.)

Moncrieff, Ray A., Newton Center, assignor to Charles T. Main, Inc., Boston, Mass. Ship building basin. 2,345,354; Mar. 28.

Moncrieff, Robert W. (See Dreyfus, H., Moncrieff, and Bates.)

Moncrieff, Robert W. (See Dreyfus, H., Moncrieff, and Sammons.)

Moncrieff, Veon I., West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Cylinder attaching means. 2,353,779; July 18.

Mondolfo, Lucio F., Chicago, Ill. Removal of silicon from aluminum and aluminum alloys. 2,362,147; Nov. 7.

Money-Meters, Inc. (See Gordon, Alexander M., assignor.)

Monfils, Napoleon A. (See Eich, F. A., and Monfils.)

Mongan, Charles E., Jr., assignor to Hartford-Empire Company, Hartford, Conn. Method of and apparatus for tempering hollow glass articles. 2,365,138; Dec. 12.

Monier, Jean B., Montreal, Quebec, Canada. Gelatin derivatives and making same. 2,363,892; Nov. 28.

Monier, Jean B., Montreal, Quebec, Canada. Modified phenol-aldehyde resinous materials and making same. 2,363,893; Nov. 28.

Monier, Marius A., Grillon, by Valreas, France; vested in the Alien Property Custodian. Hydraulic press. 2,350,795; June 6.

Monitor Heat Exchange Corporation. (See Arvins, N. A., and Arvintz, assignors.)

Monitor Process Corporation. (See Hopwood, John A., assignor.)

Monk, Newton. (See Green, E. L., and Monk.)

Monk, Reginald H., Montreal, Quebec, Canada, assignor to American Zinc, Lead & Smelting Company, St. Louis, Mo. Preparation of TiO_2. 2,353,618; July 18.

Monnet, Georges, Washington, D. C., assignor to Guardian Merchandising Corporation, Montreal, Quebec, Canada. Safety razor. 2,356,173; Aug. 22.

Monnot, Edward L., assignor to The Weber Dental Manufacturing Company, Canton, Ohio. Two-way clamp lock for dental chair backs and the like. 2,341,465; Feb. 8.

Monohan, Edward S. (See Kiefer, C. J., and Monohan.)

Monowatt Electric Corporation. (See Benander, George B., assignor.)

Monroe Auto Equipment Company. (See Boor, Arthur, assignor.)

Monroe Auto Equipment Company. (See Hildenbrand, Kenneth W., assignor.)

Monroe Auto Equipment Company. (See Read, C. E., Nickelsen, and Boor, assignors.)

Monroe Auto Equipment Company. (See Whisler, Ralph H., Jr., assignor.)

Monroe Auto Equipment Company. (See Whisler, R. H., Jr., Read, Nickelsen, and Boor, assignors.)

Monroe Calculating Machine Company. (See Britten, Edwin F., Jr., assignor.)

Monroe Calculating Machine Company. (See Chase, George C., assignor.)

Monroe Calculating Machine Company. (See Crosman Loring P., assignor.)

Monroe Calculating Machine Company. (See Enders, Hugo E., assignor.)

Monroe Calculating Machine Company. (See Hilder, Stuart, assignor.)

Monroe Camera Corporation. (See Monroe, Spencer F., assignor.)

Monroe, Charles Z., Detroit, Mich., assignor to The American Paper Bottle Company, Toledo, Ohio. Liquid measuring and dispensing apparatus. 2,356,420; Aug. 22.

Monroe, Charles Z., Detroit, Mich., assignor to The American Paper Bottle Company, Toledo, Ohio. Container fabricating machine. 2,357,535; Sept. 5.

Monroe, Charles Z., Detroit, Mich., assignor to The American Paper Bottle Company, Toledo, Ohio. Container. 2,360,439; Oct. 17.

Monroe, Charles Z., Detroit, Mich., assignor to The American Paper Bottle Company, Toledo, Ohio. Article handling mechanism. 2,364,868; Dec. 12.

Monroe, Charles Z., Detroit, Mich., assignor to Sealdsweet Sales Association, Tampa, Fla. Fruit juice machine. 2,365,832; Dec. 26.

Monroe, Ezra. (See Berhenke, L. F., Monroe, and Britton.)

Monroe, George S. (See Ipatieff, V. N., and Monroe.)

Monroe, Horace, Scipio, Utah. Ear tag for animals. 2,364,463; Dec. 5.

Monroe, John W., Ottumwa, Iowa. Heating system. 2,359,048; Sept. 26.

Monro, Randolph. (See Battley, J. F., Burger, and Monro.)

Monro, Randolph, Mountain, Md. Noncombatant gas mask. 2,341,566; Feb. 15.

Monroe, Rollo O. (See Goff, L. D., and Monroe.)

Monroe, Spencer F., assignor to Monroe Camera Corporation, Chicago, Ill. Photographic apparatus. 2,347,749; May 2.

Mons, Elwood R. (See Wigglesworth, A. W., and Mons.)

Monsanto Chemical Company. (See Aelony, David, assignor.)

Monsanto Chemical Company. (See Bacon, Frederick S., assignor.)

Monsanto Chemical Company. (See Beaver, David J., assignor.)

Monsanto Chemical Company. (See Blake, Edward S., assignor.)

Monsanto Chemical Company. (See Cooper, Robert H., assignor.)

Monsanto Chemical Company. (See Craver, John K., assignor.)

Monsanto Chemical Company. (See Durgin, C. B., Foster, and Booth, assignors.)

Monsanto Chemical Company. (See Dyer, Colver P., assignor.)

Monsanto Chemical Company. (See Emerson, William S., assignor.)

Monsanto Chemical Company. (See Foster, Robert N., assignor.)

Monsanto Chemical Company. (See Gluesenkamp, Earl W., assignor.)

Monsanto Chemical Company. (See Gluesenkamp, E. W., and Kosmin, assignors.)

Monsanto Chemical Company. (See Harman, Marion W., assignor.)

Monsanto Chemical Company. (See Hayes, Ralph F., assignor.)

Monsanto Chemical Company. (See Jenkins, Russell L., assignor.)

Monsanto Chemical Company. (See Kosmin, Milton, assignor.)

Monsanto Chemical Company. (See Kosolapoff, Gennady M., assignor.)

Monsanto Chemical Company. (See Kyrides, Lucas P., assignor.)

Monsanto Chemical Company. (See Marshall, Alfred L., assignor.)

Monsanto Chemical Company. (See Marshall, Morris D., assignor.)

Monsanto Chemical Company. (See Miles, Francis T., assignor.)

Monsanto Chemical Company. (See Morrill, H. L., and Fleming, assignors.)

Monsanto Chemical Company. (See Moss, H. V., and Schilb, assignors.)

Monsanto Chemical Company. (See Nason, Howard K., assignor.)

Monsanto Chemical Company. (See Renoll, Mary W., assignor.)

Monsanto Chemical Company. (See Sargent, Neil A., assignor.)

Monsanto Chemical Company. (See Schilb, Theodore W., assignor.)

Monsanto Chemical Company. (See Sibley, Robert L., assignor.)

Monsanto Chemical Company. (See Swisher, Robert D., assignor.)

Monsanto Chemical Company. (See Taylor, G. E., and Erdman, assignors.)

Monsanto Chemical Company. (See Thomas, Charles A., assignor.)

Monsanto Chemical Company. (See Thomas, C. A., and Luce, assignors.)
Monsanto Chemical Company. (See Watt, Lynn A., assignor.)
Monsanto Chemical Company. (See Welch, William E., assignor.)
Monsanto Chemical Company. (See Weyl, Woldemar A., assignor.)
Monsarrat, Boris, assignor to Cosmos Imperial Mills Limited, Hamilton, Ontario, Canada. Method and composition for treating yarns and fabrics. 2,341,735; Feb. 15.
Monsarrat, Nicholas. (See Beede, H. G., and Monsarrat.)
Monson, Walter T., Newark, N. J., assignor to The American Metal Company, Limited, New York, N. Y. Removal of zinc from lead. 2,344,629; Mar. 21.
Montagne, Stephen F., Oswego, assignor to Berst-Forster-Dixfield Company, New York, N. Y. Forming wooden spoons from blanks. 2,346,039; Apr. 4.
Montagne, Stephen F., Oswego, assignor to Berst-Forster-Dixfield Company, New York, N. Y. Wooden spoon and making the same. 2,346,040; Apr. 4.
Montclair Research Corporation. (See Rust, John B., assignor.)
Monteith, Alexander C. (See Evans, R. D., Marbury, . and Monteith.)
Monteith, Alexander C. (See Evans, R. D., and Monteith.)
Monteith, Alexander C., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical generating station. 2,361,229; Oct. 24.
Montelius, Carl O. J., Stockholm, Sweden. Pump. 2,361,146; Oct. 24.
Montgomery Brothers. (See Edmunds, Earl J., assignor.)
Montgomery, Donald H., West Hartford, assignor to The New Britain Machine Company, New Britain, Conn. Heat treating. 2,363,741; Nov. 28.
Montgomery, Donald H., West Hartford, and L. R. Kirk, Bristol, assignors to The New Britain Machine Company, New Britain, Conn. Grinder. 2,364,804; Dec. 12.
Montgomery, F. Dorsey. (See Spalding, Kenneth F., assignor.)
Montgomery, H. A., Company, The. (See Nill, Edward A., assignor.)
Montgomery, Harley A., Highland Park, Mich. Drawing wire. 2,357,342; Sept. 5.
Montgomery, James V. (See Evans, R. D., and Montgomery.)
Montgomery, James V. (See Goodson, L. B., Montgomery, and Henry.)
Montgomery, Leland V., assignor to Hays Manufacturing Company, Erie, Pa. Protective sleeve. 2,344,893; Mar. 21.
Montgomery, James V., Okmulgee, Okla., L. B. Goodson, Borger, Tex., and R. W. Henry, Bartlesville, Okla., assignors to Phillips Petroleum Company. Refining mineral oils. 2,356,777; Aug. 29.
Montgomery, Terryl B. (See Pfau, A., and Montgomery.)
Montgomery, Terryl B., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Control system. 2,363,684; Nov. 28.
Montgomery, Terryl B., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Motor control system. 2,366,148; Dec. 26.
Montgomery, Wiley P., Washington, D. C., assignor to United Aircraft Corporation. Compression testing device for thin materials. 2,350,060; May 30.
Montgomery, William A., Burlington, N. J., assignor to United States Pipe and Foundry Company. Method and apparatus for grinding molds. 2,346,861; Apr. 18.
Moody, Dwight L., Morristown, N. D. Newby, Leonia, and F. F. Shipley, Tenafly, N. J., assignors to American Telephone and Telegraph Company. Telephone system Re. 22,462; Mar. 28.
Moody, J. Martin, Arlington, Va. Chamfering device. 2,358,241; Sept. 12.
Moody, John L. (See Friden, C. M., and Moody.)
Moody, John L., Oakland, Calif., assignor to Friden Calculating Machine Co., Inc. Calculating machine. 2,343,241; Mar. 7.
Moody, John L., Oakland, Calif., assignor to Friden Calculating Machine Co., Inc. Calculating machine. 2,359,961; Oct. 3.
Moody, John L., Oakland, Calif., assignor to Friden Calculating Machine Co., Inc. Calculating machine. 2,360,704; Oct. 17.
Moomaw, Lewis H., Wilmette, Ill., and H. Bernzott, assignors to The Bell & Howell Company, Chicago, Ill. Strip feed mechanism. 2,350,693; June 6.
Moon, Charles A., Caracas, Venezuela, assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Geophysical prospecting. 2,349,366; May 23.
Mooney, Blaise B. (See Ashley, C. M., and Mooney.)
Mooney, John H., Nellis, W. Va. Firebox and grate. 2,339,606; Jan. 18.
Moore, Allen S., Lebanon, Pa., assignor to Bethlehem Steel Company. Apparatus for galvanizing rods. 2,357,420; Sept. 5.
Moore, Ben W., deceased, by M. C. Moore, administratrix, Oakland, Calif. Apparatus for welding seam of metal drums. 2,340,679; Feb. 1.
Moore, Charles H., West Chester, assignor to Lenape Hydraulic Pressing & Forging Co., Lenape, Pa. Method and apparatus for the production of cylindrical metal articles. 2,348,179; May 2.
Moore, Charles R. (See Goff, H. W., Moore, and Walter.)
Moore, Chester C. (See Kendall, M. A., and Moore.)
Moore, Clifton E., Grand Rapids, Mich. Apparatus and process for sterilizing and destroying epithelial tissues. 2,355,231; Aug. 8.
Moore, Coleman B. (See Ullman, R., and Moore.)
Moore, Coleman B., Carroll Park, assignor to The Brown Instrument Company, Philadelphia, Pa. Power set flowmeter. 2,341,736; Feb. 15.
Moore, Coleman B., Carroll Park, assignor to The Brown Instrument Company, Philadelphia, Pa. Air control instrument. 2,358,242; Sept. 12.
Moore, Coleman B., Carroll Park, assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring instrument. 2,358,243; Sept. 12.
Moore, Coleman B., Carroll Park, assignor to The Brown Instrument Company, Philadelphia, Pa. Temperature measuring instrument. 2,359,141; Sept. 26.
Moore, Coleman B., Carroll Park, assignor to Moore Products Co., Philadelphia, Pa. Pneumatic transmission system. 2,359,236; Sept. 26.
Moore, Coleman B., Carroll Park, assignor to Moore Products Co., Philadelphia, Pa. Pneumatic comparator gauge. 2,360,705; Oct. 17.
Moore, Daniel G., Brooklyn, assignor to W. B. Kapper, New York, N. Y. Motion-picture projector. 2,362,019; Nov. 7.
Moore, David P., Avon Park, Fla., assignor to X-L Chemicals, Incorporated. Rubber compounds. 2,341,055; Feb. 8.
Moore, Earl E., Gary, Ind. Manufacturing billets. 2,345,412; Mar. 28.
Moore, Edmond E., Waukegan, Ill., assignor to Abbott Laboratories. Solubilising sulphathiazole and sulphadiazine. 2,342,957; Feb. 29.
Moore, Edward B., assignor to Schuler Engineering Company, Newark, Ohio. Reversible hand operated windlass. 2,363,138; Nov. 21.
Moore, Elvis E., Oklahoma City, Okla. Straight hole device. 2,341,228; Feb. 8.
Moore, Emmett B., Evanston, Ill. Apparatus for making beverages. 2,355,094; Aug. 8.
Moore, Francis J., Minneapolis, Minn. Roof flashing and jacket. 2,347,836; May 2.
Moore, Fred P., assignor to Eversharp, Inc., Chicago, Ill. Mechanical pencil. 2,353,177; July 11.
Moore, Frederick T., deceased, West Hartford, by Phoenix State Bank and Trust Company, administrator, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Feed mechanism for machine guns. 2,365,484; Dec. 19.
Moore, George A., New York, N. Y., assignor to Shellmar Products Company, Mount Vernon, Ohio. Container and method. 2,341,056; Feb. 8.
Moore, George A., New York, N. Y., assignor to Shellmar Products Company, Mount Vernon, Ohio. Container and manufacture. 2,342,158; Feb. 22.
Moore, George A., New York, N. Y., assignor to Shellmar Products Company, Mount Vernon, Ohio. Container and making the same. 2,353,178; July 11.
Moore, George A., New York, N. Y., assignor to Shellmar Products Company, Mount Vernon, Ohio. Packaging process. 2,353,746; July 18.
Moore, George A., New York, N. Y., assignor to Shellmar Products Company, Mount Vernon, Ohio. Container and forming same. 2,357,842; Sept. 12.
Moore, George A., New York, N. Y. Container and manufacture. 2,361,408; Oct. 31.
Moore, Hamilton K., St. Louis, Mo. Variable pitch propeller assembly. 2,355,317; Aug. 8.
Moore, Harriette. (See Jorgensen, George W., assignor.)
Moore, Harry W., Dayton, Ohio. Unreeling device. 2,362,920; Nov. 14.
Moore, Henry J., Islington, Ontario, Canada. Dehydrating tomatoes and the juices thereof. 2,363,193; Nov. 21.
Moore, Howard R., Drexel Hill, Pa. Determining the rate of drying of coatings. 2,338,129; Jan. 4.
Moore, Jack, and G. B. Killam, Denver, Colo. Battery terminal. 2,340,011; Jan. 25.
Moore, Laurence L. (See Winslow, C. A., and Moore.)
Moore, Laurence L. (See Winslow, C. A., Moore, and Nostrand.)
Moore, Lee C., & Company. (See Woolslayer, H. J., Campbell, and Jenkins, assignors.)
Moore, Leonard P. (See Barnes, R. B., and Moore.)
Moore, Lindley W., Baltimore, Md. Projectile device. 2,342,006; Feb. 15.
Moore, Lindley W., Baltimore, Md. Forest fire extinguisher. 2,349,980; May 30.
Moore, Malcolm C., assignor to Hercules Powder Company, Wilmington, Del. Textile printing paste. 2,345,879; Apr. 4.
Moore, Marjorie B., Waukegan, assignor to Abbott Laboratories, North Chicago, Ill. N-Alkamine substituted derivatives of phthalimide. 2,343,198; Feb. 29.
Moore, Myrtle C., administratrix. (See Moore, Ben W.)
Moore Pen Company, The. (See Lovejoy, Charles K., assignor.)
Moore Products Co. (See Moore, Coleman B., assignor.)
Moore, Raymond M. (See Levy, J., Moore, and Haves.)

Moore, Richard C., assignor to The Coe Manufacturing Company, Painesville, Ohio. Drying method and apparatus. 2,346,509; Apr. 11.
Moore, Robert D., assignor to J. F. Pritchard and Company, Kansas City, Mo. Fan and fan blade structure. 2,342,421; Feb. 22.
Moore, Robert E., Park Ridge, Ill. Heating system. 2,345,209; Mar. 28.
Moore, Royal T., assignor to Consolidated Packaging Machinery Corporation, Buffalo, N. Y. Forming sift-proof bag closures. 2,364,543; Dec. 5.
Moore, Sam, & Co. (See Daniels, Lee C., assignor.)
Moore, Samuel A., Los Angeles, Calif. Wood-turning tool. 2,362,711; Nov. 14.
Moore, Sewell P., Palisade, N. J., assignor to R. Heinz, New York, N. Y. Easel. 2,353,625; July 11.
Moore, Sidney A., assignor to The Prime Manufacturing Company, Milwaukee, Wis. Spanner for electrified fencing. 2,350,290; May 30.
Moore, Sidney A., assignor to The Prime Manufacturing Company, Milwaukee, Wis. Electrified fence installation. 2,364,994; Dec. 12.
Moore, Stephen A., Roanoke, Va. Projectile. 2,365,577; Dec. 19.
Moore, Thomas V., Houston, Tex., assignor to Standard Oil Development Company. Hydraulic packer. 2,342,884; Feb. 29.
Moore, Thomas V., Houston, Tex., assignor to Standard Oil Development Company. Bottom hole sampler. 2,364,464; Dec. 5.
Moore, Thomas V., and G. E. Cannon, Houston, Tex., assignors to Standard Oil Development Company. Improving oil wells. 2,345,713; Apr. 4.
Moore, Vincent T., Glen Rock, N. J., assignor to Wright Aeronautical Corporation. Cleaning means for hydraulic cells. 2,348,260; May 9.
Moore, Vincent T., Glen Rock, N. J., assignor to Wright Aeronautical Corporation. Dynamic damper. 2,352,908; July 4.
Moore, Virgil B., and S. P. Tsoneff, Los Angeles, Calif., assignors to American Marine Engineering Corporation. Water spider. 2,347,959; May 2.
Moore, Walter B., Coshocton, Ohio. Photographic enlarger. 2,344,558; Mar. 21.
Moore, Walter B., Coshocton, Ohio. Film developing rack. 2,365,485; Dec. 19.
Moore, Walter L., Ball, La. No slack chain coupler. 2,354,956; Aug. 1.
Moore, Wiley T., U. S. Army, Laverne, Okla. Grenade launcher. 2,339,285; Jan. 18.
Moore, Wiley T., U. S. Army, Laverne, Okla. Projectile. 2,345,619; Apr. 4.
Moore, Wiley T., Laverne, Okla. Fuse. 2,359,777; Oct. 10.
Moore, Wiley T. U. S. Army, Laverne, Okla. Projectile. 2,365,718; Dec. 26.
Moore, Wiley T., U. S. Army, Laverne, Okla., and R. N. Nelson, Black River Falls, Wis. Explosive bullet. 2,361,955; Nov. 7.
Moore, Wiley T., Laverne, Okla., and W. E. Thibodeau, Cleveland, Ohio. Explosive projectile. 2,364,643; Dec. 12.
Moore, William, Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Dibromdithiocyanoethane as a seed disinfectant. 2,340,137; Jan. 25.
Moore, William, Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Benzalmalononitrile as a pest-control agent. 2,347,573; Apr. 25.
Moore, William A. (See Deuchler, P. G., and Moore.)
Moore, William D., Portsmouth, Ohio. Metal arch support. 2,362,497; Nov. 14.
Moore, William D., assignor to American Cast Iron Pipe Company, Birmingham, Ala. Protective coating or lining for metal objects. 2,365,427; Dec. 19.
Moore, William E., Pittsburgh, Pa. Metallurgical apparatus. 2,355,095; Aug. 8.
Moore, William H. (See Gladfelter, W. I., and Moore.)
Moore, Willis F., assignor to Bryant Chucking Grinder Company, Springfield, Vt. Size gauge. 2,348,018; May 2.
Moore, Willis F., assignor to Bryant Chucking Grinder Company, Springfield, Vt. Thread gauge. 2,359,869; Oct. 10.
Moore, Willis F., assignor to Bryant Chucking Grinder Company, Springfield, Vt. Work gauge. 2,363,077; Nov. 21.
Moore, Windsor. (See Nelson, R. F., Moore, and Faust.)
Moorehead, French H., Riverside, Conn., and W. R. Ost, Verona, N. J., assignors to Walworth Patents Inc., Boston, Mass. High pressure joint. 2,342,422; Feb. 22.
Moorhouse, Ben, Tuckahoe, N. Y., assignor to Enjphone Inc. Apparatus for molding plywood. 2,363,431; Nov. 21.
Moorhouse, Robert W., Sharon Township, Medina County, assignor to Wingfoot Corporation, Akron, Ohio. Production of diarylenethiazyl disulfides. 2,349,599; May 23.
Moos, Paul, Neugasse, assignor to Landis & Gyr, A-G., Zug, Switzerland. Coin actuated mechanism for prepayment mechanism. 2,364,544; Dec. 5.
Moradian, Oscar. (See Janigian, Kalousd, assignor.)
Morales, José A. (See Gonsalez, V. M., and Morales.)
Moran, Francis D., Downers Grove, Ill. Composite roll. 2,342,159; Feb. 22.
Moran, John F., Brooklyn, N. Y. Hydromechanically controlled mechanism. 2,343,788; Mar. 7.
Moran, Joseph P. (See Mott, Norman S., assignor.)
Moran, Proctor, Freeman & Mueser. (See Quinn, Alonzo D., assignor.)
Moran, Robert P., West Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Camouflage structure. 2,355,008; Aug. 1.
Moran, W. J., et al., Trustee. (See Daugherty, Fount F., assignor.)
Moran, Walter G., Woodbridge, and S. S. Cole, Metuchen, N. J., assignors to National Lead Company, New York, N. Y. Clarification and purification of industrial liquors. 2,346,320; Apr. 11.
Moran, William J., Jr. (See Stein, G. A., and Moran.)
Morando, Emanuel R., New York, N. Y. Baby's carriage sleigh attachment. 2,352,966; July 4.
Morang, E. N., et al. (See Steinharter, Stanley S., assignor.)
Moraros, Michael D., Nashua, N. H. Twister tube assembly for spinning machines. 2,349,512; May 23.
Moravek, Rudolf A. (See Fourness, C. A., and Moravek.)
Moravek, Rudolf A., Neenah, Wis., assignor to Paper Patents Company. Automatic reel. 2,355,318; Aug. 8.
Moray, Virgil W., Bronx, N. Y. Method of and apparatus for bending and forming tubing, rods, wires, and the like. 2,349,828; May 30.
Morch, Anthony, Brooklyn, N. Y. Electric battery cell. 2,340,765; Feb. 1.
Morch, Anthony, Brooklyn, N. Y. Television toy. 2,362,214; Nov. 7.
Morehead, John H., Long Beach, Calif. Measuring instrument. 2,363,545; Nov. 28.
Morehouse, Eugene, Providence, R. I., assignor to B. A. Ballou & Co., Inc. Safety catch. 2,353,581; July 11.
Morehouse, Eugene M., Tujunga, Los Angeles, Calif., assignor to Adel Precision Products Corp. Temporary holding device for conduit clips. 2,338,658; Jan. 4.
Morehouse, Eugene M., Tujunga, Los Angeles, Calif., assignor to Adel Precision Products Corp. Conduit clip and supporting bracket. 2,338,659; Jan. 4.
Morehouse, Eugene M., Tujunga, Los Angeles, Calif., assignor to Adel Precision Products Corp. Conduit supporting block and bracket therefor. 2,338,660; Jan. 4.
Morehouse, Eugene M., Tujunga, Calif., assignor to Adel Precision Products Corp. Supporting clip for wires. 2,342,958; Feb. 29.
Morehouse, Eugene M., Tujunga, Calif., assignor to Adel Precision Products Corp. Wire supporting clip. 2,345,279; Mar. 28.
Morehouse, Eugene M., Tujunga, Calif., assignor to Adel Precision Products Corp. Supporting clip. 2,352,856; July 4.
Morehouse, Eugene M., Tujunga, Calif., assignor to Adel Precision Products Corp. Control valve. 2,354,960; Aug. 1.
Morehouse, Eugene M., Tujunga, Calif., assignor to Adel Precision Products Corp. Conduit supporting clip. 2,355,096; Aug. 8.
Morehouse, Eugene M., Tujunga, Calif., assignor to Adel Precision Products Corp. Conduit supporting block. 2,355,742; Aug. 15.
Morehouse, Eugene M., Tujunga, Calif., assignor to Adel Precision Products Corp. Installation tool for conduit clips. 2,359,237; Sept. 26.
Morehouse, Eugene M., Tujunga, Calif., assignor to Adel Precision Products Corp. Wire supporting clip. 2,366,041; Dec. 26.
Morehouse, Silas A., Glendale, Calif. Oxygen mask. 2,344,718; Mar. 21.
Moreland, Robert E., Houston, Tex. Combination stool and carrier. 2,359,870; Oct. 10.
Moreland, Stephen T., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Closure and applicator rod assembly. 2,344,471; Mar. 14.
Moreland, William J., Jr. (See Warmey, B. A., and Moreland.)
Morell, Edith, administratrix. (See Morell, L., and Knutson.)
Morell, Le Grand, deceased, by E. Morell, administratrix, and A. T. Knutson, assignors to The Dow Chemical Company, Midland, Mich. Lubricating composition. 2,355,173; Aug. 8.
Morelli, Raffaele, Brooklyn, N. Y. Adjustable razor. 2,342,291; Feb. 22.
Moremen, Marcus L., Jacksonville, Fla., assignor of one-tenth to J. M. Mason, Washington, D. C. Automatic overlead gun sight. 2,365,144; Dec. 12.
Moren, William V. (See Peterson, C. H., and Moren.)
Morey, Donald R. (See McNally, J. G., and Morey.)
Morey, Glen H., Terre Haute, Ind., assignor to Phillips Petroleum Company. Chromium oxide catalysts. 2,339,349; Jan. 18.
Morey, Glen H., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Acetonyl thioethers. 2,363,462; Nov. 21.
Morey, Leonard, Salem Center, N. Y. Remote control steering and propulsion mechanism. 2,364,233; Dec. 5
Morey Machinery Co. (See Casella, Secondo L., assignor.)
Morey Machinery Co. (See Shields, Frank S., assignor.)
Morey, Richard M., assignor to W. C. Ritchie and Company, Chicago, Ill. Stick receptacle. 2,354,136; July 18.

Morey, Richard M., assignor to W. C. Ritchie and Company, Chicago, Ill. Receptacle. 2,361,047; Oct. 24.
Morford, L. O. (See Crawford, James J., assignor.)
Morgan, Charles K., assignor to Lane-Wells Company, Los Angeles, Calif. Liner hanger. 2,362,766; Nov. 14.
Morgan Construction Company. (See Crosby, Fred B., assignor.)
Morgan Construction Company. (See Kneass, Strickland, Jr., assignor.)
Morgan Construction Company. (See Morgan, Myles, assignor.)
Morgan Construction Company. (See Morgan, Weld, assignor.)
Morgan Construction Company. (See O'Malley, Joseph M., assignor.)
Morgan Construction Company. (See O'Malley, J. M., and Fay, assignors.)
Morgan Construction Company. (See Young, Richard W., assignor.)
Morgan Construction Company. (See Young, R. W., and Fay, assignors.)
Morgan Crucible Company, Limited, The. (See Miller, Leslie W., assignor.)
Morgan, Earl B., and J. F. Woods, Los Angeles, Calif.; said Woods assignor to said Morgan. Hydraulic brake control system. 2,345,280; Mar. 28.
Morgan Engineering Company. (See Hively, Ossian, assignor.)
Morgan, Everett K. (See Gallimore, K. F., and Morgan.)
Morgan, Frank M., Glen Ellyn, and L. C. McKay, assignors to Sears, Roebuck and Co., Chicago, Ill. Velocipede. 2,338,730; Jan. 11.
Morgan, Frank M., Glen Ellyn, and S. Wallace, assignors to Sears, Roebuck and Co., Chicago, Ill. Photographic tank. 2,344,998; Mar. 28.
Morgan, Fred A. (See West, C. A., and Morgan.)
Morgan, Guy J., Poland, Ohio. Heating open-hearth furnace charges. 2,362,085; Nov. 7.
Morgan, Harry W., Wilmington, Del., assignor to Triumph Explosives, Inc., Elkton, Md. Loading apparatus. 2,350,181; May 30.
Morgan, James J., Hampden, assignor to General Fibre Box Company, West Springfield, Mass. Receptacle. 2,352,994; July 4.
Morgan, John D., South Orange, N. J., assignor to Cities Service Oil Company, New York, N. Y. Solvent composition and cleaning lubricated apparatus. 2,339,096; Jan. 11.
Morgan, John D., South Orange, assignor to Cities Service Oil Company, Hillside, N. J. Lubricating oil. 2,340,073; Jan. 25.
Morgan, John D., South Orange, N. J., assignor to Cities Service Oil Company, New York, N. Y. Lubricant. 2,351,280; June 13.
Morgan, John D., South Orange, N. J., assignor to Cities Service Oil Company, New York, N. Y. Lubricant. 2,354,171; July 18.
Morgan, John D., South Orange, N. J., assignor to Cities Service Oil Company, New York, N. Y. Low temperature lubricants. 2,355,993; Aug. 15.
Morgan, John D., South Orange, N. J., assignor to Cities Service Oil Company, New York, N. Y. Lubricants. 2,362,767; Nov. 14.
Morgan, John D., South Orange, N. J., assignor to Cities Service Oil Company, New York, N. Y. Lubricants. 2,366,042; Dec. 26.
Morgan, John D., South Orange, and T. Anderson, Elizabeth, N. J., assignors, by mesne assignments, to Cities Service Oil Company, New York, N. Y. Grease dispensing apparatus. 2,343,154; Feb. 29.
Morgan, John D., South Orange, and E. C. Lang, East Orange, N. J., assignors to Cities Service Oil Company, New York, N. Y. High power neon timing lamp. 2,344,518; Mar. 21.
Morgan, John D., South Orange, and R. E. Lowe, East Orange, N. J., assignors to Cities Service Oil Company, New York, N. Y. Water-soluble cutting compound and manufacture. 2,355,994; Aug. 15.
Morgan, John D., South Orange, and R. E. Lowe, East Orange, N. J., assignors to Cities Service Oil Company, New York, N. Y. Water-soluble cutting composition. 2,355,995; Aug. 15.
Morgan, John D., South Orange, and R. E. Lowe, East Orange, N. J. Pickling solvent. 2,360,509; Oct. 17.
Morgan, John D., South Orange, and R. E. Lowe, East Orange, N. J., assignors to Cities Service Oil Company, New York, N. Y. Gasoline insoluble lubricant. 2,363,984; Nov. 28.
Morgan, Leslie B. (See Lewis, J. R., and Morgan, L. B. and W. M., assignors.)
Morgan, Leslie B. (See Lewis, J. R., Morgan, and Watts.)
Morgan, Mathew B., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Differential wheel assembly. 2,357,343; Sept. 5.
Morgan, Maurice J., Charlotte, N. C. Power transmission unit. 2,349,744; May 23.
Morgan, Maurice W., Goose Creek, Tex., assignor to Standard Oil Development Company. Refining mineral oils with clay. 2,351,445; June 13.
Morgan, Milton F., Shaker Heights, Ohio. Vibrating mill. 2,365,897; Dec. 26.
Morgan, Milton F., Shaker Heights, assignor to Republic Steel Corporation, Cleveland, Ohio. Sintering machine. 2,364,886; Dec. 5.
Morgan, Myles, assignor to Morgan Construction Company, Worcester, Mass. Shear. 2,351,868; June 20.
Morgan, Porter S., Westport, Conn. Liquid measuring pump. 2,340,975; Feb. 8.
Morgan, Porter S., Westport, Conn., assignor to American Brake Shoe Company. Gas and liquid pumping and separating apparatus. 2,350,061; May 30.
Morgan, Porter S., Weston, assignor to The Capewell Manufacturing Company, Hartford, Conn. Coupling. 2,351,996; June 20.
Morgan, Ralph H. (See Drexler, C., and Morgan.)
Morgan, Richard W. (See McLoughlin, H. F., Hill, Morgan, and Wintle.)
Morgan, Shirley L. (See Pedersen, C. M., and Morgan.)
Morgan, Stanley O. (See Biggs, B. S., Morgan, and White.)
Morgan, Weld, assignor to Morgan Construction Company, Worcester, Mass. Wire drawing block. 2,346,447; Apr. 11.
Morgan, Weld, assignor to Morgan Construction Company, Worcester, Mass. Wire-drawing machine. 2,349,104; May 16.
Morgan, Willard L. (See Walsh, J. F., Kinzinger, and Morgan.)
Morgan, Willard L., Edgewood, R. I., assignor to Arnold, Hoffman & Co. Incorporated. Printing textiles. 2,342,885; Feb. 29.
Morgan, Willard L., Edgewood, and E. D. McLeod, Rumford, R. I., assignors to Arnold, Hoffman & Co. Incorporated. Alkali salts of fatty carbamino compounds. 2,344,259; Mar. 14.
Morgan, Willard L., Edgewood, and E. D. McLeod, Rumford, R. I., assignors to Arnold, Hoffman & Co. Incorporated. Alkali salts of fatty amino compounds. 2,344,260; Mar. 14.
Morgan, Willard L., Edgewood, and N. L. Vaughn, Providence, R. I., assignors to Arnold, Hoffman & Co. Incorporated. Printing textiles with pigments. 2,346,041 Apr. 4.
Morgan, Willard L., Columbus, Ohio, and E. D. McLeod, Rumford, R. I., assignors to Arnold, Hoffman & Co., Incorporated. Moth repelling product. 2,362,768; Nov. 14.
Morgan, William M. (See Lewis, J. R., and Morgan, L. B. and W. M., assignors.)
Morgan, William S. (See Bletso, B. N., Hood, and Morgan.)
Morgenroth, Frank C., Glendale, Calif. Pouring carton. 2,343,857; Mar. 7.
Morgensen, Martin C., et al. (See Fanger, H. J., and Gruenhagen, assignors.)
Morgenstern, Felix, Tel Aviv, Palestine. Internal combustion engine. 2,342,515; Feb. 22.
Morgenthaler, Frederick W. (See Hanson, G. N., Morgenthaler, and Roeder.)
Morheat Corporation. (See Renz, Alfred F., assignor.)
Moriarty, Francis C., assignor to Universal Oil Products Company, Chicago, Ill. Removing fluorine from hydrocarbon distillates. 2,341,567; Feb. 15.
Moriarty, Francis C., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,348,745; May 16.
Morin, Edward G. (See Smith, B. I., and Morin.)
Morin, Louis H. (See Marinsky, Davis, assignor.)
Morin, Louis H. (See Marinsky, D., and Morin.)
Morin, Louis H., assignor of one-half to D. Marinsky, Bronx, N. Y. Pull chain automatic lock slider. 2,339,350; Jan. 18.
Morin, Louis H., assignor of one-half to D. Marinsky, Bronx, N. Y. Hydraulic trimming attachment. 2,343,073; Feb. 29.
Morin, Louis H., assignor of one-half to D. Marinsky, Bronx, N. Y. Shuttle slider. 2,344,049; Mar. 14.
Morin, Louis H., assignor or one-half to D. Marinsky, Bronx, N. Y. Contour separable fastener. 2,345,880; Apr. 4.
Morin, Louis H., assignor of one-half to D. Marinsky, Bronx, N. Y. Mortise joint separable fastener. 2,347,428; Apr. 25.
Morin, Louis H., assignor of one-half to D. Marinsky, Bronx, N. Y. Offset double-acting scoop. 2,355,996; Aug. 15.
Morin, Louis H., Bronx, assignor of one-half to D. Marinsky, Bronx, N. Y. Casting chain and the like. 2,363,801; Nov. 28.
Morin, Louis H., assignor of one-half to D. Marinsky, Bronx, N. Y. Tandem slider units. 2,365,578; Dec. 19.
Morioka, Isao, Tokyo, Japan; vested in the Alien Property Custodian. Plastically reproducing objects. 2,350,796; June 6.
Morissette, Napoleon, Haileybury, Ontario, Canada. Rock drilling apparatus. 2,342,292; Feb. 22.
Moritz, Adrian J. L., Enka, A. L. Jackson, and G. I. Thurmond, Asheville, assignors to American Enka Corporation, Enka, N. C. Manufacture of rayon. 2,346,696; Apr. 18.
Mork, George W., assignor to Bucyrus Erie Company, South Milwaukee, Wis. Tractor propelled implement. 2,345,620; Apr. 4.
Mork, George W., assignor to Bucyrus Erie Company, South Milwaukee, Wis. Winch. 2,359,778; Oct. 10.

Morkoski, James, Canton, Ill., assignor to International Harvester Company. Agricultural implement. 2,341,802; Feb. 15.
Morkoski, James, Canton, Ill., assignor to International Harvester Company. Cushion spring hitch for plows. 2,362,712; Nov. 14.
Morland, Preben, Gentofte, and J. A. Smith, Copenhagen, Denmark; vested in the Alien Property Custodian. Producing electric impulses. 2,350,797; June 6.
Morley, Herbert F., and R. E. Gearhart, Kansas City, Mo. Speed and braking distance indicator. 2,340,403; Feb. 1.
Mörner, Hans G., New York, N. Y. Lifesaving suit. 2,351,777; June 20.
Mörner, Hans G., New York, N. Y. Closure. 2,355,816; Aug. 15.
Morner, Hans G., New York, N. Y. Lifesaving suit. 2,361,786; Oct. 31.
Moroney, Laurence F., Moonee Ponds, near Melbourne, Victoria, Australia. Braking and locking mechanism. 2,339,232; Jan. 11.
Moroney, Lanrence F., Moonee Ponds, near Melbourne, Victoria, Australia. Mounting and regulating mechanism of sliding window. 2,347,750; May 2.
Morone, Laurence, Lodi, Calif. Juice separator. 2,360,964; Oct. 24
Morreale, Philip, Brooklyn, N. Y. Feeding device. 2,362,215; Nov. 7.
Morreall, Herbert W., Jr. (See Duerr, H. H., Morreall, and Harsh.)
Morrell, Charles E., Roselle, N. J., assignor to Standard Oil Development Company. Two-stage alkylation process. 2,355,460; Aug. 8.
Morrell, Jacque C. (See Grosse, A. B., and Morrell.)
Morrell, Jacque C., Oak Park, Ill. Hairpin dispenser. 2,340,894; Feb. 8.
Morrell, Jacque C., Chevy Chase, Md. Container and making the same. 2,364,234; Dec. 5.
Morrell, Jacque C., assignor to Universal Oil Products Company, Chicago, Ill. Stabilization of gasoline and the like. 2,354,873; Aug. 1.
Morrill, Alfred R., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Shoe machine. 2,342,683; Feb. 29.
Morrill, Alfred R., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe machine. 2,359,662; Oct. 3.
Morrill, Alfred R., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe machine. 2,359,663; Oct. 3.
Morrill, Alfred R., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe machine. 2,359,664; Oct. 3.
Morrill, Alfred R., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe machine. 2,359,665; Oct. 3.
Morrill, Alfred R., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe machine. 2,359,729; Oct. 3.
Morrill, Frank B., assignor to The James Hunter Machine Company, North Adams, Mass. Apron drier. 2,346,138; Apr. 11.
Morrill, Henry L., Clayton, and J. D. Fleming, assignors to Monsanto Chemical Company, St. Louis, Mo. Incorporating polychlorophenols in fiberboard. 2,365,833; Dec. 26.
Morrill, Wayne J., Fort Wayne, Ind., assignor to General Electric Company. Dynamoelectric machine drive. 2,351,997; June 20.
Morris, Alan, Nichols, assignor to Bridgeport Brass Company, Bridgeport, Conn. Manufacture of copper base alloy products. 2,365,208; Dec. 19.
Morris, Arthur, et al. (See Newell, Harold V., assignor.)
Morris, Bruce, Calgary, Alberta, Canada. Lubricating oil reclaimer. 2,346,042; Apr. 4.
Morris, Cedric W. M., Hamilton, Ontario, Canada. Signal lamp. 2,341,189; Feb. 8.
Morris, Charles E., Dallas, Tex. Prefabricated stack sections. 2,342,058; Feb. 15.
Morris, Charles E. (See Trees, H., and Morris.)
Morris, Claremont R., New York, N. Y. Identification device. 2,349,745; May 23.
Morris, Claremont R., New York, N. Y. Match device. 2,350,798; June 6.
Morris, Claremont R., New York, N. Y. Portable article. 2,350,799; June 6.
Morris, Claremont R., New York, N. Y., Button. 2,352,731; July 4.
Morris, Edward M., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Measuring instrument. 2,365,353; Dec. 19.
Morris, Edwin L. (See Gillet, W. Morris, and Ahlstrand.)
Morris, Frank E., and H. Wagner, Philadelphia, Pa., assignors, by mesne assignments, to Scott & Williams, Incorporated, New York, N. Y. Elastic top stocking. 2,349,740; May 23.
Morris, George O. (See Pratt, H. R. C., and Morris.)
Morris, Harry P., Coronado, Calif. Set torque wrench. 2,365,486; Dec. 19.
Morris, Howard I., assignor of one-third to C. M. Yoder and one-third to H. O. Yoder, Lakewood, Ohio. Apparatus for rectifying electric current. 2,339,794; Jan. 25.
Morris, Howard I., assignor of one-third to C. M. Yoder and one-third to H. O. Yoder, Lakewood, Ohio. Welding apparatus. 2,339,795; Jan. 25.
Morris, John R. (See McCleary, R. F., and Morris.)
Morris, Kenneth G., Westfield, N. J., assignor to Standard Oil Development Company. Improving quality of oxidized asphalts. 2,343,789; Mar. 7.
Morris, Layne H., Honesdale, Pa., assignor to The Lummus Company, New York, N. Y. Heat exchanger. 2,340,138; Jan. 25.
Morris, Lloyd C. (See Schulze, W. A., and Morris.)
Morris, Louis C., Los Angeles, assignor to Payne Furnace & Supply Company, Inc., Beverly Hills, Calif. Draft hood. 2,353,179; July 11.
Morris, Louis C., Los Angeles, assignor to Payne Furnace & Supply Company, Inc., Beverly Hills, Calif. Fluid regulator. 2,358,819; Sept. 26.
Morris, Lynn B. (See Weber, J. R., and Morris.)
Morris Motors Limited. (See Dono, G. E., and Goddard, assignors.)
Morris Motors Limited. (See Issigonis, Alexander A., assignor.)
Morris Paper Mills. (See Arneson, Edwin L., assignor.)
Morris Paper Mills. (See Crane, Walton B., assignor.)
Morris Paper Mills. (See Glibert, Clyde L., assignor.)
Morris Paper Mills. (See Powell, Henry K., assignor.)
Morris, Robert H., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic tone correction mask. 2,338,661; Jan. 4.
Morris, Rupert C. (See Evans, T. W., and Morris.)
Morris, Rupert C. (See Evans, T. W., Morris, and Shokal.)
Morris, Rupert C., Berkeley, and E. C. Shokal, Oakland, Calif., assignors to Shell Development Company, San Francisco, Calif. Stabilization of halobutenes. 2,355,319; Aug. 8.
Morris, Rupert C., Berkeley, and T. W. Evans, Oakland, assignors to Shell Development Company, San Francisco, Calif. Solvent extraction process. 2,357,344; Sept. 5.
Morris, Rupert C., Berkeley, and E. C. Shokal, Oakland, assignors to Shell Development Company, San Francisco, Calif. Solvent extraction process. 2,360,860; Oct. 24.
Morris, Rupert C., Berkeley, and E. C. Shokal, Oakland, assignors to Shell Development Company, San Francisco, Calif. Solvent extraction process. 2,360,862; Oct. 24.
Morris, Rupert C., Berkeley, and E. C. Shokal, Oakland, assignors to Shell Development Company, San Francisco, Calif. Stabilization of halobutenes. 2,364,587; Dec. 5.
Morris, Rupert C., Berkeley, and E. C. Shokal, Oakland, assignors to Shell Development Company, San Francisco, Calif. Stabilization of halobutenes. 2,364,588; Dec. 5.
Morris, Rupert C., and N. C. Melchior, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Solvent extraction process. 2,365,898; Dec. 26.
Morris, Steward G., Philadelphia, Pa., assignor to Claude R. Wickard, Secretary of Agriculture of the United States of America, and his successors in office. Manufacture of dextrin from starch. 2,359,378; Oct. 3.
Morris, Thomas C., Medford, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Reinforcing shoe parts. 2,349,877; May 30.
Morris, Thomas C., Belmont, assignor, by mesne assignments, to B. B. Chemical Co., Boston, Mass. Colored article and making the same. 2,364,744; Dec. 12.
Morris, William C. (See McConnell, A. J., and Morris.)
Morris, William C., Woodland, Calif. Gathering machine. 2,358,872; Sept. 26.
Morrison, Abraham, assignor to A. L. and I. Morrison, Detroit, Mich. Window sash balance. 2,365,969; Dec. 26.
Morrison, Annie L., et al. (See Morrison, Abraham, assignor.)
Morrison, Benjamin, Flin Flon, Manitoba, assignor to Hudson Bay Mining and Smelting Company Limited, Winnipeg, Manitoba, Canada. Apparatus for cleaning the surface of anodes. 2,358,244; Sept. 12.
Morrison, Earl, St. Louis County, assignor to Curtis Manufacturing Company, St. Louis, Mo. Compressor. 2,350,518; June 6.
Morrison, Harold, Chattanooga, and F. W. Lowe, East Chattanooga, assignors to Milne Chair Company, Chattanooga, Tenn. Cushion unit for furniture. 2,340,551; Feb. 1.
Morrison, Harold L., Sacramento, Calif. Toy. 2,341,283; Feb. 8.
Morrison, Harry. (See Saunders, S. G., and Morrison.)
Morrison, Ida, et al. (See Morrison, Abraham, assignor.)
Morrison, James, Brass Mfg. Co. Limited, The. (See Sandilands, James C., assignor.)
Morrison, James D., Medicine Hat, Alberta, Canada. Dental matrix retainer. 2,353,747; July 18.
Morrison, James L. D., assignor to New Products Corporation, Benton Harbor, Mich. Record changer for phonographs. 2,343,992; Mar. 14.
Morrison, Jess S., Southgate, assignor to L. M. Harvey, La Canada, Calif. Servomotor. 2,347,837; May 2.
Morrison, Jess S., Southgate, assignor to L. M. Harvey, La Canada, Calif. Automatic control for aircraft, etc. 2,351,694; June 20.

Morrison, Jess S., Southgate, assignor to Leo M. Harvey, La Canada, Calif. Airplane pitch control. 2,356,339; Aug. 22.

Morrison, John F., Boonton, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Ultra short wave antenna system. 2,350,916; June 16.

Morrison, Laurence W., Jr., Florham Park, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electro-optical signaling. 2,343,568; Mar. 7.

Morrison Machine Co. (See Kreeft, John, assignor.)

Morrison, Orry C., Carroll, Iowa. Bacteria antigen for the treatment of diphtheria. 2,349,293; May 23.

Morrison, Orry C., Carroll, Iowa. Bacteria antigen for the treatment of scarlet fever. 2,349,294; May 23.

Morrison, Robert F. (See Harbert, C. J., and Morrison.)

Morrison, Willard L., Lake Forest, Ill. Tank. 2,343,315; Mar. 7.

Morrison, Willard L., Lake Forest, Ill. Evaporator unit construction. 2,356,778; Aug. 29.

Morrison, Willard L., Lake Forest, Ill. Apparatus for freezing foods. 2,356,779; Aug. 29.

Morrison, Willard L., Lake Forest, Ill. Apparatus for freezing foods. 2,356,780; Aug. 29.

Morrison, Willard L., Lake Forest, Ill. Refrigerating apparatus. 2,356,781; Aug. 29.

Morrissey, Stephen J., Rapid City, S. Dak. Rock breaker. 2,357,843; Sept. 12.

Morrow, Donald G., assignor to Hercules Powder Company, Wilmington, Del. Explosive compositions. 2,355,817; Aug. 15.

Morrow, Harry M., Canton, Ohio, assignor to The Bowdil Company. Holding device. 2,347,329; Apr. 25.

Morrow, Joseph H., Hokendauqua, assignor to Fuller Company, Catasauqua, Pa. Cooling apparatus. 2,348,559; May 9.

Morrow, Joseph H., Hokendauqua, assignor to Fuller Company, Catasauqua, Pa. Cooling apparatus. 2,348,560; May 9.

Morrow, Louise, Kane County, Ill. Nursing bottle holder. 2,362,020; Nov. 7.

Morse Boulger Destructor Company. (See Stilson, Alden E., assignor.)

Morse, Harold F., Southport, Conn., assignor to General Electric Company. Circuit controller. 2,338,731; Jan. 11.

Morse, James W., Lansing, Mich., assignor to Food Machinery Corporation, San Jose, Calif. Method and apparatus for treating washed potatoes. 2,342,007; Feb. 15.

Morse, John F., Hudson, Ohio. Web winding and rewinding machine. 2,356,421; Aug. 22.

Morse, John F., Hudson, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Method of and apparatus for depositing films. 2,357,536; Sept. 5.

Morse, Kenneth P., assignor to The Standard Register Company, Dayton, Ohio. Strip feeding attachment. 2,355,668; Aug. 15.

Morse, Lawrence H., Mentor, Ohio, assignor to Addressograph-Multigraph Corporation, Wilmington, Del. Printing machine. 2,359,852; Oct. 10.

Morse, Lawrence H., Mentor, Ohio, assignor to Addressograph-Multigraph Corporation, Wilmington, Del. Printing machine. 2,359,856; Oct. 10.

Morse, Normand W., assignor to Hill-Shaw Company, Chicago, Ill. Coffee brewer apparatus. 2,340,203; Jan. 25.

Morse, Ted B., Chicago, Ill. Adjustable variable differential pressure apparatus. 2,345,281; Mar. 28.

Morsegraph, Inc. (See Hand, Leslie T., assignor.)

Mortensen, Soren H., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Gas-cooled dynamoelectric machine. 2,338,593; Jan. 4.

Mörtl, Hubert, Regensburg, Germany; vested in the Alien Property Custodian. Riveting apparatus. 2,340,552; Feb. 1.

Mortlock, Joseph R., Kenton, K. J., R. Winkinson, and G. W. Carter, Rugby, England, assignors to General Electric Company. Dielectric monitor system. 2,344,261; Mar. 14.

Morton Aircraft Corporation. (See Shetler, Lewis A., assignor.)

Morton, Allen W., Baltimore, Md., assignor, by mesne assignments, to Koppers Company, Inc. Piston ring. 2,364,743; Dec. 12.

Morton, André A., Paris, France; vested in the Alien Property Custodian. Hydraulic damping and stabilizing device. 2,344,050; Mar. 14.

Morton, Brayton, trustee. (See Carter, William W., assignor.)

Morton, Charles R., Summit, assignor of one-half to M. C. Farquhar, East Orange, N. J. Fire detecting and alarm device. 2,357,681; Sept. 5.

Morton, Charles R., Summit, N. J. Fire detector and extinguisher. 2,357,682; Sept. 5.

Morton, Eldred O., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Steam iron. 2,345,413; Mar. 28.

Morton, Eldred O., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Steam iron. 2,353,426; July 11.

Morton, George A., Haddon Heights, and L. E. Flory, Oaklyn, N. J., assignors to Radio Corporation of America. Television pickup tube. 2,345,252; Mar. 28.

Morton, Henry E., Muskegon Heights, Mich. Cutting machine. 2,345,060; Mar. 28.

Morton, Lysle W., assignor to General Electric Company, Schenectady, N. Y. Electric valve circuit. 2,362,293; Nov. 7.

Morton Machine Works. (See Jackson, Stonewall, assignor.)

Morton, Rolla A., Long Beach, Calif. Fuel supply means. 2,353,919; July 18.

Morton, William. (See Lytle, A. R., and Morton.)

Morton, William A., Mt. Lebanon, assignor to The Amsler-Morton Company, Pittsburgh, Pa. Supporting pit-furnace covers. 2,354,330; July 25.

Morton, Wirt, Lake Forest, Ill., and D. G. Magill, Great Neck, assignors to American Can Company, New York, N. Y. Producing drawn moisture-proof articles. 2,352,652; July 4.

Mortus, Benjamin H., Shaker Heights, assignor to The National Screw & Manufacturing Company, Cleveland, Ohio. Making lock nuts. 2,349,513; May 23.

Morway, Arnold J. (See Zimmer, J. C., and Morway.)

Morway, Arnold J., Roselle, N. J., assignor, by mesne assignments, to Jasco, Incorporated. Rubberlike products and preparation thereof. 2,364,382; Dec. 5.

Morway, Arnold J., Clark Township, Union County, and John C. Zimmer, Union, N. J., assignors to Standard Oil Development Company. Grease preparation. 2,339,873; Jan. 25.

Morway, Arnold J., Clark Township, Union County, and J. C. Zimmer, Union, N. J., assignors to Standard Oil Development Company. Lubricant. 2,356,009; Aug. 1.

Morway, Arnold J., Clark Township, Union County, and J. C. Zimmer, Union, N. J., assignors to Standard Oil Development Company. Stable lubricating composition. 2,363,013; Nov. 21.

Moschel, Herman, and J. R. Day, assignors to Dain Manufacturing Co. of Iowa, Ottumwa, Iowa. Hay loader. 2,361,489; Oct. 31.

Moschel, Wilhelm, and W. Forst, Bitterfeld, and W. Schmid, Stassfort, Germany; vested in the Alien Property Custodian. Producing magnesium oxide. 2,351,998; June 20.

Moseley, Francis L., Pelham, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Automatic position indicating system. 2,361,956; Nov. 7.

Moseley, James T. W., Clayton, assignor to Carter Carburetor Corporation, St. Louis, Mo. Accelerating pump. 2,340,820; Feb. 1.

Moseley, John, Ruislip, and W. P. V. Gebbie, Perivale, assignors to Compoflex Company Limited, Teddington, Middlesex, England. Flexible tubing. 2,365,286; Dec. 19.

Moser, Eduard, assignor to the Swiss firm of Society of Chemical Industry in Basle, Basel, Switzerland. Manufacture of 1-amino-benzene-4-sulpho-2-carboxylic acid. 2,353,351; July 11.

Moser, Jesse R. (See Twyman, L. R., Moser, and Rose.)

Moser, Jesse, assignor to Vickers, Incorporated, Detroit, Mich. Operating piston for oil wells. 2,355,669; Aug. 15.

Moser, Werner J., McMasterville-Beloeil, Quebec, Canada. Flexible coupling. 2,360,149; Oct. 10.

Moser, Wilhelm, Berlin, Germany; vested in the Alien Property Custodian. Automatic volume control device. 2,363,985; Nov. 28.

Moses, Edwin P., White Plains, N. Y., assignor to Railroad Rolling Stock Patents Corporation, Highland Park, Mich. Determining conjugate centers of percussion of railway cars. 2,360,706; Oct. 17.

Moses, Harry. (See Marder, E., and Moses.)

Mosher, Asa H., Westfield, and W. G. Youngholm, Fanwood, N. J., said Mosher assignor to said Youngholm. Battery filling device. 2,342,480; Feb. 22.

Mosher, Ferdinand H., assignor to American Sales Book Company, Inc., Niagara Falls, N. Y. Strip decollating machine. 2,360,965; Oct. 24.

Mosier, Peter, Grand Rapids, Mich. Cart. 2,350,062; May 30.

Moskos, Rita, Chicago, Ill. Curtain stretcher. 2,343,695; Mar. 7.

Moskovits, Balint, Budapest, Hungary; vested in the Alien Property Custodian. Manufacture of dry vegetable products. 2,341,152; Feb. 8.

Mosier, Edwin H., New York, and H. H. Lynn, Wyoming, N. Y., assignors to The Mosier Safe Company, Hamilton, Ohio. Insulated record container. 2,347,705; May 2.

Mosier Safe Company, The. (See Mosier, E. H., and Lynn, assignors.)

Mosley, Carl E. (See Brown, K. R., and Mosley.)

Moss, Cresap M., Salt Lake City, Utah, assignor to Chicago Development Company, Chicago, Ill. Copper-zinc-manganese alloy. 2,347,706; May 2.

Moss, Earl C., Westfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Clamping device. 2,342,069; Feb. 15.

Moss, Edwin, assignor to Edwin Moss and Son Incorporated, Bridgeport, Conn. Concrete batching plant. 2,353,487; July 11.

Moss, Edwin and Son Incorporated. (See Moss, Edwin, assignor.)

Moss, Eric B. (See Russell, V. J. S., and Moss.)

Moss, Frank K. (See Luckiesh, M., and Moss.)

Moss, Garner R., and J. F. Maloney, assignors to Emsco Screen Pipe Company, Houston, Tex. Apparatus for making screen pipe. 2,358,673; Sept. 26.

Moss, Henry V., and T. W. Schilb, Kirkwood, Mo., assignors to Monsanto Chemical Company. Dentifrice base. 2,359,326; Oct. 3.

Moss, Herbert H., Elizabeth, N. J., and G. W. Patch, Jr., Kenmore, N. Y., assignors to The Linde Air Products Company. Cutting or welding and heat-treating apparatus. Re. 22,568; Nov. 21.

Moss, Jacob, Plainfield, N. J. Cutting device. 2,363,258; No. 21.

Moss, Philip H. (See Cook, E. W., and Moss.)

Mossay, Paul A. H., Norwich, England. Flameproof electric motor. 2,349,106; May 16.

Mossberg, Harold F., assignor to O. F. Mossberg & Sons, Inc., New Haven, Conn. Firearm. 2,339,027; Jan. 11.

Mossberg, Harold F., assignor to O. F. Mossberg & Sons, Inc., New Haven, Conn. Trap gun. 2,351,869; June 20.

Mossberg, O. F., & Sons, Inc. (See Mossberg, Harold F., assignor.)

Mossberg, O. F., & Sons, Inc. (See Sawin, Raymond R., assignor.)

Mossett, James W., New York, N. Y. Closure for collapsible tubes. 2,364,307; Dec. 5.

Mosshart, Donald J., Springfield, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Stoker apparatus. 2,347,574; Apr. 25.

Mosshart, Donald J., Ardmore, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Stoker apparatus. 2,358,993; Sept. 26.

Mossman, Donald P., Sr. (See Shepard, Carl F., assignor.)

Mothershead, Raymond E., Seat Pleasant, Md., assignor to Government of the United States, as represented for the purpose hereof by the Secretary of Commerce. Withe for masts, flagpoles, and the like. 2,345,621; Apr. 4.

Mothwurf, Arthur F. F., Philadelphia, Pa., assignor, by mesne assignments, to Industrial Rayon Corporation. Continuous manufacture of viscose rayon. 2,345,622; Apr. 4.

Mothwurf, Arthur F. F., Philadelphia, Pa., assignor, by mesne assignments, to Industrial Rayon Corporation. Rayon spinning and drying cage. 2,365,096; Dec. 12.

Motor Power, Inc. (See Pratt, George L., assignor.)

Motor Products Corporation. (See Kellogg, Homer G., assignor.)

Motor State Products Company. (See Keller, August, assignor.)

Motor Wheel Corporation. (See Bovee, Eliad A., assignor.)

Motor Wheel Corporation. (See Horn, Harry J., assignor.)

Motor Wheel Corporation. (See Hunt, J. H., and Horn, assignors.)

Motor Wheel Corporation. (See Hunt, J. H., and Woolson, assignors.)

Motor Wheel Corporation. (See Jones, D. E., and Miller, assignors.)

Motor Wheel Corporation. (See Miller, John W., assignor.)

Motor Wheel Corporation. (See Miller, J. W., and Fell, assignors.)

Mott, Carl W., La Grange, Ill., assignor to International Harvester Company. Fluid expansible device. 2,341,803; Feb. 15.

Mott, Carl W., La Grange, Ill., assignor to International Harvester Company. Tractor-mounted implement. 2,346,321; Apr. 11.

Mott, Carl W., La Grange, Ill., assignor to International Harvester Company. Working tool attachment. 2,352,281; June 27.

Mott, Carl W., La Grange, Ill., assignor to International Harvester Company. Pump. 2,358,528; Sept. 19.

Mott, Carl W., assignor to International Harvester Company, La Grange, Ill. Power lifting arrangement. 2,362,578; Nov. 14.

Mott, Carl W., La Grange, Ill., assignor to International Harvester Company. Pressure regulating apparatus for constant delivery pumps. 2,362,713; Nov. 14.

Mott, Carl W., La Grange, Ill., assignor to International Harvester Company. Load-moving machine. 2,363,986; Nov. 28.

Mott, Carl W., La Grange, and H. P. Smith, Canton, Ill., assignors to International Harvester Company. Tractor-mounted implement. 2,341,804; Feb. 15.

Mott, Carl W., Jr. (See Kriegbaum, G. M., Haas, and Mott, Jr.)

Mott, Chester, Evanston, and A. F. Chouinard, assignors to National Cylinder Gas Company, Chicago, Ill. Cutting torch machine. 2,364,644; Dec. 12.

Mott, Chester, Evanston, A. F. Chouinard, and R. L. Harding, assignors to National Cylinder Gas Company, Chicago, Ill. Torch device. 2,364,645; Dec. 12.

Mott, Edward E., Upper Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Acoustic device. 2,356,262; Aug. 22.

Mott, Garret, Jr., Scarsdale, assignor to Electrolux Corporation, New York, N. Y. Lighting device. 2,353,258; July 11.

Mott, Kennon. (See Garner, Lue O., assignor.)

Mott, Norman S., assignor of one-half to J. P. Moran, Westfield, N. J. Corrosion-resistant ferrous alloys. 2,357,219; Aug. 29.

Mott, William P., Chicago, Ill., assignor to J. M. Schatz and H. R. Glasser. Sandblasting device. 2,357,599; Sept. 5.

Mottern, Henry O., Hillside, N. J., assignor, by mesne assignments, to Standard Alcohol Company. Alcohol recovery process. 2,340,012; Jan. 25.

Mottern, Hugh H. (See Williaman, J. J., Mottern, Hills, and Baker.)

Motz, William H., Oak Park, Ill. Freezing of liquids. 2,349,451; May 23.

Mougey, Harry C., and R. J. Wirshing, assignors to General Motors Corporation, Detroit, Mich. Electrodeposition of nickel. 2,338,529; Jan. 4.

Moulding, Thomas G., Toledo, Ohio. Seat adjusting device. 2,351,778; June 20.

Moule Laboratories, Inc. (See Moule, Rex E., assignor.)

Moule, Rex E. (See Geyer, H. D., and Moule.)

Moule, Rex E. (See Shroyer, G. A., Gould, and Moule.)

Moule, Rex E., Dayton, Ohio, assignor to Moule Laboratories, Inc. Method and machine for making capsules. 2,339,286; Jan. 18.

Moule, Rex. E., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Sterilization. 2,355,887; Aug. 15.

Moule, Rex E., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Mold equipment. 2,364,745; Dec. 12.

Moulton, Harold R., assignor to American Optical Company, Southbridge, Mass. Lens and making same. 2,357,345; Sept. 5.

Mounce, Whitman D., Houston, Tex., assignor to Standard Oil Development Company. Automatic gain adjusting device for reflection seismographs. 2,366,043; Dec. 26.

Mount, Edna, assignor of one-half to R. Emerson, New York, N. Y. Combination couch and bed. 2,356,077; Aug. 15.

Mountain City Foundry and Machine Co. (See Hunt, John O., assignor.)

Mountbatten, Louis, London, England. Station-keeping apparatus for warships. 2,360,361; Oct. 17.

Mountjoy, Garrard, Manhasset, and C. W. Finnigan, Little Neck, Long Island, N. Y., assignors to Radio Corporation of America. Superregenerative receiver circuit. 2,351,221; June 13.

Mouromtseff, Ilia E., Montclair, and G. M. Dinnick, Bloomfield, N. Y., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Ultra high frequency device with conical collector. Re. 22,580; Dec. 19.

Mouromtseff, Ilia E., Montclair, and G. M. Dinnick, Bloomfield, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Vacuum discharge device. 2,341,941; Feb. 15.

Mouromtseff, Ilia E., Montclair, and G. M. Dinnick, Bloomfield, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electron discharge device. 2,360,707; Oct. 17.

Mouw, Andrew, Huntington Woods, assignor to No-Sag Spring Company, Detroit, Mich. Bedspring. 2,360,966; Oct. 24.

Mouw, Garrett H., Jr. (See Jebens, G. A., Snell, Heath, Fisher, Scott, and Mouw.)

Movie-Mite Corporation. (See Calvin, F. O., Wilson, and Smith, assignors.)

Mowat, John F. (See Elder, H. G., and Mowat.)

Moxey, Fred W., Aurora, assignor to American Molded Products Co., Chicago, Ill. Combination compass and measuring instrument. 2,349,670; May 23.

Moxley, Harry E., assignor, by mesne assignments, to Hollywood Sales Corporation, Los Angeles, Calif. Device for dispensing molded compositions. 2,347,960; May 2.

Moyer, Andrew J., Peoria, Ill., assignor to Claude R. Wickard, as Secretary of Agriculture of United States of America, and his successors in office. Gluconic acid production. 2,351,500; June 13.

Moyer, Elmo E., Scotia, N. Y., assignor to General Electric Company. Protective system. 2,343,199; Feb. 29.

Moyer, Harris P. (See Lampton, G. T., and Moyer.)

Moyer, James H., and D. E. Evans, assignors to The Columbus Dental Manufacturing Co., Columbus, Ohio. Apparatus for carding artificial teeth. 2,362,660; Nov. 14.

Moyer, Ralph E., New Buffalo, assignor to Kidd, Dater & Price Grocery Co., Benton Harbor, Mich. Container. 2,348,437; May 9.

Moyer, Ralph E., New Buffalo, assignor to Kidd, Dater & Price Grocery Co., Benton Harbor, Mich. Container. 2,348,438; May 9.

Moyer, Wendell W., assignor to A. E. Staley Manufacturing Company, Decatur, Ill. Deodorizing and decolorizing levulinic acid. 2,349,514; May 23.

Moyle, Clarence L. (See Boyer, R. F., Matheson, and Moyle.)

Moyle, Clarence L. (See Coleman, G. H., and Moyle.)

Mucher, George J., assignor to Clarostat Manufacturing Co. Inc., Brooklyn, N. Y. Variable resistor. 2,346,598; Apr. 11.

Muchow, Elmer, Maplewood, assignor to Automatic Control Corporation, St. Louis, Mo. Pilot circuit switch. 2,346,862; Apr. 18.

Muddiman, Earll R., Wilkinsburg, Pa., assignor to Carnegie-Illinois Steel Corporation. Hoisting hook for apertured articles. 2,357,054; Aug. 29.

Muddiman, Earll R., Wilkinsburg, Pa. Braking means for roller conveyors. 2,360,706; Oct. 17.

Muecke, Edward, Linden, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Looper thread controlling mechanism for sewing machines. 2,350,965; June 6.

Muecke, Edward, Linden, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine looper mechanism. 2,351,831; June 20.

Muehler, Lowell E., assignor to Eastman Kodak Company, Rochester, N. Y. Hypo eliminator solutions. 2,338,662; Jan. 4.

Muehler, Lowell E., assignor to Eastman Kodak Company, Rochester, N. Y. Hypo eliminator solutions. 2,338,663; Jan. 4.

Muehler, Lowell E., and G. T. Eaton, assignors to Eastman Kodak Company, Rochester, N. Y. Hypo eliminator bath. 2,343,696; Mar. 7.

Muehling, Julius J., St. Louis, Mo. Price card rack. 2,346,779; Apr. 18.

Muehlman, Paul A., assignor to Frank C. Snedaker & Co., Inc., Philadelphia, Pa. Storm sash for double hung windows. 2,343,200; Feb. 29.

Muehter, Manfred W., Nutley, assignor to American District Telegraph Company, Jersey City, N. J. Signaling system. 2,365,719; Dec. 26.

Mueller, Adolf G., Stratford, Conn., assignor to General Electric Company. Starting mechanism for fluorescent lamps. 2,345,414; Mar. 28.

Mueller, Adolf G., Fairfield, Conn., assignor to General Electric Company. Pull chain socket. 2,364,995; Dec. 12.

Mueller, Carl E., assignor to General Printed String Company, Milwaukee, Wis. Dispenser for rolls of strand-like material. 2,359,871; Oct. 10.

Mueller-Cunradi, Martin. (See Uloth, R., and Mueller-Cunradi.)

Mueller-Cunradi, Martin, H. Giehne, and H. Krekeler, Ludwigshafen-on-the-Rhine, Germany; vested in the Alien Property Custodian. Preparation of crotonaldehyde. 2,341,229; Feb. 8.

Mueller, Edward O. (See Edwards, D. H., and Mueller.)

Mueller, Emil G., Churchill Borough, assignor to The American Brake Company, Swissvale, Pa. Brake mechanism. 2,360,967; Oct. 24.

Mueller, Henry M. (See Albertson, L. E., and Mueller.)

Mueller, Homer L., assignor to The Cleveland Welding Company, Cleveland, Ohio. Roller. 2,355,743; Aug. 15.

Mueller, John H. (See Mueller, Moritz L., assignor.)

Mueller, John H., et al. (See Mueller, Moritz L., assignor.)

Mueller, L. J., Furnace Company. (See Davis, Keith T., assignor.)

Mueller, Moritz L., assignor, by mesne assignments to M. L. and J. H. Mueller, Seattle, Wash. Heating apparatus. 2,348,835; May 16.

Mueller, Moritz L., assignor, by mesne assignments, to M. L. and J. H. Mueller, Seattle, Wash. Heating apparatus. 2,361,643; Oct. 31.

Mueller, Moritz L., assignor, by mesne assignments, to M. L. and J. H. Mueller, Seattle, Wash., as joint tenants. Heating and cooking apparatus. 2,361,644; Oct. 31.

Mueller, Moritz L., Detroit, Mich., assignor, by mesne assignments, to M. L. and J. H. Mueller, Seattle, Wash. Heating apparatus. 2,348,834; May 16.

Mueller, Otto. (See Scholtz, H. G., Mueller, and Haberstump.)

Mueller, Otto, Dearborn, Mich. Hydraulic punch and stripper. 2,353,488; July 11.

Mueller, Otto, Dearborn, and H. G. Scholtz, Wyandotte, assignors to The Murray Corporation of America, Detroit, Mich. Frame riveting machine. 2,355,997; Aug. 15.

Mueller, Paul M., assignor to Revere Copper and Brass Incorporated, Rome, N. Y. Mold. 2,345,493; Mar. 28.

Mueller, Paul M., assignor to Revere Copper and Brass Incorporated, Rome, N. Y. Mold and molding apparatus. 2,357,780; Sept. 5.

Mueller, Robert K., Erie, Pa., assignor to United Aircraft Corporation, East Hartford, Conn. Propeller balancing mechanism. 2,362,842; Nov. 14.

Mueller, William A., Los Angeles, Calif., assignor to Radio Corporation of America. Sound reproducing system. 2,361,490; Oct. 31.

Mueller, William F., and F. W. Kublin, assignors to Dairy Churn & Manufacturing Co. Inc., St. Louis, Mo. Can opening machine. 2,361,561; Oct. 31.

Muench, Carl G., New Orleans, La., assignor to The Celotex Corporation, Chicago, Ill. Tiling. 2,341,645; Feb. 15.

Muenchinger, Herman G., South Foster, assignor to American Screw Company, Providence, R. I. Self-tapping screw. 2,347,360; Apr. 25.

Muenzer, Frank X. (See Billman, H. E., Glassen, and Muenzer.)

Muffly, Gary, Penn Township, Allegheny County, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Electrical prospecting. 2,354,535; July 25.

Muffly, Gary, Penn Township, Allegheny County, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Apparatus for electrical bore logging. 2,364,159; Dec. 5.

Muffly, Glenn, Springfield, Ohio. Refrigerating apparatus. 2,349,367; May 23.

Muffly, Glenn, Springfield, Ohio. Refrigerating mechanism. 2,359,780; Oct. 10.

Mugdan, Martin, London, England, and J. Wimmer, Burghausen, Upper Bavaria, Germany; vested in the Alien Property Custodian. Polymerizing trichlorethylene. 2,338,297; Jan. 4.

Muggleton, Gerald D., Appleton, assignor to Consolidated Water Power & Paper Company, Wisconsin Rapids, Wis. Coating apparatus. 2,356,873; Aug. 29.

Muir, William M., South Orange, N. J. Machine for applying decalcomanias. 2,353,352; July 11.

Muirhead, Donald M., Duxbury, Mass. Building structure for insulation against insects. 2,352,338; June 27.

Muirson Label Co. (See White, Jesse A., assignor.)

Mulcrone, Walter L., Waterbury, Conn. Method and apparatus for installing thermoplastic crystals. 2,357,904; Sept. 12.

Mulder, Cornelis A. H., Utrecht, Netherlands; vested in the Alien Property Custodian. Epicyclic gear. 2,349,981; May 30.

Muldoon, Bernard F., Mountain View, N. J., assignor to H. Hyman, Brooklyn, N. Y. Flashlight. 2,341,057; Feb. 8.

Muldoon, Bernard F., Caldwell, N. J., assignor to H. Hyman, New York, N. Y. Portable electric flashlight. 2,358,820; Sept. 26.

Muldoon, William J. (See Urquhart, N., and Muldoon.)

Muldoon, William J., Hempstead, and H. T. Stenhammer, New York, assignor to Control Instrument Company, Inc., Brooklyn, N. Y. Telephone system. 2,358,529; Sept. 19.

Mulheim, Joseph E. (See Miner, J. D., Jr., and Mulheim.)

Mulheim, Joseph E., Lima, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Damper. 2,347,059; Apr. 18.

Mulhern, James A. (See Keenan, G., and Mulhern.)

Mulhern, William A., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Ornamental sheet metal band. 2,345,283; Mar. 28.

Mulhern, William A., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Snap-on hub cap. 2,358,468; Sept. 19.

Mulholland, David E., Fort Myers, Fla. Glass processing machine. 2,340,201; Jan. 25.

Mulit, Lloyd H. (See Lyman, A. L., and Mulit.)

Mull, John R. (See Garlock, F. G., and Mull.)

Mullan, Joseph, Baltimore, Md. Shoe polishing apparatus. 2,349,106; May 16.

Mullen, Eunice G., Pasco, Wash. Garment protector. 2,344,781; Mar. 21.

Mullen, John B. (See Crowley, C. A., and Mullen.)

Mullen, Ransford M., Los Angeles, Calif. Tank. 2,358,022; Sept. 12.

Müller, A., & Cie, Maschinenfabrik und Eisengiesserei, Aktiengesellschaft. (See Maurer, Gottfried, assignor.)

Müller, Adalbert, Augsburg, Germany; vested in the Alien Property Custodian. Rendering materials water-repellent. 2,345,142; Mar. 28.

Müller, Adalbert, Augsburg, Germany; vested in the Alien Property Custodian. Producing stable aqueous wax emulsions. 2,350,800; June 6.

Müller, Adolf. (See Fleischhauer, R., and Müller.)

Muller, Albert B., Fort Wayne, Ind., assignor to Juvenile Wood Products, Inc. Breast strap fastener. 2,353,316; July 11.

Muller, Albert B., Fort Wayne, Ind., assignor to Juvenile Wood Products, Inc. Breast-strap fastener for infant chairs. 2,361,118; Oct. 24.

Muller, Caroline A., Minneapolis, Minn. Therapeutic garment. 2,354,697; Aug. 1.

Muller, Curt B. (See Testo, Henry, assignor.)

Muller, Daniel A., Donna, Tex. Pier. 2,344,782; Mar. 21.

Müller, Eduard F., Leipzig, Germany; vested in the Alien Property Custodian. Electric feeler control for machine tools. 2,351,626; June 20.

Muller, Egon N., Esch-sur-Alzette, Luxemburg; vested in the Alien Property Custodian. Automatic selectivity control for radio receivers. 2,353,180; July 11.

Müller, Ferdinand H., Montclair, N. J., assignor to Wilmington Fibre Specialty Company, Wilmington, Del. Pouring spout for containers. 2,352,587; June 27.

Muller, Gustave, and D. D. Forsman, San Francisco, Calif.; said Muller assignor to said Forsman. Vacuum pump. 2,358,412; Sept. 19.

Müller, Heinz O. (See von Borries, B., Müller and Ruska.)

Muller, Johan A. (See MacMillin, H. F. and Muller.)

Muller, Johan A., Mount Gilead, Ohio, assignor to The Hydraulic Development Corporation, Inc., Wilmington, Del. Making press structures. 2,348,403; May 9.

Muller, Johan A., Dayton, Ohio, assignor to The Hydraulic Development Corporation, Inc., Wilmington, Del. Blank-holder press. 2,354,041; July 18.

Muller, Johan A., Dayton, Ohio, assignor to The Hydraulic Development Corporation, Inc., Wilmington, Del. Drawing press. 2,360,007; Oct. 10.

Müller, Josef, Stuttgart, Germany; vested in the Alien Property Custodian. Vehicle springing. 2,356,606; Aug. 22.

Muller, Leonard. (See Anderson, V. G., and Muller.)

Muller, Lloyd E., Flint, assignor to General Motors Corporation, Detroit, Mich. Internal-combustion engine exhaust system. 2,356,782; Aug. 29.

Muller, Max, Boulder City, Nev., K. Schwartzwalder, Holly, and T. G. McDougal, Flint, assignors to General Motors Corporation, Detroit, Mich. Drying apparatus and method. 2,360,257; Oct. 10.

Müller, Paul, Neu-Allschwil, near Basel, assignor to the firm J. R. Geigy A. G., Basel, Switzerland. Heavy metal compound of thiuramdisulphides and its manufacture. 2,342,481; Feb. 22.

Muller, Phillip A., and L. W. Child, assignors to Evans Products Company, Detroit, Mich. Rotary air impeller. 2,360,440; Oct. 17.

Muller, Robert L., assignor to Burroughs Adding Machine Company, Detroit, Mich. Calculating machine. 2,347,607; Apr. 25.

Muller, Robert L., assignor to Burroughs Adding Machine Company, Detroit, Mich. Accounting machine and the like. 2,348,169; May 2.

Mulligardt, Alex S. (See Cherry, C. W., and Mulligardt.)

Mulligan, Walter J., San Mateo, Calif. Prefabricated building structure. 2,365,579; Dec. 19.

Mulliniz, Gird E., San Marino, and A. E. Hambly, Montebello, assignors to Byron Jackson Co., Huntington Park, Calif. Elevator device. 2,354,217; July 25.

Mullins Manufacturing Corporation. (See Gonda, John H., assignor.)

Mulloy, George B., Wilmette, assignor to Mead, Mulloy Corporation, Chicago, Ill. Heat exchange. 2,358,874; Sept. 26.

Multiplex Concrete Machinery Company, The. (See Billman, H. E., Glassen, and Muenzer, assignors.)

Multiprises, Inc. (See Neumann, Leopold, assignor.)

Multi-Sort Systems Incorporated. (See Golber, Hyman E., assignor.)

Mumford, Stephen. (See Glanville, R. H., and Mumford.)

Mund, William. (See Lessard, T., and Mund.)

Mundy, William J., assignor to C. T. Small Manufacturing Company, St. Louis County, Mo. Expansible mandrel. 2,360,968; Oct. 24.

Mungall, Robert W., Schenectady, N. Y., assignor to General Electric Company. Universal rectangular wire coating die. 2,346,697; Apr. 18.

Mungen, Theodore, Abington, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Identification holder. 2,360,815; Oct. 17.

Muniz, Ricardo, and J. Haddad, Brooklyn, assignors to International Business Machines Corporation, New York, N. Y. Apparatus for discriminating telemetric impulses. 2,338,866; Jan. 11.

Munk, Erwin. (See Dorn, W., and Munk.)

Munk, Max M., Cottage City, Md. Longitudinally controllable airfoil. 2,354,042; July 18.

Munk, William P., San Francisco, Calif. Pump. 2,339,748; Jan. 18.

Munro, George C., assignor to The Champion Paper and Fibre Company, Hamilton, Ohio. Watermarking coated paper. 2,344,783; Mar. 21.

Munro, Gordon, Dorchester, Mass. Ship hull. 2,361,409; Oct. 31.

Munschak, Uscher, New York, N. Y., assignor of one-half to J. Wolodarsky, Paris, France. Electric heating systems for garments and other objects. Re. 22,512; July 4.

Munsingwear, Inc. (See Donaldson, E., and (Chatfield, assignor).)

Munsingwear, Inc. (See Stephens, Zoma A., assignor.)

Munson, Everis D. (See Belcher, D., Munson, and Kindseth.)

Munters, Carl G., Stocksund, Sweden. Heat-insulated floor. 2,358,023; Sept. 12.

Munters, Carl G., Stocksund, and D. E. Ahlqvist, Angby, Sweden. Insulation for cold-storage rooms. 2,338,452; Jan. 4.

Muntz, Alan, & Company Limited. (See Farmer, Harold O., assignor.)

Münz, Hans, Korntal, near Stuttgart, Germany; vested in the Alien Property Custodian. Electromagnetic control device. 2,338,957; Jan. 11.

Münzel, Heinrich. (See Lommel, W., and Münzel.)

Murad, Wadia H., Watford, England. Machine tool turret. 2,338,867; Jan. 11.

Murata, Kiguma J. (See Cannon, R. S., Jr., and Murata.)

Murcek, Slavo J. (See Pearson, R. W., and Murcek.)

Murcek, Slavo J., Duquesne, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electronic timing control. 2,359,142; Sept. 26.

Murcek, Slavo J., Duquesne, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Ceiling level monitor. 2,365,580; Dec. 19.

Murch, John H. (See Hothersall, J. M., and Murch.)

Murdock, George R. (See Purcell, W. J., and Murdock.)

Murdock, Harold R., Asheville, N. C., assignor to The Champion Paper and Fibre Company, Hamilton, Ohio. Preparing paper coating compositions and the like. 2,365,097; Dec. 12.

Muros, Joseph. (See Stampleman, S. C., and Muros.)

Muros, Joseph, Cambridge, assignor to Gillette Safety Razor Company, Boston, Mass. Magazine for safety razor blades. 2,348,303; May 9.

Muros, Joseph, Cambridge, assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor and magazine. 2,351,627; June 20.

Muros, Joseph, Cambridge, assignor to Gillette Safety Razor Company, Boston, Mass. Magazine safety razor. 2,352,112; June 20.

Muros, Joseph, Cambridge, assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor magazine. 2,352,113; June 20.

Muros, Joseph, Cambridge, assignor to Gillette Safety Razor Company, Boston, Mass. Magazine safety razor. 2,359,327; Oct. 3.

Muros, Joseph, Cambridge, assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor and magazine. 2,361,230; Oct. 24.

Muros, Joseph, Cambridge, assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor. 2,361,410; Oct. 31.

Muros, Joseph, Cambridge, assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor blade. 2,362,498; Nov. 14.

Muros, Joseph, Cambridge, assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor. 2,363,608; Nov. 28.

Muros, Joseph, Cambridge, assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor. 2,363,609; Nov. 28.

Muros, Joseph, Cambridge, assignor to Gillette Safety Razor Company, Boston, Mass. Magazine safety razor. 2,363,610; Nov. 28.

Muros, Joseph, Cambridge, assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor and blade. 2,363,894; Nov. 28.

Muros, Joseph, Cambridge, assignor to Gillette Safety Razor Company, Boston, Mass. Manufacturing open-end blades. 2,364,235; Dec. 5.

Muros, Joseph, Cambridge, assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor blade. 2,364,236; Dec. 5.

Muros, Joseph, Cambridge, assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor blade and manufacturing the same. 2,365,581; Dec. 19.

Muros, Joseph, Cambridge, assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor and magazine. 2,365,582; Dec. 19.

Muros, Joseph, Cambridge, and N. Testi, assignors to Gillette Safety Razor Company, Boston, Mass. Safety razor. 2,342,160; Feb. 22.

Muros, Joseph, Cambridge, and N. Testi, assignors to Gillette Safety Razor Company, Boston, Mass. Safety razor. 2,342,161; Feb. 22.

Murphey, Harold O., Lincoln, Nebr. Belt fastening means. 2,342,210; Feb. 22.

Murphree, Eger V., Summit, N. J., assignor to Standard Oil Development Company. Metal soaps. 2,356,340; Aug. 22.

Murphree, Eger V., and C. W. Tyson, Summit, D. L. Campbell, Short Hills, and H. Z. Martin, Elizabeth, N. J., assignors, by mesne assignments, to Standard Catalytic Company. Chemical process. 2,360,787; Oct. 17.

Murphree, Eger V., and C. W. Tyson, Summit, D. L. Campbell, Short Hills, and H. Z. Martin, Elizabeth, N. J., assignors to Standard Oil Development Company. Removing sulphur from sulphur-bearing hydrocarbons. 2,362,296; Nov. 7.

Murphy, Arthur R., deceased, by M. R. Eastlack, formerly M. R. Murphy, administratrix, Pennsgrove, N. J., S. S. Rossander, Wilmington, Del., C. W. Croco, Woodstown, and J. M. Tinker, Carneys Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo dye intermediates. 2,346,599; Apr. 11.

Murphy Chair Company. (See Murphy, Stephen J., assignor.)

Murphy, Chalmer E., Cleveland Heights, assignor to Porcelain Steels, Inc., Cleveland, Ohio. Apparatus for truing up tubular bodies. 2,350,410; June 6.

Murphy, Daniel, New Castle, Pa. Bearing. 2,355,390; Aug. 8.

Murphy, Francis R., and R. H. Bebout, Toledo, Ohio, assignors, by mesne assignments, to Libbey-Owens-Ford Glass Company. Densifying mill. 2,350,632; June 6.

Murphy, Frank W., Mount Carmel, Ill. Safety switch. 2,358,729; Sept. 19.

Murphy, H. F., et al. (See Baxter, George, assignor.)

Murphy, Howard J., Greenwood, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Wiring and the like clip device. Re. 22,564; Nov. 21.

Murphy, Howard J., Greenwood, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Wiring and the like clip device. 2,340,249; Jan. 25.

Murphy, Howard J., Greenwood, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Rotary stud fastener installation. 2,340,250; Jan. 25.

Murphy, Howard J., Greenwood, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Rotary fastener and installation thereof. 2,344,948; Mar. 28.

Murphy, Howard J., Greenwood, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Fastener secured installation and fastener therefor. 2,356,422; Aug. 22.

Murphy, John F., Fitchburg, assignor to Lever Brothers Company, Cambridge, Mass. Distillation of fatty acids. 2,361,411; Oct. 31.

Murphy, Louis N. (See Jones, E. D., and Murphy.)
Murphy, Paul B., South Nyack, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Printing telegraph apparatus and system. 2,342,886; Feb. 29.
Murphy, Ray, Wetumka, Okla. Valve lock. 2,364,909; Dec. 12.
Murphy, Stephen J., assignor to Murphy Chair Company, Incorporated, Owensboro, Ky. Back rest for chairs. 2,360,788; Oct. 17.
Murphy, Thomas J., Stamford, Conn. Electroreciprocal system. 2,344,164; Mar. 14.
Murphy, William H., executor. (See Nash, James, assignor.)
Murran, George. (See Saxby, Marvin R., assignor.)
Murray, Charles L., Waco, Tex. Chicken brooder. 2,358,938; Sept. 26.
Murray, Clay E., near Davenport, Iowa. Blade holding block for boring bars. 2,349,189; May 16.
Murray Corporation of America, The. (See Haberstump, Alfred H., assignor.)
Murray Corporation of America, The. (See Kotcher, Edwin H., assignor.)
Murray Corporation of America. (See Mueller, O., and Scholtz, assignors.)
Murray Corporation of America, The. (See Noyes, Roswell L., assignor.)
Murray Corporation of America, The. (See Scholtz, H. G., Mueller, and Haberstump, assignors.)
Murray Corporation of America, The. (See Tea, Clark A., assignor.)
Murray Corporation of America, The. (See Weber, J. A., and Wilkins, assignors.)
Murray Corporation of America, The. (See Wolofski, Nicholas, assignor.)
Murray, D. J., Manufacturing Co. (See Gray, Newenham A., assignor.)
Murray, D. J., Manufacturing Co. (See Hartwig, Walter J., assignor.)
Murray, D. J., Manufacturing Co. (See Sargent, J. W., and Staky, assignors.)
Murray, Dean K. (See Oakes, B. J., and Murray.)
Murray, Glenn D., and G. N. Allen, Dexter, Mich. Mat. 2,363,139; Nov. 21.
Murray, Howard J., New York, N. Y. Automatic change speed power transmission mechanism. 2,351,628; June 20.
Murray, Howard J., New York, N. Y. Fluid drive mechanism. 2,358,821; Sept. 26.
Murray, Howard J., New York, N. Y. Selective fluid drive transmission mechanism. 2,360,258; Oct. 10.
Murray, Howard J., New York, N. Y. Fluid drive power transmission mechanism. 2,360,259; Oct. 10.
Murray, Howard J., Jr. (See Murray, H. J., Sr., and H. J., Jr.)
Murray, Howard J., Sr., and H. J. Murray, Jr., New York, N. Y. Indicating system for vehicles. 2,340,895; Feb. 8.
Murray, Irvin L., and R. G. Edmonds, Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation. Recovering organic compounds. 2,362,579; Nov. 14.
Murray, James B., Garden City, N. Y. Filing apparatus. 2,353,059; July 4.
Murray, John A., Barkerville, British Columbia, Canada. Collapsible tube closure. 2,357,421; Sept. 5.
Murray, John D., Chicago, Ill. Coating composition. 2,340,338; Feb. 1.
Murray, John L., Boston, Mass., assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Bag making machine and producing same. 2,360,510; Oct. 17.
Murray, Lawrence J. (See Gillings, C., and Murray.)
Murray Manufacturing Corporation. (See Murray, T. E., and (Phelps, assignor).)
Murray-Ohio Manufacturing Company, The. (See Kraeft, Herman L., assignor.)
Murray, Royal H., assignor to Western Electrical Instrument Corporation, Newark, N. J. Bimetallic thermometer. 2,365,487; Dec. 19.
Murray, Thomas E., Brooklyn, and G. H. Phelps, Floral Park; said Phelps assignor to Murray Manufacturing Corporation and said Murray assignor to Yarrum, Inc., Brooklyn, N. Y. Drop bomb. 2,343,074; Feb. 29.
Murray-Waller, Clive, Ashfield, near Sydney, New South Wales, Australia. Stall warming device for airplanes. 2,349,982; May 30.
Murray, William S., Utica, N. Y., assignor to Indium Corporation of America. Operation and lubrication of mechanical apparatus. 2,354,218; July 25.
Murtech, William H., Crafton, Pa., assignor to Carnegie-Illinois Steel Corporation. Straightening machine. 2,353,845; July 18.
Murtaugh, Michael E., Chicago, Ill. Cartridge carrier. 2,349,107; May 16.
Mussill, Alexander, Berlin, Germany; vested in the Alien Property Custodian. Device for doweling transverse joints of concrete road pavements. 2,349,983; May 30.
Muss, Robert B., Orinda, Calif., assignor to American Smelting and Refining Company, New York, N. Y. Cutting-off machine. 2,339,097; Jan. 11.
Musebeck, George E., assignor to Musebeck Shoe Company, Danville, Ill. Heel construction for shoes. 2,342,293; Feb. 22.
Musebeck Shoe Company. (See Musebeck, George E., assignor.)
Musgrave, John G. (See Fera, Antonio, assignor.)
Musher Foundation, Incorporated. (See Musher, Sidney, assignor.)
Musher, Sidney, New York, N. Y. Extraction of food and similar antioxygens from cane and beet molasses. 2,342,162; Feb. 22.
Musher, Sidney, assignor to Musher Foundation, Incorporated, New York, N. Y. Lubricating oil. 2,339,796; Jan. 25.
Musher, Sidney, assignor to Musher Foundation, Incorporated, New York, N. Y. Lubricating oil. 2,339,797; Jan. 25.
Musher, Sidney, assignor to Musher Foundation, Incorporated, New York, N. Y. Lubricating oil composition. 2,339,798; Jan. 25.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Oat Product. 2,355,028; Aug. 1.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Thickened aqueous composition and making the same. 2,355,029; Aug. 1.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Food composition. 2,355,030; Aug. 1.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Stabilization of sugar-containing food compositions. 2,355,031; Aug. 1.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Ice cream composition. 2,355,032; Aug. 1.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Plastic composition. 2,355,033; Aug. 1.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Oat extract useful for addition to foods for antioxidant and other purposes. 2,355,097; Aug. 8.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Processing corn. 2,355,098; Aug. 8.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Food composition. 2,355,547; Aug. 8.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Sausage composition. 2,355,548; Aug. 8.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Preparing a vitamin B complex concentrate. 2,357,756; Sept. 5.
Muskat, Delbert, et al. (See Muskat, Louis R., assignor.)
Muskat, Edna C., et al. (See Muskat, Louis R., assignor.)
Muskat, Irving E., Akron, Ohio, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Clarification of liquids. 2,338,958; Jan. 11.
Muskat, Irving E., Akron, Ohio, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Treatment of tin ores. 2,345,210; Mar. 28.
Muskat, Irving E., Akron, Ohio, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Purification of caustic soda. 2,349,596; May 23.
Muskat, Irving E., Akron, Ohio, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Chlorination of chromium bearing materials. 2,349,747; May 23.
Muskat, Irving E., Akron, Ohio, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Receptacle for caustic alkali. 2,354,824; Aug. 1.
Muskat, Irving E., Akron, Ohio, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Chlorination of chromium bearing materials. 2,361,048; Oct. 24.
Muskat, Irving E., Akron, and A. Pechukas, Barberton, Ohio, assignors to Pittsburgh Plate Glass Company, Allegheny County, Pa. Preparation of titanium dioxide. 2,340,610; Feb. 1.
Muskat, Irving E., and A. Pechukas, Akron, Ohio, assignors to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Preparation of pigments. 2,347,496; Apr. 25.
Muskat, Irving E., and F. D. Ayres, Akron, Ohio, assignors to Pittsburgh Plate Glass Company, Allegheny County, Pa. Purification of caustic solutions. 2,354,823; Aug. 1.
Muskat, L. R., et al. (See Muskat, Louis R., assignor.)
Muskat, Louis R., Oak Park, assignor, by mesne assignments, to L. R., P., D., N., L., and E. C. Muskat, collectively, doing business as Triangle Package Machinery Co., Chicago, Ill. Automatic weighing device. 2,352,114; June 20.
Muskat, Morris, Oakmont, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Recovery of oil from oil fields. 2,365,428; Dec. 19.
Muskat, Nina L., et al. (See Muskat, Louis R., assignor.)
Muskat, Peter, et al. (See Muskat, Louis R., assignor.)
Muske, Franz, Bremen-Sebaldsbruck, Germany; vested in the Alien Property Custodian. Stapling machine. 2,365,429; Dec. 19.
Muskin, Charles, and B. Sheinman, New York, N. Y. Combined reclining chair and couch. 2,351,222; June 13.
Musolino, Nickolas J., Campbell, Ohio. Score card. 2,349,452; May 23.

Musselman, John M., South Euclid, assignor to The Standard Oil Company, Cleveland, Ohio. Manufacture of lubricating oils. 2,361,787; Oct. 31.
Musselman, John M., South Euclid, assignor to The Standard Oil Company, Cleveland, Ohio. Beneficiated mineral oils. 2,365,209; Dec. 19.
Musselman, John M., South Euclid, and H. P. Lankelma, Shaker Heights, assignors to The Standard Oil Company, Cleveland, Ohio. Preparation of compounds for lubricants, etc. 2,357,346; Sept. 5.
Musselman, John M., South Euclid, and H. P. Lankelma, Shaker Heights, assignor to The Standard Oil Company, Cleveland, Ohio. Lubricants. 2,361,957; Nov. 7.
Mussey, Carrie S., executrix. (See Lohse, A. C., and Mussey.)
Mussey, William H. (See Lohse, A. C., and Mussey.)
Mussler, Frank H. (See Bullard, E. P., III, Alvey, and Mussler.)
Mussler, Frank H. (See Bullard, E. P., III, Cowell, and Mussler.)
Mussler, Frank H. (See Bullard, E. P., III, Mussler, Lange, Cowell, and Alvey.)
Mustaparta, George R., Kingston, N. Y., assignor to Hercules Powder Company, Wilmington, Del. Primer tube for dynamite cartridges. 2,350,566; June 6.
Muster, Harold B. (See Schonitzer, R. I., Allen, and Muster.)
Muster, Harold B. (See Schonitzer, R. I., and Muster.)
Mutch, James B., assignor to Schelter Last Co., Inc., Rochester, N. Y. Shoe tree. 2,340,202; Jan. 25.
Mutch, James B., assignor to Schelter Last Co., Inc., Rochester, N. Y. Shoe tree. 2,340,404; Feb. 1.
Mutch, James B., assignor to Wood Items, Inc., Rochester, N. Y. Portable gate. 2,348,561; May 9.
Mutch, Nathan, London, England. Grading or separation of particles of solids, liquids, or gases. 2,338,779; Jan. 11.
Mutual Chemical Company of America. (See Darrin, Marc, assignor.)
Mutual Citrus Products Company. (See Leo, H. T., and Taylor, assignors.)
Muxsey, David S., Jr., Houston, Tex., assignor to Shell Development Company, San Francisco, Calif. Vibration detector. 2,353,920; July 18.
Muxsey, David S., Jr., and R. D. Miller, Houston, Tex., assignors to Shell Development Company, San Francisco, Calif. Apparatus for electrical exploration. 2,363,987; Nov. 28.
Mydans, William E., Cambridge, Mass. Speed control and synchronizing device. 2,357,055; Aug. 29.
Myer, Moses L., University City, Mo. Rail fastener. 2,353,353; July 11.
Myers, Arthur E., Jackson Heights, N. Y. Brush wiper construction. 2,355,549; Aug. 8.
Myers, Charles L., Vineland, N. J. Game device. 2,339,351; Jan. 18.
Myers, Charles L., Philadelphia, Pa. Damper construction. 2,349,368; May 23.
Myers, Donald S. (See Joyner, G. O., and Myers.)
Myers, E. A., & Sons. (See Lybarger, Samuel F., assignor.)
Myers, Elmer E., and E. E. Beohm, Philippi, W. Va. Pipette washing apparatus. 2,345,284; Mar. 28.
Myers, Eugene V. (See Adair, M., and Henderson, assignors.)
Myers, F. E., & Bro. Co., The. (See Finley, K. L., Smith, and Spreng, assignors.)
Myers, F. E., & Bro. Company, The. (See Spreng, Warren M., assignor.)
Myers, Felix R., Burlington, N. J., assignor to I-T-E Circuit Breaker Company, Philadelphia, Pa. Circuit breaker compartment lock operated tripping device. 2,364,465; Dec. 5.
Myers, Frederick J. (See Robinson, J. D., and Myers.)
Myers, Frederick J., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Processing synthetic rubber. 2,360,160; Oct. 10.
Myers, Harold C. (See Hofler, R., and Myers.)
Myers, Henry C., Geneva, Ill., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Vapor electric device. 2,349,633; May 23.
Myers, Henry C., Irwin, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Vapor-electric device. 2,359,144; Sept. 26.
Myers, Henry C., Irwin, and J. H. Cox, Forest Hills, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Ignitron excitation. 2,359,143; Sept. 26.
Myers, Henry C., Geneva, and L. A. Kilgore, Forest Hills, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Variable speed motor drive. 2,359,145; Sept. 26.
Myers, Hubert A., assignor of one-half to H. W. McKisson, Toledo, Ohio. Brush manufacture. 2,355,744; Aug. 15.
Myers, James E., St. Mary's, assignor to Globe Envelopes Limited, Toronto, Ontario, Canada. Envelope for metallic objects. 2,356,078; Aug. 15.
Myer, James E., and H. G. Uhl, assignors to Timber Engineering Company, Washington, D. C. Timber connector. 2,345,856; Apr. 4.
Myers, Joseph W. (See Roesch, S. J., and Myers.)
Myers, Joseph W., assignor to Proctor & Schwartz, Inc., Philadelphia, Pa. Toaster. 2,339,183; Jan. 11.
Myers, Joseph W., assignor to Proctor & Schwartz, Inc., Philadelphia, Pa. Electrical cooking apparatus. 2,347,707; May 2.
Myers, Leonard D., Washington, D. C., assignor to Cardox Corporation, Chicago, Ill. Fire extinguishing method and apparatus. 2,352,399; June 27.
Myers, Norval F., Short Hills, N. J., assignor to Standard Oil Development Company. Refining process. 2,340,974; Feb. 8.
Myers, Oscar. (See Hubbard, F. A., Matthies, and Myers.)
Myers, Oscar. (See King, G. V., and Myers.)
Myers, Oscar, Mount Vernon, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sender load control. 2,351,446; June 13.
Myers, Richard N., Houston, Tex., assignor to Shell Development Company, San Francisco, Calif. Well screen structure. 2,359,717; Oct. 3.
Myers, Robert J. (See Cheetham, H. C., and Myers.)
Myers, Robert J., Rydal, assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Removal of copper from hydrocarbon oils. 2,341,329; Feb. 8.
Myers, Robert J., Rydal, and D. S. Herr, assignors to The Resinous Products & Chemical Company, Philadelphia, Pa. Operation of anion-exchange units. 2,354,172; July 18.
Myers, Robert J., Elkins Park, and J. W. Eastes, Philadelphia, assignors to The Resinous Products & Chemical Company, Philadelphia, Pa. Volume stabilized acid absorbing resin. 2,362,086; Nov. 7.
Myers, Shlerfield G. (See Chafee, Earl W., and Myers.)
Myers, Stowe. (See Teague, W. D. and W. D., Jr., Myers, and Andrews.)
Myers, Thomas G., assignor to U. S. Electrical Motors, Inc., Los Angeles, Calif. Seal for submersible structures. 2,354,874; Aug. 1.
Myers, Walter, Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Rotary hook mechanism for sewing machines. 2,346,139; Apr. 11.
Myers, William H., Glasgow, Mont. Crankshaft grinder. 2,340,108; May 16.
Myerson, Simon, Brookline, Mass. Tooth holder. 2,341,153; Feb. 8.
Myerson, Simon, Brookline, Mass. Temporary support for artificial teeth. 2,341,154; Feb. 8.
Myerson, Simon, Brookline, Mass. Impression tray and making dentures. 2,341,155; Feb. 8.
Myerson, Simon, Brookline, Mass. Temporary support for teeth. 2,341,156; Feb. 8.
Myerson, Simon, Brookline, Mass. Making artificial teeth. 2,357,757; Sept. 5.
Mylchreest, George D., assignor to Hartford-Empire Company, Hartford, Conn. Tempering glassware. 2,344,630; Mar. 21.
Myler, William M., Jr., Columbus, assignor to General Properties Company, Inc., Toledo, Ohio. Control system for unit heaters. 2,353,921; July 18.
Myrick, George H., Rochester, Minn. Dressings sterilizer. 2,364,910; Dec. 12.
Mysels, Karol J., assignor to Shell Development Company, San Francisco, Calif. Pipe-line leak detecting method. 2,346,043; Apr. 4.
Nabholz, Orvie E., Shellsburg, assignor to Le Febure Corporation, Cedar Rapids, Iowa. Tray. 2,360,709; Oct. 17.
Nabholz, Orvie E., Shellsburg, assignor to Le Febure Corporation, Cedar Rapids, Iowa. Tray. 2,366,123; Dec. 26.
Nabstedt, Arthur T., Hamden, Conn., assignor to The Snow-Nabstedt Gear Corporation. Clutch mechanism. 2,350,411; June 6.
Nachemov, Leonard, assignor to A. J., T. S., and N. Sossner, a co-partnership doing business as Sossner Steel Stamps, New York, N. Y. Tool-marking machine. 2,339,716; Jan. 18.
Nachemov, Leonard, assignor to A. J., T. T., and N. Sossner. Co-partners, doing business as Sossner Steel Stamps, New York, N. Y. Stamping machine and the like. 2,351,281; June 13.
Nachemov, Leonard, assignor to A. J., T. S., and N. Sossner, a co-partnership doing business as Sossner Steel Stamps, New York, N. Y. Holder for taps, drills and the like. 2,352,857; July 4.
Nachman, L., & Sons. (See Harpham, Walter J., assignor.)
Nachtman, John S., Beaver, Pa. Electroplating apparatus. 2,341,157; Feb. 8.
Nachtman, John S., Beaver, Pa. Alloying and fusing process. 2,357,126; Aug. 29.
Nachtman, John S., Youngstown, Ohio. Electroplating apparatus. 2,341,158; Feb. 8.
Nachtwey, Edward J., Green Bay, Wis. Automatically adjustable vehicular brake. 2,345,062; Mar. 28.
Nadai, Arpad. (See Manjoine, M. J., and Nadai.)
Nadeau, Gale F., and E. H. Hilborn, assignors to Eastman Kodak Company, Rochester, N. Y. Sheet material, particularly photographic film. 2,338,664; Jan. 4.
Nadeau, Gale F., and R. F. Miller, assignors to Eastman Kodak Company, Rochester, N. Y. Antihalation protective layer. 2,346,078; Apr. 4.
Nadeau, Gale F., and C. B. Starck, assignors to Eastman Kodak Company, Rochester, N. Y. Photographic tracing cloth. 2,350,124; May 30.

Nadeau, Gale F., and C. B. Starck, assignors to Eastman Kodak Company, Rochester, N. Y. Laminar structure and its preparation. 2,362,580; Nov. 14.
Nadeau, Ross, Newark, N. J. Packaging razor blades. 2,346,044; Apr. 4.
Nadel, Louis D. (See Gorey, A. H., Nadel, and Hineline.)
Nadel, Louis D., assignor to The Folmer Graflex Corporation, Rochester, N. Y. Reflex camera synchronization. 2,365,899; Dec. 26.
Nadler, Rubin C., Cleveland Heights, Ohio. Lamp shade. 2,341,942; Feb. 15.
Naegeli, Rudolf, Bern, Switzerland. Shaving device. 2,352,909; July 4.
Naeser, Paul, Evanston, and M. T. Williams, Oak Park, assignors to B. F. Gump Co., Chicago, Ill. Apparatus for treating wheat germs. 2,355,670; Aug. 15.
Naeser, Paul, and W. M. Williams, Evanston, assignors to B. F. Gump Co., Chicago, Ill. Apparatus for treating germs of wheat. 2,355,671; Aug. 15.
Naftali, Henry and V., Bronx, assignors, by mesne assignments, to Dimple Tie Corporation, New York, N. Y. Necktie. 2,347,708; May 2.
Naftali, Valentine. (See Naftali, Henry and V.)
Naftali, Valentine, Pelham Manor, N. Y., assignor to American Machine and Foundry Company. Under and over stitching machine. 2,357,347; Sept. 5.
Nagel, August, Stuttgart-Degerloch, Germany; vested in the Alien Property Custodian. Film feed lock and shutter tensioning mechanism for cameras. 2,364,466; Dec. 5.
Nagel, Charles H. (See MacKay, J. A., and Nagel.)
Nagel, George W., Catonsville, and M. A. Schultz, Baltimore, Md., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Frequency-dividing circuit. 2,365,583; Dec. 19.
Nagel, Hugo. (See Pitt, F. H. G., and Nagel.)
Nagel, Theodore. (See Bliss, Harold D., assignor.)
Nagel, Theodore, Brooklyn, N. Y. Apparatus for burning oil. 2,344,519; Mar. 21.
Nagel, Theodore, Brooklyn, N. Y. Oil burner. 2,359,049; Sept. 26.
Nagel, Theodore, Brooklyn, N. Y. Water circuit steam generator. 2,360,260; Oct. 10.
Nagelvoort, Adriaan, Salt Lake City, Utah. Purifying resins. 2,364,090; Dec. 5.
Nagelvoort, Adriaan, Salt Lake City, Utah. Recovering resins from coal. 2,364,091; Dec. 5.
Nagerotte, Rene F., Waterbury, Conn. Dispensing container. 2,356,874; Aug. 29.
Nagin, Harold, Pittsburgh, assignor to Reliance Steel Products Company, McKeesport, Pa. Portable bridge structure. 2,339,098; Jan. 11.
Nagin, Harold, Pittsburgh, assignor to Reliance Steel Products Company, McKeesport, Pa. Self-locking bolt. 2,361,491; Oct. 31.
Nagle, Harold J., et al. (See Copp, Nelson H., assignor.)
Nagle, Reginald A., et al. (See Copp, Nelson H., assignor.)
Nagle, Richard E. (See Eastman, du B., Nagle, and Savage, assignors.)
Nagle, Richard E. (See Horton, F., Kemp, Nagle, and Stoville.)
Nagle, Richard E., assignor, by mesne assignments, to The Texas Company, New York, N. Y. Catalytic conversion of hydrocarbons. 2,348,836; May 16.
Nagle, Richard E., New York, and D. K. Beavon, Fleetwood, assignors, by mesne assignments, to The Texas Company, New York, N. Y. Apparatus for subjecting fluids to contact with solid pulverulent material. 2,346,501; Apr. 11.
Nagle, Wesley M. (See Cavanaugh, R. M., and Nagle.)
Nagler, Frederick W., et al. (See Schreib, Joseph, assignor.)
Nagy, Andrew, Jr., Monongahela, Pa. Automatic stop for belt conveyers. 2,345,415; Mar. 28.
Nagy, Daniel E. (See Thurston, J. T., and Nagy.)
Nagy, Rudolph, Bloomfield, and H. C. Rentschler, East Orange, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Sterilization and treatment of food using low concentrations of ozone. 2,339,507; Jan. 18.
Naiden, William, assignor of one-half to E. Varrone, New York, N. Y. Altimeter for obtaining actual altitude of aircraft. 2,362,393; Nov. 7.
Nail, Walter P., Toronto, Ontario, Canada. Tool for servicing battery terminals. 2,343,350; Nov. 21.
Nakarian, Herand K., Beaver, Pa., assignor to St. Joseph Lead Company, New York, N. Y. Furnace charge distribution. 2,358,024; Sept. 12.
Nakagawa, Toyosaburo, Shimonoseki, Yamaguchi-Ken, Japan; vested in the Alien Property Custodian. Airplane float capable of being expanded and contracted. 2,345,143; Mar. 28.
Naken, Morris I., Chicago, Ill. Chest for silverware. 2,366,046; Dec. 26.
Naleo Inc. (See Straus, Edwin G., assignor.)
Nalle, Charles R., Philadelphia, Pa. Caster. 2,339,577; Jan. 18.
Nalle, Charles R., Philadelphia, Pa. Adjustable caster. 2,365,287; Dec. 19.
Nallinger, Fritz, and W. Glamann, Stuttgart, Germany; vested in the Alien Property Custodian. Internal combustion engine. 2,338,959; Jan. 11.
Nalven & Son, Inc. (See Orgass, Rudolph, assignor.)
Namur, Carl A., assignor to Specialty Brass Company, Incorporated, Kenosha, Wis. Rotary seal for pumps. 2,339,099; Jan. 11.
Nankervis, George L., assignor to G. L. Nankervis Co., Detroit, Mich. Anodizing rack. 2,346,386; Apr. 11.
Nankervis, George L., Co. (See Nankervis, George L., assignor.)
Napier, Charles H., Bethesda, Md. Hydraulic control mechanism. 2,349,295; May 23.
Napier, D., & Son Limited. (See Halford, Frank B., assignor.)
Napier, D., & Son Limited. (See Halford, F. B., and Catford, assignors.)
Napier, D., & Son Limited. (See Halford, F. B., and Wallace, assignors.)
Napier, D., & Son Limited. (See Youhill, Joseph, assignor.)
Naponen, Thomas, Worcester, Mass. Pincers for wire-drawing blocks. 2,361,646; Oct. 31.
Naramore, William W., Bridgeport, Conn. Viewer for transparencies. 2,345,416; Mar. 28.
Naranick, Nicholas T., U. S. Army, Casper, Wyo. Holder for self-heating ration containers. 2,347,212; Apr. 25.
Nardi, John M., Detroit, Mich. Gauge for setting boring bar cutters. 2,341,466; Feb. 8.
Nardone, Romeo M., Westwood, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine starting mechanism. 2,338,594; Jan. 4.
Nardone, Romeo M., Westwood, assignor to Bendix Aviation Corporation, Bendix, N. J. Engine starting mechanism. 2,345,417; Mar. 28.
Nardone, Romeo M., Westwood, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine starting mechanism. 2,347,788; May 2.
Nardone, Romeo M., Westwood, assignor to Bendix Aviation Corporation, Bendix, N. J. Electrical apparatus. 2,353,317; July 11.
Nardulli, Peter F., Chicago, Ill., assignor to Consolidated Trimming Corporation, New York, N. Y. Machine for crocheting sheathings about cores. 2,348,746; May 16.
Narracott, Eric S. (See Fawcett, E. W. M., and Narracott.)
Narrow Fabric Company, The. (See Fry, Samuel R., assignor.)
Nash Engineering Company. (See Adams, Harold E., assignor.)
Nash, J. M., Company. (See Zempel, Edward A., assignor.)
Nash, James, assignor to W. H. Murphy, executor of H. De Lisle, deceased, doing business as Engineering Sales Company, Sheboygan, Wis. Drafting instrument and the like. 2,364,805; Dec. 12.
Nash, James, assignor to W. H. Murphy, executor of H. De Lisle, deceased, doing business as Engineering Sales Company, Sheboygan, Wis. Pivoted leg instrument. 2,364,806; Dec. 12.
Nash-Kelvinator Corporation. (See Armstrong, George M., assignor.)
Nash-Kelvinator Corporation. (See Benzick, Alexander, assignor.)
Nash-Kelvinator Corporation. (See Berry, Wallace S., assignor.)
Nash-Kelvinator Corporation. (See Costley, Henry R., assignor.)
Nash-Kelvinator Corporation. (See Drake, Earl D., assignor.)
Nash-Kelvinator Corporation. (See Goulooze, Martin J., assignor.)
Nash Kelvinator Corporation. (See Kishline, Floyd F., assignor.)
Nash-Kelvinator Corporation. (See Phelps, Ross H., assignor.)
Nash-Kelvinator Corporation. (See Philipp, Lawrence A., assignor.)
Nash-Kelvinator Corporation. (See Ulrich, Theodore, assignor.)
Nash-Kelvinator Corporation. (See Wahlberg, Nils E., assignor.)
Nash-Kelvinator Corporation. (See Wahlberg, N. E., and Phelps, assignors.)
Nash-Kelvinator Corporation. (See Wood, Harry F., assignor.)
Nash, Richard L. (See Rhoads, R. D., and Nash)
Nash, Roy W., Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of viscose. 2,338,196; Jan. 4.
Nash, Rutland O. (See Lubbock, I., and Nash.)
Nashua Gummed and Coated Paper Company. (See Gautier, Trevor R., assignor.)
Nashua Gummed and Coated Paper Company. (See Hoitt, Robert W., assignor.)
Nasmith, John W., Heaton Mersey, Manchester, England. Combing machine. 2,363,546; Nov. 28.
Nasmith, John W., Heaton Mersey, Manchester, England. Combing machine for textile fibers. 2,365,210; Dec. 19.
Nason, Howard K., assignor to Monsanto Chemical Company, St. Louis, Mo. Plastic polyvinyl acetal compositions. 2,360,306; Oct. 10.
Nason, R. N. & Co. (See Dicks, Clarence, assignor.)
Nassau Smelting & Refining Company. (See Corren, Sidney A., assignor.)
Nassau Smelting & Refining Company. (See Deitz, Louis S., Jr., assignor.)

Nassau Smelting & Refining Company. (See Mansfield, Bernard, assignor.)
Nassau Smelting & Refining Company. (See Stack, James R.)
Nassimbene, Ernest, assignor to The Gates Rubber Company, Denver, Colo. V-type belt. 2,361,645; Oct. 31.
Nassour, Edward, Los Angeles, Calif. Producing figures for animated photography. 2,358,530; Sept. 19.
Nast, Leo, Fanwood, N. J., assignor to United Plastics Corporation, New York, N. Y. Noninflammable and shockproof hollow vessel. 2,343,470; Mar. 7.
Nath Chakravorty, Purnendu. (See Wallis, E. S., and Nath Chakravorty.)
Nathan, Emanuel, Maplewood, N. J. Spectacle case. 2,351,447; June 13.
Nathan, Emanuel, Maplewood, N. J. Spectacle case. 2,353,413; July 11.
Nathan Manufacturing Company. (See Folke, Bengt E., assignor.)
National Agrol Company. (See Christensen, Leo M., assignor.)
National Agrol Company, The. (See Hale, William J., assignor.)
National Airoil Burner Company. (See Ferguson, William, assignor.)
National Airoil Burner Company. (See Straitz, John F., assignor.)
National Aluminate Corporation. (See Fink, G. J., and Richardson, assignors.)
National Aluminate Corporation. (See Lindsay, F. K., and Willey, assignors.)
National Automotive Fibres, Inc. (See Bolen, E. P., and Detrick, assignors.)
National Automotive Fibres, Inc. (See Bolen, E. P., and Lind, assignors.)
National Automotive Fibres, Incorporated. (See Carlin, Alexander, assignor.)
National Automotive Fibres, Inc. (See Cunnington, George R., assignor.)
National Automotive Fibres, Inc. (See Detrick, Edward R., assignor.)
National Automotive Fibres, Inc. (See Faris, H. P., and White, assignors.)
National Automotive Fibres, Inc. (See Lind, A. C., and Carlin, assignors.)
National Biscuit Company. (See Behrent, E., and Marresford, assignors.)
National Biscuit Company. (See Davidson, Bruce J., assignor.)
National Biscuit Company. (See McKay, Eugene H., assignor.)
National Blank Book Company. (See Schade, John, assignor.)
National Bread Wrapping Machine Co. (See Hoppe, William, assignor.)
National Bread Wrapping Machine Co. (See Hoppe, W., and Roberts, assignors.)
National Broach & Machine Company. (See Mentley, Max B., assignor.)
National Broach & Machine Company. (See Mentley, M. B., and Austin, assignors.)
National Can Corporation. (See Hopkins, Arthur G., assignor.)
National Carbon Company. (See Hosfield, Lee C., assignor.)
National Carbon Company. (See Schumacher, E. A., and Heise, assignors.)
National Carbon Company. (See Smith, Ralph R., assignor.)
National Cash Register Company, The. (See Carroll, William M., assignor.)
National Cash Register Company, The. (See Chollar, Robert G., assignor.)
National Cash Register Company, The. (See de Rosa, Louis A., assignor.)
National Cash Register Company, The. (See Doelker, William J., assignor.)
National Cash Register Company, The. (See Goebel, Robert S., assignor.)
National Cash Register Company, The. (See Hughes, Daniel K., assignor.)
National Cash Register Company, The. (See Hughes, D. K., and Klosterman, assignors.)
National Cash Register Company, The. (See Klosterman, Joseph J., assignor.)
National Cash Register Company, The. (See Oswald, G. J., and Cronin, assignors.)
National Cash Register Company, The. (See Placke, Everett H., assignor.)
National Cash Register Company, The. (See Saxby, Frank R., assignor.)
National Cash Register Company, The. (See Shollar, Robert G., assignor.)
National Cash Register Company, The. (See Shultz, F. A., Speckman, Woolley, Mahlmeister, and Barnum, assignors.)
National Cash Register Company, The. (See Spurlino, P., Goodbar, and Frost, assignors.)
National Cash Register Company, The. (See Spurlino, P., and Rauch, assignors.)
National Cash Register Company, The. (See Whitmore, Robert M., assignor.)
National Colortype Company, The. (See Ryder, Charles D., assignor.)
National Company. (See Ferrill, Thomas M., Jr., assignor.)
National Company, Inc. (See Smith, Graydon, assignor.)
National Cotton Council of America. (See Nickerson, Ralph F., assignor.)
National Cylinder Gas Company. (See Chouinard, A. F., and Bordeaux, assignors.)
National Cylinder Gas Company. (See Long, Russell E., assignor.)
National Cylinder Gas Company. (See Mott, C., and Chouinard, assignors.)
National Cylinder Gas Company. (See Mott, C., Chouinard, and Harding, assignors.)
National Dairy Products Corporation. (See Atwood, Francis C., assignor.)
National Distillers Products Corporation. (See Pattee, Ellis C., assignor.)
National Electric Instrument Co. Inc. (See Arnesen, Walter A., assignor.)
National Engineering Foundation, Inc. (See Farrell, Joseph E., assignor.)
National Fireworks, Inc. (See Brandt, Francis L., assignor.)
National Fireworks, Inc. (See Le Gore, J. P., and Brandt, assignors.)
National Fitch Corporation. (See Norbom, Ragnar A., assignor.)
National Folding Box Company. (See Carruth, Herman A., assignor.)
National Folding Box Company. (See Mabee, David W., assignor.)
National Folding Box Company. (See Ringler, William A., assignor.)
National Folding Box Company. (See Williamson, Marshall I., assignor.)
National Gypsum Company. (See Crandell, Dean D., assignor.)
National Gypsum Company. (See Manofsky, John J., assignor.)
National Gypsum Company. (See Manofsky, J. J., assignor.)
National Hosiery Mills, Inc. (See Goodman, Jacob A., assignor.)
National Lead Company. (See Bolley, Don S., assignor.)
National Lead Company. (See Dahlstrom, Roy, assignor.)
National Lead Company. (See Dittmer, Joseph C., assignor.)
National Lead Company. (See Espenschied, Helmut, assignor.)
National Lead Company. (See Kingsbury, F. L., and Schmidt, assignors.)
National Lead Company. (See Kingsbury, F. L., and Schultz, assignors.)
National Lead Company. (See Lanz, H. C., Jr., and Larsen, assignors.)
National Lead Company. (See Meister, Walter F., assignor.)
National Lead Company. (See Moran, W. G., and Cole, assignors.)
National Lead Company. (See Nelson, Walter K., assignor.)
National Lead Company. (See Plechner, W. W., and Jarmus, assignors.)
National Lead Company. (See Robertson, Durant W., assignor.)
National Lead Company. (See Schorger, Arlie W., assignor.)
National Lead Company. (See Stewart, A., and Willihnganz, assignors.)
National Lead Company. (See Wilson, R. W., Long, and Randolph, assignors.)
National Lock Co. (Burke, William O., assignor.)
National Lock Co. (See North, E. W., and Stone, assignors.)
National Lock Washer Company, The. (See Kuehlman, Norman V., assignor.)
National Lock Washer Company, The. (See Mohun, John L., assignor.)
National Lock Washer Company, The. (See Schunk, Joseph, assignor.)
National Machine Works. (See Haedike, Edward J., assignor.)
National Malleable and Steel Castings Company. (See Blackmore, William, assignor.)
National Malleable and Steel Castings Company. (See Eler, John L., assignor.)
National Malleable and Steel Castings Company. (See Kloss, Elmer C., assignor.)
National Malleable and Steel Castings Company. (See Metzger, William J., assignor.)
National Malleable and Steel Castings Company. (See Spence, H. L., and Eler, assignors.)
National Marking Machine Company, The. (See Carothers, T. A., and Keuper, assignors.)
National Marking Machine Company, The. (See Migliarese, John, assignor.)
National Marking Machine Company, The. (See Sell, Francis M., assignor.)
National Oil Products Company. (See Briod, A. E., and Buxton, assignors.)
National Oil Products Company. (See Buxton, Loran O., assignor.)

National Oil Products Company. (See Buxton, L. O., and Rosenberg, assignors.)
National Oil Products Company. (See Davis, G. D., and Abramowitz, assignors.)
National Oil Products Company. (See De Castro, Arthur, assignor.)
National Oil Products Company. (See Dombrow, Bernard A., assignor.)
National Oil Products Company. (See Fritz, J. H., and Robinson, assignors.)
National Oil Products Company. (See Kelley, Maurice J., assignor.)
National Oil Products Company. (See Kelley, M. J., and Robinson, assignors.)
National Oil Products Company. (See Licata, F. J., and Nathum, assignors.)
National Oil Products Company. (See Lighthipe, Charles H., assignor.)
National Oil Products Company. (See Porter, R. E., and Wolfson, assignors.)
National Oil Products Company. (See Price, D., and Griffith, assignors.)
National Oil Products Company. (See Price, D., and Kipp, assignors.)
National Oil Products Company. (See Robinson, E. A., and Davis, assignors.)
National Oil Products Company. (See Robinson, E. A., and Kelley, assignors.)
National Oil Products Company. (See Robinson, E. A., and Porter, assignors.)
National Oil Products Company. (See Schaaf, K. H., and Pickel, assignors.)
National Oil Products Company. (See Segessemann, Ernest, assignor.)
National Oil Products Company. (See Stull, A. N., and Abramowitz, assignors.)
National Oil Products Company. (See Ward, Robert W., assignor.)
National Paper and Chemical Company. (See Dodge, Lloyd L., assignor.)
National Paper Box Co. (See Davidson, Samuel O., Jr., assignor.)
National Pneumatic Company. (See Conklin, Roscoe D., assignor.)
National Pneumatic Company. (See Newkirk, John R., assignor.)
National Postal Meter Company. (See Ryan, C. D., and Drake, assignors.)
National Postal Meter Company. (See Ryan, C. D., and Sager, assignors.)
National Rayon Dyeing Company, et al. (See Adams, Arthur H., Jr., assignor.)
National Research Corporation. (See Clark, Joe S., assignor.)
National Research Corporation. (See Humes, William B., assignor.)
National Rubber Machinery Company. (See De Ghetto, Anselm, assignor.)
National Rubber Machinery Company. (See Tornberg, Henning T., assignor.)
National Screen Company. (See Williams, O. T., and Story, assignors.)
National Screw & Manufacturing Company, The. (See Davis, Frank B., assignor.)
National Screw & Manufacturing Company, The. (See Mortus, Benjamin H., assignor.)
National Slug Rejectors, Inc. (See Gottfried, John, assignor.)
National Smelting Company, The. (See Bonsack, Walter, assignor.)
National Stamping & Electric Works. (See Fischer, William H., assignor.)
National Stamping Company. (See Thoma, Willard F., assignor.)
National Stamping Company. (See Thoma, W. F., and Beyer, assignors.)
National Standard Company. (See Berquist, Leonard G., assignor.)
National Steel Corporation. (See Bowen, John E., assignor.)
National Steel Corporation. (See Hillman, Edward H., assignor.)
National Steel Corporation. (See Klein, Clarence J., assignor.)
National Steel Corporation. (See Truesdale, Fredrick J., assignor.)
National Steel Corporation. (See Truesdale, F. J., and Fish, assignors.)
National Steel Partition Co. (See Paulding, David L., assignor.)
National Sugar Refining Company, The. (See Schlegel, J. W., and Lang, assignors.)
National Supply Company, The. (See Babcock, L. L., and Bishop, assignors.)
National Supply Company, The. (See Deschner, Richard E., assignor.)
National Supply Company, The. (See Gillett, Frank L., assignor.)
National Supply Company, The. (See Leman, A. L., and Nevill, assignors.)
National Supply Company, The. (See Spalding, John D., assignor.)
National Supply Company, The. (See Young, Forrest J., assignor.)
National Tank Company. (See Dixon, Philip C., assignor.)
National Tank Company. (See Walker, J. P., and Glasgow, assignors.)
National Technical Laboratories. (See Beckman, Arnold O., assignor.)
National Technical Laboratories. (See Cary, H. H., and Baxter, assignors.)
National Technical Laboratories. (See Cary, H. H., and Marlow, assignors.)
National Telephone Supply Company, The. (See Burns, Leroy H., assignor.)
National Tinsel Manufacturing Company. (See Prots, William C., assignor.)
National Tube Company. (See Bannister, Bryant, assignor.)
National Tube Company. (See Carter, J. W., and Kennedy, assignors.)
National Tube Company. (See Carter, J. W., and Rowe, assignors.)
National Tube Company. (See Dugan, T. M., and Marton, assignors.)
National Tube Company. (See Edwards, W. E., Fletcher, and Robinson, assignors.)
National Tube Company. (See Ericsson, K. A., and Mahla, assignors.)
National Tube Company. (See Findlater, Stevenson, assignor.)
National Tube Company. (See Nielsen, Peer D., assignor.)
National Tube Company. (See Ottinger, Harry, assignor.)
National Tube Company. (See Sanders, Elmer N., assignor.)
National Tube Company. (See Sattele, L. F., and Ziegler, assignors.)
National Tube Company. (See Sneddon, George, Jr., assignor.)
National Tube Company. (See Tinker, Oscar A., assignor.)
National Tube Company. (See Webb, Samuel, assignor.)
National Urn Bag Co. (See Barnett, Louis, assignor.)
National Vendors, Inc. (See Fry, Benjamin W., assignor.)
National Vulcanized Fibre Company. (See Gibson, D. L., and Shoemaker, assignors.)
Natural Products Refining Co. (See Vetter, Joseph J., assignor.)
Natzke, Alfred G., Lynbrook, assignor to Lamar Slide Fastener Corp., New York, N. Y. Mechanism for rolling wire. 2,356,783; Aug. 29.
Naul, James M., Fanwood, N. J. Telemetering instrument. 2,365,430; Dec. 19.
Naul, James M., Fanwood, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Centrifugal motor speed governor having inertia effect. 2,365,657; Dec. 19.
Naumann, Edward J., Baltimore, and J. E. Gilhooly, Catonsville, Md., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Resistor. 2,338,531; Jan. 4.
Nauss, Henry G. (See Nelson, J. F., and Nauss.)
Nauta, Johannes E., Overveen, Netherlands; vested in the Alien Property Custodian. Mixing apparatus, especially adapted for mixing pulverized materials. 2,345,063; Mar. 28.
Navikas, Victor A., Lancaster, Pa., assignor to Armstrong Cork Company. Thermoplastic lacquer. 2,346,600; Apr. 11.
Nawoj, Edward J., Chicago, and J. Sterner, assignors to Baxter Laboratories, Inc., Glenview, Ill. Closure. 2,340,419; Feb. 1.
Naylor, Walter E., assignor to Champion Foundry and Machine Company, Chicago, Ill. Leveling device. 2,343,993; Mar. 14.
Naysmith, Shirley R., Meriden, Conn., assignor to The Miller Company. Enclosed and protected electrical apparatus. 2,362,148; Nov. 7.
Nazar, Nicholas, Newton, assignor to Waltham Watch Company, Waltham, Mass. Electric dashboard instrument. 2,362,021; Nov. 7.
Neal, Ernest C., Chicago, Ill. Rod and cable cutter. 2,355,320; Aug. 8.
Neal, Ernest C., assignor to J. A. Marzall, Chicago, Ill., trustee. Hydraulic mechanism. 2,342,959; Feb. 29.
Neal, Frank, Little Valley, N. Y. Tractor-trailer combination. 2,343,019; Feb. 29.
Neal, Morris P., assignor to A-B-C Packaging Machine Company, Quincy, Ill. Conveyer drive. 2,345,355; Mar. 28.
Neal, Morris P., Quincy, assignor to Ditto, Incorporated, Chicago, Ill. Inking mechanism for duplicating machines. 2,345,681; Apr. 4.
Neal, Morris P., Quincy, assignor to Ditto, Incorporated, Chicago, Ill. Control means for the impression rollers of duplicating machines. 2,349,634; May 23.
Neal, Ralph H. (See Vahlteich, H. W., and Neal.)
Neal, Ralph H., Jersey City, N. J., assignor, by mesne assignments, to The Best Foods, Inc., New York, N. Y. Deodorized oil. 2,351,832; June 20.
Neal, Vay F., Punxsutawney, Pa. Machine pick sharpener. 2,364,160; Dec. 5.
Neale, Dory J., Topeka, Kans. Cable car and spinner attachment. 2,344,051; Mar. 14.
Neale, Dory J., Topeka, Kans. Slack puller. 2,344,052; Mar. 14.

Nebel, Kurt W., Chicago, Ill. Metal-cutting shear. 2,353,922; July 18.
Nebel, Max, Chemnitz, Germany; vested in the Alien Property Custodian. Flat knitting machine. 2,345,064; Mar. 28.
Nebolsine, Ross, Seacliff, N. Y. Apparatus for abstracting stream water. 2,361,231; Oct. 24.
Nebolsine, Ross, Seacliff, N. Y. Concrete ship. 2,365,770; Dec. 26.
Nedell, Murray, Brooklyn, N. Y. Identification badge. 2,341,467; Feb. 8.
Needham, Edward F., Alhambra, Calif. Pipe. 2,349,296; May 23.
Neef, Frederick E., Jr., U. S. Army, Detroit, Mich. Portable fuel dispenser. 2,339,287; Jan. 18.
Neef, Frederick E., Jr., U. S. Army, Dundalk, Md. Adjustable grease pail head. 2,340,896; Feb. 8.
Neef, Frederick E., Jr., U. S. Army. Dispensing nozzle signal. 2,353,181; July 11.
Neely, George L., B. B. Farrington, and V. N. Borsoff, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Pretreated bearing surface and producing the same. 2,343,569; Mar. 7.
Neely, George L., and F. W. Kavanagh, Berkeley, Calif., assignors to Standard Oil Company of California, San Francisco, Calif. Compounded oils. 2,356,685; Aug. 22.
Neely, William H. (See Blumensaadt, S. G., and Neely.)
Neely, William H., Cleveland, Ohio, assignor to J. C. Lincoln, Scottsdale, Ariz. Wire spring for backs of seat constructions. 2,363,351; Nov. 21.
Neenah Foundry Company. (See Keating, James P., assignor.)
Neer, Harry L., Beech Grove, C. H. Wasson, Indianapolis, Ind., and R. L. Neer, Jacksonville, Fla., assignors to Nik-O-Lok Company, Indianapolis, Ind. Blocker means for coin controlled mechanism. 2,347,429; Apr. 25.
Neer, Raymond L. (See Neer, H. L., Wasson, and Neer.)
Neesen, Gerald W., Somerville, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Packing. 2,364,383; Dec. 5.
Neff, Joseph J., South Euclid, assignor, by mesne assignments, to Jack & Heintz, Inc., Cleveland, Ohio. Displacement pickup. 2,361,788; Oct. 31.
Neff, Joseph J., South Euclid, assignor, by mesne assignments, to Jack & Heintz, Inc., Cleveland, Ohio. Electrical caliper. 2,364,237; Dec. 5.
Neff, Wallace, Hollywood, Calif. Building construction. 2,365,145; Dec. 12.
Neff, William E., Bridgeport, Conn., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Yarn production. 2,340,611; Feb. 1.
Neff, William E., Richmond, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Yarn production. 2,350,182; May 30.
Nefzger, Hans A., Hackensack, assignor to New Jersey Machine Corporation, Hoboken, N. J. Labeling machine. 2,356,875; Aug. 29.
Negel, Günther. (See Orlich, P., Negel, and Harts.)
Negretti & Zambra. (See Ibbott, Harold W., assignor.)
Neher, Harry T., Bristol, and W. R. Conn, assignors to Röhm & Haas Company, Philadelphia, Pa. Stabilization of aqueous dispersions of polymers of vinyl esters. 2,339,184; Jan. 11.
Neher, John H., Wynnewood, Pa., assignor to General Electric Company. Protective system. 2,360,151; Oct. 10.
Neher, John H., Wynnewood, Pa., assignor to General Electric Company. Protective system. 2,363,895; Nov. 28.
Neidl, George, Berlin, Germany; vested in the Alien Property Custodian. Pneumatic device for raising and conveying semisolids. 2,347,213; Apr. 25.
Neighbors, Charles C., assignor to Johnson Laboratories, Inc., Chicago, Ill. High frequency core material and core. 2,365,720; Dec. 26.
Neighbour, Leonard B., and F. T. Court, Moline, and B. R. Haverstick, Rock Island, assignors to Deere & Company, Moline, Ill. Wagon dump. 2,349,911; May 30.
Neiman, Robert. (See Steinbock, E. D., and Neiman.)
Neiman, Robert, assignor to E. A. Steinbock, Louisville, Ky. Investment composition. 2,345,211; Mar. 28.
Neises, Reuben, Winona, Minn. Honey filter. 2,359,238; Sept. 26.
Neiswinter, James T., South Orange, N. J., assignor to American Telephone and Telegraph Company. Dial controlled signaling system. 2,345,987; Apr. 4.
Neiswinter, James T., South Orange, N. J. and O. P. Horsey, Cleveland, Ohio, assignors to American Telephone and Telegraph Company. Damping means for current responsive apparatus. 2,347,497; Apr. 25.
Neitzel, Frans. (See Glens, K., and Neitzel.)
Neivert, Harry, New York, N. Y. Combined cigarette and match package. 2,351,223; June 13.
Neklutin, Constantine N., Normandy, Mo. Motorboat. 2,341,159; Feb. 8.
Nelio Resin Processing Corporation. (See Bain, Joseph P., assignor.)
Nell, James W., Nutley, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Phonograph record. 2,364,545; Dec. 5.
Nelles, Johannes, Leverkusen-Schlebusch, O. Bayer and W. Tischbein, Leverkusen-I. G.-Werk, and F. Baehren, Dormagen, Kasino, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Animalizing of cellulosic materials. 2,356,079; Aug. 15.
Nellis, Le Roy J., New Orleans, La. Electrode holder. 2,357,844; Sept. 12.
Nelly, Henry M., Jr. (See Degnen, W. J., Nelly, and Keith.)
Nelsen, Marvin G., Skokie, assignor to Guardian Electric Manufacturing Co., Chicago, Ill. Electromagnet. 2,360,008; Oct. 10.
Nelson, Adolph, near Las Animas, Colo. Ship repair patch. 2,365,488; Dec. 19.
Nelson, Alden W., Pawtucket, R. I., assignor to Brown and Sharpe Manufacturing Company. Chucking device for use in screw and similar machines. 2,343,570; Mar. 7.
Nelson, Alex E., assignor to Stanley E. Lindahl, Los Angeles, Calif. Fixed maximum torue tension wrench. 2,362,149; Nov. 7.
Nelson, Arthur W., Park Ridge, assignor to Apex Railway Products Co., Chicago, Ill. Reticulated metal walkway and producing same. 2,338,197; Jan. 4.
Nelson, Arthur W., Park Ridge, assignor to Apex Railway Products Co., Chicago, Ill. Reticulated metal walkway and producing same. 2,350,412; June 6.
Nelson, Arthur W., Park Ridge, assignor to Locomotive Firebox Company, Chicago, Ill. Locomotive boiler firebox. 2,356,263; Aug. 22.
Nelson, Arthur W., Park Ridge, assignor to Locomotive Firebox Company, Chicago, Ill. Locomotive boiler firebox. 2,356,264; Aug. 22.
Nelson, Carl R., Kansas City, Mo. Cattle dehorner. 2,360,441; Oct. 17.
Nelson, Christian V., Minneapolis, Minn., assignor to General Mills, Inc. Individual package. 2,343,222; Feb. 29.
Nelson, Clyde E., Chipley, Fla. Cultivator. 2,342,423; Feb. 22.
Nelson, David G., New Kensington, and J. C. Runco, Arnold, assignors to Aluminum Company of America, Pittsburgh, Pa. Multiple punch press. 2,357,683; Sept. 5.
Nelson, Edward F., San Leandro, Calif. Welding studs. 2,355,099; Aug. 8.
Nelson, Edwin F., assignor to Universal Oil Products Company, Chicago, Ill. Hydrocarbon conversion. 2,353,923; July 18.
Nelson, George H., and A. M. MacFarland, Freeport, assignors to Burgess Battery Company, Chicago, Ill. Dry cell apparatus. 2,355,232; Aug. 8.
Nelson, Glen A., U. S. Army, Camp San Luis Obispo, Calif. Subcaliber adapter. 2,342,684; Feb. 29.
Nelson, Harold E. (See Fedorchak, W. J., Jackson, McCormick, Heyne, and Nelson.)
Nelson, Herman S., Minneapolis, Minn. Fresh air supplying device. 2,341,113; Feb. 8.
Nelson, James J., Anaconda, Mont., assignor to Anaconda Copper Mining Company. Recovery of vanadium. 2,357,488; Sept. 5.
Nelson, John P., Wausau, Wis. Nailing machine. 2,341,737; Feb. 15.
Nelson, John W. (See Rakos, Joseph F., assignor.)
Nelson, Joseph F., Elizabeth, N. J., assignor to Standard Oil Development Company. Preparation of bivalent metal derivatives of weakly acidic organic compounds. 2,342,887; Feb. 29.
Nelson, Joseph F., Elizabeth, N. J., assignor to Standard Oil Development Company. Lubricating oil composition. 2,354,536; July 25.
Nelson, Joseph F., Parsons, Kans., and H. G. Nauss, assignors to Kerr Dental Manufacturing Co., Detroit, Mich. Forming artificial dentures. 2,358,730; Sept. 19.
Nelson, Lawrence, Jr., assignor of one-half to S. R. Pletz, Chicago, Ill. Fish lure container. 2,364,807; Dec. 12.
Nelson, Lee, Texas City, Tex. Load hoisting tong. 2,347,361; Apr. 25.
Nelson, Lee, Texas City, Tex. Hoisting tong. 2,347,922; May 2.
Nelson, Lewen R., Peoria, Ill. Producing coupling parts. 2,338,665; Jan. 4.
Nelson, Lewen R., Peoria, Ill. Securing fittings to hose-ends. 2,338,666; Jan. 4.
Nelson, Martin L., Park Ridge, Ill., assignor to Automatic Electric Laboratories, Inc. Totalizing system. 2,345,212; Mar. 28.
Nelson, Mildred P., et al. (See Polsen, S. D., and Nelson, assignors.)
Nelson, Nels H., Minneapolis, Minn. Traction wheel. 2,361,864; Oct. 31.
Nelson, Oscar G. (See Henning, G. E., Nelson, and Wagner.)
Nelson, Oscar G. (See Larsen, E. J., and Nelson.)
Nelson, Oscar G., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Strand handling apparatus. 2,364,808; Dec. 12.
Nelson, Richard N. (See Moore, W. T., and Nelson.)
Nelson, Richard N., Black River Falls, Wis. Explosive bullet. 2,364,646; Dec. 12.

Nelson, Robert F., Ardmore, and J. N. Tuttle, Philadelphia, assignors to The Glassine Paper Company, West Conshohocken, Pa. Papermaking method and apparatus. 2,355,391; Aug. 8.

Nelson, Robert M., Evanston, assignor to Peerless Equipment, Chicago, Ill. Assembly maintaining and sealing means for draft gears. 2,338,453; Jan. 4.

Nelson, Rolland D., Hales Corners, assignor to Line Material Company, South Milwaukee, Wis. Electromagnetic device. 2,360,511; Oct. 17.

Nelson, Roy F., Scarsdale, N. Y., and W. Moore, and N. W. Faust, Port Arthur, Tex., assignors, by mesne assignments, to The Texas Company, New York, N. Y. Lubricants. 2,358,939; Sept. 26.

Nelson, Sven H. (See Polsen, S. D., and Nelson.)

Nelson, Ted, San Leandro, Calif. Shielded lock clip. 2,345,768; Apr. 4.

Nelson, Virginia P., New York, N. Y. Attaching bracket for canopy supports and canopies. 2,357,056; Aug. 29.

Nelson, Walter K., Metuchen, N. J., assignor to National Lead Company, New York, N. Y. Chalk-resistant titanium dioxide pigment and preparing the same. 2,343,322; Apr. 11.

Németh, Béla, Keszthely, Hungary; vested in the Alien Property Custodian. Seed cultivation. 2,350,801; June 6.

Nemnich, Gustav, assignor to Kin-O-Lux, Inc., New York, N. Y. Motion-picture mechanism. 2,364,746; Dec. 12.

Nennlnger, Lester F., E. D. Vancil, and F. A. Hassman, assignors to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Lubrication system for machine tools. 2,349,597; May 23.

Nensel, Berthold H., Tenafly, N. J. Circuit controlling device for flashlights. 2,360,152; Oct. 10.

Neptune Meter Company. (See Bugg, Kenly C., assignor.)

Neptune Meter Company. (See Hazard, Charles S., assignor.)

Neracher, Carl A., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Fluid coupling. 2,358,469; Sept. 19.

Neracher, Carl A., W. T. Dunn, A. J. Syrovy, and O. W. Schotz, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Power transmission. 2,342,960; Feb. 29.

Neracher, Carl A., W. T. Dunn, A. J. Syrovy, and O. W. Schotz, Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Power transmission. 2,349,297; May 23.

Nerken, Albert I. (See Polin, H. S. and (Nerken, assignor).)

Nerken, Albert I. (See Polin, H. S., and Nerken.)

Nerlinger, Ludwig F., Marshallton, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coating a pigment and coating composition containing the treated pigment. 2,366,047; Dec. 26.

Nerney, George E., assignor to Bay State Optical Company, Attleboro, Mass. Eyeglass construction. 2,345,065; Mar. 28.

Nerney, George E., assignor to Bay State Optical Company, Attleboro, Mass. Eyeglass construction. 2,357,604; Sept. 5.

Nerney, George E., assignor to Bay State Optical Company, Attleboro, Mass. Eyeglass construction. 2,359,666; Oct. 3.

Nerwin, Hubert, Dresden, Germany; vested in the Alien Property Custodian. Roll-film camera. 2,351,999; June 20.

Nesbit, Paul W., Estes Park, Colo. Educational apparatus. 2,340,251; Jan. 25.

Ness, Harold J., Bloomfield, N. J., assignor to Metallurgical Processes Co. Producing protective atmospheres. 2,346,698; Apr. 18.

Nestle's Milk Products, Inc. (See Griffin, Harry L., assignor.)

Netalová, Anna, and A. Wolfová, Prague, Bohemia-Moravia; vested in the Alien Property Custodian. Bottle closure. 2,354,043; July 18.

Netherly, George P., and B. S. Cross, St. Paul, Minn., and G. R. Anderson, Wilmington, Del., assignors to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Abrasive articles and making the same. 2,357,348; Sept. 5.

Nettel, Friedrich, Manhasset, N. Y. Combustion turbine. 2,339,185; Jan. 11.

Nettel, Friedrich, Manhasset, N. Y. Starting combustion turbines. 2,362,714; Nov. 14.

Netting, Ralph B., Grosse Pointe, Mich. Light fixture. 2,339,100; Jan. 11.

Netzky, John, assignor to W. Netzky, trading as Susquehanna Waist Company, Philadelphia, Pa. Ladies' slacks and the like. 2,355,745; Aug. 15.

Netzky, William. (See Netzky, John, assignor.)

Neubauer, Arthur W. (See Bain, W. M., and Neubauer.)

Neubaum, Archie A., and T. Engstrom, Gary, Ind. Retarder for cars on tracks. 2,354,473; July 25.

Neuberg, Carl A., assignor to Warwick Chemical Corp., New York, N. Y. Manufacture of solid invertase products. 2,361,315; Oct. 24.

Neufeld, Jacob. (See Scherbatskoy, S. A., Swift, Fearon, and Neufeld.)

Neuhart, Andrew, West View, assignor to Miller Printing Machinery Co., Pittsburgh, Pa. Sheet delivery. 2,358,345; Sept. 19.

Neuhaus, Theodore A. (See Holzmer, M., and Neuhaus.)

Neuland, Alfons H., Cleveland, Ohio. Fluid pump and motor. 2,353,780; July 18.

Neuman, David L., U. S. Army, Columbus, Ohio. Increasing dredge output. 2,346,180; Apr. 11.

Neuman, Jacob J. (See Lienau, J. H., and Neuman.)

Neuman, Jacob J., South Salem, N. Y. Continuous centrifugal extractor. 2,341,230; Feb. 8.

Neumann, George. (See Hartwig, George W., assignor.)

Neumann, Hans. (See Dannöhl, W., and Neumann.)

Neumann, Leopold, assignor, by mesne assignments, to Super-Sound Inc., New York, N. Y. Sound-recording apparatus. 2,341,468; Feb. 8.

Neumann, Leopold, assignor to Multiprises, Inc., New York, N. Y. Recording and reproducing sound. 2,343,114; Feb. 29.

Neumark, Hans R., Forest Hills, assignor to General Chemical Company, New York, N. Y. Recovery of alkali metal cyanates. 2,345,826; Apr. 4.

Neumark, Hans R., Forest Hills, assignor to General Chemical Company, New York, N. Y. Electrolytic preparation of alkali metal ferricyanides. 2,353,781; July 18.

Neumark, Hans R., Forest Hills, assignor to General Chemical Company, New York, N. Y. Electrolytic preparation of sodium ferricyanide. 2,353,782; July 18.

Neuner, Martin, Fairview, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Driving mechanism. 2,345,418; Mar. 28.

Neuner, Martin, Fairview, assignor to Bendix Aviation Corporation, Bendix, N. J. Electric apparatus. 2,351,448; June 13.

Neuschaefer, Franz, deceased; H. Neushaefer, executrix, assignor to H. Neuschaefer, Rye, N. Y. Manufacturing brushes. 2,363,685; Nov. 28.

Neuschaefer, Helen, executorix. (See Neuschaefer, Franz, assignor.)

Neuwirth, Herman, Brooklyn, assignor to Testrite Instrument Company, Inc., New York, N. Y. Film developing apparatus. 2,345,682; Apr. 4.

Never-Clog Products, Inc. (See Vogel, Max, assignor.)

Neverdal, Harold E., Tacoma, Wash. Beam bending machine. 2,347,575; Apr. 25.

Neveroil Bearing Co. (See Kelleher, Joseph T., assignor.)

Neveroil Bearing Co., et al. (See Kelleher, Joseph T., assignor.)

Nevill, Gale E. (See Leman, A. L., and Nevill.)

Neville Company, The. (See Geiger, Lyle M., assignor.)

Nevin, Donald A., Cleveland Heights, Ohio. Key punch attachment. 2,342,516; Feb. 22.

Nevin, Donald A., Cleveland Heights, Ohio. Card and the like for sequence sorting. 2,342,517; Feb. 22.

Nevin, Donald A., assignor to The McBee Company, Athens, Ohio. Apparatus for verifying punchings or notchings in sheets. 2,345,858; Apr. 4.

Nevin, Harry L., Sr., Anderson, Ind. Rip envelope. 2,350,802; June 6.

Nevins-Church Press, The. (See Locke, Edwin A., Jr., assignor.)

Nevins-Church Press, The. (See Nevins, Matthew J., Jr., assignor.)

Nevins, Matthew J., Jr., West Orange, N. J., assignor to The Nevins-Church Press, New York, N. Y. Container attachment. 2,340,976; Feb. 8.

New, Archibald A., S. G. Foord, and D. R. Beckwith, London, England, assignors to International Standard Electric Corporation, New York, N. Y. Electric insulating material. 2,365,646; Dec. 19.

Newall, Archibald P., Glasgow, Scotland. Manufacturing waisted bolts. 2,341,469; Feb. 8.

Newall, Archibald P., Glasgow, Scotland. Manufacture of stud-bolts. 2,356,686; Aug. 22.

Newark Engineering Company. (See McDonell, Frank W., assignor.)

Newark Paper Box Company. (See Rush, Augustus T., assignor.)

Newark Stove Company. (See Bradbury, William T., assignor.)

Newberger, Michael P. (See Stern, N. R., and Newberger.)

Newberry, Lawrence C., Long Beach, Calif. Wrench. 2,365,139; Dec. 12.

Newberry, Meigs W., South Windsor, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,341,470; Feb. 8.

Newberry, Meigs W., South Windsor, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,346,323; Apr. 11.

Newberry, Meigs W., South Windsor, assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,364,809; Dec. 12.

New Britain Machine Company, The. (See Gridley, George O., assignor.)

New Britain Machine Company, The. (See Jobert, A. H., and Taravella, assignors.)

New Britain Machine Company, The. (See Montgomery, Donald H., assignor.)

New Britain Machine Company, The. (See Montgomery, D. H., and Kirk, assignors.)

Newburg, Edward C., Lackawanna, N. Y., assignor to Bethlehem Steel Company. Combination gas and liquid fuel burner. 2,343,873; Mar. 14.

Newbury, George, Hutton Mount, assignor to May & Baker, Limited, London, England. Sulphanilamidothiazoles. 2,362,087; Nov. 7.

Newby, Neal D. (See Moody, D. L., Newby, and Shipley.)

Newby, Neal D., Leonia, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,350,917; June 6.

Newby, Neal D., Leonia, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Selecting system. 2,351,360; June 13.

Newcomb, Leroy, San Gabriel, assignor to Emsco Derrick & Equipment Company, Los Angeles, Calif. Brake cooling system. 2,362,581; Nov. 14.

Newcomb, Raymond I., Chicago, Ill. Apparatus for releasing the fibers from straw, or other fibrous material. 2,353,489; July 11.

Newcomb, Robert D., Los Angeles, Calif. Automatic volume control. 2,350,803; June 6.

Newcombe, Clare K., Lancashire, assignor to Heat Pumps Limited, London, England. Liquid cooling system for internal-combustion engines. 2,353,966; July 18.

Newcombe, Clare K., Manchester, assignor to Heat Pumps Limited, London, England. Supercharger for internal-combustion engines. 2,360,969; Oct. 24.

Newell, Arthur T., Huntington, assignor to Kenyon Instrument Co., Inc., Huntington Station, Long Island, N. Y. Jettison tank valve. 2,362,297; Nov. 7.

Newell, Arthur T., Huntington, assignor to Kenyon Instrument Co., Inc., Huntington Station, Long Island, N. Y. Hull fitting. 2,362,298; Nov. 7.

Newell, Charles E., Temple City, Calif., assignor to American Telephone and Telegraph Company. Telephone call transmitter. 2,358,586; Sept. 19.

Newell, George K. (See McCune, J. C., and Newell.)

Newell, George K., near Pitcairn, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Pilot mechanism. 2,339,421; Jan. 18.

Newell, George K., near Pitcairn, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake mechanism. 2,342,750; Feb. 29.

Newell, George K., near Pitcairn, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Disk brake construction. 2,354,604; July 25.

Newell, George K., near Pitcairn, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Inertia operated control device. 2,363,611; Nov. 28.

Newell, Harold V., assignor of one-fourth to A. Morris, one-fourth to G. E. Smith, and one-fourth to F. A. Logan, Coventry, England. Machinery guard. 2,350,247; May 30.

Newell, Lester S., Boulder, Colo., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Stripper for shell drawing dies. 2,345,857; Apr. 4.

Newell, Marvin H., Lodi, Calif. Cow teat medicator. 2,350,183; May 30.

Newell, William H., New York, assignor to Ford Instrument Company, Inc., Long Island City, N. Y. Fire control system. 2,339,508; Jan. 18.

New England Bedding Company. (See Hoffman, Frank S., assignor.)

New England Concrete Pipe Corporation. (See Eames, Henry C., assignor.)

Newey Brothers Limited. (See Simpson, William, assignor.)

Newey, Herbert A. (See Davis, H. S., and Newey.)

Newey, William H., Hingham, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Closure applying machine. 2,359,932; Oct. 10.

Newhams, William C., assignor to The Dow Chemical Company, Midland, Mich. Recovery of finely-divided magnesium scrap. 2,349,100; May 16.

Newhouse, Ray C., Wauwatosa, Wis. Liquid heater control. 2,361,232; Oct. 24.

Newhouse, Ray C., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Combined ball mill and drier. 2,351,870; June 20.

New Jersey Machine Corporation. (See Brown, John M., assignor.)

New Jersey Machine Corporation. (See Netzger, Hans A., assignor.)

New Jersey Machine Corporation. (See Von Hofe, George W., assignor.)

New Jersey Machine Corporation. (See von Hofe, G. W., and Ketchpel, assignors.)

New Jersey Zinc Company, The. (See Cyr, Howard M., assignor.)

New Jersey Zinc Company, The. (See Halfacre, George F., assignor.)

New Jersey Zinc Company, The. (See Hooey, William C., assignor.)

Newkirk, Clarence E., Orange, Calif. Disk harrow. 2,356,876; Aug. 29.

Newkirk, Edgar D., Skaneateles, assignor to Abal Drilling Corporation, Syracuse, N. Y. Mast. 2,365,900; Dec. 26.

Newkirk, John R., Rahway, N. J., assignor to National Pneumatic Company, New York, N. Y. Door operator. 2,343,316; Mar. 7.

Newlon, Arthur E. (See Rankin, J. A., and Newlon.)

Newlon, George R., assignor to Marietta Manufacturing Company, Point Pleasant, W. Va. Pipe fabricating machine. 2,346,045; Apr. 4.

Newman, Charles, Elizabeth, N. J. Mechanical exercising horse. 2,348,747; May 16.

Newman, David F., Mountain Lakes, N. J., assignor to Trans-Lux Corporation, New York, N. Y. Combined typing-projection system. 2,341,646; Feb. 15.

Newman, Frank. (See Rabkin, W., and Newman.)

Newman, Isidor, New York, N. Y. Drying machine. 2,338,348; Jan. 4.

Newman, John M., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electric motor controller. 2,342,961; Feb. 29.

Newman, John M., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Motor controller. 2,355,321; Aug. 8.

Newman, Max M., Bronx, N. Y. Mechanism for reversing necktie forms. 2,340,420; Feb. 1.

Newman, Max M., New York, N. Y. Device for turning reverse necktie forms. 2,343,020; Feb. 29.

Newman, Max M., New York, N. Y. Device for turning the tubular forms of neckties. 2,352,115; June 20.

Newman, Strother M., assignor of one-half to J. A. Clemm III, Staunton, Va. Carton wrapper. 2,344,559; Mar. 21.

Newman, Thomas A. (See Haglund, H. H., Dickey, and Newman.)

Newman, Thomas P., Geneva, and H. W. Ashby, assignors to Crane Co., Chicago, Ill. Flow control means. 2,348,490; May 9.

Newmarket Manufacturing Company. (See O'Connor, William J., assignor.)

Newport Industries, Inc. (See Palmer, R. C., and Bibb, assignors.)

Newport Industries, Inc. (See Palmer, R. C., and Edelstein, assignors.)

Newport Industries, Inc. (See Palmer, R. C., Oliver, and Edelstein, assignors.)

Newport, Jesse H., Jr. (See Derham, P. A., and Newport.)

New Products Corporation. (See Banker, Oscar H., assignor.)

New Products Corporation. (See Morrison, James L. D., assignor.)

Newsom, Kitchener K., San Francisco, Calif. Box construction. 2,344,999; Mar. 28.

Newsom, Kitchener K., San Francisco, Calif. Box and closure construction. 2,345,000; Mar. 28.

Newsome, John H. (See Wahlstedt, K. A. R., and Newsome.)

Newswanger, Paul S., near Lancaster, Pa. Grinding or polishing machine. 2,365,584; Dec. 19.

Newton, Albert W. (See Newton, William G., assignor.)

Newton, Alwin B., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Utilization of natural heating and cooling effects. 2,342,211; Feb. 22.

Newton, Alwin B., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Multiple switch actuator. 2,342,615; Feb. 22.

Newton, Alwin B., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Electrical timing apparatus. 2,346,079; Apr. 4.

Newton, Alwin B., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Variable capacity compressor. 2,346,987; Apr. 18.

Newton, Alwin B., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control of refrigeration. 2,349,671; May 23.

Newton, Alwin B., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Multizone air conditioning system. 2,351,695; June 20.

Newton, Alwin B., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Stage controlled air conditioning system. 2,352,282; June 27.

Newton, Alwin B., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Refrigeration control system. 2,357,758; Sept. 5.

Newton Brothers (Derby) Limited. (See Newton, Frederick, assignor.)

Newton, Evans K., assignor to Hooker-Electrochemical Company, Niagara Falls, N. Y. Electrical insulating section for metallic conduits. 2,359,239; Sept. 26.

Newton, F. L., Corporation. (See Hersch, Lloyd J., assignor.)

Newton, Frederick, assignor to Newton Brothers (Derby) Limited, Derby, England. Electric regulator. 2,342,008; Feb. 15.

Newton, Frederick, assignor to Newton Brothers (Derby) Limited, Derby, England. Electric regulator. 2,363,612; Nov. 28.

Newton, Gaylord W., Seattle, Wash., and P. Heftler, Grosse Pointe Park, Mich. Spring suspension. 2,354,219; July 25.

Newton, Howard L. (See Merker, H., and Newton.)

Newton, John S. (See Schwendner, A. F., and Newton.)

Newton, John W., Vaucluse, near Sydney, and M. J. Duff-Fyfe, Mosman, near Sydney, assignors to Commercial Steels and Forge Co. (Australia) Pty. Limited, Lidcombe, New South Wales, Australia. Gas compressor. 2,361,316; Oct. 24.

Newton, L. H., & Co., Ltd. (See Bolland, William E., assignor.)

Newton, Lowell R. (See Walter, C. T., and Newton.)

Newton, Lowell R., assignor to Industrial Patents Corporation, Chicago, Ill. Strip forming means. 2,358,278; Sept. 12.

Newton, Norman B., assignor to Crane Co., Chicago, Ill. Internally insulated valve. 2,352,799; July 4.

Newton, Ralph K., and I. C. Prafke, Madison, Wis. Attachment for cigarette packages. 2,354,398; July 25.

Newton, Walter H., assignor to Arvey Corporation, Chicago, Ill. Container. 2,355,233; Aug. 8.
Newton, William G., Prince Albert, assignor to A. W. Newton, Biggar, Saskatchewan, Canada. Metal car seal. 2,350,471; June 6.
Newton, William M., Lomita, and P. H. Jones, Redondo Beach, assignors to Union Oil Company of California, Los Angeles, Calif. Treatment of oil productive sands. 2,342,424; Feb. 22.
New Wrinkle, Inc. (See Drummond, Folsom E., assignor.)
New Wrinkle, Inc. (See Waldie, William A., assignor.)
New York Air Brake Company, The. (See Baldwin, Wayne A., assignor.)
New York Air Brake Company, The. (See Huber, Matthew W., assignor.)
New York Air Brake Company, The. (See Safford, Lewis A., assignor.)
New York Air Brake Company, The. (See Sudduth, Henry N. assignor.)
New York Air Brake Company. (See Vroman, Erwin C., assignor.)
New York Central Railroad Company, The. (See Davidson, Samuel L., assignor.)
New York Central Railroad Company, The. (See Martin, Harry R., assignor.)
Niacet Chemicals Corporation. (See Hopper, Frederick N., assignor.)
Niagara Blower Company. (See Olstad, John Walter, assignor.)
Niagara Blower Company. (See Olstad, M. H., and Williams, assignors.)
Niagara Sprayer and Chemical Co. (See Chater, John A., assignor.)
Niblack, Harley D., Denver, Colo. Massage table. 2,359,933; Oct. 10.
Nicholas, Isaac A., Pittsburgh, Pa. Making bottoms of high temperature basic furnaces. 2,358,652; Sept. 19.
Nicholas, William, Tonawanda, N. Y. First-aid cot. 2,341,789; Oct. 31.
Nicholl, Hugh J., Humboldt, Tenn. Shoe inner sole. 2,343,790; Mar. 7.
Nicholl, Leonard. (See Bitler, W. P., and Nicholl.)
Nicholls, Henry M. (See Baechle, J. E., and Nicholls.)
Nichols, Charles, Brooklyn, N. Y. Ski pole. 2,347,789; May 2.
Nichols, Charles R., Jr., Jersey City, N. J. Coil assembling process and apparatus. 2,355,461; Aug. 8.
Nichols, Edward C., Upton, and W. C. French, Milton, assignors to Draper Corporation, Hopedale, Mass. Bobbin receptacle and support therefor. 2,350,317; May 30.
Nichols Engineering & Research Corporation. (See Owen, Mark B., assignor.)
Nichols Engineering & Research Corporation. (See Prather, Graham P., assignor.)
Nichols, Harry J., Binghamton, N. Y. Fuse. 2,357,759; Sept. 5.
Nichols, Harry J., and H. L. Tholstrup, Binghamton, assignors to International Business Machines Corporation, New York, N. Y. Detachable relay. 2,348,088; May 2.
Nichols, Malcolm P., North Haven, Conn. Dial-and-pointer indicating device. 2,358,245; Sept. 12.
Nichols, Richard D., administrator. (See Jeffrey, R. K., and Mitchell.)
Nichols, Thomas E., assignor of one-half to S. Red, Houston, Tex. Pressure release valve. 2,358,875; Sept. 26.
Nichols, Wallace H., Port Washington, N. Y., assignor to Rodic Rubber Corporation, Garwood, N. J. Stencil and stencil backing. 2,351,696; June 20.
Nichols, Walter L., Saugus, Mass., assignor to General Electric Company. Gas turbine. 2,348,748; May 16.
Nicholson, Edward W., Detroit, Mich. Partition structure. 2,347,276; Apr. 25.
Nicholson, Frank H., Penn Township, Allegheny County, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signal system. 2,362,394; Nov. 7.
Nicholson, Madison G., Jr., Verona, N. J., assignor, by mesne assignments, to Sears, Roebuck and Co., Chicago, Ill. Battery radio receiver. 2,364,238; Dec. 5.
Nicholson, Ralph A., assignor to Raymond T. Moloney, Chicago, Ill. Dispenser control. 2,352,858; July 4.
Nickell, Wesley E. (See Ogilvie, C. B., Nickell, and Colley.)
Nickelsen, John M. (See Read, C. E., Nickelsen, and Boor.)
Nickelsen, John M. (See Whisler, R. H., Jr., Read, Nickelsen, and Boor.)
Nickerson, Ralph F., Pittsburgh, Pa., assignor, by mesne assignments, to National Cotton Council of America, Memphis, Tenn. Cord and method and apparatus for making same. 2,364,467; Dec. 5.
Nickle, Ferril R. (See Silverstein, A., and Nickle.)
Nickles, Edward B., assignor to Manitowoc Shipbuilding Company, Manitowoc, Wis. Vehicle. 2,355,234; Aug. 8.
Nickles, Edward B., assignor to Manitowoc Shipbuilding Company, Manitowoc, Wis. Ship crane. 2,355,235; Aug. 8.
Nicks, Samuel R., Houston, Tex. Line justifying typing machine. 2,348,261; May 9.
Niclas, Robert A., Oakland, Calif. Statistical card system. 2,342,361; Feb. 22.
Nicol, John, assignor to Divco-Twin Truck Company, Detroit, Mich. Vehicle control mechanism. 2,340,330; Feb. 1.
Nicolas, Marcel A., assignor to Consolidated Packaging Machinery Corporation, Buffalo, N. Y. Bag closure. 2,343,571; Mar. 7.
Nicolas, Marcel A., assignor to Consolidated Packaging Machinery Corporation, Buffalo, N. Y. Bag-closing device. 2,350,694; June 6.
Nicoletti, Frank, Pittsburgh, Pa. Spring vehicle wheel tire. 2,354,044; July 18.
Nicolle, Charles, Montrouge, France; vested in the Alien Property Custodian. Plastic material wrapper. 2,358,246; Sept. 12.
Nicolle, Charles A., Montrouge, France; vested in the Alien Property Custodian. Packing machine. 2,363,014; Nov. 21.
Nicolson, Garth F., Huntington Park, and R. K. Hertel, Los Angeles, assignors to Byron Jackson Co., Vernon, Calif. Drilling hook. 2,336,349; Jan. 4.
Nidiver, George F., Des Moines, Iowa. Wire stretcher 2,344,320; Mar. 14.
Nieberding, H. H. (See Black, Mike, assignor.)
Niebuach, Ruth, et al. (See Seaton, Robert R., assignor.)
Niederauer, Howard H., assignor to Fruit & Produce Packing, Inc., Indianapolis, Ind. Forming basket liners. 2,353,182; July 11.
Niederauer, Howard H., assignor to Fruit & Produce Packing, Inc., Indianapolis, Ind. Basket liner. 2,353,183; July 11.
Niedercorn, Joseph G. (See Grim, J. M., and Niedercorn.)
Niederhauser, Wendell S., Moorestown, N. J., and M. W. Miller, assignors to The Resinous Products & Chemical Company, Philadelphia, Pa. Phenol-formaldehyde adhesives. 2,357,798; Sept. 12.
Niederl, Joseph B., Brooklyn, N. Y. Double salicylic acid type compound and preparing same. 2,342,294; Feb. 22.
Niehaus, Ralph J. (See Howe, Andrew F., assignor.)
Niehaus, William F. (See Howe, Andrew F., assignor.)
Niekirk, Percy B., assignor to John Fowler & Co. (Leeds) Limited, Leeds 10, England. Face milling cutter. 2,348,089; May 2.
Nielsen, Peer D., Lorain, Ohio, assignor to National Tube Company. Atomizer. 2,351,697; June 20.
Nielsen, Svend H., San Francisco, Calif. Package. 2,349,672; May 23.
Nielsen, Verner H. (See Fabricius, N. E., and Nielsen.)
Niemann, Frederick A., assignor to Felt & Tarrant Manufacturing Company, Chicago, Ill. Calculating machine. 2,346,601; Apr. 11.
Niemeyer, Henry L. (See Rhodes, J. W., and Niemeyer.)
Niemi, Robert, Plymouth, Mich. Sine plate. 2,364,546; Dec. 5.
Niewendorp, Richard, Sanborn, Iowa. Hay and shock loader. 2,364,308; Dec. 5.
Niewoehner, Fred, New York, N. Y., assignor to Interstate Vending Machine Company of St. Louis, St. Louis, Mo. Vending machine. 2,351,779; June 20.
Nik-O-Lok Company. (See Neer, H. L., Wasson, and Neer, assignors.)
Nikach, Harold, Chicago, Ill. Cooling locomotive boilers. 2,363,432; Nov. 21.
Niles-Bement-Pond Company. (See Anderson, Gustaf W., assignor.)
Niles-Bement-Pond Company. (See Dexter, Albert M., Jr., assignor.)
Niles-Bement-Pond Company. (See Drake, Alden M., assignor.)
Niles-Bement-Pond Company. (See Hoagland, Frank O., assignor.)
Niles-Bement-Pond Company. (See Shaw, Robert D., assignor.)
Nill, Edward A., assignor to The H. A. Montgomery Company, Detroit, Mich. Lubricating composition. 2,349,224; May 16.
Nilson, Stanley E., assignor to Fiat Metal Manufacturing Company, Chicago, Ill. Shower stall. 2,343,201; Feb. 29.
Nilsson, Robert S., London, England. Calculating machine. 2,355,462; Aug. 8.
Nimmo, John, Norwich, Conn. Waste guard. 2,348,562; May 9.
Nineteen Hundred Corporation. (See Geldhof, P. E., and Ringer, assignors.)
Nirdlinger, John, assignor to Detrola Corporation, Detroit, Mich. Attaching clip for control knobs. 2,363,194; Nov. 21.
Nisbet, Alexander R., Plainview, Tex. Insect collecting machine. 2,346,270; Apr. 11.
Nisenson, Jules. (See Brown, A. J., Copen, and Nisenson.)
Nissen, Henry C., Stratford, and J. E. Ackerman, Devon, Conn., assignors to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine. 2,339,648; Jan. 18.
Nissim, Raoul, London, England. Electric arc furnace. 2,363,078; Nov. 21.
Nitsch, Reynold J., assignor to The Folmer Graflex Corporation, Rochester, N. Y. Filter and beater unit holder particularly for aerial cameras. 2,353,598; July 18.

Nivison, David B., assignor to Blackburn Aircraft Limited, Brough, England. Production of bent tubes. 2,357,605; Sept. 5.
Niviing, Lyman E., et al., administrators. (See Niviing, Walter A.)
Niviing, Owen C., et al., administrators. (See Niviing, Walter A.)
Niviing, Walter A., Newton, Mass., deceased; L. E. and O. C. Niviing, administrators. Making soluble starch. 2,355,463; Aug. 8.
Nixon, Alan C. (See Davis, O. L., and Nixon.)
Nixon, Alan C., San Francisco, and D. L. Yabroff, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Removing acids from hydrocarbons. 2,341,878; Feb. 15.
Nixon, Ernest L., State College, Pa. Preservation of potatoes, fruit, and vegetables. 2,339,028; Jan. 11.
Nixon, George M., Floral Park, N. Y., assignor to Radio Corporation of America. Binaural translating system. 2,343,471; Mar. 7.
Nixon, Leslie B., New Eltham, London, assignor to J. Stone & Company Limited, Deptford, England. Electric regulator. 2,356,341; Aug. 22.
Noble, Aubrey E. (See Boucher, C. P., and Noble.)
Noble, Charles S., Nobleford, Alberta, Canada. Cultivator. 2,345,702; Apr. 4.
Noble, Daniel E., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Radio receiver circuit. 2,343,115; Feb. 29.
Noble, Gerard D. (See Turnock, J. E., and Noble.)
Noble, John D., Santa Monica, and E. E. Van Dyke, Sherman Oaks, assignors to Douglas Aircraft Company, Inc., Santa Monica, Calif. Turnbuckle. 2,354,474; July 25.
Noble, Robert G., Chicago, Ill. Lock. 2,352,967; July 4.
Noble, Robert H., Wharton, N. J. Marking die. 2,358,822; Sept. 26.
Noble, Sidney H. (See Cates, J., Jenkins, and Noble.)
Noble, Thomas, Quathiaski Cove, British Columbia, Canada. Anchor bolt. 2,351,449; June 13.
Noble, Warren, Washington, D. C., assignor, by mesne assignments, to Sea Otter Syndicate, Inc., New York, N. Y. Shipping and ship construction. 2,360,261; Oct. 10.
Noble, Wiley B. (See Childs, W. L., Shaw, and Noble.)
Noble, Wiley B., assignor to Reed Roller Bit Company, Houston, Tex. Side hole coring device. 2,354,399; July 25.
Noble, William H., assignor to Pennsylvania Pump & Compressor Company, Easton, Pa. Centrifugal pump 2,339,186; Jan. 11.
Noble & Wood Machine Company, The. (See Roberson, Cyrus E., assignor.)
Nobles, Warren H., St. Paul, Minn., assignor to General Mills, Inc. Coupon feeder. 2,358,131; Sept. 12.
Noblitt, Quintin G., E. C. Booth, and B. F. Hamilton, assignors to Noblitt-Sparks Industries, Inc., Columbus, Ind. Metal furniture. 2,346,448; Apr. 11.
Noblitt, Quintin G., E. C. Booth, and B. F. Hamilton, assignors to Noblitt-Sparks Industries, Inc., Columbus, Ind. Metal furniture. 2,346,449; Apr. 11.
Noblitt-Sparks Industries, Inc. (See Booth, Earl C., assignor.)
Noblitt-Sparks Industries, Inc. (See Noblitt, Q. G., Booth, and Hamilton, assignors.)
Nocar, Charles J. (See Fowles, G. L., and Nocar.)
Nochlin, Isadore. (See Kaprelian, Edward K., assignor.)
Noel, Edward B., Cleveland Heights, Ohio, assignor to General Electric Company. Photographic printing apparatus. 2,346,988; Apr. 18.
Noel, Edward B., Cleveland Heights, Ohio, assignor to General Electric Company. Manufacture and processing of discharge devices. 2,353,783; July 18.
Noel, Philip X., assignor to The Bridgeport Metal Goods Manufacturing Company, Bridgeport, Conn. Flashlight. 2,349,453; May 23.
Noffsinger, Fred P., Greeley, Colo., assignor of one-third to R. L. Noffsinger and one-third to R. W. Noffsinger. Plow attachment for tractors. 2,358,964; Sept. 26.
Noffsinger, Ralph L., et al. (See Noffsinger, Fred P., assignor.)
Noffsinger, Robt. W., et al. (See Noffsinger, Fred P., assignor.)
Nofzinger, Earl E., assignor, by mesne assignments, to Gibson Refrigerator Company, Greenville, Mich. Hinge. 2,360,512; Oct. 17.
Nógrády, Miklós, Budapest, Hungary; vested in the Alien Property Custodian. Apparatus for rifle practice. 2,352,000; June 20.
Noguera, Joseph, Manchester, England. Winding and twisting device for textile fibers. 2,360,153; Oct. 10.
Nokes, Philip E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Area measuring machine. 2,354,767; Aug. 1.
Nokes, Philip E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Electrical counter. 2,354,768; Aug. 1.
Nokes, Philip E., and P. Cohen, Beverly, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J. Area measuring machine. 2,359,934; Oct. 10.
Nolan, John R., Larchmont, N. Y. Machine for reinforcing clothespins. 2,351,450; June 13.
Nolan, Kenneth W., North Perth, Western Australia, Australia. Manufacture of machine tools. 2,363,195; Nov. 21.
Nolan, William F., Chicago, Ill. Sighting device. 2,360,154; Oct. 10.
Nold, Eberhard. (See Ulrich, H., Ploetz, and Nold.)
Nolde and Horst Company, The. (See Vogt, J. H. and Simmat, assignors.)
Nolde and Horst Company, The. (See Wagenhorst, Lester D., assignor.)
Noll, Theobald H., Washington, D. C. Electrical resistance alloy. 2,359,781; Oct. 10.
Noll, Theobald H., Bellaire, N. Y. Electroliquid apartment heater. 2,360,071; Oct. 10.
Noned Corporation, et al. (See Strain, W. H., Platt, and Warren, assignors.)
Noonan, Vincent W., La Salle, Ill. Roof and wall construction. 2,352,116; June 20.
Noordtyn, Jan, Emmastad, Curacao, Netherlands West Indies, assignor to Shell Development Company, San Francisco, Calif. Cracking and reforming of hydrocarbons. 2,353,490; July 11.
Norbom, Ragnar A., New York, N. Y., assignor to National Fitch Corporation. Container transfer equipment for vehicles. 2,339,288; Jan. 18.
Norbom, Ragnar A., New York, N. Y., assignor to National Fitch Corporation. Container transfer equipment for vehicles. 2,348,019; May 2.
Norcross, Austin S. (See Lilja, E. D., and Norcross.)
Norcross, Austin S., Waban, Mass. Measuring system. 2,342,685; Feb. 29.
Norcross, Austin S., Waban, Mass. Slasher squeeze roll pressure regulator. 2,351,534; June 13.
Nordberg, Charles H., Chicago Heights, Ill., assignor to Pettibone Mulliken Corporation. Rail brace. 2,356,080; Aug. 15.
Nordberg, Ernst A., Sharon, assignor to Production Development Corporation, Canton, Mass. Winding machine. 2,340,340; Feb. 1.
Nordberg, Ernst A., Norwood, assignor to T. Deutschmann, Canton, Mass. Manufacture of capacitors. 2,358,654; Sept. 19.
Nordberg Manufacturing Company. (See Gruender, Oscar C., assignor.)
Nordberg Manufacturing Co. (See Symons, E. B., and Werner, assignors.)
Nordberg Manufacturing Company. (See Talboys, Henry H., assignor.)
Nordberg Manufacturing Co. (See Talboys, H. H., and Erickson, assignors.)
Nordberg, Martin E., assignor to Corning Glass Works, Corning, N. Y. Black glass. 2,353,354; July 11.
Nordberg, Martin E., and H. E. Rumenapp, assignors to Corning Glass Works, Corning, N. Y. Making high silica glass. 2,340,013; Jan. 25.
Nordberg, Martin E., Corning, N. Y., and H. E. Rumenapp, West Los Angeles, Calif., assignors to Corning Glass Works, New York, N. Y. Making high silica glass. 2,355,746; Aug. 15.
Nordel Corporation. (See Evjen, Haakon M., assignor.)
Nordel Corporation. (See Evjen, H. M., and Lewis, assignors.)
Nordel Corporation. (See Evjen, Knute H. and H. M., assignors.)
Nordel Corporation. (See Lewis, William B., assignor.)
Nordell, Carl H., Coloma, Mich. Screen. 2,358,655; Sept. 19.
Norden, Elwood. (See Lyman, J., and Norden.)
Nordenson, Willard H. (See Maxon, I. D., Sklovsky, and Nordenson.)
Nordling, Fred M., Denver, Colo. Rotary engine and pump. 2,341,231; Feb. 8.
Nordquist, Ronald E. J., Maplewood, N. J., assignor to American Can Company, New York, N. Y. Apparatus for gauging tubular objects. 2,353,184; July 11.
Nordquist, Ronald E. J., Maplewood, N. J., assignor to American Can Company, New York, N. Y. Can runway. 2,353,748; July 18.
Nordquist, Ronald E. J., Maplewood, N. J., assignor to American Can Company, New York, N. Y. Conveyer. 2,355,100; Aug. 8.
Nordquist, Ronald E. J., Maplewood, N. J., assignor to American Can Company, New York, N. Y. Coating machine. 2,357,845; Sept. 12.
Nordström, Leon, Stockholm, Sweden. Woodcutting machine. 2,361,147; Oct. 24.
Nordstrum, Lauren D., Fort Wayne, Ind., assignor to General Electric Company. Torque measuring device. 2,347,214; Apr. 25.
Nordyke, John S., Joplin, Mo., assignor to The Eagle-Picher Lead Company, Cincinnati, Ohio. Producing lead arsenate. 2,354,475; July 25.
Norelius, Emil F., Springfield, Ill. Track block. 2,363,015; Nov. 21.
Norelli, Vincent B., Arlington, Va. Apparatus for filling capsules. 2,348,749; May 16.
Norfolk Paper Co. (See Moeller, Carl A., assignor.)
Norford, Helen P., Chicago, Ill. Indicating climbing device. 2,340,139; Jan. 25.
Norgaard, Donald E., Schenectady, N. Y., assignor to General Electric Company. Wide band coupling for transmission lines. 2,354,537; July 25.

Norlander, William D., and R. L. Alldredge, assignors of one-half to P. Paden, Denver, Colo. Treating tinned steel scrap. 2,350,918; June 6.

Norma-Hoffmann Bearings Corporation. See Batesole, D. E., and Kendall, assignors.)

Norma-Hoffmann Bearings Corporation. (See Martinec, Eugene F., assignor.)

Normain Corporation. (See Whitehead, Earl B., assignor.)

Norman, Carl A., Columbus, Ohio. Hydraulic transmission and differential gearing. 2,353,060; July 4.

Norman, Edith J. (See Norman, Joseph T., assignor.)

Norman, Fred B., Brooklyn, N. Y. Vibration motor. 2,354,605; July 25.

Norman, Garnet W. G. (See de Lubicz-Bakanowski, Mians, and Norman.)

Norman, Hollis W., and B. A. Raetsch, Baltimore, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Assembling apparatus. 2,359,575; Oct. 3.

Norman, Horace M., Niles Center, assignor to Stewart-Warner Corporation, Chicago, Ill. Electric speedometer. 2,339,743; Jan. 18.

Norman, Joseph T., assignor to E. J. Norman, Huntington Mills, Pa. Automatic stoker. 2,355,101; Aug. 8.

Norman, Kelsey, et al. (See Hebbard, Charles B., assignor.)

Noros, George C., assignor to Bond Foundry & Machine Company, Manheim, Pa. Movable truck jack. 2,339,940; Jan. 25.

Norquist, Victor C. (See Larkin, W. B., and Norquist.)

Norris, Edward O., Inc. (See Norris, Edward O., assignor.)

Norris, Edward O., Westport, Conn., assignor to Edward O. Norris, Inc., New York, N. Y. Producing stencils. 2,340,485; Feb. 1.

Norris, Rollin H., Schenectady, N. Y., assignor to General Electric Company. Heat exchanger. 2,348,020; May 2.

Norris, Rollin H., Schenectady, N. Y., assignor to General Electrical Company. Gas turbine. 2,354,698; Aug. 1.

Norris, Walter J. (See Sonnenberg, Alexander H., assignor.)

Norris, William A., Alhambra, Calif. Air impeller. 2,347,838; May 2.

Norris, William A., Alhambra, Calif. Impeller. 2,347,839; May 2.

Norris, William A., Alhambra, Calif. Combined ventilation and light. 2,357,684; Sept. 5.

Norristown Magnesia & Asbestos Co. (See Wilson, Ladd L., assignor.)

Norseen, Wilbur H., Chadds Ford, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Bag closure. 2,349,369; May 23.

North, Carl U. (See Wheat, J. C., and North.)

North, Edwin W., and R. A. Stone, assignors to National Lock Co., Rockford, Ill. Self-balancing lid support. 2,364,747; Dec. 12.

North, John D., assignor to Boulton Paul Aircraft Limited, Wolverhampton, England. Feeding belt ammunition to heavy machine guns. 2,357,127; Aug. 29.

North, John D., assignor to Boulton Paul Aircraft Limited, Wolverhampton, England. Feeding ammunition belts to machine guns. 2,364,309; Dec. 5.

North, Samuel N., North Beach, Md. Air circulator. 2,342,596; Feb. 22.

North American Aviation, Inc. (See Davie, Robert P., Jr., assignor.)

North American Aviation, Inc. (See Gillum, D. E., and Van Riper.)

North American Aviation, Inc. (See Hoffman, D. E., and Throne, assignors.)

North American Aviation, Inc. (See Ripley, Mose D., assignor.)

North American Aviation, Inc. (See Schmued, Edgar, assignor.)

North American Aviation, Inc. (See Seifried, Richard, assignor.)

North American Aviation, Inc. (See Wing, George S., assignor.)

North America Holding Corporation. (See Metcalf, Arthur G. B., assignor.)

North American Holding Corporation, et al. (See Sackett, Ernest D., assignor.)

North American Philips Company. (See Gaylord, William B., assignor.)

North American Rayon Corporation. (See Bley, Rudolph S., assignor.)

North American Research Corporation. (See Metcalf, Arthur G. B., assignor.)

North Carolina Granite Corporation, The. (See Smith, Frank L., assignor.)

Northern Blower Company. (See Bacon, Hollis P., assignor.)

Northern Equipment Company. (See Hunter, William L., assignor.)

Northern Illinois College of Optometry. (See Shepard, Carl F., assignor.)

Northern Pump Company. (See Gondek, John T., assignor.)

Northern Tool & Die Co. (See Paulsen, George A., assignor.)

Northey, Elmore H., Bound Brook, N. J., assignor to American Cyanamid Company, New York, N. Y. 4-mercaptobenzenesulphonamide. 2,356,265; Aug. 22.

Northey, Elmore H., and M. E. Hultquist, Bound Brook, N. J., assignors to American Cyanamid Company, New York, N. Y. N(alkyl, β-4-morpholyalkyl)aminoalkanol esters. 2,351,833; June 20.

Northrop Aircraft, Inc. (See Meredith, Russell, assignor.)

Northrop Aircraft, Inc. (See Pavlecka, Vladimir H., assignor.)

Northrop Aircraft, Inc. (See Pavlecka, V. H., and Egger, assignors.)

Northrop Aircraft, Inc. (See Pease, Lester R., assignor.)

Northrup, Homer W. (See Ziegler, N. A., and Northrup.)

Northup, Harry L., assignor to Chicago Rawhide Manufacturing Company, Chicago, Ill. Oil seal. 2,362,843; Nov. 14.

Northwestern National Bank of Minneapolis, administrators, et al. (See Cowin, James.)

Northwestern Steel and Wire Company. (See Bradley, Albert F., assignor.)

Northwestern Steel & Wire Company. (See Gaumer, George K., assignor.)

Norton Company. (See Crompton, George, Jr., assignor.)

Norton Company. (See Flygare, Carl G., assignor.)

Norton Company. (See Flygare, C. G., and Helstrom, assignors.)

Norton Company. (See Flygare, C. G., and Johnson.)

Norton Company. (See Flygare, C. G., and Silven, assignors.)

Norton Company. (See Flygare, C. G., and Wood, assignors.)

Norton Company. (See Garside, John L., assignor.)

Norton Company. (See Green, Clarence J., assignor.)

Norton Company. (See Hulbert, G. E., and Indge, assignors.)

Norton Company. (See Indge, Herbert S., assignor.)

Norton Company. (See Jeppson, G. N., and Beecher, assignors.)

Norton Company. (See Jeppson, G. N., and Larsson, assignors.)

Norton Company. (See Johnson, Franklin E., assignor.)

Norton Company. (See Lombard, Robert H., assignor.)

Norton Company. (See Weinland, Hermon G., assignor.)

Norton Company. (See Silven, Herbert A., assignor.)

Norton, Hazel F., Chicago, Ill. Venetian blind structure. 2,341,233; Feb. 8.

Norton, James P., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Coating machine. 2,357,349; Sept. 5.

Norton, John A., Indianapolis, Ind. Furnace. 2,363,742; Nov. 28.

Norton Lasier Company. (See Aspinwall, Carl S., assignor.)

Norton, Lowell E., Collingswood, N. J., assignor to Radio Corporation of America. Ninety degree phase shifter. 2,341,232; Feb. 8.

Norton, Lowell E., Collingswood, N. J., assignor to Radio Corporation of America. Radio range. 2,364,748; Dec. 12.

Norton-McMurray Manufacturing Company. (See McMurray, Francis A., assignor.)

Norton, Oliver G. (See McFall, T. E., and Norton.)

Norton, Raymond P., Algona, Iowa. Device for reseating large gate valves. 2,360,009; Oct. 10.

Norway, Harold L., Evanston, assignor to The Bastian Blessing Co., Chicago, Ill. Liquefied petroleum gas system. 2,361,865; Oct. 31.

Norway, Harold L., Evanston, assignor to The Bastian Blessing Co., Chicago, Ill. Valve construction. 2,361,866; Oct. 31.

Norwine, Andrew C., Short Hills, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission control in two-way signaling systems. 2,356,943; Aug. 29.

Norza, Angelo M. (See de Cosmo, Michael, assignor.)

No-Sag Spring Company. (See Mayer, Louis T., assignor.)

No-Sag Spring Company. (See Mouw, Andrew, assignor.)

Nosker, Paul W., Yellow Springs, Ohio. System for measuring force and acceleration. 2,338,732; Jan. 11.

Nostrand, William G. (See Winslow, C. A., Moore, and Nostrand.)

Nothum, Joseph. (See Licata, F. J., and Nothum, assignors.)

Nottebehm, Carl L., Weinheim, Baden, Germany; vested in the Alien Property Custodian. Process and apparatus for the impregnation of fiber fleeces with binding agents. 2,338,960; Jan. 11.

Novadel-Agene Corporation. (See Merckel, Frederick G., assignor.)

Novadel-Agene Corporation. (See Peet, Gerald D., assignor.)

Novak, John, Brownsville, Pa. Cable connector for welding machines. 2,353,114; July 4.

Novak, Milan, Lombard, Ill. Disposable filter for blood and plasma transfusion. 2,341,114; Feb. 8.

Novak, Stephen T., Dayton, Ohio. Trigger-pull measuring device. 2,363,547; Nov. 28.

Novak, Victor B., Nome, Alaska. Mixing valve. 2,349,051; May 16.

Novick, Abraham, Flushing, assignor to F. L. Smithe Machine Co., Inc., New York, N. Y. Decurling envelope flaps. 2,354,825; Aug. 1.

Novick, Abraham, Flushing, assignor to F. L. Smithe Machine Co., Inc., New York, N. Y. Envelope machine. 2,365,211; Dec. 19.

Novoa, Jose M., Reparto Alturas de Almendares, Marianao, Cuba. Window blind. 2,344,165; Mar. 14.

Novocol Chemical Mfg. Co. (See Ringk, William F., assignor.)

Novotney, Frank A., Streator, Ill. Elevating gate. 2,348,993; May 16.

Novotny, Charles K., and J. T. Cox, Jr., assignors to The Firestone Tire & Rubber Company, Akron, Ohio. Manufacturing tires. 2,354,424; July 25.

Novotny, Emil E., Oak Lane, assignor to Durite Plastics, Incorporated, Philadelphia, Pa. Making synthetic resins. 2,341,115; Feb. 8.

Novotny, Emil E., assignor to Durite Plastics, Incorporated, Philadelphia, Pa. Injection method of molding thermosetting material. 2,356,081; Aug. 15.

Novotny, Thomas J., assignor to Minnesota Valley Canning Company, Le Sueur, Minn. Tool grinding assembly. 2,357,966; Sept. 12.

Nowak, Alois K., and T. W. Bannon, Berwyn, assignors to Clearing Machine Corporation, Chicago, Ill. Hydraulic double-action draw press. 2,357,019; Aug. 29.

Nowak, Leon J., Jr., Chicago, Ill. Weighing, bag opening, and filling apparatus. 2,340,225; Jan. 25.

Nowatius, Joseph. (See Scarzello, L., Nowatius, and Bulin.)

Nowicke, Edmund S. (See Brallier, P. S., and Nowicke.)

Nowlin, Aubrey C., Tulsa, Okla. Device for obtaining directional force from rotary motion. 2,350,248; May 30.

Noxon, Paul A., Tenafly, assignor to Bendix Aviation Corporation, Bendix, N. J. Rate-of-turn meter. 2,351,629; June 20.

Noxon, Paul A., Tenafly, assignor to Bendix Aviation Corporation, Bendix, N. J. Rate of turn integrator. 2,361,790; Oct. 31.

Noxon, Paul A., Tenafly, assignor to Bendix Aviation Corporation, Bendix, N. J. Speed governing means. 2,364,810; Dec. 12.

Noyes, Harry A., Marlborough, Mass. Plant extracts. 2,342,962; Feb. 29.

Noyes, Roswell L., assignor to The Murray Corporation of America, Detroit, Mich. Faucet. 2,347,330; Apr. 25.

Nudelman, Charles S., and R. C. Mellach, Chicago, Ill. Combination server and squeezer for citrus fruits. 2,348,304; May 9.

Nudelman, Edna, assignor to M. King, Chicago, Ill. Cardboard novelty. 2,365,098; Dec. 12.

Nudenberg, Walter, Chicago, Ill., and L. W. Butz, Beltsville, Md., assignors to United States of America as represented by Claude R. Wickard, Secretary of Agriculture and his successors in office. Composition of matter. 2,359,935; Oct. 10.

Nuffer, Joseph H., Toledo, Ohio, and L. H. Latta, Deerfield, Ill., assignors to Air-Way Electric Appliance Corporation, Toledo, Ohio. Suction cleaner. 2,355,322; Aug. 8.

Nuffer, Joseph H., Toledo, Ohio, and L. H. Latta, Deerfield, Ill., assignors to Air-Way Electric Appliance Corporation, Toledo, Ohio. Suction cleaner. 2,360,155; Oct. 10.

Nugent, Corliss D., Chicago, Ill. Pressure filter. 2,352,732; July 4.

Nu-Grain Co. (See Williams, Walter B., assignor.)

Nunes, John S., assignor to E. Lefkowitz, conducting business as Fulton Electric Mfg. Co., New York, N. Y. Electric switch. 2,350,966; June 6.

Nunes, John S., assignor to E. Lefkowitz, conducting business as Fulton Electric Mfg. Co., New York, N. Y. Manually controlled time switch. 2,350,967; June 6.

Nuodex Products Co. (See Minich, Arthur, assignor.)

Nusbaum, Lee, Philadelphia, Pa. Apparatus for producing air colloids. 2,355,550; Aug. 8.

Nusbaum, Mortimer, Akron, Ohio. Lock. 2,355,888; Aug. 15.

Nusbaum, Ralph E., and J. W. Hackett, assignors to General Motors Corporation, Detroit, Mich. Spectrochemical analysis method. 2,344,719; Mar. 21.

Nüsslein, Joseph, and R. Gutensohn, Frankfort-on-the-Main, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Removing tar and pitch tips from wool. 2,340,977; Feb. 8.

Nute, Alden D. (See Light, D. W., and Nute.)

Nutt, Arthur, Montclair, N. J., assignor to Wright Aeronautical Corporation. Engine preolling system. 2,357,606; Sept. 5.

Nutt, Harold, Chicago, and R. L. Smirl, Bellwood, assignors to Borg-Warner Corporation, Chicago, Ill. Fluid impact coupling combined with clutch. 2,360,710; Oct. 17.

Nutt, Harold, Chicago, and R. L. Smirl, Bellwood, assignors to Borg-Warner Corporation, Chicago, Ill. Friction clutch. 2,364,310; Dec. 5.

Nuttall, Norman H. (See Griffin, I. L., Truax, and Nuttall.)

Nutter, Donald S. (See Toth, F. J., and Nutter.)

Nutter, Frank E., and E. I. Spence, assignors to Goodall Worsted Company, Sanford, Maine. Spinning single ply yarn composed of both relatively long and relatively short fibers. 2,358,656; Sept. 19.

Nutter, William S., Sanford, Maine. Warp pile fabric. 2,362,299; Nov. 7.

Nutting, Howard S. (See Horsley, L. H., and Nutting.)

Nyberg, Curt E., assignor to Metal Specialties Manufacturing Co., Chicago, Ill. Staple remover. 2,343,921; Mar. 14.

Nyborg, Edward. (See Henze, O. C. W., and Nyborg.)

Nyborg, Tage G., assignor to The Mining Engineering Company Limited, Worcester, England. Mechanical loading and conveying of loose material. 2,362,844; Nov. 14.

Nydegger, Roland R. (See English, M. H., Jones, and Nydegger.)

Nydegger, Roland R., and J. B. Roberts, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Apparatus. 2,349,829; May 30.

Nyden, Robert, Manhasset, N. Y. Collapsible dispensing tube. 2,361,647; Oct. 31.

Nyden, Robert, Manhasset, assignor to American Can Company, New York, N. Y. Container. 2,361,958; Nov. 7.

Nye, Hugh C., assignor to Vickers Incorporated, Detroit, Mich. Power tranamission. 2,363,196; Nov. 21.

Nye, Norman H., Cuyahoga Falls, and E. J. McIlvried, Akron, assignors to The Vaughn Machinery Company, Cuyahoga Falls, Ohio. Method and apparatus for surface conditioning wire and the like. 2,355,174; Aug. 8.

Nye Tool & Machine Works, The. (See Matter, Albert J., assignor.)

Nygaard, Edwin M. (See Berger, H. G., Nygaard, and Angel.)

Nygaard, Edwin M. (See Seger, F. M., and Nygaard.)

Nygaard, Edwin M., et al. (See Berger, H. G., Nygaard, and Angel.)

Nygaard, Edwin M., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Condensation of nitro compounds with polysulphides and product thereof. 2,347,840; May 2.

Nygaard, Oscar, Saugus, Mass., and C. H. Schroder, Philadelphia, Pa., assignors to Bernity Furnace Appliance Company, Boston, Mass. Gas generator. 2,360,574; Oct. 17.

Nygren, Caja-Marie. (See Wallin, Ernst H., assignor.)

Nylund, Harry W., Great Neck, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Gain control system. 2,345,066; Mar. 28.

Nyman, Carl B., assignor to Swenson Evaporator Company, Hull, Quebec, Canada. Filter. 2,362,300; Nov. 7.

Nyquist, Harry, Millburn, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Correction of distorted telegraph signals. 2,345,881; Apr. 4.

Nyrop, Johan E., Copenhagen, Denmark; vested in the Alien Property Custodian. Preparing cocoa and chocolate products. 2,348,837; May 16.

Nysewander, Cecil W., Highland, Ind., assignor to Standard Oil Company, Chicago, Ill. Balancing hydrocarbon conversion. 2,339,874; Jan. 25.

Nysewander, Cecil W., Highland, and N. Fragen, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Conversion of hydrocarbons. 2,342,888; Feb. 29.

Nystrom, Axel C., Rutherford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Core covering apparatus. 2,343,994; Mar. 14.

Nystrom, Axel C., Rutherford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Marking device. 2,351,224; June 13.

Nystrom, Karl, and L. L. Lentz, Milwaukee, Wis. Passageway enclosure for passenger cars. 2,354,045; July 18.

Nystrom, Karl F., and V. L. Green, Milwaukee, Wis. Railroad car truck. Re. 22,558; Oct. 24.

Nystrom, Karl F., Milwaukee, Wis. Railway car side door. 2,340,014; Jan. 25.

Nystrom, Karl F., Milwaukee, Wis. Reclining seat for passenger vehicles. 2,351,698; June 20.

Nystrom, Karl F., Milwaukee, Wis. Car truck side frames. 2,357,020; Aug. 29.

Nystrom, Karl F., Milwaukee, Wis., assignor to Standard Railway Equipment Manufacturing Company. Railway car side door lock. 2,358,025; Sept. 12.

Nystrom, Karl F., and V. L. Green, Milwaukee, Wis. Railroad passenger car truck. 2,347,362; Apr. 25.

Nystrom, Karl F., and V. L. Green, Milwaukee, Wis. Railroad car truck. 2,350,567; June 6.

Nystrom, Karl F., and Vernon L. Green, Milwaukee, Wis. Railroad passenger car truck. 2,352,400; June 27.

Nystrom, Karl F., and V. L. Green, Milwaukee, Wis. Railroad car draft gear and buffer stem mounting. 2,363,197; Nov. 21.

Nystrom, Lawrence V., Minneapolis, Minn., assignor to General Mills, Inc. Height gauge. 2,354,137; July 18.

O. & S. Bearing Company. (See Schroeter, Bruno, assignor.)

O. & S. Bearing Company. (See Scully, S. C., and Delahunty.)

O. V. M. Products Corporation. (See Mansfield, Owen V., assignor.)

Oak, Lawrence C., Huntington Woods, and J. B. Donnelly, assignors to Ternstedt Manufacturing Company, Detroit, Mich. Cutting tool. 2,348,262; May 9.

Oakes, Alfred C., Mount Vernon, Ohio, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Automatic cutting apparatus. 2,356,877; Aug. 29.

Oakes, Alfred C., Mount Vernon, Ohio, assignor to Pittsburgh Plate Glass Company, Alleghany County, Pa. Glass cutter. 2,361,049; Oct. 24.
Oakes, Arthur R., Monrovia, assignor to Jesse F. Brown, Los Angeles, Calif. Buffing lathe for vehicle tires. 2,364,384; Dec. 5.
Oakes & Burger Co. Inc. (See Wolf, Frank F., assignor.)
Oakes, Byron J. (See Carlton, B. P., and Oakes.)
Oakes, Byron J. (See Kugler, J. H., and Oakes.)
Oakes, Byron J., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Composite articles and abrasive belts or sheets. 2,357,350; Sept. 5.
Oakes, Byron J., and D. K. Murray, assignors to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Liquid composition of polishing and the like. 2,356,792; Aug. 29.
Oakes, Claude W., Naperville, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Fiberboard receptacle. 2,344,448; Mar. 14.
Oakley, George E., and P. M. Griffin, assignors to Consolidated Car-Heating Company, Inc., Albany, N. Y. Variable angle drive mechanism. 2,351,535; June 13.
Oakley, John. (See Plumadore, H. W., Collins, and Oakley.)
Oakley, John, Springfield, assignor to Perkins Machine and Gear Company, West Springfield, Mass. Broaching machine. 2,342,686; Feb. 29.
Oaks, William B., assignor to Eureka Vacuum Cleaner Company, Detroit, Mich. Vacuum cleaner. 2,345,623; Apr. 4.
Oates, Norford L., assignor to Smith Cannery Machines Company, Seattle, Wash. Feeder table for fish dressing machines. 2,346,935; Apr. 18.
Oatley, Arthur F., Deepfields, England. Burner and hot plate for gas fired cooking apparatus. 2,361,317; Oct. 24.
O'Bannon, Walter A., Tulsa, Okla. Separator for well pumps. 2,346,602; Apr. 11.
Obear, Edward F. (See Obear, William F. and E. F.)
Obear, William F. and E. F., Los Angeles, Calif. Abrasive cutoff machine. 2,340,553; Feb. 1.
Obecny, John T., Inglewood, assignor of one-half to M. C. Garst, Beverly Hills, Calif. Hydraulic work holder. 2,339,799; Jan. 25.
Obecny, John T., Los Angeles, assignor of one-half to M. C. Garst, Beverly Hills, Calif. Hydraulic work holder. 2,339,800; Jan. 25.
Obenauer, Harlen W., Birmingham, Mich. Bolt lock. 2,350,633; June 6.
Oberfell, George G., Bartlesville, Okla., assignor to Phillips Petroleum Company. Reclaiming used and partially oxidized lubricating oil. 2,339,717; Jan. 18.
Oberfell, George G., Bartlesville, Okla., assignor to Phillips Petroleum Company. Solvent refining of lubricating oils. 2,342,362; Feb. 22.
Oberfell, George G., Bartlesville, Okla., assignor to Phillips Petroleum Company. Treatment of hydrocarbons. 2,355,292; Aug. 8.
Oberg, Elmer B. (See Julian, P. L., Oberg, and Malter.)
Obergfell, Herbert F., River Forest, Ill., assignor to Automatic Electric Laboratories, Inc. Induction coil mounting. 2,348,404; May 9.
Obergfell, Herbert F., River Forest, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Handset telephone mounting. 2,355,464; Aug. 8.
Oberholtzer, Paul N., Oreland, assignor to American Engineering Company, Philadelphia, Pa. Hydraulic control mechanism. 2,338,350; Jan. 4.
Oberhuber, William F., Lansdowne, Pa., assignor to Combustion Engineering Company, Inc., New York, N. Y. Finely divided fuel burner. 2,343,572; Mar. 7.
Oberkirk, William C., Bronx, N. Y., assignor to United Merchants & Manufacturers, Inc., Wilmington, Del. Device to detect skew in fabric. 2,355,465; Aug. 8.
Obermaier, John. (See De Costa, H. J., and Obermaier.)
Obermayer, S., Co., The. (See Kauffman, T., Jr., and Campbell, assignors.)
Oberright, Edward A. (See Sargent, E. L., and Oberright.)
Oberright, Edward A., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Lubricating oil composition. 2,353,491; July 11.
Oberst, Edward E., New Haven, Conn. Astronomical educational device. 2,349,515; May 23.
O'Brien, Bertha M., New York, N. Y. Infant carrier. 2,346,989; Apr. 18.
O'Brien, Frank J., Pelham, assignor to Continental Can Company, Inc., New York, N. Y. Container vacuumizing and closing apparatus. 2,340,341; Feb. 1.
O'Brien, Frank J., Pelham, assignor to Continental Can Company, Inc., New York, N. Y. Container structure. 2,362,945; Nov. 14.
O'Brien, Frank J., Pelham, assignor to Continental Can Company, Inc., New York, N. Y. Sheet metal container. 2,362,946; Nov. 14.
O'Brien, Frank J., Pelham, assignor to Continental Can Company, Inc., New York, N. Y. Closure for paper containers. 2,363,352; Nov. 21.
O'Brien, Frank J., Pelham, assignor to Continental Can Company, Inc., New York, N. Y. Portable container. 2,365,009; Dec. 12
O'Brien, Frank J., Pelham, assignor to Continental Can Company, Inc., New York, N. Y. Key opening container. 2,365,100; Dec. 12.
O'Brien, James D., Brooklyn, N. Y. Leakage testing device. 2,342,616; Feb. 22.
O'Brien, James D., Brooklyn, N. Y. Temperature measuring device. 2,356,607; Aug. 22.
O'Brien, James J., and J. Strad, Chicago, Ill. Article holding means for cleaning machines. 2,347,430; Apr. 25.
O'Brien, Jolly W., Houston, Tex. Identifying substance. 2,348,639; May 9.
O'Brien, Joseph F., Jersey City, N. J., assignor to John B. Pierce Foundation, New York, N. Y. Operating means for electric switches. 2,345,001; Mar. 28.
O'Brien, Joseph F., Jersey City, N. J., assignor to John B. Pierce Foundation, New York, N. Y. Electricity conductor unit. 2,351,630; June 20.
O'Brien, Joseph F., Jersey City, N. J., assignor to John B. Pierce Foundation, New York, N. Y. Electricity conductor unit. 2,351,631; June 20.
O'Brien, Joseph F., Jersey City, N. J., assignor to John B. Pierce Foundation, New York, N. Y. Polarised outlet section for electric wiring systems. 2,351,632; June 20.
O'Brien, Joseph F., Jersey City, N. J., assignor to John B. Pierce Foundation, New York, N. Y. Electric switch means. 2,352,653; July 4.
O'Brien, Joseph F., Jersey City, N. J., assignor to John B. Pierce Foundation, New York, N. Y. Electricity conductor unit. 2,352,654; July 4.
O'Brien, Joseph F., Jersey City, N. J., assignor to John B. Pierce Foundation, New York, N. Y. Feed unit for electric wiring systems. 2,358,346; Sept. 19.
O'Brien, Joseph W. (See Turner, Arthur C., assignor.)
O'Brien, Richard S., New York, N. Y. Attachment plug-retaining device. 2,365,101; Dec. 12.
O'Brien, William J., Boston, Mass. Snow grinding device. 2,341,471; Feb. 8.
Obrist, Miriam A., Brooklyn, N. Y. Display card holder. 2,340,421; Feb. 1.
O'Bryan, Lorin, Scotia, N. Y., assignor to General Electric Company. Galvanometer. 2,356,608; Aug. 22.
Obstfeld, Abraham, et al. (See Drypolcher, William, assignor.)
Obstfeld, Lou, et al. (See Drypolcher, William, assignor.)
Obszarny, Theodore, assignor to Guardian Electric Manufacturing Co., Chicago, Ill. Preselector. 2,351,451; June 13.
O'Byrne, Joseph, Philadelphia, Pa. Artificial fish lure. 2,341,234; Feb. 8.
O'Callaghan, James S., Marblehead, Mass. Automatic drilling machine. 2,344,053; Mar. 14.
Ocean Salts (Products) Limited. (See Pickett, Francis N., assignor.)
Ochsenbein, Walter, assignor to Hasler A.-G. Werke für Telephonie und Präzisionsmechanik, Berne, Switzerland. Impulse coupling. 2,359,438; Oct. 3.
Ochsenbein, Walter, assignor to Hasler A.-G. Werke für Telephonie und Präzisionsmechanik, Berne, Switzerland. Snap coupling, particularly for multipole magnetos. 2,364,385; Dec. 5.
Ockrant, William, Cincinnati, Ohio. Apparatus for treating cotton sweeps. 2,345,988; Apr. 4.
Ockrant, William, and J. W. Kinney, Jr., Cincinnati, Ohio; said Kinney assignor to said Ockrant. Removably mounting extractor shafts. 2,351,861; June 13.
Ocon, Cecilio L. and E. A., Yonkers, N. Y.; said C. L. Ocon assignor to said E. A. Ocon. Conducting contact catalyst conversion of fluid reactants. 2,344,103; Mar. 14.
Ocon, Cecilio L. and E. A., Yonkers, N. Y.; said C. L. Ocon assignor to said E. A. Ocon. Multiple stage catalytic alkylation process. 2,357,607; Sept. 5.
Ocon, Ernest A. (See Ocon, Cecilio L. and E. A.)
O'Connell, Michael J., Chicago, Ill., assignor to United Autographic Register Co. Printing and bursting machine. 2,344,720; Mar. 21.
O'Connell, Thomas C., San Rafael, Calif. Glove. 2,364,749; Dec. 12.
O'Connor, Bernard E., Buffalo, N. Y., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Shock absorbing strut. 2,352,401; June 27.
O'Connor, Bernard E., Buffalo, N. Y., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Hydraulic damper. 2,357,278; Aug. 29.
O'Connor, Jerome A., Council Bluffs, Iowa. Accelerator control. 2,364,092; Dec. 5.
O'Connor, John B., assignor to Lyon Metal Products, Incorporated, Aurora, Ill. Chair construction. 2,364,093; Dec. 5.
O'Connor, John B., assignor to Lyon Metal Products, Incorporated, Aurora, Ill. Chair construction. 2,364,647; Dec. 12.
O'Connor, John B. and J. E. Bales, assignors to Lyon Metal Products, Incorporated, Aurora, Ill. Collapsible chair. 2,356,793; Aug. 29.
O'Connor, John C., Ann Arbor, Mich. Vibration producing mechanism. 2,353,492; July 11.
O'Connor, John J. (See de Simó, M., and O'Connor.)
O'Connor, Richard A., and L. E. Quinnell, Fort Wayne, Ind. Elliptical cone-shaped reproducing diaphragm. 2,358,823; Sept. 26.

O'Connor, William F., Fort Leavenworth, Kans. Grade indicator. 2,342,518; Feb. 22.
O'Connor, William J., Dracut, assignor to Newmarket Manufacturing Company, Lowell, Mass. Lease forming attachment. 2,344,721; Mar. 21.
O'Day, Cortland N., Port Washington, assignor to Air Devices, Inc., New York, N. Y. Baffle for oil burning furnaces. 2,355,923; Aug. 15.
O'Day, George, et al. (See Lister, Donald E., assignor.)
Odelius, Oscar G., Chicago, Ill. Seal construction. 2,348,405; May 9.
O'Dell, John A., Baytown, Tex., assignor to Standard Oil Development Company. Recovery of alkylation acids. 2,343,701; Mar. 7.
Odell, Ople, San Francisco, Calif. Clamp. 2,359,146; Sept. 26.
Odessa Chemical and Equipment Company. (See Smith, Thomas O., assignor.)
Odierna, Ernest, and A. Procario, New York, N. Y. Surgical cast cutter. 2,344,262; Mar. 14.
Odin, Arthur S., assignor of five per cent to J. C. Pliskow, Detroit, Mich. Self-closing bottle. 2,362,150; Nov. 7.
Odman, Ogden B., Elmwood Park, Ill. Sheet piling and assembling the same. 2,355,102; Aug. 8.
Odom, Frank L., Long Beach, Calif. Combination crib and play pen. 2,360,575; Oct. 17.
O'Donnell, Thomas E., Westfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Treatment of fibrous insulating materials. 2,346,324; Apr. 11.
O'Donnell, William A., Detroit, Mich. Universal joint. 2,354,961; Aug. 1.
Oehler, Alvin W., assignor to Deere & Company, Moline, Ill. Pickup mechanism. 2,351,144; June 13.
Oehler, Alvin W., and D. L. Adams, Moline, and S. S. Harter, East Moline, assignors to Deere & Company, Moline, Ill. Windrower. 2,354,962; Aug. 1.
Oehler, Alvin W., assignor to Deere & Company, Moline, Ill. Combine. 2,364,311; Dec. 5.
Oeler, Richard C. (See Goddard, M. B., and Oeler.)
Oelkers, Alfred H., New Braunfels, Tex., assignor to American Steel Foundries, Chicago, Ill. Bolster. 2,348,694; May 9.
Oelkers, Alfred H., assignor to American Steel Foundries, Chicago, Ill. Spring group. 2,360,262; Oct. 10.
Oertel, Clarence M., Detroit, Mich. Internal-combustion engine valve control. 2,354,606; July 25.
Oertling, Paul, assignor to The Glidden Company, Cleveland, Ohio. Treating soybean oil. 2,363,016; Nov. 21.
Oestman, Charles O. (See Tyken, J. G., and Oestman.)
Oestnaes, Victor L., assignor to American Gas Accumulator Company, Elizabeth, N. J. Buoy marker. 2,342,363; Feb. 22.
Oetzel, John G., Beloit, assignor to Warner Electric Brake Manufacturing Company, South Beloit, Wis. Brake. 2,352,218; June 27.
Oetzel, John G., Beloit, Wis., assignor to Warner Electric Brake Manufacturing Company, South Beloit, Ill. Electromagnetic friction device. 2,353,185; July 11.
Oetzel, John G., Beloit, Wis., assignor to Warner Electric Brake Manufacturing Company, South Beloit, Ill. Electromagnetic friction device. 2,353,749; July 18.
Oetzel, John G., Beloit, Wis., assignor to Warner Electric Brake Manufacturing Company, South Beloit, Ill. Electromagnetic friction device. 2,353,750; July 18.
O'Farrell, Matthew, Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Cushioning device for rock drills. 2,341,472; Feb. 8.
Offen, Bernard, Chicago, Ill. Drying hood. 2,349,558; May 23.
Offen, Francis J., assignor to Garrard Engineering & Manufacturing Company, Limited, Swindon, England. Record discharge mechanism. 2,352,560; June 27.
Offen, Francis J., assignor to Garrard Engineering & Manufacturing Company, Limited, Swindon, England. Knockoff mechanism for phonographs. 2,352,561; June 27.
Offen, Francis J., assignor to Garrard Engineering & Manufacturing Company, Limited, Swindon, England. Vane structure in record discharge mechanisms. 2,352,562; June 27.
Offen, Francis J., assignor to Garrard Engineering & Manufacturing Company, Limited, Swindon, England. Record reversing mechanism. 2,352,563; June 27.
Oftedal, Philip R., and O. Christensen, assignors to G. L. Dunn, Chicago, Ill. Method and means for forming window blind slat stock. 2,346,990; Apr. 18.
Ogburn, Bobbie G., et al. (See Ogburn, Herbert H., assignor.)
Ogburn, Herbert H., assignor of one-half to B. G. Ogburn, one-fourth to J. Ogburn, and one-fourth to S. Ogburn, Greensboro, N. C. Suturing instrument. 2,365,647; Dec. 19.
Ogburn, Jean, et al. (See Ogburn, Herbert H., assignor.)
Ogburn, Sally, et al. (See Ogburn, Herbert H., assignor.)
Ogden, Arthur N. (See Dillinger, J. F., and Ogden.)
Ogden, Benjamin V., Wynnewood, Pa. Race starting apparatus. 2,341,473; Feb. 8.
Ogden, Floyd H., Arlington, Mass. Cloth cutting machine. 2,343,202; Feb. 29.
Ogden, Floyd H., Arlington, Mass. Cutting machine. 2,346,046; Apr. 4.
Ogden, Jack, Huntington Woods, assignor to General Motors Corporation, Detroit, Mich. Welding transformer. 2,341,943; Feb. 15.
Ogg, William A., Huntington, W. Va. Recovery of zinc. 2,341,805; Feb. 15.
Ogilby, Stewart R., Eltingville, Staten Island, assignor to United States Rubber Company, New York, N. Y. Crude rubber. 2,347,576; Apr. 25.
Ogilby, Stewart R., Eltingville, Staten Island, assignor to United States Rubber Company, New York, N. Y. Treating aqueous dispersions of rubber. 2,359,667; Oct. 3.
Ogilvie, Charles B., North Kansas City, W. E. Nickell, Lee's Summit, and L. E. Colley, Buckner, Mo., assignors to Remington Arms Company, Inc., Bridgeport, Conn. Machine control means. 2,356,266; Aug. 22.
Ogilvie, James, Buffalo, assignor to Allied Chemical & Dye Corporation, New York, N. Y. Sulphonation of alpha-aminoanthraquinone compounds. 2,360,010; Oct. 10.
Ogle, Earl N., Bozeman, Mont. Rotary steam engine. 2,346,936; Apr. 18.
Ogle, Edward, Dallas, Tex. Saw setting tool. 2,359,668; Oct. 3.
Ognibene, James, Brooklyn, and L. Ricci, Long Island City, N. Y. Tool aligning and guiding device. 2,338,530; Jan. 4.
O'Gorman, William F., assignor to Tel-A-Tale Motion Sign Corporation, New York, N. Y. Moving sign. 2,346,699; Apr. 18.
Ogorzaly, Henry J., Baton Rouge, La., assignor to Standard Oil Development Company. Treating hydrocarbon fluids. 2,344,449; Mar. 14.
Ogren, Arthur, New York, N. Y. Depth and taper gauge. 2,349,879; May 30.
Ogren, Russell B., South Bend, Ind. Portable recess cutter. 2,348,406; May 9.
O'Halloran, James P., Chicago, Ill. Pipe construction. 2,360,513; Oct. 17.
Ohanneson, Aram P. (See Goertsen, William, assignor.)
O'Hare, George W., Bellflower, and C. Harley, Los Angeles, Calif., assignors, by mesne assignments, to Consolidated Vultee Aircraft Corporation. Ammunition container. 2,349,454; May 23.
Ohio Blanket Company, The. (See Arnold, C. W., and Hinger, assignor.)
Ohio Boxboard Company, The. (See Marshall, Ray W., assignor.)
Ohio Brass Company, The. (See Birch, Leland W., assignor.)
Ohio Brass Company, The. (See Knight, Arthur J., assignor.)
Ohio Brass Company, The. (See Larsson, E. A., and Price, assignors.)
Ohio Brass Company, The. (See Lewis, Warren J., assignor.)
Ohio Brass Company, The. (See Matthes, Samuel S., assignor.)
Ohio Brass Company, The. (See Palmer, Jay R., assignor.)
Ohio Brass Company, The. (See Smith, Edward P., assignor.)
Ohio Brass Company, The. (See Smith, William A., assignor.)
Ohio Brass Company, The. (See Smith, W. A., and Miller, assignors.)
Ohio Carbon Company, The. (See Kopple, John J., assignor.)
Ohio Carbon Company, The. (See Stoffel, L. L., and Stark, assignors.)
Ohio Citizens Trust Company, The. (See Replogle, Daniel B., assignor.)
Ohio Citizens Trust Company, The, trustee. (See Replogle, Daniel B., assignor.)
Ohio Crankshaft Company, The. (See Denneen, F. S., and Dunn, assignors.)
Ohio Cultivator Co., The. (See Englund, Ernst E., assignor.)
Ohio Fero-Alloys Corporation. (See Vignos, James C., assignor.)
Ohio Injector Company, The. (See Doster, H. G., and Hanlon, assignors.)
Ohio Injector Company, The. (See Hanlon, Robert H., assignor.)
Ohio Rubber Company, The. (See Humphreys, Marion W., assignor.)
Ohio Rubber Company, The. (See Whorter, J. F., and Humphreys, assignors.)
Ohio Seamless Tube Company, The. (See Dewey, Raymond E., assignor.)
Ohio State University Research Foundation, The. (See Baver, L. D., and Shaw, assignors.)
Ohio State University Research Foundation. (See Brown, John B., assignor.)
Ohio State University Research Foundation. (See Dreese, E. E., Evans, and Davis, assignors.)
Ohio State University Research Foundation, The. (See Olpin, Albert R., assignor.)
Ohio State University Research Foundation, The. (See Parks, Robert Q., assignor.)
Ohio State University Research Foundation, The. (See Renshaw, Samuel, assignor.)
Ohio Steel Foundry Company, The. (See Bowsher, Lawrence H., assignor.)

Ohlinger, Leo A., assignor to Standard Oil Company, Chicago, Ill. Valve. 2,342,482; Feb. 22.
Ohlinger, Leo A., and H. A. Heiss, assignors to Standard Oil Company, Chicago, Ill. Coke removal. 2,355,323; Aug. 8.
Ohls, Robert L., assignor to Reed Roller Bit Company, Houston, Tex. Valve. 2,342,963; Feb. 29.
Ohlsson, Olof A., Stockholm, Sweden. Combustion device. 2,354,963; Aug. 1.
Ohme, Walter F., and R. C. Stephan, Minneapolis, Minn. Machine for washing drinking vessels. 2,360,156; Oct. 10.
Ohmoto, Torajiro, Higashiyodogawaku, Osaka, Japan; vested in the Alien Property Custodian. Transferring device for the figures in calculating machines. 2,338,961; Jan. 11.
Ohta, Masaki, Osaka, Japan; vested in the Alien Property Custodian. Derivatives of hesperidin and preparing the same. 2,350,804; June 6.
Oil Devices. (See Breese, James L., assignor.)
Oil Devices. (See Breese, J. L., and Hayter, assignors.)
Oil Devices. (See Breese, J. L., and Huston, assignors.)
Oil Devices. (See Hayter, Bruce, assignor.)
Oil Devices. (See Hayter, B., and Perry, assignors.)
Oil Devices. (See Perry, Stanley, assignor.)
Oilgear Company, The. (See Davis, Richard E., assignor.)
Oilgear Company, The. (See Douglas, James K., assignor.)
Oilgear Company, The. (See Tyler, Ransom, assignor.)
Oil Lift Supply Company. (See Peters, Clifford M., assignor.)
Oil Well Supply Company. (See Adams, James W., assignor.)
Oil Well Supply Company. (See Redman, W. J., and Shimer, assignors.)
Oishei, John R., assignor to Trico Products Corporation, Buffalo, N. Y. Window system for motor vehicles. 2,348,838; May 16.
Ojalvo, Edmond, New York, N. Y. Compound valve. 2,341,411; Feb. 8.
O'Kane, Thomas J., Park Ridge, Ill. Visible record. 2,354,769; Aug. 1.
O'Keeffe, David, Buffalo, N. Y. Auto safety belt. 2,349,109; May 16.
O'Kelly, Arlie A. (See Sachanen, A. N., O'Kelly, and Work.)
O'Kelly, Arlie A., Woodbury, N. J., and R. H. Work, Philadelphia, Pa., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Alkylation process. Re. 22,458; Mar. 21.
O'Kelly, Arlie A., Woodbury, N. J., and D. P. J. Goldsmith, Cambridge, Mass., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Alkylation process. 2,347,790; May 2.
Okerholm, Carl H., Lakewood, and A. Pasquale, Providence, R. I., assignors, by mesne assignments, to American Metal Crafts Company. Pin stem clutch. 2,354,638; July 25.
Okies, Joe, El Paso, Tex. Dispensing container. 2,353,355; July 11.
Okolicsanyi, Ferenc, Kensington, London, England, assignor to Scophony Corporation of America, New York, N. Y. Television receiver. 2,349,298; May 23.
Okonite-Callender Cable Company. (See Bennett, Charles E., assignor.)
Okonite Company, The. (See Bennett, Charles E., assignor.)
Okonski, Theodore S., assignor to The Consolidated Expanded Metal Companies, Wheeling, W. Va. Container and blank therefor. 2,340,422; Feb. 1.
Okrent, Jasper J., Flushing, N. Y., assignor to Hazeltine Corporation. Carrier-signal frequency detector. 2,343,263; Mar. 7.
Okun, Louis. (See Selden, Herman, assignor.)
Olander, Roland J., assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorbing mechanism. 2,354,826; Aug. 1.
Olaszy, Joseph M., Bronx., assignor of twenty-five per cent to J. Varro, ten per cent to F. Magyarits and five per cent to E. Goldman, New York, N. Y. Airplane air brake. 2,344,520; Mar. 21.
Olcott, Charles A., West Milford, N. J. Centrifuge drive. 2,349,559; May 23.
Olcott, Charles A., West Milford, N. J. Gear driving means for centrifugal machines. 2,363,613; Nov. 28.
Old Dominion Box Company. (See Arner, Sterling R., assignor.)
Old Dominion Box Company. (See Becker, Walter A., assignor.)
Old King Cole Incorporated. (See Smith, Jacob Perry, assignor.)
Oldbury Electro-Chemical Co. (See Pernert, John C., assignor.)
Oldenboom, Derk J., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Circuit connecting device. 2,353,061; July 4.
Older, Clifford, Wilmette, assignor of one-half to A. G. McCleb, Evanston, Ill. Camera. 2,354,273; July 25.
Oldham, Gordon V., et al. (See Blaes, Edward G., assignor.)
Oldham, Samuel R., Newark, N. J., assignor to Union Carbide and Carbon Corporation. Blowpipe. 2,348,839; May 16.
Oldham, Wilbur N., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparing guanamines. 2,344,784; Mar. 21.
Olds, Ambrose D., assignor to The Coleman Lamp and Stove Company, Wichita, Kans. Door for floor furnaces and like heating appliances. 2,341,806; Feb. 15.
Olds, Ambrose D., assignor to The Coleman Lamp and Stove Company, Wichita, Kans. Pilot for gas burners. 2,365,102; Dec. 12.
Olds, Charles J. (See Bard, F. N. Breitenstein, Olds and Wray.)
O'Leary, Arthur J., Longmeadow, Mass. Furniture construction. 2,353,356; July 11.
O'Leary, Charles M., Houston, Tex. Intermitter. 2,350,472; June 6.
O'Leary, Charles M., Houston, Tex. Bottom hole intermitter. 2,356,423; Aug. 22.
Olenik, Frank J. (See Kohlhafer, W. H., and Olenik.)
Olesen, Raymond C., assignor to Consolidated Engineering Corporation, Pasadena, Calif. Vibration measuring system. 2,352,219; June 27.
Olin, Hubert L., Iowa City, Iowa. Purification of water. 2,345,827; Apr. 4.
Olin, Hubert L., Iowa City, Iowa. Sewage treatment. 2,345,828; Apr. 4.
Olin, Hubert L., Iowa City, Iowa. Purification of water. 2,362,022; Nov. 7.
Olin, John F., and T. E. Deger, Grosse Ile, Mich., assignors to Sharples Chemicals Inc. Manufacture of sulphur derivatives of organic compounds. 2,349,191; May 16.
Olin, John F., Grosse Ile, and J. F. McKenna, Wyandotte, Mich., assignors to Sharples Chemicals Inc., Philadelphia, Pa. Manufacture of aliphatic amines. 2,365,721; Dec. 26.
Olin, Kristian F., Jonkoping, Sweden. Steam plant. 2,341,738; Feb. 15.
Oliner, Saul, Brooklyn, N. Y. Hair net. 2,349,299; May 23.
Oliphant, Marcus L., Barnt Green, near Birmingham, England, assignor to Dobbie McInnes Limited, Glasgow, Scotland. Pressure-recording instrument. 2,360,442; Oct. 17.
Oliver, Anthony F. (See Palmer, R. C., Oliver, and Edelstein.)
Oliver, Boyce J., Jacksonville, Fla. Tube squeezer. 2,357,351; Sept. 5.
Oliver, Chauncey B. (See Dick, H. L., and Oliver.)
Oliver Farm Equipment Company. (See Altgelt, Herman F., assignor.)
Oliver Farm Equipment Company. (See Braley, William L., assignor.)
Oliver Farm Equipment Company. (See Gemberling, Cameron H., assignor.)
Oliver Farm Equipment Company. (See Gemberling, C. H., and Altgelt, assignors.)
Oliver Farm Equipment Company. (See Wink, Edward C., assignor.)
Oliver, George F. N., assignor to Oliver Pell Control Limited, London, England. Light buoy. 2,346,325; Apr. 11.
Oliver Iron Mining Company. (See Warner, James D., assignor.)
Oliver Iron and Steel Corporation. (See Mack, Edward A., assignor.)
Oliver, John R., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Welt-applying machine. 2,345,002; Mar. 28.
Oliver Machinery Company. (See Tuthill, Howard B., assignor.)
Oliver Machinery Company. (See Tuthill, H. B., and Caldwell, assignors.)
Oliver Pell Control Limited. (See Heyermans, Charles L., assignor.)
Oliver Pell Control Limited. (See Oliver, George F. N., assignor.)
Oliver, Ralph R., assignor to Lockport Cotton Batting Co., Lockport, N. Y. Bleaching process and composition. 2,359,782; Oct. 10.
Oliver, Robert M., Reno, Nev., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Hydraulic decelerometer. 2,347,962; May 2.
Oliver, Robert M., Reno, Nev., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Variable load brake. 2,355,747; Aug. 15.
Oliver, Sidney H. (See Pearce, O. A., and Oliver.)
Oliver, Thomas J., Birmingham, Ala. Adjustable pitman arm. 2,359,669; Oct. 3.
Oliver United Filters Incorporated. (See Ackerly, Orville R., Jr., assignor.)
Oliver United Filters Incorporated. (See Denhard, Harry W., assignor.)
Oliver United Filters Incorporated. (See Ditsen, Edward C., assignor.)
Oliver United Filters Incorporated. (See Lee, Graham, assignor.)
Oliver United Filters Incorporated. (See Oswald, Harold F., assignor.)
Oliver, Wilbur C., 2nd, Detroit, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Control valve for brakes. 2,352,001; June 20.
Oliver, Wilfred T. (See Sampietro, A. C., and Oliver.)
Oliver, William H., Jr., Oakland, Calif. Microscopic slide. 2,351,282; June 13.

Olken, Hyman, Washington, D. C. Recorder. 2,339,289; Jan. 18.
Olken, Hyman, Washington, D. C. Electric switch. 2,356,174; Aug. 22.
Ollier, Joseph O., New York, N. Y. Manufacture of cemented hard metals, in particular for tool elements. 2,349,062; May 16.
Olmstead, Benjamin C., and F. J. Terry, Allegan, Mich. Tractor drawbar structure or device. 2,341,807; Feb. 15.
Olmsted, Lloyd W., Hawthorne, Calif. Fastening means. 2,365,834; Dec. 26.
Olney, Nathaniel M., Jersey City, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for blanking materials. 2,352,339; June 27.
O'Loughlin, James J., assignor to Paint Engineers, Inc., Hawthorne, N. J. Coating composition. 2,355,889; Aug. 15.
O'Loughlin, John F. (See Backoff, W. J., Williams, O'Loughlin, Moir, and Yule.)
Olpin, Albert R., assignor to The Ohio State University Research Foundation, Columbus, Ohio. Determining moisture in materials. 2,342,553; Feb. 22.
Olpin, Henry C., and J. Wright, Spondon, near Derby, England, assignors to Celanese Corporation of America. Disazo dyes developed on the fiber. 2,343,995; Mar. 14.
Olpin, Henry C., S. A. Gibson, and J. E. Jones, Spondon, near Derby, England, assignors to Celanese Corporation of America. Manufacture of cellulose derivatives having affinity for acid dyestuffs. 2,348,305; May 9.
Olsen, Anders C., Forest Hills, N. Y. Securing lath to studding or the like. 2,347,961; May 2.
Olsen, Anders C., Forest Hills, N. Y. Panel fastening element. 2,352,002; June 20.
Olsen, Burton A., assignor to California Cotton Mills Company, Oakland, Calif. Stemming wad for blastholes. 2,341,944; Feb. 15.
Olsen, Carl E. (See Saul, J., Olsen, and Peterson.)
Olsen, Carl H., assignor to H. Hildebrandt, Chicago, Ill. Registering means for duplicators and the like. 2,362,715; Nov. 14.
Olsen, Fredrich, Alton, assignor to Western Cartridge Company, East Alton, Ill. Explosive. 2,349,300; May 23.
Olsen, Harlow R., Minneapolis, Minn. Combination hoist and scaffolding. 2,364,547; Dec. 5.
Olsen, John C. (See Eustis, I. N., Boyce, and Olsen.)
Olsen, Marlow W., Beltsville, Md. Carrier for transferring tissues. 2,360,616; Oct. 17.
Olsen, Marvin R., Glen Ellyn, J. J. Reid, Elmhurst, and E. C. Higgins, assignors to Sears Roebuck and Co., Chicago, Ill. Water treating device. 2,349,830; May 30.
Olsen, Rodney H., Racine, Wis. Electroplating apparatus. 2,355,236; Aug. 8.
Olson, Albert C., South Braintree, Mass. Engraver's compound. 2,343,573; Mar. 7.
Olson, Albin N., Oshkosh, Nebr. Grain elevator. 2,357,220; Aug. 29.
Olson, Andrew, Bangor, Wash. Saw gauge. 2,339,509; Jan. 18.
Olson, Buford W., assignor to Chas. Olson & Sons, Inc., Minneapolis, Minn. Multiple position fastener for hinged tail gates. 2,364,648; Dec. 12.
Olson, Carl. (See Anderson, R. T., and Olson.)
Olson, Carl A., C. V. Lisle, and T. E. Brooks, assignors to Lisle Corporation, Clarinda, Iowa. Grinder attachment. 2,356,175; Aug. 22.
Olson, Carl M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Titanium oxide pigment production. 2,342,483; Feb. 22.
Olson, Chas., & Sons, Inc. (See Olson, Buford W., assignor.)
Olson, Charles U., Evanston, Ill. Thread-end clamping device. 2,358,731; Sept. 19.
Olson, Clair D., Flagstaff, Ariz., assignor to The Electric Storage Battery Co. Vent structure for cells employing liquid electrolytes. 2,346,937; Apr. 18.
Olson, Edwin N., Schenectady, N. Y., assignor to General Electric Company. Oscillation damper. 2,360,157; Oct. 10.
Olson, Eric P., assignor to The Diamond Match Company, New York, N. Y. Apparatus for internally coating containers. 2,349,455; May 23.
Olson, Eric P., Brooklyn, assignor to The Diamond Match Company, New York, N. Y. Applying tubular articles to dies and the like. 2,349,456; May 23.
Olson, Frederick F., Sudbury, Mass., assignor to The B. F. Goodrich Company, New York, N. Y. Making boots and similar articles of footwear. 2,365,103; Dec. 12.
Olson, Gordon L. (See Peterson, C. E., and Olson.)
Olson, Harry F., Haddon Heights, N. J., assignor to Radio Corporation of America. Microphone. 2,348,356; May 9.
Olson, Harry F., Haddon Heights, assignor to Radio Corporation of America. Acoustic stethoscope. 2,363,686; Nov. 28.
Olson, Henning E., Brookfield, assignor to Bear Manufacturing Company, Rock Island, Ill. Wheel puller. 2,365,771; Dec. 26.
Olson, Kenneth A., assignor to Lewis Bolt & Nut Company, Minneapolis, Minn. Floor clip. 2,345,419; Mar. 28.
Olson, Malven L., Indianapolis, Ind., assignor to Union Carbide and Carbon Corporation. Flux dispensing process and apparatus. 2,347,498; Apr. 25.
Olson, Ola M., Rosholt, S. Dak. Flytrap. 2,350,519; June 6.
Olson, Raymond E., Pittsford, assignor to Taylor Instrument Companies, Rochester, N. Y. Apparatus for governing deseration. 2,343,317; Mar. 7.
Olson, Robert W. (See Shook, E. M., and Olson.)
Olson, Roy H., Marion, Iowa, assignor to Collins Radio Company. Tap switch. 2,348,222; May 9.
Olson, Samuel, Chicago, Ill. Conveyer. 2,338,962; Jan. 11.
Olson, Waldemar N., Brookfield, assignor to Reynolds Electric Co., Chicago, Ill. Electric fence. 2,363,433; Nov. 21.
Olson, Walter J., Suffern, N. Y., assignor to American Brake Shoe Company. Molding flask. 2,348,840; May 16.
Olsson, Johannes, and J. R. Stalblad, assignors to Aktiebolaget Götaverken, Goteborg, Sweden. Single acting reciprocating engine. 2,339,510; Jan. 18.
Olsson, Johannes, and J. R. Stålblad, assignors to Aktiebolaget Götaverken, Gothenburg, Sweden. Internal combustion engine with scavenging air compressor. 2,342,212; Feb. 22.
Olstad, John W., Buffalo, assignor to Niagara Blower Company, New York, N. Y. Bubble tower. 2,352,655; July 4.
Olstad, Martin H., and A. E. Williams, White Plains, assignors to Niagara Blower Company, New York, N. Y. Apparatus for cooling a stream of fluid. Re. 22,533; Aug. 22.
Olstad, Martin H., Bayside, and A. E. Williams, White Plains, assignors to Niagara Blower Company, New York, N. Y. Apparatus for maintaining the desired temperature of liquids. Re. 22,553; Oct. 3.
Olszewski, Edward, Detroit, Mich. Razor blade holder. 2,353,062; July 4.
Olt, Richard G., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Making porous metal. 2,341,739; Feb. 15.
Olving, Bror G., assignor to McGraw Electric Company, Elgin, Ill. Electric razor. 2,350,805; June 6.
Olving, Bror G., assignor to McGraw Electric Company, Elgin, Ill. Electric motor. 2,355,175; Aug. 8.
Olving, Bror G., assignor to McGraw Electric Company, Elgin, Ill. Automatic sadiron. 2,357,905; Sept. 12.
O'Malley, Joseph M., assignor to Morgan Construction Company, Worcester, Mass. Switching apparatus. 2,363,079; Nov. 21.
O'Malley, Joseph M., assignor to Morgan Construction Company, Worcester, Mass. Universal coupling. 2,365,772; Dec. 26.
O'Malley, Joseph M., and F. B. Fay, assignors to Morgan Construction Company, Worcester, Mass. Shear. 2,348,491; May 9.
Omansky, Morris. (See Bersworth, F. C., and Omansky.)
Omega Machine Company. (See Coffman, Paul A., Jr., assignor.)
Omega Machine Company. (See Harper, Lyndus E., assignor.)
Ondříček, Jan. (See Holek, V., and Ondříček.)
Oneal, Frank E., Joliet, Ill. Typewriter support. 2,348,640; May 9.
O'Neal, Grady M., Chicago, Ill., assignor to The Sherwin-Williams Company, Cleveland, Ohio. Coating composition and azo pigment dyestuff therefor. 2,350,520; June 6.
O'Neal, Grady M., Chicago, Ill., assignor to The Sherwin-Williams Company, Cleveland, Ohio. Free-flowing powdered soap mixture and its preparation. 2,350,521; June 6.
O'Neal, Grady M., Chicago, Ill., assignor to The Sherwin-Williams Company, Cleveland, Ohio. Manufacture of azo pigment dyestuffs and coating compositions. 2,350,522; June 6.
O'Neal, Grady M., Chicago, Ill., assignor to The Sherwin-Williams Company, Cleveland, Ohio. Salt-form azo pigment dyestuff and coating composition made therefrom. 2,350,523; June 6.
O'Neal, Grady M., Chicago, Ill., assignor to The Sherwin-Williams Company, Cleveland, Ohio, Azo pigment dyestuff and coating composition. 2,350,524; June 6.
O'Neal, Grady M., Chicago, Ill., assignor to The Sherwin-Williams Company, Cleveland, Ohio. Manufacture of pigments and coating compositions. 2,350,525; June 6.
O'Neal, Grady M., Chicago, Ill., assignor to The Sherwin-Williams Company, Cleveland, Ohio. Water-insoluble soap of soap-forming acids in powdered, free-flowing form. 2,350,526; June 6.
O'Neil, Charles E., Timmins, assignor of twenty-five per cent to International Detachable Bits & Equipment Limited, South Porcupine, Ontario, Canada. Peeling and slicing attachment for knives. 2,354,607; July 25.
O'Neil, Daniel T. (See Ophuls, F., and O'Neil.)
O'Neil-Duro Company. (See Hoffmann, Gilbert F., assignor.)
O'Neil, Horace T. (See Jones, R. C., O'Neil, and Wente.)
O'Neil, James H., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Baffle wall structure for sheet drying or baking ovens. 2,362,847; Nov. 14.
O'Neil, Rose, New Orleans, La. Mop wringer. 2,352,910; July 4.

O'Neill, William M. (See Greene, Frank S., assignor.)
O'Neill, Jack B., et al. (See O'Neill, Martin J., assignor.)
O'Neill, Martin J., Ottawa, Ill., assignor to J. B. O'Neill, Sarasota, Fla., R. A. O'Neill, Toledo, Ohio, M. J. O'Neill, Jr., Sarasota, Fla., and R. J. O'Neill, Ottawa, Ill. Water heater. 2,355,551; Aug. 8.
O'Neill, Martin J., Jr., et al. (See O'Neill, Martin J., assignor.)
O'Neill, Peter J., assignor of one-half to J. W. Eley, Pensacola, Fla. Cleaning and scraping implement. 2,347,263; May 2.
O'Neill, Ralph H. Dartmouth, Nova Scotia, Canada. Convertible sleeping unit. 2,348,407; May 9.
O'Neill, Richard A., et al. (See O'Neill, Martin J., assignor.)
O'Neill, Robert J., et al. (See O'Neill, Martin J., assignor.)
Onions, John H. (See Thornhill, Peter W., assignor.)
Onions, John H., Coventry, England. Apparatus for manufacturing grinding tools. 2,360,443; Oct. 17.
Onishi, George E., South Bend, Ind., and H. E. Schank, Detroit, Mich., assignors to The Studebaker Corporation, South Bend, Ind. Heater. 2,360,617; Oct. 17.
Onksen, George W., Jr. (See Dow, G. S., Jr., and Onksen.)
Onksen, George W., Jr., Anderson, Ind., and C. C. Duell, Baltimore, Md.; said Onksen Jr., assignor to General Motors Corporation, Detroit, Mich. Signal lamp. 2,364,458; Dec. 5.
Onnen, John G., et al. (See Schreib, Joseph, assignor.)
Onsrud Machine Works, Inc. (See Onsrud, Rudolph F., assignor.)
Onsrud, Rudolph F., assignor to Onsrud Machine Works, Inc., Chicago, Ill. Spar tapering and shaping machine. 2,345,494; Mar. 28.
Onsrud, Rudolph F., assignor to Onsrud Machine Works, Inc., Chicago, Ill. Chuck. 2,345,495; Mar. 28.
Onsrud, Rudolph F., assignor to Onsrud Machine Works, Inc., Chicago, Ill. Turret head router. 2,347,791; May 2.
Ontario Research Foundation. (See Dykeman, G. J. H., and Goodings, assignors.)
Ontario Research Foundation. (See Goodings, A. C., and Turl, assignors.)
Onuska, Andrew. (See Manning, A., and Onuska.)
Opalek, Charles, Brooklyn, N. Y. Door operating mechanism. 2,342,597; Feb. 22.
Opalek, Charles, Brooklyn, N. Y. Door operating mechanism. 2,366,048; Dec. 26.
Opavsky, Walter, Altenhammer, Bayer, Ostmark, Germany; vested in the Alien Property Custodian. Production of hollow products. 2,345,144; Mar. 28.
Openshaw, Ralph A., Mesa, Ariz. Baler press. 2,342,964; Feb. 29.
Operadio Manufacturing Co. (See Larson, Robert H., assignor.)
Ophelm, Alvin W., Alden, Ill. Tractor. 2,345,496; Mar. 28.
Ophuls, Fred, & Associates, Inc. (See Ophuls, F., and O'Neil, assignors.)
Ophuls, Fred, New York, N. Y., and D. T. O'Neil, Lowell, Mass., assignors to Fred Ophuls & Associates, Inc., New York, N. Y. Refrigerating apparatus. 2,359,379; Oct. 3.
Opie, John, Chicago, Ill. Attachment for ham stuffing presses. 2,344,054; Mar. 14.
Opie, John, Chicago, Ill. Device for packaging hams or the like. 2,348,144; May 2.
Opie, John, Riverside, assignor to Whiting Corporation, Harvey, Ill. Shearing and punching machine. Re. 22,581; Dec. 19.
Opie, John, Riverside, Ill. Shearing and punching machine. 2,343,697; Mar. 7.
Opocensky, Willard J., Glendale, Calif., assignor of one-half to Eastman Oil Well Survey Company, Dallas, Tex., and one-half to Eastman Oil Well Survey Corporation, Long Beach, Calif. Marking record elements. 2,345,829; Apr. 4.
Opp, Carl, Cincinnati, Ohio, assignor to Interchemical Corporation, New York, N. Y. Alkyd resin as plasticizer. 2,357,221; Aug. 29.
Oppel, John A., Upper Darby Township, Delaware County, Pa., assignor to General Electric Company. Electric switch. 2,348,021; May 2.
Oppenauer, Rupert, Amsterdam, and C. C. Bolt, Ose, Netherlands, assignors to Roche-Organon Inc., Nutley, N. J. Recovering hydroxy-3-etiocholenic acid and its esters. 2,354,875; Aug. 1.
Oppenauer, Rupert, Amsterdam, Netherlands; vested in the Alien Property Custodian. Manufacture of hydroxy-keto compounds having a cyclopentanopolyhydrophenanthrene nucleus. 2,363,548; Nov. 28.
Oppenheimer, Heinz E., Great Neck, N. Y. Preparing multi-leaved edges for receiving colored markings and the article resulting therefrom. 2,359,328; Oct. 3.
Oravec, Emil G., assignor to Crane Co., Chicago, Ill. Valve. 2,346,938; Apr. 18.
Orcutt, Arthur H., assignor to The Gear Grinding Company Limited, Shirley, near Birmingham, England. Machine for gauging the helix of helical toothed gear wheels. 2,340,978; Feb. 8.
Ordman, Theodore, Brooklyn, N. Y. Portable signaling aid for the deaf and hard of hearing. 2,350,413; June 6.
Orear, Andrew G. (See Marker, W. M., and Orear.)
O'Rear, Kenneth H. (See Ballsteri, J. F., and O'Rear.)
Orefraction Incorporated. (See Horsfield, Basil, assignor.)
Orefraction Incorporated. (See Wiegand, Edwin L., assignor.)
O'Reilly, Charles L., New York, N. Y. Vending machine. 2,356,687; Aug. 22.
O'Reilly, Charles L., New York, N. Y. Cabinet. 2,356,688; Aug. 22.
Orelind, John R., Wilmette, Ill., assignor to International Harvester Company. Power transmission means. 2,349,880; May 30.
Orelind, John R., Wilmetter, Ill., assignorto International Harvester Company. Agricultural implement. 2,352,491; June 27.
Orelind, John R., Wilmette, Ill., assignor to International Harvester Company. Agricultural implement. 2,354,274; July 25.
Orelup, John W., Short Hills, N. J. Fuel treating agent. 2,346,780; Apr. 18.
Orelup, John W., Short Hills, N. J. Dyeing hair. 2,359,783; Oct. 10.
Orem, Henry P., North Plainfield, N. J., assignor to American Cyanamid Company, New York, N. Y. Distilling aniline. 2,358,182; Sept. 12.
Oren, Paul, et al. (See Kealey, Frank S., Jr., assignor.)
Orendorff, John W., Canton, Ill., assignor to International Harvester Company. Tractor-mounted planter. 2,341,190; Feb. 8.
Orendorff, John W., Canton, Ill., assignor to International Harvester Company. Machine element. 2,341,191; Feb. 8.
Orendorff, John W., Canton, Ill., assignor to International Harvester Company. Universal cultivator trip shovel. 2,358,531; Sept. 19.
Orendorff, John W., Canton, Ill., assignor to International Harvester Company. Tractor-mounted planter. 2,358,532; Sept. 19.
Orgass, Rudolph, College Point, Long Island, assignor to Nalven & Son, Inc., Bronx, N. Y. Woven fabric tube and making the same. 2,356,342; Aug. 22.
Orgass, Rudolph, College Point, Long Island, assignor to Nalven & Son, Inc., Bronx, N. Y. Tube conformer for tube weaving looms. 2,356,343; Aug. 22.
Orihuela, José I. R., Habana, Cuba. Collecting and controlling device for billiard games. 2,358,533; Sept. 19.
Oriol, Ramón, Manila, P. I.; vested in the Alien Property Custodian. Stereoscopic motion picture device. 2,365,212; Dec. 19.
Oriey, Joseph H., Detroit, Mich. Refrigerator box. 2,360,514; Oct. 17.
Orlich, Peter, G. Negel, and H. Harts, Kiel, Germany; vested in the Alien Property Custodian. Echo sounding device. 2,361,703; Oct. 31.
Orlowsky, Wassyl A., New York, N. Y. Rear vision device. 2,359,706; Oct. 3.
Ormerod, George A., and A. Smith, assignors of one-third to J. H. Robinson & Company (Liverpool) Limited, Liverpool, England. Gas meter. 2,346,229; Apr. 11.
Ormond, John J., assignor of two-thirds to J. D. Ramsey, Boston, Mass. Etching process. 2,345,989; Apr. 4.
Ormond, John J., assignor of two-thirds to J. D. Ramsey, Boston, Mass. Etching printing rolls. 2,346,230; Apr. 11.
Ormond, John J., assignor of two-thirds to J. D. Ramsey, Boston, Mass. Engraving textile printing rolls. 2,346,231; Apr. 11.
Ormond, John J., assignor of two-thirds to J. D. Ramsey, Boston, Mass. Making printing rolls. 2,346,939; Apr. 18.
Ormond, John J., assignor of two-thirds to J. D. Ramsey, Boston, Mass. Making flock material. 2,360,515; Oct. 17.
Orner, Harry, Cleveland Heights, Ohio. Radiant energy locating system. 2,349,370; May 23.
Ornstein, Georg, New York, N. Y. Dosing device for gases. 2,358,587; Sept. 19.
Oroes, Gábor, Bridgeport, Conn. Advertising meat and the like display. 2,360,362; Oct. 17.
Orr, Asa A., Morgantown, assignor of twenty percent to H. Osbourne, Van Voorhis, and twenty percent to W. Kauffeld, Star City, W. Va. Pump. 2,355,748; Aug. 15.
Orr, Carroll E., Orange, assignor to Synero Machine Company, Rahway, N. J. Wire drawing and coiling machine. 2,341,474; Feb. 8.
Orr, Chester A., and E. W. Riemenschneider, assignors to The Union Metal Manufacturing Company, Canton, Ohio. Tube product. 2,361,318; Oct. 24.
Orr, Donald J., Columbus, Ohio. Reversible hydraulic pump. 2,364,469; Dec. 5.
Orr, Palmer, Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Synchronizer coupling. 2,360,711; Oct. 17.
Orser, Horace G., Perrysburg, and W. P. Bamford, Maumee, assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Bending glass sheets. 2,357,537; Sept. 5.
Orshansky, Elias, Jr., University Heights, assignor, by mesne assignments, to Marquette Metal Products Company, Cleveland, Ohio. Valve. 2,354,606; July 25.
Örström, Gustaf, Alsten, Sweden, assignor to Arenco Aktiebolag. Device for opening lids hinged to boxes. 2,359,576; Oct. 3.

Orthner, Ludwig, Frankfort-on-the-Main, H. Sönke, Bad Soden in Taunus, and U. Lampert, Frankfort-on-the-Main-Hochst, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Interpolymerization products of vinyl compounds with cyclic imides. 2,342,295; Feb. 22.
Orthner, Ludwig, Frankfort-on-the-Main, G. Balle, Frankfort-on-the-Main-Sud, and H. Schild, Frankfort-on-the-Main-Hochst, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Condensation products of sulphonic acid amides and sulphonic acid hydrazides and a process of preparing them. 2,344,321; Mar. 14.
Orthner, Ludwig, G. Balle, and H. Schild, Frankfort-on-the-Main, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Halogen methyl compounds of sulphonamides and sulphonhydrazides and a process of preparing them. 2,349,912; May 30.
Orthner, Ludwig, Frankfort-on-the-Main, and T. Jacobs, Weisbaden, Germany; vested in the Alien Property Custodian. Preparing n-monochlorination products of high-molecular fatty acid amides. 2,365,431; Dec. 19.
Orton, Merritt K., assignor to American Seating Company, Grand Rapids, Mich. Chair. 2,351,283; June 13.
Orton, Samuel T., assignor to Union Screen Plate Company, Fitchburg, Mass. Making paper pulp screen plates. 2,352,983; July 4.
Orwell, Albert E., Montreal, Quebec, Canada, assignor to Western Electric Company, Incorporated, New York, N. Y. Article handling device. 2,342,163; Feb. 22.
Osann, Bernhard, Berlin-Lichterfelde, Germany; vested in the Alien Property Custodian. Method of and apparatus for operating shaft furnaces for roasting and the like. 2,345,067; Mar. 28.
Osbeck, Oscar H. Nahant, assignor to Prime Manufacturing Co., Lynn, Mass. Machine for treating soles. 2,356,344; Aug. 22.
Osbon, William O. (See Langer, B. F., and Obson.)
Osborn, Alden E., Mount Vernon, N. Y. Dust protector for cylinders. 2,344,055; Mar. 14.
Osborn Manufacturing Company, The. (See Peterson, Ruben O., assignor.)
Osborn, Ralph C., assignor to The Hoover Company, North Canton, Ohio. Refrigeration. 2,350,249; May 30.
Osborn, Ralph C., assignor to The Hoover Company, North Canton, Ohio. Refrigeration. 2,363,434; Nov. 21.
Osborn, Ralph C., assignor to The Hoover Company, North Canton, Ohio. Refrigeration. 2,363,435; Nov. 21.
Osborne, Fred H. (See Hull, C. J., and Osborne.)
Osborne, John L., Elizabeth, N. J., assignor to American Cyanamid Company, New York, N. Y. Lubricating composition. 2,343,831; Mar. 7.
Osborne, Sidney G., St. Davids, Ontario, Canada, and A. H. Maude, assignors to Hooker Electrochemical Company, Niagara Falls, N. Y. Storing and concentrating anhydrous hydrogen chloride. 2,356,345; Aug. 22.
Osborne, Wiley W. (See Parry, R. D., and Hartman, assignors.)
Osbourne, Harold, et al. (See Orr, Asa A., assignor.)
Osburn, George. (See Cover, R., and Osburn.)
Oschatz, Fritz. (See Reppe, W., Hecht, and Oschatz.)
Osella, Joseph A., Roseville, Calif. Repairing rubber hose. 2,364,911; Dec. 12.
Osgood, Arthur B., Minneapolis, Minn. Dust collector. 2,349,831; May 30.
Osgood, Charles F., Claremont, N. H., assignor to Sullivan Machinery Company. Rock drill. 2,347,499; Apr. 25.
Osgood, Charles F., Claremont, N. H., assignor to Sullivan Machinery Company. Drill steel guide. 2,350,661; June 6.
Osgood, Charles F., Claremont, N. H., assignor to Sullivan Machinery Company. Mining machine. 2,353,414; July 11.
Osgood, Charles F., Claremont, N. H., assignor to Sullivan Machinery Company. Valve mechanism. 2,353,751; July 18.
Osgood, Charles F., Claremont, N. H., assignor to Sullivan Machinery Company. Valve mechanism. 2,353,967; July 18.
Osgood, Charles F., Claremont, N. H., assignor to Sullivan Machinery Company. Mining apparatus. 2,355,176; Aug. 8.
Osgood, Charles F., Claremont, N. H., assignor to Sullivan Machinery Company. Drill steel guide. 2,365,685; Dec. 26.
Osgood, Charles F., Claremont, N. H., assignor to Sullivan Machinery Company. Drill steel guide. 2,365,686; Dec. 26.
Osgood Company, The. (See White, Fred L., assignor.)
Osgood, Robert C., Claremont, N. H., assignor to Sullivan Machinery Company. Material handling apparatus. 2,365,773; Dec. 26.
Osgood, Walter P., Malden, assignor to Boston Machine Works Company, Lynn, Mass. Box or cover ending machine. 2,341,160; Feb. 8.
O'Shaughnessy, Bernard T., Jr., Hartford, and C. H. Desso, Manchester, Conn. Expansion rivet. 2,340,423; Feb. 1.
O'Shei, William E., London, England. Fluid pressure motor system. 2,345,213; Mar. 28.
O'Shei, William E., London, England. Fluid pressure motor. 2,346,502; Apr. 11.
O'Shei, William E., London, England. Snap-action valve mechanism. 2,348,492; May 9.
Oslund, John E., Wethersfield, Conn. Indicator holder. 2,354,046; July 18.
Osmose Wood Preserving Company of America, Inc. (See Bostrum, Enoch, assignor.)
Osmun, Fred N., Houston, Tex. Jar. 2,364,869; Dec. 12.
Osplack, Joseph J., assignor to Vinco Corporation, Detroit, Mich. Bearing. 2,352,911; July 4.
Osrow, Adolph L., Jamaica, N. Y. Electric toaster and cooker. 2,345,769; Apr. 4.
Ost, William R. (See Morehead, F. H., and Ost.)
Osteen, Richard T., Greenville, S. C., assignor to Walker Manufacturing Company, Inc., Philadelphia, Pa. Heddle frame support. 2,344,212; Mar. 14.
Ostenberg, Pontus, San Jose, Calif. Electric generator. 2,362,151; Nov. 7.
Oster Manufacturing Company, The. (See Packer, Harry V., assignor.)
Oster Manufacturing Company, The. (See Tewksbury, Roger, assignor.)
Osterberg, Algot G. (See Crawford, T. D., Woodall, and Osterberg.)
Osterberg, Harold, Buffalo, and K. W. Harper, East Aurora, assignors to Spencer Lens Company, Buffalo, N. Y. Vertical illuminator for microscopes. 2,349,457; May 23.
Osterberg, Harold, G. E. Pride, and R. K. Luneburg, assignors to Spencer Lens Company, Buffalo, N. Y. Treating surfaces. 2,351,536; June 13.
Osterberg, Harold, G. E. Pride, and R. K. Luneberg, assignors to Spencer Lens Company, Buffalo, N. Y. Apparatus for treating surfaces. 2,351,537; June 13.
Osterberg, Johj O., Vicksburg, Miss. Apparatus for determining hydrostatic pressure. 2,360,886; Oct. 24.
Ostergaard, Povl, Mount Lebanon, assignor to Gulf Oil Corporation, Pittsburgh, Pa. Cracking hydrocarbon oils. 2,358,183; Sept. 12.
Ostergaard, Povl, Mount Lebanon, assignor to Gulf Oil Corporation, Pittsburgh, Pa. Cracking hydrocarbon oils. 2,358,184; Sept. 12.
Osterheld, Albert C., Cleveland, Ohio. Dripless spout. 2,346,540; Apr. 11.
Osterheld, Clark M., Stoughton, Wis., assignor to McGraw Electric Company, Elgin, Ill. Electric resistor unit. 2,357,906; Sept. 12.
Osterheld, Clark M., Stoughton, Wis., assignor to McGraw Electric Company, Elgin, Ill. Encased resistor unit. 2,360,263; Oct. 10.
Osterheld, Clark M., Stoughton, Wis., assignor to McGraw Electric Company, Elgin, Ill. Encased resistor unit. 2,360,264; Oct. 10.
Osterheld, Clark M., Stoughton, Wis., assignor to McGraw Electric Company, Elgin, Ill. Encased electric resistor unit. 2,360,265; Oct. 10.
Osterheld, Clark M., Stoughton, Wis., assignor to McGraw Electric Company, Elgin, Ill. Encased resistor unit. 2,360,266; Oct. 10.
Osterheld, Clark M., Stoughton, Wis., assignor to McGraw Electric Company, Elgin, Ill. Encased heating unit. 2,360,267; Oct. 10.
Osterheld, Clark M., Stoughton, Wis., assignor to McGraw Electric Company, Elgin, Ill. Encased heating unit. 2,362,152; Nov. 7.
Osterheld, Clark M., Stoughton, Wis., assignor to McGraw Electric Company, Elgin, Ill. Encased resistor unit. 2,364,996; Dec. 12.
Ostermann, Hans J. (See Cohen, T. A., and Ostermann.)
Ostermann, Hans J., and T. A. Cohen, assignors, by mesne assignments, to Wheelco Instruments Company, Chicago, Ill. Liquid level sensitive apparatus. 2,354,964; Aug. 1.
Ostermann, Hans J., and T. A. Cohen, assignors, by mesne assignments, to Wheelco Instruments Company, Chicago, Ill. Electrical input controller. 2,354,965; Aug. 1.
Ostline, John E., Chicago, Ill., assignor to Automatic Electric Laboratories, Inc. Telephone system. 2,339,709; Jan. 18.
Ostline, John E., Chicago, Ill., assignor to Automatic Electric Laboratories, Inc. Telephone system. 2,352,492; June 27.
Ostline, John E., Chicago, Ill., assignor to Automatic Electric Laboratories, Inc. Printing business machine. 2,360,789; Oct. 17.
Ostolaza, Frank, Florissant, and J. F. Doskocil, Jr., assignors to Mexican American Hat Company, St. Louis, Mo. Multicolor printing apparatus. 2,340,979; Feb. 8.
Ostolaza, Frank, Florissant, and G. E. Holmes, assignors to Mexican American Hat Company, St. Louis, Mo. Sweatband structure. 2,340,980; Feb. 8.
Ostrander, Dezell, Coco Solo, Canal Zone. Ice machine. 2,342,213; Feb. 22.
Ostrander, Robert K., South Orange, N. J., assignor to Badger Cut Outs, Inc., Long Island, N. Y. Toy. 2,349,984; May 30.
Ostrom, Gustaf E., Whittier, Calif., assignor to Chemre Corporation. Jar seal. 2,359,380; Oct. 3.
Ostrowski, Marion I., Detroit, Mich. Sash lock. 2,357,608; Sept. 5.
Ostrowski, Stanley J. (See Buczkowski, E. J., and Ostrowski.)

O'Sullivan Rubber Company. (See Welch, Donald M., assignor.)
Oswald, Frank G., Newark, assignor to Hercules Powder Company, Wilmington, Del. Rosin base ester-drying oil composition. 2,343,021; Feb. 29.
Oswald, Frank G., assignor to Hercules Powder Company, Wilmington, Del. Varnish composition. 2,347,923; May 2.
Oswald, George J., and D. I. Cronin, assignor to The National Cash Register Company, Dayton, Ohio. Electric welding. 2,340,680; Feb. 1.
Oswald, Harold F., Elizabeth, N. J., assignor to Oliver United Filters Incorporated, Oakland, Calif. Filter. 2,352,340; June 27.
Oswald, Leslie H., Chicago, A. S. Mann, and J. H. Wahlbeck, assignors to Paramount Textile Machinery Co. Kankakee, Ill. Garment treating apparatus. 2,351,963; June 13.
Oswald, Robert A., assignor of one-half to R. Foreman, San Mateo, Calif. Racing arena and photographing apparatus. 2,348,841; May 16.
Oswald, W. Norman, Dallas, assignor to Houston Oil Field Material Company, Inc., Houston, Tex. Sampling device. 2,358,470; Sept. 19.
Oswego Falls Corporation. (See Horning, Raymond, assignor.)
Oswego Falls Corporation. (See Lowry, Edward N., assignor.)
Oswego Falls Corporation. (See Wilcox, I. L., and Huntley, assignors.)
Oswianza, Esther G. (See Denzler, Berthold, assignor.)
Oswin, Charles R. (See Heaven, G. S. and H. S., and Oswin.)
Otis, Carl W., Menands, N. Y. Ornamental illuminating device. 2,353,063; July 4.
Otis Elevator Company. (See Handy, A. E., and Bertelsen, assignors.)
Otis Elevator Company. (See Hymans, Frederick, assignor.)
Otis Elevator Company. (See Lewis, Jacob D., assignor.)
Otis Elevator Company. (See Paulson, A. W., and Bruns, assignors.)
Otis Elevator Company. (See Tilton, Russell G., assignor.)
Otis, Herbert C. (See Miller, Ira A., assignor.)
Otis, Herbert C., Dallas, Tex. Locking mechanism for well tools. 2,343,075; Feb. 29.
Otis, Herbert C., Dallas, Tex. Well tool. 2,348,563; May 9.
Otis, Herbert C., Dallas, Tex. Well device. 2,348,564; May 9.
Otis, Herbert C., and J. C. Luccous, Dallas, and I. A. Miller, Houston, Tex.; said Luccous and said Miller assignors to said Otis. Well apparatus. 2,343,076; Feb. 29.
Otis, Russell M., Pasadena, assignor to Lane-Wells Company, Los Angeles, Calif. Method of and apparatus for firing gun perforators. 2,356,082; Aug. 15.
O'Toole, Thomas L. (See Fitch, H. L., and O'Toole.)
Ott, Emil, assignor to Hercules Powder Company, Wilmington, Del. Terpene derivative. 2,344,831; Mar. 21.
Ott, Emil Elsmere, assignor to Hercules Powder Company, Wilmington, Del. Terpene resin. 2,348,565; May 9.
Ott, George, Philadelphia, Pa. Automatic safety vacuum lock. 2,340,424; Feb. 1.
Ott, Harvey N., Buffalo, N. Y. Microscope. 2,360,268; Oct. 10.
Ott, Harvey N., Buffalo, N. Y. Microscope. 2,363,080; Nov. 21.
Ott, Joe, Manufacturing Co. (See Gade, Harcourt F., assignor.)
Ott, Joe, Manufacturing Co. (See Ott, Joseph S., assignor.)
Ott, Joseph S., assignor to Joe Ott Mannfacturing Co., Chicago, Ill. Apparatus for assembling structures. 2,348,920; May 16.
Ott, Thomas O., Jr., assignor to Callaway Mills, La Grange, Ga. Loom. 2,352,341; June 27.
Otte, Carl N., assignor of fifty per cent to H. A. Otte, Durham, Conn. Stamp removal guide. 2,355,552; Aug. 8.
Otte, Helena A. (See Otte, Carl N., assignor.)
Otterbein, John A., Middletown, Conn. Machine gun cartridge belt. 2,364,997; Dec. 12.
Otteson, Andrew, New York, N. Y. Receptacle cover. 2,344,844; Mar. 21.
Ottinger, Harry, McKeesport, Pa., assignorto National Tube Company. Cooling and lubricating mandrel bars. 2,343,022; Feb. 29.
Ottinger, Harry, McKeesport, Pa., assignor to National Tube Company. Cooling mandrel bars. 2,343,023; Feb. 29.
Ottmer, Frederick W., Union City, N. J. Collar for riveting heads. 2,352,733; July 4.
Otto, Carl, Manhasset, N. Y., assignor to Fuel Refining Corporation, Dover, Del. Coke oven construction. 2,340,981; Feb. 8.
Otto, Carl, Manhasset, assignor to Fuel Refining Corporation, New York, N. Y. By-product coke oven plant. 2,342,214; Feb. 22.
Otto, Carl, Manhasset, assignor to Fuel Refining Corporation, New York, N. Y. Uniflow type coke oven. 2,343,318; Mar. 7.
Otto, Carl, Manhasset, assignor to Fuel Refining Corporation, New York, N. Y. Coke oven. 2,346,991; Apr. 18.
Otto, Carl, Manhasset, N. Y., assignor to Fuel Refining Corporation, Dover, Del. Coke oven charging lorry. 2,347,964; May 2.
Otto, Carl, Manhasset, N. Y., assignor to Fuel Refining Corporation, Dover, Del. Preparing coal for conversion into metallurgical coke. 2,353,752; July 18.
Otto, Carl, Manhasset, assignor to Fuel Refining Corporation, New York, N. Y. Coking high voltatile coal. 2,353,753; July 18.
Otto, Carl A., assignor to Johnson Service Company, Milwaukee, Wis. Pressure operated switch. 2,358,732; Sept. 19.
Otto, Charles D., and J. A. McDonnell, New York, N. Y. Apparatus for reducing fire hazards of engine compartments. 2,355,103; Aug. 8.
Otto, Edgar W., Los Angeles, Calif., assignor to Western Lithograph Company. Producing laminated plastic articles. 2,364,870; Dec. 12.
Otto, Eugene J., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Sheave. Re. 22,485; May 23.
Otto, Eugene J., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Constant tension drive. 2,346,047; Apr. 4.
Otto, Eugene J., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Constant tension drive. 2,348,090; May 2.
Otto, Eugene J., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Sheave. 2,348,994; May 16.
Otto, Ferdinand P., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Lubricating oil composition. 2,361,352; Oct. 24.
Otto, Ferdinand P., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Lubricating composition. 2,361,353; Oct. 24.
Otto, Ferdinand P., and O. M. Reiff, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Resinous composition. 2,340,838; Feb. 1.
Otto, Herman E. (See Kirkland, E. W., and Otto.)
Otto, Herman E., assignor to Cooper Paper Box Corporation, Buffalo, N. Y. Dispensing container or carton. 2,349,748; May 23.
Otto, Michael, Ludwigshafen-on-the-Rhine, Germany; vested in the Alien Property Custodian. Production of polymerization products from isobutylene. 2,344,213; Mar. 14.
Otto, Paul W. (See Hannigan, Maurice A., assignor.)
Ottoson, Carl C., Port Richmond, Staten Island, N. Y. Loading boot assembly. 2,345,990; Apr. 4.
Ottoson, Oscar, New York, N. Y. Holder for double-edged razor blades. 2,347,924; May 2.
Ouellette, Francois. (See Pasnick, M., and Ouellette.)
Oursler, William C., Jacksonville, Fla. Collapsible tube holding and dispensing means. 2,340,681; Feb. 1.
Outlaw, George S., Vienna, Va. Ax holder. 2,348,091; May 2.
Overbaugh, Sidney C., Arlington, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of polyvinyl acetal resins. 2,345,946; Apr. 4.
Overbeck, John E. (See Beitler, Samuel R., assignor.)
Overbeck, John E., and S. R. Beitler, Columbus, Ohio. Apparatus for measuring pulsating fluids. 2,343,792; Mar. 7.
Overbeke, John W., Annesile, assignor to The Glenn L. Martin Company, Baltimore, Md. Aircraft construction. 2,351,284; June 13.
Overboard Equipment Corporation. (See Margolin, Harry, assignor.)
Overby, Benjamin M., Brunswick, W. Swilley, Ray City, and S. M. Overby, Brunswick, Ga. Driveway switch. 2,350,063; May 30.
Overby, Sam M. (See Overby, B. M., Swilley, and S. M. Overby.)
Overby, Theodore A., Aberdeen, S. Dak. Antifriction door latch. 2,349,301; May 23.
Overend, Henry, Liverpool, England. Cap closure for containers. 2,346,181; Apr. 11.
Overhage, Carl F. J., assignor to Technicolor Motion Picture Corporation, Hollywood, Calif. Stereocinematography. 2,338,298; Jan. 4.
Overhead Door Corporation. (See Blodgett, Herbert C., assignor.)
Overholt, Ralph, Jr., Dayton, Ohio, assignor to The Union Switch and Signal Company, Swissvale, Pa. Electrical rectifier. 2,352,283; June 27.
Overly Bio-Chemical Research Foundation, Inc., The. (See Farber, E., Dayton, Wallerstein, assignors.)
Overly, Lloyd H., Maryville, Tenn. Roof construction. 2,358,733; Sept. 19.
Overstedt, Ernest A., Detroit, assignor to U. S. Tool & Mfg. Co., Detroit, Mich. Relieving machine. 2,360,576; Oct. 17.
Overstrom, Gustave A., Eagle Rock, Calif. Balanced reciprocating conveying structure. 2,358,876; Sept. 26.
Overton, Glen, Dowagiac, Mich., assignor to Louisville Drying Machinery Company. Dehydrating machine. 2,352,220; June 27.
Ovestrud, Melvin. (See Berg, E. G., and Ovestrud.)

Ovitz, Frank K. (See Proell, W. A., and Ovitz.)
Owen, Benjamin F., Omaha, Nebr. Machine for gathering, transporting, and stacking materials. 2,364,470; Dec. 5.
Owen, Bessie S., and B. F. Meek, Cleveland, Ohio. Weaving machine. 2,346,541; Apr. 11.
Owen, Frederick C., Fayetteville, N. C. Transformer. 2,365,722; Dec. 26.
Owen, Harold R., assignor to Electrical Products Corporation, Los Angeles, Calif. Lighting fixture. 2,357,057; Aug. 29.
Owen, Herbert L., assignor to R. S. Berry, Los Angeles, Calif. Shingle package. 2,346,450; Apr. 11.
Owen, Herbert L. and J. P., Los Angeles, Calif. Shingle. 2,353,259; July 11.
Owen, James P. (See Owen, Herbert L. and J. P.)
Owen, John J., and E. E. Stahly, Baton Rouge, La., assignors to Standard Oil Development Company. Reaction of paraffinic hydrocarbons. 2,349,458; May 23.
Owen, Mark B., Hastings-on-Hudson, assignor to Nichols Engineering & Research Corporation, New York, N. Y. Furnace construction. 2,345,497; Mar. 28.
Owen Silent Spring Company, The. (See Carpenter, Homer C., assignor.)
Owen, William, Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Manufacturing mirrors. 2,345,356; Mar. 28.
Owen, William, Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Copper plating of mirrors. 2,347,608; Apr. 25.
Owen, William L. (See Bailey, L. H., and Owen, William L., Jr., and W. L.)
Owen, William L., Jr. (See Bailey, L. H., and Owen, William L., Jr., and W. L.)
Owen, Wm. W., executor. (See Willis, Bernard D.)
Owen, Wm. Walter, executor. (See Willis, Bernard D.)
Owens, Calvin A., Los Angeles, Calif. Treating cementitious objects. 2,354,876; Aug. 1.
Owens, Charles J., Dundalk, Baltimore, Md. Dual control. 2,348,022; May 2.
Owens-Corning Fiberglas Corporation. (See Atkinson, W. H., and Collins, assignors.)
Owens-Corning Fiberglas Corporation. (See Bergin, W. M., and Simison, assignors.)
Owens-Corning Fiberglas Corporation. (See Black, Henry R., assignor.)
Owens-Corning Fiberglas Corporation. (See Collins, Howard W., assignor.)
Owens-Corning Fiberglas Corporation. (See Fletcher, Ed, assignor.)
Owens-Corning Fiberglas Corporation. (See Hood, Harrison P., assignor.)
Owens-Corning Fiberglas Corporation. (See Jones, Harry N., assignor.)
Owens-Corning Fiberglas Corporation. (See Lannon, G. M., and Vanucci, assignors.)
Owens-Corning Fiberglas Corporation. (See Modigliani, P., and Wiquel, assignors.)
Owens-Corning Fiberglas Corporation. (See Simpson, A L., and Simison, assignors.)
Owens-Corning Fiberglas Corporation. (See Slayter, Games, assignor.
Owens-Corning Fiberglas Corporation. (See Smith, Irving N., assignor.)
Owens-Corning Fiberglas Corporation. (See Thomas, J. H., and Dragics, assignors.)
Owens-Corning Fiberglas Corporation. (See Thomas, J. H., and Fletcher, assignors.)
Owens-Corning Fiberglas Corporation. (See Tiede, Ralph L., assignor.)
Owens, Elliott R., Oakland, Calif., assignor to Owens-Illinois Pacific Coast Company. Gauging apparatus. 2,348,868; Jan. 11.
Owens, Emmett L., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sound generator. 2,354,699; Aug. 1.
Owens, Freeman H., New York, N. Y. Program preselecting and tuning mechanism. 2,353,186; July 11.
Owens, George K. (See Owens, Kermeth L. and G. K.)
Owens, Harry M., assignor to S. J. Owens, Oakland, Calif Juice extracting machine. 2,345,683; Apr. 4.
Owens-Illinois Can Company. (See Hermani, Louis, assignor.)
Owens-Illinois Can Company. (See Leonhart, William F., assignor.)
Owens-Illinois Glass Company. (See Allen, Russell G., assignor.)
Owens-Illinois Glass Company. (See Allen, R. G., and Smith, assignors.)
Owens-Illinois Glass Company. (See Belada, John, assignor.)
Owens-Illinois Glass Company. (See Curran, Jerome P., assignor.)
Owens-Illinois Glass Company. (See Deeren, Kemp K., K., assignor.)
Owens-Illinois Glass Company. (See Fedorchak, William J., assignor.)
Owens-Illinois Glass Company. (See Fedorchak, W. J., and Jackson, assignors.)
Owens-Illinois Glass Company. (See Fedorchak, W. J., Jackson, McCormick, Heyne, and Nelson, assignors.)
Owens-Illinois Glass Company. (See Ferguson, J. E., and McCreery, assignors.)
Owens-Illinois Glass Company. (See Glycofrides, Eustace, assignor.)
Owens-Illinois Glass Company. (See Heyne, Clarence A., assignor.)
Owens-Illinois Glass Company. (See Hofmann, Victor E., assignor.)
Owens-Illinois Glass Company. (See Hofmann, V. E., and Blank, assignors.)
Owens-Illinois Glass Company. (See Hohl, John, assignor.)
Owens-Illinois Glass Company. (See Hohl, J., and Bjering, assignors.)
Owens-Illinois Glass Company. (See Holmes, Minot K., assignor.)
Owens-Illinois Glass Company. (See Jackson, Albert S., assignor.)
Owens-Illinois Glass Company. (See Jackson, A. S., and Heyne, assignors.)
Owens-Illinois Glass Company. (See Lanzinger, Casper J., assignor.)
Owens-Illinois Glass Company. (See Lauck, Albert G., assignor.)
Owens-Illinois Glass Company. (See Louden, H. M., and McCreery, assignors.)
Owens-Illinois Glass Company. (See McLaughlin, J. E., McCormick, assignors.)
Owens-Illinois Glass Company. (See Moreland, Stephen T., assignor.)
Owens-Illinois Glass Company. (See Schreiber, Carl W., assignor.)
Owens-Illinois Glass Company. (See Seibert, Charles F., assignor.)
Owens-Illinois Glass Company. (See Vilensky, Michel B., assignor.)
Owens-Illinois Pacific Coast Company. (See Owens, Elliott R., assignor.)
Owens, James H., Camden, N. J., assignor to Radio Corporation of America. Stand for motion picture screens. 2,361,119; Oct. 24.
Owens, James S., Lancaster, Pa., and J. Heerema and G. W. Stanton, assignors to The Dow Chemical Company, Midland, Mich. Photopolymerization method. 2,344,785; Mar. 21.
Owens, Jesse. (See Bartlow, Justin D., assignor.)
Owens, Jesse C., Los Angeles, Calif. Toilet tank trip lever. 2,358,471; Sept. 19.
Owens, Jesse C., Los Angeles, Calif. Toilet flushing tank float. 2,358,472; Sept. 19.
Owens, John H., Racine, Wis. Hydraulic flush valve mechanism. 2,341,116; Feb. 8.
Owens, Kermeth L. and G. K., Payson, Ariz. Treating wood. 2,355,553; Aug. 8.
Owens, Marquis O., Fort Dix, N. J. Hammer. 2,340,140; Jan. 24.
Owens, Noel, Chanute, Kans., assignor to Film-O-Seal Company. Air seal composition for pneumatic tires. 2,347,925; May 2.
Owens, Phillip. (See Coughlin, David J., assignor.)
Owens, Susan J. (See Owens, Harry M., assignor.)
Owens, Walter L., Chesterfield, assignor to R. W. Shoemaker, Anderson, Ind. Band sealing machine. 2,350,473; June 6.
Owens, Walter L., Chesterfield, assignor to R. W. Shoemaker, Anderson, Ind. Hydraulic sealing machine. 2,350,474; June 6.
Owens, Wilbur D. (See Ivey, J. W., and Owens.)
Owner, Frank M., assignor to The Bristol Aeroplane Company Limited, Bristol, England. Supercharged internal combustion engine. 2,354,047; July 18.
Owsiak, Joseph, New Britain, Conn. Curtain bracket. 2,364,161; Dec. 5.
Oxford Filing Supply Co. (See Jonas, Frank D., assignor.)
Oxhandler, Samuel. (See Kendall, G. H., Oxhandler, and Brooks.)
Oxhandler, Samuel, Flushing, N. Y., assignor to Sargent & Company, New Haven, Conn. Lock for airplane doors or the like. 2,349,192; May 16.
Oxides, Inc. (See Ferguson, Allan W., assignor.)
Oxzyn Company. (See Valentine, Joseph E., assignor.)
Ozdobinski, Antoni, Crum Lynne, Pa. Plate and receptacle lifter. 2,362,395; Nov. 7.
Ozol, Rudolph J., Hillside, and C. R. Masterson, Summit, N. J., assignors to Standard Alcohol Company. Purification of alcohols. 2,356,689; Aug. 22.
Ozouf, Arthur E., assignor to The Allbright-Nell Co., Chicago, Ill. Carcass dipping apparatus. 2,342,598; Feb. 22.
Oyler, William K. (See Kemmer, E. S., Titus, and Oyler.)
Oys, John E., Hastings, Minn., assignor to H. D. Hudson Manufacturing Company, Chicago, Ill. Drinking fountain. 2,350,184; May 30.
P. I. V. Chain Gears Limited. (See Abbott, Geoffrey J., assignor.)
Pabst, Arthur C., Douglaston, and J. H. Prall, Lynbrook, N. Y., assignors to Socony-Vacuum Oil Company, Incorporated. Corrosion Inhibitor. 2,346,635; Apr. 11.
Pabst Brewing Company. (See Baumann, George F., assignor.)
Pabst Brewing Company. (See Cunningham, Donald F., assignor.)
Pabst Brewing Company. (See Shakman, James G., assignor.)

Pabst, Walter W., Elizabeth, N. J. Conveyer. 2,357,600; Sept. 5.
Pace, Garland B., assignor to Exeter Construction Corporation, Camp Hill, Pa. Excavating apparatus. 2,358,495; Sept. 19.
Pacific Can Company. (See Peterson, William B., Jr., assignor.)
Pacific Chain and Manufacturing Company. (See Miller, Robert S., assignor.)
Pacific Clay Products Company. (See Benning, Wilbert O., assignor.)
Pacific Coast Borax Company. (See Dudley, William A., assignor.)
Pacific Electric Manufacturing Corporation. (See Schwager, A. C., and Gerard, assignors.)
Pacific Electric Manufacturing Corporation. (See Shaw, John B., assignor.)
Pacific Engineering Corporation. (See Swaisgood, Ralph H., assignor.)
Pacific Flush Tank Company. (See Beddoes, Hubert, assignor.)
Pacific Flush Tank Company. (See Schlenz, H. E., and Cox, assignors.)
Pacific Manifolding Book Company. (See Stone, William G., assignor.)
Pacific Mills. (See Barnard, Kenneth H., assignor.)
Pacific Mills. (See Learnard, Harry D., assignor.)
Pacific Railway Equipment Company. (See Van Dorn, William E., assignor.)
Pacific States Cast Iron Pipe Co. (See Goates, John E., assignor.)
Pacione, Vincent J., New York, N. Y. Delivery container for cigarettes, cigars, or other articles. 2,348,963; Apr. 18.
Package Machinery Company. (See Lyon, Norman W., assignor.)
Package Machinery Company. (See Smith, E. L., and Melhorn, assignors.)
Package Machinery Company. (See Smith, E. L., and Wetsel, assignors.)
Packard Motor Car Company. (See Best, Frank C., assignor.)
Packard Motor Car Company. (See Christman, John M., assignor.)
Packard Motor Car Company. (See Clark, John M., assignor.)
Packard Motor Car Company. (See Clark, J. M., and Van Deventer, assignors.)
Packard Motor Car Company. (See de Beaumont, Pierre S., assignor.)
Packard Motor Car Company. (See Griswold, Walter R., assignor.)
Packard Motor Car Company. (See Griswold, W. R., and McFarland, assignors.)
Packard Motor Car Company. (See James, Edmond J. P., assignor.)
Packard Motor Car Company. (See McFarland, Forest R., assignor.)
Packard Motor Car Company. (See Paton, Clyde R., assignor.)
Packard Motor Car Company. (See Reid, Elliott G., assignor.)
Packard Motor Car Company. (See Tegethoff, August J., assignor.)
Packard Motor Car Company. (See Van Deventer, Ralph E., assignor.)
Packard Motor Car Company. (See Vincent, Charles H., assignor.)
Packard Motor Car Company. (See Vincent, Jesse G., assignor.)
Packard Motor Car Company. (See Ware, Marsden, assignor.)
Packard, Robert H., Newton, Mass., assignor, by mesne assignments, to General Motors Corporation, Dayton, Ohio. Anemometer. 2,346,864; Apr. 18.
Packer, Eben R., New Rochelle, N. Y., assignor to The Rails Company, New Haven, Conn. Actuating means for lubricating devices. 2,348,023; May 2.
Packer, Harry V., East Cleveland, assignor to The Oster Manufacturing Company, Cleveland, Ohio. Lathe drive. 2,341,808; Feb. 15.
Packer, Howard. (See Bowman, M. I., and Packer.)
Packer, Ray B. (See Johnson, H. B., and Packer.)
Packie, John W., Green Village, N. J., assignor to Standard Oil Development Company. Distillation process. 2,338,595; Jan. 4.
Packie, John W., Green Village, J. D. Long, Westfield, and P. W. Cornell, Elizabeth, N. J., assignors to Standard Oil Development Company. Dewaxing process. 2,356,346; Aug. 22.
Packless Metal Products Corporation. (See Guarnaschelli, Stephen, assignor.)
Packtor, Bernard M., Springfield, Mass. Stripping machine. 2,365,213; Dec. 19.
Packwood, George H., Jr., St. Louis, Mo. Dispenser. 2,360,970; Oct. 24.
Paddle, Leslie H., St. Paul's Cray, England. Electric frequency converter system. 2,362,153; Nov. 7.
Paddock, Ormond H., Rossford, assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Process and apparatus for the manufacture of laminated safety glass. 2,357,538; Sept. 5.
Paddock, Ormond H., Rossford, assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Optical instrument. 2,361,050; Oct. 24.
Paden, Joseph H. (See Kirk, P. M., and Paden.)
Paden, Philip. (See Norlander, W. G., and Alldredge, assignors.)
Padrick Tool & Machine Company. (See Shaw, Ralph M., Jr., assignor.)
Page, Alfred E., assignor to W. & T. Avery Limited, Birmingham, England. Vibratory feed control mechanism. 2,344,450; Mar. 14.
Page, Frank R., Laconia, and J. J. McDonough, Belmont, assignors to Scott & Williams, Incorporated, Laconia, N. H. Knitting machine and operating same. 2,366,124; Dec. 26.
Page, Herbert E., Syracuse, N. Y. Electric shaver. 2,355,672; Aug. 15.
Page, James M., Jr., assignor to Standard Oil Company, Chicago, Ill. Catalyst recovery. 2,348,408; May 9.
Page, John H., assignor to The Shaw-Walker Company, Muskegon, Mich. Pay roll board. 2,338,532; Jan. 4.
Page, John H., assignor to The Shaw-Walker Company, Muskegon, Mich. Auxiliary typewriter bed. 2,346,271; Apr. 11.
Page, John N., South St. Paul, Minn. Receptacle closure. 2,349,985; May 30.
Page, Louis J., assignor to O. Page, Hollis, N. Y. Semirimless spectacle. 2,343,574; Mar. 7.
Page, Olive. (See Page, Louis J., assignor.)
Page, Otis W. (See McCauley, C. R., and Page.)
Page, Ralph E., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Record controlled machine. 2,359,670; Oct. 3.
Page, Ronald. (See Groombridge, W. H., and Page.)
Paget, Win W., Michigan City, Ind., assignor to Sullivan Machinery Company. Motor. 2,338,454; Jan. 4.
Paget, Win W., Michigan City, Ind., assignor to Sullivan Machinery Company. Drilling apparatus. 2,339,801; Jan. 25.
Paget, Win W., Michigan City, Ind., assignor to Sullivan Machinery Company. Compressor. 2,340,074; Jan. 25.
Paget, Win W., Michigan City, Ind., assignor to Sullivan Machinery Company. Drilling apparatus. 2,343,319; Mar. 7.
Paget, Win W., Michigan City, Ind., assignor to Sullivan Machinery Company. Core breaking and withdrawing apparatus. 2,343,793; Mar. 7.
Paget, Win W., Michigan City, Ind., assignor to Sullivan Machinery Company. Drilling apparatus. 2,365,835; Dec. 26.
Pagel, Louis, Belleville, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Plastic sheeting and treatment thereof. 2,360,712; Oct. 17.
Pahl, Leo F. (See Stewart, R. J., and Pahl.)
Paillard, E., et Cie S. A. (See Prezioso, Giuseppe, assignor.)
Pain, Herbert, New York, N. Y. Towel or cloth holder. 2,339,187; Jan. 11.
Paint Engineers, Inc. (See O'Loughlin, James J., assignor.)
Painter, Frank F., Tarentum, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Vehicular glazing construction. 2,356,878; Aug. 29.
Pako Corporation. (See Sardeson, R., Friel, and Dye, H. M. and G. M., assignors.)
Pak-Rak, Inc. (See Brown, A. J., Copen, and Nisenson, assignors.)
Paladino, Angelo R., Elmont, N. Y., assignor to Superior Felt and Bedding Co., Chicago, Ill. Convertible furniture. 2,345,624; Apr. 4.
Palat, William, Brooklyn, N. Y. Combination comb and case therefor. 2,357,539; Sept. 5.
Palensky, Agnes, Vermillion, S. Dak. Cooking appliance. 2,362,921; Nov. 14.
Paley, Lewis A., Bloomingdale, assignor to United States Gypsum Company, Chicago, Ill. Building structure. 2,348,189; May 2.
Paley, Reginald H. A. and D. W. H. Hardy, Pretoria, Transvaal, Union of South Africa. Splint tensioning device. 2,344,631; Mar. 21.
Palkin, Samuel, Washington, D. C., and S. A. Hall, Arlington, Va. Fractionating column and scrubbing tower. 2,344,560; Mar. 21.
Pall, David B., assignor to Interchemical Corporation, New York, N. Y. Micromill. 2,338,198; Jan. 4.
Pallas, Leota T. (See Illmer, L., and Pallas, assignor).)
Pallas, Vernon R. (See Illmer, L., and Pallas.)
Palley, I. N., and F. Erny, Kenmore, N. Y., assignors to Curtiss-Wright Corporation. Retractable landing gear. 2,357,489; Sept. 5.
Palliser, Elizabeth, New York, N. Y. Finger ring. 2,350,806; June 6.
Palliser, Sylvia E., Chicago, Ill. Cable needle for knitting. 2,364,649; Dec. 12.
Palm, George H., assignor to Stewart-Warner Corporation, Chicago, Ill. Rotary pump. 2,362,922; Nov. 14.
Palme, Arthur, Pittsfield, and C. A. Urbanek, Adams, Mass., assignors to General Electric Company. Protective system. 2,345,420; Mar. 28.
Palme, Arthur, Pittsfield, Mass., assignor to General Electric Company. Safety system. 2,355,998; Aug. 15.
Palmer-Bee Company. (See Da Costa, James S., assignor.)

Palmer-Bee Company. (See McBride, J. E., and Landahl, assignors.)
Palmer-Bee Company. (See Perkins, C. M., and Kysor, assignors.)
Palmer, Charles M. (See Johnson, J. H., and Palmer.)
Palmer, Clayton E., Harvard, Ill. Artificial burrow. 2,356,588; Sept. 19.
Palmer, Dwight R. G., South Orange, N. J., assignor to General Cable Corporation, New York, N. Y. Insulated electrical conductor and manufacture. 2,341,235; Feb. 8.
Palmer, Floyd J., Cleveland, Ohio. Stoker 2,349,194; May 16.
Palmer, Frank P., Chicago, Ill. Stack head and support therefor. 2,342,965; Feb. 29.
Palmer, Harry L., Schenectady, and E. D. Schneider, Scotia, assignors to General Electric Company. Electric control circuit. 2,364,998; Dec. 12.
Palmer, Irwin H., Aberdeen, S. Dak. Automatic hog oiling and feeding assembly. 2,352,859; July 4.
Palmer, Irwin H., Aberdeen, S. Dak. Coupling device 2,357,540; Sept. 5.
Palmer, J. Neil, assignor to Geuder, Paeschke & Frey Co., Milwaukee, Wis. Milk can. 2,340,486; Feb. 1.
Palmer, James D., Monmouth, Ill. Illuminated automobile ash tray. 2,352,493; June 27.
Palmer, James H., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Toolholder. 2,355,324; Aug. 8.
Palmer, Jay R., assignor to The Ohio Brass Company, Mansfield, Ohio. Current collector shoe. 2,342,296; Feb. 22.
Palmer, Marley A. (See Spalding, G. A., and Palmer.)
Palmer, Paul C. (See Greenleaf, R. M., and Palmer.)
Palmer, Ralph A., San Diego, Calif. Angle gauge. 2,346,940; Apr. 18.
Palmer, Ralph L., Binghamton, and B. E. Phelps, Endicott, assignors to International Business Machines Corporation, New York, N. Y. Electrical contact roll. 2,357,490; Sept. 5.
Palmer, Robert C., Youngstown, Ohio. Welded pipe bead eliminator. 2,363,743; Nov. 28.
Palmer, Robert C., and C. H. Bibb, assignors to Newport Industries, Inc., Pensacola, Fla. Dehydrating dialkyl aryl carbinols. 2,345,625; Apr. 4.
Palmer, Robert C., and E. Edelstein, assignors to Newport Industries, Inc., Pensacola, Fla. Permanently refusible zinc resinate and preparing same. 2,346,992; Apr. 18.
Palmer, Robert C., and E. Edelstein, assignors to Newport Industries, Inc., Pensacola, Fla. Permanently refusible zinc-calcium resinate and preparing same. 2,346,993; Apr. 18.
Palmer, Robert C., and E. Edelstein, Pensacola, Fla., assignors to Newport Industries, Inc. Resin-like product and preparing same. 2,346,994; Apr. 18.
Palmer, Robert C., A. F. Oliver, and E. Edelstein, assignors to Newport Industries, Inc., Pensacola, Fla. Zinc-calcium resinate and making the same. 2,346,995; Apr. 18.
Palmer, Robert T. (See Hagen, H. F., and Palmer.)
Palmer, Robert T., Sharon, assignor to B. F. Sturtevant Company, Boston, Mass. Tempering apparatus for refrigerated air. 2,340,252; Jan. 25.
Palmer, Verne. (See Lovelady, I. W., and Palmer.)
Palmieri, Mario, Evanston, and A. J. Beck, Riverside, assignors of one-half to The Sanitary District of Chicago, Chicago, Ill. Pozzolanic materials and making same. 2,348,451; Apr. 11.
Palmquist, Philip V., Minneapolis, assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Flexible lenticular optical sheet. 2,354,048; July 18.
Palmquist, Philip V., New Canada Township, Ramsey County, assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Backless reflex light reflector. 2,354,049; July 18.
Palmrose, George V., Longview, assignor to Weyerhaeuser Timber Company, Tacoma, Wash. Absorbing sulphur dioxide. 2,351,780; June 20.
Paloncy, Augustine, Gary, Ind. Oil sealing ring assembly. 2,357,967; Sept. 12.
Palotee, John J., Youngstown, Ohio. Adjustable hone. 2,338,963; Jan. 11.
Palotsee, John J., Youngstown, Ohio. Machine for driving hones. 2,358,247; Sept. 12.
Paluev, Konstantin K., Pittsfield, Mass., assignor to General Electric Company. Electric apparatus with fluid system therefor. 2,341,058; Feb. 8.
Palumbo, Vincent, Cleveland, Ohio. Fuel injection means for internal combustion engines. 2,347,363; Apr. 25.
Palumbo, Vincent, Cleveland, Ohio. Cam member for engines or the like. 2,347,364; Apr. 25.
Pan American Refining Corporation. (See Butler, Beryl M., assignor.)
Pancake, Herman H., Berwick, Pa., assignor to American Car and Foundry Company, New York, N. Y. Drop-bottom mine car. 2,347,277; Apr. 25.
Pancake, Herman H., Huntington, W. Va., and R. A. Shields, Berwick, Pa., assignors to American Car and Foundry Company, New York, N. Y. Car truck. 2,342,484; Feb. 22.
Pancoe, George W., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Post socket latch. 2,363,436; Nov. 21.
Pangborn Corporation. (See Gossard, Charles M., assignor.)
Pangborn Corporation. (See Harder, O. E., and Gow, assignors.)
Pangborn Corporation. (See Keefer, Walter L., assignor.)
Pangborn Corporation. (See Rosenberger, W. A., and Keefer, assignors.)
Pangborn Corporation. (See Zimmerman, Harry R., assignor.)
Panish, Erwin J., Bridgeport, Conn. Switch-over device. 2,358,094; Sept. 12.
Panissidi, Hugo. (See Leathers, W., and Panissidi.)
Panizzon, Leandro. (See Hoffmann, K., and Panizzon.)
Pankhurst, Charles T., Ionia, Mich. Door latch. 2,344,451; Mar. 14.
Pankhurst, Charles T., Ionia, Mich. Spectacles. 2,358,734; Sept. 19.
Pankonin, William G. (See Schaefer, Frank M., assignor.)
Pankonin, William G., Chicago, Ill. Stapling machine. 2,343,203; Feb. 29.
Pantex Pressing Machine, Inc. (See Beede, Herbert G., assignor.)
Pantex Pressing Machine, Inc. (See Beede, H. G., and Monsarrat, assignors.)
Panthoefer, Emil, Siegen, Germany; vested in the Alien Property Custodian. Feed gear. 2,345,145; Mar. 28.
Panza, Anthony and W. E., Los Angeles, Calif. Collet attachment for lathes. 2,354,966; Aug. 1.
Panza, Carmine, Bronx, N. Y. Nonslip shoelace device. 2,358,248; Sept. 12.
Panza, William E. (See Panza, Anthony and W. E.)
Paoli, Arthur, Ironwood, Mich. Gasoline reserve tank. 2,361,148; Oct. 24.
Papazian, Martin S., Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey. Apparatus for marking billets and the like. 2,348,566; May 9.
Paper Chemistry, Institute of, The. (See Fronmuller, D., and Thomas, assignors.)
Paper Converting Machine Co. Inc. (See Christman, Peter J., assignor.)
Paper and Industrial Appliances, Inc. (See Dodge, George W., assignor.)
Paper Novelty Manufacturing Company. (See Cohen, Sol D., assignor.)
Paper Patents Company. (See Fanselow, John R., assignor.)
Paper Patents Company. (See Fourness, C. A., and Catlin, assignors.)
Paper Patents Company. (See Fourness, C. A., and Moravek, assignors.)
Paper Patents Company. (See Henderson, C. L., and Powers, assignors.)
Paper Patents Company. (See Moravek, Rudolf A., assignor.)
Paper Patents Company. (See Seaborne, Frederick S., assignor.)
Paper Novelty Mfg. Co. (See Pettorossi, Joseph M., assignor.)
Paper Sacks Limited. (See Robinson, Foster G., assignor.)
Papesh, Michael W., Joliet, Ill., assignor to The Ruberoid Co., New York, N. Y. Ornamental granular-faced composition shingle. 2,348,223; May 9.
Pappas, Mike, San Francisco, Calif. Perfumer. 2,347,060; Apr. 18.
Pappas, Phillip M., Houston, Tex. Frying apparatus. 2,338,964; Jan. 11.
Pappercentralen 1 Stockholm A. B. (See Strandberg, Mauritz O., assignor.)
Paprex Company. (See Green, Arthur B., assignor.)
Paone, Edward J., Cincinnati, Ohio. Press. 2,338,352; Jan. 4.
Paquette, Montarville A., Riverside, R. I. Scaffolding. 2,340,487; Feb. 1.
Para, John W. (See Kahn, D., and Para.)
Para, John W., Elizabeth, assignor to David Kahn, Inc., North Bergen, N. J. Mechanical pencil. 2,339,290; Jan. 18.
Paradise, Joseph A., Detroit, Mich. Doorstop. 2,342,060; Feb. 15.
Paradise, Louis A. (See Anderson, R. L., Arnold, and Paradise.)
Paradise, Louis A., assignor to Deere & Company, Moline, Ill. Harvesting mechanism. 2,347,365; Apr. 25.
Paradise, Louis A., and W. J. Coultas, assignors to Deere & Company, Moline, Ill. Mower. 2,340,488; Feb. 1.
Paradise, Louis A., and J. V. Irwin, Moline, and F. R. Martin, East Moline, assignors to Deere & Company, Moline, Ill. Pickup mechanism. 2,347,926; May 2.
Paradise, Louis A., and W. J. Coultas, Moline, Ill., and R. L. Dort, Davenport, Iowa, assignors to Deere & Company, Moline, Ill. Implement attachment for tractors. 2,363,897; Nov. 28.
Paragon C. & C. Co. (See Leiboff, Samuel L., assignor.)
Paramount Acceptance Corporation. (See Rose, Frank D., assignor.)
Paramount Shoe Manufacturing Company. (See Wolff, Samuel, assignor.)
Paramount Textile Machinery Co. (See Dunn, George E., assignor.)
Paramount Textile Machinery Co. (See Dunn, G. E., and Richter, assignors.)

Paramount Textile Machinery Co. (See Oswald, L. H., Mann, and Wahlbeck, assignors.)
Paraphone Hearing Aid, Inc. (See Tresise, R. E., and Kendall, assignors.)
Parcelle, Alvin J., et al., trustees. (See Watson, Sydney C.)
Parcher, Arthur H., Ellsworth, Maine. Splint. 2,339,515; Jan. 18.
Pardee, Lloyd W., Lakewood, assignor to The Scott & Fetzer Company, Cleveland, Ohio. Suction cleaner. 2,366,125; Dec. 26.
Pardoe, Norman H., Lusby, Md. Ratchet hinge for vehicle doors. 2,362,923; Nov. 14.
Paré, Victor T., Collingswood, N. J., assignor to Radio Corporation of America. Diamond saw and making the same. 2,361,492; Oct. 31.
Parham, Thelma L., Dallas, Tex. Beauty parlor stand. 2,353,054; July 4.
Parish, Fred A., Whittier, Calif., assignor to Automatic Washer Company, Newton, Iowa. Ironer mechanism 2,357,685; Sept. 5.
Parish, Scott, Cleveland, Ohio. Incandescent bulb for motion picture projectors and the like. 2,360,971; Oct. 24.
Park, John S., Aliquippa, Pa. Lunch box. 2,339,580; Jan. 18.
Park, Joseph D. (See Benning, A. F., and Park.)
Park, Ransom L., Monmouth, Oreg. Illustrated letter sheet. 2,361,562; Oct. 31.
Park, Robert H. (See Klenle, R. H., Park, Benbrook, and Grieb.)
Park, Stafford, Long Beach, Calif., assignor to Eastman Oil Well Survey Company, Dallas, Tex., and Eastman Oil Well Survey Corporation, Long Beach, Calif. Surveying well bores. 2,345,770; Apr. 4.
Park, Tracy S., Houston, Tex. Grip for clubs. 2,357,491; Sept. 5.
Parke, Davis & Company. (See Hopkinson, R., and Tolstoouhov, assignors.)
Parke, Davis & Company. (See Lawson, E. J., and Parke, assignors.)
Parke, Davis & Company. (See Lawson, E. J., Parke, and Sweet, assignors.)
Parke, Davis & Company. (See Marker, Russell E., assignor.)
Parke, Davis & Company. (See Marker, R. E., and Crooks, assignors.)
Parke, Davis & Company. (See Sandweiss, David J., assignor.)
Parke, Davis & Company. (See Tendick, Frank H., assignor.)
Parke, Davis & Company. (See Tullar, Benjamin F., assignor.)
Parke, Hervey C. (See Lawson, E. J., and Parke.)
Parke, Hervey C. (See Lawson, E. J., Parke, and Sweet.)
Parke, Peter, assignor to The Pullman Company, Chicago, Ill. Railway car truck. 2,347,500; Apr. 25.
Parke, Peter, R. Cunningham, and L. A. Lutherman, assignors to The Pullman Company, Chicago, Ill. Railway Car. 2,364,094; Dec. 5.
Parke, Torsten H., assignor to American Steel Foundries, Chicago, Ill. Brake beam. 2,348,092; May 2.
Parke, William M., Brook, Ind. Deflector. 2,338,199; Jan. 4.
Parker Appliance Company, The. (See Bates, Alfred O. assignor.)
Parker Appliance Company, The. (See Parker, Arthur L., assignor.)
Parker Appliance Company, The. (See Parker, A. L., Wolfram, and Margrave, assignors.)
Parker, Arthur H. (See Sebell, Harry, assignor.)
Parker, Arthur L., Cleveland, Ohio. Check valve assembly. 2,339,101; Jan. 11.
Parker, Arthur L., assignor to The Parker Appliance Company, Cleveland, Ohio. Distributing valve. 2,341,330; Feb. 8.
Parker, Arthur L., assignor to The Parker Appliance Company, Cleveland, Ohio. Pipe coupling. 2,342,425; Feb. 22.
Parker, Arthur L., assignor to The Parker Appliance Company, Cleveland, Ohio. Accumulator. 2,343,320; Mar. 7.
Parker, Arthur L., assignor to The Parker Appliance Company, Cleveland, Ohio. Tube coupling. 2,343,922; Mar. 14.
Parker, Arthur L., assignor to The Parker Appliance Company, Cleveland, Ohio. Fuel pumping unit. 2,348,567; May 9.
Parker, Arthur L., assignor to The Parker Appliance Company, Cleveland, Ohio. Electric cable. 2,348,641; May 9.
Parker, Arthur L., assignor to The Parker Appliance Company, Cleveland, Ohio. Metalworking machine. 2,350,065; May 30.
Parker, Arthur L., assignor to The Parker Appliance Company, Cleveland, Ohio. Hydraulic motor. 2,350,066; May 30.
Parker, Arthur L., assignor to The Parker Appliance Company, Cleveland, Ohio. Valve assembly. 2,351,871; June 20.
Parker, Arthur L., assignor to The Parker Appliance Company, Cleveland, Ohio. Hydraulic press. 2,351,872; June 20.
Parker, Arthur L., assignor to The Parker Appliance Company, Cleveland, Ohio. Relief valve. 2,351,873; June 20.
Parker, Arthur L., assignor to The Parker Appliance Company, Cleveland, Ohio. Relief valve for fuel tanks. 2,351,874; June 20.
Parker, Arthur L., assignor to The Parker Appliance Company, Cleveland, Ohio. Tube straightening machine. 2,352,284; June 27.
Parker, Arthur L., assignor to The Parker Appliance Company, Cleveland, Ohio. Coupling for tubes. 2,351,362; June 13.
Parker, Arthur L., assignor to The Parker Appliance Company, Cleveland, Ohio. Tube expanding and flaring machine. 2,352,912; July 4.
Parker, Arthur L., assignor to The Parker Appliance Company, Cleveland, Ohio. Tube coupling. 2,354,538; July 25.
Parker, Arthur L., assignor to The Parker Appliance Company, Cleveland, Ohio. Manually operated tube cutter. 2,360,887; Oct. 24.
Parker, Arthur L., J. N. Wolfram, and W. Margrave, assignors to The Parker Appliance Company, Cleveland, Ohio. Coupling for tubes. 2,351,363; June 13.
Parker, Carlyle V., Washington, D. C., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Switching device. 2,358,095; Sept. 12.
Parker, Claude E., assignor to Gas Products Corporation, Chicago, Ill. Gas range cooking top. 2,339,802; Jan. 25.
Parker, Donald R., et al. (See Pulliam, James D., assignor.)
Parker, Frank E., Duluth, assignor to Hanson Fish Products Company, Minneapolis, Minn. Producing edible compositions. 2,353,924; July 18.
Parker, Farrand D., assignor to Union Oil Company of California, Los Angeles, Calif. Multiphase alkylation of isoparaffins. 2,342,364; Feb. 22.
Parker, Henry C. (See Wyscaver, Floyd J., assignor.)
Parker, Humphrey F., Kenmore, assignor to Columbus McKinnon Chain Corporation, Tonawanda, N. Y. Electric hoist. 2,355,325; Aug. 8.
Parker, Humphrey F., Kenmore, assignor to Columbus McKinnon Chain Corporation, Tonawanda, N. Y. Hoist. 2,360,713; Oct. 17.
Parker, Humphrey F., Kenmore, assignor to Columbus McKinnon Chain Corporation, Tonawanda, N. Y. Suspended hoist. 2,364,471; Dec. 5.
Parker, James F., Guantanamo Bay, Cuba. Seaplane. 2,347,841; May 2.
Parker Manufacturing Company. (See Barland, Lauri C., assignor.)
Parker Manufacturing Company. (See Priest, Dwight E., assignor.)
Parker, Milton E., Chicago, Ill., and P. W. Bonewitz, assignors to The Rex Company, Burlington, Iowa. Cleaning composition. 2,338,688; Jan. 4.
Parker, Milton E., Barrington, Ill., and P. W. Bonewitz, assignors to The Rex Company, Burlington, Iowa. Process of treating and conditioning containers. 2,338,689; Jan. 4.
Parker Pen Company, The. (See Mohns, David F., assignor.)
Parker Pen Company, The. (See Jendresen, Otto, assignor.)
Parker, Richard T., San Pedro, Calif., assignor to Douglas Aircraft Company, Inc. Cable guard. 2,363,353; Nov. 21.
Parker, Robert L. (See Tweeten, John B., assignor.)
Parker Rust Proof Company. (See Gibson, Robert C., assignor.)
Parker Rust Proof Company. (See Thompson, John S., assignor.)
Parker, Sydney M., assignor to Automotive Products Company Limited, Leamington Spa, England. Landing gear for aircraft. 2,348,493; May 9.
Parker, Sydney M., assignor to Automotive Products Company Limited, Leamington Spa, England. Landing gear for aircraft. 2,356,468; Aug. 22.
Parker, Walter E., Haverhill, Mass. Spool. 2,363,744; Nov. 28.
Parker, William M., Parkersburg, W. Va. Insulated outlet receptacle and junction box and units. 2,352,913; July 4.
Parker-Wolverine Company. (See Hale, St. Clair M., assignor.)
Parker-Wolverine Company. (See Meyer, William E., assignor.)
Parkes, Deric W., West Bromwich, assignor to The Midland Tar Distillers, Limited, Oldbury, Birmingham, England. Tar product. 2,340,847; Feb. 1.
Parkhiel-Wade. (See Meisheimer, Theodore, assignor.)
Parkhurst, Malcolm K., New York, N. Y., assignor to The Wilcolator Company, Newark, N. J. Control device for cooking ranges. 2,341,647; Feb. 15.
Parkhurst, Malcolm K., New York, and L. W. Burch, Pelham, N. Y., assignors to The Wilcolator Company, Elizabeth, N. J. Control device. 2,348,995; May 16.
Parkhurst, Malcolm K., New York, and L. W. Burch, Pelham, N. Y., assignors to The Wilcolator Company, Elizabeth, N. J. Circuit breaker. 2,348,996; May 16.
Parkin, Gates F., and L. A. Brown, assignors to International Silver Company, Meriden, Conn. Hand wheel for valves and the like. 2,347,634; Apr. 25.

Parkin, John C., and B. G. Eaton, Buffalo, N. Y., assignors to Curtiss-Wright Corporation. Flexible gun mount. 2,362,023; Nov. 7.
Parkin, Leslie, Nottingham, England, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Sliding clasp fastener. 2,341,331; Feb. 8.
Parkin, Thomas D., Broomfield, near Chelmsford, England, assignor to Radio Corporation of America. Quenched electric oscillation generator. 2,353,493; July 11.
Parkins, Ray F., deceased; L. H. Schnedier, administrator, assignor, by mesne assignments, to L. H. Schnedier, Minneapolis, Minn. Windshield protector. 2,341,236; Feb. 8.
Parks, Asbury S., Houston, Tex. Gas and oil separator. 2,348,357; May 9.
Parks-Cramer Company. (See Simon, Herman F., assignor.)
Parks, Frank H., Portland, Oreg. Illuminated pelorus. 2,357,282; Sept. 5.
Parks, Robert Q., assignor to The Ohio State University Research Foundation, Columbus, Ohio. Weighing scale. 2,358,877; Sept. 26.
Parks, Robert Q., assignor to The Ohio State University Research Foundation, Columbus, Ohio. Determining moisture in forages and grains. 2,362,396; Nov. 7.
Parks, Walter J., Shaker Heights, assignor to The W. S. Tyler Company, Cleveland, Ohio. Screening apparatus. 2,345,947; Apr. 4.
Parks, Walter J., Cleveland Heights, assignor to The W. S. Tyler Company, Cleveland, Ohio. Closure fastener for screening machines. 2,355,890; Aug. 15.
Parks, Walter J., Shaker Heights, Ohio. Screening apparatus. 2,355,891; Aug. 15.
Parks, Wesley E., Bedford, assignor, by mesne assignments, to Jack & Heintz, Inc., Cleveland, Ohio. Work holder. 2,357,128; Aug. 29.
Parks, Wesley E., Bedford, assignor, by mesne assignments, to Jack & Heintz, Inc., Cleveland, Ohio. Pin inserting machine. 2,360,158; Oct. 10.
Parks, Wesley E., Bedford, assignor, by mesne assignments, to Jack & Heintz, Inc., Cleveland, Ohio. Clamping device. 2,364,259; Dec. 5.
Parks and Woolson Machine Company. (See Hadley, Wilfred N., assignor.)
Parks and Woolson Machine Company. (See Hogue, John W., assignor.)
Parlato, Peter J., Harrington Park, N. J. Lighting fixture. 2,362,091; Nov. 7.
Parmelee, Gilbert, Chenoa, Ill. Bookbinder and book employing the same. 2,360,972; Oct. 24.
Parnall Aircraft Limited. (See Draper, F. C., and Shaw, assignors.)
Parnell, Frank G., assignor to Automotive Products Company Limited, Leamington Spa, England. Braking system for vehicles. 2,343,698; Mar. 7.
Parnell, Frank G., assignor to Automotive Products Company Limited, Leamington Spa, England. Internal shoe drum brake. 2,347,366; Apr. 25.
Parnell, Walter H., assignor of one-fourth to L. Eisenberg, one-fourth to W. A. Wourters, and one-fourth to N. Rothenberg, Brooklyn, N. Y. Coin tester. 2,350,414; June 6.
Parr, Bernard F., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Heating apparatus and the like. 2,341,648; Feb. 15.
Parr, Elmer. (See Parr, Frank and E.)
Parr, Frank and E., Mountain Lake, Minn. Display device. 2,364,999; Dec. 12.
Parr, Josephus O., Jr. (See Bashaw, W. O., and Parr.)
Parr, Josephus O., Jr., assignor to Olive S. Petty, San Antonio, Tex. Seismic surveying. 2,348,409; May 9.
Parr, Josephus O., Jr., assignor to Olive S. Petty, San Antonio, Tex. Seismic surveying. 2,352,494; June 27.
Parra, Joseph, and W. White, Newark, N. J. Automatic bowling pin setting apparatus. 2,341,475; Feb. 8.
Parra, Joseph, and W. White, Newark, N. J. Pit discharging apparatus for automatic bowling alleys. 2,341,476; Feb. 8.
Parra, Joseph, and W. White, Newark, N. J. Dead wood sweep for automatic bowling alleys. 2,361,233; Oct. 24.
Parratt, Lyman G., Washington, D. C., and J. W. Trischka, assignors to Cornell Research Foundation, Inc., Ithaca, N. Y. Electronic voltage stabilizer. 2,362,769; Nov. 14
Parrill, Eastern E., assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for control of highway crossing signals. 2,351,538; June 13.
Parrish, Alan J., Paris, Ill. Boring machine. 2,338,351; Jan. 4.
Parrish, Alan J., Paris, Ill. Earth boring apparatus. 2,348,024; May 2.
Parrish, Benjamin E., Dallas, Tex. Swab rubber. 2,360,577; Oct. 17.
Parrish, Dudley T., Richmond, Va. Speed recording apparatus. 2,342,687; Feb. 29.
Parrish, Frank T., assignor to Heywood-Wakefield Company, Gardner, Mass. Attaching device for chair legs and the like. 2,343,077; Feb. 29.
Parrish, Harry J. (See Metcalfe, C., and Parrish.)
Parrott, Robert D. (See Wise, R. J., Ridings, and Parrott.)
Parry, Albert T., Norway, Kans. Oil filter. 2,364,240; Dec. 5.
Parry, Frank, Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Needle-vibrating mechanism for sewing machines. 2,344,632; Mar. 21.
Parry, Frank, Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Feeding mechanism for sewing machines. 2,350,807; June 6.
Parry, Robert D., Cincinnati, and C. F. Hartman, Silverton, assignors of one-third to W. W. Osborne, Cincinnati, Ohio. Aircraft windshield scraper. 2,351,699; June 20.
Parshad Holding Corporation, et al. (See Sackett, Ernest D., assignor.)
Parsons, Forrest J., Lima, Ohio. Internal expanding friction clurch. 2,352,969; July 4.
Parsons, Fred A., Milwaukee, assignor to Kearney & Trecker Corporation, West Allis, Wis. Transmission and control mechanism. 2,339,102; Jan. 11.
Parsons, Fred A., Milwaukee, assignor to Kearney & Trecker Corporation, West Allis, Wis. Transmission and control mechanism. 2,355,554; Aug. 8.
Parsons, Fred A., Milwaukee, assignor to Kearney & Trecker Corporation, West Allis, Wis. Transmission and control mechanism. 2,357,222; Aug. 29.
Parsons, Harrison O., Houston, Tex. Device for measuring liquid level in containers. 2,356,347; Aug. 22.
Parsons, John B., Toledo, Ohio. Operating mechanism for ventilating wings. 2,338,965; Jan. 11.
Parsons, John B., Toledo, Ohio. Switch. 2,344,452; Mar. 14.
Parsons, John B., Toledo, Ohio. Hydraulic regulator system. 2,346,387; Apr. 11.
Parsons, John B., Toledo, Ohio. Vehicle door closing mechanism. 2,348,306; May 9.
Parsons, John B., Toledo, Ohio. Vehicle top operating mechanism. 2,350,634; June 6.
Parsons, John B., Toledo, Ohio. Window regulator mechanism. 2,351,285; June 13.
Parsons, John L. (See Jackson, D. T., and Parsons.)
Parsons, John S., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical distribution system. 2,340,075; Jan. 25.
Parsons, John S., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical distribution system. 2,354,138; July 18.
Parsons, John S., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical distribution system. 2,356,083; Aug. 15.
Parsons, John T., and A. V. Brogren, Detroit, Mich. Bomb fin crate. 2,346,700; Apr. 18.
Parsons, Joseph R., assignor to United States Gypsum Company, Chicago, Ill. Apparatus for making porous material. 2,341,059; Feb. 8.
Parsons, Lester J. (See Xenis, C. P., Parsons, Perine, King, and Bauman.)
Partansky, Alexander M., assignor to The Dow Chemical Company, Midland, Mich. Germicidal compositions. 2,359,240; Sept. 26.
Partansky, Alexander M., assignor to The Dow Chemical Company, Midland, Mich. Liquid germicidal compositions. 2,359,241; Sept. 26.
Partansky, Alexander M., assignor to The Dow Chemical Company, Midland, Mich. Germicidal compositions. 2,360,269; Oct. 10.
Partee, Watkins W., assignor to E. L. Bruce Company, Memphis, Tenn. Wood finishing. 2,339,511; Jan. 18.
Partee, Watkins W., and M. Gray, assignors to E. L. Bruce Co., Memphis, Tenn. Wood finishing. 2,341,161; Feb. 8.
Parth, Walter A. (See Webster, Richard C., assignor.)
Partington, Becker & Company Limited. (See Porritt, William H., assignor.)
Partington, Robert M., New Lebanon, N. Y., assignor to General Electric Company. Protective system. 2,363,898; Nov. 28.
Partlow Corporation. (See Clark, James K., assignor.)
Partridge, Everett P., Beaver, Pa., assignor to Hall Laboratories, Inc., Pittsburgh, Pa. Well-drilling mud. 2,365,489; Dec. 19.
Partridge, Robert I., Arcadia, Calif. Chip holder. 2,365,836; Dec. 26.
Partridge, William H., Chicago, Ill., assignor to S. Friedman, doing business as Brite Specialty Co., New York, N. Y. Wrist watch strap. 2,359,148; Sept. 26.
Parva Products Company. (See White, Paul W., assignor.)
Pascher, Leopold F., Schweizertal, Germany; vested in the Alien Property Custodian. Typewriting machine. 2,343,321; Mar. 7.
Pasco, George E., Euclid, Ohio, assignor to Pesco Products Co. Relief valve. 2,360,816; Oct. 17.
Pash, Robert, Roselle, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Mechanical motion. 2,338,533; Jan. 4.
Pash, Robert, Roselle, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Pantograph. 2,351,452; June 13.

Pash, Robert, Roselle, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Electrical testing device. 2,360,618; Oct. 17.

Pasinski, Walter J., Howell, Mich. Electric shaver. 2,364,152; Dec. 5.

Pask, Stanley J., Long Island City, assignor to Grant Positype Corporation, New York, N. Y. Apparatus for cutting strips. 2,365,288; Dec. 19.

Pasman, Abram N., Milford, Conn. Waste outlet fitting. 2,348,093; May 2.

Pasquale, Attilio. (See Okerholm, C. H., and Pasquale.)

Pasquier, Arthur L., assignor to Franklin Glass Corporation, Butler, Pa. Glass furnace. 2,352,860; July 4.

Pasquier, Michel, assignor to M and M Wood Working Company, Portland, Oreg. Making plywood panels 2,344,722; Mar. 21.

Pass, Capper, & Son Limited. (See Gueterbock, P. G. J., and Baxter, assignors.)

Pass, Sam, Chicago, Ill. Furniture slipcover. 2,349,193; May 16.

Pass & Seymour, Inc. (See Despard, Victor R., assignor.)

Passick, Murray, Hartford, and F. Ouellette, Wilson, Conn. Scribing instrument. 2,354,539; July 25.

Passino, Herbert J. (See Solomon E., Passino, and Rubin.)

Pasternack, Joseph, New York, N. Y. Jack. 2,352,117; June 20.

Pasternack, Richard, Brooklyn, N. Y., and P. P. Regna, West New York, N. J., assignors to Charles Pfizer & Company, Brooklyn, N. Y. Preparation of d-galacturonic acid and its salts. 2,338,534; Jan. 4.

Pastor, Guillermo, La Paz, Bolivia. Apparatus for taking stereoscopic or three-dimensional moving pictures. 2,348,410; May 9.

Patasnik, Charles, Chicago, Ill. Fabric mending device. 2,365,492; Dec. 19.

Patat, Franz. (See Kleaskalt, S., Kruta, Quednau, and Patat.)

Patch, George W., Jr. (See Moss, H. H., and Patch.)

Patch, John W. (See Whitcomb, H. A., and Patch.)

Patco, Inc. (See Harris, Ford W., assignor.)

"Patelhold" Patentverwertungs-& Elektro-Holding A.-G. (See Guanella, Gustav, assignor.)

Patelhold Patentverwertungs-& Elektro-Holding A.-G. (See Lädi, Fritz, assignor.)

Patent Button Company, The. (See Peterson, Frederick H., assignor.)

Patent Button Company, The. (See Purinton, Forrest G., assignor.)

Patent Button Company, The. (See Purinton, F. G., and Zwiebel, assignors.)

Patent and Licensing Corporation, The. (See Gerity, William, assignor.)

Patent and Licensing Corporation, The. (See Groskopf, Edwin O., assignor.)

Patent Scaffolding Co. Inc., The. (See Pitou, Eugene, assignor.)

Patent Scaffolding Co., The. (See Pitou, E., Huck, and Meng, assignors.)

Patented Diamond, Inc. (See Suderov, Max, assignor.)

Patents, Inc. (See Austin, Harold T., assignor.)

Patents Research Corporation. (See Bach, Henry M., assignor.)

Pateras Pescara, Raul, Estoril, Portugal, assignor of one-tenth to Societe d'Etudes et de Participations, Eau, Gaz, Electricite, Energie S. A. Geneva, Switzerland. Free piston machine. 2,344,058; Mar. 14.

Pateras Pescara, Raul, Estoril, Portugal, assignor to Societe d'Etudes et de Participations, Eau, Gas, Electricite, Energie, S. A., Geneva, Switzerland. Regulation of free piston turbo-generator systems. 2,355,177; Aug. 8.

Pateras Pescara, Raul, Lisbon, Portugal, assignor of one-tenth to Societe D'Etudes et de Participations, Eau, Gaz, Electricite, Energie S. A., Geneva, Switzerland. Free piston machine. 2,355,924; Aug. 15.

Paternoster, Charles. (See Cortes, D., and Paternoster.)

Paterson Parchment Paper Company. (See Dammann, Karl, assignor.)

Paterson, William, and O. C. Kerrison, London, England. Filter. 2,347,927; May 2.

Paterson, William J., Newton Highlands, assignor to Lever Brothers Company, Cambridge, Mass. Hydrogenating edible oils. 2,357,352; Sept. 5.

Patey, William B. (See Bills, I. E., and Patey.)

Patey, William B., Winona, assignor to R. D. Sanders, Jackson, Miss. Multiple needle tufting machine. 2,352,153; June 20.

Patey, William B., Winona, assignor of one-half to R. D. Sanders, Jackson, Miss. Multiple needle skip-stitch machine. 2,359,050; Sept. 26.

Paton, Clyde R., Birmingham, assignor to Packard Motor Car Company, Detroit, Mich. Drive mechanism. 2,354,129; July 18.

Paton, Clyde R., Birmingham, assignor to Packard Motor Car Company, Detroit, Mich. Windshield wiper. 2,356,424; Aug. 22.

Paton, John H., Rosedale Station, Alberta, Canada. Device for physically improving the human body. 2,343,264; Feb. 29.

Paton, Roy W., assignor to The Perfect Circle Company, Hagerstown, Ind. Piston expander. 2,350,064; May 30.

Patrick, Earnest H., Indianapolis, Ind. Quick-release speed governor for automotive vehicles. 2,342,751; Feb. 29.

Patrick, Edward B., Rock, W. Va. Cheese press. 2,362,154; Nov. 7.

Patrick, Grover C., and H. R. Greenlee, assignors to The Studebaker Corporation, South Bend, Ind. Engine and fan assembly. 2,351,225; June 13.

Patrick, Joseph C., Morrisville, Pa., assignor to Thiokol Corporation, Trenton, N. J. Polysulphide copolymers. 2,363,614; Nov. 28.

Patrick, Joseph C., Morrisville, Pa., assignor to Thiokol Corporation, Trenton, N. J. Polysulphide copolymer. 2,363,615; Nov. 28.

Patrick, Joseph C., Morrisville, Pa., assignor to Thiokol Corporation, Trenton, N. J. Aldehyde copolymer. 2,363,616; Nov. 28.

Patrick, Joseph C., Morrisville, Pa., assignor to Thiokol Corporation, Trenton, N. J. Butadiene polymer composition. 2,363,617; Nov. 28.

Patrick, Joseph C., Morrisville, Pa., assignor to Thiokol Corporation, Trenton, N. J. Butadiene polymer composition. 2,363,618; Nov. 28.

Patrick, Joshua, Detroit, Mich. Folding house structure. 2,359,577; Oct. 3.

Patrick, Russel, et al., executors. (See Lamont, James H.)

Pattee, Ellis C., Cincinnati, Ohio, assignor to National Distillers Products Corporation, New York, N. Y. Solvent extracting apparatus. 2,345,626; Apr. 4.

Pattee, Ellis C., Cincinnati, Ohio, assignor to National Distillers Products Corporation, New York, N. Y. Degermination of corn. 2,347,215; Apr. 25.

Patten, Cleo M., St. Louis, Mo., and C. E. Bryant, Jr., Mount Vernon, assignors to Johns-Manville Corporation, New York, N. Y. Insulating tape. 2,353,494; July 11.

Patterson, Albert M. (See Lane, C. J., and Patterson.)

Patterson, David E., Philadelphia, Pa., assignor to Bast Fiber Development Corporation, New York, N. Y. Decorticating ramie, and other bast fibers. 2,355,999; Aug. 15.

Patterson, David E., Philadelphia, Pa., assignor to Bast Fiber Development Corporation, New York, N. Y. Fiber separating machine (ramie). 2,356,000; Aug. 15.

Patterson, Edgar W., Downey, and W. L. Patterson, Long Beach, Calif. Antipound pump pressure equalizer. 2,344,786; Mar. 21.

Patterson, Edgar W., Downey, and W. L. Patterson, Long Beach, Calif. Antipound pump pressure equalizer. 2,344,787; Mar. 21.

Patterson, Edie J., Stockton, Calif. Beet topper. 2,364,312; Dec. 5.

Patterson Foundry & Machine Company, The. (See Cawood, Richard L., assignor.)

Patterson, Harry R., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Self-cleaning plate feeder. 2,353,067; July 4.

Patterson, Herbert F., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Fluid coupling. 2,347,121; Apr. 18.

Patterson, Herbert F., St. Clair Shores, assignor to Chrysler Corporation, Highland Park, Mich. Fluid coupling. 2,358,473; Sept. 19.

Patterson, James L., Houston, Tex. Mounting for telescopic sights. 2,338,200; Jan. 4.

Patterson, John A., Beacon, assignor to The Texas Company, New York, N. Y. Lubricant. 2,363,896; Nov. 28.

Patterson, John A., Westfield, N. J., assignor to Standard Oil Development Company. Purification of organic liquids. 2,356,348; Aug. 22.

Patterson, John A., Westfield, N. J., assignor to Standard Oil Development Company. Separation and purification of hydrocarbons. 2,361,493; Oct. 31.

Patterson, John A., and R. F. McCleary, Beacon, assignors to The Texas Company, New York, N. Y. Lubricant. 2,361,051; Oct. 24.

Patterson, Joseph W., Tulsa, Okla. Sprayer and fluid container therefor. 2,361,704; Oct. 31.

Patterson, Joseph W., Tulsa, Okla. Fluid container. 2,361,705; Oct. 31.

Patterson, Lola M., Lima, Ohio. Conditioning attachment for automobiles. 2,340,982; Feb. 8.

Patterson, Maisie J., Chapel Hill, N. C. Toe protecting device and making the same. 2,354,770; Aug. 1.

Patterson Manufacturing Company, et al. (See Harmon, Luther R., assignor.)

Patterson, Morehead, New York, N. Y., assignor to International Cigar Machinery Company. Short filler bunch machine. 2,339,605; Jan. 18.

Patterson, Morehead, New York, and R. E. Rundell, Rockville Centre, N. Y., assignors to American Machine and Foundry Company. Indicator means for bowling pin setting machines. 2,338,733; Jan. 11.

Patterson, Raymond A., Albany, Calif. Valve lubrication system. 2,354,926; Aug. 1.

Patterson, Robert D., Elizabeth, N. J., assignor to Rheem Manufacturing Company, Richmond, Calif. Container closure. 2,349,913; May 30.

Patterson, Veit C., assignor to York Corporation, York, Pa. Refrigeration. 2,351,700; June 20.

Patterson, Walter A., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Weft replenishing loom. 2,363,620; Nov. 28.

Patterson, Wesley L. (See Patterson, Edgar W. and W. L.)

Patterson, William N., Detroit, assignor, by mesne assignments, to The Sparks-Withington Company, Jackson, Mich. Air cleaning device. 2,349,371; May 23.

Patterson, William S., Arlington, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Apparatus for producing bags. 2,361,052; Oct. 24.

Pattison, Clarence M. (See Boyles, E. R., and Pattison.)

Pattison, Herbert J., Grosse Pointe Park, assignor to Briggs Manufacturing Company, Detroit, Mich. Apparatus for extracting molds. 2,346,182; Apr. 11.

Pattison, Wayne W., assignor to Bohn Aluminum & Brass Corporation, Detroit, Mich. Apparatus for forming arcuate bearings. 2,353,925; July 18.

Patton Button Company of Tennessee, The. (See Scott, A. A., Jr., and McNaughton, assignors.)

Patton, Carl W. (See Strother, C. O., and Patton.)

Patton, John W., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Railway passenger car. 2,340,830; Feb. 1.

Paucek, Andrew J., Flushing, N. Y., assignor to Burndy Engineering Company, Inc. Snub terminal connector. 2,356,132; Sept. 12.

Pauer, Othmar. (See Mauch, K., and Pauer.)

Paul, Donald W., Chicago, Ill. Lamp. 2,358,347; Sept. 19.

Paul, Elihu T., Corbin, assignor of one-half to Frank Craft, Pikesville, Ky. Convertible reclining chair. 2,343,923; Mar. 14.

Paul & Gray Limited. (See Lee, Ernest A., assignor.)

Paul, John E., South Orange, N. J., assignor to United States Radium Corporation, New York, N. Y. Luminous marker. 2,361,319; Oct. 24.

Paul, Max. (See Hawk, W. L., Paul, and Evans.)

Paul, Morris, Worcester, Mass. Woman's work hat. 2,343,155; Feb. 29.

Paul, Philip T., Naugatuck, Conn., assignor to United States Rubber Company, New York, N. Y. Anti-oxidant. 2,348,842; May 16.

Paul, Philip T., Naugatuck, Conn., assignor to United States Rubber Company, New York, N. Y. Antioxidant. 2,349,749; May 23.

Paul, Philip T., Naugatuck, Conn., assignor to United States Rubber Company, New York, N. Y. Antioxidants. 2,363,687; Nov. 28.

Paul, William E., Schenectady, N. Y., assignor to General Electric Company. Fluid blast circuit breaker. Re. 22,430; Feb. 1.

Paulas, John, assignor to Photo Reproducing Equipment Company, Chatham Township, Morris County, N. J. Photographic reproduction apparatus. 2,359,784; Oct. 10.

Paulding, David L., New York, N. Y., assignor to National Steel Partition Co., Inc. Metallic partition. 2,342,297; Feb. 22.

Paulick, Ernest, Duluth, Minn. Fishhook retriever. 2,353,357; July 11.

Paull, Seymour, Chicago, Ill. Turban and fabrication. 2,363,108; Nov. 21.

Paull, William H., Highland Park, Ill. Toy boat or glider. 2,351,542; June 13.

Paulsen, George A., assignor to Northern Tool & Die Co., Chicago, Ill. Gauge holder. 2,350,415; June 6.

Paulsen, Hans C., Medford, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Method of and machine for operating on insoles. 2,345,627; Apr. 4.

Paulsen, Henry C. (See Hewlett, A. P., and Paulsen.)

Paulsen, Henry C., Elizabeth, N. J., assignor to Standard Oil Development Company. Refining of mineral oils. 2,343,794; Mar. 7.

Paulsen, Reginald, Hingham, Mass. Metal plate construction. 2,353,260; July 11.

Paulsen, Thomas R., assignor to Bucyrus-Erie Company, South Milwaukee, Wis. Wheeled scraper. 2,349,302; May 23.

Paulson, Arthur W., Yonkers, and W. H. Bruns, Lincoln-dale, assignors to Otis Elevator Company, New York, N. Y. Timing of electromagnetic switches. 2,339,581; Jan. 18.

Paulson, Christian, Elmhurst, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Electromagnetic resetting apparatus. 2,341,412; Feb. 8.

Paulson, Christian, Elmhurst, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Testing fixtures. 2,355,555; Aug. 8.

Paulson, George M., assignor to The R. G. Corporation, New York, N. Y. Spark plug. 2,359,872; Oct. 10.

Paulson, James E., Long Beach, Calif. Electrode holder. 2,342,966; Feb. 29.

Paulus, Charles L. (See Kauch, R., and Paulus.)

Paulus, Charles L., and R. K. Stout, Dayton, Ohio. Fire extinguisher. 2,346,183; Apr. 11.

Paulus, Charles L., and R. K. Stout, Dayton, Ohio. Gunner's warning panel and lamp system. 2,361,412; Oct. 31.

Paulus, Charles L., and R. K. Stout, Dayton, Ohio, assignors of one-half to J. B. Brady, Washington, D. C. Automatic steering mechanism. 2,339,291; Jan. 18.

Pauly, Robert C. (See Matthews, A., Pauly, and Maxon.)

Pauly, Robert C., Cincinnati, assignor to The American Laundry Machinery Company, Norwood, Cincinnati, Ohio. Feather handling apparatus. 2,347,431; Apr. 25.

Paupa, Joseph, Chicago, Ill. Runner training apparatus. 2,354,050; July 18.

Pavek, Edward F., Stillwater, Minn. Overall buckle. 2,362,024; Nov. 7.

Pavelka, Joseph. (See McCullough, Paul J., assignor.)

Pavlecka, Vladimir H., Pacific Palisades, assignor to Northrop Aircraft, Inc., Hawthorne, Calif. Draw press. 2,348,921; May 16.

Pavlecka, Vladimir H., Pacific Palisades, and D. F. Egger, Inglewood, assignors to Northrop Aircraft, Inc., Hawthorne, Calif. Structural joint. 2,361,706; Oct. 31.

Pawelsky, Vernon R. (See Johnson, R. W., and Pawelsky.)

Pawelsky, Vernon R. (See Johnson, R. W., Biermann, and Pawelsky.)

Pawelsky, Vernon R., and W. A. Biermann, assignors to Automatic Products Company, Milwaukee, Wis. Fuel oil filter. 2,354,051; July 18.

Paxman, Dalton G., Oakland, Calif. Nursing bottle. 2,365,585; Dec. 19.

Paxton, George N. (See Paxton, J. W. and G. N., and Cornish.)

Paxton, Gerald C. (See Stillwell, G. E., and Paxton.)

Paxton, John W. and G. N., Bloomington, and I. R. Cornish, Elmhurst, Ill. Filling cabinet follower. 2,364,912; Dec. 12.

Payne, Charles A., Ilford, England. Heat-transfer element for absorbers. 2,360,714; Oct. 17.

Payne, Charles E. (See Caplin, F., and Payne.)

Payne, Clarence Q., New York, N. Y. Apparatus for reducing ores and melting metals by electromagnetic induction. 2,359,578; Oct. 3.

Payne, Claron R., and R. B. Seymour, Allentown, Pa., assignors to The Atlas Mineral Products Company, Mertztown, Pa. Resin composition and making the same. 2,366,049; Dec. 26.

Payne, Donald E., assignor to Standard Oil Company, Chicago, Ill. Catalytic conversion system. 2,353,495; July 11.

Payne, Duncan S. (See Robertson, J. A., Payne, and Arendt.)

Payne, Edna S. (See Huff, Basil D., assignor.)

Payne Furnace & Supply Company. (See Morris, Louis C., assignor.)

Payne, John W. (See Simpson, T. P., Payne, and Crowley.)

Payne, John W. (See Simpson, T. P., Payne, and Valas.)

Payne, John W., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Treating process. 2,351,875; June 20.

Payne, Lambert M., Detroit, Mich. Automobile body heater. 2,356,609; Aug. 22.

Payne, Oscar V. (See Bergstrom, C. P., and Payne.)

Payne, Oscar V., Leicester, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Warp stop motion. 2,342,752; Feb. 29.

Payne, Roland S., Salt Lake City, Utah, assignor to Remington Arms Company, Inc., Bridgeport, Conn. Aligning fixture. 2,341,284; Feb. 8.

Payne, Samuel T. (See Dickinson, E. G., and Payne.)

Payne, Walter B., assignor to The Todd Company, Inc., Rochester, N. Y. Work positioning means for imprinting machines and the like. 2,339,188; Jan. 11.

Payne, Walter B., assignor to The Todd Company, Inc., Rochester, N. Y. Collating and posting device. 2,344,453; Mar. 14.

Payne, Walter B., assignor to The Todd Company, Inc., Rochester, N. Y. Printing apparatus. 2,346,603; Apr. 11.

Payne, Walter B., assignor to The Todd Company, Inc., Rochester, N. Y. Form dispensing apparatus. 2,362,088; Nov. 7.

Payne, William J., Georgetown, Ky. Heater. 2,352,402; June 27.

Paynter, Horace J., Union, N. J., assignor to American Can Company, New York, N. Y. Electrolytic sheet treating apparatus. 2,342,688; Feb. 29.

Peacock, Charles T., Lincoln County, Colo. Damming attachment for listers and lister seeders. 2,348,997; May 16.

Peacock, Charles T., Lincoln County, Colo. Seeder. 2,357,760; Sept. 5.

Peacock, Charles T., Lincoln County, Colo. Tractor hitch. 2,357,761; Sept. 5.

Peacock, William, Philadelphia, Pa., assignor, by mesne assignments, to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Making mirrors. 2,363,354; Nov. 21.

Peake, Abner J., Stockton, Calif. Pulverizing mill. 2,365,904; Dec. 26.

Peale, Rembrandt, Jr. (See Peale, Richard, and R.)

Peale, Richard, Clearfield, Pa., and R. Peale, Jr., Greenwich, Conn. Material loading and conveying. 2,349,914; May 30.

Peale, Richard, Clearfield, Pa., and R. Peale, Jr., Greenwich, Conn. Apparatus for mining, loading, and conveying material. 2,355,178; Aug. 8.

Pearce, Edwin S., Indianapolis, Ind. Journal box closure means. 2,348,843; May 16.

Pearce, Gale T., Somerville, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Method and apparatus for mineral wool manufacture. 2,365,970; Dec. 26.

Pearce, George C., assignor to General Motors Corporation, Dayton, Ohio. Method and apparatus for testing thermostatic control devices. 2,357,353; Sept. 5.

Pearce, George W., and A. W. Avens, Geneva, N. Y. Basic calcium arsenate. 2,344,895; Mar. 21.

Pearce, Owen A., Heswall, Wirral, and S. H. Oliver, Ainsdale, Southport, near Liverpool, England, assignors, by mesne assignments, to Automatic Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,358,185; Sept. 12.

Pearce, William T., Lower Merion Township, Montgomery County, assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Coating metals. 2,362,397; Nov. 7.

Pearl, Martin, Perth Amboy, N. J. Measuring and dispensing device. 2,343,024; Feb. 29.

Pearl, William A., Chicago, assignor to Whiting Corporation, Harvey Ill. Apparatus for cleaning castings or metal parts. 2,351,453; June 13.

Pearson, Chester C. (See Eyler, L. J., and Pearson.)

Pearson, Edgar M., Sulphur, La. Attachment for dredges and similar devices. 2,356,469; Aug. 22.

Pearson, Elmer W., Red Wing, Minn. Work holder for boring and drilling machines. 2,350,919; June 6.

Pearson, Gerald L., Millington, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Thermosensitive relay. 2,339,029; Jan. 11.

Pearson, Harold E., Bethlehem, Pa., assignor, by mesne assignments, to Realty and Industrial Corporation, Convent, N. J. Drawout mechanism. 2,342,298; Feb. 22.

Pearson, Ivar L., Los Angeles, Calif. Indicator. 2,341,809; Feb. 15.

Pearson, Karl, Berkeley, Calif. Conveyer for branding machines. 2,364,163; Dec. 5.

Pearson, John H., Lowell, Mass. Grenade magazine attachment for service rifles. 2,365,586; Dec. 19.

Pearson, John H., Flushing and B. W. Hammarén, Floral Park, assignors to General Chemical Company, New York, N. Y. Manufacture of phenyl o-phenoxybenzoate. 2,349,459; May 23.

Pearson, Martin, Pontiac, Mich. Stilt. 2,351,145; June 13.

Pearson, Oke L., Chicago, Ill. Receptacle and closure means therefor. 2,353,582; July 11.

Pearson, Paul E., Chicago, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Apparatus for internally coating containers. 2,341,477; Feb. 8.

Pearson, Paul E., Chicago, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Scroll strip and forming same. 2,345,882; Apr. 4.

Pearson, Paul E., Chicago, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Spot forming means for crown cap spotting machines. 2,358,026; Sept. 12.

Pearson, Paul E., Chicago, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Filled container sussing apparatus. 2,359,671; Oct. 3.

Pearson, Paul E., Chicago, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Can closing machine. 2,362,848; Nov. 14.

Pearson, Paul E., and C. E. Magnus, Chicago, Ill., assignors to Continental Can Company, Inc., New York, N. Y. Crown cap conveyer. 2,362,849; Nov. 14.

Pearson, Robert W., Wilkinsburg, S. J. Murcek, Duquesne, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Welding apparatus. 2,340,076; Jan. 25.

Pearson, Robert W., and C. B. Stadum, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric discharge apparatus. 2,340,077; Jan. 25.

Pearson, Robert W., Wilkinsburg, and S. J. Murcek, Duquesne, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Counting system. 2,342,753; Feb. 29.

Pearson, Robert W., Wilkinsburg, Pa., and D. E. Marshall, Allwood, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Thermostatic protection of ignition tubes. 2,349,673; May 23.

Pearson, Robert W., Wilkinsburg, and D. P. Faulk, Pittsburgh, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electronic control system. 2,354,140; July 18.

Pearson, Willie T., Vicksburg, Miss. Stylus holder. 2,362,582; Nov. 14.

Pease, C. F., Company, The. (See Brunk, Harold J., assignor.)

Pease, Charles F., Pasadena, Calif. Vending machine. 2,353,496; July 11.

Pease, Lester R., Inglewood, assignor to Northrop Aircraft, Inc., Hawthorne, Calif. Draw ring. 2,342,365; Feb. 22.

Pease, Lester R., Inglewood, assignor to Northrop Aircraft, Inc., Hawthorne, Calif. Flange forming die assembly. 2,348,998; May 16.

Peavey, Harold F., Springfield, assignor to L. J. Barrett, Worcester, Mass. Sterilizer and sedimentizer. 2,358,414; Sept. 19.

Pecherer, Benjamin, Detroit, Mich. Preparation of esters. 2,346,272; Apr. 11.

Pechukas, Alphonse. (See Muskat, I. E., and Pechukas.)

Pechukas, Alphonse, Akron, Ohio, assignor to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Purification of liquid halides. 2,345,214; Mar. 28.

Pechukas, Alphonse, Akron, Ohio, assignor to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Recovering stannic chloride. 2,346,604; Apr. 11.

Pechy, William, Manasquan, N. J., assignor to American Can Company, New York, N. Y. Filling machine. 2,356,176; Aug. 22.

Pechy, William, Mansasquan, N. J., assignor to American Can Company, New York, N. Y. Liquid filling apparatus. 2,359,785; Oct. 10.

Pechy, William, Manasquan, N. J., assignor to American Can Company, New York, N. Y. Can-weighing machine. 2,359,786; Oct. 10.

Peck, Carl F., Jersey City, N. J., assignor to American Can Company, New York, N. Y. Container. 2,348,750; May 16.

Peck, Carl F., Jersey City, N. J., assignor to American Can Company, New York, N. Y. Can testing machine. 2,353,758; July 18.

Peck, Clarence E., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Gas-generator unit. 2,356,084; Aug. 15.

Peck, Edward B., Elizabeth, N. J., assignor to Standard Oil Development Company. Chemical process. 2,339,941; Jan. 25.

Peck, Edward B., Elizabeth, N. J., assignor, by mesne assignments, to Standard Catalytic Company. Production of physiologically inert oil. 2,354,540; July 25.

Peck, Robert E., assignor of one-fourth to W. Burchenal and one-fourth to M. Lippincott, Cincinnati, Ohio. Air conditioning conduit fitting. 2,359,579; Oct. 3.

Peck, Robert E., assignor of one-fourth to Wm. Burchenal and one-fourth to M. Lippincott, Cincinnati, Ohio. Conduit connector. 2,360,159; Oct. 10.

Peck, William F. (See Estey, R. S., Peck, and Harper.)

Peck, William F., Snyder, assignor to Spencer Lens Company, Buffalo, N. Y. Polarimeter apparatus. 2,351,539; June 13.

Peck, William F., Snyder, and A. A. Gradisar, Buffalo, N. Y., assignors to American Optical Company, Southbridge, Mass. Diagnostic instrument. 2,365,104; Dec. 12.

Pecker, Edwin A. (See Pickens, M. D., and Pecker.)

Pecker, Joseph S., Philadelphia, Pa. Aircraft rotor wing construction. 2,362,301; Nov. 7.

Pecker, Joseph S., and H. A. Simpson, Philadelphia, Pa., assignors, by mesne assignments, to J. S. Pecker, New York, N. Y. Forming pressed articles from powders. 2,350,971; June 6.

Pecker, Joseph S., and H. A. Simpson, Philadelphia, Pa., assignors to Machine and Tool Designing Company. Adjustable seat supporting device. 2,353,497; July 11.

Pecorella, Benedict G., Buffalo, N. Y. Artificial hand. 2,364,313; Dec. 5.

Pecot, Gabriel B. (See Schenermann, L. N., and Pecot.)

Peden, Douglas T. (See Kline, J. E., and Peden.)

Peden, Douglas T., Ann Arbor, assignor to Micromatic Hone Corporation, Detroit, Mich. Adjustable feed for tools. 2,350,527; June 6.

Pedersguist, Ernest G. J., Bloomfield, N. J. Terminal. 2,364,095; Dec. 5.

Pedersen, Charles J. (See Clarkson, R. G., and Pedersen.)

Pedersen, Charles J. (See Downing, F. B., and Pedersen.)

Pedersen, Charles J., Penns Grove, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilization of organic substances. 2,363,778; Nov. 28.

Pedersen, Clifford M., San Francisco, and S. L. Morgan, Sausalito, Calif. Ship cargo rig. 2,361,053; Oct. 24.

Pedersen, Harold M., Forest Hills, N. Y. Safety pin. 2,353,261; July 11.

Pedersen, Hayes N., Racine, Wis. Manufacture of toy cards. 2,360,973; Oct. 24.

Pedersen, Jens O., assignor to Swanson Tool and Machine Corporation, Erie, Pa. Stop device for lathes. 2,364,241; Dec. 5.

Pedersen, John D., Jackson, Wyo. Bolt mechanism for rifles. 2,364,548; Dec. 5.

Pedersen, John D., Jackson, Wyo. Rifle, stock, receiver, and trigger guard assembly. 2,364,549; Dec. 5.

Pederson, Oscar W. (See Dies, Charles A., assignor.)

Pedigo, Arthur J., Cookeville, Tenn. Refrigerating apparatus. 2,346,184; Apr. 11.

Pedrazzo, Emil R., West New York, N. J. Loom. 2,353,968; July 18.

Peebles, Frank B., Los Angeles, Calif., assignor to Irving G. King & Company. Gate drive. 2,346,388; Apr. 11.

Peed, Garland P., Jr., Pacific Palisades, and T. K. Petersen, Santa Monica, Calif., assignor to Douglas Aircraft Company, Inc. Wing slot arrangement. 2,346,326; Apr. 11.

Peek, Henry L., Edgewood, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Latching mechanism. 2,342,816; Feb. 29.

Peel, Frederick, Gidea Park, and R. S. Vincent, assignors to Callender's Cable & Construction Company Limited, London, England. Continuous impregnation of cables and the like articles. 2,357,686; Sept. 5.

Peelle Company, The. (See Peelle, Robert S., assignor.)

Peelle, James F., Richmond, Ind. Metal door construction. 2,349,195; May 16.

Peelle, Richard R. (See Althen, Frank, assignor.)

Peelle, Robert S., Hollis, assignor to The Peelle Company, Brooklyn, N. Y. Elevator door operator. 2,358,994; Sept. 26.

Peeps, Donald J., assignor to The De Vilbiss Company, Toledo, Ohio. Spray nozzle. 2,356,944; Aug. 29.

Peerless Equipment Company. (See Nelson, Robert M., assignor.)

Peerless Machine Company. (See Jensen, Otto M., assignor.)

Peerless Traveling Goods Co., The. (See Schwab, Hugo R., assignor.)

Peery, Norman E. (See Hilmer, F. B., and Peery.)

Peet, Alexander, Luton, England. Electric water heater. 2,347,122; Apr. 18.

Peet, Gerald D., Montclair, assignor to Wallace & Tiernan Products, Inc., Belleville, N. J. Color comparator. 2,341,810; Feb. 15.

Peet, Gerald D., Montclair, assignor to Novadel-Agene Corporation, Newark, N. J. Brew cooling and dispensing installation. 2,342,299; Feb. 22.

Peets, Wilbur J., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Lapping machine. 2,354,347; July 25.

Peets, Wilbur J., Elizabeth, and J. Roll, Union, assignors to The Singer Manufacturing Company, Elizabeth, N. J. Clutch and brake mechanism. 2,340,612; Feb. 1.

Peets, Wilbur J., Elizabeth, and J. Roll, Union, assignors to The Singer Manufacturing Company, Elizabeth, N. J. Clutch and brake mechanism. 2,348,025; May 2.

Peevey, Lafayette H., Alameda, Calif. Cable anchor. 2,344,322; Mar. 14.

Pegg, Edward H. R. (See Yost, I. A., and Pegg.)

Pegg, Edward H. R., Lakewood, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Small-size high-capacity electrical dust precipitator. 2,359,149; Sept. 26.

Peglau, Paul, Berlin-Steglitz, Germany; vested in the Alien Property Custodian. Jet-pipe relay. 2,350,808; June 6.

Peglow, Walter, Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Latch construction. 2,359,150; Sept. 26.

Peiker, Alfred L., East Bound Brook, N. J., assignor, by mesne assignments, to American Cyanamid Company, New York, N. Y. Resin emulsion vehicle. 2,356,794; Aug. 29.

Peirce, Frederick T., Manchester, and W. C. Gardiner, Salford, assignors to The British Cotton Industry Research Association, Manchester, and F. Reddaway and Company Limited, Salford, England. Woven structure resistant to penetration by water under pressure. 2,350,696; June 6.

Peirce, George A., Westfield, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of sodium sulphide. 2,344,104; Mar. 14.

Peirson, Harold T., Brooklyn, N. Y. Insect trap. 2,340,897; Feb. 8.

Pekar, Albert G., assignor to George Sharpnack, Ridgefield Park, N. J. System for indicating unbalance of cyclically moving bodies. 2,348,922; May 16.

Peicé, Henri, Pilvecourt, France; vested in the Alien Property Custodian. Change-over device for circular weaving looms. 2,356,425; Aug. 22.

Pelcher, Walter J., and A. J. Diroff, Monroe, assignors to Woodall Industries Incorporated, Detroit, Mich. Visor construction. 2,340,015; Jan. 25.

Pelessoni, Giovanni, Udine, Italy; vested in the Alien Property Custodian. Wing for aircraft with a variable surface. 2,350,809; June 6.

Pelikan, John M., Chicago, Ill., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,351,540; June 13.

Pelikan, John M., Chicago, Ill., assignor to The Union Switch and Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,354,052; July 18.

Pelikan, John M., Chicago, Ill., assignor to The Union Switch and Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,365,837; Dec. 26.

Pellar, Ralph R., Chicago, Ill. Spray gun. 2,348,568; May 9.

Pellaton, Raoul, Les Ponts de Martel, assignor to Manufacture des Montres Universal Perret et Berthoud S. A., Geneva, Switzerland. Device for measuring time intervals. 2,361,563; Oct. 31.

Pellett, Fred G., Alplaus, N. Y., assignor to General Electric Company. Resinous composition. 2,345,948; Apr. 4.

Pellett, James J., Freehold, N. J., assignor to C. R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Earth moving machine. 2,343,795; Mar. 7.

Pelosi, Nicholas, Newark, N. J., assignor to American Can Company, New York, N. Y. Coating machine. 2,348,224; May 9.

Pelosi, Nicholas, Newark, N. J., assignor to American Can Company, New York, N. Y. Coating machine. 2,349,303; May 23.

Pelosi, Nicholas, Newark, N. J., assignor to American Can Company, New York, N. Y. Coating machine. 2,361,959; Nov. 7.

Pelosi, Nicholas, Newark, N. J., assignor to American Can Company, New York, N. Y. Sorting device for container making machines. 2,361,960; Nov. 7.

Pelouch, James J., Cleveland, Ohio, assignor to The United States Air Compressor Company. Fluid pump. 2,354,220; July 25.

Pelouch, James J., Cleveland, Ohio, assignor to The United States Air Compressor Company. Pumping device. 2,364,550; Dec. 5.

Pelphrey, Harry, Detroit, Mich. Tooth relieving machine. 2,344,323; Mar. 14.

Pelphrey, Harry, assignor to Michigan Tool Company, Detroit, Mich. Forming gear cutters. 2,346,865; Apr. 18.

Pelphrey, Harry, assignor to Michigan Tool Company, Detroit, Mich. Fixture for forming gear cutters. 2,346,866; Apr. 18.

Pelphrey, Harry, assignor to Michigan Tool Company, Detroit, Mich. Machine for forming gears. 2,346,867; Apr. 18.

Pelphrey, Harry, assignor to Michigan Tool Company, Detroit, Mich. Gear shaving hob. 2,348,844; May 16.

Pelphrey, Harry, assignor to Michigan Tool Company, Detroit, Mich. Machine for forming gears. 2,348,845; May 16.

Pelunis, Rudolph J., Los Angeles, Calif. Activated gauge glass refractor. 2,356,267; Aug. 22.

Pelzer, Harold H. (See Pelzer, W. and H. H.)

Pelzer, Harold H., Astoria, Long Island, assignor to P. J. Schulman, New York, N. Y. Autographic register. 2,342,554; Feb. 22.

Pelzer, William, Yonkers, and H. H. Pelzer, New York, N. Y. Attaching metal rings to paper bottles. 2,356,470; Aug. 22.

Pemberton, Christopher A., Toronto, Ontario, Canada. Meat cooking carton. 2,354,401; July 25.

Pembroke, George F., Deptford, London, England. Apparatus for testing or measuring sizes or dimensions. 2,354,053; July 18.

Pembroke, George F., assignor to Molins Machine Company Limited, Deptford, London, England. Apparatus for testing or measuring sizes or dimensions. 2,362,924; Nov. 14.

Pemco Corporation. (See Athy, L. C., and Stufft, assignors.)

Penaljo, Inc. (See Walsh John J., assignor.)

Penco, Constantino, Buenos Aires, Argentina. Combustion engine. 2,359,672; Oct. 3.

Pendleton, F. R., trustee. (See Greenleaf, R. M., and Hunt.)

Pendleton, Frank R., trustee. (See Greenleaf, R. M., and Palmer, assignors.)

Pendleton, Ralph L., Palo Alto, Calif., assignor of one-sixth to S. G. Pendleton. Door strike. 2,350,635; June 6.

Pendleton, Sara G. (See Pendleton, Ralph L., assignor.)

Penerose, William F., Irvington, N. J., assignor to Empire Electric Brake Corporation. Electromagnetically actuated brake. 2,365,726; Dec. 26.

Penfold, Norman C. (See Furlong, F. A., and Penfold.)

Pengilly, Lewis, Loma Mar, Calif. Engine fuel pump. 2,351,064; June 13.

Penick, Arthur J., Houston, Tex. Rosster. 2,343,156; Feb. 29.

Penick, Arthur J. and K. T., Houston, Tex. Lubricating system for valve assemblies. 2,348,642; May 9.

Penick, Kirby T. (See Penick, A. J. and K. T.)

Penker, Ernest, Flushing, assignor to Etched Products Corporation, Long Island City, N. Y. Forming electrodes. 2,347,501; Apr. 25.

Penn Electric Switch Co. (See Anderson, August P., assignor.)

Penn Electric Switch Co. (See Lyon, LaV. D., and Rothwell, assignors.)

Penn Electric Switch Co. (See Rothwell, J. J., and Wood, assignors.)

Penn Electric Switch Co. (See Shaw, Burton E., assignor.)

Penn Electric Switch Co. (See Shaw, B. E., and Rothwell, assignors.)

Penney, Gaylord W., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical dust precipitator. 2,347,709; May 2.

Penney, Gaylord W., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrified liquid spray dust precipitators. 2,357,354; Sept. 5.

Penney, Gaylord W., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical dust precipitator utilizing liquid sprays. 2,357,355; Sept. 5.

Penney, Harold D., Pelham, assignor to Triplex Barrel Company, Inc., New York, N. Y. Barrel or keg. 2,341,740; Feb. 15.

Penney, Harold F., University Heights, assignor to Red Star Products, Inc., Cleveland, Ohio. Antifriction guideway for reciprocable tool supports. 2,343,575; Mar. 7.

Penney, Harold F., University Heights, assignor to Red Star Products, Inc., Cleveland, Ohio. Power-operated mitering and beveling tool. 2,356,610; Aug. 22.

Penney, J. C., Company. (See Crocker, Glyn H., assignor.)

Penning, Frans M. (See Posthumus, K., Penning, Dorgelo, and Verburg.)
Pennington, Alan M., Eddington, Herne Bay, England. Molding hollow concrete beams. 2,357,968; Sept. 12.
Pennington, Gordon R. (See Heubner, G. J., Jr., and Pennington.)
Pennington, Gordon R., Bloomfield Hills, assignor to Chrysler Corporation, Highland Park, Mich. Apparatus for fabricating fluid couplings. 2,345,285; Mar. 28.
Pennington, Gordon R., Bloomfield Hills, assignor to Chrysler Corporation, Highland Park, Mich. Fluid coupling. 2,351,286; June 13.
Pennington, Gordon R., Bloomfield Hills, assignor to Chrysler Corporation, Highland Park, Mich. Fabricating fluid power transmitters. 2,365,354; Dec. 19.
Pennington, Neal A., assignor of one-half to R. H. Henley, Tucson, Ariz. System for cooling and humidifying air. 2,342,689; Feb. 29.
Pennow, Willis A., Cleveland, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Marker light. 2,359,151; Sept. 26.
Pennow, Willis A., Cleveland, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Lighting apparatus. 2,365,587; Dec. 19.
Pennsylvania Bituminous Coal Research, Inc. (See Charmbury, Herbert B., assignor.)
Pennsylvania Bituminous Coal Research, Inc. (See Wright, Calvert C., assignor.)
Pennsylvania Crusher Company. (See Borton, George W., assignor.)
Pennsylvania Engineering Works. (See McFeaters, Harry L., assignor.)
Pennsylvania Industrial Chemical Corporation. (See Corkery, F. W., and Burroughs, assignors.)
Pennsylvania Manufacturing Company. (See Hallowell, Howard T., Jr., assignor.)
Pennsylvania Pump & Compressor Company. (See Noble, William H., assignor.)
Pennsylvania Pump & Compressor Company, The. (See Raymond, Ward, assignor.)
Pennsylvania Railroad Company, The. (See Elsey, Warren R., assignor.)
Pennsylvania Railroad Company, The. (See Hoke, Harry A., assignor.)
Pennsylvania Railroad Company, The. (See Hoke, H. A., and Barley, assignors.)
Pennsylvania Railroad Company, The. (See Hoke, H. A., and Matteo, assignors.)
Pennsylvania Railroad Company, The. (See Jones, Lloyd B., assignor.)
Pennsylvania Railroad Company, The. (See Steins, Carleton K., assignor.)
Pennsylvania Research Corporation, The. (See Fenske, Merrell R., assignor.)
Pennsylvania Research Corporation, The. (See Fuchs, Walter M., assignor.)
Pennsylvania Rubber Company. (See Du Puy, Charles M., assignor.)
Pennsylvania Salt Manufacturing Company, The. (See Brown, R. L., and Plump, assignors.)
Pennsylvania Salt Manufacturing Company, The. (See Riggs, W. S., and Lehmann, assignors.)
Pennsylvania Salt Manufacturing Company, The. (See Tomlinson, R. W., and Meyer, assignors.)
Pennybacker, Miles, West Orange, and A. R. Hussey, Lyndhurst, N. J.; said Hussey assignor to said Pennybacker. Lehr for tubing. 2,347,156; Apr. 18.
Pennybacker, Miles, West Orange, and A. R. Hussey, Lyndhurst, N. J.; said Hussey assignor to said Pennybacker. Luminous discharge tube. 2,354,421; July 25.
Penokee Veneer Company. (See Atwood, Harry N., assignor.)
Pense, Walter, and H. Bestian, Frankfort-on-the-Main, Germany; vested in the Alien Property Custodian. Preparing coatings and the materials thus obtained. 2,341,413; Feb. 8.
Pense, Walter, and W. Asch, Frankfort-on-the-Main, P. May, Ludwigshafen-on-the-Rhine, and H. Stärk, Bad Sodden in Taunus, Germany; vested in the Alien Property Custodian. Preparing lustrous coatings. 2,358,879; Aug. 29.
Penska, Stanley, assignor to Franjost, Inc., Yonkers, N. Y. Surgical dressing. 2,342,300; Feb. 22.
Pentecost, William A. (See Samwell, P. R., and Pentecost.)
Penter, Eli E., Huntington Park, Calif. Match packet. 2,360,270; Oct. 10.
Penther, Carl J., and F. B. Rolfson, Oakland, assignors to Shell Development Company, San Francisco, Calif. Electromagnetic method and apparatus for pipe line surveying and exploration. 2,358,027; Sept. 12.
Penton, Edgar W., Mifflinburg, Pa. House of prefabricated room units. 2,363,259; Nov. 21.
Pentrathane Products, Inc. (See Kienits, Sidney E., assignor.)
Pentz, Albert D., New Brighton, Staten Island, N. Y. Fluid drive transmission. 2,350,810; June 6.
Penyazka, Julius M., Elmhurst, N. Y. Training device. 2,347,502; Apr. 25.
People in the Territory of the United States, Dedicated to the free use of the. (See Fleck, Elmer E.)
People in the Territory of the United States, Dedicated to the free use of the. (See Loughborough, William K.)
People in the Territory of the United States, Dedicated to the free use of the. (See Richards, Lorenso A.)
People in the territory of the United States, Dedicated to the free use of the. (See Siegler, Edouard H.)
People in the Territory of the United States, Dedicated to the free use of the. (See Wilkie, John B., assignor.)
Pepersack, Francis J. Towson, assignor to The Glenn L. Martin Company, Middle River, Md. Drain valve tank fitting. 2,344,056; Mar. 14.
Pepitone, Sal, New York, N. Y., assignor, by mesne assignments, to La Marquise Footwear, Inc. Footwear. 2,344,057; Mar. 14.
Peple, Gustave A., Jr., Richmond, Va. Damper. 2,360,888; Oct. 24.
Peppers, William J. (See Matejcik, E. J., and Peppers.)
Pepsi-Cola Company. (See Dats, George J., assignor.)
Pera, Ursola L. (See Pera, Valentino, assignor.)
Pera, Valentino, assignor of one-half to O. L. Pera, Pinole, Calif. Beverage cup. 2,355,010; Aug. 1.
Percheron, Maurice, Paris, France; vested in the Alien Property Custodian. Artificial digestion of albuminoid and fatty substances. 2,350,811; June 6.
Percifield, Charles N., Jr., Electra, Tex. Casing float valve. 2,342,485; Feb. 22.
Percy, James W., Jersey City, N. J., assignor to United States Steel Corporation of Delaware. Bessemer converter blow control method. 2,354,400; July 25.
Percy, Joseph H. (See Miles, G. D., Jakob, and Percy.)
Percy, Joseph H. (See Ross, J., Brandt, and Percy.)
Percy, Joseph H., New York, and J. Ross, Manhasset, N. Y., assignors to Colgate-Palmolive-Peet Company, Jersey City, N. J. Polymerization process. 2,341,239; Feb. 8.
Pereles Bros., Inc. (See Pereles, Joseph L., assignor.)
Pereles, Joseph L., assignor to Pereles Bros, Inc., Milwaukee, Wis. Apparatus for forming shoe heels. 2,351,454; June 13.
Pereleau, Harold N., Huntington Park, Calif. Dispensing and sealing stopper. 2,342,215; Feb. 22.
Peremi, Edmund, Manhasset, and L. Toth, Flushing, assignors to General Bronze Corporation, Long Island City, N. Y. Metallic flooring. 2,353,069; July 4.
Perez, Antonio P., Pawtucket, R. I. Traveling basket. 2,340,766; Feb. 1.
Perez, Joseph R., San Antonio, Tex. Nut-cracking machine. 2,343,874; Mar. 14.
Perfect Circle Company, The. (See McFall, T. E., and Norton, assignors.)
Perfect Circle Company, The. (See Paton, Roy W., assignor.)
Perfect Circle Company, The. (See Teetor, Macy O., assignor.)
Perfection Stove Company. (See Kessler, Charles J., assignor.)
Perfection Stove Company. (See Kirkpatrick, Joseph R., assignor.)
Perfection Stove Company. (See Midnight, Wilbur G., assignor.)
Perfex Corporation. (See Bossart, Otto A., assignor.)
Perfex Corporation. (See Cunningham, L. L., and Malone, assignors.)
Perfex Corporation. (See Hotchkiss, Clifford, assignor.)
Perfex Corporation. (See Malone, Homer E., assignor.)
Perfex Corporation. (See Malone, H. E., and Shallcross, assignors.)
Pergolizzi, Gondolfo and S., New York, N. Y. Reversible window sash. 2,360,790; Oct. 17.
Pergolizzi, Sadie. (See Pergolizzi, Gondolfo and S.)
Periat, Marcel, San Mateo, Calif. Balancer. 2,339,718; Jan. 18.
Perine, Woodman. (See Xenis, C. P., and Perine.)
Perine, Woodman. (See Xenis, C. P., Parsons, Perine, King, and Bauman.)
Perkins, Arthur R., Oneonta, N. Y. Forming steel power transfer housings. 2,348,145; May 2.
Perkins, Arthur R., Oneonta, N. Y. Power plant assembly. 2,349,196; May 16.
Perkins, Arthur R., Oneonta, N. Y. Combined vehicle body frame and chassis. 2,356,690; Aug. 22.
Perkins, Bertram T. Chicago, Ill. Fluid dispensing apparatus. 2,365,901; Dec. 26.
Perkins, Cecil J., Lynchburg, Va. Process and apparatus for spot-dyeing skeins. 2,351,701; June 20.
Perkins, Charles M., Detroit, and K. D. Kysor, Northville, assignors to Palmer-Bee Company, Detroit, Mich. Multiple frequency-variable phase counterbalancing device. 2,342,216; Feb. 22.
Perkins-Elmer Corporation, The. (See Mogey, Hailey W., assignor.)
Perkins, Eugene M., Boston, Mass. Razor blade holder. 2,357,601; Sept. 5.
Perkins, Ezra Clinton, Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Salt purification. 2,340,613; Feb. 1.
Perkins, Frederick, Jamaica, assignor to Perkins Marine Lamp & Hardware Corp., New York, N. Y. Bilge pump operating means. 2,353,069; July 4.
Perkins, Hiram A., deceased, Rochester, N. Y., by S. L. Perkins, Rochester, N. Y., and M. P. Hathaway, Montclair, N. J., executors; said H. A. Perkins assignor to Setter Bros. Inc., Cattaraugus, N. Y. Method of, and apparatus for, manufacturing rodlike articles. Re. 22,478; May 9.

Perkins, Hiram A., Rochester, assignor to Setter Bros. Inc., Cattaraugus, N. Y. Method of and apparatus for the manufacture of rodlike articles. 2,357,846; Sept. 12.
Perkins, Hiram A., Rochester, assignor to Setter Bros. Inc., Cattaraugus, N. Y. Candy stick machine. 2,365,838; Dec. 26.
Perkins, Kenneth. (See Langille, W. O., and Perkins.)
Perkins, Kenneth, Scotch Plains, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Brush holder for dynamoelectric machines. 2,348,684; May 9.
Perkins, Kenneth H. (See Cash, C., and Perkins.)
Perkins Machine and Gear Company. (See Deloghia, Louis B., assignor.)
Perkins Machine and Gear Company. (See Oakley, John, assignor.)
Perkins Machine and Gear Company. (See Plumadore, H. W., Collins, and Oakley.)
Perkins Marine Lamp & Hardware Corp. (See Perkins, Frederick, assignor.)
Perkins, Melville F. (See Crane, R. G., and Perkins.)
Perkins, Melvin A., Wilmington, Del., and J. Deinet, Glassboro, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Compounds of the anthraquinone series. 2,350,381; Oct. 3.
Perkins, Melvin A., and D. X. Klein, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyes of the anthraquinone series. 2,364,475; Dec. 5.
Perkins, Ralph P., assignor to The Dow Chemical Company, Midland, Mich. Preparation of alicyclic-alkyl halides. 2,355,586; Aug. 8.
Perkins, Ralph P., and F. Bryner, assignors to The Dow Chemical Company, Midland, Mich. Preparation of phenol-ketone condensation products. 2,359,242; Sept. 26.
Perkins, Stuart L., et al., executors. (See Perkins, Hiram A.)
Perkins, Walter L., Spencer, Mass. Bobbin for winding thread on fish lures. 2,338,353; Jan. 4.
Perkins, Willard T. (See Harvey, J. E., and Perkins.)
Perkins, Willard T., Irondequoit, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Projector. 2,344,263; Mar. 14.
Perkins, Willard T., Irondequot, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Optical instrument. 2,364,811; Dec. 12.
Perley, George A., Wyncote, assignor to Leeds and Northrup Company, Philadelphia, Pa. Salt-bridge tube and producing it. 2,345,498; Mar. 28.
Perlman, Abraham J., Brooklyn, N. Y. Removable partition carrier for bottles. 2,357,129; Aug. 29.
Periuss, Desider, and E. Balász, Budapest, Hungary; vested in the Alien Property Custodian. Device for extracting coffee and/or tea. 2,345,146; Mar. 28.
Permutit Company, The. (See Brice, Norman E., assignor.)
Permutit Company, The. (See Brittin, Wesley E., assignor.)
Permutit Company, The. (See Gurney, William B., assignor.)
Permutit Company, The. (See Pick, Eric, assignor.)
Permutit Company, The. (See Susanan, Sidney, assignor.)
Pernert, John C., assignor to Oldbury Electro-Chemical Co., Niagara Falls, N. Y. Treatment of phosphorous. 2,359,243; Sept. 26.
Pernhall, William P., Atlantic City, N. J. Atomizer. 2,351,226; June 13.
Pero, John M., Randolph, and N. Daniels, Malden, Mass. Binder for shoe uppers. 2,350,185; May 30.
Perosa Corporation. (See Adamoli, Carlo, assignor.)
Perquin, Johannes N. J., Teddington, England, assignor to Shell Development Company, San Francisco, Calif. Sulphur corrosion in cracking. 2,361,149; Oct. 24.
Perrault, Ainslee. (See Perrault, Lewis, assignor.)
Perrault, Ainslie, et al. (See Horrigan, Joseph R., assignor.)
Perrault Brothers. (See Horrigan, Joseph R., assignor.)
Perrault, Lewis, et al. (See Horrigan, Joseph R., assignor.)
Perrault, Lewis, assignor of one-half to Ainslee Perrault, Tulsa, Okla. Pipe coating and wrapping. 2,344,264; Mar. 14.
Perreca, Virginia M., assignor of fifty-one percent to B. Viola, Detroit, Mich. Terminal clip. 2,360,974; Oct. 24.
Perret, Henri, Zug, Switzerland, assignor to Landis & Gyr, A-G. Arc-extinguishing circuit breaker. 2,347,331; Apr. 25.
Perriches, André A. (See Hadekel, R., and Perriches.)
Perricone, Joseph, Brooklyn, N. Y. Vehicle recorder. 2,348,499; May 16.
Perrin, René, Paris, France; vested in the Alien Property Custodian. Purifying metal. 2,356,529; Aug. 22.
Perry, Austin L., et al. (See Creamer, Norman G., assignor.)
Perry, Donald B., Maplewood, N. J., assignor to American Telephone and Telegraph Company. Teletypewriter system. 2,350,186; May 30.
Perry, Donald E., assignor to MacClatchie Manufacturing Company of California, Compton, Calif. Line blind. 2,354,967; Aug. 1.

Perry, George H., Brooklyn, N. Y., assignor to Airtress Corporation of America. Pneumatic cushion. 2,343,996; Mar. 14.
Perry, George H., Brooklyn, N. Y., assignor to Airtress Corporation of America. Pneumatic mattress. 2,345,421; Mar. 28.
Perry, George H., Brooklyn, N. Y., assignor to Airtress Corporation of America. Pneumatic cushion. 2,360,715; Oct. 17.
Perry, George A., Royal Oak, assignor to Carboloy Company, Inc., Detroit, Mich. Drying plastic material. 2,362,302; Nov. 7.
Perry, Landis H., Glendale, Calif. Liquid control valve. 2,365,105; Dec. 12.
Perry, Nelson L., Chicago, Ill. Fluid drive. 2,350,416; June 6.
Perry, Rex W., Hinsdale, Ill. Food conveyer. 2,338,734; Jan. 11.
Perry, Robert M., Coeur D'Alene, Idaho. Cartridge pouch. 2,346,185; Apr. 11.
Perry, Stanley. (See Hayter, B., and Perry.)
Perry, Stanley, Chicago, Ill., assignor to Oil Devices, Santa Fe, N. Mex. Pot-type burner with hollow pilot. 2,346,781; Apr. 18.
Perry, Stanley, Chicago, Ill., assignor to Oil Devices, Santa Fe, N. Mex. Heat responsive means for controlling the air supply to liquid fuel burners. 2,350,920; June 6.
Perry, Stanley, Chicago, Ill., assignor to Oil Devices, Santa Fe, N. Mex. Valve operated motor controlling switch. 2,353,498; July 11.
Perry, Stanley, Chicago, Ill., assignor to Oil Devices, Santa Fe, N. Mex. Burner observation means for heaters. 2,355,466; Aug. 8.
Perry, William E. (See Arnold, M. H. M., and Perry.)
Perry, William R., assignor to Reeves Pulley Company, Columbus, Ind. Fluid control for speed varying transmissions. 2,346,868; Apr. 18.
Perry, William R., assignor to Reeves Pulley Company, Columbus, Ind. Spliceable belt. 2,358,534; Sept. 19.
Perry, Winthrop L. (See Abbott, E. J., and Perry.)
Person, Earl R., Leominster, Mass., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of toothed articles. 2,338,735; Jan. 11.
Person, Edward, Brooklyn, N. Y., assignor to General Felt Products Inc. Apparatus for coating webs. 2,355,673; Aug. 15.
Personal Products Corporation, The. (See Knight, William M., assignor.)
Persons, Charles A., assignor to Persons-Majestic Manufacturing Company, Worcester, Mass. Resilient cycle saddle. 2,347,061; Apr. 18.
Persons, Lawrence M., St. Louis, Mo. Fabricated compensated capillary element. 2,363,140; Nov. 21.
Persons-Majestic Manufacturing Company. (See Persons, Charles A., assignor.)
Persson, Henry, assignor to H. S. P. Marine Inc., Bloomfield, N. J. 2,356,349; Aug. 22.
Pertics, Ernest R., Lapaz, Ind. Dental hand piece. 2,363,141; Nov. 21.
Pertwee, Kenneth S. G. (See Chaston, J. C., and Pertwee.)
Pescara, Mario G. P., Philadelphia, Pa. Fuel tank for airplanes. 2,354,701; Aug. 1.
Pesco Products Co. (See Holt, Ray G., assignor.)
Pesco Products Co. (See Lauck, John A., assignor.)
Pesco Products Co. (See Pasco, George E., assignor.)
Pesco Products C. (See Phillips, Michael J., assignor.)
Pesco Products Co. (See Roth, J. M., and Burns, assignors.)
Pesco Products Co. (See Roth, J. M., and Wichorek, assignors.)
Pesco Products Co. (See Wichorek, Edmund F., assignor.)
Peskin, Leonard C., Shaker Heights, Ohio, assignor to The American Steel and Wire Company. Bearing for rope stranding machines. 2,363,260; Nov. 21.
Pessel, Leopold, Philadelphia, Pa., assignor to Radio Corporation of America. Soldering flux. 2,361,867; Oct. 31.
Pesznecker, Stephen P., Portland, Oreg. Vegetable and fruit graders. 2,356,945; Aug. 29.
Petch, Horace F., New Barnet, England. Oil seal. 2,350,697; June 6.
Peter, Albin, Basel, assignor to Sandoz A. G., Fribourg, Switzerland. Acylamines of the anthraquinone series and their manufacture. 2,359,673; Oct. 3.
Peter, Leslie H. (See Stevens, S. A., and Peter.)
Peter, Leslie H., and S. A. Stevens, London, England, assignors, by mesne assignments, to The Union Switch and Signal Company, Swissvale, Pa. Alternating current rectifier apparatus of the dry surface contact type. 2,345,499; Mar. 28.
Peter, William J., assignor to Aqua Systems Incorporated. New York, N. Y. Fuel handling pit box. 2,361,494; Oct. 31.
Peterkin, Albert G., Bryn Mawr, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Producing gasolines. 2,347,216; Apr. 25.
Peterman, Earl A. (See Davis, John H., assignor.)
Peterman, Theodore A., Tacoma, Wash. Resilient wheel mounting. 2,360,619; Oct. 17.
Peters, Albert P., et al. (See Selby, Dwight E., assignor.)

Peters, Alyard G., Rockport, assignor to Peter's Fuel Injection, Inc., Seattle, Wash. Fuel injector for internal-combustion engines. 2,359,487; Oct. 3.

Peters, Ambrose A. and H. W., Milwaukee, Wis.; H. Peters, administratrix of said A. A. Peters, deceased. Beverage production. 2,346,389; Apr. 11.

Peters, Arthur E. (See Blum, G. K., and Peters.)

Peters, Arthur H., Glencoe, assignor to American Ironing Machine Co., Algonquin, Ill. Ironing machine. 2,358,824; Sept. 26.

Peters, Carl E., assignor to B–L Electric Manufacturing Company, St. Louis, Mo. Battery charger. 2,354,877; Aug. 1.

Peters, Clifford M., assignor to Oil Lift Supply Company, Gregston, Tex. Gas lift valve. 2,342,301; Feb. 22.

Peters, Franklin T., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of N alkyiol amides. 2,357,283; Sept. 5.

Peters, Fredus N., Evanston, and E. G. Rupp, assignors to The Quaker Oats Company, Chicago, Ill. Vitaminizing fluid. 2,356,350; Aug. 22.

Peter's Fuel Injection, Inc. (See Peters, Alyard G., assignor.)

Peters, George E., and L. E. Russell, assignors to Peters and Russell, Inc., Springfield, Ohio. Exhaust pipe extension. 2,355,674; Aug. 15.

Peters, Gerhard, Frankfort-on-the-Main, Germany; vested in the Alien Property Custodian. Exterminating agent for vermin. 2,344,105; Mar. 14.

Peters, Harry C., Shorewood, assignor to The T. L. Smith Company, Milwaukee, Wis. Concrete mixer. 2,338,820; Jan. 11.

Peters, Helene, administratrix. (See Peters, Ambrose A. and H. W.)

Peters, Herbert W. (See Peters, Ambrose A. and H. W.)

Peters, Jacob C., Jenkintown, and I. M. Stein, assignors to Leeds and Northrup Company, Philadelphia, Pa. Telemetric system. 2,362,661; Nov. 14.

Peters, John G. (See Smith, H. G., Cantrell, and Peters.)

Peters, Kurt, Ludwigshafen-on-the-Rhine, Germany; vested in the Alien Property Custodian. Catalytic conversion of hydrocarbons. 2,356,611; Aug. 22.

Peters, Leo., Chicago, Ill. Packaging and mixing plastics. 2,347,640; May 2.

Peters, Lester J., Portland, Oreg. Setworks. 2,342,967; Feb. 29.

Peters, Melville F., Beltsville, Md., and D. Ingalls, Westfield, N. J., assignors to Titeflex, Inc. Ventilated radio-shielded spark plug. 2,350,367; June 6.

Peters, Melville F., Beltsville, Md., and F. I. McCarthy, New York, N. Y. Spark plug. 2,357,602; Sept. 5.

Peters, Melville F., Beltsville, J. P. Boston, Garrett Park, Md., and H. M. Taylor, Dayton, Ohio. Ice detector. 2,359,787; Oct. 10.

Peters, Norman J., assignor to Damrow Brothers Company, Fond du Lac, Wis. Cheese pressing apparatus. 2,362,089; Nov. 7.

Peters, Norman J., assignor to Damrow Brothers Company, Fond du Lac, Wis. Cheese trier. 2,362,090; Nov. 7.

Peters, Otto A., Toledo, Ohio. Hot-air furnace. 2,348,569; May 9.

Peters, Otto A., assignor to Willys-Overland Motors, Inc., Toledo, Ohio. Control for riveting devices. 2,364,750; Dec. 12.

Peters, Peter P., Waynesburg, Ohio. Stoker. 2,348,494; May 9.

Peters, Robert I. (See Hopkins, G. E., Dow, and Peters.)

Peters and Russell, Inc. (See Peters, G. E., and Russell, assignors.)

Peters, Stanley E., Chicago, Ill. Gas generating apparatus. 2,353,926; July 18.

Peters, Tom J., Chicago, Ill. Doorsill for electric furnaces. 2,347,792; May 2.

Peters, Vladimir, Lakewood, assignor to The Lincoln Electric Company, Cleveland, Ohio. Arc welding material. 2,360,716; Oct. 17.

Peters, Wilhelm, Berlin, Germany; vested in the Alien Property Custodian. Arrangement to raise the breakdown strength of insulators. 2,343,078; Feb. 29.

Petersen, Alfred, Chicago, Ill. Lifting tongs. 2,350,528; June 6.

Petersen, Allen P., Hutchinson, Minn. Clamp. 2,343,699; Mar. 7.

Petersen, Hans. (See Bradley, H. L., and Petersen.)

Petersen, Hans, assignor to Continental Machines, Incorporated, Minneapolis, Minn. File band support for filing machines. 2,361,791; Oct. 31.

Petersen, Hans, assignor to Continental Machines, Incorporated, Minneapolis, Minn. Work guiding and feeding attachment for band saws. 2,363,745; Nov. 28.

Petersen, Henry O., Jackson, Mich. Massaging apparatus. 2,360,975; Oct. 24.

Petersen, Ove, Gentofte, near Copenhagen, and M. Lindberg-Nielsen, Copenhagen, Denmark; vested in the Alien Property Custodian. Internal combustion engine with cross-head. 2,344,364; Mar. 14.

Petersen, Siegfried, Leverkusen-Schlebusch, and K. Taube, Leverkusen-I. G. Werk, Germany; vested in the Alien Property Custodian. Preparation of high molecular cellulose derivatives. 2,355,326; Aug. 8.

Petersen, Thorkild, Elgin, Ill., assignor to Pure Milk Cheese Co. Cheese press. 2,347,793; May 2.

Petersen, Thorvald K. (See Peed, G. P., Jr., and Petersen.)

Petersen, Thorvald, assignor to Reed Manufacturing Company, Erie, Pa. Folding tripod. 2,343,924; Mar. 14.

Petersen, Walter C. (See Kuch, M. G., Petersen, Hartwig, and Livingston.)

Peterson, Adolphe C., Minneapolis, Minn. Coin controlled printing means. 2,345,286; Mar. 28.

Peterson, Amos, Berwyn, assignor to Club Aluminum Products Co., Chicago, Ill. Drip coffee maker. 2,359,936; Oct. 10.

Peterson, Angela M., Parkersburg, W. Va., and J. Schaeffers, Lakewood, Ohio. Doll. 2,362,662; Nov. 14.

Peterson, Burt A., assignor to Barber-Colman Company, Rockford, Ill. Winder. 2,363,988; Nov. 28.

Peterson, Carl D. (See Deimel, A. H., and Peterson.)

Peterson, Carl D., and A. H. Deimel, Toledo, Ohio. Balking ring clutch. 2,339,512; Jan. 18.

Peterson, Carl D., and A. H. Deimel, Toledo, Ohio. Power transmission mechanism. 2,357,284; Sept. 5.

Peterson, Carl D., and A. H. Deimel, Toledo, Ohio. Transmission mechanism. 2,360,976; Oct. 24.

Peterson, Carl D., and E. J. Barth, Toledo, Ohio. Gear shifting mechanism. 2,362,925; Nov. 14.

Peterson, Carl D., and A. H. Deimel, Toledo, Ohio. Synchronizing clutch. 2,363,746; Nov. 28.

Peterson, Carl H., and W. V. Moren, Worcester, Mass., assignors to The American Steel and Wire Company of New Jersey. Method and apparatus for forming wire entanglements. 2,349,750; May 23.

Peterson, Clarence J., assignor to The Eimco Corporation, Salt Lake City, Utah. Purification of sugar juices. 2,348,846; May 16.

Peterson, Conrad E., Auburndale, and G. L. Olson, Arlington, Mass. Tool support. 2,366,050; Dec. 26.

Peterson, Conrad E., Auburndale, and G. L. Olson, Arlington, Mass. Tool support. 2,366,051; Dec. 26.

Peterson, Carl C., and L. V. Baumgart, Minneapolis, assignors to Home Heaters, Inc., Racine, Wis. Solid fuel burner. 2,364,913; Dec. 12.

Peterson, Edward S., Elmwood Park, Ill., assignor to Automatic Electric Laboratories, Inc. Telephone system. 2,340,554; Feb. 1.

Peterson, Edward T., Reading, Pa. Crushing machine. 2,343,322; Mar. 7.

Peterson, Edward T., Reading, Pa. Rolling mill. 2,344,166; Mar. 14.

Peterson, Edward T., Reading, Pa. Rolling mill. 2,354,771; Aug. 1.

Peterson, Edward T., Reading, Pa. Rolling mill. 2,364,386; Dec. 5.

Peterson, Floyd C., assignor to The Dow Chemical Company, Midland, Mich. Converting water soluble cellulose ethers to sheet form. 2,364,028; Nov. 28.

Peterson, Frans H., Monroe, La. Photographic enlarging easel. 2,348,999; May 16.

Peterson, Frederick H., Watertown, assignor to The Patent Button Company, Waterbury, Conn. Machine for inspecting and sorting translucent moulded plastic buttons and the like. 2,351,702; June 20.

Peterson, Gerald A., assignor to Boeing Aircraft Company, Seattle, Wash. Airplane bomb hoist. 2,358,096; Sept. 12.

Peterson, Gordon T. (See Boyd, J. M., Clifcorn, and Peterson.)

Peterson, Harold A., Scotia, N. Y., assignor to General Electric Company. Transformer system. 2,339,103; Jan. 11.

Peterson, Harold A., Scotia, N. Y., assignor to General Electric Company. Electric power transmission system. 2,348,026; May 2.

Peterson, Harold O., Riverhead, N. Y., assignor to Radio Corporation of America. Auxiliary power supply. 2,341,238; Feb. 8.

Peterson, Harold O., Riverhead, N. Y., assignor to Radio Corporation of America. Frequency control. 2,341,649; Feb. 15.

Peterson, Harold O., Riverhead, N. Y., assignor to Radio Corporation of America. Frequency modulation receiver. 2,349,881; May 30.

Peterson, Harold O., Riverhead, N. Y., assignor to Radio Corporation of America. Frequency control. 2,354,827; Aug. 1.

Peterson, Harold O., Riverhead, N. Y., assignor to Radio Corporation of America. Monitoring receiver. 2,358,028; Sept. 12.

Peterson, Howard B., San Francisco, Calif., assignor to American Can Company, New York, N. Y. Closing machine. 2,351,633; June 20.

Peterson, John H., Silver City, Iowa. Brake mechanism. 2,362,303; Nov. 7.

Peterson, Joseph A. (See Saul, J., Olsen, and Peterson.)

Peterson, Lowell E. (See Huebner, E. W., and Peterson.)

Peterson, Norman R., Seattle, Wash. Antitorpedo shield. 2,356,691; Aug. 22.

Peterson, Oscar, Eden, Idaho. Caster wheel means for agricultural machines. 2,339,582; Jan. 18.

Peterson, Oscar R., Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Clutch unit. 2,361,120; Oct. 24.

Peterson, Oscar R., and F. H. Stevens, Peoria, Ill., assignors to R. G. Le Tourneau, Inc., Stockton, Calif. Fluid pressure controlled clutch. 2,351,876; June 20.

Peterson, Otto N., Flint, assignor to General Motors Corporation, Detroit, Mich. Alloy steel article. 2,360,271; Oct. 10.

Peterson, Ralph F. (See Batcheider, G. W., and Peterson.)

Peterson, Ralph F. (See Chapman, F. F., Peterson, and Woodbury.)

Peterson, Richard, Wanpaca, Wis. Staple extractor. 2,351,705; June 20.

Peterson, Robert A. (See Farr, H. T., and Peterson.)

Peterson, Rolland E., Gary, Ind. Centrifugal blasting machine. 2,363,437; Nov. 21.

Peterson, Roswald, assignor to Dayton Rogers Manufacturing Co., Minneapolis, Minn. Cushion blanking die. 2,355,556; Aug. 8.

Peterson, Ruben O., South Euclid, assignor to The Osborn Manufacturing Company, Cleveland, Ohio. Rotary brush. 2,345,422; Mar. 28.

Peterson, Seth E., Bogota, Colombia, assignor to Automatic Electric Laboratories, Inc. Telephone system. 2,340,555; Feb. 1.

Peterson, Seth E., Bogota, Colombia, and V. A. Johnson, Evanston, assignors to Automatic Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,341,879; Feb. 15.

Peterson, Victor W., and O. J. Maha, assignors to Hannifin Manufacturing Company, Chicago, Ill. Riveting. 2,338,736; Jan. 11.

Peterson, Victor W., and F. J. Daley, assignors to Hannifin Manufacturing Company, Chicago, Ill. Cylinder honing. 2,342,599; Feb. 22.

Peterson, Victor W., and O. J. Maha, assignor to Hannifin Manufacturing Co., Chicago, Ill. Press and the like. 2,348,439; May 9.

Peterson, Walker F., and A. U. Walter, assignor to Quiet Flow Devices, Inc., Baltimore, Md. Water-flow silencer. 2,346,542; Apr. 11.

Peterson, Walker F., and A. U. Walter, assignor to Quiet Flow Devices, Inc., Baltimore, Md. Valve and actuator assembly. 2,346,543; Apr. 11.

Peterson, Wesley Rasmus, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Treatment for polyamides. 2,348,751; May 16.

Peterson, Wesley R., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of polymer. 2,364,387; Dec. 5.

Peterson, Willard D. (See Vittum, P. W., and Peterson.)

Peterson, Willard D. (See Vittum, P. W., Peterson, and Porter.)

Peterson, Willard D., assignor to Eastman Kodak Company, Rochester, N. Y. Diketopyrimidine coupler. 2,350,812; June 6.

Peterson, Willard D., Easton, Pa., assignor to Eastman Kodak Company, Rochester, N. Y. Preventing crystallization of couplers. 2,353,262; July 11.

Peterson, Willard D., assignor to Eastman Kodak Company, Rochester, N. Y. Color photography using metallic salt coupler compounds. 2,353,754; July 18.

Peterson, William B. Jr., assignor to Pacific Can Company, San Francisco, Calif. Apparatus for internally coating ringlike objects. 2,348,495; May 9.

Peterson, William R., Oswego, assignor to St. Regis Paper Company, New York, N. Y. Bag filling apparatus with gravity discharge. 2,339,942; Jan. 25.

Peterson, William R., Oswego, N. Y., assignor to St. Regis Paper Company, New York, N. Y. Filling valve bags. 2,345,287; Mar. 28.

Peterson, William R., Oswego, assignor to St. Regis Paper Company, New York, N. Y. Bag-filling apparatus with power discharge. 2,350,529; June 6.

Pethes, Theodore J., Jr., Elmwood Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Electromagnetic device. 2,355,237; Aug. 8.

Petit, Laurence A., Chicago, Ill. Carbon pack for manifold typewriters. 2,343,796; Mar. 7.

Petke, Frederick E. (See Kienle, R. H., and Petke.)

Petkoff, Christ T., Kansas City, Mo. Boat propelling and steering apparatus. 2,359,382; Oct. 3.

Petracca, Eleseo, Buffalo, N. Y. Rotatable display support. 2,345,147; Mar. 28.

Petri, Frederick W., Mahwah, N. J. Thermal container for liquids or solids. 2,338,455; Jan. 4.

Petrie, John L., assignor to Wheel Trueing Tool Company of Delaware, Detroit, Mich. Diamond dressing tool and determining diamond sizes therefor. 2,347,280; Apr. 25.

Petrilli, Harry E., assignor, by mesne assignments, to Atlas Engine Co., Inc., Wilmington, Del. Diesel engine. 2,353,065; July 4.

Petrilli, Santy C., Chicago, Ill., assignor to General Candy Corporation. Apparatus for coating candy. 2,347,164; Apr. 18.

Petro-Chem Development Company. (See Throckmorton, J. W., and Wallis, assignors.)

Petro-Chem Development Company. (See Wallis, J. S., and Throckmorton, assignors.)

Petro-Chem Process Company Incorporated. (See Throckmorton, John W., assignor.)

Petro-Chem Process Company Incorporated. (See Wallis, J. S., and Throckmorton, assignors.)

Petroe, Gregory A., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Method and apparatus for admitting chlorine to a liquid stream. 2,361,150; Oct. 24.

Petroleum Conversion Corporation. (See Sheppard, Bruce, assignor.)

Petroleum Instrument Corporation. (See Hurndall, John P., assignor.)

Petroleum Research Corporation. (See Howard, Roscoe D., assignor.)

Petrolite Corporation, Ltd. (See Allen, Gwynne, assignor.)

Petrolite Corporation, Ltd. (See Blair, Charles M., Jr., assignor.)

Petrolite Corporation, Ltd. (See Blair, C. M., Jr., and Lehmann, Jr., assignors.)

Petrolite Corporation, Ltd. (See De Groote, Melvin, assignor.)

Petrolite Corporation, Ltd. (See De Groote, M., and Keiser, assignors.)

Petrolite Corporation, Ltd. (See De Groote, M., Keiser, and Wirtel, assignors.)

Petrolite Corporation, Ltd. (See Lehmann, S., Jr., and Blair, assignors.)

Petrolite Corporation, Ltd. (See Roberts, Claudius H. M., assignor.)

Petrolite Corporation, Ltd. (See Waterman, Logan C., assignor.)

Petrolite Corporation, Ltd. (See Wirtel, Arthur F., assignor.)

Petrolite Corporation, Ltd. (See Wolfe, Halley, assignor.)

Petrone, Robert, Chicago, Ill. Stopper for nonrefillable receptacles. 2,351,257; June 13.

Petruccione, Alfred L. (See Petruccione, Max J. and A. L.)

Petruccione, Max J. and A. L., New York, N. Y. Combined pencil and first-aid kit. 2,354,402; July 25.

Petruccione, Vincenzo, Amsterdam, N. Y. Loom. 2,351,364; June 13.

Petrullo, John A., New York, N. Y. Sponge cup. 2,341,285; Feb. 8.

Petrullo, John A., New York, assignor to Arpy Laboratories, Inc., New York County, N. Y. Elastic connector. 2,338,966; Jan. 11.

Petter, John R., Pine Bluffs, assignor of one-tenth to G. W. Tellier, Little Rock, Ark. Demountable house. 2,345,500; Mar. 28.

Petter, Noel A., Los Angeles, Calif. Box-filler construction. 2,363,199; Nov. 21.

Pettibone Mulliken Corporation. (See Nordberg, Charles H., assignor.)

Pettigrove, John R., League City, Tex., assignor to Phillips Petroleum Company. Mud weighing device. 2,360,977; Oct. 24.

Pettijohn, Orpha G. (See Ward, G. E., Wickerham, Pettijohn, and Lockwood.)

Pettorossi, Joseph M., New York, assignor to Paper Novelty Mfg. Co., Brooklyn, N. Y. Tufted cord. 2,339,747; Jan. 18.

Pettorossi, Joseph M., New York, assignor to Paper Novelty Mfg. Co., Brooklyn, N. Y. Expanding ornament. 2,344,723; Mar. 21.

Petty, Olive S. (See Bazhaw, W. O., and Parr, assignors.)

Petty, Olive S. (See Binkley, Robert L., assignor.)

Petty, Olive S. (See Hasbrook, Arthur F., assignor.)

Petty, Olive S. (See Manzanera, Lorenzo, assignor.)

Petty, Olive S. (See Parr, Josephus O., Jr., assignor.)

Petty, Olive S. (See Reichert, Conrad, assignor.)

Petty, Olive S. (See Tolk, John F., assignor.)

Petty, Olive S., San Antonio, Tex. Magnetic seismometer. 2,348,225; May 9.

Petty, Olive S., San Antonio, Tex. Correlating seismographic curves. 2,348,411; May 9.

Petty, Olive S., San Antonio, Tex. Seismic surveying. 2,361,648; Oct. 31.

Petty, Olive S., San Antonio, Tex. Seismic surveying. 2,365,280; Dec. 19.

Petty, Olive S., San Antonio, Tex. Measuring instrument and method. 2,357,356; Sept. 5.

Petty, Roy J. (See Miller, R. E., and Petty.)

Petty, William E., Altoona, Iowa. Hen nest. 2,365,355; Dec. 19.

Petzinger, Ambrose J., Paterson, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical measuring device. 2,365,588; Dec. 19.

Peurrung, Joseph C., Cincinnati, Ohio. Dispensing carton. 2,342,968; Feb. 29.

Pevere, Ernest F. (See Clarke, L. A., Bruner, Pevere, and Hatch.)

Pevere, Ernest F. (See Goldsby, A. R., Pevere, Clarke, and Hatch.)

Pevere, Ernest F., Beacon, assignor, by mesne assignments, to The Texas Company, New York, N. Y. Conversion of hydrocarbons. 2,349,053; May 16.

Pevere, Ernest F., Beacon, assignor, by mesne assignments, to The Texas Company, New York, N. Y. Motor fuels. 2,361,054; Oct. 24.

Pevere, Ernest F., Beacon, L. A. Clarke, Fishkill, and G. B. Hatch and F. H. Bruner, Beacon, assignors, by mesne assignments, to The Texas Company, New York, N. Y. Alkylation of hydrocarbons. 2,346,452; Apr. 11.

Pew, Paul B., Garden City, and P. K. Rice, Kenmore, assignors to The Linde Air Products Company, New York, N. Y. Apparatus for dispensing gas material. 2,363,200; Nov. 21.

Pezzano, Joseph, Mariners Harbor, Staten Island, N. Y. Vehicle body and frame. 2,354,700; Aug. 1.

Pfaff, Henry C., Jr., East Orange, N. J. Radio antenna mast. 2,356,085; Aug. 15.

Pfaff, Peter, Berlin-Siemensstadt, and H. Benkert, Berlin-Charlottenburg, Germany; vested in the Alien Property Custodian. Temperature-responsive control mechanism, especially for refrigerating apparatus. 2,356,612; Aug. 22.

Pfalzgraff, Ross M. (See Denyssen, I. P., and Pfalzgraff.)

Pfannmüller, Wilhelm, Mannheim, and J. Reichart, Ludwigshafen-on-the-Rhine, Germany; vested in the Alien Property Custodian. Apparatus for carrying out catalytic gas reactions. 2,345,423; Mar. 28.

Pfanstiehl Chemical Company. (See Chandler, B., and Yuen, assignors.)

Pfanstiel, Robert. (See Haag, I. L., and Pfanstiel.)

Pfau, Arnold, Milwaukee, and T. B. Montgomery, Wauwatosa, assignors to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Hydraulic turbine control system. 2,343,223; Feb. 29.

Pfaudler Co., The. (See Gelsinger, E. E., and Goecke, assignor.)

Pfauser, Erward M., Elm Grove, assignor to Blackhawk Mfg. Co., Milwaukee, Wis. Pump assemblage. 2,348,412; May 9.

Pfeifer, Alfred G., New York, N. Y. Combination gauge. 2,345,424; Mar. 28.

Pfeiffer, Albert F., West Allis, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Diaphragm core blowing apparatus. 2,363,463; Nov. 21.

Pfeiffer, Conrad L., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Electrically heated soldering iron. 2,346,327; Apr. 11.

Pfeiffer, Elmer R., Sherman Township, Redwood County, E. A. Sodem, and F. Pfeiffer, Morton, Minn. Power take-off unloading attachment. 2,340,983; Feb. 8.

Pfeiffer, Fred. (See Pfeiffer, E. R., Sodem, and Pfeiffer.)

Pfeiffer, Joseph C., Louisville, Ky. Starling scaring device. 2,350,187; May 30.

Pfeiffer, Paul O., assignor to General Tire & Rubber Company, Akron, Ohio. Vehicle tire. 2,345,068; Mar. 28.

Pfeiffer, William C., assignor to The Egry Corporation, Dayton, Ohio. Means for handling continuous manifolding paper. 2,346,390; Apr. 11.

Pfeil, Melvin P., Cincinnati, Ohio. Contact printer. 2,357,541; Sept. 5.

Pfeil, Melvin P., Cincinnati, Ohio. Optical projection pointer. 2,357,542; Sept. 5.

Phelan, Louis A. M., Rockton, Ill. Freezing, hardening, and dispensing cabinet and container therefor. 2,361,649; Oct. 31.

Phelps, Harold E., Detroit, Mich., assignor to The Cerium Corporation, Chicago, Ill. Eliminating aluminate and silicate inclusions. 2,360,717; Oct. 17.

Pfennig, Reuben F., and C. R. Davis, Baytown, Tex., assignors to Standard Oil Development Company. Refining mineral oils. 2,339,875; Jan. 25.

Pfitzner, Helmut. (See Krsikalla, H., Dornheim, and Pfitzner.)

Pfizer, Charles, & Company. (See Kane, J. H., and Stuebner, assignors.)

Pfizer, Charles, & Company. (See Pasternack, R., and Regna, assignors.)

Pflager, Harry M., St. Louis, Mo., assignor to General Steel Castings Corporation, Granite City, Ill. Railway truck structure. 2,355,104; Aug. 8.

Pflager, Harry M., St. Louis, Mo., assignor to General Steel Castings Corporation, Granite City, Ill. Antiaircraft gun turret. 2,363,356; Nov. 21.

Pflager, Harry M., St. Louis, Mo., assignor to General Steel Castings Corporation, Granite City, Ill. Railway truck structure. 2,365,723; Dec. 26.

Pflager, Harry M., St. Louis, Mo., assignor to General Steel Castings Corporation, Granite City, Ill. Railway truck structure. 2,365,724; Dec. 26.

Pflager, Harry M., St. Louis, and E. C. Jackson, Clayton, Mo., assignors to General Steel Castings Corporation, Granite City, Ill. Railway truck. 2,344,522; Mar. 21.

Pflasterer, George R., Greenville, assignor to The Union Switch and Signal Company, Swissvale, Pa. Railway signaling system. 2,344,324; Mar. 14.

Pflasterer, George R., Greenville, assignor to The Union Switch and Signal Company, Swissvale, Pa. Light signal. 2,346,503; Apr. 11.

Pflasterer, George R., Greenville, assignor to The Union Switch and Signal Company, Swissvale, Pa. Light signal. 2,365,000; Dec. 12.

Pfleger, Kenneth W., Arlington, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Impulse repeater. 2,344,633; Mar. 21.

Pfleging, Carrie E., administratrix. (See Pfleging, Frank W.)

Pfleging, Frank W., deceased, by C. E. Pfleging, Omaha, Nebr., administratrix, assignor to The Union Switch and Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,352,800; July 4.

Pfleumer, Hans, New Brunswick, N. J., assignor to Rubatex Products, Inc., New York, N. Y. Shock absorbing and buoyant vest. 2,338,535; Jan. 4.

Pfleck, Rudolf, Nunchritz near Crossenhain, Germany; vested in the Alien Property Custodian. Apparatus for the absorption of gases in liquids. 2,356,530; Aug. 22.

Phantom Convoys, Inc. (See Embiricos, A. M., and Woodworth, assignors.)

Phares, Thomas E., assignor to Chambers Corporation, Shelbyville, Ind. Broiler. 2,339,422; Jan. 18.

Phelps, Byron E. (See Palmer, Ralph L., and Phelps.)

Phelps, Clyde H. (See Weaver, I. A., and Phelps.)

Phelps Dodge Corporation. (See Randolph, Frank M., assignor.)

Phelps, George H. (See Murray, T. E., and Phelps.)

Phelps, George H., Floral Park, N. Y. Welding. 2,354,173; July 18.

Phelps, Guy W., and H. C. Black, assignors to Industrial Patents Corporation, Chicago, Ill. Stabilization of fatty materials. 2,357,543; Sept. 5.

Phelps, Justin. (See Hagen, Henry, assignor.)

Phelps, Marshall C., East Orange, N. J. Decorative article. 2,362,092; Nov. 7.

Phelps, Ross H. (See Wahlberg, N. E., and Phelps.)

Phelps, Ross H., assignor to Nash-Kelvinator Corporation, Kenosha, Wis. Steering knuckle. 2,341,811; Feb. 15.

Phelps, Ross H., assignor to Nash-Kelvinator Corporation, Kenosha, Wis. Automotive suspension. 2,344,896; Mar. 21.

Phelps, Walter A., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Carrier current telegraph system. 2,347,332; Apr. 25.

Philadelphia Quartz Company. (See Baker, C. L., and Dedrick, assignors.)

Philadelphia Valve Company. (See Jensen, James A.)

Philbrick, George A., Cambridge, assignor to The Foxboro Company, Foxboro, Mass. Controller. 2,360,889; Oct. 24.

Philbrick, Raymond D., Ericson, Nebr. Pelt stretcher. 2,360,718; Oct. 17.

Philbrook, John N. (See Upson, M. M., and Philbrook.)

Philco Corporation. (See Jensen, Henry E., assignor.)

Philco Corporation. (See Quinn, Charles R., assignor.)

Philco Corporation. (See Rundell, Theodore W., assignor.)

Philco Radio and Television Corporation. (See Applegarth, Alexander R., Jr., assignor.)

Philco Radio and Television Corporation. (See Barth, Jay E., assignor.)

Philco Radio and Television Corporation. (See Bingley, Frank J., assignor.)

Philco Radio and Television Corporation. (See Bradley, William E., assignor.)

Philco Radio and Television Corporation. (See Craig, Palmer M., assignor.)

Philco Radio and Television Corporation. (See Cranmer, R. S., and Pittman, assignors.)

Philco Radio and Television Corporation. (See Gilbert, Walter E., assignor.)

Philco Radio and Television Corporation. (See Green, Willard J., assignor.)

Philco Radio and Television Corporation. (See Grimes, David, assignor.)

Philco Radio and Television Corporation. (See Harman, Emil I., assignor.)

Philco Radio and Television Corporation. (See Heins, John J., Jr., assignor.)

Philco Radio and Television Corporation. (See McCoy, Claudius T., assignor.)

Philco Radio and Television Corporation. (See Smith, Newland F., Jr., assignor.)

Philco Radio and Television Corporation. (See Stephan, Ingo L., assignor.)

Philco Radio and Television Corporation. (See Thompson, Elmer O., assignor.)

Philco Radio and Television Corporation. (See Thompson, Milton L., assignor.)

Philco Radio and Television Corporation. (See Travis, Charles.)

Philip Carey Manufacturing Company. (See Greider, H. W., and Fasold, assignors.)

Philipp, Lawrence A., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,345,714; Apr. 4.

Philipp, Lawrence A., assignor to Nash Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,361,792; Oct. 31.

Philippsen, Mathew J., Richmond, assignor to Briggs Manufacturing Company, Detroit, Mich. Device for clamping metal bars or strips. 2,338,256; Jan. 4.

Philippsen, Nikolaus M., Tokyo, Japan; vested in the Alien Property Custodian. Regenerative coke oven. 2,350,813; June 6.

Phillas, Efstratios H., New York, N. Y. Motorless boat propeller. 2,348,027; May 2.

Phillips, Albert J., Plainfield, and A. A. Smith, Jr., Metuchen, N. J., assignors to American Smelting and Refining Company, New York, N. Y. Coating tin coated copper with indium. 2,348,358; May 9.

Phillips, Albert J., Plainfield, and H. B. Linford, Woodbridge, N. J., assignors to American Smelting and Refining Company, New York, N. Y. Electrodepositing indium. 2,358,029; Sept. 12.

Phillips, Arthur P., New York, and L. O. Randall, Tuckahoe, assignors to Burroughs Wellcome & Co., (U. S. A.), Inc., New York, N. Y. Quinoline substituted dihydropyridines. 2,359,329; Oct. 3.

Phillips, Benjamin, asignor to Phillips Pump and Tank Company, Cincinnati, Ohio. Tow bar. 2,340,273; Jan. 25.

Phillips, Burl P. (See Windham, R. H., and Phillips.)

Phillips, Chandler A., Blackwell, Okla. Photoflash photography camera. 2,351,834; June 20.

Phillips, Dwight M., Fullerton, assignor to Chikaan Tool Company, Brea, Calif. Swing joint. 2,354,416; July 25.

Phillips, Dwight M., Fullerton, assignor to Chikaan Tool Company, Brea, Calif. Swivel connection. 2,356,351; Aug. 22.

Phillips, Ellsworth B., Los Angeles, Calif. Collet chuck. 2,345,069; Mar. 28.

Phillips, Emery E., Pittsburgh, Pa., assignor to Bocji Corporation. Carbureting apparatus for internal combustion engines. 2,343,797; Mar. 7.

Phillips, Ernest D., Los Angeles, Calif. Lubricating device for closed bores or holes. 2,342,217; Feb. 22.

Phillips, Ewell C. (See Aspelin, L. L., Phillips, and Grey.)

Phillips, Frank, La Fayette, Ind. Sod cutter. 2,345,425; Mar. 28.

Phillips, Frederick W., Toronto, Ontario, Canada, assignor to Western Precipitation Corporation, Los Angeles, Calif. Discharge electrode structure for electrical precipitation apparatus. 2,362,716; Nov. 14.

Phillips, Harold F., Belmont, Mass. Bowling pin reconditioning apparatus. 2,344,365; Mar. 14.

Phillips, Harold F., Belmont, Mass. Rotatable article gripping chuck. 2,363,899; Nov. 28.

Phillips, Harold P., assignor to Hastings Manufacturing Company, Hastings, Mich. Processing split piston ring elements. 2,349,372; May 23.

Phillips, Harold P., assignor to Hastings Manufacturing Company, Hastings, Mich. Treating pistons. 2,354,275; July 25.

Phillips, Harold P., assignor to Hastings Manufacturing Company, Hastings, Mich. Regroove piston ring assembly and method. 2,365,725; Dec. 26.

Phillips, Harry, Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Coating machine. 2,352,656; July 4.

Phillips, Herbert L., Watertown, Mass. Photographic stand. 2,352,221; June 27.

Phillips, Horace M., Gastonia, N. C. Picker check for looms. 2,364,914; Dec. 12.

Phillips, John A., Oakland, Calif. Try-square attachment. 2,344,724; Mar. 21.

Phillips, Michael J., Cleveland, Ohio, assignor to Pesco Products Co. Accumulator. 2,339,876; Jan. 25.

Phillips, Montague A. (See Ewins, A. J., and Phillips.)

Phillips, Montague A., Romford, assignor to May & Baker Limited, Dagenham, Essex, England. Preparation of 4-acyl-amido-2-hydroxyphenylarsenoxides. 2,339,583; Jan. 18.

Phillips, Norman W. F. (See Pidgeon, L. M., and Phillips.)

Phillips, Office W., Maywood, Ill. Jar lifter. 2,359,439; Oct. 3.

Phillips, Paul A., Haverhill, Mass. Shoemaking. 2,356,268; Aug. 22.

Phillips Petroleum Company. (See Allen, John G., assignor.)

Phillips Petroleum Company. (See Auld, D. W., and Weber, assignors.)

Phillips Petroleum Company. (See Benz, George R., assignor.)

Phillips Petroleum Company. (See Benz, Lewis W., assignor.)

Phillips Petroleum Company. (See Bergen, Daniel E., assignor.)

Phillips Petroleum Company. (See Blaker, David G., assignor.)

Phillips Petroleum Company. (See Blaker, D. G., and Matuszak, assignors.)

Phillips Petroleum Company. (See Buddrus, E., and Hays, assignors.)

Phillips Petroleum Company. (See Buell, C. K., and Cooper, assignors.)

Phillips Petroleum Company. (See Carney, Samuel C., assignor.)

Phillips Petroleum Company. (See Chazanow, Sydney S., assignor.)

Phillips Petroleum Company. (See Coffman, Irving L., assignor.)

Phillips Petroleum Company. (See Conn, Miller W., assignor.)

Phillips Petroleum Company. (See Cook, William D., assignor.)

Phillips Petroleum Company. (See Crites, Wilbur J., assignor.)

Phillips Petroleum Company. (See Doan, Richard L., assignor.)

Phillips Petroleum Company. (See Downs, George F., assignor.)

Phillips Petroleum Company. (See Drennan, Harry E., assignor.)

Phillips Petroleum Company. (See Evans, R. D., and Montgomery, assignors.)

Phillips Petroleum Company. (See Fisher, Gordon H., assignor.)

Phillips Petroleum Company. (See Frey, Frederick E., assignor.)

Phillips Petroleum Company. (See Frey, F. E., and Hepp, assignors.)

Phillips Petroleum Company. (See Frey, F. E., and Snow, assignors.)

Phillips Petroleum Company. (See Frey, F. E., Snow, and Huppke, assignors.)

Phillips Petroleum Company. (See Fritsch, William J., assignor.)

Phillips Petroleum Company. (See Garretson, Owen L., assignor.)

Phillips Petroleum Company. (See Gerson, Gerhard, assignor.)

Phillips Petroleum Company. (See Gerson, G., and Byers, assignors.)

Phillips Petroleum Company. (See Gibson, James D., assignor.)

Phillips Petroleum Company. (See Goodson, L. B., Montgomery, and Henry, assignors.)

Phillips Petroleum Company. (See Guyer, Jesse A., assignor.)

Phillips Petroleum Company. (See Guyer, J. A., Molique, and Helmers, assignors.)

Phillips Petroleum Company. (See Hachmuth, Karl H., assignor.)

Phillips Petroleum Company. (See Halderson, Maxwell H., assignor.)

Phillips Petroleum Company. (See Hays, H. L., and Maher, assignors.)

Phillips Petroleum Company. (See Heath, Willis A., assignor.)

Phillips Petroleum Company. (See Hendrix, H. V., and Chapman, assignors.)

Phillips Petroleum Company. (See Henry, Robert W., assignor.)

Phillips Petroleum Company. (See Howick, Eugene G., assignor.)

Phillips Petroleum Company. (See Ibach, Gerald A., assignor.)

Phillips Petroleum Company. (See Jennings, Gerald P., assignor.)

Phillips Petroleum Company. (See Kerr, Arthur N., assignor.)

Phillips Petroleum Company. (See Kitsman, William L., assignor.)

Phillips Petroleum Company. (See Krugler, Allen D., assignor.)

Phillips Petroleum Company. (See Leonard, Ancel B., assignor.)

Phillips Petroleum Company. (See Lerch, W. B., Mathis, and Gatchell, assignors.)

Phillips Petroleum Company. (See MacSporran, Charles, assignor.)

Phillips Petroleum Company. (See Matuszak, Maryan P., assignor.)

Phillips Petroleum Company. See McWilliams, Lawrence M., assignor.)

Phillips Petroleum Company. (See Meyers, Charles O., assignor.)

Phillips Petroleum Company. (See Molique, Lawrence G., assignor.)

Phillips Petroleum Company. (See Montgomery, J. V., Goodson, and Henry, assignors.)

Phillips Petroleum Company. (See Morey, Glen H., assignor.)

Phillips Petroleum Company. (See Oberfell, George G., assignor.)

Phillips Petroleum Company. (See Pettigrove, John R., assignor.)

Phillips Petroleum Company. (See Piety, Raymond G., assignor.)

Phillips Petroleum Company. (See Pryer, Robert C., assignor.)

Phillips Petroleum Company. (See Pryor, Robert C., assignor.)

Phillips Petroleum Company. (See Reeves, W. B., and Utsinger.)

Phillips Petroleum Company. (See Reid, James A., assignor.)

Phillips Petroleum Company. (See Roach, W. W., and Vinyard, assignors.)

Phillips Petroleum Company. (See Rodgers, James H., assignor.)

Phillips Petroleum Company. (See St. Clair, Theodore A., assignor.)

Phillips Petroleum Company. (See Sandhofer, Arthur, assignor.)

Phillips Petroleum Company. (See Schulze, Walter A., assignor.)

Phillips Petroleum Company. (See Schulze, W. A., and Helmers, assignors.)

Phillips Petroleum Company. (See Schulze, W. A., and Hillyer, assignors.)

Phillips Petroleum Company. (See Schulze, W. A., and Lyon, assignors.)

Phillips Petroleum Company. (See Schulze, W. A., and Morris, assignors.)

Phillips Petroleum Company. (See Shea, Thomas V., assignor.)

Phillips Petroleum Company. (See Snow, Robert D., assignor.)

Phillips Petroleum Company. (See Storment, Joseph E., assignor.)

Phillips Petroleum Company. (See Swerdloff, William, assignor.)

Phillips Petroleum Company. (See Thomas, Rosswell W., assignor.)

Phillips Petroleum Company. (See Upham, John D., assignor.)

Phillips Petroleum Company. (See Whaley, Thomas H., Jr., assignor.)

Phillips Petroleum Company. (See Welling, Charles E., assignor.)
Phillips Petroleum Company. (See Wherry, Thomas C., assignor.)
Phillips Petroleum Company. (See Wolk, I. Louis, assignor.)
Phillips Petroleum Company. (See Wolk, I. L., and Upham, assignors.)
Phillips Pump and Tank Company. (See Phillips, Benjamin, assignor.)
Phillips, Ralph A., Hawthorne, assignor of one-half to M. L. Clopton, Los Angeles, Calif. Retractable core taking device. 2,357,907; Sept. 12.
Phillips, Stanley H., Stratford, assignor to The Warner Brothers Company, Bridgeport, Conn. Marking tool. 2,347,333; Apr. 25.
Phillips, Walter, Niagara Falls, N. Y. Artificial bait. 2,347,609; Apr. 25.
Phillips, Walter B. (See Cross, R., Phillips, and Cross.)
Phillips, Walter W., Selbyville, Del. Safety razor blade sharpener. 2,353,066; July 4.
Phillips, Willard D., and E. A. Van Fossen, assignors to J. M. Bash, Chicago, Ill. Degreaser with two sumps. 2,349,000; May 16.
Phillips, Willard D., and R. A. Van Fossen, Chicago, Ill. Degreasing apparatus. 2,349,001; May 16.
Phillips, Willard D., and R. A. Van Fossen, Chicago, Ill. Cover for degreaser cabinets. 2,351,704; June 20.
Phillips, Willard D., and R. A. Van Fossen, Chicago, Ill. Tumbling apparatus for degreasers. 2,362,155; Nov. 7.
Phillips, William A., London, England. Coastal and like defense unit. 2,338,354; Jan. 4.
Phillips, William A., London, England. Coastal and like defense unit. 2,338,355; Jan. 4.
Phinney, Robert M., and O. S. Field, assignors to General Railway Signal Company, Rochester, N. Y. Coded track circuit signaling system. 2,349,460; May 23.
Phinney, Robert M., and G. W. Davison, assignors to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. 2,355,327; Aug. 8.
Phinney, William E., Cambridge, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Apparatus for tempering soles. 2,346,328; Apr. 11.
Phinney, William E., Cambridge, assignor, by mesne assignments, to United Shoe Machinery Corporation, Boston, Mass. Tempering soles. 2,348,413; May 9.
Phipps, Charles A., Hartsdale, N. Y. Diffusion apparatus. 2,354,609; July 25.
Phipps, George S. (See Bouton, G. M., Phipps, and Schumacher.)
Phipps, John T., Huntington Park, assignor to S. R. Bowen Co., Huntington Beach, Calif. Jar. 2,344,725; Mar. 21.
Phipps, Nelson S., Leicester, Mass. Nursing bottle holder. 2,349,064; May 16.
Phipps, Orville, Denver, Colo., assignor to Central Mine Equipment Co., St. Louis, Mo. Drill bit. 2,339,104; Jan. 11.
Phipps, Orville, Denver, Colo., assignor to Central Mine Equipment Co., St. Louis, Mo. Mining drill. 2,341,237; Feb. 8.
Phoenix State Bank and Trust Company, administrator. (See Moore, Frederick T.)
Photo Reproducing Equipment Company. (See Paulas, John, assignor.)
Photographic Equipment, Inc. (See Walsh, C. L., Isaacs, and Mercur, assignors.)
Photoplating Company, The. (See Berg, Carlton T., assignor.)
Photostat Corporation. (See Caps, A. W., and Landrock, assignors.)
Photostat Corporation. (See Landrock, P., and Caps, assignors.)
Photoswitch Incorporated. (See Metcalf, Arthur G. B., assignor.)
Photoswitch Incorporated. (See Wolfner, William F., II., assignor.)
Piagneri, Umberto, San Francisco, Calif. Fire extinguisher. 2,351,365; June 13.
Piatt, William M., Durham, N. C. Septic tank. 2,364,472; Dec. 5.
Picard, Benjamin, and A. F. Ward, Cranston, R. I. Engraving machine. 2,361,234; Oct. 24.
Piccardo, Jack E. (See Armstrong, J. E., and Piccardo.)
Pichnich, Charles, assignor to Majestic Metal Specialties, Inc., Moosup, Conn. Cosmetic stick holder. 2,340,586; Feb. 1.
Pick, Eric, assignor to The Permutit Company, New York, N. Y. Water treating apparatus. 2,351,835; June 20.
Pick, Eric, East Rockaway, assignor to The Permutit Company, New York, N. Y. Turbidity detector. 2,361,235; Oct. 24.
Pickard, Paul S., Lakewood, Colo., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Plate-bending machine. 2,350,530; June 6.
Pickel, Frank D. (See Schaaf, K. H., and Pickel.)
Pickens, Homer H., Texarkana, Tex. Firearm. 2,345,003; Mar. 28.
Pickens, Madison D. (See Beckwith, G. M., and Pickens.)
Pickens, Madison D., assignor to Machine & Tool Designing Co., Inc., Philadelphia, Pa. Footwear. 2,343,701; Mar. 7.
Pickens, Madison D., and E. A. Pecker, assignors to Machine & Tool Designing Company, Philadelphia, Pa. Shoe. 2,343,700; Mar. 7.
Picker, Walter, Duesseldorf, Germany, assignor, by mesne assignments, to The Procter & Gamble Company, Cincinnati, Ohio. Production of fibrous products. 2,340,984; Feb. 8.
Picker X-Ray Corporation, Waite Manufacturing Division, Inc. (See Goldfield, Edwin R., assignor.)
Picker X-Ray Corporation, Waite Manufacturing Division, Inc. (See Goldfield, E. R., Schiring, and Stava, assignors.)
Picker X-Ray Corporation, Waite Manufacturing Division, Inc. (See Graves, Edward B., assignor.)
Pickering Carburetters Limited. (See Pickering, Charles G., assignor.)
Pickering, Charles G., Maidstone, assignor to Pickering Carburetters Limited, Westminster, London, England. Carburetor for internal combustion engines. 2,339,105; Jan. 11.
Pickering, Glenroy, Parkersburg, W. Va. Knife, fork, and spoon holder. 2,354,968; Aug. 1.
Pickering, Walter J. (See Lambert, Harry L., assignor.)
Pickett, Francis N., Tenterden, assignor to Ocean Salts Products Limited, London, England. Production of magnesium hydroxide. 2,366,052; Dec. 26.
Pickett, Oscar A., Newark, assignor to Hercules Powder Company, Wilmington, Del. Chewing gum material. 2,353,927; July 18.
Pickhaver, Lionel G., Chicago, Ill., assignor to General Electric Company. Gas-arc welding apparatus. 2,360,160; Oct. 10.
Pickles, John. (See Pickles, Robert and J.)
Pickles, Robert and J., Burnley, England. Protective cover applicable to the rims of metal shrapnel helmets and the like. 2,339,189; Jan. 11.
Pickney, Joseph J. (See Coffey, J. M., Pickney, and Grifeth.)
Pickwell, Glenn V., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Coupling. 2,343,079; Feb. 29.
Pidgeon, Lloyd M., Rockcliffe Park, Ontario, assignor, by mesne assignments, to Dominion Magnesium Limited, Toronto, Ontario, Canada. Apparatus for the recovery of volatilizable metals. 2,362,717; Nov. 14.
Pidgeon, Lloyd M., Rockcliffe Park, Ontario, assignor, by mesne assignments, to Dominion Magnesium Limited, Toronto, Ontario, Canada. Apparatus for recovering volatilizable metals. 2,362,718; Nov. 14.
Pidgeon, Lloyd M., Rockcliffe Park, and N. W. F. Philips, assignors to The Honorary Advisory Council for Scientific and Industrial Research, Ottawa, Ontario, Canada. Production of anhydrous magnesium chloride. 2,356,118; Aug. 15.
Pieper, George F., Milwaukee, Wis. Multiple rotary diesel engine. 2,352,403; June 27.
Pieper, Oscar H., deceased; Rochester Trust and Safe Deposit Company, Rochester, N. Y., executor. Equipment stand. 2,343,620; Mar. 7.
Pier, Mathias. (See Pier, M., and Kroenig, and Rank.)
Pier, Mathias, Heidelberg, and E. Donath, Mannheim, Germany; vested in the Alien Property Custodian. Production of motor fuels. 2,339,106; Jan. 11.
Pier, Mathias, Heidelberg, and Ernest Donath, Mannheim, Germany; vested in the Alien Property Custodian. Production of motor fuels. 2,339,107; Jan. 11.
Pier, Mathias, Heidelberg, W. Kroenig, and V. Rank, Ludwigshafen-on-the-Rhine, Germany; vested in the Alien Property Custodian. Manufacture of hydrocarbon oils. 2,339,108; Jan. 11.
Pier, Mathias, Heidelberg, and G. Free, Ludwigshafen-on-the-Rhine, Germany; vested in the Alien Property Custodian. Catalytic cracking of hydrocarbons. 2,343,472; Mar. 7.
Pierce, C. S., Company. (See Alger, Martin L., assignor.)
Pierce, Clayton B., assignor to Emerol Manufacturing Co., New York, N. Y. Automatic controlled fluid feeding system for internal combustion engines. 2,342,519; Feb. 22.
Pierce, Ernest E., Dallas, Tex. Door mounting. 2,353,263; July 11.
Pierce, Erold F. (See Browne, K. A., and Pierce.)
Pierce Governor Company. (See Benjamin, Walter E., assignor.)
Pierce, James B., Jr., deceased, Charleston, W. Va.; The First National Bank of Tampa, executor. Free-flowing barium carbonate and making same. 2,339,943; Jan. 25.
Pierce, James E., Bay City, Mich., assignor, by mesne assignments, to The Visking Corporation, Chicago, Ill. Making twisted multi-filament yarn. 2,352,861; July 4.
Pierce, John B., Foundation. (See Davison, Robert L., assignor.)
Pierce, John B., Foundation. (See Groeniger, William C., assignor.)
Pierce, John B., Foundation. (See O'Brien, Joseph F., assignor.)
Pierce, John B., Foundation. (See Stilwell, William E., Jr., assignor.)
Pierce, John B., Foundation. (See Strong, William E. S., assignor.)

Pierce, Lawrence, Edgewood, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric switch. 2,343,323; Mar. 7.
Pierce, Lyle L., near Seattle, assignor to Boeing Aircraft Company, Seattle, Wash. Storage rack for photo-templates. 2,348,414; May 9.
Pierce, Raymond C., Chicago, Ill. Brake arrangement. 2,359,788; Oct. 10.
Pierer, Heinz. (See Schubert, E., and Pierer.)
Pieron, Rudolph W., Beaver Dam, Wis. Outboard motor steering device. 2,365,490; Dec. 19.
Pierotti, Gino. (See Dunn, C. L., and Pierotti.)
Pierotti, Gino, and C. L. Dunn, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Extractive distillation. 2,341,812; Feb. 15.
Pierotti, Gino J., Albany, and C. L. Dunn, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Solvent extraction process. 2,360,861; Oct. 24.
Pierrepont, Donald, Chadderton, Oldham, England. Weighting mechanism for the drawing rollers of combing machines and other machines for the treatment of textile fibers. 2,339,513; Jan. 18.
Pierson, Charles F. (See Schwan, J. F., and Pierson.)
Pierson, Harold L., assignor to E. P. Reed & Co., Rochester, N. Y. Positioning means. 2,345,830; Apr. 4.
Pierson, Harold L., assignor to E. P. Reed & Co., Rochester, N. Y. Shoe sole and making the same. 2,345,831; Apr. 4.
Pierson, Harry H., Auburn, N. Y. Compact and portable underwater viewing device. 2,343,473; Mar. 7.
Pierson, Leslie C., Schenectady, N. Y., assignor to General Electric Corporation. Fluid actuated switch. 2,356,177; Aug. 22.
Pierson, Oscar E., Brooklyn, assignor to The Western Union Telegraph Company, New York, N. Y. Multi-channel telegraph system. 2,345,628; Apr. 4.
Pierson, Philip H., and W. W. Saunders, San Francisco, assignors to The Board of Trustees of The Leland Stanford Junior University, Palo Alto, Calif. Prismatic optical observer. 2,358,348; Sept. 19.
Pierson, Ralph C., Indianapolis, Ind., assignor to Union Carbide and Carbon Corporation. Poppet valve. 2,364,812; Dec. 12.
Pietrobon, Attil, assignor of one-half to J. F. Stine, Jr., Allentown, Pa. Vehicle opener. 2,350,250; May 30.
Piety, Raymond G., Bartlesville, Okla., assignor to Phillips Petroleum Company. Well surveying device. 2,347,794; May 2.
Piffath, Peter, Great Neck, N. Y. Compass. 2,358,589; Sept. 19.
Piggott, Henry A. (See Irving, F., and Piggott.)
Pignone, Joseph, Brooklyn, assignor to Universal Camera Corporation, New York, N. Y. Reflex camera. 2,356,880; Aug. 29.
Pihl, Eric A., and H. M. Ring, assignors to The Pullman Company, Chicago, Ill. Faceplate arrangement. 2,355,260; Aug. 8.
Pike, Carl L., East Saugus, Mass., assignor to General Electric Company. Dash damping system. 2,365,727; Dec. 26.
Pike, Eugene W., Union, N. J. Moistening device. 2,340,204; Jan. 25.
Pike, John E., assignor to Cream City Trimming Co., Inc., Milwaukee, Wis. Stretcher. 2,351,146; June 13.
Pike, Neal C., Wyoming, assignor to Carthage Mills Incorporated, Cincinnati, Ohio. Rug package. 2,357,908; Sept. 12.
Pike, Ralph E., Yeadon, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Metallic finish enamel. 2,343,925; Mar. 14.
Pike, Robert D., Pittsburgh, Pa. Production of carbonates. 2,343,080; Feb. 29.
Pike, Robert D., Pittsburgh, Pa. Production of sodium and potassium carbonates. 2,343,081; Feb. 29.
Pike, Robert D., Pittsburgh, Pa. Production of pure salts from trona. 2,346,140; Apr. 11.
Pike, Robert D., assignor to Harbison-Walker Refractories Company, Pittsburgh, Pa. Dead burned magnesia. 2,348,847; May 16.
Pike, Robert D., assignor to Harbison-Walker Refractories Company, Pittsburgh, Pa. Production of magnesium chloride from calcium chloride and dolomite. 2,357,130; Aug. 29.
Pike, Robert D., assignor to Harbison-Walker Refractories Company, Pittsburgh, Pa. Plaster and plaster product. 2,360,620; Oct. 17.
Pike, William W., Glendale, Ariz. Speed wrench. 2,365,839; Dec. 26.
Piker, Herbert M., assignor to The Hamilton Metal Products Company, Hamilton, Ohio. Lunch box. 2,349,751; May 23.
Pikl, Josef. (See Englemann, M., and Pikl.)
Pikul, Joseph H., West Newton, Mass. Sewing machine. 2,358,878; Sept. 26.
Pikul, Joseph H., West Newton, Mass. Buttonhole sewing machine. 2,359,330; Oct. 3.
Piland, William E., Portland, Oreg. Hand truck. 2,353,264; July 11.
Pilcher, J. V., Mfg. Co. (See Babbitt, John F., assignor.)
Pilcher, William S. (See Johnson, C. R., Pilcher, and Stanley.)
Pilkey, Orrin H., Chicago, Ill., assignor to The Guardite Corporation. Vacuum moistening system. 2,343,324; Mar. 7.
Pilkington Brothers Limited. (See Waldron, Frederic B., assignor.)
Pilling Chain Company. (See Lawson, Birdsall P., assignor.)
Pilling, Norman B., Westfield, and A. Wesley, Plainfield, N. J., assignors to The International Nickel Company, Inc., New York, N. Y. Nickel electrofiake pigment. 2,365,356; Dec. 19.
Pillsbury Flour Mills Company. (See Brown, R. O., and Harrel, assignors.)
Pillsbury Flour Mills Company. (See McDonald, Hugh, assignor.)
Piltz, Michael M., Halifax, Pa. Snowplow. 2,353,928; July 18.
Piluso, Sebastian, assignor to Liberty Cork Co., Inc., Jersey City, N. J. Manufacturing applicators or daubers. 2,346,782; Apr. 18.
Pinasza, Giosuè, Milan, Italy; vested in the Alien Property Custodian. Power hammer. 2,350,921; June 6.
Pinckney, Arthur S., Los Angeles, Calif. Device for dispensing strip material. 2,352,445; June 27.
Pincus, Alexis G., assignor to American Optical Company, Southbridge, Mass. Glass composition and making same. 2,359,789; Oct. 10.
Pindell, William M. (See Sandenburgh, George H., assignor.)
Pineo, Orrin W., Milo, Maine, assignor to American Cyanamid Company, New York, N. Y. High gain amplifier. 2,345,501; Mar. 28.
Pineo, Orrin W., Milo, Maine, assignor to American Cyanamid Company, New York, N. Y. Spectrophotometer antibacklash reduction drive. 2,358,097; Sept. 12.
Pines, Charles A. (See Bent, R. D., and Pines.)
Pines Engineering Company. (See Bower, Byron F., assignor.)
Pines, Herman. (See Ipatieff, V. N., and Pines.)
Pines, Herman, and V. N. Ipatieff, Riverdale, assignors to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 2,340,557; Feb. 1.
Pines, Herman, and R. C. Wackher, assignors to Universal Oil Products Company, Chicago, Ill. Manufacture of catalyst. 2,341,286; Feb. 8.
Pines, Herman, and V. N. Ipatieff, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of propane. 2,346,701; Apr. 18.
Pines, Herman, and H. S. Bloch, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of paraffins. 2,349,516; May 23.
Pines, Herman, and V. N. Ipatieff, assignors to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 2,356,001; Aug. 15.
Pines, Herman, and V. N. Ipatieff, Riverside, assignors to Universal Oil Products Company, Chicago, Ill. Production of cycloolefinic hydrocarbons and aromatic hydrocarbons. 2,366,126; Dec. 26.
Pinkel, Benjamin, Hampton, Va. Heat exchanger. 2,342,164; Feb. 22.
Pinkerton, Clarence S., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Calorimetry of low quality combustible gas. 2,349,517; May 23.
Pinkerton, David W., Eustis, Fla. Mixing apparatus. 2,340,205; Jan. 25.
Pinkham, Henry P., and C. D. Ainsworth, Wollaston, Mass., assignors to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Circuit breaker. 2,357,603; Sept. 5.
Pinkney, Paul S., assignor to E. I du Pont de Nemours & Company, Wilmington, Del. Textile treatment. 2,350,188; May 30.
Pinnelli, Donato, Orange, N. J. Automatic safety stop. 2,343,474; Mar. 7.
Pinner, Walter L., assignor to Houdaille-Hershey Corportion, Detroit, Mich. Nickel plating using electrolytic nickel anodes. 2,358,995; Sept. 26.
Pinney, H. H. (See Smith, Lewis H., assignor.)
Pinney, H. H. (See Smith, L. H., and Williamson, assignors.)
Pinney, H. H. (See Williamson, Larkin R., assignor.)
Pinsker, Allan S. (See Berger, A. H., and Pinsker.)
Pinson, Abraham, Brooklyn, N. Y. Hatch cover. 2,343,833; Mar. 7.
Pinson, Abraham, Brooklyn, and C. V. Mayer, Jackson Heights, N. Y. Portable bleacher. 2,343,832; Mar. 7.
Pioneer Engineering Works, Inc. (See Berg, E. G., and Ovestrud, assignors.)
Pioneer Engineering Works, Inc. (See Guignard, U. O., and Schober, assignors.)
Pioneer Fanning Mill Company. (See Williams, William J., assignor.)
Pioneer Parachute Company. (See Smith, Floyd, assignor.)
Pioneer Parachute Company, Inc. (See Smith, Prevost F., assignor.)
Pioneer Specialty Company. (See Carlson, Emil, assignor.)
Piperoux, Rene P., Radburn, N. J., assignor to Celanese Corporation of America. Injection molding apparatus. 2,362,583; Nov. 14.
Pipkin, Marvin, Cleveland Heights, Ohio, assignor to General Electric Company. Flash lamp. 2,361,495; Oct. 31.

Pippin, James E., Fredonia, Kans. Swing. 2,358,098; Sept. 12.
Piret, Edgar L., St. Paul, and E. C. Ritchell, assignors to Regents of the University of Minnesota, Minneapolis, Minn. Meat process. 2,346,232; Apr. 11.
Piron, Emil H., assignor to Transit Research Corporation, New York, N. Y. Electric braking system. 2,350,636; June 6.
Piron, Emil H., assignor to Transit Research Corporation, New York, N. Y. Motor suspension and truck construction. 2,358,279; Sept. 12.
Pister, Christel, Drexel Hill, Pa., assignor to American Viscose Corporation, Wilmington, Del. Spinning bucket. 2,357,422; Sept. 5.
Pitar, Adolph, Brooklyn, N. Y. Game. 2,356,531; Aug. 22.
Pitcairn, Harold F., Bryn Athyn, assignor to Autogiro Company of America, Philadelphia, Pa. Hellcopter. 2,350,126; May 30.
Pitcairn, Harold F., Bryn Athyn, assignor to Autogiro Company of America, Willow Grove, Pa. Aircraft equipped with sustaining rotors. 2,352,342; June 27.
Pitcairn, Harold F., Bryn Athyn, assignor to Autogiro Company of America, Philadelphia, Pa. Sustaining rotor for aircraft. 2,352,404; June 27.
Pitkin, George P., Bergenfield, N. J., deceased; W. M. Pitkin, administratrix. Spinal anesthetic solution. 2,340,425; Feb. 1.
Pitkin, Roy S., Jr., Rochester, Minn. Headphone. 2,353,070; July 4.
Pitkin, Winifred M., administratrix. (See Pitkin, George P.)
Pitman, Henry L., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,344,167; Mar. 14.
Pitney-Bowes Postage Meter Co. (See Burckhardt, Alfred, assignor.)
Pitney-Bowes Postage Meter Co. (See Hanson, Walter J., assignor.)
Pitney-Bowes Postage Meter Co. (See Hanson, W. J., and Heyel, assignors.)
Pitney-Bowes Postage Meter Co. (See Knauer, Berthold, assignor.)
Pitney-Bowes Postage Meter Co. (See Rouan, F. J., and Knauer, assignors.)
Pitney-Bowes Postage Meter Company. (See Thatcher, Linden A., assignor.)
Pitney-Bowes Postage Meter Co. (See Thatcher, L. A., and Rouan, assignors.)
Pitney-Bowes Postage Meter Co. (See Wheeler, W. H., Jr., Thatcher, and Rouan, assignors.)
Pitometer Log Corporation. (See Holst, Knute A., assignor.)
Piton, Eugene, New York, assignor to The Patent Scaffolding Co. Inc., Long Island City, N. Y. Skeleton structure. 2,353,071; July 4.
Piton, Eugene, New York, assignor to The Patent Scaffolding Co. Inc., Long Island City, N. Y. Truck for moving skeleton frames for hut constructions. 2,353,072; July 4.
Piton, Eugene, New York, assignor to The Patent Scaffolding Co. Inc., Long Island City, N. Y. Metallic sill member for frames in building constructions. 2,353,073; July 4.
Piton, Eugene, New York, N. Y., J. Huck, Cresskil, N. J., and V. W. Meng, Hollis, assignors to The Patent Scaffolding Co., Inc., Long Island City, N. Y. Structural member. 2,346,391; Apr. 11.
Pitt, Frederick H. G., and H. Nagel, Wealdstone, Middlesex, England, assignors to Eastman Kodak Company, Rochester, N. Y. Feeding and severing strip material. 2,338,596; Jan. 4.
Pitt, William P., Union, N. J. Edge binding for sheet holder covers. 2,363,355; Nov. 21.
Pitt, William P., Union, N. J., assignor to Wilson-Jones Company, Chicago, Ill. Loose-leaf binder. 2,347,278; Apr. 25.
Pittman, Charles A., Jr. (See Cranmer, R. S., and Pittman.)
Pittman, Jesse A., Nashville, Tenn. Attachment for typewriters. 2,363,989; Nov. 28.
Pittman, Ralph R., Pine Bluff, Ark. Support for electric conductors. 2,343,576; Mar. 7.
Pittman, Ralph R., Pine Bluff, Ark. Temperature indicator. 2,350,637; June 6.
Pittman, Ralph R., Pine Bluff, Ark. Fuse construction. 2,356,352; Aug. 22.
Pittman, Ralph R., Pine Bluff, Ark. Thermally responsive device. 2,362,398; Nov. 7.
Pitts, Jesse E., Houston, Tex. Nozzle closure and cleaner. 2,364,164; Dec. 5.
Pitts, Thomas D., Glen Ridge, assignor to Toy Creations Inc., Jersey City, N. J. Toy bombsight and bomber. 2,359,383; Oct. 3.
Pittsburgh-Corning Corporation. (See Griffith, Lawrence O., assignor.)
Pittsburgh-Des Moines Company. (See De Vose, Rodney W., assignor.)
Pittsburgh-Des Moines Company. (See Jackson, James O., assignor.)
Pittsburgh-Des Moines Company. (See Jackson, J. O., and Stone, assignors.)
Pittsburgh Equitable Meter Company. (See Chrisman, Horace, assignor.)
Pittsburgh Equitable Meter Company. (See MacLean, A. D., Kindl, and Evans, assignors.)
Pittsburgh Equitable Meter Company. (See Whittaker, Alexander R., assignor.)
Pittsburgh Plate Glass Company. (See Adams, Frederick W., assignor.)
Pittsburgh Plate Glass Company. (See Allen, Edward M., assignor.)
Pittsburgh Plate Glass Company. (See Cady, George H., assignor.)
Pittsburgh Plate Glass Company. (See Fox, John H., assignor.)
Pittsburgh Plate Glass Company. (See Fox, J. H., and Lytle, assignors.)
Pittsburgh Plate Glass Company. (See Gage, Frederick, assignor.)
Pittsburgh Plate Glass Company. (See Gaunder, Wilbur F., assignor.)
Pittsburgh Plate Glass Company. (See Gerhart, Howard L., assignor.)
Pittsburgh Plate Glass Company. (See Gerhart, H. L., and Ellerman, assignors.)
Pittsburgh Plate Glass Company. (See Gregory, John J., assignor.)
Pittsburgh Plate Glass Company. (See Halbach, H. L., Campbell, and Koupal, assignors.)
Pittsburgh Plate Glass Company. (See Hall, Frank W., assignor.)
Pittsburgh Plate Glass Company. (See Jenkins, John D., assignor.)
Pittsburgh Plate Glass Company. (See Kelm, Laurence A., assignor.)
Pittsburgh Plate Glass Company. (See Keslar, Leroy D., assignor.)
Pittsburgh Plate Glass Company. (See Lycan, William H., assignor.)
Pittsburgh Plate Glass Company. (See Lycan, W. H., and Gerhart, assignors.)
Pittsburgh Plate Glass Company. (See Lytle, William O., assignor.)
Pittsburgh Plate Glass Company. (See Miller, Robert A., assignor.)
Pittsburgh Plate Glass Company. (See Moffett, E. W., and Smith, assignors.)
Pittsburgh Plate Glass Company. (See Muskat, Irving E., assignor.)
Pittsburgh Plate Glass Company. (See Muskat, I. E., and Ayres, assignors.)
Pittsburgh Plate Glass Company. (See Muskat, I. E., and Pechukas, assignors.)
Pittsburgh Plate Glass Company. (See Oakes, Alfred C., assignor.)
Pittsburgh Plate Glass Company. (See Owen, William, assignor.)
Pittsburgh Plate Glass Company. (See Painter, Frank F., assignor.)
Pittsburgh Plate Glass Company. (See Pechukas, Alphonse, assignor.)
Pittsburgh Plate Glass Company. (See Pollack, Maxwell A., assignor.)
Pittsburgh Plate Glass Company. (See Reis, Joseph J., Jr., assignor.)
Pittsburgh Plate Glass Company. (See Sherts, James H., assignor.)
Pittsburgh Plate Glass Company. (See Shomperlen, Albert L., assignor.)
Pittsburgh Plate Glass Company. (See Smith, Roy E., assignor.)
Pittsburgh Plate Glass Company. (See Strain, Franklin, assignor.)
Pittsburgh Plate Glass Company. (See West, George L., assignor.)
Pittsburgh Tag Company. (See Magidson, Frank, assignor.)
Piut, Stanley J., Glen Rickey, Pa. Aerial bomb projectile. 2,347,279; Apr. 25.
Pixler, Ralph E., Dayton, Ohio. Stock pusher. 2,364,813; Dec. 12.
Pixley, J. E. (See Bohan, Patrick J., assignor.)
Pizzi, Carlo, Alessandria, Italy; vested in the Alien Property Custodian. Preparing bales. 2,338,456; Jan. 4.
Place, Blon C., assignor of one-half to G. E. Gagnier, Detroit, Mich. Sheet metal nut. 2,342,690; Feb. 29.
Place, Blon C., assignor of one-half to G. E. Gagnier, Detroit, Mich. Fastener. 2,345,004; Mar. 28.
Place, Blon C., assignor of one-half to G. E. Gagnier, Detroit, Mich. Wide molding snap-on clip. 2,353,583; July 11.
Place, Palmer B., Tenafly, N. J., assignor to Combustion Engineering Company, Inc., New York, N. Y. Steam separator. 2,357,423; Sept. 5.
Place Process Inc. (See Place, Robert, assignor.)
Place, Robert, Boston, Mass., assignor to Place Process Inc., Glen Cove, N. Y. Producing animated cartoons. 2,351,634; June 20.
Place, Willard P., Penn Township, Allegheny County, assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for communication systems. 2,346,504; Apr. 11.
Place, Willard P., Penn Township, Allegheny County, assignor to The Union Switch & Signal Company, Swissvale, Pa. Signal system using phase modulation. 2,349,987; May 30.

Place, Willard P., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Speed responsive apparatus. 2,364,751; Dec. 12.
Placek, Adolph, Philadelphia, Pa. Evaporating liquids and apparatus for carrying out the same. 2,349,002; May 16.
Placke, Everett H., assignor to The National Cash Register Company, Dayton, Ohio. Accounting machine. 2,351,541; June 13.
Plagemann, Werner, and W. Wemhöner, Berlin, Germany; vested in the Alien Property Custodian. Screw-threading machine. 2,342,817; Feb. 29.
Planche, Benjamin E., Ville-franche-sur-Saone, France; vested in the Alien Property Custodian. Gas compressing plant. 2,350,815; June 6.
Planeta, Anthony. (See Planeta, Paul H., assignor.)
Planeta, Paul H., assignor to Anthony Planeta, Linden, N. J. Support. 2,350,922; June 6.
Planiol, René. (See Mercier, P. E., and Planiol.)
Plant Rubber & Asbestos Works. (See Abrahams, S. A., Lewon, and Collonge, assignors.)
Plante, Anna C., executrix. (See Plante, Arthur N.)
Plante, Arthur N., deceased, Torrington, Conn.; A. C. Plante, executrix. Sheet metal structure. 2,358,415; Sept. 19.
Plantfeber, Jacobus M. (See Woods, H. A., and Plantfeber.)
Plas-Matic, Inc. (See Larsson, Samuel A., assignor.)
Plastaras, James C., Laurelton, N. Y., assignor to Mergenthaler Linotype Company. Typographical casting machine. 2,340,342; Feb. 1.
Plastaras, James C., Laurelton, N. Y., assignor to Mergenthaler Linotype Company. Typographical composing machine. Re. 22,443; Feb. 22.
Plastic Coating Corporation, The. (See Householder, G., and Shearer, assignors.)
Plastic Engineering Corporation. (See Salemme, William C., assignor.)
Plastic Inlays, Inc. (See Larmour, James J., assignor.)
Plastic Inlays, Inc. (See Wainman, Thomas, assignor.)
Plastic Metals, Inc. (See Buehl, Russell C., assignor.)
Plastic Research Engineering Division of Victory Manufacturing Co. (See de Swart, Jan, assignor.)
Plastic Veneering, Inc. (See Bright, Elvin M., assignor.)
Plate, Robert T., assignor, by mesne assignments, to R. T. Plate, doing business as Curly Lox Products, Detroit, Mich. Hair curler. 2,362,399; Nov. 7.
Plati, John T. (See Strain, W. H., Plati, and Warren.)
Platkin, Daniel, Los Angeles, Calif. Combined toaster and cooker. 2,358,996; Sept. 26.
Platkin, Daniel, Los Angeles, Calif. Liquid container with receptacle for refrigerant. 2,362,223; Nov. 7.
Platner, Loyd D., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Training device. 2,344,454; Mar. 14.
Platt, Haviland H., New York, N. Y., assignor to Rotary Research Corporation, Philadelphia, Pa. Rotative-winged aircraft. 2,366,692; Aug. 22.
Platt, Haviland H., New York, N. Y., assignor to Rotary Research Corporation, Philadelphia, Pa. Helicopter. 2,364,096; Dec. 5.
Platt, Stephen A., Nutley, assignor to Wilbur B. Driver Company, Newark, N. J. Bar grinding apparatus. 2,347,503; Apr. 25.
Platt, Stephen A., Nutley, assignor to Wilbur B. Driver Company, Newark, N. J. Bar-grinding apparatus. 2,347,639; Apr. 25.
Platt, William C., Ontario, assignor to California Fruit Growers Exchange, Los Angeles Calif. Recovering values from citrus fruit. 2,354,578; Aug. 1.
Platz, Elwood T. (See Frank, W. H., and Platz.)
Platz, Elwood T., assignor to Bulldog Electric Products Company, Detroit, Mich. Switch. 2,343,264; Mar. 7.
Platz, Elwood T., assignor to Bulldog Electric Products Company, Detroit, Mich. Switch. 2,361,564; Oct. 31.
Platz, Elwood T., assignor to Bulldog Electric Products Company, Detroit, Mich. Multipolar circuit breaker. 2,362,850; Nov. 14.
Plaut-Carcasson, George V., Ham, England. Navigational instrument. 2,338,536; Jan. 4.
Plax Corporation. (See Bailey, James, assignor.)
Plax Corporation. (See Bailey, J., and Jesionowski, assignors.)
Plax Corporation. (See Kopitke, William H., assignor.)
Pleak, Carroll D., Greensburg, Ind. Submarine rescue and escape mechanism. 2,338,597; Jan. 4.
Pleasant, Herman E., Grand Rapids, and F. M. Keller, assignors to Crampton Manufacturing Company, Holland, Mich. Valve actuating lever. 2,364,314; Dec. 5.
Pleasantaire Corporation of America. (See Roper, Richard F., assignor.)
Plechner, Walter W., Metuchen, and J. M. Jarmus, East Orange, N. J., assignors to National Lead Company, New York, N. Y. Hydrolysis. 2,344,265; Mar. 14.
Plecki, Frank. (See Bilek, F. J., and Plecki.)
Plehn, Henry M., Brooklyn, N. Y. Shoulder strap construction. 2,363,017; Nov. 21.
Plensler, Alexander W. (See Dunn, W. L., and Plensler.)
Plensler, Alexander W., assignor to Belmont Radio Corporation, Chicago, Ill. Electric motor. Re. 22,549; Sept. 26.
Plensler, Alexander W., assignor to Belmont Radio Corporation, Chicago, Ill. Control apparatus. 2,342,691; Feb. 29.
Plessey Company Limited, The. (See da Costa, Harry, assignor.)
Plessey Company Limited, The. (See Say, Alan W., assignor.)
Pletcher, John W., Jr. (See Anders, Roy, assignor.)
Pletz, S. R. (See Nelson, Lawrence, Jr., assignor.)
Plewes, Argyle C., South Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Purification of ethers of diethylene glycol. 2,346,783; Apr. 18.
Plexico, Samuel H. (See Holland, S. O., Roberts, and Plexico.)
Pliskow, Julius C. (See Odin, Arthur S., assignor.)
Ploetz, Ernst. (See Ulrich, H., Ploetz, and Ferrares.)
Ploetz, Ernest. (See Ulrich, H., Ploetz, and Nold.)
Plosky, Saul, New York, N. Y. Ear clip. 2,354,610; July 25.
Plumadore, Henry W., Springfield, T. Collins, Jr., Westfield, and J. Oakley, Springfield, assignors to Perkins Machine and Gear Company, West Springfield, Mass. Work holding device. 2,347,710; May 2.
Plumb, Robert F. (See Kosky, J. F., and Plumb.)
Plumley, Richard G., Glenbrook, Conn., assignor to Crown Fastener Corporation, Warren, R. I. Automatic lock slider. 2,345,883; Apr. 4.
Plumley, Richard G., Glenbrook, Conn., and F. E. Lohse, Barrington, assignors to Crown Fastener Corporation, Warren, R. I. Treatment of plastic bead chains and the like. 2,356,002; Aug. 15.
Plummer, Robert K., and L. M. Hamlet, Minneapolis, and T. A. Blank, Rochester, Minn. Game apparatus. 2,364,814; Dec. 12.
Plummer, William B., assignor to Standard Oil Company, Chicago, Ill. Processing well fluids. 2,342,165; Feb. 22.
Plummer, William B., assignor to Standard Oil Company, Chicago, Ill. Processing well fluids. 2,342,166; Feb. 22.
Plummer, William B., assignor to Standard Oil Company, Chicago, Ill. Residual fuel oils. 2,360,272; Oct. 10.
Plump, Ralph E. (See Brown, R. L., and Plump.)
Plunder, Franz, Annapolis, Md. Convertible life raft and boat. 2,348,570; May 9.
Plunkett, Roy J. (See Benning, A. F., Downing, and Plunkett.)
Plym, Lawrence J., assignor to The Kawneer Company, Niles, Mich. Window construction. 2,354,054; July 18.
Plymold Corporation. (See Goldman, Paul R., assignor.)
Pneumatic Scale Corporation, Limited. (See Everett, Arthur C., assignor.)
Pneumatic Scale Corporation, Limited. (See Howard, Stanley R., assignor.)
Pneumatic Scale Corporation, Limited. (See Hultin, Oscar H., assignor.)
Pneumatic Scale Corporation, Limited. (See Joplin, William A., assignor.)
Pneumatical Scale Corporation, Limited. (See Magnusson, Joseph, assignor.)
Pneumatic Scale Corporation, Limited. (See Murray, John L., assignor.)
Pneumatic Scale Corporation, Limited. (See Newey, William H., assignor.)
Pneumatic Scale Corporation, Limited. (See Patterson, William S., assignor.)
Pneumatic Scale Corporation, Limited. (See Robinson, George A., assignor.)
Pneumatic Scale Corporation, Limited. (See Ross, Norman S., assignor.)
Pneumatic Scale Corporation, Limited. (See Tozier, Edgar H., assignor.)
Pneumatic Scale Corporation, Limited. (See Vergobbi, John G., assignor.)
Pneumatic Scale Corporation, Limited. (See Vergobbi, Robert W., assignor.)
Pneumatic Scale Corporation, Limited. (See Weeden, Walter H., assignor.)
Pneumatic Scale Corporation, Limited. (See Yates, John, assignor.)
Poarch, Arthur E., Chicago, Ill., assignor to The Glidden Company, Cleveland, Ohio. Treating protein. 2,356,795; Aug. 29.
Pocahontas Fuel Company Incorporated. (See Schweickart, W. M., and Julyan, assignors.)
Poche, John M. (See Higgins, A. J., and Poche.)
Pochin, Alfred D. (See Shackleton, H., and Pochin.)
Podbielniak, Walter J., Chicago, Ill., assignor to B. B. Schneider. Low-temperature apparatus for analyzing fluids. 2,342,366; Feb. 22.
Podesta, John W., assignor to American Broach & Machine Co., Ann Arbor, Mich. Broaching machine. 2,343,420; Mar. 7.
Podesta, Lee P., Kenmore, N. Y. Hardness testing machine. 2,338,537; Jan. 4.
Podgurski, Michael. (See Brinker, Joseph M., assignor.)
Podolin, William, Bronx, N. Y. Transportable stage. 2,344,726; Mar. 21.
Podolsky, Leon, Pittsfield, assignor to Sprague Products Company, North Adams, Mass. Carbon-composition resistor. 2,347,795; May 2.
Podolsky, Leon, Pittsfield, assignor to Sprague Products Company, North Adams, Mass. Electrical resistor. 2,347,796; May 2.
Podschus, Ernst, Leverkusen, and G. Meder, Cologne-Oestheim, Germany; vested in the Alien Property Custodian. Manufacture of antimony trioxide pigments. 2,350,638; June 6.

Poesch, Gustave H. (See McLellan, W. G. and R. I., Field, and Poesch.)
Poesl, Christian N., Buffalo, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Heat treatment of textiles. 2,346,186; Apr. 11.
Poglein, Louis, assignor to McKee Glass Company, Jeanette, Pa. Combined glass dish and cover plate. 2,342,486; Feb. 22.
Pogue, Robert B., Orange, and M. N. Trainer, East Orange, N. J., assignors to American Brake Shoe Company. Braking apparatus. 2,352,222; June 27.
Pohl, Franz J., Hofheim, and W. Schmidt, Frankfort-on-the-Main-Hoechst, Germany; vested in the Alien Property Custodian. Preparing acetoacetic esters. 2,351,866; June 13.
Pohl, Wadsworth E., Los Angeles, assignor to Technicolor Motion Picture Corporation, Hollywood, Calif. Cinematographic masking. 2,348,496; May 9.
Pohl, Walter M. (See Kearney, E. J., Armitage, and Pohl.)
Pohle, Paul. (See Behnisch, R., and Pohle.)
Pohlexter, Richard G., Clayton, Mo. Photometer. 2,359,873; Oct. 10.
Poinsignon, Jean, Clermont-Ferrand, France; vested in the Alien Property Custodian. Device for supplying gaseous mixtures to internal combustion engines. 2,352,003; June 20.
Poinier, Robert W., Portland, Oreg. Spring support for motor vehicles. 2,352,446; June 27.
Poinier, Robert W., Portland, Oreg. Suspension for multi-wheel vehicles. 2,361,496; Oct. 31.
Poinier, Robert W., assignor to Willamette Iron & Steel Corporation, Portland, Oreg. Trailer axle. 2,349,373; May 23.
Poirier, Eddie. (See Holm, A. C., and Poirier.)
Poitras, Edward J., Jackson Heights, and J. D. Tear, Great Neck, assignors to Ford Instrument Company, Inc., Long Island City, N. Y. Transmission system. 2,343,386; Mar. 7.
Polak, James J., Asheville, assignor to American Enka Corporation, Enka, N. C. Manufacture of rayon. 2,348,415; May 9.
Polak, Joseph F. (See Allen, V. O., and Polak.)
Polan, Katz & Company. (See Levin, Joseph, assignor.)
Polar Ware Company. (See Vollrath, Andrew J., assignor.)
Polaroid Corporation. (See Blake, Robert P., assignor.)
Polaroid Corporation. (See Land, Edwin H., assignor.)
Polaroid Corporation. (See Mahler, Joseph, assignor.)
Polaroid Corporation. (See Miller, Gray, Jr., assignor.)
Polaroid Corporation. (See Young, Clinton J. T., assignor.)
Polvari, Mario M. (See Reenstierna, Gustaf L., assignor.)
Polhemus, John K., Binghamton, and B. W. Henrikson, Port Dickinson, assignors to General Aniline & Film Corporation, Binghamton, N. Y. Photographic printing device. 2,346,329; Apr. 11.
Polin, Herbert S., and A. I. Nerken, New York, N. Y.; said Nerkin assignor to said Polin. Coffee plastic process. 2,340,426; Feb. 1.
Polin, Herbert S., and A. I. Nerken, New York, N. Y.; said Nerken assignor to said Polin. Vulcanizing oil. 2,346,702; Apr. 18.
Polivka, George J., La Grange, Ill. Filter. 2,341,414; Feb. 8.
Polizzi, Joseph R., Los Angeles, Calif. Lock nut. 2,365,433; Dec. 19.
Polk, Louis F., assignor to The Sheffield Corporation, Dayton, Ohio. Ganging device and method. 2,356,003; Aug. 15.
Polk, Robert E., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Tone control for transmitters. 2,358,099; Sept. 12.
Poll, Stephen G. (See Coleman, J., and Poll.)
Pollack, Joseph O., Chicago, Ill. Brake. 2,338,201; Jan. 4.
Pollack, Joseph S. (See Anderson, R. G., and Pollack.)
Pollack, Leon, Brooklyn, N. Y., assignor to Polaroid Corporation, Cambridge, Mass. Making polarizing bodies. 2,346,784; Apr. 18.
Pollack, Maxwell A., Austin, Tex., assignor to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Esters of alpha chloroacrylic acid. 2,338,967; Jan. 11.
Pollack, Maxwell A., Akron, Ohio, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Treatment of allyl type halides. 2,349,752; May 23.
Pollack, Maxwell A., Akron, Ohio, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Acrylate polymers and producing the same. 2,361,055; Oct. 24.
Pollak Manufacturing Company. (See Markey, Roscoe I., assignor.)
Pollak Manufacturing Company. (See Markey, R. I., Herman, and Schaefer, assignors.)
Pollard, Anna E. R., Spokane, Wash. Packing. 2,363,688; Nov. 28.
Pollard, Ernest I., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Generator protection against leakage of cooler tubes. 2,347,062; Apr. 18.
Pollard, Ernest I., Wilkinsburg, and J. A. Benyak, Homeville, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Field winding for dynamoelectric machines. 2,347,063; Apr. 18.
Pollard, John H., assignor of one-half to A. S. Baron and one-half to R. Burdick, Dallas, Tex. Producing characters. 2,339,423; Jan. 18.
Pollard, Willard L., Evanston, Ill. Variable speed transmission. Re. 22,466; Apr. 4.
Pollard, Willard L., Evanston, Ill. Hydroplanetary transmission. 2,352,004; June 20.
Pollins, Minnie Wade, Savannah, Ga. Crocheted ladies' mesh hose and making the same. 2,360,890; Oct. 24.
Pollitz, Harold C., assignor to Iowa Manufacturing Company, Cedar Rapids, Iowa. Crusher. 2,352,970; July 4.
Pollock, Ben S., Fort Smith, Ark. Device for determining shrinkage in garments. 2,341,880; Feb. 15.
Pollock, Gordon B., South Laguna, Calif. Camera construction. 2,364,652; Dec. 12.
Pollock, Leo, New York, N. Y. Tool. 2,356,881; Aug. 29.
Pollock, Leo, New York, N. Y. Electric socket. 2,360,444; Oct. 17.
Pollock, Robert T., assignor to J. L. Sweeney, New York, N. Y. Typewriting machine. 2,343,926; Mar. 14.
Pollock, Robert T., New York, N. Y., assignor to Maguire Industries, Incorporated. Press. 2,359,674; Oct. 3.
Pollock, Robert T., and O. C. W. Henze, assignors to J. L. Sweeney, New York, N. Y. Escapement mechanism. 2,364,653; Dec. 12.
Pollock, Robert T., and O. C. W. Hens, assignors to J. L. Sweeney, New York, N. Y. Power control apparatus. 2,364,654; Dec. 12.
Polly, Orville L., Long Beach, and A. C. Byrns, Palos Verdes Estates, assignors to Union Oil Company of California, Los Angeles, Calif. Solvent extraction of mineral oils. 2,347,432; Apr. 25.
Polowe, David, Paterson, N. J. Navigation instrument. 2,352,405; June 27.
Polsen, Blanche H., et al. (See Polsen, S. D., and Nelson, assignors.)
Polsen, Samuel D., and S. H. Nelson, assignors of one-fourth to B. H. Polsen and one-fourth to M. P. Nelson, Bridgeport, Conn. Dispensing apparatus. 2,354,848; July 25.
Polsen, Samuel D., and S. H. Nelson, assignors of one-fourth to B. H. Polsen and one-fourth to M. P. Nelson, Bridgeport, Conn. Cup disposal system. 2,354,349; July 25.
Polson, Alexander D., McWatters, Quebec, Canada. Brake for hoist machinery. 2,355,749; Aug. 15.
Polson, Olin, Chicago, Ill. Lock. 2,350,244; Sept. 26.
Polson, William M., Minneapolis, Minn. Grinding machine. 2,342,889; Feb. 29.
Polydoroff, Wladimir J., Wilmette, Ill. Directional antenna system. 2,339,234; Jan. 11.
Polydoroff, Wladimir J., Wilmette, Ill. High-frequency ferroinductor. 2,354,331; July 25.
Polydoroff, Wladimir J., Wilmette, Ill. Loop antenna. 2,354,332; July 25.
Polymerization Process Corporation, The. (See Rubin, Louis C., assignor.)
Polyxor Chemical Co. (See Firber, Eduard, assignor.)
Polzer, Fridolin, assignor to The E. H. Hotchkiss Company, Norwalk, Conn. Staple feed mechanism for fastener applying machines. 2,342,818; Feb. 29.
Polzer, Fridolin, assignor to The E. H. Hotchkiss Company, Norwalk, Conn. Staple remover. 2,356,693; Aug. 22.
Ponath, William O., Richmond Hill, assignor to Eagle Pencil Company Inc., New York, N. Y. Indicating device for mechanical pencils. 2,339,514; Jan. 18.
Poncet, André F. H., Paris, France; vested in the Alien Property Custodian. Mercury ampere-hour meter. 2,356,613; Aug. 22.
Ponchaud, George C. (See Von Lauer, H., and Ponchaud.)
Poncher, Harold. (See Poncher, Jerry E. and H.)
Poncher, Jerry E. and H., Chicago, Ill. Rear-vision mirror. 2,338,780; Jan. 11.
Pond, Bertram P., River Forest, Ill., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Motor. 2,357,021; Aug. 29.
Pond, Bertram P., River Forest, Ill., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Pneumatic motor. 2,358,186; Sept. 12.
Pond, Clyde C., Shelbyville, Ind. Tool hanger. 2,352,406; June 27.
Pond, Leander N., assignor to Corning Glass Works, Corning, N. Y. Glass article handling apparatus. 2,355,597; Aug. 8.
Pond Lily Company, The. (See Edelstein, Oscar, assignor.)
Pond, Thomas C. (See Dinkfeld, A. M., and Pond.)
Pond, Thomas C. (See Vieweg, H. F., Cummins, and Pond.)
Ponder, Ray E., assignor to United Wood Heel Company, St. Louis, Mo. Surface finishing machine. 2,359,488; Oct. 3.
Pontecorvo, Bruno, assignor to Well Surveys, Incorporated, Tulsa, Okla. Method and apparatus for geophysical exploration. 2,349,753; May 23.
Pontecorvo, Bruno, and G. Swift, assignors to Well Surveys, Incorporated, Tulsa, Okla. Geophysical prospecting. 2,353,619; July 11.
Pontius, George W., III, assignor to Bendix Aviation Corporation, South Bend, Ind. Automatic gun selector. 2,355,179; Aug. 8.

Pontius, George W., III, South Bend, Ind., and S. L. Handy, Edwardsburg, Mich., assignors to Bendix Aviation Corporation, South Bend, Ind., Bypass valve. 2,340,489; Feb. 1.
Pontius, Peter A., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical connector. 2,340,078; Jan. 25.
Pookhir, George, Elmhurst, Long Island, and G. A. Rubissow, New York, N. Y. Torpedo controlling device. 2,341,287; Feb. 8.
Pool, Clarence, Rivera, Calif. Retainer ring for packing. 2,365,774; Dec. 26.
Pool, Stuart D. (See Millard, L. P., and Pool.)
Pool, William, Spondon, near Derby, England, assignor to Celanese Corporation of America. Production of staple fibre yarns and like products. 2,340,985; Feb. 8.
Pool, William O., Chicago, and R. H. Potts, La Grange, assignors to Armour and Company, Chicago, Ill. Preparation of amines. 2,358,030; Sept. 12.
Poole, Arthur B., Harwinton, Conn. Interval timer. 2,359,580; Oct. 3.
Poole, Foster M., Dallas, Tex. Measuring instrument. 2,348,643; May 9.
Poole, Frederick A., Barrington, assignor to Production Instrument Company, Chicago, Ill. Predetermined counter control. 2,346,869; Apr. 18.
Poole, Jesse V. Abington, assignor to The Puritan Manufacturing Company, Boston, Mass. Folder and cutter attachment for sewing machines. 2,354,476; July 25.
Poole, Lloyd C. (See Linsenmeyer, J. Z., and Poole.)
Poole, Lora E., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Tube coiling device. 2,339,424; Jan. 18.
Poole, Lora E., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Commutator riveting machine. 2,346,996; Apr. 18.
Poole, Lora E., and E. R. Fausset, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Armature assembling machine. 2,359,384; Oct. 3.
Poor & Company. (See Rodman, T. E., and Warr, assignors.)
Poor & Company. (See Warr, Harold G., assignor.)
Poorman, John E., Philadelphia, Pa. Grinding machine. 2,343,577; Mar. 7.
Pope, David M., assignor to Streator Mfg. Co., Streator, Ill. Furniture. 2,350,956; June 6.
Pope, Reymond H., Baton Rouge, La. Shoe retainer. 2,358,474; Sept. 19.
Pope, William C., Seattle, Wash. Cable slitting machine. 2,360,363; Oct. 17.
Popil, Mike R., Cleveland, Ohio. Bidet. 2,344,561; Mar. 21.
Popoff, John P., Milwaukee, Wis. Variable speed epicyclic gear transmission. 2,363,201; Nov. 21.
Popov, Vladimir, Prague, Bohemia; vested in the Alien Property Custodian. Weighing apparatus. 2,352,005; June 20.
Popp, Charles L., St. Clair, Mich., assignor to The Standard Products Company, Port Clinton, Ohio. Mold for plastic materials. 2,360,011; Oct. 10.
Popp, Harold I. (See Hickman, A. F., and Popp.)
Popp, Rudolf, assignor to McGill Manufacturing Company, Valparaiso, Ind. Electric switch. 2,344,788; Mar. 21.
Poppe, George W., Brooklyn, assignor to Equitable Paper Bag Co. Inc., Long Island City, N. Y. Producing album bag sections. 2,359,440; Oct. 3.
Popper, Catherine S. (See Stand, C. J., and Popper.)
Popper, Joseph, deceased, Brooklyn, N. Y., by R. H. Popper, administratrix. Advertising sign device. 2,363,438; Nov. 21.
Popper, Otto, Johannesburg, Transvaal, Union of South Africa. Vaginal pack device. 2,351,836; June 20.
Popper, Ruby H administratrix (See Popper, Joseph.)
Porcelain Insulator Corporation, The. (See Kenneally, Martin M., assignor.)
Porcelain Steels, Inc. (See Bodnar, Stephen T., and Gaines, assignors.)
Porcelain Steels, Inc. (See Meyers, E. H., and Gaines, assignors.)
Porcelain Steels, Inc. (See Murphy, Chalmer E., assignor.)
Porch, Howard L. (See Sells, O. S., and Porch.)
Porch, Howard L., Riverside, assignor to Food Machinery Corporation, San Jose, Calif. Coating spray control. 2,362,926; Nov. 14.
Poreau, Arthur W., Middletown, R. I., assignor to McCrosky Tool Corporation, Meadville, Pa. Toolholder. 2,353,116; July 4.
Porete Manufacturing Company. (See Cueni, C. P., and Walter, assignors.)
Porritt, William H., Chilcompton, near Bath, assignor to Becker Partington & Company Limited, Ludgate Hill, London, England. Washing of paper pulp and the like. 2,347,504; Apr. 25.
Porsche, Jules D., and R. H. Sifferd, assignors to Armour and Company, Chicago, Ill. Recovering bile pigments. 2,363,471; Nov. 21.
Porskievica, Anthony J., Atlantic Highlands, N. J., assignor to Vickers Incorporated, Detroit, Mich. Power transmission. 2,357,762; Sept. 5.
Porter, Carl W., Alexandria, Va. Impact wrench. 2,362,499; Nov. 14.
Porter, Carroll B., Metuchen, N. J., assignor to American Smelting and Refining Company, New York, N. Y. Treating tin hardhead to recover tin. 2,364,815; Dec. 12.
Porter, David B. (See Copeland, E. S., Porter, and Van Wyck.)
Porter, Edna, Los Angeles, Calif. Catheterization compact. 2,346,636; Apr. 11.
Porter, Edward H., Akron, Ohio. Austosled. 2,340,558; Feb. 1.
Porter, Frank, Syracuse, assignor to The Solvay Process Company, New York, N. Y. Dehydration of maleic acid. 2,340,490; Feb. 1.
Porter, Frank, Syracuse, assignor to The Solvay Process Company, New York, N. Y. Purification of phthalic anhydride. 2,349,518; May 23.
Porter, Frederic P., Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Torsional vibration damper. 2,343,421; Mar. 7.
Porter, Gilbert E., Hollywood, Calif. Power brake. 2,360,578; Oct. 17.
Porter, Harry L. (See Howard, D. K., Benckenstein, and Porter.)
Porter, Henry D. (See Vittum, P. W., Peterson, and Porter.)
Porter, Henry D., and A. Weissberger, assignors to Eastman Kodak Company, Rochester, N. Y. Acylimino pyrazolone couplers. 2,343,702; Mar. 7.
Porter, Henry D., and A. Weissberger, assignors to Eastman Kodak Company, Rochester, N. Y. Pyrazolone coupler for color photography. 2,343,703; Mar. 7.
Porter, Henry D., P. W. Vittum, and A. Weissberger, assignors to Eastman Kodak Company, Rochester, N. Y. Heterocyclic substituted imino-pyrozolone couplers. 2,343,704; Mar. 7.
Porter, Henry D., A. Weissberger, and P. W. Vittum, assignors to Eastman Kodak Company, Rochester, N. Y. Acylaminohydroxydiphenyl couplers. 2,346,080; Apr. 4.
Porter, Henry D., and A. Weissberger, assignors to Eastman Kodak Company, Rochester, N. Y. Forming sulphonic acid chlorides of couplers. 2,350,127; May 30.
Porter, Horace C., Philadelphia, Pa. Method of and mixture for coking. 2,359,581; Oct. 3.
Porter, James A., Baltimore, assignor to The Glenn L. Martin Company, Middle River, Md. Riveting peen extension. 2,338,869; Jan. 11.
Porter, Lawrence C., Cleveland Heights, Ohio, assignor to General Electric Company. Barrage beacon. 2,361,497; Oct. 31.
Porter, Leslie F., Hoboken, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Toll switchboard. 2,339,425; Jan. 18.
Porter, Ralph B., Johnstown, Pa. Method and apparatus for continuously casting metal. 2,338,781; Jan. 11.
Porter, Ralph E. (See Robinson, E. A., and Porter.)
Porter, Ralph E., East Orange, and J. Wolfson, Newark, assignors to National Oil Products Company, Harrison, N. J. Production of blown fatty materials. 2,361,793; Oct. 31.
Porter, Rotheus B., Jr., Stamford, Conn., assignor to Bennett Incorporated, Cambridge, Mass. Dispersions of thermoplastic hydrocarbons. 2,356,882; Aug. 29.
Porter, Thomas R., Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Method and instrument for measuring ultraviolet radiations. 2,349,754; May 23.
Porterfield, Arthur C. (See Benton, F. W., and Porterfield.)
Portnow, Moris, New York, N. Y. Moistureproof truss. 2,356,426; Aug. 22.
Portuondo, Aurelio, Camaguey, Cuba, assignor to Bethlehem Steel Company. Wrench. 2,358,249; Sept. 12.
Posada, Francisco D., Buenos Aires, Argentina. Float structure. 2,342,487; Feb. 22.
Poscavage, Joseph, and G. Ricall, Buffalo, N. Y. Aerial parachute bomb. 2,338,598; Jan. 4.
Posey, Frank E., Hamtramck, Mich. Shelter table. 2,348,416; May 9.
Post, Anah K., administratrix. (See Post, Claude L.)
Post, Carl B. (See Luerssen, G. V., and Post.)
Post, Claude L., deceased, Chicago, Ill.; A. K. Post, administratrix. Sheet feed. 2,363,357; Nov. 21.
Post, Howard A., Oakland, Calif. Flower holder. 2,346,870; Apr. 18.
Postal Telegraph-Cable Company (New York). (See Connery, A. F., and Coe, assignors.)
Poster, Fannie. (See Dresner, Emanuel, assignor.)
Poster Products Inc. (See Engert, Caspar F., assignor.)
Posthumus, Klaas, F. M. Penning E. G. Dorgelo and C. Verburg, Eindhoven, Netherlands; vested in the Alien Property Custodian. Electron discharge device. 2,347,797; May 2.
Poston, Howard R., Bridge, and P. C. Felkel, Myrtle Point, Oreg. Load weighing device for vehicles. 2,365,589; Dec. 19.
Posture Research Corporation. (See Alfreds, Torris H., assignor.)
Posture Research Corporation. (See Fields, F. D., and Wood, assignors.)
Posture Research Corporation. (See Jones, Arthur E., assignor.)
Posture Research Corporation. (See Wood, Glenn D., assignor.)

Posture Research Corporation. (See Wood, G. D., and Alfreds, assignors.)
Potash Company of America. (See Graham, Walton C., assignor.)
Potash Company of America. (See Weinig, Arthur J., assignor.)
Potlatch Forests, Inc. (See Bowling, Robert T., assignor.)
Potomac Engineering Corporation. (See Stafford, G. T., and Albach, assignors.)
Pottenda, George Oakland, Calif. Ground stake. 2,349,110; May 16.
Pott, August F., Zella-Mehlis, Thuringia, Germany; vested in the Alien Property Custodian. Calculating machine, cash register, or the like. 2,347,610; Apr. 25.
Pott, August F., Zella-Mehlis, Germany; vested in the Alien Property Custodian. Printing-calculating machine. 2,352,006; June 20.
Pott, August F., Zella-Mehlis, Germany; vested in the Alien Property Custodian. Controlling mechanism for accounting machines. 2,361,707; Oct. 31.
Potter, Albert T., assignor to Ainsworth Manufacturing Corporation, Detroit, Mich. Bomb shackle. 2,351,147; June 13.
Potter, Benjamin C. (See Crowley, T. D., and Potter.)
Potter, Earl C. (See Lowey, R. E., Potter, and Kilmer.)
Potter, Earl C. (See Wynne, L., and Potter.)
Potter, Earl C., assignor to Container Corporation of America, Chicago, Ill. Bottle wrapper. 2,342,600; Feb. 22.
Potter, Elsie, administratrix. (See Crowley, T. D., and Potter.)
Potter, Howell L., assignor to The Fafnir Bearing Company, New Britian, Conn. Bearing. 2,355,818; Aug. 15.
Potter, James A., Rutherford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Voltage regulated rectifying system. 2,356,269; Aug. 22.
Potter, John T., Brooklyn, N. Y. Multiple radio recorder. 2,342,167; Feb. 22.
Potter, John T. Brooklyn, N. Y. Multiple unit radio recorder. 2,344,562; Mar. 21.
Potter & Johnston Machine Company. (See Curtis, Myron S., assignor.)
Potter and Johnston Machine Company. (See Fuller, Alfred J., assignor.)
Potter, Rowland S., Brightford Heights, and J. M. Centa, assignors to Defender Photo Supply Co., Inc., Rochester, N. Y. Optical filter and producing same. 2,356,694; Aug. 22.
Potts, Ernest L. (See Verheul, M. M., Potts, and Lane.)
Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Telegraph printer. Re. 22,550; Sept. 26.
Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Selector apparatus. 2,338,131; Jan. 4.
Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Telegraphy. 2,339,292; Jan. 18.
Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Recording and auditing system. 2,339,803; Jan. 25.
Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Multiplex telegraph system. 2,339,804; Jan. 25.
Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Message tabulating apparatus and system. 2,341,568; Feb. 15.
Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Telegraph signal translating system. 2,348,146; May 2.
Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Selective signaling system and apparatus. 2,349,304; May 23.
Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Printing telegraph apparatus. 2,349,674; May 23.
Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Tape feed alarm. 2,351,229; June 13.
Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Electromagnetically controlled thermionic relay. 2,352,657; July 4.
Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Test signal transmitter. 2,353,584; July 11.
Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Speed regulation system. 2,357,285; Sept. 5.
Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Double regenerative repeater. 2,358,100; Sept. 12.
Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Keyboard telegraphy. 2,360,579; Oct. 17.
Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Telegraph system and printing apparatus. 2,360,580; Oct. 17.
Potts, Ralph H. (See Pool, W. O., and Potts.)
Potts, Roy C., Takoma Park, Md. Bendable fastener. 2,352,407; June 27.
Potts, Roy C., Takoma Park, Md. Two compartment box. 2,361,650; Oct. 31.
Potwin, Julian C., assignor to Pratt, Read & Company, Ivoryton, Conn. Piano action. 2,353,074; July 4.
Poulter, John W., assignor to Koehring Company, Milwaukee, Wis. Treatment of highway grade and subgrade materials. 2,363,018; Nov. 21.
Poulter, Thomas C., La Grange, Ill. Method and apparatus for fluid control. 2,342,890; Feb. 29.
Pounder, Donald W. (See Taylor, S. D., and Pounder.)
Poupin, Arthur, Santiago, Chile. Method and apparatus for the crushing of stone and ore. 2,361,121; Oct. 24.
Poupitch, Ougljesa J., assignor to Illinois Tool Works, Chicago, Ill. Screw and washer assembly machine. 2,343,798; Mar. 7.
Poupitch, Ougljesa J., assignor to Illinois Tool Works, Chicago, Ill. Fastener device. 2,351,065; June 13.
Poupitch, Ougljesa J., assignor to Illinois Tool Works, Chicago, Ill. Washer strip and method and apparatus for producing same. 2,352,118; June 20.
Poux, Noel J., Meadville, Pa., assignor to Talon, Inc. Machine for making fastener stringers. 2,356,086; Aug. 15.
Powell, Alric H., Yeadon, Pa., assignor to General Electric Company. Electric contact element. 2,340,682; Feb. 1.
Powell, Alric H., Yeadon, Pa., assignor to General Electric Company. Electric circuit-interrupting device. 2,343,224; Feb. 29.
Powell, Edward, Portland, Oreg. Vaccine injector. 2,345,070; Mar. 28.
Powell, Ernest S., St. Paul, Minn. Snow melting device. 2,364,315; Dec. 5.
Powell, George M., and W. H. McKnight, Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation. Stabilized vinyl resin coating. 2,343,997; Mar. 14.
Powell, Gordon F. W. (See Molins, D. W., Best, and Powell.)
Powell, Harry R., Seattle, Wash. Storage tank. 2,359,937; Oct. 10.
Powell, Henry K., assignor to Morris Paper Mills, Chicago, Ill. Bottleholder. 2,364,650; Dec. 12.
Powell, Henry K., assignor to Morris Paper Mills, Chicago, Ill. Bottleholder. 2,364,651; Dec. 12.
Powell, N. D. (See Staats, Gilson C., assignor.)
Powell, Raymond E., Westfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Welding apparatus. 2,343,998; Mar. 14.
Powell, Raymond E., Westfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Welding electrode. 2,351,230; June 13.
Powell, Winfred T., Brighton, assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Telephone intercept system. 2,344,634; Mar. 21.
Power, James F., South Bend, Ind. Bottle carrier. 2,353,846; July 18.
Power Research Corporation. (See Bowers, Thomas A., assignor.)
Powers Accounting Machines Limited. (See Baldwin, Richard E., assignor.)
Powers, Chester R. (See Henderson, C. L., and Powers.)
Powers, Donald H. (See Thackston, W. J., and Powers.)
Powers, Edward D., Queenston, Ontario, and A. M. Fennis, Niagara Falls, Ontario Canada. Apparatus for producing edible articles. 2,352,447; June 27.
Powers, Frank T., Glen Cove, N. Y. X-ray apparatus. 2,353,969; July 18.
Powers, Frank T., Glen Cove, N. Y. Plate whirler. 2,356,946; Aug. 29.
Powers, Frank T., Glen Cove, N. Y. X-ray cassette. 2,357,969; Sept. 12.
Powers, Frank T., Glen Cove, N. Y. Strip film. 2,358,590; Sept. 19.
Powers, Frank T., Glen Cove, N. Y. Cassette. 2,359,582; Oct. 3.
Powers, James H., Fort Wayne, Ind., assignor to General Electric Company. Case hardened malleable casting and making the same. 2,354,055; July 18.
Powers, John M. (See Russell, Phillip W., assignor.)
Powers, Kelly, Lagrange, Ind. Planter attachment. 2,355,393; Aug. 8.
Powers, Milton A., Detroit, Mich. Air heating apparatus and system. 2,338,356; Jan. 4.
Powers, Milton A., Detroit, Mich. Sheet glass manufacture. 2,342,891; Feb. 29.
Powers, Milton A., Detroit, Mich. Fabricating porous products. 2,365,902; Dec. 26.
Powers, Milton A., and N. H. Sutterfield, assignors to The Timken-Detroit Axle Company, Detroit, Mich. Liquid fuel burning apparatus. 2,360,891; Oct. 24.
Powers, Paul O., Manheim Township, Lancaster County, assignor to Armstrong Cork Company, Lancaster, Pa. Synthetic resin. 2,343,845; Mar. 7.
Powers, Paul O., Manheim Township, Lancester County, assignor to Armstrong Cork Company, Lancaster, Pa. Cold-molding composition. 2,365,491; Dec. 19.
Powers, Paul O., assignor to Armstrong Cork Company, Lancaster, Pa. Rosin-drying oil-modified phenol-formaldehyde resins. 2,345,357; Mar. 28.
Powers, Ralph O., Portland, Oreg. Fluid conduit closure. 2,365,001; Dec. 12.

Powers, Thomas C., Upper Darby, Pa. Awning. 2,350,251; May 30.
Powers, Walter H., Jackson, Mich, assignor to Walker Manufacturing Company of Wisconsin, Racine, Wis. Silencer. 2,357,791; Sept. 5.
Powers, Walter H., Jackson, Mich, assignor to Walker Manufacturing Company of Wisconsin, Racine, Wis. Silencer. 2,357,792; Sept. 5.
Powers, Walter P., Newark, assignor to Associated Patentees, Inc., Ampere, N. J. Optical indicator. 2,360,581; Oct. 17.
Powers, William J., Jr., Ilion, N. Y., and F. H. McBerty, Newark, Del., assignors to Remington Arms Company, Inc., Bridgeport, Conn. Turret conveyer. 2,345,884; Apr. 4.
Powley, Robert, & Sons Limited. (See Harley, Clifford B., assignor.)
Pownall, George L., Columbus, Ohio. Ice refrigeration and cube forming. 2,339,109; Jan. 11.
Pownall, Henry B. (See Soliug, S. P., and Pownall.)
Pownall, Henry B., York, Pa., assignor to York Corporation. Refrigeration. 2,344,214; Mar. 14.
Poynter, William B., Cincinnati, Ohio. Light control device. 2,356,178; Aug. 22.
Praeger, Frank H., Merion, assignor to Alcorn Combustion Company, Philadelphia, Pa. Convection section. 2,347,433; Apr. 25.
Praeger, Frank H., Merion, assignor to Alcorn Combustion Company, Philadelphia, Pa. Petroleum heater. 2,348,181; May 2.
Praeger, Frank H., Merion, assignor to Alcorn Combustion Company, Philadelphia, Pa. Supporting heater tubes. 2,355,892; Aug. 15.
Praeger, Melville, New York, N. Y. Partition construction. 2,338,870; Jan. 11.
Prafke, Irwin C. (See Newton, R. K., and Prafke.)
Prager, Frank D., assignor to Gruver Tank & Mfg. Co., Inc., East Chicago, Ind. Precipitation and coagulation. 2,353,358; July 11.
Prall, Gustav, New York, N. Y. Screw driver. 2,351,705; June 20.
Prall, John H. (See Pabst, A. C., and Prall.)
France, Alvin W., Royal Oak, assignor to Briggs Manufacturing Company, Detroit, Mich. Collapsible tube. 2,357,544; Sept. 5.
Prange, Horace L., Kalamazoo, Mich. Lens. 2,354,772; Aug. 1.
Prange, Maurice N., Detroit, Mich. Honing tool. 2,340,767; Feb. 1.
Pranger, Albert, and S. A. Guiberson, III, assignors to The Guiberson Corporation, Dallas, Tex. Packer for pressure drilling head. 2,356,947; Aug. 29.
Prassel, Victor, San Antonio, Tex. Vessel raising means. 2,361,868; Oct. 31.
Prat-Daniel Corporation. (See McBride, C. B., and Watson, assignors.)
Pratesi, Dino J., New Bedford, Mass. Thermometer reader. 2,351,455; June 13.
Prather, Asa P., and R. Russell, assignors of four-eighteenths to O. P. Prather, three-eighteenths to J. C. McKnight, and three-eighteenths to T. K. Shuff, Georgetown, Ky. Fire bomb. 2,351,635; June 20.
Prather, Grahnm P., Teaneck, N. J., assignor to Nichols Engineering & Research Corporation, New York, N. Y. Furnace construction. 2,349,755; May 23.
Prather, Otho P., et al. (See Prather, A. P., and Russell, assignors.)
Pratley, Henry H., deceased, Glendale, Calif.; California Trust Company, executor. Geophysical exploration. 2,364,655; Dec. 12.
Prats, Sidney N. (See Grandjean, L. H., Le Vasseur, and Prats.)
Pratt, Burt C., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Formaldehyde resin modified with a polyiso- or polyisothiocyanate. 2,349,756; May 23.
Pratt, Burt C., and H. S. Rothrock, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Modified drying oil. 2,358,475; Sept. 19.
Pratt, Carl D. (See Dildine, A., and Pratt.)
Pratt, Carl D. (See Hales, R. A., Almy, Young, and Pratt.)
Pratt, Carl D., Tamaqua, Pa., assignor to Atlas Powder Company, Wilmington, Del. Propellent fuel assembly. 2,362,927; Nov. 14.
Pratt, Charles A., assignor to Goodman Manufacturing Company, Chicago, Ill. Shaker conveyer. 2,358,416; Sept. 19.
Pratt, Donald C., Detroit, Mich. Paint applicator and stippler. 2,357,763; Sept. 5.
Pratt, George L., assignor to Motor Power, Inc., Atlanta, Ga. Charge forming system for internal-combustion engine with reuse of exhaust gases. 2,349,675; May 23.
Pratt, George L., assignor to Motor Power, Inc., Atlanta, Ga. Carbureting apparatus. 2,349,676; May 23.
Pratt, Harold C. (See Spangler, L. K., and Pratt.)
Pratt, Henry R. C., Halewood, near Liverpool, and G. O. Morris, Eccleston Lane Ends, near Prescot, England, assignors to Imperial Chemical Industries Limited. Manufacture of amines. 2,349,461; May 23.
Pratt, John W. (See Ricks, E., and Pratt.)
Pratt, Leland D. (See Clark, D. E., Pratt, Coleman, and Green.)
Pratt, Leonard C. (See Fuge, H. B., and Pratt.)
Pratt, Leonard C., Baldwin, N. Y., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Brush assembly for dynamoelectric machines. 2,350,968; June 6.
Pratt, Read & Company. (See Potwin, Julian C., assignor.)
Pratt, Read & Co. (See Stein, Charles F., assignor.)
Pratt, Verneur E., Norwalk, Conn., assignor to Microstat Corporation. Viewing apparatus. 2,350,189; May 30.
Pratt, Wentworth M., Los Angeles, Calif. Fluid-treating apparatus. 2,365,492; Dec. 19.
Pravda, Milton F., Bedford, assignor, by mesne assignments, to Jack & Heintz, Inc., Cleveland, Ohio. Electrical switch. 2,360,072; Oct. 10.
Pray, Henry A., Holden, assignor to Battelle Memorial Institute, Columbus, Ohio. Extending the life of electrolytic polishing baths. 2,348,359; May 9.
Pray, Henry A. Holden, and P. D. Miller, Columbus, assignors, by mesne assignments, to The Youngstown Sheet and Tube Company, Youngstown, Ohio. Applying protective coatings for metal. 2,343,225; Feb. 29.
Preble, Paul H., Concordia, Kans., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,339,944; Jan. 25.
Prebluda, Barney, et al. (See Levesque, Theodore J., assignor.)
Precision Metal Workers. (See Grunwald, Albert C., assignor.)
Precision Scientific Company. (See Van Guilder, Walter, assignor.)
Preco Incorporated. (See Wieden, Herbert J., assignor.)
Preece, David R., Tilney, Saskatchewan, Canada. Transplanter. 2,361,236; Oct. 24.
Preece, Eric, Hawthorne, N. J., assignor to Wright Aeronautical Corporation. Reinforced plastic cutter. 2,359,675; Oct. 3.
Preisman, Albert, Flushing, N. Y., assignor to Radio Corporation of America. Amplifying system. 2,344,727; Mar. 21.
Preiswerk, Ernst, Munchenstein, near Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Aqueous solution of lactoflavin. 2,349,986; May 30.
Preload Corporation, The. (See Arnold, T. E., and Dobell, assignors.)
Premo, Owen D., Muskegon Heights, Mich. Shaft milling and grinding machine. 2,355,750; Aug. 15.
Premo, Owen D., Muskegon Heights, Mich. Fishhook. 2,357,357; Sept. 5.
Prentice, James M., et al. (See Ellis, Clarence M., assignor.)
Prentice, William G., Indianapolis, Ind. Tire spreader. 2,364,242; Dec. 5.
Prentiss, Paul H. (See Lloyd, R. L., and Prentiss.)
Prescott, Everett J., Auburn, Mass. Sewer trap. 2,339,110; Jan. 11.
Press Association, Inc. (See Woloschak, Konstantin, assignor.)
Press Wireless, Inc. (See Sprague, Robert M., assignor.)
Pressed Steel Company Limited. (See Speed, Edmund, assignor.)
Pressed Steel Tank Company. (See Merker, H., and Newton, assignors.)
Presser, Eric A. P., East Chicago, Ind. Double acting kneader. 2,350,299; May 30.
Pressler, Ralph B., assignor to S. F. Bowser & Company, Incorporated, Fort Wayne, Ind. Change-speed mechanism. 2,364,915; Dec. 12.
Pressley, Jackson H., Marion, Ind., assignor to Farnsworth Television and Radio Corporation. Control mechanism for automatic phonographs. 2,345,684; Apr. 4.
Pressnall, Charles A., Elkhart, Ind., assignor to The Adlake Company, Chicago, Ill. Sash lock. 2,356,427; Aug. 22.
Presstite Engineering Company. (See Ferguson, W. C., and Smith, assignors.)
Preston, Charles I., Muskegon, assignor to Continental Motors Corporation, Detroit, Mich. Engine lubrication system. 2,339,805; Jan. 25.
Preston, Elliott. (See Glowacki, W. L., and Preston.)
Preston, Frank W., Butler, Pa. Forming of structural glass. 2,342,218; Feb. 22.
Preston, George A. (See Reid, R. B., and Preston.)
Preston, John E., Cincinnati, assignor to The American Laundry Machinery Company, Norwood, Cincinnati, Ohio. Folding and stacking machine and control therefor. 2,355,105; Aug. 8.
Preston, Neil D., assignor to General Railway Signal Company, Rochester, N. Y. Coded track circuit signaling system. 2,342,488; Feb. 22.
Preston, Neil D., assignor to General Railway Signal Company, Rochester, N. Y. Coded track circuit signaling system. 2,342,489; Feb. 22.
Preston, Neil D., assignor to General Railway Signal Company, Rochester, N. Y. Coded track circuit signaling system. 2,350,639; June 6.
Preston, Neil D., assignor to General Railway Signal Company, Rochester, N. Y. Coded track circuit signaling system. 2,357,545; Sept. 5.

Preston, Neil D., assignor to General Railway Signal Company, Rochester, N. Y. Coded track circuit signaling system. 2,357,546; Sept. 5.

Preston, Neil D., assignor to General Railway Signal Company, Rochester, N. Y. Coded track circuit signaling system. 2,362,156; Nov. 7.

Preston, Neil D. and F. B. Hitchcock, assignors to General Railway Signal Company, Rochester, N. Y. Switch and signal control system for railroads. 2,344,728; Mar. 21.

Pretorius, Ernest. (See Hauf, G. F., and Pretorius.)

Pretot, Armand V., Elberon, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Door or like unit. 2,342,490; Feb. 22.

Preuss, John, Memphis, Tenn. Barge. 2,346,505; Apr. 11.

Prewitt, Richard H., Lansdowne, Pa., assignor to Kellett Aircraft Corporation. Aircraft having rotating blades or wings. 2,365,357; Dec. 19.

Prezbel, Peter M., Cleveland Heights, assignor to Jack & Heintz, Inc., Bedford, Ohio. Magazine work holding fixture. 2,348,644; May 9.

Prezbel, Peter M., Cleveland Heights, and J. J. Seme, Maple Heights, assignors to Jack & Heintz, Inc., Bedford, Ohio. Chuck. 2,357,424; Sept. 5.

Prezbeo, Giuseppe, assignor to E. Paillard et Cie S. A., Yverdon, Switzerland. Escapement mechanism for typewriters. 2,351,837; June 20.

Prezbeo, Giuseppe, Yverdon, Switzerland, assignor to E. Paillard et Cie S. A. Paper end indicator for typewriters. 2,365,903; Dec. 26.

Pribula, Steven, New York, N. Y. Fluid brake. 2,358,825; Sept. 26.

Pribyl, Edward. (See Braker, W., and Pribyl.)

Price, Alanson L. (See Larsson, E. A., and Price.)

Price, Alison H., St. Davids, Pa. Apparatus for administering blood plasma. 2,362,025; Nov. 7.

Price, Charles S., Hollis, N. Y. Ornament. 2,357,425; Sept. 5.

Price, Cora A. (See Kenney, Albert J., assignor.)

Price, Donald, New York, N. Y., and R. Kapp, Newark, assignors to National Oil Products Company, Harrison, N. J. Sulphonated organic compound. 2,341,060; Feb. 8.

Price, Donald, New York, N. Y., and R. Griffith, Little Silver, assignors to National Oil Products Company, Harrison, N. J. Nitric acid oxidation of fatty materials. 2,365,290; Dec. 19.

Price, Donald F., H. E. Balsiger, and M. A. Hollengreen, assignors to Landis Tool Company, Waynesboro, Pa. Grinding wheel dresser. 2,340,683; Feb. 1.

Price, Duane W., assignor to W. C. Hoy, Chicago, Ill. Shaker. 2,356,004; Aug. 15.

Price, Earl R., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine control mechanism. 2,363,265; Mar. 7.

Price, Earl R., assignor to Bendix Aviation Corporation, South Bend, Ind. Power brake. 2,353,755; July 18.

Pride, Gilbert E. (See Osterberg, H., Pride, and Lunebuig.)

Price, H. C., Company. (See Elliott, Bernard V., assignor.)

Price, Harold L. (See Runcie, Walter O., assignor.)

Price, Nathan C., Los Angeles, assignor to Lockheed Aircraft Corporation, Burbank, Calif. Centrifugal supercharger. 2,342,219; Feb. 22.

Price, Nathan C., Los Angeles, assignor to Lockheed Aircraft Corporation, Burbank, Calif. Pressure control system. 2,342,220; Feb. 22.

Price, Nathan C., Hollywood, assignor to Lockheed Aircraft Corporation, Burbank, Calif. Counterrotating supercharger. 2,344,366; Mar. 14.

Price, Osborne I., assignor to Magnetic Devices, Inc., Frederick, Md. Magnetic actuator. 2,353,756; July 18.

Price, Osborne I., assignor to Magnetic Devices, Inc., Frederick, Md. Magnetic actuator. 2,364,656; Dec. 12.

Price, Ralph E., Highfield, Md., assignor to Landis Tool Company, Waynesboro, Pa. Feed cushioning mechanism. 2,354,056; July 18.

Price, Walter, Ridgewood, N. J. Loom. 2,353,415; July 11.

Pridham, Edwin S., assignor, by mesne assignments, to The Magnavox Company, Fort Wayne, Ind. Ear shield and acoustic transmitting device. 2,342,087; Feb. 15.

Priebe, Arthur W., assignor to A. O. Smith Corporation, Milwaukee, Wis. Preparing and welding metal parts. 2,363,990; Nov. 28.

Priesmann, Wilhelm, Brunswick, Germany; vested in the Alien Property Custodian. Photographic camera. 2,342,819; Feb. 29.

Priesman, Neil Y., Short Hills, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Annunciator system. 2,362,928; Nov. 14.

Priest, Charles H., Jr., Pasadena, Calif. Drilling apparatus. 2,353,757; July 18.

Priest, Dwight E., Worcester, Mass., assignor to Parker Manufacturing Company. Making rails for model railways. 2,356,695; Aug. 22.

Priest, John E., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Voltage regulator. 2,346,997; Apr. 18.

Priestley, Winfred K., West Barrington, R. I., assignor to United States Rubber Company, New York, N. Y. Electrical cable. 2,344,635; Mar. 21.

Prieto, Miguel G., Chicago, Ill. Carrier. 2,363,619; Nov. 28.

Prime Manufacturing Company, The. (See Kelly, Daniel A., assignor.)

Prime Manufacturing Company, The. (See Moore, Sidney A., assignor.)

Prime Manufacturing Co. (See Osbeck, Oscar H., assignor.)

Prime Manufacturing Company. (See Ridderstrom, Andrew R., assignor.)

Prince, David C., Schenectady, N. Y., assignor to General Electric Company. Current collector. 2,361,237; Oct. 24.

Pringle, John L., Monroe, La. Plane. 2,344,897; Mar. 21.

Pringle, Malcolm, Litchfield, Ill. Brake beam strut and braking assembly. 2,348,147; May 2.

Pringle, William A., Fort Wayne, Ind., assignor to General Electric Company. Seating commutator brushes. 2,339,649; Jan. 18.

Printing Arts Research Laboratories, Inc. (See Marx, Walter S., Jr., assignor.)

Prinz, Edward, St. Paul, Minn. Grater for removing and flaking edible rinds. 2,342,892; Feb. 29.

Pritchard, Eric T., Liveredge Hill, Henley-in-Arden, England. Hose or band clip. 2,345,832; Apr. 4.

Pritchard, Harold C., and J. W. Barnes, Farnborough, assignors to The Sperry Gyroscope Company Limited, Brentwood, England. Gyroscopic apparatus. 2,340,768; Feb. 1.

Pritchard, J. F., & Company. (See Martin, H. A., and Deschner, assignors.)

Pritchard, J. F., and Company. (See Moore, Robert D., assignor.)

Pritchard, Joseph G., Seattle, Wash. Printing mechanism. 2,336,273; Oct. 10.

Pritchard, William C. (See Daily, R. A., and Pritchard.)

Pritchard, William T. (See Mesch, O. S. A., and Fritchard.)

Pritz, Robert F., Walla Walla, Wash. Woodworking tool. 2,358,997; Sept. 26.

Procario, Angelo. (See Odierna, E., and Procario.)

Process Engineering Corporation. (See Fischer, William H., assignor.)

Process Management Company. (See Layng, Edwin T., assignor.)

Process Management Company. (See Buthruff, Robert F., assignor.)

Process Management Company. (See Taylor, H. S., Fehrer, and Turkevich, assignors.)

Prochaska, Carroll W., Mount Vernon, N. Y. Hose clamp. 2,352,971; July 4.

Procter & Gamble Company, The. (See Burt, Robert V., assignor.)

Procter & Gamble Company, The. (See Damm, Helmut, assignor.)

Procter & Gamble Company, The. (See Egan, James E., assignor.)

Procter & Gamble Company, The. (See Houlton, Harold G., assignor.)

Procter & Gamble Company, The. (See Picker, Walter, assignor.)

Procter and Gamble Company, The. (See Richardson, A. S., and Taylor, assignors.)

Procter & Gamble Company, The (See Schlegel, Fritz, assignor.)

Procter & Gamble Company, The. (See Suter, Chester M., assignor.)

Procter and Gamble Company. (See Taylor, James E., assignor.)

Procter & Gamble Company, The. (See Tucker, Nathaniel B., assignor.)

Procter & Gamble Company, The. (See Wood, Richard C., assignor.)

Proctor, B. A., Company. (See Proctor, Barton A., assignor.)

Proctor, B. A., Company. (See Proctor, B. A., and Thiede, assignors.)

Proctor, B. A., Company. (See Thiede, Ferdinand C. W., assignor.)

Proctor, Barton A., Larchmont, assignor to B. A. Proctor Company, Inc., New York, N. Y. Sound recording and reproducing machine. 2,345,148; Mar. 28.

Proctor, Barton A., Larchmont, assignor to B. A. Proctor Company, Inc., New York, N. Y. Making phonograph record stampers. 2,352,285; June 27.

Proctor, Barton A., Larchmont, assignor to B. A. Proctor Company, Inc., New York, N. Y. Sound recording and reproducing. 2,355,751; Aug. 15.

Proctor, Barton A., Larchmont, and F. C. W. Thiede, Hempstead, assignors to B. A. Proctor Company, Inc., New York, N. Y. Sound recording and reproducing. 2,359,489; Oct. 3.

Proctor, John R., assignor to Atlas Steel Barrel Corporation, Bayonne, N. J. Sealing tool. 2,359,528; Oct. 3.

Proctor, Maurice and W. R., Seattle, Wash.; said W. R. Proctor assignor to said M. Proctor. Trench digger. 2,364,657; Dec. 12.

Proctor, Robert V., assignor to The Commercial Shearing & Stamping Company, Youngstown, Ohio. Shaping metal. 2,343,082; Feb. 29.

Proctor, Robert V., assignor to The Commercial Shearing and Stamping Company, Youngstown, Ohio. Apparatus for shaping metal. 2,343,083; Feb. 29.

Proctor & Schwartz, Incorporated. (See Bogaty, Stanislaus, assignor.)

Proctor & Schwartz Incorporated. (See Bokum, W. F., and Weber, assignors.)

Proctor & Schwartz, Inc. (See Bucher, Thomas T. N., assignor.)

Proctor & Schwartz, Incorporated. (See Franklin, John J., assignor.)

Proctor and Schwartz, Incorporated. (See Griffith, C. T., Gebhardt, and Helder, assignors.)

Proctor & Schwartz, Incorporated. (See Hurxthal, Alpheus O., assignor.)

Proctor & Schwartz, Inc. (See Myers, Joseph W., assignor.)

Proctor & Schwartz, Incorporated. (See Riehl, Harmon B., assignor.)

Proctor & Schwartz, Inc. (See Roesch, S. J., and Myers, assignors.)

Proctor & Schwartz, Incorporated. (See Schwartz, Phillips K., assignor.)

Proctor & Schwartz, Inc. (See Stevenson, Robert O., assignor.)

Proctor & Schwartz, Inc. (See Turner, Charles R., assignor.)

Proctor, Stuart R. (See Frazer-Nash, A. G., and Proctor.)

Proctor, William R. (See Proctor, Maurice and W. R.)

Prodesco Incorporated. (See Koenig, Bernard R., assignor.)

Producers Creamery Company. (See Crighton, William T., assignor.)

Production Development Corporation. (See Nordberg, Ernst A., assignor.)

Production Instrument Company. (See Poole, Frederick A., assignor.)

Production Supply Company. (See Coonrod, Paul, assignor.)

Productive Inventions, Inc. (See Smulski, Theodore J., assignor.)

Products Development, Inc. (See Abernathy, David W., assignor.)

Products Development, Inc. (See Stearns, Harry C., assignor.)

Proell, Wayne A., assignor to Standard Oil Company, Chicago, Ill. Inhibitor for light burning oils. 2,357,547; Sept. 5.

Proell, Wayne A., Chicago, Ill., and F. K. Ovitz, Whiting, Ind., assignors to Standard Oil Company, Chicago, Ill. Desulphurizing hydrocarbon distillates. 2,361,651; Oct. 31.

Proescher, Frederick, San Jose, and V. M. Sycheff, Palo Alto, Calif., assignors to Research Corporation, New York, N. Y. Arsanalic acid aso sulphonamide compounds. 2,348,417; May 9.

Progressive Welder Company. (See Benkert, Louis M., assignor.)

Progressive Welder Company. (See Leathers, Chester F., assignor.)

Progressive Welder Company. (See Leathers, C. F., and Undy, assignors.)

Progressive Welder Company. (See Marcoux, Michael L., assignor.)

Progressive Welder Company. (See Martin, William H., assignor.)

Progressive Welder Company. (See Purat, Hugo, assignor.)

Prokul, Michael K., Maplewood, N. J., assignor to Elastic Stop Nut Corporation of America. Countersinker or the like for nuts. 2,356,067; Aug. 15.

Prokul, Michael K., Maplewood, N. J., assignor to Elastic Stop Nut Corporation of America. Distributing apparatus. 2,356,068; Aug. 15.

Prolamine Products Incorporated. (See Walsh, J. F., Kinzinger, and Morgan, assignors.)

Prolamine Products Incorporated. (See Weber, Harry M., assignor.)

Promise Slips. (See Diamond, Harry, assignor.)

Proos, Cornilis F., The Hague, Netherlands; vested in the Alien Property Custodian. Joint for oil-insulated high-tension cables. 2,356,614; Aug. 22.

Propernick, August A., Rochester, N. Y., assignor to General Electric Company. Cover structure. 2,354,927; Aug. 1.

Prophet, Richard D., Houston, Tex., assignor of one-half to Standard Bag Company. Bag hemming and stringfeeding device. 2,342,025; Feb. 29.

Pro-phy-lac-tic Brush Company. (See Dawson, C. E., and Gustafson, assignors.)

Pro-phy-lac-tic Brush Company. (See Goessling, Gerald A., assignor.)

Prosperity Company, The. (See Davis, Ernest, assignor.)

Prosperity Company, The. (See Gayring, Wallace F., assignor.)

Prosperity Company, The. (See Henrici, Frits W. A., assignor.)

Prosperity Company, The. (See Hutchings, Walter B., assignor.)

Prosperity Company, The. (See Klenzle, L. C., and Wollner, assignors.)

Prosperity Company, The. (See Yanchenko, Basil J., assignor.)

Protectall Motor Signal, Inc. (See Yanchenko, Basil J., assignor.)

Protectall Motor Signal, Inc. (See Yanchenko, B. J., and Steele, assignors.)

Protecto Products Co. (See Clark, Louis, assignor.)

Protectoseal Company of America, Inc. (See Anschicks, Rudolph J., assignor.)

Protectoseal Company of America, Inc. (See Lebus, William A., assignor.)

Protectoseal Company of America, Inc. (See Martin, R., and Bellamy, assignors.)

Protex Products Company. (See Schwartzman, Leonce, assignor.)

Protin, Edward J., Charlerol, and J. E. Simonin, Roscoe, Pa. Well casing and making it. 2,346,392; Apr. 11.

Protz, William C., assignor to National Tinsel Manufacturing Company, Manitowoc, Wis. Composite tape. 2,354,702; Aug. 1.

Proudfoot, Helen. (See Proudfoot, William D., assignor.)

Proudfoot, William D., Webster Springs, assignor of one-half to H. Proudfoot, Cowen, W. Va. Apparatus for loading and unloading. 2,346,605; Apr. 11.

Proudman, Chester F., and F. C. Walters, assignors to The Walpro Products Corporation, New Canaan, Conn. Dispensing container. 2,356,179; Aug. 22.

Proulx, Jean, Hull, Quebec, Canada. Suction box top for papermaking machines. 2,340,785; Apr. 18.

Proulx, Leo R., Los Angeles, assignor of one-half to H. Boorstin, Santa Monica, Calif. Waterproof fixture for fluorescent lamps. 2,355,467; Aug. 8.

Prouty, Willis O., Hermosa Beach, Calif., assignor, by mesne assignments, to Westinghouse Electric and Manufacturing Company, New York, N. Y. Ultraviolet light source. Re. 22,534; Aug. 22.

Provencher, Lionel, Drummondville, Quebec, assignor to Drummondville Cotton Company Limited, Montreal, Quebec, Canada. Tape lifting device and spindle brake mechanism. 2,339,190; Jan. 11.

Provenzano, Gaetano, Greenwich, Conn. Airplane safety chair. 2,346,871; Apr. 18.

Prox, Frank, Company. (See Fulke, Frank L., assignor.)

Prucha, Frank J. (See Gall, C., and Prucha.)

Prückner, Hermann, Dessau-Rossiau, Germany, assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Catalytic oxidation of ketones. 2,341,288; Feb. 8.

Prue, Walter W., Auburn, Maine, assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine for operating upon shoes. 2,340,614; Feb. 1.

Prue, Walter W., Auburn, Maine, assignors to United Shoe Machinery Corporation, Flemington, N. J. Work holding and masking device. 2,356,883; Aug. 29.

Prulett, Charles L., Ventura, Calif. Oil well pump packing box. 2,340,016; Jan. 25.

Prulett, Charles L., and H. W. Amner, Ventura, Calif. Oil skimmer. 2,345,426; Mar. 28.

Pruitt, Harvey E., Flint, Mich., assignor, by mesne assignments, to E. M. Rice, Hanna, Ind. Universal cutting machine. 2,361,961; Nov. 7.

Prutton, Carl F., East Cleveland, assignor, by mesne assignments, to The Lubri-Zol Development Corporation, Cleveland, Ohio. Lubricating composition. 2,355,106; Aug. 8.

Prutton, Carl F., Cleveland, and A. K. Smith, Shaker Heights, assignors, by mesne assignments, to The Lubri-Zol Development Corporation, Cleveland, Ohio. Lubricating composition. 2,347,217; Apr. 25.

Prutton, Carl F., Cleveland, and A. K. Smith, Shaker Heights, assignors, by mesne assignments, to The Lubri-Zol Development Corporation, Cleveland, Ohio. Lubricating composition. 2,353,585; July 11.

Prutton, Carl F., Cleveland Heights, A. K. Smith, Shaker Heights, and D. R. Frey, East Cleveland, assignors to The Lubri-Zol Corporation, Cleveland, Ohio. Stabilizing agents for hydrocarbon compositions and the like. 2,365,291; Dec. 19.

Pruyn, Leonard G. (See Pruyn, Leonard L. and L. G.)

Pruyn, Leonard L. and L. G., West Los Angeles, Calif. Multiple-color electric sign. 2,340,559; Feb. 1.

Pryde, Margaret S., et al., executrices. (See Smith, Robert A.)

Pryor, Robert C., Bartlesville, Okla., assignor to Phillips Petroleum Company. Bottom hole or subsurface sampler. 2,342,567; Feb. 22.

Pryor, Robert C., Bartlesville, Okla., assignor to Phillips Petroleum Company. Seal for subsurface pressure gauges. 2,361,794; Oct. 31.

Pryor, Walter J., Cleveland, Ohio, and E. J. Franwick, assignors to Hanau Engineering Company, Inc., Buffalo, N. Y. Injector flask. 2,359,152; Sept. 26.

Pryor, William A., and T. R. Harris, assignors to Harris Foundry & Machine Company, Cordele, Ga. Baling press. 2,355,675; Aug. 15.

Przedpelski, Boleslaw, et al. (See Szukiewicz, Waclaw, assignor.)

Przybyez, Joseph F. C., South Bend, Ind. Safety razor. 2,350,816; June 6.

Przybysz, Joseph F. C., South Bend, Ind. Safety razor. 2,362,851; Nov. 14.

Przysiecki, Theodore I., Elmwood Park, assignor to Teletype Corporation, Chicago, Ill. Clutch mechanism. 2,338,257; Jan. 4.

Pucher, Leo. E. (See Endress, C. H., and Pucher.)

Pudelko, Richard, Zug, Switzerland, assignor to Landis & Gyr, A.-G. Spring motor and friction coupling. 2,341,332; Feb. 8.

Pudelko, Richard, Zug, Switzerland, assignor to Landis & Gyr. A-G. Forming synthetic resin bushings. 2,343,205; Feb. 29.

Pueschel, Paul, Glencoe, Ill. Bird feeder. 2,344,367; Mar. 14.

Puett Electrical Starting Gate Corporation. (See Whann, Jesse P., assignor.)

Pugatt, Samuel J., Hurleyville, N. Y. Apparatus for treating liquids. 2,358,591; Sept. 19.

Pugh, Alexander L., Jr., Bala-Cynwyd, assignor to International Resistance Company, Philadelphia, Pa. Molding apparatus. 2,363,900; Nov. 28.

Pugh, Samuel T., Radford, Va. Loom stop motion attachment. 2,365,106; Dec. 12.

Pugh, William E., assignor to Seismograph Service Corporation, Tulsa, Okla. Seismic prospecting. 2,345,288; Mar. 28.

Pujol y Font, Juan Luis, Altos, Habana, Cuba. Method and apparatus for making ampoules containing compressed gas. 2,361,413; Oct. 31.

Pulfrich, Hans, Berlin-Friedenau, and R. Magner, Berlin, Germany, assignors to General Electric Company. Glass-to-metal seals. 2,338,538; Jan. 4.

Pullen, Alfred N. D., London, England, assignor, by mesne assignments, to Aluminum Company of America, Pittsburgh, Pa. Surface treatment of aluminum and aluminum alloys. 2,339,806; Jan. 25.

Pullen, Harry, assignor to The Magic Duplex Sign Company, Easton, Md. Animated exhibitor. 2,353,265; July 11.

Pullen, Rodney S., Akron, Ohio. Match packet and making it. 2,344,059; Mar. 14.

Pulliam, James D., San Antonio, Tex., assignor of five per cent to D. R. Parker, five per cent to R. W. Barnes, ten per cent to A. McCloskey and A. T. Stevens (jointly), and forty per cent to N. A. Saigh. Fuel heating apparatus. 2,346,506; Apr. 11.

Pullin, Cyril G., Genista, N. Mearns, Scotland, assignor to Autogiro Company of America, Willow Grove, Pa. Undercarriage for rotative wing aircraft. 2,339,877; Jan. 25.

Pullman Company, The. (See Jones, Basil E., assignor.)

Pullman Company, The. (See Parke, Peter, assignor.)

Pullman Company, The. (See Parke, P., Cunningham, and Lutherman, assignors.)

Pullman Company, The. (See Pihl, E. A., and Ring, assignors.)

Pullman Company, The. (See Tully, J. K., Andersen, and Jones, assignors.)

Pullman Company, The. (See Tully, J. K., and Jones, assignors.)

Pullman-Standard Car Manufacturing Company. (See Anderson, Lawrence C., assignor.)

Pullman-Standard Car Manufacturing Company. (See Cleos, G., Hoenke, Kopas, and Shapkauski, assignors.)

Pullman-Standard Car Manufacturing Company. (See Kendrick, Ralph S., assignor.)

Pullman-Standard Car Manufacturing Company. (See Loose, A. C., and Mussey, assignors.)

Pullman-Standard Car Manufacturing Company. (See Stephenson, Leigh J., assignor.)

Pullman-Standard Car Manufacturing Company. (See Turner, Charles H., assignor.)

Pullman-Standard Car Manufacturing Company. (See Wagner, Anthony N., assignor.)

Punet, Paul, et al. (See Sabin, Oliver, assignor.)

Punsalan, Leon F., U. S. Army, Manila, P. I. Ejector. 2,344,563; Mar. 21.

Punte, William F., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Wire opening container. 2,344,325; Mar. 14.

Punte, William F., Passaic, N. J., assignor to Continental Can Company, Inc., New York, N. Y. Tape dispensing container. 2,351,781; June 20.

Punte, William F., Passaic, N. J., assignor to Continental Can Company, Inc., New York, N. Y. Spool and container therefor. 2,351,782; June 20.

Punte, William F., Passaic, N. J., assignor to Continental Can Company, Inc., New York, N. Y. Sheet metal tablet box. 2,351,783; June 20.

Punte, William F., Passaic, N. J., assignor to Continental Can Company, Inc., New York, N. Y. Making sheet metal can bodies. 2,363,358; Nov. 21.

Punte, William F., Passaic, N. J., assignor to Continental Can Company, Inc., New York, N. Y. Adhesive-applying apparatus. 2,365,775; Dec. 26.

Purat, Hugo, assignor to Progressive Welder Company, Detroit, Mich. Switch mechanism. 2,353,847; July 18.

Purat, Hugo, assignor to Progressive Welder Company, Detroit, Mich. Welding mechanism. 2,358,826; Sept. 26.

Purcell, William J., Chattanooga, Tenn., and G. R. Murdock, New York, N. Y., assignors to H. L. Judd Company, Inc., Wallingford, Conn. Cornice. 2,342,893; Feb. 29.

Purdie, William H., Sunderland, assignor to William Doxford & Sons Limited, Sunderland, Durham, England. Cooling means for engine pistons. 2,354,057; July 18.

Purdue Research Foundation. (See Bray, J. L., and Howard, assignors.)

Purdue Research Foundation. (See Hass, H. B., and Bourland, assignors.)

Purdue Research Foundation. (See Hass, H. B., and Vanderbilt, assignors.)

Purdue Research Foundation. (See Kraybill, H. R., Brewer, and Thornton, assignors.)

Pure Milk Cheese Co. (See Petersen, Thorkild, assignor.)

Pure Oil Company, The. (See Agruss, M. S., and Schindler, assignors.)

Pure Oil Company, The. (See Ayers, G. W., Jr., Agruss, and Bell, assignors.)

Pure Oil Company, The. (See Ayers, G. W., and Henderson, assignors.)

Pure Oil Company, The. (See Backhoff, W. J., and Williams, assignors.)

Pure Oil Company, The. (See Backoff, W. J., Williams, O'Loughlin, Moir, and Yule, assignors.)

Pure Oil Company, The. (See Bell, Richmond T., assignor.)

Pure Oil Company, The. (See Bond, Donald C., assignor.)

Pure Oil Company, The. (See Bond, D. C., and Botsford, assignors.)

Pure Oil Company, The. (See Folkins, H. O., and Thacker, assignors.)

Pure Oil Company, The. (See Harnsberger, Audley E., assignor.)

Pure Oil Company, The. (See Henderson, L. M., and Ayers, assignors.)

Pure Oil Company, The. (See Henderson, L. M., Ayers, and McNamara, assignors.)

Pure Oil Company, The. (See Lang, Edward H., assignor.)

Pure Oil Company, The. (See McKinney, P. V., and Mayberry, assignors.)

Pure Oil Company, The. (See McNamara, T. L., and Henderson, assignors.)

Pure Oil Company, The. (See Risk, Thomas H., assignor.)

Pure Oil Company, The. (See Ross, W. B., and Boldt, assignors.)

Pure Oil Company, The. (See Thacker, Carlisle M., assignor.)

Pure Oil Company, The. (See Wagner, C. R., and Ridgway, assignors.)

Pure Oil Company, The. (See Whittier, W. A., and Stucker, assignors.)

Pure Oil Company, The. (See Yule, John S., assignor.)

Purifoy, George R., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control system. 2,342,754; Feb. 29.

Purifoy, George R., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control system. 2,345,149; Mar. 28.

Purifoy, George R., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Motor control and braking system. 2,345,150; Mar. 28.

Purington, Ellison S., Gloucester, Mass., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Radio alarm system. 2,353,499; July 11.

Purington, Ellison S., Gloucester,, Mass., assignor, by mesne assignments to Radio Corporation of America, New York, N. Y. Universal resistance capacitance gage. 2,354,141; July 18.

Purinton, Forrest G., assignor to The Patent Button Company, Waterbury, Conn. Plastic film spool for cameras. 2,341,333; Feb. 8.

Purinton, Forrest G., and W. A. Zwiebel, assignors to The Patent Button Company, Waterbury, Conn. Molding decorated plastic articles. 2,364,388; Dec. 5.

Puritan Manufacturing Company. (See Calleo, Joseph, assignor.)

Puritan Manufacturing Company, The. (See Kline, Wallace E., assignor.)

Puritan Manufacturing Company, The. (See Poole, Jesse V., assignor.)

Puritan Manufacturing Company, The. (See Valentine, Percy W., assignor.)

Purkett, Edward D., Joplin, Mo. Article conditioning shakeout tumbler. 2,339,030; Jan. 11.

Purkett, Edward D., Joplin, Mo. Laundry heat conditioning tumbler. 2,360,161; Oct. 10.

Purolator Products, Inc. (See Wells, D. H., and De Groote, assignors.)

Purpura, August C., assignor to Chicago Flexible Shaft Company, Chicago, Ill. Toaster. 2,347,611; Apr. 25.

Purrmann, Robert, Munich, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Manufacture of pyrimidine condensation products. 2,345,215; Mar. 28.

Purves, William F., and S. P. Harris, assignors to Schick Incorporated, Stamford, Conn. Vibrator. 2,350,817; June 6.

Purvin, Benjamin R., assignor to Barber-Colman Company, Rockford, Ill. Machine tool. 2,338,737; Jan. 11.

Purvin, Benjamin R., assignor to Barber-Colman Company, Rockford, Ill. Metal-cutting tool. 2,356,796; Aug. 29.

Pusheck, Herbert W., Evanston, Ill. Device for use in tearing sheet material. 2,349,635; May 23.

Putnam, Carl, Norristown, Pa. Marking machine. 2,342,168; Feb. 22.

Putnam, James B., El Campo, Tex. Internal-combustion engine. 2,355,011; Aug. 1.

Putnam, John P., assignor to The Reece Button Hole Machine Company, Boston, Mass. Circular motion mechanism. 2,341,741; Feb. 15.

Putnam, John P., assignor to The Reece Button Hole Machine Company, Boston, Mass. Variable inductor. 2,343,999; Mar. 14.

Putnam, John P., assignor to The Reece Button Hole Machine Company, Boston, Mass. Navigation instrument. 2,357,131; Aug. 29.

Putnam, Palmer C., Brookline, Mass., assignor to S. Morgan Smith Company, York, Pa. Wind turbine. 2,360,791; Oct. 17.

Putnam, Palmer C., Brookline, Mass., assignor to S. Morgan Smith Company, York, Pa. Wind turbine. 2,360,792; Oct. 17.

Putt, Harlie O., Elkhart, Ind. Centrifugal impeller for aircraft and other uses. 2,340,427; Feb. 1.

Putt, Harlie O., Elkhart, Ind. Reversible hydromechanical transmission. 2,346,606; Apr. 11.

Putt, Harlie O., Elkhart, Ind. Electro-hydraulic solenoid. 2,352,119; June 20.

Putter, Erich, Maplewood, assignor to Schering Corporation, Bloomfield, N. J. Rack for test tubes and the like. 2,360,978; Oct. 24.

Putter, Erich, Maplewood, assignor to Schering Corporation, Bloomfield, N. J. Container for implantation tablets. 2,366,053; Dec. 26.

Puttfarcken, Wilhelm. (See Kesselring, Fritz.)

Puttfarcken, Wilhelm, Berlin-Spandau, Germany; vested in the Alien Property Custodian. Device for controlling power circuits. 2,347,612; Apr. 25.

Pye Limited. (See Bentley, Leslie F., assignor.)

Pyk, Herman T., Saltsjo-Duvnas, Sweden. Two-stroke internal combustion engine. 2,349,305; May 23.

Pyle, Carl A., Wichita, Kans. Drilling machine for concrete. 2,342,601; Feb. 22.

Pyle, James J. (See D'Alello, G. F., and Pyle.)

Pyle, Leslie R., assignor to Locomotive Firebox Company, Chicago, Ill. Locomotive front end. 2,357,223; Aug. 29.

Pyle National Company, The. (See McDowell, Thomas E., assignor.)

Pym, Arthur F., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J., Manufacture of shoes and shoe parts. 2,349,374; May 23.

Pyrene Manufacturing Company. (See Fitzsimons, John E., assignor.)

Pyrene Manufacturing Company. (See MacGregor, Peter G., assignor.)

Pyrene Minimax Corporation. (See Fox, Harry H., assignor.)

Pyrene Minimax Corporation. (See Ratzer, Arthur F., assignor.)

Pyrene-Minimax Corporation. (See Timpson, Lewis G. M., assignor.)

Pyzel, Frederic M., Piedmont, assignor to Shell Development Company, San Francisco, Calif. Separating and recovering hydrocarbons and alkyl esters from mixtures thereof. 2,353,500; July 11.

Pyzel, Robert, New York, N. Y., and C. G. Gerhold, assignors to Universal Oil Products Company, Chicago, Ill. Dehydration of normally gaseous hydrocarbons. 2,362,093; Nov. 7.

Quaker Oats Company, The, et al. (See Graham, William R., Jr., assignor.)

Quaker Oats Company, The. (See Kirn, Howard C., assignor.)

Quaker Oats Company, The. (See Millar, Harvey C., assignor.)

Quaker Oats Company, The. (See Peters, F. N., and Rupp, assignors.)

Quality Park Envelope Company. (See Ahlquist, Eugene F., assignor.)

Quarfoot, Harry B., assignor, by mesne assignments, to Reconstruction Finance Corporation, Chicago, Ill. Fire extinguishing apparatus. 2,354,611; July 25.

Quarfoot, Harry B., Chicago, and H. R. Harper, Evanston, assignors, by mesne assignments, to Reconstruction Finance Corporation, Chicago, Ill. Pressure operated restraining device for fire extinguishing systems. 2,363,802; Nov. 28.

Quartin, Simon, Brooklyn, N. Y. Display box. 2,342,894; Feb. 29.

Quasebarth, Kurt H., Kew Gardens, N. Y. Evaporating apparatus. 2,360,445; Oct. 17.

Quast, William J., Lake, assignor to Allen-Bradley Company, Milwaukee, Wis. Enclosed electric safety switch. 2,344,636; Mar. 21.

Quattlebaum, William M., Jr. (See Rugeley, E. W., and Quattlebaum.)

Quayle, George, Philadelphia, Pa., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Spring cushioned lift truck. 2,355,328; Aug. 8.

Quayle, Joshua C. (See Handley, W. C., and Quayle.)

Quayle, Joshua C., Ashton, Chester, England, assignor to International Standard Electric Corporation, New York, N. Y. Electric cable. 2,348,752; May 16.

Queale, William. (See Wiese, Eric W., assignor.)

Quednau, Herbert. (See Kiesskalt, S., Kruta, Quednau, and Patat.)

Queen, Harold E., et al., executors. (See Replogle, Daniel B.)

Queneau, Augustin L. J., Peapack, N. J. Zinc metallurgy. 2,342,368; Feb. 22.

Quenon, Eugene E., Pittsburgh, Pa., assignor to the Government of the United States, as represented by the Secretary of Interior. Apparatus for testing flame safety lamps. 2,362,500; Nov. 14.

Quering, Mary M., Chicago, Ill. Eye shield and sinus compressor. 2,343,157; Feb. 29.

Quick Charge, Inc. (See Fletcher, Albert C., assignor.)

Quick, Frederick A., Bellerose, assignor to All Purpose Gold Corporation, Brooklyn, N. Y. Lathe. 2,350,190; May 30.

Quick, George C., Phoenix, Ariz. Airplane insecticide dissemination apparatus. 2,356,119; Aug. 15.

Quick, Lyle B., New Britain, Conn. Device for installing and removing lamp tubes. 2,349,988; May 30.

Quidas, Frederick W., New York, N. Y. Weighing scale. 2,350,384; Oct. 17.

Quiet Flow Devices, Inc. (See Peterson, W. F., and Walter, assignors.)

Quill, Charles J., San Francisco, Calif. Display device. 2,362,157; Nov. 7.

Quillen, Carl L., Indianapolis, Ind. Navigation means. 2,339,516; Jan. 18.

Quilter, John R. C., and J. Gregory, Woking, England. Parachute. 2,358,417; Sept. 19.

Quincy Stove Manufacturing Company, The. (See Castle, B. F., and Wodell, assignors.)

Quinlan, Amos L., La Grange Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Material unwinding device. 2,338,539; Jan. 4.

Quinlan, Amos L., La Grange Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Toroidal coil winding machine. 2,341,650; Feb. 15.

Quinn, Alonzo D., Garden City, assignor to Moran, Proctor, Freeman & Mueser, New York, N. Y. Self-adjusting sealing edge for installation of piers. 2,354,142; July 18.

Quinn, Aloysius J., North Bergen, N. J., assignor to Brooks Equipment Corporation. Gear construction. 2,346,507; Apr. 11.

Quinn, Bert A., St. Paul Park, Minn. Window fastener. 2,339,517; Jan. 18.

Quinn, Bert A., St. Paul, Minn. Door latch mechanism. 2,350,923; June 6.

Quinn, Charles R., Roslyn Park, assignor to Philco Corporation, Philadelphia, Pa. Refrigerator construction. 2,348,645; May 9.

Quinn, Clara E., St. Petersburg, Fla. Beverage refrigerator and dispenser. 2,342,221; Feb. 22.

Quinn, Edward, Malden, and L. S. Curtin, Belmont, assignors to United Shoe Machinery Corporation, Boston, Mass. Shoe sewing machine. 2,355,107; Aug. 8.

Quinn, Edward. (See Jalbert, A. L., and Quinn.)

Quinn, Edward, Saugus, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe. 2,364,816; Dec. 12.

Quinn, Joseph L., St. Paul Park, Minn. Storm window fastener. 2,361,056; Oct. 24.

Quinn, Nelson J., Toledo, Ohio. Abrasive gun. 2,341,569; Feb. 15.

Quinn, Patrick J., Flushing, N. Y. Parking device. 2,358,592; Sept. 19.

Quinnell, LaVern E. (See O'Connor, R. A., and Quinnell.)

Quintile, Joseph, Los Angeles, Calif. Adjustable rear view mirror. 2,357,720; Sept. 5.

Quiroz, Francisco A., Newark, N. J. Fluid strainer 2,359,938; Oct. 10.

Quist, James D., Detroit, Mich., assignor to United States Rubber Company, New York, N. Y. Polyvinyl alcohol composition. 2,362,026; Nov. 7.

Quittner, Ervin. (See Schwimmer, K. H., and Quittner.)

R-B-M Manufacturing Company. (See Clayton, Harold H., assignor.)

R. C. Can Company. (See Larson, Frederick J., assignor.)

R. Y. P. Mfg. Co. (See Reynolds, Albert G., assignor.)

Raabe, Carl A., Chicago, Ill. Machine for coaxial cable insulation. 2,355,238; Aug. 8.

Raba, Alice H. (See Raba, Georges H. and A. H.)

Raba, Georges H. and A. H., Sanary, France; vested in the Alien Property Custodian. Device for pedaling by two persons specially adaptable to bicycles. 2,361,708; Oct. 31.

Rabenda, Edward J. (See Doty C. R., and Rabenda.)

Rabenda, Edward J. (See Furman, F. J., and Rabenda.)

Rabenda, Edward J. (See Mills, A. W., and Rabenda.)

Rabenda, Edward J. (See Mills, A. W., Rabenda, Furman, and Keough.)

Rabenda, Edward J. (See Rubidge, D. W., and Rabenda.)

Rabenda, Edward J., Binghamton, N. Y., assignor to International Business Machines Corporation, New York, N. Y. Communication apparatus. 2,362,027; Nov. 7.

Rabenda, Edward J., Binghamton, and H. J. Kistner, Union, assignors to International Business Machines Corporation, New York, N. Y. Sorting machine. 2,350,531; June 6.

Rabens, Fred T., St. Paul, assignor of one-half to G. P. Wild, Bald Eagle Lake, Minn. Coin controlled dispensing mechanism. 2,343,578; Mar. 7.

Rabezzana, Hector. (See Gretzinger, J. R., Battey, and Rabezzana.)

Rabezzana, Hector, Flint, assignor to General Motors Corporation, Detroit, Mich. Spark plug. 2,350,475; June 6.

Rabinowitz, Harold M., Brooklyn, N. Y. Therapeutic agent for the treatment of hypertension. 2,363,549; Nov. 28.

Rabinowitz, L. M., & Company. (See Dasher, Richard, assignor.)

Rabinowitz, Louis M., Brooklyn, N. Y. Fastening strip. 2,352,564; June 27.

Rabinowitz, Louis M., Brooklyn, N. Y. Fastening strip. 2,358,735; Sept. 19.

Rabkin, William, Kew Gardens, and F. Newman, New York, assignors to International Mutoscope Corporation, Long Island City, N. Y. Framed photographic plate. 2,351,877; June 20.

Rabl, Alfred, Wiener-Neudorf, Germany; vested in the Alien Property Custodian. Speed drive for fast running machines, especially for cycle dynamo machines. 2,348,848; May 16.

Rabon, Melton G., assignor of one-half to W. H. Caughman, Columbia, S. C. Hay rake and loader. 2,341,945; Feb. 15.

Rabuse, Frank M., Kansas City, Kans. Sea warfare. 2,352,862; July 4.

Race, Hubert H., Schenectady, N. Y., assignor to General Electric Company. Electrical apparatus. 2,340,898; Feb. 8.

Race, Hubert H., Schenectady, N. Y., assignor to General Electric Company. Electrical discharge device. 2,351,066; June 13.

Race, Hubert H., Schenectady, N. Y., assignor to General Electric Company. Electrical discharge device. 2,351,543; June 13.

Rachlin, Maurice, Flushing, N. Y. Strainer and making same. 2,360,793; Oct. 17.

Rachlin, Maurice, Flushing, N. Y. Making downspout hooks and article formed thereby. 2,365,971; Dec. 26.

Rachlin, Maurice, Flushing, N. Y. Making gutter circles. 2,365,972; Dec. 26.

Rachlin, Maurice, Flushing, N. Y. Interlocking gutter circle. 2,365,973; Dec. 26.

Racine Screw Works. (See Christenson, Harry N., assignor.)

Rackett, Gerald F., Los Angeles, assignor to Technicolor Motion Picture Corporation, Hollywood, Calif. Cinematographic film exposure. 2,340,684; Feb. 1.

Rackett, Gerald F., assignor to Technicolor Motion Picture Corporation, Los Angeles, Calif. Photographic printing. 2,352,914; July 4.

Rackett, Gerald F., Los Angeles, assignor to Technicolor Motion Picture Corporation, Hollywood, Calif. Photographic printing. 2,363,689; Nov. 28.

Rackley, John B. (See Walker, William E., assignor.)

Racz, Ernest, assignor to Burroughs Adding Machine Company, Detroit, Mich. Printing machine. Re. 22,490; May 16.

Radabaugh, Harold E., and M. E. Raquet, Cincinnati, Ohio. Sound-absorbing control for acoustical units. 2,361,652; Oct. 31.

Radabaugh, John M., Mount Vernon, Ohio. Welding tool. 2,343,799; Mar. 7.

Radbruch, Walter H., San Francisco, Calif. Combined container and dispenser. 2,343,026; Feb. 29.

Radbruch, Walter H., San Francisco, Calif. Measuring dispenser. 2,354,477; July 25.

Radbruch, Walter H., San Francisco, Calif. Combined container and ejector. 2,358,998; Sept. 26.

Radcliffe, Milton R. (See Raynolds, J. W., and Radcliffe.)

Radde, Henry H. and W. A., Bay City, Mich. Sugar beet seed drill and fertiliser attachment. 2,354,541; July 25.

Radde, William A. (See Radde, Henry H. and W. A.)

Radeck, Frank, Milwaukee, Wis., assignor to Felins Tying Machine Company. Tying machine. 2,346,786; Apr. 18.

Rader, Louis T., Schenectady, N. Y., assignor to General Electric Company. Electric switch. 2,361,238; Oct. 24.

Radford Company, The. (See Radford, Frank W., assignor.)

Radford, Frank W., assignor to The Radford Company, Oshkosh, Wis. Poultry feeder. 2,354,612; July 25.

Radiart Corporation, The. (See Mace, Arthur T., assignor.)

Radiart Corporation, The. (See White, Wesley J., assignor.)

Radio Corporation of America. (See Albin, Frederick G., assignor.)

Radio Corporation of America. (See Anderson, Leslie J., assignor.)

Radio Corporation of America. (See Anderson, L. J., and Kettler, assignors.)

Radio Corporation of America. (See Anderson, Warren A., assignor.)

Radio Corporation of America. (See Andrews, Edward F., assignor.)

Radio Corporation of America. (See Appel, Henry W., assignor.)

Radio Corporation of America. (See Artzt, Maurice, assignor.)

Radio Corporation of America. (See Baker, Judd O., assignor.)

Radio Corporation of America. (See Barton, Loy E., assignor.)

Radio Corporation of America. (See Battermann, Ludwig A., assignor.)

Radio Corporation of America. (See Bedford, Alda V., assignor.)

Radio Corporation of America. (See Beers, George L., assignor.)

Radio Corporation of America. (See Blain, Albert, assignor.)

Radio Corporation of America. (See Blancha, Felix C., assignor.)

Radio Corporation of America. (See Blaney, Arthur C., assignor.)

Radio Corporation of America. (See Bliss, Warren H., assignor.)

Radio Corporatio nof America. (See Boterweg, D., and Slooff, assignors.)

Radio Corporation of America. (See Brelsford, Harlin A., assignor.)

Radio Corporation of America. (See Brown, George H., assignor.)

Radio Corporation of America. (See Burdick, Robert H., assignor.)

Radio Corporation of America. (See Callahan, John L., assignor.)

Radio Corporation of America. (See Caplin, F., and Payne, assignors.)

Radio Corporation of America. (See Carlson, Wendell L., assignor.)

Radio Corporation of America. (See Carlson, W. L., and Bond, assignors.)

Radio Corporation of America. (See Carter, Philip S., assignor.)

Radio Corporation of America. (See Clark, Edwin L., assignor.)

Radio Corporation of America. (See Collins, Milford E., assignor.)

Radio Corporation of America. (See Conklin, James W., assignor.)

Radio Corporation of America. (See Cooney, John R., assignor.)

Radio Corporation of America. (See Cox, John W., assignor.)

Radio Corporation of America. (See Crosby, Murray G., assignor.)

Radio Corporation of America. (See Daly, George M., assignor.)

Radio Corporation of America. (See Deal, Harmon B., assignor.)

Radio Corporation of America. (See del Valle, Guillermo A., assignor.)

Radio Corporation of America. (See Dimmick, Glenn L., assignor.)

Radio Corporation of America. (See Douden, William L., assignor.)

Radio Corporation of America. (See Dreyer, John F., Jr., assignor.)

Radio Corporation of America. (See Duke, Vernon J., assignor.)

Radio Corporation of America. (See Eddy, William C., assignor.)

Radio Corporation of America. (See Elliott, Charles I., assignor.)

Radio Corporation of America. (See Everett, Frederick C., assignor.)

Radio Corporation of America. (See Fields, James L., assignor.)

Radio Corporation of America. (See Finch, James L., assignor.)

Radio Corporation of America. (See Ford, John R., assignor.)

Radio Corporation of America. (See Fredendall, Gordon L., assignor.)

Radio Corporation of America. (See Fredendall, G. L., and Schroeder, assignors.)

Radio Corporation of America. (See Garner, Lloyd P., assignor.)

Radio Corporation of America. (See George R. H., and Webb, assignors.)

Radio Corporation of America. (See Gillespie, Charles N., Jr., assignor.)

Radio Corporation of America. (See Gillespie, Henderson C., assignor.)

Radio Corporation of America. (See Goddard, De Witt R., assignor.)

Radio Corporation of America. (See Goldsmith, Alfred N., assignor.)

Radio Corporation of America. (See Goldstine, Hallan E., assignor.)

Radio Corporation of America. (See Goodale, Elmer D., assignor.)

Radio Corporation of America. (See Griswold, Robert S., assignor.)

Radio Corporation of America. (See Grundmann, Gustave L., assignor.)

Radio Corporation of America. (See Guedon, Emile C., assignor.)

Radio Corporation of America. (See Hansell, Clarence W., assignor.)

Radio Corporation of America. (See Harper, Ernest E., assignor.)

Radio Corporation of America. (See Harvey, Robert L., assignor.)

Radio Corporation of America. (See Hathaway, Jarrett L., assignor.)

Radio Corporation of America. (See Haynes, Robert L., assignor.)

Radio Corporation of America. (See Heil, Oskar, assignor.)

Radio Corporation of America. (See Hershberger, William D., assignor.)

Radio Corporation of America. (See Herzog, Carl, assignor.)

Radio Corporation of America. (See Hillier, James, assignor.)

Radio Corporation of America. (See Hoehn, J. J., and Zimmerman, assignors.)

Radio Corporation of America. (See Hollingsworth, R. Lee, assignor.)

Radio Corporation of America. (See Holmes, Ralph S., assignor.)

Radio Corporation of America. (See Holshouser, Don F., assignor.)

Radio Corporation of America. (See Holst, P. F. G., and Kirkwood, assignors.)

Radio Corporation of America. (See Houghton, William D., assignor.)

Radio Corporation of America. (See Hunt, Seymour, assignor.)

Radio Corporation of America. (See Iams, Harley A., assignor.)

Radio Corporation of America. (See Kahn, Alfred, assignor.)

Radio Corporation of America. (See Kahn, A., and Anderson, assignors.)

Radio Corporation of America. (See Kallmann, Heinz E., assignor.)

Radio Corporation of America. (See Kaltenbacher, Dominic M., assignor.)

Radio Corporation of America. (See Katzin, Martin, assignor.)

Radio Corporation of America. (See Katzin, M., and Schoenborn, assignors.)

Radio Corporation of America. (See Keck, A., and Brumbaugh, assignors.)

Radio Corporation of America. (See Kell, Ray D., assignor.)

Radio Corporation of America. (See Kellogg, Edward W., assignor.)

Radio Corporation of America. (See Kellogg, E. W., and Dimmick, assignors.)

Radio Corporation of America. (See Kentner, Carroll D., assignor.)

Radio Corporation of America. (See Ketcham, Lyman G., assignor.)

Radio Corporation of America. (See Koch, Winfield R., assignor.)

Radio Corporation of America. (See Kreuzer, Barton, assignor.)

Radio Corporation of America. (See Kroger, Fred H., assignor.)

Radio Corporation of America. (See Landon, Vernon D., assignor.)

Radio Corporation of America. (See Latimer, Chester W., assignor.)

Radio Corporation of America. (See Lawrence, Howard C., assignor.)

Radio Corporation of America. (See Lesnick, Robert N., assignor.)

Radio Corporation of America. (See Lincoln, Roy B., assignor.)

Radio Corporation of America. (See Lindenblad, Nils E., assignor.)

Radio Corporation of America. (See Linder, Ernest G., assignor.)

Radio Corporation of America. (See Luck, David G. C., assignor.)

Radio Corporation of America. (See Martinelli, Ciro C., assignor.)

Radio Corporation of America. (See Marton, Ladislaus, assignor.)

Radio Corporation of America. (See Marsoli, A., and Cervellati, assignors.)

Radio Corporation of America. (See Mathes, Richard E., assignor.)

Radio Corporation of America. (See McDonald, J. F., and Martin, assignors.)

Radio Corporation of America. (See McLaughlin, Kenneth, assignor.)

Radio Corporation of America. (See Miller, Burton F., assignor.)

Radio Corporation of America. (See Moffett, Le Roy, assignor.)

Radio Corporation of America. (See Monack, Albert J., assignor.)

Radio Corporation of America. (See Morton, G. A., and Flory, assignors.)

Radio Corporation of America. (See Mountjoy, G., and Finnigan, assignors.)

Radio Corporation of America. (See Mueller, William A., assignor.)

Radio Corporation of America. (See Nixon, George M., assignor.)

Radio Corporation of America. (See Norton, Lowell E., assignor.)

Radio Corporation of America. (See Olson, Harry F., assignor.)

Radio Corporation of America. (See Owens, James H., assignor.)

Radio Corporation of America. (See Paré, Victor T., assignor.)

Radio Corporation of America. (See Parkin, Thomas D., assignor.)

Radio Corporation of America. (See Pessel, Leopold, assignor.)

Radio Corporation of America. (See Peterson, Harold O., assignor.)

Radio Corporation of America. (See Preisman, Albert, assignor.)

Radio Corporation of America. (See Purington, Ellison S., assignor.)

Radio Corporation of America. (See Rajchman, Jan A., assignor.)

Radio Corporation of America. (See Ramberg, Edward G., assignor.)

Radio Corporation of America. (See Rankin, John A., assignor.)

Radio Corporation of America. (See Rankin, J. A., and Newton, assignors.)

Radio Corporation of America. (See Reid, John D., assignor.)

Radio Corporation of America. (See Reiskind, Hillel I., assignor.)

Radio Corporation of America. (See Rettinger, Michael, assignor.)

Radio Corporation of America. (See Rider, John F., assignor.)

Radio Corporation of America. (See Roberts, Walter V., assignor.)

Radio Corporation of America. (See Roberts, Walter van B., assignor).

Radio Corporation of America. (See Roberds, Wesley M., assignor.)

Radio Corporation of America. (See Rosencrans, Charles A., assignor.)

Radio Corporation of America. (See Roys, Henry E., assignor.)

Radio Corporation of America. (See Salzberg, Bernard, assignor.)

Radio Corporation of America. (See Sands, William F., assignor.)

Radio Corporation of America. (See Sands, W. F., and Daly, assignors.)

Radio Corporation of America. (See Sanford, Robert C., assignor.)

Radio Corporation of America. (See Schade, Otto H., assignor.)

Radio Corporation of America. (See Schlesinger, Kurt, assignor.)

Radio Corporation of America. (See Schock, Robert E., assignor.)

Radio Corporation of America. (See Schrader, H. J., and Brumbaugh, assignors.)

Radio Corporation of America. (See Schrader, H. J., and Scheidorf, assignors.)

Radio Corporation of America. (See Seeley, Stuart W., assignor.)

Radio Corporation of America. (See Shaw, Hubert R., assignor.)

Radio Corporation of America. (See Shelby, Robert E., assignor.)

Radio Corporation of America. (See Shepard, Francis H., Jr., assignor.)

Radio Corporation of America. (See Sherman, Jesse B., assignor.)

Radio Corporation of America. (See Shoup, Frederic F., assignor.)

Radio Corporation of America. (See Singer, Kurt, assignor.)

Radio Corporation of America. (See Sinnett, Chester M., assignor.)

Radio Corporation of America. (See Smith, J. Ernest, assignor.)

Radio Corporation of America. (See Smith, Rogers, M., assignor.)

Radio Corporation of America. (See Snyder, Richard L., Jr., assignor.)

Radio Corporation of America. (See Somers, Frank J., assignor.)

Radio Corporation of America. (See Spencer, James A., assignor.)

Radio Corporation of America. (See Stanko, Edward, assignor.)

Radio Corporation of America. (See Stone, Fred B., assignor.)

Radio Corporation of America. (See Swanson, Henry T., assignor.)

Radio Corporation of America. (See Thomas, Harry E., assignor.)
Radio Corporation of America. (See Thompson, Harry C., assignor.)
Radio Corporation of America. (See Thompson, Leland E., assignor.)
Radio Corporation of America. (See Thompson, Walter S., assignor.)
Radio Corporation of America. (See Toepperwein, Gustav A., assignor.)
Radio Corporation of America. (See Tolson, William A., assignor.)
Radio Corporation of America. (See Travis, Charles, assignor.)
Radio Corporation of America. (See Trevor, Bertram, assignor.)
Radio Corporation of America. (See Tunick, Harry, assignor.)
Radio Corporation of America. (See Usselman, George L., assignor.)
Radio Corporation of America. (See Vance, Arthur W., assignor.)
Radio Corporation of America. (See Van Ingen Schenau, Bernardus W., assignor.)
Radio Corporation of America. (See Walker, William E., assignor.)
Radio Corporation of America. (See Warwick, James C., assignor.)
Radio Corporation of America. (See Weagant, Roy A., assignor.)
Radio Corporation of America. (See Weagle, Lawrence T., assignor.)
Radio Corporation of America. (See Wendt, Karl R., assignor.)
Radio Corporation of America. (See Wiggins, Alpha M., assignor.)
Radio Corporation of America. (See Wolfe, Wallace V., assignor.)
Radio Corporation of America. (See Young, Charles J., assignor.)
Radio Corporation of America. (See Young, C. J., and Solomon, assignors.)
Radio Corporation of America. (See Young, John E., assignor.)
Radio Corporation of America. (See Young, Lloyd L., assignor.)
Radio Corporation of America. (See Zowrykin, V. K., Hillier, and Ramberg, assignors.)
Radio Patents Corporation. (See Bell, David B., assignor.)
Radio Patents Corporation. (See Gray, Donald E., assignor.)
Radio Patents Corporation. (See Rath, Karl, assignor.)
Radke, Carroll V. (See Le Bert, Charles A., assignor.)
Radley, Guy R., Whitefish Bay, and E. W. Seeger, Wauwatosa, assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Controller for electric motors. 2,355,557; Aug. 8.
Rado, John A., Douglaston, N. Y., assignor to Hazeltine Corporation. Television signal-translating apparatus. 2,347,064; Apr. 18.
Radtke, Adelbert C., Oak Park, Ill., assignor to International Harvester Company. Automotive accessory support. 2,362,719; Nov. 14.
Radtke, Paul T., Cottage Grove, Oreg. Container vent. 2,365,590; Dec. 19.
Rady, William J., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Regulator for automotive generators. 2,348,263; May 9.
Rady, William J. Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Generator voltage regulator. 2,348,571; May 9.
Rady, William J., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Generator regulator. 2,354,542; July 25.
Raetsch, Bruno A. (See Norman, H. W., and Raetsch.)
Raetsch, Bruno A., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Threading apparatus. 2,338,821; Jan. 11.
Rafter, Albert, Glen Ridge, assignor to Rafter Machine Company, Belleville, N. J. Variable speed unit. 2,351,148; June 13.
Rafter Machine Company. (See Rafter, Albert, assignor.)
Ragsdale, LaVerne B., assignor to Briggs Manufacturing Company, Detroit, Mich. Engine. 2,364,658; Dec. 12.
Ragupos, Geronimo R., Spokane, Wash. Oyster opening method. 2,354,928; Aug. 1.
Raiche, Paul A., Providence, R. I., assignor to Davol Rubber Company. Pezzer catheter. 2,343,579; Mar. 7.
Railroad Rolling Stock Patents Corporation. (See Moses, Edwin P., assignor.)
Rails Company, The. (See Packer, Eben R., assignor.)
Railway Maintenance Corporation. (See McWilliams, James B., assignor.)
Railway Service and Supply Corporation. (See Booth, Thomas R., assignor.)
Raimar, Edward W., Johnston, R. I. Finger ring. 2,346,607; Apr. 11.
Raines, Arnold, Philadelphia, and A. C. Martindell, Hulmeville, Pa. Servo mechanism. 2,354,703; Aug. 1.
Rainey, Paul M., Martinsville, assignor to Combination Selector Company, Glen Ridge, N. J. Automatic case shift. 2,360,621; Oct. 17.
Rainflo Manufacturing Company, The. (See Kathe, Edmund A., assignor.)
Rainville, Omer J., South Attleboro, Mass. Exhaust silencer. 2,350,924; June 6.
Rairdon, Ernest L., Oakland, Calif. Vehicle direction signaling system. 2,344,637; Mar. 21.
Rajchman, Jan A., Philadelphia, Pa., assignor to Radio Corporation of America. Focusing electron microscopes. 2,348,031; May 2.
Rajo Motor Company. (See Jagersberger, Joseph W., assignor.)
Rake, Geoffrey W., Kingston, and M. F. Shaffer, New Brunswick, N. J., assignors to E. R. Squibb & Sons, New York, N. Y. Lymphogranuloma venereum antigen and preparing it. 2,355,676; Aug. 15.
Rakestraw, Linn M. (See Meyer, H. C. E., and Rakestraw.)
Rakos, Joseph F., assignor to J. W. Nelson, Cleveland, Ohio. Protective shield for welders. 2,365,107; Dec. 12.
Rakowsky, Victor. (See Holt, G. J., Rakowsky, and Arms.)
Rakowsky, Victor, and J. R. Reid, Joplin, Mo. Producing flour. 2,358,827; Sept. 26.
Ralkin, Leo, Jamaica, N. Y. Indicating device for welding machines. 2,354,613; July 25.
Ralston, Albert A. (See Rinehart, D. C., and Ralston.)
Ralston Albert A., Fort Wayne, Ind., assignor to General Electric Company. Liquid cooling apparatus. 2,359,791; Oct. 10.
Ralston, Anderson W., and M. R. McCorkle, assignors to Armour and Company, Chicago, Ill. Mercurated aliphatic amines. 2,356,884; Aug. 29.
Ralston Purina Company. (See Kiahlar, L., Cobb, and James, assignors.)
Ralston, Raymond H., Camp Joseph T., Robinson, Ark. Folding beach chair. 2,344,729; Mar. 21.
Ramberg, Edward G. (See Zworykin, V. K., Hillier, and Ramberg.)
Ramberg, Edward G., Feasterville, Pa., assignor to Radio Corporation of America. Electron microscopy. 2,347,965; May 2.
Rambold, Adolf, Dresden, Germany; vested in the Alien Property Custodian. Bag. Re. 22,490; May 30.
Rambold, Adolf, Dresden, Germany; vested in the Alien Property Custodian. Making flexible bags. 2,349,111; May 16.
Rambusch Decorating Company. (See Brunn, S. W., and Rambusch, assignors.)
Rambusch, Edward. (See Bruun, S. W., and Rambusch.)
Rameh, Frank J. (See Kappenberg, W., and Rameh.)
Ramén, Torsten, Stockholm, Sweden. Dehydrating waste liquors from cellulose production. 2,343,027; Feb. 29.
Ramo, Simon, Schenectady, N. Y., assignor to General Electric Company. Electron microscope. 2,363,359; Nov. 21.
Ramsay, Charles S., Gary, Ind. Apparatus for rolling rounds. 2,357,058; Aug. 29.
Ramsdell, Frederick M., Worcester, Mass. Gauge. 2,340,428; Feb. 1.
Ramsden, George A. and G. J. R., Lambeth, Ontario, Canada. Container. 2,350,925; June 6.
Ramsden, George J. R. (See Ramsden, George A. and G. J. R.)
Ramsey, Allan, Evanston, assignor to Schweitzer & Conrad, Inc., Chicago, Ill. Fuse construction. 2,347,641; May 2.
Ramsey, Carson S., Cureall, Mo. Army tank. 2,344,730; Mar. 21.
Ramsey, Clarence S., Springfield, Ohio. Ore processing apparatus. 2,346,787; Apr. 18.
Ramsey, Frank P., assignor to Arkell & Smiths, Canajoharie, N. Y. Paper bag machine. 2,364,551; Dec. 5.
Ramsey, Jesse A., Wenonah, N. J. Marine safety light. 2,361,414; Oct. 31.
Ramsey, Joseph D. (See Fiumedoro, Ali J., assignor.)
Ramsey, Joseph D. (See Ormond, John J., assignor.)
Ramsey, Raymond G., et al. (See Trew, James W., assignor.)
Ramsey, Vernon E., et al. (See Trew, James W., assignor.)
Ranco Incorporated. (See Raney, Estel C., assignor.)
Rancroft, Joseph, & Sons Co. (See Milne, W., and Tokars, assignors.)
Rand, James H., Jr., Stamford, assignor to Remington Rand Inc., Buffalo, N. Y. Electric razor. 2,343,705; Mar. 7.
Rand McNally & Company. (See Sites, David E., assignor.)
Rand, Sidney S. (See Levit, Jacob D., assignor.)
Randall, Arthur F., Boston, assignor of three-tenths to C. E. Wilson, Brookline, and seven-tenths to A. P. Cotter, Boston, Mass. Truck. 2,357,548; Sept. 5.
Randall, Arthur M., Prairie City, Iowa. Vehicle. 2,361,869; Oct. 31.
Randall Graphite Products Corporation. (See Whiteley, Kenneth E., assignor.)
Randall, Lowell O. (See Phillips, A. P., and Randall.)
Randall, Merwyn C., Philadelphia, Pa. Relief valve. 2,358,101; Sept. 12.
Randall, Ralph R., Freeport, Ill. Nonequalising differential transmission. 2,342,755; Feb. 29.

Randall, Walter H., Waterville, assignor, by mesne assignments, to The Canal National Bank of Portland, Portland, Maine. Machine for manufacturing molded pulp articles. 2,346,608; Apr. 11.
Randle, Wilbert L., Cockeysville, Md. Lawn mower sharpener. 2,362,400; Nov. 7.
Randol, Glenn T., St. Louis, Mo., assignor of forty percent to W. M. Liddon, Nashville, Tenn. Change speed transmission. 2,348,753; May 16.
Randol, Glenn T., St. Louis, Mo. Control means for change-speed transmissions. 2,351,067; June 13.
Randol, Glenn T., St. Louis, Mo. Transmission control mechanism. 2,357,781; Sept. 5.
Randolph, Frank M., Ajo, Ariz., assignor to Phelps Dodge Corporation, New York, N. Y. Air scrubber. 2,345,859; Apr. 4.
Randolph, George T., Owensboro, Ky. Packing compound for stuffing boxes. 2,363,803; Nov. 28.
Randolph, Martin T. (See Wilson, R. W., Long, and Randolph.)
Randrup, Benjamin F., Brisbane, Calif. Collapsible boat. 2,346,081; Apr. 4.
Raney, Clemma R., Riverside, and A. E. W. Johnson, Oak Park, Ill., assignors to International Harvester Company. Power lift. 2,361,122; Oct. 24.
Raney, Estel C., assignor to Ranco Incorporated, Columbus, Ohio. Control apparatus. 2,340,685; Feb. 1.
Raney, Estel C., Franklin County, Ohio, assignor to Ranco Incorporated. Control apparatus. 2,359,676; Oct. 3.
Raney, Russell R., La Grange, and J. H. Bornsin, Chicago, Ill., assignors to International Harvester Company. Planter. 2,341,813; Feb. 15.
Raney, William E., Shaker Heights, assignor of one-half to W. King, Mentor, Ohio. Direct drive electric power tool. 2,355,558; Aug. 8.
Rank, Paul J., Berwyn, Ill., assignor to American Telephone and Telegraph Company. Teletypewriter recording system. 2,358,593; Sept. 19.
Rank, Viktor. (See Pier, M., and Kroenig, and Rank.)
Rankin, Alexander M., Welling, assignor to Broad & Company Limited, Paddington, London, England. Ventilator. 2,348,148; May 2.
Rankin, Fred C. (See Dunn, W. L., and Rankin.)
Rankin, John A., Port Washington, N. Y., assignor to Radio Corporation of America. Amplitude modulation limiter circuit. 2,340,429; Feb. 1.
Rankin, John A., Port Washington, N. Y., assignor to Radio Corporation of America. Tunable loop antenna circuit. 2,342,491; Feb. 22.
Rankin, John A., Port Washington, N. Y., assignor to Radio Corporation of America. Detected frequency modulated wave amplifier. 2,344,731; Mar. 21.
Rankin, John A., Port Washington, N. Y., assignor to Radio Corporation of America. Regeneration stabilization circuit. 2,360,794; Oct. 17.
Rankin, John A., Port Washington, and A. E. Newlon, Rochester, N. Y., assignors to Radio Corporation of America. Ultra-high-frequency amplifier. 2,342,492; Feb. 22.
Rankin, Lanning P. (See Turkington, V. H., Whiting, and Rankin.)
Ranney, Fred T., Minneapolis, Minn. Filling apparatus for tractor gasoline tanks. 2,356,428; Aug. 22.
Ranney, Leo, McConnelsville, Ohio. Producing oil from viscous deposits. 2,365,591; Dec. 19.
Ranney, Percival K., Lakewood, Ohio. Electrical system and apparatus. 2,354,879; Aug. 1.
Ransbottom, Lee M., Sanford, Fla. Bagging mechanism. 2,342,369; Feb. 22.
Ransburg, Harper J., Company. (See Gravley, Charles K., assignor.)
Ranseen, Emil L., Chicago, Ill. Electric impulse motor. 2,343,325; Mar. 7.
Ransley, Charles E. (See Clack, B. N., and Ransley.)
Ransom, Robert B. (See Mason, Charles R., assignor.)
Ransom, Robert B., Hartford, Conn., assignor to General Electric Company. Fishing reef. 2,361,239; Oct. 24.
Ransome Concrete Machinery Company. (See Williams, Joseph R., assignor.)
Ransome Machinery Company. (See Faber, John P., assignor.)
Ransome and Marles Bearing Company Limited. (See Hickling, Frederick O., assignor.)
Ransome and Marles Bearing Company Limited, Stanley Works. (See Hickling, Frederick O., assignor.)
Ransome, Stafford M., assignor to Barber-Coleman Company, Rockford, Ill. Clamping device. 2,355,677; Aug. 15.
Ransome, Tallent H., Berkeley, Calif. Apparatus for producing combustible gaseous mixtures at substantially constant pressures. 2,342,426; Feb. 22.
Ranson, Edward H., New Haven, Conn. Movable mast support. 2,352,565; June 27.
Raolin Corporation, The. (See Raynolds, James W., assignor.)
Raolin Corporation, The. (See Raynolds, J. W., and Radcliffe, assignors.)
Rapfogel, Mortimer, Bronx, N. Y. Foldable music stand. 2,356,532; Aug. 22.
Rapida-Standard Co. (See Woldring, B., and Sebastian, assignors.)
Rapinwax Paper Company. (See McGladrey, L. L., and Rhodes, assignors.)
Rapinwax Paper Company. (See Rhodes, C. M., and Sermattei, assignors.)
Rapinwax Paper Company. (See Sermattei, J. P., and Rhodes, assignors.)
Rapp, Robert L., Burbank, Calif. Fastening device. 2,360,274; Oct. 10.
Rapp, Wilhelm. (See Hopff, H., and Rapp.)
Rappaport, Hyman, Bronx, N. Y. Spacing gauge for sewing machines. 2,352,566; June 27.
Rappl, Anton. (See Horton, Erwin C., and Rappl.)
Rappl, Anton, assignor to Trico Products Corporation, Buffalo, N. Y. Window operator. 2,341,478; Feb. 8.
Rappl, Anton, assignor to Trico Products Corporation, Buffalo, N. Y. Pump. 2,342,088; Feb. 15.
Rappl, Anton, assignor to Trico Products Corporation, Buffalo, N. Y. Motor. 2,344,949; Mar. 28.
Rappl, Anton, assignor to Trico Products Corporation, Buffalo, N. Y. Window operator. 2,350,957; June 6.
Rappl, Anton, assignor to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner control. 2,352,120; June 20.
Rappl, Anton, assignor to Trico Products Corporation, Buffalo, N. Y. Window operator. 2,359,490; Oct. 3.
Rappl, Anton, assignor to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner. 2,363,621; Nov. 28.
Rappl, Anton, assignor to Trico Products Corporation, Buffalo, N. Y. Window system. 2,366,127; Dec. 26.
Rappl, Anton, Buffalo, and E. C. Horton, Hamburg, assignors to Trico Products Corporation, Buffalo, N. Y. Window operator. 2,338,357; Jan. 4.
Rappleyea, George W., New Orleans, La. Oblique aerial photographic mapping. 2,358,777; Sept. 26.
Raquet, Maurice E. (See Radabaugh, Harold E.)
Rare Chemicals, Inc. (See Rothmann, Albert, assignor.)
Rasch, Albert, Portland, Oreg. Saucer. 2,348,028; May 2.
Rasch, George J., Venice, Calif. Paintbrush. 2,341,881; Feb. 15.
Raschig, Klaus, Ludwigshafen-on-the-Rhine, Germany; vested in the Alien Property Custodian. Process and apparatus for continuously producing plastic masses. 2,341,651; Feb. 15.
Rasmussen, Charles H., assignor to Ferdinand Gutmann & Co., Brooklyn, N. Y. Package. 2,364,916; Dec. 12.
Rasmussen, Frank H., assignor to Magill-Weinsheimer Company, Chicago, Ill. Advertising poster. 2,353,359; July 11.
Rasmussen, Gerda, Brooklyn, N. Y. Outer garment or coat. 2,340,017; Jan. 25.
Rasmussen, Olaf, Dayton, and E. L. Baugh, Miamisburg, Ohio, assignors to General Motors Corporation, Detroit, Mich. Fuel pump. 2,354,828; Aug. 1.
Rasmussen, Osvald E., Greenburg, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Armored conductor structure. 2,338,299; Jan. 4.
Raspet, August, Hyattsville, Md. Gyroscopic instrument. 2,349,757; May 23.
Raspet, August, Old Lyme, Conn. Gyroscopic instrument. 2,349,758; May 23.
Rast, Frederick Q., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Time recorder. 2,340,769; Feb. 1.
Rast, Frederick Q., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Corrective time controlled system. 2,346,273; Apr. 11.
Ratcliff, Francis K., assignor to Container Corporation of America, Chicago, Ill., Canton. 2,354,543; July 25.
Ratcliff, Ralph A., Canton, Ill., assignor to International Harvester Company. Tractor-mounted implement. 2,344,326; Mar. 14.
Ratcliff, Ralph A., Canton, Ill., assignor to International Harvester Company. Tractor-mounted implement. 2,346,330; Apr. 11.
Ratcliff, Ralph A., Canton, Ill., assignor to International Harvester Company. Seed hopper device. 2,361,123; Oct. 24.
Rath, Frank E., Bellevue, Pa. Surface treatment of tinned material. 2,357,970; Sept. 12.
Rath, Karl, New York, N. Y. Visual exposure meter. 2,340,141; Jan. 25.
Rath, Karl, New York, N. Y. Extinction type exposure determining device. 2,342,061; Feb. 15.
Rath, Karl, New York, N. Y. Camera with automatic exposure control. 2,343,206; Feb. 29.
Rath, Karl, New York, N. Y. Automatic exposure control. 2,354,544; July 25.
Rath, Karl, New York, N. Y. Optical exposure meter. 2,354,545; July 25.
Rath, Karl, assignor to Radio Patents Corporation, New York, N. Y. Snap action device. 2,340,615; Feb. 1.
Rathbun, George D., Manhattan, Kans. Voting machine. 2,364,097; Dec. 5.
Rathbun, George D. Manhattan, Kans. Voting machine ballot parts. 2,364,098; Dec. 5.
Rathbun, John P., Prospect Park, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Liquid separating apparatus. 2,344,898; Mar. 21.
Rathbun, John P., Prospect Park, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Liquid separating apparatus. 2,344,899; Mar. 21.

Ratkowski, Thomas A., Chicago Heights, Ill., assignor to American Brake Shoe Company. Railway crossing. 2,354,880; Aug. 1.
Ratte, Leon J. (See Waldo, Russell W.)
Rattray, George. (See Gaty, C. B., and Rattray.)
Ratzer, Arthur F., Hanworth, England, assignor to Pyrene Minimax Corporation, Newark, N. Y. Making fire extinguishing foam. 2,361,057; Oct. 24.
Rau, Charles R., assignor to Samuel Stamping and Enameling Company, Chattanooga, Tenn. Can closure, 2,352,495; June 27.
Rau, Harry A. (See Goebel, G., and Rau.)
Rau, Harry A., Baltimore, Md., assignor to Crown Cork Specialty Corporation. Cap forming and assembling machine. 2,339,807; Jan. 25.
Rau, Karl, assignor to The A. I. Root Company, Medina, Ohio. Candlemaking method and machine. 2,360,275; Oct. 10.
Rau, Theodore, Philadelphia, Pa. Fuel feeding control attachment for internal combustion engines. 2,343,580; Mar. 7.
Rauch, John D., Lima, Ohio. Vehicle construction. 2,343,900; Mar. 7.
Rauch, John D., assignor to American Steel Dredge Company Inc., Fort Wayne, Ind. Barge or hull. 2,338,650; Jan. 18.
Rauch, Konrad. (See Spurlino, P., and Rauch.)
Rauen, Carl F., Grosse Pointe, and G. Forhan, Detroit, Mich. Rack. 2,346,703; Apr. 18.
Rauh, Hermann, Berlin-Zehlendorf, Germany; vested in the Alien Property Custodian. Clutch mechanism for accounting machines. 2,344,410; Mar. 14.
Rauh, Hermann, Berlin-Zehlendorf, Germany; vested in the Alien Property Custodian. Carriage control for accounting machines. 2,356,429; Aug. 22.
Rauland Corporation, The. (See Antalek, John J., assignor.)
Rauland Corporation, The. (See Kester, Arthur S., assignor.)
Raulston, James L., South Pittsburgh, Tenn. Stove. 2,354,567; June 27.
Raunet, Max R., New York, N. Y. Surgical dressing. 2,340,142; Jan. 25.
Rausch, Earl B. (See Rerick, A. H., and Rausch.)
Rautenstrauch, Curt W. (See Hopff, H., Goebel, and Rautenstrauch.)
Raven, Albert L., Mount Vernon, N. Y. Projection screen stand. 2,346,274; Apr. 11.
Ravencroft, Edward A., Glencoe, and R. E. Jordan, Deerfield, assignors to Abbott Laboratories, North Chicago, Ill. Capsule making method and machine. 2,355,329; Aug. 8.
Raver, Francis M., York, Pa., assignor to Flakice Corporation of New York, Brooklyn, N. Y. Refrigeration. 2,344,922; Mar. 21.
Ravnestad, Andreas J. (See Moeklebust, O., and Ravnestad.)
Ravnestad, Andreas J., and O. Moeklebust, Fredrikstad, Norway, assignors to Titan Company Incorporated, Wilmington, Del. Treating ferro-titaniferous materials. 2,339,808; Jan. 25.
Rawling, Arthur. (See Amer, D. F., and Rawling.)
Rawlings Manufacturing Company. (See Latina, Harry B., assignor.)
Rawlins, Albert W. (See Kupec, W. J., and Rawlins.)
Rawlins, Herbert L. (See Baker, B. P., and Rawlins.)
Rawlins, Herbert L., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Gas blast circuit interrupter. 2,343,422; Mar. 7.
Rawlins, Herbert L., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,359,153; Sept. 23.
Rawlins, Herbert L., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,363,360; Nov. 21.
Rawlins, Herbert L., Wilkinsburg, and E. H. Fischer, Derry, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical apparatus. 2,361,240; Oct. 24.
Rawson, Emanuel, Chicago, Ill., assignor to The Superheater Company, New York, N. Y. Cinder deflector. 2,359,441; Oct. 3.
Ray, Cecil L. (See Cleveland, A. B., Haag, and Ray.)
Ray, Charles T., Louisville, Ky. Draft gear. 2,358,282; Sept. 12.
Ray, Charles T., assignor to B. F. Avery and Sons Company, Louisville, Ky. Tractor attachment. 2,357,847; Sept. 12.
Ray, Charles T., assignor to B. F. Avery and Sons Company, Louisville, Ky. Tractor lister attachment. 2,357,848; Sept. 12.
Ray, Charles T., assignor to B. F. Avery and Sons Company, Louisville, Ky. Tractor two-row planter attachment. 2,357,849; Sept. 12.
Ray, Charles T. assignor to B. F. Avery and Sons Company, Louisville, Ky. Tractor planter attachment. 2,358,280; Sept. 12.
Ray, Charles T., assignor to B. F. Avery and Sons Company, Louisville, Ky. Tractor draft attachment for implements. 2,358,281; Sept. 12.
Ray, Don, Beverly Hills, assignor to Bensel-Brice Corporation, Los Angeles, Calif. Continuous conveyer. 2,338,258; Jan. 4.
Ray, Eugene J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Work support. 2,351,709; June 20.
Ray, Frederick A., Van Nuys, Calif. Convertible hackamore bosal bit. 2,349,375; May 23.
Ray, Frederick A., Van Nuys, Calif. Safety latch for pistol holsters. 2,349,376; May 23.
Ray, Harry S., assignor to Raynoldy Corporation, New York, N. Y. Cosmetic holder. 2,344,060; Mar. 14.
Ray, James L., Elm Grove, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Turbine system. 2,345,540; Mar. 28.
Ray, James L., Elm Grove, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Turbine apparatus. 2,348,754; May 16.
Ray, James L., Elm Grove, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Combustion turbine. 2,353,929; July 18.
Ray, Philip A., assignor to Hercules Powder Company, Wilmington, Del. Rubber composition. 2,341,289; Feb. 8.
Ray, Robert H., Inc. (See James, Patrick H., assignor.)
Ray, William A., Los Angeles, Calif. Fluid control valve. 2,339,352; Jan. 18.
Ray, William A., Los Angeles, Calif. Fluid control valve. 2,339,353; Jan. 18.
Ray, William A., Glendale, Calif. Thermocouple structure. 2,339,809; Jan. 25.
Ray, William A., Glendale, Calif. Igniting system. 2,346,704; Apr. 18.
Ray, William A., Los Angeles, Calif. Control system. 2,348,497; May 9.
Ray, William A., Los Angeles, Calif. Thermoelectric device. 2,349,306; May 23.
Ray, William A., Los Angeles, Calif. Fluid control valve. 2,353,759; July 18.
Ray, William A., Glendale, Calif. Electromagnetically operated valve. 2,353,848; July 18.
Ray, William A., Glendale, Calif. Electromagnetically controlled operator. 2,354,704; Aug. 1.
Ray, William A., Glendale, Calif. Humidity control system. 2,354,773; Aug. 1.
Ray, William A., Glendale, Calif. Refrigerating system. 2,355,894; Aug. 15.
Ray, William A., Los Angeles, Calif. Indicator for manual reset valves. 2,357,059; Aug. 29.
Ray, William A., Los Angeles, Calif. Control system. 2,357,609; Sept. 5.
Ray, William A., Los Angeles, Calif. Electromagnetic operator. 2,358,828; Sept. 26.
Ray, William A., Glendale, Calif. Solenoid operated valve. 2,358,999; Sept. 26.
Ray, William A., Los Angeles, Calif. Control device. 2,364,659; Dec. 12.
Ray, William A., Los Angeles, Calif. Hysteresis compensator. 2,364,917; Dec. 12.
Ray, William R., Beverly Hills, Calif. Electromagnetic device. 2,345,151; Mar. 28.
Ray, William R., Glendale, Calif. Thermocouple structure. 2,340,899; Feb. 8.
Raybestos-Manhattan, Inc. (See Chappel, Loring H., assignor.)
Raybestos-Manhattan, Inc. (See Kuzmick, Joseph N., assignor.)
Raybon, Sidney C., Pensacola, Fla. Valve. 2,357,022; Aug. 29.
Rayburn, John R., Fairfield, Conn., assignor to American Chain & Cable Company, Inc., New York, N. Y. Wheel lock. 2,339,879; Jan. 25.
Rayburn, Vincent A., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for treating strands. 2,364,752; Dec. 12.
Rayfield, Kermit C., Lathrop, Mo. Roadway recording apparatus. 2,344,216; Mar. 14.
Rayfield, Charles L., assignor, by mesne assignments, to C. L. Rayfield Company, Chicago, Ill. Oil burner and system. 2,347,842; May 2.
Rayfield, Charles L., assignor to C. L. Rayfield Company, Chicago, Ill. Oil burner and system. 2,347,843; May 2.
Rayfield, C. L., Company. (See Rayfield, Charles L., assignor.)
Raymer, Morris M., Augusta, assignor to Kellogg Company, Battle Creek, Mich. Dual type volume filler. 2,354,087; July 18.
Raymond, Albert L., Northfield, and E. F. Schroeder, Chicago, assignors to G. D. Searle & Co., Skokie, Ill. Iodo-sugar derivatives and preparing same. 2,365,776; Dec. 26.
Raymond, Albert L., Northfield, and E. F. Schroeder, Chicago, assignors to G. D. Searle & Co., Skokie, Ill. 6-Iodo-d-galactose. 2,365,777; Dec. 26.
Raymond Concrete Pile Company. (See Upson, Maxwell M., assignor.)
Raymond Concrete Pile Company. (See Upson, M. M., and Philbrook, assignors.)
Raymond, Edward F., Wilmington, Calif. Gun perforation in wells. 2,346,233; Apr. 11.
Raymond, Edward F., Los Angeles, Calif. Gun perforator. 2,356,430; Aug. 22.
Raymond, Edward F., Los Angeles, Calif. Retrievable gun perforator. 2,356,431; Aug. 22.
Raymond, Harry, Madison, N. J. Culinary implement. 2,357,764; Sept. 5.

Raymond, Horace H., Berlin, Conn., assignor to Atlantic Rayon Corporation, Providence, R. I. Dyeing apparatus. 2,350,191; May 30.
Raymond, Ward, assignor to The Pennsylvania Pump & Compressor Company, Easton, Pa. Electric multistep controller. 2,339,191; Jan. 11.
Raynolds, James W., Pittsburgh, Pa., assignor to The Raolin Corporation, Charleston, W. Va. Rubber chloride manufacture. 2,339,945; Jan. 25.
Raynolds, James W., Pittsburgh, Pa., assignor to The Raolin Corporation, Charleston, W. Va. Rubber chloride manufacture. 2,339,946; Jan. 25.
Raynolds, James W., and M. R. Radcliffe, Easton, Pa., assignors to The Raolin Corporation, New York, N. Y. Rubber halide plastics. 2,364,589; Dec. 5.
Raynoldy Corporation. (See Ray, Harry S., assignor.)
Raynor, George A., assignor of one-half to C. L. Staub, Smithville, Tex. Oil well testing device. 2,347,281; Apr. 25.
Rayonier Incorporated. (See Schlosser, P. H., and Gray, assignors.)
Rayonier Incorporated. (See Schlosser, P. H., Gray, and Hallonquist, assignors.)
Ray-O-Vac Company. (See Anthony, Herman R. C., assignor.)
Ray-O-Vac Company. (See Berigan, Leroy G., assignor.)
Raytheon Manufacturing Company. (See Gross, Fritz, A., assignor.)
Raytheon Manufacturing Company. (See Dawson, John W., assignor.)
Raytheon Manufacturing Company. (See Klemperer, Hans, assignors.)
Raytheon Manufacturing Company. (See Krim, Norman B., assignor.)
Raytheon Manufacturing Company. (See Rockwood, Alan C., assignor.)
Raytheon Manufacturing Company. (See Smith, Charles G., assignor.)
Raytheon Manufacturing Company. (See Spencer, Percy L., assignor.)
Raytheon Manufacturing Company. (See Stutsman, Paul W., assignor.)
Raytheon Production Corporation. (See Cardell, James, assignor.)
Raytheon Production Corporation. (See Horn, Clarence A., assignor.)
Razek, Joseph, Llanerch, assignor to Cochrane Corporation, Philadelphia, Pa. Measuring system. 2,363,690; Nov. 28.
Rea, Wilson W. (See Berthold, W., and Rea.)
Reach, Milton B., Springfield, Mass. Golf club. 2,360,364; Oct. 17.
Reach, Milton B., Springfield, Mass. Golf club. 2,361,415; Oct. 31.
Reach, Milton B., Springfield, Mass. Golf club. 2,363,991; Nov. 28.
Reachi, Luis, Los Angeles, Calif., assignor to Ronrico Corporation, San Juan, P. R. Bottle carrier. 2,341,570; Feb. 15.
Reachi, Luis, Los Angeles, Calif., assignor to Ronrico Corporation, San Juan, P. R. Bottle carrier. 2,341,571; Feb. 15.
Read, Charles E. (See Whisler, R. H., Jr., Read, Nickelsen, and Boor.)
Read, Charles E., Monroe, J. M. Nickelsen, Ann Arbor, Mich., and A. Boor, Toledo, Ohio., assignors to Monroe Auto Equipment Company, Monroe, Mich. Piston structure for shock absorbers. 2,346,275; Apr. 11.
Read, Chester L., Westfield, and A. P. Hewlett, Summit, N. J., assignors to Standard Oil Development Company. Nitrogen bases. 2,345,005; Mar. 28.
Read, David Y., New York, assignor to Remington Rand Inc., Buffalo, N. Y. Calculating machine. 2,352,286; June 27.
Read, Felix O., Houston, Tex. Electrical connector. 2,352,224; June 27.
Read Machinery Co. (See Shellenberger, Titus J., assignor.)
Read, Philip C., Shorewood, assignor to Dostal & Lowey Co., Inc., Menomonee Falls, Wis. Bottle carrying conveyer flight. 2,342,820; Feb. 29.
Read, Philip C., Shorewood, assignor to Dostal & Lowey Co., Inc., Menomonee Falls, Wis. Bottle carrying conveyer flight. 2,344,000; Mar. 14.
Read, Philip C., Shorewood, assignor to Dostal & Lowey Co., Inc., Menomonee Falls, Wis. Bottle-washing machine. 2,355,239; Aug. 8.
Read, Philip C., Shorewood, assignor to Dostal & Lowey Co., Inc., Menomonee Falls, Wis. Unloading mechanism for bottle-washing machines. 2,357,358; Sept. 5.
Readeker, William C., Chicago, Ill. Collapsible carrier for bottles and the like. 2,352,121; June 20.
Reader, Adolph. (See Frank, Louis, assignor.)
Reader's Digest Association, Inc., The. (See Gibbs, John H., assignor.)
Reading, Raymond L., Maywood, assignor to Belden Manufacturing Company, Chicago, Ill. Wire testing apparatus. 2,338,202; Jan. 4.
Reagan, Maurice E., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control system. 2,340,079; Jan. 25.
Reagan, Maurice E., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Reclosing circuit breaker system. 2,342,821; Feb. 29.
Reagan, Maurice E., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Relay control system. 2,343,423; Mar. 7.
Reagan, Maurice E., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Automatic reclosing circuit breaker system. 2,345,155; Mar. 28.
Reagan, Maurice E., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Supervisory control system. 2,349,636; May 23.
Reagan, Maurice E., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control system. 2,354,143; July 18.
Realty and Industrial Corporation. (See Ileman, Emil A., assignor.)
Realty and Industrial Corporation. (See Pearson, Harold E., assignor.)
Reany, Burney V., Kansas City, Mo. Vertical blade attachment for elevating graders. 2,356,797; Aug. 29.
Rearden, Donnld S., and E. G. Brewster, Los Angeles, and R. T. Sanderson, Sierra Madre, Calif., assignors to Stanolind Oil and Gas Company, Tulsa, Okla. Geochemical prospecting. 2,339,651; Jan. 18.
Reasenberg, Julian R. (See Goldberg, S. D., and Reasenberg.)
Reason, Richard E., assignor to Kapella Limited, Leicester, England. Optical testing or measuring apparatus. 2,349,989; May 30.
Reason, Richard E., assignor to Kapella Limited, Leicester, England. Optical projection system. 2,354,614; July 25.
Reason, Richard E., assignor to Kapella Limited, Leicester, England. Apparatus for measuring or indicating the degree of surface roughness. 2,363,691; Nov. 28.
Reason, Richard E., assignor to Kapella Limited, Leicester, England. Electrical measuring apparatus. 2,365,592; Dec. 19.
Reason, Richard E., and R. I. Garrod, assignors to Kapella Limited, Leicester, England. Apparatus for measuring surface roughness. 2,344,217; Mar. 14.
Reasoner, Horace P., Cheyenne, Wyo. Wrench. 2,355,819; Aug. 15.
Reaume, Lawrence W., assignor to River Raisin Paper Company, Monroe, Mich. Bicycle container. 2,339,947; Jan. 25.
Reavell, James A., London, England. Effecting the evaporation of water and the like. 2,357,286; Sept. 5.
Rebholz, Elmer F., Chicago, Ill., assignor to J. F. Barnes, as trustee. Toy. 2,338,738; Jan. 11.
Reche, Kurt. (See Küpfmüller, K., and Reche.)
Reciprocating Razors Corporation. (See Van Slyke, Victor T., assignor.)
Reckmeyer, Verne H., Binghamton, N. Y., and A. H. Brunner, Jr., Bel Air, Md., assignors to General Aniline & Film Corporation, New York, N. Y. Aminophenol derivative and photographic developer containing it. 2,343,326; Mar. 7.
Reckmeyer, Verne H., and A. H. Brunner, Jr., Binghamton, assignors to General Aniline & Film Corporation, New York, N. Y. Aminophenol derivatives. 2,352,287; June 27.
Reckow, Paul H., Chicago, Ill. Garment hanger. 2,350,859; June 6.
Reconstruction Finance Corporation. (See Anglo California National Bank of San Francisco, The, trustee.)
Reconstruction Finance Corporation. (See de Ganahl, Carl, assignor.)
Reconstruction Finance Corporation. (See Elliott, Erwin B., assignor.)
Reconstruction Finance Corporation. (See Geertz, Eric, assignor.)
Reconstruction Finance Corporation. (See Getz, Charles A., assignor.)
Reconstruction Finance Corporation. (See Getz, C. A., and Kuhles, assignors.)
Reconstruction Finance Corporation. (See Kaweckl, Henry C., assignor.)
Reconstruction Finance Corporation. (See Knox, T., and Stieglitz, assignors.)
Reconstruction Finance Corporation. (See Larsen, Victor A., assignor.)
Reconstruction Finance Corporation. (See Laxer, Harry M., assignor.)
Reconstruction Finance Corporation. (See McLaren, Peter J., assignor.)
Reconstruction Finance Corporation. (See Quarfoot, Harry B., assignor.)
Reconstruction Finance Corporation. (See Quarfoot, H. B., and Harper, assignors.)
Reconstruction Finance Corporation. (See Schur, Milton O., assignor.)
Reconstruction Finance Corporation. (See Williamson, Hilding V., assignor.)
Rector, Jacquelin D., San Leandro, Calif. Coconut meat extractor. 2,365,358; Dec. 19.
Rector, Laurence L., and L. D. Hilton, Fort Worth, Tex. Landing and supporting well tubings. 2,354,929; Aug. 1.
Red, Scott. (See Nichols, Thomas E., assignor.)

Red & White Laundry & Cleaning Company. See Sullivan, Timothy J., assignor.)
Redcay, Aaron K., Baton Rouge, La., assignor to Standard Catalytic Company. Destructive hydrogenation. 2,358,879; Sept. 26.
Redcliff, Frederick J. (See Sharkey, F. W., and Redcliffe.)
Redd, Kilby H., Galax, Va. Lawn mower attachment. 2,339,948; Jan. 25.
Reddaway, F. and Company Limited, et al. (See Peirce, F. T., and Gardiner, assignors.)
Redding, Helen E., et al. (See Hebbard, Charles B., assignor.)
Redemate, Gustav, assignor to Amour and Company, Chicago, Ill. Treatment of sausages and sausage casings. 2,360,728; Dec. 26.
Redfern, William D. (See Gerber, J. S., and Redfern.)
Redfield, Henry L. (See Shaver, F. R., and Redfield.)
Redfield, Leon E., Astoria, N. Y. Advertising display dispenser. 2,354,058; July 18.
Redifusion Limited. (See Rogers, Ernest W., assignor.)
Redin, Roy W., and S. M. Behar, assignors to The Superior Type Company, Chicago, Ill. Marker for cylindrical objects. 2,362,663; Nov. 14.
Redington, F. B., Co. (See Malhiot, Clarence J., assignor.)
Redington, F. B., Co. (See Milmoe, M. J., and Malhiot, assignors.)
Redler Conveyor Company. (See McMullin, Roy A., assignor.)
Redler Conveyor Company. (See Sinden, Alfred D., assignor.)
Redling, Matthew J., Perth Amboy, N. J. Vehicle steering mechanism. 2,353,501; July 11.
Redman, Frank, Washington, Pa., assignor to Hazel-Atlas Glass Company. Clamp-applying apparatus. 2,350,192; May 30.
Redman, William J., Braddock, Pa., and J. M. Shimer, Dallas, Tex., assignors to Oil Well Supply Company. Valve gear for multiple cylinder steam engines or pumps. 2,359,269; Sept. 26.
Redmond, John C. (See Hodll, R. W., and Redmond.)
Redmond, Roland L., New York, N. Y. Seal for hatch covers. 2,360,276; Oct. 10.
Redmond, Sidney D., and A. H. McCoy, Jackson, Miss. Torpedo arrester or insulator. 2,348,094; May 2.
Redmond, William D., Scarsdale, N. Y. Stretcher frame for curtains and the like. 2,347,711; May 2.
Red Star Products, Inc. (See Penney, Harold F., assignor.)
Reece Button Hole Machine Company, The. (See Avis, Samuel W., assignor.)
Reece Button Hole Machine Company, The. (See Ladd, Frederick A., Jr., assignor.)
Reece Button Hole Machine Company, The. (See Putnam, John P., assignor.)
Reece Button Hole Machine Company, The. (See Thornton, David B., assignor.)
Reece, Charles W., Bartonville, and J. F. Cooney, assignors of fifty per cent to said Reece, forty per cent to said Cooney, five per cent to G. E. Boettcher, and five per cent to E. G. Reeder, Springfield, Ill. Lever lock for dispensing devices. 2,363,747; Nov. 28.
Reece Folding Machine Company. (See Reece, R. H., and Gilbert, assignors.)
Reece, Franklin A., Brookline, Mass. Button sewing machine. 2,352,734; July 4.
Reece, Herbert A., Cleveland Heights, Ohio. Cupola apparatus and melting metal. 2,345,502; Mar. 28.
Reece, Herbert A., Cleveland Heights, Ohio. Tuyère. 2,345,503; Mar. 28.
Reece, Herbert A., Cleveland Heights, Ohio. Fluxing material for metallurgical furnaces and operating said furnaces. 2,361,416; Oct. 31.
Reece, Herbert A., Cleveland Heights, Ohio, assignor to Meehanite Metal Corporation. Apparatus for supplying air and the like. 2,354,276; July 25.
Reece, Herbert A., Cleveland Heights, Ohio, and O. Smalley, Pittsburgh, Pa., assignors to Meehanite Metal Corporation. Producing ferrous castings having desired physical properties. 2,352,408; June 27.
Reece, Robert H., Holliston, and A. G. Gilbert, South Acton, assignors to Reece Folding Machine Company, East Cambridge, Mass. Pressing machine. 2,348,264; May 9.
Reed, Charles L., assignor to Larus & Brother Company, Inc., Richmond, Va. Method of and apparatus for treating tobacco. 2,344,106; Mar. 14.
Reed, E. P., & Co. (See Pierson, Harold L., assignor.)
Reed, Edmund A., Des Moines, Iowa. Vehicle signal. 2,342,010; Feb. 15.
Reed, Elza L., assignor to Boeing Aircraft Company, Seattle, Wash. Bevel angle indicator. 2,361,565; Oct. 31.
Reed, Ezra G., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Covering articles. 2,346,948; Aug. 29.
Reed, George E., Omaha, Nebr., assignor to C. C. Bradt, Kansas City, Mo. Close-fit connector. 2,362,664; Nov. 14.
Reed, George M., Upper Darby, and B. W. Mahoney, Drexel Hill, Pa., assignors to General Electric Company. Electrical switchgear. 2,362,304; Nov. 7.
Reed, Harold V., assignor to Borg-Warner Corporation, Chicago, Ill. Friction clutch. 2,354,829; Aug. 1.
Reed, Howard L., Austin, Tex. Recovering minerals. 2,346,360; May 9.
Reed, Howard L., San Antonio, Tex. Recovering minerals. 2,362,216; Nov. 7.
Reed, Howard L., Houston, Tex., assignor of eleven and one-third percent to Fohs Oil Company. Drilling wells. 2,341,572; Feb. 15.
Reed, Howard L., Houston, Tex., assignor of eleven and one-third per cent to Fohs Oil Company. Sealing earth formations. 2,341,573; Feb. 15.
Reed, Howard L., assignor of eleven and one-third per cent to Fohs Oil Company, Houston, Tex. Drilling wells. 2,341,574; Feb. 15.
Reed, Jesse O., Washington, D. C., assignor to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and to his successors in office. Apparatus for melting and processing crude oleoresin. 2,356,798; Aug. 29.
Reed, Jesse O., Washington, D. C., assignor to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Cooker and dehydrator. 2,361,151; Oct. 24.
Reed, Jesse O., Washington, D. C., assignor to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Production of rosin and turpentine. 2,363,692; Nov. 28.
Reed, Malcolm W. (See Elder, F. C., Henry, and Reed.)
Reed Manufacturing Company. (See Petersen, Thorvald, assignor.)
Reed, Neville S. (See Howson, A. V., and Reed.)
Reed-Prentice Corporation. (See Smith, Donald J., assignor.)
Reed-Prentice Corporation. (See Smith, Graydon, assignor.)
Reed, Raymond C. (See Gritsmaker, Rineholdt C., and Reed.)
Reed, Raymond E., assignor, by mesne assignments, to R. E. Lee, doing business as The Leed Company, St. Paul, Minn. Exothermic composition and waving hair. 2,350,926; June 6.
Reed, Raymond E., Norwood, assignor to The Kendall Company, Boston, Mass. Adhesive sheet materials. 2,358,760; Sept. 19.
Reed, Raymond E., Norwood, assignor to The Kendall Company, Boston, Mass. Adhesive sheet materials. 2,358,761; Sept. 19.
Reed Roller Bit Company. (See Childs, W. L., Shaw, and Noble, assignors.)
Reed Roller Bit Company. (See Fermier, George F., assignor.)
Reed Roller Bit Company. (See Fortune, James C., assignor.)
Reed Roller Bit Company. (See Hamaker, Rex G., assignor.)
Reed Roller Bit Company. (See Noble, Wiley B., assignor.)
Reed Roller Bit Company. (See Ohls, Robert L., assignor.)
Reed Roller Bit Company. (See Shaw, John F., assignor.)
Reed Roller Bit Company. (See Stokes, John C., assignor.)
Reed, Russell H., Champaign, Ill., assignor to Food Machinery Corporation, San Jose, Calif. Agricultural apparatus. 2,345,715; Apr. 4.
Reed, Warren B., New Orleans, La. Hydropneumatic pumping jack. 2,363,142; Nov. 21.
Reeder, Eva G., et al. (See Reece, C. W., and Cooney, assignors.)
Reeder, L. D., et al. (See Yashan, Leonard A., assignor.)
Reeder, Leo E., assignor to Sport Products Inc., Cincinnati, Ohio. Manufacture of inflatable game balls. 2,344,638; Mar. 21.
Reedman, Harry, Lincoln, England. Extrusion molding machine. 2,338,203; Jan. 4.
Reek, Ashley J. (See Miller, W. J., and Reek.)
Reenstierna, Gustaf L., assignor of one-half to M. M. Polcari, Union City, N. J. Holder. 2,360,162; Oct. 10.
Rees, Frank X., assignor to General Railway Signal Company, Rochester, N. Y. Coded track circuit signaling system. 2,353,930; July 18.
Rees, Fred J. (See Webster, L. G., and Rees.)
Rees, George E., assignor to Trojan Powder Company, Allentown, Pa. Making crackle finish. 2,350,818; June 6.
Reese, Garland W. (See Erb, G. C., and Reese.)
Reese, Garland W., Chappaqua, assignor to American Can Company, New York, N. Y. Container. 2,355,108; Aug. 8.
Reese, John D., Philadelphia, Pa. Dermatome. 2,366,054; Dec. 26.
Reese, John S., IV. (See Coffman, D. D., and Reese, IV.)
Reese, Lewis P. (See Miller, W. J., and Reese.)
Reeve, Murlin, Royal Oak, Mich. Taper boring tool. 2,357,132; Aug. 29.
Reeves, Arthur, Halet, Quebec, Canada. Device for removing elements from shafts. 2,359,677; Oct. 3.
Reeves, Arthur E., Los Angeles, Calif. Light change apparatus. 2,356,885; Aug. 29.
Reeves, Donald H., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,343,581; Mar. 7.

Reeves, Edward D., Cranford, N. J., assignor to Standard Oil Development Company. Catalytic isomerization. 2,344,467; Mar. 14.
Reeves, Edward D., Cranford, N. J., assignor to Standard Oil Development Company. Conversion of hydrocarbon oils. 2,348,646; May. 9.
Reeves, Edward D., Cranford, N. J., assignor to Standard Oil Development Company. Treating hydrocarbon fluids. 2,354,546; July 25.
Reeves, Edward D., Cranford, and P. H. Holt, 2nd, Summit, N. J., assignors to Standard Oil Development Company. Treating hydrocarbon fluids. 2,344,900; Mar. 21.
Reeves, Edward D., Cranford, and K. K. Kearby, Elizabeth, N. J., assignors to Standard Oil Development Company. Catalytic process. 2,348,647; May 9.
Reeves, Huzard E., New York, N. Y. Announcing apparatus. 2,342,555; Feb. 22.
Reeves, Herbert M. Kankakee, Ill., assignor to Florence Stove Company, Gardner, Mass. Accessory mounting for cooking ranges. 2,349,307; May 23.
Reeves, John S., Baltimore, Md. Decorticating machine. 2,341,290; Feb. 8.
Reeves, Paul B., assignor to Reeves Pulley Company, Columbus, Ind. Remote control mechanism. 2,355,587; Aug. 8.
Reeves Pulley Company. (See Perry, William R., assignor.)
Reeves Pulley Company. (See Reeves, Paul B., assignor.)
Reeves, Richard E., Yonkers, N. Y., assignor to The Chemical Foundation, Incorporated. Treatment of cellulosic material to increase its reactivity. 2,344,411; Mar. 14.
Reeves, William B., and E. L. Utsinger, Phillips, Tex., assignors to Phillips Petroleum Company. Pumping system. 2,347,751; May 2.
Refining Unincorporated. (See Clayton, Benjamin, assignor.)
Reflectone Corp., The. (See Simjian, Luther G., assignor.)
Regan, John E. (See Taylor, W. J., Regan, Klyver, and Kuhn.)
Regenhardt, Walter F., Wooster, Ohio. Filing cabinet. 2,344,168; Mar. 14.
Regents of the University of Minnesota. (See Smith, L. L., and Sprung, assignors.)
Reger, Phyllis C. (See Reger, William M., Jr., and P. C.)
Reger, William M., Jr., and P. C., Saginaw, Mich. Pin for securing curls. 2,365,002; Dec. 12.
Regester, Ramsay G., Philadelphia, Pa., assignor, by mesne assignments, to J. M. Cole, New York, N. Y. Sign. 2,361,354; Oct. 24.
Reggio, Ferdinando C., Detroit, Mich., assignor to Caterpillar Tractor Company, Peoria, Ill. Fuel injection system. 2,354,408; July 25.
Reggio, Ferdinando C., Buffalo, N. Y. Regulating device. 2,364,817; Dec. 12.
Register, J. Willard, temporary administrator. (See Garner, Lue O., assignor.)
Regna, Peter P. (See Pasternack, R., and Regna.)
Rehberg, Chessie E., Philadelphia, and C. H. Fisher, Abington, Pa., assignors to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Allyl and methallyl esters of alpha-hydroxy-isobutyric and alpha-acetoxy-isobutyric acids. 2,355,330; Aug. 8.
Rehfield, Earl R., Chicago, Ill. Seal applying machine. 2,349,197; May 16.
Rehfeld, George W., Manhattan, Kans. Jetty structure for controlling river and surface water. 2,341,515; Feb. 15.
Rehm, Gustav A., assignor to Riley Stoker Corporation. Worcester, Mass. Steam generator. 2,354,059; July 18.
Rehm, William, assignor, by mesne assignments, to Manning, Bowman & Co., Meriden, Conn. Cooking unit. 2,342,692; Feb. 29.
Rehn, Herman K., Amherst, Mass. Auxiliary bicycle seat. 2,354,881; Aug. 1.
Rehner, John, Jr., Wadsworth, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Making fine particle size carbon black. 2,356,471; Aug. 22.
Reiber, Albert H., Evanston, assignor to Teletype Corporation, Chicago, Ill. Printing telegraph apparatus. Re. 22,453; Mar. 7.
Reiber, Albert H., Evanston, assignor to Teletype Corporation, Chicago, Ill. Telegraph transmitter. 2,339,293; Jan. 18.
Reiber, Albert H., Evanston, assignor to Teletype Corporation, Chicago, Ill. Pressure booster apparatus. 2,345,289; Mar. 28.
Reiber, Albert H., Evanston, assignor to Teletype Corporation, Chicago, Ill. Printing telegraph apparatus. 2,351,636; June 20.
Reiber, Albert H., Evanston, assignor to Teletype Corporation, Chicago, Ill. Printing telegraph apparatus. 2,351,784; June 20.
Reiber, Albert H., Evanston, assignor to Teletype Corporation, Chicago, Ill. Printing telegraph apparatus. 2,351,785; June 20.
Reiber, Albert H., Evanston, assignor to Teletype Corporation, Chicago, Ill. Printing telegraph apparatus. 2,352,155; June 20.
Reich, Ernest. (See Sivley, Garland A., assignor.)
Reich, Gustave T., Philadelphia, Pa. Processing materials. 2,343,706; Mar. 7.
Reich, Gustave T., Philadelphia, Pa. Method and apparatus for processing food products. 2,353,784; July 18.
Reich, Sidney L., et al. (See Sturken, Oswald C. H., assignor.)
Reichart, James H., Muncie, Ind. Endless, self-clamping handled band. 2,361,417; Oct. 31.
Reichart, James H., Muncie, Ind. Detachable handle for open vessels. 2,362,720; Nov. 14.
Reichard, Wade H., assignor to General Railway Signal Company, Rochester, N. Y. Coded track circuit signaling system. 2,353,931; July 18.
Reichart, Josef. (See Pfannmüller, W., and Reichart.)
Reichel & Drews, Inc. (See Moffitt, Roy M., assignor.)
Reichel, Frank H., assignor to Sylvania Industrial Corporation, Fredericksburg, Va. Producing and treating tubing. 2,346,187; Apr. 11.
Reichel, Frank H., assignor to Sylvania Industrial Corporation, Fredericksburg, Va. Process and apparatus for producing pellicles. 2,364,552; Dec. 5.
Reichel, Maximilian K., Albany, assignor to General Aniline & Film Corporation, New York, N. Y. Stabilized diazo-type sensitive material. 2,354,088; July 18.
Reichel, Wladimir A., Hackensack, assignor to Bendix Aviation Corporation, Bendix, N. J. Air-speed indicator. 2,363,143; Nov. 21.
Reichelt, Lester O., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Material handling apparatus. 2,339,194; Jan. 11.
Reichelt, Lester O., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Multiple unit apparatus. 2,349,882; May 30.
Reichelt, Lester O., Cranford, and G. C. Spillman, Roselle, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Conveyer control apparatus. 2,341,386; Feb. 8.
Reichenbach, Albert T. (See Forsythe, J. W., and Reichenbach.)
Reichenbach, Howard F., assignor to Chase Brass & Copper Co., Incorporated, Waterbury, Conn. Holder for lipsticks and the like. 2,352,448; June 27.
Reichenstein, Wilfred R., assignor to The Fairfield Engineering Company, Marion, Ohio. Control device. 2,349,519; May 23.
Reichert, Carl E. (See Kemmer, P. H., and Reichert, and Spere.)
Reichert, Carl E., Dayton, Ohio. Differentially controlled surface for lateral and directional control. 2,363,550; Reichert, Conrad, assignor to O. S. Petty, San Antonio, Tex. Seismic recording system. 2,340,770; Feb. 1.
Reichert, Ellsworth, Baldwin, Md. Sunglass attachment for eyeglasses. 2,351,287; June 13.
Reichert, Harold E., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Tension indicator and control. 2,348,895; May 9.
Reichert, Joseph S., S. A. McNeight, and A. A. Elston, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilization of peracid solutions. 2,347,434; Apr. 25.
Reichert, Joseph S., S. A. McNeight, and A. A. Elston, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Detergent compositions. 2,362,401; Nov. 7.
Reichheim, Edward, Old Greenwich, Conn., assignor to American Locomotive Company, New York, N. Y. Liquid filter. 2,348,925; May 16.
Reichhold Chemicals, Inc. (See Hodgins, T. S., Hewett, and Hovey, assignors.)
Reichle, Frederick J., assignor to Brown & Bigelow, St. Paul, Minn. Key case, token, coin holder. 2,359,154; Sept. 26.
Reichstein, Tadeus. (See Ruzicka, L., and Reichstein.)
Reichstein, Tadeus, Basel, Switzerland, assignor to the firm of Roche-Organon Incorporated, Nutley, N. J. Cyclopentanopolyhydrophenanthrene hydroxy aldehydes and esters thereof. 2,345,216; Mar. 28.
Reichstein, Tadeus, Basel, Switzerland, assignor to the firm of Roche-Organon Incorporated, Nutley, N. J. Manufacture of esters of the suprarenal cortical hormone series. 2,357,224; Aug. 29.
Reichstein, Tadeus, Basel, and H. Frey, Olten, Switzerland, assignors to Ciba Pharmaceutical Products Incorporated, Summit, N. J. Compounds of the saturated and unsaturated cyclopentanopolyhydrophenanthrene-series and derivatives thereof, and preparing same. 2,352,568; June 27.
Reid, Arthur E., Gates, assignor to General Railway Signal Company, Rochester, N. Y. Highway crossing signal system. 2,344,732; Mar. 21.
Reid Brothers Company. (See Woodbury, Stephen E., assignor.)
Reid Brothers Company. (See Woodbury, Stephen E. and S. E., Jr., assignors.)
Reid, Ebenezer E. (See Francis, A. W., and Reid.)
Reid, Elliott G., Palo Alto, Calif., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,353,266; July 11.
Reid, Frederick M., assignor to Fruehauf Trailer Company, Detroit, Mich. Fifth wheel construction. 2,353,267; July 11.
Reid, Howard W., Alexandria, Va. Wheel tire or rim. 2,362,584; Nov. 14.

Reid, James A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Polymerisation process. 2,355,925; Aug. 15.

Reid, James A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Lubricating oil. 2,360,446; Oct. 17.

Reid, James S., Shaker Heights, Ohio, assignor to The Standard Products Company, Detroit, Mich. Scuff plate. 2,348,648; May 9.

Reid, Janis R. (See Rakowsky, V., and Reid.)

Reid, John D., Philadelphia, Pa., assignor to Radio Corporation of America. Frequency discriminator network. 2,341,240; Feb. 8.

Reid, John J. (See Olsen, M. R., Reid, and Higgins.)

Reid, Laurance S., Oklahoma City, Okla. Method of and apparatus for recovering desirable petroleum hydrocarbon fractions from high pressure wells. 2,364,660; Dec. 12.

Reid, Oliver W., and E. D. Erasmus, Germiston, Union of South Africa. Liquid level measuring apparatus. 2,357,023; Aug. 29.

Reid, Ralph A., Beverly, Mass., assignor to General Electric Company. Signaling apparatus. 2,339,111; Jan. 11.

Reid, Robert B., Grosse Pointe, and G. A. Preston, Detroit, Mich. Shade. 2,339,878; Jan. 25.

Reid, Robert W., San Jose, Calif., assignor to American Can Company, New York, N. Y. Sheet feeding mechanism. 2,357,850; Sept. 12.

Reid and Sigrist Limited. (See Bower, Charles, assignor.)

Reid, William L., Saginaw, assignor to General Motors Corporation, Detroit, Mich. Alternative two or four wheel steering. 2,354,830; Aug. 1.

Reiff, Orland M. (See Otto, F. P., and Reiff.)

Reiff, Orland M., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Mineral oil lubricant. 2,350,368; June 6.

Reiff, Orland M., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Mineral oil. 2,355,240; Aug. 8.

Reiff, Orland M., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Mineral oil. 2,359,331; Oct. 3.

Reiff, Orland M., and A. P. Kozacik, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Plastic composition and making the same. 2,349,198; May 16.

Reiff, Orland M., and J. D. Zech, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Plastic reaction products of conjugated olefins with wax substituted aromatic compounds. 2,349,759; May 23.

Reiff, Orland M., and J. J. Giammaria, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Mineral oil composition. 2,357,287; Sept. 5.

Reiff, Orland M., and J. J. Giammaria, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Mineral oil composition and improving agent therefor. 2,357,359; Sept. 5.

Reifsnyder, Guy C., Allentown, Pa. Mouth spray syringe. 2,355,012; Aug. 1.

Reijnst, Maximilien F., Eindhoven, Netherlands; vested in the Alien Property Custodian. Device for ascertaining the output or input of reciprocating engines. 2,349,560; May 23.

Reiland, Frank D. (See Reiland, George N., assignor.) Nov. 28.

Reiland, George N., Wisconsin Rapids, Wis., assignor to F. D. Reiland, Chicago, Ill. Two directional combustion engine. 2,363,804; Nov. 28.

Reiling, Victor G., assignor to The Dayton Rubber Mfg. Company, Dayton, Ohio. Belt. 2,347,798; May 2.

Reilly, Alfred F., assignor to Evans Case Company, North Attleboro, Mass. Compact. 2,346,453; Apr. 11.

Reilly, Frank E., Chicago, and C. Holsinger, River Forest, Ill., assignors to Electrographic Corporation, New York, N. Y. Making printing plates. 2,359,385; Oct. 3.

Reilly, John H., assignor to The Dow Chemical Company, Midland, Mich. Embossing crystalline polymeric material. 2,345,629; Apr. 4.

Reilly Tar & Chemical Corporation. (See Cislak, F. E., and Wheeler, assignors.)

Reilly, William P. (See Tingley, C. W., and Reilly.)

Reimer, Herman C., Oak Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Article handling apparatus. 2,355,820; Aug. 15.

Rein, Herbert. (See Hubert, E., and Rein.)

Reinecke, Erwin P., assignor to Eagle Signal Corporation, Moline, Ill. Timing mechanism. 2,352,449; June 27.

Reinecke, Jean O. (See Bernhardt, R., and Reinecke.)

Reiner, Laszlo. (See Buck, J., and Reiner.)

Reiner, Leo A., Detroit, Mich. Scaffold. 2,359,583; Oct. 3.

Reiner, Robert, Incorporated. (See Klumpp, F., and Colvin, assignors.)

Reiner, Robert, Incorporated. (See Lambach, Fritz, assignor.)

Reiners, Walter. (See Esser, W., Kahlisch, and Reiners.)

Reiners, Walter, and S. Fürst, Gladbach-Rheydt, Germany; vested in the Alien Property Custodian. Yarn guide. 2,350,928; June 6.

Reiners, Wilhelm, Gladbach-Rheydt, and G. Kahlisch, Rheydt, Germany; vested in the Alien Property Custodian. Cross winding frame. 2,350,927; June 6.

Reiners, Wilhelm, Gladbach-Rheydt, G. Kahlisch, Rheydt, and S. Fürst, Gladbach-Rheydt, Germany; vested in the Alien Property Custodian. Traversing means for winding machines. 2,365,434; Dec. 19.

Reinhardt, Albrecht E., Milton, M. G. J. Boissevain, Arlington, A. H. Shapiro, Cambridge, and C. A. Cady, Boston, Mass., assignors, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Formula compounding apparatus. 2,348,149; May 2.

Reinhardt, George D., San Antonio, Tex. Refrigerating cabinet. 2,347,642; May 2.

Reinhardt, John C., and C. F. Sexton, Omaha, Nebr., assignors to American Smelting and Refining Company, New York, N. Y. Process of refining metals. 2,359,718; Oct. 3.

Reinhardt, Louis W., Brockton, assignor to George E. Belcher Company, Stoughton, Mass. Shoe tree. 2,341,506; Feb. 8.

Reinhardt, Louis W., Brockton, assignor to G. E. Belcher Company, Stoughton, Mass. Shoe tree. 2,357,087; Sept. 5.

Reinhardt, Otto A. (See Honert, J. H., and Reinhardt, O. A. and W. J.)

Reinhardt, Robert C. (See Lowry, R. D., and Reinhardt.)

Reinhardt, Robert C., R. L. Jones, and L. N. Blackhurst, assignors to The Dow Chemical Company, Midland, Mich. Shaft seal. 2,354,478; July 25.

Reinhardt, Walter J. (See Honert, J. H., and Reinhardt, O. A. and W. J.)

Reinholz, William H., Irondequoit, N. Y. Folding go-cart. 2,341,117; Feb. 8.

Reinholz, William H., Irondequoit, N. Y. Baby walker. 2,352,450; June 27.

Reinholz, William H., Irondequoit, N. Y. Collapsible seat. 2,365,003; Dec. 12.

Reininger, Gustave M., Fort Mitchell, Ky. Inclinometer. 2,353,586; July 11.

Reinsch, Earl W., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Fluid separator apparatus. 2,359,386; Oct. 3.

Reis, Arthur M., assignor to Robert Reis & Co., New York, N. Y. Man's undergarment. 2,356,696; Aug. 22.

Reis, Joseph J., Jr., Catonsville, Md., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Process and apparatus for producing filaments. 2,356,886; Aug. 29.

Reis, Robert & Co. (See Reis, Arthur M., assignor.)

Reiser, Leo, assignor to A. O. Smith Corporation, Milwaukee, Wis. Support for spherical pressure vessels. 2,363,992; Nov. 28.

Reising, Eugene G., Hartford, Conn. Firearm. 2,356,726; Aug. 22.

Reising, Eugene G., Hartford, Conn. Firearm. 2,356,727; Aug. 22.

Reising, Eugene G., Hartford, Conn. Flash hider. 2,356,728; Aug. 22.

Reiskind, Hillel I., Indianapolis, Ind., assignor to Radio Corporation of America. Lamp modulated recording method and system. 2,360,012; Oct. 10.

Reiskind, Hillel I., Indianapolis, Ind., assignor to Radio Corporation of America. Control track stabilizing method and system. 2,363,361; Nov. 21.

Reisser, Vernon H., Omaha, Nebr. Road working machine. 2,339,518; Jan. 18.

Reissner, Hans, Chicago, Ill. Aircraft propeller construction. 2,344,266; Mar. 14.

Reissner, Hans, Chicago, Ill. Propeller construction for aircraft or the like. 2,364,871; Dec. 12.

Reissner, Hans, Chicago, Ill. Screw propeller, particularly for aircraft. 2,365,214; Dec. 19.

Reisz, Eugen, New York, N. Y. Telegraph system. 2,360,719; Oct. 17.

Reiter, Alexander L. (See Smith, J. T., and Reiter.)

Reiter, Otis F., assignor to Fastpic Corporation, Baltimore, Md. Stone picking machine. 2,362,402; Nov. 7.

Reittinger, Paul W., Phoenix, Ariz. Coat hanger. 2,346,276; Apr. 11.

Reitz, Henry C., Berkeley, Calif., assignor to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Proteinous compositions and their production. 2,344,267; Mar. 14.

Reitz, Hjalmar, Jr., Johannesburg, Transvaal, Union of South Africa. Anesthetic apparatus. 2,342,602; Feb. 22.

Reliable Electric Company. (See Saul, James, assignor.)

Reliance Electric and Engineering Company, The. (See Smith, R. H., Miller, and Dunning, assignors.)

Reliance Machine and Tool Company. (See May, Thomas L., assignor.)

Reliance Manufacturing Company. (See Bard, A. T., and Wenzel, assignors.)

Reliance Steel Products Company. (See Bulmer, William C., assignor.)

Reliance Steel Products Company. (See Nagin, Harold, assignor.)

Rembert, William E., Shreveport, La. Well pump. 2,338,800; Jan. 4.

Rembold, Albert A., San Francisco, Calif. Card for sequence sorting. 2,339,519; Jan. 18.

Remey, John T., New York, N. Y. Sky writing with a plurality of airplanes. 2,345,152; Mar. 28.

Remey, John T., New York, N. Y. Method of and recorded control for sky writing. 2,345,153; Mar. 28.

Remey, John T., New York, N. Y. Sky writing timing apparatus and method. 2,345,154; Mar. 28.

Remick, Walter L., Hasleton, Pa. Apparatus for and method of separating mixed materials. 2,352,972; July 4.

Remington Arms Company. (See Ahlstrom, Edward F., assignor.)

Remington Arms Company. (See Ballou, Charles O., assignor.)

Remington Arms Company. (See Barnes, Charles H., assignor.)

Remington Arms Company. (See Barry, J. P., and Avery, assignors.)

Remington Arms Company. (See Belveal, Robert F., assignor.)

Remington Arms Company. (See Birdsall, Edwin H., assignor.)

Remington Arms Company. (See Bradford, Colin I. assignor.)

Remington Arms Company. (See Brown, H. A., and Barnes, assignors.)

Remington Arms Company. (See Brün, Willi, assignor.)

Remington Arms Company. (See Brün W., and Burdett, assignors.)

Remington Arms Company. (See Brün, W., and Calhoun, assignors.)

Remington Arms Company. (See Burdett, Philip H., assignor.)

Remington Arms Company. (See Burdett, P. H., and Calhoun, assignors.)

Remington Arms Company. (See Burdett, P. H., Reynolds, and Turner, assignors.)

Remington Arms Company. (See Burrows, L. A., and Brün, assignors.)

Remington Arms Company. (See Butler, B. F., and Hirdler, assignors.)

Remington Arms Company. (See Calhoun, G. M., and Rutherford, assignors.)

Remington Arms Company. (See Catlin, J. P., and Eckstein, assignors.)

Remington Arms Company. (See Christensen, E. R., and Burr, assignors.)

Remington Arms Company. (See Cook, Judson A., assignor.)

Remington Arms Company. (See Coxe, Charles D., assignor.)

Remington Arms Company. (See Crawford, Archie B., assignor.)

Remington Arms Company. (See Deam, A. A., and Eckstein, assignors.)

Remington Arms Company. (See Du Pont, F. G., and Barker, assignors.)

Remington Arms Company. (See English, Myrle H., assignor.)

Remington Arms Company. (See Eslinger, Nicholas, assignor.)

Remington Arms Company. (See Gagne, Antoine F., Jr., assignor.)

Remington Arms Company. (See Hackman, Harvey J., assignor.)

Remington Arms Company. (See Hotchkiss, Harry D., assignor.)

Remington Arms Company. (See House, Herbert E., assignor.)

Remington Arms Company. (See Johnston, James L., assignor.)

Remington Arms Company. (See Langkammerer, Carl M., assignor.)

Remington Arms Company. (See Loomis, Crawford C., assignor.)

Remington Arms Company. (See Lowe, Kenneth J., assignor.)

Remington Arms Company. (See Moffitt, Edward J., assignor.)

Remington Arms Company. (See Newell, Lester S., assignor.)

Remington Arms Company. (See Ogilvie, C. B., Nickell, and Colley, assignors.)

Remington Arms Company. (See Payne, Roland S., assignor.)

Remington Arms Company. (See Pickard, Paul S., assignor.)

Remington Arms Company. (See Powers, W. J., Jr., and McBerty, assignors.)

Remington Arms Company. (See Reynolds, Warren S., assignor.)

Remington Arms Company. (See Reynolds, W. S., and Turner, assignors.)

Remington Arms Company. (See Riddle, Allen O., Jr., assignor.)

Remington Arms Company. (See Sarulla, Charles, assignor.)

Remington Arms Company. (See Schilling, A. A., and Curran, assignors.)

Remington Arms Company. (See Snodgrass, Forrest W., assignor.)

Remington Arms Company. (See Sweany, John B., assignor.)

Remington Arms Company. (See Tienken, L. C., Jr., and Vordahl, assignors.)

Remington Arms Company. (See Vordahl, Milton B., assignor.)

Remington Arms Company. (See Whipple, Ernest G., assignor.)

Remington Arms Company. (See Yablonsky, Joseph L., assignor.)

Remington Arms Company. (See Yost, Kenneth J., assignor.)

Remington, Leland F., assignor to Curtis & Marble Machine Company, Worcester, Mass. Cutting mechanism for woolen shears. 2,362,770; Nov. 14.

Remington, Leland F., and C. H. Coolidge, assignors to Curtis & Marble Machine Company, Worcester, Mass. Doubling machine. 2,362,771; Nov. 14.

Remington Rand Inc. (See Ferry, John T., assignor.)

Remington Rand Inc. (See Hanes, Harvey, assignor.)

Remington Rand Inc. (See Heybourne, Victor C., assignor.)

Remington Rand Inc. (See Lasker, William W., Jr., assignor.)

Remington Rand Inc. (See Mixer, Harold P., assignor.)

Remington Rand Inc. (See Rand, James H., Jr., assignor.)

Remington Rand Inc. (See Read, David Y., assignor.)

Remington Rand Inc. (See Rindfleisch, Arthur G., assignor.)

Remington Rand Inc. (See Roggenstein, Edwin O., assignor.)

Remington Rand Inc. (See Streng, Jan, assignor.)

Remington Rand Inc. (See Upham, Harry E., assignor.)

Remington Rand Inc. (See Wolters, Carl F., assignor.)

Remington Rand Inc. (See Wolters, C. F., and Watkins, assignors.)

Remler, Raymond F. (See Boller, E. R., and Remler.)

Rempe Company. (See Vogel, Arthur G., assignor.)

Rempt, Henry F., Van Nuys, assignor to Lockheed Aircraft Corporation, Burbank, Calif. Flexible pipe clamp. 2,340,560; Feb. 1.

Remy, Marc de B., Detroit, Mich. Plastic compound and making same. 2,355,180; Aug. 8.

Remy, Theron P., Los Angeles, Calif. Treatment of hydrocarbons with radioactive materials. 2,350,330; June 6.

Rench, Guy L., Owosso, Mich., and M. E. Gnaven, assignors to The Bauer Brothers Company, Springfield, Ohio. Hammer mill. 2,360,892; Oct. 24.

Rench, Harry D., Racine, Wis., assignor to Bigelow-Sanford Carpet Co., Inc., Thompsonville, Conn. Cleaning composition. 2,344,268; Mar. 14.

Rendelstein, Max, Brussels, Belgium; vested in the Alien Property Custodian. Blower. 2,357,279; Aug. 29.

Render, Emmett A., New Philadelphia, Ohio. Adjustable die for forming curved bricks. 2,346,393; Apr. 11.

Renfro, Randolph H., McPherson, Kans. Spoon dispenser. 2,340,561; Feb. 1.

Renfroe, Joseph C., Jacksonville, Fla. Steel plate lifting tongs. 2,360,365; Oct. 17.

Renfroe, Joseph C., Jacksonville, Fla. Steel plate lifting tongs. 2,360,366; Oct. 17.

Renfrow, W. T. (See Lance, Ermil O., assignor.)

Renlm, Inc. (See Miner, Frederick M., Jr., assignor.)

Rennecamp, Clarence, assignor to Automatic Control Corporation, St. Louis, Mo. Accessory circuit switch. 2,353,075; July 4.

Renner & Company. (See Renner, Frank, assignor.)

Renner, Frank, assignor to Renner & Company, Chicago, Ill. Cover for containers. 2,355,559; Aug. 8.

Renner, Fred H., Milwaukee, Wis. Fixture support. 2,349,003; May 16.

Renner, Harold G., Detroit, Mich. Abrasive wheel dresser. 2,360,013; Oct. 10.

Renner, Herbert O., Des Plaines, assignor, by mesne assignments, to J. R. Short Milling Company, Chicago, Ill. Treating fatty material. 2,349,377; May 23.

Renner, Herbert O., Des Plaines, assignor, by mesne assignments to J. R. Short Milling Company, Chicago, Ill. Apparatus for treating fatty materials. 2,349,378; May 23.

Rennerfelt, Ivar, Djursholm, Sweden. Powder metallurgical methods. 2,362,772; Nov. 14.

Rennie, Edward J. (See Shellmer, H., and Rennie.)

Renoll, Mary W., Dayton, Ohio., assignor to Monsanto Chemical Company, St. Louis, Mo. Preparation of 1-chloro-1-fluoro ethylene. 2,344,061; Mar. 14.

Renoll, Mary W., Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Polymeric dihalo-ethylene compound. 2,362,094; Nov. 7.

Renoll, Mary W., Oakwood, Ohio, assignor to Monsanto Chemical Company. Difluoroalkanes. 2,364,818; Dec. 12.

Renshaw, Samuel, assignor to The Ohio State University Research Foundation, Columbus, Ohio. Stereo-disparator. 2,362,857; Nov. 14.

Rentschler, Harvey C. (See Nagy, R., and Rentschler.)

Renz, Alfred F., assignor to Morheat Corporation, Milwaukee, Wis. Steam generator. 2,359,155; Sept. 26.

Renz, George J., Middle Village, N. Y. Ink fountain for disk ruling machines. 2,357,366; Sept. 5.

Repass, James E., assignor to Draper Corporation, Hopedale, Mass. Intermittent selvage trimming device. 2,353,076; July 4.

Repass, James E., assignor to Draper Corporation, Hopedale, Mass. Intermittent temple thread cutter. 2,353,077; July 4.

Repass, James E., assignor to Draper Corporation, Hopedale, Mass. Intermittent thread cutting mechanism. 2,353,078; July 4.

Repking, Joseph T., East Chicago, Ind. Electronic alarm. 2,355,752; Aug. 15.

Replogle, Carl S., et al., executors. (See Replogle, Daniel B.)

Replogle, Daniel B., deceased, Berkeley, by Bank of America National Trust & Savings Association, San Francisco, C. S. Replogle, Piedmont, H. E. Queen and L. H. Bullock, Berkeley, Calif., executors; said D. B. Replogle, assignor to The Ohio Citizens Trust Company, Toledo, Ohio, as trustee. Detecting indicator for air-method cleaning systems. Re. 22,501; June 20.

Replogle, Daniel B., Berkeley, Calif., deceased, Bank of America National Trust and Savings Association, C. S. Replogle, H. E. Queen, and L. H. Bullock, executors, assignors to The Ohio Citizens Trust Company, Toledo, Ohio, trustee. Spectacular dust indicator for airway sanitary cleaning systems. 2,349,832; May 30.

Replogle, Daniel B., Berkeley, Calif., deceased; Bank of America National Trust and Savings Association, C. S. Replogle, H. E. Queen, and L. H. Bullock, executors, assignors to The Ohio Citizens Trust Company, Toledo, Ohio, trustee. Dust indicator for air-method cleaning system. 2,351,068; June 13.

Replogle, Daniel B., deceased, Berkeley, Calif., Bank of America National Trust and Savings Association, C. S. Replogle, H. E. Queen, and L. H. Bullock, executors, assignors to The Ohio Citizens Trust Company, Toledo, Ohio, trustee. Dust indicator for air-method cleaning systems. 2,353,621; July 11.

Replogle, Daniel B., Berkeley, Calif., deceased; Bank of America National Trust and Savings Association, C. S. Replogle, H. E. Queen, and L. H. Bullock, executors, assignors to The Ohio Citizens Trust Company, Toledo, Ohio, trustee. Dust arresting indicator for suction cleaners. 2,354,089; July 18.

Reppe, Walter, and O. Hecht, Ludwigshafen-on-the-Rhine, and E. Gassenmeier, Mannheim, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Organic nitrogen compounds and producing same. 2,342,493; Feb. 22.

Reppe, Walter, and O. Hecht, Ludwigshafen-on-the-Rhine, and E. Oschatz, Mannheim, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Solvent for organic film-forming materials. 2,345,427; Mar. 28.

Reppe, Walter, and O. Hecht, Ludwigshafen-on-the-Rhine, and E. Oschatz, Maunheim, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Solvents for organic film-forming materials. 2,362,858; Nov. 14.

Reppert, Roland, Pelham Manor, assignor to American Hard Rubber Company, New York, N. Y. Closure for battery box covers. 2,344,412; Mar. 14.

Republic Aviation Corporation. (See Kaiser, Robert A., assignor.)

Republic Aviation Corporation. (See Miller, Robert W., assignor.)

Republic Aviation Corporation. (See Rudnick, Benjamin, assignor.)

Republic Flow Meters Company. (See Lindemann, George E., assignor.)

Republic Flow Meters Company. (See Rosenberger, Albert J., assignor.)

Republic Steel Corporation. (See Morgan, Milton F., assignor.)

Rerick, Albert H., South Bend, and E. B. Rausch, Bremen, assignors to The Studebaker Corporation, South Bend, Ind. Tire and wheel assembly machine. 2,353,187; July 11.

Research and Development Corporation. (See Curry, Clayton C., assignor.)

Research Corporation. (See Burkholder, Paul R., assignor.)

Research Corporation. (See Coey, Stewart C., assignor.)

Research Corporation. (See Coey, S. C., and Spiselman, assignors.)

Research Corporation. (See Elgin, Joseph C., assignor.)

Research Corporation. (See Engelman, Herman C., assignor.)

Research Corporation. (See Fieser, Louis F., assignor.)

Research Corporation. (See Gannone, Anthony S., assignor.)

Research Corporation. (See Hedberg, Carl W. J., assignor.)

Research Corporation. (See Meston, Archibald F., assignor.)

Research Corporation. (See Milas, Nicholas A., assignor.)

Research Corporation. (See Proescher, F., and Sycheff, assignors.)

Research Corporation. (See Snell, Esmond E., assignor.)

Research Corporation. (See Stern, Kurt G., assignor.)

Research Corporation. (See Wallis, E. S., and Bernstein, assignors.)

Research Corporation. (See Wallis, E. S., and nath Chakravorty, assignors.)

Research Corporation. (See Williams, R. R., and Cline, assignors.)

Research Products Corporation. (See Heebink, Bruce G., assignor.)

Research Products Corporation. (See Weiss, Howard F., assignor.)

Resinous Products & Chemical Company, The. (See Bruson, Herman A., assignor.)

Resinous Products & Chemical Company, The. (See Bruson, H. A., and Riener, assignors.)

Resinous Products & Chemical Company, The. (See Cheetham, H. C. and Myers, assignors.)

Resinous Products & Chemical Company, The. (See Eastes, John W., assignor.)

Resinous Products & Chemical Company, The. (See Eastes, J. W., and Averill, assignors.)

Resinous Products & Chemical Company, The. (See Myers, Frederick J., assignor.)

Resinous Products & Chemical Company, The. (See Myers, Robert J., assignor.)

Resinous Products & Chemical Company, The. (See Myers, R. J., and Eastes, assignors.)

Resinous Products & Chemical Company, The. (See Myers, R. J., and Herr, assignors.)

Resinous Products & Chemical Company, The. (See Niederhauser, W. S., and Miller, assignors.)

Resinous Products & Chemical Company, The. (See Pearce, William T., assignor.)

Resinous Products & Chemical Company, The. (See Robinson, J. D., and Myers, assignors.)

Resistoflex Corporation. (See Dangelmajer, Charles, assignor.)

Resistoflex Corporation. (See MacWilliam, Wallace, assignor.)

Resnick, Dave. (See Marder, E., and Moses, assignors.)

Respess, Jerome E. (See Herrick, Nelson, assignor.)

Ressinger, Paul M., Chicago, Ill. Illuminated display device. 2,344,639; Mar. 21.

Ressinger, Paul M., Chicago, Ill. Display device. 2,360,014; Oct. 10.

Ressinger, Paul M., Chicago, Ill. Combined display case and light source therefor. 2,362,095; Nov. 7.

Ressler, Hugh C. (See Hogan, J. V. L., Ressler, and Tribble.)

Ressler, Hugh C., West Brighton, N. Y. Single position clutch. 2,361,360; Oct. 24.

Ressler, Hugh C., West Brighton, Staten Island, assignor to Faximile, Inc., New York, N. Y. Synchronizing signal generator. 2,342,693; Feb. 29.

Retherford, Robert C. (See Eaton, R. D., and Retherford.)

Retterath, Valentin, Iversheim, near Munstereifel, Germany; vested in the Alien Property Custodian. Rail fastening. 2,350,819; June 6.

Rettew, Granville R., assignor to Chester County Mushroom Laboratories, West Chester, Pa. Mushroom spawn and substrate therefor. 2,338,259; Jan. 4.

Rettinger, Michael, Encino, Calif., assignor to Radio Corporation of America. Sound pickup apparatus. 2,346,394; Apr. 11.

Rettinger, Michael, Encino, Calif., assignor to Radio Corporation of America. Sound pickup device. 2,346,395; Apr. 11.

Rettinger, Michael, Encino, Calif., assignor to Radio Corporation of America. Aircraft altitude determining system. 2,350,820; June 6.

Reuss, Werner, deceased. (See Hentrich, Winfrid, Kaiser, and Reuss.)

Reuter, Raymond, Medford Lakes, N. J., assignor to The Atlantic Refinery Company, Philadelphia, Pa. Addition agent for lubricating oil and making same. 2,349,462; May 23.

Revard, Edward L., Ponca City, Okla. Thermosiphon circulator. 2,351,544; June 13.

Revelli, Gino, Rome, Italy; vested in the Alien Property Custodian. Bolt closer for automatic arms. 2,350,821; June 6.

Revelli, Gino, Rome, Italy; vested in the Alien Property Custodian. Firing mechanism for automatic arms. 2,356,615; Aug. 22.

Reveno, Reuben R., Philadelphia, Pa. Portable body warmer. 2,346,998; Apr. 18.

Rever, Harry J. (See Stewart, R. J., and Rever.)

Revere Camera Company. (See Briskin, Theodore S., assignor.)

Revere Camera Company. (See Briskin, T. S., and Sperry, assignors.)

Revere Camera Company. (See Sperry, Philmore F., assignor.)

Revere Copper and Brass Incorporated. (See Kennedy, J. M., Knight, and Lee, assignors.)

Revere Copper and Brass Incorporated. (See Mueller, Paul M., assignor.)

Rex, Clarence R., Toledo, Ohio. Converting the magnesium carbonate content of dolomite to magnesium oxide. 2,359,792; Oct. 10.

Rex Company, The. (See Parker, M. E., and Bonewitz, assignors.)

Rex Manufacturing Company. (See Ford, Charles R., assignor.)

Rex Manufacturing Co. (See Howard, Wallace R., assignor.)

Rex Manufacturing Co., Inc. (See Hull, Robert W., assignor.)

Rex-O-Graph, Inc. (See Rockhill, Roscoe R., assignor.)

Rey, Secundino, Buenos Aires, Argentina. Sound recording device. 2,340,562; Feb. 1.

Rey, Secundino, Buenos Aires, Argentina. Recording by direct lithographic printing, sounds impinging on microphones or the like. 2,341,652; Feb. 15.

Reybold, Douglas C., Northbrook, Ill., and A. J. Fischer, Manhasset, assignors to The Dorr Company, New York, N. Y. Apparatus for treating impure liquids. 2,340,842; Feb. 1.

Reybold, Douglas C., Northbrook, Ill., and A. J. Fischer, Manhasset, assignors to The Dorr Company, New York, N. Y. Apparatus for treating impure liquids. 2,340,848; Feb. 1.

Reyburn, John R., Fairfield, assignor to Magazine Repeating Razor Company, Bridgeport, Conn. Blade magazine. 2,355,181; Aug. 8.

Reygagne, Leonce, Decazeville, France; vested in the Alien Property Custodian. Cast iron and its manufacture. 2,348,849; May 16.

Reymond, Guy M., and G. H. Swart, Wabash, Ind., assignors to The General Tire & Rubber Company, Akron, Ohio. Making baseballs. 2,358,535; Sept. 19.

Reynaud, Samuel C., assignor to Detroit Steel Products Company, Detroit, Mich. Window operator. 2,356,270; Aug. 22.

Reynolds, Albert G., assignor to R. Y. P. Mfg. Co., Oakland, Calif. Fruit and vegetable juice extractor. 2,348,327; Mar. 7.

Reynolds, Burl A., Lodi, Calif. Pressure controlled switch. 2,341,241; Feb. 8.

Reynolds, Charles D., Cranston, R. I., assignor to Universal Winding Company, Boston, Mass. Bobbin-winding machine. 2,350,128; May 30.

Reynolds, Delbert D. (See Kenyon, W. O., and Reynolds.)

Reynolds Electric Co. (See Olson, Waldemar N., assignor.)

Reynolds, Ellwood W., Westfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y Strand handling apparatus. 2,342,009; Feb. 15.

Reynolds, Ellwood W., Westfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y Unwinding control device. 2,362,665; Nov. 14.

Reynolds, Ellwood W., Westfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Bearing device. 2,365,840; Dec. 26.

Reynolds Gas Regulator Company. (See Hughes, Ralph C., assignor.)

Reynolds, Harold C. (See Jimerson, F. A., and Reynolds.)

Reynolds, Henry V., Lafayette, Ind. Convertible and collapsible litter. 2,362,721; Nov. 14.

Reynolds, James H., and S. S. Green, assignors to Duncan Electric Manufacturing Company, La Fayette, Ind. Terminal block for watt-hour meters. 2,348,755; May 16.

Reynolds, John M., assignor to O. E. Reynolds, Shreveport, La. Means for cleaning well screens. 2,362,403; Nov. 7.

Reynolds, Lester A., Los Angeles, Calif. Manicuring device. 2,346,224; Apr. 11.

Reynolds Metals Company. (See Anderson, Emil, assignor.)

Reynolds Metals Company. (See Broderick, Frank W, assignor.)

Reynolds Metals Company. (See Davis, Duane, assignor.)

Reynolds Metals Co. (See Manning, Clarence F., assignor.)

Reynolds, Noel S., St. Louis, Mo. Diaphragm seal 2,338,873; Jan. 11.

Reynolds, Noel S., St. Louis, Mo. Seal. 2,352,343; June 27.

Reynolds, Noel S., St. Louis, Mo. Seal. 2,358,536; Sept. 19.

Reynolds, Orpha E. (See Reynolds, John M., assignor.)

Reynolds Research Corporation. (See Schmied, Orville K., assignor.)

Reynolds, Richard W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Alarm system. 2,345,771; Apr. 4.

Reynolds, Schuyler, Columbus, Ohio. Implement holder or pocket. 2,353,502; July 11.

Reynolds Spring Company. (See Sargent, Donald E., assignor.)

Reynolds, Waldo S., assignor to Ira J. McCullough, Los Angeles, Calif. Making projectiles. 2,349,677; May 23.

Reynolds, Warren S. (See Burdett, P. H., Reynolds, and Turner.)

Reynolds, Warren S., Stratford, Conn., assignor to Remington Arms Company, Inc. Machine for segregating scrap metal rings from drawn metallic cups. 2,341,291; Feb. 8.

Reynolds, Warren S., Stratford, assignor to Remington Arms Company, Inc., Bridgeport, Conn. Gauging machine. 2,341,292; Feb. 8.

Reynolds, Warren S., Stratford, Conn., assignor to Remington Arms Company, Inc. Ammunition. 2,345,885; Apr. 4.

Reynolds, Warren S., Stratford, Conn., assignor to Remington Arms Company, Inc. Machine. 2,350,569; June 6.

Reynolds, Warren S., Stratford, Conn., assignor to Remington Arms Company, Inc. Molded article transfer mechanism. 2,356,271; Aug. 22.

Reynolds, Warren S., Stratford, Conn., assignor to Remington Arms Company, Inc. Trimming machine. 2,359,939; Oct. 10.

Reynolds, Warren S., Stratford, assignor to Remington Arms Company, Inc., Bridgeport, Conn. Closure seal. 2,359,940; Oct. 10.

Reynolds, Warren S., Stratford, and John R. Turner, Milford, assignors to Remington Arms Company, Inc., Bridgeport, Conn. Honing machine. 2,356,272; Aug. 22.

Reynolds, William B., Chicago, Ill., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo dye intermediates. 2,346,941; Apr. 18.

Reynolds, William B., Chicago, Ill., assignor to Interchemical Corporation, New York. Azo pigments. 2,361,566; Oct. 31.

Reynolds, William B., Chicago, Ill., assignor to Interchemical Corporation, New York, N. Y. Azo pigment. 2,361,567; Oct. 31.

Reynolds, William B., Chicago, Ill., assignor to Interchemical Corporation, New York, N. Y. Azo pigment. 2,361,568; Oct. 31.

Reynolds, William B., Chicago, Ill., assignor to Interchemical Corporation, New York, N. Y. Azo pigment. 2,361,569; Oct. 31.

Reynolds, William B., Elmhurst, Long Island, and S. A. Scully, Yonkers, assignors to Interchemical Corporation, New York, N. Y. Textile printing method. 2,349,561; May 23.

Reynolds, William G., Monroe, N. C. Regulating the formation of lap rolls. 2,342,222; Feb. 22.

Reynolds, William R., assignor of one-half to H. L. Williford, Dallas, Tex. Logometer. 2,352,735; July 4.

Reynst, Maximilien F. (See Dorsman, C., Reynst, and Veldhuizen.)

Reynst, Maximilien F., H. Rinia, W. H. Stigter, and C. Dorsman, Eindhoven, Netherlands; vested in the Alien Property Custodian. Pressure observer. 2,345,071; Mar. 28.

Reyrolle, A., & Company Limited. (See Amer, D. F., and Rawling, assignors.)

Reyrolle, A., & Company Limited. (See Amer, D. F., and Webb, assignors.)

Reyrolle, A., & Company Limited. (See Bayles, John W., assignor.)

Rheem Manufacturing Company. (See Bisbee, D. P., Seltzer, and Thayer, assignors.)

Rheem Manufacturing Company. (See Evans, L. W., and Gann, assignors.)

Rheem Manufacturing Company. (See Hawk, W. L., and Bowman, assignors.)

Rheem Manufacturing Company. (See Hawk, W. L., Paul, and Evans, assignors.)

Rheem Manufacturing Company. (See Horne, William O., assignor.)

Rheem Manufacturing Company. (See Patterson, Robert D., assignor.)

Rhein, Lloyd R., Pleasant Ridge, assignor to Ternstedt Manufacturing Company, Detroit, Mich. Handle assembly. 2,346,685; Apr. 4.

Rhein, Lloyd R., Pleasant Ridge, assignor to Ternstedt Manufacturing Company, Detroit, Mich. Outside door handle. 2,349,055; May 16.

Rheineck, Alfred E., and S. B. Crecelius, Louisville, Ky., assignors to Devoe and Raynolds Company, Inc. Catalytic process of dehydrating and heat-bodying. 2,345,358; Mar. 28.

Rheineck, Alfred E., and S. B. Crecelius, Louisville, Ky., assignors to Devoe & Raynolds Company, Inc. Manufacture of varnishes. 2,351,545; June 13.

Rheiner, Alfred. (See Leeman, H., Rheiner, and Hagenbuch.)

Rheingans, William J., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Hydraulic turbine gate balancer. 2,365,905; Dec. 26.

Rhindress, Walter H., Braintree, Mass. Armature recutting tool. 2,357,765; Sept. 5.

Rhoads, Charles S., Albany, N. Y., assignor to American Telephone and Telegraph Company. Auxiliary telephone apparatus. 2,346,113; Apr. 4.

Rhoads, Charles S., Albany, N. Y., assignor to American Telephone and Telegraph Company. Right-of-way telephone system. 2,346,114; Apr. 4.

Rhoads, Charles S., Albany, N. Y., assignor to American Telephone and Telegraph Company. Emergency telephone system. 2,346,115; Apr. 4.

Rhoads, Charles S., Albany, N. Y., assignor to American Telephone and Telegraph Company. Phantom magneto telephone system. 2,347,505; Apr. 25.

Rhoads, Charles S., Albany, N. Y., assignor to American Telephone and Telegraph Company. Auxiliary telephone apparatus. 2,350,193; May 30.

Rhoads, Charles S., Albany, N. Y., assignor to American Telephone and Telegraph Company. Telephone substation. 2,353,785; July 18.

Rhoads, Charles S., Albany, assignor to American Telephone and Telegraph Company. Telephone broadcast system. 2,358,594; Sept. 19.

Rhoads, James C., Erie, Pa., assignor to General Electric Company. Electric current collector. 2,345,428; Mar. 28.

Rhoads, Robert D., and R. L. Nash, Franklin, Pa., assignors to Chicago Pneumatic Tool Company, New York, N. Y. Compressor regulator. 2,361,870; Oct. 31.

Rhodes, Cecil M. (See McGladrey, L. L., and Rhodes.)
Rhodes, Cecil M. (See Sermattei, J. P., and Rhodes.)
Rhodes, Cecil M., St. Paul, and J. P. Sermattei, assignors to Rapinwax Paper Company, Minneapolis, Minn. Moistureproof sheet materials. 2,354,060; July 18.
Rhodes, Idus L., et al., trustee. (See Daugherty, Fount F., assignor.)
Rhodes, John C., Wyncote, Pa. Detergent composition. 2,365,115; Dec. 19.
Rhodes, John W., and H. L. Niemeyer, Indianapolis, Ind. Combination machine. 2,341,061; Feb. 8.
Rhodes, M. H., Inc. (See Rhodes, Marcus H., assignor.)
Rhodes, Marcus H., assignor to M. H. Rhodes, Inc., Hartford, Conn. Escapement. 2,363,993; Nov. 28.
Rhodes, William A. (See Bascom, H. M., and Rhodes.)
Rhyne, Jeff S., Detroit, Mich. Voltage regulator. 2,349,108; May 23.
Rial, George A., Linden, N. J., assignor to Standard Oil Development Company. Treating hydrocarbon fluids. 2,356,807; Aug. 22.
Ribbesford Company, Limited, The, et al. (See Thornhill, Peter W., assignor.)
Riblet, Henry J., Erie, Pa. Combined scaffold bracket and lock. 2,342,427; Feb. 22.
Ribner, Herbert S. (See Brown, H., and Ribner.)
Riboud, Jacques M. J., Mount Washington, Md., assignor to Specialty Equipment and Machinery Corp., New York, N. Y. Gun carriage. 2,361,570; Oct. 31.
Ricall, George. (See Poscavage, J., and Ricall.)
Ricard, Elzear J., Detroit, Mich. Electric toaster. 2,357,288; Sept. 5.
Ricardo, Harry R., London, England. Cooling of pistons. 2,362,158; Nov. 7.
Ricards, Charles L. (See Wood, H. A. W., Tollison, Ricards, and Isbell.)
Ricchiardi, Pier C., and E. Zillo, Paris, France; vested in the Alien Property Custodian. Long-fiber light-weight timber. 2,341,655; Feb. 15.
Ricci, Louis. (See Ognibene, J., and Ricci.)
Rice, Adelbert F. and A. E., Cleveland, Ohio. Venetian blind. 2,365,004; Dec. 12.
Rice, Albert E. (See Rice, Adelbert F. and A. E.)
Rice Barton Corporation. (See Lowe, D. V., Vedder, and Adams, assignors.)
Rice Barton Corporation. (See Vedder, J. W., and Clem, assignors.)
Rice, Beatrice W., New York, N. Y. Decorative table top. 2,365,005; Dec. 12.
Rice, Cyrus W., Pittsburgh, Pa. Method of and apparatus for treating boiler water. 2,363,622; Nov. 28.
Rice, Edward E., et al., trustees. (See Johnson, Melvin M., Jr., assignor.)
Rice, Edward E., trustee, et al. (See Johnson, Melvin M., Jr.)
Rice, Edward F. T., Hamburg, assignor to Allied Chemical & Dye Corporation, New York, N. Y. Thermometer well for ball-mill type reactors. 2,355,821; Aug. 15.
Rice, Emery M. (See Pruitt, Harvey E., assignor.)
Rice, Eugene B., Denver, Colo. Separator for cartridge cartons. 2,346,788; Apr. 18.
Rice, Frank E., deceased, by N. E. Rice, administrator, Detroit, Mich. Faucet. 2,356,069; Aug. 15.
Rice, Harry T. (See Lieber, E., and Rice.)
Rice, Ira A., assignor to General Motors Corporation, Detroit, Mich. Toolholder. 2,353,079; July 4.
Rice, John H., Port Eynon, near Swansea, England, assignor to Rimer Manufacturing Co. Ltd. Conveyer mechanism. 2,362,305; Nov. 7.
Rice, Nelson E., administrator. (See Rice, Frank E.)
Rice, Orrie L., Wood-Ridge, N. J., assignor to Milprint, Inc., Milwaukee, Wis. Cutting and wrapping cake. 2,339,584; Jan. 18.
Rice, Philip K. (See Pew, P. B., and Rice.)
Rich, Charles A., and W. E. Twamley, Providence, R. I., assignors to Brown and Sharpe Manufacturing Company. Tightening device for sprocket chains, belts, and the like. 2,343,084; Feb. 29.
Rich, Charles A., and W. E. Twamley, Providence, R. I., assignors to Brown and Sharpe Manufacturing Company. Screw and similar machine. 2,345,686; Apr. 4.
Rich, Cheri, New York, N. Y. Nonmetallic cling ear ornament. 2,364,872; Dec. 12.
Rich, David, Rice Lake, Wis. Rail clamp. 2,344,368; Mar. 14.
Rich, George R., assignor to Rich Manufacturing Corporation, Battle Creek, Mich. Valve. 2,360,795; Oct. 17.
Rich, Gordon F., et al. (See Roberts, Donald A. W., assignor.)
Rich, Hyman R., Milwaukee, Wis., assignor to The Enoz Chemical Company, Chicago, Ill. Pressure vaporiser. 2,345,687; Apr. 4.
Rich Manufacturing Corporation. (See Rich, George R., assignor.)
Rich, Theodore A., Schenectady, N. Y., assignor to General Electric Company. Direct current transformer. 2,345,430; Mar. 28.
Rich, Theodore A., Schenectady, N. Y., assignor to General Electric Company. Peak demand meter. 2,356,616; Aug. 22.
Rich, Theodore A., Schenectady, N. Y., assignor to General Electric Company. Quick response direct-current instrument. 2,356,617; Aug. 22.
Rich, Theodore A., Schenectady, N. Y., assignor to General Electric Company. Direct current measurement. 2,364,474; Dec. 5.
Richa, John H., et al. (See Hanson, Frank E., assignor.)
Richard, Charles D., West New Brighton, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Key-operated telephone call transmitter. 2,339,195; Jan. 11.
Richards, Carroll H., Boston, Mass. Transmission. 2,341,946; Feb. 15.
Richards, Cecil C., West New York, assignor to Groov-Pin Corporation, Union City, N. J. Drive fastener. 2,344,413; Mar. 14.
Richards, Cecil C., assignor to Groov-Pin Corporation, Union City, N. J. Art of screw rolling. 2,348,850; May 16.
Richards, Charles, Quincy, Mass. Plate hanger. 2,365,108; Dec. 12.
Richards Chemical Works, The. (See Axelrad, Felix, assignor.)
Richards Chemical Works, The. (See Kaplan, Saul, assignor.)
Richards Chemical Works, The. (See Sheps, L. J., Boisclair, Cooper, and Fristensky, assignors.)
Richards, Edwin N., Cincinnati, assignor to The Standard Oil Company, Cleveland, Ohio. Apparatus for oxidizing reactions. 2,340,686; Feb. 1.
Richards, Fred A., Lone Rock, Wis. Hopple for cows. 2,357,426; Sept. 5.
Richards, Gordon E., Toronto, Ontario, Canada. Device for sterilizing surgical gloves. 2,340,206; Jan. 25.
Richards, Hugh W., Carrollton, Ga. Ladder. 2,350,129; May 30.
Richards, J. Tallesin, Wilkes-Barre, Pa. Pressure handle for pneumatic and electric portable drills. 2,362,929; Nov. 14.
Richards, James H., Glendale, Calif., assignor to Fray Machine Tool Co. Milling machine. 2,349,004; May 16.
Richards, James H., Glendale, Calif., assignor to Fray Machine Tool Co. All-angle milling machine attachment. 2,349,199; May 16.
Richards, Lorenzo A., Riverside, Calif., dedicated to the free use of the people in the territory of the United States. Pressure-membrane extraction apparatus. 2,353,760; July 18.
Richards, Wayne V., assignor to H. A. Douglas Mfg. Co., Bronson, Mich. Lamp socket unit. 2,348,649; May 9.
Richards, William H., Dayton, Ohio. Camera. 2,339,810; Jan. 25.
Richardson, Alan H., Edgewood, Pa. Tuyère for blast furnaces and the like. 2,353,849; July 18.
Richardson, Albert S., Wyoming, and J. E. Taylor, Cincinnati, assignors to The Procter and Gamble Company, Ivorydale, Ohio. Forming alcohols or esters. 2,340,343; Feb. 1.
Richardson, Albert S., Wyoming, and J. E. Taylor, Cincinnati, assignors to The Procter and Gamble Company, Ivorydale, Ohio. Forming unsaturated alcohols or esters. 2,340,344; Feb. 1.
Richardson, Albert S., Wyoming, and J. E. Taylor, Cincinnati, assignors to The Procter and Gamble Company, Ivorydale, Ohio. Forming alcohols. 2,340,687; Feb. 1.
Richardson, Albert S., Wyoming, and J. E. Taylor, Cincinnati, assignors to The Procter and Gamble Company, Ivorydale, Ohio. Forming alcohols. 2,340,688; Feb. 1.
Richardson, Albert S., Wyoming, Ohio, and J. E. Taylor, Louisville, Ky., assignors to The Procter and Gamble Company, Ivorydale, Ohio. Forming alcohols. 2,340,689; Feb. 1.
Richardson, Albert S., Wyoming, Ohio, and J. E. Taylor, Louisville, Ky., assignors to The Procter and Gamble Company, Ivorydale, Ohio. Forming alcohols or esters. 2,340,690; Feb. 1.
Richardson, Albert S., Wyoming, Ohio, and J. E. Taylor, Louisville, Ky., assignors to The Procter and Gamble Company, Ivorydale, Ohio. Continuous process for forming unsaturated alcohols and esters. 2,340,691; Feb. 1.
Richardson, Bayard E., Grand Rapids, Mich. Gluing device. 2,360,582; Oct. 17.
Richardson, Clarence L., Jr., Carney's Point, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Purification of p-phenetidine. 2,365,493; Dec. 19.
Richardson Company, The. (See Dillehay, Edward R., assignor.)
Richardson Company, The. (See Keller, Charles L., assignor.)
Richardson Company, The. (See Rieser, Oliver O., assignor.)
Richardson, Daniel E., J. L. Michel, and R. J. Chadbourne, assignors to Martin Bros. Co., Denver, Colo. Wrapping cheese and product. 2,342,969; Feb. 29.
Richardson, De Soto E., Wenatchee, Wash. Cutter and comminutor for fruits and vegetables. 2,352,122; June 20.
Richardson, Earle E., and J. J. Chechak, assignors to Eastman Kodak Company, Rochester, N. Y. Ultraviolet-sensitive photographic element. 2,340,760; May 23.
Richardson, Edward A., Bethlehem, Pa. Welding. 2,350,532; June 6.

Richardson, Edward E., Waterville, Ohio. Receiver for firearm ejected shells. 2,354,277; July 25.
Richardson, Eric. (See Wilkinson, Albert R. J., assignor.)
Richardson, Fred. (See Almeroth, H. H., and Richardson.)
Richardson, Fred. (See Friend, J. M., and Richardson.)
Richardson, Graham McG., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydrochlorides of amino-aso-toluenes. 2,346,508; Apr. 11.
Richardson, Homer H. (See Fink, G. J., and Richardson.)
Richardson, Irving, Newark, N. J. Lock nut. 2,348,308; May 9.
Richardson, Lawrence, Cambridge, Mass. Door closing device. 2,342,428; Feb. 22.
Richardson, Paul H., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Variable attenuation network. 2,348,572; May 9.
Richardson, Philip B., Montclair, assignor to Richardson Scale Company, Clifton, N. J. Weighing apparatus. 2,357,766; Sept. 5.
Richardson, Ralph A., assignor to General Motors Corporation, Detroit, Mich. Double windowpane. 2,348,307; May 9.
Richardson, Richard H., Welland, Ontario, Canada. Crankcase heater. 2,354,061; July 18.
Richardson, Roger W., Baton Rouge, La., F. L. Miller, and C. Winning, Westfield, N. J., assignors to Standard Oil Development Company. Lubricating oil composition. 2,354,547; July 25.
Richardson Scale Company. (See Clifford, John P., assignor.)
Richardson Scale Company. (See Richardson, Philip B., assignor.)
Riche, Arthur L., Freeport, Ill. Water treatment apparatus. 2,338,667; Jan. 4.
Riche, Arthur L., and B. J. Rush, assignors to Micro Switch Corporation, Freeport, Ill. Snap switch plunger construction. 2,358,658; Sept. 19.
Richee, William R., assignor to Stein, Hall and Company, Inc., New York, N. Y. Producing starches. 2,361,498; Oct. 31.
Riches, Harry G. G. G., Singapore, Straits Settlements, assignor to Shaw Darby & Company Limited. Concrete pile. 2,351,288; June 13.
Richeson, Sanford E., Brooklyn, N. Y. Coffee roasting machine. 2,340,845; Feb. 1.
Richey, Clarence B., Columbus, Ohio. Lime spreader. 2,350,476; June 6.
Richey, James A., and A. N. Buchanan, Ocala, Fla. Power transmission. 2,359,156; Sept. 26.
Richfield Oil Corporation. (See Dobson, W. M., Frye, and Lentz, assignors.)
Richfield Oil Corporation. (See Frye, A. L., and Dobson, assignors.)
Richfield Oil Corporation. (See Vonder Ahe, K. L., and Zweifel, assignors.)
Richter, Charles. (See Eastman, D., and Richter.)
Richmond, Burnell E., San Jose, Calif. Feeder for pressure cookers. 2,343,266; Mar. 7.
Richmond Glove Corporation. (See Beebe, Stuart J., assignor.)
Richmond, Harry H., assignor to Electric Steel Foundry Company, Portland, Oreg. Mounting for thermosensitive elements. 2,343,242; Mar. 7.
Richmond, Howard B., and G. K. Dickerman, assignors to Consolidated Water Power & Paper Company, Wisconsin Rapids, Wis. Coating paper. 2,352,668; July 4.
Richmond Manufacturing Company. (See Byrd, William, Jr., assignor.)
Richmond, Nelson R. (See Martin, E., and Richmond.)
Richmond, Nelson R., Thompsonville, assignor to United Aircraft Corporation, East Hartford, Conn. Automatic resetting device for governors. 2,352,736; July 4.
Richmond, William E., Kenilworth, assignor to Automatic Canteen Company, of America, Chicago, Ill. Refrigerated beverage mixing assembly. 2,353,080; July 4.
Richter, Elvin O., assignor to Lockheed Aircraft Corporation, Burbank, Calif. Extendable wing flap. 2,348,150; May 2.
Richter, Eugene, et al. (See Young, William D., assignor.)
Richter, Franz A., St. Louis, Mo. Wrench. 2,341,654; Feb. 15.
Richter, George F., Bogota, N. J., assignor to Scovill Manufacturing Company, Waterbury, Conn. Bottle container. 2,364,753; Dec. 12.
Richter, Henry. (See Dunn, G. E., and Richter.)
Richter, Henry J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Interpolymers of alkylidene esters of alpha-methylene monocarboxylic acids with vinyl and vinylidene compounds. 2,341,334; Feb. 8.
Richter, Henry J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polyamide. 2,342,370; Feb. 22.
Richter, Herman W., assignor to George O. Jenkins Company, Bridgewater, Mass. Felted water-resistant sheet fiberboard. 2,363,438; Nov. 21.
Richter, Johan C. F. C. (See Branzell, A. E. Glöersen, and Richter.)
Richter, Walther, Whitefish Bay, assignor to A. O. Smith Corporation, Milwaukee, Wis. Electric induction furnace. 2,363,994; Nov. 28.
Richterkessing, Frank H., assignor to Chentham Electric Switching Device Co., Incorporated, Louisville, Ky. Trolley contactor. 2,357,289; Sept. 5.
Rick, Charles, Highland Park, Mich. Screen and storm window. 2,345,886; Apr. 4.
Rickard, Arthur, assignor to Universal Building Products Corp., Dallas, Tex. Tubular steering wheel or the like and making same. 2,351,289; June 13.
Rickenbacher, Adolph, Los Angeles, Calif. Head for toothbrushes. 2,362,159; Nov. 7.
Rickenbacher, Robert J., Columbus, assignor to The Kilgore Mfg. Company, Westerville, Ohio. Toy pistol. 2,360,979; Oct. 24.
Rickenback, Bernard, et al. (See Lutz, Daniel H., assignor.)
Ricker, John B., Memphis, Tenn. Delinter. Re. 22,542; Sept. 5.
Ricker, Norman H., Tulsa, Okla., assignor to Standard Oil Development Company. Seismic prospecting. 2,351,456; June 13.
Ricker, Norman H., Tulsa, Okla., assignor to Standard Oil Development Company. Seismic prospecting. 2,354,548; July 25.
Rickerman, John H., River Edge, assignor to The M. W. Kellogg Company, Jersey City, N. J. Furnace for heating fluids. 2,342,011; Feb. 15.
Rickert, Hans-Ferdinand. (See Alder, K., and Rickert.)
Rickert, Roy M., Oakland, Calif. Welder's hood. 2,352,007; June 20.
Rickes, Edward. (See Keresztesy, J. C., and Rickes.)
Ricketts, James R., Oakland, Calif. Smoker's pipe. 2,362,144; Nov. 21.
Ricketts, Robert E., Plainfield, N. J. Cathode ray tube and light beam control means. 2,365,006; Dec. 12.
Rickmeyer, Ernst W., Elmhurst, assignor to Jefferson Electric Company, Bellwood, Ill. Switch. 2,361,058; Oct. 24.
Rickrode, William C., Manchester Township, York County, assignor to York Safe and Lock Company, York, Pa. Honing tool. 2,340,018; Jan. 25.
Rickrode, William C., Manchester Township, York County, assignor to York Safe and Lock Company, York, Pa. Manufacture of rifled gun barrels. 2,345,359; Mar. 28.
Ricks, Fred, and J. W. Pratt, Leicester, England, assignors to United Shoe Machinery Corporation, Borough of Flemington, N. J. Machine for operating upon soles. 2,349,379; May 23.
Ricksham, Roy I., St. Louis Park, Minn. Cheese cutter. 2,339,722; Jan. 18.
Rickus, George M., S. G. Hoffman, and S. C. Carpenter, Jr., Norwalk, and W. W. Harris, Darien, assignors to Hat Corporation of America, Norwalk, Conn. Methods and solutions for treating fibers and products resulting therefrom. 2,355,598; Aug. 8.
Ric-wil Company, The. (See McLeish, William S., assignor.)
Ridbo Laboratories, Inc. (See Auer, László, assignor.)
Ridd, Ambrose, Louisville, Ky. Vulcanizing device. 2,340,692; Feb. 1.
Ridd, Ambrose, Louisville, Ky. Tire vulcanizing clamp. 2,365,109; Dec. 12.
Riddell, John T., Chicago, Ill. Air valve. 2,349,463; May 23.
Riddell, John T., Chicago, Ill. Protective helmet. 2,359,387; Oct. 3.
Riddell, William A., assignor to Eastman Kodak Company, Rochester, N. Y. Shutter release. 2,338,668; Jan. 4.
Riddell, William A., assignor to Eastman Kodak Company, Rochester, N. Y. Diaphragm control mechanism. 2,341,287; Feb. 8.
Ridderstrom, Andrew R., Nahant, assignor to Prime Manufacturing Company, Lynn, Mass. Shoemaking. 2,343,226; Feb. 26.
Riddick, Elmer P., Norfolk, Va. Reproducing machine. 2,355,109; Aug. 8.
Riddiford, Charles E., Washington, D. C. Map globe and globe construction. 2,352,225; June 27.
Riddle, Allen O., Jr., Kansas City, Mo., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Article aligning device. 2,364,243; Dec. 5.
Riddle, Jimmie B., Polar, Tex. Grain heading machine. 2,340,563; Feb. 1.
Riddle, W. L., et al. (See Baxter, George, assignor.)
Rideout, Arthur E., Chicago, Ill., M. McFaull, Jackson Heights, N. Y., and L. Wimmer, Middletown, assignors to Standard-Knapp Corporation, Portland, Conn. Can-handling machine. 2,365,007; Dec. 12.
Rideout, Theodore R., Mount Washington, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Trolley pole head. 2,363,362; Nov. 21.
Rider, Ernest G., Philadelphia, Pa. Sheet feeding mechanism. 2,351,367; June 13.
Rider, Harry N., assignor to "Automatic" Sprinkler Company of America, Youngstown, Ohio. Compressed gas release. 2,340,143; Jan. 25.
Rider, Harry N., assignor to "Automatic" Sprinkler Company of America, Youngstown, Ohio. Pressure actuated tube valve. 2,340,144; Jan. 25.
Rider, Harry N., assignor to "Automatic" Sprinkler Company of America, Youngstown, Ohio. Sprinkler valve actuating device. 2,349,883; May 30.

Rider, Harry N., assignor to "Automatic" Sprinkler Company of America, Youngstown, Ohio. Automatic sprinkler system. 2,352,995; July 4.

Rider, Harry N., assignor to "Automatic" Sprinkler Company of America, Youngstown, Ohio. Low air pressure sprinkler system. 2,352,996; July 4.

Rider, Harry N., assignor to "Automatic" Sprinkler Company of America, Youngstown, Ohio. Pressure tank sprinkler system with secondary supply. 2,353,116; July 4.

Rider, Harry N., assignor to "Automatic" Sprinkler Company of America, Youngstown, Ohio. Deluge or preaction pressure tank sprinkler system with secondary supply. 2,353,117; July 4.

Rider, Harry N., assignor to "Automatic" Sprinkler Company of America, Youngstown, Ohio. Pressure actuated valve. 2,357,133; Aug. 29.

Rider, Harry N., assignor to "Automatic" Sprinkler Company of America, Youngstown, Ohio. Automatic deluge sprinkler system. 2,365,906; Dec. 26.

Rider, Harry N., assignor to "Automatic" Sprinkler Company of America, Youngstown, Ohio. Gate valve with monitor. 2,365,907; Dec. 26.

Rider, Harry N., and F. G. Dieter, assignors to "Automatic" Sprinkler Company of America, Youngstown, Ohio. Fluid release valve and actuating mechanism. 2,349,464; May 23.

Rider, John F., New York, N. Y., assignor to Radio Corporation of America. Oscillator for sine waves and square waves. 2,346,396; Apr. 11.

Ridge, Raymond J. (See Breckenridge, F., and Ridge.)

Ridge, Raymond J., Lansdowne, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Apparatus for cleansing fabrics and the like. 2,357,909; Sept. 12.

Ridge Tool Company, The. (See Ingwer, C. H., and Swanson, assignors.)

Ridgway, Charles M. (See Wagner, C. R., and Bidgway.)

Ridgway, William F., assignor to The Ingersoll Milling Machine Company, Rockford, Ill. Machine tool. 2,348,599; Jan. 4.

Ridings, Garvice H. (See White, F. J., and Ridings.)

Ridings, Garvice H. (See Wise, R. J., and Ridings.)

Ridings, Garvice H. (See Wise, R. J., Ridings, and Parrott.)

Ridings, Garvice H., Summit, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Supply roll for blank sheets. 2,350,417; June 6.

Ridings, Garvice H., Summit, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Automatic facsimile telegraph system. 2,351,231; June 13.

Ridings, Garvice H., Summit, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. System and apparatus for facsimile telegraphy. 2,356,116; Aug. 15.

Ridings, Garvice H., Summit, and R. J. Wise, Dunellen, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Coin controlled facsimile system. 2,364,754; Dec. 12.

Ridley, William D., Monkseaton, England. Soot blower. 2,350,929; June 6.

Riedel, Ferdinand, Berlin-Mariendorf, Germany; vested in the Alien Property Custodian. Control device for once-through vapor generators. 2,356,533; Aug. 22.

Riedel, Walter, Dresden, Germany; vested in the Alien Property Custodian. Motion picture camera. 2,340,564; Feb. 1.

Riedel, Walter, Dresden, Germany; vested in the Alien Property Custodian. Motion-picture camera. 2,342,008; June 20.

Riedl, George, Aberdeen, Idaho. Garment. 2,346,082; Apr. 4.

Riegel Paper Corporation. (See Bidwell, George L., assignor.)

Rieger, Ernest W., et al. (See Klein, C. J., Rieger, and Duncan.)

Riegger, Paul, Villingen Schwarzwald, Germany; vested in the Alien Property Custodian. Indicating means for taximeters. 2,365,435; Dec. 19.

Riehl, Harmon B., Newton Highlands, Mass., assignor to Proctor & Schwartz, Incorporated, Philadelphia, Pa. Single feed for multiple carding machines. 2,360,583; Oct. 17.

Riehle, Raymond R., Milford, Ohio. Game. 2,347,506; Apr. 25.

Riek, Forest O., et al. (See Knapp, Robert T., assignor.)

Riek, Sara E., et al. (See Knapp, Robert T., assignor.)

Rieman, Martin A. (See Johnson, L., and Rieman.)

Riemenschneider, Edmund W. (See Orr, C. A., and Riemenschneider.)

Riener, Thomas W. (See Bruson, H. A., and Riener.)

Rieper, Gerhard. (See Fischel, E., and Rieper.)

Rieser, Oliver O., Oak Park, Ill., assignor to The Richardson Company, Lockland, Ohio. Device for treating storage battery cell covers. 2,342,012; Feb. 15.

Riesgo, Ralph A., New York, N. Y. Beverage draft apparatus. 2,347,123; Apr. 18.

Riesmeyer, August H., Arnold, assignor to Aluminum Company of America, Pittsburgh, Pa. Reclaiming lubricants. 2,339,520; Jan. 18.

Riester, Oskar. (See Kumetat, K., and Riester.)

Riester, Oskar, Dessau, Germany; vested in the Alien Property Custodian. Cyanine dyestuff. 2,338,782; Jan. 11.

Rietmann, John A., et al. (See Smith, James N., assignor.)

Rietz, Carl A., and A. E. Smith, San Francisco, Calif. Overload apparatus. 2,341,192; Feb. 8.

Rietz, Charles A. (See Jeuck, F. J., and Rietz.)

Rietz, Edward L., Riverside, Ill., assignor to International Harvester Company. Thresher cylinder. 2,349,380; May 23.

Rietz, Edward L., Riverside, Ill., assignor to International Harvester Company. Draft device. 2,349,884; May 30.

Rigby, Ralph, Berea, Ky. Stepladder. 2,347,065; Apr. 18.

Rigg, George M. (See Cassidy, S. M., and Rigg.)

Riggs, Walter S., Haddon Heights, N. J., and R. Lehmann, Hollywood, Pa., assignors to The Pennsylvania Salt Manufacturing Company, Philadelphia, Pa. Storing and shipping hydrogen peroxide. 2,346,609; Apr. 11.

Rights, Herbert T., Verona, and H. L. Bernarde, Union, N. J., and F. J. Altman, Drew Field, Fla., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric gauge. 2,365,593; Dec. 19.

Rike, Richard C., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Cylinder boot. 2,354,831; Aug. 1.

Riley, Ellsworth B., Philadelphia, Pa. Safety feed device. 2,342,694; Feb. 29.

Riley, Frederick. (See Bartle, R. E., and Riley.)

Riley, John P. (See Karpen, H., and Riley.)

Riley, Lynn G., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Dynamic braking system. 2,342,756; Feb. 29.

Riley, Patrick J. H. (See Duffield, F. W. N., and Riley.)

Riley Stoker Corporation. (See Andrews, L. V, assignor.)

Riley Stoker Corporation. (See Rehm, Gustav A., assignor.)

Riley Stoker Corporation. (See Treat, Franklin G., assignor.)

Rill, Carroll N., Jackson Heights, assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Inhibiting foaming of viscous petroleum oil. 2,353,587; July 11.

Riller, Joseph M., Lake Orion, Mich., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 2,352,973; July 4.

Rimer, Foister S., Richland, Mo. Insect swatter. 2,340,019; Jan. 25.

Rimer Manufacturing Co. Ltd. (See Rice, John H., assignor.)

Rinaldy, Edward S., Chester, N. J. Surgical cast. 2,342,695; Feb. 29.

Rincón, Salvador, Mexico, D. F., Mexico. Molding apparatus. 2,350,291; May 30.

Rindfleisch, Arthur G., Cincinnati, Ohio, assignor to Remington Rand Inc., Buffalo, N. Y. Card controlled mechanism. 2,354,549; July 25.

Rinehart, Dean C., and A. A. Ralston, Fort Wayne, Ind., assignors to General Electric Company. Refrigerating machine. 2,359,790; Oct. 10.

Rinehart, Roscoe J., Isleton, Calif. Child's vehicle. 2,344,062; Mar. 14.

Ring, Harold H., assignor to Geo. D. Roper Corporation, Rockford, Ill. Holder for cooking range accessories. 2,342,970; Feb. 29.

Ring, Harold H., assignor to Geo. D. Roper Corporation, Rockford, Ill. Sheet metal base construction for cooking ranges and the like. 2,359,491; Oct. 3.

Ring, Harold M. (See Pihl, E. A., and Ring.)

Ring, Philip, et al. (See Spillane, Paul X., assignor.)

Ringel, Charles. (See Smith, B., and Ringel.)

Ringer, Luther. (See Geldhof, P. E., and Ringer.)

Ringholz, Norbert A. (See Henderson, G. T., and Ringholz.)

Ringholz, Norbert A., assignor to The Hinde & Dauch Paper Company, Sandusky, Ohio. Locking tab. 2,361,124; Oct. 24.

Ringk, William F., Hollis, assignor to Novocol Chemical Mfg. Co., Inc., Brooklyn, N. Y. Anesthetic compounds, intermediates, and processes therefor. 2,363,081; Nov. 21.

Ringk, William F., Hollis, assignor to Novocol Chemical Mfg. Co., Inc., Brooklyn, N. Y. Anesthetic compounds, intermediates, and processes therefor. 2,363,082; Nov. 21.

Ringk, William F., Hollis, assignor to Novocol Chemical Mfg. Co., Inc., Brooklyn, N. Y. Anesthetic compounds. 2,363,083; Nov. 21.

Ringler, William A., Wayne, Pa., assignor to The Gardner-Richardson Company, Middletown, Ohio. Carton, including pouring means. 2,338,260; Jan. 4.

Ringler, William A., Wayne, Pa., assignor to The Gardner-Richardson Company, Middletown, Ohio. Coat hanger. 2,349,200; May 16.

Ringler, William A., Wayne, Pa., assignor to The Gardner-Richardson Company, Middletown, Ohio. Bottle carrier. 2,352,123; June 20.

Ringler, William A., Wayne, Pa., assignor to National Folding Box Company, New Haven, Conn. Carton or container. 2,353,761; July 18.

Ringler, William A., Wayne, Pa., assignor to The Gardner-Richardson Company, Middletown, Ohio. Carton having a pouring spout. 2,358,659; Sept. 19.

Ringler, William A., Wayne, Pa., assignor to The Gardner-Richardson Company, Middletown, Ohio. Heavy duty bottle carrier. 2,359,678; Oct. 3.

Ringnel, Oscar, Ely, assignor, by mesne assignments, to F. Kingston, Hibbing, Minn. Ski construction. 2,340,080; Jan. 25.

Ringwald, Clarence, Springfield, Ohio. Welding apparatus. 2,345,630; Apr. 4.

Ringwelt, Arthur, Chicago, Ill. Grinding gauge or holder for thread-cutting tools. 2,362,806; Nov. 7.

Rinia, Herre. (See Reynst, M. F., Rinia, Stigter, and Dorsman.)

Rinker, Leslie V. (See Gardner, J. C., and Rinker.)

Rinkinen, John H., Atlantic Mine, Mich. Footplate for skis, snowshoes, and the like. 2,350,130; May 30.

Rioux, Frank. (See Brow, G. F., and Rioux.)

Rioux, Frank E. (See Brow, G. F., and Rioux.)

Ripley, Mose D., Hawthorne, assignor to North American Aviation, Inc., Inglewood, Calif. Stretching machine jaw. 2,349,520; May 23.

Ripper, Kurt E., Bronxville, assignor to American Cyanamide Company, New York, N. Y. Molding composition. 2,344,738; Mar. 21.

Rippey, John D. (See Baker, Paul, assignor.)

Rippinglille, Edward V., assignor to General Motors Corporation, Detroit, Mich. Engine control means. 2,348,265; May 9.

Rippl, Francis J., Cleveland, and E. B. Isaac, Cleveland Heights, Ohio, assignors to General Electric Company. Flash lamp. 2,351,290; June 13.

Rische, Gottlieb, New York, N. Y. Side rolling mechanism for automobiles. 2,364,553; Dec. 5.

Rishel, Harry A., Ambler, Pa. Paint brush. 2,345,991; Apr. 4.

Risk, Thomas H., Detroit, Mich., assignor to The Pure Oil Company, Chicago, Ill. Motor fuel. 2,360,584; Oct. 17.

Risser, Bertha M., Toledo, Ohio. Bib positioning means. 2,344,169; Mar. 14.

Risser, Gerald J. (See Laughlin, H. G., and Risser.)

Risser, Ross E., Jr., Bonham, Tex. Liquid meter. 2,356,273; Aug. 22.

Rist, Clarence G., assignor of one-half to R. T. Rist St. Paul, Minn. Tire gauge. 2,343,582; Mar. 7.

Rist, Russell T. (See Rist, Clarence G., assignor.)

Ristine, George, Philadelphia, Pa. Adjustable bracket and brush for window shades. 2,354,832; Aug. 1.

Ritchell, Edward C. (See Piret, E. L., and Ritchell.)

Ritchie, W. C., and Company. (See Morey, Richard M., assignor.)

Ritchie, Julian, Raritan Township, Middlesex County, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Article of manufacture. 2,361,499; Oct. 31.

Ritchie, W. C., and Company. (See Morey, Richard M., assignor.)

Ritter, Alois A., assignor to Hartmann Trunk Company, Racine, Wis. Detachable hanger fastening means. 2,346,873; Apr. 18.

Ritter, Elizabeth K., Simi, Calif. Black board eraser cleaner. 2,360,300; Oct. 10.

Ritter, George, Millington, N. J., assignor to The Ruberoid Co., New York, N. Y. Extrusion die assembly. 2,363,261; Nov. 21.

Ritter, Herman. (See Kessler, C. A., and Ritter.)

Ritter, Herman, Cranford, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Presser mechanism for sewing machines. 2,344,414; Mar. 14.

Ritter, John J., Yonkers, N. Y., assignor to Standard Oil Development Company. Cyclic diethers. 2,362,307; Nov. 7.

Ritter, Julius, Jr., assignor to Hartmann Truck Company, Racine, Wis. Hasp device. 2,341,814; Feb. 15.

Ritter, Louis S., Darien, Conn. Mailing cards. 2,363,472; Nov. 21.

Ritter Products Corporation. (See Johnson, H. B., and Packer, assignors.)

Ritz-Weller, Oliver C., Chicago, Ill. Supporting arm for rearview mirrors and the like. 2,353,588; July 11.

Ritzert, Norman J., assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Making belts. 2,354,062; July 18.

Ritzmann, Otto F., Aspinwall, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Electrical displacement vibrometer. 2,359,245; Sept. 26.

Ritzmann, Otto F., Aspinwall, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Apparatus for seismograph prospecting. 2,364,755; Dec. 12.

River Raisin Company. (See Reaume, Lawrence W., assignor.)

Riveroll, Elfego, Hermosa Beach, Calif. Apparatus for recovering metal from ore. 2,340,346; Feb. 1.

Rives, George A., assignor to Burd Piston Ring Company, Rockford, Ill. Bearing member and making the same. 2,341,293; Feb. 8.

Rivet-O Manufacturing Co. (See Harris, Carl C., assignor.)

Rivett Lathe & Grinder, Inc. (See Robbins, R. I., and Ross, assignors.)

Roach, Wendell W., Kansas City, Mo., and R. E. Vinyard, Borger, Tex., assignors to Phillips Petroleum Company. Catalyst chamber. 2,363,623; Nov. 28.

Robb, Andrew, New Britain, Conn. Smoker's appliance. 2,359,529; Oct. 3.

Robb, Donald T., Downers Grove, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Adjusting apparatus. 2,355,468; Aug. 8.

Robb, Joseph E., Lawrence, Kans., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Condition control apparatus. 2,363,748; Nov. 28.

Robb, Walter Y. (See Fletcher, N., and Robb.)

Robb, Walter Y., Whitinsville, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Detector for axminster selvage shuttles. 2,254,615; July 25.

Robb, Walter Y., Whitinsville, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Axminster loom. 2,356,090; Aug. 15.

Robb, Walter Y., Whitinsville, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Letoff mechanism for looms. 2,363,990; Nov. 28.

Robb, Walter Y., Whitinsville, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Electric stop motion for axminster looms. 2,365,008; Dec. 12.

Robbins, Albert A., Pomona, Calif. Dehydrating. 2,357,767; Sept. 5.

Robbins, Azor D., Glen Cove, assignor to Mack Manufacturing Corporation, Long Island City, N. Y. Power assisted steering gear. 2,362,930; Nov. 14.

Robbins, Clyde F., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Housing and support for pilot lights. 2,339,196; Jan. 11.

Robbins, Clyde F., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Selector switch. 2,357,971; Sept. 12.

Robbins, Clyde F., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electric switch. 2,357,972; Sept. 12.

Robbins, Clyde F., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Liquid-tight electric switch. 2,357,973; Sept. 12.

Robbins, David S. (See King, A. J., and Robbins.)

Robbins, Delbert A., Los Angeles, Calif. Telephone electrical circuit control system. 2,363,145; Nov. 21.

Robbins, Leo, assignor to Roberts Manufacturing Co., New York, N. Y. Mechanical movement. 2,358,595; Sept. 19.

Robbins, Ralph I., Andover, and T. S. Ross, Cambridge, assignors to Rivett Lathe & Grinder, Inc., Boston, Mass. Machine tool drive. 2,341,742; Feb. 15.

Robbins, Roland W., Lincoln, Mass. Locking device. 2,345,949; Apr. 4.

Robbins, Vernon E., Berkeley, Calif. Metalworking device. 2,352,009; June 20.

Robbins, Vernon E., Oakland, Calif. Heated scraper. 2,352,010; June 20.

Robbins, William K., Chicago, Ill. Chain repair link. 2,357,768; Sept. 5.

Röber, Constantin F., and E. Gustav Röthig, Dresden, Germany; vested in the Alien Property Custodian. Apparatus for supplying adhesive. 2,344,107; Mar. 14.

Roberds, Wesley M., Collingswood, N. J., assignor to Radio Corporation of America. Electrical coupling device. 2,355,560; Aug. 8.

Roberson, Cyrus E., assignor to The Noble & Wood Machine Company, Hoosick Falls, N. Y. Defibering apparatus. 2,364,244; Dec. 5.

Roberson, Forney, Mobile, Ala. Wheel handling apparatus. 2,364,918; Dec. 12.

Roberson, Frank, Gary, Ind. Treating vessels having refractory linings. 2,339,192; Jan. 11.

Roberson, John L., Brawley, Calif. Beet loading apparatus. 2,357,549; Sept. 5.

Roberton, James S. P., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Electroacoustic device. 2,360,796; Oct. 17.

Roberts, Ben, et al. (See Kellerman, John F., assignor.)

Roberts, Clarence V. (See Holland, S. O., Roberts, and Plexico.)

Roberts, Claudius H. M., Palos Verdes Estates, Calif., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Removing impurities from hydrocarbons. 2,355,678; Aug. 15.

Roberts, Cushman & Company. (See Roberts, Frederick R., assignor.)

Roberts, David, Sedalia, Mo. Four-edge moistener. 2,339,585; Jan. 18.

Roberts, David, Wilkinsburg, Pa. Chuck. 2,341,947; Feb. 15.

Roberts, Donald A. W., assignor of thirty-two and one-half per cent to R. Winthrop and twenty-five per cent to G. F. Rich, New Plymouth, New Zealand. Apparatus for preparing surgical plaster bandages. 2,363,805; Nov. 28.

Roberts, Elliott J., and W. C. Weber, Westport, Conn., and A. J. Fischer, Manhasset, assignors to The Dorr Company, New York, N. Y. Sedimentation apparatus. 2,340,226; Jan. 25.

Roberts, Eugene, Hastings, N. Y., and G. E. Stevens, Denver, Colo., assignors to The Western States Machine Company, Hamilton, Ohio. Centrifugal purging and washing method for sugar mixtures and the like. 2,347,157; Apr. 18.

Roberts, Eugene A., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Tire construction. 2,339,540; Jan. 18.

Roberts, Franklin B. (See Hoppe, W., and Roberts.)
Roberts, Fred O., Milwaukie, Oreg., assignor to American Can Company, New York, N. Y. Uniting cable sections. 2,345,631; Apr. 4.
Roberts, Frederick R., assignor to Roberts, Cushman & Company, New York, N. Y. Hat sweatband. 2,338,871; Jan. 11.
Roberts, George, Jr., Montclair, assignor to The M. W. Kellogg Company, Jersey City, N. J. Catalytic apparatus. 2,355,753; Aug. 15.
Roberts, Gordon A., Grosse Pointe, Mich. Visor. 2,357,974; Sept. 12.
Roberts, Gwladys M. (See Roberts, John R., and G. M.)
Roberts, Harold P., Tallmadge, assignor to Wingfoot Corporation, Akron, Ohio. Purification of mercaptothiazoles. 2,349,598; May 23.
Roberts, Horace L., Mount Vernon, N. Y. Hose clamp. 2,354,833; Aug. 1.
Roberts, James A. (See Fischer, H. R., and Roberts.)
Roberts, Jean M., Ridgewood, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Electrical apparatus. 2,353,268; July 11.
Roberts, John B. (See Nydegger, R. R., and Roberts.)
Roberts, John F., assignor of one-half to E. E. Carson, Portland, Oreg. Safety box hook. 2,353,850; July 18.
Roberts, John R. and G. M., Taunton, England. Mounting vehicular road wheels. 2,340,986; Feb. 8.
Roberts, Julius, Brooklyn, N. Y., assignor to General Motors Corporation, Dayton, Ohio. Ice cube release device. 2,340,693; Feb. 1.
Roberts Manufacturing Co. (See Robbins, Leo, assignor.)
Roberts, Merritt E., and E. F. Voigt, Pearl River, assignors to Lederle Laboratories, Inc., New York, N. Y. Preparing pertussis toxin and toxoid. 2,359,388; Oct. 3.
Roberts, Oscar L., Drexel Hill, assignor to The Atlantic Refining Company, Philadelphia, Pa. Conversion of hydrocarbon oils. 2,343,927; Mar. 14.
Roberts, Paul, Sandusky, Ohio, and J. W. White, Chicago, Ill., assignors to The Hinde & Dauch Paper Company, Sandusky, Ohio. Display container. 2,339,112; Jan. 11.
Roberts, Ray R., Thomaston, T. Russell, Naugatuck, and R. J. Hodge, West Haven, Conn. Ratchet clamp attached overall buckle. 2,355,331; Aug. 8.
Roberts, Richmond J., assignor to Farley & Loetscher Manufacturing Company, Dubuque, Iowa. Book cover and making the same. 2,339,586; Jan. 18.
Roberts, Robert M. (See de Simo, M., and Roberts.)
Roberts, Robert P., Spondon, near Derby, England, assignor to Celanese Corporation of America. Production of colored film-forming materials. 2,343,928; Mar. 14.
Roberts, Samuel S., Pittsburgh, Pa. Footwear safety device. 2,339,193; Jan. 11.
Roberts and Schaefer Company. (See McGee, Jesse M., assignor.)
Roberts, Stiles M., Beacon, assignor, by mesne assignments, to The Texas Company, New York, N. Y. Lubricating oil. 2,345,156; Mar. 28.
Roberts, Thomas L., St. Paul, Minn. Automatic releasable lock. 2,355,895; Aug. 15.
Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Variable reactance. 2,341,655; Feb. 15.
Roberts, Walter Van B., Princeton, N. J., assignor to Radio Corporation of America. Neutralizing circuit. 2,344,734; Mar. 21.
Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Combined oscillator and reactance tube. 2,346,331; Apr. 11.
Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Oscillation generator. 2,349,885; May 30.
Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Phase modulation recording and reproducing system. 2,349,886; May 30.
Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Reactance tube. 2,351,368; June 13.
Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Frequency modulation system. 2,357,975; Sept. 12.
Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Radio monitoring system. 2,361,653; Oct. 31.
Roberts, Walter Van B., Princeton, N. J., assignor to Radio Corporation of America. Harmonic generator. 2,364,756; Dec. 12.
Roberts, William, Brooklyn, N. Y. Air and fuel preheating oil burner. 2,361,871; Oct. 31.
Roberts, William A., and W. Spiegel, Butte, Mont. Rotary oven. 2,350,067; May 30.
Roberts, William E., assignor to Charles L. Hoskins, San Diego, Calif. Builder's material conveyance. 2,361,654; Oct. 31.
Roberts, William H., assignors to Rotol Airscrews Limited, Gloucester, England. Apparatus for testing prime movers. 2,362,308; Nov. 7.
Roberts, William T. B., Leicester, England, assignor to United Shoe Machinery Corporation, Flemington, N. J. Lasting machine. 2,365,841; Dec. 26.
Robertshaw Thermostat Company. (See Eskin, Samuel G., assignor.)
Robertshaw Thermostat Company. (See Weber, Victor, assignor.)
Robertson, Alfred C., assignor to Eastman Kodak Company, Rochester, N. Y. Recording instrument. 2,358,102; Sept. 12.
Robertson, Alfred C., assignor to Eastman Kodak Company, Rochester, N. Y. Splicing two webs in overlapping relation. 2,360,277; Oct. 10.
Robertson, Andrew W., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Apparatus for cleaning fabrics. 2,360,278; Oct. 10.
Robertson, Anthony E., New York, N. Y., assignor to Standard Oil Development Company. Motor fuels. 2,365,009; Dec. 12.
Robertson, Archibald, assignor to Adel Precision Products Corp., North Hollywood, Calif. Bulkhead clip for wires and conduits. 2,362,160; Nov. 7.
Robertson, Benjamin C. (See Lesliing, M. S., and Robertson.)
Robertson Bleachery & Dye Works, Incorporated, The. (See Scholze, William F., Jr., assignor.)
Robertson, Campbell, Westfield, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacturing pigments. 2,361,059; Oct. 24.
Robertson, Edgar C. (See Ales, P., and Robertson.)
Robertson, Edward D., Helena, Ark. Fresh-air tempering means for building units. 2,355,469; Aug. 8.
Robertson, Durant W., Montclair, N. J., assignor to National Lead Company, New York, N. Y. Pigment and preparing the same. 2,346,188; Apr. 11.
Robertson, H. H., Company. (See Jenkins, Paul W., assignor.)
Robertson, John A., Deerfield, D. S. Payne, Chicago, and B. F. Arendt, Park Ridge, assignors to United States Gypsum Company, Chicago, Ill. Roof structure. 2,366,149; Dec. 26.
Robertson, John D., and J. L. Dube, Taunton, Mass.; said Dube assignor, by mesne assignments, to said Robertson. Weft straightening method and apparatus. 2,343,328; Mar. 7.
Robertson, John M. (See Spaulding, A. W., and Robertson.)
Robertson, John Y., El Paso, Tex. Water power system. 2,342,223; Feb. 22.
Robertson, Malva M., Dallas, and R. R. Douglas, Van, assignors to W. L. Garland, Grand Saline, Tex. Gas detecting apparatus. 2,345,772; Apr. 4.
Robertson, Oliver W., Brookline, assignor to Continental Machinery Co., Inc., New Bedford, Mass. Treating hides and skins. 2,343,929; Mar. 14.
Robertson, Robert S. (See Flournoy, Algernon F., assignor.)
Robertson, Russell T., New Windsor, Md. Bomb. 2,348,498; May 9.
Robertson, William. (See Frank, W. H., and Robertson.)
Robeson, Charles D. (See Baxter, J. G., and Robeson.)
Robey, Edward, Los Angeles, Calif. Spring assembly. 2,354,834; Aug. 1.
Robey, Richard F., Roselle, and R. Rosen, Elizabeth, N. J., assignors to Standard Oil Development Company. Selective solvents for olefins. 2,338,600; Jan. 4.
Robey, Richard F., Roselle, and H. K. Wiese, Union, N. J., assignors, by mesne assignments, to Jasco, Incorporated. Concentration of isomeric diolefins. 2,357,910; Sept. 12.
Robichaud, Gustave, Glens Falls, N. Y. Scythe. 2,363,084; Nov. 21.
Robichaux, Sosthene. (See Barrett, G. J., and Robichaux.)
Robidoux, Finley T., Houston, Tex., assignor to Halliburton Oil Well Cementing Company, Duncan, Okla. Electrical system for firing gun. 2,338,872; Jan. 11.
Robidoux, Finley T., Houston, Tex., assignor to Halliburton Oil Well Cementing Company, Duncan, Okla. Electric well caliper. 2,340,987; Feb. 8.
Robie, Norman P., assignor to The Carborundum Company, Niagara Falls, N. Y. Making ceramic bonded articles. 2,363,146; Nov. 21.
Robinett, Homer. (See Ryan, J. T., and Robinett.)
Robinette, Hillary, Jr., Arlington, Mass., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Surface active agents. 2,346,454; Apr. 11.
Robinette, Hillary, Jr., Arlington, Mass., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Mercerizing assistant. 2,352,409; June 27.
Robins, Adolf, White Plains, assignor to Tip Top Toy Company, New York, N. Y. Helicopter toy. 2,357,134; Aug. 29.
Robins, Paul N. (See Belokopytoff, Alexander J., assignor.)
Robins, Stanley J., New York, N. Y. Gauge. 2,357,024; Aug. 29.
Robinson, Albert P., near Seattle, Wash. Self-closing seal or joint. 2,357,688; Sept. 5.
Robinson, Allan, Boston, Mass. Cap for colored nail polish bottles. 2,340,900; Feb. 8.
Robinson, Bestor, U. S. Army, Oakland, Calif. Stove. 2,354,221; July 25.
Robinson, Cecil S., assignor of one-half to D. H. Robinson, Ithaca, N. Y. Aerial camera mount. 2,362,773; Nov. 14.

Robinson, Charles A., Salem, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe machine. 2,364,757; Dec. 12.
Robinson, David M., assignor to The Stanley Works, New Britain, Conn. Garage door clamp. 2,354,976; Aug. 1.
Robinson, Dorothy H. (See Robinson, Cecil S., assignor.)
Robinson, Edwin A. (See Fritz, J. H., and Robinson.)
Robinson, Edwin A. (See Kelley, M. J., and Robinson.)
Robinson, Edwin A., Chatham, and M. J. Kelley, Newark, assignors to National Oil Products Company, Harrison, N. J. Polyamides. 2,345,632; Apr. 4.
Robinson, Edwin A., Chatham, and R. E. Porter, East Orange, assignors to National Oil Products Company, Harrison, N. J. Treating of leather. 2,347,712; May 2.
Robinson, Edwin A., Chatham, and G. D. Davis, South Orange, assignors to National Oil Products Company, Harrison, N. J. Sulphated monoethanolamides and preparation thereof. 2,353,081; July 4.
Robinson, Foster G., assignor to Paper Sacks Limited, Bristol, England. Block-bottom closure for multiply paper bags or sacks. 2,360,720; Oct. 17.
Robinson, Frank L., et al. (See Christensen, Leo M., assignor.)
Robinson, Frederick W. (See Spence, L. U., and Robinson.)
Robinson, George A., Milton, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Packaging machine. 2,347,124; Apr. 18.
Robinson, George A., Milton, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Packaging machine. 2,352,863; July 4.
Robinson, Girard C., assignor to Girard Manufacturing Products, Inc., Maywood, Ill. Power-driven tool. 2,347,125; Apr. 18.
Robinson, Glenn D. (See Feagley, C. C., and Robinson.)
Robinson, Harold, Detroit, Mich. Chair construction. 2,362,585; Nov. 14.
Robinson, Harry C., and T. F. Challis, assignors to American Manufacturing Company, Chattanooga, Tenn. Display stand. 2,338,968; Jan. 11.
Robinson, Harry C., and T. F. Challis, assignors to American Manufacturing Company, Chattanooga, Tenn. Empty-bottle rack. 2,338,969; Jan. 11.
Robinson, Harry C., and T. F. Challis, assignors to American Manufacturing Company, Chattanooga, Tenn. Tree-type display rack. 2,361,060; Oct. 24.
Robinson, Harry G., Stratford, Conn., assignor to American Chain & Cable Company, Inc., New York, N. Y. Abrasive cutoff machine. 2,358,880; Sept. 26.
Robinson, Herschel M., New Albany, Ind., assignor to The Mengel Company, Louisville, Ky. Adjustable cutterhead. 2,338,301; Jan. 4.
Robinson, J. H., & Company (Liverpool), Limited. (See Ormerod, G. A., and Smith, assignors.)
Robinson, Jack, Wood River, and H. Lowery, Alton, assignors to Standard Oil Company, Chicago, Ill. Dichloroethyl ether extraction process. 2,338,384; Jan. 4.
Robinson, Jack D., and F. J. Myers, assignors to The Resinous Products & Chemical Company, Philadelphia, Pa. Poly-disperse system. 2,346,083; Apr. 4.
Robinson, James. (See Harrington, F. T., and Robinson.)
Robinson, James. (See Harrington, F. T., Twyman, and Robinson.)
Robinson, James. (See Rouse, W. E., Robinson, and Dietiker.)
Robinson, James, assignor to Vickers Incorporated, Detroit, Mich. Power transmission. 2,354,278; July 25.
Robinson, James H., Dover, N. J. Parachute. 2,349,833; May 30.
Robinson, John, Altadena, Calif. Rate of ascent and descent indicator for aircraft. 2,357,060; Aug. 29.
Robinson, John E., Glen Ellyn, Ill., assignor to American Can Company, New York, N. Y. Adhesive composition. 2,361,418; Oct. 31.
Robinson, John E., Glen Ellyn, and R. P. Bigger, Lombard, Ill., assignors to American Can Company, New York, N. Y. Container. 2,353,762; July 18.
Robinson, Joseph, assignor to W. R. Warner & Co. Inc., New York, N. Y. Electric vaporizer. 2,358,349; Sept. 19.
Robinson, Lysle E. (See Edwards, W. E., Fletcher, and Robinson.)
Robinson, Merrill P. (See Sebald, J. F., Robinson, and Wood.)
Robinson, Merrill P., Upper Montclair, assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Water treating apparatus. 2,355,561; Aug. 8.
Robinson, Merrill P., Upper Montclair, assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Water treating apparatus. 2,365,293; Dec. 19.
Robinson, Milton E., and R. N. Henderson, Waukegan, Ill., assignors to American Can Company, New York, N. Y. Vacuum closing machine. 2,359,793; Oct. 10.
Robinson, Preston, Williamstown, assignor to Sprague Specialties Co., North Adams, Mass. Electrically insulated element. 2,350,822; June 6.
Robinson, Preston, Williamstown, assignor to Sprague Specialties Co., North Adams, Mass. Electrical condenser. 2,350,823; June 6.
Robinson, Richard S., Geddes, assignor to The Solvay Process Company, New York, N. Y. Production of alkali metal sulphides. 2,344,001; Mar. 14.
Robinson, Richard S., Syracuse, assignor to The Solvay Process Company, New York, N. Y. Dehumidifying apparatus. 2,363,262; Nov. 21.
Robinson, Thomas, New York, N. Y. Apparatus for treating plastic material in a controlled atmosphere. 2,351,706; June 20.
Robinson, Thomas, New York, N. Y. Method and apparatus for effecting sonic pulverization and dispersion of materials. 2,360,893; Oct. 24.
Robinson, Thomas E., Tulsa, Okla. File folder seal. 2,363,806; Nov. 28.
Robinson, Thomas R., Everett, Wash. Loading and unloading device. 2,344,923; Mar. 21.
Robinson, Thomas R., Jr., New Haven, assignor to The High Standard Manufacturing Company, Hamden, Conn. Pivot means for firearm elements. 2,350,131; May 30.
Robinson, William, assignor to Certified Gas Equipment Co., Chicago, Ill. Gas valve structure. 2,361,655; Oct. 31.
Robinson, William H., Limestone, assignor to Wheeling Steel Corporation, Wheeling, W. Va. Container and closure structure. 2,363,093; Nov. 28.
Robinson, William W., Spokane, Wash. Fluoroscope. 2,343,846; Mar. 7.
Robshaw, Rose, executrix. (See Barrett, G. J., and Robichaux.)
Robson, Floyd L., Fort Smith, Ark. Beverage cooler. 2,360,073; Oct. 10.
Robson, Floyd L., Fort Smith, Ark. Beverage cooler. 2,360,074; Oct. 10.
Robson, Leroy C., assignor to Sturdy Tool and Engineering Company, Detroit, Mich. Broach pull. 2,360,980; Oct. 24.
Roblin, Richard O., Jr., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Softening rubber. 2,347,966; May 2.
Roblin, Richard O., Jr., Old Greenwich, and G. W. Anderson, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Preparing sulphanilylalkylisoureas. 2,356,949; Aug. 29.
Roblin, Richard O., Jr., Old Greenwich, and G. W. Anderson, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Preparation of sulphonyl aryl biguanides. 2,357,268; Aug. 29.
Roblin, Richard O., Jr., and P. S. Winnek, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Substituted thiadiazoles. 2,358,031; Sept. 12.
Roby, Frank H., Milwaukee, Wis., assignor to Square D Company, Detroit, Mich. Welder control system. 2,338,540; Jan. 4.
Roby, Frank H., Milwaukee, Wis., assignor to Square D Company, Detroit, Mich. Method and system of motor control and switch operated thereby. 2,343,801; Mar. 7.
Roby, Horace H., Wichita, Kans. Propeller hub assembly. 2,347,282; Apr. 25.
Roby, Horace H., assignor to Roby, Inc., Wichita, Kans. Gauge for setting the pitch of propeller blades. 2,348,095; May 2.
Roby, Horace H., assignor to Roby Inc., Wichita, Kans. Pitch adjusting mechanism for variable pitch propellers. 2,354,422; July 25.
Roby, Inc. (See Roby, Horace H., assignor.)
Rocca, John L., Brooklyn, N. Y. Drain tube for embalmers. 2,341,388; Feb. 8.
Roche, Alleman H. and T. W. Elliott, assignors to Standard Telephones and Cables Limited, London, England. Negative feedback amplifiers. 2,364,389; Dec. 5.
Roche, James N., Pittsburgh, and E. B. Kester, Forest Hills, assignors to Koppers Company, Pittsburgh, Pa. Tile and preparing the same. 2,339,294; Jan. 18.
Roché, Jean A., Dayton, Ohio. Propeller hub. 2,338,302; Jan. 4.
Roche-Organon Inc. (See Oppenauer, R., and Bolt, assignors.)
Roche-Organon Incorporated. (See Reichstein, Tadeus, assignor.)
Roche Products Limited. (See Bergel, Franz., assignor.)
Rochester Manufacturing Co. (See Connolly, W. B., and Ford, assignors.)
Rochester Manufacturing Co. (See Ford, George E., assignor.)
Rochester Manufacturing Co. (See Ford, G. E., and Hastings, assignors.)
Rochester Manufacturing Company. (See Ford, G. E., Hastings, and Connolly, assignors.)
Rochester Trust and Safe Deposit Company, executor. (See Pieper, Oscar H.)
Rochestie, Barnett B., Trenton, N. J. Marine safety light. 2,355,013; Aug. 1.
Rochow, Eugene G., West Albany, N. Y., assignor to General Electric Company. Organosilicon compound. 2,352,974; July 4.
Rock Hill Printing & Finishing Company. (See Aycock, John A., assignor.)
Rock Island Sash and Door Works. (See Weyerhaeuser, Frederick, assignor.)
Rocke, Floyd L., Bloomington, assignor to Electric Household Utilities Corporation, Chicago, Ill. Agitator construction. 2,356,353; Aug. 22.
Rockett, Albert L. (See Edwards, William C., assignor.)

Rockford Machine Tool Company. (See Jackson, Paul S., assignor.)
Rockford Manufacturing Company. (See Koella, Ernest, assignor.)
Rockhill, Roscoe R., Shorewood, assignor to Rex-O-Graph, Inc., Milwaukee, Wis. Block-out mechanism for duplicating machines. 2,360,015; Oct. 10.
Rockoff, Joseph, assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Draft apron. 2,341,656; Feb. 15.
Rockoff, Joseph, assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Making endless members for use in drafting units. 2,342,556; Feb. 22.
Rock-Ola Manufacturing Company. (See Dettle, Lawrence E., assignor.)
Rock-Ola Manufacturing Corporation. (See Davis, J. A., and Gill, assignors.)
Rock-Ola Manufacturing Corporation. (See Hutter, William H., assignor.)
Rockrite Processes, Inc. (See Coe, George B., assignor.)
Rockrite Processes, Inc. (See Inslee, Heber C., assignor.)
Rockwell, Albert M., Glastonbury, assignor to United Aircraft Corporation, East Hartford, Conn. Engine mount. 2,344,735; Mar. 21.
Rockwell, Edward A., West Hartford, Conn. Hydraulic travel modulation control. 2,352,344; June 27.
Rockwell, George E., Cincinnati, Ohio, assignor to Eli Lilly and Company, Indianapolis, Ind. Pollen antigen and preparing it. 2,347,435; Apr. 25.
Rockwood, Alan C., assignor, by mesne assignments, to Raytheon Manufacturing Company, Newton, Mass. Discharge tube spacer. 2,358,829; Sept. 26.
Rockwood, Albert E. (See Deane, H. N., and Rockwood.)
Rockwood, Albert E., assignor to Simplex Time Recorder Co., Gardner, Mass. Ribbon spool. 2,339,652; Jan. 18.
Rockwood, Donald R., Williamsville, N. Y., and G. F. Deibel, Jr., Chicago, Ill. Quick connecting turnbuckle. 2,359,492; Oct. 3.
Rodanet, Charles H. H., Neuilly-sur-Seine, France; vested in the Alien Property Custodian. Vehicle speed recorder. 2,341,118; Feb. 8.
Rodanet, Charles H. H., Neuilly-sur-Seine, France; vested in the Alien Property Custodian. Magnetic tachometer. 2,347,613; Apr. 25.
Rodder, William, Youngstown, and E. H. Kendall, Alliance, assignors to The Aetna-Standard Engineering Company, Youngstown, Ohio. Cutoff apparatus. 2,350,975; June 6.
Roddy, Fred M., Providence, R. I., assignor to H & B American Machine Company. Builder mechanism. 2,364,819; Dec. 12.
Rode, Fredrich J., and M. R. Hatch, Toledo, Ohio, assignors to E. W. Bliss Company, Brooklyn, N. Y. Toggle press. 2,364,661; Dec. 12.
Roderick, Howard F. (See Beecher, B. K., and Roderick.)
Roderick, Howard F. (See Hughes, A. E., Browne, and Roderick.)
Rodgers, James H., Oklahoma City, Okla., assignor to Phillips Petroleum Company. Tube gauge safety device for high pressure tanks. 2,361,872; Oct. 31.
Rodic Rubber Corporation. (See Nichols, Wallace H., assignor.)
Rodman, Clarence J., Alliance, Ohio. Bathtub. 2,346,942; Apr. 18.
Rodman, Ernest A., Newburgh, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Method of coating fabric. 2,356,354; Aug. 22.
Rodman, Isaac P., Cambridge, Mass., assignor to Columbia Recording Corporation, New York, N. Y. Thrust bearing. 2,353,763; July 18.
Rodman, Thomas E., Glencoe, and H. G. Warr, Park Ridge, assignors to Poor & Company, Chicago, Ill. Railway track lubricating apparatus. 2,355,241; Aug. 8
Rodney, Carl E., Millet, Alberta, Canada. Gun sight. 2,343,802; Mar. 7.
Rodriguez, Emil, assignor to Jacoby-Bender, Inc., New York, N. Y. Bracelet clasp. 2,355,926; Aug. 15.
Rodway, John, Lincoln, England. Controlling brakes on trailer vehicles. 2,362,931; Nov. 14.
Roe, Doyle L., Grand Saline, Tex. Ink eradicator applicator. 2,349,005; May 16.
Roe, Grant A., Middletown, N. Y. Utility box flag. 2,352,975; July 4.
Roe, Howard A., assignor to The General Industries Company, Elyria, Ohio. Automatic stop for phonograph mechanisms. 2,348,924; May 16.
Roedding, Gordon E., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Lighting fixture. 2,338,541; Jan. 4.
Roedding, Gordon E., Madison County, Ind., assignor to General Motors Corporation, Detroit, Mich. Prismoidal rearview mirror. 2,356,432; Aug. 22.
Roedding, Gordon E., and R. N. Falge, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Lighting fixture. 2,353,082; July 4.
Roedel, Milton J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Copolymers of sulphur modified polyhaloprenes. 2,356,091; Aug. 15.
Roeder, Dale, Wayne, and E. H. Wright, Detroit, assignors to Ford Motor Company, Dearborn, Mich. Engine control. 2,364,662; Dec. 12.
Roeder, Erwin O., Ebenezer, assignor to Spencer Lens Company, Buffalo, N. Y. Microscope. 2,365,594; Dec. 19.
Roeder, Everett M. (See Hanson, G. N., Morgenthaler, and Roeder.)
Roeder, Everett M., Merrick, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Electrical alarm and testing system. 2,363,651; Nov. 28.
Roediger, Joseph C., Brooklyn, N. Y., assignor to Standard Oil Development Company. Asphalt composition capable of cold application. 2,355,242; Aug. 8.
Roehner, Sollfrey, Brooklyn, N. Y. Shaving implement. 2,359,584; Oct. 3.
Roehrl, Bruno C., Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. Film carton with mailing tag. 2,359,679; Oct. 3.
Roelen, Otto, Oberhausen-Holten, Germany; vested in the Alien Property Custodian. Apparatus for forming threads or filaments from mixtures of solid and liquid matter. 2,361,709; Oct. 31.
Roemer, George R., Mount Lebanon, Pa. Art of rolling rods. 2,365,216; Dec. 19.
Roemer, Ralph R., Cleveland, Ohio. Power operated machine tool. 2,343,243; Mar. 7.
Roemer, Ralph R., Cleveland, Ohio. Power operated machine tool. 2,364,475; Dec. 5.
Roemer, William C. (See Williams, D. M., and Roemer.)
Roemisch, Joseph L., Montclair, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Frequency converter. 2,352,451; June 27.
Roesch, George B., Adrian, Mich. Sediment detector. 2,345,290; Mar. 28.
Roesch, George R., and G. White, assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Glass grinding apparatus. 2,356,433; Aug. 22.
Roesch, Stephen J., and J. W. Myers, assignors to Proctor & Schwartz, Inc., Philadelphia, Pa. Electrical switch. 2,357,225; Aug. 29.
Roesch, Willard G., and F. G. Brueckmann, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Catalytic process. 2,348,418; May 9.
Roesen, Oscar C., Scarsdale, N. Y., assignor to Wood Newspaper Machinery Corporation, Plainfield, N. J. Web winding. 2,357,976; Sept. 12.
Roethel, John H., assignor to Marvel Equipment Corporation, Detroit, Mich. Deck lid hinge. 2,341,847; Feb. 15.
Roethell, Bruno E., Cranford, N. J., assignor to Standard Oil Development Company. Producing aviation gasoline. 2,360,622; Oct. 17.
Roger, Henry, Sandy Hook, Conn., assignor to American Measuring Instruments Corporation. Optical comparator. 2,356,274; Aug. 22.
Rogers, Arthur O. (See Cass, O. W., and Rogers.)
Rogers, Arthur O. (See Hanaley, V. L., and Rogers.)
Rogers, Augustus J., Beulah, Mich. Preserving fruit. 2,340,145; Jan. 25.
Rogers, Bruce A., Forest Hills, Pa. Temperature determination. 2,359,794; Oct. 10.
Rogers, Charles A., Detroit, Mich. Making butter. 2,365,217; Dec. 19.
Rogers Diesel and Aircraft Corporation. (See Hall, Edwin S., assignor.)
Rogers, Dilworth T. (See Carlson, G. H., and Rogers.)
Rogers, Ernest W. H., assignor to Rediffusion Limited, London, England. Microphone device. 2,361,656; Oct. 31.
Rogers, Eugene A., Riverdale, Md. Dispensing cap or closure for containers. 2,365,110; Dec. 12.
Rogers, Francis H., Elmhurst, Kenley, and E. G. Husenlaub, Brentford, England. Treatment of cereals prior to flour milling. 2,358,250; Sept. 12.
Rogers, Frank, Estancia, N. Mex. Harvesting machine. 2,343,583; Mar. 7.
Rogers, George L., Schenectady, N. Y., assignor to General Electric Company. Electric control circuit. 2,340,694; Feb. 1.
Rogers, George L., Inglewood, Calif., assignor to Ione Barian Rogers, Inglewood, Calif. Cigarette-wrapping device. 2,346,397; Apr. 11.
Rogers, H. F. (See Ford, Edward T., assignor.)
Rogers, Harrison W., Miami, Fla. Fruit paring and cutting mechanism. 2,361,241; Oct. 24.
Rogers, Harry G., Wellington, New Zealand. Display screen for pictures and the like. 2,365,010; Dec. 12.
Rogers, Ione B. (See Rogers, George L., assignor.)
Rogers, John H. (See Grundon, J. P., and Rogers.)
Rogers, John H. (See Husenlaub, E. G., and Rogers.)
Rogers, Levant C. (See Bendar, Arthur Z., assignor.)
Rogers Majestic Corporation. (See Gossling, Clement E., assignor.)
Rogers Majestic Corporation. (See Gossling, C. E., and Smith, assignors.)
Rogers, Orville R., Dayton, Ohio. Electrical indicating and measuring apparatus. 2,365,218; Dec. 19.
Rogers, Paul L, Richmond Hill, N. Y. Packaging method. 2,344,640; Mar. 21.
Rogers, Paul M., Orange, Calif. Manufacture of flat mops. 2,351,546; June 13.
Rogers, Yuble W., St. Louis, Mo. Combination table. 2,348,573; May 9.
Roggenstein, Edwin O., Ilion, assignor to Remington Rand Inc., Buffalo, N. Y. Recording and computing machine. 2,364,758; Dec. 12.
Roggenstein, Edwin O., Utica, assignor to Remington Rand Inc., Buffalo, N. Y. Recording and computing machine. 2,364,759; Dec. 12.

Rogoff, Julian, New York, N. Y., assignor to Burndy Engineering Company, Inc. Tool installed connector and its installation. 2,347,713; May 2.
Rohdin, Howard, Glen Ridge, N. J. Bag and making the same. 2,350,132; May 30.
Roher, Harry, Brooklyn, N. Y. Manufacture of garments. 2,347,578; Apr. 25.
Rohlin, Victor A., assignor to Cochrane Corporation, Philadelphia, Pa. Atomizing deaerator. 2,345,217; Mar. 28.
Röhm & Haas Company. (See Andrews, C. E., and Fenske, assignors.)
Röhm & Haas Company. (See Bauer, W., and Kautter, assignors.)
Röhm & Haas Company. (See Bock, Louis H., assignor.)
Röhm & Haas Company. (See Bock, L. H., and Houk, assignors.)
Röhm & Haas Company. (See Bruson, Herman A., assignor.)
Röhm & Haas Company. (See Hager, Onslow B., assignor.)
Röhm & Haas Company. (See Helwig, Edward L., assignor.)
Röhm & Haas Company. (See Hester, W. F., and Craig, assignors.)
Röhm & Haas Company. (See Hiltner, James R., assignor.)
Röhm & Haas Company. (See Hollander, C. S., assignor.)
Röhm & Haas Company. (See Johnson, William S., assignor.)
Röhm & Haas Company. (See Neher, H. T., and Conn, assignors.)
Röhm & Haas Company. (See Spence, Le Roy U., assignor.)
Röhm & Haas Company. (See Spence, L. U., and Robinson, assignors.)
Röhm & Haas Company. (See Thackston, W. J., and Glarum, assignors.)
Röhm & Haas Company. (See Thackston, W. J., and Powers, assignors.)
Röhm & Haas Company. (See Thomas, J. J., Diehm, and Somerville, assignors.)
Rohr Aircraft Corporation. (See Rohr, Frederick H., assignor.)
Rohr, Frederick H., San Diego, assignor to Rohr Aircraft Corporation, Chula Vista, Calif. Tilting arc. 2,348,309; May 9.
Rohr, Frederick H., San Diego, assignor to Rohr Aircraft Corporation, Chula Vista, Calif. Airplane power plant and cowling assembly means. 2,349,006; May 16.
Rohr, Henry C., and P. R. Contant, Rochester, N. Y., assignors to General Motors Corporation, Detroit, Mich. Oil burner. 2,346,398; Apr. 11.
Rohrbach, Adolf K. (See Scheler, E., and Rohrbach.)
Rohrbach, John J., Rochester, assignor to Shuron Optical Company, Inc., Geneva, N. Y. Top arm spectacles. 2,357,267; Aug. 29.
Rohrbaugh, Percy W., Upland, assignor to California Fruit Growers Exchange, Los Angeles, Calif. Device for determining the epinasty response of plants. 2,358,881; Sept. 26.
Rohrbaugh, Percy W., Upland, assignor to California Fruit Growers Exchange, Los Angeles, Calif. Testing for ethylene. 2,358,882; Sept. 26.
Rohrer, Emil J., Kansas City, Mo. Concrete form and holder. 2,347,126; Apr. 18.
Rohrmann, Ewald. (See Shonle, H. A., and Rohrmann.)
Rohrmann, Ewald, assignor to Eli Lilly and Company, Indianapolis, Ind. Producing dialkoxy stilbenes. 2,346,048; Apr. 4.
Rohrmann, Ewald, assignor to Eli Lilly and Company, Indianapolis, Ind. Producing dialkoxy stilbenes. 2,346,049; Apr. 4.
Roitz, Joseph M., Cleveland, Ohio, assignor to The American Steel and Wire Company of New Jersey. Bundle handling mechanism for coiled material. 2,356,698; Aug. 22.
Rojo, Jesus M., Habana, Cuba, assignor to Continental Can Company, Inc. Making can bodies. 2,350,824; June 6.
Roko Corporation. (See Coberly, Clarence J., assignor.)
Roland, John, assignor to Schwitzer-Cummins Company, Indianapolis, Ind. Metering device for screw feeds. 2,343,707; Mar. 7.
Roland, Lewis H., Inglewood, Calif. Electrode holder. 2,360,016; Oct. 10.
Rol-A-Way Company. (See Knapp, David R., assignor.)
Rolfs, Baltus, West Bend, Wis. Personal insignia for bags, pocketbooks, and the like. 2,342,494; Feb. 22.
Rolfson, Francis B. (See Panther, C. J., and Rolfson.)
Roll, John. (See Peets, W. J., and Roll.)
Rolland Glass Company. (See Groghan, Esta C., assignor.)
Rollason Aircraft Instruments and Equipment Limited. (See Thomas, Albert H. J., assignor.)
Rollert, Edward D., Flint, assignor to General Motors Corporation, Detroit, Mich. Making spark plugs. 2,360,279; Oct. 10.
Rollman, Ernest E., and R. Beauvais, New York; said Rollman assignor to American Research and Development Corp., Long Island City, N. Y. Shoe sole. 2,363,995; Nov. 28.
Rollman, Walter F., Cranford, N. J., assignor to Standard Oil Development Company. Coking process. 2,366,055; Dec. 26.
Rollmann, Ernst, Brussels, Belgium, assignor to H. Rollmann, Kew Gardens, N. Y. Process and apparatus for manufacture of molded rubber footwear. 2,357,360; Sept. 5.
Rollmann, Heinz. (See Rollmann, Ernst, assignor.)
Rolnick, Harry A., assignor to Rolnick Testing & Manufacturing Co., Philadelphia, Pa. Electric salt bath furnace. 2,340,678; May 23.
Rolnick Testing & Manufacturing Co. (See Rolnick, Harry A., assignor.)
Rolph, Thomas W., Newark, Ohio, assignor to Holophane Company, Inc., New York, N. Y. Luminaire. 2,352,801; July 4.
Rolph, Thomas W., and S. J. Harris, Newark, Ohio, assignors to Holophane Company, Inc., New York, N. Y. Heat-transmitting, light-absorbing glass and articles made therefrom. 2,360,280; Oct. 10.
Rolstad Manufacturing Company. (See Rolstad, M., and Cullen, assignors.)
Rolstad, Melvin, and H. E. Cullen, assignors to Rolstad Manufacturing Company, Minneapolis, Minn. Lather mixing machine. 2,344,170; Mar. 14.
Roman, Philip, New York, N. Y. Making dolls and novelties. 2,360,017; Oct. 10.
Roman, Walter G., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Spark gap device. 2,365,595; Dec. 19.
Romander, Hugo, North Caldwell, N. J., assignor to Federal Telephone and Radio Corporation. High frequency amplifying system. 2,338,542; Jan. 4.
Romano, Lawrence P. (See Messinger, Harold L., assignor.)
Romanoff, Alexis L., assignor to Cornell Research Foundation, Inc., Ithaca, N. Y. Egg sorting method and mechanism. 2,362,774; Nov. 14.
Romanoff, Hippolyte W., New York, N. Y. Wire cutter. 2,339,880; Jan. 25.
Romanoski, Joseph A. E., Huntington, N. Y. Plane attachment. 2,349,112; May 16.
Romao, August, San Francisco, Calif. Multidirectional electric dry shaver. 2,346,235; Apr. 11.
Rombach, William L., Highland Park, Mich. Hose holder. 2,355,562; Aug. 8.
Romeo, Charles, Brooklyn, N. Y. Adjustable stool. 2,338,783; Jan. 11.
Römer, Otto, Berlin-Siemensstadt, Germany; vested in the Alien Property Custodian. Polarized single-coil relay. 2,350,825; June 6.
Ronan & Kunzl. (See Camburn, Elwyn A., assignor.)
Ronay, Bela, Annapolis, Md. Metal-cladding. 2,361,962; Nov. 7.
Roncl, Victor L. (See Clark, J. E., Domaleski, and Roncl.)
Roncl, Victor L. (See Little, J. B., and Roncl.)
Rondinone, Joseph F., assignor of one-fourth to W. C. Rondinone, Wethersfield, Conn. Inside micrometer. 2,357,689; Sept. 5.
Rondinone, Winifred C. (See Rondinone, Joseph F., assignor.)
Ronning, Adolph, Minneapolis, Minn. Mine. 2,352,226; June 27.
Ronning, Adolph, Minneapolis, Minn. Mine sweeping and disabling apparatus. 2,353,360; July 11.
Ronning, Jacob A., Minneapolis, Minn. High grass lawn mower. Re. 22,467; Apr. 4.
Ronrico Corporation. (See Reachi, Luis, assignor.)
Rood, William B., assignor to Automatic Screen Corporation, Des Moines, Iowa. Window screen. 2,356,275; Aug. 22.
Roodner, Sylvia, New York, N. Y. Slip. 2,365,596; Dec. 19.
Rooney, Thomas P., Fall River, Mass. Textile drafting device. 2,347,967; May 2.
Rooney, Walter E., Bellingham, Wash., assignor to American Can Company, New York, N. Y. Can body forming machine. 2,359,795; Oct. 10.
Roos, Delmar G., assignor to Willys-Overland Motors, Inc., Toledo, Ohio. Vehicle construction. 2,356,180; Aug. 22.
Roos, Delmar G., assignor to Willys-Overland Motors, Inc., Toledo, Ohio. Crankcase ventilation system. 2,361,061; Oct. 24.
Roos, Edward, Jr., Western Springs, and W. H. Ziegler, Forest Park, Ill. Chest. 2,355,332; Aug. 8.
Roosa, Calvin S., West Englewood, N. J. Reeling device. 2,352,737; July 4.
Roosa, Vernon D., Ardsley, assignor of one-fourth to E. J. Wilson, Astoria, Long Island, N. Y. Fuel pump. 2,353,188; July 11.
Roose, Cyriel, and T. E. Jackson, assignors to Sherman, Jackson & Roose Company, Detroit, Mich. Pump. 2,340,020; Jan. 25.
Roosenstein, Hans O. (See von Baeyer, H. J. R., Roosenstein, and Tischer.)
Root, A. I., Company, The. (See Rau, Karl, assignor.)
Root, Albert B., Jr., Newton, assignor to Hunt-Spiller Manufacturing Corporation, Boston, Mass. Piston and packing. 2,339,949; Jan. 25.
Root, Charles S., Bridgeport, Conn., assignor to General Electric Company. Multiband receiver circuit. 2,355,470; Aug. 8.

Root, Frank B., Montclair, N. J., assignor to Ellis-Foster Company. Printing ink. 2,347,436; Apr. 25.
Root, Frank B., Montclair, N. J., assignor to Ellis-Foster Company. Chewing gum. 2,366,128; Dec. 26.
Root, L. F., Brooklyn, N. Y., assignor to Scovill Manufacturing Company, Waterbury, Conn. Vanity box. 2,349,803; May 30.
Root, Le Roy P., Brooklyn, N. Y., assignor to Scovill Manufacturing Company, Waterbury, Conn. Sealing device for dispensers. 2,362,404; Nov. 7.
Root Manufacturing Company, The. (See Root, Ralph R., assignor.)
Root, Ralph R., Lakewood, assignor to The Root Manufacturing Company, Cleveland, Ohio. Sprayer. 2,339,426; Jan. 18.
Root, Ralph R., Lakewood, assignor to The Root Manufacturing Company, Cleveland, Ohio. Dusting and spraying apparatus. 2,356,950; Aug. 29.
Roper, Edwin E., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Well logging. 2,346,789; Apr. 18.
Roper, Geo. D., Corporation. (See Hennessy, John F., assignor.)
Roper, Geo. D., Corporation. (See Hennessy, J. F., and Thulander, assignors.)
Roper, Geo. D., Corporation. (See Hobson, Stanley H., assignor.)
Roper, Geo. D., Corporation. (See Ring, Harold H., assignor.)
Roper, Geo. D., Corporation. (See Sandberg, Folke, assignor.)
Roper, John M. (See Dirckson, A. D., and Roper.)
Roper, John M., Washington, D. C. Airplane landing light lamp retaining ring. 2,363,147; Nov. 21.
Roper-Lowe, Frank, Burnham, and R. Sandison, Worsley, near Manchester, assignors to Magnesium Elektron Limited, London, England. High temperature reaction and furnace therefor. 2,357,135; Aug. 29.
Roper, Richard F., assignor, by mesne assignments, to Plesantaire Corporation of America, Washington, D. C. Air conditioning apparatus. 2,359,051; Sept. 26.
Roquemore, Glen F., assignor to Wingfoot Corporation, Akron, Ohio. Adhering gelatin coatings to metal. 2,356,005; Aug. 15.
Rorke, Harold R., New York, N. Y. Case and fastening therefor. 2,350,640; June 6.
Rosa, Laszlo, and L. Zakarias, Budapest, Hungary; vested in the Alien Property Custodian. Device for functional tests of organs of living bodies. 2,352,011; June 20.
Rossire, Esme E. (See Horvitz, Leo, assignor.)
Rosan, Joseph, North Hollywood, Calif. Tubular insert. 2,353,851; July 18.
Rosander, Axel E. (See Rosander, John E. and A. E.)
Rosander, John E. and A. E., Minneapolis, Minn. Beer faucet. 2,364,820; Dec. 12.
Roschko, Joseph M. (See Wilson, William, assignor.)
Rosco Manufacturing Company. (See Rosholt, Thorman W., assignor.)
Rose, Alexander D., Des Plaines, and H. Seegers, assignors to Jas. P. Marsh Corporation, Chicago, Ill. Liquid level gauge. 2,350,533; June 6.
Rose, Alfred G., assignor to Rose Brothers (Gainsborough) Limited, Gainsborough, England. Conveyer mechanism. 2,346,610; Apr. 11.
Rose, Alfred G., assignor to Rose Brothers (Gainsborough) Limited, Gainsborough, England. Packing machinery. 2,345,650; May 9.
Rose, Allen M., Washington, D. C., assignor to American Telephone and Telegraph Company. Signaling device. 2,360,721; Oct. 17.
Rose, Bennie A. (See Hanna, R. P., and Rose.)
Rose Brothers (Gainsborough) Limited. (See Rose, Alfred G., assignor.)
Rose-Derry Company. (See Matthesius, Anna S., assignor.)
Rose, Francis L. (See Haworth, E., and Rose.)
Rose, Frank D., Pasadena, assignor to Paramount Acceptance Corporation, Hynes, Calif. Vehicle body. 2,358,537; Sept. 19.
Rose, Harry E., assignor of one-half to S. Lavis, Los Angeles, Calif. Sheet aligning clamp. 2,359,530; Oct. 3.
Rose, Henry L., Burlington, Ontario, Canada. Mechanical movement. 2,343,244; Mar. 7.
Rose, Howard E. (See Twyman, L. R., Moser, and Rose.)
Rose, Jay, New York, N. Y. Ticket counting machine. 2,345,291; Mar. 28.
Rose, Jess C., assignor to Bardwell & McAlister, Inc., Los Angeles, Calif. Collapsible and vertically adjustable stand for work lamps. 2,352,496; June 27.
Rose, John J., Dayton, Ohio. Flashover prevention means for high-tension ignition apparatus. 2,365,219; Dec. 19.
Rose, Samuel P., Flushing, and S. B. Somervell, assignors of seventy-five one-hundredths to said Rose, ten one-hundredths to said Somervell, ten one-hundredths to E. L. Alexander, New York, and five one-hundredths to J. L. Goldenberg, Brooklyn, N. Y. Rotary blower. 2,346,236; Apr. 11.
Rose, William H., Jersey City, N. J. Spraying device. 2,348,419; May 9.
Rose, William H., Jersey City, N. J. Liquid spraying device. 2,348,420; May 9.
Rose, William H., Jersey City, N. J. Atomizing device. 2,354,063; July 18.
Rose, William H., Jersey City, N. J. Liquid spraying device. 2,354,064; July 18.
Rose, William O., Wyandotte, Mich. Starter drive. 2,341,516; Feb. 15.
Rose, William R., Arlington, Va. Hot tar roof cart. 2,351,292; June 13.
Rosebrook, Freeman D. (See Rosebrook, Harry H. and F. D.)
Rosebrook, Harry H. and F. D., OakPark, Ill. Track approach bridge. 2,361,873; Oct. 31.
Rosebrook, Homer E., assignor, by mesne assignments, to Gibson Refrigerator Company, Greenville, Mich. Refrigerator. 2,353,361; July 11.
Rosecky, Joseph E., Menomonee Falls, assignor to Gehl Guernsey Farms, Inc., Milwaukee, Wis. Machine and a process for making sugared milk powder. 2,358,418; Sept. 19.
Roseland, Gustav, Portland, Oreg. Aircraft. 2,362,224; Nov. 7.
Roselund, Harold A., assignor to The De Vilbiss Company, Toledo, Ohio. Moving spray guns or other devices through predetermined paths. 2,344,108; Mar. 14.
Roselund, Harold A., assignor to The De Vilbiss Company, Toledo, Ohio. Pan greasing machine. 2,350,708; June 6.
Roseman, Leo, Newark, N. J. Lacing closure. 2,339,427; Jan. 18.
Roseman, Leo, Newark, N. J. Clamping device for flexible connectors. 2,343,708; Mar. 7.
Roseman, Leo, Newark, N. J. Fabric fastener element. 2,350,194; May 30.
Rosen, Carl G. A., Peoria, and C. R. Maxwell, Washington, Ill., assignor to Caterpillar Traction Co., San Leandro, Calif. Engine. 2,352,497; June 27.
Rosen, Louis. (See Camin, Etinne L. A., assignor.)
Rosen, Meyer, Monroe, Mich. Furnace construction. 2,346,050; Apr. 4.
Rosen, Oscar B., Detroit, Mich. Duplicating machine. 2,347,367; Apr. 25.
Rosen, Oscar C., Scarsdale, N. Y., assignor to Wood Newspaper Machinery Corporation, Plainfield, N. J. Web winding. 2,361,795; Oct. 31.
Rosen, Oscar E., Detroit, Mich. Duplicating machine. 2,345,218; Mar. 28.
Rosen, Oscar E., Detroit, Mich. Control means for hydraulic motors. 2,347,368; Apr. 25.
Rosen, Oscar E., Detroit, Mich. Control device for duplicating machines. 2,364,873; Dec. 12.
Rosen, Raphael. (See Robey, R. F., and Rosen.)
Rosen, Raphael, Elizabeth, and R. M. Thomas, Union, N. J., assignors to Standard Oil Development Company. Hydrocarbon oil containing organic polysulphides as oxidation inhibitors. 2,338,669; Jan. 4.
Rosen, Raphael, Elizabeth, N. J., assignor to Standard Oil Development Company. Lubricant. 2,354,550; July 25.
Rosen, Raphael, Elizabeth, N. J., assignor to Standard Oil Development Company. Lubricating oil composition. 2,360,623; Oct. 17.
Rosen, Raphael, Elizabeth, N. J., assignor to Standard Oil Development Company. Producing valuable aromatic hydrocarbons from petroleum fractions. 2,363,263; Nov. 21.
Rosen, Raphael, Elizabeth, N. J., assignor to Standard Oil Development Company. Alkylation catalyst. 2,363,264; Nov. 21.
Rosen, Raphael, Elizabeth, N. J., assignor to Standard Oil Development Company. Lubricant composition. 2,365,011; Dec. 12.
Rosen, Samuel S., New York, N. Y. Dispensing container. 2,363,148; Nov. 21.
Rosenberg, Adolph H., et al. (See Mayer, Richard, assignor.)
Rosenberg, Albert E., New York, N. Y. Knife rack. 2,338,303; Jan. 4.
Rosenberg, David S. (See Mande, A. H., and Rosenberg.)
Rosenberg, Irving D., Orange, N. J. Micrometer. 2,339,031; Jan. 11.
Rosenberg, Jacob E., Pittsburgh, Pa., assignor to The O. Hommel Company. Slip for enameling. 2,341,242; Feb. 8.
Rosenberg, Hans R., Wilmington, Del., and H. F. Carroll, Camden, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Stable sterol derivatives. 2,362,932; Nov. 14.
Rosenberg, Leah S., et al. (See Mayer, Richard, assignor.)
Rosenberg, Louis T. (See Buxton, L. O., and Rosenberg.)
Rosenberg, Philip, New York, N. Y. Cabinet. 2,354,835; Aug. 1.
Rosenberg, Samuel G., Roxbury, Mass. Wood heel. 2,361,362; Oct. 24.
Rosenberg, Samuel M., et al. (See Mayer, Richard, assignor.)
Rosenberger, Albert J., Wilmette, assignor to Republic Flow Meters Company, Chicago, Ill. Pressure responsive measuring instrument. 2,354,423; July 25.
Rosenberger, William A., and W. L. Keefer, assignors to Pangborn Corporation, Hagerstown, Md. Directional control centrifugal blasting machine. 2,352,585; June 27.

Rosenblad, Curt F., assignor to Aktiebolaget Rosenblads Patenter, Stockholm, Sweden. Tube and sheet connection. 2,349,792; May 23.
Rosenblatt, Maurice C., New York, N. Y. Acoustic guard. 2,361,963; Nov. 7.
Rosenblatt, Maurice C., Philadelphia, Pa. Acoustical building element. 2,362,859; Nov. 14.
Rosenblum, Israel, New York, N. Y. Modified phenolic resin. 2,338,543; Jan. 4.
Rosencrans, Charles A., Haddonfield, N. J., assignor to Radio Corporation of America. Radio frequency wattmeter. 2,344,641; Mar. 21.
Rosendale, William R., assignor to Freeland Spool and Bobbin Corp., Hazleton, Pa. Yarn cake holder. 2,361,320; Oct. 24.
Rosenfeld, Abraham M. (See Leiboff, Samuel L., assignor.)
Rosengren, Swan N., Seattle, Wash. Cowl fastener. 2,344,832; Mar. 21.
Rosenleaf, John R., and E. D. Benham, assignors to The J. B. Ehrsam & Sons Manufacturing Company, Enterprise, Kans. Cutoff machine tripping mechanism. 2,345,072; Mar. 28.
Rosenlund, Harald T. C., New York, N. Y. Deck marker. 2,358,596; Sept. 19.
Rosenmund, Alfred L., Woodport, N. J., assignor to Stapling Machines Co. Machine for equipping box parts with fastening means. 2,338,204; Jan. 4.
Rosenmund, Karl W., Kiel, Germany; vested in the Alien Property Custodian. Production of disinfectants and pest exterminating agents. 2,341,657; Feb. 15.
Rosenstein, Aaron, New York, and H. Dolan, Brooklyn, assignors to Rosenstein Bros., New York, N. Y. Making covered threads. 2,355,471; Aug. 8.
Rosenstein, Bernard. (See Castelle, James, assignor.)
Rosenstein Bros. (See Rosenstein, A., and Dolan, assignors.)
Rosenstiel, Robert G. (See Callaway, E. C., and Rosenstiel.)
Rosenthal, Adolph H., New York, N. Y., assignor, by mesne assignments, to Scophony Corporation of America, New York, N. Y. Television transmission system. 2,355,110; Aug. 8.
Rosenthal, Charles, New York, N. Y. Knockdown closet. Re. 22,425; Jan. 25.
Rosenthal, Fritz, assignor to The University of Tennessee Research Corporation, Knoxville, Tenn. Fiberboard composition. 2,346,943; Apr. 18.
Rosenthal, Fritz, assignor to The University of Tennessee Research Corporation, Knoxville, Tenn. Phenolic molding composition. 2,354,479; July 25.
Rosenthal, Harry, Belle Harbor, N. Y. Fluorescent tube socket. 2,338,970; Jan. 11.
Rosenthal, Henry, Yonkers, N. Y. Solvent recovery from colloided material. 2,349,562; May 23.
Rosenthal, William, assignor to Maiden Form Brassiere Company, Inc., New York, N. Y. Brassière. 2,343,476; Mar. 7.
Rosenthal, William C., Chicago, Ill., assignor to International Harvester Company. Speed regulating mechanism. 2,346,332; Apr. 11.
Rosenzweig, Julius, New York, N. Y. Work guide for sewing machines. 2,347,127; Apr. 18.
Rosenzweig, Julius, New York, N. Y. Combination girdle and hernia truss. 2,349,113; May 16.
Rosenzweig, Siegfried, New York, N. Y. Shockproof isolator. 2,359,000; Sept. 26.
Rosenzweig, Siegfried, New York, N. Y. Chock device. 2,359,941; Oct. 10.
Rosenzweig, Siegfried, New York, N. Y. Shock isolator. 2,359,942; Oct. 10.
Rosenzweig, Siegfried, New York, N. Y. All-directional shock absorber. 2,365,842; Dec. 26.
Roser, Leslie W., Milwaukee, Wis. Nozzle. 2,342,757; Feb. 29.
Rosett, Arthur, et al. (See Rosett, Walter, assignor.)
Rosett, Blanche B., et al. (See Rosett, Walter, assignor.)
Rosett, Walter, Forest Hills, assignor of one-third to B. B. Rosett, New York, N. Y., and one-third to A. Rosett, New Orleans, La. Apparatus for operating therapeutic devices. 2,345,073; Mar. 28.
Rosett, Walter, Forest Hills, assignor of one-third to B. B. Rosett, New York, N. Y., and one-third to A. Rosett, New Orleans, La. Therapeutic device and constructing same. 2,361,242; Oct. 24.
Rosholt, Thorman W., assignor to Rosco Manufacturing Company, Minneapolis, Minn. Road spraying apparatus. 2,352,498; June 27.
Rosicky, Johann, Moderschan, near Prague, Bohemia and Moravia; vested in the Alien Property Custodian. Sulphanilamide addition compound. 2,352,012; June 20.
Rosin, Jacob, New York, N. Y. Producing degradation products of certain steroid compounds. 2,362,405; Nov. 7.
Rosing, Theodore F. (See Lightfoot, E. N., and Rosing.)
Rosinger, Arthur, Newark, N. J. Magnetic stirrer. 2,350,534; June 6.
Rosler, Richard E., Dresden, Germany; vested in the Alien Property Custodian. Tobacco spreader. 2,356,534; Aug. 22.
Ross, Albert W., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Motor vehicle suspension. 2,351,291; June 13.
Ross, Betsy, Stouchsburg, Pa. Preparing foods. 2,355,394; Aug. 8.
Ross, Donald W., Hyattsville, Md. Making magnesian refractories. 2,347,968; May 2.
Ross, Earl, Clayton, assignor of one-third to Russell J. Horsefield, St. Louis, Mo. Solution for stripping oxide films from aluminum and its alloys. 2,353,786; July 18.
Ross, Elliott P. (See Doe, T. B., and Ross.)
Ross, Elliott P., Forest Hills, assignor to Ford Instrument Company, Inc., Long Island City, N. Y. Gun sight. 2,339,521; Jan. 18.
Ross, Herman M., Chicago, Ill., assignor, by mesne assignments, to Illinois Iron & Bolt Company, Carpentersville, Ill. Grease separator. 2,338,971; Jan. 11.
Ross, J. O., Engineering Corporation. (See Byron, O., and Jones, assignors.)
Ross, J. O., Engineering Corporation. (See Ross, John O., assignor.)
Ross, James L. (See McKanna, R. H., and Ross.)
Ross, James W., Washington, Pa., assignor to Hazel-Atlas Glass Company, Wheeling, W. V. Glass feeder. 2,352,288; June 27.
Ross, John. (See Colgate, R. B., and Ross.)
Ross, John. (See Percy, J. H., and Ross.)
Ross, John, R. L. Brandt, and J. H. Percy, New York, N. Y., assignors to Colgate-Palmolive-Peet Company, Jersey City, N. J. Making esters. 2,345,006; Mar. 28.
Ross, John, and J. A. V. Turck, Jr., New York, N. Y., assignors to Colgate-Palmolive-Peet Company, Jersey City, N. J. Hydrogenation of fatty acid soaps. 2,363,604; Nov. 28.
Ross, John O., assignor to J. O. Ross Engineering Corporation, New York, N. Y. Moistening apparatus. 2,362,309; Nov. 7.
Ross, Michael P., Burlington, Wis. Boot sock. 2,343,477; Mar. 7.
Ross, Milburn M. (See Duffy, D. H., Wiley, and Ross.)
Ross, Norman S., Glen Ellyn, Ill., assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Apparatus for producing filled packages. 2,350,418; June 6.
Ross Operating Valve Company. (See McLeod, Roy D., assignor.)
Ross, Sheridan R., and J. F. Dare, San Francisco, Calif. Massage instrument. 2,342,557; Feb. 22.
Ross, Talbert C., Greenwood, Miss., assignor, by mesne assignments, to A. W. Hailing, Berkeley, Wm. S. Hogan, San Francisco, G. Chenu, Sacramento, E. Whitten, Palo Alto, W. Bassett, Los Angeles, and R. Greaves, Fresno, as trustees of the Conference of California I. B. of B. Unions, San Francisco, Calif. Book construction and bookbinding method. 2,348,421; May 9.
Ross, Thomas D., Dallas, Tex. Sterilizing vault. 2,348,574; May 9.
Ross, Thorvald S. (See Robbins, R. I., and Ross.)
Ross, Timothy T., Cleveland, Ohio. Fishing signal. 2,354,279; July 25.
Ross, Walter F., Detroit, Mich. Dressing grinding wheels. 2,347,283; Apr. 25.
Ross, Walter F., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Shaving tool with inserted cutting blades and making same. 2,354,144; July 18.
Ross, William B., Evanston, and K. Boldt, Highland Park, assignors to The Pure Oil Company, Chicago, Ill. Motor fuel. 2,360,585; Oct. 17.
Ross, William E. (See McAllister, S. H., Anderson, and Ross.)
Ross, William E. (See McAllister, S. H., and Ross.)
Ross, William F., et al. (See Bayston, John R., assignor.)
Ross, William P. V. (See Blackley, J. L., and Ross.)
Rossander, Swanie S. (See Murphy, A. R., Rossander, Croco, and Tinker.)
Rossander, Swanie S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo dyes. 2,357,977; Sept. 12.
Rossander, Swanie S., C. E. Sparks, and C. W. Maynard, Jr., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo dyestuff. 2,346,790; Apr. 18.
Rossander, Swanie S., C. E. Sparks, and C. W. Maynard, Jr., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilized diazo printing paste. 2,356,618; Aug. 22.
Rossander, Swanie S., C. E. Sparks, and C. W. Maynard, Jr., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilized diazo printing pastes. 2,357,226; Aug. 29.
Rossander, Swanie S., Wilmington, Del., J. W. Libby, Jr., Louisville, Ky., and H. E. Woodward, Penns Grove, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo pigments of the phthalocyanine series. 2,363,906; Nov. 28.
Rossberg, Ehrhard, Berlin-Siemensstadt, Germany; vested in the Alien Property Custodian. Connection for teleprinters. 2,349,990; May 30.
Rossell, William T., University City, Mo., F. H. Shepard, New Rochelle, N. Y., and H. J. Bader, Troy, Ohio, assignors to St. Louis Public Service Company, St. Louis, Mo. Vehicle anti-glare and ventilating device. 2,359,246; Sept. 26.
Rosser, Charles M. (See Cornwell, R. T. K., Rosser, and Yourtee.)
Rosser, Theodore N., and R. J. Aust, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Vibrator power supply system. 2,362,028; Nov. 7.

Rossheim, David B., Teaneck, N. J., assignor to The M. W. Kellogg Company, New York, N. Y. Apparatus for determining stresses in pipe arrangements. 2,348,926; May 16.
Rossi, Giovanni, Milan, Italy; vested in the Alien Property Custodian. Device for applying hair pins to curls or waves. 2,345,157; Mar. 28.
Rossi, Irving. (See Rossmann, Peter F., assignor.)
Rossi, Irving. (See Spooner, Henry W., assignor.)
Rossi, Irving, West Orange, N. J., and P. F. Rossmann, Buffalo, N. Y., said Rossmann assignor to said Rossi. Fastener. 2,356,619; Aug. 22.
Rossiter, William D., Sandusky, Ohio. Cabinet sealing means. 2,356,276; Aug. 22.
Rossman, Allen M. (See Carr, Richard H., assignor.)
Rossman, Allen M., Wilmette, Ill. Earth boring rock bit. 2,362,860; Nov. 14.
Rossman, Allen M., Wilmette, Ill. Pull rod carrier. 2,363,552; Nov. 28.
Rossman, Edwin F., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Shock absorber. 2,343,478; Mar. 7.
Rossmanith, Wolfgang, Solothurn, Switzerland; vested in the Alien Property Custodian. Automatic gun having sliding barrel. 2,344,109; Mar. 14.
Rossmann, Peter F. (See Rossi, I., and Rossmann.)
Rossmann, Peter F., Snyder, N. Y., assignor to I. Rossi, West Orange, N. J. Skin fastener. 2,339,881; Jan. 25.
Rossmann, Peter F., Buffalo, N. Y., assignor to Irving Rossi, West Orange, N. J. Rivet squeezer. 2,342,089; Feb. 15.
Rossmann, Peter F., Snyder, N. Y., assignor to I. Rossi West Orange, N. J. Fastener. 2,354,480; July 25.
Rossman, Peter F., Snyder, N. Y., assignor to I. Rossi, West Orange, N. J. Reaming device. 2,365,648; Dec. 19.
Rost, Clarence A., Missoula, Mont. Paper towel dispenser package. 2,341,119; Feb. 8.
Rost, Helge F., Djursholm, and K. J. Lindblom, Tureberg, Sweden. Device for automatically compensating effect of centrifugal forces on vehicles. 2,355,503; July 11.
Rostock, Christian L., Toledo, Ohio. Check writer. 2,346,611; Apr. 11.
Rostoker, Louis, and S. J. Evelyn, Toronto, Ontario, Canada. Intake manifold for multicylinder engines. 2,353,787; July 18.
Roswell, Charles A., Newburgh, Ind., assignor to Servel, Inc., New York, N. Y. Valve. 2,363,440; Nov. 21.
Rotary Lift Company. (See Jaseph, Lawrence F., assignor.)
Rotary Research Corporation. (See Platt, Haviland H., assignor.)
Rotary Seal Company. (See Meyer, Walter W., assignor.)
Rotary Snow Plow Company. (See Greer, Edward R., assignor.)
Rotax Limited. (See Hulbert, Ivan J., assignor.)
Rotax Limited. (See Tatlow, Percy, assignor.)
Rote, Franklin B., Ann Arbor, Mich., assignor to The International Nickel Company, Inc., New York, N. Y. Treating cast iron. 2,352,452; June 27.
Rote, Franklin B., Ann Arbor, Mich., assignor to The International Nickel Company, Inc., New York, N. Y. Metallic blasting and abrasive material. 2,362,310; Nov. 7.
Rote, Melvin A., Newark, N. J., assignor to Federal Telephone and Radio Corporation. Tower type antenna. 2,344,171; Mar. 14.
Roters, Herbert C., Mountain Lakes, N. J., assignor to Fairchild Camera and Instrument Corporation. Apparatus for suspending and releasing objects. 2,347,369; Apr. 25.
Roth, Bert W. (See Unkles, E. H., Roth, and Whitney.)
Roth, Ervin, New York, N. Y. Knife guard. 2,352,013; June 20.
Roth, Frederick J., Hucknall, England. Snowplough. 2,365,597; Dec. 19.
Roth, Herman. (See Libby, M., and Roth.)
Roth, Jay M., Euclid, and E. F. Wichorek, assignors to Pesco Products Co., Cleveland, Ohio. Tank valve assembly. 2,345,547; Mar. 28.
Roth, Jay M., Euclid, and L. G. Burns, East Cleveland, Ohio, assignors to Pesco Products Co. Hydraulic fuel system. 2,353,269; July 11.
Roth, Joseph N. (See Schurts, R. E., and Roth.)
Roth, Joseph N., Belding, assignor, by mesne assignments, to Gibson Refrigerator Company, Greenville, Mich. Absorption refrigerator. 2,339,811; Jan. 25.
Roth, Joseph N., Belding, assignor, by mesne assignments, to Gibson Refrigerator Company, Greenville, Mich. Absorption refrigerator. 2,339,813; Jan. 25.
Roth, Joseph N., Belding, assignor, by mesne assignments, to Gibson Refrigerator Company, Greenville, Mich. Continuous absorption refrigerator. 2,339,814; Jan. 25.
Roth, Joseph N., Belding, assignor, by mesne assignments, to Gibson Refrigerator Company, Greenville, Mich. Expansion control. 2,339,815; Jan. 25.
Roth, Joseph N., Belding, assignor, by mesne assignments, to Gibson Refrigerator Company, Greenville, Mich. Refrigerator. 2,339,816; Jan. 25.
Roth, Joseph N., Belding, assignor, by mesne assignments, to Gibson Refrigerator Company, Greenville, Mich. Absorption refrigerator. 2,339,817; Jan. 25.
Roth, Joseph N., Belding, assignor, by mesne assignments, to Gibson Refrigerator Company, Greenville, Mich. Refrigerator control system. 2,354,705; Aug. 1.
Roth, Joseph N., Belding, Mich., and R. E. Schurts, Kansas City, Mo., assignors, by mesne assignments, to Gibson Refrigerator Company, Greenville, Mich. Absorption refrigeration apparatus. 2,339,812; Jan. 25.
Roth, Louis, Forest Hills, N. Y. Cutting and coating cardboard or other sheet material. 2,338,261; Jan. 4.
Roth, Robert L., Valley Stream, assignor to International Business Machines Corporation, New York, N. Y. Recording machine. 2,353,083; July 4.
Roth, Robert L., Valley Stream, assignor to International Business Machines Corporation, New York, N. Y. Data reproducing machine. 2,359,680; Oct. 3.
Roth, Willard, Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Heat treating apparatus. 2,349,679; May 23.
Roth, Willard, Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Gas-carburizing furnace. 2,359,157; Sept. 26.
Rothaug, Clarence W., Buffalo, N. Y. Container sealing machine. 2,356,472; Aug. 22.
Rothberg, Pincus, et al. (See Waring, Kjell, assignor.)
Rothe, Anna M. (See Elliott, E. W., and (Rothe, assignor).)
Rothe, Ole O. (See Elliott, E. W., and Rothe.)
Rotheim, Erica, et al., heirs. (See Rotheim, Erik.)
Rotheim, Erik, deceased, by E. and H. Rotheim, Oslo, Norway, heirs; vested in the Alien Property Custodian. Liquid spraying apparatus. 2,348,851; May 16.
Rotheim, Hagbarth, et al., heirs. (See Rotheim, Erik.)
Rothenberg, Nathan, et al. (See Parnell, Walter H., assignor.)
Rothermel, Samuel W. (See Maus, Frank J.)
Rothgarn, Andrew E., Fresno, Calif. Apparatus for dry separation of heavy mineral particles from ore material. 2,343,803; Mar. 7.
Röthig, Ernst. (See Röber, C. F., and Röthig.)
Rothman, Herman J., Springfield, assignor to Universal Dental Company, Philadelphia, Pa. Artificial tooth display card. 2,363,997; Nov. 28.
Rothmann, Albert, Berlin-Charlottenburg, Germany, assignor, by mesne assignments, to Rare Chemicals, Inc., New York, N. Y. Gold compounds of the cinchona alkaloids and their derivatives and manufacturing same. 2,340,771; Feb. 1.
Rothner, Soll, Jamaica, N. Y. Shaving device. 2,341,743; Feb. 15.
Rothrock, Henry S. (See Pratt, B. C., and Rothrock.)
Rothrock, Henry S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Allyl ether of diallyl malate. 2,340,612; Apr. 11.
Rothrock, John E., Newark, assignor to Hercules Powder Company, Wilmington, Del. Explosive cartridge. 2,340,695; Feb. 1.
Rothrock, John E., Newark, assignor to Hercules Powder Company, Wilmington, Del. Sealing containers. 2,345,887; Apr. 4.
Rothschild, Henry, New York, N. Y. Picnic outfit. 2,358,883; Sept. 26.
Rothweiler, Charles O. (See Armitage, J. B., Rothweiler, and Salzer.)
Rothwell, John J. (See Lyon, LaV. D., and Rothwell.)
Rothwell, John J. (See Shaw, B. E., and Rothwell, assignors.)
Rothwell, John J., Elkhart, and W. W. Wood, Middlebury, assignors to Penn Electric Switch Co., Goshen, Ind. Power element. 2,358,032; Sept. 12.
Rotman, Sidney. (See Greenberg, Joseph, assignor.)
Roto-Cut Corporation. (See McCashen, James F., assignor.)
Rotol Airscrews Limited. (See McNab, Norman S., assignor.)
Rotol Airscrews Limited. (See Roberts, William H., assignor.)
Rotor Tool Company, The. (See Emery, William M., assignor.)
Rotsler, George F., Los Angeles, Calif. Amalgamator. 2,347,284; Apr. 25.
Rott, André, Berchem-Antwerp, Belgium; vested in the Alien Property Custodian. Photomechanical printing process and printing material for carrying out the same. 2,352,014; June 20.
Rotter, Lutwin C., Maplewood, and V. G. Klein, assignors to Lincoln Engineering Company, St. Louis, Mo. Pump. 2,348,151; May 2.
Rotter, Lutwin C., Maplewood, and V. G. Klein and R. F. Schneller, assignors to Lincoln Engineering Company, St. Louis, Mo. Pump. 2,361,125; Oct. 24.
Rottschaefer, Bernard W. (See von Glahn, W. H., and Rottschaefer.)
Rouan, Francis J. (See Thatcher, L. A., and Rouan.)
Rouan, Francis J. (See Wheeler, W. H., Jr., Thatcher, and Rouan.)
Rouan, Francis J., Stamford, and B. Knauer, East Norwalk, assignors to Pitney-Bowes Postage Meter Co., Stamford, Conn. Locking device. 2,356,699; Aug. 22.
Rousault, Charles L., Schenectady, assignor to General Electric Company. Transmission line spacer. 2,355,111; Aug. 8.

Roubal, Alexander J., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Gyratory crusher. 2,342,371; Feb. 22.
Roud, Gust. (See Miller, F. R., and Roud.)
Rouleau, Armini, Granby, Quebec, Canada. Corner construction for bed springs. 2,353,788; July 18.
Roundburg, Eric A., Jamaica, N. Y., assignor to American Telephone and Telegraph Company. Alarm circuit. 2,347,507; Apr. 25.
Rounds, Harold S. (See Hartsock, G. M., and Rounds.)
Rountree, John H. (See Young, L. W., James, and Rountree.)
Rouprich, James W., San Francisco, Calif. Automatic electric self-posting timer. 2,351,707; June 20.
Rourke, Robert U., Dudley, assignor to Waterhouse Company, Webster, Mass. Pressure gauge. 2,347,341; Apr. 25.
Rous, Ren, Brooklyn, assignor to Federal Carton Corporation, New York, N. Y. Container. 2,348,310; May 9.
Rouse, Lillian M., assignor to Cohn-Hall-Marx Co., New York, N. Y. Garment. 2,360,018; Oct. 10.
Rouse, Warren E., Birmingham, and J. Robinson, and J. D. Dietiker, assignors to Vickers Incorporated, Detroit, Mich. Power transmission. 2,342,224; Feb. 22.
Rousseau, Raymon E. (See Strauss, L. J., and Rousseau.)
Rousso, Jacques, Chicago, Ill. Towel cabinet. 2,363,149; Nov. 21.
Routh, Almond C., Sandusky, Ohio. Method and apparatus for making flavored confections. 2,344,901; Mar. 21.
Routh, Clinton A., and R. W. and O. O. Summer, Vero Beach, Fla. Solar water heater. 2,358,476; Sept. 19.
Routh, Robert W. (See Routh, Clinton A and R. W., and Summer.)
Routledge, Percy H., Mission, British Columbia, Canada. Forced draft device for steam boilers. 2,342,971; Feb. 29.
Rouy, Auguste L. M. A., New York, N. Y., assignor to The Gyro-Balance Corporation, Greenwich, Conn. Lubricant testing method and apparatus. 2,349,563; May 23.
Rover Company Limited, The. (See Scott-Iversen, Poul A., assignor.)
Röver, Martin, Jessnitz, Anhalt, Germany; vested in the Alien Property Custodian. Liquid level gauge. 2,342,696; Feb. 29.
Rovick, Max I., Chicago, Ill. Luggage carrier. 2,341,479; Feb. 8.
Rovick, Max I., Chicago, Ill. Sole for shoes. 2,359,681; Oct. 3.
Row, Harry M., Rosedale, La. Manufacture of direct consumption sugar. 2,360,586; Oct. 17.
Rowan, Peyton, Anniston, Ala. Fountain shaving brush. 2,358,252; Sept. 12.
Rowe, Alvin V., assignor to Rowe Manufacturing Company, Galesburg, Ill. Overhead door construction. 2,338,205; Jan. 4.
Rowe, Andrew R. (See Carter, J. W., and Rowe.)
Rowe, Andrew R., McKeesport, assignor to Harbison-Walker Refractories Company, Pittsburgh, Pa. Ingot casting. 2,362,096; Nov. 7.
Rowe, Andrew R., McKeesport, assignor to Harbison-Walker Refractories Company, Pittsburgh, Pa. Ingot casting. 2,362,097; Nov. 7.
Rowe, Irving R., Westerly, R. I., assignor to Davis & Furber Machine Company, North Andover, Mass. Compressor roll for textile machines. 2,352,289; June 27.
Rowe, Lewis T. (See Houser, J. E., Hancock, and Rowe.)
Rowe Manufacturing Co. (See Gabrielsen, Christian, assignor.)
Rowe Manufacturing Company. (See Rowe, Alvin V., assignor.)
Rowe, Raymond N., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Front operated switch. Re. 22,559; Oct. 24.
Rowe, Raymond N., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Power distribution system. 2,359,247; Sept. 26.
Rowe, William W., Cincinnati, Ohio, assignor to Cincinnati Industries, Inc. Resin molding. 2,343,930; Mar. 14.
Rowell, Joseph W., assignor of one-fourth to E. S. Leonardson, and one-fourth to D. Leonardson, Los Angeles, Calif. Mechanical scanning device for television and remote control. 2,343,931; Mar. 14.
Rowland, Ben W., and D. Fronmuller, Appleton, Wis., assignors to The Institute of Paper Chemistry. Preparing sheet rubber. 2,347,370; Apr. 25.
Rowland, Ben W., D. Fronmuller, and J. A. Van den Akker, Appleton, Wis., assignors to The Institute of Paper Chemistry. Determining the receptivity of sheet materials to coatings, inks, and the like. 2,353,852; July 18.
Rowland, Davidge H., and C. D. Croskey, assignors to Locke Insulator Corporation, Baltimore, Md. Insulator. 2,357,550; Sept. 5.
Rowlandson, Eric S., Rock Ferry, England. Liquid fuel burner. 2,344,218; Mar. 14.
Rowley, Arthur A., Hamden, assignor to Western Cartridge Company, New Haven, Conn. Extractor-and-ejector assembly for firearms. 2,350,477; June 6.
Rowley, Arthur C., Drexel Hill, assignor to Globe Automatic Sprinkler Company, Philadelphia, Pa. Fusible link construction for sprinkler heads. 2,348,152; May 2.
Rowley, Arthur C., Drexel Hill, assignor to Globe Automatic Sprinkler Company, Philadelphia, Pa. Atomizing spreader for sprinkler heads. 2,357,227; Aug. 29.
Rowley, Robert D., Narrows, Va., assignor to Celanese Corporation of America. Esters of cellulose. 2,361,500; Oct. 31.
Roxalin Flexible Finishes, Inc. (See Grossman, Darwin B., assignor.)
Roxs, Frank L., and A. Macdonald, Evanston, Ill.; said Macdonald assignor to said Roxs. Slip-on lock device. 2,355,679; Aug. 15.
Roy, Albert O. (See Haggerty, E., Roy, and Hargreaves.)
Roy, Kurt H., Los Angeles, B. Burns, Santa Monica, G. M. Larson, Los Angeles, and H. B. Lewis, Venice, assignors to J. Burns, Santa Monica, Calif., as trustee. Apparatus for aerating liquids. 2,342,972; Feb. 29.
Royal Bank of Scotland of St. Andrew Square, Edinburgh, executor. (See Hulitt, Lionel H., assignor.)
Royal Crown Bottling Company of Newark, Inc. (See Stone, George F., assignor.)
Royal, Robert R., and F. F. Hayes, Paducah, Ky., R. E. Berggren, Chicago, Ill., and J. R. Temple, Paducah, Ky. Grappling hook. 2,364,316; Dec. 5.
Royal Typewriter Company. (See Handley, George F., assignor.)
Royce, Harvey D., Savannah, Ga., assignor to The Southern Cotton Oil Company, New Orleans, La. Treating soybean oil. 2,349,381; May 23.
Royden, George T., South Orange, assignor to Federal Telephone and Radio Corporation, Newark, N. J. Quartz crystal oscillator. 2,342,169; Feb. 22.
Roye, Richard T., Houston, Tex. Guide bushing for drills. 2,363,085; Nov. 21.
Royer, Stanley H. (See Bucknam, J. H., Miller, and Royer.)
Royer, William R., Wilkes-Barre, Pa. Tire chain connector. 2,363,998; Nov. 28.
Roys, Henry E., Indianapolis, Ind., assignor to Radio Corporation of America. Phonographic apparatus. 2,359,585; Oct. 3.
Royse, Edwin H. (See Weisz, W. M., and Royse.)
Rozenbroek, Meindert D., Delden, Netherlands; vested in the Alien Property Custodian. Preparing starch products. 2,338,457; Jan. 4.
Ruau, Félix F. (See Molins, D. W., and Ruau.)
Ruau, Félix F. (See Molins, D. W., Ruau, and Bingham.)
Ruau, Félix F. (See Molins, D. W., Ruau, and Chown.)
Ruau, Félix Frédéric, Deptford, London, England. Gauging or sorting machine. 2,353,085; July 4.
Ruau, Félix Frédéric, assignor to Molins Machine Company, Limited, Deptford, London, England. Continuous rod type cigarette making machine. 2,353,084; July 4.
Ruau, Félix F., and H. W. Baldwin, assignors to Molins Machine Company Limited, Deptford, London, England. Cigarette-making machine. 2,362,225; Nov. 7.
Rubatex Products, Inc. (See Pfleumer, Hans, assignor.)
Rubbel, Harry W., assignor to The Foote-Burt Company, Cleveland, Ohio. Turret indexing mechanism. 2,348,363; May 9.
Rubber & Plastics Compaund Company. (See Treves, Angiolo, assignor.)
Rubel, Charles F., assignor to Union Special Machine Company, Chicago, Ill. Rotary hook for lock-stitch sewing machines. 2,344,110; Mar. 14.
Rubel, Charles F., assignor to Union Special Machine Company, Chicago, Ill. Sewing machine. 2,363,807; Nov. 28.
Rubel, Walter L., West Roxbury, Mass., and F. M. Kratoville, assignors to J. B. Kearney Corporation, St. Louis, Mo. Electrical connector. 2,339,354; Jan. 18.
Ruben, Samuel, New Rochelle, N. Y. Electrode element for dry disk rectifiers. 2,348,311; May 9.
Ruben, Samuel, New Rochelle, N. Y. Electrical resistor device. 2,355,680; Aug. 15.
Ruben, Samuel, New Rochelle, N. Y. Electrostatic condenser and dielectric therefor. 2,360,367; Oct. 17.
Ruben, Zorro D., Chicago, Ill. Mechanism for the interconversion of reciprocating and rotary motion. 2,364,099; Dec. 5.
Rubens, Joseph G., assignor to Joe Lowe Corporation, New York, N. Y. Chocolate manufacture. 2,356,181; Aug. 22.
Rubens, Maurice M., assignor to Spokane Stove and Furnace Repair Works, Inc., Spokane, Wash. Hand wheel. 2,365,359; Dec. 19.
Rubenstein, Jacob H., Syracuse, N. Y. Electromagnetic alarm device. 2,355,395; Aug. 8.
Ruberoid Co., The. (See Avery, Steven B., assignor.)
Ruberoid Co., The. (See Papesh, Michael W., assignor.)
Ruberoid Co., The. (See Ritter, George, assignor.)
Rubidge, David W., Chatham, N. J., and E. J. Rabenda, Binghamton, assignors to International Business Machines Corporation, New York, N. Y. Accumulating means. 2,340,772; Feb. 1.
Rubin, Herbert, New York, N. Y. Bottle closure. 2,365,598; Dec. 19.
Rubin, Jacob K. (See Loverch, C. L., and Rubin.)
Rubin, Louis C. (See Solomon, E., Passino, and Rubin.)

Rubin, Louis C., West Caldwell, assignor to The M. W. Kellogg Company, Jersey City, N. J. Catalytically converting hydrocarbon oils. 2,357,136; Aug. 29.

Rubin, Louis C., West Caldwell, assignor to The Polymerization Process Corporation, Jersey City, N. J. Polymerization of olefins and catalyst therefor. 2,342,311; Nov. 7.

Rubin, Martin. (See Elderfield, R. C., and Rubin.)

Rubin, Noah, New York, N. Y. Pendant pin structure. 2,337,782; Sept. 5.

Rubinstein, Helena, Inc. (See Freeman, Nathaniel H., assignor.)

Rubissow, George A. (See Koulichkov, Serge N., assignor.)

Rubissow, George A. (See Pookhir, G., and Rubissow.)

Rubissow, George A. (See Skaredoff, Nikolai N., assignor.)

Rubissow, George A., New York, N. Y. Part bearing. 2,342,302; Feb. 22.

Rubissow, George A., New York, N. Y. Centrifuge. 2,351,708; June 20.

Rubissow, George A., New York, N. Y. Direction aiming device for automobiles, ships, and other moving vehicles. 2,360,368; Oct. 17.

Rubissow, George A., New York, N. Y. Automatic system for controlling the direction of moving bodies. 2,363,363; Nov. 21.

Rubly, Harry C., Millburn, and C. H. Young, Linecin Park, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Cushion mounting. 2,347,966; May 2.

Rubsam, Charles F., Tenafly, N. J. Counterbalancing means for automobile wheels. 2,359,248; Sept. 26.

Ruckert, Carl A. (See Staples, D. R., and Ruckert.)

Ruckman, Albert J., Mayville, N. Y. Kiln. 2,360,722; Oct. 17.

Rucksmhl, Alfred, Dearborn, assignor to Holcroft & Company, Detroit, Mich. Work supporting tray for heat treating furnaces. 2,338,784; Jan. 11.

Ruckwardt, Kurt F., Anaconda, Mont., assignor to Anaconda Copper Mining Company. Froth flotation. 2,349,637; May 23.

Ruda, Gustaf W., and S. H. B. Zachariassen, Stockholm, Sweden, assignors to The De Laval Separator Company, New York, N. Y. Device for feeding liquids to centrifugal separators. 2,360,281; Oct. 10.

Rudaitis, William L., Royal Oak, Mich. Inserted blade milling cutter. 2,343,709; Mar. 7.

Rudd, Matthew S., Elizabeth City, N. C. Hedge trimmer. 2,347,579; Apr. 25.

Rudd, Wallace C., Yonkers, assignor to Induction Heating Corp., New York, N. Y. Extrusion molding apparatus. 2,353,362; July 11.

Rudd, Wallace C., Yonkers, and F. Kohler, assignors to Induction Heating Corp., New York, N. Y. Apparatus for generating high frequency current. 2,341,120; Feb. 1.

Rudd, Wallace C., Yonkers, and N. Levin, Brooklyn, assignors to Induction Heating Corp., New York, N. Y. Adjustable work coil construction for induction heating. 2,348,361; May 9.

Ruddock, William, South Pasadena, Calif. Truck loader. 2,350,641; June 6.

Ruddock, William, South Pasadena, assignor to M. P. McCaffrey, Los Angeles, Calif. Material handling apparatus. 2,362,406; Nov. 7.

Ruddock, William, South Pasadena, assignor to M. P. McCaffrey, Los Angeles, Calif. Excavating apparatus. 2,362,407; Nov. 7.

Rude, John F., assignor to Blount Plow Works, Evansville, Ind. Tractor-drawn liftable planter. 2,363,749; Nov. 28.

Rude, Robert L., assignor to The British American Oil Company, Ltd., Toronto, Ontario, Canada. Processing of flowing fluids. 2,347,371; Apr. 25.

Ruden, Arthur C., Euclid, assignor to The Mid-West Forge Company, Cleveland, Ohio. Method of and apparatus for die rolling. 2,363,553; Nov. 28.

Ruder, Edward H., Ferguson, Mo., assignor to Curtiss-Wright Corporation. Punch press die. 2,359,682; Oct. 3.

Ruderman, I. (See Macartney, J. H., and Stark, assignors.)

Rüdiger, Ernst, Berlin, Germany; vested in the Alien Property Custodian. Locking device for threaded pipe joints. 2,340,565; Feb. 1.

Rudnick, Benjamin, Huntington, assignor to Republic Aviation Corporation, Farmingdale, N. Y. Photomechanical negative. Re. 22,421; Jan. 18.

Rudolf, Henry J. G., Brookline, assignor to Applied Mechanics Co., Cambridge, Mass. Liquid level gauge. 2,348,362; May 9.

Rudolph, Barker. (See Ball, A. J., Hoge, and Rudolph.)

Rudolph, Karl, Dresden, Germany; vested in the Alien Property Custodian. Making hollow glass bodies. 2,347,814; Apr. 25.

Rudolph Wurlitzer Company, The. (See Erikson, John, assignor.)

Rudolph Wurlitzer Company, The. (See Hull, Charles J., assignor.)

Rudolph Wurlitzer Company, The. (See Miller, John A., assignor.)

Rudolph Wurlitzer Company, The. (See Schmidt, F. M., and Smith, assignors.)

Rudy Furnace Company. (See Torr, Thomas W., assignor.)

Rueb, Earl J., and J. E. Trulson, Kansas City, Mo. Battery charger. 2,354,065; July 18.

Ruen, Andrew A., and D. A. Ruen, Highland Park, Mich. Garment hanger. 2,344,172; Mar. 14.

Ruen, David A. (See Ruen, A. A., and D. A.)

Ruestow, Edward A. (See Church, J. H., and Ruestow.)

Ruf, Herman P., New York, N. Y. Unwinding machine. 2,364,476; Dec. 5.

Ruge, Arthur C., Cambridge, Mass. Strain gauge. 2,340,146; Jan. 25.

Ruge, Arthur C., Cambridge, Mass. Switch. 2,344,173; Mar. 14.

Ruge, Arthur C., Cambridge, Mass. Temperature compensated strain gauge. 2,344,642; Mar. 21.

Ruge, Arthur C., Cambridge, Mass. Strain gauge. 2,350,972; June 6.

Rugeley, Edward W., Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Filter medium. 2,355,822; Aug. 15.

Rugeley, Edward W., and W. M. Quattlebaum, Jr., Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation. Spinning composition and textile fiber made therefrom. 2,344,002; Mar. 14.

Rugeley, Edward W., and T. A. Feild, Jr., Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation. Dyeing vinyl copolymer fibers. 2,347,508; Apr. 25.

Rugeley, Edward W., T. A. Feild, Jr., and J. F. Conlon, Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation. Forming synthetic fibers. 2,353,270; July 11.

Rugg, Harold H., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Switching apparatus. 2,363,364; Nov. 21.

Ruggieri, Michael, Stroudsburg, Pa., assignor to Line Material Company, South Milwaukee, Wis. Snubbing clamp for cables. 2,338,822; Jan. 11.

Rugheimer, John P., Charleston, S. C. Switch control for drill presses. 2,357,690; Sept. 5.

Ruigh, William, Princeton, assignor to Merck & Co., Inc., Rahway, N. J. Making heterocyclic nitrogen-containing compounds. 2,351,069; June 13.

Rulon, Joseph K., South River, N. J., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Photographic package. 2,354,706; Aug. 1.

Rumbaugh, Hugh M., Cincinnati, Ohio. Guiding and feeding device for roners. 2,338,601; Jan. 4.

Rumberger, George G. (See Abrams, A., Davis, Forcey, Rumberger, and Wagner.)

Rumberger, George C. (See Abrams, A., Forcey, Graebner, Heald, and Rumberger.)

Rumenapp, Harold E. (See Nordberg, M. E., and Rumenapp.)

Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Partial glycerine ester of polymerized rosin and making the same. 2,339,428; Jan. 18.

Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Stabilization of terpene products. 2,339,429; Jan. 18.

Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Terpene derivatives. 2,339,818; Jan. 25.

Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Purification of polymerized rosins and rosin esters. 2,340,696; Feb. 1.

Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Terpene derivative. 2,340,901; Feb. 8.

Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Terpene derivative. 2,341,294; Feb. 8.

Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Polymerization of acyclic terpenes. 2,341,948; Feb. 15.

Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Terpene derivative. 2,344,833; Mar. 21.

Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Size for textile fabrics. 2,346,791; Apr. 18.

Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Polycarboxylic acids and anhydrides derived from polymers of acyclic terpenes and their production. 2,347,970; May 2.

Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Terpene derivatives. 2,348,575; May 9.

Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Terpene resin. 2,351,786; June 20.

Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Terpene derivative. 2,354,774; Aug. 1.

Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Terpene resin. 2,354,775; Aug. 1.

Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Terpene resin. 2,354,776; Aug. 1.

Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Cellulose derivative lacquer and sheeting coated therewith. 2,350,874; Oct. 10.

Rumpel, Carl H., Jackson Heights, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Amplifying system. 2,342,822; Feb. 29.

Rumsey, Herbert, Jr., Nutley, N. J. Wrapping machine. 2,346,613; Apr. 11.

Runals, William T., assignor to Firestone Tire & Rubber Company, Akron, Ohio. Drying apparatus. 2,339,557; Jan. 18.

Runcie, Walter O., Lima, Peru, assignor of twenty-five per cent to H. L. Price, Alexandria, Va. Film magazine. 2,348,153; May 2.

Runcie, Walter O., Lima, Peru, assignor of twenty-five per cent to H. L. Price, Alexandria, Va. Lens capping mechanism. 2,354,145; July 18.

Runco, Joseph C. (See Nelson, D. G., and Runco.)

Rundell, Rupert E. (See Patterson, M., and Rundell.)

Rundell, Rupert E., Rockville Centre, N. Y., assignor to American Machine & Foundry Company. Respotter mechanism. 2,353,189; July 11.

Rundell, Rupert E., Rockville Centre, N. Y., assignor to International Cigar Machinery Company. Leaf entering and centering mechanism for tobacco strippers. 2,362,096; Nov. 7.

Rundell, Theodore W., Abington, assignor to Philco Corporation, Philadelphia, Pa. Refrigerator. 2,352,345; June 27.

Runge, Richard M., assignor to The Miller Company, Meriden, Conn. Closure. 2,344,327; Mar. 14.

Runke, Glenn R., Racine, assignor to Line Material Company, South Milwaukee, Wis. Switch construction. 2,357,770; Sept. 5.

Runke, Glenn R., Racine, assignor to Line Material Company, South Milwaukee, Wis. Switch construction. 2,362,312; Nov. 7.

Runnels, Garland D., Seattle, Wash. Cosmetic powder container and dispenser. 2,365,908; Dec. 26.

Runsvold, Martin S., and H. G. Sloane, San Diego, Calif. Dispensing and vending machine. 2,348,927; May 16.

Runton, Leslie A., Dracut, assignor to M. T. Stevens & Sons Co., North Andover, Mass. Marking machine. 2,356,951; Aug. 29.

Runyan, Charles, Great Meadows, N. J. Steering mechanism for trailers. 2,342,697; Feb. 29.

Rupert, John, Coos County, Oreg. Tandem two-cycle internal-combustion engine. 2,358,660; Sept. 19.

Ruperti, Andreas. (See Landolt, A., and Ruperti.)

Rupin, Carl V., Topeka, Kans. Method of and apparatus for slicing meat. 2,349,465; May 23.

Rupp, Albert, Berlin-Sudende, Germany; vested in the Alien Property Custodian. Screw propeller. 2,353,190; July 11.

Rupp, Edward F., Cleveland, Ohio. Float. 2,355,396; Aug. 8.

Rupp, Eldor G. (See Peters, F. N., and Rupp.)

Rupp, George F., Upper Darby, Pa. Hydraulic power transmission. 2,356,604; Aug. 15.

Rupp, Oscar J., assignor to Schriber Sheet Metal and Roofers, Inc., Dayton, Ohio. Dust collector. 2,360,981; Oct. 24.

Rupp, Walter H., Mountainside, and F. C. Hanker, Jr., Maplewood, N. J., assignors to Standard Oil Development Company. Treatment of hydrocarbon oils. 2,341,389; Feb. 8.

Rupp, Walter H., Mountainside, and C. T. Harding, Hillside, N. J., assignors to Standard Oil Development Company. Treating hydrocarbon fluids. 2,356,700; Aug. 22.

Ruppel, Harry W., assignor to The Foote-Burt Company, Cleveland, Ohio. Turret actuating mechanism. 2,348,364; May 9.

Ruppel, Harry W., assignor to The Foote-Burt Company, Cleveland, Ohio. Spindle drive. 2,357,427; Sept. 5.

Ruppel, Harry W., assignor to The Foote-Burt Company, Cleveland, Ohio. Automatic screw machine. 2,357,428; Sept. 5.

Ruppik, Herbert, Dusseldorf, Germany; vested in The Alien Property Custodian. Continuous casting. 2,363,695; Nov. 28.

Ruprecht, Louis. (See Sheldon, William M., assignor.)

Rusch, Hugo L., Highland Park, Ill. Apparatus for recording the broadcast station to which a radio receiver is tuned. 2,354,836; Aug. 1.

Rush, Augustus T., Orange, assignor to Newark Paper Box Company, Newark, N. J. Cardboard box. 2,346,792; Apr. 18.

Rush, Ben J. (See Riche, A. L., and Rush.)

Rush, Clarence G. (See Winter, W. A., Rush, and Thiessen.)

Rush, William W., and G. J. Maloney, Inkster, Mich. Butter cutter. 2,362,722; Nov. 14.

Rushing, Frank C., Pittsburgh, Pa., and M. P. Vore, Catonsville, Md., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Vibration-measuring apparatus. 2,359,158; Sept. 26.

Rushing, Fred L. (See Williams, B. M., and Rushing.)

Rushmer, John E., Amarillo, Tex. Piston valve assembly. 2,352,410; June 27.

Rushmer, John E., Amarillo, Tex. Stabilizing material introducing device. 2,357,769; Sept. 5.

Ruska, Ernst. (See von Borries, B., and Ruska.)

Ruska, Ernst. (See von Borries, B., Müller, and Ruska.)

Ruska, Ernst, Berlin-Spandau, Germany; vested in the Alien Property Custodian. Electronic lens. 2,356,535; Aug. 22.

Ruskin, Henry, assignor to Metal Specialties Manufacturing Co., Chicago, Ill. Staple magazine and feed means for stapling machines. 2,343,932; Mar. 14.

Russel, Philip S., assignor to Detroit Lubricator Company, Detroit, Mich. Controlling means. 2,351,878; June 20.

Russel, Philip S., assignor to Detroit Lubricator Company, Detroit, Mich. Control system. 2,363,696; Nov. 28.

Russell, Alfred R., Grosse Pointe, Mich., assignor to The Burkhardt Company. Fluorescent glow sheet and manufacturing the same. 2,340,227; Jan. 25.

Russell, Alfred R., Grosse Pointe, Mich., assignor to The Burkhardt Company. Fluorescent glow sheet and manufacturing the same. 2,347,285; Apr. 25.

Russell, Andrew C., Shawnee, assignor of one-half to J. L. Green, Shawnee, Pottawatomie County, Okla. Carburetor. 2,366,056; Dec. 26.

Russell, Charles E., assignor to W. B. Earnshaw, Dayton, Ohio. Shot spreading device. 2,340,821; Feb. 1.

Russell, David A., and S. C. Kyle, Youngstown, Ohio. Treating ferrous metal articles. 2,357,269; Aug. 29.

Russell, Edward E., assignor to Twentieth Century-Fox Film Corporation, Los Angeles, Calif. Film splicer. 2,346,874; Apr. 18.

Russell, Francis R., Elizabeth, N. J., assignor to Standard Oil Development Company. Coking hydrocarbon oil. 2,366,057; Dec. 26.

Russell, George D., Yaleta, Tex. Firearm sight. 2,339,723; Jan. 18.

Russell, George W., Jr., assignor to American Instrument Company, Silver Spring, Md. Method and apparatus for refrigeration. 2,359,796; Oct. 10.

Russell, Harlow M. (See Sidebotham, Melvin H., assignor.)

Russell, John D., Cranberry Township, Venango County, Pa., assignor to Joy Manufacturing Company. Shuttle car. 2,356,434; Aug. 22.

Russell, John D., Sugarcreek Township, Venango County, Pa., assignor to Joy Manufacturing Company. Loading machine. 2,360,282; Oct. 10.

Russell, John D., Cranberry Township, Venango County, and H. Thies, Franklin, Pa., assignors to Joy Manufacturing Company. Material handling apparatus. 2,341,815; Feb. 15.

Russell, John K., assignor to Luber-Finer, Inc., Los Angeles, Calif. Filter shell. 2,354,481; July 25.

Russell, Linus E. (See Peters, G. E., and Russell.)

Russell Manufacturing Company, The. (See Brownlow, David B., assignor.)

Russell Manufacturing Company, The. (See Hendley, James A., assignor.)

Russell, Nevin J. (See Johnston, E. C., Russell, and Jameson.)

Russell, Phillip W., assignor to John M. Powers, Cleveland Heights, Ohio. Lighting and extinguishing means for candles. 2,346,455; Apr. 11.

Russell, Ralph. (See Prather, A. P., and Russell.)

Russell, Richard D., Toronto, Ontario, Canada. Glider. 2,343,710; Mar. 7.

Russell, Robert M., Woodhaven, N. Y. Patient and bedding remover. 2,365,111; Dec. 12.

Russell, Roland L., Cincinnati, Ohio. Engine speed control. 2,358,597; Sept. 19.

Russell, Stanley D., assignor to J. I. Case Company, Racine, Wis. Baler. 2,362,861; Nov. 14.

Russell, Theodore. (See Roberts, R. R., Russell, and Hodge.)

Russell, Theodore, Naugatuck, Conn. Double cord fastener. 2,349,114; May 16.

Russell, Victor J. S. and E. B. Moss, Cricklewood, assignors to S. Smith & Sons (Motor Accessories) Limited, London, England. Electrically wound clock. 2,340,697; Feb. 1.

Russell, William C., assignor to Macwhyte Company, Kenosha, Wis. Thimble. 2,354,280; July 25.

Russell, William F., Norwalk, Conn., assignor to R. T. Vanderbilt Company, Incorporated, New York, N. Y. Production of ditliocarbamates. 2,347,128; Apr. 18.

Russell, William J., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Heater unit construction. 2,361,874; Oct. 31.

Rust, John B. (See Hessel, F. A., and Rust.)

Rust, John B., Verona, N. J., assignor to Montclair Research Corporation. Water-soluble resinous products and process of making. 2,366,129; Dec. 26.

Rust, John D., Memphis, Tenn. Cotton cleaner. 2,339,295; Jan. 18.

Rust, Schuyler H., et al. (See Blaes, Edward G., assignor.)

Rust, William M., Jr., and M. A. Arthur, Houston, Tex., assignors to Standard Oil Development Company. Grating spectrograph. 2,351,457; June 13.

Rusteberg, August A., Chicago, Ill. Watercraft. 2,343,711; Mar. 7.

Rustless Iron and Steel Corporation. (See Keene, Walter L., assignor.)

Rustless Iron and Steel Corporation. (See Lynn, John N., assignor.)

Rutemiller, Oren G. (See King, G. E., and Rutemiller.)

Rutenber, Edwin A., assignor to Gibson Electric Refrigerator Corporation, Greenville, Mich. Cooking range. 2,339,197; Jan. 11.

Rutenber, Edwin A., assignor, by mesne assignments, to Gibson Refrigerator Company, Greenville, Mich. Electric range. 2,346,237; Apr. 11.

Ruth, Arthur P., Houston, Tex. Automatic air volume control. 2,362,586; Nov. 14.

Ruth, Joseph P. (See Schoder, W. P., and Ruth.)

Rutherford, John T. (See Miller, R. J., and Rutherford.)

Rutherford, John T., Berkeley, assignor to Standard Oil Company of California, San Francisco, Calif. Cobalt activatives. 2,360,283; Oct. 10.

Rutherford, Peter B. (See Calhoun, G. M., and Rutherford.)

Rutherford, Robert E., Rutherford, and R. L. Campbell Maywood, assignors to Allen B. du Mont Laboratories, Inc., Passaic, N. J. Television signal control circuit. 2,346,509; Apr. 11.

Rutherford Trust Company, administrator. (See Hollstein, Paul.)

Ruthman, Edward J., Cincinnati, Ohio. Motor. 2,355,472; Aug. 8.

Ruthruff, Robert F., Chicago, Ill. Catalytic cracking. 2,340,698; Feb. 1.

Ruthruff, Robert F., Chicago, Ill. Manufacture of diolefines. 2,343,712; Mar. 7.

Ruthruff, Robert F., Chicago, Ill. Manufacture of alkali metal silicates. 2,352,738; July 4.

Ruthruff, Robert F., Chicago, Ill., assignor to Process Management Company, Inc., New York, N. Y. Hydrocarbon conversion. 2,357,691; Sept. 5.

Ruthruff, Robert F., Nutley, N. J. Treating hydrocarbon fuels. 2,353,624; July 11.

Ruthruff, Robert F., Nutley, N. J., assignor to The M. W. Kellogg Company, New York, N. Y. Aromatizing hydrocarbons. 2,356,701; Aug. 22.

Ruthruff, Robert F., and D. F. Wilcox, Chicago, Ill., assignors to The Sherwin-Williams Company, Cleveland, Ohio. Extraction of drying oil. 2,355,606; Aug. 15.

Ruths, Robert J., Baltimore, Md. Diesel engine. 2,343,329; Mar. 7.

Ruthven, Alfred L., assignor to L. R. Ruthven, Binghamton, N. Y. Parachute toy. 2,364,821; Dec. 12.

Ruthven, Louis R. (See Ruthven, Alfred L., assignor.)

Ruthven, William, Oak Park, Ill., assignor to Allied Control Company, Inc., New York, N. Y. Self-locking nut. 2,346,456; Apr. 11.

Rutishauser, Georg, Triboltingen, Switzerland. Manufacture of strongly curled, woollike twisted yarns of endless threads. 2,356,887; Aug. 29.

Rutland, Sam J. (See Van Biarcon, H. R., and Rutland.)

Rutley, Lynden, et al. (See Vladu, John, assignor.)

Rutten, Walter, Plainfield, Ill. Apparatus for edging and forming. 2,339,355; Jan. 18.

Rutter, Alvah E., Rockford, Ill., assignor to J. I. Case Company, Racine, Wis. Disk plow. 2,351,369; June 13.

Ruys, Jan D., Pittsburg, and L. Goldstein, Concord, assignors to Shell Development Company, San Francisco, Calif. Manufacture of acetylene. 2,349,007; May 16.

Ruzicka, Leopold, Zurich, Switzerland, assignor to Ciba Pharmaceutical Products Inc., Summit, N. J. Lactones of the saturated and unsaturated cyclopentanopolyhydrophenanthrene series and preparing same 2,361,966; Nov. 7.

Ruzicka, Leopold, Zurich, Switzerland, assignor to Ciba Pharmaceutical Products, Incorporated, Summit, N. J. Preparing lactones of the saturated and unsaturated cyclopentanopolyhydrophenanthrene series. 2,361,967; Nov. 7.

Ruzicka, Leopold, Zurich, Switzerland, assignor to Ciba Pharmaceutical Products, Inc., Summit, N. J. Lactones and making same. 2,361,968; Nov. 7.

Ruzicka, Leopold, Zurich, Switzerland, assignor to Ciba Pharmaceutical Products, Inc., Summit, N. J. Lactones of the cyclopentano-poly-hydro-phenanthrene series and making same. 2,362,408; Nov. 7.

Ruzicka, Leopold, Zurich, Switzerland, assignor to Ciba Pharmaceutical Products, Inc. Lactones of the cyclopentanopolyhydrophenanthrene series and making same. 2,362,439; Nov. 7.

Ruzicka, Leopold, Zurich, Switzerland, assignor, by mesne assignments, to Ciba Pharmaceutical Products, Incorporated, Summit, N. J. Saturated and unsaturated 17-oxy-17-acyl-androstanones and derivatives thereof and process of making same. 2,365,292; Dec. 19.

Ruzicka, Leopold, and M. W. Goldberg, Zurich, Switzerland, assignors to Ciba Pharmaceutical Products, Incorporated, Summit, N. J. Tetracyclic ketones. 2,351,637; June 20.

Ruzicka, Leopold, Zurich, and T. Reichstein, Basel, Switzerland, assignors, by mesne assignments, to Ciba Pharmaceutical Products, Incorporated, Summit, N. J. Lactones of the saturated and unsaturated cyclopentanopolyhydrophenanthrene series and preparing same. 2,361,964; Nov. 7.

Ruzicka, Leopold, Zurich, and T. Reichstein, Basel, Switzerland, assignors to Ciba Pharmaceutical Products, Incorporated, Summit, N. J. Lactones of the saturated and unsaturated cyclopentanopolyhydrophenanthrene series and preparing the same. 2,361,965; Nov. 7.

Ruzicka, Roger R. (See Kemper, H. C., and Ruzicka.)

Ryan Aeronautical Co., The. (See Barton, Giles E., assignor.)

Ryan, Commodore D., Los Angeles, Calif., assignor to Commercial Controls Corporation. Liquid level control system. 2,360,894; Oct. 24.

Ryan, Commodore D., and F. P. Sager, Los Angeles, Calif., assignors to National Postal Meter Company, Inc., Rochester, N. Y. Envelope hopper and stripping mechanism for mail treating apparatus. 2,345,479; Mar. 7.

Ryan, Commodore D., and E. P. Drake, Los Angeles, Calif., assignors to National Postal Meter Company, Inc., Rochester, N. Y. Apparatus for feeding articles to mail treating machines. 2,344,643; Mar. 21.

Ryan, Commodore D., and E. P. Drake, Los Angeles, Calif., assignors to National Postal Meter Company, Inc., Rochester, N. Y. Moistening device for gummed objects. 2,349,564; May 23.

Ryan, Commodore D., and E. P. Drake, Los Angeles, Calif., assignors to National Postal Meter Company, Inc., Rochester, N. Y. Power-operated printing machine. 2,350,703; June 6.

Ryan, Commodore D., and E. P. Drake, Los Angeles, Calif., assignors to National Postal Meter Company, Inc., Rochester, N. Y. Control system for postage printing machines. 2,352,802; July 4.

Ryan, Commodore D., and E. P. Drake, Los Angeles, Calif., assignors to Commercial Controls Corporation. Trip and control mechanism for mail-treating machines. 2,363,554; Nov. 28.

Ryan Floating Stacker Company. (See Ryan, John E., assignor.)

Ryan, Frank C. (See Anderson, G. L., and Ryan.)

Ryan, George F., Peabody, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Link for hinge lasts. 2,356,588; Aug. 29.

Ryan, George K., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Ball core. 2,342,603; Feb. 22.

Ryan, George K., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Making ball cores. 2,363,086; Nov. 21.

Ryan, Grace G. (See Ryan, Joseph D., assignor.)

Ryan, James T., Santa Monica, and H. Robinett, West Los Angeles, Calif.; said Robinett assignor to said Ryan. Turnbuckle and wrench therefor. 2,360,019; Oct. 10.

Ryan, Jean E. L., Larchmont, N. Y. Method and apparatus for manufacture of hollow rubber articles. 2,364,029; Nov. 28.

Ryan Jewelry Corporation. (See Clark, Fred S., assignor.)

Ryan, John E., Adair County, assignor to Ryan Floating Stacker Company, Stuart, Iowa. Hay buck and stacker. 2,352,915; July 4.

Ryan, Joseph D., Toledo, Ohio, assignor to G. G. Ryan. Plastic composition. 2,348,756; May 16.

Ryan, Leo E. (See Leitch, L. C., Brickman, and Ryan.)

Ryan, Margaret I., executrix. (See Ryan, Thomas H.)

Ryan, Neva, Chicago, Ill. Stocking protector. 2,344,415; Mar. 14.

Ryan, Thomas H., deceased, San Francisco, Calif.; M. I. Ryan, executrix. Transmission mechanism. 2,364,919; Dec. 12.

Ryan, Victor A. (See Costa, E. J., and Ryan.)

Rybe, Anton, Bolzano, Italy; vested in the Alien Property Custodian. Electromagnetic multiple-disk clutch. 2,344,111; Mar. 14.

Rybka, Benno, Berlin-Lankwitz, Germany; vested in the Alien Property Custodian. Gyroscopic device. 2,344,112; Mar. 14.

Ryden, Eric H. (See Higley, F. R., and Ryden.)

Ryder, Bayard, Los Angeles, Calif. Heel construction. 2,359,001; Sept. 26.

Ryder, Charles D., Covington, assignor to The National Colortype Company, Bellevue, Ky. Reflector button. 2,340,958; Feb. 8.

Ryder, Earle A., West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Installing valve port liners. 2,340,566; Feb. 1.

Ryder, Earle A., West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Method and apparatus for crowning piston rings. 2,344,924; Mar. 21.

Ryder, Earle A., West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Temperature control for aircraft instruments. 2,365,843; Dec. 26.

Ryder, John D., University Heights, Ohio, assignor to Bailey Meter Company. Measuring apparatus. 2,358,103; Sept. 12.

Ryder, John D., Pepper Pike Village, Ohio, assignor to Bailey Meter Company. Measuring and controlling system. 2,363,473; Nov. 21.

Ryder, John D., Pepper Pike Village, and A. J. Hornfeck, Cleveland Heights, Ohio, assignors to Bailey Meter Company. Electrical system. 2,343,116; Feb. 29.

Rydin, Carl N., assignor to American Steel Foundries, Chicago, Ill. Railway truck. 2,346,614; Apr. 11.

Ryffé, Robert, assignor of one-half to J. Goldschmidt, Zurich, Switzerland. Apparatus for machining workpieces. 2,357,610; Sept. 5.

Rylsky, Gregory V., New York, N. Y., assignor to Bendix Aviation Corporation, Bendix, N. J. Liquid level. 2,347,218; Apr. 25.

Rymland, Murray J., Baltimore, Md., and E. C. Lewis, New York, assignors to Comfort Spring Corporation, Brooklyn, N. Y. Spring assembly. 2,352,569; June 27.

Rypinski, Albert B., assignor to Della C. Rypinski, Laurelton, Long Island, N. Y. Current-limiting and protective arrangement. 2,350,195; May 30.

Rypinski, Della C. (See Rypinski, Albert B., assignor.)

Ryser, Peter W., Portland, Oreg. Machine for making milk bottle caps. 2,359,531; Oct. 3.

Ryther, William J., Elizabeth, assignor to Nicholas H. Fucci, Englewood, N. J. Typewriter support. 2,359,002; Sept. 26.

Rzymkowski, Johannes, Jena, Germany; vested in the Alien Property Custodian. Developing process. 2,356,536; Aug. 22.

S. M. A. Corporation. (See Szabo, Lester J., assignor.)

S & S Corrugated Paper Machinery Co. (See Shields, Albert F., assignor.)

S & W Fine Foods, Inc. (See Carroll, Ellsworth W., assignor.)

S & W Fine Foods, Inc. (See Lannen, Harold T., assignor.)

Saari, Frank E., assignor of one-half to E. P. Kelly, Chicago, Ill. Track sanding device. 2,342,895; Feb. 29.

Sabel, Franz. (See Wirth, G., Sabel, and Laudenklos.)

Sabel, Franz. (See Wirth, G., Wenzel, Sabel, and Laudenklos.)

Sabin, Frank A., Cliffside Park, N. J., assignor, by mesne assignments, to Allied Chemical & Dye Corporation. Production of catalysts. 2,340,021; Jan. 25.

Sabin, Albert B., and J. Warren, assignors to The Children's Hospital, Cincinnati, Ohio. Therapeutic gold compound. 2,352,124; June 20.

Sabin, Ernest E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine for operating on insoles. 2,354,333; July 25.

Sabin, Oliver, assignor to P. Puner, I. R. Gwirtz, and O. Sabin, copartners, doing business as Century Distributors, New York, N. Y. Phonograph record rack. 2,346,705; Apr. 18.

Sabo, Louis, Astoria, assignor to H. B. Delman, New York, N. Y. Machine for shoemaking. 2,343,028; Feb. 29.

Sabo, Louis, assignor to H. B. Delman, New York, N. Y. Machine for shoemaking. 2,358,253; Sept. 12.

Sacco, Savino, Long Branch, N. J. Safety bottle breaking device. 2,342,495; Feb. 22.

Sachanen, Alexander N., and R. C. Hansford, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Production of aromatic compounds. 2,342,090; Feb. 15.

Sachanen, Alexander N., Woodbury, N. J., and S. B. Davis, Cambridge, Mass., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Alkylation process. 2,361,355; Oct. 24.

Sachanen Alexander N., and A. A. O'Kelly, Woodbury, N. J., and R. H. Work, Philadelphia, Pa., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Alkylation process. 2,361,356; Oct. 24.

Sachs, Frederick P., assignor to Container Corporation of America, Chicago, Ill. Collapsible stool or the like. 2,361,875; Oct. 31.

Sachs, William B., Jamaica, N. Y. Focusing flashlight. 2,339,356; Jan. 18.

Sackett, Edward B., Coulterville, Calif. Dispenser for bottled beverages. 2,346,457; Apr. 11.

Sackett, Ernest D., Winchester, Mass., assignor of one-half to North American Holding Corporation, and one-half to Parshad Holding Corporation, Syracuse, N. Y. Shoe filler composition and making. 2,350,252; May 30.

Sackett, Guy W. (See Gill, Fred A., assignor.)

Sackner, Wade E., assignor to Grand Rapids Fibre Cord Company, Grand Rapids, Mich. Cord or padding material. 2,339,950; Jan. 25.

Saco, Feliv, Jr., West Hartford, assignor to The Maxim Silencer Company, Hartford, Conn. Expansion joint. 2,344,269; Mar. 14.

Saco-Lowell Shops. (See Cotchett, Louis M., assignor.)

Saco-Lowell Shops. (See Edfors, Sven E., assignor.)

Saco-Lowell Shops. (See Jones, R. M., and Burnham, assignors.)

Saco-Lowell Shops. (See Jones, R. M., and West, assignors.)

Saco-Lowell Shops. (See Shaw, Benjamin C., assignor.)

Sadler, Thomas L., West Hartford, Conn. Fireman's tool. 2,360,163; Oct. 10.

Sadlon, Martin M. (See Lieber, E., and Sadlon.)

Sadlon, Martin M. (See Lieber, E., Sadlon, and Cashman.)

Sadtler, Robert E., Ridley Park, Pa. Tobacco pipe. 2,356,355; Aug. 22.

Saegert, Marie S., et al. (See Scavullo, Angelo C., assignor.)

Safety Car Heating and Lighting Company, The. (See Conley, Kurt H., assignor.)

Safety Car Heating and Lighting Company, The. (See Haddad, Labeeb B., assignor.)

Safety Car Heating and Lighting Company, The. (See Hulse, George E., assignor.)

Safety Car Heating and Lighting Company. (See Schepmoes, Lindsley, assignor.)

Safety Car Heating and Lighting Company, The. (See Strobell, John D., assignor.)

Safety-Fuel Incorporated. (See Herron, Albert O., assignor.)

Safeway Stores, Inc. (See Sneed, R. C., and Jordan, assignors.)

Saffady, Thomas F., Detroit, Mich. Flexible thermometer support. 2,357,692; Sept. 5.

Saffir, Jacob A., Chicago, Ill., assignor to The Dentists' Supply Company of New York, New York, N. Y. Artificial teeth. 2,350,196; May 30.

Safford, Lewis A., Watertown, N. Y., assignor to The New York Air Brake Company. Flow regulating device. 2,342,303; Feb. 22.

Sageb, Societe Anonyme de Gestion et d'exploitation de brevets. (See Brandt, Edgar W., assignor.)

Sager, Elmer H., Chicago, Ill. Slicing device. 2,352,125; June 20.

Sager, Frank P. (See Ryan, C. D., and Sager.)

Sagner, Walter T., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,340,491; Feb. 1.

Sahle, Rolfe, assignor to S. Morgan Smith Company, York, Pa. Reversible screw propeller operating mechanism. 2,360,982; Oct. 24.

Saigh, N. A., et al. (See Pulliam, James D., assignor.)

Saifer, Rudolph J., Townley, assignor to The Singer Manufacturing Company, Elizabeth, N. J. String-inserting mechanism for sewing machines. 2,339,653; Jan. 18.

St. Clair, John N., Kansas City, Mo. Tube bender. 2,349,525; May 23.

St. Clair, Theodore A., Pontiac, Mich., assignor to Phillips Petroleum Company. Container pressure withstanding testing device. 2,353,275; July 11.

St. Clair, Theodore A., Pontiac, Mich., assignor to Phillips Petroleum Company. Antibuzz fluid pressure regulator. 2,354,283; July 25.

Saint Cyr Corporation. (See Hale, William B., assignor.)

Saint Genies, Anne H. J. de L., Versailles, France; vested in the Alien Property Custodian. Device for making exposures on lenticular films. 2,352,864; July 4.

St. Joe Paper Company. (See Sudduth, J. A., and Lay, assignors.)

St. John, Bay. (See Dayton, Max E., assignor.)

St. Joseph Lead Company. (See Najarian, Herand K., assignor.)

St. Joseph Lead Company. (See Stowell, Harold T., assignor.)

St. Louis, Charles V., Chicago, assignor to B. A. Tetzlaff, Riverside, Ill. Control means for roll feeds. 2,339,962; Jan. 25.

St. Louis Public Service Company. (See Rossell, W. T., Shepard, and Bader, assignors.)

St. Louis University, President & Board of Trustees of. (See Thayer, S. A., Binkley, McKee, MacCorquodale, and Doisy, assignors.)

St. Palley, Zoltan O., Pittsfield, Mass., assignor to General Electric Company. Regulating transformer. 2,341,858; Feb. 15.

St. Paul Hydraulic Hoist Company. (See Merchant, Donald R., assignor.)

St. Paul Machinery Manufacturing Company. (See Kirby, J. N., and Grumke, assignors.)

St. Pierre, Eugene. (See Green, I. H. C., and St. Pierre.)

St. Pierre, Eugene, and D. Fregeolle, Pawtucket, assignors to Hemphill Company, Central Falls, R. I. Knitted fabric and method. 2,339,963; Jan. 25.

St. Pierre, Eugene, and D. H. Fregeolle, Pawtucket, assignors to Hemphill Company, Central Falls, R. I. Making stocking tops. 2,354,557; July 25.

St. Regis Paper Company. (See Bushman, Robert P., assignor.)

St. Regis Paper Company. (See Hartman, C. H., Marsh, and Dorrington, assignors.)

St. Regis Paper Company. (See Miller, Bernard T., assignor.)

St. Regis Paper Company. (See Peterson, William R., assignor.)

Saks, Ira, Cleveland Heights, Ohio. Clutch plate. 2,339,430; Jan. 18.

Salabes, Sody, Baltimore, Md., assignor to May Oil Burner Corporation. Chuck. 2,362,501; Nov. 14.

Saladin, Lawrence J., assignor to Wm. Wrigley Jr. Company, Chicago, Ill. Article-conveying mechanism. 2,351,838; June 20.

Salani, Ettore, Rome, Italy; vested in the Alien Property Custodian. Projector. 2,341,658; Feb. 15.

Saldin, Max, Brooklyn, N. Y. Spring tire for vehicles. 2,364,874; Dec. 12.

Salemme, William C., assignor to Plastic Engineering Corporation, West Orange, N. J. Spray device. 2,343,804; Mar. 7.

Sales Affiliates, Inc. (See Evans, R. L., and McDonough, assignors.)

Sales Affiliates, Inc. (See Korf, F., and Zentler, assignors.)

Salfisberg, Leroy L., South Orange, N. J., assignor, by mesne assignments, to Minnesota Mining and Manufacturing Company, St. Paul, Minn. Gummed tape dispenser and applier. Re. 22,418; Jan. 11.

Salfisberg, Leroy L., South Orange, assignor to Ivers-Lee Company, Newark, N. J. Package. 2,344,369; Mar. 14.

Saltsberg, Leroy L., South Orange, assignor to Ivers-Lee Company, Newark, N. J. Making packages. 2,347,509; Apr. 25.

Saltsberg, Leroy L., South Orange, assignor to Ivers-Lee Company, Newark, N. J. Machine for making and filling packages. 2,350,930; June 6.

Saltsberg, Leroy L., South Orange, assignor to Ivers-Lee Company, Newark, N. J. Dispensing package. 2,350,931; June 6.

Salinger, Hans, Fort Wayne, Ind., assignor to Farnsworth Television and Radio Corporation. Communication system. 2,350,331; June 6.

Salisbury, Frank M. (See La Sha, S. S., and Salisbury.)

Salisbury, George F., Kenilworth, Ill. Wind course indicating means. 2,363,087; Nov. 21.

Salisbury, Leroy F., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Low melting polyamides. 2,351,074; June 13.

Salit, Jonah, New York, N. Y. Watch indicator. 2,347,129; Apr. 18.

Salkin, Bernard, New York, N. Y. Beverage concentrate. 2,340,989; Feb. 8.

Salle, Anthony J., West Los Angeles, and H. L. Guest Ocean Park, assignors of one-half to L. A. Gunther Robbins, Calif. Germicides and producing same. 2,354,334; July 25.

Sallmann, Richard. (See Graenacher, C., and Sallmann.)

Sallmann, Richard. (See Graenacher, C., Sallmann, and Albrecht.)

Sallmann, Richard. (See Graenacher, C., Sallmann, Albrecht, and Frei.)

Salminen, Ilmari F., and A. Weissberger, assignors to Eastman Kodak Company, Rochester, N. Y. Carboxylic acid amide couplers. 2,359,332; Oct. 3.

Salmon, Reginald D., assignor to Creed and Company Limited, Croydon, England. Printing telegraph apparatus. 2,339,724; Jan. 18.

Salmon, Reginald D., and A. A. Kirchel, assignors to Creed and Company Limited, Croydon, England. Printing telegraph apparatus. 2,346,944; Apr. 18.

Salmon, Reginald D., assignor to Creed and Company Limited, Croydon, England. Printing telegraph apparatus. 2,356,092; Aug. 15.

Salmon, Reginald D., Croydon, assignor to Creed and Company Limited, Croydon, Surrey, England. Apparatus for selectively positioning typewheel. 2,358,477; Sept. 19.

Salmon, Vincent, assignor to Jensen Radio Manufacturing Company, Chicago, Ill. Acoustic horn. 2,338,262; Jan. 4.

Salmond, Hubert M., Fareham, and A. Mathisen, Highbom, assignors to Graviner Manufacturing Company Limited, London, England. Gravity operated electric switch. 2,353,764; July 18.

Salomon, François M. M. B., Paris, France; vested in the Alien Property Custodian. Oscillation damping means. 2,361,710; Oct. 31.

Saloman Engineers, Limited. (See Batkin, Herbert W., assignor.)

Salsbury's, Dr., Laboratories. (See Eriksen, Sivert, assignor.)

Salt, Francis E. (See Stanley, H. M., and Salt.)

Salt Water Control, Inc. (See Erwin, Ransome W., assignor.)

Salter, Frank S. (See Loewy, L., and Salter.)

Salterini, John B., Company. (See Schneider, Edward J., assignor.)

Salterini, Nan B., et al. (See Schneider, Edward J., assignor.)

Salvador, Jack, Toccoa, Ga., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Portable conveyer. 2,341,102; Feb. 8.

Salvatierra, Francisco. (See Galipó, R. A., and Salvatierra.)

Salverda, Henry P., assignor of one-half to F. J. McCarron and A. McCarron Loftus, Dayton's Bluff Station, Minn. Well tool extracting device. 2,352,453; June 27.

Salvin, Victor S. (See Seymour, G. W., and Salvin.)

Salvin, Victor S., Cumberland, Md., and A. J. Hill, New Haven, Conn., assignors to American Cyanamid Company, New York, N. Y. Alkamine derivatives of ethers of p-hydroxymethyl benzoic acid. 2,350,826; June 6.

Salzberg, Benjamin, New York, N. Y. Initial applicator. 2,361,501; Oct. 31.

Salzberg, Bernard, East Orange, N. J., assignor to Radio Corporation of America. Electron discharge device and circuit. 2,342,896; Feb. 29.

Salzer, Theodore O. (See Armitage, J. B., Rothweiler, and Salzer.)

Salzer, Walter. (See Behnisch, R., and Salzer.)

Salzer, Walter, and H. Henecka, Wuppertal-Elberfeld, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Manufacture of pyridine-4,5-dicarboxylic acid compounds. 2,345,633; Apr. 4.

Salzmann, Fritz, assignor to Aktiengesellschaft fuer Technische Studien, Zurich, Switzerland. Thermal power plant. 2,345,950; Apr. 4.

Samann, Eric L., Detroit, Mich. Incendiary bomb. 2,354,882; Aug. 1.

Samburg, Maurice, and E. Amatnick, New York, N. Y.; said Amatnick assignor to said Samburg. Automatic telephone calling system. 2,348,758; May 16.

Samer, Henry A., Ludlow, Ky., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Bus bar supporting clamp. 2,356,006; Aug. 15.

Samiran, David, Fairfield, Ohio. Liquid dispensing device. 2,348,757; May 16.

Samiran, David, Fairfield, Ohio. Automatic shutoff valve. 2,353,191; July 11.

Sammons, Charles W. (See Dreyfus, H., Moncrieff, and Sammons.)

Sammons, John M. (See Sohaney, J. J., and Sammons.)

Sampair, Clarence B., and E. C. Lund, assignors to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Tape roll and core. 2,350,369; June 6.

Sampatacos, Peter M., assignor to The Heald Machine Company, Worcester, Mass. Bearing construction. 2,348,928; May 16.

Sampietro, Achilles C., assignor to Humber Limited, Coventry, England. Synchronizing means for vehicle and other machinery clutches. 2,361,127; Oct. 24.

Sampietro, Achilles C., Coventry, and W. T. Ottiver, Leamington, assignors to Humber Limited, Coventry, England. Cushion, shock absorber, vibration damper, or the like. 2,356,093; Aug. 15.

Sample, Basil S. (See Holmes, J. Q., and Sample.)

Sampsel, Arthur V., Mendota, Ill., assignor to Sears, Roebuck and Co., Chicago, Ill. Outfire control. 2,364,663; Dec. 12.

Sampson, Richard H., Plainfield, N. J., assignor to International Business Machines Corporation, New York, N. Y. Rounding off means for calculating machines. 2,350,898; June 6.

Samson, Edward W., and A. H. Croup, assignors to Hammermill Paper Company, Erie, Pa. Pulp consistency testing apparatus. 2,346,945; Apr. 18.

Samson, Walter R., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Assembling apparatus. 2,357,693; Sept. 5.

Samuel, John O., assignor to Unifloc Reagents Limited, Swansea, Wales. Softening of water and the flocculation of suspended solids in aqueous liquids. 2,354,146; July 18.

Samuel, John O., assignor to Unifloc Reagents Limited, Swansea, Wales. Reagent for softening water and the flocculation of suspended solids therein. 2,362,409; Nov. 7.

Samuel Stamping and Enameling Company. (See Rau, Charles R., assignor.)

Samuelson, Otto H., and A. T. Zappia, Indianapolis, Ind. Forming hollow glass articles. 2,363,999; Nov. 28.

Samwell, Philip R., and W. A. Pentecost, assignors to Hammer-Bray Company, Ltd., Oakland, Calif. Adjustable broiler grid. 2,344,174; Mar. 14.

Samzelius, John W., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric switch. 2,345,007; Mar. 28.

Samzelius, John W., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric switch. 2,359,159; Sept. 26.

Sand, Charles H., Jr., Willoughby, assignor to Addressograph-Multigraph Corporation, Cleveland, Ohio. Printing machine. 2,342,098; Feb. 29.

Sand, Charles H., Jr., Willoughby, assignor to Addressograph-Multigraph Corporation, Cleveland, Ohio. Printing machine. 2,342,099; Feb. 29.

Sand, Charles H., Jr., Willoughby, assignor to Addressograph-Multigraph Corporation, Cleveland, Ohio. Printing machine. 2,342,898; Feb. 29.

Sand, Robert T., Detroit, Mich. Utility lantern. 2,362,088; Nov. 21.

Sandberg, Folke, assignor to Geo. D. Roper Corporation, Rockford, Ill. Reinforced sheet metal cabinet construction. 2,357,025; Aug. 29.

Sandberg, Oscar, assignor to Lynch Manufacturing Corporation, Defiance, Ohio. Wrapping paper cutting and feeding mechanism. 2,338,132; Jan. 4.

Sandberg, Oscar, assignor to Lynch Manufacturing Corporation, Defiance, Ohio. Kickout device for wrapping machines. 2,351,879; June 20.

Sandberg, Oscar, assignor to Lynch Manufacturing Corporation, Defiance, Ohio. Article feeding mechanism. 2,354,482; July 25.

Sandberg, Ray A., Waukegan, assignor to Burgess-Norton Manufacturing Company, Geneva, Ill. Rubber stripping machine. 2,341,816; Feb. 15.

Sandberg, Ray A., Waukegan, Ill., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Brake lever. 2,351,638; June 20.

Sandberg, Ray A., Waukegan, Ill., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Seal for pressure vessels and the like. 2,353,589; July 11.

Sandberg, William A., Los Angeles, Calif. Manhole structure. 2,347,844; May 2.

Sandberg, William A., Los Angeles, Calif. Horizontal tank and support therefor. 2,359,683; Oct. 3.

Sandbery, Oscar, assignor to Lynch Manufacturing Corporation, Defiance, Ohio. Flange bold-in device for wrapping machines. 2,356,537; Aug. 22.

Sandell, Folke E., Detroit, Mich. Internal combustion engine. 2,342,900; Feb. 29.

Sandell, Harry N., Brookline, assignor to Sandell Manufacturing Company, Inc., Watertown, Mass. Reinforced waterproofing sheet material. 2,355,333; Aug. 8.

Sandell Manufacturing Company. (See Sandell, Harry N., assignor.)

Sandell, Maynard L., Rochester, N. Y. Sorting apparatus. 2,338,133; Jan. 4.

Sandenburgh, George H., Ann Arbor, Mich., assignor of one-half to W. M. Pindell, Evanston, Ill. Protective coating for concrete pavements. 2,348,385; May 9.

Sander, Frank S., New York, N. Y. Connecting clamp. 2,349,991; May 30.

Sanders, Arthur F., assignor of one-half to John Fowler & Co. (Leeds) Limited, Leeds, England. Internal combustion engine combined with a compressor. 2,346,458; Apr. 11.

Sanders, Edmond W., Cuyahoga Falls, assignor to Wingfoot Corporation, Akron, Ohio. Acid-resistant roll. 2,356,007; Aug. 15.

Sanders, Elmer N., Mount Lebanon, Pa., assignor to National Tube Company. Cold-drawing pipes and tubes. 2,351,710; June 20.

Sanders, Helen G., Los Angeles, Calif. Apparatus for moving articulations. 2,358,254; Sept. 12.

Sanders, Henry H., Nederland, Tex. Dressing machine for pipe wrench parts. 2,354,616; July 25.

Sanders, Louis S. (See McIntosh, Maurice D., assignor.)

Sanders, Louis S., Shaker Heights, Ohio. Preparing camera copy for multicolor printing. 2,360,587; Oct. 17.

Sanders, Robert D. (See Patey, William B., assignor.)

Sanderson, Robert T. (See Rearden, D. S., Brewster, and Sanderson.)

Sanderson, Robert T., Sierra Madre, Calif., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Geochemical prospecting. 2,345,210; Mar. 28.

Sandford Investment Company, The. (See Cate, T. M., and Jones, assignors.)

Sandford, John B. (See Etridge, J. J., Sandford, and Lefebure.)

Sandford, John B., Saltburn, and V. Lefebure, London, England, assignors to Imperial Chemical Industries Limited. Manufacture of composite wallboard. 2,346,999; Apr. 18.

Sandhofer, Arthur, Cisco, Tex., assignor to Phillips Petroleum Company. Fuel admission device for internal-combustion engines. 2,361,063; Oct. 24.

Sandhofer, Arthur, Cisco, Tex., assignor to Phillips Petroleum Company. Fuel admission device for internal-combustion engines. 2,361,502; Oct. 31.

Sandilands, James C., assignor to The James Morrison Brass Mfg. Co. Limited, Toronto, Ontario, Canada. Making disc elements for gate valves. 2,359,442; Oct. 3.

Sandison, Robert. (See Roper-Lowe, Frank, and Sandison.)

Sandlin, Otis, assignor to Whistler's Picking Machine Company, Philadelphia, Pa. Machine for plucking poultry and the like. 2,342,013; Feb. 15.

Sando, Joseph B., Kansas City, Mo., assignor to Western Laundry Machinery Company. Circulating liquid heater. 2,340,430; Feb. 1.

Sandoz A. G. (See Peter, Albin, assignor.)

Sandoz Ltd. (See Knecht, O., and Senn, assignors.)

Sandoz Ltd. (See Knecht, O., and Wirth.)

Sandoz Ltd. (See Leemann, H., Rheiner, and Hagenbuch, assignors.)

Sandoz Ltd. (See Link, J., and Jaccard, assignors.)

Sandoz Ltd. (See Stoll, A., and Hofmann, assignors.)

Sandoz Ltd. (See Stoll, A., Kussmaul, and Becker.)

Sandretto, Peter C., Oak Park, Ill., assignor to United Air Lines, Inc. Ignition system. 2,347,286; Apr. 25.

Sandretto, Peter C., Chicago, Ill., assignor to United Air Lines, Inc. Static suppressor. 2,352,411; June 27.

Sandretto, Peter C., Oak Park, Ill., assignor to United Air Lines, Inc. Radio receiver system. 2,362,958; Nov. 14.

Sands, Alexander J. (See Wildy, E. L., and Sands.)

Sands, Edward F., Jr., St. Paul, Minn. Game. 2,342,899; Feb. 29.

Sands, William F., West Collingswood, N. J., assignor to Radio Corporation of America. Loop input system for radio receivers. 2,359,684; Oct. 3.

Sands, William F., and G. M. Daly, West Collingswood, N. J., assignors to Radio Corporation of America. Variable tuning system. 2,338,134; Jan. 4.

Sandstone, Harvey D., Los Angeles, Calif. Casing protector and booster. 2,352,412; June 27.

Sandweiss, David J., assignor to Parke, Davis & Company, Detroit, Mich. Therapeutic preparation effective against ulcers. 2,364,760; Dec. 12.

Sanford, David P., assignor to American Type Founders Incorporated, Elizabeth, N. J. Sheet feeder. 2,365,294; Dec. 19.

Sanford, Hugh W., Knoxville, Tenn. Container. 2,351,150; June 13.

Sanford, Hugh W., Knoxville, Tenn. Drop bottom door latching equipment for mine cars. 2,364,554; Dec. 5.

Sanford, John M., Terre Haute, Ind. Filter blank. 2,349,115; May 16.

Sanford Mills. (See Swett, Hinkley R., assignor.)

Sanford, Robert C., Camden, N. J., assignor to Radio Corporation of America. Phase-inverter circuit. 2,340,617; Feb. 1.

Sanford, Roy S. (See Andrea, W. J., and Sanford.)

Sanford, Roy S., assignor to The Autoyre Company, Incorporated, Oakville, Conn. Fixture. 2,340,274; Jan. 23.

Sanford, Roy S., assignor to the Autoyre Company, Incorporated, Oakville, Conn. Wall bracket. 2,353,363; July 11.

Sanford, Roy S., assignor to the Autoyre Company, Incorporated, Oakville, Conn. Wall bracket. 2,353,364; July 11.

Sanford, Roy S., assignor to the Autoyre Company, Incorporated, Oakville, Conn. Fixture and hinge bracket therefor. 2,353,365; July 11.

Sanford, Roy S., Woodbury, Conn., assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Brake mechanism. 2,362,723; Nov. 14.

Sang, Henry J., Moylan, Pa. Tensiometer. 2,350,419; June 6.

Sanitary District of Chicago, The. (See Palmieri, M., and Beck, assignors.)

Sann, Otto. (See Hahn, G. J., and Sann.)

Sanna, Anthony R., et al. (See Baumann, Lewis A., assignor.)

Sanna, Bartell J., et al. (See Baumann, Lewis A., assignor.)

Sanna Dairy Engineers. (See Baumann, Lewis A.)

Sanna, Filip L., et al. (See Baumann, Lewis A., assignor.)

Sanocki, Stanley, Chicopee, Mass. Tool. 2,346,084; Apr. 4.

Sansom, Mary L., New York, N. Y. Combined and convertible skirt and bifurcated garment. 2,343,480; Mar. 7.

Santon, Elliot A., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Take-up for looms. 2,346,615; Apr. 11.

Santon, Elliot A., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Picking mechanism for looms. 2,363,441; Nov. 21.

Santon, Elliot A., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Thread holder and remover for weft replenishing looms. 2,365,844; Dec. 26.

Santora, Frank, assignor of one-half to E. A. Swenson, Brooklyn, N. Y. Clothespin. 2,360,164; Oct. 10.

Santucci, Nicholas, Niles Center, Ill. Sewage cutting or shredding device. 2,341,817; Feb. 15.

Sapp, John P. (See Haron, U. C., and Sapp.)

Sapp, Robert W. (See Coleman, G. H., Hadler, and Sapp.)

Sarazin, Raoul R. R., Lyon, France; vested in the Alien Property Custodian. Vibration damper. 2,356,435; Aug. 22.

Sarbach, Donald V., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Synthetic rubber composition. 2,340,699; Feb. 1.

Sarbach, Donald V., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Softeners for synthetic rubber. 2,360,895; Oct. 24.

Sarbach, Donald V., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Softeners for synthetic rubber. 2,360,896; Oct. 24.

Sarbach, Donald V., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Softeners for synthetic rubber. 2,360,897; Oct. 24.

Sarbach, Donald V., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Softeners for synthetic rubber. 2,360,898; Oct. 24.

Sarchet, Thomas H., Spokane, Wash. Pump. 2,345,220; Mar. 28.

Sarco Company. (See Adlam, Thomas N., assignor.)

Sardeson, Robert. (See La Mere, F. J., and Sardeson.)

Sardeson, Robert, Minneapolis, Minn., assignor to H. C. Genter, Miami Beach, Fla. Food cooking device. 2,365,909; Dec. 26.

Sardeson, Robert L., D. Friel, H. M. and G. M. Dye, assignors to Pako Corporation, Minneapolis, Minn. Print developing machine. 2,362,587; Nov. 14.

Sarge, Theodore W., assignor to The Dow Chemical Company, Midland, Mich. Production of magnesium sulphide. 2,358,661; Sept. 19.

Sargent & Company. (See Brantingson, Sigurd, assignor.)

Sargent & Company. (See Edwards, William S., assignor.)

Sargent & Company. (See Kendall, G. H., Oxbandler, and Brooks, assignors.)

Sargent & Company. (See Oxhandler, Samuel, assignor.)

Sargent & Company. (See Voight, Henry G., assignor.)

Sargent & Company. (See Voight, H. G., and Brantingson, assignors.)

Sargent, Donald E., assignor to Reynolds Spring Company, Jackson, Mich. Sieve frame. 2,362,099; Nov. 7.

Sargent, Edgar H., and A. G. Alex, Evanston, Ill. Dispensing machine. 2,345,074; Mar. 28.

Sargent, Edmund L., and E. A. Oberright, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Stabilized fuel oil composition and method thereof. 2,353,192; July 11.

Sargent, John W., and C. E. Staky, assignors to D. J. Murray Manufacturing Co., Wausau, Wis. Heat transfer unit. 2,343,387; Mar. 7.

Sargent, Nell A., Winchester, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Preparation of aluminum sulphate. 2,340,567; Feb. 1.

Sarnes, Lowell F., Dearborn, Mich. Vehicle brake signal. 2,361,361; Oct. 24.

Sarnes, Lowell F., Dearborn, assignor to Monarch Governor Company, Detroit, Mich. Rearview mirror. 2,364,165; Dec. 5.

Saroney, Albert, West Orange, N. J. Thread milling assembly. 2,352,227; June 27.

Sarran, Wallace E., and R. E. Metzger, assignors to The Chas. W. Breneman Company, Cincinnati, Ohio. Window blind. 2,339,113; Jan. 11.

Sarulla, Charles, assignor to Remington Arms Company, Inc., Bridgeport, Conn. Metal trimming. 2,350,535; June 6.

Sarver, Emmett F., assignor of one-half to O. W. Wortman, Wichita, Kans. Air powered hair cutter 2,362,666; Nov. 14.

Sas, Elmer, New York, N. Y. Xylophone. 2,347,287; Apr. 25.

Sasgen, Michael J., Chicago, Ill. Door holder. 2,352,015; June 20.

Sasgen, Michael J., Chicago, Ill. Door holder. 2,352,016; June 20.

Sasiaw, Otto, Lyndhurst, N. J., assignor to Federal Telephone & Radio Corporation, New York, N. Y. Treating selenium elements. 2,356,094; Aug. 15.

Sasiaw, Otto, Lyndhurst, N. J., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Selenium rectifier. 2,361,969; Nov. 7.

Sasiaw, Otto, Lyndhurst, N. J., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Producing selenium rectifiers. 2,363,555; Nov. 28.

Sass, William H., Los Angeles, Calif. Postal greeting folder. 2,354,066; July 18.

Sassano, John H., Union, N. J. Scraper. 2,351,711; June 20.

Sasser, Bernard, Springfield, Vt. Rotary slide rule. 2,358,478; Sept. 19.

Sasser, Bernard, Springfield, Vt. Rotary slide rule. 2,358,479; Sept. 19.

Sassetti, Antonio. (See Sonnino, C., and Sassetti.)

Sassner Steel Stamps, et al. (See Nachemov, Leonard, assignor.)

Satchwell, Leonard, Slough, England. Boiler. 2,340,431; Feb. 1.

Sattele, Louis F., and A. H. Ziegler, McKeesport, Pa., assignors to National Tube Company. Screen. 2,351,712; June 20.

Sattelee, Howard A., Cleveland, assignor to The Aro Equipment Corporation, Bryan, Ohio. Pressure switch structure. 2,343,245; Mar. 7.

Sattler, Edward J., Mineral City, Ohio. Semitrailer construction. 2,351,151; June 13.

Sattley Company. (See Francis, Joseph N., assignor.)

Saucier, Lionel H., assignor of one-half to L. A. Cejka, Chicago, Ill. Adjustable angle plate. 2,365,436; Dec. 19.

Sauer, Arthur W., assignor to Star Electric Motor Company, Bloomfield, N. J. Ball-bearing pullers. 2,352,739; July 4.

Sauer, George. (See Christensen, N. V., Sauer, and Wallenberg.)

Sauer, George, Berwyn, assignor to Union Special Machine Company, Chicago, Ill. Sewing machine. 2,345,992; Apr. 4.

Sauer, George, Berwyn, assignor to Union Special Machine Company, Chicago, Ill. Sewing machine. 2,360,284; Oct. 10.

Sauer, Henry J., assignor to The Kilborn-Sauer Company, Fairfield, Conn. Thermometer mounting for rear-vision automobile mirrors. 2,351,880; June 20.

Sauer, John C. (See Coffman, D. R., and Sauer.)

Sauer, Louis E., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Magnetic shield for electrical apparatus. 2,340,081; Jan. 25.

Sauerborn, Eugene P. (See Miller, A. J., and Sauerborn.)

Sauers, Gordon F., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Metal-clad switchgear. 2,340,082; Jan. 25.

Saul, August A. (See Wise, W. H., and Saul.)

Saul, August A., assignor to Miller Printing Machinery Co., Pittsburgh, Pa. Material handling apparatus. 2,363,536; Nov. 28.

Saul, James, assignor to Reliable Electric Company, Chicago, Ill. Making connectors. 2,343,933; Mar. 14.

Saul, Joseph, Pasadena, and C. E. Olsen, and J. A. Peterson; said Saul assignor to Gearench Manufacturing Company, Houston, Tex. Flange spreader. 2,352,290; June 27.

Saul, Joseph, Pasadena, assignor to Gearench Manufacturing Company, Houston, Tex. Flange spreader. 2,353,623; July 11.

Saul, Samuel, Jr., Pittsburgh, Pa. Tray construction. 2,356,473; Aug. 22.

Saul, William B. (See Hirsch, H., and Saul.)

Saulnier, Raymond, Paris, France; vested in the Alien Property Custodian. Assembly of tanks and the like. 2,356,827; June 6.

Saulsberry, Jay L., Burbank, Calif. Pump shock absorber. 2,359,389; Oct. 3.

Saunders, Alfred P. (See Holmes, H. H., and Saunders.)

Saunders, Bertha, Los Angeles, Calif. Exerciser. 2,351,293; June 13.

Saunders, Charles W. (See Harrison, C. P., and Saunders.)

Saunders, Frank S., Tongwynlais, South Wales. Machine for twisting metal shapes. 2,359,277; Oct. 3.

Saunders, Henry B. (See Davis, J. I., and Saunders.)

Saunders, Henry B. (See Yoder, R. S., and Saunders.)

Saunders, Karl C. (See Allen, H. G., and Saunders.)

Saunders, Seymour G., Bloomfield Hills, and H. Morrison, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Window. 2,342,758; Feb. 29.

Saunders, William W. (See Pierson, P. H., and Saunders.)

Saurer, Curt, assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Shock absorber. 2,354,428; July 25.

Saussaman, Walter A., and J. L. Bausher, assignors to Infants Socks, Inc., Reading, Pa. Knitted fabric. 2,361,152; Oct. 24.

Sauter, Fritz, Basel, Switzerland. Snap-action rocker device. 2,349,008; May 16.

Sauter, Fritz, assignor to Fr. Sauter A. G. Fabrik Elektr. Apparate, Basel, Switzerland. Device for the time control of physical values. 2,359,160; Sept. 26.

Savage Arms Corporation. (See Horan, Timothy F., assignor.)

Savage, John O., New York, N. Y. Military vehicle and bridge. 2,355,473; Aug. 8.

Savage, Rufus L., Jr. (See Eastman, du B., Nagle, and Savage, assignors.)

Savage, Rufus L., Scarsdale, assignor to The Texas Company, New York, N. Y. Catalytic treating apparatus. 2,339,882; Jan. 25.

Savage, W. J., Company. (See Fulton, Weston M., assignor.)

Savell, Walter L., Forest Hills, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Black liquor concentration. 2,343,085; Feb. 29.

Savell, Walter L., Forest Hills, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Regenerating sodium hydroxide-sodium sulphide cooking liquors. 2,358,187; Sept. 12

Savell, Walter L., Forest Hills, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Chemical manufacture. 2,363,150; Nov. 21.

Savelli, Joseph J. (See Davis, C. R., Savelli, and Franklin.)

Savickas, Bruno J., Worcester, Mass. Stove. 2,348,366; May 9.

Savitzky, Abraham, Bronx, assignor to Marvel Slide Fastener Corporation, New York, N. Y. Slider for slide fasteners and making the same. 2,364,100; Dec. 5.

Savko, Paul, Jr., assignor of one-half to A. M. Kozacik, Whiting, Ind. Float gauge. 2,340,616; Feb. 1.

Savoie, Mark E., Cleveland, Ohio. Eraser for mechanical pencils. 2,356,474; Aug. 22.

Sawdon, Victor J., Bronxville, N. Y. Multiform envelope. 2,340,700; Feb. 1.

Sawicki, Arthur A., Gates Mills, assignor to Jack & Heints, Inc., Bedford, Ohio. Universal indexing device. 2,360,588; Oct. 17.

Sawin, Raymond R., assignor to O. F. Mossberg & Sons, Inc., New Haven, Conn. Packing frangible articles. 2,352,803; July 4.

Sawtelle, Charles A., Plymouth, Mich. Broke shoe. 2,348,499; May 9.

Sawtelle, Charles A., Plymouth, Mich. Vehicle brake. 2,348,500; May 9.

Sawyer, Edward E., Waterville, Maine, assignor, by mesne assignments, to The Canal National Bank of Portland, Portland, Maine, trustee. Manufacturing resin-bearing fibrous pulp articles. 2,343,330; Mar. 7.

Sawyer, Edward L., Washington, D. C., assignor to United Shoe Machinery Corporation, Flemington, N. J. Prewelt shoe manufacture. 2,354,837; Aug. 1.

Sawyer Electrical Mfg. Company. (See Cripps, Ray H., assignor.)

Sawyer Electrical Mfg. Co. (See Sawyer, Marion B., assignor.)

Sawyer, Fred A., South Bend, assignor to Mishawaka Rubber and Woolen Manufacturing Company, Mishawaka, Ind. Spring insert cushion. 2,359,003; Sept. 26.

Sawyer, Marion B., assignor to Sawyer Electrical Mfg. Co., Los Angeles, Calif. Electromagnetic apparatus and making the same. 2,354,551; July 25.

Sawyer, Marion B., assignor to Sawyer Electrical Mfg. Co., Los Angeles, Calif. Electric motor. 2,364,000; Nov. 28.

Sawyer, Richard L. (See Bruner, F. H., Clarke, and Sawyer.)

Sawyer, Roscoe H., Linthicum Heights, Md., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing improved titanium pigments. 2,346,085; Apr. 4.

Sawyer, Walter A., Cristobal, Canal Zone, Panama. Sectional boat. 2,347,510; Apr. 25.

Saxby, Frank R., Eastcote, England, assignor to The National Cash Register Company, Dayton, Ohio. Multiplying machine. 2,346,616; Apr. 11.

Saxby, Marvin R., Pleasant Plains, Staten Island, assignor of sixty per cent to G. Murran, New York County, N. Y. Method and apparatus for applying radium-luminescent material. 2,348,929; May 16.

Saxe, Leo C., Washington, D. C. Electric razor head assembly. 2,355,898; Aug. 15.

Saxe, Walter E., Alhambra, assignor to The Conveyor Company, Los Angeles, Calif. Storage device. 2,347,437; Apr. 25.

Saxel, Edward T., Brecksville, and R. E. Minto, Cleveland, Ohio. Determination of tin in cast iron and steel. 2,357,429; Sept. 5.

Say, Alan W., Upminster, assignor to The Plessey Company Limited, Ilford, England. Pump. 2,361,153; Oct. 24.

Sayers, Royd R., Alexandria, Va., assignor to the United States of America, as represented by the Secretary of the Interior. Recovery of metallic magnesium. 2,353,193; July 11.

Sayford, Frank M., Company. (See Sayford, Howard A., assignor.)

Sayford, Howard A., Bloomfield, N. J., assignor to Frank M. Sayford Company, Inc., Brooklyn, N. Y. Christmas tree ornament. 2,353,853; July 18.

Sayler, Daniel M., Richmond, Calif. Traction device. 2,359,586; Oct. 3.

Sayles, James N. (See Sayles, L. F. and J. N.)

Sayles, Louis F., assignor of one-half to Louise Pendleton Sayles, Portland, Oreg. Pocket guard. 2,341,949; Feb. 15.

Sayles, Louis F., assignor of one-half to L. P. Sayles, Portland, Oreg. Holding bracket. 2,354,404; July 25.

Sayles, Louis F. and J. N., Portland, Oreg. Adjustable supporting bracket. 2,364,477; Dec. 5.

Sayles, Louise P. (See Sayles, Louis F., assignor.)

Saylor-Beall Manufacturing Co. (See Stahl, Rodolphe, assignor.)

Sayre, Gordon B., assignor to Boonton Molding Company, Boonton, N. J. Apparatus for measuring, preforming, and molding plastics. 2,347,971; May 2.

Sayre, Gordon B., Brooklyn, N. Y., assignor to Boonton Molding Company, Boonton, N. J. Molding. 2,351,713; June 20.

Sayre, Gordon B., assignor to Boonton Molding Company, Boonton, N. J. Unscrewing device for the molding of threaded articles. 2,363,808; Nov. 28.

Sayre, Robert W., et al. (See Creamer, Norman G., assignor.)

Scaife Company. (See Anthony, H. L., and Turnbull, assignors.)

Scammell, Harry J. (See Watter, M., and Scammell.)

Scane, James W., Windsor, Ontario, Canada. Vehicle jack. 2,360,624; Oct. 17.

Scanlan, Bernard P. (See Denisoff, A. C., and Scanlon.)

Scanlon, Michael J., Baltimore, Md. Motor vehicle steering gear. 2,350,478; June 6.

Scarff Way L., Auburn, Wash. Opening pea pods. 2,360,983; Oct. 24.

Scarlett, Arthur A., assignor to International Harvester Company, Chicago, Ill. Agricultural implement. 2,356,889; Aug. 29.

Scarlett, Arthur A., assignor to International Harvester Company, Chicago, Ill. 2,358,538; Sept. 19.

Scarlett, Arthur A., and S. M. Young, Hamilton, Ontario, Canada, assignors, by mesne assignments, to International Harvester Company, Chicago, Ill. Agricultural machine. 2,352,589; June 27.

Scarratt, Albert W., Kenilworth, D. B. Baker, Riverside, and C. R. Hagen, Chicago, Ill., assignors to International Harvester Company. Cotton harvester. 2,352,291; June 27.

Scarzello, Leo, Woodside, J. Nowatius, Elmhurst, Long Island, and M. Bulin, Jackson Heights, assignors to Etched Products Corporation, Long Island City, N. Y. Apparatus for preparing plates for etching. 2,347,511; Apr. 25.

Scates, Graham C., Altadena, Calif. Turret head for drill presses. 2,359,161; Sept. 26.

Scattoloni, Joseph, Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Fluid translating apparatus. 2,338,544; Jan. 4.

Scavullo, Angelo C., New York, assignor to V. K., F. and C. Scavullo, M. S. Saegert and M. S. Scott, Forest Hills, N. Y. Cooking utensil and method. 2,358,104; Sept. 12.

Scavullo, Charles, et al. (See Scavullo, Angelo C., assignor.)

Scavullo, Frank, et al. (See Scavullo, Angelo C., assignor.)

Scavullo, Victor K., et al. (See Scavullo, Angelo C., assignor.)

Schaad, Raymond E. (See Bloch, H. S., and Schaad.) vested in the Alien Property Custodian. Loud-speaker 2,347,799; May 2.

Schaaf, Alexander, Berlin-Charlottenburg, Germany.

Schaaf, John, Buffalo, N. Y. Clarifying liquids. 2,358,736; Sept. 19.

Schaaf, Kurt H., Jamaica, N. Y., and F. D. Pickel, Newark, assignors to National Oil Products Company, Harrison, N. J. Synthesis of amino acids. 2,365,295; Dec. 19.

Schaaff, Louis W., Jackson Heights, assignor to Waldes Koh-I-Noor, Inc., Long Island City, N. Y. Clip. 2,341,121; Feb. 8.

Schaaff, Louis W., Jackson Heights, assignor to Waldes Koh-I-Noor, Inc., Long Island City, N. Y. Chute 2,351,370; June 13.

Schaaff, Louis W., Jackson Heights, assignor to Waldes Koh-I-Noor, Inc., Long Island City, N. Y. Closure for slotlike apertures. 2,353,086; July 4.

Schaafsma, Jan G., Pasadena, Calif., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Removing mercaptan sulphur from petroleum distillate. 2,364,390; Dec. 5.

Schaal, Earl V., East Aurora, assignor to Trico Products Corporation, Buffalo, N. Y. Valve. 2,351,547; June 13.

Schabacker, Henry E., assignor to The Erie Enameling Company, Erie, Pa. Forming tanks. 2,348,696; May 9.

Schachar, David, assignor of one-half to N. Gromer, Brooklyn, N. Y. Making film sheets. 2,353,504; July 11.

Schack, William, Los Angeles, Calif. Clamping runs of cables and the like. 2,348,096; May 2.

Schacht, William F., Huntington, Ind. Combined cattle marker and muzzle chain. 2,345,292; Mar. 28.

Schacht, William F., Huntington, Ind. Cattle marker. 2,345,293; Mar. 28.

Schacht, William F., Huntington, Ind. Cattle marker. 2,346,946; Apr. 18.

Schacht, William F., Huntington, Ind. Cattle marker. 2,354,617; July 25.

Schade, John, assignor to National Blank Book Company, Holyoke, Mass. Ring binder construction. 2,358,662; Sept. 19.

Schade, Karl W., Berlin, Germany; vested in the Alien Property Custodian. Photographic justifying apparatus. 2,356,620; Aug. 22.

Schade, Otto H., West Caldwell, N. J., assignor to Radio Corporation of America. Television transmitting system. 2,344,736; Mar. 21.

Schade, Otto H., West Caldwell, N. J., assignor to Radio Corporation of America. Television viewing screen. 2,351,294; June 13.

Schade, Otto H., West Caldwell, N. J., assignor to Radio Corporation of America. Electronic tube circuit. 2,363,809; Nov. 28.

Schade, Otto H., West Caldwell, N. J., assignor to Radio Corporation of America. Electron discharge device. 2,364,761; Dec. 12.

Schade, Rudolf, Finkenkrug, Osthavelland, Germany; vested in the Alien Property Custodian. Variable resistor. 2,338,458; Jan. 4.

Schade, Willy, assignor to Eastman Kodak Company, Rochester, N. Y. Wide angle lens. 2,350,133; May 30.

Schade, Willy, and K. Tolle, assignors to Eastman Kodak Company, Rochester, N. Y. Photographic objective. 2,346,086; Apr. 4.

Schaefer, Carl A., Whitefish Bay, Wis., assignor to Square D Company, Detroit, Mich. Electric switch. 2,343,807; Mar. 7.

Schaefer, Carl A., Whitefish Bay, Wis., assignor to Square D Company, Detroit, Mich. Electric switch. 2,360,723; Oct. 17.

Schaefer, Edward E., Oak Park, Ill. Cord lock device for Venetian blinds. 2,357,911; Sept. 12.

Schaefer, F. & M., Brewing Company, The. (See Fischer, Louis A., assignor.)

Schaefer, Frank M., assignor to W. G. Pankonin, Chicago, Ill. Pencil sharpener. 2,338,263; Jan. 4.

Schaefer, Frank M., assignor of one-half to W. G. Pankonin, Chicago, Ill. Self-basting pan. 2,342,292; June 27.

Schaefer, Frank M., assignor of one-half to W. G. Pankonin, Chicago, Ill. Mop. 2,365,437; Dec. 19.

Schaefer, Harold W., assignor to The Harry Alter Co., Chicago, Ill. Air conditioning apparatus. 2,362,933; Nov. 14.

Schaefer, Norbert F., assignor to Anderson Box Company, Indianapolis, Ind. Chick box structure. 2,350,932; June 6.

Schaefer, Paul, Des Plaines, Ill. Liquid hydrocarbon fuel burning apparatus. 2,348,422; May 9.

Schaefer, Reinhold A., Rocky Hill, assignor to Hartford-Empire Company, Hartford, Conn. Making self-insulated refractories. 2,364,317; Dec. 5.

Schaefer, Robert. (See Markey, R. I., Herman, and Schaefer.)

Schaefer, Vincent J., Schenectady, N. Y., assignor to General Electric Company. Light-dividing element. 2,352,976; July 4.

Schaeffer, Erich, Burghausen, Germany; vested in the Alien Property Custodian. Producing vinyl chloride. 2,338,459; Jan. 4.

Schaeffers, Joseph. (See Peterson, A. M., and Schaeffers.)

Schaelchlin, Walter, Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Speed control system. 2,338,545; Jan. 4.

Schaerfl, Josef A. (See Kaufman, J. M. S., Krasnow, and Schaerfl.)

Schafer, Charles J., Baltimore, Md. Tool alloy. 2,339,357; Jan. 18.

Schafer, Charles J., Baltimore, Md. High tensile strength, noncorrosive alloy. 2,360,797; Oct. 17.

Schafer, Frank, Oshkosh, Wis., and H. R. Schafer, Duluth, Minn.; said H. R. Schafer assignor to said F. Schafer. Fuel control apparatus. 2,358,255; Sept. 12.

Schafer, Herman R. (See Schafer, Frank and H. R.)

Schäfer, Kurt, Berlin-Eichkamp, Germany, assignor to Edward G. Budd Manufacuring Company. Vehicle body. 2,356,008; Aug. 15.

Schaffer, Fred B., Kansas City, Mo. Golf club. 2,346,617; Apr. 11.

Schaffer, Lewis A., Los Angeles, Calif. Noncrushable kit construction. 2,353,932; July 18.

Schaich, Wilbur A. (See Broga, W. C., and Schaich.)
Schaich, Wilbur A., Springfield, Mass. Sight. 2,356,182; Aug. 22.
Schairer, George S. (See Allen, E. T., and Schairer.)
Schane, Edward H., Lakewood, assignor to The Fanner Manufacturing Company, Cleveland, Ohio. Electrically operated awning. 2,347,845; May 2.
Schank, Harry E. (See Onishi, G. E., and Schank.)
Schanstra, Hendrick L., Hazel Park, assignor to General Motors Corporation, Detroit, Mich. Turnover device. 2,342,014; Feb. 15.
Schaper, Harry C., Buffalo, N. Y. Power transmission belt. 2,346,510; Apr. 11.
Scharenberg, Elmer M., Everett, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Building form. 2,360,899; Oct. 24.
Scharer, Harry, Brooklyn, N. Y. Detecting enzyme activity. 2,359,052; Sept. 26.
Scharf, Michael M. (See Cohn, Martin M., assignor.)
Scharfnagel, Rudolf, Stuttgart, Germany; vested in the Alien Property Custodian. Electron tube. 2,348,852; May 16.
Scharfnagel, Rudolf, Stuttgart, Germany; vested in the Alien Property Custodian. Molten glass extruding apparatus. 2,350,829; June 6.
Scharnberg, Herman J. B., deceased, Clewiston, Fla., by M. M. Scharnberg, Staten Island, N. Y., executrix, assignor to herself. Sugar cane mill. 2,340,228; Jan. 25.
Scharnberg, Herman J. B., deceased; by M. M. Scharnberg, Clewiston, Fla., executrix, assignor to herself. Liquid treating and anti-short-circuiting device. 2,355,397; Aug. 8.
Scharnberg, Marie M., executrix. (See Scharnberg, Herman J. B.)
Scharpenberg, Ewald, and H. Bönnhoff, Wetter, Ruhr, Germany; vested in the Alien Property Custodian. Grab for hoisting loads. 2,352,017; June 20.
Scharringhausen, Paul J., and C. P. Zipper, Des Plaines, Ill. Washer. 2,359,875; Oct. 10.
Schat, Ane P., Utrecht, Netherlands; vested in the Alien Property Custodian. Ship's davit of the gravity type. 2,352,018; June 20.
Schatz, Joseph M., et al. (See Mott, William P., assignor.)
Schatzman, George W. (See Ferguson, A. P., and Schatzman.)
Schatzman, Robert C., assignor to Lovell-Dressel Co., Inc., Arlington, N. J. Socket for switch signal lamps. 2,363,265; Nov. 21.
Schaub, Jacob, Westfield, N. J., assignor, by mesne assignments, to The Best Foods, Inc., New York, N. Y. Method and apparatus for producing solid fatty food products. 2,339,883; Jan. 25.
Schauble, Otto C., Mount Kisco, assignor to The Lummus Company, New York, N. Y. Oil heater. 2,363,266; Nov. 21.
Schauble, Otto C., Mount Kisco, assignor to The Lummus Company, New York, N. Y. Diffusion baffle for oil heaters. 2,363,267; Nov. 21.
Schauer, Lawrence L., Wyoming, assignor to The Cincinnati Bickford Tool Company, Cincinnati, Ohio. Supplemental counterbalance. 2,364,318; Dec. 5.
Schaufelberger, William F. (See Caplan, S., and Schaufelberger.)
Schaffler, Goodrich C., and R. C. Shoemaker, Portland, Oreg. Scrubbing. 2,345,294; Mar. 28.
Schaumann, Bruno A., Milwaukee, Wis. Hydrocarbon burner. 2,348,333; Apr. 11.
Schaweker, George H., assignor to American Optical Company, Southbridge, Mass. Face shield. 2,363,557; Nov. 28.
Schechter, Milton S., and H. L. J. Haller, Washington, D. C. Defrosting and frost prevention. 2,342,759; Feb. 29.
Schechter, Milton S., and H. L. J. Haller, Washington, D. C. Defrosting and frost prevention. 2,343,246; Mar. 7.
Scheele, Charles C., assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Rubber valve. 2,343,584; Mar. 7.
Scheer, Joseph L., Cynwyd, Pa. Work support. 2,359,249; Sept. 26.
Scheerer, Walter, and K. Locklair, Berlin-Lichterfelde-Ost, Germany, assignors to International Business Machines Corp., New York, N. Y. Accounting machine. 2,349,171; May 2.
Scheg, Marcian A., assignor to General Railway Signal Company, Rochester, N. Y. Coded track circuit signaling system. 2,355,334; Aug. 8.
Scheibe, Alfred. Dessau-Ziebigk, Germany; vested in the Alien Property Custodian. Piston. 2,344,416; Mar. 14.
Scheid, Louis J., assignor to Watervliet Paper Company, Watervliet, Mich. Paper pulp stock washer. 2,355,243; Aug. 8.
Scheihing, George, Morning Sun, Iowa. Hay stacker. 2,342,015; Feb. 15.
Scheineman, Fred W., assignor to Standard Oil Company, Chicago, Ill. Catalytic hydrocarbon conversion system. 2,341,193; Feb. 8.
Scheineman, Fred W., assignor to Standard Oil Company, Chicago, Ill. Catalytic conversion system. 2,353,505; July 11.
Scheldorf, Marvel W., Schenectady, N. Y., assignor to General Electric Company. Self-compensating video antenna. 2,352,977; July 4.
Scheldorf, Ranald D. (See Schrader, H. J., and Scheldorf.)
Scheler, Emil, Vegesack, near Bremen, and A. K. Rehrbach, deceased, Bremen-Oberneuland, by G. Eckard, Bremen, Germany, administrator; vested in the Alien Property Custodian. Aircraft wing. 2,355,681; Aug. 15.
Schell, John P. R., Hollywood, Fla. Package and forming same. 2,361,876; Oct. 31.
Schell, John P. R., Harpersville, Ala. Package. 2,361,877; Oct. 31.
Schellenberg, Albert, Joliet, Ill. Rinsing soap from washed clothing. 2,351,295; June 13.
Schellenberg, Albert, Joliet, Ill. Rinse wringer. 2,358,256; Sept. 12.
Schellenger, Newton C., El Paso, Tex., and W. H. Budd, assignors to Chicago Telephone Supply Company, Elkhart, Ind. Tab mounting variable resistor. 2,352,454; June 27.
Scheller, Arthur P., Irvington, N. J., assignor to The Linde Air Products Company. Nozzle for desurfacing metal. 2,353,318; July 11.
Scheller, Henry, New York, N. Y. Focus drawing scale. 2,350,068; May 30.
Schellings, Cornelius J., South Bend, assignor to Mishawaka Rubber and Woolen Manufacturing Company, Mishawaka, Ind. Porous rubber cleansing article. 2,341,818; Feb. 15.
Schelly, Cyril G., Webster Groves, assignor to Business Collaborators, Inc., St. Louis, Mo. Filter. 2,348,651; May 9.
Schelter Last Co. (See Mutch, James B., assignor.)
Schenk, Erich F. T. (See Schettler, C., and Schenk.)
Schenk, Tamis C., Richmond Hill, N. Y. Device for producing potable water from sea water. 2,342,062; Feb. 15.
Schenley Distillers Corporation. (See Kiefer, C. J., and Monohan, assignors.)
Schepman, Willis G., Indianapolis, Ind., assignor to Union Carbide and Carbon Corporation. Acetylene generator. 2,344,564; Mar. 21.
Schepmoes, Lindsley, New Haven, Conn., assignor to The Safety Car Heating and Lighting Company, Inc. Fluorescent lighting fixture. 2,348,930; May 16.
Schepmoes, Lindsley, New Haven, Conn., assignor to The Safety Car Heating and Lighting Company, Inc. Fluorescent lighting fixture. 2,352,804; July 4.
Scheppa, Julius, Dallas, Tex. Dispensing device. 2,341,950; Feb. 15.
Scherbatskoy, Serge A., Tulsa, Okla. Phonograph. 2,357,026; Aug. 29.
Scherbatskoy, Serge A. G. Swift, R. E. Fearon, and J. Neufeld, assignors to Well Surveys, Incorporated, Tulsa, Okla. Well logging instrument. 2,349,225; May 16.
Scherer, Otto, Frankfort-on-the-Main, Germany, assignor to General Aniline & Film Corporation, New York, N. Y. Anthraquinones containing trifluoro methyl groups and preparing them. 2,347,846; May 2.
Scherer, Otto, and F. Dostal, Frankfort-on-the-Main, and K. Dachlauer, Hofheim in Taunus, Germany; vested in the Alien Property Custodian. Preparing monochloromonobromomethane and dibromomethane. 2,347,000; Apr. 18.
Scherer, Robert P., Detroit, Mich. Forming and filling capsules. 2,339,114; Jan. 11.
Scherer, Robert P., Detroit, Mich. Machine for and packaging capsules. 2,339,115; Jan. 11.
Scherer, Robert P., Detroit, Mich. Capsule. 2,342,372; Feb. 22.
Scherer, Robert P., assignor, by mesne assignments, to Gelatin Products Corporation, Detroit, Mich. Capsulating machine. 2,356,436; Aug. 22.
Scherer, Robert P., assignor, by mesne assignments, to Gelatin Products Corporation, Detroit, Mich. Food preparation. 2,358,598; Sept. 19.
Scherer, Robert P., assignor, by mesne assignments, to Gelatin Products Corporation, Detroit, Mich. Making feeder heads. 2,362,410; Nov. 7.
Schering Corporation. (See Allardt, H.-G., and Junkmann, assignors.)
Schering Corporation. (See Butenandt, Adolf, assignor.)
Schering Corporation. (See Butenandt, A., Schmidt-Thome, and Schwenk, assignors.)
Schering Corporation. (See Butenandt, A., and Strassberger, assignors.)
Schering Corporation. (See Dohrn, M., and Diedrich, assignors.)
Schering Corporation. (See Dohrn, M., and Laubereau, assignors.)
Schering Corporation. (See Fleischer, G. A., and Schwenk, assignors.)
Schering Corporation. (See Inhoffen, Hans H., assignor.)
Schering Corporation. (See Inhoffen, H. H., Butenandt, and Schwenk, assignors.)
Schering Corporation. (See Junkmann, K., and Tschesche, assignors.)
Schering Corporation. (See Köster, Heinrich, assignor.)
Schering Corporation. (See Logemann, W., and Dannebaum, assignor.)
Schering Corporation. (See Mamoli, Luigi, assignor.)
Schering Corporation. (See Putter, Erich, assignor.)

Schering Corporation. (See Tschesche, R., and Böhle, assignors.)
Schering Corporation. (See Vonkennel, J., and Kimmig, assignors.)
Scherl, Egon B., Niagara Falls, N. Y., to The Linde Air Products Company. Welding process and apparatus. 2,363,089; Nov. 21.
Schettler, Charles, and E. F. T. Schenk, Miami, Fla. Color photography. 2,339,951; Jan. 25.
Schettler, Charles, and E. F. T. Schenk, Miami, Fla. Color photography. 2,353,506; July 11.
Schettler, Theodore W., Jr., Detroit, Mich. Collapsible baby bed. 2,345,295; Mar. 28.
Schetty, Guido, assignor to the Swiss firm of J. R. Geigy A. G., Basel, Switzerland. Derivative of naphthosultones and their manufacture. 2,359,730; Oct. 3.
Scheu, Henrietta, et al., executors. (See Scheu, William C.)
Scheu Products Company, Ltd. (See Mahlstedt, John F., assignor.)
Scheu Products Company, Ltd. (See Scheu, William C., assignor.)
Scheu, W. Leland, et al., executors. (See Scheu, William C.)
Scheu, William C., deceased, Upland, Calif., H. Scheu, W. Leland Scheu and C. H. Dekker, executors, assignors to Scheu Products Company, Ltd. Draft regulator for orchard heaters. 2,341,819; Feb. 15.
Scheu, William C., deceased, Upland, Calif., Henrietta Scheu, W. Leland Scheu, and C. H. Dekker, executors, assignors to Scheu Products Company, Ltd. Draft regulator for orchard heaters. 2,350,830; June 6.
Scheu, William C., deceased, Upland, Calif.; H. Scheu, W. L. Scheu, and C. H. Dekker, executors, assignors to Scheu Products Company, Ltd. Orchard heater. 2,358,033; Sept. 12.
Schenermann, Arno. (See Meisenheimer, K., and Scheuermann.)
Scheuermann, Leonhard N., and G. B. Pecot, New Orleans, La. Method and article for cleaning oil wells and the like. 2,352,806; July 4.
Scheuing, Georg, and E. Walach, Ingelheim-on-the-Rhine, Germany; vested in the Alien Property Custodian. Production of analgetically active tetrahydronaphthols. 2,352,020; June 20.
Scheyer, Emanuel, Brooklyn, N. Y. Heat reflective material. 2,357,851; Sept. 12.
Schibi, Leo, St. Charles, Mo. Shoe arch appliance. 2,363,151; Nov. 21.
Schibler, Luzius. (See Enderlin, F., and Schibler.)
Schick, Frederick A., Springfield, Ill., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Track roller seal. 2,358,830; Sept. 26.
Schick, Herbert M., San Francisco, Calif. Airplane body construction. 2,351,152; June 13.
Schick Incorporated. (See Purves, W. F., and Harris, assignors.)
Schick Incorporated. (See Verschuyl, Jan, assignor.)
Schiel, Gottlieb, A., and G. P. Beren, assignors of one-third to M. E. Anderson, Denver, Colo. Beet thinner. 2,363,268; Nov. 21.
Schieman, Gustave, Bronx, N. Y., assignor to International Plastic Corporation, Morristown, N. J. Continuous method for producing adhesive tape. 2,347,643; May 2.
Schieman, Gustave, Bronx, N. Y., assignor to International Plastic Corporation, Morristown, N. J. Repellant roll for handling adhesive sheets. 2,353,789; July 18.
Schieman, Gustave, Bronx, N. Y., assignor to International Plastic Corporation. Pressure sealing paper tape. 2,358,831; Sept. 26.
Schieman, Gustave, Bronx, N. Y., assignor to International Plastic Corporation, Morristown, N. J. Translucent fiber tissue pressure-sensitive adhesive tape. 2,364,001; Nov. 28.
Schieman, Gustave, Bronx, N. Y., assignor to International Plastic Corporation, Chicago, Ill. Pressure sealing membrane. 2,364,875; Dec. 12.
Schieren, Chas A., Company. (See Schieren, George A., assignor.)
Schieren, Charles A., Company. (See Schieren, George A., Jr., assignor.)
Schieren, George A., Great Neck, assignor to Chas. A. Schieren Company, New York, N. Y. Belt splicing mechanism. 2,355,112; Aug. 8.
Schieren, George A., Jr., Bristol, Tenn., assignor to Charles A. Schieren Company, New York, N. Y. Belting. 2,355,113; Aug. 8.
Schiermeier, Knapel F., Alton, Ill., assignor to Shell Development Company, San Francisco, Calif. Rust-preventive compositions. 2,359,738; Oct. 10.
Schiewe, Edward A., assignor to Industrial Patents Corporation, Chicago, Ill. Smoke oven. 2,342,373; Feb. 22.
Schiffer, Milton H. (See Welti, Edward, assignor.)
Schiff, Charles, Montclair, N. J. Electroplated bearing element. 2,352,346; June 27.
Schifter, Joseph, New York, N. Y., assignor to Columbia Blindstitch Machine Co., Inc. Machine for necktie manufacture. 2,359,333; Oct. 3.
Schilb, Theodore W. (See Moss, H. V., and Schilb.)
Schilb, Theodore W., Kirkwood, Mo., assignor to Monsanto Chemical Company. Mineral supplement. 2,365,438; Dec. 19.
Schild, Heinz. (See Orthner, L., Balle, and Schild.)
Schilgen, Friedrich. (See Leifer, A., and Schilgen.)
Schill, Bernard J., Rockford, Ill., assignor to J. I. Case Company, Racine, Wis. Grain drill. 2,346,459; Apr. 11.
Schillberg, Frank W., assignor to Auto-Ordnance Corporation, Bridgeport, Conn. Toolholder. 2,341,659; Feb. 15.
Schillberg, Frank W., assignor to Auto-Ordnance Corporation, Bridgeport, Conn. Tool and holder therefor. 2,341,660; Feb. 15.
Schillberg, Frank W., assignor to Auto-Ordnance Corporation, Bridgeport, Conn. Tool and holder therefor. 2,341,661; Feb. 15.
Schille, Jacob L. (See Borkowski, C. J., and Schille.)
Schiller, Harold, Los Angeles, Calif., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Treatment of fabrics with metallic soaps. 2,364,391; Dec. 5.
Schilling, Albert A., Stratford, and T. B. Curran, Bridgeport, Conn., assignors to Remington Arms Company, Inc. Lubricant. 2,350,570; June 6.
Schilling, Albert A., Stratford, and T. B. Curran, Bridgeport, Conn., assignors to Remington Arms Company, Inc. Lubricant. 2,350,571; June 6.
Schilling, Lorell J., Brookfield, Ill., assignor to Babson Bros. Co. Insulator mounting. 2,350,420; June 6.
Schilling, Ottmar, Greifenstein-on-the-Danube, Germany; vested in the Alien Property Custodian. Tool for cutting grooves. 2,338,972; Jan. 11.
Schillinger, Willy A. (See Blair, W. P., and Schillinger.)
Schilthuis, Jan J. (See Jacokes, J. W., Schilthuis, and Thurmond.)
Schimel, Abe, New York, N. Y. Holder for metal wool. 2,364,319; Dec. 5.
Schimmel, Moe, New York, N. Y. Tape cutting machine. 2,354,293; July 25.
Schimmel, Moe, New York, N. Y. Tape cutting machine. 2,354,294; July 25.
Schimpf, Marie E., St. Louis, Mo. Inflatable pessary. 2,365,296; Dec. 19.
Schindler, Hans. (See Agruss, M. S., and Schindler.)
Schinzel, Karl, Zurich, Switzerland, assignor to Eastman Kodak Company, Rochester, N. Y. Phenolic and naphtholic couplers containing sulphonamide groups. 2,356,475; Aug. 22.
Schirgun Corporation. (See Schirokauer, Henry, assignor.)
Schiring, Ralph C. (See Goldfield, E. R., Schiring, and Stava.)
Schirm, Erik. (See Hentrich, W., Schirm, and Engelbrecht.)
Schirm, Erik, Dessau, Germany; vested in the Alien Property Custodian. Tanning agents and making them 2,365,599; Dec. 19.
Schirm, Erik, Dessau, Germany, assignor, by mesne assignments, to The Hydronaphthane Corporation, Wilmington, Del. Manufacture of p-nitroaryl-disulphimides. 2,348,226; May 9.
Schirm, Erik, Dessau, Germany, assignor, by mesne assignments, to The Hydronaphthene Corporation, Wilmington, Del. Producing condensation products. 2,355,114; Aug. 8.
Schirmer, Edward, New York, N. Y. Combination bath cloth, soap pad, and massager. 2,363,697; Nov. 28.
Schirokauer, Henry, New York, N. Y., assignor to Shirgun Corporation. Gun barrel lock. 2,345,833; Apr. 4.
Schirokauer, Henry, New York, N. Y., assignor to Schirgun Corporation. Gun. 2,353,118; July 4.
Schirra, Oliver E., Garfield Heights, Ohio. Window shield. 2,354,443; July 25.
Schissel, Louis. (See Wigod, Simon, assignor.)
Schissler, Joseph, New York, N. Y. Cigarette receptacle. 2,340,618; Feb. 1.
Schivek, Anne I., Pearl River, assignor to Lederle Laboratories, Inc., New York, N. Y. Recovering biotin. 2,359,443; Oct. 3.
Schjolin, Hans O., Pontiac, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Converter construction and control. 2,341,163; Feb. 8.
Schjotz, Harold N., Detroit, Mich. Safety razor. 2,342,558; Feb. 22.
Schlaanstine, Raymond F., Kennett Square, Pa., assignor to Hercules Powder Company, Wilmington, Del. Saturating felted fibrous material. 2,346,947; Apr. 18.
Schlaanstine, Raymond F., Kennett Square, Pa., assignor to Hercules Powder Company, Wilmington, Del. Mastic floor tile compositions. 2,362,934; Nov. 14.
Schlack, Paul, Berlin-Treptow, Germany; vested in the Alien Property Custodian. Materials from high molecular polyamides. 2,342,823; Feb. 29.
Schlack, Paul, Berlin-Treptow, Germany; vested in the Alien Property Custodian. Nitrogenous condensation products. 2,343,808; Mar. 7.
Schlack, Paul, Berlin-Treptow, Germany; vested in the Alien Property Custodian. Manufacture of cyclic amidines. 2,356,622; Aug. 22.
Schlack, Paul, Berlin-Treptow, Germany; vested in the Alien Property Custodian. Production of synthetic linear condensation polyamides. 2,356,702; Aug. 22.

Schladt, George J., Dover, N. J., assignor to Government of the United States of America, as represented by the Secretary of War and his successors in office. Pyrotechnic compositions. 2,362,502; Nov. 14.
Schlage Lock Company. (See Sears, Joseph N., assignor.)
Schlage Lock Company. (See Schlage, Walter R., assignor.)
Schlage, Walter R., Burlingame, Calif. Door lock. 2,339,725; Jan. 18.
Schlage, Walter R., Burlingame, Calif. Door lock. 2,355,682; Aug. 15.
Schlage, Walter R., Burlingame, assignor to Schlage Lock Company, San Francisco, Calif. Door lock. 2,346,618; Apr. 11.
Schlage, Walter R., Burlingame, assignor to Schlage Lock Company, San Francisco, Calif. Door lock. 2,357,551; Sept. 5.
Schlage, Walter R., Burlingame, assignor to Schlage Lock Company, San Francisco, Calif. Lock structure. 2,357,552; Sept. 5.
Schlegel, Fritz, Duesseldorf, Germany, assignor, by mesne assignments, to The Procter & Gamble Company, Cincinnati, Ohio. Polyglycol ethers of higher secondary, monohydric alcohols. 2,355,823; Aug. 15.
Schlegel, John W., and L. Lang, New York, N. Y., assignors to The National Sugar Refining Company, Edgewater, N. J. Sugar granule manufacture. 2,347,288; Apr. 25.
Schlegel, Walter A. (See Luersen, G. V., and Schlegel.)
Schleicher, Carl, assignor to Threefold Corporation, New York, N. Y. Surface coating apparatus. 2,339,952; Jan. 25.
Schleier, Sylvester T., St. Louis, Mo. Minnow trap. 2,361,321; Oct. 24.
Schlenker, Max E., Peru, Ill., assignor to General Time Instruments Corporation, New York, N. Y. Alarm clock. 2,360,589; Oct. 17.
Schlenker, Max E., Peru, Ill., assignor to General Time Instruments Corporation, New York, N. Y. Clock. 2,361,128; Oct. 24.
Schlenk, Harry E., Glencoe, and C. B. Cox, assignors to Pacific Flush Tank Company, Chicago, Ill. Treating supernatant liquor. 2,359,004; Sept. 26.
Schlenzig, Benhardt, Philadelphia, Pa. Forming die. 2,339,032; Jan. 11.
Schlesinger, Joseph H., assignor to Eagel Chemical Co., New York, N. Y. Liquid dispenser. 2,363,474; Nov. 21.
Schlesinger, Kurt, Berlin, Germany; vested in the Alien Property Custodian. Cathode ray tube. 2,348,863; May 16.
Schlesinger, Kurt, West Lafayette, Ind., assignor to Radio Corporation of America. Synchronizing signal generator. 2,350,536; June 6.
Schlesinger, Ralph M., Brooklyn, N. Y. Game board. 2,344,737; Mar. 21.
Schlesman, Carleton H., Camden, and J. H. McCracken, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Treatment of hydrocarbon fractions. 2,356,357; Aug. 22.
Schlichting, Otto, and K. Klager, Ludswigshafen-on-the-Rhine, Germany; vested in the Alien Property Custodian. Esters of alcohols of the acetylene series. 2,344,701; Feb. 1.
Schlieben, Ernest W., Scarsdale, and W. Friedman, assignors to York Research Corporation, New York, N. Y. Computer for aircraft load distribution. 2,365,494; Dec. 19.
Schlitters, Michael J., East Detroit, Mich. Shaving tool. 2,364,320; Dec. 5.
Schlittler, Emil. (See Hartmann, M., and Schlittler.)
Schlobohm, Ludwig, and A. J. Farrar, assignors to The Van Dorn Iron Works Company, Cleveland, Ohio. Neck seal for artificial respirators. 2,362,935; Nov. 14.
Schlorman, Herman, Los Angeles, Calif. Tilt back swivel chair. 2,339,953; Jan. 25.
Schlosser, Paul H., K. R. Gray, and E. G. Hallonquist, Shelton, Wash., assignors to Rayonier Incorporated, San Francisco, Calif. Improving the processing of refined chemical pulps into viscose by adding anion active agents. Re. 22,459; May 30.
Schlosser, Paul H., and K. R. Gray, assignors to Rayonier Incorporated, Shelton, Wash. Production of cellulosic products. 2,362,217; Nov. 7.
Schlumberger, Marcel, Saint Gaudens, Haute Garonne, France; vested in the Alien Property Custodian. Switching mechanism for bore hole apparatus. 2,343,087; Feb. 29.
Schlumberger, Marcel, Haute-Garonne, France, assignor, by mesne assignments, to Schlumberger Well Surveying Corporation, Houston, Tex. Depth measuring apparatus. 2,361,044; Oct. 24.
Schlumberger, Marcel, Paris, France, assignor, by mesne assignments, to Schlumberger Well Surveying Corporation, Houston, Tex. Sealing bore hole casings. 2,363,269; Nov. 21.
Schlumberger Well Surveying Corporation. (See Doll, Henri G., assignor.)
Schlumberger Well Surveying Corporation. (See Doll, Henri-Georges, assignor.)
Schlumberger Well Surveying Corporation. (See Lebourg, Maurice P., assignor.)
Schlumberger Well Surveying Corporation. (See Schlumberger, Marcel, assignor.)
Schlumberger Well Surveying Corporation. (See Segesman, Francis F., assignor.)
Schlumbohm, Peter, New York, N. Y., assignor of one-half to I. Harter, Akron, Ohio. Filtering and decanter device. 2,359,943; Oct. 10.
Schlumpf, Walter, Fanwood, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Material working apparatus. 2,339,884; Jan. 25.
Schlup, Ernest G. (See Hudson, E. B., and Schlup.)
Schmals, William F., Rockville, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Jewel. 2,354,067; July 18.
Schmeisser, Hugo, Suhl, Germany; vested in the Alien Property Custodian. Blank ammunition firing attachment for automatic guns. 2,356,535; Aug. 22.
Schmelz, John J., Contra Costa County, Calif. Bridle. 2,347,752; May 2.
Schmerling, Louis. (See Ipatieff, V. N., and Schmerling.)
Schmerling, Louis, assignor to Universal Oil Products Company, Chicago, Ill. Synthesis of toluene. 2,338,973; Jan. 11.
Schmerling, Louis, assignor to Universal Oil Products Company, Chicago, Ill. Destructive hydrogenation of hydrocarbon oils. 2,344,789; Mar. 21.
Schmerling, Louis, assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,348,701; May 9.
Schmerling, Louis, assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,353,766; July 18.
Schmerling, Louis, and V. N. Ipatieff, assignors to Universal Oil Products Company, Chicago, Ill. Hydrogenation of hydrocarbon materials. 2,348,702; May 9.
Schmerling, Louis, and V. N. Ipatieff, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,349,834; May 30.
Schmerling, Louis, Chicago, Ill., and A. M. Durinski, Brooks Field, Tex., assignors to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 2,350,828; June 6.
Schmerling, Louis, and A. M. Durinski, assignors to Universal Oil Products Company, Chicago, Ill. Alkylation of aromatic hydrocarbons. 2,357,978; Sept. 12.
Schmerling, Louis, and V. N. Ipatieff, assignors to Universal Oil Products Company, Chicago, Ill. Alkylation of aromatic hydrocarbons. 2,361,065; Oct. 24.
Schmerling, Louis, and A. M. Durinski, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of aromatic hydrocarbons. 2,364,762; Dec. 12.
Schmid, Julius, Inc. (See Fingado, G. A., and Ludwig, assignors.)
Schmid, Otto. (See Conzetti, A., and Schmid.)
Schmid, Walter, Wolfen, Kreis Bitterfeld, and K. H. Schuh, Bitterfeld, Germany; vested in the Alien Property Custodian. Dialysing diaphragm. 2,339,885; Jan. 25.
Schmid, Walther. (See Moschel, W., Forst, and Schmid.)
Schmidling, Gilbert T., New York, N. Y. Phosphorescent device. 2,360,516; Oct. 17.
Schmidt, August, Jr., Niskayuna, and C. C. Herskind, Schenectady, N. Y., assignors to General Electric Company. Electric valve control circuit. 2,348,652; May 9.
Schmidt, August J., Glendale, and J. Jackson, Brooklyn, N. Y., assignors to American Machine & Foundry Company. End labeling process and apparatus. 2,349,309; May 23.
Schmidt, Benjamin F., Los Angeles, Calif., assignor to Adel Precision Products Corp. Conduit supporting clip. 2,355,115; Aug. 8.
Schmidt, Charles L. (See Kingsbury, F. L., and Schmidt.)
Schmidt, Edwin X., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Method of and apparatus for controlling the mixing of combustible gases. 2,349,521; May 23.
Schmidt, Eugene. (See Ibbotson, E. D., and Schmidt.)
Schmidt, Francis M., North Tonawanda, and G. G. Smith, deceased, by M. Shandrew, administratrix, Kenmore, N. Y., assignors to The Rudolph Wurlitzer Company, Cincinnati, Ohio. Remote control apparatus. 2,346,238; Apr. 11.
Schmidt, Francis M., North Tonawanda, and G. G. Smith, Kenmore, N. Y., assignors to The Rudolph Wurlitzer Company, Cincinnati, Ohio. Remote control apparatus. 2,348,312; May 9.
Schmidt, Fritz. (See Anschütz, R., and Schmidt.)
Schmidt, Gottfried J., Pearl River, N. Y., assignor to Bowling Patents Management Corporation. Pin setting apparatus for bowling alleys. 2,346,189; Apr. 11.
Schmidt, Harlow L., Milwaukee, Wis., and B. T. Hendrickson, Chicago, Ill.; said Schmidt assignor to The Heil Co., Milwaukee, Wis. Fairlead device for winding drums. 2,344,417; Mar. 14.
Schmidt, Henry F., Lansdowne, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Hydraulic brake apparatus. 2,341,122; Feb. 8.
Schmidt, Henry F., Lansdowne, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Hyraulic apparatus. 2,350,933; June 6.
Schmidt, Henry F., Lansdowne, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Thrust bearing. 2,362,667; Nov. 14.

Schmidt, Hermann H., Hanover, Kans., assignor to The Universal Royalty and Development Company, St. Joseph, Mo. Apparatus for making molasses feeds and similar materials. 2,351,070; June 13.
Schmidt, Hermann H., Hanover, Kans., assignor to The Universal Royalty and Development Company, St. Joseph, Mo. Making feed products. 2,351,071; June 13.
Schmidt, Hermann H., Hanover, Kans., assignor to The Universal Royalty and Development Company, St. Joseph, Mo. Producing vaporous mixtures containing air. 2,351,072; June 13.
Schmidt, John A., assignor to The Standard Register Company, Dayton, Ohio. Writing machine. 2,345,008; Mar. 28, 1944.
Schmidt, John H. (See Gliss, G. E., and Schmidt.)
Schmidt, John N., Chicago, and K. E. Grossnickle, Flossmoor, assignors to Armour and Company, Chicago, Ill. Hectograph device. 2,339,522; Jan. 18.
Schmidt, Leon H., and H. B. Hughes, assignors to The Elizabeth Gamble Deaconess Home Association, Cincinnati, Ohio. Converging hydroxysteroids to ketosteroids. 2,360,447; Oct. 17.
Schmidt, Lloyd K. (See Loucks, C. A., and Schmidt, assignors.)
Schmidt, Otto W., Kansas City, Mo., and F. L. Carswell, Johnson County, Kans. Culvert. 2,343,029; Feb. 29.
Schmidt, Paul, Solingen, Germany; vested in the Alien Property Custodian. Master cylinder unit. 2,338,974; Jan. 11.
Schmidt, Paul, Wytheville, Va., assignor to Textile Machine Works, Wyomissing, Pa. Elimination of the cumulative effect of expansion and contraction in knitting machines and the like. 2,357,361; Sept. 5.
Schmidt, Walter. (See Pohl, F. J., and Schmidt.)
Schmidt-Thomé, Josef. (See Butenandt, A., Schmidt-Thomé, and Schwenk.)
Schmied, James W., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Armored conductor structure. 2,338,304; Jan. 4.
Schmied, Joseph M., assignor to Skilsaw, Inc., Chicago, Ill. Clutch for portable power-driven tools. 2,338,358; Jan. 4.
Schmied, Orville K., Upper Montclair, N. J., assignor to Reynolds Research Corporation, New York, N. Y. Wrapping material. 2,359,250; Sept. 26.
Schmieg, Francis A., Franklin Village, assignor to Schmieg Industries, Detroit, Mich. Apparatus for removing foreign material from air. 2,347,334; Apr. 25.
Schmieg Industries. (See Schmieg, Francis A., assignor.)
Schmitt, Arthur J., Chicago, Ill., assignor to D. B. Alexander, C. V. Wisner, Jr., and J. F. Mannion, trustees of The Arthur J. Schmitt Foundation. Mounting means. 2,352,126; June 20.
Schmitt, Arthur J., Foundation, The. (See Schmitt, Arthur J., assignor.)
Schmitt, Carl, Leipzig, Germany; vested in the Alien Property Custodian. Lifting jack for motor vehicles. 2,356,623; Aug. 22.
Schmitt, George P., New York, N. Y. Holder or cup for catalytic lighters. 2,356,356; Aug. 22.
Schmitt, Herman, Sheboygan, Wis. Searchlight attachment for gun sights. 2,340,253; Jan. 25.
Schmitt, John A., Milwaukee, assignor to The Universal Milking Machine Company, Waukesha, Wis. Milking apparatus. 2,361,970; Nov. 7.
Schmitt, John A., Milwaukee, and L. F. Bender, assignors to The Universal Milking Machine Company, Waukesha, Wis. Milking apparatus. 2,340,297; Feb. 1.
Schmitt, John A., Milwaukee, and L. F. Bender, Waukesha, assignor to The Universal Milking Machine Company, Waukesha, Wis. Pulsator. 2,363,558; Nov. 28.
Schmitt, Joy B., assignor to The De Vilbiss Company, Toledo, Ohio. Vaporizer. 2,363,365; Nov. 21.
Schmitt, Joy B., and W. R. Dodds, assignors to The DeVilbiss Company, Toledo, Ohio. Atomizer. 2,357,979; Sept. 12.
Schmitt, Karl, Stuttgart-Degerloch, Germany; vested in the Alien Property Custodian. Electrical distribution system for vehicles. 2,338,460; Jan. 4.
Schmitt, Otto A., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Can body feeding means; 2,346,511; Apr. 11.
Schmitt, Otto A., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Container body and end closure feeding mechanism. 2,354,068; July 18.
Schmitt, William H., St. Paul, Minn. Window bracket. 2,348,654; May 9.
Schmitt, William H., St. Paul, Minn. Hair curler. 2,353,366; July 11.
Schmitter, Walter P., Wauwatosa, assignor to The Falk Corporation, Milwaukee, Wis. Fluid pressure clutch. 2,354,174; July 18.
Schmitter, Walter P., Wauwatosa, assignor to The Falk Corporation, Milwaukee, Wis. Power transmission. 2,361,357; Oct. 24.
Schmitz, Anton W. (See Starie, G. B., and Schmitz.)
Schmitz-Hillebrecht. (See Hagedorn, M., and Schmitz-Hillebrecht.)
Schmitz, William L., Jr., Los Angeles, Calif. Diaphragm pessary introducer. 2,338,135; Jan. 4.
Schmitz, William R., Jr., Richmond, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Screw press. 2,360,984; Oct. 24.
Schmitz, William R., Jr., Richmond, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of alkali metal cellulose xanthate. 2,364,392; Dec. 5.
Schmued, Edgar, assignor to North American Aviation, Inc., Inglewood, Calif. Bomb control mechanism. 2,363,750; Nov. 28.
Schnaars, David R., New Hyde Park, N. Y. Wear compensating thread gauge. 2,353,626; July 11.
Schnable, Albert E., Ocean Grove, N. J. Routing machine. 2,350,704; June 6.
Schnabolk, Samuel, Paterson, N. J. Stud setting and removing tool. 2,351,232; June 13.
Schnaidt, John R., Shafter, Calif. Plant chopper. 2,359,005; Sept. 26.
Schnarz, Richard, Berlin-Siemensstadt, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Spot welder. 2,340,083; Jan. 25.
Schnedarek, Emil F., assignor, by mesne assignments, to The Akron Standard Mold Company, Akron, Ohio. Tire building drum. 2,353,767; July 18.
Schnedler, Louis H., administrator. (See Parkins, Ray F., assignor.)
Schneeman, Justin G., Los Angeles, Calif. Making industrial radiographs. 2,356,358; Aug. 22.
Schnegg, Robert, Dormagen, Germany; vested in the Alien Property Custodian. Dyeing cellulose esters. 2,347,001; Apr. 18.
Schneider, Arnold. (See Linke, J., and Schneider.)
Schneider, Benjamin B. (See Podbielniak, Walter J., assignor.)
Schneider, Charles G., Wauwatosa, assignor to J. Laskin & Sons Corp., Milwaukee, Wis. Treatment of pelts. 2,359,444; Oct. 3.
Schneider, Edward J., Bellerose, N. Y. Jacob's ladder. 2,365,012; Dec. 12.
Schneider, Edward J., assignor to J. B. and N. B. Salterini, co-partners doing business under the firm name and style of John B. Salterini Company, New York, N. Y. Jacob's ladder. 2,355,399; Aug. 8.
Schneider, Edward S., Chicago, Ill. Egg handling and conveying apparatus. 2,359,006; Sept. 26.
Schneider, Elbert D. (See Palmer, H. L., and Schneider.)
Schneider, Elbert D., Scotia, N. Y., assignor to General Electric Company. Electric valve time-delay relay. 2,366,060; Dec. 26.
Schneider, Eugene F. (See Crumb, C. F., and Schneider.)
Schneider, Fred B., Wesleyville, Pa., assignor to General Electric Company. Elastic fluid power plant. 2,350,197; May 30.
Schneider, Fred B., Wesleyville, Pa., assignor to General Electric Company. Shutter construction. 2,357,137; Aug. 29.
Schneider, George, Montclair, N. J., assignor to Celanese Corporation of America. Treatment of cellulose acetate. 2,356,277; Aug. 22.
Schneider, Harold N., Philadelphia, Pa., assignor to General Electric Company. Auxiliary switch. 2,362,313; Nov. 7.
Schneider, Helmuth G. (See Kerns, W. J., and Schneider.)
Schneider, Kurt R. (See Fitch, C. J., and Schneider.)
Schneider, Max S., Chicago, Ill. Plating rack. 2,364,822; Dec. 12.
Schneider, Paul L. (See Critchfield, R. M., Schneider, and Short.)
Schneider, Robert A., Fort Washington, assignor to Keasbey & Mattison Company, Ambler, Pa. Securing clip. 2,353,933; July 18.
Schneider, Wilhelm. (See Fröhlich, A., and Schneider.)
Schneider, Wilhelm. (See Fröhlich, A., Schneider, and Wilmanns.)
Schneider, Wilhelm. (See Fröhlich, A., Schneider, and Zeh.)
Schneider, Wilhelm. (See Michael, W., Gohre, Frec, von Fuener, and Schneider.)
Schneider, Wilhelm, Dessau, Germany, assignor to General Aniline & Film Corporation, New York, N. Y. Subtractive color photography. 2,343,424; Mar. 7.
Schneider, Wilhelm, Dessau, and N. Senger, Dessau-Haideburg, Germany; vested in the Alien Property Custodian. Increasing the transparency difference of sound records in multi-layer materials. 2,341,508; Feb. 8.
Schneider, Wilhelm, and A. Fröhlich, Dessau, and W. Zeh, Wolfen, Germany, assignors to General Aniline & Film Corporation, New York, N. Y. Color photographic image. 2,354,552; July 25.
Schnell, Steve, Kirkwood, assignor to Wagner Electric Corporation, St. Louis, Mo. Single anchor mounting construction for brake shoes. Re. 22,513; July 4.
Schnell, Steve, Kirkwood, assignor to Wagner Electric Corporation, St. Louis, Mo. Brake shoe mounting. Re. 22,515; July 11.
Schnell, Steve, Kirkwood, assignor to Wagner Electric Corporation, St. Louis, Mo. Fluid pressure system. 2,343,809; Mar. 7.
Schnell, Steve, Kirkwood, assignor to Wagner Electric Corporation, St. Louis, Mo. Adjustable stroke pump. 2,344,517; Mar. 21.

Schnell, Steve, Kirkwood, assignor to Wagner Electric Corporation, St. Louis, Mo. Brake actuating system. 2,345,634; Apr. 4.

Schnell, Steve, Kirkwood, assignor to Wagner Electric Corporation, St. Louis, Mo. Anchor pin construction and assembly method. 2,347,219; Apr. 25.

Schnell, Steve, Kirkwood, assignor to Wagner Electric Corporation, St. Louis, Mo. Fluid pressure control system. 2,347,847; May 2.

Schnell, Steve, Kirkwood, assignor to Wagner Electric Corporation, St. Louis, Mo. Compound master cylinder. 2,348,367; May 9.

Schnell, Steve, Kirkwood, assignor to Wagner Electric Corporation, St. Louis, Mo. Pump and control means therefor. 2,349,310; May 23.

Schnell, Steve, Kirkwood, assignor to Wagner Electric Corporation, St. Louis, Mo. Braking system. 2,351,153; June 13.

Schnell, Steve, Kirkwood, assignor to Wagner Electric Corporation, St. Louis, Mo. Combined air and hydraulic pressure brake actuating system. 2,361,419; Oct. 31.

Schnell, Steve, Kirkwood, assignor to Wagner Electric Corporation, St. Louis, Mo. Fluid pressure compounding system. 2,361,878; Oct. 31.

Schnell, Steve, Kirkwood, assignor to Wagner Electric Corporation, St. Louis, Mo. Automatic brake adjusting means. 2,363,152; Nov. 21.

Schnell, Steve, Kirkwood, assignor to Wagner Electric Corporation, St. Louis, Mo. Brake shoe adjusting mechanism. 2,364,664; Dec. 12.

Schnell, Steve, Kirkwood, assignor to Wagner Electric Corporation, St. Louis, Mo. Piston construction. 2,364,823; Dec. 12.

Schnell, Steve, Kirkwood, assignor to Wagner Electric Corporation, St. Louis, Mo. Automatic brake shoe adjusting mechanism. 2,366,058; Dec. 26.

Schneller, Rudy F. (See Rotter, L. C., Klein, and Schneller.)

Schnibben, Charles G. (See Decker, W. W., and Schnibben.)

Schnider, Morris, Los Angeles, Calif. Soap dish. 2,359,797; Oct. 10.

Schnider, Otto, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. 2-amino-4-oxo-5-ethoxypentene-(2) and manufacture of same. 2,353,367; July 11.

Schnitzer, Benjamin J. (See Arnstein, K., and Schnitzer.)

Schnitzer, Philip, Brooklyn, N. Y., assignor to Miller Printing Machinery Co., Pittsburgh, Pa., Guide device. 2,342,700; Feb. 29.

Schnyder, Auxilius P., Teaneck, N. J. Paper pulp preparation. 2,342,225; Feb. 22.

Schober, Wayne E. (See Guignard, U. O., and Schober.)

Schock, Robert E., Riverhead, N. Y., assignor to Radio Corporation of America. Phase modulation receiver. 2,340,432; Feb. 1.

Schock, Robert E., Riverhead, N. Y., assignor to Radio Corporation of America. Wave length modulation. 2,341,243; Feb. 8.

Schock, Robert E., Riverhead, N. Y., assignor to Radio Corporation of America. Voltage variation compensator. 2,354,483; July 25.

Schock, Robert E., Riverhead, N. Y., assignor to Radio Corporation of America. Variable condenser. 2,361,657; Oct. 31.

Schockett, Harry U., Denver, Colo. Fluorescent lamp fixture. 2,360,448; Oct. 17.

Schoder, William P., and J. P. Ruth, Denver, Colo. Producing inlaid jewels. 2,350,421; June 6.

Schoeller, Karl F., Perkasie, Pa. Vapor condenser. 2,358,940; Sept. 26.

Schoenberger, W. J., Company, The. (See Hunziker, Fred, assignor.)

Schoenberger, W. J., Company, The, et al. (See Soule, George M., assignor.)

Schoenborn, Ferdinand J. W. (See Katzin, M., and Schoenborn.)

Schoenfeld, David M., assignor to Combustion Engineering Company, Inc., New York, N. Y. Separately fired superheater. 2,347,848; May 2.

Schoenfeld, Frank K. (See Alexander, C. H., and Schoenfeld.)

Schoenfeldt, Herman R., South Euclid, Ohio, assignor to General Electric Company. Phosphor. 2,363,090; Nov. 21.

Schoenhardt, Wilhelm F. (See Jagger, H., and Schoenhardt, and Uhlig.)

Schoeninger, John J., Forest Hills, N. Y. Link. 2,358,739; Sept. 19.

Schoenky, August R., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine for operating on lasts. 2,342,228; Feb. 22.

Schoenlaub, Robert A., Tiffin, assignor to Basic Refractories, Inc., Cleveland, Ohio. Magnesia-containing refractories. 2,364,002; Nov. 28.

Schoenrock, Otto R., Chicago, Ill. Making retainer locks. 2,358,350; Sept. 19.

Schoenster, Peter, assignor to Alfred Hofmann, Inc., West New York, N. J. Selvedge formation in reinforced widened heel of stocking blanks. 2,357,852; Sept. 12.

Schofield, Earl L., assignor to Henney Motor Company, Freeport, Ill. Convertible hearse. 2,347,002; Apr. 18.

Schoger, George D., Anderson, Ind. Art of grinding. 2,341,820; Feb. 15.

Scholj, Edgar, assignor to Union Special Machine Company, Chicago, Ill. Sewing machine. 2,360,075; Oct. 10.

Scholl, Clark, assignor to The Steel Products Engineering Company, Springfield, Ohio. Combustion apparatus. 2,338,546; Jan. 4.

Scholl, Clark, assignor to The Steel Products Engineering Company, Springfield, Ohio. Conveyer for combustion apparatus. 2,355,244; Aug. 8.

Scholl, Clark, assignor to The Steel Products Engineering Company, Springfield, Ohio. Conveyer apparatus. 2,364,166; Dec. 5.

Scholl, Clark, and D. L. Getz, assignors to The Steel Products Engineering Company, Springfield, Ohio. Combustion apparatus. 2,353,087; July 4.

Scholl Mfg. Co., The. (See Bergman, Raymond W., assignor.)

Scholl Mfg. Co. Inc., The. (See Einstoss, Edward, assignor.)

Scholtz, Harry G. (See Mueller, O., and Scholtz.)

Scholtz, Harry G., Wyandotte, O. Mueller, Dearborn, and A. H. Haberstump, assignors to The Murray Corporation of America, Detroit, Mich. Making muzzle sleeves. 2,360,724; Oct. 17.

Scholz, Caesar. (See Miescher, K., and Schols.)

Scholze, William F., Jr., assignor to The Robertson Bleachery & Dye Works, Incorporated, New Milford, Conn. Polymerization of synthetic resin impregnated fabrics. 2,345,541; Mar. 28.

Schon, Pierre, assignor to Marmon-Herrington Company, Inc., Indianapolis, Ind. Dual motor chassis. 2,351,233; June 13.

Schon, Pierre, assignor to Marmon-Herrington Company, Inc., Indianapolis, Ind. Dual powered axle. 2,351,234; June 13.

Schonberg, George C., Fargo, N. Dak. Attachment for tractors. 2,354,883; Aug. 1.

Schonberg, Jackson R., Westfield, N. J., assignor to Standard Oil Development Company. Removal of undesirable sulphur compounds from petroleum oil. 2,344,418; Mar. 14.

Schönfeld, Wilhelm. (See Frundt, H. J., and Schönfeld.)

Schonitzer, Rudolph I., Shaker Heights, Ohio. Combined door-hinging, door-checking, and door-holding device. 2,343,810; Mar 7.

Schonitzer, Rudolph I., Shaker Heights, and H. B. Muster, Avon Lake, Ohio; said Muster assignor to said Schonitzer. Sheet metal nut. 2,358,832; Sept. 26.

Schonitzer, Rudolph I., Shaker Heights, and E. L. Allen and H. B. Muster, Cleveland Heights, Ohio; said Allen and said Muster assignors to said Schonitzer. Connection box for electrical terminals. 2,359,053; Sept. 26.

Schonitzer, Rudolph I., Shaker Heights, and E. L. Allen and H. B. Muster, Cleveland Heights, Ohio; said Allen and said Muster assignors to said Schonitzer. Connection box for electrical terminals. 2,359,054; Sept. 26.

Schoolfield, Lucille D., Washington, D. C. Educational device. 2,361,154; Oct. 24.

Schoonenberg, Pancras, J. J. Hardenberg, and C. J. Dippel, Eindhoven, Netherlands, assignors, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Oscillation record. 2,355,398; Aug. 8.

Schoonover, Irl C. (See Dickson, G. R., and Schoonover.)

Schopmeyer, Herman H., Hammond, and C. R. Arnold, Munster, Ind., assignors to American Maize-Products Company. Lactic acid purification. 2,350,370; June 6.

Schopmeyer, Herman H., and G. E. Felton, Hammond, Ind., assignors to American Maize-Products Company. Waxy starch product and making. 2,354,838; Aug. 1.

Schopmeyer, Herman H., Hammond, Ind., and H. A. Kaufmann, Pelham Manor, N. Y., assignors to American Maize-Products Company. Starch size. 2,364,590; Dec. 5.

Schor Manufacturing Co. (See Cidonio, Anthony I., assignor.)

Schorger, Arlie W., Madison, Wis., assignor, by mesne assignments, to National Lead Company. Storage battery paste and making the same. 2,365,600; Dec. 19.

Schorn, Carl F., Detroit, Mich. Ice detector. 2,355,014; Aug. 1.

Schorr, John M., New Orleans, La. Process of extracting lupulin. 2,345,773; Apr. 4.

Schott, Donald E., Flushing, assignor to Thomas C. Wilson, Inc., Long Island City, N. Y. Tube cleaning apparatus. 2,352,019; June 20.

Schott, John E. (See Churchill, L. R., Schott, and Waugh.)

Schott, John F. (See Clayton, W. J., and Schott.)

Schott, John F. (See Luxenberger, E. A., Blair, and Schott.)

Schott, Rudolph D., Pomona, assignor, by mesne assignments, to Joshua Hendy Iron Works, Sunnyville, Calif. Rubber and plastic water lubricated bearing for vertical turbine pumps. 2,343,585; Mar. 7.

Schotte, Herbert, Berlin-Charlottenburg, and R. Ebert, Berlin-Halensee, Germany; vested in the Alien Property Custodian. Weed-destroying preparation. 2,344,063; Mar. 14.

Schottland, Edward, Forest Hills, assignor of one-half to R. Schottland, Jackson Heights, N. Y. Grinding machine. 2,351,881; June 20.

Schottland, Robert. (See Schottland, Edward, assignor.)

Schotz, Otto W. (See Neracher, C. A., Dunn, Syrovy, and Schotz.)

Schotz, Otto W. (See Syrovy, A. J., Dunn, and Schotz.)

Schouman, Fred W. (See Jennings, H. Y., Schouman, and Swezey.)

Schouten, Cornelis, Delft, Netherlands; vested in the Alien Property Custodian. Apparatus for separating loose masses. 2,341,662; Feb. 15.

Schouten, Jan F. (See de Boer, K., and Schouten.)

Schrade, George M., Bridgeport, Conn. Pocket knife. 2,360,165; Oct. 10.

Schrader, Charles E. (See Spangler, L. D., and Schrader.)

Schrader, Harold J., Haddon Heights, N. J., and J. M. Brumbaugh, Lansdowne, Pa., assignors to Radio Corporation of America. Wave translation device. 2,343,207; Feb. 29.

Schrader, Harold J., Haddonfield, and R. D. Scheldorf, Haddon Heights, N. J., assignors to Radio Corporation of America. Oscillograph sweep circuit. 2,350,069; May 30.

Schrader, Herbert, Wheeling, W. Va., assignor to Continental Can Company, Inc., New York, N. Y. Sheet metal container. 2,346,619; Apr. 11.

Schrader, Herbert, Wheeling, W. Va., assignor to Continental Can Company, Inc., New York, N. Y. Container part leakage testing machine. 2,352,916; July 4.

Schrader, Herbert, and B. B. Gordon, Wheeling, W. Va., assignors to Continental Can Company, Inc., New York, N. Y. Rip strip container. 2,365,112; Dec. 12.

Schrader, Walter, Doberitz, near Berlin, Germany; vested in the Alien Property Custodian. Device for indicating contaminations in oil circulation systems. 2,349,992; May 30.

Schrader, Harold J., Haddonfield, and R. D. Scheldorf, Haddon Heights, N. J., assignors to Radio Corporation of America. Blanking amplifier for cathode ray oscillographs. 2,363,810; Nov. 28.

Schrage, Franklin R., Riverside, assignor to Interlake Iron Corporation, Chicago, Ill. Coke burning method. 2,344,328; Mar. 14.

Schrage, Franklin R., Riverside, assignor to Interlake Iron Corporation, Chicago, Ill. Grate. 2,361,796; Oct. 31.

Schraig, James V., Central Valley, N. Y. Combination interlocking device. 2,353,507; July 11.

Schramm, Inc. (See Gustafson, Alfred N., assignor.)

Schreck, Irvin F., Cleveland Heights, Ohio. Lift truck. 2,359,493; Oct. 3.

Schreib, Joseph, assignor of thirty-three and one-third per cent to J. G. Onnen, and thirty-three and one-third per cent to F. W. Nagler, Baltimore, Md. Cartridge. 2,353,934; July 18.

Schreiber, Albert J., Grosse Pointe Farms, assignor to Square Tool, Die & Mfg. Co., Warren, Mich. Work support. 2,364,478; Dec. 5.

Schreiber, August, Stahnsdorf, Berlin, Germany; vested in the Alien Property Custodian. Method and means for purifying sewage and the like. 2,348,854; May 16.

Schreiber, Carl W., assignor, by mesne assignments, to Owens-Illinois Glass Company, Toledo, Ohio. Article transfer mechanism. 2,349,638; May 23.

Schreiber, Felix. (See Hofmann, J., and Schreiber.)

Schreiber, John H., St. Louis, and F. H. Dean, Normandy, assignors to General Engineering & Mfg. Co., St. Louis, Mo. Machine tool. 2,349,382; May 23.

Schreiber, Richard S. (See Hanford, W. E., Schreiber, and Gray.)

Schreiber, Richard S., and J. H. Werntz, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymers of alkyl glycosides and preparing the same. 2,355,245; Aug. 8.

Schreiber, Rudolph E., Chicago, Ill. Buckle. 2,342,304; Feb. 22.

Schreiber, William, assignor to The Atlantic Refining Company, Philadelphia, Pa. Treatment of hydrocarbon oil. 2,365,974; Dec. 26.

Schreiner, George A., assignor to Cluett, Peabody & Co., Inc., Troy, N. Y. Cloth shrinking machine. 2,346,190; Apr. 11.

Schreiner, Ted R., Kirkwood, Mo. Weighing and handling device. 2,363,366; Nov. 21.

Schreiter, Max O., Peoria, Ill. Pump. 2,362,411; Nov. 7.

Schreyer, Edward P., Milwaukee, Wis. Steam iron. 2,338,739; Jan. 11.

Schriber Sheet Metal and Roofers, Inc. (See Rupp, Oscar J., assignor.)

Schroder, Charles H. (See Nygaard, O., and Schroder.)

Schroeder, Elmer F. (See Raymond, A. L., and Schroeder.)

Schröder, Ernst. (See Krause, E., and Schröder.)

Schröder-Nielsen, Thoroif, Oslo, Norway; vested in the Alien Property Custodian. Protecting and launching device for lifeboats. 2,356,539; Aug. 22.

Schroeder, Alfred C. (See Fredendall, G. L., and Schroeder.)

Schroeder, Charles S., Philadelphia, Pa., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Chain hoist. 2,342,091; Feb. 15.

Schroeder, Ernest R. (See McBride, J. J., Schroeder, and Willoughby.)

Schroeder, Lester F., assignor to Metal Office Furniture Company, Grand Rapids, Mich. Drawer. 2,364,479; Dec. 5.

Schroeder, O. W. (See Green, Charley L., assignor.)

Schroeder, Oscar W., North Hollywood, assignor of fifteen per cent to William E. Beatty, Los Angeles, Calif. Stuffed straw. 2,349,761; May 23.

Schroeder, Robert J. (See Curtis, R. R., and Schroeder.)

Schroeder, Simon E., assignor to Barlow & Seelig Manufacturing Company, Ripon, Wis. Wringer. 2,360,369; Oct. 17.

Schroeder, Theodore W., Schenectady, N. Y., assignor to General Electric Company. Electric circuit. 2,347,512; Apr. 25.

Schroeder, Wesley D. (See Coleman, G. H., and Schroeder.)

Schroeder, Wesley D. (See Coleman, G. H., Fletcher, and Schroeder.)

Schroeder, William. (See MacChesney, C. M., and Schroeder.)

Schroeter, Bruno, assignor to O. & S. Bearing Company, Detroit, Mich. Self-lubricating bearing. 2,360,370; Oct. 17.

Schröter, Hans. (See Schröter, Kurt and H.)

Schröter, Kurt and H., Wechmar, Gotha-Land, Germany; vested in the Alien Property Custodian. Wheeled underframe, especially for trailers of motor cars. 2,345,158; Mar. 28.

Schröter, Kurt and H., Wechmar, Gotha-Land, Germany; vested in the Alien Property Custodian. Car, especially trailer, with tiltable body. 2,345,159; Mar. 28.

Schroy, Paul C., Darien, Conn., assignor to American Cyanamid Company, New York, N. Y. Plasticized thermosetting resins. 2,361,322; Oct. 24.

Schryber, Emil A., Lynbrook, assignor to Tilco-Fin, Inc., Brooklyn, N. Y. Manufacture of tinned tubing and the like. 2,344,790; Mar. 21.

Schubert, Alvin E., E. O. Wangerin, and J. F. Egan, assignors to Eastman Kodak Company, Rochester, N. Y. Control for photographic copying apparatus. 2,350,831; June 6.

Schubert, Alvin E., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic projection enlarger. 2,358,106; Sept. 12.

Schubert Company, The. (See Schubert, Milton V., assignor.)

Schubert, Elmer G. (See Treese, L. S., and Schubert.)

Schubert, Ernst, Jonsdorf, near Zittau, and H. Pierer, Zittau, Germany; vested in the Alien Property Custodian. Detergent composition. 2,352,021; June 20.

Schubert, Max. (See Zerweck, W., and Schubert.)

Schubert, Milton V., assignor to The Schubert Company, North Manchester, Ind. Portable crib. 2,344,270; Mar. 14.

Schubert, Minna R., assignor to Le Monde Corset Company, Saginaw, Mich. Maternity support garment. 2,351,296; June 13.

Schuch, Edward A., and J. F. Masino, assignors to Aero Service Corporation, Philadelphia, Pa. Production of Mosaic maps. 2,352,413; June 27.

Schuckl & Co. (See Lurmann, F. W., and Swayne, assignors.)

Schueder, George M., and Eugene F. Farrell, assignors to Evans Products Company, Detroit, Mich. Space heater. Re. 22,482; May 16.

Schueler, Clarence H., Portsmouth, N. H. Bench clamp. 2,344,064; Mar. 14.

Schueler, Fred C., Andover, assignor to John W. Bolton & Sons, Inc., Lawrence, Mass. Releasable plug jacket. 2,356,278; Aug. 22.

Schueneman, Aloysius J. (See Aigner, W. J., and Schueneman.)

Schueren, William B., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Fender shield latch mechanism. 2,349,466; May 23.

Schuerholz, William J., Jr. (See Stone, J. T., and Schuerholz.)

Schuetz, Clyde C., assignor to United States Gypsum Company, Chicago, Ill. Coated structural material. 2,354,350; July 25.

Schuetz, Clyde C., Mount Prospect, assignor to United States Gypsum Company, Chicago, Ill. Coating structural material. 2,354,351; July 25.

Schufftan, Eugen, New York, assignor of forty-five per cent to L. L. Lawrence, Locust Valley, N. Y., ten per cent to J. J. Lipow, Los Angeles, Calif., and forty-five per cent to himself. Process and apparatus for eliminating graining in photography. 2,343,586; Mar. 7.

Schuh, Charles H., Ridgewood, assignor, by mesne assignments, to Carbide and Carbon Chemicals Corporation, New York, N. Y. Compressed composition and products and the like. 2,345,009; Mar. 28.

Schuh, Charles H., Ridgewood, assignor, by mesne assignments, to Carbide and Carbon Chemicals Corporation, New York, N. Y. Cork composition. 2,345,431; Mar. 28.

Schuh, Charles H., Ridgewood, N. Y., assignor to Carbide and Carbon Chemicals Corporation. Cork product and making the same. 2,350,422; June 6.

Schuh, Charles H., Ridgewood, assignor, by mesne assignments, to Carbide and Carbon Chemicals Corporation, New York, N. Y. Loose-fill composition material. 2,353,271; July 11.

Schuh, Karl H. (See Schmid, W., and Schuh.)

Schuler, Adam F., Gouverneur, N. Y., assignor to Chester Lace Mills, Chester, Pa. Camouflage net. 2,341,951; Feb. 15.

Schuler, Adam F., deceased, Gouverneur, N. Y.; P. Krasler, executor, assignor to Chester Lace Mills, Chester, Pa. Lace machine. 2,341,952; Feb. 15.

Schuler Engineering Company. (See Moore, Edward B., assignor.)

Schüler, Hugo. (See Kniehahn, W., Geiser, Schüler, Gerth and Witt.)

Schuler, William N. (See Tucker, S. M., and Schuler.)

Schulling, Charles E., Des Moines, Iowa. Vehicle chassis. 2,348,655; May 9.

Schuller, Aladar, Antwerp, and R. G. Tritsmans, Mortsel, near Antwerp, Belgium; vested in the Alien Property Custodian. Stabilizing cellulose esters. 2,352,022; June 20.

Schüller, Eduard, Berlin-Johannisthal, Germany; vested in the Alien Property Custodian. Sound reproducer. 2,352,023; June 20.

Schulman, Louis, Brooklyn, assignor of one-third to M. E. Sparrow, New York, N. Y. Catamenial bandage making machine or the like. 2,352,228; June 27.

Schulman, Max, Brooklyn, N. Y. Collar holder. 2,347,438; Apr. 25.

Schulman, Philip J. (See Pelzer, Harold H., assignor.)

Schulte, Bernard F., Highland Park, assignor of one-half to V. M. Langsett, Chicago, Ill. Razor buffer. 2,359,739; Oct. 10.

Schulte, Frank W. (See Stearn, W. T., and Schulte.)

Schultheiss, John P., assignor to R. F. Simmons Company, Attleboro, Mass. Strap for wrist-watches, apparel belts, and the like. 2,353,854; July 18.

Schultz, Alfred S., and L. Atkin, Bronx, and C. N. Frey, Scarsdale, assignors to Standard Brands Incorporated, New York, N. Y. Yeast propagation. 2,354,281; July 25.

Schultz, Arnold J., Bellport, assignor to Simplex Safety Block Co. Inc., New York, N. Y. Safety suspension device. 2,343,086; Feb. 29.

Schultz, Bertha, Lincoln, Nebr., assignor of one-third to F. V. Schultz and one-third to H. W. Schultz, Dallas, Tex. Pan lifter. 2,358,599; Sept. 19.

Schultz, Charles F. and I. E., Oakland, Calif. Bag making machine. 2,346,191; Apr. 11.

Schultz, Emma D., New London, Conn., and W. E. Shaefer, Kennett Square, Pa., assignors to Hercules Powder Company, Wilmington, Del. Derivatives of rosin and rosin compounds. 2,346,793; Apr. 18.

Schultz, Frank, Cliffside Park, assignor to Autographic Register Company, Hoboken, N. J. Typewriting machine. 2,351,075; June 13.

Schultz, Frank J. (See Kingsbury, F. L., and Schultz.)

Schultz, Frank V., et al. (See Schultz, Bertha, assignor.)

Schultz, George W., Spokane, Wash. Dump truck body support. 2,362,668; Nov. 14.

Schultz, Harvey A. (See Davies, J. M., and Schultz.)

Schultz, Howard W., et al. (See Schultz, Bertha, assignor.)

Schultz, Ira E. See Schultz, Charles F. and I. E.)

Schultz, Mortimer A. (See Nagel, G. W., and Schultz.)

Schultz, Paul L., Cleveland, Ohio. Pressure supporting mechanism. 2,338,603; Jan. 4.

Schultz, Roy M., assignor to Cook Electric Company, Chicago, Ill. Sub station protector. 2,362,936; Nov. 14.

Schultz, Rudolph H., and A. J. Siebert, Brooklyn, N. Y. Wrapping machine. 2,363,751; Nov. 28.

Schultz, Thomas H., Richmond, and I. E. Levine and H. B. Wellman, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Preparing improved injection engine fuel. 2,365,220; Dec. 19.

Schultz, William O. (See Steinmayer, A. G., and Schultz.)

Schultz, William O., assignor to Line Material Company, South Milwaukee, Wis. Switch. 2,344,113; Mar. 14.

Schultz, William O., South Milwaukee, assignor to Line Material Company, Milwaukee, Wis. Fuse terminal. 2,355,824; Aug. 15.

Schultz, William O., assignor to Line Material Company, South Milwaukee, Wis. Cut-out construction. 2,357,772; Sept. 5.

Schultz, William O., assignor to Line Material Company, South Milwaukee, Wis. Fuse device. 2,365,113; Dec. 12.

Schultz, William O., South Milwaukee, and A. G. Steinmayer, Milwaukee, assignors to Line Material Company South Milwaukee, Wis. Cutout construction. 2,338,823; Jan. 11.

Schultz, William O., South Milwaukee, and A. G. Steinmayer, Milwaukee, assignors to Line Material Company, South Milwaukee, Wis. Cutout construction. 2,362,314; Nov. 7.

Schultze, Guido, Mannheim, Germany; vested in the Alien Property Custodian. Lacquer and applying same. 2,338,461; Jan. 4.

Schultze, Paul, assignor to Doran Brothers, Incorporated, Danbury, Conn. Method of and apparatus for pouncing hats. 2,344,419; Mar. 14.

Schultze, Paul, assignor to John C. Doran, doing business as Doran Brothers, Incorporated, Danbury, Conn. Pouncing hats. 2,351,076; June 13.

Schultze, Paul, assignor to Doran Brothers Incorporated, Danbury, Conn. Fur feeding machine. 2,362,315; Nov. 7.

Schulz, Arthur P., assignor to Bendix Home Appliances, Inc., South Bend, Ind. Cleaning machine. 2,353,368; July 11.

Schulz, Conrad, Berlin-Spandau, and K. Tandetzke, Teltow, Germany; vested in the Alien Property Custodian. Vehicle body. 2,356,624; Aug. 22.

Schulz, Hermann, Neu-Isenburg Frankfort-on-the-Main, Germany; vested in the Alien Property Custodian. Production of unsaturated acids and esters. 2,341,663; Feb. 15.

Schulze, Ferdinand. (See Farquhar, B. S., and Schulze.)

Schulze, Kurt, Dalligow-Doberitz, Germany; vested in the Alien Property Custodian. Gyroscopic instrument. 2,365,439; Dec. 19.

Schulze, Walter A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Treatment of hydrocarbons. 2,348,931; May 16.

Schulze, Walter A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Treating hydrocarbons. 2,351,154; June 13.

Schulze, Walter A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Reactivation of catalysts. 2,353,508; July 11.

Schulze, Walter A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Isomerization process. 2,355,563; Aug. 8.

Schulze, Walter A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Purification of hydrocarbon liquids. 2,356,095; Aug. 15.

Schulze, Walter A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Dehydration of fluids. 2,356,890; Aug. 29.

Schulze, Walter A., Bartlesville, Okla, assignor to Phillips Petroleum Company. Removal of carbonyl sulphide from low-boiling hydrocarbon fluids. 2,362,669; Nov. 14.

Schulze, Walter A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Production of lead sulphide. 2,362,670; Nov. 14.

Schulze, Walter A., and J. P. Lyon, Jr., Bartlesville, Okla., assignors to Phillips Petroleum Company. Liquid fuel composition. 2,345,296; Mar. 28.

Schulze, Walter A., and C. J. Helmers, Bartlesville, Okla., assignors to Phillips Petroleum Company. Hydrocarbon conversion. 2,353,509; July 11.

Schulze, Walter A., and J. C. Hillyer, Bartlesville, Okla., assignors to Phillips Petroleum Company. Dehydrogenation of hydrocarbons. 2,362,218; Nov. 7.

Schulze, Walter A., and L. C. Morris, Bartlesville, Okla., assignors to Phillips Petroleum Company. Production of Alkyl Sulphides. 2,362,219; Nov. 7.

Schumacher, Earle E. (See Bouton, G. M., Phipps, and Schumacher.)

Schumacher, Erwin A., Parma, and G. W. Heise, Rocky River, Ohio., assignors to National Carbon Company, Inc. Electrode for use in electrolytic processes. 2,358,419; Sept. 19.

Schumacher, Erwin A., Parma, and G. W. Heise, Rocky River, Ohio, assignors to National Carbon Company, Inc. Activated carbon catalyst bodies and their preparation and use. 2,365,729; Dec. 26.

Schumacher, Fritz, Oberlenningen, Wurttemberg, Germany, assignor to American Voith Contact Co. Inc., New York, N. Y. Apparatus for the removal of water, liquors or other liquids from soaked masses of fibrous materials. 2,365,658; Dec. 19.

Schumacher, Hermann, Goppingen, Wurttemberg, Germany; vested in the Alien Property Custodian. Controlling mechanism for lathes. 2,338,975; Jan. 11.

Schumacher, Paul F. (See Clark, Charles H., assignor.)

Schumann, Alfred F. (See Turpin, A. J., and Schumann.)

Schumann, Alfred F., Lower Merion, Pa., and A. J. Turpin, Stewart Manor, assignors to Hauck Manufacturing Company, Brooklyn, N. Y. Automatic fuel shutoff mans for combustion apparatus 2,360,166; Oct. 10.

Schumann, Alfred F., Lower Merion, Pa., and A. J. Turpin, Stewart Manor, assignors to Hauck Manufacturing Company, Brooklyn, N. Y. Temperature control apparatus. 2,360,167; Oct. 10.

Schumann, Artur, Kustrin-Neustadt, Germany; vested in the Alien Property Custodian. Building plate. 2,356,625; Aug. 22.

Schumann, Fred. (See Stehlik, F. J., and Schumann.)

Schumann, Henry, Baltimore, Md. Grille of the impingement type. 2,339,296; Jan. 18.

Schumann, Johannes, Philadelphia, Pa. Cigarette package. 2,361,879; Oct. 31.

Schumann, Seymour, New York, N. Y. Bead machine. 2,359,798; Oct. 10.

Schummer, Sebastian P., assignor to Howard Engineering & Manufacturing Company, Cincinnati, Ohio. Tumbling mill. 2,359,944; Oct. 10.

Schundler, F. E., & Co. (See Denning, Paul S., assignor.)

Schunk, Fred A. Lincoln Park, N. J. Colostomy appliance. 2,366,059; Dec. 26.

Schunk, Joseph, Union, assignor to The National Lock Washer Company, Newark, N. J. Bus or car window construction. 2,354,839; Aug. 1.

Schupp, Orion E., Jr., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymeric compositions. 2,350,877; Oct. 10.

Schupp, Orion E., Jr., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymeric compositions. 2,359,878; Oct. 10.

Schur, Milton O., Berlin, N. H., assignor, by mesne assignments, to Reconstruction Finance Corporation, Washington, D. C. Fabrication of wet-strengthened papers. 2,338,602; Jan. 4.

Schurman, Adolph G., Baltimore, Md. Milling. 2,364,101; Dec. 5.

Schurman, C. R., et al. (See Creamer, Norman G., assignor.)

Schürmann, Max-Otto, Dormagen, and J. D. Holtz, Cologne-Thielhoven, Germany; vested in the Alien Property Custodian. Artificial fibers. 2,363,019; Nov. 21.

Schurr, Charles H. (See Warner, H. C., and Schurr.)

Schurts, Ralph E. (See Roth, J. N., and Schurtz.)

Schurtz, Ralph E., Kansas City, Mo., and J. N. Roth, Belding, assignors, by mesne assignments, to Gibson Refrigerator Company, Greenville, Mich. Transfer apparatus. 2,346,875; Apr. 18.

Schusterman, Adolph, New York, N. Y. Multicolor box camera. 2,341,480; Feb. 8.

Schusterman, Adolph, New York, N. Y. Light trap for removable reflector filters for one-shot multicolor plate cameras. 2,354,405; July 25.

Schutt, Arthur J., Lockport, N. Y., and W. J. de Beaubien, Pontiac, assignors to General Motors Corporation, Detroit, Mich. Car heater and windshield defroster. 2,342,901; Feb. 29.

Schütte, Alfred, Augsburg, Germany; vested in the Alien Property Custodian. Casing for gas turbines. 2,341,664; Feb. 15.

Schutte, August H., Tuckahoe, N. Y. Liquid-solid separation. 2,350,934; June 6.

Schutte, August H., Tuckahoe, assignor to The Lummus Company, New York, N. Y. Catalysis. 2,357,694; Sept. 5.

Schutte, August H., Hastings on Hudson, assignor to The Lummus Company, New York, N. Y. Coking hydrocarbon oils. 2,361,066; Oct. 24.

Schutte, August H., Hastings on Hudson, N. Y., and W. J. Klaassen, Jersey City, N. J. Wax-oil separation. 2,361,503; Oct. 31.

Schütte, Willi, Berlin, Germany; vested in the Alien Property Custodian. Collapsible boat. 2,338,976; Jan. 11.

Schutz, Alfred J. (See Shobert, E. I., II, and Schutz.)

Schutz, Ewald, assignor to De Walt Products Corporation, Lancaster, Pa. Cutting machine. 2,353,088; July 4.

Schutz, Ewald, assignor to De Walt Products Corporation, Lancaster, Pa. Cutting machine. 2,353,590; July 11.

Schuyler, Albert B., Rochester, assignor to International Business Machines Corporation, New York, N. Y. Typewriting machine. 2,362,029; Nov. 7.

Schwab, Hugo R., assignor to The Peerless Traveling Goods Co., Mayville, Wis. Luggage case. 2,340,702; Feb. 1.

Schwab, Martin C., Chicago, Ill. Submarine. 2,349,009; May 16.

Schwab, Martin C., Chicago, Ill. Device for protection of municipalities against incendiary bombs and delayed action bombs. 2,351,297; June 13.

Schwab, Martin C., Chicago, Ill. Projectile deflector. 2,358,257; Sept. 12.

Schwab, Martin C., Chicago, Ill. Mobile device for repelling the attack of enemy aircraft. 2,365,778; Dec. 26.

Schwab, Martin C., Chicago, Ill. Gas mask. 2,365,779; Dec. 26.

Schwab, Max D., Uddevalla, Sweden. Manufacture of artificially smoked pipe bowls. 2,361,243; Oct. 24.

Schwabacher, Gerhard P., Bridgeport, Conn., assignor to General Electric Company. Metal strain relief. 2,340,703; Feb. 1.

Schwager, August C., Millbrae, and R. H. Gerard, Oakland, assignors to Pacific Electric Manufacturing Corporation, San Francisco, Calif. Roller contact for hinged conductors. 2,359,055; Sept. 26.

Schwaiger, Frank H., Grantwood Village, assignor to Anheuser-Busch, Incorporated, St. Louis, Mo. Brewing. 2,359,876; Oct. 10.

Schwan, August R., assignor to Armstrong Cork Company, Lancaster, Pa. Load supporting device. 2,344,644; Mar. 21.

Schwan, Joseph F., St. Paul, and C. F. Pierson, Long Lake, Minn. Valve. 2,362,671; Nov. 14.

Schwaneberg, Herbert, Berlin-Tempelhof, Germany; vested in the Alien Property Custodian. Manufacture of alkaline earth metal salts of adenosine polyphosphoric acids. 2,342,760; Feb. 29.

Schwartz, Arthur A., assignor to Bell Aircraft Corporation, Buffalo, N. Y. Machine tool. 2,343,875; Mar. 14.

Schwartz, Arthur A., assignor to Bell Aircraft Corporation, Buffalo, N. Y. Machine tool. 2,344,420; Mar. 14.

Schwartz, Arthur A., and L. F. Maurer, assignors to Bell Aircraft Corporation, Buffalo, N. Y. Milling machine. 2,341,194; Feb. 8.

Schwartz, Benjamin S. (See Black, Mike, assignor.)

Schwartz, Charles, Pittsburgh, Pa. Alkaline detergents. 2,359,587; Oct. 3.

Schwartz, Edward F., San Francisco, Calif. Painting machine. 2,354,777; Aug. 1.

Schwartz, Harold A., Philadelphia, Pa. Shoe. 2,344,421; Mar. 14.

Schwartz, Harry, Lexington, Ky. Advertising device. 2,359,685; Oct. 3.

Schwartz, Lyle H., Maplewood, N. J., and H. A. Tooker, Monroe, assignors to Western Electric Company, Incorporated, New York, N. Y. Frequency comparison recorder. 2,351,548; June 13.

Schwartz, Nathan R., New York, N. Y. Universally adjustable swivel base. 2,352,806; July 4.

Schwartz, Nathan R., New York, N. Y. Universally adjustable swivel unit. 2,362,100; Nov. 7.

Schwartz, Phillips K., assignor to Proctor-Schwartz, Incorporated, Philadelphia, Pa. Treating filaments and threads. 2,351,549; June 13.

Schwartz, Sam. (See Kaprelian, Edward K., assignor.)

Schwartz, Walter L., Dayton, Ohio. Spur center head and using the same. 2,346,192; Apr. 11.

Schwartz, William H. (See Lester, N., and Schwartz.)

Schwartzberg, Louis, Chicago, Ill. Cellular egg carton. 2,346,400; Apr. 11.

Schwartzman, Leonce, Baltimore, Md., assignor to Protex Products Company, Inc., Jersey City, N. J. Garment bag. 2,351,882; June 20.

Schwartzwalder, Karl. (See Muller, M., Schwartzwalder, and McDougal.)

Schwartzwalder, Karl. (See Watts, A. P., and Schwartzwalder.)

Schwarz, Alfred, assignor to Ilex Optical Company, Rochester, N. Y. Photoflash synchronizing mechanism for cameras. 2,340,405; Feb. 1.

Schwarz, Alfred, assignor to Ilex Optical Company, Rochester, N. Y. Photographic shutter operating mechanism. 2,344,645; Mar. 21.

Schwarz, Alfred, assignor to Ilex Optical Company, Rochester, N. Y. Photoflash synchronizing mechanism. 2,355,825; Aug. 15.

Schwarz, Alfred, assignor to Ilex Optical Company, Rochester, N. Y. Photoflash synchronizing mechanism. 2,358,941; Sept. 26.

Schwarz, Bertram A. (See Fichter, L. J., and Schwarz.)

Schwarz, Bertram A., and L. J. Fichter, Kokomo, Ind., assignors to General Motors Corporation, Detroit, Mich. Automatic tuner. 2,342,902; Feb. 29.

Schwarz, Bertram A., and L. J. Fichter, Kokomo, Ind., assignors to General Motors Corporation, Detroit, Mich. Tuner. 2,346,399; Apr. 11.

Schwarz, Conrad B., Louisiana, Mo. Wire fastener. 2,357,290; Sept. 5.

Schwarz Engineering Company, The. (See Schwarz, Henry G., assignor.)

Schwarz, Eugene, Alexandria, Ind., assignor to The Mantle Lamp Company of America, Chicago, Ill. Making glass structures by pressing and blowing operations. 2,338,269; Jan. 4.

Schwarz, Henry G., San Carlos, assignor to The Schwarz Engineering Company, Inc., San Francisco, Calif. Liquid treating apparatus. 2,340,990; Feb. 8.

Schwarz, Henry G., San Carlos, assignor to The Schwarz Engineering Company, Inc., San Francisco, Calif. Centrifugal extractor. 2,342,973; Feb. 29.

Schwarz, Paul, Milwaukee, Wis. Vehicle jack. 2,353,855; July 18.

Schwarze Electric Company. (See Stern, Lewis J., assignor.)

Schwarzer, Kurt, Berlin, Germany; vested in the Alien Property Custodian. Roentgen tube with anode turning about its longitudinal axis. 2,350,642; June 6.

Schwarzkopf, Hans H. (See Seligman, R. A. L., Schwarzkopf, and Van Otterloo.)

Schwarzkopf, Paul, assignor to American Cutting Alloys, Inc., Yonkers, N. Y. Manufacturing hard metal compositions. 2,356,009; Aug. 15.

Schwarzmayr, Ludwig, San Francisco, Calif. Handle eye construction of tools. 2,340,619; Feb. 1.

Schwarzwald, Milton. (See Sparling, Elliott, W., assignor.)

Schwebke, Clarence J., and F. E. Hoadley, Beloit, assignors to Flakall Corporation, South Beloit, Wis. Machine for preparing food products. 2,350,643; June 6.

Schweda, Martin, St. Albans, N. Y. Snow guard for roofs. 2,349,201; May 16.

Schweda, Martin, St. Albans, N. Y. Roof gutter protecting device. 2,365,845; Dec. 26.

Schweickart, William M., and F. G. Julyan, Euclid, Ohio, assignors to Pocahontas Fuel Company Incorporated, New York, N. Y. Stoker. 2,359,445; Oct. 3.

Schweigert, George D., Denver, Colo. Fishing lure and making same. 2,350,572; June 6.

Schweikher, Ernest W., Shaker Heights, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Electroplating. 2,351,639; June 20.

Schweitzer & Conrad, Inc. (See Lindell, S. I., and Van Ryan, assignors.)

Schweitzer & Conrad, Inc. (See Ramsey, Allan, assignor.)

Schweitzer & Conrad, Inc. (See Lindell, Sigurd I., assignor.)

Schweitzer & Conrad, Inc. (See McMahon, George F., assignor.)
Schweitzer & Conrad, Inc. (See Triplett, Hugh A., assignor.)
Schweitzer-Conrad, Inc. (See Triplett, Hugh A., assignor.)
Schweitzer, Howard V., Shaker Heights, Ohio. Painting machine. 2,345,834; Apr. 4.
Schweitzer, Howard V., Shaker Heights, Ohio. Universal ceramic machine. 2,358,258; Sept. 12.
Schweitzer, Howard V., Shaker Heights, Ohio. Sanding machine and sanding ceramic ware. 2,359,879; Oct. 10.
Schweitzer, Oscar, Miami Beach, Fla. Counter for rifle targets. 2,342,016; Feb. 15.
Schweizer, Ernest, East Orange, N. J., assignor, by mesne assignments, to Celanese Corporation of America. Treatment of plastic material. 2,365,297; Dec. 19.
Schweller, Edmund F., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,341,123; Feb. 8.
Schweller, Edmund F., assignor to General Motors Corporation, Dayton, Ohio. Door latching mechanism. 2,345,432; Mar. 28.
Schweller, Edmund F., and C. H. Wurtz, assignors to General Motors Corporation, Dayton, Ohio. Oven construction. 2,358,034; Sept. 12.
Schweller, Sylvester M., assignor to General Motors Corporation, Dayton, Ohio. Pressure tank. 2,360,590; Oct. 17.
Schwend, Frederick N. (See Avery, H. T., Grimm, and Schwend.)
Schwendner, Anthony F., Ridley Park, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Hydraulic governing system for prime movers. 2,345,297; Mar. 28.
Schwendner, Anthony F., Ridley Park, and J. S. Newton, Drexel Hill, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Governor apparatus. 2,364,665; Dec. 12.
Schwenk, Erwin. (See Butenandt, A., Schmidt-Thomé, and Schwenk.)
Schwenk, Erwin. (See Fleischer, G. A., and Schwenk.)
Schwenk, Erwin. (See Inhoffen, H. H., Butenandt, and Schwenk.)
Schwichtenberg, Albert H., Randolph Field, Tex. Folding litter. 2,360,371 Oct. 17.
Schwier, William, Milwaukee, Wis. Turbine. 2,358,420; Sept. 19.
Schwimmer, Károly H., and E. Quittner, Budapest, Hungary; vested in the Alien Property Custodian. Camouflage. 2,349,993; May 30.
Schwinn, Frank W., Chicago, Ill. Handle-bar cushion structure. 2,341,821; Feb. 15.
Schwinn, Frank W., Chicago, Ill. Cushioned handle bar. 2,349,762; May 23.
Schwinn, Frank W., Chicago, Ill. Apparatus for assembling bicycles. 2,356,540; Aug. 22.
Schwinn, Frank W., Chicago, Ill. Handle-bar stem. 2,357,553; Sept. 5.
Schwinn, Frank W., Chicago, Ill. Bicycle frame head and cup. 2,358,035; Sept. 12.
Schwinn, Frank W., Chicago, Ill. Cushioned handlebar. 2,358,737; Sept. 19.
Schwinn, Frank W., Chicago, Ill. Cushioned handlebar. 2,358,738; Sept. 19.
Schwinn, Frank W., Chicago, Ill. Folding handle bar for bicycles. 2,366,061; Dec. 26.
Schwitzer-Cummins Company. (See Frankenfield, Titus E., assignor.)
Schwitzer-Cummins Company. (See Roland, John, assignor.)
Schylander, John F., Chicago, Ill. Ash tray and plate securing means therefor. 2,348,423; May 9.
Schrmik, Walter H., Oreland, assignor to I-T-E Circuit Breaker Company, Philadelphia, Pa. Circuit breaker compartment door operated tripping device. 2,364,480; Dec. 5.
Sciaky, David, Paris, France, assignor to Welding Research, Inc., Chicago, Ill. Machine for welding by electromagnetic storage of energy. 2,356,621; Aug. 22.
Scientific Lighting, Inc. (See Bechand, Adolph B., assignor.)
Scintilla Ltd. (See Cello, Orlando, assignor.)
Scofield, Donald W., assignor to Square D Company, Detroit, Mich. Valve. 2,343,806; Mar. 7.
Scofield, Donald W., assignor to Square D Company, Detroit, Mich. Alternating electric switch. 2,349,522; May 23.
Scofield, Herbert F., Brooklyn, N. Y. Game. 2,355,927; Aug. 15.
Scofield, Philip F. (See Heintz, R. M., and Scofield.)
Scofield, Philip F., Cleveland Heights, assignor to Jack & Heintz, Inc., Bedford, Ohio. Securing means. 2,340,620; Feb. 1.
Scofield, Philip F., and D. J. Conant, Cleveland Heights, assignors to Jack & Heintz, Inc., Bedford, Ohio. Control mechanism. 2,348,656; May 9.
Scofield, Philip F., Cleveland Heights, assignor to Jack & Heintz, Inc., Bedford, Ohio. Fan. 2,357,771; Sept. 5.
Scofield, Robert O. (See MacGregor, B. N., and Scofield.)
Scoking Locks Corporation. (See Van Housen, Thomas C., Jr., assignor.)
Scoles, Theodore R., W. Higgins, and L. Jeter, Kansas City, Mo. Cloth laying apparatus. 2,358,188; Sept. 12.
Scophony Corporation of America. (See Okolicsanyi, Ferenc, assignor.)
Scophony Corporation of America. (See Rosenthal, Adolph H., assignor.)
Scott, Alexander A., Jr., and H. H. McNaughton, assignors to The Patent Button Company of Tennessee, Knoxville, Tenn. Button molding apparatus. 2,347,972; May 2.
Scott, Alice, Grand Rapids, Minn. Oven. 2,342,496; Feb. 22.
Scott, Andrew, Gary, Ind. Aircraft engine. 2,349,383; May 23.
Scott, Angus G. (See Hanna, R. P., and Scott.)
Scott, Arthur L., assignor to Frankenberg Bros., Inc., Columbus, Ohio. Pneumatic means for stripping laminated paper stock. 2,363,442; Nov. 21.
Scott, Ashton T., Ardmore, assignor to The Sharples Corporation, Philadelphia, Pa. Manufacture of soap. 2,348,855; May 16.
Scott, Beverly H., Maywood, assignor to Lane-Wells Company, Los Angeles, Calif. Liner hanger. 2,345,888; Apr. 4.
Scott, Carlyle H., Forest Hills, and P. H. Scott, Flushing, assignors to Flush Hydrant Corp., Corona, N. Y. Flush type fire hydrant and highway construction therefor. 2,351,640; June 20.
Scott, Charles H., Summit, N. J., assignor to The Dorr Company, New York, N. Y. Sedimentation apparatus. 2,360,817; Oct. 17.
Scott, Dale C., Battleground, Wash. Jack shore. 2,363,752; Nov. 28.
Scott, Donald R. (See Jebens, G. A., Snell, Heath, Fisher, Scott, and Mouw.)
Scott, Douglas C. (See Steinhilber, Gustav W., assignor.)
Scott, Eben L., Kansas City, Mo. Electrical connecting socket and plug. 2,340,822; Feb. 1.
Scott, Eben L., Mission, Kans. Electrical outlet box. 2,340,823; Feb. 1.
Scott, Elizabeth M., Los Angeles, Calif. Can opener. 2,348,227; May 9.
Scott & Fetzer Company, The. (See Pardee, Lloyd W., assignor.)
Scott, Floyd L., assignor to Hughes Tool Company, Houston, Tex. Cutting teeth for well drills. 2,340,492; Feb. 1.
Scott, Floyd L., assignor to Hughes Tool Company, Houston, Tex. Teeth for drill cutters. 2,363,202; Nov. 21.
Scott, Frank W., assignor to Marquette Manufacturing Co., Inc., Minneapolis, Minn. Spatter and cleaning shield for electric arc welding. 2,343,158; Feb. 29.
Scott, George D., San Francisco, Calif. Tire. 2,353,935; July 18.
Scott, Gilbert W., Jacksonville, Ill. Screw driver. 2,352,917; July 4.
Scott, Harold A., Boylston, and E. W. Carlson, Auburn, Mass. Power hoisting device for tractor tools. 2,344,271; Mar. 14.
Scott, Harry A., Omaha, Nebr., assignor to Super Mold Corporation of California. Curing rubber. 2,364,167; Dec. 5.
Scott, Hermon H., Winter Hill, assignor to General Radio Company, Cambridge, Mass. Frequency-measuring device. 2,362,505; Nov. 14.
Scott, Howard, Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Steel. 2,354,147; July 18.
Scott-Iversen, Poul A., assignor to The Rover Company Limited, Chesford Grange, near Kenilworth, Warwickshire, England. Actuating the clutches of mechanically propelled vehicles. 2,345,860; Apr. 4.
Scott-Iversen, Poul A., Leamington Spa, assignor to The Rover Company Limited, Chesford Grange, near Kenilworth, Warwickshire, England. Motor vehicle. 2,358,663; Sept. 19.
Scott-Iversen, Poul A., Chesford Grange, near Kenilworth, assignor to The Rover Company Limited, Kenilworth, England. Hydraulic vehicle brake. 2,358,740; Sept. 19.
Scott, James K., Richmond, Va., assignor to American Throttle Company, Inc., New York, N. Y. Cam follower assembly. 2,343,208; Feb. 29.
Scott, John W. (See Mihalyi, Joseph, and Scott.)
Scott, Kenneth L., Western Springs, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y., Permanent magnet steel. 2,343,481; Mar. 7.
Scott, Kenneth L., Western Springs, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Heat treating apparatus. 2,348,501; May. 9.
Scott, Lloyd H., Garden City, N. Y., assignor to Eisemann Corporation, Brooklyn, N. Y. Circuit making and breaking mechanism. 2,341,390; Feb. 8.
Scott, Margaret S., et al. (See Scavullo, Angelo C., assignor.)
Scott, Merle G. (See Woody, W. B., and Scott.)
Scott, Olav, Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Fluid translating apparatus. 2,350,737; June 6.
Scott-Paine, Hubert. (See Barker, S. N., and Selman, assignors.)
Scott-Paine, Hubert. (See Selman, George S., assignor.)

Scott-Paine, Hubert, Greenwich, Conn. Mounting for guns or similar apparatus. 2,345,504; Mar. 28.
Scott-Paine, Hubert, Greenwich, Conn. Gun mounting. 2,358,105; Sept. 12.
Scott, Paul H. (See Scott, Carlyle H. and P. H.)
Scott, Thomas K., East Orange, N. J. Toolholder for vacuum cleaners. 2,355,034; Aug. 1.
Scott, Thomas L., Johnstown, Pa. Gutter hanger. 2,349,467; May 23.
Scott, Wallace J., Jr. (See Scott, Wallace J. and W. J., Jr.)
Scott, Wallace J. and W. J., Jr., White Plains, N. Y. Fuel injector for Diesel engines and the like. 2,344,565; Mar. 21.
Scott, Walter A., Poughkeepsie, assignor to The De Laval Separator Company, New York, N. Y. Milk tube. 2,341,953; Feb. 15.
Scott, Walter J. (See Cherry, G. L., Johnson, and Scott.)
Scott, Walter J., Woonsocket, R. I. Stop motion for textile apparatus. 2,364,824; Dec. 12.
Scott, William M., Jr., Bryn Mawr, assignor to I. T. E. Circuit Breaker Company, Philadelphia, Pa. Circuit breaker. 2,348,228; May 9.
Scott, William M., Jr., Byrn Mawr, assignor to I. T. E. Circuit Breaker Company, Philadelphia, Pa. Fluid blast circuit breaker. 2,359,800; Oct. 10.
Scott & Williams, Incorporated. (See Bristow, Paul W., assignor.)
Scott & Williams, Incorporated. (See Grothey, Ivan W., assignor.)
Scott and Williams, Incorporated. (See Houseman, Harold E., assignor.)
Scott & Williams, Incorporated. (See Morris, F. E., and Wagner, assignors.)
Scott & Williams, Incorporated. (See Page, F. R., and McDonough, assignors.)
Scovill Manufacturing Company. (See Richter, George F., assignor.)
Scott & Williams, Incorporated. (See Shelmire, S. R., and Cooper, assignors.)
Scott, Winfield, Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Rubber hydrochloride 2,343,834; Mar. 7.
Scott, Winfield, Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Age resister for rubber. 2,353,591; July 11.
Scott, Winfield, Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Age resister for rubber. 2,353,592; July 11.
Scott, Winfield, Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Thiazoles and thiazolines. 2,353,593; July 11.
Scott, Winfield, and R. B. Seymour, Akron, Ohio, assignors to Wingfoot Corporation, Wilmington, Del. Vinyl chloride copolymers. 2,348,154; May 2.
Scott, Winfield, Akron, Ohio, and R. B. Seymour, Allentown, Pa., assignors to Wingfoot Corporation, Wilmington, Del. Copolymers of vinyl halides. 2,361,504; Oct. 31.
Scovill Manufacturing Company. (See Bahney, L. W., and Horswell, assignors.)
Scovill Manufacturing Company. (See Huelster, Otto J., assignor.)
Scovill Manufacturing Company. (See Huelster, O. J., and Janes, assignors.)
Scovill Manufacturing Company. (See Lee, James, assignor.)
Scovill Manufacturing Company. (See Machin, Willis H., assignor.)
Scovill Manufacturing Company. (See McKnight, Robert L., assignor.)
Scovill Manufacturing Company. (See Root, Le Roy P., assignor.)
Scovill Manufacturing Company. (See Treciokas, Jacob P., assignor.)
Scovill Manufacturing Company. (See Treciokas, J. P., and MacCoul, assignors.)
Scoville, Loren P. (See Horton, F., Kemp, Nagle, and Scoville.)
Scrantom, De Hart G., Maplewood, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Knitting machine. 2,348,932; May 16.
Scranton, Charles J., La Porte, Ind., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Corn harvester. 2,340,084; Jan. 25.
Scranton, De Hart G., Maplewood, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Knitting needle. 2,352,347; June 27.
Screw Conveyor Corporation. (See Escher, Edward P., assignor.)
Screw Conveyor Corporation. (See Kozak, J. L., and Abraham, assignors.)
Scribner, Bourdon F., Washington, D. C., and C. H. Corliss, Medford, Mass., assignors to the Government of the United States, as represented by the Secretary of the Department of Commerce. Electrode holder for spectrographic analysis. 2,346,512; Apr. 11.
Scribner, William L., assignor to The Timken Roller Bearing Company, Canton, Ohio. Axle bearing seal. 2,342,092; Feb. 15.
Scriggins, Edwin P., East Orange, N. J., assignor to Jantzen Knitting Mills, Portland, Oreg. Girdle. 2,341,882; Feb. 15.
Scripto Manufacturing Company. (See (Hauton, P. S., assignor), and Marlin.)
Scripto Manufacturing Company. (See Hauton, Paul S., assignor.)
Scripto Manufacturing Company. (See Hauton, P. S., and Marlin, assignors.)
Scripto Manufacturing Company. (See Smith, Blanchard D., assignor.)
Scriptoscope Company, The. (See Katz, David, assignor.)
Scripture, Edward W., Jr., Shaker Heights, Ohio. Cement composition and making the same. 2,360,517; Oct. 17.
Scripture, Edward W., Jr., Shaker Heights, Ohio. Cement composition and making the same. 2,360,518; Oct. 17.
Scripture, Edward W., Jr., Shaker Heights, Ohio. Cement composition and making the same. 2,360,519; Oct. 17.
Scripture, Edward W., Jr., Shaker Heights, Ohio. Cement composition and making same. 2,364,555; Dec. 5.
Scruggs, William E., Houston, Tex. Article support. 2,364,003; Nov. 28.
Scruton, Herbert A. (See Sebastian, R. L., and Scruton.)
Scudder, Charles M., Wauwatosa, assignor to A. O. Smith Corporation, Milwaukee, Wis. Constructing multilayer pressure vessels. 2,359,446; Oct. 3.
Scully, John T., Lawrence, N. Y., and G. H. Wyckoff, Mountain Lakes, N. J. Casting metal ingots and apparatus therefor. 2,340,493; Feb. 1.
Scully, John T., Lawrence, N. Y. Shearing device. 2,341,665; Feb. 15.
Scully, John T., Lawrence, N. Y. Shaving machine. 2,359,880; Oct. 10.
Scully, Samuel C., and F. H. Delahunty, assignors to O. & S. Bearing Company, Detroit, Mich. Making bearings. 2,340,902; Feb. 8.
Scully, Sylvester A. (See Reynolds, W. B., and Scully.)
Scusa, Lino, Phoenix, assignor, by mesne assignments, to Continental Can Company, Inc., New York, N. Y. Manufacture of containers and the like. 2,343,331; Mar. 7.
Sea Otter Syndicate, Inc. See Noble, Warren, assignor.)
Seabold, Edward J. (See Cooper, W. B., and Seabold.)
Seaborne, Allever B., Staines, England. Quenching, washing, and silencing the exhaust emission from internal-combustion engines. 2,365,846; Dec. 26.
Seaborne, Frederick S., Harrison, assignor to Paper Patents Company, Neenah, Wis. Inlet system for paper machines. 2,347,130; Apr. 18.
Sebouh, Dickran, New York, N. Y. Lifesaving headgear. 2,362,775; Nov. 14.
Seabury, Ralph L., and R. A. Daily, Muncie, Ind., assignors to General Motors Corporation, Detroit, Mich. Manufacture of lead oxides. 2,347,131; Apr. 18.
Seabury, Ralph L., Anderson, and R. A. Dailey, Muncie, Ind., assignors to General Motors Corporation, Detroit, Mich. Manufacture of red litharge. 2,347,132; Apr. 18.
Seago, Harold M. (See Simpson, Harold W., assignor.)
Seagram, Joseph E., & Sons, Inc. (See Willkie, Herman F., assignor.)
Seagren, Carl E., Brooklyn, N. Y. Decorating edible products. 2,353,594; July 11.
Seaholm, John P., Moline, Ill., assignor to Minneapolis-Moline Power Implement Company, Minneapolis, Minn. Scraper mechanism. 2,353,790; July 18.
Séailles, Jean C., Paris, France; vested in the Alien Property Custodian. Dissolving raw aluminates of lime in water and recovering alumina from such solutions. 2,356,626; Aug. 22.
Seal, George H., Glendale, Calif. Nonglare flashlight. 2,341,822; Feb. 15.
Sealdsweet Sales Association. (See Monroe, Charles Z., assignor.)
Sealkote Corporation. (See Gleason, R. C., and Small, assignors.)
Seal-O-Strain Corporation. (See Arvins, N. A., and Arvintz, assignors.)
Sealtest, Inc. (See Trebler, Henning A., assignor.)
Seaman, Charles, Jamaica Estates, N. Y. Method of and apparatus for uniting mesh fabrics. 2,365,495; Dec. 19.
Seaman, Harry J., Milwaukee, Wis. Rotary tiller. 2,364,666; Dec. 12.
Seaman, Harry J., Milwaukee, Wis. Rotary tilling implement. 2,364,667; Dec. 12.
Seamans, Harold G., Spring Lake, Mich. Heating torch burner. 2,359,251; Sept. 26.
Seamark, Lewis M. C., Pyne Cliff, Lyme Regis, England. Pipe and other coupling. 2,346,051; Apr. 4.
Seamark, Lewis M. C., Lyme Regis, England. Valve. 2,346,052; Apr. 4.
Seamless Rubber Company, The. (See Madsen, Paul S., assignor.)
Searle, G. D., & Co. (See Speer, John H., assignor.)
Searle, G. D., & Co. (See Raymond, A. L., and Schroeder, assignors.)
Searle, Marshall O., Beverly Hills, Calif. Apparatus for applying insulating tubing on wire cables, conduits, and the like. 2,347,003; Apr. 18.
Searle, Marshall O., Beverly Hills, Calif. Clutch assembly for ferruling machines. 2,351,155; June 13.
Searle, Marshall O., Beverly Hills, Calif. Apparatus for applying insulating tubing on wire cables, conduits, and the like. 2,359,532; Oct. 3.

Searles, Amos, Moscow, Pa., and C. A. Swarts, Yonkers, N. Y. Idler roller for belt conveyers. 2,353,510; July 11.

Sears, Joseph N., assignor to Schlage Lock Company, San Francisco, Calif. Anodic treatment of ferrous metals. 2,357,554; Sept. 5.

Sears, Richard E., assignor to Willard Storage Battery Company, Cleveland, Ohio. Electrical testing apparatus and method. 2,352,499; June 27.

Sears, Richard W., II, Grayslake, Ill. Record. Re. 22,468; Apr. 4.

Sears, Richard W., II, Grayslake, Ill. Multiple speed phonograph turn-table. 2,353,370; July 11.

Sears, Richard W., II, Evanston, Ill. Record. 2,353,369; July 11.

Sears, Roebuck and Co. (See Carpenter, John C., assignor.)

Sears, Roebuck and Co. (See McConnell, C. F., and Smith, assignors.)

Sears, Roebuck and Co. (See Morgan, F. M., and McKay, assignors.)

Sears, Roebuck and Co. (See Morgan, F. M., and Wallace, assignors.)

Sears, Roebuck and Co. (See Nicholson, Madison G., Jr., assignor.)

Sears, Roebuck and Co. (See Olsen, M. R., Reid, and Higgins, assignors.)

Sears, Roebuck and Co. (See Sampeel, Arthur V., assignor.)

Sears, Roebuck and Co. (See Struthers, George H., assignor.)

Sears, Roebuck and Co. (See Wallace, Stanley, assignor.)

Sears, Roebuck and Co. (See Wolf, R. J., and Dunville, assignors.)

Sears, Roebuck and Co. (See Zink, W. L., and Aasland, assignors.)

Seaton, Jesse L., Springfield, Mo. Tire capping machine. 2,338,462; Jan. 4.

Seaton, Max Y., Greenwich, Conn., assignor, by mesne assignments, to L. Caldwell, Los Angeles, Calif. Improving the physical properties of a synthetic hydrated magnesium silicate decolorizing material. 2,353,970; July 18.

Seaton, Robert R., Deer Park, assignor of one-third to A. W. Wehner, Cincinnati, and one-third to R. Niebuach, Hamilton County, Ohio. First-aid kit. 2,357,555; Sept. 5.

Sebald, Joseph F., Bloomfield, assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Water treating apparatus. 2,355,564; Aug. 8.

Sebald, Joseph F., Bloomfield, and M. P. Robinson, Upper Montclair, N. J., and H. G. Wood, Bronxville, N. Y., assignors to Worthington Pump and Machinery Corporation, Harrison, N. J. Proportioning apparatus. 2,365,298; Dec. 19.

Sebald, Joseph F., Arlington, N. J., and A. Kazutow, New York, N. Y., assignors to Worthington Pump and Machinery Corporation, Harrison, N. J. Mixing device for water treating apparatus. 2,342,559; Feb. 22.

Sebastian, Edward. (See Dodson, Mark, assignor.)

Sebastian, James R. (See Woldring, B., and Sebastian.)

Sebastian, Robert L., New York, N. Y., and H. A. Scruton, Baltimore, Md., assignors to the Secretary of War of the United States of America, and his successors in office, in trust. Protective fabric. 2,354,707; Aug. 1.

Sebell, Harry, Marblehead, assignor of one-half to A. H. Parker, Lexington, Mass. Container. 2,340,568; Feb. 1.

Sebell, Harry, Marblehead, assignor of one-half to A. H. Parker, Lexington, Mass. Container. 2,351,550; June 13.

Sebestyén, László, Budapest, Hungary; vested in the Alien Property Custodian. Antioscillation suspension for beds and the like. 2,352,024; June 20.

Sebo, Joseph, Pekin, assignor of one-fourth to C. K. Woodin, Chicago, and one-fourth to E. V. Champion and F. J. Lee, Peoria, Ill. Vapor cooling for motors. 2,343,388; Mar. 7.

Sebok, Joseph B., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Air cleaner. 2,365,299; Dec. 19.

Seborg, Earnest Y. (See Caldwell, H. J., and Seborg.)

Seborg, Raymond M. (See Stamm, A. J., and Seborg.)

Sebring, Elias R. (See Swank, Harry K., assignor.)

Security Engineering Co. (See Hammer, Otto, assignor.)

Seddon, Robert V. (See Traill, D., Seddon, and Sever.)

Sedgwick, Harry A., Shorewood, Wis. Pressure regulator for presses and the like. 2,344,114; Mar. 14.

See, Daniel M., Ridgefield, Conn. Lipstick case. 2,355,565; Aug. 8.

See, Melvin J. (See Baille, J. C., and See.)

Seebach, Lloyd F. (See Holmes, F. M. E., and Seebach.)

Seeburg, J. P., Corporation. (See Eakins, John F., assignor.)

Seeburg, J. P., Corporation. (See Johnson, Carl G., assignor.)

Seeck, Ferdinand W., Lebanon, Oreg. Gearless variable speed transmission. 2,364,393; Dec. 5.

Seeger, Edwin W. (See Radley, G. R., and Seeger.)

Seeger, Edwin W., Wauwatosa, assignor to Cutler, Hammer, Inc., Milwaukee, Wis. Controller for electric motors. 2,354,406; July 25.

Seeger, Edwin W., Wauwatosa, J. A. Senn, Milwaukee, and C. Stansbury, Wauwatosa, assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Motor operated automatic regulator. 2,346,704; Apr. 18.

Seeger, Nelson V. (See Lichty, J. G., and Seeger.)

Seegers, Hans. (See Rose, A. D., and Seegers.)

Seely, George A. (See Chambers, E. G., Kling, and Seeley.)

Seely, George A. (See Frankwich, A. C., and Seely.)

Seeley, Harold T., Lansdowne, Pa., assignor to General Electric Company. Protective system. 2,357,138; Aug. 29.

Seeley, Lauren E., New Haven, Conn. Stove. 2,348,933; May 16.

Seeley, Stuart W., Roslyn, N. Y., assignor to Radio Corporation of America. Wave length modulation. 2,353,204; July 11.

Seeley, Stuart W., Roslyn Heights, N. Y. assignor to Radio Corporation of America. Electrical circuit. 2,359,447; Oct. 3.

Seeloff, Melvin M. (See Smith, Clyde E., and Seeloff.)

Seely, Harold E., Ottawa, Ontario, Canada. Optical beam directing device. 2,352,570; June 27.

Seem, Charles B., assignor to Dutchess Tool Company, Inc., Beacon, N. Y. Dough divider. 2,351,839; June 20.

Seem, Charles B., assignor to Dutchess Tool Company, Inc., Beacon, N. Y. Dough divider. 2,351,840; June 20.

Seem, Charles B., Beacon, N. Y., assignor to Dutchess Tool Company, Inc. Dough divider and rounder. 2,351,841; June 20.

Seem, Robert W. (See Hathorne, B. L., and Seem.)

Seemann, Johannes, Jena, Germany; vested in the Alien Property Custodian. Arrangement of rotary shutters for stereophotogrammetric plotting. 2,362,090; Nov. 7.

Seewer, Paul W., Rugby, assignor to The English Electric Company Limited, London, England. Operating gear for adjustable propeller blades. 2,357,229; Aug. 29.

Seewer, Paul W., Rugby, assignor to The English Electric Company Limited, London, England. Hydraulic turbine. 2,357,228; Aug. 29.

Segal, Hyman R., New York, N. Y. Fastener. 2,341,575; Feb. 15.

Segal, Samuel, Brooklyn, N. Y. Key retainer. 2,339,297; Jan. 18.

Segal, Samuel, Brooklyn, N. Y. Lipstick holder. 2,343,934; Mar. 14.

Segal, Samuel, Brooklyn, N. Y. Tubular lock. 2,351,077; June 13.

Segal, Samuel, Brooklyn, N. Y. Measuring wheel for skates. 2,354,708; Aug. 1.

Segal, Samuel, Brooklyn, N. Y. Key retainer. 2,358,351; Sept. 19.

Segeberg, Thomas D., Somerville, Mass. Tool for cutting and threading pipe. 2,350,700; June 6.

Segel, Joseph, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Regulator auxiliary. 2,351,156; June 13.

Seger, Francis M., Pitman, and E. M. Nygaard, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Fuel composition. 2,355,261; Aug. 8.

Segesman, Francis F., Freer, assignor to Schlumberger Well Surveying Corporation, Houston, Tex. Electrical depth marker. 2,350,832; June 6.

Segesemann, Ernest, Newark, assignor to National Oil Products Company, Harrison, N. J. Mixed esters. 2,365,300; Dec. 19.

Seghers, Joseph P., Portland, Oreg. Vehicle. 2,361,323; Oct. 24.

Segschneider, Rudolph G. (See Kaufman, H. H., and Segschneider.)

Segur, Asa B., Oak Park, Ill. Cutter feed-control means for machining apparatus. 2,360,725; Oct. 17.

Seguy, Jean D., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 2,348,576; May 9.

Seguy, Jean D., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,352,025; June 20.

Seib, Jakob, Suhl, Germany; vested in the Alien Property Custodian. Joint. 2,342,305; Feb. 22.

Seibel, Charles F. (See Busch, A. J., Henry, and Seibel.)

Seibel, Charles F., Glen Rock, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,351,551; June 13.

Seiberling Latex Products Company. (See Sidnell, Albert E., assignor.)

Seiberlich, Joseph K. H., Medfield, Mass. Starch modification. 2,347,849; May 2.

Seibert, Charles F., Alton, Ill., assignor to Owens-Illinois Glass Company. Article selecting and transfer mechanism. 2,359,252; Sept. 26.

Seibold, Paul F., Newport, assignor to Michigan Tool Company, Detroit, Mich. Gear grinding machine. 2,351,842; June 20.

Seidel, George R. (See Daiger, W. H., and Seidel.)

Seidel, Kamill. (See Harrington, F. T., Seidel, and Shartle.)

Seiden, Herman, Plainfield, N. J., assignor of one-half to L. Okun, New York, N. Y. Hatband. 2,339,587; Jan. 18.

Seifert, John B., Springtown, Pa. Mold. 2,344,738; Mar. 21.

Seifert, Harry H., Troy, N. Y. Power supply system. 2,340,621; Feb. 1.

Seiffert, Otto E., Detroit, Mich. Key for locks. 2,356,891; Aug. 29.

Seifried, Richard, assignor to North American Aviation, Inc., Inglewood, Calif. Bending and beveling machine. 2,357,027; Aug. 29.

Seil, Gilbert E., Cynwyd, assignor to E. J. Lavino and Company, Philadelphia, Pa. Conditioned refractory material. 2,358,107; Sept. 12.

Seil, Harvey A., Rutherford, N. J., and H. Cole, New York, assignors, by mesne assignments, to W. W. Frankel, New York, N. Y., and J. L. Fox, Chicago, Ill., as trustees. Printing ink and preparing the same. 2,352,659; July 4.

Seiler, James F., Washington, D. C., assignor to American Wood-Preservers' Association. Shear developer. 2,364,481; Dec. 5.

Seiler, John, Maricopa County, Ariz. Bookrack. 2,364,482; Dec. 5.

Seismograph Service Corporation. (See Pugh, William E., assignor.)

Seifter, Donaldson, assignor to Tungsten Carbide Tool Company, Detroit, Mich. Facing tool. 2,356,359; Aug. 22.

Seitz, John G., San Francisco, assignor to S. I. Keene, Oakland, Calif. Firing mechanism. 2,350,833; June 6.

Seitz, John G., assignor to S. I. Keene, San Francisco, Calif. Firearm. 2,365,440; Dec. 19.

Seitz, William. (See Zimmer, J. C., and Seitz.)

Selas Company, The. (See Hess, F. O., and Ehlinger, assignors.)

Selas Corporation of America. (See Blaha, Emil, assignor.)

Selas Corporation of America. (See Hess, Frederic O., assignor.)

Selas Corporation of America. (See Hess, F. O., and Wakefield, assignors.)

Selberg, Clarence M., Los Angeles, Calif. Hose clamp wrench. 2,349,887; May 30.

Selberg, John P. (See McEwen, J., and Selberg.)

Selby, Dwight E., deceased, late of Seattle, Wash., by C. A. Andresen, executor, Seattle, Wash., assignor of one-half to C. M. Harbough and I. Cherry, Salem, Oreg., and one-half to A. P. Peters, San Francisco, Calif. Angle toolholder. 2,348,286; May 9.

Selby Shoe Company, The. (See Like, Ernest, assignor.)

Selection Engineering Co. Limited. (See Brunton, B., and Booth, assignors.)

Seletz, Emil, Los Angeles, Calif. Anticoncussion helmet. 2,354,840; Aug. 1.

Self-Priming Pump & Engineering Co. Limited. (See Watson, Frederick J., assignor.)

Seligman, Roger A. L., and H. H. Schwarzkopf, New York, and J. G. Van Otterloo, Yonkers, N. Y., assignors, by mesne assignments, to said Seligman. Diamond-containing abrasive substance. 2,360,798; Oct. 17.

Sell, Daniel, Kansas City, Mo. Lawn mower sharpener. 2,355,754; Aug. 15.

Sell, Daniel G., Kansas City, Mo. Window sash stopping device. 2,350,706; June 6.

Sell, Francis M., assignor to The National Marking Machine Company, Cincinnati, Ohio. Pencil for laundry marking. Re. 22,530; Aug. 15.

Sell, Francis M., assignor to The National Marking Machine Company, Cincinnati, Ohio. Pencil for laundry marking. 2,347,644; May 2.

Sellars, Oliver H., Glen Ridge, N. J., assignor to Ingersoll-Rand Company, New York, N. Y. Mounting for drilling tools. 2,362,161; Nov. 7.

Sellers, Alexander, Jr. (See Bond, W. G., and Sellers.)

Sellers, Percy. (See Hodnette, J. K., Leonard, and Sellers.)

Sellers, William, & Company. (See Ligenbrink, Hermann E. F. C., assignor.

Sellers, Wm. & Company. (See Miller, William R., assignor.)

Sellers, William D., Glen Ellyn, and A. G. Gross, Wilmette, Ill., assignors to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,343,227; Feb. 29.

Sells, Ogden S., and H. L. Porch, Riverside, assignors to Food Machinery Corporation, San Jose, Calif. Treating fruit. 2,342,063; Feb. 15.

Selman, George S. (See Barker, S. N., and Selman.)

Selman, George S., Hythe, assignor to Hubert Scott-Paine, Hythe, Southampton, England. Gun mounting. 2,344,566; Mar. 21.

Selnes, Alf K., assignor to Ex-Cell-O Corporation, Detroit, Mich. Lead control device. 2,350,538; June 6.

Selnes, Alf K., assignor to Ex-Cell-O Corporation, Detroit, Mich. Grinding machine and method. 2,363,559; Nov. 28.

Selten, Bernard A., Los Angeles, Calif. Drinking unit. 2,358,600; Sept. 19.

Seltzer, Richard J. (See Bisbee, D. P., Seltzer, and Thayer.)

Selvig, John N., Westfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Dividing fluids. 2,346,795; Apr. 18.

Selvig, John N., Westfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Strand handling apparatus. 2,348,856; May 16.

Semar, Harold W., Drexel Hill, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Gear checking apparatus. 2,345,298; Mar. 28.

Sembdner, Gustav, Berlin-Tempelhof, Germany; vested in the Alien Property Custodian. Railway wheel. 2,338,977; Jan. 11.

Seme, John J. (See Preziosi, P. M., and Seme.)

Seme, John J., Maple Heights, assignor to Jack & Heintz, Inc., Bedford, Ohio. Chamfering tool. 2,352,348; June 27.

Seme, John J., Maple Heights, assignor to Jack & Heintz, Inc., Bedford, Ohio. Chuck. 2,353,371; July 11.

Seme, John J., Maple Heights, assignor, by mesne assignments, to Jack & Heintz, Inc., Cleveland, Ohio. Snap ring assembling tool. 2,357,139; Aug. 29.

Semler, Clyde M., Cuyahoga Falls, Ohio. Vulcanizing apparatus. 2,348,229; May 9.

Semmler, Rudolph E. (See Geier, B. C., and Semmler.)

Semon, Waldo L., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Purification of nitriles. 2,351,187; June 13.

Semon, Waldo L., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Purification of mercaptans. 2,355,335; Aug. 8.

Senacon Service Company. (See Smith, Neil V., assignor.)

Seneca Falls Machine Company. (See Smith, Edwin R., assignor.)

Seney, James C., deceased, assignor of one-third to H. Freeman, Lawrence, and one-third to I. E. Freeman, Brookline; L. E. B. Seney, administratrix, assignor of one-third to H. Freeman, Lawrence, and I. E. Freeman, Brookline, Mass. Dust removing device for dry mops. 2,359,390; Oct. 3.

Seney, Laura E. B., administratrix. (See Seney, James C.)

Senfleben, Paul W., Malden, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Winding machine. 2,343,935; Mar. 14.

Senfleben, Paul W., Malden, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Bobbin winding machine. 2,348,857; May 16.

Seng Company, The. (See Fox, Martin, assignor.)

Sengenberger, Donald F., Waukegan, Ill., assignor to The American Steel and Wire Company of New Jersey. Machine for opening or lapping wire drawing dies and the like. 2,366,062; Dec. 26.

Senger, Norbert. (See Scaneider, W., and Senger.)

Sengpiel, William J., assignor to The Sikes Company, Buffalo, N. Y. Chair. 2,347,753; May 2.

Sengstaken, John H. (See Karlsson, P. H., and Sengstaken.)

Senkus, Murray, assignor to Commercial Solvents Corporation, Terre Haute, Ind. Beta-aminoalkyl acetals. 2,363,464; Nov. 21.

Senkus, Murray, assignor to Commercial Solvents Corporation, Terre Haute, Ind. N-substituted amino alcohols and making same. 2,363,465; Nov. 21.

Senkus, Murray, assignor to Commercial Solvents Corporation, Terre Haute, Ind. Aminoalkanediols. 2,363,466; Nov. 21.

Senn, James, Berne, Switzerland. Device for manufacturing CO_2-butter from cream and milk. 2,351,458; June 13.

Senn, Jurg A. (See Seeger, E. W., Senn, and Stansbury.)

Senn, Otto. (See Knecht, O., and Senn.)

Sensel, Eugene E. (See Goldsby, A. R., and Sensel.)

Sensel, Eugene E., and A. R. Goldsby, Beacon, assignors, by mesne assignments, to The Texas Company, New York, N. Y. Conversion of hydrocarbons. 2,350,834; June 6.

Sensenig, Miles L. (See Dellinger, P. C., and Sensenig.)

Separation Process Company. (See Hellmann, Thorbjorn, assignor.)

Sepessy, Erika H., San Francisco, Calif. Hosiery. 2,342,974; Feb. 29.

Serai, Kiichi, assignor to Hawaiian Pineapple Company, Limited, Honolulu, T. H. Envelope folding and gluing machine. 2,349,056; May 16.

Serck Radiators Limited. (See Garner, Edward, assignor.)

Serduke, James T., Berkeley, Calif. Device for collecting electric current. 2,345,835; Apr. 4.

Sermattei, John P. (See Rhodes, C. M., and Sermattei.)

Sermattei, John P., Minneapolis, and C. M. Rhodes, St. Paul, assignors to Replnwax Paper Company, Minneapolis, Minn. Coated sheet and producing the same. 2,350,292; May 30.

Serr, William F., assignor to Yankfrank, Inc., New York, N. Y. Coring machine. 2,359,881; Oct. 10.

Servel, Inc. (See Anderson, Philip P., Jr., assignor.)

Servel, Inc. (See Andersson, Sven W. E., assignor.)

Servel, Inc. (See Ashby, Carl T., assignor.)

Servel, Inc. (See Blomqvist, G. M., and Torstensson, assignors.)

Servel, Inc. (See Ehnbom, Bo K. G., assignor.)

Servel, Inc. (See Grossman, Franklin A., assignor.)

Servel, Inc. (See Heath, Dudley E., assignor.)

Servel, Inc. (See Hainsworth, William R., assignor.)

Servel, Inc. (See Hedlund, William T., assignor.)

Servel, Inc. (See Miller, Cary, assignor.)

Servel, Inc. (See Miller, Charles A., assignor.)
Servel, Inc. (See Miller, F. R., and Roud, assignors.)
Servel, Inc. (See Roswell, Charles A., assignor.)
Servel, Inc. (See Shagaloff, Harry C., assignor.)
Servel, Inc. (See Sherwood, Thomas K., assignor.)
Servel, Inc. (See Shnart, Arthur C., assignor.)
Servel, Inc. (See Soroka, Walter W., assignor.)
Servel, Inc. (See Taylor, Robert S., assignor.)
Servel, Inc. (See Thomas, Albert R., assignor.)
Service Diamond Tool Company. (See Hammill, D. R., and Small, assignors.)
Service Supply Corporation. (See Lawler, Frank P., assignor.)
Sessions, William C. (See Brown, J. W., Jr., and Sessions.)
Sessums, John W., Jr., Washington, D. C. Aircraft flight indicator. 2,364,102; Dec. 5.
Sestan, Arthur, Hoboken, N. J. Grip or container vehicle. 2,344,272; Mar. 14.
Setchell, Barton T., St. Paul, Minn. Antenna system. 2,360,726; Oct. 17.
Setter Bros. Inc. (See Decker, Sol, assignor.)
Setter Bros. Inc. (See Perkins, Hiram A., assignor.)
Setterwall, Folke N. H., Stockholm, Sweden, assignor, by mesne assignments, to American Heat Reclaiming Corporation, New York, N. Y. Heat reclaiming system. 2,360,000; Oct. 24.
Settlage, Robert R. (See Walker, H. J., and Settlage.)
Setnicka, John C., Cicero, Ill. Fish bait. 2,340,569; Feb. 1.
Setzer, Albert, North Scituate, R. I. Electric storage battery. 2,349,763; May 23.
Sevastopulos, Eleftheria. (See Sevastopulos, Nick, assignor.)
Sevastopulos, Nick, assignor to E. Sevastopulos, New York, N. Y. Container for tobacco, cigarettes, and pipe cleaners and the like articles. 2,336,067; Apr. 4.
Sever, William. (See Dickson, J. P., and Sever.)
Sever, William. (See Traill, D., Seddon, and Sever.)
Severance, Glen R. (See Sherrer, J. M., Severance, and Huntington.)
Severance, Glen R., assignor to Eureka Vacuum Cleaner Company, Detroit, Mich. Vacuum cleaner. 2,340,347; Feb. 1.
Severance, Glen R., assignor to Eureka Vacuum Cleaner Company, Detroit, Mich. Electrically operated gun. 2,340,991; Feb. 8.
Severance, Glen R., F. K. Comiskey, and H. E. Jones, assignors to Eureka Vacuum Cleaner Company, Detroit, Mich. Flare pistol. 2,360,168; Oct. 10.
Severson, Ole C., Shelton, Conn. Adapter. 2,361,324; Oct. 24.
Sewell, Benjamin W., Tulsa, Okla., assignor to Standard Oil Development Company. Retractable hard formation bit. 2,338,670; Jan. 4.
Sewell, Benjamin W., Tulsa, Okla., assignor to Standard Oil Development Company. Pressure core barrel. 2,343,606; Mar. 7.
Sexton, Clifford F. (See Reinhardt, J. C., and Sexton.)
Sexton, Everett P., Jeannette, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake system. 2,344,902; Mar. 21.
Seybold, Frederick W., Westfield, N. J. Automatic transmission. 2,366,063; Dec. 26.
Seydel-Woolley & Company. (See Woolley, Vasser, assignor.)
Seyferth, Harold N. (See Snader, I. J., and Seyferth.)
Seyferth, Herbert, Buffalo, N. Y., assignor to Allied Chemical & Dye Corporation. Detergent composition. 2,347,336; Apr. 25.
Seyferle, William J., Cincinnati, Ohio. Adjustable foot structure. 2,365,730; Dec. 26.
Seymour, George W., Cumberland, Md., assignor to Celanese Corporation of America. Printing process. 2,347,289; Apr. 25.
Seymour, George W., and V. S. Salvin, Cumberland, Md., assignors to Celanese Corporation of America. Azo dye. 2,339,358; Jan. 18.
Seymour, George W., and V. S. Salvin, Cumberland, Md., assignors to Celanese Corporation of America. Azo dyes. 2,345,010; Mar. 28.
Seymour, George W., and V. S. Salvin, Cumberland, Md., assignors to Celanese Corporation of America. Preparation of intermediates. 2,357,912; Sept. 12.
Seymour, George W., and V. S. Salvin, Cumberland, Md., assignors to Celanese Corporation of America. Production of heterocyclic nitrogen ring compounds. 2,359,391; Oct. 3.
Seymour, George W., and B. B. White, Cumberland, Md., assignors to Celanese Corporation of America. Preparation of cellulose esters. 2,363,091; Nov. 21.
Seymour, Harry B., Pearl River, N. Y. Sectional inking roller for printing presses. 2,356,010; Aug. 15.
Seymour, Herbert T., Easton, Md., assignor to A. R. Exiner, Chicago, Ill. Double seal siding. 2,354,639; July 25.
Seymour, Raymond B. (See Payne, C. R., and Seymour.)
Seymour, Raymond B. (See Scott, W., and Seymour.)
Seymour, Wray S. (See Silva, F. G., and Seymour.)
Sgoda Corporation. (See Williams, Ira, assignor.)
Sgoda Corporation. (See Williams, I., and Milliman, assignors.)
Shaad, George E. (See Edwards, M. A., Garr, and Shaad.)
Shaad, George E. (See Garr, D. E., and Shaad.)
Shack, Irving, Brooklyn, N. Y., and E. A. Wilson, Rutherford, N. J., assignors to Interchemical Corporation, New York, N. Y. Alkali-resistant iron blue. 2,342,429; Feb. 22.
Shackelford, William G., Wood County, W. Va., and A. L. Wiley, Baltimore, Md., assignors to F. X. Hooper Company. Roll lift strand. 2,346,948; Apr. 18.
Shackleton, Harry, Penn Fields, Wolverhampton, and A. D. Pochin, Hammerwich, near Walsall, England, assignors to The Yale and Towne Manufacturing Company, Stamford, Conn. Hand truck for transporting machinery and the like. 2,342,430; Feb. 22.
Shackleton, Samuel P., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Gas pressure alarm system for cables. 2,346,401; Apr. 11.
Shadden, Flossie P., et al. (See Davies, Arthur E., assignor.)
Shade, Robert W., Vancouver, British Columbia, Canada. Power chain saw. 2,357,230; Aug. 29.
Shaefer, William E. (See Schults, E. D., and Shaefer.)
Shaeffer, George D., assignor to Gar Wood Industries, Inc., Detroit, Mich. Angledozer. 2,347,290; Apr. 25.
Shaeffer, George D., assignor to Gar Wood Industries, Inc., Detroit, Mich. Scraper. 2,347,291; Apr. 25.
Shafer, Arthur C., Rockaway, N. J. Cover lifter. 2,339,819; Jan. 25.
Shafer, George E., assignor to The American Rolling Mill Company, of Middletown, Ohio. Reinforced wooden culvert and the like. 2,355,336; Aug. 8.
Shafer, Orville B., Owego, assignor to International Business Machines Corporation, New York, N. Y. Multiplying machine. 2,338,206; Jan. 4.
Shaff, Ernest H., Bryan, Ohio, assignor to Bendix Aviation Corporation, South Bend, Ind. Carburetor. 2,342,975; Feb. 29.
Shaff, Ernest H., assignor to William H. Keller, Inc., Grand Haven, Mich. Impact clutch. 2,343,332; Mar. 7.
Shaff, Ernest H., assignor to Keller Tool Company, Grand Haven, Mich. Coupling device. 2,344,739; Mar. 21.
Shaff, Ernest H., assignor to Keller Tool Company, Grand Haven, Mich. Hose coupling device. 2,344,740; Mar. 21.
Shaff, Ernest H., assignor to Keller Tool Company, Grand Haven, Mich. Operation controlling means for pressure fluid actuated tools. 2,354,841; Aug. 1.
Shaff, Ernest H., Spring Lake, assignor to Keller Tool Company, Grand Haven, Mich. Fluid operated mechanism. 2,364,004; Nov. 28.
Shaff, Ernest H., Grand Haven, Mich., assignor to Bendix Products Corporation, South Bend, Ind. Carburetor. 2,365,910; Dec. 26.
Shaffer, Charles H., Lancaster, N. Y. Coremaking machine. 2,350,253; May 30.
Shaffer, Cleve F., et al. (See Fanger, Herman J., assignor.)
Shaffer, Cleve F., et al. (See Fanger, H. J., and Gruenhagen, assignors.)
Shaffer, Cleve F., San Francisco, H. J. Fanger, Piedmont, and H. Gruenhagen, Oakland, Calif. Portable grenade gun. 2,353,971; July 18.
Shaffer, Donald U., Brea, Calif. Pressure regulated, straight pull jar mechanism. 2,354,709; Aug. 1.
Shaffer, Kenneth E., Richmond, Calif. Automatic arc striking starter circuit. 2,364,920; Dec. 12.
Shaffer, Morris F. (See Rake, G. W., and Shaffer.)
Shafor, Ralph W., assignor to The Dorr Company, Inc., New York, N. Y. Apparatus and conducting ionic exchange operations. 2,365,221; Dec. 19.
Shafter, Ruland R. (See Walker, R. S., Merts, and Shafter.)
Shagaloff, Harry C., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Wick type oil burner control. 2,363,443; Nov. 21.
Shaller, John L., Brooklyn, N. Y., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Snare lamp carton. 2,358,664; Sept. 19.
Shaller, Philip B., Middlebury, assignor to The Autoyre Company, Incorporated, Oakville, Conn. Fixture element. 2,356,703; Aug. 22.
Shakespeare Products Company. (See Batterson, Ernest W., assignor.)
Shakespeare Products Company. (See Shipley, Robert, assignor.)
Shakman, James G., Wilmette, assignor to Pabst Brewing Company, Chicago, Ill. Container. 2,340,229; Jan. 25.
Shaks, William P., New York, N. Y. Ventilated shoe. 2,354,407; July 25.
Shallcross, Wilmer M. (See Malone, H. E., and Shallcross.)
Shallenberg, Walter A., assignor to The Deming Company, Salem, Ohio. Impeller pump. 2,364,168; Dec. 5.
Shallis, Bertie. (See Elvin, W. J., and Shallis.)
Shallock, Edward W., assignor to American Ore Reclamation Company, Chicago, Ill. Mixing distributor. 2,356,096; Aug. 15.
Shand and Jurs Company. (See Jurs, A. E., Jr., and Blake, assignors.)
Shand and Jurs Company. (See Jurs, E. E., and Denham, assignors.)
Shandal, Ted. (See Bender, Sydney E., assignor.)

Shandrew, Myrtle, administratrix. (See Schmidt, F. M., and Smith.)
Shanley, Connor B., Kirkwood, Mo. Mold-facing sands 2,348,155; May 2.
Shanley, Edward S. (See Kauffmann, H. O., and Shanley.)
Shanley, William B., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 2,344,950; Mar. 28.
Shanley, William B., assignor to Universal Oil Products Company, Chicago, Ill. Treating hydrocarbons. 2,340,401; Apr. 11.
Shankland, Rodney V. (See Heard, L., Shankland, and Ballie.)
Shann, Oscar A., Short Hills, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone set. 2,351,459; June 13.
Shann, Oscar A., Short Hills, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone set. 2,361,880; Oct. 31.
Shannon, Ellis D., Baltimore, assignor to The Glenn L. Martin Company, Middle River, Md. Auxiliary airfoil. 2,353,856; July 18.
Shannon, Harvey D., Westfield, N. J., assignor to Bakelite Corporation, New York, N. Y. Method of impregnating bamboo with synthetic resin. 2,352,740; July 4.
Shannon, James F., Bellevue, Wash. Fireplace screen. 2,356,892; Aug. 29.
Shannon, Jean R., assignor to The Four Wheel Drive Auto Co., Clintonville, Wis. Motor toboggan. 2,339,886; Jan. 25.
Shannon, Roy C., Denver, Colo. Signal lantern. 2,344,175; Mar. 14.
Shannon, William W., assignor to W. & L. E. Gurley, Troy, N. Y. Oscillation circuit. 2,355,606; Aug. 15.
Shaper, Lawrence A., et al. (See Vladu, John, assignor.)
Shapiro, Abraham, Monrovia, Calif., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Method of removing wax deposits from oil-well tubing. 2,358,665; Sept. 19.
Shapiro, Ascher H. (See Reinhardt, A. E., Boissevain Shapiro, and Cady.)
Shapiro, Harry B., Willoughby, assignor to The Brush Development Company, Cleveland, Ohio. Transducer. 2,353,089; July 4.
Shapiro, Samuel, Brooklyn, N. Y. Illuminated knitting needle. 2,344,370; Mar. 14.
Shapkauski, William G. (See Clesa, G., Hoenke, Kopas, and Shapkauski.)
Shapley Chemicals Inc. (See McKenna, James F., assignor.)
Shappirio, Sol, et al. (See Grant, Rudolph R., assignor.)
Shappirio, Sol, Washington, D. C. Edible oils and fats. 2,338,207; Jan. 4.
Shappirio, Sol, Washington, D. C. Composition containing antioxidant. 2,352,229; June 27.
Shappirio, Sol, Washington, D. C. Motor fuels. 2,356,476; Aug. 22.
Sharar, Fred H., Williamsport, Pa. Charge fuming device. 2,349,116; May 16.
Sharkey, Francis W., and F. J. Redcliffe, New York, N. Y. Loop-forming needle. 2,365,013; Dec. 12.
Sharp & Dohme, Incorporated. (See Barr, Courtland H., assignor.)
Sharp & Dohme, Incorporated. (See Cope, Arthur C., assignor.)
Sharp & Dohme, Incorporated. (See Daughenbaugh, Paul J.)
Sharp & Dohme, Incorporated. (See Johnson, Treat B., assignor.)
Sharp, Douglas F. (See Carlson, E. C., and Sharp.)
Sharp, John H., Chicago, Ill. Conveyer. 2,338,359; Jan. 4.
Sharpe, John S., Haverford, Pa. Mechanical device. 2,343,333; Mar. 7.
Sharpe, John S., Haverford, Pa. Mechanical movement. 2,343,334; Mar. 7.
Sharp, Paul F., assignor to Cornell Research Foundation, Inc., Ithaca, N. Y. Check valve. 2,355,663; Aug. 15.
Sharpe, Alfred H., Buffalo, N. Y., and V. Walker, Fort Erie, Ontario, Canada, assignors to AlnCin, Inc., Buffalo, N. Y. Optical device and manufacture thereof. 2,354,091; July 18.
Sharpe, Joseph A., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Seismic prospecting. 2,355,826; Aug. 15.
Sharpe, Robert H., Oakland, Calif. Mower cutter bar support. 2,339,820; Jan. 25.
Sharples Chemicals Inc. (See Faith, William L., assignor.)
Sharples Chemicals Inc. (See Goshorn, Roland H., assignor.)
Sharples Corporation, The. (See Jones, Leo D., assignor.)
Sharples Chemicals Inc. (See Olin, J. F., and Deger, assignors.)
Sharples Chemicals Inc. (See Olin, J. F., and McKenna, assignors.)
Sharples Corporation, The. (See Scott, Ashton T., assignor.)
Sharples Corporation, The. (See Sharples, Laurence P., assignor.)
Sharples Corporation, The. (See Stahl, H. A., and Jones, assignors.)
Sharples, Laurence P., Ardmore, assignor to The Sharples Corporation, Philadelphia, Pa. Oil purifying system. 2,354,352; July 25.
Sharpnack, George. (See Pekar, Albert G.)
Shartle, Robert A. (See Harrington, F. T., Griffith, and Shartle.)
Shartle, Robert A. (See Harrington, F. T., Seidel, and Shartle.)
Shartle, Robert A., Rockford, Ill., assignor to Vickers Incorporated, Detroit, Mich. Power transmission. 2,353,791; July 18.
Shaver, Florence R., and H. L. Redfield, Brooklyn, N. Y. Two-wheel shopping cart. 2,364,246; Dec. 5.
Shaver, John, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Pole changer. 2,338,208; Jan. 4.
Shaver, Ward, assignor to Skelly Oil Company, Tulsa, Okla. Tabular column leaf. 2,345,861; Apr. 4.
Shaver, William W. (See Kiehl, H. R., and Shaver.)
Shaw, Benjamin C., Saco, Maine, assignor to Saco-Lowell Shops, Boston, Mass. Textile drafting mechanism. 2,350,254; May 30.
Shaw, Burton E., Bristol, assignor to Penn Electric Switch Co., Goshen, Ind. Float switch. 2,354,282; July 25.
Shaw, Burton E., Bristol, assignor to Penn Electric Switch Co., Goshen, Ind. Sealed trunnion structure. 2,365,649; Dec. 19.
Shaw, Burton E., Bristol, and J. J. Rothwell, Elkhart, assignors to Penn Electric Switch Co., Goshen, Ind. Water valve. 2,365,650; Dec. 19.
Shaw, Byron T. (See Baver, L. D., and Shaw.)
Shaw, Charles H., Tacoma, Wash., assignor to American Smelting and Refining Company, New York, N. Y. Ore sampling device. 2,361,067; Oct. 24.
Shaw, Charles S., Leland, Miss., assignor to United States of America as represented by the Secretary of Agriculture. Moisture measuring instrument. 2,365,496; Dec. 19.
Shaw, Claude, Bristol, Va. Veneer lathe attachment. 2,342,701; Feb. 29.
Shaw Darby & Company Limited. (See Riches, Harry G. G. G., assignor.)
Shaw, Ernest C., Milwaukee, and W. G. Hagmaier, West Allis, assignors to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Log barker and cleaner. 2,338,138; Jan. 4.
Shaw, Ernest C., and W. A. Gross, Los Angeles, Calif. Badge holding means. 2,338,264; Jan. 4.
Shaw, Frank H., South Orange, assignor to Shaw Insulator Company, Irvington, N. J. Method of and machine for molding plastics. 2,344,176; Mar. 14.
Shaw, Frank R., et al. (See Curtiss L., assignor.)
Shaw, Harold N., Erie, Pa. Fry kettle. 2,360,727; Oct. 17.
Shaw, Herbert G., Derby, assignor to Great American Industries, Inc., Meriden, Conn. Indicia-card holder. 2,357,430; Sept. 5.
Shaw, Hubert R., Drexel Hill, Pa., assignor to Radio Corporation of America. Push-button tuner for radio receivers. 2,354,148; July 18.
Shaw Insulator Company. (See Bohrer, George P., assignor.)
Shaw Insulator Company. (See Shaw, Frank H., assignor.)
Shaw, James M., Toronto, Ontario, Canada. Device for dispensing pastelike commodities. 2,342,976; Feb. 29.
Shaw, Joe C., assignor to Young Radiator Company, Racine, Wis. Fluid temperature controlling device. 2,359,448; Oct. 3.
Shaw, John. (See Draper, F. C. and Shaw.)
Shaw, John B., assignor to Pacific Electric Manufacturing Corporation, San Francisco, Calif. High voltage switch. 2,359,056; Sept. 26.
Shaw, John E. B., Chicago, Ill. Parenteral administration unit. 2,346,334; Apr. 11.
Shaw, John E. B., Chicago, Ill. Drip tube dispensing unit. 2,352,349; June 27.
Shaw, John F. (See Childs, W. L., Shaw, and Noble.)
Shaw, John F., assignor to Reed Roller Bit Company, Houston, Tex. Trip tube. 2,345,836; Apr. 4.
Shaw, Joseph C. (See Dykeman, R. G., Shaw, and Hoffman.)
Shaw, Joseph C., assignor to United Aircraft Products, Inc., Dayton, Ohio. Conditioner for congealable liquids. 2,343,869; Mar. 14.
Shaw, Louis E., East Orange, N. J. Lubricating device. 2,340,704; Feb. 1.
Shaw, Louis E., East Orange, N. J. Variable speed transmission. 2,342,604; Feb. 22.
Shaw, Louis E., East Orange, N. J. Variable speed transmission. 2,360,076; Oct. 10.
Shaw, Louis E., East Orange, assignor to C. A. Calder, Verona, N. J. Shirt aligning device. 2,347,133; Apr. 18.
Shaw, Ralph M., Jr., Edgewater Park, N. J., assignor to Pedrick Tool & Machine Company, Philadelphia, Pa. Ring grinding machine. 2,344,371; Mar. 14.
Shaw, Robert, assignor to Robert Shaw & Company, Limited, Nottingham, England. Machine made hair net and the like. 2,346,796; Apr. 18.
Shaw, Robert, & Company. (See Shaw, Robert, assignor.)
Shaw, Robert D., Bloomfield, assignor to Niles-Bement-Pond Company, West Hartford, Conn. Actuator for toolheads. 2,360,520; Oct. 17.

Shaw-Walker Company, The. (See Burdick, John S., assignor.)
Shaw-Walker Company, The. (See Page, John H. assignor.)
Shaw-Walker Company, The. (See Straus, Lois K., assignor.)
Shawinigan Chemicals Limited. (See Holm, A. C., and Poirier, assignors.)
Shay, Cora E., Los Angeles, Calif. Child's chair. 2,347,754; May 2.
Shayne, Alexander. (See Messinger, W., and Shayne.)
Shayne, Alexander, and A. Zeitlin, New York, N. Y., assignors, by mesne assignments, to Sperry Products, Inc. Apparatus for controlling sheet thickness in continuous strip mills. 2,339,359; Jan. 18.
Shayne, Alexander, and A. Zeitlin, New York, N. Y., assignors, by mesne assignments, to Sperry Products, Inc. Strain gauge for rolling mills and the like. 2,342,374; Feb. 22.
Shea, Gerald H., U. S. Army, La Jolla, Calif. Mortar flare shell. 2,338,137; Jan. 4.
Shea, James J., Springfield, W. F. Irrgang, Chicopee, and W. E. Swift, Jr., Worcester, assignors to United States Envelope Company, Springfield, Mass. Method of and apparatus for making containers. 2,347,439; Apr. 25.
Shea, Robert, Martell, Calif. Sinker releasing device. 2,359,588; Oct. 3.
Shea, Thomas V., assignor to Phillips Petroleum Company, Chicago, Ill. Liquefied petroleum gas dispensing system. 2,362,724; Nov. 14.
Sheaffer, Harry C. (See Leisner, H. J., and Sheaffer.)
Sheaffer, W. A., Pen Company. (See Kuhlman, Orville E., assignor.)
Sheaffer, W. A., Pen Company. (See Teague, W. D. and W. D. Jr., Myers, and Andrews, assignors.)
Shearer, John W., Memphis, Tenn. Football. 2,364,247; Dec. 5.
Shearer, Walter V. (See Householder, G., and Shearer.)
Shearston, Sears R., Miami, Fla. Container. 2,363,811; Nov. 28.
Sheck, Oscar, assignor to Koehring Company, Milwaukee, Wis. Water measuring tank. 2,364,321; Dec. 5.
Sheehan, Edmund J. (See Francek, Joseph R., assignor.)
Sheehan, William M., Philadelphia, and S. T. Wharton, Jr., Ridley Park, Pa., assignors to General Steel Castings Corporation, Granite City, Ill. Battle tank. 2,361,129; Oct. 24.
Sheehy, George J., Columbus, Ohio. Combined axiometer and bifocal lens segment locater. 2,348,858; May 16.
Sheepshanks, Richard H. (See Ballamy, L. M., and Sheepshanks.)
Sheffer, Irving H., Detroit, Mich. Feed collet. 2,341,744; Feb. 15.
Sheffield Corporation, The. (See Aller, Willis F., assignor.)
Sheffield Corporation, The. (See Aller, W. F., and Mahlmeister, assignors.)
Sheffield Corporation, The. (See Palk, Louis F., assignor.)
Sheffield, Donald H., assignor to Hercules Powder Company, Wilmington, Del. Synthesis of terpene compounds. 2,347,337; Apr. 25.
Sheffield, Donald H., assignor to Hercules Powder Company, Wilmington, Del. Separation of cineole from hydrocarbons. 2,353,319; July 11.
Sheffield, Washington K. (See Wetherby-Williams, A. V., and Sheffield.)
Sheman Mfg. Co. (See Bell, Godfrey.)
Sheinman, Benjamin. (See Muskin, C., and Sheinman.)
Sheianski, Herman A. (See Cantor, Abraham.)
Shelby, Peter, Fenton, Mich. Automatic flat-bottom countersinking attachment for milling machines. 2,358,741; Sept. 19.
Shelby, Robert E., Teaneck, N. J., assignor to Radio Corporation of America. Television system. 2,355,566; Aug. 8.
Shelby, Robert E., Teaneck, N. J., assignor to Radio Corporation of America. Television system. 2,359,449; Oct. 3.
Sheldon, Charles P., Los Angeles, Calif. Bowling ball cleaner and guide. 2,338,547; Jan. 4.
Sheldon, Harry O., Willmar, Minn. Spectacles. 2,349,764; May 23.
Sheldon, Lucian A., Schenectady, N. Y., assignor to General Electric Company. Packing arrangement. 2,356,011; Aug. 15.
Sheldon, Ralph O., assignor to Emile S. Guignon, Jr., Kansas City, Mo. Sectional metallic building structure. 2,352,807; July 4.
Sheldon, Ralph O., assignor to Emile S. Guignon, Jr., Kansas City, Mo. Unit building structure. 2,362,162; Nov. 7.
Sheldon, William M., Elizabeth, assignor to Louis Ruprecht, Montclair, N. J. Pulverizing mill rotor. 2,352,127; June 20.
Sheldrick, Henry W., assignor to Collier-Keyworth Company, Gardner, Mass. Chair iron. 2,341,124; Feb. 8.
Sheldrick, Henry W., assignor to Collier-Keyworth Company, Gardner, Mass. High Chair. 2,357,556; Sept. 5.
Shell Development Company. (See Albertson, Maurice M., assignor.)
Shell Development Company. (See Anderson, Alvin P., assignor.)
Shell Development Company. (See Anderson, J., Stager, and McAllister, assignors.)
Shell Development Company. (See Bailey, W. A., Jr., and McAllister, assignors.)
Shell Development Company. (See Ballard, S. A., and Haury, assignors.)
Shell Development Company. (See Barton, C. H., and Hughes, assignors.)
Shell Development Company. (See Bent, F. A., and Stenmark, assignors.)
Shell Development Company. (See Boissonou, C. J., and Yates, assignors.)
Shell Development Company. (See Border, Lawson E., assignor.)
Shell Development Company. (See Border, L. E., and Gerhart, assignors.)
Shell Development Company. (See Brumleu, E. C., and (Gilbert, assignor).)
Shell Development Company. (See Burnham, H. D., and Weiss, assignors.)
Shell Development Company. (See Carroll, Frederick M., assignor.)
Shell Development Company. (See Cheney, Harry A., assignor.)
Shell Development Company. (See Collins, Donald B., assignor.)
Shell Development Company. (See Crake, Wilfred S. E., assignor.)
Shell Development Company. (See Crake, Wilfred St. M. E., assignor.)
Shell Development Company. (See Cravath, A. M., and Hassler, assignor.)
Shell Development Company. (See Crawford, C. C., and Evans, assignors.)
Shell Development Company. (See Davis, O. L., and Nixon, assignors.)
Shell Development Company. (See Dawson, R. D., and Blankenhorn, assignors.)
Shell Development Company. (See Deanesly, Richard M., assignor.)
Shell Development Company. (See Deanesly, R. M., and Wachter, assignors.)
Shell Development Company. (See de Ridder, Gysbert F., assignor.)
Shell Development Company. (See de Simó, M., and Cheney, assignors.)
Shell Development Company. (See de Simó, M., and O'Connor, assignors.)
Shell Development Company. (See de Simo, M., and Roberts, assignors.)
Shell Development Company. (See Detling, Kenneth D., assignor.)
Shell Development Company. (See Dunbar, Bruce W., assignor.)
Shell Development Company. (See Dunn, C. L., and Pierotti, assignors.)
Shell Development Company. (See Durrum, Emmett L., assignor.)
Shell Development Company. (See Endersby, Victor A., assignor.)
Shell Development Company. (See Engs, William, assignor.)
Shell Development Company. (See Evans, Theodore W., assignor.)
Shell Development Company. (See Evans, T. W., and Finch, assignors.)
Shell Development Company. (See Evans, T. W., and Marple, assignors.)
Shell Development Company. (See Evans, T. W., and Morris, assignors.)
Shell Development Company. (See Evans, T. W., Morris, and Shokal, assignors.)
Shell Development Company. (See Fay, Charles H., assignor.)
Shell Development Company. (See Finch, H. de V., and Evans, assignors.)
Shell Development Company. (See Finch, H. D., and Marple, assignors.)
Shell Development Company. (See Frenkel, Gustav A., assignor.)
Shell Development Company. (See Gilbert, Walter E., assignor.)
Shell Development Company. (See Good, Samuel F., assignor.)
Shell Development Company. (See Grenot, Leo D., assignor.)
Shell Development Company. (See Hassler, Gerald L., assignor.)
Shell Development Company. (See Hearne, G. W., and La France, assignors.)
Shell Development Company. (See Hilmer, F. B., and Peery, assignors.)
Shell Development Company. (See Hoagland, Walter H., assignor.)
Shell Development Company. (See Hoeffelman, Johan M., assignor.)
Shell Development Company. (See Hoeffelman, J. M., and Berkenbosch, assignors.)
Shell Development Company. (See Holt, B. M., and Liedholm, assignors.)
Shell Development Company. (See Ide, John M., assignor.)
Shell Development Company. (See Jahn, Edward J., assignor.)

Shell Development Company. (See Joyce, Percy E., assignor.)
Shell Development Company. (See Karr, H. M., and MacHenry, assignors.)
Shell Development Company. (See Keplinger, Charles H., assignor.)
Shell Development Company. (See Larsen, R. G., and Armfield, assignors.)
Shell Development Company. (See Larsen, R. G., and Watson, assignors.)
Shell Development Company. (See Lawton, Howard C., assignor.)
Shell Development Company. (See Lewis, Harold J., assignor.)
Shell Development Company. (See Liedholm, George E., assignor.)
Shell Development Company. (See Lovell, Lawrence L., assignor.)
Shell Development Company. (See Lovell, L. L., Martin, and Bell, assignors.)
Shell Development Company. (See Luten, Daniel B., Jr., assignor.)
Shell Development Company. (See Malott, William M., assignor.)
Shell Development Company. (See Marple, K. E., and Evans, assignors.)
Shell Development Company. (See Maxwell, Kenneth E., assignor.)
Shell Development Company. (See McAllister, S. H., Anderson, and Ross, assignors.)
Shell Development Company. (See McAllister, S. H., and Bailey.)
Shell Development Company. (See McAllister, S. H., and Ross, assignors.)
Shell Development Company. (See McMillan, Frank M., assignor.)
Shell Development Company. (See McOmie, R. W., and Woods, assignors.)
Shell Development Company. (See Merten, Eugen, assignor.)
Shell Development Company. (See Merten, E., and Woods, assignors.)
Shell Development Company. (See Morris, R. C., and Evans, assignors.)
Shell Development Company. (See Morris, R. C., and Melchior, assignors.)
Shell Development Company. (See Morris, R. C., and Shokal, assignors.)
Shell Development Company. (See Muzzey, David S., Jr., assignor.)
Shell Development Company. (See Muzzey, D. S., Jr., and Miller, assignors.)
Shell Development Company. (See Myers, Richard N., assignor.)
Shell Development Company. (See Mysels, Karol J., assignor.)
Shell Development Company. (See Nixon, A. C., and Yabroff, assignors.)
Shell Development Company. (See Noorduyn, Jan, assignor.)
Shell Development Company. (See Penther, C. J., and Rolfson, assignors.)
Shell Development Company. (See Perquin, Johannes N. J., assignor.)
Shell Development Company. (See Pierotti, G., and Dunn, assignors.)
Shell Development Company. (See Pierotti, G. J., and Dunn, assignors.)
Shell Development Company. (See Pysel, Frederic M., assignor.)
Shell Development Company. (See Ruys, J. D., and Goldstein, assignors.)
Shell Development Company. (See Schiermeier, Knapel F., assignor.)
Shell Development Company. (See Shiras, R. N., and Johnson, assignors.)
Shell Development Company. (See Shiras, R. N., and Souders, assignors.)
Shell Development Company. (See Shokal, Edward C., assignor.)
Shell Development Company. (See Smith, Sydney S., assignor.)
Shell Development Company. (See Souders, Mott, Jr., assignor.)
Shell Development Company. (See Standefer, Rufus B., assignor.)
Shell Development Company. (See Steadman, Horace V., assignor.)
Shell Development Company. (See Steck, Leo V., assignor.)
Shell Development Company. (See Talley, S. K., and Grenot, assignors.)
Shell Development Company. (See Taylor, J. F., and McAllister, assignors.)
Shell Development Company. (See Thigpen, Thelma T., assignor.)
Shell Development Company. (See Thomas, Samuel B., assignor.)
Shell Development Company. (See Toth, F. J., and Nutter, assignors.)
Shell Development Company. (See Tulleners, Anton J., assignor.)
Shell Development Company. (See Van Duzee, Everett N., assignor.)
Shell Development Company. (See Van Ess, Paul R., assignor.)
Shell Development Company. (See Van Ess, P. R., and White, assignors.)
Shell Development Company. (See van Peski, Adrianus J., assignor.)
Shell Development Company. (See Wachter, Aaron, assignor.)
Shell Development Company. (See Walters, Ernest L., assignor.)
Shell Development Company. (See Weiss, F. T., and Anastasoff, assignors.)
Shell Development Company. (See White, Ellis R., assignor.)
Shell Development Company. (See White, E. R., and Walters, assignors.)
Shell Development Company. (See Wilson, Joseph G., assignor.)
Shell Development Company. (See Woods, H. A., and Plantfeber, assignors.)
Shell Development Company. (See Yeatman, Charles A., assignor.)
Shell, Lynch M. (See Mills, H. E., and Shell.)
Shellenberger, Rolfe, Westfield, assignor to The Babcock & Wilcox Company, Newark, N. J. Fluid heat exchange installation. 2,354,222; July 25.
Shellenberger, Titus J., assignor to Read Machinery Co., Inc., York, Pa. Shaft seal. 2,340,022; Jan. 25.
Shelley, Paul G., assignor to The Dow Chemical Company, Midland, Mich. Apparatus for treating wells. 2,347,615; Apr. 25.
Shellmar Products Company. (See Gilfillan, P. M., and Gurwick, assignors.)
Shellmar Products Company. (See Mathieu, Donby J., assignor.)
Shellmar Products Company. (See Moore, George A., assignor.)
Shellmer, Herman, Newark, and E. J. Rennle, Denville, assignors to Breeze Corporations, Inc., Newark, N. J. Machine for making flexible tubes. 2,350,070; May 30.
Shelmire, Stanley R., and P. Cooper, assignors to Scott & Williams, Incorporated, Laconia, N. H. Knit fabric and making the same. 2,353,090; July 4.
Shelton, George I. (See Dowell, Henry L., assignor.)
Shelton, Horace W., Palestine, Tex. Electric grass and weed cutter. 2,351,460; June 13.
Shelton, Ira J. (See East, J., Shelton, and Harris.)
Shelton, Robert S., Marlemont, and M. G. Van Campen, Jr., Silverton, assignors to The Wm. S. Merrell Company, Reading, Ohio. Preparation of benzotetronic acid. 2,349,765; May 23.
Shepard, Arthur P., Forest Hills, assignor to Metallizing Engineering Company, Inc., Long Island City, N. Y. Metal spray gun. 2,340,903; Feb. 8.
Shepard, Arthur P., Forest Hills, assignor to Metallizing Engineering Company, Inc., Long Island City, N. Y. Spray metal gun of the gas blast type. 2,361,420; Oct. 31.
Shepard, Carl A., Des Moines, Iowa. Ash receptacle and cigarette butt snuffer. 2,348,368; May 9.
Shepard, Carl E., assignor to Northern Illinois College of Optometry, Chicago, Ill. Device for testing visual acuity. 2,352,500; June 27.
Shepard, Carl F., Chicago, assignor of one-half to D. P. Mossman, Sr., Park Ridge, Ill. Device for measurement of stereoscopic vision. 2,362,588; Nov. 14.
Shepard, Francis H. (See Rossell, W. T., Shepard, and Bader.)
Shepard, Francis H., Jr., Rutherford, N. J., assignor to Radio Corporation of America. Remote control system. 2,342,412; Nov. 7.
Shepard, Henry B., Newton, assignor to Stowe-Woodward, Inc., Newton, Upper Falls, Mass. Bowling ball. 2,339,954; Jan. 25.
Shepard, Hugh M., and C. A. Knierim, Baltimore, Md., assignors to American Smelting and Refining Company, New York, N. Y. Purification of nickel salts. 2,356,183; Aug. 22.
Shepard, Spenser W., Warren Township, Sommerset County, and J. S. Magielnicki, South River, N. J., assignors to American Cyanamid Company, New York, N. Y. Repair of vitreous enamelware equipment. 2,355,474; Aug. 8.
Shepard, Stanley C. (See Wolfson, H., and Shepard.)
Shepardson, Ernest E. (See Joy, M. F., and Shepardson.)
Shepardson, Vene P., Belview Heights, Ala., assignor to The Union Switch and Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,350,699; June 6.
Shepherd, Daniel F., U. S. Army, Richmond, Va. Projectile support. 2,339,298; Jan. 18.
Shepherd, James C., Kansas City, Mo. Flag or similar mounting for aerials. 2,342,017; Feb. 15.
Shepherd, Judson O., Atlanta, Ga. Pulse regenerator. 2,347,513; Apr. 25.
Shepherd, Judson O., Atlanta, Ga. Control system. 2,355,607; Aug. 15.
Shepherd, Thomas L., Portslade, England, assignor to The Clark Thread Company, Newark, N. J. Producing rubber threads and rubber fabric. 2,338,978; Jan. 11.
Shepherd, William G., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric discharge device. 2,362,937; Nov. 14.

Shepherd, Winfred P., Pasadena, Calif. Operating doors. 2,338,360; Jan. 4.

Sheppard, Allan G., assignor to American-La France-Foamite Corporation, Elmira, N. Y. Pump priming system. 2,347,973; May 2.

Sheppard, Bruce, Bridgewater Township, Somerset County, assignor to Petroleum Conversion Corporation, Elizabeth, N. J. Conversion of hydrocarbon oils. 2,348,156; May 2.

Sheppard, George F., Montreal, Quebec, Canada. Transmission mechanism. 2,360,521; Oct. 17.

Sheppard, Raymond, Niskayuna, N. Y., assignor to General Electric Company. Elastic fluid turbine arrangement. 2,338,548; Jan. 4.

Sheppard, Raymond, Niskayuna, N. Y., assignor to General Electric Company. Relief valve. 2,361,881; Oct. 31.

Sheppard, Samuel E. (See Matthews, I. C., and Sheppard.)

Sheps, Louis J., Saint Jean, M. A. Boisclair, Iberville, K. V. Cooper, and P. Fristensky, Saint Jean, Quebec, Canada, assignors to The Richards Chemical Works, Jersey City, N. J. Treating textile yarns. 2,354,335; July 25.

Sheptinsky, Julius, Brooklyn, N. Y., assignor to Bruno Patents Inc., Long Island City, N. Y. Device for producing incisions in rods or tubes. 2,344,003; Mar. 14.

Sher, Samuel, Chicago, Ill. Lamp shade. 2,339,655; Jan. 18.

Sherbondy, Frank Y., San Antonio, Tex. Combination garment drier and solvent still. 2,360,985; Oct. 24.

Sherbondy, William E., Shaker Heights, Ohio. Tire defating device. 2,359,162; Sept. 26.

Sherbrooke Machineries Limited. (See Spafford, Claude L., assignor.)

Shere, Lewis. (See Hull, H. H., and Shere.)

Sheridan, Edward, Bronx, assignor to Interchemical Corporation, New York, N. Y. Printing ink and producing. 2,361,505; Oct. 31.

Sheridan, Hiram W. (See Miller, K. W., and Sheridan.)

Sherk, Daniel L., Cloquet, Minn. Recovering constituents of waste sulphite liquor. 2,354,563; July 25.

Sherka Chemical Co. Inc. (See Goebel, Hans, assignor.)

Sherman, Alvin G., Grosse Pointe, Mich., assignor to Globe American Corporation, Kokomo, Ind. Life craft. 2,345,859; May 16.

Sherman, Cortis F., West Hartford, assignor to The Henry & Wright Manufacturing Company, Hartford, Conn. Producing links for machine gun belts and similar articles. 2,357,558; Sept. 5.

Sherman, Cortis F., West Hartford, and A. E. Caserta, assignors to The Henry & Wright Manufacturing Company, Hartford, Conn. Dieing machine. 2,357,557; Sept. 5.

Sherman, H. B., Manufacturing Co. (See Doerr, Ray, assignor.)

Sherman, Jackson & Roose Company. (See Roose, C., and Jackson, assignors.)

Sherman, Jesse B., New York, N. Y., assignor to Radio Corporation of America. Tunable high frequency circuits. 2,344,741; Mar. 21.

Sherman, John C., Attleboro, Mass. assignor to A. P. W. Paper Co., Inc., Albany, N. Y. Paper making. 2,352,293; June 27.

Sherman, John J., Seattle, Wash. Load transfer device. 2,346,277; Apr. 11.

Sherman, John Q., deceased, by K. M. and W. C. Sherman and W. B. Turner, Dayton, Ohio, executors. Continuous form envelope. 2,342,702; Feb. 29.

Sherman, John Q., deceased, Dayton, Ohio; K. M. and W. C. Sherman, and W. B. Turner, executors. Normally inert manifolding materials. 2,351,073; June 13.

Sherman, John Q., deceased, Dayton, Ohio, by K. M. Sherman, W. C. Sherman, and W. B. Turner, Dayton, Ohio, executors. Strip feeding and severing apparatus. 2,361,421; Oct. 31.

Sherman, John Q., and A. W. Metzner, Dayton, Ohio; said Metzner assignor to said Sherman; K. M. and W. C. Sherman, and W. B. Turner, executors of said J. Q. Sherman, deceased. Making platen rolls. 2,353,194; July 11.

Sherman, John S., South Orange, N. J. Arched construction and erecting same. 2,360,285; Oct. 10.

Sherman, Katherine M., executor, et al. (See Sherman, John Q.)

Sherman, Katherine M., et al., executors. (See Sherman, J. Q., and Metzner.)

Sherman, Philip, Brookline, Mass. Wearing apparel. 2,361,902; Oct. 31.

Sherman, Ralston M., Glastonbury, Conn. Burner. 2,344,177; Mar. 14.

Sherman Ralston M., Glastonbury, assignor to The Silent Glow Oil Burner Corporation, Hartford, Conn. Cooking stove. 2,348,934; May 16.

Sherman, Russel J., Rutherford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Universal material working fixture. 2,343,055; Feb. 29.

Sherman, William. (See Crotty, James A., assignor.)

Sherman, William C., et al., executors. (See Sherman, John Q.)

Sherman, William C., et al., executors. (See Sherman, J. Q., and Metzner.)

Sherrer, John M., G. R. Severance, and E. S. Huntington, assignor to Eureka Vacuum Cleaner Company Detroit, Mich. Flare pistol. 2,347,645; May 2.

Sherrer, John M., G. R. Severance, and E. S. Huntington, assignors to Eureka Vacuum Cleaner Company, Detroit, Mich. Flare pistol. 2,363,203; Nov. 21.

Sherrill, Sloan S. (See Johnston, F. D., and Sherrill.)

Sherrill, Sloan S., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Glare eliminating device. 2,354,408; July 25.

Sherrill, Sloan S., Baltimore, and A. Stiegler, Towson, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Coating apparatus. 2,340,207; Jan. 25.

Sherts, James H., Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Structure for glazing units. 2,359,163; Sept. 26.

Shertz, Edward W. (See Layton, L., and Sherts.)

Sherwin-Williams Company, The. (See Hanson, Benjamin R., assignor.)

Sherwin-Williams Company, The. (See O'Neal, Grady M., assignor.)

Sherwin-Williams Company, The. (See Ruthruff, R. F., and Wilcox, assignors.)

Sherwin-Williams Company, The. (See Todd, S. P., and Verduin, assignors.)

Sherwin-Williams Company, The. (See Yount, Clarence B., assignor.)

Sherwood, Harry R., Jackson Heights, N. Y., assignor to Federal Telephone and Radio Corporation, Newark, N. J. Indicator. 2,358,352; Sept. 19.

Sherwood, Lester L., Los Angeles, Calif. Combined billfold and coin purse. 2,347,338; Apr. 25.

Sherwood, Lester L., Los Angeles, Calif. Key case. 2,360,077; Oct. 10.

Sherwood, Thomas K., Wellesley Hills, Mass., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,338,265; Jan. 4.

Sherwood, Thomas K., Wellesley Hills, Mass., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,354,884; Aug. 1.

Sherwood, Thomas K., Cambridge, Mass., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,357,431; Sept. 5.

Sheskier, Vincent A., assignor to Farmingdale Aircraftsmen Manufacturing Corporation, Farmingdale, N. Y. Drill holder. 2,357,773; Sept. 5.

Shetler, Lewis A., assignor to Morton Aircraft Corporation, Omaha, Nebr. Aircraft control. 2,339,955; Jan. 25.

Shewmon, Ralph K., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Change-over switch. 2,338,874; Jan. 11.

Shieber, Jacob H., University City, Mo. Hook bolt for railways. 2,340,824; Feb. 1.

Shields, Albert F., Forest Hills, assignor to S & S Corrugated Paper Machinery Co., Inc., Brooklyn, N. Y. Driving belt. 2,353,595; July 11.

Shields, Albert F., Jamaica, assignor to S. & S. Corrugated Paper Machinery Co., Inc., Brooklyn, N. Y. Taping machine. 2,362,413; Nov. 7.

Shields, Charles B., Petersburg, Va., assignor to The Union Switch and Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,349,680; May 23.

Shields, Frank S., Jamaica, N. Y., assignor to Morey Machinery, Co., Inc., New York, N. Y. Locking device for turrets. 2,356,246; Aug. 8.

Shields, Herbert F. H., London, England. Apparatus for loading wheeled vehicles and stocking-out material unloaded therefrom. 2,363,973; July 18.

Shields, Herbert F. H., London, England. Apparatus for unloading wheeled vehicles of the bottom-discharge type. 2,364,876; Dec. 12.

Shields, Herbert F. H., London, and G. W. Grossmith, Bristol, England. Apparatus for loading and unloading wheeled vehicles. 2,344,742; Mar. 21.

Shields, Jesse W., Grosse Pointe, Mich., assignor to United States Rubber Company, New York, N. Y. Repair device. 2,354,069; July 18.

Shields, Katherine M. (See Sim, W., and Shields.)

Shields, Paris E., assignor to Checkmaster Plan Inc., New York, N. Y. Banking deposit-ticket device. 2,362,101; Nov. 7.

Shields, Robert A. (See Pancake, H. H., and Shields.)

Shields, Robert A., Bloomsburg, Pa., assignor to American Car and Foundry Company, New York, N. Y. Mine car. 2,343,876; Mar. 14.

Shields, Robert A., Berwick, Pa., assignor to American Car and Foundry Company, New York, N. Y. Door lifting and tilting device. 2,344,903; Mar. 21.

Shields, Robert A., Berwick, Pa., assignor to American Car and Foundry Company, New York, N. Y. Spring bumper and draft gear. 2,357,611; Sept. 5.

Shields, Wendell H., Grand Rapids, Mich. Cloth spreading device. 2,350,071; May 30.

Shields, William D., Edgeworth, assignor to E. W. Voss, Dormont, Pa. Sheet roller leveler. 2,365,114; Dec. 12.

Shiffler, William H., San Francisco, and L. P. Elliott, Berkeley, Calif., assignors to Standard Oil Company of California, San Francisco, Calif. Hydrocarbon reaction. 2,353,596; July 11.

Shifrin, Joseph D., et al. (See Bodenstein, Paul H., assignor.)

Shikles, Horace E. Jr., Kansas City, Mo. One-piece suit. 2,352,128; June 20.

Shildneck, Paul R., assignor to A. E. Staley Manufacturing Company, Decatur, Ill. Preparation of glutamic acid. 2,347,220; Apr. 25.

Shillman, Nathan H., Baltimore, Md. Vehicle tire. 2,338,875; Jan. 11.

Shimek, Edwin J., Dallas, Tex. Pipe or rod joint connection and seal. 2,341,164; Feb. 8.

Shimek, Edwin J., Dallas, Tex., assignor, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Master control for electric seismographs. Re. 22,535; Aug. 22.

Shimer, John M. (See Redman, W. J., and Shimer.)

Shina, Frank C., Urbana, Ohio, assignor to United Paperboard Company, New York, N. Y. Carton. 2,339,224; Jan. 11.

Shina, Frank C., Urbana, Ohio, assignor to United Paperboard Company, New York, N. Y. Box. 2,339,656; Jan. 18.

Shinn, Edward, Jr., West Orange, N. J., assignor of one-half to Edward Shinn, Sr. Digging and loading machine. 2,338,361; Jan. 4.

Shinn, Edward, Sr. (See Shinn, Edward, Jr., assignor.)

Shipley, Frank F. (See Moody, D. L., Newby, and Shipley.)

Shipley, Robert, assignor to Shakespeare Products Company, Kalamazoo, Mich. Control head coupling. 2,345,299; Mar. 28.

Shipman, Emanuel F., Philadelphia, Pa. Combination welding protective device and periscope. 2,341,391; Feb. 8.

Shipman, I. Kenneth, et al., executors. (See Shipman, Ralph.)

Shipman, Raldo E., executor, et al. (See Shipman, Ralph.)

Shipman, Ralph, Sunbury, Pa.; R. E. and I. K. Shipman, executors, of said R. Shipman, deceased, assignors, by mesne assignments, to said R. R. Shipman and said I. K. Shipman, as joint tenants. Carburetor. 2,362,163; Nov. 7.

Shipman, Ralph, deceased, Sunbury, Pa.; R. E. and I. K. Shipman, executors, assignors, by mesne assignments, to themselves, as joint tenants. Auxiliary carbureter. 2,363,153; Nov. 21.

Shipman, Ralph, deceased, Sunbury, Pa.; R. E. and I. K. Shipman, executors, assignors, by mesne assignments, to themselves, as joint tenants. Milling machine tool and method. 2,363,444; Nov. 21.

Shipman, Walter G., Iowa Park, Tex. Chain repair tool. 2,361,971; Nov. 7.

Shipp, Guy M., Navy Yard, S. C. Attachment for welders' helmets. 2,359,164; Sept. 26.

Shippee, Carl C. (See Shippee, W. and C. C.)

Shippee, Winsor, and C. C. Shippee, Red Bank, N. J. Fastening device. 2,350,255; May 30.

Shipstead, Helge, Syracuse, and A. P. Brant, Little Valley, assignors to The Borden Company, New York, N. Y. Packaging spray dried milk powders. 2,363,445; Nov. 21.

Shiras, Russell N., Oakland, and M. Souders, Jr., Berkeley, assignors to Shell Development Company, San Francisco, Calif. Extractive distillation process. 2,350,256; May 30.

Shiras, Russell N., and A. J. Johnson, Oakland, assignors to Shell Development Company, San Francisco, Calif. Solvent extraction process. 2,357,028; Aug. 29.

Shirgun Corperation. (See Schirokauer, Henry, assignor.)

Shive, John N. (See Becker, J. A., and Shive.)

Shively, James L., Camas, Wash., assignor to Crown Zellerbach Corporation, San Francisco, Calif. Siftproof bag. 2,365,651; Dec. 19.

Shively, John J., New York, N. Y. Electric igniting apparatus. 2,340,773; Feb. 1.

Shively, John J., New York, N. Y. Ratio determining device. 2,345,184; Mar. 28.

Shively, John J., and H. B. Van Deventer, assignors, by mesne assignments, to Telephone Answering and Recording Corporation, New York, N. Y. Recording and reproducing apparatus. 2,340,147; Jan. 25.

Shively, John J., and H. B. Van Deventer, assignors, by mesne assignments, to Telephone Answering and Recording Corporation, New York, N. Y. Control method and apparatus. 2,347,514; Apr. 25.

Shlesinger, Bernard E., Irondequoit, assignor to Gleason Works, Rochester, N. Y. Gear cutter. 2,363,706; July 18.

Shmidl, Albert J. (See Cone, J. H., and Shmidl.)

Shmidl, Albert J., Houston, Tex., assignor to Standard Oil Development Company. Refining mineral oils. 2,347,615; Apr. 25.

Shmidl, Albert J., Greens Bayou Park, and M. Wiggen, Baytown, Tex., assignors to Standard Oil Development Company. Refining of mineral oils. 2,356,704; Aug. 22.

Shnitzler, Meyer J., Jamaica Plain, assignor to Gillette Safety Razor Company, Boston, Mass. Magazine for safety razor blades. 2,362,504; Nov. 14.

Shobert, Erle I., II, assignor to Stackpole Carbon Company, St. Marys, Pa. Pyrometer apparatus. 2,341,295; Feb. 8.

Shobert, Erle I., II, assignor to Stackpole Carbon Company, St. Marys, Pa. Self-aligning electrode. 2,346,088; Apr. 4.

Shobert, Erle I., II, and A. J. Schuts, assignors to Stackpole Carbon Company, St. Marys, Pa. Manufacture of electric contacts. 2,360,522; Oct. 17.

Shock Proof Lens Guard, Inc. (See Brown, William, assignor.)

Shoe Form Co. (See De Witt, William J., assignor.)

Shoeld, Mark, Towson, Md., assignor to The Davison Chemical Corporation. Manufacturing animal feed compositions. Re. 22,500; June 20.

Shoemaker, James M., Nichols, assignor to United Aircraft Corporation, East Hartford, Conn. Control device. 2,359,392; Oct. 3.

Shoemaker, Robert C. (See Schauffler, G. C., and Shoemaker.)

Shoemaker, Robert C., assignor to Willamette Hyster Company, Portland, Oreg. Tractor mounted crane. 2,362,220; Nov. 7.

Shoemaker, Robert W. (See Owens, Walter L., assignor.)

Shoemaker, Robert W., Anderson, Ind., assignor to A. J. R. Greer, Morgantown, W. Va. Soap coating of metals. 2,359,790; Oct. 10.

Shoemaker, William F., Evansville, Ind. Wallpaper machine. 2,352,978; July 4.

Shoemaker, William M. (See Gibson, D. L., and Shoemaker.)

Shogran, Ivar L., West Los Angeles, assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Oil cooler for aircraft engines. 2,359,533; Oct. 3.

Shogran, Sixten, Kansas City, Kans. Adjustable door stay. 2,361,298; June 13.

Shogren, Charles A., assignor to Dorbin Metal Strip Manufacturing Co., Chicago, Ill. Window construction. 2,344,904; Mar. 21.

Shokal, Edward C. (See Evans, T. W., Morris, and Shokal.)

Shokal, Edward C., Oakland, assignor to Shell Development Company, San Francisco, Calif. Leaded motor fuels. 2,364,921; Dec. 12.

Shokal, Edward C. (See Morris, R. C., and Shokal.)

Shomperlen, Albert I., Milwaukee, Wis., assignor to Pittsburgh Plate Glass Company, Allegheney County, Pa. Capping apparatus. 2,356,893; Aug. 29.

Shonle, Horace A., and E. Rohrmann, assignors to Eli Lilly and Company, Indianapolis, Ind. Aminoalkanes. 2,350,218; May 30.

Shonnard, Harold W., Montclair, N. J. Freight transfer apparatus. 2,352,129; June 20.

Shonnard, Harold W., Washington, D. C. Apparatus for heating projectiles. 2,358,108; Sept. 12.

Shontz, William, Lewistown, Pa., assignor to American Viscose Corporation, Wilmington, Del. Sizing device for winding machines. 2,361,429; Oct. 31.

Shoobert, George W. (See Carington, C. M., and Shoobert.)

Shook, Charles H., Dayton, Ohio, assignor to Infilco Incorporated. Purifying polluted liquids. Re. 22,444; Feb. 22.

Shook, Earley M., and R. W. Olson, Dallas, Tex., assignors, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Seismic surveying. 2,340,275; Jan. 25.

Shope, Wilbur A. (See Walker, R. F., Gutschmidt, H. W., and Shope.)

Shoreman, Allen M., assignor to Universal Oil Products Company, Chicago, Ill. Fractionating equipment 2,344,329; Mar. 14.

Short, Brooks H. (See Critchfield, R. M., Schneider, and Short.)

Short, George P., Tournapull, Ga., assignor to R. G. Le Tourneau, Inc. Spray painting machine. 2,344,905; Mar. 21.

Short, Harold O., Baltimore County, Md., assignor to The Black and Decker Manufacturing Company. Bearing support. 2,362,938; Nov. 14.

Short, Ira, Prospect Park, and H. C. Brown, Philadelphia, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Lubrication apparatus. 2,352,130; June 20.

Short, J. R., Milling Company. (See Renner, Herbert O., assignor.)

Short, Thomas T., Fort Wayne, Ind., assignor to General Electric Company. Electric apparatus. 2,353,511; July 11.

Shortell, William H., assignor to Millers Falls Company, Greenfield, Mass. Hack saw blade. 2,365,301; Dec. 19.

Shorter, Leo J., assignor to Singer Motors Limited, Coventry, England. Change-speed mechanism. 2,348,424; May 9.

Shortland, Arthur. (See Bromley, T. C., and Shortland.)

Shortland, Arthur, assignor to Mellor Bromley and Co. Limited, Leicester, England. Knitting machine. 2,353,973; July 18.

Shoults, David R., Schenectady, N. Y., assignor to General Electric Company. Aircraft turbine supercharger. 2,365,901; Dec. 26.

Shoup, Allen A., assignor to Sound, Inc., Chicago, Ill. Signal amplifying system. 2,340,904; Feb. 8.

Shoup, Frederic F., Haddonfield, N. J., assignor to Radio Corporation of America. Noise reduction system. 2,355,182; Aug. 8.

Showalter, Jere C., Goose Creek, and M. Wiggen, Baytown, Tex., assignors to Standard Oil Development Company. Preparing derivatives of acid sludges. 2,354,554; July 25.

Showers, Joseph R., Sr., Shelbyville, Ind. Till drawer construction. 2,343,936; Mar. 14.

Shrader, Charles D., Oakland, Calif. Sound recording apparatus. 2,344,646; Mar. 21.

Shray, Frank S. (See Cantrell, M. L., and Shray.)

Shreckhise, George W., Mount Sidney, Va. Apparatus for coating transfer fabrics. 2,341,392; Feb. 8.

Shriver, Clarence V. (See Kochenderfer, F. E., and Shriver.)

Shriver, George E., Nutley, and J. U. Mann, Arlington, N. J., assignors to United States Rubber Company, New York, N. Y. Filter bag. 2,338,549; Jan. 4.

Shriver, T., & Company. (See Jahreis, Carl A.)

Shropshire, William W., Chicago, and A. L. Frohman, Calumet City, Ill., assignors to International Smelting & Refining Company, New York, N. Y. Electrolytic production of alloys. 2,341,244; Feb. 8.

Shroyer, George A., L. P. Gould, and R. E. Moule, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich. Helmet. 2,351,236; June 13.

Shrubsall, Harry, Lewiston, N. Y., assignor to The Linde Air Products Company. Electric welding. 2,357,432; Sept. 5.

Shuart, Arthur C., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,360,286; Oct. 10.

Shuff, Thomas K., et al. (See Prather, A. P., and Russell, assignors.)

Shugars, Elmer C., Muskegon, Mich. Precision grinding machine. 2,343,811; Mar. 7.

Shuhart, John H. (See Hays, J. B., and Shuhart.)

Shull, Francis M., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic printing apparatus. 2,358,671; Jan. 4.

Shultz, Frederick A., F. L. Speckman, L. D. Woolley, E. T. Mahlmeister, and L. N. Barnum, assignors to The National Cash Register Company, Dayton, Ohio. Abrading machine. 2,364,322; Dec. 5.

Shumaker, Raymond L., Xenia, Ohio. Spark plug shield. 2,355,116; Aug. 8.

Shuman, Moses, assignor to Aero Reclamation, Los Angeles, Calif. Assorting machine. 2,359,165; Sept. 26.

Shurcliff, William A., Plainfield, N. J., assignor to American Cyanamid Company, New York, N. Y. Spectrophotometer accessory. 2,347,066; Apr. 18.

Shurcliff, William A., Plainfield, N. J., assignor to American Cyanamid Company, New York, N. Y. Spectrophotometer attachment for absorbing specular reflection. 2,347,067; Apr. 18.

Shurcliff, William A., Plainfield, N. J., assignor to American Cyanamid Company, New York, N. Y. Spectrophotometer attachment for rejecting specular reflections. 2,364,825; Dec. 12.

Shure Brothers. (See Bauer, Benjamin B., assignor.)

Shure, Frances, et al., trustee. (See Bauer, Benjamin B., assignor.)

Shure, S. N., et al. (See Bauer, Benjamin B., assignor.)

Shurley, Frederick, Windsor, Ontario, Canada. Rotary printing machine. 2,351,552; June 13.

Shurley, Frederick, Windsor, Ontario, Canada. Rotary printing machine. 2,361,325; Oct. 24.

Shurley, Frederick, Windsor, Ontario, Canada. Automatic handling means for use upon and in conjunction with printing and labeling machines. 2,363,698; Nov. 28.

Shurley, Frederick, Windsor, Ontario, Canada, assignor to Guthrie Ceramic Labelling & Machinery Co. Inc., Dover, Del. Rotary spraying machine. 2,342,375; Feb. 22.

Shurmer, Guy W. (See Dentzer, C. J., Shurmer, and Vanek.)

Shuron Optical Company. (See Long, Ell M., assignor.)

Shuron Optical Company. (See Rohrbach, John J., assignor.)

Shutt, Richard S., and G. R. Waltkins, assignors to Battelle Memorial Institute, Columbus, Ohio. Lubricants. 2,359,270; Sept. 26.

Shutt, Thomas C., and L. J. Steiner, Detroit, Mich. Grinding apparatus and method. 2,365,302; Dec. 19.

Shye, Charles Z., New York, N. Y. Roller skate. 2,341,576; Feb. 15.

Sias, Frederick R., Marblehead, Mass., assignor to General Electric Company. Gyroscope erecting device. 2,339,606; Jan. 18.

Sias, Frederick R., Marblehead, Mass., assignor to General Electric Company. Temperature compensation for direct current telemeters. 2,343,159; Feb. 29.

Sias, Frederick R., Marblehead, Mass., assignor to General Electric Company. Fail-off device for telemeter indicators. 2,345,011; Mar. 28.

Sias, Frederick R., Marblehead, Mass., assignor to General Electric Company. Temperature compensation for direct current telemeters. 2,350,835; June 6.

Sias, Frederick R., Marblehead, Mass., assignor to General Electric Company. Temperature indicator. 2,354,555; July 25.

Sias, Frederick R., Marblehead, Mass., assignor to General Electric Company. Indicator. 2,354,618; July 25.

Sias, Frederick R., Marblehead, Mass., assignor to General Electric Company. Temperature indicator. 2,357,140; Aug. 29.

Sibley, Robert L., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Plasticizing rubber. 2,339,033; Jan. 11.

Sibley, Robert L., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Vulcanizing rubber and product obtained thereby. 2,360,449; Oct. 17.

Sibley, Robert L., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Treating rubber and product obtained thereby. 2,360,450; Oct. 17.

Sibley, Robert L., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Plasticized rubber compositions and plasticizing rubber. 2,364,394; Dec. 5.

Sicard, Irené, Montreal, Quebec, Canada. Load gathering, pressing, and expelling device. 2,339,360; Jan. 18.

Sicklinger, Helmut, Pforzheim, Germany; vested in the Alien Property Custodian. Watchcase. 2,344,422; Mar. 14.

Sickles, F. W., Company, The. (See Sickles, Royal F., assignor.)

Sickles, Royal F., Springfield, assignor to The F. W. Sickles Company, Chicopee, Mass. Dispensing apparatus. 2,358,742; Sept. 19.

Side, Frederick W., assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring instrument. 2,357,433; Sept. 5.

Side, Frederick W., assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring apparatus. 2,364,483; Dec. 5.

Sidebotham, Melvin H., Newton, Mass. Collapsible egg carton. 2,344,567; Mar. 21.

Sidebotham, Melvin H., Newton, assignor of one-half to H. M. Russell, Chelsea, Mass. Making packages. 2,359,271; Sept. 26.

Sidebotham, Melvin H., Newton, assignor of one-half to H. M. Russell, Chelsea, Mass. Container for fluids. 2,362,862; Nov. 14.

Sidelinker, Wilson S., Wilmington, Mass. Door lock. 2,346,513; Apr. 11.

Sidnell, Albert E., Akron, assignor to Seiberling Latex Products Company, Barberton, Ohio. Mold for making perforate articles. 2,346,335; Apr. 11.

Sidwell, Alfred E., Kew Gardens, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Temperature compensation means for pressure actuated indicators. 2,347,134; Apr. 18.

Sieb, Henry, Hammond, Ind. Book-sewing machine. 2,366,064; Dec. 26.

Siebenlist, Anthony G., assignor to Milcor Steel Company, Milwaukee, Wis. Louver ventilator. 2,340,570; Feb. 1.

Siebert, Adam J. (See Schultz, R. H., and Siebert.)

Siebring, Claude, George, Iowa. Convertible coal and oil burner. 2,349,117; May 16.

Siedel, Paul A. (See Maurer, Sam, assignor.)

Siedle, Arnold D., assignor to The Hoover Company, Canton, Ohio. Refrigeration. 2,345,505; Mar. 28.

Siedle, Arnold D., Cleveland Heights, assignor to The Hoover Company, North Canton, Ohio. Refrigeration. 2,348,860; May 16.

Siedle, Arnold D., Cleveland Heights, assignor to The Hoover Company, North Canton, Ohio. Refrigeration. 2,363,446; Nov. 21.

Siedle, Arnold D., Cleveland Heights, assignor to The Hoover Company, North Canton, Ohio. Refrigeration. 2,363,447; Nov. 21.

Siedsching, Karl G., Kent, and C. F. Hilldring, Akron, Ohio, assignors to American Hard Rubber Company, New York, N. Y. Producing molded plastic articles. 2,358,259; Sept. 12.

Siegel, Chester A., Newark, N. J., assignor to American Arch Company, New York, N. Y. Equipment for locomotive fireboxes. 2,355,400; Aug. 8.

Siegel, Sidney, Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Device for measuring viscosity of liquids. 2,340,992; Feb. 8.

Siegelbaum, Martin, Jamaica, N. Y. Child's crib cover. 2,343,587; Mar. 7.

Siegenthaler, Walter, assignor to Maschinenfabrik Schärer, Erlenbach, Zurich, Switzerland. Winding machine. 2,365,115; Dec. 12.

Siegler, Edouard H., Takoma Park, Md., dedicated to the free use of the people in the territory of the United States. Insecticide. 2,358,942; Sept. 26.

Siegler, Eugene G. and R. J., Marion County, Ill. Heater. 2,356,705; Aug. 22.

Siegler, Raymond J. (See Siegler, Eugene G. and R. J.)

Siekmann, Harold J. (See Groene, W. F., and Siekmann.)

Siemens Brothers & Co. Limited. (See Christian, David A., assignor.)

Siemens Brothers & Co. Limited. (See Christian, D. A., and Clay, assignors.)

Siemens Brothers & Co. Limited. (See Christian, D. A., and Hensler, assignors.)

Siemens Brothers & Co. Limited. (See Clay, David L., assignor.)

Sierk, Raymond H., New York, N. Y. Third-rail contact shoe. 2,354,885; Aug. 1.

Sieser, William M., Morrisville, Pa. Apparatus for manufacturing ceramic coil forms. 2,363,448; Nov. 21.

Sieurin, Oke S., Shrewsbury, Mass., assignor to The American Steel and Wire Company of New Jersey. Annealing platform. 2,366,065; Dec. 26.

Sievers, Hugh H. (See Welliver, L., and Sievers.)

Sieverts, William, et al. (See Bryant, Austin U., assignor.)

Sifferd, Robert H. (See Porsche, Jules D., and Sifferd.)

Sifferd, Robert H., Hollywood, assignor to Armour and Company, Chicago, Ill. Preparation of cholic acid. 2,346,239; Apr. 11.

Sigford, John V., Wabash, Ind., and W. H. Kliever, assignors to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Photographic process for etching figures on glass. 2,357,913; Sept. 12.

Sigg, Joseph A., Pittsburgh, Pa. Toy gun. 2,356,706; Aug. 22.

Sigler, Erasmus J., Delmar, assignor of ten per cent to A. J. Bellinger, St. Johnsville, N. Y. Automotive vehicle license tag. 2,338,824; Jan. 11.

Sigler, Laurence M., Washington, D. C., assignor of one-third to J. C. Gill and one-third to K. B. Gill, San Francisco, Calif. Presser head for egg opening machines. 2,356,707; Aug. 22.

Sigmund, Frank J., and W. S. Hlavin, Cleveland, Ohio, assignors to The Lake Erie Chemical Company. Plastic supported winding element. 2,340,905; Feb. 8.

Sigmund, Frantisek. (See Wolf, F., and Sigmund.)

Signaigo, Frank K. (See Freed, W. V., and Signaigo.)

Signal Engineering & Manufacturing Company. (See Humphreys, Ferdinand F., assignor.)

Signal Engineering & Manufacturing Company. (See Wheelock, J. H., and Cypser, assignors.)

Signal Service Corporation. (See Haggart, John C., Jr., assignor.)

Signode Steel Strapping Company. (See Crosby, George A., assignor.)

Signode Steel Strapping Company. (See Keil, Henry, assignor.)

Sigoda, Victor J., Great Neck, assignor to Man-Sew Corp., New York, N. Y. Ruffling attachment for sewing machines. 2,352,660; July 4.

Sigoda, Victor J., Great Neck, assignor to Man-Sew Pinking Attachment Corp., New York, N. Y. Embroidery stitching attachment for sewing machines. 2,365,222; Dec. 19.

Sikes Company, The. (See Sengpiel, William J., assignor.)

Sikes, Moyce H., Atlanta, Ga. Coin-controlled game apparatus. 2,348,267; May 9.

Sikora, Francis, Canton, Ohio. Game. 2,343,812; Mar. 7.

Sikora, Joseph F. (See Kapple, F., and Sikora.)

Sikström, Anton J., assignor to Kooperativa Förbundet Förening U. P. A., Stockholm, Sweden. Means for easily delivering paper, such as wrapping paper. 2,344,372; Mar. 14.

Silano, Peter, New York, N. Y. Baseball score card. 2,359,253; Sept. 26.

Silberstein, Sydney G., Brooklyn, N. Y. Combined display and shipping device. 2,340,148; Jan. 25.

Silleck, Joseph J., Chicago, Ill. Bus construction. 2,356,708; Aug. 22.

Silent Glow Oil Burner Corporation, The (See Sherman, Ralston M., assignor.)

Silentbloc Limited. (See Trier, Vernon A., assignor.)

Silex Company, The. (See Lucia, Louis V., assignor.)

Silex Company, The. (See Wolcott, Frank E., assignor.)

Silex Company, The. (See Wolcott, F. E., and Lucia, assignors.)

Sill, George A., and H. L. Thompson, Elgin, Ill. Invalid's chair. 2,339,361; Jan. 18.

Sillars, George S., Beverly, assignor to Hongue-Sprague Corporation, Lynn, Mass. Gluing mechanism for box-making. 2,338,138; Jan. 4.

Sillars, George S., Beverly, assignor to Hoague-Sprague Corporation, Lynn, Mass. Stacking apparatus. 2,345,012; Mar. 28.

Sillers, Donald A., Dallas, Tex. Compensated displacement meter. 2,339,956; Jan. 25.

Sillers, Thomas G. A., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Switchgear. 2,346,460; Apr. 11.

Silley, Henry A. J. (See Unthank, G. R., and Silley.)

Sillick Holding Company Limited, The. (See Canney, Duncan E. F., assignor.)

Sillick Holding Company Limited, The. (See Canney, D. E. F., and Balkin, assignors.)

Silliman, Louis A., assignor to C. J. Bates & Son, Chester, Conn. Tatting shuttle. 2,364,484; Dec. 5.

Silo Corporation. (See Job, Arthur, assignor.)

Silva, Frank C. (See Brewton, G. M., Andrews, and Silva.)

Silva, Frederick G., and W. S. Davenport, deceased, by E. E. Davenport, executrix, assignors to Davenport Machine Tool Co., Inc., Rochester, N. Y. Automatic forming machine. 2,347,372; Apr. 25.

Silva, Frederick G., and W. S. Seymour, assignors to Davenport Machine Tool Co., Inc., Rochester, N. Y. Automatic screw machine. 2,348,657; May 9.

Silva, Frederick G., and W. S. Seymour assignors to Davenport Machine Tool Co., Inc., Rochester, N. Y. Automatic screw machine. 2,364,169; Dec. 5.

Silven, Herbert A. (See Flygare, C. G., and Silven.)

Silven, Herbert A., assignor to Norton Company, Worcester, Mass. Hydraulic surface grinding machine. 2,361,903; Oct. 31.

Silver Globe Corporation, The. (See Busi, Mario, assignor.)

Silver, Louis, San Francisco, Calif. Knife. 2,353,416; July 11.

Silver, Orville K., Detroit, Mich. Seat operated switch. 2,359,254. Sept. 26.

Silver, Walter H., assignor to Deere & Company, Moline, Ill. Lister. 2,342,306; Feb. 22.

Silver, Walter H., assignor to Deere & Company, Moline, Ill. Clutch mechanism. 2,346,514; Apr. 11.

Silver, Walter H., assignor to Deere & Company, Moline, Ill. Ridge burster. 2,347,373; Apr. 25.

Silver, Walter H., assignor to Deere & Company, Moline, Ill. Lister. 2,351,078; June 13.

Silver, Walter H., assignor to Deere & Company, Moline, Ill. Lister. 2,354,886; Aug. 1.

Silver, Walter H., assignor to Deere & Company, Moline, Ill. Power lift. 2,361,326; Oct. 24.

Silver, Walter H., assignor to Deere & Company, Moline, Ill. Two-way plow. 2,363,901; Nov. 28.

Silverberg, Carl G. (See Tillyer, E. D., Silverberg, and Bernheim.)

Silverman, Daniel, assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Radioactivity logging. 2,362,164; Nov. 7.

Silverman, Daniel, and R. E. Fearon, assignors to Stanolind Oil and Gas Company, Tulsa, Okla. Well signaling system. 2,354,887; Aug. 1.

Silverman, Daniel, and R. W. Stuart, assignors to Stanolind Oil and Gas Company, Tulsa, Okla. Determining the nature of formations encountered in well drilling. 2,341,745; Feb. 15.

Silverman, Daniel, and R. W. Stuart, assignors to Stanolind Oil and Gas Company, Tulsa, Okla. Apparatus for drilling rate logging. 2,365,014; Dec. 12.

Silverstein, Julius, assignor of one-half to E. Mayer, North Franklyn, Conn. Clock. 2,347,516; Apr. 25.

Silverstein, Abe, Hampton, Va., and F. R. Nickle, Mountain View, Calif. Cooling system for aircraft. 2,365,223; Dec. 19.

Silveyra, Ricardo, Buenos Aires, Argentina. Flexible or pliable container. 2,338,604; Jan. 4.

Sim, Gordon, assignor to Teletype Corporation, Chicago, Ill. Tape directing device. 2,351,714; June 20.

Sim, Gordon, assignor to Teletype Corporation, Chicago, Ill. Platen hand wheel. 2,353,597; July 11.

Sim, Gordon, assignor to Teletype Corporation, Chicago, Ill. Paper tear-off device for typing apparatus. 2,360,591; Oct. 17.

Sim, William, Ralston, and K. M. Shields, Prestwick, Scotland. Ice skate. 2,355,401; Aug. 8.

Simison, Allen L. (See Bergin, W. M., and Simison.)

Simison, Allen L. (See Simpson, D. C., and Simison.)

Simjian, Luther G., assignor to The Reflectone Corp., Stamford, Conn. Revolving chair. 2,349,766; May 23.

Simmat, Eric. (See Vogt, J. H., and Simmat.)

Simmon, Alfred, Jackson Heights, N. Y. Exposure control for photographic cameras. 2,340,622; Feb. 1.

Simmon, Alfred, Jackson Heights, N. Y. Combination view and range finder. 2,340,623; Feb. 1.

Simmon, Alfred, Jackson Heights, N. Y. Film winding device for cameras. 2,340,624; Feb. 1.

Simmon, Alfred, Jackson Heights, N. Y. Exposure control mechanism for cameras. 2,341,393; Feb. 8.

Simmon, Alfred, Jackson Heights, N. Y. Photographic enlarger. 2,353,512; July 11.

Simmon, Alfred, Jackson Heights, N. Y. Portable photographic enlarger. 2,353,513; July 11.

Simmon, Alfred, Jackson Heights, assignor to Simmon Brothers Inc., Long Island City, N. Y. Electric control switch. 2,338,305; Jan. 4.

Simmon Brothers Inc. (See Simmon, Alfred, assignor.)

Simmonds Aerocessories Limited. (See Denisoff, A. C., and Scanlan, assignors.)

Simmonds, Harold A., and E. M. McIlvaine, U. S. Navy. Stop mechanism. 2,347,221; Apr. 25.

Simmons, Arthur B., assignor to Eastman Kodak Company, Rochester, N. Y. Engraving machine. 2,344,481; Mar. 14.

Simmons, Arthur B., and J. H. Eagle, assignors to Eastman Kodak Company, Rochester, N. Y. Bore sighting instrument. 2,353,272; July 11.

Simmons Company. (See Woller, Edward E., assignor.)

Simmons, Edward E., Jr., Pasadena, Calif. Method and apparatus for making strain gauges. 2,344,647; Mar. 21.

Simmons, Edward E., Jr., Pasadena, Calif. Moisture-proof strain gauge. 2,344,648; Mar. 21.

Simmons, Edward E., Jr., Pasadena, Calif. Torque measuring apparatus. 2,350,072; May 30.

Simmons, Edward E., Jr., Pasadena, Calif. Strain gauge and making same. 2,350,073; May 30.

Simmons, Edward E., Jr., Pasadena, Calif. Dynamometer and extensometer for impact testing. 2,362,589; Nov. 14.

Simmons, Edward E., Jr., Pasadena, Calif. Fluid pressure gauge. 2,365,015; Dec. 12.

Simmons, Frank L., Woonsocket, R. I. Permanent magnet chuck. 2,346,193; Apr. 11.

Simmons, Haryl C., Davenport, Iowa. Slicing knife. 2,355,755; Aug. 15.

Simmons, Howard A., Westchester, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Electrical measuring apparatus. 2,360,523; Oct. 17.

Simmons, John W., Cleveland Heights, Ohio. Fastener. 2,344,423; Mar. 14.

Simmons, John W., Cleveland Heights, Ohio. Resilient fastener. 2,364,668; Dec. 12.

Simmons, Leon E., Claremont, N. H., assignor to Sullivan Machinery Company. Mining machine. 2,349,311; May 23.

Simmons, Leon E., Claremont, N. H., assignor to Sullivan Machinery Company. Cutter chain. 2,365,780; Dec. 26.

Simmons, Leon E., Claremont, N. H., assignor to Sullivan Machinery Company. Pivoted link chain. 2,365,911; Dec. 26.

Simmons, Leon E., Claremont, N. H., assignor to Sullivan Machinery Company. Cutter chain. 2,365,975; Dec. 26.

Simmons, Lovel R., Jackson, Miss. Hitch. 2,360,901; Oct. 24.

Simmons, Lovel R., Jackson, Miss. Vehicle. 2,360,902; Oct. 24.

Simmons, Lovel R., Jackson, Miss. Vehicle. 2,360,903; Oct. 24.

Simmons, Nicholas L. (See Hall, Lloyd A., assignor.)

Simmons, Noah M., Indianapolis, Ind. Heating system for composite paperboard machines. 2,341,335; Feb. 8.

Simmons, Odys E., Vivian, Iowa. Measuring viscosity. 2,343,030; Feb. 29.

Simmons, R. F., Company. (See Schultheiss, John P., assignor.)

Simon, Eli. (See Hamilton, W. F., George, and Simon.)

Simon, Herbert A., Brooklyn, N. Y. Display stand. 2,344,273; Mar. 14.

Simon, Herman F., Lunenburg, assignor to Parks-Cramer Company, Fitchburg, Mass. Self-cleaning atomizer. 2,362,102; Nov. 7.

Simon, Johanna E., née Grünebaum, London, England. Connecting device. 2,355,913; Aug. 15.

Simon, Lester S., Larchmont, N. Y. Magnetically controlled element. 2,343,813; Mar. 7.

Simon, Meyer A., Clayton, Mo. Botary abrading device. 2,358,109; Sept. 12.

Simon, Meyer A., Clayton, Mo. Loading device for rotary rasps. 2,358,110; Sept. 12.

Simonds, Frank C., Moylan, assignor to The Atlantic Refining Company, Philadelphia, Pa. Pelican hook. 2,356,279; Aug. 22.

Simonds Saw and Steel Company. (See Hardy, George E., Jr., assignor.)

Simonin, Joseph E. (See Protin, E. J., and Simonin.)

Simonka, Eugene R., Brecksville, assignor to Dunham Company, Berea, Ohio. Tractor operated disk harrow. 2,343,482; Mar. 7.

Simons, Aaron, Bronx, N. Y. Automatic facet forming machine. 2,356,184; Aug. 22.

Simons, Homer C. (See Voorhees, H. R., and Simons.)

Simons, John K., Toledo, Ohio, assignor, by mesne assignments, to Libbey-Owens-Ford Glass Company. Urea-formaldehyde composition. 2,343,247; Mar. 7.

Simons, Lowell W., Tulsa, Okla. Camber and caster correction tool. 2,365,731; Dec. 26.

Simons, Morris, Ridgefield, Conn. Forming drawing dies and apparatus therefor. 2,364,005; Nov. 28.

Simonson, Sigvard. (See Bierman, W. A., and Simonson.)

Simonson, Sigvard, Butler, Pa., assignor to O. C. Duryea Corporation, Wilmington, Del. Car construction. 2,349,565; May 23.

Simonton, Theodore E. (See Gilson, Irving R., assignor.)

Simpkins, Thomas W., El Paso, Tex. Endless type outlet receptacle for electric plugs. 2,361,797; Oct. 31.

Simplex Products Corporation. (See Thompson, Ralph C., assignor.)

Simplex Safety Block Co. Inc. (See Schultz, Arnold J., assignor.)

Simplex Time Recorder Co. (See Deane, H. N., and Dell, assignors.)

Simplex Time Recorder Co. (See Deane, H. N., and Rockwood, assignors.)

Simplex Time Recorder Co. (See Rockwood, Albert E., assignor.)

Simplex Wrapping Machine Co. (See Gaubert, Rene J., assignor.)

Simpson, Clarence, Springfield, Mass. Recoil mechanism. 2,364,103; Dec. 5.

Simpson, Clarence E., Springfield, Mass. Securing interchangeability. 2,342,703; Feb. 29.

Simpson, Donald C., Toledo, and A. L. Simison, Newark, Ohio, assignor to Owens-Corning Fiberglas Corporation. Heating pad. 2,343,300; Mar. 28.

Simpson, Elwyn W. (See Huddleston, J., and Simpson.)

Simpson, Emory G., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Handle assembly. 2,345,075; Mar. 28.

Simpson, Emory G., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Latch for convertible automobile top. 2,360,524; Oct. 17.

Simpson, Emory G., assignor to General Motors Corporation, Detroit, Mich. Collapsible top. 2,362,939; Nov. 14.

Simpson, George L., Coraopolis Heights, Pa., assignor to Delaware Engineering Corporation, Wilmington, Del. Method and apparatus for the treatment of gases. 2,345,774; Apr. 4.

Simpson, George T., Detroit, Mich. Atmospheric air flow regulator. 2,358,260; Sept. 12.

Simpson, Harold W., assignor of one-half to H. M. Seago, Collinsville, Ill. Fuel conserving device for internal-combustion motors. 2,354,778; Aug. 1.

Simpson, Henry A. (See Pecker, J. S., and Simpson.)

Simpson, Henry A., Philadelphia, Pa., assignor to Machine and Tool Designing Company. Bomb carrier. 2,362,414; Nov. 7.

Simpson, Howard W., and A. Abgarian, assignors to Detroit Harvester Company, Detroit, Mich. Mower for tractors. 2,354,710; Aug. 1.

Simpson, John, Chicago, Ill. Fountain pen. 2,354,484; July 25.

Simpson, John K., assignor to Automotive Products Company Limited, Leamington Spa, England. Fluid driving mechanism. 2,345,433; Mar. 28.

Simpson, John K., assignor to Automotive Products Company Limited, Leamington Spa, England. Controlling system operated by fluid pressure. 2,361,130; Oct. 24.

Simpson, John M., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Blocker. 2,351,553; June 13.

Simpson, John M., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Piston. 2,351,554; June 13.

Simpson, John O., Forestville, assignor to The E. Ingraham Company, Bristol, Conn. Facing metal plates. 2,359,719; Oct. 3.

Simpson, Lancelot M., Thorner, near Leeds, and C. R. Woodland, Liverpool, assignors to Automatic Telephone & Electric Company Limited, London, England. Distributor mechanism for controlling the release of bombs or the like. 2,353,417; July 11.

Simpson, Roswell H. (See White, S. J., Simpson, and Meola.)

Simpson, Thomas P., J. W. Payne, and P. D. Valas, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Treatment of solvent refined oils with adsorbents. 2,346,127; Apr. 11.

Simpson, Thomas P., and C. H. Lechthaler, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Apparatus for catalytic conversion. 2,350,644; June 6.

Simpson, Thomas P., J. W. Payne, and J. A. Crowley, Jr., Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Catalyst regeneration. 2,361,571; Oct. 31.

Simpson, Waldo P. (See Anderson, A. E., and Simpson.)

Simpson, William, assignor to Newey Brothers Limited, Birmingham, England. Sewing machine. 2,339,887; Jan. 25.

Simpson, William, Schenectady, N. Y., assignor to General Electric Company. Function cam. 2,349,118; May 16.

Simpson, William H., Mount Airy, N. C. Coin wrapping device. 2,342,761; Feb. 29.

Simpson, William J. (See Finlayson, D., Greenwood, and Simpson.)

Sims, Alfred V., New York, N. Y.; A. W. Sims, executor of said A. V. Sims, deceased. Mixing fluids of different temperatures and densities. 2,353,195; July 11.

Sims, Alfred V., deceased, New York, N. Y.; A. W. Sims, executor. Granular support. 2,364,395; Dec. 5.

Sims, Alfred W., executor. (See Sims, Alfred V.)

Sims, Clarence R., Elkhart, Ind. Detachable heat circulating attachment. 2,362,316; Nov. 7.

Sims, Edward M., and H. T. Weeks, Dover, N. J. Work feeding device. 2,361,422; Oct. 31.

Sims, John C., Jr., Philadelphia, Pa., assignor to The Baldwin Locomotive Works. Universal resonant type fatigue testing machine. 2,356,804; Aug. 29.

Sims, Lawrence F., Towson, Md. Celery blanching ring. 2,342,376; Feb. 22.

Sims, William, executor. (See Sims, Alfred V.)

Sims, William O. (See Allen, H. G., and Sims.)

Sinclair, Charles W., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Manufacture of wheels. 2,345,993; Apr. 4.

Sinclair, Charles W., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Wheel. 2,363,902; Nov. 28.

Sinclair, Edward L. (See Crowley, J. A., Jr., and Sinclair.)

Sinclair, Frank E., Claremont, N. H., assignor to Sullivan Machinery Company. Pressure fluid motor. 2,358,601; Sept. 19.

Singer, Grover C., Brownsville, Tex. Incandescent electric lamp and making the same. 2,365,224; Dec. 19.

Sinclair, Harold. (See Kumler, R. W., and Sinclair.)

Sinclair Refining Company. (See Apgar, Frank A., assignor.)

Sinclair Refining Company. (See Beare, Leonard E., assignor.)

Sinclair Refining Company. (See Campbell, Oliver F., assignor.)

Sinclair Refining Company. (See Finley, Willard L., assignor.)

Sinclair Refining Company. (See Finley, W. L., and Kirk, assignors.)

Sinclair Refining Company. (See Gardner, Robert H., assignor.)

Sinclair Refining Company. (See Herlocker, R. D., Kleinholz, and Watkins, assignors.)

Sinclair Refining Company. (See Herthel, Eugene C., assignor.)

Sinclair Refining Company. (See May, Robert L., assignor.)

Sinclair Refining Company. (See Teter, John W., assignor.)

Sinclair Refining Company. (See Thacker, Richard B., Jr., assignor.)

Sinclaire, Francis S., Brooklyn, N. Y. Sound synchronising apparatus for motion pictures and phonographic recordings. 2,353,320; July 11.

Sinden, Alfred D., Aurora, Ill., assignor to Redler Conveyor Company, Quincy, Mass. Conveying apparatus. Re. 22,437; Feb. 15.

Sindler, Jay J., Boston, Mass. Buckle. 2,346,949; Apr. 18.

Singer, Fred J. (See Lang, W. Y., and Singer.)

Singer, Henry, Honolulu, Hawaii. Igniting device. 2,358,111; Sept. 12.

Singer, Kurt, North Hollywood, Calif., assignor to Radio Corporation of America. Compressor and variable equalizer system. 2,341,336; Feb. 8.

Singer, Kurt, North Hollywood, Calif., assignor to Radio Corporation of America. Sound recording compressor method and system. 2,357,696; Sept. 5.

Singer Manufacturing Company, The. (See Ackerman, James E., assignor.)

Singer Manufacturing Company, The. (See Andres, William A., assignor.)

Singer Manufacturing Company, The. (See Brady, William H., assignor.)

Singer Manufacturing Company, The. (See Buchanan, Myron W., assignor.)

Singer Manufacturing Company, The. (See Chason, Daniel H., assignor.)

Singer Manufacturing Company, The. (See Chason, D. H., and Egbert, assignors.)

Singer Manufacturing Company, The. (See Clayton, Andrew B., assignor.)

Singer Manufacturing Company, The. (See Enos, John P., assignor.)

Singer Manufacturing Company, The. (See Fleckenstein, George A., assignor.)

Singer Manufacturing Company, The. (See Fuge, H. B., and Pratt, assignors.)

Singer Manufacturing Company, The. (See Graesser, David A., assignor.)

Singer Manufacturing Company, The. (See Gunther, Hermann, assignor.)

Singer Manufacturing Company, The. (See Hacklander, Hans, assignor.)

Singer Manufacturing Company, The. (See Hale, Arthur N., assignor.)

Singer Manufacturing Company, The. (See Hamilton, Hugh G., assignor.)

Singer Manufacturing Company, The. (See Hoffman, Max O., assignor.)

Singer Manufacturing Company, The. (See Hofgesang, William, assignor.)

Singer Manufacturing Company, The. (See Ibbott, Welbie L., assignor.)

Singer Manufacturing Company, The. (See Ingalls, Ross D., assignor.)

Singer Manufacturing Company, The. (See Karle, John D., assignor.)

Singer Manufacturing Company, The. (See Kessler, Charles A., assignor.)

Singer Manufacturing Company, The. (See Kessler, C. A., and Ritter, assignors.)

Singer Manufacturing Company, The. (See Knaus, Nicholaus, assignor.)

Singer Manufacturing Company, The. (See Kneissler, Walter, assignor.)

Singer Manufacturing Company, The. (See Langille, W. O., and Perkins, assignors.)

Singer Manufacturing Company, The. (See McCann, Michael, assignor.)

Singer Manufacturing Company, The. (See Muecke, Edward, assignor.)

Singer Manufacturing Company, The. (See Myers, Walter, assignor.)

Singer Manufacturing Company, The. (See Naul, James M., assignor.)

Singer Manufacturing Company, The. (See Nissen, H. C., and Ackerman, assignors.)

Singer Manufacturing Company, The. (See Parry, Frank, assignor.)

Singer Manufacturing Company, The. (See Peets, Wilbur J., assignor.)

Singer Manufacturing Company, The. (See Peets, W. J., and Boll, assignors.)

Singer Manufacturing Company, The. (See Perkins, Kenneth, assignor.)

Singer Manufacturing Company, The. (See Pratt, Leonard C., assignor.)

Singer Manufacturing Company, The. (See Ritter, Herman, assignor.)

Singer Manufacturing Company, The. (See Sailer, Rudolph J., assignor.)

Singer Manufacturing Company, The. (See Smith, Floyd T., assignor.)

Singer Manufacturing Company, The. (See Spaine, E. P., and Faulkner, assignors.)

Singer Manufacturing Company, The. (See Turner, Edgar P., assignor.)

Singer Manufacturing Company, The. (See Webb, I. F., and Ackerman, assignors.)

Singer Manufacturing Company, The. (See Wesson, George W., assignor.)

Singer Manufacturing Company, The. (See Wood, Alfred R., assignor.)

Singer Manufacturing Company, The. (See Zonis, Sydney, assignor.)

Singer Motors Limited. (See Shorter, Leo J., assignor.)

Singer, Otto, London, England. Self-laying track for vehicles. 2,346,089; Apr. 4.

Singleton, Gray, Fort Meade, Fla. Preserving fruit juices. 2,347,339; Apr. 25.

Singleton, Howard S., Alexandria, Va. Welded pipe installation. 2,344,424; Mar. 14.

Singleton, John H., Prattville, Ala. Poison or fertilizer distributing machine. 2,357,141; Aug. 29.

Singley, Leslie K., Hendersonville, N. C. Holder for neckties or the like. 2,352,741; July 4.

Sinkovitz, Joseph, assignor to Miller Printing Machinery Co., Pittsburgh, Pa. Apparatus for handling and operating on materials. 2,353,196; July 11.

Sinkovitz, Joseph, assignor to Miller Printing Machinery Co., Pittsburgh, Pa. Printing apparatus. 2,363,560; Nov. 28.

Sinks, Allen T., Beach Bluff, Mass., assignor to General Electric Company. Current transformer. 2,341,954; Feb. 15.

Sinner, John B. and O. A., San Diego, Calif. Fastener for crypt fronts. 2,363,156; Nov. 21.

Sinner, Oscar A. (See Sinner, John B. and O. A.)

Sinnett, Chester M., Westmont, N. J., assignor to Radio Corporation of America. Sound recording system. 2,349,888; May 30.

Sinnett, Chester M., Westmont, N. J., assignor to Radio Corporation of America. Sound recording and reproducing system. 2,361,658; Oct. 31.

Sinning, Hattie H., Canton, S. Dak. Sewing appliance. 2,350,423; June 6.

Sipe, George I., Lancaster, Pa. Producing bread crumbs. 2,350,935; June 6.

Sipman, Lambertus C., Buenos Aires, Argentina, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Electronic indicating device. 2,365,601; Dec. 19.

Sipp-Eastwood Corporation. (See Kent, Frederick J., assignor.)

Sigveland, Ivar E., St. Paul, Minn. Amalgam carrier. 2,352,808; July 4.

Sir, Bernard F., Benton Harbor, assignor to D., F., E. N., and J. C. Williams, doing business as Williams Brothers, St. Joseph, Mich. Container and end closure therefor and making. 2,359,882; Oct. 10.

Siska, Henry C., Grosse Pointe Park, Mich. Mooring bitt. 2,339,034; Jan. 11.

Sisson, William A., Elizabeth, N. J., assignor, by mesne assignments, to Cold Control, Inc. Apparatus for refrigeration systems. 2,364,669; Dec. 12.

Sisto, Donato F., et al. (See Towles, William J., assignor.)

Sites, Benjamin L., assignor to Miehle Printing Press and Manufacturing Company, Chicago, Ill. Calculating instrument. 2,344,834; Mar. 21.

Sites, Benjamin L., assignor to Miehle Printing Press and Manufacturing Company, Chicago, Ill. Correction of color-separation negatives. 2,354,149; July 18.

Sites, David E., Chicago, Ill., assignor to Rand McNally & Company. Globe. 2,340,023; Jan. 25.

Sitney, Massey, Berkeley, Calif. Smoker's pipe. 2,351,883; June 20.

Sitzer, Philip, Irvington, assignor to Tung-Sol Lamp Works Inc., Newark, N. J. Gaseous discharge lamp and starting mechanism therefor. 2,347,222; Apr. 25.

Sivertsen, Jens, assignor to Tinius Olson Testing Machine Company, Philadelphia, Pa. Recorder for testing machines. 2,351,574; June 13.

Sivley, Garland A., Peoria, Ill., assignor of three-fourths to E. Reich, Quakertown, Pa. Cooking device. 2,362,415; Nov. 7.

Six, Charles G., assignor to F. W. Berk and Company Limited, London, England. Preparation of ferric oxide. 2,344,004; Mar. 14.

Sizer, F. P. (See Adams, Gilford D., assignor.)

Sjogren, Knut R., Los Angeles, Calif. Lathe attachment. 2,342,903; Feb. 29.

Sjöstrand, Hjalmar E., Stockholm, Sweden. Device for grinding straight edges on planer cutter blades. 2,347,800; May 2.

Sjostrom, Robert L., Lawrence, Mass. Sheet tearing device. 2,346,194; Apr. 11.

Skaller, Hans G., Bronx, assignor to The Hospital Supply Company, New York, N. Y. Sterilizer container. 2,340,024; Jan. 25.

Skaller, Hans G., Flushing, assignor to The Hospital Supply Company, New York, N. Y. Closure mechanism. 2,355,475; Aug. 8.

Skaredoff, Nikolai N., New York, assignor of one-half to G. A. Rubissow, New York County, N. Y. Interruption injection pump. 2,356,627; Aug. 22.

Skaupy, Franz, Berlin-Lichterfelde, and Gustav Weissenberg, Berlin-Mariendorf, Germany; vested in the Alien Property Custodian. Making filaments consisting of pure silicic acid. 2,338,463; Jan. 4.

Skelly, Bernard H., Bridgeport, Conn., deceased; Frances A. Skelly, administratrix. Automobile theft preventing device. 2,354,070; July 18.

Skelly, Frances A., administratrix. (See Skelly, Bernard H.)

Skelly Oil Company. (See Shaver, Ward, assignor.)

Skelly Oil Company. (See Titus, B. D., and Blaine, assignors.)

Skelton, William R. (See Trostler, F., Andrews, and Skelton.)

Skenandoa Rayon Corporation. (See Mattinson, F. W., and Hoffman, assignors.)

Skerritt, Roy P., Detroit, Mich. Control for fuel economizers. 2,362,940; Nov. 14.

Skidmore, Keith L. (See Virden, L. E., and Skidmore.)

Skiles, Benjamin F. (See Cole, J. E., and Skiles.)

Skilling, Hugh, Stanford University, Calif., assignor to International Standard Electric Corporation, New York, N. Y. Current measuring device. 2,358,480; Sept. 19.

Skilsaw, Inc. (See Schmied, Joseph M., assignor.)

Skinker, Murray F., Montclair, assignor to Federal Telephone and Radio Corporation, Newark, N. J. Rectifier and making the same. 2,359,801; Oct. 10.

Skinner, Bronson C. (See Walker, Charles S., assignor.)

Skinner, Bronson C. (See Walker, C. S., Skinner, and Bristow.)

Skinner, Brunhilde W. (See Hussey, James F., assignor.)

Skinner, Edward D., assignor to Kenmar Manufacturing Company, Philadelphia, Pa. Plastic material dispenser. 2,340,433; Feb. 1.

Skinner Engine Company. (See Skinner, James L., assignor.)

Skinner, George D. (See Campbell, H. G., and Skinner.)

Skinner, George D., London, England. Heating and ventilating system. 2,359,057; Sept. 26.

Skinner, James L., assignor to Skinner Engine Company, Erie, Pa. Engine control mechanism. 2,363,812; Nov. 28.

Skinner, L. R. (See McNees, Lillie S., assignor.)

Skinner, M. B., Company. (See Merrill, Patterson D., assignor.)

Skinner, M. B., Company. (See Misch, Arthur C., assignor.)

Skinner, Ralph L. (See Kasten, Walter, assignor.)

Skinner, Ralph L. (See Mason, Adam E., assignor.)

Skinner, Ralph L., Birmingham, Mich. Cleanable filter. 2,354,150; July 18.

Skinner, Ralph L., Birmingham, and W. Kasten, Franklin, Mich.; said Kasten assignor to said Skinner. Filter. 2,360,020; Oct. 10.

Skipper, Edward M., assignor to Locke Insulator Corporation, Baltimore, Md. Forming insulator bodies. 2,346,620; Apr. 11.

Skipper, Edward M., assignor to Locke Insulator Corporation, Baltimore, Md. Insulator cutting machine. 2,355,684; Aug. 15.

Sklaar, Richard. (See Ferris, L. F., Sklaar, and Burau.)

Sklar, David F., Brooklyn, assignor to Wilson Mechanical Instrument Co., Inc., New York, N. Y. Penetrator chuck retainer. 2,362,941; Nov. 14.

Sklovsky, Max. (See Maxon, I. D., Sklovsky, and Nordenson.)

Skoglund, Victor J., San Diego, Calif., assignor to United Aircraft Corporation, East Hartford, Conn. Fluid nozzle. 2,354,151; July 18.

Skold, John F. (See Zimmerman, C. E., and Skold.)

Skolnik, Allen. (See Svoboda, F. A., and Skolnik.)

Skolnik, Max, Chicago, Ill. Casket and making same. 2,340,208; Jan. 25.

Skolnik, Max, Chicago, Ill. Burial vault and making same. 2,340,209; Jan. 25.

Skolnik, Max, assignor to Fibro-Mold Specialties, Inc., Chicago, Ill. Burial vault. 2,347,440; Apr. 25.

Skoning, John H. S., Grosse Pointe Park, assignor to Briggs Manufacturing Company, Detroit, Mich. Apparatus for making tubing. 2,338,266; Jan. 4.

Skowron, Edmund A., Pittsburgh, Pa., assignor to Woodings-Verona Tool Works, Verona, Pa. Splice bar descaling method and apparatus. 2,357,695; Sept. 5.

Slack, Alfred D., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Recovering film scrap. 2,338,672; Jan. 4.

Slack, Alfred D., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Recovering film scrap. 2,338,673; Jan. 4.

Slack, Charles M., Glen Ridge, and L. F. Ehrke, Newark, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electron emission device. 2,349,468; May 23.

Slack, Frederic W., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Motor vehicle. 2,340,149; Jan. 25.

Slack, Frederic W., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Motor vehicle. 2,358,481; Sept. 19.

Slade, Franklin L., Washington, D. C. Ventilating means. 2,341,296; Feb. 8.

Slansky, Cyril M., assignor to The Dow Chemical Company, Midland, Mich. Magnesium compound from calcined dolomite. 2,338,876; Jan. 11.

Slate, Arthur R. (See Koplin, H., and Slate.)

Slate Experimental Development Company. (See Slate, Thomas B., assignor.)

Slate, Thomas B., Washington, D. C., assignor to Slate Experimental Development Company, Burbank, Calif. Automatic machine gun charger. 2,340,705; Feb. 1.

Slater, Jay P., Lakewood, N. Y. Protective device for drills. 2,353,514; July 11.

Slater, Murray, Brooklyn, N. Y. Jewelry. 2,357,697; Sept. 5.

Slatnick, Harry, Waterbury, Conn. Incendiary bomb and fire extinguisher. 2,359,534; Oct. 3.

Slaughter, Charles E., New Canaan, Conn., assignor to Extruded Plastics, Inc., Norwalk, Conn. Plastic trim. 2,348,658; May 9.

Slaughter, Charles E. New Canaan, assignor to Extruded Plastics, Inc., Norwalk, Conn. Composite article and element therefor. 2,354,485; July 25.

Slaughter, Elmer C. (See Lacy, H. J., II, and Slaughter.)

Slavek, Frederick R., Woodside, N. Y. Machine for interfolding strips. 2,366,130; Dec. 26.

Slavicek, George, Berwyn, Ill., assignor to International Harvester Company. Weld fabricated roll. 2,352,601; June 27.

Slavin, Benjamin J., University City, Mo. Process of manufacturing shoes. 2,350,198; May 30.

Slaymaker, Frank H. (See Bowser, T. L., and Slaymaker.)

Slaymaker, Frank H. (See Goldberg, H., Slaymaker, and Stewart.)

Slayter, Games, Newark, Ohio, assignor to Owens-Corning Fiberglas Corporation. Fibrous glass product. 2,339,431; Jan. 18.

Slayter, Games, Newark, assignor, by mesne assignments, to Owens-Corning Fiberglas Corporation, Toledo, Ohio. Apparatus for producing fibrous glass. 2,348,182; May 2.

Slayton, Ralph E., deceased, Larchmont, N. Y., Adele McTerney, executrix. Slicing machine. 2,338,139; Jan. 4.

Sledge, Guy P., Jr., Ville Platte, La., assignor to Continental Oil Company, Ponca City, Okla. Gas pulsation dampener for pressure meters. 2,342,904; Feb. 29.

Sledzianowski, Frans, Berlin-Charlottenburg, Germany; vested in the Alien Property Custodian. Apparatus for electrolytic production of hydrogen. 2,356,541; Aug. 22.

Sleeper, Henry A., Sacramento, Calif. Badge. 2,357,231; Aug. 29.

Slepian, Arthur, Trumbull, assignor, by mesne assignments, to The Wheeler Insulated Wire Company, Incorporated, Bridgeport, Conn. Fluorescent tube circuit. 2,340,348; Feb. 1.

Slepian, Joseph, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,349,681; May 23.

Slepian, Joseph, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Oil circuit breaker. 2,365,602; Dec. 19.

Slepian, Joseph, Pittsburgh, and J. M. White, Lilly, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Glass covered igniter. 2,340,085; Jan. 25.

Slevin, Julian B., Jr., Drexel Hill, Pa. Carrier for containers. 2,340,230; Jan. 25.

Slezak, John, assignor to Turner Brass Works, Sycamore, Ill. Drain fitting. 2,349,202; May 16.

Slick, Edwin E., Pittsburgh, Pa. Manufacture of glassware. 2,366,066; Dec. 26.

Slightam, Paul E., Palos Heights, Ill., assignor to General Mills, Inc. Upending device. 2,356,120; Aug. 15.

Slingsby, Guy, Enfield, England. Hand truck. 2,360,799; Oct. 17.

Sloan, Arthur W. (See Jones, P. C., and Sloan.)

Sloan, Clifford K., Thornton, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Rendering massive inorganic bodies hydrophobic. 2,356,542; Aug. 22.

Sloan, Edward C., assignor to J. B. Hawley, Geneva, Ill. Filter. 2,349,469; May 23.

Sloan, Edward C., Geneva, assignor to The Rudolph Wurlitzer Company, Chicago, Ill. Apparatus for forming materials. 2,362,672; Nov. 14.

Sloan, Franklyn B., Brooklyn, N. Y. Quick heating device. 2,359,393; Oct. 3.

Sloan, Philip W., Cleveland, Ohio, assignor to Linn Manufacturing Corporation, Morris, N. Y. Convertible vehicle. 2,341,883; Feb. 15.

Sloan, Roland H., Sr. (See Sloan, Roland H., Jr., assignor.)

Sloan, Roland H., Jr., Atlanta, Ga., assignor of one-half to R. H. Sloan, Sr., New Brighton, N. Y. Frozen food locker unit. Re. 22,431; Feb. 1.

Sloan, Theodore H., assignor to G. M. S. Corporation, Pittsburgh, Pa. Chuck for machine tools. 2,365,116; Dec. 12.

Sloan Valve Company. (See Sloan, William E., assignor.)

Sloan, William E., River Forest, assignor to Sloan Valve Company, Chicago, Ill. Throttling device. 2,341,394; Feb. 8.

Sloan, William E., River Forest, assignor to Sloan Valve Company, Chicago, Ill. Water closet. 2,344,649; Mar. 21.

Sloane, Harrison G. (See Runsvold, M. S., and Sloane.)

Sloane, Martin J. (See Fraser, W., and Sloane.)

Sloane, William W., assignor to Goodman Manufacturing Company, Chicago, Ill. Loading device. Re. 22,449; Feb. 29.

Sloane, William W., assignor to Goodman Manufacturing Company, Chicago, Ill. Kerf-cutting machine. 2,339,523; Jan. 18.

Sloane, William W., assignor to Goodman Manufacturing Company, Chicago, Ill. Power transmission device. 2,340,571; Feb. 1.

Sloane, William W., assignor to Goodman Manufacturing Company, Chicago, Ill. Shaker conveyer. 2,353,273; July 11.

Sloane, William W, assignor to Goodman Manufacturing Company, Chicago, Ill. Loading machine. 2,354,336; July 25.

Sloane, William W., assignor to Goodman Manufacturing Company, Chicago, Ill. Loading device for shaker conveyers. 2,360,169; Oct. 10.

Sloat, Howard M., Fairfield, Conn. Loading apparatus. 2,344,650; Mar. 21.

Slocomb, F. F., Corporation. (See Bond, W. G., and Sellers, assignors.)

Slocomb, F. F., Corporation. (See Stout, F. S., Bond, and Ladner, assignors.)

Slocum, Henry M., assignor to Colvin-Slocum Boats, Inc., New York, N. Y. Life preserver light. 2,355,247; Aug. 8.

Sloman, Cheri M., Detroit, Mich., and G. Giusti, Los Angeles, Calif., assignors to United States Rubber Company, New York, N. Y. Tractor track. 2,338,550; Jan. 4.

Sloman, Robert A., et al. (See Friedlaender, Ernest, assignor.)

Slomsky, Saul M. (See Hayes, Frank J., assignor.)

Slonczewski, Thaddeus, Glenwood Landing, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Printer for instrument scales. 2,342,560; Feb. 22.

Sloof, Florus C. W. (See Boterweg, D., and Sloof.)

Slotsky, David, Cleveland, Ohio. Mounting means for rimless glasses. 2,362,725; Nov. 14.

Slotsky, David, Cleveland, Ohio. Mounting means for spectacles. 2,362,726; Nov. 14.

Slotterbeck, Ober C., Rahway, N. J., assignor to Standard Oil Development Company. Regeneration of spent alkylation acids. 2,345,506; Mar. 28.

Slotterbeck, Ober C., Rahway, and A. R. Kittleson, Westfield, N. J., assignors to Standard Oil Development Company. Manufacture of aliphatic amines. 2,353,091; July 4.

Slough, George G. (See Whittaker, C. E., and Slough.)

Slowinske, George A. (See Collins, L., Slowinske, and Smith.)

Slusser-McLean Scraper Company, The. (See Brodersen, Max M., assignor.)

Slye, Norman J. (See Vaughan, F. P., Krueger, Slye, and Engel.)

Slye, Norman J., and A. S. Krueger, assignors to Alwin Manufacturing Company, Green Bay, Wis. Napkin dispenser. 2,343,814; Mar. 7.

Small, Arthur E., Porter, Ind., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Retarding railway car doors. 2,348,369; May 9.

Small, Arthur E., Porter, Ind., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Retarding means for railway car doors. 2,350,645; June 6.

Small, C. T., Manufacturing Company. (See Mundy, William J., assignor.)

Small, Louis. (See Hammill, D. R., and Small.)

Small, Ralph D., Chicago, Ill. Eye shield. 2,342,377; Feb. 22.

Small, Robert M. (See Gleason, R. C., and Small.)

Smallen, Harry M., Brooklyn, N. Y. Partial removable denture. 2,347,340; Apr. 25.

Smallen, Louis J., Los Angeles, Calif. Cover for cooking ranges. 2,350,074; May 30.

Smaller War Plants Corporation. (See Smith, C. D., and O. S. F., assignors.)

Smalley, Alfred P. (See Eales, Charles E., assignor.)

Smalley, Dean F., East Lynn, Mass., assignor to General Electric Company. Dynamoelectric machine. 2,347,517; Apr. 25.

Smalley, Oliver. (See Reece, H. A., and Smalley.)

Smalley, Oliver, Pittsburgh, Pa., assignor to Meehanite Metal Corporation, Chattanooga, Tenn. Manufacturing cast iron. 2,364,922; Dec. 12.

Smart, Clarence F. (See Manning, W. H., and Smart.)

Smart, Paul. (See Hennsey, R. O., and Smart.)

Smart, Sidney K. (See Harmon, K. A., and Smart.)

Smart, William A. (See Bennion, L. H., and Smart.)

Smeaton, Isabel D. (See Sochaczewski, Stanislaw, assignor.)

Smejkal, Vilém, Prerau, Moravia; vested in the Alien Property Custodian. Bright optical system for color photography. 2,352,026; June 20.

Smellie, Donald G., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. Re. 22,426; Jan. 25.

Smellie, Donald G., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,342,905; Feb. 29.

Smellie, Donald G., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,348,861; May 16.

Smellie, Donald G., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,364,877; Dec. 12.

Smely, Vaclav, Pelton, England. Loading apparatus. 2,363,204; Nov. 21.

Smessaert, Raymond R., assignor to Teletype Corporation, Chicago, Ill. Keying mechanism. 2,354,779; Aug. 1.

Smeykal, Karl. (See Herold, P., Smeykal, Asinger, and Wolf.)

Smidth, F. L., & Co. (See Andersen, A. B., and Horn, assignors.)

Smidth, Leonard, Houston, Tex. Making urea-formaldehyde molding compositions and product therefrom. 2,338,464; Jan. 4.

Smidth, Leonard, Houston, Tex. Urea-formaldehyde condensation products. 2,346,708; Apr. 18.

Smidth, Leonard, New York, N. Y. Plastic composition and preparing the same. 2,359,166; Sept. 26.

Smiley, Hunter, et al. (See Voigt, George Q., assignor.)

Smiley, Gilbert, Hingham, and C. L. Delano, Waltham, assignors to General Control Company, Cambridge, Mass. Electric switch. 2,351,236; June 13.

Smiley, John B. (See Foster, Robert B., assignor.)

Smillie, John F., San Diego, Calif. Navigation instrument. 2,351,884; June 20.

Smirl, Richard L. (See Nutt, H., and Smirl.)

Smirl, Richard L., Bellwood, assignor to Borg-Warner Corporation, Chicago, Ill. Fluid coupling. 2,340,494; Feb. 1.

Smit, J. K., & Sons, Inc. (See Taylor, Rutherford H., assignor.)

Smith, A. L. Iron Co. (See Levy, Barnett, assignor.)

Smith, A. O., Corporation. (See Andrus, Orrin E., assignor.)

Smith, A. O., Corporation. (See Bennett, Edward, assignor.)

Smith, A. O., Corporation. (See Burggraf, Albert W., assignor.)

Smith, A. O., Corporation. (See Chyle, John J., assignor.)

Smith, A. O., Corporation. (See Dilley, Garnett D., assignor.)

Smith, A. O., Corporation. (See Gruetjen, Frederick A., assignor.)

Smith, A. O., Corporation. (See Heath, William C., assignor.)

Smith, A. O., Corporation. (See Heineman, Warren F., assignor.)

Smith, A. O., Corporation. (See Higgins, Waldo W., assignor.)

Smith, A. O., Corporation. (See Jasper, Thomas M., assignor.)

Smith, A. O., Corporation. (See Koppel, Ernst R., assignor.)

Smith, A. O., Corporation. (See Lauck, Francis W., assignor.)

Smith, A. O., Corporation. (See Limpel, Eugene J., assignor.)

Smith, A. O., Corporation. (See Maronek, Frank R., assignor.)

Smith, A. O., Corporation. (See Martin, Wesley G., assignor)

Smith, A. O., Corporation. (See Priebe, Arthur W., assignor.)

Smith, A. O., Corporation. (See Reiser, Leo, assignor.)

Smith, A. O., Corporation. (See Richter, Walther, assignor.)

Smith, A. O., Corporation. (See Scudder, Charles M., assignor.)

Smith, A. O., Corporation. (See Tiedemann, J. B., and Winstrom, assignors.)

Smith, A. O., Corporation. (See Westin, S. and A., assignors.)

Smith, A. O., Corporation. (See Westin, Sven and A., assignors.)

Smith, A. O., Corporation. (See Yost, Lloyd, assignor.)

Smith, A., & Son, Incorporated. (See Smith, J. R., Jr., and De la Rosa, assignors.)

Smith, Albert A., Jr. (See Phillips, A. J., and Smith.)

Smith, Albert F., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Artificial filament. 2,341,823; Feb. 15.

Smith, Albert K. (See Prutton, Carl F.)

Smith, Albert K. (See Prutton, C. F., and Smith.)

Smith, Albert K. (See Prutton, C. F., Smith, and Frey.)

Smith, Alexander, & Sons Carpet Company. (See Mackenzie, Franklin H., assignor.)

Smith, Alfred. (See Ormerod, G. A., and Smith.)

Smith, Algy J., assignor to Hartford-Empire Company, Hartford, Conn. Apparatus for introducing fluids into containers. 2,347,974; May 2.

Smith, Alonzo L., Houston, Tex. Testing wells. 2,340,993; Feb. 8.

Smith, Alva T., assignor to The Sunlite Mfg. Company, Milwaukee, Wis. Plastic material and water-proofing the same. 2,355,756; Aug. 15.

Smith, Alva T., assignor to The Sunlite Mfg. Company, Milwaukee, Wis. Flatiron. 2,362,590; Nov. 14.

Smith, Alva T., assignor to The Sunlite Mfg. Company, Milwaukee, Wis. Pressing iron. 2,362,591; Nov. 14.
Smith, Alvero E. (See Rietz, C. A., and Smith.)
Smith, Arthur, Los Angeles, Calif. Container loading apparatus. 2,358,421; Sept. 19.
Smith, Arthur C., Detroit, Mich. Gauge. 2,339,720; Jan. 18.
Smith, Arthur E. (See Hersey, D. S., and Smith.)
Smith, Arthur E., Los Angeles, Calif. Syringe and ampoule. 2,345,301; Mar. 28.
Smith, Arthur E., Los Angeles, Calif. Anaesthetizing syringe. 2,345,302; Mar. 28.
Smith, Arthur E., Los Angeles, Calif. Ampoule. 2,362,103; Nov. 7.
Smith, Arthur E., Los Angeles, Calif. Hypodermic syringe. 2,362,165; Nov. 7.
Smith, Arthur G., Elyria, Ohio. Surface conditioner. 2,357,291; Sept. 5.
Smith, Arthur R., Schenectady, N. Y., assignor to General Electric Company. Surface type heat exchanger. 2,350,936; June 6.
Smith, Arthur R., Schenectady, N. Y., assignor to General Electric Company. Surface type heat exchanger. 2,354,071; July 18.
Smith, Bert, and C. Ringel, Teaneck, N. J., assignors to The Superheater Company, New York, N. Y. Superheater header. 2,359,589; Oct. 3.
Smith, Blanchard D., assignor to Scripto Manufacturing Company, Atlanta, Ga. Mechanical pencil. 2,362,727; Nov. 14.
Smith, Brook I., Elizabeth, N. J., assignor to Standard Oil Development Company. Treating hydrocarbon fluids. 2,363,903; Nov. 28.
Smith, Brook I., and E. G. Morin, Elizabeth, N. J., assignors to Standard Oil Development Company. Treating fluid mixtures. 2,348,659; May 9.
Smith, Burgess W., assignor to The Todd Company, Inc., Rochester, N. Y. Printing apparatus. 2,339,199; Jan. 11.
Smith, Burwell B., and E. E. Hilker, assignors to S. Morgan Smith Company, York, Pa. Control system. 2,345,360; Mar. 28.
Smith, Burwell B., and E. E. Hilker, assignors to S. Morgan Smith Company, York, Pa. Control system. 2,345,361; Mar. 28.
Smith, Burwell B., and E. E. Hilker, assignors to S. Morgan Smith Company, York, Pa. Control system. 2,345,362; Mar. 28.
Smith, Byron L., East Rochester, assignor to The Folmer Graflex Corporation, Rochester, N. Y. Photographic identification equipment unit. 2,339,657; Jan. 18.
Smith, Byron L., East Rochester, assignor to The Folmer Graflex Corporation, Rochester, N. Y. Film holder with light valves or guards. 2,339,658; Jan. 18.
Smith, Byron L., East Rochester, assignor to The Folmer Graflex Corporation, Rochester, N. Y. Photographic film holder. 2,344,951; Mar. 28.
Smith Cannery Machines Company. (See Oates, Norford L., assignor.)
Smith, Caleb. (See Glanville, R. H., and Mumford, assignors.)
Smith, Cecil W., Waterman, Ill. Pump. 2,342,906; Feb. 29.
Smith, Charles B. (See Allen, R. G., and Smith.)
Smith, Charles C., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Electrical conductor and making it. 2,359,590; Oct. 3.
Smith, Charles C., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Strand handling apparatus. 2,363,205; Nov. 21.
Smith, Charles D. and O. S. F., Anderson, Ind., assignors to Smaller War Plants Corporation, Chicago, Ill. Form. 2,348,935; May 16.
Smith, Charles G., Medford, assignor to Raytheon Manufacturing Company, Newton, Mass. Electrical gaseous discharge lamp. 2,355,117; Aug. 8.
Smith, Charles I., Glendale, and T. J. Ball, Pasadena, Calif. Holding device for food containers in refrigerating dispensing cabinets. 2,350,075; May 30.
Smith, Charles R., Chicago, Ill. Hopper. 2,365,441; Dec. 19.
Smith, Charles V., assignor to The Univis Lens Company, Dayton, Ohio. Molding. 2,342,378; Feb. 22.
Smith, Chester W., Lynn, Mass., assignor to General Electric Company. Gas turbine arrangement. 2,364,037; Nov. 28.
Smith, Clarence E. (See McConnell, C. F., and Smith.)
Smith, Clarence J., assignor to Brake Equipment & Supply Co., Chicago, Ill. Reversing valve assembly. 2,342,763; Feb. 29.
Smith, Claude H., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Filter. 2,365,360; Dec. 19.
Smith, Claude H., Talmadge, and A. J. Gracia, Cuyahoga Falls, assignors to Wingfoot Corporation, Akron, Ohio. Compounding rubber. 2,343,835; Mar. 7.
Smith, Claude R., Philadelphia, Pa., assignor to C. R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Compounds of nicotine. 2,356,185; Aug. 22.
Smith, Clement J., Baytown, assignor of one-half to L. M. Smith, Navasota, Tex. Fence fastener or staple. 2,362,317; Nov. 7.
Smith, Clifton E., Lincoln Park, and T. H. Vaughn, Grosse Ile, assignors, by mesne assignments, to Wyandotte Chemicals Corporation, Wyandotte, Mich. Manufacture of protected wooden barrels. 2,345,775; Apr. 4.
Smith, Clyde, Hopkinsville, Ky., assignor to Addressograph-Multigraph Corporation, Cleveland, Ohio. Calculating and printing machine. 2,352,027; June 20.
Smith, Clyde E. (See Cooper, J. H., and Smith.)
Smith, Clyde E., Port Homer, and M. M. Seeloff, assignors to The Taylor-Winfield Corporation, Warren, Ohio. Welding apparatus. 2,363,755; Nov. 28.
Smith, Clyde H., Panama City, Panama. Hydraulic built-in jack. 2,343,937; Mar. 14.
Smith, Cyril H. (See Ferguson, W. C., and Smith.)
Smith, Dallas M., Kirkwood, Mo. Piston packing. 2,359,007; Sept. 26.
Smith, Dallas M., Kirkwood, Mo. Piston packing. 2,362,673; Nov. 14.
Smith, Dallas M., Kirkwood, assignor to McQuay-Norris Manufacturing Company, St. Louis, Mo. Piston packing. 2,361,904; Oct. 31.
Smith, Dell R., Everett, Wash. Fish ladder. 2,363,154; Nov. 21.
Smith, Delmas A., Goose Creek, and W. B. Franklin, Baytown, Tex., assignors to Standard Oil Development Company. Production of anhydrous hydrogen chloride. 2,351,461; June 13.
Smith, Donald D. (See Finley, K. L., Smith, and Spreng.)
Smith, Donald J., Vancouver, British Columbia, Canada, assignor to Reed-Prentice Corporation, Worcester, Mass. Chain saw construction. 2,356,437; Aug. 22.
Smith, Drum and Company. (See Drum, H. S., and Dodson, assignors.)
Smith, Earl D., Blacksburg, Va., assignor to Hercules Powder Company, Wilmington, Del. Preparation of chlorinated rubber. 2,345,507; Mar. 28.
Smith, Edgar M., Trenton, N. J., assignor to The Brown Instrument Company, Philadelphia, Pa. Temperature measuring apparatus. 2,339,116; Jan. 11.
Smith, Edgar M., Trenton, N. J., assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring apparatus. 2,364,923; Dec. 12.
Smith, Edmund G. (See Devine, A. J., and Smith.)
Smith, Edward P., assignor to The Ohio Brass Company, Mansfield, Ohio. Valve control system. 2,354,888; Aug. 1.
Smith, Edwin R., assignor to Seneca Falls Machine Company, Seneca Falls, N. Y. Control mechanism for machine tools. 2,359,255; Sept. 26.
Smith, Egbert V., Kerrville, Tex. Airplane wing. 2,364,006; Nov. 28.
Smith, Elizabeth E. (See Smith, Herbert N. and E. E.)
Smith, Elmer H., assignor to Smith Welding Equipment Corporation, Minneapolis, Minn. Cutting torch. 2,344,219; Mar. 14.
Smith, Elmer H., assignor to Smith Welding Equipment Corporation, Minneapolis, Minn. Torch tip. 2,351,787; June 20.
Smith, Elmer L., Longmeadow, and C. E. Melhorn, assignors to Package Machinery Company, Springfield, Mass. Cartridge loader. 2,339,299; Jan. 18.
Smith, Elmer L., Longmeadow, and C. Wetsel, assignors to Package Machinery Company, Springfield, Mass. Gluing device for wrapping machines. 2,342,497; Feb. 22.
Smith, Emmett A., East Cleveland, assignor to The Lincoln Electric Company, Cleveland, Ohio. Welding. 2,362,505; Nov. 14.
Smith, Emmett A., East Cleveland, assignor to The Lincoln Electric Company, Cleveland, Ohio. Apparatus for arc welding. 2,364,826; Dec. 12.
Smith, Esther M., assignor of one-half to A. Martin, Pittsburgh, Pa. Animal trap. 2,362,031; Nov. 7.
Smith, F. A. Manufacturing Company. (See Bean, Frank R., assignor.)
Smith, Fairleigh E., Harlingen, Tex. Free-flowing sulphur. 2,345,862; Apr. 4.
Smith, Floyd, assignor to Pioneer Parachute Company, Inc., Manchester, Conn. Parachute. 2,350,646; June 6.
Smith, Floyd T., White Plains, N. Y., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Bearing construction. 2,345,952; Apr. 4.
Smith, Francis L. (See Melcher, Alfred A., assignor.)
Smith, Frank B., assignor to The Dow Chemical Company, Midland, Mich. Chemical seasoning of wood. 2,347,935; Apr. 25.
Smith, Frank B., and J. N. Hansen, Midland, Mich., assignors to The Dow Chemical Company. Cyclohexylamine salts. 2,363,561; Nov. 28.
Smith, Frank L., assignor to The North Carolina Granite Corporation, Mount Airy, N. C. Loading and unloading apparatus for self-propelled vehicles. 2,354,337; July 25.
Smith, Frank M., Lynn, Mass. Gun sight and mounting. 2,345,363; Mar. 28.
Smith, Frank M., Dearborn, Mich., assignor, by mesne assignments, to Consolidated Aircraft Corporation, San Diego, Calif. Vibration damped panel. 2,355,568; Aug. 8.

Smith, Frank M., Dearborn, Mich., assignor, by mesne assignments, to Consolidated Aircraft Corporation, San Diego, Calif. Spar structure for airplane wings. 2,365,781; Dec. 26.
Smith, Franklin E., South Dartmouth, Mass. Hose coupling collapsing tool. 2,358,674; Jan. 4.
Smith, Franklin E., South Dartmouth, Mass. Hose coupling. 2,366,067; Dec. 26.
Smith, Franklin E., Chelsfield, England. Flexible hose. 2,358,743; Sept. 19.
Smith, Franklin S., New Haven, Conn. Method and apparatus for destroying insect life. 2,339,654; Jan. 18.
Smith, Franklin S., New Haven, Conn. Apparatus for destroying insect life. 2,339,732; Jan. 18.
Smith, Franklin S., New Haven, Conn. Method and apparatus for destroying insect life. 2,339,733; Jan. 18.
Smith, Franklin S., Bethany, Conn. Apparatus for sterilizing flour and the like. 2,339,734; Jan. 18.
Smith, Franklin S., Bethany, Conn. Apparatus for the treatment of flour and the like. 2,339,735; Jan. 18.
Smith, Franklin S., North Haven, Conn. Apparatus for sterilising flour and like products. 2,339,736; Jan. 18.
Smith, G. Tucker. (See Hill, Edward G., assignor.)
Smith, G. Tucker, et al. (See Hill, Edward G., assignor.)
Smith, G. Tucker, et al. (See Ingres, J. G., and Hey, assignors.)
Smith, G. Tucker, et al., trustees. (See Ingres, Jeannot G., assignor.)
Smith, George A., assignor to Sperry-Sun Well Surveying Company, Philadelphia, Pa. Borehole logging apparatus. 2,350,371; June 6.
Smith, George E., et al. (See Newell, Harold V., assignor.)
Smith, George H., Buffalo, N. Y., assignor to The Linde Air Products Company. Method and apparatus for cutting ferrous metal bar stock. 2,345,688; Apr. 4.
Smith, George L., Rock Island, Ill. Packing box. 2,358,943; Sept. 26.
Smith, George S., Uravan, Colo., assignor to United States Vanadium Corporation. Recovery of molybdenum and tungsten from ores. 2,339,888; Jan. 25.
Smith, George T., assignor to G. T. Smith and E. G. Hill, Richmond, Va. Airplane pickup mechanism. 2,341,337; Feb. 8.
Smith, George T. assignor to Automatic Shifters, Inc., Richmond, Va. Power steering mechanism. 2,356,492; Aug. 22.
Smith, George W., Pittsburgh, Pa. Treating water for steam boilers. 2,360,730; Oct. 17.
Smith, Gerald G. (See Schmidt, F. M., and Smith.)
Smith, Glenn R., Los Angeles, assignor of one-half to N. R. Smith, Santa Barbara, Calif. Combination footrest and chair. 2,353,418; July 11.
Smith, Graydon, Concord, assignor to Reed-Prentice Corporation, Worcester, Mass. Preparing moldable material. 2,339,607; Jan. 18.
Smith, Graydon, Concord, assignor to National Company, Inc., Malden, Mass. Indicating device. 2,361,572; Oct. 31.
Smith, Graydon, Concord, assignor to Electricooker, Inc., Newburyport, Mass. Dispensing apparatus. 2,363,155; Nov. 21.
Smith, Graydon, Cambridge, assignor to Reed-Prentice Corporation, Worcester, Mass. Automatic temperature control for injection molding machines. 2,350,539; June 6.
Smith, Hannah M. (See Keen, T. A., and (Kilburg, assignor).)
Smith, Harry, San Francisco, Calif. Container for asphalt, tar, and like products. 2,352,865; July 4.
Smith, Harry T., Elkhorn, Wis. Power-operated rotary hoe. 2,361,798; Oct. 31.
Smith, Harry T., Flint, Mich. Sliding door structure. 2,361,882; Oct. 31.
Smith, Hartley P., U. S. Army, Long Beach, Calif., and H. R. Booth, Arlington, Va. Gun sling. 2,357,363; Sept. 5.
Smith, Harvey J., assignor to W. I. Barker, Danville, Va. Combined display rack, oil saver, and waste can receptacle. 2,343,248; Mar. 7.
Smith, Harvey N., Washington, D. C. Ice creeper. 2,361,972; Nov. 7.
Smith, Heath. (See Gilson, Seth J., assignor.)
Smith, Henry C., Jr., Los Angeles, Calif. Forming method and apparatus. 2,344,743; Mar. 21.
Smith, Henry J., Philadelphia, Pa. Infant exerciser. 2,355,569; Aug. 8.
Smith, Henry M., Schenectady, N. Y., assignor to General Electric Company. Signal-generating apparatus. Re. 22,450; Feb. 29.
Smith, Henry V., St. Paul, Minn. Floor scrubbing machine. 2,348,268; May 9.
Smith, Herbert N. and E. E., London, England. Production of knitting by mechanical means. 2,353,197; July 11.
Smith, Herman A. (See Stafford, S. B., and Smith.)
Smith, Herman A., Holden, assignor to Rice Barton Corporation, Worcester, Mass. Textile printing apparatus. 2,358,112; Sept. 12.
Smith, Herschel G., Wallingford, and T. L. Cantrell, Lansdowne, assignors to Gulf Oil Corporation, Pittsburgh, Pa. Mineral oil lubricating composition and an improvement agent therefor and its preparation. 2,342,431; Feb. 22.
Smith, Herschel G., Wallingford, and T. L. Cantrell, Lansdowne, assignors to Gulf Oil Corporation, Pittsburgh, Pa. Mineral oil lubricating composition and an improvement agent therefor and its preparation. 2,342,432; Feb. 22.
Smith, Herschel G., Wallingford, and T. L. Cantrell, Lansdowne, assignors to Gulf Oil Corporation, Pittsburgh, Pa. Mineral oil lubricating composition, and an improvement agent therefor, and its preparation. 2,342,433; Feb. 22.
Smith, Herschel G., Wallingford, assignor to Gulf Oil Corporation, Pittsburgh, Pa. Manufacture of neutral organic sulphur compounds. 2,360,904; Oct. 24.
Smith, Herschel G., Wallingford, T. L. Cantrell, Lansdowne, Pa., and J. G. Peters, Audubon, N. J., assignors to Gulf Oil Corporation, Pittsburgh, Pa. Manufacture of sulpho-halogenated aliphatic monoesters. 2,360,905; Oct. 24.
Smith, Hiram P. (See Mott, C. W., and Smith.)
Smith, Hiram P., Canton, Ill., assignor to International Harvester Company. Tractor-mounted implement. 2,341,824; Feb. 15.
Smith, Hiram P., Canton, Ill., assignor to International Harvester Company. Tractor implement attachment. 2,358,539; Sept. 19.
Smith, Hiram P., Canton, Ill., assignor to International Harvester Company. Braking system. 2,358,540; Sept. 19.
Smith, Hiram P., Canton, Ill., assignor to International Harvester Company. Agricultural implement. 2,362,728; Nov. 14.
Smith, Homer F., Chicago, Ill., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe sewing machine. 2,359,945; Oct. 10.
Smith, Horace L., Jr., and W. E. Conley, Jr., Richmond, Va., assignors, by mesne assignments, to Chain Belt Company, Milwaukee, Wis. Apparatus for treating canned material. 2,348,440; May 9.
Smith, Howard B., Washington, D. C. Typewriting machine. 2,357,142; Aug. 29.
Smith, Howard H., Washington, D. C., assignor to Automatic Electric Laboratories, Inc. Rheostat. 2,343,425; Mar. 7.
Smith, Howard, Paper Mills Limited. (See Brawn, Herbert A., assignor.)
Smith, Irving N., Granville, Ohio, assignor to Owens-Corning Fiberglas Corporation. Air filtering material. 2,353,936; July 18.
Smith, Irving N., Granville, Ohio, assignor to Owens-Corning Fiberglas Corporation. Air filtering material. 2,353,937; July 18.
Smith, J. Ernest, Brooklyn, N. Y., assignor to Radio Corporation of America. Radio relay control system. 2,345,951; Apr. 4.
Smith, J. Ernest, Jackson Heights, N. Y., assignor to Radio Corporation of America. Two-way telephone and telegraph system. 2,352,918; July 4.
Smith, Jacob A., assignor of one-half to C. A. Benjamin, Chicago, Ill. Punch mounting. 2,362,032; Nov. 7.
Smith, Jacob P., assignor to Old King Cole Incorporated, Canton, Ohio. Counter fixture. 2,348,577; May 9.
Smith, James M., U. S. Navy. Magnetic compass repeater. 2,361,973; Nov. 7.
Smith, James N., Montreal, Quebec, Canada, assignor of one-fourth to J. A. Rietmann, Norwalk, Conn., and one-fourth to G. F. Händel, New York, N. Y. Electrolytic cell. 2,361,974; Nov. 7.
Smith, James T., and A. L. Reiter, assignors to Mills Novelty Company, Chicago, Ill. Maintaining overrun in ice cream and like products. 2,338,362; Jan. 4.
Smith, Jesse A. B., Stamford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,341,481; Feb. 8.
Smith, Jesse H., Springfield, Mass. Valve for floor waxers. 2,354,619; July 25.
Smith, John A. (See Gossling, C. E., and Smith, assignors.)
Smith, John J., Williamson, W. Va. Lamp. 2,365,150; Dec. 19.
Smith, John R., assignor to Harrington & Richardson Arms Company, Worcester, Mass. Quick release magazine catch. 2,338,740; Jan. 11.
Smith, John R., assignor to Harrington & Richardson Arms Company, Worcester, Mass. Flare gun. 2,356,709; Aug. 22.
Smith, John R., Jr., Haddonfield, N. J., and F. De la Rosa, assignors to A. Smith & Son, Incorporated, Philadelphia, Pa. Stretcher. 2,350,573; June 6.
Smith, John W., Carthage, N. Y. Bearing for paper drier cylinders. 2,345,508; Mar. 28.
Smith, John W., Philadelphia, Pa. Fuel injection turbine. 2,354,620; July 25.
Smith, John W., assignor to Collins Radio Company, Cedar Rapids, Iowa. Electric temperature indicator. 2,359,334; Oct. 3.
Smith-Johnson Corporation. (See Smith, Neil V., assignor.)
Smith, Jorgen A. (See Morland, P., and Smith.)
Smith, Joseph E. (See Collins, L., Slowinske, and Smith.)

Smith, Joseph E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Treatment of textiles and composition useful therefor. 2,343,089; Feb. 29.
Smith, Joseph E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Treatment of textiles and composition useful therefor. 2,343,090; Feb. 29.
Smith, Joseph E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Treatment of textiles and composition useful therefor. 2,343,091; Feb. 29.
Smith, Joseph E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Treatment of textiles and composition useful therefor. 2,343,092; Feb. 29.
Smith, Joseph E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Treatment of textiles and composition useful therefor. 2,343,093; Feb. 29.
Smith, Joseph E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Treatment of textiles and composition useful therefor. 2,343,094; Feb. 29.
Smith, Joseph E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Resin dispersion useful in the textile and paper industries. 2,343,095; Feb. 29.
Smith, Joseph L., Chicago, Ill. Conductor identifier. 2,360,170; Oct. 10.
Smith, Joseph W., Cambridge, Ohio. Eye testing device. 2,364,827; Dec. 12.
Smith, Kenneth D., White Plains, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric wave circuit. 2,339,198; Jan. 11.
Smith, Kimball D., and R. Mayne, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Track for vehicles. 2,350,076; May 30.
Smith, L. C., & Corona Typewriters, Inc. (See Avery, H. A., and Walker, assignors.)
Smith, L. C., & Corona Typewriters, Inc. (See Bradt, Charles H., assignor.)
Smith, L. C., & Corona Typewriters, Inc. (See Flanigan, John J., assignor.)
Smith, L. C., & Corona Typewriters, Inc. (See Walker, Charles, assignor.)
Smith, Lawson A., assignor to R. H. Clark, Los Angeles, Calif. Drilling and countersinking tool. 2,358,541; Sept. 19.
Smith, Lee L., assignor to Regents of the University of Minnesota, Minneapolis, Minn. Treating phenols. 2,351,715; June 20.
Smith, Lee L., and J. A. Sprung, assignors to Regents of the University of Minnesota, Minneapolis, Minn. Making 6,10,14-trimethyl-pentadecanone-2. 2,363,092; Nov. 21.
Smith, Leonard A., Nutley, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Facsimile telegraph system. 2,363,270; Nov. 21.
Smith, Leonard C., New York, N. Y. Beverage dispensing apparatus. 2,362,104; Nov. 7.
Smith, Levi R., and R. H. Yoeckel, Waukesha, Wis. Flow regulating and liquid distributing filter system. 2,363,754; Nov. 28.
Smith, Lewis E., Congress Park, Ill., assignor to International Harvester Company. Conveyer construction. 2,361,131; Oct. 24.
Smith, Lewis H., Cleveland, assignor to H. H. Pinney, Shaker Heights, Ohio. Siphon. 2,347,004; Apr. 18.
Smith, Lewis H., Cleveland, Ohio, and L. B. Williamson, Brooklyn, N. Y., assignors to H. H. Pinney, Shaker Heights, Ohio. Inlet for syphons. 2,349,010; May 16.
Smith, Lucile. (See Flessner, Bertha C., assignor.)
Smith, Lymus M. (See Smith, Clement J., assignor.)
Smith, Marian R. (See Smith, Sidney and M. R.)
Smith, Mary G., et al., executrices. (See Smith, Robert A.)
Smith Meter Company. (See Dand, W. R., and Steen, assignors.)
Smith Meter Company. (See Steen, William E., assignor.)
Smith, Michael C. (See Erisman, A. C., and Smith.)
Smith & Mills Company, The. (See Mills, D. E., Drake, and Laubach, assignors.)
Smith, Milton A., assignor to Chicago Carton Company, Chicago, Ill. Carton. 2,341,397; Feb. 8.
Smith, Milton A., Cicero, assignor to Chicago Carton Company, Chicago, Ill. Hollow walled carton. 2,345,716; Apr. 4.
Smith, Milton S., Maplewood, N. J., assignor to Buensod-Stacey, Incorporated. Nonfreezing radiator. 2,365,497; Dec. 19.
Smith, S. Morgan, Company. (See Smith, B. B., and Hiker, assignors.)
Smith, Neil V., Los Angeles, Calif., assignor, by mesne assignments, to Sensacon Service Company, Cleveland, Ohio. Valve mechanism. 2,345,837; Apr. 4.
Smith, Neil V., Los Angeles, Calif., assignor, by mesne assignments, to Sensacon Service Company, Cleveland, Ohio. Hydraulic movement-controlling device. 2,354,889; Aug. 1.
Smith, Neil V., assignor to Smith-Johnson Corporation, Los Angeles, Los Angeles, Calif. Lubricant handling device. 2,357,029; Aug. 29.
Smith, Neil V., assignor to Smith-Johnson Corporation, Los Angeles, Calif. Lubricant pumping apparatus. 2,357,030; Aug. 29.
Smith, Nellie R. (See Smith, Glenn R., assignor.)
Smith, Nelson J., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,357,362; Sept. 5.
Smith, Nelson J., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,362,729; Nov. 14.
Smith, Nevin B., Hamburg, assignor to Landis Machine Company, Waynesboro, Pa. Automatic metal working machine. 2,340,906; Oct. 24.
Smith, Newland F., Jr., Wyndmoor, assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Electric discharge circuit. 2,341,396; Feb. 8.
Smith, Nowery J. (See Welch, Robert E., assignor.)
Smith, Nowery J., Supply Company. (See Welch, Robert E.)
Smith, O. Stanley. (See Allen, Horace D., assignor.)
Smith, Orla J., Cleveland, Ohio, assignor to Air Reduction Company, Incorporated, New York, N. Y. Exhaling valve. 2,350,008; Sept. 26.
Smith, Otho S. F. (See Smith, C. D. and O. S. F.)
Smith, Paul J., Ferndale, Mich. Multiple chuck. 2,346,053; Apr. 4.
Smith, Paul S., Rockford, Ill., assignor, by mesne assignments, to E. B. Allen, Birmingham, Mich. Strip-feeding mechanism. 2,352,131; June 20.
Smith, Peter P., Teaneck, N. J. Display box. 2,341,955; Feb. 15.
Smith, Prevost F., Manchester, assignor to Pioneer Parachute Company, Inc. Borough of Manchester, Conn. Parachute. 2,356,493; Aug. 22.
Smith, Ralph R., Lakewood, Ohio, assignor to National Carbon Company, Inc. Garment bag. 2,365,303; Dec. 19.
Smith, Ray F., assignor to Ideal Manufacturing Co., Des Moines, Iowa. Ball-and-socket trailer hitch. 2,363,755; Nov. 28.
Smith, Richard E., Cleveland Heights, Ohio, assignor to General Electric Company. Filament connection for electric lamps. 2,351,299; June 13.
Smith, Richard E., assignor to Sutherland Paper Company, Kalamazoo, Mich. Box or container. 2,361,659; Oct. 31.
Smith, Richard G., Amsterdam, N. Y. Load catapulting toy railway car. 2,356,280; Aug. 22.
Smith, Richard G., Amsterdam, N. Y. Discharge and pickup apparatus for traveling toy railway cars. 2,356,895; Aug. 29.
Smith, Robert A., Mahwah, N. J. Device for steering automotive vehicles. 2,347,135; Apr. 18.
Smith, Robert A., deceased, Mahwah, N. J.; M. G. Smith, M. S. Pryde, and M. S. van Brederode, executrices of said R. A. Smith, assignor to L. W. Chubb, Jr., Sharon, Mass., as trustee. Adjustable strap. 2,361,506; Oct. 31.
Smith, Robert C., New Haven, Conn. Adjustable gauge. 2,357,143; Aug. 29.
Smith, Robert F., assignor to L. A. Young Company, Grand Rapids, Mich. Manufacturing playing balls. 2,343,160; Feb. 29.
Smith, Robert K. (See Hanson, F. E., Smith, and Sulzer.)
Smith, Robert K., assignor to Corning Glass Works, Corning, N. Y. Zircon refractory and making it. 2,338,209; Jan. 4.
Smith, Robert L., Little Falls, N. J. Posting and check register. 2,349,384; May 23.
Smith, Robert L., assignor to The Carborundum Company, Niagara Falls, N. Y. Coating composition and making. 2,351,716; June 20.
Smith, Robert P., assignor to The Hoosier Crown Corporation, Crawfordsville, Ind. Crown bottle cap. 2,356,012; Aug. 15.
Smith, Robert W., Flint, assignor to General Motors Corporation, Detroit, Mich. Making spark plugs. 2,360,287; Oct. 10.
Smith, Rogers M., Ashland Terrace, N. J., assignor to Radio Corporation of America. Frequency control for ultra high frequency devices. 2,349,011; May 16.
Smith, Roland L., Belmont, Mass. Film cleaner. 2,351,371; June 13.
Smith, Rolland D., Niles, Mich., and H. F. Gardner, assignors to Stein, Hall Manufacturing Company, Chicago, Ill. Tub size for paper. 2,348,685; May 9.
Smith, Roscoe B. (See Stuart, J., II, Jappe, and Smith.)
Smith, Roscoe H., and L. E. Miller, Cleveland, Ohio, and L. M. Dunning, Boston, Mass., assignors to The Reliance Electric and Engineering Company. Electrical control circuit. 2,343,335; Mar. 7.
Smith, Roy A., Norwood, Mass. Cement applicator. 2,342,762; Feb. 29.
Smith, Roy D., Mertzon, Tex., assignor to Bee-Line Company, Scott County, Iowa. Bending apparatus. 2,348,697; May 9.
Smith, Roy D., Bettendorf, Iowa, assignor to Bee-Line Company, Scott County, Iowa. Balance testing mechanism. 2,350,077; May 30.
Smith, Roy D., Bettendorf, assignor to Bee Line Manufacturing Company, Scott County, Iowa. Automotive tool. 2,360,171; Oct. 10.
Smith, Roy E. (See Moffett, E. W., and Smith.)
Smith, Roy E., Milwaukee, Wis., assignor to Pittsburgh Plate Glass Company, Allegheney County, Pa. Preparation of powders from plastic materials. 2,356,896; Aug. 29.
Smith, Roy M., Fairfield, and J. R. Steegstra, assignors to The Bryant Electric Company, Bridgeport, Conn. Fluorescent lamp starter. 2,355,476; Aug. 8.

Smith, S. Morgan, Company. (See Mayo, Howard A., assignor.)
Smith, S. Morgan, Company. (See Putnam, Palmer C., assignor.)
Smith, S. Morgan, Company. (See Sahle, Rolfe, assignor.)
Smith, S., & Sons (Motor Accessories) Limited. (See Klepp, Edwin C., assignor.)
Smith, S., & Sons (Motor Accessories) Limited. (See Meredith, Frederick W., assignor.)
Smith, S., & Sons (Motor Accessories) Limited. (See Russell, V. J. S., and Moss, assignors.)
Smith, S., & Sons (Motor Accessories) Limited. (See Walton, Sydney A., assignor.)
Smith, Sidney R., Jr. (See Bennett, E. S., and Smith.)
Smith, Sidney R., Jr., Pittsfield, Mass., assignor to General Electric Company. Reclosing circuit-interrupting device. 2,348,029; May 2.
Smith, Sidney R., Jr., Pittsfield, Mass., assignor to General Electric Company. Electric circuit breaker. 2,357,853; Sept. 12.
Smith, Skardon T., Detroit, Mich. Multiple disk shaft lock. 2,347,292; Apr. 25.
Smith, Skardon T., Detroit, Mich. Single bar shaft lock. 2,347,293; Apr. 25.
Smith, Skardon T., Detroit, Mich. Multiple disk shaft coupling. 2,347,294; Apr. 25.
Smith, Skardon T., Detroit, Mich. Single bar shaft coupling. 2,347,295; Apr. 25.
Smith, Skardon T., Detroit, Mich. Single disk shaft lock. 2,359,009; Sept. 26.
Smith, Skardon T., Detroit, Mich. Multiple bar shaft lock. 2,359,010; Sept. 26.
Smith, Skardon T., Detroit, Mich. Automatic power release clutch. 2,359,011; Sept. 26.
Smith, Stuyvesant C., assignor to Bendix Aviation Corporation, South Bend, Ind. Carburetor. 2,361,132; Oct. 24.
Smith, Sydney S., Scarsdale, N. Y., assignor to Shell Development Company, San Francisco, Calif. Pipe line control system. 2,339,957; Jan. 25.
Smith, Sydney and M. R., Trenton, N. J. Separable roller bearing. 2,360,078; Oct. 10.
Smith, T. L. Company, The. (See Maxon, Glenway, Jr., assignor.)
Smith, T. L., Company, The. (See Peters, Harry C., assignor.)
Smith, Thomas O., assignor to Odessa Chemical and Equipment Company, Odessa, Tex. Sweetening sour gas and preventing corrosion of oil producing wells. 2,357,559; Sept. 5.
Smith, Thomas R. (See Calvin, F. O., Wilson, and Smith.)
Smith, Thomas R., assignor to The Maytag Company, Newton, Iowa. Timing mechanism for washing machines. 2,344,651; Mar. 21.
Smith, Thomas R., assignor to The Maytag Company, Newton, Iowa. Support and mounting for washing machine tubs. 2,351,237; June 13.
Smith, Thomas R., assignor to The Maytag Company, Newton, Iowa. Wedge-ring seal. 2,360,731; Oct. 17.
Smith, Thomas R., assignor to The Maytag Company, Newton, Iowa. Hydraulic coupling. 2,360,732; Oct. 17.
Smith, Thomas R., assignor to The Maytag Company, Newton, Iowa. Faucet construction. 2,360,733; Oct. 17.
Smith, Thomas R., assignor to The Maytag Company, Newton, Iowa. Compressible sealing ring. 2,360,734; Oct. 17.
Smith, Thomas R., assignor to The Maytag Company, Newton, Iowa. Laminated sealing ring. 2,360,735; Oct. 17.
Smith, Thomas R., assignor to The Maytag Company, Newton, Iowa. Piston and piston rod assembly. 2,361,244; Oct. 24.
Smith, Travis O., Kansas City, Mo., assignor, by mesne assignments, to D. M. Lorenz, Johnson County, Kans. Garbage holder. 2,363,699; Nov. 28.
Smith, Ulysses S., Hannibal, Mo. Tonsil seizing forceps. 2,340,093; Feb. 8.
Smith, Vernon R., Lindsay, Calif. Stuffing fruit and product. 2,351,788; June 20.
Smith, Wallace W., Chicago, Ill. Aircraft navigating device. 2,350,424; June 6.
Smith, Walter E., et al. (See Gorman, John, assignor.)
Smith, Walter H., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Regulating apparatus. 2,340,994; Feb. 8.
Smith, Warren M. (See Wasson, J. I., and Smith.)
Smith, Warren M., Elizabeth, and W. J. Sparks, Cranford, N. J., assignors to Standard Oil Development Company. Oil thickener. 2,341,395; Feb. 8.
Smith, Warren M., Baton Rouge, La., and C. J. Wilson, Westfield, N. J., assignors to Standard Oil Development Company. Antioxidant. 2,358,833; Sept. 26.
Smith Welding Equipment Corporation. (See Smith, Elmer H., assignor.)
Smith, Wendell V., Nutley, N. J., assignor to United States Rubber Company, New York, N. Y. Manufacture of gas-expanded rubber products. 2,351,555; June 13.
Smith, Wiley C., Arlington, Va., assignor to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and to his successors in office. Treating crude pine tars. 2,364,104; Dec. 5.
Smith, William, Jr., assignor to General Motors Corporation, Dayton, Ohio. Domestic appliance. 2,350,078; May 30.
Smith, William A., Akron, assignor to The Ohio Brass Company, Mansfield, Ohio. Spraying machine. 2,342,307; Feb. 22.
Smith, William A., Philadelphia, Pa. Pressure leakage gauge. 2,352,350; June 27.
Smith, William A., Hamburg, N. Y. Conversion of petroleum oils. 2,356,952; Aug. 29.
Smith, William A., Bronxville, N. Y. Safety razor blade sharpening device. 2,360,079; Oct. 10.
Smith, William A., and C. J. Miller, Jr., Barberton, assignors to The Ohio Brass Company, Mansfield, Ohio. Radio interference testing machine. 2,348,157; May 2.
Smith, William C., Springport, Ind. Tool device. 2,344,925; Mar. 21.
Smith, William E. (See Woods, R. A., and Smith.)
Smith, William E., Detroit, Mich., assignor to The Midland Steel Products Company, Cleveland, Ohio. Metallic arc welding nozzle. 2,347,646; May 2.
Smith, William E., Goodland, Kans. Antiaircraft projectile. 2,352,502; June 27.
Smith, William G., assignor of fifty per cent to W. L. Grill, Seattle, Wash. Clamp and supporting bar for drills. 2,340,572; Feb. 1.
Smith, William I., Goshen, Ind., assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Velocipede. 2,353,515; July 11.
Smith, William J., Rocky River, and A. von Haase, Lakewood, assignors to Cleveland Steel Products Corporation, Cleveland, Ohio. Oil burning apparatus. 2,354,223; July 25.
Smith, William L., Jr., Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Knitted fabric and method. 2,347,005; Apr. 18.
Smith, William L., Jr., Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Producing hosiery. 2,348,313; May 9.
Smith, William Y. (See Hilliard, R. C., and Smith.)
Smith, Zachary H., Mishawaka, Ind. Valved floor drain. 2,348,097; May 2.
Smithe, F. L., Machine Co. (See Hayes, Lynn O., assignor.)
Smithe, F. L., Machine Co. (See Novick, Abraham, assignor.)
Smithson, Eugene S., Rochester, N. Y. Machine for forming box blanks. 2,353,419; July 11.
Smolensky, Michael, Cleveland, Ohio. Valve construction. 2,356,360; Aug. 22.
Smulski, Theodore J., Gary, Ind., assignor to Productive Inventions, Inc. Windshield wiper. 2,348,502; May 9.
Smulski, Theodore J., Gary, Ind., assignor to Productive Inventions, Inc. Extensible wiper arm. 2,350,134; May 30.
Smulski, Theodore J., Gary, Ind., assignor to Productive Inventions, Inc. Windshield wiper arm. 2,357,280; Aug. 29.
Smyers, William H., Westfield, N. J., assignor to Standard Oil Development Company. Coating composition. 2,340,996; Feb. 8.
Smyser, Elmer D., Torrance, Calif. Gas lift pump. 2,344,744; Mar. 21.
Smyser, James S., Brighton, Boston, Mass., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Making abrasive articles and apparatus therefor. Re. 22,419; Jan. 11.
Smyth, Bertram J., Oberlin, Ohio. Clothes hanger. 2,345,509; Mar. 28.
Smyth, Charles N., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Electron discharge device. 2,338,306; Jan. 4.
Snadecki, William J., Newport, News, Va. Transom drive for motor boat. 2,345,689; Apr. 4.
Snader, Ira J., assignor to Ex-Cell-O Corporation, Detroit, Mich. Abrading tool. 2,349,994; May 30.
Snader, Ira J., Detroit, and H. N. Seyferth, East Detroit, assignors to Ex-Cell-O Corporation, Detroit, Mich. Feed mechanism for machine tools. 2,350,372; June 6.
Snader, Ira J., assignor to Ex-Cell-O Corporation, Detroit, Mich. Dressing mechanism for grinding wheels. 2,352,661; July 4.
Snader, Ira J., assignor to Ex-Cell-O Corporation, Detroit, Mich. Dressing mechanism for grinding wheels. 2,352,662; July 4.
Snap-On Tools Corporation. (See Daniel, William W., assignor.)
Snap-on Tools Corporation. (See Larson, K. R., and Walraven, assignors.)
Snedaker, Frank C., & Co. (See Muehlman, Paul A., assignor.)
Sneddon, George Jr., McKeesport, Pa., assignor to National Tube Company. Apparatus for blowing scale from pipes. 2,361,660; Oct. 31.
Sneed, John. (See Forbes, Joseph A., assignor.)
Sneed, John, Huntington Woods, Mich. Gear cutter. 2,348,759; May 16.
Sneed, John, Huntington Woods, assignor to William F. Dalzen, Detroit, Mich. Grinding wheel dresser. 2,350,937; June 6.
Sneed, Robert C., Piedmont, and C. S. Jordan, Glendale, assignors to Safeway Stores, Inc., Oakland, Calif. Egg grading machine. 2,347,068; Apr. 18.

Snell, Esmond E., Austin, Tex., assignor to Research Corporation, New York, N. Y. Antivitamin. 2,348,425; May 9.
Snell, Kenneth A. (See Martin, M. D., and Snell.)
Snell, Ralph H. (See Jebens, G. A., Snell, Heath, Fisher, Scott, and Mouw.)
Snelling, Walter L., assignor to Horder's, Incorporated, Chicago, Ill. Tray tier support. 2,349,385; May 23.
Snelling, Walter O., Allentown, Pa., assignor to Trojan Powder Company. Making granulated explosives. 2,346,116; Apr. 4.
Snelling, Walter O., Allentown, Pa., assignor to Trojan Powder Company. Weighing machine. 2,357,783; Sept. 5.
Snifen, Robert P. (See Bobo, Stephen N., assignor.)
Snodgrass, Benjamin W., Denver, Colo. Impact element actuating means. 2,353,321; July 11.
Snodgrass, Forrest W., Denver, Colo., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Projective loading. 2,356,281; Aug. 22.
Snoren, John T., St. Paul, Minn. Locomotive piston valve. 2,358,036; Sept. 12.
Snow, Harry A., Boulder, Colo. Ski. 2,347,441; Apr. 25.
Snow, Herbert C., Kalamazoo, assignor, by mesne assignments, to The Timken-Detroit Axle Company, Detroit, Mich. Control device for use on motor vehicles. 2,365,732; Dec. 26.
Snow, Isaac, Lawrence, assignor to Draper Corporation, Hopedale, Mass. Threading block. 2,341,848; Feb. 15.
Snow-Nabstedt Gear Corporation, The. (See Nabstedt, Arthur T., assignor.)
Snow, Robert D. (See Frey, F. E., and Snow.)
Snow, Robert D. (See Frey, F. E., Snow, and Huppke.)
Snow, Robert D., Bartlesville, Okla., assignor to Phillips Petroleum Company. Treatment of olefin-sulphur dioxide resins. 2,339,362; Jan. 18.
Snow, Virgil L., assignor to The Euclid Road Machinery Co., Euclid, Ohio. Filter and solids trap. 2,356,953; Aug. 29.
Snuggle Products, Inc. (See Stephenson, Verne L., assignor.)
Snuggest Co. (See McLean, Barnet W., assignor.)
Snyder and Black. (See Georgi, Carl, assignor.)
Snyder, Charles R., Miami Beach, Fla. Carburetor. 2,343,815; Mar. 7.
Snyder, Charlie W., Washington, D. C., assignor to Engineering and Research Corporation, Riverdale, Md. Aircraft construction. 2,362,038; Nov. 7.
Snyder, Clay M., Anniston, Ala. Oil burner. 2,351,372; June 13.
Snyder, Clifford H., Dormont, Pa. Stoker. 2,361,883; Oct. 31.
Snyder, Daniel J. (See Glnck, H., and Snyder.)
Snyder, Donald J., Chicago, Ill., assignor to General Mills, Inc. Empty carton rejector. 2,340,775; Feb. 1.
Snyder, Elmer L., Spencer, Iowa. Box holder for electrical outlets. 2,346,402; Apr. 11.
Snyder, Eugene L., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,353,183; Aug. 8.
Snyder, Franklin L., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical apparatus. 2,349,682; May 23.
Snyder, George H. S., and E. W. Fuller, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Mineral oil composition. 2,364,030; Nov. 28.
Snyder, Gerson, assignor to Snyder Mfg. Company, Philadelphia, Pa. Radio antenna. 2,344,425; Mar. 14.
Snyder, Harold H. (See Stuckert, W. P., and Snyder.)
Snyder, Henry E., Chicago, Ill. Treating expansible plastic tubes. 2,338,210; Jan. 4.
Snyder, Irvin F., assignor to C. H. McCurdy, Detroit, Mich. Coal truck body construction. 2,344,560; Mar. 21.
Snyder, J. P., et al. (See Gross, Arthur R., assignor.)
Snyder, Jacob R., and A. Towahill, assignors to Thompson Products Incorporated, Clevenand, Ohio. Quick disconnect coupling. 2,357,232; Aug. 29.
Snyder, James E., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Wrapper. 2,340,774; Feb. 1.
Snyder, James E., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Packaging. 2,342,977; Feb. 29.
Snyder, John W. (See Vogel, M. R., and Snyder.)
Snyder, Linus S., Manteca, Calif. Starter circuit for motor vehicles. 2,344,568; Mar. 21.
Snyder Mfg. Company. (See Snyder, Gerson, assignor.)
Snyder, Orval H. (See Harman, L. F., and Snyder.)
Snyder, Richard L., Jr., Glassboro, N. J., assignor to Radio Corporation of America. Scanning type of electron microscope. 2,348,030; May 2.
Snyder, Robert F., Lakemore, assignor to Wingfoot Corporation, Akron, Ohio. Vibration testing apparatus. 2,342,605; Feb. 22.
Snyder, Russel D., assignor to Crane Packing Company, Chicago, Ill. Fluid seal. 2,360,372; Oct. 17.
Snyder, Ruth B., Bethlehem, Pa. Night driving goggle. 2,358,602; Sept. 19.
Snyder, Sarah S. (See Snyder, William M., assignor.)
Snyder, William M., assignor to S. S. Snyder, Covington, Tenn. Crystal novelty. 2,361,423; Oct. 31.
Snyder, William M., assignor to S. S. Snyder, Covington, Tenn. Crystal novelty and paperweight. 2,361,424; Oct. 31.
Snyder, William M., assignor to S. S. Snyder, Covington, Tenn. Crystal novelty or paperweight. 2,361,425; Oct. 31.
Snyder, Willis J., assignor to Defiance Machine Works, Inc., Defiance, Ohio. Hydraulic press control. 2,346,141; Apr. 11.
Sobel, Murray J., Detroit, Mich. Spark plug. 2,361,975; Nov. 7.
Sochaczewski, Stanislaw, assignor of one-half to I. D. Smeaton, London, England. Device for use in musketry and like training. 2,353,516; July 11.
Société Anonyme Adolph Saurer. (See Bolli, B., and Bek, assignors.)
Societe Anonyme pour l'Industrie de l'Aluminum. (See von Zeerleder, A., and Syz, assignors.)
Societe d'Etudes et de Participations, Eau, Gaz, Electricite, Energie, S. A. (See Pateras Pescara, Raul, assignor.)
Societe D'Inventions Aeronautiques et Mecaniques S. I. A. M. (See Levy, René L., assignor.)
Societe Genevoise d'Instruments de Physique. (See Turrettini, Fernand, assignor.)
Society of Chemical Industry. (See Gyr, J., and Gunst, assignors.)
Society of Chemical Industry in Basle. (See Bonhôte, G., and Henzi, assignors.)
Society of Chemical Industry in Basle. (See Enderlin, F., and Schibler, assignors.)
Society of Chemical Industry in Basle. (See Felix, F., and Heckendorn, assignors.)
Society of Chemical Industry in Basle. (See Felix, F., and von Capeller, assignors.)
Society of Chemical Industry in Basle. (See Graenacher, C., and Frei, assignors.)
Society of Chemical Industry in Basle. (See Graenacher, C., and Sallmann, assignors.)
Society of Chemical Industry in Basle. (See Graenacher, C., Sallmann, and Albrecht, assignors.)
Society of Chemical Industry in Basle. (See Graenacher, C., Sallmann, Albrecht, and Frei, assignors.)
Society of Chemical Industry in Basle. (See Grossmann, Paul, assignor.)
Society of Chemical Industry in Basle. (See Kaiser, Otto, assignor.)
Society of Chemical Industry in Basle. (See Kern, W., Sutter, and Tobler, assignors.)
Society of Chemical Industry in Basle. (See Landolt, A., and Ruperti, assignors.)
Society of Chemical Industry in Basle. (See Misslin, E. E., and Thomann, assignors.)
Society of Chemical Industry in Basle, Swiss firm of. (See Moser, Eduard, assignor.)
Socke, John E., Pelham Manor, assignor to American Can Company, New York, N. Y. Handle. 2,364,105; Dec. 5.
Socoloskie, Henry J. (See Wagner, J. L., Socoloskie, and Lustusky.)
Socony-Vacuum Oil Company. (See Abrams, Armand J., assignor.)
Socony-Vacuum Oil Company. (See Abrams, A. J., and Welinsky, assignors.)
Socony-Vacuum Oil Company. (See Adams, Gale L., assignor.)
Socony-Vacuum Oil Company. (See Allred, Ernest B., assignor.)
Socony-Vacuum Oil Company. (See Badertscher, Darwin E., assignor.)
Socony-Vacuum Oil Company. (See Beard, L. C., Jr., and Bulkley, assignors.)
Socony-Vacuum Oil Company. (See Berger, H. G., and Goodloe, assignors.)
Socony-Vacuum Oil Company. (See Berger, H. G., Nygaard, and Angel, assignors.)
Socony-Vacuum Oil Company. (See Clewell, D. H., and Maeder, assignors.)
Socony-Vacuum Oil Company. (See Crowley, J. A. Jr., and Sinclair, assignors.)
Socony-Vacuum Oil Company. (See Dice, Marion E., assignor.)
Socony-Vacuum Oil Company. (See Dunham, George S., assignor.)
Socony-Vacuum Oil Company. (See Fahnestock, Frank C., assignor.)
Socony-Vacuum Oil Company. (See Frat, Fred L., assignor.)
Socony-Vacuum Oil Company. (See Francis, Alfred W., assignor.)
Socony-Vacuum Oil Company. (See Francis, A. W., and Reid, assignors.)
Socony-Vacuum Oil Company. (See Fuller, Everett W., assignor.)
Socony-Vacuum Oil Company. (See Happel, John, assignor.)
Socony-Vacuum Oil Company. (See Kalichewsky, Vladimir A., assignor.)
Socony-Vacuum Oil Company. (See Keller, Samuel G., assignor.)
Socony-Vacuum Oil Company. (See Koenig, Edgar A., assignor.)
Socony-Vacuum Oil Company. (See Lincoln, B. H., Byrkit, and Steiner, assignors.)

Socony-Vacuum Oil Company. (See Malcolm, Harold O., assignor.)
Socony-Vacuum Oil Company. (See McCarty, Malcolm D., assignor.)
Socony-Vacuum Oil Company. (See Minton, John P., assignor.)
Socony-Vacuum Oil Company. (See Moon, Charles A., assignor.)
Socony-Vacuum Oil Company. (See Nygaard, Edwin M., assignor.)
Socony-Vacuum Oil Company. (See Oberright, Edward A., assignor.)
Socony-Vacuum Oil Company. (See O'Kelly, A. A., and Goldsmith, assignors.)
Socony-Vacuum Oil Company. (See O'Kelly, A. A., and Work, assignors.)
Socony-Vacuum Oil Company. (See Otto, Ferdinand P., assignor.)
Socony-Vacuum Oil Company. (See Otto, F. P., and Reiff, assignors.)
Socony-Vacuum Oil Company. (See Pabst, A. C., and Prail, assignors.)
Socony-Vacuum Oil Company. (See Payne, John W., assignor.)
Socony-Vacuum Oil Company. (See Reiff, Orland M., assignor.)
Socony-Vacuum Oil Company. (See Reiff, O. M., and Giammaria, assignors.)
Socony-Vacuum Oil Company. (See Reiff, O. M., and Kozacik, assignors.)
Socony-Vacuum Oil Company. (See Reiff, O. M., and Zech, assignors.)
Socony-Vacuum Oil Company. (See Rill, Carroll N., assignor.)
Socony-Vacuum Oil Company. (See Sachanen, A. N., and Davis, assignors.)
Socony-Vacuum Oil Company. (See Sachanen, A. N., and Hansford, assignors.)
Socony-Vacuum Oil Company. (See Sachanen, A. N., O'Kelly, and Work, assignors.)
Socony-Vacuum Oil Company. (See Sargent, E. L., and Oberright, assignors.)
Socony-Vacuum Oil Company. (See Schaafsma, Jan G., assignor.)
Socony-Vacuum Oil Company. (See Schiller, Harold, assignor.)
Socony-Vacuum Oil Company. (See Schleaman, C. H., and McCracken, assignors.)
Socony-Vacuum Oil Company. (See Seger, F. M., and Nygaard, assignors.)
Socony-Vacuum Oil Company. (See Shapiro, Abraham, assignor.)
Socony-Vacuum Oil Company. (See Shimek, Edwin J., assignor.)
Socony-Vacuum Oil Company. (See Simpson, T. P., and Lechthaler, assignors.)
Socony-Vacuum Oil Company. (See Simpson, T. P., Payne, and Crowley, assignors.)
Socony-Vacuum Oil Company. (See Shook, E. M., and Olson, assignors.)
Socony-Vacuum Oil Company. (See Simpson, T. P., Payne, and Valas, assignors.)
Socony-Vacuum Oil Company. (See Snyder, G. H. S., and Fuller, assignors.)
Socony-Vacuum Oil Company. (See Spelshouse, W. E., and Boenau, assignors.)
Socony-Vacuum Oil Company. (See Sudholz, L. H., and Dean, assignors.)
Socony-Vacuum Oil Company. (See Traver, A. E., and Habermann, assignors.)
Socony-Vacuum Oil Company. (See Utterback, E., and Hagerbaumer, assignors.)
Socony-Vacuum Oil Company. (See Waldo, P. G., Goodloe, and Berger, assignors.)
Socony-Vacuum Oil Company. (See Welinsky, I. H., and Gorin, assignors.)
Socony-Vacuum Oil Company. (See White, C. B., and Winkler, assignors.)
Soday, Frank J., Upper Darby, Pa., assignor to The United Gas Improvement Company. Substituted styrene-polybutadiene copolymer. 2,338,741; Jan. 11.
Soday, Frank J., Upper Darby, Pa., assignor to The United Gas Improvement Company. Substituted styrene-polyisoprene copolymers. 2,338,742; Jan. 11.
Soday, Frank J., Upper Darby, Pa., assignor to The United Gas Improvement Company. Substituted styrene-polypiperylene copolymers. 2,338,743; Jan. 11.
Soday, Frank J., Upper Darby, Pa., assignor to The United Gas Improvement Company. Conducting exothermic polymerization reactions. 2,345,013; Mar. 28.
Soday, Frank J., Upper Darby, Pa., assignor to The United Gas Improvement Company. Butadiene-cyclopentadiene copolymers. 2,352,979; July 4.
Soday, Frank J., Upper Darby, Pa., assignor to The United Gas Improvement Company. Isoprene-cyclopentadiene copolymers. 2,352,980; July 4.
Soday, Frank J., Upper Darby, Pa., assignor to The United Gas Improvement Company. Piperylene-cyclopentadiene copolymers. 2,352,981; July 4.
Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvement Company. Chemical process and product. 2,350,373; June 6.
Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvement Company. Coated metal. 2,353,198; July 11.
Sodem, Edmond A. (See Pfeiffer, E. R., Sodem, and Pfeiffer.)
Soderberg, Paul W., assignor, by mesne assignments, to Wyandotte Chemicals Corporation, Wyandotte, Mich. Sodium silicate detergent composition. 2,345,776; Apr. 4.
Soderholm, James S., West Orange, N. J., and C. Breen, Mineola, N. Y., assignors to American Telephone and Telegraph Company. Testing arrangement for telegraph circuits. 2,347,518; Apr. 25.
Soderquist, Leslie E., assignor to The McNeil Machine & Engineering Company, Akron, Ohio. Vulcanizing press. 2,340,231; Jan. 25.
Soderquist, Leslie E., assignor to The McNeil Machine & Engineering Company, Akron, Ohio. Vulcanizing press. 2,358,762; Sept. 19.
Soderquist, Leslie E., assignor to The McNeil Machine & Engineering Company, Akron, Ohio. Vulcanizing press. 2,358,763; Sept. 19.
Soderquist, Leslie E., assignor to The McNeil Machine & Engineering Company, Akron, Ohio. Vulcanizing press. 2,358,764; Sept. 19.
Soderquist, Leslie E., and T. H. Williams, assignors to The McNeil Machine & Engineering Company, Akron, Ohio. Vulcanizing press and the like. 2,345,838; Apr. 4.
Soetbeer, Oscar F., Massapequa Park, N. Y. Optical surface examining apparatus. 2,363,700; Nov. 28.
Soetbeer, Oscar F., Massapequa Park, N. Y. Inspectoscope. 2,363,701; Nov. 28.
Soff, Le Roy D., Forest Hills, N. Y. Decoration or ornamentation of surfaces. 2,351,717; June 20.
Soffel, Robert O., Hastings on Hudson, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Pulse register circuit. 2,352,742; July 4.
Sohaney, John J., and J. M. Sammons, Williamson, W. Va. Waste retainer. 2,357,233; Aug. 29.
Sohl, William E., and H. N. Stephens, White Bear Lake, assignors to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Cementitious material. 2,351,641; June 20.
Sohn, Jesse S., Leetsdale, Pa., assignor to American Bridge Company. Device for electrically contacting traveling welding rods. 2,366,068; Dec. 26.
Soissa, John A., Savannah, Ga., assignor to Certain-teed Products Corporation, New York, N. Y. Method and apparatus for surfacing sheet material. 2,348,578; May 9.
Sokol, Max. (See Bertran, E. M., and Sokol.)
Sola Electric Co. (See Sola, Joseph G., assignor.)
Sola, Joseph G., Western Springs, assignor to Sola Electric Co., Chicago, Ill. Alternating current supply system. 2,346,621; Apr. 11.
Solakian, Haig, and E. N. Case, assignors to Artemas F. Holden, New Haven, Conn. Treating high-speed steel. 2,349,767; May 23.
Solanko, Nicholas, Clifton, N. J. Applying caps to the printing cylinder of fabric printing machines. 2,360,592; Oct. 17.
Solar Aircraft Company. (See Cravath, Albert B., assignor.)
Solar Laboratories. (See Campbell, George H., assignor.)
Soley, William G. (See Benner, R. C., and Soley.)
Solheim, Russell G., Sawyer, Wis. Pipe hanger press. 2,363,756; Nov. 28.
Solid Back Brush Machinery Company. (See King, Charles S., assignor.)
Solling, Samuel P., and H. B. Pownall, York, Pa., assignors to York Corporation. Refrigeration. 2,344,215; Mar. 14.
Solinski, Bruno E., and A. J. Hudec, Cicero, Ill. Ejector fork. 2,363,702; Nov. 28.
Solinski, Charles A., assignor to The Exhibit Supply Company, Chicago, Ill. Game apparatus. 2,342,018; Feb. 15.
Solinski, Charles A., assignor to The Exhibit Supply Company, Chicago, Ill. Amusement apparatus. 2,342,019; Feb. 15.
Solis, Faustino J. P., Habana, Cuba. Detachable cover for vehicles and the like. 2,348,579; May 9.
Sollid, Erik, Denver, Colo. Archery bow. 2,361,068; Oct. 24.
Solman, Robert, Manchester, England. Headwear. 2,347,442; Apr. 25.
Solmssen, Ulrich V. (See Lee, J., and Solmssen.)
Solmssen, Ulrich V., Clifton, assignor to Hoffmann-La Roche, Inc., Nutley, N. J. Manufacture of phosphoric esters of phenols. 2,345,690; Apr. 4.
Solomon, Ernest, Nutley, H. J. Passino, Jersey City, and L. C. Rubin, West Caldwell, assignors to The M. W. Kellogg Company, Jersey City, N. J. Hydrocarbon conversion. 2,364,106; Dec. 5.
Solomon, Jacob, Jamaica, N. Y. Bathing suit. 2,358,113; Sept. 12.
Solomon, Milliage L., Los Angeles, Calif. Power apparatus for aligning work. 2,365,151; Dec. 19.
Solomon, Myer. (See Young, C. J., and Solomon.)
Solomon, Nathan L. (See Kraft, G., and Solomon.)
Solvay Process Company, The. (See Bardwell, Dwight C., assignor.)

Solvay Process Company, The. (See Beckham, Leland J., assignor.)
Solvay Process Company, The. (See Beekhuis, Herman A., Jr., assignor.)
Solvay Process Company, The. (See Porter, Frank, assignor.)
Solvay Process Company, The. (See Robinson, Richard S., assignor.)
Solvay Process Company, The. (See Stowe, Vernon M., assignor.)
Solvay Sales Corporation. (See Treffer, Andrew, assignor.)
Somers, Amos N., Westboro, Mass. Optical device to reduce glare. 2,345,777; Apr. 4.
Somers, Anthony E. (See Lanchester, George H., assignor.)
Somers, Brock A., Garden City, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Isolation amplifier for self-synchronous systems. 2,356,186; Aug. 22.
Somers, Frank J., Rockville Centre, N. Y., assignor to Radio Corporation of America. Electrical circuit. 2,344,745; Mar. 21.
Somers, Frank J., Rockville Centre, N. Y., assignor to Radio Corporation of America. Electrical control circuit. 2,363,813; Nov. 28.
Somers, Richard M., assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Telegraphone. 2,364,556; Dec. 5.
Somervell, Somervell B. (See Rose, S. P. and Somervell.)
Somerville, Ian C. (See Thomas, J. J., Diehm, and Somerville.)
Somerville, Thomas W., deceased, Milliken Park, by W. Somerville, executor, Paisley, and D. M. Blackburn, Johnstone, Scotland, assignors to A. C. Wickman Limited, Tile Hill, Coventry, England. Valve mechanism. 2,340,997; Feb. 8.
Somerville, Warren A., Jackson Heights, N. Y. Portable bowling alley. 2,353,598; July 11.
Somerville, William, executor. (See Somerville, Thomas W. and W., and Blackburn.)
Somes, Howard E., Detroit, Mich., assignor to Budd Induction Heating, Inc., Philadelphia, Pa. Fault-testing articles of electrically conductive material. 2,340,150; Jan. 25.
Somes, Howard E., Detroit, Mich., assignor to Budd Induction Heating, Inc., Philadelphia, Pa. Internally hardened structure. 2,340,349; Feb. 1.
Somes, Howard E., Detroit, Mich., assignor to Budd Induction Heating, Inc., Philadelphia, Pa. Threaded pipe end. 2,340,706; Feb. 1.
Somes, Howard E., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Heating borings prior to melting. 2,343,336; Mar. 7.
Somes, Howard E., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Apparatus for melting metal. 2,343,337; Mar. 7.
Somes, Howard E., Detroit, Mich., assignor to Budd Induction Heating, Inc., Philadelphia, Pa. Power mechanism for induction heating apparatus. 2,348,032; May 2.
Somes, Howard E., Detroit, Mich., assignor to Budd Induction Heating, Inc., Philadelphia, Pa. Induction heating apparatus. 2,351,300; June 13.
Somes, Howard E., Detroit, Mich., assignor to Budd Induction Heating, Inc., Philadelphia, Pa. Making scraper blades. 2,352,028; June 20.
Somes, Howard E., Detroit, Mich., assignor to Budd Induction Heating, Inc., Philadelphia, Pa. Quenching apparatus. 2,355,184; Aug. 8.
Somes, Howard E., Detroit, Mich., assignor to Budd Induction Heating, Inc., Philadelphia, Pa. Heat-treating apparatus. 2,358,834; Sept. 26.
Somes, Howard E., Detroit, Mich., assignor to Budd Induction Heating, Inc., Philadelphia, Pa. Induction heating apparatus. 2,359,058; Sept. 26.
Somes, Howard E., Detroit, Mich., assignor to Budd Induction Heating, Inc., Philadelphia, Pa. Sequence controller mechanism. 2,359,059; Sept. 26.
Somes, Howard E., Detroit, Mich., assignor to Budd Induction Heating, Inc., Philadelphia, Pa. Work handling apparatus. 2,359,167; Sept. 26.
Somes, Howard E., Detroit, Mich., assignor to Budd Induction Heating, Inc., Philadelphia, Pa. Induction heating head. 2,359,272; Sept. 26.
Somes, Howard E., Detroit, Mich., assignor to Budd Induction Heating, Inc., Philadelphia, Pa. Apparatus for heat-treating articles. 2,359,273; Sept. 26.
Somes, Howard E., Detroit, Mich., assignor to Budd Induction Heating, Inc., Philadelphia, Pa. Heat treating apparatus. 2,361,976; Nov. 7.
Somes, Howard E., Detroit, Mich., assignor to Budd Induction Heating, Inc., Philadelphia, Pa. Heat-treating apparatus. 2,364,924; Dec. 12.
Somes, Howard E., and G. R. True, Detroit, Mich., assignors to Budd Induction Heating, Inc., Philadelphia, Pa. Flow responsive device. 2,359,168; Sept. 26.
Sommer, Fritz. (See Haffner, Felix, and Sommer.)
Sommer, Julius V. (See Sparks, W. J., Baldeschwieler, and Sommer.)
Sommerfeld, Adolf, Cowley, England. Method and apparatus for molding toy building elements. 2,351,885; June 20.
Sommerfeld, Kurt J., Uxbridge, England. Construction of roads or runways. 2,338,785; Jan. 11.
Sonderman, John B., et al. (See Larsen, H. R., and Sonderman, assignors.)
Sönke, Heins. (See Orthner, L., Sönke, and Lampert.)
Sonneborn, Henry, III. (See Faust, J., and Sonneborn.)
Sonneborn, John R., Willow Grove, and L. H. Lange, Rockledge, assignors to Stokes & Smith Company, Philadelphia, Pa. Dispensing apparatus. 2,350,836; June 6.
Sonneborn, L., Sons, Inc. (See Blumer, Manuel, assignor.)
Sonneborn, L., Sons, Inc. (See Faust, Jacob, assignor.)
Sonneborn, L., Sons, Inc. (See Faust, J., and Sonneborn, assignors.)
Sonneborn, L., Sons, Inc. (See Goldstein, H., and Liberthson, assignors.)
Sonneborn, L., Sons, Inc. (See Liberthson, Leo., assignor.)
Sonnemann, William K., Roselle Park, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Single-ground-fault-detecting relay. 2,354,152; July 18.
Sonnenberg, Alexander H., East Elmhurst, assignor of one-half to W. J. Norris, Corona, N. Y. Diaper. 2,358,778; Sept. 26.
Sonnenberg, Rudolph, assignor to Mid-West Bottle Cap Co., Belvidere, Ill. Bottle cap applying device. 2,349,523; May 23.
Sonnenberg, Rudolph, assignor to Mid-West Bottle Cap Co., Belvidere, Ill. Bottle capper. 2,349,524; May 23.
Sonnenberg, Rudolph, assignor to Mid-West Bottle Cap Co., Belvidere, Ill. Bottle cap and making the same. 2,361,507; Oct. 31.
Sonnichsen, Harold M., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Plastic composition. 2,351,301; June 13.
Sonnino, Carlo, and A. Bessetti, Milan, Italy; vested in the Alien Property Custodian. Electrolytic production of opaque layers, similar to enamel, on aluminum and its alloys. 2,356,543; Aug. 22.
Sonntag, Bernhard, Dallas, Tex. Kitchen air cleaner and purifier. 2,341,245; Feb. 8.
Sonntag, Hermann, Whittier, assignor to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Hoisting sling. 2,364,170; Dec. 5.
Sonoco Products Company. (See Campbell, Charles H., assignor.)
Sonoco Products Company. (See Whiting, William S., Jr., assignor.)
Sonotone Corporation. (See Baum, Jasper, assignor.)
Sonotone Corporation. (See Carlisle, Richard W., assignor.)
Sonotone Corporation. (See Carlisle, R. W., and Mastropole, assignors.)
Sonotone Corporation. (See Koren, Heiman W., assignor.)
Sooy, Walter E., and R. W. von Sydow, Middletown, Ohio, assignors, by mesne assignments, to Continental Can Company, Inc., New York, N. Y. Container manufacture. 2,349,312; May 23.
Sophier, Max, Chicago, Ill. Money pouch. 2,359,012; Sept. 26.
Soref, Harry E. (See Foote, D. J., and Soref.)
Sorensen, Andrew, Windsor, assignor of one-half to F. D. Giddings, Larimer County, Colo. Telescope sight mounting. 2,365,976; Dec. 26.
Sorensen, Charles E. (See Ford, H., and Sorensen.)
Sørensen, Christian, Understed, near Saeby, Denmark; vested in the Alien Property Custodian. Binding clamp to hold lines wound onto rolls. 2,338,385; Jan. 4.
Sorensen, Edward M., Cos Cob, Conn. Proportionalising control. 2,347,714; May 2.
Sorensen, Kresten T., Media, Pa., assignor to The Baldwin Locomotive Works. Servomotor. 2,349,804; May 30.
Sorensen, Otto E., Bridgeport, Conn. Work positioning fixture. 2,345,312; Mar. 28.
Sorenson, Ben E., Upper Darby, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Interpolymers of styrene and the reaction product of maleic esters with relatively nonconjugated drying oils and preparing the same. 2,343,463; Mar. 7.
Sorkin, Morris, assignor to The Fred Goat Co., Inc., New York, N. Y. Registration control apparatus. 2,348,862; May 16.
Soroka, Walter W., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,357,612; Sept. 5.
Sosnick, Benjamin, San Francisco, Calif. Lock nut. 2,350,647; June 6.
Sossner, Abraham J., et al. (See Nachemov, Leonard, assignor.)
Sossner, Nettie, et al. (See Nachemov, Leonard, assignor.)
Sossner Steel Stamps. (See Nachemov, Leonard.)
Sossner, Theodore S., et al. (See Nachemov, Leonard, assignor.)
Souden, Alexander G. (See Ellis, W. C., and Souden.)
Souders, Mott, Jr. (See Shiras, R. N., and Souders.)
Souders, Mott, Jr., Piedmont, assignor to Shell Development Company, San Francisco, Calif. Distillation process. 2,365,912; Dec. 26.

Soule, Arthur H., assignor to Dalmo Victor Co., San Francisco, Calif. Awning type window operator. 2,352,029; June 20.
Soule, Arthur H., assignor to Dalmo Victor Co., San Francisco, Calif. Window construction of awning type. 2,362,730; Nov. 14.
Soule, George C., South Portland, Maine. Wire rope socket. 2,353,975; July 18.
Soule, George M., Medina, assignor to The W. J. Schoenberger Company, Cleveland Ohio, and one-half to F. Hunziker. Indexing chuck. 2,349,119; May 16.
Soule, Henry, Mooreton, N. Dak. Mop head. 2,348,863; May 16.
Sound, Inc. (See Shoup, Allen A., assignor.)
Soundscriber Corporation, The. (See Thompson, Lincoln, assignor.)
Soundscriber Corporation, The. (See Thompson, L., and Stone, assignors.)
Sousa, John S., Goshen, Calif. Ditch cleaner. 2,347,335; Apr. 25.
Southcott, Leonard C., Bowdon, Altrincham, England, assignor to The Superheater Company. Steam generating and superheating installation. 2,340,086; Jan. 25.
Southerland, Hetsel A., Centralia, Ill. Aviator's seat. 2,358,603; Sept. 19.
Southern Cotton Oil Company, The. (See Royce, Harvey D., assignor.)
Southern Pecan Shelling Company. (See Lotspeich, Joseph F., assignor.)
Southern States Equipment Corporation. (See Gunsow, W. A., and Curtis, assignors.)
Southern Steel Company. (See White, Loyd J., assignor.)
Southern Wood Preserving Company. (See Harvey, Jacquelin E., Jr., assignor.)
Southern Wood Preserving Company. (See Harvey, J. E., Jr., White, and Vaughan, assignors.)
Southern Wood Preserving Company. (See Vaughn, Joseph A., assignor.)
Southgate, George T., Forest Hills, N. Y. Electric system and device therefor. 2,354,711; Aug. 1.
South Shore Machine & Tool Works, Inc. (See Bauer, Arthur G., assignor.)
Southwell, Charles E., Milmont Park, Pa. Double-acting planer head. 2,352,132; June 20.
Southwell, Raymond J., Nichols, and E. A. Conner, Stratford, Conn., assignors to American Chain & Cable Company, Inc., New York, N. Y. Making cores for projectiles. 2,346,402; Apr. 11.
Southwest Welding & Mfg. Co. (See Maloon, Earl B., assignor.)
Southwestern Engineering Company. (See Kraut, Max., assignor.)
Sowa, Frank J., Cranford, N. J. Preventing tarnishing of metals. 2,339,200; Jan. 11.
Sowa, Frank J., Cranford, N. J. Coating plastic materials and the products produced. 2,341,885; Feb. 15.
Sowa, Frank J., Cranford, N. J., assignor to Kem Plastic Playing Cards, Inc., New York, N. Y. Playing card and making the same. 2,341,884; Feb. 15.
Sowash, Park K., South Arlington, Va. Fingerprinting apparatus. 2,353,420; July 11.
Sowden, Alfred, Arkansas City, Kans. Packing machine for containers and the like. 2,352,663; July 4.
Sowell, Maurice J., Clovis, N. Mex. Combination density cone and drop bucket. 2,353,792; July 18.
Spackman, Thomas F. (See Le Fevre, A. W., and Spackman.)
Spaeth, Charles, Mamaroneck, N. Y. Producing high frequency oscillations in illuminating electronic discharge lamp devices. 2,349,012; May 16.
Spaeth, Irvin J., assignor to Chicago Railway Equipment Company, Chicago, Ill. Brake beam mounting. 2,359,394; Oct. 3.
Spafford, Claude L., assignor to Sherbrooke Machineries Limited, Sherbrooke, Quebec, Canada. Diaphragm screen. 2,345,364; Mar. 28.
Spafford, Ralph W assignor to The Londen Machinery Company, Fairfield, Iowa. Monorail control system. 2,349,120; May 16.
Spahr, William F., New Orleans, La. Machine for dressing edges of metal sheets and the like. 2,350,648; June 6.
Spain, Roy C., Michigan City, Ind., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Lock. 2,350,306; May 30.
Spaine, Edward P., and H. C. Faulkner, Bridgeport, Conn., assignors to The Singer Manufacturing Company, Elizabeth, N. J. Buttonhole sewing machine. 2,340,276; Jan. 25.
Spalding, A. G., & Bros. Inc. (See Dickson, J. B., and Milligan, assignors.)
Spalding, A. G., & Bros. Inc. (See Knobel, M., Dickson, and Baymiller, assignors.)
Spalding, Albert K., Dallas, Tex. Suspension for refractory walls. 2,348,314; May 9.
Spalding, George A., and M. A. Palmer, Flint, assignors to General Motors Corporation, Detroit, Mich. Material handling system. 2,350,425; June 6.
Spalding, John, Stratford, Conn. Lace web and making lace strips therefrom. 2,346,195; Apr. 11.
Spalding, John D., Los Angeles, Calif. Drive bushing. 2,344,746; Mar. 21.
Spalding, John D., Los Angeles, Calif., assignor to The National Supply Company, Pittsburgh, Pa. Roller bearing. 2,350,079; May 30.
Spalding, Kenneth F., Oak Park, assignor to F. Dorsey Montgomery, Chicago, Ill. Pour spout carton. 2,362,942; Nov. 14.
Spanel, Abraham N., Princeton, N. J. Floatable stretcher. 2,355,757; Aug. 15.
Spanel, Abraham N., New York, N. Y. Seamless dipped latex girdle. 2,360,736; Oct. 17.
Spanel, Abraham N., New York, N. Y. Girdle or the like. 2,365,016; Dec. 12.
Spanel, Abraham N., New York, and W. F. Dester, Dover, Del.; said Dester assignor to said Spanel. Brush cover. 2,353,517; July 11.
Spang, Ferdinand J., Butler, Pa. Drilling bit. 2,342,498; Feb. 22.
Spang, Joseph P., Quincy, assignor to Cube Steak Machine Co., Boston, Mass. Meat slitting machine. 2,360,728; Oct. 17.
Spang, Joseph P., Quincy, assignor to Cube Steak Machine Co., Boston, Mass. Meat treating machine. 2,360,729; Oct. 17.
Spangard, Laurence C., et al. (See Lunney, Henry J., assignor.)
Spangard, Sigrid G., et al. (See Lunney, Henry J., assignor.)
Spangler, Lynn K., and C. E. Schrader, Parkersburg, W. Va., assignors to American Viscose Corporation, Wilmington, Del. Sizing device for winding machines. 2,361,426; Oct. 31.
Spangler, Lynwill K., and H. C. Pratt, Parkersburg, W. Va., assignors to American Viscose Corporation, Wilmington, Del. Apparatus for handling spinning solutions. 2,362,674; Nov. 14.
Spanner, Edward F., London, England. Lifesaving apparatus. 2,344,652; Mar. 21.
Sparks, Chiles E. (See Rossander, S. S., Sparks, and Maynard.)
Sparks, Chiles E. (See Rossander. S. S., Sparks, and Maynard, Jr.)
Sparks, Chiles E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Aryloxy-alkacyl-arylenes. 2,361,327; Oct. 24.
Sparks, Chiles E., and J. F. Laucius, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyeing textile fibers. 2,363,904; Nov. 28.
Sparks, William J. (See Smith, W. M., and Sparks.)
Sparks, William J. (See Thomas, R. M., and Sparks.)
Sparks, William J., Cranford, N. J., assignor to Jasco, Incorporated. Composition of matter containing polyethylene and polyisobutylene. 2,339,958; Jan. 25.
Sparks, William J., Alexandria, Va., E. L. Baldeschwieler, Cranford, and J. V. Sommer, Elizabeth, N. J., assignors, by mesne assignments, to Jasco, Incorporated. Recovery of iso-olefin polymers. 2,343,816; Mar. 7.
Sparks, William J., Elizabeth, and R. M. Thomas, Union, N. J., assignors, by mesne assignments, to Jasco, Incorporated. Olefinic polymerization process and product. 2,356,129; Aug. 22.
Sparks, William J., Peoria, Ill., and R. M. Thomas, Union, N. J., assignors, by mesne assignments, to Jasco, Incorporated. Copolymer compositions. 2,363,703; Nov. 28.
Sparks-Withington Company, The. (See Hehn, Otto, assignor.)
Sparks-Withington Company, The. (See Patterson, William N., assignor.)
Sparling, Elliott W., assignor, by mesne assignments, to Milton Schwarzwald, Los Angeles, Calif. Stereoscopic viewer. 2,349,013; May 16.
Sparling, Elliott W., assignor, by mesne assignments, to M. Schwarzwald, Los Angeles, Calif. Stereoscopic camera. 2,361,661; Oct. 31.
Sparrow, Hubert T., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Fuel burner control system. 2,338,786; Jan. 11.
Sparrow, Hubert T., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Electromagnetic device. 2,344,178; Mar. 14.
Sparrow, Hubert T., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Latch mechanism. 2,348,426; May 9.
Sparrow, Hubert T., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Solenoid. 2,350,938; June 6.
Sparrow, Hubert T., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control apparatus. 2,355,567; Aug. 8.
Sparrow, Maxwell E. (See Schulman, Louis, assignor.)
Spase, Charles B., Nedrow, assignor to Lipe-Rollway Corporation, Syracuse, N. Y. Clutch. 2,349,996; May 30.
Spase, Charles B., Nedrow, assignor to Lipe-Rollway Corporation, Syracuse, N. Y. Clutch. 2,364,621; July 25.
Spaulding, Arch W., and J. M. Robertson, assignors to The American Rolling Mill Company, Middletown, Ohio. Culvert. 2,359,450; Oct. 3.
Spaulding, Daniel E., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Portable container. 2,362,852; Nov. 14.
Spaulding, Morril B., Habana, Cuba. Tube cleaning head. 2,366,131; Dec. 26.

Spanabarg, Harvey L., West Hartford, Conn., assignor to Veeder-Root Incorporated. Pick counter. 2,340,025; Jan. 25.

Spayd, F. M., Engineering Corporation. (See Spayd, Fred M., assignor.)

Spayd, Fred M., Van Wert, Ohio. Swinging shears. 2,362,776; Nov. 14.

Spayd, Fred M., Van Wert, assignor to F. M. Spayd Engineering Corporation, Dayton, Ohio. Tap fitting for liquid containers and barrels or keys. 2,358,666; Sept. 19.

Speakman, John B., Far Headingley, Leeds, England. Treatment of fibers or fibrous materials containing keratin. 2,351,718; June 20.

Spealman, Clair B., U. S. Navy. Chemical demineralization of sea water. 2,363,020; Nov. 21.

Spear, Walter A., assignor to Victor Electric Products, Inc., Cincinnati, Ohio. Desk and fan combination. 2,341,125; Feb. 8.

Spear, Walter A., assignor to Victor Electric Products, Inc., Cincinnati, Ohio. Electric fan. 2,363,907; Nov. 28.

Spear, Wendell C., Wapakoneta, and R. W. Esarey, Lima, Ohio, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Shaft seal. 2,359,169; Sept. 26.

Spicare's, Alden, Sons Co., The . (See Thompson, W. F., P., assignor.)

Spicare's, Alden, Sons Co., The. (See Thompson, W. F., and Callahan, assignors.)

Spiers, Frank G. W., Potters Bar, assignor of one-half to C. F. Lumb, Kingston Hill, England. Tube cleaning apparatus for boilers and the like. 2,355,570; Aug. 8.

Spiers, Frank G. W., Potters Bar, assignor of one-half to C. F. Lumb, Kingston Hill, England. Tube cleaning apparatus for boilers and the like. 2,355,571; Aug. 8.

Specht, Woldemar, Philadelphia, Pa., assignor to General Electric Company. Electrical apparatus. 2,353,518; July 11.

Specialties Development Corporation. (See Barber, F., and Spidy.)

Specialties Development Corporation. (See Grant, Harry G., Jr., assignor.)

Specialties Development Corporation. (See Grant, H. C., Jr., and Haessler, assignors.)

Specialties Development Corporation. (See Grant, H. C., Jr., and Manhartsberger, assignors.)

Specialties Development Corporation. (See Haessler, Walter M., assigner.)

Specialties Development Corporation. (See Heigis, Henry E., assignor.)

Specialties Development Corporation. (See Heigis, H. E., and Hannant, assignors.)

Specialties Development Corporation. (See Mapes, Daniel, assignor.)

Specialties Development Corporation. (See Thomsen, William A. V., assignor.)

Specialties Manufacturing Company. (See Freygang, Gustav G., assignor.)

Specialties Manufacturing Company. (See Honegger, Joan A., assignor.)

Specialty Brass Company. (See Namur, Carl A., assignor.)

Specialty Converters, Inc. (See Donovan, Frank E., assignor.)

Specialty Equipment and Machinery Corp. (See Riboud, Jacques M. J., assignor.)

Specker, Siegfried, South Gate, Calif. Tool holder. 2,347,136; Apr. 18.

Specketer, Henry W., Alta, Iowa. Trough structure. 2,365,488; Dec. 19.

Speckin, William K. (See Kolderman, J. C., and Speckin.)

Speckman, Franklin L. (See Shults, F. A., Speckman, Woolley, Mahlmeister, and Barnum.)

Spector, Morris, assignor to Spector Patents, Inc., Chicago, Ill. Match book assembling mechanism. 2,366,733; Dec. 26.

Spector Patents, Inc. (See Spector, Morris, assignor.)

Spedd, Edmund, Headington, assignor to Pressed Steel Company Limited, Cowley, Oxford, England. Mounting of window glass in vehicle wall structures. 2,356,123; Aug. 22.

Speed Products Company. (See Crosby, Stephen A., assignor.)

Speedy Gravure Corporation. (See Kott, Hermann, assignor.)

Speer, John H., Skokie, assignor to G. D. Searle & Co., Chicago, Ill. Nitrate esters of xanthine derivatives and making them. 2,351,943; June 20.

Speer, John H., Skokie, assignor to G. D. Searle & Co., Chicago, Ill. Chlorocaffeine nitrate and nitrite and making them. 2,351,944; June 20.

Speer Resistor Corporation. (See Veley, Hugh N., assignor.)

Spezet, Julius L., Washington, D. C. Device for locating celestial bodies. 2,350,374; June 6.

Spiecher, John K., Newark, N. J., assignor to Hercules Powder Company, Wilmington, Del. Coating. 2,362,166; Nov. 7.

Spieker, Albert J., Toledo, Ohio. Shielded marking. 2,343,031; Feb. 29.

Spelier, Thomas H., Williamsville, N. Y., assignor, by mesne assignments, to Wilbur Johndrew, Buffalo, N. Y. Riveting machine. 2,365,147; Dec. 12.

Spelshouse, Wallace E., Jamaica Estates, and A. H. Boenau, Long Island City, assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Asphalt saturation. 2,350,649; June 6.

Spenard, Le Roy C. (See Chase, L. H., and Spenard.)

Spence, Cecil W., Beaumont, Tex. Clamp and contact terminal. 2,359,256; Sept. 26.

Spence Engineering Company. (See Spence, Paulsen, assignor.)

Spence, Ernest I. (See Nutter, F. E., and Spence.)

Spence, Hubert L., East Cleveland, and J. L. Eier, assignors to National Malleable and Steel Castings Company, Cleveland, Ohio. Cushioning mechanism. 2,342,978; Feb. 29.

Spence, John. (See Carroll, B. H., and Spence.)

Spence, Le Roy U., Elkins Park, assignor to Röhm & Haas Company, Philadelphia, Pa. Preparation of ether amines. 2,355,337; Aug. 8.

Spence, Le Roy U., Elkins Park, and F. W. Robinson, assignors to Röhm & Haas Company, Philadelphia, Pa. Recovery of unsaturated aldehydes. 2,347,636; Apr. 25.

Spence, Paulsen, East Orange, N. J., assigner to Spence Engineering Company, Inc., Walden, N. Y. Desuperheater. 2,354,842; Aug. 1.

Spencer Aircraft Motors, Inc. (See Spencer, Louis R., assignor.)

Spencer, Audley V., Jefferson City, Mo. Apparatus for marking pavements and the like. 2,345,076; Mar. 28.

Spencer, Charles B., Pittsburgh, Pa. Acoustical device. 2,364,485; Dec. 5.

Spencer, Earl B. (See Medanwald, A. L., and Spencer.)

Spencer, Glenand, Tampa, Fla. Double extension lens scale. 2,340,434; Feb. 1.

Spencer, James A., Teaneck, N. J., assignor to Radio Corporation of America. Speed correction in telegraph circuits. 2,363,367; Nov. 21.

Spencer Lens Company. (See Aitcheson, Thomas G., assignor.)

Spencer Lens Company. (See Bailey, Stanley J., assignor.)

Spencer Lens Company. (See Bennett, Alva H., assignor.)

Spencer Lens Company. (See Estey, R. S., Peck, and Harper, assignors.)

Spencer Lens Company. (See Gottlieb, Nathan, assignor.)

Spencer Lens Company. (See Gradisar, A. A., and Guellich, assignors.)

Spencer Lens Company. (See Harper, Kennard W., assignor.)

Spencer Lens Company. (See Osterberg, H., and Harper, assignors.)

Spencer Lens Company. (See Osterberg, H., Pride and Luneburg, assignors.)

Spencer Lens Company. (See Peck, William F., assignor.)

Spencer Lens Company. (See Roeder, Erwin O., assignor.)

Spencer, Lloyd. (See Mettler, Hal C., assignor.)

Spencer, Louis R., assignor to Spencer Aircraft Motors, Inc., West Hartford, Conn. Internal-combustion engine. 2,349,203; May 16.

Spencer, Lyman E. (See Wilson, G. A., and Spencer.)

Spencer & Morris. (See Medenwald, A. L., and Spencer, assignor.)

Spencer, Percy L., West Newton, assignor to Raytheon Manufacturing Company, Newton, Mass. Arc starting device. 2,347,715; May 2.

Spencer, Percy L., West Newton, assigner to Raytheon Manufacturing Company, Newton, Mass. Arc starting electrode and forming same. 2,363,230; June 27.

Spencer, Richard, Pasadena, Calif., assignor to General Electric Company, Flatiron. 2,339,744; Jan. 18.

Spencer, Roger D. (See Ford, J. G., and Spencer.)

Spencer, Virgil, Manheim Township, Lancaster County, assignor to Armstrong Cork Company, Lancaster, Pa. Method and apparatus for manufacturing hard-surface covering. 2,364,248; Dec. 5.

Spere, Charles J. (See Kemmer, P. H., Reichert, and Spere.)

Sperlich, Herman A., Highland Park, Mich. Ironing machine. 2,349,014; May 16.

Sperry, Donald E., Whittier, and A. E. Landess, Long Beach, assignors of one-fourth to E. R. Crum, and one-fourth to J. K. Burkhart, Whittier, Calif. Fluid flow control mechanism. 2,344,747; Mar. 21.

Sperry Gyroscope Company. (See Anderson, V. G., and Muller, assignors.)

Sperry Gyroscope Company. (See Bates, Mortimer F., assignor.)

Sperry Gyroscope Company. (See Beach, Lemuel F., assignor.)

Sperry Gyroscope Company. (See Beach, L. F., Esval, and Lane, assignors.)

Sperry Gyroscope Company. (See Carter, Leslie F., assignor.)

Sperry Gyroscope Company. (See Carter, L. F., and West, assignors.)

Sperry Gyroscope Company. (See Chafee, E. W., and Myers, assignors.)

Sperry Gyroscope Company. (See Cooke, W. T., and Maeder, assignors.)

Sperry Gyroscope Company. (See Curry, Robert S., Jr., assignor.)

Sperry Gyroscope Company. (See Esval, Orland E., assignor.)

Sperry Gyroscope Company. (See Esval, O. E., and Freitag, assignors.)

Sperry Gyroscope Company. (See Esval, O. E., and Frische, assignors.)

Sperry Gyroscope Company. (See Ferrill, Thomas M., Jr.)

Sperry Gyroscope Company. (See Frische, Carl A., assignor.)

Sperry Gyroscope Company. (See Frische, C. A., and Esval, assignors.)

Sperry Gyroscope Company. (See Ginston, Edward L., assignor.)

Sperry Gyroscope Company. (See Hanson, G. N., Morgenthaler, and Roeder, assignors.)

Sperry Gyroscope Company. (See Lyman, J., and Norden, assignors.)

Sperry Gyroscope Company, Inc. (See McKelvey, William L., assignor.)

Sperry Gyroscope Company. (See Moseley, Francis L., assignor.)

Sperry Gyroscope Company. (See Roeder, Everett M., assignor.)

Sperry Gyroscope Company, Inc. (See Somers, Brock A., assignor.)

Sperry Gyroscope Company. (See Varian, Sigurd F. and R. H., assignors).

Sperry Gyroscope Company, Limited, The. (See Glenny, Arthur P., assignor.)

Sperry Gyroscope Company, Ltd., The. (See Horstmann, Bevan G., assignor.)

Sperry Gyroscope Company, Limited, The. (See Pritchard, H. C., and Barnes, assignors.)

Sperry, Helen B., executrix. (See Briskin, T. S., and Sperry.)

Sperry, Helen B., executrix. (See Sperry, Philmore F.)

Sperry, Helen B., executrix. (See Sperry, P. F., and Briskin, Philip F. and J.)

Sperry, John A., Tallmadge, assignor to The Baker-McMillen Company, Akron, Ohio. Self-sealing tank. 2,360,525; Oct. 17.

Sperry, Philmore F., Chicago, Ill; H. B. Sperry, executrix of said Sperry, deceased, assignor, by mesne assignments, to T. H., P. F., and J. Briskin. Motion picture camera. 2,347,519; Apr. 25.

Sperry, Philmore F., and P. F. and J. Briskin, Chicago, Ill.; H. B. Sperry, executrix of said Sperry, deceased, assignor, by mesne assignments, to T. H., P. F., and J. Briskin. Camera attachment. 2,347,520; Apr. 25.

Sperry, Philmore F., assignor to Excel Auto Radiator Company, Chicago, Ill. Heat exchange device. 2,349,683; May 23.

Sperry, Philmore F., deceased, Chicago, Ill.; H. B. Sperry, executrix of the estate of said Sperry, assignor to Revere Camera Company. Film actuating means. 2,351,886; June 20.

Sperry, Philmore F., Chicago, Ill., assignor to Excel Auto Radiator Company. Heat exchange device. 2,353,274; July 11.

Sperry, Philmore F., deceased, by H. B. Sperry, Chicago, Ill., executrix, assignor, by mesne assignments, to T. H., P. F., and J. Briskin. Film magazine ejecting mechanism. 2,366,153; Dec. 26.

Sperry, Philmore F. (See Briskin, T. S., and Sperry.)

Sperry Products, Inc. (See de Lanty, Loren J., assignor.)

Sperry Products, Inc. (See Haight, Norman L., assignor.)

Sperry Products, Inc. (See Shayne, A., and Zeitlin, assignors.)

Sperry, Russell L. (See Thurston, J. T., and Sperry.)

Sperry-Sun Well Surveying Company. (See Hyer, Robert S., assignor.)

Sperry-Sun Well Surveying Company. (See Kothny, Gottfank L., assignor.)

Sperry-Sun Well Surveying Company. (See Smith, George A., assignor.)

Sperti, George, Covington, Ky., assignor to The Institutum Divi Thomae Foundation, Cincinnati, Ohio. Coffee and treating the same. 2,343,228; Feb. 29.

Sperti, George S., Covington, Ky., assignor to The Institutum Divi Thomae Foundation, Cincinnati, Ohio. Enclosed arc device and controlling service at varying intensities. 2,345,623; Apr. 4.

Spersel, Peter J. and K. J. G. Leufvenius, assignors to Spersel Sanitary Seat Company, Minneapolis, Minn. Toilet seat. 2,352,133; June 20.

Spersel Sanitary Seat Company. (See Spersel, P. J., and Leufvenius, assignors.)

Speth, Lloyd G. (See Van Sittert, P., and Speth.)

Speth, Lloyd G., East Cleveland, assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Portable tool. 2,362,943; Nov. 14.

Spicacci, Attilio E., Plainville, Conn., assignor to General Motors Corporation, Detroit, Mich. Method and machine for grinding tapered rollers. 2,341,825; Feb. 15.

Spicer, Alvin W., Cuyahoga Falls, Ohio, assigner to The B. F. Goodrich Company, New York, N. Y. Apparatus for preventing accretion of ice. 2,342,979; Feb. 29.

Spicer Manufacturing Corporation. (See Hardy, John L., assignor.)

Spicer Manufacturing Corporation. (See Waldron, Thomas A., assignor.)

Spidy, Alec R. (See Barber, F., and Spidy.)

Spiegel, Edna M. (See Meyer, H., and Spiegel.)

Spiegel, William. (See Roberts, W. A., and Spiegel.)

Spielmann, Ernst, New York, N. Y. Imprinted woven fabrics. 2,348,230; May 9.

Spiers, Almira. (See Stanford, Frank A., assignor.)

Spiers, Lawrence H. (See Varney, M. D., and Spiers.)

Spies, Phillip M. (See Spies, Raymond J. and P. M.)

Spies, Raymond J. and P. M., Chicago, Ill. Recording mechanism motor control. 2,365,140; Dec. 12.

Spillane Paul X., Ashfield, near Sydney, assignor to K. Williams, Wahroonga near Sydney, P. Ring, Sydney, and T. A. Lawrie, Killara, near Sydney, New South Wales, Australia. Synthesis of hydrocarbons, alcohols, and formaldehyde. 2,349,915; May 30.

Spiller, William R., Dayton, assignor to Harris-Seybold-Potter Company, Cleveland, Ohio. Overload release. 2,362,592; Nov. 14.

Spiller, William R., and L. D. Barley, Dayton, Ohio, assignors to Harris-Seybold-Potter Company, Cleveland, Ohio. Cutting machine. 2,350,540; June 6.

Spiller, William R., and J. F. Haunty, Dayton, assignors to Harris-Seybold-Potter Company, Cleveland, Ohio. Lift device. 2,362,853; Nov. 14.

Spillman, Gordon C. (See Reichelt, L. O., and Spillman.)

Spillman, Raymond R. (See Teague, W. D., and Spillman.)

Spinelli, Peter J., Oakland, Calif. Windshield wiper blade. 2,340,435; Feb. 1.

Spinello, Matthew, Rockford, Ill. Door lock. 2,343,249; Mar. 7.

Spinner, Philip V. (See Zaslawsky, Hyman, assignor.)

Spiral Binding Company. (See Freundlich, Albert, assignor.)

Spiral Brushes, Incorporated. (See Wesemeyer, Dietrich F. O., assignor.)

Spiro, Sam, Brooklyn, N. Y. Baby shoe and lacing therefor. 2,357,980; Sept. 12.

Spiselman, Joseph W. (See Coey, S. C., and Spiselman.)

Spitzer, Hans, Klein Kwartier, Curacao, Netherlands West Indies. Rotary engine. 2,354,486; July 25.

Splaine, Edward M. (See Cossens, C. O., and Splaine.)

Splaine, Edward M., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 2,341,338; Feb. 8.

Splaine, Edward M., assignor to American Optical Company, Southbridge, Mass. Eye shield for ophthalmic mountings. 2,346,709; Apr. 18.

Splaine, Edward M., Southbridge, and W. H. Lehmberg, Dudley, assignors to American Optical Company, Southbridge, Mass. Eye protection device. 2,355,015; Aug. 1.

Spokane Stove and Furnace Repair Works, Inc. (See Rubens, Maurice M., assignor.)

Spoliansky, Alexander, New York, N. Y., assignor to Ingalls Iron Works Company. Jib type crane. 2,362,416; Nov. 7.

Sponge Rubber Products Company, The. (See Holbrook, E. A., and Hooker, assignors.)

Sponsel, Charles, Albuquerque, N. Mex. Tie support. 2,342,379; Feb. 22.

Spooner, Henry W., Short Hills, assignor to I. Rossi, West Orange, N. J. Continuous casting of metals. 2,356,013; Aug. 15.

Spooner, Reginald A. W., Walton-on-the-Thames, assignor to Woodfield Engineering Limited, London, England. Connecting device. 2,352,414; June 27.

Sport Products Inc. (See Reeder, Leo E., assignor.)

Spota, Joseph, New York, N. Y. Film developing apparatus. 2,341,666; Feb. 15.

Spotts, Daniel G. (See Furnas, W. C., and Spotts.)

Sprague, Joseph A., Honeoye Falls, assignor to The Folmer Graflex Corporation, Rochester, N. Y. Photographic synchronizer testing equipment. 2,353,896; July 18.

Sprague, Joseph A., Honeoye Falls, assignor to The Folmer Graflex Corporation, Rochester, N. Y. Sensitized material holder or carrier for photographic synchronizer testing equipment. 2,353,897; July 18.

Sprague, Joseph A., Honeoye Falls, and B. D. Chamberlin, assignors to The Folmer Graflex Corporation, Rochester, N. Y. Photoflash synchronizing device. 2,362,863; Nov. 14.

Sprague Meter Company. (See Whitworth, Fairchild, assignor.)

Sprague Products Company. (See Podolsky, Leon, assignor.)

Sprague, Robert H. (See Broker, L. G. S., and Sprague.)

Sprague, Robert M., Great Neck, N. Y., assignor to Press Wireless, Inc., Chicago, Ill. Facsimile transmission system and the like. 2,356,361; Aug. 22.

Sprague Specialties Co. (See Robinson, Preston, assignor.)

Sprake, Tyler W., assigner to Webster-Brinkley Co., Seattle, Wash. Planetary capstan. 2,363,093; Nov. 21.

Spraragen, Louis, assignor to Bridgeport Fabrics, Inc., Bridgeport, Conn. Beading strip. 2,347,158; Apr. 18.

Spraragen, Louis, assignor to Bridgeport Fabrics, Inc., Bridgeport, Conn. Beading strip. 2,347,159; Apr. 18.

Sprecher, Wayne, and C. Ware, Houston, Tex. Hydrostatic pump. 2,362,777; Nov. 14.

Spreckels, J. D. & A. B., Company. (See Thompson, J. H., and Winslow, assignors.)

Sprecker, Alfred L., Freeport, assignor to International Business Machines Corporation, New York, N. Y. Communications device. 2,348,158; May 2.
Spreng, Warren M. (See Finley, K. L., Smith, and Spreng.)
Spreng, Warren M., assignor to The F. E. Myers & Bro. Company, Ashland, Ohio. Spray gun valve. 2,347,755; May 2.
Sprenger, George W., and D. G. Cameron, Lynn, Mass., assignors to General Electric Company. Condition responsive system. 2,341,297; Feb. 8.
Sprenger, William H., assignor to Brandt Automatic Cashier Company, Watertown, Wis. Coin sorting and counting machine. 2,348,936; May 16.
Sprenkle, Raymond E., Cleveland Heights, Ohio, assignor to Bailey Meter Company. Liquid-level measuring apparatus. 2,347,637; Apr. 25.
Sprigg, Edward A., Wadsworth, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Thickness-measuring apparatus. 2,352,571; June 27.
Sprigg, Edward A., Wadsworth, and E. O. Macy, Cuyahoga Falls, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Engraver's gum. 2,358,189; Sept. 12.
Spring, L. G. S., Clutches, Incorporated. (See Starkey, William C., assignor.)
Spring, Otto. (See Isham, R. M., and Spring.)
Spring Perch Company. (See Dow, Harold T., assignor.)
Spring Perch Co. (See Tollxien, Ward C., assignor.)
Springer, Eugene J., Philadelphia, Pa. Combined bed-reading lamp and clock. 2,358,422; Sept. 19.
Springer, Kenneth F., Northport, N. Y. Headpiece for litters. 2,361,328; Oct. 24.
Springfield, Elwood C. (See McMahon, J. R., and Springfield.)
Sproul, Donald F., assignor to J. R. Cardwell, Chicago, Ill. Friction spring unit for railway trucks. 2,342,499; Feb. 22.
Sproul, Donald F., assignor to J. R. Cardwell, Chicago, Ill. Bolster spring unit. 2,352,030; June 20.
Sproule, Donald O., London, assignor of one-third to A. J. Hughes, Chigwell Row, Essex, and one-third to Henry Hughes & Son Limited, London, England. Echo sounding apparatus. 2,339,588; Jan. 18.
Sproule, Donald O., London, assignor of one-third to A. J. Hughes, Essex, England, and one-third to Henry Hughes & Son Limited, London, England. Compressional wave indicator. 2,350,080; May 30.
Sproull, Reavis C. (See Lehman, R. A., and Sproull.)
Sprouse, Ada, et al. (See Jerman, George C., assignor.)
Sprouse, V. E., Company. (See Jerman, George C., assignor.)
Sprouse, Verner E., et al. (See Jerman, George C., assignor.)
Sprouse, Verner E., Columbus, Ind. Hose clamp. 2,343,484; Mar. 7.
Sprouse, Verner E., Columbus, Ind. Blower. 2,350,939; June 6.
Sprouse, Verner E., Columbus, Ind. Muffler. 2,361,133; Oct. 24.
Sprouse, Verner E., Columbus, Ind. Tie for hose clamps. 2,363,206; Nov. 21.
Sprouse, Verner E., Columbus, Ind. Hose clamp. 2,365,017; Dec. 12.
Sprout, Waldron & Company. (See Larmon, Porter M., assignor.)
Sprung, Joseph A. (See Smith, L. I., and Sprung.)
Spur, Bernhard, Copenhagen, Denmark, assignor to Chr. Hansen's Laboratory, Inc., Little Falls, N. Y. Soft-curd milk. 2,343,713; Mar. 7.
Spurlin, Harold M., assignor to Hercules Powder Company, Wilmington, Del. Producing pentaerythritol. 2,364,925; Dec. 12.
Spurlino, Pascal, M. A. Goodbar, and M. D. Frost, assignors to The National Cash Register Company, Dayton, Ohio. Accounting machine. 2,345,839; Apr. 4.
Spurlino, Pascal, M. A. Goodbar, and M. D. Frost, assignors to The National Cash Register Company, Dayton, Ohio. Accounting machine. 2,353,938; July 18.
Spurlino, Pascal, and K. Rauch, assignor to The National Cash Register Company, Dayton, Ohio. Accounting machine. 2,361,662; Oct. 31.
Spurr, Robert, Detroit, Mich., assignor to The American Paper Bottle Company, Toledo, Ohio. Mechanism for charging containers. 2,353,519; July 11.
Square D Company. (See Angst, Walter, assignor.)
Square D Company. (See Bierenfeld, Josef, assignor.)
Square D Company. (See Bierenfeld, J., and Maechtlen, assignors.)
Square D Company. (See Jackson, John G., assignor.)
Square D Company. (See Maseng, Olav, assignor.)
Square D Company. (See Roby, Frank H., assignor.)
Square D Company. (See Schaefer, Carl A., assignor.)
Square D Company. (See Scofield, Donald W., assignor.)
Square D Company. (See Van Valkenburg, Hermon L., assignor.)
Square D Company. (See Van Valkenburg, H. L., and Bierenfeld, assignors.)
Square D Company. (See Woods, William H., assignor.)
Square Tool, Die & Mfg. Co. (See Schreiber, Albert J., assignor.)
Squibb, E. R., & Sons. (See Bogert, M. T., and Mills, assignors.)
Squibb, E. R., & Sons. (See Braker, W., and Lott, assignors.)
Squibb, E. R., & Sons. (See Braker, W., and Pribyl, assignors.)
Squibb, E. R., & Sons. (See Fernholz, Erhard, assignor.)
Squibb, E. R., & Sons. (See Gerlough, Tillman D., assignor.)
Squibb, E. R., & Sons. (See Harris, S. E., and Braker, assignors.)
Squibb, E. R., & Sons. (See Jurist, Alfred E., assignor.)
Squibb, E. R., & Sons. (See Rake, G. W., and Shaffer, assignors.)
Squibb, E. R., & Sons. (See Stavely, Homer E., assignor.)
Squibb, E. R., & Sons. (See Van Dyke, H. B., Chow, and Greep, assignors.)
Squibb, E. R., & Sons. (See Van Dyke, H. B., Greep, and Chow, assignors.)
Squiers, Starling A. (See Combs, F. M., and Squiers.)
Squires, Lombard, Westtown, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of dioxolanes. 2,350,940; June 6.
Staats, Gilson C., Chester, Pa. Link. 2,359,535; Oct. 3.
Staats, Gilson C., Chester, Pa., assignor to himself and N. D. Powell, New York, N. Y. Detachable link. 2,353,939; July 18.
Staats, Gilson C., Chester, Pa., assignor to himself and N. D. Powell, New York, N. Y. Detachable link. 2,353,940; July 18.
Stabler, Dwight W., Venice, Calif. Internal-combustion engine. 2,357,031; Aug. 29.
Stabler, Howard P., Williamstown, Mass., assignor to Toledo Scale Company, Toledo, Ohio. Weighing scale. 2,346,117; Apr. 4.
Stables (or Lamont) Mary S., et al., executors. (See Lamont, James H.)
Stacey Bros. Gas Construction Company, The. (See Brinkman, Herbert C., assignor.)
Stacey Brothers Gas Construction Company, The. (See Gruening, W. E., and Brinkman.)
Stacey, Ernest W., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine for operating upon shoe soles. 2,359,395; Oct. 3.
Stacey, Ernest W., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Rounding workpieces. 2,359,296; Oct. 3.
Stack, Alvilda L., executrix. (See Stack, James R.)
Stack, Elmer S., Arlington, Mass. Progressive water heating system. 2,352,919; July 4.
Stack, James R., deceased. Montpelier, Vt., by A. L. Stack, Pittsburgh, Pa., executrix, assignor to Nassau Smelting & Refining Company, Incorporated, New York, N. Y. electrodeposition of metal. 2,356,897; Aug. 29.
Stackpole Carbon Company. (See Shobert, Erle L., II, assignor.)
Stackpole Carbon Company. (See Williams, H. A., and Baumer, assignors.)
Stacom, Matthew J., Flushing, N. Y. Roller press. 2,344,274; Mar. 14.
Stacy, Anna R., Peoria, Ill. Brassière. 2,352,866; July 4.
Stacy, Thomas F., assignor to The French Oil Mill Machinery Company, Piqua, Ohio. Means for drawing shells. 2,341,667; Feb. 15.
Stacy, Thomas F., assignor to The French Oil Mill Machinery Company, Piqua, Ohio. Power press. 2,349,916; May 30.
Stacy, Thomas F., assignor to The French Oil Mill Machinery Co., Piqua, Ohio. Hydraulic press. 2,358,353; Sept. 19.
Stacy, Thomas F., assignor to The French Oil Mill Machinery Company, Piqua, Ohio. Material measuring and delivering mechanism. 2,361,432; Oct. 31.
Stacy, Thomas F., Piqua, Ohio, and J. E. Stewart, Detroit, Mich., assignors to The French Oil Mill Machinery Company, Piqua, Ohio. Apparatus for injection molding. 2,358,354; Sept. 19.
Stadium Manufacturing Company, The. (See Trageser, Charles F., assignor.)
Stadlin, Myer N., Philadelphia, Pa., assignor to The Baldwin Locomotive Works. Shell drawing press. 2,339,959; Jan. 25.
Stadlin, Myer N., Philadelphia, Pa., assignor to The Baldwin Locomotive Works. Briquetting press. 2,358,765; Sept. 19.
Stadum, Clarence B. (See Pearson, R. W., and Stadum.)
Staebner, William H. (See Kane, J. H., and Staebner.)
Staege, Stephen A., assignor to The Black-Clawson Company, Hamilton, Ohio. Apparatus for screening paper stock. 2,347,716; May 2.
Staege, Stephen A., assignor to The Black-Clawson Company, Hamilton, Ohio. Paper machine stock inlet. 2,347,717; May 2.
Staege, Stephen A., assignor to The Black-Clawson Company, Hamilton, Ohio. Paper machinery. 2,347,850; May 2.
Staege, Stephen A., assignor to The Black-Clawson Company, Hamilton, Ohio. Pulp screen. 2,364,171; Dec. 5.
Staehle, Henry C. (See Jelley, E. E., and Staehle.)
Staehle, Henry C., assignor to Eastman Kodak Company, Rochester, N. Y. Forming optical surfaces on plastic material. 2,339,483; Jan. 18.
Staehle, Henry C., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic bleach-out layer. 2,346,090; Apr. 4.

Staehle, Henry C., assignor to Eastman Kodak Company, Rochester, N. Y. Masking color transparencies. 2,362,593; Nov. 14.
Stafford, Frank A., Villisca, assignor of thirty-three and one-third percent to A. Spiers, Clarinda, Iowa. Self feeder. 2,357,696; Sept. 5.
Stafford, George T., Houston, Tex. Wire splicer. 2,366,132; Dec. 26.
Stafford, George T., Urbana, Ill., and F. Albach, St. Louis, Mo., assignors, by mesne assignments, to Potomac Engineering Corporation, Chicago, Ill. Physical exercising or training apparatus. 2,365,117; Dec. 12.
Stafford, Stephen B., Oxford, and H. A. Smith, Holden, assignors to Rice Barton Corporation, Worcester, Mass. Textile printing apparatus. 2,358,114; Sept. 12.
Stager, Hans, Zurich, Switzerland. Electrical insulating material and making same. 2,341,062; Feb. 8.
Stager, Raymond M., Jr. (See Anderson, J., Stager, and McAllister.)
Stagers, John W., Washington, D. C. Pipe coupling. 2,336,307; Jan. 4.
Stagnaro, Henry A. (See Delucchi, A. W., and Stagnaro.)
Stahl, Arthur W., Denver, Colo., assignor to Eisele & Company, Nashville, Tenn. Steriliser for hypodermic needles. 2,357,292; Sept. 5.
Stahl, Harold A., Lansdowne, and L. D. Jones, assignors to The Sharples Corporation, Philadelphia, Pa. Skimming apparatus. 2,348,938; May 16.
Stahl, Maurice D., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. Re. 22,445; Feb. 22.
Stahl, Oscar C., Los Angeles, Calif. Shower door. 2,348,937; May 16.
Stahl, Rodolphe, assignor to Saylor-Beall Manufacturing Co., Detroit, Mich. Line marker. 2,351,719; June 20.
Stahl, William F., Evanston, Ill. Bobbin form for windings and the like. 2,339,432; Jan. 18.
Stahl, William F., Evanston, Ill. Forming polygonal tubular bodies. 2,343,096; Feb. 29.
Stahl, William F., Evanston, Ill. Making forms for windings and the like. 2,343,389; Mar. 7.
Stahl, William F., Evanston, Ill. Forming laminated tubular bodies. 2,354,556; July 25.
Stahl, William F., Evanston, Ill. Form for windings and the like. 2,355,477; Aug. 8.
Stahl, William F., Evanston, Ill. Shield for electrical currents. 2,362,034; Nov. 7.
Stahler, George H., Shaker Heights, Ohio. Machine for working wood and other materials. 2,347,374; Apr. 25.
Stahler, George H., Shaker Heights, Ohio. Combination machine tool. 2,364,396; Dec. 5.
Stahly, Eldon E. (See Owen, J. J., and Stahly.)
Stahly, Eldon E., and K. C. Laughlin, Baton Rouge, La., assignors to Standard Oil Development Company. Promoted isomerization reactions. 2,361,508; Oct. 31.
Stahly, Grant L., Columbus, Ohio, and W. W. Carlson, Pittsburgh, Pa., assignors, by mesne assignments, to Chemical Developments Corporation, Dayton, Ohio. Ethyl ether of dextran. 2,344,179; Mar. 14.
Stahly, Grant L., Columbus, Ohio, and W. W. Carlson, Pittsburgh, Pa., assignors to Chemical Developments Corporation, Dayton, Ohio. Soluble benzyl ether of dextran. 2,344,180; Mar. 14.
Stahmann, Mark A., and K. P. Link, assignors to Wisconsin Alumni Research Foundation, Madison, Wis. Di-esters of 3,3'-methylenebis(4-hydroxycoumarin), and making them. 2,345,635; Apr. 4.
Stainbrook, Clyde E., Memphis, Tenn. Electric cooker. 2,344,373; Mar. 14.
Staines, Samuel E., Allendale, assignor to Botany Worsted Mills, Passaic, N. J. Sleeping blanket and fabric for like uses. 2,359,591; Oct. 3.
Stair, Benjamin E. (See Gruenke, A. P., and Stair.)
Stair, Carlyle B., Downers Grove, Ill. Surface treating apparatus for poles. 2,357,144; Aug. 29.
Stair, Troy E., Cleveland, Ohio. Merchandise and premium vending machine. 2,361,977; Nov. 7.
Staky, Carl E. (See Sargent, J. W., and Staky.)
Stålblad, John R. (See Olsson, J., and Stålblad.)
Stalcup, Clarence F., Pasadena, assignor of one-half to I. M. Duvall, Arcadia, Calif. Flush tank. 2,349,015; May 16.
Staley, A. E., Manufacturing Company. (See Durkee, Maurice M., assignor.)
Staley, A. E. Manufacturing Company. (See Greenfield, Robert E., assignor.)
Staley, A. E., Manufacturing Company. (See Moyer, Wendell W., assignor.)
Staley, A. E., Manufacturing Company. (See Shildneck, Paul E., assignor.)
Staley, Guy W., Robbinsdale, Minn. Cable insulation slitting tool. 2,364,397; Dec. 5.
Staley, Joseph H., Columbus, Ind. Shop engine stand revolving means. 2,340,707; Feb. 1.
Staley, Ronald W., Pittsfield, Mass., assignor to General Electric Company. Vinyl resins. 2,340,151; Jan. 25.
Staley, Ronald W., Pittsfield, Mass., assignor to General Electric Company. Vinyl resins. 2,350,199; May 30.
Stalker, Adam J., Nazirgunge, assignors to Textile Appliances Limited, Calcutta, Bengal, British India. Silver balling machine. 2,359,257; Sept. 26.
Stalker, Edward A., Bay City, Mich. Pump. 2,344,835; Mar. 21.
Stall, Orville T., St. Paul, Minn. Trailer hitch. 2,342,907; Feb. 29.
Stallard, George. (See Henderson, E. C., and Stallard.)
Stallings, Urban H. (See Boynton, A. J., and Stallings.)
Stallmann, Frederick W., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Vacuum pump. 2,361,245; Oct. 24.
Stalmann, Georg P. G., Hamburg-Harburg, Germany; vested in the Alien Property Custodian. Device for the continuous cleavage of fats, oils, and similar substances. 2,356,628; Aug. 22.
Stalnaker, Harold W. (See Greenwell, D. D., and Stalnaker.)
Stamatoff, Gelu S., Rutherford, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilization of polyvinyl alcohol. 2,356,282; Aug. 22.
Stamatoff, Gelu S., Rutherford, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Treatment of polyvinyl butyral resins. 2,358,355; Sept. 19.
Stambaugh, Paul H., assignor to Union Starch & Refining Co., Columbus, Ind. Dispensing discrete quantities of corn syrup. 2,357,270; Aug. 29.
Stambovsky, Louis, Point Pleasant, N. J., assignor to Gallowhur and Company, Inc., New York, N. Y. Topical epithelial anesthetic. 2,340,776; Feb. 1.
Stamets, William K. (See Hibbard, Robert L., assignor.)
Stampfl, Joseph G. (See Clarke, H. T., and Stampfl.)
Stamm, Alfred J., Madison, Wis., assignor to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Wood impregnation. 2,350,135; May 30.
Stamm, Alfred J., and R. M. Seborg, Madison, Wis., assignors to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Plywood. 2,354,090; July 18.
Stamm, Benjamin I. J., New York, N. Y. Oil burner. 2,343,760; May 16.
Stamm, Edward P., Portland, Oreg. Bevel method sawing. 2,344,426; Mar. 14.
Stamm, Roger W. (See Constable, J. M., and Stamm.)
Stamm, Vincil R., et al. (See Detjen, Robert L., assignor.)
Stammbach, Walter. (See Martin, H., Glatthaar, and Stammbach.)
Stampleman, Samuel C., Cohasset, assignor to Gillette Safety Razor Company, Boston, Mass. Magazine for safety razor blades. 2,363,908; Nov. 28.
Stampleman, Samuel C., Cohasset, and J. Muros, Cambridge, assignors to Gillette Safety Razor Company, Boston, Mass. Magazine for safety razor blades. 2,350,837; June 6.
Stampleman, Samuel C., Cohasset, and N. Testi, assignors to Gillette Safety Razor Company, Boston, Mass. Safety razor. 2,363,449; Nov. 21.
Stamsvik, Alfred L., Grove City, assignor to Stamsvik Manufacturing Corporation, Pittsburgh, Pa. Filteration unit. 2,345,014; Mar. 28.
Stamsvik Manufacturing Corporation. (See Stamsvik, Alfred L., assignor.)
Stamy, David R., Huntington Woods, and C. E. Fisher, assignors to The Standard Products Company, Detroit, Mich. Periscopic vision device. 2,364,670; Dec. 12.
Stamy, David R., Huntington Woods, C. E. Fisher, Detroit, and J. R. Finn, Dearborn, assignors to The Standard Products Company, Detroit, Mich. Tank hatch hood. 2,364,671; Dec. 12.
Stanchfield, Charles, assignor to A. J. Lindemann & Hoverson Company, Milwaukee, Wis. Deflector and shield for ovens. 2,350,293; May 30.
Standard Aircraft Products, Inc. (See Blair, Emile, assignor.)
Standard Alcohol Company. (See Brooks, Benjamin T., assignor.)
Standard Alcohol Company. (See Kerns, W. J., and Schneider, assignors.)
Standard Alcohol Company. (See Mottern, Henry O., assignor.)
Standard Alcohol Company. (See Ozol, R. J., and Masterson, assignors.)
Standard Bag Company. (See Prophet, Richard D., assignor.)
Standard Brands Incorporated. (See Enright, J. J., and Foote, assignors.)
Standard Brands Incorporated. (See Frey, C. N., and Miller, assignors.)
Standard Brands Incorporated. (See Gore, H. C., and Frey, assignors.)
Standard Brands Incorporated. (See Light, R. F., Kothe, and Frey, assignors.)
Standard Brands Incorporated. (See Schultz, A. S., Atkin, and Frey, assignors.)
Standard Cap and Seal Corporation. (See Brinton, C. H., and Zimmermann, assignors.)
Standard Car Truck Company. (See Leese, Charles P., assignor.)
Standard Car Truck Company. (See Webb, Edwin W., assignor.)
Standard Catalytic Company. (See Barr, Frank T., assignor.)
Standard Catalytic Company. (See Brown, Cecil L., assignor.)
Standard Catalytic Company. (See Hemmer, Lucien, assignor.)
Standard-Catalytic Company. (See Hemminger, Charles E., assignor.)

Standard Catalytic Company. (See Hillman, Charles A., assignor.)
Standard Catalytic Company. (See Kroenig, Walter, assignor.)
Standard Catalytic Company. (See Lieber, E., and Sadlon, assignors.)
Standard Catalytic Company. (See Mack, Charles, assignor.)
Standard Catalytic Company. (See Murphree, E. V., Tyson, Campbell, and Martin.)
Standard Catalytic Company. (See Peck, Edward B., assignor.)
Standard Catalytic Company. (See Redcay, Aaron K., assignor.)
Standard Catalytic Company. (See Sweetser, Sumner B., assignor.)
Standard Catalytic Company. (See Voorhies, Alexis, Jr., assignor.)
Standard Electric Time Company, The. (See Kenerson, Stanley M., assignor.)
Standard Forgings Corporation. (See Swanson, Clarence S., assignor.)
Standard-Knapp Corporation. (See Kimball, Wallace D., assignor.)
Standard-Knapp Corporation. (See Kimball, W. D., and Ardell, assignors.)
Standard-Knapp Corporation. (See Rideout, A. E., McFaull, and Wimmer, assignors.)
Standard Lime and Stone Company, The. (See Breslau, Harold R., assignor.)
Standard Lime and Stone Company, The. (See Garvin, William D., assignor.)
Standard Machinery Company. (See Bondeson, Herman A., assignor.)
Standard Machinery Company. (See Grosser, C. E., and Bondeson, assignors.)
Standard Mfg. Co. (See Batcheller, Hugh W., assignor.)
Standard Molding Corporation. (See Stigler, Robert G., assignor.)
Standard Oil Company. (See Adams, E. W., Brunstrum, and Flint, assignors.)
Standard Oil Company. (See Adams, E. W., and Flint, assignors.)
Standard Oil Company. (See Adams, E. W., and MacLaren, assignors.)
Standard Oil Company. (See Arveson, Maurice H., assignor.)
Standard Oil Company, The. (See August, Joseph, Jr., assignor.)
Standard Oil Company. (See Baillie, J. C., and See, assignors.)
Standard Oil Company. (See Becker, Sam B., assignor.)
Standard Oil Company. (See Bolt, J. A., and Hull, assignors.)
Standard Oil Company. (See Burk, Robert E., assignor.)
Standard Oil Company, The. (See Burk, R. E., and Hartig, assignors.)
Standard Oil Company, The. (See Burk, R. E., and Hughes, assignors.)
Standard Oil Company, The. (See Burk, R. E., and Kropp, assignors.)
Standard Oil Company. (See Carmody, Dora R., assignor.)
Standard Oil Company. (See Carmody, D. R., Evering, and d'Ouville, assignors.)
Standard Oil Company. (See Carpenter, Morris T., assignor.)
Standard Oil Company. (See Conn, Arthur L., assignor.)
Standard Oil Company. (See d'Ouville, E. L., and Evering, assignors.)
Standard Oil Company. (See Evering, B. L., and D'Ouville, assignors.)
Standard Oil Company. (See Fragen, Nathan, assignor.)
Standard Oil Company. (See Gaynor, J. W., and Loane assignors.)
Standard Oil Company. (See Gunness, Robert C., assignor.)
Standard Oil Company. (See Heard, L., Shankland, and Baillie, assignors.)
Standard Oil Company, The. (See Hughes, Everett C., assignor.)
Standard Oil Company. (See Hull, Carl M., assignor.)
Standard Oil Company. (See Johnson, E. A., and Voorhees, assignors.)
Standard Oil Company. (See Kay, Webster B., assignor.)
Standard Oil Company. (See Kelso, C. D., and Mixon, assignors.)
Standard Oil Company. (See Lamb, G. G., and Blunck, assignors.)
Standard Oil Company, et al. (See Layng, E. T., and Voorhees, assignors.)
Standard Oil Company. (See Loane, C. M., and Gaynor, assignors.)
Standard Oil Company. (See MacLaren, F. H., and Adams, assignors.)
Standard Oil Company. (See Marschner, Robert F., assignor.)
Standard Oil Company, The. (See McConnell, E. B., and Kropp, assignors.)
Standard Oil Company. (See Melaven, Ralph M., assignor.)
Standard Oil Company, The. (See Musselman, John M., assignor.)
Standard Oil Company, The. (See Musselman, J. M., and Laukelma, assignors.)
Standard Oil Company. (See Nyswander, Cecil W., assignor.)
Standard Oil Company. (See Nyswander, C. W., and Fragen, assignors.)
Standard Oil Company. (See Ohlinger, Leo A., assignor.)
Standard Oil Company. (See Ohlinger, L. A., and Helm, assignors.)
Standard Oil Company. (See Page, James M., Jr., assignor.)
Standard Oil Company. (See Payne, Donald E., assignor.)
Standard Oil Company. (See Plummer, William B., assignor.)
Standard Oil Company. (See Proell, Wayne A., assignor.)
Standard Oil Company. (See Proell, W. A., and Ovitz, assignors.)
Standard Oil Company, The. (See Richards, Edwin N., assignor.)
Standard Oil Company. (See Robinson, J., and Lowery, assignors.)
Standard Oil Company. (See Roesch, W. G., and Brueckmann, assignors.)
Standard Oil Company. (See Scheineman, Fred W., assignor.)
Standard Oil Company. (See Swearinger, John B., assignor.)
Standard Oil Company. (See Swenson, Reuben A., assignor.)
Standard Oil Company. (See Thiele, Ernest W., assignor.)
Standard Oil Company. (See Voorhees, Vanderveer, assignor.)
Standard Oil Company. (See Webber, E. C., and Anderson, assignors.)
Standard Oil Company. (See White, C. N., and MacLaren, assignors.)
Standard Oil Company of California. (See Campbell, William E., Jr., assignor.)
Standard Oil Company of California. (See Cardwell, William T., Jr., assignor.)
Standard Oil Company of California. (See Cope, J. Q., and Claussen, assignors.)
Standard Oil Company of California. (See Denison, G. H., Jr., and Condit, assignors.)
Standard Oil Company of California. (See Denison, G. H., Jr., and Ettling, assignors.)
Standard Oil Company of California. (See Eldredge, Kenneth R., assignor.)
Standard Oil Company of California. (See Elliott, L. P., and Brooke, assignors.)
Standard Oil Company of California. (See Etzler, D. H., and Farrington, assignors.)
Standard Oil Company of California. (See Farrington, H. B., Clayton, and Etzler, assignors.)
Standard Oil Company of California. (See Farrington, B. B., Kostalnek, and Denison, assignors.)
Standard Oil Company of California. See Gardiner, E. W., and Denison, assignors.)
Standard Oil Company of California. (See Kavanagh, F. W., Farrington, and Clayton, assignors.)
Standard Oil Company of California. (See Lyman, A. L., and Mullt, assignors.)
Standard Oil Company of California. (See Lynton, Edward D., assignor.)
Standard Oil Company of California. (See Miller, Otto N., assignor.)
Standard Oil Company of California. (See Miller, R. J., and Rutherford, assignors.)
Standard Oil Company of California. (See Neely, G. L., Farrington, and Borsoff, assignors.)
Standard Oil Company of California. (See Neely, G. L., and Kavanagh, assignors.)
Standard Oil Company of California. (See Rutherford, John T., assignor.)
Standard Oil Company of California. (See Schultz, T. H., Levine, and Weikman, assignors.)
Standard Oil Company of California. (See Shiffler, W. H., and Elliott, assignors.)
Standard Oil Company of California. (See Windle, George S., assignor.)
Standard Oil Development Company. (See Archibald, F. M., and Harris, assignors.)
Standard Oil Development Company. (See Archibald, F. M., and van Dijk, assignors.)
Standard Oil Development Company. (See Bannon, John H., assignor.)
Standard Oil Development Company. (See Bannon, Lewis A., assignor.)
Standard Oil Development Company. (See Bartlett, Jeffrey H., assignor.)
Standard Oil Development Company. (See Baskin, Charles M., assignor.)
Standard Oil Development Company. (See Bayne, Charles D., assignor.)
Standard Oil Development Company. (See Beerbower, A., and Calkins, assignors.)
Standard Oil Development Company. (See Beerbower, A., and Darley, assignors.)
Standard Oil Development Company. (See Beyerstedt, Fred J., assignor.)

Standard Oil Development Company. (See Bies, Clarence C., assignor.)
Standard Oil Development Company. (See Blair, D. W., and Boucher, assignors.)
Standard Oil Development Company. (See Blau, L. W., and Cannon, assignors.)
Standard Oil Development Company. (See Boucher, Frank G., assignor.)
Standard Oil Development Company. (See Brown, Cecil L., assignor.)
Standard Oil Development Company. (See Buckley, Stuart E., assignor.)
Standard Oil Development Company. (See Buckley, S. E., and Wrightsman, assignors.)
Standard Oil Development Company. (See Camp, Elza Q., assignor.)
Standard Oil Development Company. (See Camp, John M., assignor.)
Standard Oil Development Company. (See Campbell, D. L., and Cook, assignors.)
Standard Oil Development Company. (See Chapman, Thomas S., assignor.)
Standard Oil Development Company. (See Cohen, Charles A., assignor.)
Standard Oil Development Company. (See Cone, J. H., and Shmidl, assignors.)
Standard Oil Development Company. (See Connolly, Gerald C., assignor.)
Standard Oil Development Company. (See Converse, Lynn C., assignor.)
Standard Oil Development Company. (See Daly, William J., assignor.)
Standard Oil Development Company. (See Davis, C. R., Savelli, and Franklin, assignors.)
Standard Oil Development Company. (See Dempsey, Henry J., assignor.)
Standard Oil Development Company. (See Dismukes, Newton B., assignor.)
Standard Oil Development Company. (See Draeger, A. A., and Franklin, assignors.)
Standard Oil Development Company. (See Duncan, Gordon W., assignor.)
Standard Oil Development Company. (See Ellis, Carleton, assignor.)
Standard Oil Development Company. (See Ferguson, Robert P., assignor.)
Standard Oil Development Company. (See Filbert, Bryson M., assignor.)
Standard Oil Development Company. (See Fischer, Herbert G. M., assignor.)
Standard Oil Development Company. (See Foster, James L., assignor.)
Standard Oil Development Company. (See Fulton, S. C., and Cross, assignors.)
Standard Oil Development Company. (See Gaylor, Peter J., assignor.)
Standard Oil Development Company. (See Gerlicher, R. A., and Bannon, assignors.)
Standard Oil Development Company. (See Gohr, Edwin J., assignor.
Standard Oil Development Company. (See Goodwin, Henry S., assignor.)
Standard Oil Development Company. (See Hall, H. J., assignor.)
Standard Oil Development Company. (See Harlan, John L., assignor.)
Standard Oil Development Company. (See Heigl, J. J., and Hodell, assignors.)
Standard Oil Development Company. (See Hellman, Ernest D., assignor.)
Standard Oil Development Company. (See Hemminger, Charles E., assignor.)
Standard Oil Development Company. (See Hewlett, A. P., and Paulsen, assignors.)
Standard Oil Development Company. (See Hibshman, Henry J., assignor.)
Standard Oil Development Company. (See Holder, Clinton H., assignor.)
Standard Oil Development Company. (See Howell, Lynn G., assignor.)
Standard Oil Development Company. (See Jessen, F. W., and Battle, assignors.)
Standard Oil Development Company. (See Jones, Minor C. K., assignor.)
Standard Oil Development Company. (See Jones, M. C. K., and Brandon, assignors.)
Standard Oil Development Company. (See Kimberlin, Charles N., Jr., assignor.)
Standard Oil Development Company. (See Kohler, Henry F., assignor.)
Standard Oil Development Company. (See Krebs, Robert W., assignor.)
Standard Oil Development Company. (See Kuhl, Paul E., assignor.)
Standard Oil Development Company. (See Laughlin, Kenneth C., assignor.)
Standard Oil Development Company. (See Leverett, M. C., and Wrightsman, assignors.)
Standard Oil Development Company. (See Lewis, Warren K., assignor.)
Standard Oil Development Company. (See Lewis, W. K., and Gilliland, assignors.)
Standard Oil Development Company. (See Lieber, Eugene, assignor.)
Standard Oil Development Company. (See Lieber, E., and Cashman, assignors.)
Standard Oil Development Company. (See Lieber, E., and Hodges, assignors.)
Standard Oil Development Company. (See Lieber, E., and Rice, assignors.)
Standard Oil Development Company. (See Lieber, E., Sadlon, and Cashman, assignors.)
Standard Oil Development Company. (See Linn, Norman F., assignor.)
Standard Oil Development Company. (See Lobdell, P., and Mateer, assignors.)
Standard Oil Development Company. (See Lynch, C. S., and Bartlett, assignors.)
Standard Oil Development Company. (See Marancik, J. V., and Gohr, assignors.)
Standard Oil Development Company. (See McNab, John G., assignor.)
Standard Oil Development Company. (See McNab, J. G., and Watkins.)
Standard Oil Development Company. (See Meinert, Richard N., assignor.)
Standard Oil Development Company. (See Mikeska, Louis A., assignor.)
Standard Oil Development Company. (See Mikeska, L. A., and Arundale, assignors.)
Standard Oil Development Company. (See Mikeska, L. A., Zimmer, and Wasson, assignors.)
Standard Oil Development Company. (See Miller, P., and Lieber, assignors.)
Standard Oil Development Company. (See Moore, Thomas V., assignor.)
Standard Oil Development Company. (See Moore, T. V., and Cannon, assignors.)
Standard Oil Development Company. (See Morgan, Maurice W., assignor.)
Standard Oil Development Company. (See Morrell, Charles E., assignor.)
Standard Oil Development Company. (See Morris, Kenneth G., assignor.)
Standard Oil Development Company. (See Morway, A. J., and Zimmer, assignors.)
Standard Oil Development Company. (See Mounce, Whitman D., assignor.)
Standard Oil Development Company. (See Murphree, Eger V., assignor.)
Standard Oil Development Company. (See Murphree, E. V., Tyson, Campbell, and Martin, assignors.)
Standard Oil Development Company. (See Myers, Norval F., assignors.)
Standard Oil Development Company. (See Nelson, Joseph F., assignor.)
Standard Oil Development Company. (See O'Dell, John A., assignor.)
Standard Oil Development Company. (See Ogorzaly, Henry J., assignor.)
Standard Oil Development Company. (See Owen, J. J., and Stahly, assignors.)
Standard Oil Development Company. (See Packie, John W., assignor.)
Standard Oil Development Company. (See Packie, J. W., Long, and Cornell, assignors.)
Standard Oil Development Company. (See Patterson, John A., assignor.)
Standard Oil Development Company. (See Paulsen, Henry C., assignor.)
Standard Oil Development Company. (See Peck, Edward B., assignor.)
Standard Oil Development Company. (See Pfennig, R. F., and Davis, assignors.)
Standard Oil Development Company. (See Read, C. L., and Hewlett, assignors.)
Standard Oil Development Company. (See Reeves, Edward D., assignor.)
Standard Oil Development Company. (See Reeves, E. D., and Holt, assignors.)
Standard Oil Development Company. (See Reeves, E. D., and Kearby, assignors.)
Standard Oil Development Company. (See Rial, George A., assignor.)
Standard Oil Development Company. (See Richardson, R. W., Miller, and Winning, assignors.)
Standard Oil Development Company. (See Ricker, Norman H., assignor.)
Standard Oil Development Company. (See Ritter, John J., assignor.)
Standard Oil Development Company. (See Robertson, Anthony E., assignor.)
Standard Oil Development Company. (See Robey, R. F., and Rosen, assignors.)
Standard Oil Development Company. (See Roediger, Joseph C., assignor.)
Standard Oil Development Company. (See Roethell, Bruno E., assignor.)
Standard Oil Development Company. (See Rollman, Walter F., assignor.)
Standard Oil Development Company. (See Rosen, Raphael, assignor.)
Standard Oil Development Company. (See Rosen, R., and Thomas, assignors.)
Standard Oil Development Company. (See Rupp, W. H., and Hanker, assignors.)
Standard Oil Development Company. (See Rupp, W. H., and Harding, assignors.)

Standard Oil Development Company. (See Russell, Francis R., assignor.)
Standard Oil Development Company. (See Rust, W. M., Jr., and Arthur, assignors.)
Standard Oil Development Company. (See Schonberg, Jackson R., assignor.)
Standard Oil Development Company. (See Sewell, Benjamin W., assignor.)
Standard Oil Development Company. (See Shmidl, Albert J., assignor.)
Standard Oil Development Company. (See Shmidl, A. J., and Wiggen, assignors.)
Standard Oil Development Company. (See Showalter, J. C., and Wiggen, assignors.)
Standard Oil Development Company. (See Slotterbeck, Ober C., assignor.)
Standard Oil Development Company. (See Slotterbeck, O. C., and Kittleson, assignors.)
Standard Oil Development Company. (See Smith, Brook L., assignor.)
Standard Oil Development Company. (See Smith, B. I., and Morin, assignors.)
Standard Oil Development Company. (See Smith, D. A., and Franklin, assignors.)
Standard Oil Development Company. (See Smith, W. M., and Sparks, assignors.)
Standard Oil Development Company. (See Smith, W. M., and Wilson, assignor.)
Standard Oil Development Company. (See Smyers, William H., assignor.)
Standard Oil Development Company. (See Stahly, E. E., and Laughlin, assignors.)
Standard Oil Development Company. (See Stein, Gustav A., Jr., assignor.)
Standard Oil Development Company. (See Strickland, Barney R., assignor.)
Standard Oil Development Company. (See Swaney, Miller W., assignor.)
Standard Oil Development Company. (See Taggart, Millard S. Jr., assignor.)
Standard Oil Development Company. (See Tannich, Richard E., assignor.)
Standard Oil Development Company. (See Tryon, Richard W., assignor.)
Standard Oil Development Company. (See Tyson, C. W., and Tongberg, assignors.)
Standard Oil Development Company. (See Vanderbilt, Byron M., assignor.)
Standard Oil Development Company. (See Voorhies, Alexis, Jr., assignor.)
Standard Oil Development Company. (See Voorhies, A. Jr., and Hattox, assignors.)
Standard Oil Development Company. (See Walton, Jesse S., assignor.)
Standard Oil Development Company. (See Wasson, J. I., and Smith, assignors.)
Standard Oil Development Company. (See Wasson, J. I., and Wilson, assignors.)
Standard Oil Development Company. (See Wells, Alfred A., assignor.)
Standard Oil Development Company. (See Welty, Albert B., Jr., assignor.)
Standard Oil Development Company. (See Whiteley, James M., Jr., assignor.)
Standard Oil Development Company. (See Whiteley, J. M., Jr., and Lynch, assignors.)
Standard Oil Development Company. (See Williams, Milton, assignor.)
Standard Oil Development Company. (See Williams, Robert W., assignor.)
Standard Oil Development Company. (See Winning, Carl, assignor.)
Standard Oil Development Company. (See Winning, C., and McNab, assignors.)
Standard Oil Development Company. (See Wood, J. E., III, and Lynch, assignors.)
Standard Oil Development Company. (See Wright, Donald L., assignor.)
Standard Oil Development Company. (See Young, David W., assignor.)
Standard Oil Development Company. (See Young, D. W., and Evans, assignors.)
Standard Oil Development Company. (See Zimmer, John C., assignor.)
Standard Oil Development Company. (See Zimmer, J. C., and Carlson, assignors.)
Standard Oil Development Company. (See Zimmer, J. C., and McNulty, assignors.)
Standard Oil Development Company. (See Zimmer, J. C., and Morway, assignors.)
Standard Oil Development Company. (See Zimmer, J. C., and Seitz, assignors.)
Standard Oil Development Company. (See Zimmer, J. C., and Wasson, assignors.)
Standard Oil & Gas Company. (See Goodwin, Lloyd O., assignor.)
Standard Paper Goods Mfg. Co. (See MacNeill, Frank A., assignor.)
Standard Process Corporation. (See Leech, Russ B., assignor.)
Standard Products Company, The. (See Popp, Charles L., assignor.)
Standard Products Company, The. (See Reid, James S., assignor.)
Standard Products Company, The. (See Stamy, D. R., and Fisher, assignors.)
Standard Products Company, The. (See Stamy, D. R., Fisher, and Finn, assignors.)
Standard Radial Blast Corporation. (See Dreisbach, Charles A., assignor.)
Standard Railway Devices Company. (See Bonsall, Charles D., assignor.)
Standard Railway Devices Company. (See Zeidler, Kurt E., assignor.)
Standard Railway Equipment Manufacturing Company. (See Bancroft, Alfred G., assignor.)
Standard Railway Equipment Manufacturing Company. (See Bonsall, Charles D., assignor.)
Standard Railway Equipment Manufacturing Company. (See Gilpin, Garth G., assignor.)
Standard Railway Equipment Manufacturing Company. (See Nystrom, Karl F., assignor.)
Standard Railway Equipment Manufacturing Company. (See Small, Arthur E. assignor.)
Standard Railway Equipment Manufacturing Company. (See Swann, James S., assignor.)
Standard Railway Equipment Manufacturing Company. (See West, Victor E., assignor.)
Standard Railway Equipment Manufacturing Company. (See Zeidler, Kurt E., assignor.)
Standard Register Company, The. (See Hiles, Pearl M., assignor.)
Standard Register Company, The. (See Metzner, Albert W., assignor.)
Standard Register Company, The. (See Morse, Kenneth P., assignor.)
Standard Register Company, The. (See Schmidt, John A., assignor.)
Standard Register Company, The. (See Zent, Abram L., assignor.)
Standard Safety Equipment Co. (See Woodward, Raymond G., assignor.)
Standard Steel Works. (See Gredell, Otto N., assignor.)
Standard Telephones and Cables Limited. (See Earp, Charles W., assignor.)
Standard Telephones and Cables Limited. (See McWhirter, E. M. S., and Dunn, assignors.)
Standard Telephones and Cables Limited. (See Roche, A. H., and Elliott, assignors.)
Standefer, Rufus B., Mene Grande, Venezuela, assignor to Shell Development Company, San Francisco, Calif. Full hole cementing device. 2,357,145; Aug. 29.
Standfield, Merl A., Bellflower, assignor to G. Bell, Los Angeles, Calif., doing business under the name of Shehan Mfg. Co. Blind for automobile windows. 2,349,470; May 23.
Stanhay Limited. (See Goldup, Cecil E., assignor.)
Stanko, Edward, Haddon Heights, N. J., assignor to Radio Corporation of America. Automatic volume control. 2,338,551; Jan. 4.
Stanley, Charles B. (See Johnson, C. R., Pilcher, and Stanley.)
Stanley, Edmund A., South Orange, N. J., assignor to Bowne & Co., Inc., New York, N. Y. Insurance policy. 2,342,981; Feb. 29.
Stanley, George E., Beddgelert, England. Plate clutch. 2,353,793; July 18.
Stanley, Harvey H., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Throat microphone. 2,340,777; Feb. 1.
Stanley, Herbert M., Tadworth, and F. E. Salt, Banstead, England, assignors to The Distillers Company Limited, Edinburgh, Scotland, Catalytic dehydrogenation of isopropylbenzene. 2,342,980; Feb. 29.
Stanley, John W., Needham, Mass. Jelly glass. 2,353,520; July 11.
Stanley, Leslie O., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Single walled container. 2,339,544; Jan. 18.
Stanley, Paul H., assignor to E. H. Markwart, doing business as Yuba Tank & Steel Co., Sacramento, Calif. Fluid control apparatus. 2,362,731; Nov. 14.
Stanley, Raymond J., and W. J. Marterstock, assignors to T. F. Beaman, Jackson, Mich., as trustee. Windshield wiper motor. 2,341,669; Feb. 15.
Stanley, Richard B., assignor to La Salle Designing Company, Chicago, Ill. Indexing mechanism. 2,356,097; Aug. 15.
Stanley, Robert M., Cheektowaga, N. Y., assignor to Bell Aircraft Corporation. Force indicator. 2,359,686; Oct. 3.
Stanley Works, The. (See Robinson, David M., assignor.)
Stannard, James H., and E. G. Janke, Salt Lake City, Utah. Construction joint. 2,349,684; May 23.
Stanolind Oil and Gas Company. (See Ackers, Albert L., assignor.)
Stanolind Oil and Gas Company. (See Bays, George S., assignor.)
Stanolind Oil and Gas Company. (See Cloud, Raymond T., assignor.)
Stanolind Oil and Gas Company. (See Douglas, Norvel, assignor.)
Stanolind Oil and Gas Company. (See Eisler, Joseph D., assignor.)
Stanolind Oil and Gas Company. (See Rearden, D. S., Brewster, and Sanderson, assignors.)
Stanolind Oil and Gas Company. (See Roper, Edwin E., assignor.)

Stanolind Oil and Gas Company. (See Sanderson, Robert T., assignor.)
Stanolind Oil and Gas Company. (See Sharpe, Joseph A., assignor.)
Stanolind Oil and Gas Company. (See Silverman, Daniel, assignor.)
Stanolind Oil and Gas Company. (See Silverman, D., and Fearon, assignors.)
Stanolind Oil and Gas Company. (See Silverman, D., and Stuart, assignors.)
Stansbury, Carroll. (See Seeger, E. W., Senn and Stansbury.)
Stansbury, Carroll, Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Timing controller. 2,339,201; Jan. 11.
Stansell, Marion L. (See Brown, T. B., and Stansell.)
Stanton, Arthur. (See Stanton, Franklin J., assignor.)
Stanton, Franklin J., assignor of one-half to A. Stanton, Brooklyn, N. Y. Shoulder board or similar article. 2,363,814; Nov. 28.
Stanton, George W. (See Owens, J. S., Heerema, and Stanton.)
Stanton, Samuel J., Chicago, Ill. Combination game set. 2,364,007; Nov. 28.
Stanton, Warren F., Pawtucket, R. I., assignor, by mesne assignments, to American Car and Foundry Investment Corporation, New York, N. Y. Fuel mixture control. 2,348,033; May 2.
Stapff, Frederick W., assignor of one-fourth to A. S. Wyckoff, San Mateo, Calif. Handpiece for billiard cues and the like. 2,352,294; June 27.
Staples, Charles F., Birmingham, Mich. Honing mandrel. 2,354,890; Aug. 1.
Staples, Crawford E., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,353,421; July 11.
Staples, Crawford E., Pittsburgh, assignor to The Union Swith & Signal Company, Swissvale, Pa. Coded railway signaling apparatus. 2,357,234; Aug. 29.
Staples, Crawford E., and H. G. Blosser, Pittsburgh, assignors to The Union Switch & Signal Company, Swissvale, Pa. Coded signaling system. 2,352,743; July 4.
Staples, Crawford E., and H. G. Blosser, Pittsburgh, assignors to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling system. 2,363,094; Nov. 21.
Staples, Dana R., Ridley Park, Pa., assignor to The Baldwin Locomotive Works. Emergency shutdown system for engine fuel pumps. 2,360,526; Oct. 17.
Staples, Dana R., Ridley Park, and C. A. Ruckert, Clifton Heights, Pa., assignors to The Baldwin Locomotive Works. Control. 2,339,117; Jan. 11.
Staples, Otis E., Euclid, assignor to The Cleveland Hobbing Machine Company, Cleveland, Ohio. Method of and machine for turning metal and the like. 2,341,668; Feb. 15.
Staples, Otis E., assignor to The Cleveland Hobbing Machine Company, Euclid, Ohio. Turning machine. 2,346,515; Apr. 11.
Staples, Otis E., assignor to The Cleveland Hobbing Machine Company, Euclid, Ohio. Hobbing machine. 2,360,800; Oct. 17.
Staples, Otis E., Euclid, assignor to The Cleveland Hobbing Machine Company, Cleveland, Ohio. Turning machine. 2,362,318; Nov. 7.
Stapleton, George M., New York, N. Y., assignor to Ward Leonard Electric Company. Apparatus for controlling electric circuits. 2,340,087; Jan. 25.
Stapling Machines Co. (See Rosenmund, Alfred L., assignor.)
Stapp, Wallace W. (See Cumming, W. E., and Stapp.)
Star Electric Motor Company. (See Sauer, Arthur W., assignor.)
Starbeck, Frank L., Montevideo, Minn. Headgear. 2,349,471; May 23.
Starck, Clemens B. (See Nadeau, G. F., and Starck.)
Stargardter, Albert R., assignor to The Eastern Rolling Mill Company, Baltimore, Md. Armor plate. 2,347,375; Apr. 25.
Starie, George B., Schenectady, and A. W. Schmitz, Scotia, N. Y., assignors to General Electric Company. Control system. 2,364,486; Dec. 5.
Sta-Rite Ginnie-Lou, Inc. (See Bolinger, George N., assignor.)
Stark, Alfred A. (See Stoffel, L. L., and Stark.)
Stark Bros. Nurseries and Orchards Company. (See Fairman, Claude, assignor.)
Stark, Charlie C., Franklin, Ky. Folding charcoal camp stoves. 2,357,699; Sept. 5.
Stark, Henry M. (See McKinney, R. M., and Stark.)
Stark, Henry M., and J. L. Keats, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of titanium oxide pigments. 2,346,091; Apr. 4.
Stark, Hermann. (See Pense, W., Asch, May, and Stark.)
Stark, Lewis B. (See Ellis, J. H., and Stark.)
Stark, Rawson E. (See Stupakoff, S. H., and Stark.)
Stark, Robert S. (See Macartney, J. H., and Stark.)
Starkey, William C., assignor to L. G. S. Spring Clutches, Incorporated, Indianapolis, Ind. Reversing clutch construction for power drives. Re. 22,486; May 23.
Starner, Herbert P., Scarsdale, N. Y. Article of manufacture and making the same. 2,361,711; Oct. 31.
Starr, Howard D., Los Angeles, Calif. Seal packing. 2,347,296; Apr. 25.
Starr, Oscar L., Mission San Jose, assignor to Caterpillar Tractor Co., San Leandro, Calif. Piston. 2,349,917; May 30.
Starr, Oscar L., Mission San Jose, assignor to Caterpillar Tractor Co., San Leandro, Calif. Platon construction. 2,349,918; May 30.
Starr, Oscar L., Mission San Jose, assignor to Caterpillar Tractor Co., San Leandro, Calif. Fitting of members. 2,349,919; May 30.
Starr, Winfield J., Philadelphia, Pa. Screen holder. 2,350,200; May 30.
Starret, Howard A., U. S. Army. Bombproof shelter. 2,346,190; Apr. 11.
Starret, Howard A., U. S. Army. Underground piping. 2,351,642; June 20.
Start, Ernest. (See Start, Harry W. and E.)
Start, Harry W., Carlton, and E. Start, Wilford, assignors to George Blackburn and Sons Limited, Nottingham, England. Straight-bar knitting machine. 2,343,485; Mar. 7.
Stasse, Henry L. (See Engel, K. H., and Stasse.)
Stasse, Henry L., Hawthorne, N. J., assignor to Allied Chemical & Dye Corporation, New York, N. Y. Purifying piperidine. 2,363,157; Nov. 21.
Stasse, Henry L., Hawthorne, N. J., assignor to Allied Chemical & Dye Corporation, New York, N. Y. Purification of piperidine. 2,363,158; Nov. 21.
Staszak, Michael B., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Telephone line circuit. 2,344,653; Mar. 21.
States, Marshall N., Evanston, assignor, to R. C. Brown, Jr., Highland Park, Ill., as trustee. Method for making coffee. 2,338,140; Jan. 4.
Stationers Loose Leaf Company. (See Lotter, Adolph G., assignor.)
Stator Corporation. (See Gulick, Russell A., assignor.)
Stattner, Joseph T., New York, N. Y. Clock control for radios. 2,357,061; Aug. 29.
Staub, Alfred. (See Martin, H., Zaeslin, Hirt, Glatthaar, and Staub.)
Staub, Alfred. (See Stensl, H., and Staub.)
Staub, Charles L. (See Raynor, George A., assignor.)
Staud, Cyril J. (See Carroll, B. H., and Staud.)
Staud, Cyril J., Rochester, N. Y., and C. S. Popper, Fort Davis, Tex., assignors to Eastman Kodak Company, Rochester, N. Y. Hardeners for photographic processing solutions. 2,356,477; Aug. 22.
Staude, E. G., Manufacturing Company. (See Staude, Edwin G., assignor.)
Staude, Edwin G., Minneapolis, Minn. Patch applying mechanism. 2,341,956; Feb. 15.
Staude, Edwin G., Minneapolis, Minn. Adhesive applying mechanism. 2,344,427; Mar. 14.
Staude, Edwin G., Minneapolis, Minn. Machine for applying and drying adhesive on paper goods. 2,348,864; May 16.
Staude, Edwin G., Minneapolis, Minn. Paper box machine. 2,349,204; May 16.
Staude, Edwin G., Minneapolis, Minn. Blank counter. 2,364,324; Dec. 5.
Staude, Edwin G., St. Paul, Minn., assignor to E. G. Staude Manufacturing Company. Adhesive applying and registering mechanism. Re. 22,547; Sept 19.
Staude, Edwin G., and A. M. Walstrom, Minneapolis, Minn.; said Walstrom assignor to said Staude. Variable speed transmission. 2,364,323; Dec. 5.
Staude, Edwin G., and A. M. Walstrom, Minneapolis, Minn.; said Walstrom assignor to said Staude. Variable speed transmission. 2,364,325; Dec. 5.
Staudinger, Hanns P., Ewell, and K. H. W. Tuerck, Banstead, England, assignors to The Distillers Company Limited, Edinburgh, Scotland. Oxidation of acrolein to acrylic acid. 2,341,339; Feb. 8.
Staudinger, Hanns P., Ewell, and K. H. W. Tuerck, Banstead, England, assignors to The Distillers Company Limited, Edinburgh, Scotland. Production of acyclic condensation products of acetylene. 2,348,159; May 2.
Staudinger, Hanns P., Ewell, and K. H. W. Tuerck, Banstead, England, assignors to The Distillers Company Limited, Edinburgh, Scotland. Production of methyl glycerol. 2,351,302; June 13.
Stauffacher, Warner, Minneapolis, Minn. Game device. 2,362,319; Nov. 7.
Stauffer Chemical Company. (See Brallier, P. S., and Nowicke, assignors.)
Stauffer Chemical Company. (See Hellings, W. C., and McLane, assignors.)
Stauffer Chemical Company. (See Metzner, Ernest K., assignor.)
Stauffer Chemical Company. (See Mohr, Albert C., assignor.)
Stauffer, Harry G., Drexel Hill, Pa., assignor to E. L. du Pont de Nemours & Company, Wilmington, Del. Coating compositions. 2,364,172; Dec. 5.
Staunton, LeRoy W. (See Yates, W. H., and Staunton.)
Stava, Robert J. (See Goldfield, E. R., Schiring, and Stava.)
Stavely, Homer E., Highland Park, N. J., assignor to E. R. Squibb & Sons, New York, N. Y. Keto derivatives of 17-ethynyl-17-hydroxy-perhydrocyclopentenophenanthrenes and preparing them. 2,357,364; Sept. 5.

Stryton, Frank J., Birmingham, Ala. Coffee-chicory blend. 2,341,826; Feb. 15.

Stead, Frank A., Loudon Woods, Rye, N. Y., assignor to Linotone Corporation. Clamp for roller printing. 2,338,877; Jan. 11.

Stead, Frank A., Loudon Woods, Rye, N. Y., assignor to Linotone Corporation. Means for supporting the masks in printing rollers. 2,338,878; Jan. 11.

Steadman, Albert. (See Christaldi, P. S., Steadman, and Wilber.)

Steadman, Horace V., Wichita Falls, Tex., assignor to Shell Development Company, San Francisco, Calif. Power actuated spider and slips. 2,351,887; June 20.

Stearman Aviation, Inc. (See Stearman, Glenn A., assignor.)

Stearman, Glenn A., assignor to Stearman Aviation, Inc., Enid, Okla. Sandblast turntable. 2,365,152; Dec. 19.

Stearn, William T., and F. W. Schulte, Cumberland, Md., assignors to Celanese Corporation of America. Winding machine. 2,362,506; Nov. 14.

Stearns, Edwin L., Jr., North Plainfield, N. J., assignor to American Cyanamid Company, New York, N. Y. Spectrophotometric particle mixture cam. 2,344,748; Mar. 21.

Stearns, Harry C., assignor to Products Development, Inc., Chicago, Ill. Method of and apparatus for winding rotors. 2,339,559; Jan. 18.

Stearns, Kenneth R., Springfield, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Reduction gearing apparatus. 2,347,580; Apr. 25.

Stearns Magnetic Mfg. Co. (See Stearns, Roswell H., assignor.)

Stearns-Roger Manufacturing Company, The. (See McNeill, Harry L., assignor.)

Stearns, Roswell H., Wauwatosa, assignor to Stearns Magnetic Mfg. Co., Milwaukee, Wis. Magnetic separator. 2,365,603; Dec. 19.

Stebbins, Charles S., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Detachable plug. 2,362,675; Nov. 14.

Stebbins, Dwight J., Morris, Minn. Automatic gun-pointing mechanism. 2,354,153; July 18.

Stebbins, Frederick O., Schenectady, N. Y., assignors to General Electric Company. Driving mechanism. 2,365,018; Dec. 12.

Steber, Clarence L., Oak Park, Ill. Shade holder. 2,354,154; July 18.

Stebler, Fred, Riverside, assignor to Food Machinery Corporation, San Jose, Calif. Olive sizer. 2,353,941; July 18.

Stechhart, Bruno, assignor to The Bell & Howell Company, Chicago, Ill. Photographic camera. 2,339,202; Jan. 11.

Stechhart, Bruno, Park Ridge, assignor to The Bell & Howell Company, Chicago, Ill. Signal device. 2,357,146; Aug. 29.

Stechhart, Bruno, Park Ridge, assignor to The Bell & Howell Company, Chicago, Ill. Centrifugally controlled governor device. 2,362,676; Nov. 14.

Steck, Leo V., Piedmont, assignor to Shell Development Company, San Francisco, Calif. Remover for paint, varnish, and the like. 2,346,622; Apr. 11.

Steckel, Charles W., New York, N. Y. Connector plug. 2,338,141; Jan. 4.

Stedman, Russell F. (See Friedman, B. S., and Stedman.)

Stedman, Theodore W., New York, N. Y., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Plastic fabric. 2,354,435; July 25.

Stedman, Theodore W., New York, N. Y., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Seat cushion construction. 2,354,436; July 25.

Steegstra, John R. (See Smith, R. M., and Steegstra.)

Steel, Raymond J., Los Angeles, Calif. Car cooler. 2,364,249; Dec. 5.

Steel, Van H., Portland, Oreg. Method and means for purifying air. 2,343,338; Mar. 7.

Steele, Bryant, Lexington, Ky., assignor to D. E. White, Cleveland, Ohio. Magnet release for gate doors and for other purposes. 2,363,021; Nov. 21.

Steele, Bryant, Keenland, Ky., assignor to D. E. White, Cleveland, Ohio. Magnet release for starting gates. 2,363,022; Nov. 21.

Steele, Dwight L., Hagerstown, Md. Storm window. 2,347,137; Apr. 18.

Steele, Harry A. (See Yanchenko, B. J., and Steele.)

Steele, James W., North Kansas City, Mo. Collar support. 2,338,211; Jan. 4.

Steel Heddle Manufacturing Company. (See Kaufmann, John J., assignor.)

Steel Ingot Production, Inc. (See Lindemuth, Lewis B., assignor.)

Steel Products Engineering Company, The. (See Brehm, Charles M., assignor.)

Steel Products Engineering Company, The. (See Scholl, Clark, assignor.)

Steel Products Engineering Company, The. (See Scholl, C., and Getz, assignors.)

Steen, Harford K., Newburgh, assignor to Interstate Bag Co., Walden, N. Y. Making handled bags. 2,346,710; Apr. 18.

Steen, Henry. (See Kendrick, C. M., and Steen.)

Steen, William E. (See Dand, W. R., and Steen.)

Steen, William E., Pasadena, assignor to Smith Meter Company, Los Angeles, Calif. High-pressure meter. 2,362,778; Nov. 14.

Steenland, Peter M., Palisades Park, N. J. Garment hanger. 2,338,213; Jan. 4.

Steensen, Bernard, Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Air cleaner and silencer. 2,340,152; Jan. 25.

Steenstrup, Carl H., Schenectady, N. Y., assignor to General Electric Company. Freezing tray. 2,362,320; Nov. 7.

Steenstrup, Christian, Schenectady, N. Y., assignor to General Electric Company. Refrigerator. 2,349,121; May 16.

Stefano, Dante J., New York, N. Y. Insulating bulkheads. 2,362,119; Nov. 7.

Steffens, Eugene C., Oak Park, Ill. Milk bottle cream dispenser. 2,353,521; July 11.

Stegall, Wilbur D., near Concord, N. C. Harness actuating mechanism. 2,358,884; Sept. 26.

Steglich, Herbert H., Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. Gaseous developing apparatus. 2,350,257; May 30.

Stehlik, Frank J., Cicero, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Contact spring stack-up. 2,339,434; Jan. 18.

Stehlik, Frank J., Cicero, Ill., and F. Schumann, Nashville, Tenn., assignors to Kellogg Switchboard and Supply Company, Chicago, Ill. Telephone substation ringer. 2,363,095; Nov. 21.

Steig, Arthur and H., New York, N. Y. Apparatus and method for mechanical brazing of diamonds. 2,339,659; Jan. 18.

Steig, Arthur and H., New York, N. Y. Apparatus for mechanical brazing of diamonds. 2,339,660; Jan. 18.

Steig, Henry. (See Steig, Arthur and H.)

Steiger, Jacques, assignor to Sulzer Frères, Société Anonyme, Winterthur, Switzerland. Device for reducing torsional oscillations. 2,347,521; Apr. 25.

Stein, A., & Company. (See Bullinger, Conrad, assignor.)

Stein, A., & Company. (See Frank, Haskel S., assignor.)

Stein, Berthold, Brooklyn, N. Y. Brewing beer, ale, or near-beer. 2,354,092; July 18.

Stein, Berthold, Brooklyn, N. Y. Brewing apparatus. 2,354,093; July 18.

Stein, Charles F., Chicago, Ill., assignor to Pratt, Read & Co., Inc., Ivoryton, Conn. Piano action. 2,361,573; Oct. 31.

Stein, Earl, Kutztown, Pa. Vent for cores. 2,363,450; Nov. 21.

Stein, Gustav A., Jr., Baton Rouge, La., assignor to Standard Oil Development Company. Treating hydrocarbon fluids. 2,355,016; Aug. 1.

Stein, Gustav A., Plainfield, and W. J. Moran, Jr., Cranford, assignors to Merck & Co., Inc., Rahway, N. J. Riboflavin derivatives and their preparation. 2,358,356; Sept. 19.

Stein, Hall and Company. (See Caesar, George V., assignor.)

Stein, Hall and Company. (See Griffin, I. L., Truax, and Nuttall, assignors.)

Stein, Hall and Company. (See Richee, William R., assignor.)

Stein, Hall Manufacturing Company. (See Bauer, Hans F., assignor.)

Stein, Hall Manufacturing Company. (See Bauer, J. V., and Hawley, assignors.)

Stein, Hall Manufacturing Company. (See Gardner, Herbert F., assignor.)

Stein, Hall Manufacturing Company. (See Hauer, Hans F. and J. V., and Hawley, assignors.)

Stein, Hall Manufacturing Company. (See Smith, R. D., and Gardner, assignors.)

Stein, Irving L., Brooklyn, N. Y. Protective covering for electrical outlet boxes. 2,354,224; July 25.

Stein, Irving M. (See Peters, J. C., and Stein.)

Stein, James H. (See Herzog, G., and Stein.)

Stein, John A., Richmond Hill, and L. V. Whipple, Floral Park, N. Y., assignors to American Machine and Foundry Company. Bread wrapping machine. 2,362,969; Nov. 14.

Stein, Joseph A. (See Vayda, L. L., and Stein.)

Stein, Leo, Chicago, Ill. Flexible fastener for hand luggage. 2,366,060; Dec. 26.

Stein, Max B. (See Beaudet, George J., assignor.)

Steinbach, Heins, Berlin-Charlottenburg, Germany; vested in the Alien Property Custodian. Electric motor control. 2,338,979; Jan. 11.

Steinberg, Samuel S., Boston, Mass. Machine for making wicks. 2,360,080; Oct. 10.

Steinberg, Sander, assignor to said Steinberg and C. A. Miller, co-partners, doing business as Altoona Sanitary Laundry, Altoona, Pa. Apparatus for pressing garment sleeves. 2,362,105; Nov. 7.

Steinbock, Edmund A. (See Neiman, Robert, assignor.)

Steinbock, Edmund A. (See Weyhing, August L., assignor.)

Steinbock, Edmund A., and R. Neiman, Louisville, Ohio; said Neiman assignor to said Steinbock. Producing commercial castings. 2,362,507; Nov. 14.

Steiner, Herbert. (See Weissmann, C., and Steiner.)

Steiner, Louis J. (See Shutt, T. C., and Steiner.)

Steiner, Louis, New York, N. Y. Device for dispensing articles from chutes. 2,359,397; Oct. 3.

Steiner, Oscar, assignor to The Folmer Graflex Corporation, Rochester, N. Y. Photographic flash synchroniser equipment. 2,344,472; Mar. 14.

Steiner, Oscar, assignor to The Folmer Graflex Corporation, Rochester, N. Y. Photographic shutter, particularly adapted for aerial photography. 2,345,365; Mar. 28.

Steiner, Oscar, assignor to The Folmer Graflex Corporation, Rochester, N. Y. Photoflash synchroniser unit and equipment. 2,350,258; May 30.

Steiner, Oscar, assignor to The Folmer Graflex Corporation, Rochester, N. Y. Film pack holder or adapter. 2,353,895; July 18.

Steiner, Oscar, assignor to The Folmer Graflex Corporation, Rochester, N. Y. Between-the-lens shutter synchronization. 2,365,847; Dec. 26.

Steiner, Otto, Berlin-Spandau, Germany; vested in the Alien Property Custodian. Telegraph transmitter. 2,352,031; June 20.

Steiner, Waldo L. (See Lincoln, B. H., and Steiner.)

Steiner, Waldo L. (See Lincoln, B. H., Byrkit, and Steiner.)

Steiner, Walter J. (See Brown, Deskin L., assignor.)

Steinert, Emil F., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Transformer power unit. 2,342,764; Feb. 29.

Steinhardt, Irving, New York, N. Y. Retaining device. 2,361,069; Oct. 24.

Steinharter Augusta K., et al. (See Steinharter, Stanley S., assignor.)

Steinharter, Carlisle Y., et al. (See Steinharter, Stanley S., assignor.)

Steinharter, Stanley S., assignor of one-fifth to A. K. Steinharter, and one-fifth to C. Y. Steinharter, Cincinnati, Ohio, and one-fifth to N. P. Swift, one-fifth to E. N. Morang, and one-fifth to A. West, Detroit, Mich. Wool pulling and sorting. 2,356,898; Aug. 29.

Steinhilber, Gustav W., Manchester, assignor to D. C. Scott, West Hartford, Conn. Textile spool. 2,347,376; Apr. 25.

Steinle, John V. (See Lawler, W. P., Hable, and Steinle.)

Steinle, Leo E. (See Kirby, W. G., and Steinle.)

Steinle, Leo C., Wimbledon, London, and C. H. Hanwell, Cogenhoe, England. Thread rolling machine. 2,343,598; Mar. 7.

Steinle, Leo C., Wimbledon, London, and C. H. Hanwell, Cogenhoe, England. Stop device for threading, rolling and other machines. 2,346,516; Apr. 11.

Steinle, Leo C., Wimbledon, London, and C. H. Hanwell, Cogenhoe, England. Threaded element. 2,356,098; Aug. 15.

Steinmann, Robert, Jersey City, N. J., assignor to General Motors Corporation, Detroit, Mich. Antifriction journal box. 2,360,737; Oct. 17.

Steinmayer, Alwin G. (See Earle, R. H., and Steinmayer.)

Steinmayer, Alwin G. (See Schultz, W. O., and Steinmayer.)

Steinmayer, Alwin G., Milwaukee, assignor to Line Material Company, South Milwaukee, Wis. Making electromagnetic induction apparatus. 2,344,006; Mar. 14.

Steinmayer, Alwin G., Milwaukee, and W. O. Schultz, South Milwaukee, assignors to Line Material Company, Milwaukee, Wis. Fuse device. 2,347,851; May 2.

Steinmayer, Alwin G., Milwaukee, Wis., and J. O. Fenwick, Zanesville, Ohio, assignors to Line Material Company, Milwaukee, Wis. Switch operating mechanism. 2,360,801; Oct. 17.

Steins, Carleton K., Merion, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Locomotive. 2,338,212; Jan. 4.

Steins, Carleton K., Merion, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Locomotive 2,338,214; Jan. 4.

Steins, Carleton K., Merion, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Low-water alarm for boilers. 2,356,283; Aug. 22.

Steinway & Sons. (See Beiter, George, assignor.)

Steinway & Sons. (See Bilhuber, Paul H., assignor.)

Stellin, Domnic V., Detroit, Mich. Interchangeable punch and die and retainer for same. 2,364,401; Dec. 5.

Stellingwerf, Edward, Remsen, Iowa. Safety system for engines. 2,347,297; Apr. 25.

Stelzer, Harry, Forest Hills, N. Y. Money belt. 2,351,158; June 13.

Stelzer, William, Detroit, Mich. Hand press for affixing seals. 2,343,339; Mar. 7.

Stelzer, William, Detroit, Mich. Brake. 2,355,827; Aug. 15.

Stelzer, William, Detroit, Mich. Hydraulic booster. 2,357,032; Aug. 29.

Stelzer, William, Detroit, Mich. Hydraulic brake booster. 2,359,687; Oct. 3.

Stelzer, William, Detroit, Mich., assignor to Stoffel Seals Company, Incorporated, New York, N. Y. Seal. 2,346,197; Apr. 11.

Stelzer, William, Detroit, Mich., assignor to Stoffel Seals Company, Incorporated, New York, N. Y. Sealing machine. 2,361,884; Oct. 31.

Stemar Displays Company. (See Einzig, Henry, assignor.)

Stenfors, Tor, Djursholm, Sweden. Typewriter provided with type wheel or type roller. 2,365,913; Dec. 26.

Stenger, Charles. (See McMullen, J. E., and Stenger.)

Stenhammer, Harold T. (See Muldoon, W. J., and Stenhammer.)

Stenmark, George A. (See Bent, F. A., and Stenmark.)

Steas, William H., Fond du Lac, Wis. Guide for fishing poles. 2,360,802; Oct. 17.

Stensi, H., and A. Staub, assignors to J. R. Geigy A. G., Basel, Switzerland. 2-alkyl-3-amino-5-pyrazolones. 2,361,329; Oct. 24.

Stepanoff, Alexey J., Phillipsburg, N. J., assignor to Ingersoll-Rand Company, New York, N. Y. Pump. 2,343,486; Mar. 7.

Stepanoff, Alexey J., Phillipsburg, N. J., assignor to Ingersoll-Rand Company, New York, N. Y. Adjusting device. 2,357,914; Sept. 12.

Stepanoff, Alexey J., Phillipsburg, N. J., assignor to Ingersoll-Rand Company, New York, N. Y. Centrifugal pump. 2,358,744; Sept. 19.

Stephan, Hallis N. (See Lucas, H. M., and Stephan.)

Stephan, Hallis N., Cleveland Heights, assignor, by mesne assignments, to The Lucas Machine Tool Company, Bratenahl, Ohio. Machine tool. 2,339,435; Jan. 18.

Stephan, Ingo L., Delanco, N. J., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Multi-speed motor. 2,341,452; Feb. 8.

Stephan, Ingo L., Delanco, N. J., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Phonograph. 2,346,660; May 9.

Stephan, Ray C. (See Ohme, W. F., and Stephan.)

Stephano Brothers. (See Brightwell, Robert R., assignor.)

Stephen, Ronald A., London, England, assignor to The Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Getter for electron discharge tubes. 2,341,483; Feb. 8.

Stephen, Samuel P., Colorado Springs, Colo. Drive wheel construction for automotive vehicles. 2,339,960; Jan. 25.

Stephen, William E. (See Knight, A. H., and Stephen.)

Stephens-Adamson Mfg. Co. (See Herrick, H. K., and Horn, assignors.)

Stephens-Adamson Mfg. Co. (See Horn, Charles J., assignor.)

Stephens-Adamson Mfg. Co. (See Kendall, M. A., and Moore, assignors.)

Stephens, Allen C., Washington, D. C., assignor to Utilities Service Company, Inc., Allentown, Pa. Insulator. 2,347,975; May 2.

Stephens, Edward W., assignor to Wingfoot Corporation, Akron, Ohio. Conveyer system. 2,362,677; Nov. 14.

Stephens, Henry N. (See Sohl, W. E., and Stephens.)

Stephens, John H., West Chester, Pa., assignor to The Glenn L. Martin Company, Baltimore, Md. Landing gear. 2,346,797; Apr. 18.

Stephens, Joseph A., Vermillion, S. Dak. Tobacco dispenser. 2,364,326; Dec. 5.

Stephens, Joseph F., Kansas City, Mo. Articulate pipe or conduit. 2,349,016; May 16.

Stephens, Joseph J. W. (See Cross, K. M., and Stephens.)

Stephens, Nellie L. (See Dand, William R., assignor.)

Stephens, Paul, assignor of twenty-five per cent to L. L. Brantley, Nacogdoches, Tex. Tire regrooving device. 2,350,375; June 6.

Stephens, Thomas M., Montgomery, W. Va. Arbor holder. 2,352,415; June 27.

Stephens, William T., assignor to Hydraulic Control Engineering Company, Cleveland, Ohio. Hollow plunger control valve. 2,359,802; Oct. 10.

Stephens, William T., assignor to Hydraulic Control Engineering Company, Cleveland, Ohio. Rotary seal assembly. 2,362,854; Nov. 14.

Stephens, William T., assignor to Hydraulic Control Engineering Company, Cleveland, Ohio. Control valve for hydraulic systems. 2,362,944; Nov. 14.

Stephens, William T., assignor to Hydraulic Control Engineering Company, Cleveland, Ohio. Hydraulic control valve. 2,362,945; Nov. 14.

Stephens, Zoma A., assignor to Munsingwear, Inc., Minneapolis, Minn. Lady's undergarment. 2,344,374; Mar. 14.

Stephens, Zoma A., assignor to Munsingwear, Inc., Minneapolis, Minn. Lady's undergarment. 2,344,375; Mar. 14.

Stephenson, James E., assignor to General Railway Signal Company, Rochester, N. Y. Highway crossing gate. 2,353,942; July 18.

Stephenson, James G., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Through-current pilot-generator or regulator. 2,345,160; Mar. 28.

Stephenson, Leigh J., Markham, assignor to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Hot bearing alarm system. 2,339,436; Jan. 18.

Stephenson, Verne L., assignor to Snuggle Products, Inc., Goshen, Ind. Child's garment. 2,338,552; Jan. 4.

Stephenson, William F., Royal Oak, Mich. Radius grinder. 2,347,616; Apr. 25.

Sterick, Harrison D., Pittsburgh, Pa. Fluid heater. 2,342,500; Feb. 22.

Sterling, Albert J., deceased, Brooklyn, N. Y.; S. M. Sterling, executrix. Siftproof bag. 2,345,434; Mar. 28.

Sterling Electric Motors, Inc. (See Johnson, C. E., and Mendenhall, assignors.)

Sterling, Sarah M., executrix. (See Sterling, Albert J.)

Stern, Charles, Jersey City, N. J. Dispensing device. 2,340,625; Feb. 1.
Stern, Edgar L. (See Gruenberg, A. J., and Stern.)
Stern, Edward L., New York, N. Y. Container. 2,353,522; July 11.
Stern, Harold, Yonkers, N. Y. Sewing kit. 2,345,994; Apr. 4.
Stern, Harold H., et al. (See Bassist, Rudolph, assignor.)
Stern, I., & Co. (See Strasser, Edward, assignor.)
Stern, Jack, New York, N. Y. Jewelry clasp. 2,340,708; Feb. 1.
Stern, Kurt G., New Haven, Conn., assignor to Research Corporation, New York, N. Y. Centrifuge. 2,340,825; Feb. 1.
Stern, Lewis J., Adrian, Mich., assignor, by mesne assignments, to Schwarze Electric Company, Chicago, Ill. Electric bell. 2,344,523; Mar. 21.
Stern, Max, Kew Gardens, N. Y. Production of shaped articles such as tubes, rods, and profiles from magnesium and magnesium alloy scrap. 2,358,667; Sept. 19.
Stern, Milton M. (See Kelly, J. H., Jr., and Stern.)
Stern, Nathan B., and M. P. Newberger, Cleveland, Ohio. Face and eye shield. 2,342,992; Feb. 29.
Stern, Raphael L., South River, N. J., assignor to Hercules Powder Company, Wilmington, Del. Cellulose mixed ester molding composition. 2,365,652; Dec. 19.
Sternbach, Leo, Upper Montclair, assignor to Hoffmann-La Roche, Inc., Nutley, N. J. Alkali metal acid salts of oxidation products of abietic acid. 2,357,613; Sept. 5.
Sternberg, Edwin, New York, N. Y. Outlet device for air conditioning systems. 2,354,155; July 18.
Sternfield, George L. (See Galvin, S. L., and Sternfield.)
Sternfield, George L., New York, N. Y., and S. L. Galvin, North Bergen, assignors to Continental Foods, Inc., Hoboken, N. J. Feeding and measuring device and method. 2,341,340; Feb. 8.
Sterrett, Robert R. (See Teague, M. C., and Sterrett.)
Sterrett, Robert R., Naugatuck, Conn., assignor to United States Rubber Company, New York, N. Y. Latex composition. 2,348,865; May 16.
Steube, Fritz, Leipzig, Germany; vested in the Alien Property Custodian. Production of sound records. 2,352,032; June 20.
Steuber, Elmer G., Pittsburg, Calif., assignor to Columbia Steel Company. Twister head electric stop. 2,361,509; Oct. 31.
Steudel, Eberhard, Berlin-Dahlem, Germany, assignor to General Electric Company, Schenectady, N. Y. Electron discharge device. 2,343,487; Mar. 7.
Steudel, George E., Chicago, Ill. Cutting mains under pressure. 2,349,889; May 30.
Steuerman, Sergey, New York, N. Y. Vibrator device. 2,360,803; Oct. 17.
Steven, Dietrich E., Chicago, Ill. Safety fountain pen. 2,362,321; Nov. 7.
Stevens, A. T., et al. (See Pulliam, James D., assignor.)
Stevens, Clarence A., Wichita, Kans. Harvester. 2,347,138; Apr. 18.
Stevens, Don E., assignor to Hammond Aircraft Company, South San Francisco, Calif. Conditioning aluminum material for spot welding. 2,365,153; Dec. 19.
Stevens, Edward W. (See Fischer, H. R., and Stevens.)
Stevens, Edward W., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Spring balancer. 2,342,020; Feb. 15.
Stevens, Frank W., Syracuse, N. Y. Building wall construction. 2,344,749; Mar. 21.
Stevens, Fred H. (See Peterson, O. R., and Stevens.)
Stevens, George, Baltimore, Md. Tool. 2,362,779; Nov. 14.
Stevens, George E. (See Roberts, E., and Stevens.)
Stevens, Hayes C., Library, Pa. Apparatus or device for cutting and stamping telegrams and the like. 2,345,435; Mar. 28.
Stevens, Herbert H., Jr., Bantam, Conn. Building with air supported roof and constructing the same. 2,355,248; Aug. 8.
Stevens, Horace D., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Tire building apparatus. 2,339,551; Jan. 18.
Stevens, Horace D., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Apparatus for making inner tubes. 2,354,432; July 25.
Stevens, Horace D., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Tire building apparatus. 2,354,434; July 25.
Stevens, John A., South Bend, Ind. Window jack. 2,348,661; May 9.
Stevens, John A., South Bend, Ind. Fishhook extractor. 2,348,662; May 9.
Stevens, John E., New York, N. Y. Pump. 2,355,928; Aug. 15.
Stevens, Joseph R., Plainfield, and R. H. Beutel, Newark, assignors to Merck & Co., Inc., Rahway, N. J. Therapeutic substances. 2,362,508; Nov. 14.
Stevens, M. T., & Sons Co. (See Runton, Leslie A., assignor.)
Stevens, Paul W. (See Kingslake, R., and Stevens.)
Stevens, Philip G., New Haven, Conn., and J. L. E. Erickson, Baton Rouge, La., assignors to Burton T. Bush, Inc., New York, N. Y. Preparing musk materials and product thereof. 2,364,041; Nov. 28.
Stevens, Robert C. (See Clark, D. B., and Stevens.)
Stevens, Robert L., Santa Monica, assignor, by mesne assignments, to Moisture Register Company, Los Angeles County, Calif. Measurement of moisture content in granular materials. 2,343,340; Mar. 7.
Stevens, Roy R., Forest Hills, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Control valve device. 2,355,758; Aug. 15.
Stevens, Sydney A. (See Peter, L. H., and Stevens.)
Stevens, Sydney A., and L. H. Peter, King's Cross, London, England, assignors, by mesne assignments, to The Union Switch and Signal Company, Swissvale, Pa. Leakage indicator for alternating electric current circuits. 2,360,288; Oct. 10.
Stevens, Sydney A., and A. H. B. Walker, London, England, assignors, by mesne assignments, to The Union Switch and Signal Company, Swissvale, Pa. Mechanical rectifier or converter for alternating electric currents. 2,361,155; Oct. 24.
Stevens, Vernon E., Wellsville, N. Y. Fluid actuated brake. 2,352,920; July 4.
Stevens, Walter H. (See Bedford, L. H., and Stevens.)
Stevens, William E., Marion, S. C. Truck stanchion. 2,346,269; May 9.
Stevenson, Donald E., Monrovia, Calif., assignor to Carpenter Paper Company. Envelope flap folding machine. 2,344,220; Mar. 14.
Stevenson, Edward E. (See Eden, C. H., and Stevenson.)
Stevenson Engineering Corporation. (See Bottomley, Frank, assignor.)
Stevenson Engineering Corporation. (See Stevenson, Robert, assignor.)
Stevenson, Geoffrey, Brookline, Mass., assignor to Lewis Invisible Stitch Machine Company, St. Louis, Mo. Combined seaming and pinking mechanism. 2,352,572; June 27.
Stevenson, Gladys, administratrix. (See Stevenson, James W.)
Stevenson, Halsey B. (See Hanford, W. E., and Stevenson.)
Stevenson, Halsey B., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of 2-mercapto-thiazoline. 2,364,398; Dec. 5.
Stevenson, Holland N., New Rochelle, N. Y. Surgeon's tool. 2,360,738; Oct. 17.
Stevenson, James W., deceased, by G. Stevenson, administratrix, Riverside, Calif., assignor to Food Machinery Corporation (Riverside Division). Box stack conveyer and elevator. 2,365,782; Dec. 26.
Stevenson, Jesse J., Minneapolis, Minn. Range finder. 2,364,557; Dec. 5.
Stevenson, Jordan & Harrison, Inc. (See Vang, Alfred, assignor.)
Stevenson, Lloyd W. (See Stulen, F. B., and Stevenson.)
Stevenson, Robert, Providence, R. I., assignor to Stevenson Engineering Corporation. Aerial propulsion. 2,364,672; Dec. 12.
Stevenson, Robert, Barrington, and A. W. Keema, Providence, R. I., assignors to Merit Engineering, Inc. Remote control apparatus. 2,344,473; Mar. 14.
Stevenson, Robert O., assignor to Proctor & Schwartz, Inc., Philadelphia, Pa. Cooking apparatus. 2,350,941; June 6.
Stevenson, Robert W., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Grinder. 2,339,961; Jan. 25.
Stevenson, Thomas, Philadelphia, Pa. Ammunition. 2,340,284; Feb. 1.
Stevenson, Thomas, and B. Volin, Philadelphia, Pa. Safety switch. 2,352,664; July 4.
Stever, Horton G., Arlington, Mass., assignor to California Institute Research Foundation, Pasadena, Calif. Directional geiger counter. 2,351,845; June 20.
Steward, Clinton C., Whittier, Calif., and C. T. Draney, Portland, Oreg. Producing olefines and motor fuel. 2,340,778; Feb. 1.
Steward, Harold M. (See Hargreaves, E. S., and Steward.)
Steward, Roy F. (See Goodrich, Robert B., assignor.)
Stewart, Alexander, Mountain Lakes, N. J., and E. Willihnganz, Baldwin, assignors to National Lead Company, New York, N. Y. Storage battery plates and making the same. 2,365,604; Dec. 19.
Stewart, Andrew H., Shields, Pa. Racing game. 2,358,604; Sept. 19.
Stewart, Arthur W., assignor to Detrola Corporation, Detroit, Mich. Frequency modulation signal generator. 2,355,338; Aug. 8.
Stewart, Carlton D., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Variable load brake. 2,342,765; Feb. 29.
Stewart, Carlton D., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake apparatus. 2,361,134; Oct. 24.
Stewart, Charles W., River Forest, Ill., assignor to Corn Products Refining Company, New York, N. Y. Zein dispersions. 2,360,081; Oct. 10.
Stewart, Clyde E., Upper Darby, Pa., assignor to General Electric Company. Supervisory system. 2,360,172; Oct. 10.
Stewart, George E., and C. L. Trier, Baltimore, Md., and H. S. Fielder, La Grange, Ill., assignors to Cherry-Burrell Corporation, Wilmington, Del. Liquid distributor. 2,346,278; Apr. 11.

Stewart, Gilbert, assignor to Ex-Cell-O Corporation, Detroit, Mich. Dressing mechanism for grinding wheels. 2,351,159; June 13.
Stewart, Harold C., and K. D. Beardsley, Pittsfield, Mass., assignors to General Electric Company. Electric circuit. 2,363,909; Nov. 28.
Stewart, Howard J., York, Pa., assignor to General Electric Company. Insulated electrical conductor. 2,365,019; Dec. 12.
Stewart, Howard R., Los Angeles, Calif. Soap holder. 2,357,774; Sept. 5.
Stewart, Howard T., New York, N. Y. Dental appliance. 2,354,780; Aug. 1.
Stewart, Hubert L., assignor to Koppers Company, Pittsburgh, Pa. Electrolysis. 2,340,254; Jan. 25.
Stewart, J. Russell. (See Goldberg, H., Slaymaker, and Stewart.)
Stewart, John D., Teton, Idaho. Airship. 2,341,577; Feb. 15.
Stewart, John N., Detroit, Mich. Dressing tool. 2,349,793; May 23.
Stewart, John Q., Princeton, N. J. Perpetual calendar. 2,340,153; Jan. 25.
Stewart, John S., Port Washington, N. Y., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Flow gun. 2,363,023; Nov. 21.
Stewart, Joseph E. (See Stacy, T. F., and Stewart.)
Stewart, Joseph E., Detroit, Mich., assignor to The French Oil Mill Machinery Company, Piqua, Ohio. Measuring and delivering mechanism. 2,353,276; July 11.
Stewart, Leland. (See Booge, J. E., and Stewart.)
Stewart, Nelson H., Caldwell, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. X-ray tube anode seal. 2,358,668; Sept. 19.
Stewart, Ohmer E. (See Stewart, R. F., and (Elrod, assignor).)
Stewart, Robert F., and P. W. Elrod, Franklin; said Elrod assignor to O. E. Stewart, Middletown, Ohio. Automatic control for electric circuits. 2,346,023; Apr. 11.
Stewart, Robert J., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Article timing device. 2,350,479; June 6.
Stewart, Robert J., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Detector mechanism for capping machines. 2,351,888; June 20.
Stewart, Robert J., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Supporting structure of beverage filling machines. 2,362,167; Nov. 7.
Stewart, Robert J., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Conveyer apparatus. 2,365,304; Dec. 19.
Stewart, Robert J., and H. H. Franz, assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Article timing device. 2,338,267; Jan. 4.
Stewart, Robert J., and L. F. Pahl, assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Apparatus and method for vacuumising containers. 2,339,035; Jan. 11.
Stewart, Robert J., and H. H. Franz, assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Float valve for filling machine reservoirs. 2,353,277; July 11.
Stewart, Robert J., and H. J. Rever, assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Filling machine. 2,353,523; July 11.
Stewart, Robert J., and H. H. Franz, assignors to Crown Cork & Seal Company, Baltimore, Md. Apparatus for filling. 2,364,400; Dec. 5.
Stewart, Vincent J., Tallahassee, Fla. Resilient, puncture proof automobile wheel. 2,349,794; May 23.
Stewart, Walter H., Passaic, N. J. Pipe cleaning ash tray. 2,352,033; June 20.
Stewart-Warner Corporation. (See Ayres, Francis L., assignor.)
Stewart-Warner Corporation. (See Barr, C., and Strickler, assignors.)
Stewart-Warner Corporation. (See Beretish, W. H., and Campbell, assignors.)
Stewart-Warner Corporation. (See Campbell, T. A., assignor.)
Stewart-Warner Corporation. (See Coxon, George E., assignor.)
Stewart-Warner Corporation. (See Coxon, G. E., and Farr, assignors.)
Stewart-Warner Corporation. (See Davis, Ernest W., assignor.)
Stewart-Warner Corporation. (See Heymann, Seymour E., assignor.)
Stewart-Warner Corporation. (See (Heymann, S. E., and Williams, assignors), and McCollum.)
Stewart-Warner Corporation. (See Iwashita, George K., assignor.)
Stewart-Warner Corporation. (See Le Fevre, A. W., and Spackman, assignors.)
Stewart-Warner Corporation. (See McCollum, H. J. D., and Williams, assignors.)
Stewart-Warner Corporation. (See Norman, Horace M., assignor.)
Stewart-Warner Corporation. (See Palm, George H., assignor.)
Stewart-Warner Corporation. (See Wedeberg, Reuben, assignor.)
Stewart-Warner Corporation. (See Whitted, John B., assignor.)
Stewart-Warner Corporation. (See Wintergreen, Charles J., assignor.)
Stewart, William D., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Preserving latex and product thereof. 2,350,294; May 30.
Stewart, William D., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Preserving latex and product thereof. 2,352,573; June 27.
Stewart, William D., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Preserving latex and product thereof. 2,361,070; Oct. 24.
Stiano, Frank, assignor to Columbia Protektosite Co., Inc., Carlstadt, N. J. Goggle. 2,342,766; Feb. 29.
Stibitz, George R., Boonton, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Card translator. 2,361,246; Oct. 24.
Sticelber, Merlin A., Kansas City, Mo. Bread molding machine. 2,344,836; Mar. 21.
Stickel, Harold A., San Francisco, Calif. Selective signal device. 2,359,494; Oct. 3.
Stickler, Charles W., Hazelton, Pa. Ventilating apparatus. 2,345,636; Apr. 4.
Stickney, Ruth C., Los Angeles, Calif. Holder for tooth paste tubes. 2,346,403; Apr. 11.
Stieger, Philip J., St. Paul, Minn. Smoking pipe. 2,354,712; Aug. 1.
Stieger, Philip J., St. Paul, Minn. Insulating and acoustical covering. 2,355,608; Aug. 15.
Stiegler, August. (See Sherrill, S. S., and Stiegler.)
Stiegler, Harold W., Stamford, and L. A. Fluck, Jr., South Norwalk, Conn., assignors to American Cyanamid Company, New York, N. Y. Treatment of cellulosic textile material. 2,339,203; Jan. 11.
Stieglitz, Albert, Berlin-Spandau, Germany; vested in the Alien Property Custodian. Supercharger. 2,356,124; Aug. 22.
Stieglitz, Henry M. (See Adam, F. B., and Stieglitz.)
Stieglitz, Henry M., assignor to Frank Adam Electric Company, St. Louis, Mo. Forming solderless connectors. 2,358,745; Sept. 19.
Stieglitz, William I. (See Knox, T., and Stieglitz.)
Stietzel, Fritz. (See Wolf, H., Kuss, Hohn, and Stietzel.)
Stiffler, Harold F., Medway, Ohio. Removable hood. 2,353,769; July 18.
Stiffler, Harold F., Medway, Ohio. Developing tank. 2,354,225; July 25.
Stiffler, Harold F., Medway, Ohio. Daylight printer. 2,365,225; Dec. 19.
Stift, Edward, St. Louis, Mo. Spring wheel. 2,364,173; Dec. 5.
Stigler, Robert G., Harrison Township, Montgomery County, assignor to Standard Molding Corporation, Dayton, Ohio. Bottle carrier. 2,365,914; Dec. 26.
Stigter, Willem H. (See Reynst, M. F., Rinia, Stigter, and Dorsman.)
Stiles Le Conie. (See Frederickson, William H., assignor.)
Stiles, Le Conie, Seattle, Wash. Production of coffee cakes. 2,345,637; Apr. 4.
Stiller, Eric T. (See Harris, S. A., and Stiller.)
Stillman, Milton, Bremerton, Wash. Propeller structure. 2,340,709; Feb. 1.
Stillwell, Charles W., assignor to Dennison Manufacturing Company, Framingham, Mass. Gummed sheet material. 2,465,020; Dec. 12.
Stilson, Alden E., Forest Hills, assignor to Morse Boulger Destructor Company, Inc., New York, N. Y. Incinerator. 2,346,054; Apr. 4.
Stilson, Herbert A., Chicago, Ill. Animal trap and safety catch therefor. 2,343,589; Mar. 7.
Stilwell, Glenn E., and G. C. Paxton, Riverside, assignors to Food Machinery Corporation, San Jose, Calif. Machine for manufacturing lids for multiple boxes. 2,349,205; May 16.
Stilwell, William E., Jr., Cincinnati, Ohio, assignor to John B. Pierce Foundation, New York, N. Y. Toggle spring actuating means. 2,346,544; Apr. 11.
Stilwell, William E., Jr., Cincinnati, Ohio, assignor to John B. Pierce Foundation, New York, N. Y. Circuit breaker and overload protective device. 2,358,357; Sept. 19.
Stilwell, William E., Jr., assignor to Empire Ironer, Inc., Cincinnati, Ohio. Ironer. 2,362,322; Nov. 7.
Stimson, Allen G., Marblehead, Mass., assignor to General Electric Company. Electric switch. 2,362,855; Nov. 14.
Stine, Carl A., Van Nuys, assignor to Turco Products, Inc., Los Angeles, Calif. Dispensing device. 2,361,663; Oct. 31.
Stine, Carl A., Van Nuys, assignor to Turco Products, Inc., Los Angeles, Calif. Adjustable ring groove carbon removing tool. 2,362,780; Nov. 14.
Stine, John F., Jr. (See Pietrobon, Attil, assignor.)
Stine, Samuel S., Lansdowne, and E. H. Beswick, Essington, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Punching apparatus. 2,365,977; Dec. 26.
Stingley, Dale V. (See Zeigler, A. H., Stingley, and Klefer.)
Stinnett, George R., assignor of one-half to R. Wallace, New Canton, Ill. Harvest wagon. 2,347,522; Apr. 25.

Stinson, Leon B., Oklahoma City, Okla., assignor to Hughes Tool Company, Houston, Tex. Pipe and tool joint connection. 2,341,670; Feb. 15.

Stiteler, Charles D., Gothenburg, Nebr. Pipe wrench. 2,350,259; May 30.

Stiteler, Charles H., Naugatuck, Conn., assignor to United States Rubber Company, New York, N. Y. 2-mercapto dihydro pyrimidine derivatives. 2,356,710; Aug. 22.

Stivers, Norman J., Tucson, Ariz. Toy. 2,360,593; Oct. 17.

Stober, Kenneth E. (See Amos, J. L., Boundy, and Stober.)

Stockbarger, Donald C., Belmont, and J. L. Jones, North Billerica, assignors to Stockton Profile Gauge Corporation, Lowell, Mass. Web alignment detector. 2,339,204; Jan. 11.

Stockdale, Harry C., Reveana, Ohio., assignor to Food Machinery Corporation, San Jose, Calif. Spray gun. 2,362,946; Nov. 14.

Stockdale, James F., Sandusky, Ohio. Photographic roll film adapter for plate and film pack cameras. 2,356,284; Aug. 22.

Stocker, Cleaman P., et al. (See Huge, Henry M., assignor.)

Stocker, Cleaman P., Lorain, Ohio, assignor of one-half to E. M. Heavens. Rectifying arrangement. 2,364,558; Dec. 5.

Stocklin, Paul. (See Mitchel, C. L., and Stocklin.)

Stockstrom, Arthur, assignor to American Stove Company, St. Louis, Mo. Thermoresponsive device. 2,363,451; Nov. 21.

Stockstrom, Arthur, and G. P. Eichelsbach, Jr., assignors to American Stove Company, St. Louis, Mo. Combination coal and gas range with automatic oven heat control. 2,353,278; July 11.

Stockton Profile Gauge Corporation. (See Jones, John L., assignor.)

Stockton Profile Gauge Corporation. (See Jones, J. L., and Farmer, assignors.)

Stockton Profile Gauge Corporation. (See Stockbarger, D. C., and Jones, assignors.)

Stoddard, Albert D., assignor to Halliburton Oil Well Cementing Company, Duncan, Okla. Cementing and floating equipment for well casing. 2,352,744; July 4.

Stoddard, Robert J., assignor to American Hoist & Derrick Company, St. Paul, Minn. Truck. 2,359,258; Sept. 26.

Stoddard, Robert J., assignor to American Hoist & Derrick Company, St. Paul, Minn. Truck. 2,359,259; Sept. 26.

Stoeckicht, Will. (See Freitag, R., and Stoeckicht.)

Stoesser, Wesley C., assignor to The Dow Chemical Company, Midland, Mich. Separation of phenol from salicylaldehyde. 2,344,791; Mar. 21.

Stoesser, Wesley C., and A. H. Widiger, Jr., assignors to The Dow Chemical Company, Midland, Mich. Preparation of triaryl phosphates. 2,358,133; Sept. 12.

Stoetzl, Ralph E., and A. C. Thompson, Madera, Calif. Hay handling apparatus. 2,349,386; May 23.

Stoewsser, Fritz, Ludwighafen-on-the-Rhine, and F. Becke, Mannheim, Germany; vested in the Alien Property Custodian. Catalytic reactions with carbonaceous materials. 2,347,231; Apr. 25.

Stoffel, Lester L., and A. A. Stark, assignors to The Ohio Carbon Company, Cleveland, Ohio. Resistor for spark plugs. 2,353,199; July 11.

Stoffel, Lester L., Lakewood, and A. A. Stark, assignors to the Ohio Carbon Company, Cleveland, Ohio. Resistor for spark plugs. 2,353,322; July 11.

Stoffel Seals Company. (See Stelzer, William, assignor.)

Stohlman, William D., St. Louis, Mo., and T. H. Ashton, Omaha, Nebr., assignors to Bemis Bro. Bag Company, St. Louis, Mo. Bag. 2,349,206; May 16.

Stoker, Paul P., Joliet, Ill., assignor to The Union Switch and Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,364,926; Dec. 12.

Stokes, F. J., Machine Company. (See Flosdorf, E. W., and Stokes, assignors.)

Stokes, F. J., Machine Company. (See Strauss, William, assignor.)

Stokes, Francis J. (See Flosdorf, E. W., and Stokes.)

Stokes, John C., assignor to Reed Roller Bit Company, Houston, Tex. Pressure coring apparatus. 2,343,032; Feb. 29.

Stokes, John S., Huntingdon Valley, assignor to Stokes and Smith Company, Philadelphia, Pa. Box wrapping system. 2,352,665; July 4.

Stokes, John S., Huntingdon Valley, Pa. Registering device in the manufacture of paper boxes. 2,362,165; Nov. 7.

Stokes, Joseph T., Atlantic City, N. J. Eel knife. 2,364,250; Dec. 5.

Stokes, Philip H., Stratford-on-Avon, assignor to H. M. Hobson (Aircraft & Motors) Components Limited, Bridgewater, Somerset, England. Exhaust-driven turbo supercharger for internal-combustion engines. 2,355,709; Aug. 15.

Stokes & Smith Company. (See Sonnebern, J. R., and Lange, assignors.)

Stokes and Smith Company. (See Stokes, John S., assignor.)

Stokoe, Charles L., Wallsend-on-Tyne, England. Fluid-flow meter and the like. 2,359,592; Oct. 3.

Stolberg, Emil C. (See Evans, Morris E., and Stolberg.)

Stoll, Arthur, W. Knussmaul, and B. Becker, Basel, assignors to Sandos Ltd., Fribourg, Switzerland. Active glucosides of senna and their preparation. 2,350,295; May 30.

Stoll, Arthur, and A. Hofmann, Basel, assignors to Sandos Ltd., Fribourg, Switzerland. Hydrazides of dihydro lysergic acid and dihydro isolysergic acid and their manufacture. 2,350,658; Oct. 3.

Stoll, Berry V., Louisville, Ky. Gasoline filtering process. 2,338,142; Jan. 4.

Stoll, Henry C., Jackson Heights, N. Y. Angle plate for lathes. 2,357,062; Aug. 29.

Stoll, Willy. (See Grun, A., and Stoll.)

Stoller, Michael G., Paulding, Ohio. Signal controlling fusee. 2,340,285; Feb. 1.

Stolp, Samuel S., assignor to Cheatham Electric Switching Device Co., Incorporated, Louisville, Ky. Vehicular actuated switch. 2,361,258; Oct. 24.

Stoltz, Charles E., assignor to Goodman Manufacturing Company, Chicago, Ill. Cutting or drilling device. 2,344,065; Mar. 14.

Stoltz, Charles E., assignor to Goodman Manufacturing Company, Chicago, Ill. Cutter chain. 2,344,750; Mar. 21.

Stoltz, Charles E., assignor to Goodman Manufacturing Company, Chicago, Ill. Cutter chain and bits. 2,354,781; Aug. 1.

Stoltz, Edgar J., assignor of one-half to J. H. Kinkaid, Los Angeles, Calif. Arm weapon. 2,352,921; July 4.

Stoltz, Glenn E., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control system. 2,342,767; Feb. 29.

Stoesser, Sylvia M. (See Hooker, G. W., Stowe, and Stoesser.)

Stömmer, Franz X. (See Deckel, H. C., Maurer, and stömmer.)

Stone, Abraham, Brooklyn, N. Y. Collapsible clothing container. 2,360,451; Oct. 17.

Stone, Abraham, Brooklyn, N. Y. Knockdown utility cabinet. 2,360,452; Oct. 17.

Stone, Blair H., Pekin, assignor to Dearborn Chemical Company, Chicago, Ill. Water sampling device. 2,357,981; Sept. 12.

Stone, Carl R., assignor to Crane Co., Chicago, Ill. Valve. 2,355,017; Aug. 1.

Stone, Carlton, Duncan, British Columbia, Canada. Drying apparatus. 2,358,423; Sept. 19.

Stone, Cedric A., and G. M. Trostel, Canton, N. C., assignors to Combustion Engineering Company, Inc., New York, N. Y. Recovery of chemical from the waste heat boiler system of chemical recovery units. 2,340,154; Jan. 25.

Stone, Charles, Brooklyn, N. Y. Girdle. 2,363,368; Nov. 21.

Stone, Courtney L. (See Jackson, J. O., and Stone.)

Stone, Estella E., et al., executrices. (See Stone, R. Harry.)

Stone, Estelle, et al., executrices. (See Stone, R. Harry.)

Stone, Fred B., Haddon Heights, N. J., assignors to Radio Corporation of America. Frequency modulation signal detector system. 2,341,454; Feb. 8.

Stone, Fred B., Haddon Heights, N. J., assignor to Radio Corporation of America. Frequency modulation detecter circuit. 2,361,664; Oct. 31.

Stone, George A., Columbus, Ohio. Method of and apparatus for treating cloth. 2,344,161; Mar. 14.

Stone, George F., Nutley, assignor to Royal Crown Bottling Company of Newark, Inc., Newark, N. J. Apparatus for reclaiming crown caps. 2,363,815; Nov. 28.

Stone, J. Austin, et al. (See McNall, Robert J. assignor.)

Stone, J., Company Limited. (See Hatcher, Ernest C., assignor.)

Stone, J., & Company Limited. (See Nixon, Leslie R., assignor.)

Stone, John B., Tulsa, Okla., assignor to The Dow Chemical Company, Midland, Mich. Preventing fluid loss from well holes into the surrounding earth. 2,353,372; July 11.

Stone, John T., and W. J. Schuerholz, Jr., Baltimore, Md. Oil burner. 2,356,015; Aug. 15.

Stone, Morris D., W. W. McBane, and J. I. Greenberger, assignors to United Engineering & Foundry Company, Pittsburgh, Pa. Strip tension measuring device. 2,343,229; Feb. 29.

Stone, Nathaniel B., Washington, D. C. Doorknob. 2,344,376; Mar. 14.

Stone, Nathaniel B., Washington, D. C. Tire retaining ring. 2,361,330; Oct. 24.

Stone, Newton C., assignor to California Institute Research Foundation, Pasadena, Calif. Determining the breaking time of strates and fog. 2,360,062; Oct. 10.

Stone, Norman G., Canton, and S. W. Hoffday, Greentown, Ohio, assignors to The Decar Chemical Products Company, Pittsburgh, Pa. Regenerating zeolites. 2,351,160; June 13.

Stone, R. Harry, deceased, by E. E. Stone, Middlesex, N. J., and E. Stone, Rochester, N. Y., executrices, assignors to Titeflex, Inc. Radio shielded engine ignition. 2,342,765; Feb. 29.

Stone, Richard C., Brooklyn, N. Y. Convertible furniture set. 2,366,848; Dec. 26.

Stone, Robert L. (See Greaves-Walker, A. F., and Stone.)

Stone, Robert L. (See Thompson, L., and Stone.)

Stone, Roy A. (See North, E. W., and Stone.)

Stone, Samuel M., River Forest, and C. S. Bates, Chicago, assignors, by mesne assignments, of seven-eighths to Stone Wheel Inc., and one-eighth to C. S. Bates, Chicago, Ill. Level winder. 2,340,436; Feb. 1.

Stone, Sol, Brooklyn, N. Y. Garment protector. 2,361,799; Oct. 31.

Stone, Vivien L., Omaha, Nebr. Fuel saver for internal combustion engines. 2,353,524; July 11.

Stone, Walter N., Glastonbury, assignor to United Aircraft Corporation, East Hartford, Conn. Scale. 2,353,974; July 18.

Stone Wheel Inc. (See Stone, S. M., and Bates, assignors.)

Stone, William J., Washington, D. C., assignor to Pacific Manifolding Book Company, Inc., Emeryville, Calif. Manifolding assembly. 2,353,134; June 20.

Stonebraker, Lyndon G., assignor to Liquilock, Inc., New York, N. Y. Tamperproof container device. 2,342,434; Feb. 22.

Stoneman, Alan C., Los Angeles, Calif. Making activated carbon. 2,354,713; Aug. 1.

Stoner, Arthur M., West Hartford, assignor to The Jacobs Manufacturing Company, Hartford, Conn. Collet. 2,346,706; Apr. 18.

Stoner, Arthur M., West Hartford, assignor to The Jacobs Manufacturing Company, Hartford, Conn. Collet. 2,346,707; Apr. 18.

Stoner, Arthur M., West Hartford, assignor to The Jacobs Manufacturing Company, Hartford, Conn. Keyless chuck. 2,354,226; July 25.

Stoner, Arthur M., West Hartford, assignor to The Jacobs Manufacturing Company, Hartford, Conn. Double acting chuck. 2,360,007; Oct. 24.

Stoner, Arthur M., West Hartford, assignor to The Jacobs Manufacturing Company, Hartford, Conn. Collet chuck. 2,360,008; Oct. 24.

Stoner, Oscar E., Tulsa, Okla. Apparatus for measuring density of circulating fluid. 2,338,625; Jan. 11.

Stoner, Thomas A., Beloit, Wis., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,340,437; Feb. 1.

Stoner, Thomas A., Beloit, Wis., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,342,908; Feb. 29.

Stong, Karl K., Whitefish Bay, assignor to Allen-Bradley Company, Milwaukee, Wis. Residually maintained direct current electromagnet. 2,344,664; Mar. 21.

Stoody Company. (See Stoody, S. M., and Abos, assignors.)

Stoody, Shelley M., and R. L. Abos, assignors to Stoody Company, Whittier, Calif. Mold for centrifugal casting. 2,351,720; June 20.

Stop-Motion Devices Corp. (See Tellerman, Nathan J., assignor.)

Stop-Motion Devices Corp. (See Vossen, Edward, assignor.)

Stop-Motion Devices Corp. (See Vossen, E., and Tellerman, assignors.)

Stoppel, Leonard A., Alexandria, Minn. Combined weed guard and trolling plate for outboard motors. 2,362,323; Nov. 7.

Storatz, Gottfried J. (See French, H. C., and Storatz.)

Storch, Harold A., Birmingham, Mich., assignor to Harris Products Company, Cleveland, Ohio. Vibration dampener. 2,353,943; July 18.

Storch, Harold A., Fairview Village, assignor to Harris Products Company, Cleveland, Ohio. Vibration dampener. 2,353,944; July 18.

Storch, Harold A., Fairview Village, assignor to Harris Products Company, Cleveland, Ohio. Vibration dampener. 2,353,945; July 18.

Storch, Max H., assignor to H. E. Darr, Bell Harbor, N. Y. Frame for handbags. 2,365,659; Dec. 19.

Storer, Richard M., Denver, Colo. Soap chip dispenser. 2,349,017; May 16.

Storer, Richard M., Denver, Colo. Ice-producing mechanism. 2,354,559; Dec. 5.

Storer, Richard M., Denver, Colo., assignor to General Motors Corporation, Dayton, Ohio. Apparatus for harvesting ice. 2,351,303; June 13.

Storey, Alonzo B., Jr., Glendale, and J. C. Duffendack, Jr., North Hollywood, assignors to Lockheed Aircraft Corporation, Burbank, Calif. Tank filler unit. 2,340,286; Feb. 1.

Storey, Daniel H., Wausau, Wis. Winding reel. 2,341,957; Feb. 15.

Storey, Everett, Chicago, Ill. Game. 2,355,118; Aug. 8.

Storkline Furniture Corporation. (See Feldman, Abraham G., assignor.)

Storm, Herbert F., assignor to Chicago Flexible Shaft Company Chicago, Ill. Frequency multiplier. 2,349,067; May 16.

Stormont, Joseph E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Fractionator control. 2,340,026; Jan. 25.

Storment, Joseph E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Apparatus for treating hydrocarbons. 2,342,360; Feb. 22.

Stormer, John. (See Nawoj, E. J., and Stormer.)

Storrie, William, Rumford, R. I., assignor to Apco Mossberg Company. Torque measuring tool. 2,348,098; May 2.

Storrs, Arnold B., Torrington, Conn., assignor to American Seal-Kap Corporation of Delaware, Wilmington, Del. Preparing soft curd milk. 2,353,946; July 18.

Storrs, Kindred L., assignor to The Coal Logs Co. Inc., Salt Lake City, Utah. Manufacture of smokeless fuel. 2,349,387; May 23.

Story, Antbonie, Amsterdam, Netherlands; vested in the Alien Property Custodian. Resilient seat or back. 2,347,017; Apr. 25.

Story, Edward B., Bethel Township, Allegheny County, assignor to A. M. Byers Company, Pittsburgh, Pa. Manufacture of wrought iron. 2,339,821; Jan. 25.

Story, Ernst J., Cincinnati, Ohio. Article of footwear. 2,340,027; Jan. 25.

Story, Le Roy G., Chicago, Ill., assignor to The Texas Company, New York, N. Y. Manufacture of motor fuels. 2,355,339; Aug. 8.

Story, Walter F. Jr. (See Williams, G. T., and Story.)

Storz, Otto, assignor to McGill Manufacturing Company, Valparaiso, Ind. Plowing device. 2,364,878; Dec. 12.

Storz, Otto, assignor to McGill Manufacturing Company, Valparaiso, Ind. Antifriction bearings. 2,365,154; Dec. 19.

Stossel, Ernest, and E. Zerner, New York, N. Y. Composition of matter and producing chlorine dioxide. 2,338,268; Jan. 4.

Stotenbur, Ralph H., Pittsfield, Mass., assignor to General Electric Company. Reclosing circuit-interrupting device. 2,348,034; May 2.

Stotka, Louis, Baldwin, Wis., assignor of two-thirds to A. M. Hendrickson and R. R. Strother, St. Paul, Minn. Tool for removing railway ties. 2,341,578; Feb. 15.

Stouffer, Henry C. (See Elkin, T. W., Jr., and Stouffer.)

Stouges, Anthony J., Queens Village, N. Y., assignor to Mergenthaler Linotype Company. Electric snap switch. 2,361,712; Oct. 31.

Stoughton, John L., and W. S. Landon, assignors to Detroit Lubricator Company, Detroit, Mich. Controlling means. 2,364,591; Dec. 5.

Stoughton, Roger W., assignor to Mallinckrodt Chemical Works, St. Louis, Mo. Derivatives of 2,4-oxazolidinedione. 2,349,313; May 23.

Stoughton, Roger W., Ferguson, assignor to Mallinckrodt Chemical Works, St. Louis, Mo. Derivatives of 2,4-oxazolidinedione. 2,349,795; May 23.

Stoughton, Roger W., Ferguson, assignor to Mallinckrodt Chemical Works, St. Louis, Mo. Derivatives of 2,4-oxazolidinedione. 2,349,796; May 23.

Stout, Edward E. (See Weydell, Jarl M., assignor.)

Stout, Frederick S., Cynwyd, Pa., W. G. Bond, Holly Oak, Del., and L. A. Ladner, Camden, N. J., assignors to F. F. Slocomb Corporation, Wilmington, Del. Hide planimeter. 2,360,594; Oct. 17.

Stout Houses, Incorporated. (See Hancock, Alfred, assignor.)

Stout, Raymond G., Wilkes-Barre, Pa. Firearm. 2,361,510; Oct. 31.

Stout, Raymond K. (See Crane, C. J., and Stout.)

Stout, Raymond K. (See Holloman, G. V., and Stout.)

Stout, Raymond K. (See Paulus, C. L., and Stout.)

Stout, Raymond K., Dayton, Ohio. Wind simulator device for ground trainers. 2,355,685; Aug. 15.

Stout, William H., Portland, Oreg. Back-up bar. 2,365,226; Dec. 19.

Stovall, Henry P., Lake Charles, La. Shoe clamp. 2,357,915; Sept. 12.

Stover, Clyde N., Towson, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Clamping device. 2,345,436; Mar. 28.

Stover, Clyde N., Towson, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Covered electrical conductor. 2,355,018; Aug. 1.

Stover, Clyde N., Towson, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Method of and apparatus for making a knitted covering or coverings on a strand. 2,355,019; Aug. 1.

Stover, Clyde N., Towson, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Method of and apparatus for making fabric covered cores. 2,364,560; Dec. 5.

Stover, Clyde N., Towson, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Covered core. 2,364,561; Dec. 5.

Stover, Harry E., Leonia, N. J., assignor to Anchor-Hocking Glass Corporation, Lancaster, Ohio. Apparatus for sealing containers. 2,341,126; Feb. 8.

Stover, Harry E., Connellsville, Pa., assignor to Anchor Hocking Glass Corporation, Lancaster, Ohio. Apparatus for sealing containers. 2,346,118; Apr. 4.

Stover, Harry E., Long Island City, N. Y., assignor to Anchor Hocking Glass Corporation, Lancaster, Ohio. Apparatus for sealing containers. 2,355,478; Aug. 8.

Stover, Harry E., Connellsville, Pa., assignor to Anchor Hocking Glass Corporation, Lancaster, Ohio. Capfeeding apparatus. 2,355,479; Aug. 8.

Stover, Harry E., Connellsville, Pa., assignor to Anchor Hocking Glass Corporation, Lancaster, Ohio. Apparatus for sealing containers. 2,355,480; Aug. 8.

Stover, Harry E., Connellsville, Pa., assignor to Anchor Hocking Glass Corporation, Lancaster, Ohio. Capfeeding apparatus. 2,355,481; Aug. 8.

Stover, Harry E., assignor to Anchor Hocking Glass Corporation, Connellsville, Pa. Apparatus for sealing containers. 2,363,704; Nov. 28.

Stow Manufacturing Company. (See Eisenbeis, George G., assignor.)
Stow Manufacturing Company. (See Hotchkiss, Clarence E., Jr., assignor.)
Stow Manufacturing Company. (See Hotchkiss, C. F., Jr., and Eisenbeis, assignors.)
Stowe, George W., San Antonio, Tex. Minnow bucket. 2,341,246; Feb. 8.
Stowe, Stephen C. (See Hooker, G. W., Stowe, and Stoesser.)
Stowe, Vernon M., Collinsville, Ill., assignor to Aluminum Company of America, Pittsburgh, Pa. Production of aggregates of aluminum hydrate. 2,352,867; July 4.
Stowe, Vernon M., Petersburg, Va., assignor to The Solvay Process Company, New York, N. Y. Preparation of catalysts. 2,364,562; Dec. 5.
Stowe-Woodward, Inc. (See Shepard, Henry B., assignor.)
Stowell, Harold T., Westmoreland Hills, Md., assignor to St. Joseph Lead Company, New York, N. Y. Treating finely divided magnesium. 2,357,614; Sept. 5.
Stoye, Otto. (See Tibone, J. J., and Stoye.)
Strad, James. (See O'Brien, J. J., and Strad.)
Stradling, James G., Philadelphia, and L. F. Hance, Abington, Pa. Folding pocket text or work book and binder. 2,354,782; Aug. 1.
Strafford, Frederick R. W., assignor to A. C. Cossor Limited, London, England. Electrical apparatus. 2,365,118; Dec. 12.
Strain, Franklin, Akron, Ohio, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Resinous composition and preparation of the same. 2,349,768; May 23.
Strain, George H., Seaford, England. Apparatus for displacing pulverulent or broken material. 2,365,978; Dec. 26.
Strain, William H. (See Dickey, J. B., Strain, and Corbitt.)
Strain, William H., J. T. Platt, and S. L. Warren, assignors of one-half to Noned Corporation, and one-half to Eastman Kodak Company, Rochester, N. Y. Compounds for use in radiography. 2,348,231; May 9.
Straits, John F., Philadelphia, Pa., assignor to National Airoil Burner Company, Incorporated. Combustion chamber. 2,355,572; Aug. 8.
Straley, James M. (See Dickey, J. B., and Straley.)
Strand, Steen. (See Throp, J. R., and Strand.)
Strandberg, Joel G. (See Bronstien, E. L., and Strandberg.)
Strandberg, Maurits Oscar, Enskede, assignor to Pappercentralen i Stockholm A. B., Stockholm, Sweden. Packing sheets of paper. 2,356,362; Aug. 22.
Strandlund, Carl G., assignor to Deere & Company, Moline, Ill. Plow. 2,339,225; Jan. 11.
Strandlund, Carl G., assignor to Deere & Company, Moline, Ill. Plow. 2,340,495; Feb. 1.
Strandlund, Carl G., assignor to Deere & Company, Moline, Ill. Lever. 2,345,015; Mar. 28.
Strandlund, Carl G., assignor to Deere & Company, Moline, Ill. Hitch device. 2,349,997; May 30.
Strandlund, Carl G., assignor to Deere & Company, Moline, Ill. Lever. 2,354,891; Aug. 1.
Strandlund, Carl G., assignor to Deere & Company, Moline, Ill. Power lift and depth control. 2,357,916; Sept. 12.
Strandlund, Carl G., assignor to Deere & Company, Moline, Ill. Clutch mechanism. 2,358,261; Sept. 12.
Strane, Wiley H., Oakland, Calif. Foot-operable attachment for valved wind instruments. 2,358,605; Sept. 19.
Strang, John M., and I. C. M. Bell, assignors to Barr & Stroud, Limited, Glasgow, Scotland. Mechanism for the conversion of motion according to one law into motion according to another law. 2,364,174; Dec. 5.
Strange, John P. (See Yant, W. P., and Strange.)
Strassberger, Lothar. (See Butenandt, A., and Strassberger.)
Strasser, Edward, Rockville Center, assignor to I. Stern & Co., Inc., New York, N. Y. Laminated solder-filled sheet metal. 2,354,409; July 25.
Strasser, Fred, assignor to Alexandre Clavel, Basel, Switzerland. Solder for aluminium work pieces. 2,364,402; Dec. 5.
Stratford, Charles W., assignor to Stratford Development Corporation, Kansas City, Mo. Fluid seal for rotating shafts. 2,362,436; Nov. 7.
Stratford Development Corporation. (See Stratford, Charles W., assignor.)
Stratford, William M., assignor, by mesne assignments, to The Texas Company, New York, N. Y. Production of distillate. 2,363,207; Nov. 21.
Stratton, Jerry L. (See Crever, F. E., and Stratton.)
Stratton, Leslie B., Quincy, Calif. Baby spoon. 2,338,980; Jan. 11.
Stratton, Frank E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Press. 2,355,119; Aug. 8.
Stratton, Jerry L., Schenectady, N. Y., assignor to General Electric Company. Electric valve control circuit. 2,352,231; June 27.
Stratton, Jerry L., Schenectady, N. Y., assignor to General Electric Company. Electric control circuit. 2,354,930; Aug. 1.
Stratton, Jerry L., Schenectady, N. Y., assignor to General Electric Company. Electrical regulator. 2,356,629; Aug. 22.
Straub, Harald, Dresden, Germany; vested in the Alien Property Custodian. Method and device for measuring the thickness of light transmitting layers. 2,338,981; Jan. 11.
Straub, Joseph C. A., Fort Wayne, Ind., assignor to International Harvester Company. Bearing. 2,344,275; Mar. 14.
Straubel, Albert F. (See Frank, J. C., Amos, and Straubel.)
Straumann, Reinhard, Waldenburg, near Basel, Switzerland. Compensating device for watch balances. 2,350,838; June 6.
Straus, Edwin G., assignor to Nalco Inc., New York, N. Y. Coating composition, coated article, and making same. 2,346,624; Apr. 11.
Straus, Frieda, Chicago, Ill. Collapsible cradle blotter. 2,352,034; June 20.
Straus, Harry H., Asheville, N. C., assignor to Champagne Paper Corporation. Cigarette paper booklet. 2,351,643; June 20.
Straus, Lois K., Great Neck, N. Y., assignor to The Shaw-Walker Company, Muskegon, Mich. Pay roll board. 2,338,553; Jan. 4.
Strauss, Albert A., Pittsburgh, Pa. Hat. 2,342,501; Feb. 22.
Strauss, Alfred, Chicago, Ill., assignor to A. F. Dormeyer Mfg. Co. Food mixer. 2,352,232; June 27.
Strauss, Louis B., Manhattan Beach, N. Y. Making cloth or garments. 2,366,070; Dec. 26.
Strauss, Luke J., Snyder, and R. E. Rousseau, Orchard Park Township, Erie County, N. Y. Washing machine. 2,342,435; Feb. 22.
Strauss, William, Philadelphia, Pa., assignor to F. J. Stokes Machine Company. Operation check for molding machines. 2,350,319; May 30.
Strauss, William, Philadelphia, Pa., assignor to F. J. Stokes Machine Company. Feed device for powdered material. 2,352,809; July 4.
Strauss, William, Philadelphia, Pa., assignor to F. J. Stokes Machine Company. Loading device for molding presses. 2,365,849; Dec. 26.
Straw, Harry H. (See Lovell, S. P., and Straw.)
Strawn, Lynn R., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Oxidation-stable grease composition. 2,340,488; Feb. 1.
Strayer, Arthur C., Beaver, Pa. Filing cabinet. 2,341,886; Feb. 15.
Streator Mfg. Co. (See Pope, David M., assignor.)
Strecker, Charles E., Arlington, assignor to Encor Corporation, Belleville, N. J. Swing gate valve. 2,356,630; Aug. 22.
Street, Donald T., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Optical apparatus. 2,365,361; Dec. 19.
Street, Edward T., assignor to Downingtown Manufacturing Company, Downington, Pa. Suction roll. 2,338,465; Jan. 4.
Street, Edward T., assignor to Downingtown Manufacturing Company, Downingtown, Pa. Apparatus for washing pulp. 2,356,285; Aug. 22.
Streeter-Amet Company. (See Busquin, Olin H., assignor.)
Streeter-Amet Company. (See Wiley, George G., assignor.)
Streeter, Leo R., Los Angeles, Calif. Sound film apparatus. 2,349,122; May 16.
Strehlow, Walter F., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Wheel mounting. 2,346,950; Apr. 18.
Streid, Dale D., West Lynn, Mass., assignor to General Electric Company. Pressure cabin control arrangement. 2,358,835; Sept. 26.
Streid, Dale D., West Lynn, Mass., assignor to General Electric Company. Gas turbine and the like. 2,362,509; Nov. 14.
Streit, Aron, Inc. (See Streit, Irving, assignor.)
Streit, Irving, New York, N. Y., assignor to Aron Streit, Inc. Baking oven. 2,352,135; June 20.
Streng, Jan, Mason, N. H., assignor to Remington Rand Inc., Buffalo, N. Y. Carrying case for typewriters. 2,350,260; May 30.
Strenger, Benjamin, and D. Herdan, Philadelphia, Pa. Garment. 2,340,626; Feb. 1.
Striar, Max B., et al. (See Ford, Frank J., assignor.)
Stribling, John B., Rotan, Tex. Keratitic medicament. 2,364,563; Dec. 5.
Strickdorn, Kurt, Dessau-Rosslau, Germany; vested in the Alien Property Custodian. Luster-imparting surface coating compositions. 2,342,520; Feb. 22.
Strickland, Barney R., Roselle, N. J., assignor to Standard Oil Development Company. Refining of mineral oils. 2,339,889; Jan. 25.
Strickland, Harold A., Jr., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Welding tool. 2,349,835; May 30.
Strickland, Harold A., Jr., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Method and apparatus for heating thermoplastics. 2,354,714; Aug. 1.
Strickland, Harold A., Jr., Detroit, Mich, assignor to Budd Wheel Company, Philadelphia, Pa. Electric furnace machine. 2,365,021; Dec. 12.
Strickland, Randolph L., and H. Zemon, assignors to Detroit Aluminum and Brass Corp., Detroit, Mich. Apparatus for electroplating. 2,364,564; Dec. 5.

Strickler, John F., Jr. (See Barr, C., and Strickler.)
Striker, Hilda W. (See Eddy, Arnold, assignor.)
Stripling, Marcus M., Jr., Florence, Ala., assignor to Tennessee Valley Authority. Making sulphuric acid. 2,342,704; Feb. 29.
Stritter, Karl A., Nahant, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe welting and manufacturing the same. 2,339,524; Jan. 18.
Stritter, Karl A., Nahant, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe and shoemaking. 2,339,525; Jan. 18.
Stritter, Karl A., Nahant, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Manufacture of platform shoes. 2,339,726; Jan. 18.
Stritter, Karl A., Nahant, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Manufacture of insoles. 2,346,279; Apr. 11.
Stritter, Karl A., Nahant, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Safety shoe. 2,354,338; July 25.
Stritter, Karl A., Nahant, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Sewing machine. 2,359,803; Oct. 10.
Stritter, Karl A., Nahant, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Tread unit for shoes. 2,354,511; Oct. 31.
Strobel, Howard M., Allegany, N. Y. Inertia control system. 2,351,079; June 13.
Strobell, John D., New Haven, Conn., assignor to The Safety Car Heating and Lighting Company, Inc. Apparatus for ventilating railroad cars. 2,338,363; Jan. 4.
Stroben, George H., Detroit, Mich. Concrete form clamp. 2,340,439; Feb. 1.
Strobridge, William, Syracuse, assignor to United States Hoffman Machinery Corporation, New York, N. Y. Apparatus for drying. 2,363,467; Nov. 21.
Strode, Charles E., Osawatomie, Kans. Air brake system for railroad cars. 2,365,155; Dec. 19.
Stroh, Roy E., Brookline, assignor to The Turner and Harrison Steel Pen Manufacturing Company, Philadelphia, Pa. Ink well. 2,363,362; Nov. 21.
Strom, Albert P., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,363,370; Nov. 21.
Strom, Ernest, assignor to Vulcan Manufacturing Co., Inc., St. Paul, Minn. Jack structure. 2,359,060; Sept. 26.
Ström, Sven G., Ulvsunda, Sweden, assignor to American Heat Reclaiming Corporation, New York, N. Y. Spiral plate heat exchange structure. 2,360,739; Oct. 17.
Stromberg-Carlson Telephone Manufacturing Company, The. (See Bowser, Theron L., assignor.)
Stromberg-Carlson Telephone Manufacturing Company, The. (See Bowser, T. L., and Shaymaker, assignors.)
Stromberg-Carlson Telephone Manufacturing Company, The. (See Goldberg, H., Shaymaker, and Stewart, assignors.)
Stromberg-Carlson Telephone Manufacturing Company, The. (See Powell, Winfred T., assignor.)
Stromberg, Olof E. E., Chicago, Ill. Brake for trailers and the like. 2,362,324; Nov. 7.
Stromquist, Carl E., Griffith, Ind. Waste heat boiler. 2,358,358; Sept. 19.
Stromquist, Carl E., Griffith, Ind. Waste heat boiler. 2,366,306; Dec. 19.
Strong, Charles W., assignor to Strong Manufacturing Company, Portland, Oreg. Beverage dispensing apparatus. 2,345,840; Apr. 4.
Strong James H., Windsor, N. J. Suspension means for parachute carriers. 2,357,293; Sept. 5.
Strong, Jules Q., Ladue, assignor of fifty-five per cent to C. W. Mathiesen and fifteen per cent to P. H. Lamphere, Clayton, Mo. Shoe construction. 2,362,169; Nov. 7.
Strong Manufacturing Company. See Strong, Charles W., assignor.)
Strong, William E. S., assignor to John B. Pierce Foundation, New York, N. Y. Mold filling apparatus. 2,343,938; Mar. 14.
Strope, Alva L., assignor of one-half to D. Hannah, Wallace, Idaho. Knocked-down housing structure. 2,355,340; Aug. 8.
Stroschneider, Bush, Ashland, Ky. Door or gate closer. 2,343,817; Mar. 7.
Strother, Corneille O., and C. W. Patton, Pittsburgh, Pa., assignors to Carbide and Carbon Chemicals Corporation. Adhesive composition. 2,341,398; Feb. 8.
Strother, Ralph R., et al. (See Stotka, Louis, assignor.)
Strube, Harry L., Philadelphia, Pa., assignor to Link-Belt Company, Chicago, Ill. Resilient suspension for vibrating screens and the like. 2,350,201; May 30.
Strübig, Heinrich, Teltow, Germany; vested in the Alien Property Custodian. Producing television images. 2,351,689; June 20.
Strübig, Heinrich, Teltow, and W. Hass, Kleinmachnow, near Berlin, Germany; vested in the Alien Property Custodian. Luminescent material. 2,352,035; June 20.
Strubler, Gordon L., Corning, N. Y. Coating articles with glass. 2,356,016; Aug. 15.
Structural Patents Corporation. (See Lachman, Winnie S., assignor.)

Strunk, Kenith G., East Orange, and R. S. Barr, Denville, assignors to Breese Corporations, Inc., Newark, N. J. Coaxial coupling. 2,362,856; Nov. 14.
Struthers, George H., Flushing, N. Y., assignor to Sears, Roebuck and Co., Chicago, Ill. Woman's garment. 2,359,804; Oct. 10.
Struthers Wells-Titusville Corporation. (See Gasche, Fred, assignor.)
Strutt, Maximiliaan J. O. (See Knol, K. S., and Strutt.)
Strutt, Maximiliaan J. O., A. van der Ziel, and C. J. Bakker, Eindhoven, Netherlands; vested in the Alien Property Custodian. Circuit for the transmission of electrical oscillations. 2,352,956; July 4.
Stryker, Norman R., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Acoustic measurement. 2,356,478; Aug. 22.
Stuart, Alfred A., Jr., Hasbrouck Heights, assignor to Bendix Aviation Corporation, Bendix, N. J. Magnetic compass. 2,361,433; Oct. 31.
Stuart, Elizabeth R. B. (See Stuart, K., and (Wilson, assignor).)
Stuart, Elizabeth R. B., et al. (See Wilson, Allen B., assignor.)
Stuart, Elmer H., assignor to Eli Lilly and Company, Indianapolis, Ind. Making a nutrient material. 2,364,008; Nov. 28.
Stuart, G. A., et al. (See Bruen, George C., assignor.)
Stuart, Gilson W., Youngstown, Ohio. Combination bucket and shovel. 2,342,436; Feb. 22.
Stuart, Joseph, II, assignor to Hercules Powder Company, Wilmington, Del. Polishing apparatus. 2,349,207; May 16.
Stuart, Joseph, II, K. W. Jappe, and R. B. Smith, assignors to Hercules Powder Company, Wilmington, Del. Folding machine. 2,346,336; Apr. 11.
Stuart, Kenneth B., Denver, Colo., assignor to The Colorado Fuel and Iron Corporation. Active carbon production. 2,358,359; Sept. 19.
Stuart, Kimberly, et al. (See Wilson, Allen B., assignor.)
Stuart, Kimberly, Menasha, Wis., and A. B. Wilson, Evanston, Ill.; said Wilson assignor, by mesne assignments, to E. R. B. Stuart, Menasha, Wis. Container and making same. 2,359,335; Oct. 3.
Stuart, Leander S., Bethesda, Md., assignor to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and to his successors in office. Curing and preservation of animal and fish products. 2,349,836; May 30.
Stuart Products Company. (See Cohen, William B., assignor.)
Stuart, Robert W. (See Silverman, D., and Stuart.)
Stub, John, East Weymouth, Mass. Ship stabilizing and controlling mechanism. 2,346,337; Apr. 11.
Stubbs, Everard, assignor to The Fellows Gear Shaper Company, Springfield, Vt. Apparatus for locally hardening gears, shafts, etc. 2,364,565; Dec. 5.
Stuber, Walter J., assignor to Carey McFall Company, Philadelphia, Pa. Venetian blind tilt bar coupling member. 2,346,625; Apr. 11.
Stubnitz-Greene Spring Corporation. (See Caughey, John M., assignor.)
Stubnitz-Greene Spring Corporation. (See Stubnitz, Maurice, assignor.)
Stubnitz, Maurice, assignor to Stubnitz-Greene Spring Corporation, Adrian, Mich. Border frame for seat bottom springs. 2,359,451; Oct. 3.
Stucke, John, Philadelphia, Pa. Internal-combustion engine. 2,359,536; Oct. 3.
Stucker, Joseph B. (See Whittier, W. A., and Stucker.)
Stuckert, William P., Marblehead, and H. H. Snyder, Lynn, assignors, to Sylvania Electric Products Inc., Salem, Mass. Glass forming apparatus. 2,364,673; Dec. 12.
Studebaker Corporation, The. (See Delp, M. Z., and McCormick, assignors.)
Studebaker Corporation, The. (See Greenlee, Harry R., assignor.)
Studebaker Corporation, The. (See James, William S., assignor.)
Studebaker Corporation, The. (See Learmonth, William J., assignor.)
Studebaker Corporation, The. (See Onishi, G. E., and Schank, assignors.)
Studebaker Corporation, The. (See Patrick, G. C., and Greenlee, assignors.)
Studebaker Corporation, The. (See Rerick, A. H., and Rausch, assignors.)
Studebaker Corporation, The. (See Wagner, Edward F., assignor.)
Studebaker Corporation, The. (See White, Eber B., assignor.)
Stueland, Harold M., assignor to Deere & Company, East Moline, Ill. Hoist control mechanism. 2,342,308; Feb. 22.
Stueland, Harold M., East Moline, assignor to Deere & Company, Moline, Ill. Retractable spud support. 2,350,701; June 6.
Stuellein, William H. (See May, J. W., and Steullein.)
Stuer, Joseph, Lawrence, Mass. Bobbin transfer mechanism for looms with stationary magazines. 2,353,323; July 11.
Stuer, Joseph, Lawrence, Mass. Warp stop motion knock off device. 2,355,609; Aug. 15.

Stuer, Joseph, Lawrence, Mass. Magazine loom with feeler at the front of the magazine. 2,365,362; Dec. 19.
Stufft, Paul C. (See Athy, L. C., and Stufft.)
Stuhlfauth, George, Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Metal-forming apparatus. 2,353,857; July 18.
Stuhlfauth, George, Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Machining apparatus. 2,357,615; Sept. 5.
Stuhlfauth, George, Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Machining apparatus. 2,357,616; Sept. 5.
Stuhlman, Frank A. (See Berg, L. B., and Stuhlman.)
Stukart, Hendrik, assignor to U. S. Slicing Machine Company, La Porte, Ind. Meat tendering machine. 2,339,890; Jan. 25.
Stulen, Foster B., and L. W. Stevenson, Beaver, Pa., assignors to Curtiss-Wright Corporation. Breech mechanism for propeller blades. 2,350,541; June 6.
Stull, Ashworth N., Newark, and W. L. Abramowitz, Lakewood, assignors to National Oil Products Company, Harrison, N. J. Resin emulsions. 2,357,917; Sept. 12.
Stupakoff Ceramic & Manufacturing Company. (See Stupakoff, S. H., and Stark, assignors.)
Stupakoff, Semon H., Latrobe, and R. E. Stark, Greensburg, assignors to Stupakoff Ceramic & Manufacturing Company, Latrobe, Pa. Extruding press. 2,364,566; Dec. 5.
Stupecky, Ladimir F., Manitowoc, Wis. Carburetor. 2,340,711; Apr. 18.
Sturdy, John, Pittsburgh, Pa., assignor to Carnegie-Illinois Steel Corporation. Drive for sheet pack lifters. 2,360,740; Oct. 17.
Sturdy Tool and Engineering Company. (See Robison, Leroy C., assignor.)
Sturgeon, John F., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 2,344,350; Mar. 14.
Sturges, Edward B., assignor to Bendix Aviation Corporation, South Bend, Ind. Steering drive axle. 2,349,388; May 23.
Sturges, Edward B., assignor to Bendix Aviation Corporation, South Bend, Ind. Universal joint. 2,361,135; Oct. 24.
Sturgess, Inc. (See Cade, John W., assignor.)
Sturgis, Bernard M. (See Williams, L., Sturgis, and Verbanc.)
Sturken, Harriet. (See Sturken, Oswald, C. H., assignor.)
Sturken Harriet, et al. (See Sturken, Oswald C. H., assignor.)
Sturken, Oswald C. H., assignor of fifty per cent to H. Sturken, Closter, N. J. and fifty per cent to S. L. Reich, Forest Hills, L. I., N. Y. Producing protein plastics by cold moulding. 2,348,761; May 16.
Sturken, Oswald C. H., assignor of fifty per cent to H. Sturken, Closter, N. J., and fifty per cent to S. L. Reich, Forest Hills, Long Island, N. Y. Producing artificial fibers from proteins. 2,361,713; Oct. 31.
Sturm, Erwin, Boll, near Goppingen, Germany; vested in the Alien Property Custodian. Rope drum with regulable hydraulic drive, especially for lifts. 2,344,115; Mar. 14.
Sturm, Frederick W. (See Jauch, E. J., and Sturm.)
Sturm, Milton, & Company. (See Burlin, Leslie H., assignor.)
Sturm, Milton J. (See Burlin, Leslie H., assignor.)
Sturtevant, Antoinette, Forest Park, Ill. Cleaner for soldering irons. 2,365,022; Dec. 12.
Sturtevant, B. F., Company. (See Blanchard, C. E., and Ferre, assignors.)
Sturtevant, B. F., Company. (See Cassie, John, assignor.)
Sturtevant, B. F., Company. (See Chirgwin, Frederick H., assignor.)
Sturtevant, B. F., Company. (See Ferre, A. W., and Blanchard, assignors.)
Sturtevant, B. F., Company. (See Hagen, Harold F., assignor.)
Sturtevant, B. F., Company. (See Hagen, H. F., and Palmer, assignors.)
Sturtevant, B. F., Company. (See Hanson, Milton E., assignor.)
Sturtevant, B. F., Company. (See Jackson, William, assignor.)
Sturtevant, B. F., Company. (See Keep, Charles R., assignor.)
Sturtevant, B. F., Company. (See Keep, C. R., and Ferre, assignors.)
Sturtevant, B. F., Company. (See Marlow, James C., assignor.)
Sturtevant, B. F., Company. (See McDonald, John E., assignor.)
Sturtevant, B. F., Company. (See Palmer, Robert T., assignor.)
Sturtevant, B. F., Company. (See Young, George H., assignor.)
Sturtevant, Harold V., Norristown, Pa. Stoker. 2,345,762; May 16.
Sturtevant Mill Company. (See Thompson, Richard C., assignor.)
Sturtevant, Paul A., Addison, Ill. Spring testing device. 2,340,277; Jan. 25.
Stutsinger, Charles, assignor to K & P Fancy Stitching Machine Co., Inc., New York, N. Y. Sewing machine. 2,354,783; Aug. 1.
Stuttaman, Paul W., Waltham, assignor to Raytheon Manufacturing Company, Newton, Mass. Emissive filament and making. 2,362,510; Nov. 14.
Stutter, Clinton, Maspeth, N. Y. Hydraulic jack. 2,356 899; Aug. 29.
Styll, Harry H. (See Bennett, A. H., Estey, and Styll.)
Suares, Murrill A., Birmingham, Ala. Self-releasing safety hook. 2,340,906; Feb. 8.
Subin, Benjamin, Abington Township, Montgomery County, assignor to Hosiery Patents Inc., Lansdale, Pa. Yarn guide device. 2,347,901; May 2.
Subkow, Philip, Los Angeles, and L. Dillon, San Gabriel, Calif.; said Dillon assignor to said Subkow. Geometrical determination of dip and strike of cored strata. 2,357,617; Sept. 5.
Submarine Signal Company. (See Anderson, Albert E., assignor.)
Submarine Signal Company. (See Benioff, Hugo, assignor.)
Submarine Signal Company. (See Grabau, William C., assignor.)
Submarine Signal Company. (See Turner, Edwin E., Jr., assignor.)
Submarine Signal Company. (See Williams, Robert L., assignor.)
Subscriber Corporation, The. (See Thompson, L., and Stone, assignors.)
Sucetti, Glenn, Los Angeles, Calif., assignor to Universal Zonolite Insulation Co. Chicago, Ill. Light-weight composition and its production. 2,354,156; July 18.
Suchann, Alfred, Vienna, Germany; vested in the Alien Property Custodian. Device for manufacturing pressed articles. 2,342,769; Feb. 29.
Sudduth, Henry N., Watertown, N. Y., assignor to The New York Air Brake Company. Air brake. 2,363,624; Nov. 28.
Sudduth, Henry N., Watertown, N. Y., assignor to The New York Air Brake Company. Air brake. 2,364,927; Dec. 12.
Sudduth, Jarrette A., and D. B. Lay, assignors to St. Joe Paper Company, Port St. Joe, Fla. Conveyer chain link. 2,349,208; May 16.
Suderov, Max, assignor to Patented Diamond, Inc., New York, N. Y. Brilliant type diamond and cutting the same. 2,364,031; Nov. 28.
Sudholz, Louis H., Brooklyn, and J. C. Dean, Douglaston, assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Slushing compositions. 2,359,946; Oct. 10.
Sudlow, Fred E. (See Holsclaw, Neil A., assignor.)
Sudman, Charles F., assignor to Wingfoot Corporation, Akron, Ohio. Sponge rubber mold. 2,340,278; Jan. 25.
Suelflow, Alfred G., Milwaukee, Wis. Vegetable bunch tying machine. 2,354,410; July 25.
Suerken, Maxwell C., assignor to Lamac Process Company, Erie, Pa. Shoe sole pressing machine. 2,360,083; Oct. 10.
Suess, Edward J., Chicago, Ill. Holder for coin and bills. 2,358,262; Sept. 12.
Sugarman, Mendel, Malden, Mass. Slip cover for furniture. 2,363,271; Nov. 21.
Suhr, Henry B. (See Black, L. G., Fitch, and Suhr.)
Sulter, George E., assignor of fifty per cent to All-State Equipment Co., Incorporated, Logan, W. Va. Mining machine. 2,345,303; Mar. 28.
Suits, Chauncey G., Schenectady, N. Y., assignor to General Electric Company. Toaster. 2,341,341; Feb. 8.
Suits, Chauncey G., Schenectady, N. Y., assignor to General Electric Company. Carrying out electrothermic reactions. 2,353,770; July 18.
Suits, Chauncey G., Schenectady, N. Y., assignor to General Electric Company. Electric circuit breaker. 2,355,482; Aug. 8.
Sukodorf, Alfred, Schenectady, N. Y., assignor to General Electric Company. Remote control and indicating system. 2,347,523; Apr. 25.
Sukumlyn, Thomas W., Los Angeles, Calif. Optical unit. 2,341,827; Feb. 15.
Sullins, Howard H., assignor to General Motors Corporation, Detroit, Mich. Electrical equipment. 2,354,339; July 25.
Sullivan, Edward. (See Baker, G. S., and Sullivan.)
Sullivan, Edward, and G. S. Baker, Fostoria, Ohio. Portable cot. 2,360,453; Oct. 17.
Sullivan, Frank A., assignor to Tri-Homo Corporation, Salem, Mass. Dispersion mill. 2,362,035; Nov. 7.
Sullivan, George R., Cleveland, Ohio, assignor to Addressograph-Multigraph Corporation, Wilmington, Del. Printing device. 2,363,096; Nov. 21.
Sullivan, Harry G., DeLand, Fla. Stenotype copyholder. 2,344,655; Mar. 21.
Sullivan, James J., North Sacramento, Calif. Rivet set or snap. 2,358,885; Sept. 26.
Sullivan Machinery Company. (See Baldwin, C. P., and Vanderzee, assignors.)
Sullivan Machinery Company. (See Curtis, John C., assignor.)
Sullivan Machinery Company. (See Curtis, J. C., and Gartin, assignors.)
Sullivan Machinery Company. (See Gartin, Elmer G., assignor.)
Sullivan Machinery Company. (See Hayward, John A., assignor.)

Sullivan Machinery Company. (See Hubbell, Oreb T., assignor.)
Sullivan Machinery Company. (See Johansen, Harry C., assignor.)
Sullivan Machinery Company. (See Joy, Joseph F., assignor.)
Sullivan Machinery Company. (See Osgood, Charles F., assignor.)
Sullivan Machinery Company. (See Osgood, Robert C., assignor.)
Sullivan Machinery Company. (See Paget, Win W., assignor.)
Sullivan Machinery Company. (See Simmons, Leon E., assignor.)
Sullivan Machinery Company. (See Sinclair, Frank E., assignor.)
Sullivan Machinery Company. (See Vanderzee, Harry H., assignor.)
Sullivan Machinery Company. (See Wineman, Wade H., assignor.)
Sullivan Machinery Company. (See Wyman, Charles W., assignor.)
Sullivan, Michael F., St. Louis, Mo. Shoe shank. 2,358,886; Sept. 26.
Sullivan, Michael H., deceased; by S. V. Sullivan, Poughkeepsie, N. Y., administratrix. Piston. 2,357,854; Sept. 12.
Sullivan, Michael J., New York, N. Y. Fire extinguisher. 2,344,479; Mar. 14.
Sullivan, Susan V., administratrix. (See Sullivan, Michael H.)
Sullivan, Timothy J., assignor, by mesne assignments, to Red & White Laundry & Cleaning Company, Butte, Mont. Direct fired revolving ironer and drier. 2,362,947; Nov. 14.
Sullivan, William N., Washington, D. C., and L. D. Goodhue, Berwyn, Md., assignors to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and to his successors in office. Synergists to aerosol insecticides. 2,345,891; Apr. 4.
Sullivan, William N., Washington, D. C., and L. D. Goodhue, Berwyn, Md., assignors to United States of America as represented by Claude R. Wickard, Secretary of Agriculture, and his successors in office. Synergists to aerosol insecticides. 2,345,892; Apr. 4.
Sullivan, William N., Washington, D. C., and L. D. Goodhue, Berwyn, Md., assignors to United States of America as represented by Claude R. Wickard, Secretary of Agriculture, and his successors in office. Synergists to aerosol insecticides. 2,345,893; Apr. 4.
Sullivan, William N., Washington, D. C., and L. D. Goodhue, Berwyn, Md., assignors to United States of America as represented by Claude R. Wickard, Secretary of Agriculture, and his successors in office. Synergists to aerosol insecticides. 2,345,894; Apr. 4.
Sullivan, William N., Washington, D. C., and L. D. Goodhue, Berwyn, Md., assignors to United States of America as represented by Claude R. Wickard, Secretary of Agriculture, and his successors in office. Synergists to aerosol insecticides. 2,345,895; Apr. 4.
Sullivan, William N., Washington, D. C., and L. D. Goodhue, Berwyn, Md., assignors to United States of America as represented by Claude R. Wickard, Secretary of Agriculture, and his successors in office. Synergists to aerosol insecticides. 2,345,896; Apr. 4.
Sullivan, William N., Washington, D. C., and L. D. Goodhue, Berwyn, Md., assignors to United States of America as represented by Claude R. Wickard, Secretary of Agriculture, and his successors in office. Synergists to aerosol insecticides. 2,345,897; Apr. 4.
Sullivan, William N., Washington, D. C., and L. D. Goodhue, Berwyn, Md., assignors to United States of America as represented by Claude R. Wickard, Secretary of Agriculture, and his successors in office. Synergists to aerosol insecticides. 2,345,898; Apr. 4.
Sullivan, William N., Washington, D. C., and L. D. Goodhue, Berwyn, Md., assignors to United States of America as represented by Claude R. Wickard, Secretary of Agriculture, and his successors in office. Synergists to aerosol insecticides. 2,345,899; Apr. 4.
Sullivan, William N., Washington, D. C., and L. D. Goodhue, Berwyn, Md., assignors to United States of America as represented by Claude R. Wickard, Secretary of Agriculture, and his successors in office. Synergists to aerosol insecticides. 2,345,900; Apr. 4.
Sullivan, William N., Washington, D. C., and L. D. Goodhue, Berwyn, Md., assignors to United States of America as represented by Claude R. Wickard, Secretary of Agriculture, and his successors in office. Synergists to aerosol insecticides. 2,345,901; Apr. 4.
Sullivan, William N., Washington, D. C., and L. D. Goodhue, Berwyn, Md., assignors to United States of America as represented by Claude R. Wickard, Secretary of Agriculture, and his successors in office. Synergists to aerosol insecticides. 2,345,902; Apr. 4.
Sullivan, William N., Washington, D. C., and L. D. Goodhue, Berwyn, Md., assignors to United States of America as represented by Claude R. Wickard, Secretary of Agriculture, and his successors in office. Synergists to aerosol insecticides. 2,345,903; Apr. 4.
Sullivan, William N., Washington, D. C., and L. D. Goodhue, Berwyn, Md., assignors to United States of America as represented by Claude R. Wickard, Secretary of Agriculture, and his successors in office. Synergists to aerosol insecticides. 2,345,904; Apr. 4.
Sullivan, William N., Washington, D. C., and L. D. Goodhue, Berwyn, Md., assignors to United States of America as represented by Claude R. Wickard, Secretary of Agriculture, and his successors in office. Synergists to aerosol insecticides. 2,345,905; Apr. 4.
Sullivan, William N., Washington, D. C., and L. D. Goodhue, Berwyn, Md., assignors to United States of America as represented by Claude R. Wickard, Secretary of Agriculture, and his successors in office. Synergists to aerosol insecticides. 2,345,906; Apr. 4.
Sullivan, William N., Washington, D. C., and L. D. Goodhue, Berwyn, Md., assignors to United States of America as represented by Claude R. Wickard, Secretary of Agriculture, and his successors in office. Synergists to aerosol insecticides. 2,345,907; Apr. 4.
Sullivan, William N., Washington, D. C., and L. D. Goodhue, Berwyn, Md., assignors to United States of America as represented by Claude R. Wickard, Secretary of Agriculture, and his successors in office. Synergists to aerosol insecticides. 2,345,908; Apr. 4.
Sullivan, William N., Washington, D. C., and L. D. Goodhue, Berwyn, Md., assignors to United States of America as represented by Claude R. Wickard, Secretary of Agriculture, and his successors in office. Synergists to aerosol insecticides. 2,345,909; Apr. 4.
Sully, John, Joliet, Ill., assignor to American Car and Foundry Company, New York, N. Y. Power-operated hoist. 2,365,141; Dec. 12.
Sulzer Frères, Société Anonyme. (See Brunner, Adolf, assignor.)
Sulzer Frères, Société Anonyme. (See Kilchenmann, Walter, assignor.)
Sulzer Frères, Société Anonyme. (See Lieberherr, Hans, assignor.)
Sulzer Frères, Société Anonyme. (See Markwalder, Albert, assignor.)
Sulzer Freres, Societe Anonyme. (See Moessinger, Albert, assignor.)
Sulzer Frères, Société Anonyme. (See Steiger, Jacques, assignor.)
Sulzer, Frères, Société Anonyme. (See Traupel, Walter, assignor.)
Sulzer Frères, Société Anonyme. (See Waeber, Erwin, assignor.)
Sulzer, John H. (See Hanson, F. E., Smith, and Sulzer.)
Sulzer, John H., Union Beach, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Control device. 2,363,208; Nov. 21.
Summer, Ottis O. (See Routh, Clinton A. and R. W., and Summer.)
Summerbell, William, Watervliet, N. Y. Gun. 2,342,705; Feb. 29.
Summerbell, William, Watervliet, N. Y., and R. H. Mason, Havre de Grace, Md. Recoil apparatus. 2,352,233; June 27.
Summerhayes, Harry R., Jr., Schenectady, N. Y., assignor to General Electric Company. High frequency coupling circuit. 2,341,346; Feb. 8.
Summerhayes, Harry R., Jr., Schenectady, N. Y., assignor to General Electric Company. Frequency multiplier. 2,352,455; June 27.
Summers, Albert E., Riverside, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Device for testing and adjusting springs. 2,338,826; Jan. 11.
Summers, Earl F., Sr., Wheeling, W. Va. Infant feeding bottle holder. 2,359,452; Oct. 3.
Summers, Edna, Los Angeles, Calif. Slip. 2,345,841; Apr. 4.
Summers, Otto M., Mount Gilead, Ohio, assignor to The Hydraulic Development Corp., Inc., Wilmington, Del. Clamp for metal stretching presses. 2,342,437; Feb. 22.
Summers, Robert B., Stockton, Calif. Segmental washer. 2,358,606; Sept. 19.
Summers, Thomas O., Jr., Los Angeles, Calif. Navigational instrument. 2,346,798; Apr. 18.
Summy, Charles F., Sutter, Calif. Gearless differential. 2,338,215; Jan. 4.
Sunbury, Herbert E. (See Foster, B. H., and Sunbury.)
Sundstrand, Oscar J., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Accounting machine. 2,361,714; Oct. 31.
Sun-Kraft, Inc. (See Furedy, Frank, assignor.)
Sunlite Fruit Juices Ltd. (See Willard, Ralph S., assignor.)
Sunlite Mfg. Company, The. (See Smith, Alva T., assignor.)
Sun Oil Company. (See Bagsar, Aaron B., assignor.)
Sun Oil Company. (See Dougherty, P. F., and Barton, assignors.)
Sun Oil Company. (See Hedges, C. C., and Cahney, assignors.)
Sun Oil Company. (See Kokatnur, V. R., and Van Hook.)
Sun Rubber Company, The. (See Kempthorn, David C., assignor.)
Sun Rubber Company, The. (See MacKay, J., and Nagel, assignors.)
Sunbeam Electric Manufacturing Company. (See Gaston, Donald H., assignor.)

Sundback, Gideon, Meadville, Pa. Making stringers for slide fasteners. 2,362,221; Nov. 7.

Sundell, Axel A., Negaunee, Mich. Wheel and tire lock. 2,340,996; Feb. 8.

Sundell, Knute, Waukegan, Ill., assignor to American Can Company, New York, N. Y. Can capping machine. 2,353,200; July 11.

Sunderland, Charles E., assignor to Sam Daniels Mfg. Co., Inc., Hardwick, Vt. Milking apparatus. 2,358,037; Sept. 12.

Sundholm, Edwin P., Albert City, Iowa. Liquid-dispensing apparatus. 2,344,005; Mar. 14.

Sundstrand Machine Tool Co. (See Granberg, B. R., and Ericson, assignors.)

Sundstrand, Oscar J., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting and accounting machine. 2,350,542; June 6.

Sundstrand, Oscar J., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Record making and accounting machine. 2,358,263; Sept. 12.

Sundstrand, Oscar J., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Accounting machine. 2,362,222; Nov. 7.

Sundstrand, Oscar J., West Hartford, and W. A. Anderson, Bridgeport, Conn., assignors to Underwood Elliott Fisher Company, New York, N. Y. Printing mechanism for adding and accounting machines. 2,349,769; May 23.

Sundstrom, Harold W., Worcester, Mass. Safety device for presses. 2,338,364; Jan. 4.

Sundstrom, Henry, Dearborn, Mich. Tool holder. 2,363,160; Nov. 21.

Sundstrom, Savin L. (See Mills, E. L., and Sundstrom.)

Sundstrom, Savin L., assignor to The Bastian-Blessing Company, Chicago, Ill. Valve assembly. 2,341,579; Feb. 15.

Sunnen, Cornelia. (See Sunnen, Joseph, assignor.)

Sunnen, Joseph, Clayton, Mo. Boring machine. 2,349,526; May 23.

Sunnen, Joseph, Clayton, M. Boring machine. 2,350,081; May 30.

Sunnen, Joseph, Clayton, Mo. Honing arbor. 2,350,969; June 6.

Sunnen, Joseph, assignor to Cornelia Sunnen, Clayton, Mo. Piston expander. 2,349,890; May 30.

Sunquist, Herman, Worcester, Mass. Firearm. 2,343,341; Mar. 7.

Sunshine Mining Company. (See Goetz, Alexander, assignor.)

Super Mold Corporation of California.. (See Marvin, Stanley, assignor.)

Super Mold Corporation of California. (See Scott, Harry A., assignor.)

Super Mold Corporation of California. (See Thurman, W. B., and Glynn, assignors.)

Super Tool Company. (See Horton, Frank J., assignor.)

Superba Manufacturing Co. (See Balk, David, assignor.)

Supertheater Company, The. (See Rawson, Emanuel, assignor.)

Supertheater Company, The. (See Smith, B., and Ringel, assignors.)

Supertheater Company, The. (See Southcott, Leonard C., assignor.)

Supertheater Company, The. (See True, Charles H., assignor.)

Supertheater Company, The. (See Wood, John E., assignor.)

Superior Concrete Accessories. (See Hillberg, Bror, assignor.)

Superior Felt and Bedding Co. (See Paladino, Angelo R., assignor.)

Superior Manufacturing Company. (See Greenwood, Talma T., assignor.)

Superior Oil Company, The. (See McNamee, Bernard F., assignor.)

Superior Plating Works. (See Barry, Cornelius J., assignor.)

Superior Type Company, The. (See Redin, R. W., and Belar, assignors.)

Super-Seal Container Corporation. (See Glocker, Gustave, assignor.)

Super-Sound Inc. (See Neumann, Leopold, assignor.)

Sure-Fit Products Company. (See Krasnov, J. A., and Kuller, assignors.)

Surence, Myra, Philadelphia, Pa. Foundation garment of the corset type. 2,340,627; Feb. 1.

Surrey, Alexander R., Albany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Preparing d-ribose-2-nitro-4,5-dimethylanilide. 2,351,721; June 20.

Surtees, Robert E., Milwaukee, Wis. Forming cylinder liners. 2,361,434; Oct. 31.

Suskewits, Max, Ozone Park, N. Y. Cigarette removing device for cigarette packages. 2,352,574; June 27.

Susquehanna Waist Company. (See Netsky, John, assignor.)

Sussman, Sidney, Moorestown, N. J., assignor to The Permutit Company, New York, N. Y. Resinous products. 2,345,402; Aug. 8.

Sussman, Sidney, and W. F. Gresham, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of alkoxy-substituted alcohols. 2,340,907; Feb. 8.

Sutcliffe, Arthur G., Park Ridge, and L. C. Weaver, assignors to Ilg Electric Ventilating Co., Chicago, Ill. Ventilating device. 2,339,363; Jan. 18.

Sutcliffe, Harry L., assignor to H. B. Delman, New York, N. Y. Article of footwear. 2,364,763; Dec. 12.

Sutcliffe Speakman and Company Limited. (See Edwards, William E., assignor.)

Suter, Chester M., Evanston, Ill., assignor to The Procter & Gamble Company, Cincinnati, Ohio. Sulphonation of branched chain olefins. 2,365,783; Dec. 26.

Suter, Chester M., Evanston, Ill., assignor to The Procter & Gamble Company, Cincinnati, Ohio. Condensation of olefin sulphonic acids with aromatic compounds. 2,366,133; Dec. 26.

Sutherland Paper Company. (See Annen, J. E., and Conklin, assignors.)

Sutherland Paper Company. (See Buttery, Kenneth T., assignor.)

Sutherland Paper Company. (See Conklin, Alfred R., assignor.)

Sutherland Paper Company. (See Smith, Richard E., assignor.)

Sutterfield, Noel H. (See Powers, M. A., and Sutterfield.)

Sutter, Erwin L., Sharon, assignor to Tobe Deutschmann Corporation, Canton, Mass. Cutting mechanism. 2,363,097; Nov. 21.

Sutter, Erwin L., Sharon, assignor to Tobe Deutschman Corporation, Canton, Mass. Machine for cutting sheet material. 2,365,605; Dec. 19.

Sutter, Paul. (See Kern, W., Sutter, and Tobler.)

Svendsen, Edward C., and W. J. Clayton, Michawaka, Ind., assignors to United States Rubber Company, New York, N. Y. Manufacture of sponge rubber. 2,351,556; June 13.

Svenska Aeroplan Aktiebolaget. (See Wilkenson, E. A., and Faxén, assignors.)

Svenska, Aktibolaget Gasaccumulator. (See Dalén, Sten G., assignor.)

Svenska Cellulosa Aktiebolaget. (See Brund, Johan A., assignor.)

Svenson, Ernest J., Rockford, assignor, by mesne assignments, to Odin Corporation, Chicago, Ill. Hydraulically reciprocable pump mechanism. 2,341,195; Feb. 8.

Svenson, Ernest J., Rockford, assignor, by mesne assignments, to Odin Corporation, Chicago, Ill. Pump. 2,341,196; Feb. 8.

Svenson, Ernest J., Rockford, assignor, by mesne assignments, to Odin Corporation, Chicago, Ill. Material working apparatus. 2,358,361; Sept. 19.

Svenson, Ernest J., Rockford, assignor, by mesne assignments, to Odin Corporation, Chicago, Ill. Hydraulic actuator and control system. 2,363,706; Nov. 28.

Svenson, Ernest J., Rockford, assignor, by mesne assignments, to Odin Corporation, Chicago, Ill. Hydraulic propelling mechanism. 2,363,707; Nov. 28.

Svikhart, Miles L., Garden City Park, assignor to Western Electric Company, Incorporated, New York, N. Y. Material working apparatus. 2,353,794; July 18.

Svikhart, Miles L., Garden City Park, assignor to Western Electric Company, Incorporated, New York, N. Y. Backboard support for telephone coin collectors. 2,363,816; Nov. 28.

Svirsky, Bennett, Glendale, Calif., assignor of fifteen per cent to I. Svirsky, New Haven, Conn. Silent screwless valve plug. 2,364,107; Dec. 5.

Svirsky, Irving. (See Svirsky, Bennett, assignor.)

Svoboda, Antonin, Forest Hills, assignor to Abax Corporation, New York, N. Y. Mechanism for use in computing apparatus. 2,340,350; Feb. 1.

Svoboda, Frank A., Cicero, and A. Skolnik, Chicago, Ill. Treatment of ramie and allied fibers. 2,353,947; July 18.

Swain, Raymond A., Bellevue, Ky., assignor to Interchemical Corporation, New York, N. Y. Graining ink vehicle. 2,352,810; July 4.

Swain, Raymond A., Bellevue, Ky., assignor to Interchemical Corporation, New York, N. Y. Composition for use in graining inks. 2,365,363; Dec. 19.

Swain, Robert C., Riverside, and P. Adams, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Preparation of aminotriasine-aldehyde condensation products. 2,343,230; Feb. 29.

Swain, Robert C., Riverside, and P. Adams, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Preparing urea-formaldehyde lacquers. 2,361,715; Oct. 31.

Swaine, James W., Bayside, assignor to General Chemical Company, New York, N. Y. Organic insecticide. 2,347,377; Apr. 25.

Swaisgood, Ralph H., assignor to Pacific Engineering Corporation, Los Angeles, Calif. Portable folding scaffold. 2,362,170; Nov. 7.

Swan, Charles D., Trenton, Mich. Trailer front end stabiliser and rest. 2,347,524; Apr. 25.

Swan, Donald R., assignor to Eastman Kodak Company, Rochester, N. Y. Reducing curl of photographic film. 2,341,485; Feb. 8.

Swan, Donald R., assignor to Eastman Kodak Company, Rochester, N. Y. Polyvinyl acetal resins. 2,356,479; Aug. 22.

Swan, Donald R., assignor to Eastman Kodak Company, Rochester, N. Y. Polyvinyl acetal resins. 2,356,480; Aug. 22.

Swan, Donald R., assignor to Eastman Kodak Company, Rochester, N. Y. Water-soluble polyvinyl acetals. 2,358,836; Sept. 26.

Swan, Donald R., and C. G. Lindquist, assignors to Eastman Kodak Company, Rochester, N. Y. Photographic gelatin layer containing a condensation product of an ethylol cyanamide with a fatty acid. 2,353,279; July 11.

Swaney, Miller W., Cranford, N. J., assignor to Standard Oil Development Company. Hydrocarbon drying oils. 2,363,910; Nov. 28.

Swank, Harry K., assignor of one-half to E. R. Sebring, Sebring, Fla. Ditching machine. 2,347,378; Apr. 25.

Swann, Charles E., Glencoe, assignor to Craft Manufacturing Co., Chicago, Ill. Cream dispenser. 2,343,847; Mar. 7.

Swann, Edward R., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,340,440; Feb. 1.

Swann, Edward R., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,363,452; Nov. 21.

Swann, James S., Homewood, Ill., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Doorstop. 2,344,524; Mar. 21.

Swann, James S., Homewood, Ill., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Retarding railway car doors. 2,348,370; May 9.

Swann, Lewis H., and J. P. Bowen, Atlanta, Ga. Safety razor. 2,353,599; July 11.

Swanson, Carl G., New York, N. Y. Extensible rule. 2,356,544; Aug. 22.

Swanson, Clarence S., assignor to Standard Forgings Corporation, Chicago, Ill. Apparatus for making pierced forged hubs and the like. 2,342,021; Feb. 15.

Swanson, Elsie, Seattle, Wash. Rake. 2,343,033; Feb. 29.

Swanson, Ernest R., Cranston, and C. H. Jones, Warwick, R. I., assignors to Universal Winding Company, Boston, Mass. Winding machine. 2,360,909; Oct. 24.

Swanson, Harold, Brownhelm Township, Lorain County, Ohio. Flood light full-beam electric lamp. 2,362,171; Nov. 7.

Swanson, Harold, Brownhelm Township, Lorain County, Ohio. Vehicle headlight with integral full-beam electric lamps. 2,362,172; Nov. 7.

Swanson, Harold, Brownhelm Township, Lorain County, Ohio. Vehicle floodlight with one removable full-beam electric lamp. 2,362,173 Nov. 7.

Swanson, Harold, Brownhelm Township, Lorain County, Ohio. Vehicle headlight with several removable full-beam electric lamps. 2,362,174; Nov. 7.

Swanson, Harold, Brownhelm Township, Lorain County, Ohio. Piped light full-beam electric lamp. 2,362,175; Nov. 7.

Swanson, Harold, Brownhelm Township, Lorain County, Ohio. Flashlight full-beam electric lamp. 2,362,176; Nov. 7.

Swanson, Henry T., Nutley, N. J., assignor to Radio Corporation of America. Carbonizing metals. 2,344,906; Mar. 21.

Swanson, John, Hudson, Ohio. Can puncturing tool. 2,359,883; Oct. 10.

Swanson, Nels H., Chicago, Ill. Coin purse. 2,361,716; Oct. 31.

Swanson, Oscar E. (See Ingwer, C. H., and Swanson.)

Swanson Tool and Machine Corporation. (See Pedersen, Jens O., assignor.)

Swanson, Wilbur A. (See Watkins, W. H., Clark, and Swanson.)

Swarovski, Daniel, Wattens, Tyrol. Germany; vested in the Alien Property Custodian. Signal device. 2,351,080; June 13.

Swarr, Samuel W., Sr., assignor of twenty per cent to L. L. and S. M. Eckert, Lancaster, Pa. Fire extinguisher. 2,355,483; Aug. 8.

Swart, Gilbert H. (See Reymond, G. M., and Swart.)

Swartout Company, The. (See Mastenbrook, Henry J., assignor.)

Swartz, Charles A. (See Searles, Amos.)

Swartz, Guy E., Detroit, Mich. Locking fixture. 2,359,689; Oct. 3.

Swartz, Otto, Toledo, Ohio. Decorative plaque. 2,354,622; July 25.

Swartz, Milton D., Baltimore, and K. N. Yellott, Cockeysville, assignors to Farboil Paint Company, Inc., Baltimore, Md. Coating articles carrying an insulating coating. 2,361,435; Oct. 31.

Swartz, William L., Wethersfield, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Feed mechanism for machine guns. 2,338,270; Jan. 4.

Swartz, William L., Weathersfield, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Breech mechanism for automatic firearms. 2,339,661; Jan. 18.

Swartz, William L., assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Firearm accessory. 2,364,487; Dec. 5.

Swartzbough Manufacturing Company, The. (See Hammell, Kemper M., assignor.)

Swartzman, Edward, Ottawa, Ontario, Canada, assignor to His Majesty the King in the right of Canada, as represented by the Minister of Mines and Resources. Clinkering coal and producing same. 2,364,828; Dec. 12.

Sway, Henry, Cincinnati, Ohio. Scaffolding and apparatus therefor. 2,346,338; Apr. 11.

Swayne, Amos C. (See Lurmann, F. W., and Swayne.)

Sweany, John B., Sonoma, Calif., assignor to Remington Arms Company, Inc. Firearm. 2,341,298; Feb. 8.

Sweany, John B., Sonoma, Calif., assignor to Remington Arms Company, Inc. Firearm. 2,341,299; Feb. 8.

Swearingen, Clair V., Chattanooga, Tenn. Sampling machine. 2,352,234; June 27.

Swearingen, Clair V., Chattanooga, Tenn. Treating fluid. 2,364,488; Dec. 5.

Swearingen, John E., Whiting, Ind., assignor to Standard Oil Company, Chicago, Ill. Catalytic cracking system. 2,361,978; Nov. 7.

Swearingen, Judson S., Southton, assignor to J. D. Collett, Jr., Houston, Tex. Sampling device. 2,363,625; Nov. 28.

Swebilius, Carl G., Hamden, assignor, by mesne assignments, to The High Standard Manufacturing Corporation, New Haven, Conn. Self-loading repeating firearm. 2,342,824; Dec. 29.

Swebilius, Carl G., Hamden, assignor to The High Standard Manufacturing Corporation, New Haven, Conn. Cartridge-ejecting means for firearms. 2,345,077; Mar. 28.

Swebilius, Carl G., Hamden, assignor to The High Standard Manufacturing Corporation, New Haven, Conn. Self-loading takedown firearm. 2,365,306; Dec. 19.

Swebilius, Carl G., Hamden, assignor to The High Standard Manufacturing Corporation, New Haven, Conn. Self-loading repeating firearm. 2,365,307; Dec. 19.

Swedlow, Samuel, New York, N. Y. Apparatus for electrical zeroizing. 2,356,187; Aug. 22.

Sweeley, Everett M., Twin Falls, Idaho. Multimissiled shotgun shell. 2,343,818; Mar. 7.

Sweeney, Joseph L. (See Henze, O. C. W., and Nyborg, assignors.)

Sweeney, Joseph L. (See Pollock, Robert T., assignor.)

Sweeney, Joseph L. (See Pollock, R. T., and Henze, assignors.)

Sweet, Leon A. (See Lawson, E. J., Parke, and Sweet.)

Sweet, Theodore R., Richmond, Calif. Electrode holder. 2,340,496; Feb. 1.

Sweetser, Sumner B., Baton Rouge, La., assignor, by mesne assignments, to Standard Catalytic Company. Controlling temperature in exothermic chemical reactions. 2,353,600; July 11.

Swennes, Benjamin A., Rockford, assignor to Borg-Warner Corporation, Chicago, Ill. Transmission. 2,344,656; Mar. 21.

Swennes, Benjamin A., Rockford, assignor to Borg-Warner Corporation, Chicago, Ill. Motor driven vehicle. 2,364,327; Dec. 5.

Swenson, Arthur R., Fanwood, assignor to Western Electric Company, Incorporated, New York, N. Y. Welding apparatus. 2,351,722; June 20.

Swenson, Carl E., Rockford, Ill. Combined clutch and bearing. 2,342,227; Feb. 22.

Swenson, Carl E., Rockford, Ill. Blower. 2,343,714; Mar. 7.

Swenson, Ditmar A., Wichita, Kans. Combination incinerator and broiler device. 2,361,247; Oct. 24.

Swenson, Edward A. (See Santora, Frank, assignor.)

Swenson Evaporator Company. (See Nyman, Carl B., assignor.)

Swenson, George E., Hastings on Hudson, N. Y., assignor to The Celotex Corporation, Chicago, Ill. Building material and applying same. 2,345,221; Mar. 28.

Swenson, George E., Hastings-upon-Hudson, N. Y., assignor to The Celotex Corporation, Chicago, Ill. Wall construction. 2,347,756; May 2.

Swenson, Reuben A., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Lubricant and preparing the same. 2,349,058; May 16.

Swenson, Reuben A., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Lubricant. 2,352,811; July 4.

Swentzel, John P., assignor to The Carborundum Company, Niagara Falls, N. Y. Bonded silicon carbide refractories. 2,364,108; Dec. 5.

Swerdloff, William, Bartlesville, Okla., assignor to Phillips Petroleum Company. Absorption process. 2,352,295; June 27.

Swern, Daniel. (See Wells, P. A., and Swern.)

Swertfeger, Harold C., Jarrett, Va. Mowing machine. 2,341,486; Feb. 8.

Swett, Adelbert P., Westwood, Mass., assignor to Beck-with Manufacturing Company, Dover, N. H. Shoe lining and making the same. 2,339,118; Jan. 11.

Swett, Donald M., Chicago, and S. E. Van Tuyl, Riverside, assignors to American Tag Company, Chicago, Ill. Tag fastening device. 2,351,557; June 13.

Swett, Earl. (See Brenneman, E. R., and Swett.)

Swett, Hinkley R., assignor to Sanford Mills, Sanford, Maine. Detacking machine for rope fabric. 2,343,267; Mar. 7.

Sweeny, Burdette S., Floral Park, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Motor control mechanism for printing telegraph apparatus. 2,344,792; Mar. 21.

Sweeny, William F. (See Jennings, H. Y., Schouman, and Sweeny.)

Swickard, Andrew E. (See Coleman, A. R., and Swickard.)

Swickard, Andrew E. (See Drews, W., F., and Swickard.)

Swietoslawski, Wojciech, Pittsburgh, Pa. Coke oven structure. 2,342,309; Feb. 22.

Swift, Donald D., Hartford, Conn., assignor to M. Swift & Sons, Inc. Goldbeating lubricant. 2,354,072; July 18.

Swift, Donald D., Hartford, Conn., assignor to M. Swift & Sons, Inc. Roll leaf and making the same. 2,354,073; July 18.

Swift, Donald D., Hartford, Conn., assignors to M. Swift & Sons, Inc. Metallic leaf. 2,364,674; Dec. 12.

Swift, George W., Jr. Inc. (See Bruker, Hobart W., assignor.)

Swift, Gilbert. (See Pontecorvo, B., and Swift.)

Swift, Gilbert. (See Scherbatskoy, S. A., Swift, Fearon, and Neufeld.)

Swift, Gilbert, Tulsa, Okla. Recording measuring instrument. 2,351,081; June 13.

Swift, Harvey C., Detroit, Mich. Fluid coupling. 2,356,125; Aug. 22.

Swift, Harvey C., assignor to Hydraulic Brake Company, Detroit, Mich. Blade wheel. 2,357,618; Sept. 5.

Swift, Herbert W., assignor to Bromilow and Edwards Limited, Bolton, England. Moving floor vehicle. 2,343,948; July 18.

Swift, John F., and R. J. Miller, assignors to Hydraulic Brake Company, Detroit, Mich. Frictional resistance test apparatus. 2,344,331; Mar. 14.

Swift, M., & Sons, Inc. (See Swift, Donald D., assignor.)

Swift, Parker N., et al. (See Steinharter, Stanley S., assignor.)

Swift Rifle Company Limited, The. (See de Lubicz-Bahanowski, Z., Minns, and Norman, assignors.)

Swift, Willard E., Jr. (See Shea, J. J., Irrgang, and Swift.)

Swift, Willard E., Jr., Worcester, Mass. Torque amplifier. 2,355,686; Aug. 15.

Swilley, Wilson. (See Overby, B. M., Swilley, and S. M. Overby.)

Swim, Lowell C., and C. H. Williams, Modesto, Calif. Elevating bed vehicle. 2,351,846; June 20.

Swindell-Dressler Corporation. (See Brooke, Frank W., assignor.)

Swing, Raymond F., Seattle, Wash. Ice-guard. 2,357,063; Aug. 29.

Swingle, Ralph H., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Enclosed circuit breaker. 2,354,157; July 18.

Swint, Ida S., Pickens, W. Va. Grater and operating means therefor. 2,360,804; Oct. 17.

Swisher, Murray T., Clairton, Pa. Computing measurement. 2,353,280; July 11.

Swisher, Robert D., Winchester, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Isomerization of terphenyls. 2,363,209; Nov. 21.

Switzer, Harold K., Newport, Ky. Piston expander. 2,341,950; Feb. 15.

Swoboda, Richard, Sr., Detroit, Mich. Sausage linking machine. 2,356,099; Aug. 15.

Swofford, Peter J., assignor of one-sixteenth to T. B. Fite and one-sixteenth to J. B. Hopson, Fort Worth, Tex. Parachute. 2,350,480; June 6.

Sworski, Stanley F., Minneapolis, Minn. Portable electric welding tool. 2,365,784; Dec. 26.

Sycheff, Vladimir M. (See Proescher, F., and Sycheff.)

Sydow, Ernest. (See McMahon, J. A., and Sydow.)

Syers, Roland, assignor to F. W. Berk and Company Limited, London, England. Extraction of components from solid mixtures. 2,340,232; Jan. 25.

Syers, Roland, assignor to F. W. Berk and Company Limited, London, England. Separating sulphur from tar. 2,343,591; Mar. 7.

Sykes, Thomas F., Jr., Drexel Hill, Pa. Lifting, turning, and seating device for plug valves. 2,364,567; Dec. 5.

Sykora, Louis, Currie, Minn. Fishing cork. 2,351,558; June 13.

Sykora, Vladislav, Neusattel, Germany; vested in the Alien Property Custodian. Method and apparatus for cropping hops. 2,356,545; Aug. 22.

Sylvania Electric Products Inc. (See Abbott, Matthew C., assignor.)

Sylvania Electric Products Inc. (See Biggs, O. H., and Cox, assignors.)

Sylvania Electric Products Inc. (See Biggs, O. H., and MacCarthy, assignors.)

Sylvania Electric Products Inc. See Ellefson, Bennett S., assignor.)

Sylvania Electric Products Inc. (See Gardner, Roland M., assignor.)

Sylvania Electric Products Inc. (See Haas, P., and Bennett, assignors.)

Sylvania Electric Products Inc. (See Hilliard, R. C., and Smith, assignors.)

Sylvania Electric Products, Inc. (See Kingston, Walter E., assignor.)

Sylvania Electric Products Inc. (See Kulberg, A. E., and Albright, assignors.)

Sylvania Electric Products Inc. (See Maurette, René G., assignor.)

Sylvania Electric Products Inc. (See McCarthy, Henry J., assignor.)

Sylvania Electric Products Inc. (See Stuckert, W. P., and Snyder, assignors.)

Sylvania Industrial Corporation. (See Alles, George J., assignor.)

Sylvania Industrial Corporation. See Brown, Harry S., assignor.)

Sylvania Industrial Corporation. (See Cornwell, Ralph T. K., assignor.)

Sylvania Industrial Corporation. (See Cornwell, R. T. K., Rosser, and Yourtee, assignors.)

Sylvania Industrial Corporation. (See Francis, Carleton S., Jr., assignor.)

Sylvania Industrial Corporation. (See Francis, C. S., Jr., and Wade, assignors.)

Sylvania Industrial Corporation. (See Reichel, Frank H., assignor.)

Sylvania Industrial Corporation. (See Zender, Justin, assignor.

Sylvester, Walter G., Jersey City, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Scarfing. 2,365,308; Dec. 19.

Symington-Gould Corporation, The. (See Barrows, Donald S., assignor.)

Symington-Gould Corporation, The. (See Couch, Glenn F., assignor.)

Symmes, Daniel D., West Haven, Conn., assignor to The American Steel and Wire Company of New Jersey. Wire rope prestressing machine. 2,359,170; Sept. 26.

Symmes, Daniel D., West Haven, Conn., assignor to The American Steel and Wire Company of New Jersey. Wire distributor for wire-drawing machines. 2,360,741; Oct. 17.

Symons, Edgar B., Hollywood, Calif., and E. Werner, assignors to Nordberg Manufacturing Co., Milwaukee, Wis. Tilting release for gyratory crushers. 2,358,038; Sept. 12.

Syncro Machine Company. (See Bruestle, Carl O., assignor.)

Syncro Machine Company. (See Fornwald, Charles M., Jr., assignor.)

Syncro Machine Company. (See Orr, Carroll E., assignor.)

Synek, Peter, Jackson Heights, N. Y. Apparatus for making beads. 2,348,035; May 2.

Synek, Peter, Jackson Heights, N. Y. Making beads of glass or similar material. 2,348,036; May 2.

Syracuse Chilled Plow Company. (See Baker, Herbert N., assignor.)

Syracuse Chilled Plow Company, et al. (See Cook, Curtiss L., assignor.)

Syracuse Chilled Plow Co. (See Cook, C. L., and Young, assignors.)

Syracuse Chilled Plow Company. (See Young, Austin E., assignor.)

Syrovy, Augustin J. (See Neracher, C. A., Dunn, Syrovy, and Schotz.)

Syrovy, Augustin J., W. T. Dunn, and O. W. Schotz, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Power transmission. 2,348,763; May 16.

Syz, Werner. (See von Zeerleder, A., and Syz.)

Szabo, Andrew, Jr., Lorain, Ohio. Automatic metal treating machine. 2,355,249; Aug. 8.

Szabo, Lester J., Cleveland, Ohio., assignor, by mesne assignments, to S. M. A. Corporation, Chicago, Ill. Synthesis of vitamin B_4. 2,359,260; Sept. 26.

Szayna, Antoni, assignor to A. C. Travis, New York, N. Y. Treatment of hydrocarbons. 2,356,711; Aug. 22.

Szego, Stephen D., New York, N. Y., assignor to American Diagrid Corporation. Beam grid structure for ships, airplanes and the like. 2,352,296; June 27.

Szegvari, Andrew, Fairlawn, assignor to American Anode Inc., Akron, Ohio. Nontarnishing rubber product and making the same. 2,340,233; Jan. 25.

Szekely, Otto E., Philadelphia, Pa., assignor to Martin Motors, Inc., Dover, Del. Injection nozzle for internal combustion engines. 2,338,744; Jan. 11.

Szekely, Otto E., Philadelphia, Pa., assignor to Martin Motors, Inc., Dover, Del. Internal combustion engine. 2,346,463; Apr. 11.

Szekely, Otto E., Philadelphia, Pa., assignor to Martin Motors, Inc., Dover, Del. Internal-combustion engine. 2,354,227; July 25.

Szekeres, Béla, Budapest, Hungary; vested in the Alien Property Custodian. Bathing cap. 2,356,126; Aug. 22.

Szigeti, Gyorgy. (See Bay, Z., and Szigeti.)

Szodomka, Julius, New Orleans, La. Automatic releasing hook for lifesaving crafts. 2,345,366; Mar. 28.

Szücs, Joseph, New York, N. Y. Producing citric acid by fermentation. 2,353,771; July 18.

Szukiewicz, Waclaw, New York, N. Y., assignor, by mesne assignments, of twenty-four per cent to himself, fifty-five per cent to T. Kusniars, as Delegate of the Ministry of Finance of the Republic of Poland, twenty per cent to Dal, Inc., New York, N. Y., and one per cent to B. Przedpelski. Producing butadiene. 2,357,855; Sept. 12.

Szwargulski, Alex N. (See Carlson, H. A., and Szwargulski.)

Szydlowski, Josef, Saint Pé de Bigorre, France; vested in the Alien Property Custodian. Machine for compressing gases by centrifugal effect. 2,350,839; June 6.

T. C. M. Manufacturing Company. (See Taylor, Asa J., assignor.)

T. I. (Group Services) Limited. (See Cormode, William J., assignor.)

T. I. (Group Services) Limited. (See Evans, David W. T., assignor.)

Tabb, Warner T., Brooklyn, assignor to Eisemann Corporation, New York, N. Y. Fluid transfer apparatus. 2,351,304; June 13.

Tabellione, Michael, Meriden, Conn. Reflecting button. 2,341,960; Feb. 15.

Tabor-Hedges Company. (See Hedges, Harry O., assignor.)

Tack, Carl E., assignor to American Steel Foundries, Chicago, Ill. Railway brake. 2,343,342; Mar. 7.

Tack, Carl E., assignor to American Steel Foundries, Chicago, Ill. Brake arrangement. 2,343,939; Mar. 14.

Tack, Carl E., assignor to American Steel Foundries, Chicago, Ill. Brake arrangement. 2,343,940; Mar. 14.

Tack, Carl E., assignor to American Steel Foundries, Chicago, Ill. Brake arrangement. 2,343,941; Mar. 14.

Tack, Carl E., assignor to American Steel Foundries, Chicago, Ill. Brake rotor. 2,345,016; Mar. 28.

Tack, Carl E., assignor to American Steel Foundries, Chicago, Ill. Rotor. 2,345,017; Mar. 28.

Tack, Carl E., assignor to American Steel Foundries, Chicago, Ill. Rotor. 2,350,970; June 6.

Tack, Carl E., assignor to American Steel Foundries, Chicago, Ill. Rotor brake. 2,351,575; June 13.

Tack, Carl E., assignor to American Steel Foundries, Chicago, Ill. Disk brake. 2,354,977; Aug. 1.

Tack, Carl E., assignor to American Steel Foundries, Chicago, Ill. Rotor brake. 2,355,120; Aug. 8.

Tack, Carl E., assignor to American Steel Foundries, Chicago, Ill. Rotor brake. 2,355,122; Aug. 8.

Tack, Carl E., assignor to American Steel Foundries, Chicago, Ill. Pedestal snubber. 2,357,619; Sept. 5.

Tack, Carl E., assignor to American Steel Foundries, Chicago, Ill. Rotor. 2,358,134; Sept. 12.

Tack, Carl E., assignor to American Steel Foundries, Chicago, Ill. Clasp brake. 2,359,740; Oct. 10.

Tack, Carl E., assignor to American Steel Foundries, Chicago, Ill. Duplex brake. 2,359,805; Oct. 10.

Tack, Carl E., assignor to American Steel Foundries, Chicago, Ill. Duplex brake. 2,359,806; Oct. 10.

Tack, Carl E., assignor to American Steel Foundries, Chicago, Ill. Railway brake. 2,363,453; Nov. 21.

Tack, Carl E., and W. A. Helsten, assignors to American Steel Foundries, Chicago, Ill. Rotor brake. 2,355,121; Aug. 8.

Tack, Carl E., and W. A. Helsten, assignors to American Steel Foundries, Chicago, Ill. Rotor brake. 2,355,123; Aug. 8.

Tack, Carl E., and W. A. Helsten, assignors to American Steel Foundries, Chicago, Ill. Brake arrangement. 2,360,307; Oct. 10.

Tackett, Dee W., Fort Worth, Tex. Scoring mechanism for edible nuts. 2,359,947; Oct. 10.

Tade, Benjamin F., Canon City, Colo. Pipe reaming and cleaning device. 2,362,036; Nov. 7.

Taeyaerts, Jan, Villa Park, and M. Toelcke, Chicago, Ill. Diamond-tipped tool and making the same. 2,363,272; Nov. 21.

Taforo, Frank J., Jr., San Francisco, Calif. Acoustical material. 2,357,560; Sept. 5.

Taggart, Dawson M. (See Bertalan, E., and Taggart.)

Taggart, Joseph I., Cleveland, assignor to The Bundy Incubator Company, Springfield, Ohio. Incubator. 2,360,527; Oct. 17.

Taggart, Millard S., Jr., Houston, Tex. Standard Oil Development Company. Oil prospecting method. 2,349,472; May 23.

Tagliabue, Charles J., Mfg. Co. (See Erbguth, Paul F. K., assignor.)

Tagliabue, Giuseppe, Monza, Italy; vested in the Alien Property Custodian. Transfer process. 2,350,840; June 6.

Tailleferre, Henri, Paris, France; vested in the Alien Property Custodian. Marine power plant. 2,356,546; Aug. 22.

Takashima, Naoichi. (See Kitani, R., and Takashima.)

Takayama, Yoshitaro, Onden, Shibuya-ku, Tokyo, Japan; vested in the Alien Property Custodian. Electrolytic production of succinic acid. 2,338,466; Jan. 4.

Takewell, Robert B. (See Williams, I., and Takewell.)

Talbot, Adrian B., Darien, Conn., assignor to Colprovia Roads, Inc., Rochester, N. Y. Manufacture of paving compositions. 2,340,779; Feb. 1.

Talbot, Curtis G., Scotia, N. Y., assignor to General Electric Company. Aircraft cabin supercharger system. 2,353,201; July 11.

Talbot, Frank A., Baltimore, Md., assignor of one-half to R. E. Barry, Washington, D. C. Sight glass. 2,345,889; Apr. 4.

Talbot, Frank A., Baltimore, Md., assignor of one-half to R. E. Barry, Washington, D. C. High pressure pump. 2,365,309; Dec. 19.

Talbot, Marguerite. (See McNulty, Frank J., assignor.)

Talboys, Henry H., assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Surfacing floors and the like. 2,362,417; Nov. 7.

Talboys, Henry H., and H. E. Erickson, assignors to Nordberg Manufacturing Co., Milwaukee, Wis. Track lifter. 2,355,573; Aug. 8.

Talboys, Henry H., and H. E. Erickson, assignors to Nordberg Manufacturing Co., Milwaukee, Wis. Rail grinder. 2,364,879; Dec. 12.

Taliaferro, David B., Jr. (See Miller, H. C., Berwald, and Taliaferro.)

Taliaferro, William R., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Vapor-electric device. 2,354,158; July 18.

Talmage, Charles R., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Making powdered metal articles. 2,360,528; Oct. 17.

Talon, Inc. (See Poux, Noel J., assignor.)

Talleres Coghlan Sociedad Anonima. (See Meuzinger, Wladimiro, assignor.)

Talley, Henry A. (See James, N. R., and Talley.)

Talley, Henry A. E., London, England. Anesthetic administration apparatus. 2,343,231; Feb. 29.

Talley, Samuel K., Berkeley, and L. D. Grenot, Oakland, assignors to Shell Development Company, San Francisco, Calif. Corrosion testing element. 2,351,644; June 20.

Talon, Inc. (See Beckwith, G. M., and Pickens, assignors.)

Tama, Manuel, Morrisville, Pa., assignor to Ajax Engineering Corporation, Trenton, N. J. Submerged resistor induction furnace. 2,339,964; Jan. 25.

Tama, Manuel and M., Morrisville, Pa., assignors to Ajax Engineering Corporation, Trenton, N. J. Submerged resistor-type indnction furnace for melting metals. 2,342,617; Feb. 22.

Tama, Mario. (See Tama, Manuel and M.)

Tama, Mario, Morrisville, Pa., assignor to Ajax Engineering Corporation, Trenton, N. J. Twin coil furnace. 2,347,298; Apr. 25.

Tampax Incorporated. (See McLaughlin, John R., assignor.)

Tampier, René, London, England. Aircraft. 2,346,280; Apr. 11.

Tampier, René, Cricklewood, London, England. Stabilizing device for aircraft. 2,346,464; Apr. 11.

Tampier, René, Cricklewood, London, England. Aircraft. 2,361,574; Oct. 31.

Tandberg, Johan G., Stockholm, Sweden, assignor to Electrolux Corporation, Dover, Del. Impregnating electric articles. 2,354,074; July 18.

Tandetzke, Karl. (See Schulz, C., and Tandetzke.)

Tandler, William S., D. Walker, and W. Teller, assignors to Leder Corporation, New York, N. Y. Control mechanism. 2,354,843; Aug. 1.

Tandler, William S., and D. S. Walker, New York, N. Y., assignors to Brown and Sharpe Manufacturing Company. Control mechanism for machine tools. 2,358,746; Sept. 19.

Tanger, Nancy R., Wayland, Mass. Shuttlecock. 2,360,173; Oct. 10.

Tanglefoot Company, The. (See Clark, L. J., and Goosmann, assignors.)

Tangowski, Henry C., Elizabeth, N. J., assignor to Elastic Stop Nut Corporation of America. Nut tapping machine. 2,356,100; Aug. 15.

Taniyama, Jack K. (See Townsend, G. K., Jr., and Taniyama.)

Tanke, Willard H., La Crosse, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Two-way plow. 2,344,474; Mar. 14.

Tankersley, James O., near Knoxville, Tenn., assignor to Tennessee Valley Authority. Freezing foodstuff. 2,342,706; Feb. 29.

Tanner, Clarence L., Wartrace, Tenn. Booster wind for spring motors. 2,340,155; Jan. 25.

Tanner, Elo C., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. 2,341,961; Feb. 15.

Tanner, Elo C., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. 2,341,962; Feb. 15.

Tanner, Harold D. (See Lively, George, assignor.)

Tannich, Richard E., Bayton, Tex., assignor to Standard Oil Development Company. Extraction with sulphur dioxide. 2,349,473; May 23.

Tapp, Ernest T. J., London, England. Steering arrangement for motor road vehicles. 2,339,205; Jan. 11.

Tapper, Thomas P., Prospect Park, Pa., assignor to The Baldwin Locomotive Works. Molding press. 2,349,805; May 30.

Tarapczynski, Casimer. (See Tarapczynski, Sigmund, assignor.)

Tarapczynski, Sigmund, assignor of forty-five per cent to C. Tarapczynski, Niagara Falls, N. Y. Gun turret for bombing airplanes. 2,358,115; Sept. 12.

Taravella, Jerome J. (See Jobert, A. H., and Taravella.)
Tarbox, Frances, New York, N. Y. Body belt. 2,362,732; Nov. 14.
Tarbox, John P. (See Bower, J. O., and Tarbox.)
Tarbox, John P., Philadelphia, Pa. All-weather tire. 2,354,715; Aug. 1.
Tarbox, John P., Philadelphia, Pa., assignor, by mesne assignments, to Industrial Rayon Corporation. Rayon spinning cage. 2,352,868; July 4.
Tarbox, John P., assignor to Budd Induction Heating, Inc., Philadelphia, Pa. Quenching nozzle. 2,359,171; Sept. 26.
Tarbox, John P., assignor to Budd Induction Heating, Inc., Philadelphia, Pa. Quenching nozzle. 2,359,690; Oct. 3.
Tarbet, Roy L., Wilmington, Calif. Inside caliper. 2,344,837; Mar. 21.
Tarr, Thomas R., Pittsburgh, Pa. Dual propeller. 2,350,942; June 6.
Tarbuzzer, Edmund C., North Adams, assignor, by mesne assignments, to Beacon Industrial Corporation, Fall River, Mass. Flock adhesive printing apparatus. 2,339,891; Jan. 25.
Tarr, Wilson E. (See Center, C. L., and Tarr.)
Tartaron, Francis X. (See Brown, E. H., and Tartaron.)
Tarter, Louis B., and W., New York, N. Y., assignors by mesne assignments, to M. Goldman, Aldenville, Pa. Double vertical interlock bottle crate. 2,347,647; May 2.
Tarter, William. (See Tarter, Louis B. and W.)
Tarwater, Lawson, and W. R. McKenzie, assignors, by mesne assignments, to Bank of America National Trust and Savings Association, Los Angeles, Calif. Nut lock construction. 2,361,979; Nov. 7.
Tasker, Homer G., Van Nuys, assignor to H. S. Heller, West Los Angeles, Calif. Tape driving system for magnetic sound recording machines and the like. 2,349,018; May 16.
Tate, Douglas R., Arlington, Va., assignor to Government of the United States, as represented by the Secretary of the Department of Commerce. Hardness testing apparatus. 2,357,856; Sept. 12.
Tate, Kenneth L., W. H. Vogt, and R. E. Clarridge, assignors to Taylor Instrument Companies, Rochester, N. Y. Regulator. 2,361,885; Oct. 31.
Tate, Malcolm C., Stamford, Conn., assignor to The Baldwin Locomotive Works. Measuring and indicating system. 2,350,261; May 30.
Tate, Malcolm C., Stamford, Conn., assignor to The Baldwin Locomotive Works. Multiple load range weighing system. 2,357,272; Aug. 29.
Tatlow, Percy, assignor to Rotax Limited, London, England. Epicyclic mechanism. 2,357,561; Sept. 5.
Tator, Kenneth, Egypt, assignor to Dewey and Almy Chemical Company, North Cambridge, Mass. Container closure and lining composition. 2,347,618; Apr. 25.
Tatosian, Harry G., assignor to King Kone Corporation, New York, N. Y. Making melba toast. 2,349,582; May 23.
Tatosian, Harry G., assignor to King Kone Corporation, New York, N. Y. Apparatus for making melba toast. 2,349,583; May 23.
Tatum, William W. (See Lodge, F., Lowe, and Tatum.)
Taub, Francis, Brooklyn, N. Y. Heat transfer in denture molds. 2,360,986; Oct. 24.
Taube, Karl. (See Petersen, S., and Taube.)
Taubert, Bernard. (See Taubert, M., P., and B.)
Taubert, Marcel, P., and B., Geneva, Switzerland. Watchcase. 2,350,651; June 6.
Taubert, Paul. (See Taubert, M., P., and B.)
Taurman, Alphonso, Birmingham, Ala. Window construction. 2,357,700; Sept. 5.
Taurman, Alphonso, Birmingham, Ala. Combined parting strip and weather strip. 2,357,701; Sept. 5.
Tauscher, Vernon A., Inglewood, Calif. Hydraulic power control valve. 2,359,495; Oct. 3.
Tauser, Charles H., Venita Park, assignor to McDonnell Aircraft Corporation, St. Louis, Mo. Self-contained die set. 2,338,982; Jan. 11.
Taussky, Ilona, New York, N. Y. Composition of matter and preparation and process of producing the same. 2,350,082; May 30.
Tautt, René, Cilchy, France; vested in the Alien Property Custodian. Device for absorbing shocks, especially for parachutes. 2,352,036; June 20.
Tautz, Herbert E., Englewood, Colo., assignor, by mesne assignments, to Delta Manufacturing Company, Milwaukee, Wis. Drilling machine. 2,346,198; Apr. 11.
Tautz, Herbert E., Englewood, Colo., assignor, by mesne assignments, to Delta Manufacturing Company, Milwaukee, Wis. Cutting machine. 2,347,223; Apr. 25.
Tautz, Herbert E., Englewood, Colo., assignor, by mesne assignments, to Delta Manufacturing Company, Milwaukee, Wis. Saw guard. 2,352,235; June 27.
Tautz, Herbert E., Englewood, Colo., assignor, by mesne assignments, to Delta Manufacturing Company, Milwaukee, Wis. Shaper. 2,353,202; July 11.
Tavannes Machine Co. S. A. (See Boillat, Philippe, assignor.)
Tave, Samuel, Forest Hills, assignor to Fibrean Corporation, Whitestone, Long Island, N. Y. Folding table construction. 2,355,929; Aug. 15.
Tavannes Machines Co. S. A. (See Boillat, Philippe, assignor.)
Taylerson, Ewart S., Pittsburgh, Pa., assignor to Carnegie-Illinois Steel Corporation. Apparatus for handling strip metal. 2,338,143; Jan. 4.
Taylor, Alexander I. D. Outlook, Saskatchewan, Canada. Frost shield. 2,359,496; Oct. 3.
Taylor, Alva E. (See Hays, N. B., Hoover, and Taylor.)
Taylor, Alvah L., Kew Gardens, N. Y., and K. W. Wallen, Murfreesboro, Tenn. Bismuth-containing derivative of tribydroxy glutaric acid, and making it. 2,351,161; June 13.
Taylor, Asa J., Zion, Ill., assignor to T. C. M. Manufacturing Company. Device for dislodging valve assemblies of internal-combustion engines. 2,365,023; Dec. 12.
Taylor, Auburn, Charleston, W. Va., assignor to The Goss Printing Press Company, Chicago, Ill. Printing process and mechanism. 2,363,817; Nov. 28.
Taylor, Auburn, Charleston, W. Va., and E. W. Worthington, assignors to The Goss Printing Press Company, Chicago, Ill. Rotary inking mechanism and process. 2,347,619; Apr. 25.
Taylor, Carl E., Cleveland Heights, assignor to The Cream Cone Machine Company, Cleveland, Ohio. Confection coating apparatus. 2,339,437; Jan. 18.
Taylor, Cecil E. (See de Mian, S. and Taylor.)
Taylor, Cecil H., assignor to Bendix Aviation Corporation, South Bend, Ind. Constant velocity universal joint. 2,365,606; Dec. 19.
Taylor, Charles H., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Handle for electric appliances. 2,338,684; Jan. 4.
Taylor, Charles H., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Suction cleaning apparatus. 2,343,819; Mar. 7.
Taylor, Charles H., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Display device for suction cleaning apparatus. 2,344,182; Mar. 14.
Taylor, Clarence C. (See Leo, H. T., and Taylor.)
Taylor, Clarence C., Mounds, Ill. Ground treating tool. 2,361,886; Oct. 31.
Taylor, Daniel G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control device. 2,349,209; May 16.
Taylor, Douglas, Solihull, England. Expansible chamber pump. 2,357,434; Sept. 5.
Taylor, Eben D. (See Ward, L. A., and Taylor.)
Taylor, Edward C., Longmeadow, assignor to W. Bradford, Taunton, Mass. Three-heat pad. 2,360,084; Oct. 10.
Taylor, Elmer H., assignor to The Chase-Shawmut Company, Newburyport, Mass. Fusible protective device. 2,342,310; Feb. 22.
Taylor Engines, Inc. (See Taylor, Lloyd M., assignor.)
Taylor, Ernest W., assignor to The Industrial Brownhoist Corporation, Bay City, Mich. Portable pier crane. 2,361,331; Oct. 24.
Taylor, Fred L. (See Britton, E. C., and Taylor.)
Taylor, George E., and A. G. Erdman, Anniston, Ala., assignors to Monsanto Chemical Company. Producing insoluble sodium metaphosphate. 2,356,799; Aug. 29.
Taylor, George F., assignor to Carboloy Company, Inc., Detroit, Mich. Apparatus for extruding metal. 2,348,172; May 2.
Taylor, George W., Leeds, England. Wrapper for bottles or phials. 2,357,147; Aug. 29.
Taylor, Gus B., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Making Polyamides. 2,361,717; Oct. 31.
Taylor, Hamilton D., Niskayuna, N. Y., assignor to General Electric Company. Dynamoelectric machine. 2,342,502; Feb. 22.
Taylor, Harden F., assignor to The Atlantic Coast Fisheries Company, New York, N. Y. Vitamin preparation and making same. 2,348,503; May 9.
Taylor, Harry E. (See Brewer, J. H., and Taylor.)
Taylor, Henry M. (See Dinsmore, T. R., and Taylor.)
Taylor, Henry M. (See Peters, M. F., Boston, and Taylor.)
Taylor, Hugh S., H. Fehrer, and J. Turkevich, Princeton, N. J., assignors to Process Management Company, Inc., Wilmington, Del. Hydrocarbon conversion. 2,357,271; Aug. 29.
Taylor, Ingeborg, administratrix. (See Taylor, W. J., Regan, Klyver, and Kuhn.)
Taylor Instrument Companies. (See Olson, Raymond E., assignor.)
Taylor Instrument Companies. (See Tate, K. L., Vogt, and Clarridge, assignors.)
Taylor, Irving R. (See Miller, A. J., and Taylor.)
Taylor, Jack, Whipple, Aris. Shutter. 2,357,435; Sept. 5.
Taylor, Jack F. M., San Rafael, and S. H. McAllister, Lafayette, assignors to Shell Development Company, San Francisco, Calif. Manufacture of gasoline. 2,341,487; Feb. 8.
Taylor, James E. (See Richardson, A. S., and Taylor.)
Taylor, James E., Louisville, Ky., assignor to The Procter and Gamble Company, Ivorydale, Ohio. Emulsifying agent and making same. 2,365,915; Dec. 26.

Taylor, John S., Los Angeles, Calif. Porthole black-out ventilator. 2,361,136; Oct. 24.
Taylor, Julian S., Shorewood, assignor to Allen-Bradley Company, Milwaukee, Wis. Time delayed reduced voltage control circuit. 2,345,510; Mar. 28.
Taylor, Julius D. (See Baxter, J. G., and Taylor.)
Taylor, Kenneth A. (See Campbell, J., and Taylor.)
Taylor, Kenyon Y., Shelburne, assignor to Millers Falls Company, Greenfield, Mass. Wrapper for hack-saw blades. 2,343,715; Mar. 7.
Taylor, Leonard, Castleton, Rochdale, England. Gauge or instrument for measuring or testing mechanical work. 2,358,264; Sept. 12.
Taylor, Lloyd M., San Leandro, assignor to Taylor Engines, Inc., Oakland, Calif. Fabricated internal combustion engine. 2,341,458; Feb. 8.
Taylor, Lloyd M., San Leandro, assignor to Taylor Engines Inc., Oakland, Calif. Crankshaft and making the same. 2,364,109; Dec. 5.
Taylor, Maravene, S., et al. (See Young, William D., assignor.)
Taylor, Owen L. (See Ellis D., and Taylor.)
Taylor, Paul B., Dayton, Ohio. Radio direction finder. 2,361,436; Oct. 31.
Taylor, Raymond G., Jr., and E. D. Wilde, assignors to The Guiberson Corporation, Dallas, Tex. Well flowing means. 2,340,028; Jan. 25.
Taylor, Raymond G., Jr., assignor to The Guiberson Corporation, Dallas, Tex. Surface operated flowing means for wells. 2,347,620; Apr. 25.
Taylor, Raymond G., Jr., assignor to The Guiberson Corporation, Dallas, Tex. Swab cup assembly or packing element. 2,352,812; July 4.
Taylor, Raymond G., Jr., assignor to The Guiberson Corporation, Dallas, Tex. Surface operated valve for oil wells. 2,358,944; Sept. 26.
Taylor, Raymond G., Jr., assignor to The Guiberson Corporation, Dallas, Tex. Removable gas lift unit. 2,361,718; Oct. 31.
Taylor, Reginald, and G. T. Baker, Liverpool, England, assignors, by mesne assignments, to Automatic Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,341,746; Feb. 15.
Taylor, Reginald, and G. T. Baker, Liverpool, England, assignors, by mesne assignments, to Automatic Electric Laboratories, Inc., Chicago, Ill. Electrical signaling system. 2,350,652; June 6.
Taylor, Robert B., near Knoxville, Tenn., assignor to Tennessee Valley Authority. Refrigerant composition. 2,339,300; Jan. 18.
Taylor, Robert G., Hasbrouck Heights, and C. C. Honeywell, Teaneck, assignors to Bendix Aviation Corporation, Bendix, N. J. Electrical apparatus. 2,353,281; July 11.
Taylor, Robert L., McEwen, Tenn. Pipe-laying tool. 2,359,261; Sept. 26.
Taylor, Robert S., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Combined cooling and dehumidifying system. 2,355,828; Aug. 15.
Taylor, Ross E. (See Meyer, A. J., and Taylor.)
Taylor, Russell C., Greenwich, Conn., assignor to American Can Company, New York, N. Y. Container. 2,344,525; Mar. 21.
Taylor, Rutherford H., Millburn, N. J., assignor to J. K. Smit & Sons, Inc., New York, N. Y. Method of and apparatus for producing cutting and abrading articles. 2,344,066; Mar. 14.
Taylor, Stanley D., Sutton Coldfield, and D. W. Pounder, Moseley, Birmingham, assignors to Dunlop Rubber Company Limited, London, England. Manufacture of goods of or containing spongelike or cellular rubber. 2,346,055; Apr. 4.
Taylor Stoker Company Limited. (See Watson, Thomas G. W., assignor.)
Taylor, Taylor & Hobson Limited. (See Cox, Arthur, assignor.)
Taylor, Taylor & Hobson Limited. (See Warmisham, Arthur, assignor.)
Taylor, Taylor & Hobson Limited. (See Warmisham, A., and Wynne, assignors.)
Taylor, Thomas B., et al. (See Young, William D., assignor.)
Taylor, Thomas M., and O. Herwick, Portland, Oreg. Ball bat. 2,340,156; Jan. 25.
Taylor, Walter K., Jersey City, N. J., assignor to American Houses, Inc., New York, N. Y. Machine for the manufacture of structural assemblies. 2,339,727; Jan. 18.
Taylor, Walter K., Jersey City, N. J., assignor to American Houses, Inc., New York, N. Y. Lock mortiser. 2,343,097; Feb. 29.
Taylor, Walter W. (See Malsbary, J. F., and Taylor.)
Taylor, Walter W., assignor to Malsbary Manufacturing Company, Oakland, Calif. Fuel feeding system for burners. 2,364,489; Dec. 5.
Taylor, William E., Riverside, Conn., assignor to American Can Company, New York, N. Y. Spool holder unit. 2,346,199; Apr. 11.
Taylor, William H. (See McKinney, Elsmere W., assignor.)
Taylor, William J., deceased, by I. Taylor, administratrix, and J. E. Regan and A. N. Klyver, Syracuse, N. Y., and P. R. Kuhn, San Francisco, Calif., assignors to Lamson Corporation, Syracuse, N. Y. Conveyer system. 2,341,342; Feb. 8.
Taylor, William R., U. S. Army, Cleveland Heights, Ohio. Ratchet wrench. 2,358,362; Sept. 19.
Taylor-Winfield Corporation, The. (See Cooper, J. H., and Smith, assignors.)
Taylor-Winfield Corporation, The. (See Smith, C. E., and Seeloff, assignors.)
Tea, Clark A., assignor to The Murray Corporation of America, Detroit, Mich. Spray device. 2,339,036; Jan. 11.
Teague, Merwyn C., Ridgewood, N. J., and R. R. Sterrett, Naugatuck, Conn., assignors to United States Rubber Company, New York, N. Y. Making reinforced rubber article. 2,338,827; Jan. 11.
Teague, Merwyn C., Ridgewood, N. J., assignor to United States Rubber Company, New York, N. Y. Elastic fabric. 2,353,525; July 11.
Teague, Monroe M., Lenoir, N. C. Veneer apparatus. 2,338,879; Jan. 11.
Teague, Walter D. Jr. (See Teague, W. D. and W. D., Jr., Myers, and Andrews.)
Teague, Walter D., Annandale, N. J., and R. R. Spilman, Bronxville, N. Y.; said Spilman assignor to said Teague. Building construction. 2,345,018; Mar. 28.
Teague, Walter D., River Farm, W. D. Teague, Jr., Alpine, N. J., and S. Myers and D. D. Andrews, New York, N. Y., assignors to W. A. Sheaffer Pen Company, Fort Madison, Iowa. Fountain pen. 2,362,948; Nov. 14.
Teal, Gordon K., Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Television transmitter. 2,339,662; Jan. 18.
Teal, Gordon K., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device and elements thereof. 2,361,719; Oct. 31.
Tear, James D. (See Poitras, E. J., and Tear.)
Teare, William H., Schenectady, N. Y., assignor to General Electric Company. Vacuum condenser. 2,339,663; Jan. 18.
Tech Equipment Company. (See Williams, B. W., and H. S., assignors.)
Technical Appliance Corporation. (See Goudy, Carl F., assignor.)
Technical Service, Incorporated. (See Kallman, Kaskel P., assignor.)
Technicolor Motion Picture Corporation. (See Andreas, John M., assignor.)
Technicolor Motion Picture Corporation. (See Overhage, Carl F. J., assignor.)
Technicolor Motion Picture Corporation. (See Pohl, Wadsworth E., assignor.)
Technicolor Motion Picture Corporation. (See Rackett, Gerald F., assignor.)
Technicolor Motion Picture Corporation. (See Whittaker, Lloyd E., assignor.)
Tedesco, John T., Bronx, N. Y. Slide fastener. 2,353,858; July 18.
Teeple, John H. (See Bailey, E. D., Brubaker, and Teeple.)
Teeple, Lawrence R., Portland, Oreg. Burner control for tending fire. 2,344,183; Mar. 14.
Teeter, Wilford H., assignor to General Motors Corporation, Dayton, Ohio. Pressure tank. 2,347,379; Apr. 25.
Teeters, Wilber O. (See Loder, D. J., and Teeters.)
Teeters, Wilber O., Roselle, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Modified glycollide resins. 2,362,611; Nov. 14.
Teetor, Macy O., Newcastle, assignor to The Perfect Circle Company, Hagerstown, Ind. Piston ring. 2,343,942; Mar. 14.
Teetor, Macy O., Newcastle, Ind. Parking system. 2,358,747; Sept. 19.
Tegethoff, August J., assignor to Packard Motor Car Company, Detroit, Mich. Striping instrument. 2,351,847; June 20.
Te Grotenhuis, Theodore A., Olmsted Falls, Ohio. Making carbon black. 2,357,857; Sept. 12.
Teichmann, Charles F., Beaumont, Tex., assignor, by mesne assignments, to The Texas Company, New York, N. Y. Preparation of drilling muds. 2,341,581; Feb. 15.
Teichmann, Charles F., Mount Vernon, assignor to Texaco Development Corporation, New York, N. Y. Distillate field production. 2,357,703; Sept. 5.
Teichmann, Charles F., Mount Vernon, assignor to Texaco Development Corporation, New York, N. Y. Method of determining the porosity and location of permeable formations in oil wells. 2,358,945; Sept. 26.
Teichmann, Henry F., Washington, assignor to Forter-Teichmann Company. Pittsburgh, Pa. Manufacture of blown glass articles. 2,357,702; Sept. 5.
Teker, John W., Wesleyville, Pa., assignor to General Electric Company. Brake system. 2,355,484; Aug. 8.
Tel-A-Tale Motion Sign Corporation. (See O'Gorman, William F., assignor.)
Telautograph Corporation. (See Lauder, W. A., and Cahoon, assignors.)

Telefonaktiebolaget L. M. Ericsson. (See Blomberg, K. H., Broomé, Dahlgren, Johansson, and Lundholm, assignors.)
Telefonaktiebolaget L. M. Ericsson. (See Werner, Sture E., assignor.)
Teleregister Corporation, The. (See Frischknecht, Ernest, assignor.)
Telephone Answering and Recording Corporation. (See Shively, J. J., and Van Deventer, assignors.)
Telephone Answering and Recording Corporation. (See Van Deventer, Harry R., assignor.)
Teleregister Corporation, The. (See Haselton, M. L., and Whitney, assignors.)
Teleregister Corporation, The. (See May, H. F., Bush, and Frischknecht, assignors.)
Teletype Corporation. (See Baldwin, Edward T., assignor.)
Teletype Corporation. (See Carr, J. O., and Goetz, assignors.)
Teletype Corporation. (See Doré, Arthur J., assignor.)
Teletype Corporation. (See Gubisch, Erwin A., assignor.)
Teletype Corporation. (See Hutchinson, Volney A., assignor.)
Teletype Corporation. (See Lake, Ross A., assignor.)
Teletype Corporation. (See Larson, Edward S., assignor.)
Teletype Corporation. (See Levin, Carl A., assignor.)
Teletype Corporation. (See Madsen, Berthel F., assignor.)
Teletype Corporation. (See Potts, Louis M., assignor.)
Teletype Corporation. (See Przyslecki, Theodore L., assignor.)
Teletype Corporation. (See Reiber, Albert H., assignor.)
Teletype Corporation. (See Sim, Gordon, assignor.)
Teletype Corporation. (See Smessaert, Raymond R., assignor.)
Teletype Corporation. (See Wack, James E., assignor.)
Teletype Corporation. (See Wack, J. E., and Zenner, assignors.)
Teletype Corporation. (See Zenner, Raymond E., assignor.)
Teletype Corporation. (See Zenner, Walter J., assignor.)
Tellier, Grace W. (See Petter, John R., assignor.)
Teller, William. (See Tandler, W. S., Walker, and Teller.)
Tellerman, Nathan J. (See Vossen, E., and Tellerman.)
Tellerman, Nathan J., assignor to Stop-Motion Devices Corp., Brooklyn, N. Y. Stop motion device for knitting machines. 2,362,781; Nov. 14.
Telling Belle Vernon Company, The. (See Edwards, Frank W., assignor.)
Telson, David R., Brooklyn, N. Y. Foot support. 2,341,963; Feb. 15.
Temperature Engineering Corporation. (See Meeker, Richard E., assignor.)
Temple, George W., Flushing, assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Collapsible tube coating machine. 2,346,951; Apr. 18.
Temple, George W., Flushing, assignor to Victor Metal Products Corporation, Brooklyn. Collapsible tube. 2,352,456; June 27.
Temple, James B. (See Royal, R. R., Hayes, Berggren, and Temple.)
Temple, Paul C., assignor to A. W. Cash Company, Decatur, Ill. Hydraulic control mechanism. 2,339,728; Jan. 18.
Temple, Paul C., assignor to A. W. Cash Company, Decatur, Ill. Valve mechanism. 2,342,770; Feb. 29.
Temple, Paul C., assignor to A. W. Cash Company, Decatur, Ill. Multiple cylinder pump. 2,356,101; Aug. 15.
Temple, Paul C., assignor to A. W. Cash Company, Decatur, Ill. Hydraulic control mechanism. 2,358,887; Sept. 26.
Temple, Paul C., assignor to A. W. Cash Company, Decatur, Ill. Valve mechanism. 2,360,987; Oct. 24.
Temple, Robert, Pittsburgh, Pa., assignor to Temple Velocity Equipment, Inc., Wilmington, Del. Explosive cartridge. 2,348,866; May 16.
Temple, Robert, Pittsburgh, Pa., assignor to Temple Velocity Equipment, Incorporated, Wilmington, Del. Outlet valve. 2,365,364; Dec. 19.
Temple Velocity Equipment, Inc. (See Temple, Robert, assignor.)
Templeman, John P., Chicago, Ill. Combined gear and winding drum. 2,363,757; Nov. 28.
Templin, Richard L., New Kensington, Pa. Compression platen for materials testing machines. 2,346,281; Apr. 11.
Temprite Products Corporation. (See Wyllie, John, Jr., assignor.)
Ten Brink, Karl C. (See Garrison, A. D., and ten Brink.)
Ten Eyck, Andrew G., Detroit, Mich. Speed regulator. 2,352,136; June 20.
Tenacity Manufacturing Co., The. (See Auburn, Hubert, assignor.)
Tench, John R., Croton-on-Hudson, N. Y. Channeled metallic structure. 2,338,467; Jan. 4.
Tench, John R., Croton-on-Hudson, N. Y. Channeled girder or truss. 2,338,468; Jan. 4.
Tench, John R., Croton-on-Hudson, N. Y. Channeled box like metallic structure. 2,365,850; Dec. 26.
Tendick, Frank H., Grosse Pointe Park, assignor to Parke, Davis & Company, Detroit, Mich. Production of tetra-substituted ethylenes. 2,349,770; May 23.
Tenkotte, Harry F. (See Jung, N. A., and Tenkotte.)
Tennessee Coal, Iron and Railroad Company. (See Autan, Claude I., assignor.)
Tennessee Coal, Iron & Railroad Company. (See Cox, Davis D., assignor.)
Tennessee Coal, Iron and Railroad Company. (See Haswell, Arthur B., assignor.)
Tennessee Coal, Iron and Railroad Company. (See Zuber, Robert B., assignor.)
Tennessee Valley Authority. (See Brown, Earl H., assignor.)
Tennessee Valley Authority. (See Hignett, Travis P., assignor.)
Tennessee Valley Authority. (See Junkins, John N., assignor.)
Tennessee Valley Authority. (See Striplin, Marcus M., Jr., assignor.)
Tennessee Valley Authority. (See Tankersley, James O., assignor.)
Tennessee Valley Authority. (See Taylor, Robert B., assignor.)
Tennessee Valley Authority. (See Walthall, John H., assignor.)
Tension Envelope Corporation. (See Johnson, Jerome E., assignor.)
Teplow, Leo, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Adjustable throw gyrating mechanism. 2,349,778; May 23.
Ter Horst, William P., Packanack Lake, N. J., assignor to United States Rubber Company, New York, N. Y. Parasiticidal preparation. 2,349,771; May 23.
Ter Horst, William P., Pompton Plains, N. J., assignor to United States Rubber Company, New York, N. Y. Parasiticidal preparation. 2,349,772; May 23.
Ter Horst, William P., Pompton Plains, N. J., assignor to United States Rubber Company, New York, N. Y. Nickel electroplating bath. 2,361,720; Oct. 31.
Ter Horst, William P., Pompton Plains, N. J., assignor to United States Rubber Company, New York, N. Y. Parasiticidal preparations. 2,362,594; Nov. 14.
Ter Horst, William P., Pompton Plains, N. J., assignor to United States Rubber Company, New York, N. Y. Fumigant. 2,365,979; Dec. 26.
Ter Linden, Adam J., Delft, Netherlands; vested in the Alien Property Custodian. Centrifugal dust separator. 2,341,671; Feb. 15.
Terman, Frederick E., Stanford University Calif., assignor, to International Standard Electric Corporation, New York, N. Y. Reduction of low frequency regeneration and hum in multistage audio amplifiers. 2,364,403; Dec. 5.
Termeer, John F. (See Irwin, William R., assignor.)
Ternstedt Manufacturing Company. (See Andersen, Andrew C., assignor.)
Ternstedt Manufacturing Company. (See Cloutier, George D., assignor.)
Ternstedt Manufacturing Company. (See Conlon, James L. assignor.)
Ternstedt Manufacturing Company. (See Cooley, Floyd A., assignor.)
Ternstedt Manufacturing Company. (See Dean, Roy H., assignor.)
Ternstedt Manufacturing Company. (See Dean, R. H., Cooley, and Kegler, assignors.)
Ternstedt Manufacturing Company. (See Harden, George N., assignor.)
Ternstedt Manufacturing Company. (See Lakin, John W., assignor.)
Ternstedt Manufacturing Company. (See Oak, L. C., and Donnelly, assignors.)
Ternstedt Manufacturing Company. (See Rhein, Lloyd R., assignor.)
Ternstedt Manufacturing Company. (See Simpson, Emory G., assignor.)
Ternstedt Manufacturing Company. (See Wise, Ralph H., assignor.)
Terr, Joseph, Chicago, Ill. Light conditioning device for use with electric lighting ceiling fixtures. 2,340,710; Feb. 1.
Terrell, Bettie, assignor to The Johnston Company, Inc., Dallas, Tex. Garment. 2,349,019; May 16.
Terrell, Edgar A., assignor to The Terrell Machine Company, Charlotte, N. C. Bobbin stripper. 2,342,909; Feb. 29.
Terrell, Edgar A., assignor to The Terrell Machine Company, Charlotte, N. C. Variable speed mechanism. 2,363,161; Nov. 21.
Terrell Machine Company, The. (See Terrell, Edgar A., assignor.)
Terrill, Margaret A., assignor of one-half to Ruth M. Terrill, Worcester, Mass. Table covering screen. 2,341,672; Feb. 15.
Terrill, Ruth M. (See Terrill, Margaret A., assignor.)
Terry, Clifford B., Flushing, and S. L. Johnson, College Point, assignors to Lily-Tulip Cup Corporation, New York, N. Y. Mechanism for dispensing cups or the like. 2,365,916; Dec. 26.
Terry, Frank J. (See Olmstead, B. C., and Terry.)
Terry, Harry W., et al. (See Gray, James D. M., assignor.)

Terry, Kenneth F., San Francisco, and J. J. Imperatrice, Fresno, Calif. Apparatus for producing ice charged with CO_2 gas. 2,361,137; Oct. 24.
Terry, Matson C. (See Terry, M. C., and Komroff, assignors.)
Terry Matson C., Toledo, Ohio. Mooring device. 2,347,718; May 2.
Terry, Matson C., Abington, Pa., and P. Komroff, Flushing, N. Y., assignors, by mesne assignments, to General Motors Corporation. Self-contained air conditioner. Re. 22,584; Dec. 26.
Terry, Matson C., and P. Komroff, Toledo, Ohio, assignors, by mesne assignments, to Matson C. Terry, Washington, D. C. Condensate removal. 2,349,059; May 16.
Terry, Robert H. (See Clements, F. O., Terry, and Henry.)
Teschner, Elmer H., West Palm Beach, Fla. Edging stone wiper. 2,354,075; July 18.
Tessendorf, Charles, Neenah, and F. J. Gruper, Jr., Menasha, Wis., assignors to Marathon Corporation. Making bags. 2,364,009; Nov. 28.
Tessier, Joseph D., Worcester, Mass. Gaff hook. 2,356,712; Aug. 22.
Tessier, Julien, Clamart, France; vested in the Alien Property Custodian. Photographic enlarger. 2,361,667, Oct. 31.
Tested Appliance Company. (See Dick, H. L., and Oliver, Testi, Nicholas. (See Muros J., and Testi.)
Testi, Nicholas. (See Stampleman, S. C., and Testi.)
Testi, Nicholas, assignor to Gillette Safety Razor Company, Boston, Mass. Magazine safety razor. 2,338,880; Jan. 11.
Testi, Nicholas, assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor. 2,343,343; Mar. 7.
Testi, Nicholas, assignor to Gillette Safety Razor Company, Boston, Mass. Magazine safety razor. 2,352,813; July 4.
Testi, Nicholas, assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor. 2,356,188; Aug. 22.
Testi, Nicholas, assignor to Gillette Safety Razor Company, Boston, Mass. Magazine safety razor. 2,359,807; Oct. 10.
Testi, Nicholas, assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor. 2,361,332; Oct. 24.
Testi, Nicholas, assignor to Gillette Safety Razor Company, Boston, Mass. Magazine safety razor. 2,361,512; Oct. 31.
Testi, Nicholas, assignor to Gillette Safety Razor Company, Boston, Mass. Magazine safety razor. 2,361,513; Oct. 31.
Testi, Nicholas, assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor. 2,364,251; Dec. 5.
Testo, Henry, Lakewood, assignor of one-half to C. B. Muller, Cleveland, Ohio. Endless-band tool. 2,355,124; Aug. 8.
Testo, Henry, assignor of one-half to C. B. Muller, Cleveland, Ohio. Band-tool guide. 2,355,602; Aug. 8.
Te Strake, Lambertus, Deurne, Netherlands; vested in the Alien Property Custodian. Producing fabric-simulating material. 2,338,386; Jan. 4.
Testrite Instrument Company. (See Neuwirth, Herman, assignor.)
Teter, John W., Chicago, Ill., assignor to Sinclair Refining Company, New York, N. Y. Catalytic cracking. 2,356,954; Aug. 29.
Tetrault, Michael, Great Falls, Mont. Stick for cathode plates. 2,343,161; Feb. 29.
Tetreau, Floribert H., Uxbridge, Mass. Stop means for looms. 2,353,324; July 11.
Tetzlaff, Benjamin A. (See St. Louis, Charles V., assignor.)
Tetzlaff, Clarence C., Berwyn, Ill. Clamp. 2,341,828; Feb. 15.
Teuber, Max M., Los Angeles, Calif. Display device. 2,351,238; June 13.
Tewksbury, Roger, Euclid, assignor to The Oster Manufacturing Company, Cleveland, Ohio. Lathe turret. 2,357,436; Sept. 5.
Texaco Development Corporation. (See Garrison, Allen D., assignor.)
Texaco Development Corporation. (See Gee, William P., assignor.)
Texaco Development Corporation. (See Hare, Donald G. C., assignor.)
Texaco Development Corporation. (See Herzog, G., and Stein, assignors.)
Texaco Development Corporation. (See Kaufman, David S., assignor.)
Texaco Development Corporation. (See Lay, R. L., Treybig, and Hubby, assignors.)
Texaco Development Corporation. (See Teichmann, Charles F., assignor.)
Texas Company, The. (See Atwell, Harold V., assignor.)
Texas Company, The. (See Barron, Joseph M., assignor.)
Texas Company, The. (See Bruner, Frank H., assignor.)
Texas Company, The. (See Bruner, F. H., Clarke, and Sawyer, assignors.)
Texas Company, The. (See Clark, William A., assignor.)
Texas Company, The. (See Clarke, L. A. Bruner, Pevere, and Hatch, assignors.)
Texas Company, The. (See Cole, Edward L., assignor.)
Texas Company, The. (See Cole, E. L., and Gross, assignors.)
Texas Company, The. (See Cole, H. S., Jr., and Filley, assignors.)
Texas Company, The. (See Eastman, D., and Richker, assignors.)
Texas Company, The. (See Eastman, D., Nagle, and Savage, assignors.)
Texas Company, The. (See Flanagan, James J., assignor.)
Texas Company, The. (See Garrison, Allen D., assignor.)
Texas Company, The. (See Garrison, A. D., and ten Brink, assignors.)
Texas Company, The. (See Goldsby, Arthur R., assignor.)
Texas Company, The. (See Goldsby, A. R., Pevere, Clarke, and Hatch, assignors.)
Texas Company, The. (See Goldsby, A. R., and Sensel, assignors.)
Texas Company, The. (See Hare, Donald G. C., assignor.)
Texas Company, The. (See Herzog, Gerhard, assignor.)
Texas Company, The. (See Horton, F., Kemp, Nagle, and Scoville, assignors.)
Texas Company, The. (See Kaufman, G., Uhrig, and Barnett, assignors.)
Texas Company, The. (See Kemp, Lebbeus C., assignor.)
Texas Company, The. (See Klersted, Wynkoop, Jr., assignor.)
Texas Company, The. (See Korpi, Karl J., assignor.)
Texas Company, The. (See Kuhn, Wayne E., assignor.)
Texas Company, The. (See Manley, Robert E., assignor.)
Texas Company, The. (See McAnneny, Adrian W., assignor.)
Texas Company, The. (See McCleary, Rush F., assignor.)
Texas Company, The. (See McCleary, R. F., and Morris, assignors.)
Texas Company, The. (See McMillan, Wallace A., assignor.)
Texas Company, The. (See Nagle, Richard E., assignor.)
Texas Company, The. (See Nagle, R. E., and Beavon, assignors.)
Texas Company, The. (See Nelson, R. F., Moore, and Faust, assignors.)
Texas Company, The. (See Patterson, John A., assignor.)
Texas Company, The. (See Patterson, J. A., and McCleary, assignors.)
Texas Company, The. (See Pevere, Ernest F., assignor.)
Texas Company, The. (See Pevere, E. F., Clarke, Hatch, and Bruner, assignors.)
Texas Company, The. (See Roberts, Stiles M., assignor.)
Texas Company, The. (See Savage, Rufus L., assignor.)
Texas Company, The. (See Sensel, E. E., and Goldsby, assignors.)
Texas Company, The. (See Story, Le Roy G., assignor.)
Texas Company, The. (See Stratford, William M., assignor.)
Texas Company, The. (See Strawn, Lynn R., assignor.)
Texas Company, The. (See Teichmann, Charles F., assignor.)
Texas Company, The. (See Towne, Charles C., assignor.)
Texas Company, The. (See Trow, Richard F., assignor.)
Texas Company, The. (See Uren, Lester C., assignor.)
Texas Company, The. (See Veltman, Preston L., assignor.)
Texas Company, The. (See Vietti, W. V., and Garrison, assignors.)
Texas Company, The. (See Warrick, Halsted R., assignor.)
Texas Company, The. (See Warrick, H. R., and Watson, assignors.)
Texas Company, The. (See Weiss, Walter J., assignor.)
Texas Company, The. (See Wilson, Howard, assignor.)
Texas Foundries, Inc. (See Yeoman, Ray C., assignor.)
Texas Gulf Sulphur Company. (See Bencowitz, Isaac, assignor.)
Tex-O-Kan Flour Mills Company. (See Findley, Glenn E., assignor.)
Textile Appliances Limited. (See Stalker, Adam J., assignor.)
Textile Machine Works. (See Aschenbrenner, Charles S., assignor.)
Textile Machine Works (See Bitzer, Gottlob, assignor.)
Textile Machine Works. (See Haehnel, Herbert E., assignor.)
Textile Machine Works. (See Kaul, Emil W., assignor.)
Textile Machine Works. (See Meyer, Christian F., assignor.)
Textile Machine Works. (See Schmidt, Paul, assignor.)
Textron Incorporated. (See Little, Royal, assignor.)
Thacker, Carlisle M. (See Folkins, H. O., and Thacker.)
Thacker, Carlisle M., Toledo, Ohio, assignor to The Pure Oil Company, Chicago, Ill. Dehydrogenation of hydrocarbons. 2,354,892; Aug. 1.
Thacker, Richard B., Jr., Houston, Tex., assignor to Sinclair Refining Company, New York, N. Y. Refining of oil. 2,340,167; Jan. 25.
Thackston, William J., Haddon Heights, and D. H. Powers, Moorestown, N. J., assignors to Röhm & Haas Company, Philadelphia, Pa. Treating fabrics. 2,335,983; Jan. 11.
Thackston, William J., Haddon Heights, N. J., and S. N. Glarum, Ardmore, assignors to Röhm & Haas Company, Philadelphia, Pa. Water-repellent fabric. 2,344,926; Mar. 21.
Thannhauser, Fred G. (See Blay, H. P., and Thannhauser.)

Tharrington, John A., Rocky Mount, N. C. Tobacco curer. 2,365,119; Dec. 12.
Thatcher, Linden A. (See Wheeler, W. H., Jr., Thatcher, and Rouan.)
Thatcher, Linden A., and F. J. Rouan, assignors to Pitney-Bowes Postage Meter Co., Stamford, Conn. Coin operated device. 2,358,424; Sept. 19.
Thatcher, Linden A., assignor to Pitney-Bowes Postage Meter Company, Stamford, Conn. Printing device guide means. 2,360,174; Oct. 10.
Thayer Company. (See Troendle, William C., assignor.)
Thayer, Philip F. (See Bisbee, D. P., Seltzer, and Thayer.)
Thayer, Richard N. (See Inman, G. E., Lemmers and Thayer.)
Thayer, Richard N., Cleveland Heights, Ohio, assignor to General Electric Company. Discharge lamp base and starter. 2,351,305; June 13.
Thayer, Sidney A., S. B. Binkley, and R. W. McKee, St. Louis, D. W. MacCorquodale, and E. A. Doisy, Webster Groves, assignors to President and Board of Trustees of St. Louis University, St. Louis, Mo. Vitamin and obtaining same. 2,348,037; May 2.
Theiler, Hans J., asisgnor to Whitin Machine Works, Whitinsville, Mass. Yarn-package holder. 2,349,639; May 23.
Theisen, Joseph L., Marblehead, Mass., assignor to General Electric Company. Thermal time delay control. 2,340,158; Jan. 25.
Then, Edward O., Newark, N. J., assignor to American Can Company, New York, N. Y. Container. 2,339,301; Jan. 18.
Then, Edward O., Newark, N. J., assignor to American Can Company, New York, N. Y. Container. 2,347,719; May 2.
Theriault, Raymond J., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Tank vehicle. 2,340,628; Feb. 1.
Theriault, Raymond J., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Storage tank, especially tank trailer. 2,358,190; Sept. 12.
Thermex Corporation. (See Barrett, Harold G., assignor.)
Thew Shovel Company. (See Zellman, Roy H., assignor.)
Thexton, Arthur L., Ft. Thomas, Ky., assignor to Copay Corporation, Cincinnati, Ohio. Reversible window shade. 2,351,373; June 13.
Thexton Manufacturing Company. (See Worel, Glen J., assignor.)
Thibodeau, Wilfred E. (See Church, J. H., and Thibodeau.)
Thibodeau, Wilfred E. (See Landen, W. J., Church, and Thibodeau.)
Thibodeau, Wilfred E. (See Moore, W. T., and Thibodeau.)
Thibodeau, Wilfred E., Cleveland, Ohio. Explosive projectile. 2,363,024; Nov. 21.
Thibodeau, Wilfred E., Cleveland, Ohio, and G. J. Kesenich, Madison, Wis. Firing mechanism barrier. 2,363,562; Nov. 28.
Thicke, Claude S., Vancouver, British Columbia, Canada. Portable pump unit. 2,355,035; Aug. 1.
Thiede, Ferdinand C. W. (See Proctor, B. A., and Thiede.)
Thiede, Ferdinand C. W., Hempstead, assignor to B. A. Proctor Company, Inc., New York, N. Y. Recording and reproducing signals. 2,353,422; July 11.
Thiede, Ferdinand C. W., Hempstead, assignor to B. A. Proctor Company, Inc., New York, N. Y. Recording signals. 2,359,061; Sept. 26.
Thiel, Otto, Detroit, Mich. Valve seat construction. 2,344,657; Mar. 21.
Thiel, Otto, Detroit, Mich. Valve control means. 2,344,658; Mar. 21.
Thiele, Ernest W., assignor to Standard Oil Company, Chicago, Ill. Catalytic hydrocarbon conversion process. 2,347,299; Apr. 25.
Thieman Harvester Company, The. (See Thieman, Herman H., assignor.)
Thieman, Herman H., assignor to The Thieman Harvester Company, Albert City, Iowa. Wagon. 2,342,618; Feb. 22.
Thieme, George B., Richmond Hill, assignor to Bendix Aviation Corporation, South Bend, Ind. Safety device. 2,364,252; Dec. 5.
Thierwechter, Morton E., Toledo, Ohio. Tool. 2,347,300; Apr. 25.
Thies, Henry. (See Russell, J. D., and Thies.)
Thiessen, Walter H. (See Winter, W. A., Rush, and Thiessen.)
Thigpen, Thelma T., near Sandoval, Ill., assignor to Shell Development Company, San Francisco, Calif. Polished rod pumper jack. 2,351,576; June 13.
Thiolus, Kurt, Eilenburg, Germany; vested in the Alien Property Custodian. Polyamide. 2,338,469; Jan. 4.
Thiolus, Kurt, Eilenburg, Germany; vested in the Alien Property Custodian. Mutual precipitation of polyamides and cellulose. 2,347,525; Apr. 25.
Thiokol Corporation. (See Hooker, G. W., Stowe, and Stessner, assignors.)
Thiokol Corporation. (See Patrick, Joseph C., assignor.)
Thiollet, Robert. (See Chomette, A., and Thiollet.)
Thiriwell, Thomas W., Mount Vernon, Ohio. Switch. 2,347,342; Apr. 25.
Thirlwell, Thomas W., Akron, Ohio. Electric switch. 2,365,120; Dec. 12.
Thoenen, Marie, et al. (See Bruen, George C., assignor.)
Tholl, John F., Needham, assignor to American Tool & Machine Co., Boston, Mass. Centrifugal separator. 2,358,779; Sept. 26.
Tholstrup, Henry L. (See Nichols, H. J., and Tholstrup.)
Thom, Alexander W., Brooklyn, and W. Fryer, New York, N. Y. Flange wrench. 2,357,562; Sept. 5.
Thöm, Kurt, Berlin-Lichterfelde, Germany; vested in the Alien Property Custodian. Photoelectric signal amplifier. 2,342,521; Feb. 22.
Thoma, Heinrich, Zurich, Switzerland. Exhaust plant for spinning machines for catching and removing thread ends. 2,354,893; Aug. 1.
Thoma, Willard F., Detroit, and F. W. Beyer, Grosse Pointe, assignors to National Stamping Company, Detroit, Mich. Shell charger. 2,355,574; Aug. 8.
Thoma, Willard F., assignor to National Stamping Company, Detroit, Mich. Shell charger. 2,357,294; Sept. 5.
Thoma, Willard F., assignor to National Stamping Company, Detroit, Mich. Seat slide structure. 2,360,805; Oct. 17.
Thomann, Arthur W., Nutley, and G. F. Wallicenus, Summit, assignors to Worthington Pump and Machinery Corporation, Harrison, N. J. Rotor unit. 2,365,310; Dec. 19.
Thomann, Rudolf. (See Misslin, E. E., and Thomann.)
Thomas, Albert H. J., Carshalton Beeches, assignor to Rollason Aircraft Instruments and Equipment Limited, Purley, England. Undercarriage leg for aircraft. 2,360,988; Oct. 24.
Thomas, Albert R., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,347,757; May 2.
Thomas, Albert R., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,352,814; July 4.
Thomas, Albert R., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,353,859; July 18.
Thomas, Albert N., assignor to Thomas Hydraulic Speed Controls, Incorporated, Dodge City, Kans. Hydraulic clutch. Re. 22,377; Dec. 12.
Thomas, Allan C., Cumberland, Md., assignor to Celanese Corporation of America. Stop motion for knitting machines and the like. 2,346,240; Apr. 11.
Thomas, Berwyn B. (See Frommuller, D., and Thomas.)
Thomas, Charles A., Dayton, Ohio, and S. B. Luce, Springfield, Mass., assignors to Monsanto Chemical Company, St. Louis, Mo. Polyvinyl resin and manufacturing the same. 2,360,308; Oct. 10.
Thomas, Charles A., Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Copolymerization product of vinyl chloride and vinyl fluoride. 2,362,960; Nov. 14.
Thomas, Charles A., Montgomery County, Ohio, assignor to Monsanto Chemical Company. Production of oxygen containing hydrocarbons. 2,365,851; Dec. 26.
Thomas, Charles D. (See Hofheins, R. W., Harrington, Thomas, and Duboscland.)
Thomas, Charles L., assignor to Universal Oil Products Company, Chicago, Ill. Reactivation of spent catalyst. 2,338,881; Jan. 11.
Thomas, Charles L., assignor to Universal Oil Products Company, Chicago, Ill. Hydrocarbon conversion. 2,339,918; Jan. 25.
Thomas, Charles L., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Hydrocarbon synthesis. 2,340,908; Feb. 8.
Thomas, Charles L., assignor to Universal Oil Products Company, Chicago, Ill. Catalytic conversion of hydrocarbons. 2,342,983; Feb. 29.
Thomas, Charles L., assignor to Universal Oil Products Company, Chicago, Ill. Catalytic cracking. 2,342,984; Feb. 29.
Thomas, Charles L., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,352,236; June 27.
Thomas, Charles L., assignor to Universal Oil Products Company, Chicago, Ill. Catalytic conversion of hydrocarbons. 2,358,888; Sept. 26.
Thomas, Charles L., assignor to Universal Oil Products Company, Chicago, Ill. Catalytic conversion of hydrocarbons. 2,363,025; Nov. 21.
Thomas, Charles L., assignor to Universal Oil Products Company, Chicago, Ill. Hydrocarbon conversion. 2,363,911; Nov. 28.
Thomas, Charles L., assignor to Universal Oil Products Company, Chicago, Ill. Isomerization of hydrocarbons. 2,365,017; Dec. 26.
Thomas, Charles L., and H. S. Bloch, assignors to Universal Oil Products Company, Chicago, Ill. Catalytic reforming. 2,352,416; June 27.
Thomas, Charles L., and J. D. Danforth, assignors to Universal Oil Products Company, Chicago, Ill. Catalytic treatment of hydrocarbons. 2,339,302; Jan. 18.
Thomas, Charles L., and J. D. Danforth, assignors to Universal Oil Products Company, Chicago, Ill. Fluid catalyst process. 2,358,039; Sept. 12.
Thomas, Charles L., and E. C. Lee, assignors to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oil. 2,347,648; May 2.

Thomas, Charles W., Elkins Park, assignor to Keystone Index Card Company, Philadelphia, Pa. Making notebook plastic binding. 2,354,094; July 18.
Thomas, Chester A., Crystal Lake, Ill. assignor to Babson Bros. Co. Milk cooler. 2,365,024; Dec. 12.
Thomas, David W., assignor to The Youngstown Metal Products Company, Youngstown, Ohio. Forming sheet metal articles. 2,348,663; May 9.
Thomas, Deane S., Jr., U. S. Army, assignor to Eastman Kodak Company, Rochester, N. Y. Incorporating coloring materials in gelatin. 2,360,289; Oct. 10.
Thomas, Frank E., Chicago, Ill. Toy silo filler. 2,340,826; Feb. 1.
Thomas, Frank E., Chicago, Ill. Exhibiting top. 2,347,649; May 2.
Thomas, Frank E., Chicago, Ill. Treadmill toy. 2,364,253; Dec. 5.
Thomas, Frederick M. (See Fedden, A. H. R., and Thomas.)
Thomas, Frederick M., assignor to The De Havilland Aircraft Company Limited, Hatfield Aerodrome, Hertfordshire, England. Variable pitch airscrew. 2,348,764; May 16.
Thomas, George P., Glenshaw, Pa. Worktable for metal perforating machines. 2,340,236; Jan. 25.
Thomas, Harry E., Haddonfield, N. J., assignor to Radio Corporation of America. Regenerative detector circuit. 2,345,511; Mar. 28.
Thomas, Harry W., Miami Beach, Fla. Rollable window screen. 2,349,226; May 16.
Thomas, Harry W., Miami Beach, Fla. Screen material. 2,364,404; Dec. 5.
Thomas, Henry L. (See Truslow, J. L., and Thomas.)
Thomas Hydraulic Speed Controls, Incorporated. (See Thomas, Albert N., assignor.)
Thomas, John H., Perrysburg, and N. Dragics, Newark, Ohio, assignors to Owens-Corning Fiberglas Corporation. Pressure regulator. 2,339,690; Jan. 18.
Thomas, John H., Perrysburg, and E. Fletcher, Newark, Ohio, assignors to Owens-Corning Fiberglas Corporation. High-speed traversing means. 2,364,509; Dec. 5.
Thomas, John W., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Closure reforming method and apparatus. 2,339,119; Jan. 11.
Thomas, John W., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Method and apparatus for applying closures to containers. 2,358,889; Sept. 26.
Thomas, Joseph J., Springfield, Mass., R. A. Diehm, Appleton, Wis., and I. C. Somerville, assignors to Röhm & Haas Company, Philadelphia, Pa. Paper manufacture. 2,352,922; July 4.
Thomas, Laurence H. (See Kuhn, F., and Thomas.)
Thomas, Norman H. (See Thomas, Norman M. and N. H.)
Thomas, Norman M., Medford Lakes, and N. H. Thomas, South Orange, N. J., assignors to Joe Lowe Corporation, New York, N. Y. Dipping coating for frozen confectionery products. 2,364,592; Dec. 5.
Thomas, Pacific J., Wyoming, assignor to U. S. Textile Machine Company, Scranton, Pa. Mandrel. 2,365,980; Dec. 26.
Thomas, Prentice M., and J. H. Barton, Columbus, Ga. Drawing and cleaning attachment for carding machines. 2,357,982; Sept. 12.
Thomas, Ralph M., Stockton, Calif. Fruit collecting chute for ladders and the like. 2,348,504; May 9.
Thomas, Robert M. (See Rosen, R., and Thomas.)
Thomas, Robert M. (See Sparks, W. J., and Thomas.)
Thomas, Robert M., Union, and W. J. Sparks, Cranford, N. J., assignors to Jasco, Incorporated. Lubricant. 2,356,127; Aug. 22.
Thomas, Robert M., Union, and W. J. Sparks, Cranford, N. J., assignors, by mesne assignments, to Jasco, Incorporated. Mixed olefinic polymerization process and product. 2,356,128; Aug. 22.
Thomas, Robert M., Union, and W. J. Sparks, Elizabeth, N. J., assignors, by mesne assignments, to Jasco, Incorporated. Olefin-diolefin copolymers. 2,356,130; Aug. 22.
Thomas, Robert M., Union, N. J., and W. J. Sparks, Alexandria, Va., assignors, by mesne assignments, to Jasco, Incorporated. Compositions. 2,356,955; Aug. 29.
Thomas, Roswell W., Bartlesville, Okla., assignor to Phillips Petroleum Company. Carburetor for higher than normal vapor pressure fuels. 2,343,488; Mar. 7.
Thomas, Roswell W., Birmingham, Mich., assignor to Phillips Petroleum Company. Self-service system for storage and utilization of fuel gases. 2,354,894; Aug. 1.
Thomas, Roswell W., Birmingham, Mich., assignor to Phillips Petroleum Company. Closure unit for containers. 2,357,620; Sept. 5.
Thomas, Roy N., East Orange, and T. I. Maslin, Bloomfield, N. J., assignors to General Electric Company. Electric switch. 2,356,631; Aug. 22.
Thomas, Samuel B., Wilmington, assignor to Shell Development Company, San Francisco, Calif. Apparatus for the preparation of catalysts. 2,349,230; May 16.
Thomas, Samuel E., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Isomerization of hydrocarbons. 2,351,577; June 13.
Thomas, Sherman A., Rochester, N. Y. Butter serving machine. 2,352,666; July 4.
Thomas, Stephen J., Long Beach, Calif. Water closet bowl. 2,358,265; Sept. 12.
Thomas, Thomas M., Huntington Park, assignor to Killefer Manufacturing Corporation, Los Angeles, Calif. Agricultural implement. 2,340,497; Feb. 1.
Thomas, Ulysses L., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Latch handle. 2,345,304; Mar. 28.
Thomas, William D., Jr. (See Cook, E. W., and Thomas.)
Thomas, Walter M. (See Wohnsiedler, H. P., and Thomas.)
Thomas, William, Chicago, Ill. Button type emblem holder. 2,339,364; Jan. 18.
Thomas, William D., Jr. (See Cook, E. W., and Thomas.)
Thomas, Willis H. (See Lindley, C., Jr., Goodyear, and Thomas.)
Thomas, Willis P., Highland Park, assignor to Diamond Power Specialty Corporation, Detroit, Mich. Soot blower control. 2,350,202; May 30.
Thomas, Willis P., Highland Park, assignor to Diamond Power Specialty Corporation, Detroit, Mich. Gauge glass. 2,351,162; June 13.
Thomas, Willis P., Highland Park, assignor to Diamond Power Specialty Corporation, Detroit, Mich. Boiler cleaner. 2,351,163; June 13.
Thomason, Hialmar, Los Angeles, Calif. Brake shoe grinder. 2,345,161; Mar. 28.
Thommen, Hans, assignor to Aktiengesellschaft Brown, Boveri & Cie., Baden, Switzerland. Multibreak switching device. 2,340,827; Feb. 1.
Thommen, Hans, A. Halm, and G. Brühlmann, assignors to Aktiengesellschaft Brown, Boveri & Cie, Baden, Switzerland. Gas blast circuit breaker. 2,364,254; Dec. 5.
Thompson, Albert R., Los Gatos, assignor to Food Machinery Corporation, San Jose, Calif. Pear preparation machine. 2,343,098; Feb. 29.
Thompson, Albert R., Los Gatos, assignor to Food Machinery Corporation, San Jose, Calif. Heat exchange apparatus. 2,344,184; Mar. 14.
Thompson, Albert R., Los Gatos, assignor to Food Machinery Corporation, San Jose, Calif. Filling machine. 2,346,056; Apr. 4.
Thompson, Albert R., Los Gatos, assignor to Food Machinery Corporation, San Jose, Calif. Apparatus for processing canned goods. 2,349,566; May 23.
Thompson, Albert R., Los Gatos, assignor to Food Machinery Corporation, San Jose, Calif. Food processing apparatus. 2,363,818; Nov. 28.
Thompson, Albert R., Los Gatos, and J. Bucher, Modesto, assignors to Food Machinery Corporation, San Jose, Calif. Apparatus for treating milk. 2,362,733; Nov. 14.
Thompson, Alfred W., and J. B. Armstrong, Ekalaka, Mont. Ventilated closet bowl. 2,351,560; June 13.
Thompson, Andrew C. (See Stoetzl, R. E., and Thompson.)
Thompson, Arthur H., assignor to Thompson-Bremer & Co., Chicago, Ill. Self-locking nut. 2,347,852; May 2.
Thompson, Arthur H., assignor to Thompson-Bremer & Co., Chicago, Ill. Manufacture of self-locking nuts. 2,347,853; May 2.
Thompson, Arthur J., Deer Lodge, Mont. Pump. 2,353,373; July 11.
Thompson, Boyce, Institute for Plant Research, Inc. (See Harvill, Edward, assignor.)
Thompson, Boyce, Institute for Plant Research, Inc. (See Hitchcock, A. E., and Zimmerman, assignors.)
Thompson-Bremer & Co. (See Thompson, Arthur H., assignor.)
Thompson, Donald C. (See Bradnack, J. H., Thompson, and Folmer.)
Thompson, Donald C., Roanoke, Va., assignor to American Viscose Corporation, Wilmington, Del. Cake flexing machine. 2,343,943; Mar. 14.
Thompson, Earl A., Bloomfield Hills, assignor to General Motors Corporation, Detroit, Mich. Fluid coupling rotor. 2,357,295; Sept. 5.
Thompson, Earl A., Bloomfield Hills, assignor to General Motors Corporation, Detroit, Mich. Clutch and gearing control. 2,362,418; Nov. 7.
Thompson, Elmer B., assignor to Globe Hoist Company, Des Moines, Iowa. Vehicle hoist. 2,342,311; Feb. 22.
Thompson, Elmer B., assignor to Globe Hoist Company, Des Moines, Iowa. Hand-operated boat hoist. 2,346,110; Apr. 4.
Thompson, Elmer B., assignor to Globe Hoist Company, Des Moines, Iowa. Hoist. 2,349,389; May 23.
Thompson, Elmer B., assignor to Globe Hoist Company, Des Moines, Iowa. Boat hoist. 2,352,457; June 27.
Thompson, Elmer O., Grasmere, N. Y., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Temperature compensator for inductance coils. 2,352,458; June 27.
Thompson, Elmer O., Grasmere, N. Y., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Phonograph. 2,359,808; Oct. 10.
Thompson, Ernest H. (See Bauman, G. C., Bolen, and Thompson.)
Thompson, Ernest H., Winnetka, assignor to Automatic Canteen Company of America, Chicago, Ill. Water filter. 2,358,748; Sept. 19.
Thompson, Ernest S., Stockton, Calif. Wire stripping tool. 2,363,758; Nov. 28.
Thompson, George H., Oakland, Calif. Welding stinger. 2,350,426; June 6.
Thompson, George H., Oakland, Calif. Welding stinger. 2,351,789; June 20.

Thompson, George W., Liverpool, England, assignor, by mesne assignments, to Automatic Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,339,438; Jan. 18.

Thompson Grinder Co., The. (See Baldenhofer, William G., assignor.)

Thompson Grinder Company, The. (See Baldenhofer, William G., assignor.)

Thompson, Harry C., Ludlow, Vt., assignor to Radio Corporation of America. Currentless grid tube. 2,358,542; Sept. 19.

Thompson, Harry H., assignor to Wingfoot Corporation, Akron, Ohio. Depigmentizing reclaimed rubber. 2,363,662; Dec. 26.

Thompson, Herbert L. (See Sill, G. A., and Thompson.)

Thompson, Hjalmar C., assignor to Deere & Company, Moline, Ill. Machine for threshing flax and the like. 2,338,308; Jan. 4.

Thompson, Howard A., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Coded feedback circuit for railway traffic control. 2,341,300; Feb. 8.

Thompson, Howard A., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling system. 2,357,236; Aug. 29.

Thompson, Howard A., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Coded feedback circuits for railway traffic control. 2,362,419; Nov. 7.

Thompson, Howard A., Edgewood, assignor to The Union Switch and Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,362,678; Nov. 14.

Thompson, James D., Eureka, Calif. Externally adjustable core for hollow ware dies. 2,339,527; Jan. 18.

Thompson, John H., assignor to R. E. Thompson, Glendale, Calif. Washer. 2,347,343; Apr. 25.

Thompson, John H., Burlingame, and E. T. Winslow, Saratoga, assignors to J. D. & A. B. Spreckels Company, San Francisco, Calif. Crystallizing material. 2,346,517; Apr. 11.

Thompson, John S., Palo Alto, Calif. Clothes drier. 2,353,374; July 11.

Thompson, John S., assignor to Parker Rust Proof Company, Detroit, Mich. Roller coating. 2,348,698; May 9.

Thompson, John W., Los Angeles, Calif. Safety landing field for airplanes. 2,358,426; Sept. 19.

Thompson, John W., and L. E. Booth, assignors to The Gallagher Company, Salt Lake City, Utah. Countercurrent froth flow flotation system. 2,350,943; June 6.

Thompson, Joseph R., assignor to The Hall China Company, East Liverpool, Ohio. Ceramic mold. 2,346,626; Apr. 11.

Thompson, Lee La V., Iowa Park, Tex. Conveyer. 2,348,664; May 9.

Thompson, Leland E., Merchantville, N. J., assignor to Radio Corporation of America. Noise limiter circuit. 2,357,983; Sept. 12.

Thompson, Leslie E., and A. Jenkins, London, England, assignors, by mesne assignments, to The Union Switch and Signal Company, Swissvale, Pa. Manufacture of alternating current rectifiers of the selenium type. 2,361,156; Oct. 24.

Thompson, Leslie E., and A. Jenkins, London, England, assignors, by mesne assignments, to The Union Switch and Signal Company, Swissvale, Pa. Alternating electric current rectifier of the selenium type. 2,361,157; Oct. 24.

Thompson, Lincoln, Cheshire, assignor to The Soundscriber Corporation, New Haven, Conn. Automatic volume control for telephone recording apparatuses. 2,340,159; Jan. 25.

Thompson, Lincoln, Cheshire, assignor to The Soundscriber Corporation, New Haven, Conn. Control circuit for sound recording apparatuses. 2,342,503; Feb. 22.

Thompson, Lincoln, Cheshire, assignor to The Soundscriber Corporation, New Haven, Conn. Stylus head mounting for dictating machines. 2,354,558; July 25.

Thompson, Lincoln, Cheshire, assignor to The Soundscriber Corporation, New Haven, Conn. Pickup feed mechanism for phonographs. 2,357,033; Aug. 29.

Thompson, Lincoln, Cheshire, and R. L. Stone, Orange, assignors to The Soundscriber Corporation, New Haven, Conn. Counterbalanced pickup arm. 2,357,034; Aug. 29.

Thompson, Lincoln, Cheshire, and R. L. Stone, Hamden, assignors to The Soundscriber Corporation, New Haven, Conn. Stylus brace for stepback mechanisms. 2,360,021; Oct. 10.

Thompson, Loren E., Parkersburg, W. Va., Abrading wheel. 2,351,561; June 13.

Thompson, Marvin R. (See Martin, G. J., and Thompson, assignors.)

Thompson, Meyer, Los Angeles, Calif. Deep fat frying kettle. 2,354,487; July 25.

Thompson, Milton L., assignor, by mesne assignments, to Philco Radio and Television Corporation, Philadelphia, Pa. Remote control system for radio receivers and the like. 2,357,237; Aug. 29.

Thompson, Norman D., Milwaukee, Wis. Bearing for sliding doors or the like. 2,353,976; July 18.

Thompson, Oscar T., Neenah, and S. N. Hope, Wauwatosa, Wis., assignors to International Cellucotton Products Company, Chicago, Ill. Vending machine. 2,359,398; Oct. 3.

Thompson, Parke H., Glendale, Mo. Refrigerating mechanism. 2,363,705; Nov. 28.

Thompson, Peter, New Orleans, La. Cargo ship construction. 2,364,928; Dec. 12.

Thompson Products, Incorporated. (See Booth, James H., assignor.)

Thompson Products Incorporated. (See Booth, J. H., and Venditty, assignors.)

Thompson Products Incorporated. (See Caserta, Michele, assignor.)

Thompson Products Incorporated. (See Colwell, Archie T., assignor.)

Thompson Products, Incorporated. (See Gair, Albert W., assignor.)

Thompson Products Incorporated. (See Graham, Matthew P., assignor.)

Thompson Products Incorporated. (See Graham, M. P., and Venditty, assignors.)

Thompson Products Incorporated. (See Hufferd, George H., assignor.)

Thompson Products Incorporated. (See Johnson, George O., assignor.)

Thompson Products, Incorporated. (See McDill, Rex D., assignor.)

Thompson Products Incorporated. (See Snyder, J. R., and Townhill, assignors.)

Thompson Products, Incorporated. (See Townhill, Arthur, assignor.)

Thompson Products Incorporated. (See Venditty, Anthony, assignor.)

Thompson Products, Incorporated. (See Young, J. W., and Lansing, assignors.)

Thompson, Ralph C., Cleveland Heights, assignor to Simplex Products Corporation, Cleveland, Ohio. Shaft seal. 2,348,939; May 16.

Thompson, Richard A., assignor to Colonial Broach Company, Detroit, Mich. Apparatus for machining spiral grooves. 2,354,411; July 25.

Thompson, Richard B. (See Halley, H. O., and Thompson.)

Thompson, Richard C., Cohasset, assignor to Sturtevant Mill Company, Boston, Mass. Apparatus for removing solid particles from air streams. 2,360,595; Oct. 17.

Thompson, Robert H., Inyokern, Calif. Fluid pressure actuated mechanism and control for the same. 2,344,276; Mar. 14.

Thompson, Ruel R. (See Thompson, John H., assignor.)

Thompson, Russell G., Elmira, N. Y. Generator regulating system. 2,339,037; Jan. 11.

Thompson, Russell G., Elmira, N. Y. Current regulating system. 2,339,526; Jan. 18.

Thompson, Russell G., Elmira, N. Y. Projectile. 2,343,344; Mar. 7.

Thompson, Russell G., Elmira, N. Y. Generator regulator. 2,358,482; Sept. 19.

Thompson, Tom H., assignor to Builder-Thompson Engineering & Research Corporation, Detroit, Mich. Pump. 2,349,773; May 23.

Thompson, Tom H., Detroit, Mich., assignor to Builder-Thompson Engineering and Research Corporation. Suspension system for vehicles. 2,361,575; Oct. 31.

Thompson, Walter S., Los Angeles, Calif., assignor to Radio Corporation of America. Current control system. 2,357,704; Sept. 5.

Thompson, William C., Oakland, Calif. Camera. 2,356,363; Aug. 22.

Thompson, William C., San Fernando, Calif. Tractor vehicle. 2,361,800; Oct. 31.

Thompson, William H., Chatham, assignor to Davis Engineering Corporation, Elizabeth, N. J. Heat exchanger. 2,351,239; June 13.

Thompson, Willis F., Portland, Maine, assignor to The Alden Speare's Sons Co., Cambridge, Mass. Siphon assembly. 2,341,129; Feb. 8.

Thompson, Willis F., Portland, Maine, assignor to The Alden Speare's Sons Co., Cambridge, Mass. Pump. 2,360,085; Oct. 10.

Thompson, Willis F., Portland, Maine, and T. P. Callahan, Woburn, assignors to The Alden Speare's Sons Co., Cambridge, Mass. Combination hand truck and lift. 2,357,784; Sept. 5.

Thomsen, Hugo, Washington, D. C. Binder. 2,365,607; Dec. 19.

Thomsen, William A. V., Montclair, N. J., assignor to Specialties Development Corporation, Bloomfield, N. J. Actuator. 2,355,185; Aug. 8.

Thomson, Alex, administrator. (See Johnson, Victor S.)

Thor, Oscar, Kearny, N. J. Display cabinet. 2,347,139; Apr. 18.

Thornbery, John H., and T. A. Wetsel, assignors to Milwaukee Gas Specialty Company, Milwaukee, Wis. Trip means for safety control devices and the like. 2,340,234; Jan. 25.

Thornburg, Herbal A., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Engine starter. 2,354,844; Aug. 1.

Thornburg, Herbert W., assignor to Bucyrus-Erie Company, South Milwaukee, Wis. Portable drill. 2,340,361; Feb. 1.

Thornburg, Herbert W., assignor to Bucyrus-Erie Company, South Milwaukee, Wis. Counterweighted spudding gear. 2,347,224; Apr. 25.

Thornburgh, Luther F., et al. (See Frost, Roy H. assignor.)

Thorne, Harry H., Rockford, Ill. Scribing tool. 2,345,367; Mar. 28.

Thorne, Robert W., U. S. Army, Schofield Barracks, Hawaii. Hoist. 2,356,800; Aug. 29.

Thorne, Ward, Westport, Conn., assignor to Linen Guild, Inc., New York, N. Y. Stencil printing mechanism. 2,355,930; Aug. 15.

Thorne, William F., Minneapolis, Minn. Portable grain storage tank. 2,357,705; Sept. 5.

Thorneloe, Ava S., executrix. (See Thorneloe, Keith C.)

Thorneloe, Keith C., Wilton Woods, Va., deceased, Ava S. Thorneloe, executrix. Preparing condensed low lactose skim milk for storage and recovery of lactose therefrom. 2,349,227; May 16.

Thornhill, Peter W., Leamington Spa, England. Liquid damped resilient suspension device for vehicles. 2,342,381; Feb. 22.

Thornhill, Peter W., Leamington Spa, assignor to J. H. Onions, Coventry, England. Liquid damped telescopic shock absorber. 2,348,160; May 2.

Thornhill, Peter W., Leamington Spa, assignor to J. H. Onions, Coventry, England. Shock absorber. 2,352,351; June 27.

Thornhill, Peter W., Leamington Spa, assignor to Automatic Products Company, Limited and The Ribbesford Company, Limited, Leamington Spa, England. Packing device for fluid pressure apparatus. 2,353,977; July 18.

Thornhill, Peter W., Leamington Spa, assignor to J. H. Onions, Coventry, England. Shock absorbing suspension device for vehicles. 2,356,481; Aug. 22.

Thornley, Basil D. and S. Hilton, Wilmslow, assignors to Benger's Limited, Holmes Chapel, Cheshire, England. Manufacture of rennet. 2,352,037; June 20.

Thornton, David B., West Newton, assignor to The Reece Button Hole Machine Company, Boston, Mass. Work clamping mechanism. 2,348,241; Apr. 11.

Thornton, David B., West Newton, assignor to The Reece Button Hole Machine Company, Boston, Mass. Buttonhole sewing machine. 2,354,559; July 25.

Thornton, Edward C., Youngstown, Ohio. Wheel for chairs. 2,354,845; Aug. 1.

Thornton, George W. (See Thornton, Richard D., assignor.)

Thornton, Henry M., York, Pa., assignor to The Dentists' Supply Company of New York, New York, N. Y. Forming artificial teeth. 2,345,305; Mar. 28.

Thornton, Horace R., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Strand tension indicating device. 2,353,092; July 4.

Thornton, James F. (See Gibb, J. A., and Thornton.)

Thornton, James F., Bronxville, assignor to The Lummus Company, New York, N. Y. Dewaxing apparatus. 2,350,944; June 6.

Thornton, Max H. (See Kraybill, H. R., Brewer, and Thornton.)

Thornton, Richard D., Austin, assignor of one-half to G. W. Thornton, Dallas, Tex. Evaporative cooling unit. 2,343,820; Mar. 7.

Thorp, Joel R., assignor to The Fulton Company, West Allis, Wis. Fan. 2,349,474; May 23.

Thorp, Joel R., and S. Strand, assignors to The Fulton Company, West Allis, Wis. Switch assemblage. 2,336,365; Jan. 4.

Thorpe, Howard H. (See Hayes, C. B., and Thorpe.)

Thorsberg, Eric A., Mahopac, N. Y. Attachment for milling machines. 2,364,328; Dec. 5.

Thorsen, E. M., et al. (See Bruen, George C., assignor.)

Thorson, Alvin O., Puyallup, Wash. Shield for welders' hood windows. 2,352,417; June 27.

Thorup, Abraham B., Salt Lake City, Utah. Chick box. 2,339,729; Jan. 18.

Thrailkill, Orville W., Wellington, Kans. Filing tool. 2,354,716; Aug. 1.

Threefold Corporation. (See Schleicher, Carl, assignor.)

Throckmorton, Edgerton A., Dundee, assignor to Container Corporation of America, Chicago, Ill. Carton. 2,349,020; May 16.

Throckmorton, John W. (See Wallis, J. S., and Throckmorton.)

Throckmorton, John W., Wilton, Conn., assignor to Petro-Chem Process Company Incorporated. Furnace construction. 2,348,099; May 2.

Throckmorton, John W., Wilton, and J. S. Wallis, Darien, Conn., assignors to Petro-Chem Development Company, New York, N. Y. Furnace construction. 2,340,287; Feb. 1.

Throne, Gordon. (See Hoffman, D. E., and Throne.)

Thrune, Richard L., assignor to The Dow Chemical Company, Midland, Mich. Extinguishing light metal fires. 2,346,627; Apr. 11.

Thrush Company, The. (See Thrush, Marquis O., assignor.)

Thrush, Marquis O., assignor to The Thrush Company, Peru, Ind. Water circulator. 2,356,482; Aug. 22.

Thrush, Marquis O., assignor to The Thrush Company, Peru, Ind. Self-lubricated bearing. 2,358,669; Sept. 19

Thrush, Marquis O., assignor to The Thrush Company, Peru, Ind. Water circulator. 2,358,670; Sept. 19.

Thulander, John I. (See Hennessy, J. F., and Thulander.)

Thurber, Elmer A. (See Holdaway, V. L., Thurber, and Wooten.)

Thurber, Elmer A., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron emitting element. 2,352,137; June 20.

Thurber, Elmer A., Brooklyn, N. Y., and L. A. Wooten, Maplewood, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Carbonizing. 2,356,956; Aug. 29.

Thurman, William B., and E. A. Glynn, assignors to Super Mold Corporation of California, Lodi, Calif. Reduction mill. 2,360,086; Oct. 10.

Thurmond, Gilbert I. (See Jacokes, J. W., Schilthuis, and Thurmond.)

Thurmond, Gilbert I. (See Moritz, A. J. L., Jackson, and Thurmond.)

Thurmond, Modie H., Cuba, Mo. Indicator for terracing apparatus. 2,362,325; Nov. 7.

Thurston, David B. (See Yujuico, P. S., and Thurston.)

Thurston, Jack T. (See Caryl, C. R., Thurston, and Kaiser.)

Thurston, Jack T. Riverside, Conn., assignor to American Cyanamid Company, New York, N. Y. Textile finishing. 2,357,273; Aug. 29.

Thurston, Jack T., Cos Cob, and J. M. Grim, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Aromatic glyceryl esters of alpha-hydroxy isobutyric acids. 2,362,326; Nov. 7.

Thurston, Jack T., Riverside, and D. E. Nagy, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. N,N'-diarylamidines. 2,364,593; Dec. 5.

Thurston, Jack T., Riverside, and R. L. Sperry, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Preparation of acid salts of guanylthiourea. 2,364,594; Dec. 5.

Thwaites, Leslie B., Cubbington, near Leamington Spa, England. Power-operated loading gear for vehicles. 2,346,404; Apr. 11.

Thysse, John, Alameda, Calif. Pipe wrench. 2,360,454; Oct. 17.

Tibbetts, Raymond F., Los Angeles, Calif. Forward draw spring holster. 2,347,006; Apr. 18.

Tiberghien, Marcel, Muizon, France; vested in the Alien Property Custodian. Rubber-insert paving block. 2,342,825; Feb. 29.

Tibone, James J., Oceanside, and O. Stoye, Rockville Centre, N. Y. Surgical instrument. 2,345,639; Apr. 4.

Tice, Reuben S., Monterey, Calif. Radio remote control receiver. 2,356,364; Aug. 22.

Tichauer, Gerhard, Oranjezicht, Cape Town, Cape Province, Union of South Africa. Planimeter. 2,343,821; Mar. 7.

Tichenor, Don L., assignor to United Steel & Wire Company, Bottle Creek, Mich. Meat mold. 2,350,427; June 6.

Tichenor, Harold D., assignor to The Wabash Fibre Box Company, Terre Haute, Ind. Box. 2,364,829; Dec. 12.

Tickel, Walter D., Norman, Okla. Antibursting device for pipes. 2,360,596; Oct. 17.

Tickell, Arthur J., Bethany, assignor of one-half to J. J. Leary, New Haven, Conn. Warning signal for refrigerators and the like. 2,358,425; Sept. 19.

Tidd, Edwin B., Mount Prospect, assignor to Bell & Gossett Company, Morton Grove, Ill. Hot water heating system. 2,343,856; Mar. 7.

Tide Water Associated Oil Company. (See Churchill, L. R., Schott, and Waugh, assignors.)

Tide Water Associated Oil Company. (See Gilbert, Everett E., assignor.)

Tide Water Associated Oil Company. (See Waugh, Stanley P., assignor.)

Tide Water Associated Oil Company. (See Winding, Charles C., assignor.)

Tide Water Associated Oil Company. (See Zellner, Carl N., assignor.)

Tiede, Ralph L., Newark, Ohio, assignor to Owens-Corning Fiberglas Corporation. Apparatus for feeding glass in the manufacture of fibers. 2,360,373; Oct. 17.

Tiede, William A., Bridgeport, Mich. Chuck. 2,360,175; Oct. 10.

Tiedemann, Hans, Akasaka-ku, Tokyo, Japan; vested in the Alien Property Custodian. Decomposition of sodium aluminate liquor. 2,356,547; Aug. 22.

Tiedemann, Julius B., Milwaukee, and B. G. Winstrom, Granville, assignors to A. O. Smith Corporation, Milwaukee, Wis. Stock-feeding mechanism for swaging machines. 2,353,526; July 11.

Tiemann, Ralph A., Los Angeles, Calif., assignor to Larkin Packer Company, St. Louis, Mo. Casing shoe. 2,340,406; Feb. 1.

Tienken, Louis C., Jr., Old Greenwich, and M. B. Vordahl, Milford, Conn., assignors to Remington Arms Company, Inc. Ammunition. 2,350,574; June 6.

Tierney, James Luke, Five Dock, New South Wales, Australia. Automatic latch for gates. 2,341,127; Feb. 8.

Tierney, John J., Springfield, Mass. Casket handle. 2,343,127; Feb. 29.

Tiesler, Adolph E., Pearl River, assignor to Lederle Laboratories, Inc., New York, N. Y. Preparation of 4-pyridine sulphonamides and related compounds. 2,349,060; May 16.

Tietig, Chester. (See Deutsch, Alexander T., assignor.)
Tietig, Chester, Covington, Ky. Solution feeding or decanting apparatus. 2,354,623; July 25.
Tietze, Alvin E. J., Houston, Tex. Window rain shield. 2,350,296; May 30.
Tilbrook, Gilmore L., Washington, D. C. Rythmeter for determining sterility and fertility. 2,343,592; Mar. 7
Tilco-Fin, Inc. (See Schryber, Emil A., assignor.)
Tilden, Sydney G., Stewart Manor, N. Y. Brake shoe clamping device. 2,358,483; Sept. 19.
Tillander, Gunnar, Langnugen, Stocksund, Sweden. Magnetic compass. 2,359,691; Oct. 3.
Tillery, William F., Honolulu, Hawaii. Fuel tank. 2,339,303; Jan. 18.
Tillman, Ferdinand J., St. Louis, Mo. Calculating machine. 2,347,720; May 2.
Tillman, Ferdinand J., St. Louis, Mo. Calculating attachment for typewriters and the like. 2,359,809; Oct. 10.
Tillotson, Neil E., Watertown, Mass. Making dipped rubber articles. 2,359,948; Oct. 10.
Tillyer, Edgar D., C. G. Silverberg, and D. P. Bernheim, assignors to American Optical Company, Southbridge, Mass. Manufacturing prisms. 2,361,514; Oct. 31.
Tiltch, Russell G., Mountain Lakes, N. J., assignor to Otis Elevator Company, New York, N. Y. Sheave gauge. 2,357,437; Sept. 5.
Timber Engineering Company. (See Myer, J. E., and Uhl, assignors.)
Timber Structures, Inc. (See Winkel, Victor J., assignor.)
Timbie, William S., Oak Park, Ill. Umbrella, and apparatus for manufacturing same. 2,341,399; Feb. 8.
Time Incorporated. (See Coleman, Roy E., assignor.)
Times Telephoto Equipment Inc. (See Cooley, Austin G., assignor.)
Timken-Detroit Axle Company, The. (See Alden, Herbert W., assignor.)
Timken-Detroit Axle Company, The. (See Alden, H. W., and Keese, assignors.)
Timken-Detroit Axle Company. (See Buckendale, Lawrence R., assignor.)
Timken-Detroit Axle Company, The. (See Harper, Emanoel, assignor.)
Timken-Detroit Axle Company, The. (See Keese, Beverly W., assignor.)
Timken-Detroit Axle Company, The. (See Morgan, Mathew B., assignor.)
Timken-Detroit Axle Company, The. (See Powers, M. A., and Sutterfield, assignors.)
Timken-Detroit Axle Company, The. (See Snow, Herbert C., assignor.)
Timken Roller Bearing Company, The. (See Boden, Ernest G., assignor.)
Timken Roller Bearing Company, The. (See Bonte, Frederick R., assignor.)
Timken Roller Bearing Company, The. (See Buckwalter, Tracy V., assignor.)
Timken Roller Bearing Company, The. (See Edwards, Herbert C., assignor.)
Timken Roller Bearing Company, The. (See Hagen, Karl R., assignor.)
Timken Roller Bearing Company, The. (See Haines, Harry F., assignor.)
Timken Roller Bearing Company, The. (See Kilayin, George W., assignor.)
Timken Roller Bearing Company, The. (See Scribner, William L., assignor.)
Timm Aircraft Corporation. (See Lewis, William D., assignor.)
Timm, Roy C., assignor to Trico Products Corporation, Buffalo, N. Y. Valve action. 2,338,690; Jan. 4.
Timpson, Lewis G. M., Plainfield, assignor to Pyrene-Minimax Corporation, Newark, N. J. Method of and apparatus for proportioning liquids. 2,356,286; Aug. 22.
Tindall, John B., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Reduction of nitro hydroxy compounds. 2,347,621; Apr. 25.
Tindall, John B., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Production of chlorinated nitro hydrocarbons. 2,365,981; Dec. 26.
Tinglof, Charles W., Milwaukee, and W. P. Reilly, Menomonie Falls, Wis. V-belt fastener. 2,362,949; Nov. 14.
Tinius Olsen Testing Machine Company. (See Lawrie, George C., assignor.)
Tinius Olsen Testing Machine Company. (See Lundgren, Jacob, assignor.)
Tinius Olsen Testing Machine Company. (See MacBride, Herbert L., assignor.)
Tinius Olsen Testing Machine Company. (See Sivertsen, Jens, assignor.)
Tinker, John M. (See Murphy, A. R., Rossander, Croco, and Tinker.)
Tinker, John M., Pennsgrove, N. J., and A. L. Linch, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Complex quaternary ammonium compounds. 2,359,884; Oct. 10.
Tinker, Oscar A., Mount Lebanon, Pa., assignor to National Tube Company. Thrust bearing. 2,345,437; Mar. 28.
Tinker, Walter H., Boston, Mass. Steam injector. 2,349,123; May 16.
Tinnerman Products, Inc. (See Tinnerman, George A., assignor.)
Tinnerman, George A., assignor, by mesne assignments, to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. Re. 22,543; Sept. 5.
Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Shelf support mounting or the like. Re. 22,544; Sept. 5.
Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,339,664; Jan. 18.
Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Snap clamp. 2,340,711; Feb. 1.
Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Snap clamp. 2,340,712; Feb. 1.
Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Snap clamp. 2,340,713; Feb. 1.
Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Tool. 2,341,063; Feb. 8.
Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening means. 2,341,829; Feb. 15.
Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,342,064; Feb. 15.
Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,342,170; Feb. 22.
Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,342,312; Feb. 22.
Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,342,910; Feb. 29.
Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastener. 2,344,570; Mar. 21.
Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,346,200; Feb. 29.
Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,346,200; Apr. 11.
Tinnerman, George A., Rocky River, assignor, by mesne assignments, to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,346,712; Apr. 18.
Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Snap clamp. 2,351,790; June 20.
Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Locking fastener. 2,353,795; July 18.
Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Locking fastener. 2,353,796; July 18.
Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,355,485; Aug. 8.
Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,355,486; Aug. 8.
Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,358,607; Sept. 19.
Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Spring nut fastener or the like. 2,358,837; Sept. 26.
Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Spring nut fastener. 2,358,890; Sept. 26.
Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,362,679; Nov. 14.
Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,363,210; Nov. 21.
Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,364,880; Dec. 12.
Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,365,785; Dec. 26.
Tinnerman Products, Inc. (See Hartman, Richard A., assignor.)
Tinnerman Products, Inc. (See Judd, C. H., and Giammatteo, assignors.)
Tinnerman Products, Inc. (See Tinnerman, George A., assignor.)
Tinnin, Thomas D. (See Loftin, L. K., and Tinnin.)
Tinsley, John S., Highland Park, N. J., assignor to Hercules Powder Company, Wilmington, Del. Preparing mixed cellulose esters. 2,353,4623; July 11.
Tip Top Toy Company. (See Bobins, Adolf, assignor.)
Tirrell, Leslie L., Benton Harbor, Mich. Extinguishing fires. 2,361,980; Nov. 7.
Tirrell, Leslie L., Benton Harbor, Mich. Defrosting air. 2,361,981; Nov. 7.
Tirrell, Matthew V., Phillipsburg, N. J. Loom. 2,339,206; Jan. 11.
Tischbein, Wilhelm. (See Nelles, J., Bayer, Tischbein, and Baehren.)
Tischer, Friedrich. (See von Baeyer, H. J. R., Roosenstein, and Tischer.)
Tischer, Max, Bor U C Lipy, Czechoslovakia; vested in the Alien Property Custodian. Forming bright metallic deposit on the surface of objects. 2,355,166; Aug. 8.
Tiscornia, James A., San Jose, Calif. Temporary shoulder cape. 2,364,568; Dec. 5.
Tisdale, Leo S., Sr., Meridian, Miss. Automatic gun. 2,353,601; July 11.

Tishler, Max, assignor to Merck & Co., Inc., Rahway, N. J. Isolation of gramicidin. 2,365,409; Dec. 19.
Tishler, Max, Rahway, N. J., and J. W. Wellman, Cleveland Heights, Ohio, assignors to Merck & Co., Inc., Rahway, N. J. Preparing 1-(tetraacyl-d-ribitylamino)-4,5-dimethylbenzene. 2,342,438; Feb. 22.
Tishler, Max, Rahway, N. J., and G. H. Carlson, Pearl River, N. Y., assignors to Merck & Co., Inc., Rahway, N. J. Preparation of alloxazines and isoalloxazines. 2,350,376; June 6.
Tishler, Max, Rahway, N. J., and J. W. Wellman, Cleveland Heights, Ohio, assignors to Merck & Co., Inc., Rahway, N. J. Tetraacetyl ribonic acid nitrile. 2,358,191; Sept. 12.
Tissari, Oscar W., Philadelphia, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coating composition. 2,344,793; Mar. 21.
Titan Abrasives Company. (See Jockel, Rudolph, assignor.)
Titan Company Incorporated. (See Ancrum, Robert W., assignor.)
Titan Company Incorporated. (See Ravnestad, A. J., and Mikkelsen, assignors.)
Titanium Alloy Manufacturing Company, The. (See Frost, Leon J., assignor.)
Titanium Alloy Manufacturing Company, The. (See Frost, L. J., and Commons, assignors.)
Titanium Alloy Manufacturing Company, The. (See Kinzie, C. J., and Commons, assignors.)
Titanium Alloy Manufacturing Company, The. (See Kinzie, C. J., and Hake, assignors.)
Titanium Alloy Manufacturing Company, The. (See Kinzie, C. J., and Wainer, assignors.)
Titanium Alloy Manufacturing Company, The. (See Wainer, Eugene, assignor.)
Titeflex, Inc. (See Dunn, John, assignor.)
Titeflex, Inc. (See Ingalls, David, assignor.)
Titeflex, Inc. (See Peters, M. F., and Ingalls, assignors.)
Titeflex, Inc. (See Stone, R. Harry, assignor.)
Titlestad, Nicolay, White Plains, N. Y., and L. N. Allen, Jr., Nutley, N. J., assignors to Chemical Construction Corporation, New York, N. Y. Cooling of sulphur dioxide gases. 2,341,887; Feb. 15.
Titus, Birney D., and C. C. Blaine, El Dorado, Kans., assignors to Skelly Oil Company, Tulsa, Okla. Receptacle conveying and unloading apparatus. 2,341,128; Feb. 8.
Titus, Birney D., and C. C. Blaine, El Dorado, Kans., assignors to Skelly Oil Company, Tulsa, Okla. Apparatus for use in straightening metal barrels or the like. 2,352,575; June 27.
Titus, Fred E., Durango, Colo. Fishhook. 2,350,650; June 6.
Titus, John E. (See Kemmer, E. S., Titus, and Oyler.)
Tizzard, Thomas W., Jr., Downers Grove, Ill., assignor to The Union Switch and Signal Company, Swissvale, Pa. Railway signaling system. 2,341,343; Feb. 8.
Tizzard, Thomas W., Jr., Downers Grove, Ill., assignor to The Union Switch and Signal Company, Swissvale, Pa. Highway crossing signal control system. 2,346,518; Apr. 11.
Tjaarda, John, assignor to Briggs Manufacturing Company, Detroit, Mich. Aircraft engine gearing. 2,350,377; June 6.
Tjaarda, John, Grosse Pointe, and G. E. Ehrling, assignors to Briggs Manufacturing Company, Detroit, Mich. Engine. 2,347,721; May 2.
Tobacco By-Products and Chemical Corporation. (See Arnold, Robert B., assignor.)
Tobe Deutschmann Corporation. (See De vot, André J., assignor.)
Tobe Deutschmann Corporation. (See Sutter, Erwin L., assignor.)
Toblin Packing Co. (See Cross, G. L., and Miller, assignors.)
Tobin, Thomas T. (See Edelmann, L., and Tobin.)
Tobler, Richard. (See Kern, W., Sutter, and Tobler.)
Toce, Charles A., and R. F. Broussard, Houston, Tex., assignors, by direct and mesne assignments, to Vehicular Parking, Ltd., Newark, N. J. Automatic parking meter. 2,340,441; Feb. 1.
Toce, Charles A., and R. F. Broussard, Houston, Tex., assignors, by direct and mesne assignments, to Vehicular Parking, Ltd., Newark, N. J. Automatic meter. 2,340,442; Feb. 1.
Tod, John, Des Moines, Iowa, assignor to Interstate Bakeries Corporation, Kansas City, Mo. Apparatus for handling baked buns or the like. 2,347,007; Apr. 18.
Todd, Chester W., Ashford, Ala. Guano distributor. 2,338,882; Jan. 11.
Todd Company, The. (See Payne, Walter B., assignor.)
Todd Company, The. (See Smith, Burgess W., assignor.)
Todd, Edwin T., Pontiac, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Cooling system. 2,341,165; Feb. 8.
Todd, Edwin T., Pontiac, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Amphibian harness. 2,341,166; Feb. 8.
Todd, H. A., et al. (See Friedlaender, Ernest, assignor.)
Todd, Max F., Houston, Tex. Food forming and baking machine. 2,346,628; Apr. 11.
Todd, Russell T., assignor to McKay Machine Company, Youngstown, Ohio. Roller leveler. 2,353,375; July 11.
Todd, Seldon P., Gloucester City, and F. C. Verduin, Audubon, N. J., assignors to The Sherwin-Williams Company, Cleveland, Ohio. Manufacturing tetanium pigment. 2,355,187; Aug. 8.
Todoroff, Alexander N. (See McCann, P. S., and Todoroff.)
Toelcke, Magnus. (See Taeyaerts, J., and Toelcke.)
Toelle, Clarence C., Nashua, Minn. Tractor guide. 2,349,527; May 23.
Toennies, Gerrit, Gladwyne, assignor to The Lankenau Hospital, Philadelphia, Pa. Acetoxyamino acids and their preparation. 2,349,774; May 23.
Toepfer, Adolph H., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. High frequency excitation. 2,345,162; Mar. 28.
Toepfer, Adolph H., Los Angeles, Calif., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric discharge device. 2,365,608; Dec. 19.
Toepperwein, Gustav A., Los Angeles, Calif., assignor to Radio Corporation of America. Heating and cooling system. 2,357,706; Sept. 5.
Tofanelli, Olinto J., Oakland, Calif., assignor to American Can Company, New York, N. Y. Can cover. 2,352,667; July 4.
Toffiemire, Francis, Confluence, Pa. Mucking machine for use in shaft sinking and in caisson sinking. 2,358,543; Sept. 19.
Togesen, Alva A., Royal Oak, assignor to Bulldog Electric Products Company, Detroit, Mich. Adjustable connector for electrical distribution systems. 2,343,232; Feb. 29.
Toggenburger, John, Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,359,062; Sept. 26.
Tognola, Tullio, Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Spark plug and making the same. 2,348,427; May 9.
Tognola, Tullio, Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Ignition apparatus and making the same. 2,356,102; Aug. 15.
Tognola, Tullio, Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Spark plug and making the same. 2,356,104; Aug. 15.
Tokarz, Anthony J. (See Milne, W., and Tokarz.)
Tokheim Oil Tank and Pump Company. (See Bechtold, Reuben E., assignor.)
Tokheim Oil Tank and Pump Company. (See Eilers, Frank B., assignor.)
Tokheim Oil Tank and Pump Company. (See Waugh, Paul E., assignor.)
Toland, William C. (See Bassist, Ellis, assignor.)
Toland, William C., trustee. (See Bassist, Ellis, assignor.)
Toland, William C., and E. Bassist, Brookline, Mass., assignors to said Toland, as trustee. Etching printing plates. 2,361,665; Oct. 31.
Toledo Scale Company. (See Bennett, Geoffrey R., assignor.)
Toledo Scale Company. (See Bohannan, Robert S., assignor.)
Toledo Scale Company. (See Hem, Halvor O., assignor.)
Toledo Scale Company. (See Hem, Halvor W., assignor.)
Toledo Scale Company. (See Hurt, Samuel N., assignor.)
Toledo Scale Company. (See Kendall, Donald B., assignor.)
Toledo Scale Company. (See Marshall, C. O., and Williams, assignors.)
Toledo Scale Company. (See Stabler, Howard P., assignor.)
Toledo Scale Company. (See Walther, George W., assignor.)
Toledo Scale Company. (See Weckerly, Mark A., assignor.)
Toledo Scale Company. (See Williams, Lawrence S., assignor.)
Toledo Scale Company. (See Wood, George R., assignor.)
Toledo Scale Company. (See Yeasting, Maynard C., assignor.)
Tolen, Virgil R., Tinley Park, Ill., assignor to The Western Union Telegraph Company, New York, N. Y. Telegraph repeater. 2,345,953; Apr. 4.
Tolk, John F., assignor to O. S. Petty, San Antonio, Tex. Seismic surveying. 2,352,869; July 4.
Tölke, Friedrich, Berlin-Charlottenburg, Germany; vested in the Alien Property Custodian. Resilient tubular body. 2,352,038; June 20.
Tolle, Karl. (See Schade, W., and Tolle.)
Tollison, Paul L. (See Wood, H. A. W., Tollison, Ricards, and Isbell.)
Tollstrup, Duane H., Los Angeles, Calif. Caulking compound. 2,363,468; Nov. 21.
Tollsien, Ward C., Detroit, Mich., assignor to Spring Perch Co., Lackawanna, N. Y. Vehicle spring. 2,346,092; Apr. 4.
Tolman, John A., Detroit, Mich. Filtering member. 2,354,931; Aug. 1.
Tolman, Samuel L., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. System for treating sewage. 2,349,390; May 23.
Tolson, William A., Westmont, N. J., assignor to Radio Corporation of America. Sonic depth indicator. 2,346,093; Apr. 4.

Tolson, William A., Westmont, N. J., assignor to Radio Corporation of America. Television receiver. 2,358,544; Sept. 19.

Tolstoouhov, Alexander V. (See Hopkinson, R., and Tolstoouhov.)

Tomalis, Joseph J., assignor to American Screw Company, Providence, R. I. Screw for plastics. 2,352,982; July 4.

Tomkins-Johnson Company. (See Ward, Loyd A., assignor.)

Tomkins-Johnson Company. (See Ward, L. A., and Taylor, assignors.)

Tomlinson, Ritner W., North Wales, and H. G. Meyer, assignors to The Pennsylvania Salt Manufacturing Company, Philadelphia, Pa. Manufacture of aluminum sulphate. 2,350,575; June 6.

Tomlinson, Thomas, Spokane, Wash. Strainer. 2,357,438; Sept. 5.

Tomlinson, William R., Jr., Cos Cob, Conn., assignor to American Cyanamid Company, New York, N. Y. Refining a crude 1-naphthylacetic acid. 2,361,576; Oct. 31.

Tompkins, Edwin H., Buffalo, N. Y. Inner spring support. 2,345,438; Mar. 28.

Tompkins, Edwin H., Buffalo, N. Y. Therapeutic device. 2,345,439; Mar. 28.

Tondreau, Albert W., Los Angeles, Calif., assignor to Warner Bros. Pictures, Inc., New York, N. Y. Camera for color photography. 2,353,797; July 18.

Tondreau, Albert W., Hollywood, Calif., assignor to Warner Bros. Pictures, Inc., New York, N. Y. Film movement mechanism. 2,364,490; Dec. 5.

Tondreau, Albert W., Hollywood, and F. W. Gage, Beverly Hills, Calif., assignors to Warner Bros. Pictures, Inc. Film gate pressure pad. 2,357,707; Sept. 5.

Tone, Frederick F., Baldwin, N. Y., assignor to American Machine & Foundry Company. Mixing bowl handling mechanism. 2,339,439; Jan. 18.

Tone, Frederick F., Baldwin, N. Y., assignor to American Machine & Foundry Company. Single adjustment for vertically reciprocating tables. 2,360,910; Oct. 24.

Tongberg, Carl O. (See Tyson, C. W., and Tongberg.)

Tooker, Howard A. (See Schwartz, L. H., and Tooker.)

Toone, B., (Nottingham) Limited. (See Cole, Bernard T., assignor.)

Toone, B., (Nottingham) Limited. (See Toone, Ralph N., assignor.)

Toone, Ralph N., Wollaton Park, Nottingham, assignor to B. Toone (Nottingham) Limited, Nottingham, England. Knitting machine. 2,357,708; Sept. 5.

Tootal Broadhurst Lee Company Limited. (See Corteen, Harry, assignor.)

Topham, Laurence E., Wenham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Copying lathe. 2,365,311; Dec. 19.

Topjian, Daniel, Watertown, Mass., assignor, by mesne assignments, to himself, as trustee. Toilet powder dispensing device. 2,353,772; July 18.

Topjian, Daniel, Watertown, Mass., assignor, by mesne assignments, to himself, as trustee. Method of and composition for use in preserving sausage casings. 2,360,374; Oct. 17.

Topken, Katherine M., nee Katherine McGill. Support for telephone handsets. 2,354,470; July 25.

Toplies, Norman, Yonkers, assignor to Home Curtain Corp., New York, N. Y. Netted curtain. 2,365,500; Dec. 19.

Topolski, Walter L., Chicago, Ill. Merchandise wrapping. 2,360,597; Oct. 17.

Topp, Fred J., Springfield, Ohio. Smoking pipe. Re. 22,516; July 11.

Torbensen, Viggo V., Cleveland, Ohio. Refrigeration apparatus. 2,340,780; Feb. 1.

Torjussen, Karl, Brooklyn, N. Y., and J. Ingram, Oakland, Calif. Nonsmudge lip protector. 2,358,484; Sept. 19.

Torma, Joseph, Hamilton, Ontario, Conada. Machine for producing oval objects and frames. 2,350,428; June 6.

Tormey, James S. (See Barnhart, R. M., and Tormey.)

Tornberg, Henning T., Akron, Ohio, assignor to National Rubber Machinery Company. Platen press. 2,346,519; Apr. 11.

Tornblom, Nils A., Chicago, Ill., assignor to Appleton Electric Company. Clamping support for cables. 2,358,946; Sept. 26.

Törnberg, Josef E. R. M., Nassjo, Sweden. Jawed tool. 2,344,489; Feb. 8.

Toronto Type Foundry Company, Limited. (See Wilson, Robert, assignor.)

Torr, Thomas W., assignor to Rudy Furnace Company, Dowagiac, Mich. Heating furnace. 2,346,876; Apr. 18.

Torrence, Walter S., New York, N. Y. Fishing reel. 2,352,138; June 20.

Torrese, Apollo, Philadelphia, Pa., assignor to A. P. de Sanno & Son, Inc. Strip cutter. 2,365,663; Dec. 26.

Torrey, Edward L., Oakland, Calif. Burner for fluid fuel. 2,344,428; Mar. 14.

Torrington Company, The. (See Ball, Charles P., Jr., assignor.)

Torrington Manufacturing Co., The. (See Upson, Walter L., assignor.)

Torrington, William P. (See Ditto, M. W., and Torrington.)

Torrison, Theodore E., Robbinsdale, Minn. Ice cream cone holder. 2,362,595; Nov. 14.

Torstensson, Sture F. (See Blomqvist, G. M., and Torstensson.)

Tor-Vel Associates. (See Watson, Sydney C., assignor.)

Toscano, Louis P. and T. D., Lynbrook, N. Y. Fiber container. 2,343,716; Mar. 7.

Toscano, Theodore D. (See Toscano, Louis P. and T. D.)

Toth, Fred J., and D. S. Nutter, Bakersfield, assignors to Shell Development Company, San Francisco, Calif. Apparatus for determining production potentials of oil wells. 2,360,742; Oct. 17.

Toth, Louis. (See Peremi, E., and Toth.)

Totzek, Friedrich, Essen, Germany, assignor, by mesne assignments, to Koppers Company, Pittsburgh, Pa. Apparatus for the production of efficient fuel gases. 2,344,007; Mar. 14.

Touborg, Jens, Tecumseh, Mich. Hermetic refrigeration compressor. 2,364,038; Nov. 28.

Touceda, Enrique G., Loudonville, and D. A. Wilbur, Troy, assignors to Consolidated Car-Heating Company, Inc., Albany, N. Y. Ignition system. 2,353,527; July 11.

Touchstone, Burt W. and W. M., Haughton, La. Window blind. 2,346,057; Apr. 4.

Touchstone, William M. (See Touchstone, Burt W. and W. M.)

Tourjee, Neilson E., Jr., Morristown, N. J., assignor to Elastic Stop Nut Corporation of America. Distributing apparatus. 2,356,103; Aug. 15.

Toussaint, Walter J., South Charleston, W. Va., and L. G. MacDowell, Jr., Lakeland, Fla., assignors to Carbide and Carbon Chemicals Corporation. Halogenated ethers. 2,352,745; July 4.

Touton, Rush D., Cynwyd, assignor to Wurton Machine Company, Philadelphia, Pa. Curing green tobacco. 2,343,345; Mar. 7.

Touton, Rush D., Cynwyd, assignor to Wurton Machine Company, Philadelphia, Pa. Apparatus for curing green tobacco. 2,343,346; Mar. 7.

Touton, Rush D., Cynwyd, assignor to Wurton Machine Company, Philadelphia, Pa. Treating tobacco. 2,348,038; May 2.

Towler, Frank H. (See Towler, J. M. and F. H.)

Towler, John M., Yorkshire, England. Control valve for hydraulic presses. 2,362,864; Nov. 14.

Towler, John M. and F. H., Yorkshire, England. Hydraulic piston valve. 2,361,801; Oct. 31.

Towles, William J., assignor to himself and D. F. Sisto, Los Angeles, Calif. Combination water softener and heater with reverse flush. 2,355,188; Aug. 8.

Towlsaver, Inc. (See Lewis, Howard B., assignor.)

Towmotor Co. (See Weaver, Elverton W., assignor.)

Towne, Charles C., Beacon, assignor, by mesne assignments, to The Texas Company, New York, N. Y. Lubricating oil. 2,364,830; Dec. 12.

Towner, Stanley H., London, England. Vibratory relay. 2,358,891; Sept. 26.

Townhill, Arthur. (See Snyder, J. R., and Townhill.)

Townhill, Arthur, assignor to Thompson Products, Incorporated, Cleveland, Ohio. Piston. 2,340,498; Feb. 1.

Townsend, George R., Schenectady, and C. L. Hall, Vischer's Ferry, N. Y., assignors to General Electric Company. Electric circuit controller. 2,346,520; Apr. 11.

Townsend, George K., Jr., and J. K. Tanlyama, Honolulu, Territory of Hawaii. Center punch. 2,349,567; May 23.

Townsend, James A. (See Boree, R. G., and Townsend.)

Towson, Morris S., Shaker Heights, Ohio, assignor to The Elwell-Parker Electric Company. Industrial truck. 2,361,333; Oct. 24.

Towt, Louis V., Los Angeles, assignor, by mesne assignments, to C. V. and R. Goffinet, San Gabriel, Calif. Extracting vanilla flavoring with menstruum of low alcoholic content. 2,358,947; Sept. 26.

Toy Creations Inc. (See Pitts, Thomas D., assignor.)

Tozier, Edgar H., assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Feeding mechanism for sewing machine heads. 2,355,189; Aug. 8.

Trabon Engineering Corporation. (See Harter, Robert L., assignor.)

Trabulsi, Peter, Fairview, N. J. Feeding mechanism for fringing machines. 2,349,640; May 23.

Tracy, Florence F., Daytona Beach, Fla. Support for service trays. 2,356,131; Aug. 22.

Tracy, Harold B. (See Waterman, A. E., and Tracy.)

Tracy Manufacturing Company, The. (See Weissert, Walter J., assignor.)

Trade-Wind Motorfans, Inc. (See Marker, W. M., and Brown, assignors.)

Trade-Wind Motorfans, Inc. (See Marker, W. M., and Orear, assignors.)

Traegeser, Charles F., assignor to The Stadium Manufacturing Company, Incorporated, Baltimore, Md. Pajama pants. 2,341,580; Feb. 15.

Trageser, Georg, Ludwigshafen-on-the-Rhine, Germany, assignor, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Pulverulent metallic substance for electro-magnetic purposes. 2,351,462; June 13.

Trahin, John H., Beaumont, Tex. Mechanism to increase the efficiency of engines. 2,350,203; May 30.

Trailer Company of America, The. (See Black, James J., assignor.)

Traill, David, Ardrossan, R. V. Seddon, Saltcoats, and W. Sever, Troon, Scotland, assignors to Imperial Chemical Industries Limited. Manufacture of artificial fibers from protein material. 2,340,909; Feb. 8.

Traill, David, Ardrossan, Scotland, assignor to Imperial Chemical Industries Limited. Manufacture of filaments from vegetable globulin. 2,358,427; Sept. 19.

Trainer, Maurice N. (See Pogue, R. B., and Trainer.)

Trainer, Maurice N., East Orange, N. J., assignor to American Brake Shoe Company. Braking apparatus. 2,352,223; June 27.

Trambile, Harry L., Aurora, Ill., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Variable load brake. 2,339,440; Jan. 18.

Tramill, Charles, Kansas City, Mo. Powder container for dispensing insecticide on dogs and similar animals. 2,342,066; Feb. 15.

Tramontini, Vernon N., Davis, Calif., assignor to United States Beet Sugar Association, Washington, D. C. Beet harvester. 2,346,405; Apr. 11.

Trane Company, The. (See Cantwell, John D., assignor.)

Transart Aktiebolag. (See Gravenstein, Friedrich-Wilhelm G., assignor.)

Transit Research Corporation. (See Blue, Lebert E., assignor.)

Transit Research Corporation. (See Piron, Emil H., assignor.)

Trans-Lux Ad-News Corporation. (See Unkles, E. H., Roth, and Whitney.)

Trans-Lux Corporation. (See Newman, David F., assignor.)

Transmission Specialties Company. (See Gerst, Chris, assignor.)

Transport Steel Products, Inc. (See Lachman, Sarah S., assignor.)

Trantin, Jacob, Jr., Youngstown, Ohio. Alloy. 2,351,791; June 20.

Trantin, Jacob, Jr., Youngstown, Ohio. Alloy. 2,359,692; Oct. 3.

Trapp, Carl Ake, and B. Hansson, Stockholm, assignors to Allmänna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Expansible tank for electrical condensers. 2,347,976; May 2.

Trapp, George J. (See Foottit, F. D., and Trapp.)

Trattler, Jeane. (See Trattler, Samuel, L., assignor.)

Trattler, Samuel L., assignor to J. Trattler, Brooklyn, N. Y. Ornamental element for use in forming decorative materials. 2,362,596; Nov. 14.

Traughber Engineering Company. (See Mode, Walter F., assignor.)

Traumüller, Harry J. W., Brooklyn, N. Y. Hinge. 2,358,948; Sept. 26.

Traumüller, Herbert, Brooklyn, N. Y. Hinge. 2,343,593; Mar. 7.

Traupel, Walter, assignor to Sulzer Frères, Société Anonyme, Winterthur, Switzerland. Gas turbine plant. 2,341,490; Feb. 8.

Traupel, Walter, assignor to Sulzer Frères, Société Anonyme, Winterthur, Switzerland. Gas turbine plant. 2,361,887; Oct. 31.

Trautman, Oscar C., Parma, and W. H. Wood, South Euclid, Ohio. Quench pot. 2,348,232; May 9.

Trautman, Walter C., Los Angeles, Calif., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Liquid pressure system. 2,358,949; Sept. 26.

Trautman, Walter C., North Hollywood, Calif., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Valve. 2,358,950; Sept. 26.

Trautner, Wagn, Hamilton, assignor to The K-D Lamp Co., Cincinnati, Ohio. Lantern. 2,344,221; Mar. 14.

Trautner, Wagn, Hamilton, assignor to The K-D Lamp Co., Cincinnati, Ohio. Black-out lamp. 2,352,459; June 27.

Trautvetter, George. (See Ledwinka, J., Trautvetter, and Kelly.)

Trautvetter, George, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Double walled sheet metal structure. 2,344,222; Mar. 14.

Traver, Alfred E., Brooklyn, and C. E. Habermann, Great Neck, assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Method and apparatus for sound anaylsis. 2,340,714; Feb. 1.

Traver, Oliver C., Drexel Hill, Pa., E. H. Bancker, Schenectady, N. Y., assignors to General Electric Company. Supervision of electric systems. 2,360,176; Oct. 10.

Traver, Oliver C., Drexel Hill, Pa., and A. J. McConnell, Albany, N. Y., assignors to General Electric Company. Protective system. 2,365,025; Dec. 12.

Travers, Lewis C., assignor to Mahoney Chair Company, Gardner, Mass. Reclining chair. 2,346,629; Apr. 11.

Travilla, James C., Jr., Philadelphia, Pa., assignor to General Steel Castings Corporation, Granite City, Ill. Railway vehicle body and radial truck assembly. 2,349,568; May 23.

Travilla, James C., Jr., Swarthmore, Pa., assignor to General Steel Castings Corporation, Granite City, Ill. Railway vehicle structure. 2,352,039; June 20.

Travilla, James C., Jr., Philadelphia, Pa., and E. C. Jackson, Clayton, Mo., assignors to General Steel Castings Corporation, Granite City, Ill. Railway vehicle and brake assembly. 2,352,139; June 20.

Travis, Albert C. (See Szayna, Antoni, assignor.)

Travis, Bernard V., and H. A. Jones, Orlando, Fla., assignors to the United States of America, as represented by Claude R. Wickard, Secretary of Agriculture, and his successors in office. Insect repellent composition. 2,356,801; Aug. 29.

Travis, Charles, deceased, by Y. Travis, Wyndmoor, Pa., administratrix, assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Frequency control system. 2,356,483; Aug. 22.

Travis, Charles, Philadelphia, Pa., assignor to Radio Corporation of America. Automatic frequency control system. 2,357,984; Sept. 12.

Travis, Yvonne, administratrix. (See Travis, Charles.)

Traylor Engineering and Manufacturing Company. (See Cheesman, Richard D., assignor.)

Traylor Engineering and Manufacturing Company. (See Walker, R. S., Mertz, and Shafter, assignors.)

Traylor, John A., deceased, by T. S. Traylor, E. T. Eisenhand, and J. B. Traylor, co-executors, and J. B. Traylor, Denver, Colo. Electromagnetic motor. 2,354,488; July 25.

Traylor, John B. (See Traylor, John A. and J. B.)

Traylor, John B., et al, co-executors. (See Traylor, John A. and J. B.)

Traylor, Tessie S., et al., co-executors. (See Traylor, John A. and J. B.)

Traylor Vibrator Company, The. (See Baird, Clyde W., assignor.)

Traylor, William N., Hattiesburg, Miss., assignor to Hercules Powder Company, Wilmington, Del. Processes for improving the color of resinous copolymers of terpenes. 2,349,210; May 16.

Traylor, William N., Hattiesburg, Miss., assignor to Hercules Powder Company, Wilmington, Del. Refining of phenolic resins Zn-NaHSO$_4$ mixture. 2,365,121; Dec. 12.

Traylor, William N., Hattiesburg, Miss., assignor to Hercules Powder Company, Wilmington, Del. Refining of modified alkyd resins. 2,365,122; Dec. 12.

Traylor, William N., Hattiesburg, Miss., assignor to Hercules Powder Company, Wilmington, Del. Refining of coumarone-indene resins. 2,365,123; Dec. 12.

Trbojevich, Nikola, Toledo, Ohio. Hob. 2,338,366; Jan. 4.

Trbojevich, Nikola, Toledo, Ohio. Worm gearing. 2,338,367; Jan. 4.

Treadway, Olmage W., Little Rock, Ark. Tool for cutting linoleum. 2,350,945; June 6.

Treadwell Engineering Company. (See Mikaelson, Erik W., assignor.)

Treadwell, M. H., Company. (See Astrom, Carl P., assignor.)

Treat, Franklin G., assignor to Riley Stoker Corporation, Worcester, Mass. Gas burner. 2,342,228; Feb. 22.

Trebler, Henning A., Baltimore, Md., assignor to Sealtest, Inc., New York, N. Y. Liquid clarification apparatus. 2,355,760; Aug. 15.

Treciokas, Jacob P., Oakville, Conn., and E. H. MacCoul, Oak Park, Ill., assignors to Scovill Manufacturing Company, Waterbury, Conn. Gauging device for setting snap fasteners. 2,345,640; Apr. 4.

Treciokas, Jacob P., Oakville, assignor to Scovill Manufacturing Company, Waterbury, Conn. Hopper feed mechanism. 2,354,717; Aug. 1.

Trees, Harry, Long Branch, and C. E. Morris, Elberon, N. J. Electrical connector. 2,357,858; Sept. 12.

Treese, Lee S., Dearborn, and E. G. Schubert, Detroit, assignors to Ford Motor Company, Dearborn, Mich. Variable speed drive. 2,357,035; Aug. 29.

Treffler, Andrew, Paterson, N. J., assignor to Solvay Sales Corporation, New York, N. Y. Preparation of detergent mixtures. 2,351,559; June 13.

Tregenza, Frederick E. (See Knight, T. F., and Tregenza.)

Tregilgas, Harold R., South St. Paul, Minn. Life preserver. 2,358,192; Sept. 12.

Treibs, Alfred. (See Guggemos, H., and Treibs.)

Treibs, Alfred. (See Halbig, P., Matthias, and Treibs.)

Treistman, Bella. (See Wolfson, C., and Treistman.)

Treitel, Harold A., assignor to Treitel-Gratz Company, Inc., New York, N. Y. Serving table. 2,354,941; Aug. 1.

Treitel-Gratz Company. (See Treitel, Harold A., assignor.)

Trepagnier, Joseph H. (See Libby, J. W., Jr., and Trepagnier.)

Trepp, Samuel G., Swarthmore, Pa., assignor to The United Gas Improvement Company. Polymerization of cyclopentadiene type compounds. 2,356,494; Aug. 22.

Trepp, Samuel G., Swarthmore, Pa., assignor to The United Gas Improvement Company. Polymerization of cyclopentadiene. 2,359,336; Oct. 3.

Trepp, Samuel G., Swarthmore, Pa., assignor to The United Gas Improvement Company. Polymerization of unsaturated compounds having the cyclopentadiene nucleus. 2,359,810; Oct. 10.

Treptow, George R., Chicago, Ill., assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Sliding car door. 2,345,512; Mar. 28.

Tresine, Raleigh E., Cleveland Heights, and P. D. Kendall, Maple Heights, assignors to Paraphone Hearing Aid, Inc., Cleveland, Ohio. Battery box or container. 2,357,274; Aug. 29.

Tress, William H., and O. M. Deming, Washington, D. C. Navigational plotter. 2,360,911; Oct. 24.

Trevaskis, Henry. (See Wright, J., and Trevaskis.)
Trevaskis, Henry, Solihull, England. Apparatus for aiding in the location of unseen bodies. 2,342,561; Feb. 22.
Treves, Angiolo, assignor, by mesne assignments, to Rubber & Plastics Compound Company, Inc., New York, N. Y. Treatment of rubber waste. 2,352,460; June 27.
Trevor, Bertram, Riverhead, N. Y., assignor to Radio Corporation of America. Phase and frequency modulation receiver. 2,351,240; June 13.
Trevor, Bertram, Riverhead, N. Y., assignor to Radio Corporation of America. Pulse signaling system. 2,361,437; Oct. 31.
Trew, James W., Gettysburg, Pa., assignor of one-fourth to V. E. Ramsey, Suffolk, and one-fourth to R. G. Ramsey, Driver, Va. Basket cover. 2,349,475; May 23.
Treybig, Bernhardt H., Jr. (See Lay, R. L., Treybig, and Hubby.)
Trieadon, Charles A. M., Guatemala City, Guatemala. Hygienic cleaner. 2,364,491; Dec. 5.
Triangle Package Machinery Co., et al. (See Muskat, Louis R., assignor.)
Tribble, William H. (See Hogan, J. V. L., Ressler, and Tribble.)
Tribune Company. (See Wolf, Otto R., assignor.)
Tribuno, Mario P., Bayside, Long Island, N. Y. Roasting coffee. 2,340,235; Jan. 25.
Trickey, William W., Essex Fells, N. J., and L. G. Wilhelm, Henryetta, Okla., assignors to Lock Joint Pipe Company, East Orange, N. J. Method and machine for winding. 2,348,765; May 16.
Trickey, William W., Essex Fells, assignor to Lock Joint Pipe Company, East Orange, N. J. Apparatus for charging concrete molds. 2,349,476; May 23.
Trico Products Corporation. (See Brooks, Harrison M., assignor.)
Trico Products Corporation. (See Curtiss, Robert D., assignor.)
Trico Products Corporation. (See Hess, Willis C., assignor.)
Trico Products Corporation. (See Horton, Erwin C., assignor.)
Trico Products Corporation. (See Horton, E. C., and Rappl, assignors.)
Trico Products Corporation. (See Merrell, James, assignor.)
Trico Products Corporation. (See Oishei, John R., assignor.)
Trico Products Corporation. (See Rappl, Anton, assignor.)
Trico Products Corporation. (See Rappl, A., and Horton, assignors.)
Trico Products Corporation. (See Schaal, Earl V., assignor.)
Trico Products Corporation. (See Timm, Roy C., assignor.)
Trier Bros. Limited. (See Crothers, Paul F., assignor.)
Trier, Carl L. (See Stewart, G. E., Trier, and Fielder.)
Trier, Carl L., Baltimore, Dd., and J. W. Fogg, Barrington, Ill., assignors to Cherry Burrell Corporation, Wilmington, Del. Bottle attempering apparatus for bottle washers. 2,359,262; Sept. 26.
Trier, Vernon A., assignor to Silentbloc Limited, London, England. Flexible mounting for instruments and other apparatus. 2,340,629; Feb. 1.
Twiford, Harry G., Los Angeles, Calif. Ore reduction apparatus. 2,352,418; June 27.
Triggs, Kenneth F., assignor to The Majestic Company, Huntington, Ind. Fireplace damper. 2,363,026; Nov. 21.
Tri-Homo Corporation. (See Sullivan, Frank A., assignor.)
Trijex Corporation. See McCoon, Paul L., assignor.)
Trilsbr, Benjamin J., Dubuque, Iowa. Window structure. 2,341,344; Feb. 8.
Trimbach, Clem G., Eggertsville, N. Y., assignor to Curtiss-Wright Corporation. Aircraft bomb carrier. 2,342,022; Feb. 15.
Trimbach, Clem G., Eggertsville, N. Y., assignor to Curtiss-Wright Corporation. Bomb-handling equipment. 2,355,341; Aug. 8.
Trimbach, Clem G., Eggertsville, N. Y., assignor to Erie Resistor Corporation, Erie, Pa. Ammunition belt for machine guns. 2,356,725; Aug. 22.
Trimbey, Edward J., and G. K. Walker, Glens Falls, N. Y.; said Walker assignor to said Trimbey. Method and apparatus for separating foreign matter from papermaking material. 2,364,405; Dec. 5.
Trimble, Averal T., St. Petersburg, Fla. Process and apparatus for treating blood. 2,357,238; Aug. 29.
Trimble & Fink Manufacturing Company, The. (See Fink, Charles F., assignor.)
Trimble & Fink Mfg. Co., Inc. (See Fink, Charles F., assignor.)
Trimble Nurseryland Furniture, Inc. (See De Puy, Charles T., assignor.)
Trimm Company Inc. (See Yates, W. H., and Staunton, assignors.)
Trindl, Catherine O. (See Trindl, Frank A. and C. O.)
Trindl, Frank A. and C. O., Chicago, Ill. Mop structure. 2,354,909; Aug. 1.
Trinius, Werner, Bruhl, near Cologne, Germany; vested in the Alien Property Custodian. Apparatus for obtaining persalts by electrolysis. 2,349,998; May 30.
Trinkle, Dallas R., Oakland, assignor to Merco-Trinkle Machine Co., San Francisco, Calif. Contouring machine and method. 2,365,365; Dec. 19.
Trinkle, Robert H., assignor to Industrial Patents Corporation, Chicago, Ill. Smoke oven. 2,352,590; June 27.
Tri-Pac Gun Kit, Inc. (See Hansen, Clarence L., assignor.)
Triplett Electrical Instrument Co., The. (See Klay, G. H., and Lingel, assignors.)
Triplett Electrical Instrument Co., The. (See Lingel, Frederick J., assignor.)
Triplett, Hugh A., Wilmette, assignor to Schweitzer-Conrad, Inc., Chicago, Ill. Circuit interrupting apparatus. 2,353,528; July 11.
Triplett, Hugh A., Wilmette, assignor to Schweitzer & Conrad, Inc., Chicago, Ill. Electrical fuse. 2,361,666; Oct. 31.
Triplett, Jesse G., Albany, Oreg. Black-out shutter. 2,342,826; Feb. 29.
Triplett, Ray L. (See Lingel, Frederick J., assignor.)
Triplett, Ray L., Bluffton, Ohio. Electrical measuring instrument. 2,346,521; Apr. 11.
Triplett, Ray L., Bluffton, Ohio. Battery clip. 2,352,576; June 27.
Triplex Barrel Company. (See Penney, Harold D., assignor.)
Tripp, Benjamin A., Knoxville, Tenn. Pump. 2,363,162; Nov. 21.
Tripp, Chester D., Chicago, Ill. Lock nut and making same. 2,352,668; July 4.
Tripp, William A., Winthrop, Mass. Resilient tire. 2,346,799; Apr. 18.
Tripp, William A., Boston, Mass. Terminator. 2,355,403; Aug. 8.
Trippe, William H., West Point Pleasant, N. J. Detachable power unit using solid fuel for bicycles. 2,358,671; Sept. 19.
Trippler, Otto F., East Detroit, Mich. Tool holder. 2,357,918; Sept. 12.
Trischka, John W. (See Parratt, L. G., and Trischka.)
Tri-State Engineering Co. (See Glantzer, Russell M., assignor.)
Tritsmans, Remi G., and S. Hendrickx, Mortsel, near Antwerp, Belgium; vested in the Alien Property Custodian. Manufacture of flexible sheet material. 2,344,482; Mar. 14.
Tritsmans, Remi-Gustaaf. (See Schuller, A., and Tritsmans.)
Triumph Explosives, Inc. (See Decker, J. B., and Eichschmidt, assignors.)
Triumph Explosives, Inc. (See Johnson, John F., Sr., assignor.)
Triumph Explosives, Inc. (See Morgan, Harry W., assignor.)
Troche, Herman J., Cleveland Heights, and J. H. Holan, Jr., Lakewood, assignors to The American Coach & Body Company, Cleveland, Ohio. Wreck trailer. 2,350,841; June 6.
Troedsson, Ivan P., Tokyo, Japan; vested in the Alien Property Custodian. Circulation systems of pulp digesters. 2,359,172; Sept. 26.
Troendle, William C., assignor to Thayer Company, Gardner, Mass. Wheel. 2,340,288; Feb. 1.
Troendle, William C., assignor to Thayer Company, Gardner, Mass. Brake for baby carriages, etc. 2,353,325; July 11.
Troendle, William C., assignor to Thayer Company, Gardner, Mass. Safety stand for baby carriages. 2,353,326; July 11.
Troensegnard, Gertrude, and M. J. Aicher, Pasadena, Calif. Curtain holdback. 2,365,664; Dec. 26.
Trofimov, Lev A., Willoughby, Ohio. Gun rammer. 2,346,877; Apr. 18.
Trofimov, Lev A., Willoughby, Ohio. Power apparatus for positioning gun turrets. 2,365,982; Dec. 26.
Trogman, William, Chicago, Ill. Box structure. 2,344,008; Mar. 14.
Trogman, William, Chicago, Ill. Box handle and latch. 2,344,009; Mar. 14.
Trogman, William, Chicago, Ill. Receptacle support. 2,365,312; Dec. 19.
Troiel, Arthur E., assignor to Troiel Companies, Inc., Berkeley, Calif. Pile form. 2,351,164; June 13.
Troiel Companies, Inc. (See Troiel, Arthur E., assignor.)
Trojan Powder Company. (See Bowman, Charles H., assignor.)
Trojan Powder Company. (See Grim, Forrest D., assignor.)
Trojan Powder Company. (See Lyte, George A., assignor.)
Trojan Powder Company. (See Rees, George E., assignor.)
Trojan Powder Company. (See Snelling, Walter O., assignor.)
Trojan Powder Company. (See Wyler, Joseph A., assignor.)
Trollen, Martin E., assignor to Brown & Bigelow, St. Paul, Minn. Calendar. 2,356,132; Aug. 22.
Troller, Theodor H., Akron, assignor to La-Del Conveyor & Manufacturing Company, New Philadelphia, Ohio. Adjustable fan blade construction. 2,351,645; June 20.
Trombetta, Pandio, Milwaukee, Wis. Electromagnet. 2,344,751; Mar. 21.

Tromholt, Hans E., Bayside, Long Island, N. Y. Telegraph key. 2,350,481; June 6.
Tromp, Klaas F., Kerkrade, Limburg, Netherlands; vested in the Alien Property Custodian. Apparatus for separating solid in suspension medium. 2,365,734; Dec. 26.
Trone, Maud E., Chicago, Ill. Combined solarium and airing cabinet. 2,342,229; Feb. 22.
Trost, Henry W. (See Jobe, F. W., and Trost.)
Trostel, George M. (See Stone, C. A., and Trostel.)
Trostler, Frederick, London, England. Sink and float separation process. 2,341,247; Feb. 8.
Trostler, Fredrick, London, T. Andrews, Barking, England, and W. R. Skelton, Brynford, North Wales. Separation of solid materials of different specific gravities. 2,345,513; Mar. 28.
Trostler, Fredrick, London, and T. Andrews, Barking, England. Separation of solid materials of different specific gravities. 2,349,528; May 23.
Troth, John T., Wayne, Pa. Combined propelling and steering means for vessels. 2,364,255; Dec. 5.
Trott, Arthur J., Greensburg, Pa., assignor to Walworth Patents Inc., Boston, Mass. Motor operated valve. 2,340,999; Feb. 8.
Trott, Arthur J., Greensburg, Pa., assignor to Walworth Patents Inc., Boston, Mass. Power-operated valve. 2,352,140; June 20.
Trott, Arthur J., Greensburg, Pa., assignor to Walworth Patents Inc., Boston, Mass. Valve. 2,364,929; Dec. 12.
Trott, Harvey B. (See Brickman, A. E., and Trott.)
Trotter, Frank, Cristo, Cuba, assignor to Cuban-American Manganese Corporation, New York, N. Y. Method and apparatus for dewatering mineral concentrates. 2,353,602; July 11.
Trotter, John C., Williamsville, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Gun mount. 2,339,226; Jan. 11.
Trotter, John C., Williamsville, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Gun. 2,339,227; Jan. 11.
Trotter, John C., Williamsville, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Ordnance. 2,341,400; Feb. 8.
Trotter, John C., Williamsville, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Ordnance. 2,349,124; May 16.
Trotter, John C., assignor to Bell Aircraft Corporation, Buffalo, N. Y. Machine gun cradle structure. 2,352,870; July 4.
Trotter, John C., Williamsville, and Carl F. Carlzen, assignors to Bell Aircraft Corporation, Buffalo, N. Y. Ordnance. 2,342,065; Feb. 15.
Trotter, John C., Williamsville, and L. F. Maurer, assignors to Bell Aircraft Corporation, Buffalo, N. Y. Ordnance. 2,350,946; June 6.
Troup, Elmo K., Miami, Fla. Scarifier. 2,354,560; July 25.
Troupe, Donald F., Kansas City, Mo. Electrohydrothermic oil-well processor. 2,360,429; June 6.
Troupe, Donald F., Kansas City, Mo. Electrothermic oil well processor. 2,362,680; Nov. 14.
Trout, Evelyn B. (See Lingerfelt, G. E., and Trout.)
Troutman, Isaac V., Altoona, Pa. Rail wheel. 2,364,110; Dec. 5.
Trow, Richard F., Lawrenceville, Ill., assignor to The Texas Company, New York, N. Y. Combination cracking process. 2,348,867; May 16.
Troxel Manufacturing Company, The. (See Kalter, Harold E., assignor.)
Troxler, Charles G., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,345,514; Mar. 28.
Troy, Matthew O., Schenectady, N. Y., assignor to General Electric Company. Electromagnetic induction apparatus. 2,359,173; Sept. 26.
Troy, Matthew O., Schenectady, N. Y., assignor to General Electric Company. Stationary induction apparatus. 2,366,071; Dec. 26.
Troyer, John S., Hickory, Va. Spike toothed harrow. 2,360,022; Oct. 10.
Troyer, Nelson, Walnut Creek, Calif. Boat. 2,342,707; Feb. 29.
Truax, Dave E. (See Griffin, I. L., Truax, and Nuttall.)
Trucksess, David E., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Rectifying system. 2,349,685; May 23.
True, Charles H., Chicago, Ill., assignor to The Superheater Company, New York, N. Y. Cinder trap. 2,343,209; Feb. 29.
True, George R. (See Somes, H. E., and True.)
Truesdell, Francis W., Marblehead, Mass., assignor to General Electric Company. Control for internal-combustion engines or the like. 2,358,363; Sept. 19.
Truesdell, Fred A., Deceased, by J. Truesdell, East Cleveland, administratrix, assignor of one-half to W. S. Fallon, Cleveland, Ohio. Motion converting mechanism. 2,349,314; May 23.
Truesdale, Frederick J., Steubenville, Ohio, assignor to National Steel Corporation. Soaking pit cover crane. 2,340,910; Feb. 8.
Truesdale, Frederick J. Steubenville, Ohio, and H. K. Fish, Follansbee, W. Va., assignors to National Steel Corporation. Safety crane hook. 2,349,021; May 16.
Truesdell, Jetta, administratrix. (See Truesdell, Fred A.)
Truesdell, Leonard C., Kansas City, Mo. Electric metering device. 2,347,526; Apr. 25.
Truex, George O., Schenectady, N. Y., assignor to General Electric Company. Elastic fluid turbine. 2,357,709; Sept. 5.
Trulson, John E. (See Rueb, E. J., and Trulson.)
Trumbull Asphalt Company. (See Bramble, Lloyd F., assignor.)
Trumbull Electric Manufacturing Company, The. (See Allyn, Charles C., assignor.)
Trumbull Electric Manufacturing Company, The. (See Bosch, Lester L., assignor.)
Trumbull Electric Manufacturing Company, The. (See Carlson, Elmer T., assignor.)
Trumbull Electric Manufacturing Company, The. (See Carlson, E. T., and Anderson, assignors.)
Trumbull Electric Manufacturing Company, The. (See De Mask, Martin J., assignor.)
Trumbull Electric Manufacturing Company, The. (See Hanny, Charles E., assignor.)
Trumbull Electric Manufacturing Company, The. (See Rowe, Raymond N., assignor.)
Trumbull Electric Manufacturing Company, The. (See Samer, Henry A., assignor.)
Trump, Frederick O., Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. Conveying apparatus. 2,352,083; July 4.
Trump Products Corporation. (See Buttner, Arnold, assignor.)
Trumpour, Frederick J., Forest Glen, Md. Bullet deflector. 2,358,364; Sept. 19.
Truslow, James L., Whitinsville, and H. L. Thomas, East Douglas, assignors to Whitin Machine Works, Whitinsville, Mass. Clearer for roving or spinning frames. 2,362,782; Nov. 14.
Trust, ML. (See Greenleaf, R. M., and Palmer.)
Truxell, Clyde W., Jr., Northville, assignor to General Motors Corporation, Detroit, Mich. Fuel injection pump. 2,357,563; Sept. 5.
Tryon Processing Co., et al. (See Adams, Arthur H., Jr., assignor.)
Tryon, Richard W., Westfield, N. J., assignor to Standard Oil Development Company. Pressure relieving device. 2,353,093; July 4.
Tryon, Sager, Elmhurst, and W. S. Benedict, assignors to General Chemical Company, New York, N. Y. Manufacture of aromatic esters. 2,362,865; Nov. 14.
Tschanz, Carl A., Moody Field, Valdosta, Ga. Vehicle wheel and tire. 2,347,622; Apr. 25.
Tschesche, Rudolf. (See Junkmann, K., and Tschesche.)
Tschesche, Rudolf, Berlin-Wilmersdorf, and K. Bühle, Berlin-Tempelhof, Germany, assignors to Schering Corporation, Bloomfield, N. J. Substituted p-p'-diamino diphenyl sulphones and making the same. 2,354,784; Aug. 1.
Tsoneff, Stephen P. (See Moore, V. B., and Tsoneff, assignors.)
Tsuno, Shozo, Kobe-shi, Japan; vested in the Alien Property Custodian. Ozonizer. 2,350,842; June 6.
Tubize Chatillon Corporation. (See Doughty, Howard W., Jr., assignor.)
Tuck, Davis H., Redding Ridge, Conn., assignor to Holophane Company, Inc., New York, N. Y. Lighting system and lighting unit for use therein. 2,343,822; Mar. 7.
Tuck, James P., San Anselmo, Calif. Furnace construction. 2,360,087; Oct. 10.
Tucker Aircraft Corporation. (See Tucker, Preston T., assignor.)
Tucker, Emmitt M., Jr. (See Tucker, Emmitt M. and E. M., Jr., and J. M.)
Tucker, Emmitt M. and E. M., Jr., and J. M. Burbank, Calif. Snow tractor. 2,341,000; Feb. 8.
Tucker, John W., Chicago, Ill. Pump and the like. 2,364,111; Dec. 5.
Tucker, Joseph M. (See Tucker, Emmitt M. and E. M., Jr., and J. M.)
Tucker, Maynard W., assignor to Higgins-Tucker Motor Co., Inc., Ypsilanti, Mich. Gun sight mounting. 2,359,693; Oct. 3.
Tucker, Nathaniel B., Glendale, assignor to The Procter & Gamble Company, Cincinnati, Ohio. Preparation of wetting, sudsing and detergent agents. 2,342,563; Feb. 22.
Tucker, Nathaniel Beverley, Glendale, assignor to The Procter & Gamble Company, Cincinnati, Ohio. Process of producing improved wetting, sudsing and detergent agent. 2,342,562; Feb. 22.
Tucker, Preston T., Noblesville, Ind., and W. C. Casson, Birmingham, Mich.; said Tucker assignor to Tucker Aircraft Corporation. Gun control mechanism. 2,366,072; Dec. 26.
Tucker, Stephen M., and W. N. Schuler, assignors to Eastman Kodak Company, Rochester, N. Y. Film spool. 2,341,491; Feb. 8.
Tucker, Thomas T., Atlanta, Ga. Black-out means. 2,354,489; July 25.
Tucker, Warren R., Dayton, Ohio, assignor to The Hydraulic Development Corp. Inc., Wilmington, Del. Molten metal for temperature control. 2,338,691; Jan. 4.
Tucker, Warren R., Dayton, Ohio, assignor to The Hydraulic Development Corp. Inc., Wilmington, Del. Variable delivery vane pump. 2,348,428; May 9.

Tucker, Warren R., Dayton, and G. A. Waldie, Franklin, assignors to The Hydraulic Development Corp. Inc., Mount Gilead, Ohio. Rotating servo-valve. 2,349,641; May 23.

Tucker, Warren R., Dayton, Ohio, assignor to The Hydraulic Development Corp. Inc., Wilmington, Del. Injection molding granular materials. 2,359,013; Sept. 26.

Tucker, Warren R., Dayton, assignor to The Hydraulic Development Corp., Inc., Mount Gilead, Ohio. Control of weld lines. 2,360,023; Oct. 10.

Tucker, Warren R., and G. A. Waldie, Dayton, Ohio, assignors to The Hydraulic Development Corp. Inc., Wilmington, Del. Vane pump. 2,354,076; July 18.

Tucker, Warren R., and G. A. Waldie, Dayton, Ohio, assignors to The Hydraulic Development Corp. Inc., Wilmington, Del. Vane pump. 2,362,420; Nov. 7.

Tucker, William C., Kenmore, assignor to Buffalo Forge Company, Buffalo, N. Y. Work-holding means for cutting machines and the like. 2,344,907; Mar. 21.

Tudor Press, Inc., The. (See Wilbur, Ralph H., assignor.)

Tuerck, Karl H. W. (See Staudinger, H. P., and Tuerck.)

Tuff-Hard Corporation. (See Endress, Frederick A., assignor.)

Tufts, William F., Atlanta, Ga. Angle-of-lead control. 2,356,189; Aug. 22.

Tuggle, Edgar C., Mosheim, Tenn. Tubular balloon. 2,355,610; Aug. 15.

Tull, Robert H., Wilbraham, Mass., assignor to Westinghouse Electric Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. 2,365,786; Dec. 26.

Tullar, Benjamin F., St. Clair Shores, assignor to Parke, Davis & Company, Detroit, Mich. Sulphonamide derivatives and obtaining the same. 2,358,365; Sept. 19.

Tullar, Benjamin F., Grosse Point Woods, assignor to Parke, Davis & Company, Detroit, Mich. Heterocyclic substituted aryl sulphonamido compounds and obtaining the same. 2,358,366; Sept. 19.

Tullemers, Anton J., Long Beach, assignor to Shell Development Company, San Francisco, Calif. Higher alkyl acid ester production. 2,339,038; Jan. 11.

Tullemers, Anton J., Long Beach, assignor to Shell Development Company, San Francisco, Calif. Alkylation process. 2,349,211; May 16.

Tullis, Boyd W., assignor to The Coleman Lamp and Stove Company, Wichita, Kans. Burner for fuels containing tetraethyl lead. 2,363,098; Nov. 21.

Tullis, Boyd W., assignor to The Colman Lamp and Stove Company, Wichita, Kans. Burner for fuels containing tetraethyl lead and other objectionable foreign matter. 2,363,099; Nov. 21.

Tulloch, William A., assignor of one-half to G. B. Willcox, Saginaw, Mich. Automatic loading apparatus for machine tools. 2,362,177; Nov. 7.

Tully, James K., Alexandria, Va., and B. E. Jones, Flossmoor, assignors to The Pullman Company, Chicago, Ill. Auxiliary berth section arrangement. 2,346,878; Apr. 18.

Tully, James K., Evanston, L. Andersen, Chicago, and B. E. Jones, Flossmoor, assignors to The Pullman Company, Chicago, Ill. Berth. 2,358,546; Sept. 19.

Tully, James K., Evanston, and B. E. Jones, Flossmoor, assignors to The Pullman Company, Chicago, Ill. Railway sleeping car. 2,364,595; Dec. 5.

Tumolillo, Gerald H., Philadelphia, Pa. Underwater construction. 2,364,570; Dec. 5.

Tung-Sol Lamp Works, Inc. (See Baker, George W., assignor.)

Tung-Sol Lamp Works, Inc. (See Braunsdorff, Reginald K., assignor.)

Tung-Sol Lamp Works Inc. (See Curtis, Lorin W., assignor.)

Tung-Sol Lamp Works, Inc. (See Kennett, Ralph B., assignor.)

Tung-Sol Lamp Works, Inc. (See Leuthold, Edgar J., assignor.)

Tung-Sol Lamp Works Inc. (See Sitzer, Philip, assignor.)

Tungsten Carbide Tool Company. (See Seiter, Donaldson, assignor.)

Tunick, Harry, Rye, N. Y., assignor to Radio Corporation of America. Reception of frequency modulated waves. 2,362,000; Nov. 7.

Tunley, Allan A., assignor to Baker Perkins Limited, Peterborough, England. Feeding of biscuits or other sweetmeats to chocolate enrobing machines and the like. 2,363,211; Nov. 21.

Tunnicliley, Howard S. (See Gilbert, H. M., and Tunnicliley, J. W., H. S., and W. H.)

Tunnicliley, James W. (See Gilbert, H. M., and Tunnicliley, J. W., H. S., and W. H.)

Tunnicliley, William H. (See Gilbert, H. M., and Tunnicliley, J. W., H. S., and W. H.)

Turansky, Clement J. (See Gunner, G. W., and Turansky.)

Turbulettes Corporation, The. (See Claybourn, L. W., and Butler, assignors.)

Turchan, Manuel, and C. Walker, Detroit, Mich. Hydraulic duplicating planer attachment. 2,357,790; Sept. 5.

Turck, Joseph A. V., Jr. (See Ross, J., and Turck.)

Turco Products, Inc. (See Crowley, Thomas C., assignor.)

Turco Products, Inc. (See Stine, Carl A., assignor.)

Turechek, George F., assignor to Lane-Wells Company, Los Angeles, Calif. Gun perforator. 2,357,564; Sept. 5.

Turechek, George F., assignor to Lane-Wells Company, Los Angeles, Calif. Perforator gun. 2,358,951; Sept. 26.

Turechek, George F., assignor to Lane-Wells Company, Los Angeles, Calif. Gun perforator. 2,360,024; Oct. 10.

Turek, John G., assignor to Chicago Carton Company, Chicago, Ill. Dispensing package. 2,359,337; Oct. 3.

Turenchalk, Harry. (See Turenchalk, John and H.)

Turenchalk, John and H., Yonkers, N. Y. Pencil pointer. 2,359,593; Oct. 3.

Turenchalk, John and H., Yonkers, N. Y. Collet and rod grinder. 2,359,594; Oct. 3.

Turinsky, Otto, Palatine, Ill. Smoking pipe. 2,357,239; Aug. 29.

Turkevich, John. (See Taylor, H. S., Fehrer, and Turkevich.)

Turkington, Victor H., Mountain Lakes, L. R. Whiting, Woodbridge, and L. P. Rankin, Caldwell, N. J., assignors to Bakelite Corporation. Preparation of substituted phenols. 2,353,282; July 11.

Turl, Leslie H. (See Goodings, A. C., and Turl.)

Turnau, Henry C., Chicago, Ill. Beverage container. 2,343,717; Mar. 7.

Turnbull, David C., assignor to The American Foundry Equipment Company, Mishawaka, Ind. Abrading apparatus. 2,344,475; Mar. 14.

Turnbull, David C., assignor to The American Foundry Equipment Company, Mishawaka, Ind. Abrading apparatus. 2,344,476; Mar. 14.

Turnbull, Frederick M. (See Hamilton, W. F., George, and Simon, assignors.)

Turnbull, James C. (See Anthony, H. L., and Turnbull.)

Turnbull, John T., Detroit, Mich. Furnace humidifier. 2,338,144; Jan. 4.

Turnbull, William J., Garden City, N. Y., assignor to The Glenn L. Martin Company, Middle River, Md. Control handle. 2,360,818; Oct. 17.

Turner, Archibald J., assignor to Wilson Athletic Goods Mfg. Co., Inc., Chicago, Ill. Boxer's helmet. 2,364,571; Dec. 5.

Turner, Arthur C., assignor of one-half to J. W. O'Brien, Los Angeles, Calif. Machine for cutting edibles. 2,341,582; Feb. 15.

Turner, Arthur F., Brighton, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Optical instrument. 2,359,694; Oct. 3.

Turner Brass Works. (See Slezak, John, assignor.)

Turner, Charles G., Atlanta, Ga. Apparatus for cutting and panning biscuits. 2,346,242; Apr. 11.

Turner, Charles H., Worcester, Mass., assignor to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Vehicle ventilator. 2,339,441; Jan. 18.

Turner, Charles R., Evanston, Ill. Operation controlling method and means. 2,343,347; Mar. 7.

Turner, Charles R., assignor to Proctor & Schwartz, Inc., Philadelphia, Pa. Toaster. 2,364,175; Dec. 5.

Turner, David, Cedar Rapids, Iowa. Burial vault. 2,356,957; Aug. 29.

Turner, Edgar P., Fanwood, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Ball-bearing construction. 2,351,890; June 20.

Turner, Edwin E., Jr., West Roxbury, assignor to Submarine Signal Company, Boston, Mass. Apparatus for echo distance measurement. 2,342,171; Feb. 22.

Turner, Evelyn E., Winnipeg, Manitoba, Canada. Hospital sterilizer. 2,342,067; Feb. 15.

Turner, Frank T., Brooklyn, assignor to King Features Syndicate, Inc., New York, N. Y. Electromechanical vibrator system. 2,349,125; May 16.

Turner, Guilford S., assignor to Morris B. Brewster Co., Chicago, Ill. Track sander for locomotives. 2,339,965; Jan. 25.

Turner and Harrison Steel Pen Manufacturing Company, The. (See Stroh, Roy E., assignor.)

Turner, Jacob L., Norwell, Mass., assignor to Manning, Maxwell & Moore, Incorporated, New York, N. Y. Flow meter. 2,364,930; Dec. 12.

Turner, James. (See Bernal, Maurice V., assignor.)

Turner, James H., assignor to Allied Equipment Company, Detroit, Mich. Tank mounting. 2,357,148; Aug. 29.

Turner, Jennings, Murray, Ky. Combination tool. 2,358,608; Sept. 19.

Turner, John R. (See Burdett, P. H., Reynolds, and Turner.)

Turner, John R. (See Reynolds, W. S., and Turner.)

Turner, Leon E., Toms Creek, Va., assignor of twenty-two and one-half per cent to C. H. Baber and twenty-two and one-half per cent to E. Wright, Stamford, W. Va. Mine car coupling. 2,338,853; Jan. 11.

Turner, Luther B. (See Mann, M. D., Jr., and Turner.)

Turner, Luther B., Roselle Park, N. J., assignor, by mesne assignments, to Jasco, Incorporated. Treatment of polymer substances. 2,345,717; Apr. 4.

Turner, Merrill E., University City, Mo. Anchor bolt. 2,347,581; Apr. 25.

Turner, Philip S., Williamsport, Pa. Lightweight plastic composition and method. 2,361,438; Oct. 31.

Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Pneumatic thread holder. 2,354,284; July 25.

Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Bobbin support for weft replenishing looms. 2,354,285; July 25.

Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Thread control system for weft replenishing looms. 2,354,624; July 25.

Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Pneumatic thread holder for weft replenishing looms. 2,358,952; Sept. 26.

Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Hand wheel control for looms. 2,359,695; Oct. 3.

Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Thread separating pneumatic thread holder and remover. 2,360,177; Oct. 10.

Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Weft replenishing loom. 2,360,529; Oct. 17.

Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Bobbin can for weft replenishing looms. 2,363,100; Nov. 21.

Turner, Richard H., assignor to Falconer Plate Glass Corporation, Falconer, N. Y. Protective structure for mirrors. 2,352,923; July 4.

Turner, Russell J., Butler, Pa. Firearm. 2,365,142; Dec. 12.

Turner, Thomas G. (See Kohnle, F., and Turner.)

Turner, Wellmore B., et al., executors. (See Sherman, John Q.)

Turner, Wellmore B., et al., executors. (See Sherman, J. Q., and Metsner.)

Turner, Wellmore B., executor, et al. (See Sherman, John Q.)

Turnock, Joseph E., Riverton, N. J., and G. D. Noble, Philadelphia, Pa. Cartridge coating machine. 2,348,233; May 9.

Turpin, Alexander J. (See Schumann, A. F., and Turpin.)

Turpin, Alexander J., Stewart Manor, N. Y., and A. F. Schumann, Lower Merion, Pa., assignors to Hauck Manufacturing Company, Brooklyn, N. Y. Fluid pressure regulator. 2,360,178; Oct. 10.

Turrettini, Fernand, assignor to the firm Societe Genevoise d' Instruments de Physique, Geneva, Switzerland. Apparatus for truing grinding wheels. 2,344,332; Mar. 14.

Turrettini, Fernand, assignor to the first Societe Genevoise d'Instruments de Physique, Geneva, Switzerland. Axial balance device. 2,344,671; Mar. 21.

Turrettini, Fernand, Bellevue-Geneva, assignor to the firm Societe Genevoise D'Instruments de Physique, Geneva, Switzerland. Thread grinding machine. 2,349,477; May 23.

Turrettini, Fernand, assignor to the firm of Societe Genevoise d'Instruments de Physique, Geneva, Switzerland. Apparatus for truing grinding wheels. 2,355,020; Aug. 1.

Turrisi, Antonio, assignor to Maiden Form Brassiere Company, Inc., New York, N. Y. Making stitched open work. 2,366,134; Dec. 26.

Turtle, Rupert C., Shirley, Croydon, England. Effecting dimpling operations. 2,359,606; Oct. 3.

Turzillo, Lee, Royal Oak, Mich., assignor to L. S. Wertz, Cleveland, Ohio. Apparatus for filling cracks in concrete masonry structures. 2,346,879; Apr. 18.

Tuten, James M., Greenville, S. C., assignor to Draper Corporation, Hopedale, Mass. Shedding mechanism. 2,356,713; Aug. 22.

Tuthill, Howard B., assignor to Oliver Machinery Company, Grand Rapids, Mich. Wrapper. 2,341,492; Feb. 8.

Tuthill, Howard B., assignor to Oliver Machinery Company, Grand Rapids, Mich. Labeling machine. 2,344,185; Mar. 14.

Tuthill, Howard B., assignor to Oliver Machinery Company, Grand Rapids, Mich. Package. 2,351,306; June 13.

Tuthill, Howard B., and H. F. Caldwell, assignors to Oliver Machinery Company, Grand Rapids, Mich. Machine for applying labels to moving webs. 2,341,493; Feb. 8.

Tutiya, Hideso, Tokyo-si, Japan; vested in the Alien Property Custodian. Arrangement for electrically controlling operation of machine tools. 2,360,375; Oct. 17.

Tuttle, Clifton M., and W. Borgemann, assignors to Eastman Kodak Company, Rochester, N. Y. Variable speed drive for web feeding apparatus. 2,338,605; Jan. 4.

Tuttle, Eugene F., North Hollywood, assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Dimpling tool with interchangeable head. 2,365,918; Dec. 26.

Tuttle, Frank B., Norristown, Pa., assignor to General Electric Company. Arc welding apparatus. 2,356,802; Aug. 29.

Tuttle, Frank B., Norristown, Pa., assignor to General Electric Company. Arc welding apparatus. 2,360,743; Oct. 17.

Tuttle, John N. (See Nelson, R. F., and Tuttle.)

Tuttle, Malcolm H., New Rochelle, assignor to Max B. Miller & Co., Inc., New York, N. Y. Cracking hydrocarbon vapors. 2,348,699; May 9.

Tuttle, Malcolm H., New Rochelle, assignor to Max B. Miller & Co., Inc., New York, N. Y. Apparatus for coking petroleum residues. 2,357,621; Sept. 5.

Tuttle, Malcolm H., New Rochelle, assignor to Max B. Miller & Co., Inc., New York, N. Y. Coking and cracking petroleum residues or the like. 2,364,492; Dec. 5.

Tuttle, William N., Concord, assignor to General Radio Company, Cambridge, Mass. Electric system. 2,354,718; Aug. 1.

Tuve, Richard L., Silver Spring, Md. Luminescent or phosphorescent coating material. 2,341,583; Feb. 15.

Twamley, William E. (See Rich, C. A., and Twamley.)

Tweedale, Ralph L., assignor to Vickers Incorporated, Detroit, Mich. Power transmission. 2,345,515; Mar. 28.

Tweeten, John B., Los Angeles, assignor of one-half to R. L. Parker, South Pasadena, Calif. Moistening device. 2,363,163; Nov. 21.

Twentieth Century-Fox Film Corporation. (See Clark, D. B., and Stevens, assignors.)

Twentieth Century-Fox Film Corporation. (See Clarke, Charles G., assignor.)

Twentieth Century-Fox Film Corporation. (See Leshing, M. S., and Robertson, assignors.)

Twentieth Century-Fox Film Corporation. (See Russell, Edward E., assignor.)

Twentieth Century-Fox Film Corporation. (See Wood, Francis G., assignor.)

Twin Coach Company. (See Fageol, William B., assignor.)

Twin Disc Clutch Company. (See Boerger, Martin G., assignor.)

Twyman, L. Raymond. (See Harrington, F. T., Twyman, and Robinson.)

Twyman, L. Raymond, J. R. Moser, and H. E. Rose, assignors to Vickers Incorporated, Detroit, Mich. Power transmission. 2,347,301; Apr. 25.

Twyman, L. Raymond, J. R. Moser, and H. E. Rose, assignors to Vickers Incorporated, Detroit, Mich. Power transmission. 2,347,302; Apr. 25.

Tyden, Emil, Hastings, Mich. Flow responsive alarm valve. 2,351,082; June 13.

Tyden, Emil, Hastings, Mich. Flow responsive alarm device. 2,359,338; Oct. 3.

Tyken, John G., and C. O. Oestman, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Synchronizer. 2,342,985; Feb. 29.

Tyler, Clell E., Hattiesburg, Miss., assignor to Hercules Powder Company, Wilmington, Del. Polymerizing rosin. 2,342,382; Feb. 22.

Tyler, George B., London, England. Drying apparatus for granular material. 2,339,207; Jan. 11.

Tyler, Grover. (See Carlson, B. G., and Tyler.)

Tyler, Ivor C., Hill Farm, Thursley, assignor to Harris & Tyler Limited, Watford, Hertfordshire, England. Seat and the like. 2,365,206; Dec. 12.

Tyler, John C., et al. (See Buchet, Conrad R., assignor.)

Tyler, John D., Stamford, Conn. Fountain assembly. 2,344,659; Mar. 21.

Tyler, John M., West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Vibration suppressing engine mount. 2,343,426; Mar. 7.

Tyler, John M., West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Cowl support. 2,355,829; Aug. 15.

Tyler, Paul J. (See Lawler, Frank P., assignor.)

Tyler, Paul J., et al. (See Lawler, Frank J., assignor.)

Tyler, Ransom, Greenfield, assignor to The Oilgear Company, Milwaukee, Wis. Hydraulic drive. 2,360,598; Oct. 17.

Tyler, W. S., Company, The. (See Coulton, J. S., and Disbro, assignors.)

Tyler, W. S., Company, The. (See Parks, Walter J., assignor.)

Tyminski, Stanley E., Bridgeport, Conn. Burglar alarm fixture. 2,339,528; Jan. 18.

Tyrner, Joseph M., Englewood, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Heat control for arc welding. 2,349,891; May 30.

Tyrner, Joseph M., Englewood, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Electric arc welding. 2,351,083; June 13.

Tyrner, Joseph M., Englewood, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Welding transformer. 2,364,881; Dec. 12.

Tyson, Archie M., Dallas, Tex. Piano. Re. 22,578; Dec. 12.

Tyson, Charles W. (See Murphree, E. V., Tyson, Campbell, and Martin.)

Tyson, Charles W., Summit, and C. O. Tongberg, Westfield, N. J. assignors to Standard Oil Development Company. Conversion of oils. 2,349,478; May 23.

Tyson, Leonard, Manitowoc, Wis. Universally adjustable clamping machine. 2,347,854; May 2.

Tyzzer, Howard J., assignor to The Crosley Corporation, Cincinnati, Ohio. Mechanical magnetic tuning device. 2,357,775; Sept. 5.

Udale, Stanley M., Detroit, Mich., assignor to G. M. and E. Holley. Throttle control. 2,343,718; Mar. 7.

Udale, Stanley M., Detroit, Mich., assignor to G. M. and E. Holley. Fuel regulator for aircraft carburetors. 2,349,775; May 23.

Udale, Stanley M., Detroit, Mich., assignor to G. M. and E. Holley. Governor. 2,356,017; Aug. 15.

Udale, Stanley M., Detroit, Mich., assignor to G. M. and E. Holley. Mixture control. 2,361,334; Oct. 24.

Udale, Stanley M., Detroit, Mich., assignor to G. M. and E. Holley. Spark control. 2,365,313; Dec. 19.
Uddenborg, Johan R., Chicago, Ill. Plant thinning wheel. 2,341,830; Feb. 15.
Udy, Marvin J., Niagara Falls, N. Y. Production of steel. 2,345,222; Mar. 28.
Udy, Marvin J., Niagara Falls, N. Y. Chromium recovery. 2,359,697; Oct. 3.
Udy, Marvin J., Niagara Falls, N. Y. Metallurgy. 2,362,512; Nov. 14.
Udylite Corporation, The. (See Henricks, John A., Jr., assignor.)
Ueberschuss, Albert, Berlin-Charlottenburg, Germany; vested in the Alien Property Custodian. Carbon microphone. 2,345,078; Mar. 28.
Uger, Aron, Hamilton, Ontario, Canada. Arch support. 2,365,124; Dec. 12.
Uhl, Harry G. (See Myer, J. E., and Uhl.)
Uhler, Wilmer P., Tottenville, N. Y., assignor to The S. S. White Dental Manufacturing Company. Dental equipment assemblage. 2,340,715; Feb. 1.
Uhler, Wilmer P., Tottenville, N. Y., assignor to The S. S. White Dental Manufacturing Company. Brush holder for electric motors. 2,356,105; Aug. 15.
Uhlig, Albert F. (See Jagger, H., Schoenhardt, and Uhlig.)
Uhlig, Edwin C., Cranston, R. I., assignor to United States Rubber Company, New York, N. Y. Treating aqueous dispersions of rubber. 2,359,698; Oct. 3.
Uhlig, Wallace, Fergus Falls, Minn. Scavenging apparatus. 2,358,609; Sept. 19.
Uhlmann, Otto. (See Männken, W., and Uhlmann.)
Uhrig, Karl. (See Kaufman, G., Uhrig, and Barnett.)
Uhrig, Kenneth D., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 2,362,383; Feb. 22.
Ulanet, Herman, Newark, N. J. Mechanical adjustment means. 2,338,271; Jan. 4.
Ulfers, Heins, Dresden-Anhalt, Germany; vested in the Alien Property Custodian. System for producing polarized light of predetermined vibratory condition. 2,347,582; Apr. 25.
Ulinski, Bronislaus, Chicago, Ill., assignor to Yale & Towne Manufacturing Company, Stamford, Conn. Industrial truck. 2,339,120; Jan. 11.
Ulinski, Bronislaus, Chicago, Ill., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Chain winding mechanism for industrial trucks. 2,354,178; July 18.
Ulinski, Bronislaus, Chicago, Ill., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Crane platform. 2,364,493; Dec. 5.
Ullman, Roy, Roslyn, assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring instrument. 2,340,068; Jan. 25.
Ullman, Roy, Roslyn, assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring instrument. 2,344,116; Mar. 14.
Ullman, Roy, Roslyn, and C. B. Moore, Carroll Park, assignors to The Brown Instrument Company, Philadelphia, Pa. Instrument casing. 2,351,374; June 13.
Ullrich, Walter, Jackson Heights, assignor to The Lumenz Company, New York, N. Y. Distillation of hydrocarbons. 2,357,710; Sept. 5.
Ulmer, William L. (See Meriub-Sobel, M., and Bialosky, assignors.)
Uloth, Robert, and M. Mueller-Cunradi, Ludwigshafen-on-the-Rhine, Germany; vested in the Alien Property Custodian. Agents suitable for improving lubricants. 2,345,919; Dec. 26.
Ulrey, David G., Lakeland, assignor to Gregg Maxey, Sebring, Fla. Fruit coloration. 2,358,266; Sept. 12.
Ulrich, Arnold E., Rochester, Minn. Fruit sising machine. 2,349,776; May 23.
Ulrich, Charles B., Jamestown, N. Y. Universal splint. 2,362,866; Nov. 14.
Ulrich, Charles B., Jamestown, N. Y. Cultivator. 2,362,867; Nov. 14.
Ulrich, Edward H., London, England, assignor to International Standard Electric Corporation, New York, N. Y. System for radio communication. 2,350,702; June 6.
Ulrich, Frederick, assignor to Conmar Products Corporation, Bayonne, N. J. Apparatus for making slide fasteners. 2,338,884; Jan. 11.
Ulrich, Frederick, assignor to Conmar Products Corporation, Bayonne, N. J. Die roll and making the same. 2,352,141; June 20.
Ulrich, Heinrich, E. Ploetz, and E. Nold, Ludwigshafen-on-the-Rhine, Germany; vested in the Alien Property Custodian. Composition and process for treating fibrous materials. 2,348,039; May 2.
Ulrich, Heinrich, E. Ploetz and O. Ferrares, Ludwigshafen-on-the-Rhine, Germany; vested in the Alien Property Custodian. Road constructional material. 2,351,241; June 13.
Ulrich, Raymond M., Shelbyville, Ill. Piston resizer. 2,345,716; Mar. 7.
Ulrich, Theodore, Milwaukee, assignor to Nash-Kelvinator Corporation, Kenosha, Wis. Window molding. 2,350,430; June 6.
Umble, Omar K. (See Hertsler, R. S., and Umble.)
Uneas Manufacturing Company. (See Barbieri, Nicholas, assignor.)
Uncles, Robert F., Stamford, and K. K. Kurtz, Old Greenwich, Conn., assignors to American Cyanamid Company, New York, N. Y. Preparation of monoalkylol cyanamide condensation products. 2,349,061; May 16.
Underpinning & Foundation Company. (See Goldsborough, John B., assignor.)
Underwood Elliott Fisher Company. (See Anderson, Walter A., assignor.)
Underwood Elliott Fisher Company. (See Curtis, Edward W. Jr., assignor.)
Underwood Elliott Fisher Company. (See Helmond, William F., assignor.)
Underwood Elliott Fisher Company. (See Hoffman, Jacob N., assignor.)
Underwood Elliott Fisher Company. (See Kurowski, Alfred G., assignor.)
Underwood Elliott Fisher Company. (See Newberry, Meiga W., assignor.)
Underwood Elliott Fisher Company. (See Pitman, Henry L., assignor.)
Underwood Elliott Fisher Company. (See Sagner, Walter T., assignor.)
Underwood Elliott Fisher Company. (See Smith, Jesse A. B., assignor.)
Underwood Elliott Fisher Company. See Sundstrand, Oscar J., assignor.)
Underwood Elliott Fisher Company. (See Sundstrand, O. J., and Anderson, assignors.)
Underwood Elliott Fisher Company. (See Toggenburger, John, assignor.)
Underwood Elliott Fisher Company. (See Wise, Elmer L., assignor.)
Underwood Elliott Fisher Company. (See Yaeger, Harry C., assignor.)
Underwood, Ethan R., Elizabeth, N. J. Gravity actuated alarm circuit closer. 2,364,010; Nov. 28.
Underwood, James W. (See D'Alello, G. F., and Underwood.)
Underwood Machinery Company. (See Annis, Ross E., assignor.)
Undy, Gustav E. (See Leathers, C. F., and Undy.)
Unetic, Andrew J., assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Sheet holder. 2,339,529; Jan. 18.
Ungar, Gustave A., Pelham Manor, assignor to Equi-Flow Inc., New York, N. Y. Internal gear pump. 2,339,966; Jan. 25.
Ungar, Gustave A., New Rochelle, assignor, by mesne assignments, to Equi-Flow Inc., New York, N. Y. Fluid dispensing device. 2,340,630; Feb. 1.
Ungar, Gustave A., New Rochelle, and J. F. Keller, assignors to Equi-Flow Inc., New York, N. Y. Laminated gear pump. 2,349,022; May 16.
Ungar, Gustave A., New Rochelle, and J. F. Keller, assignors to Equi-Flow Inc., New York, N. Y. Laminated gear pump. 2,362,106; Nov. 7.
Ungerer, Frits, Pforsheim, Germany; vested in the Alien Property Custodian. Straightening machine for sheet metal plates. 2,352,040; June 20.
Unifloc Reagents Limited. (See Samuel, John O., assignor.)
Union Asbestos & Rubber Company. (See Lundvall, John S., assignor.)
Union Bag & Paper Corporation. (See Avery, T. M., and Bokenkroger, assignor.)
Union Bag & Paper Corporation. (See Cook, Paul G., assignor.)
Union Bag & Paper Corporation. (See Karlson, Karl R., assignor.)
Union Bank of Chicago, Illinois, et al. (See Cowles, Irving, assignor.)
Union-Baystate Co. Inc. (See Fleuriel, Paul M., assignor.)
Union Carbide and Carbon Corporation. (See Anthes, Clifford C., assignor.)
Union Carbide and Carbon Corporation. (See Bucknam, James H., assignor.)
Union Carbide and Carbon Corporation. (See Burch, Charles J., assignor.)
Union Carbide and Carbon Corporation. (See De Motte, Maurice P., assignor.)
Union Carbide and Carbon Corporation. (See Hemperly, William F., assignor.)
Union Carbide and Carbon Corporation. (See Jacobsson, Wilgot J., assignor.)
Union Carbide and Carbon Corporation. (See Kehl, Robert J., assignor.)
Union Carbide and Carbon Corporation. (See Oldham, Samuel R., assignor.)
Union Carbide and Carbon Corporation. (See Olson, Malven L., assignor.)
Union Carbide and Carbon Corporation. (See Pierson, Ralph C., assignor.)
Union Carbide and Carbon Corporation. (See Schepman, Willis G., assignor.)
Union Cinephone Corporation. (See Deits, Stephen J., assignor.)
Union City Body Company. (See Bromagem, Irl R., assignor.)
Union Metal Manufacturing Company, The. (See Orr, C. A., and Riemenschneider, assignors.)
Union Oil Company. (See Jenkins, V. N., and Wilson, assignors.)
Union Oil Company. (See Parker, Farrand D., assignor.)

Union Oil Company of California. (See Blount, Arthur L., assignor.)
Union Oil Company of California. (See Bradley, W. E., and Korpi, assignors.)
Union Oil Company of California. (See Byrns, Alva C., assignor.)
Union Oil Company of California. (See Carr, Donald E., assignor.)
Union Oil Company of California. (See Doumani, Thomas F., assignor.)
Union Oil Company of California. (See Flaxman, Marcellus T., assignor.)
Union Oil Company of California. (See Freuler, Herbert C., assignor.)
Union Oil Company of California. (See Hopper, Basil, assignor.)
Union Oil Company of California. (See Huppke, W. F., and Vermeulen, assignors.)
Union Oil Company of California. (See Jones, Philip H., assignor.)
Union Oil Company of California. (See Jones, P. H., and Flaxman, assignor.)
Union Oil Company of California. (See Korpi, Karl, assignor.)
Union Oil Company of California. (See Lake, George R., assignor.)
Union Oil Company of California. (See McLean, George B., assignor.)
Union Oil Company of California. (See Merrill, David R., assignor.)
Union Oil Company of California. (See Newton, W. M., and Jones, assignors.)
Union Oil Company of California. (See Polly, O. L., and Byrns, assignors.)
Union Oil Company of California. (See Wilson, Chester E., assignor.)
Union Research Corporation. (See Bunting, Albert L., assignor.)
Union Screen Plate Company. (See Orton, Samuel T., assignor.)
Union Special Machine Company. (See Billington, Emil J., assignor.)
Union Special Machine Company. (See Christensen, Norman V., assignor.)
Union Special Machine Company. (See Christensen, N. V., Sauer, and Wallenberg, assignors.)
Union Special Machine Company. (See Kucera, Frank A., assignor.)
Union Special Machine Company. (See Kucera, F. A., and Brock, assignors.)
Union Special Machine Company. (See Lutz, Frederick, assignor.)
Union Special Machine Company. (See Rubel, Charles F., assignor.)
Union Special Machine Company. (See Sauer, George, assignor.)
Union Special Machine Company. (See Scholj, Edgar, assignor.)
Union Starch & Refining Co. (See Stambaugh, Paul H., assignor.)
Union Starch & Refining Company. (See Fetzer, Walter R., assignor.)
Union Steel Products Company. (See Bitney, Dewey H., assignor.)
Union Switch & Signal Company, The. (See Agnew, Norman F., assignor.)
Union Switch & Signal Company, The. (See Agnew, N. F., and Martin, assignors.)
Union Switch & Signal Company, The. (See Allen, Earl M., assignor.)
Union Switch & Signal Company, The. (See Aylsworth, Selden B., assignor.)
Union Switch & Signal Company, The. (See Baughman, George W., assignor.)
Union Switch & Signal Company, The. (See Baughman, G. W., and Agnew, assignors.)
Union Switch & Signal Company, The. (See Beakes, Howard S., assignor.)
Union Switch & Signal Company, The. (See Blosser, Herman G., assignor.)
Union Switch & Signal Company, The. (See Bone, Herbert L., assignor.)
Union Switch and Signal Company, The. (See Bone, H. L., and McGowan, assignors.)
Union Switch & Signal Company, The. (See Bossart, Paul N., assignor.)
Union Switch & Signal Company, The. (See Crago, Paul H., assignor.)
Union Switch & Signal Company, The. (See Cravath, Austin M., assignor.)
Union Switch and Signal Company, The. (See Crooks, Ralph K., assignor.)
Union Switch and Signal Company, The. (See Culbertson, George A., assignor.)
Union Switch & Signal Company, The. (See Dodd, Arthur H., assignor.)
Union Switch and Signal Company, The. (See Fereday, Frederick T., assignor.)
Union Switch & Signal Company, The. (See Fitzsimmons, David P., assignor.)
Union Switch & Signal Company, The. (See Grondahl, L. O., and Bossart, assignors.)
Union Switch and Signal Company, The. (See Harlow, Roy E., assignor.)
Union Switch & Signal Company, The. (See Hedding, Linnie K., assignor.)
Union Switch & Signal Company, The. (See Hufnagel, Andrew, assignor.)
Union Switch and Signal Company, The. (See Ihrig, Clifford D., assignor.)
Union Switch & Signal Company, The. (See Jerome, Arthur L., assignor.)
Union Switch & Signal Company, The. (See Johnston, Allan T., assignor.)
Union Switch & Signal Company, The. (See Laurenson, Robert M., assignor.)
Union Switch & Signal Company, The. (See Lazich, Branko, and Williams, assignors.)
Union Switch & Signal Company, The. (See Livingston, John W., assignor.)
Union Switch & Signal Company, The. (See Logan, John W., Jr., assignor.)
Union Switch & Signal Company, The. (See Martin, Paul N., assignor.)
Union Switch & Signal Company, The. (See McCann, Ronald A., assignor.)
Union Switch & Signal Company, The. (See McCann, R. A., and Lewis, assignors.)
Union Switch and Signal Company, The. (See McGowan, Kenneth J. J., assignor.)
Union Switch & Signal Company, The. (See Miller, Alfred B., assignor.)
Union Switch & Signal Company, The. (See Nicholson, Frank H., assignor.)
Union Switch and Signal Company, The. (See Overholt, Ralph, J., assignor.)
Union Switch & Signal Company, The. (See Parrill, Easton E., assignor.)
Union Switch & Signal Company, The. (See Pelikan, John M., assignor.)
Union Switch and Signal Company, The. (See Peter, L. H., and Stevens, assignors.)
Union Switch and Signal Company, The. (See Pflasterer, George R., assignor.)
Union Switch and Signal Company, The. (See Pfleging, Frank W.)
Union Switch & Signal Company, The. (See Place, Willard P., assignor.)
Union Switch and Signal Company, The. (See Shepardson, Vene P., assignor.)
Union Switch and Signal Company, The. (See Shields, Charles B., assignor.)
Union Switch & Signal Company, The. (See Staples, Crawford E., assignor.)
Union Switch & Signal Company, The. (See Staples, C. E., and Blosser, assignors.)
Union Switch and Signal Company, The. (See Stevens, S. A., and Peter, assignors.)
Union Switch and Signal Company, The. (See Stevens, S. A., and Walker, assignors.)
Union Switch and Signal Company, The. (See Stoker, Paul P., assignor.)
Union Switch & Signal Company, The. (See Thompson, Howard A., assignor.)
Union Switch and Signal Company, The. (See Thompson, L. E., and Jenkins, assignors.)
Union Switch and Signal Company, The. (See Tizzard, Thomas W., Jr.)
Union Switch and Signal Company, The. (See Tizzard, Thomas W., Jr., assignor.)
Union Switch & Signal Company, The. (See Van Horn, James J., assignor.)
Union Switch & Signal Company, The. (See Vantassel, Harry C., assignor.)
Union Switch & Signal Company, The. (See Walker, Alec H. B., assignor.)
Union Switch and Signal Company, The. (See Wallace, Herbert A., assignor.)
Union Switch & Signal Company, The. (See Wells, Wesley B., assignor.)
Union Switch & Signal Company, The. (See Williams, Richard H., Jr., assignor.)
Union Switch & Signal Company, The. (See Woods, R. A., and Smith, assignors.)
Union Switch & Signal Company, The. (See Young, Henry S., assignor.)
Union Switch and Signal Company, The. (See Zane, W. F., and Baughman, assignors.)
Union Switch & Signal Company, The. (See Zierdt, Conrad H., Jr., assignor.)
Unique Manufacturing Co. (See Goller, E. E., and Foster, assignors.)
Unit Rays, Inc. (See Hebeler, Edward S., assignor.)
Unit Rays, Inc. (See Longoria, Antonio, assignor.)
Unitcast Corporation. (See Goodwin, Ernest G., assignor.)
Unitcast Corporation. (See Hankins, Cyrus, assignor.)
United Acoustigraph Corporation. (See De Sart, A. W., and Brush, assignors.)
United Aircraft Corporation. (See Anderson, John E., assignor.)
United Aircraft Corporation. (See Armbruster, George F., assignor.)
United Aircraft Corporation. (See Beebe, Murray C., Jr., assignor.)
United Aircraft Corporation. (See Broders, Claude O., assignor.)

United Aircraft Corporation. (See Hersey, D. S., and Smith, assignors.)
United Aircraft Corporation. (See Jordan, Donald J., assignor.)
United Aircraft Corporation. (See King, Alexander H., assignor.)
United Aircraft Corporation. (See Lee, John G., assignor.)
United Aircraft Corporation. (See Martin, Erle, assignor.)
United Aircraft Corporation. (See Martin, E., and Beebe, assignors.)
United Aircraft Corporation. (See Martin, E., and Kearns, Jr., assignors.)
United Aircraft Corporation. (See Martin, E., and Richmond, assignors.)
United Aircraft Corporation. (See McIntosh, Robert E., assignor.)
United Aircraft Corporation. (See Molloy, Richard C., assignor.)
United Aircraft Corporation. (See Moncrieff, Veon I., assignor.)
United Aircraft Corporation. (See Montgomery, Wiley P., assignor.)
United Aircraft Corporation. (See Mueller, Robert K., assignor.)
United Aircraft Corporation. (See Richmond, Nelson R., assignor.)
United Aircraft Corporation. (See Rockwell, Albert M., assignor.)
United Aircraft Corporation. (See Ryder, Earle A., assignor.)
United Aircraft Corporation. (See Shoemaker, James M., assignor.)
United Aircraft Corporation. (See Skoglund, Victor J., assignor.)
United Aircraft Corporation. (See Stone, Walter N., assignor.)
United Aircraft Corporation. (See Tyler, John M., assignor.)
United Aircraft Corporation, et al. (See Heron, Sam D., assignor.)
United Aircraft Corporation, et al. (See Heron, S. D., and Beaver, assignor.)
United Aircraft Products, Inc. (See Culver, Merlyn M., assignor.)
United Aircraft Products, Inc. (See Geddes, Walter H., assignor.)
United Aircraft Products, Inc. (See Hoffman, Allan C., assignor.)
United Aircraft Products, Inc. (See Shaw, Joseph C., assignor.)
United Air Lines, Inc. (See Brunner, Reed R., assignor.)
United Air Lines, Inc. (See Sandretto, Peter C., assignor.)
United Autographic Register Co. (See Barker, Gregson L., assignor.)
United Autographic Register Co. (See Euth, John E., assignor.)
United Autographic Register Co. (See O'Connell, Michael J., assignor.)
United Carr Fastener Corporation. (See Churchill, Wilmer H., assignor.)
United Carr Fastener Corporation. (See Hall, Charles L., assignor.)
United Carr Fastener Corporation. (See Howard, Forbes, assignor.)
United Carr Fastener Corporation. (See Johnson, Frank E., assignor.)
United Carr Fastener Corporation. (See Jones, Walter L., assignor.)
United Carr Fastener Corporation. (See Kral, Joseph, assignor.)
United Carr Fastener Corporation. (See Murphy, Howard J., assignor.)
United Carr Fastener Corporation. (See Parkin, Leslie, assignor.)
United Carr Fastener Corporation. (See Woodward, Clement A., assignor.)
United Company, The. (See Cover, R., and Osburn, assignors.)
United Elastic Corporation. (See Lilley, S. C., and Foster, assignors.)
United Engineering and Foundry Company. (See Feduska, Stephen L., assignor.)
United Engineering & Foundry Company. (See Stone, M. D., McBane, and Greenberger, assignors.)
United Engineers & Constructors Inc. (See Hunter C. W., and Haug, assignors.)
United Gas Improvement Company, The. (See Breuer, Frederick W., assignor.)
United Gas Improvement Company, The. (See Chaney, Newcomb K., assignor.)
United Gas Improvement Company, The. (See Claffey, Joseph B., assignor.)
United Gas Improvement Company, The. (See Franz, Raymond A., assignor.)
United Gas Improvement Company, The. (See Jordan, Claude W., assignor.)
United Gas Improvement Company, The. (See Soday, Frank J., assignor.)
United Gas Improvement Company, The. (See Trepp, Samuel G., assignor.)
United Gas Improvement Company, The. (See Ward, Alger R., assignor.)
United Glass Bottle Manufacturers, Limited, The. (See Dorman, Edgar P., assignor.)
United Merchants & Manufacturers, Inc. (See McCaleb, Kenneth V., assignor.)
United Merchants & Manufacturers, Inc. (See Miller, Paul L., assignor.)
United Merchants & Manufacturers, Inc. (See Oberkirk, William C., assignor.)
United Merchants & Manufacturers, Inc. (See Whewell, R., and Bauer, assignors.)
United Paperboard Company. (See Shina, Frank C., assignor.)
United Plastics Corporation. (See Nast, Leo, assignor.)
United Shoe Machinery Corporation. (See Ammon, Conrad, Jr., assignor.)
United Shoe Machinery Corporation. (See Ashley, Merwin F., assignor.)
United Shoe Machinery Corporation. (See Ashworth, Fred, assignor.)
United Shoe Machinery Corporation. (See Ashworth, F., and Whitaker, assignors.)
United Shoe Machinery Corporation. (See Baker, Corwin W., assignor.)
United Shoe Machinery Corporation. (See Bazzoni, Lewis J., assignor.)
United Shoe Machinery Corporation. (See Bell, Charles C., assignor.)
United Shoe Machinery Corporation. (See Bennion, L. H., and Smart, assignors.)
United Shoe Machinery Corporation. (See Bertrand, Frederic E., assignor.)
United Shoe Machinery Corporation. (See Booth, Irving E., assignor.)
United Shoe Machinery Corporation. (See Brostrom, Charles G., assignor.)
United Shoe Machinery Corporation. (See Burby, Philip E., assignor.)
United Shoe Machinery Corporation. (See Butler, Ernest L., assignor.)
United Shoe Machinery Corporation. (See Campbell, Rouel R., assignor.)
United Shoe Machinery Corporation. (See Cantley, Joseph C., assignor.)
United Shoe Machinery Corporation. (See Chandler, James D., assignor.)
United Shoe Machinery Corporation. (See Clark, Alfred S., assignor.)
United Shoe Machinery Corporation. (See Crepeau, Ernest A., assignor.)
United Shoe Machinery Corporation. (See Cummings, Roy W., assignor.)
United Shoe Machinery Corporation. (See Curtin, Leonard S., assignor.)
United Shoe Machinery Corporation. (See Cushman, Lee H., assignor.)
United Shoe Machinery Corporation. (See Cutler, Wallace M., assignor.)
United Shoe Machinery Corporation. (See Dixon, Paul H., assignor.)
United Shoe Machinery Corporation. (See Donaldson, G., and Klee, assignors.)
United Shoe Machinery Corporation. (See Dow, H. E., and Andrews, assignors.)
United Shoe Machinery Corporation. (See Eastman, Fred C., assignor.)
United Shoe Machinery Corporation. (See Eich, F. A., and Monfils, assignors.)
United Shoe Machinery Corporation. (See Eppler, Andrew, Jr., assignor.)
United Shoe Machinery Corporation. (See Finn, Sidney J., assignor.)
United Shoe Machinery Corporation. (See Fitzgerald, Charles F., assignor.)
United Shoe Machinery Corporation. (See Fredericksen, James P., assignor.)
United Shoe Machinery Corporation. (See Gookin, Sylvester L., assignor.)
United Shoe Machinery Corporation. (See Gouldbourn, Joseph, assignor.)
United Shoe Machinery Corporation. (See Gouldbourn, J., and Heather, assignors.)
United Shoe Machinery Corporation. (See Haas, Otto R., assignor.)
United Shoe Machinery Corporation. (See Hamann, W., and Weller, assignors.)
United Shoe Machinery Corporation. (See Harrington, Valentine F., assignor.)
United Shoe Machinery Corporation. (See Hart, Fred V., assignor.)
United Shoe Machinery Corporation. (See Hofferbert, Raymond P., assignor.)
United Shoe Machinery Corporation. (See Holmgren, Eric A., assignor.)
United Shoe Machinery Corporation. (See Houghton, William M., assignor.)
United Shoe Machinery Corporation. (See Jalbert, Adrien L., assignor.)
United Shoe Machinery Corporation. (See Jalbert, A. L., and Quinn, assignors.)
United Shoe Machinery Corporation. (See Johnson, Joseph W., assignor.)

United Shoe Machinery Corporation. (See Jorgensen, Bernhardt, assignor.)
United Shoe Machinery Corporation. (See Kennison, Frank, assignor.)
United Shoe Machinery Corporation. (See Kestell, Thomas A., assignor.)
United Shoe Machinery Corporation. (See Knight, Ralph F., assignor.)
United Shoe Machinery Corporation. (See Knott, Clyde L., assignor.)
United Shoe Machinery Corporation. (See Knowlton, Cutler D., assignor.)
United Shoe Machinery Corporation. (See Knowlton, C. D., and Edgar, assignors.)
United Shoe Machinery Corporation. (See Knowlton, Norwood H., assignor.)
United Shoe Machinery Corporation. (See Lancaster, John T., assignor.)
United Shoe Machinery Corporation. (See Lane, H., and Barton, assignors.)
United Shoe Machinery Corporation. (See Leveque, Bernard T., assignor.)
United Shoe Machinery Corporation. (See Lyness, Horatio S., assignor.)
United Shoe Machinery Corporation. (See Lyon, Harry, assignor.)
United Shoe Machinery Corporation. (See Macdonald, Lester S., assignor.)
United Shoe Machinery Corporation. (See MacKenzie, Wilbur L., assignor.)
United Shoe Machinery Corporation. (See Megathlin, Ralph S., assignor.)
United Shoe Machinery Corporation. (See Miller, Lloyd G., assignor.)
United Shoe Machinery Corporation. (See Miner, George A., assignor.)
United Shoe Machinery Corporation. (See Morrill, Alfred R., assignor.)
United Shoe Machinery Corporation. (See Morris, Thomas C., assignor.)
United Shoe Machinery Corporation. (See Nokes, Philip E., assignor.)
United Shoe Machinery Corporation. (See Nokes, P. E., and Cohen, assignors.)
United Shoe Machinery Corporation. (See Norton, James P., assignor.)
United Shoe Machinery Corporation. (See Oliver, John R., assignor.)
United Shoe Machinery Corporation. (See Paulsen, Hans C., assignor.)
United Shoe Machinery Corporation. (See Phillips, Harry, assignor.)
United Shoe Machinery Corporation. (See Phinney, William E., assignor.)
United Shoe Machinery Corporation. (See Prue, Walter W., assignor.)
United Shoe Machinery Corporation. (See Pym, Arthur F., assignor.)
United Shoe Machinery Corporation. (See Quinn, Edward, assignor.)
United Shoe Machinery Corporation. (See Quinn, E., and Curtin, assignors.)
United Shoe Machinery Corporation. (See Ray, Eugene J., assignor.)
United Shoe Machinery Corporation. (See Ricks, F., and Pratt, assignors.)
United Shoe Machinery Corporation. (See Roberts, William T. B., assignor.)
United Shoe Machinery Corporation. (See Robinson, Charles A., assignor.)
United Shoe Machinery Corporation. (See Ryan, George F., assignor.)
United Shoe Machinery Corporation. (See Sabin, Ernest E., assignor.)
United Shoe Machinery Corporation. (See Sawyer, Edward L., assignor.)
United Shoe Machinery Corporation. (See Schoenky, August R., assignor.)
United Shoe Machinery Corporation. (See Senefleben, Paul W., assignor.)
United Shoe Machinery Corporation. (See Smith, Homer F., assignor.)
United Shoe Machinery Corporation. (See Stacey, Ernest W., assignor.)
United Shoe Machinery Corporation. (See Stratton, Frank E., assignor.)
United Shoe Machinery Corporation. (See Stritter, Karl A., assignor.)
United Shoe Machinery Corporation. (See Topham, Laurence E., assignor.)
United Shoe Machinery Corporation. (See Ushakoff, Alexis E., assignor.)
United Shoe Machinery Corporation. (See Wheaton, William A., assignor.)
United Shoe Machinery Corporation. (See Woodman, Charles K., assignor.)
United Specialties Company. (See Bennett, D. L., and McAllister, assignors.)
United States Air Compressor Company, The. (See Peiouch, James J., assignor.)
United States Automatic Box Machinery Co. (See Evans, Harry L., assignor.)
United States Bedding Company, The. (See Bronstien, E. L., and Strandberg, assignors.)
United States Beet Sugar Association. (See Tramontini, Vernon N., assignor.)
U. S. Blind Stitch Machine Corporation. (See Buono, Mario, assignor.)
U. S. Bobbin & Shuttle Company. (See Connell, Daniel R., assignor.)
United States Bung Manufacturing Company, The. (See Lawton, George W., assignor.)
United States Cabinet Bed Co. (See Martin, Joseph, assignor.)
United States Catheter & Instrument Corp. (See Jeckel, Norman C., assignor.)
U. S. Corrugated Fibre Box Company. (See Lacy, H. J., II, and Slaughter, assignors.)
United States, dedicated to the free use of the people in the Territory of. (See Bruce, Wesley G.)
United States, Dedicated to the free use of the people in the territory of the. (See Claborn, Houston V.)
United States, Dedicated to the free use of the people in the territory of the. (See Deonier, C. C., and Jones.)
U. S. Electrical Motors, Inc. (See Myers, Thomas G., assignor.)
United States Envelope Company. (See Hakanson, Axel H., assignor.)
United States Envelope Company. (See Haywood, Vincent E., assignor.)
United States Envelope Company. (See Shea, J. J., Irrgang, and Swift, assignors.)
U. S. Flexible Metallic Tubing Co. (See Dand, William R., assignor.)
United States Gypsum Company. (See Allen, Horace D., assignor.)
United States Gypsum Company. (See Balduf, Bruno E., assignor.)
United States Gypsum Company. (See Camp, Thomas P., assignor.)
United States Gypsum Company. (See Dailey, Manvel C., assignor.)
United States Gypsum Company. (See Ericson, Richard, assignor.)
United States Gypsum Company. (See Haegele, Otto P., assignor.)
United States Gypsum Company. (See Linzell, Harry K., assignor.)
United States Gypsum Company. (See McNeil, William M., assignor.)
United States Gypsum Company. (See Paley, Lewis A., assignor.)
United States Gypsum Company. (See Parsons, Joseph H., assignor.)
United States Gypsum Company. (See Robertson, J. A., Payne, and Arendt, assignors.)
United States Gypsum Company. (See Schuetz, Clyde C., assignor.)
United States Gypsum Company. (See Wiss, John E., assignor.)
United States Hoffman Machinery Corporation. (See Clark, Edgar R., assignor.)
United States Hoffman Machinery Corporation. (See Miller, Edward A., assignor.)
United States Hoffman Machinery Corporation. (See Strobridge, William, assignor.)
U. S. Industrial Chemicals, Inc. (See Dennis, Wolcott, assignor.)
U. S. Industrial Chemicals, Inc. (See Hammond, John A. S., assignor.)
U. S. Machine Corporations. (See Winkler, Carl J. and H. E., assignors.)
United States of America, as represented by Secretary of War. (See Faucet, Cecil C.)
U. S. Ordnance Company. (See Delalande, Paul J. M. R., assignor.)
United States Pipe and Foundry Company. (See Arnold, Paul L., assignor.)
United States Pipe and Foundry Company. (See Hering, Edward, assignor.)
United States Pipe and Foundry Company. (See Montgomery, William A., assignor.)
United States Plywood Corporation. (See Adams, Chester M., assignor.)
United States Plywood Corporation. (See Anderson, George W., assignor.)
United States Plywood Corporation. (See Bailey, William C., assignor.)
United States Plywood Corporation. (See Bailey, W. C., and Adams, assignors.)
United States Quarry Tile Company. (See Feichter, Harold R., assignor.)
United States Radium Corporation. (See Paul, John E., assignor.)
United States Rubber Company. (See Aamland, T. J., and Curtiss, assignors.)
United States Rubber Company. (See Arrington, Conard J., assignor.)
United States Rubber Company. (See Bartlett, Frederick S., assignor.)
United States Rubber Company. (See Battin, Harold T., assignor.)
United States Rubber Company. (See Borton, Robert O., assignor.)
United States Rubber Company. (See Cairns, William F., assignor.)
United States Rubber Company. (See Castricum, Martin, assignor.)

United States Rubber Company. (See Clark, Edward H., assignor.)
United States Rubber Company. (See Clarkson, Robert J., assignor.)
United States Rubber Company. (See Clayton, W. J., and Schott, assignors.)
United States Rubber Company. (See Curtiss, N. H., and Aamland, assignors.)
United States Rubber Company. (See Cuthbertson, George R., assignor.)
United States Rubber Company. (See Daly, Lawrence E., assignor.)
United States Rubber Company. (See Desautels, Charles H., assignor.)
United States Rubber Company. (See Dexter, A. J., and Gamache, assignors.)
United States Rubber Company. (See Dosmann, Lucian P., assignor.)
United States Rubber Company. (See Ebelke, William H., assignor.)
United States Rubber Company. (See Eger, Ernst, assignor.)
United States Rubber Company. (See Ewart, Roswell H., assignor.)
United States Rubber Company. (See Foster, Boutwell H., assignor.)
United States Rubber Company. (See Foster, B. H., and Sunbery, assignors.)
United States Rubber Company. (See Fowler, Donald E., assignor.)
United States Rubber Company. (See Frost, Raymond B., assignor.)
United States Rubber Company. (See Gates, Charles W., assignor.)
United States Rubber Company. (See Gerhard, Sherman L., assignor.)
United States Rubber Company. (See Haefele, John W., assignor.)
United States Rubber Company. (See Haefele, J. W., and McGavack, assignors.)
United States Rubber Company. (See Harding, Watson G., assignor.)
United States Rubber Company. (See Harkins, Henry H., assignor.)
United States Rubber Company. (See Hart, Edwin J., assignor.)
United States Rubber Company. (See Hart, E. J., and Armstrong, assignors.)
United States Rubber Company. (See Hawley, Thomas G., Jr., assignor.)
United States Rubber Company. (See Hazell, Eardley, assignor.)
United States Rubber Company. (See Hile, Heston H., assignor.)
United States Rubber Company. (See Howland, Louis H., assignor.)
United States Rubber Company. (See Howland, Thomas J., assignor.)
United States Rubber Company. (See Hulse, George E., Jr., assignor.)
United States Rubber Company. (See Hurt, Victor H., assignor.)
United States Rubber Company. (See Huse, Hiram N., assignor.)
United States Rubber Company. (See Iknayan, Alfred N., assignor.)
United States Rubber Company. (See Keen, A. W., and Frost, assignors.)
United States Rubber Company. (See Kirby, W. G., and Elliott, assignors.)
United States Rubber Company. (See Kirby, W. G., and Steinle, assignors.)
United States Rubber Company. (See Kuriychek, John L., assignor.)
United States Rubber Company. (See Ladd, Elbert C., assignor.)
United States Rubber Company. (See Laliberte, Albert J., assignor.)
United States Rubber Company. (See Lewis, Arthur P., assignor.)
United States Rubber Company. (See Luxenberger, E. A., Blair, and Schott, assignors.)
United States Rubber Company. (See Luxengerger, E. A., Erich, and Cunningham, assignors.)
United States Rubber Company. (See Marick, Louis, assignor.)
United States Rubber Company. (See Matlock, Harold C., assignor.)
United States Rubber Company. (See McGavack, John assignor.)
United States Rubber Company. (See Messer, William E., assignor.)
United States Rubber Company. (See Ogilby, Stewart R., assignor.)
United States Rubber Company. (See Paul, Philip T., assignor.)
United States Rubber Company. (See Priestley, Winfred K., assignor.)
United States Rubber Company. (See Quist, James D., assignor.)
United States Rubber Company. (See Shields, Jesse W., assignor.)
United States Rubber Company. (See Shriver, G. E., and Mann, assignors.)
United States Rubber Company. (See Sloman, C. M., and Giusti, assignors.)
United States Rubber Company. (See Smith, Wendell V., assignor.)
United States Rubber Company. (See Sterrett, Robert R., assignor.)
United States Rubber Company. (See Stiteler, Charles H., assignor.)
United States Rubber Company. (See Svendsen, E. C., and Clayton, assignors.)
United States Rubber Company. (See Teague, Merwyn C., assignor.)
United States Rubber Company. (See Teague, M. C., and Sterrett, assignors.)
United States Rubber Company. (See ter Horst, William P., assignor.)
United States Rubber Company. (See Uhlig, Edwin C., assignor.)
United States Rubber Company. (See Wallace, Edward H., assignor.)
United States Rubber Company. (See Wilhelm, Kurt E., assignor.)
United States Rubber Company. (See Young, Howard A., assignor.)
U. S. Shellac Importers Association, Inc. (See Bassford, Henry H., Jr., assignor.)
U. S. Slicing Machine Company. (See Brownsey, Oscar, assignor.)
U. S. Slicing Machine Company. (See Folk, Joseph, assignor.)
U. S. Slicing Machine Company. (See Stukart, Hendrik, assignor.)
U. S. Slicing Machine Company. (See van Berkel, Wilhelmus A., assignor.)
U. S. Slicing Machine Company. (See Winberg, T. W., and Ames, assignors.)
United States Steel Corporation of Delaware. (See Hamerstrom, Karl E., assignor.)
United States Steel Corporation of Delaware. (See Percy, James W., assignor.)
U. S. Textile Machine Company. (See Thomas, Pacific J., assignor.)
United States Time Corporation, The. (See Johnson, Manfred J., assignor.)
U. S. Tool & Mfg. Co. (See Overstedt, Ernest A., assignor.)
United States Trust Company of New York. (See Hopkins, Nevil M., assignor.)
United States Vanadium Corporation. (See Smith, George S., assignor.)
U. S. Vitamin Corporation. (See Freedman, Louis, assignor.)
United Steel Barrel Company. (See Dodson, Howard W., assignor.)
United Steel & Wire Company. (See Tichenor, Don L., assignor.)
United Wall Paper Factories, Inc. (See Close, J. W., and Hoot, assignors.)
United Wall Paper Factories, Inc. (See Freund, Harry, assignor.)
United Wood Heel Company. (See Ponder, Ray E., assignor.)
Universag Technische A. G. (See Fazekas, Oscar M., assignor.)
Universal Building Products Corp. (See Rickard, Arthur, assignor.)
Universal Button Fastening & Button Company. (See Hansen, W. O., and Bowen, assignors.)
Universal Button Fastening and Button Company. See Walker, William L., assignor.)
Universal Buyers, Inc. (See Burmeister, Robert M., assignor.)
Universal Camera Corporation. (See Falkoff, Adin D., assignor.)
Universal Camera Corporation. (See Kende, G., Ellison, and Johanson, assignors.)
Universal Camera Corporation. (See Kende, G., and Johanson, assignors.)
Universal Camera Corporation. (See Pignone, Joseph, assignor.)
Universal Dental Company. (See Rothman, Herman J., assignor.)
Universal Forging Co. (See Brown, Thomas E., assignor.)
Universal Milking Machine Company, The. (See Bender, Lloyd F., assignor.)
Universal Milking Machine Company, The. (See Schmitt, John A., assignor.)
Universal Milking Machine Company, The. (See Schmitt, J. A., and Bender, assignors.)
Universal Oil Products Company. (See Alther, Joseph G., assignor.)
Universal Oil Products Company. (See Angell, Charles H., assignor.)
Universal Oil Products Company. (See Barnes, Marion W., assignor.)
Universal Oil Products Company. (See Becker, Bernard M., assignor.)
Universal Oil Products Company. (See Benedict, Wayne L., assignor.)
Universal Oil Products Company. (See Bloch, Herman S., assignor.)

Universal Oil Products Company. (See Bloch, H. S., and Schaad, assignors.)
Universal Oil Products Company. (See Chenicek, Joseph A., assignor.)
Universal Oil Products Company. (See Chenicek, Joseph A., assignor.)
Universal Oil Products Company. (See Collins, Robert B., assignor.)
Universal Oil Products Company. (See Danforth, Joseph D., assignor.)
Universal Oil Products Company. (See Day, R. B., and Kanhofer, assignors.)
Universal Oil Products Company. (See De Rosset, Armand J., assignor.)
Universal Oil Products Company. (See Dryer, Charles G., assignor.)
Universal Oil Products Company. (See Egloff, Gustav, assignor.)
Universal Oil Products Company. (See Egloff, G., and Komarewsky, assignors.)
Universal Oil Products Company. (See Friedman, B. S., and Stedman, assignors.)
Universal Oil Products Company. (See Gerhold, Clarence G., assignor.)
Universal Oil Products Company. (See Grosse, A. V., and Morrell, assignors.)
Universal Oil Products Company. (See Haensel, Vladimir, assignor.)
Universal Oil Products Company. (See Hartwig, Karl T., assignor.)
Universal Oil Products Company. (See Hensel, Walter C., assignor.)
Universal Oil Products Company. (See Hensel, W. C., and Mekler, assignors.)
Universal Oil Products Company. (See Huff, Lyman C., assignor.)
Universal Oil Products Company. (See Ipatieff, Vladimir N., assignor.)
Universal Oil Products Company. (See Ipatieff, V. N., and Haensel, assignors.)
Universal Oil Products Company. (See Ipatieff, V. N., and Monroe, assignors.)
Universal Oil Products Company. (See Ipatieff, V. N., and Pines, assignors.)
Universal Oil Products Company. (See Ipatieff, V. N., and Schmerling, assignors.)
Universal Oil Products Company. (See Kanhofer, Elmer R., assignor.)
Universal Oil Products Company. (See Kassel, Louis S., assignor.)
Universal Oil Products Company. (See Kinneberg, Ivar H., assignor.)
Universal Oil Products Company. (See Komarewsky, V. I., and Mekler, assignors.)
Universal Oil Products Company. (See Linn, Carl B., assignor.)
Universal Oil Products Company. (See Mather, Percy, assignor.)
Universal Oil Products Company. (See Mather, P., and Mekler, assignors.)
Universal Oil Products Company. (See Mattox, William J., assignor.)
Universal Oil Products Company. (See Mattox, W. J., and Benedict, assignors.)
Universal Oil Products Company. (See Mavity, Julian M., assignor.)
Universal Oil Products Company. (See McAfee, Jerry, assignor.)
Universal Oil Products Company. (See Mekler, Lev A., assignor.)
Universal Oil Products Company. (See Moriarty, Francis C., assignor.)
Universal Oil Products Company. (See Morrell, Jacque C., assignor.)
Universal Oil Products Company. (See Nelson, Edwin F., assignor.)
Universal Oil Products Company. (See Pines, H., and Bloch, assignors.)
Universal Oil Products Company. (See Pines, H., and Ipatieff, assignors.)
Universal Oil Products Company. (See Pines, H., and Wackher, assignors.)
Universal Oil Products Company. (See Pysel, R., and Gerhold, assignors.)
Universal Oil Products Company. (See Schmerling, Louis, assignor.)
Universal Oil Products Company. (See Schmerling, L., and Durinski, assignors.)
Universal Oil Products Company. (See Schmerling, L., and Ipatieff, assignors.)
Universal Oil Products Company. (See Seguy, Jean D., assignor.)
Universal Oil Products Company. (See Shanley, William B., assignor.)
Universal Oil Products Company. (See Shoresman, Allen M., assignor.)
Universal Oil Products Company. (See Sturgeon, John F., assignor.)
Universal Oil Products Company. (See Thomas, Charles L., assignor.)
Universal Oil Products Company. (See Thomas, C. L., and Bloch, assignors.)
Universal Oil Products Company. (See Thomas, C. L., and Danforth, assignors.)
Universal Oil Products Company. (See Thomas, C. L., and Lee, assignors.)
Universal Oil Products Company. (See Uitti, Kenneth D., assignor.)
Universal Oil Products Company. (See Ward, John W., assignor.)
Universal Oil Products Company. (See Watson, Kenneth M., assignor.)
Universal Oil Products Company. (See Wenzke, Herman H., assignor.)
Universal Oil Products Company. (See Westenberg, Joseph E., assignor.)
Universal Oil Products Company. (See Zetterholm, Earl E., assignor.)
Universal Oil Products Company. (See Zimmerman, Gorden B., assignor.)
Universal Paper Products Company. (See Amberg, Walter E., assignor.)
Universal Products Company Incorporated. (See Dunn, George E., assignor.)
Universal Products Company Incorporated. (See Miquelon, Pantaleon E., assignor.)
Universal Royalty and Development Company, The. (See Schmidt, Henry H., assignor.)
Universal Royalty and Development Company, The. (See Schmidt, Hermann H., assignor.)
Universal Winding Company. (See Beckman, Gustaf S., assignor.)
Universal Winding Company. (See Higgins, Frank W., assignor.)
Universal Winding Company. (See Reynolds, Charles D., assignor.)
Universal Winding Company. (See Swanson, E. R., and Jones, assignors.)
Universal Winding Company. (See Warren, W. S., and Jacobson, assignors.)
Universal Wire Spring Company, The. (See Blumensaadt, S. G., and Neely, assignors.)
Universal Zonolite Insulation Company. (See Goff, David C., assignor.)
Universal Zonolite Insulation Co. (See Sucetti, Glenn, assignor.)
University of Minnesota, Regents of the. (See Burr, George O., assignor.)
University of Minnesota, Regents of the. (See Hills, C. H., and Halvorson, assignors.)
University of Minnesota, Regents of. (See Piret, E. L., and Ritchell, assignors.)
University of Minnesota, Regents of the. (See Smith, Lee I., assignor.)
University of Tennessee Research Corporation. See Hertel, Kenneth L., assignor.)
University of Tennessee Research Corporation, The. (See Rosenthal, Fritz, assignor.)
Univis Lens Company, The. (See Smith, Charles V., assignor.)
Unkles, Edward H., Weehawken, and B. W. Roth, Interlocken, N. J., and C. S. Whitney, Jr., assignors, by mesne assignments, to Trans-Lux Ad-News Corporation, New York, N. Y. Sign control and system. 2,343,594; Mar. 7.
Unsworth, Thomas A., assignor to E. B. & A. C. Whiting Company, Burlington, Vt. Making fibrous bats. 2,341,130; Feb. 8.
Unterberg, Charles, Mobile, Ala. Controllable pitch propeller. 2,353,773; July 18.
Unterberg, Charles, Mobile, Ala. Antiaircraft shell. 2,360,912; Oct. 24.
Unterberg, Charles, Osborn, Ohio. Engine operation analyzer. 2,365,227; Dec. 19.
Unthank, George R., New Southgate, and H. A. J. Silley, London, England. Apparatus for separating oil from water contaminated therewith. 2,361,577; Oct. 31.
Upham, Harry E., Wakefield, Mass. Holder. 2,344,186; Mar. 14.
Upham, Harry E., Bridgeport, Conn., assignor to Remington Rand Inc., Buffalo, N. Y. Making electro-magnetic impulse motor. 2,364,572; Dec. 5.
Upham, John D. (See Wolk, I. L., and Upham.)
Upham, John D., Bartlesville, Okla., assignor to Phillips Petroleum Company. Isomerization of hydrocarbons. 2,356,487; Aug. 22.
Upp, George W., Lakewood, assignor to The Midland Steel Products Company, Cleveland, Ohio. Control apparatus. 2,345,223; Mar. 28.
Upp, George W., Lakewood, assignor to The Midland Steel Products Company, Cleveland, Ohio. Control system. 2,345,224; Mar. 28.
Upper, Frederick A. (See Benner, R. C., and Upper.)
Upson, Maxwell M., Englewood, N. J., assignor to Raymond Concrete Pile Company, New York, N. Y. Prestressed composite pile. 2,355,190; Aug. 8.
Upson, Maxwell M., Englewood, and J. N. Philbrook, Tenafly, N. J., assignors to Raymond Concrete Pile Company, New York, N. Y. Vessel and constructing it. 2,344,223; Mar. 14.
Upson, Ralph H., Ann Arbor, Mich., assignor, by mesne assignments, to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Control mechanism for airplanes. 2,340,237; Jan. 25.
Upson, Ralph H., Ann Arbor, Mich., assignor, by mesne assignments, to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Applying covering to airplane wing frames. 2,364,494; Dec. 5.

Upson, Walter L., Litchfield, assignor to The Torrington Manufacturing Co., Torrington, Conn. Blower wheel blade construction. 2,362,868; Nov. 14.

Upton, Austin R., Hamden, assignor to Western Cartridge Company, New Haven, Conn. Producing tin-coated copper tubes. 2,358,892; Sept. 26.

Upton, John, Wayland, assignor to Anderson Products, Inc., Cambridge, Mass. Air venting valve. 2,362,327; Nov. 7.

Upton, John, Cambridge, and W. T. Ferguson, Waban, assignors to Anderson Products, Inc., Cambridge, Mass. Air-venting valve for hot-water systems. 2,350,947; June 6.

Upton, Richard C., Mount Clemens, assignor of one-half to Commerce Pattern Foundry & Machine Company, Detroit, Mich. Electrically heated molten bath furnace. 2,355,761; Aug. 15.

Urbach, Franz, Rochester, N. Y. Combined printing and viewing arrangement. 2,349,999; May 30.

Urbain, Leon F., Chicago, Ill. Chalk trough. 2,338,146; Jan. 4.

Urbain, Leon F., Chicago, Ill. Assembling construction units. 2,340,911; Feb. 8.

Urbain, Walter M., assignor to Industrial Patents Corporation, Chicago, Ill. Gelatin preparation. 2,346,880; Apr. 18.

Urban, Fred O., Fort Wayne, Ind., assignor to General Electric Company. Refrigerating system. 2,359,595; Oct. 3.

Urbanek, Casimere A. (See Palme, A., and Urbanek.)

Urbany, Urban, San Diego, Calif. Footwear sole. 2,365,027; Dec. 12.

Urbas, Joseph, New York, and C. Bivona, Brooklyn, N. Y. Oil burner control and apparatus therefor. 2,360,179; Oct. 10.

Uren, Lester C., Berkeley, Calif., assignor to The Texas Company, New York, N. Y. Method and apparatus for graveling wells. 2,349,062; May 16.

Urquhart, Kenneth M., New York, N. Y. Gas producer system. 2,363,708; Nov. 28.

Urquhart, Noel, Stewart Manor, and W. J. Muldoon, Farmingdale, assignors to Control Instrument Company, Inc., Brooklyn, N. Y. Damping mechanism. 2,338,470; Jan. 4.

Urquhart, Radcliffe M., Montgomeryville, Pa. Apparatus for making cellular masses. 2,361,982; Nov. 7.

Ursche, Joe R. (See Urschel, W. E. and J. R.)

Urschel, William E., Valparaiso, Ind. Machine for building walls. 2,339,802; Jan. 25.

Urschel, William E., Valparaiso, Ind. Laying longitudinal wall courses. 2,339,803; Jan. 25.

Urschel, William E., Valparaiso, Ind. Crop stripping and husking device. 2,341,248; Feb. 8.

Urschel, William E. and J. R., Valparaiso, Ind. Dicing machine. 2,349,212; May 16.

Usbakoff, Alexis E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Making articles. 2,338,787; Jan. 11.

Usbakoff, Alexis E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Stiffening shoes. 2,343,390; Mar. 7.

Usbakoff, Alexis E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine for expanding hollow articles. 2,344,572; Mar. 21.

Usoskin, Joseph, New York, N. Y. Door rack. 2,349,391; May 23.

Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. Wave length modulation circuit. 2,342,708; Feb. 29.

Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. Frequency modulation system. 2,343,099; Feb. 29.

Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. Wave length modulator. 2,346,800; Apr. 18.

Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. Frequency modulator. 2,351,463; June 13.

Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. Frequency modulator. 2,353,203; July 11.

Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. Radio communication by means of polarization modulation. 2,357,439; Sept. 5.

Utilities Distributors, Inc. (See Anderson, Peter A., assignor.)

Utilities Service Company. (See Stephens, Allen C., assignor.)

Utility Electric Corp. (See Grossman, L., and Bahlke, assignors.)

Utility Trailer Manufacturing Company. (See Barnhart, R. M., Bennett, and Heinmiller, assignors.)

Utility Trailer Manufacturing Company. (See Barnhart, R. M., and Tormey, assignors.)

Utsinger, Edward L. (See Reeves, W. B., and Utsinger.)

Utter, Gustaf E., Worcester, Mass. Loom picker check. 2,354,340; July 25.

Utterback, Ernest, Upper Darby, and W. A. Hagerbaumer, Merwood Park, Pa., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Method and apparatus for separating entrained material from gases. 2,349,177; May 23.

Utz, Melvin, Peru, Ill. Recoil absorber for firearms. 2,344,752; Mar. 21.

Usmann, George J., Rockville Centre, N. Y., assignors to Aerovox Corporation, New Bedford, Mass. Aerial warfare. 2,363,626; Nov. 28.

V. Bock, Bernd, Ludwigshafen-on-the-Rhine, Germany, assignor to General Aniline & Film Corporation. Production of azo dyestuffs. 2,349,899; May 30.

V. Füner, Wilhelm. (See Free, G., and v. Füner.)

V. Fuener, Wilhelm. (See Free, G., v. Fuener, and Goehre.)

V. Fuener, Wilhelm. (See Kroenig, W., v. Fuener, and Grasal.)

Vaaler, John C. (See Ziebols, H., and Vaaler.)

Vacuum-Science Products Limited. (See van den Bosch, François J. G., assignor.)

Vahlteich, Hans W., Edwater, and R. H. Neal, Jersey City, N. J., assignors, by mesne assignments, to The Best Foods, Inc., New York, N. Y. Nickel catalyst. 2,365,125; Dec. 12.

Valpan, George A., Tyonek, Alaska. Saw jointing device. 2,354,228; July 25.

Valas, Peter D. (See Simpson, T. P., Payne, and Valas.)

Valenti, Francis P., Chicago, Ill. Sealable tag. 2,346,881; Apr. 18.

Valentine, Joseph E., Plainfield, N. J. Powder dispenser. 2,358,953; Sept. 26.

Valentine, Joseph E., Plainfield, N. J., assignor to Oxsyn Company. Noise eliminator. 2,345,842; Apr. 4.

Valentine Laboratories, Inc. (See Folkrod, Cyril C., assignor.)

Valentine, Percy W., Brooklyn, N. Y. Forming welt seams. 2,354,490; July 25.

Valentine, Percy W., Brooklyn, N. Y., assignor to The Puritan Manufacturing Company, Boston, Mass. Folder and cutter attachment for sewing machines. 2,354,491; July 25.

Valentine, Ralph E., Buffalo, N. Y., assignor to Curtiss-Wright Corporation. Punch. 2,359,690; Oct. 3.

Valentine, Richard H., Grosse Pointe Farms, assignor to General Motors Corporation, Detroit, Mich. Bearing mounting. 2,353,529; July 11.

Vallerie, John E., Norwalk, Conn. Engine cleaning and conditioning. 2,366,073; Dec. 26.

Vallernaud, Jean P. A., Valence-sur-Rhone, France; vested in the Alien Property Custodian. Obtaining detergent, wetting, foaming, metallic salt dispersing and emulsifying agents. 2,350,000; May 30.

Vallier, Wilfred F., Fort Smith, Ark. Carburetor. 2,352,924; July 4.

Vallinos, Nicholas, New York, N. Y. Combination flowerpot and jardiniere. 2,344,794; Mar. 21.

Valve Pilot Corporation. (See Welden, Fay D., assignor.)

Vámos, Joseph. (See Lénart, A., and Vámos.)

Van Ackeren, Joseph, Pittsburgh, Pa., assignor to Koppers Company. Coke-oven door. 2,338,675; Jan. 4.

Van Allan, Coral H., Elmira, N. Y. Girdle and corset stay. 2,355,575; Aug. 8.

Van Allan, James A. (See Allen, C. F. H., and Van Allan.)

Van Alstyne, Arthur J., Schenectady, N. Y., assignor to General Electric Company. Rotating coupling. 2,345,019; Mar. 28.

Vanatta, Clara F., administratrix. (See Vanatta, Willis N.)

Vanatta, Willis N., deceased, Ontario, Calif., C. F. Vanatta, administratrix. Soldering iron. 2,341,831; Feb. 15.

Van Benschoten, William H. (See Willard, R. G., and Van Benschoten.)

Van Bergen, Lambertus A., Aarle-Rixtel, Netherlands; vested in the Alien Property Custodian. Producing filaments, threads, fibers, bands, films and the like from proteins. 2,354,077; July 18.

Van Berkel, Wilhelmus A., The Hague, Netherlands, assignor to U. S. Slicing Machine Company, La Porte, Ind. Slicing machine. 2,355,487; Aug. 8.

Van Billiard, Lewis H., Newton, Conn., assignor to General Electric Company. Tuning system. 2,341,345; Feb. 8.

Van Blaricon, Harold R., and S. J. Rutland, U. S. Army. Apparatus for producing and viewing stereoscopic photographs. 2,339,822; Jan. 25.

Van Brederode, Mary S., et al., executrices. (See Smith, Robert A.)

Van Bruggen, Marinus G. (See De Boer, J. H., Verway, and Van Bruggen.)

Van Brunt Manufacturing Company, The. (See Hyland, William A., assignor.)

Van Buren, John, Brooklyn, N. Y. Machine for packaging gum. 2,350,576; June 6.

Van Campen, Henry, New York, N. Y., and A. D. Hill, Jr., Los Angeles, Calif. Smoke deflector for tobacco pipes and cigar and cigarette holders. 2,356,548; Aug. 22.

Van Campen, Marcus G., Jr. (See Shelton, R. S., and Van Campen.)

Vance, Arthur W., Moorestown, N. J., assignor to Radio Corporation of America. Electrical circuits. 2,347,008; Apr. 18.

Vance, Arthur W., Moorestown, N. J., assignor to Radio Corporation of America. Power supply for electron microscopes. 2,355,191; Aug. 8.

Vance, Paul A., Fort Wayne, Ind., assignor to General Electric Company. Electric apparatus. 2,354,078; July 18.

Vancil, Edgar D. (See Nenninger, L. F., Vancil, and Hassman.)

Van Cleave, Edwin E., Chicago, Ill. Handwheel brake operating mechanism. Re. 22,427; Jan. 25.

Van Cleef Bros. (See Van Cleef, Felix, assignor.)

Van Cleef, Felix, assignor to Van Cleef Bros., Chicago, Ill. Manufacture of golf club grips. 2,339,121; Jan. 11.

Vancoppenolle, Jean, Caen, Calvados, France; vested in the Alien Property Custodian. Device for the suspension of vehicles. 2,353,603; July 11.

Van Dam, Alexis. (See Horowitz, A., and van Dam.)

Van Dam, Neil J. (See Anderson, L. L., and Van Dam.)

Van Damme, Eugene, Richmond Hill, N. Y., by judicial change of name E. Vannee. Air raid black-out box. 2,364,831; Dec. 12.

Van Damme, Louis E., Weehawken, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Service observing system. 2,360,989; Oct. 24.

Van Degrift, Thomas C., assignor to General Motors Corporation, Detroit, Mich. Balancing machine. 2,344,753; Mar. 21.

Van de Kamp, Jacob, Westfield, assignor to Merck & Co., Inc., Rahway, N. J. Production of thiourea. 2,357,149; Aug. 29.

Van Dellen, Edward, and R. N. Ball, Visalia, Calif. Olive processing. 2,356,287; Aug. 22.

Van den Akker, Johannes A. (See Rowland, B. W., Fronmuller, and Van den Akker.)

Van den Akker, Johannes A., Appleton, Wis., assignor to The Institute of Paper Chemistry. Concentration recorder. 2,350,001; May 30.

Vandenberg, Paul W., Elmhurst, and J. Kacena, assignors to Crane Co., Chicago, Ill. Door and hinge construction. 2,342,619; Feb. 22.

Van den Berg, Walter, Cologne-Mulheim, Germany; vested in the Alien Property Custodian. Piston structure. 2,352,041; June 20.

Van den Bosch, François J. G., East Croydon, assignor to Vacuum-Science Products Limited, London, England. Electron multiplier. 2,338,885; Jan. 11.

Van den Bosch, François J. G., East Croydon, assignor to Vacuum-Science Products Limited, London, England. Electron multiplier apparatus. 2,340,407; Feb. 1.

Van den Bosch, François J. G., East Croydon, assignor to Vacuum-Science Products Limited, London, England. Electron discharge apparatus. 2,342,986; Feb. 29.

Van den Bosch, François J. G., East Croydon, assignor to Vacuum-Science Products Limited, London, England. Frequency changing apparatus. 2,342,987; Feb. 29.

Van den Dool, Berend J., Deventer, Netherlands; vested in the Alien Property Custodian. Pill box. 2,356,632; Aug. 22.

Van den Kieboom, Leon E. M., Semeac, near Tarbes, France; vested in the Alien Property Custodian. Method and apparatus for performing gauging and reproducing operations. 2,356,133; Aug. 22.

Van der Bie, Godfried J., Buitenzorg, Java, Netherland East Indies; vested in the Alien Property Custodian. Manufacture of purified rubber. 2,356,549; Aug. 22.

Van der Biel, Aldert. (See Strutt, M. J. O., van der Ziel, and Bakker.)

Vanderbilt, Byron M. (See Hass, H. B., and Vanderbilt.)

Vanderbilt, Byron M., Cranford, N. J., assignor to Standard Oil Development Company. Cracking of hydrocarbons. 2,347,527; Apr. 25.

Vanderbilt, R. T., Company. (See Craig, William L., assignor.)

Vanderbilt, R. T., Company. (See Russell, William F., assignor.)

Vandercook, George A., Jackson, Mich. Dishwasher. 2,365,367; Dec. 19.

Vander Els, Barth, Waldwick, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone system. 2,358,267; Sept. 12.

Van der Heem, Jan, The Hague, Netherlands, assignor, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Device for simultaneously tuning oscillatory circuits. 2,363,101; Nov. 21.

Van Der Hyde, Vincent A., Eau Claire, Wis. Emergency auto stretcher cot. 2,349,023; May 16.

Van der Leun, Cornelis, The Hague, Netherlands; vested in the Alien Property Custodian. Fastening device for casement windows, doors, and the like. 2,350,844; June 6.

Vander Linde, Egbert, assignor to The Yoder Company, Cleveland, Ohio. Apparatus for coiling sheet material. 2,352,042; June 20.

Vander Meer, John. Forward rowing mechanism. 2,333,555; Jan. 4.

Van der Mey, Wytze Hendrik. (See van Lammeren, J. A., and van der Mey.)

Van der Plas, Frederik, Bandoeng, Java, Netherland East Indies; vested in the Alien Property Custodian. Coin watermeter. 2,358,268; Sept. 12.

Van der Pyl, Edward, Holden, Mass., assignor to Behr-Manning Corporation, Troy, N. Y. Flexible abrasive product. 2,339,208; Jan. 11.

Van der Schalie, Hendrik, Ridgewood, N. J. Film device. 2,363,627; Nov. 28.

Vandersteel, William. (See Huntley, H. B., and Vandersteel.)

Van Derveer, Clarence A., assignor to S. Karpen & Bros., Chicago, Ill. Chair or seat. 2,355,762; Aug. 15.

Vanderveil Products Limited. (See Johnson, Ernest W., assignor.)

Van Der Werff, Jacob B., Pasadena, Calif., assignor to Adel Precision Products Corp. Fluid controlled valve. 2,345,306; Mar. 28.

Van Der Werff, Jacob B., Pasadena, Calif., assignor to Adel Precision Products Corp. Hydraulic remote control system. 2,359,949; Oct. 10.

Vanderwerf, Leonard H., New York, N. Y. Method and apparatus for consuming bodies. 2,365,983; Dec. 26.

Vanderzee, Harry H. (See Baldwin, C. P., and Vanderzee.)

Vanderzee, Harry H., Michigan City, Ind., assignor to Sullivan Machinery Company. Chain. 2,365,228; Dec. 19.

Vanderzee, Harry H., Michigan City, Ind., assignor to Sullivan Machinery Company. Pivoted link chain. 2,365,229; Dec. 19.

Van Deventer, Harry R. (See Shively, J. J., and van Deventer.)

Van Deventer, Harry R., New York, N. Y. Electric circuit molding. 2,361,721; Oct. 31.

Van Deventer, Harry R., assignor, by mesne assignments, to Telephone Answering and Recording Corporation, New York, N. Y. Private branch exchange telephone system employing phonographs. 2,340,160; Jan. 25.

Van Deventer, Harry R., assignor, by mesne assignments, to Telephone Answering and Recording Corporation, New York, N. Y. Apparatus for operating phonographs and processing records therefor. 2,340,161; Jan. 25.

Van Deventer, Ralph E. (See Clark, J. M., and Van Deventer.)

Van Deventer, Ralph E., assignor to Packard Motor Car Company, Detroit, Mich. Engine cylinder and protecting the same against corrosion. 2,359,700; Oct. 3.

Van Dijk, Dick. (See Archibald, F. M., and van Dijk.)

Van Dorn Iron Works Company, The. (See Schlobohm, L., and Farrar, assignors.)

Van Dorn, William E., Pasadena, assignor to Pacific Railway Equipment Company, Los Angeles, Calif. Air circulating system for refrigerator cars and the like. 2,349,315; May 23.

Van Dusee, Everett N., Lake Charles, La., assignor to Shell Development Company, San Francisco, Calif. Salt water disposal system. 2,348,161; May 2.

Van Dyke, Edward E. (See Noble, J. D., and Van Dyke.)

Van Dyke, Frank G., assignor to Bordon Mfg. Co., Inc., Detroit, Mich. Electrode holder. 2,348,270; May 9.

Van Dyke, Harry B., Stelton, B. F. Chow, Highland Park, and R. O. Greep, Stelton, N. J., assignors to E. R. Squibb & Sons, New York, N. Y. Obtaining posterior pituitary hormone. 2,342,172; Feb. 22.

Van Dyke, Harry B., and R. O. Greep, Stelton, and B. F. Chow, Highland Park, N. J., assignor to E. R. Squibb & Sons, New York, N. Y. Gonad-stimulating hormones, and obtaining and separating them. 2,356,803; Aug. 29.

Vanek, Otto J. (See Dentzer, C. J., Shurmer, and Vanek.)

Van Epps, Clarence F., assignor to The Lauxite Corporation, Lockport, N. Y. Paper. 2,348,686; May 9.

Van Epps, Clarence F., assignor to The Lauxite Corporation, Lockport, N. Y. Water-soluble phenolic adhesive resin and method. 2,360,376; Oct. 17.

Vanerstrom, Charles L., Detroit, Mich. Vise. 2,338,471; Jan. 4.

Vanes, John A. (See Campbell, C. W., and Vanes.)

Van Ess, Paul R., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Lubricating oil. 2,359,063; Sept. 26.

Van Ess, Paul R., Berkeley, and E. R. White, Albany, assignors to Shell Development Company, San Francisco, Calif. Lubricating oil composition. 2,352,669; July 4.

Van Every, Bliss, Buffalo, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture. 2,364,112; Dec. 5.

Van Fossen, Ralph A. (See Phillips, Willard D.)

Van Fossen, Ralph A. (See Phillips, W. D., and Van Fossen.)

Vang, Alfred, Newark, N. J., assignor of one-half to Stevenson, Jordan & Harrison, Inc., New York, N. Y. Drying of vegetables. 2,344,754; Mar. 21.

Vang, Alfred, Newark, N. J., assignor of one-half to Stevenson, Jordan & Harrison, Inc., New York, N. Y. Vibration dampening. 2,361,071; Oct. 24.

Van Gelder, Dirk W., Maasniel, Netherlands; vested in the Alien Property Custodian. Purifying sulphuric acid solutions. 2,344,429; Mar. 14.

Van Gessel, Karel, New York, N. Y., assignor to Hartford National Bank and Trust Company, Hartford, Conn., trustee. Fluorescent lamp. 2,346,522; Apr. 11.

Van Guilder, Walter, River Forest, assignor to Precision Scientific Company, Chicago, Ill. Indirectly heated oven. 2,339,365; Jan. 18.

Van Hamersveld, John J. N., Cleveland Heights, assignor to The Warner & Swasey Company, Cleveland, Ohio. Machine tool. 2,340,912; Feb. 8.

Van Hamersveld, John J. N., Cleveland Heights, assignor to The Warner & Swasey Company, Cleveland, Ohio. Machine tool. 2,344,187; Mar. 14.
Van Hamersveld, John J. N., Cleveland Heights, assignor to The Warner & Swasey Company, Cleveland, Ohio. Machine tool. 2,359,084; Sept. 26.
Van Hise, Lester E., assignor, by mesne assignments, to N. E. Coles, Los Angeles, Calif. Electric heater. 2,355,687; Aug. 15.
Van Hook, Andrew. (See Kokatnur, V. R., and Van Hook.)
Van Hoose, Neal, Belleville, and K. J. Harding, East St. Louis, Ill. Furnace reconstruction. 2,354,561; July 25.
Van Horn, James J., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,344,333; Mar. 14.
Van Horn, James J., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,344,573; Mar. 21.
Van Horn, James J., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,357,240; Aug. 29.
Van Horn, Lee. (See Kelly, L. J., and Van Horn.)
Van Horn, Lee, Westfield, and L. J. Kelly, Tenafly, assignors to The M. W. Kellogg Company, Jersey City, N. J. Catalytic method. 2,357,365; Sept. 5.
Van Horn, Oertel F., New York, and J. D. Whittaker, Babylon, assignors to Automatic Appliance Corporation, New York, N. Y. Magazine for firearms. 2,338,984; Jan. 11.
Van Housen, Thomas C., Jr., assignor to Scolding Locks Corporation, Appleton, Wis. Bowlegged hair fastener. 2,352,419; June 27.
Van Ingen Schenau, Bernardus W., Eindhoven, Netherlands, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Controlled degenerative feedback circuits. 2,340,443; Feb. 1.
Van Lawagen, Charles L., Jr., Rutherford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Panel selector contact shoe. 2,343,100; Feb. 29.
Vanity Fair Mills, Inc. (See Burns, Charles R., assignor.)
Van Lammeren, Johannes A., and W. H. van der Mey, Eindhoven, Netherlands; vested in the Alien Property Custodian. Remote motor control. 2,345,778; Apr. 4.
Van Liempt, Johannes A. M., and P. Leijdens, Eindhoven, Netherlands. Flash lamp. 2,351,375; June 13.
Van Lieshout, Loisius J. A., Larchmont, N. Y., assignor to Hartford National Bank and Trust Company, Hartford, Conn. Radio receiver. 2,347,977; May 2.
Van Loo, William J., Jr. (See Johnstone, Edwin P., Jr., and Van Loo.)
Van Meerbeke, Gordon F. L., Orlando, Fla. Pitot tube block-connector assembly. 2,358,367; Sept. 19.
Van Mierlo, Stanislas, Paris, France, assignor to International Standard Electric Corporation, New York, N. Y. Electron multiplier. 2,346,952; Apr. 18.
Vannes, Eugene. (See Van Damme, Eugene.)
Van Ness, Floyd S., Mine Hill, N. J. Filler fixture. 2,360,914; Oct. 24.
Van Nest, Francis H. (See Dickinson, E. D., and Van Nest.)
Van Niekerk, Russell J., Florida, Transvaal, Union of South Africa. Centrifugal molding of concrete products. 2,349,213; May 16.
Van Nimwegen, Garret, assignor to The Carborundum Company, Niagara Falls, N. Y. Abrasive article. 2,342,313; Feb. 22.
Van Norde, Peter, Summit, assignor to Irvington Varnish & Insulator Co., Irvington, N. J. Sheet material slitting and winding machine. 2,343,720; Mar. 7.
Van Norman Company. (See Curtis, Frank W., assignor.)
Van Otterloo, John G. (See Seligman, B. A. L., Schwarskopf, and Van Otterloo.)
Van Overbeek, Adrianus J. W. M., Eindhoven, Netherlands; vested in the Alien Property Custodian. Secondary electron amplifier. 2,340,631; Feb. 1.
Van Peski, Adrianus J., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Isomerization of hydrocarbons. 2,338,472; Jan. 4.
Van Raalte Company. (See Griffis, Lawrence W., assignor.)
Van Raalte Company. (See Hayes, Clyde B., assignor.)
Van Raalte Company. (See Hayes, C. B., and Thorpe, assignors.)
Van Riper, Dale H. (See Gillum, D. E., and Van Riper.)
Van Riper, Willard F., Wilmington, Del., and W. J. Zinck, Woodstown, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyeing of hair. 2,338,745; Jan. 11.
Van Riper, Willard F., Wilmington, Del., and W. J. Zinck, Woodstown, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyeing of hair. 2,338,746; Jan. 11.
Van Roo, Elmer, Milwaukee, Wis. Antitheft device. 2,339,122; Jan. 11.
Van Roo, Robert, U. S. Army, West Point, N. Y. Apparatus for stacking powder grains. 2,364,113; Dec. 5.
Van Rosen, Robert, New York, N. Y., assignor to J. Makowsky Corporation. Carton. 2,350,263; May 30.
Van Rosen, Robert, New York, N. Y., assignor to J. Makowsky Corporation. Carton. 2,360,806; Oct. 17.
Van Ryan, Anthony. (See Lindell, S. I., and Van Ryan.)
Van Sant, Edith B., Hollywood, Calif. Heel lift protector. 2,349,479; May 23.
Van Sant, Victor H., Westfield, N. J., assignor to Federal Telephone and Radio Corporation. Grid construction. 2,345,641; Apr. 4.
Van Saun, Raymond H., Mount Prospect, assignor to Container Corporation of America, Chicago, Ill. Container. 2,342,564; Feb. 22.
Van Schaack, Robert H., Jr., Evanston, Ill. Preparing dibenzyl. 2,344,188; Mar. 14.
Vanselow, Waldemar, A. Weissberger, and D. B. Glass, assignors to Eastman Kodak Company, Rochester, N. Y. Diazotype photographic material. 2,350,843; June 6.
Van Sickle, Pierre, Indianapolis, Ind. Universal power saw. 2,354,625; July 25.
Van Sickle, Wilton, Lincoln, Nebr. Fishing bait retriever. 2,344,838; Mar. 21.
Van Sittert, Paul, Shaker Heights, assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Portable tool. 2,343,595; Mar. 7.
Van Sittert, Paul, Shaker Heights, and A. J. Lev, Garfield Heights, assignors to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Rotary tool. 2,339,530; Jan. 18.
Van Sittert, Paul, Shaker Heights, and A. J. Lev, Garfield Heights, assignors to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Nut setter. 2,339,531; Jan. 18.
Van Sittert, Paul, Shaker Heights, and A. J. Lev, Garfield Heights, assignors to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Nut setter. 2,343,596; Mar. 7.
Van Sittert, Paul, Shaker Heights, and L. G. Speth, East Cleveland, assignors to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Riveting tool. 2,350,002; May 30.
Van Slyke, Victor T., assignor to Reciprocating Razors Corporation, Philadelphia, Pa. Reciprocating safety razor. 2,355,830; Aug. 15.
Van Sweringen, Harry M., assignor to Chicago Railway Equipment Company, Chicago, Ill. Railway brake gear support. 2,356,018; Aug. 15.
Vantassel, Harry C., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,348,580; May 9.
Van Tuyl, Sidney E. (See Swett, D. M., and Van Tuyl.)
Van Tuyl, Sidney E., Riverside, assignor to American Tag Company, Chicago, Ill. Tag marking machine. 2,343,721; Mar. 7.
Van Valkenburg, Hermon L., Wauwatosa, Wis., assignor to Square D Company, Detroit, Mich. Electric switch. 2,352,815; July 4.
Van Valkenburg, Hermon L., Wauwatosa, Wis., assignor to Square D Company, Detroit, Mich. Electric switch. 2,363,912; Nov. 28.
Van Valkenburg, Hermon L., Wauwatosa, and J. Bierenfeld, Milwaukee, Wis., assignors to Square D Company, Detroit, Mich. Electromagnetic operator. 2,360,744; Oct. 17.
Van Valkenburgh, Edward A., New York, N. Y., assignor of three-fourths to Amino Products Corporation. Amino derivative of organic acids for rubber compounding surface activation, etc. 2,360,913; Oct. 24.
Van Valkenburgh, Edward A., New York, N. Y., assignor of three-fourths to Amino Products Corporation. Rubber compounding, etc. 2,360,990; Oct. 24.
Vanucci, Frank. (See Lannan, G. M., and Vanucci.)
Van Vlaanderen Machine Co. (See Lane, George W., assignor.)
Van Vleck, Horace R., Upper Montclair, N. J. Power take-off mechanism. 2,351,646; June 20.
Van Voorhis, William G. (See Hollmann, H., and Van Voorhis.)
Van Voorhis, William G., Columbus, assignor to The Buckeye Traction Ditcher Company, Findlay, Ohio. Depth indicator for wheel type trenchers. 2,351,792; June 20.
Van Vulpen, John. (See La Rocque, J. E., and Van Vulpen.)
Van Vulpen, John, and E. H. Burgess, assignors to Vapor Car Heating Company, Inc., Chicago, Ill. Battery charging system. 2,355,488; Aug. 8.
Van Weenen, Franciscus L. (See Cramwinckel, A., and van Weenen.)
Van Wirt, Alfred E., and R. E. Lalor, assignors to Imperial Paper and Color Corporation, Glens Falls, N. Y. Basic sodium zinc chromate pigment. 2,340,716; Feb. 1.
Van Wirt, Alfred E., and G. F. Jones, assignors to Imperial Paper and Color Corporation, Glens Falls, N. Y. Iron blue pigment. 2,357,296; Sept. 5.
Van Wirt, Alfred E., and A. G. Ayllea, assignors to Imperial Paper and Color Corporation, Glens Falls, N. Y. Vanadium recovery from chromates. 2,357,955; Sept. 12.
Van Wormer, Carl W., Bellaire, Tex. Drilling apparatus. 2,355,342; Aug. 8.
Van Wyck, Walter. (See Copeland, E. S., Porter, and Van Wyck.)
Van Zoeren, Gerrit J., Holland, Mich., assignor to The Wm. S. Merrell Company, Cincinnati, Ohio. Synthesis of aryl-alkyl-halogeno-ethanes. 2,349,779; May 23.

Vapor Car Heating Company. (See La Rocque, J. E., and Van Vulpen, assignors.)
Vapor Car Heating Company. (See Lehane, T. J., and Burgess, assignors.)
Vapor Car Heating Company. (See Van Vulpen, J., and Burgess, assignors.)
Vard, Inc. (See Cole, R. H., and Glover, assignors.)
Vard, Inc. (See Kent, Allen H., assignor.)
Vard, Inc. (See MacLeod, Robert M., assignor.)
Vard, Inc. (See Wallace, Vard B., assignor.)
Varga, Mike, New York, N. Y. Lawn mower. 2,364,039; Nov. 28.
Varga, Stephen, East Palo Alto, Calif., assignor, by mesne assignments, to A. A. Durant, Honolulu, Hawaii. Protecting pipe. 2,347,855; May 2.
Vargha, Laszlo. (See Kramlf, A., and Vargha.)
Varian Russell H. (See Varian, Sigurd F. and R. H.)
Varian, Russell H., Bellmore, and W. W. Hansen, Garden City, N. Y., assignors to The Board of Trustees of The Leland Stanford Junior University, Stanford University, Calif. High-frequency electrical apparatus. 2,359,811; Oct. 10.
Varian, Sigurd F. and R. H., West Hempstead, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. High frequency tube structure. 2,345,642; Apr. 4.
Varner, Harry W., Prince Rupert, British Columbia, Canada. Ski brake. 2,360,629; Oct. 17.
Varney, Manford D., and L. H. Splers, assignors to The Exact Weight Scale Company, Columbus, Ohio. Weighing scale. 2,341,507; Feb. 8.
Varro, Joseph, et al. (See Olaszy, Joseph M., assignor.)
Varrone, Emilio. (See Naida, William, assignor.)
Vars, Ethan W., Bellefonte, Pa. Clasp. 2,362,681; Nov. 14.
Vartabedian, Kalusd, Chicago, Ill. Life preserver. 2,347,583; Apr. 25.
Vartia, Kari O., Tucumcari, N. Mex. Bridge stabilizing means. 2,358,672; Sept. 19.
Vascoloy-Ramet Corporation. (See Clark, Herbert B., assignor.)
Vatet, Oscar, Washington, D. C. Fastening. 2,342,709; Feb. 29.
Vatter, Claude A., Long Beach, Calif. Electrical speed controller. 2,350,431; June 6.
Vatter, Clifford C., assignor to The Bradley & Gilbert Company, Louisville, Ky. Container. 2,353,376; July 11.
Vaugham Motor Company. (See Weiss, Samuel, assignor.)
Vaughan, Frank P., Winnetka, Ill., A. G. Krueger, N. J. Slye, and J. B. Engel, assignors to Bay West Paper Company, Green Bay, Wis. Web dispenser. 2,344,660; Mar. 21.
Vaughan, Henry E., Valley Stream, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,338,216; Jan. 4.
Vaughan, Henry E., Valley Stream, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,352,142; June 20.
Vaughan, Joseph A. (See Harvey, J. E., Jr., White, and Vaughan.)
Vaughan, Joseph A., assignor to Southern Wood Preserving Company, Atlanta, Ga. Conditioning wood for preservative treatment. 2,350,845; June 6.
Vaughan, Paul S., Auburn, and A. W. Infanger, Cayuga, assignors to American Locomotive Company, New York, N. Y. Torsional vibration damper. 2,344,430; Mar. 14.
Vaughan, William H., DeKalb County, assignor to M. A. Ferst, Ltd., Atlanta, Ga. Pencil lead, crayon, and ceramic. 2,348,315; May 9.
Vaughn, Albert E., Los Angeles, Calif. Powder puff. 2,350,707; June 6.
Vaughn, Albert E., Los Angeles, Calif. Producing powder puffs. 2,365,920; Dec. 26.
Vaughn, Albert E., Los Angeles, Calif. Container for cosmetic powder. 2,365,921; Dec. 26.
Vaughn, Albert E., Los Angeles, Calif. Producing powder puffs. 2,365,922; Dec. 26.
Vaughn, Albert L., Elko, Nev. Power transmission. 2,351,242; June 13.
Vaughn, John L., assignor to R. W. Hood, Chicago, Ill. Pitcher manikin. 2,349,892; May 30.
Vaughn, John L., assignor of one-half to R. W. Hood, Chicago, Ill. Shockproof relay. 2,353,377; July 11.
Vaughn Machinery Company, The. (See McIlvried, Edwin J., assignor.)
Vaughn Machinery Company, The. (See Nye, N. H., and McIlvried, assignors.)
Vaughn, Norman L. (See Morgan, W. L., and Vaughn.)
Vaughn, Sidney P., Ackerman, Miss. Mop. 2,358,673; Sept. 19.
Vaughn, Thomas H. (See Smith, C. E., and Vaughn.)
Vautier, Leon P. G., Saint Just Des Marais, France; vested in the Alien Property Custodian. Preparing artificial sponges. 2,346,201; Apr. 11.
Vayda, Louis L., and J. A. Stein, Pittsburgh, Pa. Gas analyzer. 2,363,027; Nov. 21.
Vedder, John W. (See Lowe, D. V., Vedder, and Adams.)
Vedder, John W., Worcester, and E. W. Clem, Shrewsbury, assignors to Rice Barton Corporation, Worcester, Mass. Paper stock flow valve regulating mechanism. 2,339,730; Jan. 18.
Veeder-Root Incorporated. (See Bliss, Harvey N., assignor.)
Veeder-Root Incorporated. (See Mangan, Joseph B., assignor.)
Veeder-Root Incorporated. (See Spaunburg, Harvey L., assignor.)
Veeder-Root Incorporated. (See Vroom, Harold B., assignor.)
Vehicular Parking, Ltd. (See Toce, C. A., and Broussard, assignors.)
Veinott, Cyril G., and H. J. Braun, Lima, Ohio, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Aircraft rectifier system. 2,361,248; Oct. 24.
Veit, Hermann E. (See Buchal, W., and Veit.)
Veit, John A., North Tonawanda, N. Y. Antiaircraft gun. 2,352,577; June 27.
Vejin, Inc. (See Ginn, Wells W., assignor.)
Veldhuizen, Romijn. (See Dorsman, C., Reynst, and Veldhuizen.)
Veley, Hugh N., assignor to Speer Resistor Corporation, St. Marys, Pa. Choke coil, resistor, or the like. 2,355,611; Aug. 15.
Veley, Hugh N., assignor to Speer Resistor Corporation, St. Marys, Pa. Machine for forming resistor leads. 2,361,983; Nov. 7.
Velsicol Corporation. (See Hyman, Julius, assignor.)
Veltman, Preston L., Fishkill, assignor, by mesne assignments, to The Texas Company, New York, N. Y. Catalysts. 2,351,562; June 13.
Veltman, Preston L., Fishkill, assignor to The Texas Company, New York, N. Y. Catalysts. 2,364,114; Dec. 5.
Venable, Emerson, Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Cooling electrical apparatus. 2,354,159; July 18.
Venable, Emerson, Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Cooling electrical apparatus. 2,361,249; Oct. 24.
Venable, William H., assignor to Blaw-Knox Company, Pittsburgh, Pa. Indicator for lubricating systems or the like. 2,339,532; Jan. 18.
Venable, William H., assignor to Blaw-Knox Company, Pittsburgh, Pa. Fluid dosing device. 2,341,249; Feb. 8.
Venable, William H., assignor to Blaw-Knox Company, Pittsburgh, Pa. Fluid dosing device. 2,346,801; Apr. 18.
Venard, William G., San Francisco, Calif. Truck. 2,344,755; Mar. 21.
Venditty, Anthony. (See Booth, J. H., and Venditty.)
Venditty, Anthony. (See Graham, M. P., and Venditty.)
Vanditty, Anthony, Detroit, Mich., assignor to Thompson Products Incorporated, Cleveland, Ohio. Ball joint. 2,350,482; June 6.
Veneziano, Joseph, Brooklyn, N. Y. Snow removal device. 2,353,094; July 4.
Vensel, Richard R., Brookside Farms, Pa. Game and game apparatus. 2,339,209; Jan. 11.
Venton, Frederick R. (See Fennema, R., De Craene, Dopp, and Venton.)
Venton, Frederick R., Elmhurst, and M. A. Gleeson, assignors to Crane Co., Chicago, Ill. Valve. 2,359,741; Oct. 10.
Ventre, Emil K., H. C. Henry, and F. L. Gayle, Baton Rouge, La., assignors to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Production of aconitic acid. 2,345,079; Mar. 28.
Ventre, Emil K., Baton Rouge, J. A. Ambler and S. Byall, New Orleans, and H. C. Henry, Baton Rouge, La., assignors to the United States of America as represented by Claude R. Wickard, Secretary of Agriculture, and his successors in office. Extraction of aconitic acid from plant juices. 2,359,537; Oct. 3.
Venuto, Louis J. (See Wiegand, W. B., and Venuto.)
Verbanc, John J. (See Williams, I., Sturgis, and Verbanc.)
Verbeek, Arnold F., Wuestenbrand, Germany, assignor to Kallo, Inc., New York, N. Y. Topping stand. 2,345,546; Mar. 28.
Verbeck, Bruno J., Chicago, Ill., assignor to Wilson & Co., Inc. Stabilizing fatty materials. 2,354,719; Aug. 1.
Verburg, Cornelis. (See Posthumus, K., Penning, Dorgelo, and Verburg.)
Verderber, Joseph, Cleveland, Ohio. Measuring device. 2,350,432; June 6.
Verderber, Joseph, Cleveland, Ohio. Quill feeding and adjusting means therefor. 2,358,954; Sept. 26.
Verduin, Fredric C. (See Todd, S. P., and Verduin.)
Vergobbi, John G., Quincy, Mass., assignor to Pneumatic Scale Corporation, Limited. Carton forming machine. 2,364,406; Dec. 5.
Vergobbi, Robert W., assignor to Pneumatic Scale Corporation, Limited. Carton. 2,351,165; June 13.
Vergobbi, Robert W., assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Carton. 2,351,166; June 13.
Verhagen, Christian M., Elkhart, Ind., assignor to The Adlake Company, Chicago, Ill. Breather for multiple glass sash. 2,345,643; Apr. 4.
Verhagen, Christian M., Elkhart, Ind., assignor to The Adlake Company, Chicago, Ill. Rubber glazing strip for multiple glass sash. 2,354,341; July 25.

Verheul, Maarten M., E. P. Potts and E. K. Lane, Houston, Tex., assignors to Halliburton Oil Well Cementing Company, Duncan, Okla. Apparatus for introducing fluid into openings. 2,341,832; Feb. 15.
Vermette, Lucien, Yonkers, N. Y. Swing. 2,366,135; Dec. 26.
Vermeulen, Theodore. (See Huppke, W. F., and Vermeulen.)
Vermilya, James N., Cincinnati, assignor to The American Laundry Machinery Company, Norwood, Ohio. Process and apparatus for drying. 2,360,915; Oct. 24.
Vernon, George N., San Francisco, Calif. Parachute. 2,351,871; July 4.
Vernon Tool Co. Ltd. (See Grumbaugh, Lee, assignor.)
Vernon, William F., Newton, Iowa. Girder brace for outdoor signs. 2,350,433; June 6.
Verschuyl, Jan, Darien, assignor to Schick Incorporated, Stamford, Conn. Electric shaver. 2,365,368; Dec. 19.
Versoo Allsteel Press Company. (See Berg, Louis B., assignor.)
Verwer, Evert J. W. (See De Boer, J. H., Verwey, and Van Bruggen.)
Vesely, Josef, Hoddesdon, England. Gun mounting. 2,342,443; Apr. 25.
Vesely, Josef, Winchmore Hill, London, England. Trigger mechanism for automatic firearms. 2,360,180; Oct. 10.
Vesely, Josef, Brunn, Czechoslovakia; vested in the Alien Property Custodian. Cartridge belt. 2,365,028; Dec. 12.
Vesta, Lewis A., Boyd, Minn. Sunshade. 2,350,297; May 30.
Vetorino, John E., Fairhaven, assignor to Continental Machinery Co., Inc., New Bedford, Mass. Tumbling machine. 2,360,377; Oct. 17.
Vetorino, John E., Fairhaven, assignor to Continental Machinery Co., Inc., New Bedford, Mass. Degreasing machine. 2,360,379; Oct. 17.
Vetorino, John E. and N. R. Gendron, assignors to Continental Machinery Co., Inc., New Bedford, Mass. Clutch. 2,360,378; Oct. 17.
Vetorino, John E., Fairhaven, and N. R. Gendron, assignors to Continental Machinery Co., Inc., New Bedford, Mass. Tumbling machine. 2,360,380; Oct. 17.
Vetter, Johannas, San Diego, Calif. Combination drill guide and clamp. 2,351,243; June 13.
Vetter, Joseph J., Hackensack, assignor to Natural Products Refining Co., Jersey City, N. J. Chromium iron alloys. 2,340,238; Jan. 25.
Vetter, Joseph J., Hackensack, assignor to Natural Products Refining Co., Jersey City, N. J. Making chromium iron alloys. 2,364,257; Dec. 5.
Vial, Frederick K., assignor to Griffin Wheel Company, Chicago, Ill. Cast article and making. 2,352,237; June 27.
Vickers-Armstrongs Limited. (See Higson, Percy R., assignor.)
Vickers-Armstrongs Limited. (See Wallis, Barnes N., assignor.)
Vickers, Harry F., assignor to Vickers, Incorporated, Detroit, Mich. Hoist brake and control system. 2,351,084; June 13.
Vickers, Harry F., and R. C. Griffith, assignors to Vickers Incorporated, Detroit, Mich. Power transmission. 2,365,126; Dec. 12.
Vickers Incorporated. (See Gauld, John, assignor.)
Vickers Incorporated. (See Harrington, Ferris T., assignor.)
Vickers Incorporated. (See Harrington, F. T., and Griffith, assignors.)
Vickers Incorporated. (See Harrington, F. T., Griffith, and Shartle, assignors.)
Vickers, Incorporated. (See Harrington, F. T., and Robinson, assignors.)
Vickers Incorporated. (See Harrington, F. T., Seidel, and Shartle, assignors.)
Vickers Incorporated. (See Harrington, F. T., Twyman, and Robinson, assignors.)
Vickers Incorporated. (See Herman, Kenneth R., assignor.)
Vickers Incorporated. (See Herman, K. R., and Griffith, assignors.)
Vickers Incorporated. (See Miller, R. S. and Zintz, assignors.)
Vickers, Incorporated. (See Moser, Jesse, assignor.)
Vickers Incorporated. (See Nye, Hugh C., assignor.)
Vickers Incorporated. (See Porskievics, Anthony J., assignor.)
Vickers Incorporated. (See Robinson, James, assignor.)
Vickers Incorporated. (See Rouse, W. E., Robinson, and Diethar, assignors.)
Vickers Incorporated. (See Shartle, Robert A., assignor.)
Vickers Incorporated. (See Tweedale, Ralph L., assignor.)
Vickers Incorporated. (See Twyman, L. R., Moser, and Rose, assignors.)
Vickers, Incorporated. (See Vickers, Harry F., assignor.)
Vickers Incorporated. (See Vickers, H. F., and Griffith, assignors.)
Vickers Incorporated. (See Weathers, Leland C., assignor.)
Vickers Incorporated. (See Zimmermann, Lukas, assignor.)
Vickers Petroleum Co., The. (See Hirsch, J. H., and Herin, assignors.)
Vickery, Frederick W., London, England, assignor to Vickery Incorporated, Boston, Mass. Machine for conditioning felts of papermaking machines. 2,352,991; July 4.
Vickery Incorporated. (See Vickery, Frederick W., assignor.)
Vico Products Company. (See Maisel, Ben, assignor.)
Victor Adding Machine Co. (See Buehler, Robert O., assignor.)
Victor Adding Machine Co. (See Mehan, Thomas O., assignor.)
Victor, Alexander F., New York, N. Y. Impedance or drag for cine projectors. 2,341,301; Feb. 8.
Victor, Alexander F., New York, N. Y. Cam flywheel and shutter for motion picture apparatus. 2,344,574; Mar. 21.
Victor, Alexander F., New York, N. Y. Adjustable sound optics for cineprojectors. 2,364,495; Dec. 5.
Victor Chemical Works. (See Barackman, Rufus A., assignor.)
Victor Electric Products, Inc. (See Spear, Walter A., assignor.)
Victor Equipment Company. (See Houghton, Wilbur S., assignor.)
Victor Manufacturing & Gasket Company. (See Antonelli, Joseph A., assignor.)
Victor Manufacturing & Gasket Company. (See Bernstein, W. F., and Lillis, assignors.)
Victor Metal Products Corporation. (See Apfelbaum, Huna L., assignor.)
Victor Metal Products Corporation. (See Derham, P. A., and Newport, assignors.)
Victor Metal Products Corporation. (See Hoch, John, assignor.)
Victor Metal Products Corporation. (See Temple, George W., assignor.)
Victor, Victor A., Brooklyn, N. Y. Method and apparatus for making pile fabrics. 2,358,368; Sept. 19.
Victory Safety Hammer Corporation. (See Gallant, Francis A., assignor.)
Vidal, Charles H., London, England. Machine-tool chuck. 2,363,709; Nov. 28.
Vidal Corporation. (See Vidal, Eugene L., assignor.)
Vidal Corporation. (See Vidal, E. L., and Marhoefer, assignors.)
Vidal, Eugene L., Rye, N. Y., assignor to Vidal Corporation. Forming laminated molded structures. 2,342,988; Feb. 29.
Vidal, Eugene L., New York, N. Y., and L. J. Marhoefer, Wood-Ridge, N. J., assignors, by mesne assignments, to Vidal Corporation. Laminated structure and making such structure. 2,342,023; Feb. 15.
Vidal, Eugene L., New York, N. Y., and L. J. Marhoefer, Wood-Ridge, N. J., assignors, by mesne assignments, to Vidal Corporation. Laminated structure. 2,348,316; May 9.
Viehmann, John C. L., Manhasset, N. Y. Extension leaf table. 2,348,371; May 9.
Viehweger, August, assignor to Grand Rapids Hardware Company, Grand Rapids, Mich. Sash balance. 2,365,156; Dec. 19.
Vienneau, Jacob J., Pittsfield, Mass., assignor to General Electric Company. Bushing construction for electrical apparatus. 2,343,210; Feb. 29.
Vienneau, Jacob J., Pittsfield, Mass., assignor to General Electric Company. High voltage winding. 2,344,334; Mar. 14.
Viera, George E. (See Cavanaugh, W. T., and Viera.)
Vierling, Frank J., assignor to M. M. Liederbach, Minneapolis, Minn. Measuring instrument. 2,363,165; Nov. 21.
Vierling, Frank J., assignor to M. M. Liederbach, Minneapolis, Minn. Layout instrument. 2,363,166; Nov. 21.
Vierling, Otto, and P. Günswein, Dresden, Germany; vested in the Alien Property Custodian. Making polarizing filters. 2,344,117; Mar. 14.
Vieth, Leonard, Jackson Heights, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coin operated device. 2,349,214; May 16.
Vieths, Harvey M., Mesa, Idaho. Fish catching device. 2,348,040; May 2.
Vietti, William V., and A. D. Garrison, Houston, Tex., assignors to The Texas Company, New York, N. Y. Drilling wells. 2,357,565; Sept. 5.
Vieweg, Hermann F., Fort Sill, Okla., A. B. Cummins, Millington, N. J., and T. C. Pond, Larchmont, assignors to Johns-Manville Corporation, New York, N. Y. Causticizing of waste magnesia products. 2,338,886; Jan. 11.
Vieyra, Genevieve C., Gabbs, Nev. Easy cleaning bathtub. 2,362,950; Nov. 14.
Vigborg, Karl M., assignor to Kooperativa Förbundet Förening U. P. A., Stockholm, Sweden. Key lock and interlock for cash registers. 2,344,377; Mar. 14.
Vigmostad, Trygve. (See Doty, C. B., and Vigmostad.)
Vigneault, Henry J., Worcester, Mass. Hairpin. 2,361,335; Oct. 24.
Vigneri, Giuseppe, Newark, N. J. Spring motor. 2,345,954; Apr. 4.
Vignos, James C., Canton, Ohio, assignor to Ohio Ferro-Alloys Corporation. Forming briquettes, bricks or solid agglomerates. 2,363,371; Nov. 21.

Vilensky, Michel B., Newark, Ohio, assignor to Owens-Illinois Glass Company. Platinum-nickel alloy. 2,361,578; Oct. 31.
Villani, Antonio, Milford, Mass., assignor to Draper Corporation, Hopedale, Mass. Loom shuttle. 2,351,244; June 13.
Villem, Raymond, Paris, France; vested in the Alien Property Custodian. Microphone phase compensator. 2,344,431; Mar. 14.
Villem, Raymond, Paris, France; vested in the Alien Property Custodian. Marine sound system. 2,347,584; Apr. 25.
Viloco Railway Equipment Co. (See Hauer, E. R., and Cull, assignors.)
Vilter, Ernest F., assignor to The Vilter Manufacturing Company, Milwaukee, Wis. Centrifuge. 2,360,455; Oct. 17.
Vilter Manufacturing Company, The. (See Vilter, Ernest F., assignor.)
Vince, Joseph D., New York, N. Y. Fencing mask. 2,362,597; Nov. 14.
Vincent, Charles H., Avoca, assignor to Packard Motor Car Company, Detroit, Mich. Internal-combustion engine. 2,361,250; Oct. 24.
Vincent "H. R. D." Company Limited. (See Vincent, Philip C., assignor.)
Vincent, Jesse G., Grosse Pointe, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,339,967; Jan. 25.
Vincent, Jesse G., Grosse Pointe, assignor to Packard Motor Car Company, Detroit, Mich. Clutch mechanism. 2,341,747; Feb. 15.
Vincent, John R., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of Schiff's bases. 2,358,893; Sept. 26.
Vincent, Joseph F., assignor to Wingfoot Corporation, Akron, Ohio. Heat seal and equipment therefor, etc. 2,343,117; Feb. 29.
Vincent, Philip C., assignor to Vincent "H. R. D." Company Limited, Stevenage, England. Compressor for internal combustion engines. 2,347,444; Apr. 25.
Vincent, Russell S. (See Peel, F., and Vincent.)
Vincent, Russell S., assignor to Callenders Cable and Construction Company Limited, London, England. Impregnating cables. 2,346,523; Apr. 11.
Vinco Corporation. (See Bennett, Racy D., assignor.)
Vinco Corporation. (See Osplack, Joseph J., assignor.)
Vineberg, Samuel S., Buffalo, N. Y. Razor blade drier and container. 2,356,106; Aug. 15.
Vineburgh, Lawrence H. M., Hartford, Conn. Combined package and dispenser. 2,340,089; Jan. 25.
Vineburgh, Lawrence H. M., Hartford, Conn. Combined package and dispenser. 2,340,090; Jan. 25.
Vining, William H., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of trichlorethylene. 2,361,072; Oct. 24.
Vinson, Loren O., Seattle, Wash. Sheet metal fastener and hole aligner. 2,357,711; Sept. 5.
Vinson, Neal L., Mill Valley, Calif. Air-cooled gun barrel. 2,363,563; Nov. 28.
Vinyard, Roy E. (See Roach, W. W., and Vinyard.)
Viola, Baldassare. (See Perreca, Virginia M., assignor.)
Virden, Lewis E., and K. L. Skidmore, Bakersfield, Calif. Nether garment. 2,355,404; Aug. 8.
Virginia-Carolina Chemical Corporation. (See Cox, Edwin, assignor.)
Virginia Metal Industries, Inc. (See Gardner, Daniel, assignor.)
Visking Corporation, The. (See Pierce, James E., assignor.)
Vitalis, Emil A., East Port Chester, Conn., assignor to American Cyanamid Company, New York, N. Y. Detergent composition. 2,345,307; Mar. 28.
Vitense, Harold R., Chicago, Ill., assignor to American Can Company, New York, N. Y. Container. 2,357,859; Sept. 12.
Vittnum, Paul W. (See Jelley, E. E., and Vittum.)
Vittum, Paul W. (See Porter, H. D., Vittum, and Weissberger.)
Vittum, Paul W. (See Porter, H. D., Weissberger, and Vittum.)
Vittum, Paul W. (See Weissberger, A., and Vittum.)
Vittum, Paul W., assignor to Eastman Kodak Company, Rochester, N. Y. Color photography. 2,362,599; Nov. 14.
Vittum, Paul W., and W. D. Peterson, assignors to Eastman Kodak Company, Rochester, N. Y. Phenolic coupler compound. 2,338,676; Jan. 4.
Vittum, Paul W., W. D. Peterson, and H. D. Porter, assignors to Eastman Kodak Company, Rochester, N. Y. Color-forming compound containing sulphonamide groups. 2,353,205; July 11.
Vittum, Paul W., and L. S. Wilder, assignors to Eastman Kodak Company, Rochester, N. Y. Preventing formation of color fog in emulsions. 2,360,290; Oct. 10.
Vittum, Paul W., W. D. Peterson, and H. D. Porter, assignors to Eastman Kodak Company, Rochester, N. Y. Color forming compounds containing sulphonamide groups. 2,362,598; Nov. 14.
Vittum, Paul W., W. D. Peterson, and H. D. Porter, assignors to Eastman Kodak Company, Rochester, N. Y. Color forming compounds containing sulphonamide groups. 2,364,676; Dec. 12.
Vivian, Robert E. (See Dressler, R. G., Vivian, and Hasselstrom.)
Vlaanderen, Van, Machine Co. (See Lane, George W., assignor.)
Vladu, John, assignor of one-half to L. A. Shaper, Detroit, and one-half to L. Rutley, Highland Park, Mich. Flue control device. 2,340,283; Jan. 25.
Voegeli, Walter, Rio de Janeiro, Brazil. Stepless change speed transmission. 2,349,940; May 16.
Voerge, John N., Westmount, Quebec, Canada. Sandblasting. 2,348,505; May 9.
Vogel, Arthur G., assignor to Rempe Company, Chicago, Ill. Fin mast antennae. 2,351,723; June 20.
Vogel, Edward A., Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Ignition device. 2,346,094; Apr. 4.
Vogel, Edward A., Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Breaker timing. 2,351,848; June 20.
Vogel, Frank, Philadelphia, Pa. Airship propulsion. 2,364,496; Dec. 5.
Vogel, Frank H., assignor to The Columbus Vending Company, Columbus, Ohio. Coin detector. 2,339,823; Jan. 25.
Vogel, Fred J., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical apparatus. 2,341,001; Feb. 8.
Vogel, Fred J., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical apparatus. 2,347,009; Apr. 18.
Vogel, Fred J., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical induction apparatus. 2,359,174; Sept. 26.
Vogel, Kurt M., Trumbull, Conn. Desk calendar. 2,356,107; Aug. 15.
Vogel, Max, assignor to Neva-Clog Products, Inc., Bridgeport, Conn. Stapling machine. 2,340,717; Feb. 1.
Vogel, Max, assignor to Neva-Clog Products, Inc., Bridgeport, Conn. Stapling device. 2,352,997; July 4.
Vogel, Max R., Easton, Pa., and J. W. Snyder, Scotch Plains Township, Union County, N. J., assignors to Binney and Smith Company, New York, N. Y. Preparation of carbon black. 2,350,846; June 6.
Vogel, Max R., Easton, Pa., and J. W. Snyder, Scotch Plains Township, Union County, N. J., assignors to Binney and Smith Company, New York, N. Y. Preparation of carbon black. 2,350,847; June 6.
Vogel, Oliver G., Oak Park, assignor to Edison General Electric Appliance Company, Inc., Chicago, Ill. Heater. 2,357,150; Aug. 29.
Vogel, Sidney A., New York, N. Y. Toothbrush. 2,360,745; Oct. 17.
Vogel, William E. (See West, Merle J., assignor.)
Vogt, Hans, Berlin-Neukolln, Germany, assignor to Ferrocart Corporation of America, Hastings on Hudson, N. Y. Coil arrangement for high frequency purposes. 2,343,101; Feb. 29.
Vogt, Henry, Machine Co. (See Edmonds, Eugene A., assignor.)
Vogt, Henry, Machine Company. (See Zwishenberger, Joseph A., assignor.)
Vogt, John H., Sheerlund, and E. Simmat, Wyomissing Hills, assignors to The Nolde and Horst Company, Reading, Pa. Leg band for holding down body garments. 2,343,823; Mar. 7.
Vogt, William H. (See Tate, K. L., Vogt, and Clarridge.)
Voight, George Q., assignor of one-fourth to R. F. Davis, Washington, D. C., and one-fourth to D. H. Smiley, Falls Church, Va. Photometric apparatus. 2,342,771; Feb. 29.
Voight, Henry G., Hamden, assignor to Sargent & Company, New Haven, Conn. Door closer. 2,347,380; Apr. 25.
Voight, Henry G., Hamden, assignor to Sargent & Company, New Haven, Conn. Removable core lock. 2,347,802; May 2.
Voight, Henry G., and S. Brantingson, Hamden, assignors to Sargent & Company, New Haven, Conn. Door closer. 2,345,368; Mar. 28.
Voigt, Edwin F. (See Roberts, M. E., and Voigt.)
Voigt, Paul A. (See Miles, W. S., and Voigt.)
Voit, William J., Los Angeles, and L. C. Weimer, Southgate, Calif.; said Weimer assignor to said Voit. Reinforced game ball. 2,352,872; July 4.
Voit, Willy, Stuttgart, Germany; vested in the Alien Property Custodian. Liquid fuel injection system for multicylinder internal-combustion engines. 2,356,134; Aug. 22.
Vokes, Cecil G., London, England. Filter. 2,364,573; Dec. 5.
Volckening, Henry G., Brooklyn, N. Y., assignor to Volckening Inc. Bottle cleaning device. 2,339,123; Jan. 11.
Volckening, Inc. (See Volckening, Henry G., assignor.)
Volet, Edouard, Vevey, Switzerland. Accelero-tachometric regulator. 2,358,894; Sept. 26.
Volf, Christian A., New York, N. Y. Parachute. 2,342,384; Feb. 22.
Volf, Christian A., Los Angeles, Calif. Vented parachute with cone. 2,365,230; Dec. 19.
Volin, Bernard. (See Stevenson, T., and Volin.)
Volis, Harry and K., Detroit, Mich. Adjustable plug gauge. 2,358,749; Sept. 19.
Volis, Harry G., Detroit, Mich. Micrometer plug gauge. 2,361,336; Oct. 24.

Volis, Kerr. (See Volis, Harry and K.)
Volk, Peter W. (See Eaton, J. T., and Volk.)
Volkel Bros. Machine Works. (See Volkel, Frank G., assignor.)
Volkel, Frank G., assignor to Volkel Bros. Machine Works, Los Angeles, Calif. Work holder. 2,354,970; Aug. 1.
Volk, Norbert H., assignor to The Kroger Food Foundation, Cincinnati, Ohio. Brain obtention. 2,343,250; Mar. 7.
Volk, Norbert H., assignor to The Kroger Food Foundation, Cincinnati, Ohio. Thrombokinase. 2,349,316; May 23.
Vollmer, Leslie W. (See sur Horst, C. G., Wescott, and Vollmer.)
Vollrath, Andrew J., Sheboygan, Wis., assignor to Polar Ware Company. Apparatus for shaping tubular blanks. 2,341,002; Feb. 8.
Vollrath, Joseph P., Glenside, assignor to The Brown Instrument Company, Philadelphia, Pa. Furnace temperature control. 2,359,885; Oct. 10.
Vollrath, Paul, Cologne-on-the-Rhine, Germany; vested in the Alien Property Custodian. Apparatus for mixing, sifting, and kneading. 2,345,163; Mar. 28.
Volpertas, Zelmanas, New York, N. Y. Dried starch bearing food. 2,352,670; July 4.
Volpin, Alexander S., assignor to Mission Manufacturing Company, Houston, Tex. Line pressure lubricated plug valve. 2,360,599; Oct. 17.
Volz, Anton, Ludwigshafen-on-the-Rhine, Germany; vested in the Alien Property Custodian. Washing bath for textile materials 2,356,550; Aug. 22.
Volz, Arthur H., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Screw driver type tool. 2,339,210; Jan. 11.
Volz, Chris L., Birmingham, Mich. Shaving device. 2,341,833; Feb. 15.
Von Ardenne, Manfred, Berlin-Lichterfelde, Germany; vested in the Alien Property Custodian. Arrangement for producing filters. 2,345,080; Mar. 28.
Von Ardenne, Manfred, Berlin-Lichterfelde, Germany; vested in the Alien Property Custodian. Diaphragm for electron optical apparatus. 2,352,043; June 20.
Von Ardenne, Manfred, Berlin-Lichterfelde, Germany; vested in the Alien Property Custodian. Electronic microscope. 2,356,633; Aug. 22.
Von Ardenne, Manfred, Berlin-Lichterfelde-Ost, Germany; vested in the Alien Property Custodian. Electronic microscope. 2,361,722; Oct. 31.
Von Baeyer, Hans J. R., H. O. Roosenstein, and F. Tischer, Berlin, Germany; vested in the Alien Property Custodian. Transmission line. 2,343,475; Mar. 7.
Von Borries, Bodo, H. O. Müller, and E. Ruska, Berlin-Spandau, Germany; vested in the Alien Property Custodian. Electronic microscope. 2,356,551; Aug. 22.
Von Borries, Bodo, and E. Ruska, Berlin-Spandau, Germany; vested in the Alien Property Custodian. Electrostatic lens for corpuscular ray apparatus. 2,359,290; Oct. 3.
Von Capeller, Rudolf. (See Felix, F., and von Capeller.)
Von den Steinen, Carl, Bergedorf near Hamburg, Germany; vested in the Alien Property Custodian. Stabilizing system for ships. 2,338,147; Jan. 4.
Von den Steinen, Carl, Hamburg, Germany; vested in the Alien Property Custodian. Device for varying the stability of marine craft. 2,352,044; June 20.
Vonder Ahe, Karl L., Long Beach, and H. C. Zweifel, assignors to Richfield Oil Corporation, Los Angeles, Calif. Production of petroleum. 2,338,217; Jan. 4.
Vondrak, Joseph, New York, and E. Weissbard, Brooklyn, N. Y. Adjustable clothes hanger. 2,364,931; Dec. 19.
Von Fuener, Wilhelm. (See Machael, W., Gohre, Free. von Fuener, and Schneider.)
Von Gehr, George H., Chicago, Ill. Electrical outlet. 2,348,665; May 9.
Von Glahn, William H., Loudonville, and B. W. Rottschaefer, Albany, assignors to General Aniline & Film Corporation, New York, N. Y. Diphenyl compounds. 2,363,819; Nov. 28.
Von Haase, Anthony. (See Smith, W. J., and von Haase.)
Von Haase, Victor A., Rocky River, Ohio. Sealed bag and making same. 2,339,304; Jan. 18.
Von Henke, Edmund J., assignor to American Electric Fusion Corporation, Chicago, Ill. Electric switch. 2,352,992; July 4.
Von Hofe, George W., Bound Brook, assignor to New Jersey Machine Corporation, Hoboken, N. J. Art of labeling. 2,338,887; Jan 11.
Von Hofe, George W., Bound Brook, assignor to New Jersey Machine Corporation, Hoboken, N. J. Adhesive applying apparatus. 2,347,445; Apr. 25.
Von Hofe, George W., Bound Brook, assignor to New Jersey Machine Corporation, Hoboken, N. J. Applying circulars and their equivalent to articles. 2,349,063; May 16.
Von Hofe, George W., Bound Brook, assignor to New Jersey Machine Corporation, Hoboken, N. J. Labelling machine. 2,362,328; Nov. 7
Von Hofe, George W., Bound Brook, N. J., assignor to New Jersey Machine Corporation, Hoboken, N. J. Machine for sealing boxes. 2,365,665; Dec. 26.
Von Hofe, George W., Bound Brook, and P. A. Ketchpel, West Englewood, assignors to New Jersey Machine Corporation, Hoboken, N. J. Clutch. 2,360,630; Oct. 17.
Von Hoorn, Fred G., Nichols, Conn., assignor to General Electric Company. Circuit breaker. 2,357,151; Aug. 29.
Vonkennel, Josef, and J. Kimmig, Kiel, Germany, assignors to Schering Corporation, Bloomfield, N. J. Sulphoxides and more particularly sulphoxides of the aromatic or heterocyclic series and making the same. 2,343,162; Feb. 29.
Von Lauer, Heber, Gary, Ind., and G. C. Ponchaud, Joliet, Ill. Production of thiophene-free benzene. 2,346,524; Apr. 11.
Von Manteuffel, Manfred Z., Berlin-Steglitz, Germany; vested in the Alien Property Custodian. Control device for furnaces. 2,356,135; Aug. 22.
Von Opel, Fritz, Miami, Fla.; vested in the Alien Property Custodian. Fastening device. 2,352,045; June 20.
Von Opel, Fritz, New York, N. Y., vested in the Alien Property Custodian. Apparatus for injection molding. 2,356,634; Aug. 22.
Von Pazsiczky, Gedeon, Hamburg-Wandsbek, Germany; vested in the Alien Property Custodian. Method of and apparatus for producing glass fibers. 2,338,473; Jan. 4.
Von Philipp, Hans, Leipzig, Germany; vested in the Alien Property Custodian. Insecticide. 2,350,814; June 6.
Von Reppert, Richard, Rochester, assignor to International Business Machines Corporation, New York, N. Y. Typewriting machine. 2,353,095; July 4.
Von Rohl, Paul, St. Paul, Minn. Map. 2,354,785; Aug. 1.
Von Rotz, Robert, Manhasset, N. Y. Hydraulic power transmission for presses. 2,365,157; Dec. 19.
Vonschott, William, Glendale, Long Island, N. Y. Necktie rack. 2,348,271; May 9.
Von Sydow, Rudolf W. (See Sooy, Walter E., and von Sydow.)
Von Till, Louis A., Freeport, assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y. Making closure caps. 2,362,421; Nov. 7.
Von Trott, Albert T., Philadelphia, Pa. Folded greeting card construction. 2,360,916; Oct. 24.
Von Vidits, Friedrich, Vienna, Germany; vested in the Alien Property Custodian. Producing bakers' ware by means of the fermentation of yeast dough. 2,352,046; June 20.
Von Wangenheim, Adolf, assignor to Detroit Lubricator Company, Detroit, Mich. Valve. 2,356,958; Aug. 29.
Von Zeerleder, Alfred, Neuhausen-on-the-Rheinfall, and W. Syz, Sous-Geronde, Chippis, Valais, assignors to Societe Anonyme pour l'Industrie de l'Aluminum, Chippis, Switzerland. Furnace for the electrothermal production of magnesium. 2,355,343; Aug. 8.
Voorhees, Henry R., Detroit, and H. C. Simons, Ferndale, assignors to Chrysler Corporation, Highland Park, Mich. Motor vehicle lighting. 2,360,530; Oct. 17.
Voorhees, Vanderveer. (See Johnson, E. A., and Voorhees.)
Voorhees, Vanderveer. (See Layng, E. T., and Voorhees.)
Voorhees, Vanderveer, Homewood, assignor to Standard Oil Company, Chicago, Ill. Polymerized resins. Re. 22,446; Feb. 22.
Voorhees, Vanderveer, Homewood, assignor to Standard Oil Company, Chicago, Ill. Transferring subdivided solids. 2,338,606; Jan. 4.
Voorhees, Vanderveer, Homewood, assignor to Standard Oil Company, Chicago, Ill. Catalytic treatment of vapors. 2,349,575; May 23.
Voorhees, Vanderveer, Homewood, assignor to Standard Oil Company, Chicago, Ill. Activation of catalysts. 2,355,831; Aug. 15.
Voorhees, Vanderveer, Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Catalytic conversion process and apparatus. 2,339,894; Jan. 25.
Voorhees, Vanderveer, Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Conversion of hydrocarbon oils with catalysts. 2,351,793; June 20.
Voorheis, Joseph T., Oakland, assignor to Coen Company, San Francisco, Calif. Air register. 2,362,600; Nov. 14.
Voorhies, Alexis, Jr., Baton Rouge, La., assignor to Standard Oil Development Company. Novel isomerization process. 2,356,190; Aug. 22.
Voorhies, Alexis, Jr., Baton Rouge, La., assignor, by mesne assignments, to Standard Catalytic Company. Production of aviation gasoline. 2,361,138; Oct. 24.
Voorhies, Alexis, Jr., Baton Rouge, La., assignor to Standard Catalytic Company. Refining mineral oil. 2,365,029; Dec. 12.
Voorhies, Alexis, Jr., and E. M. Hattox, Baton Rouge, La., assignors to Standard Oil Development Company. Alkylation of isoparaffins. 2,351,464; June 13.
Voorhies, Carl, Birmingham, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Tappet construction. 2,356,900; Aug. 29.
Voorhies, Harry E., Grosse Pointe Woods, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Internal combustion engine. 2,346,525; Apr. 11.
Vordahl, Milton B. (See Tienken, L. C., Jr., and Vordahl.)
Vordahl, Milton B., Southport, assignor to Remington Arms Company, Inc., Bridgeport, Conn. Specimen grip for testing machines. 2,350,577; June 6.
Vore, Herbert G. (See Clark, K., and Vore.)
Vore, Herbert G. (See Goodwin, C. W., Martin, and Vore.)
Vore, Milton P. (See Rushing, F. C., and Vore.)
Vorech, Stephen. (See Casler, R. H., and Vorech.)

Vorech, Stephen, assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Controlling mechanism. 2,351,307; June 13.
Vorech, Stephen, assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Brake valve. 2,355,612; Aug. 15.
Vorech, Stephen, assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Vehicle control mechanism. 2,358,895; Sept. 26.
Vose, Edwin W., Orange, N. J., assignor to Benjamin Foster Company. Spraying device. 2,343,163; Feb. 29.
Vose, Edwin W., Orange, N. J. Vacuum cleaner. 2,346,339; Apr. 11.
Vose, Gardner W., Painesville, Ohio, assignor to Diamond Alkali Company, Pittsburgh, Pa. Purifying aqueous alkali metal hydroxides. 2,364,882; Dec. 12.
Voss, Bernard H., Chicago, Ill. Package. 2,355,250; Aug. 8.
Voss, Edward W. (See Shields, William D., assignor.)
Voss, J. H. H., Co. (See Krueger, Albert, assignor.)
Vosseller, Aurelius B., U. S. Navy. Aircraft engine horsepower computer. 2,342,710; Feb. 29.
Vossen, Edward, assignor to Stop-Motion Devices Corp., Brooklyn, N. Y. Controller for machines. 2,357,713; Sept. 5.
Vossen, Edward, assignor to Stop-Motion Devices Corp., Brooklyn, N. Y. Press-off and lump detector for knitting machines. 2,362,783; Nov. 14.
Vossen, Edward, and N. J. Tellerman, assignors to Stop-Motion Devices Corp., Brooklyn, N. Y. Press-off and hole detector for knitting machines. 2,357,712; Sept. 5.
Vossen, Edward, and N. J. Tellerman, assignors to Stop-Motion Devices Corp., Brooklyn, N. Y. Stop motion head for knitting machines. 2,357,714; Sept. 5.
Votypka, John, assignor to Briggs Manufacturing Company, Detroit, Mich. Vehicle body. 2,338,309; Jan. 4.
Vredenburg, Edric W., Oakland, Calif. Net and gross weigher. 2,346,882; Apr. 18.
Vroman, Erwin C., Watertown, N. Y., assignor to The New York Air Brake Company. Air brake. 2,351,724; June 20.
Vroom, Edward, Ossining, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Time-measuring device. 2,338,218; Jan. 4.
Vroom, Harold B., assignor to Veeder-Root Incorporated, Hartford, Conn. Counter. 2,358,780; Sept. 26.
Vrana, Charles, Garfield, N. J. Internal-combustion engine. 2,360,600; Oct. 17.
Vucassovich, Michel P., Beverly, Mass., assignor, by mesne assignments, to Gloucester Research Corporation, New York, N. Y. Method and apparatus for removing scales from fish. 2,355,405; Aug. 8.
Vuille, Bernard A. (See Coates, Henry, and Vuille.)
Vulcan Copper & Supply Company, The. (See Wentworth, Theodore O., assignor.)
Vulcan Corporation. (See Clausing, George, assignor.)
Vulcan Corporation. (See Clausing, Henry, assignor.)
Vulcan Corporation. (See Clausing, H., and W., assignors.)
Vulcan Manufacturing Co. (See Hanson, Ralph W., assignor.)
Vulcan Manufacturing Co. (See Strom, Ernest, assignor.)
Vulcan Soot Blower Corporation. (See Arey, F. C., and Hibner, assignors.)
Vulcan Soot Blower Corporation. (See Hibner, D. E., and Arey, assignors.)
Vulliet-Durand, Gaston H., Paris, France; vested in the Alien Property Custodian. Manufacturing flexible cellulosic products. 2,348,868; May 16.
Vürba, Václav, Krhova-Hradky, Bohemia-Moravia; vested in the Alien Property Custodian. Making sign panels. 2,338,985; Jan. 11.
Vye, Donald H. (See Kading, E. G. P., and Vye.)
W. & L. E. Gurley. (See Shannon, William W., assignor.)
Wabash Fibre Box Company, The. (See Tichenor, Harold D., assignor.)
Wachowitz, Walter J., Waukesha, Wis. Reamer. 2,343,824; Mar. 7.
Wachowitz, Walter J., Waukesha, Wis. Abrading tool. 2,363,102; Nov. 21.
Wachsman, David, Brooklyn, N. Y. Vise. 2,343,391; Mar. 7.
Wachsman, Jacob, Brooklyn, N. Y. Circuit closer for knitting machines. 2,339,442; Jan. 18.
Wachsmann, Konrad L., and W. Gropius, Lincoln, Mass., assignors to General Panel Corporation. Prefabricated building. 2,355,192; Aug. 8.
Wachter, Aaron. (See Deansley, R. M., and Wachter.)
Wachter, Aaron, assignor to Shell Development Company, San Francisco, Calif. Internal corrosion prevention in ferrous metal containers for light liquid petroleum distillates. 2,351,465; June 13.
Wachter, Aaron, assignor to Shell Development Company, San Francisco, Calif. Corrosion inhibition coating composition. 2,357,275; Aug. 29.
Wachter, Aaron, assignor to Shell Development Company, San Francisco, Calif. Corrosion inhibiting coating composition. 2,357,276; Aug. 29.
Wachter, Herbert E., assignor to K. E. Wachter, Kirkwood, Mass. None. 2,347,856; May 2.
Wachter, Katherine E. (See Wachter, Herbert E., assignor.)
Wachter, Lester W., assignor to Anthony Company, Streator, Ill. Load support. 2,343,597; Mar. 7.
Wachtler, Friedrich M. (See Hofmann, A., and Wachtler.)
Wack, James E., assignor to Teletype Corporation, Chicago, Ill. Apparatus mounting arrangement. 2,351,725; June 20.
Wack, James E., Chicago, and W. J. Zenner, Des Plaines, assignors to Teletype Corporation, Chicago, Ill. Printing telegraph system. 2,357,297; Sept. 5.
Wacker, George W., Cincinnati, Ohio, assignor to The Grotelite Company, Bellevue, Ky. Preparing cartridges. 2,338,607; Jan. 4.
Wacker, George W., assignor to Clearing Machine Corporation, Chicago, Ill. Press for molding plastic material. 2,355,613; Aug. 15.
Wachter, Richard C. (See Pines, H., and Wachter.)
Wackman, Louis B., Richmond Heights, Mo. Constructing bushing fixtures for metallic containers. 2,356,901; Aug. 29.
Wade, Charles E., Sturgis, Mich. Line connector. 2,342,711; Feb. 29.
Wade, Charles E., Sturgis, Mich. Connector. 2,360,917; Oct. 24.
Wade, Kenneth L., New York, N. Y., assignor to Baker & Co. Inc., Newark, N. J. Electrical switch. 2,362,869; Nov. 14.
Wade, Raymond S., Inglewood, and H. J. Jones, West Los Angeles, Calif. Coupling for splicing cables. 2,356,014; Aug. 15.
Wade, Verner, assignor to Fairmont Box Company, Fairmont, W. Va. Wallboard machine and method. 2,360,918; Oct. 24.
Wade, Worth. (See Francis, C. S., Jr., and Wade.)
Waddell, Gasper L., Goose Creek, Tex. Stuffing box seal. 2,349,024; May 16.
Waddell, Graham B., Mount Lebanon, Pa. Curtain rod. 2,355,489; Aug. 8.
Wadell, Carl H., Fairfield, assignor to Bridgeport Brass Company, Bridgeport, Conn. Floating type mandrel for tube drawing. 2,358,838; Sept. 26.
Wadell, Carl H., Fairfield, assignor to Bridgeport Brass Company, Bridgeport, Conn. Floating type mandrel for tube drawing. 2,359,339; Oct. 3.
Wadlington, Harry B., Kansas City, Mo. Trouser liner. 2,354,971; Aug. 1.
Wadsworth Electric Manufacturing Company, The. (See Blank, Joseph N., assignor.)
Wadsworth Electric Manufacturing Company, The. (See Landmeier, Edwin W., assignor.)
Wadsworth, George B., Erlanger, Ky. Splicing device for electrical conductors. 2,348,100; May 2.
Wadsworth, Paul W., Garden City, assignor to Bell Telephone Laboratories, Inc., New York, N. Y. Telephone system. 2,360,291; Oct. 10.
Wadsinski, Stanley F., Gary, Ind. Tong. 2,347,650; May 2.
Waeber, Erwin, assignor to Sulzer Frères, Société Anonyme. Winterthur, Switzerland. Port-controlled opposed-piston internal combustion engine. 2,344,224; Mar. 14.
Waeber, Erwin, assignor to Sulzer Frères, Société Anonyme, Winterthur, Switzerland. Double-shaft opposed-piston engine set. 2,359,065; Sept. 26.
Waechter, Harry J., Mount Healthy, assignor to P. Benninghofen and F. G. Diesbach, Hamilton, Ohio. Manifolding stationery. 2,362,329; Nov. 7.
Waechter, Harry J., Mount Healthy, assignor to P. Benninghofen and F. G. Diesbach, Hamilton, Ohio, trustees. Manifolding stationery. 2,362,330; Nov. 7.
Wagenhorst, Lester D., assignor to The Nolde and Horst Company, Reading, Pa. Welt for hosiery. 2,356,484; Aug. 22.
Wagenknecht, Otto E., assignor to Zenith Radio Corporation, Chicago, Ill. Extensible antenna. 2,343,944; Mar. 14.
Wagensell, William O., New Rochelle, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Selector switch. 2,352,352; June 27.
Wagensell, William O., New Rochelle, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Panel selector switch. 2,361,579; Oct. 31.
Wagner, Anthony N., assignor to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Water heater. 2,338,368; Jan. 4.
Wagner, Carl J., Detroit, Mich. Surge brake trailer coupling. 2,341,965; Feb. 15.
Wagner, Carl J., Detroit, Mich. Corner molding for trailer bodies and the like. 2,346,630; Apr. 11.
Wagner, Carl J., Detroit, Mich. Vehicle landing gear. 2,348,869; May 16.
Wagner, Cary R., Chicago, and C. M. Ridgway, Highland Park, assignors to The Pure Oil Company, Chicago, Ill. Catalytic conversion of hydrocarbons. 2,350,204; May 30.
Wagner, Charley L. (See Abrams, A., Davis, Forcey, Rumberger, and Wagner.)
Wagner, Charley L. (See Abrams, A., Forcey, and Wagner.)
Wagner, Charley L., Menasha, assignor to Marathon Paper Mills Company, Rothschild, Wis. Packaging method. 2,339,305; Jan. 18.
Wagner, Edgar R., assignor, by mesne assignments, to Faximile, Inc., New York, N. Y. Electrolytic recording. 2,358,839; Sept. 26.

Wagner, Edward F., Lakeville, assignor to The Studebaker Corporation, South Bend, Ind. Door operating mechanism. 2,357,044; Aug. 29.

Wagner, Edward F., Lakeville, assignor to The Studebaker Corporation, South Bend, Ind. Door operating mechanism. 2,363,913; Nov. 28.

Wagner Electric Corporation. (See Boeringer, Ralph, assignor.)

Wagner Electric Corporation. (See Boldt, Werner F., assignor.)

Wagner Electric Corporation. (See Dick, Burns, assignor.)

Wagner Electric Corporation. (See Freeman, Walter R., assignor.)

Wagner Electric Corporation. (See Freeman, W. R., and Fites, assignors.)

Wagner Electric Corporation. (See Schnell, Steve, assignor.)

Wagner, Erwin, Berwyn, and G. Auer, assignors to Wagner Sign Service, Incorporated, Chicago, Ill. Display device. 2,341,964; Feb. 15.

Wagner, Frederic W., and R. Wilson, assignors to Zenith Radio Corporation, Chicago, Ill. Automatic record playing and changing apparatus. 2,348,766; May 16.

Wagner, Frederick A., Oakland, Calif. Cylinder liner forcing mandrel. 2,353,774; July 18.

Wagner, Frederick P. A., Atco, N. J., assignor to The Brown Instrument Company, Philadelphia, Pa. Impedance element. 2,357,241; Aug. 29.

Wagner, Harold H., Cincinnati, Ohio, assignor to The Albert Kircher Company, Chicago, Ill. Comminuting method. 2,345,779; Apr. 4.

Wagner, Howard. (See Morris, F. E., and Wagner.)

Wagner, Joseph L., Keiser, H. J. Socoloskie, and W. A. Lustusky, Mount Carmel, Pa. Rail joint. 2,345,691; Apr. 4.

Wagner, Julius A. (See Henning, G. E., Nelson, and Wagner.)

Wagner, Julius A., Cleveland, Ohio, assignor to Western Electric Company Incorporated, New York, N. Y. Assembling apparatus. 2,355,832; Aug. 15.

Wagner, Lacey A., St. Louis County, assignor to Missouri Portland Cement Co., St. Louis, Mo. Feed control device. 2,343,722; Mar. 7.

Wagner, Martin H., Aplington, Iowa. Stock feeder. 2,363,212; Nov. 21.

Wagner, Max, Stuttgart, Germany; vested in the Alien Property Custodian. Chassis, especially for motor vehicles. 2,344,378; Mar. 14.

Wagner, Max, Stuttgart, Germany; vested in the Alien Property Custodian. Wheel suspension for vehicles. 2,350,848; June 6.

Wagner, Paul R., San Diego, Calif. Conflagration retardative curtain. 2,365,127; Dec. 12.

Wagner, Robert, New York, N. Y., assignor to The Dow Chemical Company, Midland, Mich. Sound record and masking. 2,347,623; Apr. 25.

Wagner Sign Service, Incorporated. (See Wagner, E., and Auer, assignors.)

Wagner, Walter C., Ardmore, Pa. Magnetic bearing. 2,340,781; Feb. 1.

Wagner, Walter J., Eglin Field, Fla. Low altitude bomb sight. 2,354,720; Aug. 1.

Wagner, Willys P., Franklin, assignor to Ford Motor Company, Dearborn, Mich. Lamp. 2,343,598; Mar. 7.

Wahl, Albert G., Los Angeles, Calif. Garment hanger. 2,364,883; Dec. 12.

Wahl, Albert G., Hollywood, assignor of one-third to A. Baldina, Los Angeles, Calif. Safety razor blade sharpener. 2,355,763; Aug. 15.

Wahl, Arthur M., Wilkinsburg, and F. B. Johnson, Clairton, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Flexible valve seat construction. 2,352,047; June 20.

Wahl, Ernst-Günther. (See Hagedorn, G., Luxer, and Wahl.)

Wahl, Frank F., Monroe, Mich. Folding bed. 2,357,242; Aug. 29.

Wahl, Fred R., Chicago, Ill. Square hole drill. 2,365,128; Dec. 12.

Wahl, Nicolas, New York, N. Y. Making separable fasteners. 2,343,348; Mar. 7.

Wahl, Nicolas, New York, N. Y. Separable fastener. 2,343,349; Mar. 7.

Wahlbeck, John H. (See Oswald, L. H., Mann, and Wahlbeck.)

Wahlberg, Erle C. (See Doughman, F. C., and Wahlberg.)

Wahlberg, Nils E., Chicago, Ill., assignor to Nash-Kelvinator Corporation, Kenosha, Wis. Automotive running gear. 2,365,609; Dec. 19.

Wahlberg, Nils E., Chicago, Ill., and R. H. Phelps, assignors to Nash-Kelvinator Corporation, Kenosha, Wis. Automotive suspension. 2,339,533; Jan. 18.

Wahlborg, Karl J., Stockholm, Sweden, assignor to Electroilux Corporation, New York, N. Y. Vacuum cleaner. 2,349,215; May 16.

Wahlmark, Gunnar A., Rockford, Ill. Hydraulic transmission. 2,344,335; Mar. 14.

Wahlmark, Gunnar A., Rockford, Ill. Mechanism for actuating machine tool supports. 2,344,432; Mar. 14.

Wahlmark, Gunnar A., Rockford, Ill. Transmission. 2,360,025; Oct. 10.

Wahlstedt, Karl A. R., East Orange, and J. H. Newsome, Rahway, N. J., assignors to Elastic Stop Nut Corporation of America. Loading apparatus. 2,356,108; Aug. 15.

Wahnish, George, and A. F. Cameron, Los Angeles, Calif. Centering device. 2,364,497; Dec. 5.

Wahroonga, William K., et al. (See Spilland, Paul X., assignor.)

Waidelich, James R., Naugatuck, assignor to The Bristol Company, Waterbury, Conn. Controlling instrument. 2,347,344; Apr. 25.

Wailes, Dove-Herrniston Corporation. (See Focha, William F., assignor.)

Wainman, Thomas, Arlington, assignor to Plastic Inlays, Inc., Summit, N. J. Machine for inlaying. 2,347,585; Apr. 25.

Wainer, Eugene. (See Kinsle, C. J., and Wainer.)

Wainer, Eugene, Niagara Falls, assignor to The Titanium Alloy Manufacturing Company, New York, N. Y. Zirconium oxide refractory and making the same. 2,347,225; Apr. 25.

Wainwright, Charles L., San Bernardino, Calif. Ammunition. 2,353,798; July 18.

Wainwright, John E. (See Harley, S. J., and Wainwright.)

Wainwright, John E., Hunningham, assignor to Coventry Gauge & Tool Company Limited, Fletchamstead, Coventry, Warwickshire, England. Gauge for splined parts, gear members, and the like. 2,361,888; Oct. 31.

Wait, William B., New York, N. Y. Method and apparatus for accumulating material in spirals or rolls. 2,344,661; Mar. 21.

Wait, Wiliam B., New York, N. Y. Train control forestalling recorder. 2,346,883; Apr. 18.

Waitkins, George R. (See Shutt, R. S., and Waitkins.)

Waitkus, Joseph, Wellsville, assignor to The Air Preheater Corporation, New York, N. Y. Temperature zoned air preheater. 2,347,857; May 2.

Waitkus, Joseph, Wellsville, assignor to The Air Preheater Corporation, New York, N. Y. Washing apparatus for air preheaters. 2,355,021; Aug. 1.

Wakefield, George P., Vermilion, Ohio. Paper doll set and the like. 2,363,914; Nov. 28.

Wakefield, James M. (See Finch, W. G. H., and Wakefield.)

Wakefield, Richard E. B. (See Hess, F. O., and Wakefield.)

Wakefield, Walter H. (See Jennings, V. H., and Wakefield.)

Wakefield, Walter H., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Filling mixing weft replenishing loom. 2,363,628; Nov. 28.

Wakefield, Walter H., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Repeater mechanism for weft replenishing looms. 2,363,629; Nov. 28.

Wakefield, Walter H., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Thread holder for weft replenishing looms. 2,365,666; Dec. 26.

Wakefield, Walter H., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Thread holder driven from take-up roll. 2,365,667; Dec. 26.

Wakefield, Walter H., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Manually operable positively driven loom thread holder. 2,365,668; Dec. 26.

Walach, Bruno. (See Scheuing, G., and Walach.)

Walbridge, Alvin E., assignor to The Magic Duplex Sign Company, Easton, Md. Animated exhibitor. 2,356,288; Aug. 22.

Waldby, William C. (See Hayes, Samuel T., assignor.)

Waldes Koh-I-Noor, Inc. (See Schaaff, Louis W., assignor.)

Waldheim, John, Elizabeth, N. J. Shortening the effective length of lines or cords. 2,338,747; Jan. 11.

Waldheim, John, Elizabeth, N. J. Pulley clothesline and holder therefor. 2,363,564; Nov. 28.

Waldie, George A. (See Tucker, W. R., and Waldie.)

Waldie, George A., Dayton, Ohio, assignor to The Hydraulic Development Corporation, Inc., Wilmington, Del. Charging device for casting machines. 2,363,759; Nov. 28.

Waldie, George A., Edison, Ohio, assignor to The Hydraulic Development Corp., Inc., Wilmington, Del. Control system. 2,363,760; Nov. 28.

Waldie, William A. (See Drummond, F. E., and Waldie.)

Waldie, William A., assignor to New Wrinkle, Inc., Dayton, Ohio. Wrinkling enamel and making. 2,344,189; Mar. 14.

Waldie, William A., assignor, by mesne assignments, to Chemical Developments Corporation, Dayton, Ohio. Crystallizing coating composition. 2,344,191; Mar. 14.

Waldie, William A., Oakwood, assignor to New Wrinkle, Inc., Dayton, Ohio. Preparing wrinkle compositions. 2,347,303; Apr. 25.

Waldie, William A., Oakwood, assignor to New Wrinkle, Inc., Dayton, Ohio. Preparing wrinkle compositions. 2,347,304; Apr. 25.

Waldie, William A., and J. E. Bersuder, assignors, by mesne assignments, to Chemical Developments Corporation, Dayton, Ohio. Preparation of dextran acetate. 2,344,190; Mar. 14.

Waldmann, Carl A., U. S. Army, Rock Island Arsenal, Ill. Sectional target. 2,362,513; Nov. 14.

Waldo, Pharez G., Wenonah, and P. M. Goodloe, and H. G. Berger, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Separation of sulphonic acids. 2,365,663; Dec. 19.

Waldo, Russell W., and L. J. Ratte, St. Paul, Minn. Turret attachment for lathes. 2,364,329; Dec. 5.

Waldorf Knitting Company. (See Gluck, Fred S., assignor.)

Waldorf Paper Products Company. (See Guyer, Reynolds, assignor.)

Waldron, Frederic B., Eccleston Park, England. Manufacture of solid-drawn iron and steel tubes. 2,359,453; Oct. 3.

Waldron, Frederic B., Prescot, assignor to Pilkington Brothers Limited, Liverpool, England. Apparatus for producing a ground or ground and polished continuous strip of glass. 2,348,581; May 9.

Waldron, John, Corporation. (See Case, Lynn B., assignor.)

Waldron, John, Corporation. (See Dickhaut, Charles A., assignor.)

Waldron, John W. (See Cole, P. J., Clark, and Waldron.)

Waldron, Louis, assignor of one-third to J. J. Cronin, and one-third to E. J. Hoerdt, Albany, N. Y. Ball stud retainer. 2,364,176; Dec. 5.

Waldron, Thomas A., Birmingham, England, assignor to Spicer Manufacturing Corporation, Toledo, Ohio. Constant-velocity joint. 2,346,058; Apr. 4.

Waldrop, Jesse A., Atlanta, Ga. High water indicator. 2,340,239; Jan. 25.

Waldrup, Rodney S., Houston, Tex. Plate clamp. 2,360,601; Oct. 17.

Waldrup, Rodney S., Houston, Tex. Plate clamp. 2,360,602; Oct. 17.

Waldschmidt, Ernst, and A. Bayer, Prague, Moravia and Bohemia; vested in the Alien Property Custodian. Improving the baking quality of flour. 2,356,635; Aug. 22.

Waldstein, Jerome, Brooklyn, N. Y. Continuous flatwork laundering machine. 2,366,136; Dec. 26.

Wales, George F., Buffalo, N. Y. Perforating apparatus. 2,341,131; Feb. 8.

Wales, George F., Kenmore, N. Y. Bolt. 2,352,297; June 27.

Wales, George F., Kenmore, N. Y. Sheet material punching apparatus. 2,355,344; Aug. 8.

Wales, George F., Kenmore, N. Y. Punching apparatus and method. 2,355,765; Aug. 15.

Wales, George F., Kenmore, N. Y. Connecting elements of punching units. 2,361,668; Oct. 31.

Wales, George F., Kenmore, N. Y. Notching apparatus. 2,363,630; Nov. 28.

Wales, George F., Kenmore, N. Y. Punching machine. 2,364,011; Nov. 28.

Wales, George F., Kenmore, N. Y. Blanking and punching apparatus. 2,364,574; Dec. 5.

Wales, Nathaniel B., Southampton, Long Island, N. Y. Track for track-laying vehicles. 2,351,647; June 20.

Wales, Nathaniel B., Detroit, Mich. Magnetic transmission. 2,352,238; June 27.

Walk, Udell C., Palo Alto, Calif. Inflating device. 2,349,480; May 23.

Walker, Alec H. B., King's Cross, London, England, assignor, by mesne assignments, to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for the conversion or inversion of direct electric current to alternating current. 2,352,299; June 27.

Walker, Alec H. B. (See Stevens, S. A., and Walker.)

Walker, Arnold V., Pascagoula, Miss. Hand and power steering mechanism. 2,362,178; Nov. 7.

Walker, Arthur, Oldham, England. Drawing apparatus for textile spinning and like textile frames. 2,357,243; Aug. 29.

Walker, Brooks, Piedmont, Calif. Caltrop. 2,346,713; Apr. 18.

Walker, Brooks, Piedmont, Calif. Vehicle fuel tank breather system. 2,358,840; Sept. 26.

Walker, Brooks, Arlington, Va. Unit log handling equipment. 2,355,931; Aug. 15.

Walker, Chandler, Newton Center, Mass., assignor to The American Steel and Wire Company of New Jersey. Wire drawing die holder assembly. 2,360,746; Oct. 17.

Walker, Charles. (See Avery, H. A., and Walker.)

Walker, Charles, assignor to L. C. Smith & Corona Typewriters, Inc., Syracuse, N. Y. Typewriter machine. 2,353,860; July 18.

Walker, Charles G., Skokie, Ill., and H. Frauenfelder, St. Louis, Mo., assignor to Cast Stone Institute, Washington, D. C. Cover for manholes or the like. 2,358,750; Sept. 19.

Walker, Charles S., Clearwater, assignor to Bronson C. Skinner, Dunedin, Fla. Feeding apparatus. 2,338,148; Jan. 4.

Walker, Charles S., Clearwater, B. C. Skinner, Dunedin, and J. J. R. Bristow, Safety Harbor, Fla.; said Walker and said Bristow, assignors to said Skinner. Extracting fruit juice. 2,354,721; Aug. 1.

Walker, Clinton L., Piedmont, Calif. Whipstock. 2,338,788; Jan. 11.

Walker, Clinton L., Piedmont, Calif. Gripping and releasing device. 2,344,067; Mar. 14.

Walker, Clinton L., Piedmont, Calif. Drilling tool. 2,360,088; Oct. 10.

Walker, Crosweller & Company Limited. (See Walker, Richard F., assignor.)

Walker, Curtis. (See Turchan, M., and Walker.)

Walker, David. (See Tandler, W. S., Walker, and Teller.)

Walker, David S. (See Tandler, W. S., and Walker.)

Walker, Earl C., Altadena, Calif., and F. Buck, Lisle, Ill., assignors to International Harvester Company. Filter element. 2,352,300; June 27.

Walker, Forrest A., Wheaton, assignor to Edison General Electric Appliance Company, Inc., Chicago, Ill. Valve construction. 2,339,306; Jan. 18.

Walker, George K. (See Trimbey, E. J., and Walker.)

Walker, Hiram. (See Gerstung, G. W., and Walker.)

Walker, Horace J., Glendale, and R. R. Settlage, assignors to Thos. D. McHale Mfg. Co., Los Angeles, Calif. Strainer. 2,354,412; July 25.

Walker, Isaac F., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Yarn production. 2,364,407; Dec. 5.

Walker, James D., assignor to The American Well Works, Aurora, Ill. Treating sewage and apparatus therefor. 2,342,024; Feb. 15.

Walker, James D., assignor to The American Well Works, Aurora, Ill. Sewage screening system. 2,358,841; Sept. 26.

Walker, James E., Pensacola, Fla. Outdoor or indoor barbecue oven. 2,350,948; June 6.

Walker, James M. (See Walker, John H. and J. M.)

Walker, Jay P., assignor of forty per cent to G. O. Marchant, and six per cent to C. G. Wells, Tulsa, Okla. Joint for the walls of vessels. 2,354,342; July 25.

Walker, Jay P., and C. O. Glasgow, assignors to National Tank Company, Tulsa, Okla. Heating apparatus. 2,354,932; Aug. 1.

Walker, Jewel F., et al. (See Cotton, Loda L., assignor.)

Walker, John H. and J. M., Ste. Genevieve, Mo. Aircraft location instrument. 2,351,563; June 13.

Walker, Joseph, Berwyn, Ill. Recording apparatus. 2,346,802; Apr. 18.

Walker, Joseph B., Los Angeles, Calif. Magnetic recording. 2,350,083; May 30.

Walker, Joseph B., Los Angeles, Calif. Magnetic recording apparatus. 2,360,625; Oct. 17.

Walker, Joseph F., Lewiston, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of reducing agents. 2,347,446; Apr. 25.

Walker, Joseph F., Lewiston, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of trioxane. 2,347,447; Apr. 25.

Walker, Joseph F., Lewiston, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. High molecular weight unsaturated organic acids and preparing them. 2,352,461; June 27.

Walker, Joseph F., Lewiston, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Reaction of formaldehyde with acrylonitrile and product. 2,352,671; July 4.

Walker, Joseph F., Lewiston, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Acid metal treating baths. 2,355,599; Aug. 8.

Walker, Joseph F., Lewiston, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Formaldehyde reaction product and its preparation 2,355,600; Aug. 8.

Walker Manufacturing Company. (See Osteen, Richard T., assignor.)

Walker Manufacturing Company of Wisconsin. (See Powers, Walter H., assignor.)

Walker, Nathan. (See Johanson, S., and Walker.)

Walker, Nevilles E., Portland, Oreg. Weighted glider. 2,364,498; Dec. 5.

Walker, O. S., Co. See Beechlyn, John T., assignor.)

Walker, O. S., Co. Inc. (See Beechlyn, John T., assignor.)

Walker, Ralph E., Silverdale, Wash. Knife. 2,348,429; May 9.

Walker, Ralph T., Nashville, Tenn. Automatic speed regulator. 2,351,245; June 13.

Walker, Raymond, St. Louis, and J. J. Wolfersperger, Webster Groves, Mo. Gas fired apparatus. 2,348,767; May 16.

Walker, Richard F., assignor to Walker, Crosweller & Company Limited, Cheltenham, England. Fluid flow indicator. 2,347,305; Apr. 25.

Walker, Richard F., Cheltenham, assignor to Walker Crosweller & Company Limited, Waldron Works, C. Cresaent, Cheltenham, Gloucestershire, England. Fluid flow indicator. 2,347,306; Apr. 25.

Walker, Robert F., Cleveland, and H. W. Gutschmidt, Jr., and W. A. Shope, Olmsted Falls, assignors to The Glidden Company, Cleveland, Ohio. Combined stain and filler and making. 2,338,149; Jan. 4.

Walker, Robert S., and F. A. Mertz, Allentown, Pa., and R. R. Shafter, Freeport, N. Y., assignors to Traylor Engineering and Manufacturing Company, Allentown, Pa. Water-cooled tube cooler. 2,346,526; Apr. 11.

Walker, Stanley W. (See Katcher, M., and Walker.)

Walker, Ulysses S., Austin, Pa. Overall garment. 2,355,193; Aug. 8.

Walker, Victor. (See Sharpe, A. H., and Walker.)

Walker, Victor, Fort Erie, Ontario, Canada, assignor to AlnCin, Inc. Treatment of glassware. 2,347,011; Apr. 18.

Walker, Victor, Fort Erie, Ontario, Canada, assignor to AirCin, Inc., Buffalo, N. Y. Optical device and making same. 2,355,345; Aug. 8.
Walker, Wesley S., Larchmont, N. Y., and W. J. Jacobson, Plainfield, N. J., assignors to The Linde Air Products Company. Removing metal from metal bodies. 2,347,758; May 2.
Walker, William, London, England, assignor to Celanese Corporation of America. Transparent member. 2,341,673; Feb. 15.
Walker, William E., San Francisco, Calif., assignor to Radio Corporation of America. Tape perforating system. 2,352,925; July 4.
Walker, William E., assignor of one-half to J. B. Rathkley, Freer, Tex. Tank cleaning device. 2,353,530; July 11.
Walker, William L., assignor to Universal Button Fastening and Button Company, Detroit, Mich. Manufacture and attachment of buttons. 2,348,441; May 9.
Wall, Alexander C., Indianapolis, Ind., assignor to General Electric Company. Electric discharge device. 2,351,564; June 13.
Wall, Alexander C., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Spark gap. 2,354,786; Aug. 1.
Wall, Courtney C., assignor to Helen H. Wall, Ozark Beach, Mo., Post binder. 2,348,430; May 9.
Wall, Harry D., Pasadena, Calif. Cooking rack. 2,360,026; Oct. 10.
Wall, Helen H. (See Wall, Courtney C., assignor.)
Wall, James L., assignor of one-third to C. N. Jackson, Washington, Ga. Material impelling fan. 2,362,422; Nov. 7.
Wallace, Charles F., Westfield, assignor to Wallace & Tiernan Products, Inc., Belleville, N. J. Recorder. 2,360,279; Jan. 25.
Wallace, Charles F., Westfield, assignor to Wallace & Tiernan Products, Inc., Belleville, N. J. Barometric telemetering transmitter. 2,340,718; Feb. 1.
Wallace, Charles F., Westfield, assignor to Wallace & Tiernan Products, Inc., Belleville, N. J. Recording galvanometer. 2,341,834; Feb. 15.
Wallace, Charles F., Westfield, assignor to Wallace & Tiernan Products, Inc., Belleville, N. J. Radiometeorograph transmitting apparatus. 2,347,160; Apr. 18.
Wallace, Charles F., Westfield, assignor to Wallace & Tiernan Products, Inc., Belleville, N. J. Radiometeorograph transmitting apparatus. 2,347,345; Apr. 25.
Wallace, Charles F., Westfield, assignor to Wallace & Tiernan Products, Inc., Belleville, N. J. Method and system of apparatus for detecting and controlling changes in composition of liquids. 2,350,378; June 6.
Wallace, Charles F., Westfield, assignor to Wallace & Tiernan Products, Inc., Belleville, N. J. Radiometeorograph transmitter. 2,352,578; June 27.
Wallace, Charles F., Westfield, assignor to Wallace & Tiernan Products, Inc., Belleville, N. J. Temperature-responsive telemetering transmitter. 2,359,812; Oct. 10.
Wallace, Charles F., Westfield, assignor to Wallace & Tiernan Products, Inc., Belleville, N. J. Pressure responsive meter apparatus. 2,361,723; Oct. 31.
Wallace, David A., Detroit, Mich. Apparatus for forming log simulating planks. 2,359,497; Oct. 3.
Wallace, David A., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Lapping apparatus. 2,345,308; Mar. 28.
Wallace, David A., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Gear tooth face finishing apparatus and method. 2,353,861; July 18.
Wallace, Dell A., et al. (See Chandler, Walter R., assignor.)
Wallace, Edward H., Detroit, Mich., assignor to United States Rubber Company, New York, N. Y. Mold. 2,343,213; Nov. 21.
Wallace, Edward H., Detroit, Mich., assignor to United States Rubber Company, New York, N. Y. Making heat exchange tubes. 2,365,670; Dec. 26.
Wallace, Frank C., Los Angeles, assignor, by mesne assignments, to H. H. Helbush, Beverly Hills, Calif. Fastener. 2,363,710; Nov. 28.
Wallace, Frank C., assignor to H. H. Helbush, Los Angeles, Calif. Sheet metal clamp. 2,364,408; Dec. 5.
Wallace, Frank C., Los Angeles, assignor, by mesne assignments, to H. H. Helbush, Beverly Hills, Calif. Clamp. 2,365,787; Dec. 26.
Wallace, Herbert A., Edgewood, assignor to The Union Switch and Signal Company, Swissvale, Pa. Train detecting and reporting apparatus. 2,342,314; Feb. 22.
Wallace, Herbert A., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for transmitting electrical signals. 2,348,666; May 9.
Wallace, Herbert A., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,352,298; June 27.
Wallace, Hugh S., Ingram, Pa. Kit apron. 2,364,258; Dec. 5.
Wallace, James M., North Braddock, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,343,723; Mar. 7.
Wallace, James M., Braddock, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,352,048; June 20.
Wallace, John F., University Heights, assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Shock absorbing strut. 2,357,036; Aug. 29.
Wallace, Joseph, Cedarhurst, N. Y. Fountain pen. 2,356,109; Aug. 15.
Wallace, Percy J. (See Halford, F. B., and Wallace.)
Wallace, Robert C., Wilmington, Calif. Rotary engine. 2,349,481; May 23.
Wallace, Roble. (See Stinnett, George R., assignor.)
Wallace, Roger W. (See Fairbanks, H. N., and Wallace.)
Wallace, Stanley. (See Morgan, F. M., and Wallace.)
Wallace, Stanley, assignor to Sears, Roebuck and Co., Chicago, Ill. Washing machine. 2,338,150; Jan. 4
Wallace & Tiernan Co. Inc. (See Booth, G. M., and Cubberley, assignors.)
Wallace & Tiernan Products, Inc. (See MacKay, John R., assignor.)
Wallace & Tiernan Products, Inc. (See Peet, Gerald D., assignor.)
Wallace & Tiernan Products, Inc. (See Wallace, Charles F., assignor.)
Wallace, Vard B., Monrovia, assignor, by mesne assignments, to Vard, Inc., Pasadena, Calif. Drafting machine. Re. 22,582; Dec. 19.
Wallace, William H., Detroit, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Shot-blasting coil springs. 2,341,674; Feb. 15.
Wallace, William H., Detroit, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Coil spring. 2,351,726; June 20.
Walle, Ludwig S., Lansdowne, Pa., assignor to General Electric Company. Overload protective means. Re. 22,491; June 6.
Walle, Ludwig S., Lansdowne, Pa., assignor to General Electric Company. Circuit breaker. 2,352,984; July 4.
Wallen, Kruger W. (See Taylor, A. L., and Wallen.)
Wallenberg, Ned. (See Christensen, N. V., Sauer, and Wallenberg.)
Wallenta, Frederick G., Stratford, Conn. Fire screen. 2,338,219; Jan. 4.
Waller, Percy H., Chicago, Ill., assignor of one-half to C. C. Kirk. Structural joining of walls for cases, partitions, and the like. 2,363,164; Nov. 21.
Waller, Robert H., Nashville, Tenn. Can opener. 2,339,824; Jan. 25.
Wallerstein, James S. (See Farber, E., Dayton and Wallerstein.)
Wallerstein, Leon, Jr., assignor to Lord Manufacturing Company, Erie, Pa. Resilient mounting. 2,352,591; June 27.
Walley, Omar C. (See Exner, D. W., and Walley.)
Walley, Omar C., Lima, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Generator control means. 2,359,175; Sept. 26.
Wallgren, August G. F., O. F. Holmström, and K. E. Evrell, Eskilstuna, Sweden. Fuel pump for internal combustion motors. 2,350,434; June 6.
Wallgren, August G. F., assignor to Liljeqvist Sågbladsoch Redskapsfabrik, N Y A A. B., Eskilstuna, Sweden. Locking device. 2,354,160; July 18.
Wallick, Charles E., Denver, Colo. Cartridge box filling device. 2,365,158; Dec. 19.
Wallin, Ernst H., Arvika, assignor to Caja-Marie Nygren, Stocksberg, Stocksund, Sweden. Article intended for sport. 2,344,379; Mar. 14.
Walling, Clyde E., Cleveland, Ohio. Universal head for machine tools. 2,351,246; June 13.
Walling, Clyde E., Cleveland, Ohio. Apparatus for dressing wheels of grinding machines. 2,361,724; Oct. 31.
Wallingford, Vernon H., Ferguson, assignor to Mallinckrodt Chemical Works, St. Louis, Mo. Making oxazolidinediones. 2,338,220; Jan. 4.
Wallingford, Vernon H., Ferguson, and A. H. Homeyer, assignors to Mallinckrodt Chemical Works, St. Louis, Mo. Carbalkoxylation of organic compounds. 2,342,385; Feb. 22.
Wallingford, Vernon H., Ferguson, and A. H. Homeyer, assignors to Mallinckrodt Chemical Works, St. Louis, Mo. Carbalkoxylation of organic compounds. 2,346,059; Apr. 4.
Wallingford, Vernon H., Ferguson, and A. H. Homeyer, assignors to Mallinckrodt Chemical Works, St. Louis, Mo. Producing alkali metal phenyl malonic esters. 2,351,085; June 13.
Wallingford, Vernon H., Ferguson, and A. H. Homeyer, assignors to Mallinckrodt Chemical Works, St. Louis, Mo. Alkylation of organic compounds. 2,358,768; Sept. 19.
Wallis, Barnes N., Weybridge, assignor to Vickers-Armstrongs Limited, London, England. Pressure-tight cabin for aircraft. 2,362,951; Nov. 14.
Wallis, Barnes N., Weybridge, assignor to Vickers-Armstrongs Limited, London, England. Aircraft wing and other control surfaces of stressed-skin type. 2,365,609; Dec. 26.
Wallis, Everett S., and P. nath Chakravorty, Princeton, N. J., assignors to Research Corporation, New York, N. Y. Synthesis of corticosterone. 2,341,250; Feb. 8.
Wallis, Everett S., Princeton, and Seymour Bernstein, Newark, N. J., assignors to Research Corporation, New York, N. Y. Synthesis of hexoestrol. 2,357,985; Sept. 12.
Wallis, John S. (See Throckmorton, J. W., and Wallis.)

Wallis, John S., Darien, and J. W. Throckmorton, Wilton, Conn., assignor to Petro-Chem Development Company, New York, N. Y. Furnace construction. 2,340,289; Feb. 1.
Wallis, John S., Darien, and J. W. Throckmorton, Wilton, Conn., assignors to Petro-Chem Process Company Incorporated. Apparatus for heating fluids. 2,362,107; Nov. 7.
Wallis, John S., Darien, and J. W. Throckmorton, Wilton, Conn., assignors to Petro-Chem Process Company Incorporated. Steam generating system. 2,362,108; Nov. 7.
Walper, Curry O., Kitchener, Ontario, Canada. Footwear. 2,349,216; May 16.
Walpro Products Corporation, The. (See Proudman, C. F., and Walters, assignors.)
Walraven, George M. (See Larson, K. R., and Walraven.)
Walsh, Basil J. (See Hannay, W. H., and Walsh.)
Walsh, Carroll H., Pine Bluff, Ark. Tank-wall temperature indicator. 2,362,423; Nov. 7.
Walsh, Carroll H., Pine Bluff, Ark. Tank-wall temperature indicating device. 2,362,424; Nov. 7.
Walsh, Carroll H., Pine Bluff, Ark. Tank-wall temperature indicator. 2,363,711; Nov. 28.
Walsh, Charles L., L. Isaacs, and A. M. Mercur, assignors to Photographic Equipment, Inc., Pittsburgh, Pa. Photographic apparatus. 2,345,225; Mar. 28.
Walsh, Edgar M., Grosse Pointe Farms, Mich. Building construction. 2,357,367; Sept. 5.
Walsh, Edward C., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Stoker timer. 2,359,596; Oct. 3.
Walsh, Hennrietta Bros., Minneapolis, Minn. Combination beach robe, towel, and receptacle. 2,344,010; Mar. 14.
Walsh, James F., Yonkers, and F. C. Miller, Brooklyn, N. Y., assignors to American Maize-Products Company. Starch composition. 2,350,653; June 6.
Walsh, James F., Yonkers, N. Y., S. M. Kinzinger, Hammond, Ind., and W. L. Morgan, Edgewood, R. I., assignors, by mesne assignments, to Prolamine Products Incorporated, Dover, Del. Production and treatment of zein. 2,360,381; Oct. 17.
Walsh, John G., Newark, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,355,251; Aug. 8.
Walsh, John J., Affton, assignor to Hamilton, Scheu & Walsh Shoe Co., St. Louis, Mo. Outer sole for shoes. 2,340,828; Feb. 1.
Walsh, John J., Affton, assignor to Penaljo, Inc., St. Louis, Mo. Shoe and making the same. 2,341,675; Feb. 15.
Walsh, John J., Affton, assignor to Penaljo, Inc., St. Louis, Mo. Shoe and making the same. 2,341,676; Feb. 15.
Walsh, Lincoln, Elizabeth, N. J. Automatic bias control. 2,361,899; Oct. 31.
Walsh, Raymond. (See Fairley, F., and Walsh.)
Walstrom, Axel M. (See Staude, E. G., and Walstrom.)
Walstrom, Emil A., assignor to Builders Safety Products, Inc., St. Louis Park, Minn. Builder's safety plate bracket unit. 2,365,501; Dec. 19.
Walt Disney Productions. (See Ball, Joseph A., assignor.)
Walter, Albert F. (See McMurry, Paul E., assignor.)
Walter, Albert U. (See Peterson, W. F., and Walter.)
Walter, Carl W., Newton, Mass. Combined tag and sample holder. 2,340,719; Feb. 1.
Walter, Charles T., assignor to Industrial Patents Corporation, Chicago, Ill. Automatic tamale forming and wrapping machine. 2,343,599; Mar. 7.
Walter, Charles T., assignor to Industrial Patents Corporation, Chicago, Ill. Ham pumping. 2,346,953; Apr. 18.
Walter, Charles T., assignor to Industrial Patents Corporation, Chicago, Ill. Treatment of animal tissue. 2,352,154; June 20.
Walter, Charles T., assignor to Industrial Patents Corporation, Chicago, Ill. Material handling mechanism and method. 2,358,283; Sept. 12.
Walter, Charles T., and L. R. Newton, assignors to Industrial Patents Corporation, Chicago, Ill. Treatment of animal tissue. 2,357,566; Sept. 5.
Walter, Clarence D., Milton, Oreg. Bicycle propulsion mechanism. 2,352,672; July 4.
Walter, Ernest. (See Cueni, C. P., and Walter.)
Walter, Frederick R., administrator. (See Conradson, Conrad M.)
Walter, John M., assignor to The G. A. Gray Company, Cincinnati, Ohio. Microfeed for heavy machine tools. 2,354,413; July 25.
Walter, John M., assignor to The G. A. Gray Company, Cincinnati, Ohio. Horizontal milling, drilling, and boring machine of the floor type. 2,354,414; July 25.
Walter, John M., assignor to The G. A. Gray Company, Cincinnati, Ohio. Horizontal type boring, drilling, and milling machine. 2,358,896; Sept. 26.
Walter, John M., assignor to The G. A. Gray Company, Cincinnati, Ohio. Planing tool. 2,358,897; Sept. 26.
Walter, Jules G. (See Cohn, S. and J., and Walter.)
Walter, Lewis A., East Orange, assignor to The Maltbie Chemical Company, Newark, N. J. Allylchloromethyl sulphide. 2,354,229; July 25.
Walter, Lewis A., East Orange, assignor to The Maltbie Chemical Company, Newark, N. J. Chloromethyl sulphides. 2,354,230; July 25.
Walter, Lewis A., East Orange, assignor to The Maltbie Chemical Company, Newark, N. J. Disubstituted malonic ester. 2,354,231; July 25.
Walter, Lewis A., East Orange, assignor to The Maltbie Chemical Company, Newark, N. J. Barbituric acid derivatives and its salts. 2,354,232; July 25.
Walter, Lewis A., East Orange, assignor to The Maltbie Chemical Company, Newark, N. J. 1-methylbarbituric acid derivative and its salts. 2,354,233; July 25.
Walter, Lewis A., and L. H. Goodson, East Orange, assignors to The Maltbie Chemical Company, Newark, N. J. Disubstituted malonic ester and preparing the same. 2,354,234; July 25.
Walter, Orville L. (See Goff, H. W., Moore, and Walter.)
Walter, Zachary T., Los Angeles, Calif. Molding plastic articles. 2,356,902; Aug. 29.
Walters, Emmett L., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Supporting bed for glass sheets. 2,363,631; Nov. 28.
Walters, Ernest L. (See White, E. R., and Walters.)
Walters, Ernest L., assignor to Shell Development Company, San Francisco, Calif. Stabilized lead alkyl and aviation gasoline containing it. 2,361,337; Oct. 24.
Walters, Ernest L., assignor to Shell Development Company, San Francisco, Calif. Stabilized aviation gasoline containing lead alkyl. 2,361,338; Oct. 24.
Walters, Franklyn C. (See Proudman, C. F., and Walters.)
Walters, Henry W., Jacksonville, Fla. Buoyant device. 2,350,654; June 6.
Walthall, John H., near Sheffield, Ala., assignor to Tennessee Valley Authority. Purifying aluminum sulphate solution. 2,359,340; Oct. 3.
Waltham Watch Company. (See Nazar, Nicholas, assignor.)
Walther, George W., assignor to Toledo Scale Company, Toledo, Ohio. Control device. 2,341,251; Feb. 8.
Walther, George, and E. L. Miller, assignors to The Dayton Steel Foundry Company, Dayton, Ohio. Tractor-trailer coupling means. 2,359,498; Oct. 3.
Walther, George, and E. L. Miller, assignors to The Dayton Steel Foundry Company, Dayton, Ohio. Tractor-trailer coupling means. 2,359,499; Oct. 3.
Walther, Heinrich, Sr., Frankfort-on-the-Main-Oberrad, Germany; vested in the Alien Property Custodian. Shoe forming and toe lasting machine. 2,350,849; June 6.
Waltmann, Ernst. (See Kaase, W., and Waltmann.)
Waltmann, Ernst, and E. Wolf, Krefeld, Germany, assignors to Heberlein Patent Corporation, New York, N. Y. Production of isocyanic acid esters. 2,346,202; Apr. 11.
Walton, George W., Beverly Hills, assignor to Emsco Derrick & Equipment Company, Los Angeles, Calif. Drawworks with composite drive. 2,354,235; July 25.
Walton, George M., Shaker Heights, assignor to Air-Maze Corporation, Cleveland, Ohio. Crankcase oil separator. 2,354,722; Aug. 1.
Walton, Jesse S., Westfield, N. J., assignor to Standard Oil Development Company. Treating oils to produce antiknock gasolines or aromatic type liquids. 2,345,718; Apr. 4.
Walton, Richard R., Wellesley, Mass., assignor of one-half to Container Corporation of America, Chicago, Ill., and one-half to Dewey & Almy Chemical Company, Cambridge, Mass. Container. 2,352,503; June 27.
Walton, Richard R., Wellesley, J. J. Austin, Milton, and G. E. Gott, Arlington Heights, assignors of one-half to Container Corporation of America, Chicago, Ill., and one-half to Dewey and Almy Chemical Company, Cambridge, Mass. Container. 2,364,012; Nov. 28.
Walton, Richard R., Wellesley, and D. G. Greenlie, Waltham, Mass., assignors of one-half to Container Corporation of America, Chicago, Ill., and one-half to Dewey & Almy Chemical Company, Cambridge, Mass. Container. 2,365,159; Dec. 19.
Walton, Sydney A., assignor to S. Smith & Sons (Motor Accessories) Limited, Cricklewood, London, England. Vehicle windscreen or window opening and closing mechanism. 2,355,932; Aug. 15.
Waltz, Foster V., Toledo, Ohio. Universal indicator. 2,360,181; Oct. 10.
Waltz, Thomas A. (See Kullman, A., and Waltz.)
Walworth Patents Inc. (See Mattimore, John D., assignor.)
Walworth Patents Inc. (See Morehead, F. H., and Ost, assignors.)
Walworth Patents Inc. (See Trott, Arthur J., assignor.)
Walz, John G., Holyoke, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Splash protector. 2,359,176; Sept. 26.
Walz, Richard F. (See Lemmon, W. S., Doty, Walz, and Holt.)
Wampler, Roy W., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Apparatus for handling mirrors during processing. 2,356,136; Aug. 22.
Wampner, Herbert L., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Nonlivering coating composition. 2,340,280; Jan. 25.

Wampner, Herbert L., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Nongelling bronzing lacquer. 2,345,955; Apr. 4.
Wampner, Herbert L., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Nonlivering coating composition. 2,345,956; Apr. 4.
Wampner, Herbert L., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Stabilization of emulsions. 2,359,066; Sept. 26.
Wander Company. (See Christen, Frits, assignor.)
Wanecek, Anthony E. (See Bagan, John P., assignor.)
Wangerin, Elmer O. (See Schubert, A. E., Wangerin, and Egan.)
Wängsjö, Hans. (See Anderson, B., and Wängsjö.)
Wangness, Nels, Skyberg, Minn. Harrow hitch. 2,359,399; Oct. 3.
Wanta, Clarence, assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Control device. 2,342,316; Feb. 22.
Wanta, Clarence, assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Lead connector. 2,344,192; Mar. 14.
War, and his successors in office, United States Government, as represented by the Secretary of. (See Fernlund, K. H., Hessler, and Hultberg.)
War, and his successors in office, United States Government, as represented by the Secretary of. (See Moinichen, Petter, assignor.)
War, Government of The United States of America, as represented by the Secretary of. (See Hickman, Clarence N., assignor.)
War, Government of The United States of America, as represented by the Secretary of, and his successors in office. (See Schladt, George J., assignor.)
War of the United States of America, and his successors in office, in trust, as represented by Secretary of. (See Sebastian, R. L., and Scruton, assignor.)
War of the United States of America, as trustee, Secretary of. (See Battley, J. F., Burger, and Monro, assignors.)
War of the United States of America, Secretary of. (See Barker, M. E., Young, and Bruce, assignors.)
War, United States of America, represented by the Secretary of. (See Wilson, Charles N., assignor.)
Warburton, Alfred N. (See Kirchmann, Henry, Jr.)
Warburton, Alfred N., Jr., Oakland, assignor of one-half to H. Kirchmann, Jr., San Francisco,, Calif. Evaporator. 2,344,839; Mar. 21.
Warburton, Christopher H., Carlisle, England. Production of syrup from farinaceous materials. 2,365,788; Dec. 26.
Ward, Alfred H. (See Mauger, A. J., and Ward.)
Ward, Alger L., Drexel Hill, Pa., assignor to The United Gas Improvement Company. Purification of dicyclopentadiene. 2,354,895; Aug. 1.
Ward, Anthony F. (See Picard, B., and Ward.)
Ward, Arthur L., San Francisco, Calif. Window sash governor. 2,361,158; Oct. 24.
Ward, Bernard L., and D. G. Weatherup, assignors to The Fellows Gear Shaper Company, Springfield, Vt. Crowning attachment for gear finishing machines. 2,362,785; Nov. 14.
Ward, Charles W., Bradenton, Fla. Electric display system. 2,359,014; Sept. 26.
Ward, Emmett E., Stockton, Calif. Combination binder and clip. 2,363,761; Nov. 28.
Ward, George E., Washington, L. J. Wickerham, O. G. Pettijohn, and L. B. Lockwood, Peoria, Ill., assignors to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Levo-2,3-butylene glycol and producing the same. 2,359,950; Oct. 10.
Ward, George L., Northwood, England, assignor to International Standard Electric Corporation, New York, N. Y. Electric soldering iron. 2,340,829; Feb. 1.
Ward, James N., West New York, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Measuring device. 2,353,799; July 18.
Ward, John W., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,356,019; Aug. 15.
Ward, Lawrence T., Philadelphia, Pa., assignor to Knapp-Monarch Company, St. Louis, Mo. Syphon construction. 2,345,081; Mar. 28.
Ward, Lawrence T., Philadelphia, Pa., assignor to Knapp-Monarch Company, St. Louis, Mo. Life jacket inflator. 2,347,010; Apr. 18.
Ward, Lawrence T., Philadelphia, Pa., assignor to Knapp-Monarch Company, St. Louis, Mo. Spraying device. 2,351,376; June 13.
Ward, Lawrence T., Philadelphia, Pa., assignor to Knapp-Monarch Company, St. Louis, Mo. Aerating bottle or the like. 2,360,603; Oct. 17.
Ward, Lawrence T., Philadelphia, Pa., assignor to Knapp-Monarch Company, St. Louis, Mo. Insecticide spray head valve. 2,362,784; Nov. 14.
Ward Leonard Electric Company. (See Logan, Frank G., assignor.)
Ward Leonard Electric Company. (See Kouyoumjian, Haroutiun K., assignor.)
Ward Leonard Electric Company. (See Stapleton, George M., assignor.)
Ward Leonard Electric Company. (See Wilson, Charles C., assignor.)
Ward, Loyd A., Detroit, assignor to Tomkins-Johnson Company, Jackson, Mich. Riveting machine. 2,341,167; Feb. 8.
Ward, Loyd A., assignor to Tomkins-Johnson Company, Jackson, Mich. Duplex riveting machine. 2,349,529; May 23.
Ward, Loyd A., assignor to Tomkins-Johnson Company, Jackson, Mich. Feed control. 2,362,870; Nov. 14.
Ward, Loyd A., and E. D. Taylor, assignors to Tomkins-Johnson Company, Jackson, Mich. Movable anvil riveting machine. 2,360,991; Oct. 24.
Ward, Robert W., Ridgewood, assignor to National Oil Products Company, Harrison, N. J. Treating fatty materials. 2,362,734; Nov. 14.
Wardan, John, Hartford, Conn. Windshield-visor-clamp combination. 2,363,762; Nov. 28.
Wardwell, George W., Jr., Nichols, Conn., assignor to General Electric Company. Washing machine and method. 2,362,871; Nov. 14.
Ware, Cecil. (See Church, Walter L., assignor.)
Ware, Cecil. (See Sprecher, Wayne.)
Ware, Charles M., Salt Lake City, Utah. Scale. 2,365,735; Dec. 26.
Ware, Marsden, Huntington Woods, assignor to Packard Motor Car Company, Detroit, Mich. Vibration damper. 2,342,989; Feb. 29.
Ware, Marsden, Huntington Woods, assignor to Packard Motor Car Company, Detroit, Mich. Vibration damping device. 2,348,941; May 16.
Ware Shoals Manufacturing Co. (See Hunt, John O., assignor.)
Ware, William H. (See Leitzel, B. H., and Ware.)
Ware, Virgil W., Arden, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Removal of oxygen from normally gaseous olefins. 2,351,167; June 13.
Warfield, Claude E., Minneapolis, assignor to H. L. Millis, Northfield, Minn. Dispensing liquids from cans. 2,350,205; May 30.
Warfield, Frederic P., et al., trustees. (See Kokatnur, V. R., and Van Hook, assignors.)
Waring, Frederic M., Shawnee, Pa., and E. J. Lee, Jr., New Rochelle, N. Y., assignors to M. M. Kistner, Lakeside, Mich. Base unit for steam and electric irons. 2,353,604; July 11.
Waring, Kjell, Forest Hills, Long Island, N. Y., assignor of one-third to O. I. Waring, Flushing, and one-third to P. Rothberg, New York, N. Y. Dispenser. 2,361,580; Oct. 31.
Waring, Olaf I., et al. (See Waring, Kjell, assignor.)
Warman, Nathan W., Los Angeles, Calif. Quick-action vise. 2,359,951; Oct. 10.
Warmey, Bernard A., and W. J. Moreland, Jr., assignor, by mesne assignments, to G. W. Borg Corporation, Chicago, Ill. Scoreboard. 2,348,431; May 9.
Warmisham, Arthur, assignor to Taylor, Taylor & Hobson Limited, Leicester, England. Optical objective. 2,344,756; Mar. 21.
Warmisham, Arthur, assignor to Taylor, Taylor & Hobson Limited, Leicester, England. Optical objective. 2,348,667; May 9.
Warmisham, Arthur, and C. G. Wynne, assignors to Taylor, Taylor & Hobson Limited, Leicester, England. Optical objective. 2,349,893; May 30.
Warmisham, Arthur, and C. G. Wynne, assignors to Taylor, Taylor & Hobson Limited, Leicester, England. Optical objective. 2,363,712; Nov. 28.
Warne, Frederick C., assignor to Farm Tools, Inc., Mansfield, Ohio. Hydraulic control means for tractor-drawn disk harrows. 2,351,168; June 13.
Warneke, Roman C., and W. L. Knaus, Fort Wayne, Ind., assignors to General Electric Company. Reciprocating compressor. 2,343,211; Feb. 29.
Warner Aircraft Corporation, The. (See Majneri, Ludwig A., assignor.)
Warner, Benjamin R., Evanston, Ill., assignor to The Guardite Corporation. Drying cellular organic products. 2,339,825; Jan. 25.
Warner Brothers Company, The. (See Phillips, Stanley H., assignor.)
Warner Bros. Pictures, Inc. (See Tondreau, Albert W., assignor.)
Warner Bros. Pictures, Inc. (See Tondreau, A. W., and Gage, assignors.)
Warner Company. (See Warner, Irving, assignor.)
Warner, Daniel S., Buffalo, N. Y. Handkerchief packet. 2,348,041; May 2.
Warner, Donald F., Swampscott, Mass., assignor to General Electric Company. Control mechanism. 2,348,768; May 16.
Warner, Donald F., Swampscott, Mass., assignor to General Electric Company. Centrifugal compressor. 2,362,514; Nov. 14.
Warner, Douglas K., Sarasota, Fla. Skimming and flying vehicle. 2,364,676; Dec. 12.
Warner, Douglas K., Sarasota, Fla. Compression airplane. 2,364,677; Dec. 12.
Warner, Edgar, Middletown, assignor to The Champion Paper and Fibre Company, Hamilton, Ohio. Web spreader. 2,348,162; May 2.
Warner, Edgar, Dayton, assignor to The Champion Paper and Fibre Company, Hamilton, Ohio. Coating paper. 2,360,919; Oct. 24.

Warner Electric Brake Manufacturing Company. (See Cadman, Addi B., assignor.)
Warner Electric Brake Manufacturing Company. (See Oetzel, John G., assignor.)
Warner Electric Brake Manufacturing Company. (See Yost, Karl M., assignor.)
Warner, Homer C., and C. H. Schurr, assignors to The Lees-Bradner Company, Cleveland, Ohio. Machine tool. 2,364,932; Dec. 12.
Warner, Irving, Wilmington, Del., assignor to Warner Company, Philadelphia, Pa. Hydrating dolomitic or other relatively slow-slaking limes. 2,365,736; Dec. 26.
Warner, James D., Ely, Minn., assignor to Oliver Iron Mining Company. Rotating jig. 2,359,177; Sept. 26.
Warner, Louis A., Baltimore, Md. Navigational instrument. 2,345,020; Mar. 28.
Warner, Matthew P., and S. S. Liese, Freeport, N. Y. Selective automatic apparatus for reproducing images from records thereof. 2,344,662; Mar. 21.
Warner & Swasey Company, The. (See Allen, Joseph F., assignor.)
Warner & Swasey Company, The. (See Bogart, Fred H., assignor.)
Warner & Swasey Company, The. (See Lange, Max E., assignor.)
Warner & Swasey Company, The. (See Lange, M. E., and Goetze, assignors.)
Warner & Swasey Company, The. (See Van Hamersveld, John J. N., assignor.)
Warner, William R., & Company. (See Martin, G. J., and Thompson, assignors.)
Warner, William R., & Co. Inc. (See Robinson, Joseph, assignor.)
Warnke, Carl J., Chicago, Ill. Cathode filament. 2,363,028; Nov. 21.
Warp, Harold. (See Johnson, William, assignor.)
Warp, Harold, Chicago, Ill. Match strip cigarette package wrapper. 2,349,217; May 16.
Warr, Harold G. (See Rodman, T. E., and Warr.)
Warr, Harold G., Park Ridge, assignor to Poor & Company, Chicago, Ill. Rail anchor shipping bundle. 2,356,552; Aug. 22.
Warren, Carl, Russellville, Ky. Distributing coarse aggregates. 2,347,624; Apr. 25.
Warren Featherbone Co., The. (See Johnston, James G., assignor.)
Warren, Frank, Condon, Oreg. Hay loader. 2,353,949; July 18.
Warren, Frederick J., Newton, assignor to The Warren Soap Manufacturing Company, Inc., Cambridge, Mass. Soap package and making the same. 2,364,575; Dec. 5.
Warren, Glenn B., Niskayuna, N. Y., assignor to General Electric Company. Elastic fluid turbine arrangement. 2,348,042; May 2.
Warren, Harold B., Cincinnati, Ohio. Method of manufacturing molding strips. 2,344,575; Mar. 21.
Warren, Harold B., Cincinnati, Ohio. Molding strip or the like. 2,344,576; Mar. 21.
Warren, James W., Lynbrook, N. Y., assignor to American Machine and Foundry Company. Cigarette machine paster. 2,351,565; June 13.
Warren, James W., Lynbrook, N. Y., assignor to American Machine & Foundry Co. Cigarette rod former. 2,357,785; Sept. 5.
Warren, Jesse E., Mulvane, Kans. Pipe cleaning machine. 2,365,984; Dec. 26.
Warren, Joel. (See Sabin, A. B., and Warren.)
Warren-Knight Company. (See Fatkin, Harry W., assignor.)
Warren, Lee, Burbank, and A. M. Anderson, North Hollywood, assignors to Lockheed Aircraft Corporation, Burbank, Calif. Transparent panel mounting. 2,358,485; Sept. 19.
Warren, Ralph, Houston, Tex., assignor, by mesne assignments, to Houston Oil Field Material Company, Inc. Orienting apparatus for wells. 2,359,067; Sept. 26.
Warren, Richard F., Jr., Stratford, Conn. Flexible composite rope. 2,348,234; May 9.
Warren, S. D., Company. (See Clark, John W., assignor.)
Warren, S. D., Company. (See Wilson, Alfred D., assignor.)
Warren Soap Manufacturing Company, The. (See Warren, Frederick J., assignor.)
Warren, Stafford L. (See Strain, W. H., Plati, and Warren.)
Warren, Walter F., Hermosa Beach, Calif., assignor, by mesne assignments, to Cooper Aircraft Mooring Co. Anchor. 2,343,350; Mar. 7.
Warren, Walter F., Hermosa Beach, Calif., assignor, by mesne assignments, to Cooper Aircraft Mooring Co. Anchor. 2,357,368; Sept. 5.
Warren, Winthrop S., Newtonville, Mass., and W. V. Jacobson, Apponaug, R. I., assignors to Universal Winding Company, Boston, Mass. Bobbin-identifying device for winding machines. 2,350,136; May 30.
Warrick, Halsted R., West Englewood, N. J., assignor to The Texas Company, New York, N. Y. Conversion of hydrocarbons. 2,345,995; Apr. 4.
Warrick, Halsted R., Teaneck, N. J., and C. W. Watson, Tuckahoe, assignors, by mesne assignments, to The Texas Company, New York, N. Y. Isomerization. 2,346,527; Apr. 11.
Warriner, Percy S., Doncaster, England. Apparatus for the automatic projection of photographic transparencies and the like. 2,363,820; Nov. 28.
Warrington, Albert R. Van C., Wallingford, Pa., assignor to General Electric Company. Protective system. 2,345,440; Mar. 28.
Warrington, Albert R. van C., Wallingford, Pa., assignor to General Electric Company. Electroresponsive device. 2,352,985; July 4.
Warrington, Albert R. V., Wallingford, Pa., assignor to General Electric Company. Protective arrangement for alternating current systems. 2,360,182; Oct. 10.
Warrington, Albert R. van C., Wallingford, Pa., assignor to General Electric Company. Protective system. 2,363,915; Nov. 28.
Warsher, Adolph, Maywood, assignor, by mesne assignments, to M. M. Bilofsky, Newark, N. J. Electromagnet structure. 2,351,377; June 13.
Warsher, Adolph, Maywood, and M. A. Babb, Tenafly, assignors, by mesne assignments, to M. M. Bilofsky, Newark, N. J. Starting and operating circuit for gaseous electric discharge devices. 2,339,307; Jan. 18.
Warten, Henry, et al. (See Hebbard, Charles B., assignor.)
Warwick Chemical Corp. (See Neuberg, Carl A., assignor.)
Warwick, Edwin M. (See MacDonald, Raymond E., assignor.)
Warwick, James C., Beechhurst, N. Y., assignor to Radio Corporation of America. Error indicator for start-ston printers. 2,353,327; July 11.
Waseige, Charles R., Ruell, France; vested in the Allen Property Custodian. Purifier and oil separating apparatus. 2,344,068; Mar. 14.
Waseige, Charles R., Ruell, France; vested in the Allen Property Custodian. Retractable wheel mounting for aircraft. 2,345,021; Mar. 28.
Waseige, Charles R., Rueil-Malmaison, France; vested in the Allen Property Custodian. Plant for distributing air under pressure and in constituting parts thereof. 2,345,082; Mar. 28.
Waseige, Charles R., Ruell, France; vested in the Allen Property Custodian. Retractable landing gear for aircraft. 2,355,764; Aug. 15.
Waseige, Charles R., Saint-Etienne, Loire, France; vested in the Allen Property Custodian. Engine compressor-generator unit. 2,364,013; Nov. 28.
Washam, Patrick H., Jr., Pittsburgh, Pa. Cooling rolling mill rolls and the like. 2,347,651; May 2.
Washburn, Donald H., assignor to The American Rolling Mill Company, Middletown, Ohio. Strip looping device. 2,344,225; Mar. 14.
Washburn, Selden G., Goodwin, S. Dak. Harvesting machine. 2,345,542; Mar. 28.
Washken, Edward. (See Kleinschmidt, R. V., and Washken.)
Washington Iron Works. (See Carson, William L., assignor.)
Wasiewicz, Nicholas, and S. B. Czarnecki, Chicago, Ill., assignors to American Wood Products. Foldable table leg mounting. 2,338,789; Jan. 11.
Wasiewicz, Nicholas, and S. B. Czarnecki, Chicago, Ill., assignors to American Wood Products. Table leg mounting. 2,338,790; Jan. 11.
Wasmer, Charles L., et al. (See Hogue, Henry J., assignor.)
Wasmer, John C., et al. (See Hogue, Henry J., assignor.)
Wass, John H., Essex, Ontario, Canada. Cylinder sleeve tool. 2,341,677; Feb. 15.
Wasser, Harry N., assignor to Ellwood Safety Appliance Company, Ellwood City, Pa. Foot guard. 2,344,069; Mar. 14.
Wassermann, Rene, New York, N. Y. Protective covering for welding rods. 2,359,813; Oct. 10.
Wasson, Clifford H. (See Neer, H. L., Wasson, and Neer.)
Wasson, Jones I. (See Mikeska, L. A., Zimmer and Wasson.)
Wasson, Jones I. (See Zimmer, John C., and Wasson.)
Wasson, Jones I., Union, N. J., and W. M. Smith, Baton Rouge, La., assignors to Standard Oil Development Company. Antioxidant. 2,362,516; Nov. 14.
Wasson, Jones I., Union, and C. J. Wilson, Westfield, N. J., assignors to Standard Oil Development Company. Corrosion resistant composition. 2,366,074; Dec. 26.
Wasum, Ludwig W., Jenkintown, assignor to Kessler Chemical Co., Inc., Philadelphia, Pa. Insect repellent. 2,352,746; July 4.
Water Reclaimer Corporation. (See Clemens, Edwin S., assignor.)
Waterbury Button Company, The. (See Magnenat, René P., assignor.)
Waterbury Farrell Foundry and Machine Company, The. (See Wilcox, Richard L., assignor.)
Waterfill, Robert W., Montclair, N. J., assignor to Buensod-Stacey, Incorporated. Mechanical refrigerating system. 2,341,132; Feb. 8.
Waterfill, Robert W., Montclair, N. J., assignor to Buensod-Stacey, Incorporated, New York, N. Y. Refrigeration. 2,363,273; Nov. 21.
Waterhouse Company. (See Rourke, Robert U., assignor.)

Waterman, Arthur E., assignor to James Manufacturing Company, Fort Atkinson, Wis. Ventilating system for positive air control in buildings. 2,354,292; July 25.

Waterman, Arthur E., and H. B. Tracy, assignors to James Manufacturing Company, Fort Atkinson, Wis. Knocked down shelter building. 2,363,916; Nov. 28.

Waterman, Arthur E., and H. B. Tracy, assignors to James Manufacturing Company, Fort Atkinson, Wis. Shelter building. 2,363,917; Nov. 28.

Waterman, John. (See Hincke, W. B., and Waterman.)

Waterman, Logan C., Houston, Tex., assignor, by mesne assignments, to Petrolite Corporation, Ltd., Wilmington, Del. Process and apparatus for separating dispersions of oil and water. 2,338,986; Jan. 11.

Waterman, Russell R., Lodi, Calif. Boiler-feed system. 2,355,125; Aug. 8.

Waterman, William, Chicago, Ill. Automatic cutoff device. 2,354,161; July 18.

Waterous Company. (See Boyles, R. R., and Wilhelm, assignors.)

Waterous Limited. (See Carlss, Carington C., assignor.)

Waters, Daniel V., Flemington, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Cutting apparatus. 2,349,686; May 23.

Waters, Harry F., New York, N. Y. Heat sealing machine. 2,339,896; Jan. 25.

Waters, Harry F., New York, N. Y. Carton and blank for forming the same. 2,342,439; Feb. 22.

Waters, Harry F., New York, N. Y. Bag. 2,353,605; July 11.

Waters, Harry F., New York, N. Y. Package and closure therefor. 2,356,110; Aug. 15.

Waters, Harry F., New York, N. Y. Sterile package. 2,358,547; Sept. 19.

Waters, Harry F., New York, N. Y. Siftproof package and side seam therefor. 2,364,576; Dec. 5.

Waters, Harry F., and F. S. Cornell; said Cornell, assignor to said Waters, New York, N. Y. Dispensing device. 2,339,895; Jan. 25.

Waters, James B., Chicago, Ill., assignor to A. Kimball Company, New York, N. Y. Pin ticket. 2,339,719; Jan. 18.

Waters, Joseph J., assignor to Etched Products Corporation, Long Island City, N. Y. Coating film for zinc surfaces and making the same. 2,352,579; June 27.

Waters, Roy B. (See Charlton, W., Harrison, and Waters.)

Watervliet Paper Company. (See Scheid, Louis J., assignor.)

Watford Electric & Manufacturing Company Limited. (See Coates, Henry, and Vuille, assignors.)

Watkins, Franklin M. (See Herlocker, R. D., Kleinholz, and Watkins.)

Watkins, George E. (See Wolters, C. F., and Watkins.)

Watkins, Harold F., Oakland, Calif. Fruit juicing machine. 2,345,843; Apr. 4.

Watkins, Lawrence A., Hamilton, Ontario, Canada, assignor to Ditto, Incorporated, Chicago, Ill. Master sheet blank means. 2,362,952; Nov. 14.

Watkins, Walter T., Jr. (See McNab, John G., and Watkins.)

Watkins, Willard H., Bound Brook, O. W. Clark, Ridgefield, and W. A. Swanson, New Brunswick, N. J., assignors to American Cyanamid Company, New York, N. Y. Package dyeing. 2,343,233; Feb. 29.

Watkiss, Horace, Salt Lake City, Utah. Direction signal. 2,338,748; Jan. 11.

Watrous, Ward W., Jr., Chatham, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrode brace. 2,353,775; July 18.

Watson, Charles W., Washington, England. Machine for moulding bricks. 2,350,298; May 30.

Watson, Claude W. (See Warrick, H. R., and Watson.)

Watson, Cyril D., assignor to Automotive Products Company Limited, Leamington Spa, England. End fitting for flexible hoses. 2,341,003; Feb. 8.

Watson, Edward F., Larchmont, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph recorder control. 2,361,073; Oct. 24.

Watson, Forrest J. (See Larsen, R. G., and Watson.)

Watson, Frank H., Jonesboro, Ark., assignor to Jenkins Bros., Bridgeport, Conn. Valve stem. 2,361,890; Oct. 31.

Watson, Frederick James, Old Windsor, assignor to Self-priming Pump & Engineering Co., Limited, London, England. Apparatus for checking the power generated by small motors. 2,362,682; Nov. 14.

Watson, John E. (See McBride, C. B., and Watson.)

Watson, John W., Wayne, assignor to John Warren Watson Company, Philadelphia, Pa. Leaf spring with friction element. 2,348,942; May 16.

Watson, John Warren, Company. (See Watson, John W., assignor.)

Watson, Kenneth M., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,361,891; Oct. 31.

Watson, Paul D.; Alexandria, Va., assignor to United States of America as represented by Claude R. Wickard, Secretary of Agriculture, and his successors in office. Coating materials and making them. 2,363,103; Nov. 21.

Watson, Ray V. (See Hutchinson, George R., assignor.)

Watson, Sydney C., et al., trustees. (See Watson, Sydney C.)

Watson, Sydney C., Chicago, Ill., assignor to Tor-Vel Associates, S. C. Watson and A. J. Parcelle, trustees. Shaft coupling and system of power transmission. 2,349,642; May 23.

Watson, Thomas G. W., Brookman's Park, assignor to Taylor Stoker Company Limited, London County, England. Reciprocable retort base. 2,357,244; Aug. 29.

Watson, Thomas J., New Canaan, Conn., assignor to International Business Machines Corporation, New York, N. Y. Punching machine. 2,362,037; Nov. 7.

Watson-Williams Manufacturing Company. (See Goff, Harold E., assignor.)

Watt, John S. (See Brown, J. H., and Watt.)

Watt, Lynn A., Webster Groves, assignor to Monsanto Chemical Company, St. Louis, Mo. Protein-containing plastic compositions and producing the same. 2,365,671; Dec. 26.

Watt, Sterling B., and N. W. Adolph, Grafton, Ill., assignors to Illinois Powder Manufacturing Company, St. Louis, Mo. Explosive composition and producing same. 2,344,840; Mar. 21.

Watter, Michael, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Applying metallic skin coverings to airfoils or the like. 2,342,025; Feb. 15.

Watter, Michael, Philadelphia, and P. Biehl, Willow Grove, assignors to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Contouring sheet metal. 2,342,026; Feb. 15.

Watter, Michael, and H. J. Scammell, assignors to Edward G. Budd Manufacturing Co., Philadelphia, Pa. Aircraft wing mounting means. 2,354,236; July 25.

Watts, Albert E., Montreal, Quebec, Canada. Hot-air furnace. 2,353,060; July 11.

Watts, Arthur P., Flint, and K. Schwartzwalder, Holly, assignors to General Motors Corporation, Detroit, Mich. Process and apparatus for firing ceramic ware. 2,360,292; Oct. 10.

Watts, Chester B., Jr., East Orange, N. J., assignor to Federal Telephone and Radio Corporation. Radio circuit. 2,340,352; Feb. 1.

Watts, Donald E., Schenectady, N. Y., assignor to General Electric Company. Anode power supply. 2,350,206; May 30.

Watts, George A. (See Bailey, E. G., Kerr, Fletcher, Watts, and Koolstra.)

Watts, George A. (See Kerr, H. J., Fletcher, Watts, and Koolstra.)

Watts, George W., Indianapolis, Ind. Vegetable strip cutter. 2,346,282; Apr. 11.

Watts, John T. (See Lewis, J. R., Morgan, and Watts.)

Watts, Warren S., Montclair, assignor to Eskimo Pie Corporation, Bloomfield, N. J. Making ice-cream sandwiches. 2,347,162; Apr. 18.

Watts, Warren S., Montclair, and G. J. Losson, Arlington, assignors to Eskimo Pie Corporation, Bloomfield, N. J. Carton for ice-cream cones. 2,347,161; Apr. 18.

Watzel, Rudolf, Mannheim, Germany; vested in the Alien Property Custodian. Preparation of nitrogen-phosphoric acid compounds for water softening. 2,338,987; Jan. 11.

Watzel, Rudolf, Mannheim, Germany; vested in the Alien Property Custodian. Production of nitrogen-phosphoric acid compounds. 2,350,850; June 6.

Waugh, Arthur L., Chicago, Ill. Germicide. 2,347,012; Apr. 18.

Wauda, George E. (See Hoffmaster, B. T., and Wauda.)

Waugaman, Arthur R. (See Dow, G. L., Fon Dersmith, and Waugaman.)

Waugh, Glen L., assignor to Arnold, Schwinn & Co., Chicago, Ill. Bicycle stop-light switch. 2,358,751; Sept. 19.

Waugh, John, et al., executors. (See Lamont, James H.)

Waugh, Paul E., assignor to Tokheim Oil Tank and Pump Company, Fort Wayne, Ind. Liquid dispensing device. 2,339,308; Jan. 18.

Waugh, Paul E., assignor to Tokheim Oil Tank and Pump Company, Fort Wayne, Ind. Liquid dispensing means. 2,348,769; May 16.

Waugh, Paul E., assignor to Tokheim Oil Tank and Pump Company, Fort Wayne, Ind. Liquid dispensing device. 2,353,206; July 11.

Waugh, Stanley P. (See Churchill, L. R., Schott, and Waugh.)

Waugh, Stanley P., Westfield, N. J., assignor to Tide Water Associated Oil Company, New York, N. Y. Inhibited oil. 2,342,027; Feb. 15.

Waugh, Stanley P., Westfield, N. J., assignor to Tide Water Associated Oil Company, Bayonne, N. J. Lubricant containing metal compounds. 2,348,317; May 9.

Waugh, Thomas, West Hartford, assignor, to Hartford-Empire Company, Hartford, Conn. Method of and apparatus for forming hollow glassware. 2,340,782; Feb. 1.

Waukesha Motor Company. (See Fisher, James B., assignor.)

Waukesha Motor Company. (See Melcher, Lee W., assignor.)

Waumsley, Harry. (See Wilkinson, B., Ingram, and Waumsley.)

Wauson, Horace C., and W. E. Bennett, Jr., assignors of three-fourths to Gulf Publishing Company and one-fourth to said Bennett, Jr., Houston, Tex. Duplex rail assembling elevator. 2,346,340; Apr. 11.

Wauson, Horace C., and W. E. Bennett, Jr., assignor of three-fourths to Gulf Publishing Company, Houston, Tex., and one-fourth to said Bennett, Jr. Duplex rail assembly elevator. 2,356,959; Aug. 29.

Wauters, Jean, Brussels, Belgium; vested in the Alien Property Custodian. Illuminating shell. 2,359,814; Oct. 10.

Waxide Paper Company. (See Bender, Robert W., assignor.)

Waxman, Harry L., et al. (See Gripp, Walter W., assignor.)

Way, William, and N. J. McLeod, Boulder City, Nev. Baled hay loading apparatus. 2,362,038; Nov. 7.

Wayer, Henry, assignor to Wayer & Norris, Inc., Columbus, Ohio. Balanced gate valve. 2,341,966; Feb. 15.

Wayer & Norris, Inc. (See Wayer, Henry, assignor.)

Wayman, Albert J., Youngstown, Ohio. Lightning arrester. 2,355,490; Aug. 8.

Wayne Pump Company, The. (See Hinds, Sherwood, assignor.)

Wayne Pump Company, The. (See Jauch, R. J., and Sturm, assignors.)

Weagent, Roy A., Douglaston, N. Y., assignor to Radio Corporation of America. Frequency modulation receiver. 2,361,669; Oct. 31.

Weagle, Lawrence T., Oakmont, Pa., assignor to Radio Corporation of America. Spirit device. 2,362,872; Nov. 14.

Wean Engineering Company, The. (See Keller, John D., assignor.)

Wean Engineering Company, The. (See McArthur, Donald A., assignor.)

Weatherhead Company, The. (See Bashark, Nicholas, assignor.)

Weathers, Leland C., Falls Church, Va., assignor to Vickers Incorporated, Detroit, Mich. Follow-up system. 2,343,945; Mar. 14.

Weatherup, Donald G. (See Ward, Bernard L., and Weatherup.)

Weayer Associates Corporation. (See Burgess, William S., assignor.)

Weaver Associates Corporation. (See Weaver, J. B., and Burgess.)

Weaver, Burr S. (See Edwards, M. A., Garr, and Weaver.)

Weaver, Burr S., Scotia, N. Y., assignor to General Electric Company. Torque measuring device. 2,347,209; Apr. 25.

Weaver, Douglas E., San Leandro, Calif. Threshing machine. 2,363,632; Nov. 28.

Weaver, Edgar R., Dayton, and P. H. Kemmer, Fairfield, Ohio. Loading patch for static tests. 2,358,369; Sept. 19.

Weaver, Elverton W., Cleveland Heights, assignor to Towmotor Co., Cleveland, Ohio. Transmission mechanism. 2,349,064; May 16.

Weaver, Harry F., Evansville, Ind. Water closet construction. 2,359,701; Oct. 3.

Weaver, Ira A., and C. H. Phelps, assignors to Weaver Manufacturing Company, Springfield, Ill. Balancing-machine indicator. 2,349,530; May 23.

Weaver, Jerald D., Fort Wayne, Ind., assignor to Farnsworth Television and Radio Corporation. Automatic record changing apparatus. 2,348,506; May 9.

Weaver, Jerald D., Fort Wayne, Ind., assignor to Farnsworth Television and Radio Corporation. Pickup arm control mechanism. 2,356,137; Aug. 22.

Weaver, Jerald D., Fort Wayne, Ind., assignor to Farnsworth Television and Radio Corporation. Play control mechanism. 2,361,892; Oct. 31.

Weaver, Jerald D., Fort Wayne, Ind., assignor to Farnsworth Television and Radio Corporation. Electrical play control mechanism. 2,361,893; Oct. 31.

Weaver, Jesse E., Carnegie, assignor to Horix Manufacturing Company, Corliss Station, Pittsburgh, Pa. Filling machine for containers. 2,348,582; May 9.

Weaver, Joseph B., and W. S. Burgess, assignors to Weaver Associates Corporation, Washington, D. C. Ship structure. 2,362,226; Nov. 7.

Weaver, Lewis C. (See Sutcliffe, A. G., and Weaver.)

Weaver Manufacturing Company. (See Weaver, I. A., and Phelps, assignors.)

Weaver, Marvin S., Aberdeen, N. C. Bottle. 2,340,353; Feb. 1.

Weaver, Virgil L., Lynnfield, Mass., assignor to General Electric Company. Shock mounted instrument. 2,352,049; June 20.

Webb, Adolphus M. (See Booth, R. B., and Webb.)

Webb, Albert E., Moline, Ill., assignor to American Machine and Metals, Inc., New York, N. Y. Hydraulic testing machine. 2,354,562; July 25.

Webb, Arthur M., Los Angeles, Calif. Extrusion die. 2,341,749; Feb. 15.

Webb, Charles E., New London, Wis., assignor to Edison Wood Products, Incorporated, West Orange, N. J. Crib. 2,361,725; Oct. 31.

Webb, Charles E., New London, Wis., assignor to Edison Wood Products, Incorporated, West Orange, N. J. Crib. 2,364,577; Dec. 5.

Webb, Christopher F., Uxbridge, assignor to Bell Punch Company Limited, London, England. Calculating machine. 2,356,714; Aug. 22.

Webb, Edmond F., Franklin Village, assignor to Chrysler Corporation, Highland Park, Mich. Power transmission. 2,342,712; Feb. 29.

Webb, Edwin W., assignor to Standard Car Truck Company, Chicago, Ill. Car truck. 2,338,988; Jan. 11.

Webb, George, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Rounds counter for automatic firearms. 2,354,079; July 18.

Webb, George, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Automatic firearm breechblock stop. 2,354,080; July 18.

Webb, George, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Barrel support for automatic firearms. 2,357,776; Sept. 5.

Webb, George, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Automatic firearm and combined accessories. 2,359,263; Sept. 26.

Webb, George, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Barrel lock for automatic firearms. 2,360,293; Oct. 10.

Webb, Harold E., Burbank, Calif., assignor to Adel Precision Products Corp. Line supporting clip. 2,338,145; Jan. 4.

Webb, Herbert J. (See Baker, B. P., and Webb.)

Webb, Irving F., Elizabeth, and A. A. Ackerman, Westfield, assignors to The Singer Manufacturing Company, Elizabeth, N. J. Stand for sewing machines. 2,348,043; May 2.

Webb, James T., South Gate, Calif. Battery cable connector. 2,341,748; Feb. 15.

Webb, Richard C. (See George, R. H., and Webb.)

Webb, Samuel, Pittsburgh, Pa., assignor to National Tube Company. Tubular article conveyer. 2,356,485; Aug. 22.

Webb, Walter G., assignor to Evans Products Company, Detroit, Mich. Wood flooring. 2,355,834; Aug. 15.

Webb, Walter H. (See Amer, D. F., and Webb.)

Webber, Arthur B. (See Molden, J. W., and Webber.)

Webber, Ralph C., Whiting, Ind., and L. E. Anderson, assignors to Standard Oil Company, Chicago, Ill. Candle. 2,354,343; July 25.

Weber, Anna, Pittsburgh, Pa. Twin-pails holder. 2,362,331; Nov. 7.

Weber, Charles G., St. Louis, Mo. Concrete form. 2,344,841; Mar. 21.

Weber Dental Manufacturing Company, The. (See Monnot, Edward L., assignor.)

Weber, Edward H., Jr., Toms River, N. J., assignor to American Telephone and Telegraph Company. Telegraph signaling system. 2,358,610; Sept. 19.

Weber, Emil R., Mount Royal, assignor to Jas. H. Matthews & Company, Pittsburgh, Pa. Rotary type holder. 2,358,674; Sept. 19..

Weber Foundations, Inc. (See Weber, Joseph, assignor.)

Weber, Fred A., Gary, Ind. Apparatus for the recovery of by-products of coking ovens. 2,343,034; Feb. 29.

Weber, Fred A., Gary, Ind. Combined branch valve and drain valve. 2,353,862; July 18.

Weber, Gustave L., Medora, Ill. Planter. 2,339,534; Jan. 18.

Weber, Harold C., Milton, Mass. Polishing and fogging inhibiting product. 2,353,978; July 18.

Weber, Harry M., Chicago, Ill., assignor to American Maize-Products Company, New York, N. Y. Corn protein printing ink and ink base. 2,338,151; Jan. 4.

Weber, Harry M., Chicago, Ill., assignor to American Maize-Products Company, New York, N. Y. Preparing prolamine plastic compositions. 2,340,913; Feb. 8.

Weber, Harry M., West Englewood, N. J., assignor, by mesne assignments, to Prolamine Products Incorporated, Dover, Del. Zein-shellac composition and preparing same. 2,360,382; Oct. 17.

Weber, Jacob, Chicago, Ill., assignor to Cast Stone Institute, Washington, D. C. Light reflecting sign or marker. 2,345,644; Apr. 4.

Weber, Joe, Irwin, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,354,162; July 18.

Weber, John A., Detroit, and H. W. Wilkins, Warren, assignors to The Murray Corporation of America, Detroit, Mich. C clip forming machine. 2,341,347; Feb. 8.

Weber, John R., South River, N. J., and L. B. Morris, Washington, D. C., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Photographic reducing composition and process. 2,339,309; Jan. 18.

Weber, John W. (See Bokum, W. F., and Weber.)

Weber, Joseph, New York, N. Y., assignor to Weber Foundations, Inc. Holder. 2,349,392; May 23.

Weber, Joseph A. (See Mollner, E. R., Weber, and Brennan.)

Weber, Karl, and G. Bode, Gersthofen, near Augsburg, Germany; vested in the Alien Property Custodian. Clothes for electrochemical diaphragms and preparing same. 2,342,230; Feb. 22.

Weber, Karl H., Toledo, Ohio. Winding coils. 2,362,179; Nov. 7.

Weber, Louis J. (See Auld, D. W., and Weber.)

Weber, Max, Chicago, Ill. Fan guard. 2,345,516; Mar. 28.

Weber, Nicholas, Teaneck, N. J. Locking device. 2,339,591; Jan. 18.
Weber, Peter H. O., assignor of one-half to G. V. Gorham, Dunlop, Iowa. Stacker operating mechanism for tractors. 2,344,795; Mar. 21.
Weber, Victor, Greensburg, assignor to Robertshaw Thermostat Company, Youngwood, Pa. Electrical ignition system for gaseous fuel burners. Re. 22,554; Oct. 10.
Weber, Victor, Greensburg, assignor to Robertshaw Thermostat Company, Youngwood, Pa. Safety control for gaseous fuel burners. 2,341,967; Feb. 15.
Weber, Victor, Greensburg, assignor to Robertshaw Thermostat Company, Youngwood, Pa. Adjusting oven heat control. 2,350,137; May 30.
Weber, Walter H., assignor to Detroit Lubricator Company, Detroit, Mich. Carburetor accelerating pump. 2,355,348; Aug. 8.
Weber, William C. (See Donner, C. H., and Weber.)
Weber, William C. (See Fischer, A. J., and Weber.)
Weber, William C. (See McHugh, P. M., and Weber.)
Weber, William C. (See Roberts, E. J., Weber, and Fischer.)
Weber, William C., Westport, Conn., assignor to The Derr Company, New York, N. Y. Multitray clarification. 2,343,836; Mar. 7.
Webster-Brinkley Co. (See Sprake, Tyler W., assignor.)
Webster Electric Company. (See Campbell, Richard H., assignor.)
Webster Electric Company. (See Dally, Roy, assignor.)
Webster, Lewis G., and F. J. Rees, Dayton, Ohio. Grommet. 2,355,126; Aug. 8.
Webster Manufacturing, Inc. (See Gemeny, Blaine B., assignor.)
Webster, Osborne B., and N. B. Coley, assignors to General Railway Signal Company, Rochester, N. Y. Block signaling system for railroads. 2,352,986; July 4.
Webster, Richard C., Baltimore, Md., assignor of one-half to W. A. Parth, New Canaan, Conn. Leash harness. 2,356,715; Aug. 22.
Webster Rubber Company. (See Wendel, David.)
Webster, Samuel W., Dallas, Tex., assignor to Emsco Derrick & Equipment Company, Los Angeles, Calif. Hydromatic brake arrangement. 2,339,535; Jan. 18.
Webster, Samuel W., Houston, Tex., assignor to Emsco Derrick & Equipment Company, Los Angeles, Calif. Liquid level control for hydromatic brakes. 2,363,821; Nov. 28.
Weckerly, Mark A., assignor to Toledo Scale Company, Toledo, Ohio. Weighing scale. 2,346,120; Apr. 4.
Weckerly, Mark A., assignor to Toledo Scale Company, Toledo, Ohio. Weighing scale. 2,346,121; Apr. 4.
Weckerly, Mark A., assignor to Toledo Scale Company, Toledo, Ohio. Package checking device. 2,346,122; Apr. 4.
Weckerly, Mark A., assignor to Toledo Scale Company, Toledo, Ohio. Weighing scale. 2,348,372; May 9.
Weckerly, Mark A., assignor to Toledo Scale Company, Toledo, Ohio. Weighing scale. 2,355,347; Aug. 8.
Weckerly, Mark A., assignor to Toledo Scale Company, Toledo, Ohio. Apparatus for measuring fuel consumption. 2,359,720; Oct. 3.
Weckerly, Mark A., assignor to Toledo Scale Company, Toledo, Ohio. Classifying scale. 2,364,832; Dec. 12.
Weco Products Company. (See Després, Lilly D., assignor.)
Wedeberg, Reuben, assignor to Stewart-Warner Corporation, Chicago, Ill. Overhead lubricating supply apparatus. 2,362,953; Nov. 14.
Weber, William J., Philadelphia, Pa., assignor to General Electric Company. Forming contacts. 2,354,081; July 18.
Wedge, Harry F. (See Ainslie, K. O., and Wedge.)
Wedglok Corporation. (See Williamson, Marshall I., assignor.)
Weeber, Frederick C., Media, Pa., assignor to American Viscose Corporation, Wilmington, Del. Method and apparatus for modifying textile fabrics. 2,343,351; Mar. 7.
Weeden, Walter H., Milton, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Receptacle filling machine. 2,347,858; May 2.
Weedon, Frederick R., Yonkers, N. Y. Composition of matter. 2,338,791; Jan. 11.
Weeks, Arnold N., North Scituate, Mass., assignor to Bemis Bro. Bag Company, St. Louis, Mo. Bales. 2,342,565; Feb. 22.
Weeks, Charles M., Washington, D. C. Valve. 2,361,251; Oct. 24.
Weeks, Elmer T., and F. M. McCulley, Scott Bar, Calif. Vehicle wheel brake. 2,356,111; Aug. 15.
Weeks, Henry T. (See Sims, E. M., and Weeks.)
Weeks, Walter E., Baltimore, and F. W. Messler, Taneytown, Md., said Messler assignor to said Weeks. Display package. 2,341,849; Feb. 15.
Weeks, Walter R., Hamden, Conn., assignor to General Electric Company. Toaster. 2,344,842; Mar. 21.
Weems, William R., Decatur, Ga. Erecting device for directional gyroscopes. 2,348,235; May 9.
Weesner, Lehn W., Cincinnati, Ohio. Fishing lure and manufacture. 2,365,502; Dec. 19.
Wegener, Gustav, Berlin, Germany; vested in the Alien Property Custodian. Synchronizing arrangement. 2,352,050; June 20.
Wegman, Evert S., East Longmeadow, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. 2,366,231; Dec. 19.
Wegmann, Adolph J., Flushing, N. Y., assignor to Dri-Steam Products, Inc. Steam delivery and superheater header unit. 2,353,776; July 18.
Wegner, Arnold A., Wauwatosa, assignor to Chain Belt Company, Milwaukee, Wis. Pivoted flight conveyer. 2,340,783; Feb. 1.
Wehner, Alphonse W., et al. (See Seaton, Robert R., assignor.)
Wehr Steel Company. (See Huff, Ernest, assignor.)
Wehr, Wilhelm, Eilenburg, Germany; vested in the Alien Property Custodian. Polyamide articles. 2,350,851; June 6.
Wehr, Wilhelm, Eilenburg, Germany; vested in the Alien Property Custodian. Footwear. 2,350,852; June 6.
Wehr, William G., assignor to The Cleveland Crane & Engineering Company, Wickliffe, Ohio. Carrier for overhead conveyer systems. 2,351,727; June 20.
Wehr, William G., East Cleveland, assignor to The Cleveland Crane & Engineering Company, Wickliffe, Ohio. Electrical distribution system. 2,358,116; Sept. 12.
Wehringer, Herman H., Montclair, N. J., Shortening take-up for cords or the like. 2,351,379; June 13.
Wehringer, Herman H., Montclair, N. J. Cord or cable take-up device. 2,364,262; Dec. 5.
Weickmann, August. (See Hopff, H., Weickmann, and Kern.)
Weida, Millard F., assignor to The Curtalt Company, Canton, Ohio. Dough measuring and lump forming machine. 2,342,093; Feb. 15.
Weida, Millard F., Louisville, Ohio, assignor to American Machine & Foundry Company. Labeling machine and process. 2,349,317; May 23.
Weida, Millard F., assignor to Knapp-Monarch Company, St. Louis, Mo. Heating element support for sandwich toasters. 2,351,466; June 13.
Weidauer, Curtis, Manhasset, assignor to S. Briskman, New York, N. Y. Work holder. 2,353,096; July 4.
Weidmann, George. (See Gets, C. A., and Weidmann.)
Weidlich, William A., East Bound Brook, N. J., assignor to Interchemical Corporation, New York, N. Y. Dull coating compositions. 2,361,515; Oct. 31.
Weierbach, Robin T., assignor to Easton Car & Construction Company, Easton, Pa. Vehicle dump body mounting and dump door actuating mechanism. 2,360,466; Oct. 17.
Weigel, Daniel M., Detroit, Mich. Internal-combustion engine. 2,364,330; Dec. 5.
Weigend, Franz, Berlin-Spandau, Germany; vested in the Alien Property Custodian. Sluicing device for corpuscular ray apparatus. 2,362,515; Nov. 14.
Weightman, William A., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Center sill. 2,339,826; Jan. 25.
Weightman, William A., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Welding gun. 2,341,133; Feb. 8.
Weightman, William A., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Welding apparatus. 2,342,094; Feb. 15.
Weightman, William A., assignor to Edward G. Budd Mfg. Company, Philadelphia, Pa. Machine for bending metal. 2,350,379; June 6.
Weightman, William A., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Trimming and forming machine and the like. 2,352,816; July 4.
Weihs, Theodor G., now by legal change of name Theodore G. White, assignor to American Window Glass Company, Pittsburgh, Pa. Apparatus for scoring cover glass. 2,343,035; Feb. 29.
Weihs, Theodor G., now by judicial change of name to T. G. White, assignor to American Window Glass Company, Pittsburgh, Pa. Method and apparatus for scoring cover glass. 2,365,503; Dec. 19.
Weijlard, John, Westfield, N. J., and A. E. Erickson, Brooklyn, N. Y., assignors to Merck & Co., Inc., Rahway, N. J. N-allylnormorphine and its production. 2,364,833; Dec. 12.
Weikert, Roy J., Covington, Ohio. Hat cover. 2,344,927; Mar. 21.
Weil, Alex, New York, N. Y. Roach run. 2,340,255; Jan. 25.
Weil, Alex, New York, N. Y. Roach run. 2,340,256; Jan. 25.
Weil, Alex, New York, N. Y. Run for vermin and the like. 2,359,341; Oct. 3.
Weil, Herbert, Jr., assignor to Celomat Corp., New York, N. Y. Foldable plastic picture frame. 2,345,719; Apr. 4.
Weil, Joseph N., East Orange, N. J. Spring. 2,365,160; Dec. 19.
Weiler, Edward G., Columbus, Ohio. Coin selector for coin controlled machines. 2,343,352; Mar. 7.
Weiler, Edward G., Columbus, Ohio. Coin controlled vending apparatus. 2,354,896; Aug. 1.
Weimann, Alfred F., Shelton, Conn., assignor to Barber Asphalt Corporation, Barber, N. J. Saturation of fibrous material. 2,343,600; Mar. 7.
Weimann, Alfred F., Shelton, Conn., assignor to Barber Asphalt Corporation, Barber, N. J. Apparatus for saturation of fibrous material. 2,343,601; Mar. 7.

Weimer, Leith C. (See Volt, W. J., and Weimer.)
Weimer, Mabel, administratrix. (See Weimer, Raymond S.)
Weimer, Raymond S., deceased, Morris, Ill.; M. Weimer, administratrix. Predetermining and controlling the clinkering characteristics of coal. 2,347,140; Apr. 18.
Weimer, Wilhelm, Berlin-Siemensstadt, Germany; vested in the Alien Property Custodian. Multistage compressor. 2,361,726; Oct. 31.
Weimer, William H., North Prairie, assignor to Davis & Thompson Company, West Allis, Wis. Work clamping means for machine tools. 2,364,884; Dec. 12.
Weimers, Wilhelm, Berlin-Reinickendorf, Germany; vested in the Alien Property Custodian. Suction brush for vacuum cleaners. 2,350,949; June 6.
Weimont, Joseph, Bogota, N. J., assignor to A. Kimball Company, New York, N. Y. Marking machine. 2,357,277; Aug. 29.
Wein, Joseph, Chicago, Ill. Luggage bag. 2,339,968; Jan. 25.
Weinberg, David, Chicago, Ill. Sorting and assembly system. 2,362,683; Nov. 14.
Weinberg, Maurice J., New York, N. Y. Butter chip maker. 2,364,885; Dec. 12.
Weiner, William, Kew Gardens, N. Y. Pile strip. 2,338,828; Jan. 11.
Weinerth, George S., Reading, Pa. Spark plug. 2,340,091; Jan. 25.
Weinerth, George S., Reading, Pa. Spark plug. 2,353,620; July 11.
Weingart, Richard I. N., Glen Head, N. Y. Movement transmission system for measuring instruments. 2,355,688; Aug. 15.
Weingartner, George A., Fort Thomas, Ky., assignor to The Bradford Machine Tool Company, Cincinnati, Ohio. Quick action tool resetting mechanism. 2,340,029; Jan. 25.
Weinig, Arthur J., Golden, assignor to Potash Company of America, Denver, Colo. Concentration of sylvinite ores. 2,349,393; May 23.
Weinig, Arthur J., Golden, Colo., assignor to Basic Magnesium, Incorporated. Treatment of magnesite ores. 2,363,029; Nov. 21.
Weinig, Arthur J., Golden, Colo., assignor to Basic Magnesium, Incorporated, Las Vegas, Nev. Flotation of magnesite. 2,363,030; Nov. 21.
Weinig, Arthur J., Golden, Colo., assignor to Basic Magnesium, Incorporated, Las Vegas, Nev. Froth flotation treatment of low grade magnesite ore. 2,363,031; Nov. 21.
Weinig, Arthur J., Golden, Colo., assignor to Basic Magnesium, Incorporated, Las Vegas, Nev. Magnesite ore treatment. 2,363,104; Nov. 21.
Weinland, Hermon G., Springfield, Ohio, assignor to Norton company, Worcester, Mass. Abrasive device for cleaning still tubes and the like. 2,351,169; June 13.
Weinland, Hermon G., Springfield, Ohio, assignor to Norton Company, Worcester, Mass. Abrasive device for cleaning still tubes and the like. 2,351,170; June 13.
Weinmann, John L. (See Brandt, H. D., and Weinmann.)
Weinmann, Robert H. (See Martin, W. B., and Weinmann.)
Weinmayr, Viktor, Pitman, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacturing carbasole. 2,351,171; June 13.
Weinmayr Viktor, Pitman, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Amino-substituted compound of the benzene series and making the same. 2,351,247; June 13.
Weinreich, Charles F., Des Plaines, Ill., and A. J. Lippold, Milwaukee, Wis., assignors to Cherry-Burrell Corporation, Wilmington, Del. Automatic bottle filling apparatus. 2,349,780; May 23.
Weinschenk, Goebert, Chicago, Ill. Postal card. 2,365,789; Dec. 26.
Weinstein, Henry K., Pittsburgh, Pa. Excavating tool. 2,344,336; Mar. 14.
Weir, Francis M., and P. M. Dolan, Essex, Conn. Plywood structure. 2,348,703; May 9.
Weir, Robert M., Salem, Oreg. Can lifting and carrying device. 2,349,531; May 23.
Weirick, Burnell E., assignor to Kalamazoo Sled Company, Kalamazoo, Mich. Folding chaise longue. 2,341,168; Feb. 8.
Weis, Henry, Manufacturing Company. (See Baum, A. F., and Anderson, assignors.)
Weisbaum, Jack, Cincinnati, Ohio. Decoy airplane. 2,351,891; June 20.
Weisbecker, Frank G., Glenside, assignor to Hosiery Patents Inc., Lansdale, Pa. Yarn guide means. 2,366,137; Dec. 26.
Weisberg, Mark, Providence, and L. Corman, Cranston, R. I., said Corman assignor to said Weisberg. Beverage preparation. 2,338,608; Jan. 4.
Weisberger, Irving, New York, N. Y. Bicycle. 2,344,757; Mar. 21.
Weisenburg, Andrew, Overbrook Hills, Pa. Spot applying process for caps. 2,342,504; Feb. 22.
Weiser, Earnest F. (See Bellows, G., Jr., and Weiser.)
Weiser, Earnest F., Erie, Pa., assignor to General Electric Company. Switch. 2,347,528; Apr. 25.
Weiser, Norman J., Buffalo, N. Y. Cotter pin connection for nuts and bolts. 2,360,626; Oct. 17.
Weisglass, Louis L., New York, N. Y., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Measuring system. 2,353,979; July 18.
Weisglass, Louis L., New York, N. Y., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Milliampere seconds timer. 2,353,980; July 18.
Weiskopf, Edwin C., New York, N. Y. Automatic immersion apparatus. 2,341,197; Feb. 8.
Weiskopf, Edwin C., New York, N. Y. Automatic immersion apparatus. 2,341,198; Feb. 8.
Weiskopf, Edwin C., New York, N. Y. Cabinet. 2,364,409; Dec. 5.
Weiss, Adolf. (See Callsen, A., and Weiss.)
Weiss, Adolph, Brooklyn, assignor, by mesne assignments, to Champlain Company, Inc., New York, N. Y. Rotary printing press. 2,362,735; Nov. 14.
Weiss, Adolph, Brooklyn, assignor, by mesne assignments, to Champlain Company, Inc., New York, N. Y. Rotary intaglio printing press. 2,362,736; Nov. 14.
Weiss, Ben, Chicago, Ill. Screw anchor. 2,346,283; Apr. 11.
Weiss, Felix, Plainfield, N. J., assignor to Cornell-Dubilier Electric Corporation. Apparatus for making capacitors. 2,352,926; July 4.
Weiss, Frederick T. (See Burnham, H. D., and Weiss.)
Weiss, Frederick T., Normandy, and V. Anastasoff, St. Louis, Mo., assignors to Shell Development Company, San Francisco, Calif. Metal deactivator. 2,352,462; June 27.
Weiss, Gerhart, assignor of one-half to P. Karpfen, New York, N. Y. Ornament with light effects. 2,345,517; Mar. 28.
Weiss, Gerhart, assignor of one-half to P. Karpfen, New York, N. Y. Device for light effects for imitating falling snow and the like. 2,356,191; Aug. 22.
Weiss, Howard F., deceased, by N. E. Weiss, executrix, assignor, by mesne assignments, to Research Products Corporation, Madison, Wis. Resilient mesh material. 2,346,844; Apr. 4.
Weiss, Jacob M., New York, N. Y. Combined casing and nail file. 2,357,919; Sept. 12.
Weiss, Mathew J., Minneapolis, Minn. Flax cleaning machine. 2,345,226; Mar. 28.
Weiss, Max, Brooklyn, assignor to Cohan-Epner Co., Inc., New York, N. Y. Metal plating. 2,355,933; Aug. 15.
Weiss, Nelle E., executrix. (See Weiss, Howard F.)
Weiss, Samuel, assignor to Vaughan Motor Company, Inc., Portland, Oreg. Torque control switch. 2,361,439; Oct. 31.
Weiss, Walter J., Long Beach, Calif., assignor, by mesne assignments, to The Texas Company, New York, N. Y. Oil base drilling fluid. 2,360,992; Oct. 24.
Weissbard, Edward. (See Vondrak, J., and Weissbard.)
Weissberger, Arnold. (See Peterson, W. D., and Weissberger.)
Weissberger, Arnold. (See Porter, H. D., Vittum, and Weissberger.)
Weissberger, Arnold. (See Porter, H. D., and Weissberger.)
Weissberger, Arnold. (See Porter, H. D., Weissberger, and Vittum.)
Weissberger, Arnold. (See Salminen, I. F., and Weissberger.)
Weissberger, Arnold. (See Vanselow, W., Weissberger, and Glass.)
Weissberger, Arnold, assignor to Eastman Kodak Company, Rochester, N. Y. Nondiffusing sulphonamide coupler for color photography. 2,338,677; Jan. 4.
Weissberger, Arnold, assignor to Eastman Kodak Company, Rochester, N. Y. Nondiffusing acylacetyl sulphonamide coupler. 2,350,138; May 30.
Weissberger, Arnold, and B. H. Catroll, assignors to Eastman Kodak Company, Rochester, N. Y. Chemical sensitizing of photographic emulsions. 2,346,095; Apr. 4.
Weissberger, Arnold, and P. W. Vittum, assignors to Eastman Kodak Company, Rochester, N. Y. Stain prevention in color photography. 2,356,486; Aug. 22.
Weisse, Frank W. E., Corpus Christi, Tex., assignor to Badger Meter Mfg. Company, Milwaukee, Wis. Magnetic drive. 2,354,563; July 25.
Weissenberg, Curt H., St. Albans, assignor to Lewis Invisible Stitch Machine Company, New York, N. Y. Combined seaming and trimming machine. 2,363,713; Nov. 28.
Weissenberg, Gustav. (See Skaupy, F., and Weissenberg.)
Weissenberg, Gustav J., Berlin-Mariendorf, Germany; vested in the Alien Property Custodian. Process to lower the reflection of optically active surfaces. 2,356,553; Aug. 22.
Weissert, Walter J., Carnegie, Pa., assignor to The Tracy Manufacturing Company. Table-top construction. 2,353,777; July 18.
Weissman, Samuel, New York, N. Y. Combination display board, container, and pad. 2,351,378; June 13.
Weismann, Charles, London, England. Production of aromatic hydrocarbons. 2,349,781; May 23.

Weiss, Adolf, Budapest, Hungary; vested in the Alien Property Custodian. Time-setting device for fuses. 2,356,554; Aug. 22.

Weiss, Tibor, Budapest, Hungary; vested in the Alien Property Custodian. Stocking. 2,365,161; Dec. 19.

Weiss, Wilbur M., and E. H. Royse, Dallas, Tex. Camping device. 2,365,030; Dec. 12.

Weissmann, Charles, London, and H. Steiner, Eccles, England. Lining for hydrocarbon treating apparatus. 2,354,163; July 18.

Wekeman, Stephen N., Saddle River Township, Bergen County, N. J., assignor to General Printing Ink Corporation, New York, N. Y. Camera. 2,356,960; Aug. 29.

Wellbury, Stanley G., assignor to Darwins Limited, Sheffield, England. Lathe and lathe tool. 2,351,892; June 20.

Welty, Henry R., assignor to Detroit Lubricator Company, Detroit, Mich. Lubricating apparatus. 2,341,348; Feb. 8.

Welsh, Alanson U., Jr., Pittsfield, Mass., assignor to General Electric Company. Reactor. 2,358,675; Sept. 19.

Welsh, Donald M., assignor to O'Sullivan Rubber Company, Inc., Winchester, Va. Rubber heel. 2,366,138; Dec. 26.

Welsh, Jerome B., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Device for control of current impulses. 2,363,714; Nov. 28.

Welsh, Robert E., assignor to N. J. Smith, doing business as Nowery J. Smith Supply Company, Houston, Tex. Flow heater. 2,361,252; Oct. 24.

Welsh, William C., Philadelphia, Pa. Locking device. 2,348,373; May 9.

Welsh, William E., Springfield, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Plastic compositions. 2,362,961; Nov. 14.

Welsome, Carl J., Toledo, Ohio. Die. 2,349,920; May 30.

Weld, Foster E., Newton, assignor to The Gamewell Company, Newton Upper Falls, Mass. Signaling system. 2,356,934; Aug. 15.

Welden, Fay D., Tuckahoe, assignor to Valve Pilot Corporation, New York, N. Y. Drive for valve cutoff indicators. 2,363,633; Nov. 28.

Welder Patents Inc. (See Allshouse, H. A., and Dyer, assignors.)

Welding Apparatus Company. (See Madson, Harold R., assignor.)

Welding Research, Inc. (See Sciaky, David, assignor.)

Weldon, James O., Del Rio, Tex., assignor to Federal Telephone and Radio Corporation. Carrier wave circuit protection. 2,338,556; Jan. 4.

Weldon Tool Company, The. (See Hedin, Oscar C., assignor.)

Welger, Theodore A., assignor to The Whitehead Bros. Rubber Company, Trenton, N. J. Hose and coupling. 2,359,952; Oct. 10.

Welinsky, Irving H. (See Abrams, A. J., and Welinsky.)

Welinsky, Irving H., Media, Pa., and M. H. Gorin, Dallas, Tex., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Recovery of aluminum bromide catalyst. 2,348,770; May 16.

Welk, Nelson S. (See Connor, R., and Welk.)

Welker, William, Oberfrohna, Saxony, Germany; vested in the Alien Property Custodian. Flat knitting frame. 2,363,032; Nov. 21.

Well Surveys, Incorporated. (See Fearon, Robert E., assignor.)

Well Surveys, Incorporated. (See Pontecorvo, Bruno, assignor.)

Well Surveys, Incorporated. (See Pontecorvo, B., and Swift, assignors).

Well Surveys, Incorporated. (See Scherbatskoy, S. A., Swift, Fearon, and Neufeld, assignors.)

Well Surveys, Incorporated. (See Wolff, Paul A., assignor.)

Weller, Charles J., Coulee City, Wash. Ventilator. 2,351,794; June 20.

Weller, Ralph H. (See Hamann, W., and Weller.)

Welles, Halsey V., Detroit, Mich. Vehicle drive. 2,352,301; June 27.

Welling, Charles E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Separating hydrocarbons. 2,342,990; Feb. 29.

Welliver, Le Roy, St. Paul, and H. H. Sievers, Minneapolis, Minn. Multiple use mailing folder. 2,355,348; Aug. 8.

Wellman Engineering Company, The. (See Kincaid, John R., assignor.)

Wellman, Homer B. (See Schultz, T. H., Levine, and Wellman.)

Wellman, Howard C., Rochester, and A. C. Brown, 3rd, Buffalo, assignors to Eastman Kodak Company, Rochester, N. Y. Reel drive mechanism for motion picture projectors. 2,360,294; Oct. 10.

Wellman, John W. (See Tishler, M., and Wellman.)

Wellman, Samuel K., Cleveland Heights, assignor to The S. K. Wellman Company, Cleveland, Ohio. Stripping apparatus. 2,342,772; Feb. 29.

Wellman, Samuel K., Cleveland Heights, Ohio. Landing platform for airplanes. 2,342,773; Feb. 29.

Wellman, S. K., Company, The. (See Ellis, Edward E., assignor.)

Wellman, S. K., Company, The. (See Wellman, Samuel K., assignor.)

Wellman, Victor E., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Oxidation of synthetic latex. 2,344,843; Mar. 21.

Wells, Adoniram J., Wilmington, Del., assignor to B. B. Chemical Co., Boston, Mass. Tempering leather. 2,363,715; Nov. 28.

Wells, Albert S., assignor to Wells-Gardner & Co., Chicago, Ill. Automatic radio tuner. 2,350,543; June 6.

Wells, Alfred A. (See Jones, M. C. J., and Wells.)

Wells, Alfred A., Roselle Park, N. J., assignor to Standard Oil Development Company. Reconditioning catalytic cycle stocks. 2,341,405; Feb. 8.

Wells, Bruce C. (See Ellis, D., and Wells.)

Wells, Bruce C., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Latching means for electromagnetic devices. 2,340,092; Jan. 25.

Wells, Burling D., assignor to The Mallory Hat Company, Danbury, Conn. Hat crown pouncing machine construction. 2,345,369; Mar. 28.

Wells, C. G., et al. (See Walker, Jay P., assignor.)

Wells, Donald H., Maplewood, N. J., and M. De Groote, University City, Mo., assignors to Purolator Products, Inc., Newark, N. J. Filter. 2,343,427; Mar. 7.

Wells, Donald H., Maplewood, N. J., and M. De Groote, University City, Mo., assignors to Purolator Products, Inc., Newark, N. J. Filter. 2,343,428; Mar. 7.

Wells, Donald H., Maplewood, N. J., and M. De Groote, University City, Mo., assignors to Purolator Products, Inc., Newark, N. J. Filter. 2,343,429; Mar. 7.

Wells, Donald H., Maplewood, N. J., and M. De Groote, University City, Mo., assignors to Purolator Products, Inc., Newark, N. J. Filter. 2,343,430; Mar. 7.

Wells, Donald H., Maplewood, N. J., and M. De Groote, University City, Mo., assignors to Purolator Products, Inc., Newark, N. J. Filter. 2,343,431; Mar. 7.

Wells, Donald H., Maplewood, N. J., and M. De Groote, University City, Mo., assignors to Purolator Products, Inc., Newark, N. J. Filter. 2,343,432; Mar. 7.

Wells, Donald H., Maplewood, N. J., and M. De Groote, University City, Mo., assignors to Purolator Products, Inc., Newark, N. J. Filter. 2,343,433; Mar. 7.

Wells, Donald H., Maplewood, N. J., and M. De Groote, University City, Mo., assignors to Purolator Products, Inc., Newark, N. J. Filter. 2,343,434; Mar. 7.

Wells, Donald H., Maplewood, N. J., and M. De Groote, University City, Mo., assignors to Purolator Products, Inc., Newark, N. J. Filter. 2,343,435; Mar. 7.

Wells, Donald H., Maplewood, N. J., and M. De Groote, University City, Mo., assignors to Purolator Products, Inc., Newark, N. J. Filter. 2,343,436; Mar. 7.

Wells, Donald H., Maplewood, N. J., and M. De Groote, University City, Mo., assignors to Purolator Products, Inc., Newark, N. J. Filter. 2,343,437; Mar. 7.

Wells, Donald H., Maplewood, N. J., and M. De Groote, University City, Mo., assignors to Purolator Products, Inc., Newark, N. J. Filter. 2,343,438; Mar. 7.

Wells, Earl J., Comptche, Calif. Dial test indicator. 2,345,845; Apr. 4.

Wells, Franklin H., Hackensack, N. J., assignor to American Machine & Foundry Company. Baking method. 2,340,354; Feb. 1.

Wells, Franklin H., Hackensack, N. J., assignor to American Machine & Foundry Company. Seal forming mechanism. 2,357,786; Sept. 5.

Wells-Gardner & Co. (See Wells, Albert S., assignor.)

Wells, George, Komas Ranch, Denman Island, British Columbia, Canada. Baster roaster. 2,348,507; May 9.

Wells, Harold D., Glens Falls, N. Y. Pulp beater and selector. 2,340,720; Feb. 1.

Wells, Harold D., Glens Falls, N. Y. Continuous beater and pulp selector. 2,351,728; June 20.

Wells, Harold D., Glens Falls, N. Y. Pulp screen. 2,356,289; Aug. 22.

Wells, Herbert J. C., Atlantic Highlands, N. J. Thermostatically controlled device. 2,351,086; June 13.

Wells, Ida M. (See Wells, Sheldon H. and I. M.)

Wells, Joseph H. (See Wilson, P. J., Jr., and Wells.)

Wells, Joseph H., and P. J. Wilson, Jr., assignors to Carnegie-Illinois Steel Corporation, Pittsburgh, Pa. Recovering polymerized dienes. 2,362,227; Nov. 7.

Wells, L. A., Construction Company, The. (See Wells, Louis A., assignor.)

Wells Lamont Corporation. (See Mason, Arthur H., assignor.)

Wells Lamont Corporation. (See Wells, William O., Jr., assignor.)

Wells, Louis A., Shaker Heights, assignor to The L. A. Wells Construction Company, Cleveland, Ohio. Breakwater. 2,348,508; May 9.

Wells, Olive A., St. Louis, Mo. Applicator for fingernail polish remover. 2,360,457; Oct. 17.

Wells, Percy A., Abington, and D. Swern, Melrose Park, Pa., assignors to Claude R. Wickard, as Secrtary of Agriculture of the United States of America, and to his successors in office. Derivatives of ascorbic acid. 2,350,435; June 6.

Wells, Sheldon H. and I. M., Los Angeles, Calif. Shampoo pillow. 2,351,849; June 20.

Wells, Sidney D., Combined Locks, assignor to The Institute of Paper Chemistry, Appleton, Wis. Manufacture of bleached kraft pulp. 2,364,177; Dec. 5.

Wells, Walter A., Washington, D. C. Atomizer. 2,349,894; May 30.

Wells, Wesley B., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Control apparatus for railway signaling means. 2,361,516; Oct. 31.

Wells, William O., Jr., Evanston, Ill., assignor to Wells Lamont Corporation. Glove. 2,344,477; Mar. 14.

Wellworthy Piston Rings Limited. (See Howlett, John W., assignor.)

Welp, Edward W., Chicago, Ill., assignor to Graver Tank & Mfg. Co., Inc. Filter underdrain. 2,351,308; June 13.

Welsand, John, Jr., and L. L. Lee, Detroit, Mich., assignors to Eaton Manufacturing Company, Cleveland, Ohio. Dressing device for grinding wheels. 2,346,528; Apr. 11.

Welsby, Silas, and C. Burton, assignor to David Brown & Sons (Huddersfield) Limited, Huddersfield, England. Expanding reamer. 2,364,259; Dec. 5.

Welsch, Samuel L., South Orange, assignor to Lewel Manufacturing Co. Inc., Newark, N. J. Maternity foundation garment. 2,351,566; June 13.

Welsh, Clarke T., Logansport, Ind. Burner fuel pipe cleaner. 2,344,758; Mar. 21.

Welsh, Edward T., Buffalo, N. Y. Mounting for rear-vision mirrors. 2,351,087; June 13.

Welsh, James W., Providence, R. I., assignor to Welsh Manufacturing Company. Headband for welders' helmets. 2,349,218; May 16.

Welsh Manufacturing Company. (See Miner, Frederic I., assignor.)

Welsh Manufacturing Company. (See Welsh, James W., assignor.)

Welte, Benedict, Lake Orion, assignor to Colonial Broach Company, Detroit, Mich. Release mechanism for broach pulling chucks. 2,338,989; Jan. 11.

Welte, Benedict, Lake Orion, and H. H. Gotberg, assignors to Colonial Broach Company, Detroit, Mich. Rifle broaching machine. 2,352,873; July 4.

Weltt, Edward, Astoria, Long Island, assignor, by mesne assignments, to M. H. Schiffer, New York, N. Y. Loom. 2,346,803; Apr. 18.

Welty, Albert B., Jr., Mountainside, N. J., assignor to Standard Oil Development Company. Automatic aniline point recorder. 2,349,482; May 23.

Welty, Albert B., Moline, Ill., assignor to International Harvester Company. Thresher. 2,351,667; June 13.

Welty, Albert B., Moline, Ill., assignor to International Harvester Company. Threasher. 2,358,548; Sept. 19.

Welwood, John C., Corporation. (See Funke, Albert E., assignor.)

Wemhöner, Wilhelm. (See Plagemann, W., and Wemhöner.)

Wemhöner, Wilhelm, Berlin-Karlshorst, Germany; vested in the Alien Property Custodian. Machine tool and the like. 2,358,269; Sept. 12.

Wemp, Ernest E., Detroit, Mich. Driving axle. 2,345,846; Apr. 4.

Wemp, Ernest E., Detroit, Mich. Torque reaction device. 2,349,921; May 30.

Wenander, Harald S., Lund, Sweden. Servomotor. 2,339,592; Jan. 18.

Wenck, Peter R., assignor to The Dow Chemical Company, Midland, Mich. Gel-forming composition. 2,358,549; Sept. 19.

Wendel, David, Johnstown, Pa., assignor to Webster Rubber Company, Warren, Ohio. Tire tread and making the same. 2,345,518; Mar. 28.

Wendel, Rudolf, Roslyn Heights, N. Y. Projector. 2,354,237; July 25.

Wendlandt, Rudolf, G. Hoffmann, and H. Füldner, Piesteritz, near Halle, Germany; vested in the Alien Property Custodian. Azotising calcium carbide and carbide mixtures. 2,352,051; June 20.

Wendler, Adolph F., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Composition and process. 2,356,290; Aug. 22.

Wendt, Karl R., Audubon, N. J., assignor to Radio Corporation of America. Television system. 2,339,536; Jan. 18.

Wendt, Karl R., Audubon, N. J., assignor to Radio Corporation of America. Television system. 2,358,545; Sept. 19.

Wendt, Karl R., Audubon, N. J., assignor to Radio Corporation of America. Saw-tooth deflection. 2,363,822; Nov. 28.

Wengel, Raymond W., assignor to Eastman Kodak Company, Rochester, N. Y. Slide projector. 2,362,601; Nov. 14.

Wenner, Wilhelm, Montclair, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Derivative of tropic acid amide. 2,347,722; May 2.

Wenner, Wilhelm, Montclair, assignor to Hoffmann-La Roche, Inc., Nutley, N. J. Tropic acid amide and manufacture thereof. 2,347,723; May 2.

Wensel, Theodor, Jr., Tonawanda, N. Y. Sanitary tissue container. 2,345,309; Mar. 28.

Wente, Edward C. (See Jones, R. C., O'Neil, and Wente.)

Wentworth, Theodore O., assignor to The Vulcan Copper & Supply Company, Cincinnati, Ohio. Apparatus for constant concentration distillation. 2,354,897; Aug. 1.

Wentworth, Theodore O., Cincinnati, Ohio. Obtaining absolute alcohol from aqueous mixtures thereof. 2,358,193; Sept. 12.

Wentworth, William M., San Antonio, Tex. Building construction unit. 2,341,064; Feb. 8.

Wentz, Paul L., Fostoria, Ohio. Clothes hanger. 2,360,458; Oct. 17.

Wenzel, Alvin J. (See Bard, A. T., and Wenzel.)

Wenzel, Friedrich, Berlin-Siemensstadt, Germany; vested in the Alien Property Custodian. Producing tools. 2,338,990; Jan. 11.

Wenzel, Wilhelm. (See Wirth, G., Wenzel, Sabel, and Laudenklos.)

Wenzelberger, Elwood P. (See Manley, F. N., and Wenzelberger.)

Wenzelberger, Elwood P., Plainfield, and F. N. Manley, Highland Park, assignors to Johnson & Johnson, New Brunswick, N. J. Adhesive coated fabric and barrier coating composition therefor. 2,352,463; June 27.

Wenske, Herman H., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,353,950; July 18.

Werdehoff, Albert B., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Motor vehicle heating system. 2,347,141; Apr. 18.

Werfel, Harry A., Essex Fells, N. J. Work feeding and spot spacing control for electric spot welding machines. 2,355,576; Aug. 8.

Werner, Calvin J., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Motor control switch. 2,346,341; Apr. 11.

Werner, Ewald. (See Symons, E. B., and Werner.)

Werner, Harry C. (See Langer, B. F., and Werner.)

Werner, Harry C., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Shaft vibration pickup. 2,363,373; Nov. 21.

Werner, Sture E., assignor to Telefonaktiebolaget L. M. Ericsson, Stockholm, Sweden. Head telephone set. 2,360,027; Oct. 10.

Wernlund, Christian J., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Bright copper plating. 2,347,448; Apr. 25.

Werntz, James H. (See Schreiber, R. S., and Werntz.)

Werntz, James H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical process and product. 2,338,829; Jan. 11.

Werntz, James H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical process and product. 2,338,830; Jan. 11.

Wert, William W., Dayton, Ohio. Portable tool. 2,365,232; Dec. 19.

Wertheimer, Albert. (See Flynn, T. J., and Wertheimer.)

Werts, Everett W. (See Crosthwait, David N., Jr.)

Werts, Everett W. (See Crosthwait, D. N., Jr., and Werts.)

Werts, Howard D., La Salle, Ill. Clock. 2,363,763; Nov. 28.

Werts, Richard A. (See Armentrout, A. L., and Werts.)

Wertz, Louis S. (See Turzillo, Lee, assignor.)

Weco Waterpaints Incorporated. (See Deck, Arthur D., assignor.)

Wescott, Blaine B. (See zur Horst, C. G., Wescott, and Vollmer.)

Wescott, Florence W. (See Wescott, Jay V., assignor.)

Wescott, Jay V., assignor, by mesne assignments, to F. W. Wescott, Chicago, Ill. Pipe clamp. 2,340,444; Feb. 1.

Wescott, William B., Dover, Mass., assignor to Addressograph-Multigraph Corporation, Wilmington, Del. Planographic printing. 2,342,713; Feb. 29.

Wescott, William B., Dover, Mass., assignor to Addressograph-Multigraph Corporation, Wilmington, Del. Planographic printing plate. 2,348,771; May 16.

Wescott, William B., Dover, Mass., assignor to Addressograph-Multigraph Corporation, Wilmington, Del. Planographic printing plate. 2,348,943; May 16.

Wesley, Andrew. (See Pilling, N. B., and Wesley.)

Wesely, Edwin F., Chevy Chase, Md. Combined centrifugal extractor and tumbler. 2,343,102; Feb. 29.

Weseemeyer, Dietrich F. O., Euclid, assignor to Spiral Brushes, Incorporated, Cleveland, Ohio. Brush construction. 2,349,643; May 23.

Weseemeyer, Dietrich F. O., Euclid, assignor to Spiral Brushes, Incorporated, Cleveland, Ohio. Double-locked brushing unit and making the same. 2,349,644; May 23.

Wessel, Erich. (See Cyron, K., and Wessel.)

Wessel, Erich. (See Haseloff, J., and Wessel.)

Wessenger, Harold B., Medford, Mass. Bearing. 2,354,724; Aug. 1.

Wessman, Walter G., Bridgeport, Conn. Grinding machine. 2,362,873; Nov. 14.

Wesson, Alexander J. (See Ellis, G. H., and Wesson.)

Wesson, George W., Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine. 2,346,637; Apr. 11.

Wesson, George W., Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Edge-finishing seam for pile-fabric articles and making the same. 2,360,747; Oct. 17.

West Aeronautical Devices, Inc. (See West, Russell L., assignor.)

West, Al. et al. (See Steinharter, Stanley S., assignor.)

West Baking Company. (See Elrod, Ralph E., assignor.)

West Bend Aluminum Company. (See Kircher, Ralph N., assignor.)

West, Brennan B. (See Milestone, W. E., and West.)

West, C. W., et al. (See Gray, R. D., and Denison, assignors.)
West, Charles A., and E. A. Morgan, Selma, Calif. Tire loosening device. 2,338,696; Jan. 11.
West, Charles C., assignor to Manitowoc Shipbuilding Company, Manitowoc, Wis. System of control for boats. 2,344,433; Mar. 14.
West, Edward E., Richmond, Va. Tubular bag making machine. 2,340,290; Feb. 1.
West, Francis, Jr. (See Carter, L. F., and West.)
West, George L., Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Glass-lined container. 2,364,014; Nov. 28.
West, Harry R., Pittsfield, Mass., assignor to General Electric Company. Induction voltage regulator. 2,341,968; Feb. 15.
West, Herbert J., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Quaternary nitrogen condensation products of methylol urea ethers. 2,344,934; Mar. 21.
West, James R. (See Barrett, E. P., and West.)
West, John W. (See Downing, H. L., and West.)
West, John W., Woodside, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,341,752; Feb. 15.
West, John W., Woodside, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,350,003; May 30.
West, John W., Jackson Heights, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,356,112; Aug. 15.
West, Kenneth C., Elmwood, Nebr. Package opener. 2,347,381; Apr. 25.
West, Merle J., assignor to W. E. Vogel, Los Angeles, Calif. Conduit support. 2,365,985; Dec. 26.
West, Michael J. (See Krueger, A. P., and West.)
West, Paul B. (See Jones, R. M., and West.)
West, Russell L., assignor to West Aeronautical Devices, Inc., Montreal, Quebec, Canada. Trainer for teaching airplane controls. 2,341,253; Feb. 8.
West, Trustham F. (See Hewitt, J. T., and West.)
West, Victor E., Chicago, Ill., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Heating system for railway cars. 2,353,097; July 4.
West Virginia Pulp and Paper Company. (See Baker, Walter L., assignor.)
West Virginia Pulp and Paper Company. (See Haywood, Gerald, assignor.)
West Virginia Pulp and Paper Company. (See Hoover, John A., assignor.)
West, William T., Severna Park, assignor to Fisher Brush Machinery Corporation, Baltimore, Md. Tuft-making device for automatic brush making machines. 2,349,532; May 23.
Westby, Harold C., Pittsburg, Calif. Saline ore leaching and precipitation system. 2,357,715; Sept. 5.
Westcott, Clifford H., Oak Park, assignor to J. H. Jacobson, Chicago, Ill. Dowel bar structure. 2,352,673; July 4.
Westenberg, Joseph E., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,339,272; Jan. 4.
Westerberg, Edith A., New York, N. Y. Making soap and article produced thereby. 2,360,920; Oct. 24.
Westerfield, James A., Beaver Dam, Ky. Mail box. 2,356,020; Aug. 15.
Westerkamp, Hugo, Cologne-Poll, Germany; vested in the Alien Property Custodian. Producing sound band matrices. 2,352,052; June 20.
Westerman, Alexander. (See De Pasquale, J., and Westerman.)
Western Cartridge Company. (See Burtle, Jerome G., assignor.)
Western Cartridge Company. (See Horan, Timothy F., assignor.)
Western Cartridge Company. (See Humeston, Frederick L., assignor.)
Western Cartridge Company. (See Jones, Delbert R., assignor.)
Western Cartridge Company. (See McBride, George A., assignor.)
Western Cartridge Company. (See McNutt, J. D., and Ehrlich, assignors.)
Western Cartridge Company. (See Olsen, Fredrich, assignor.)
Western Cartridge Company. (See Rowley, Arthur A., assignor.)
Western Cartridge Company. (See Upton, Austin R., assignor.)
Western Cartridge Company. (See Williams, David M., assignor.)
Western Cartridge Company. (See Williams, D. M., and Roemer, assignors.)
Western Cartridge Company. (See Wilson, Golder P., assignor.)
Western Electric Company. (See Adams, Robert T., assignor.)
Western Electric Company. (See Babbitt, B. J., and McCain, assignors.)
Western Electric Company. (See Barbe, Rudolph H., assignor.)
Western Electric Company. (See Barrans, William T., assignor.)
Western Electric Company. (See Bauscher, William E., assignor.)
Western Electric Company. (See Beaulieu, E. J., and Bennett, assignors.)
Western Electric Company. (See Beaulieu, E. J., and Christiansen, assignors.)
Western Electric Company. (See Beaulieu, E. J., Bennett, and McCann, assignors.)
Western Electric Company. (See Beckley, Charles O., assignor.)
Western Electric Company. (See Bertalan, Edward, assignor.)
Western Electric Company. (See Bertalan, E., and Taggart, assignors.)
Western Electric Company. (See Berthold, W., and Rea, assignors.)
Western Electric Company. (See Beyer, Charles M., assignor.)
Western Electric Company. (See Bouget, Yves A., assignor.)
Western Electric Company. (See Brooks, Robert E., assignor.)
Western Electric Company. (See Brown, William J., assignor.)
Western Electric Company. (See Chambers, E. G., Kling, and Seeley, assignors.)
Western Electric Company. (See Chandler, M. R., and McCann, assignors.)
Western Electric Company. (See Cherry, G. L., Johnson, and Scott, assignors.)
Western Electric Company. (See Clemons, Dale R., assignor.)
Western Electric Company. (See Coleman, A. R., and Swickard, assignors.)
Western Electric Company. (See Conklin, Robert M., assignor.)
Western Electric Company. (See Cox, Thomas K., assignor.)
Western Electric Company. (See Craddock, G. V., and Franz, assignors.)
Western Electric Company. (See Crist, P. W., and Johansson, assignors.)
Western Electric Company. (See Croy, Dalton C., assignor.)
Western Electric Company. (See Decker, John A., assignor.)
Western Electric Company. (See Detrick, J. N., and Fruth, assignors.)
Western Electric Company. (See Dewees, Leonard S., assignor.)
Western Electric Company. (See Dillinger, J. F., and Ogden, assignors.)
Western Electric Company. (See Drews, W. F., and Swickard, assignors.)
Western Electric Company. (See Ducloe, Aeneas J. N., assignor.)
Western Electric Company. (See Duft, Harry C., assignor.)
Western Electric Company. (See Earl, John A., assignor.)
Western Electric Company. (See Ehret, John, Jr., assignor.)
Western Electric Company. (See Ehret, J., Jr., and Maurer, assignors.)
Western Electric Company. (See Followill, B. S., and MacLagan, assignors.)
Western Electric Company. (See Framburg, C. A., Jr., and Larson, assignors.)
Western Electric Company. (See Frankwich, A. C., and Seeley, assignors.)
Western Electric Company. (See Franz, Erwin E., assignor.)
Western Electric Company. (See Frayne, John G., assignor.)
Western Electric Company. (See Frederick, Kenneth L., assignor.)
Western Electric Company. (See Fruth, Hal F., assignor.)
Western Electric Company. (See Garbe, Howard W., assignor.)
Western Electric Company. (See Gillis, Randall, assignor.)
Western Electric Company. (See Gliss, G. E., and Schmidt, assignors.)
Western Electric Company. (See Goddard, Charles T., assignor.)
Western Electric Company. (See Granberry, Doyle S., assignor.)
Western Electric Company. (See Graveson, G. L., and Keith, assignors.)
Western Electric Company. (See Gray, Alvin N., assignor.)
Western Electric Company. (See Haase, Carl O., assignor.)
Western Electric Company. (See Hackbarth, Carl J., assignor.)
Western Electric Company. (See Hannan, D. O., and Martin, assignors.)
Western Electric Company. (See Heger, Wilhelm A., assignor.)
Western Electric Company. (See Heinicke, Herbert M. E., assignor.)
Western Electric Company. (See Henning, G. E., Nelson, and Wagner, assignors.)

Western Electric Company. (See Herrnfeld, Frank, assignor.)
Western Electric Company. (See Heyden, Robert A., assignor.)
Western Electric Company. (See Hoff, Wilbur L., assignor.)
Western Electric Company. (See Holcomb, Arthur L., assignor.)
Western Electric Company. (See Hull, Sydney M., assignor.)
Western Electric Company. (See Hummel, Wellington R., assignor.)
Western Electric Company. (See Jennings, William H., assignor.)
Western Electric Company. (See Johansson, Sven G., assignor.)
Western Electric Company. (See Johnston, F. D., and Sherrill, assignors.)
Western Electric Company. (See Jongedyk, Ralph, assignor.)
Western Electric Company. (See Keating, Herbert S., assignor.)
Western Electric Company. (See Kenny, William J., assignor.)
Western Electric Company. (See King, John W., assignor.)
Western Electric Company. (See Knaus, Peter J., assignor.)
Western Electric Company. (See Knaus, P. J., and Larsen, assignors.)
Western Electric Company. (See Lane, Edwin H., assignor.)
Western Electric Company. (See Larsen, E. J., and Nelson, assignors.)
Western Electric Company. (See Larsen, Einer W., assignor.)
Western Electric Company. (See Larson, Homer W., assignor.)
Western Electric Company. (See Lembitz, J. J., and Martin, assignors.)
Western Electric Company. (See Lindberg, Oscar P., assignor.)
Western Electric Company. (See Liss, August S., assignor.)
Western Electric Company. (See Little, John S., assignor.)
Western Electric Company. (See Logan, Alexander, assignor.)
Western Electric Company. (See Lorance, George T., assignor.)
Western Electric Company. (See Malhiot, Eugene L., assignor.)
Western Electric Company. (See Martin, Samuel M., assignor.)
Western Electric Company. (See Martin, S. M., and Miller, assignors.)
Western Electric Company. (See Martindell, Frank, assignor.)
Western Electric Company. (See Matson, George C., assignor.)
Western Electric Company. (See McCann, P. S., and Todoroff, assignors.)
Western Electric Company. (See Merwin, Harry H., assignor.)
Western Electric Company. (See Miller, Lloyd L., assignor.)
Western Electric Company. (See Mitchell, Donald H., assignor.)
Western Electric Company. (See Moller, Kasper F., assignor.)
Western Electric Company. (See Moran, Robert P., assignor.)
Western Electric Company. (See Moss, Earl C., assignor.)
Western Electric Company. (See Nelson, Oscar G., assignor.)
Western Electric Company. (See Norman, H. W., and Raetsch, assignors.)
Western Electric Company. (See Nystrom, Axel C., assignor.)
Western Electric Company. (See Oakes, Claude W., assignor.)
Western Electric Company. (See O'Donnell, Thomas E., assignor.)
Western Electric Company. (See Olney, Nathaniel M., assignor.)
Western Electric Company. (See Orwell, Albert E., assignor.)
Western Electric Company. (See Pash, Robert, assignor.)
Western Electric Company. (See Paulson, Christian, assignor.)
Western Electric Company. (See Pether, Theodore J., Jr., assignor.)
Western Electric Company. (See Pfeiffer, Conrad L., assignor.)
Western Electric Company. (See Powell, Raymond E., assignor.)
Western Electric Company. (See Quinlan, Amos L., assignor.)
Western Electric Company. (See Raetsch, Bruno A., assignor.)
Western Electric Company. (See Rayburn, Vincent A., assignor.)
Western Electric Company. (See Reichelt, Lester O., assignor.)
Western Electric Company. (See Reichelt, L. O., and Spillman, assignors.)
Western Electric Company. (See Reimer, Herman C., assignor.)
Western Electric Company. (See Reynolds, Ellwood W., assignor.)
Western Electric Company. (See Robb, Donald T., assignor.)
Western Electric Company. (See Roemisch, Joseph L., assignor.)
Western Electric Company. (See Samson, Walter R., assignor.)
Western Electric Company. (See Schlumpf, Walter, assignor.)
Western Electric Company. (See Schwartz, L. H., and Tooker, assignors.)
Western Electric Company. (See Scott, Kenneth L., assignor.)
Western Electric Company. (See Scrantom, De Hart G., assignor.)
Western Electric Company. (See Selvig, John N., assignor.)
Western Electric Company. (See Sherman, Russel J., assignor.)
Western Electric Company. (See Sherrill, Sloan S., assignor.)
Western Electric Company. (See Sherrill, S. S., and Stiegler, assignors.)
Western Electric Company. (See Simmons, Howard A., assignor.)
Western Electric Company. (See Smith, Charles C., assignor.)
Western Electric Company. (See Stover, Clyde N., assignor.)
Western Electric Company. (See Stuhlfauth, George, assignor.)
Western Electric Company. (See Sulzer, John H., assignor.)
Western Electric Company. (See Summers, Albert E., assignor.)
Western Electric Company. (See Svikhart, Miles L., assignor.)
Western Electric Company. (See Swenson, Arthur R., assignor.)
Western Electric Company. (See Thornton, Horace R., assignor.)
Western Electric Company. (See Vander Els, Barth, assignor.)
Western Electric Company. (See Wagner, Julius A., assignor.)
Western Electric Company. (See Ward, James N., assignor.)
Western Electric Company. (See Waters, Daniel V., assignor.)
Western Electric Company. (See Zethmayr, Gordon J., assignor.)
Western Electric Company, Incorporated. (See Hanson, F. E., Smith, and Sulzer, assignors.)
Western Electric Company, Incorporated. (See Heffner, W. B., and Willenbruch, assignors.)
Western Electric Company, Incorporated. (See Lutz, Raymond P., assignor.)
Western Electrical Instrument Corporation. (See Murray, Royal H., assignor.)
Western Laundry Machinery Company. (See Sando, Joseph B., assignor.)
Western Lithograph Company. (See Otto, Edgar W., assignor.)
Western Machinery Company. (See Bousman, Samuel I., assignor.)
Western Precipitation Corporation. (See Hamilton, James H., assignor.)
Western Precipitation Corporation. (See Phillips, Frederick W., assignor.)
Western Railroad Supply Company. (See Miskelly, Samuel, assignor.)
Western Shade Cloth Company. (See Handy, Hubert L., assignor.)
Western States Machine Company, The. (See Roberts, E., and Stevens, assignors.)
Western Union Telegraph Company, The. (See Angel, Herbert, assignor.)
Western Union Telegraph Company, The. (See Cannon, W. D., and Wheeler, assignors.)
Western Union Telegraph Company, The. (See Engler, W. N., and Kline, assignors.)
Western Union Telegraph Company. (See Gose, Ralph R., assignor.)
Western Union Telegraph Company, The. (See Hackenberg, J. H., and Wise, assignors.)
Western Union Telegraph Company, The. (See Haglund, H. H., Dickey, and Newman, assignors.)
Western Union Telegraph Company, The. (See Hamlett, Robert T., assignor.)
Western Union Telegraph Company, The. (See Holcomb, Philo, Jr., assignor.)
Western Union Telegraph Company, The. (See Kline, Bernard L., assignor.)
Western Union Telegraph Company, The. (See Light, George G., assignor.)
Western Union Telegraph Company, The. (See Long, James W., assignor.)

Western Union Telegraph Company, The. (See Maus, F. J., and Rothermel, assignors.)
Western Union Telegraph Company, The. (See Pierson, Oscar E., assignor.)
Western Union Telegraph Company, The. (See Ridings, Garrice H., assignor.)
Western Union Telegraph Company, The. (See Ridings, G. H., and Wise, assignors.)
Western Union Telegraph Company, The. (See Smith, Leonard A., assignor.)
Western Union Telegraph Company, The. (See Tolen, Virgil R., assignor.)
Western Union Telegraph Company, The. (See White, F. J., and Ridings, assignors.)
Western Union Telegraph Company, The. (See Wise, R. J., and Ridings, assignors.)
Western Union Telegraph Company, The. (See Wise, R. J., Ridings, and Parrott, assignors.)
Westhoff, George, Millstadt, Ill. Hemmer attachment. 2,355,766; Aug. 15.
Westin, Axel. (See Westin, Sven and A.)
Westin, Sven, West Allis, and A. Westin, assignors to A. O. Smith Corporation, Milwaukee, Wis. Method and apparatus for upsetting pipe ends. 2,340,784; Feb. 1.
Westin, Sven, West Allis, and A. Westin, assignors to A. O. Smith Corporation, Milwaukee, Wis. Electrically forming tubes. 2,345,692; Apr. 4.
Westinghouse Air Brake Company, The. (See Aikman, Burton S., assignor.)
Westinghouse Air Brake Company, The. (See Brodie, Stuart B., assignor.)
Westinghouse Air Brake Company, The. (See Bush, Rankin J., assignor.)
Westinghouse Air Brake Company, The. (See Cameron, Mortimer B., assignor.)
Westinghouse Air Brake Company, The. (See Campbell, James A., assignor.)
Westinghouse Air Brake Company, The. (See Canetta, John, assignor.)
Westinghouse Air Brake Company, The. (See Cook, Earle S., assignor.)
Westinghouse Air Brake Company, The. (See Crittenden, Philip L., assignor.)
Westinghouse Air Brake Company, The. (See Down, Sidney G., assignor.)
Westinghouse Air Brake Company, The. (See Duckworth, William, assignor.)
Westinghouse Air Brake Company, The. (See Farmer, Clyde C., assignor.)
Westinghouse Air Brake Company, The. (See Foutz, Karl E., assignor.)
Westinghouse Air Brake Company, The. (See Glass, William H., assignor.)
Westinghouse Air Brake Company, The. (See Good, John N., assignor.)
Westinghouse Air Brake Company, The. (See Hewitt, Ellis E., assignor.)
Westinghouse Air Brake Company, The. (See Hines, Claude M., assignor.)
Westinghouse Air Brake Company, The. (See Jory, Samuel, assignor.)
Westinghouse Air Brake Company, The. (See Kelley, Cecil S., assignor.)
Westinghouse Air Brake Company, The. (See Kirk, Walter B., assignor.)
Westinghouse Air Brake Company, The. (See Larson, Arthur G., assignor.)
Westinghouse Air Brake Company, The. (See McClure, Glenn T., assignor.)
Westinghouse Air Brake Company, The. (See McCune, Joseph C., assignor.)
Westinghouse Air Brake Company, The. (See McCune, J. C., and Newell, assignors.)
Westinghouse Air Brake Company, The. (See Newell, George K., assignor.)
Westinghouse Air Brake Company, The. (See Oliver, Robert M., assignor.)
Westinghouse Air Brake Company, The. (See Sexton, Everett P., assignor.)
Westinghouse Air Brake Company, The. (See Stevens, Roy R., assignor.)
Westinghouse Air Brake Company, The. (See Stewart, Carlton D., assignor.)
Westinghouse Air Brake Company, The. (See Tramblie, Harry L., assignor.)
Westinghouse Air Brake Company, The. (See Whitney, R. T., and Miller, assignors.)
Westinghouse Electric Elevator Company. (See Bouton, Edgar M., assignor.)
Westinghouse Electric Elevator Company. (See Eames, W. F., and Hines, assignors.)
Westinghouse Electric Elevator Company. (See Williams, Harold W., assignor.)
Westinghouse Electric & Manufacturing Company. (See Ackermann, Otto, assignor.)
Westinghouse Electric & Manufacturing Company. (See Adams, P. G. and Axman, assignors.)
Westinghouse Electric & Manufacturing Company. (See Alden, Frank L., assignor.)
Westinghouse Electric & Manufacturing Company. (See Alden, F. L., and Langer, assignors.)
Westinghouse Electric & Manufacturing Company. (See Anderson, Waldemar E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Anderson, William B., assignor.)
Westinghouse Electric & Manufacturing Company. (See Appleman, Theodore C., assignor.)
Westinghouse Electric & Manufacturing Company. (See Armstrong, George C., assignor.)
Westinghouse Electric & Manufacturing Company. (See Arnold, Edwin E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Arnott, Edward G. F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Ashbaugh, John H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Atwell, Clarence A., assignor.)
Westinghouse Electric & Manufacturing Company. (See Austin, Bascum O., assignor.)
Westinghouse Electric & Manufacturing Company. (See Auxier, Robert W., assignor.)
Westinghouse Electric & Manufacturing Company. (See Baker, Benjamin P., assignor.)
Westinghouse Electric & Manufacturing Company. (See Baker, B. P., and Bakken, assignors.)
Westinghouse Electric & Manufacturing Company. (See Baker, B. P., and Rawlins, assignors.)
Westinghouse Electric & Manufacturing Company. (See Baker, B. P., and Webb, assignors.)
Westinghouse Electric & Manufacturing Company. (See Baker, Rest R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Barnes, Thomas D., assignor.)
Westinghouse Electric & Manufacturing Company. (See Bartholy, Frederick E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Bartolett, William H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Baston, Cyril E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Baudry, René A., assignor.)
Westinghouse Electric & Manufacturing Company. (See Bender, John, assignor.)
Westinghouse Electric & Manufacturing Company. (See Bergvall, Royal C., assignor.)
Westinghouse Electric & Manufacturing Company. (See Berkey, William E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Berkey, W. E., and Cuttino, assignors.)
Westinghouse Electric & Manufacturing Company. (See Blankenbuehler, John H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Borland, James E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Bostwick, Henry C., assignor.)
Westinghouse Electric & Manufacturing Company. (See Boyd, J., and Eklund, assignors.)
Westinghouse Electric & Manufacturing Company. (See Boykin, John R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Brace, Porter H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Bradshaw, William M., assignor.)
Westinghouse Electric & Manufacturing Company. (See Bramble, John H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Brecht, Winston A., assignor.)
Westinghouse Electric & Manufacturing Company. (See Breckenridge, Frank, assignor.)
Westinghouse Electric & Manufacturing Company. (See Breckenridge, F., and Clark, assignors.)
Westinghouse Electric & Manufacturing Company. (See Breckenridge, F., and Ridge, assignors.)
Westinghouse Electric & Manufacturing Company. (See Britain, Samuel B., assignor.)
Westinghouse Electric & Manufacturing Company. (See Brown, Myron J., assignor.)
Westinghouse Electric & Manufacturing Company. (See Browne, Thomas E., Jr., assignor.)
Westinghouse Electric & Manufacturing Company. (See Bruckman, William C., assignor.)
Westinghouse Electric & Manufacturing Company. (See Buchanan, Leslie B. M., assignor.)
Westinghouse Electric & Manufacturing Company. (See Buhler, Carl, assignor.)
Westinghouse Electric & Manufacturing Company. (See Burgwin, Stephen L., assignor.)
Westinghouse Electric & Manufacturing Company. (See Cambridge, Robert N., assignor.)
Westinghouse Electric & Manufacturing Company. (See Candee, Andrew H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Cassen, Benedict, assignor.)
Westinghouse Electric & Manufacturing Company. (See Chiles, John H., Jr., assignor.)
Westinghouse Electric & Manufacturing Company. (See Chubb, Lewis W., assignor.)
Westinghouse Electric & Manufacturing Company. (See Claybourn, Glen L., assignor.)
Westinghouse Electric & Manufacturing Company. (See Cody, Clifford S., assignor.)
Westinghouse Electric & Manufacturing Company. (See Cotter, James L., assignor.)
Westinghouse Electric & Manufacturing Company. (See Cumming, James M., assignor.)
Westinghouse Electric & Manufacturing Company. (See Cook, Willard G., assignor.)

Westinghouse Electric & Manufacturing Company. (See Constable, J. M., and Stamm, assignors.)
Westinghouse Electric & Manufacturing Company. (See Cox, Joseph H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Crabbs, Herbert J., assignor.)
Westinghouse Electric & Manufacturing Company. (See Cumming, J. M., and Ehll, assignors.)
Westinghouse Electric & Manufacturing Company. (See Davis, Evan A., assignor.)
Westinghouse Electric & Manufacturing Company. (See Derr, Willard A., assignor.)
Westinghouse Electric & Manufacturing Company. (See Dick, Winfred O., assignor.)
Westinghouse Electric & Manufacturing Company. (See Dickinson, R. C., and Leeds, assignors.)
Westinghouse Electric & Manufacturing Company. (See Dorfman, H. D., and Dyer, assignors.)
Westinghouse Electric & Manufacturing Company. (See Dyer, L. W., and Brown, assignors.)
Westinghouse Electric & Manufacturing Company. (See Eakin, C. T., assignor.)
Westinghouse Electric & Manufacturing Company. (See Eames, William F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Eaton, R. D., and Retherford, assignors.)
Westinghouse Electric & Manufacturing Company. (See Eberhart, Arthur H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Edwards, Roy H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Ehgott, K., and Hagg, assignors.)
Westinghouse Electric & Manufacturing Company. (See Ellis, Delbert, and Taylor, assignors.)
Westinghouse Electric & Manufacturing Company. (See Ellis, D., and Wells, assignors.)
Westinghouse Electric & Manufacturing Company. (See Elsey, Howard M., assignor.)
Westinghouse Electric & Manufacturing Company. (See Envall, Roy N., assignor.)
Westinghouse Electric & Manufacturing Company. (See Evans, Robert D., assignor.)
Westinghouse Electric & Manufacturing Company. (See Evans, R. D., and Monteith, assignors.)
Westinghouse Electric & Manufacturing Company. (See Evans, R. D., Marbury, and Monteith, assignors.)
Westinghouse Electric & Manufacturing Company. (See Exner, D. W., and Walley, assignors.)
Westinghouse Electric & Manufacturing Company. (See Faulk, Donald P., assignor.)
Westinghouse Electric & Manufacturing Company. (See Findlay, John H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Fischer, Eugene H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Fischer, Frederick K., assignor.)
Westinghouse Electric & Manufacturing Company. (See Florachuts, Fritz E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Flowers, Leonard C., assignor.)
Westinghouse Electric & Manufacturing Company. (See Ford, J. G., and Spencer, assignors.)
Westinghouse Electric & Manufacturing Company. (See Foreman, Robert A., assignor.)
Westinghouse Electric & Manufacturing Company. (See Formhals, William H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Fountain, Lawrence L., assignor.)
Westinghouse Electric & Manufacturing Company. (See Franck, Clarence C., assignor.)
Westinghouse Electric & Manufacturing Company. (See Freeman, George A., assignor.)
Westinghouse Electric & Manufacturing Company. (See Fritz, Dwain E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Gano, Harlan S., assignor.)
Westinghouse Electric & Manufacturing Company. (See Godsey, Frank W., Jr., assignor.)
Westinghouse Electric & Manufacturing Company. (See Goodwin, Arthur E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Gottlieb, Manious, assignor.)
Westinghouse Electric & Manufacturing Company. (See Graybill, Howard W., assignor.)
Westinghouse Electric & Manufacturing Company. (See Graybrook, H. W., and Biscup, assignors.)
Westinghouse Electric & Manufacturing Company. (See Griscom, Samuel B., assignor.)
Westinghouse Electric & Manufacturing Company. (See Grissinger, George G., assignor.)
Westinghouse Electric & Manufacturing Company. (See Grissinger, G. G., and Lindstrom, assignors.)
Westinghouse Electric & Manufacturing Company. (See Gulliksen, Finn H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Gustin, D. S., and Bryant, assignors.)
Westinghouse Electric & Manufacturing Company. (See Hageman, Aaron M., assignor.)
Westinghouse Electric & Manufacturing Company. (See Hagg, Arthur C., assignor.)
Westinghouse Electric & Manufacturing Company. (See Hanna, Clinton R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Hanna, C. R., and Kilgore, assignors.)
Westinghouse Electric & Manufacturing Company. (See Hanna, Raymond P., assignor.)
Westinghouse Electric & Manufacturing Company. (See Hanna, R. P., and Rose, assignors.)
Westinghouse Electric & Manufacturing Company. (See Hanna, R. P., and Scott, assignors.)
Westinghouse Electric & Manufacturing Company. (See Hansen, Elmer K., assignor.)
Westinghouse Electric & Manufacturing Company. (See Harding, William R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Harding, W. R., and Hanville, assignors.)
Westinghouse Electric & Manufacturing Company. (See Harmon, Ralph N., assignor.)
Westinghouse Electric & Manufacturing Company. (See Harmon, R. N., and Fischer, assignors.)
Westinghouse Electric & Manufacturing Company. (See Harrison, John W., assignor.)
Westinghouse Electric & Manufacturing Company. (See Hein, Carl C., assignor.)
Westinghouse Electric & Manufacturing Company. (See Hibbard, Lloyd J., assignor.)
Westinghouse Electric & Manufacturing Company. (See Hill, Charles F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Hill, Jerald E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Hill, Lawrence R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Hipple, John A., Jr., assignor.)
Westinghouse Electric & Manufacturing Company. (See Hodgkins, Charles H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Hodnette, John K., assignor.)
Westinghouse Electric & Manufacturing Company. (See Hodnette, J. K., Leonard, and Sellers, assignors.)
Westinghouse Electric & Manufacturing Company. (See Hofing, Fred H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Horst, Julius, assignor.)
Westinghouse Electric & Manufacturing Company. (See Horstman, C. C., and Brandt, assignors.)
Westinghouse Electric & Manufacturing Company. (See Huber, John J., assignor.)
Westinghouse Electric & Manufacturing Company. (See Hudson, F., and Clay, assignors.)
Westinghouse Electric & Manufacturing Company. (See Hudson, F., and Fulton, assignors.)
Westinghouse Electric & Manufacturing Company. (See Huggins, Leroy G., assignor.)
Westinghouse Electric & Manufacturing Company. (See Hunt, Lloyd F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Hurst, Robert O., assignor.)
Westinghouse Electric & Manufacturing Company. (See Hyde, Merritt A., assignor.)
Westinghouse Electric & Manufacturing Company. (See Immel, Ralph B., assignor.)
Westinghouse Electric & Manufacturing Company. (See Jennings, C. H., and White, assignors.)
Westinghouse Electric & Manufacturing Company. (See Jennings, Oliver S., assignor.)
Westinghouse Electric & Manufacturing Company. (See Jernstedt, George W., assignor.)
Westinghouse Electric & Manufacturing Company. (See Johns, Francis J., assignor.)
Westinghouse Electric & Manufacturing Company. (See Johnson, Frederick B., assignor.)
Westinghouse Electric & Manufacturing Company. (See Johnson, F. D., and Hauser, assignors.)
Westinghouse Electric & Manufacturing Company. (See Johnston, Robert L., assignor.)
Westinghouse Electric & Manufacturing Company. (See Kesting, Thomas J., assignor.)
Westinghouse Electric & Manufacturing Company. (See Jones, M. F., and Hutchison, assignors.)
Westinghouse Electric & Manufacturing Company. (See Kalischer, Philip R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Kelly, James M., assignor.)
Westinghouse Electric & Manufacturing Company. (See Kilgore, Lee A., assignor.)
Westinghouse Electric & Manufacturing Company. (See King, George E., assignor.)
Westinghouse Electric & Manufacturing Company. (See King, G. E., and Geiselman, assignors.)
Westinghouse Electric & Manufacturing Company. (See King, G. E., and Rutemiller, assignors.)
Westinghouse Electric & Manufacturing Company. (See Koch, Gustav H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Knochel, W. J., and Beyer, assignors.)
Westinghouse Electric & Manufacturing Company. (See Knochel, W. J., and Cherry, assignors.)
Westinghouse Electric & Manufacturing Company. (See Knochel, W. J., and Cone, assignors.)
Westinghouse Electric & Manufacturing Company. (See Knowles, Dewey D., assignor.)
Westinghouse Electric & Manufacturing Company. (See Koslow, John, assignor.)
Westinghouse Electric & Manufacturing Company. (See Krapf, Herman C., assignor.)
Westinghouse Electric & Manufacturing Company. (See Krauscope, A., and Lessmann, assignors.)

Westinghouse Electric & Manufacturing Company. (See Kroon, R. P., and Meyer, assignors.)
Westinghouse Electric & Manufacturing Company. (See Kruck, Ralph E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Laidig, Alfred H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Lamberger, E. H., and Langer, assignors.)
Westinghouse Electric & Manufacturing Company. (See Langer, Alois, assignor.)
Westinghouse Electric & Manufacturing Company. (See Langer, Bernard F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Langer, B. F., and Browne, assignors.)
Westinghouse Electric & Manufacturing Company. (See Langer, B. F., and Obson, assignors.)
Westinghouse Electric & Manufacturing Company. (See Langer, B. F., and Werner, assignors.)
Westinghouse Electric & Manufacturing Company. (See Lee, Reuben, assignor.)
Westinghouse Electric & Manufacturing Company. (See Leeds, Winthrop M., assignor.)
Westinghouse Electric & Manufacturing Company. (See Leippe, Richard M., assignor.)
Westinghouse Electric & Manufacturing Company. (See Leitzel, R. H., and Ware, assignors.)
Westinghouse Electric & Manufacturing Company. (See Lempert, Joseph, assignor.)
Westinghouse Electric & Manufacturing Company. (See Lenehan, Bernard E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Leonard, Merrill G., assignor.)
Westinghouse Electric & Manufacturing Company. (See Lessmann, Gerhard P., assignor.)
Westinghouse Electric & Manufacturing Company. (See Lessmann, G. P., and Lottes, assignors.)
Westinghouse Electric & Manufacturing Company. (See Lindstrom, T., and Langguth, assignors.)
Westinghouse Electric & Manufacturing Company. (See Linsenmeyer, J. Z., and Poole, assignors.)
Westinghouse Electric & Manufacturing Company. (See Lippman, Harry E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Liwschitz, Michael, assignor.)
Westinghouse Electric & Manufacturing Company. (See Longwell, Robert R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Longwell, R. R., and Wetherby, assignors.)
Westinghouse Electric & Manufacturing Company. (See Lockenbach, Richard B., assignor.)
Westinghouse Electric & Manufacturing Company. (See Ludwig, L. R., Baker, and Cumming, assignors.)
Westinghouse Electric & Manufacturing Company. (See Ludwig, L. R., and Fields, assignors.)
Westinghouse Electric & Manufacturing Company. (See Ludwig, L. R., and Langguth, assignors.)
Westinghouse Electric & Manufacturing Company. (See Ludwig, L. R., and May, assignors.)
Westinghouse Electric & Manufacturing Company. (See Lunas, Lawrence J., assignor.)
Westinghouse Electric & Manufacturing Company. (See Lynn, Clarence, assignor.)
Westinghouse Electric & Manufacturing Company. (See MacDonald, A. A., and Johnson, assignors.)
Westinghouse Electric & Manufacturing Company. (See MacFarland, Charles H., assignor.)
Westinghouse Electric & Manufacturing Company. (See MacGahan, Paul, assignor.)
Westinghouse Electric & Manufacturing Company. (See Mahnke, Kurt, assignor.)
Westinghouse Electric & Manufacturing Company. (See Manjoine, M. J., and Nadai, assignors.)
Westinghouse Electric & Manufacturing Company. (See Marbury, R. E., Ludwig, and Baker, assignors.)
Westinghouse Electric & Manufacturing Company. (See Marden, J. W., and Meister, assignors.)
Westinghouse Electric & Manufacturing Company. (See Mars, Nick, assignor.)
Westinghouse Electric & Manufacturing Company. (See Marshall, D. E., and Knochel, assignors.)
Westinghouse Electric & Manufacturing Company. (See May, John W., assignor.)
Westinghouse Electric & Manufacturing Company. (See May, J. W., and Lindstrom, assignors.)
Westinghouse Electric & Manufacturing Company. (See May, J. W., and Stuellein, assignors.)
Westinghouse Electric & Manufacturing Company. (See McCloy, Graham S., assignor.)
Westinghouse Electric & Manufacturing Company. (See McGowan, Michael E., assignor.)
Westinghouse Electric & Manufacturing Company. (See McNulty, John W., assignor.)
Westinghouse Electric & Manufacturing Company. (See Meyer, Charles A., assignor.)
Westinghouse Electric & Manufacturing Company. (See Meyer, Frank A., assignor.)
Westinghouse Electric & Manufacturing Company. (See Moerley, George M., assignor.)
Westinghouse Electric & Manufacturing Company. (See Miller, Ernest F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Millington, John H. T., assignor.)
Westinghouse Electric & Manufacturing Company. (See Miner, J. D., Jr., and Mulheim, assignors.)
Westinghouse Electric & Manufacturing Company. (See Moberly, Lawrence E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Monteith, Alexander C., assignor.)
Westinghouse Electric & Manufacturing Company. (See Morton, Eldred O., assignor.)
Westinghouse Electric & Manufacturing Company. (See Mosshart, Donald J., assignor.)
Westinghouse Electric & Manufacturing Company. (See Mourounoff, I. E., and Dinnick, assignors.)
Westinghouse Electric & Manufacturing Company. (See Mulheim, Joseph E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Murcek, Slavo J., assignor.)
Westinghouse Electric & Manufacturing Company. (See Myers, Henry C., assignor.)
Westinghouse Electric & Manufacturing Company. (See Myers, H. C., and Cox, assignors.)
Westinghouse Electric & Manufacturing Company. (See Myers, H. C., and Kilgore, assignors.)
Westinghouse Electric & Manufacturing Company. (See Nagel, G. W., and Schultz, assignors.)
Westinghouse Electric & Manufacturing Company. (See Nagy, R., and Rentschler, assignors.)
Westinghouse Electric & Manufacturing Company. (See Naumann, E. J., and Gilhooly, assignors.)
Westinghouse Electric & Manufacturing Company. (See Parr, Bernard F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Parsons, John S., assignor.)
Westinghouse Electric & Manufacturing Company. (See Pearson, R. W., and Faulk, assignors.)
Westinghouse Electric & Manufacturing Company. (See Pearson, R. W., and Marshall, assignors.)
Westinghouse Electric & Manufacturing Company. (See Pearson, R. W., and Murcek, assignors.)
Westinghouse Electric & Manufacturing Company. (See Pearson, R. W., and Stadum, assignors.)
Westinghouse Electric & Manufacturing Company. (See Penney, Clarence E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Peek, Henry L., assignor.)
Westinghouse Electric & Manufacturing Company. (See Pegg, Edward H. R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Peglow, Walter, assignor.)
Westinghouse Electric & Manufacturing Company. (See Penney, Gaylord W., assignor.)
Westinghouse Electric & Manufacturing Company. (See Pennow, Willis A., assignor.)
Westinghouse Electric & Manufacturing Company. (See Petzinger, Ambrose J., assignor.)
Westinghouse Electric & Manufacturing Company. (See Pierce, Lawrence, assignor.)
Westinghouse Electric & Manufacturing Company. (See Pollard, Ernest I., assignor.)
Westinghouse Electric & Manufacturing Company. (See Pollard, E. I., and Benyak, assignors.)
Westinghouse Electric & Manufacturing Company. (See Pontius, Peter A., assignor.)
Westinghouse Electric & Manufacturing Company. (See Porter, Thomas R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Priest, John E., assignor.)
Westinghouse Electric and Manufacturing Company. (See Prouty, Willis O., assignor.)
Westinghouse Electric & Manufacturing Company. (See Purifoy, George R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Rathbun, John F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Rawlins, Herbert L., assignor.)
Westinghouse Electric & Manufacturing Company. (See Rawlins, H. L., and Fischer, assignors.)
Westinghouse Electric & Manufacturing Company. (See Reagan, Maurice E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Rideout, Theodore R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Ridge, Raymond J., assignor.)
Westinghouse Electric & Manufacturing Company. (See Rights, H. T., Bernarde, and Altman, assignors.)
Westinghouse Electric & Manufacturing Company. (See Riley, Lynn G., assignor.)
Westinghouse Electric & Manufacturing Company. (See Robertson, Andrew W., assignor.)
Westinghouse Electric & Manufacturing Company. (See Roman, Walter G., assignor.)
Westinghouse Electric & Manufacturing Company. (See Roth, Willard, assignor.)
Westinghouse Electric & Manufacturing Company. (See Rugg, Harold H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Rushing, F. C., and Vore, assignors.)
Westinghouse Electric & Manufacturing Company. (See Russell, William J., assignor.)
Westinghouse Electric & Manufacturing Company. (See Samzelius, John W., assignor.)
Westinghouse Electric & Manufacturing Company. (See Sauer, Louis E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Sayers, Gordon F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Scattoloni, Joseph, assignor.)

Westinghouse Electric & Manufacturing Company. (See Schaelchlin, Walter, assignor.)
Westinghouse Electric & Manufacturing Company. (See Schmidt, Henry F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Schnarz, Richard, assignor.)
Westinghouse Electric & Manufacturing Company. (See Schwendner, Anthony F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Schwendner, A. F., and Newton, assignor.)
Westinghouse Electric & Manufacturing Company. (See Scott, Howard, assignor.)
Westinghouse Electric & Manufacturing Company. (See Scott, Olav, assignor.)
Westinghouse Electric & Manufacturing Company. (See Semar, Harold W., assignor.)
Westinghouse Electric & Manufacturing Company. (See Shaller, John L., assignor.)
Westinghouse Electric & Manufacturing Company. (See Short, L., and Brown, assignors.)
Westinghouse Electric & Manufacturing Company. (See Siegel, Sidney, assignor.)
Westinghouse Electric & Manufacturing Company. (See Slack, C. M., and Ehrke, assignors.)
Westinghouse Electric & Manufacturing Company. (See Slepian, Joseph, assignor.)
Westinghouse Electric & Manufacturing Company. (See Slepian, J., and White, assignors.)
Westinghouse Electric & Manufacturing Company. (See Smith, Walter H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Snyder, Franklin L., assignor.)
Westinghouse Electric & Manufacturing Company. (See Sonnemann, William K., assignor.)
Westinghouse Electric & Manufacturing Company. (See Spear, W. C., and Esarey, assignors.)
Westinghouse Electric & Manufacturing Company. (See Stallmann, Frederick W., assignor.)
Westinghouse Electric & Manufacturing Company. (See Stearns, Kenneth R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Steinert, Emil F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Stephenson, James G., assignor.)
Westinghouse Electric & Manufacturing Company. (See Stewart, Nelson H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Stine, S. S., and Beswick, assignors.)
Westinghouse Electric & Manufacturing Company. (See Stoltz, Glenn E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Strom, Albert P., assignor.)
Westinghouse Electric & Manufacturing Company. (See Swingle, Ralph H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Taliaferro, William R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Tanner, Elo C., assignor.)
Westinghouse Electric & Manufacturing Company. (See Taylor, Charles H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Toepfer, Adolph H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Tull, Robert H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Velnott, C. G., and Braun, assignors.)
Westinghouse Electric & Manufacturing Company. (See Venable, Emerson, assignor.)
Westinghouse Electric & Manufacturing Company. (See Vogel, Fred J., assignor.)
Westinghouse Electric & Manufacturing Company. (See Wahl, A. M., and Johnson, assignors.)
Westinghouse Electric & Manufacturing Company. (See Wallace, James M., assignor.)
Westinghouse Electric & Manufacturing Company. (See Walley, Omar C., assignor.)
Westinghouse Electric & Manufacturing Company. (See Walz, John G., assignor.)
Westinghouse Electric & Manufacturing Company. (See Watrous, Ward W., Jr., assignor.)
Westinghouse Electric & Manufacturing Company. (See Weber, Joe, assignor.)
Westinghouse Electric & Manufacturing Company. (See Wegman, Evert S., assignor.)
Westinghouse Electric & Manufacturing Company. (See Weiglass, Louis L., assignor.)
Westinghouse Electric & Manufacturing Company. (See Wells, Bruce C., assignor.)
Westinghouse Electric & Manufacturing Company. (See Werner, Harry C., assignor.)
Westinghouse Electric & Manufacturing Company. (See Wetherby, Tracy C., assignor.)
Westinghouse Electric & Manufacturing Company. (See White, Alfred B., assignor.)
Westinghouse Electric & Manufacturing Company. (See White, A. B., and Jennings, assignors.)
Westinghouse Electric & Manufacturing Company. (See Whittaker, Charles C., assignor.)
Westinghouse Electric & Manufacturing Company. (See Wickerham, William R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Wilcox, Howard M., assignor.)
Westinghouse Electric & Manufacturing Company. (See Williams, Clifton S., assignor.)
Westinghouse Electric & Manufacturing Company. (See Willmann, Hans H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Winkler, F. C., and Yungman, assignors.)
Westinghouse Electric & Manufacturing Company. (See Wolfert, Edward R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Wolfert, E. R., and Lyman, assignors.)
Westinghouse Electric & Manufacturing Company. (See Woodman, Kenneth L., assignor.)
Westinghouse Electric & Manufacturing Company. (See Wrathall, Jay R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Yost, I. A., and Pegg, assignors.)
Westinghouse Electric & Manufacturing Company. (See Yoxsimer, Orland H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Zetterquist, Eric A., assignor.)
Westinghouse Electric & Manufacturing Company. (See Zühlke, Marcell, assignor.)
Westinghouse Electric & Manufacturing Company. (See Zworykin, Vladimir K., assignor.)
Westlund, Karl W., assignor to Ensign Carburetor Co., Ltd., Huntington Park, Calif. Pressure regulator. 2,349,922; May 30.
Westmaas, Rupert H. D., Georgetown, Demerara, British Guiana. Amusement device. 2,343,489; Mar. 7.
Westman, Magnus, Encanto, Calif. Golf practice device. 2,338,697; Jan. 11.
Weston, Alexander S., New York, N. Y. Lighter with fluid reservoirs. 2,358,955; Sept. 26.
Weston Electrical Instrument Corporation. (See Cobb, Philip G., assignor.)
Weston Electrical Instrument Corporation. (See Goodwin, William N., Jr., assignor.)
Weston Electric Instrument Corporation. (See Lamb, Anthony H., assignor.)
Weston Electrical Instrument Corporation. (See Lamb, Francis X., assignor.)
Weston Electrical Instrument Corporation. (See Wolferz, Alfred H., assignor.)
Weston, Thomas, Broughton Astley, England. Ladder. 2,339,593; Jan. 18.
Westphal, Kurt, Wuppertal-Vohwinkel, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Pyridine compounds and manufacture thereof. 2,349,318; May 23.
Westrope, Frederick J., Pleasant Ridge, Mich., assignor, by mesne assignments, to F. L. Jacobs Co. Visor. 2,360,183; Oct. 10.
Westvaco Chlorine Products Corporation. (See Coleman, J., and Poll, assignors.)
Wetherby, Tracy C. (See Longwell, R. R., and Wetherby.)
Wetherby, Tracy C., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control system. 2,356,113; Aug. 15.
Wetherby, Tracy C., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control system. 2,356,114; Aug. 15.
Wetherby-Williams, Arthur V., New York, N. Y., and W. K. Sheffield, New London, Conn. Apparatus for filling and closing containers. 2,357,245; Aug. 29.
Wethmüller, Karl, Berlin-Baumschulenweg, Germany, assignor to General Electric Company. Current transformer. 2,349,782; May 23.
Wetsel, Carlton. (See Smith, E. L., and Wetsel.)
Wettengel, Frank L., Pittsburgh, Pa. Coil forming drum. 2,352,580; June 27.
Wettlaufer, John L., assignor to Dillon Patents Limited, Toronto, Ontario, Canada. Therapeutic vibrator. 2,349,837; May 30.
Wettstein, Albert. (See Miescher, K., and Wettstein.)
Wetzel, Theodore A. (See Thornbery, J. H., and Wetzel.)
Wetzler, Max E., Long Island City, N. J. Clamp. 2,339,897; Jan. 25.
Weyandt, Carl S., Homer City, Pa. Weighing conveyer. 2,340,030; Jan. 25.
Weyandt, Carl S., Homer City, Pa. Percussion tool. 2,354,723; Aug. 1.
Weyandt, Carl S., Homer City, Pa. Vibratory electric motor. 2,356,961; Aug. 29.
Weyandt, Carl S., Homer City, Pa. Weighing and feeding device. 2,366,075; Dec. 26.
Weydell, Jarl M., assignor of one-half to Edward E. Stout, Indianapolis, Ind. Dynamoelectric machine. 2,339,228; Jan. 11.
Weyer, Elliott R., New York, N. Y. Lamp shade. 2,363,374; Nov. 21.
Weyerhaeuser, Frederick, St. Paul, Minn., assignor to Rock Island Sash and Door Works, Rock Island, Ill. Manufacture of composite lumber and article therefor. 2,354,725; Aug. 1.
Weyerhaeuser Timber Company. (See Edwards, Miles L., assignor.)
Weyerhaeuser Timber Company. (See Palmrose, George V., assignor.)
Weyerts, Walter J. (See Jelley, E. E., and Weyerts.)
Weyerts, Walter J., assignor to Eastman Kodak Company, Rochester, N. Y. Motion picture sound record. 2,341,406; Feb. 8.
Weygand, Friedrich, Heidelberg, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. N-polyhydroxyalkyl-phenylamines and method for their preparation. 2,354,846; Aug. 1.

Weyhing, August L., assignor to E. A. Steinbock, Louisville, Ky. Casting machine. 2,347,013; Apr. 18.
Weyl, Woldemar A., State College, Pa., assignor to Monsanto Chemical Company. Copper ruby glass. 2,354,164; July 18.
Whalen, John T., New York, N. Y. Article support. 2,355,835; Aug. 15.
Whaley, Thomas H., Jr., Bartlesville, Okla., assignor to Phillips Petroleum Company. Automatic change-over device. 2,354,286; July 25.
Wharn, Jesse P., Los Angeles, assignor to Puett Electrical Starting Gate Corporation, Beverly Hills, Calif. Fluid control starting gate. 2,365,314; Dec. 19.
Wharn, Jesse P., Los Angeles, Calif., and J. Zumeta, Houston, Tex., assignors to Emsco Derrick & Equipment Company, Los Angeles, Calif. Replaceable liner construction for mud pumps. 2,345,370; Mar. 28.
Wharton, Samuel T., Jr. (See Sheehan, W. M., and Wharton, Jr.)
Wheadon, George H., Johnstown, N. Y. Glove. 2,349,533; May 23.
Wheadon, George H., Johnstown, N. Y. Glove. 2,359,068; Sept. 26.
Wheary, George H., Jr., Racine, Wis., assignor to Wheary, Incorporated. Hand luggage. 2,357,037; Aug. 29.
Wheary, Incorporated. (See Wheary, George H., Jr., assignor.)
Wheat, Edward F. (See Brewer, Danial, assignor.)
Wheat, James C., and C. U. North, assignors to Industrial Brownhoist Corporation, Bay City, Mich. Tractor crane construction. 2,339,731; Jan. 18.
Wheat, John P. (See Yarbrough, T. H., and Wheat.)
Wheatley, George, Imlay City, Mich., assignor to The General Tire & Rubber Company, Akron, Ohio. Retreading tires. 2,343,724; Mar. 7.
Wheatley, Thomas, Houston, Tex. Strainer. 2,342,774; Feb. 29.
Wheaton, A. W., Brass Works. (See Krone, H. C., and Meyer, assignors.)
Wheaton Brass Works. (See Krone, H. C., and Meyer, assignors.)
Wheaton Brass Works. (See Meyer, William, assignor.)
Wheaton, Estel O., assignor to Kelly-Wheaton Company, Toledo, Ohio. Electroforming method of producing dispensing tools. 2,351,568; June 13.
Wheaton, William A., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe manufacture. 2,340,632; Feb. 1.
Wheel Aligning Necessities, Inc. (See Castiglia, Biagis, assignor.)
Wheel Trueing Tool Company of Delaware. (See Petrie, John L., assignor.)
Wheelco Instruments Company. (See Cohen, T. A., and Ostermann, assignors.)
Wheelco Instruments Company. (See Ostermann, H. J., and Cohen, assignors.)
Wheeler, Arthur W., Alplaus, N. Y., assignor to General Electric Company. Heat treating nickel-chrome-tungsten alloy steels. 2,349,319; May 23.
Wheeler, Edwin F., Baltimore, Md. Pipe-bending tool. 2,356,716; Aug. 22.
Wheeler, Harley T., Dallas, Tex. Arch-bound polysegmental packing ring. 2,350,655; June 6.
Wheeler, Harold A., Great Neck, N. Y., assignor to Hazeltine Corporation. Rectifier system. 2,347,529; Apr. 25.
Wheeler, Harvey C. (See Atkins, Thomas V., assignor.)
Wheeler, Henry F., assignor of one-half to A. E. Gross, Richmond Heights, Mo. Wiping attachment for phonographs. 2,343,837; Mar. 7.
Wheeler, Henry H., Brooklyn, N. Y., assignor to International Cigar Machinery Company. Leaf cutting mechanism. 2,343,946; Mar. 14.
Wheeler, Henry H., Brooklyn, N. Y., assignor to International Cigar Machinery Company. Oscillating knife motor. 2,344,928; Mar. 21.
Wheeler, Henry H., Brooklyn, N. Y., assignor to International Cigar Machinery Company. Turret shaping machine for cigars. 2,349,320; May 23.
Wheeler, Henry H., Brooklyn, N. Y., assignor to International Cigar Machinery Company. Charge transfer. 2,353,424; July 11.
Wheeler, Henry H., Brooklyn, N. Y., assignor to International Cigar Machinery Company. Bunch softening and shaping mechanism for cigar machines. 2,356,636; Aug. 22.
Wheeler, Henry H., Brooklyn, N. Y., assignor to International Cigar Machinery Company. Binder transfer mechanism. 2,356,637; Aug. 22.
Wheeler, Henry H., Brooklyn, N. Y., assignor to International Cigar Machinery Company. Turret shaping machine for cigars. 2,357,369; Sept. 5.
Wheeler, Herbert P., Springfield, Mo. Ventilated closet bowl. 2,342,714; Feb. 29.
Wheeler Insulated Wire Company, The. (See Horn, George B., assignor.)
Wheeler Insulated Wire Company, The. (See Slepian, Arthur, assignor.)
Wheeler, James T., Atlanta, Ga. Nail driving device. 2,346,884; Apr. 18.
Wheeler, John N., Hawthorne, assignor to International Business Machines Corporation, New York, N. Y. Sorting machine. 2,343,268; Mar. 7.
Wheeler, Leslie T., et al. (See Brickley, James L., assignor.)
Wheeler, Lester B. (See Cannon, W. D., and Wheeler.)
Wheeler, Norton L., Tulsa, Okla. Apparatus for mixing dental cement. 2,354,626; July 25.
Wheeler, Ralph W., Cleveland, Ohio. Packaging potato chips. 2,348,509; May 9.
Wheeler, Sidney A., et al. (See Brickley, James L., assignor.)
Wheeler, Walter H., Jr., L. A. Thatcher, and F. J. Rouan, assignors to Pitney-Bowes Postage Meter Co., Stamford, Conn. Value printing die protection device. 2,350,853; June 6.
Wheeler, William R. (See Cislak, F. E., and Wheeler.)
Wheeler, William R. (See Merrill, L. K., and Wheeler.)
Wheeler, William H., New York, N. Y. Vehicle. 2,354,627; July 25.
Wheeling Steel Corporation. (See Robinson, William H., assignor.)
Wheelock, Frank H. (See Farmer, U. G., and Wheelock.)
Wheelock, John H., Fitzwilliam, N. H., and H. F. Cypeer, assignors to Signal Engineering & Manufacturing Company, New York, N. Y. Signal impulse sending system. 2,355,349; Aug. 8.
Wheelon, Orville A. (See Adams, H. W., and Wheelon.)
Whelan, Martin J., Glendale, Calif. Convection heater. 2,359,454; Oct. 3.
Wherry, Thomas C., Bartlesville, Okla., assignor to Phillips Petroleum Company. Fishing tool. 2,347,759; May 2.
Whewell, Robert, New Bedford, Mass., and A. Baner, Jr., Garden City, N. Y., assignors to United Merchants & Manufacturers, Inc., Wilmington, Del. Woven fabric. 2,359,953; Oct. 10.
Whipple, Ernest G., Stratford, Conn., assignor to Remington Arms Company, Inc. Projectile. 2,345,863; Apr. 4.
Whipple, Ernest G., Stratford, assignor to Remington Arms Company, Inc., Bridgeport, Conn. Trimming tool. 2,359,954; Oct. 10.
Whipple, Leon Y. (See Stein, J. A., and Whipple.)
Whisler, Ralph H., Jr., assignor to Monroe Auto Equipment Company, Monroe, Mich. Hydraulic shock absorber. 2,355,491; Aug. 8.
Whisler, Ralph H., Jr., assignor to Monroe Auto Equipment Company, Monroe, Mich. Shock absorber. 2,357,920; Sept. 12.
Whisler, Ralph H., Jr., assignor to Monroe Auto Equipment Company, Monroe, Mich. Shock absorber construction. 2,360,993; Oct. 24.
Whisler, Ralph H., Jr., and C. E. Read, Monroe, J. M. Nickelsen, Ann Arbor, Mich., and A. Boor, Toledo, Ohio, assignors to Monroe Auto Equipment Company, Monroe, Mich. Combination stabiliser strut and shock absorber. 2,360,748; Oct. 17.
Whistler, Lawrence V. and S. A., Kenmore, N. Y. Perforating punch and die assembly. Re. 22,422; Jan. 18.
Whistler, Lawrence V. and S. A., Kenmore, N. Y. Rim or flange perforating device. 2,340,162; Jan. 25.
Whistler, Lawrence V. and S. A., Kenmore, N. Y. Punch and die mechanism for forming knockouts. 2,350,004; May 30.
Whistler, Lawrence V. and S. A., Kenmore, N. Y. Perforating device. 2,350,436; June 6.
Whistler, Lawrence V. and S. A., Kenmore, N. Y. Punch and die assembly. 2,362,039; Nov. 7.
Whistler, Lawrence V. and S. A., Kenmore, N. Y. Punch and die assembly. 2,364,834; Dec. 12.
Whistler, Lawrence V. and S. A., Kenmore, N. Y. Shearing and forming knockouts. 2,364,835; Dec. 12.
Whistler, Sanford A. (See Whistler, Lawrence V. and S. A.)
Whistler's Picking Machine Company. (See Sandlin, Otis, assignor.)
Whitaker Battery Supply Company. (See Meyer, Harvey E., assignor.)
Whitaker, Carl F. (See Ashworth, F., and Whitaker.)
Whitaker, Clifford W., Fort Lewis, Wash. Film titler. 2,346,096; Apr. 4.
Whitaker, Uncas A., Brooklyn, N. Y., assignor to American Machine & Foundry Company. Detector for vibratory column cigarette feeds. 2,340,914; Feb. 8.
Whitaker, Uncas A., Brooklyn, N. Y., assignor to American Machine & Foundry Company. Cigarette detecting and correcting apparatus. 2,357,860; Sept. 12.
Whitcomb, Harry A., and John W. Patch, Welch, Okla. Dragline bucket. 2,338,831; Jan. 11.
Whitcomb Locomotive Company, The. (See McKamy, Paul E., assignor.)
White, Addison H. (See Biggs, B. S., Morgan, and White.)
White, Albert G. (See Caldwell, W. A., and White.)
White, Albert R., Glendale, Calif. Oil refiner pack casing. 2,341,888; Feb. 15.
White, Alfred B. (See Jennings, C. H., and White.)
White, Alfred B., Murrysville, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Arc welding system and arc welding. 2,340,093; Jan. 25.
White, Alfred B., Murrysville, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Welding system. 2,359,178; Sept. 26.
White, Alfred B., Murrysville, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Measuring system. 2,363,372; Nov. 21.
White, Alfred B., Murrysville, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Welding system. 2,365,611; Dec. 19.
White, Alfred B., Murrysville, and C. H. Jennings, Forest Hills, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Welding system. 2,365,612; Dec. 19.
White, Alfred B., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control apparatus. 2,365,610; Dec. 19.
White, Alfred H., Ann Arbor, Mich. Partial pyrolysis of wood and product of the same. 2,360,604; Oct. 17.
White, Arthur J., Cleveland Heights, Ohio, assignor to General Electric Company. Sealing-in method. 2,359,500; Oct. 3.
White, Arthur J., Cleveland Heights, Ohio, assignor to General Electric Company. Sealing-in apparatus. 2,359,501; Oct. 3.
White, Arthur J., Cleveland Heights, and A. J. Marshaus, East Cleveland, Ohio, assignors to General Electric Company. Sealing apparatus. 2,361,517; Oct. 31.
White, Blanch B. (See Seymour, George W., and White.)
White, Bond C., Bellefonte, Pa. Kitchen range. 2,352,239; June 27.
White, Burden W., assignor to Cheney Weeder Company, Cheney, Wash. Traction lift device. 2,361,074; Oct. 24.
White Cap Company. (See Davies, Lynn E., assignor.)
White Cap Company. (See Krueger, Ernest A., assignor.)
White Cap Company. (See White, Philip O., assignor.)
White Cap Company. (See White, William P., assignor.)
White, Charles B., Bronxville, and J. Winkler, Brooklyn, assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Opener for containers. 2,343,602; Mar. 7.
White, Charles E., Abington, assignor to Abington Textile Machinery Works, Boston, Mass. Traverse mechanism for card stripping apparatus. 2,365,654; Dec. 19.
White, Charles H., assignor to Deere & Company, Moline, Ill. Disk harrow. 2,338,698; Jan. 11.
White, Charles H., assignor to Deere & Company, Moline, Ill. Disk harrow. 2,339,124; Jan. 11.
White, Charles H., assignor to Deere & Company, Moline, Ill. Planter. 2,340,163; Jan. 25.
White, Charles H., assignor to Deere & Company, Moline, Ill. Trash clearer. 2,342,911; Feb. 29.
White, Charles H., assignor to Deere & Company, Moline, Ill. Tool lift mechanism. 2,351,172; June 13.
White, Charles H., assignor to Deere & Company, Moline, Ill. Furrow opener for planters and the like. 2,351,173; June 13.
White, Charles H., assignor to Deere & Company, Moline, Ill. Planter. 2,360,028; Oct. 10.
White, Charles H., assignor to Deere & Company, Moline, Ill. Differential gear. 2,364,411; Dec. 5.
White, Claron N., Chicago, Ill., and F. H. MacLaren, Munster, Ind., assignors to Standard Oil Company, Chicago, Ill. Lubricant. 2,339,898; Jan. 25.
White, Clayton F. A., Stelton, N. J., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Photography. 2,350,380; June 6.
White, Clayton, F. A., Stelton, N. J., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Color photography. 2,363,764; Nov. 28.
White, Clifford B., assignor to American-La France-Foamite Corporation, Elmira, N. Y. Foam generator powder. 2,355,935; Aug. 15.
White, David, Company. (See Armitage, J. B., (Rothweiler, and Salzer, assignors).)
White, David E. (See Steele, Bryant, assignor.)
White, Donald H., Wellesley Hills, Mass. Fastening device for safety pins and other pins. 2,351,569; June 13.
White, Eber B., assignor to The Studebaker Corporation, South Bend, Ind. Tool. 2,342,068; Feb. 15.
White, Ellis R. (See Van Ess, P. R., and White.)
White, Ellis R., Albany, assignor to Shell Development Company, San Francisco, Calif. Anti-ring-sticking lubricant. 2,351,380; June 13.
White, Ellis R., Albany, and E. L. Walters, assignors to Shell Development Company, San Francisco, Calif. Metal deactivators. 2,361,339; Oct. 24.
White, Emory O., Albertville, Ala. Double door bolt. 2,341,004; Feb. 8.
White, Emory O., Albertville, Ala. Punch press safety device. 2,360,994; Oct. 24.
White, Eric L. C., Chiswick, London, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Thermionic valve amplifier circuit arrangement. 2,358,428; Sept. 19.
White, Ernest H., Eaton Rapids, Mich. Fish pole holder and clamp. 2,341,065; Feb. 8.
White, Ezra L., Barre, Vt. Ornamentation. 2,349,065; May 16.
White, Frank L. (See Brooker, L. G. S., and White.)
White, Franklin J., East Orange, and G. H. Ridings, Summit, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Telegraph apparatus. 2,358,117; Sept. 12.
White, Fred L., assignor to The Osgood Company, Marion, Ohio. Boom hoist. 2,344,796; Mar. 21.
White, Fred L., assignor to The Osgood Company, Marion, Ohio. Control system for excavators. 2,355,252; Aug. 8.
White, George, Nuneaton, assignor to Courtaulds Limited, London, England. Wound package of yarn and method and mechanism for producing the same. 2,358,752; Sept. 19.
White, Gerald. (See Roesch, G. R., and White.)
White, Gerald, assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Apparatus for use in tempering glass. 2,343,490; Mar. 7.
White, Gerald, assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Apparatus for manufacturing bent, tempered sheets of glass. 2,347,382; Apr. 25.
White, Gilbert, Milwaukee, Wis. Bottle stopper. 2,355,492; Aug. 8.
White, Harold K. (See Moecker, H., Jr., Frick, Meacham, and White.)
White, Harry B., Wilmington, N. C. Life preserver. 2,355,614; Aug. 15.
White, Harry B., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,342,912; Feb. 29.
White, Harry B., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,352,504; June 27.
White, Harry Z., Buffalo, N. Y. Adjustable garment shaping form. 2,355,577; Aug. 8.
White, Herbert S., Brooklyn, N. Y. Illusion device. 2,359,069; Sept. 26.
White, James L. (See Hawker, H. W., and White.)
White, Jesse A., Peoria, Ill., assignor to Muirson Label Co., Inc., San Jose, Calif. Making registered duplicate-image multiple color printing plates. 2,348,944; May 16.
White, Joe, Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Time delay relay system. 2,352,353; June 27.
White, Joe, Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Motor control system. 2,359,400; Oct. 3.
White, John E. (See Faris, H. P., and White.)
White, John E. (See Slepian, J., and White.)
White, John H. (See Finch, O. J., and White.)
White, John S., St. Louis, Mo. Portable bullet shield. 2,362,040; Nov. 7.
White, John W. (See Roberts, P., and White.)
White, John W., assignor to Bendix Aviation Corporation, South Bend, Ind. Hydraulic steering stabilizer. 2,345,164; Mar. 28.
White, John W., assignor, by mesne assignments, to Bendix Aviation, Ltd., North Hollywood, Calif. Accumulator. 2,349,321; May 23.
White, John W., assignor, by mesne assignments, to Bendix Aviation, Ltd., North Hollywood, Calif. Accumulator. 2,349,322; May 23.
White, John W., Van Nuys, Calif., assignor to Bendix Aviation Corporation, South Bend, Ind. Fluid pressure cylinder. 2,345,165; Mar. 28.
White, John W., and R. R. Harrison, North Hollywood, Calif., assignors, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Forming tube clamps. 2,361,139; Oct. 24.
White, Lillian, New York, N. Y. Sleeve construction. 2,343,103; Feb. 29.
White, Loyd J., assignor to Southern Steel Company, San Antonio, Tex. Underground liquefied gas dispensing system. 2,357,777; Sept. 5.
White, Paul G., assignor to The Electric Controller & Manufacturing Company, Cleveland, Ohio. Limit switch and control system combination. Re. 22,525; Aug. 1.
White, Paul W., Fort Lauderdale, Fla., assignor to Parva Products Company, Chicago, Ill. One-piece buckle. 2,343,118; Feb. 29.
White, Paul W., Waterbury, Conn., assignor to Parva Products Company, Chicago, Ill. Adjustable strap and buckle therefor. 2,353,378; July 11.
White, Paul W., Waterbury, Conn., assignor to Parva Products Company, Chicago, Ill. Buckle. 2,361,895; Oct. 31.
White, Philip O., assignor to White Cap Company, Chicago, Ill. Package. 2,364,678; Dec. 12.
White, Richard J., assignor to American Can Company, New York, N. Y. Container. 2,347,724; May 2.
White, Richard J., assignor to American Can Company, New York, N. Y. Dust gun. 2,355,127; Aug. 8.
White, Robert C. (See Corwin, J. F., and White.)
White, Robert C., Bainbridge, assignor to The Borden Company, New York, N. Y. Bottle label adhesive. 2,351,309; June 13.
White, Robert H., Jr. (See Harvey, J. E., Jr., White, and Vaughan.)
White, S. S., Dental Manufacturing Company, The. (See Angell, Robert C., assignor.)
White, S. S., Dental Manufacturing Company, The. (See Gross, Charles V., assignor.)
White, S. S., Dental Manufacturing Company, The. (See Uhler, Wilmer P., assignor.)

White, Samuel O., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Transmission synchronizer. 2,339,969; Jan. 25.
White, Samuel O., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Synchronizing transmission. 2,364,331; Dec. 5.
White, Sidney Y., Wilmette, assignor to V. S. Johnson, Chicago, Ill.; A. Thomson, administrator of said V. S. Johnson. Frequency selective transmission network. 2,346,804; Apr. 18.
White, Spurgeon, Trinity, N. C. X box. 2,358,194; Sept. 12.
White, Stanley B. (See Melvin, G. C., and White.)
White, Stewart J., Jersey City, N. J., R. H. Simpson, Staten Island, N. Y., and E. Meola, assignors to Joseph Dixon Crucible Company, Jersey City, N. J. Adhesive applying mechanism. 2,345,227; Mar. 28.
White, Theodore G., by legal change of name. (See Welhs, Theodor G.)
White, Thomas, Cadillac, Mich. Potato and bean planter. 2,340,240; Jan. 25.
White, Walter L. (See White, Wiley L. and W. L.)
White, Wesley J., assignor to The Radiart Corporation, Cleveland, Ohio. Radio antenna. 2,341,401; Feb. 8
White, Wiley L. and W. L., Calwa, Calif.; said W. L. White assignor to Wiley L. White. Train order holding device. 2,363,214; Nov. 21.
White, William. (See Parra, J., and White.)
White, William E., Bethlehem, Pa., assignor to Bethlehem Steel Company. Clip. 2,355,767; Aug. 15.
White, William P., Glencoe, Ill., assignor to White Cap Company, Chicago, Ill. Closure cap and package. 2,339,927; Jan. 25
White, William P., Glencoe, Ill., assignor to White Cap Company, Chicago, Ill. Package and closure 2,365,737; Dec. 26.
Whitehead, Alice M., assignor to Dorothy Gray, Ltd., New York, N. Y. Container for cosmetic powders and other cosmetics. 2,344,577; Mar. 21.
Whitehead Bros. Rubber Company, The. (See Welger, Theodore A., assignor.)
Whitehead, Earl B., assignor to Normain Corporation, Norwich, Conn. Lunch box and blank. 2,352,927; July 4.
Whitehead, Earl B., assignor to Normain Corporation, Norwich, Conn. Bird cage. 2,364,836; Dec. 12.
Whitehead & Hoag Company, The. (See Draper, Harold W., assignor.)
Whitehead, Ned, Los Angeles, Calif. Identification card or badge. 2,361,670; Oct. 31.
Whitehead, Richard H., New Haven, Conn. Fuse. 2,361,518; Oct. 31.
Whitehead, Willard J., assignor to Woodward Governor Company, Rockford, Ill. Governor control for prime movers. 2,364,115; Dec. 5.
Whitehead, Willard J., assignor to Woodward Governor Company, Rockford, Ill. Governor control. 2,364,116; Dec. 5.
Whitehead, William, Rye, N. Y., assignor to Celanese Corporation of America. Preparing textile fabric. 2,338,792; Jan. 11.
Whitehead, William, Rye, N. Y., assignor to Celanese Corporation of America. Textile material. 2,342,231; Feb. 22.
Whitehead, William, Rye, N. Y., assignor to Celanese Corporation of America. Coated material. 2,351,174; June 13.
Whitehead, William, Rye, N. Y., and W. J. Elvin, Cumberland, Md., assignors to Celanese Corporation of America. Tinting mechanism. 2,351,729; June 20.
Whitehead, William, Rye, N. Y., assignor to Celanese Corporation of America. Coating process. 2,352,747; July 4.
Whitehill, David H., assignor to Whitehill Engineering Company, Wichita Falls, Tex. Reinforced concrete structure. 2,347,449; Apr. 25.
Whitehill Engineering Company. (See Whitehill, David H., assignor.)
Whitehouse, John N., Camden, N. J. Method and apparatus for making tubular articles. 2,339,211; Jan. 11.
Whiteley, Frank A., Minneapolis, Minn. Cooling air conditioner. 2,352,748; July 4.
Whiteley, James M., Jr., Aruba, Dutch West Indies, assignor to Standard Oil Development Company. Isomerization process. 2,344,890; Mar. 21.
Whiteley, James M., Jr., Aruba, Curacao, Netherlands West Indies, and C. S. Lynch, Plainfield, N. J., assignors to Standard Oil Development Company. Catalytic isomerization process. 2,353,098; July 4.
Whiteley, Kenneth E., Oak Park, assignor to Randall Graphite Products Corporation, Chicago, Ill. Making bushings for self-lubricating bearings. 2,350,854; June 6.
Whiteley, Robert H., Oak Park, assignor to Randall Graphite Products Corporation, Chicago, Ill. Liquid cooled bearing. 2,346,805; Apr. 18.
Whiteman, Marvin E., Los Angeles, Calif. Tamping roller. 2,340,031; Jan. 25.
Whitenack, Mirl E., assignor to Hurley Electronic Controls, Inc., Chicago, Ill. Control apparatus. 2,343,212; Feb. 29.
Whitenack, Mirl E., Chicago, Ill., assignor to Hurley Electronic Controls, Inc. Electric control. 2,359,955; Oct. 10.
Whitesell, John C., Jr., Merion, Pa., assignor to Edward G. Budd Manufacturing Co., Philadelphia, Pa. Inspection apparatus. 2,354,628; July 25.
Whitesell, John C., Jr., Norristown, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Automatic electrode dressing means. 2,357,038; Aug. 29.
Whiteside, W. O. (See Jarrett, Henry U., assignor.)
Whitesides, George W., Anchorage, Ky. Composition for coating concrete. 2,344,578; Mar. 21.
Whitesides, George W., Anchorage, Ky. Composition for coating concrete. 2,344,579; Mar. 21.
Whitfield, Joseph E., Hamilton, Ohio. Reversing valve. 2,345,780; Apr. 4.
Whitfield, Joseph E., Hamilton, Ohio. Bolt and lock nut. 2,355,253; Aug. 8.
Whitin, Herbert A., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Weft end holder for weft replenishing looms. 2,355,022; Aug. 1.
Whitin, Herbert A., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Vibration actuated pivoted thread holder for looms. 2,360,807; Oct. 17.
Whitin, Herbert A., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Thread holder operated by loom vibration. 2,361,340; Oct. 24.
Whitin Machine Works. (See Crockett, Frank L., assignor.)
Whitin Machine Works. (See Haggerty, E., Roy and Hargreaves, assignors.)
Whitin Machine Works. (See Hendrickson, Fred K., assignor.)
Whitin Machine Works. (See Theiler, Hans J., assignor.)
Whitin Machine Works. (See Truslow, J. L., and Thomas, assignors.)
Whiting Corporation. (See Bock, George E., assignor.)
Whiting Corporation. (See Brown, Arthur J., assignor.)
Whiting Corporation. (See McGlone, J. J., and Anderson, assignors.)
Whiting Corporation. (See Opie, John, assignor.)
Whiting Corporation. (See Pearl, William A., assignor.)
Whiting, E. B. & A. C., Company. (See Unsworth, Thomas A., assignor.)
Whiting, Leo R. (See Turkington, V. H., Whiting and Rankin.)
Whiting Milk Company. (See Barrett, Wilmer D., assignor.)
Whiting, Walter R., assignor to D. G. Burpee, Hingham, Mass. Safe-deposit vault. 2,356,804; Aug. 29.
Whiting, William S., Jr., assignor to Sonoco Products Company, Hartsville, S. C. Woodworking machine. 2,343,603; Mar. 7.
Whitlock, Fred W., assignor to Automatic Pump & Softener Corporation, Rockford, Ill. Hydrogen ion exchange apparatus. 2,351,648; June 20.
Whitlock, Fred W., U. S. Army, Aberdeen, Md. Measuring device. 2,355,128; Aug. 8.
Whitman, Helen, administratrix. (See Whitman, Stewart C.)
Whitman, Stewart C., deceased, late of New York, N. Y., by Helen Whitman, New York, N. Y., administratrix. Apparatus for irradiating liquids. 2,338,387; Jan. 4.
Whitman, Stewart C., deceased, late of New York, N. Y., by Helen Whitman, New York, N. Y., administratrix. Irradiating tube. 2,338,388; Jan. 4.
Whitman, Stewart C., deceased, New York, N. Y.; H. Whitman, administratrix. Electric hair-waving device. 2,344,908; Mar. 21.
Whitman, Stewart C., deceased, by H. Whitman, New York, N. Y., administratrix. Irradiating refrigerator and the like. 2,347,307; Apr. 25.
Whitmer, Albert C., Columbus, Ohio. Machine for recording and registering business transactions. 2,352,817; July 4.
Whitmer, Albert C., Columbus, Ohio. Record keeping apparatus. 2,362,788; Nov. 14.
Whitmore, Max C., Chicago, Ill. Hydraulic power transmission pump or motor. 2,362,602; Nov. 14.
Whitmore, Robert M., assignor to The National Cash Register Company, Dayton, Ohio. Magazine loading means. 2,362,109; Nov. 7.
Whitmyer, Roy H., Patchogue, N. Y. Container. 2,357,246; Aug. 29.
Whitney, Charles S., Jr. (See Haselton, M. L., and Whitney.)
Whitney, Charles S., Jr. (See Unkles, E. H., Roth, and Whitney.)
Whitney, David B., Waterbury, Conn. Cap screw. 2,353,531; July 11.
Whitney, Loren L. (See Aurien, R. G., and Whitney.)
Whitney Metal Tool Company. (See Jensen, John, assignor.)
Whitney, Ralph T., Irwin, and F. E. Miller, Swissvale, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Piston construction. 2,342,775; Feb. 29.
Whitney, Willis R. (See Gordon, N. T., and Whitney.)
Whitney, Willis R., Schenectady, N. Y., assignor to General Electric Company. Apparatus and method for purifying water. 2,340,721; Feb. 1.
Whitsitt, William G., Nashville, Tenn. Molding apparatus. 2,342,440; Feb. 22.

Whitson, Delmar A., Los Angeles, Calif., assignor to Whitson Photophone Corporation. Method of and apparatus for reproducing sound. 2,361,581; Oct. 31.
Whitson Photophone Corporation. (See Whitson, Delmar A., assignor.)
Whittaker, Alexander R., New York, N. Y., assignor, by mesne assignments, to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Fluid meter. 2,338,152; Jan. 4.
Whittaker, Alexander R., New York, N. Y., assignor to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Fluid meter. 2,338,609; Jan. 4.
Whittaker, Charles C., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control system. 2,340,094; Jan. 25.
Whittaker, Charles E., Galt, and G. G. Slough, St. Catharines, Ontario, Canada. Terry warp stop motion. 2,355,129; Aug. 8.
Whittaker, Donald, Northwich, England, assignor to Imperial Chemical Industries Limited. Halogenated polythenes. 2,364,410; Dec. 5.
Whittaker, Edward H., Jersey City, N. J. Foundry plant. 2,338,153; Jan. 4.
Whittaker, Edward H., Jersey City, N. J. Transporting equipment for molten metal. 2,340,915; Feb. 8.
Whittaker, Edward H., Jersey City, N. J. Conveying mechanism for foundry plants. 2,340,916; Feb. 8.
Whittaker, Edward H., Jersey City, N. J. Shakeout station. 2,341,584; Feb. 15.
Whittaker, Edward H., Jersey City, N. J. Sand reconditioning and retempering apparatus. 2,347,226; Apr. 25.
Whittaker, Edward H., Jersey City, N. J. Flask charging and molding machine. 2,353,207; July 11.
Whittaker, Harry, et al. (See Ford, Frank J., assignor.)
Whittaker, Henry C., Memphis, Tenn. Hair curling and wave device. 2,349,895; May 30.
Whittaker, John D. (See Van Horn, O. F., and Whittaker.)
Whittaker, John D., Babylon, N. Y., assignor, by mesne assignments, to M. M. Bilofsky, Newark, N. J. Lighting installation. 2,344,935; Mar. 21.
Whittaker, Lloyed E., Los Angeles, assignor to Technicolor Motion Picture Corporation, Hollywood, Calif. Reversible magazine cinematographic apparatus. 2,341,402; Feb. 8.
Whittaker, Lloyed E., Los Angeles, assignor to Technicolor Motion Picture Corporation, Hollywood, Calif. Control apparatus for cinematographic machines, etc. 2,341,889; Feb. 15.
Whittaker, Lloyed E., Los Angeles, assignor to Technicolor Motion Picture Corporation, Hollywood, Calif. Belt-pinning machine. 2,356,291; Aug. 22.
Whitted, John B., Evanston, assignor to Stewart-Warner Corporation, Chicago, Ill. Automatic heater control valve. 2,347,142; Apr. 18.
Whitted, John B., Evanston, assignor to Stewart-Warner Corporation, Chicago, Ill. Windshield wiper. 2,353,205; July 11.
Whitted, John B., Glencoe, assignor to Stewart-Warner Corporation, Chicago, Ill. Electric windshield wiper. 2,357,152; Aug. 29.
Whittel, Otto, assignor to Eastman Kodak Company, Rochester, N. Y. Recording apparatus. 2,364,412; Dec. 5.
Whitten, Eugene, et al., trustees. (See Ross, Talbert C., assignor.)
Whitten, James L. (See Allen, A. E., and Whitten.)
Whitten, James L., Rocky River, Ohio, assignor to The Brown Instrument Company, Philadelphia, Pa. Strip mill control. 2,343,392; Mar. 7.
Whitten, James L., Lakewood, Ohio, assignor to The Brown Instrument Company, Philadelphia, Pa. Strip mill control. 2,360,995; Oct. 24.
Whittenton, James M., Swampscott, Mass., assignor to General Electric Company. Photometer. 2,346,529; Apr. 11.
Whittier, William A., Kenilworth, and J. B. Stucker, assignors to The Pure Oil Company, Chicago, Ill. Composition useful as additive to mineral oil lubricants and preparing and using the same. 2,348,044; May 2.
Whittier, William A., Kenilworth, and J. B. Stucker, assignors to The Pure Oil Company, Chicago, Ill. Extreme pressure lubricant. 2,352,818; July 4.
Whittington, James A., Evanston, Ill. Burner. 2,349,323; May 23.
Whitworth, Fairchild, Fairfield, assignor to Sprague Meter Company, Bridgeport, Conn. Relief means for pressure regulators. 2,347,586; Apr. 25.
Wibmer, Martin D., P. P. Atkins, and E. G. M. Holbrow, London, England. Optical projection apparatus. 2,365,613; Dec. 19.
Wichorek, Edmund F. (See Roth, J. M., and Wichorek.)
Wichorek, Edmund F., Cleveland, Ohio, assignor to Pesco Products Co. Pump shaft seal assembly. 2,365,146; Dec. 12.
Wichterman, Samuel P., Donora, Pa. Valve mechanism. 2,357,986; Sept. 12.
Wick, Mary L., University City, Mo. Shopper's bag. 2,349,025; May 16.
Wickens, Edward F., Phillipsburg, N. J., assignor to Ingersoll-Rand Company, New York, N. Y. Locking device. 2,365,031; Dec. 12.
Wickerham, Lynferd J. (See Ward, G. E., Wickerham, Pettijohn, and Lockwood.)
Wickerham, William R., Swissvale, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Synchronous motor control. 2,338,557; Jan. 4.
Wickes, Henry W., Grosse Ile Township, Wayne County, Mich. Aptitude tester. 2,341,678; Feb. 15.
Wickesser, Arthur. (See de Giers, C. A., and Wickesser.)
Wickham, Parker B. (See Gibbs, T. B., Brown, and Wickham.)
Wickman, A. C., Limited. (See Somerville, Thomas W. and W., and Blackburn, assignors.)
Wickwire, Arthur M., Jr., Mountain Lakes, N. J., assignor to Interchemical Corporation, New York, N. Y. Making intaglio cylinders. 2,338,558; Jan. 4.
Wickwire, Arthur M., Jr., Mountain Lakes, N. J., assignor, by mesne assignments, to The Fred Goat Co., Inc., New York, N. Y. Rotary intaglio printing press. 2,348,870; May 16.
Wickwire, Arthur M., Jr., Mountain Lakes, and A. P. Bamford, Millburn, N. J., assignors, by mesne assignments, to The Fred Goat Co., Inc., Brooklyn, N. Y. Stacking apparatus. 2,345,645; Apr. 4.
Wico Electric Company. (See Harmon, Kenneth A., assignor.)
Wico Electric Company. (See Harmon, K. A., and Smart, assignors.)
Widdis, Emmett E., North Muskegon, Mich., assignor to The Brunswick-Balke-Collender Company, Chicago, Ill. Bowling ball drilling fixture. 2,349,394; May 23.
Widiger, Alexander H., Jr. (See Stoesser, W. C., and Widiger.)
Widiger, Alexander H., Jr., assignor to The Dow Chemical Company, Midland, Mich. Preparation of phenothiazine. 2,360,295; Oct. 10.
Widmayer, John J., Washington, D. C. Plastic floor. 2,356,138; Aug. 22.
Widmer, Gustav, Basel, and W. Fisch, Binningen, Switzerland, assignors, by mesne assignments, to Ciba Products Corporation, Dover, Del. Treatment of textile materials. 2,350,139; May 30.
Widoe, Frederick, Omaha, Nebr. Brake shoe tool. 2,360,459; Oct. 17.
Wieczorek, Boleslaw J., Detroit, Mich. Tap and reamer wrench. 2,346,097; Apr. 4.
Wiedemann, Anthony J., Madison, N. J. Coin collector and amusement structure. 2,345,781; Apr. 4.
Wiedemann, Hans, West New York, assignor to Keuffel & Esser Company, Hoboken, N. J. Drafting machine. 2,347,625; Apr. 25.
Wieden, Herbert J., Los Angeles, Calif., assignor to Preco Incorporated. Adjustable partition for cars and the like. 2,360,029; Oct. 10.
Wiederhold, Oscar, Hyattsville, Md. Vehicle glare shield and operating means therefor. 2,340,722; Feb. 1.
Wiederkehr, Robert, Erlenbach, assignor to Akeiengesellschaft Fuer Technische Studien, Zurich, Switzerland. Metal pipe. 2,341,066; Feb. 8.
Wiedman, Edward L., Tonawanda, N. Y. Snowplow. 2,350,437; June 6.
Wiedmann, Ernest H., San Diego, Calif. Universal tool grinding machine. 2,349,324; May 23.
Wiegand, David E. (See Lehman, E. J., Wiegand, and Fenwick.)
Wiegand, Edwin L., Company. (See Horsfield, Basil, assignor.)
Wiegand, Edwin L., assignor to Orefraction Incorporated, Pittsburgh, Pa. Processing of materials. 2,361,253; Oct. 24.
Wiegand, Francis J., Ridgewood, N. J., assignor to Wright Aeronautical Corporation. Nozzle for liquid discharge. 2,338,888; Jan. 11.
Wiegand, Frank H., Pasadena, Calif., assignor to American Telephone and Telegraph Company. Telephone system. 2,360,749; Oct. 17.
Wiegand, Gene M. (See Crawford, J., and Wiegand.)
Wiegand, William B., Old Greenwich, Conn., and L. J. Venuto, assignors to Binney & Smith Co., New York, N. Y. Carbon black and making same. Re. 22,454; Mar. 7.
Wiegratz, John, Kempton, W. Va. Vegetable grater. 2,347,383; Apr. 25.
Wiekert, Heye, Beason, Ill. Sweep rack. 2,361,341; Oct. 24.
Wieking, William C. (See Huck, W. F., and Wieking.)
Wieking, William C., Woodhaven, assignor to R. Hoe & Co., Inc., New York, N. Y. Web supply mechanism. 2,344,952; Mar. 28.
Wieland, George A., Duluth, Minn. Water supply system. 2,341,517; Feb. 15.
Wiese, Eleanor K., executrix. (See Wiese, Floyd M.)
Wiese, Eric W., Lower North Adelaide, South Australia, assignor to W. Queale, Glen Osmond, Australia. Absorption refrigerator of the continuous type. 2,361,075; Oct. 24.
Wiese, Floyd M., deceased, by E. K. Wiese, Elizabeth, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Time-measuring equipment. 2,362,425; Nov. 7.
Wiese, Herbert K. (See Robey, R. F., and Wiese.)
Wiesner, Arthur W. A., Cameron, Wis. Portable support for electric hand drills. 2,341,969; Feb. 15.
Wiessner, Alfred. (See Herzog, R., Wiessner, Hintze, and Gutzmann.)

Wiest, Georg, Ludwigshafen-on-the-Rhine, Germany; vested in the Alien Property Custodian. Conversion of ketoximes into acid amides. 2,351,381; June 13.
Wigal, Voorhis F., New England, W. Va. Gyroscopic toy. 2,364,117; Dec. 5.
Wigelsworth, Arthur E., Los Angeles, assignor to Anabolic Food Products, Inc., Glendale, Calif. Apparatus for dehydrating vegetable materials. 2,340,633; Feb. 1.
Wigges, Mehemet. (See Shmidl, A. J., and Wiggen.)
Wiggermann, Georg, Gladbach-Rheydt, Germany; vested in the Alien Property Custodian. Warping machine. 2,359,365; Aug. 22.
Wiggins, Alpha M., Princeton, N. J., assignor to Radio Corporation of America. Mechanical impedance measuring device. 2,355,194; Aug. 8.
Wiggins, John H., Chicago, Ill. Folding ladder and shiftable platform for floating type tank roofs 2,341,890; Feb. 15.
Wiggins, John H., Chicago, Ill. Antirotational mechanism for floating tank roofs. 2,350,483; June 6.
Wiggins, John H., Chicago, Ill. Inverted siphon drain for tank roofs. 2,351,850; June 20.
Wiggins, John H., Chicago, Ill. Top seal for floating tank roof side wall shoes. 2,354,629; July 25.
Wiggins, John H., Chicago, Ill. Gas holder. 2,363,565; Nov. 28.
Wigglesworth, Albert W., Miami Beach, Fla., and E. R. Moss, assignors to Hill-Clarke Machinery Co., Chicago, Ill. Variable speed mechanism for machine tools. 2,344,434; Mar. 14.
Wight, Sedgwick N., assignor to General Railway Signal Company, Rochester, N. Y. Airplane dispatching system. 2,344,759; Mar. 21.
Wight, Sedgwick N., assignor to General Railway Signal Company, Rochester, N. Y. Coded track circuit signaling system. 2,352,987; July 4.
Wight, Sedgwick N., and O. S. Field, assignors to General Railway Signal Company, Rochester, N. Y. Airplane dispatching system. 2,344,760; Mar. 21.
Wight, Sedgwick N., and O. S. Field, assignors to General Railway Signal Company, Rochester, N. Y. Airway traffic control system. 2,344,761; Mar. 21.
Wigod, Simon, New York, N. Y., assignor to L. Schissel, Flushing, N. Y. Clothes-drying rack. 2,360,089; Oct. 10.
Wiken, Christy A., assignor, by mesne assignments, to Delta Manufacturing Company, Milwaukee, Wis. Drill press. 2,360,921; Oct. 24.
Wikkenhauser, Gustav, near Wells, England. Electrical power supply system. 2,359,886; Oct. 10.
Wikoff, Helen L., Columbus, Ohio. Production of low temperatures. 2,342,991; Feb. 29.
Wikoff, Ralph, Indianapolis, Ind. Locomotive storm window. 2,353,863; July 18.
Wiksten, Carl J., St. Joseph, Mo. Mechanical paintbrush cleaner. 2,354,898; Aug. 1.
Wikstrom, Agnar, Boston, Mass. Lock nut. 2,342,317; Feb. 22.
Wilber, David T. (See Christalidi, P. S., Steadman, and Wilber.)
Wilbet, Paul F., Richland, N. Y. Automatic phonograph. 2,354,899; Aug. 1.
Wilbot, Oscar J. (See Guthrie, R. G., and Wilbor.)
Wilbot, Oscar J., and J. T. Misiak, assignors to Chicago By-Products Corporation, Chicago, Ill. Ore separator. 2,360,808; Oct. 17.
Wilbur, Donald A. (See Touceda, E. G., and Wilbur.)
Wilbur, Donald A., assignor to W. & L. E. Gurley, Troy, N. Y. Frequency indicating system. 2,366,076; Dec. 26.
Wilbur, Ralph H., Melrose, Mass. Tie band, label, and similar article. 2,338,749; Jan. 11.
Wilbur, Ralph H., Melrose, assignor to The Tudor Press, Inc., Boston, Mass. Perpetual calendar and memorandum. 2,346,342; Apr. 11.
Wilckens, Eibe A. (See Goebel, G., and Wilckens.)
Wilckens, Eibe A., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Article shaking mechanism. 2,356,021; Aug. 15.
Wilckens, Kurt W., assignor to Heinemann Circuit Breaker Company, Trenton, N. J. Circuit breaker. 2,360,922; Oct. 24.
Wilco Company. (See Martin, Andrew M., assignor.)
Wilcock, Clifford C., Salford, assignor to Courtaulds Limited, London, England. Dyeing of textile fibers. 2,347,143; Apr. 18.
Wilcolator Company, The. (See Burch, Lyndon W., assignor.)
Wilcolator Company, The. (See Parkhurst, Malcolm K., assignor.)
Wilcolator Company, The. (See Parkhurst, M. K., and Burch, assignors.)
Wilcox, Albert C., Chicago, Ill. Vibrator. 2,346,465; Apr. 11.
Wilcox, Donald F. (See Ruthruff, R. F., and Wilcox.)
Wilcox-Gay Corporation, The. (See Gay, Paul S., assignor.)
Wilcox, Howard M., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Fluid blast circuit breaker. 2,340,095; Jan. 25.
Wilcox, Isaac L., and R. F. Huntley, assignors to Oswego Falls Corporation, Fulton, N. Y. Container cap. 2,356,493; Aug. 8.
Wilcox, James F., Schenectady, N. Y., assignor to General Electric Company. Electric circuit. 2,352,988; July 4.
Wilcox, James F., Scotia, and E. W. Kenefake, Schenectady, N. Y., assignors to General Electric Company. Reactive electron discharge circuits. 2,363,918; Nov. 28.
Wilcox, Richard L., assignor to The Waterbury Farrell Foundry and Machine Company, Waterbury, Conn. Trip mechanism. 2,359,815; Oct. 10.
Wilcoxson, Henry V., Lubbock, Tex. Internal combustion engine. 2,350,005; May 30.
Wilcoxson, Leslie S., Ridgewood, assignor to The Babcock & Wilcox Company, Newark, N. J. Apparatus for the recovery of heat and chemicals from waste liquor. 2,354,175; July 18.
Wild, Albert F., Scotia, N. Y., assignor to General Electric Company. Butter conditioner. 2,363,375; Nov. 21.
Wild-Barfield Electric Furnaces Limited. (See Haywood, Frederick W., assignor.)
Wild, George P. (See Kabens, Fred T., assignor.)
Wild, Wilfred, Elmhurst, N. Y. Inner closure for containers. 2,358,270; Sept. 12.
Wilde, Arthur, et al. (See Groves, Martin V., assignor.)
Wilde, Edgar D. (See Taylor, R. G., Jr., and Wilde.)
Wildeboor, Frank W., Independence, and M. A. Doughty, Kansas City, Mo. Lawn mower. 2,340,849; Feb. 8.
Wilder, Lot S. (See Vittum, P. W., and Wilder.)
Wildermuth, Richard, Stuttgart-Bad-Cannstatt, Germany; vested in the Alien Property Custodian. Screw gauge. 2,341,679; Feb. 15.
Wildhaber, Ernest, Brighton, assignor to Gleason Works, Rochester, N. Y. Method and machine for producing gears. 2,342,232; Feb. 22.
Wildhaber, Ernest, Brighton, assignor to Gleason Works, Rochester, N. Y. Gear cutter. 2,346,806; Apr. 18.
Wildhaber, Ernest, Brighton, assignor to Gleason Works, Rochester, N. Y. Cutting gears. 2,346,807; Apr. 18.
Wildhaber, Ernest, Brighton, assignor to Gleason Works, Rochester, N. Y. Cutting gears. 2,357,153; Aug. 29.
Wildhaber, Ernest, and A. L. Stewart, Brighton, and A. Fumia, assignors to Gleason Works, Rochester, N. Y. Method and apparatus for dressing grinding wheels. 2,366,139; Dec. 26.
Wildman, Jack H., San Francisco, Calif. Tire protector device. 2,356,292; Aug. 22.
Wildman, Loyd A., Charleston, W. Va. Photographic developing and washing apparatus. 2,349,026; May 16.
Wildman, Loyd A., Charleston, W. Va. Photographic developing apparatus. 2,349,027; May 16.
Wildman, Loyd A., Charleston, W. Va. Photographic washing apparatus. 2,349,028; May 16.
Wildt and Company Limited. (See Holmes, Henry H., assignor)
Wildt and Company, Limited. (See Holmes, H. H., and Hurd, assignors.)
Wildt and Company, Limited. (See Holmes, H. H., and Saunders, assignors.)
Wildt and Company Limited. (See Wildt, E., Holmes, and Hurd, assignors.)
Wildt, Edwin, H. H. Holmes, and J. C. H. Hurd, assignors to Wildt and Company Limited, Leicester, England. Machine for producing knitted fabric. 2,362,041; Nov. 7.
Wildy, Eric L., and A. J. Sands, Westminster, London, England. Die structure. 2,366,077; Dec. 26.
Wiles, Harold O. (See Maurer, S., and Wiles.)
Wiles, Ivor W., et al. (See Wiles, Richard M. and J. K., assignors.)
Wiles, James K. (See Wiles, Richard M. and J. K.)
Wiles, John C., et al. (See Wiles, Richard M. and J. K., assignors.)
Wiles, Richard M. and J. K., assignors to R. M., J. K., J. C., and I. W. Wiles, all of Adelaide, South Australia, Australia. Boiler for steam cookers or the like. 2,339,212; Jan. 11.
Wiles, Richard M. and J. K., assignors to themselves and to J. C. and I. W. Wiles, Adelaide, South Australia, Australia. Steam field kitchen. 2,354,630; July 25.
Wiles, Zelma L., Rockford, Ill. Hair cutting guide. 2,347,587; Apr. 25.
Wiley, Arthur L. (See Shackelford, W. G., and Wiley.)
Wiley, George G., assignor to Streeter-Amet Company, Chicago, Ill. Traffic counting apparatus. 2,340,634; Feb. 1.
Wiley, George G., assignor to Streeter Amet Company, Chicago, Ill. Diaphragm switch. 2,362,874; Nov. 14.
Wiley, James W. (See Duffy, D. H., Wiley, and Ross.)
Wiley, Lee M., Marion, Ind. Fibrous-covered container. 2,350,950; June 6.
Wiley, Lee M., assignor of one-third to J. T. Lett and one-third to R. B. Wiley, Marion, Ind. Pulp product production. 2,348,272; May 9.
Wiley, Lee M., assignor of one-third to J. T. Lett and one-third to R. B. Wiley, Marion, Ind. Sheet pulp container forming apparatus. 2,348,871; May 16.
Wiley, Lee M., assignor of one-third to J. T. Lett, and one-third to R. B. Wiley, Marion, Ind. Sheet pulp container male die apparatus. 2,354,564; July 25.
Wiley, Ralph M., assignor to The Dow Chemical Company, Midland, Mich. Making fibrous pads or mats. 2,338,610; Jan. 4.

Wiley, Ralph M., assignor to The Dow Chemical Company, Midland, Mich. Fabricating vinylidene chloride polymers. 2,348,772; May 16.
Wiley, Reeley B., et al. (See Wiley, Lee M., assignor.)
Wiley, Richard H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of dialkyl peroxides. 2,357,298; Sept. 5.
Wilfert, Karl, Sindelfingen, Germany; vested in the Alien Property Custodian. Elastic suspension of axle aggregates. 2,357,370; Sept. 5.
Wilfert, Karl, Sindelfingen, and B. Barényi, Vaihingen-Rohr, Germany; vested in the Alien Property Custodian. Wheel suspension. 2,344,380; Mar. 14.
Wilfert, Karl, Sindelfingen, and B. Barényi, Boblingen, Germany; vested in the Alien Property Custodian. Springing of motor cars. 2,352,053; June 20.
Wilfert, Karl, Sindelfingen, and B. Barényi, Vaihingen-Rohr, Germany; vested in the Alien Property Custodian. Movable connection of a vehicle body with the chassis or an axle aggregate. 2,352,054; June 20.
Wilgus, Joseph F., Elizabeth, N. J., assignor to American Can Company, New York, N. Y. Container making machine. 2,347,227; Apr. 25.
Wilhelm, Edward A. (See Boyles, R. R., and Wilhelm.)
Wilhelm, Edward A., St. Paul, Minn. Priming system for centrifugal pumps. 2,349,029; May 16.
Wilhelm, George M., New York, N. Y. Switchboard implement. 2,355,195; Aug. 8.
Wilhelm, Harold F., Orange, N. J. Wire sawing. 2,351,175; June 13.
Wilhelm, Kurt E., Providence, R. I., assignor to United States Rubber Company, New York, N. Y. Golf ball. 2,360,090; Oct. 10.
Wilhelm, Loomis G. (See Trickey, W. W., and Wilhelm.)
Wilhelm, Paul, Waterbury, Conn. Lens grinding machine. 2,357,154; Aug. 29.
Wilhoit, Joseph D., Chicago, Ill., and N. F. Huber, Louisville, Ky. Airplane landing gear. 2,338,699; Jan. 11.
Wilhoit, Joseph D., Chicago, Ill., and N. F. Huber, Louisville, Ky. Variable-speed shaving implement. 2,338,700; Jan. 11.
Wilkening Manufacturing Company. (See Engelhardt, Carl F., assignor.)
Wilkening Manufacturing Company. (See Loeb, William S., assignor.)
Wilkenson, Erik A. and P. T. Faxén, assignors to Svenska Aeroplan Aktiebolaget, Linkoping, Sweden. Pressure gauge of the aneroid type for pressure measuring in gas or liquid. 2,365,923; Dec. 26.
Wilkerson, Jefferson R., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical timing circuit. 2,342,318; Feb. 22.
Wilkie, John B., Silver Spring, Md., dedicated to the free use of the people in the territory of the United States. Device for use as microammeters and potentiometers. 2,355,406; Aug. 8.
Wilkie, Leighton A., Des Plaines, Ill. Sailboat. 2,364,578; Dec. 5.
Wilkins, Howard W. (See Weber, J. A., and Wilkins.)
Wilkins, Walter D., Lubbock, Tex. Spray nozzle. 2,338,273; Jan. 4.
Wilkinson, Albert R. J., Twickenham, assignor of one-half to E. Richardson, Richmond, Surrey, England. Eccentric driving gear. 2,357,247; Aug. 29.
Wilkinson, Bernard, assignor to Wilkinson Rubber Linatex Limited, London, England. Hose pipe. 2,364,332; Dec. 5.
Wilkinson, Bernard, G. D. Ingram, and H. Waumsley; said Wilkinson assignor to Wilkinson Rubber Linatex Limited, and said Ingram and said Waumsley assignors to J. G. Ingram & Son Limited, London, England. Manufacture of rubber in sheet or crepe form and of rubber articles. 2,358,195; Sept. 12.
Wilkinson, Donald G. (See Giles, C. H., and Wilkinson.)
Wilkinson, Francis C. W., Farnham Common, England. Condenser and similar tubes and their joints. 2,354,900; Aug. 1.
Wilkinson, Hall W., San Jose, Calif. Eye pad. 2,365,032; Dec. 12.
Wilkinson, James W., Ann Arbor, Mich., assignor to Fram Corporation. Oil filter. 2,354,238; July 25.
Wilkinson, Kenneth J. R. (See Mortlock, J. R., Wilkinson, and Carter.)
Wilkinson, Margaret C., Wellesley Hills, Mass. Safety device for infants. 2,342,069; Feb. 15.
Wilkinson, N., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Fluid-cooled dynamoelectric machine. 2,338,154; Jan. 4.
Wilkinson Rubber Linatex Limited. (See Wilkinson, Bernard, assignor.)
Wilkinson Rubber Linatex Limited, et al. (See (Wilkinson, B., assignor), Ingram, and Waumsley.)
Wilks, Roy C., Nathalia, Victoria, Australia. Tuning means for radio receivers and the like. 2,364,764; Dec. 12.
Will, Alexander M. S., Buckhurst Hill, assignor of one-third to A. J. Hughes, Chigwell Row, Essex, and one-third to Henry Hughes & Son Limited, London, England. Hydrometric apparatus. 2,342,441; Feb. 22.
Willaman, John J., Plymouth Meeting, and C. H. Hills, Philadelphia, Pa., assignors to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Preparation of pectase. 2,358,429; Sept. 19.
Willaman, John J., Plymouth Meeting, H. H. Mottern, and C. H. Hills, Philadelphia, Pa., and G. L. Baker, Newark, Del., assignors to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Preparing pectinate. 2,358,430; Sept. 19.
Willamette Hyster Company. (See Johnson, George V., assignor.)
Willamette Hyster Company. (See Shoemaker, Robert C., assignor.)
Willamette Iron & Steel Corporation. (See Pointer, Robert W., assignor.)
Willard, Frank E., Dallas, Tex. Variable pitch propeller. 2,342,442; Feb. 22.
Willard, Gerald W., Fanwood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Light modulating apparatus and method. 2,345,441; Mar. 28.
Willard, Ralph S., Glendale, assignor to Sunlite Fruit Juices Ltd., Hollywood, Calif. Preserving fresh food products. 2,365,924; Dec. 26.
Willard, Robert G., and W. H. Van Benschoten, U. S. Navy. Aircraft selector. 2,349,325; May 23.
Willard Storage Battery Company. (See Endress, C. H., and Pucher, assignors.)
Willard Storage Battery Company. (See Sears, Richard E., assignor.)
Willcox, George B. (See Tulloch, William A., assignor.)
Willcox & Gibbs Sewing Machine Company. (See Cumfer, Donald A., assignor.)
Wille, Emilie A., Mount Prospect, Ill. Container cover. 2,346,631; Apr. 11.
Willenbruch, Walter. (See Heffner, W. B., and Willenbruch.)
Willens, Robert A. A., London, England, assignor to Celanese Corporation of America. Timing mechanism. 2,338,221; Jan. 4.
Willert, Leon E. (See Glaser, J. P., and Willett.)
Willett, Sydney E., and S. H. Edge, assignors to Clayton Dewandre Company Limited, Lincoln, England. Vacuum operated servomotor. 2,358,753; Sept. 19.
Willetts, Elwood H., assignor, by mesne assignments, to Willys-Overland Motors, Inc., Toledo, Ohio. Trailer. 2,354,344; July 25.
Willey, Benjamin F. (See Lindsay, F. K., and Willey.)
Willey, Walter E., assignor to The Emerson Electric Mfg. Company, St. Louis, Mo. Exhaust fan. 2,355,836; Aug. 15.
Willheim, François, Vinay, France; vested in the Alien Property Custodian. Typewriting machine. 2,349,483; May 23.
Williams, Alfred L. W., Cleveland Heights, assignor to The Brush Development Company, Cleveland, Ohio. Relay. 2,365,738; Dec. 26.
Williams, Alfred O., Battle Creek, assignor to Clark Equipment Company, Buchanan, Mich. Brake support. 2,342,992; Feb. 29.
Williams, Alfred O., Battle Creek, assignor to Clark Equipment Company, Buchanan, Mich. Spring unit. 2,356,962; Aug. 29.
Williams, Alfred O., Battle Creek, assignor to Clark Equipment Company, Buchanan, Mich. Truck brake. 2,365,369; Dec. 19.
Williams, Allan E. (See Olstad, Martin H., and Williams, assignors.)
Williams, Austin D. (See McCormick, G., Griffith, Carter, Williams, and McCormick, S. and T. T.)
Williams, Benjamin M., St. Louis, Mo., and F. L. Rushing, Tampa, Fla., assignors to Gaylord Container Corporation, St. Louis, Mo. Container. 2,355,578; Aug. 8.
Williams, Benjamin M., St. Louis, Mo., and F. L. Rushing, Tampa, Fla., assignors to Gaylord Container Corporation, St. Louis, Mo. Container. 2,357,155; Aug. 29.
Williams, Beverly E., assignor to Industrial Patents Corporation, Chicago, Ill. Treatment of animal carcasses. 2,341,199; Feb. 8.
Williams, Bradlee W. and H. S., assignors to Tech Equipment Company, Chicago, Ill. Cardiometric apparatus. 2,346,098; Apr. 4.
Williams, Bradlee W. and H. S., assignors to Tech Equipment Company, Chicago, Ill. Cardiometric apparatus. 2,352,874; July 4.
Williams, Bradlee W. and H. S., assignors to Tech Equipment Company, Chicago, Ill. Cardiometric apparatus. 2,352,875; July 4.
Williams Brothers. (See Sir, Bernard F.)
Williams, Burdell S., Dayton, Ohio, assignor to Chrysler Corporation, Detroit, Mich. Cooling unit. 2,340,164; Jan. 25.
Williams, Carl B., Jr., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Cutting machine. 2,345,166; Mar. 28.
Williams, Carl E., West Middlesex, Pa. Camouflage material. 2,362,786; Nov. 14.
Williams, Charles, Antioch, Nebr. Beehive mover. 2,358,431; Sept. 19.
Williams, Charles E., Logan, Iowa. Toy crane and attachments. 2,361,159; Oct. 24.
Williams, Charles M., assignor to Detroit Lubricator Company, Detroit, Mich. Metering valve. 2,358,040; Sept. 12.

Williams, Charles W., Cleveland, Ohio, assignor to Automatic Safety Wringer Company. Wringer. 2,350,381; June 6.
Williams, Claud H. (See Swim, L. C., and Williams.)
Williams, Clifton S. (See Brace, P. H., and Williams.)
Williams, Clifton S., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electromagnetic-inspection system. 2,349,687; May 23.
Williams, Darrell E. (See McCawley, Alvin E., assignor.)
Williams, David, et al. (See Sir, Bernard F., assignor.)
Williams, David M., assignor to Western Cartridge Company, New Haven, Conn. Piston means for gas-operated firearms. 2,341,005; Feb. 8.
Williams, David M., assignor to Western Cartridge Company, New Haven, Conn. Piston means for gas-operated firearms. 2,341,690; Feb. 15.
Williams, David M., assignor to Western Cartridge Company, New Haven, Conn. Takedown firearm. 2,345,083; Mar. 28.
Williams, David M., assignor to Western Cartridge Company, New Haven, Conn. Gas-operated self-loading firearm. 2,346,954; Apr. 18.
Williams, David M., assignor to Western Cartridge Company, New Haven, Conn. Firearm with sling strap. 2,350,484; June 6.
Williams, David M., assignor to Western Cartridge Company, New Haven, Conn. Firearm construction. 2,353,800; July 18.
Williams, David M., assignor to Western Cartridge Company, New Haven, Conn. Gas-operated self-loading firearm. 2,355,768; Aug. 15.
Williams, David M., assignor to Western Cartridge Company, New Haven, Conn. Cartridge-deflecting means for repeating firearms. 2,355,769; Aug. 15.
Williams, David M., assignor to Western Cartridge Company, New Haven, Conn. Firing mechanism for firearms. 2,361,519; Oct. 31.
Williams, David M., and W. C. Roemer, assignors to Western Cartridge Company, New Haven, Conn. Gas-operated automatic firearm. 2,348,872; May 16.
Williams, Edwin N., et al. (See Sir, Bernard F., assignor.)
Williams, Elmo H., Altadena, Calif. Dehydrator. 2,361,894; Oct. 31.
Williams, Ethel B., et al. (See Coen, Joseph C., assignor.)
Williams, Francis A., Toronto, Ontario, Canada. Collapsible tube. 2,341,835; Feb. 15.
Williams, Frank B. and H. E., Carthage, Mo. Elastic padding support. 2,341,254; Feb. 8.
Williams, Fred, et al. (See Sir, Bernard F., assignor.)
Williams, George K., Port Pirie, South Australia, Australia. Apparatus for forming porous beds of finely divided material. 2,358,754; Sept. 19.
Williams, George T., and W. F. Story, Jr., assignors to National Screen Company, Incorporated, Suffolk, Va. Window screen clip. 2,351,570; June 13.
Williams, Harold E. (See Williams, Frank B. and H. E.)
Williams, Harold K., Moline, Ill. Building construction. 2,354,901; Aug. 1.
Williams, Harold W., Nutley, assignor to Westinghouse Electric Elevator Company, Jersey City, N. J. Elevator control system. 2,359,179; Sept. 26.
Williams, Henry C., North Hollywood, Calif. Autographic register ticket for cleaners and dyers. 2,343,919; Nov. 28.
Williams, Henry E. (See Downey, T. B., and Williams.)
Williams, Herbert P., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Radio system for landing aircraft. 2,344,070; Mar. 14.
Williams, Hiram A., and H. A. Baumer, assignors to Stackpole Carbon Company, St. Marys, Pa. Combined volume control and switch. 2,341,750; Feb. 15.
Williams, Homer S. (See Williams, Bradlee W. and H. S.)
Williams, Howard O., Minneapolis, and A. A. Jens, assignors to Edward E. Johnson, Incorporated, St. Paul, Minn. Deep well screen. 2,342,913; Feb. 29.
Williams, Howard O., Minneapolis, and A. A. Jens, assignors to Edward E. Johnson, Incorporated, St. Paul, Minn. Deep well screen. 2,342,914; Feb. 29.
Williams, Howard O., Minneapolis, and A. A. Jens, assignors to Edward E. Johnson, Incorporated, St. Paul, Minn. Deep well screen. 2,344,909; Mar. 21.
Williams, Howard O., Minneapolis, and A. A. Jens, assignors to Edward E. Johnson, Incorporated, St. Paul, Minn. Deep well screen. 2,346,885; Apr. 18.
Williams, Ira, Borger, Tex., assignor to Sgoda Corporation, Huber, Ga. Bleaching clay. 2,339,594; Jan. 18.
Williams, Ira, Borger, Tex., and N. Milliman, Macon, assignors to Sgoda Corporation, Huber, Ga. Bleaching clay. 2,339,595; Jan. 18.
Williams, Ira, and R. B. Takewell, assignors to J. M. Huber Corporation, Borger, Tex. Producing carbon black. 2,361,802; Oct. 31.
Williams, Ira, Borger, Tex., B. M. Sturgis, Pitman, N. J., and J. J. Verbanc, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of 2-mercapto-thiazoline. 2,364,399; Dec. 5.
Williams, James H. (See Ericks, W. P., and Williams.)
Williams, James H., Riverside, Conn., assignor to American Cyanamid Co., New York, N. Y. Azo dye of the pyrazolone type. 2,343,234; Feb. 29.
Williams, John C., et al. (See Sir, Bernard F., assignor.)
Williams, John G., Indianapolis, Ind., assignor to General Motors Corporation, Detroit, Mich. Dynamic balancer. 2,359,180; Sept. 26.
Williams, John J., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Sealing machine. 2,343,104; Feb. 29.
Williams, John M. (See Delfoe, E. F., and Williams.)
Williams, Joseph R., North Plainfield, assignor to Ransome Concrete Machinery Company, Plainfield, N. J. Protected internal bearing for concrete mixers. 2,348,945; May 16.
Williams, Josiah H., Baltimore, Md. Apparatus for making glass building blocks. 2,353,532; July 11.
Williams, Judson, Philadelphia, Pa. Cylinder and piston and producing a working seal therebetween. 2,358,271; Sept. 12.
Williams, Kenneth R., et al. (See Coen, Joseph C., assignor.)
Williams, Lawrence S. (See Marshall, C. O., and Williams.)
Williams, Lawrence S., assignor to Toledo Scale Company, Toledo, Ohio. Projection system. 2,343,621; Mar. 7.
Williams, Lawrence S., assignor to Toledo Scale Company, Toledo, Ohio. Weighing scale. 2,343,622; Mar. 7.
Williams, Lawrence S., assignor to Toledo Scale Company, Toledo, Ohio. Weighing scale. 2,343,623; Mar. 7.
Williams, Lawrence S., assignor to Toledo Scale Company, Toledo, Ohio. Weighing scale. 2,348,374; May 9.
Williams, Lawrence S., assignor to Toledo Scale Company, Toledo, Ohio. Weighing scale. 2,348,375; May 9.
Williams, Lawrence S., assignor to Toledo Scale Company, Toledo, Ohio. Chart. 2,353,099; July 4.
Williams, Lawrence S., assignor to Toledo Scale Company, Toledo, Ohio. Percentage indicating scale. 2,355,350; Aug. 8.
Williams, Lawrence S., assignor to Toledo Scale Company, Toledo, Ohio. Weighing scale. 2,359,721; Oct. 3.
Williams, Lawrence S., assignor to Toledo Scale Company, Toledo, Ohio. Weighing scale. 2,364,837; Dec. 12.
Williams, Leo C. (See Baker, L., and Williams.)
Williams, Lester H., Green Lake, Wis. Apparel rack. 2,358,118; Sept. 12.
Williams, Lorraine L., Pulaski, Va. Holder for boring bars. 2,363,215; Nov. 21.
Williams, Louise N., Raleigh, N. C. Adjustable head rest. 2,347,859; May 2.
Williams, Lynn A., Jr. (See Heymann, S. E., McCollum, and Williams.)
Williams, Lynn A., Jr. (See McCollum, H. J. D., and Williams.)
Williams, L. H. (See Buford, William J., assignor.)
Williams and Marcus Company. (See Cox, George D., assignor.)
Williams, Maurice T., et al. (See Hicks, Carl G., assignor.)
Williams, Maurice T. (See Naeher, P., and Williams.)
Williams, Milton, Houston, Tex., assignor to Standard Oil Development Company. Gravel packing of wells. 2,365,033; Dec. 12.
Williams, Milton, Houston, Tex., assignor to Standard Oil Development Company. Increasing oil production and decreasing water production of wells. 2,366,078; Dec. 26.
Williams, Norman D. (See Backoff, W. J., and Williams.)
Williams, Norman D. (See Backoff, W. J., Williams, O'Loughlin, Moir, and Yule.)
Williams Oil-O-Matic Heating Corporation. (See Wiser, Hubert J., assignor.)
Williams, Ollin W., and L. E. Brown, Greggton, Tex. Well tester. 2,338,369; Jan. 4.
Williams, Philip H., Santa Clara, Calif. Switch. 2,357,440; Sept. 5.
Williams, Ralph E., et al. (See Hicks, Carl G., assignor.)
Williams, Richard H., Jr. (See Lasich, B., and Williams.)
Williams, Richard H., Jr., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Time delay relay. 2,341,349; Feb. 8.
Williams, Richard N., St. Louis, Mo. Building material. 2,358,550; Sept. 19.
Williams, Richard R. (See Kellner, F. H., and Williams.)
Williams, Robert A., assignor to Ditto, Incorporated, Chicago, Ill. Pressure compensator for duplicating machines. 2,363,766; Nov. 28.
Williams, Robert L., Newton, assignor to Submarine Signal Company, Boston, Mass. Submarine signaling. 2,360,923; Oct. 24.
Williams, Robert L., Newton, assignor to Submarine Signal Company, Boston, Mass. Apparatus for submarine signaling. 2,364,679; Dec. 12.
Williams, Robert R., Summit, N. J., and J. K. Cline, Birmingham, Ala., assignors to Research Corporation, New York, N. Y. Pyrimidine compounds. 2,350,263; May 30.
Williams, Robert R., Summit, N. J., and J. K. Cline, Birmingham, Ala., assignors to Research Corporation, New York, N. Y. Pyrimidine compounds. 2,350,264; May 30.
Williams, Robert R., Summit, N. J., and J. K. Cline, Birmingham, Ala., assignors to Research Corporation, New York, N. Y. Pyrimidine compounds. 2,350,265; May 30.

Williams, Robert W., Baton Rouge, La., assignor to Standard Oil Development Company. Recovery of finely divided solid materials. 2,356,717; Aug. 22.
Williams, Roger. (See Ellsworth, Harold D., assignor.)
Williams, Roy M., and G. J. Kramer, Niles, Ohio. Ice cream can hold-down unit. 2,340,723; Feb. 1.
Williams, Sophia O., Chicago, Ill. Diacetone composition. 2,353,209; July 11.
Williams, Sophia O., Chicago, Ill. Noncorrosive diacetone composition. 2,353,210; July 11.
Williams, Sumner H., Charlotte, N. C. Apparatus for treating material. 2,364,838; Dec. 12.
Williams, Theodore O., Los Angeles, Calif. Battery terminal connector. 2,357,567; Sept. 5.
Williams, Thomas H. (See Soderquist, L. E., and Williams.)
Williams, Thomas L., New York, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of fabrics. 2,365,315; Dec. 19.
Williams, Victor G., Toronto, Ontario, Canada. Packaging machine. 2,351,382; June 13.
Williams, Villor P., Chicago, Ill. Shoe heel. 2,357,281; Aug. 29.
Williams, W. D. (See Balz, Emil H., Kassay, and Williams.)
Williams, Walter B., assignor to Nu-Grain Co., Glendale, N. Y. Liquid dispensing apparatus. 2,339,366; Jan. 18.
Williams, Walter W., Cleveland, Ohio. Luminous knitting needle. 2,341,403; Feb. 8.
Williams, Walter W., Bloomington, Ill. Oil float operated switch. 2,346,886; Apr. 18.
Williams, Walter W., Chicago, Ill. Refrigerating apparatus. 2,356,638; Aug. 22.
Williams, Wayne H., Bristol, Va. Casket. 2,350,084; May 30.
Williams, William, Columbus, Ohio. Tire deflation signal. 2,358,370; Sept. 19.
Williams, William D. (See Kassay, A. W., Balz, and Williams.)
Williams, William E., Ojai, Calif. Holder for visitors' memoranda. 2,358,041; Sept. 12.
Williams, William H. (See Condon, R. S., and Williams.)
Williams, William J., assignor to Pioneer Fanning Mill Company, Minneapolis, Minn. Grain treating machine. 2,360,460; Oct. 17.
Williams, William M. (See Naeher, P., and Williams.)
Williams, William V. H., Norfolk, Va. Electric machine control. 2,357,568; Sept. 5.
Williams, William W. (See Brooker, L. G. S., and Williams.)
Williamson, Clarence, Garden City, Mich. Poultry dressing device. 2,350,656; June 6.
Williamson, Donald E., Ann Arbor, Mich. Tracer mechanism. 2,345,022; Mar. 28.
Williamson, Hilding V., assignor, by mesne assignments, to Reconstruction Finance Corporation, Chicago, Ill. Fire extinguisher discharge apparatus. 2,354,631; July 25.
Williamson, Hilding V., assignor, by mesne assignments, to Reconstruction Finance Corporation, Chicago, Ill. Fire extinguishing method and apparatus. 2,357,039; Aug. 29.
Williamson, Hilding V., assignor, by mesne assignments, to Reconstruction Finance Corporation, Chicago, Ill. Fire extinguishing method and apparatus. 2,357,040; Aug. 29.
Williamson, Hilding V., assignor, by mesne assignments, to Reconstruction Finance Corporation, Chicago, Ill. Liquid level gauge. 2,361,440; Oct. 31.
Williamson, James L., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Sharpening flat top gear shaping cutters. 2,354,165; July 18.
Williamson, James L., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Finishing gears. 2,362,787; Nov. 14.
Williamson, James O., Medicine Hat, Alberta, Canada. Weeder. 2,340,917; Feb. 8.
Williamson, Larkin R. (See Smith, L. H., and Williamson.)
Williamson, Larkin R., assignor to E. W. Bliss Company, Brooklyn, N. Y. Shear. 2,341,494; Feb. 8.
Williamson, Larkin R., Brooklyn, N. Y., assignor to H. H. Pinney, Cleveland, Ohio. Siphon inlet. 2,344,011; Mar. 14.
Williamson, Larkin R., Brooklyn, N. Y., assignor to E. W. Bliss Company. Brake and clutch operating mechanism. 2,344,526; Mar. 21.
Williamson, Leon S. (See Le Gro, M. L., and Williamson.)
Williamson, Marshall I., New York, N. Y. Box, carton, or similar device. 2,345,646; Apr. 4.
Williamson, Marshall I., New York, N. Y., assignor to National Folding Box Company, New Haven, Conn. Telescopic container. 2,354,239; July 25.
Williamson, Marshall I., assignor to Wedglok Corporation, New York, N. Y. Releasable joinder lock. 2,354,726; Aug. 1.
Williamson, Marshall I., New York, N. Y., assignor to National Folding Box Company, New Haven, Conn. Telescopic box. 2,361,984; Nov. 7.
Williamson, Marshall I., New York, N. Y., assignor to National Folding Box Company, New Haven, Conn. Container with collapsible closure. 2,365,739; Dec. 26.
Williamson, William, San Francisco, assignor to Marine Specialty Company, Incorporated, Long Beach, Calif. Fire extinguishing nozzle. 2,359,455; Oct. 3.
Williford, H. L. (See Reynolds, William R., assignor.)
Willihnganz, Eugene. (See Stewart, A., and Willihnganz.)
Willing, Joseph E., assignor to General Railway Signal Company, Rochester, N. Y. Primary battery depolarizing system. 2,355,351; Aug. 8.
Willis, Bernard D., deceased, Oak Park, by W. W. Owen, executor, Elgin, Ill., assignor to Automatic Electric Laboratories, Inc. Automatic switch. 2,340,445; Feb. 1.
Willis, Bernard D., Oak Park, Ill., assignor to Automatic Electric Laboratories, Inc. Telephone system and apparatus. 2,345,167; Mar. 28.
Willis, Bernard D., deceased, Oak Park, by W. W. Owen, executor, Elgin, Ill., assignor to Automatic Electric Laboratories, Inc. Indicating system. 2,355,332; Aug. 8.
Willis, Bernard D., deceased, Oak Park, by W. W. Owen, executor, Elgin, Ill., assignor to Automatic Electric Laboratories, Inc. Automatic switching system. 2,358,196; Sept. 12.
Willis, Bernard D., deceased, Oak Park; by W. W. Owen, Elgin, Ill., executor, assignor to Automatic Electric Laboratories, Inc. Signaling system. 2,360,296; Oct. 10.
Willis, Bernard D., deceased, Oak Park, by W. W. Owen, Elgin, Ill., executor, assignor to Automatic Electric Laboratories, Inc. Telegraph system. 2,361,342; Oct. 24.
Willis, Clodius H., Princeton, N. J., assignor to General Electric Company. Electric valve apparatus. 2,361,254; Oct. 24.
Willis, Clodius H., Princeton, N. J., and M. A. Edwards, Scotia, N. Y., assignors to General Electric Company. Electric valve circuits. 2,359,181; Sept. 26.
Willis, Daniel M., Palo Alto, Calif. Coiffure pin. 2,360,184; Oct. 10.
Willkie, Herman F., Prospect, assignor to J. E. Seagram & Sons, Inc., Shively, Ky. Distilling spirituous liquors. 2,358,272; Sept. 12.
Willman Bronze-Aluminum Company, The. (See Brocklebank, Alfred E., assignor.)
Willmann, Hans H., Berlin-Charlottenburg, Germany, assignor to Westingbouse Electric & Manufacturing Company, East Pittsburgh, Pa. Thermal switching device. 2,347,014; Apr. 18.
Willoughby, Lively B., assignor to Ballard & Ballard Company, Incorporated, Louisville, Ky. Article assembling and feeding machine. 2,345,310; Mar. 28.
Willoughby, Mark E., Superior, Wis. Torch support. 2,341,751; Feb. 15.
Willoughby, Victor. (See McBride, J. J., Schroeder, and Willoughby.)
Wills, Barton, assignor to Lock Joint Pipe Company, East Orange, N. J. Apparatus for applying plastic coatings. 2,352,749; July 4.
Wills, Walter P., assignor to The Brown Instrument Company, Philadelphia, Pa. Control apparatus. 2,352,143; June 20.
Willson, Corwin D., Flint, Mich. Suspension system for vehicles. 2,346,123; Apr. 4.
Willson, Edward A., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Treatment of synthetic rubber latex. 2,357,861; Sept. 12.
Willson, Ernest J. (See Roosa, Vernon D., assignor.)
Willson Products, Inc. (See McCormick, William E., assignor.)
Willys-Overland Motors, Inc. (See Peters, Otto A., assignor.)
Willys-Overland Motors, Inc. (See Roos, Delmar G., assignor.)
Willys-Overland Motors, Inc. (See Willetts, Elwood H., assignor.)
Wilmanns, Gustav. (See Fröhlich, A., Schneider, and Wilmanns.)
Wilmington Fibre Specialty Company. (See Müller, Ferdinand H., assignor.)
Wilmor Novelty Co. (See Ferber, Hyman, assignor.)
Wilms, Gustav O., and A. J. Dawe, assignors to Allen-Bradley Company, Milwaukee, Wis. Magnetic actuator. 2,360,750; Oct. 17.
Wilsey, Irven H., deceased, Chicago, Ill; R. A. Wilsey, executrix. Dispensing machine. 2,359,182; Sept. 26.
Wilsey, Irven H., deceased, Chicago, Ill; R. A. Wilsey, executrix. Dispensing machine. 2,359,183; Sept. 26.
Wilsey, Ruth A., executrix. (See Wilsey, Irven H.)
Wilske, Julius E. (See McLaughlin, J. E., Wilske, and McCormick.)
Wilson, Alexander L., Pittsburgh, Pa., assignor to Carbide and Carbon Chemicals Corporation. Emulsion. 2,349,326; May 23.
Wilson, Alexander L., Sharpsburg, Pa., assignor to Carbide and Carbon Chemical Corporation. Substituted glyoxalidines. 2,355,837; Aug. 15.
Wilson, Alexander L., Sharpsburg, Pa., assignor to Carbide and Carbon Chemicals Corporation. Aminoalkylation of nitrogen derivatives. 2,364,178; Dec. 5.
Wilson, Alfred D., Westbrook, Maine, assignor to S. D. Warren Company, Boston, Mass. Preparation of alkaline earth pigments and coating compositions. 2,345,311; Mar. 28.

Wilson, Alfred D., Westbrook, Maine, assignor to S. D. Warren Company, Boston, Mass. Treating pigment, and product. 2,346,243; Apr. 11.
Wilson, Allen B. (See MacChesney, C. M., and Wilson.)
Wilson, Allen B. (See Stuart, K., and Wilson.)
Wilson, Allen B., Evanston, assignor to Acme Steel Company, Chicago, Ill. Method of and apparatus for forming Venetian blind slats. 2,338,678; Jan. 4.
Wilson, Allen B., Evanston, Ill., assignor, by mesne assignments, of one-half to K. Stuart and one-half to E. R. B. Stuart, Menasha, Wis. Reinforcing rim and making it. 2,342,715; Feb. 29.
Wilson, Asbury G., et al. (See Wilson, John R., assignor.)
Wilson Athletic Goods Mfg. Co. (See Turner, Archibald J., assignor.)
Wilson & Bennett Manufacturing Co. (See Brewton, Robert L., assignor.)
Wilson & Bennett Manufacturing Co. (See Davey, Clarence P., assignor.)
Wilson Cabinet Company. (See Markley, Richard, Jr., assignor.)
Wilson, Carroll J. (See Smith, W. M., and Wilson.)
Wilson, Carroll J. (See Wasson, J. L., and Wilson.)
Wilson, Charles C., Mount Vernon, N. Y., assignor to Ward Leonard Electric Company. Time delay relay. 2,358,898; Sept. 26.
Wilson, Charles H., Pelham, assignor to Wilson Mechanical Instrument Co., Inc., New York, N. Y. Hardness testing indenter. 2,361,441; Oct. 31.
Wilson, Charles K., Fairfield, Conn., assignor to Dictaphone Corporation, New York, N. Y. Current regulator for phonograph. 2,339,721; Jan. 18.
Wilson, Charles N., Fort Belvoir, Va., assignor to the United States of America, represented by the Secretary of War. Interlocking grating panel. 2,365,233; Dec. 19.
Wilson, Charles V. (See Allen, C. F. H., and Wilson.)
Wilson, Charlotte E., et al. (See Randall, Arthur F., assignor.)
Wilson, Chester E. (See Jenkins, V. N., and Wilson.)
Wilson, Chester E., San Pedro, assignor to Union Oil Company of California, Los Angeles, Calif. Modified lubricating oils. 2,361,803; Oct. 31.
Wilson, Chester E., San Pedro, assignor to Union Oil Company of California, Los Angeles, Calif. Lubricating composition. 2,361,804; Oct. 31.
Wilson, Chester E., San Pedro, assignor to Union Oil Company of California, Los Angeles, Calif. Lubricating composition. 2,361,805; Oct. 31.
Wilson, Clarence W., Norco, assignor to California Fruit Growers Exchange, Los Angeles, Calif. Lubricant for metalworking. 2,343,036; Feb. 29.
Wilson & Co. (See Verbeck, Bruno J., assignor.)
Wilson & Co. Inc. (See Bowers, William W., assignor.)
Wilson, Crawford L., Beckley, W. Va. Device for centering shafts, drills, or the like. 2,365,986; Dec. 26.
Wilson, Cyril D., Metuchen, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Color photography using azole color formers. 2,359,274; Sept. 26.
Wilson, Donald P., St. Louis Park, assignor to McQuay, Inc., Minneapolis, Minn. Radiator. 2,357,156; Aug. 29.
Wilson, Edwin A. (See Shack, I., and Wilson.)
Wilson, Ernest S., assignor to Hercules Powder Company, Wilmington, Del. Handling rosin size. 2,341,302; Feb. 8.
Wilson, Frank, Boone, Iowa. Chain hook. 2,346,099; Apr. 4.
Wilson, Frank H. (See Cooper, Hugh S., assignor.)
Wilson, Frederick E. and L. F., Buffalo, N. Y. Fluid pumping or feeding device. 2,345,693; Apr. 4.
Wilson, Gardiner C., assignor to Armstrong Cork Company, Lancaster, Pa. Injection molding machine. 2,339,443; Jan. 18.
Wilson, George, Carlton, Oreg. Crop divider. 2,365,790; Dec. 26.
Wilson, Gerald A., and L. E. Spencer, Detroit, Mich. Surgical stitching apparatus. 2,344,071; Mar. 14.
Wilson, Golder P., Alton, assignor to Western Cartridge Company, East Alton, Ill. Processing of metal strip. 2,349,569; May 23.
Wilson, Harold M., assignor to Metals & Controls Corporation, Attleboro, Mass. Thermostat. 2,338,474; Jan. 4.
Wilson, Harry. (See Lindsey, W. L., and Wilson.)
Wilson, Howard, Lockport, Ill., assignor to The Texas Company, New York, N. Y. Combination catalytic and thermal cracking. 2,361,671; Oct. 31.
Wilson, Howard A., Los Angeles, Calif., deceased; L. A. Wilson, administratrix. Tapping machine. 2,356,438; Aug. 22.
Wilson, Ira L., Warren, Ohio. Cleaning tool. 2,343,604; Mar. 7.
Wilson, John, Exhall, Coventry, England. Tool post. 2,366,079; Dec. 26.
Wilson, John C., Bayside, N. Y., assignor to Hazeltine Corporation. Color-television signal-translating stage. 2,343,825; Mar. 7.
Wilson, John H., Bay Shore, N. Y. Projectile. 2,358,899; Sept. 26.
Wilson, John M., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Transformer. 2,343,725; Mar. 7.
Wilson, John R., et al. (See Wilson, John R., assignor.)
Wilson, John R., Penn Township, Allegheny County, assignor, by mesne assignments, to A. G., J. R., and T. F. Wilson, Wilkinsburg, Pa., co-partners trading as Hanlon & Wilson Company. Tube type flash boiler water heating device. 2,348,668; May 9.
Wilson-Jones Company. (See Janovsky, Rudolph, assignor.)
Wilson-Jones Company. (See Pitt, William P., assignor.)
Wilson, Joseph G., Oakland, assignor to Shell Development Company, San Francisco, Calif. Purifying solutizer solutions. 2,351,467; June 13.
Wilson, Joseph H., San Diego, Calif. Floor waxing and polishing machine. 2,358,119; Sept. 12.
Wilson, Ladd L., Oxford, Ohio, assignor to Norristown Magnesia & Asbestos Co., Plymouth, Norristown, Pa. Collapsible conduit. 2,352,876; July 4.
Wilson, Lawrence F. (See Wilson, Frederick E. and L. F.)
Wilson, Lee, Engineering Company. (See Allen, A. E., and Whitten, assignors.)
Wilson, Leon T., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Thermally controlled resistor. 2,352,056; June 20.
Wilson, Lillian A., administratrix. (See Wilson, Howard A.)
Wilson, Margaret, Raleigh, N. C. Protecting tubers against decay. 2,348,946; May 16.
Wilson Mechanical Instrument Co. (See Wilson, Charles H., assignor.)
Wilson Mechanical Instrument Co. (See Sklar, David F., assignor.)
Wilson, Melvin A., Cuyahoga Falls, assignor to Wingfoot Corporation, Akron, Ohio. Filling tires one hundred per cent with water. 2,343,838; Mar. 7.
Wilson, Milo C. (See Davidson, V. D., and Wilson.)
Wilson, Milo C., Corpus Christi, Tex. Cement retainer. 2,338,370; Jan. 4.
Wilson, Oliver W., New York, N. Y., and W. D. Foster, Washington Township, Bergen County, N. J.; said Wilson assignor to said Foster. Film handling apparatus. 2,351,088; June 13.
Wilson, Philip J., Jr. (See Wells, J. H., and Wilson.)
Wilson, Philip J., Jr., and J. H. Wells, Pittsburgh, Pa., assignors to Carnegie-Illinois Steel Corporation. Preparing methyl pyridines suitable for conversion into nicotine derivatives. 2,349,896; May 30.
Wilson, Ralph W., Houston, A. Long, Jr., Wichita Falls, Tex., and M. T. Randolph, Tulsa, Okla., assignors to National Lead Company. Method and apparatus for detecting gas in well drilling fluids. 2,341,160; Feb. 8.
Wilson, Ray. (See Wagner, F. W., and Wilson.)
Wilson, Ray O., assignor of one-third to A. A. Behm and one-third to L. A. Irish, Los Angeles, Calif. Apparatus for applying tread rubber to tires. 2,362,180; Nov. 7.
Wilson, Robert, assignor to Toronto Type Foundry Company, Limited, Toronto, Ontario, Canada. Spraying device. 2,360,627; Oct. 17.
Wilson, Robert F. (See Atlee, Z. J., and Wilson.)
Wilson, Robert F., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Bullet resisting tube. 2,339,548; Jan. 18.
Wilson, Robert F., and W. L. Klingman, assignors to The Firestone Tire & Rubber Company, Akron, Ohio. Inner tube and making the same. 2,354,442; July 25.
Wilson, Robert G., Brooklyn, assignor, by mesne assignments, to Anton Smit & Co. Inc., New York, N. Y. Method and apparatus for casting diamond studded tools. 2,340,785; Feb. 1.
Wilson, Robert G., Long Beach, Calif. Casting apparatus. 2,364,179; Dec. 5.
Wilson, Robert G., Long Beach, Calif. Casting apparatus. 2,364,180; Dec. 5.
Wilson, Samuel I. (See Connell, R., and Wilson.)
Wilson, Theodore F., et al. (See Wilson, John R., assignor.)
Wilson, Thomas C., Inc. (See Schott, Donald E., assignor.)
Wilson, Tom, Baltimore, Md., assignor to Bethlehem Steel Company. Apparatus for polishing wire. 2,349,897; May 30.
Wilson, William, Astoria, Oreg. Anchor. 2,359,538; Oct. 3.
Wilson, William, New York, assignor of one-half to J. M. Roschko, Brooklyn, N. Y. Nonoffset spraying device. 2,339,899; Jan. 25.
Wilson, William G. (See Calvin, F. O., Wilson, and Smith.)
Wilson, William R. (See Brueckner, Frederick F., assignor.)
Wilson, William R., Kansas City, Mo. Display pencil. 2,347,144; Apr. 18.
Wilson, William W., Los Angeles, Calif. Pipe elevator. 2,356,805; Aug. 29.
Wilson, William W., Memphis, Tenn. Studio couch. 2,357,441; Sept. 5.
Wilson, Winfred E., Los Angeles, Calif. Plywood structure. 2,345,694; Apr. 4.

Wilson, Wylie G., Elizabeth, assignor to Everlasting Valve Company, Jersey City, N. J. Valve. Re. 22,455; Mar. 14.
Wilson, Wylie G., Elizabeth, assignor to Everlasting Valve Company, Jersey City, N. J. Plug valve. 2,341,255; Feb. 8.
Wilton, John, Mound Bayou, Miss. Airplane. 2,350,140; May 30.
Wimmer, Josef. (See Mugdan, M., and Wimmer.)
Wimmer, Ludwig. (See Rideout, A. E., McFaull, and Wimmer.)
Winans, Charles F., Swissvale, Pa., assignor to Koppers Company. Producing anthracene. 2,347,228; Apr. 25.
Winberg, Travis W., and R. A. Ames, Beaumont, Tex., assignors to U. S. Slicing Machine Company, La Porte, Ind. Slicing machine unit. 2,346,782; Apr. 4.
Winborne, Russell A. (See Ettinger, W. J., and Winborne.)
Winborne, Russell A., New York, N. Y., assignor to Edison General Electric Appliance Company, Inc. Control device. 2,354,933; Aug. 1.
Wincharger Corporation. (See Albers, John R., assignor.)
Windaus, Adolf, Gottingen, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Antirachitically active compounds. 2,360,996; Oct. 24.
Windemuth, Erwin. (See Alder, K., and Windemuth.)
Windfields, Limited. (See Duffield, William A., assignor.)
Windham, Roy H., and B. J. Phillips, Rome, assignors to B. J. Bandy, Dalton, Ga. Marking machine. 2,354,166; July 18.
Winding, Arthur, Milwaukee, Wis. Built-up roof. 2,365,129; Dec. 12.
Winding, Charles C., Ithaca, N. Y., assignor to Tide Waters Associated Oil Company, Bayonne, N. J. Magnesium compositions. 2,357,987; Sept. 12.
Winding, Charles C., Ithaca, N. Y., assignor to Tide Water Associated Oil Company, Bayonne, N. J. Oil decolorising and calcium silicate compositions therefor. 2,359,342; Oct. 3.
Winding, Charles C., Ithaca, N. Y., assignor to Tide Water Associated Oil Company, Bayonne, N. J. Silicate adsorbents. 2,359,343; Oct. 3.
Winding, Charles C., Ithaca, N. Y., assignor to Tide Water Associated Oil Company, Bayonne, N. J. Synthetic silicate compositions. 2,359,344; Oct. 3.
Winding, Charles C., Ithaca, N. Y., assignor to Tide Water Associated Oil Company, Bayonne, N. J. Active silicate compositions. 2,359,345; Oct. 3.
Winding, Charles C., Ithaca, N. Y., assignor to Tide Water Associated Oil Company, Bayonne, N. J. Granular silicate compositions. 2,359,346; Oct. 3.
Winding, Charles C., Ithaca, N. Y., assignor to Tide Water Associated Oil Company, Bayonne, N. J. Silicate compositions. 2,364,015; Nov. 28.
Windle, George S., El Paso, Tex., assignor to Standard Oil Company of California, San Francisco, Calif. Method of sweetening hydrocarbon oils. 2,344,910; Mar. 21.
Windsheimer, Walter, Bridgeville, Pa. Outlet box. 2,357,787; Sept. 5.
Wine, William E., Toledo, Ohio. Demountable traction unit. 2,362,105; Nov. 21.
Wineman, Wade H., Michigan City, Ind., assignor to Sullivan Machinery Company. Pump mechanism. 2,365,234; Dec. 19.
Wineman, Wade H., Michigan City, Ind., assignor to Sullivan Machinery Company. Combined aftercooler and receiver. 2,365,791; Dec. 21.
Winer, Max, Medford, Mass. Gun hand guard. 2,341,585; Feb. 15.
Winestock, Theodore L., Lenox, Mass., assignor to General Electric Company. Core winding machine. 2,344,337; Mar. 14.
Wing, George S., Hermosa Beach, assignor to North American Aviation, Inc., Inglewood, Calif. Method of riveting. 2,355,579; Aug. 8.
Wing, George S., Hermosa Beach, assignor to North American Aviation, Inc., Inglewood, Calif. High shear rivet. 2,355,580; Aug. 8.
Wing, Maurice E., Erie, Pa. Vise. 2,360,091; Oct. 10.
Wing, Russell T., Excelsior, Minn. Fountain pen. 2,360,297; Oct. 10.
Wingate, James L. (See Drake, Henry G., and Wingate.)
Wingate, Thomas R., assignor to Dowty Equipment (Canada) Limited, Montreal, Quebec, Canada. Valve means for double-acting pumps. 2,366,080; Dec. 26.
Winge, Manford, Dawson, Minn. Moldboard adjuster. 2,345,720; Apr. 4.
Wingert, Paul, Montpelier, Ohio. Draft tube for stoves and furnaces. 2,345,519; Mar. 28.
Wingert, Paul, Montpelier, Ohio. Safety by-pass for stoves and furnaces. 2,352,057; June 20.
Wingfoot Corporation. (See Arnstein, K., and Schnitzer, assignors.)
Wingfoot Corporation. (See Ayers, Kreigh B., assignor.)
Wingfoot Corporation. (See Brunner, Elmer F., assignor.)
Wingfoot Corporation. (See Burkley, Clement J., assignor.)
Wingfoot Corporation. (See Carney, Lynn A., assignor.)
Wingfoot Corporation. (See Carson, Clarence M., assignor.)
Wingfoot Corporation. (See Cheyney, La Verne E., assignor.)
Wingfoot Corporation. (See Clifford, Albert M., assignor.)
Wingfoot Corporation. (See Clifford, A. M., and Long, assignors.)
Wingfoot Corporation. (See Clunan, Albert B., assignor.)
Wingfoot Corporation. (See Davis, Benjamin F., assignor.)
Wingfoot Corporation. (See D'Ianni, James D., assignor.)
Wingfoot Corporation. (See Evans, Rhys D., assignor.)
Wingfoot Corporation. (See Ferner, George W., assignor.)
Wingfoot Corporation. (See Fielding, John H., assignor.)
Wingfoot Corporation. (See Freeman, Harold A., assignor.)
Wingfoot Corporation. (See Gehman, Samuel D., assignor.)
Wingfoot Corporation. (See George, E. D., and Brown, assignors.)
Wingfoot Corporation. (See Gerstenmaier, John H., assignor.)
Wingfoot Corporation. (See Haase, Jorgen I., assignor.)
Wingfoot Corporation. (Hardman, Albert F., assignor.)
Wingfoot Corporation. (See Harp, Dallas S., assignor.)
Wingfoot Corporation. (See Harts, John J., assignor.)
Wingfoot Corporation. (See Kilborn, Karl B., assignor.)
Wingfoot Corporation. (See Kilborn, K. B., and Gehman assignors.)
Wingfoot Corporation. (See Klemperer, Wolfgang B., assignor.)
Wingfoot Corporation. (See Lichty, Joy G., assignor.)
Wingfoot Corporation. (See Lichty, J. G., and Seeger, assignors.)
Wingfoot Corporation. (See Liebert, Herman R., assignor.)
Wingfoot Corporation. (See Mallory, Gerald D., assignor.)
Wingfoot Corporation. (See McGovern, Bernard F., assignor.)
Wingfoot Corporation. (See McMahan, William W., assignor.)
Wingfoot Corporation. (See Miller, Norton W., assignor.)
Wingfoot Corporation. (See Milone, Charles B., assignor.)
Wingfoot Corporation. (See Moorhouse, Robert W., assignor.)
Wingfoot Corporation. (See Reed, Exa G., assignor.)
Wingfoot Corporation. (See Roberts, Harold P., assignor.)
Wingfoot Corporation. (See Roquemore, Glen F., assignor.)
Wingfoot Corporation. (See Sanders, Edmond W., assignor.)
Wingfoot Corporation. (See Scott, Winfield, assignor.)
Wingfoot Corporation. (See Scott, W., and Seymour, assignors.)
Wingfoot Corporation. (See Smith, C. H., and Gracia, assignors.)
Wingfoot Corporation. (See Snyder, James E., assignor.)
Wingfoot Corporation. (See Snyder, Robert F., assignor.)
Wingfoot Corporation. (See Stephens, Edward W., assignor.)
Wingfoot Corporation. (See Sudman, Charles F., assignor.)
Wingfoot Corporation. (See Thompson, Harry H., assignor.)
Wingfoot Corporation. (See Vincent, Joseph F., assignor.)
Wingfoot Corporation. (See Wilson, Melvin A., assignor.)
Wingfoot Corporation. (See Wise, P. H., and Milone, assignors.)
Winguist, Sven G., Remningstorp, Skara, Sweden. Universal joint. 2,349,030; May 16.
Winguist, Sven G., Remningstorp, Sweden. Universal joint. 2,353,901; July 18.
Wink, Edward C., Battle Creek, Mich., assignor to Oliver Farm Equipment Company. Reel locking device. 2,345,847; Apr. 4.
Winkel, Herbert C., Maywood, Ill. Mold. 2,365,740; Dec. 26.
Winkel, Victor J., Portland, Oreg., assignor to Timber Structures, Inc. Glue spreading device. 2,359,015; Sept. 26.
Winkelmann, Kurt, Berlin-Zehlendorf, Germany; vested in the Alien Property Custodian. Keyboard fascimile transmitter. 2,350,855; June 6.
Winkelmann, Otto, Stuttgart-Degerloch, Germany; vested in the Alien Property Custodian. Vehicle having oscillating half axles. 2,344,072; Mar. 14.
Winkelmeyer, Robert D., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Lighting fixture. 2,338,559; Jan. 4.
Winkler, Carl-Heinz, administrator. (See Hentrich, Winfrid, Kaiser, and Reuss, deceased.)
Winkler, Carl J. and H. E., assignors to U. S. Machine Corporation, Lebanon, Ind. Air valve for stokers. 2,340,281; Jan. 25.
Winkler, Frederic C., and E. W. Yungman, Cleveland, Ohio, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Luminarie. 2,365,614; Dec. 19.
Winkler, Friedrich, Toronto, Ontario, Canada. Clasp for necklaces, bracelets, and the like. 2,346,887; Apr. 18.

Winkler, Herman E. (See Winkler, Carl J. and H. E.)
Winkler, Jack. (See White, C. E., and Winkler.)
Winkler, Joseph F., Philadelphia, Pa. Method of refrigeration. 2,352,581; June 27.
Winkler, Louis H., Bethlehem, Pa., assignor to Bethlehem Steel Company. Steel wool. 2,361,672; Oct. 31.
Winkler, Marion R., Milwaukee, Wis. Tuned filter circuit. 2,364,260; Dec. 5.
Winn, Sidney B., Lapeer, Mich. Extensible pintle hook trailer coupling. 2,340,786; Feb. 1.
Winn, Sidney B., Lapeer, Mich. Tractor-trailer combination. 2,346,588; Apr. 18.
Winnek, Philip S. (See Faith, H. E., and Winnek.)
Winnek, Philip S. (See Roblin, R. O., Jr., and Winnek.)
Winnen, Franklyn E. (See Benjamin, M. L., and Winnen.)
Winning, Carl. (See Richardson, R. W., Miller, and Winning.)
Winning, Carl, assignor to Standard Oil Development Company, Union, N. J. Lubricant. 2,362,291; Nov. 7.
Winning, Carl, Union, and J. G. McNab, Cranford, N. J., assignors to Standard Oil Development Company. Lubricant. 2,346,808; Apr. 18.
Winning, Clarence H., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Gelatin dynamites. 2,362,618; Nov. 14.
Winona Tool Mfg. Company. (See Fuglie, Elmer A., assignor.)
Winslet, Anthony, Hamburg, N. Y. Flag holder for automobiles. 2,358,120; Sept. 12.
Winslow, Albert R., Mystic, Conn., assignor to Atwood Machine Company. Cap and flyer. 2,353,100; July 4.
Winslow, Albert R., Mystic, Conn., assignor to Atwood Machine Company. Strand twisting apparatus. 2,353,101; July 4.
Winslow, Albert R., Mystic, Conn., assignor to Atwood Machine Company. Strand twisting apparatus. 2,353,102; July 4.
Winslow, Albert R., Mystic, Conn., assignor to Atwood Machine Company. Strand twisting apparatus. 2,353,103; July 4.
Winslow, Albert E., Mystic, Conn., assignor to Atwood Machine Company. Strand twisting apparatus. 2,353,104; July 4.
Winslow, Albert E., Mystic, Conn., assignor to Atwood Machine Company. Strand twisting apparatus. 2,353,105; July 4.
Winslow, Albert E., Mystic, Conn., assignor to Atwood Machine Company. Stop motion for stranding machines. 2,361,905; Oct. 31.
Winslow, Albert E., Mystic, Conn., assignor to Atwood Machine Company. Flyer. 2,365,660; Dec. 19.
Winslow, Albert E., Mystic, Conn., assignor to Atwood Machine Company. Twisting wire. 2,365,661; Dec. 19.
Winslow, Charles A., and L. L. Moore, assignors to Winslow Engineering Co., Oakland, Calif. Oil conditioner. 2,345,848; Apr. 4.
Winslow, Charles A., and L. L. Moore, assignors to Winslow Engineering Co., Oakland, Calif. Oil conditioner cartridge. 2,347,384; Apr. 25.
Winslow, Charles C. (See Ausburn, F. P., and Winslow.)
Winslow, Edward T. (See Thompson, J. H., and Winslow.)
Winslow Engineering Co. (See Winslow, C. A., and Moore, assignors.)
Winslow Engineering Co. (See Winslow, C. A., Moore, and Nostrand, assignors.)
Winslow, Samuel J., Taunton, Mass. Mirror. 2,352,819; July 4.
Winslow, Samuel J., Taunton, Mass. Hand mirror, brush, and the like. 2,352,820; July 4.
Winston, Sydney H., New York, N. Y. Card retainer attachment for cases. 2,353,328; July 11.
Winston, Sydney H., New York, N. Y. Card display device. 2,360,997; Oct. 24.
Winstrom, Bertil G. (See Tiedemann, J. B., and Winstrom.)
Winter, Arthur C., Teaneck, assignor of one-tenth to H. J. Lucke, East Orange, N. J., and one-twentieth to P. A. Mallinckrodt, Salt Lake City, Utah. Radiotelegraph recording device. 2,338,692; Jan. 4.
Winter, Charley J., Altadena, Calif. Straight edge lawn trimmer. 2,348,860; May 9.
Winter, Fred H., Schenectady, N. Y., assignor to General Electric Company. Electromagnetic time element device. 2,339,125; Jan. 11.
Winter, Ireal A., Birmingham, Ala. Automatic stoker. 2,341,252; Feb. 8.
Winter, Otto W., Grand Island, assignor to Columbus McKinnon Chain Corporation, Tonawanda, N. Y. Trimmer for chain welding machines. 2,358,197; Sept. 12.
Winter, Otto W., Grand Island, N. Y., and C. W. Middlestead, Warren, Ohio, assignors to Columbus McKinnon Chain Corporation, Tonawanda, N. Y. Index means for chain welding machines. 2,344,435; Mar. 14.
Winter, Paul W., Arkansas City, Kans. Radial engine. 2,351,727; Oct. 31.
Winter, Walter A., San Pedro, and C. G. Rush, and W. H. Thiessen, Long Beach, Calif. Locking caster. 2,345,442; Mar. 28.
Wintergreen, Charles J., assignor to Stewart-Warner Corporation, Chicago, Ill. Heating apparatus. 2,354,345; July 25.
Winterhalter, Martin, Morcote-Castello, near Lugano, Switzerland. Making sliding clasp fasteners. 2,341,404; Feb. 8.
Winterhalter, Martin, Morcote, near Lugano, Switzerland. Separable fastener. 2,353,108; July 4.
Wintermute, George J., and D. E. Beach, Dayton, assignors to The Monarch Machine and Tool Company, Sidney, Ohio. Method and apparatus for controlling the operation of lathes. 2,351,649; June 20.
Winters & Crampton Corporation. (See Anderson, L. L., and Van Dam, assignors.)
Winters, Leo, Detroit, Mich. Flexible wall or partition. 2,352,420; June 27.
Winther, Anthony, Kenosha, Wis., assignor to M. P. Winther, as trustee. Electrical control apparatus. Re. 22,432; Feb. 1.
Winther, Anthony, Kenosha, Wis., assignor to M. P. Winther, Waukegan, Ill., trustee. Electrical governor. 2,353,107; July 4.
Winther, Martin P., trustee. (See Hayes, Charles T., assignor.)
Winther, Martin P., trustee. (See Winther, Anthony, assignor.)
Winther, Martin P., trustee. (See Winther, Martin P.)
Winther, Martin P., Waukegan, Ill., assignor to Martin P. Winther, as trustee. Cooling apparatus. 2,345,850; Apr. 4.
Winthrop Chemical Company. (See Behnisch, R., and Pohla, assignors.)
Winthrop Chemical Company. (See Behnisch, R., and Salzer, assignors.)
Winthrop Chemical Company. (See Heckmanns, F., and Meisenheimer, assignors.)
Winthrop Chemical Company. (See Lautenschläger, C. L., Lindner, and Mager, assignors.)
Winthrop Chemical Company. (See Lautenschläger, C. L., Lindner, Mager, and Bartholomäus.)
Winthrop Chemical Company. (See Medick, Heinrich, assignor.)
Winthrop Chemical Company. (See Purrmann, Robert, assignor.)
Winthrop Chemical Company. (See Salzer, W., and Henecka, assignors.)
Winthrop Chemical Company. (See Surrey, Alexander R., assignor.)
Winthrop Chemical Company. (See Westphal, Kurt, assignor.)
Winthrop Chemical Company. (See Windaus, Adolf, assignor.)
Winthrop Chemical Company. (See Wolfert, E., and Daab, assignors.)
Winthrop Chemical Company, Inc. (See Weygand, Friedrich, assignor.)
Winthrop, Ronald, et al. (See Roberts, Donald A. W., assignor.)
Wintle, Thomas D. G. (See McLoughlin, H. F., Hill, Morgan, and Wintle.)
Winton, Lewis B., Greenwich, Conn., assignor to P. A. Jerguson, Medford, Mass. Liquid level indicating system. 2,347,860; May 2.
Winton, Lewis B., Greenwich, Conn., assignor to P. A. Jerguson, Medford, Mass. Measuring system including a hydrostatic manometer and an indication translating mechanism. 2,347,861; May 2.
Winton, Sidney V., Yellow Springs, Ohio. Gas flow indicator. 2,338,750; Jan. 11.
Wiquel, Valentino. (See Modigliani, P., and Wiquel.)
Wire, Charles E., Washington, D. C. Foundation wall mold. 2,353,981; July 18.
Wiren, Jean P., New Paltz, N. Y. Making flaps and the like for garments. 2,355,023; Aug. 1.
Wirkkala, Oscar A., Seattle, Wash. Hook and cable connection. 2,351,176; June 13.
Wirshing, Ralph J. (See Mougey, H. C., and Wirshing.)
Wirtel, Arthur F. (See De Groote, M., Keiser, and Wirtel.)
Wirtel, Arthur F., Kirkwood, Mo., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,340,355; Feb. 1.
Wirth, Armin, Zurich, Switzerland. Weighing apparatus or scale. 2,345,783; Apr. 4.
Wirth, Dorsey M., Bucyrus, Ohio. Belt. 2,365,316; Dec. 19.
Wirth, Emil O. (See Mock, F. C., and Wirth.)
Wirth, Emil O., and G. P. Lum, assignors to Bendix Aviation Corporation, South Bend, Ind. Charge forming device. 2,345,168; Mar. 28.
Wirth, Gustav, W. Wensel, F. Sabel, and H. Laudenklos, Leuna, Germany; vested in the Alien Property Custodian. Production of hydrocarbons. 2,338,475; Jan. 4.
Wirth, Gustav, and H. Laudenklos, Leuna, Germany; vested in the Alien Property Custodian. Production of hydrocarbons. 2,345,957; Apr. 4.
Wirth, Gustav, F. Sabel, and H. Laudenklos, Leuna, Germany; vested in the Alien Property Custodian. Production of hydrocarbons. 2,351,248; June 13.
Wirth, Theodor. (See Knetch, O., and Wirth.)
Wirth, Walter V. (See Bergstrom, H. A., and Wirth.)

Wirtz, Frank E., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Stator insulating machine. 2,340,291; Feb. 1.
Wirtz, Fred, St. Louis, Mo., assignor to Burdick-Baron Company, Dallas, Tex. Display and advertising sign. 2,365,034; Dec. 12.
Wisansky, Walter A., Forest Hills, N. Y., assignor, by mesne assignments, to American Home Products Corporation, Jersey City, N. J. Making 3,4-dimethylaniline. 2,347,652; May 2.
Wiskol, William A., assignor to Douglas & Lomason Co., Detroit, Mich. Nail. 2,342,776; Feb. 29.
Wiskol, William A., assignor to Douglas & Lomason Co., Detroit, Mich. Nail. 2,342,777; Feb. 29.
Wisconsin Alumni Research Foundation. (See Allen, T. C., and Dicke, assignors.)
Wisconsin Alumni Research Foundation. (See McShan, W. H., and Meyer, assignors.)
Wisconsin Alumni Research Foundation. (See Moha, Frederic E., assignor.)
Wisconsin Alumni Research Foundation. (See Stahmann, M. A., and Link, assignors.)
Wisconsin Electric Power Company. (See Dornbrook, Frederick L., assignor.)
Wise, David H. (See Kalb, B. J., and Wise.)
Wise, Edmund M., Westfield, N. J., assignor to The International Nickel Company, Inc., New York, N. Y. Making nickel-copper alloy castings. 2,355,581; Aug. 8.
Wise, Elmer L., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,340,257; Jan. 25.
Wise, George, Brooklyn, N. Y. Cabinet. Re. 22,456; Mar. 14.
Wise, Harry L., assignor to Hydraulic Machinery, Inc., Detroit, Mich. Power transmission. 2,366,366; Aug. 22.
Wise, Paul H., and C. R. Milone, assignors to Wingfoot Corporation, Akron, Ohio. Halogenating maleic anhydride. 2,342,173; Feb. 22.
Wise, Raleigh J. (See Hackenberg, J. H., and Wise.)
Wise, Raleigh J. (See Ridings, G. H., and Wise.)
Wise, Raleigh J., Dunellen, and G. H. Ridings, Summit, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. System and apparatus for facsimile telegraphy. 2,343,353; Mar. 7.
Wise, Raleigh J., Dunellen, G. H. Ridings, Summit, and R. D. Parrott, West New York, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. System and apparatus for facsimile telegraphy. 2,365,741; Dec. 26.
Wise, Ralph H., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Rear luggage compartment lock. 2,339,537; Jan. 18.
Wise, Raymond O., Short Hills, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Variable frequency bridge stabilized oscillator. 2,341,067; Feb. 8.
Wise, Solomon, Cleveland, Ohio. Lock type fuel tank filling cap. 2,343,605; Mar. 7.
Wise, William H., and A. A. Saul, assignors to Miller Printing Machinery Co., Pittsburgh, Pa. Gripper mechanism. 2,339,310; Jan. 18.
Wiser, Hubert J., assignor to Williams Oil-O-Matic Heating Corporation, Bloomington, Ill. Pulsation relief device. 2,357,622; Sept. 5.
Wishart, William W., Chicago, Ill. Compressor. 2,347,862; May 2.
Wisher, Charles E., Spencerville, Ohio. Fish scaling and cleaning device. 2,364,333; Dec. 5.
Wisk, Walter, West Cromwell, Conn. Multimotor single propeller airplane. 2,343,606; Mar. 7.
Wisli cenus, George F. (See Thomann, A. W., and Wislicenus.)
Wislicenus, George F., Millburn, assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Propeller adjusting mechanism. 2,363,823; Nov. 28.
Wisner, Carl V., Jr., et al., trustees. (See Schmitt, Arthur J., assignor.)
Wiss, John E., Columbus, Ohio, assignor to United States Gypsum Company, Chicago, Ill. Composition of matter. 2,340,840; Feb. 1.
Wissler, William A., and W. B. Miller, Niagara Falls, N. Y., assignors to Haynes Stellite Company. Making composite metal articles. 2,341,006; Feb. 8.
Witham, George S., Hudson Falls, N. Y. Paper making machine. 2,345,647; Apr. 4.
Witherow, William P. (See Henderson, Albert, assignor.)
Witkin, Daniel W., Brooklyn, N. Y. Cabinet. 2,363,454; Nov. 21.
Witt, Earney W., Windsor, Victoria, Australia. Apparatus for making the carcasses of rubber tires. 2,352,055; June 20.
Witt, Irwin H., Blue Island, Ill. Lock for locking manhole and vault covers. 2,352,750; July 4.
Witt, Milton T., Buffalo, N. Y. Oar. 2,343,726; Mar. 7.
Witt, Raimund. (See Kniehahn, W., Geiser, Schüler, Gerth, and Witt.)
Wittekindt, Wilhelm. (See Dyckerhoff, W., and Wittekindt).
Wittel, Otto, assignor to Eastman Kodak Company, Rochester, N. Y. Focusing finder system for cameras. 2,341,495; Feb. 8.
Wittel, Otto, assignor to Eastman Kodak Company, Rochester, N. Y. Focusing camera. 2,358,121; Sept. 12.
Wittel, Otto, assignor to Eastman Kodak Company, Rochester, N. Y. Focusing lens mount. 2,362,603; Nov. 14.
Wittel, Otto, assignor to Eastman Kodak Company, Rochester, N. Y. Variable field mechanism for view finders. 2,364,413; Dec. 5.
Witter, Claude A., Philadelphia, Pa. Apparatus for making shell bodies. 2,349,570; May 23.
Witter, Lawrie L., Auburndale, Mass. Educational device. 2,349,066; May 16.
Witter, Philander F., Kentfield, Calif. Automatic jack rafter bevel square. 2,340,032; Jan. 25.
Wittig, Carl H. O., Irondequoit, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Optical instrument. 2,359,702; Oct. 3.
Wittkop, Elmar, Sprockhovel, Germany; vested in the Alien Property Custodian. Centrifugal coupling. 2,338,476; Jan. 4.
Wittle, Eugene L. (See Marker, R. E., Crooks, and Wittle.)
Wittman, George F., Dayton, Ohio. Vertical internal grinding machine. 2,353,379; July 11.
Wobbe, Delbert E., River Forest, Ill., assignor to American Can Company, New York, N. Y. Container. 2,346,714; Apr. 18.
Wodell, William W. (See Castle, B. F., and Wodell.)
Woellner, William C. (See Isgrig, Glenn W., assignor.)
Woers, John A., assignor to Crown Can Company, Philadelphia, Pa. Plunger pad for container closing machines. 2,350,438; June 6.
Wohlfield, Frederick W., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Fender, fender construction, and assembly. 2,365,792; Dec. 26.
Wohler, Leonard A. (See Greenup, H. W., and Wohler.)
Wohlfield, Frederick W., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Fender and fender shield construction. 2,352,421; June 27.
Wohnsiedler, Henry P., Darien, and W. M. Thomas, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Cationic melamine-formaldehyde resin solution. 2,345,543; Mar. 28.
Wohnsiedler, Henry P., Darien, and W. M. Thomas, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Cationic aminotriazine-aldehyde resin solutions. 2,356,718; Aug. 22.
Wohnsiedler, Henry P., Darien, and W. M. Thomas, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Cationic aminotriazine-aldehyde resin solutions. 2,356,719; Aug. 22.
Woitscheck, Arno, Porz near Cologne, Germany; vested in the Alien Property Custodian. Coating wax bands, bearing a mechanical sound record, with graphite, and a device for carrying out this method. 2,350,856; June 6.
Woitzcheck, Arno, Porz, near Cologne, Germany; vested in the Alien Property Custodian. Apparatus for producing matrices in galvanic baths. 2,356,639; Aug. 22.
Wojtan, Edwin A., assignor to V. L. Kruszynski, Buffalo, N. Y. Lock nut. 2,360,531; Oct. 17.
Wolcott, Herbert, Columbia, Mo. Closure. 2,342,095; Feb. 15.
Wolcott, Frank E., West Hartford, Conn. Coaster. 2,345,784; Apr. 4.
Wolcott, Frank E., West Hartford, assignor to The Silex Company, Hartford, Conn. Steam pressing iron. 2,347,588; Apr. 25.
Wolcott, Frank E., and L. V. Lucia, West Hartford, assignors to The Silex Company, Hartford, Conn. Pressure releasing means for steam irons. 2,357,862; Sept. 12.
Wolcott, Glenn W. (See Kucher, A. A., McCormack, and Wolcott.)
Wold, Clarence N., Roseau, Minn. Hoisting and conveying apparatus. 2,346,956; Apr. 18.
Wold, Harry C., Los Angeles, Calif. Nibbling machine. 2,364,334; Dec. 5.
Woldring, Bert, and J. R. Sebastian, assignors to Rapids-Standard Co., Inc., Grand Rapids, Mich. Conveyer. 2,347,308; Apr. 25.
Wolf, Austin M., Plainfield, N. J. Vehicle suspension control mechanism. 2,358,371; Sept. 19.
Wolf Brothers. (See Wolf, Howard A.)
Wolf, Edgar. (See Waltmann, E., and Wolf.)
Wolf, Elias, et al. (See Wolf, Howard A., assignor.)
Wolf, Eugene G., assignor to Landis Machine Company, St. Louis, Mo. Leather stitcher presser foot control. 2,356,293; Aug. 22.
Wolf, Frank F., assignor to Oakes & Burger Co., Inc., Cattaraugus, N. Y. Can handling machine. 2,361,728; Oct. 31.
Wolf, Frederick, Cleveland, Ohio, and F. Sigmund, New York, N. Y., assignors to The Lake Erie Chemical Company. Electric motor. 2,343,354; Mar. 7.
Wolf, Hermann, E. Kuss, H. Hohn, and F. Stietzel, Duisburg, Germany; vested in the Alien Property Custodian. Manufacture of zinc. 2,351,383; June 13.
Wolf, Howard A., assignor to L., E., H. A., and W. L. Wolf, co-partners doing business as Wolf Brothers, Philadelphia, Pa. Paper bag. 2,364,886; Dec. 12.
Wolf, Howard A., et al. (See Wolf, Howard A., assignor.)

Wolf, Karl. (See Kroeper, H., Kohler, and Wolf.)
Wolf, Louis, et al. (See Wolf, Howard A., assignor.)
Wolf, Otto R., Oak Park, assignor to Tribune Company, Chicago, Ill. Producing newspaper assemblies. 2,361,140; Oct. 24.
Wolf, Richard J., and J. G. Dunville, assignors to Sears, Roebuck and Co., Chicago, Ill. Water heater. 2,359,816; Oct. 10.
Wolf, Rudolf, Fajardo, P. R. Submarine escape and communication device. 2,357,044; Aug. 29.
Wolf, Walter L., et al. (See Wolf, Howard A., assignor.)
Wolf, Wilhelm. (See Herold, P., Smeykal, Asinger, and Wolf.)
Wolf, William A. (See MacAllister, R. B., and Wolf.)
Wolfe, Bernard J., Irondequoit, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Arc lamp. 2,359,936; Aug. 15.
Wolfe, Halley, Los Angeles, Calif., assignor, by mesne assignments, to Petrolite Corporation, Ltd., Wilmington, Del. Method and apparatus for electrically treating fluids. 2,364,118; Dec. 5.
Wolfe, Herbert J., Maspeth, and P. W. Greubel, Long Island City, assignors to American Can Company, New York, N. Y. Quick drying ink. 2,361,442; Oct. 31.
Wolfe, Jerome D., New York, N. Y. Slip ring for lighting fixtures. 2,355,353; Aug. 8.
Wolfe, Leon W., New York, N. Y. Protractor. 2,361,807; Oct. 31.
Wolfe, Wallace V., Beverly Hills, Calif., assignor to Radio Corporation of America. Sound re-recording system. 2,341,303; Feb. 8.
Wolfersperger, John J. (See Walker, R., and Wolfersperger.)
Wolfert, Edward R., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Air conditioning apparatus. 2,342,174; Feb. 22.
Wolfert, Edward R., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Air conditioning apparatus. 2,342,566; Feb. 22.
Wolfert, Edward R., Springfield, and W. R. Lyman, Chicopee Falls, Mass., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Oil burning apparatus. 2,360,924; Oct. 24.
Wolfert, Eugen, Leverkusen-Wiesdorf, and H. Daab, Cologne, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Organic disinfecting agent in a special form. 2,346,632; Apr. 11.
Wolfers, Alfred H., Hillside, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Remote position indicator. 2,354,902; Aug. 1.
Wolff, Hanns-Heinz, Berlin, Germany; vested in the Alien Property Custodian. Cathode ray tube. 2,342,778; Feb. 29.
Wolff, Hanns-Heinz, Berlin, Germany; vested in the Alien Property Custodian. Sound absorbing structure. 2,356,640; Aug. 22.
Wolff, Julius, Amstenrade, Netherlands; vested in the Alien Property Custodian. Manufacture of artificial sausage skins. 2,350,857; June 6.
Wolff, Paul A., Hoboken, N. J., assignor to Well Surveys, Incorporated, Tulsa, Okla. Weighing device. 2,349,228; May 16.
Wolff, Samuel, Clayton, assignor to Paramount Shoe Manufacturing Company, St. Louis, Mo. Shoe. 2,354,903; Aug. 1.
Wölfle, Robert, Berlin-Pankow, Germany; vested in the Alien Property Custodian. Bearing sleeve for rotary spindles in machine tools. 2,356,641; Aug. 22.
Wolfner, Alfred S., Paris, France; vested in the Alien Property Custodian. Process and apparatus for controlling fractionation. 2,350,006; May 30.
Wolfner, William F., II, Methuen, assignor to Photoswitch Incorporated, Cambridge, Mass. Electronic apparatus. 2,352,240; June 27.
Wolfner, William F., II, Methuen, assignor to Photoswitch Incorporated, Cambridge, Mass. Electronic apparatus. 2,357,371; Sept. 5.
Wolfner, William F., II, Methuen, assignor to Photoswitch Incorporated, Cambridge, Mass. Thermal switch. 2,358,372; Sept. 19.
Wolfner, William F., II, Methuen, assignor to Photoswitch Incorporated, Cambridge, Mass. Burner control. 2,358,432; Sept. 19.
Wolfner, William F., II, Methuen, assignor to Photoswitch Incorporated, Cambridge, Mass. Electronic control apparatus. 2,358,433; Sept. 19.
Wolfner, William F., II, Methuen, assignor to Photoswitch Incorporated, Cambridge, Mass. Timer. 2,364,680; Dec. 12.
Wolfová, Antonie. (See Netalová, A., and Wolfová.)
Wolfram, Arthur, Frankfort-on-the-Main, and H. Jahn, Bad Soden in Taunus, Germany; vested in the Alien Property Custodian. Forming esters. 2,339,126; Jan. 11.
Wolfram, Arthur, Frankfort-on-the-Main, and H. Jahn, Heerthen, Upper Silesia, Germany; vested in the Alien Property Custodian. Aromatic ethers of 1,3-butadiene-2. 2,354,632; July 25.
Wolfram, John N. (See Parker, A. L. Wolfram, and Margrave.)
Wolfram, William S., Scotch Plains, N. J., assignor to General Motors Corporation, Detroit, Mich. Clutch. 2,359,184; Sept. 26.
Wolfskill, John M., assignor to Bliley Electric Company, Erie, Pa. Piezoelectric crystal apparatus. 2,345,648; Apr. 4.
Wolfskill, John M., assignor to Bliley Electric Company, Erie, Pa. Piezoelectric crystal apparatus. 2,364,501; Dec. 5.
Wolfson, Charlotte, and B. Treistman, New York, N. Y. Flocking apparatus. 2,340,850; Feb. 8.
Wolfson, Heury, and S. C. Shepard, London, England, assignors to International Standard Electric Corporation, New York, N. Y. Thermistor. 2,346,955; Apr. 18.
Wolfson, Jacob. (See Porter, R. E., and Wolfson.)
Wolgen Co. (See Ellenberger, Stanley D., assignor.)
Wolk, I. Louis, Bartlesville, Okla., assignor to Phillips Petroleum Company. Catalytic conversion of hydrocarbons. 2,363,716; Nov. 28.
Wolk, I. Louis, Bartlesville, Okla., assignor to Phillips Petroleum Company. Preventing oxidation of rubber. 2,363,717; Nov. 28.
Wolk, I. Louis, Bartlesville, Okla., assignor to Phillips Petroleum Company. Treating hydrocarbons. 2,363,824; Nov. 28.
Wolk, I. Louis, and J. D. Upham, Bartlesville, Okla., assignors to Phillips Petroleum Company. Catalytic process and apparatus. 2,363,274; Nov. 21.
Woller, Edward E., Kenosha, Wis., assignor to Simmons Company. Sofa bed. 2,352,989; July 4.
Woller, Edward E., Kenosha, Wis., assignor to Simmons Company. Sofa bed. 2,353,329; July 11.
Wollner, Herbert J. (See Kiensle, L. C., and Wollner.)
Wolodarsky, Jacob. (See Munschak, Uscher, assignor.)
Wolofski, Nicholas, assignor to The Murray Corporation of America, Detroit, Mich. Spring construction. 2,364,499; Dec. 5.
Wolofski, Nicholas, assignor to The Murray Corporation of America, Detroit, Mich. Spring construction. 2,364,500; Dec. 5.
Woloschak, Konstantin. (See Lindsay, M. H. A., and Woloschak.)
Woloschak, Konstantin, Port Chester, assignor to Press Association, Inc., New York, N. Y. Means of compensating for drift of photoelectric devices and associated circuits. 2,347,015; Apr. 18.
Wolonsyn, Stanley, U. S. Army, Detroit, Mich. Gun trail. 2,357,372; Sept. 5.
Wolstenholme, Harry F., Paterson, N. J. Rotary engine. 2,352,877; July 4.
Wolter, Herman M., San Francisco, Calif. All welded high-pressure water tube boiler. 2,363,718; Nov. 28.
Wolters, Carl F., Kenmore, assignor to Remington Rand Inc., Buffalo, N. Y. File tray. 2,350,266; May 30.
Wolters, Carl F., Kenmore, and G. E. Watkins, Tonawanda, assignors to Remington Rand Inc., Buffalo, N. Y. Filing cabinet. 2,338,477; Jon. 4.
Wolverine Supply and Manufacturing Company. (See Green, Joseph, assignor.)
Wommer, Edwin, Bayfield, Colo. Scraper and loader. 2,341,007; Feb. 8.
Wong, Gene B., Newcastle, Calif. Finger cot. 2,363,216; Nov. 21.
Wood, Albert C., Rio Vista, Calif. Subsurface crop harvester. 2,344,663; Mar. 21.
Wood, Alexander P., Schenectady, N. Y., assignor to General Electric Company. Brush holder. Re. 22,496; June 13.
Wood, Alexander P., Schenectady, N. Y., assignor to General Electric Company. Brush holder. 2,341,304; Feb. 8.
Wood, Alfred R., Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Start-and-stop mechanism for sewing machines. 2,338,611; Jan. 4.
Wood, Charles D., Huntington Park, assignor to Los Angeles Chemical Co., Los Angeles, Calif. Treating complex lead-zinc ores. 2,351,795; June 20.
Wood, Clyde M., Youngstown, Ohio, and C. L. Jones, Wilmington, Del., said Wood assignor to Automatic Sprinkler Company of America, Youngstown, Ohio. Applying surface finish to pipe. 2,353,951; July 18.
Wood, Clyde W., Pasadena, Calif. Road material mixing machine. Re. 22,502; June 20.
Wood, Conrad, El Dorado, Ark., assignor to The American Fork & Hoe Company, Cleveland, Ohio. Fish lure. 2,344,580; Mar. 21.
Wood Conversion Company. (See Brownlee, Robert N., assignor.)
Wood, Edward L., Detroit, Mich. Bread slicing device. 2,362,737; Nov. 14.
Wood, Elizabeth O., executrix. (See Wood, H. A. W., Tollinson, Ricards, and Isbell.)
Wood, Flavius C., Jr., Washington, D. C. Producing low carbon iron or steel. 2,349,688; May 23.
Wood, Francis G., assignor to Twentieth Century-Fox Film Corporation, Los Angeles, Calif. Multiplying machine. 2,340,851; Feb. 8.
Wood, Frank J., Riverside, assignor to Goodman Manufacturing Company, Chicago, Ill. Belt wrapper. 2,357,157; Aug. 29.
Wood, Frank J., Riverside, assignor to Goodman Manufacturing Company, Chicago, Ill. Reeling device. 2,366,081; Dec. 26.

Wood Gar Industries, Inc. (See Barrett, Edward R., assignor.)
Wood, Gar, Industries, Inc. (See Monahan, John C., assignor.)
Wood, Gar, Industries, Inc. (See Shaeffer, George D., assignor.)
Wood, Gar, Industries, Inc. (See Wood, Louis S., assignor.)
Wood, George, Detroit, Mich. Fuel injector for internal combustion engines. 2,338,679; Jan. 4.
Wood, George R., Montreal, Quebec, Canada, assignor to Toledo Scale Company, Toledo, Ohio. Food handling apparatus. 2,341,256; Feb. 8.
Wood, George R., Montreal, Quebec, Canada, assignor to Toledo Scale Company, Toledo, Ohio. Slicing machine. 2,355,354; Aug. 8.
Wood, George R., Montreal, Quebec, Canada, assignor to Toledo Scale Company, Toledo, Ohio. Food handling apparatus. 2,355,355; Aug. 8.
Wood, Glenn D. (See Fields, F. D., and Wood.)
Wood, Glenn D., assignor to Posture Research Corporation, Elkhart, Ind. Chair. 2,364,261; Dec. 5.
Wood, Glenn D., Elkhart, Ind., and T. H. Alfreds, Park Ridge, Ill., assignors to Posture Research Corporation, Elkhart, Ind. Chair base. 2,342,233; Feb. 22.
Wood, Harry F., assignor to Nash-Kelvinator Corporation, Kenosha, Wis. Piston. 2,341,836; Feb. 15.
Wood, Harry G. (See Sebald, J. F., Robinson, and Wood.)
Wood, Henry A. W., deceased, New York, N. Y.; E. O. Wood, executrix, and P. L. Tollison, North Plainfield, C. L. Ricards, South Plainfield, and J. A. Isbell, assignors to Wood Newspaper Machinery Corporation, Plainfield, N. J. Plate finishing and cooling machine. 2,364,032; Nov. 28.
Wood, Howard S., Lansdale, Pa. Molding machine. 2,349,219; May 16.
Wood Items, Inc. (See Mutch, James B., assignor.)
Wood, John, Manufacturing Company. (See Dougherty, Robert J., assignor.)
Wood, John, Manufacturing Company. (See Goldberg, Mark J., assignor.)
Wood, John, Manufacturing Company. (See Woodford, Joseph C., assignor.)
Wood, John E., deceased, Altrincham, by Barclays Bank Limited, London, England, executor, assignor to The Superheater Company, New York, N. Y. Steam superheating installations. 2,339,444; Jan. 18.
Wood, John E., III, Baton Rouge, La., and C. S. Lynch, Plainfield, N. J., assignors to Standard Oil Development Company. Isomerization of normal paraffins. 2,354,565; July 25.
Wood, Louis S., Grosse Pointe Farms, assignor to Gar Wood Industries, Inc., Detroit, Mich. Drop frame body hoist. 2,339,039; Jan. 11.
Wood, Louis S., Grosse Pointe Farms, assignor to Gar Wood Industries, Inc., Detroit, Mich. Dump vehicle and stabiliser construction. 2,350,141; May 30.
Wood, Luis L., Las Palmas, Canary Islands. Stereoscopic apparatus. 2,359,703; Oct. 3.
Wood, Meek E., Filbert, S. C. Loading ramp. 2,353,533; July 11.
Wood, Morris B., Newbury, assignor to The Chase-Shawmut Company, Newburyport, Mass. Fusible electric circuit protector. 2,358,676; Sept. 19.
Wood, Morris E., assignor to H. A. Douglas Mfg. Co., Brouson, Mich. Lamp socket unit. 2,360,809; Oct. 17.
Wood, Neal S., et al., Trustee. (See Daugherty, Fount F., assignor.)
Wood Newspaper Machinery Corporation. (See Caffrey, Charles S., assignor.)
Wood Newspaper Machinery Corporation. (See Roesen, Oscar C., assignor.)
Wood Newspaper Machinery Corporation. (See Wood, H. A. W., Tollison, Ricards, and Isbell, assignors.)
Wood, Orville T., assignor to Blake Manufacturing Corporation, Clinton, Mass. Circuit closer for flashlights. 2,359,597; Oct. 3.
Wood, Raymond P., Whittier, Calif. Article handling apparatus. 2,359,016; Sept. 26.
Wood, Richard C., assignor to The Procter & Gamble Company, Cincinnati, Ohio. Soap-free detergents in bar form. 2,356,903; Aug. 29.
Wood, Robert C., Montclair, assignor to Button Corporation of America, Newark, N. J. Method of and apparatus for removing burrs and films from molded articles. 2,342,443; Feb. 22.
Wood, Robert T., Cleveland, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Making and treating magnesium castings. 2,352,990; July 4.
Wood, Wallace H. (See Flygare, C. G., and Wood.)
Wood, Wilbur G., Glendale, and F. B. Hunter, Tujunga, assignors to Lockheed Aircraft Corporation, Burbank, Calif. Automatic temperature control. 2,352,058; June 20.
Wood, Wilbur W. (See Rothwell, J. J., and Wood.)
Wood, William F. (See Fountain, William M., assignor.)
Wood, William H. (See Trautman, O. C., and Wood.)
Wood, William H., Bedford, assignor to Harris-Seybold-Potter Company, Cleveland, Ohio. Water-soluble polyvinyl halogen derivatives. 2,342,175; Feb. 22.
Wood, Winfield. (See Hollister, J. C., and Wood.)
Woodall-Duckman (1920) Limited. (See Chadder, William J., assignor.)
Woodall Industries Incorporated. (See Pelcher, W. J., and Diroff, assignors.)
Woodall, Robert L. (See Crawford, T. D., Woodall, and Osterberg.)
Woodard, Phebe H., executrix. (See Woodard, W. E., and Filander.)
Woodard, Raymond G., East Orange, N. J., assignor to Standard Safety Equipment Co. Adjustable eyeshield. 2,354,415; July 25.
Woodard, William E., deceased, Forest Hills; P. H. Woodard, executrix, and A. H. Filander, New York, N. Y.; said A. H. Filander assignor to Lima Locomotive Works, Incorporated, Lima, Ohio; P. H. Woodard, executrix, assignor to P. H. Woodard. Steam locomotive construction. 2,346,715; Apr. 18.
Woodard, William E., deceased, Forest Hills; P. H. Woodard, executrix, and A. H. Filander, New York, N. Y.; said A. H. Filander assignor to Lima Locomotive Works, Incorporated, Lima, Ohio; P. H. Woodard, executrix, assignor to P. H. Woodard. Locomotive construction. 2,346,716; Apr. 18.
Woodberry, John H., Metuchen, N. J. Cartridge orientor. 2,362,517; Nov. 14.
Woodberry, John H., and F. W. Hoewischer, Metuchen, N. J. Cartridge feeder. 2,356,806; Aug. 29.
Woodbridge, Joseph L., assignor to The Electric Storage Battery Company, Philadelphia, Pa. Filling and venting structure. 2,338,389; Jan. 4.
Woodbridge, Joseph L., assignor to The Electric Storage Battery Company, Philadelphia, Pa. Remote-reading specific-gravity indicator. 2,354,847; Aug. 1.
Woodbridge, Richard G., Jr. (See Desetti, G. E., Dew, Mackey, and Woodbridge.)
Woodbridge, Richard G., Jr. (See Johnson, T. D., Jr., and Woodbridge.)
Woodbury, Clifford A. (See Chapman, F. F., Peterson, and Woodbury.)
Woodbury, Clifford A., Media, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilised explosive composition. 2,351,468; June 13.
Woodbury, John B., South Portland, assignor to Maine Steel, Inc., Portland, Maine. Wire rope socket. 2,347,229; Apr. 25.
Woodbury, Robert L., Litchfield, Conn. Climber. 2,362,518; Nov. 14.
Woodbury, Stephen E., Jr. (See Woodbury, Stephen E. and S. E., Jr.)
Woodbury, Stephen E., assignor to Reid Brothers Company, Inc., Beverly, Mass. Exhaust hood. 2,345,958; Apr. 4.
Woodbury, Stephen E. and S. E., Jr., assignors to Reid Brothers Company, Inc., Beverly, Mass. Grinding machine. 2,340,096; Jan. 25.
Wooddell, Charles E., assignor to The Carborundum Company, Niagara Falls, N. Y. Reinforced abrasive article. 2,353,864; July 18.
Woodfield Engineering Limited. (See Spooner, Reginald A. W., assignor.)
Woodford, Joseph C., Wayne, assignor to John Wood Manufacturing Company, Inc., Conshohocken, Pa. Counter resetting mechanism. 2,356,294; Aug. 22.
Woodhall, Edwin J., Akron, Ohio, assignor to The American Racing Pigeon Union, Jersey City, N. J. Time recording mechanism. 2,354,934; Aug. 1.
Woodhull, Frederick W., Millington, N. J., assignor of three per cent to F. H. R. Connell, Denning, N. Y., two per cent to D. Kuser, as trustee, and one and one-half per cent to L. M. Kuser, Bernardsville, N. J. Combined cocking device and rear sight for guns. 2,353,283; July 11.
Woodin, Charles K. (See Sebo, Joseph, assignor.)
Woodin, Walter F., Rolfe, Iowa. Remote control relay. 2,348,432; May 9.
Woodings-Verona Tool Works. (See Skowron, Edmund A., assignor.)
Woodland, Cecil R. (See Simpson, L. M., and Woodland.)
Woodling, George V., Cleveland, Ohio. Making brush elements. 2,363,217; Nov. 21.
Woodling, George V., et al., co-trustees. (See Jackman, Elmer F., assignor.)
Woodman, Charles K., Beverly, assignor to United Shoe Machinery Corporation, Flemington, N. J. Manufacture of shoes. 2,342,176; Feb. 22.
Woodman, Kenneth L., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Warming pad. 2,340,097; Jan. 25.
Woodman, Kenneth L., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Steam iron. 2,342,716; Feb. 29.
Woodman, Kenneth L., Mansfield, Ohio., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Steam iron. 2,353,425; July 11.
Woodman, Kenneth L., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsfield, Pa. Thermostat. 2,363,376; Nov. 21.
Woodman, Kenneth L., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Automatic temperature control for electric coffee makers. 2,365,615; Dec. 19.
Woodman, Thomas C., assignor to British Celanese Limited, London, England. Translucent structure. 2,359,347; Oct. 3.

Woodmark, Glenn E., assignor to The Maico Company, Incorporated, Minneapolis, Minn. Crystal container. 2,361,343; Oct. 24.

Woodruff, Albert E., Oak Park, Ill., assignor to Automatic Electric Laboratories, Inc. Substation circuit. 2,344,338; Mar. 14.

Woods, Harold A. (See McOmie, R. W., and Woods.)

Woods, Harold A., and J. M. Plantfeber, Martinez, assignors to Shell Development Company, San Francisco, Calif. Lithium soap grease. 2,351,384; June 13.

Woods, Joe F. (See Morgan, E. B., and Woods.)

Woods, John P. (See Merten, E., and Woods.)

Woods, Robert A., Penn Township, Allegheny County, and W. E. Smith, Edgewood, assignors to The Union Switch & Signal Company, Swissvale, Pa. Circuit controller. 2,360,998; Oct. 24.

Woods, Robert J., Grand Island, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Aircraft gearing. 2,340,241; Jan. 25.

Woods, Robert J., Grand Island, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Airplane construction. 2,346,809; Apr. 18.

Woods, Robert J., Grand Island, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Wing slot closure member. 2,352,144; June 20.

Woods, William H., Garden City, assignor to Square D Company, Detroit, Mich. Circuit breaker. 2,352,928; July 4.

Woodson, Omer L., assignor to Bell Aircraft Corporation, Buffalo, N. Y. Aircraft covering attachment. 2,338,612; Jan. 4.

Woodson, Robert A., assignor to Eastman Kodak Company, Rochester, N. Y. Optical system. 2,360,298; Oct. 10.

Woodstock Typewriter Company. (See Koca, James F., assignor.)

Woodward, Clement A., Dedham, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Fastener and fastener assembly. 2,347,863; May 2.

Woodward, David W. (See Kirby, J. E., and Woodward.)

Woodward, David W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo reversal process of color photography. 2,342,620; Feb. 22.

Woodward, David W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Color photography utilizing immobile 2-subetituted-1-naphthylamines. 2,362,519; Nov. 14.

Woodward, David W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Substituted propylaminoaromatic sulphonic acids.. 2,364,033; Nov. 28.

Woodward, David W., and D. M. McQueen, assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Color development process using aromatic hydrazines. 2,339,213; Jan. 11.

Woodward, Glen F., assignor of forty-five percent to P. Kees, Chicago, Ill. Game apparatus. 2,344,193; Mar. 14.

Woodward Governor Company. (See Whitehead, Willard J., assignor.)

Woodward, Harold E. (See Libby, J. W., Jr., and Woodward.)

Woodward, Harold E. (See Rossander, S. S., Libby, and Woodward.)

Woodward, Wallace W., Chicago, Ill., assignor to The Brown Instrument Company, Philadelphia, Pa. Control system. 2,348,670; May 9.

Woodward, William H., Detroit, Mich. Lamp reflector mounting. 2,358,843; Sept. 26.

Woodward, William H., Detroit, Mich. Adjustable bracket. 2,358,844; Sept. 26.

Woodward & Wright Last Co. (See Landers, A. D., and Lindsay, assignors.)

Woodworth, Carroll L., Pasadena, assignor to Gladding, McBean & Co., Los Angeles, Calif. Sound deadening wall construction. 2,341,305; Feb. 8.

Woodworth, Frederick B. (See Embiricos, A. M., and Woodworth.)

Woodworth, N. A., Company. (See Hohwart, George, assignor.)

Woody, Albert L., Homewood, Ill. Forming guide for engraving machines. 2,350,704; Oct. 3.

Woody, Wayland B., and M. G. Scott, assignors to Franks Manufacturing Corporation, Tulsa, Okla. Derrick structure. 2,358,755; Sept. 19.

Woog, Paul, Paris, France; vested in the Alien Property Custodian. Treatment of hydrocarbons. 2,352,059; June 20.

Wooldridge Manufacturing Company. (See Berner, Leo, assignor.)

Woolf, Baron, and F. H. Hadley, Selly Oak, Birmingham, England. Show card. 2,361,141; Oct. 24.

Woolf, Mark V. (See Langley, John E., assignor.)

Woolley, Loren D. (See Shultz, F. A., Speckman, Woolley, Mahlmeister, and Barnum.)

Woolley, Raymond L., Los Angeles, Calif. Power plant. 2,357,041; Aug. 29.

Woolley, Vasser, assignor to Seydel-Woolley & Company. Atlanta, Ga. Conditioning yarn on bobbins etc. 2,347,978; May 2.

Woolman, Harold A., Allegheny County, assignor to The Brown Instrument Company, Philadelphia, Pa. Temperature measuring instrument. 2,339,127; Jan. 11.

Woolslayer, Homer J., E. A. Campbell, and C. Jenkins, Tulsa, Okla., assignors to Lee C. Moore & Company, Inc., Pittsburgh, Pa. Mast structure and erection. 2,363,106; Nov. 21.

Woolslayer, Homer J., E. A. Campbell, and C. Jenkins, Tulsa, Okla., assignors to Lee C. Moore & Company, Inc., Pittsburgh, Pa. Mast base. 2,365,370; Dec. 19.

Woolson, Harry T. (See Hunt, J. H., and Woolson.)

Wooten, Cecil B., El Nido, Calif. Leaf separator. 2,364,335; Dec. 5.

Wooten, Leland A. (See Holdaway, V. L., Thurber, and Wooten.)

Wooten, Leland A. (See Thurber, E. A., and Wooten.)

Wooten, Leland A., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device and manufacture. 2,348,045; May 2.

Wooten, Ralph, Roundup, Mont. Shovel shifting tool for loading machines. 2,354,167; July 18.

Wootton, William C. (See Mappes, C. E., and Wootton.)

Wopper, Franz. (See Mayer, F., and Wopper.)

Worcester, Joseph A., Jr., Fairfield, Conn., assignor to General Electric Company. Push-pull circuit. 2,350,858; June 6.

Worel, Glen J., assignor to Thexton Manufacturing Company, Minneapolis, Minn. Cable clamp. 2,341,970; Feb. 15.

Worel, Glen J., assignor to Thexton Manufacturing Company, Minneapolis, Minn. Piston expander for T-slotted and unslotted piston skirts. 2,355,937; Aug. 15.

Worgess, John D., Jacksonville, Fla. Vehicle luggage compartment door operator. 2,352,929; July 4.

Work, Robert H. (See O'Kelly, A. A., and Work.)

Work, Robert H. (See Sachanen, A. N., O'Kelly, and Work.)

Workman, Arnold R., Malverne, assignor to Cities Service Oil Company, New York, N. Y. Sweetening light hydrocarbon oils. 2,338,371; Jan. 4.

Workman, Arnold R., Malverne, assignor to Cities Service Oil Company, New York, N. Y. Catalytic conversion of hydrocarbons with mixed catalysts. 2,353,119; July 4.

Workman, Ernest R., Chicago, Ill. Banding machine. 2,356,904; Aug. 29.

Workman, Ora J., Anaconda, Mont. Door. 2,362,789; Nov. 14.

Wormeley, Philip L., assignor of one-half to O. E. Fearn, Washington, D. C. Clamping hose and couplings. 2,340,852; Feb. 8.

Worn, George A., Greenwich, Conn. Heat exchanger. 2,350,976; June 6.

Worne, Howard E., assignor to S. Brass, Newark, N. J. Manufacture of esters. 2,352,582; June 27.

Worsham, Elwood H., Washington, D. C. Vending machine. 2,342,505; Feb. 22.

Worth, Leo F., assignor to Hamilton Manufacturing Company, Two Rivers, Wis. Combined hold-down and tear-off strap. 2,339,828; Jan. 25.

Worth, Weldon, Dayton, Ohio. Viscosity control valve. 2,349,327; May 23.

Worth, Weldon, Dayton, Ohio. Clamp. 2,361,520; Oct. 31.

Worthington, Edward B. (See Ballinger, J. O., and Worthington.)

Worthington, Emory W. (See Taylor, A., and Worthington.)

Worthington, Hood, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Yarn winding. 2,345,544; Mar. 28.

Worthington Pump and Machinery Corporation. (See Robinson, Merrill P., assignor.)

Worthington Pump and Machinery Corporation. (See Sebald, Joseph F., assignor.)

Worthington Pump and Machinery Corporation. (See Sebald, J. F., and Kazutow, assignors.)

Worthington Pump and Machinery Corporation. (See Sebald, J. F., Robinson, and Wood, assignors.)

Worthington Pump and Machinery Corporation. (See Thomann, A. W., and Wisilicenus, assignors.)

Worthington Pump and Machinery Corporation. (See Wisilicenus, George F., assignor.)

Wortman, O. W. (See Sarver, Emmett F., assignor.)

Woszczyna, Stanley J., New Britain, Conn. Bore locator for lathes. 2,343,164; Feb. 29.

Wourters, Wilbur A., et al. (See Parnell, Walter H., assignor.)

Wrathall, Jay R., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Dynamometer. 2,363,377; Nov. 21.

Wray, Lawrence A. (See Bard, F. N., Breitenstein, Olds, and Wray.)

Wray, Robert J., Modesto, Calif. Plow. 2,364,887; Dec. 12.

Wright Aeronautical Corporation. (See Browne, Kenneth A., assignor.)

Wright Aeronautical Corporation. (See Browne, K. A., and Pierce, assignors.)

Wright Aeronautical Corporation. (See Chilton, Allan, assignor.)

Wright Aeronautical Corporation. (See Chilton, Roland, assignor.)

Wright Aeronautical Corporation. (See Daub, Rudolph, assignor.)

Wright Aeronautical Corporation. (See Hill, Henry C., assignor.)

Wright Aeronautical Corporation. (See Lundquist, Wilton G., assignor.)

Wright Aeronautical Corporation. (See Meyer, Fred C., assignor.)

Wright Aeronautical Corporation. (See Moore, Vincent T., assignor.)

Wright Aeronautical Corporation. (See Nutt, Arthur, assignor.)

Wright Aeronautical Corporation. (See Preece, Eric, assignor.)

Wright Aeronautical Corporation. (See Wiegand, Francis J., assignor.)

Wright, Arthur E., et al. (See Carol, James E., assignor.)

Wright-Batchelder Corporation. (See Wright, Wallace C., assignor.)

Wright, Bruce R., Lakewood, assignor to Centrifix Corporation, Cleveland, Ohio. Smoker's article. 2,360,628; Oct. 17.

Wright, Calvert C., State College, assignor to Pennsylvania Bituminous Coal Research, Inc., Altoona, Pa. Stoker. 2,362,604; Nov. 14.

Wright, Charles A., Philadelphia, Pa. Shear. 2,346,100; Apr. 4.

Wright, Charles C., McMinnville, Oreg. Nut-cracking machine. 2,339,596; Jan. 18.

Wright, Claude L., and W. H. Holland, Harper, Oreg. Loading attachment for trucks. 2,339,900; Jan. 25.

Wright, Cletus P., Cleveland, Ohio. Preinsulated pipe hanger unit. 2,352,145; June 20.

Wright, David C., Euclid, assignor to The Electric Controller & Manufacturing Company, Cleveland, Ohio. Motor control system. 2,351,796; June 20.

Wright, Donald L., Westfield, N. J., assignor to Standard Oil Development Company. Protecting plate glass in storage. 2,340,918; Feb. 8.

Wright, Donald L., Westfield, N. J., assignor, by mesne assignments, to Jasco, Incorporated. High temperature lubricant. 2,356,367; Aug. 22.

Wright, Eddie G., Oakland, Calif. Insect trap. 2,356,022; Aug. 15.

Wright, Edgar E., Whitestone, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Forming contacts on metal oxide-metal rectifiers. 2,362,228; Nov. 7.

Wright, Ervin, et al. (See Turner, Leon E., assignor.)

Wright, Evan H. (See Roeder, D., and Wright.)

Wright, Frank R., et al. (See Foster, Sampson D., assignor.)

Wright, Fred J., Powell, Ohio, assignor to The Jeffrey Manufacturing Company. Conveyer mechanism. 2,347,346; Apr. 25.

Wright, Harry. (See Engel, Leonard J., assignor.)

Wright, Horace C., and I. Jepson, assignors to Chicago Flexible Shaft Company, Chicago, Ill. Cooking device. 2,347,385; Apr. 25.

Wright, John. (See Oipin, H. C., and Wright.)

Wright, Joseph, and H. Trevaskis, Hampton Lane, Solihull, assignors to Dunlop Rubber Company, Limited, London County, England. Protective device for landing wheels of aircraft. 2,349,67; May 16.

Wright, Kenneth A., Los Angeles, assignor to B and W, Inc., Long Beach, Calif. Method for conditioning well bores. 2,338,372; Jan. 4.

Wright, Le Moine, Wilmington, Del. Treating rubber hydrochloride film. 2,359,956; Oct. 10.

Wright, Manfred G., Kokomo, Ind., assignor to General Motor Corporation, Detroit, Mich. Gauge. 2,346,406; Apr. 11.

Wright, Manfred G., and M. W. Gaiser, Kokomo, Ind., assignors to General Motors Corporation, Detroit, Mich. Gauge. 2,357,569; Sept. 5.

Wright, Paul, Birmingham, Ala. Arch and wall. 2,346,638; Apr. 11.

Wright, R. G., Company. (See Klaiber, F. L., and Clark, assignors.)

Wright, Ralph J., Berkeley, Calif. Fishing pole and reel. 2,342,993; Feb. 29.

Wright, Russell B., Washington, D. C. Pendulum support. 2,364,651; Dec. 12.

Wright, Stephen G., Chicago, Ill. Making roofing granules. 2,344,073; Mar. 14.

Wright, Sumner B., South Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Amplitude range control in signal transmission systems. 2,344,012; Mar. 14.

Wright, Theodore M., assignor to The Rudolph Wurlitzer Company, North Tonawanda, N. Y. Selector mechanism for automatic phonographs. 2,345,545; Mar. 28.

Wright, Thomas E., Chicago, Ill. Commodity package for cigarettes and the like. 2,346,407; Apr. 11.

Wright, Wallace C., Brookfield, N. H. Welt insole. 2,347,530; Apr. 25.

Wright, Wallace C., Brookfield, N. H. Welt insole and preformed sewing rib therefor. 2,355,383; Aug. 8.

Wright, Wallace C., Brookfield, N. H., assignor to Wright-Batcheider Corporation, Boston, Mass. Welt insole. 2,363,455; Nov. 21.

Wright, Wallace C., Brookfield, N. H., assignor to Wright-Batcheider Corporation, Boston, Mass. Sewing rib for welt insoles. 2,363,456; Nov. 21.

Wright, Wallace C., Sanbornville, N. H. Making welt insoles. 2,348,583; May 9.

Wright, Wm. B. (See Miller, Ernest B., assignor.)

Wright, William G., St. Louis, Mo. Wheel and axle connection. 2,350,439; June 6.

Wright, William S., Newark, Ohio. Fluid reservoir. 2,352,751; July 4.

Wrighton, William J., and T. C. Jarrett, assignors to American Optical Company, Southbridge, Mass. Manufacturing metal bar stock. 2,360,185; Oct. 10.

Wrightsman, Gilbert G. (See Buckley, S. E., and Wrightsman.)

Wrightsman, Gilbert G. (See Leverett, M. C., and Wrightsman.)

Wrigley, Florence E., Woodstock, Ill. Foundation garment. 2,343,607; Mar. 7.

Wrigley, Wm., Jr., Company. (See Saladin, Lawrence J., assignor.)

Wrigley, Wm., Jr., Company. (See Wynne, L., and Potter, assignors.)

Wrobbel, Rudolph, Lancaster, assignor to American Car and Foundry Company, New York, N. Y. Grapple. 2,342,506; Feb. 22.

Wroby, Norman W., Tenafly, N. J., assignor, by mesne assignments, to Allied Chemical & Dye Corporation. Temperature control of catalytic converters. 2,355,938; Aug. 15.

Wuerts, Alexander J., and D. X. Klein, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Dihydroxy-monoarylaminoanthraquinones and preparing them. 2,341,891; Feb. 15.

Wuertz, Alexander J., Wilmington, Del., and J. Deinet, Glassboro, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Printing composition. 2,346,957; Apr. 18.

Wuertz, Alexander J., and D. X. Klein, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Anthraquinone dyestuffs. 2,353,108; July 4.

Wulff, Frank D., Chicago, Ill. Lawn mower blade sharpener. 2,347,864; May 2.

Wulff, John, Cambridge, Mass. Metal powder. 2,354,727; Aug. 1.

Wulff, John, Cambridge, Mass. High-grade alloy powder production. 2,356,807; Aug. 29.

Wulff, John, Cambridge, Mass. Metal powders. 2,359,401; Oct. 3.

Wulff, John, Cambridge, Mass. Producing metal powders. 2,361,443; Oct. 31.

Wulff Process Company. (See Hincke, William B., assignor.)

Wulff, Siegfried, Stuttgart-Bad Cannstatt, Germany; vested in the Alien Property Custodian. Independent wheel suspension. 2,338,478; Jan. 4.

Wulff, Siegfried, Stuttgart-Bad Cannstatt, Germany; vested in the Alien Property Custodian. Wheel suspension for vehicles. 2,351,650; June 20.

Wulff, Siegfried, Stuttgart-Bad Cannstatt, Germany; vested in the Alien Property Custodian. Independent wheel suspension. 2,351,651; June 6.

Wullschleger, Arthur C., Wichita, Kans. Lighting control system. 2,346,889; Apr. 18.

Wulstein, Charles, New York, N. Y. Attachment for work benches. 2,347,760; May 2.

Wunderer, Anton. (See Herrmann, O., Wunderer, and Böttger.)

Wunderlich, Friedrich, Nuremberg, Germany; vested in the Alien Property Custodian. Typewriting machine with covering hood. 2,344,118; Mar. 14.

Wunderlich, Herbert C. (See Meese, G. E., Wunderlich, and Marshaus.)

Wunsch, Güido, Berlin-Steglitz, Germany; vested in the Alien Property Custodian. Fuel feeding device for internal combustion engines. 2,341,257; Feb. 8.

Wünsch, Guido, A. Kronenberger, and K. Bauer, Berlin, Germany; vested in the Alien Property Custodian. Angular rate gyroscope for automatic steering. 2,345,169; Mar. 28.

Wuppermann, Theodor, Leverkusen-Schlebusch, near Cologne-on-the-Rhine, and F. Koenig, Cologne-Mulheim, Germany; vested in the Alien Property Custodian. Adjustable bearing. 2,348,873; May 16.

Wurger, Emile, Le Locle, Switzerland. Film guiding and feeding device for cinematographic apparatus. 2,355,930; Aug. 15.

Wurlitzer, Rudolph, Company, The. (See Hull, C. J., and Osborne, assignors.)

Wurlitzer, Rudolph, Company, The. (See Sloan, Edward C., assignor.)

Wurlitzer, Rudolph, Company, The. (See Wright, Theodore M., assignor.)

Wurton Machine Company. (See Touton, Rush D., assignor.)

Wurts, Clifford H. (See Schweller, E. F., and Wurtz.)

Wussow, Reinhard, Berlin-Charlottenburg, and F. W. Fechner, Hamburg, Germany; vested in the Alien Property Custodian. Ice plant operating with compression and evaporation. 2,364,016; Nov. 28.

Wüsteney, Herbert, Berlin-Wilmersdorf, and E. Lolkes, Berlin-Staaken, Germany; vested in the Alien Property Custodian. Telegraphic receiving perforator. 2,352,060; June 20.

Wyandotte Chemicals Corporation. (See Beecher, B. K., and Roderick, assignors.)

Wyandotte Chemicals Corporation. (See Hill, Eugene F., assignor.)

Wyandotte Chemicals Corporation. (See Hughes, A. E., Browne, and Roderick, assignors.)
Wyandotte Chemicals Corporation. (See Smith, C. E., and Vaughn, assignors.)
Wyandotte Chemicals Corporation. (See Soderberg, R. W., assignor.)
Wyatt, Eric H., High Wycombe, England. Stackable chair and the like. 2,362,426; Nov. 7.
Wyckoff, Anna S. (See Stapff, Frederick W., assignor.)
Wyckoff, George H. (See Scully, J. T., and Wyckoff.)
Wyckoff, Ralph W. G., Suffern, assignor to Lederle Laboratories, Inc., New York, N. Y. Hog cholera vaccine. 2,364,579; Dec. 5.
Wycliffe Foundry & Engineering Co. Limited. (See Burnett, Guy, assignor.)
Wynn, Peter A., Minster, Ohio. Portable scaffold structure. 2,360,999; Oct. 24.
Wyld, Reginald G., Dayton, Ohio, assignor to Chrysler Corporation, Detroit, Mich. Bayonet catch mounting for furnaces. 2,355,896; Aug. 15.
Wyld, Reginald G., Dayton, Ohio, assignor to Chrysler Corporation, Detroit, Mich. Draft regulation for furnaces. 2,355,897; Aug. 15.
Wyler, Joseph A., assignor to Trojan Powder Company, Allentown, Pa. Preparation of cyclo-trimethylene-trinitramine. 2,355,770; Aug. 15.
Wyler, Joseph A., assignor to Trojan Powder Company, Allentown, Pa. Recovery of pentaerythritols. 2,360,186; Oct. 10.
Wylie, William D., Winston-Salem, N. C. Resilient ventilated shoe. 2,344,762; Mar. 21.
Wyllie, John, Jr., assignor to Temprite Products Corporation, Detroit, Mich. Beverage cooling apparatus. 2,339,229; Jan. 11.
Wyllie, John, Jr., assignor to Temprite Products Corporation, Detroit, Mich. Photographic developing apparatus. 2,346,530; Apr. 11.
Wyman, Charles W., Claremont, N. H., assignor to Sullivan Machinery Company. Electrical controlling apparatus. 2,358,198; Sept. 12.
Wyman, Edwin T. (See Bowman, Edward F., assignor.)
Wyman, Edwin T., Brookline, Mass. Protective sheath for surgical and medical use. 2,348,773; May 16.
Wyman, Edwin T., Brookline, Mass. Preventing leakage in rubber articles and the like. 2,360,925; Oct. 24.
Wynn, Harold S., Pittsford, N. Y., assignor to General Railway Signal Company, Rochester, N. Y. Coded track circuit signaling system. 2,350,657; June 6.
Wynn, Samuel J. (See Brandt, D. G., and Wynn.)
Wynne, Charles G. (See Warmisham, A., and Wynne.)
Wynne, Lloyd, Evanston, and E. C. Potter, assignors to Wm. Wrigley Jr. Company, Chicago, Ill. Carton. 2,339,445; Jan. 18.
Wyrick, Clayton E., assignor to The Egry Register Company, Dayton, Ohio. Typewriter controller. 2,354,082; July 18.
Wyrick, Clayton E., Miami, Fla., assignor to The Egry Register Company, Dayton, Ohio. Auxiliary ribbon feeder attachment. 2,359,502; Oct. 3.
Wyrick, Clayton E., Miami, Fla., assignor to The Egry Register Company, Dayton, Ohio. Typewriter controller. 2,365,317; Dec. 19.
Wyrick, Clayton E., Miami, Fla., assignor to The Egry Register Company, Dayton, Ohio. Handling paper on business machines. 2,365,318; Dec. 19.
Wyseaver, Floyd J., assignor of one-half to H. C. Parker, Washington, D. C. Device for handling incendiary bombs. 2,350,207; May 30.
Wysong, Charles F. (See Ferst, M. A., and Wysong.)
Wysong, Gladys H. (See Wysong, Marcellus E., assignor.)
Wysong, Marcellus E., New York, N. Y., assignor to G. H. Wysong, St. Paul, Minn. Decalcomania. 2,359,185; Sept. 26.
Wyss, Chris, Tillamook, Oreg. Lock for pipe joints. 2,355,407; Aug. 8.
Wyss, Chris, Tillamook, Oreg. Valve and pipe connection. 2,355,408; Aug. 8.
X-L Chemicals, Incorporated. (See Moore, David P., assignor.)
Xenis, Constantine P., Little Neck, L. J. Parsons, Queens Village, W. Perine, Halesite, R. E. King, Brooklyn, and H. A. Bauman, Forest Hills, assignors to Consolidated Edison Company of New York, Inc., New York, N. Y. Method and apparatus for indicating efficiency of boilers or the like. 2,341,407; Feb. 8.
Xenis, Constantine P., Douglas Manor, and Woodman Perine, Halesite, assignors to Consolidated Edison Company of New York, Inc., New York, N. Y. Method and apparatus for indicating the fuel rate and efficiency of power plants. 2,342,567; Feb. 22.
Xenis, Constantine P., Little Neck, L. J. Parsons, Queens Village, W. Perine, Halesite, R. E. King, Brooklyn, and H. A. Bauman, Forest Hills, assignors to Consolidated Edison Company of New York, Inc., New York, N. Y. Method and apparatus for indicating efficiency of turbo-generators and other power plant equipment. 2,357,921; Sept. 12.
Xylon Closure Corporation. (See Johnson, Archie R., assignor.)
Yablonsky, Joseph L., Fairfield, assignor to Remington Arms Company, Inc., Bridgeport, Conn. Gauging machine. 2,364,263; Dec. 5.
Yabroff, David L. (See Nixon, A. C., and Yabroff.)
Yackel, Edward C. (See Kenyon, W. O., and Yackel.)
Yaeger, Harry C., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,362,229; Nov. 7.
Yaggy, Luther M., Bagley, Minn. Leak mender. 2,348,273; May 9.
Yakima Chief Ranches, Inc. (See Lamoureux, Joseph M., assignor.)
Yale & Towne Manufacturing Company, The. (See Carliss, Oswald S., assignor.)
Yale & Towne Manufacturing Company, The. (See Groves, Warren W., assignor.)
Yale & Towne Manufacturing Company, The. (See Heyer, Frederic K., assignor.)
Yale & Towne Manufacturing Company, The. (See Johnstone, Theodore H., assignor.)
Yale & Towne Manufacturing Company. (See Ledin, C., and Andrew, assignors.)
Yale & Towne Manufacturing Company, The. (See Lock, Frank, assignor.)
Yale & Towne Manufacturing Company, The. (See Quayle, George, assignor.)
Yale & Towne Manufacturing Company, The. (See Schroeder, Charles S., assignor.)
Yale and Towne Manufacturing Company, The. (See Shackleton, H., and Pochin, assignors.)
Yale & Towne Manufacturing Company, The. (See Spain, Roy C., assignor.)
Yale & Towne Manufacturing Company, The. (See Ulinski, Bronislaus, assignor.)
Yancey, Charles R., Dallas, Tex. Game missile. 2,338,274; Jan. 4.
Yancey, John R., assignor to Gray Tool Company, Houston, Tex. Wellhead equipment. 2,356,122; Sept. 12.
Yancey, John R., assignor to Gray Tool Company, Houston, Tex. Well head equipment including back pressure valve and removal tool. 2,358,677; Sept. 19.
Yanchenko, Basil J., assignor to The Prosperity Company, Inc., Syracuse, N. Y. Safety control for punch presses and the like. 2,339,214; Jan. 11.
Yanchenko, Basil J., assignor to Protectall Motor Signal, Inc., Syracuse, N. Y. Direction indicator switch. 2,340,356; Feb. 1.
Yanchenko, Basil J., assignor to The Prosperity Company, Inc., Syracuse, N. Y. Safety operating control for machines. 2,344,763; Mar. 21.
Yanchenko, Basil J., New York, assignor to The Prosperity Company, Inc., Syracuse, N. Y. Textile press timer. 2,346,244; Apr. 11.
Yanchenko, Basil J., and H. A. Steele, assignors to Protectall Motor Signal, Inc., Syracuse, N. Y. Turn signal switch. 2,343,355; Mar. 7.
Yankfrank, Inc. (See Serr, William F., assignor.)
Yant, William P., Murraysville, and J. P. Strange, Wilkinsburg, assignors to Mine Safety Appliances Company, Pittsburgh, Pa. Flow regulating valve. 2,365,371; Dec. 19.
Yarbrough, Arthur L., assignor to Vera E. Yarbrough, Fullerton, Calif. Cartridge. 2,362,738; Nov. 14.
Yarbrough, Thomas H., and J. P. Wheat, Waco, Tex. Pressure switch. 2,345,023; Mar. 28.
Yarbrough, Vera E. (See Yarbrough, Arthur L., assignor.)
Yardeny, Michel M., New York, N. Y. Electric controlling device. 2,342,717; Feb. 29.
Yardeny, Michel N., New York, N. Y. Flashlight attachment. 2,363,825; Nov. 28.
Yardeny, Michel N., New York, N. Y., assignor to American Type Founders, Incorporated, Elisabeth, N. J. Black-out flashlight attachment. 2,347,531; Apr. 25.
Yardeny, Michel N., New York, N. Y., assignor to American Type Founders, Incorporated, Elisabeth, N. J. Flashlight. 2,347,532; Apr. 25.
Yarmolowich, William C., assignor of one-fourth to L. Bacon, Alliance, Ohio. Adjustable scaffold hanger for ladders. 2,351,310; June 13.
Yarrum, Inc. (See Murray, T. E., assignor), and Phelps.)
Yaruss, Harry G., Brooklyn, assignor to J. F. Jelenko & Co. Inc., New York, N. Y. Centrifugal casting apparatus. 2,338,560; Jan. 4.
Yeahan, Leonard A., Portland, Oreg., assignor to L. D. Reeder, doing business as L. D. Reeder Co., Los Angeles, Calif. Roller shade. 2,350,085; May 30.
Yassin, Ivor B., Cambridge, Mass. Portable bridge structure. 2,363,767; Nov. 28.
Yates, Charles. (See Klein, E. F., and Yates.)
Yates, De Witt E., Chippewa Falls, Wis., assignor to W. S. Darley & Company, Chicago, Ill. Centrifugal pump. 2,361,521; Oct. 31.
Yates, John, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Vented package. 2,361,344; Oct. 24.
Yates, Robert E., assignor to Drying Systems, Inc., Chicago, Ill. Burner safety control. 2,360,532; Oct. 17.
Yates, Wallace J. (See Boissonou, C. J., and Yates.)
Yates, William H., Chicago, and L. W. Staunton, Evanston, assignors to Trimz Company Inc., Chicago, Ill. Hanging pre-pasted wallpaper. 2,347,865; May 2.
Yeadon, John R., Lynn, Mass., assignor to General Electric Company. Welding apparatus. 2,361,896; Oct. 31.
Yeasting, Maynard C., Highland Park, Mich., assignor, by mesne assignments, to Toledo Scale Company, Toledo, Ohio. Dynamometer. 2,355,264; Aug. 8.

Yeatman, Charles A., Los Angeles, assignor to Shell Development Company, San Francisco, Calif. Method and apparatus for setting well casings. 2,346,060; Apr. 4.
Yee, Ming Hor. (See Gene, Frank.)
Yellen, Joseph W., New York, N. Y. Spar-deck portable plate frame. 2,352,674; July 4.
Yellin, Morris, Chicago, Ill. Method and machine for forming plastic spirals. 2,363,826; Nov. 28.
Yellott, Kinloch N. (See Swartz, M. D., and Yellott.)
Yendall, Edward F. (See Zenner, G. H., and Yendall.)
Yenser, George R., Queens Village, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Vibration translating device. 2,347,347; Apr. 25.
Yeoman, Ray C., assignor to Texas Foundries, Inc., Lufkin, Tex. Load transfer device and tie bar. 2,355,771; Aug. 15.
Yeomans, Alfred H. (See Latta, R., and Yeomans.)
Yeomans Brothers Company. (See Ciabattari, Emil J., assignor.)
Yeomans, Lucien I., Chicago, Ill. Distributing fluid in accurately measured quantities. 2,364,264; Dec. 5.
Yeomans, Lucien I., Inc. (See Clausen, De Witt, assignor.)
Yerian, Harold W., Cumberland, Ohio. Battery service tool. 2,351,250; June 13.
Yerkes, Leland A., Boulder City, Nev. Separation of molten magnesium from molten salt baths. 2,355,130; Aug. 8.
Yerrick, William D. (See Karlsson, P. H., and Yerrick.)
Yerrick, William D., S. Holm, and A. Jensen, Wellsville, assignors to The Air Preheater Corporation, New York, N. Y. Reactor. 2,355,024; Aug. 1.
Yerzley, Felix L., Verona, N. J. Spring. 2,353,952; July 18.
Yingling, Carl S., Metuchen, N. J., assignor to Foster Wheeler Corporation, New York, N. Y. Cooling tower. 2,356,192; Aug. 22.
Yingling, Frank B., Hamilton, Ohio. Reversible rotary blower. 2,355,494; Aug. 8.
Yoder, Carl M., et al. (See Morris, Howard I., assignor.)
Yoder, Carl M., Lakewood, Ohio. Mechanism for shaping sheet metal. 2,352,675; July 4.
Yoder Company, The. (See Allardt, Ernst W., assignor.)
Yoder Company, The. (See Babb, Claude R., assignor.)
Yoder Company, The. (See Vander Linde, Egbert, assignor.)
Yoder, Harvey O., et al. (See Morris, Howard I., assignor.)
Yoder, Lester, assignor to Iowa State College Research Foundation, Ames, Iowa. Treatment of sterol-containing substrates. 2,362,605; Nov. 14.
Yoder, Raymond S., and H. B. Saunders, assignors to Galvin Manufacturing Corporation, Chicago, Ill. Antenna system. 2,357,788; Sept. 5.
Yoeckel, Ralph H. (See Smith, L. R., and Yoeckel.)
Yomanias, Walter. (See Desch, C., and Yomanias.)
Yonkers, Edward H., Jr. (See Meaker, J. W., and Yonkers.)
Youker, Mortimer A., Gordon Heights, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Accelerating the polymerization of haloprenes. 2,365,035; Dec. 12.
York Corporation. (See Patterson, Velt C., assignor.)
York Corporation. (See Pownall, Henry B., assignor.)
York Corporation. (See Soling, S. P., and Pownall, assignors.)
York Research Corporation. (See Schlieben, E. W., and Friedman, assignors.)
York Safe and Lock Company. (See Bescherer, Palmer, assignor.)
York Safe and Lock Company. (See Rickrode, William C., assignor.)
York, William P. (See Balcomb, Carl B., assignor.)
Yoshimura, Rinnosuke. (See Arimori, T., Konishi, Ishibashi, and Yoshimura.)
Yost, Irvine A., and E. H. R. Pegg, Lakewood, Ohio, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Self-cleaning electrical precipitator. 2,352,061; June 20.
Yost, Karl M., Beloit, Wis., assignor to Warner Electric Brake Manufacturing Company, South Beloit, Ill. Brake. Re. 22,463; Mar. 28.
Yost, Kenneth J., Westport, assignor to Remington Arms Company, Inc., Bridgeport, Conn. Article classifying device. 2,356,295; Aug. 22.
Yost, Lloyd, Los Angeles, Calif., assignor to A. O. Smith Corporation, Milwaukee, Wis. Ball thrust bearing for well drilling units. 2,348,046; May 2.
Yost, Lloyd, Los Angeles, Calif., assignor to A. O. Smith Corporation, Milwaukee, Wis. Mud turbine and assembling the same. 2,348,047; May 2.
Yost, Lloyd, Los Angeles, Calif., assignor to A. O. Smith Corporation, Milwaukee, Wis. Oil well drilling unit. 2,353,534; July 11.
Yost, Lloyd, Los Angeles, Calif., assignor to A. O. Smith Corporation, Milwaukee, Wis. Bending machine. 2,354,566; July 25.
Youhill, Joseph, Staines, assignor to D. Napier & Son Limited, London, England. Manufacture of nuts and other screw-threaded members. 2,352,505; June 27.
Youhouse, Joseph, Fairfield, assignor to Casco Products Corporation, Bridgeport, Conn. Power operator. 2,339,829; Jan. 25.
Youhouse, Joseph, Fairfield, assignor to Casco Products Corporation, Bridgeport, Conn. Portable motor driven device. 2,342,319; Feb. 22.
Young, Allan M., Meriden, and J. C. Adams, Fairfield, assignors, by mesne assignments, to Manning, Bowman & Co., Meriden, Conn. Waffle iron and the like. 2,354,240; July 25.
Young, Arthur A., Manchester, N. H., assignor to Anchor Manufacturing Company, Boston, Mass. Meter mounting. 2,345,084; Mar. 28.
Young, Arthur A., Manchester, N. H., assignor to Anchor Manufacturing Company, Boston, Mass. Meter mounting. 2,349,645; May 23.
Young, Aubrey A. (See Hales, R. A., Almy, Young, and Pratt.)
Young, Austin E. (See Cook, C. L., and Young.)
Young, Austin E., assignor to Syracuse Chilled Plow Company, Inc., Syracuse, N. Y. Plow. 2,340,165; Jan. 25.
Young, Bernard A., Oakland, Calif. Line blind assembly. 2,339,970; Jan. 25.
Young, Betty J., et al. (See Young, William D., assignor.)
Young, Campbell. (See Bentley, E. J., and Young.)
Young, Charles A. (See Lee, H. R., and Young.)
Young, Charles A., Springfield, Ohio. Firearm. 2,365,036; Dec. 12.
Young, Charles J., Ardmore, Pa., assignor to Radio Corporation of America. Electron microscope object chamber. 2,347,348; Apr. 25.
Young, Charles J., Ardmore, Pa., assignor to Radio Corporation of America. Electron microscope viewing chamber. 2,356,963; Aug. 29.
Young, Charles J., Ardmore, Pa., assignor to Radio Corporation of America. Gas or liquid-tight plug. 2,358,434; Sept. 19.
Young, Charles J., Ardmore, Pa., assignor to Radio Corporation of America. Facsimile apparatus. 2,358,678; Sept. 19.
Young, Charles J., Ardmore, Pa., assignor to Radio Corporation of America. Facsimile apparatus. 2,364,580; Dec. 5.
Young, Charles J., Ardmore, Pa., and M. Solomon, Haddonfield, N. J., assignors to Radio Corporation of America. Material creasing and indenting apparatus. 2,353,982; July 18.
Young, Clarence H. (See Rubly, H. C., and Young.)
Young, Clay L., Sr., Red Springs, N. C. Warp beam transferring apparatus. 2,341,350; Feb. 8.
Young, Clinton J. T., Cambridge, Mass., assignor to Polaroid Corporation, Dover, Del. Cathode ray tube. 2,346,810; Apr. 18.
Young, Clinton J. T., assignor to Polaroid Corporation, Cambridge, Mass. Antiglare device. 2,351,797; June 20.
Young, Clinton J. T., assignor to Polaroid Corporation, Cambridge, Mass. Antiglare device. 2,359,456; Oct. 3.
Young, Clinton J. T., assignor to Polaroid Corporation, Cambridge, Mass. Highway sign. 2,359,457; Oct. 3.
Young, David H. (See Lyons, S. C., and Young.)
Young, David W. (See Bousquet, L'R. G., Young, and Low.)
Young, David W., Roselle, N. J., assignor to Standard Oil Development Company. Titanium catalyst. 2,344,911; Mar. 21.
Young, David W., Roselle, and H. C. Evans, Cranford, N. J., assignors to Standard Oil Development Company. Lubricating oil blends. 2,344,912; Mar. 21.
Young, Dorothy R., et al. (See Young, William D., assignor.)
Young, Dorris S. (See Young, N. W., and D. S.)
Young, Eldon W. (See Kendle, J. J., and Young.)
Young, Emil O., Cleveland, Ohio. Damper control means. 2,365,319; Dec. 19.
Young, Emil O., Cleveland, Ohio. Damper linkage. 2,365,320; Dec. 19.
Young, Forrest J., Los Angeles, Calif., assignor to The National Supply Company, Pittsburgh, Pa. Draw works. 2,351,851; June 20.
Young, Frank W., Upper Montclair, N. J. Filter. 2,352,303; June 27.
Young, Frank W., Upper Montclair, N. J. Filter. 2,352,304; June 27.
Young, Fred M., Racine, Wis. Heat exchanger for superchargers. 2,340,853; Feb. 8.
Young, George H., Indianapolis, Ind., assignor to B. F. Sturtevant Company, Hyde Park, Boston, Mass. Heat exchanger. 2,360,386; Oct. 17.
Young, Guy B., Latrobe, Pa., assignor to American Cyanamid & Chemical Corporation, New York, N. Y. Detonator combination. 2,347,866; May 2.
Young & Haug Trust Estate. (See Young, Hugh E.)
Young, Henry G. W., Cambridge, Mass. Machine for cutting edibles. 2,353,607; July 11.
Young, Henry S., Wilkinsburg, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa. Control apparatus. 2,348,584; May 9.
Young, Henry S., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,350,705; June 6.
Young, Henry S., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrical control system. 2,360,092; Oct. 10.

Young, Henry S., Jr., assignor to Hydraulic Brake Company, Detroit, Mich. Safety device. 2,353,535; July 11.

Young, Herbert B., Kenvil, N. J. Detonating cup crimper. 2,355,689; Aug. 15.

Young, Herbert B., Kenvil, A. T. Anderson, Dover, and A. H. Grover, Rockaway, N. J. Loading support for primer cups. 2,357,863; Sept. 12.

Young, Hobart P., Jr., Winnetka, assignor to Armour and Company, Chicago, Ill. Preparation of amines. 2,355,356; Aug. 8.

Young, Howard A., Westfield, N. J., assignor to United States Rubber Company, New York, N. Y. Treating fabrics. 2,340,357; Feb. 1.

Young, Howard A., Westfield, N. J., assignor to United States Rubber Company, New York, N. Y. Treating fabrics. 2,340,358; Feb. 1.

Young, Hugh E., trustee. (See Haug, Eugene H., assignor.)

Young, J. O., Incorporated. (See Young, Judson O., assignor.)

Young, James H., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Electrodeposition of copper from fused baths. 2,347,450; Apr. 25.

Young, Jean A., et al. (See Young, William D., assignor.)

Young, John E., Oaklyn, N. J., assignor to Radio Corporation of America. Electron discharge device circuit. 2,349,534; May 23.

Young, John W., and P. J. Lansing, Los Angeles, Calif., assignors to Thompson Products, Incorporated, Cleveland, Ohio. Booster pump entry vane construction. 2,340,166; Jan. 25.

Young, Joseph A., Salt Lake City, Utah. Handle forming tape. 2,361,673; Oct. 31.

Young, Judson O., North Wilbraham, assignor to J. O. Young Incorporated, Springfield, Mass. Orchard ladder. 2,354,904; Aug. 1.

Young, L. A., Company. (See Smith, Robert F., assignor.)

Young, L. A., Spring and Wire Corporation. (See Asaro, Vito, assignor.)

Young, L. A., Spring & Wire Corporation. (See Clark, William A.)

Young, L. A., Spring and Wire Corporation. (See Young, L. A., and Coney, assignors.)

Young, Leonard A., Detroit, Mich. Nut. 2,344,381; Mar. 14.

Young, Leonard A., Detroit, Mich. Spring structure. 2,357,248; Aug. 29.

Young, Leonard A., Detroit, Mich. Apparatus for manufacturing nuts. 2,365,321; Dec. 19.

Young, Leonard A., Detroit, Mich., and J. D. Coney, Chicago, Ill., assignors to L. A. Young Spring and Wire Corporation, Detroit, Mich. Garment hanger. 2,340,033; Jan. 25.

Young, Leonard A., Detroit, Mich., and J. D. Coney, Chicago, Ill., assignors to L. A. Young Spring and Wire Corporation, Detroit, Mich. Garment hanger. 2,365,655; Dec. 19.

Young, Lloyd L., Patchogue, N. Y., assignor to Radio Corporation of America. Pressure measuring device. 2,352,302; June 27.

Young, Lloyd W., Scotch Plains, and E. W. Deck, Plainfield, N. J., assignors to The Linde Air Products Company. Electromechanical method of and means for conditioning surfaces of metal bodies. 2,355,838; Aug. 15.

Young, Lloyd W., Scotch Plains, N. J., T. S. James, Ben Avon, Pa., and J. H. Rountree, Plainfield, N. J., assignors to The Linde Air Products Company. Blowpipe machine. 2,365,235; Dec. 19.

Young, Louis H., West Newton, assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor and blade. 2,356,193; Aug. 22.

Young, Maphet J., Youngstown, Ohio. Spool or reel. 2,339,311; Jan. 18.

Young, Nancy L., et al. (See Young, William D., assignor.)

Young, Norris W., Wilsonville, and D. S. Young, Newberg, Oreg. Irrigating means. 2,350,086; May 30.

Young, Philip E. (See Barker, M. E., Young, and Bruce.)

Young, Philip E., Arcadia, assignor to George S. Bailey Hat Company, Inc., Los Angeles, Calif. Making hats. 2,361,345; Oct. 24.

Young Radiator Company. (See Brinen, Howard F., assignor.)

Young Radiator Company. (See Shaw, Joe C., assignor.)

Young, Ray C. (See Asbill, C. M., Jr., and Young.)

Young, Ray A. (See Young, Roy O., assignor.)

Young, Richard W., assignor to Morgan Construction Company, Worcester, Mass. Spindle supporting apparatus. 2,363,378; Nov. 21.

Young, Richard W., and F. B. Fay, Worcester, Mass. Conveyer mechanism. 2,363,920; Nov. 28.

Young, Roy O., assignor of one-half to R. A. Young, French Creek, W. Va. Election seal press locking system. 2,339,367; Jan. 18.

Young, Serenus H. A., Oak Park, assignor to J. B. Hawley, Geneva, Ill. Expandible plastic mold. 2,363,107; Nov. 21.

Young, Stephen A. (See Beeke, H. F., and Young.)

Young, Stephan A., assignor to Globe Valve Corporation, Delphi, Ind. Producing faucet bodies or the like. 2,348,173; May 2.

Young, Stephen M. (See Scarlett, A. A., and Young.)

Young, William D., Greenville, S. C. Method and apparatus for forming bandage strips. 2,352,354; June 27.

Young, William D., Greenville, S. C. Attaching tie tapes to bandage strips. 2,352,355; June 27.

Young, William D., Greenville, S. C., assignor of ten per cent to T. B. Taylor, and ten per cent to M. S. Taylor, Port Washington, N. Y., fifteen per cent to D. R. Young, Greenville, S. C., twenty per cent to A. C. Kingston, Belmont, Mass., ten per cent to B. J. Young, ten per cent to J. A. Young, ten per cent to N. L. Young, Greenville, S. C., and one per cent to E. Richter, Montclair, N. J. Making bandages and the like. 2,364,839; Dec. 12.

Young, William R., Jr. (See Kinkead, F. S., Krecek, and Young.)

Young, William T. (See Greider, H. W., and Young.)

Youngblood, Don C. (See Ernst, W., and Youngblood.)

Youngholm, William G. (See Mosher, A. H., and Youngholm.)

Youngman, Elroy W. (See Winkler, F. C., and Youngman.)

Youngstown Foundry and Machine Company. (See Kell, Walter M., assignor.)

Youngstown Metal Products Company. (See Thomas, David W., assignor.)

Youngstown Sheet and Tube Company, The. (See Defiore, Leopold, assignor.)

Youngstown Sheet and Tube Company, The. (See Pray, H. A. H., and Miller, assignors.)

Youngstown Steel Door Company, The. (See Beauchamp, Wilfred A., assignor.)

Youngstown Steel Door Company, The. (See Ditchfield, Frank, assignor.)

Youngstown Steel Door Company, The. (See Doyle, Arthur J., assignor.)

Youngstown Steel Door Company, The. (See Duffie, James A., assignor.)

Youngstown Steel Door Company, The. (See Madland, Thorvald, assignor.)

Youngstown Steel Door Company, The. (See Treptow, George R., assignor.)

Younie, Lewis E., assignor to Electric Steel Foundry, Portland, Oreg. Digger tooth construction. 2,339,128; Jan. 11.

Younie, Lewis E., assignor to Electric Steel Foundry, Portland, Oreg. Crawler tractor. 2,344,764; Mar. 21.

Younkman, George W., Jersey City, N. J. Nonspill vent plug for batteries. 2,351,177; June 13.

Yount, Clarence B., Dayton, assignor to The Sherwin-Williams Company, Cleveland, Ohio. Spraying apparatus. 2,366,150; Dec. 26.

Yourkevitch, Vladimir, New York, N. Y., assignor, by mesne assignments, to Mercantile Metal & Ore Corp. Reinforced concrete ship. 2,341,006; Feb. 8.

Yourtee, John A. (See Cornwell, R. T. K., Rosser, and Yourtee.)

Yow, Elbert C., Washington, D. C. Apparatus for sharpening saws. 2,344,478; Mar. 14.

Yoxsimer, Orland H., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. 2,338,889; Jan. 11.

Yoxsimer, Orland H., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerator cabinet construction. 2,341,200; Feb. 8.

Yuba Tank & Steel Co. (See Stanley, Paul H., assignor.)

Yuen, Henry B. (See Chandler, B., and Yuen.)

Yuill, William M., Edinburgh, Scotland. Apparatus for canning skinless sausages. 2,363,218; Nov. 21.

Yujuico, Pedro S., Great Neck, and D. B. Thurston, Jamaica, assignors to Brewster Aeronautical Corporation, Long Island City, N. Y. Aircraft. 2,351,893; June 20.

Yule, John S. (See Backoff, W. J., Williams, O'Loughlin, Moir, and Yule.)

Yule, John S., assignor to The Pure Oil Company, Chicago, Ill. Lubricating oil composition and oil additive. 2,343,608; Mar. 7.

Yuncker, George A., et al. (See Kuhl, Charles C., assignor.)

Yundt, Michael, Company. (See Gerlach, Charles, assignor.)

Zaccagnino, Dominick, Newark, N. J. Musical instrument. 2,356,368; Aug. 22.

Zachariassen, Stig H. B. (See Ruda, G. W., and Zachariassen.)

Zacher, Vernon B., Ventura, Calif. Mud dispersion apparatus. 2,358,679; Sept. 19.

Zachow, William C., Springfield, assignor to The Atlantic Refining Company, Philadelphia, Pa. Disk valve connection. 2,340,409; Feb. 1.

Zadek, Arthur, assignor to Zadek-Feldstein Co., Inc., New York, N. Y. Rattle. 2,364,581; Dec. 5.

Zadek-Feldstein Co. (See Zadek, Arthur, assignor.)

Zademach, Erich R., Elisabeth, and W. W. Clarke, Summit, assignors, by mesne assignments, to Metalwash Machinery Company, Newark, N. J. Friction clutch. 2,344,527; Mar. 21.

Zadig, Ernest A., Norwalk, Conn. Game. 2,362,684; Nov. 14.

Zaeslin, Hans. (See Martin, H., Baumann, Zaeslin, and Gysin.)

Zaeslin, Hans H. (See Martin, H., Zaeslin, Hirt, Glatthaar, and Staub.)

Zahn, Eric H., Pound Ridge, assignor to Austenal Laboratories, Inc., New York, N. Y. Casting procedure. 2,362,875; Nov. 14.

Zahodiakin, Victor F., Maplewood, N. J. Forming piston rings. 2,339,538; Jan. 18.

Zahodiakin, Victor F., Maplewood, N. J. Fastening device. 2,355,196; Aug. 8.

Zahodiakin, Victor F., New York, N. Y. Piston ring. 2,355,772; Aug. 15.

Zaica, Frank S., Bethany, Conn. Take-up block. 2,367,065; Aug. 29.

Zaiger, Max, Swampscott, Mass. Windshield defroster. 2,360,299; Oct. 10.

Zalkowsky, Wladimir M., assignor, by mesne assignments, to Consolidated Engineering Corporation, Pasadena, Calif. Well logging method. 2,346,203; Apr. 11.

Zakariás, Imre. (See Rósa, L., and Zakariás.)

Zalkind, Joseph, New York, N. Y. Machine for sorting and separating sheets or printed forms. 2,359,705; Oct. 3.

Zalkind, Philip, New York, N. Y. Collapsible drawer-bottom reinforcement. 2,339,312; Jan. 18.

Zalkind, Philip, New York, N. Y. Collapsible drawer—sagless bottom. 2,343,356; Mar. 7.

Zalkind, Philip, New York, N. Y. Wall and closure support. 2,347,725; May 2.

Zalkind, Philip, New York, N. Y. Collapsible container—wall connection. 2,362,520; Nov. 14.

Zalkind, Philip, New York, N. Y. Container and parts thereof. 2,364,765; Dec. 12.

Zalkind, Philip, New York, N. Y. Container and parts therefor. 2,364,766; Dec. 12.

Zane, Howard Y. F., Honolulu, Hawaii. Ink container. 2,365,236; Dec. 19.

Zane, William F., La Grange, Ill., and G. W. Baughman, assignors to The Union Switch and Signal Company, Swissvale, Pa. Railway signaling system. 2,364,840; Dec. 12.

Zap, Edward F., Los Angeles, Calif. Aileron control. 2,340,446; Feb. 1.

Zap, Edward F., Los Angeles, Calif. Upper surface flap. 2,352,062; June 20.

Zappettini, Rose, et al. (See Bacigalupi, Peter, assignor.)

Zappettini, Wm., Company. (See Bacigalupi, Peter, assignor.)

Zappia, Anthony T. (See Samuelson, O. H., and Zappia.)

Zaremba Company. (See Hughes, Burton S., assignor.)

Zarowin, Albert A., assignor to S. & Z. Hooks Co., Inc., Brooklyn, N. Y. Key holder. 2,348,947; May 16.

Zaslawsky, Hyman, Los Angeles, Calif., assignor of one-half to P. V. Spinner, Chicago, Ill. Book and binding same. 2,343,119; Feb. 29.

Zaslawsky, Hyman, Los Angeles, Calif., assignor of one-half to P. V. Spinner, Chicago, Ill. Book and binding the same. 2,343,120; Feb. 29.

Zatsky, Israel. (See Frankel, M., and Zatsky.)

Zbornik, Thomas W., Cresco, Iowa, assignor to The American Agricultural Chemical Company, New York, N. Y. Producing phosphatic fertilizer with a deficiency of mineral acids. 2,361,444; Oct. 31.

Zech, John D. (See Reiff, O. M., and Zech.)

Zech, Elmer G., Grosse Pointe Woods, assignor to Chrysler Corporation, Highland Park, Mich. Vehicle front end construction. 2,358,486; Sept. 19.

Zeh, Walter. (See Fröhlich, A., Schneider, and Zeh.)

Zeh, Walter. (See Schneider, W., Fröhlich, and Zeh.)

Zehnder, Otto, assignor to Gebrüder Zehnder, Radiatoren- & Apparatebau, Granichen, Switzerland. Refrigerating system. 2,340,034; Jan. 25.

Zeidler, Kurt E., assignor to Standard Railway Devices Company, Chicago, Ill. Heating system for railway cars. 2,339,040; Jan. 11.

Zeidler, Kurt E., Chicago, Ill., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Locking and ventilating means for hatch covers. 2,360,533; Oct. 17.

Zeidler, Reinhold C., Detroit, Mich., assignor to Borg-Warner Corporation, Chicago, Ill. Assembling fluid couplings. 2,360,383; Oct. 17.

Zeigler, Albert H., Evanston, D. V. Stingley, Downers Grove, and J. M. Kiefer, assignors to Armour and Company, Chicago, Ill. Treating fatty acids. 2,351,249; June 13.

Zellman, Roy H., assignor to Thew Shovel Company, Lorain, Ohio. Rear axle mounting for excavating and load handling machines. 2,339,539; Jan. 18.

Zeindler, Werner, Albion, Mich., assignor, by mesne assignments to Domestic Industries, Inc. Hand truck. 2,361,674; Oct. 31.

Zeininger, Gustav, Oberesslingen, Germany; vested in the Alien Property Custodian. Electromagnetic signal hooter. 2,344,119; Mar. 14.

Zeitlin, Alexander. (See Shayne, A., and Zeitlin.)

Zellner, Carl N., Elizabeth, assignor to Tide Water Associated Oil Company, Bayonne, N. J. Production of organic acids. 2,342,028; Feb. 15.

Zellweger, Carl, Zurich, Switzerland, assignor to International Standard Electric Corporation, New York, N. Y. Apparatus for converting multiphase alternating current into direct current and vice versa. 2,353,427; July 11.

Zelt, Elmer J., Fort Wayne, Ind., assignor to General Electric Company. Electric apparatus. 2,340,727; Feb. 1.

Zelt, Elmer J., Fort Wayne, Ind., assignor to General Electric Company. Electric apparatus. 2,359,186; Sept. 26.

Zeltner, Joseph, and M. Genas, Paris, France; vested in the Alien Property Custodian. Making acetylenic carbinols. 2,345,170; Mar. 28.

Zemon, Harold. (See Strickland, R. L., and Zemon.)

Zempel, Edward A., Milwaukee, Wis. Counterbore and spot-facer tool. 2,355,582; Aug. 8.

Zempel, Edward A., assignor to J. M. Nash Company, Milwaukee, Wis. Tool mounting attachment for boring bars. 2,359,957; Oct. 10.

Zender, Justin, Ardsley, N. Y., assignor to Sylvania Industrial Corporation, Fredericksburg, Va. Making dialyzing membranes and articles so produced. 2,361,000; Oct. 24.

Zenith Radio Corporation. (See Aram, Nathan W., assignor.)

Zenith Radio Corporation. (See Emde, Kurt, assignor.)

Zenith Radio Corporation. (See Ewing, Edwin C., assignor.)

Zenith Radio Corporation. (See Wagenknecht, Otto E., assignor.)

Zenith Radio Corporation. (See Wagner, F. W., and Wilson, assignors.)

Zenner, George H. (See Dana, L. I., and Zenner.)

Zenner, George H., Kenmore, N. Y., assignor to The Linde Air Products Company. Vaporizing device. 2,343,727; Mar. 7.

Zenner, George H., and E. F. Yendall, Kenmore, assignors to The Linde Air Products Company, New York, N. Y. Balancing rotary pumps. 2,340,787; Feb. 1.

Zenner, Raymond E., Brookfield, assignor to Teletype Corporation, Chicago, Ill. Facsimile printing telegraph system and apparatus. 2,338,155; Jan. 4.

Zenner, Walter J. (See Wack, J. E., and Zenner.)

Zenner, Walter J., Des Plaines, assignor to Teletype Corporation, Chicago, Ill. Printing telegraph apparatus. 2,338,275; Jan. 4.

Zenner, Walter J., Des Plaines, assignor to Teletype Corporation, Chicago, Ill. Printing telegraph apparatus. 2,339,313; Jan. 18.

Zenner, Walter J., Des Plaines, assignor to Teletype Corporation, Chicago, Ill. Printing telegraph apparatus. 2,353,608; July 11.

Zenner, Walter J., Des Plaines, assignor to Teletype Corporation, Chicago, Ill. Integer storage mechanism. 2,356,905; Aug. 29.

Zenner, Walter J., Des Plaines, assignor to Teletype Corporation, Chicago, Ill. Multiplex repeater. 2,358,123; Sept. 12.

Zent, Abram L., assignor to The Standard Register Company, Dayton, Ohio. Strip feeding and bursting device. 2,355,690; Aug. 15.

Zentler, William F. (See Korf, F., and Zentler.)

Zenz, Wilhelm, Wuppertal-Elberfeld, Germany; vested in the Alien Property Custodian. Hydraulic shock absorber. 2,352,063; June 20.

Zephyr Laundry Machinery Company. (See Koplin, H., and Slate, assignors.)

Zerangue, Neal J., New Orleans, La. War plane. 2,342,779; Feb. 29.

Zerbe, Carl, Hamburg, Germany; vested in the Alien Property Custodian. Heat-treating polymerization products. 2,350,007; May 30.

Zerbe, Carl, Hamburg, Germany; vested in the Alien Property Custodian. Refining mineral oil. 2,352,064; June 20.

Zern, Warren B., Pottstown, Pa. Woodworking apparatus. 2,355,603; Aug. 8.

Zerner, Ernst. (See Stossel, E., and Zerner.)

Zero Hour Bomb Company. (See Blair, W. P., and Schillinger, assignors.)

Zerweck, Werner, and M. Schubert, Frankfort-on-the-Main-Fechenheim, Germany; vested in the Alien Property Custodian. Resinous condensation products of aldehydes and compounds of the pyrrole and thiazole series. 2,339,314; Jan. 18.

Zerweck, Werner, and E. Heinrich, Frankfort-on-the-Main-Fechenheim, Germany, assignors to General Aniline & Film Corporation, New York, N. Y. Acid wool dyestuffs. 2,352,752; July 4.

Zetterholm, Earl E., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Manufacture of paraxylene. 2,363,768; Nov. 28.

Zethmayr, Gordon J., Bensenville, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Article holding fixture. 2,341,496; Feb. 8.

Zettel, Joseph H. (See Coss, H. T., Hawthorne, and Zettel.)

Zettel, Joseph H., Plainfield, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Method and apparatus for manufacturing mineral wool. 2,358,900; Sept. 26.

Zetterquist, Eric A., Drexel Hill, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Joint construction. 2,352,583; June 27.
Zetzsche, Walther. (See Graumann, E., and Zetzsche.)
Zglicznski, Stefan, Baltimore, Md. Automatic wind motor. 2,348,671; May 9.
Zichlin, Samuel, Brooklyn, N. Y. Therapeutic device. 2,346,245; Apr. 11.
Ziebolz, Herbert, Chicago, Ill. Stabilizing hydraulic controls. 2,358,611; Sept. 19.
Ziebolz, Herbert, assignor to Askania Regulator Company, Chicago, Ill. Flow proportioning apparatus. 2,345,520; Mar. 28.
Ziebolz, Herbert, assignor to Askania Regulator Company, Chicago, Ill. Flow proportioning apparatus. 2,345,521; Mar. 28.
Ziebolz, Herbert, assignor to Askania Regulator Company, Chicago, Ill. Flow proportioning apparatus. 2,345,522; Mar. 28.
Ziebolz, Herbert, assignor to Askania Regulator Company, Chicago, Ill. Flow proportioning apparatus. 2,345,523; Mar. 28.
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Ziebolz, Herbert, assignor to Askania Regulator Company, Chicago, Ill. Flow proportioning apparatus. 2,345,525; Mar. 28.
Ziebolz, Herbert, assignor to Askania Regulator Company, Chicago, Ill. Flow proportioning apparatus. 2,345,526; Mar. 28.
Ziebolz, Herbert, assignor, by mesne assignments, to Electronbeam, Ltd., Chicago, Ill. Electronic balance. 2,350,751; Oct. 17.
Ziebolz, Herbert, and P. Glass, assignors, by mesne assignments, to Electronbeam Ltd., Chicago, Ill. Electronic translating device. 2,357,922; Sept. 12.
Ziebolz, Herbert, Chicago, and J. C. Vanier, Highland Park, assignors to Askania Regulator Company, Chicago, Ill. Apparatus for controlling the ratio of the flows of two fluids through conduits. 2,352,584; June 27.
Ziebolz, Herbert, assignor, by mesne assignments, to Electronbeam, Ltd., Chicago, Ill. Electroni translating device. 2,358,901; Sept. 26.
Ziebolz, Herbert, assignor, by mesne assignments, to Electronbeam, Ltd., Chicago, Ill. Cathode-ray translating device. 2,358,902; Sept. 26.
Ziegel, Olivier, La Chapelle-Gauthier, France; vested in the Alien Property Custodian. Electric fuse. 2,342,320; Feb. 22.
Ziegeweid, Robert N., Arcadia, Wis. Key case. 2,344,581; Mar. 21.
Ziegler, Albert F., Cheviot, assignor to Clopay Corporation, Cincinnati, Ohio. Reinforced garment bag. 2,338,390; Jan. 4.
Ziegler, August H. (See Sattele, L. F., and Ziegler.)
Ziegler, George E., assignor to Eversharp, Inc., Chicago, Ill. Fountain pen. 2,340,359; Feb. 1.
Ziegler, Nicholas A., Chicago, Ill., and H. W. Northrup, Chattanooga, Tenn., assignors to Crane Co., Chicago, Ill. Malleable cast iron. 2,340,854; Feb. 8.
Ziegler, Paul F., Winnetka, and K. C. Hoeglund, Chicago, Ill., assignors to The Kendall Company, Boston, Mass. Creped pressure-sensitive adhesive material. 2,339,446; Jan. 18.
Ziegler, Wallace E., Philadelphia, Pa. Hose-coupling inserting machine. 2,364,662; Dec. 12.
Ziegler, Walter H. (See Roos, E., and Ziegler.)
Ziemmerman, Henry, assignor to Chicago Cardboard Company, Chicago, Ill. Interlocking means for knockdown advertising displays. 2,362,230; Nov. 7.
Zier, Edward M., Jr., New Albany, Ind. Heating and air conditioning system. 2,355,496; Aug. 8.
Zierden, Frank P., St. Francis, Wis. Hose reel. 2,339,901; Jan. 25.
Zierdt, Conrad H., Jr., Rosedale, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrical rectifier. 2,338,890; Jan. 11.
Zigler, Ward G., Chicago, Ill. Ironing machine. 2,352,422; June 27.
Ziler, William J. (See Griswold, N. D., and Ziler.)
Zilgitt, Vernon, et al. (See Hamer, Leland S., assignor.)
Zillo, Enzo. (See Ricchiardi, P. C., and Zillo.)
Zimets Bed Spring Corporation. (See Hampton, Fred, assignor.)
Zimmer, Abraham I., Bridgeport, Conn. Necktie sewing machine. 2,349,783; May 23.
Zimmer, John C. (See Mikeska, L. A., Zimmer, and Wasson.)
Zimmer, John C. (See Morway, A. J., and Zimmer.)
Zimmer, John C., Union, N. J., assignor to Standard Oil Development Company. Lubricant. 2,338,613; Jan. 4.
Zimmer, John C., and G. M. McNulty, Union, N. J., assignors to Standard Oil Development Company. Soluble oil. 2,340,035; Jan. 25.
Zimmer, John C., and G. M. McNulty, Union, N. J., assignors to Standard Oil Development Company. Lubricant composition. 2,340,036; Jan. 25.
Zimmer, John C., Union, and A. J. Morway, Clark Township, Union County, N. J., assignors to Standard Oil Development Company. Grease composition. 2,350,544; June 6.
Zimmer, John C., Union, and W. Seitz, Elizabeth, N. J., assignors to Standard Oil Development Company. Nonfoaming oil-containing composition. 2,355,255; Aug. 8.
Zimmer, John C., Union, and A. J. Morway, Clark Township, Union County, N. J., assignors to Standard Oil Development Company. Lubricant. 2,360,631; Oct. 17.
Zimmer, John C., and G. M. McNulty, Union, N. J., assignors to Standard Oil Development Company. Lubricant. 2,361,522; Oct. 31.
Zimmer, John C., Union, and E. W. Carlson, Roselle Park, N. J., assignors to Standard Oil Development Company. Corrosion preventive compositions. 2,362,332; Nov. 7.
Zimmer, John C., Union, and J. I. Wasson, Townley, N. J., assignors to Standard Oil Development Company. Fuel compositions. 2,364,502; Dec. 5.
Zimmer, John C., Union, and A. J. Morway, Clark Township, Union County, N. J., assignors to Standard Oil Development Company. Preparing aluminum soap greases. 2,365,037; Dec. 12.
Zimmer, Myron J., Wood Dale, assignor to The Edward Katzinger Company, Chicago, Ill. Flashlight switch. 2,361,359; Oct. 24.
Zimmerman, Arthur Edwin. (See Lapointe, E., and Zimmerman, Arthur E., and A. E.)
Zimmerman, Arthur G. (See Hoehn, J. J., and Zimmerman.)
Zimmerman, Charles E. (See Zimmerman, C. E., and (Skold, assignor).)
Zimmerman, Charles E., and J. F. Skold, Chicago, Ill., said Skold assignor to said Zimmerman. Brassiere. 2,345,649; Apr. 4.
Zimmerman, Emil, Everett, Wash. Chimney structure. 2,358,042; Sept. 12.
Zimmerman, Gordon B., assignor to Universal Oil Products Company, Chicago, Ill. Hydrocarbon conversion process. 2,345,785; Apr. 4.
Zimmerman, Harry. (See Zimmerman, Victor, assignor.)
Zimmerman, Harry R., assignor to Pangborn Corporation, Hagerstown, Md. Abrasive removing apparatus. 2,343,357; Mar. 7.
Zimmerman, Henry, Del Mar, Calif. Clamping device. 2,351,178; June 13.
Zimmerman, James J., assignor to The Bonnot Company, Canton, Ohio. Metal saw and hydraulic control mechanism. 2,365,987; Dec. 26.
Zimmerman, Louis J., Jackson Heights, N. Y. Illuminating projectile. 2,342,066; Feb. 15.
Zimmermann, Lukas, assignor to Vickers Incorporated, Detroit, Mich. Power transmission. 2,353,802; July 18.
Zimmerman, Morton W., Brooklyn, N. Y. Shipping or mailing container. 2,362,181; Nov. 7.
Zimmerman, Percy W. (See Hitchcock, A. E., and Zimmerman.)
Zimmerman, Robert F., Cincinnati, Ohio. Air filter. 2,348,163; May 2.
Zimmerman, Thomas, Grosse Pointe Farms, assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Work chuck. 2,361,142; Oct. 24.
Zimmerman, Victor, Elmhurst, assignor to Harry Zimmerman, New York, N. Y. Xylophone. 2,339,971; Jan. 25.
Zimmermann, Willy E. (See Brinton, C. H., and Zimmermann.)
Zimmers, Abraham M., Baltimore, Md. Sectional roof covering. 2,350,142; May 30.
Zinck, Warren J. (See Van Riper, W. F., and Zinck.)
Zindel, Ernst, assignor to Maschinenfabrik Schärer, Erlenbach, Zurich, Switzerland. Holding device for the thread package supporting means on winding spindles. 2,338,832; Jan. 11.
Zink, George A., Indianapolis, Ind., assignor to General Motors Corporation, Detroit, Mich. Bearing and making same. 2,364,503; Dec. 5.
Zink, John S., Tulsa, Okla. Burner. 2,344,936; Mar. 21.
Zink, John S., Tulsa, Okla. Atomising burner. 2,359,722; Oct. 3.
Zink, William L., Plano, and B. T. Aasland, Kankakee, assignors to Sears, Roebuck and Co., Chicago, Ill. Tractor plow. 2,339,830; Jan. 25.
Zinke, Alois. (See Honel, H., and Zinke.)
Zinke, Erhard. (See Löpp, E., Zinke, and Berger.)
Zinn, Julius A., Jr., Belmont, Mass. Carton. 2,358,124; Sept. 12.
Zinn, Manvel K., Manhasset, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric wave system. 2,350,951; June 6.
Zinn, Manvel K., Manhasset, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Protective system. 2,356,296; Aug. 22.
Zintl, Eduard, Darmstadt, Germany; vested in the Alien Property Custodian. Preparing anhydrous sodium-orthosilicate. 2,351,385; June 13.
Zintz, Howard C. (See Miller, R. S., and Zintz.)
Zipper, Alfred I., New York, N. Y. Capsule. 2,340,037; Jan. 25.
Zipper, Charles F. (See Scharringhausen, P. J., and Zipper.)
Zipper, Charles F., Des Plaines, assignor to A. G. Mather, Chicago, Ill. Rotary cutting disk. 2,363,769; Nov. 28.

Zirckel, Charles H., Chicago, Ill., assignor to International Harvester Company. Vine lifter and divider. 2,352,506; June 27.
Zitza, Curt L., Baltimore, assignor to The Glenn L. Martin Company, Middle River, Md. Fuel cell vent system. 2,356,906; Aug. 29.
Zizinia, Paul T., Belmar, and T. L. McKenna, Newark, N. J., assignors to Allied Chemical & Dye Corporation. Detergent composition. 2,364,767; Dec. 12.
Znamierowski, Louis J., Philadelphia, Pa. Automatic oiler for caliber 50 cartridge cases for tapering machines. 2,364,683; Dec. 12.
Zoerlein, Emil, assignor to Ford Motor Company, Dearborn, Mich. Ammeter. 2,346,811; Apr. 18.
Zoerlein, Emil, J. L. McCloud, and J. A. Mickey, assignors to Ford Motor Company, Dearborn, Mich. Electrical distributor. 2,365,925; Dec. 26.
Zoerlein, Emil, J. L. McCloud, and J. A. Mickey, assignors to Ford Motor Company, Dearborn, Mich. Electrical distributor and composition thereof. 2,365,926; Dec. 26.
Zoldok, Stephen W., Oakland, Calif. Knockdown tank. 2,347,309; Apr. 25.
Zoller, Harper F., Detroit, and E. C. Geistert, assignors to Frold Laboratories, Inc., Grand Rapids, Mich. Cooling and icing beverages. 2,358,756; Sept. 19.
Zollinger, Ernst, Turin, Italy; vested in the Alien Property Custodian. Paper dim conveyor. 2,342,780; Feb. 29.
Zöllner, Hans. (See Conradty, O., and Zöllner.)
Zonis, Sydney, Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Presserfoot for sewing machines. 2,343,609; Mar. 7.
Zonis, Sydney, Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Work-folding attachment for sewing machines. 2,343,624; Mar. 7.
Zonis, Sydney, Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Loop-taker for sewing machines. 2,343,877; Mar. 14.
Zonis, Sydney, Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine for corner stitching. 2,350,267; May 30.
Zotos, Georg, Berlin-Charlottenburg, Germany; vested in the Alien Property Custodian. Melting refractory minerals in revolving-tube furnaces. 2,358,903; Sept. 26.
Zuber, Emil F., Peoria, Ill., assignor to The Michigan Silo Company, Kalamazoo, Mich. Concrete block lifter. 2,347,310; Apr. 25.
Zuber, John G., assignor to The Bell & Howell Company, Chicago, Ill. Motion picture mechanism. 2,338,680; Jan. 4.
Zuber, John G., assignor to The Bell & Howell Company, Chicago, Ill. Photographic camera. 2,357,158; Aug. 29.
Zuber, Robert B., Birmingham, Ala., assignor to Tennessee Coal, Iron and Railroad Company. Automatic end stop for a shear. 2,360,752; Oct. 17.
Zubko, Jan, London, England. Testing conducting materials by comparison. 2,342,029; Feb. 15.
Zublin, John A., Los Angeles, Calif. Drilling lateral bores. 2,344,277; Mar. 14.
Zublin, Julius, Glarisegg near Steckborn, Switzerland. Rolling magnesium and magnesium alloys. 2,349,395; May 23.
Zuck, Daniel R., San Diego, Calif. Folding wing on aircraft. 2,338,751; Jan. 11.
Zuck, Daniel R., San Diego, Calif. Airplane with nonstalling and glide angle control characteristics. 2,347,230; Apr. 25.
Zuck, Victor I., South Haven, Mich., assignor to Everett Piano Company. Electric instrument. 2,343,728; Mar. 7.
Zucker, Charles. (See Bezborodko, D., and Zucker.)
Zucker, Frank C., New York, N. Y. Alignment gauge. 2,351,386; June 13.
Zuckerman, Adolph M., assignor to R. Hoe & Co., Inc., New York, N. Y. Inking mechanism for printing machines. 2,338,561; Jan. 4.
Zuckerman, Adolph M., assignor to R. Hoe & Co., Inc., New York, N. Y. Web cutting and folding mechanism for printing machines. 2,353,609; July 11.
Zuckerman, Adolph M., assignor to R. Hoe & Co., Inc., New York, N. Y. Stapling mechanism for rotary printing machines. 2,364,504; Dec. 5.
Zuckerman, Roscoe C., Stockton, Calif. Implement for preparing beet rows for harvesting. 2,338,222; Jan. 4.
Zuckerman, Samuel, New York, N. Y. Artificial flower holder. 2,350,268; May 30.
Zuckermann, Isidore, New York, N. Y. Portable safety bombproof shelter. 2,347,653; May 2.
Zühlke, Marcell, Berlin, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Contact rectifier. 2,340,098; Jan. 25.
Zulficar, Mohamed A., London, England. Scoring device for the game of bridge. 2,365,130; Dec. 12.
Zumeta, Julio. (See Whann, J. P., and Zumeta.)
Zummach, John G., Racine, Wis. Grinder. 2,341,068; Feb. 8.
Zumstein, T. B., et al. (See Butts, Richard R., assignor.)
Zunick, Michael J., Columbus, Ohio, assignor to General Electric X-Ray Corporation, Chicago, Ill. Anode structure. 2,340,500; Feb. 1.
Zupa, Frank A., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Relay. 2,351,730; June 20.
Zur Horst, Clifford G., Hampton Township, Allegheny County, B. B. Wescott, Churchill Borough, and L. W. Vollmer, assignors to Gulf Research & Development Company, Pittsburgh, Pa. Quenching of metals. 2,340,724; Feb. 1.
Zur Horst, Clifford G., Hampton Township, Allegheny County, B. B. Wescott, Churchill Borough, and L. W. Vollmer, assignors to Gulf Research & Development Company, Pittsburgh, Pa. Quenching of metals. 2,340,725; Feb. 1.
Zur Horst, Clifford G., Hampton Township, Allegheny County, B. B. Wescott, Churchill Borough, and L. W. Vollmer, assignors to Gulf Research & Development Company, Pittsburgh, Pa. Quenching of metals. 2,340,726; Feb. 1.
Zur Nedden, Gerhard, and E. Cords, Peine, near Hanover, Germany; vested in the Alien Property Custodian. Rolling strip irons. 2,361,729; Oct. 31.
Zuschlag, Theodore, West Englewood, N. J., assignor to Magnetic Analysis Corporation, Long Island City, N. Y. Testing apparatus. 2,338,793; Jan. 11.
Zuschlag, Theodor, West Englewood, N. J., assignor to Magnetic Analysis Corporation, Long Island City, N. Y. Electrical analysis. 2,353,211; July 11.
Zuschlag, Theodor, West Englewood, N. J., assignor to Magnetic Analysis Corporation, Long Island City, N. Y. Demagnetizing system. 2,355,940; Aug. 15.
Zwack, Raymond T., West Caldwell, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Power plant synchronization. 2,356,115; Aug. 15.
Zwald, Adolph, Portland, Oreg. Automatic brake. 2,341,753; Feb. 15.
Zwald, Nicholas, Philadelphia, Pa. Automobile window supported hat rack and coat hanger device. 2,344,339; Mar. 14.
Zweekly, James, Detroit, Mich. Layout gauge. 2,353,109; July 4.
Zweifel, Henry C. (See Vonder Abe, R. L., and Zweifel.)
Zweifel, Otto, assignor to Aktiengesellschaft Brown, Boverie & Cie., Baden, Switzerland. Regulating apparatus for gas turbine plants. 2,365,616; Dec. 19.
Zwickel, Elmer L., executor. (See Brennan, Daniel A.)
Zwickel, Elmer L., Chicago, Ill., assignor to Acco Products, Inc., Long Island City, N. Y. Filing equipment. 2,339,447; Jan. 18.
Zwicky, Jean, deceased, Burnham, by W. F. and O. F. Hunt, Slough, England, executors. Reciprocating pump. 2,349,784; May 23.
Zwiebel, William A. (See Purinton, F. G., and Zwiebel.)
Zwilgmeyer, Frithjof, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dioxazine-type dyestuffs and preparing the same. 2,355,496; Aug. 8.
Zwilgmeyer, Frithjof, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dioxazine coloring matters and preparing the same. 2,355,497; Aug. 8.
Zwinhenberger, Joseph A., assignor to Henry Vogt Machine Company, Louisville, Ky. Valve. 2,350,208; May 30.
Zworykin, Vladimir K., Forest Hills, N. Y., assignor to Westinghouse Electric & Manufacturing Company. View-transmission system. 2,338,562; Jan. 4.
Zworykin, Vladimir K., Collingswood, N. J., assignor to Westinghouse Electric & Manufacturing Company. Facsimile-transmission system. 2,361,255; Oct. 24.
Zworykin, Vladimir K., Philadelphia, Pa., J. Hillier, Collingswood, N. J., and E. G. Ramberg, Feasterville, Pa., assignors to Radio Corporation of America. Dynamic method of correcting the spherical aberration of electron lenses. 2,354,287; July 25.
Zybach, Frank L., Columbus, Nebr. Hydraulic clutch. 2,355,773; Aug. 15.
Zyerveld, Jack H. (See McLaughlin, B. S., Jr., and Zyerveld.)
Zysk, Stephen. (See Buller, F. H., Zysk, and Lee.)

LIST OF DESIGN PATENTEES

A P Parts Corporation, The. (See Cope, Clifford L., assignor.)
Aaronson, Hyman S., Mount Vernon, N. Y. Clothes drier. 137,348; Feb. 29.
Aaronson, Irving, New York, N. Y. Dress. 137,395; Feb. 29.
Abrasive Dressing Tool Company. (See Krandall, Jerry, assignor.)
Adair, James E., Chicago, Ill., assignor to Colorgraphic, Inc. Toy phonograph. 138,565; Aug. 22.
Adams, Frances, New York, N. Y. Hat. 137,471; Mar. 14.
Adams, Gilford D., Butterfield, assignor of eleven-sixteenths to F. L. Barber, Cassville, Mo. Cream pitcher, or similar article. 139,638; Dec. 5.
Adams, Kenneth S., Bartlesville, Okla., assignor to Phillips Petroleum Company. Medicine cabinet or the like. 139,753; Dec. 19.
Adams, Wilbur Henry, Erie, Pa., assignor to The Colson Corporation, Elyria, Ohio. Wheeled rack for magazines, books, or the like. 137,369; Feb. 29.
Adams, Wilbur H., Erie, Pa., assignor to The Colson Corporation Elyria, Ohio. Linen truck. 137,626; Apr. 4.
Adams, Wilbur H., Millcreek Township, Erie County, Pa. Support for toilet accessories or the like. 138,619; Aug. 29.
Adams, Wilbur H., Erie, Pa., assignor to The Colson Corporation, Elyria, Ohio Dressing table. 139,005; Oct. 3.
Adams, Wilbur H., Erie, Pa., assignor to The Colson Corporation, Elyria, Ohio. Shelf truck. 139,534; Nov. 28.
Addin, Jacob J., assignor of four-fifths to L. Addin, Kalamazoo, Mich. Compound tool. 137,631; Apr. 11.
Addin, Leo. (See Addin, Jacob J., assignor.)
Adel Precision Products Corp. (See Asbury, Don C., assignor.)
Adel Precision Products Corp. (See Ellinwood, Herman R., assignor.)
Adel Precision Products Corp. (See Morehouse, Eugene M., assignor.)
Adler, Allan, Burbank, Calif. Band for a wrist watch or similar article. 139,740; Dec. 12.
Adler, Paul, New York, N. Y. Dress. 137,758; Apr. 25.
Adler, Paul, New York, N. Y. Dress. 137,759; Apr. 25.
Adler, Paul, New York, N. Y. Dress. 137,760; Apr. 25.
Adler, Paul, New York, N. Y. Dress. 137,761; Apr. 25.
Adler, Paul, New York, N. Y. Dress. 137,762; Apr. 25.
Adler, Paul, New York, N. Y. Dress. 137,847; May 2.
Adler, Paul, New York, N. Y. Dress. 137,848; May 2.
Adler, Paul, New York, N. Y. Dress. 137,849; May 2.
Adler, Paul, New York, N. Y. Dress. 137,850; May 2.
Adler, Paul, New York, N. Y. Dress. 137,851; May 2.
Adler, Paul, New York, N. Y. Dress. 137,852; May 2.
Adler, Paul, New York, N. Y. Dress. 137,853; May 2.
Adler, Paul, New York, N. Y. Dress. 137,934; May 16.
Adler, Paul, New York, N. Y. Dress. 137,935; May 16.
Adler, Paul, New York, N. Y. Dress. 137,936; May 16.
Adler, Paul, New York, N. Y. Coat. 137,992; May 30.
Adler, Paul, New York, N. Y. Dress. 138,070; June 13.
Adrian, Manuel, San Jose, Calif. Street-sweeper body. 137,024; Jan. 11.
Advertising Agencies Service Co. (See Powers, Frank, assignor.)
Aikins, Herbert A., Cleveland Heights, Ohio. Measuring ruler or similar article. 136,946; Jan. 4.
Aikins, Herbert A., Cleveland Heights, Ohio. Ruler or similar article. 138,309; July 18.
Aircraft Tools, Inc. (See Crump, Woodford J., assignor.)
Airplane Manufacturing & Supply Corporation. (See Gageby, Robert A., assignor.)
Ajax, Eric J. (See McLelland, W. H., and Ajax.)
Alastra, James. (See Sullivan, V. J., and Alastra.)
Allen, Paul E., Skokie, and E. W. Beatty, Chicago, Ill.; said Beatty assignor to said Allen. Combined display and shipping container. 137,266; Feb. 15.
Allen, Paul E., Skokie, Ill. Rattle. 139,510; Nov. 28.
Allen, Paul E., Skokie, Ill. Rattle. 139,511; Nov. 28.
Allen, Paul E., Skokie, Ill. Rattle. 139,512; Nov. 28.
Aller, Willis F., assignor to The Sheffield Corporation, Dayton, Ohio. Gauge for size measurement or the like. 137,316; Feb. 22.
Allied Plastics Company. (See Crane, Walton B., assignor.)
Allied Purchasing Corporation. (See Kramer, Ferdinand, assignor.)
Almdale, Einar, Rocky River, Ohio. Slack adjuster for brakes or the like. 138,238; July 11.
Alsdorf, James W., Glencoe, assignor to Cory Glass Coffee Brewer Co., Chicago, Ill. Coffee maker. 138,362; July 25.
Aluminum Company of America. (See Sharp, John E., assignor.)
American Central Manufacturing Corporation. (See Karstadt, Clarence, assignor.)
American Fixture & Manufacturing Co. (See Heck, Albert L., assignor.)
American Gas Machine Company. (See Stempel, Edward H., assignor.)
American Hoist & Derrick Company. (See Potter, K. F., Ljungkull, and Gray, assignors.)
American Hoist & Derrick Co. (See Stoddard, R. J., Niessen, and Milnar, assignors.)
American Molded Products Co. (See Caestecker, Charles E., assignor.)
American Optical Company. (See Ellis, Charles A., assignor.)
American Optical Company. (See Splaine, Edward M., assignor.)
American Pottery Company. (See Lenhart, Joseph B., assignor.)
Amspacker, Charles S., Columbus, Ohio. Badge or article of similar nature. 137,674; Apr. 18.
Amyot, Pierre, Quebec, Quebec, Canada. Brassière. 138,310; July 18.
Amyot, Pierre, Quebec, Quebec, Canada. Brassière. 139,365; Nov. 7.
Anderson, Carl E., Kansas City, Kans. Carpet display rack. 139,814; Dec. 26.
Anderson, Clarence W., assignor to J. Galter, Chicago, Ill. Countersink. 137,170; Feb. 1.
Anderson, Fred E., Taft, Oreg. Swivel body element. 138,239; July 11.
Anderson, Fred E., Taft, Oreg. Swivel body member. 138,240; July 11.
Anderson, Fred E., Taft, Oreg. Swivel body element. 138,241; July 11.
Anderson, Harry E., Belmont, Mass. Game device. 139,207; Oct. 24.
Anderson, John W., Gary, Ind. Safety razor. 138,834; Sept. 19.
Anderson-Stolz Pharmaceuticals, Inc. (See Anderson, Walter E., assignor.)
Anderson, Walter E., assignor to Anderson-Stolz Pharmaceuticals, Inc., Kansas City, Mo. Deodoriser. 139,038; Oct. 10.
Andreini, Louis J., Los Angeles, Calif. Pin or similar article. 139,065; Oct. 10.
Andres, Lloyd J., assignor to Permo, Incorporated, Chicago, Ill. Phonograph stylus. 138,275; July 11.
Andres, Lloyd J., assignor to Permo, Incorporated, Chicago, Ill. Phonograph stylus. 138,276; July 11.
Angell, Robert C., Prince Bay, N. Y., assignor to The S. S. White Dental Manufacturing Company. Folding dental chair. 137,434; Mar. 14.
Annable, Oliver S., Brooklyn, N. Y., assignor of one-half to Spotswood Specialty Company, Inc., Lexington, Ky., Toy commando tommy gun. 138,667; Aug. 29.
Ansell, Frank E., Brooklyn, N. Y. Combined bottle and stopper. 138,192; July 4.
Apfelbaum, Huna L., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container cap. 138,735; Sept. 5.
Appel, Robert, New York, N. Y. Articulated fabric or similar article. 137,828; May 2.
Appel, Robert, New York, N. Y. Plaque unit for articulated fabric or similar article. 139,344; Nov. 7.
Appel, Robert, New York, N. Y. Plaque unit for articulated fabric or similar article. 139,345; Nov. 7.
Appleton Electric Company. (See Tornblom, Nils A., assignor.)
Aranoff, Kenneth, L. L. Lavant, and L. W. Arkin, Chicago, Ill. Holder for ration books and tokens or the like. 138,131; June 20.
Arden, Thomas R., assignor to Bard-Parker Company, Inc., Danbury, Conn. Miniature engine. 138,311; July 18.
Arkin, Lester W. (See Aranoff, K., Lavant, and Arkin.)
Armbruster, John T., Niagara Falls, and I. A. Bosack, assignors to Spencer Lens Company, Buffalo, N. Y. Binocular or the like. 137,317; Feb. 22.
Armstrong, Gordon, Cleveland, Ohio. Portable baby incubator. 138,411; Aug. 1.
Aro Equipment Corporation, The. (See Fitch, Clifford E., assignor.)
Aro Equipment Corporation, The. (See Ginter, Charles W., assignor.)
Art Metal Construction Company. (See Jones, J. R., and Elofson, assignors.)
Asay, Lillian M., Camden, N. J. Headlight bulb. 137,508; Mar. 21.
Asbury, Don C., Glendale, Calif., assignor to Adel Precision Products Corp. Housing for a combined motor and pump. 137,632; Apr. 11.
Asch, Leonard C., New York, N. Y. Doll or similar article. 137,903; May 16.
Ashbaugh, Bernard D. (See Kilburn, R. R., and Ashbaugh.)
Astrup, William V. (See Young, F. M., and Astrup.)
Aszody, Arnold E., Newark, N. J. Bottle stopper or the like; 138,948; Sept. 26.

Atkinson, Robert L., Lockport, N. Y. Pencil eraser or similar article. 138,296; July 11.
Atlas Half Size Dress Co. (See Stein, Michael G.)
Atwood Vacuum Machine Company, The. (See Schofield, Earl L., assignor.)
Autopoint Company. (See Beckstrom, Garfield L., assignor.)
Averill, Georgene, New York, N. Y. Inner sole. 139,233; Oct. 24.
Awsumb, Russell J., Hopkins, assignor to Fibro Container Corporation, Minneapolis, Minn. Toy duck. 138,335; July 18.
Ayer, Robert W., Moorestown, N. J., T. Knox, Bristol, G. S. Thompson, Wakefield Township, Morrisville, Bucks County, Pa., and C. de Ganahl, Trenton, N. J., assignors, by mesne assignments, to Reconstruction Finance Corporation. Airplane. 137,279; Feb. 15.
Ayers, William J., New Castle, Pa. Coin bank. 139,366; Nov. 7.
Ayuso, Eugene F., Brooklyn, N. Y. Casket. 138,491; Aug. 15.
Ayuso, Eugene F., Brooklyn, N. Y. Casket. 138,492; Aug. 15.
Baar, Sylvan M., New York, N. Y. Jabot or similar article. 137,698; Apr. 18.
Baar, Sylvan M., New York, N. Y. Jabot or similar article. 137,699; Apr. 18.
Babson Bros. Co. (See Babson, H. B., and Thomas, assignors.)
Babson Bros. Co. (See Schilling, Lorell J., assignor.)
Babson, Henry B., Chicago, and C. A. Thomas, Crystal Lake, Ill., assignors to Babson Bros. Co. Milking parlor stall unit. 137,590; Apr. 4.
Badger Cut Outs, Inc. (See Daily, Edmund J., assignor.)
Badger Cut Outs, Inc. (See Ostrander, Robert K., assignor.)
Baer, Theodore M., New York, N. Y. Skirt. 139,357; Nov. 7.
Baine, Moses H., San Antonio, Tex. Teething ring. 138,168; June 27.
Baird, Margery, Woodbury, N. J. Hook attaching device for fishing lines or similar article. 138,498; Aug. 15.
Baird, William M., Chicago, Ill. Drawer for a refrigerated locker system. 138,060; June 13.
Baird, William M., Chicago, Ill. Refrigerated locker unit. 138,391; Aug. 1.
Baker, Abraham M., Providence, R. I. Manicuring device or similar article. 138,640; Aug. 29.
Baker, Bert F., Riverdale, Md. Turret direction indicator. 139,006; Oct. 3.
Baker, Edwin G., Brighton, England. Sine bar. 137,417; Mar. 7.
Baker, Flora B., Grants Pass, Oreg. Cardboard doll. 137,551; Mar. 28.
Baker Furniture, Inc. (See Millington, William, assignor.)
Baker, John B., assignor to The Timken Roller Bearing Company, Canton, Ohio. Drill bit. 138,242; July 11.
Baker, Leo F., Chicago, Ill. Knife. 138,365; July 25.
Baker, Samuel H., Brockton, Mass. Cap. 138,641; Aug. 29.
Baker, Thelma V., Fort Wayne, Ind. Ironing board attachment. 137,034; Jan. 11.
Balantyne, Louis G., Chicago, Ill. Toy gun. 136,967; Jan. 4.
Balboni, Joseph, Elmwood, Conn. Shoe. 139,334; Nov. 7.
Baldanza, Nicholas T., Rutherford, assignor to Columbia Protektosite Company, Inc., Carlstadt, N. J. Compact case. 137,640; Apr. 11.
Baldwin, Byron B., Centerline, Mich. Target game board. 137,072; Jan. 18.
Baldwin, Clyde P., Claremont, N. H., and H. H. Vandercree, Michigan City, Ind., assignors to Sullivan Machinery Company. Mining machine. 136,981; Jan. 4.
Bales, Gladys, Kansas City, Mo. Holder for habit forming charts. 137,137; Jan. 25.
Balint, Alvin A., New York, N. Y. Display plaque for automobiles. 139,346; Nov. 7.
Band-It Company. (See Beardsley, Harold H., assignor.)
Barbel, Jacob, New York, N. Y. Jacket. 138,175; June 27.
Barbel, Jacob, New York, N. Y. Jacket. 139,658; Dec. 5.
Barbel, Jacob, New York, N. Y. Jacket. 139,659; Dec. 5.
Barbel, Jacob, New York, N. Y. Jacket. 139,660; Dec. 5.
Barbel, Jacob, New York, N. Y. Jacket. 139,661; Dec. 5.
Barber, Floyd L. (See Adams, Gilford D., assignor.)
Barber, Lonnie, assignor of fifty percent to I. Pritchett, Danville, Va. Pendant or similar article. 138,024; June 6.
Barbieri, Nicholas, Providence, R. I., assignor to Uncas Manufacturing Company. Alphabet for forming monograms or similar article. 138,010; June 6.
Barbieri, Nicholas, Providence, R. I., assignor to Uncas Manufacturing Company. Brooch or similar article. 139,373; Nov. 7.
Barbieri, Nicholas, Providence, R. I., assignor to Uncas Manufacturing Company. Brooch or similar article. 139,374; Nov. 7.
Barbieri, Nicholas, Providence, R. I., assignor to Uncas Manufacturing Company. Brooch or similar article. 139,375; Nov. 7.
Barbieri, Nicholas, Providence, R. I., assignor to Uncas Manufacturing Company. Brooch or similar article. 139,392; Nov. 7.
Barbieri, Nicholas, Providence, R. I., assignor to Uncas Manufacturing Company. Brooch or similar article. 139,393; Nov. 7.
Bard-Parker Company, Inc. (See Arden, Thomas R., assignor.)
Barger, Herb C., Denver, Colo. Music stand. 139,445; Nov. 14.
Barke, H. E. (See Lee, Bert, assignor.)
Barnes, James F. (See Reinecke, Jean O., assignor.)
Barnique, Charles, Los Angeles, Calif. Ring or similar article of jewelry. 137,403; Mar. 7.
Baron, Moe, Highland Park, assignor to Victory Toy Company, Chicago, Ill. Toy cannon. 138,112; June 20.
Baron, Moe, Highland Park, assignor to Victory Toy Company, Chicago, Ill. Toy train. 138,113; June 20.
Barry, Ernest M., Maywood, Calif. Combined boudoir lamp and jewel case. 138,046; June 6.
Barshefski, Stanley A., Grand Rapids, Mich. Helicopter. 138,034; June 6.
Bartalott, Herman A., Chicago, Ill. Combined container punching and liquid dispensing device or similar article. 139,741; Dec. 19.
Bartusch, Alexander P., Lockport, N. Y. Bow compass. 137,435; Mar. 14.
Basescu, Arthur, Brooklyn, N. Y. Ash tray. 136,968; Jan. 4.
Basser, Irene, and G. Pins, New York, N. Y. Lady's handbag. 138,449; Aug. 8.
Bastian Blessing Company, The. (See Levings, Sherburne D., assignor.)
Bates, Clifford L., Des Moines, Iowa. Toy truck. 138,668; Aug. 29.
Bates, Mortimer, Brooklyn, N. Y., assignor to Sperry Gyroscope Company, Inc. Helicopter. 139,424; Nov. 14.
Bauer, Eddie, Seattle, Wash. Jacket. 138,336; July 18.
Bauer, Eddie, Seattle, Wash. Jacket. 139,242; Oct. 24.
Bauer, Eddie, Seattle, Wash Hooded coat. 139,535; Nov. 28.
Bauer, Eddie, Seattle, Wash. Waistcoat. 139,536; Nov. 28.
Bauer, Eddie, Seattle, Wash. Jacket. 139,537; Nov. 28.
Bauerle, George, Chicago, Ill. Push toy. 138,642; Aug. 29.
Baumgartner, Apollinaris, New York, N. Y. Liturgical fabric or similar article. 137,092; Jan. 18.
Baumgartner, Apollinaris, New York, N. Y. Liturgical fabric or similar article. 137,093; Jan. 18.
Baumgartner, Apollinaris, New York, N. Y. Orphrey or similar article. 137,094; Jan. 18.
Baumgartner, Apollinaris, New York, N. Y. Liturgical fabric or similar article. 137,919; May 16.
Baumgartner, Apollinaris, New York, N. Y. Liturgical fabric or similar article. 137,920; May 16.
Baumgartner, Apollinaris, New York, N. Y. Liturgical fabric or similar article. 137,921; May 16.
Baumgartner, Apollinaris, New York, N. Y. Liturgical fabric or similar article. 137,922; May 16.
Baumgartner, Apollinaris, New York, N. Y. Liturgical fabric or similar article. 138,835; Sept. 19.
Baunach, Roy J., assignor to The Swartzbough Manufacturing Company, Toledo, Ohio. Food conveyer. 137,977; May 30.
Bausch & Lomb Optical Company. (See Stegeman, Raymond F. E., assignor.)
Beach, Lennox F., Port Washington, O. E. Esval, Huntington, and A. W. Lane, Roosevelt, N. Y., assignors to Sperry Gyroscope Company, Inc. Aircraft turn indicator. 139,172; Oct. 17.
Beard, Charles L., Lancaster, Pa. Metal cutter. 137,923; May 16.
Beard, Charles L., Lancaster, Pa. Angle shrinker. 139,505; Nov. 21.
Beardsley, Harold H., assignor to Band-It Company, Denver, Colo. Tool for applying hose clamps or the like. 137,947; May 23.
Beardsley & Piper Company, The. (See Piper, W. F., and Soldat, assignors.)
Beatrice Creamer Company. (See Fuerst, Edwin W., assignor.)
Beatty, Clarence E., Colorado Springs, Colo. Belt buckle. 139,358; Nov. 7.
Beatty, Edward W. (See Allen, P. E., and Beatty.)
Beatty, Robert J., Columbus, Ohio. Ash tray or article of similar nature. 138,534; Aug. 15.
Beauchamp, Virgil G., Chapin, Ill. Buffet or similar article. 137,941; May 23.
Beaudry, Alfred, Los Angeles, Calif. Refrigerated display cabinet. 139,202; Oct. 17.
Beaver, Howard W., Engle Rock, Calif. Pull toy. 139,574; Nov. 28.
Beaver Pipe Tools, Inc. (See Phillis, William A., assignor.)
Bécard, Florence L., Irvington, N. Y. Baby's bootee. 139,815; Dec. 26.
Beck, Simon, New York, N. Y. Coat. 137,627; Apr. 4.
Beck, Simon, New York, N. Y. Coat. 138,303; July 11.
Becker, Aloysius W., Chicago, Ill. Ash tray. 138,726; Sept. 5.

Becker, Fred H., and L. F. Peabody, assignors to The Ohio Leather Company, Girard, Ohio. Leather or similar article of manufacture. 138,797; Sept. 12.
Becker, George A., assignor to Eitel-McCullough, Inc., San Bruno, Calif. Vacuum pump. 137,485; Mar. 21.
Becker, Milton, Passaic, N. J. Combined billfold, key case and token purse. 138,035; June 6.
Beckstrom, Garfield L., assignor to Autopoint Company, Chicago, Ill. Mechanical pencil or similar article. 138,499; Aug. 15.
Beckstrom, Garfield L., assignor to Autopoint Company, Chicago, Ill. Mechanical pencil or similar article. 138,500; Aug. 15.
Beckstrom, Garfield L., assignor to Autopoint Company, Chicago, Ill. Mechanical pencil or similar article. 138,501; Aug. 15.
Beckstrom, Garfield L., assignor to Autopoint Company, Chicago, Ill. Mechanical pencil or similar article. 138,502; Aug. 15.
Bedell, Walter, Glen Cove, N. Y. Nail set. 137,458; Mar. 14.
Bee, Sophie, Edgewater, N. J. Pin or the like. 137,577; Apr. 4.
Beech Aircraft Corporation. (See Blanchard, Irvin H., assignor.)
Behr, Siegfried, Flushing, N. Y. Comb. 138,243; July 1.
Belanger, Louis J., Graniteville, Vt. Milking device. 138,061; June 13.
Belcher, George E., Company. (See Reinhardt, Louis W., assignor.)
Bel Geddes, Norman, & Company. (See Wales, Nathaniel B., assignor.)
Belknap, Eugene M., et al. (See Perry, Archie N., assignor.)
Belknap, Eugene M., Toledo, Ohio. Wheeled toy. 139,591; Dec. 5
Belknap, Eugene M., Toledo, Ohio. Wheeled toy. 139,592; Dec. 5.
Bell, Stanley A. (See Hughes, H. R., Clark, and Bell.)
Bell Telephone Laboratories, Incorporated. (See Hose, Robert H., assignor.)
Bell Telephone Laboratories, Incorporated. (See Merrill, V. A., and Terry, assignors.)
Belmont Casket Manufacturing Company, The. (See Neff, Harry A., assignor.)
Belshaw, Charles F., Greenville, Mich. Toilet paper dispenser. 137,391; Feb. 29.
Belshaw, Charles F., Greenville, Mich. Toilet paper dispenser. 137,392; Feb. 29.
Benromo, Nicolas, Tampa, Fla. Advertising rack. 137,993; May 30.
Bendix Aviation Corporation. (See Flanagan, R., and Taylor, assignors.)
Bendix Aviation Corporation. (See Frick, Harold L., assignor.)
Bendix Aviation Corporation. (See Miles, John R., assignor.)
Bendix Aviation Corporation. (See Moore, Vernon, assignor.)
Bendix Aviation Corporation. (See Nardone, Romeo M., assignor.)
Bendix, Juliette, and E. Halonze, New York, N. Y. Eyeglass frame. 138,219; July 11.
Benner, Samuel, Milwaukee, Wis. Billfold. 138,134; June 27.
Benner, Samuel, Milwaukee, Wis. Billfold. 138,135; June 27.
Bennett, George, assignor to Pinaud Incorporated, New York, N. Y. Perfume container. 139,495; Nov. 21.
Benoit, Peter, Alexandria, Ontario, Canada. Combined direction indicating signal and switch. 139,701; Dec. 12.
Benoto, Theola, St. Louis, Mo. Soap holder. 137,908; May 16.
Benson, Robert H., Minneapolis, and D. Root, St. Paul, Minn. Bridge score. 138,071; June 13.
Benson, Robert H., Minneapolis, and D. Root, St. Paul, Minn. Bridge scorer. 138,072; June 13.
Benson, Robert H., Minneapolis, and D. Root, St. Paul, Minn. Bridge scorer. 138,220; July 11.
Benton, Ian, El Paso, Tex. Can or similar article. 138,755; Sept. 5.
Bensel, Howard A., Matilla, assignor to Scott Aviation Corporation, Lancaster, N. Y. Tail wheel unit for airplanes. 137,181; Feb. 1.
Berardino, Vincent J. (See Zurfehr, W. B., and Berardino.)
Berens, Robert S., Brooklyn, N. Y. Wallet. 137,725; Apr. 25.
Berens, Robert S., Brooklyn, N. Y. Wallet. 137,726; Apr. 25.
Berens, Robert S., Brooklyn, N. Y. Wallet. 137,727; Apr. 25.
Berens, Robert S., New York, N. Y. Wallet. 139,847; Dec. 26.
Berg, Willie, Chicago, Ill. Foldable music stand. 139,206; Oct. 17.
Berger, Theodore M., Ridgefield, N. J. Tightening bar for an embroidery machine. 137,158; Feb. 1.
Berkow, Murray. (See Kartvell, A., and Berkow.)
Berkow, Murray, Flushing Heights, N. Y., assignor to Republic Aviation Corporation. Combination aircraft canopy and windshield. 138,277; July 11.
Berkowitz, Shep C., Los Angeles, Calif. Shoe bottom. 136,969; Jan. 4.
Berman, Philip, New York, N. Y. Liquid eductor. 138,244; July 11.
Bernard, William E., Pittsfield, Mass. Spirit level. 138,392; Aug. 1.
Bernhard, Jessie B., Birmingham, Ala. Shirt. 137,509; Mar. 21.
Bernstein, David A., et al. (See de Waltoff, Samuel A., assignor.)
Bernstein, George E. (See Herman, Edward, assignor.)
Berry, Edward, Indianapolis, Ind. Child's play pen. 139,662; Dec. 5.
Bertisch, Leo, Cedarhurst, N. Y. Combined soap bowl and holder. 139,616; Dec. 26.
Betesh, Charles I., New York, N. Y. Tablecloth or similar article. 138,836; Sept. 19.
Betesh, Charles I., New York, N. Y. Tablecloth or similar article. 138,837; Sept. 19.
Bettinger, Ellsworth S., et al. (See Lewis, K. J., and Bettinger.)
Bilek, Frank J., assignor to The Globe Company, Chicago, Ill. Poultry shackle. 139,673; Dec. 12.
Biller, David J., St. Louis, and B. A. Kaeppel, Normandy, assignors to Day-Brite Lighting, Inc., St. Louis, Mo. Louvered fluorescent lighting fixture. 138,990; Oct. 3.
Birsh, Henry, Jr. (See Birsh, Henry, assignor.)
Birsh, Henry, New York, N. Y. Offset double propeller. 137,472; Mar. 14.
Birsh, Henry, New York, N. Y. Single-blade propeller. 137,473; Mar. 14.
Birsh, Henry, New York, N. Y. Lamp. 137,885; May 9.
Birsh, Henry, assignor to Henry Birsh, Jr., New York, N. Y. Reversible multifilament lamp bulb. 136,970; Jan. 4.
Bissell, Marion H., Chicago, Ill. Combination cleaning and polishing device. 139,376; Nov. 7.
Bissell, Marion H., Chicago, Ill. Combination cleaning and polishing device. 139,377; Nov. 7.
Bissett, Enid, assignor to Maiden Form Brassiere Company, Inc., New York, N. Y. Undergarment or the like for women. 137,552; Mar. 28.
Blake, Virginia, Miami Beach, Fla. Foldable, fabric, luggage bag. 136,996; Jan. 4.
Blanchard, Irvin H., assignor to Beech Aircraft Corporation, Wichita, Kans. Turnbuckle wrench. 137,909; May 16.
Blanchette, Doris M., Chicago Heights, assignor to Bradley Manufacturing Co., Chicago, Ill. Frame for pictures, mirrors, and the like. 137,533; Mar. 28.
Blanchette, Doris M., Chicago Heights, assignor to Bradley Manufacturing Co., Chicago, Ill. Frame for mirrors, pictures, and the like. 137,910; May 16.
Blando, Thomas R., Utica, N. Y. Fishing pole. 139,078; Oct. 10.
Blaski, John F., Chicago, Ill. Portable airplane workshed. 137,171; Feb. 1.
Blazey, Lawrence, Bay Village, assignor to Central Plastic Products Corporation, Cleveland Heights, Ohio. Bicycle chain guard. 137,911; May 16.
Bloom, Samuel M., New York, N. Y. Urine deflector. 139,221; Oct. 24.
Bluemink, Gary G., Racine, Wis., assignor to The Dumore Company. Electric motor. 137,172; Feb. 1.
Blum, Louis, Los Angeles, Calif. Finger ring. 139,731; Dec. 12.
Bohn Aluminum Brass Corporation. (See Walker, George W., assignor.)
Bohn Aluminum & Brass Corporation. (See Walker, George W., assignor.)
Bollmeier, Carl F., Milwaukee, Wis. Toy revolver. 138,566; Aug. 22.
Booharin, Leo Y., San Francisco, Calif. Dial for a timepiece. 137,404; Mar. 7.
Boosey, Lawrence N., Detroit, Mich. Combined valve and vacuum breaker for water systems. 137,700; Apr. 18.
Booth, Jack J., Dallas, Tex. Draft arm for beverage dispensers. 137,115; Jan. 25.
Boots, William C., Attleboro, Mass. Chain. 139,043; Oct. 10.
Booty, Philip C. P., Chicago, Ill. Dart. 137,804; May 2.
Borah, John E., Penn Township, St. Joseph County, Ind. Combination shelf and drying rack. 137,159; Feb. 1.
Borden Company, The. (See Oehrle, Walter, assignor.)
Borger, David H. (See Taylor, Owen, assignor.)
Borstein, Leon. (See Ostrin, A. H., and Borstein.)
Bosack, Irwin A. (See Armbruster, J. T., and Bosack.)
Boston Envelope Company. (See Silvar, Samuel A., assignor.)
Bosworth, Charles S. (See Graves, J. A., and Bosworth.)
Botany Worsted Mills. (See Stone, Alec, assignor.)
Boucher, Marcel, New York, N. Y. Pin or similar article. 139,674; Dec. 12.
Boucher, Marcel, New York, N. Y. Pin or similar article. 139,675; Dec. 12.
Boucher, Marcel, New York, N. Y. Pin or similar article. 139,676; Dec. 12.
Boucher, Marcel, New York, N. Y. Pin or similar article. 139,677; Dec. 12.
Boucher, Marcel, New York, N. Y. Earring or similar article. 139,678; Dec. 12.
Bovera, William J., Caldwell, N. J., assignor to F. W. Woolworth Co., New York, N. Y. Combination show case and merchandise display trays. 139,208; Oct. 24.

Bovers, William J., Caldwell, N. J., assignor to F. W. Woolworth Co., New York, N. Y. Combined show and merchandising case. 139,209; Oct. 24.
Bowen, Alfred J., Beloit, Wis. Combined disk grinder and surfacer. 138,969; Oct. 3.
Bowen, Alfred J., Beloit, Wis. Combined disk grinder and surfacer. 138,970; Oct. 3.
Bowen, Alfred J., Beloit, Wis. Combined disk grinder and surfacer. 138,971; Oct. 3.
Bowers, Vaughn E., Saratoga, Ind. Bottle. 139,135; Oct. 10.
Boyd, Charles R., Chicago, Ill. Spark plug. 139,754; Dec. 19.
Boynton, Earl S., East Orange, N. J. Lamp. 138,209; July 4.
Boynton, Earl S., East Orange, N. J. Bicycle. 138,304; July 11.
Bradbury, Clarence M., Brooklyn, N. Y. Key pendant. 137,978; May 30.
Bradley, Eugene H., Chicago, Ill. Fluorescent light fixture. 138,370; July 25.
Bradley Manufacturing Co. (See Blanchette, Doris M., assignor.)
Bradley, Ralph A., Minneapolis, Minn. Trailer tank. 138,245; July 11.
Bradley, Roy C., Aguanga, Calif. Shingle roof patching tool. 137,738; Apr. 25.
Bradley Washfountain Co. (See Mullett, Howard G., assignor.)
Braloff, Henry E., Rockville Centre, N. Y. Record cabinet. 138,337; July 18.
Brandenburg Instrument Co. (See Brandenburg, Julius, assignor.)
Brandenburg, Julius, New York, N. Y., assignor to Brandenburg Instrument Co., Inc. Spinal puncture needle. 138,589; Aug. 22.
Branner, Samuel, Chicago, Ill. Combination baby walker and stroller. 138,923; Sept. 26.
Breen, John A., Pasadena, Calif. Heat dispersing device to aid in cooking. 138,062; June 13.
Bressler, Althea J., Glassboro, N. J., assignor of one-half to C. B. Kain. Doll. 139,593; Dec. 5.
Brewster Aeronautical Corporation. (See MacCart, Raymond D., assignor.)
Brittingham, Vertner D., Lexington, Ky. Finger claw weeder. 136,947; Jan. 4.
Brittingham, Vertner, Dearborn, Mich. Game board. 138,736; Sept. 5.
Britton, Arthur T., Santa Clara, Calif. Connecting rod. 138,136; June 27.
Britton, Vance P., New York, N. Y. Boot. 139,147; Oct. 17.
Brodigan, Joe, Brooklyn, N. Y. Woman's pants. 137,924; May 16.
Brody, Benjamin R., New York, N. Y. Lady's handbag or similar article. 137,619; Apr. 4.
Brody, Ben R., Los Angeles, Calif. Lady's handbag or similar article. 138,940; Sept. 26.
Brokate, John, Meriden, Conn., assignor to National Silver Company, New York, N. Y. Spoon or other article of flatware. 139,599; Dec. 5.
Brokate, John, Meriden, Conn., assignor to National Silver Company, New York, N. Y. Spoon or other article of flatware. 139,600; Dec. 5.
Brooks, Natacha, New York, N. Y. Earring or similar article. 139,165; Oct. 17.
Brown & Bigelow. (See Lehman, E. C., and Shirley, assignors.)
Brown, Cecil F., Kansas City, Mo. Hobbyhorse. 139,800; Dec. 26.
Brown, Charles G. (See Burton, E. F., and Brown.)
Brown, Fulton, Winchester, Mass. Bell. 137,664; Apr. 11.
Brown, George D., West Los Angeles, Calif. Bib or similar article. 138,812; Sept. 19.
Brown, Homer W., Norfolk, Va. Service pin. 137,336; Feb. 22.
Brown, John F., Los Angeles, Calif. Dental plate brush. 137,641; Apr. 11.
Brown, John F., Los Angeles, Calif. Pickle fork. 138,137; June 27.
Brown, Leslie A. (See Parkin, G. F., and Brown.)
Brown, Ruth J., Middle River, assignor to The Glenn L. Martin Company, Baltimore, Md. Airplane. 137,701; Apr. 18.
Brown, Stanley J., Elm Grove, assignor to Met'l-Top Tables Inc., Milwaukee, Wis. Tie rack. 137,267; Feb. 15.
Brown, Stanley J., Elm Grove, assignor to Met-L-Top Tables Inc., Milwaukee, Wis. Shoe rack. 139,415; Nov. 14.
Brownback, Wilber E., New York, N. Y. Safety razor. 137,220; Feb. 8.
Brownback, Wilber E., New York, N. Y. Safety razor guard. 137,221; Feb. 8.
Brubaker, Leo D., York, Pa., assignor to The Dentists' Supply Company of New York, New York, N. Y. Artificial tooth facing. 139,446; Nov. 14.
Brubaker, Leo D., York, Pa., assignor to The Dentists' Supply Company of New York, New York, N. Y. Artificial tooth facing. 139,447; Nov. 14.
Bruetsch, Joseph J., Detroit, Mich. Drawing compass. 138,129; June 20.
Brumder, Edward J., assignor to The North American Press, Milwaukee, Wis. Gerdenia mount. 137,073; Jan. 18.
Bruner, Rudy, New York, N. Y. Screen panel or the like. 139,766; Dec. 19.
Bryan, James E., assignor to The Cleveland Shopping News Company, Cleveland, Ohio. Doll. 138,073; June 13.
Bryan, James E., assignor to The Cleveland Shopping News Company, Cleveland, Ohio. Doll. 138,074; June 13.
Bryant Electric Company, The. (See Smith, Charles J., assignor.)
Bryant Heater Company, The. (See Ryden, Eric H., assignor.)
Buck, Robert H., Oakland, Calif. Welding electrode holder. 138,643; Aug. 29.
Buck, William H. (See Musselman, H. E., and Buck.)
Buckingham, John D., assignor to Lucien Lelong, Inc., Chicago, Ill. Combined perfume bottle and stopper or similar article. 139,433; Nov. 14.
Buffalo Fire Appliance Corporation. (See Smith, Howard C., assignor.)
Buffalo-Springfield Roller Co., The. (See Harrison, J. F., and Greiner, assignors.)
Buffenbarger, James F., assignor to The Gardner-Richardson Company, Middletown, Ohio. Bird figure. 137,173; Feb. 1.
Buffenbarger, James F., assignor to The Gardner-Richardson Company, Middletown, Ohio. Bird figure. 137,534; Mar. 28.
Buffenbarger, James F., assignor to The Gardner-Richardson Company, Middletown, Ohio. Floating decoy or like figure. 138,590; Aug. 22.
Bugbee and Niles Company. (See Page, Lewis C., assignor.)
Bulbulian, Arthur H., Rochester, Minn. Aviator's oxygen mask. 138,036; June 6.
Bullock's, Inc. (See Newport, Margaret, assignor.)
Bumbaugh, George L., Indianapolis, Ind. Noise making toy gun. 136,948; Jan. 4.
Bunnell, James, Denver, Colo. Pull toy. 138,798; Sept. 12.
Bunnell, James, Denver, Colo. Spinning toy. 139,575; Nov. 28.
Buono, Ferdinand C., New York, N. Y. Bomb extinguishing device. 137,291; Feb. 15.
Burbey, John E., Kansas City, Mo. Playing card. 137,553; Mar. 28.
Burg, Julia T., Detroit, Mich. Clothes stick. 138,138; June 27.
Burgess Battery Company. (See Iannelli, Alfonso, assignor.)
Burke, James D., and F. A. Crooks, Los Angeles; said Burke assignor to A. M. Maree, Jr., S. L. Post, S. E. Lindahl, and himself, Los Angeles County, Calif. Torque meter. 138,806; Sept. 19.
Burke, James D., and F. A. Crooks, Los Angeles; said Burke assignor to A. M. Maree, Jr., S. L. Post, S. E. Lindahl, and himself, Los Angeles County, Calif. Torque meter. 138,807; Sept. 19.
Burke, James D., and F. A. Crooks, Los Angeles; said Burke assignor to A. M. Maree, Jr., S. L. Post, S. E. Lindahl, and himself, Los Angeles County, Calif. Armature for electromagnet. 138,827; Sept. 19.
Burke, James D., and F. A. Crooks, Los Angeles; said Burke assignor to A. M. Maree, Jr., S. L. Post, S. E. Lindahl, and himself, Los Angeles County, Calif. Balanced armature for electromagnet. 138,828; Sept. 19.
Burr, Edward E., Chicago, Ill. Combined valet cabinet and coat hanger. 138,063; June 13.
Burr, Edward E., Chicago, Ill. Garment hanger. 138,075; June 13.
Burrafato, Saveria, Brooklyn, N. Y. Shoe. 138,210; July 4.
Burrafato, Saveria, Brooklyn, N. Y. Shoe. 138,211; July 4.
Burton, Charles F., West Los Angeles, and C. G. Brown, Santa Monica, Calif. Airplane. 138,535; Aug. 15.
Burton, William, Chicago, Ill. Sheet of a decorative wall material or the like. 137,840; May 2.
Burton, William, Chicago, Ill. Sheet of a decorative wall material or the like. 137,841; May 2.
Burton, William, Chicago, Ill. Sheet of a decorative wall material or the like. 137,842; May 2.
Burton, William, Chicago, Ill. Sheet of a decorative wall material or the like. 137,843; May 2.
Burton, William, Chicago, Ill. Sheet of a decorative wall material or the like. 137,844; May 2.
Burton, William, Chicago, Ill. Sheet of a decorative wall material or the like. 137,845; May 2.
Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Wallpaper or similar article. 137,037; Jan. 11.
Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Wallpaper border or similar article. 137,074; Jan. 18.
Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Wallpaper border or similar article. 137,075; Jan. 18.
Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Wallpaper or similar article. 137,076; Jan. 18.

Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Wallpaper or similar article. 137,077; Jan. 18.
Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Wallpaper or similar article. 137,078; Jan. 18.
Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Wallpaper or similar article. 137,079; Jan. 18.
Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Wallpaper or similar article. 137,080; Jan. 18.
Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Wallpaper or similar article. 137,081; Jan. 18.
Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Wallpaper or similar article. 137,082; Jan. 18.
Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Wallpaper or similar article. 137,083; Jan. 18.
Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Wallpaper or similar article. 137,084; Jan. 18.
Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Wallpaper or similar article. 137,095; Jan. 18.
Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Wallpaper or similar article. 137,096; Jan. 18.
Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Wallpaper or similar article. 137,097; Jan. 18.
Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Wallpaper or similar article. 137,098; Jan. 18.
Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Wallpaper or similar article. 137,099; Jan. 18.
Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Wallpaper or similar article. 137,100; Jan. 18.
Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Wallpaper or similar article. 137,101; Jan. 18.
Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Wallpaper or similar article. 137,102; Jan. 18.
Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Wallpaper or similar article. 137,103; Jan. 18.
Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Wallpaper or similar article. 137,104; Jan. 18.
Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Wallpaper or similar article. 137,105; Jan. 18.
Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Wallpaper border or similar article. 137,222; Feb. 8.
Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Wallpaper or similar article. 137,223; Feb. 8.
Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Wallpaper or similar article. 137,361; Feb. 22.
Burton, William, assignor to Trimz Company, Inc., Chicago Ill. Wallpaper border or similar article. 137,405; Mar. 7.
Burton, William, assignor to United Wall Paper Factories, Inc., Chicago, Ill. Wallpaper border or similar article. 138,246; July 11.
Burton, William, assignor to United Wall Paper Factories, Inc., Chicago, Ill. Wallpaper border or similar article. 138,247; July 11.
Burton, William, assignor to United Wall Paper Factories, Inc., Chicago, Ill. Wallpaper border or similar article. 138,248; July 11.
Burton, William, assignor to United Wall Paper Factories, Inc., Chicago, Ill. Wallpaper border or similar article. 138,249; July 11.
Burton, William, assignor to United Wall Paper Factories, Inc., Chicago, Ill. Wallpaper border or similar article. 138,250; July 11.
Burton, William, assignor to United Wall Paper Factories, Inc., Chicago, Ill. Wallpaper border or similar article. 138,251; July 11.
Burton, William, assignor to United Wall Paper Factories, Inc., Chicago, Ill. Wallpaper border or similar article. 138,257; July 11.
Burton, William, assignor to United Wall Paper Factories, Inc., Chicago, Ill. Wallpaper border or similar article. 138,258; July 11.
Burton, William, assignor to United Wall Paper Factories, Inc., Chicago, Ill. Wallpaper border or similar article. 138,259; July 11.
Burton, William, assignor to United Wall Paper Factories, Inc., Chicago, Ill. Wallpaper border or similar article. 138,260; July 11.
Burton, William, assignor to United Wall Paper Factories, Inc., Chicago, Ill. Wallpaper border or similar article. 138,261; July 11.
Burton, William, assignor to United Wall Paper Factories, Inc., Chicago, Ill. Wallpaper border or similar article. 138,262; July 11.
Burton, William, assignor to United Wall Paper Factories, Inc., Chicago, Ill. Wallpaper border or similar article. 138,455; Aug. 8.
Burton, William, assignor to United Wall Paper Factories, Inc., Chicago, Ill. Wallpaper border or similar article. 138,456; Aug. 8.
Burton, William, assignor to United Wall Paper Factories, Inc., Chicago, Ill. Wallpaper border or similar article. 138,457; Aug. 8.
Burton, William, assignor to United Wall Paper Factories, Inc., Chicago, Ill. Wallpaper border or similar article. 138,458; Aug. 8.
Burton, William, assignor to United Wall Paper Factories, Inc., Chicago, Ill. Wallpaper border or similar article. 138,459; Aug. 8.
Burton, William, assignor to United Wall Paper Factories, Inc., Chicago, Ill. Wallpaper border or similar article. 138,460; Aug. 8.
Burton, William, assignor to United Wall Paper Factories, Inc., Chicago, Ill. Wallpaper border or similar article. 138,461; Aug. 8.
Burton, William, assignor to United Wall Paper Factories, Inc., Chicago, Ill. Wallpaper border or similar article. 138,759; Sept. 12.
Burton, William, assignor to United Wall Paper Factories, Inc., Chicago, Ill. Wallpaper border or similar article. 138,760; Sept. 12.
Burton, William, assignor to United Wall Paper Factories, Inc., Chicago, Ill. Wallpaper border or similar article. 138,761; Sept. 12.
Burton, William, assignor to United Wall Paper Factories, Inc., Chicago, Ill. Wallpaper border or similar article. 138,762; Sept. 12.
Burton, William, assignor to United Wall Paper Factories, Inc., Chicago, Ill. Wallpaper border or similar article. 138,763; Sept. 12.
Burton, William, assignor to United Wall Paper Factories, Inc., Chicago, Ill. Wallpaper border or similar article. 138,764; Sept. 12.
Burton, William, assignor to United Wall Paper Factories, Inc., Chicago, Ill. Wallpaper border or similar article. 138,765; Sept. 12.
Burton, William, assignor to United Wall Paper Factories, Inc., Chicago, Ill. Wallpaper border or similar article. 138,766; Sept. 12.
Burton, William, assignor to United Wall Paper Factories, Inc., Chicago, Ill. Wallpaper border or similar article. 138,767; Sept. 12.
Burton, William, assignor to United Wall Paper Factories, Inc., Chicago, Ill. Wallpaper border or similar article. 138,768; Sept. 12.
Burton, William, assignor to United Wall Paper Factories, Inc., Chicago, Ill. Wallpaper border or similar article. 138,769; Sept. 12.
Burton, William, assignor to United Wall Paper Factories, Inc., Chicago, Ill. Wallpaper border or similar article. 138,770; Sept. 12.
Burton, William, assignor to United Wall Paper Factories, Inc., Chicago, Ill. Wallpaper border or similar article. 138,771; Sept. 12.
Burton, William, assignor to United Wall Paper Factories, Inc., Chicago, Ill. Wallpaper border or similar article. 138,772; Sept. 12.
Burton, William, assignor to United Wall Paper Factories, Inc., Chicago, Ill. Wallpaper border or similar article. 138,789; Sept. 12.
Burton, William, assignor to United Wall Paper Factories, Inc., Chicago, Ill. Wallpaper border or similar article. 139,123; Oct. 10.
Burton, William, assignor to United Wall Paper Factories, Inc., Chicago, Ill. Wallpaper border or similar article. 139,124; Oct. 10.
Burton, William, assignor to United Wall Paper Factories, Inc., Chicago, Ill. Wallpaper border or similar article. 139,125; Oct. 10.
Burton, William, assignor to United Wall Paper Factories, Inc., Chicago, Ill. Wallpaper border or similar article. 139,189; Oct. 17.
Burton, William, assignor to United Wall Paper Factories, Inc., Chicago, Ill. Wallpaper border or similar article. 139,266; Oct. 31.
Burton, William, assignor to United Wall Paper Factories, Inc., Chicago, Ill. Wallpaper border or similar article. 139,267; Oct. 31.
Bury, Paul A., Cincinnati, Ohio. Liquid sprayer. 137,234; Feb. 8.
Bush, Herman, New York, N. Y. Picture frame or similar article. 138,393; Aug. 1.
Butler, Arthur N. (See Graves, J., and Butler.)
Butler, Edgar M., New Orleans, La. Negative element for self-energizing electrolytic water correction devices. 137,235; Feb. 8.
Butler, Edgar M., New Orleans, La. Self-energising electrolytic water correction device. 137,236; Feb. 8.
Butler, Edgar M., New Orleans, La. Self-energising electrolytic water correction device. 138,949; Sept. 26.
Butler, Edgar M., New Orleans, La. Self-energising electrolytic water correction device. 139,124; Oct. 10.
Butler Manufacturing Company. (See Clark, Elmer F., assignor.)

Butler Manufacturing Company. (See Larkin, Wilbur B., assignor.)
Butler Manufacturing Company. (See Lenihan, Charles E., assignor.)
Butler Manufacturing Company. (See Van Scoy, K. E., and Todd, assignors.)
Button Rim Corporation. (See Frank, Charles H., assignor.)
Bye, Paul C., Pasadena, Calif. Can piercing implement. 138,912; Sept. 26.
Byrd, Marc A., Saegertown, and F. La Bounty, Edinboro, Pa. Bottle. 139,564; Nov. 28.
Cade, John W., La Canada, assignor to Sturgess, Inc., Glendale, Calif. Cable tension regulator. 138,644; Aug. 29.
Cadwallader, Robert, Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Automobile bumper. 137,038; Jan. 11.
Cadwallader, Robert, Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Automobile bumper. 137,039; Jan. 11.
Cadwallader, Robert, Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Automobile bumper. 137,040; Jan. 11.
Caestecker, Charles E., Kenilworth, assignor to American Molded Products Co., Chicago, Ill. Sink strainer. 139,091; Oct. 10.
Calderon, Federico, Jr., N. Laredo, Tamps, Mexico. Pen and pencil guard. 138,645; Aug. 29.
California Aero Glider Co. (See Jensen, Volmer S., assignor.)
Call, Andy F., San Francisco, Calif. Vehicle for children. 138,468; Aug. 8.
Cambern, Clifford L., Seattle, Wash. Floor mop. 139,173; Oct. 17.
Camerle, Alexander, New York, N. Y. Alpaca fur slipper. 138,221; July 11.
Camerle, Alexander, New York, N. Y. Alpaca fur and lambskin slipper. 138,222; July 11.
Camp, William M., Glen Ridge, N. J. Traveler for twisting ring. 139,626; Dec. 5.
Camp, William M., Glen Ridge, N. J. Traveler for spinning ring. 139,627; Dec. 5.
Canfield, Edwin A., Chatham, N. J. Radio program time indicator. 137,383; Feb. 29.
Canterbury, Henry H., Whittier, and A. T. Stock, Maywood, Calif. Compact. 139,277; Oct. 31.
Caplan, Abraham S., Brookline, assignor to Premier, Inc., Boston, Mass. Combined flowerpot and stand. 137,106; Jan. 18.
Cardelli, Frank, Hot Springs, Ark. Flowerpot holder. 139,318; Oct. 31.
Carlson, Carl W. (See Stone, R. A., and Carlson.)
Carlson, Ernest J., Reading, Pa. Nutcracker. 139,576; Nov. 28.
Carman, Edwin C., New Orleans, La. Hosiery jar or similar article. 138,076; June 13.
Carney, Joseph, Miami, Fla. Lapel ornament. 139,260; Oct. 24.
Carney, Mildred. (See Scott, C. L., Shelby, Carney, and Meloche.)
Caron Corporation. (See Lieberfield, Albert, assignor.)
Carson, Gretyl E., Chicago, Ill. Cigarette holder. 139,321; Oct. 31.
Cartee, Frank A., Coral Gables, Fla. Doll. 138,799; Sept. 12.
Case, W. A., and Son Manufacturing Company. (See Young, Willard G., assignor.)
Cashin, Bonnie, New York, N. Y. Dress. 136,988; Jan. 4.
Cashin, Bonnie, New York, N. Y. Dress. 137,041; Jan. 11.
Cashin, Bonnie, New York, N. Y. Dress. 137,331; Feb. 22.
Casso, Bessie, assignor to M. Silver, doing business as Sufix Manufacturing Co., Boston, Mass. Slipper. 139,801; Dec. 5.
Castle, Emil J., Lenox, Mich. Bow-buckle or similar article. 137,859; May 9.
Castle, Emil J., Lenox, Mich. Milking stool. 139,702; Dec. 12.
Celander, Phillip A., Freeport, Ill., assignor to First Industrial Corporation, Wilmington, Del. Switch housing. 139,755; Dec. 19.
Celomat Corp. (See Weil, Herbert, Jr., assignor.)
Celon Company, The. (See Trecek, Louis, assignor.)
Central Plastic Products Corporation. (See Blazey, Lawrence, assignor.)
Chace, Lester M., Pekin, assignor to Ludowici Celadon Company, Chicago, Ill. Cookie jar. 138,536; Aug. 15.
Chace, Lester M., Pekin, assignor to Ludowici Celadon Company, Chicago, Ill. Cookie jar. 138,537; Aug. 15.
Chalk, Benjamin, New York, N. Y. Vest. 137,259; Feb. 8.
Champion Aviation Products Company. (See Hodges, V. C., and Smallwood, assignors.)
Chandler, Frank J., and J. B. Paton, Detroit, Mich. Sterilising device. 139,817; Dec. 26.
Chandler, James H. (See Chapman, D., and Chandler.)
Chandler, James H., Oak Park, and M. J. Zimmer, Woodale, assignors to The Edward Katzinger Company, Chicago, Ill. Pressure cooker. 139,234; Oct. 24.
Chandler, James H., Oak Park, and M. J. Zimmer, Woodale, assignors to The Edward Katzinger Company, Chicago, Ill. Pressure cooker. 139,235; Oct. 24.
Chandler, James H., Oak Park, and M. J. Zimmer, Woodale, assignors to The Edward Katzinger Company, Chicago, Ill. Cooking utensil closure. 139,236; Oct. 24.
Chaney, John L., Lake Geneva, Wis. Clinometer. 139,402; Nov. 14.
Chapman, David, Chicago, Ill. Flashlight. 139,322; Oct. 31.
Chapman, David, Chicago, Ill. Flashlight. 139,577; Nov. 28.
Chapman, David, Chicago, Ill., assignor to Ray-O-Vac Company, Madison, Wis. Flashlight. 139,628; Dec. 5.
Chapman, Dave, Chicago, and J. H. Chandler, Oak Park, assignors to The Edward Katzinger Company, Chicago, Ill. Cooking utensil. 138,911; June 6.
Char-Gale Manufacturing Company. (See Johnston, Earl R., assignor.)
Chatrand, Enos, et al. (See Stark, Jack, assignor.)
Cheek, Landon N., assignor to R. P. Schield, Nashville, Tenn. Game board. 137,486; Mar. 21
Cheek, Landon N., assignor to R. P. Schield, Nashville, Tenn. Game board. 139,801; Dec. 26.
Cheeseman, Ben J. (See Swenson, Oscar L., assignor.)
Chemex Corporation. (See Schlumbohm, Peter, assignor.)
Chernow, Michael, New York, N. Y. Earring. 137,237; Feb. 8.
Chernow, Michael, New York, N. Y. Earring. 137,238; Feb. 8.
Chernow, Michael, New York, N. Y. Earring. 137,239; Feb. 8.
Chernow, Michael, New York, N. Y. Earring. 137,240; Feb. 8.
Chernow, Michael, New York, N. Y. Earring. 137,241; Feb. 8.
Chernow, Michael, New York, N. Y. Earring. 137,242; Feb. 8.
Chernow, Michael, New York, N. Y. Earring. 137,243; Feb. 8.
Chernow, Michael, New York, N. Y. Earring. 137,244; Feb. 8.
Chernow, Michael, New York, N. Y. Earring. 137,245; Feb. 8.
Chesebro, Dora E., Nevada City, Calif. Brooch or similar article. 137,406; Mar. 7.
Chevigny, Paul G., New York, N. Y., assignor to Federal Telephone and Radio Corporation, Newark, N. J. Electron discharge device. 138,991; Oct. 3.
Chicago Electric Manufacturing Company. (See Gough, James J., assignor.)
Chic-Maid Hat Manufacturing Co. (See Gross, Max, assignor.)
Chiksan Tool Company. (See Phillips, Dwight M., assignor.)
Chmielensky, Shirley M., Baldwin, N. Y. Doll or similar article. 137,318; Feb. 22.
Chojnik, Joseph, Whiting, Ind. Airplane propeller. 137,292; Feb. 15.
Christen, Marcel, New York, N. Y. Textile fabric. 137,309; Feb. 15.
Christen, Marcel, New York, N. Y. Textile fabric. 139,448; Nov. 14.
Christie, Soren L., Los Angeles, Calif. Cabinet for electrical apparatus. 137,609; Apr. 4.
Chrysler Corporation. (See Cadwallader, Robert, assignor.)
Chun Fat, Joseph K., Honolulu, Hawaii. Desk sign. 137,948; May 23.
Churchill, Charles H., Cortland, N. Y. Combined shaving mug and brush holder. 137,788; May 2.
Churchill, Charles H., Cortland, N. Y. Saddle horse swing seat. 138,371; July 25.
Churchill, Charles H., Cortland, N. Y. Shoe rack. 138,503; Aug. 15.
Churchill, Charles H., Cortland, N. Y. Target game board or similar article. 139,403; Nov. 14.
Cirkinian, Sarkis, New York, N. Y. Picture frame or similar article. 138,504; Aug. 15.
Cirkinian, Sarkis, New York, N. Y. Picture frame or similar article. 138,505; Aug. 15.
Cirkinian, Sarkis, New York, N. Y. Combined mirror and picture frame. 138,506; Aug. 15.
Cirlin, Edgard, Jackson Heights, assignor to Oxford University Press, New York, Inc., New York, N. Y. Font of type or the like. 139,190; Oct. 17.
Clark, Elmer F., assignor to Butler Manufacturing Company, Kansas City, Mo. Implement shed. 138,436; Aug. 8.
Clark, Llewellynn J., assignor to The Tanglefoot Company, Grand Rapids, Mich. Insecticide dispenser. 138,064; June 13.
Clark, Robert H. (See Smith, Lawson A., assignor.)
Clark, Robert H. (See Wilson, Harry C., assignor.)
Clark, Ruth M., assignor to N. A. Henderson, Albany, N. Y. Bottle. 136,997; Jan. 11.
Clark, Virginius E. (See Hughes, H. R., Clark, and Bell.)
Clarkson, Charles, Jr., Pawtucket, R. I. Lace. 139,818; Dec. 26.
Clement, Carl H., Jr., U. S. Army, Fort Belvoir, Va. Boat or the like. 138,338; July 18.
Clerc, Leonard F., Chicago, Ill. Airplane. 138,538; Aug. 15.
Cleveland Shopping News Company, The. (See Bryan, James E., assignor.)

Clist, Albert D., Purdy, assignor to Wollner-Clist Inc., New York, N. Y. Scatter rug or similar article of manufacture. 137,443; Mar. 14.
Clouther, George D., assignor to Eversharp, Inc., Chicago, Ill. Fountain pen. 137,860; May 9.
Club Aluminum Products Co. (See Peterson, Amos J., assignor.)
Cofax Corporation, The. (See Kahn, Milton, assignor.)
Cogan, Edison, Butte, Mont. Combined flashlight and luminous attachment therefor. 138,120; June 20.
Cohan, Elsye, assignor of one-half to E. Steiner, New York, N. Y. Handbag. 137,789; May 2.
Cohen, Henry B., assignor to Sea Emergency Devices, Inc., New York, N. Y. Lifeboat safety block. 137,260; Feb. 8.
Cohen, Henry B., New York, assignor to Sea Emergency Devices, Inc., New York County, N. Y. Sectional cargo conveyor. 137,370; Feb. 29.
Cohen, Henry B., assignor to Sea Emergency Devices, Inc., New York, N. Y. Emergency porthole closure unit. 137,620; Apr. 4.
Cohen, Henry B., New York, N. Y., assignor to Sea Emergency Devices. Pulley block. 138,114; June 20.
Cohen, Joseph. (See Gordon, D. A., and Cohen.)
Cohn, Peter H., Boise, Idaho. Identification tag display unit. 137,535; Mar. 28.
Cole Electric Products Co. (See Cole, Thomas M., assignor.)
Cole, Thomas M., New York, assignor to Cole Electric Products Co., Inc., Long Island City, N. Y. Electric switch casing. 138,406; Aug. 1.
Coleman, Eugene, North Hollywood, Calif. Bottle. 139,378; Nov. 7.
Coleman, Eugene, North Hollywood, Calif. Bottle. 139,379; Nov. 7.
Coleman, Eugene, North Hollywood, Calif. Bottle. 139,380; Nov. 7.
Collum, Francis L., Allentown, Pa. Device for erecting and supporting poles. 137,777; Apr. 25.
Colmery, Andrew W., Canton, Ohio. Combination protractor or similar article. 137,459; Mar. 14.
Colonial Mfg. Co. (See Gantwarg, Charles, assignor.)
Colorgraphic, Inc. (See Adair, James E., assignor.)
Colson Corporation, The. (See Adams, Wilbur H., assignor.)
Columbia Protektosite Company. (See Baldanza, Nicholas T., assignor.)
Columbia Protektosite Company. (See Desimone, Anthony J., assignor.)
Committee for Constitutional Government. (See Hopkins, Le Roy E., assignor.)
Comptor Company, The. (See Hunter, William B., assignor.)
Comstock, Millard F., Fort Erie, Ontario, Canada. Ash tray. 139,538; Nov. 28.
Conant, David J., Shaker Heights, assignor to Jack & Heints Research Corporation, Bedford, Ohio. Aircraft engine starter supporting frame. 137,862; May 9.
Condon, Robert S., Rutland, Vt. Abrasive cutoff machine. 138,206; July 4.
Condon, Robert S., Rutland, Vt. Milling machine. 139,404; Nov. 14.
Conman, Maxwell H., assignor to Pittsburgh Plastics Company, Incorporated, New Kensington, Pa. Bottle cap. 137,702; Apr. 18.
Connell, William S., Norwood Park Township, Cook County, Ill. Low temperature cabinet. 137,735; Apr. 25.
Conover, Robert E., assignor to The Sheffield Corporation, Dayton, Ohio. Base for machine tools or the like. 138,412; Aug. 1.
Conover, Robert E., assignor to The Sheffield Corporation, Dayton, Ohio. Spring testing gauge. 139,703; Dec. 12.
Consolidated Vultee Aircraft Corporation. (See Dreyfuss, Henry, assignor.)
Consolidated Vultee Aircraft Corporation. (See Stoughton, Milton F., assignor.)
Consolidated Vultee Aircraft Corporation. (See Stout, William B., assignor.)
Conway, Sydney A., Bloomfield, N. J. Beverage cooler. 138,139; June 27.
Coode, Ernest S., Leawood, and G. E. Richards, Kansas City, Kans. Electric fence post. 136,949; Jan. 4.
Coodman, Helen C., New York, N. Y. Jacket. 137,912; May 16.
Coodman, Helen C., New York, N. Y. Slack suit. 138,800; Sept. 12.
Cooper, Nat, New York, N. Y. Magazine rack or similar article. 138,339; July 18.
Cope, Clifford L., assignor to The A P Parts Corporation, Toledo, Ohio. Tool for separating telescoped members or the like. 138,737; Sept. 5.
Corte, Richard D., Seattle, Wash. Earring. 137,578; Apr. 4.
Corey, Ralph A., Mountain Lakes, N. J. Cross pipe fitting. 137,354; Feb. 29.
Cornell, Edward S., Jr., Stamford, Conn. Candle holder. 139,097 Oct. 10.
Cornell, Edward S., Jr., Stamford, Conn. Candle holder. 139,223; Oct. 31.
Coro, Inc. (See Katz, Adolph, assignor.)
Cotton, Lucy, Miami, Fla. Manicure scissors. 139,210; Oct. 24.
Cory Glass Coffee Brewer Co. (See Aisdorf, James W., assignor.)
Cosmo Sun Ray Products Co. Inc. (See Rosenzweig, Jerome, assignor.)
Couse, Kibbey W., Newark, N. J. Cubicle for electrical control panels. 139,434; Nov. 14.
Cousins, Boyd E., Kansas City, Mo. Toy gun. 138,115; June 20.
Cowell, Julian M. (See Lutz, Ernest P., assignor.)
Cox, Hubert L., Canton, Ohio. Foot and body exerciser. 138,340; July 18.
Crandell, Purley A., Burnley, England, assignor to Ekco Products Company, Chicago, Ill. Combined can opener and gripping tool. 139,840; Dec. 26.
Crane, Walton B., West Los Angeles, assignor to Allied Plastics Company, Los Angeles, Calif. Compact. 137,166; Feb. 1.
Crane, Walton B., Beverly Hills, assignor to Allied Plastics Company, Los Angeles, Calif. Cigarette case. 138,372; July 25.
Crane, Walton B., Beverly Hills, assignor to Allied Plastics Company, Los Angeles, Calif. Cigarette case. 138,373; July 25.
Cressaty, George M., New York, N. Y. Lens or similar article. 137,085; Jan. 18.
Cressaty, George M., New York, N. Y. Lens. 137,805; May 2.
Cressaty, George M., New York, N. Y. Combined lens and ash tray. 139,435; Nov. 14.
Cressaty, George M., New York, N. Y. Lens or similar article. 139,436; Nov. 14.
Crile, Lucinda. (See Houghton, H. E., and Crile.)
Cristontello, Nicolo V., Elmira, N. Y. Flower urn or similar article. 138,055; June 6.
Crook, Phoebe A., South Gate, Calif. Necktie holder. 137,436; Mar. 14.
Crooks, Fuller A. (See Burke, J. D., and Crooks.)
Crosby, Stephen A., Chicago, Ill., assignor to Sterling Tool Products Company. Electric sanding machine or the like. 138,567; Aug. 22.
Cross, Mark, Company. (See Phelps, William D., assignor.)
Crotty, James A., New York, N. Y. Adjustable one piece jungle boot. 139,007; Oct. 3.
Crown Rheostat & Supply Co. (See Huenerfauth, George E., assignor.)
Crown Stove Works. (See Rogers, Charles J., assignor.)
Crump, Woodford J., assignor to Aircraft Tools, Inc., Los Angeles, Calif. Angle drill attachment. 139,742; Dec. 19.
Cunningham, Harry G., Los Angeles, Calif. Camera or similar article. 136,971; Jan. 4.
Cuomo, Joseph, New York, N. Y. Rotary toy. 138,037; June 6.
Curry, Ralph E., Flint, Mich. Oarlock socket. 138,591; Aug. 22.
Curtiss-Wright Corporation. (See Eaton, Bruce G., Jr., assignor.)
Curtiss-Wright Corporation. (See Page, George A., Jr., assignor.)
Cushman & Denison Mfg. Co. (See Cushman, James S., assignor.)
Cushman, James S., assignor to Cushman & Denison Mfg. Co., New York, N. Y. Picture frame. 139,166; Oct. 17.
Czekalski, Bernard, Hazleton, Pa. Master coupling spanner barrel tap and rod wrench combination tool. 138,790; Sept. 12.
Dady, Arthur O., Flossmoor, assignor to Sears, Roebuck and Co., Chicago, Ill. Stoker. 137,963; May 23.
Dahlberg, Doris L., Minneapolis, Minn. Apron. 137,160; Feb. 1.
Dahlquist, Seth E., Cadillac, Mich. Toy gun. 139,673; Dec. 12.
Dailey, Donald E., Philadelphia, Pa., assignor to Manning, Maxwell & Moore, Incorporated, New York, N. Y. Thermometer case or similar article. 137,302; Feb. 15.
Dailey, Donald E., Philadelphia, Pa., assignor to Manning, Maxwell & Moore, Incorporated, New York, N. Y. Instrument dial or similar article. 137,836; May 2.
Daily, Edmund J., Great Neck, assignor to Badger Cut Outs, Inc., Maspeth, Long Island, N. Y. Cutout alphabet panel. 137,303; Feb. 15.
Dallmann, Otto G., St. Cloud, Minn. Wall plaque unit. 139,079; Oct. 10.
Dalrymple, Sherman H., Akron, Ohio. Button or the like. 138,913; Sept. 26.
Daly, Richard J., New York, N. Y. Skate seat. 137,999; May 30.
Dann, Charles W., assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Combined stand and induction device holder for telephones. 139,209; Nov. 7.
Dannell, Arthur G., Flushing, assignor to The Peace Light Co., New York, N. Y. Miniature icon projector shrine. 138,700; Sept. 5.
Dannell, Arthur G., Flushing, assignor to The Peace Light Co., New York, N. Y. Miniature icon projector shrine. 138,701; Sept. 5.
Dannell, Arthur G., Flushing, assignor to The Peace Light Co., New York, N. Y. Miniature icon projector shrine. 138,702; Sept. 5.

Dannell, Arthur G., Flushing, assignor to The Peace Light Co., New York, N. Y. Miniature icon projector shrine. 138,703; Sept. 5.
Dannell, Arthur G., Flushing, assignor to The Peace Light Co., New York, N. Y. Miniature icon projector shrine. 138,704; Sept. 5.
Dannenberg, Milton A., Chicago, Ill. Hat. 139,008; Oct. 3.
Darling, James L., Philadelphia, assignor of one-half to J. M. Davis, Blue Ridge Summit, Pa. Toy bank. 137,790; May 2.
Darling, L. A., Company. (See Larson, Milton H., assignor.)
Darr, Harold W., assignor to The Maico Company, Incorporated, Minneapolis, Minn. Clip for hearing aids. 139,565; Nov. 28.
Darr, Harold W., assignor to The Maico Company, Incorporated, Minneapolis, Minn. Hearing aid unit. 139,704; Dec. 12.
Daum, Charles, New York, N. Y. Wall shelf. 138,992; Oct. 3.
Davidson, Clinton J., San Diego, Calif. Toy top. 137,444; Mar. 14.
Davidson, Clinton J., San Diego, Calif. Whirling bowl toy. 137,521; Mar. 28.
Davidson, Clinton J., San Diego, Calif. Rubber ball. 138,150; June 27.
Davidson, Clinton J., San Diego, Calif. Toy top. 139,743; Dec. 19.
Davidson, Clinton J., San Diego, Calif. Greeting pin. 139,767; Dec. 19.
Davidson, Wallace A., South San Francisco, Calif. Ash tray. 139,639; Dec. 5.
Davis, Caroline G., New York, N. Y. Doll. 139,458; Nov. 21.
Davis, G. W., Corporation. (See Davis, George W., assignor.)
Davis, George W., assignor to G. W. Davis Corporation, Richmond, Ind. Lawn mower. 138,669; Aug. 29.
Davis, John M. (See Darling, James L., assignor.)
Davis, Maynard, Clay Center, Kans. Neckwear display rack. 137,373; Feb. 29.
Davis, Pearl A., Los Angeles, Calif. Smoker's table or the like. 139,719; Dec. 12.
Dawer, Sigmund, New York, N. Y. Compact or similar article. 138,341; July 18.
Day-Brite Lighting, Inc. (See Biller, D. J., and Kneppel, assignors.)
Day-Brite Lighting, Inc. (See Meyer, Carl X., assignor.)
Day, Otto J., Toronto, Ontario, Canada. Embalming table. 138,493; Aug. 15.
Dasey Churn & Manufacturing Co. (See Reinecke, Jean O., assignor.)
Dasey Corporation. (See Reinecke, Jean O., assignor.)
Deakin, Gerald, assignor to International Standard Electric Corporation, New York, N. Y. Telephone desk stand. 138,212; July 4.
De Alteriis, Hugo, New York, N. Y. Brooch pin or similar article. 139,539; Nov. 28.
De Alteriis, Hugo, New York, N. Y. Brooch pin or similar article. 139,540; Nov. 28.
De Alteriis, Hugo, New York, N. Y. Brooch pin or similar article. 139,541; Nov. 28.
De Alteriis, Hugo, New York, N. Y. Brooch pin or similar article. 139,542; Nov. 28.
Decca Records, Inc. (See Schneider, Leonard W., assignor.)
Defiance Alloyed Products Company, The. (See Hadley, Harold F., assignor.)
De Ganahl, Carl, et al. (See Ayer, R. W., Knox, Thompson, and de Ganahl.)
Dehn, William W. (See Whitesell, R. O., and Dehn.)
De Kolb, Eric, New York, N. Y. Handbag. 139,335; Nov. 7.
De Kolb, Eric, New York, N. Y. Handbag. 139,680; Dec. 12.
De Kolb, Eric, New York, N. Y. Handbag. 139,681; Dec. 12.
De Kolb, Eric, New York, N. Y. Handbag. 139,682; Dec. 12.
De Lisle, Harold L., Estate of, a trust. (See Stovern, Ingram V., assignor.)
Del Re, Angelo, New York, N. Y. Coat. 138,305; July 11.
Delucchi, Asgunta, San Francisco, Calif. Combination hand mirror and clock. 139,148; Oct. 17.
Del Vecchio, Corinne, St. Albans, N. Y. Doll. 139,467; Nov. 21.
Denenberg, Dan, Philadelphia, Pa. Lamp shade. 139,009; Oct. 3.
Denenberg, Dan, Philadelphia, Pa. Lamp shade. 139,010; Oct. 3.
Denenberg, Dan, Philadelphia, Pa. Lamp shade. 139,011; Oct. 3.
Denenberg, Dan, Philadelphia, Pa. Lamp shade. 139,012; Oct. 3.
Dennison Manufacturing Company. (See Foster, Joan, assignor.)
Dentists' Supply Company of New York, The. (See Brubaker, Leo D., assignor.)
Dentzler, William G., Jr., Milwaukee, Wis. Drafting device. 139,459; Nov. 21.
De Pasquale, John. (See Westerman, A., and De Pasquale.)
De Pasquale, John, and A. Westerman, assignors to Hardy Metal Specialties Inc., Brooklyn, N. Y. Clasp for a handbag or the like. 138,507; Aug. 15.
De Pasquale, John, and A. Westerman, assignors to Hardy Metal Specialties Inc., Brooklyn, N. Y. Clasp for a handbag or the like. 138,508; Aug. 15.
De Pasquale, John, and A. Westerman, assignors to Hardy Metal Specialties Inc., Brooklyn, N. Y. Frame for a handbag or similar article. 138,509; Aug. 15.
De Pasquale, John, and A. Westerman, assignors to Hardy Metal Specialties Inc., Brooklyn, N. Y. Handbag frame. 138,986; Oct. 3.
De Pasquale, John, and A. Westerman, assignors to Hardy Metal Specialties Inc., Brooklyn, N. Y. Top band for a handbag frame. 138,987; Oct. 3.
De Pasquale, John, and A. Westerman, assignors to Hardy Metal Specialties Inc., Brooklyn, N. Y. Clasp for a handbag or similar article. 138,988; Oct. 3.
De Pasquale, John, and A. Westerman, assignors to Hardy Metal Specialties Inc., Brooklyn, N. Y. Clasp for handbag or similar article. 139,174; Oct. 17.
De Pasquale, John, and A. Westerman, assignors to Hardy Metal Specialties Inc., Brooklyn, N. Y. A handbag frame. 139,336; Nov. 7.
De Pasquale, John, and A. Westerman, assignors to Hardy Metal Specialties Inc., Brooklyn, N. Y. Clasp for a handbag or similar article. 139,337; Nov. 7.
De Pasquale, John, and A. Westerman, assignors to Hardy Metal Specialties Inc., Brooklyn, N. Y. Clasp for a handbag or similar article. 139,466; Nov. 21.
De Pasquale, John and A. Westerman, assignors to Hardy Metal Specialties Inc., Brooklyn, N. Y. Top band for bag frames. 139,578; Nov. 28.
De Pasquale, John and A. Westerman, assignors to Hardy Metal Specialties Inc., Brooklyn, N. Y. Clasp for a handbag or similar article. 139,579; Nov. 28.
De Pasquale, John, and A. Westerman, assignors to Hardy Metal Specialties Inc., Brooklyn, N. Y. Clasp for a handbag or similar article. 139,683; Dec. 12.
Derham, Philip A., Rosemont, Pa., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container cap. 138,080; June 13.
Derham, Philip A., Rosemont, Pa., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container cap. 138,312; July 18.
Derham, Philip A., Rosemont, Pa., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container cap. 138,313; July 18.
Derham, Philip A., Rosemont, Pa., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container cap. 139,191; Oct. 17.
Derham, Philip A., Rosemont, Pa., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Compact. 139,513; Nov. 28.
Dermetics, Inc. (See Sumbardo, Alessandro H., assignor.)
Dernehl, Herbert U., Milwaukee, Wis. Toy pistol. 137,522; Mar. 28.
Designers for Industry, Inc. (See Lanese, Donald C., assignor.)
Desimone, Anthony J., Lyndhurst, assignor to Columbia Protektosite Company, Inc., Carlstadt, N. J. Comb. 137,319; Feb. 22.
Desimone, Anthony J., Lyndhurst, assignor to Columbia Protektosite Company, Inc., Carlstadt, N. J. Comb. 137,474; Mar. 14.
Després, Lilly D. New York, N. Y., assignor to Weco Products Company, Chicago, Ill. Hair net or similar article. 137,703; Apr. 18.
Després, Lilly D., New York, N. Y., assignor, by mesne assignments, to Weco Products Company, Chicago, Ill. Snood or similar article. 138,331; July 18.
Deutsch, Alexander T., Cincinnati, Ohio. Household food machine or similar article. 139,848; Dec. 26.
Deutsch, Arthur, Chicago, Ill. Refuse receptacle. 137,448; Mar. 14.
Deutsch, Ruth, New York, N. Y. Hat or similar article. 139,566; Nov. 28.
Devlin, Leo J. (See Heinemann, E. H., and Devlin.)
De Vry, Albert G., Chicago, Ill. Photo record book. 138,689; Sept. 5.
De Waltoff, Samuel A., Los Angeles, Calif. Needle threader. 139,509; Nov. 21.
De Waltoff, Samuel A., assignor of one-third to H. K. King and one-third to D. A. Bernstein, Los Angeles, Calif. Radio reminder. 138,578; Aug. 22.
Dexter, Carl J., Indianapolis, Ind. Cover for bottle urinal. 137,385; Feb. 29.
Dey, George E., assignor to W. B. Jarvis Company, Grand Rapids, Mich. Knob for window regulators or the like. 139,149; Oct. 17.
Diagraph-Bradley Stencil Machine Corporation. (See Herb, Otto J., assignor.)
Diamant, Fred J., New York, N. Y. Shoe or similar article. 138,025; June 6.
Diamant, Fred J., New York, N. Y. Molded insole. 139,580; Nov. 28.
Di Chiara, Anthony, Newark, N. J. Frame for spectacles. 137,044; Jan. 18.
Dickerson, John W. (See Motley, Robert L., assignor.)
Dieges, Robert T., West Barrington, R. I. Finger ring. 139,849; Dec. 26.
Diehl, William, Summit, assignor to Jacques Kreisler Manufacturing Corporation, North Bergen, N. J. Watch band or article of similar nature. 138,450; Aug. 8.

Dieter, Walter G., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Window ventilator bracket. 137,569; Mar. 28.
Dieter, Walter G., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Mirror clip or similar article. 137,591; Apr. 4.
Dieter, Walter G., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Chair. 137,904; May 16.
Dixon Bartlett Company. (See Henkel, Hans, assignor.)
Dodson, Carroll E., Kansas City, Mo. Child's play wagon. 136,950; Jan. 4.
Doeppel, Carl F., St. Louis, Mo. Combined cigarette case, match box, and ash receiver. 137,138; Jan. 25.
Donahue, Barbara J., Kalamazoo, Mich. Doll. 138,026; June 6.
Donahue, James P., Oak Park, Ill. Toy Military tank. 137,488; Mar. 21.
Donahue, James P., Oak Park, Ill. Toy tractor. 137,653; Apr. 11.
Donahue, James P. T., Oak Park, Ill. Fan. 137,304; Feb. 15.
Doner, Halbert C., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Combined partition and refrigerator or similar article. 137,791; May 2.
Doner, Halbert C., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Oven unit or similar article. 137,792; May 2.
Doner, Halbert C., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Combination table and wall plaque. 137,861; May 9.
Doner, Halbert C., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Food mixing unit or similar article. 137,946; May 23.
Doner, Halbert C., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Tea wagon or similar article. 139,245; Oct. 24.
Dorfman, John, New York, N. Y. Game board or similar article. 138,646; Aug. 29.
Doty, Boyd A., assignor to Hard Manufacturing Company, Buffalo, N. Y. Overbed table. 139,629; Dec. 5.
Douglas Aircraft Company. (See Graves, J. G., and Bosworth, assignors.)
Douglas Aircraft Company. (See Heinemann, E. H., and Devlin, assignors.)
Douglas, H. A., Mfg. Co. (See Drury. Thomas W., assignor.)
Douglass, Irma L. and L. E., Chicago, Ill. Fish lure. 138,415; Aug. 1.
Douglass, Lincoln E. (See Douglass, Irma L. and L. E.)
Downing, Clarence B., Milford, Del. Wall interior exploring and examining device. 138,690; Sept. 5.
Downs, James M., Detroit, Mich. Powder box. 139,175; Oct. 17.
Drell, William, New York, N. Y. Button or similar article. 138,077; June 13.
Drell, William, New York, N. Y. Button or similar article. 138,078; June 13.
Drell, William, New York, N. Y. Button or similar article. 138,870; Sept. 26.
Drell, William, New York, N. Y. Button or similar article. 138,871; Sept. 26.
Drell, William, New York, N. Y. Button or similar article. 138,872; Sept. 26.
Drell, William, New York, N. Y. Button or similar article. 138,873; Sept. 26.
Drell, William, New York, N. Y. Button or similar article. 138,874; Sept. 26.
Drell, William, New York, N. Y. Button or similar article. 138,875; Sept. 26.
Drell, William, New York, N. Y. Button or similar article. 138,876; Sept. 26.
Drell, William, New York, N. Y. Button or similar article. 138,877; Sept. 26.
Drell, William, New York, N. Y. Button or similar article. 138,878; Sept. 26.
Drell, William, New York, N. Y. Button or similar article. 138,879; Sept. 26.
Drell, William, New York, N. Y. Button or similar article. 138,880; Sept. 26.
Drell, William, New York, N. Y. Button or similar article. 138,881; Sept. 26.
Drell, William, New York, N. Y. Button or similar article. 138,882; Sept. 26.
Drell, William, New York, N. Y. Button or similar article. 138,883; Sept. 26.
Drell, William, New York, N. Y. Button or similar article. 138,884; Sept. 26.
Drell, William, New York, N. Y. Button or similar article. 138,885; Sept. 26.
Drell, William, New York, N. Y. Button or similar article. 138,886; Sept. 26.
Drell, William, New York, N. Y. Button or similar article. 138,887; Sept. 26.
Drell, William, New York, N. Y. Button or similar article. 138,888; Sept. 26.
Drell, William, New York, N. Y. Button or similar article. 139,066; Oct. 10.
Drell, William, New York, N. Y. Button or similar article. 139,067; Oct. 10.
Drell, William, New York, N. Y. Button or similar article. 139,068; Oct. 10.
Drell, William, New York, N. Y. Button or similar article. 139,069; Oct. 10.
Drell, William, New York, N. Y. Button or similar article. 139,070; Oct. 10.
Drell, William, New York, N. Y. Button or similar article. 139,301; Oct. 31.
Drell, William, New York, N. Y. Button or similar article. 139,302; Oct. 31.
Drell, William, New York, N. Y. Button or similar article. 139,303; Oct. 31.
Drell, William, New York, N. Y. Button or similar article. 139,304; Oct. 31.
Drell, William, New York, N. Y. Button or similar article. 139,305; Oct. 31.
Drell, William, New York, N. Y. Button or similar article. 139,306; Oct. 31.
Drell, William, New York, N. Y. Button or similar article. 139,307; Oct. 31.
Drell, William, New York, N. Y. Button or similar article. 139,514; Nov. 28.
Drell, William, New York, N. Y. Button or similar article. 139,515; Nov. 28.
Drell, William, New York, N. Y. Button or similar article. 139,516; Nov. 28.
Drell, William, New York, N. Y. Button or similar article. 139,517; Nov. 28.
Drell, William, New York, N. Y. Button or similar article. 139,518; Nov. 28.
Drescher, Ernest W., Manheim Township, Lancaster County, Pa. Gimbal. 137,739; Apr. 25.
Drew, John K., Attica, assignor to Scott Aviation Corporation, Lancaster, N. Y. Aircraft control wheel. 138,079; June 13.
Dreyfuss, Henry, New York, N. Y., assignor to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Seat unit. 138,510; Aug. 15.
Dreyfuss, Henry, New York, N. Y., assignor to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Seat. 138,511; Aug. 15.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Weighing scale. 138,855; Sept. 19.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Weighing scale. 138,856; Sept. 19.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Beam assembly for portable scale or similar article. 138,857; Sept. 19.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Weighing scale. 138,858; Sept. 19.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Weighing scale. 138,859; Sept. 19.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Weighing scale. 138,860; Sept. 19.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Weighing scale. 138,861; Sept. 19.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Weighing scale. 138,862; Sept. 19.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Weighing scale. 138,863; Sept. 19.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Beam casing for a weighing scale. 139,044; Oct. 10.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Beam assembly for a weighing scale. 139,045; Oct. 10.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Beam and poise assembly for a weighing scale. 139,046; Oct. 10.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Dial scale. 139,047; Oct. 10.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Dial scale. 139,048; Oct. 10.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Dial scale. 139,049; Oct. 10.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Dial scale. 139,050; Oct. 10.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Beam assembly for a weighing scale. 139,051; Oct. 10.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Weighing scale. 139,052; Oct. 10.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Weighing scale. 139,053; Oct. 10.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Weighing scale. 139,054; Oct. 10.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Weighing scale. 139,055; Oct. 10.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Weighing scale. 139,056; Oct. 10.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Weighing scale. 139,057; Oct. 10.

Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Beam assembly for a weighing scale. 139,058; Oct. 10.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Beam and dial casing for a weighing scale. 139,059; Oct. 10.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Weighing scale. 139,060; Oct. 10.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Weighing scale. 139,061; Oct. 10.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Weighing scale. 139,062; Oct. 10.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Weighing scale. 139,063; Oct. 10.
Driscoll, Donald J., New Richmond, Wis. Child's chair. 139,308; Oct. 31.
Driscoll, Donald J., assignor to Strand Ski Company, New Richmond, Wis. Infant's chair. 137,437; Mar. 14.
Drury, Thomas W., near Burr Oak, assignor to H. A. Douglas Mfg. Co., Bronson, Mich. Electrical receptacle. 137,704; Apr. 18.
Drury, Thomas W., near Burr Oak, assignor to H. A. Douglas Mfg. Co., Bronson, Mich. Electrical terminal plug. 137,705; Apr. 18.
Dubay, William A., Cleveland, Ohio. Game board. 137,174; Feb. 1.
Dubke, Frank J., Detroit, Mich. Combined weather vane and figure. 138,647; Aug. 29.
Du Bois, Jesse E., Jackson Heights, N. Y. Combined stroller and package carrier. 137,778; Apr. 25.
Du Bois, Joseph E., assignor of one-fifth to V. I. Du Bois, Detroit, Mich., one-fifth to L. T. Holsworth, North Tonawanda, one-fifth to R. C. Sterne, one-fifth to E. Silbert, and one-fifth to F. E. Taylor, Buffalo, N. Y. Combined eyeshield and respirator. 137,197; Feb. 8.
Du Bois, Virginia I., et al. (See Du Bois, Joseph E., assignor.)
Duescher, Lawrence H., Milwaukee, Wis. Sun glass cigarette lighter. 137,806; May 2.
Duffner, Carl A., Cleveland, Ohio. Air diffuser or the like. 139,347; Nov. 7.
Duffy, Edward W., Boston, Mass. Towel holder or similar article. 137,045; Jan. 18.
Duffy, Tom, Detroit, Mich., assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Toy wagon. 138,193; July 4.
Duffy, Tom, Detroit, Mich., assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Toy wagon. 138,194; July 4.
Duffy, Tom, Detroit, Mich., assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Toy wagon. 138,195; July 4.
Dugdale, Richard M., Dedham, assignor to Farrington Manufacturing Company, Jamaica Plain, Mass. Jewelry box or similar article. 137,807; May 2.
Duhrssen, Alfred, New York, N. Y. Plate or similar article. 137,489; Mar. 21.
Duhrssen, Alfred, New York, N. Y. Plate or similar article. 137,579; Apr. 4.
Duhrssen, Alfred, New York, N. Y. Plate or similar article. 137,585; Apr. 4.
Duhrssen, Alfred, New York, N. Y. Plate or similar article. 137,586; Apr. 4.
Duhrssen, Alfred, New York, N. Y. Plate or similar article. 137,675; Apr. 18.
Duhrssen, Alfred, New York, N. Y. Plate or similar article. 137,728; Apr. 25.
Duhrssen, Alfred, New York, N. Y. Plate or similar article. 137,729; Apr. 25.
Duhrssen, Alfred, New York, N. Y. Plate or similar article. 137,793; May 2.
Dumler, Sidney, New York, N. Y. Coat. 137,046; Jan. 18.
Dumler, Sidney, New York, N. Y. Suit. 137,086; Jan. 18.
Dumore Company, The. (See Bluemink, Gary G., assignor.)
Dumore Company, The. (See Stevens, Clifford B., assignor.)
Dunie, Robert, Chicago, Ill. Star corsage or similar article. 138,512; Aug. 15.
Duran, Charles A. (See McLarn, E. S., and Duran.)
Du Rocher, Lee A., Norco, La. Clock face. 137,592; Apr. 4.
Earl, Paul D., Malone, N. Y. Slipper. 138,941; Sept. 26.
Eaton, Bruce G., Jr., Columbus, Ohio, assignor to Curtiss-Wright Corporation. Airplane. 137,610; Apr. 4.
Eaves Sound Projectors, Inc. (See Eaves, William C., assignor.)
Eaves, William C., Elyria, Ohio, assignor to Eaves Sound Projectors, Inc., Dover, Del. Mobile sound projector. 138,297; July 11.
Eaves, William C., Elyria, Ohio, assignor to Eaves Sound Projectors, Inc., Dover, Del. Mobile sound projector. 139,237; Oct. 24.
Edelmann, Leo, Chicago, Ill. Hydrometer or the like. 137,523; Mar. 28.
Edelson, Samuel, New York, N. Y. Game table cover or the like. 139,502; Nov. 21.
Edison, Thomas A., Incorporated. (See Dann, Charles W., assignor.)
Edison, Thomas A., Incorporated. (See Somers, Richard M., assignor.)
Edmonds, Ethel, Porterville, Calif. Brush. 138,896; Sept. 26.
Eggleston, Erryl G., South Gate, Calif. Portable barbecue cooker. 138,897; Sept. 26.
Eichman, Ellis V., Brownsville, Tex. Airplane. 138,469; Aug. 8.
Einson-Freeman Co. (See Horr, John V., assignor.)
Elinzig, Henry, Evanston, Ill. Toy airplane bomber. 138,047; June 6.
Elsele, Logan, Nashville, Tenn. Infant feeding bottle. 137,510; Mar. 21.
Eisenberg, Philip. (See Stile, R., and Eisenberg.)
Eisler, George B., New York, N. Y. Astronomical globe. 137,676; Apr. 18.
Eitel-McCullough, Inc. (See Becker, George A., assignor.)
Eitel-McCullough, Inc. (See Eitel, W. W., and McCullough, assignors.)
Eitel, William W., Woodside, and J. A. McCullough, Millbrae, assignors to Eitel-McCullough, Inc., San Bruno, Calif. Vacuum tube. 138,527; Aug. 15.
Ekco Products Company. (See Crandell, Purley A., assignor.)
Ekonomon, Helen D., New York, N. Y. Frying pan. 139,416; Nov. 14.
Elder, John W., Chicago, Ill. Wrapping paper. 138,012; June 6.
Elder, John W., Chicago, Ill. Wrapping paper. 138,013; June 6.
Electric Household Utilities Corporation. (See Gerhardt, Andrew H., assignor.)
Electric Service Supplies Company. (See Hallman, Eric B., assignor.)
Electrolux Corporation. (See Guild, Lurelle V. A., assignor.)
Electromaster, Inc. (See Marshall, Richard B., assignor.)
Ellicott, Irma S., and E. W. Silber, West Orange, N. J. Game board. 138,705; Sept. 5.
Ellicott, Irma S., and E. W. Silber, West Orange, N. J. Game board. 139,519; Nov. 28.
Ellinwood, Herman R., Burbank, Calif., assignor to Adel Precision Products Corp. Kitchen utensil handle. 139,768; Dec. 19.
Ellis, Charles A., assignor to American Optical Company, Southbridge, Mass. Diagnostic instrument head. 139,425; Nov. 14.
Ellis, Charles A., assignor to American Optical Company, Southbridge, Mass. Head for an otoscope or the like. 139,496; Nov. 21.
Ellis, Charles A., assignor to American Optical Company, Southbridge, Mass. Head for a retinoscope or the like. 139,497; Nov. 21.
Ellis, Charles A., assignor to American Optical Company, Southbridge, Mass. Head for an ophthalmoscope or the like. 139,498; Nov. 21.
Ellis, Charles A., assignor to American Optical Company, Southbridge, Mass. Diagnostic instrument. 139,602; Dec. 5.
Elliston, Ruth M., San Francisco, Calif. Pin-up ornament. 137,175; Feb. 1.
Elmore Silver Company, The. (See Malinowski, Harry A., assignor.)
Elofson, Carl L. (See Jones, J. R., and Elofson.)
Emde, Kurt, Itasca, assignor to Zenith Radio Corporation, Chicago, Ill. Hearing aid unit. 137,293; Feb. 15.
Emery, William M., Shaker Heights, Ohio. Compact. 139,841; Dec. 26.
Empire Products, Inc. (See Getgey, John J., assignor.)
Empire Products, Inc. (See Getgey, Ruth G., assignor.)
Engel, Albert W., Chicago, Ill. Mounting corner. 137,937; May 16.
Engel, John H., Escondido, Calif. Die for forming metal sheets. 137,460; Mar. 14.
Engineering Sales Company et al. (See Stovern, Ingram V., assignor.)
Enterprise Manufacturing Co. of Pennsylvania. (See Wormeck, Herbert A., assignor.)
Eppy, Samuel, Jamaica, N. Y. Set of game pieces. 137,246; Feb. 8.
Epstein, Charles, and E. R. Neuberg, Hollywood, Calif. Deflector guard for toilet seat. 138,813; Sept. 19.
Epstein, Solomon, Los Angeles, Calif. Shirt or similar article. 139,454; Nov. 21.
Erbe, Alfred J. F., Weston, W. Va. Drinking glass or the like. 138,627; Aug. 29.
Erbe, Alfred J. F., Weston, W. Va. Drinking glass or the like. 138,628; Aug. 29.
Erbe, Alfred J. F., Weston, W. Va. Drinking glass or similar article. 138,629; Aug. 29.
Erbe, Alfred J. F., Weston, W. Va. Drinking glass or the like. 138,630; Aug. 29.
Erbe, Alfred J. F., Weston, W. Va. Drinking glass or the like. 138,631; Aug. 29.
Erbe, Alfred J. F., Weston, W. Va. Drinking glass or the like. 138,632; Aug. 29.
Erbe, Alfred J. F., Weston, W. Va. Drinking glass or the like. 138,633; Aug. 29.
Erbe, Alfred J. F., Weston, W. Va. Drinking glass or the like. 138,634; Aug. 29.

Erbe, Alfred J. F., Weston, W. Va. Drinking glass or the like. 138,635; Aug. 29.
Erbe, Alfred J. F., Weston, W. Va. Drinking glass or the like. 138,636; Aug. 29.
Erbe, Alfred J. F., Weston, W. Va. Drinking glass or the like. 138,637; Aug. 29.
Erbe, Alfred J. F., Weston, W. Va. Drinking glass or the like. 138,638; Aug. 29.
Erbe, Alfred J. F., Weston, W. Va. Drinking glass or the like. 138,639; Aug. 29.
Erickson, Emil H., assignor to Safticycles, Inc., La Crosse, Wis. Motorcycle. 138,470; Aug. 8.
Ernst, Walter, Mount Gilead, Ohio, and R. Thoreson, Detroit, Mich., assignors to H-P-M. Development Corporation, Wilmington, Del. Turret injection machine. 138,972; Oct. 3.
Eshelman, Cheston L., Baltimore, Md. Airplane. 137,928; Apr. 4.
Estee Bedding Company. (See Trossman, Sam.)
Estes, George L. Wichita, Kans. Eraser or the like. 137,706; Apr. 18.
Esval, Orland E. (See Beach, L. F., Esval, and Lane.)
Etched Products Corporation. (See Smoleroff, Henry J., assignor.)
Etkin, Simon, New York, N. Y. Jacket. 137,449; Mar. 14.
Etkin, Simon, New York, N. Y. Jacket. 138,038; June 6.
Eubank, Judson C., New York, N. Y. Picture frame or similar article. 138,814; Sept. 19.
Eubank, Judson C., New York, N. Y. Picture frame. 138,914; Sept. 26.
Eubank, Judson C., New York, N. Y. Combination cigarette container and dispenser. 139,099; Oct. 10.
Eubank, Judson C., New York, N. Y. Picture frame or similar article. 139,158; Oct. 17.
Eubank, Judson C., New York, N. Y. Picture frame or similar article. 139,309; Oct. 31.
Eubank, Judson C., New York, N. Y. Picture frame or similar article. 139,348; Nov. 7.
Eubank, Judson C., New York, N. Y. Combination cigarette container and dispenser. 139,370; Nov. 7.
Eubank, Judson C., New York, N. Y. Combined cigarette container and match holder. 139,819; Dec. 26.
Evans Case Company. (See Hickman, Darold B., assignor.)
Everstarp, Inc. (See Cloutier, George D., assignor.)
Everstarp, Inc. (See Loewy, Raymond, assignor.)
Ewald, Alexander S., South Bend, Ind. Savings bank. 139,520; Nov. 28.
Ewald, Karl E., Chicago, Ill. Baby carriage. 138,916; Sept. 26.
Faber, David H., Rockville Center, N. Y. Toy airplane. 139,744; Dec. 19.
Fairbanks, Clarence L., Buffalo, Mont. Dental floss holder. 137,450; Mar. 14.
Fairbanks, Morse & Co. (See Dreyfuss, Henry, assignor.)
Fairbanks, Morse & Co. (See Townsend, Ferdinand E., assignor.)
Falge, Raymond L., Bethesda, Md. Flash or signal light. 138,867; Sept. 19.
Faranzi, Daniel J., Brooklyn, N. Y. Box cover or the like. 138,838; Sept. 19.
Farrington Manufacturing Company. (See Dugdale, Richard M., assignor.)
Faulkner, Willard J., Chicago, Ill. Phonograph record holding spindle. 137,611; Apr. 4.
Federal Aircraft Engine Corporation. (See Toce, Charles A., and V. J., assignors.)
Federal Telephone and Radio Corporation. (See Chevigny, Paul G., assignor.)
Federal Telephone and Radio Corporation. (See Herbst, John A., assignor.)
Federal Telephone and Radio Corporation. (See Litton, Charles V., assignor.)
Felch & Co. (See Osborn, Cleo A., assignor.)
Fernandez, Arnold, U. S. Army. Mechanical pencil or similar article. 138,416; Aug. 1.
Fernekes, Christian M., assignor to R. J. Scheffer, Grand Rapids, Mich. Tree holder. 139,238; Oct. 24.
Fibro Container Corporation. (See Awsumb, R. J.)
Fibro Container Corporation. (See Mielke, Gretchen, assignor.)
Fibro Container Corporation. (See Weireter, Frank L., assignor.)
Fibus, Murray M., Youngstown, Ohio. Combined liquor cooling and display stand. 137,677; Apr. 18.
Field, Allen, New York, N. Y. Set of playing cards or similar article. 138,177; July 4.
Fillet, Abraham, New York, N. Y. Adjustable nursing bottle support. 138,196; July 4.
Fink, Fred H., New York, N. Y. Baby carriage. 137,707; Apr. 18.
Fink, Fred H., New York, N. Y. Cradle. 139,449; Nov. 14.
Finkelstein, Nathan, New York, N. Y. Jacket. 138,007; May 30.
Finkelstein, Nathan, New York, N. Y. Coat. 138,528; Aug. 15.
Firestone Tire & Rubber Company, The. (See Reinecke, Jean O., assignor.)
Firquain, Elmer J., assignor of one-half to M. D. Friedman, Kansas City, Mo. Coaster. 138,178; July 4.
First Industrial Corporation. (See Celander, Philip A., assignor.)
Fischer, Benjamin, New York, N. Y. Child's coat. 138,973; Oct. 3.
Fischer, Benjamin, New York, N. Y. Child's coat. 138,974; Oct. 3.
Fishberger, Isidor, H. Weinstein, and S. Levine, New York, N. Y. Spectacle frame or similar article. 139,320; Dec. 26.
Fisher, Oscar, Locust Valley, N. Y. Sand toy. 139,310; Oct. 31.
Fisk, Eva, New York, N. Y. Dress. 137,313; Feb. 15.
Fisk, Eva, New York, N. Y. Dress. 139,324; Oct. 31.
Fitch, Clifford E., assignor to The Aro Equipment Corporation, Bryan, Ohio. Impact wrench unit or the like. 138,417; Aug. 1.
Fitzgerald, Edward J., assignor to Son-Chief Electrics, Incorporated, Winsted, Conn. Flatiron or the like. 138,048; June 6.
Fixler Bros. (See Fixler, Maurice, assignor.)
Fixler, Maurice, Chicago, Ill., assignor to Fixler Bros. Embroidered medallion or the like. 139,468; Nov. 21.
Flanagan, Robert, Glen Rock, and M. L. Taylor, Ridgewood, N. J., assignors to Bendix Aviation Corporation, South Bend, Ind. Motor operated fluid pump and distributing device. 137,612; Apr. 4.
Fleischer, Nellie R., Pittsburgh, Pa. Combination cigarette case and ash tray. 137,332; Feb. 22.
Flesh, Edward M., Ferguson, and V. J. Micotto, St. Louis, Mo. Seesaw. 138,706; Sept. 5.
Florence Stove Company. (See Lippincott, Joshua G., assignor.)
Florman, Irving, New York, N. Y. Cigarette lighter or the like. 137,247; Feb. 8.
Florman, Irving, New York, N. Y. Cigarette lighter or the like. 137,248; Feb. 8.
Florman, Irving, New York, N. Y. Cigarette lighter or the like. 138,081; June 13.
Florman, Irving, New York, N. Y. Cigarette lighter or the like. 138,738; Sept. 5.
Floyd Wells Company. (See Thygeson, Arthur T., assignor.)
Flynt, Robert C., assignor to New Enterprises, Winston-Salem, N. C. Figure toy. 137,490; Mar. 21.
Flynt, Robert C., assignor to New Enterprises, Winston-Salem, N. C. Wheeled toy. 137,740; Apr. 25.
Flynt, Robert C., assignor to New Enterprises, Winston-Salem, N. C. Wheeled toy. 137,741; Apr. 25.
Flynt, Robert C., Winston-Salem, N. C. Wheeled toy. 137,742; Apr. 25.
Fogelson, David B., Brooklyn, N. Y. Game board. 137,524; Mar. 28.
Folke, Bengt E., Mamaroneck, assignor to Nathan Manufacturing Company, New York, N. Y. Mechanical lubricator. 138,179; July 4.
Forbes Stamp Company. (See Van Prooyen, William, assignor.)
Ford, Shelley W., Dayton, Ohio. Combination razor and blade sharpener. 137,407; Mar. 7.
Forse, Harry D., Anderson, Ind. Garment press. 139,159; Oct. 17.
Forss, Ernest, assignor to N. F. Testor, Rockford, Ill. Pneumatic riveting hammer unit. 139,821; Dec. 26.
"42" Products, Inc. (See Hauptman, Wesley R., assignor.)
Forwell, Harry E. (See Foster, C. H., and Forwell.)
Fosgood Corporation. (See Foster, Joseph C., assignor.)
Fosgood Corporation. (See Richards, Harry C., assignor.)
Fosgood Corporation. (See Ulvad, Bernard, assignor.)
Foster, Charles H., and H. E. Forwell, New York, N. Y.; said Forwell assignor to said Foster. Vanity box or similar article. 139,567; Nov. 28.
Foster, Joan, assignor to Dennison Manufacturing Company, Framingham, Mass. Jewelry case or the like. 138,151; June 27.
Foster, Joseph C., assignor to Fosgood Corporation, Leominster, Mass. Comb or the like. 139,278; Oct. 31.
Foster, Joseph C., assignor to Fosgood Corporation, Leominster, Mass. Cigarette case or the like. 139,469; Nov. 21.
Fowler, Judith, New York, N. Y. Scarf jacket or similar article. 138,124; June 20.
Frackman, Hyman, New York, N. Y. Finger ring. 137,743; Apr. 25.
Frank, Charles H., New Rochelle, assignor to Button Rim Corporation, New York, N. Y. Button. 138,513; Aug. 15.
Frank, Leon L., New York, N. Y. Textile fabric. 139,279; Oct. 31.
Frank, Leon L., New York, N. Y. Textile fabric. 139,280; Oct. 31.
Frank, Leon L., New York, N. Y. Textile fabric. 139,281; Oct. 31.
Frank, Leon L., New York, N. Y. Textile fabric. 139,282; Oct. 31.
Frank, Leon L., New York, N. Y. Textile fabric. 139,283; Oct. 31.
Frank, Leon L., New York, N. Y. Textile fabric. 139,384; Oct. 31.
Frank, Leon L., New York, N. Y. Textile fabric. 139,581; Nov. 28.
Frank, Leon L., New York, N. Y. Textile fabric. 139,582; Nov. 28.

Frank, William, New York, N. Y. Tongs. 138,917; Sept. 26.
Frank, William, New York, N. Y. Fruit parer. 138,918; Sept. 26.
Frantz, Charton C., Pittsburgh, Pa. Bread loaf. 138,039; June 6.
Frascino, Mario, New York, N. Y. Suit. 139,705; Dec. 12.
Frasee, Maurice D., Washington, D. C. Sleeping bag. 139,071; Oct. 10.
Frasita, Josephine, New York, N. Y. Dress. 137,139; Jan. 25.
Frasita, Josephine, New York, N. Y. Dress. 137,140; Jan. 25.
Frasita, Josephine, New York, N. Y. Dress. 137,396; Feb. 29.
Frasita, Josephine, New York, N. Y. Dress. 139,603; Dec. 5.
Frasita, Josephine, New York, N. Y. Dress. 139,604; Dec. 5.
Freedman, Leonard I., New York, N. Y. Embossed leather. 138,263; July 11.
Freedman, Leonard I., New York, N. Y. Embossed leather. 138,264; July 11.
Freedman, Leonard I., New York, N. Y. Embossed leather or similar article. 138,265; July 11.
French, Elby E., assignor to O. K. Rubber Welding System, Denver, Colo. Tire. 138,808; Sept. 19.
Frenning, Alfred B., Little Compton, R. I., assignor to S. M. Howes, Inc., Taunton, Mass. Combined stove and grill or the like. 139,850; Dec. 26.
Frick-Gallagher Manufacturing Co., The. (See Mueller, Arthur W., assignor.)
Frick, Harold L., assignor to Bendix Aviation Corporation, Detroit, Mich. Coffee brewer. 139,543; Nov. 28.
Friedman, Martin D. (See Firquain, Elmer J., assignor.)
Frilot, Alvin, Baton Rouge, La. Picture frame. 138,027; June 6.
Frisk, Ernest T., Hibbing, Minn. Compound tool. 137,408; Mar. 7.
Fritzie, Samuel, New York, N. Y. Cosmetic case. 138,707; Sept. 5.
Frost Company. (See Frost, W. J., assignor.)
Frost, Walter J., assignor to Frost Company, Kenosha, Wis. Shower spray nozzle. 139,822; Dec. 26.
Fruh, Arthur W., Chicago, Ill. Alarm control box or similar article. 137,964; May 23.
Fuchs, Ernst, Wembley Park, assignor to Machine Shop Equipment Limited, London County, England. Profile testing eyepiece unit for attachment to a microscope. 138,942; Sept. 26.
Fuchs, Kay, New York, N. Y. Head scarf. 138,306; July 11.
Fuchs, Leon, St. Louis, Mo. Medicine spoon. 139,605; Dec. 5.
Fuerst, Edwin W., Toledo, Ohio, assignor to Beatrice Creamery Company, Chicago, Ill. Bottle. 139,437; Nov. 14.
Fullerton, Florence F., Astoria, Long Island, N. Y. Doll. 137,272; Feb. 15.
Fulton, Tilda V., assignor of one-half to A. L. Teague, Charlotte, N. C. Doll. 137,593; Apr. 4.
Funke, Edward, Pelham Manor, N. Y. Holder for narrow fabrics. 138,116; June 20.
Furst, Clifford A., New York, N. Y. Brooch or similar article. 138,141; June 27.
Furst, Clifford A., New York, N. Y. Earring. 138,332; July 18.
G. G. Patent Company, The. (See Grunberg, George, assignor.)
G & R Mfg. Co. (See Goldberg, Jacob, assignor.)
Gabriel, Milan E., New York, N. Y. Picture frame or similar article. 138,815; Sept. 19.
Gabriel, Milan E., New York, N. Y. Picture frame or similar article. 139,470; Nov. 21.
Gageby, Robert A., Van Nuys, assignor to Airplane Manufacturing & Supply Corporation, Glendale, Calif. Cabinet for test equipment. 138,964; Oct. 3.
Gaide, Frank A., Boston, Mass. Chair. 138,176; Oct. 17.
Gainsborg, Leon, New York, and G. Swikart, Yonkers, N. Y. Combined binocular magnifier and protector. 137,337; Feb. 22.
Galantin, Joseph I., Des Plaines, Ill. Game board. 137,594; Apr. 4.
Galber, John M., Lynn, Mass. Infant's shoe or similar article. 138,708; Sept. 5.
Gale, Kenneth M., Zanesville, Ohio, assignor to Ohio China Company, Monroe, Mich. Cookie jar or like vessel. 137,273; Feb. 15.
Gallo, Thomas, Arlington, Va. Diluter for motor crank case lubricants. 136,951; Jan. 4.
Galper, Samuel, Jamaica, N. Y. Holder for lenses. 137,730; Apr. 25.
Galper, Samuel, Jamaica, N. Y. Rack for supporting hypodermic needles in card form. 137,808; May 2.
Galter, Jack. (See Anderson, Clarence W., assignor.)
Gantwarg, Charles, assignor to Colonial Mfg. Co., Inc., New York, N. Y. Finger ring. 138,366; July 25.
Gantwarg, Charles, assignor to Colonial Mfg. Co., Inc., New York, N. Y. Finger ring. 138,374; July 25.
Gantwarg, Charles, assignor to Colonial Mfg. Co., Inc., New York, N. Y. Finger ring. 138,471; Aug. 8.
Gantwarg, Charles, assignor to Colonial Mfg. Co., Inc., New York, N. Y. Finger ring. 138,919; Sept. 26.
Ganz, Rudolph V., assignor to Shawnee Pottery Co., Zanesville, Ohio. Teapot or similar article. 139,092; Oct. 10.
Ganz, Rudolph V., assignor to Shawnee Pottery Co., Zanesville, Ohio. Pitcher or similar article. 139,093; Oct. 10.
Ganz, Rudolph V., assignor to Shawnee Pottery Co., Zanesville, Ohio. Cooky jar or similar article. 139,094; Oct. 10.
Ganz, Rudolph V., assignor to Shawnee Pottery Co., Zanesville, Ohio. Owl cooky jar or similar article. 139,098; Oct. 10.
Gardner-Richardson Company, The. (See Buffenbarger, James F., assignor.)
Gardner-Richardson Company, The. (See Ringler, William A., assignor.)
Gardner, Samuel, Brooklyn, N. Y. Mask for rear-vision mirrors. 138,040; June 6.
Garfunkle, Morris H., Newark, N. J. Hot-water supply boiler. 139,222; Oct. 24.
Garfunkle, Morris H., Newark, N. J. Dome section of a hot-water supply boiler. 139,223; Oct. 24.
Garfunkle, Morris H., Newark, N. J. Intermediate section of a hot-water supply boiler. 139,224; Oct. 24.
Garfunkle, Morris H., Newark, N. J. Base section of a hot-water supply boiler. 139,225; Oct. 24.
Garfunkle, Morris H., Newark, N. J. Top section of a hot-water supply boiler. 139,226; Oct. 24.
Gartner, Emil H. (See Myers, L., and Gartner.)
Gass, Walter S., Seward, Nebr. Stool. 139,325; Oct. 31.
Gassett, Enrique J., San Antonio, Tex. Handkerchief. 138,333; July 18.
Gazda, Antoine, Providence, R. I. Hydroplane. 137,979; May 30.
Geffner, Samuel H., New York, N. Y. Slip or similar article. 138,171; June 27.
Geldhof, Peter E., assignor to Nineteen Hundred Corporation, St. Joseph, Mich. Washing machine or similar article. 137,116; Jan. 25.
Geldhof, Peter E., assignor to Nineteen Hundred Corporation, St. Joseph, Mich. Washing machine casing or similar article. 137,418; Mar. 7.
Geller, Morris, Oak Park, and R. M. Soule, La Grange Park, Ill. Display rack. 137,945; May 23.
Gemex Company. (See McHale, William A., assignor.)
General Fibre Company. (See Zurfehr, W. B., and Berardino, assignors.)
General Motors Corporation. (See Jergenson, George A., assignor.)
General Motors Corporation. (See Macan, Albert L., assignor.)
General Motors Corporation. (See Markestein, John, assignor.)
General Motors Corporation. (See Otter, W. D., and Markestein, assignors.)
General Weaves, Inc. (See Lewis, John A., assignor.)
Generale, John T., Pelham Manor, N. Y. Wheeled toy. 137,477; Mar. 21.
George, Harry F., Chicago, Ill. Door knob or the like. 139,338; Nov. 7.
Gerhardt, Andrew H., Skokie, assignor to Electric Household Utilities Corporation, Chicago, Ill. Washing machine. 139,126; Oct. 10.
Gerhardt, Andrew H., Skokie, assignor to Electric Household Utilities Corporation, Chicago, Ill. Ironing machine. 139,203; Oct. 17.
Gerhart, Charles T. (See Werner, W. G., and Gerhart.)
Gerson, Samuel L., Bridgeton, N. J. Ash tray. 137,261; Feb. 8.
Gerson, Samuel L., Bridgeton, N. J. Bookend. 137,161; Feb. 1.
Gerson, Samuel L., Bridgeton, N. J. Bookend. 137,162; Feb. 1.
Gerson, Samuel L., Bridgeton, N. J. Ash tray. 138,298; July 11.
Gerson, Samuel L., Bridgeton, N. J. Candy box. 138,472; Aug. 8.
Gerstel, Fred V., et al. (See Kramer, Ferdinand, assignor.)
Gerstman, Irving, Buffalo, N. Y. Combined snow pants and vest. 139,136; Oct. 10.
Gesell, Frank A., Belleville, N. J. Shoe horn. 137,268; Feb. 15.
Getgey, John J., assignor to Empire Products, Inc., Cincinnati, Ohio. Pressing device. 137,025; Jan. 11.
Getgey, Ruth G., assignor to Empire Products, Inc., Cincinnati, Ohio. Electric shoe shiner. 136,952; Jan. 4.
Gibson, Gerald A., Excelsior, Minn. Portable basketball goal. 139,311; Oct. 31.
Gibson, James E., Jr., High Point, N. C. Toy landing barge. 138,000; May 30.
Gibson, James E., Jr., High Point, N. C. Toy truck. 138,014; June 6.
Gibson, James E., Jr., High Point, N. C. Toy trailer truck. 138,015; June 6.
Gilardi, Adrian J., Seattle, Wash. Templet for constructing ellipses. 138,016; June 6.
Gilardi, Adrian J., Seattle, Wash. Templet for drawing ellipses. 138,017; June 6.
Gilardi, Adrian J., Seattle, Wash. Templet for drawing ellipses. 138,342; July 18.
Gilbert, A. C., Company, The. (See Preble, Harry S., Jr., assignor.)
Gilbert, Frederick J. (See Peck, Le Mar M.)

Gillette, George T., Garden City, N. Y. Electron symbols stencil. 138,592; Aug. 22.
Gilman, Earl C., Kansas City, Mo. Combination desk unit. 139,503; Nov. 21.
Gilman, Wilbert M., Wellesley Hills, Mass., assignor to Standard Machinery Company, Cranston, R. I. Tachometer. 138,152; June 27.
Gilvar, Samuel A., Brighton, assignor to Boston Envelope Company, Dedham, Mass. Paper cup. 138,727; Sept. 5.
Ginter, Charles W., assignor to The Aro Equipment Corporation, Bryan, Ohio. Housing for lubricant drums or the like. 138,709; Sept. 5.
Giovagnoni, Violet, New York, N. Y. Pajama ensemble. 137,491; Mar. 21.
Giovagnoni, Violet, New York, N. Y. Negligee. 139,246; Oct. 24.
Gits, Joseph A., assignor, by mesne assignments, to himself and J. P. Gits, Chicago, Ill. Ice cube tray. 137,122; Jan. 25.
Gits, Jules P., et al. (See Gits, Joseph A., assignor.)
Giuriati, Leonello, New York, N. Y. Combined beverage cooler and dispenser. 138,363; July 25.
Glafke, Barbara J., New York, N. Y. Combined cigarette, match, bill, and coin fold. 139,417; Nov. 14.
Glasser, Charles J., Chicago, Ill. Ferrule for binoculars. 138,016; Sept. 19.
Glenn, Alfred W., Chicago, Ill. Game board. 138,223; July 11.
Glenn, Thomas C. (See Veltheer, J., and Glenn.)
Globe American Corporation. (See Sherman, Alvin G., assignor.)
Globe Company, The. (See Bilek, Frank J., assignor.)
Gluck, Therese R., Flushing, N. Y. Ornamentation transfer sheet for chinaware or the like. 139,521; Nov. 28.
Gold, Henry, Chicago, Ill. Pull toy. 138,018; June 6.
Gold, Henry, Chicago, Ill. Pull toy. 138,019; June 6.
Goldberg, Jacob, Springfield, assignor to G & R Mfg. Co., Philadelphia, Pa. Smoking stand. 137,654; Apr. 11.
Goldberg, Jacob M., Denver, Colo. Moving picture film reel. 138,559; Aug. 22.
Goldberg, James, New York, N. Y. Handbag. 139,606; Dec. 5.
Goldberger, Dorothy, assignor to S. and M. Hammerman, Chicago, Ill. Child's playsuit or similar article. 138,993; Oct. 3.
Goldberger, Dorothy, assignor to S. and M. Hammerman, Chicago, Ill. Child's playsuit or similar article. 138,994; Oct. 3.
Goldberger, Dorothy, assignor to S. and M. Hammerman, Chicago, Ill. Child's playsuit or similar article. 138,995; Oct. 3.
Goldberger, Dorothy, assignor to S. and M. Hammerman, Chicago, Ill. Child's playsuit or similar article. 138,996; Oct. 3.
Goldberger, Dorothy, assignor to S. and M. Hammerman, Chicago, Ill. Child's playsuit or similar article. 138,997; Oct. 3.
Goldbert, Max L., New York, N. Y. Combined ash tray and coaster, or similar article. 137,959; May 23.
Goldbert, Max L., New York, N. Y. Condiment dispenser, or similar article. 138,568; Aug. 22.
Golder, Harry, New York, N. Y. End plate for bicycle pedals. 138,648; Aug. 29.
Golden, Harry, New York, N. Y. Automobile visor mirror. 139,247; Oct. 24.
Golden, Harry, New York, N. Y. Combined backplate for rearview mirror and reflector. 139,506; Nov. 21.
Golden, Zelma, New York, N. Y. Dress. 138,480; Aug. 8.
Golden, Zelma, New York, N. Y. Dress. 138,481; Aug. 8.
Golden, Zelma, New York, N. Y. Dress. 138,482; Aug. 8.
Golden, Zelma, New York, N. Y. Dress. 138,483; Aug. 8.
Golden, Zelma, New York, N. Y. Dress. 138,484; Aug. 8.
Golden, Zelma, New York, N. Y. Dress. 138,529; Aug. 15.
Golden, Zelma, New York, N. Y. Dress. 138,550; Aug. 15.
Golden, Zelma, New York, N. Y. Dress. 138,551; Aug. 15.
Golden, Zelma, New York, N. Y. Dress. 138,552; Aug. 15.
Golden, Zelma, New York, N. Y. Dress. 138,553; Aug. 15.
Golden, Zelma, New York, N. Y. Dress. 138,608; Aug. 22.
Golden, Zelma, New York, N. Y. Dress. 138,609; Aug. 22.
Golden, Zelma, New York, N. Y. Dress. 138,610; Aug. 22.
Golden, Zelma, New York, N. Y. Dress. 138,615; Aug. 22.
Golden, Zelma, New York, N. Y. Dress. 138,616; Aug. 22.
Golden, Zelma, New York, N. Y. Dress. 138,670; Aug. 29.
Golden, Zelma, New York, N. Y. Dress. 138,671; Aug. 29.
Golden, Zelma, New York, N. Y. Dress. 138,672; Aug. 29.
Golden, Zelma, New York, N. Y. Dress. 138,868; Sept. 19.
Golden, Zelma, New York, N. Y. Dress. 139,734; Dec. 12.
Golden, Zelma, New York, N. Y. Dress. 139,735; Dec. 12.
Golden, Zelma, New York, N. Y. Dress. 139,736; Dec. 12.
Golden, Zelma, New York, N. Y. Dress. 139,737; Dec. 12.
Golden, Zelma, New York, N. Y. Dress. 139,738; Dec. 12.
Golden, Zelma, New York, N. Y. Dress. 139,769; Dec. 19.
Golden, Zelma, New York, N. Y. Dress. 139,770; Dec. 19.
Golden, Zelma, New York, N. Y. Dress. 139,771; Dec. 19.
Golden, Zelma, New York, N. Y. Dress. 139,772; Dec. 19.
Golden, Zelma, New York, N. Y. Dress. 139,773; Dec. 19.
Golden, Zelma, New York, N. Y. Dress. 139,774; Dec. 19.
Golden, Zelma, New York, N. Y. Dress. 139,775; Dec. 19.
Golden, Zelma, New York, N. Y. Dress. 139,776; Dec. 19.
Golden, Zelma, New York, N. Y. Dress. 139,777; Dec. 19.
Golden, Zelma, New York, N. Y. Dress. 139,778; Dec. 19.
Golden, Zelma, New York, N. Y. Dress. 139,779; Dec. 19.
Golden, Zelma, New York, N. Y. Dress. 139,780; Dec. 19.
Golden, Zelma, New York, N. Y. Dress. 139,781; Dec. 19.
Golden, Zelma, New York, N. Y. Jacket. 139,851; Dec. 26.
Golden, Zelma, New York, N. Y. Jacket. 139,852; Dec. 26.
Golden, Zelma, New York, N. Y. Jacket. 139,853; Dec. 26.
Golden, Zelma, New York, N. Y. Jacket. 139,854; Dec. 26.
Golden, Zelma, New York, N. Y. Jacket. 139,855; Dec. 26.
Golden, Zelma, New York, N. Y. Jacket. 139,856; Dec. 26.
Golden, Zelma, New York, N. Y. Jacket. 139,857; Dec. 26.
Goldenstein, Philip, New York, N. Y. Scarf. 139,394; Nov. 7.
Goldenstein, Philip, New York, N. Y. Scarf. 139,395; Nov. 7.
Goldenstein, Philip, New York, N. Y. Scarf. 139,396; Nov. 7.
Goldfrank, John, New York, N. Y. Embroidered trimming. 137,642; Apr. 11.
Goldfrank, John, New York, N. Y. Embroidered trimming. 137,643; Apr. 11.
Goldfrank, John, New York, N. Y. Embroidered trimming. 139,450; Nov. 14.
Goldfrank, John, New York, N. Y. Embroidered trimming. 139,451; Nov. 14.
Goldstein, Aaron A., assignor to The Gomco Surgical Manufacturing Corporation, Buffalo, N. Y. Nose and throat treatment cabinet. 138,142; June 27.
Goldstein, David D., Pittsburgh, Pa. Shoe or similar article. 137,763; Apr. 25.
Goldstein, David D., Pittsburgh, Pa. Shoe or similar article. 137,764; Apr. 25.
Goldstein, David D., Pittsburgh, Pa. Shoe or similar article. 137,765; Apr. 25.
Goldstein, David D., Pittsburgh, Pa. Shoe or similar article. 137,766; Apr. 25.
Goldstein, David D., Pittsburgh, Pa. Shoe or similar article. 137,767; Apr. 25.
Goldstein, David D., Pittsburgh, Pa. Shoe or similar article. 138,153; June 27.
Goldstein, David D., Pittsburgh, Pa. Shoe or similar article. 138,154; June 27.
Goldstein, David D., Pittsburgh, Pa. Shoe or similar article. 138,155; June 27.
Goldstein, David A., Pittsburgh, Pa. Shoe or similar article. 138,156; June 27.
Goldstein, Edward. (See Ludel, W., and Goldstein.)
Goldstein, Edward, Brookline, Mass. Brilliant cut diamond or similar article. 137,163; Feb. 1.
Goldstein, Morris E., Denver, Colo. Display device or similar article. 137,438; Mar. 14.
Golkowski, Floyd F., Cleveland, Ohio. Animal figure. 138,514; Aug. 15.
Golub, Arthur A., Malverne, and Z. Hartmann, Baldwin, N. Y. Tax calculator. 138,224; July 11.
Gomco Surgical Manufacturing Corporation, The. (See Goldstein, Aaron A., assignor.)
Goodin, Albert J., Lewiston, Maine. Bottle carrier. 138,130; June 20.
Goodman, L. A., Manufacturing Co. (See Goodman, L. A., and Levy, assignors.)
Goodman, Louis A., and N. S. Levy, assignors to L. A. Goodman Manufacturing Co., Chicago, Ill. Combination toy wheelbarrow and rocker. 137,595; Apr. 4.
Goodman Manufacturing Company. (See Wood, Frank J., assignor.)
Goodwin, Don O., St. Louis, Mo. Dry cleaning spotting unit. 138,710; Sept. 5.
Gordon, David A., New York, and J. Cohen, Brooklyn, N. Y. Shirtband and collar support. 139,285; Oct. 31.
Gordon, Samuel, Stamford, Conn. Dental plate container. 138,180; July 4.
Gordon, Saul, New York, N. Y. Handbag or similar article. 139,039; Oct. 10.
Gordon, Seymour E., New York, N. Y. Receptacle for tissue or similar article. 139,326; Oct. 31.
Gosswein, Ernst C. (See Gosswein, Paul F. and E. C.)
Gosswein, Paul F. and E. C., Chicago, Ill. Hobbyhorse. 137,280; Feb. 15.
Gotsch, Walter M., Company. (See Hauck, Marie F., assignor.)
Gottschalk, Rose, assignor to E. C. Hyman Co., New York, N. Y. Scarf. 139,248; Oct. 24.
Gough, James J., assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Portable electric heater. 138,975; Oct. 3.
Goulder, Ell I. (See Shaw, Glenn M., assignor.)
Graber, Philip, New York, N. Y. Coat. 138,839; Sept. 19.
Grady, John O., Arab, Ala. Knockdown carrier carton. 137,708; Apr. 18.
Grafman, Abraham J., assignor to Van Tuyl Engineering Corporation, Los Angeles, Calif. Cultivator. 139,080; Oct. 10.
Graham, Eleanor K., New York, N. Y. Dress. 139,782; Dec. 19.
Graham, Eleanor K., New York, N. Y. Dress. 139,783; Dec. 19.
Graham, Eleanor K., New York, N. Y. Dress. 139,784; Dec. 19.

Graham, Eleanor K., New York, N. Y. Dress. 139,785; Dec. 19.
Grabam, Elizabeth N., New York, N. Y. Traveling bag. 138,364; July 25.
Graham, Worth B., Newark, N. J. Wrench. 138,569; Aug. 22.
Granat, Joseph, San Francisco, Calif. Finger ring. 137,409; Mar. 7.
Granese, Anthony, Blackwood Terrace, N. J. Combined salt and pepper shaker. 138,343; July 18.
Grant, Samuel, assignor to Products Development, Inc., Chicago, Ill. Hair curler. 139,684; Dec. 12.
Granville, Mary E., Philadelphia, Pa. Doll. 137,678; Apr. 18.
Granville, Mary E., Philadelphia, Pa. Doll. 137,679; Apr. 18.
Graves, Jay, Berkeley, and A. N. Butler, Oakland, assignors to Speedmaster, Limited, Alameda County, Calif. Tire removing tool. 138,773; Sept. 12.
Graves, John A., and C. S. Bosworth, Los Angeles, assignors to Douglas Aircraft Company, Inc., Santa Monica, Calif. Identification badge. 137,536; Mar. 28.
Graves, John A., and C. S. Bosworth, Los Angeles, assignors to Douglas Aircraft Company Inc., Santa Monica, Calif. Identification badge. 137,537; Mar. 28.
Gravitt, Evelyn S., Memphis, Tenn. Lapel pin. 139,137; Oct. 10.
Gravitt, Evelyn S., Memphis, Tenn. Lapel pin. 139,138; Oct. 10.
Gravitt, Evelyn S., Memphis, Tenn. Lapel pin. 139,139; Oct. 10.
Gravitt, Evelyn S., Memphis, Tenn. Lapel pin. 139,140; Oct. 10.
Gravitt, Evelyn S., Memphis, Tenn. Lapel pin. 139,141; Oct. 10.
Gray, Donald C. (See Potter, K. F., Ljungkull, and Gray.)
Green, Lee B., Lakewood, Ohio. Combined electric fan and heater. 137,596; Apr. 4.
Green, Robert O., New York, N. Y. Bag or similar article. 139,142; Oct. 10.
Greene, Frederick E., Westport, Conn., assignor to National Silver Company, New York, N. Y. Knife or other article of flatware. 139,544; Nov. 28.
Greene, Frederick E., Westport, Conn., assignor to National Silver Company, New York, N. Y. Knife or other article of flatware. 139,545; Nov. 28.
Greene, Frederick E., Westport, Conn., assignor to National Silver Company, New York, N. Y. Knife or other article of flatware. 139,546; Nov. 28.
Greene, Frederick E., Westport, Conn., assignor to National Silver Company, New York, N. Y. Knife or other article of flatware. 139,547; Nov. 28.
Greene, Frederick E., Westport, Conn., assignor to National Silver Company, New York, N. Y. Knife or other article of flatware. 139,548; Nov. 28.
Greener, Charles I. (See Manaster, Ben B., assignor.)
Greenstein, Julius, New York, N. Y. Calendar base or similar article. 139,095; Oct. 10.
Greenview Manufacturing Company. (See Siemund, Herman, assignor.)
Greenwald, Milton S., Los Angeles, Calif. Lighting fixture. 139,663; Dec. 5.
Gregori of Hollywood Inc. (See Sale, Frank, assignor.)
Greiling, David J., assignor to McCray Refrigerator Company, Kendallville, Ind. Cabinet door hinge. 139,227; Oct. 24.
Greiling, David J., assignor to McCray Refrigerator Company, Kendallville, Ind. Latch or similar article. 139,228; Oct. 24.
Greiner, Carl F. (See Harrison, J. F., and Greiner.)
Groetsch, Max, and B. M. Sprague, Pittsburgh, Pa. Combined salt and pepper shaker. 139,842; Dec. 26.
Groff, Harold M., Merchantville, N. J. Fountain toothbrush. 137,249; Feb. 8.
Groh, Norwood F., Poland, Ohio. Toy lamb. 138,691; Sept. 5.
Groh, Norwood F., Poland, Ohio. Toy giraffe. 138,692; Sept. 5.
Groh, Norwood F., Poland, Ohio. Toy horse. 138,793; Sept. 12.
Gross, Max, assignor to Chic-Maid Hat Manufacturing Co., Inc., Buffalo, N. Y. Woman's hat frame. 138,314; July 18.
Gross, Max, assignor to Chic-Maid Hat Manufacturing Co., Inc., Buffalo, N. Y. Woman's hat frame. 138,315; July 18.
Gross, Max, assignor to Chic-Maid Hat Manufacturing Co., Inc., Buffalo, N. Y. Woman's hat frame. 138,316; July 18.
Grossman, Abraham R., Jackson Heights, N. Y. Spectacle frame. 137,132; Jan. 25.
Grossman Music Company. (See Thompson, Josephus, assignor.)
Gruber, Abe, New York, N. Y. Suit. 136,989; Jan. 4.
Gruber, Abe, New York, N. Y. Suit. 137,123; Jan. 25.
Gruber, Abe, New York, N. Y. Suit. 137,124; Jan. 25.
Gruber, Abe, New York, N. Y. Suit. 137,125; Jan. 25.
Gruber, Abe, New York, N. Y. Suit. 137,126; Jan. 25.
Gruber, Abe, New York, N. Y. Coat. 137,198; Feb. 8.
Gruber, Abe, New York, N. Y. Suit. 137,213; Feb. 8.
Gruber, Abe, New York, N. Y. Suit. 137,430; Mar. 7.
Gruber, Abe, New York, N. Y. Suit. 137,492; Mar. 21.
Gruber, Abe, New York, N. Y. Suit. 137,493; Mar. 21.
Gruber, Abe, New York, N. Y. Suit. 137,494; Mar. 21.
Gruber, Abe, New York, N. Y. Suit. 137,580; Apr. 4.
Gruber, Abe, New York, N. Y. Coat. 137,581; Apr. 4.
Gruber, Abe, New York, N. Y. Coat. 137,582; Apr. 4.
Gruber, Abe, New York, N. Y. Suit. 138,051; June 6.
Gruber, Abe, New York, N. Y. Suit. 138,052; June 6.
Gruber, Abe, New York, N. Y. Suit. 138,053; June 6.
Gruber, Abe, New York, N. Y. Suit. 138,054; June 6.
Gruber, Abe, New York, N. Y. Suit. 138,105; June 13.
Gruber, Abe, New York, N. Y. Suit. 138,106; June 13.
Gruber, Abe, New York, N. Y. Coat. 138,107; June 13.
Gruber, Abe, New York, N. Y. Suit. 138,108; June 13.
Gruber, Abe, New York, N. Y. Suit. 138,109; June 13.
Gruber, Abe, New York, N. Y. Suit. 138,110; June 13.
Gruber, Abe, New York, N. Y. Coat. 138,111; June 13.
Gruber, Abe, New York, N. Y. Suit. 138,125; June 20.
Gruber, Abe, New York, N. Y. Coat. 138,126; June 20.
Gruber, Abe, New York, N. Y. Coat. 138,197; July 4.
Gruber, Abe, New York, N. Y. Suit. 138,307; July 11.
Gruber, Abe, New York, N. Y. Coat. 138,308; July 11.
Gruber, Abe, New York, N. Y. Suit. 138,387; July 25.
Gruber, Abe, New York, N. Y. Suit. 138,388; July 25.
Gruber, Abe, New York, N. Y. Suit. 138,389; July 25.
Gruber, Abe, New York, N. Y. Suit. 138,390; July 25.
Gruber, Abe, New York, N. Y. Suit. 139,640; Dec. 5.
Gruber, Abe, New York, N. Y. Suit. 139,641; Dec. 5.
Gruber, Abe, New York, N. Y. Suit. 139,642; Dec. 5.
Gruber, Abe, New York, N. Y. Suit. 139,643; Dec. 5.
Gruber, Abe, New York, N. Y. Suit. 139,644; Dec. 5.
Gruber, Abe, New York, N. Y. Suit. 139,645; Dec. 5.
Gruber, Abe, New York, N. Y. Suit. 139,646; Dec. 5.
Gruber, Abe, New York, N. Y. Suit. 139,647; Dec. 5.
Gruber, Abe, New York, N. Y. Suit. 139,648; Dec. 5.
Gruber, Abe, New York, N. Y. Suit. 139,649; Dec. 5.
Gruber, Abe, New York, N. Y. Suit. 139,650; Dec. 5.
Gruber, Abe, New York, N. Y. Suit. 139,651; Dec. 5.
Gruber, Abe, New York, N. Y. Suit. 139,652; Dec. 5.
Gruber, Abe, New York, N. Y. Suit. 139,653; Dec. 5.
Gruber, Abe, New York, N. Y. Coat. 139,654; Dec. 5.
Grunberg, George, New York, N. Y., assignor to The G. G. Patent Company, Cincinnati, Ohio. Bottle. 138,278; July 11.
Grunberg, George, New York, N. Y., assignor to The G. G. Patent Company, Cincinnati, Ohio. Bottle. 138,279; July 11.
Grunberg, George, New York, N. Y., assignor to The G. G. Patent Company, Cincinnati, Ohio. Bottle stopper. 138,280; July 11.
Grunberg, George, New York, N. Y., assignor to The G. G. Patent Company, Cincinnati, Ohio. Combined bottle and stopper. 138,281; July 11.
Gudt, Rose A., New York, N. Y. Doll or similar article. 139,594; Dec. 5.
Guenther, Walter J., Ft. Madison, Iowa. Carton opener or similar article. 138,266; July 11.
Guernsey, James E., West Roxbury, assignor to Polaroid Corporation, Cambridge, Mass. Dog goggles. 137,597; Apr. 4.
Guerra, Carlos E. P. (See Merralls, Judith M. G., assignor.)
Guild, Lurelle V. A., Darien, Conn., assignor to Electrolux Corporation, New York, N. Y. Vacuum cleaner nozzle-brush unit or similar article. 139,266; Oct. 31.
Gulick, John H., Garfield Heights, Ohio. Bottle warmer. 138,593; Aug. 22.
Gunderson, Gustav M., Duluth, Minn. Chisel. 137,744; Apr. 25.
Gustafson, Knut L., Chicago, Ill. Spoon or other article of flatware. 137,913; May 16.
Gustkey, Carl W., Wheeling, W. Va., assignor to Imperial Glass Corporation, Bellaire, Ohio. Ash tray or similar article. 137,613; Apr. 4.
Guth, Stern & Co., Inc. (See Lippincott, Joshua G., assignor.)
H-P-M. Development Corporation. (See Ernst, W., and Thoreson, assignors.)
H-P-M Development Corporation. (See Kilburn, R. R., and Ashbaugh, assignors.)
Haase, Harry H. (See Kartvell, A., and Haase.)
Hacmac, Edward R., Glendale, assignor of one-half to L. A. Smith, Los Angeles, Calif. Top. 138,494; Aug. 15.
Hadley, Harold F., assignor to The Defiance Alloyed Products Company, Defiance, Ohio. Compressor. 137,829; May 2.
Hadley, Harold F., Defiance, Ohio. Combined air horn and actuator. 138,406; Aug. 1.
Haedge, Frances R., Dallas, Tex. Toy doll. 137,657; Apr. 11.
Hagedorn, Martha M., Gresham, Oreg. Towel cabinet or similar article. 138,434; Aug. 8.
Hager, Emma G., Max Meadows, Va. Laundry tongs. 137,960; May 23.
Halt, Howard B., Philadelphia, Pa. Drinking cup dispenser and disposer unit. 139,287; Oct. 31.
Halber, Leon, assignor to Haldee Leather Products Co., Inc., New York, N. Y. Combined billfold, change purse, and key holder. 139,607; Dec. 5.
Haldee Leather Products Co. (See Halber, Leon, assignor.)
Hall, Ernest H., St. Paul, Minn. Cribbage board. 138,495; Aug. 15.
Hall, Florence. (See Houghton, H. E., and Hall.)

Haliman, Eric B., assignor to Electric Service Supplies Company, Philadelphia, Pa. Housing for a vehicle light. 138,317 July 18.
Halouse, Edouard. (See Bendix, J., and Halouse.)
Halpern, Jack, New York, N. Y. Display stand or similar article. 138,122; June 20.
Halpern, Joseph, New York, N. Y. Combined easel and frame. 137,047; Jan. 18.
Halpern, Joseph, New York, N. Y. Slide fastening handbag or similar article. 137,048; Jan. 18.
Halpern, Joseph, New York, N. Y. Rolling cigarette case. 137,176; Feb. 1.
Halpern, Joseph, New York, N. Y. Handbag frame or similar article. 138,157; June 27.
Halpern, Joseph, New York, N. Y. Handbag or similar article. 138,649; Aug. 29.
Hambrock, Ida, Toledo, Ohio. Flag. 139,081; Oct. 10.
Hamilton, Frank C., Newark, N. J. Game board. 137,026; Jan. 11.
Hamilton, Wesley C., Los Angeles, Calif. Ash tray. 139,227; Oct. 31.
Hammer, Hyman C., assignor to Price Brothers, Inc., Chicago, Ill. Sign. 138,976; Oct. 3.
Hammerman, Meyer, et al. (See Goldberger, Dorothy, assignor.)
Hammerman, Sol, et al. (See Goldberger, Dorothy, assignor.)
Hanna, Howard H., Denver, Colo. Lapel ornament. 138,394; Aug. 1.
Hannevig, Christoffer, New York, N. Y. Ship. 139,549; Nov. 28.
Hanscom, Henry G., Elmhurst, Ill. Tricycle or similar article. 139,802; Dec. 26.
Hanse, Mathew A., assignor to The Lotus Glass Company, Inc., Barnesville, Ohio. Bobeche or similar article. 136,979; Jan. 4.
Hansen, Hans A., and S. R. Salkin, Peoria, Ill. Display stand. 137,374; Feb. 29.
Harakty, Viktor, Whitestone, N. Y. Chair. 137,587; Apr. 4.
Harakty, Viktor, Whitestone, N. Y. Table. 137,588; Apr. 4.
Hard Manufacturing Company. (See Doty, Boyd A., assignor.)
Hardy Metal Specialties Inc. (See De Pasquale, J., and Westerman, assignors.)
Hardy Metal Specialties Inc. (See Westerman, A., and De Pasquale, assignors.)
Hardy, Otto, Ventura, Calif. Combined wrench and spanner. 138,515; Aug. 15.
Harkins, Walter E. B., Brooklyn, N. Y. Life raft. 138,062; June 13.
Harpignies, Zinaida, Kew Gardens, N. Y. Doll or similar article. 137,167; Feb. 1.
Harpignies, Zinaida, New York, N. Y. Toy bear or similar article. 137,949; May 23.
Harrington, Houston, Marianna, Fla. Airplane. 138,801; Sept. 12.
Harris, Benjamin, Los Angeles, Calif. Combined bottle and cap. 139,381; Nov. 7.
Harris, Bufor, et al. (See Harris, Taft H., assignor.)
Harris, Franklin D., et al. (See Harris, Taft H., assignor.)
Harris, Howard H., et al. (See Harris, Taft H., assignor.)
Harris, Levina W., Portland, Oreg. Motor vehicle. 137,965; May 23.
Harris, Raymond W., et al. (See Harris, Taft H., assignor.)
Harris, Sam M. (See Kursh, H., and Harris.)
Harris-Seybold-Potter Company. (See Spiller, William R., assignor.)
Harris, Taft H., assignor of one-fifth to B. Harris, one-fifth to H. H. Harris, one-fifth to F. D. Harris, and one-fifth to R. W. Harris, Portland, Oreg. Cable holder. 138,739; Sept. 5.
Harrison, John F., and C. F. Greiner, assignors to The Buffalo-Springfield Roller Co., Springfield, Ohio. Road roller. 138,539; Aug. 15.
Harstad, Norman H., Berkeley, Calif. Dagger. 137,451; Mar. 14.
Hartmann, Zoltan. (See Golub, A. A., and Hartmann.)
Hartnett, Paul L. Leominster, Mass. Drape pullback. 139,522; Nov. 28.
Hartwig, Walter A., West Allis, Wis. Rocking horse. 137,971; May 23.
Harvey Machine Co. (See Orkin, Samuel, assignor.)
Harvuot, Richard E. (See Hite, W. A., Harvuot, and Williams.)
Hat Corporation of America. (See Maxwell, P. M., and Russy, assignors.)
Hatcher, Benjamin H., Woodville, Tex. Fishing lure. 138,496; Aug. 15.
Hauck, Marie F., assignor to Walter M. Gotsch Company, Chicago, Ill. House coat. 139,397; Nov. 7.
Hauptman, Wesley R., assignor to Massour Bros., Inc., Ltd., Los Angeles, Calif. Cologne bottle. 138,829; Sept. 19.
Hauptman, Wesley R., assignor to "42" Products, Inc., Los Angeles, Calif. Shaving soap bowl. 139,229; Oct. 24.
Hausman, Paul G., Lawrence, Kans. Statuette or similar article. 139,787; Dec. 19.
Hayden, Benjamin F., St. Louis, Mo. Jar wrench. 138,817; Sept. 19.
Hayes, Ceola P., Santa Monica, Calif. Alphabet. 138,740; Sept. 5.
Haynes, Paul D., Electra, Tex. Game board. 138,407; Aug. 1.
Heck, Albert L., Normandy, assignor to American Fixture & Manufacturing Co., St. Louis, Mo. Tubular member for metal furniture, stanchions, guardrails, or the like. 138,065; June 13.
Hedgyes, Ladislas, assignor to Helena Rubinstein, Inc., New York, N. Y. Box or similar article. 138,121; June 20.
Hegner, Fred, New York, N. Y. Appliqué. 137,680; Apr. 18.
Heineke, Alfred C., East Orange, assignor to Lester & Co., Newark, N. J. Brooch or similar article. 139,127; Oct. 10.
Heineke, Alfred C., East Orange, assignor to Lester & Co., Newark, N. J. Jewelry pin or similar article. 139,128; Oct. 10.
Heinemann, Edward H., and L. J. Devlin, Los Angeles, assignors to Douglas Aircraft Company, Inc., Santa Monica, Calif. Airplane. 139,507; Nov. 21.
Heintz, Ralph M., Cleveland, assignor to Jack & Heintz, Inc., Bedford, Ohio. Motor frame for an engine starter. 137,629; Apr. 4.
Heintz, Ralph M., Cleveland, assignor to Jack & Heintz Research Corporation, Bedford, Ohio. Engine starter. 137,665; Apr. 11.
Heintz, Ralph M., Cleveland, assignor to Jack & Heintz Research Corporation, Bedford, Ohio. Gyro horizon indicator. 138,375; July 25.
Heintz, Ralph M., Cleveland, assignor to Jack & Heintz, Inc., Bedford, Ohio. Directional gyro. 139,426; Nov. 14.
Heintz, Ralph M., Cleveland, assignor to Jack & Heintz, Inc., Bedford, Ohio. Motor for operating movable parts of an airplane. 139,720; Dec. 12.
Heinzel, Irving R., Chicago, Ill. Child's exerciser or similar article. 137,809; May 2.
Helt, Henry George A., Norfolk, Va. Electrical terminal eyelet cover. 137,375; Feb. 29.
Hellwegen, Everett, Long Beach, Calif. Hobbyhorse. 138,083; June 13.
Helmuth, Louis W., Sr., Lakewood, assignor to The Midland Steel Products Company, Cleveland, Ohio. Combination bathroom unit. 138,741; Sept. 5.
Henderson, Norman A. (See Clark, Ruth M., assignor.)
Hendrix, Rex, Brooklyn, N. Y. Picture mount or similar article. 139,471; Nov. 21.
Henkel, Hans, Baltimore, Md., assignor to Dixon Bartlett Company. Shoe. 139,499; Nov. 21.
Henry, John L., Los Angeles, Calif. Toy. 139,803; Dec. 26.
Herb, Otto J., assignor to Diagraph-Bradley Stencil Machine Corporation, St. Louis, Mo. Fountain stencil brush. 137,554; Mar. 28.
Herbst, John A., Oradell, assignor to Federal Telephone and Radio Corporation, Newark, N. J. Font of type. 137,655; Apr. 11.
Hercik, Lad L., Lakewood, assignor to The Hill Acme Company, Cleveland, Ohio. Portable crane or similar article. 138,898; Sept. 26.
Hercik, Lad L., Lakewood, assignor to The Hill Acme Company, Cleveland, Ohio. Alligator shear or similar article. 138,899; Sept. 26.
Herman, Edward, assignor to G. E. Bernstein, Los Angeles, Calif. Drapery tie-back. 138,802; Sept. 12.
Herman, Edward, assignor to G. E. Bernstein, Los Angeles, Calif. Drapery tie-back. 138,803; Sept. 12.
Herz, Erwin, assignor to Reproducta, Inc., New York, N. Y. Toy house. 137,371; Feb. 29.
Hess, Lester L., New York, N. Y. Pin or similar article. 138,056; June 6.
Hickling, Edith, Minneapolis, Minn. Combined toy locomotive and tender. 138,711; Sept. 5.
Hickling, Edith, Minneapolis, Minn. Combined toy locomotive and tender. 138,742; Sept. 5.
Hickling, Edith, Minneapolis, Minn. Combined toy truck and stake body trailer. 139,177; Oct. 17.
Hickling, Edith, Minneapolis, Minn. Combined toy truck and trailer. 139,178; Oct. 17.
Hickling, Frank J. (See Woodward, H. F., and Hickling.)
Hickman, Darold R., assignor to Evans Case Company, North Attleboro, Mass. Case for a lighter or the like. 136,980; Jan. 4.
Hicks, Dewey L., Vancouver, Wash. Picture frame. 137,182; Feb. 1.
Hicks, Dewey L., Vancouver, Wash. Picture frame. 137,995; May 30.
Hiemenz, Vera D., Pacific Palisades, Calif. Food container. 137,262; Feb. 8.
Higgins, George W., Columbus, Ohio. Photographic mount or article of similar nature. 137,996; May 30.
Hill Acme Company, The. (See Hercik, Lad L., assignor.)
Hill, John W., Chicago, Ill. Combined flowerpot and holder. 137,049; Jan. 18.
Hill, John W., Chicago, Ill. Combined flowerpot and holder. 137,050; Jan. 18.
Hiltenbrand, Frank X., New York, N. Y. Handbag. 139,243; Oct. 24.
Hiltenbrand, Frank X., New York, N. Y. Handbag. 139,244; Oct. 24.

Hiltenbrand, Frank X., New York, N. Y. Handbag. 139,382; Nov. 7.
Hinchman, William H. D., Detroit, Mich. Conduit spacer. 139,568; Nov. 28.
Hinson, William H., Webster Groves, Mo. Infant's shoe. 138,028; June 6.
Hirsch, Mano, New York, N. Y. Toy pistol. 138,485; Aug. 8.
Hirsch, Mano, New York, N. Y. Toy pistol. 138,486; Aug. 8.
Hirst, George R., Merchantville, N. J. Toy telephone. 138,158; June 27.
Hiscock, Cyril, Saint John's, Newfoundland. Cork extractor. 139,160; Oct. 17.
Hite, Walter A., Palos Verdes Estates, R. E. Harvuot, Inglewood, and D. H. Williams, Los Angeles, Calif., assignors to Interstate Aircraft and Engineering Corporation. Airplane. 139,788; Dec. 19.
Hitzeman, Henry C., et al. (See Pease, Henry E., assignor.)
Hobden, Frederick G., assignor to Quaker Lace Company, Philadelphia, Pa. Lace table cloth. 138,557; Aug. 15.
Hobden, Frederick G., assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth. 138,580; Aug. 22.
Hobden, Frederick G., assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth. 138,581; Aug. 22.
Hobé, William W., New York, N. Y. Brooch pin or similar article. 137,644; Apr. 11.
Hobé, William W., New York, N. Y. Brooch pin or similar article. 138,929; Sept. 26.
Hobé, William W., New York, N. Y. Brooch pin or similar article. 138,930; Sept. 26.
Hobé, William W., New York, N. Y. Earring or similar article. 138,931; Sept. 26.
Hobé, William W., New York, N. Y. Brooch pin or similar article. 138,932; Sept. 26.
Hobé, William W., New York, N. Y. Brooch pin or similar article. 138,933; Sept. 26.
Hobé, William W., New York, N. Y. Brooch pin or similar article. 138,934; Sept. 26.
Hobé, William W., New York, N. Y. Brooch pin or similar article. 138,935; Sept. 26.
Hobé, William W., New York, N. Y. Brooch pin or similar article. 138,936; Sept. 26.
Hobé, William W., New York, N. Y. Brooch pin or similar article. 138,937; Sept. 26.
Hobé, William W., New York, N. Y. Brooch pin or similar article. 138,938; Sept. 26.
Hobé, William W., New York, N. Y. Brooch pin or similar article. 138,939; Sept. 26.
Hobé, William W., New York, N. Y. Brooch pin or similar article. 138,954; Oct. 3.
Hobé, William W., New York, N. Y. Bracelet or similar article. 138,955; Oct. 3.
Hobé, William W., New York, N. Y. Brooch pin or similar article. 138,957; Oct. 3.
Hobé, William W., New York, N. Y. Brooch pin or similar article. 138,978; Oct. 3.
Hobé, William W., New York, N. Y. Brooch pin or similar article. 138,979; Oct. 3.
Hobé, William W., New York, N. Y. Brooch pin or similar article. 138,980; Oct. 3.
Hobé, William W., New York, N. Y. Brooch pin or similar article. 138,981; Oct. 3.
Hobé, William W., New York, N. Y. Brooch pin or similar article. 138,982; Oct. 3.
Hobé, William W., New York, N. Y. Bracelet or similar article. 139,167; Oct. 17.
Hobé, William W., New York, N. Y. Bracelet or similar article. 139,168; Oct. 17.
Hobé, William W., New York, N. Y. Bracelet or similar article. 139,169; Oct. 17.
Hobé, William W., New York, N. Y. Brooch pin or similar article. 139,170; Oct. 17.
Hobé, William W., New York, N. Y. Brooch pin or similar article. 139,171; Oct. 17.
Hobé, William W., New York, N. Y. Brooch pin or similar article. 139,261; Oct. 24.
Hobé, William W., New York, N. Y. Brooch pin or similar article. 139,263; Oct. 24.
Hobé, William W., New York, N. Y. Brooch pin or similar article. 139,339; Nov. 7.
Hobé, William W., New York, N. Y. Bracelet or similar article. 139,340; Nov. 7.
Hobé, William W., New York, N. Y. Earring or similar article. 139,583; Nov. 28.
Hochberg, Albert, New York, N. Y. Dress. 137,107; Jan. 18.
Hockery, John C., et al. (See Talge, Henry J., assignor.)
Hodes, Alexander, New York, N. Y. Lace. 138,840; Sept. 19.
Hodge, G. Howard, New York, N. Y. Hat. 136,972; Jan. 4.
Hodge G. Howard, New York, N. Y. Hat. 136,973; Jan. 4.
Hodge, G Howard, New York, N. Y. Hat. 136,974; Jan. 4.
Hodge, G. Howard, New York, N. Y. Hat. 137,087; Jan. 18.
Hodge, G. Howard, New York, N. Y. Hat. 137,346; Feb. 22.
Hodge, G. Howard, New York, N. Y. Hat. 137,347; Feb. 22.
Hodge, G. Howard, New York, N. Y. Hat. 137,348; Feb. 22.
Hodge, G. Howard, New York, N. Y. Hat. 138,851; Sept. 19.
Hodge, G. Howard, New York, N. Y. Hat. 138,943; Sept. 26.
Hodges, Vera C., Los Angeles, and T. B. Smallwood, Burbank, assignors to V. C. Hodges, T. B. Smallwood, and H. P. Lester, Los Angeles, Calif., a co-partnership doing business as Champion Aviation Products Company. Engine starter housing. 138,774; Sept. 12.
Hoffert, Roy G., Racine, Wis. Wire stitching machine. 138,900; Sept. 26.
Hoffman, Charles J., York, Pa. Portable lamp guard or similar article. 139,756; Dec. 19.
Hoffman, Charles J., York, Pa. Portable lamp guard or similar article. 139,757; Dec. 19.
Hoffman, Charles J., York, Pa. Portable lamp guard or similar article. 139,758; Dec. 19.
Hoffman, Frank E., New York, N. Y. Clothespin disk toy. 137,980; May 30.
Hoffmann, Edward C., St. Louis, Mo. Desk writing unit or similar article. 139,150; Oct. 17.
Hoffmann, Karl C., Rutherford, N. J., assignor to Rosemary Manufacturing Company, Roanoke Rapids, N. C. Tablecloth or the like. 138,841; Sept. 19.
Hoffmann, Karl C., Rutherford, N. J., assignor to Rosemary Manufacturing Company, Roanoke Rapids, N. C. Tablecloth or the like. 138,842; Sept. 19.
Hoffmann, Karl C., Rutherford, N. J., assignor to Rosemary Manufacturing Company, Roanoke Rapids, N. C. Tablecloth or the like. 138,843; Sept. 19.
Hoffmann, Karl C., Rutherford, N. J., assignor to Rosemary Manufacturing Company, Roanoke Rapids, N. C. Tablecloth or the like. 138,844; Sept. 19.
Hoglin, Irving M., Boulder, Colo. Transparent hood for aircraft or similar article. 139,858; Dec. 26.
Hollander, Lewis H., New York, N. Y. Embroidered fabric. 139,685; Dec. 12.
Holmgren, Gustave. (See Tator, K., and Holmgren.)
Holophane Company. (See Lippincott, Joshua G., assignor.)
Holzworth, Laurlene T., et al. (See Du Bois, Joseph E., assignor.)
Honeyman, William A., San Francisco, Calif. Spirit level. 138,226; July 11.
Hooven, Howard, Doylestown, Pa., assignor to Quaker Lace Company, Philadelphia, Pa. Lace table cloth. 138,558; Aug. 15.
Hooven, Howard, Doylestown, assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth. 138,582; Aug. 22.
Hooven, Howard, Doylestown, assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth. 138,583; Aug. 22.
Hooven, Howard, Doylestown, assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth. 138,584; Aug. 22.
Hooven, Howard, Doylestown, assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth. 138,585; Aug. 22.
Hooven, Howard, Doylestown, assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth. 138,586; Aug. 22.
Hooven, Howard, Doylestown, assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth. 138,587; Aug. 22.
Hoover, Joseph J., New Orleans, La. Badge or similar article of jewelry. 137,133; Jan. 25.
Hopkins, Hiram, Los Angeles, Calif. Combined baby stroller and feeder. 138,318; July 18.
Hopkins, Hiram, Los Angeles, Calif. Baby walker. 138,319; July 18.
Hopkins, Hiram, Los Angeles, Calif. Stroller. 138,334; July 18.
Hopkins, Le Roy E., Northbrook, Ill., assignor to Committee for Constitutional Government, New York, N. Y. Book cover. 138,213; July 4.
Horckitz, Inglish, St. Louis, Mo. Baby carrier. 138,791; Sept. 12.
Horr, John V., North Tarrytown, assignor to Elnson-Freeman Co., Inc., Long Island City, N. Y. Educational device. 138,225; July 11.
Horton Manufacturing Company, The. (See Treadway, William I., assignor.)
Hose, Robert H., Mountainside, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone supporting shelf. 139,472; Nov. 21.
Hoshafian, Lucy, New York, N. Y. Dress. 138,418; Aug. 1.
Hoshafian, Lucy, New York, N. Y. Dress. 138,419; Aug. 1.
Hoshafian, Lucy, New York, N. Y. Dress. 138,420; Aug. 1.
Hosken, Percy K., Wharton, N. J. Window frame. 137,305; Feb. 15.
Hotchkiss, E. H., Company, The. (See Polser, Fridolin, assignor.)
Houck, Jonathan I., Pottstown, Pa. Lamp. 137,088; Jan. 18.

Houghton, Harry E., New York, N. Y., and F. Hall, Washington, D. C., assignors to the United States of America as represented by Marvin Jones, Administrator of the War Food Administration, and his successors in office. Badge. 137,042; Jan. 11.
Houghton, Harry E., New York, N. Y., and L. Crile, Washington, D. C., assignors to the United States of America, as represented by Marvin Jones, Administrator of the War Food Administration, and his successors in office. Badge. 137,224; Feb. 8.
Hovey, C. Earl, trustee. (See Schladermundt, P., and Metzler, assignors.)
Howard, Paul, Jacksonville, Fla. Holder for receipt pads or the like. 137,950; May 23.
Howard, Styles T., Jeffersonville, Ind. Cooking vessel cradle. 138,395; Aug. 1.
Howes, S. M., Inc. (See Frenning, Alfred B., assignor.)
Huckabee, Walter G., Silver Grove, Ky. Marine indicator. 139,387; Nov. 7.
Huckabee, Walter G., Silver Grove, Ky. Marine indicator. 139,388; Nov. 7.
Huenerfauth, George E., Park Ridge, assignor to Crown Rheostat & Supply Co., Chicago, Ill. Tumbling apparatus. 139,460; Nov. 21.
Huenerfauth, George E., Park Ridge, assignor to Crown Rheostat & Supply Co., Chicago, Ill. Tumbling machine. 139,461; Nov. 21.
Huff, Basil D., New York, N. Y. Belt. 137,555; Mar. 28.
Huff, Basil D., New York, N. Y. Belt. 138,344; July 18.
Huff, Taylor E., Fort Knox, Ky. Universal combat knife. 138,570; Aug. 22.
Huff, Taylor E., Fort Knox, Ky. Scabbard for a universal combat knife. 138,571; Aug. 22.
Hughes, Arch M., Natchez, Miss. Saddle seat cover. 137,051; Jan. 18.
Hughes, Evan, Colfax, Iowa. Toy whistle. 137,981; May 30.
Hughes, Howard R., Houston, Tex., V. E. Clark, Pacific Palisades, and S. A. Bell, Glendale, Calif., assignors to Hughes Tool Company, Houston, Tex. Airplane. 139,438; Nov. 14.
Hughes Tool Company. (See Hughes, H. R., Clark, and Bell, assignors.)
Hunter, William B., Wellesley Hills, assignor to The Comptor Company, Waltham, Mass. Case for micrometer caliper. 138,673; Aug. 29.
Hurwitz, Bernard, New York, N. Y. Dress. 138,717; Sept. 5.
Hyman, Edgar C., Co. (See Gottschalk, Rose, assignor.)
Hyman, Nathaniel, New York, N. Y. Miniature bureau or similar article. 139,706; Dec. 12.
Hyster, Willamette, Company. (See Johnson, George V., assignor.)
Iannelli, Alfonso, Park Ridge, assignor to Burgess Battery Company, Freeport, Ill. Confessional booth or the like. 137,127; Jan. 25.
Ideal Novelty & Toy Co. (See Szrajer, Mieczyslaw, assignor.)
Illinois Lumber Company. (See Jones, Walter, assignor.)
Imperial Glass Corporation. (See Gustkey, Carl W., assignor.)
Imperial Glass Corporation. (See Uhrmann, Carl J., assignor.)
Incardona, Sam, Waco, Tex. Shoe sole. 137,439; Mar. 14.
Industrial Tool & Die Works, Inc. (See McLelland, W. H., and Ajax, assignors.)
Infantoy Products, Inc. (See Katz, William, assignor.)
Ing, Daniel, Honolulu, Hawaii. Pin or similar article of jewelry. 137,225; Feb. 8.
Ingram, Stanley W. A., Los Angeles, Calif. Pressure cooker. 139,789; Dec. 19.
International Business Machines Corporation. (See Sprecker, A. L., and Supa, assignors.)
International Silver Company. (See Parkin, G. F., and Brown, assignors.)
International Standard Electric Corporation. (See Deakin, Gerald, assignor.)
International Standard Electric Corporation. (See McLarn, Ernest S., assignor.)
Interstate Aircraft and Engineering Corporation. (See Hite, W. A., Harvuet, and Williams, assignors.)
Ivers-Lee Company. (See Salfisberg, Leroy L., assignor.)
Jack & Heintz, Inc. (See Heintz, Ralph M., assignor.)
Jack & Heintz, Inc. (See Mehlman, Leonard R., assignor.)
Jack & Heintz Research Corporation. (See Conant, David J., assignor.)
Jack & Heintz Research Corporation. (See Heintz, Ralph M., assignor.)
Jack, Joe F., Arcadia, Calif. Offset hammer spur for a pistol or similar article. 138,594; Aug. 22.
Jack, Joe F., Arcadia, Calif. Offset hammer spur for a pistol or similar article. 138,595; Aug. 22.
Jackson, Bruce A., Grand Rapids, Mich. Bottle. 138,198; July 4.
Jackson, Horace G., Woodstown, N. J. Holder for bottles. 137,810; May 2.
Jackson, Jules, Great Neck, N. Y. Comb. 139,728; Dec. 12.
Jackson, Merlin M., San Jose, Calif. Combined washer and wringer drive housing. 139,427; Nov. 14.
Jacobson, Alfred M., Denver, Colo. Knife and scissors grinder guide plate. 137,168; Feb. 1.
Jacobson, Alfred M., Denver, Colo. Combined cutlery grinder guide and whetting disk. 137,495; Mar. 21.
Jacobson, Alfred M., Denver, Colo. Scissors whetting wheel. 137,633; Apr. 11.
Jacobson, Alfred M., Houston, Tex. Combined cutlery grinder fan, guide, and whetting disk. 139,608; Dec. 5.
Jacobson, Robin C., Evanston, and H. Leistner, Chicago, Ill. Corsage or similar article. 137,052; Jan. 18.
Jaeger, Kurt, Plainfield, N. J. Layout scale. 139,609; Dec. 5.
Jaffa, William, Minneapolis, Minn. Garment hanger. 138,117; June 20.
Jaffa, William, Minneapolis, Minn. Dust pan. 138,435; Aug. 8.
Jahnke, Edmund L., Minneapolis, Minn. Toy machine gun. 137,538; Mar. 28.
Jakosky, John J., Lawrence, Kans. Golf club. 137,283; Feb. 15.
Jakosky, John J., Lawrence, Kans. Golf club head. 137,863; May 9.
Jakosky, John J., Los Angeles, Calif. Golf club head. 139,462; Nov. 21.
Jakosky, John J., Los Angeles, Calif. Golf club head. 139,463; Nov. 21.
Jantzen, Frederick H., Bronx, N. Y. Measuring stick or the like. 136,953; Jan. 4.
Jarlien, Milton, New York, N. Y. Embroidered trimming. 137,925; May 16.
Jarrell, Joseph B., Prosser Wash. Tire servicing tool. 138,572; Aug. 22.
Jarvis, W. B., Company. (See Dey, George E., assignor.)
Jarvis, William E., Greenfield, Mass. Battery terminal puller. 139,485; Nov. 21.
Jenkins, Grace L., Waxahachie, Tex. Cow yoke. 137,709; Apr. 18.
Jensen, Peter L., Western Springs, Ill. Phonograph needle. 139,584; Nov. 28.
Jensen, Volmer S., Glendale, Calif., assignor to California Aero Glider Co., Inc. Pre-flight aircraft pilot trainer. 139,249; Oct. 24.
Jensen, Volmer S., Glendale, Calif., assignor to California Aero Glider Co., Inc. Motorized preflight trainer. 139,664; Dec. 5.
Jergenson, George A., assignor to General Motors Corporation, Detroit, Mich. Two-unit locomotive body. 137,779; Apr. 25.
Jessen, Arnold H., West Hollywood, Calif. Hand truck for golf clubs. 139,707; Dec. 12.
Jiménez, Antonio C., Washington, D. C. Font of type. 137,212; Feb. 8.
Joesting, Harry F. (See Le Claire, Eugene J., assignor.)
Johnsen, Leif G., New Rochelle, N. Y. Banner. 139,288; Oct. 31.
Johnson, Frank A., San Francisco, Calif. Combined cutter and ejector for biscuits, cookies, or the like. 137,914; May 16.
Johnson, George V., assignor to Willamette Hyster Company, Portland, Oreg. Lift truck. 139,179; Oct. 17.
Johnson, George V., assignor to Willamette Hyster Company, Portland, Oreg. Lift truck. 139,759; Dec. 19.
Johnson, Henry L., Bunnell, Fla. Commode. 138,920; Sept. 26.
Johnson, Herbert C., Wilmette, assignor to National Die Casting Company, Chicago, Ill. Juice extractor. 138,983; Oct. 3.
Johnston, Earl R., Robbinsdale, assignor to Char-Gale Manufacturing Company, Minneapolis, Minn. Register. 139,033; Oct. 10.
Johnston, Spurgeon L., Tiburon, Calif. Automobile accelerator pedal attachment. 138,320; July 18.
Jolles, Ida, New York, N. Y. Handbag. 137,666; Apr. 11.
Jolles, Ida, New York, N. Y. Handbag. 137,864; May 9.
Jones, Charles E., assignor to Rockwell-Barnes Company, Chicago, Ill. Letter tray or similar article. 139,823; Dec. 26.
Jones, James H., Lakewood, and C. L. Elofson, assignors to Art Metal Construction Company, Jamestown, N. Y. Desk or analogous article. 139,319; Oct. 31.
Jones, Robert D., Charleston, W. Va. Smoking pipe blaster. 138,287; July 11.
Jones, Theodore C., Louisville, Ky. Electrolytic water purifier. 137,634; Apr. 11.
Jones, Walter, assignor to Illinois Lumber Company, Incorporated, Edwardsville, Ill. Child's toilet chair. 138,252; July 11.
Jorgensen, Samuel, Fresno, Calif. Fish lure. 139,655; Dec. 5.
Jung, Albert H., Flushing, assignor to Victor Metals Products Corporation, Brooklyn, N. Y. Container cap. 138,756; Sept. 5.
Jung, Henry J., Milwaukee, Wis. Bracelet. 137,128; Jan. 25.
Justrite Manufacturing Company. (See Packer, Charles S., assignor.)
Kaeppel, Bertram A. (See Biller, D. J., and Kaeppel.)
Kaesa, Stefan, New York, N. Y. Spectacle frame or similar article. 137,320; Feb. 22.
Kafka, Elsa M., New York, N. Y. Brooch or similar article. 138,693; Sept. 5.
Kahn, David, Englewood, N. J. Pencil. 138,345; July 18.
Kahn, David, Englewood, N. J. Fountain pen. 138,346; July 18.

Kahn, Milton, New York, assignor to The Cofax Corporation, Long Island City, N. Y. Tape dispenser unit. 139,665; Dec. 5.
Kain, Charles B. (See Bressler, Althea J., assignor.)
Kamenstein, David. (See Kapner, T., and Kamenstein.)
Kamery, Robert L., Tucson, Ariz. Autogyro. 139,013; Oct. 3.
Kaminsky, Oscar H., assignor to Micro Switch Corporation, Freeport, Ill. Switch bracket. 137,614; Apr. 4.
Kapner, Thomas, Bellaire, Ohio, and D. Kamenstein, New York, N. Y. Combined casserole and serving platter. 137,961; May 23.
Kardux, Gordon E., Burbank, Calif. Template. 137,905; May 16.
Karl, George E., Liberty, Ind. Rotary hoe unit or the like. 138,712; Sept. 5.
Karle, John D., Roselle Park, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Surgical stitching instrument or similar article. 139,014; Oct. 3.
Karlsen, Ingolf, New York, N. Y. Ship ladder rung unit. 139,015; Oct. 3.
Karoff, Robert B., New York, N. Y. Bottle. 138,451; Aug. 8.
Karoff, Robert B., New York, N. Y. Combined bottle and holder or similar article. 138,452; Aug. 8.
Karoff, Robert B., New York, N. Y. Bottle display carton. 138,530; Aug. 15.
Karp, David, New York, N. Y. Picture frame. 139,786; Dec. 19.
Karples, Franklin E., New York, N. Y. Earring or similar article. 138,956; Oct. 3.
Karson, Shirley, New York, N. Y. Coat. 137,053; Jan. 18.
Karson, Shirley, New York, N. Y. Suit. 137,089; Jan. 18.
Karstadt, Clarence, Glen Ellyn, Ill., assignor to American Central Manufacturing Corporation, Connersville, Ind. Combined sink and cabinet. 137,226; Feb. 8.
Karstadt, Clarence, Glen Ellyn, Ill., assignor to American Central Manufacturing Corporation, Connersville, Ind. Combined sink and cabinet. 137,227; Feb. 8.
Kartvell, Alexander, Hempstead, and H. H. Haase, Hollis, N. Y., assignors to Republic Aviation Corporation. Airplane. 137,889; May 9.
Kartvell, Alexander, Huntington Station, and M. Berkow, Flushing Heights, N. Y., assignors to Republic Aviation Corporation. Airplane. 139,729; Dec. 12.
Kasen, Daniel, Newark, N. J. Teething ring or similar article. 139,389; Nov. 7.
Kass, Ruth R., New York, N. Y. Dress. 137,314; Feb. 15.
Katsetos, Christos M., Cincinnati, Ohio. Toy. 138,367; July 25.
Katz, Abraham M., Freeport, N. Y. Coat. 136,982; Jan. 4.
Katz, Abraham M., Freeport, N. Y. Coat. 136,983; Jan. 4.
Katz, Abraham M., Freeport, N. Y. Blouse. 137,141; Jan. 25.
Katz, Abraham M., Freeport, N. Y. Blouse. 137,142; Jan. 25.
Katz, Adolph, Providence, R. I. Brooch or similar article. 137,154; Jan. 25.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch pin. 136,998; Jan. 11.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch pin. 136,999; Jan. 11.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch pin. 137,000; Jan. 11.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch pin. 137,001; Jan. 11.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch pin. 137,002; Jan. 11.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch pin. 137,003; Jan. 11.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch pin. 137,004; Jan. 11.
Katz, Adolph, Providence, R. I. Brooch pin. 137,153; Jan. 25.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 137,333; Feb. 22.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 137,349; Feb. 22.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 137,350; Feb. 22.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 137,351; Feb. 22.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 137,352; Feb. 22.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 137,353; Feb. 22.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 137,354; Feb. 22.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 137,355; Feb. 22.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 137,356; Feb. 22.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 137,461; Mar. 14.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 137,511; Mar. 21.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 137,681; Apr. 18.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch. 137,682; Apr. 18. Apr. 18.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 137,683; Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 137,780; Apr. 25.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 137,781; Apr. 25.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 138,605; Aug. 22.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch. 138,612; Aug. 22.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch. 138,694; Sept. 5.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch pin. 138,957; Oct. 3.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch. 138,958; Oct. 3.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch pin. 138,959; Oct. 3.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch. 138,960; Oct. 3.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch. 138,961; Oct. 3.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch. 139,096; Oct. 10.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch pin. 139,100; Oct. 10.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch pin. 139,250; Oct. 24.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch pin. 139,251; Oct. 24.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch. 139,405; Nov. 14.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch. 139,406; Nov. 14.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch pin. 139,407; Nov. 14.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch pin. 139,408; Nov. 14.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 139,409; Nov. 14.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring. 139,686; Dec. 12.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring. 139,687; Dec. 12.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 139,688; Dec. 12.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 139,689; Dec. 12.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 139,690; Dec. 12.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch. 139,691; Dec. 12.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch. 139,692; Dec. 12.
Katz, Adolph, assignor to Coro, Inc., New York, N. Y. Brooch pin. 139,072; Oct. 10.
Katz, Adolph, assignor to Coro, Inc., New York, N. Y. Brooch pin. 139,073; Oct. 10.
Katz, Adolph, assignor to Coro, Inc., New York, N. Y. Brooch pin. 139,074; Oct. 10.
Katz, Adolph, assignor to Coro, Inc., New York, N. Y. Brooch pin. 139,075; Oct. 10.
Katz, Adolph, assignor to Coro, Inc., New York, N. Y. Separable brooch. 139,101; Oct. 10.
Katz, Adolph, assignor to Coro, Inc., New York, N. Y. Separable brooch. 139,102; Oct. 10.
Katz, William, Brooklyn, assignor to Infantoy Products, Inc., New York, N. Y. Toy or similar article. 138,743; Sept. 5.
Katz, William, Brooklyn, assignor to Infantoy Products, Inc., New York, N. Y. Toy or similar article. 138,965; Oct. 3.
Katzinger, Edward, Company, The. (See Chandler, J. H., and Zimmer, assignors.)
Katzinger, Edward, Company, The. (See Chapman, D., and Chandler, assignors.)
Katzinger, Edward, Company, The. (See Zimmer, Myron I., assignor.)
Kaub, Ottmar, St. Louis, Mo. Moistener. 139,804; Dec. 26.
Kaufman, Sol P., New York, N. Y. Combined lapel watch and picture frame. 138,775; Sept. 12.
Kantenberg, William E., Freeport, Ill. Mop stick. 138,041; June 6.

Keeth, Roy C., McPherson, Kans. Building. 138,650; Aug. 29.
Kegg, Charles W., Huntington, Ind. Tack hammer. 137,915; May 16.
Keith, Marian W., Washington, D. C. Jacket. 137,263; Feb. 8.
Kellar, William D., Newton, Mass. Uniform or similar article. 137,621; Apr. 4.
Keller, Carroll J., Chicago, Ill. Agricultural implement head. 139,367; Nov. 7.
Kelley, John C., New Haven, Conn. Rosary of the stations of the cross. 137,865; May 9.
Kelly, Allan O., Carlsbad, Calif. Airplane. 137,891; May 9.
Kelly, Allan O., Carlsbad, Calif. Airplane. 138,102; June 13.
Kemper, Adolph M., Larchmont, N. Y. Textile fabric. 137,932; May 16.
Kemper, Adolph M., Larchmont, N. Y. Textile fabric. 138,057; June 6.
Kemper, Adolph M., Larchmont, N. Y. Textile fabric. 138,064; June 13.
Kemper, Adolph M., Larchmont, N. Y. Textile fabric. 138,253; July 11.
Kemper, Adolph M., Larchmont, N. Y. Textile fabric. 138,254; July 11.
Kennedy, Lawrence T., Modesto, Calif. Game board. 139,312; Oct. 31.
Ken-Tool Manufacturing Company, The. (See Lydle, John E., assignor.)
Kessler, Mathilda R., Chicago, Ill. Wall protector for electric flush switches. 137,966; May 23.
Kessler, Mathilda R., Chicago, Ill. Wall protector for electric flush switches. 139,368; Nov. 7.
Kilburn, Russell B., Pelham Manor, N. Y., and B. D. Ashbaugh, Mount Gilead, Ohio, assignors to H-P-M Development Corporation, Wilmington, Del. Molding machine. 139,721; Dec. 12.
Kilcup, Daniel D., Portland, Oreg. Coin dispensing device. 137,284; Feb. 15.
Kimble Glass Company. (See Smith, Winfield F., assignor.)
King, Claude H., Detroit, Mich. Mechanic's square. 137,372; Feb. 29.
King, Harold R., Girard, Ohio. Pageless memo-pad holder. 138,852; Sept. 19.
King, Henry K., et al. (See de Waltoff, Samuel A., assignor.)
King, Thomas E., Hartsdale, assignor to Lord & Burnham Company, Irvington, N. Y. Greenhouse. 138,728; Sept. 5.
Kinney Aluminum Company. (See Shaeffer, Norbert, assignor.)
Kinney Aluminum Company. (See Swan, John B., assignor.)
Kinney, John W., Jr., Cincinnati, Ohio. Flashlight. 138,550; Nov. 28.
Kirkland, Joseph T., San Francisco, Calif. Clasp. 137,731; Apr. 25.
Kiser, Fred H., Los Angeles, Calif. Scratch pad holder or similar article. 138,818; Sept. 19.
Klainbard, Isidore, New York, N. Y. Sewing machine feeding attachment for producing spiral stitching. 137,518; Mar. 21.
Klein, Adolf, New York, N. Y. Piano. 137,376; Feb. 29.
Klein, Alexander, New York, N. Y. Ring. 139,666; Dec. 5.
Klein, Alexander, New York, N. Y. Ring. 139,667; Dec. 5.
Klein, Benjamin and G. J., Long Island City, N. Y. Combination calendar and memo book. 138,713; Sept. 5.
Klein, Goldie J. (See Klein, Benjamin and G. J.)
Kleinberg, Harry I., Pittsburgh, Pa. Casserole or similar article. 137,117; Jan. 25.
Kleinberg, Harry I., Pittsburgh, Pa. Service dish or similar article. 137,118; Jan. 25.
Kleinberg, Harry I., Pittsburgh, Pa. Footed casserole or similar article. 137,794; May 2.
Kress, Rush H., New York, N. Y., assignor to S. H. Kress and Company. Display counter. 139,790; Dec. 19.
Kress, S. H., and Company. (See Kress, R. H., assignor.)
Kleven, Samuel L., Augusta, Maine. Shoe or similar article. 138,573; Aug. 22.
Kleven, Samuel L., Augusta, Maine. Shoe or similar article. 138,574; Aug. 22.
Knapp-Monarch Corporation. (See Kochner, W. B., and Ward, assignors.)
Kneedler, George A., Vernon, Tex. Clothespin. 137,974; May 23.
Knight Leather Products, Inc. (See Renz, Emil C., assignor.)
Knoblock, Fred, Waterbury, Conn. Lighting fixture bowl. 139,439; Nov. 14.
Knoblock, Fred, Waterbury, Conn. Lighting fixture bowl. 139,440; Nov. 14.
Knox, Thomas, et al. (See Ayer, R. W., Knox, Thompson, and de Ganahl.)
Koch, Ernest E., Forest Hills, N. Y. Photograph folder. 137,656; Apr. 11.
Koch, Ernest E., Forest Hills, N. Y. Sewing kit. 139,486; Nov. 21.
Koch, Louis A., Upper Saddle River, N. J. Medallion or similar article. 137,745; Apr. 25.
Kochner, William B., St. Louis, Mo., and L. T. Ward, East Orange, N. J., assignors to Knapp-Monarch Company, St. Louis, Mo. Manifold unit for rubber boats or the like. 137,386; Feb. 29.
Kochner, William B., St. Louis, Mo., and L. T. Ward, Newark, N. J., assignors to Knapp-Monarch Company, St. Louis, Mo. Combined gauge and safety valve unit for rubber boats or the like. 138,421; Aug. 1.
Koenig, Edward L., Wilmette, Ill. Chair. 137,214; Feb. 8.
Kohler, Claudia S., Bay St. Louis, Miss. Flowerpot. 136,954; Jan. 4.
Kohlhepp, Allene, Miami, Fla. Two-piece dress. 138,718; Sept. 5.
Kono, Alexander, et al. (See Smith, Edward W., Jr., assignor.)
Kono Manufacturing Company, et al. (See Smith, Edward W., Jr.)
Koppel, Ernst R., assignor to A. O. Smith Corporation, Milwaukee, Wis. Domestic water heater. 137,143; Jan. 25.
Koppel, Ernst R., assignor to A. O. Smith Corporation, Milwaukee, Wis. Domestic water heater. 137,144; Jan. 25.
Koppel, Ernst R., assignor to A. O. Smith Corporation, Milwaukee, Wis. Domestic water heater. 137,145; Jan. 25.
Koret, Joe, San Francisco, Calif. Blouse. 137,452; Mar. 14.
Korotev, Dean H. and J. M., Waukesha, Wis. Urine specimen apparatus. 138,651; Aug. 29.
Korotev, Jane M. (See Korotev, Dean H. and J. M.)
Kotzin, Bernard, Los Angeles, Calif. Face powder compact. 138,199; July 4.
Kouvailis, Theodore P., Chicago, Ill. Coffee straining container. 138,227; July 11.
Kramer, Ferdinand, Port Chester, assignor to Allied Purchasing Corporation, New York, N. Y. Coffee table. 137,684; Apr. 18.
Kramer, Ferdinand, Port Chester, assignor to Allied Purchasing Corporation, F. V. Gerstel, New York, F. Kramer, Port Chester, and P. M. Masur, New York, N. Y. Combined folding stand and serving tray. 138,159; June 27.
Kramer, Melvin L., Hoboken, N. J. Combined watch case and strap therefor. 139,143; Oct. 10.
Kramer, William J., Wauwatosa, Wis. Toy rocker. 139,016; Oct. 3.
Krandall, Jerry, assignor to Abrasive Dressing Tool Company, Detroit, Mich. Diamond dressing toolholder. 138,596; Aug. 22.
Krause, Robert C., Brooklyn, assignor to F. A. Ringler Co., New York, N. Y. Leather or similar article. 138,462; Aug. 8.
Krechman, David, Chicago, Ill. Toy pistol. 138,085; June 13.
Kreisler, Jacques, Manufacturing Corporation. (See Diehl, William, assignor.)
Krieger, Herman, New York, N. Y. Embroidered trimming. 138,376; July 25.
Krieger, Herman, New York, N. Y. Embroidered trimming. 138,377; July 25.
Krieger, Herman, New York, N. Y. Embroidered trimming. 138,540; Aug. 15.
Kritzler, Dan, New York, N. Y. Earring or similar article. 138,299; July 11.
Kritzler, Dan, Bronx, N. Y. Brooch or similar article. 139,289; Oct. 31.
Kronenberg, Seymour B., Birmingham, Ala. Combined fireplace basket and grill. 139,144; Oct. 10.
Kronenwetter, Urban B., St. Mary's, Pa. Smoke stand. 139,473; Nov. 21.
Kuczajda, Frederick, Detroit, Mich. Ring mounting. 138,181; July 4.
Kump, Ernest J., Jr., Atherton, Calif. Cabinet. 139,859; Dec. 26.
Kunen, Ruth, Jamaica, N. Y. Set of chessmen. 137,419; Mar. 7.
Kursh, Herman and S. M. Harris, Cleveland, Ohio. Set of numerals or similar articles. 137,525; Mar. 28.
Kuznetz, Samuel, New York, N. Y. Lady's suit. 137,146; Jan. 25.
Kuznetz, Samuel, New York, N. Y. Lady's suit. 137,147; Jan. 25.
Kuznetz, Samuel, New York, N. Y. Lady's suit. 137,148; Jan. 25.
Kusnets, Samuel, New York, N. Y. Dress. 138,347; July 18.
Kusnets, Samuel, New York, N. Y. Dress. 138,348; July 18.
Kusnets, Samuel, New York, N. Y. Dress. 138,349; July 18.
Kuznetz, Samuel, New York, N. Y. Dress. 138,531; Aug. 15.
Kusnets, Samuel, New York, N. Y. Dress. 139,290; Oct. 31.
Kusnets, Samuel, New York, N. Y. Dress. 139,291; Oct. 31.
Kusnets, Samuel, New York, N. Y. Dress. 139,292; Oct. 31.
La Bounty, Frank. (See Byrd, M. A., and La Bounty.)
Labran, Garrie, New York, N. Y. Bottle or similar article. 138,200; July 4.
Lacey, Roscoe B. (See Siemers, Eric, assignor.)

Lachman, Harry, Beverly Hills, Calif. Serving stand. 137,685; Apr. 18.
LaClair, Norman W., Forest Lake, Minn. Projectile. 138,288; July 11.
Le Foriyes, Frank, Rockford, Ill. Combined chair, ottoman, and hair drier. 139,180; Oct. 17.
Lake, Elsmore D., Oakland, assignor to Langendors United Bakeries, Inc., San Francisco, Calif. Bread wrapping paper. 139,211; Oct. 24.
Lamb, Clyde K., Cleveland, Ohio. Lamp supporting attachment structure for chimneys and the like. 138,473; Aug. 8.
Lamb, Lloyd V., Seattle, Wash. Patriotic photograph mounting card. 138,207; July 4.
Lambert Bros. Jewelers, Inc. (See Lambert, H. L., and Schodlbauer, assignors.)
Lambert, Henry L., and E. Schodlbauer, assignors to Lambert Bros. Jewelers, Inc., New York, N. Y. Bill clip or similar article. 138,396; Aug. 1.
Lampl, Walter, New York, N. Y. Pocket container for pills and the like. 139,383; Nov. 7.
Landau, Sam, New York, N. Y. Slip. 137,622; Apr. 4.
Landau, Sam, New York, N. Y. Slip or similar article. 139,293; Oct. 31.
Landen, Bechard, Ida Grove, Iowa. Draw bar for harrows. 139,151; Oct. 17.
Landerman, John D., Allston, Mass. Heating coil. 139,313; Oct. 31.
Landerman, John D., Allston, Mass. Oil burner boiler. 139,418; Nov. 14.
Landon, William C. (See Landon, W. C., and (Myers, assignor).)
Landon, William C., Washington, D. C., and G. A. Myers, Bethesda, Md.; said Myers assignor to said Landon. Combination picture exhibiting stand and ash tray. 137,177; Feb. 1.
Lane, Arthur W. (See Beach, L. F., Enval, and Lane.)
Lanese, Donald C., assignor to Designers for Industry, Inc., Cleveland, Ohio. Combined baby crib and bassinet. 137,982; May 30.
Lange, Morris, University Heights, Ohio. Draped partition or the like. 139,474; Nov. 21.
Langendors United Bakeries, Inc. (See Lake, Elsmore D., assignor.)
Lanier, Edward M., Newark, N. J. Airplane. 138,350; July 18.
Lanier, Edward M., Newark, N. J. Airplane. 138,351; July 18.
Lapin, Samuel, New York, N. Y. Combination step-ladder, ironing board, table, chair, book and shoe rack, baby's high chair and utility cabinet. 139,708; Dec. 12.
Larkin, Wilbur B., assignor to Butler Manufacturing Company, Kansas City, Mo. Airplane hangar. 139,082; Oct. 10.
Larsen, Olai F., Jr., Demarest, N. J., assignor to Prototype Corporation, New York, N. Y. Military toy truck. 137,106; Jan. 18.
Larsen, Olai F., Jr., Demarest, N. J., assignor to Prototype Corporation, New York, N. Y. Toy tank. 138,729; Sept. 5.
Larson, Oscar, Vallejo, Calif. Saddle rigging. 139,523; Nov. 28.
Larson, Milton H., assignor to L. A. Darling Company, Bronson, Mich. Display stand. 138,819; Sept. 19.
Larson, Milton H., assignor to L. A. Darling Company, Bronson, Mich. Display stand. 138,820; Sept. 19.
Larson, Milton H., assignor to L. A. Darling Company, Bronson, Mich. Display stand. 138,821; Sept. 19.
Laskin, Louis J., Los Angeles, Calif. Denture brush. 139,524; Nov. 28.
Lasko, George A., Toledo, Ohio. Quota chart. 138,029; June 6.
Lasky, Herbert J., New York, N. Y. Key. 139,791; Dec. 19.
Latella, Ignazio, Port Chester, N. Y. Combined floor lamp and display device. 138,020; June 6.
Laughlin, Myron P., Gulfport, Fla. Implement handle. 139,476; Nov. 21.
Laure, George R., assignor to The Upjohn Company, Kalamazoo, Mich. Container for capsules, tablets, or similar articles. 137,512; Mar. 21.
Lavant, Lawrence L. (See Aranoff, K., Lavant, and Arkin.)
Lawrence, Benjamin E., Chicago, Ill. Combined thermometer and barometer or the like. 137,746; Apr. 25.
Lawrence, Benjamin E., Chicago, Ill. Pipe rest. 138,730; Sept. 5.
Lawrence, Benjamin E., Chicago, Ill. Ash tray. 138,731; Sept. 5.
Lawrence, Benjamin E., Chicago, Ill. Cigarette box or the like. 138,744; Sept. 5.
Lawrence, Benjamin E., Chicago, Ill. Plaque wall bracket. 138,845; Sept. 19.
Laye, Florence, New York, N. Y. Dress. 137,185; Feb. 1.
Laylon, Harry L., assignor to Samson United Corporation, Rochester, N. Y. Electric flatiron. 137,335; Feb. 22.
Lazenby, Lloyd P., Atlanta, J. A. Reeves, Hapeville, and W. T. Wayne, assignors to Scripto Manufacturing Company, Atlanta, Ga. Display box. 137,199; Feb. 8.
Leader, Eric S., New York, N. Y. Book reading stand. 139,204; Oct. 17.
Lear Avia, Inc. (See Lear, William P., assignor.)
Lear, William P., assignor to Lear Avia, Inc., Piqua, Ohio. Linear actuator unit for operating movable parts of an airplane or the like. 137,967; May 23.
Lear, William P., assignor to Lear Avia, Inc., Piqua, Ohio. Power unit with limit switch control. 138,289; July 11.
Lear, William P., North Hollywood, Calif., assignor, by mesne assignments, to Reconstruction Finance Corporation, Cleveland, Ohio. Combined electric motor and manually operated drive unit. 138,776; Sept. 12.
Lear, William P., North Hollywood, Calif., assignor, by mesne assignments, to Reconstruction Finance Corporation, Cleveland, Ohio. Manual and motor driving unit with remote position indicator. 139,252; Oct. 24.
Leary, Arthur G., Mount Vernon, N. Y. Pin or similar article. 137,645; Apr. 11.
Leary, Arthur G., Mount Vernon, N. Y. Pin or similar article. 137,747; Apr. 25.
Leary, Arthur G., Mount Vernon, N. Y. Pin or similar article. 138,864; Sept. 19.
Leary, Arthur G., Mount Vernon, N. Y. Pin or similar article. 138,865; Sept. 19.
Leatherman, Harley P., St. Petersburg, Fla. Knee desk. 139,017; Oct. 3.
Leavitt, Max, New York, N. Y. Skirt. 139,359; Nov. 7.
Leavitt, Max, New York, N. Y. Skirt. 139,360; Nov. 7.
Leavitt, Max, New York, N. Y. Skirt. 139,361; Nov. 7.
Le Bourgeois, Roy, New Orleans, La. Button. 139,419; Nov. 14.
Le Claire, Eugene J., assignor to H. J. Joesting, St. Paul, Minn. Cover for pressure cookers or the like. 138,950; Sept. 26.
Le Claire, Eugene J., St. Paul, Minn., assignor to H. F. Joesting. Pressure cooker canning unit. 139,792; Dec. 19.
Ledin, Charles, assignor to Yale & Towne Manufacturing Company, Stamford, Conn. Thumb turn for a door latch. 137,203; Feb. 8.
Ledin, Charles, assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Night latch or similar article. 137,478; Mar. 21.
Ledin, Charles, assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Night latch. 137,539; Mar. 28.
Lee, Bert, Hollywood, assignor to H. E. Barke, Oakland, Calif. Occupant propelled surfboard. 138,753; Sept. 5.
Leeson, William M., Glens Falls, N. Y. Casing for Fourdrinier shake. 137,710; Apr. 18.
Lehman, Eugene C., and L. W. Shirley, Minneapolis, assignors to Brown & Bigelow, St. Paul, Minn. Fish display device or similar article. 137,768; Apr. 25.
Lehmann, Adolph, New York, N. Y. Embroidered textile fabric. 137,254; Feb. 8.
Lehmann, Adolph, New York, N. Y. Embroidered textile fabric. 137,255; Feb. 8.
Lehmann, Adolph, New York, N. Y. Embroidered textile fabric. 137,256; Feb. 8.
Leibold, Leo J. (See Mason, Dale W., assignor.)
Leistner, Hermann. (See Jacobson, R. C., and Leistner.)
Leneman, David, New York, N. Y. Necktie. 137,658; Apr. 11.
Lenhart, Joseph B., Marietta, Ohio. Cooky jar or similar article. 138,998; Oct. 3.
Lenhart, Joseph B., Marietta, Ohio. Cooky jar or similar article. 139,018; Oct. 3.
Lenhart, Joseph B., Marietta, Ohio. Cooky jar or similar article. 139,019; Oct. 3.
Lenhart, Joseph B., Marietta, Ohio. Cooky jar or similar article. 139,020; Oct. 3.
Lenhart, Joseph B., Marietta, Ohio. Cooky jar or similar article. 139,103; Oct. 10.
Lenhart, Joseph B., assignor to American Pottery Company, Inc., Marietta, Ohio. Cookie jar or similar article. 137,119; Jan. 25.
Lenhart, Joseph B., assignor to American Pottery Company, Inc., Marietta, Ohio. Cookie jar or similar article. 137,120; Jan. 25.
Lelong, Lucien, Inc. (See Buckingham, John D., assignor.)
Lenihan, Charles E., assignor to Butler Manufacturing Company, Kansas City, Mo. Receptacle for domestic gas systems. 138,541; Aug. 15.
Leon, Leonardo I., Massapequa, N. Y. Curl clip. 138,901; Sept. 26.
Leonhardt, Clarice L., Miami, Fla. Brooch pin. 139,824; Dec. 26.
Leser, Tina, New York, N. Y. Bathing suit. 137,357; Feb. 22.
Leser, Tina, New York, N. Y. Play suit. 137,362; Feb. 22.
Leser, Tina, New York, N. Y. Bathing suit. 137,782; Apr. 25.
Leser, Tina, New York, N. Y. Skirt. 139,709; Dec. 12.
Leser, Tina, New York, N. Y. Sun-back dress. 139,739; Dec. 12.
Leser, Tina, New York, N. Y. Bathing suit. 139,760; Dec. 19.
Lesiak, Leonard L., and J. H. Shows, Los Angeles, Calif. Tray or similar article. 137,598; Apr. 4.
Lesiak, Leonard L., and J. H. Shows, Los Angeles, Calif. Hand mirror or similar article. 137,795; May 2.
Lester & Co. (See Heineke, Alfred C., assignor.)
Lester, H. P., et al. (See Hodges, V. C., and Smallwood, assignors.)

Leventhal, Leon, New York, N. Y. Coat. 137,156; Jan. 25.
Levetus, Hubert, Montreal, Quebec, Canada. Shoe. 139,610; Dec. 5.
Levin, Julius E., Chicago, Ill. Pipe gauge or similar article. 139,611; Dec. 5.
Levine, Louis C., Brooklyn, N. Y. Handbag. 139,825; Dec. 26.
Levine, Sam. (See Fishberger, I., Weinstein, and Levine.)
Levings, Sherburne D., Winnetka, assignor to The Bastian Blessing Company, Chicago, Ill. Draft arm. 137,589; Apr. 4.
Levitt, Max, New York, N. Y. Woman's jumper. 137,599; Apr. 4.
Levitt, Max, New York, N. Y. Woman's jumper. 137,600; Apr. 4.
Levy, Norman S. (See Goodman, L. A., and Levy.)
Levy, Samuel, New York, N. Y. Deodorant. 137,054; Jan. 18.
Lewis, John A., Upper Montclair, N. J., assignor to General Weaves, Inc., New York, N. Y. Advertising device. 139,398; Nov. 7.
Lewis, Kenneth J., and E. S. Bettinger, San Jose, Calif. Hand duster. 137,134; Jan. 25.
Lewis, Max J., Forest Hills, N. Y. Medallion or similar article. 137,615; Apr. 4.
Lewis, Paul M., assignor of one-half to R. T. Tiedje, Los Angeles, Calif. Descent retarder. 137,155; Jan. 25.
Lewis, Paul M., assignor to R. T. Tiedje, Los Angeles, Calif. Helicopter. 139,021; Oct. 3.
Lewis, Richard C., Winnetka, Ill. Toy. 138,777; Sept. 12.
Libbey-Owens-Ford Glass Company. (See Dieter, Walter G., assignor.)
Libbey-Owens-Ford Glass Company. (See Doner, Halbert C., assignor.)
Lichtenstein, Malvina, Bronx, N. Y. Belt or similar article. 138,617; Aug. 22.
Lieberfield, Albert, assignor to Caron Corporation, New York, N. Y. Bottle or similar article. 137,711; Apr. 18.
Lilly, Thomas R., Roxbury, Conn. Coaming bar. 139,668; Dec. 5.
Lindahl, Stanley E., et al. (See (Burke, J. D., assignor), and Crooks.)
Lindblad, Allan P., Winchester, Mass. Communion cup tray. 138,433; Aug. 8.
Lindbloom, Charles V., Cranford, N. J. Borescope. 138,142; June 27.
Link, Richard A., assignor to The L. A. Young Company, Grand Rapids, Mich. Golf club head. 138,437; Aug. 8.
Link, Richard A., assignor to The L. A. Young Company, Grand Rapids, Mich. Golf club head. 138,438; Aug. 8.
Link, Richard A., assignor to The L. A. Young Company, Grand Rapids, Mich. Golf club head. 138,439; Aug. 8.
Link, Richard A., assignor to The L. A. Young Company, Grand Rapids, Mich. Golf club putter head. 138,440; Aug. 8.
Link, Richard A., assignor to The L. A. Young Company, Grand Rapids, Mich. Golf club head. 138,441; Aug. 8.
Link, Richard A., assignor to The L. A. Young Company, Grand Rapids, Mich. Golf club head. 138,442; Aug. 8.
Lins, Carl G., assignor of one-half to S. R. Walcott, Tuckahoe, N. Y. Marble game board. 138,160; June 27.
Lintern Corporation, The. (See Lintern, William A., assignor.)
Lintern, William A., assignor to The Lintern Corporation, Barea, Ohio. Portable sanding machine. 137,453; Mar. 14.
Lionel Corporation, The. (See Peruggi, Ernesto, assignor.)
Lippincott, Joshua G., Scarsdale, N. Y., assignor to Guth, Stern & Co., Inc. Flashlight or like article. 137,264; Feb. 8.
Lippincott, Joshua G., Scarsdale, N. Y., assignor to Guth, Stern & Co., Inc. Flashlight or like article. 139,441; Nov. 14.
Lippincott, Joshua G., Scarsdale, N. Y., assignor to Guth, Stern & Co., Inc. Flashlight or like article. 139,442; Nov. 14.
Lippincott, Joshua G., Scarsdale, N. Y., assignor to Halophane Company, Inc. Luminaire. 139,443; Nov. 14.
Lippincott, Joshua G., Scarsdale, N. Y., assignor to Halophane Company, Inc. Luminaire. 139,444; Nov. 14.
Lippincott, Joshua G., Scarsdale, N. Y., assignor to Florence Stove Company, Gardner, Mass. Range. 139,487; Nov. 21.
Lippincott, Joshua G., Scarsdale, assignor to Holophane Company, Inc., New York, N. Y. Lighting fixture body. 139,669; Dec. 5.
Lippincott, Joshua G., Scarsdale, assignor to Holophane Company, Inc., New York, N. Y. Ceiling lighting fixture. 139,670; Dec. 5.
Liska, Rudolph, Jr., Chicago, Ill. Bottle. 138,999; Oct. 3.
Litt, Sam, New York, N. Y. Dress. 138,674; Aug. 29.
Litt, Sam, New York, N. Y. Dress. 138,675; Aug. 29.
Litt, Sam, New York, N. Y. Dress. 138,676; Aug. 29.
Litt, Sam, New York, N. Y. Dress. 138,677; Aug. 29.
Littig, John J., Chicago, Ill. Brush for dentures. 139,264; Oct. 24.
Little, John M., Toledo, Ohio, assignor to Manning, Maxwell & Moore, Inc., Muskegon, Mich. Pull chain holst. 138,597; Aug. 22.
Littman, Edward A., Cudahy, Wis. Combined window shade bracket and guide. 139,464; Nov. 21.
Litton, Charles V., Redwood City, Calif., assignor to Federal Telephone and Radio Corporation, Newark, N. J. Electron discharge device. 138,601; Aug. 22.
Liukko, Carl, Tacoma, Wash. Combined knife and pencil. 137,339; Feb. 22.
Ljungkull, Rolf E. (See Potter, K. F., Ljungkull, and Gray.)
Lloyd, Lillian C., Woodside, N. Y. Baby carrier. 137,944; May 23.
Lobel, Rudolph, New York, N. Y. Handbag frame. 139,525; Nov. 28.
Lobel, Rudolph, New York, N. Y. Handbag frame. 139,526; Nov. 28.
Lobel, Rudolph, New York, N. Y. Handbag frame. 139,745; Dec. 19.
Lodeen, Olaf, Hoquiam, Wash. Saw. 137,060; Jan. 18.
Loethen, Edna I. (See Loethen, William H. and E. I.)
Loethen, William H. and E. I., Jefferson City, Mo. Game board or similar article. 139,585; Nov. 28.
Loewy, Raymond, New York, N. Y. Clasp for fountain pen or similar article. 139,551; Nov. 28.
Loewy, Raymond, New York, N. Y., asignor to Eversharp, Inc., Chicago, Ill. Casing for writing implement or the like. 137,866; May 9.
Loewy, Raymond, New York, N. Y., assignor to Eversharp, Inc., Chicago, Ill. Casing for writing implement or the like. 137,867; May 9.
Long, John A., Cambridge, Mass. Photoelectric supervisor. 139,064; Oct. 10.
Long, Milo C., Tiffin, Ohio. Scoop. 137,440; Mar. 14.
Loomis, Aal, Santa Barbara, Calif. Washboard. 138,453; Aug. 8.
Lord & Burnham Company. (See King, Thomas E., assignor.)
Lorens, David M. (See Smith, Travis O., assignor.)
Lornor, Henry W., Cleveland Heights, Ohio. Outdoor grill. 139,230; Oct. 24.
Lotters, Fred H., assignor to Mohawk Brush Company, Albany, N. Y. Hair brush. 137,616; Apr. 4.
Lotters, Fred H., assignor to Mohawk Brush Company, Albany, N. Y. Hairbrush. 137,635; Apr. 11.
Lotus Glass Company, The. (See Hanse, Mathew A., assignor.)
Lowe, Erwin S., New York, N. Y. Game device or similar article. 137,601; Apr. 4.
Lowe, Erwin S., New York, N. Y. Game unit or similar article. 137,602; Apr. 4.
Lozier, Alexander, Los Angeles, Calif. Draftsman's universal template. 137,340; Feb. 22.
Lubow, Bernard, New York, N. Y. Combined magnifying glass and paper weight. 138,678; Aug. 29.
Ludel, William, Brooklyn, N. Y., and E. Goldstein, Brookline, Mass., assignors to L. A. Roselaar, New York, N. Y. Ring box or the like. 138,066; June 13.
Ludowici Celadon Company. (See Chace, Lester M., assignor.)
Ludwig, Louis, New York, N. Y. Electric plug tap. 138,086; June 13.
Lueders, Arthur K., St. Paul, Minn. Snow scooter. 137,306; Feb. 15.
Lukather, Monroe B., Van Nuys, Calif. Combined bottle and cap. 139,761; Dec. 19.
Lustig, Florence, New York, N. Y. Vestee. 138,127; June 20.
Lustig, Leroy F., Shaker Heights, Ohio. Device for holding capsules, pills, and the like. 137,496; Mar. 21.
Lutz, Ernest P., assignor of one-half to J. M. Cowell, Los Angeles, Calif. Toy tank. 138,714; Sept. 5.
Lutze, Burt M., Flint, Mich. Rotary head ventilator for fines or stacks. 138,172; June 27.
Lydle, John E., assignor to The Ken-Tool Manufacturing Company, Akron, Ohio. Tire tool. 139,420; Nov. 14.
Lyman, Roy E., Kansas City, Mo. Toy airplane. 139,314; Oct. 31.
Lynn, Robert M., Pasadena, Calif. Electric switch. 138,161; June 27.
Lyons, William, Lybrook, assignor to William Lyons Novelty Co. Inc., New York, N. Y. Combined cornice, curtain and drapery bracket. 138,321; July 18.
Lyons, William, Novelty Co. Inc. (See Lyons, William, assignor.)
Lytle, Earl J., Los Angeles, Calif. Clothespin. 137,583; Apr. 4.
Mabold Mfg. Co. (See Mason, Dale W.)
Mabrito, Edward J., Richmond, Calif. Discharge uptake for steam boilers. 137,830; May 2.
Macan, Albert L., La Grange, Ill., assignor to General Motors Corporation, Detroit, Mich. Pedestal control valve unit. 137,831; May 2.
MacCart, Raymond D., Warminister, assignor to Brewster Aeronautical Corporation, Johnsville, Pa. Airplane. 137,285; Feb. 15.
Macdonald, George C., Boston, Mass. Match book. 137,983; May 30.
MacDonnell, James S., Denver, Colo. Holder for parking meter change. 138,397; Aug. 1.
Machine Shop Equipment Limited. (See Fuchs, Ernst, assignor.)

Macht, Morris, Baltimore, Md. Drafting instrument. 139,083; Oct. 10.
Madsen, John S., New York, N. Y. Textile fabric or similar article. 137,310; Feb. 15.
Maico Company, Incorporated, The. (See Darr, Harold W., assignor.)
Maiden Form Brassiere Company. (See Bissett, Enid, assignor.)
Maienthau, Heins W., assignor to Sears, Roebuck and Co., Chicago, Ill. Toy book. 137,686; Apr. 18.
Maisch, Jacques E., New York, N. Y. Textile fabric. 137,055; Jan. 18.
Maisch, Jacques E., New York, N. Y. Textile fabric. 137,056; Jan. 18.
Maisch, Jacques E., New York, N. Y. Textile fabric. 137,057; Jan. 18.
Maisch, Jacques E., New York, N. Y. Textile fabric. 137,058; Jan. 18.
Maisch, Jacques E., New York, N. Y. Textile fabric. 137,059; Jan. 18.
Malinowski, Harry A., assignor to The Ellmore Silver Company, Inc., Meriden, Conn. Knife or other article of flatware. 137,377; Feb. 29.
Malinowski, Harry A., assignor to The Ellmore Silver Company, Inc., Meriden, Conn. Pin or similar article. 139,488; Nov. 21.
Mallins, Arnold B., West Hempstead, N. Y. Combined hat and tie rack. 139,262; Oct. 24.
Mallory, P. R., & Co. (See Whitesell, R. O., and Dehn, assignors.)
Manaster, Ben B., assignor of one-half to C. I. Greener, Chicago, Ill. Collar stay. 137,846; May 2.
Mangan, John M., Wilkes-Barre, assignor of one-half to J. Ulevich, Plymouth, Pa. Magnifying glass. 138,516; Aug. 15.
Mangold, Merrill C., Des Moines, Iowa. Toy tommy gun. 137,169; Feb. 1.
Manners, Frank, New York, N. Y. Emblematic badge or similar article. 137,462; Mar. 14.
Manning, Maxwell & Moore, Incorporated. (See Dailey, Donald E., assignor.)
Manning, Maxwell & Moore, Inc. (See Little, John M., assignor.)
Maree, A. Morgan, Jr., et al. (See (Burke, J. D., assignor), and Crooks.)
Mariani, Joy, New York, N. Y. Sewing accessory or similar article. 138,255; July 11.
Marietta Chair Company. (See Nordby, Peter J., assignor.)
Markestein, John. (See Otter, W. D., and Markestein.)
Markestein, John, North Riverside, Ill., assignor to General Motors Corporation, Detroit, Mich. Two-unit locomotive body. 139,022; Oct. 3.
Marks, John C., New York, N. Y. Handbag. 137,228; Feb. 8.
Marks, John C., New York, N. Y. Hat. 137,358; Feb. 22.
Marks, John C., New York, N. Y. Handbag or similar article. 137,378; Feb. 29.
Marks, John C., New York, N. Y. Hat. 137,540; Mar. 28.
Marks, John C., New York, N. Y. Handbag or similar article. 138,097; June 13.
Marsh, George E. (See Trifonoff, Boris, assignor.)
Marshall, Richard B., assignor to Electromaster, Inc., Detroit, Mich. Electric range, or similar article. 138,924; Sept. 26.
Martin, Glenn L., Company, The. (See Brown, Ruth J., assignor.)
Martin, Glenn L., Company, The. (See Turnbull, William J., assignor.)
Martin, Glenn L., Company, The. (See van Zelm, Willem D., assignor.)
Martin, James H., Chicago, Ill. Coupon sorting and dispensing receptacle. 137,479; Mar. 21.
Martin, Joseph, Laurelton, assignor to United States Cabinet Bed Co., Brooklyn, N. Y. Mattress. 139,146; Oct. 10.
Martin, Joseph F., Jr., Detroit, Mich. Game device. 138,378; July 25.
Martin, Walter J., Pittsburgh, Pa. Clothespin. 137,894; May 16.
Mason, Albert F., Morgantown, W. Va. Whiskey glass or similar article. 137,994; May 30.
Mason, Dale W., assignor to L. J. Leibold and himself, co-partners doing business as Mabold Mfg. Co., Lake Villa, Ill. Toy airplane. 138,653; Aug. 29.
Massour Bros., Inc., Ltd. (See Hauptman, Wesley R., assignor.)
Mathews, James E., Albuquerque, N. Mex. Combined tooth powder and tooth brush case. 138,030; June 6.
Mathisson, Clarence A., Chicago, Ill. Combined child's play table and seat or the like. 139,730; Dec. 12.
Matignon, Edmond C., Oakland, Calif. Flower holder. 139,315; Oct. 31.
Matlen, Edward A., Brooklyn, N. Y. Lady's hat. 137,454; Mar. 14.
Matson, Charles H., New York, N. Y. Combined fishing rod butt, harness and reel fastener. 139,320; Oct. 31.
Matthews, Edward, Denver, Colo. Wrench. 138,173; June 27.
Maurette, René G., Beverly, Mass. Fluorescent lighting fixture. 138,162; June 27.
Maxwell, Paul M., Manhasset, N. Y., and W. J. Russy, Jersey City, N. J., assignors to Hat Corporation of America, Norwalk, Conn. Cap. 137,892; May 9.
Maxwell, Paul M., Manhasset, N. Y. and W. J. Russy, Jersey City, N. J., assignors to Hat Corporation of America, Norwalk, Conn. Hat. 138,042; June 6.
Maxwell, Paul M., Manhasset, N. Y., and W. J. Russy, Jersey City, N. J., assignors to Hat Corporation of America, Norwalk, Conn. Cap. 138,745; Sept. 5.
May, Lovell H., St. Paul, Minn. Sandal sole. 138,163; June 27.
Maycen, Othmar F., New York, N. Y. Airplane. 137,667; Apr. 11.
Maycen, Othmar F., New York, N. Y. Airplane. 137,938; May 16.
Maycen, Othmar F., New York, N. Y. Airplane. 139,860; Dec. 26.
Mazur, Paul M., et al. (See Kramer, Ferdinand, assignor.)
McCammon, James N., Dallas, Tex. Wall tile. 138,256; July 11.
McCann, Charles S., assignor to Walker Manufacturing Company of Wisconsin, Racine, Wis. Dolly. 139,552; Nov. 28.
McCann, Charles S., assignor to Walker Manufacturing Company of Wisconsin, Racine, Wis. Dolly. 139,553; Nov. 28.
McCann, Clyde D., Des Moines, Iowa. Light fixture. 138,830; Sept. 19.
McCann, Clyde D., Des Moines, Iowa. Light fixture. 138,831; Sept. 19.
McClintock, Margot K., Solebury, Pa. Dress. 139,115; Oct. 10.
McClintock, Margot K., Solebury, Pa. Dress. 139,116; Oct. 10.
McClintock, Margot K., Solebury, Pa. Dress. 139,117; Oct. 10.
McClintock, Margot K., Solebury, Pa. Dress. 139,118; Oct. 10.
McClintock, Margot K., Solebury, Pa. Dress. 139,119; Oct. 10.
McClintock, Margot K., Solebury, Pa. Dress. 139,120; Oct. 10.
McClintock, Margot K., Solebury, Pa. Dress. 139,121; Oct. 10.
McClintock, Margot K., Solebury, Pa. Dress. 139,122; Oct. 10.
McCord Corporation. (See Springwell, Juan, assignor.)
McCord Radiator & Mfg. Co. (See Springwell, Juan, assignor.)
McCormick, Charles E., Dearborn, Mich. Cigarette tray. 137,513; Mar. 21.
McCoy, Marion, St. Louis, Mo. Dress. 137,748; Apr. 25.
McCoy, Marion, St. Louis, Mo. Dress. 137,769; Apr. 25.
McCoy, Marion, St. Louis, Mo. Dress. 137,770; Apr. 25.
McCoy, Marion, St. Louis, Mo. Dress. 137,771; Apr. 25.
McCoy, Marion, St. Louis, Mo. Dress. 137,772; Apr. 25.
McCoy, Marion, St. Louis, Mo. Dress. 137,773; Apr. 25.
McCoy, Marion, St. Louis, Mo. Belt or similar article. 137,837; May 2.
McCoy, Marion, St. Louis, Mo. Dress. 137,854; May 2.
McCoy, Marion, St. Louis, Mo. Dress. 137,855; May 2.
McCoy, Marion, St. Louis, Mo. Dress. 137,856; May 2.
McCoy, Marion, St. Louis, Mo. Dress. 137,857; May 2.
McCoy, Marion, St. Louis, Mo. Dress. 137,858; May 2.
McCoy, Marion, St. Louis, Mo. Dress. 139,107; Oct. 10.
McCoy, Marion, St. Louis, Mo. Dress. 139,108; Oct. 10.
McCoy, Marion, St. Louis, Mo. Dress. 139,109; Oct. 10.
McCoy, Marion, St. Louis, Mo. Dress. 139,110; Oct. 10.
McCoy, Marion, St. Louis, Mo. Dress. 139,111; Oct. 10.
McCoy, Marion, St. Louis, Mo. Dress. 139,112; Oct. 10.
McCoy, Marion, St. Louis, Mo. Dress ensemble. 139,113; Oct. 10.
McCoy, Marion, St. Louis, Mo. Suit. 139,114; Oct. 10.
McCray Refrigerator Company. (See Greiling, David J., assignor.)
McCray Refrigerator Company. (See Timmis, Hari C., assignor.)
McCullough, Catherine M., Miami, Fla. Figurine. 139,084; Oct. 10.
McCullough, Catherine M., Miami, Fla., Figurine. 139,085; Oct. 10.
McCullough, Jack A. (See Eitel, W. W., and McCullough.)
McDonald, Edward F., Buffalo, N. Y. Cigar and cigarette rest for ash trays. 138,058; June 6.
McFadden, Ross, Hollywood, Calif. Hair curler. 137,090; Jan. 18.
McFarlane, John, Trenton, N. J. Combination salt and pepper dispenser. 137,269; Feb. 15.
McGill Manufacturing Company. (See Popp, Rudolf, assignor.)
McGrath, William P., assignor of one-fourth to B. J. Woodard, Wadsworth, Kans. Game board. 137,838; May 2.
McGregor, William G., Corpus Christi, Tex. Badge or similar article. 138,654; Aug. 29.
McHale, William A., Glen Rock, N. J., assignor to Gemex Company. Bracelet. 139,793; Dec. 19.
McKee Glass Company. (See Poglein, Louis, assignor.)
McLarn, Ernest S., Manhasset, assignor to International Standard Electric Corporation, New York, N. Y. Telephone handset. 137,984; May 30.

McLarn, Ernest S., Manhasset, and C. A. Duran, Brooklyn, assignors to International Standard Electric Corporation, New York, N. Y. Telephone desk stand. 138,679; Aug. 29.
McLaughlin, Edward J., New York, N. Y. Textile fabric. 137,753; Apr. 25.
McLaughlin, Edward J., New York, N. Y. Textile fabric. 137,839; May 2.
McLelland, William H., Mansfield, Ohio, and E. J. Ajax, assignors to Industrial Tool & Die Works, Inc., Minneapolis, Minn. Electric iron. 139,040; Oct. 10.
McMahan, Valrie E., Burlingame, Calif. Doll. 139,465; Nov. 21.
McMyler, Walter, Los Angeles, Calif. Beach sandal or similar article. 137,294; Feb. 15.
Medgyes, Ladislas, assignor to Helena Rubinstein, Inc., New York, N. Y. Box or similar article. 138,132; June 20.
Mee, Samuel N. S., and F. J. Toone, assignors to Parmeko Limited, Aylestone Park, Leicester, England. Loudspeaker. 137,603; Apr. 4.
Mehlman, Leonard R., Chagrin Falls, assignor, by mesne assignments, to Jack & Heintz, Inc., Cleveland, Ohio. Air gauge. 139,023; Oct. 3.
Mellicks, Conrad C., Chicago, Ill. Visible reference holder. 136,975; Jan. 4.
Melichar, Joseph F., assignor to The Parker Appliance Company, Cleveland, Ohio. Actuator handle. 138,322; July 18.
Melichar, Joseph F., assignor to The Parker Appliance Company, Cleveland, Ohio. Valve. 138,323; July 18.
Mellor, Wilber L., Johnson County, Kans. Ice cracking bag. 137,061; Jan. 16.
Meloche, Gladys. (See Scott, C. L., Shelby, Carney, and Meloche.)
Meltzer, Jack, New York, N. Y. Sandal or similar article. 138,169; June 27.
Meltzer, Jack, New York, N. Y. Sandal or similar article. 138,517; Aug. 15.
Melvyn, Melvin E., Los Angeles, Calif. High chair. 139,104; Oct. 10.
Mercer, Warren H., Anaheim, Calif. Game device. 137,307; Feb. 15.
Merralls, Judith M. G., West Los Angeles, assignor to C. E. P. Guerra, Hollywood, Calif. Bottle or similar article of manufacture. 138,602; Aug. 22.
Merrill, Virginia A., New York, and N. S. Terry, Freeport, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telecommunication substation set. 138,474; Aug. 8.
Meters & Pumps, Inc. (See Von Cseh, Louis L., assignor.)
Met-L-Top Tables Inc. (See Brown, Stanley J., assignor.)
Metropolis Bending Company. (See Puls, A. E., and Swenson, assignors.)
Metsler, Charles L. (See Schladermundt, P., and Metsler.)
Meyer, Carl X., assignor to Day-Brite Lighting, Inc., St. Louis, Mo. Louvered fluorescent lighting fixture. 139,000; Oct. 3.
Meyer, Carl X., assignor to Day-Brite Lighting, Inc., St. Louis, Mo. End cap for a fluorescent lighting fixture. 139,001; Oct. 3.
Meyers, Charles, New York, N. Y. Wallet. 137,556; Mar. 28.
Meyers, Charles, New York, N. Y. Wallet. 137,868; May 9.
Meyers, Charles, New York, N. Y. Wallet. 137,869; May 9.
Meyers, Charles, New York, N. Y. Wallet. 137,870; May 9.
Meyers, Charles, New York, N. Y. Wallet. 139,294; Oct. 31.
Meyers, Charles, New York, N. Y. Wallet. 139,429; Nov. 14.
Miano, Joseph E., New York, N. Y. Package handle or similar article. 137,712; Apr. 18.
Miano, Joseph E., New York, N. Y. Toy. 138,966; Oct. 3.
Michelis, Marcel, assignor to Pinaud Incorporated, New York, N. Y. Display card. 137,480; Mar. 21.
Micotto, Vincent J. (See Flesh, E. M., and Micotto.)
Micro Switch Corporation. (See Kaminky, Oscar H., assignor.)
Micro Switch Corporation. (See Ransome, Stafford G., assignor.)
Midland Steel Products Company, The. (See Helmuth, Louis W., Sr., assignor.)
Mielens, Emden O., Chicago, Ill. Telephone. 138,951; Sept. 26.
Mielke, Gretchen, assignor to Fibro Container Corporation, Minneapolis, Minn. Toy. 138,324; July 18.
Miles, John E., West Englewood, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Binocular or the like. 137,441; Mar. 14.
Milkmaid Inc. (See Stengren, Jon, assignor.)
Miller, Burke, Kansas City, Mo. Child's swing seat. 137,811; May 2.
Miller, Burke, Kansas City, Mo. Radial arm saw. 139,476; Nov. 21.
Miller, Harland N., Bowling Green, Mo. Can opener. 139,065; Oct. 10.
Miller, Jacob H., Cresson, Pa. Figure toy. 138,087; June 13.
Miller, Herbert L., Wichita, Kans. Violin or similar article. 139,861; Dec. 26.
Miller Meters, Inc. (See Nelson, Ernest V., assignor.)
Miller, Norman P., West Los Angeles, Calif. Separating container. 137,617; Apr. 4.
Miller, Tobias, Washington, D. C. Device for training in cooperation and coordination. 138,214; July 4.
Miller, Walter L., McGregor, Iowa. Electrical connector. 138,532; Aug. 15.
Millington, William, assignor to Baker Furniture, Inc., Grand Rapids, Mich. Bedstead end frame. 139,253; Oct. 24.
Mills, Roy E., Des Moines, Iowa. Toy rocking horse. 136,955; Jan. 4.
Millstein, Jacob H., Jeannette, Pa. Glass candy container. 137,393; Feb. 29.
Millstein, Jacob H., Jeannette, Pa. Toy glass airplane for candy pellets. 138,778; Sept. 12.
Milnar, Charles. (See Stoddard, R. J., Niessen, and Milnar.)
Minchenberg, David, New York, N. Y. Dress. 138,215; July 4.
Minchenberg, David, New York, N. Y. Dress. 138,262; July 11.
Minet, Valere L., Geneva, N. Y. Sign. 138,182; July 4.
Mintz, Robert, New York, N. Y. Slipper. 137,062; Jan. 18.
Mirsky, Sara, New York, N. Y. Dickey. 139,554; Nov. 28.
Mitchell, Alex A., Portland, Oreg. Bathing suit or similar article. 138,422; Aug. 1.
Mitchell, Nathan, New York, N. Y. Shoe. 139,192; Oct. 17.
Mitchell, Norman D., Chicago, Ill. Picture album. 137,732; Apr. 25.
Moblo, Myrtle. (See Moblo, Ray R., and M.)
Boblo, Ray R. and M., Bellingham, Wash. Artificial fish bait. 138,088; June 13.
Mock, Charles L., Newark, Ohio. Lawn swing or similar article. 139,181; Oct. 17.
Moeller, Henry H., Omaha, Nebr. Tool handle. 138,655; Aug. 29.
Mogabgab, Anice, New York, N. Y. Handkerchief or similar article. 138,903; Sept. 26.
Mogabgab, Winifred S. New York, N. Y. Handkerchief or similar article. 138,902; Sept. 26.
Moglen, Maxwell D., New York, N. Y. Picture frame. 137,497; Mar. 21.
Moglen, Maxwell D., New York, N. Y. Picture frame. 137,498; Mar. 21.
Mohawk Brush Company. (See Lotters, Fred H., assignor.)
Monroe, Frank L., White Plains, N. Y. Dehydrator for fruits, vegetables, or the like. 137,659; Apr. 11.
Monson, Joseph H., Denver, Colo. Cover for trash cans. 138,542; Aug. 15.
Montague, Renee B., New York, N. Y. Slipper. 138,680; Aug. 29.
Montgomery Ward & Co. (See Duffy, Tom, assignor.)
Montgomery Ward & Co. (See Swainson, Anne, assignor.)
Moor, Dudley W., Jr., et al. (See Perry, Archie N., assignor.)
Moore, Julian M., West Hartford, assignor to The Silex Company, Hartford, Conn. Handle for coffee makers. 139,489; Nov. 21.
Moore, Sidney A., assignor to The Prime Manufacturing Company, Milwaukee, Wis. Electric fence tester. 137,713; Apr. 18.
Moore, Vernon, Catonsville, Md., assignor to Bendix Aviation Corporation, New York, N. Y. Inductor housing. 137,250; Feb. 8.
Morando, Emanual R., New York, N. Y. Combination baby's high and sleeping chair. 138,067; June 13.
Morando, Emanuel R., New York, N. Y. Combined service tray and lamp table. 138,252; July 11.
Morando, Emanuel R., New York, N. Y. Combined toilet and medicine cabinet for invalids. 139,024; Oct. 3.
Morehead, James A., Huntington, assignor to Sinclair Glass Company, Ceredo, W. Va. Picture frame. 137,475; Mar. 14.
Morehead, James A., Huntington, assignor to Sinclair Glass Company, Ceredo, W. Va. Combined paper weight and photograph mount. 138,560; Aug. 22.
Morehouse, Eugene M., Tujunga, Calif., assignor to Adel Precision Products Corp. Tool for installing conduit clips. 137,035; Jan. 11.
Morley, Charles E., Detroit, Mich. Combination kitchen stool and stepladder. 138,620; Aug. 29.
Morrey, Katherine H., Chicago, Ill. Combination baby bath table and dressing stand. 137,736; Apr. 25.
Morris, Harry, Chicago, Ill. Pin or similar article. 137,774; Apr. 25.
Morris, Harry, Chicago, Ill. Earring or similar article. 137,871; May 9.
Morris, Harry, Chicago, Ill. Lapel ornament or similar article. 137,997; May 30.
Morris, Harry, Chicago, Ill. Compact or similar article. 138,598; Aug. 22.
Morris, Harry, Chicago, Ill. Handbag. 139,076; Oct. 10.
Morris, Harry, Chicago, Ill. Compact. 139,425; Nov. 14.
Morris, Leslie, New York, N. Y. Coat. 134,956; Jan. 4.
Morris, Leslie, New York, N. Y. Coat. 134,957; Jan. 4.

Morris, Leslie, New York, N. Y. Dress. 136,990; Jan. 4.
Morris, Leslie, New York, N. Y. Dress. 136,991; Jan. 4.
Morris, Leslie, New York, N. Y. Dress. 136,992; Jan. 4.
Morris, Leslie, New York, N. Y. Dress. 136,993; Jan. 4.
Morris, Leslie, New York, N. Y. Dress. 136,994; Jan. 4.
Morris, Leslie, New York, N. Y. Dress ensemble. 136,995; Jan. 4.
Morris, Leslie, New York, N. Y. Suit. 137,005; Jan. 11.
Morris, Nathan K., Asbury Park, N. J. Combination vegetable peeler, fruit corer, and grapefruit sectionizer. 137,687; Apr. 18.
Morris, Nathan K., Asbury Park, N. J. Combination grater, shredder, and cutter. 137,796; May 2.
Morrison, Nancy G., Los Angeles, Calif. Combination make-up and cigarette box. 139,041; Oct. 10.
Moses, Jean, New York, N. Y. Bond folder or the like. 137,363; Feb. 22.
Moss, Hermon, and J. N. Rosenthal, Los Angeles, Calif. Safety goggles. 138,889; Sept. 26.
Mossberg, Harold F., assignor to O. F. Mossberg & Sons, Inc., New Haven, Conn. Rear sight for firearms. 136,423; Aug. 1.
Mossberg, Harold F., assignor to O. F. Mossberg & Sons, Inc., New Haven, Conn. Bolt operating handle for firearms. 139,328; Oct. 31.
Mossberg, O. F., & Sons, Inc. (See Mossberg, Harold F., assignor.)
Most, John E., Detroit, Mich. Clothespin. 138,379; July 25.
Motley, Robert L., Dayton, Ohio. Back comb. 137,784; Apr. 25.
Motley, Robert L., Dayton, Ohio, assignor of fifty per cent to J. W. Dickerson, Newark, N. J. Comb. 139,693; Dec. 12.
Mrasek, Rudolph, Robstown, Tex. Knife. 137,916; May 16.
Mudge, Raymond, Detroit, Mich. Cap for milk bottles. 139,762; Dec. 19.
Muecke, Ray M., Wilmington, assignor to The Progressive Advertising Co., New Hanover, N. C. Outdoor display board. 137,604; Apr. 4.
Muehsam, Eduard, Staten Island, N. Y. Badge. 137,341; Feb. 22.
Mueller, Arthur W., Newton, assignor to The Frick-Gallagher Manufacturing Co., Wellston, Ohio. Drawer unit for rotary storage bins. 139,710; Dec. 12.
Muller-Munk, Peter, Pittsburgh, Pa., assignor to Sargent & Company, New Haven, Conn. Padlock. 137,274; Feb. 15.
Muller-Munk, Peter, Pittsburgh, Pa., assignor to Sargent & Company, New Haven, Conn. Padlock. 137,275; Feb. 15.
Muller-Munk, Peter, Pittsburgh, Pa., assignor to Sargent & Company, New Haven, Conn. Padlock. 137,276; Feb. 15.
Muller-Munk, Peter, Pittsburgh, Pa., assignor to Sargent & Company, New Haven, Conn. Padlock. 137,277; Feb. 15.
Muller-Munk, Peter, Pittsburgh, Pa., assignor to Sargent & Company, New Haven, Conn. Padlock. 137,278; Feb. 15.
Muller-Munk, Peter, Pittsburgh, Pa., assignor to Sargent & Company, New Haven, Conn. Padlock. 137,364; Feb. 22.
Muller, Theodor C., and J. B. Wismer, New York, N. Y. Textile fabric or similar article. 137,379; Feb. 29.
Mullett, Howard G., Whitefish Bay, assignor to Bradley Washfountain Co., Milwaukee, Wis. Container for soap dispensers. 137,985; May 30.
Mullineaux, Myrtle L., Mount Airy, Md. Flower holder or similar article. 139,212; Oct. 24.
Mullins, James C. St. Petersburg, Fla. Badge or similar article. 137,027; Jan. 11.
Murphy, William H., Chicago, Ill. Drafting apparatus. 137,749; Apr. 25.
Murray Corporation of America. (See Trombley, Bertrand N., assignor.)
Murray, Despot. (See Walker, C. F., and Murray.)
Musselman, Henry E., and W. H. Buck, Kalamazoo, Mich. Token dispenser. 138,746; Sept. 5.
Mustain, Samuel J., Newark, N. J. Rake. 139,193; Oct. 17.
Mutch, James B., assignor to Schelter Last Co., Inc., Rochester, N. Y. Shoe tree. 137,872; May 9.
Myers, Charles L., Vineland, N. J. Game device. 137,420; Mar. 7.
Myers, George A. (See Landon, W. C., and Myers.)
Myers, George F., Jackson Heights, N. Y. Amphibian tank or similar article. 137,812; May 2.
Myers, Lewis, Providence, and Emil H. Gartner, Edgewood, R. I. Golf club head. 138,380; July 25.
Nachman, Jack. (See Nachman, Joseph and J.)
Nachman, Joseph and J., Philadelphia, Pa. Apron. 137,425; Mar. 7.
Nachman, Joseph and J., Philadelphia, Pa. Apron. 137,426; Mar. 7.
Nachman, Joseph and J., Philadelphia, Pa. Apron. 137,427; Mar. 7.
Nachman, Joseph and J., Philadelphia, Pa. Apron. 137,428; Mar. 7.
Nachman, Joseph and J., Philadelphia, Pa. Apron 137,926; May 16.
Nachman, Joseph and J., Philadelphia, Pa. Apron. 137,927; May 16.
Nachman, Joseph and J., Philadelphia, Pa. Apron. 138,128; June 20.
Naddeo, Rocco J., Brooklyn, N. Y. Separable cigarette holder. 137,463; Mar. 14.
Nardone, Romeo, M., Westwood, assignor to Bendix Aviation Corporation, Bendix, N. J. Gear box for aircraft engine starters. 138,216; July 4.
Nash, Daniel J., New York, N. Y. Combined coin and key purse or similar article. 139,763; Dec. 19.
Nathan, Emanuel, Maplewood, N. J. Spectacle case or similar article. 139,826; Dec. 26.
Nathan Manufacturing Company. (See Folke, Bengt E., assignor.)
National Die Casting Company. (See Johnson, Herbert C., assignor.)
National Lock Company. (See North, E. W., and Stone, assignors.)
National Lock Company. (See Stone, Roy A., assignor.)
National Lock Company. (See Stone, R. A., and Carlson, assignors.)
National Maritime Union of America. (See Stone, Murray H., assignor.)
National Mineral Company, The. (See Pollack, Leon, assignor.)
National Silver Company. (See Greene, Frederick E., assignor.)
National Silver Company. (See Brokate, John, assignor.)
National Silver Company. (See Vitolo, Philip, assignor.)
Naugle, Olaf C., Marion, Ind. Hunting knife. 137,410; Mar. 7.
Nedblake, Greydon W., and R. H. Nordeen, North Kansas City, Mo. Tape dispenser. 137,464; Mar. 14.
Needham, Edward F., Alhambra, Calif. Cigarette holder. 137,933; May 16.
Neff, Harry A., Bellaire, assignor to The Belmont Casket Manufacturing Company, Columbus, Ohio. Burial casket or similar article. 138,656; Aug. 29.
Negbaur, Harry, New York, N. Y. Cigarette lighter. 138,089; June 13.
Negbaur, Harry, New York, N. Y. Cigarette lighter. 138,098; June 13.
Nellis, Le Roy J., Elyria, Ohio. Electrode holder. 138,408; Aug. 1.
Nelson, Ernest V., Clarendon Hills, assignor to Miller Meters, Inc., Chicago, Ill. Parking meter housing or similar article. 138,681; Aug. 29.
Nelson, Fred H., and F. D. Potts, San Francisco, Calif. Hair dye applicator unit. 137,637; Apr. 11.
Neuberg, Earl R. (See Epstein, C., and Neuberg.)
New Enterprises, et al. (See Flynt, Robert C., assignor.)
Newall, John K., Aurora, Ill. Stock tank heater. 138,554; Aug. 15.
Newhall, Thomas. Lower Merion Township, Montgomery County, Pa. Scarecrow. 137,750; Apr. 25.
Newlon, John S., Nevada, Mo. Burial casket for pet animals or similar article. 138,201; July 4.
Newport, Margaret, Long Beach, assignor to Bullock's, Inc., Los Angeles, Calif. Tablecloth or similar article. 138,008; May 30.
Newsome, Howard P. G., New Orleans, La. Golf club head. 137,813; May 2.
Newsome, Howard P. G., New Orleans, La. Golf club head. 137,814; May 2.
Newsome, Howard, P. G., New Orleans, La. Golf club head. 137,815; May 2.
Newsome, Howard P. G., New Orleans, La. Golf club head. 137,816; May 2.
Newton, James E., Little Compton, R. I. Combined holder for smoker's articles and memorandum accessories. 138,090; June 13.
Nicholas, Ifor R., Los Angeles, Calif. Magnetic locating tool or similar article. 137,886; May 9.
Nicoud, Cornelius S., Highland Park, Ill., assignor to Nicoud Manufacturing Company. Hand operated generator flashlight. 137,394; Feb. 29.
Nicoud Manufacturing Company. (See Nicoud, Cornelius S., assignor.)
Niedermeyer, Joseph, Milwaukee. Sash weight suspension pulley cover. 139,805; Dec. 26.
Nielsen, Clayton P., Chicago, Ill. Arc welding device. 137,465; Mar. 14.
Niessen, William. (See Stoddard, R. J., Niessen, and Milnar.)
Nineteen Hundred Corporation. (See Geldhof, Peter E., assignor.)
Nisenson, Jules, assignor to Publix Metal Products, Inc., New York, N. Y. Venetian blind cord lock. 138,715; Sept. 5.
Nordby, Peter J., assignor to Marietta Chair Company, Marietta, Ohio. Swivel chair. 137,204; Feb. 8.
Nordby, Peter J., assignor to Marietta Chair Company, Marietta, Ohio. High chair tray. 137,442; Mar. 14.
Nordeen, Ray H. (See Nedblake, G. H., and Nordeen.)
Norman, Kelso, San Francisco, Calif. Electric soldering iron. 137,986; May 30.
North, Edwin W., and R. A. Stone, assignors to National Lock Company, Rockford, Ill. Furniture handle. 138,904; Sept. 26.
North American Press, The. (See Brumder, Edward J., assignor.)
Norton, Beatrice S., Los Angeles, Calif. Eyeglasses. 139,613; Dec. 5.

Norton, Beatrice S., Los Angeles, Calif. Comb. 138,984; Oct. 3.
Norton, Murray R., Birmingham, Ala. Lady's handbag. 139,612; Dec. 5.
Novelart Manufacturing Company. (See von Hartmann, Evelyn, assignor.)
Novick, William, Brooklyn, N. Y. Covered eyelet button 137,584; Apr. 4.
Nudelman, Eoina, Chicago, Ill. Toy erector block. 138,228; July 11.
Nudelman, Eoina, Chicago, Ill. Toy animal block. 138,229; July 11.
Nudelman, Eoina, Chicago, Ill. Infant's suspension bar toy. 138,230; July 11.
Nudelman, Eoina, Chicago, Ill. Baby rattle. 139,087; Oct. 10.
Nudelman, Eoina, Chicago, Ill. Baby rattle. 139,088; Oct. 10.
Nudelman, Eoina, Chicago, Ill. Cradle toy. 139,595; Dec. 5.
Nudelman, Eoina, Chicago, Ill. Set of toy animal blocks. 139,806; Dec. 26.
Nudelman, Irving J., Chicago, Ill. Cup holder. 139,295; Oct. 31.
Nussbaum, Seth T., Indianapolis, Ind. Pocket comb. 137,321; Feb. 22.
O. B. Rubber Welding System. (See French, Elby E., assignor.)
O'Brien, Elizabeth, Davenport, Iowa. Cleaning bucket. 139,569; Nov. 28.
Ochs, Alfred, New York, N. Y. Foldable miniature cardboard shrine. 138,822; Sept. 19.
Ochs, Alfred, New York, N. Y. Foldable minature Christmas crib. 139,213; Oct. 24.
O'Connell, James L., and J. H. Thiery, Oakland, Calif. Cup holder. 137,129; Jan. 25.
O'Donnell, Thomas M., New York, N. Y. Sheet of wallpaper or the like. 138,001; May 30.
Oelrich, Robert T., Chicago, Ill. Case for meters or similar article. 139,694; Dec. 12.
Oehrle, Walter, Pelham, assignor to The Borden Company, New York, N. Y. Cookie jar or similar article. 137,636; Apr. 11.
Ohio China Company. (See Gale, Kenneth M., assignor.)
Ohio Leather Company, The. (See Becker, F. H., and Peabody, assignors.)
O'Kane, Leo J., Bayonne, N. J. Automobile. 139,452; Nov. 14.
Olson, August A., Bremerton, Wash. Play house. 139,399; Nov. 7.
Olson, August A., Bremerton, Wash. Play barn. 139,527; Nov. 28.
Olszewski, Edward, Detroit, Mich. Display stand for illustrated postal cards. 137,229; Feb. 8.
Olszewski, Edward, Detroit, Mich. Display stand for illustrated postal cards. 138,208; July 4.
O'Malley, Charles E., and J. W. Runyon, Los Angeles, Calif. Pin or similar article of manufacture. 138,002; May 30.
Omirelis, Miltiades, New York, N. Y. Lighter. 139,555; Nov. 28.
O'Neal, Walter M., Grass Valley, Calif. Garment supporter. 137,968; May 23.
Ordent, Alex, Milwaukee, Wis. Gardenia mount. 138,921; Sept. 26.
Orkin, Samuel, assignor to Harvey Machine Co., Inc., Los Angeles, Calif. Box. 138,611; Aug. 22.
Ornstein, Miriam L., New Rochelle, N. Y. Combination bill clip and coin holder or the like. 138,985; Oct. 3.
Orsett, Coy, Boston, Mass. Automobile spring shackle. 138,682; Aug. 29.
Orsett, Coy, Boston, Mass. Cultivator. 138,846; Sept. 19.
Orsett, Coy, Boston, Mass. Propeller. 138,866; Sept. 19.
Orsett, Coy, Boston, Mass. Cultivator. 139,528; Nov. 28.
Orta, Enrique, Chicago, Ill. Banneret. 137,130; Jan. 25.
Osborn, Charles L., Cheyenne, Wyo. Picnic fork. 138,732; Sept. 5.
Osborn, Cleo A., Alexandria, Va., assignor to Felch & Co., Providence, R. I. Insignia pin. 137,917; May 16.
Osburn, Myron E., Enid, Okla. Combination violin bridge and tail piece. 139,570; Nov. 28.
Oserof, Louis, Cleveland Heights, Ohio. Stocking. 139,477; Nov. 21.
Ostrander, Robert K., South Orange, N. J., assignor to Badger Cut Outs, Inc., Maspeth, Long Island, N. Y. Puppet toy. 138,290; July 11.
Ostrander, Robert K., South Orange, N. J., assignor to Badger Cut Outs, Inc., Maspeth, Long Island, N. Y. Puppet toy. 138,291; July 11.
Ostrander, Robert K., South Orange, N. J., assignor to Badger Cut Outs, Inc., Maspeth, Long Island, N. Y. Puppet toy. 138,292; July 11.
Ostrander, Robert K., South Orange, N. J., assignor to Badger Cut Outs, Inc., Maspeth, Long Island, N. Y. Puppet toy. 138,293; July 11.
Ostrander, Robert K., South Orange, N. J., assignor to Badger Cut Outs, Inc., Maspeth, Long Island, N. Y. Puppet, toy. 138,294; July 11.
Ostrin, Alvin H., Charleston, W. Va. Baby's nursing bottle or similar article. 136,976; Jan. 4.
Ostrin, Alvin H., and L. Borstein, Charleston, W. Va. Nursing unit. 138,925; Sept. 26.
Otter, William D., Oak Park, and J. Markestein, North Riverside, Ill., assignors to General Motors Corporation, Detroit, Mich. Two-unit locomotive body. 137,785; Apr. 25.
Otto, Ferdinand P., assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth. 138,267; July 11.
Otto, Ferdinand P., assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth. 138,268; July 11.
Otto, Ferdinand P., assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth. 138,269; July 11.
Ouellet, Albert F., New York, N. Y. Combined watch and mirror. 137,270; Feb. 15.
Oxford University Press, New York, Inc. (See Cirlin, Edgard, assignor.)
Oxhandler, Samuel, Flushing, N. Y., assignor to Sargent & Company, New Haven, Conn. Carpenter's plane. 137,230; Feb. 8.
Oxhandler, Samuel, Flushing, N. Y., assignor to Sargent & Company, New Haven, Conn. Case for a door lock. 137,295; Feb. 15.
Oxhandler, Samuel, Flushing, N. Y., assignor to Sargent & Company, New Haven, Conn. Case for a door lock. 137,342; Feb. 22.
Pabst, Walter W., Elizabeth, N. J. Conveyer. 139,042; Oct. 10.
Packer, Charles S., assignor to Justrite Manufacturing Company, Chicago, Ill. Flashlight. 137,296; Feb. 15.
Page, George A., Jr., Creve Coeur, Mo., assignor to Curtiss-Wright Corporation. Airplane. 137,623; Apr. 4.
Page, Herbert E., Alhambra, Calif. Hydraulic jack. 139,341; Nov. 7.
Page, Lewis C., Wakefield, assignor to Bugbee and Niles Company, North Attleboro, Mass. Link for an expansible bracelet or similar article. 138,043; June 6.
Paige, Fred O., Philadelphia, Pa. Game board. 137,786; Apr. 25.
Palliser, Leonard, New York, N. Y. Bill clip or similar article. 138,424; Aug. 1.
Palmieri, John, New York, N. Y. Stick for spinning ball. 137,873; May 9.
Pannhausen, John, Oak Park, and C. A. Raabe, Chicago, Ill. Infant's commode. 139,711; Dec. 12.
Papkin, David, assignor to Sargent & Company, New Haven, Conn. Padlock. 137,028; Jan. 11.
Pappert, Emanuel, Flushing, N. Y. Spectacle frame or similar article. 137,481; Mar. 21.
Pappert, Emanuel, Flushing, N. Y. Spectacle frame or similar article. 138,823; Sept. 19.
Parfums Schiaparelli, Inc. (See Scott, Herbert S., assignor.)
Park, Malcolm S., Mount Kisco, N. Y., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine. 139,712; Dec. 12.
Park, Tracy S., Houston, Tex. Putter head. 138,809; Sept. 19.
Parker Appliance Company, The. (See Melichar, Joseph F., assignor.)
Parker, Samuel E., Dunkirk, Ind. Combined insignia easel picture frame and advertising mount. 138,747; Sept 5.
Parkin, Gates F., and L. A. Brown, assignors to International Silver Company, Meriden, Conn. Hand wheel for valves and the like. 137,737; Apr. 25.
Parmeko Limited. (See Mee, S. N. S., and Toone, assignors.)
Partridge, Charles P., Richmond, Calif. Sign or the like. 137,874; May 9.
Pate, Charles A., Lufkin, Tex. Head for a wrecking tool or the like. 137,063; Jan. 18.
Patner, Saul, Chicago, Ill. Coaster wagon or similar article. 137,962; May 23.
Paton, James B. (See Chandler, F. J., and Paton.)
Pattern, Wilbert H., Trenton, N. J. Combined valve seat and overflow pipe. 138,613; Aug. 22.
Paul, Raymond, Chicago, Ill. Game board. 139,194; Oct. 17.
Paul, Richard, Newark, N. J. Can or similar article. 138,406; Aug. 1.
Pautz, Ormie A., Maribel, Wis. Gambrel hook. 137,714; Apr. 18.
Peabody, Lester F. (See Becker, F. H., and Peabody.)
Peace Light Co., The. (See Dannell, Arthur G., assignor.)
Pease, Henry E., assignor to H. C. Hitzeman, C. B. Winkler, and H. E. Pease, Chicago, Ill. Dart game board. 138,118; June 20.
Pease, Henry E., assignor to H. C. Hitzeman, C. B. Winkler, and H. E. Pease, Chicago, Ill. Dart game board. 139,807; Dec. 26.
Peck, Le Mar M., and F. J. Gilbert, Los Angeles, Calif. Condiment receptacle. 139,089; Oct. 10.
Peck, Nate, Newark, N. J. Merchandise display fixture. 137,164; Feb. 1.
Peltier, Leslie, Delphos, Ohio. Baby's stroller. 137,668; Apr. 11.
Peltier, Leslie, Delphos, Ohio. Baby's walker or similar article. 139,329; Oct. 31.
Pereira, Belmiro, New York, N. Y. Combined brooch and locket. 137,006; Jan. 11.
Pereira, Belmiro, New York, N. Y. Combined bracelet and watch. 139,671; Dec. 5.
Permo, Incorporated. (See Andres, Lloyd J., assignor.)
Perper, Kay, Woodside, Long Island, N. Y. Two-faced doll. 137,445; Mar. 14.

Perry, Archie N., assignor to D. W. Moor, Jr., and E. M. Belknap, Toledo, Ohio. Wheeled toy. 139,342; Nov. 7.
Peruggi, Ernesto, Brooklyn, assignor to The Lionel Corporation, New York, N. Y. Toy animal figure. 138,463; Aug. 8.
Peruggi, Ernesto, Brooklyn, assignor to The Lionel Corporation, New York, N. Y. Toy animal figure. 138,464; Aug. 8.
Peruggi, Ernesto, Brooklyn, assignor to The Lionel Corporation, New York, N. Y. Toy animal figure. 138,465; Aug. 8.
Peruggi, Ernesto, Brooklyn, assignor to The Lionel Corporation, New York, N. Y. Toy animal figure. 138,466; Aug. 8.
Peruggi, Ernesto, Brooklyn, assignor to The Lionel Corporation, New York, N. Y. Rocker toy. 138,475; Aug. 8.
Peruggi, Ernesto, Brooklyn, assignor to The Lionel Corporation, New York, N. Y. Toy animal figure. 138,476; Aug. 8.
Peruggi, Ernesto, Brooklyn, assignor to The Lionel Corporation, New York, N. Y. Rocker toy. 138,477; Aug. 8.
Peruggi, Ernesto, Brooklyn, assignor to The Lionel Corporation, New York, N. Y. Figure wheeled toy. 138,657; Aug. 29.
Peruggi, Ernesto, Brooklyn, assignor to The Lionel Corporation, New York, N. Y. Figure wheeled toy. 138,658; Aug. 29.
Peruggi, Ernesto, Brooklyn, assignor to The Lionel Corporation, New York, N. Y. Toy animal figure. 139,195; Oct. 17.
Peruggi, Ernesto, Brooklyn, assignor to The Lionel Corporation, New York, N. Y. Figure wheeled toy. 139,196; Oct. 17.
Peterson, Amos J., Berwyn, assignor to Club Aluminum Products Co., Chicago, Ill. Filter for coffee makers. 139,214; Oct. 24.
Peterson, Clyde A., assignor to Wells-Gardner & Co., Chicago, Ill. Radio cabinet. 137,624; Apr. 4.
Peterson, Clyde A., assignor to Wells-Gardner & Co., Chicago, Ill. Escutcheon plate for a radio receiver. 137,625; Apr. 4.
Petrullo, John A., New York, N. Y. Combined sponge cup and sponge. 136,977; Jan. 4.
Petzke, Franklin J., Minneapolis, Minn. Plate hanger. 137,205; Feb. 8.
Petzke, Franklin J., Minneapolis, Minn. Door check lock. 137,380; Feb. 29.
Petzke, Franklin J., Minneapolis, Minn. Shoe scraper. 138,454; Aug. 8.
Peyrot, George, New York, N. Y. Picture carrying pin or similar article. 137,411; Mar. 7.
Peyrot, George, New York, N. Y. Combined wrist watch and bracelet. 138,099; June 13.
Phelan, Louis A. M., Beloit, Wis. Rectangular container for frozen products. 137,890; May 9.
Phelps, William D., assignor to Mark Cross Company, New York, N. Y. Handbag. 137,969; May 23.
Philippe, Alfred, Cranston, R. I. Brooch pin. 137,200; Feb. 8.
Philippe, Alfred, Cranston, R. I. Brooch pin. 137,201; Feb. 8.
Philippe, Alfred, Providence, R. I. Brooch or similar article. 137,322; Feb. 22.
Philippe, Alfred, Providence, R. I. Brooch or similar article. 137,323; Feb. 22.
Philippe, Alfred, Providence, R. I. Brooch or similar article. 137,324; Feb. 22.
Philippe, Alfred, Providence, R. I. Brooch pin. 137,541; Mar. 28.
Philippe, Alfred, Providence, R. I. Brooch pin. 137,542; Mar. 28.
Philippe, Alfred, Providence, R. I. Brooch pin. 137,543; Mar. 28.
Philippe, Alfred, Providence, R. I. Brooch pin. 137,544; Mar. 28.
Philippe, Alfred, Providence, R. I. Brooch pin. 137,545; Mar. 28.
Philippe, Alfred, Providence, R. I. Brooch pin. 137,546; Mar. 28.
Philippe, Alfred, Providence, R. I. Brooch pin. 137,547; Mar. 28.
Philippe, Alfred, Providence, R. I. Brooch pin. 137,548; Mar. 28.
Philippe, Alfred, Providence, R. I. Brooch pin. 137,557; Mar. 28.
Philippe, Alfred, Providence, R. I. Brooch pin. 137,572; Mar. 28.
Philippe, Alfred, Providence, R. I. Brooch pin. 137,573; Mar. 28.
Philippe, Alfred, Providence, R. I. Earring. 137,688; Apr. 18.
Philippe, Alfred, Providence, R. I. Earring. 137,689; Apr. 18.
Philippe, Alfred, Providence, R. I. Brooch pin. 138,202; July 4.
Philippe, Alfred, Providence, R. I. Brooch pin. 138,203; July 4.
Philippe, Alfred, Providence, R. I. Brooch pin. 138,353; July 18.
Philippe, Alfred, Providence, R. I. Earring. 138,518; Aug. 15.
Philippe, Alfred, Providence, R. I. Earring. 138,519; Aug. 15.
Philippe, Alfred, Providence, R. I. Brooch or similar article. 138,520; Aug. 15.
Philippe, Alfred, Providence, R. I. Brooch or similar article. 138,521; Aug. 15.
Philippe, Alfred, Providence, R. I. Brooch or similar article. 138,522; Aug. 15.
Philippe, Alfred, Providence, R. I. Brooch pin. 138,652; Aug. 29.
Philippe, Alfred, Providence, R. I. Brooch pin. 138,695; Sept. 5.
Philippe, Alfred, Providence, R. I. Brooch pin. 138,696; Sept. 5.
Philippe, Alfred, Providence, R. I. Earring. 138,922; Sept. 26.
Philippe, Alfred, Providence, R. I. Brooch pin. 139,254; Oct. 24.
Philippe, Alfred, Providence, R. I. Brooch pin. 139,255; Oct. 24.
Philippe, Alfred, Providence, R. I. Brooch pin. 139,256; Oct. 24.
Philippe, Alfred, Providence, R. I. Brooch pin. 139,257; Oct. 24.
Philippe, Alfred, New York, N. Y. Brooch pin. 139,695; Dec. 12.
Phillips, Dwight M., Fullerton, assignor to Chiksan Tool Company, Brea, Calif. Swing joint. 137,231; Feb. 8.
Phillips, Dwight M., Fullerton, assignor to Chiksan Tool Company, Brea, Calif. Swing joint. 137,232; Feb. 8.
Phillips Petroleum Company. (See Adams, Kenneth S., assignor.)
Phillips, William A., assignor to Beaver Pipe Tools, Inc., Warren, Ohio. Cutting machine. 138,606; Aug. 22.
Phillips, William E., Los Angeles, Calif. Cigar and cigarette lighter. 139,571; Nov. 28.
Piana, Gaetano E., Brentwood, N. Y. Sport stocking. 139,614; Dec. 5.
Pichel, Irving, New York, N. Y. Handbag. 137,431; Mar. 7.
Pichel, Irving, New York, N. Y. Handbag. 138,543; Aug. 15.
Pickup, John, Johannesburg, Transvaal, Union of South Africa. Game board. 137,206; Feb. 8.
Picut, Frederick C., Westfield, N. J. Dispensing faucet. 139,827; Dec. 26.
Pieper, Alphonse F., Brighton, N. Y. Electric lamp. 138,164; June 27.
Pierson, Harold L., assignor to E. P. Reed & Co., Rochester, N. Y. Combined sole and heel of a shoe. 137,466; Mar. 14.
Pileggi, Vincent R., Philadelphia, Pa. Combined comb, razor, and rule. 139,696; Dec. 12.
Pinaud Incorporated. (See Bennett, George, assignor.)
Pinaud Incorporated. (See Michelin, Marcel, assignor.)
Pine, Sidney R., Maplewood, N. J. Combined clothespin and hanger or similar article. 139,828; Dec. 26.
Pins, Gertrude. (See Basser, I., and Pins.)
Piper, Walter F., and J. J. Soldat, assignors to The Beardsley & Piper Company, Chicago, Ill. Wheelbarrow. 138,300; July 11.
Pitou, Eugene, Long Island City, N. Y. Building. 137,387; Feb. 29.
Pitts, Thomas D., Glen Ridge, assignor to Toy Creations Inc., Jersey City, N. J. Gameboard or similar article. 137,482; Mar. 21.
Pittsburgh Plastics Company. (See Conman, Maxwell H., assignor.)
Plosky, Saul, New York, N. Y. Lapel fob watch. 139,829; Dec. 26.
Plumley, Rochelle E., Everett, Wash. Brake shoe tool. 139,161; Oct. 17.
Poe, Frances, Wilmette, Ill. Cookie jar. 137,514; Mar. 21.
Poe, Frances, Wilmette, Ill. Cookie jar or similar article. 138,832; Sept. 19.
Poglein, Louis, assignor to McKee Glass Company, Jeannette, Pa. Bottle. 138,123; June 20.
Pohl, Ronald K., White Plains, N. Y. Combined ash tray and statuette. 138,059; June 6.
Pokol, Charles, Hollywood, Calif. Beverage dispenser or the like. 139,002; Oct. 3.
Polaroid Corporation. (See Guernsey, James E., assignor.)
Pollack, George J., New York, N. Y. Dress. 137,432; Mar. 7.
Pollack, Leon, assignor to The National Mineral Company, Chicago, Ill. Membership insignia device or the like. 138,733; Sept. 5.
Pollak, Carl, Forest Hills, N. Y. Photograph album page or similar article. 138,021; June 6.
Pollard, Lloyd E., Los Angeles, Calif. Toy. 138,443; Aug. 8.
Polzer, Fridolin, assignor to The E. H. Hotchkiss Company, Norwalk, Conn. Combination staple remover and letter opener. 137,939; May 16.
Polzer, Fridolin, assignor to The E. H. Hotchkiss Company, Norwalk, Conn. Staple remover. 137,940; May 16.
Pomerantz, Herman, New York, N. Y. Brooch or similar article. 137,958; May 23.
Pons, Helene, New York, N. Y. Apron. 137,183; Feb. 1.
Pons, Helene, New York, N. Y. Vestee. 137,359; Feb. 22.
Pons, Helene, New York, N. Y. Skirt. 137,558; Mar. 28.

Pool, Clarence, Rivera, Calif. Valve check. 137,797; May 2.
Pool, Clarence, Rivera, Calif. Valve check. 137,798; May 2.
Pool, Clarence, Rivera, Calif. Valve check. 137,799; May 2.
Pool, Clarence, Rivera, Calif. Valve check. 137,800; May 2.
Pool, Clarence, Rivera, Calif. Valve check. 137,801; May 2.
Pool, Clarence, Rivera, Calif. Valve check. 137,987; May 30.
Pool, Clarence, Rivera, Calif. Valve check. 138,144; June 27.
Pool, Clarence, Rivera, Calif. Valve check. 138,183; July 4.
Pool, Clarence, Rivera, Calif. Valve check. 138,184; July 4.
Pool, Clarence, Rivera, Calif. Valve check. 138,325; July 18.
Pool, Clarence, Rivera, Calif. Valve check. 139,152; Oct. 17.
Pool, Clarence, Rivera, Calif. Valve check. 139,830; Dec. 26.
Popp, Rudolf, assignor to McGill Manufacturing Company, Valparaiso, Ind. Portable lamp. 137,388; Feb. 29.
Porche, Annie, Houma, La. Ration point holder. 139,384; Nov. 7.
Portis, Henry R., Chicago, Ill. Hat display stand. 137,325; Feb. 22.
Posnack, Emanuel R., New York, N. Y. Combination desk unit. 139,831; Dec. 26.
Posnack, Emanuel R., New York, N. Y. Combination desk unit. 139,832; Dec. 26.
Posnack, Emanuel R., New York, N. Y. Combination desk unit. 139,833; Dec. 26.
Post, Speed L., et al. (See (Burke, J. D., assignor), and Crooks.)
Potter, Kenneth F., and R. E. Ljungkull, St. Paul, and D. C. Gray, Rose Township, Ramsey County, assignors to American Hoist & Derrick Company, St. Paul, Minn. Winch. 138,425; Aug. 1.
Potts, Francis D. (See Nelson, F. H., and Potts.)
Potts, Grover C., Big Spring, Tex. Necktie clasp. 139,586; Nov. 28.
Powell, Frank, Miami, Fla. Bracelet or similar article. 137,286; Feb. 15.
Powell, Frank, Miami, Fla. Brooch or similar article. 138,794; Sept. 12.
Powell, Frank, Miami, Fla. Brooch or similar article. 139,421; Nov. 14.
Powell, Frank, Miami, Fla. Ash tray. 139,808; Dec. 26.
Powell, Frank, Miami, Fla. Ash tray. 139,809; Dec. 26.
Powell, Frank, Miami, Fla. Brooch pin. 139,834; Dec. 26.
Powers, Frank, assignor to Advertising Agencies Service Co., Inc., New York, N. Y. Box or similar article. 138,413; Aug. 1.
Pransky, Edward, Dorchester, Mass. Sleeveless dress. 137,975; May 23.
Preas, Robert H., Vernal, Utah. Watch band. 139,596; Dec. 5.
Preble, Harry S., Jr., New York, N. Y., assignor to The A. C. Gilbert Company, New Haven, Conn. Hair drier or the like. 138,044; June 6.
Premier, Inc. (See Caplan, Abraham S., assignor.)
Prentiss Wabers Products Co. (See Yeager, Anton J., assignor.)
Price Brothers, Inc. (See Hammer, Hyman C., assignor.)
Primavera, Vincent A. R., New York, N. Y. Game board or similar article. 137,287; Feb. 15.
Prime Manufacturing Company, The. (See Moore, Sidney A., assignor.)
Pritchett, Irene. (See Barber, Lonnie, assignor.)
Procter & Gamble Company, The. (See Werner, W. G., and Gerhart, assignors.)
Products Development, Inc. (See Grant, Samuel, assignor.)
Progressive Advertising Co., The. (See Muecke, Ray M., assignor.)
Prototype Corporation. (See Larsen, Olai F., Jr., assignor.)
Public Metal Products, Inc. (See Nisenson, Jules, assignor.)
Puls, Alfred E., Cleveland, Ohio, and E. R. Swenson, assignors to Metropolis Bending Company, Metropolis, Ill. Child's feeding and play table. 137,875; May 9.
Puls, Alfred E., Cleveland, Ohio, and E. R. Swenson, assignors to Metropolis Bending Company, Metropolis, Ill. Child's feeding and play table. 137,951; May 23.
Puls, Alfred E., Cleveland, Ohio, and E. R. Swenson, assignors to Metropolis Bending Company, Metropolis, Ill. Child's feeding and play table. 137,952; May 23.
Puls, Alfred E., Cleveland, Ohio, and E. R. Swenson, assignors to Metropolis Bending Company, Metropolis, Ill. Child's feeding and play table. 137,953; May 23.
Puls, Alfred E., Cleveland, Ohio, and E. R. Swenson, assignors to Metropolis Bending Company, Metropolis, Ill. Child's feeding and play table. 137,954; May 23.
Puls, Alfred E., Cleveland, Ohio, and E. R. Swenson, assignors to Metropolis Bending Company, Metropolis, Ill. Child's feeding and play table. 137,955; May 23.
Puls, Alfred E., Cleveland, Ohio, and E. R. Swenson, assignors to Metropolis Bending Company, Metropolis, Ill. Children's feeding and play table. 138,068; June 13.
Quaker City Iron Works. (See Ziegler, Ralph B., assignor.)
Quaker Lace Company. (See Hobden, Frederick G., assignor.)
Quaker Lace Company. (See Hooven, Howard, assignor.)
Quaker Lace Company. (See Otto, Ferdinand F., assignor.)
Quaker Lace Company. (See Wolf, William, assignor.)
Quast, Gilbert W., Milwaukee, Wis. Pump casing. 139,588; Nov. 28.
Quigg, Murray T. (See Volf, Christian A., assignor.)
Raabe, Carl A. (See Pannhausen, J., and Raabe.)
Raeth, Philip F., Evanston, Ill. Soap bubble blower. 138,810; Sept. 19.
Rafelman, Jesse, Norfolk, Va. Applique insignia. 139,422; Nov. 14.
Rafelman, Jesse, Norfolk, Va. Applique or similar article. 139,478; Nov. 21.
Rafelman, Jesse, Norfolk, Va. Applique or similar article. 139,490; Nov. 21.
Rambusch Decorating Company. (See Rambusch, Edward, assignor.)
Rambusch, Edward, Harrison, assignor to Rambusch Decorating Company, New York, N. Y. Porthole ventilator. 138,326; July 18.
Randolph, Joseph, New York, N. Y. Convertible furniture unit. 137,516; Mar. 21.
Ranger Plastics, Inc. (See Ratner, Nathaniel C., assignor.)
Ransome, Stafford G., assignor to Micro Switch Corporation, Freeport, Ill. Switch actuator. 138,283; July 11.
Rapaport, Meyer, Chicago, Ill. Toy or the like. 138,359; July 18.
Raphael, Lillian, New York, N. Y. Jacket or similar article. 137,832; May 2.
Raphaels, Edwin, New York, N. Y. Textile fabric. 139,129; Oct. 10.
Rappaport, Ingvelde, New York, N. Y. Child's garment hanger. 139,713; Dec. 12.
Rashi, Jacob, Zanesville, Ohio. Combined can and bottle opener. 137,526; Mar. 28.
Rasmussen, Jay, Madison, S. Dak. Grave marker. 137,421; Mar. 7.
Rath, Frank H., Garden City, N. Y. Handbag. 139,697; Dec. 12.
Rath, Frank H., Garden City, N. Y. Handbag. 139,698; Dec. 12.
Rathbun, Gordon P., Bedford, Ohio. Toy vehicle. 138,716; Sept. 5.
Ratner, Nathaniel C., Brooklyn, assignor to Ranger Plastics, Inc., New York, N. Y. Picture frame. 138,847; Sept. 19.
Ratner, Richard, New York, N. Y. Bottle or the like. 138,165; June 27.
Rauch, Albert, New York, N. Y. Coat. 139,182; Oct. 17.
Rauch, Albert, New York, N. Y. Coat. 139,183; Oct. 17.
Rauch, John D., Fort Wayne, Ind. Crane cab. 139,385; Nov. 7.
Rauch, Nathan A., New York, N. Y. Jacket. 137,109; Jan. 18.
Rauch, Nathan A., New York, N. Y. Jacket. 137,110; Jan. 18.
Rauch, Nathan A., New York, N. Y. Jacket. 137,111; Jan. 18.
Rauch, Nathan A., New York, N. Y. Jacket. 137,157; Jan. 25.
Raucher, David, Brooklyn, N. Y. Table or similar article. 139,764; Dec. 19.
Rauh, Herbert S., New York, N. Y. Spat. 139,835; Dec. 26.
Ray-O-Vac Company. (See Chapman, David, assignor.)
Rea, Philip M., Oklahoma City, Okla. Valve for mud pump lines. 138,599; Aug. 22.
Reconstruction Finance Corporation. (See Ayer, R. W., Knox, Thompson and de Ganahl, assignors.)
Reconstruction Finance Corporation. (See Lear, William P., assignor.)
Redmer, Edwin A. F., Chicago, Ill. Fluid pressure operated chuck. 137,135; Jan. 25.
Reed, E. P., & Co. (See Pierson, Harold L., assignor.)
Reed, James L., Central, N. Mex. Charm or similar article. 139,615; Dec. 5.
Reefe, Francis E., Chicago, Ill. Soap tray or similar artice. 137,131; Jan. 25.
Reese, Lewis P., Scio, Ohio. Pottery mold caster's bench. 138,575; Aug. 22.
Reeves, James A. (See Lasenby, L. P., Reeves, and Wayne.)
Reich, Joseph, Bronx, N. Y. Rotary pull toy. 139,153; Oct. 17.
Reid, Lavinia E., Epps, La. Pea sheller or similar article. 138,926; Sept. 26.
Reinecke, Jean O., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Radiant heater. 137,233; Feb. 8.

Reinecke, Jean O., Oak Park, Ill., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Toy cricket. 137,692; Apr. 18.
Reinecke, Jean O., Oak Park, Ill., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Toy fish. 137,693; Apr. 18.
Reinecke, Jean O., Oak Park, Ill., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Toy penguin. 137,694; Apr. 18.
Reinecke, Jean O., Oak Park, Ill., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Toy giraffe. 137,695; Apr. 18.
Reinecke, Jean O., Oak Park, Ill., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Toy poodle dog. 137,715; Apr. 18.
Reinecke, Jean O., Oak Park, Ill., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Toy alligator. 137,716; Apr. 18.
Reinecke, Jean O., Oak Park, Ill., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Toy turtle. 137,717; Apr. 18.
Reinecke, Jean O., Chicago, Ill., assignor to Dazey Churn & Manufacturing Co., St. Louis, Mo. Machine for opening cans. 138,779; Sept. 12.
Reinecke, Jean O., Chicago, Ill., assignor to J. F. Barnes, as trustee. Storage cabinet. 139,268; Oct. 31.
Reinecke, Jean O., Oak Park, Ill., assignor to Dazey Corporation. Fruit juicer. 139,794; Dec. 19.
Reiner, Leo A., Detroit, Mich. Scaffold unit. 137,605; Apr. 4.
Reinhardt, Louis W., Brockton, assignor to G. E. Belcher Company, Stoughton, Mass. Shoe tree. 137,918; May 16.
Reinsberg, Adolph, Chicago, Ill. Hat. 139,616; Dec. 5.
Reiter, Harold J., Chicago, Ill. Slide buckle. 138,185; July 4.
Renz, Emil C., Dedham, Mass., assignor to Knight Leather Products, Inc. Wallet. 138,100; June 13.
Reproducta, Inc. (See Herz, Erwin, assignor.)
Republic Aviation Corporation. (See Berkow, Murray, assignor.)
Republic Aviation Corporation. (See Kartvell, A., and Berkow, assignors.)
Republic Aviation Corporation. (See Kartvell, A., and Haase, assignors.)
Rey, Eudice, Brooklyn, assignor to Zylo Ware Corporation, Long Island City, N. Y. Spectacle frame. 137,751; Apr. 25.
Rey, Eudice, Brooklyn, assignor to Zylo Ware Corporation, Long Island City, N. Y. Spectacle frame 137,752; Apr. 25.
Rey, Eudice, Brooklyn, assignor to Zylo Ware Corporation, Long Island City, N. Y. Spectacle frame. 137,753; Apr. 25.
Reynolds, Edwin, Vineland, N. J. Separator for egg yolk and whites or similar article. 138,398; Aug. 1.
Reynolds, George E., Gardena, Calif. Electrode holder. 139,672; Dec. 5.
Rice, Ethel, New York, N. Y. Doll or similar article. 138,399; Aug. 1.
Rich, Ivor, New York, N. Y. Lipstick case. 139,617; Dec. 5.
Richards, Alexander F., Mayport, Pa. Flower vase. 137,178; Feb. 1.
Richards, Charles L. (See Rosengren, H., and Richards.)
Richards, Glenn E. (See Cooke, E. S., and Richards.)
Richards, Harry C., Morristown, N. J., assignor to Fosgood Corporation, Leominster, Mass. Sun goggle or the like. 139,410; Nov. 14.
Richards, Kenneth D., Gardner, Mass. Fishing fly body. 138,381; July 25.
Richardson, John E., Pico, Calif. Combination walker and stroller or similar article. 136,984; Jan. 4.
Richter, Frank F., Amelia Mount Holly, Ohio. Toy airplane. 138,478; Aug. 8.
Riddell, Cyrus M., Whittier, Calif. Drafting radius template. 137,150; Jan. 25.
Rindskopf, Alexander C., Wilmette, Ill. Combination dresser, vanity, and desk. 139,714; Dec. 12.
Ringer, Arthur, Paola, Kans. Camera case. 138,962; Oct. 3.
Ringler, F. A. Co. (See Krauss, Robert, assignor.)
Ringler, William A., Wayne, Pa., assignor to The Gardner-Richardson Company, Middletown, Ohio. Floating decoy or like figure. 138,600; Aug. 22.
Rival Manufacturing Company. (See Talge, Henry J.)
Robb, Arthur, Arlington, Va. Roller toy. 139,154; Oct. 17.
Robbins, Irwin M., New York, N. Y. Plastic unit for use on handbags or the like. 139,699; Dec. 12.
Roberson, Willard D., assignor to Yale Fabrics Corp., New York, N. Y. Textile fabric or similar article. 137,308; Feb. 15.
Roberts, Forrest A., Arlington, Va. Ash receiver. 138,833; Sept. 19.
Roberts, Forrest A., Arlington, Va. Ash receiver. 139,003; Oct. 3.
Roberts, Louis T., Pittsburg, Calif. Sewing cabinet. 139,453; Nov. 14.
Roberts, Robert F., New York, N. Y. Purse frame. 138,780; Sept. 12.
Roberts, William D., New York, N. Y. Game cue. 137,064; Jan. 18.
Robins, Adolf, White Plains, assignor to Tip Top Toy Company, New York, N. Y. Juggling seal toy. 137,696; Apr. 18.
Robinson, Allan, Boston, Mass. Figurine. 139,423; Nov. 14.
Robinson, Allan, Boston, Mass. Figurine. 139,656; Dec. 5.
Robinson, John, Los Angeles, Calif. Automobile body. 137,833; May 2.
Ročić, Ivan, New York, N. Y. Joint coupling or similar article. 137,576; Mar. 28.
Ročić, Ivan, New York, N. Y. Pipe coupling unit or similar article. 139,572; Nov. 28.
Rockwell-Barnes Company. (See Jones, C. E., assignor.)
Rodewald, Erwin M., Roselle, Ill. Airplane. 138,091; June 13.
Rodkey, Frank, Delphi, Ind. Picture frame or similar article. 137,029; Jan. 11.
Rodolpha, Rodna E., Chicago, Ill. Bottle stopper. 138,781; Sept. 12.
Rogers, Charles J., River Forest, assignor to Crown Stove Works, Chicago, Ill. Kitchen range. 137,733; Apr. 25.
Roh, Loyal F., Grand Rapids, Mich. Cribbage board. 138,400; Aug. 1.
Rohrer, Perry L., Oak Park, Ill. Fountain pen. 138,544; Aug. 15.
Rolfes, Fritz H., Johannesburg, Transvaal, Union of South Africa. Fuze cap fastener. 137,618; Apr. 4.
Rolfes, Fritz H., Johannesburg, Transvaal, Union of South Africa. Blasting cap fastener. 138,683; Aug. 29.
Roney, Robert G. (See Setterstedt, Carl A., assignor.)
Root, Dean. (See Benson, R. H., and Root.)
Root, Le Roy P., Brooklyn, N. Y., assignor to Scovill Manufacturing Company, Waterbury, Conn. Vanity box. 138,031; June 6.
Rose, Norman S., New York, N. Y. Game board. 138,905; Sept. 26.
Roselaar, Louis A. (See Ludel, W., and Goldstein, assignors.)
Rosemary Manufacturing Company. (See Hoffmann, Karl C., assignor.)
Rosenbaum, Norman M., New York, N. Y. Embroidered trimming or similar article. 137,499; Mar. 21.
Rosenbaum, Norman M., New York, N. Y. Embroidered trimming or similar article. 138,944; Sept. 26.
Rosenbaum, Norman M., New York, N. Y. Embroidered trimming or similar article. 138,945; Sept. 26.
Rosenberg, Solomon, Los Angeles, Calif. Spring clip. 137,065; Jan. 18.
Rosenblatt, Manfred, Kew Gardens, N. Y. Belt rack. 138,204; July 4.
Rosengard, Charles L., Hartford, Conn., Rotary toothbrush. 138,384; July 25.
Rosengren, Herbert, Woodcliff Lake, and C. L. Richards, assignors to Wood Newspaper Machinery Corporation, Plainfield, N. J. Printing press unit. 137,326; Feb. 22.
Rosenstein Bros. (See Rosenstein, Charles, assignor.)
Rosenstein, Charles, Paterson, N. J. Textile fabric or similar article. 137,802; May 2.
Rosenstein, Charles, Paterson, N. J. Textile fabric or similar article. 137,817; May 2.
Rosenstein, Charles, Paterson, N. J. Textile fabric or similar article. 137,818; May 2.
Rosenstein, Charles, Paterson, N. J. Textile fabric or similar article. 137,819; May 2.
Rosenstein, Charles, assignor to Rosenstein Bros., Paterson, N. J. Textile fabric or similar article. 138,092; June 13.
Rosenstein, Charles, assignor to Rosenstein Bros., Paterson, N. J. Textile fabric or similar article. 139,215; Oct. 24.
Rosenstein, Charles, Paterson, N. J. Textile fabric or similar article. 139,723; Dec. 12.
Rosenstein, Charles, Paterson, N. J. Textile fabric or similar article. 139,724; Dec. 12.
Rosenstein, Charles, Paterson, N. J. Textile fabric or similar article. 139,725; Dec. 12.
Rosenstein, Charles, Paterson, N. J. Textile fabric or similar article. 139,726; Dec. 12.
Rosenstein, Charles, Paterson, N. J. Textile fabric or similar article. 139,727; Dec. 12.
Rosenthal, Jacob N. (See Moss, H., and Rosenthal.)
Rosenthal, Joseph R., Hartford, Conn. Toy or similar article. 137,207; Feb. 8.
Rosenzweig, Jerome, assignor to Cosmo Sun Ray Products Co. Inc., New York, N. Y. Surgical spotlight. 137,179; Feb. 1.
Ross, Howard L., New York, N. Y. Combined salt and pepper shaker. 137,527; Mar. 28.
Ross, Howard L., New York, N. Y. Combined salt and pepper shaker. 139,105; Oct. 10.
Rost, Katheryn, New York, N. Y. Dress. 137,467; Mar. 14.
Rost, Katheryn, New York, N. Y. Dress 138,588; Aug. 22.
Rost, Katheryn, New York, N. Y. Dress. 138,719; Sept. 5.
Rost, Katheryn, New York, N. Y. Dress. 139,732; Dec. 12.
Roth, Margaret, New York, N. Y. Curtain tie back or similar article. 139,556; Nov. 28.
Rothbardt, Adolph M., Chicago, Ill. Combined tray and medicine holders. 139,349; Nov. 7.

Rotheraine, Jerome H., Philadelphia, Pa. Garment hanger. 138,432; Aug. 8.
Rothman, David, New York, N. Y. Dickey or similar article. 139,430; Nov. 14.
Rothschild, Lionel G., Dallas, Tex. Bottle or similar article. 138,205; July 4.
Rotomat Corporation, The. (See Tavis, John, assignor.)
Rowlett, John E., assignor of fifty per cent to N. W. Smith, Nacogdoches, Tex. Combination tool. 138,186; July 4.
Rubel, John, New York, N. Y. Separable pin or the like. 138,958; Jan. 4.
Rubel, John, New York, N. Y. Necklace or similar article. 137,030; Jan. 11.
Rubel, John, New York, N. Y. Separable pin or similar article. 137,112; Jan. 18.
Rubel, John, New York, N. Y. Earring or similar article. 137,311; Feb. 15.
Rubel, John, New York, N. Y. Separable bracelet. 138,174; June 27.
Rubel, John, New York, N. Y. Compact. 138,659; Aug. 29.
Rubel, John, New York, N. Y. Combined bracelet and watch. 139,265; Oct. 24.
Rubenstein, Max, New York, N. Y. Sweater. 139,258; Oct. 24.
Rubenstein, Max, New York, N. Y. Sweater. 139,390; Nov. 7.
Rubin, Daniel, New York, N. Y. Handbag. 138,906; Sept. 26.
Rubin, Daniel, New York, N. Y. Combined handbag and hat. 139,371; Nov. 7.
Rubinstein, Helena, Inc. (See Medgyes, Ladislas, assignor.)
Rudd, George, Bedford, Ohio. Plate or similar article. 138,184; Oct. 17.
Rudd, George S., Bedford, Ohio. Plate or similar article. 138,185; Oct. 17.
Ruddock, Lewis E., Springfield, Mass. Pinochle pegging score board. 139,587; Nov. 28.
Rundle, Valiquette M., New York, N. Y. Animal figure. 137,327; Feb. 22.
Rundle, Valiquette M., New York, N. Y. Animal figure. 137,906; May 16.
Runyon, Clinton A., Jr., Chicago, Ill. Mouthpiece for saxophone or other musical instrument. 139,025; Oct. 3.
Runyon, John W. (See O'Malley, C. E., and Runyon.)
Ruskin, Mabel C., Abingdon, Va. Plate or similar article. 138,946; Sept. 26.
Ruskin, Mabel C., Abingdon, Va. Cup or similar article. 139,077; Oct. 10.
Russell, John, Sr., Summit, N. J. Combined tobacco blender and humidor. 137,820; May 2.
Russell, Joseph, Ravenna, Mich. Bedstead or similar article. 139,330; Oct. 31.
Russell, Lawrence H., Saginaw, Mich. Pitcher. 139,529; Nov. 28.
Russy, Wilhelmina J. (See Maxwell, P. M., and Russy.)
Ruther, Frank R., Whittier, Calif. Vented pouring spout for container. 137,297; Feb 15.
Ryan, Ronnye, St. Louis, Mo. Dress. 138,284; July 11.
Ryder, Eric H., Bedford, assignor to The Bryant Heater Company, Cleveland, Ohio. Furnace. 138,614; Aug. 22.
Ryder, Robert R., Ashland, Ohio. Toy. 137,697; Apr. 18.
S. S. White Dental Manufacturing Company, The. (See Angell, Robert C., assignor.)
Saabye, William H., Kenmore, N. Y. Portable market stand. 139,557; Nov. 28.
Sabiers, Charles, Amherst, Ohio. Lamp support. 139,836; Dec. 26.
Sachs, Nathan H., Newton Centre, Mass. Jacket. 138,555; Aug. 15.
Sacks-Barlow Foundries, Inc. (See Strobel, William E., assignor.)
Sadler, Sabra S., Richmond, Va. Foot rest. 139,504; Nov. 21.
Sadowski, Benjamin, Chicago, Ill. Towel rack. 139,145; Oct. 10.
Safticycles, Inc. (See Erickson, Emil H., assignor.)
Sakulnick, Joseph, New York, N. Y. Finger ring. 137,165; Feb. 1.
Sale, Frank, assignor to Gregori of Hollywood Inc., Los Angeles, Calif. Towel rack. 139,479; Nov. 21.
Salfisberg, Leroy L., South Orange, assignor to Ivers-Lee Company, Newark, N. J. Package envelope or similar article. 138,697; Sept. 5.
Salfisberg, Leroy L., South Orange, assignor to Ivers-Lee Company, Newark, N. J. Folding dispensing package or similar article. 138,698; Sept. 5.
Salfisberg, Leroy L., South Orange, assignor to Ivers-Lee Company, Newark, N. J. Package envelope or similar article. 138,754; Sept. 5.
Sallerno, Vincent, Newark, N. J. Pair of spectacles. 139,026; Oct. 3.
Sallerno, Vincent, Newark, N. J. Spectacle frame. 139,500; Nov. 21.
Salkin, Solomon R. (See Hansen, H. A., and Salkin.)
Salsky, Samuel, New York, N. Y. Dress. 138,176; June 27.
Salvage, Edward. (See Weber, R., and Salvage.)
Salvage, Edward, New York, N. Y. Optical frame. 138,476; Aug. 22.
Salz Brothers, Inc. (See Schladermundt, P., and Wurster, assignors.)
Samek, Emil, New Rochelle, assignor to Tailored Silk Undergarment Co., Inc., New York, N. Y. Slip. 138,467; Aug. 8.
Sampson, Ethel A., Chicago, Ill. Lapel pin or the like. 137,821; May 2.
Samson United Corporation. (See Laylon, Harry L., assignor.)
Sand, Robert T., Detroit, Mich. Clothespin. 138,523; Aug. 15.
Sanders, James J., Nashville, Tenn. Ball tossing and catching game device. 138,360; July 18.
Sanford, Willis F., Lakewood, Ohio. Wall bracket for memorandum paper or the like. 139,431; Nov. 14.
Sannar, Ray E., Elyria, Ohio. Rubber heel. 139,501; Nov. 21.
Sapery, Stanley, New York, assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container cap. 138,952; Sept. 26.
Sargent & Company. (See Muller-Munk, Peter, assignor.)
Sargent & Company. (See Oxhandler, Samuel, assignor.)
Sargent & Company. (See Papkin, David, assignor.)
Savage Tool Company. (See Wilkie, James W.)
Schatzberg, Meyer. (See Stein, Michael G., assignor.)
Scheffer, Raymond J. (See Fernekes, Christian M., assignor.)
Scheidlinger, Samuel, Laurelton, N. Y. Jacket or similar article. 137,031; Jan. 11.
Schelter Last Co. (See Mutch, James B., assignor.)
Schenk, Everett, New York, N. Y. Scarf. 137,455; Mar. 14.
Scheppler, Edith F., New York, N. Y. Woman's hat. 139,618; Dec. 5.
Schield, R. Pete. (See Cheek, Landon N., assignor.)
Schilling, Lorell J., Chicago, Ill., assignor to Babson Bros. Co. Electric fence energiser. 137,251; Feb. 8.
Schindler, Sam, New York, N. Y. Outdoor playing card holder. 139,530; Nov. 28.
Schladermundt, Peter, Bronxville, N. Y., and C. L. Metzler, Palisade Park, N. J., assignors to C. E. Hovey, trustee, Kansas City, Mo. Vending machine cabinet. 137,822; May 2.
Schladermundt, Peter, Bronxville, and D. H. Wurster, assignors to Salz Brothers, Inc., New York, N. Y. Combined inkwell and penholder. 139,400; Nov. 7.
Schlafman, Clifford J., Dayton, Ohio. Concrete form shoring tie unit. 137,252; Feb. 8.
Schlesinger, Kurt, New York, N. Y. Pair of scissors. 137,343; Feb. 22.
Schlesinger, Kurt, New York, N. Y. Pair of scissors. 137,344; Feb. 22.
Schlesinger, Kurt, New York, N. Y. Pair of scissors. 137,345; Feb. 22.
Schlitz, Thomas R., Newark, N. J. Catball game device. 138,093; June 13.
Schlumbohm, Peter, assignor to Chemex Corporation, New York, N. Y. Combined flask and handle for a coffee-maker or the like. 137,943; May 23.
Schlumbohm, Peter, assignor to Chemex Corporation, New York, N. Y. Coffee maker or the like. 138,561; Aug. 22.
Schmeiser, Theodore G., Fresno, Calif. Cultivator ring. 137,446; Mar. 14.
Schmid, Albert P., assignor to B. Wilmsen, doing business as B. Wilmsen, Philadelphia, Pa. Christmas tree ornament. 138,792; Sept. 12.
Schmidt, George, Los Angeles, Calif. Link chain for a bracelet or the like. 138,603; Aug. 22.
Schmidt, Karl F., Grand Rapids, Mich. Casket. 138,497; Aug. 15.
Schneider, Eugene S., Los Angeles, Calif. Coat hanger. 139,843; Dec. 26.
Schneider, Leonard W., assignor to Decca Records, Inc., New York, N. Y. Display stand or similar article. 138,119; June 20.
Schneiderwind, Lawrence O., Omaha, Nebr. Electric ground clamp or similar article. 138,285; July 11.
Schodlbauer, Erwin. (See Lambert, H. L., and Schodlbauer.)
Schoenherr, Mary G., Detroit, Mich. Doll. 139,350; Nov. 7.
Schoer, Jacob, Brooklyn, N. Y. Hat or similar article. 138,607; Aug. 22.
Schofield, Earl L., Auburn, Ind., assignor to The Atwood Vacuum Machine Company, Rockford, Ill. Lawn mower. 137,928; May 16.
Schofield, Earl L., Auburn, Ind., assignor to The Atwood Vacuum Machine Company, Rockford, Ill. Handle for a lawn mower. 137,929; May 16.
Schofield, Earl L., Auburn, Ind., assignor to Atwood Vacuum Machine Company. Head for a lawn mower. 137,930; May 16.
Schreiber, Dezsö, Brooklyn, N. Y. Slipper sock or similar article. 139,619; Dec. 5.
Schreiber, Rudolph E., Chicago, Ill. Slide buckle. 137,208; Feb. 8.
Schreyer, Oscar, New York, N. Y. Pin or similar article. 139,412; Nov. 14.
Schulhof, Rudolph, New York, N. Y. Foldable miniature Christmas crib. 138,660; Aug. 29.
Schulist, Bernard H., Shaker Heights, assignor to The World Publishing Company, Cleveland, Ohio. Combined tax return filing portfolio and record book. 137,476; Mar. 14.

Schumacher, Edward G., Buffalo, N. Y. Quoit game target. 137,209; Feb. 8.
Schumacher, Edward G., Buffalo, N. Y. Quoit game target. 139,597; Dec. 5.
Schumacher, Edward G., Buffalo, N. Y. Quoit game target. 139,598; Dec. 5.
Schwartz, Grace B. (See Schwartz, William O. and G. B.)
Schwartz, Nathan R., New York, N. Y. Lamp guard. 137,834; May 2.
Schwartz, Philip, Springfield, Mass. Bottle. 137,787; Apr. 25.
Schwartz, William O. and G. B., Los Angeles, Calif. Film viewer. 137,988; May 30.
Schwartzberg, Louis, Chicago, Ill. Egg case filler. 138,782; Sept. 12.
Schwarzbart, Irving, New York, N. Y. Slip or similar article. 138,748; Sept. 5.
Schweid, Eli, New York, N. Y. Game board. 138,684; Aug. 29.
Schwinn, Frank W., Chicago, Ill. Truss bracket for bicycles. 137,669; Apr. 11.
Scott Aviation Corporation. (See Benzel, Howard A., assignor.)
Scott Aviation Corporation. (See Drew, John K., assignor.)
Scott, Clarice L., Silver Spring, Md., H. Shelby, Washington, D. C., M. Carney, Ithaca, N. Y., and G. Meloche, Madison, Wis., assignors to the United States of America as represented by Chester C. Davis, administrator of the War Food Administration, and his successors in office. Woman's overall ensemble. 137,360; Feb. 22.
Scott, Clarice L., Silver Spring, Md., H. Shelby, Washington, D. C., M. Carney, Ithaca, N. Y., and G. Meloche, Madison, Wis., assignors to the United States of America, as represented by Chester C. Davis, Administrator of the War Food Administration, and his successors in office. Cap. 137,429; Mar. 7.
Scott, Herbert S., New Canaan, Conn., assignor to Parfums Schiaparelli, Inc., New York, N. Y. Soap cake or similar article. 137,202; Feb. 8.
Scovill Manufacturing Company. (See Root, Le Roy P., assignor.)
Scripto Manufacturing Company. (See Lazenby, L. P., Reeves, and Wayne, assignors.)
Scripto Manufacturing Company. (See Severy, Victor H., assignor.)
Sea Emergency Devices. (See Cohen, Henry B., assignor.)
Sea Emergency Devices, Inc. (See Cohen, Henry B., assignor.)
Sears, Roebuck and Co. (See Dady, Arthur O., assignor.)
Sears, Roebuck and Co. (See Maienthau, Heinz W., assignor.)
Sears, Roebuck and Co. (See Reinecke, Jean O., assignor.)
Seelbach, Lewis C., Buffalo, N. Y. Flag. 139,351; Nov. 7.
Seidis, Edward E., New York, N. Y. Umbrella or similar article. 138,524; Aug. 15.
Sellmeyer, Gilbert J., Indianapolis, Ind. Pipe threading machine. 138,959; Jan. 4.
Senkewitz, Charles F., Detroit, Mich. Paring knife. 139,352; Nov. 7.
Setterstedt, Carl A., Cicero, assignor of one-third to R. G. Roney, Chicago, Ill. Game board. 139,372; Nov. 7.
Setzer, Richard R., Kansas City, Mo. Drinking fountain for fowls. 138,103; June 13.
Severy, Victor H., assignor to Scripto Manufacturing Company, Atlanta, Ga. Fountain pen. 137,660; Apr. 11.
Severy, Victor H., assignor to Scripto Manufacturing Company, Atlanta, Ga. Adjustable nib fountain pen. 138,032; June 6.
Seymour, John K., Royal Oak, Mich. Measuring instrument. 139,155; Oct. 17.
Shaeffer, Norbert, assignor to Kinney Aluminum Company, Los Angeles, Calif. Cooking vessel or the like. 138,848; Sept. 19.
Shaeffer, Norbert, assignor to Kinney Aluminum Company, Los Angeles, Calif. Handle for cooking vessels or the like. 139,657; Dec. 5.
Shaffer, Frank L., Los Angeles, Calif. Flower candleholder. 139,130; Oct. 10.
Shain, Harry, El Paso, Tex. Finger ring. 137,288; Feb. 15.
Shapiro, Samuel B., Mattapan, Mass. Pin or the like. 138,270; July 11.
Share, Albert A., Chicago, Ill. Toy. 138,811; Sept. 19.
Sharp, John E., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Closure. 138,003; May 30.
Sharp, John E., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Closure. 138,004; May 30.
Shatz, Nathan, St. Louis, Mo. Jacket. 138,720; Sept. 5.
Shaw, Glenn M., Lakewood, assignor to E. I. Goulder, Cleveland Heights, Ohio. Vase. 137,998; May 30.
Shawnee Pottery Co. (See Ganz, Rudolph V., assignor.)
Shefield Corporation, The. (See Aller, Willis F., assignor.)
Shefield Corporation, The. (See Conover, Robert E., assignor.)
Sheffield, William F., Baltimore, Md. Teleray signaling device. 137,298; Feb. 15.
Sheffield, William F., Baltimore, Md. Folding wing airplane. 137,661; Apr. 11.
Sheinbaum, Ben, New York, N. Y. Dress. 138,685; Aug. 29.
Sheinbaum, Ben, New York, N. Y. Dress. 138,783. Sept. 12.
Sheinbaum, Ben, New York, N. Y. Dress. 139,491; Nov. 21.
Shelby, Helen. (See Scott, C. L., Shelby, Carney, and Meloche.)
Sherbondy, William A., Atlanta, Ga. Holder for badge, pencils, and the like. 137,718; Apr. 18.
Sherman, Alvin G., Grosse Pointe, Mich., assignor to Globe American Corporation, Kokomo, Ind. Life raft. 138,050; June 6.
Shipman, Frederic, New York, N. Y. Mirror for store window displays or the like. 138,734; Sept. 5.
Shirley, Lloyd W. (See Lehman, E. C., and Shirley.)
Shonta, John M., Detroit, Mich. Tweezer. 138,784; Sept. 12.
Shows, Jodie H. (See Lesiak, L. L., and Shows.)
Shuford, Carl H., Dallas, Tex. Shoe heel. 136,960; Jan. 4.
Shulman, Matthew H., New York, N. Y. Fork or analogous article. 137,606; Apr. 4.
Shulman, Matthew H., New York, N. Y. Egg disk. 137,887; May 9.
Sidebotham, Melvin H., Newton, Mass. Combined container and closure. 139,197; Oct. 17.
Siebert, Irwin, Cleveland, Ohio. Mop wringer. 138,361; July 18.
Siemers, Eric, assignor to R. B. Lacey, Kalamazoo, Mich. Oil filter casing. 136,961; Jan. 4.
Siemers, Eric, assignor to R. B. Lacey, Kalamazoo, Mich. Trouble lamp. 137,334; Feb. 22.
Siemers, Eric, assignor to R. B. Lacey, Kalamazoo, Mich. Oil filter casing. 138,907; Sept. 26.
Siemund, Herman, assignor to Greenview Manufacturing Company, Chicago, Ill. Combined handle socket and floor scraper holder. 139,231; Oct. 24.
Sierad, Albert E., Larchmont, N. Y. Combination cap and comb. 139,492; Nov. 21.
Siewing, Joseph P., St. Louis, Mo. Door plaque. 137,942; May 23.
Sikorsky, Igor I., Long Hill, assignor to United Aircraft Corporation, East Hartford, Conn. Helicopter. 138,045; June 6.
Silber, Eugene W. (See Ellicott, I. S., and Silber.)
Silbert, Eileen, et al. (See Du Bois, Joseph E., assignor.)
Silex Company, The. (See Moore, Julian M., assignor.)
Silex Company, The. (See Wolcott, Frank E., assignor.)
Silfen, Alfred, Berkeley, Ill. Fowl killing device. 137,989; May 30.
Silfen, Benjamin, Chicago, Ill. Shoe polishing device. 138,661; Aug. 29.
Silkman, Edwin F., Baltimore, Md. Toy vehicle. 138,525; Aug. 15.
Silson, Jack, New York, N. Y. Brooch pin. 139,353; Nov. 7.
Silver, Matilda, et al. (See Casso, Bessie, assignor.)
Simmons, Edward N., Chicago, Ill. Fabric patch mending machine. 137,402; Mar. 7.
Simmons, Edward N., Chicago, Ill. Fabric patch mending machine. 138,166; June 27.
Simpson, Riffle, Indianapolis, Ind. Fish lure. 137,876; May 9.
Sinclair Glass Company. (See Morehead, James A., assignor.)
Singer, Benjamin R., Bronx, N. Y. Baby bottle holder. 139,296; Oct. 31.
Singer Manufacturing Company, The. (See Karle, John D., assignor.)
Singer Manufacturing Company, The. (See Park, Malcolm S., assignor.)
Sipe, Bruce E., Kansas City, Mo. Hog oiler. 138,382; July 25.
Skinner, M. T., Walnut Springs, Tex. Hairpin. 139,297; Oct. 31.
Sloane, Max. (See Sloane, Nathan and M.)
Sloane, Nathan and M., Brooklyn, N. Y. Handbag. 138,049; June 6.
Sloane, Nathan and M., Brooklyn, N. Y. Handbag. 138,069; June 13.
Smaliman, Samuel J., New York, N. Y. Billfold. 137,500; Mar. 21.
Smallman, Samuel J., New York, N. Y. Combined billfold, pass holder and change purse. 138,354; July 18.
Smallman, Samuel J., New York, N. Y. Embossed leather for a wallet or similar article. 139,186; Oct. 17.
Smallman, Samuel J., New York, N. Y. Combined billfold, passholder, and keyholder. 139,413; Nov. 14.
Smallman, Samuel J., New York, N. Y. Back for billfold or similar article. 139,746; Dec. 19.
Smallman, Samuel J., New York, N. Y. Back for billfold or similar article. 139,747; Dec. 19.
Smallman, Samuel J., New York, N. Y. Back for billfold or similar article. 139,748; Dec. 19.
Smallman, Samuel J., New York, N. Y. Back for billfold or similar article. 139,749; Dec. 19.
Smallwood, Thomas B. (See Hodges, V. C., and Smallwood.)
Smith, A. O., Corporation. (See Koppel, Ernst R., assignor.)

Smith, Charles J., Fairfield, Conn., assignor to The Bryant Electric Company. Spout for bottle. 137,719; Apr. 18.
Smith, Earl F., and G. K. Wilson, Muncie, Ind. Basket or similar article. 138,327; July 18.
Smith, Edward W., Jr., Flushing, assignor to Alexander Kono, doing business under the name of Kono Manufacturing Company, Woodside, Long Island, N. Y. Pair of spectacles. 137,501; Mar. 21.
Smith, Frank R., Los Angeles, Calif. Welding electrode holder. 139,198; Oct. 17.
Smith, Howard C., assignor to Buffalo Fire Appliance Corporation, Buffalo, N. Y. Hand fire extinguisher. 139,391; Nov. 7.
Smith, Julia, New York, N. Y. Dress. 137,397; Feb. 29.
Smith, Julia, New York, N. Y. Dress. 137,398; Feb. 29.
Smith, Julia, New York, N. Y. Dress. 137,399; Feb. 29.
Smith, Julia, New York, N. Y. Dress. 137,400; Feb. 29.
Smith, Julia, New York, N. Y. Dress. 137,401; Feb. 29.
Smith, Julia, New York, N. Y. Dress. 137,559; Mar. 28.
Smith, Julia, New York, N. Y. Dress. 137,574; Mar. 28.
Smith, Julia, New York, N. Y. Dress. 138,721; Sept. 5.
Smith, Julia, New York, N. Y. Dress. 138,722; Sept. 5.
Smith, Julia, New York, N. Y. Dress. 138,723; Sept. 5.
Smith, Julia, New York, N. Y. Jacket. 138,947; Sept. 26.
Smith, Julia, New York, N. Y. Dress. 139,027; Oct. 3.
Smith, Lawson A. (See Hacmac, Edward R., assignor.)
Smith, Lawson A., Los Angeles, Calif. Cutting tool. 137,607; Apr. 4.
Smith, Lawson A., assignor to R. H. Clark, Los Angeles, Calif. Cutting tool. 138,187; July 4.
Smith, Lawson A., assignor to R. H. Clark, Los Angeles, Calif. Cutting tool. 138,188; July 4.
Smith, Lawson A., assignor to R. H. Clark, Los Angeles, Calif. Cutting tool. 138,189; July 4.
Smith, Lawson A., assignor to R. H. Clark, Los Angeles, Calif. Combined drill and counterbore. 139,844; Dec. 26.
Smith, Maxwell V., Weehawken, N. J. Nasal protector for bathers. 137,091; Jan. 18.
Smith, Neal W. (See Rowlett, John E., assignor.)
Smith, Thomas C., Indianapolis, Ind., assignor to Stewart-Warner Corporation, Chicago, Ill. Food dehydrater. 137,468; Mar. 14.
Smith, Travis O., Kansas City, Mo., assignor, by mesne assignments, to D. M. Lorenz, Johnson County, Kans. Combined bed table and refuse receptacle support. 137,477; May 9.
Smith, Winfield F., assignor to Kimble Glass Company, Vineland, N. J. Bottle. 138,686; Aug. 29.
Smolenoff, Henry J., New York, assignor to Etched Products Corporation, Long Island City, N. Y. Calendar watch case. 138,444; Aug. 8.
Snow, William H., Chicago, Ill. Automobile steering wheel. 139,508; Nov. 21.
Snyder, Robert E., Pasadena, Calif. Gauge handle. 139,750; Dec. 19.
Snyder, William R., Galeton, Pa. Supporting bracket. 137,754; Apr. 25.
Soetbeer, Oscar F., Massapequa Park, N. Y. Internal surface projector. 138,033; June 6.
Solash, Max, Linden, N. J. Hat. 138,328; July 18.
Soldat, Joseph J. (See Piper, W. F., and Soldat.)
Solomon, Joseph W., Bronx, N. Y., assignor to The Verplex Company, Essex, Conn. Pin-up lamp. 137,888; May 9.
Solomon, Maurice B., et al. (See Stark, Jack, assignor.)
Somers, Richard M., assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Combined sound-receiving device and control for dictating machines. 137,720; Apr. 18.
Son-Chief Electrics, Incorporated. (See Fitzgerald, Edward J., assignor.)
Soule, Ralph M. (See Geller, M., and Soule.)
Spaldo, Philip A., New York, N. Y. Picture frame. 138,526; Aug. 15.
Spanhoofs, Charles G., Edwardsville, Ill. Nail. 139,216; Oct. 24.
Speedmaster, Limited. (See Graves, J., and Butler.)
Spencer Lens Company. (See Armbruster, J. T., and Bosack, assignors.)
Sperry Gyroscope Company. (See Bates, Mortimer F., assignor.)
Sperry Gyroscope Company. (See Beach, L. F., Esval, and Lane, assignors.)
Sperti, Inc. (See Stevens, George A., assignor.)
Spiers, Nell M., Chicago, Ill. Doll. 138,445; Aug. 8.
Spiers, Nell M., Chicago, Ill. Doll. 138,446; Aug. 8.
Spiller, William R., Dayton, assignor to Harris-Seybold-Potter Company, Cleveland, Ohio. Paper-cutting machine or the like. 137,389; Feb. 29.
Spiro, Edward H., Jr., New York, N. Y. Combination mattress cover and blanket retainer or similar article. 137,636; Apr. 11.
Splaine, Edward M., assignor to American Optical Company, Southbridge, Mass. Goggle. 138,545; Aug. 15.
Spotswood Specialty Company. (See Annable, Oliver S., assignor.)
Sprague, Bernardine M. (See Groetsch, M., and Sprague.)
Sprecker, Alfred L., Freeport, and M. Supa, Flushing, assignors to International Business Machines Corporation, New York, N. Y. Clock dial. 137,690; Apr. 18.
Springwell, Juan, assignor to McCord Radiator & Mfg. Co., Detroit, Mich. Combined electric roaster and cooker. 138,271; July 11.
Springwell, Juan, Detroit, Mich., assignor to McCord Corporation. Electric hot plate. 139,751; Dec. 19.
Stackhouse, Gladys B., Huntington, N. Y. Muff. 138,009; May 30.
Stahl, Harold H., New York, N. Y. Dress. 138,487; Aug. 8.
Stamm, Orville, Chicago, Ill. Exercising apparatus. 137,646; Apr. 11.
Standard Machinery Company. (See Gilman, Wilbert M., assignor.)
Standard Machinery Company. (See Wilcox, Philip E., assignor.)
Standlee, Mary W., Washington, D. C. Hospital library cart. 138,757; Sept. 5.
Stark, Jack, Edgemere, assignor of one-third to M. B. Solomon and one-third to E. Chatrand, New York, N. Y. Combined serving bar and guard partition therefor. 137,570; Mar. 28.
Stark, Jack, Edgemere, assignor of one-third to M. B. Solomon and one-third to E. Chatrand, New York, N. Y. Combined serving bar and guard partition therefor. 137,571; Mar. 28.
Stark, Jack, Edgemere, assignor of one-third to M. B. Solomon and one-third to E. Chatrand, New York, N. Y. Combined serving bar and guard partition therefor. 137,662; Apr. 11.
Steckler, Nat P., New York, N. Y. Stopper for babies' milk bottles or similar articles. 137,619; Mar. 21.
Steffens, August, Union City, N. J. Woven braid. 137,516; Mar. 21.
Steffens, August, Union City, N. J. Woven braid. 137,517; Mar. 21.
Stegeman, Raymond F. E., Greece, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Refractometer. 138,401; Aug. 1.
Steger Furniture Mfg. Co. (See Trabucco, Vincent R., assignor.)
Stein, Earl A., San Francisco, Calif. Toothbrush holder. 137,639; Apr. 11.
Stein, Michael G., Brooklyn, N. Y. Dress. 138,414; Aug. 1.
Stein, Michael G., Brooklyn, assignor to Meyer Schatzberg, doing business as Atlas Half Size Dress Co., New York, N. Y. Dress. 139,454; Nov. 14.
Steiner, Ernest. (See Cohan, Elsye, assignor.)
Steiner, Ernest, New York, N. Y. Brooch or the like. 137,647; Apr. 11.
Steiner, Ernest, New York, N. Y. Brooch or the like. 137,648; Apr. 11.
Steiner, Ernest, New York, N. Y. Brooch or the like. 137,649; Apr. 11.
Steiner, Ernest, New York, N. Y. Brooch or the like. 137,670; Apr. 11.
Stempel, Edward H., assignor to American Gas Machine Company, Albert Lea, Minn. Hot water heater. 138,546; Aug. 15.
Stengren, Jon, Forest Hills, N. Y., assignor to Milkmaid Inc., New York, N. Y. Container for cosmetics or similar articles. 137,549; Mar. 28.
Sterling Tool Products Company. (See Crosby, Stephen A., assignor.)
Sternberg, Max, San Francisco, Calif. Cigarette lighter. 138,410; Aug. 1.
Sterne, Rita C., et al. (See Du Bois, Joseph E., assignor.)
Stertz, Maurice V., Bronx, N. Y. Compact. 137,032; Jan. 11.
Stevens, Clifford B., Milwaukee, Wis., assignor to The Dumore Company. Floor polisher. 137,560; Mar. 28.
Stevens, Clifford B., Milwaukee, assignor to The Dunmore Company, Racine, Wis. Floor polisher. 139,620; Dec. 5.
Stevens, Clifford B., Milwaukee, assignor to The Dunmore Company, Racine, Wis. Floor polisher. 139,621; Dec. 5.
Stevens, Clifford B., Milwaukee, assignor to The Dunmore Company, Racine, Wis. Floor polisher. 139,622; Dec. 5.
Stevens, Clifford B., Milwaukee, assignor to The Dunmore Company, Racine, Wis. Floor polisher. 139,623; Dec. 5.
Stevens, Clifford B., Milwaukee, assignor to The Dunmore Company, Racine, Wis. Floor polisher. 139,624; Dec. 5.
Stevens, George A., Highlands, N. J., assignor to Sperti, Inc., Norwood, Ohio. Bottle or similar article. 138,604; Aug. 22.
Steward, William H., Chicago, Ill. Toy vehicle. 138,402; Aug. 1.
Stewart, Merritt G., Chicago, Ill. Check writing machine casing. 137,734; Apr. 25.
Stewart-Warner Corporation. (See Smith, Thomas C., assignor.)
Stile, Robert, and P. Eisenberg, Brooklyn, N. Y. Shoe. 139,531; Nov. 28.
Stock, Anthony T. (See Canterbury, H. H., and Stock.)
Stoddard, Robert J., W. Niessen, and C. Milsar, assignors to American Hoist & Derrick Co., St. Paul, Minn. Truck for a traveling crane. 139,762; Dec. 19.

Stoll, Henry C., Jackson Heights, N. Y. Dresser for grinding wheels or the like. 138,547; Aug. 15.
Stoltz, Harold A., Cleveland, Ohio. Magnifier reading glass. 138,022; June 6.
Stone, Alec, Mount Vernon, N. Y., assignor to Botany Worsted Mills, Passaic, N. J. Font of type. 139,156; Oct. 17.
Stone, Alec, Mount Vernon, N. Y., assignor to Botany Worsted Mills, Passaic, N. J. Font of type. 139,157; Oct. 17.
Stone, Murray H., New York, N. Y., assignor to National Maritime Union of America. Medal or similar article of manufacture. 136,985; Jan. 4.
Stone, Murray H., New York, N. Y., assignor to National Maritime Union of America. Badge or similar article of manufacture. 136,986; Jan. 4.
Stone, Murray H., New York, N. Y., assignor to National Maritime Union of America. Medallion pin or similar article of manufacture. 136,987; Jan. 4.
Stone, Roy A. (See North, E. W., and Stone.)
Stone, Roy A., assignor to National Lock Company, Rockford, Ill. Filing cabinet handle. 138,910; Sept. 26.
Stone, Roy A., assignor to National Lock Company, Rockford Ill. Locker lift handle. 138,911; Sept. 26.
Stone, Roy A., and C. W. Carlson, assignors to National Lock Company, Rockford, Ill. Locker lift handle. 138,908; Sept. 26.
Stone, Roy A., and C. W. Carlson, assignors to National Lock Company, Rockford, Ill. Filing cabinet handle. 138,909; Sept. 26.
Stors, Charles R., St. Louis, Mo. Scissors. 137,412; Mar. 7.
Stough, Turney H., Jeanette, Pa. Toy glass nursing bottle for candy pellets. 137,033; Jan. 11.
Stough, Turney H., Jeannette, Pa. Molded glass candy container. 137,299; Feb. 15.
Stoughton, Milton F., Whittier, Calif., assignor, by mesne assignments, to Consolidated Vultee Aircraft Corporation. Airplane. 138,795; Sept. 12.
Stout, William B., Pontiac, Mich., assignor to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Airplane. 139,028; Oct. 3.
Stout, William B., Pontiac, Mich., assignor to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Helicopter. 139,432; Nov. 14.
Stovern, Ingram V., assignor to Estate of H. L. De Lisle, a trust, doing business as Engineering Sales Company, Sheboygan, Wis. Plotting board. 137,973; May 23.
Strand, Emil, St. Louis, Mo. Toy chest. 137,381; Feb. 29.
Strand Ski Company. (See Driscoll, Donald J., assignor.)
Streater, Alma, Spring Park, Minn. Child's vehicle. 138,785; Sept. 12.
Strobel, William E., Maplewood, assignor to Sacks-Barlow Foundries, Inc., Newark, N. J. Heelplate for boots and shoes. 137,895; May 16.
Stroh, Roy E., Brookline, assignor to The Turner and Harrison Steel Pen Manufacturing Company, Philadelphia, Pa. Inkwell. 137,328; Feb. 22.
Stronach, Harry S., Oak Park, Ill. Ash tray. 138,094; June 13.
Sturgess, Inc. (See Cade, John W., assignor.)
Sufix Manufacturing Co., et al. (See Casso, Bessie.)
Sullivan Machinery Company. (See Baldwin, C. P., and Vandersee, assignors.)
Sullivan, Velden J., and J. Alastra, Gooding, Idaho. Chair stool or similar article. 139,131; Oct. 10.
Sumbardo, Alessandro H., assignor to Dermetics, Inc., Seattle, Wash. Dispensing carton. 138,749; Sept. 5.
Sundberg, Carl W., Detroit, Mich. Bathroom scale. 137,990; May 30.
Sups, Michael. (See Specker, A. L., and Supa.)
Swainson, Anne, assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Clock case or the like. 137,528; Mar. 28.
Swan, John B., assignor to Kinney Aluminum Company, Los Angeles, Calif. Cooking vessel or the like. 138,849; Sept. 19.
Swanson, Arthur P., Chicago, Ill. Toy helicopter or similar article. 138,804; Sept. 12.
Swanson, Rolf G., Minneapolis, Minn. Toy gun. 138,190; July 4.
Swanson, Roy C., St. Paul, Minn. Camera holder. 137,483; Mar. 21.
Swanson, Roy C., St. Paul, Minn. Camera holder. 137,484; Mar. 21.
Swanstrom, Otto, Duluth, Minn. Wrench. 138,662; Aug. 29.
Swartzbough Manufacturing Company, The. (See Baunach, Roy J., assignor.)
Swenson, Edward R. (See Puls, A. E., and Swenson.)
Swenson, Oscar L., assignor of forty-nine per cent to B. J. Cheeseman, Toledo, Ohio. Combination tool. 138,750; Sept. 5.
Swikart, George. (See Gainsborg, L., and Swikart.)
Sydenham, Harold G., U. S. Army, Fort Benning, Ga. Helmet. 137,390; Feb. 29.
Syzdek, Andrew A., Amsterdam, N. Y. Hat. 138,824; Sept. 19.
Szalla, Frank I., Chicago, Ill. Combined lighting fixture and ornament holder. 138,927; Sept. 26.
Szrajer, Mieczyslaw, Forest Hills, assignor to Ideal Novelty & Toy Co., Long Island City, N. Y. Doll or similar article. 137,972; May 23.
Taboraki, Alfred F., Buffalo, N. Y. Pre-formed necktie. 138,853; Sept. 19.
Tafelski, Peter H., Toledo, Ohio. Fish pond game device. 138,806; Sept. 12.
Tailored Silk Undergarment Co. (See Samek, Emil, assignor.)
Talge, Foster L., et al. (See Talge, Henry J., assignor.)
Talge, Henry J., Kansas City, Mo. Fruit juice extractor. 137,210; Feb. 8.
Talge, Henry J., assignor to J. C. Hockery, F. L. Talge, and H. J. Talge, doing business as Rival Manufacturing Company, Kansas City, Mo. Juice extractor. 139,845; Dec. 26.
Tamis, Jacob, Yonkers, N. Y. Combined picture frame and clip. 139,837; Dec. 26.
Tanglefoot Company, The. (See Clark, Llewellynn J., assignor.)
Tashman, Harry, New York, N. Y. Tieback or similar article. 138,577; Aug. 22.
Tator, Kenneth, Fairfax, Va., and G. Holmgren, Washington, D. C. Poker chip or similar article. 137,608; Apr. 4.
Tatro, Earl E., Yonkers, N. Y. V-block work holder. 137,413; Mar. 7.
Tavis, John, Bayside, N. Y., assignor to The Rotomat Corporation. Vending machine cabinet. 137,878; May 9.
Tavis, John, Bayside, N. Y., assignor to The Rotomat Corporation. Vending machine cabinet. 137,879; May 9.
Taylor, Charles H., Springfield, Mass. Game board. 136,962; Jan. 4.
Taylor, Eldridge B., Cleveland, Ohio. Target game board. 138,272; July 11.
Taylor, Florence E., et al. (See Du Bois, Joseph E., assignor.)
Taylor, Lloyd M., San Leandro, Calif. Engine cylinder block. 138,104; June 13.
Taylor, Myron L. (See Flanagan, R., and Taylor.)
Taylor, Owen, assignor to D. H. Borger, Dallas, Tex. Bottle lifter. 139,846; Dec. 26.
Teague, Annie L. (See Fulton, Tilda V., assignor.)
Temlitz, Paul E., Chicago, Ill. Toy. 139,343; Nov. 7.
Terry, George A., Buffalo, N. Y. Drilling attachment. 139,795; Dec. 19.
Terry, George A., Buffalo, N. Y. Drilling attachment. 139,796; Dec. 19.
Terry, George A., Buffalo, N. Y. Drilling attachment. 139,797; Dec. 19.
Terry, Noah S. (See Merrill, V. A., and Terry.)
Testor, Nils F. (See Forss, E., assignor.)
Teuniss, William C., Grand Rapids, Mich. Bottle. 138,663; Aug. 29.
Teuniss, William C., Grand Rapids, Mich. Milk bottle. 139,331; Oct. 31.
Texas Tanning & Manufacturing Co. (See Tolbert, Arthur A., assignor.)
Thiele, Berthold R., assignor to E. R. Wagner Manufacturing Company, Milwaukee, Wis. Combination latch and lock. 137,835; May 2.
Thienhaus, Agnes E., Milwaukee, Wis. Vase or similar article. 138,786; Sept. 12.
Thiery, Joseph H., et al. (See O'Connell, J. L., and Thiery.)
Thomas, Chester A. (See Babson, H. B., and Thomas.)
Thomas, Jesse F. and T. B., New London, Wis. Toy gun. 137,151; Jan. 25.
Thomas, Theodore B. (See Thomas, Jesse F., and T. B.)
Thomas, Victor W., Waukegan, Ill. Distributor coil adaptor. 138,095; June 13.
Thompson, Arthur E., Marysville, Calif. Deep water fishing tackle. 137,502; Mar. 21.
Thompson, George S., et al. (See Ayer, R. W., Knox, Thompson, and de Ganahl.)
Thompson Grinder Company, The. (See Wilson, John C., assignor.)
Thompson, Josephus, Covington, assignor of one-third to Grossman Music Company, Cleveland, Ohio. Flageolet. 139,332; Oct. 31.
Thompson, Josephus, Covington, assignor of one-third to Grossman Music Company, Cleveland, Ohio. Flute. 139,333; Oct. 31.
Thonet Brothers, Inc. (See Weill, Bruno R., assignor.)
Thoreson, Beider. (See Ernest, W., and Thoreson.)
Thygeson, Arthur T., Larchmont, N. Y., assignor to Floyd Wells Company, Royersford, Pa. Gas range. 139,480; Nov. 21.
Thygeson, Arthur T., Larchmont, N. Y., assignor to Floyd Wells Company, Royersford, Pa. Gas range. 139,481; Nov. 21.
Thygeson, Arthur T., Larchmont, N. Y., assignor to Floyd Wells Company, Royersford, Pa. Combination solid and fluid fuel range. 139,482; Nov. 21.
Thygeson, Arthur T., Larchmont, N. Y., assignor to Floyd Wells Company, Royersford, Pa. Combination solid and fluid fuel range. 139,493; Nov. 21.
Tiedje, Richard T. (See Lewis, Paul M., assignor.)
Tilton, Texie, Webster Groves, Mo. Dress. 137,931; May 16.
Timken Roller Bearing Company, The. (See Baker, John B., assignor.)
Timmis, Harl C., assignor to McCray Refrigerator Company, Kendallville, Ind. Merchandise display cabinet. 139,162; Oct. 17.

Timmis, Hari C., assignor to McCray Refrigerator Company, Kendallville, Ind. Merchandise display cabinet. 139,163; Oct. 17.

Timmis, Hari C., assignor to McCray Refrigerator Company, Kendallville, Ind. Merchandise display cabinet. 139,164; Oct. 17.

Timmis, Hari C. assignor to McCray Refrigerator Company, Kendallville, Ind. Beverage dispenser. 139,232; Oct. 24.

Tip Top Toy Company. (See Robins, Adolf, assignor.)

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 136,963; Jan. 4.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 136,964; Jan. 4.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 137,007; Jan. 11.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 137,008; Jan. 11.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 137,009; Jan. 11.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 137,010; Jan. 11.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 137,011; Jan. 11.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 137,012; Jan. 11.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 137,013; Jan. 11.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 137,014; Jan. 11.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 137,015; Jan. 11.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 137,016; Jan. 11.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 137,017; Jan. 11.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 137,018; Jan. 11.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 137,019; Jan. 11.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 137,020; Jan. 11.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 137,021; Jan. 11.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 137,022; Jan. 11.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 137,066; Jan. 18.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 137,067; Jan. 18.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 137,215; Feb. 8.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 137,216; Feb. 8.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 137,217; Feb. 8.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 137,218; Feb. 8.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 137,219; Feb. 8.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 137,289; Feb. 15.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 137,365; Feb. 22.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 137,447; Mar. 14.

Tobler, Hans, Teaneck Township, Bergen County, N. J. Applique or the like. 137,550; Mar. 28.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 137,650; Apr. 11.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 137,651; Apr. 11.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 138,145; June 27.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 138,146; June 27.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 138,147; June 27.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 138,231; July 11.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 138,232; July 11.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 138,233; July 11.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 138,234; July 11.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 138,235; July 11.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 138,236; July 11.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 138,890; Sept. 26.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 138,891; Sept. 26.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 138,892; Sept. 26.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 138,893; Sept. 26.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 138,894; Sept. 26.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 138,895; Sept. 26.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 139,269; Oct. 31.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 139,270; Oct. 31.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 139,271; Oct. 31.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 139,272; Oct. 31.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 139,273; Oct. 31.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 139,274; Oct. 31.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 139,275; Oct. 31.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 139,810; Dec. 26.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 139,811; Dec. 26.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 139,812; Dec. 26.

Toce, Charles A. and V. J., assignors to Federal Aircraft Engine Corporation, Houston, Tex. Combined piston and compression head or similar article. 138,548; Aug. 15.

Toce, Victor J. (See Toce, Charles A. and V. J.)

Todd, Floyd B. (See Van Scoy, K. E., and Todd.)

Tolbert, Arthur A., assignor to Texas Tanning & Manufacturing Co., Yoakum, Tex. Back for billfold or similar article. 138,355; July 18.

Tomasini, Peter T., Sunnyside, N. Y. Adjustable curve ruler. 136,978; Jan. 4.

Tompkins, Harry J., Pasadena, Calif., assignor to W. L. Willkie, New York, N. Y. Flag. 139,205; Oct. 17.

Tomsick, Walter, Los Angeles, Calif. Marine cable tool. 137,414; Mar. 7.

Toone, Frederick J. (See Mee, S. N. S., and Toone.)

Torian, Robert C., Beehive, Mont. Match folder. 137,335; Feb. 22.

Torian, Robert C., Beehive, Mont. Combination comb and fingernail file. 137,721; Apr. 18.

Tornblom, Nils A., Chicago, Ill., assignor to Appleton Electric Company, Handle for an automobile spotlight. 137,823; May 2.

Townsend, Ferdinand E., St. Johnsbury, Vt., assignor to Fairbanks, Morse & Co., Chicago, Ill. Weighing scale. 138,096; June 13.

Toy Creations Inc. (See Pitts, Thomas D., assignor.)

Trabucco, Vincent R., assignor to Steger Furniture Mfg. Co., Steger, Ill. Vehicle or the like. 138,758; Sept. 5.

Traina, Anthony, New York, N. Y. Dress. 137,186; Feb. 1.

Traina, Anthony, New York, N. Y. Dress. 137,187; Feb. 1.

Traina, Anthony, New York, N. Y. Dress. 137,188; Feb. 1.

Traina, Anthony, New York, N. Y. Dress ensemble. 137,189; Feb. 1.

Traina, Anthony, New York, N. Y. Dress ensemble. 137,253; Feb. 8.

Traina, Anthony, New York, N. Y. Dress ensemble. 137,315; Feb. 15.

Treadway, William L., assignor to the Horton Manufacturing Company, Bristol, Conn. Line guide for fishing rods. 139,411; Nov. 14.

Trecek, Louis, assignor to The Celon Company, Madison, Wis. Combined toothbrush and holder. 139,532; Nov. 28.

Treganowen, Dorothy H., San Francisco, Calif. Cigarette case. 139,199; Oct. 17.

Treitel-Gratz Company. (See Treitel, Harold A., assignor.)

Treitel, Harold A., assignor to Treitel-Gratz Company, Inc., New York, N. Y. Serving table. 138,787, Sept. 12.

Tremper, John S., Bethlehem, Pa. Dart game board. 137,907; May 16.

Triay, Ferdinand G., Galashiels, England. Game board. 137,722; Apr. 18.

Trifonoff, Boris, assignor of fifty per cent to George B. Marsh, East Liverpool, Ohio. Salt shaker. 139,356; July 18.

Trifonoff, Boris, assignor of fifty per cent to George B. Marsh, East Liverpool, Ohio. Pepper shaker. 138,357; July 18.

Trims Company. (See Burton, William, assignor.)

Trinajstich, Florian E., Los Angeles, Calif. Electric welding rod holder. 137,520; Mar. 21.

Trombley, Bertrand N., Oak Park, assignor to The Murray Corporation of America, Detroit, Mich. Faucet. 139,354; Nov. 7.

Trombley, Bertrand N., Oak Park, assignor to The Murray Corporation of America, Detroit, Mich. Faucet. 139,355; Nov. 7.

Trombley, Bertrand N., Oak Park, assignor to The Murray Corporation of America, Detroit, Mich. Lavatory. 139,483; Nov. 21.

Trossman, Harold, et al. (See Trossman, Sam, assignor.)

Trossman, Marvin, et al. (See Trossman, Sam, assignor.)

Trossman, Norman, et al. (See Trossman, Sam, assignor.)

Trossman, Sam, assignor to S. N., H., and M. Trossman, doing business as Estee Bedding Company, Chicago, Ill. Baby's mattress cover. 139,298; Oct. 31.

Trude, Mary, Los Angeles, Calif., assignor to Women's Ambulance and Defense Corps. Badge or the like. 137,503; Mar. 21.

Truhon, John A., Detroit, Mich. Adjustable lettering device. 139,700; Dec. 12.

Tuller, Erwin, Beaverton, Oreg. Hand weeding and cultivating implement. 137,329; Feb. 22.

Turk, Percy, Houston, Tex. Ring or the like. 139,317; Oct. 31.

Turnbull, William J., Garden City, N. Y., assignor to The Glenn L. Martin Company, Baltimore, Md. Control handle unit. 139,259; Oct. 24.

Turner and Harrison Steel Pen Manufacturing Company, The. (See Stroh, Roy E., assignor.)

Tweed, Glenn O., Minneapolis, Minn. Game board. 138,928; Sept. 26.

Uhlik, John L., Los Angeles, Calif. Game board. 137,382; Feb. 29.

Uhrmann, Carl J., assignor to Imperial Glass Corporation, Bellaire, Ohio. Goblet or similar article. 137,211; Feb. 8.

Uihlein, George V., Worcester, Mass. Carpet or similar article. 137,529; Mar. 28.

Ulevich, Joseph. (See Mangan, John M., assignor.)

Ulvad, Bernard, assignor to Fosgood Corporation, Leominster, Mass. Sun goggle or the like. 139,414; Nov. 14.

Uncas Manufacturing Company. (See Barbieri, Nicholas, assignor.)

United Aircraft Corporation. (See Sikorsky, Igor I., assignor.)

United States Cabinet Bed Co. (See Martin, Joseph, assignor.)

United Wall Paper Factories, Inc. (See Burton, William, assignor.)

Upjohn Company, The. (See Laure, George R., assignor.)

Usinger, Carl, Wauwatosa, Wis. Pinch type heat sealer. 138,005; May 30.

Van Buren, Charles J., Fort Lauderdale, Fla. Head for venetian blinds. 138,967; Oct. 3.

Van Cleef Bros. (See Van Cleef, Felix, assignor.)

Van Cleef, Felix, assignor to Van Cleef Bros., Chicago, Ill. Temporary seal for the ends of tubes. 137,487; Mar. 21.

Van Prooyen, William, East Grand Rapids, assignor to Forbes Stamp Company, Grand Rapids, Mich. Handle. 139,316; Oct. 31.

Van Scoy, Kenneth E., and F. B. Todd, assignors to Butler Manufacturing Company, Kansas City, Mo. Airplane hangar. 138,447; Aug. 8.

Van Tuyd Engineering Corporation. (See Grafman, Abraham J., assignor.)

Van Zelm, Willem D., Ruxton, assignor to The Glenn L. Martin Company, Baltimore, Md. Airplane. 138,217; July 4.

Van Zelm, Willem D., Ruxton, assignor to The Glenn L. Martin Company, Baltimore, Md. Airplane. 138,218; July 4.

Vandersee, Harry H. (See Baldwin, C. P., and Vandersee.)

Veltheer, James, and T. C. Glenn, Toronto, Ontario, Canada. Corner display cabinet. 137,897; May 16.

Verplex Company, The. (See Solomon, Joseph W., assignor.)

Victor Metal Products Corporation. (See Apfelbaum, Huna L., assignor.)

Victor Metal Products Corporation. (See Derham, Philip A., assignor.)

Victor Metal Products Corporation. (See Sapery, Stanley, assignor.)

Victor Metals Products Corporation. (See Jung, Albert H., assignor.)

Victory Toy Company. (See Baron, Moe, assignor.)

Vidal Corporation. (See Weber, John, assignor.)

Vincenso, Louise, Hartford, Conn. Dress. 138,479; Aug. 8.

Vine, Thomas L., New York, N. Y. Muff. 137,671; Apr. 11.

Vine, Thomas L., New York, N. Y. Toy. 139,401; Nov. 7.

Vinson, Kizzie C., Louisa, Ky. Cigarette. 137,300; Feb. 15.

Vitolo, Philip, Long Island City, assignor to National Silver Company, New York, N. Y. Fork or other article of flatware. 137,880; May 9.

Vogel, Sue, New York, N. Y. Apron. 137,433; Mar. 7.

Volf, Christian A., Van Nuys, Calif., assignor to M. T. Quigg, New York, N. Y. Sound resonating and modulating cabinet. 138,385; July 25.

Volf, Christian A., Van Nuys, Calif., assignor to M. T. Quigg, New York, N. Y. Wall resonator and sound distributor. 138,386; July 25.

Von Cseh, Louis L., East Cleveland, assignor to Meters & Pumps, Inc., Cleveland, Ohio. Electric toaster. 138,140; June 27.

Von Cseh, Louis L., East Cleveland, assignor to Meters & Pumps, Inc., Cleveland, Ohio. Radio cabinet or similar article. 139,029; Oct. 3.

Von Cseh, Louis L., East Cleveland, assignor to Meters & Pumps, Inc., Cleveland, Ohio. Radio cabinet or similar article. 139,030; Oct. 3.

Von Cseh, Louis L., East Cleveland, assignor to Meters & Pumps, Inc., Cleveland, Ohio. Radio cabinet or similar article. 139,031; Oct. 3.

Von Hartmann, Evelyn, Westwood, N. J., assignor to Novelart Manufacturing Company. Display package for stationery or the like. 139,796; Dec. 19.

Vuksich, Helen, Duluth, Minn. Cutting attachment for pencils or the like. 139,558; Nov. 28.

Wachter, Frank L., Detroit, Mich. Capsule tray. 138,968; Oct. 3.

Wade, Jessie M., Los Angeles, Calif. Cradle. 139,630; Dec. 5.

Wade, Nancy L., Los Angeles, Calif. Bowl for flowers or the like. 139,799; Dec. 19.

Wade, William T., Los Angeles, Calif. Combined child's vehicle and package carriage. 137,036; Jan. 11.

Wagner, E. R., Manufacturing Company. (See Thiele, Berthold R., assignor.)

Wagner, E. R., Manufacturing Company. (See Wagner, Robert S., assignor.)

Wagner, Gustave H. (See Wagner, Harold A. and G. H.)

Wagner, Harold A. and G. H., Portland, Oreg. Portable concrete mixer. 137,043; Jan. 11.

Wagner, Raebelle, Freehold, N. J. Knife. 139,187; Oct. 17.

Wagner, Raebelle, Freehold, N. J. Combined reflector bulb and stand. 139,715; Dec. 12.

Wagner, Robert S., assignor to E. R. Wagner Manufacturing Company, Milwaukee, Wis. Keeper plate for suit cases and the like. 137,068; Jan. 18.

Walcott, Stuart R. (See Lins, Carl G., assignor.)

Waldinger, Maurice J., Flushing, N. Y. Mechanical pencil. 138,825; Sept. 19.

Waldinger, Maurice J., Flushing, N. Y. Fountain pen. 138,826; Sept. 19.

Wales, Nathaniel B., Detroit, Mich. Venetian blind. 137,136; Jan. 25.

Wales, Nathaniel B., assignor to N. Bel Geddes & Company, New York, N. Y. Film viewer casing. 138,751; Sept. 5.

Wales, Nathaniel B., assignor to Norman Bel Geddes & Company, New York, N. Y. Projection machine cabinet. 139,200; Oct. 17.

Walker, Charles F., and D. Murray, Philadelphia, Pa. Sandal. 139,838; Dec. 26.

Walker, Dallas E., Tampa, Fla. Combined door and push-grill. 137,663; Apr. 11.

Walker, George W., Pleasant Ridge, assignor to Bohn Aluminum Brass Corporation, Detroit, Mich. Service station building. 139,217; Oct. 24.

Walker, George W., Pleasant Ridge, assignor to Bohn Aluminum & Brass Corporation, Detroit, Mich. Station wagon. 139,455; Nov. 14.

Walker, George W., Pleasant Ridge, assignor to Bohn Aluminum & Brass Corporation, Detroit, Mich. House. 139,494; Nov. 21.

Walker, George W., Pleasant Ridge, assignor to Bohn Aluminum & Brass Corporation, Detroit, Mich. Refrigerator. 139,533; Nov. 28.

Walker, George W., Pleasant Ridge, assignor to Bohn Aluminum & Brass Corporation, Detroit, Mich. Apartment house. 139,559; Nov. 28.

Walker, George W., Pleasant Ridge, assignor to Bohn Aluminum & Brass Corporation, Detroit, Mich. Automobile. 139,631; Dec. 5.

Walker, George W., Pleasant Ridge, assignor to Bohn Aluminum & Brass Corporation, Detroit, Mich. Helicopter. 139,632; Dec. 5.

Walker, George W., Pleasant Ridge, assignor to Bohn Aluminum & Brass Corporation, Detroit, Mich. Bus. 139,633; Dec. 5.

Walker, George W., Pleasant Ridge, assignor to Bohn Aluminum & Brass Corporation, Detroit, Mich. Airplane. 139,634; Dec. 5.

Walker, George W., Pleasant Ridge, assignor to Bohn Aluminum & Brass Corporation, Detroit, Mich. Tractor. 139,635; Dec. 5.

Walker, George W., Pleasant Ridge, assignor to Bohn Aluminum & Brass Corporation, Detroit, Mich. Automobile. 139,636; Dec. 5.

Walker, George W., Pleasant Ridge, assignor to Bohn Aluminum & Brass Corporation, Detroit, Mich. Truck. 139,637; Dec. 5.

Walker, Joseph, Cannonsburg, Pa. Pin or similar article of jewelry. 139,813; Dec. 26.

Walker, Joset, New York, N. Y. Dress. 137,113; Jan. 18.

Walker, Joset, New York, N. Y. Dress. 137,114; Jan. 18.

Walker, Joset, New York, N. Y. Dress. 137,149; Jan. 25.

Walker, Joset, New York, N. Y. Dress. 137,190; Feb. 1.

Walker, Joset, New York, N. Y. Dress. 137,191; Feb. 1.

Walker, Joset, New York, N. Y. Dress. 137,192; Feb. 1.

Walker, Joset, New York, N. Y. Dress. 137,193; Feb. 1.

Walker, Joset, New York, N. Y. Dress. 137,366; Feb. 22.

Walker, Joset, New York, N. Y. Dress. 137,456; Mar. 14.

Walker, Joset, New York, N. Y. Dress. 137,457; Mar. 14.

Walker, Joset, New York, N. Y. Blouse. 137,561; Mar. 28.

Walker, Joset, New York, N. Y. Skirt. 137,775; Apr. 25.

Walker, Joset, New York, N. Y. Dress. 137,776; Apr. 25.

Walker, Joset, New York, N. Y. Finger ring. 137,991; May 30.

Walker, Joset, New York, N. Y. Skirt. 138,101; June 13.

Walker, Joset, New York, N. Y. Dress. 138,133; June 20.

Walker, Joset, New York, N. Y. Dress. 138,618; Aug. 22.

Walker, Joset, New York, N. Y. Dress. 138,724; Sept. 5.

Walker, Joset, New York, N. Y. Dress. 138,725; Sept. 6.
Walker, Joset, New York, N. Y. Dress. 139,456; Nov. 14.
Walker, Joset, New York, N. Y. Dress. 139,733; Dec. 12.
Walker Manufacturing Company of Wisconsin. (See McCann, Charles S., assignor.)
Walker, William L., Detroit, Mich. Button. 138,023; June 6.
Wall, Thomas W., New Rochelle, N. Y. Saucer. 137,881; May 9.
Wallace, R., & Sons Manufacturing Company. (See Warren, William S., assignor.)
Wallas, Thomas L., Baltimore, Md. Comb. 137,367; Feb. 22.
Walsh, James V., Kenmore, N. Y. Lawn sprinkler. 139,722; Dec. 12.
Walters, Lewis, New York, N. Y. Blade for paper box opener. 139,299; Oct. 31.
Walther, John L., New York, N. Y. Woven textile fabric. 137,504; Mar. 21.
Walther, John L., New York, N. Y. Woven textile fabric. 138,301; July 11.
Walther, John L., New York, N. Y. Woven textile fabric. 138,302; July 11.
Wandel, Bronislaw, Boston, Mass. Clamp for bedclothes. 138,963; Oct. 3.
Wandell, Timothy D., Steamboat Springs, Colo. Highway signal. 139,032; Oct. 3.
Wandt, Carl, New York, N. Y. Lapel ornament or similar article. 137,422; Mar. 7.
War Food Administration, United States of America, as represented by Marvin Jones, Administrator of the, and his successors in office. (See Houghton, H. E., and Cryle, assignors.)
War Food Administration, United States of America, as represented by Marvin Jones, Administrator of the, and his successors in office. (See Houghton, H. E., and Hall, assignors.)
War Food Administration, and his successors in office, United States of America, as represented by Chester C. Davis, Administrator of the. (See Scott, C. L., Shelby, Carney, and Meloche, assignors.)
War Food Administration, United States of America, as represented by Chester C. Davis, Administrator of the, and his successors in office. (See Scott, C. L., Shelby, Carney, and Meloche.)
Ward, Lawrence T. (See Kochner, W. B., and Ward.)
Warner, Ernest L., Los Angeles, Calif. Calendar. 137,530; Mar. 28.
Warner, Mason M., Chicago, Ill. Electric hand lamp. 138,953; Sept. 26.
Warner, Max M., New York, N. Y. Handbag. 139,765; Dec. 19.
Warren, William S., Meriden, assignor to R. Wallace & Sons Manufacturing Company, Wallingford, Conn. Spoon or other article of flatware. 138,562; Aug. 22.
Warren, William S., Meriden, assignor to R. Wallace & Sons Manufacturing Company, Wallingford, Conn. Spoon or other article of flatware. 138,563; Aug. 22.
Warren, William S., Meriden, assignor to R. Wallace & Sons Manufacturing Company, Wallingford, Conn. Spoon or other article of flatware. 138,564; Aug. 22.
Washam, Charles E., Fort Benning, Ga. Combination wrist watch and picture frame and strap therefor. 137,330; Feb. 22.
Wasson, Fred C., Alhambra, Calif. Toy airplane. 138,229; July 18.
Waters, Bertha C., Kansas City, Kans. Maternity gown. 137,290; Feb. 15.
Waterval, William, Brooklyn, N. Y. Combined shaftless propeller and support therefor. 138,752; Sept. 5.
Watkins, Frank W., Cleveland, Ohio. Desk or table lamp. 137,524; May 2.
Watkins, Frank W., Cleveland, Ohio. Desk or table lamp. 137,525; May 2.
Watkins, Frank W., Cleveland, Ohio. Desk or table lamp. 137,526; May 2.
Watkins, Frank W., Cleveland, Ohio. Desk or table lamp. 137,527; May 2.
Wayne, William T. (See Lasenby, L. P., Reeves, and Wayne.)
Weber, John, Milton, Pa., assignor to Vidal Corporation, Camden, N. J. Chair. 139,239; Oct. 24.
Weber, Robert, and E. Salvage, New York, N. Y. Optical frame. 138,148; June 27.
Weco Products Company. (See Després, Lilly D., assignor.)
Weeks, Wendy, assignor to A. M. Zellermayer, New York, N. Y. Combined bottle and display holder therefor. 139,004; Oct. 3.
Weeks, Wesley D., Phillips, Tex. Tray or similar article. 138,358; July 18.
Wegerbeder, Joseph C., Little Falls, Minn. Toy. 137,423; Mar. 7.
Wegner, Erwin J., Bay City, Mich. Toy rabbit. 139,276; Oct. 31.
Wegner, Erwin J., Bay City, Mich. Toy duck. 139,300; Oct. 31.
Weil, Herbert, Jr., assignor to Celomat Corp., New York, N. Y. Collapsible picture frame. 137,060; Jan. 18.
Weill, Bruno R., Statesville, N. C., assignor to Thonet Brothers, Inc., New York, N. Y. Table. 139,457; Nov. 14.
Weiner, Ben, Lewiston, Maine. Shoe. 139,240; Oct. 24.
Weiner, Jack, New York, N. Y. Embroidered trimming or the like. 137,896; May 16.
Weinstein, Hyman. (See Fishberger, I., Weinstein, and Levine.)
Weireter, Frank L., assignor to Fibro Container Corporation, Minneapolis, Minn. Toy. 138,237; July 11.
Weis, Edith, New York, N. Y. Combination curtain rod and suspending means. 137,956; May 23.
Weiss, Jacob, New York, N. Y. Combined pencil and knife. 138,875; Sept. 26.
Weksler, Harry, assignor to Weksler Thermometer Corporation, New York, N. Y. Thermometer case. 138,664; Aug. 29.
Weksler Thermometer Corporation. (See Weksler, Harry, assignor.)
Welch, Earl J., Lorain, Ohio. Combination jar lid lifter and bottle cap remover. 138,167; June 27.
Welk, Lawrence, Chicago, Ill. Menu card. 137,469; Mar. 14.
Wells, Claude, Milwaukee, Wis. Stroller. 137,882; May 9.
Wells-Gardner & Co. (See Peterson, Clyde A., assignor.)
Wells, Ida M., Los Angeles, Calif. Foldable double deck bed. 137,505; Mar. 21.
Wendland, William V., Milwaukee, Wis. Game board. 137,652; Apr. 11.
Wentling, William L., Euclid, Ohio. Beverage serving tray. 139,560; Nov. 28.
Wentling, William L., Euclid, Ohio. Beverage serving tray. 139,561; Nov. 28.
Wentling, William L., Euclid, Ohio. Beverage serving tray. 139,562; Nov. 28.
Werner, William G., and C. T. Gerhart, assignors to The Procter & Gamble Company, Cincinnati, Ohio. Bar of soap. 138,687; Aug. 29.
Westerman, Alexander. (See De Pasquale, J., and Westerman.)
Westerman, Alexander, and J. De Pasquale, assignors to Hardy Metal Specialties Inc., Brooklyn, N. Y. Decorative plastic material. 139,559; Nov. 28.
Westmore, Florence E., North Hollywood, Calif. Handbag. 137,070; Jan. 18.
Wetterhahn, Siegbert, New York, N. Y. Combined wallet and case for keys and similar items. 137,470; Mar. 14.
Weyenberg, Sylvester A., Hartland, Wis. Precision instrument case. 137,184; Feb. 1.
Wharton, Glenn C., Omaha, Nebr. Jodhpur. 136,965; Jan. 4.
White, George E., Bradenton, Fla. Vase or similar article of manufacture. 138,408; Aug. 1.
White, George E., Bradenton, Fla. Soap and brush holder or similar article of manufacture. 139,716; Dec. 12.
White, George E., Bradenton, Fla. Soap and brush holder or similar article of manufacture. 139,717; Dec. 12.
White, Kessler W., Richmond, Va. Game board. 137,424; Mar. 7.
White, Paul W., Fort Lauderdale, Fla. Buckle. 138,621; Aug. 29.
White, Paul W., Fort Lauderdale, Fla. Buckle. 138,622; Aug. 29.
White, Paul W., Fort Lauderdale, Fla. Buckle. 138,623; Aug. 29.
White, Paul W., Fort Lauderdale, Fla. Buckle. 138,624; Aug. 29.
White, Paul W., Fort Lauderdale, Fla. Buckle. 138,625; Aug. 29.
White, Paul W., Fort Lauderdale, Fla. Buckle. 138,626; Aug. 29.
Whiteford, Errington A., Darien, Conn. Paper or the like. 138,273; July 11.
Whiteford, Errington A., Darien, Conn. Paper or the like. 138,609; Sept. 5.
Whitesell, Robert O., and W. W. Dehn, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Portable electric rectifying device. 138,383; July 25.
Wickbergh, Albert G., Venice, Calif. Saw handle or similar article. 139,218; Oct. 24.
Widder, J., & Co. (See Widder, William, assignor.)
Widder, William, assignor to J. Widder & Co., New York, N. Y. Display album. 137,883; May 9.
Widen, Gunnar G., Minneapolis, Minn. Game board. 138,980; Oct. 3.
Wieder, Sam, New York, N. Y. Suit or similar article. 139,362; Nov. 7.
Wieder, Sam, New York, N. Y. Suit or similar article. 139,363; Nov. 7.
Wieder, Sam, New York, N. Y. Suit or similar article. 139,364; Nov. 7.
Wiener, Jack, New York, N. Y. Embroidered lace. 137,271; Feb. 15.
Wiener, Jack, New York, N. Y. Embroidered trimming or the like. 137,415; Mar. 7.
Wiener, Jack, New York, N. Y. Embroidered trimming or the like. 137,416; Mar. 7.
Wiener, Jack, New York, N. Y. Embroidered trimming or the like. 137,691; Apr. 18.
Wiener, Jack, New York, N. Y. Embroidered trimming or the like. 137,898; May 16.
Wiener, Jack, New York, N. Y. Embroidered trimming or the like. 137,899; May 16.

Wiener, Jack, New York, N. Y. Embroidered trimming or the like. 137,900; May 16.
Wiener, Jack, New York, N. Y. Embroidered trimming or the like. 137,901; May 16.
Wiener, Jack, New York, N. Y. Embroidered trimming or the like. 137,902; May 16.
Wiener, Jack, New York, N. Y. Embroidered trimming or the like. 137,957; May 23.
Wiener, Jack New York, N. Y. Embroidered trimming or the like. 138,404; Aug. 1.
Wilcox, Philip E., New York, N. Y., assignor to Standard Machinery Company, Cranston, R. I. Punch press or similar machine. 139,034; Oct. 10.
Wilcox, Philip E., New York, N. Y., assignor to Standard Machinery Company, Cranston, R. I. Punch press or similar machine. 139,035; Oct. 10.
Wilcox, Philip E., New York, N. Y., assignor to Standard Machinery Company, Cranston, R. I. Punch press or similar machine. 139,036; Oct. 10.
Wilcox, Philip E., New York, N. Y., assignor to Standard Machinery Company, Cranston, R. I. Punch press or similar machine. 139,037; Oct. 10.
Wilde, Hans W., North Bergen, N. J. Textile fabric. 137,755; Apr. 25.
Wilde, Hans W., North Bergen, N. J. Textile fabric. 137,756; Apr. 25.
Wilde, John P., Sands Point, N. Y. Bottle. 139,573; Nov. 28.
Wilen, Charles H., Laguna Beach, Calif. Swimmer's mask. 138,286; July 11.
Wilkens, Emily, New York, N. Y. Dress. 137,562; Mar. 28.
Wilkens, Emily, New York, N. Y. Dress. 137,563; Mar. 28.
Wilkens, Emily, New York, N. Y. Dress. 137,564; Mar. 28.
Wilkens, Emily, New York, N. Y. Pinafore. 137,565; Mar. 28.
Wilkens, Emily, New York, N. Y. Dress. 137,566; Mar. 28.
Wilkens, Emily, New York, N. Y. Dress. 137,630; Apr. 4.
Wilkens, Emily, New York, N. Y. Play suit ensemble. 137,672; Apr. 11.
Wilkens, Emily, New York, N. Y. Dress. 137,723; Apr. 18.
Wilkens, Emily, New York, N. Y. Play-suit ensemble. 137,724; Apr. 18.
Wilkens, Emily, New York, N. Y. Bathing suit. 137,757; Apr. 25.
Wilkens, Emily, New York, N. Y. Dress. 138,426; Aug. 1.
Wilkens, Emily, New York, N. Y. Dress. 138,427; Aug. 1.
Wilkens, Emily, New York, N. Y. Dress ensemble. 138,428; Aug. 1.
Wilkens, Emily, New York, N. Y. Dress ensemble. 138,429; Aug. 1.
Wilkens, Emily, New York, N. Y. Dress. 138,430; Aug. 1.
Wilkens, Emily, New York, N. Y. Dress. 138,431; Aug. 1.
Wilkens, Emily, New York, N. Y. Dress ensemble. 139,132; Oct. 10.
Wilkens, Emily, New York, N. Y. Dress ensemble. 139,133; Oct. 10.
Wilkie, James W., Bloomington, assignor to Savage Tool Company, Savage, Minn. Box for precision gauge block sets. 138,665; Aug. 29.
Williamette Hyster Company. (See Johnson, George V., assignor.)
Willems, Henry J., Kenosha, Wis. Confectionary product. 137,301; Feb. 15.
Williams, David H. (See Hite, W. A., Harvuot, and Williams.)
Williams, William G., Anaheim, Calif. Tie rack. 139,718; Dec. 12.
Willis, Edward V., Port Washington, N. Y. Airplane. 137,673; Apr. 11.
Willkie, Wendell L. (See Tompkins, Harry J., assignor.)
Wilmsen, B. (See Schmid, Albert P., assignor.)
Wilson, Guy Kenneth. (See Smith, E. F., and Wilson.)
Wilson, Harry C., Huntington Park, Calif. Holder for machine tool cutters. 137,803; May 2.
Wilson, Harry C., Beverly Hills, assignor to R. H. Clark, Los Angeles, Calif. Fixture for holding a thread-cutting tool, or the like, while grinding the cutting end thereof. 138,368; July 25.
Wilson, Harry C., Beverly Hills, assignor to R. H. Clark, Los Angeles, Calif. Tool holder. 138,369; July 25.
Wilson, Harry C., Beverly Hills, assignor to R. H. Clark, Los Angeles, Calif. Combined drill and cutter. 138,850; Sept. 19.
Wilson, Harry H., Point Pleasant, N. J. Puzzle. 139,590; Nov. 28.
Wilson, John C., assignor to The Thompson Grinder Company, Springfield, Ohio. Grinding machine. 137,121; Jan. 25.
Wilson, Ruth F., St. Paul, Minn. Push toy. 138,191; July 4.
Winders, Frank A., Savannah, Ga. Combined dial and hand for clock or similar article. 137,506; Mar. 21.
Winer, Paschal W., Great Neck, N. Y. Toy airplane or similar article. 136,966; Jan. 4.
Wing, George S., Hermosa Beach, Calif. Combined rivet and collar. 136,579; Aug. 22.
Winkler, Clarence B., et al. (See Pease, Henry E., assignor.)
Winslow, Samuel J., Providence, R. I. Mirror. 139,188; Oct. 17.
Winter, Arthur, Weehawken, N. J. Fountain pen. 139,839; Dec. 26.
Wisecarver, George B., Pineville, Ky. Walking cane. 138,330; July 18.
Wisner, John B. (See Muller, T. C., and Wisner.)
Wittenberg, Erwin F., Milwaukee, Wis. Toy walker for dolls. 138,006; May 30.
Wolcott, Frank E., West Hartford, assignor to The Silex Company, Hartford, Conn. Coffee maker. 139,219; Oct. 24.
Wolf, Joseph F., Cranford, N. J. Toy gun. 137,257; Feb. 8.
Wolf, Morris, New York, N. Y. Combined muff and handbag or similar article. 138,149; June 27.
Wolf, Semon, New York, N. Y. Slip or similar article. 137,893; May 9.
Wolf, Semon, New York, N. Y. Slip or similar article. 137,970; May 23.
Wolf, William, assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth. 138,274; July 11.
Wollner-Clist Inc. (See Clist, Albert D., assignor.)
Women's Ambulance and Defense Corps. (See Trude, Mary, assignor.)
Wood, Carl L., Richmond, Calif. Welding electrode holder. 137,180; Feb. 1.
Wood, Edward, Whitby, Ontario, Canada. Motor car. 137,312; Feb. 15.
Wood, Eleanor R., Beverly Hills, Calif. Ash tray or the like. 138,295; July 11.
Wood, Frank J., Riverside, assignor to Goodman Manufacturing Company, Chicago, Ill. Grid block for a metal treatment trough. 138,666; Aug. 29.
Wood, John, Manufacturing Company. (See Woodford, Joseph C., assignor.)
Wood Newspaper Machinery Corporation. (See Rosengren, H., and Richards, assignors.)
Woodard, Bennett J. (See McGrath, William P., assignor.)
Woodbury, Robert L., U. S. Army, Litchfield, Conn. Climber. 139,625; Dec. 5.
Woodford, Joseph C., Spring Lake, Mich., assignor to John Wood Manufacturing Company, Inc., Philadelphia, Pa. Pump. 138,170; June 27.
Woodward, Hobart R., and F. J. Hickling, Minneapolis, Minn. Game board. 139,220; Oct. 24.
Woolworth, F. W., Co. (See Bovers, William J., assignor.)
Worden, James A., Portage, Wis. Toboggan. 139,386; Nov. 7.
World Publishing Company, The. (See Schulist, Bernard H., assignor.)
Wormeck, Herbert A., assignor to The Enterprise Manufacturing Co. of Pennsylvania, Philadelphia, Pa. Food chopper. 137,023; Jan. 11.
Worth, Joseph, New York, N. Y. Photographic frame rack or similar article. 138,788; Sept. 12.
Wright, Howard C., Glouster, Ohio. Combination high chair, rocking chair, and stool. 139,241; Oct. 24.
Wright, Wallace C., Brookfield, N. H. Shoe welt. 137,071; Jan. 18.
Wright, William, Scarsdale, N. Y. Shoe. 139,106; Oct. 10.
Wurster, David H. (See Schladermundt, P., and Wurster.)
Yale Fabrics Corp. (See Robertson, Willard D., assignor.)
Yale & Towne Manufacturing Company. (See Ledin, Charles, assignor.)
Yandell, Anne, New York, N. Y. Sock or similar article. 139,356; Nov. 7.
Yarcho, Mary L., San Marino, Calif. Cosmetic container. 139,201; Oct. 17.
Yeager, Anton J., assignor to Prentiss Wabers Products Co., Wisconsin Rapids, Wis. Cooking stove. 137,567; Mar. 28.
Yeager, Anton J., assignor to Prentiss Wabers Products Co., Wisconsin Rapids, Wis. Cooking stove. 137,568; Mar. 28.
Yellin, Morris, Chicago, Ill. Cosmetic container. 137,884; May 9.
Young, Fred M., Racine, Wis. Aviation engine oil temperature regulator housing. 138,688; Aug. 29.
Young, Fred M., and W. V. Astrup, assignors to Young Radiator Company, Racine, Wis. Chimney type heat exchanger. 137,258; Feb. 8.
Young, L. A., Company, The. (See Link, Richard A., assignor.)
Young Radiator Company. (See Young, F. M., and Astrup, assignors.)
Young, Willard G., Kenmore, assignor to W. A. Case and Son Manufacturing Company, Buffalo, N. Y. Water closet. 139,563; Nov. 28.
Younghusband, James L., Chicago, Ill. Sachet. 137,152; Jan. 25.
Youngquist, Harry L., San Antonio, Tex. Teething ring. 138,448; Aug. 8.
Zahn, Samuel, New York, N. Y. Dress. 137,194; Feb. 1.
Zahn, Samuel, New York, N. Y. Dress. 137,195; Feb. 1.
Zahn, Samuel, New York, N. Y. Dress. 137,196; Feb. 1.
Zahn, Samuel, New York, N. Y. Dress. 137,507; Mar. 21.
Zahn, Samuel, New York, N. Y. Dress. 137,575; Mar. 28.

Zahn, Samuel, New York, N. Y. Dress. 138,488; Aug. 8.
Zahn, Samuel, New York, N. Y. Dress. 138,489; Aug. 8.
Zahn, Samuel, New York, N. Y. Dress. 138,490; Aug. 8.
Zahn, Samuel, New York, N. Y. Jacket. 138,533; Aug. 15.
Zahn, Samuel, New York, N. Y. Dress. 138,556; Aug. 15.
Zahn, Samuel, New York, N. Y. Dress. 138,869; Sept. 19.
Zanderer, Belle, New York, N. Y. Dress. 137,976; May 23.
Zavada, Frank J., Pittsburgh, Pa. Combination bathroom unit. 139,090; Oct. 10.
Zelinski, Mabel F., Seattle, Wash. Cigarette holder. 137,265; Feb. 8.
Zellermayer, Arthur M. (See Weeks, Wendy, assignor.)
Zenith Radio Corporation. (See Emde, Kurt, assignor.)
Ziegler, Ralph B., assignor to Quaker City Iron Works, Philadelphia, Pa. Truck tank. 138,549; Aug. 15.
Zimmer, Myron J. (See Chandler, J. H., and Zimmer.)
Zimmer, Myron J., Wood Dale, assignor to The Edward Katzinger Company, Chicago, Ill. Can opener. 137,531; Mar. 28.
Zimmer, Myron J., Wood Dale, assignor to The Edward Katzinger Company, Chicago, Ill. Can opener. 137,532; Mar. 28.
Zinser, Paul R., Detroit, Mich. Honor roll plaque. 138,915; Sept. 26.
Zurfehr, William B., St. Louis, and V. J. Berardino, Velda Village, assignors to General Fibre Company, St. Louis, Mo. Plastic safety helmet. 138,796; Sept. 12.
Zylo Ware Corporation. (See Rey, Eudice, assignor.)

LIST OF DISCLAIMERS

Allan, George W., and Albert H. Simpson, Brooklyn, N. Y. Disclaimer filed by the assignee, Intertype Corporation. No. 2,314,324; disclaimer filed Jan. 21, 1944; v. 559; p. 543.

Allen, Lawrence H., Summit, N. J. Disclaimer filed by the assignee, Bell Telephone Laboratories, Incorporated. No. 2,206,385; disclaimer filed Jan. 15, 1944; v. 559; p. 172.

Bailey, Emerson Dudley, and Merlin Martin Brubaker, Wilmington, Del. Disclaimer filed by the assignee, E. I. du Pont de Nemours and Company. No. 2,246,087; disclaimer filed Apr. 27, 1944; v. 562; p. 515.

Baker, Benjamin P., Turtle Creek, and Andrew H. Bakken, Edgewood, Pa. (Two cases.) Disclaimers filed by the assignee, Westinghouse Electric & Manufacturing Company. No. 2,282,153; disclaimers filed May 27 and June 23, 1944; v. 563; p. 573, and v. 565; p. 339.

Beam, Vilynn O., Minneapolis, Minn. Disclaimer filed by the assignee, Minneapolis-Honeywell Regulator Company. No. 2,333,913; disclaimer filed July 17, 1944; v. 565; p. 145.

Beegle, Raymond E., East St. Louis, Ill. Disclaimer filed by the patentee. No. 1,737,908; disclaimer filed June 3, 1944; v. 564; p. 1.

Berger, John H., White Plains, N. Y. Disclaimer filed by the assignee, American Cyanamid Company. No. 2,209,292; disclaimer filed May 5, 1944; v. 563; p. 1.

Biermanns, Josef, Berlin-Friedrichshagen, Kuno Bauerschmidt, Berlin-Karlshorst, and Willy Mutschke, Fredersdorf, near Berlin, Germany. Disclaimer filed by the assignee, General Electric Company. No. 2,306,153; disclaimer filed Apr. 21, 1944; v. 562; p. 345.

Birkenmaier, Theodore, St. Louis, and Carl E. Mosley, Overland, Mo. Disclaimer filed by the assignee, W. N. Matthews Corporation. No. 2,321,122; disclaimer filed Aug. 14, 1944; v. 566; p. 177.

Blair, George W., Mishawaka, Ind. Disclaimer filed by the assignee, Mishawaka Rubber and Woolen Manufacturing Company. No. 2,032,832; disclaimer filed Mar. 1, 1944; v. 560; p. 542.

Brewer, Nicholas L., North Agawam, Mass. Disclaimer filed by the assignee, Savage Arms Corporation. No. 2,223,093; disclaimer filed Dec. 23, 1943; v. 558; p. 505.

Brown, George H., Haddonfield, N. J. Disclaimer filed by the assignee, Radio Corporation of America. No. 2,267,550; disclaimer filed Dec. 20, 1943; v. 558; p. 183.

Campbell, Richard H., Racine, Wis. Disclaimer filed by the assignee, Webster Electric Company. No. 2,162,369; disclaimer filed Nov. 27, 1944; v. 569; p. 357.

Carpenter, Marion Scott, Nutley, N. J. Disclaimer filed by the assignee, Givaudan-Delawanna, Inc. No. 2,004,885; disclaimer filed Jan. 8, 1944; v. 559; p. 1.

Cartwright, Charles Hawley, Corning, and Arthur Francis Turner, Rochester, N. Y. Disclaimer filed by the assignee, Research Corporation. Re. No. 22,076; disclaimer filed Dec. 20, 1943; v. 559; p. 1.

Crocker, Thomas F., Chicago, Ill. Disclaimer filed by the assignee, Automatic Electric Laboratories, Inc.; the inventor consenting. No. 2,249,459; disclaimer filed Mar. 28, 1944; v. 562; p. 8.

Cunningham, Marion Morgan, South Bend, Ind. Disclaimer filed by the assignee, Mishawaka Rubber & Woolen Manufacturing Company. No. 2,326,441; disclaimer filed Mar. 16, 1944; v. 561; p. 343.

Curtis, Frank W., Springfield, Mass. Disclaimer filed by the assignee, Van Norman Company. No. 2,304,779; disclaimer filed Oct. 30, 1944; v. 568; p. 373.

Davidson, John T., Dayton, Ohio. Disclaimer filed by the assignee, The National Cash Register Company. Re. No. 21,051; disclaimer filed Apr. 20, 1944; v. 562; p. 345.

Derman, Harry, Laurelton, Long Island, N. Y. (Two cases.) Disclaimers filed by the patentee. Nos. 2,009,482 and 2,274,533; disclaimers filed Jan. 25, 1944; v. 559; p. 543.

Deyrup, Alden J., Elizabeth, N. J. Disclaimer filed by the assignee, E. I. du Pont de Nemours and Company. No. 2,275,868; disclaimer filed Apr. 13, 1944; v. 562; p. 345.

Elliott, Ralph M., Minneapolis, Minn. Disclaimer filed by the assignee, The Lehman Company of America, Inc. No. 1,724,569; disclaimer filed Feb. 24, 1944; v. 560; p. 390.

Erdman, Harvey C., Shaker Heights, Ohio. Disclaimer filed by the assignee, The National Screw & Manufacturing Company. No. 2,283,494; disclaimer filed Aug. 10, 1944; v. 566; p. 11.

Fischer, Hans, Yonkers, N. Y. Disclaimer filed by the assignee, Lanova Corporation. No. 2,281,685; disclaimer filed Nov. 15, 1944; v. 569; p. 1.

Ford, James G., Forest Hills, Pa. Disclaimer filed by the assignee, Westinghouse Electric and Manufacturing Company. No. 1,967,770; disclaimer filed Feb. 12, 1944; v. 560; p. 390.

Franz, Erwin E., Cranford, N. J. Disclaimer filed by the assignee, Western Electric Company, Incorporated. No. 2,348,798; disclaimer filed July 28, 1944; v. 566; p. 11.

Freeman, Robert L., Flushing, N. Y. Disclaimer filed by the inventor, the assignee, Haseltine Corporation, assenting. No. 2,261,800; disclaimer filed June 22, 1944; v. 565; p. 16.

Garrison, Allen D., and Charles F. Teichmann, Beaumont, Tex. Disclaimer filed by the assignee, The Texas Company. No. 2,218,025; disclaimer filed Apr. 12, 1944; v. 562; p. 175.

Getty, Ralph J., Pittsburgh, Pa. Disclaimer filed by the assignee, William J. Miller. No. 2,139,362; disclaimer filed June 17, 1944; v. 564; p. 349.

Godfrey, Donald V., Girard, Pa. Disclaimer filed by the assignee, Louis Marx & Company, Inc. No. 2,313,335; disclaimer filed Jan. 22, 1944; v. 559; p. 543.

Groll, Herbert P. A., Berkeley, and James Burgin, Oakland, Calif. (Two cases.) Disclaimers filed by the assignee, Shell Development Company. Nos. 2,184,235 and 2,270,165; disclaimers filed Dec. 30, 1943; v. 559; p. 1.

Hallstream, Henning, Braintree, Mass. Disclaimer filed by the assignee, Dexter Folder Company. No. 2,144,057; disclaimer filed Aug. 28, 1944; v. 566; p. 509.

Hansen, Merlin, and Robert K. Hall, Waterloo, Iowa. Disclaimer filed by the assignee, John Deere Tractor Company. No. 2,311,828; disclaimer filed July 10, 1944; v. 566; p. 145.

Herold, Edward W., Verona, N. J. Disclaimer filed by the assignee, Radio Corporation of America. No. 2,235,498; disclaimer filed Jan. 15, 1944; v. 559; p. 172.

Hildebrecht, Charles V., Chicago, Ill. Disclaimer filed by the assignee, Milwaukee Gas Specialty Company; the inventor, assenting. No. 2,290,048; disclaimer filed July 13, 1944; v. 565; p. 339.

Huddle, Edwin F., Elmwood Park, Ill. Disclaimer filed by the assignee, International Harvester Company. No. 2,320,134; disclaimer filed Oct. 8, 1943; v. 558; p. 183.

Huntman, Charles B., New York, N. Y. Disclaimer filed by the assignee, Huntman Stabilizer Corporation. No. 1,971,957; disclaimer filed Dec. 31, 1943; v. 559; p. 1.

Huntman, Charles B., Plainfield, N. J. (Two cases.) Disclaimers filed by the assignee, Huntman Stabilizer Corporation. Nos. 2,089,263 and 2,107,183; disclaimers filed Dec. 31, 1943; v. 559; p. 1.

Irwin, James C., Jr., Kansas City, Mo. Disclaimer filed by the assignee, United States Cold Storage Corporation. No. 2,292,447; disclaimer filed May 10, 1944; v. 562; p. 691.

Jeffrey, Robert K., Columbus, Ohio. Disclaimer filed by the assignee, The Jeffrey Manufacturing Company. No. 2,331,694; disclaimer filed Feb. 5, 1944; v. 560; p. 1.

Keely, Leroy F., Milwaukee, Wis. Disclaimer filed by the inventor; the assignee, The Louis Allis Company, assenting. No. 2,055,931; disclaimer filed Apr. 29, 1944; v. 563; p. 691.

Kilgore, Lee A., Forest Hills, Pa. Disclaimer filed by the assignee, Westinghouse Electric & Manufacturing Company. No. 2,340,059; disclaimer filed Nov. 25, 1944; v. 569; p. 529.

Knoblock, Eugene C., South Bend, Ind. Disclaimer filed by the assignee, Mastic Asphalt Corporation. No. 2,210,321; disclaimer filed Feb. 12, 1944; v. 560; p. 191.

Kucher, Andrew A., Dayton, Ohio. Disclaimer filed by the assignee, Westinghouse Electric & Manufacturing Company. Re. No. 19,908; disclaimer filed Feb. 12, 1944; v. 560; p. 191.

Kucher, Andrew A., Chester, Pa. Disclaimer filed by the assignee, Westinghouse Electric and Manufacturing Company. No. 1,719,820; disclaimer filed Feb. 12, 1944; v. 560; p. 390.

Llewelyn, Frederick B., Verona, N. J. Disclaimer filed by the assignee, Bell Telephone Laboratories, Incorporated. Re. No. 21,739; disclaimer filed Sept. 23, 1944; v. 567; p. 380.

Long, James W., Plainfield, and George I. Roberts, Cresskill, N. J. Disclaimer filed by the assignee, The Western Union Telegraph Company. No. 2,250,717; disclaimer filed Feb. 16, 1944; v. 560; p. 390.

Mantz, Harold A., Milwaukee, Wis. Disclaimer filed by the assignee, Milwaukee Gas Specialty Company; the inventor assenting. No. 2,213,844; disclaimer filed Jan. 31, 1944; v. 559; p. 707.

Marple, Rollo, Jackson, Mich. Disclaimer filed by the assignee, Hancock Manufacturing Company. No. 2,324,409; disclaimer filed June 4, 1944; v. 563; p. 573.

McMorris, William A., Fort Sill, Okla. Disclaimer filed by the assignee, General Electric Company. No. 2,305,436; disclaimer filed June 23, 1944; v. 565; p. 16.

Meaker, Ellis R., Auburn, N. Y. Disclaimer filed by the inventor; the assignee, Ivanhoe Foods Inc., consenting. No. 2,206,483; disclaimer filed Mar. 17, 1944; v. 561; p. 343.

Moore, Frank V., Los Angeles, Calif. Disclaimer filed by the assignee, Addressograph Multigraph Corporation. No. 2,295,748; disclaimer filed Sept. 14, 1944; v. 567; p. 380.

Moore, Frank V., Los Angeles, Calif. Disclaimer filed by the assignee, John M. Alford. No. 2,295,748; disclaimer filed Apr. 10, 1944; v. 562; p. 8.

Muller, Robert L., Detroit, Mich. Disclaimer filed by the assignee, Burroughs Adding Machine Company. No. 2,288,916; disclaimer filed Apr. 15, 1944; v. 562; p. 345.

Norris, Ralph Forbush, Madison, Wis. Disclaimer filed by the assignee, Burgess Battery Company. No. 1,726,500; disclaimer filed July 14, 1944; v. 565; p. 339.

Ostline, John Ellis, Chicago, Ill. Disclaimer filed by the assignee, Automatic Electric Laboratories, Inc. No. 2,315,010; disclaimer filed Apr. 6, 1944; v. 562; p. 8.

Pasternack, Richard, Islip, and Ellis Vincent Brown, Cold Spring Harbor, N. Y. Disclaimer filed by the inventors; the assignee, Chas. Pfizer & Co., Inc., consenting. No. 2,332,666; disclaimer filed July 31, 1944; v. 565; p. 519.

Pender, Lloyd G., Detroit, Mich. Disclaimer filed by the assignee, United-Carr Fastener Corporation. No. 2,327,331; disclaimer filed Jan. 31, 1944; v. 559; p. 543.

Peterson, Seth E., Chicago, Ill., and Irvin Geitgey, Elyria, Ohio. Disclaimer filed by the assignee, Automatic Electric Laboratories, Inc. No. 2,273,139; disclaimer filed Mar. 1, 1944; v. 561; p. 343.

Pinkerton, Roderick D., Chicago, Ill. Disclaimer filed by the assignee, Sinclair Refining Company. No. 2,233,144; disclaimer filed Oct. 31, 1944; v. 568; p. 565.

Pollard, Willard L., Evanston, Ill. Disclaimer filed by the assignee, Adiel Y. Dodge. No. 2,283,769; disclaimer filed Dec. 10, 1943; v. 558; p. 1.

Pratt, Harry Preston, Chicago, Ill. (Two cases.) Disclaimers filed by Henry A. Allen, Howard T. Ballard, Morris S. Ballard, and Robert A. Swe, trustees of Pratt Radio Trust, assignee. Re. No. 21,420 and No. 2,043,517; disclaimers filed Feb. 21, 1944; v. 560; p. 390.

Renwick, Frank Forster, and Hardwicke Slingsby Tasker, Ilford, England. Disclaimer filed by the assignee, Ilford Limited. No. 2,289,997; disclaimer filed Nov. 23, 1944; v. 569; p. 357.

Ridgway, William F., Rockford, Ill. Disclaimer filed by the assignee, The Ingersoll Milling Machine Company. No. 2,224,108; disclaimer filed Nov. 10, 1944; v. 569; p. 1.

Ross, John, Michigan City, Ind. Disclaimer filed by the assignee, Sullivan Machinery Company. No. 2,020,215; disclaimer filed Dec. 27, 1943; v. 558; p. 505.

Rust, John B., Verona, N. J. Disclaimer filed by the assignee, Ellis-Foster Company. No. 2,310,038; disclaimer filed Feb. 25, 1944; v. 560; p. 542.

Rutherford, John T., and Robert J. Miller, Berkeley, Calif. (Two cases.) Disclaimers filed by the assignee, Standard Oil Company of California. Nos. 2,252,985 and 2,252,984; disclaimers filed May 10, 1944; v. 563; p. 1, and v. 563; p. 391.

Sauser, Doran E., Cuyahoga Falls, Ohio. Disclaimer filed by the assignee, The B. F. Goodrich Company. No. 2,319,634; disclaimer filed Oct. 25, 1944; v. 568; p. 373.

Schoenfeld, Frank K., Silver Lake, Ohio. Disclaimer filed by the assignee, The B. F. Goodrich Company. No. 2,306,411; disclaimer filed Feb. 2, 1944; v. 560; p. 1.

Silver, Max, Bronx, N. Y. Disclaimer filed by the inventor. No. 2,252,212; disclaimer filed Sept. 27, 1944; v. 567; p. 380.

Slotterbeck, Ober C., Clark Township, Union County, N. J. Disclaimer filed by the assignee, Standard Oil Development Company. No. 2,296,370; disclaimer filed May 9, 1944; v. 563; p. 1.

Smith, John F. Downie, Philadelphia, Pa. Disclaimer filed by the assignee, Edward G. Budd Manufacturing Co. No. 2,267,312; disclaimer filed Jan. 12, 1944; v. 559; p. 172.

Stahly, Eldon E., and Erwin M. Hattox, Baton Rouge, La. Disclaimer filed by the assignee, Standard Oil Development Company. No. 2,204,194; disclaimer filed Jan. 22, 1944; v. 559; p. 543.

Stewart, Carlton D., Wilkinsburg, Pa. Disclaimer filed by the inventor; the assignee, The Westinghouse Air Brake Company, consenting. No. 2,342,765; disclaimer filed Apr. 20, 1944; v. 562; p. 345.

Swingle, Ralph H., Pittsburgh, Pa. Disclaimer filed by the assignee, Westinghouse Electric and Manufacturing Company. No. 2,293,179; disclaimer filed Feb. 17, 1944; v. 560; p. 390.

Taylor, Elmer H., Newburyport, Mass. (Two cases.) Disclaimers filed by the assignee, The Chase-Shawmut Company. Nos. 2,313,281 and 2,286,518; disclaimers filed Nov. 15 and Nov. 16, 1944; v. 569; p. 183.

Terry, Matson C., Detroit, Mich. Disclaimer filed by the assignee, Westinghouse Electric and Manufacturing Company. No. 2,040,507; disclaimer filed Feb. 12, 1944; v. 560; p. 390.

Thumim, Carl, Yeadon, Pa. Disclaimer filed by the assignee, General Electric Company. No. 2,296,071; disclaimer filed Nov. 27, 1944; v. 569; p. 529.

Tyson, Charles W., Summit, N. J. Disclaimer filed by the assignee, Jasco, Incorporated. No. 2,235,127; disclaimer filed May 16, 1944; v. 563; p. 391.

Udale, Stanley M., Detroit, Mich. Disclaimer filed by the Inventor; the assignees, George M. Holley and Earl Holley, consenting. No. 2,290,921; disclaimer filed Oct. 19, 1944; v. 568; p. 206.

Van Zelm, Willem, D., Ruxton, Md. Disclaimer filed by the assignee, The Glenn L. Martin Company. No. 2,323,279; disclaimer filed Aug. 10, 1944; v. 566; p. 11.

Vial, George K., and Louis G. Hilkemeier, Milwaukee, Wis. Disclaimer filed by the assignee, Chain Belt Company. No. 2,329,167; disclaimer filed Oct. 23, 1944; v. 568; p. 373.

Wallace, Frank C., Los Angeles, Calif. (Two cases.) Disclaimers filed by the assignee, Herman H. Helbush. Nos. 2,266,929 and 2,271,879; disclaimers filed Nov. 25, 1944; v. 569; p. 357.

Wallace, James M., Braddock, Pa. Disclaimer filed by the assignee, Westinghouse Electric & Manufacturing Company. No. 2,259,946; disclaimer filed May 3, 1944; v. 562; p. 691.

Warden, Henry I., St. Joseph Mich. Disclaimer filed by the inventor. No. 1,955,569; disclaimer filed June 26, 1944; v. 565; p. 16.

Waters, Harry F., New York, N. Y. Disclaimer filed by the inventor. No. 2,252,106; disclaimer filed June 22, 1944; v. 565; p. 16.

West, Charles P., Forest Hills, Pa., Roy M. Smith, Livingston, N. J., and William A. Lewis, Jr., Ithaca, N. Y. Disclaimer filed by the inventor; the assignee, Westinghouse Electric & Manufacturing Company, concurring. No. 2,286,044; disclaimer filed Mar. 30, 1944; v. 561; p. 515.

White, Sidney Y., Wilmette, Ill. Disclaimer filed by Alex Thomson, administrator of the estate of Victor S. Johnson, deceased. No. 2,287,925; disclaimer filed Aug. 22, 1944; v. 566; p. 177.

Wiedemann, Hans, West New York, N. J. Disclaimer filed by the assignee, Keuffel & Esser Company, and the inventor. No. 2,256,445; disclaimer filed Sept. 14, 1944; v. 567; p. 167.

Wilcox, Howard M., Wilkinsburg, Pa. Disclaimer filed by the assignee, Westinghouse Electric & Manufacturing Company. No. 2,340,005; disclaimer filed Aug. 29, 1944; v. 567; p. 1.

Willford, Edward Burke, Merion, Pa. Disclaimer filed by the patentee. Re. No. 21,306; disclaimer filed Oct. 3, 1944; v. 568; p. 206.

Wuerfel, Robert P., Ann Arbor, Mich. Disclaimer filed by the assignee, Radio Corporation of America. No. 1,900,629; disclaimer filed Aug. 8, 1944; v. 565; p. 715.

LIST OF PLANT INVENTIONS

Apple tree. F. K. Baxter. 619; Mar. 21.
Apple tree. D. Bonner. 642; Sept. 19.
Apricot tree. W. I. Bowers. 630; June 27.
Avocado tree. P. L. Kovach. 628; June 6.
Azalea plant. L. C. Bobbink. 611; Jan. 4.
Carnation plant. J. H. Bonhard. 645; Oct. 10.
Carnation plant. R. Engle. 612; Jan. 4.
Cherry tree. C. Fairman. 627; May 9.
Chrysanthemum plant. L. Reichert. 640; Sept. 5.
Chrysanthemum plant. G. Sparre. 634; July 25.
Crab apple tree. C. A. Hansen. 648; Dec. 19.
Gardenia plant. V. C. Kondo. 622; Apr. 4.
Hop plant. F. J. Miller. 644; Oct. 3.
Orange tree, Seedless navel. D. J. Nicholson. 625; Apr. 25.
Peach tree. E. W. Freeland. 623; Apr. 11.
Peach tree. W. E. Lammerts. 631; Mar. 28.
Peach tree. V. G. McGuigan. 624; Apr. 18.
Phlox. J. H. Jones. 615; Feb. 15.
Rose plant. R. L. Byrum. 613; Feb. 1.
Rose plant. R. L. Byrum. 616; Feb. 15.
Rose plant. R. L. Byrum. 617; Feb. 15.
Rose plant. R. L. Byrum. 620; Mar. 21.
Rose plant. A. Dickson, Jr. 638–9; Sept. 5.
Rose plant. C. Hartgerink. 647; Dec. 5.
Rose plant. F. H. Howard. 636–7; Aug. 8.
Rose plant. M. R. Jacobus. 643; Oct. 3.
Rose plant. W. I. Johnston. 614; Feb. 8.
Rose plant. W. E. Lammerts. 631–2; June 27.
Rose plant. W. E. Lammerts. 646; Oct. 24.
Rose plant. E. E. Marsh. 626; May 2.
Rose plant. S. B. Roberts. 641; Sept. 5.
Rose plant. L. Spera. 618; Feb. 22.
Sansevieria plant. O. Nelson. 633; July 4.
Strawberry plant. B. D. Drain. 629; June 6.
Thornless blackberry plant. J. C. Bowen. 635; Aug. 1.

LIST OF INVENTIONS

Abrader, Rotary. R. A. Fontaine. 2,365,462; Dec. 19.
Abrading apparatus. W. L. Keefer. 2,341,559–60; Feb. 15.
Abrading apparatus. W. L. Keefer. 2,344,989; Mar. 28.
Abrading apparatus. W. L. Keefer. 2,351,521; June 13.
Abrading apparatus. W. L. Keefer. 2,359,313; Oct. 3.
Abrading apparatus. W. L. Keefer. 2,364,077; Dec. 5.
Abrading apparatus. D. C. Turnbull. 2,344,475; Mar. 14.
Abrading apparatus. D. C. Turnbull. 2,344,476; Mar. 14.
Abrading device, Rotary. M. A. Simon. 2,358,109; Sept. 12.
Abrading machine. C. W. Drake. 2,363,486; Nov. 28.
Abrading machine. F. A. Shultz, F. L. Speckman, L. D. Woolley, E. T. Mahlmeister, and L. N. Barnum. 2,364,322; Dec. 5.
Abrading means. J. T. Kelleher. 2,339,270; Jan. 18.
Abrading means and making same. J. T. Kelleher. 2,358,459–60; Sept. 19.
Abrading tool. C. E. Archer. 2,349,995; May 30.
Abrading tool. N. H. Knowlton. 2,344,550; Mar. 21.
Abrading tool. I. J. Snader. 2,349,994; May 30.
Abrading tool. W. J. Wachowitz. 2,363,102; Nov. 21.
Abrading wheel. L. E. Thompson. 2,351,561; June 13.
Abrasion resistance of alloys, Improving. C. O. Burgess. 2,353,688; July 18.
Abrasion resistant articles and alloys. O. E. Harder and J. T. Gow. 2,355,726; Aug. 15.
Abrasive. W. E. Beatty. 2,340,504; Feb. 1.
Abrasive and making the same. R. C. Benner and F. A. Upper. 2,347,537; Apr. 25.
Abrasive and making the same, Flexible backed. H. C. Martin. 2,339,500; Jan. 18.
Abrasive article. G. F. Keeleric. 2,353,404; July 11.
Abrasive article. G. F. Keeleric. 2,359,920; Oct. 10.
Abrasive article. R. L. Melton and A. L. Ball. 2,355,667; Aug. 15.
Abrasive article. G. Van Nimwegen. 2,342,313; Feb. 22.
Abrasive article and making the same. R. H. Lombard. 2,343,218; Feb. 29.
Abrasive article, Reinforced. C. E. Wooddell. 2,353,864; July 18.
Abrasive articles and apparatus therefor, Method for making. J. S. Smyser. Re. 22,419; Jan. 11.
Abrasive articles and making the same. G. P. Netherly, B. S. Cross, and G. R. Anderson. 2,357,348; Sept. 5.
Abrasive articles, Making. H. V. Allison. 2,356,965; Aug. 29.
Abrasive articles, Making. R. C. Benner and W. G. Soley. 2,352,246; June 27.
Abrasive band. W. T. Anderson. 2,362,979; Nov. 21.
Abrasive belt joint. R. T. Argy and C. W. Foss. 2,350,861; June 6.
Abrasive cutoff machine. W. F. and E. F. Obear. 2,340,563; Feb. 1.
Abrasive device for cleaning still tubes and the like. H. G. Weinland. 2,351,169–70; June 13.
Abrasive element. E. W. Colt, L. B. Lane, and J. L. Beatty. 2,347,244; Apr. 25.
Abrasive material. C. F. Hauck. 2,343,179; Feb. 29.
Abrasive material, Disintegrating metal into. J. F. Ervin. 2,341,704; Feb. 15.
Abrasive removing apparatus. H. R. Zimmerman. 2,343,357; Mar. 7.
Abrasive sheet material. J. H. Kugler and B. J. Oakes. 2,357,335; Sept. 5.
Abrasive substance, Diamond-containing. R. A. L. Seligman, H. H. Schwarzkopf, and J. G. Van Otterloo. 2,360,798; Oct. 17.
Abrasive supply system. C. M. Gossard. 2,365,948; Dec. 26.
Abrasive tool. G. W. Allred. 2,362,739; Nov. 14.
Abrasive wheel. J. C. Mays. 2,347,920; May 2.
Abrasive wheel dresser. H. G. Renner. 2,360,013; Oct. 10.
Abscission retarding compositions and using the same. J. F. Adams. 2,350,709; June 6.
Absorbent closure cap. C. F. Boesel. 2,362,796; Nov. 14.
Absorbing means especially for firearms. M. Birkigt. 2,361,985; Nov. 7.
Absorption machine containing an inert auxiliary gas. A. Bikkers. 2,354,982; Aug. 1.
Absorption modulation. R. H. George and R. C. Webb. 2,350,552; June 6.
Absorption process. W. Swerdloff. 2,352,295; June 27.
Absorption refrigerating apparatus. N. Erland af Kleen. 2,353,714–15; July 18.
Absorption refrigeration apparatus. W. G. Midnight. 2,341,188; Feb. 8.
Accelerating pump. J. T. W. Moseley. 2,340,620; Feb. 1.
Acceleration of vulcanization. R. A. Mathes and P. C. Jones. 2,356,170; Aug. 22.
Accelerator control. J. A. O'Connor. 2,364,092; Dec. 5.
Accelerator indicator. M. L. Centrella. 2,339,910; Jan. 25.
Accelerator, Rubber vulcanization. A. J. Laliberte. 2,342,870; Feb. 29.
Accelerator, Vulcanization. E. L. Carr. 2,339,552; Jan. 18.
Accelerator, Vulcanization. P. C. Jones and R. A. Mathes. 2,338,815; Jan. 11.
Accelero-tachometric regulator. E. Volet. 2,358,894; Sept. 26.
Accessory circuit switch. C. Rennecamp. 2,353,075; July 4.
Accessory mounting for cooking ranges. H. M. Reeves. 2,349,307; May 23.
Accordion case. J. Erikson. 2,351,673; June 20.
Accounting apparatus. C. J. Goodale. 2,348,535; May 9.
Accounting machine. W. A. Anderson. 2,364,769; Dec. 12.
Accounting machine. J. W. Armbruster. 2,353,001; July 4.
Accounting machine. J. W. Bryce. 2,346,250; Apr. 11.
Accounting machine. J. W. Bryce. 2,357,455; Sept. 5.
Accounting machine. J. W. Bryce. 2,359,616; Oct. 3.
Accounting machine. A. H. Dickinson. 2,343,370; Mar. 7.
Accounting machine. I. Ghertman. 2,340,741; Feb. 1.
Accounting machine. E. H. Placke. 2,351,541; June 13.
Accounting machine. W. Scheerer and K. Locklair. 2,348,171; May 2.
Accounting machine. P. Spurlino, M. A. Goodbar, and M. D. Frost. 2,345,839; Apr. 4.
Accounting machine. P. Spurlino, M. A. Goodbar, and M. D. Frost. 2,353,938; July 18.
Accounting machine. P. Spurlino and K. Rauch. 2,361,662; Oct. 31.
Accounting machine. O. J. Sundstrand. 2,361,714; Oct. 31.
Accounting machine. O. J. Sundstrand. 2,362,222; Nov. 7.
Accounting machine and the like. A. J. Fettig. 2,348,168; May 2.
Accounting machine and the like. R. L. Muller. 2,348,169; May 2.
Accounting machines, Carriage return mechanism for. W. A. Anderson. 2,348,048; May 2.
Accoustical device. C. B. Spencer. 2,364,485; Dec. 5.
Accoustical material. F. J. Taforo, Jr. 2,357,560; Sept. 5.
Accumulating means. D. W. Rubidge and E. J. Rabenda. 2,340,772; Feb. 1.
Accumulator. B. N. Ashton. 2,365,994; Dec. 26.
Accumulator. R. J. Bush. 2,347,932; May 2.
Accumulator. K. R. Herman and R. C. Griffith. 2,345,475; Mar. 28.
Accumulator. M. W. Huber. 2,339,076; Jan. 11.
Accumulator. M. W. Huber. 2,345,124; Mar. 28.
Accumulator. A. L. Parker. 2,343,320; Mar. 7.
Accumulator. M. J. Phillips. 2,339,876; Jan. 25.
Accumulator. J. W. White. 2,349,321–2; May 23.
Accumulator, Deformable or elastic. J. Mercier. 2,342,355–6; Feb. 22.
Accumulator, Fluid pressure. G. J. Huebner and G. R. Pennington. 2,340,125; Jan. 25.
Accumulator, Electric. R. Gray. 2,364,896; Dec. 12.
Accumulator, Hydraulic. J. C. Hanna. 2,351,761; June 20.
Acetate, Preparation of dextram. W. A. Waldie and J. E. Bersuder. 2,344,190; Mar. 14.
Acetoacetic esters, Preparing. F. J. Pohl and W. Schmidt. 2,351,366; June 13.
Acetonyl thioethers. G. H. Morey. 2,363,462; Nov. 21.
Acetoxy coumaranes and chromanes, Production of. O. Hromatka. 2,359,311; Oct. 3.
Acetoxyamino acids and their preparation. G. Toennies. 2,349,774; May 23.
Acetylated pimelic acids. H. A. Bruson. 2,342,606; Feb. 22.
Acetylation of cellulose. D. L. Gibson and W. M. Shoemaker. 2,348,001; May 2.
Acetylene generation. A. C. Holm and E. Poirier. 2,343,185; Feb. 29.
Acetylene generator. W. G. Schepman. 2,344,564; Mar. 21.
Acetylene, Manufacture of. J. D. Ruys and L. Goldstein. 2,349,007; May 16.
Acetylene, Method and apparatus for cooling and drying. E. Gfeller. 2,357,186; Aug. 29.
Acetylene polymers from crude acrylonitrile, Removing. H. S. Davis and H. A. Newey. 2,361,367; Oct. 31.
Acetylenic carbinols, Making. J. Zeltner and M. Genas. 2,345,170; Mar. 28.
Acid. M. E. Cupery. 2,346,665; Apr. 18.
Acid amides, Preparing n-monochlorination products of high molecular fatty. L. Orthner and T. Jacobs. 2,365,431; Dec. 19.

Acid and fluosilicic acid salts, Preparing fluosilicic. H. C. Rawecki. 2,354,177; July 18.
Acid and its esters, Recovering hydroxy-3-etiocholenic. R. Oppenauer and C. C. Bolt. 2,354,875; Aug. 1.
Acid and its salts, Preparation of d-galacturonic. R. Pasternack and P. P. Regna. 2,338,534; Jan. 4.
Acid by fermentation, Producing citric. J. Szücs. 2,353,771; July 18.
Acid, Concentrating weak nitric. H. A. Beekhuis, Jr. 2,343,635; Mar. 7.
Acid condensation product of formaldehyde and acid condensation polymerization product of furfuryl alcohol and preparing the same. M. T. Harvey. 2,343,973; Mar. 14.
Acid, Condensation product of p-hydroxy benzoic. R. B. Du Vall and E. F. Grether. 2,350 326; June 6.
Acid, Contact process for manufacturing sulphuric. C. V. Herrmann. 2,357,195; Aug. 29.
Acid-curing resin composition. G. F. D'Alelio. 2,339,059; Jan. 11.
Acid derivative and its salts, Barbituric. L. A. Walter. 2,354,232; July 25.
Acid derivative and its salts, 1-methylbarbituric. L. A. Walter. 2,354,233; July 25.
Acids derivatives and their manufacture, Amino fatty. R. Martin, K. Clatthaar, and W. Stammbach. 2,343,071; Feb. 29.
Acid dopes, Clarification of cellulose. W. B. Hincke. 2,358,069; Sept. 12.
Acid, Electrolytic production of succinic. Y. Takayama. 2,338,466; Jan. 4.
Acid ester production, Higher alkyl. A. J. Tulleners. 2,339,038; Jan. 11.
Acid esters of cellulose, Manufacture of lower fatty. C. J. Malm. 2,342,416; Feb. 22.
Acid esters of glycerol ethers and their manufacture, Phosphoric. A. Grün. 2,361,286; Oct. 24.
Acid esters, Preparation of barium salts of dithiophosphoric. K. D. Ashley. 2,343,213; Feb. 29.
Acid in aqueous solutions, Concentration and extraction of formic. J. Lévesque. 2,357,412; Sept. 5.
Acid, Manufacture of resinous products derived from acrylic. T. S. Ireland. 2,345,126; Mar. 28.
Acid, Manufacture of sulphuric. J. A. Jenemann and E. B. Hollis. 2,344,616; Mar. 21.
Acid metal treating baths. J. F. Walker. 2,355,599; Aug. 8.
Acid nitrile, Tetraacetyl ribonic. M. Tishler and J. W. Wellman. 2,358,191; Sept. 12.
Acid, Oxidation of acrolein to acrylic. H. P. Staudinger and K. H. W. Tuerck. 2,341,339; Feb. 8.
Acid oxidation of fatty materials, Nitric. D. Rice and R. Griffith. 2,365,290; Dec. 19.
Acid Plasticizing esters of methacrylic. W. S. Johnson. 2,344,918; Mar. 21.
Acid, Preparation of pectic. E. F. Bryant. 2,349,138; May 16.
Acid, Production of aconitic. E. K. Ventre, H. C. Henry, and F. L. Gayle. 2,345,079; Mar. 28.
Acid, Production of meta-titanic. E. C. Loth and C. S. Incho. 2,344,553; Mar. 21.
Acid products and producing them, Alkylated cyclobutane carboxylic. E. J. Jahn. 2,365,703; Dec. 26.
Acid salts of guanylthiourea, Preparation of. J. T. Thurston and R. L. Sperry. 2,364,594; Dec. 5.
Acid setting baths used in the manufacture of cellulose products from viscose, Treatment of. J. L. Costa and W. H. Kahler. 2,352,519; June 27.
Acid solutions, Concentration of. J. P. Loud. 2,365,828; Dec. 26.
Acid treating of distillates. B. W. Dunbar. 2,340,585; Feb. 1.
Acid treating well. N. B. Dismukes. 2,358,562; Sept. 19.
Acid, Treatment of pyroligneous. R. M. Isham and O. Spring. 2,358,229; Sept. 12.
Acid type compound, and preparing same. Salicylic. J. B. Niederl. 2,342,294; Feb. 22.
Acid values from citrus products, Recovering citric. H. T. Leo and C. C. Taylor. 2,362,906; Nov. 14.
Acidic constituents from fluids, Removing. H. C. Cheetham and R. J. Myers. 2,341,907; Feb. 15.
Acidic minerals, Beneficiation of. D. W. Jayne, Jr., H. M. Day, and S. E. Erickson. 2,362,276; Nov. 7.
Acidic minerals, Beneficiation of. D. W. Jayne, Jr., H. M. Day, and E. W. Gleseke. 2,365,084; Dec. 12.
Acids and anhydrides, Purification of aliphatic. F. O. Cockerill. 2,352,253; June 27.
Acids and esters, Production of unsaturated. H. Schulz. 2,341,663; Feb. 15.
Acids and preparation of same from halosteroids, Unsaturated pregnenoic. R. E. Marker and H. M. Crooks, Jr. 2,359,773; Oct. 10.
Acids and preparing, Dihydro resin. R. F. B. Cox. 2,360,204; Oct. 10.
Acids and preparing them, High molecular weight unsaturated organic. J. F. Walker. 2,352,461; June 27.
Acids and salts thereof, Wax substituted diaryl dithiophosphoric. E. W. Cook and W. D. Thomas, Jr. 2,365,938; Dec. 26.
Acids and their salts, Preparation of polyhydroxydibasic. H. S. Isbell. 2,338,114; Jan. 4.
Acids and their water soluble salts, Isolation of water insoluble cellulose hydroxy fatty. A. A. Houghton and K. J. C. Luckhurst. 2,357,469; Sept. 5.
Acids contained in tall oil, Separation of. F. H. Gayer and C. E. Fawkes. 2,348,970; May 16.
Acids, Dihalo. J. D. D'Ianni. 2,365,808; Dec. 16.
Acids, Esters of sulphotricarballylic. W. P. Ericks and E. R. Melncke. 2,345,041; Mar. 28.
Acids, Fluorescein and halogenated fluoresceins dye. W. C. Bainbridge and F. J. Hope. 2,355,359; Aug. 8.
Acids from hydrocarbons, Removing. O. L. Davis and A. C. Nixon. 2,364,582; Dec. 5.
Acids from hydrocarbons, Removing. A. C. Nixon and D. L. Yabroff. 2,341,878; Feb. 15.
Acids from rosin acids, Separation of fatty. A. W. Hixson and R. Miller. 2,344,089; Mar. 14.
Acids, Hydrogenation of aryl carboxylic. V. N. Ipatieff and V. Haensel. 2,355,219; Aug. 8.
Acids, Manufacture of alkaline earth metal salts of adenosine polyphosphoric. H. Schwaneberg. 2,342,760; Feb. 29.
Acids, Oxidising uronic. H. S. Isbell. 2,338,115; Jan. 4.
Acids, Preparation of alpha-beta unsaturated carboxylic. F. E. Kung. 2,361,036; Oct. 24.
Acids, Production of alkene succinic. L. P. Kyrides. 2,360,426; Oct. 17.
Acids, Separation of sulphonic. P. G. Waldo, P. M. Goodloe, and H. G. Berger. 2,365,653; Dec. 19.
Acids, Substituted pimelic. H. A. Bruson. 2,339,218; Jan. 11.
Acids, Synthesis of amino. K. H. Schaaf and F. D. Pickel. 2,365,295; Dec. 19.
Acids, Treating fatty. A. H. Zeigler, D. V. Stingley, and J. M. Kiefer. 2,351,249; June 13.
Acids with aromatic compounds, Condensation of olefin sulphonic. C. M. Suter. 2,366,133; Dec. 26.
Acidyl derivatives of cellulose and other organic substances, Production of. H. Dreyfus, R. W. Moncrieff, and H. Bates. 2,358,387; Sept. 19.
Aconitic acid from plant juices, Extraction of. E. K. Ventre, J. A. Ambler, S. Byall, and H. C. Henry. 2,359,537; Oct. 3.
Acoustic delay device. L. G. Bostwick and J. H. King. 2,351,913; June 20.
Acoustic device. E. E. Mott. 2,356,262; Aug. 22.
Acoustic guard. M. C. Rosenblatt. 2,361,963; Nov. 7.
Acoustic measurement. N. R. Stryker. 2,356,478; Aug. 22.
Acoustical building element. M. C. Rosenblatt. 2,362,859; Nov. 14.
Acrylic compounds, Polymerisation of. R. A. Jacobson. 2,354,210; July 25.
Acrylonitriles and substituted acrylonitriles as fumigants. V. Migrdichian. 2,356,075; Aug. 15.
Activator, Carbon. W. C. Goss. 2,359,910; Oct. 10.
Active glucosides of senna and their preparation. A. Stoll, W. Kussmaul, and B. Becker. 2,350,295; May 30.
Actuating cylinder. D. H. Brown. 2,349,244; May 23.
Actuating device, Sprinkler valve. H. N. Rider. 2,349,883; May 30.
Actuating means. C. H. Millerwise. 2,353,350; July 11.
Actuating means for mechanical lubricators. B. E. Folke. 2,359,905; Oct. 10.
Actuating means, Impact element. B. W. Snodgrass 2,353,321; July 11.
Actuating mechanism, Harness. W. D. Stegall. 2,358,584; Sept. 26.
Actuating mechanism, Hydraulic. C. de Ganahl. 2,345,531; Mar. 28.
Actuating system for fluid motors, Emergency. H. E. Helgis. 2,365,700; Dec. 26.
Actuator. W. A. V. Thomsen. 2,355,185; Aug. 8.
Actuator control. W. H. Green and S. L. Adelson. 2,363,174; Nov. 21.
Actuator, Flush valve. G. D. Maige. 2,357,213; Aug. 29.
Actuator for tool heads. R. D. Shaw. 2,360,520; Oct. 17.
Acyclic terpenes, Polymerization of. A. L. Rummelsburg. 2,341,948; Feb. 15.
Acyl anilides, Halogenation of. J. E. Livak and C. D. Carlson. 2,359,227; Sept. 26.
Acylamines of the anthriquinone series and their manufacture. A. Peter. 2,359,673; Oct. 3.
Acylaminohydroxydiphenyl couplers. H. D. Porter, A. Weissberger, and P. W. Vittum. 2,346,080; Apr. 4.
Acylated derivative of vitamin B_6, and preparing the same. S. A. Harris and E. T. Stiller. 2,349,267; May 23.
Acylation. V. L. Hansley. 2,355,970–71; Aug. 15.
Adapter. O. C. Severson. 2,361,324; Oct. 24.
Adapter for discharge lamps. C. F. MacCarthy. 2,356,601; Aug. 22.
Adapter for drills. F. Greenberg. 2,361,683; Oct. 31.
Adapter for plate and film pack cameras, Photographic roll film. J. F. Stockdale. 2,356,284; Aug. 22.
Adapter, Subcaliber. G. A. Nelson. 2,342,684; Feb. 29.
Adding and listing machine. L. P. Crosman. 2,339,321; Jan. 18.
Addition agent for lubricating oil and making same. R. Reuter. 2,349,462; May 23.
Addition products of a betaine acid halide and a basic amine. A. L. Linch. 2,359,864; Oct. 10.
Addressing machine. H. P. Elliott. 2,344,345; Mar. 14.
Addressing machine. H. P. Elliott. 2,347,404; Apr. 25.

Addressing machine, Stencil. H. P. Elliott. 2,338,170; Jan. 4.
Adhesion of rubber to fibrous materials and product thereof, Improving the. E. T. Lessig and E. N. Cunningham. 2,346,440; Apr. 11.
Adhesive. E. H. Land. 2,356,250; Aug. 22.
Adhesive and coating materials. E. Bock. 2,348,447; May 9.
Adhesive and making the same. J. J. Harris. 2,365,873; Dec. 26.
Adhesive applying and registering mechanism. E. G. Stande. Re. 22,547; Sept. 19.
Adhesive-applying apparatus. W. F. Punte. 2,365,775; Dec. 26.
Adhesive applying apparatus. G. W. Von Hofe. 2,347,445; Apr. 25.
Adhesive applying means. J. M. Brown. 2,357,577; Sept. 5.
Adhesive applying mechanism. E. G. Stande. 2,344,427; Mar. 14.
Adhesive applying mechanism. S. J. White, R. H. Simpson, and E. Meola. 2,345,227; Mar. 28.
Adhesive composition. W. M. Billing. 2,357,073; Aug. 29.
Adhesive composition. H. H. Harkins. 2,343,551; Mar. 7.
Adhesive composition. J. G. Little. 2,361,302; Oct. 24.
Adhesive composition. J. E. Robinson. 2,361,418; Oct. 31.
Adhesive composition. C. O. Strother and C. W. Patton. 2,341,398; Feb. 8.
Adhesive composition of matter. G. Mack. 2,349,508; May 23.
Adhesive fabric and making the same. H. A. Evans. 2,349,709; May 23.
Adhesive material, Creped pressure-sensitive. P. F. Ziegler and K. C. Hoeglund. 2,339,446; Jan. 18.
Adhesive sheet. E. F. Klein and C. Yates. 2,359,314; Oct. 3.
Adhesive sheet materials. R. E. Reed. 2,358,760–1; Sept. 19.
Adhesive tape, Continuous method for producing. G. Schieman. 2,347,643; May 2.
Adhesive tape dispenser, Automatic pressure-sensitive. A. A. Anderson. 2,346,142; Apr. 11.
Adhesive tape, Translucent fiber tissue pressure-sensitive. G. Schieman. 2,364,001; Nov. 28.
Adhesives comprising products of isocyanates with alkylene imines and the process of using the same. H. Bestian and E. Bock. 2,360,192; Oct. 10.
Adhesivity of bituminous compositions, Improving the. L. Hemmer. 2,342,861; Feb. 29.
Adipic acid, Preparation of. R. M. Cavanaugh and W. M. Nagle. 2,343,534; Mar. 7.
Adjustable automobile seat. A. C. Andersen. 2,352,358; June 27.
Adjustable bearing. T. Wuppermann and F. Koenig. 2,348,873; May 16.
Adjustable bearing mounting. H. J. Findley. 2,349,084; May 16.
Adjustable bed frame. C. V. Johnson. 2,349,172; May 16.
Adjustable bracket. W. H. Woodward. 2,358,844; Sept. 26.
Adjustable broiler grid holding rack. S. N. Bobo. 2,348,720; May 16.
Adjustable bulkhead coupling. R. L. Hayman. 2,359,846; Oct. 10.
Adjustable chain joint. F. L. Fulke. 2,340,873; Feb. 8.
Adjustable chair. R. C. Angell. 2,352,678; July 4.
Adjustable chair. A. Lorens. 2,365,200; Dec. 19.
Adjustable clothes hanger. J. Vondrak and E. Weissbard. 2,364,931; Dec. 12.
Adjustable connector for electrical distribution systems. A. A. Togesen. 2,343,232; Feb. 29.
Adjustable curtain rod holder. J. B. Holtsclaw. 2,341,217; Feb. 8.
Adjustable cutter. L. O. Goeger. 2,350,349; June 6.
Adjustable cutter bar. J. N. Fields. 2,341,913; Feb. 15.
Adjustable die for forming curved bricks. E. A. Render. 2,340,393; Apr. 11.
Adjustable gauge. R. C. Smith. 2,357,143; Aug. 29.
Adjustable jaw for skis. H. Horack. 2,342,807; Feb. 29.
Adjustable link and clamp assembly. J. H. Booth. 2,340,301; Feb. 1.
Adjustable picture hanger. H. E. Bawden. 2,357,071; Aug. 29.
Adjustable pin gauge. W. E. Donath. 2,353,297; July 11.
Adjustable pipe hanger. A. G. Goldberg and R. Cohn. 2,339,564; Jan. 18.
Adjustable plug gauge. H. and K. Volis. 2,358,749; Sept. 19.
Adjustable reclining chair. A. Lorenz and H. Luckhardt. 2,353,838; July 18.
Adjustable stroke pump. H. Molly. 2,353,745; July 18.
Adjustable stroke pump. S. Schnell. 2,344,517; Mar. 21.
Adjustable support. E. J. Karp. 2,339,081; Jan. 11.
Adjustable supporting bracket. L. F. and J. N. Sayles. 2,364,477; Dec. 5.
Adjustable transformer. C. P. Boucher. 2,353,542; July 11.
Adjustable work-holding device. A. J. Gruntorad. 2,353,891; July 18.
Adjuster, Mattress and receptacle. H. L. Chapman. 2,359,510; Oct. 3.
Adjusting and securing prisms. S. J. Bailey. 2,351,471; June 13.
Adjusting apparatus. D. T. Robb. 2,355,468; Aug. 8.
Adjusting device. A. J. Stepanoff. 2,357,914; Sept. 12.
Adjusting device for throttle valves. R. O. Allen. 2,362,608; Nov. 14.
Adjusting flow rates of fluids through formations traversed by boreholes. G. L. Hassler. 2,352,834; July 4.
Adjustment attachment for lathe tool holders. J. H. Jacobs. 2,358,230; Sept. 12.
Adjustment for vertically reciprocating tables, Single. F. F. Tone. 2,360,910; Oct. 24.
Adjustment means for testing machines. C. W. Clark. 2,360,760; Oct. 17.
Adsorbent. E. P. Barrett and J. R. West. 2,352,932; July 4.
Adsorbents, System for reactivating. H. A. Martin and W. W. Deschner. 2,359,660; Oct. 3.
Advertising apparatus. L. F. Ferris, R. Sklaar, and W. E. Burau. 2,344,541; Mar. 21.
Advertising device. H. Schwartz. 2,359,685; Oct. 3.
Advertising display card. G. D. Leahey. 2,347,155; Apr. 18.
Advertising display dispenser. L. R. Redfield. 2,354,058; July 18.
Advertising projection. W. Lillie. 2,341,223; Feb. 8.
Advertising meat and the like display. G. Orosz. 2,360,362; Oct. 17.
Aerating apparatus. H. L. McNeill. 2,348,990; May 16.
Aerating device for fish containers. J. F. Balisteri and K. H. O'Rear. 2,364,686; Dec. 12.
Aeration apparatus. A. C. Durdin, III. 2,346,367; Apr. 11.
Aeration apparatus. A. C. Durdin, III. 2,359,025; Sept. 26.
Aerator, Mechanical. A. C. Durdin, III. 2,346,366; Apr. 11.
Aerial, Automobile radio. L. C. Armstrong. 2,360,638; Oct. 17.
Aerial bomb and making the same. J. D. Long. 2,360,696; Oct. 17.
Aerial bomb projectile. S. J. Plut. 2,347,279; Apr. 25.
Aerial bomb protective apparatus. J. D. Hume 2,348,387; May 9.
Aerial camera mount. C. S. Robinson. 2,362,773; Nov. 14.
Aerial delivery container. W. L. Lindsey and H. Wilson. 2,345,609; Apr. 4.
Aerial delivery container for paratroops. W. L. Lindsey and H. Wilson. 2,347,205; Apr. 25.
Aerial delivery gun container. F. G. Manson and J. J. Maskey. 2,345,616; Apr. 4.
Aerial for motor vehicles. J. Gäbler. 2,351,947; June 20.
Aerial mine. J. A. Barkley. 2,341,351; Feb. 8.
Aerial mine. A. de Herteindy. 2,342,793; Feb. 29.
Aerial parachute bomb. J. Poscavage and G. Ricall. 2,338,598; Jan. 4.
Aerial propulsion. R. Stevenson. 2,364,672; Dec. 12.
Aerial system. T. Douma. 2,345,735; Apr. 4.
Aerial system for radio beacons. P. P. Gamet. 2,350,747; June 6.
Aerial toy. C. R. Butcher. 2,358,379; Sept. 19.
Aerodynamic control arrangement. R. P. Davic, Jr. 2,361,275; Oct. 24.
Aeronautic service unit, Portable. H. E. Hill. 2,360,420; Oct. 17.
Aeronautical fuel control valve. J. Harding, Jr. 2,350,352; June 6.
Aftercooler and receiver, Combined. W. H. Wineman. 2,365,791; Dec. 26.
Agent for lubricating oil and making same, Addition. F. C. Gzemski. 2,353,558; July 11.
Agent for softening water and the flocculation of suspended solids therein. J. O. Samuel. 2,362,409; Nov. 7.
Agents for hydrocarbon compositions and the like, Stabilizing. C. F. Prutton, A. K. Smith, and D. R. Frey. 2,365,291; Dec. 19.
Agents for lubricants, Modified addition. S. B. Becker. 2,339,371; Jan. 18.
Agents suitable for improving lubricants. R. Uloth and M. Mueller-Cunradi. 2,365,919; Dec. 26.
Agglomerating. A. B. Andersen and K. Horn. 2,356,024; Aug. 15.
Agitator. R. S. Blough. 2,358,205; Sept. 12.
Agitator construction. A. H. Gerhardt. 2,356,312; Aug. 22.
Agitator construction. F. L. Rocke. 2,356,353; Aug. 22.
Agitator, Liquid. J. R. Latham. 2,345,130; Mar. 28.
Agricultural apparatus. R. H. Reed. 2,345,715; Apr. 4.
Agricultural implement. W. S. Graham. 2,349,343; May 23.
Agricultural implement. F. E. Hand. 2,344,301; Mar. 14.
Agricultural implement. J. L. Hipple. 2,361,100; Oct. 24.
Agricultural implement. J. L. Hipple. 2,362,695; Nov. 14.
Agricultural implement. J. L. Jones. 2,364,449; Dec. 5.
Agricultural implement. G. M. Kriegbaum. 2,341,147; Feb. 8.
Agricultural implement. J. R. Orelind. 2,352,491; June 27.

Agricultural implement. J. R. Orelind. 2,354,274; July 25.
Agricultural implement. A. A. Scarlett. 2,356,889; Aug. 29.
Agricultural implement. H. P. Smith. 2,362,728; Nov. 14.
Agricultural implement. T. M. Thomas. 2,340,497; Feb. 1.
Agricultural machine. W. G. Charley. 2,350,588; June 6.
Agricultural machine. W. G. Charley and A. G. Buhr. 2,350,587; June 6.
Agricultural machine. A. A. Scarlett and S. M. Young. 2,352,580; June 27.
Agricultural material as livestock feed and producing same, Ammoniated. H. C. Millar. Re. 22,477; May 9.
Agricultural soil working tool. W. R. Baxter. 2,351,388; June 13.
Aileron control. E. F. Zap. 2,340,446; Feb. 1.
Aiming apparatus. A. Gerstenberger. 2,350,750; June 6.
Aiming device for automatic guns. W. Meyer. 2,364,585; Dec. 5.
Air and gas cleaner. E. F. Fisher. 2,354,677; Aug. 1.
Air and gas washer. E. F. Fisher. 2,354,674; Aug. 1.
Air blast arc chute. O. Jensen. 2,353,729; July 18.
Air brake. W. A. Baldwin. 2,347,536; Apr. 25.
Air brake. H. N. Sudduth. 2,363,624; Nov. 28.
Air brake. H. N. Sudduth. 2,364,927; Dec. 12.
Air brake. E. C. Vroman. 2,351,724; June 20.
Air brake cylinder release valve. L. W. McAlpine. 2,350,242; May 30.
Air brake system for railroad cars. C. E. Strode. 2,345,155; Dec. 19.
Air charge cooling device. K. Löhner and P. Kappus. 2,350,784; June 6.
Air circulating device. D. W. McLenegan. 2,359,571; Oct. 3.
Air circulating means for refrigerator cars. C. D. Bonsall. 2,343,395; Mar. 7.
Air circulating system for refrigerator cars and the like. W. E. Van Dorn. 2,349,315; May 23.
Air circulator. J. W. Miller. 2,363,191; Nov. 21.
Air circulator. S. N. North. 2,342,596; Feb. 22.
Air cleaner. C. W. Hagar. 2,341,771; Feb. 15.
Air cleaner. J. B. Sebok. 2,365,299; Dec. 19.
Air cleaning device. W. N. Patterson. 2,349,371; May 23.
Air conditioner and air compressor. O. H. Klots. 2,351,437; June 13.
Air conditioner, Cooling. F. A. Whiteley. 2,352,748; July 4.
Air conditioner, Self-contained. M. C. Terry and P. Komroff. Re. 22,584; Dec. 26.
Air conditioning. E. Altenkirch. 2,344,384; Mar. 14.
Air conditioning. P. P. Anderson, Jr. 2,352,930; July 4.
Air conditioning apparatus. W. P. Agee, Jr. 2,361,076; Oct. 24.
Air conditioning apparatus. K. T. Davis. 2,350,497; June 6.
Air-conditioning apparatus. A. Y. Dodge. 2,364,279; Dec. 5.
Air conditioning apparatus. A. H. Eberhart. 2,343,121–2; Feb. 29.
Air conditioning apparatus. W. L. Fleisher. 2,356,757; Aug. 29.
Air conditioning apparatus. J. M. Harris, Jr. 2,353,237; July 11.
Air conditioning apparatus. C. H. Hill. 2,360,343; Oct. 17.
Air conditioning apparatus. L. G. Huggins. 2,353,240; July 11.
Air conditioning apparatus. W. M. Marker and R. L. Brown. 2,344,048; Mar. 14.
Air conditioning apparatus. R. F. Roper. 2,359,051; Sept. 26.
Air conditioning apparatus. H. W. Schaefer. 2,362,933; Nov. 14.
Air conditioning apparatus. E. R. Wolfert. 2,342,174; Feb. 22.
Air conditioning apparatus. E. R. Wolfert. 2,342,566; Feb. 22.
Air conditioning control system. W. L. McGrath. 2,343,467; Mar. 7.
Air conditioning method and apparatus. A. H. Bahnson, Jr. 2,358,847; Sept. 26.
Air conditioning register, Unit type. C. Demuth. 2,344,839; Nov. 28.
Air conditioning system. L. L. Aspelin, E. C. Phillips, and R. H. Grey. 2,340,292; Feb. 1.
Air-conditioning system. I. C. Baker and R. A. Gonzalez. 2,353,804; July 18.
Air conditioning system. W. H. Carrier. 2,353,144; July 11.
Air conditioning system. W. H. Carrier. 2,355,629; Aug. 15.
Air conditioning system. W. H. Carrier. 2,363,294; Nov. 21.
Air conditioning system. W. H. Carrier. 2,363,945; Nov. 28.
Air conditioning system. R. B. P. Crawford. 2,359,624; Oct. 3.
Air conditioning system. W. L. McGrath. 2,345,277; Mar. 28.
Air conditioning system. L. B. Miller. 2,362,084; Nov. 7.
Air conditioning system control arrangement. W. H. Carrier. 2,363,944; Nov. 28.
Air conditioning system, Stage controlled. A. B. Newton. 2,352,282; June 27.
Air conditioning unit. W. W. Cummings, Jr. 2,343,959; Mar. 14.
Air conditioned vehicle. W. B. Griswold. 2,344,864; Mar. 21.
Air control device. B. M. Guthrie. 2,349,719; May 23.
Air control for gas burners, Automatic. L. C. Kester. 2,364,299; Dec. 5.
Air control instrument. C. B. Moore. 2,358,242; Sept. 12.
Air coupler, Automatic. J. G. Edwards. 2,357,180; Aug. 29.
Aircraft. I. Benjamins. 2,359,264; Sept. 26.
Aircraft. D. T. Brown and C. G. Layman. 2,352,074; June 20.
Aircraft. L. R. Davis. 2,362,361; Nov. 7.
Aircraft. C. Hollingsworth. 2,357,209; Aug. 29.
Aircraft. J. P. McAndrew. 2,356,985; Sept. 26.
Aircraft. G. Roseland. 2,362,224; Nov. 7.
Aircraft. R. Tampier. 2,346,280; Apr. 11.
Aircraft. R. Tampier. 2,361,574; Oct. 31.
Aircraft. P. S. Yujuico and D. B. Thurston. 2,351,893; June 20.
Aircraft air speed control. F. W. Meredith. 2,352,878; July 4.
Aircraft alighting gear. O. F. Maclaren and L. E. Baynes. 2,345,406; Mar. 28.
Aircraft altitude determining system. M. Rettinger. 2,350,820; June 6.
Aircraft bomb carrier. C. G. Trimbach. 2,342,022; Feb. 15.
Aircraft cabin supercharger system. C. G. Talbot. 2,353,201; July 11.
Aircraft canopy. R. A. Kaiser. 2,351,859; June 20.
Aircraft carrier. W. H. Atkinson. 2,349,930; May 30.
Aircraft catching apparatus. C. M. Haygood. 2,364,527; Dec. 5.
Aircraft cockpit canopy. R. N. Lesnick. 2,349,630; May 23.
Aircraft compass-correcting apparatus. W. H. Griffith and C. J. Colby. 2,362,629; Nov. 14.
Aircraft construction. J. W. Overbeke. 2,351,284; June 13.
Aircraft construction. C. W. Snyder. 2,362,033; Nov. 7.
Aircraft control. H. Focke. 2,338,923; Jan. 11.
Aircraft control. J. D. M. Gray. 2,353,303; July 11.
Aircraft control. W. A. Hamilton. 2,365,951; Dec. 26.
Aircraft control. L. A. Shetler. 2,339,955; Jan. 25.
Aircraft control device. B. G. Carlson. 2,364,128; Dec. 5.
Aircraft control system. T. W. Macomber. 2,352,334; June 27.
Aircraft covering attachment. O. L. Woodson. 2,338,612; Jan. 4.
Aircraft cowling construction. W. F. Lawry, Jr. 2,362,381; Nov. 7.
Aircraft destroyer. D. K. Kosich. 2,355,447; Aug. 8.
Aircraft empennage. E. T. Allen and G. S. Schairer. 2,356,139; Aug. 22.
Aircraft engine. A. Scott. 2,349,383; May 23.
Aircraft engine gearing. J. Tjaarda. 2,350,377; June 6.
Aircraft engine horsepower computer. A. B. Vosseller. 2,342,710; Feb. 29.
Aircraft equipped with sustaining motors. H. F. Pitcairn. 2,352,342; June 27.
Aircraft equipped with sustaining rotors. H. S. Campbell. 2,344,966; Mar. 28.
Aircraft flight indicator. J. W. Sessums, Jr. 2,364,102; Dec. 5.
Aircraft gearing. R. J. Woods. 2,340,241; Jan. 25.
Aircraft gun installation. H. K. Growald. 2,354,114; July 18.
Aircraft having rotating blades or wings. R. H. Prewitt. 2,365,357; Dec. 19.
Aircraft heater. S. S. Le Sha and F. M. Salisbury. 2,353,112; July 4.
Aircraft heating apparatus. H. J. De N. McCollum and L. A. Williams, Jr. 2,345,140; Mar. 28.
Aircraft heating system. S. E. Heymann, H. J. D. McCollum, and L. A. Williams, Jr. 2,357,404; Sept. 5.
Aircraft inclination indicator. H. F. Bauknecht. 2,362,758; July 4.
Aircraft landing gear. E. E. Chalberg. 2,360,759; Oct. 17.
Aircraft landing gear. L. E. Cowey. 2,346,010; Apr. 4.
Aircraft location instrument. J. H. Walker and J. M. Walker. 2,351,563; June 13.
Aircraft, Method and apparatus for landing. W. T. Cooke and A. S. Maeder. Re. 22,484; May 23.
Aircraft navigating device. W. W. Smith. 2,350,424; June 6.
Aircraft of the type equipped with sustaining rotors. H. S. Campbell. 2,339,836; Jan. 25.
Aircraft part and covering therefor. D. B. Grossman. 2,356,927; Aug. 29.
Aircraft, Passenger and freight carrying. J. H. Hooker. 2,352,323; June 27.
Aircraft plane. L. Bilkow. 2,365,382; Dec. 19.
Aircraft position indicator. L. E. Maupin. 2,361,862; Oct. 31.

Aircraft power plant and propeller drive. J. W. Kinnucan. 2,342,672; Feb. 29.
Aircraft precision flight indicator. C. Adler, Jr. 2,353,380; July 11.
Aircraft propeller construction. H. Reissner. 2,344,266; Mar. 14.
Aircraft, Protecting against attacking. J. H. Church and E. A. Ruestow. 2,354,665; Aug. 1.
Aircraft, Providing drag in. T. Knox and W. I. Steiglitz. 2,344,945; Mar. 28.
Aircraft rectifier system. C. G. Veinott and H. J. Braun. 2,361,248; Oct. 24.
Aircraft, Rotative-winged. H. H. Platt. 2,356,692; Aug. 22.
Aircraft selector. R. G. Willard and W. H. Van Benschoten. 2,349,325; May 23.
Aircraft steering device, Automatic. A. Kronenberger and F. E. Barteit. 2,351,977; June 20.
Aircraft structure. R. W. Miller. 2,362,919; Nov. 14.
Aircraft tail wheel assembly. W. Appel. 2,348,101; May 2.
Aircraft training apparatus. H. J. Mallon. 2,357,481; Sept. 5.
Aircraft turbine. J. S. Alford. 2,365,990; Dec. 26.
Aircraft turbine supercharger. D. R. Shoults. 2,365,991; Dec. 26.
Aircraft windshield scraper. R. D. Parry and C. F. Hartman. 2,351,699; June 20.
Aircraft wing. K. Koch. 2,344,044; Mar. 14.
Aircraft wing. E. Scheler and A. K. Rohrbach. 2,355,681; Aug. 15.
Aircraft wing and other control surfaces of stressed-skin type. B. N. Wallis. 2,365,669; Dec. 26.
Aircraft wing mounting means. M. Watter and H. J. Scammell. 2,354,236; July 25.
Air deflector for air ducts. A. P. Livar. 2,350,514; June 6.
Air drying device. J. A. Baker. 2,341,893; Feb. 15.
Air ejector for dies. F. B. Menger and E. C. Faber. 2,341,187; Feb. 8.
Airfield. W. C. Coryell. 2,344,131; Mar. 14.
Airfield traffic control. W. K. Dallas. 2,350,594; June 6.
Air filter. M. E. Cupery. 2,347,031; Apr. 18.
Air filter. R. F. Zimmerman. 2,348,163; May 2.
Air filtering material. I. N. Smith. 2,353,936–7; July 18.
Airfoil. R. W. Griswold, II. 2,348,252; May 9.
Airfoil. R. W. Griswold, II. 2,348,253; May 9.
Airfoil. D. C. Law and J. T. Ellis. 2,341,997; Feb. 15.
Airfoil, Auxiliary. E. D. Shannon. 2,353,856; July 18.
Airfoil control. C. J. Leutholt. 2,343,986; Mar. 14.
Airfoil, Longitudinally controllable. M. M. Munk. 2,354,042; July 18.
Airfoil testing apparatus. C. F. Beed. 2,340,505; Feb. 1.
Air heating furnace. R. E. Fraser. 2,345,559; Apr. 4.
Air impeller. G. G. Currie. 2,359,466; Oct. 3.
Air impeller. R. W. Kritzer. 2,339,017; Jan. 11.
Air impeller. W. A. Norris. 2,347,838; May 2.
Air impeller, Rotary. P. A. Muller and L. W. Childs. 2,360,440; Oct. 17.
Air in refrigerator cars, Method and apparatus for controlling the circulation of. C. W. Mann. 2,346,931; Apr. 18.
Air induction means. J. G. Lee. 2,339,575; Jan. 18.
Air intensifier, Compressed. G. N. Cadbury. 2,340,929; Feb. 8.
Air jacket, Ever-ready. V. Gerich. 2,346,019; Apr. 4.
Air mixer. E. H. Collicutt. 2,362,355; Nov. 7.
Air motor. E. W. Gent. 2,351,328; June 13.
Air motor. F. H. W. Miller. 2,364,306; Dec. 5.
Air nozzle. F. H. Chirgwin. 2,347,149; Apr. 18.
Air operated instrument and driving means therefor. W. L. Davis. 2,338,098; Jan. 4.
Air outlet device. F. J. Kurth and F. Honerkamp. 2,345,938; Apr. 4.
Air outlet device and producing same. F. Honerkamp. 2,353,826; July 18.
Airplane. V. N. Di Vossi. 2,364,956; Dec. 12.
Airplane. J. Heitmann. 2,363,129; Nov. 21.
Airplane. O. C. Koppen. 2,353,907; July 18.
Airplane. O. C. Koppen. 2,353,962; July 18.
Airplane. O. C. Koppen. 2,355,026; Aug. 1.
Airplane. S. S. Le Sha. 2,346,977; Apr. 18.
Airplane. J. Wilton. 2,350,140; May 30.
Airplane air brake. J. M. Olazsy. 2,344,520; Mar. 21.
Airplane and package, Knockdown decoy. P. R. Goldman. 2,360,220; Oct. 10.
Airplane body construction. H. M. Schick. 2,351,152; June 13.
Airplane bomb hoist. G. A. Peterson. 2,358,096; Sept. 12.
Airplane, Compression. D. K. Warner. 2,364,677; Dec. 12.
Airplane construction. G. A. Maag. 2,340,195; Jan 25.
Airplane construction. R. J. Woods. 2,346,809; Apr. 18.
Airplane control mechanism. E. J. Elias. 2,360,116; Oct. 10.
Airplane, Decoy. J. Weisbaum. 2,351,891; June 20.
Airplane dispatching system. S. N. Wight. 2,344,759; Mar. 21.
Airplane dispatching system. S. N. Wight and O. S. Field. 2,344,760; Mar. 21.
Airplane, Dive bombing. E. M. Bertrán. 2,362,345; Nov. 7.
Airplane, Double wing. C. Karlik. 2,339,338; Jan. 18.
Airplane drive. V. A. Larsen. 2,359,652; Oct. 3.
Airplane fire extinguishing apparatus and method. P. G. MacGregor. 2,340,006; Jan. 25.
Airplane flight demonstration device. M. H. Kahlow. 2,358,931; Sept. 26.
Airplane flight indicator. H. F. De Weese. 2,355,517; Aug. 8.
Airplane float capable of being expanded and contracted. T. Nakagawa. 2,345,143; Mar. 28.
Airplane, Folding wing. E. G. Dickinson and S. T. Payne. 2,343,645; Mar. 7.
Airplane heating system. S. E. Heymann. 2,357,112; Aug. 29.
Airplane heating system control. F. O. Hess and R. E. B. Wakefield. 2,364,214; Dec. 5.
Airplane, Integrated model. H. M. McCoy. 2,354,392; July 25.
Airplane landing field locationing system and means. T. E. McDowell. 2,350,407; June 6.
Airplane landing gear. J. D. Wilhoit and N. F. Huber. 2,338,699; Jan. 11.
Airplane lift dolly. C. P. Baum. 2,362,981; Nov. 21.
Airplane, Model. H. R. Johnson. 2,347,689; May 2.
Airplane pickup mechanism. E. G. Hill. 2,348,342; May 9.
Airplane pickup mechanism. J. G. Ingres. 2,341,324; Feb. 8.
Airplane pickup mechanism. J. G. Ingres and H. W. Hey. 2,356,671; Aug. 22.
Airplane pickup mechanism. G. T. Smith. 2,341,337; Feb. 8.
Airplane pitch control. J. S. Morrison. 2,356,339; Aug. 22.
Airplane power plant cooling. J. S. McDonnell, Jr. 2,340,396; Feb. 1.
Airplane retractible tail wheel or skid mount. E. A. Eddy. 2,355,210; Aug. 8.
Airplane safety chair. G. Provenzano. 2,346,871; Apr. 18.
Airplane spotting and handling device. J. J. Domoj. 2,349,251; May 23.
Airplane, Stabilizer. A. Lavoie. 2,342,548; Feb. 22.
Airplane tank. C. G. Fogle. 2,356,155; Aug. 22.
Airplane testing apparatus. H. O. Hem. 2,353,033; July 4.
Airplane towing means. J. C. Beirise. 2,350,999; June 13.
Airplane visualizing device. L. de Florez. 2,361,929; Nov. 7.
Airplane wing. E. V. Smith. 2,364,006; Nov. 28.
Airplane wing construction. C. M. Cosand. 2,344,286; Mar. 14.
Airplane wing construction. O. R. Courtney. 2,356,918; Aug. 29.
Airplane wing gun mount. E. M. Bertrán and M. Sokol. 2,364,509; Dec. 5.
Airplane with nonstalling and glide angle control characteristics. D. R. Zuck. 2,347,230; Apr. 25.
Airport fueling mechanism. R. J. Jauch and F. W. Sturm. 2,362,559; Nov. 14.
Airport fueling system. A. J. Granberg. 2,354,915; Aug. 1.
Air powered hair cutter. E. F. Sarver. 2,362,666; Nov. 14.
Air preheater mounting. P. H. Karlsson. 2,352,717; July 4.
Air preheater, Temperature zoned. J. Waitkus. 2,347,857; May 2.
Air pump lubricant. G. Kaufman, K. Uhrig, and R. S. Barnett. 2,353,830; July 18.
Air, Purifying. V. H. Steel. 2,343,338; Mar. 7.
Air raid black-out box. E. Van Damme. 2,364,931; Dec. 12.
Air raid warning system, Radio. W. R. Koch. 2,344,618; Mar. 21.
Air register. R. L. Leigh. 2,360,952; Oct. 24.
Air register. J. T. Voorhees. 2,362,600; Nov. 14.
Airscrew blade, Balanced. A. O. Daniels and H. V. German. 2,364,131; Dec. 5.
Air scrubber. F. M. Randolph. 2,345,859; Apr. 4.
Air seal composition for pneumatic tires. N. Owens. 2,347,925; May 2.
Air separator. J. M. Lamoureux. 2,343,985; Mar. 14.
Airship. J. D. Stewart. 2,341,577; Feb. 15.
Airship propulsion. F. Vogel. 2,364,496; Dec. 5.
Airship, Rigid. H. R. Liebert. 2,365,827; Dec. 26.
Air-speed computer. E. Kotcher. 2,342,674; Feb. 29.
Air-speed control and spin delay assembly for link trainers. S. Holbert. 2,362,486; Nov. 14.
Air-speed indicator. W. A. Reichel. 2,363,143; Nov. 21.
Air-speed meter. E. M. Ardelt. 2,355,694; Aug. 15.
Air-speed meter. P. E. Mercier and R. Planiol. 2,355,921; Aug. 15.
Air sterilizing apparatus. D. J. Kiely. 2,347,954; May 2.
Air supply means for pot type burners, Secondary. J. L. Breese. 2,346,815; Apr. 18.
Air translating apparatus. G. H. Koch. 2,344,309; Mar. 14.
Air tube for pneumatic tires. A. L. Couturier. 2,356,508; Aug. 22.
Air valve. A. Keefe. 2,349,435; May 23.
Air valve. J. T. Riddell. 2,349,463; May 23.
Air valve for stokers. C. J. and H. E. Winkler. 2,340,281; Jan. 25.

Air vent and overflow for radiators. A. B. Arnold. 2,357,626; Sept. 5.
Air venting valve. J. Upton. 2,362,327; Nov. 7.
Air volume control for fluid pressure tanks. J. G. Dorward, Jr. 2,347,472; Apr. 25.
Air washer and humidifier. P. I. Holmes. 2,360,229; Oct. 10.
Air washing apparatus. A. J. Dalton. 2,353,548; July 11.
Airway traffic control system. S. N. Wight and O. S. Field. 2,344,761; Mar. 21.
Airfoil, Adjustable. R. H. Gillmor. 2,349,858; May 30.
Alarm apparatus. J. G. M. Broden. 2,352,467; June 27.
Alarm circuit. E. A. Roundburg. 2,347,507; Apr. 25.
Alarm circuit closer, Gravity actuated. E. R. Underwood. 2,364,010; Nov. 28.
Alarm circuits. J. H. Derby. 2,351,587; June 20.
Alarm device, Electromagnetic. J. H. Rubenstein. 2,355,395; Aug. 8.
Alarm device, Flow responsive. E. Tyden. 2,359,338; Oct. 3.
Alarm fixture, Burglar. S. E. Tyminski. 2,339,528; Jan. 18.
Alarm for boilers, Low-water. C. K. Steins. 2,356,283; Aug. 22.
Alarm for synchronous telegraph circuits. A. F. Connery and E. R. C. Coe. 2,351,014; June 13.
Alarm system. M. H. A. Lindsay and K. Woloschak. 2,343,987; Mar. 14.
Alarm system. R. W. Reynolds. 2,345,771; Apr. 4.
Alarm system, Hot bearing. L. J. Stephenson. 2,339,436; Jan. 18.
Album bag sections, Producing. G. W. Poppe. 2,359,440; Oct. 3.
Albums, Family movie. G. W. Hartwig. 2,357,738; Sept. 5.
Albuminoid and fatty substances, Artificial digestion of. M. Percheron. 2,350,811; June 6.
Albuminous products from milk good for beating and baking, Separating. K. Kremers. 2,349,969; May 30.
Alcohol from aqueous mixtures thereof, Obtaining absolute. T. O. Wentworth. 2,358,193; Sept. 12.
Alcohol, Producing. L. M. Christensen. 2,348,451; May 9.
Alcohol, Production of high-proof. C. J. Kiefer and E. S. Monohan. 2,359,860; Oct. 10.
Alcohol-reaction catalysts. H. Burrell. 2,360,394; Oct. 17.
Alcohol recovery process. H. O. Mottern. 2,340,012; Jan. 25.
Alcohol, Stabilization of polyvinyl. G. S. Stamatoff. 2,346,282; Aug. 22.
Alcoholic hydroxyl groups by bromine, Substituting. H. Davies. 2,359,828; Oct. 10.
Alcohols and esters, Continuous process for forming unsaturated. A. S. Richardson and J. E. Taylor. 2,340,691; Feb. 1.
Alcohols and making same, N-substituted amino. M. Senkus. 2,363,465; Nov. 21.
Alcohols, Forming. A. S. Richardson and J. E. Taylor. 2,340,687–8–9; Feb. 1.
Alcohols, Higher molecular. H. Bertsch. 2,344,671; Mar. 21.
Alcohols or esters, Forming. A. S. Richardson and J. E. Taylor. 2,340,343; Feb. 1.
Alcohols or esters, Forming. A. S. Richardson and J. E. Taylor. 2,340,690; Feb. 1.
Alcohols or esters, Forming unsaturated. A. S. Richardson and J. E. Taylor. 2,340,344; Feb. 1.
Alcohols, Oxidation of secondary. D. C. Hull. 2,354,683; Aug. 1.
Alcohols, Preparation of alkoxy-substituted. S. Sussman and W. F. Gresham. 2,340,907; Feb. 8.
Alcohols, Production of. W. J. Kerns and H. Schneider. 2,350,558; June 6.
Alcohols, Purification of. R. J. Ozol and C. R. Masterson. 2,356,689; Aug. 22.
Alcohols, Refining low-boiling. R. E. Lembcke. 2,351,527; June 13.
Alcoholysis catalysts. H. Burrell. 2,360,393; Oct. 17.
Aldehyde-carboxylic acid. H. A. Bruson and T. W. Rienert. 2,342,607; Feb. 22.
Aldehyde condensation products of s-benzyl thioammeline. H. A. Bruson. 2,345,456; Mar. 28.
Aldehyde copolymer. J. C. Patrick. 2,363,616; Nov. 28.
Aldehyde-ketone mixtures, Separation of. J. E. Bludworth. 2,355,140; Aug. 8.
Aldehyde reaction product of styrene and a polymer. S. Caplan and W. F. Schaufelberger. 2,338,231; Jan. 4.
Aldehydes and carbamidomethylamino triazines and preparing the same, Condensation products of. G. F. D'Alelio. 2,339,623; Jan. 18.
Aldehydes and diazine derivatives, Reaction product of. G. F. D'Alelio and J. W. Underwood. 2,352,943; July 4.
Aldehydes and poly-(diazinyl hydrazino) derivatives of polycarboxylic acids, Reaction products of. G. F. D'Alelio and J. W. Underwood. 2,339,061; Jan. 11.
Aldehydes and triazine derivatives, Reaction products of. G. F. D'Alelio and J. W. Underwood. 2,338,494; Jan. 4.
Aldehydes and triazine derivatives, Reaction products of. G. F. D'Alelio and J. W. Underwood. 2,352,942; July 4.
Aldehydes, Recovery of unsaturated. L. U. Spence and F. W. Robinson. 2,347,636; Apr. 25.
Alicyclic compounds, Manufacture of. L. M. Joshel. 2,349,173; May 16.
Alicyclic compounds, Manufacture of. L. M. Joshel. 2,349,232; May 16.
Alicyclic esters of alpha-hydroxyisobutyric acids. C. R. Caryl, J. T. Thurston, and D. W. Kaiser. 2,348,710; May 16.
Aligning device, Article. A. O. Riddle. 2,364,243; Dec. 5.
Aligning fixture. R. S. Payne. 2,341,284; Feb. 8.
Alignment gauge. F. C. Zucker. 2,351,386; June 13.
Aliphatic alcohols and terpene-phosphorus sulphide, Reaction products of. R. L. May. 2,356,073; Aug. 15.
Aliphatic alcohols, Oxidation of lower. D. C. Hull. 2,353,157–60; July 11.
Aliphatic amines, Manufacture of. J. F. Olin and J. F. McKenna. 2,365,721; Dec. 26.
Aliphatic amines, Mercurated. A. W. Ralston and M. R. McCorkle. 2,356,884; Aug. 29.
Aliphatic aminoacyl compound and preparing the same. H. W. Gray. 2,343,769; Mar. 7.
Aliphatic-aromatic sulphonates, Preparation of. R. L. Brandt. Re. 22,548; Sept. 26.
Aliphatic dicarbylamines and producing them. H. Dreyfus. 2,347,772; May 2.
Aliphatic hydrocarbons, aromatisation of. E. T. Layng. 2,349,826; May 30.
Aliphatic lactones, Recovering. R. M. Isham and O. Spring. 2,342,145; Feb. 22.
Aliphatic polyether polyamides. H. A. Bruson. 2,359,708; Oct. 3.
Alkali metal acid salts of oxidation products of abietic acid. L. Sternbach. 2,357,613; Sept. 5.
Alkali metal and alkaline earth metal hypochlorites and alcohol, Producing. C. A. Hampel. 2,360,492; Oct. 17.
Alkali metal cellulose xanthate, Production of. W. R. Schmitz, Jr. 2,364,392; Dec. 5.
Alkali metal hydroxides, Purifying aqueous. G. W. Vose. 2,364,882; Dec. 12.
Alkali metal phenyl malonic esters, Producing. V. H. Wallingford, and A. H. Homeyer. 2,351,085; June 13.
Alkali metal silicates, Manufacture of. R. F. Ruthruff. 2,352,738; July 4.
Alkaline cleaning composition. L. J. Comaschi. 2,350,592; June 6.
Alkaline detergents. C. Schwartz. 2,359,587; Oct. 3.
Alkamine derivatives of ethers of p-hydroxy-methyl benzoic acid. V. S. Salvin and A. J. Hill. 2,350,826; June 6.
Alkanedione dioximes. S. B. Lippincott. 2,340,271; Jan. 25.
Alkoxy-butadienes, Polymerization of. P. Halbig, F. Matthias, and A. Treibs. 2,344,085; Mar. 14.
Alkyd resin and preparing the same. T. F. Bradley. 2,345,528; Mar. 28.
Alkyd resin as plasticizer. C. Opp. 2,357,221; Aug. 29.
Alkyl diamides of aromatic disulphonic acids and products treated therewith. D. Aelony. 2,358,273; Sept. 12.
Alkyl sulphides, Production of. W. A. Schulze and L. C. Morris. 2,362,219; Nov. 7.
Alkylation. E. B. Allred. 2,344,015; Mar. 14.
Alkylation. A. L. Blount. 2,356,374; Aug. 22.
Alkylation. A. W. Francis and E. E. Reid. 2,364,203; Dec. 5.
Alkylation acids, Recovery of. J. A. O'Dell. 2,343,791; Mar. 7.
Alkylation, Catalytic. F. J. Beyerstedt. 2,363,222; Nov. 21.
Alkylation of aromatics. E. L. d'Ouville and B. L. Evering. 2,338,711; Jan. 11.
Alkylation of hydrocarbons. A. R. Goldsby, E. F. Pevere, L. A. Clarke, and G. B. Hatch. Re. 22,510; July 4.
Alkylation of hydrocarbons. E. F. Pevere, L. A. Clark, G. B. Hatch, and F. H. Bruner. 2,346,452; Apr. 11.
Alkylation of isoparaffinic hydrocarbons. L. S. Kassel. 2,338,248; Jan. 4.
Alkylation of isoparaffins. A. Voorhies, Jr., and E. M. Hattox. 2,351,464; June 13.
Alkylation process. J. A. Chenicek. 2,360,547; Oct. 17.
Alkylation process. A. R. Goldsby. 2,341,863; Feb. 15.
Alkylation process. H. M. Karr and C. MacHenry. 2,359,119; Sept. 26.
Alkylation process. S. H. McAllister and W. E. Ross. 2,344,469; Mar. 14.
Alkylation process. A. A. O'Kelly and D. P. J. Goldsmith. 2,347,790; May 2.
Alkylation process. A. A. O'Kelly and R. H. Work. Re. 22,458; Mar. 21.
Alkylation process. A. N. Sachanen and S. B. Davis. 2,361,355; Oct. 24.
Alkylation process. A. N. Sachanen, A. A. O'Kelly, and R. H. Work. 2,361,356; Oct. 24.
Alkylation process. A. J. Tulleners. 2,349,211; May 16.
Alkylation process employing hydrogen. C. Ellis. 2,364,430; Dec. 5.
Alkylation process, Two-stage. B. Hopper. 2,354,595; July 25.
Alkylation with olefin mixtures. R. N. Meinert. 2,348,637; May 9.
Alkyloi guanidine, Symmetrical aryl disubstituted. W. P. Ericks and J. H. Williams. 2,338,627; Jan. 4.
All-weather tire. J. P. Tarbox. 2,354,715; Aug. 1.

Alley, Automatic bowling. E. Hedenskoog. 2,348,540; May 9.
Alloxazines and isoalloxazines, Preparation of. M. Tishler and G. Carlson. 2,350,376; June 6.
Alloy; &c—
Chromium iron alloy. Lead alloy.
Copper-base alloy. Magnesium alloy.
Copper-zinc-manganese alloy. Metallic coating alloy.
Electrical resistance alloy. Platinum-nickel alloy.
Ferrous alloy. Solder alloy.
High tensile strength non-corrosive alloy. Steel alloy.
Tool alloy.
Alloy. J. Trantin, Jr. 2,351,791; June 20.
Alloy. J. Trantin, Jr. 2,359,692; Oct. 3.
Alloy for metal to glass seals, and the like, and producing same. V. O. Allen and J. F. Polak. 2,343,038; Feb. 29.
Alloy for permanent magnets. W. Dannöhl and H. Neumann. 2,347,543; Apr. 25.
Alloy powder production, High-grade. J. Wulff. 2,356,807; Aug. 29.
Alloy products, Manufacture of copper base. A. Morris. 2,365,208; Dec. 19.
Alloy steel article. O. N. Peterson. 2,360,271; Oct. 10.
Alloying and fusing process. J. S. Nachtman. 2,357,126; Aug. 29.
Alloys. R. S. Dean and C. T. Anderson. 2,348,207; May 9.
Alloys, Copper base. F. C. Evans. 2,357,190; Aug. 29.
Alloys for cutting tools. A. G. de Golyer. 2,363,947; Nov. 28.
Alloys, Manganese nickel. R. S. Dean and C. T. Anderson. 2,339,252; Jan. 18.
Allyl and methallyl esters of alpha-hydroxy-isobutyric and alpha-acetoxy-isobutyric acids. C. E. Rehberg and C. H. Fisher. 2,355,330; Aug. 8.
Allyl chloride and its homologues, Higher molecular substances from. W. Bauer and F. Götz. 2,339,893; Jan. 11.
Allyl ethers of diallyl malate. H. S. Rothrock. 2,346,612; Apr. 11.
Allyl polymer. G. W. Hooker, S. C. Stowe, and S. M. Stoesser. 2,342,582; Feb. 22.
Allyl type halides, Treatment of. M. A. Pollack. 2,349,752; May 23.
Alpha-aryl acrylonitriles, Preparing. A. M. Clifford and J. R. Long. 2,362,049; Nov. 7.
Alpha,beta-dialkyl-alpha, beta-diaryl-ethanes, Preparing. H. Bretschneider and Z. Földi. 2,350,718; June 6.
Alpha-dichloro-beta monochloropropionyl chloride. J. G. Lichty. 2,361,552; Oct. 31.
Alpha-hydroxyisobutyric acid esters, Producing unsaturated derivatives of. P. M. Kirk and P. P. McClellan. 2,356,247; Aug. 22.
Alpha-primary amino carboxylic acids. W. L. Alderson, Jr. 2,346,547; Apr. 11.
α-pyrone carboxylic acid amides and their manufacture. H. Martin, W. Baumann, H. Zaeslin, and H. Gysin. 2,364,304; Dec. 5.
Alternate carrier television system. F. J. Bingley. 2,347,248; Apr. 25.
Alternating current electric circuit breaker of the gas-blast type. D. F. Amer and W. H. Webb. 2,365,131; Dec. 12.
Alternating current generator. K. S. Dunlap and C. A. Lovell. 2,356,229; Aug. 22.
Alternating current generator. R. F. Mallina. 2,348,352; May 9.
Alternating current network. L. L. Bosch. 2,365,514; Dec. 19.
Alternating current supply. F. P. Mason. 2,364,802; Dec. 12.
Alternating current supply system. J. G. Sola. 2,346,621; Apr. 11.
Alternating-current synchronous motor. M. J. Johnson. 2,353,670; July 18.
Alternating electric switch. D. W. Scofield. 2,349,522; May 23.
Altimeter. A. Menzer. 2,355,990; Aug. 15.
Altimeter for obtaining actual altitude of aircraft. W. Naida. 2,362,393; Nov. 7.
Alumina, Extracting. T. P. Hignett. 2,365,702; Dec. 26.
Alumina from clay, Producing. S. C. Lyons. 2,354,133; July 18.
Alumina gel catalysis. L. Heard, R. V. Shankland and J. C. Ballie. 2,345,600; Apr. 4.
Alumina (metallurgical grade) from highly silicious aluminous ores, Manufacture of. G. Gaither. 2,356,157; Aug. 22.
Alumina, Producing. W. Dyckerhoff and W. Wittekindt. 2,351,941; June 20.
Alumina, Producing. E. E. Fisher. 2,347,736; May 2.
Aluminate and silicate inclusions, Eliminating. H. E. Phelps. 2,360,717; Oct. 17.
Aluminous material. H. N. Baumann, Jr., and R. C. Benner. 2,360,841; Oct. 24.
Aluminum alloy. W. Bonsack. 2,357,449–52; Sept. 5.
Aluminum and aluminum alloys, Surface treatment of. A. N. D. Pullen. 2,339,806; Jan. 25.
Aluminum and other metals, Method of and apparatus for rolling and cooling. W. T. Hurtt. 2,342,199; Feb. 22.
Aluminum base alloy with protective coating. G. Gauthier. 2,354,006; July 18.
Aluminum cutter. G. F. Brow and F. Rioux. 2,341,358; Feb. 8.
Aluminum, Cutting. G. F. Brow and F. E. Rioux. 2,358,772; Sept. 26.
Aluminum hydrate, Production of aggregates of. V. M. Stowe. 2,352,867; July 4.
Aluminum material for spot welding, Conditioning. D. E. Stevens. 2,365,153; Dec. 19.
Aluminum silicate pigments and preparing them. L. Balassa. 2,356,297; Aug. 22.
Aluminum subacetate-producing composition. H. Berger. 2,360,388; Oct. 17.
Ammonium sulphate and elemental sulphur, Production of. R. Lepsoe and R. F. Mitchell. 2,359,319; Oct. 3.
Aluminum sulphate, Preparation of. N. A. Sargent. 2,340,567; Feb. 1.
Aluminum sulphate products, Manufacture of. R. W. Tomlinson and H. G. Meyer. 2,350,575; June 6.
Aluminum sulphate solution, Purifying. J. H. Walthall. 2,359,340; Oct. 3.
Amalgam carrier. I. E. Sigveland. 2,352,808; July 4.
Amalgam mixing machine. H. E. Meltzer. 2,339,092; Jan. 11.
Amalgamator. G. F. Rotsler. 2,347,284; Apr. 25.
Amide wetting, detergent and sudsing agent, Sulphated. H. Bertsch. 2,355,503; Aug. 8.
Amine salts of polyhalo-phenols. E. C. Britton and J. N. Hansen. 2,362,464; Nov. 14.
Amines, Manufacture of. R. H. Goshorn. 2,349,222; May 16.
Amines, Manufacture of. H. R. C. Pratt and G. O. Morris. 2,349,461; May 23.
Amines, Manufacture of aliphatic. O. C. Slotterbeck and A. R. Kittleson. 2,353,091; July 4.
Amines, Preparation of. W. O. Pool and R. H. Potts. 2,358,030; Sept. 12.
Amines, Preparation of. H. P. Young, Jr. 2,355,356; Aug. 8.
Aminoalkanediols. M. Senkus. 2,363,466; Nov. 21.
Aminoalkanes. H. A. Shonle and E. Rohrmann. 2,350,318; May 30.
Aminoalkyl sulphide-aldehyde reaction product. R. A. Mathes and P. C. Jones. 2,363,607; Nov. 28.
Amino derivative of organic acids for rubber compounding surface activation, etc. E. A. Van Valkenburgh. 2,360,913; Oct. 24.
Amino diphenyl sulphides and making them. T. B. Johnson. 2,350,900; June 6.
Aminophenol derivative and photographic developer containing it. V. H. Reckmeyer, and A. H. Brunner, Jr. 2,343,326; Mar. 7.
Aminophenol derivatives. V. H. Reckmeyer and A. H. Brunner, Jr. 2,352,287; June 27.
Aminoplast, Plasticized. G. F. D'Alelio. 2,354,504; July 25.
Aminopyrans, Production of. T. F. Carruthers and R. W. Kiefer. 2,350,446; June 6.
Amino-substituted aromatic amides, Manufacture of primary. A. H. Knight and W. E. Stephen. 2,346,492; Apr. 11.
Amino-substituted compound of the benzene series and making the same. V. Weinmayr. 2,351,247; June 13.
Aminothiazolines, Making. R. A. Mathes. 2,345,208; Mar. 28.
Ammeter. E. Zoerlein. 2,346,811; Apr. 18.
Ammonium compound and making same, Quaternary. M. De Groote and B. Keiser. 2,348,613; May 9.
Ammonium derivatives, Organic quaternary. A. L. Linch. 2,359,863; Oct. 10.
Ammunition. G. M. Calhoun and P. B. Rutherford. 2,341,310; Feb. 8.
Ammunition. C. D. Coxe. 2,341,264; Feb. 8.
Ammunition. C. D. Coxe. 2,359,087; Sept. 26.
Ammunition. W. S. Reynolds. 2,345,885; Apr. 4.
Ammunition. T. Stevenson. 2,340,284; Feb. 1.
Ammunition. L. C. Tienken, Jr., and M. B. Vordahl. 2,350,574; June 6.
Ammunition. C. L. Wainwright. 2,353,798; July 18.
Ammunition abrading apparatus. H. J. Hackman. 2,350,553; June 6.
Ammunition and explosive-charge making. H. D. Hotchkiss. 2,350,556; June 6.
Ammunition attachment for automatic guns, Blank. H. Schmeisser. 2,356,538; Aug. 22.
Ammunition belt for machine guns. C. G. Trimbach. 2,356,725; Aug. 22.
Ammunition belts to machine guns, Feeding. J. D. North. 2,364,309; Dec. 5.
Ammunition box for machine guns. J. Martin. 2,339,869; Jan. 25.
Ammunition charger. J. J. Calhoun. 2,354,499; July 25.
Ammunition container. G. W. O'Hare and C. Harley. 2,349,454; May 23.
Ammunition primer composition. W. Brün. 2,341,205; Feb. 8.
Ammunition priming composition. W. Brün and P. H. Burdett. 2,350,670; June 6.
Ammunition priming composition. P. H. Burdett and G. M. Calhoun. 2,356,211; Aug. 22.
Ammunition priming composition. P. H. Burdett and G. M. Gordon. 2,345,868; Apr. 4.

Ammunition priming mixture. L. A. Burrows and W. Brün. 2,341,263; Feb. 8.
Ammunition to heavy machine guns, Feeding belt. J. D. North 2,357,127; Aug 29.
Ammunition trimming machine. E. J. Moffitt. 2,359,931; Oct. 10.
Amphibian vehicle. R. W. Hofheine, C. E. Harrington, C. B. Thomas and P. P. M. Duboscland. 2,350,037; May 30.
Amplification system. J. P. Fay. 2,358,630; Sept. 19.
Amplification with high efficiency. J. W. McRae. 2,356,331; Aug. 22.
Amplifier, Broad band high frequency. P. K. Chatterjea and P. M. Brand. 2,360,475; Oct. 17.
Amplifier circuit. M. E. Campbell. 2,356,446; Aug. 22.
Amplifier circuit. W. H. Cook and H. C. Dalrymple. 2,358,148; Sept. 12.
Amplifier circuit. M. A. Lissman. 2,338,342; Jan. 4.
Amplifier, Electron discharge. D. E. Maxwell. 2,365,575; Dec. 19.
Amplifier, Feedback. R. N. Harmon and F. W. Fischer. 2,361,198; Oct. 24.
Amplifier for cathode ray oscillographs, Blanking. H. J. Schrader and R. D. Scheldorf. 2,363,810; Nov. 28.
Amplifier for low frequency signals, Thermistor as. L. W. Hussey. 2,360,233; Oct. 10.
Amplifier for self-synchronous systems, Isolation. B. A. Somers. 2,356,186; Aug. 22.
Amplifier, High gain. O. W. Pineo. 2,345,501; Mar. 28.
Amplifier, Push-pull. H. C. Duft. 2,339,466; Jan. 18.
Amplifier, Secondary electron. A. J. W. M. van Overbeek. 2,340,631; Feb. 1.
Amplifier, Short wave. P. F. Byrne. 2,359,618; Oct. 3.
Amplifier, Signal mixing. M. Cawein. 2,353,876; July 18.
Amplifier, Torque. W. E. Swift, Jr. 2,355,686; Aug. 15.
Amplifier, Two-way. H. J. Donaldson. 2,366,011; Dec. 26.
Amplifier, Ultra-high-frequency. J. A. Rankin and A. E. Newlon. 2,342,492; Feb. 22.
Amplifier, Water-cooled. A. Marzoli and F. Cervellati. 2,361,487; Oct. 31.
Amplifier, Wide band. G. L. Fredendall. 2,356,308 Aug. 22.
Amplifiers, Negative feedback. A. H. Roche and T. W. Elliott. 2,364,389; Dec. 5.
Amplifiers, Reduction of low frequency regeneration and hum in multistage audio. F. E. Terman. 2,364,403; Dec. 5.
Amplifying and detecting system. V. W. Breitenstein. 2,341,528; Feb. 15.
Amplifying system. P. C. Gardiner. 2,354,514; July 25.
Amplifying system. A. Preisman. 2,344,727; Mar. 21.
Amplifying system. C. H. Rumpel. 2,342,822; Feb. 29.
Amplitude limiting circuits. G. I. Dallos. 2,338,412; Jan. 4.
Amplitude modulation limiter circuit. S. Hunt. 2,344,699; Mar. 21.
Amplitude modulation limiter circuit. J. A. Rankin. 2,340,429; Feb. 1.
Amplitude range control in signal transmission systems. S. B. Wright. 2,344,012; Mar. 14.
Ampoule. M. R. Fields. 2,338,102; Jan. 4.
Ampoule. A. E. Smith. 2,362,103; Nov. 7.
Ampoule opener. G. M. Hoey. 2,359,644; Oct. 3.
Ampoule washer. E. E. Lakso. 2,347,057; Apr. 18.
Ampoules containing compressed gas, Method and apparatus for making. J. L. Pujol y Font. 2,361,413; Oct. 31.
Amusement apparatus. E. Mecchi. 2,345,855; Apr. 4.
Amusement apparatus. C. A. Solinski. 2,342,019; Feb. 15.
Amusement device. R. H. D. Westmaas. 2,343,489; Mar. 7.
Amusement or exercising device. E. D. Gibbs. 2,364,137; Dec. 5.
Amusement or instruction device. N. Eastman. 2,344,699; Dec. 12.
Analgetically active tetrahydronaphthols, Production of. G. Scheuing and B. Walach. 2,352,020; June 20.
Analysis method for geochemical exploration. G. L. Hassler. 2,364,898; Dec. 12.
Analysis with radioactive material. J. E. Hill. 2,365,553; Dec. 19.
Analytical apparatus. G. M. Dreher. 2,362,687; Nov. 14.
Analyser, Engine operation. C. Unterberg. 2,365,227; Dec. 19.
Analyzing device. W. Heidinger. 2,362,004; Nov. 7.
Anatomical model. F. P. Lord. 2,345,489; Mar. 28.
Anchor. W. S. McLeish. 2,360,067; Oct. 10.
Anchor. W. F. Warren. 2,343,350; Mar. 7.
Anchor. W. F. Warren. 2,357,368; Sept. 5.
Anchor. W. Wilson. 2,359,538; Oct. 3.
Anchor, Boat. H. Behrens. 2,365,136; Dec. 12.
Anchor bolt. M. E. Turner. 2,347,581; Apr. 25.
Anchor device for aircraft, Air drag landing. G. C. Jenkins. 2,363,732; Nov. 28.
Anchor, Expanding land. F. W. Aiken. 2,340,447; Feb. 1.
Anchor for flexible cables and securing the same thereto. G. M. Gnderian. 2,357,733; Sept. 5.
Anchor for packers, Adjustable. C. H. Barnes. 2,365,327; Dec. 19.
Anchor for tank cars. F. G. Garlock and J. R. Mull. 2,338,925; Jan. 11.
Anchor for use in veneering concrete structures. C. E. Handel. 2,338,328; Jan. 4.
Anchor, Foundation garment. C. Bullinger. 2,359,463; Oct. 3.
Anchor, Nut. J. R. Leisure. 2,353,252; July 11.
Anchor pin construction and assembly method. S. Schnell 2,347,219; Apr. 25.
Anchor, Pressure-actuated tubing. E. C. Brumleu and W. E. Gilbert. 2,350,973; June 6.
Anchor rope mechanism. L. H. Fey. 2,354,805; Aug. 1.
Anchor stud for abrasive wheels. R. Jockel. 2,351,129; June 13.
Anchor, Twin-fluke. R. S. Danforth. 2,354,666; Aug. 1.
Anchoring means for the assembling of interdriven members, Permanent. E. A. Miller. 2,358,728; Sept. 19.
Anchoring the elastic threads of fabric and the product produced by the method, N. W. Cook. 2,341,019; Feb. 8.
Anemometer. R. H. Packard. 2,346,964; Apr. 18.
Anesthetic administration apparatus. H. A. E. Talley. 2,343,231; Feb. 29.
Anesthetic apparatus. R. V. Foregger. 2,354,452; July 25.
Anesthetic apparatus. H. Reits, Jr. 2,342,602; Feb. 22.
Anesthetic compound and preparation. D. Curtis. 2,352,691; July 4.
Anesthetic compounds. W. F. Ringk. 2,363,083; Nov. 21.
Anesthetic compounds, intermediates, and processes therefor. W. F. Ringk. 2,363,081-2; Nov. 21.
Anesthetic, Topical epithelial. L. Stambovsky. 2,340,776; Feb. 1.
Angledozer. G. D. Shaeffer. 2,347,290; Apr. 25.
Angle drive. J. H. Holstein. 2,352,262; June 27.
Angle gauge. R. A. Palmer. 2,346,940; Apr. 18.
Angle of attack indicator. C. L. Johnson. 2,352,955; July 4.
Angle-of-lead control. W. F. Tufts. 2,356,189; Aug. 22.
Angle plate for lathes. H. C. Stoll. 2,357,062; Aug. 29.
Angle shrinker. C. L. Beard. 2,364,938; Dec. 12.
Angle toolholder. D. E. Selby. 2,348,266; May 9.
Anhydride, Purification of phthalic. K. H. Engel and H. L. Stasse. 2,356,449; Aug. 22.
Anhydrous hydrogen halide, Manufacture of. T. W. Evans and H. de V. Finch. 2,357,095; Aug 29.
Anhydrous $MgCl_2$, Producing. H. S. Cooper. 2,355,367; Aug. 8.
Anhydrous sodium-orthosilicate, Preparing. E. Zintl. 2,351,385; June 13.
Aniline, Distilling. H. P. Orem. 2,358,162; Sept. 12.
Animal and fish products, Curing and preservation of. L. S. Stuart. 2,349,836; May 30.
Animal feed compositions, Manufacturing. M. Shoeld. Re. 22,500; June 20.
Animal pen. E. G. Bate. 2,346,001; Apr. 4.
Animal tissue, Treatment of. C. T. Walter. 2,352,154; June 20.
Animal tissue, Treatment of. C. T. Walter and L. R. Newton. 2,357,566; Sept. 5.
Animal trap. C. W. Crumrine. 2,348,729; May 16.
Animal trap. C. W. Crumrine. 2,360,851; Oct. 17.
Animal trap. H. R. Graybill. 2,348,251; May 9.
Animal trap. E. M. Smith. 2,362,031; Nov. 7.
Animated figure. W. D. Eakin. 2,349,492; May 23.
Animation, Simplifying. W. B. Justice. 2,348,983; May 16.
Anion-exchange units, Operation of. R. J. Myers and D. S. Herr. 2,354,172; July 18.
Anisetkonia determining and measuring device. H. L. Fuog. 2,364,844; Dec. 12.
Ankle joint for artificial limbs. N. F. Harrington. 2,357,893; Sept. 12.
Ankle support for boots. M. G. Hueston. 2,362,824; Nov. 14.
Annealing furnace. R. G. Le Tourneau. 2,345,133; Mar. 28.
Annealing, Method and apparatus for. A. B. Allen and J. L. Whitten. 2,360,633; Oct. 17.
Announcing apparatus. H. E. Reeves. 2,342,555; Feb. 22.
Announcing system, Time-of-day. E. H. Jones. 2,364,147; Dec. 5.
Annunciator system. N. Y. Priessman. 2,362,928; Nov. 14.
Anode. C. L. Mantell. 2,340,400; Feb. 1.
Anode assembly. F. Beldi. 2,358,553; Sept. 19.
Anode for cathodic protection systems. A. W. McAnneny. 2,360,244; Oct. 10.
Anode power supply. D. E. Watts. 2,350,206; May 30.
Anode structure. M. J. Zumick. 2,340,500; Feb. 1.
Anode structures, Assembling. E. H. Lehman. 2,340,670; Feb. 1.
Anodic treatment of ferrous metals. J. N. Sears. 2,357,554; Sept. 5.
Anodizing rack. G. L. Nankervis. 2,346,386; Apr. 11.
Antenna. H. H. Harsted. 2,354,314; July 25.
Antenna. A. T. Mace. 2,343,684; Mar. 7.
Antenna, Adjustable automobile. J. E. Barth. 2,350,866; June 6.
Antenna, Artificial. M. Cawein. 2,355,275; Aug. 8.
Antenna, Broad band directive. P. S. Carter. 2,357,382; Sept. 5.
Antenna, Coaxial cable loop. W. G. H. Finch and J. M. Wakefield. 2,349,154; May 16.

Antenna construction. E. Carlson. 2,349,406; May 23.
Antenna, Directional. R. R. Brunner. 2,350,337; June 6.
Antenna, Extensible. O. E. Wagenknecht. 2,343,944; Mar. 14.
Antenna feed system. N. E. Lindenblad. 2,341,408; Feb. 8.
Antenna, Loop. W. J. Polydoroff. 2,354,332; July 25.
Antenna mount. T. L. Ford, Jr. 2,359,835; Oct. 10.
Antenna operating reel. L. S. Brach. 2,344,490; Mar. 21.
Antenna, Projectable. H. G. Lehmann. 2,365,886; Dec. 26.
Antenna, Radio. W. J. White. 2,341,401; Feb. 8.
Antenna, Self-compensating video. M. W. Scheldorf. 2,352,977; July 4.
Antenna, Short wave. P. S. Carter. 2,359,620; Oct. 3.
Antenna system. B. T. Setchell. 2,360,726; Oct. 17.
Antenna system. R. S. Yoder and H. B. Saunders. 2,357,788; Sept. 5.
Antenna system, Directional. W. J. Polydoroff. 2,339,234; Jan. 11.
Antenna, Tower type. M. A. Rote. 2,344,171; Mar. 14.
Antenna, Turnstile. N. W. Aram. 2,338,564; Jan. 4.
Antenna with suppressed lobes or ears, Directional. E. Gerhard. 2,354,254; July 25.
Anthracene, Producing. C. F. Winans. 2,347,228; Apr. 25.
Anthraquinone compounds. J. B. Dickey. 2,357,176; Aug. 29.
Anthraquinone compounds. J. B. Dickey. 2,364,349; Dec. 5.
Anthraquinone compounds. H. R. Lee and W. Dettwyler. 2,359,373; Oct. 3.
Anthraquinone compounds and material colored therewith. J. B. Dickey and J. G. McNally. 2,338,908; Jan. 11.
Anthraquinone dyes for animal and related fibers. H. R. Lee and C. A. Young. 2,363,069; Nov. 21.
Anthraquinones containing trifluoro methyl groups and preparing them. O. Scherer. 2,347,846; May 2.
Antiacid composition. W. L. Lipschitz. 2,362,386; Nov. 7.
Antiaircraft device. G. W. Irwin. 2,354,754; Aug. 1.
Antiaircraft fire control system. G. W. Hopkins, Jr. 2,342,938; Feb. 29.
Antiaircraft projectiles. W. Be. Fraser. 2,339,921; Jan. 25.
Antiaircraft shell insert. D. H. Friend. 2,341,212; Feb. 8.
Antibackfire device for internal combustion engines. L. C. Maher. 2,340,071; Jan. 25.
Antibursting device for pipes. W. D. Tickel. 2,360,596; Oct. 17.
Antibuss fluid pressure regulator. T. A. St. Clair. 2,354,283; July 25.
Antibuss regulator. W. J. Fritsch. 2,340,952; Feb. 8.
Anticorrosion agents. G. W. Duncan. 2,366,013; Dec. 26.
Anticorrosive. E. J. Jahn. 2,363,792; Nov. 28.
Antidrip device. F. S. Elsaesser. 2,343,287; Mar. 7.
Anti-flex-cracking agents. E. J. Hart. 2,356,929; Aug. 29.
Antiflooding device for liquid fuel burners, Bellows operated. J. L. Breese. 2,346,813; Apr. 18.
Antifoam composition for aqueous baths. W. L. Denman. 2,363,922; Nov. 28.
Antifriction bearing. N. S. McNab. 2,341,730; Feb. 15.
Antifriction bearing. O. Stors. 2,365,154; Dec. 19.
Antifriction door latch. T. A. Overby. 2,349,301; May 23.
Antifriction guideway for reciprocable tool supports. H. F. Penney. 2,343,575; Mar. 7.
Antifriction journal box. R. Steinmann. 2,360,737; Oct. 17.
Anti-glare and ventilating device, Vehicle. W. T. Rossell, F. H. Shepard, and H. J. Bader. 2,359,246; Sept. 26.
Antiglare device. C. J. T. Young. 2,351,797; June 20.
Antiglare device. C. J. T. Young. 2,359,456; Oct. 3.
Antihalation protective layer. G. F. Nadeau and R. F. Miller. 2,346,078; Apr. 4.
Antihemorrhagic compounds. L. F. Fieser. 2,352,528; June 27.
Antihemorrhagic principles and products obtained thereby, Isolation of. L. F. Fieser. 2,357,944; Sept. 12.
Antiknock compound and motor fuel containing same. R. T. Bell. 2,352,760; July 4.
Anti-icing and engine cooling system for airplanes. L. Dewan. 2,366,089; Dec. 26.
Antimony trioxide pigments, Manufacture of. E. Podschus and G. Meder. 2,350,638; June 6.
Antioffset composition. E. G. Almy. 2,354,979; Aug. 1.
Antioxidant. C. W. Gates. 2,352,950; July 4.
Antioxidant. C. F. Gibbs. 2,342,136-7; Feb. 22.
Antioxidant. C. F. Gibbs. 2,359,360; Oct. 3.
Antioxidant. C. F. Gibbs. 2,366,018; Dec. 26.
Antioxidant. K. C. D. Hickman. 2,349,274; May 23.
Anti-oxidant. P. T. Paul. 2,348,842; May 16.
Antioxidant. P. T. Paul. 2,349,749; May 23.
Antioxidant. P. T. Paul. 2,363,687; Nov. 28.
Antioxidant. W. M. Smith and C. J. Wilson. 2,358,833; Sept. 26.
Antioxidant. J. I. Wasson and W. M. Smith. 2,362,516; Nov. 14.
Anti-perspirant and deodorant. E. Klarmann and L. W. Gates. 2,350,047; May 30.
Antirachitically active compounds. A. Windaus. 2,360,996; Oct. 24.
Antirattler. F. K. Flynn. 2,359,101; Sept. 26.
Antiskid device. L. A. Ederer. 2,346,477; Apr. 11.
Antiskid device. G. Faulds. 2,341,317; Feb. 8.
Antiskidding device. D. S. Barrows. 2,352,174; June 27.
Antiskinning agent. M. A. Eitelman. 2,339,984; Jan. 25.
Antislipping device. E. Medina. 2,353,483; July 11.
Antislipping device for use on either shoes or overshoes, detachable. M. L. Georgopoulos. 2,343,373; Mar. 7.
Antispin attachment for link trainers. M. C. Balsamo. 2,357,304; Sept. 5.
Antitheft device. E. Van Roo. 2,339,122; Jan. 11.
Antivitamin. E. E. Snell. 2,348,425; May 9.
Apparatus. R. R. Nydegger and J. B. Roberts. 2,349,829; May 30.
Apparatus and method for artificially inducing breathing. J. H. Emerson. 2,352,523; June 27.
Apparatus and method for conducting ionic exchange operations. R. W. Shafor. 2,365,221; Dec. 19.
Apparatus and method for constructing graving docks. F. R. Harris. 2,338,111; Jan. 4.
Apparatus and method for making flexible shafting. C. F. Hotchkiss, Jr. 2,347,631; Apr. 25.
Apparatus and method for marbleizing comestibles or the like. A. and L. Connellee. 2,347,083; Apr. 18.
Apparatus and method for mechanical brazing of diamonds. A. and H. Steig. 2,339,659–60; Jan. 18.
Apparatus and method for orienting the surface molecules of plastic materials. R. P. Blake. 2,354,243; July 25.
Apparatus and method for purifying water. W. R. Whitney. 2,340,721; Feb. 1.
Apparatus and method for testing paint films. L. Boor. 2,349,699; May 23.
Apparatus and method for treating pneumatically borne materials. G. D. Arnold. 2,363,281; Nov. 21.
Apparatus and method for vacuumizing containers. R. J. Stewart and L. F. Pahl. 2,339,035; Jan. 11.
Apparatus and method of producing products from undercooled molten metal. J. M. Merle. 2,345,352; Mar. 28.
Apparatus and process for sterilizing and destroying epithelial tissues. C. E. Moore. 2,355,231; Aug. 8.
Apparatus for aerating liquids. K. H. Roy, B. Burns, G. M. Larson, and H. B. Lewis. 2,342,972; Feb. 29.
Apparatus for abstracting stream water. R. Nebolsine. 2,361,231; Oct. 24.
Apparatus for advancing filamentary material. F. H. Fodor. 2,365,691; Dec. 26.
Apparatus for aiding in the location of unseen bodies. H. Trevaskis. 2,342,561; Feb. 22.
Apparatus for amusement and instruction in aviation. R. P. Cortés. 2,362,190; Nov. 7.
Apparatus for analysing fluids, Low-temperature. W. J. Podbielniak. 2,342,366; Feb. 22.
Apparatus for and method of applying metallic coatings by thermal evaporation. L. Ferguson. 2,363,781; Nov. 28.
Apparatus for and method of feeding molten glass. W. T. Barker, Jr. 2,340,729; Feb. 1.
Apparatus for and method of making circular locking bands for caps or closures. L. R. N. Carralho. 2,348,957; May 16.
Apparatus for and system of fluid supply. E. L. Mills and S. L. Sundstrom. 2,354,926; Aug. 1.
Apparatus for annealing. W. B. Cooper and E. J. Seabold. 2,345,181; Mar. 28.
Apparatus for annealing articles. C. O. Haase. 2,352,709; July 4.
Apparatus for applying and sealing gummed tape. F. W. Humphner. 2,363,866; Nov. 28.
Apparatus for applying closures. R. E. Johnson and A. G. Anderson. 2,360,423; Oct. 17.
Apparatus for applying filler to tape. W. T. Cavanaugh and G. E. Viera. 2,348,166; May 2.
Apparatus for applying insulating tubing on wire cables, conduits, and the like. M. O. Searle. 2,359,532; Oct. 3.
Apparatus for applying metal straps. R. F. McMahan. 2,357,480; Sept. 5.
Apparatus for applying plastic coatings. B. Wills. 2,352,749; July 4.
Apparatus for applying protective coatings to suspended wires, cables, pipes, and the like. J. R. McMahon and E. C. Springfield. Re. 22,518; July 18.
Apparatus for applying tape upon articles. R. T. Adams. 2,344,340; Mar. 14.
Apparatus for applying tops to can bodies. F. Krueger. 2,344,546; Mar. 21.
Apparatus for applying tread rubber to tires. R. O. Wilson. 2,362,180; Nov. 7.
Apparatus for applying treads. C. W. Leguillon. 2,358,935; Sept. 26.
Apparatus for applying tubing on wire cables, conduits, and the like. M. O. Searle. 2,347,003; Apr. 18.
Apparatus for arc welding. E. A. Smith. 2,364,826; Dec. 12.
Apparatus for assembling articles. G. E. Gliss and J. H. Schmidt. 2,349,956; May 30.
Apparatus for assembling bicycles. F. W. Schwinn. 2,356,540; Aug. 22.
Apparatus for assembling resilient joints. O. E. Hermanns. 2,347,780; May 2.

Apparatus for assembling sheet material. U. C. Haren. 2,354,120; July 18.
Apparatus for assembling structures. J. S. Ott. 2,348,920; May 16.
Apparatus for attaching envelopes and the like to packages. B. B. Lowry. 2,348,989; May 16.
Apparatus for automatically indicating the electrical conductivity of liquids. R. S. Heym. 2,358,163; Sept. 12.
Apparatus for automatically severing tubing. W. E. Edwards, W. J. Fletcher, and L. E. Robinson. 2,340,870; Feb. 8.
Apparatus for bending metal. D. Kelleher. 2,359,650; Oct. 3.
Apparatus for blanking materials. N. M. Olney. 2,352,339; June 27.
Apparatus for bleaching flour. H. McDonald. 2,365,767; Dec. 26.
Apparatus for blowing scale from pipes. G. Sneddon, Jr. 2,361,660; Oct. 31.
Apparatus for bottom filling of containers. R. B. McKinnis. 2,361,641; Oct. 31.
Apparatus for burning coking coal. J. W. Carl. 2,364,269; Dec. 5.
Apparatus for burning liquid fuels. H. C. Lloyd. 2,344,429; Mar. 14.
Apparatus for burning oil. T. Nagel. 2,344,519; Mar. 21.
Apparatus for butt welding rods. R. Leonard and F. Migge. 2,359,525; Oct. 3.
Apparatus for canning skinless sausages. W. M. Yuill. 2,363,213; Nov. 21.
Apparatus for carding artificial teeth. J. H. Moyer and D. E. Evans. 2,362,660; Nov. 14.
Apparatus for carrying out catalytic gas reactions. W. Pfannmüller and J. Reichart. 2,345,423; Mar. 28.
Apparatus for casting concrete around piles. T. H. Hansen. 2,349,961; May 30.
Apparatus for casting mounting surfaces on electrical condensers and the like. D. R. Clemons. 2,341,362; Feb. 8.
Apparatus for catalytic conversion. T. P. Simpson and C. H. Leichthaler. 2,350,644; June 6.
Apparatus for catalytic conversion reactions. P. Mather. 2,338,346; Jan. 4.
Apparatus for charging cartridge belts. C. T. Hall. 2,356,128; Aug. 22.
Apparatus for charging concrete molds. W. W. Trickey. 2,349,476; May 23.
Apparatus for charging extrusion apparatus cylinders. W. H. Jennings. 2,346,309; Apr. 11.
Apparatus for charging storage batteries. A. C. Fletcher. 2,342,929; Feb. 29.
Apparatus for checking the power generated by small motors. F. J. Watson. 2,362,682; Nov. 14.
Apparatus for classifying and separating particles of materials of different specific gravities. J. A. Brusset. 2,353,543; July 11.
Apparatus for cleaning castings or metal parts. W. A. Pearl. 2,351,453; June 13.
Apparatus for cleaning fabrics. A. W. Robertson. 2,360,273; Oct. 10.
Apparatus for cleaning materials. J. E. Martin. 2,359,138; Sept. 26.
Apparatus for cleaning oil. R. D. Boyce. 2,345,697; Apr. 4.
Apparatus for cleaning pipe. A. B. Carpmail. 2,353,125; July 11.
Apparatus for cleaning strands. A. Logan. 2,359,568; Oct. 3.
Apparatus for cleaning the surface of anodes. B. Morrison. 2,358,244; Sept. 12.
Apparatus for cleansing fabrics and the like. R. J. Ridge. 2,357,909; Sept. 12.
Apparatus for coating. J. O. Amstus. 2,356,489; Aug. 22.
Apparatus for coating. J. Campbell and K. A. Taylor. 2,344,232; Mar. 14.
Apparatus for coating articles. J. R. Litty. 2,349,579; May 23.
Apparatus for coating candy. S. C. Petrilli. 2,347,164; Apr. 18.
Apparatus for coating fluorescent lamps. A. E. Kulberg and C. L. Albright. 2,364,798; Dec. 12.
Apparatus for coating metals and similar materials. A. R. Gould. 2,354,113; July 18.
Apparatus for coating, Method and. C. W. Abbott. 2,343,550; Mar. 14.
Apparatus for coating or saturating material. W. G. Davis. 2,355,278; Aug. 8.
Apparatus for coating paper. G. Haywood. 2,357,824; Sept. 12.
Apparatus for coating pipe. L. Defiore. 2,348,714; May 16.
Apparatus for coating pipe. W. F. Focha. 2,347,316; Apr. 25.
Apparatus for coating sheet metal. J. D. Keller. 2,338,459; Jan. 4.
Apparatus for coating strip material. J. L. Hunter. 2,365,761; Dec. 26.
Apparatus for coating textile hose. D. E. F. Canney and M. Balkin. 2,362,861; Nov. 14.
Apparatus for coating tire articles. C. W. Leguillon. 2,355,352; Aug. 8.
Apparatus for coating transfer fabrics. G. W. Schreckhise. 2,341,392; Feb. 8.
Apparatus for coating webs. E. Person. 2,355,673; Aug. 15.
Apparatus for coiling sheet material. E. Vander Linde. 2,352,042; June 20.
Apparatus for coking petroleum residues. M. H. Tuttle. 2,357,621; Sept. 5.
Apparatus for communication systems. W. P. Place. 2,346,504; Apr. 11.
Apparatus for compacting powdered and solid materials. A. D. Deck. 2,349,080; May 16.
Apparatus for compensating gas meter readings. S. R. Beitler. 2,348,593; May 9.
Apparatus for compressing gases. F. K. Gruss. 2,361,939; Nov. 7.
Apparatus for conching chocolate. G. Lawton. 2,355,539; Aug. 8.
Apparatus for conditioning drilling muds. G. L. Lawless. 2,359,923; Oct. 10.
Apparatus for conditioning the surfaces of metal bodies. J. H. Bucknam. 2,362,536; Nov. 14.
Apparatus for constant concentration distillation. T. O. Wentworth. 2,354,897; Aug. 1.
Apparatus for continuous digestion of fibrous materials. A. E. Brauzell, L. Gibersen, and J. C. F. C. Richter. 2,359,543; Oct. 3.
Apparatus for control of highway crossing signals. R. A. McCann. 2,340,816; Feb. 1.
Apparatus for control of highway crossing signals. E. E. Parrill. 2,351,538; June 13.
Apparatus for controlling electric circuits. G. M. Stapleton. 2,340,087; Jan. 25.
Apparatus for controlling gaseous atmosphere. H. H. Barber. 2,353,538; July 11.
Apparatus for controlling sheet thickness in continuous strip mills. A. Shayne and A. Zeitlin. 2,339,359; Jan. 18.
Apparatus for controlling the coating of paper. R. W. Bender. 2,365,621; Dec. 19.
Apparatus for controlling the load on an X-ray tube. A. F. Jeans. 2,365,554; Dec. 19.
Apparatus for controlling the maximum demand of electric power-loads. H. Coates and B. A. Vaille. 2,348,068; May 2.
Apparatus for controlling the ratio of the flows of two fluids through conduits. H. Ziebols and J. C. Vasler. 2,352,584; June 27.
Apparatus for controlling the relative rate of flow in pipe-line loops. G. P. Jennings. 2,361,478; Oct. 31.
Apparatus for controlling the slide movement in longbed hydraulic presses. E. Cannon. 2,353,388-9; July 11.
Apparatus for converting hydrocarbon oils. R. E. Lidov. 2,340,815; Feb. 1.
Apparatus for converting multiphase alternating current into direct current and vice versa. C. Zellweger. 2,353,427; July 11.
Apparatus for conveying pulverized material. A. L. Baker. 2,355,774; Aug. 15.
Apparatus for cooling gas. H. P. Bacon. 2,349,841; May 30.
Apparatus for cooling a stream of fluid. M. H. Olstad and A. E. Williams. Re. 22,533; Aug. 22.
Apparatus for covering pipe. J. R. Horrigan. 2,340,326; Feb. 1.
Apparatus for cracking hydrocarbon oils. A. B. Bagsar. 2,339,368; Jan. 18.
Apparatus for crowning gear teeth. J. M. Christman. 2,364,947; Dec. 12.
Apparatus for curing green tobacco. R. D. Touton. 2,343,346; Mar. 7.
Apparatus for cutting and panning biscuits. C. G. Turner. 2,340,242; Apr. 11.
Apparatus for cutting channels in road surfaces. F. J. Farrell. 2,349,949; May 30.
Apparatus for cutting stripe. S. J. Pask. 2,365,288; Dec. 19.
Apparatus for cutting tapered filaments. P. W. Crane and R. T. Fields. 2,343,887; Mar. 14.
Apparatus for damping movements of vehicle and other wheels. R. Hadekel and A. A. Perriches. 2,348,974; May 16.
Apparatus for deaerating viscose compositions. N. A. Copeland. 2,355,057; Aug. 8.
Apparatus for declustering, distributing, and assorting cherries. G. Frova. 2,358,500; Sept. 19.
Apparatus for decorating. G. H. Campbell. 2,359,825; Oct. 10.
Apparatus for dedusting comminuted soap. B. L. Maxwell and C. T. Atwood. 2,351,351; June 13.
Apparatus for dehydrating liquid coating products and the like. P. M. Fleuriel. 2,356,758; Aug. 29
Apparatus for dehydrating vegetable materials. A. E. Wigelsworth. 2,340,633; Feb. 1.
Apparatus for depositing material under water. E. O. Martinson. 2,344,446; Mar. 14.
Apparatus for destroying insect life. F. S. Smith. 2,339,732; Jan. 18.
Apparatus for detaching the edges of sheet paper and like material. A. Larmuth. 2,365,569; Dec. 19.
Apparatus for determining displacements. R. Mestas. 2,340,609; Feb. 1.

Apparatus for determining hydrostatic pressure. J. O. Osterberg. 2,360,886; Oct. 24.
Apparatus for determining physical properties of fluids. E. G. Ashcraft. 2,358,374; Sept. 19.
Apparatus for determining production potentials of oil wells. F. J. Toth and D. S. Nutter. 2,360,742; Oct. 17.
Apparatus for determining stresses in pipe arrangements. D. B. Rossheim. 2,348,926; May 16.
Apparatus for determining the bursting strength of sheet material. J. D'A. Clark. 2,340,733; Feb. 1.
Apparatus for determining the relative porosity of various porous materials. S. H. Hahn and R. H. Judson. 2,356,858; Aug. 15.
Apparatus for developing of paper photo copies. E. Dutch. 2,344,941; Mar. 28.
Apparatus for die rolling billets. F. Lusky. 2,363,883; Nov. 28.
Apparatus for directly producing metals from ores. J. Lohse. 2,344,440; Mar. 14.
Apparatus for discriminating telemetric impulses. R. Munis and J. Haddad. 2,338,866; Jan. 11.
Apparatus for dispensing a liquified gas. O. A. Hansen. 2,363,960; Nov. 28.
Apparatus for dispensing gas material. P. B. Pew and P. K. Rice. 2,363,200; Nov. 21.
Apparatus for displacing pulverulent or broken material. G. H. Strain. 2,365,978; Dec. 26.
Apparatus for distillation control. G. S. Houghland and C. C. King. 2,357,113; Aug. 29.
Apparatus for distributing solid fuel and the like. C. R. Barr. 2,359,587; Oct. 10.
Apparatus for distributing solid material. A. C. Beardslee. 2,357,868; Sept. 12.
Apparatus for doubling and twisting thread. H. B. Kline. 2,343,299; Mar. 7.
Apparatus for dressing grindstones. H. C. Barbour and F. S. Miller. 2,355,844; Aug. 15.
Apparatus for dressing wheels of grinding machines. C. E. Walling. 2,361,724; Oct. 31.
Apparatus for drilling rate logging. D. Silverman and R. W. Stuart. 2,365,014; Dec. 12.
Apparatus for dry separation of heavy mineral particles from ore material. A. E. Rothgarn. 2,343,803; Mar. 7.
Apparatus for dry spinning cellulose acetate yarn. B. M. Hoffman. 2,341,615; Feb. 15.
Apparatus for drying. W. Strobridge. 2,363,467; Nov. 21.
Apparatus for drying helmets and the like. W. J. Miskella. 2,356,459; Aug. 8.
Apparatus for edging and forming. W. Rutten. 2,339,355; Jan. 18.
Apparatus for echo distance measurement. E. E. Turner, Jr. 2,342,171; Feb. 22.
Apparatus for electric heating. F. S. Denneen and W. C. Dunn. 2,343,889; Mar. 14.
Apparatus for electric resistance welding. L. B. Bragg. 2,340,860; Feb. 8.
Apparatus for electrical exploration. D. S. Mussey, Jr., and R. D. Miller. 2,363,987; Nov. 28.
Apparatus for electrical zeroizing. S. Swedlow. 2,356,187; Aug. 22.
Apparatus for electrolytic production of hydrogen. F. Sledzianowski. 2,358,541; Aug. 22.
Apparatus for electrolytically producing oxygen and hydrogen. A. B. Carmichael. 2,365,330; Dec. 19.
Apparatus for electroplating. R. L. Strickland and H. Zemon. 2,364,564; Dec. 5.
Apparatus for electroplating cylinders. S. Coulson. 2,351,586; June 20.
Apparatus for electroplating metal strip. E. D. Martin. 2,342,811; Feb. 29.
Apparatus for electroplating metal strips. J. F. Ferm. 2,342,850; Feb. 29.
Apparatus for enrobing confections with chocolate. E. C. Johnston. 2,352,839; July 4.
Apparatus for estimating ranges. G. B. Linderman, Jr., and D. L. Hibbard. 2,352,644; July 4.
Apparatus for evacuating tubes. W. W. Eitel and J. A. McCullough. 2,358,567; Sept. 19.
Apparatus for exhibiting motion picture film. W. C. Edwards. 2,345,869; Apr. 4.
Apparatus for expanding drill pipe protectors. F. W. Harris. 2,346,301; Apr. 11.
Apparatus for extracting and refining citrus fruit juices. W. R. Ketchum. 2,365,883; Dec. 26.
Apparatus for extracting cholesterol from blood. S. L. Leiboff. 2,359,128; Sept. 26.
Apparatus for extracting fibers from fibrous husks. H. G. Henares. 2,348,813; May 16.
Apparatus for extracting fruit. R. B. McKinnis. 2,353,841; July 18.
Apparatus for extracting molds. H. J. Pattison. 2,346,182; Apr. 11.
Apparatus for extruding metal. G. F. Taylor. 2,348,172; May 2.
Apparatus for extrusion of plastic material in tubular form. S. B. Avery. 2,344,959; Mar. 28.
Apparatus for fabricating fluid couplings. G. R. Pennington. 2,345,285; Mar. 28.
Apparatus for fabricating wooden panels. T. H. Miller. 2,347,359; Apr. 25.
Apparatus for feeding and coiling continuous strip material. J. F. Ferm. 2,357,389; Sept. 5.
Apparatus for feeding, destemming, and pitting cherries and other fruits, Automatic. G. Frova. 2,361,834; Oct. 31.
Apparatus for feeding and stacking articles. A. R. Coleman and A. E. Swickard. 2,357,631; Sept. 5.
Apparatus for feeding articles to mail treating machines. C. D. Ryan and E. P. Drake. 2,344,643; Mar. 21.
Apparatus for feeding filler thread to knitting machines. F. Klumpp and C. H. Colvin. 2,340,888; Feb. 8.
Apparatus for feeding glass in the manufacture of fibers. R. L. Tiede. 2,360,373; Oct. 17.
Apparatus for feeding material. D. E. Kerr-Lawson. 2,359,367; Oct. 3.
Apparatus for feeding material at a constant rate. R. F. Hohman. 2,365,270; Dec. 19.
Apparatus for feeding rod-shaped articles onto dipping plates. A. Hetz. 2,344,087; Mar. 14.
Apparatus for feeding tapered articles. R. W. Harris and G. Dearsley. 2,355,158; Aug. 8.
Apparatus for feeding tiles to spraying machines. W. O. Benning. 2,347,391; Apr. 25.
Apparatus for feeding warp thread to knitting machines. F. Klumpp. 2,340,889; Feb. 8.
Apparatus for filling. R. J. Stewart and H. H. Franz. 2,364,400; Dec. 5.
Apparatus for filling and closing containers. A. V. Wetherby-Williams and W. K. Sheffield. 2,357,245; Aug. 29
Apparatus for filling and sealing containers. W. D. Bell. 2,341,498; Feb. 8.
Apparatus for filling capsules. V. B. Norelli. 2,348,749; May 16.
Apparatus for filling cracks in concrete masonry structures. L. Turzillo. 2,346,879; Apr. 18.
Apparatus for filling gas balloons and airships with light gases. J. A. Bertsch. 2,362,966; Nov. 21.
Apparatus for filtering and dehydrating fluids. L. E. Hankison. 2,355,373; Aug. 8.
Apparatus for finishing hosiery and the like. E. W. Clarke. 2,343,170; Feb. 29.
Apparatus for finishing prefabricated pottery appendages. W. J. Miller. 2,361,312; Oct. 24.
Apparatus for firing powder. A. Groth and H. J. Hanauer. 2,338,762; Jan. 11.
Apparatus for flame hardening racks and the like. A. Kullman and T. A. Waltz. 2,346,923; Apr. 18.
Apparatus for flowing oil or gas wells. E. C. Baily. 2,362,442; Nov. 14.
Apparatus for focusing cameras. J. Mihalyi. 2,353,257; July 11.
Apparatus for forming and annealing combination curved and straight glass. E. R. Boyles and C. M. Pattison. 2,348,279; May 9.
Apparatus for forming arcuate bearings. W. W. Pattison. 2,353,925; July 18.
Apparatus for forming bearing metal surfaces on backing metals. C. M. Angel. 2,349,397-8; May 23.
Apparatus for forming cartons. H. E. Hines. 2,350,278; May 30.
Apparatus for forming characters on stencils. H. P. Elliott. 2,345,557; Apr. 4.
Apparatus for forming coils. L. E. Endsley. 2,356,662; Aug. 22.
Apparatus for forming combination curved and straight glass. E. R. Boyles and C. M. Pattison. 2,348,278; May 9.
Apparatus for forming cords. C. J. Arrington. 2,353,432; July 11.
Apparatus for forming log simulating planks. D. A. Wallace. 2,359,497; Oct. 3.
Apparatus for forming material. F. M. Combs and S. A. Squiers. 2,348,193; May 9.
Apparatus for forming materials. E. C. Sloan. 2,362,672; Nov. 14.
Apparatus for forming panels. J. A. Miller. 2,350,915; June 6.
Apparatus for forming porous beds of finely divided material. G. K. Williams. 2,358,754; Sept. 19.
Apparatus for forming shoe heels. J. L. Pereles. 2,351,454; June 13.
Apparatus for forming strip metal products. C. M. MacChesney. 2,360,247; Oct. 10.
Apparatus for forming threads or filaments from mixtures of solid and liquid matter. O. Roelen. 2,361,709; Oct. 31.
Apparatus for forming tubular material. P. Gardner and R. Kagan. 2,347,901; May 2.
Apparatus for fractionating natural gas. J. L. Hall. 2,363,317; Nov. 21.
Apparatus for freezing foods. W. L. Morrison. 2,356,779-80; Aug. 29.
Apparatus for galvanizing rods. A. S. Moore. 2,357,420; Sept. 5.
Apparatus for gauging tanks. M. E. Dice. 2,364,343; Dec. 5.
Apparatus for gauging tubular objects. R. E. J. Nordquist. 2,353,184; July 11.
Apparatus for generating coded alternating current. A. M. Cravath. 2,348,525; May 9.
Apparatus for generating gases. H. L. Griswold. 2,338,506; Jan. 4.
Apparatus for generating high frequency current. W. C. Rudd and F. Kohler. 2,341,120; Feb. 8.
Apparatus for germicidal treatment of air-borne bacteria H. W. Alexander. 2,350,664; June 6.

Apparatus for governing deaeration. R. E. Olson. 2,343,317; Mar. 7.
Apparatus for grading powdered material. W. F. Harlow. 2,354,311–12; July 25.
Apparatus for handling and operating on materials. J. Sinkovitz. 2,353,196; July 11.
Apparatus for handling baked buns or the like. J. Tod. 2,341,007; Apr. 18.
Apparatus for handling glass articles. B. H. Koob. 2,344,612; Feb. 1.
Apparatus for handling liquids. W. E. Baker. 2,345,446; Mar. 28.
Apparatus for handling materials. M. F. Kemper. 2,344,703; Mar. 21.
Apparatus for handling mirrors during processing. R. W. Wampler. 2,356,136; Aug. 22.
Apparatus for handling shells and similar objects. M. J. Bayhi and A. E. Lilja. 2,365,930; Dec. 26.
Apparatus for handling spinning solutions. L. K. Spangler and H. C. Pratt. 2,362,674; Nov. 14.
Apparatus for handling strip metal. E. S. Taylerson. 2,336,143; Jan. 4.
Apparatus for handling tubes. A. G. Anderson. 2,361,001; Oct. 24.
Apparatus for harvesting ice. R. M. Storer. 2,351,303; June 13.
Apparatus for heat extraction. R. T. Fields. 2,360,665; Oct. 17.
Apparatus for heating coating material. M. I. Dorfan. 2,365,336; Dec. 19.
Apparatus for heating fluids. J. W. Chamberlain. 2,363,118; Nov. 21.
Apparatus for heating fluids. J. S. Wallis, and J. W. Throckmorton. 2,362,107; Nov. 7.
Apparatus for heating projectiles. H. W. Shonnard. 2,358,108; Sept. 12.
Apparatus for heat-treating articles. H. E. Somes. 2,359,273; Sept. 26.
Apparatus for holding workpieces. R. A. Brown and A. Anderson. 2,347,170; Apr. 25.
Apparatus for indicating departure from normal rate of strain of progressively stressed specimens. C. H. Gibbons. 2,346,132; Apr. 11.
Apparatus for impregnating thread. E. F. Gallaudet. 2,343,783; Nov. 28.
Apparatus for inflating and deflating pontons or the like. A. F. Gustafson. 2,364,211; Dec. 5.
Apparatus for inflating hollow articles. M. W. Humphreys. 2,341,618; Feb. 15.
Apparatus for indicating pressure changes over time intervals. A. G. Bodine, Jr. 2,362,446; Nov. 14.
Apparatus for indicating variations in densities of transparent media. N. F. Barnes. 2,362,235; Nov. 7.
Apparatus for injection molding. T. F. Stacy and J. E. Stewart. 2,358,354; Sept. 19.
Apparatus for injection molding. F. von Opel. 2,356,634; Aug. 22.
Apparatus for inside coating. M. E. McGowan. 2,349,444; May 23.
Apparatus for installing elastic covers. R. S. Colley. 2,353,850; July 18.
Apparatus for instructing and training student operators. W. Grunberg. 2,350,351; June 6.
Apparatus for instruction in drawing. B. Lamberger. 2,349,504; May 23.
Apparatus for internally coating containers. E. P. Olson. 2,349,455; May 23.
Apparatus for internally coating containers. P. E. Pearson. 2,341,477; Feb. 8.
Apparatus for internally coating ringlike objects. W. B. Peterson, Jr. 2,348,495; May 9.
Apparatus for interrupting alternating currents. F. Koppelmann. 2,351,975; June 20.
Apparatus for introducing fluid into openings. M. M. Verheul, E. L. Potts, and E. K. Lane. 2,341,832; Feb. 15.
Apparatus for introducing fluids into containers. A. J. Smith. 2,347,974; May 2.
Apparatus for invalids. E. A. Horne. 2,361,102; Oct. 24.
Apparatus for irradiating liquids. S. C. Whitman. 2,338,387; Jan. 4.
Apparatus for irradiating materials. R. H. Barnes. 2,339,906; Jan. 25.
Apparatus for joining pieces of yarn. C. J. Charnock. 2,362,901; Nov. 14.
Apparatus for joining spaced elements. A. C. Fischer. 2,351,255; June 13.
Apparatus for joining the webs of paper rolls. P. Dietrich. 2,365,528–9; Dec. 19.
Apparatus for joining veneers. A. Friz. 2,351,946; June 20.
Apparatus for lacing moccasin collars. C. W. Baker. 2,341,454; Feb. 15.
Apparatus for landing airplanes. D. H. Bottrill. 2,346,433; Apr. 11.
Apparatus for lifting and turning invalids in bed. C. E. Divine. 2,350,595; June 6.
Apparatus for lifting or transferring metal or objects with flat surfaces. H. A. Johnson. 2,341,621; Feb. 15.
Apparatus for liquid treatment of filamentary material. H. O. Davidson and H. J. McDermott. 2,351,110; June 13.
Apparatus for loading and transporting barrels and dispensing liquids therefrom. G. L. Harman and H. C. Kleppe. 2,345,669; Apr. 4.
Apparatus for loading and unloading. W. D. Proudfoot. 2,346,605; Apr. 11.
Apparatus for loading and unloading wheeled vehicles. H. F. H. Shields and G. W. Grossmith. 2,344,742; Mar. 21.
Apparatus for loading granular material into receptacles. R. K. Hellmann. 2,342,735; Feb. 29.
Apparatus for loading wheeled vehicles and stocking-out material unloaded therefrom. H. F. H. Shields. 2,353,972; July 18.
Apparatus for locally hardening gears, shafts, etc. E. Stubbs. 2,364,565; Dec. 5.
Apparatus for loosening yarn packages. F. F. Long. 2,343,916; Mar. 14.
Apparatus for machining spiral grooves. R. A. Thompson. 2,254,411; July 25.
Apparatus for machining workpieces. R. Ryffé. 2,357,610; Sept. 5.
Apparatus for maintaining the desired temperature of liquids. M. H. Olstad and A. E. Williams. Re. 22,553; Oct. 3.
Apparatus for making beads. P. Symek. 2,348,035; May 2.
Apparatus for making beverages. E. B. Moore. 2,355,094; Aug. 8.
Apparatus for making capacitors. F. Weiss. 2,352,926; July 4.
Apparatus for making cellular masses. R. M. Urquhart. 2,361,962; Nov. 7.
Apparatus for making comb units and the like. C. L. Molnar. 2,352,855; July 4.
Apparatus for making compressed wadding rolls. C. A. Pourness and R. A. Moravek. 2,353,821; July 18.
Apparatus for making corded-edged textiles. R. Loeb. 2,339,179; Jan. 11.
Apparatus for making designs. F. Barchell. 2,357,310; Sept. 5.
Apparatus for making expanded metal brake shoe reinforcings. W. M. McNeil. 2,359,434; Oct. 3.
Apparatus for making filters. A. H. Eberman. 2,355,714; Aug. 15.
Apparatus for making flexible shafting. C. F. Hotchkiss. 2,342,343; Feb. 22.
Apparatus for making geophysical explorations. H. M. Evjen. 2,342,626; Feb. 29.
Apparatus for making geophysical explorations. K. H. and H. M. Evjen. 2,342,627; Feb. 29.
Apparatus for making geophysical explorations. H. M. Evjen. 2,343,140; Feb. 29.
Apparatus for making glass building blocks. J. H. Williams. 2,353,532; July 11.
Apparatus for making inner tubes. H. D. Stevens. 2,354,432; July 25.
Apparatus for making laminated strips. U. C. Haren and J. P. Sapp. 2,345,195; Mar. 28.
Apparatus for making melba toast. H. G. Tateosian. 2,349,583; May 23.
Apparatus for making metallic shapes. C. D. Core. 2,356,222; Aug. 22.
Apparatus for making molasses feeds and similar materials. H. H. Schmidt. 2,351,070; June 13.
Apparatus for making mufflers. C. M. Buck. 2,362,350; Nov. 7.
Apparatus for making one-piece cloth marking tags. F. Magidson. 2,342,592; Feb. 22.
Apparatus for making pierced forged hubs and the like. C. S. Swanson. 2,342,021; Feb. 15.
Apparatus for making pies. L. J. Harriss and B. Lambers. 2,345,045; Mar. 28.
Apparatus for making pies. L. J. Harriss and B. Lambers. 2,365,699; Dec. 26.
Apparatus for making plywood and the like. T. W. Dike and H. Galber. 2,357,580; Sept. 12.
Apparatus for making porous material. J. R. Parsons. 2,341,059; Feb. 8.
Apparatus for making porous metal parts. R. P. Koehring. 2,362,701; Nov. 14.
Apparatus for making nuts. H. J. Hogue. 2,361,546; Oct. 31.
Apparatus for making sheet material. E. M. Kratz. 2,346,765; Apr. 18.
Apparatus for making shell bodies. C. A. Witter. 2,349,570; May 23.
Apparatus for making slide fasteners. F. Ulrich. 2,338,884; Jan. 11.
Apparatus for making stamps. H. S. Jonsson. 2,348,630; May 9.
Apparatus for making the carcasses of rubber tires. E. W. Witt. 2,352,055; June 20.
Apparatus for making tissue type paper. E. E. Berry. 2,340,103; Jan. 25.
Apparatus for making tubing. J. H. S. Skoning. 2,338,266; Jan. 4.
Apparatus for making tubular rivets. E. W. Huebner. 2,338,330; Jan. 4.
Apparatus for making tufts for tufted rugs. J. A. Bishop. 2,353,640; July 18.
Apparatus for manufacture of coated products. J. H. Balthis and A. W. Larchar. 2,360,097; Oct. 10.
Apparatus for manufacturing bent, tempered sheets of glass. G. White. 2,347,382; Apr. 25.

Apparatus for manufacturing ceramic coil forms. W. M. Siesel. 2,363,448; Nov. 21.
Apparatus for manufacturing grinding tools. J. H. Onions. 2,360,443; Oct. 17.
Apparatus for manufacturing hollow glass articles. P. R. Luertsing. 2,361,553; Oct. 31.
Apparatus for manufacturing metals. O. Kruh. 2,365,346; Dec. 19.
Apparatus for manufacturing nuts. L. A. Young. 2,365,321; Dec. 19.
Apparatus for manufacturing open containers made of pliable sheet material. E. J. Buxbaum. 2,350,874; June 6.
Apparatus for manufacturing tanks and the like. W. A. Buehler. 2,354,794; Aug. 1.
Apparatus for marking billets and the like. M. S. Papazian. 2,348,566; May 9.
Apparatus for marking coated articles. F. J. Malnar. 2,346,174; Apr. 11.
Apparatus for marking pavements and the like. A. V. Spencer. 2,345,076; Mar. 28.
Apparatus for marking the surface of electric cables or similar articles. E. S. Hargreaves and H. MacD. Steward. 2,344,610; Mar. 21.
Apparatus for measuring alternating current in the conductors and/or in the sheaths of electric cables. E. S. Halfmann. 3,362,372; Nov. 7.
Apparatus for measuring buckle or center stretch in cold rolled steel strip. R. B. Beckett. 2,360,754; Oct. 17.
Apparatus for measuring density of circulating fluid. O. B. Stoner. 2,338,825; Jan. 11.
Apparatus for measuring direct currents or voltages. W. Geyger. 2,338,423; Jan. 4.
Apparatus for measuring fuel consumption. M. A. Weckerly. 2,359,720; Oct. 3.
Apparatus for measuring heat consumption. O. C. Brun. 2,351,920; June 20.
Apparatus for measuring moisture. L. D. Baver and B. T. Shaw. 2,362,344; Nov. 7.
Apparatus for measuring or indicating the degree of surface roughness. R. E. Reason. 2,363,691; Nov. 28.
Apparatus for measuring, preforming, and molding plastics. G. B. Sayre. 2,347,971; May 2.
Apparatus for measuring pulsating fluids. J. E. Overbeck and S. R. Beitler. 2,343,792; Mar. 7.
Apparatus for measuring steam-gas ratio. E. H. Brown. 2,355,052; Aug. 8.
Apparatus for measuring surface roughness. R. E. Reason and R. I. Garrod. 2,344,217; Mar. 14.
Apparatus for measuring the viscosity and density of liquids. J. P. Hurndall. 2,357,003; Aug. 29.
Apparatus for melting and processing crude oleoresin. J. O. Reed. 2,356,798; Aug. 29.
Apparatus for melting metal. H. E. Somes. 2,343,337; Mar. 7.
Apparatus for mining coal. J. M. Hilliard. 2,359,556; Oct. 3.
Apparatus for mining, loading, and conveying material. R. and R. Peale, Jr. 2,355,178; Aug. 8.
Apparatus for mixing dental cement. N. L. Wheeler. 2,354,626; July 25.
Apparatus for mixing, sifting, and kneading. P. Vollrath. 2,345,163; Mar. 28.
Apparatus for molding. J. S. Little. 2,347,421; Apr. 25.
Apparatus for molding plywood. B. Moorhouse. 2,363,431; Nov. 21.
Apparatus for molding thermoplastic material. V. E. Hofmann. 2,353,825; July 18.
Apparatus for mounting eyes in doll heads. S. Marcus. 2,339,342; Jan. 18.
Apparatus for moving and storing sheet material. P. L. Miller. 2,348,355; May 9.
Apparatus for moving articulations. H. G. Sanders. 2,358,254; Sept. 12.
Apparatus for moving tool means in an irregular path. W. H. Dittrich. 2,345,104; Mar. 28.
Apparatus for musical instruction. C. Beutel. 2,352,597; July 4.
Apparatus for obtaining colored images. B. T. Hewson. 2,350,892; June 6.
Apparatus for obtaining persalts by electrolysis. W. Trinius. 2,349,998; May 30.
Apparatus for oil purification. F. L. Gerin. 2,345,595; Apr. 4.
Apparatus for opening and filling bags. C. H. Hartman, E. A. Marsh and N. E. Dorrington. 2,350,554; June 6.
Apparatus for operating therapeutic devices. W. Rosett. 2,345,073; Mar. 28.
Apparatus for oxidising reactions. E. N. Richards. 2,340,686; Feb. 1.
Apparatus for packing cement or the like material. R. P. Bushman. 2,360,313; Oct. 17.
Apparatus for packing products. J. E. Baechie and H. M. Nicholls. 2,357,902; Sept. 12.
Apparatus for partially folding containers. C. L. Martin. 2,360,435; Oct. 17.
Apparatus for performing circumcisions. A. B. Carmichael. 2,353,647; July 18.
Apparatus for performing gauging and reproducing operations. L. E. M. Van den Kieboom. 2,356,133; Aug. 22.
Apparatus for polishing coated sheet metal. D. A. McArthur. 2,365,480; Dec. 19.
Apparatus for polishing wire. T. Wilson. 2,349,897; May 30.
Apparatus for precasting concrete piles. D. Marchbanks. 2,356,603; Aug. 22.
Apparatus for precasting concrete stair structures. F. Kogl. 2,353,676; July 18.
Apparatus for preparing plates for etching. L. Scarzello, J. Nowatius, and M. Bulin. 2,347,511; Apr. 25.
Apparatus for preparing surgical plaster bandages. D. A. W. Roberts. 2,363,805; Nov. 28.
Apparatus for preserving organic materials. W. R. Graham, Jr. 2,351,853; June 20.
Apparatus for preserving perishable products. F. P. Biere. 2,342,998; Feb. 29.
Apparatus for pressing garment sleeves. S. Steinberg. 3,362,105; Nov. 7.
Apparatus for pressing shirts and the like. H. D. Forse. 2,343,289; Mar. 7.
Apparatus for preventing accretion of ice. A. W. Spicer. 2,342,979; Feb. 29.
Apparatus for preventing clogging of oil wells. C. C. Bancroft. 2,349,536; May 23.
Apparatus for preventing oxidation in casting metals. J. Lane. 2,359,524; Oct. 3.
Apparatus for processing canned goods. A. R. Thompson. 2,349,566; May 23.
Apparatus for processing materials. W. Model. 2,351,995; June 20.
Apparatus for producing a ground or ground and polished continuous strip of glass. F. B. Waldron. 2,348,581; May 9.
Apparatus for producing air colloids. L. Nusbaum. 2,355,550; Aug. 8.
Apparatus for producing and viewing stereoscopic photographs. H. R. Van Blaricon and S. J. Rutland. 2,339,822; Jan. 25.
Apparatus for producing artificial fog or smoke. T. S. Derr. 2,364,199; Dec. 5.
Apparatus for producing bags. W. S. Patterson. 2,361,052; Oct. 24.
Apparatus for producing can bodies. A. C. Hubbell. 2,353,728; July 18.
Apparatus for producing combustible gaseous mixtures at substantially constant pressures. T. H. Ransome. 2,342,426; Feb. 22.
Apparatus for producing edible articles. E. D. Powers and A. M. Fennis. 2,352,447; June 27.
Apparatus for producing fibrous glass. G. Slayter. 2,348,182; May 2.
Apparatus for producing filled packages. N. S. Ross. 2,350,418; June 6.
Apparatus for producing high density plywood tubing. J. A. Miller. 2,351,602; June 20.
Apparatus for producing highly uniform silver. A. P. Lewis. 2,361,217; Oct. 24.
Apparatus for producing ice charged with CO_2 gas. K. F. Terry and J. J. Imperatrice. 2,361,137; Oct. 24.
Apparatus for producing matrices in galvanic baths. A. Woitscheck. 2,356,639; Aug. 22.
Apparatus for producing metal bodies. R. K. Hopkins. 2,347,413; Apr. 25.
Apparatus for producing molded plastic articles. S. Milano. 2,339,792; Jan. 25.
Apparatus for producing oil wells which make water. S. E. Buckley. 2,341,359; Feb. 8.
Apparatus for producing preshrunk fabrics. C. S. Francis, Jr. 2,338,391; Jan. 4.
Apparatus for producing pressure-tight tube and tube seat connections. C. A. Maxwell. 2,357,123; Aug. 29.
Apparatus for producing self-locking screws. C. B. McDonald. 2,360,003; Oct. 10.
Apparatus for producing sheetlike material. D. E. Gillum and D. H. Van Riper. 2,349,495–6; May 23.
Apparatus for producing stereoscopic pictures in color. W. H. Harrison. 2,360,322; Oct. 17.
Apparatus for producing third dimensional motion pictures. E. H. Bickley. 2,356,441; Aug. 22.
Apparatus for producing ultra-violet radiation. J. W. Kolbert and F. G. A. Haegele. 2,356,592; Aug. 22.
Apparatus for producing wells. W. J. Crites. 2,347,768; May 2.
Apparatus for producing women's rubbers. H. Malm. 2,358,341; Sept. 19.
Apparatus for propelling and steering boats. G. Brase. 2,356,301; Aug. 22.
Apparatus for protecting power lines. G. A. Matthews. 2,352,556; June 27.
Apparatus for pumping and heating viscous material. E. A. Cartwright. 2,339,741; Jan. 18.
Apparatus for purifying liquids. F. F. Klett. 2,351,053; June 13.
Apparatus for purifying steam. M. Frisch. 2,343,897; Mar. 14.
Apparatus for radially contracting tubular metal bodies. P. L. Arnold. 2,349,646; May 23.
Apparatus for reclaiming crown caps. G. F. Stone. 2,363,815; Nov. 28.
Apparatus for recording phonographs and processing records therefor. H. R. Van Deventer. 2,340,161; Jan. 25.
Apparatus for recording seismic waves. J. P. Minton. 2,360,507; Oct. 17.

Apparatus for recording seismic waves. M. D. McCarty. 2,340,272; Jan. 25.
Apparatus for recording the broadcast station to which a radio receiver is tuned. H. L. Rusch. 2,354,836; Aug. 1.
Apparatus for recording wave form signals. L. Manzanera. 2,348,401; May 9.
Apparatus for recovering metal from ore. E. Riveroll. 2,340,346; Feb. 1.
Apparatus for recovering spent absorbent material. F. L. Fast. 2,342,622; Feb. 22.
Apparatus for recovering volatizable metals. L. M. Pidgeon. 2,362,718; Nov. 14.
Apparatus for rectifying electric current. H. I. Morris. 2,339,794; Jan. 25.
Apparatus for rectifying spirits and for similar purposes. W. W. Hutcheson and W. C. Mason. 2,344,700; Mar. 21.
Apparatus for reducing fire hazards of engine compartments. C. D. Otto and J. A. McDonnell. 2,355,103; Aug. 8.
Apparatus for reducing ores and melting metals by electromagnetic induction. C. Q. Payne. 2,359,578; Oct. 3.
Apparatus for refining metals and alloys. T. R. Lister. 2,349,972; May 30.
Apparatus for refining paper stock. E. Cowles. 2,327,316; Sept. 5.
Apparatus for refining residual petroleum stocks. D. G. Brandt. 2,352,513; June 27.
Apparatus for refrigeration systems. W. A. Sisson. 2,364,669; Dec. 12.
Apparatus for releasing the fibers from straw, or other fibrous material. R. I. Newcomb. 2,353,489; July 11.
Apparatus for removing, cleaning, and re-distributing ballast. J. B. McWilliams. 2,358,657; Sept. 19.
Apparatus for removing dents. W. H. Aiken. 2,345,443; Mar. 28.
Apparatus for removing excess fluid from the printing cylinders of printing presses. A. E. Lundbye. 2,359,770; Oct. 10.
Apparatus for removing foreign material from air. F. A. Schnieg. 2,347,334; Apr. 25.
Apparatus for reseating flush valves or the like. B. Densler. 2,347,403; Apr. 25.
Apparatus for removing solid particles from air streams. R. C. Thompson. 2,360,595; Oct. 17.
Apparatus for reproducing images from records thereof, Selective automatic. M. P. Warner and S. S. Liese. 2,344,662; Mar. 21.
Apparatus for rifle practice. M. Nógrády. 2,352,000; June 20.
Apparatus for roasting coffee. R. Atti. 2,360,838; Oct. 24.
Apparatus for rolling rounds. C. S. Ramsay. 2,357,058; Aug. 29.
Apparatus for rolling strip metal. R. G. Bennewitz. 2,354,288; July 11.
Apparatus for sampling plant products. O. M. Harlow. 2,359,641; Oct. 3.
Apparatus for saturation of fibrous material. A. F. Wehmann. 2,343,601; Mar. 7.
Apparatus for scoring cover glass. T. G. Welhs, now by legal change of name T. G. White. 2,343,035; Feb. 29.
Apparatus for screening paper pulp. E. Cowles. 2,338,904; Jan. 11.
Apparatus for screening paper stock. S. A. Staege. 2,347,716; May 2.
Apparatus for sealing cans and the like. L. E. Davies. 2,347,668; May 2.
Apparatus for sealing collapsible tubes. B. Johnson and T. Fenwick. 2,341,554; Feb. 15.
Apparatus for sealing containers. W. D. Bell. 2,352,761-3; July 4.
Apparatus for sealing containers. W. D. Bell. 2,361,366; Oct. 31.
Apparatus for sealing containers. H. E. Stover. 2,341,126; Feb. 8.
Apparatus for sealing containers. H. E. Stover. 2,346,118; Apr. 4.
Apparatus for sealing containers. H. E. Stover. 2,355,478; Aug. 8.
Apparatus for sealing containers. H. E. Stover. 2,355,480; Aug. 8.
Apparatus for sealing containers. H. E. Stover. 2,363,704; Nov. 28.
Apparatus for seismograph prospecting. O. F. Ritzmann. 2,364,755; Dec. 12.
Apparatus for selectively positioning typewheel. R. D. Salmon. 2,358,477; Sept. 19.
Apparatus for separating dust and other suspended matter from air and other gases or vapors. E. J. Haber. 2,357,734; Sept. 5.
Apparatus for separating loose masses. C. Schouten. 2,341,662; Feb. 15.
Apparatus for separating oil from water contaminated therewith. G. E. Unthank and H. A. J. Silley. 2,361,577; Oct. 31.
Apparatus for separating particulate materials. M. E. Haworth. 2,362,482; Nov. 14.
Apparatus for separating slag. W. H. Lewis. 2,360,065; Oct. 10.
Apparatus for separating solid in suspension medium. K. F. Tromp. 2,365,734; Dec. 26.
Apparatus for separating suspended particles from gaseous media. C. B. McBride and J. E. Watson. 2,360,355; Oct. 17.
Apparatus for separation of the constituents of gaseous mixtures, Portable. W. Dennis. 2,363,657; Nov. 28.
Apparatus for shaping articles. F. Martindell. 2,355,812; Aug. 15.
Apparatus for shaping metal. R. V. Proctor. 2,343,083; Feb. 29.
Apparatus for shaping tubing. W. P. Hill. 2,341,144; Feb. 8.
Apparatus for shaping tubular blanks. A. J. Vollrath. 2,341,002; Feb. 8.
Apparatus for sharpening saws. E. C. Yow. 2,344,478; Mar. 14.
Apparatus for silencing and supercharging engine intakes. W. W. Lowther. 2,362,493; Nov. 14.
Apparatus for sinking piles. E. Bignell. 2,354,936; Aug. 1.
Apparatus for skinning thermoplastic shapes. J. Bailey. 2,348,591; May 9.
Apparatus for sorting fruits. G. Frova. 2,359,414; Oct. 3.
Apparatus for sorting rivets. G. B. Lingerfelt and B. B. Trout. 2,354,419; July 25.
Apparatus for spooling wrappings. E. A. Davis. 2,352,255; June 27.
Apparatus for spotting fabric materials. W. M. Cissell. 2,346,821; Apr. 18.
Apparatus for stacking powder grains. R. Van Roo. 2,364,113; Dec. 5.
Apparatus for stamping. C. M. McVey. 2,363,540; Nov. 28.
Apparatus for starting and controlling discharge devices. W. J. Karash. 2,363,868; Nov. 28.
Apparatus for starting flow in wells. R. B. Lloyd. 2,340,481; Feb. 1.
Apparatus for sterilization of flour or the like. K. H. Conley. 2,339,738; Jan. 18.
Apparatus for sterilizing flour and like products. F. S. Smith. 2,339,736; Jan. 18.
Apparatus for sterilizing flour and the like. F. S. Smith. 2,339,734; Jan. 18.
Apparatus for sterilizing the interiors of empty vessels. C. B. Harley. 2,352,787; July 4.
Apparatus for subjecting fluids to contact with solid pulverulent material. R. E. Nagle and D. K. Beavou. 2,346,501; Apr. 11.
Apparatus for subjective refraction of the eyes. M. Luckiesh and F. K. Moss. 2,343,783; Mar. 7.
Apparatus for submarine signaling. R. L. Williams. 2,364,679; Dec. 12.
Apparatus for subsurface pressure determinations in wells. C. R. Dale. 2,360,041; Oct. 10.
Apparatus for supplying adhesive. C. F. Röber and E. G. Röthig. 2,344,107; Mar. 14.
Apparatus for supplying air and the like. H. A. Reece. 2,354,276; July 25.
Apparatus for supplying web material. J. I. Haase. 2,340,267; Jan. 25.
Apparatus for surface hardening shafts and the like. F. S. Denneen and W. C. Dunn. 2,349,813; May 30.
Apparatus for suspending and releasing objects. H. C. Roters. 2,347,369; Apr. 25.
Apparatus for taking photographs of cavities of the body. F. G. Back. 2,349,932; May 30.
Apparatus for taking stereoscopic or three-dimensional moving pictures. G. Pastor. 2,348,410; May 9.
Apparatus for teaching telegraphy. F. W. Lancaster. 2,341,222; Feb. 8.
Apparatus for television pickup from films. A. J. Holman. 2,345,602; Apr. 4.
Apparatus for tempering rubber articles. E. A. Luxenberger, G. W. Blair, and J. F. Schott. 2,347,117; Apr. 18.
Apparatus for tempering soles. W. E. Phinney. 2,346,328; Apr. 11.
Apparatus for testing aircraft engines. O. L. Garretson. 2,340,954; Feb. 8.
Apparatus for testing eyes. G. H. Leland. 2,340,760; Feb. 1.
Apparatus for testing flame safety lamps. E. E. Quenon. 2,362,500; Nov. 14.
Apparatus for testing moisture content in granular material. W. J. Delmhorst. 2,359,831; Oct. 10.
Apparatus for testing or measuring sizes or dimensions. G. F. Pembroke. 2,354,053; July 18.
Apparatus for testing or measuring sizes or dimensions. G. F. Pembroke. 2,362,924; Nov. 14.
Apparatus for the absorption of gases in liquids. R. Pflock. 2,356,530; Aug. 22.
Apparatus for the automatic projection of photographic transparencies and the like. P. S. Warriner. 2,363,820; Nov. 28.
Apparatus for the continuous purification of suspensions or sludges, especially of fibre pulps of the paper industry. H. Banning. 2,356,497; Aug. 22.
Apparatus for the control of internal combustion engines. F. B. Halford and A. L. Catford. 2,346,916; Apr. 18.
Apparatus for the control of mechanism. F. B. Halford and P. J. Wallace. 2,344,547; Mar. 21.
Apparatus for the conversion or inversion of direct electric current to alternating current. A. H. B. Walker. 2,352,299; June 27.

Apparatus for the cultivation of anaerobic and microaerophylic organisms. J. H. Brewer. 2,348,448; May 9.
Apparatus for the filming of X-ray images. J. Jany. 2,360,136; Oct. 10.
Apparatus for the growth of microorganisms. A. Cantor. 2,361,992; Nov. 7.
Apparatus for the loosening of matted fibrous materials. R. Kern. 2,341,623; Feb. 15.
Apparatus for the magnetic separation of materials. B. S. Followill and A. R. MacLagan. 2,338,501; Jan. 4.
Apparatus for the manufacture of artificial sausage skins. O. W. Becker and E. Braun. 2,345,086; Mar. 28.
Apparatus for the preparation of catalysts. S. B. Thomas. 2,349,230; May 16.
Apparatus for the production of decoctions, especially tea or coffee. S. Berger née Keresztes. 2,344,386; Mar. 14.
Apparatus for the production of efficient fuel gases. F. Porzel. 2,344,007; Mar. 14.
Apparatus for the production of metal. R. K. Hopkins. 2,350,233; May 30.
Apparatus for the production of metallic magnesium. M. E. Hertel. 2,362,440; Nov. 14.
Apparatus for the recovery of by-products of coking ovens. F. A. Weber. 2,343,034; Feb. 29.
Apparatus for the recovery of heat and chemicals from waste liquor. L. S. Wilcoxson. 2,354,175; July 18.
Apparatus for the recovery of solvent. G. B. Deeetti, W. A. Dew, B. H. Mackey, and R. G. Woodbridge, Jr. 2,349,249; May 23.
Apparatus for the recovery of volatizable metals. L. M. Pidgeon. 2,362,717; Nov. 14.
Apparatus for the removal of water, liquors or other liquids from soaked masses of fibrous materials. F. Schumacher. 2,365,658; Dec. 19.
Apparatus for the treatment and removal of chemicals from cooked or digested fiber pulp. M. C. McDonald. 2,355,091; Aug. 8.
Apparatus for the treatment of flour and the like. F. S. Smith. 2,339,735; Jan. 18.
Apparatus for timing watches. A. J. Auble. 2,340,575; Feb. 1.
Apparatus for tipping metal bases with metal tips. O. Jendresen. 2,339,079; Jan. 11.
Apparatus for transcribing last contours. H. and W. Clausing. 2,352,695; July 4.
Apparatus for transferring granular material. C. F. Geiger, C. P. Clapp, and W. C. Kempf. 2,346,743; Apr. 18.
Apparatus for transforming mechanical energy into heat. A. Beldimano. 2,344,075; Mar. 14.
Apparatus for transmitting electrical signals. H. A. Wallace. 2,348,666; May 9.
Apparatus for treating canned material. H. L. Smith, Jr., and W. E. Conley, Jr. 2,348,440; May 9.
Apparatus for treating cement. M. A. Eiben. 2,350,737; June 6.
Apparatus for treating cotton sweeps. W. Ockrant. 2,345,988; Apr. 4.
Apparatus for treating germs of wheat. P. Naeher and W. M. Williams. 2,355,671; Aug. 15.
Apparatus for treating hydrocarbons. J. E. Storment. 2,342,380; Feb. 22.
Apparatus for treating impure liquids. D. C. Reybold and A. J. Fischer. 2,340,842; Feb. 1.
Apparatus for treating impure liquids. D. C. Reybold and A. J. Fischer. 2,340,848; Feb. 1.
Apparatus for treating material. S. H. Williams. 2,364,838; Dec. 12.
Apparatus for treating milk. A. R. Thompson and J. Bucher. 2,362,733; Nov. 14.
Apparatus for treating pile fabrics. A. T. Herron. 2,349,169; May 16.
Apparatus for treating plastic material in a controlled atmosphere. T. Robinson. 2,351,706; June 20.
Apparatus for treating sheathed articles. C. J. Hackbarth. 2,338,508; Jan. 4.
Apparatus for treating sheer stockings with liquid material. A. H. Feikert. 2,340,214; Jan. 25.
Apparatus for treating solids in fluids. P. J. Bar. 2,351,091; June 13.
Apparatus for treating strands. V. A. Rayburn. 2,364,752; Dec. 12.
Apparatus for treating surfaces. H. Osterberg, G. E. Pride and R. K. Luneburg. 2,351,537; June 13.
Apparatus for treating water. W. I. Klein. 2,352,901; July 4.
Apparatus for treating wells. J. J. Grebe. 2,361,194; Oct. 24.
Apparatus for treating wells. P. G. Shelley. 2,347,615; Apr. 25.
Apparatus for treating wheat germs. P. Naeher and M. T. Williams. 2,355,670; Aug. 15.
Apparatus for trimming artichokes. A. M. Erickson. 2,342,131; Feb. 22.
Apparatus for truing grinding wheels. F. Turrettini. 2,344,332; Mar. 14.
Apparatus for truing grinding wheels. F. Turrettini. 2,355,020; Aug. 1.
Apparatus for truing up tubular bodies. C. E. Murphy. 2,350,410; June 6.
Apparatus for undercutting commutators. E. R. Manley. 2,352,278; June 27.
Apparatus for underwater photography. E. R. Johnson. 2,358,231; Sept. 12.
Apparatus for unloading wheeled vehicles of the bottom-discharge type. H. F. H. Shields. 2,364,876; Dec. 12.
Apparatus for use in cooling offal and the like. F. J. Bilek. 2,362,532; Nov. 14.
Apparatus for use in straightening metal barrels or the like. B. D. Titus and C. C. Blaine. 2,352,575; June 27.
Apparatus for use in tempering glass. G. White. 2,343,490; Mar. 7.
Apparatus for using normally gaseous solvents to separate wax and oil. E. M. Dons and O. G. Mauro. 2,354,246; July 25.
Apparatus for unsoldering gas meter and the like housings. A. W. Fuller. 2,342,045; Feb. 15.
Apparatus for unwinding and winding up endless films. G. Fries. 2,338,421; Jan. 4.
Apparatus for vaporizing liquified gases. T. Melsheimer. 2,346,112; Apr. 4.
Apparatus for ventilating railroad cars. J. D. Strobell. 2,338,363; Jan. 4.
Apparatus for verifying punchings or notchings in sheets. D. A. Nevin. 2,345,858; Apr. 4.
Apparatus for wall construction. W. S. Miles and P. A. Voigt. 2,342,479; Feb. 22.
Apparatus for washing clothes and other articles. J. T. Flint. 2,339,162; Jan. 11.
Apparatus for washing pulp. E. T. Street. 2,356,285; Aug. 22.
Apparatus for web alignment. C. A. Dickhaut. 2,347,893; May 2.
Apparatus for welding. M. S. Clark. 2,365,148; Dec. 12.
Apparatus for welding. M. L. Marcoux. 2,359,324; Oct. 3.
Apparatus for welding and smoothing seams. J. L. Anderson. 2,360,636; Oct. 17.
Apparatus for welding pipe sections. E. O. Bennett. 2,344,939; Mar. 28.
Apparatus for welding seams of metal drums. B. W. Moore. 2,340,679; Feb. 1.
Apparatus for well logging. A. L. Ackers. 2,342,827; Feb. 29.
Apparatus for winding web materials. L. Hornbostel. 2,357,202; Aug. 29.
Apparatus for wrapping. C. J. Fusco. 2,354,989; Aug. 1.
Apparatus mounting arrangement. J. E. Wack. 2,351,725; June 20.
Apparatus of icing bakery goods. W. H. Fredrickson. 2,348,800; May 16.
Apparatus or device for cutting and stamping telegrams and the like. H. C. Stevens. 2,345,435; Mar. 28.
Apparatus or frame for winding cross wound bobbins for spinning mills and the like, Type of. W. Menzinger. 2,341,111; Feb. 8.
Apparatus or toy for the construction of various electric machines and devices, Instructive and demonstration. M. Latour. 2,344,438; Mar. 14.
Apparel rack. L. H. Williams. 2,358,118; Sept. 12.
Apparel, Wearing. C. Dreyfus. 2,354,248; July 25.
Apparel, Wearing. D. C. Lippmann. 2,360,953; Oct. 24.
Appendage moistener. W. J. Miller and L. P. Reese. 2,355,172; Aug. 8.
Appliance, Domestic. D. K. Ferris. 2,338,236; Jan. 4.
Appliance for bending tubes, rods, and the like. F. C. Draper and J. Shaw. 2,366,012; Dec. 26.
Appliance for playing games of skill. R. E. Bartle and F. Riley. 2,365,513; Dec. 19.
Appliance for railroad cars. M. Brandon. 2,361,081; Oct. 24.
Applicator. H. M. Borden. 2,351,476; June 13.
Applicator. J. N. Eidt. 2,357,256; Aug. 29.
Applicator. W. M. Knight. 2,355,917; Aug. 15.
Applicator. J. McNail. 2,361,407; Oct. 31.
Applicator and stippler, Paint. D. C. Pratt. 2,357,763; Sept. 5.
Applicator for fingernail polish remover. O. A. Wells. 2,360,457; Oct. 17.
Applicator, Initial. B. Salzberg. 2,361,501; Oct. 31.
Applicator, Liquid. F. S. Bartlett. 2,353,987; July 18.
Applicator, Liquid. C. M. Chandler. 2,339,767; Jan. 25.
Applicator, Nasal. C. S. McIlvenn. 2,362,704; Nov. 14.
Applicator, Portable wallpaper paste. C. M. Banghart. 2,357,992; Sept. 12.
Applicator, Wax. E. J. Dahlstrom. 2,350,152; May 30.
Applicators, Method of and apparatus for inserting plugs into. J. R. McLaughlin. 2,353,174; July 11.
Applicators or daubers, Manufacturing. S. Piluso. 2,346,782; Apr. 18.
Applying beads to the margins of strips. G. T. Balfe. 2,346,347; Apr. 11.
Applying tubular articles to dies and the like. E. P. Olson. 2,349,456; May 23.
Apron. A. R. Baldeschwieler. 2,344,845; Mar. 21.
Apron. R. F. Coward, Jr., and A. S. Coward. 2,361,088; Oct. 24.
Apron, Draft. J. Rockoff. 2,341,656; Feb. 15.
Apron drier. F. B. Morrill. 2,346,138; Apr. 11.
Apron, Kit. H. S. Wallace. 2,364,258; Dec. 5.
Apron, Long draft textile. H. M. Bacon. 2,362,340; Nov. 7.
Aquatic amusement apparatus. H. F. Maynes. 2,343,313; Mar. 7.

Aquatic figure and apparatus for actuating the same. W. D. Eakin. 2,345,243; Mar. 28.
Aqueous composition and making the same, Thickened. S. Musher. 2,355,029; Aug. 1.
Aqueous dispersions of rubber, Treating. E. C. Uhlig. 2,359,698; Oct. 3.
Aqueous phenolic resin solutions. D. A. Hurst. 2,362,274; Nov. 7.
Aqueous solution of lactoflavin. E. Preiswerk. 2,349,986; May 30.
Aqueous solutions of phenols and their homologues and making the same. H. Goebel. 2,349,654; May 23.
Arbor holder. T. M. Stephens. 2,352,415; June 27.
Arbor, Lapping. A. J. and M. C. Hackman. 2,341,094; Feb. 8.
Arc confining structures, Making. G. F. McMahon. 2,358,407; Sept. 19.
Arc control device. D. Ellis and O. L. Taylor. 2,356,040; Aug. 15.
Arc device and controlling means for service at varying intensities, Enclosed. G. S. Sperti. 2,345,638; Apr. 4.
Arc lamp. B. J. Wolfe. 2,355,936; Aug. 15.
Arc limiting device. D. Ellis and O. L. Taylor. 2,356,039; Aug. 15.
Arc prevention circuit. O. L. Cleven. 2,359,728; Oct. 3.
Arc splitting plate. H. C. Graves, Jr. 2,338,715; Jan. 11.
Arc-stabilizing circuits. C. H. Jennings and A. B. White. 2,363,332; Nov. 21.
Arc starting device. P. L. Spencer. 2,347,715; May 2.
Arc starting electrode and forming same. P. L. Spencer. 2,352,230; June 27.
Arc support. J. Gerber. 2,366,096; Dec. 26.
Arc suppressing means. A. Rufnagel. 2,339,858; Jan. 25.
Arc suppressor. O. Maseng. 2,363,606; Nov. 28.
Arc voltage or arc length indicator. J. H. Blankenbuehler. 2,351,910; June 20.
Arc welding. J. D. Crecca. 2,348,728; May 16.
Arc welding. J. F. Lincoln and T. E. Jerabek. 2,345,758; Apr. 4.
Arc welding apparatus. F. B. Tuttle. 2,356,802; Aug. 29.
Arc welding apparatus. F. B. Tuttle. 2,360,743; Oct. 17.
Arc-welding equipment. G. A. Hughes. 2,356,320; Aug. 22.
Arc welding head, Automatic. K. R. Evans. 2,360,409; Oct. 17.
Arc welding material. V. Peters. 2,360,716; Oct. 17.
Arc welding system and arc welding. A. B. White. 2,340,993; Jan. 25.
Arc welding system, Continuous. C. J. Holslag. 2,365,958; Dec. 26.
Arch and wall. P. Wright. 2,346,638; Apr. 11.
Arch-bound polysegmental packing ring. H. T. Wheeler. 2,350,535; June 6.
Arch culverts, Manufacture of. A. F. Cleve. 2,358,960; Sept. 26.
Arch hook. H. Gustafson. 2,358,705; Sept. 19.
Arch support for shoes, Pneumatic or cushion. E. M. Dialyman. 2,365,807; Dec. 26.
Arch supports. A. Uger. 2,365,124; Dec. 12.
Arched construction and erecting same. J. S. Sherman. 2,360,285; Oct. 10.
Archery bow. T. B. Brown and M. L. Stansel. 2,344,799; Mar. 21.
Area measuring machine. J. L. Jones and J. W. Farmer. 2,346,631; Apr. 4.
Area measuring machine. J. L. Jones and J. W. Farmer. 2,356,761; Aug. 29.
Area measuring machine. P. E. Nokes. 2,354,767; Aug. 1.
Area measuring machine. P. E. Nokes and P. Coben. 2,359,434; Oct. 10.
Arm control mechanism, Pickup. J. D. Weaver. 2,356,137; Aug. 22.
Arm for rearview mirrors and the like, Supporting. O. C. Ritx-Woller. 2,353,588; July 11.
Aromatic esters, Manufacture of. S. Tryon and W. S. Benedict. 2,362,865; Nov. 14.
Aromatic hydrocarbons, Alkylation of. L. Schmerling and V. N. Ipatieff. 2,361,065; Oct. 24.
Aromatic resinous compositions, Stabilized vinyl. A. L. Marshall. 2,364,027; Nov. 28.
Armature assembling machine. L. E. Poole and E. R. Fausett. 2,359,384; Oct. 3.
Armature construction. R. M. Heints and P. F. Scofield. 2,353,336; July 11.
Armature construction. R. M. Heints and P. F. Scofield. 2,361,942; Oct. 31.
Armature construction. A. R. Kelstman. 2,347,056; Apr. 18.
Armature for dynamoelectric machines. E. C. Allen. 2,348,948; May 16.
Armature recutting tool. W. H. Rhindress. 2,357,765; Sept. 5.
Armed rotating turret for aircraft. E. Lanciani. 2,357,209; Aug. 29.
Armor plate. A. R. Stargardter. 2,347,375; Apr. 25.
Armor plating. C. J. Hardy. 2,348,130; May 2.
Armor shell for motor vehicles. T. J. Costa. 2,363,573; Nov. 28.
Armored cable cutter. R. Martinez. 2,364,801; Dec. 12.
Armored conductor structure. O. R. Rasmussen. 2,338,299; Jan. 4.
Armored conductor structure. J. W. Schmied. 2,338,304; Jan. 4.
Armored observation port. J. J. Downey. 2,351,253; June 13.
Armored tank, One man. J. J. Baldine. 2,349,535; May 23.
Armrest for crutches. T. Lamb. 2,362,642; Nov. 14.
Army tank. C. S. Ramsey. 2,344,730; Mar. 21.
Aromatic compounds, Monomercurating. K. A. Kobe and T. F. Doumani. 2,353,312; July 11.
Aromatic compounds, Production of. A. N. Sachanen and R. C. Hansford. 2,342,090; Feb. 15.
Aromatic ethers of 1,3-butadiene-ol-2. A. Wolfram and H. Jahn. 2,354,632; July 25.
Aromatic hydrocarbon, Alkylation of. L. Schmerling and A. M. Durinsky. 2,357,978; Sept. 12.
Aromatics, sulphur, or unsaturates from hydrocarbons, Removal of. R. E. Burk. 2,343,841; Mar. 7.
Arrangement for adjusting the blades of opposite rotating air propellers. R. Freitag. 2,338,420; Jan. 4.
Arrangement for electrically controlling operation of machine tools. H. Tutiya. 2,360,375; Oct. 17.
Arrangement for fixing the position of the strap fittings on the ring of the snow hoop of a ski stick. N. J. Gille. 2,365,869; Dec. 26.
Arrangement for measuring frequency characteristics. P. Deserno. 2,356,510; Aug. 22.
Arrangement for producing filters. M. von Ardenne. 2,345,080; Mar. 28.
Arrangement in distance meters according to the stereoprinciple. E. Aulin. 2,350,210; May 30.
Arrangement of the transverse supports in automatic and semiautomatic lathes. F. R. Deuring. 2,340,513; Feb. 1.
Arrester or insulator, Torpedo. S. D. Redmond and A. H. McCoy. 2,348,094; May 2.
Arrester, Spark. H. W. Gonia. 2,346,022; Apr. 4.
Arrowhead. E. S. Boose. 2,350,581; June 6.
Arsanilic acid azo sulphonamide compounds. F. Proescher and V. M. Sycheff. 2,348,417; May 9.
Art of manufacturing lubricating oils. E. Lieber. 2,341,454; Feb. 8.
Article and making same, Ornamental. S. D. Cohen. 2,346,824; Apr. 18.
Article and making the same. G. J. Alles. 2,356,023; Aug. 15.
Article and support therefor and making the same, Pressure molded metallic composition. I. W. Cox. 2,361,089; Oct. 24.
Article assembling apparatus. E. G. Chambers, R. B. Kling, and G. A. Seeley. 2,365,803; Dec. 26.
Article assembling apparatus. E. L. Malhiot. 2,351,276; June 13.
Article assembly apparatus. A. C. Frankwich and G. A. Seeley. 2,351,116; June 13.
Article attaching machine. H. Gunther. 2,356,665; Aug. 22.
Article attaching machine. M. McCann. 2,345,943; Apr. 4.
Article attaching machines, Work-holder for. H. Gunther. 2,359,035; Sept. 26.
Article carrier. C. J. Anchor. 2,363,276; Nov. 21.
Article classifying device. K. J. Yost. 2,356,295; Aug. 22.
Article conditioning shakeout tumbler. E. D. Purkett. 2,339,030; Jan. 11.
Article conveyer apparatus for packaging machines. M. J. Milmoe and C. J. Malhiot. 2,358,240; Sept. 12.
Article-conveying mechanism. L. J. Saladin. 2,351,838; June 20.
Article delivery. S. A. Huffman. 2,339,268; Jan. 18.
Article dispensing container. H. Crane. 2,354,741; Aug. 1.
Article feeding apparatus. G. W. Carvey. 2,361,176; Oct. 24.
Article feeding device. I. M. Anderson. 2,343,515; Mar. 7.
Article feeding mechanism. O. Sandberg. 2,354,482; July 25.
Article for religious use. R. F. Brennan. 2,351,918; June 20.
Article forming apparatus. E. L. Malhiot. 2,343,466; Mar. 7.
Article forming apparatus. E. L. Malhiot. 2,357,902; Sept. 12.
Article forming apparatus. G. C. Matson. 2,341,462; Feb. 8.
Article grading device. S. H. Beach. 2,353,539; July 11.
Article handling apparatus. E. J. Beaulieu and M. J. Christiansen. 2,362,043; Nov. 7.
Article handling apparatus. G. Goebel and H. A. Rau. 2,355,722; Aug. 15.
Article handling apparatus. J. K. McLeod. 2,345,347; Mar. 28.
Article handling apparatus. H. C. Reimer. 2,355,820; Aug. 15.
Article handling apparatus. R. P. Wood. 2,359,016; Sept. 26.
Article handling device. W. E. Bauscher. 2,342,111; Feb. 22.
Article handling device. A. E. Orwell. 2,342,163; Feb. 22.
Article handling machine. J. A. Decker. 2,350,273; May 30.

Article handling mechanism. C. Z. Monroe. 2,364,868; Dec. 12.
Article holder. A. V. Langhofer. 2,359,999; Oct. 10.
Article holding fixture. G. J. Zethmayr. 2,341,496; Feb. 8.
Article holding means for cleaning machines. J. J. O'Brien and J. Strad. 2,347,430; Apr. 25.
Article, Inlaid. J. J. Larmour. 2,364,226; Dec. 5.
Article intended for sport. E. H. Wallin. 2,344,379; Mar. 14.
Article of food and making the same. R. R. Cox. 2,345,463; Mar. 28.
Article of footwear. E. J. Story. 2,340,027; Jan. 25.
Article of luggage. W. H. Bracken. 2,339,907; Jan. 25.
Article manipulating apparatus. S. M. Martin and J. G. Miller. 2,356,864; Aug. 29.
Article of manufacture. T. Benzinger. 2,361,449; Oct. 31.
Article of manufacture. D. H. Edwards and E. O. Mueller. 2,361,464; Oct. 31.
Article of manufacture. J. Ritchie. 2,361,499; Oct. 31.
Article of manufacture and making the same. H. P. Starner. 2,361,711; Oct. 31.
Article of manufacture and producing the same. R. T. K. Cornwell. 2,365,455; Dec. 19.
Article selecting and transfer mechanism. C. F. Seibert. 2,359,252; Sept. 26.
Article shaking mechanism. E. A. Wilckens. 2,356,021; Aug. 15.
Article sorting apparatus. A. S. Jackson. 2,346,583; Apr. 11.
Article support. W. E. Scruggs. 2,364,003; Nov. 28.
Article support. J. T. Whalen. 2,355,835; Aug. 15.
Article testing machine. B. A. Andalikiewicz and D. T. Carlson. 2,352,880; July 4.
Article timing device. R. J. Stewart. 2,350,479; June 6.
Article timing device. R. J. Stewart and H. H. Frants. 2,338,267; Jan. 4.
Article transfer mechanism. C. W. Schreiber. 2,349,638; May 23.
Article working and assembling apparatus. A. S. Liss. 2,353,054; July 4.
Articles by an injection molding machine, Producing. G. Kirchner. 2,350,770; June 6.
Articles, Forming composite. E. J. Fiekers. 2,348,287; May 9.
Articles from liquid coating compositions, Method and apparatus for manufacturing. R. W. Albright. 2,361,583; Oct. 31.
Articles from thermoplastic material, Producing. D. T. Manning and W. T. Manning, Jr. 2,343,238; Mar. 7.
Articles made of light metals, Protecting. J. Frasch. 2,364,964; Dec. 12.
Articles, Making. A. E. Ushakoff. 2,338,787; Jan. 11.
Articles of commerce, Production of. J. E. Harvey, Jr. 2,349,720; May 23.
Articles of non-metallic mineral compounds and producing same. M. J. Buerger. 2,362,430; Nov. 7.
Articles of plastic material, Forming. A. O. and L. W. Austin. 2,353,000; July 4.
Articles of plastic material, Method and apparatus for making. F. J. MacDonald. 2,358,176; Sept. 12.
Articles, Packaging heavy, legged. H. J. Lacy, II, and E. C. Slaughter. 2,348,483; May 9.
Artificial arm joint. D. W. Dorrance. 2,349,411; May 23.
Artificial fibers from protein material, Manufacture of. D. Traill, R. V. Seddon, and W. Sever. 2,340,909; Feb. 8.
Artificial fibers, Making. E. Graumann and W. Zetzsche. 2,340,377; Feb. 1.
Artificial filaments, films, and like materials, Manufacture of. H. Dreyfus, R. W. Moncrieff, and C. W. Sammons. 2,360,406; Oct. 17.
Artificial flower holder. S. Zuckerman. 2,350,268; May 30.
Artificial line and making same. L. A. De Rosa. 2,362,470; Nov. 14.
Artificial materials, Manufacture of. J. W. Jacokes, J. J. Schilthuis, and G. I. Thurmond. 2,339,408; Jan. 18.
Artificial sausage skins, Manufacture of. J. Wolff. 2,350,857; June 6.
Artificial shaped articles, Producing. C. Dreyfus. 2,354,745; Aug. 1.
Artificial teeth. J. A. Saffir. 2,350,196; May 30.
Artificial teeth, Making. S. Myerson. 2,357,757; Sept. 5.
Artificial weedless fishing lure. H. J. Koering. 2,347,743; May 2.
Artillery mechanism, Simplified. R. D. Gebeau. 2,359,517; Oct. 3.
Aryl-alicyclic fatty acid esters, The manufacture of. K. Hoffmann and L. Panisson. 2,346,027; Apr. 4.
Arylamino dihydrobenzofurane. C. F. Gibbs. 2,342,135; Feb. 22.
Arylaminoketo compound and preparation. J. B. Dickey and J. G. McNally. 2,351,409; June 13.
Aryloxy-alkacyl-arylenes. C. E. Sparks. 2,361,327; Oct. 24.
Aryloxy ketones, Production of. C. D. Hurd. 2,359,039; Sept. 26.
Asbestos-cement shingles or the like, Manufacturing. W. Gerity. 2,348,804; May 16.
Ash collector, Fly. E. W. Bullock. 2,348,785; May 16.
Ash receiver. W. Gooden. 2,341,092; Feb. 8.
Ash receiver. J. T. Lewis. 2,338,653; Jan. 4.
Ash receptacle. M. Fletcher. 2,365,946; Dec. 26.
Ash receptacle and cigarette butt snuffer. C. A. Shepard. 2,348,368; May 9.
Ash removing and receiving device. J. P. Dennebaum. 2,360,938; Oct. 24.
Ash tray. H. M. Anholt. 2,352,756; July 4.
Ash tray. J. G. Lawrence. 2,348,396; May 9.
Ash tray and coaster, Combined. S. R. Larzelere. 2,347,353; Apr. 25.
Ash tray and plate securing means therefor. J. F. Schylander. 2,348,423; May 9.
Ash tray, Pipe cleaning. W. H. Stewart. 2,352,033; June 20.
Asphalt composition capable of cold application. J. C. Roediger. 2,355,242; Aug. 8.
Asphalt paving composition and a blending agent for the same. L. A. Mikeska. 2,361,488; Oct. 31.
Asphalt, Process of increasing the service life of. R. E. Burk. 2,340,640; Feb. 1.
Asphalt, Producing. D. E. Carr. 2,361,263; Oct. 24.
Asphalt product and preparing the same. T. F. Bradley. 2,347,626; Apr. 25.
Asphalt saturation. W. E. Spelshouse and A. H. Boenau. 2,350,649; June 6.
Asphaltic emulsion. W. W. De Laney. 2,350,548; June 6.
Asphalts, Improving quality of oxidized. K. G. Morris. 2,343,789; Mar. 7.
Aspirating separator. R. J. S. Carter. 2,361,601; Oct. 31.
Assay crucible and similar article. R. S. Bradley. 2,339,454; Jan. 18.
Assembling and feeding machine, Article. L. B. Willoughby. 2,345,310; Mar. 28.
Assembling apparatus. E. Bertalan. 2,355,833; Aug. 15.
Assembling apparatus. R. E. Brooks. 2,364,689; Dec. 12.
Assembling apparatus. H. W. Garbe. 2,355,522; Aug. 8.
Assembling apparatus. E. L. Malhiot. 2,349,878; May 30.
Assembling apparatus. H. W. Norman and B. A. Raetsch. 2,359,575; Oct. 3.
Assembling apparatus. W. R. Samson. 2,357,693; Sept. 5.
Assembling apparatus. J. A. Wagner. 2,355,832; Aug. 15.
Assembling strip material. E. A. Davis. 2,351,111; June 13.
Assembly device. R. H. McKanna and J. L. Ross. 2,364,230; Dec. 5.
Assembly for clutches and brakes. T. L. Fawick. 2,349,494; May 23.
Assembly for clutches, brakes, and the like. T. L. Fawick. 2,340,315; Feb. 1.
Assembly maintaining and sealing means for draft gears. R. M. Nelson. 2,338,453; Jan. 4.
Assembly tool. C. W. Gilligan. 2,364,630; Dec. 12.
Assorting apparatus. E. A. Krueger. 2,361,948; Nov. 7.
Assorting machine. M. Shuman. 2,359,165; Sept. 26.
Astronomical educational device. E. E. Oberst. 2,340,515; May 23.
Astronomical instrument. J. A. Millar. 2,349,188; May 16.
Asymmetric device and mounting means therefor. B. Lazich and R. H. Williams, Jr. 2,349,629; May 23.
Atomiser. P. D. Nielsen. 2,351,697; June 20.
Atomizer. W. P. Pernhall. 2,351,226; June 13.
Atomizer. J. B. Schmitt and W. R. Dodds. 2,357,979; Sept. 12.
Atomizer. W. A. Wells. 2,349,894; May 30.
Atomizer for carburetors. H. F. Lee. 2,364,987; Dec. 12.
Atomizer for liquids. L. Mai. 2,342,288; Feb. 22.
Atomizer head. I. T. Holihan and W. H. Davis. 2,365,195; Dec. 19.
Atomizer head. W. I. McCrum. 2,357,050; Aug. 29.
Atomizer, Self-cleaning. H. F. Simon. 2,362,102; Nov. 7.
Atomizing apparatus. L. J. Clark and W. F. Goosmann. 2,362,885; Nov. 14.
Atomizing burner. J. S. Zink. 2,359,722; Oct. 3.
Atomizing device. W. H. Rose. 2,354,063; July 18.
Atomizing liquids. A. J. Loepsinger. 2,361,144; Oct. 24.
Atomizing spreader for sprinkler heads. A. C. Rowley. 2,357,227; Aug. 29.
Atmosphere heat-treating furnace. A. Krauscope and G. P. Lessmann. 2,354,127; July 18.
Atmospheres, Producing protective. H. J. Ness. 2,346,998; Apr. 18.
Atmospheric air flow regulator. G. T. Simpson. 2,358,260; Sept. 12.
Atmospheric pressure responsive device. W. H. Kliever. 2,357,745; Sept. 5.
Attaching articles. M. McCann. 2,341,184; Feb. 8.
Attaching device. R. A. Boersma. 2,358,206; Sept. 12.
Attaching device for chair legs and the like. F. T. Parrish. 2,343,077; Feb. 29.
Attaching means. P. B. Burrus. 2,364,599; Dec. 12.
Attaching means. K. J. J. McGowan. 2,355,544; Aug. 8.
Attaching means for closures. H. R. Hustad. 2,355,377; Aug. 8.
Attachment device. S. E. Duzmal. 2,354,746; Aug. 1.
Attachment for cigarette packages. R. K. Newton and I. C. Prafke. 2,354,398; July 25.

Attachment for dredges and similar devices. E. M. Pearson. 2,356,469; Aug. 22.
Attachment for drills. J. E. Bovee. 2,364,688; Dec. 12.
Attachment for garment steaming and pressing machines. J. Milazzo. 2,340,136; Jan. 25.
Attachment for ham stuffing presses. J. Ople. 2,344,054; Mar. 14.
Attachment for heel-nailing machines. C. M. De Wolfe. 2,365,060; Dec. 12.
Attachment for hypodermic syringes. H. P. Gorman. 2,347,179; Apr. 25.
Attachment for lathes, Turret. R. W. Waldo and L. J. Ratte. 2,364,329; Dec. 5.
Attachment for machine tools. H. M. Lazer. 2,347,489; Apr. 25.
Attachment for milling machines. E. A. Thorsberg. 2,364,328; Dec. 5.
Attachment for pile driver. W. C. Collyer. 2,345,795; Apr. 4.
Attachment for plows, Weed destroying. H. J. McLary. 2,364,862; Dec. 12.
Attachment for pneumatically tired wheels. J. Kindervater. 2,362,279; Nov. 7.
Attachment for sewing machines, Work-folding. J. E. Ackerman. 2,348,690; May 9.
Attachment for stripping foam from cans. H. D. Ayars. 2,362,791; Nov. 14.
Attachment for tractors. G. C. Schonberg. 2,354,883; Aug. 1.
Attachment for tractors, Crane. F. P. Lawler. 2,363,341; Nov. 21.
Attachment for typewriters. J. A. Pittman. 2,363,989; Nov. 28.
Attachment for valved wind instruments, Foot-operable. W. H. Strane. 2,358,605; Sept. 19.
Attachment for welders' helmets. G. M. Shipp. 2,356,164; Sept. 26.
Attachment lug means for frames and other structures, Adjustable. F. Fishbein and J. Harr. 2,361,186; Oct. 24.
Attachment plug. M. G. Heiser and W. C. Gilbert. 2,343,664; Mar. 7.
Attenuation regulator. S. Darlington. 2,362,359; Nov. 7.
Attic spaces, Ventilating. E. O. Howle. 2,358,397; Sept. 19.
Attitude control apparatus. W. L. Cooley. 2,357,459; Sept. 5.
Attrition mill. C. F. Dinley. 2,340,456; Feb. 1.
Audio frequency limiter network. M. Katzin. 2,357,405; Sept. 5.
Audio transmission circuit. A. V. Bedford. 2,340,364; Feb. 1.
Auger bit. A. C. Koett. 2,358,077; Sept. 12.
Auto body wrecking press. P. Clifton and E. C. Keseler. 2,353,221; July 11.
Auto mirror bracket. H. Golden. 2,361,764; Oct. 31.
Auto parts washer. V. N. Albertson. 2,352,356; June 27.
Auto safety belt. D. O'Keeffe. 2,349,109; May 16.
Autographic register. H. H. Pelzer. 2,342,554; Feb. 22.
Automatic alarm switch. C. Meza. 2,357,533; Sept. 5.
Automatic apparatus for aligning and pitting olives, etc. G. Frova. 2,360,411; Oct. 17.
Automatic arc striking starter circuit. K. E. Shaffer. 2,364,920; Dec. 12.
Automatic balance tab. H. P. Focht. 2,357,465; Sept. 5.
Automatic bank control. B. G. Carlson. 2,340,041; Jan. 25.
Automatic blank feeder. H. Bobst. 2,353,214; July 11.
Automatic boiler feed regulator. J. Loumiet et Lavigne. 2,335,773; Jan. 11.
Automatic bottle filling apparatus. C. F. Weinreich and A. J. Lippold. 2,349,780; May 23.
Automatic brake. A. Zwald. 2,341,753; Feb. 15.
Automatic car coupler. M. B. Cameron. 2,339,374; Jan. 18.
Automatic carrier for strip materials. W. Hotinee. 2,351,428; June 13.
Automatic case shift. P. M. Rainey. 2,360,621; Oct. 17.
Automatic change-over device. T. H. Whaley, Jr. 2,354,286; July 25.
Automatic change speed power transmission mechanism. H. J. Murray. 2,351,628; June 20.
Automatic circuit tuning. H. E. Goldstine. 2,358,454; Sept. 19.
Automatic clutch. A. Y. Dodge. 2,340,368; Feb. 1.
Automatic clutch controlled prime mover. W. L. Carlson. 2,361,086; Oct. 24.
Automatic collet chuck. C. M. Bell. 2,359,507; Oct. 3.
Automatic control device. G. P. Bosomworth. 2,354,431; July 25.
Automatic control for aircraft equipment. C. C. Fawcett. 2,342,184; Feb. 22.
Automatic control for anti-icer apparatus for aircraft. G. V. Holloman and W. E. Huffman. 2,358,804; Sept. 26.
Automatic control for electric circuits. R. F. Stewart and P. W. Elrod. 2,346,623; Apr. 11.
Automatic control for heat transfer systems. S. P. Miller. 2,353,486; July 11.
Automatic control for the letoff mechanism of looms. Y. H. Kurkjian. 2,355,656; Aug. 15.
Automatic control for the letoff mechanism of looms. Y. H. Kurkjian. 2,357,336; Sept. 5.
Automatic control means for change-speed mechanisms for machine tools. A. J. Fuller. 2,357,396; Sept. 5.
Automatic control means for maintaining constant liquid levels. E. C. Groghan. 2,343,549; Mar. 7.
Automatic control mechanism. F. G. Clark. 2,344,535; Mar. 21.
Automatic controlled fluid feeding system for internal combustion engines. C. B. Pierce. 2,342,519; Feb. 22.
Automatic cutoff device. W. Waterman. 2,354,161; July 18.
Automatic cutting apparatus. A. C. Oakes. 2,356,877; Aug. 29.
Automatic discharge mechanism for swinging tray ovens. H. Feige. 2,342,393; Feb. 22.
Automatic door bottom. W. E. Balousek. 2,344,278; Mar. 14.
Automatic drill press. O. M. Barnes. 2,339,597; Jan. 18.
Automatic edge inking machine. A. L. Jalbert. 2,357,471; Sept. 5.
Automatic electric control system. R. R. Lobosco. 2,362,569; Nov. 14.
Automatic end stop for a shear. R. B. Zuber. 2,360,752; Oct. 17.
Automatic facsimile telegraph system. G. H. Ridings. 2,351,231; June 13.
Automatic feeder. C. H. Dolan, II. 2,349,540; May 23.
Automatic film rewind switch. J. Fried. 2,359,724; Oct. 3.
Automatic film winding mechanism. J. Mihalyi. 2,360,255; Oct. 10.
Automatic finishing machine. H. Lyon. 2,357,337; Sept. 5.
Automatic firearm breechblock stop. G. Webb. 2,354,080; July 18.
Automatic forming machine. F. G. Silva and W. S. Davenport. 2,347,372; Apr. 25.
Automatic frequency control. C. W. Earp. 2,354,510; July 25.
Automatic frequency control system. C. Travis. 2,357,984; Sept. 12.
Automatic fuel shutoff means for combustion apparatus. A. F. Schumann and A. J. Turpin. 2,360,166; Oct. 10.
Automatic gain adjusting device for reflection seismographs. W. D. Mounce. 2,366,043; Dec. 26.
Automatic gain control and amplitude selection device. A. R. Applegarth, Jr. 2,356,140; Aug. 22.
Automatic gun. L. S. Tisdale, Sr. 2,353,601; July 11.
Automatic gun-pointing mechanism. D. J. Stebbins. 2,354,153; July 18.
Automatic gun selector. G. W. Pontius, III. 2,355,179; Aug. 8.
Automatic handwheel clutch. C. W. Bryant. 2,350,958; June 6.
Automatic heater control valve. J. B. Whitted. 2,347,142; Apr. 18.
Automatic heating system. G. L. Cheasley. 2,353,146; July 11.
Automatic hog oiling and feeding assembly. I. H. Palmer. 2,352,859; July 4.
Automatic jack rafter bevel square. P. F. Witter. 2,340,032; Jan. 25.
Automatic latch for gates. J. L. Tierney. 2,341,127; Feb. 8.
Automatic lathe. N. P. Lloyd. 2,343,914; Mar. 14.
Automatic laundry heater. J. C. Barnes. 2,359,962; Oct. 10.
Automatic loading apparatus for machine tools. W. A. Tulloch. 2,362,177; Nov. 7.
Automatic lock. J. H. Hobson and F. A. Burger. 2,339,073; Jan. 11.
Automatic loom shuttle. H. E. Foster. 2,353,611; July 11.
Automatic machine. A. M. Loungway. 2,350,515; June 6.
Automatic means for opening parachutes. W. A. Babowski. 2,365,445; Dec. 19.
Automatic means for preventing detrimental physiological reactions at high altitudes. H. M. Kirschbaum. 2,353,906; July 18.
Automatic meter. C. A. Toce and R. F. Broussard. 2,340,442; Feb. 1.
Automatic motor starting change-over device for use with two or more motion-picture projectors. T. Di Stefano. 2,343,046; Feb. 29.
Automatic packaging machine. E. Bhrent and E. F. Marresford. 2,353,005; July 4.
Automatic parking meter. C. A. Toce and R. F. Broussard. 2,340,441; Feb. 1.
Automatic phonograph. C. G. Johnson. 2,351,972; June 20.
Automatic portioning and molding mechanism. H. H. Holly. 2,338,939; Jan. 11.
Automatic powder filling machine, Multiple head. C. F. Carter. 2,360,198; Oct. 10.
Automatic power release clutch. S. T. Smith. 2,359,011; Sept. 26.
Automatic reclosing breaker. J. W. May. 2,349,632; May 23.
Automatic record-changing apparatus. F. Kahl and O. C. Booher. 2,348,257; May 9.
Automatic record changing apparatus. J. D. Weaver. 2,348,506; May 9.
Automatic reel. R. A. Moravek. 2,355,318; Aug. 8.

Automatic regulating device. D. R. Emanuel. 2,339,469; Jan. 18.
Automatic releasable lock. T. L. Roberts. 2,355,895; Aug. 15.
Automatic resetting device for governors. N. R. Richmond. 2,352,736; July 4.
Automatic reverberation control. A. N. Goldsmith. 2,354,176; July 18.
Automatic safety device for headlight systems. C. D. Bradley. 2,342,639; Feb. 29.
Automatic safety vacuum lock. G. Ott. 2,340,424; Feb. 1.
Automatic screw machine. H. W. Ruppel. 2,357,428; Sept. 5.
Automatic sectionalizing and short circuiting switch. E. H. Haug. 2,350,610; June 6.
Automatic selectivity control for radio receivers. E. N. Muller. 2,353,180; July 11.
Automatic short circuiting device. J. H. Chiles, Jr. 2,345,584; Apr. 4.
Automatic shutoff valve. D. Samiran. 2,353,191; July 11.
Automatic speed regulator. R. T. Walker. 2,351,245; June 13.
Automatic speed synchronizing mechanism for twin motors. R. H. Glanville and S. Mumford. 2,339,989; Jan. 25.
Automatic sprinkler system. H. N. Rider. 2,352,995; July 4.
Automatic starter switch. J. F. Lachapelle. 2,363,534; Nov. 28.
Automatic stoker. I. A. Winter. 2,341,252; Feb. 8.
Automatic stop for phonograph mechanisms. H. A. Roe. 2,348,924; May 16.
Automatic switching equipment. H. Bany. 2,360,098; Oct. 10.
Automatic switching telephone system. A. J. Busch, I. H. Henry and C. F. Seibel. 2,350,873; June 6.
Automatic system for controlling the direction of moving bodies. G. A. Rubissow. 2,363,363; Nov. 21.
Automatic telephone switch and system. J. I. Bellamy. 2,354,660; Aug. 1.
Automatic temperature control. W. G. Wood and F. B. Hunter. 2,352,058; June 20.
Automatic temperature control for electric coffee makers. K. L. Woodman. 2,365,615; Dec. 19.
Automatic temperature control for injection molding machines. G. Smith. 2,350,539; June 6.
Automatic temperature control system. T. J. Lehane and E. H. Burgess. 2,346,592; Apr. 11.
Automatic theft preventing device. B. H. Skelly. 2,354,070; July 18.
Automatic tuner. B. A. Schwarz and L. J. Fichter. 2,342,902; Feb. 29.
Automatic tuning control. C. W. Hansell. 2,339,851; Jan. 25.
Automatic tuning mechanism. L. J. Leishman. 2,340,393; Feb. 1.
Automatic valve. E. M. Harvey. 2,352,197; June 27.
Automatic vehicle or airplane control apparatus. C. J. Maheras. 2,339,497; Jan. 18.
Automatic voltage control system for alternators. F. F. Hutchinson. 2,351,340; June 13.
Automatic volume control. R. D. Newcomb. 2,350,803; June 6.
Automatic volume control circuits. J. F. Dreyer, Jr. Re. 22,537; Aug. 29.
Automatic volume control for telephone recording apparatuses. L. Thompson. 2,340,159; Jan. 25.
Automatic weighing device. L. E. Muskat. 2,352,114; June 20.
Automatic wind motor. S. Zgliczynski. 2,348,671; May 9.
Automatic window sash operating mechanism. C. C. Gardner. 2,345,594; Apr. 4.
Automatic wood-burning heater. J. C. Barnes. 2,358,044; Sept. 12.
Automatic working up of photographic paper and films. R. A. Kremp. 2,338,442; Jan. 4.
Automobile body heater. H. J. Findley. 2,355,151; Aug. 8.
Automobile body heater. L. M. Payne. 2,356,609; Aug. 22.
Automobile brake and suspension linkage. P. Heftler. 2,350,353; June 6.
Automobile carrier. H. H. Metcalf. 3,238,955; Jan. 11.
Automobile direction signals. E. N. Jacobi. 2,361,630; Oct. 31.
Automobile door and window lock. H. M. Fredholm. 2,354,169; July 18.
Automobile door construction. J. L. Conlon. 2,356,976; Aug. 29.
Automobile door handle. G. N. Harden. 2,340,186; Jan. 25.
Automobile door lock. E. D. Dall. 2,344,805–6; Mar. 21.
Automobile door lock control device. H. A. Jacobs. 2,339,170; Jan. 11.
Automobile heater. A. W. Le Fevre and T. F. Spackman. 2,342,872; Feb. 29.
Automobile heater. H. J. D. McCollum. 2,349,740; May 23.
Automobile jack. D. Currie. 2,347,888; May 2.
Automobile jack. J. E. Hines. 2,343,459; Mar. 7.
Automobile license stamp holder. R. J. Kopp. 2,341,048; Feb. 8.
Automobile recorder. J. F. Carloni. 2,345,657; Apr. 4.
Automobile safety system. F. P. De Wilde. 2,348,963; May 16.
Automobile seat. A. Benzick. 2,347,025; Apr. 18.
Automobile signal. J. R. Dempsey. 2,344,854; Mar. 21.
Automobile window supported hat rack and coat hanger device. N. Zwald. 2,344,339; Mar. 14.
Automotive accessory support. A. C. Radtke. 2,362,719; Nov. 14.
Automotive drive. C. G. Miller. 2,343,469; Mar. 7.
Automotive fixture or accessory. J. Fischer. 2,357,815; Sept. 12.
Automotive running gear. N. E. Wahlberg. 2,365,609; Dec. 19.
Automotive suspension. R. H. Phelps. 2,344,896; Mar. 21.
Automotive suspension. N. E. Wahlberg and R. H. Phelps. 2,339,533; Jan. 18.
Automotive tool. R. D. Smith. 2,360,171; Oct. 10.
Automotive vehicle. P. T. Brantingham. 2,356,375; Aug. 22.
Automotive vehicle construction. B. J. Craig. 2,349,940; May 30.
Automotive vehicle license tag. E. J. Sigler. 2,338,824; Jan. 11.
Auxiliary attachment for "knee type" lathe tools. J. A. Larsson. 2,341,277; Feb. 8.
Auxiliary bicycle seat. H. K. Rehn. 2,354,881; Aug. 1.
Auxiliary device adapted to drive light vehicles. M. Mennesson. 2,351,992; June 20.
Auxiliary ignition system for internal-combustion engines. C. E. Maier. 2,354,035; July 18.
Auxiliary power supply. H. O. Peterson. 2,341,238; Feb. 8.
Auxiliary switch. H. N. Schneider. 2,362,313; Nov. 7.
Auxiliary telephone apparatus. C. S. Rhoads. 2,346,113; Apr. 4.
Aviation gasoline containing lead alkyl, Stabilized. E. L. Walters. 2,361,338; Oct. 24.
Aviation landing field. E. C. Henderson and G. Stallard. 2,346,304; Apr. 11.
Aviation mask, High altitude. A. H. Bulbulian. 2,348,108; May 2.
Aviation trainer. E. A. Link and K. A. Kail. 2,358,016; Sept. 12.
Aviation trainer. G. Lowkrantz. 2,358,018; Sept. 12.
Aviation training apparatus. C. Blenman, Jr. 2,359,294; Oct. 3.
Aviator's seat. H. A. Southerland. 2,358,603; Sept. 19.
Avigation system. R. C. Lawlor. 2,363,600; Nov. 28.
Awning. W. C. Markie. 2,339,344; Jan. 18.
Awning. T. C. Powers. 2,350,251; May 30.
Awning, Electrically operated. E. H. Schane. 2,347,845; May 2.
Awning fixture. W. Kroier. 2,343,909; Mar. 14.
Awning for children's vehicles. D. E. Davis. 2,362,360; Nov. 7.
Ax holder. G. S. Outlaw. 2,348,091; May 2.
Axial balance device. F. Turrettini. 2,344,571; Mar. 21.
Axial piston pump. H. Molly. 2,353,917; July 18.
Axiometer and bifocal lens segment locater, Combined. G. J. Sheehy. 2,348,858; May 16.
Axle and bearing cooler. J. P. Galtney. 2,356,578; Aug. 22.
Axle bearing seal. W. L. Scribner. 2,342,092; Feb. 15.
Axle, Double reduction. A. Hillcoat and J. B. Griffith. 2,350,459; June 6.
Axle, Drive. H. W. Alden and B. W. Keese. 2,351,590; June 20.
Axle, Driving. E. E. Wemp. 2,345,846; Apr. 4.
Axle, Dual drive. A. K. Brumbaugh. 2,347,987; May 2.
Axle, Dual powered. P. Schon. 2,351,234; June 13.
Axle for motor vehicles, Rear. F. Fiedler. 2,338,921; Jan. 11.
Axle housings, Forming. W. J. S. Ekins. 2,363,304; Nov. 21.
Axle, Steering drive. H. W. Alden. 2,362,456; Nov. 14.
Axle, Steering drive. H. W. Alden. 2,362,978; Nov. 21.
Axle, Trailer. R. W. Pointer. 2,349,373; May 23.
Axminster loom. W. Y. Robb. 2,356,090; Aug. 15.
Axminster loom tube frames, Manufacture of. S. S. Garrity. 2,359,636; Oct. 3.
Axminster setting frame and process. R. C. Gebert and R. J. Carson, Jr. 2,360,558; Oct. 17.
Azeotropic distillation. E. P. Jensen. 2,360,685; Oct. 17.
Azo compounds. G. F. Frame and C. F. H. Allen. 2,364,355; Dec. 5.
Azo compounds. J. G. McNally and J. B. Dickey. 2,347,704; May 2.
Azo compounds and material colored therewith. J. B. Dickey. 2,338,709; Jan. 11.
Azo compounds and material colored therewith. J. B. Dickey. 2,346,013; Apr. 4.
Azo compounds and material colored therewith. J. B. Dickey. 2,357,317; Sept. 5.
Azo compounds and material colored therewith. J. B. Dickey and J. G. McNally. 2,359,305; Oct. 3.
Azo compounds and material colored therewith. J. G. McNally and J. B. Dickey. 2,338,728; Jan. 11.
Azo compounds and material colored therewith. J. G. McNally and J. B. Dickey. 2,342,678; Feb. 29.

Azo compounds and materials colored therewith. J. B. Dickey and J. G. McNally. 2,341,427; Feb. 8.
Azo derivatives of sulphones and making the same. M. Dohrn and O. Laubereau. 2,351,936; June 20.
Azo dye. G. W. Seymour and V. S. Salvin. 2,339,358; Jan. 18.
Azo dye intermediates. A. R. Murphy. 2,346,599; Apr. 11.
Azo dye intermediates. W. B. Reynolds. 2,346,941; Apr. 18.
Azo dyes. S. S. Rossander. 2,357,977; Sept. 12.
Azo dyes. G. W. Seymour and V. S. Salvin. 2,345,010; Mar. 28.
Azo dyes, Metallizable. O. H. Johnson. 2,346,922; Apr. 18.
Azo dyes on cellulosic fibers, Phthalocyanine. H. Blackshaw and N. H. Haddock. 2,339,740; Jan. 18.
Azo dyestuffs. F. Felix and A. Heckendorn. 2,361,618; Oct. 31.
Azo dyestuffs. F. Felix and R. von Capeller. 2,354,187; July 25.
Azo dyestuffs. E. E. Misslin and R. Thomann. 2,361,642; Oct. 31.
Azo-dyestuffs and their manufacture, Alcohol-soluble. A. Conzetti and E. Lehmann. 2,348,788; May 16.
Azo dyestuffs, Production of. B. v. Bock. 2,349,899; May 30.
Azo dyestuffs, Stabilization of. J. W. Libby, Jr., and J. H. Trepagnier. 2,361,301; Oct. 24.
Azo pigment dyestuff and coating composition. G. M. O'Neal. 2,350,524; June 6.
Azo pigment dyestuffs and coating compositions, Manufacture of. G. M. O'Neal. 2,350,522; June 6.
Azo pigments of the phthalyocyanine series. J. W. Libby, Jr., and H. E. Woodward. 2,363,905; Nov. 28.
Azo pigments of the phthalocyanine series. S. S. Rossander, J. W. Libby, Jr., and H. E. Woodward. 2,363,906; Nov. 28.
Azo-reversal process of color photography. D. W. Woodward. 2,342,620; Feb. 22.
Azo sulphonamide compounds and producing the same. M. Dohrn and P. Diedirch. 2,340,584; Feb. 1.
Azole diazo dye compounds and their manufacture. C. F. H. Allen and G. F. Frame. 2,346,531; Apr. 11.
Baby cover. M. Friedman. 2,345,592; Apr. 4.
Baby walker. G. F. Blake. 2,359,965; Oct. 10.
Baby walker. W. H. Reinholz. 2,352,450; June 27.
Baby walker convertible into high chair. B. Feisher. 2,360,483; Oct. 17.
Back assembly for composite metal and wood chairs. J. S. Burdick. 2,343,494; Mar. 7.
Backboard support for telephone coin collectors. M. L. Sykhart. 2,363,816; Nov. 28.
Back-pressure valve. L. O. Goodwin. 2,354,310; July 25.
Back rest for chairs. F. D. Fields and G. D. Wood. 2,345,926; Apr. 4.
Back rest for chairs. S. J. Murphy. 2,360,788; Oct. 17.
Backup bar. W. H. Stout. 2,365,226; Dec. 19.
Bacteria antigen for the treatment of diphtheria. O. C. Morrison. 2,349,293; May 23.
Bacteria antigen for the treatment of scarlet fever. O. C. Morrison. 2,349,294; May 23.
Badge. S. O. Holland, C. V. Roberts, and S. H. Plexico. 2,348,627; May 9.
Badge. H. A. Sleeper. 2,357,231; Aug. 29.
Badge holding means. E. C. Shaw and W. A. Gross. 2,338,264; Jan. 4.
Badge, Identification. H. W. Draper. 2,349,032; May 16.
Badge, Identification. M. Nedell. 2,341,467; Feb. 8.
Badge mounting. J. de Swart. 2,341,083; Feb. 8.
Baffle for oil burning furnaces. C. N. O'Day. 2,355,923; Aug. 15.
Baffle for oil heaters, Diffusion. O. C. Schauble. 2,363,267; Nov. 21.
Baffle for translating devices, Variable. F. J. Faltico. 2,342,334; Feb. 22.
Baffle wall structure for sheet drying or baking or drying ovens. J. H. O'Neil. 2,362,847; Nov. 14.

Bag: *See*—

Dustproof shoe bag.	Shopper's bag.
Filter bag.	Shopping bag.
Fumigant bag.	Siftproof bag.
Garment bag.	Sleeping bag.
Golf bag.	Utility bag.
Luggage bag.	Vacuum cleaner bag.
Magnetic bucking bar.	Valve bag.
Paper bag.	Wardrobe bag.
Reinforced garment bag.	Water bag.
Repairing and air bag.	

Bag. F. M. Avery and W. H. Bokenkroger. 2,359,190; Sept. 26.
Bag. W. A. Lurie. 2,355,313; Aug. 8.
Bag. A. Rambold. Re. 22,490; May 30.
Bag. W. D. Stohlman and T. H. Ashton. 2,349,206; May 16.
Bag. H. F. Waters. 2,353,605; July 11.
Bag and constructing the same, Ventilated shopping. M. Kats. 2,363,971; Nov. 28.
Bag and making same. K. R. Karlson. 2,353,311; July 11.
Bag and making same, Sealed. V. A. von Hasse. 2,339,304; Jan. 18.
Bag and making the same. H. Rohdin. 2,350,132; May 30.
Bag-closing device. M. A. Nicolas. 2,350,694; June 6.
Bag closing machine. D. Belcher and F. R. Linda. 2,362,462; Nov. 14.
Bag closure. E. Arens. 2,363,926; Nov. 28.
Bag closure. P. S. Coghill. 2,349,247; May 23.
Bag closure. M. A. Nicolas. 2,343,571; Mar. 7.
Bag closure. W. H. Norseen. 2,349,369; May 23.
Bag-expanding means. R. P. Allen. 2,342,324; Feb. 22.
Bag feeder, Automatic. H. G. Allen. Re. 22,434; Feb. 15.
Bag feeding and packaging machine. D. Belcher, E. D. Munson, and H. V. Kindseth. 2,343,879; Mar. 14.
Bag feeding machine. H. G. Tilen. 2,350,666; June 6.
Bag filling apparatus with gravity discharge. W. R. Peterson. 2,339,942; Jan. 25.
Bag-filling apparatus with power discharge. W. R. Peterson. 2,350,529; June 6.
Bag filling, closing, and sealing machine. H. G. Allen and W. O. Sims. 2,360,635; Oct. 17.
Bag filling machine. H. G. Allen and K. C. Saunders. 2,343,439; Mar. 7.
Bag for infusing material. S. R. Howard. 2,364,903; Dec. 12.
Bag-handling machine. W. D. Kimball, M. McFaull, and C. I. Braren. 2,340,883; Feb. 8.
Bag hemming and string-feeding device. R. D. Prophet. 2,343,025; Feb. 29.
Bag making machine. C. F. and I. E. Schultz. 2,346,191; Apr. 11.
Bag making machine and method. R. J. Gaubert. 2,347,902; May 2.
Bag making machine and producing bags. J. L. Murray. 2,360,510; Oct. 17.
Bag making machine, Tubular. E. E. West. 2,340,290; Feb. 1.
Bag manufacturing machine. S. J. Duhaime. 2,348,196; May 9.
Bag package making and filling machine, Automatic. M. Allatt. 2,350,333; June 6.
Bag seal. W. M. Brooks. 2,342,244; Feb. 22.
Bag sealing mechanism. M. H. Corley and J. A. Heckman. 2,340,610; Feb. 1.
Bag sorting apparatus. S. Bleichfeld. 2,338,088; Jan. 4.
Bagging mechanism. L. M. Ransbottom. 2,342,369; Feb. 22.
Bags, Making. C. Tessendorf and F. J. Gruper, Jr. 2,364,009; Nov. 28.
Bags, making handled. H. K. Steen. 2,346,710; Apr. 18.
Bags, Making impervious. A. B. Haslacher. 2,353,402; July 11.
Bags, pocketbooks, and the like, Personal insignia for. B. Rolfs. 2,342,494; Feb. 22.
Bags, Sealing the mouths of. S. R. Howard. 2,349,732; May 23.
Bait, Artificial. W. Phillips. 2,347,609; Apr. 25.
Bait box. C. C. Glassman. 2,346,744; Apr. 18.
Bait retainer for animal traps. L. E. Johnson. 2,348,981; May 16.
Bait retriever, Fishing. W. Van Sickle. 2,344,838; Mar. 21.
Bait, Weatherproof snail. J. G. Beekler. 2,363,852; Nov. 28.
Baker's ware by means of the fermentation of yeast dough, Producing. F. von Vidits. 2,352,046; June 20.
Bakery flavoring product and making same. C. G. Harris. 2,357,258; Aug. 29.
Baking method. F. H. Wells. 2,340,354; Feb. 1.
Baking oven. I. Streit. 2,352,135; June 20.
Balance calculator. J. Lundgren. 2,364,026; Nov. 28.
Balance, Sash. R. Berry. 2,353,630; July 18.
Balance testing machine. J. P. Lannen. 2,349,288; May 23.
Balance testing mechanism. R. D. Smith. 2,350,077; May 30.
Balance wheel. W. O. Bennett, Jr. 2,356,911; Aug. 29.
Balanced control for cycle brakes. M. P. Durand. 2,342,795; Feb. 29.
Balanced gate valve. H. Wayer. 2,341,966; Feb. 15.
Balancer. M. Periat. 2,339,718; Jan. 18.
Balancer, Spring. E. W. Stevens. 2,342,020; Feb. 15.
Balancing machine. J. J. Guest. 2,365,070; Dec. 12.
Balancing machine. T. C. Van Degrift. 2,344,753; Mar. 21.
Balancing-machine indicator. I. A. Weaver and C. H. Phelps. 2,349,530; May 23.
Balata and the product thereof, Reclaiming vulcanised. P. J. Dasher. 2,361,015; Oct. 24.
Bale band buckle. J. W. Buckley. 2,361,991; Nov. 7.
Bale buckle reconditioner. P. J. Dorsey. 2,341,428; Feb. 8.
Bale former. J. A. Haase. 2,355,645; Aug. 15.
Bale tie. J. A. Haase. 2,355,644; Aug. 15.
Bale tie. N. R. Krause. 2,356,936; Aug. 29.
Baler. C. R. Clouser. 2,364,518; Dec. 5.
Baler. C. F. Crumb. 2,349,847; May 30.
Baler. J. E. Harmond. 2,339,394; Jan. 18.
Baler. S. D. Russell. 2,362,861; Nov. 14.
Baler press. R. A. Openshaw. 2,342,964; Feb. 29.
Bales. A. N. Weeks. 2,342,565; Feb. 22.
Bales, Preparing. C. Pixzi. 2,338,456; Jan. 4.
Baling press. I. Z. Martin. 2,349,184; May 16.
Baling press. W. A. Pryor and T. R. Harris. 2,355,675; Aug. 15.
Bailing yarn. H. H. Almeroth and F. Richardson. 2,357,864; Sept. 12.

Balking ring clutch. C. D. Peterson and A. H. Delmel. 2,339,512; Jan. 18.
Ball and socket joint assembly. G. E. Barton. 2,363,477; Nov. 28.
Ball bearing. O. V. Mansfield. 2,366,120; Dec. 26.
Ball-bearing construction. E. P. Turner. 2,351,890; June 20.
Ball-bearing puller. A. W. Sauer. 2,352,739; July 4.
Ball, Bowling. H. S. Cahen. 2,347,881; May 2.
Ball centers, Making. E. Hazell. 2,354,017; July 18.
Ball cleaning and polishing machine, Bowling. J. P. Knipp. 2,339,573; Jan. 18.
Ball cock valve. W. J. Buford. 2,341,855; Feb. 15.
Ball core. G. K. Ryan. 2,342,603; Feb. 22.
Ball cores, Making. G. Ryan. 2,363,086; Nov. 21.
Ball, Golf. W. H. Diddel. 2,364,955; Dec. 12.
Ball joint. M. P. Graham and A. Venditty, 2,361,025; Oct. 24.
Ball joint. A. Venditty. 2,350,482; June 6.
Ball mill and drier, Combined. R. C. Newhouse. 2,351,870; June 20.
Ball mill liner. L. A. Fitzgerald. 2,362,811; Nov. 14.
Ball or the like, Bowling. H. W. Hall. 2,362,269; Nov. 7.
Ball, Play. M. Giesinger. 2,362,064; Nov. 7.
Ball seats in steel articles, Method and apparatus for grinding. O. R. Briney, Jr. 2,345,177; Mar. 28.
Balls, Forming metal. G. E. Brenholtz. 2,358,378; Sept. 19.
Balls, Process and apparatus for making. J. B. Dickson and S. Milligan. 2,361,348; Oct. 24.
Balloon, Tubular. E. C. Tuggle. 2,355,610; Aug. 15.
Ballot parts, Voting machine. G. D. Rathbun. 2,364,098; Dec. 5.
Bamboo with synthetic resin, Impregnating. H. D. Shannon. 2,352,740; July 4.
Band for projectiles, Protective. H. M. Dodge. 2,348,675; May 9.
Band for venetian blinds. M. McGrew. 2,357,751; Sept. 5.
Band, Garment supporting. J. F. Hargreaves. 2,343,374; Mar. 7.
Band, Hat. H. Seiden. 2,339,587; Jan. 18.
Band leveling apparatus. E. M. Kratz. 2,355,448; Aug. 8.
Band reel. J. M. Gerrard. 2,347,552; Apr. 25.
Band saw. W. B. and J. E. Bolce. 2,347,764–5; May 2.
Band sealing machine. W. L. Owens. 2,350,473; June 6.
Bandage and making same. A. Fridolph. 2,348,119; May 2.
Bandage, Foot supporting. E. Einstoss. 2,358,966; Sept. 26.
Bandage strips, Method and apparatus for forming. W. D. Young. 2,352,254; June 27.
Bandage, Surgical. G. Bousiane. 2,344,021; Mar. 14.
Bandages and the like, Making. W. D. Young. 2,364,839; Dec. 12.
Banding machine. C. A. Flood. 2,361,470; Oct. 31.
Banding machine. C. J. Keller. 2,339,410; Jan. 18.
Banding machine. E. R. Workman. 2,356,904; Aug. 29.
Bandoleer loading tool. J. A. Cook. 2,356,220; Aug. 22.
Bank and turn indicator. L. Hammond. 2,364,972; Dec. 12.
Bank protection and trap device. J. F. Hundley. 2,345,478; Mar. 28.

Bar: *See*—

Adjustable cutter bar.	Rivet holder or dolly bar.
Backup bar.	Tow bar.
Grate bar.	

Bar construction for traveling grates, Detachable grate. R. L. Beers. 2,363,932; Nov. 28.
Bar conveyer device for extrusion presses. H. Lorant. 2,352,960; July 4.
Bar for bicycles, Folding handle. F. W. Schwinn. 2,366,061; Dec. 26.
Bar for tubular members, Bucking. A. H. Haberstump. 2,360,771; Oct. 17.
Bar grinding apparatus. S. A. Platt. 2,347,503; Apr. 25.
Bar-grinding apparatus. S. A. Platt. 2,347,639; Apr. 25.
Bar soap. H. G. Houlton. 2,358,976; Sept. 26.
Bar soap composition. F. Bornemann and H. Huber. 2,342,786; Feb. 29.
Bar stock feed mechanism for automatic metalworking machines. E. S. Mariotte. 2,339,712; Jan. 18.
Barbecue apparatus. J. Gorman. 2,349,617; May 23.
Barbecue oven, Outdoor or indoor. J. E. Walker. 2,350,948; June 6.
Barge. F. R. Harris. 2,355,973; Aug. 15.
Barge. J. Preuss. 2,346,505; Apr. 11.
Barge and towboat, Submerged. M. Katcher and S. W. Walker. 2,359,366; Oct. 3.
Barge or hull. J. D. Rauch. 2,338,650; Jan. 18.
Barium carbonate and making same, Free-flowing. J. B. Pierce, Jr. 2,339,943; Jan. 25.
Barium di(dihydro abietyl) dithiophosphate and making the same. E. W. Cook and W. D. Thomas, Jr. 2,344,394; Mar. 14.
Barium salts of alkyl phenol sulphides, Preparation of. K. D. Ashley and E. W. Cook. 2,342,099; Feb. 22.
Barium sulphate, Method and apparatus for manufacturing and controlling the grain size of. G. L. Boulet. 2,358,050; Sept. 12.
Barometric controller, Temperature compensated. G. N. Hanson, F. W. Morgenthaler, and E. M. Roeder. 2,358,803; Sept. 26.
Barrel hoop fastener. E. A. Johnson. 2,363,423; Nov. 21.
Barrel mounting. S. G. Green. 2,345,596; Apr. 4.
Barrel or keg. H. D. Penney. 2,341,740; Feb. 15.
Barrel, Plywood. C. U. Gramelspacher. 2,365,754; Dec. 26.
Barrel, Pressure core. B. W. Sewell. 2,343,805; Mar. 7.
Barrel support for automatic firearms. G. Webb. 2,357,776; Sept. 5.
Barrel, Tumbling. L. W. Barnes. 2,353,627; July 18.
Barrels, Manufacturing. W. R. Anderson. 2,353,134; July 11.
Barrier, Firing mechanism. W. E. Thibodeau and G. J. Kessenich. 2,363,562; Nov. 28.
Barrier joint or termination for electric power cables. E. C. Lee. 2,362,963; Nov. 14.
Base blank for dentures. I. J. Dresch. 2,341,604; Feb. 15.
Base block for crucibles or the like. G. T. Hubbell. 2,362,823; Nov. 14.
Base exchange bodies and the preparation of the same. R. McFarland, Jr. 2,361,754; Oct. 31.
Base for electric lamps and similar devices. L. L. Matson. 2,338,865; Jan. 11.
Base for hot water heaters, Supplemental. J. Minar. 2,352,558; June 27.
Base, Mast. H. J. Woolslayer, E. A. Campbell, and C. Jenkins. 2,365,370; Dec. 19.
Base, Plastering. E. Beerthuis. 2,344,279; Mar. 14.
Base, Reciprocable retort. T. G. W. Watson. 2,357,244; Aug. 29.
Base, Shockproof. W. E. Anderson. 2,354,642; Aug. 1.
Bases, Preparation of shiffs. J. R. Vincent. 2,358,893; Sept. 26.
Baseball game and the like. B. Buxbaum. 2,255,905; Aug. 16.
Baseball game device. J. Clark. 2,362,188; Nov. 7.
Baseball score card. P. Silano. 2,359,253; Sept. 26.
Baseballs, Making. G. M. Reymond and G. H. Swart. 2,358,535; Sept. 19.
Baseboard and conduit, Combined. C. E. Barnes. 2,359,505; Oct. 3.
Basic calcium arsenate. G. W. Pearce and A. W. Avens. 2,344,895; Mar. 21.
Basin, Sanitary. R. F. Bracke. 2,358,139; Sept. 12.
Basin, Ship building. R. A. Moncrieff. 2,345,354; May. 28.
Basing electrical devices, Method and apparatus for. C. F. De Bold. 2,342,041; Feb. 15.
Basket. D. A. Larkin. 2,354,867; Aug. 1.
Basket cover. J. W. Trew. 2,349,475; May 23.
Basket liner. H. H. Niederauer. 2,353,183; July 11.
Basket liners, Forming. H. H. Niederauer. 2,353,182; July 11.
Basket structure. J. Geraldo. 2,364,705; Dec. 12.
Basket, Traveling. A. P. Perez. 2,340,766; Feb. 1.
Basting and skewering device, Combination. C. H. Kruea. 2,350,623; June 6.
Bat, Ball. T. M. Taylor and O. Herwick. 2,340,156; Jan. 25.
Batch meter. M. V. Gilson. 2,338,809; Jan. 11.
Batching plant, Concrete. E. Moss. 2,353,487; July 11.
Bath for textile materials, Washing. A. Volz. 2,356,550; Aug. 22.
Bath for the production of colored photographic pictures, Process and treating. B. Gaspar. 2,348,894; May 16. Sept. 12.
Bath, sink, and lavatory fixture. H. F. Beeke and S. A. Young. 2,348,238; May 9.
Bathing appliance, Infant's. C. B. De Puy. 2,358,003; Bathing cap. B. Szekeres. 2,356,126; Aug. 22.
Bathroom cabinet. M. Lumley. 2,346,316; Apr. 11.
Bathroom structure, Combination. L. W. Helmuth. 2,355,615; Aug. 15.
Bathtub. C. J. Rodman. 2,346,942; Apr. 18.
Bathtub, Easy cleaning. G. C. Vieyra. 2,362,950; Nov. 14.
Bath tub structure. F. Landauer. 2,344,990; Mar. 28.
Baton, Luminous. J. C. Haggart, Jr. 2,362,131; Nov. 7.
Baton, Smoke trail. G. A. Healy. 2,361,841; Oct. 31.
Battery box or container. R. E. Tresise and P. D. Kendall. 2,357,274; Aug. 29.
Battery cable connector. J. T. Webb. 2,341,748; Feb. 15.
Battery carrier. G. W. Gobring. 2,344,141; Mar. 14.
Battery cell, Electric. A. Morch. 2,340,765; Feb. 1.
Battery charger. C. E. Peters. 2,354,877; Aug. 1.
Battery charger. E. J. Rueb and J. E. Trulson. 2,354,065; July 18.
Battery charging system. J. Van Vulpen and E. H. Burgess. 2,355,488; Aug. 8.
Battery clip. R. L. Triplett. 2,352,576; June 27.
Battery construction. H. R. C. Anthony and H. G. Friang. 2,355,197; Aug. 8.
Battery depolarizing system. J. E. Willing. 2,355,351; Aug. 8.
Battery, Explosion-proof. H. E. Jensen. 2,341,382; Feb. 8.
Battery filling device. A. H. Mosher and W. G. Youngholm. 2,342,480; Feb. 22.
Battery hanger. H. E. Meyer. 2,352,111; June 20.
Batteryless telephone system. G. E. Atkins. 2,346,548; Apr. 11.

Battery mounting. D. C. Heitshu. 2,360,056; Oct. 10.
Battery plates and making the same, Storage. A. Stewart and E. Willihnganz. 2,365,604; Dec. 19.
Battery separator. G. E. Hulse, Jr. 2,344,614; Mar. 21.
Battery service tool. H. W. Yerian. 2,351,250; June 13.
Battery servicing. R. D. Amsden. 2,347,452; Apr. 25.
Battery terminal. J. Moore and G. B. Kilian. 2,340,011; Jan. 25.
Battery terminal connector. T. O. Williams. 2,357,567; Sept. 5.
Battery testing apparatus. B. F. W. Heyer. Re. 22,470; Apr. 18.
Battle tank. W. M. Sheehan and S. T. Wharton, Jr. 2,361,129; Oct. 24.
Bauxite process and product. J. A. Heany. 2,347,685; May 2.
Beach and bathing garment. M. R. Cobb. 2,341,596; Feb. 15.
Beacon, Barrage. L. C. Porter. 2,361,497; Oct. 31.
Beacon, Marker. A. G. Kandulan. 2,341,558; Feb. 15.
Bead lock. J. E. Hale. 2,354,437; July 25.
Bead machine. S. Schumann. 2,359,798; Oct. 10.
Beads of glass or similar material, Making. P. Synek. 2,348,036; May 2.
Beam and column for use in buildings, Hollow. B. Brunton and R. G. Booth. 2,347,879; May 2.
Beam bending machine. H. E. Neverdal. 2,347,575; Apr. 25.
Beam, Brake. T. H. Parke. 2,348,092; May 2.
Beam clamp. I. Diamond. 2,354,107; July 18.
Beam, Concave reinforced concrete. P. Abeles. Re. 25,569; Nov. 28.
Beam grid structure for ships, airplanes and the like. S. D. Osego. 2,352,296; June 27.
Beaming or warping machine. F. Lambach. 2,342,151; Feb. 22.
Bean cleaner. C. A. Loucks. 2,359,431; Oct. 3.
Bearing: *See*—
Adjustable bearing.
Antifriction bearing.
Ball bearing.
Cooled shaft bearing.
Electric circuit breaker.
High-speed bearing.
Liquid cooled bearing.
Magnetic bearing.
Mono-ball bearing.
Open line shaft bearing.
Part bearing.
Pulley bearing.
Resilient bearing.
Roller bearing.
Self-lubricated bearing.
Separable roller bearing.
Shaft bearing.
Shuttle case bearing.
Side bearing.
Thrust and journal bearing
Thrust ball bearing.
Thrust bearing.
Bearing. C. N. Bebinger. 2,358,310; Sept. 19.
Bearing. H. L. Brownback. 2,357,578; Sept. 5.
Bearing. F. R. Hansel. 2,364,713; Dec. 12.
Bearing. W. C. Hanson. 2,364,290; Dec. 5.
Bearing. F. R. Hensel. 2,341,550; Feb. 15.
Bearing. H. C. Irvin. 2,361,629; Oct. 31.
Bearing. M. Katcher. 2,359,364; Oct. 3.
Bearing. R. Lappert. 2,362,566; Nov. 14.
Bearing. K. T. MacGill. 2,339,645; Jan. 18.
Bearing. D. Murphy. 2,355,390; Aug. 8.
Bearing. J. J. Osplack. 2,352,911; July 4.
Bearing. H. L. Potter. 2,355,818; Aug. 15.
Bearing. J. C. A. Straub. 2,344,275; Mar. 14.
Bearing. H. B. Wessenger. 2,354,724; Aug. 1.
Bearing and making same. G. A. Zink. 2,364,503; Dec. 5.
Bearing and protector, Ladle ball. A. Jadach. 2,354,996; Aug. 1.
Bearing arrangement. W. H. Allen. 2,345,564; Apr. 4.
Bearing assembly. J. Boyd and P. R. Eklund. 2,356,027; Aug. 15.
Bearing construction. L. D. Grenot. 2,357,106; Aug. 29.
Bearing construction. P. M. Sampatacos. 2,348,928; May 16.
Bearing construction. F. T. Smith. 2,345,952; Apr. 4.
Bearing device. E. W. Reynolds. 2,365,840; Dec. 26.
Bearing element, Electroplated. C. Schim. 2,352,346; June 27.
Bearing for concrete mixers, Protected internal. J. R. Williams. 2,348,945; May 16.
Bearing for paper drier cylinders. J. W. Smith. 2,345,508; Mar. 28.
Bearing for rock bits. E. L. Miller and R. W. Brown. 2,351,357; June 13.
Bearing for rolling mills, mixers, and calenders. J. Brown. 2,345,321; Mar. 28.
Bearing for rope stranding machines. L. C. Peskin. 2,363,260; Nov. 21.
Bearing for sliding doors or the like. N. D. Thompson. 2,353,976; July 18.
Bearing for well drilling units, Ball thrust. L. Yost. 2,348,046; May 2.
Bearing knockout tool. H. J. Engh. 2,339,258; Jan. 18.
Bearing lubricating means. A. B. Lakey. 2,357,410; Sept. 5.
Bearing lubrication. M. H. Arms. 2,349,690; May 23.
Bearing mask structure. J. E. Duggan. 2,363,660; Nov. 28.
Bearing material and bearing. R. W. Auxier. 2,338,480; Jan. 4.
Bearing member and making the same. G. A. Rives. 2,341,293; Feb. 8.
Bearing mounting. E. F. Martinec. 2,357,597; Sept. 5.
Bearing mounting. R. H. Valentine. 2,353,529; July 11.
Bearing puller. J. L. McGinnis and K. A. Honroth. 2,360,781; Oct. 17.
Bearing sleeve for rotary spindles in machine tools. R. Wölfle. 2,356,641; Aug. 22.
Bearing support. H. O. Short. 2,362,938; Nov. 14.
Bearing surface and producing the same, Pretreated. G. L. Neely, B. B. Farrington and V. N. Borsoff. 2,343,569; Mar. 7.
Bearings for rolling mills, mixers, and calenders. J. Brown. 2,355,507; Aug. 8.
Bearings, Forming. J. A. Lignian. 2,338,858; Jan. 11.
Bearings, Making. R. R. Machlett. 2,354,763; Aug. 1.
Bearings, Making. S. C. Scully and F. H. Delahunty. 2,340,902; Feb. 8.
Bearings, Making porous metal. R. P. Koehring. 2,365,562; Dec. 19.
Beater and pulp selector, Continuous. H. D. Wells. 2,351,728; June 20.
Beater, Marshmallow. J. W. Greer. 2,354,516; July 25.
Beating engine. A. Aeldert. 2,356,555; Aug. 22.
Beauty parlor chair. I. N. Duncan and R. C. Duncan. 2,339,159; Jan. 11.
Beauty parlor stand. T. L. Parham. 2,353,064; July 4.
Bed. R. B. Bukolt. 2,346,289; Apr. 11.
Bed, Adjustable. H. S. Hollnagel. 2,339,075; Jan. 11.
Bed chest. W. A. Irick. 2,356,321; Aug. 22.
Bed, Collapsible baby. T. W. Schettler, Jr. 2,345,295; Mar. 28.
Bed, Convertible studio. W. P. Margulies. 2,352,961; July 4.
Bed, Cooling. E. W. Mikaelson. 2,341,642; Feb. 15.
Bed, Couch. M. Gursky. 2,361,475; Oct. 31.
Bed cover support. F. W. Coffing. 2,356,219; Aug. 22.
Bed davenport. H. W. Aronson. 2,341,307; Feb. 8.
Bed for glass sheets, Supporting. E. L. Walters. 2,363,631; Nov. 28.
Bed, Invalid. A. Dishmaker. 2,360,404; Oct. 17.
Bed lift. J. O. Chambers. 2,351,106; June 13.
Bed lifter. E. D. Hallinan. 2,361,197; Oct. 24.
Bed motion mechanism. H. E. Golber. 2,356,156; Aug. 22.
Bed pan cover. L. J. Kiser. 2,353,245; July 11.
Bed, Sofa. R. A. Burton. 2,343,642; Mar. 7.
Bed, Sofa. M. Fox. 2,352,375; June 27.
Bed, Sofa. E. E. Woller. 2,352,989; July 4.
Bed, Sofa. E. E. Woller. 2,353,329; July 11.
Bed, Two-decker. E. F. Kurth and E. L. Briggs. 2,363,599; Nov. 28.
Bedspring. A. Mouw. 2,360,966; Oct. 24.
Bee comb foundation. H. C. Dadant and R. A. Grout. 2,338,411; Jan. 4.
Bee harvester. B. E. Kiest. 2,358,400; Sept. 19.
Beehive. K. Hawkins. 2,340,219; Jan. 25.
Beehive mover. C. Williams. 2,358,431; Sept. 19.
Beer, ale, or near-beer, Brewing. B. Stein. 2,354,092; July 18.
Beet drill and seed mill. J. L. Braden. 2,358,208; Sept. 12.
Beet lifting and topping element. C. A. Laucks and L. K. Schmidt. 2,350,173; May 30.
Beet loading apparatus. J. I. Roberson. 2,357,549; Sept. 5.
Beet thinner. G. A. Schiel and G. P. Beren. 2,363,268; Nov. 21.
Beet topper. W. W. Allen. 2,340,919; Feb. 8.
Beetle trap. W. Martin. 2,345,408; Mar. 28.
Beheading machine, Fish. A. L. Christiansen. 2,355,509; Aug. 8.
Bell hoist. A. E. Handy and V. Bertelsen. 2,341,772; Feb. 15.
Bellows, Flexible. J. F. Joy. 2,341,556; Feb. 15.
Bellows for valve structures. G. T. Downey. 2,365,063; Dec. 12.
Bellows or tubing structure. D. W. Fentress. 2,365,181; Dec. 19.
Bellows type pump. E. R. Gill, Sr. 2,363,410; Nov. 21.
Belt: *See*—
Power transmission belt.
Belt. L. O. Grice. 2,349,264; May 23.
Belt. V. G. Reiling. 2,347,798; May 2.
Belt. D. M. Wirth. 2,365,316; Dec. 19.
Belt adjuster. E. C. Jarrett. 2,341,992; Feb. 15.
Belt and blank for the same, Cut tooth power transmission. R. Y. Case. 2,348,522; May 9.
Belt, Apparel. H. S. Frank. 2,341,371; Feb. 8.
Belt, Body. F. Tarbox. 2,362,732; Nov. 14.
Belt, Cartridge. J. Vesely. 2,365,028; Dec. 12.
Belt, Driving. A. F. Shields. 2,353,595; July 11.
Belt fastening means. H. O. Murphey. 2,342,210; Feb. 22.
Belt for automatic guns or machine guns, Cartridge. P. R. Higson. 2,352,954; July 4.
Belt for machine guns, Ammunition. C. G. Trimbach. 2,356,725; Aug. 22.
Belt for sanding steel, Abrasive. L. A. Hatch and J. E. Clarke. 2,357,823; Sept. 12.
Belt, Garment. J. M. Donovan. 2,345,242; Mar. 28.
Belt, Garter. A. G. Cusick. 2,365,456; Dec. 19.
Belt idler, Self-lubricating. A. W. Lemmon and E. E. Landahl. 2,362,644; Nov. 14.
Belt, Money. H. Steiser. 2,351,158; June 13.
Belt, Obstetrical. L. S. McNees. 2,355,740; Aug. 15.
Belt, Parachute. G. Dreyfus. 2,351,938; June 20.

Belt-pinning machine. L. E. Whittaker. 2,356,291; Aug. 22.
Belt rack. A. R. Brothers. 2,366,085; Dec. 26.
Belt, Safety. A. D. De Shano. 2,344,031; Mar. 14.
Belt sizing composition and method. O. F. Goepfert. 2,346,674; Apr. 18.
Belt splice cutting machine. A. J. Bray. 2,342,835; Feb. 29.
Belt wrapper. F. J. Wood. 2,357,157; Aug. 29.
Belting. G. A. Schieren, Jr. 2,355,113; Aug. 8.
Belting, Forming. J. E. and R. Foerch. 2,342,261; Feb. 22.
Belts, Making. N. J. Ritzert.. 2,354,062; July 18.
Belts, Making. E. H. Kremer and H. W. Kenney. 2,358,249; Aug. 22.
Bench clamp. C. H. Schueler. 2,344,064; Mar. 14.
Bendable fastener. R. C. Potts. 2,352,407; June 27.
Bending and beveling machine. R. Selfried. 2,357,027; Aug. 29.
Bending and shaping apparatus. A. G. Frazer-Nash and G. K. Hills. 2,342,534; Feb. 22.
Bending apparatus. R. D. Smith. 2,348,697; May 9.
Bending brake. L. L. Babcock and J. O. Bishop. 2,343,441; Mar. 7.
Bending machine. W. E. Kane. 2,365,882; Dec. 26.
Bending machine. P. F. Maize. 2,342,745; Feb. 29.
Bending machine. L. Yost. 2,354,566; July 25.
Bending machine, Book-cover. W. B. Hildmann. 2,364,142; Dec. 5.
Beneficiation of feldspathic and similar ores. W. G. Hubler. 2,352,324; June 27.
Beneficiation of vanadium compounds. F. F. Frick. 2,357,466; Sept. 5.
Bent tubes, Production of. D. B. Nivison. 2,357,605; Sept. 5.
Benzalmalononitrile as a pest-control agent. W. Moore. 2,347,573; Apr. 25.
Benzene fractions, Azeotropic distillation of. R. B. Greenburg. 2,352,534; June 27.
Benzoic acid vinyl ester, Manufacture of. H. Fischer and A. Freytag. 2,339,066; Jan. 11.
Benzotetronic acid, Preparation of. R. S. Shelton and M. G. Van Campen, Jr. 2,349,765; May 23.
Benzyl ether of dextran, Soluble. G. L. Stahly and W. W. Carlson. 2,344,180; Mar. 14.
Berry picking machine. R. W. Case. 2,355,273; Aug. 8.
Berth. J. K. Tully, L. Andersen and B. E. Jones. 2,358,546; Sept. 19.
Berth assembly for vehicles. W. de Fries. 2,357,729; Sept. 5.
Berth section arrangement, Auxiliary. J. K. Tully and B. E. Jones. 2,346,878; Apr. 18.
Beryllium compounds starting from ores containing beryllium, Obtaining soluble. C. Adamoli. 2,344,480; Mar. 14.
Bessemer converter blow control method. J. W. Percy. 2,354,400; July 25.
Beta-alkoxy monocarboxylic acids, Preparation of. F. E. Küng. 2,352,641; July 4.
Beta-aminoalkyl acetals. M. Senkus. 2,363,464; Nov. 21.
β-cyanoethylated aryl ω-methyl sulphonamides. H. A. Bruson and T. W. Riener. 2,349,405; May 23.
β-Norborneol and its ether, Preparing. H. A. Bruson. 2,345,573; Apr. 4.
Beta-(1-naphthoyl) propionic acid. J. F. Lontz. 2,339,789; Jan. 25.
β-Substituted-Δ$^{\alpha,\beta}$-γ-butyrolactones and β-substituted-β-hydroxy-γ-butyrolactones and preparing them. R. C. Elderfield. 2,359,096; Sept. 26.
β-Substituted-Δ$^{\alpha,\beta}$-γ-butyrolactones and β-substituted-β-hydroxy-γ-butyrolactones and the methods of preparing them. R. C. Elderfield and M. Rubin. 2,359,208; Sept. 26.
β-substituted-Δ$^{\alpha,\beta}$-γ-butyrolactones and preparing them. R. C. Elderfield and M. Rubin. 2,356,153; Aug. 22.
B-thio-ethylamines, Preparing. M. T. Bogert and E. J. Mills, Jr. 2,358,786; Sept. 26.
β-(2,5-dimethoxyphenyl)-β-hydroxyisopropylamine. R. Baltzly, E. J. de Beer, and J. S. Buck. 2,359,707; Oct. 3
Bevel angle indicator. E. L. Reed. 2,361,565; Oct. 31.
Bevel gears, Production of. F. V. Elbertz. 2,342,129; Feb. 22.
Beverage brewing apparatus. M. K. Grey. 2,354,008; July 18.
Beverage concentrate. B. Salkin. 2,340,989; Feb. 8.
Beverage container. H. C. Turnau. 2,343,717; Mar. 7.
Beverage cooler. F. L. Robison. 2,360,073–4; Oct. 10.
Beverage cooling apparatus. J. Wyllie, Jr. 2,339,229; Jan. 11.
Beverage dispensing apparatus. L. C. Smith. 2,362,104; Nov. 7.
Beverage dispensing apparatus. C. W. Strong. 2,345,840; Apr. 4.
Beverage draught apparatus. R. A. Riesgo. 2,347,123; Apr. 18.
Beverage handling and dispensing apparatus. W. R. Kromer. 2,339,082; Jan. 11.
Beverage-making equipment. R. G. Bright. 2,360,194; Oct. 10.
Beverage mixing assembly, Refrigerated. W. E. Richmond. 2,353,080; July 4.
Beverage preparation. M. Weisberg and L. Corman. 2,338,608; Jan. 4.
Beverage production. A. A. and H. W. Peters. 2,346,389 Apr. 11.
Beverages, Cooling and icing. H. F. Zoller and E. C. Geistert. 2,358,756; Sept. 19.
Bias control, Automatic. L. Walsh. 2,361,889; Oct. 31.
Bias-cut fabric assembly for tire manufacture. J. C. Carlin. 2,340,040; Jan. 25.
Bias-cutting machine. E. B. Case. 2,352,937; July 4.
Bias fabric, Making. P. Gardner. 2,350,027; May 30.
Bib positioning means. B. M. Risser. 2,344,169; Mar. 14.
Bicycle. A. C. Johnston. 2,354,125; July 18.
Bicycle. I. Weisberger. 2,344,757; Mar. 21.
Bicycle container. L. W. Reaume. 2,339,947; Jan. 25.
Bicycle crank hammer assembly. H. L. Kraeft. 2,350,468; June 6.
Bicycle frame. C. L. Dewey. 2,353,712; July 18.
Bicycle parking rack. D. J. Coughlin. 2,357,504; Sept. 5.
Bicycle propulsion mechanism. C. D. Walter. 2,352,672; July 4.
Bicycle reflecting element. H. S. Fike. 2,344,542; Mar. 21.
Bicycle stop-light switch. G. L. Waugh. 2,358,751; Sept. 19.
Bicycle trailer hitch. L. H. Cusack. 2,339,155; Jan. 11.
Bidet. M. R. Popil. 2,344,561; Mar. 21.
Bile pigments, Recovering. J. D. Porsche and R. H. Sifferd. 2,363,471; Nov. 21.
Bilge pump. S. B. Aaron. 2,343,269; Mar. 7.
Bilge pump operating means. F. Perkins. 2,353,069; July 4.
Billbook. H. O. McCracken. 2,361,223; Oct. 24.
Billfold. L. L. Gardner. 2,344,694; Mar. 21.
Billfold. L. L. Gardner. 2,350,503; June 6.
Billfold and coin purse, Combined. L. L. Sherwood. 2,347,338; Apr. 25.
Bill folder or the like. H. M. Herbener. 2,358,008; Sept. 12.
Billing system, Automatic. C. L. Goodrum, E. E. Hinrichsen, and L. Keller. 2,338,636; Jan. 4.
Billet bar breaker. L. Layton. 2,254,323; July 25.
Billet centering apparatus. R. E. Dewey. 2,341,602; Feb. 15.
Billet scarfing apparatus. J. L. Anderson. 2,351,653; June 20.
Billets, Making composite. C. W. Holmquist. 2,343,771; Mar. 7.
Billets, Manufacturing. E. E. Moore. 2,345,412; Mar. 28
Bin, Grain. R. W. McLaughlin, Jr. 2,365,891; Dec. 26.
Bin level indicator. J. A. Crowley, Jr., and E. L. Sinclair. 2,352,080; June 20.
Binaural translating system. G. M. Nixon. 2,343,471; Mar. 7.
Binder. H. Thomsen. 2,365,607; Dec. 19.
Binder and clip, Combination. E. E. Ward. 2,363,761; Nov. 28.
Binder attachment for sewing machines. J. E. Ackerman. 2,347,145; Apr. 18.
Binder feeding attachments for mixing machines. E. G. Berg and M. Overstrud. 2,348,880; May 16.
Binder for shoe uppers. J. M. Pero and N. Daniels. 2,350,185; May 30.
Binder, Grain. E. F. Huddle. 2,362,697; Nov. 14.
Binder, Loose-leaf. H. Auburn. 2,338,891; Jan. 11.
Binder, Loose leaf. C. T. Cadwallader. 2,364,890; Dec. 12.
Binder, Loose-leaf. L. Lichtenstein. 2,364,859; Dec. 12.
Binder, Looseleaf. A. G. Lotter. 2,355,223; Aug. 8.
Binder, Loose-leaf. A. M. Martin. 2,365,643; Dec. 19.
Binder of tapes with buttonholes, Combination. A. L. Freedman. 2,343,142; Feb. 29.
Binder, Plastic loose-leaf. C. E. Emmer. 2,363,848; Nov. 28.
Binder, Visible record loose-leaf. A. G. Lotter. 2,352,486; June 27.
Binding agents for linoleum, mastic tile, etc. A. B. Miller. 2,357,016; Aug. 29.
Binding device. J. R. Burns. 2,358,622; Sept. 19.
Binding device. H. Elnzig. 2,349,947; May 30.
Binding device. H. Elnzig. 2,355,037; Aug. 1.
Binding device and material therefor. F. W. Humphner. 2,356,059; Aug. 15.
Binding device for making garlands and the like. J. Kinkel. 2,343,190; Feb. 29.
Biological treatment of sewage, trade wastes, and the like. W. Gavett. 2,360,769; Oct. 17.
Biologically active and other substances, Preservation of. C. H. Barr. 2,340,102; Jan. 25.
Biologically active substances, Preservation of. C. H. Barr. 2,353,985; July 18.
Biotin, Recovering. A. I. Schivek. 2,359,443; Oct. 3.
Bird feeder. D. B. Hyde. 2,349,868; May 30.
Bird feeder. P. Pueschel. 2,344,367; Mar. 14.
Bird or shuttlecock. P. C. P. Booty. 2,359,726; Oct. 3.
Biscuits or like articles, Transporting. R. F. Macfarlane and C. Dumbleton. 2,355,879; Aug. 15.
Biscuits or other sweetmeats to chocolate enrobing machines and the like, Feeding of. A. A. Tunley. 2,363,211; Nov. 21.
Bismuth-containing derivative of trihydroxy glutaric acid, and making it. A. L. Haylor and K. W. Wallen. 2,351,161; June 13.

Bismuth, Purifying. L. J. B. Guyard. 2,342,733; Feb. 29.
Bis-(2,4-dialkylphenol)-4-alkyl phenol sulphides and salts thereof. E. W. Cook and W. D. Thomas, Jr. 2,346,826. Apr. 18.
Bit: *See*—
Auger bit.
Deflecting drill bit.
Drill bit.
Drilling bit.
Earth boring rock bit.
Hollow throat saw bit.
Mooring bit.
Oil well drill bit.
Retractible hard formation bit.
Rock bit.
Rotary drill bit.
Scratch bit.
Bit and holder therefor, Cutter. F. L. Fulke. Re. 22,541; Sept. 5.
Bit, Drag. J. C. Fortune. 2,342,931; Feb 29.
Bit former. H. E. McKeen. 2,344,361; Mar. 14.
Bit, Horse's. R. A. Carson. 2,355,704; Aug. 15.
Bitumen and ink made therefrom. W. L. Jones. 2,349,970; Apr. 18.
Bituminous emulsion, Stabilised. A. C. Barwell. 2,340,449. Feb. 1.
Bituminous pavements and paving compositions, Manufacture of. F. B. McGrane. 2,349,446; May 23.
Bituminous paving compositions and pavements, Making. F. B. McGrane. 2,349,445; May 23.
Bituminous substances, Treating. K. Mauch and O. Paser. 2,348,832; May 16.
Bituminous waterproofing material. C. M. Baskin. 2,343,735; Mar. 7.
Black board eraser cleaner. E. K. Ritter. 2,360,300; Oct. 10.
Black liquor concentration. W. L. Savell. 2,343,085; Feb. 29.
Black-out device. S. J. Bates. 2,352,609; July 4.
Black-out device. J. E. Johnson. 2,350,617; June 6.
Black-out lamp. C. E. Mappes and W. C. Wootton. 2,354,394; July 25.
Black-out lamp. W. Trautner. 2,352,459; June 27.
Black-out means. T. T. Tucker. 2,354,489; July 25.
Black-out port ventilator. D. E. Dodgson. 2,348,886; May 16.
Black-out switch. J. J. Donovan. 2,365,530; Dec. 19.
Blade. M. G. Boerger. 2,357,628; Sept. 5.
Blade and shroud structure. H. P. Dahlstrand. 2,350,125; May 30.
Blade attachment for elevating graders, Vertical. B. V. Reany. 2,356,979; Aug. 29.
Blade container. E. A. Locke, Jr. 2,361,852; Oct. 31.
Blade, Cultivator. B. F. Gravely. 2,364,208; Dec. 5.
Blade, Cutting-off. J. M. Luers. 2,344,442; Mar. 14.
Blade holder. P. A. McCaskey. 2,350,121; May 30.
Blade holder. E. Merkl. 2,351,442; June 13.
Blade magazine. J. R. Reyburn. 2,355,181; Aug. 8.
Blade magazine and package. M. Hollis. 2,339,480; Jan. 18.
Blade magazine holder, Unitary. S. H. Benjamin. 2,344,962; Mar. 28.
Blade motion for rotary folding mechanisms, Tucker. A. J. Carpenter, Jr. 2,348,605; May 9.
Blade oiling device for stereotype plate shaving machines. L. W. Leonard. 2,341,927; Feb. 15.
Blade, Propeller. R. H. Hasler. 2,364,635; Dec. 12.
Blade, Propeller. E. Martin. 2,340,133; Jan. 25.
Blade, Protected open-end. H. A. Gustafson. 2,352,785; July 4.
Blade shrouding. R. C. Allen. 2,366,142; Dec. 26.
Blade shrouding. H. P. Dahlstrand. 2,350,309–10; May 30.
Blade wheel. H. C. Swift. 2,357,618; Sept. 5.
Blade, Windshield wiper. E. C. Horton. 2,343,843; Mar. 7.
Blade, Windshield wiper. P. J. Spinelli. 2,340,435; Feb. 1.
Bladed disk for radial flow rotary machines. U. Meininghaus. 2,344,099; Mar. 14.
Blades, Gauge for setting the pitch of propeller. H. H. Roby. 2,348,095; May 2.
Blades, Making doctor. A. E. Lundbye. 2,361,554; Oct. 31.
Blades, Manufacturing open-end. J. Muros. 2,364,235; Dec. 5.
Blank, Binding. P. Hartmann. 2,352,196; June 27.
Blank creasing and slotting machine. H. W. Bruker. 2,364,342; Dec. 5.
Blank forging machine. R. G. Le Tourneau. 2,339,019; Jan. 11.
Blank-handling apparatus. L. B. Berg and F. A. Stuhlman. 2,349,606; May 23.
Blank holder and die cushion cylinder having separate adjustable pressures. W. Ernst. 2,350,884; June 6.
Blank-holder press. J. A. Muller. 2,354,041; July 18.
Blank shaping fixture. C. E. Archer. 2,352,608; July 4.
Blanking and punching apparatus. G. F. Wales. 2,364,574; Dec. 5.
Blanks for producing containers such as metallic cartridge cases or the like, Preparing. W. R. Clark. 2,343,253; Mar. 7.
Blanket. G. Berg. 2,357,164; Aug. 29.
Blanket and fabric for like uses, Sleeping. S. E. Staines. 2,359,591; Oct. 3.
Blanket, Fire extinguishing. R. A. Doyle. 2,340,370; Feb. 1.
Blanket, Insulating. W. B. Byers. 2,342,839; Feb. 29.
Blast cleaning device. J. G. Boyd and C. M. Hane. 2,358,557; Sept. 19.
Blast furnace. R. M. Gibson. 2,338,175; Jan. 4.
Blasting apparatus, Shot. W. J. Learmonth. 2,338,501; Jan. 4.
Blasting cap. R. W. Lawrence. 2,363,254; Nov. 21.
Blasting cartridge. R. Goulet. 2,361,622; Oct. 31.
Blasting explosive. R. W. Cairns. 2,355,269; Aug. 8.
Blasting machine. J. E. Foster. 2,344,544; Mar. 21.
Blasting machine. J. E. Foster. 2,358,322; Sept. 19.
Blasting machine, Centrifugal. R. E. Peterson. 2,363,437; Nov. 21.
Bleacher, Portable. A. Pinson and C. V. Mayer. 2,343,832; Mar. 7.
Bleaching process. C. G. Ferrari and W. S. Hutchinson. 2,342,076; Feb. 15.
Bleaching process and composition. R. R. Oliver. 2,359,782; Oct. 10.
Bleaching process, Groundwood. P. S. Brallier and E. S. Nowicke. 2,359,891; Oct. 10.
Bleaching process, Multiple flour. C. G. Ferrari and W. S. Hutchinson. 2,351,609; June 20.
Blind and curtain support, Combination. R. E. McDonald. 2,356,415; Aug. 22.
Blind for automobile windows. M. A. Stamfield. 2,349,470; May 23.
Blind, Line. D. E. Perry. 2,354,967; Aug. 1.
Blind slat stock, Forming window. P. R. Oftedal and O. Christensen. 2,346,980; Apr. 18.
Blind, Venetian. A. F. Christiani. 2,365,248; Dec. 19.
Blind, Venetian. R. B. Evans. 2,354,803; Aug. 1.
Blind, Window. J. M. Novoa. 2,344,196; Mar. 14.
Blind, Window. W. E. Sarran and R. E. Metsger. 2,339,113; Jan. 11.
Block: *See*—
Building block.
Cap cleaning and stretching block.
Collapsible crown block.
Conduit supporting and bonding block.
Conduit supporting block.
Crown block.
Fire pot block.
Insulating block.
Mooring block.
Paving block.
Pulley block.
Removable tread block.
Rubber insert paving block.
Shrinking dolly block.
Take-up block.
Telephone cord connecting block.
Threading block.
Tool post turret block.
Track block.
Wire drawing block.
Block and manufacture, Construction. H. H. Blau. 2,355,262; Aug. 8.
Block-bottom closure for multiple paper bags or sacks. F. G. Robinson. 2,360,720; Oct. 17.
Block for boring bars, Blade holding. C. E. Murray. 2,349,189; May 16.
Block for watt-hour meters, Terminal. J. H. Reynolds and S. S. Green. 2,348,755; May 16.
Block-out mechanism for duplicating machine. R. R. Rockbill. 2,360,015; Oct. 10.
Blocker. J. M. Simpson. 2,351,553; June 13.
Blocker means for coin controlled mechanism. H. L. Neer, C. H. Wasson, and R. L. Neer. 2,347,429; Apr. 25.
Blocking and stretching machine, Hat. L. Meltser. 2,363,982; Nov. 28.
Blocking layer cell unit. C. de Lange and C. L. Boucher. 2,338,907; Jan. 11.
Blood plasma, Apparatus for administering. A. H. Price. 2,362,025; Nov. 7.
Blood, Process and apparatus for treating. A. T. Trimble. 2,357,238; Aug. 29.
Blood-separating machine for serum production. E. E. Mitchum. 2,343,694; Mar. 7.
Blotter, Collapsible cradle. F. Straus. 2,352,034; June 20.
Blotter, Ink. M. Berg. 2,364,773; Dec. 12.
Blotting attachment. W. J. Eldredge. 2,341,367; Feb. 8.
Blowpipe. C. C. Anthes. 2,348,774; May 16.
Blowpipe. S. R. Oldham. 2,348,839; May 16.
Blowpipe apparatus. M. H. Barnes, C. J. Burch, and W. G. Edwards. 2,356,196; Aug. 22.
Blowpipe apparatus. J. H. Buckman. 2,362,535; Nov. 14.
Blowpipe device. H. W. Jones and W. J. Jacobsson. 2,356,197; Aug. 22.
Blowpipe machine. H. W. Jones. 2,365,275; Dec. 19.
Blowpipe machine. A. J. Miller. 2,365,276; Dec. 19.
Blowpipe machine. L. W. Young, T. S. James, and J. H. Rountree. 2,365,235; Dec. 19.
Blower. W. M. Marker and A. G. Orear. 2,349,668; May 23.
Blower. M. Rendelstein. 2,357,279; Aug. 29.
Blower. V. E. Sprouse. 2,350,939; June 6.
Blower. C. E. Swenson. 2,343,714; Mar. 7.
Blower attachment, Grain. J. Holland-Letz. 2,363,589; Nov. 28.
Blower control system. C. F. Codrington. 2,339,150; Jan. 11.
Blower conversion unit. W. D. Evans. 2,358,695; Sept. 19.
Blower, Reversible rotary. F. B. Yingling. 2,355,494; Aug. 8.
Blower, Rotary. S. P. Rose and S. B. Somervell. 2,346,236; Apr. 11.
Blower with spiral casing, Centrifugal. J. Karrer. 2,341,871; Feb. 15.

Blowing machine. F. W. Anderson. 2,355,358; Aug. 8.
Blown fatty materials, Production of. R. E. Porter and J. Wolfson. 2,361,793; Oct. 31.
Blueprint. J. Holden. 2,346,872; Apr. 18.
Blueprint machine. E. L. Davenport. 2,351,251; June 13.
Blueprint sensitizer. C. A. Crowley and G. H. Goodyear. 2,350,991; June 13.
Blueprint washing machine. S. T. Howard. 2,349,823; May 30.
Blueprinting machine. G. Heyman. 2,345,196; Mar. 28.
Board: *See*—
Built-in ironing board.
Composition board.
Draftsman's tracing board.
Electric panel board.
Game board.
Magnetic board.
Paper clip board.
Pay roll board.
Roll-up drawing board.
Spotting board.
Trimming board.
Board finish apparatus. F. A. Irvine. 2,348,817; May 16.
Boat. E. N. Klonaris. 2,348,010; May 2.
Boat. P. A. Lea. 2,338,341; Jan. 4.
Boat. M. Leone. 2,366,035; Dec. 26.
Boat. H. Persson. 2,356,349; Aug. 22.
Boat. N. Troyer. 2,342,707; Feb. 29.
Boat, Collapsible. B. F. Handrup. 2,346,081; Apr. 4.
Boat, Collapsible. W. Schütte. 2,338,976; Jan. 11.
Boat construction. E. H. Ellinghouse. 2,346,959; Apr. 18.
Boat construction. H. C. Hartzog. 2,351,122; June 13.
Boat, Displacement-hydroplane. T. A. E. Lake. 2,344,619; Mar. 21.
Boat-handling gear. S. E. Aaron. 2,339,755; Jan. 25.
Boat, High-speed. V. S. Makaroff. 2,364,541; Dec. 5.
Boat hull. W. J. H. Dyer. 2,353,020; July 4.
Boat hull. C. A. Huard. 2,363,421; Nov. 21.
Boat hull construction and propulsion. W. S. Brian and F. J. Birk. 2,348,106; May 2.
Boat lowering gear. J. B. Hunt. 2,360,819–20; Oct. 17.
Boat operated by motive vehicle. O. H. Miller. 2,365,830; Dec. 26.
Boat, Plywood life. L. S. Baier. 2,352,360; June 27.
Boat propelling and steering apparatus. C. T. Petkoff. 2,359,382; Oct. 3.
Boat, Sectional. O. H. Johnson. 2,339,782; Jan. 25.
Boat, Sectional. W. A. Sawyer. 2,347,510; Apr. 25.
Boat storage system and apparatus. J. S. Crandah. 2,347,396; Apr. 25.
Boat with means for enclosing the propeller when not in use. D. Danielsen. 2,364,426; Dec. 5.
Boats and small craft, Protective springs for. G. P. Lambert. 2,364,081; Dec. 5.
Boats, Control for. C. C. West. 2,344,433; Mar. 14.
Boats, Raising sunken. E. J. Kyne. 2,346,974; Apr. 18.
Bobbin can for weft replenishing looms. R. G. Turner. 2,363,100; Nov. 21.
Bobbin for locksttitching sewing machines. F. Ashworth. 2,340,574; Feb. 1.
Bobbin for winding thread on fish lures. W. L. Perkins. 2,338,353; Jan. 4.
Bobbin form for windings and the like. W. F. Stahl. 2,339,432; Jan. 18.
Bobbin hoisting means of stranding and other machines. J. H. Larmuth. 2,366,145; Dec. 26.
Bobbin-identifying device for winding machines. W. S. Warren and W. V. Jacobson. 2,350,136; May 30.
Bobbin receptacle and support therefor. E. C. Nichols and W. French. 2,350,317; May 30.
Bobbin selector for weft replenishing looms. C. P. Bergstrom. 2,358,905; Sept. 26.
Bobbin selector for weft replenishing looms. V. H. Jenings. 2,363,593; Nov. 28.
Bobbin selector mechanism for weft replenishing looms. V. H. Jennings. 2,364,978; Dec. 12.
Bobbin-spun rayon, Manufacture of. A. L. Jackson. 2,338,720; Jan. 11.
Bobbin stripper. E. A. Terrell. 2,342,909; Feb. 29.
Bobbin transfer mechanism. E. P. Guerin. 2,360,490; Oct. 17.
Bobbin transfer mechanism for looms with stationary magazines. J. Stuer. 2,353,323; July 11.
Bobbin winder, Automatic. G. S. Beckman. 2,361,813; Oct. 31.
Bobbin-winding machine. C. D. Reynolds. 2,350,128; May 30.
Bobbin winding machine. P. W. Senfleben. 2,348,857; May 16.
Bodkin fabricating machine. L. Halper. 2,341,037; Feb. 8.
Body and chassis underframe. J. Ledwinka and J. W. Kelly. 2,357,048; Aug. 29.
Body for garments, One-piece. I. Eisner. 2,339,322; Jan. 18.
Body warmer, Portable. R. B. Reveno. 2,346,998; Apr. 18.
Bogie assembly with trailing axle. W. M. Brown. 2,359,299; Oct. 3.
Bogie suspension. A. C. Barber. 2,342,110; Feb. 22.
Bogie wheel. C. S. Ash. 2,355,941; Aug. 15.
Boiler: *See*—
Locomotive boiler.
Steam boiler.
Waste heat boiler.
Watertube boiler.
Boiler. J. Cook. 2,359,827; Oct. 10.
Boiler. T. E. Phares. 2,339,422; Jan. 18.
Boiler. L. Satchwell. 2,340,431; Feb. 1.
Boiler-absorber assembly. N. Erland af Kleen. 2,338,712; Jan. 11.
Boiler cleaner. W. P. Thomas. 2,351,163; June 13.
Boiler construction. C. C. Cariss. 2,358,626; Sept. 19.
Boiler construction. B. Hayter. 2,342,272; Feb. 22.
Boiler control, Steam heating. T. W. H. Abbott. 2,346,890; Apr. 18.
Boiler-feed system. R. R. Waterman. 2,355,125; Aug. 8.
Boiler feed water control. J. A. Campbell. 2,355,270; Aug. 8.
Boiler feed water control mechanism. H. C. Earle, Jr. 2,348,890; May 16.
Boiler for steam cookers or the like. R. M. and J. K. Wiles. 2,339,212; Jan. 11.
Boiler unit for electric steam radiators. G. F. McIntosh. 2,359,774; Oct. 10.
Boiler water conditioner and blowoff system. L. O. Gunderson and O. W. Carrick. 2,340,468; Feb. 1.
Boilers or the like, Method and apparatus for indicating efficiency of. C. P. Xenis, L. J. Parsons, W. Perine, R. E. King, and H. A. Bauman. 2,341,407; Feb. 8.
Boilers, Reconditioning. F. W. Miller. 2,350,914; June 6.
Bolster. A. H. Oelkers. 2,348,694; May 9.
Bolster center filler, Welded. J. Christiansen. 2,363,397; Nov. 21.
Bolster spring unit. D. F. Sproul. 2,352,030; June 20.
Bolt. G. F. Wales. 2,352,297; June 27.
Bolt, Anchor. T. Noble. 2,351,449; June 13.
Bolt closer for automatic arms. G. Revelli. 2,350,821; June 6.
Bolt mechanism for rifles. J. D. Pedersen. 2,364,548; Dec. 5.
Bolt, Double door. E. O. White. 2,341,004; Feb. 8.
Bolt for railways, Hook. J. H. Shieber. 2,340,624; Feb. 1.
Bolt-holding attachment for pliers. A. G. Hanson. 2,356,400; Aug. 22.
Bolt lock. H. Obenauer. 2,350,633; June 6.
Bolt, Sectional. H. Akin, Sr. 2,355,498; Aug. 8.
Bolt, Self-locking. H. Nagin. 2,361,491; Oct. 31.
Bolt threader. C. H. Ingwer and O. E. Swanson. 2,350,313; May 30.
Bolting apparatus. E. F. Miller. 2,359,046; Sept. 26.
Bolting cloth, grit gauze, and the like, Manufacture of. R. A. McFarlane. 2,360,245; Oct. 10.
Bolting device, Temporary. N. Kasdan. 2,350,685; June 6.
Bolts, Manufacturing waisted. A. P. Newall. 2,341,469; Feb. 8.
Bomb. J. Beblo. 2,359,192; Sept. 26.
Bomb. R. T. Robertson. 2,348,498; May 9.
Bomb aimers, Apparatus for training. A. P. Glenny. 2,345,744; Apr. 4.
Bomb carrier. H. A. Simpson. 2,362,414; Nov. 7.
Bomb carrier and control for the bombs. G. Baxter. 2,342,523; Feb. 22.
Bomb, Cluster. A. N. Braun. 2,348,240; May 9.
Bomb control mechanism. E. Schmued. 2,363,750; Nov. 28.
Bomb, Drop. T. E. Murray and G. H. Phelps. 2,343,074; Feb. 29.
Bomb-handling equipment. C. G. Trimbach. 2,355,341; Aug. 8.
Bomb, Incendiary. E. L. Samann. 2,354,882; Aug. 1.
Bomb, Practice. H. W. Mitchell. 2,354,039; July 18.
Bombproof shelter. Portable safety. I. Zuckermann. 2,347,653; May 2.
Bomb rack. L. J. Eyler and C. C. Pearson. 2,347,896; May 2.
Bomb rack. D. E. Hoffman and G. Throne. 2,365,409; Dec. 19.
Bomb rack. G. H. Leland. 2,346,494; Apr. 11.
Bomb rack for aircraft. J. Hojnowski. 2,342,514; Feb. 22.
Bomb release mechanism. W. Buchal and H. E. Veit. 2,365,049; Dec. 12.
Bomb release system. F. J. Hooven. 2,351,336; June 13.
Bomb releasing rack. R. I. Markey. 2,344,211; Mar. 14.
Bombshells, Making. W. F. Heineman. 2,357,110; Aug. 29.
Bomb sight, Low altitude. W. J. Wagner. 2,354,720; Aug. 1.
Bomb stabilizing means. R. E. Dee. 2,364,197; Dec. 5.
Bomb, Toy. G. L. Frady. 2,344,402; Mar. 14.
Bonded articles, Making ceramic. N. P. Roble. 2,363,146; Nov. 21.
Bonding, Method of. H. F. and J. V. Bauer, and D. M. Hawley. 2,346,644; Apr. 18.
Bonding of methacrylate polymers. R. E. Leary 2,346,036; Apr. 4.
Bonding sheet material. H. Boeddinghaus. 2,364,616; Dec. 12.
Bone conduction receiver. R. W. Carlisle. 2,339,148; Jan. 11.
Bone conduction receiver. H. W. Koren. 2,339,173; Jan. 11.
Bone fractures, External fixation. J. D. Berke. 2,362,741; Nov. 14.
Book and binding same. H. Zaslawsky. 2,343,119; Feb. 29.
Book and binding the same. H. Zaslawsky. 2,343,120; Feb. 29.
Book, Animated. J. Gross. 2,339,634; Jan. 18.

Bookbinder. A. Freundlich. 2,355,214; Aug. 8.
Bookbinder and book employing the same. G. Parmelee. 2,360,972; Oct. 24.
Book, Binding. J. J. Krebbiel. 2,355,737; Aug. 15.
Book construction and bookbinding method. T. C. Ross. 2,348,421; May 9.
Book cover and making the same. R. J. Roberts. 2,335,586; Jan. 18.
Bookkeeping machine. R. Anschutz. 2,347,235; Apr. 25
Book lettering table. L. T. Crigmon. 2,347,886; May 2.
Bookmark. L. A. Hellstern. 2,344,613; Mar. 21.
Bookrack. L. H. Burlin. 2,365,452; Dec. 19.
Bookrack. J. Seiler. 2,364,482; Dec. 5.
Book-sewing machine. H. Sieb. 2,366,064; Dec. 26.
Boomerang, W. B. Bonnifeld. 2,361,988; Nov. 7.
Boost control valve. M. M. Berry. 2,360,542; Oct. 17.
Booster and economizing system for air compressors. V. S. Mararoff. 2,339,086; Jan. 11.
Booster, Diesel starting. J. F. Greathouse. 2,364,356; Dec. 5.
Booster pump impeller construction. T. R. Dinsmore and H. M. Taylor. 2,361,750; Oct. 31.
Booster wind for spring motors. C. L. Tanner. 2,340,105; Jan. 25.
Boot assembly, Loading. C. C. Ottoson. 2,345,990, Apr. 4.
Boot, Cylinder. R. C. Rike. 2,354,831; Aug. 1.
Boot, Hiking. J. A. Crotty. 2,356,490; Aug. 22.
Boots and similar articles of footwear, Making. F. F. Olson. 2,365,103; Dec. 12.
Borehole logging apparatus. G. A. Smith. 2,350,371; June 6.
Bore holes, Determining the volume of the annular space between the casing and wall of. E. P. Halliburton. 2,344,771; Mar. 21.
Bore holes, Method and apparatus for. H. G. Doll. 2,357,178; Aug. 29.
Bore locater for lathes. S. J. Woszczyna. 2,343,164; Feb. 29.
Bore sighting instrument. A. B. Simmons and J. H. Eagle. 2,353,272; July 11.
Boring and cutting tool. L. J. Engel. 2,359,210; Sept. 26.
Boring and grooving attachment. C. W. Lang. 2,350,778; June 6.
Boring and slotting machine, Paper. M. J. Garlick. 2,356,046; Aug. 15.
Boring apparatus, Earth. A. J. Parrish. 2,348,024; May 2.
Boring, drilling, and milling machine, Horizontal type. J. M. Walter. 2,358,896; Sept. 26.
Boring head. N. R. Elliott. 2,349,033; May 16.
Boring machine. H. M. Lucas and H. N. Stephan. 2,350,174; May 30.
Boring machine. A. J. Parrish. 2,338,351; Jan. 4.
Boring machine. J. Sunnen. 2,349,526; May 23.
Boring machine. J. Sunnen. 2,350,081; May 30.
Boring tool adapted for use in turning toolholders. E. A. Inglis. 2,359,350; Oct. 3.
Borings prior to melting, Heating. H. E. Somes. 2,343,336; Mar. 7.
Bottle. G. A. Kanzaki. 2,341,102; Feb. 8.
Bottle. M. S. Weaver. 2,340,353; Feb. 1.
Bottle attempering apparatus for bottle washers. C. L. Trier and J. W. Fogg. 2,359,262; Sept. 26.
Bottle blowing machine. H. P. Cox, Jr. 2,347,181; Apr. 25.
Bottle breaking device, Safety. S. Sacco. 2,342,495; Feb. 22.
Bottle brush spindle. F. E. Fowler. 2,340,215; Jan. 25.
Bottle cap. R. Clark and H. G. Vore. 2,353,879; July 18.
Bottle cap and making the same. R. Sonnenberg. 2,361,507; Oct. 31.
Bottle cap applying device. R. Sonnenberg. 2,349,523; May 23.
Bottle-cap reclaiming machine. O. A. Koehler. 2,349,502; May 23.
Bottle capper. R. Sonnenberg. 2,349,524; May 24.
Bottle capping apparatus. A. J. Marek. 2,364,380; Dec. 5.
Bottle carrier. E. L. Arneson. 2,345,566; Apr. 4.
Bottle carrier. G. S. Beskin. 2,348,187; May 9.
Bottle carrier. E. C. Booth. 2,347,807; May 2.
Bottle carrier. E. Dechar. 2,359,539; Oct. 3.
Bottle carrier. C. L. Gilbert. 2,354,369–70; July 25.
Bottle carrier. C. H. Goodyear. 2,345,746; Apr. 4.
Bottle carrier. W. Haugner. 2,363,180; Nov. 21.
Bottle carrier. E. W. Hutchings. 2,339,168; Jan. 11.
Bottle carrier. E. H. Lupton. 2,351,528; June 13.
Bottle carrier. J. L. Lyons, Jr. 2,339,278; Jan. 18.
Bottle carrier. J. F. Powrr. 2,353,846; July 18.
Bottle carrier. L. Reachi. 2,341,570–1; Feb. 15.
Bottle carrier. W. A. Ringler. 2,352,123; June 20.
Bottle carrier. R. O. Stigler. 2,365,914; Dec. 26.
Bottle carrier and separator therefor. E. W. Hutchings. 2,338,113; Jan. 4.
Bottle carrying conveyer flight. P. C. Read. 2,342,820; Feb. 29.
Bottle carrying conveyer flight. P. C. Read. 2,344,000; Mar. 14.
Bottle carrier, Oone-piece(handled. C. L. Gilbert. 2,362,995; Nov. 21.
Bottle case. D. E. Hardin. 2,339,474; Jan. 18.
Bottle cleaning apparatus. E. R. Becker. 2,347,453; Apr. 25.
Bottle cleaning device. H. G. Volckening. 2,339,123; Jan. 11.
Bottle closure and dispenser, Combined. L. L. Mallard. 2,348,014; May 2.
Bottle closures, Producing. A. J. Marek. 2,365,350; Dec. 19.
Bottle container. G. F. Richter. 2,364,753; Dec. 12.
Bottle crate. D. H. Bitney. 2,355,946; Aug. 15.
Bottle disposal rack. G. F. Albrecht. 2,361,077; Oct. 24.
Bottle filling machines, Washing. A. Konrad. 2,356,857; Aug. 29.
Bottle handling device. W. W. McCulloch. 2,355,004; Aug. 1.
Bottleholder. P. E. Allen. 2,354,568; July 25.
Bottle holder. E. L. Arneson. 2,345,565; Apr. 4.
Bottle holder. E. L. Arneson. 2,345,567–8; Apr. 4.
Bottle holder. W. B. Crane. 2,362,990; Nov. 21.
Bottleholder. C. F. Engert. 2,340,521; Feb. 1.
Bottle holder. M. H. Lichter. 2,344,255; Mar. 14.
Bottleholder. H. K. Powell. 2,364,650–1; Dec. 12.
Bottle hooding machine. N. W. Lyon. 2,339,866; Jan. 25.
Bottle label adhesive. R. C. White. 2,351,309; June 13.
Bottle labeling adhesive. J. F. Corwin and R. C. White. 2,351,109; June 13.
Bottle, Milk. G. D. Adams. 2,344,485; Mar. 21.
Bottle, Nonrefillable. P. R. Lueck. 2,351,138; June 13.
Bottle, Nursing. J. H. Boxley. 2,342,722; Feb. 29.
Bottle, Nursing. H. H. Ganson. 2,365,947; Dec. 26.
Bottle, Nursing. D. G. Paxman. 2,365,585; Dec. 19.
Bottle or the like, Aerating. L. T. Ward. 2,360,603; Oct. 17.
Bottle rack. R. R. Barnes. 2,338,310; Jan. 4.
Bottle, Self-closing. A. S. Odin. 2,362,150; Nov. 7.
Bottle shipping case. C. L. Locke. 2,341,150; Feb. 8.
Bottle stopper. A. Moeller. 2,347,835; May 2.
Bottle transfer for pasteurisers. G. F. Baumann. 2,351,801; June 20.
Bottle-washing machine. P. C. Read. 2,355,239; Aug. 8.
Bottle with temperature indicating means. L. Elsele. 2,346,832; Apr. 18.
Bottle with temperature indicator, Nursing. R. T. Killman. 2,357,477; Sept. 5.
Bottle wrapper. E. C. Potter. 2,342,600; Feb. 22.
Bottled beverages, Dispenser for. E. B. Sackett. 2,346,457; Apr. 11.
Bottom filler for shoes. H. G. Lumbard. 2,350,053; May 30.
Bottom hole regulator. W. St. M. E. Crake. 2,351,322; June 13.
Bow, Archery. E. Sollid. 2,361,068; Oct. 24.
Bowlegged hair fastener. T. C. Van Housen, Jr. 2,352,419; June 27.
Bowl liner for gyratory crushers and means for securing it. O. C. Gruender. 2,341,543; Feb. 15.
Bowl, Serving. R. N. Kircher. 2,349,099; May 16.
Bowl, Toilet. V. A. Hoffmann. 2,341,043; Feb. 8.
Bowl, Ventilated closet. A. W. Thompson and J. B. Armstrong. 2,351,560; June 13.
Bowl, Ventilated closet. H. P. Wheeler. 2,342,714; Feb. 29.
Bowl, Water closet. S. J. Thomas. 2,358,265; Sept. 12.
Bowling alley leveling machine. C. E. Goff. 2,342,267; Feb. 22.
Bowling alley, Portable. W. A. Somerville. 2,353,598; July 11.
Bowling ball. H. B. Shepard. 2,339,954; Jan. 25.
Bowling ball attachment. C. M. MacChesney. 2,345,205; Mar. 28.
Bowling bowl cleaner and guide. C. P. Sheldon. 2,338,547; Jan. 4.
Bowling game. N. Hanley. 2,346,428; Apr. 11.
Bowling pin setting apparatus, Automatic. J. Parra and W. White. 2,341,475; Feb. 8.
Bowling score sheet table. R. J. MacMillan. 2,358,524; Sept. 19.
Box: *See*—
Air raid black-out box.
Antifriction journal box.
Bait box.
Burglar alarm control box.
Cardboard box.
Chick box.
Chick shipping box.
Cigar box.
Collapsible paperboard box.
Cushioned journal box.
Display box.
Double wall folding box.
Electrical outlet box.
Folding box.
Folding food serving box.
Fuel handling pit box.
Hat box.
Junction box.
Lug box.
Luggage box.
Lunch box.
Mail box.
Meter box.
Nonrefillable box.
Octagonal box.
Oil well pump packing box.
Outlet box.
Packing box.
Paper box.
Pill box.
Powder box.
Railway journal box.
Refrigerator box.
Sheet metal tablet box.
Stuffing box.
Telescopic box.
Two compartment box.
Vanity box.
Welding rod box.
Wire bound box.
X box.
Box. E. L. Arneson. 2,361,923; Nov. 7.
Box. H. C. Berry. 2,341,308; Feb. 8.
Box. H. C. Berry. 2,361,079; Oct. 24.

Box. C. A. Gondert. 2,361,937; Nov. 7.
Box. R. N. Houlihan. 2,339,994; Jan. 25.
Box. T. F. Lind. 2,365,887; Dec. 26.
Box. F. C. Shinn. 2,339,656; Jan. 18.
Box. H. D. Tichenor. 2,364,329; Dec. 12.
Box and blank for making same, Folding. I. Dorfman. 2,353,298; July 11.
Box and blank, Lunch. E. B. Whitehead. 2,352,927; July 4.
Box and closure construction. K. K. Newsom. 2,345,000; Mar. 28.
Box and handle therefor. R. A. Bruner. 2,364,690; Dec. 12.
Box and table, Paperhanger's folding. F. E. Edgren. 2,349,148; May 16.
Box, carton, or similar device. M. I. Williamson. 2,345,646; Apr. 4.
Box construction. K. K. Newsom, 2,344,999; Mar. 28.
Box construction, Shuttle. B. W. Brouwer. 2,357,453; Sept. 5.
Box container. O. Larsen. 2,341,514; Feb. 15.
Box-filler construction. N. A. Petter. 2,363,199; Nov. 21.
Box fitting, Outlet. J. Merrell. 2,341,112; Feb. 8.
Box handle construction. J. W. McIlwraith and E. L. Miller. 2,348,628; May 16.
Box holder for electrical outlets. E. L. Snyder. 2,346,402; Apr. 11.
Boxlike metallic structure, Channeled. J. R. Tench. 2,365,850; Dec. 26.
Box loader for cans. J. Albertoli. 2,345,560; Apr. 4.
Box or container. K. T. Buttery. 2,361,597; Oct. 31.
Box or container. R. E. Smith. 2,361,659; Oct. 31.
Box or cover ending machine. W. P. Osgood. 2,341,160; Feb. 8.
Box seal for sand cleaners, Weighted. C. E. Fraser. 2,357,945; Sept. 12.
Box spacer. C. M. Ellis. 2,341,088; Feb. 8.
Box structure. W. Trogman. 2,344,008; Mar. 14.
Box toe for shoes. F. N. La Chapelle. 2,360,951; Oct. 24.
Box top for papermaking machines, Suction. J. Proulx. 2,346,785; Apr. 18.
Box wrapping system. J. S. Stokes. 2,352,665; July 4.
Brace, Bolster center. F. G. Garlock and J. R. Mull. 2,355,524; Aug. 8.
Brace for freight vehicles, Cargo. E. O. Hermann. 2,354,861; Aug. 1.
Brace for stepback mechanisms, Stylus. L. Thompson and R. L. Stone. 2,360,021; Oct. 10.
Bracing device for grain drill hoppers. K. H. Krause. 2,346,436; Apr. 11.
Bracket: *See*—
Adjustable bracket.
Adjustable supporting bracket.
Auto mirror bracket.
Brush-holder bracket.
Clamp and mounting bracket.
Combined curtain, drapery and shade bracket.
Curtain bracket.
Cylinder bracket.
Funnel bracket.
Holding bracket.
Wall bracket.
Bracket. S H. Brooks. 2,342,625; Feb. 29.
Bracket and brush for window shades, Adjustable. G. Ristine. 2,354,832; Aug. 1.
Bracket and lock, Combined scaffold. H. J. Riblet. 2,342,427; Feb. 22.
Bracket for barges and the like, Splashboard. K. F. Braun and G. T. Griffiths. 2,347,876; May 2.
Bracket for canopy supports and canopies, Attaching. V. P. Nelson. 2,357,066; Aug. 29.
Bracket for locomotive steam gauges. H. R. Martin. 2,339,181; Jan. 11.
Bracket support for adjustable and releasable shelving, Shelf. F. Kauts. Re. 22,538; Aug. 29.
Braiding machine. J. Dunn. 2,362,688; Nov. 14.
Braiding, Method of and apparatus for. N. C. Jeckel. 2,354,212; July 25.
Braille type. J. B. Chamberlain. 2,347,138; Apr. 18.
Brain obtention. N. H. Volle. 2,343,250; Mar. 7.
Brake: *See*—
Air brake.
Airplane air brake.
Automatic brake.
Bending brake.
Cam-actuated brake.
Clasp brake.
Disk brake.
Duplex brake.
Electrical motor brake.
Electromagnetic brake.
Electromagnetically actuated brake.
Emergency wheel brake.
Fluid actuated brake.
Fluid brake.
Fluid pressure brake.
Friction brake.
Hydraulic brake.
Hydraulic vehicle brake.
Internal shoe drum brake.
Internally expanding brake.
Motor vehicle brake.
Paper reel brake.
Power brake.
Railroad car hand brake.
Railway brake.
Rotor brake.
Shock wave air brake.
Ski brake.
Slasher brake.
Truck brake.
Variable load brake.
Vehicle brake.
Vehicle wheel brake.
Vehicular brake.
Brake. D. J. Ayers. 2,347,388; Apr. 25.
Brake. W. E. Benn. 2,350,868; June 6.
Brake. R. T. Burnett. 2,355,143; Aug. 8.
Brake. L. C. Daniels. 2,355,425; Aug. 8.
Brake. J. A. Forbes. 2,338,502; Jan. 4.
Brake. J. A. Forbes. 2,347,599; Apr. 25.
Brake. J. A. Forbes. 2,353,720; Aug. 15.
Brake. J. A. Forbes. 2,356,233; Aug. 22.
Brake. J. A. Forbes. 2,356,234; Aug. 22.
Brake. J. A. Forbes. 2,366,093; Dec. 26.
Brake. J. A. Forbes. 2,366,094; Dec. 26.
Brake. F. C. Frank. 2,359,516; Oct. 3.
Brake. P. M. Freer. 2,341,915; Feb. 15.
Brake. P. M. Freer. 2,344,690–1; Mar. 21.
Brake. P. M. Freer. 2,346,480; Apr. 11.
Brake. P. M. Freer. 2,348,534; May 9.
Brake. P. M. Freer. 2,348,893; May 16.
Brake. D. L. Gallup and A. C. Mathieson. 2,340,462; Feb. 1.
Brake. G. R. G. Gates. 2,340,464; Feb. 1.
Brake. R. A. Goepfrich. 2,345,107–8; Mar. 28.
Brake. R. A. Goepfrich. 2,351,952–3; June 20.
Brake. J. G. Hawley. 2,351,041; June 13.
Brake. F. G. Hughes. 2,346,758; Apr. 18.
Brake. E. R. Jacobi. 2,366,111; Dec. 26.
Brake. H. T. Lambert. 2,354,385; July 25.
Brake. J. G. Oetzel. 2,352,218; June 27.
Brake. J. O. Pollack. 2,338,201; Jan. 4.
Brake. W. Stelzer. 2,355,827; Aug. 15.
Brake. K. M. Yost. Re. 22,463; Mar. 28.
Brake actuating system. S. Schnell. 2,345,634; Apr. 4.
Brake actuating system, Combined air and hydraulic pressure. S. Schnell. 2,361,419; Oct. 31.
Brake adjusting means, Automatic. S. Schnell. 2,363,152; Nov. 21.
Brake and clutch operating mechanism. L. R. Williamson. 2,344,526; Mar. 21.
Brake and propulsion control, Vehicle. C. M. Hines. 2,361,099; Oct. 24.
Brake apparatus. C. M. Hines. 2,342,805; Feb. 29.
Brake apparatus. A. B. Kyle. 2,346,539; Apr. 11.
Brake apparatus, Fluid pressure. C. D. Stewart. 2,361,134; Oct. 24.
Brake applying system. G. Keith and A. H. Kirchner. 2,354,687; Aug. 1.
Brake arrangement. W. A. Helsten. 2,359,761; Oct. 10.
Brake arrangement. R. C. Pierce. 2,359,788; Oct. 10.
Brake arrangement. C. E. Tack. 2,343,939–41; Mar. 14.
Brake arrangement. C. E. Tack and W. A. Helsten. 2,360,307; Oct. 10.
Brake arrangement, Hydromatic. A. A. Ashton. 2,339,450; Jan. 18.
Brake arrangement, Hydromatic. S. W. Webster. 2,339,535; Jan. 18.
Brake band structures for winches. R. B. Magee. 2,357,212; Aug. 29.
Brake beam. R. G. Aurien and L. L. Whitney. 2,356,720; Aug. 22.
Brake beam and guide therefor. C. R. Busch. 2,350,671; June 6.
Brake beam balancing device. M. S. Johnson. 2,361,033; Oct. 24.
Brake beam mounting. E. G. Busse. 2,359,353; Oct. 3.
Brake beam mounting. I. J. Spaeth. 2,359,394; Oct. 3.
Brake beam structure. L. Kadar. 2,343,673; Mar. 7.
Brake block assembly. G. J. Hahn and O. Sann. 2,349,859; May 30.
Brake construction. H. T. Lambert. 2,344,933; Mar. 21.
Brake control device. P. L. Crittenden. 2,339,380; Jan. 18.
Brake control means. C. L. Eksergian. 2,365,180; Dec. 19.
Brake control means. C. M. Hines. 2,344,870; Mar. 21.
Brake control mechanism. E. Fowler. 2,363,664; Nov. 28.
Brake control mechanism, Hydraulic. C. L. Green. 2,353,304; July 11.
Brake control system. W. F. Boldt. 2,347,241; Apr. 25.
Brake control system. H. T. Lambert. 2,343,984; Mar. 14.
Brake cooling system. L. Newcomb. 2,362,581; Nov. 14.
Brake cylinder device. C. C. Farmer. 2,344,858; Mar. 21.
Brake cylinder device. K. E. Foutz. 2,355,721; Aug. 15.
Brake device. A. G. Larson. 2,339,415; Jan. 18.
Brake drum. H. J. Horn. 2,349,658; May 23.
Brake drum. J. C. Lewis. 2,360,002; Oct. 10.
Brake drum, Fluid cooled. V. R. Kenney. 2,360,141; Oct. 10.
Brake-drum lathe. H. B. Barrett. 2,357,803; Sept. 12.
Brake for automotive vehicles, Safety. J. La Via. 2,345,203; Mar. 28.
Brake for axminster loom pull-over shafts. N. Fletcher and W. Y. Robb. 2,345,334; Mar. 28.
Brake for axminster loom pull-over shafts. N. Fletcher and W. Y. Robb. 2,364,703; Dec. 12.
Brake for baby carriages, etc. W. C. Troendle. 2,353,325; July 11.
Brake for hoist machinery. A. D. Polson. 2,355,749; Aug. 15.
Brake for trailers and the like. O. E. E. Stromberg. 2,362,324; Nov. 7.
Brake for wheels. F. J. Linke. 2,347,571; Apr. 25.
Brake hanger. D. M. Light. 2,356,724; Aug. 22.
Brake lever. R. A. Sandberg. 2,351,638; June 20.
Brake lining, Composite. D. S. Bruce. 2,355,419; Aug. 8.
Brake lining, Manufacture of. R. A. Goepfrich. 2,342,933; Feb. 29.
Brake mechanism. C. S. Ash. 2,351,180; June 13.
Brake mechanism. E. H. Berno. 2,347,239; Apr. 25.
Brake mechanism. W. A. Eaton. 2,360,659; Oct. 17.

Brake mechanism. C. L. Eksergian. 2,359,094; Sept. 26.
Brake mechanism. C. L. Eksergian and P. W. Gaensale. 2,365,460; Dec. 19.
Brake mechanism. H. F. Kolb. 2,343,510; Mar. 7.
Brake mechanism. J. Ledwinka. 2,342,083; Feb. 15.
Brake mechanism. J. Ledwinka. 2,348,077–8; May 2.
Brake mechanism. J. Ledwinka. 2,351,573; June 13.
Brake mechanism. J. Ledwinka. 2,357,263; Aug. 29.
Brake mechanism. E. G. Mueller. 2,360,967; Oct. 24.
Brake mechanism. G. K. Newell. 2,342,750; Feb. 29.
Brake mechanism. J. H. Peterson. 2,362,303; Nov. 7.
Brake mechanism. R. S. Sanford. 2,362,723; Nov. 14.
Brake operating mechanism. J. G. Ingres. 2,365,471; Dec. 19.
Brake operating mechanism, Hand-wheel. E. E. Van Cleave. Re. 22,427; Jan. 25.
Brake or stop control for decelerating rotating elements. H. Bobst. 2,361,739; Oct. 31.
Brake rigging. M. P. Blomberg. 2,359,081; Sept. 26.
Brake rigging and/or railway car truck. C. R. Busch. 2,340,927–8; Feb. 8.
Brake rigging and/or railway car truck. C. R. Busch. 2,365,744; Dec. 26.
Brake rotor. C. E. Tack. 2,345,016–17; Mar. 28.
Brake shoe. C. A. Sawtelle. 2,348,499; May 9.
Brake shoe adjusting mechanism. S. Schnell. 2,364,664; Dec. 12.
Brake shoe adjusting mechanism, Automatic. S. Schnell. 2,364,058; Dec. 26.
Brake shoe clamping device. S. G. Tilden. 2,358,483; Sept. 19.
Brake shoe grinder. H. Thomason. 2,345,161; Mar. 28.
Brake shoe mounting. S. Schnell. Re. 22,515; July 11.
Brake shoe tool. F. Widoe. 2,360,459; Oct. 17.
Brake signal. O. J. Blomberg and H. A. Bklind. 2,343,394; Mar. 7.
Brake structure. C. Hollerith. 2,350,038; May 30.
Brake support. A. O. Williams. 2,342,992; Feb. 29.
Brake system. E. P. Sexton. 2,344,902; Mar. 21.
Brake system. J. W. Teker. 2,355,454; Aug. 8.
Brake system, Pneumatically assisted hydraulic. J. R. Almond. 2,352,357; June 27.
Brake system, Tractor-trailer. R. R. Gunderson. 2,348,167; May 16.
Brake valve. S. Vorech. 2,355,612; Aug. 15.
Brake, Variable load. C. D. Stewart. 2,342,765; Feb. 29.
Brakes for velocipedes, Making backpedaling. S. B. Karnes, Jr. 2,355,308; Aug. 8.
Brakes on trailer vehicles, Controlling. J. Rodway. 2,362,931; Nov. 14.
Braking and locking mechanism. L. F. Moroney. 2,339,232; Jan. 11.
Braking apparatus. R. B. Pogue and M. N. Trainer. 2,352,222; June 27.
Braking apparatus. M. N. Trainer. 2,352,223; June 27.
Braking device for airplanes. A. D. Hansson. 2,346,255; Apr. 11.
Braking means for roller conveyers. E. R. Muddiman. 2,360,708; Oct. 17.
Braking system. W. F. Boldt. 2,360,843; Oct. 24.
Braking system. S. Schnell. 2,351,153; June 13.
Braking system. H. P. Smith. 2,358,540; Sept. 19.
Braking system for vehicles. F. G. Parnell. 2,343,698; Mar. 7.
Branch valve and drain valve, Combined. F. A. Weber. 2,353,862; July 18.
Brassière. A. S. and V. I. Becker. 2,346,411; Apr. 11.
Brassière. Y. Bujdossy. 2,352,367; June 27.
Brassière. D. I. Cohen. 2,362,974; Nov. 21.
Brassière. M. H. Hatton. 2,364,899; Dec. 12.
Brassière. R. B. Lafon. 2,340,232; Feb. 1.
Brassière. W. Rosenthal. 2,343,476; Mar. 7.
Brassière. A. R. Stacy. 2,352,866; July 4.
Brassière. C. E. Zimmerman and J. F. Skold. 2,345,649; Apr. 4.
Braun tube. M. Messner. 2,356,418; Aug. 22.
Brazing apparatus. L. S. Dewees. 2,345,894; May 16.
Bread crumbs, Producing. G. I. Sipe. 2,350,835; June 6.
Breadmaking. C. G. Ferrari. 2,365,534; Dec. 19.
Bread, Manufacture of. L. S. Harber. 2,342,270; Feb. 22.
Bread, Manufacture of tin. L. S. Harber. 2,349,423; May 23.
Bread molding machine. M. A. Stiefelber. 2,344,836; Mar. 21.
Bread slicing device. E. L. Wood. 2,362,737; Nov. 14.
Bread wrapping machine. C. Arelt. 2,356,644; Aug. 22.
Bread wrapping machine. J. A. Stein and L. V. Whipple. 2,362,959; Nov. 14.
Breaker, Gas blast circuit. H. Thommen, A. Halm, and G. Brühlmann. 2,364,254; Dec. 5.
Breaker point. W. D. Kight. 2,339,996; Jan. 25.
Breaker timing. E. A. Vogel. 2,351,848; June 20.
Breaking attachment for lister plows, Ground. A. J. Holder. 2,346,073; Apr. 4.
Breakwater. L. A. Wells. 2,348,508; May 9.
Breast strap fastener. A. B. Muller. 2,353,216; July 11.
Breather for multiple glass sash. C. M. Verhagen. 2,345,643; Apr. 4.
Breathing apparatus. C. J. Lambertsen. 2,348,074; May 2.
Breathing apparatus for use under water. C. J. Lambertsen. 2,362,643; Nov. 14.
Breathing device. S. T. Bonilla. 2,362,240; Nov. 7.
Breathing system canister arrangement. K. Connell. 2,345,530; Mar. 28.
Breech device for firearms. J. Koucky. 2,356,595; Aug. 22.
Breech mechanism for automatic firearms. P. de Király and J. Kucher. 2,348,790; May 16.
Breech mechanism for automatic firearms. W. L. Swarts. 2,339,661; Jan. 18.
Breech mechanism for propeller blades. F. B. Stulen and L. W. Stevenson. 2,350,541; June 6.
Brew cooling and dispensing. F. G. Merckel. 2,346,933; Apr. 18.
Brew cooling and dispensing installation. G. D. Peet. 2,342,299; Feb. 22.
Brewer, Coffee. H. Cory. 2,359,405; Oct. 3.
Brewer or cooker. N. G. Baker. 2,350,335; June 6.
Brewing. F. H. Schwaiger. 2,350,576; Oct. 10.
Brewing apparatus. B. Stein. 2,354,093; July 18.
Brick, Drop-mud method of and apparatus for molding. E. G. Cowan and J. M. Coder. 2,352,771; July 4.
Brick machine. L. Geibman. 2,360,122; Oct. 10.
Bridge, Narrow foldable. A. Heidenreich. 2,344,772; Mar. 21.
Bridge stabilising means. K. O. Vartia. 2,358,672; Sept. 19.
Bridge structure, Portable. H. Nagin. 2,339,098; Jan. 11.
Bridge structure, Portable. I. B. Yassin. 2,363,767; Nov. 28.
Bridging plug. M. L. Hart. 2,345,673; Apr. 4.
Bridging plug device. M. L. Hart. 2,345,672; Apr. 4.
Bridle. J. J. Schmeis. 2,347,752; May 2.
Bridle and hackamore bit. L. A. Burgess. 2,342,449; Feb. 22.
Brine, Regenerating curing. G. Grindrod. 2,341,769; Feb. 15.
Briquettes, bricks or solid agglomerates, Forming. J. C. Vignos. 2,363,371; Nov. 21.
Briquetting of powdered metal, Method and apparatus for. J. T. Marvin. 2,341,732; Feb. 15.
Briquetting press. M. N. Stadlin. 2,358,765; Sept. 19.
Bristle feeding mechanism for brush making machines. H. Cave and A. L. LeFebvre. 2,356,121; Aug. 15.
Bristle-trimming mechanism. C. S. King. 2,351,344; June 13.
Broach pull. L. C. Robison. 2,360,980; Oct. 24.
Broach and preparing the same. B. Chandler and H. B. Yuen. 2,344,024; Mar. 14.
Broaching machine. W. D. Averill and A. L. Hamelberg. 2,365,040; Dec. 12.
Broaching machine. H. H. Gotberg. 2,358,225; Sept. 12.
Broaching machine. H. T. Honig. 2,338,940; Jan. 11.
Broaching machine. J. Oakley. 2,342,686; Feb. 29.
Broaching machine. J. W. Podesta. 2,343,420; Mar. 7.
Broaching machine, Rifle. B. Welte and H. H. Gotberg. 2,352,873; July 4.
Broaching method. J. Edgar. 2,357,094; Aug. 29.
Broadcasting apparatus. J. P. Donovan and W. R. MacDonald. 2,338,320; Jan. 4.
Broiler unit. H. Moecker, Jr., and W. Lotter. 2,355,230; Aug. 8.
Bromine, Recovery and purification of. I. A. Kenaga. 2,359,221; Sept. 26.
Brooder. S. M. Crider. 2,363,483–4; Nov. 28.
Brooder. L. Marick. 2,358,081; Sept. 12.
Brooder, Chicken. C. L. Murray. 2,358,938; Sept. 26.
Broom holder. M. G. Hahn. 2,344,816; Mar. 21.
Broom mop or the like. W. Hertsberg. 2,342,280; Feb. 22.
Bruiser, Straw. A. Dion. 2,340,457; Feb. 1.
Brush: *See*—
Fountain shaving brush.
Brush. J. G. Baumgartner. 2,348,515; May 9.
Brush. C. E. Dawson and L. H. Gustafson. 2,360,829; Oct. 24.
Brush and forming the same. A. L. Le Febvre. 2,341,728; Feb. 15.
Brush and manufacture, Porous. L. E. Moberly. 2,356,076; Aug. 15.
Brush, Articulated paint. W. K. Gray. 2,348,972; May 16.
Brush assembly for dynamo electric machines. H. B. Fuge and L. C. Pratt. 2,343,546; Mar. 7.
Brush assembly for dynamoelectric machines. L. C. Pratt. 2,350,968; June 6.
Brush construction. D. F. O. Wesemeyer. 2,349,643; May 23.
Brush construction for electrical rotating machinery. W. L. Hansen and I. N. Hurst. 2,342,086; Feb. 29.
Brush cover. A. N. Spänel and W. F. Dexter. 2,353,517; Brush, Dabbing. F. H. Hardy. 2,352,431; June 27.
Brush elements, Making. G. V. Woodling. 2,363,217; Nov. 21.
Brush holder. A. P. Wood. 2,341,304; Feb. 8.
Brushholder bracket. R. N. Cambridge. 2,340,039; Jan. 25.
Brush holder for electric motors. W. P. Uhler. 2,356,105; Aug. 15.
Brush manufacture. H. A. Myers. 2,355,744; Aug. 15.
Brush, Oil well and casing cleaning. C. J. Gibson. 2,362,198; Nov. 7.

Brush or tool holder. L. Francis. 2,346,570; Apr. 11.
Brush, Rotary. R. O. Peterson. 2,345,422; Mar. 28.
Brush scraper and bail holder, Combined. A. J. Gore. 2,353,555; July 11.
Brush wiper attachment for containers. D. J. Coyliondro. 2,342,454; Feb. 22.
Brushes, Manufacturing. F. Neuschaefer. 2,363,685; Nov. 28.
Brushes, Seating commutator. W. A. Pringle. 2,339,649; Jan. 18.
Brushing unit and making same, Double-locked. D. F. O. Wesemeyer. 2,349,644; May 23.
Brushmaking machine. H. Cave, A. H. Fuller, and A. L. Le Febvre. 2,358,443; Sept. 19.
Bubble tower. J. W. Olstad. 2,352,655; July 4.
Buck and stacker, Hay. J. P. Grundon and J. H. Rogers. 2,342,934; Feb. 29.
Bucket and shovel, Combination. G. W. Stuart. 2,342,436; Feb. 22.
Bucket, Clamshell. E. H. Lichtenberg. 2,356,255; Aug. 22.
Bucket conveyer. N. L. Davis. 2,342,039; Feb. 15.
Bucket, Dragline. H. A. Whitcomb and J. W. Patch. 2,336,831; Jan. 11.
Bucket or receptacle for loading, hauling, and dumping apparatus. L. W. Brooks. 2,345,790; Apr. 4.
Bucket, Minnow. G. W. Stowe. 2,341,246; Feb. 8.
Bucket, Spinning. C. Pistor. 2,357,422; Sept. 5.
Bucking tool. J. L. Hajek, Jr. 2,353,550; July 11.
Buckle. F. A. Best. 2,362,962; Nov. 21.
Buckle. I. B. Holtz. 2,356,848; Aug. 29.
Buckle. R. E. Schreiber. 2,342,304; Feb. 22.
Buckle. J. J. Sindler. 2,346,949; Apr. 18.
Buckle. P. W. White. 2,361,895; Oct. 31.
Buckle, Chin strap. M. Kiesling. 2,363,872; Nov. 28.
Buckle, One-piece. P. W. White. 2,343,118; Feb. 29.
Buckle or center stretch in cold rolled steel strips, Method and apparatus for measuring. B. B. Beckett. 2,347,454; Apr. 25.
Buckle, Overall. E. F. Pavek. 2,362,024; Nov. 7.
Buckle, Ratchet clamp attached overall. R. R. Roberts, T. T. Russell, and R. J. Hodge. 2,355,331; Aug. 8.
Buffer. J. W. Marsh. 2,340,335; Feb. 1.
Buffer assembly. D. D. Bryant. 2,364,945; Dec. 12.
Buffer, Razor. B. F. Schuite. 2,359,739; Oct. 10.
Buffing lathe for vehicle tires. A. R. Oakes. 2,364,334; Dec. 5.
Buffing machine. N. H. Knowlton. 2,362,076; Nov. 7.
Buffing wheel. G. B. Churchill. 2,350,216; May 30.
Builder mechanism. E. Haggerty, A. O. Roy, and R. Hargreaves. 2,353,330; July 11.
Builder mechanism. F. M. Roddy. 2,364,819; Dec. 12.
Builder motion for spinning and twister frames. L. M. Cotchett. 2,357,580; Sept. 5.
Building. H. S. Johnson. 2,364,220; Dec. 5.
Building and building block therefor. R. G. Kaping. 2,351,768; June 20.
Building block. E. R. Brenneman and E. Swett. 2,341,757; Feb. 15.
Building block and making it. L. O. Griffith. 2,347,556; Apr. 25.
Building, Collapsible. J. Fuehrer. 2,342,264; Feb. 22.
Building column. W. J. McDermott. 2,340,003; Jan. 25.
Building construction. E. C. Crowley. 2,339,220; Jan. 11.
Building construction. R. L. Davison. 2,351,015; June 13.
Building construction. R. L. Davison. 2,359,304; Oct. 3.
Building construction. J. K. Eichelberger. 2,363,405; Nov. 21.
Building construction. R. B. Fuller. 2,343,764; Mar. 7.
Building construction. R. F. Fuller. 2,351,419; June 13.
Building construction. E. H. Fuller. 2,360,052; Oct. 10.
Building construction. W. C. Groeniger. 2,339,778; Jan. 25.
Building construction. F. Hobbs. 2,351,209; June 13.
Building construction. R. M. James. 2,351,615; June 20.
Building construction. A. A. Ladon. 2,356,768; Aug. 29.
Building construction. W. S. Miles and P. A. Voight. Re. 22,571; Nov. 28.
Building construction. W. S. Miles and P. A. Voigt. 2,351,993; June 20.
Building construction. W. Neff. 2,365,145; Dec. 12.
Building construction. W. D. Teague and R. R. Spilman. 2,345,018; Mar. 28.
Building construction. E. M. Walsh. 2,357,367; Sept. 5.
Building construction. H. K. Williams. 2,354,901; Aug. 1.
Building construction unit. W. M. Wentworth. 2,341,064; Feb. 8.
Building form. E. M. Scharenberg. 2,360,899; Oct. 24.
Building, Knocked down shelter. A. E. Waterman and H. B. Tracy. 2,363,916; Nov. 28.
Building material. P. W. Jenkins. 2,340,535; Feb. 1.
Building material. R. N. Williams. 2,358,550; Sept. 19.
Building material and applying same. G. E. Swenson. 2,345,221; Mar. 28.
Building, Portable. C. R. Fleming-Williams. 2,363,765; Nov. 28.
Building, Prefabricated. K. L. Wachsmann and W. Gropius. 2,356,192; Aug. 8.
Building structure. A. Hancock. 2,363,862; Nov. 28.
Building structure. T. E. King. 2,350,904; June 6.
Building structure. R. W. McLaughlin, Jr. 2,349,358; May 23.
Building structure. L. A. Paley. 2,348,180; May 2.
Building structure for insulation against insects. D. M. Muirhead. 2,352,338; June 27.
Building structure, Prefabricated. W. J. Mulligan. 2,365,579; Dec. 19.
Building structure, Sectional metallic. R. O. Sheldon. 2,352,807; July 4.
Building unit. R. L. Kaye. Re. 22,481; May 16.
Building wall construction. F. W. Stevens. 2,344,749; Mar. 21.
Building with air supported roof and constructing the same. H. H. Stevens, Jr. 2,355,248; Aug. 8.
Buildings, Construction of. W. G. Hitchins. 2,366,108; Dec. 26.
Built-in ironing board. H. C. Bullard. 2,358,906; Sept. 26.
Built-up blanks from scrap leather, Manufacture of. A. H. Lennon. 2,358,404; Sept. 19.
Bulb, Compound thermostatic. P. F. K. Erbguth. 2,341,765; Feb. 15.
Bulb for motion picture projectors and the like, Incandescent. S. Parish. 2,360,971; Oct. 24.
Bulk fruit weigher. W. O. Kinnebrew. 2,342,053; Feb. 15.
Bulkheads, Insulating. D. J. Stefano. 2,362,119; Nov. 7.
Bulk materials container. A. J. Doyle. 2,345,468; Mar. 28.
Bull wheel flange. J. A. Fox. 2,359,211; Sept. 26.
Bulldozer. E. W. Austin. 2,351,799; June 20.
Bullet deflector. F. J. Trumpour. 2,358,364; Sept. 19.
Bullet, Explosive. W. T. Moore. 2,361,955; Nov. 7.
Bullet, Explosive. R. N. Nelson. 2,364,646; Dec. 12.
Bullet lubrication. W. A. Dew. 2,348,124; Apr. 4.
Bullet resisting tube. R. F. Wilson. 2,339,548; Jan. 18.
Bullet spinning machine. T. J. Dietz. 2,353,150; July 11.
Bumper. M. Z. Delp and L. A. McCormick. 2,356,979; Aug. 29.
Bun making machine. W. C. Grimm and R. H. Linneman. 2,354,681; Aug. 1.
Bun slicer. R. E. Elrod. 2,361,615; Oct. 31.
Bunch softening and shaping mechanism for cigar machines. H. H. Wheeler. 2,356,636; Aug. 22.
Bunches, Method of and apparatus for making. J. W. and W. J. Giles. 2,350,225; May 30.
Bundle handling mechanism for coiled material. J. M. Roitz. 2,356,698; Aug. 22.
Bundle, Rail anchor shipping. H. G. Warr. 2,356,552; Aug. 22.
Bundler and discharge assembly for wire products machines. G. K. Gaumer. 2,352,623; July 4.
Bunion correcting apparatus. I. A. Danner. 2,359,023; Sept. 26.
Buoy for submarines, Reconnaissance and attack. S. G. and S. F. Kotelev. 2,355,918; Aug. 15.
Buoy maker. V. L. Oestnaes. 2,342,363; Feb. 22.
Buoy, Mooring. J. A. Diehl. 2,354,441; July 25.
Buoy, Observation. S. G. and S. F. Kotelev. 2,354,758; Aug. 1.
Buoyant device. H. W. Walters. 2,350,654; June 6.
Buoyant structure. A. L. Houghtaling. 2,364,072; Dec. 5.
Burglar alarm control box. A. W. Früh. 2,353,452; July 11.
Burner: *See*—
Atomizing burner.
Cast-iron gas burner.
Combination burner.
Convertible coal and oil burner.
Finely divided fuel burner.
Fluid fuel burner.
Fuel burner.
Furnace wall burner.
Gas burner.
Gaseous fuel burner.
Heating torch burner.
Horizontal burner.
Horizontal hydroxylating burner.
Hydrocarbon burner.
Liquid fuel burner.
Oil burner.
Pilot burner.
Pot type burner.
Powdered fuel burner.
Pulverized fuel burner.
Safety pilot burner.
Sheet metal gas burner.
Solid fuel burner.
Submerged burner.
Two-level liquid fuel burner.
Burner. O. Craig. 2,351,928; June 20.
Burner. W. J. Janosky. 2,340,389; Feb. 1.
Burner. J. N. Junkins. 2,353,080; Aug. 8.
Burner. R. M. Sherman. 2,344,177; Mar. 14.
Burner. J. A. Whittington. 2,349,323; May 23.
Burner. J. S. Zink. 2,344,936; Mar. 21.
Burner and hot plate for gas fired cooking apparatus. A. F. Oatley. 2,361,317; Oct. 24.
Burner and improved air supply means therefor, Pot type. B. Hayter. 2,349,722; May 23.
Burner and improved baffle therefor, Pot-type. B. Hayter. 2,350,891; June 6.
Burner and means for delivering secondary air thereto, Pot type. J. L. Breese. 2,351,186; June 13.
Burner and system, Oil. C. L. Rayfield. 2,347,842–3; May 2.
Burner apparatus, Dual oil. F. L. Jennings. 2,358,809; Sept. 26.
Burner control. J. Converse. 2,362,247; Nov. 7.

Burner control. W. F. Wolfner, II. 2,358,432; Sept. 19.
Burner control apparatus. L. V. McCarty. 2,349,443; May 23.
Burner control for tending fire. L. R. Teeple. 2,344,183; Mar. 14.
Burner control system, Automatic. F. E. Lange. 2,355,309; Aug. 8.
Burner control system, Fuel. G. I. Holmes. 2,355,296; Aug. 8.
Burner control, Wick type oil. H. C. Shagaloff. 2,363,443; Nov. 21.
Burner for fluid fuel. E. L. Torrey. 2,344,428; Mar. 14.
Burner for fuels containing tetraethyl lead. B. W. Tullis. 2,363,098; Nov. 21.
Burner for fuels containing tetraethyl lead and other objectionable foreign matter. B. W. Tullis. 2,363,099; Nov. 21.
Burner for gas ranges, Cooking top. S. H. Hobson. 2,344,144; Mar. 14.
Burner for petroleum, methylated spirits, or the like, Vaporizing. J. G. Lindmark. 2,340,000; Jan. 25.
Burner for portable boiler flame chambers, Forced draft. J. W. Adams. 2,356,729; Aug. 29.
Burner fuel pipe cleaner. C. T. Welsh. 2,344,758; Mar. 21.
Burner observation means for heaters. S. Perry. 2,355,466; Aug. 8.
Burner safety control. R. E. Yates. 2,360,532; Oct. 17.
Burner structure. J. M. Crowe. 2,338,623; Jan. 4.
Burner with admission of air at two levels, Pot type. B. Hayter. 2,362,133; Nov. 7.
Burner with double baffle structure, Pot type. B. Hayter. 2,339,537; Jan. 18.
Burner with false bottom. J. L. Breese. 2,346,814; Apr. 18.
Burner with hollow pilot, Pot-type. S. Perry. 2,346,781; Apr. 18.
Burners and core for same, Making gas stove. E. C. Balcerzak. 2,346,720; Apr. 18.
Burr cutting tool. L. A. Basbara. 2,359,607; Oct. 3.
Burring attachment for drills. E. C. Dietz. 2,340,941; Feb. 8.
Burring machine. R. G. Cudini. 2,355,601; Aug. 8.
Burring tool. A. G. Bauer. 2,351,578; June 20.
Burrow, Artificial. C. E. Palmer. 2,358,588; Sept. 19.
Burrs and films from molded articles, Method of and apparatus for removing. R. O. Wood. 2,342,443; Feb. 22.
Bursting disk. E. L. McCandless. 2,353,254; July 11.
Bus bar connecting clamp. E. T. Carlson. 2,357,171; Aug. 29.
Bus bar duct support. E. T. Carlson. 2,341,311; Feb. 8.
Bus bar supporting clamp. H. A. Samer. 2,356,006; Aug. 15.
Bus construction. J. J. Sileck. 2,356,708; Aug. 22.
Bus-duct and switch assembly. M. J. De Mask. 2,361,179; Oct. 24.
Bus duct system. E. T. Carlson and W. C. Anderson. 2,339,600; Jan. 18.
Bush for metal barrels. G. W. Lawton. 2,343,618; Mar. 7.
Bushing construction for electrical apparatus. J. J. Viennesu. 2,343,210; Feb. 29.
Bushing, Drill. G. K. Day. 2,353,295; July 11.
Bushing fitting and placement tool. J. P. Johnson. 2,353,364; July 11.
Bushing for outboard motor mountings, Resilient. W. J. Grubbs. 2,354,445; July 25.
Bushing, Kelly. W. A. Abegg. 2,346,958; Apr. 18.
Bushing, Resilient. F. M. Guy. 2,346,574; Apr. 11.
Bushings for self-lubricating bearings, Making. K. E. Whiteley. 2,350,854; June 6.
Butadiene-cyclopentadiene copolymers. F. J. Soday. 2,352,979; July 4.
Butadiene polymer composition. J. C. Patrick. 2,363,417–18; Nov. 28.
Butadiene, Preparation of. O. W. Cass and A. O. Rogers. 2,343,107; Feb. 29.
Butadiene, Preparation of. A. E. Lawrence. 2,364,377; Dec. 5.
Butadiene, Producing. H. Guggemos and A. Treibe. 2,345,113; Mar. 28.
Butadiene, Producing. W. Szukiewicz. 2,357,855; Sept. 12.
Butadiene, Production of. O. W. Cass. 2,343,108; Feb. 29.
Butadiene, Purification of. L. H. Horsley and H. S. Nutting. 2,363,527; Nov. 28.
Butane isomerization process. A. B. Leonard. 2,366,117; Dec. 26.
Butane, Treatment of. H. S. Bloch and R. E. Schaad. 2,346,657; Apr. 18.
Butanones, Manufacture of aryloxy-alkylamino. A. Grun and W. Stoll. 2,344,814; Mar. 21.
Butter chip maker. M. J. Weinberg. 2,364,885; Dec. 12
Butter conditioner. A. F. Wild. 2,363,375; Nov. 21.
Butter cutter. W. W. Rush and G. J. Maloney. 2,362,722; Nov. 14.
Butter cutting device. T. D. Crowley and B. C. Potter. 2,349,078; May 16.
Butterfat, Producing. W. T. Crighton. 2,358,214; Sept. 12.
Butter, Making. C. A. Rogers. 2,365,217; Dec. 19.
Butter serving machine. S. A. Thomas. 2,362,666; July 4.
Buttering machine. A. W. Kiehn. 2,353,474; July 11.
Button. C. R. Morris. 2,352,731; July 5.
Button and buttonhole strips for plackets, Making. J. Bernstein. 2,342,569; Feb. 22.
Button and fastening unit. W. E. De Wald. 2,346,209; Apr. 11.
Button clamp. S. W. Avis. 2,352,681; July 4.
Buttonhole sewing machine. J. H. Pikul. 2,359,330; Oct. 3.
Buttonhole sewing machine. D. B. Thornton. 2,354,559; July 25.
Button molding apparatus. A. A. Scott, Jr., and H. H. McNaughton. 2,347,972; May 2.
Button shank. O. Gries. 2,346,747; Apr. 18.
Button type emblem holder. W. Thomas. 2,339,364; Jan. 18.
Button, Warning light and test. C. A. de Giers. 2,355,149; Aug. 8.
Buttons and similar articles, Mounting. S. Eppy. 2,350,275; May 30.
Buttons and the like, Attachment of. W. O. Hansen and M. L. Bowen. 2,362,630; Nov. 14.
Buttons, Manufacture and attachment of. W. L. Walker. 2,348,441; May 9.
Butylene glycol, Producing. L. M. Christensen. 2,358,212; Sept. 12.
Bx armored cable cutter. H. L. Allstock. 2,342,322; Feb. 22.
By-pass for scales. J. P. Clifford. 2,361,267; Oct. 24.
Bypass valve. G. W. Pontius, III, and S. L. Handy. 2,340,489; Feb. 1.
C clip forming machine. J. A. Weber and H. W. Wilkins. 2,341,347; Feb. 8.
Cab lamp. F. W. Blanchard. 2,364,020; Nov. 28.
Cabin for aircraft, Pressure-tight. B. N. Wallis. 2,362,951; Nov. 14.
Cabinet: *See*—
Bathroom cabinet.
Collapsible wardrobe cabinet.
Continuous towel cabinet.
Dispensing circuit.
Display and dispensing cabinet.
Display cabinet.
Druggist's cabinet.
Filing cabinet.
Knockdown utility cabinet.
Lipstick display and sample cabinet.
Refrigerated display cabinet.
Refrigerator cabinet.
Sink cabinet.
Storage cabinet.
Towel cabinet.
Cabinet. M. L. Butcher. 2,344,800; Mar. 21.
Cabinet. W. Gersten. 2,339,694; Jan. 18.
Cabinet. W. Holtzman. 2,350,280; May 30.
Cabinet. H. E. Mills and L. M. Sbell. 2,342,956; Feb. 29.
Cabinet. C. L. O'Reilly. 2,356,688; Aug. 22.
Cabinet. P. Rosenberg. 2,354,835; Aug. 1.
Cabinet. E. C. Weiskopf. 2,364,409; Dec. 5.
Cabinet. G. Wise. Re. 22,456; Mar. 14.
Cabinet. D. W. Witkin. 2,363,454; Nov. 21.
Cabinet construction. F. Mastrangelo. 2,338,727; Jan. 11.
Cabinet construction, Reinforced sheet metal. F. Sandberg. 2,357,025; Aug. 29.
Cabinet construction, Steel. E. D. Kaser. 2,339,339; Jan. 18.
Cabinet, desk and table, Combined. W. A. Hamberg. 2,351,610; June 20.
Cabinet for automobiles, Refrigerating and storage. M. Hurtado. 2,358,071; Sept. 12.
Cabinet for electric appliances. D. F. Daly. 2,359,627; Oct. 3.
Cabinet for hairdresser's chairs. N. Beckett. 2,343,493; Mar. 7.
Cabinet for housing auxiliary electric equipment. H. E. Cann. 2,345,792; Apr. 4.
Cabinet or locker, Knockdown. F. Mastrangelo. 2,346,982; Apr. 18.
Cabinet structure. G. L. C. Earle. 2,349,541; May 23.
Cabinet structure. H. Hall. 2,353,331; July 11.
Cable: *See*—
Cutter cable.
Electric cable.
Electrical cable.
Making cable.
Radio cable.
Refrigerator cabinet.
Cable anchor. L. H. Peevey. 2,344,322; Mar. 14.
Cable car and spinner attachment. D. J. Neale. 2,344,051; Mar. 14.
Cable clamp. E. F. Hohwart. 2,348,975; May 16.
Cable clamp. G. J. Worel. 2,341,970; Feb. 15.
Cable clamping means. H. Johanson. 2,355,166; Aug. 8.
Cable end construction. E. R. Goldfeld. 2,353,719; July 18.
Cable entrance, Sealed. E. H. Lamberger and B. F. Langer. 2,361,215; Oct. 24.
Cable guide. R. J. Kent. 2,360,237; Oct. 10.
Cable highway guard. A. E. Brickman. 2,349,648; May 23.
Cable holder. E. G. P. Kading and D. H. Vye. 2,362,828; Nov. 14.
Cable insulation slitting tool. G. W. Staley. 2,364,397; Dec. 5.
Cable insulation splitter. J. R. and J. T. Martin. 2,346,227; Apr. 11.
Cable needle for knitting. S. E. Palliser. 2,364,649; Dec. 12.

Cable operated press. R. G. Le Tourneau. 2,351,824; June 20.
Cable puller. C. R. Bergman. 2,339,671; Jan. 18.
Cable pull-off mechanism. C. O. Bruestle. 2,339,761–2; Jan. 25.
Cable sections, Uniting. F. O. Roberts. 2,345,631; Apr. 4.
Cable sheath cutting and stripping tool. E. P. Lansing. 2,347,956; May 2.
Cable slicer. J. G. Demetropoulos. 2,353,128; July 11.
Cable slitting machine. W. C. Pope. 2,360,363; Oct. 17.
Cable tension regulator. J. W. Cade. 2,363,228–9; Nov. 21.
Cable tensioning and releasing means. E. C. Hatcher. 2,342,271; Feb. 22.
Cable tensioning and releasing means. E. C. Hatcher. 2,353,562; July 11.
Cable tensioning device. R. J. Helberg. 2,341,273; Feb. 8.
Cable terminal housing. W. W. Halbrook and Le Roy W. Kelsay. 2,338,179; Jan. 4.
Cables and the like articles, Continuous impregnation of. F. Peel and R. S. Vincent. 2,357,686; Sept. 5.
Cables and the like, Clamping runs of. W. Schack. 2,348,096; May 2.
Cables, Impregnating. R. S. Vincent. 2,346,523; Apr. 11
Cadmium plating. J. A. Henricks, Jr. 2,350,165; May 30.
Cadmium red, Production of. J. Loeffler. 2,351,985; June 20.
Cage, Bird. E. B. Whitehead. 2,364,836; Dec. 12.
Cage, Film developing. E. P. McMurtry. 2,344,710; Mar. 21.
Cage for use in ball bearings. F. O. Hickling. 2,357,196; Aug. 29.
Cage for use in ball bearings. F. O. Hickling. 2,360,419; Oct. 17.
Cage, Rayon spinning. J. P. Tarbox. 2,352,868; July 4.
Cage, Roller. E. Klayin. 2,359,120; Sept. 26.
Cages, Making roller-bearing. F. O. Hickling. 2,342,340; Feb. 22.
Caging means for gyroscopes. V. R. Kimball. 2,350,769; June 6.
Cake, Artificial. R. Fislinger. 2,347,041; Apr. 18.
Cake, Cutting and wrapping. O. L. Rice. 2,339,584; Jan. 18.
Cakes, Production of coffee. LeC. Stiles. 2,345,637; Apr. 4.
Calcium boride, Producing. A. L. Fox. 2,344,859; Mar. 21.
Calcium caproxy chloride, Producing. I. L. Haag and R. Pfanstiel. 2,358,706; Sept. 19.
Calcium carbide and carbide mixtures, Azotizing. R. Wendlandt, G. Hoffmann, and H. Füldner. 2,352,051; June 20.
Calcium carbonate-adhesive base product and preparing coatings therefrom. A. B. Hughes, H. B. Browne, and H. F. Roderick. 2,354,818; July 25.
Calcium carbonate-adhesive coatings, Manufacture of. A. E. Hughes, H. B. Browne, and H. F. Roderick. 2,351,683; June 20.
Calcium carbonate, Producing. E. M. Allen. 2,354,788; Aug. 1.
Calcium chromate, Manufacture of. L. F. Le Brocq and H. G. Cole. 2,346,493; Apr. 11.
Calcium hypochlorite. G. G. Day. 2,347,402; Apr. 25.
Calcium sulphate pigment and preparing the same. F. L. Kingsbury and F. J. Schultz. 2,341,994; Feb. 15.
Calcium titanate, Preparation of. H. Espenschied. 2,346,296; Apr. 11.
Calculating and printing machine. C. Smith. 2,352,027; June 20.
Calculating and printing machine. C. P. Boberg. 2,365,381; Dec. 19.
Calculating and registering machine. U. Eichler. 2,340,261; Jan. 25.
Calculating attachment for typewriters and the like. F. J. Tillman. 2,359,809; Oct. 10.
Calculating instrument. B. L. Sites. 2,344,834; Mar. 21.
Calculating machine. P. H. Allen. 2,365,507; Dec. 19.
Calculating machine. R. Anschutz and R. Gröschel. 2,342,782; Feb. 29.
Calculating machine. H. T. Avery. 2,343,273; Mar. 7.
Calculating machine. H. T. Avery, De W. M. Grimm, and F. N. Schwend. 2,350,979; June 13.
Calculating machine. R. E. Baldwin. 2,364,934; Dec. 12.
Calculating machine. D. Broido. 2,357,167; Aug. 29.
Calculating machine. G. C. Chase. 2,339,616; Jan. 18.
Calculating machine. G. C. Chase. 2,342,529; Feb. 22.
Calculating machine. B. Cooper. 2,340,581; Feb. 1.
Calculating machine. A. S. Dennis. 2,365,527; Dec. 19.
Calculating machine. A. J. Fettig. 2,340,872; Feb. 1.
Calculating machine. A. J. Fettig. 2,358,154; Sept. 12.
Calculating machine. C. M. Friden. 2,352,376; June 27.
Calculating machine. C. M. Friden and J. L. Moody. 2,346,834; Apr. 18.
Calculating machine. S. I. Krieger. 2,362,702; Nov. 14.
Calculating machine. H. P. Luhn. 2,364,540; Dec. 5.
Calculating machine. A. B. Machado. 2,363,737; Nov. 28.
Calculating machine. T. O. Mehan. 2,362,709; Nov. 14.
Calculating machine. J. L. Moody. 2,343,241; Mar. 7.
Calculating machine. J. L. Moody. 2,359,661; Oct. 3.
Calculating machine. J. L. Moody. 2,360,704; Oct. 17.
Calculating machine. R. L. Muller. 2,347,607; Apr. 25.
Calculating machine. F. A. Niemann. 2,346,601; Apr. 11.
Calculating machine. R. S. Nilsson. 2,355,462; Aug. 8.
Calculating machine. D. Y. Read. 2,352,286; June 27.
Calculating machine. F. J. Tillman. 2,347,720; May 2.
Calculating machine. C. F. Webb. 2,356,714; Aug. 22.
Calculating machine, cash register, or the like. A. F. Pott. 2,347,610; Apr. 25.
Calculating means. W. E. Milestone and B. B. West. 2,343,385; Mar. 7.
Calculator. R. Gunn. 2,342,660; Feb. 29.
Calculator, Flight. E. C. Hokanson. 2,339,222; Jan. 11.
Calendar. E. Gatewood. 2,358,969; Sept. 26.
Calendar. M. E. Troilen. 2,356,132; Aug. 22.
Calendar and diary. C. Georgi. 2,354,589; July 25.
Calendar and memorandum, Perpetual. R. H. Wilbur. 2,346,342; Apr. 11.
Calendar attaching means. F. Lowenthal. 2,338,651; Jan. 4.
Calendar, Desk. K. M. Vogel. 2,356,107; Aug. 15.
Calendar, Perpetual. Y. T. Dang. 2,341,599; Feb. 15.
Calendar, Perpetual. A. L. Forbes. 2,343,969; Mar. 14.
Calendar, Perpetual. E. Gatewood. 2,338,377; Jan. 4.
Calendar, Perpetual. M. Govin y Gomez. 2,358,702; Sept. 19.
Calendar, Perpetual. J. Q. Stewart. 2,340,153; Jan. 25.
Calf feeder. J. P. Christensen. 2,350,215; May 30.
Calibrating apparatus. F. K. Floyd. 2,357,643; Sept. 5.
Calibrating tool. N. Mars. 2,363,347; Nov. 21.
Caliper attachment. D. E. McGreevy. 2,357,836; Sept. 12.
Caliper, Electrical. J. J. Neff. 2,364,237; Dec. 5.
Caliper, Inside. R. L. Tarket. 2,344,837; Mar. 21.
Call transmitter. R. F. Mallina. 2,352,723–4; July 4.
Call transmitter for telephone signaling systems. F. A. Hubbard. 2,347,108; Apr. 18.
Calorimetry of low quality combustible gas. C. S. Pinkerton. 2,349,517; May 23.
Caltrop. B. Walker. 2,346,713; Apr. 18.
Cam-actuate dbrake. W. R. Freeman. 2,351,114; June 13.
Cam adjusting device. G. O. Joyner and D. S. Myers. 2,357,008; Aug. 29.
Cam closure and making the same. A. G. Hatch. 2,350,312; May 30.
Cam flywheel and shutter for motion picture apparatus. A. F. Victor. 2,344,574; Mar. 21.
Cam follower assembly. J. K. Scott. 2,343,208; Feb. 29.
Cam for knitting machines. O. Fregeolle. 2,340,049; Jan. 25.
Cam gearing. P. J. McLaren. 2,345,944; Apr. 4.
Cam grinding apparatus. C. J. Green. 2,351,502; June 13.
Cam lapping machine. H. S. Indge. 2,364,218; Dec. 5.
Cam member for engines or the like. V. Palumbo. 2,347,364; Apr. 25.
Cam operated machine. G. L. Boxell. 2,346,352; Apr. 11.
Camber and caster correction tool. L. W. Simons. 2,365,731; Dec. 26.
Camera. T. M. Aiken. 2,344,382; Mar. 14.
Camera. T. M. Aiken. 2,348,510; May 9.
Camera. T. M. Aiken. 2,354,168; July 18.
Camera. A. Briechle, R. T. Hurley, and G. E. Merritt. 2,347,732; May 2.
Camera. R. F. Fischer and E. B. Baldridge. 2,342,510; Feb. 22.
Camera. L. Frankel and U. R. Furst. 2,358,323; Sept. 19.
Camera. C. B. Gaty. 2,342,513; Feb. 22.
Camera. C. B. Gaty and G. Rattray. 2,342,509; Feb. 22.
Camera. A. C. McWilliams. 2,342,876; Feb. 29.
Camera. C. Older. 2,354,273; July 25.
Camera. W. H. Richards. 2,339,810; Jan. 25.
Camera. W. C. Thompson. 2,356,363; Aug. 22.
Camera. S. N. Wekeman. 2,356,960; Aug. 29.
Camera adjusting mechanism. H. O. Drotning. 2,353,227; July 11.
Camera attachment. R. W. Loebe. 2,352,844; July 4.
Camera attachment. P. F. Sperry and P. F. and J. Briskin. 2,347,520; Apr. 25.
Camera, Cinematographic. C. Lewis. 2,343,015; Feb. 29.
Camera construction. G. B. Pollock. 2,364,652; Dec. 12.
Camera copy for multicolor printing, Preparing. L. S. Sanders. 2,360,587; Oct. 17.
Camera device. A. V. Bedford. 2,355,136; Aug. 8.
Camera diaphragm. T. McG. Aiken. 2,340,573; Feb. 1.
Camera, Enlarging. F. W. Falck. 2,360,215; Oct. 10.
Camera exposure control. L. N. Hermann. 2,354,315; July 25.
Camera exposure control. J. Mihalyi. 2,343,690; Mar. 7.
Camera, Focusing. J. R. Miles. 2,342,681; Feb. 29.
Camera, Focusing. O. Wittel. 2,358,121; Sept. 12.
Camera for color photography. A. W. Tondreau. 2,353,797; July 18.
Camera, Light meter. J. Mihalyi. 2,358,084; Sept. 12.
Camera, Motion-picture. W. Riedel. 2,352,008; June 20.
Camera, Multicolor box. A. Schusterman. 2,341,480; Feb. 8.
Camera, Objective. B. E. Luboshes. 2,358,092; Sept. 12.

Camera particularly adapted for aerial photography, Photographic. A. H. Gorey, L. D. Nadel, and E. S. Hineline. 2,362,813; Nov. 14.
Camera, Photoflash photography. C. A. Phillips. 2,351,834; June 20.
Camera, Photographic. G. Fassin. 2,358,321; Sept. 19.
Camera, Photographic. H. Küppenbender, H. Eyth, and E. Jörg. 2,344,409; Mar. 14.
Camera, Photographic. W. Priesemann. 2,342,819; Feb. 29.
Camera, Photographic. B. Stechbart. 2,339,202; Jan. 11.
Camera, Reflecting. J. Mihalyi. 2,350,793; June 6.
Camera, Reflex. J. Pignone. 2,356,880; Aug. 29.
Camera, Roll film. W. Bäumgartner. 2,356,560; Aug. 22.
Camera, Roll film. H. Nerwin. 2,351,999; June 20.
Camera, Roll holding. J. Mihalyi. 2,364,381; Dec. 5.
Camera shutter. S. Aronoff. 2,347,700; May 2.
Camera shutter. G. A. Magnus and S. Aronoff. 2,347,699; May 2.
Camera, Stereoscopic. E. W. Sparling. 2,361,661; Oct. 31.
Camera synchronization, Reflex. L. D. Nadel. 2,365,899; Dec. 26.
Camera with automatic exposure control. K. Rath. 2,343,206; Feb. 29.
Cameras with removable film magazine. J. Bolsey. 2,352,181; June 27.
Camouflage. W. Granville. 2,361,473; Oct. 31.
Camouflage. K. H. Schwimmer and E. Quittner. 2,349,993; May 30.
Camouflage and method of making. St. C. M. Hale. 2,364,289; Dec. 5.
Camouflage fabricating machine. W. E. Meyer. 2,342,289; Feb. 22.
Camouflage fabricating machine. W. E. Meyer and H. W. Collins. 2,354,765; Aug. 1.
Camouflage material. C. E. Williams. 2,362,786; Nov. 14.
Camouflaging method and device therefor. M. Mitchell. 2,351,142; June 13.
Camouflage structure. R. P. Moran. 2,355,008; Aug. 1.
Camphene, Purification of. G. Etzel. 2,358,865; Sept. 26.
Camping device. W. M. Weiss and E. H. Royse. 2,365,030; Dec. 12.
Can: *See*—
Deep well dump can.
Milk can.
Nesting can.
Snap-on hub cap.
Tearing strip can.
Can. W. E. Burns. 2,349,939; May 30.
Can arranging mechanism. C. M. Hesson. 2,359,522; Oct. 3.
Can bodies, Making. J. M. Rojo. 2,350,824; June 6.
Can bodies, Making sheet metal. W. F. Punte. 2,363,358; Nov. 21.
Can body feeding means. O. A. Schmitt. 2,346,511; Apr. 11.
Can body forming machine. W. E. Rooney. 2,359,795; Oct. 10.
Can capping machine. K. Sundell. 2,353,200; July 11.
Can closing machine. P. E. Pearson. 2,362,848; Nov. 14.
Can closure. C. R. Rau. 2,352,495; June 27.
Can connector device. A. Djidics and C. D. Pratt. 2,358,795; Sept. 26.
Can conveying and transfer apparatus. W. De Back. 2,344,975; Mar. 28.
Can cover. O. J. Tofanelli. 2,352,667; July 4.
Can drainer. K. A. Leuschner. 2,353,343; July 11.
Can-dumping mechanism. C. H. Abbott. 2,351,731; June 20.
Can filling apparatus. C. H. Ayars. 2,356,142; Aug. 22.
Can filling machine. T. W. Bland. 2,356,737; Aug. 29.
Can filling machine. J. D. Le Frank. 2,355,089; Aug. 8.
Can-handling machine. A. E. Rideout, M. McFaull, and L. Wimmer. 2,365,007; Dec. 12.
Can handling machine. F. F. Wolf. 2,361,728; Oct. 31.
Can handling machine, Opposed spiral. F. A. Fahey. 2,353,393; July 11.
Can hold-down unit, Ice cream. R. M. Williams and G. J. Kramer. 2,340,723; Feb. 1.
Can lifter. F. L. Goodwin. 2,360,770; Oct. 17.
Can lifting and carrying device. R. M. Weir. 2,348,531; May 23.
Can marker, Rotary. A. L. Kronquest. 2,362,206; Nov. 7.
Can motion, Silver. F. K. Hendrickson. 2,355,071; Aug. 8.
Can opener. H. Gamiche. 2,338,238; Jan. 4.
Can opener. D. Lubetsky. 2,354,469; July 25.
Can opener. E. M. Scott. 2,348,227; May 9.
Can opener. R. H. Waller. 2,339,824; Jan. 25.
Can opener, Electric. T. Leland. 2,340,541; Feb. 1.
Can opening machine. W. F. Mueller and F. W. Kublin. 2,361,561; Oct. 31.
Can packing machine. R. O. Gruwell, Jr. 2,340,744; Feb. 1.
Can punch. W. C. Lorensen. 2,338,592; Jan. 4.
Can punching device. J. M. Akers. 2,346,128; May 16.
Can puncturing tool. J. Swanson. 2,359,883; Oct. 10.
Can runway. R. E. J. Nordquist. 2,353,748; July 18.
Can-sealing machine. W. D. Jordan. 2,359,766; Oct. 10.
Can seamer, Vacuum. A. G. Hopkins. 2,363,248; Nov. 21.
Can testing machine. C. F. Peck. 2,353,758; July 18.
Can transfer apparatus and method. F. W. Butler. 2,354,103; July 18.
Can treating apparatus. E. E. Hageline. 2,364,971; Dec. 12.
Can unloading machine. J. D. Le Frank. 2,353,736; July 18.
Can weighing machine. J. D. Le Frank. 2,358,813; Sept. 26.
Can-weighing machine. W. Pechy. 2,359,786; Oct. 10.
Candle. R. C. Webber and L. E. Anderson. 2,354,343; July 25.
Candle follower. F. Bormann. 2,349,072; May 16.
Candle for candle lamps. O. D. Guilfoil, Jr. 2,340,527; Feb. 1.
Candlemaking method and machine. K. Rau. 2,360,275; Oct. 10.
Candles, Lighting and extinguishing means for. P. W. Russell. 2,346,455; Apr. 11.
Candy stick machine. H. A. Perkins. 2,365,638; Dec. 26.
Cane and beet molasses, Extraction of food and similar antioxygens from. S. Musher. 2,342,163; Feb. 22.
Cane, Pickup. W. H. Mason. 2,346,038; Apr. 4.
Cannister provided with rip-wire opening devices. P. Bogner. 2,350,871; June 6.
Cannon, Flying. G. P. Kimmel. 2,354,674; Aug. 22.
Cannula holder. Y. Kono. 2,350,775; June 6.
Canopy, Air-conditioned. L. E. Johnson. 2,350,618; June 6.
Canopy and articulated frame. J. N. Clark. 2,346,554; Apr. 11.
Cap: *See*—
Absorbent closure cap.
Bathing cap.
Blasting cap.
Bottle cap.
Ceramic bubble cap.
Collapsible tube cap.
Container cap.
Core cap.
Crown bottle cap.
Decorative container cap.
Dropper and pourer cap.
Electric blasting cap.
Electric fuse plug cap.
Hydrator cap.
Lock type fuel tank filling cap.
Plastic hinge cap.
Secret panel bathing cap.
Uniform cap.
Cap. E. J. Costa and V. A. Ryan. 2,338,705; Jan. 11.
Cap. C. E. McManus and G. B. Cooke. 2,357,416; Sept. 5.
Cap and downpipe unit, Bubble. J. A. Gibb and J. F. Thornton. 2,361,021; Oct. 24.
Cap and flyer. A. E. Winslow. 2,353,100; July 4.
Cap and package, Closure. W. P. White. 2,339,827; Jan. 25.
Cap cleaning and stretching block. F. Greifenhain. 2,342,047; Feb. 15.
Cap closure for containers. H. Overend. 2,346,181; Apr. 11.
Cap-feeding apparatus. W. D. Bell. 2,352,764; July 4.
Cap-feeding apparatus. W. D. Bell. 2,361,364; Oct. 31.
Cap-feeding apparatus. H. E. Stover. 2,355,479; Aug. 8.
Cap-feeding apparatus. H. E. Stover. 2,355,481; Aug. 8.
Cap for colored nail polish bottles. A. Robinson. 2,340,900; Feb. 8.
Cap for gasoline tank filler pipe. W. F. Clark and B. Jelinek. 2,345,916; Apr. 4.
Cap forming and assembling machine. H. A. Rau. 2,339,807; Jan. 25.
Cap leak detector. R. O. Hennsey. 2,339,639; Jan. 18.
Cap or closure for containers, Dispensing. E. A. Rogers. 2,365,110; Dec. 12.
Cap removers to bottles or like containers, Method and apparatus for applying. M. H. Hill. 2,356,319; Aug. 22.
Cap shield, Bubble. P. Lambert. 2,338,446; Jan. 4.
Capacitor, Electrolytic. F. S. Dunleavey. 2,348,284; May 9.
Capacitor, Electrolytic. F. S. Dunleavey and R. W. Clark. 2,355,788; Aug. 15.
Capacitor for stability, Variable series. R. D. Evans and A. C. Monteith. 2,345,922; Apr. 4.
Capacitor protection, Series. R. E. Marbury. 2,351,980; June 20.
Capacitor protection, Series. R. E. Marbury, L. R. Ludwig, and B. P. Baker. 2,351,988; June 20.
Capacitor, Variable. R. K. Frazier. 2,344,689; Mar. 21.
Capacitors, Manufacture of. E. A. Nordberg. 2,358,654; Sept. 19.
Capacity compressor, Variable. A. B. Newton. 2,346,987; Apr. 18.
Cape, Shampoo. F. H. Ellinger. 2,357,461; Sept. 5.
Cape, Temporary shoulder. J. A. Tiscornia. 2,364,568; Dec. 5.
Capillary active substances, Preparing. W. Hentrich, E. Schirm, and H-J Engelbrecht. 2,341,614; Feb. 15.
Capillary element, Fabricated compensated. L. M. Persons. 2,363,140; Nov. 21.
Capping apparatus. C. Hobbs. 2,353,400; July 11.
Capping apparatus. J. J. Kittess. 2,349,558; May 23.
Capping apparatus. A. I. Shomperlen. 2,356,893; Aug. 29.
Capping arrangement for electronic valves. B. Erber. 2,365,399; Dec. 19.
Capping machine. C. Hobbs. 2,353,156; July 11.
Capping machine. H. Mair. 2,351,348-9; June 13.

Capping machines, Detector mechanism for. R. J. Stewart. 2,351,888; June 20.
Capping mechanism. J. Hohl. 2,357,826; Sept. 12.
Capping member. L. Manchan. 2,345,982; Apr. 4.
Caps to the printing cylinder of fabric printing machines, Applying. N. Solanko. 2,360,592; Oct. 17.
Capstan. E. B. Lear. 2,357,012; Aug. 29.
Capstan, Planetary. T. W. Sprake. 2,363,093; Nov. 21.
Capsulating machine. R. P. Scherer. 2,356,436; Aug. 22.
Capsule. R. P. Scherer. 2,342,372; Feb. 22.
Capsule. A. I. Zipper. 2,340,037; Jan. 25.
Capsule making method and machine. E. A. Ravenscroft and R. E. Jordan. 2,355,329; Aug. 8.
Capsule, Medical. G. D. Hiatt and J. Emerson. 2,349,430; May 23.
Capsules, Forming and filling. R. P. Scherer. 2,339,114; Jan. 11.
Capsules, Making. L. P. Miller. 2,349,511; May 23.
Capsules, Manufacture of. R. W. Gunnell. 2,342,661; Feb. 29.
Captive cover carton. H. A. Carruth. 2,358,790; Sept. 26.
Car: *See*—
Drop-bottom mine car.
Dump car.
Lineman's cable car.
Mine car.
Railway car.
Railway dump car.
Railway passenger car.
Railway sleeping car.
Refrigerator car.
Shuttle car.
Toy railway car.
Car axle lubricator. W. H. Korn. 2,348,911; May 16.
Car construction. W. A. Bierman and S. Simonson. 2,345,652; Apr. 4.
Car construction. E. H. Lehman. 2,348,913; May 16.
Car construction. H. J. Lounsbury. 2,351,218; June 13.
Car construction. S. Simonson. 2,349,565; May 23.
Car construction, Railway. J. A. Duffe. 2,361,276; Oct. 24.
Car cooler. R. J. Steele. 2,364,249; Dec. 5.
Car coupler. E. P. Kinne. 2,361,850; Oct. 31.
Car coupler. W. J. Metzger. 2,340,816; Feb. 1.
Car coupler. W. J. Metzger. 2,350,470; June 6.
Car coupler. W. J. Metzger. 2,354,271; July 25.
Car coupler and train wire control system. M. B. Cameron. 2,358,625; Sept. 19.
Car door construction. F. Ditchfield. 2,362,362; Nov. 7.
Car door mechanism. W. A. Beauchamp. 2,343,361; Mar. 7.
Car end wall, Railway. G. G. Gilpin. 2,354,680; Aug. 1.
Car, especially trailer, with tiltable body. K. Schröter and H. Schröter. 2,345,159; Mar. 28.
Car roof. C. D. Bonsall. 2,350,213; May 30.
Car, Self air conditioning bulk commodity railway. A. A. Johnson. 2,360,686; Oct. 17.
Car springs, Making. L. E. Endsley. 2,359,900; Oct. 10.
Car truck. R. Leppla. 2,341,452; Feb. 8.
Car truck. H. H. Pancake and R. A. Shields. 2,342,484; Feb. 22.
Car truck. E. J. Maatman and C. J. W. Clasen. 2,362,654; Nov. 14.
Car truck. E. W. Webb. 2,338,988; Jan. 11.
Car truck construction. J. L. Haynes. 2,354,016; July 18.
Car truck side frame. K. F. Nystrom. 2,357,020; Aug. 29.
Car washer. W. A. Litka. 2,350,469; June 6.
Carbalkoxylation of organic compounds. V. H. Wallingford. 2,346,059; Apr. 4.
Carbalkoxylation of organic compounds. V. H. Wallingford and A. H. Homeyer. 2,342,385; Feb. 22.
Carbazole, Manufacturing. V. Weinmayr. 2,351,171; June 13.
Carbide refractories, Bonded silicon. J. P. Swentzel. 2,364,108; Dec. 5.
Carbides, Forming metal. R. C. Benner and W. G. Soley. 2,364,123; Dec. 5.
Carbon and activating the same, and products thereof, Producing. R. M. Boehm and H. E. Hall. 2,362,463; Nov. 14.
Carbon article, Preparation of shaped. E. R. Cole. 2,365,055; Dec. 12.
Carbon bisulphide, Producing. J. L. Amos, R. H. Boundy, and K. E. Stober. 2,350,320; June 6.
Carbon black and making same. W. B. Wiegand and L. J. Venuto. Re. 22,454; Mar. 7.
Carbon black, Making. T. A. Te Grotenhuis. 2,357,857; Sept. 12.
Carbon black, Making fine particle size. J. Rehner, Jr. 2,356,471; Aug. 22.
Carbon black, Preparation of. M. R. Vogel and J. W. Snyder. 2,350,846-7; June 6.
Carbon black, Producing. I. Williams and R. B. Takewell. 2,361,802; Oct. 31.
Carbon black, Production of. L. M. Conner. 2,344,027; Mar. 14.
Carbon black, Testing. S. C. Carney. 2,355,146; Aug. 8.
Carbon bodies, Connection of. O. Conradty and H. Zillner. 2,353,444; July 11.
Carbon catalyst bodie and their preparation and use, Activated. E. A. Schumacher and G. W. Heise. 2,365,729; Dec. 26.
Carbon dioxide, Production of liquid. W. Dennis. 2,347,097-8; Feb. 15.
Carbon electrodes, Processing. H. A. Kent. 2,364,536; Dec. 5.
Carbon from bituminous coal, Granulated active. W. M. Fuchs. 2,339,742; Jan. 18.
Carbon, Making activated. A. C. Stoneman. 2,354,713; Aug. 1.
Carbon monoxide with hydrogen into hydrocarbons, Conversion of. W. Michael and A. Buettner. 2,365,094; Dec. 12.
Carbon oxides, Hydrogenation of. C. E. Hemminger. 2,357,894; Sept. 12.
Carbon pack for manifold typewriters. L. A. Petit. 2,343,796; Mar. 7.
Carbon paper and its holder. W. J. Feitl. 2,363,661; Nov. 28.
Carbon paper support for accounting machines. W. A. Anderson. 2,349,693; May 23.
Carbon production, Active. K. B. Stuart. 2,358,359; Sept. 19.
Carbon removing tool, Adjustable ring groove. C. A. Stine. 2,362,780; Nov. 14.
Carbon-sheet support for typewriters. C. W. Brumhill. 2,344,201; Mar. 14.
Carbon stick attachment for motion picture projection lamps. T. Kuehl. 2,362,281; Nov. 7.
Carbon supply and control for writing machines. C. R. Mabon. 2,339,279; Jan. 18.
Carbon tetrafluoride, Preparing. A. F. Benning and J. D. Park. 2,351,390; June 13.
Carbonaceous coating for glass fibers. H. N. Jones. 2,341,219; Feb. 8.
Carbonaceous material, Thermal treatment of. M. Wilhelm, O. Goehre, G. Free, W. Von Fuener and W. Schneider. 2,355,388; Aug. 8.
Carbonamidine derivatives. M. Hunt and J. E. Kirby. 2,364,074; Dec. 5.
Carbonates, Production of. R. D. Pike. 2,343,080; Feb. 29.
Carbonation, Liquid. C. J. Holinger. 2,339,640; Jan. 18.
Carbonator. C. V. Di Pietro. 2,346,791; May 16.
Carbonic oxide from gases, Method for the removal of. E. Brandt. 2,338,402; Jan. 4.
Carbonizing. E. A. Thurber and L. A. Wooten. 2,356,956; Aug. 29.
Carbonizing metals. H. T. Swanson. 2,344,906; Mar. 21.
Carboxylic acids, Production of unsaturated. H. D. Finch and T. W. Evans. 2,358,775; Sept. 26.
Carboxylic-carbamic anhydrides, Mixed. J. B. Dickey and J. M. Straley. 2,360,210; Oct. 10.
Carbureting apparatus. G. L. Pratt. 2,349,676; May 23.
Carbureting apparatus for internal combustion engines. E. E. Phillips. 2,343,797; Mar. 7.
Carburetion. F. C. Mock and E. O. Wirth. 2,347,427; Apr. 25.
Carburetor. T. M. Ball. 2,358,435; Sept. 19.
Carburetor. G. M. Bicknell. 2,362,879; Nov. 14.
Carburetor. G. M. Bicknell and O. Henning. 2,341,685; Feb. 15.
Carburetor. K. R. Blake. 2,362,346; Nov. 7.
Carburetor. C. E. Bonnier. 2,363,223; Nov. 21.
Carburetor. H. W. Boylan. 2,355,267; Aug. 8.
Carburetor. H. A. Carlson and A. N. Szwargulski. 2,339,320; Jan. 18.
Carburetor. M. E. Chandler. 2,361,993; Nov. 7.
Carburetor. I. E. Coffey. 2,341,694; Feb. 15.
Carburetor. G. R. Ericson and C. E. Markham. 2,346,016; Apr. 4.
Carburetor. S. F. Hunt. 2,348,008; May 2.
Carburetor. H. F. Lee. 2,357,673; Sept. 5.
Carburetor. M. Mallory. 2,363,346; Nov. 21.
Carburetor. H. R. Mason. 2,365,968; Dec. 26.
Carburetor. A. C. Russell. 2,366,056; Dec. 26.
Carburetor. E. H. Shaff. 2,342,975; Feb. 29.
Carburetor. E. H. Shaff. 2,365,910; Dec. 26.
Carburetor. R. Shipman. 2,362,163; Nov. 7.
Carburetor. S. C. Smith. 2,361,132; Oct. 24.
Carburetor. C. R. Snyder. 2,343,815; Mar. 7.
Carburetor. L. F. Stupecky. 2,346,711; Apr. 18.
Carburetor. W. F. Vallier. 2,352,924; July 4.
Carburetor accelerating pump. W. H. Weber. 2,355,346; Aug. 8.
Carburetor, Auxiliary. R. Shipman. 2,363,153; Nov. 21.
Carburetor, Change-over. J. R. Emerson. 2,338,910; Jan. 11.
Carburetor for higher than normal vapor pressure fuels. R. W. Thomas. 2,343,488; Mar. 7.
Carburetor for internal combustion engine. M. Mallory. 2,362,145; Nov. 7.
Carburetor for internal combustion engines. C. G. Pickering. 2,339,105; Jan. 11.
Carburetor, Liquid feed. G. Gerson. 2,344,139; Mar. 14.
Carburetor, Liquid feed. G. Gerson. 2,361,761; Oct. 31.
Carburetor throttle control. I. E. Coffey. 2,340,736; Feb. 1.
Carburetor, Variable fuel orifice. O. L. Garretson. 2,343,451; Mar. 7.
Carburetors, Testing. W. M. Ewart and J. H. Klasey. 2,351,027; June 13.
Carcass dipping apparatus. A. E. Ozouf. 2,342,598; Feb. 22.
Card and the like for sequence sorting. D. A. Nevin. 2,342,517; Feb. 22.
Cardboard box. W. Bamber. 2,354,098; July 18.
Cardboard box. A. T. Rust. 2,346,792; Apr. 18.

Cardboard cover for wire coat hangers. M. H. Friedler. 2,341,607; Feb. 15.
Cardboard display device, Collapsible. J. V. Horr. 2,352,436; June 27.
Cardboard novelty. E. Nudelman. 2,365,098; Dec. 12.
Cardboard or other sheet material, Cutting and coating. L. Roth. 2,338,261; Jan. 4.
Card construction, Folded-greeting. A. T. von Trott. 2,360,916; Oct. 24.
Card controlled mechanism. A. G. Rindfleisch. 2,354,549; July 25.
Card display device. S. H. Winston. 2,360,997; Oct. 24.
Card filing compartment. N. P. Mathiesen. 2,341,639; Feb. 15.
Card for sequence sorting. A. A. Rembold. 2,339,519; Jan. 18.
Card forming and perforating apparatus. W. Leathers. 2,339,288; Jan. 4.
Card game. A. S. Kinney. 2,354,953; Aug. 1.
Card index. R. E. Bauder. 2,341,522; Feb. 15.
Card, Mailing. L. S. Ritter. 2,363,472; Nov. 21.
Card or badge, Identification. N. Whitehead. 2,361,670; Oct. 31.
Card, Postal. G. Weinschenk. 2,365,789; Dec. 26.
Card punching machine. C. R. Doty. 2,357,460; Sept. 5.
Card punching machine. C. D. Lake and F. E. Hamilton. 2,359,046; July 4.
Card punching machine. W. L. Lewis and E. W. Gardinor. 2,346,263; Apr. 11.
Card register. G. L. Anderson and F. C. Ryan. 2,356,495; Aug. 22.
Card, Score. N. J. Musolino. 2,349,452; May 23.
Card, Show. B. Woolf and F. H. Hadley. 2,361,141; Oct. 24.
Card translator. F. A. Hubbard. 2,364,446; Dec. 5.
Cardiometric apparatus. B. W. Williams and H. S. Williams. 2,346,098; Apr. 4.
Cardiometric apparatus. B. W. Williams and H. S. Willis. 2,352,874–5; July 4.
Cargo handling apparatus. J. A. Dorst. 2,353,135; July 11.
Carotene, Concentrating. H. M. Barnett. 2,348,443; May 9.
Carpet. V. H. Bodle. 2,349,236; May 23.
Carpet construction. J. E. Gronenberg. 2,354,256; July 25.
Carpet making apparatus. H. P. Faris and J. E. White. 2,347,916; May 2.
Carpet, underlay or the like and making same. V. H. Bodle and G. W. Blair. 2,339,142; Jan. 11.
Carpets, linings, or the like, Manufacture of. J. Mercier. 2,354,527; Aug. 22.
Carriage control for accounting machines. H. Rauh. 2,356,429; Aug. 22.
Carriage, Drawbench gripper. D. W. T. Evans. 2,344,948–9; Feb. 8.
Carriage escapement device. B. Grady. 2,365,189; Dec. 19.
Carriage for turning lathe cutters, Auxiliary. R. C. Kestrr. 2,339,016; Jan. 11.
Carrier: *See*—
Aircraft bomb carrier.
Amalgam carrier.
Article carrier.
Automobile carrier.
Battery carrier.
Bomb carrier.
Bottle carrier.
Cartridge carrier.
Catalyst carrier.
Collapsible egg carrier.
Convertible infant carrier.
Explosive device carrier.
Golf club carrier.
Heavy duty bottle carrier.
Infant carrier.
Luggage carrier.
Milk bottle carrier.
Motor vehicle top carrier.
Portable article carrier.
Pull rod carrier.
Reel carrier.
Rotary slide carrier.
Skate carrier.
Spare tire carrier.
Spare wheel carrier.
Target carrier.
Tire carrier.
Tote pan carrier.
Carrier. M. G. Prieto. 2,363,619; Nov. 28.
Carrier and discharger, Torpedo. J. D. Langdon. 2,361,949; Nov. 7.
Carrier and positioning means, Light. P. W. Martineau. 2,364,155; Dec. 5.
Carrier current transmission system. M. J. Brown. 2,342,787; Feb. 29.
Carrier for bottles. R. E. Lowey, E. C. Potter, and C. B Kilmer. 2,354,528; July 25.
Carrier for bottles and the like, Collapsible. W. C. Readdaker. 2,352,121. June 20.
Carrier for infants, Protective. A. S. Matthesius. 2,358,410; Sept. 19.
Carrier for overhead conveyer systems. W. G. Wehr. 2,351,727; June 20.
Carrier for transferring tissues. M. W. Olsen. 2,360,616; Oct. 17.
Carrier signal frequency detector. J. J. Okrent. 2,343,263; Mar. 7.
Carrier wave circuit protection. J. O. Weldon. 2,338,556; Jan. 4.
Carrier wave frequency converter. H. B. Fancher. 2,356,551; Oct. 3.
Carriers for containers. J. B. Slevin, Jr. 2,340,230; Jan. 25.
Carrying agent for spice oils and preparing same. R. O. Brown and C. G. Harrel. 2,356,501; Aug. 22.
Carrying case. M. S. Brockman. 2,360,931; Oct. 24.
Carrying device. K. W. and C. B. Burge. 2,339,598; Jan. 18.
Carrying incendiary material, Balloon for. H. T. Kraft and W. C. McCoy. 2,347,163; Apr. 18.
Carrying scraper. H. D. Kads. 2,348,910; May 16.
Carroting and composition therefor. W. C. Mercier. 2,356,681; Aug. 22.
Cart. P. Mosier. 2,350,062; May 30.
Cart, Chair. L. P. Brants. 2,362,186; Nov. 7.
Cart, Two-wheel shopping. F. R. Shaver and H. L. Redfield. 2,364,246; Dec. 5.
Carton. E. L. Arneson. 2,349,241; May 23.
Carton. K. T. Buttery. 2,364,267; Dec. 5.
Carton. N. Cantor. 2,365,863; Dec. 26.
Carton. B. J. Davidson. 2,339,362; Jan. 18.
Carton. G. K. S. Ferguson. 2,351,417; June 13.
Carton. W. P. Frankenstein. 2,365,261; Dec. 19.
Carton. C. H. Goodyear. 2,348,377–8; May 9.
Carton. C. H. Goodyear. 2,363,861; Nov. 28.
Carton. R. Guyer. 2,349,058; May 16.
Carton. R. Guyer. 2,358,923; Sept. 26.
Carton. B. S. Harrington. 2,349,589; May 23.
Carton. H. E. Hines. 2,350,232; May 30.
Carton. W. H. Inman. 2,346,070; May 2.
Carton. S. J. Klein. 2,357,009; Aug. 29.
Carton. L. J. Markwardt and T. A. Carlson. 2,345,350; Mar. 28.
Carton. F. K. Ratcliff. 2,354,543; July 25.
Carton. F. C. Shine. 2,339,224; Jan. 11.
Carton. M. A. Smith. 2,341,397; Feb. 8.
Carton. E. A. Throckmorton. 2,349,020; May 16.
Carton. R. Van Rosen. 2,350,262; May 30.
Carton. R. Van Rosen. 2,360,806; Oct. 17.
Carton. R. W. Vergobbi. 2,351,165–6; June 13.
Carton. L. Wynne and E. C. Potter. 2,339,445; Jan. 18.
Carton. J. A. Zinn, Jr. 2,358,124; Sept. 12.
Carton and blank for forming the same. H. F. Waters. 2,342,439; Feb. 22.
Carton, Cardboard. D. F. Cunningham. 2,365,333; Dec. 19.
Carton, Collapsible. C. B. Bishop. 2,346,003; Apr. 4.
Carton, Collapsible egg. M. H. Sidebotham. 2,344,567; Mar. 21.
Carton, Dispensing. C. L. Gilbert. 2,358,502; Sept. 19.
Carton, Divided. F. W. Broderick. 2,346,206; Apr. 11.
Carton, Divisible. L. P. Grecco. 2,359,986; Oct. 10.
Carton for bottles. G. N. Lee. 2,339,176; Jan. 11.
Carton for ice cream cones. W. S. Watts and G. J. Losson. 2,347,161; Apr. 18.
Carton forming machine. J. G. Vergobbi. 2,364,406; Dec. 5.
Carton including pouring means. W. A. Ringler. 2,338,260; Jan. 4.
Carton, Leakproof. W. H. Inman. 2,355,730; Aug. 15.
Carton or container. R. M. Glover. 2,358,902; Sept. 26.
Carton or container. W. A. Ringler. 2,353,761; July 18.
Carton, Pour spout. K. F. Spalding. 2,362,942; Nov. 14.
Carton, Pouring. F. C. Morgenroth. 2,343,857; Mar. 7.
Carton, Reclosing. R. Guyer. 2,364,439; Dec. 5.
Carton, Reclosure. C. L. Gilbert. 2,360,415; Oct. 17.
Carton rejector, Empty. D. J. Snyder. 2,340,775; Feb. 1.
Carton, Spare lamp. J. L. Shaller. 2,358,664; Sept. 19.
Carton wrapper. S. M. Newman. 2,344,559; Mar. 21.
Cartons, Making. H. A. Carruth. 2,358,789; Sept. 26.
Cartons, Making. O. H. Hultin. 2,342,198; Feb. 22.
Cartoon cell and making same. J. A. Ball. 2,362,980; Nov. 21.
Cartoons, Producing animated. R. Place. 2,351,634; June 20.
Cartridge. J. Schreib. 2,353,934; July 18.
Cartridge. A. L. Yarbrough. 2,362,738; Nov. 14.
Cartridge and spool therefor, Film. J. Mihalyi and J. W. Scott. 2,362,577; Nov. 14.
Cartridge belt link manufacture. P. Moinichen. 2,355,992; Aug. 15.
Cartridge belt, Machine gun. J. A. Otterbein. 2,364,997; Dec. 12.
Cartridge, Blasting. J. Barab. 2,357,068; Aug. 29.
Cartridge box filling device. C. E. Wallick. 2,365,158; Dec. 19.
Cartridge carrier. M. E. Murtaugh. 2,349,107; May 16.
Cartridge case. A. J. J. Lambeek. 2,349,970; May 30.
Cartridge cases, Making. J. F. Babbitt. 2,349,840; May 30.
Cartridge casing and making same. G. A. Lyon. 2,360,354; Oct. 17.
Cartridge casings, Making. G. A. Lyon. 2,360,353; Oct. 17.
Cartridge clip. J. C. Garand. 2,338,107; Jan. 4.
Cartridge clip loading machine. A. C. McCord and A. W. Gardes. 2,344,443; Mar. 14.
Cartridge coating machine. J. E. Turnock and G. D. Noble. 2,348,233; May 9.
Cartridge container machine. A. G. Liebmann. 2,346,691; Apr. 18.
Cartridge containers, Making, packing, and sealing. A. G. Liebmann. 2,352,646; July 4.
Cartridge-deflecting means for repeating firearms. D. M. Williams. 2,355,769; Aug. 15.
Cartridge deflecting means for self-loading repeating firearms. F. L. Humeston. 2,350,460; June 6.

Cartridge disassembling machine. F. E. Costello. 2,340,248; May 23.
Cartridge-ejecting means for firearms. C. G. Swebilius. 2,345,077; Mar. 28.
Cartridge, Explosive. C. H. Bowman. 2,345,654; Apr. 4.
Cartridge, Explosive. J. E. Rothrock. 2,340,695; Feb. 1.
Cartridge, Explosive. R. Temple. 2,348,866; May 16.
Cartridge feed and firing mechanism. H. da Costa. 2,356,304; Aug. 22.
Cartridge feed-belt for machine guns. J. A. Hendley. 2,350,455; June 6.
Cartridge feed-belt for machine guns. J. A. Hendley. 2,350,457; June 6.
Cartridge, feedbelt for machine guns and making the same. J. A. Hendley. 2,342,802; Feb. 29.
Cartridge feed-belt for machine guns and making the same. J. A. Hendley. 2,350,456; June 6.
Cartridge feeder. J. H. Woodberry and F. W. Hoewischer. 2,356,806; Aug. 29.
Cartridge link manufacture. A. E. Borton. 2,347,930; May 2.
Cartridge link manufacture. A. E. Borton. 2,353,632; July 18.
Cartridge loader. E. L. Smith and C. E. Melhorn. 2,339,299; Jan. 18.
Cartridge, Oil conditioner. C. A. Winslow, L. L. Moore, and W. G. Nostrand. 2,347,384; Apr. 25.
Cartridge or shell for chain shots. J. D. Forbes. 2,354,451; July 25.
Cartridge positioning machine. E. A. Jackson. 2,358,930; Sept. 26.
Cartridge, Repackable adjustable oil filter. C. M. Bolser. 2,364,617; Dec. 12.
Cartridge shells and the like, Testing anneal of. J. P. Catlin and G. R. Eckstein. 2,364,129; Dec. 5.
Cartridges, Preparing. G. W. Wacker. 2,338,607; Jan. 4.
Carving device. E. A. Parish. 2,339,690; Jan. 18.
Carving machine structure. J. N. Kirby and E. W. Grumke. 2,342,473; Feb. 22.
Carving rack. F. P. Meyer. 2,338,296; Jan. 4.
Case: *See*—
Accordion case.
Bottle case.
Bottle shipping case.
Carrying case.
Cartridge case.
Chronometer watch case.
Cigarette case.
Clock case.
Cosmetic case.
Garment case.
Key case.
Lipstick case.
Luggage case.
Match case.
Refrigerated case.
Safety razor case.
Shipping case.
Sparking plug packing case.
Spectacle case.
Steering wheel cigarette case.
Traveling case.
Tripod case.
Case and fastening therefor. H. B. Rorke. 2,350,640; June 6.
Case and server, Cigarette. M. L. Goldbert. 2,338,425; Jan. 4.
Case construction, Exhibition. F. L. Michaels. 2,344,161; Mar. 14.
Case for sound films. K. Daniel. 2,341,600; Feb. 15.
Case for typewriters, Carrying. J. Streng. 2,350,260; May 30.
Case hardening. D. A. Holt. 2,339,223; Jan. 11.
Casehardening. D. A. Holt. 2,364,292; Dec. 5.
Case method of handling eggs. K. C. Ferguson. 2,365,182; Dec. 19.
Case packer. W. D. Kimball. 2,350,560; June 6.
Case, token, coin holder, Key. F. J. Reichle. 2,359,154; Sept. 26.
Cash register. D. K. Hughes. 2,338,942; Jan. 11.
Cash register. D. K. Hughes and J. J. Klosterman. 2,349,660; May 23.
Cash register. J. J. Klosterman. 2,342,082; Feb. 15.
Casing: *See*—
Oil refiner pack casing.
Casing and nail file, Combined. J. M. Weiss. 2,357,919; Sept. 12.
Casing float valve. C. N. Percifield, Jr. 2,342,485; Feb. 22.
Casing for gas turbines. A. Schütte. 2,341,664; Feb. 15.
Casing shoe. R. A. Tiemann. 2,340,406; Feb. 1.
Casings, Sealing bore hole. M. Schlumberger. 2,363,269; Nov. 21.
Casket. W. H. Williams. 2,350,084; May 30.
Casket and making same. M. Skolnik. 2,340,208; Jan. 25.
Casket handle. J. J. Tierney. 2,343,127; Feb. 29.
Cassette. R. S. Griswold. 2,360,871; Oct. 24.
Cassette. J. J. Grobe. 2,340,378; Feb. 1.
Cassette. F. T. Powers. 2,359,582; Oct. 3.
Cast article and making. F. K. Vial. 2,352,237; June 27.
Cast iron and its manufacture. L. Reygagne. 2,348,849; May 16.
Cast-iron gas burner. E. R. Koppel. 2,352,329; June 27.
Cast-iron rolls, Heat treatment of. S. L. Feduska. 2,338,171; Jan. 4.
Cast resin mold. F. F. Ellingwood. 2,338,806; Jan. 11.
Cast, Surgical. E. S. Rinaldy. 2,342,695; Feb. 29.
Caster. C. R. Nalle. 2,339,577; Jan. 18.
Caster, Adjustable. C. R. Nalle. 2,365,287; Dec. 19.
Caster, Locking. W. A. Winter, C. G. Rush and W. H. Thiessen. 2,345,442; Mar. 28.
Casting. E. L. A. Camin. 2,361,382; Oct. 31.
Casting. T. G. Jungersen. 2,354,026; July 18.
Casting. T. G. Jungersen. 2,362,136; Nov. 7.
Casting and molding machine, Centrifugal electric. F. E. Bellows. 2,348,322; May 9.
Casting apparatus. G. M. Colburn. 2,357,931; Sept. 12.
Casting apparatus. J. W. McGill. 2,358,175; Sept. 12.
Casting apparatus. R. G. Wilson. 2,364,179–80; Dec. 5.
Casting apparatus for use in machines for casting chocolate and the like. K. C. S. Aasted. 2,340,501; Feb. 1.
Casting apparatus, Metal. R. K. Hopkins. 2,361,101; Oct. 24.
Casting composition. J. R. Hiltner. 2,347,320; Apr. 25.
Casting machine. J. F. Crawford. 2,340,262; Jan. 25.
Casting machine. A. L. Weyhing. 2,347,013; Apr. 18.
Casting machine, Centrifugal. N. Janco. 2,353,339; July 11.
Casting machine, Typographical. J. H. Hilpman. 2,345,748; Apr. 4.
Casting, Method of. H. M. E. Heinicke. 2,357,653; Sept. 5.
Casting procedure. E. H. Zahn. 2,362,875; Nov. 14.
Casting process. J. D. Leighton. 2,352,842; July 4.
Casting, Process for continuous. H. Ruppik. 2,363,695; Nov. 28.
Casting rod. L. Bruce. 2,344,533; Mar. 21.
Casting shot. J. E. Hatfield. 2,349,498; May 23.
Casting target. P. Colaluca. 2,343,002; Feb. 29.
Castings, Producing. J. E. Johnson. 2,350,899; June 6.
Castings, Treatment of. W. G. Edwards and E. L. McCandless. 2,353,657; July 18.
Caste, Cutting. H. G. Fortune. 2,366,017; Dec. 26.
Castor oil, Modified. E. E. Gilbert. 2,361,022; Oct. 24.
Cat shaft assembly for draw works. A. A. Ashton. 2,339,449; Jan. 18.
Catadioptric lens. P. A. Cullman. 2,356,654; Aug. 22.
Catalysis. J. R. Bates. 2,349,243; May 23.
Catalysis. A. H. Schutte. 2,357,694; Sept. 5.
Catalysis. P. L. Veltman. 2,351,562; June 13.
Catalysis, Method of. J. D. Danforth. 2,346,294; Apr. 11.
Catalyst and preparing the same. K. Korpi. 2,347,955; May 2.
Catalyst, Alkylation. R. Rosen. 2,363,264; Nov. 21.
Catalyst carrier. J. A. Bertsch. 2,349,844; May 30.
Catalyst chamber. J. A. Guyer, L. G. Molique, and C. J. Helmers. 2,361,623; Oct. 31.
Catalyst chamber. W. W. Roach and R. E. Vinyard. 2,363,623; Nov. 28.
Catalyst conversion of fluid reactants, Conducting contact. C. L. and E. A. Ocon. 2,344,103; Mar. 14.
Catalyst manufacture. R. E. Burk. 2,342,247; Feb. 22.
Catalyst manufacture. R. E. Burk. 2,342,249; Feb. 22.
Catalyst manufacture. H. V. Hendrix and C. C. Chapman. 2,342,196; Feb. 22.
Catalyst, Manufacture of. H. Pines and R. C. Wackher. 2,341,286; Feb. 8.
Catalyst production. M. H. Gwynn. 2,364,970; Dec. 12.
Catalyst, Reactivation of spent. C. L. Thomas. 2,358,881; Jan. 11.
Catalyst recovery. J. M. Page, Jr. 2,348,408; May 9.
Catalyst, Regenerating a "spent" noble metal oxide hydrogenation. W. J. Kirkpatrick. 2,344,208; Mar. 14.
Catalyst regeneration. T. P. Simpson, J. W. Payne, and J. A. Crowley, Jr. 2,361,571; Oct. 31.
Catalyst regeneration control. R. C. Gunness. 2,344,770; Mar 21.
Catalyst technique, Suspended. R. M. Melaven. 2,347,747; May 2.
Catalyst, Titanium. D. W. Young. 2,344,911; Mar. 21.
Catalysts. P. L. Veltman. 2,364,114; Dec. 5.
Catalysts, Activation of. V. Voorhees. 2,355,831; Aug. 15.
Catalysts, Chromium oxide. G. H. Morey. 2,339,349; Jan. 18.
Catalysts, Filtration and reclamation of cracking. J. H. Hirsch and F. L. Herle. 2,358,509; Sept. 19.
Catalyst for the isomerization of olefins. H. E. Drennan. 2,361,612; Oct. 31.
Catalysts, Handling petroleum. S. G. Keller. 2,338,586; Jan. 4.
Catalysts, Improving. D. G. Blaker and M. P. Matuszak 2,348,780; May 16.
Catalysts, Making. W. A. La Lande, Jr. 2,350,282; May 30.
Catalysts, Manufacture of. J. D. Danforth. 2,339,248; Jan. 18.
Catalysts, Manufacture of. J. D. Danforth. 2,346,012; Apr. 4.
Catalysts, Manufacture of. J. D. Danforth. 2,357,254; Aug. 29.
Catalysts, Manufacture of. E. R. Kanhofer. 2,348,072; May 2.
Catalysts, Manufacture of precipitated. R. E. Burk and E. C. Hughes. 2,363,498; Nov. 28.
Catalysts, Preparation of. A. S. Houghton. 2,339,929; Jan. 25.
Catalysts, Preparation of. V. M. Stowe. 2,364,562; Dec. 5.
Catalysts, Production of. F. A. Sabia. 2,340,021; Jan. 25.
Catalysts, Reactivation of. W. A. Schulze. 2,353,508; July 11.

Catalysts, Reactivation of contact. J. A. Guyer. 2,346,750; Apr. 18.
Catalysts supported on a metallic base, Using comminuted. G. L. Adams. 2,357,570; Sept. 5.
Catalysts, Using cracking. G. C. Connolly. 2,363,231; Nov. 21.
Catalytic alkylation process. P. E. Lobdell and G. L. Matter. 2,346,770; Apr. 18.
Catalytic alkylation process, Multiple stage. C. L. and E. A. Ocon. 2,357,607; Sept. 5.
Catalytic and thermal cracking, Combination. J. M. Barron. 2,349,603; May 23.
Catalytic and thermal cracking, Combination. J. M. Barron. 2,356,744; Aug. 29.
Catalytic and thermal cracking, Combination. H. Wilson. 2,341,671; Oct. 31.
Catalytic apparatus. J. A. Gibb. 2,361,020; Oct. 24.
Catalytic apparatus. G. Roberts, Jr. 2,355,753; Aug. 15.
Catalytic conversion of hydrocarbons. J. G. Allen. 2,361,584; Oct. 31.
Catalytic conversion of hydrocarbons. L. S. Kassel. 2,360,349; Oct. 17.
Catalytic conversion of hydrocarbons. L. C. Kemp. 2,353,832; July 18.
Catalytic conversion of hydrocarbons. R. E. Nagle 2,348,536; May 16.
Catalytic conversion of hydrocarbons with mixed catalysts. A. R. Workman. 2,353,119; July 4.
Catalytic conversion operation. A. L. Conn. 2,349,574; May 23.
Catalytic conversion process. M. T. Carpenter. 2,362,113; Nov. 7.
Catalytic conversion process. N. Fragen. 2,349,821; May 30.
Catalytic conversion process. E. A. Johnson and V. Voorhees. 2,348,009; May 2.
Catalytic conversion process. S. H. McAllister, J. Anderson, and W. E. Ross. 2,360,699–700; Oct. 17.
Catalytic conversion process and apparatus. V. Voorhees. 2,338,894; Jan. 25.
Catalytic conversion system. D. E. Payne. 2,353,495; July 11.
Catalytic conversion system. F. W. Scheineman. 2,353,505; July 11.
Catalytic conversions. M. de Simó and H. A. Cheney. 2,364,583; Dec. 5.
Catalytic conversions, Effecting. G. E. Liedholm. 2,345,487; Mar. 28.
Catalytic conversions, Method and apparatus for. A. J. Abrams. 2,354,353; July 25.
Catalytic cracking. R. F. Ruthruff. 2,340,698; Feb. 1.
Catalytic cracking. J. W. Teter. 2,356,954; Aug. 29.
Catalytic cracking. C. L. Thomas. 2,342,984; Feb. 29.
Catalytic cracking system. J. E. Swearingen. 2,361,978; Nov. 7.
Catalytic cycle stocks, Reconditioning. A. A. Wells. 2,341,405; Feb. 8.
Catalytic dehydrogenation of isopropylbenzene. H. M. Stanley and F. E. Salt. 2,342,980; Feb. 29.
Catalytic dehydrogenation process. M. P. Matuszak. 2,350,628; June 6.
Catalytic demuriation. J. C. Michalek and E. R. Erickson. 2,363,011; Nov. 21.
Catalytic hydrocarbon conversion process. E. W. Thiele. 2,347,299; Apr. 25.
Catalytic hydrocarbon reactions and catalysts therefor. J. W. Jean. 2,355,868; Aug. 15.
Catalytic isomerization. K. C. Laughlin. 2,344,466; Mar. 14.
Catalytic isomerization. K. C. Laughlin. 2,346,768; Apr. 18.
Catalytic isomerization. E. D. Reeves. 2,344,467; Mar. 14.
Catalytic isomerization of olefins. R. E. Burk. 2,342,248; Feb. 22.
Catalytic isomerization process. J. M. Whitely, Jr., and C. S. Lynch. 2,353,098; July 4.
Catalytic materials, Preparing. K. H. Hachmuth. 2,349,904; May 30.
Catalytic method. L. Van Horn and L. J. Kelly. 2,357,365; Sept. 5.
Catalytic method. W. F. Huppke and T. Vermeulen. 2,364,145; Dec. 5.
Catalytic oxidation of ketones. H. Prückner. 2,341,288; Feb. 8.
Catalytic oxidation, Vapor phase. C. R. Downs. 2,340,739; Feb. 1.
Catalytic process. J. A. Guyer. 2,338,581; Jan. 4.
Catalytic process. E. D. Reeves and K. K. Kearby. 2,348,647; May 9.
Catalytic process. W. G. Roesch and F. G. Brueckmann. 2,348,418; May 9.
Catalytic process and apparatus. I. L. Wolk and J. D. Upham. 2,363,274; Nov. 21.
Catalytic process for the treatment of hydrocarbon oils. G. C. Connolly. 2,356,303; Aug. 22.
Catalytic process of dehydrating and heat-bodying. A. E. Rheinneck and S. B. Crecilius. 2,345,358; Mar. 28.
Catalytic racking. R. F. Ruthruff. 2,340,699; Feb. 1.
Catalytic reactions. J. V. Marancik and E. J. Gohr. 2,356,680; Aug. 22.
Catalytic reactions with carbonaceous materials. F. Stoewener and F. Beeke. 2,347,231; Apr. 25.
Catalytic reactor. P. Mather. 2,338,345; Jan. 4.
Catalytic reactor. P. Mather and L. A. Mekler. 2,363,738; Nov. 28.
Catalytic reforming. R. B. Day and E. R. Kanhofer. 2,349,812; May 30.
Catalytic reforming. C. A. Hillman. 2,348,624; May 9.
Catalytic reforming. W. J. Mattox. 2,349,627; May 30.
Catalytic reforming. C. L. Thomas and H. S. Bloch. 2,352,416; June 27.
Catalytic treating apparatus. R. L. Savage. 2,339,882; Jan. 25.
Catalytic treatment of hydrocarbons. E. R. Kanhofer. 2,341,276; Feb. 8.
Catalytic treatment of vapors. V. Voorhees. 2,349,575; May 23.
Catalyzed vapor phase reactions, Executing. F. M. McMillan. 2,351,354; June 13.
Catamenial bandage making machine or the like. L. Schulman. 2,352,228; June 27.
Catamenial device and making same. V. Calhoun. 2,355,628; Aug. 15.
Catapault, Fishing. C. G. Hall. 2,345,043; Mar. 28.
Catch. E. Borchers. 2,342,831–2; Feb. 29.
Catch for bar pins and the like, Safety. A. M. La Paglia. 2,346,767; Apr. 18.
Catch, Safety. E. Morehouse. 2,353,581; July 11.
Cathead, Spinning line. V. S. Harlin. 2,355,861; Aug. 15.
Catheter. R. J. Limbert. 2,340,068; Jan. 25.
Catheter, Peszer. P. A. Raiche. 2,343,579; Mar. 7.
Catheterization compact. E. Porter. 2,346,636; Apr. 11.
Cathode. L. P. Garner. 2,339,392; Jan. 18.
Cathode assembly structure. Z. J. Atlee. 2,350,270; May 30.
Cathode filament. C. J. Warnke. 2,363,028; Nov. 21.
Cathode for discharge tubes. J. O. Aicher. 2,353,635; July 18.
Cathode-ray ignition analyzer. P. S. Christaldi. 2,355,363; Aug. 8.
Cathode ray intensity control circuit. J. J. Mahoney, Jr. 2,343,988; Mar. 14.
Cathode ray oscilloscope observation and recordation, Means and method for. F. W. Frink. 2,344,296; Mar. 14.
Cathode ray scanning apparatus. W. A. Knoop. 2,339,863; Jan. 25.
Cathode ray tube. G. Liebmann. 2,362,808; Nov. 14.
Cathode ray tube. K. Schlesinger. 2,348,853; May 16
Cathode ray tube. H.-H. Wolff. 2,342,778; Feb. 29.
Cathode ray tube. C. J. T. Young. 2,346,810; Apr. 18.
Cathode-ray tube and assembly. A. P. Berjkoff. 2,354,661; Aug. 1.
Cathode ray tube and light beam control means. R. E. Ricketts. 2,365,006; Dec. 12.
Cathode ray tube and process. S. J. Koch. 2,338,336; Jan. 4.
Cathode ray tube circuit. J. B. Maggio. 2,360,356; Oct. 17.
Cathode ray tube control circuit. K. R. Eldredge. 2,360,857; Oct. 24.
Cathode-ray tube, Image enlarging. K. Kohl. 2,350,774; June 6.
Cathode ray tube system. J. de Gier. 2,341,764; Feb. 15.
Cathodes, Activating. E. Lemmers. 2,342,550; Feb. 22.
Cationic aminotriazine-aldehyde resin solutions. H. P. Wohnsiedler and W. M. Thomas. 2,356,718–19; Aug. 22.
Cationic melamine-formaldehyde resin solution. H. P. Wohnsiedler and W. M. Thomas. 2,345,543; Mar. 28.
Cattle dehorner. C. R. Nelson. 2,360,441; Oct. 17.
Cattle marker and muzzle chain, Combined. W. F. Schacht. 2,345,292; Mar. 28.
Caulking compound. D. H. Tollstrup. 2,363,468; Nov. 21.
Caustic soda, Purification of. I. E. Muskat. 2,349,596; May 23.
Caustic solutions, Purification of. I. E. Muskat and F. D. Ayres. 2,354,823; Aug. 1.
Causticizing of waste magnesia products. H. F. Viewes, A. B. Cummins, and T. C. Pond. 2,338,886; Jan. 11.
Cauterizer for fowl and the like, Beak. J. Lyon. 2,359,569; Oct. 3.
Cavity resonator circuit. P. S. Carter. 2,357,314; Sept. 5.
Ceiling system. G. L. Fowles and C. J. Nocar. 2,349,158; May 16.
Celery blanching ring. L. F. Sims. 2,342,876; Feb. 22.
Cell assembling process and apparatus. C. R. Nichols, Jr. 2,355,461; Aug. 8.
Cell, Electrolyser. W. Boller. 2,350,669; June 6.
Cell, Electroplating. T. J. Keating. 2,349,662; May 23.
Cells, Making leakproof dry. H. R. C. Anthony. 2,346,640; Apr. 18.
Cellophane, Moisture-resistant. J. A. Mitchell. 2,350,366; June 6.
Cellular container. R. G. Duthie. 2,358,915; Sept. 26.
Cellular material. C. I. Haney and M. E. Martin. 2,354,260; July 25.
Cellulose acetate, Highly substituted acetone-soluble. E. and W. G. Berl. 2,346,350; Apr. 11.
Cellulose acetate films, Treatment of. H. Freund and F. Deutsch. 2,353,023; July 4.
Cellulose acetate, Manufacture of. C. J. Malm and L. W. Blanchard, Jr. 2,353,255; July 11.

Cellulose acetate propionates and cellulose acetate butyrates having a high propionyl and butyryl content. C. J. Malm. 2,345,406; Mar. 28.
Cellulose acetate solutions, Manufacture of. W. O. Baker. 2,362,182; Nov. 7.
Cellulose acetate staple, Production of. G. S. Hooper. 2,346,258; Apr. 11.
Cellulose acetate, Treatment of. G. Schneider. 2,356,277; Aug. 22.
Cellulose acetate, Wet spinning of. F. P. Alles. 2,339,316; Jan. 18.
Cellulose acetate, Wet spinning of. F. P. Alles. 2,341,586; Feb. 15.
Cellulose acetate yarns, Sizing. J. G. McNally. 2,360,246; Oct. 10.
Cellulose and making, Solubilized. S. M. Edelstein. 2,357,731; Sept. 5.
Cellulose derivative. C. Luckhaupt. 2,339,277; Jan. 18.
Cellulose derivative composition and its use. B. Andersen, E. A. Grenquist and R. H. Ball. 2,349,331; May 23.
Cellulose derivatives, Dyeing. C. M. Croft and W. H. Hindle. 2,344,973–4; Mar. 28.
Cellulose derivatives having affinity for acid dyestuffs, Manufacture of. H. C. Olpin, S. A. Gibson, and J. E. Jones. 2,348,305; May 9.
Cellulose derivatives, Preparation of high molecular. S. Petersen and K. Taube. 2,355,326; Aug. 8.
Cellulose derivatives, Treatment of. D. D. Coffman and J. S. Reese, IV. 2,339,912; Jan. 25.
Cellulose emulsions, Ethyl. C. E. Bergamini. 2,356,025; Aug. 15.
Cellulose ester composition. L. W. A. Meyer. 2,341,464; Feb. 8.
Cellulose ester compositions. W. H. Holst. 2,355,533; Aug. 8.
Cellulose ester having a high propionyl or butyryl content from its reaction mixture, Precipitation of a. C. L. Fletcher and A. W. Crane. 2,339,631; Jan. 18.
Cellulose ester plastics. I. Miller. 2,351,866; June 20.
Cellulose ester, Production of. H. Dreyfus. 2,356,228; Aug. 22.
Cellulose esters and ethers with aminoanthraquinone dyes, Dyeing and printing. P. Grossmann. 2,342,191; Feb. 22.
Cellulose esters containing higher acyl groups, Manufacture of. G. D. Hiatt and C. L. Crane. 2,342,399; Feb. 22.
Cellulose esters, Dyeing. R. Schnegg. 2,347,001; Apr. 18.
Cellulose, Esters of. R. D. Rowley. 2,361,500; Oct. 31.
Cellulose esters, Preparation of. G. W. Seymour and B. B. White. 2,363,091; Nov. 21.
Cellulose esters, Preparing mixed. J. S. Tinsley. 2,353,423; July 11.
Cellulose esters, Stabilization of. B. S. Farquhar and F. Schulze. 2,365,258; Dec. 19.
Cellulose esters, Stabilizing. A. Schuller and R.-G. Tritsmans. 2,352,022; June 20.
Cellulose esters, Treating. W. O. Kenyon and E. C. Yackel. 2,338,587; Jan. 4.
Cellulose ether, Alkali-soluble carboxy-ethyl. L. H. Bock and A. L. Houk. 2,349,797; May 30.
Cellulose ether composition, Water-soluble. R. C. Medl, Jr. 2,362,761; Nov. 14.
Cellulose ether, Solution of water-soluble. W. E. Gloor. 2,350,161; May 30.
Cellulose ethers, Manufacture of. H. Dreyfus. 2,340,177; Jan. 25.
Cellulose ethers, Production of. W. H. Groombridge and J. Downing. 2,362,900; Nov. 14.
Cellulose ethers, Stabilizing. C. J. Malm and C. L. Crane. 2,341,455; Feb. 8.
Cellulosic products, Production of. P. H. Schlosser and K. R. Gray. 2,352,217; Nov. 7.
Cellulose, Moistureproof regenerated. J. A. Mitchell. 2,342,209; Feb. 22.
Cellulose powder. J. Kent. 2,353,243; July 11.
Cellulose production, Dehydrating waste liquors from. T. Ramén. 2,343,027; Feb. 29.
Cellulose ribbons, Manufacture of regenerated. T. F. Hanigan and R. E. Hartman. 2,358,376; Sept. 19.
Cellulose solution and preparing such solution. O. Hecht and E. Gassenmeier. 2,339,012; Jan. 11.
Cellulose to prepare it for esterification, Pretreating. C. J. Malm. 2,358,080; Sept. 12.
Cellulose treatment process. W. E. Hanford and D. F Holmes. 2,339,913; Jan. 25.
Cellulosic cords and yarns, Production of improved. E. T. Lessig and L. Larrick. 2,346,226; Apr. 11.
Cellulosic material to increase its reactivity, Treatment of. R. E. Reeves. 2,344,411; Mar. 14.
Cellulosic materials, Animalizing of. J. Nelles, O. Bayer, W. Tischbein, and F. Baehren. 2,356,079; Aug. 15.
Cellulosic materials, Bleaching. C. A. Hampel. 2,353,823; July 18.
Cellulosic materials by means of diluted mineral acids, Saccharifying. F. C. Boinot. 2,356,500; Aug. 22.
Cellulosic plastic. G. F. Metz. 2,342,478; Feb. 22.
Cellulosic product. R. Ericson. 2,342,611; Feb. 22.
Cellulosic product. C. A. Fourness and J. B. Catlin. 2,339,326; Jan. 18.
Cellulosic product and making same, Compressed. H. K. Linzell. 2,348,081; May 2.
Cellulosic products. C. A. Fourness and J. B. Catlin. 2,341,370; Feb. 8.
Cellulosic products, Manufacturing flexible. G. H. Vuilliet-Durand. 2,348,868; May 16.
Cellulosic sheet materials, Treatment of. J. V. Bauer and D. M. Hawley. 2,350,338; June 6.
Cellulosic structures, Producing. N. L. Cox. 2,347,884; May 2.
Cellulosic structures, Production of. N. L. Cox. 2,347,883; May 2.
Cellulosic structures, Production of. N. L. Cox. 2,364,273; Dec. 5.
Cellulosic textile material, Treatment of. H. W. Stiegler and L. A. Fluck, Jr. 2,339,203; Jan. 11.
Cellulosic textile materials, Treatment of. J. H. MacGregor. 2,356,677; Aug. 22.
Cellulose triacetate composition. C. Bogin. 2,350,300; May 30.
Cement and the like, Plant for treating raw materials in the manufacture of. H. Gygi. 2,361,677; June 20.
Cement applicator. R. A. Smith. 2,343,762; Feb. 29.
Cement composition and making the same. E. W. Scripture, Jr. 2,360,517–19; Oct. 17.
Cement composition and making same. E. W. Scripture, Jr. 2,364,555; Dec. 5.
Cement finishing machine. H. D. Allen. 2,342,445; Feb. 22.
Cement, Quick curing neoprene. L. S. Bake. 2,351,735; June 20.
Cement retainer. M. C. Wilson. 2,338,370; Jan. 4.
Cement, Sound deadening bituminous. H. M. Marc. 2,362,839; Nov. 14.
Cemented hard metals, in particular for tool elements Manufacture of. J. O. Ollier. 2,349,052; May 16.
Cementing and floating equipment for well casing. A. D. Stoddard. 2,352,744; July 4.
Cementing composition for optical assemblies. A. D. Falkoff. 2,358,696; Sept. 19.
Cementing device, Full hole. R. B. Standefer. 2,357,145; Aug. 29.
Cementing of articles, Method and apparatus for the. E. L. Crandell. 2,342,846; Feb. 29.
Cementing machine, Sole margin. W. L. MacKenzie. 2,354,216; July 25.
Cementing tool. F. P. Ausburn and C. C. Winslow. 2,360,311; Oct. 17.
Cementitious construction, Structural reenforced. H. C. Eames. 2,358,758; Sept. 19.
Cementitious objects, Treating. C. A. Owens. 2,354,876; Aug. 1.
Cementitious material. W. E. Sohl and H. N. Stephens. 2,351,641; June 20.
Center drill point extractor. A. W. Epperson. 2,358,153; Sept. 12.
Center-drilling device. K. W. Couse. 2,365,939; Dec. 26.
Center finding device. J. M. Malik. 2,341,875; Feb. 15.
Center locating device. G. L. Behen. 2,348,878; May 16.
Center locating device. H. Hohmann. 2,360,421; Oct. 17.
Center punch. G. K. Townsend, Jr., and J. K. Taniyama. 2,349,567; May 23.
Centering device. J. P. Francesco. 2,364,064; Dec. 5.
Centering device. G. Wahnish and A. F. Cameron. 2,364,497; Dec. 5.
Centering device for drills. C. F. Hartman. 2,338,765; Jan. 11.
Centralizer, Drill steel. E. G. Gartin. 2,365,681; Dec. 26.
Centralizing device. M. D. Martin and K. A. Snell. 2,339,089; Jan. 11.
Centrifugal apparatus. G. R. Anderson. 2,361,906; Nov. 7.
Centrifugal casting apparatus. H. G. Yaruss. 2,338,560; Jan. 4.
Centrifugal chuck. J. L. Johnston. 2,356,245; Aug. 22.
Centrifugal clamp. L. B. Berg. 2,345,786; Apr. 4.
Centrifugal clutch. C. M. Eason. 2,340,415; Feb. 1.
Centrifugal coupling. E. Wittkop. 2,338,476; Jan. 4.
Centrifugal dust separator. A. J. ter Linden. 2,341,671; Feb. 15.
Centrifugal extractor. H. G. Schwarz. 2,342,973; Feb. 29.
Centrifugal extractor and tumbler, Combined. E. F. Wesely. 2,343,102; Feb. 29.
Centrifugal governor. A. D. Draper. 2,338,761; Jan. 11.
Centrifugal governor. L. Hathaway. 2,338,718; Jan. 11.
Centrifugal impeller for aircraft and other uses. H. O. Putt. 2,340,427; Feb. 1.
Centrifugal machine, Electro motor-driven vertical. J. W. Lubberhuisen. 2,340,542; Feb. 1.
Centrifugal molding of concrete products. R. J. van Niekerk. 2,349,213; May 16.
Centrifugal pump. M. H. Arveson. 2,360,464; Oct. 17.
Centrifugal pump. R. R. Boyles and E. A. Wilhelm. 2,350,983; June 13.
Centrifugal pump. R. H. Dixon. 2,348,246; May 9.
Centrifugal pump. H. Hornschuch. 2,349,731; May 23.

Centrifugal pump. W. H. Noble. 2,339,186; Jan. 11.
Centrifugal pump. A. J. Stepanoff. 2,358,744; Sept. 19.
Centrifugal pump. DeW. E. Yates. 2,361,521; Oct. 31.
Centrifugal purging and washing method for sugar mixtures and the like. E. Roberts and G. E. Stevens. 2,347,157; Apr. 18.
Centrifugal separator. L. D. Jones. 2,350,041; May 30.
Centrifugal separator. H. O. Lindgren. 2,344,888; Mar. 21.
Centrifugal separator. J. F. Tholl. 2,358,779; Sept. 26.
Centrifugally controlled governor device. B. Stechbart. 2,362,616; Nov. 14.
Centrifuge. G. A. Rubissow. 2,351,708; June 20.
Centrifuge. K. G. Stern. 2,340,825; Feb. 1.
Centrifuge. E. F. Vilter. 2,360,456; Oct. 17.
Centrifuge drive. C. A. Olcott. 2,349,559; May 23.
Ceramic and making the same, Aluminous. J. A. Heany. 2,339,264; Jan. 18.
Ceramic bodies, Forming pervious. E. Blaha. 2,360,929; Oct. 24.
Ceramic bodies, Molding. E. L. Melton, H. P. Kirchner, and R. C. Benner. 2,361,784; Oct. 31.
Ceramic bubble cap. W. E. Harris. 2,351,855; June 20.
Ceramic denture and producing same, All. P. W. Lee and C. Dietz. 2,341,998; Feb. 15.
Ceramic machine, Universal. H. V. Schweitzer. 2,358,228; Sept. 12.
Ceramic masses, Preparing. F. Garels. 2,350,749; June 6.
Ceramic materials. J. R. Lait. 2,363,067; Nov. 21.
Ceramic mix and preparing the same. C. G. Harman. 2,338,717; Jan. 11.
Ceramic molds. J. R. Thompson. 2,346,626; Apr. 11.
Ceramic pigment. C. J. Harbert. 2,347,630; Apr. 25.
Ceramic process. F. C. Henderson. 2,346,579; Apr. 11.
Ceramic shaped bodies, especially clay tiles, Method and apparatus for the production of. W. Avenhaus 2,356,496; Aug. 22.
Ceramic ware, Process and apparatus for firing. A. P. Watts and K. Schwartzwalder. 2,360,292; Oct. 10.
Cereal food products, Making. L. Kishlar, C. A. Cobb, and F. James. 2,338,588; Jan. 4.
Cereal grains, Treating. T. Earle. 2,340,313; Feb. 1.
Cereals prior to flour milling, Treatment of. F. H. Rogers, K. and E. G. Huzenlaub. 2,358,250; Sept. 12.
Chain: *See*—
Conveyer chain.
Cutter chain.
Mold for casting chain.
Pivoted link chain.
Tentering clip chain.
Tire chain.
Chain. S. J. Bertherman. 2,344,455; Mar. 14.
Chain. F. H. Dalrymple. 2,365,866; Dec. 26.
Chain. A. E. Focke. Re. 22,486; May 30.
Chain. H. H. Vandersee. 2,365,228; Dec. 19.
Chain and attachment. A. W. Lemmon. 2,341,149; Feb. 8.
Chain and bit, Cutter. C. E. Stoltz. 2,354,781; Aug. 1.
Chain and the like, Casting. L. H. Morin. 2,363,801; Nov. 28.
Chain breaker. E. G. Gartin. 2,355,523; Aug. 8.
Chain conveyer, Duplex. F. H. Dalrymple. 2,360,209; Oct. 10.
Chain for tobacco stemming machines. D. W. Brashear. 2,359,824; Oct. 10.
Chain for vehicles, Antiskid. N. H. Copp. 2,344,971; Mar. 28.
Chain hoist. G. W. Benjamin. 2,340,409; Feb. 1.
Chain hoist. C. S. Schroeder. 2,342,091; Feb. 15.
Chain hook. F. Wilson. 2,346,009; Apr. 4.
Chain link. M. R. Dock. 2,347,088; Apr. 18.
Chain net. N. L. Dahlander. 2,342,455; Feb. 22.
Chain, Ornamental. R. J. Beggs. 2,355,944; Aug. 15.
Chain pin injector and ejector tool. H. C. Medley. 2,362,654; Nov. 14.
Chain repair link. W. K. Robbins. 2,357,768; Sept. 5.
Chain repair tool. W. G. Shipman. 2,361,971; Nov. 7.
Chain saw construction. D. J. Smith. 2,356,437; Aug. 22.
Chain saw teeth. J. Day. 2,351,112; June 13.
Chain tread vehicle. J. A. Bombardier. 2,346,351; Apr. 11.
Chain winding mechanism for industrial trucks. B. Ulinski. 2,354,178; July 18.
Chain wrench. A. A. Buice. 2,353,642; July 18.
Chains, Making antiskid. W. J. Boyer. 2,340,171; Jan. 25.
Chair: *See*—
Adjustable chair.
Adjustable reclining chair.
Airplane safety chair.
Baby walker convertible into high chair.
Beauty parlor chair.
Child's chair.
Collapsible chair.
Convertible reclining chair.
Folding beach chair.
Folding chair.
Folding wheel chair.
High chair.
Invalid's chair.
Knockdown easy chair.
Posture chair.
Reclining chair.
Revolving chair.
Screed chair.
Tilt back swivel chair.
Tilting chair.
Tray equipped chair.
Upholstered chair.
Chair. H. T. Benson. 2,364,050; Dec. 5.
Chair. A. R. Boerner. 2,363,935; Nov. 28.
Chair. N. A. DeVries. 2,362,746; Nov. 14.
Chair. F. D. Fields and G. D. Wood. 2,363,054; Nov. 21.
Chair. S. J. Gedris. 2,343,505; Mar. 7.
Chair. L. A. Heddens. 2,347,478; Apr. 25.
Chair. A. L. Johnson. 2,359,918; Oct. 10.
Chair. C. J. Komaska. 2,348,633; May 9.
Chair. L. Larsen and E. P. Klar. 2,360,428; Oct. 17.
Chair. R. K. Lee. 2,365,570; Dec. 19.
Chair. A. Lorenz. 2,353,737; July 18.
Chair. M. K. Orton. 2,351,283; June 13.
Chair. W. J. Sengpiel. 2,347,753; May 2.
Chair. G. D. Wood. 2,364,261; Dec. 5.
Chair and couch, Combined reclining. C. Muskin, and B. Sheinman. 2,351,222; June 13.
Chair and couch, Convertible. F. Hampton. 2,340,845; Feb. 1.
Chair and like supporting structure. K. G. Hann. 2,350,679; June 6.
Chair and the like, Stackable. E. H. Wyatt. 2,362,426; Nov. 7.
Chair base. T. H. Alfreds. 2,342,323; Feb. 22.
Chair base. A. E. Jones. 2,350,399; June 6.
Chair base. G. D. Wood and T. H. Alfreds. 2,342,233; Feb. 22.
Chair construction. J. B. O'Connor. 2,364,093; Dec. 5.
Chair construction. J. B. O'Connor. 2,364,647; Dec. 12.
Chair construction. H. Robinson. 2,362,585; Nov. 14.
Chair iron. A. R. Boerner. 2,354,736; Aug. 1.
Chair iron. H. W. Sheidrick. 2,341,124; Feb. 8.
Chair or seat. C. A. Van Derveer. 2,355,762; Aug. 15.
Chaise lounge, Folding. B. E. Weirick. 2,341,168; Feb. 8.
Chalk trough. L. F. Urbain. 2,338,146; Jan. 4.
Chamber for closed crude oil emulsion treater tanks, Brine filter-skimmer. R. W. Erwin. 2,348,167; May 2.
Chamfering device. J. M. Moody. 2,358,241; Sept. 12.
Chamfering tool. F. Hotchner. 2,364,293; Dec. 5.
Chamfering tool. J. J. Seme. 2,352,348; June 27.
Change maker. C. G. Emerson and L. R. Cook. 2,365,267; Dec. 19.
Change making device. F. F. Daugherty. 2,338,576; Jan. 4.
Change mechanism, Propeller pitch. H. D. Burkhalter, Jr. 2,365,676; Dec. 26.
Change-over device for circular weaving looms. H. Pelcé. 2,356,425; Aug. 22.
Change-over switch. R. K. Shermon. 2,338,674; Jan. 11.
Change-speed gear. R. Chilton. 2,357,502; Sept. 5.
Change-speed gear. M. de Palco. 2,338,415; Jan. 4.
Change-speed gear. T. Kummich. 2,356,522; Aug. 22.
Change-speed mechanism. R. B. Pressler. 2,364,915; Dec. 12.
Change-speed mechanism. L. J. Shorter. 2,348,424; May 9.
Change-speed transmission. O. H. Banker. 2,353,137; July 11.
Change speed transmission. G. T. Randol. 2,348,753; May 16.
Changeable display device. M. P. McCarty and B. Brown. 2,360,780; Oct. 17.
Changeable sign. J. Dow. 2,355,518; Aug. 8.
Changer, Common core frequency. H. M. Huge. 2,364,532; Dec. 5.
Channel cutter attachment for stitching machines. J. Ferrara. 2,343,501; Mar. 7.
Channel selecting circuit. W. H. T. Holden. 2,348,626; May 9.
Character bearing holder. C. F. Mitchel. 2,340,402; Feb. 1.
Character, Producing. J. H. Pollard. 2,339,423; Jan. 18.
Charge control system for storage batteries. F. G. Beetem. 2,358,681; Sept. 19.
Charge forming apparatus. D. H. Cleem. 2,340,453; Feb. 1.
Charge forming device. W. V. Blanc. 2,354,179; July 25.
Charge forming device. F. C. Mock. 2,361,227–8; Oct. 24.
Charge forming device. E. O. Wirth and G. P. Lum. 2,345,168; Mar. 28.
Charge forming system for internal-combustion engine with reuse of exhaust gases. G. L. Pratt. 2,349,675; May 23.
Charge fuming device. F. H. Sharar. 2,349,116; May 16.
Chargeproof cover glass. J. H. Goss. 2,346,483; Apr. 11.
Charge transfer. H. H. Wheeler. 2,353,424; July 11.
Charging apparatus. A. G. Hicks. 2,350,611; June 6.
Charging box for open hearth furnace charging operation. J. W. Forsythe. 2,347,899; May 2.
Charging bucket. I. B. Baker. 2,337,617; Jan. 4.
Charging device for casting machines. G. A. Waldie. 2,363,759; Nov. 28.
Charging lorry, Coke oven. C. Otto. 2,347,964; May 2.
Charging means for transit mixers. L. G. Hilkemeier. 2,360,345; Oct. 17.
Chart. L. S. Williams. 2,353,099; July 4.
Chart, Color. A. H. Adams, Jr. 2,354,493; July 25.

Chassis especially for motor vehicles. M. Wagner. 2,344,378; Mar. 14.
Chassis, Vehicle. C. E. Schuling. 2,348,655; May 9.
Check and closer, Combined door. C. A. Berg. 2,353,384; July 11.
Check and closer, Door. G. L. Danley. 2,355,276; Aug. 8.
Check display mechanism. H. J. Baur and T. E. Kulo. 2,361,363; Oct. 31.
Check for looms, Picker. C. D. Brown. 2,351,188; June 13.
Check for looms, Picker. H. M. Phillips. 2,364,914; Dec. 12.
Check for shuttles, Rebound. W. Hunt. 2,359,560; Oct. 3.
Check, Loom picker. G. E. Utter. 2,354,340; July 25.
Check, Picker stick. F. P. Medeiros. 2,362,916; Nov. 14.
Check strap. J. C. Crocker. 2,350,495; June 6.
Check strap for looms. J. R. Brandon. 2,347,539; Apr. 25.
Check valve. R. Bischoff. 2,356,815; Aug. 29.
Check valve. D. E. Gillum and D. H. Van Riper. 2,354,255; July 25.
Check valve. P. F. Sharp. 2,355,683; Aug. 15.
Check valve assembly. A. L. Parker. 2,339,101; Jan. 11.
Check valve device. J. D. Langdon. 2,347,199; Apr. 25.
Check valve device. J. D. Langdon. 2,352,642; July 4.
Check writer. C. L. Rostock. 2,346,611; Apr. 11.
Cheese and product, Wrapping. D. E. Richardson, J. L. Michel and R. J. Chadbourne. 2,342,969; Feb. 29.
Cheese cutter. R. I. Ricksham. 2,339,722; Jan. 18.
Cheese forming method and apparatus. N. Kraft. 2,352,210; June 27.
Cheese loaves and apparatus, Preparing. C. L. Mitchel and P. Stocklin. 2,358,526; Sept. 19.
Cheese, Making blue veined. N. E. Fabricius and V. H. Nielsen. 2,360,556; Oct. 17.
Cheese packaging. B. F. Davis. 2,361,749; Oct. 31.
Cheese press. E. B. Patrick. 2,362,154; Nov. 7.
Cheese press. T. Petersen. 2,347,793; May 2.
Cheese pressing apparatus. N. J. Peters. 2,362,089; Nov. 7.
Cheese production. N. Kraft. 2,361,775; Oct. 31.
Cheese trier. N. J. Peters. 2,362,090; Nov. 7.
Chemical analyses, Method and apparatus for making. O. Kanner and E. D. Coleman. 2,361,295; Oct. 24.
Chemical apparatus. J. J. Bradley. 2,347,394; Apr. 25.
Chemical apparatus. C. C. Feagley and G. D. Robinson. 2,357,943; Sept. 12.
Chemical blowing agents. G. R. Cuthbertson. 2,360,049; Oct. 10.
Chemical compound. A. C. Cope. 2,339,914; Jan. 25.
Chemical compounds. W. E. Messer. 2,356,682; Aug. 22.
Chemical compounds β-(meta-hydroxyphenyl)- isopropylamines. G. Hildebrandt. 2,344,356; Mar. 14.
Chemical compounds, Preparing. J. G. Lichty and N. V. Seeger. 2,362,648; Nov. 14.
Chemical container. G. C. Irwin. 2,351,267; June 13.
Chemical from the waste heat boiler system of chemical recovery units, Recovery of. C. A. Stone and G. M. Trostel. 2,340,154; Jan. 25.
Chemical manufacture. W. L. Finley. 2,339,692; Jan. 18.
Chemical manufacture. R. B. MacMullin. 2,340,398; Feb. 1.
Chemical manufacture. W. L. Savell. 2,363,150; Nov. 21.
Chemical process. A. A. Draeger and W. B. Franklin. 2,349,415; May 23.
Chemical process. B. M. Filbert. 2,361,465; Oct. 31.
Chemical process. C. E. Hemminger. 2,343,770; Mar. 7.
Chemical process. C. E. Hemminger. 2,358,573; Sept. 19.
Chemical process. C. E. Hemminger. 2,359,310; Oct. 3.
Chemical process. H. F. Kohler. 2,364,451; Dec. 5.
Chemical process. P. E. Kuhl. 2,339,932; Jan. 25.
Chemical process. W. C. Meuly. 2,341,733; Feb. 15.
Chemical process. E. V. Murphree, C. W. Tyson, D. L. Campbell, and H. Z. Martin. 2,360,787; Oct. 17.
Chemical process. E. B. Peck. 2,339,941; Jan. 25.
Chemical process and product. F. J. Soday. 2,350,373; June 6.
Chemical process and product. J. H. Wernts. 2,338,829–30; Jan. 11.
Chemical process and products. R. K. Iler. 2,356,161; Aug. 22.
Chemical processes and products thereof. R. B. Colgate and J. Ross. 2,359,404; Oct. 3.
Chemical pulps into viscose by adding anion active agents, Improving the processing of refined. P. H. Schlosser, K. R. Gray, and E. G. Hallonquist. Re. 22,489; May 30.
Chemical seasoning of wood. F. B. Smith. 2,347,635; Apr. 25.
Chemically heated liquid container. A. Geria. 2,352,951; July 4.
Chemistry. W. P. McDorman. 2,363,188; Nov. 21.
Chest. E. Roos, Jr., and W. H. Ziegler. 2,355,332; Aug. 8.
Chest, Ammunition. C. F. Dupee. 2,358,319; Sept. 19.
Chest for silverware. M. I. Naken. 2,366,046; Dec. 26.
Chewing gum. F. B. Root. 2,366,128; Dec. 26.
Chewing gum material. O. A. Pickett. 2,353,927; July 18.
Chick box. A. B. Thorup. 2,339,729; Jan. 18.
Chick box structure. N. F. Schaefer. 2,350,932; June 6.
Chick shipping box. R. C. Marshall, Jr. 2,349,364; May 23.
Child's chair. C. E. Shay. 2,347,754; May 2.
Child's crib cover. M. Siegelbaum. 2,343,587; Mar. 7.
Child's folding seat. F. O. Aylor. 2,340,788; Feb. 1.
Child's folding seat. F. O. Aylor. 2,340,790; Feb. 1.
Child's vehicle. R. J. Rinehart. 2,344,062; Mar. 14.
Chill, Arc welding. A. W. Burggraf. 2,357,170; Aug. 29.
Chiller, Double pipe expansion. E. A. Edmonds. 2,344,606; Mar. 21.
Chime on winding clocks, Electric. P. Gangemi. 2,363,859; Nov. 28.
Chimney construction. F. G. Landwehr. 2,362,833; Nov. 14.
Chimney coping. M. Albaugh. 2,365,854; Dec. 26.
Chimney structure. E. Zimmerman. 2,358,042; Sept. 12.
Chip ejector, Pneumatic. S. L. Gookin. 2,360,337; Oct. 17.
Chip holder. R. L. Partridge. 2,365,836; Dec. 26.
Chip separator. W. M. McKenzie. 2,356,465; Aug. 22.
Chisel, Dehorning. A. M. Kuhl. 2,338,648; Jan. 4.
Chlorinated aliphatic hydrocarbons, Sweetening. W. Hunt and G. M. Hebbard. 2,359,218; Sept. 26.
Chlorination of chromium bearing materials. I. E. Muskat. 2,349,747; May 23.
Chlorination of chromium bearing materials. I. E. Muskat. 2,361,048; Oct. 24.
Chlorination of propylene in the presence of acetylenes, Selective. E. C. Britton and M. E. Huscher. 2,350,984; June 13.
Chlorine dioxide, Preparation of. C. H. Evans. 2,344,346; Mar. 14.
Chlorine to a liquid stream, Method and apparatus for admitting. G. A. Petroe. 2,361,150; Oct. 24.
Chlorites. Acid aqueous solutions of. J. D. MacMahon. 2,358,866; Sept. 26.
Chlorobutyl-benzene compounds, Making. R. R. Dreisbach. 2,355,850; Aug. 15.
Chlorocaffeine nitrate and nitrite and making them. J. H. Speer. 2,351,844; June 20.
Chlorsulphonic acid, Manufacture of. N. A. Laury. 2,354,464; July 25.
Chock device. S. Rosenzweig. 2,359,941; Oct. 10.
Chocolate and similar materials, Treating. P. Hollstein. 2,348,473; May 9.
Chocolate manufacture. J. G. Rubens. 2,356,181; Aug. 22.
Choke coil, resistor, or the like. H. N. Veley. 2,355,611; Aug. 15.
Choke for internal-combustion engines, Automatic. L. Langhaar. 2,359,998; Oct. 10.
Choke mechanism, Automatic. C. H. Jorgensen. 2,348,544; May 9.
Choke, Removable bottom hole. P. Coonrod. 2,353,652; July 18.
Choke valve. J. C. Fortune. 2,338,759; Jan. 11.
Cholic acid, Preparation of. R. H. Sifferd. 2,346,239; Apr. 11.
Chromane and producing same. O. Hromatka. 2,354,317; July 25.
Chromanes, Amino. O. Hromatka. 2,358,287; Sept. 12.
Chromanes and producing the same. O. Hromatka. 2,358,286; Sept. 12.
Chromanes and their production. W. John and P. Gunther. 2,345,605; Apr. 4.
Chromatograph. P. Avery. 2,360,536; Oct. 17.
Chromium alloy, Electrolytic treatment of. G. J. Beckwith. 2,349,843; May 30.
Chromium chloride, Treating and reducing. C. G. Maier. 2,341,844; Feb. 15.
Chromium iron alloy. J. J. Vetter. 2,340,238; Jan. 25.
Chromium iron alloys, Making. J. J. Vetter. 2,364,257; Dec. 5.
Chromium ores, Treatment of. C. G. Maier. 2,349,801; May 30.
Chromium oxide catalyst. D. G. Blaker. 2,351,094; June 13.
Chromium recovery. M. J. Udy. 2,359,697; Oct. 3.
Chronograph. J. V. Dunham. 2,351,023; June 13.
Chronometer watch case. E. W. Drescher. 2,352,889; July 4.
Chuck. W. J. Faso. 2,365,810; Dec. 26.
Chuck. R. F. Onsrud. 2,345,495; Mar. 28.
Chuck. P. M. Preziosi and J. J. Seme. 2,357,424; Sept. 5.
Chuck. D. Roberts. 2,341,947; Feb. 15.
Chuck. S. Salabes. 2,362,501; Nov. 14.
Chuck. J. J. Seme. 2,353,371; July 11.
Chuck. W. A. Tiede. 2,360,175; Oct. 10.
Chuck, Collet. R. E. Hines. 2,364,212; Dec. 5.
Chuck, Collet. A. M. Stoner. 2,360,908; Oct. 24.
Chuck construction. J. H. Cohen. 2,341,529; Feb. 15.
Chuck, Crankshaft. W. F. Groene. 2,354,258; July 25.
Chuck, Crankshaft. W. F. Groene and H. J. Siekmann. 2,354,009; July 18.
Chuck, Dental. A. Fosdal. 2,360,832; Oct. 24.

Chuck, Double acting. A. M. Stoner. 2,360,907; Oct. 24.
Chuck, Expanding. A. S. Martin. 2,349,447; May 23.
Chuck, Expansible. A. W. N. Johnson. 2,348,819; May 16.
Chuck, Keyless. A. M. Stoner. 2,354,226; July 25.
Chuck, Machine-tool. C. H. Vidal. 2,363,709; Nov. 28.
Chuck, Multiple. P. J. Smith. 2,346,053; Apr. 4.
Chuck, Permanent magnet. J. T. Beechlyn. 2,360,928; Oct. 24.
Chuck, Pneumatic finger. A. C. Goddard. 2,361,763; Oct. 31.
Chuck, Precision. M. L. Benjamin and C. E. Drew. 2,358,500; Sept. 19.
Chuck, Quick-acting or speed. R. W. Goodwin. 2,363,411; Nov. 21.
Chuck retainer, Penetrator. D. F. Sklar. 2,362,941; Nov. 14.
Chuck, Rotatable article gripping. H. F. Phillips. 2,363,899; Nov. 28.
Chuck unit, particularly adapted for stem making machines. J. Ehret, Jr. 2,350,220; May 30.
Chuck, Work. T. Zimmerman. 2,361,142; Oct. 24.
Chucking devices for use in screw and similar machines. A. W. Nelson. 2,343,570; Mar. 7.
Churn and butterworker. A. H. Boileau. 2,359,744; Oct. 10.
Churn cleaning apparatus. S. T. Fauver. 2,363,949; Nov. 28.
Chute. L. W. Schaaff. 2,351,370; June 13.
Chute, Ammunition. H. Adamson. 2,363,219; Nov. 21.
Cigar band. A. Fichman. 2,350,222; May 30.
Cigar box. E. W. Lillienfeld. 2,339,933; Jan. 25.
Cigar bunch forming mechanism. J. P. Durning. 2,362,892; Nov. 14.
Cigar lighter, Electric. P. E. Ashton and E. Fowler. 2,338,565; Jan. 4.
Cigars, Making. J. F. Halstead. 2,343,902; Mar. 14.
Cigarette. L. D. Klingel. 2,339,705; Jan. 18.
Cigarette and like rod forming apparatus, Continuous. D. W. Mollns, F. F. Ruau, and A. Bingham. 2,360,703; Oct. 17.
Cigarette and match dispenser. W. H. Banck. 2,348,442; May 9.
Cigarette and match package, Combined. H. Neivert. 2,351,223; June 13.
Cigarette case. L. J. Du Mais. 2,352,521; June 27.
Cigarette case. P. L. McCoon. 2,339,937; Jan. 25.
Cigarette detecting and correcting apparatus. U. A. Whitaker. 2,357,860; Sept. 12.
Cigarette dispensing device. F. A. Furr. 2,357,818; Sept. 12.
Cigarette dispensing package. E. M. Hadley. 2,339,924; Jan. 25.
Cigarette holder. J. Christensen. 2,356,971; Aug. 29.
Cigarette holder. A. Di Rubbio. 2,346,067; Apr. 4.
Cigarette holder. A. Di Rubbio. 2,365,061; Dec. 12.
Cigarette holder and butt ejector. A. Di Rubbio. 2,355,368; Aug. 8.
Cigarette kickout. C. Arelt. 2,357,801; Sept. 12.
Cigarette lighter. I. Florman. 2,361,759; Oct. 31.
Cigarette machine paster. J. W. Warren. 2,351,565; June 13.
Cigarette-making device. F. J. Jurek. 2,353,340; July 11.
Cigarette making machine. D. W. Molins and C. Best. 2,343,240; Mar. 7.
Cigarette-making machine. F. F. Ruau and H. W. Baldwin. 2,362,225; Nov. 7.
Cigarette making machine, Continuous rod type. F. F. Ruau. 2,353,084; July 4.
Cigarette package. G. Cronmey. 2,342,646; Feb. 29.
Cigarette package. K. M. Foley. 2,353,395; July 11.
Cigarette package. J. Schumann. 2,361,879; Oct. 31.
Cigarette package or the like. L. V. Bell. 2,342,240; Feb 22.
Cigarette package wrapper, Match strip. H. Warp 2,349,217; May 16.
Cigarette paper book. A. G. Kliwer. 2,341,794; Feb. 15.
Cigarette paper booklet. H. H. Straus. 2,351,643; June 20.
Cigarette receptacle. J. Schissler. 2,340,618; Feb. 1.
Cigarette removing device for cigarette packages. M. Suskovits. 2,352,574; June 27.
Cigarette rod former. J. W. Warren. 2,357,785; Sept. 5.
Cigarette-wrapping device. G. L. Rogers. 2,346,397; Apr. 11.
Cigarettes, Manufacture of. W. F. M. Edwards. 2,351,748; June 20.
Cinder collector. E. Rawson. 2,359,441; Oct. 3.
Cinder metering. G. Hyde. 2,353,828; July 18.
Cinder trap. C. H. True. 2,343,209; Feb. 29.
Cinematographic apparatus, Reversible magazine. L. E. Whittaker. 2,341,402; Feb. 8.
Cinematographic film exposure. G. F. Rackett. 2,340,664; Feb. 1.
Cinematographic masking. W. E. Pohl. 2,348,496; May 9.
Cinematographic method and device. L. H. Amdur. 2,357,624; Sept. 5.
Cineole from hydrocarbons, Separation of. D. H. Sheffield. 2,353,319; July 11.
Circle, Interlocking gutter. M. Bachlin. 2,365,973; Dec. 26.

Circuit: *See*—
- Alarm circuit.
- Amplifier circuit.
- Amplitude modulation limiter circuit.
- Arc prevention circuit.
- Audio transmission circuit.
- Automatic arc striking starter circuit.
- Cathode ray intensity control circuit.
- Cathode ray tube circuit.
- Cathode ray tube control circuit.
- Cavity resonator circuit.
- Channel selecting circuit.
- Coded track circuit.
- Control circuit.
- Convertible demodulator circuit.
- Counter circuit.
- Coupling circuit.
- Discharge lamp starting circuit.
- Electric circuit.
- Electric control circuit.
- Electric discharge circuit.
- Electric discharge device circuit.
- Electric power control circuit.
- Electric regulating circuit
- Electric selection controlling circuit.
- Electric valve circuit.
- Electric valve control circuit.
- Electric valve protective circuit.
- Electric wave circuit.
- Electrical circuit.
- Electrical control circuit.
- Electrical timing circuit.
- Electron discharge circuit.
- Electron tube oscillator circuit.
- Electronic tube circuit.
- Fluorescent tube circuit.
- Frequency modulation detector circuit.
- Frequency modulation discriminator circuit.
- Frequency modulation receiver circuit.
- Frequency response control circuit.
- Gaseous discharge lamp circuit.
- Gaseous discharge tube circuit.
- Hearing aid circuit.
- Heating filament circuit.
- Heterodyne elimination circuit.
- Hydraulic circuit.
- Lockout telephone line circuit.
- Measuring circuit.
- Multiband receiver circuit
- Neutralizing circuit.
- Noise limiter circuit.
- Noise reduction circuit.
- Oscillation circuit.
- Oscillograph sweep circuit.
- Phase correction circuit.
- Phase-inverter circuit.
- Power supply circuit.
- Pulse-counting circuit.
- Pulse register circuit.
- Push-pull circuit.
- Radio circuit.
- Radio receiver tone control circuit.
- Radio receiver circuit.
- Record reproduction circuit.
- Rectifier timing circuit.
- Regeneration stabilization circuit.
- Regenerative detector circuit.
- Regulating circuit.
- Relay circuit.
- Signaling circuit.
- Substation circuit.
- Superregenerative receiver circuit.
- Synchronizing circuit.
- Synchronizing pulse separating circuit.
- Telegraph repeater hub circuit.
- Telegraph signal distortion measuring circuit.
- Telephone circuit.
- Telephone instrument circuit.
- Telephone line circuit.
- Telephone transmitter circuit.
- Teletypewriter pay station circuit.
- Television signal control circuit.
- Television signal translating circuit.
- Temperature control circuit
- Thermosensitive control circuit.
- Time delay circuit.
- Traffic locking circuit.
- Transformer circuit.
- Transformer tap-changing circuit.
- Tuned filter circuit.
- Turnable loop antenna circuit.
- Typewriter cord circuit.
- Vacuum tube voltmeter circuit.
- Variable attenuation circuit.
- Voltage control circuit.
- Voltage indicating circuit.
- Wave length modulation circuit.

Circuit breaker. B. P. Baker and H. L. Rawlins. 2,345,724; Apr. 4.
Circuit breaker. C. E. Basley. 2,348,516; May 9.
Circuit breaker. T. M. Cole. 2,362,061; Nov. 7.
Circuit breaker. R. C. Dickinson and W. M. Leeds. 2,340,942; Feb. 8.
Circuit breaker. H. D. Dorfman and L. W. Dyer. 2,345,105; Mar. 28.
Circuit breaker. J. A. Favre. 2,362,257; Nov. 7.
Circuit breaker. R. H. Gibson and W. D. Crocker. 2,348,896; May 16.
Circuit breaker. G. G. Grissinger. 2,340,957; Feb. 8.
Circuit breaker. G. G. Grissinger and T. Lindstrom. 2,356,050; Aug. 15.
Circuit breaker. P. Hutt. 2,360,682; Oct. 17.
Circuit breaker. O. S. Jennings. 2,360,684; Oct. 17.
Circuit breaker. D. W. Johnson. 2,361,848; Oct. 31.
Circuit breaker. A. W. Krieger. 2,342,945; Feb. 29.
Circuit breaker. M. G. Leonard. 2,357,210; Aug. 29.
Circuit breaker. T. Lindstrom and P. O. Langguth. 2,349,531; May 23.
Circuit breaker. J. W. May. 2,357,217; Aug. 29.
Circuit breaker. J. W. May and T. Lindstrom. 2,359,139; Sept. 26.
Circuit breaker. J. W. May and W. H. Stuellein. 2,340,973; Feb. 8.
Circuit breaker. M. K. Parkhurst and L. W. Burch. 2,348,996; May 16.
Circuit breaker. H. P. Pinkham and C. D. Ainsworth. 2,357,603; Sept. 5.
Circuit breaker. W. M. Scott, Jr. 2,348,228; May 9.
Circuit breaker. F. G. von Hoorn. 2,357,151; Aug. 29.
Circuit breaker. L. S. Walle. 2,352,994; July 4.
Circuit breaker. J. Weber. 2,354,162; July 18.

Circuit breaker. K. W. Wilckens. 2,360,922; Oct. 24.
Circuit breaker. W. H. Woods. 2,352,928; July 4.
Circuit breaker and overload protective device. W. E. Stilwell, Jr. 2,358,357; Sept. 19.
Circuit breaker, Arc-extinguishing. H. Perret. 2,347,331; Apr. 25.
Circuit breaker compartment door operated tripping device. W. H. Schymik. 2,364,480; Dec. 5.
Circuit breaker compartment lock operated tripping device. F. E. Myers. 2,364,465; Dec. 5.
Circuit breaker, Compressed air. L. R. Ludwig, B. P. Baker, and J. M. Cumming. 2,342,809; Feb. 29.
Circuit breaker, Electric. C. G. Suits. 2,355,492; Aug. 8.
Circuit breaker equipment, Automatic reclosing. A. E. Anderson and W. P. Simpson. 2,358,136; Sept. 12.
Circuit breaker, Inclosed. R. H. Swingle. 2,354,157; July 18.
Circuit breaker locking device. H. C. Graves, Jr. 2,343,548; Mar. 7.
Circuit breaker mechanism. J. M. Cumming. 2,361,178; Oct. 24.
Circuit breaker mechanism. J. M. Cumming and A. W. Hill. 2,349,650; May 23.
Circuit breaker operating mechanism. O. Jensen. 2,355,075; Aug. 8.
Circuit breaker, Reclosing. E. A. Heman. 2,353,470; July 11.
Circuit breaker system, Automatic reclosing. M. E. Reagan. 2,345,155; Mar. 28.
Circuit breaker systems, Registering means for automatic reclosing. A. E. Anderson. 2,340,635; Feb. 1.
Circuit closer for flashlights. O. T. Wood. 2,359,597; Oct. 3.
Circuit closer for knitting machines. J. Wachaman. 2,339,442; Jan. 18.
Circuit conductor members, Ultra high frequency. C. H. Foulkes. 2,356,044; Aug. 15.
Circuit connecting device. D. J. Oldenboom. 2,353,061; July 4.
Circuit controller. E. E. Arnold. 2,359,075; Sept. 26.
Circuit controller. E. E. Arnold. 2,363,280; Nov. 21.
Circuit controller. G. Bellows, Jr., and E. F. Weiser. 2,341,896; Feb. 15.
Circuit controller. H. L. Bone. 2,363,936; Nov. 28.
Circuit controller. W. L. Butler and G. M. Hausler. 2,341,901; Feb. 15.
Circuit controller. H. L. Lambert. 2,359,042; Sept. 26.
Circuit controller. H. F. More. 2,338,731; Jan. 11.
Circuit controller. R. A. Woods and W. E. Smith. 2,360,998; Oct. 24.
Circuit controller, Cyclic. K. S. Christensen. 2,339,149; Jan. 11.
Circuit controller, Variable. H. L. Lambert. 2,365,642; Dec. 19.
Circuit controlling apparatus. B. O. Austin. 2,351,901; June 20.
Circuit controlling apparatus. D. W. Exner and O. C. Walley. 2,351,945; June 20.
Circuit controlling device. F. D. Johnson and R. Hauser. 2,365,555; Dec. 19.
Circuit controlling device. C. W. Kuhn. 2,362,207; Nov. 7.
Circuit controlling device for flashlights. B. H. Nensel. 2,360,152; Oct. 10.
Circuit for discharge lamps, Starting and operating. C. H. Hodgkins. 2,344,774; Mar. 211.
Circuit for electric discharge devices. J. H. Campbell. Re. 22,503; June 27.
Circuit for electric discharge devices. J. H. Campbell. 2,359,545; Oct. 3.
Circuit for fluorescent lamp, Starting. D. S. Gustin and N. H. Bryant. 2,355,968; Aug. 15.
Circuit for gaseous electric discharge devices, Starting and operating. A. Warsher and M. A. Babb. 2,339,307; Jan. 18.
Circuit for the transmission of electrical oscillations. M. J. O. Strutt, A. van der Ziel, and C. J. Bakker. 2,352,956; July 4.
Circuit for welding apparatus, Monitor. F. Martindell. 2,360,068; Oct. 10.
Circuit interrupter. E. E. Arnold. 2,361,162; Oct. 24.
Circuit interrupter. B. P. Baker and A. H. Bakken. 2,363,283; Nov. 21.
Circuit interrupter. B. P. Baker and H. J. Webb. 2,351,903; June 20.
Circuit interrupter. J. L. Cotter. 2,363,295; Nov. 21.
Circuit interrupter. H. J. Crabbs. 2,345,034; Mar. 28.
Circuit interrupter. H. J. Crabbs. 2,347,030; Apr. 18.
Circuit interrupters. H. S. Gano. 2,340,050; Jan. 25.
Circuit interrupter. F. E. Florschutz. 2,363,307; Nov. 21.
Circuit interrupter. C. H. Hodgkins. 2,361,202; Oct. 24.
Circuit interrupter. J. Horst. 2,343,376; Mar. 7.
Circuit interrupter. R. B. Immel. 2,343,412; Mar. 7.
Circuit interrupter. F. B. Johnson. 2,360,687; Oct. 17.
Circuit interrupter. W. D. Kyle and C. W. Brown. 2,348,394; May 9.
Circuit interrupter. W. M. Leeds. 2,359,127; Sept. 26.
Circuit interrupter. R. H. Leitzel and W. H. Ware. 2,356,069; Aug. 15.
Circuit interrupter. L. R. Ludwig and P. O. Langguth. 2,354,134; July 18.
Circuit interrupter. H. L. Rawlins. 2,359,153; Sept. 26.
Circuit interrupter. H. L. Rawlins. 2,363,360; Nov. 21.
Circuit interrupter. J. Slepian. 2,349,681; May 23.
Circuit interrupter. A. P. Strom. 2,363,370; Nov. 21.
Circuit interrupter. J. M. Wallace. 2,343,723; Mar. 7.
Circuit interrupter. J. M. Wallace. 2,352,048; June 20.
Circuit interrupter, Automatically reclosing. L. R. Ludwig and J. W. May. 2,361,221; Oct. 24.
Circuit interrupting apparatus. H. A. Triplett. 2,353,528; July 11.
Circuit interrupting device. B. P. Baker. 2,365,509; Dec. 19.
Circuit-interrupting device, Reclosing. S. R. Smith, Jr. 2,348,029; May 2.
Circuit maker and breaker. R. E. Lloyd. 2,341,931; Feb. 15.
Circuit making and breaking mechanism. L. H. Scott. 2,341,390; Feb. 8.
Circuit master column type panelboard. W. H. Frank and W. Robertson. 2,343,178; Feb. 29.
Circuit protective equipment. G. A. Matthews. 2,339,025; Jan. 11.
Circuit tester. J. J. Eagan. 2,343,138; Feb. 29.
Circuits, Coded track. H. G. Blosser. 2,365,799; Dec. 26.
Circuits, Diode rectifier. E. W. Kenefake. 2,341,325; Feb. 8.
Circuits for railway traffic control, Coded feed-back. H. A. Thompson. 2,362,419; Nov. 7.
Circuits, Gain control. G. W. Fyler. 2,358,325; Sept. 19.
Circular electric lamp. W. Harrison. 2,339,166; Jan. 11.
Circular motion mechanism. J. P. Putnam. 2,341,741; Feb. 15.
Circular saw device. R. H. Benton. 2,349,133; May 16.
Circular stitching device for sewing machines. C. A. Kessler and H. Ritter. 2,359,713; Oct. 3.
Circulars and their equivalent to articles, Applying. G. W. von Hofe. 2,349,063; May 16.
Circulating and filtering system for swimming pools and the like. R. D. Evans. 2,347,092; Apr. 18.
Circulating liquid heater. J. B. Sando. 2,340,430; Feb. 1.
Circulating system, Coolant. P. F. Barker. 2,364,418; Dec. 5.
Circulation systems of pulp digesters. I. P. Troedsson. 2,359,172; Sept. 26.
Circulator, Air. W. Bandurski. 2,364,935; Dec. 12.
Circulator, Thermo-syphon. E. L. Revard. 2,351,544; June 13.
Circulator, Water. M. O. Thrush. 2,358,670; Sept. 19.
Citric acid by fermentation, Production of. W. Eirenman and M. D. Blumenfeld. 2,364,701; Dec. 12.
Citrous feed, Production of. A. W. Lissauer and J. Credo. 2,362,014; Nov. 7.
Citrus fruit juice extractor. L. A. Fry. 2,350,603; June 6.

Clamp: *See*—
- Beam clamp.
- Bench clamp.
- Bus bar connecting clamp.
- Bus bar supporting clamp.
- Button clamp.
- Cable clamp.
- Centrifugal clamp.
- Concrete form clamp.
- Denture clamp.
- Double-jawed gripping and handling clamp.
- Flask clamp.
- Flexible pipe clamp.
- Garage door clamp.
- Glue clamp.
- Hide-stretching clamp.
- Hose clamp.
- Metal clamp.
- Molding flask clamp.
- Pipe clamp.
- Plate clamp.
- Polished rod clamp.
- Printing plate clamp.
- Quick-acting clamp.
- Rail clamp.
- Safety hose clamp.
- Securing clamp.
- Self-locking clamp.
- Sheet aligning clamp.
- Sheet metal clamp.
- Shoe clamp.
- Skin clamp.
- Snap clamp.
- Splicing clamp.
- Steel plate clamp.
- Surgical bone clamp.
- Tire vulcanizing clamp.
- Toggle clamp.
- Wire bundle clamp.
- Work clamp.
- Work-holding clamp.

Clamp. C. F. Black. 2,339,138; Jan. 11.
Clamp. C. F. Black. 2,349,809; May 30.
Clamp. B. A. Boggs. 2,365,925; Dec. 26.
Clamp. H. A. Brelsford. 2,363,638; Nov. 28.
Clamp. D. H. Finkle. 2,350,550; June 6.
Clamp. G. Lackey. 2,345,269; Mar. 28.
Clamp. C. L. McCullough. 2,355,386; Aug. 8.
Clamp. O. Odell. 2,359,148; Sept. 26.
Clamp. A. P. Petersen. 2,343,699; Mar. 7.
Clamp. C. C. Tetslaff. 2,341,828; Feb. 15.
Clamp. F. C. Wallace. 2,365,787; Dec. 26.
Clamp. M. B. Wetsler. 2,339,897; Jan. 25.
Clamp. W. Worth. 2,361,520; Oct. 31.
Clamp and mounting bracket. G. S. Dow, Jr., and G. W. Onksen, Jr. 2,344,683; Mar. 21.
Clamp and supporting bar for drills. W. G. Smith. 2,340,572; Feb. 1.
Clamp-applying apparatus. F. Redman. 2,350,192; May 30.
Clamp applying tool. H. H. Helbush. 2,339,397; Jan. 18.
Clamp applying tool. E. L. Lipp. 2,352,722; July 4.
Clamp, Connecting. F. S. Sander. 2,349,991; May 30.
Clamp device. H. H. Helbush and E. L. Lipp. 2,345,817; Apr. 4.

Clamp for blankets and the like. R. Bernhardt and J. O. Reinecke. Re. 22,493; June 13.
Clamp for concrete forms. J. W. Keffer. 2,353,831; July 18.
Clamp for fuses, relays, etc. C. E. Hanny. 2,340,746; Feb. 1.
Clamp for holding drill rods or casings. C. S. Davidson. 2,348,811; May 9.
Clamp for metal stretching presses. O. M. Summers. 2,342,437; Feb. 22.
Clamp for roller printing. F. A. Stead. 2,338,877; Jan. 11.
Clamp mechanism, Work. E. Davis. 2,364,196; Dec. 5.
Clamp to hold lines wound on to rolls. C. Sorensen. 2,338,585; Jan. 4.
Clamping device. W. H. Baumgard. 2,356,440; Aug. 22.
Clamping device. A. P. Buquor. 2,363,392; Nov. 21.
Clamping device. C. E. Eales. 2,359,632; Oct. 3.
Clamping device. W. H. Lamb. 2,353,248; July 11.
Clamping device. H. H. Merwin. 2,339,871; Jan. 25.
Clamping device. E. C. Moss. 2,342,059; Feb. 15.
Clamping device. W. E. Parks. 2,364,239; Dec. 5.
Clamping device. S. M. Ransome. 2,355,677; Aug. 15.
Clamping device. C. N. Stover. 2,345,436; Mar. 28.
Clamping device. H. Zimmerman. 2,351,178; June 13.
Clamping device for flexible connectors. L. Roseman. 2,343,708; Mar. 7.
Clamping device for heel-building machines. J. A. McMahon and E. Sydow. 2,348,351; May 9.
Clamping device, Multiple. E. A. Lockwood. 2,354,919; Aug. 1.
Clamping device, Thread-end. C. U. Olson. 2,358,731; Sept. 19.
Clamping hose and couplings. P. L. Wormeley. 2,340,852; Feb. 8.
Clamping machine, Universally adjustable. L. Tyson. 2,347,854; May 2.
Clamping means. F. M. Cowper. 2,348,961; May 16.
Clamping means for force-responsive element. D. W. Blair and F. G. Boucher. 2,349,404; May 23.
Clamping socket attachment. C. M. Blodgett. 2,343,525; Mar. 7.
Clamping support for cables. N. A. Tornblom. 2,358,946; Sept. 26.
Clarifier for oxidizing solutions. E. B. Lewis. 2,352,441; June 27.
Clasp: *See*—
Jewelry clasp.
Clasp. T. Kaiser. 2,345,481; Mar. 28.
Clasp. E. W. Vars. 2,362,681; Nov. 14.
Clasp, Bracelet. E. Rodriguez. 2,355,926; Aug. 15.
Clasp brake. W. H. Baselt. 2,354,972–3; Aug. 1.
Clasp brake. C. E. Tack. 2,359,740; Oct. 10.
Clasp, Diaper and shirt. F. S. Clark. 2,352,147; June 20.
Clasp fastener. F. Howard. 2,352,437; June 27.
Clasp for necklaces, bracelets, and the like. F. Winkler. 2,346,887; Apr. 18.
Clasp or connector for watch bracelets or the like. F. E. Holmquist. 2,363,590; Nov. 28.
Classification. A. W. Fahrenwald. Re. 22,546; Sept. 19.
Classifier. J. H. V. Finney and A. C. Deman. 2,355,851; Aug. 15.
Classifier, Hindered settling. H. L. Mead and E. J. Manst. 2,358,181; Sept. 12.
Classifying machine. R. K. Barry. 2,343,042; Feb. 29.
Classifying process and apparatus. J. A. Brusset. 2,350,643; Aug. 22.
Claw coupling with synchronising device. A. Guter and A. Maier. 2,338,428; Jan. 4.
Clay, Bleaching. I. Williams. 2,339,594; Jan. 18.
Clay, Bleaching. I. Williams and N. Milliman. 2,339,595; Jan. 18.
Clay to molds in the manufacture of pottery ware, Method and apparatus for feeding plastic. G. J. Groninger. 2,356,829; Aug. 29.
Cleanable filter. E. L. Skinner. 2,354,150; July 18.
Cleaner: *See*—
Air and gas cleaner.
Air cleaner.
Black board eraser cleaner.
Boiler cleaner.
Burner fuel pipe cleaner.
Coal cleaner.
Cotton cleaner.
Curb box cleaner.
Ditch cleaner.
Explosive screen cleaner.
Facial cleaner.
Film cleaner.
Fluid heater cleaner.
Gas cleaner.
Grease-knife cleaner.
Hygenic cleaner.
Jewelry cleaner.
Mechanical paint-brush cleaner.
Oil cleaner.
Precipitation type oil cleaner.
Smoker's pipe cleaner.
Soy bean cleaner.
Street cleaner.
Suction cleaner.
Vacuum cleaner.
Windshield cleaner.
Cleaner and silencer, Air. B. Steensen. 2,340,152; Jan. 25.
Cleaner and sterilizer for cream containers, Hot air. S. K. Jensen. 2,346,310; Apr. 11.
Cleaner for soldering irons. A. Sturtevant. 2,365,022; Dec. 12.
Cleaner, Suction. M. D. Stahl. Re. 22,445; Feb. 22.
Cleaner with double wash water box. C. E. Fraser. 2,346,215; Apr. 11.
Cleaning and disinfecting composition. G. Endres. 2,348,795; May 16.
Cleaning and renovating waste. T. R. Booth. 2,348,597; May 9.
Cleaning and reoiling device for air cleaners. R. W. Hanson. 2,355,725; Aug. 15.
Cleaning apparatus. F. Breckenridge. 2,343,743; Mar. 7.
Cleaning apparatus. F. Breckenridge and R. J. Ridge. 2,356,817; Aug. 29.
Cleaning apparatus. W. C. Bruckman. 2,356,818; Aug. 29.
Cleaning apparatus. A. Clarkson. 2,350,876; June 6.
Cleaning apparatus. T. C. Crowley. 2,365,250; Dec. 19.
Cleaning apparatus. E. E. Franz. 2,364,704; Dec. 12.
Cleaning apparatus for cylinder heads. F. C. Arey and DeL. B. Hibner. 2,338,081; Jan. 4.
Cleaning article. M. Carter. 2,339,547; Jan. 18.
Cleaning cloth. G. T. Blood. 2,341,354; Feb. 8.
Cleaning composition. M. E. Parker and P. W. Bonewits. 2,338,688; Jan. 4.
Cleaning composition. H. D. Rench. 2,344,268; Mar. 14.
Cleaning composition and process. M. I. Bowman and H. Packer. 2,356,747; Aug. 29.
Cleaning compositions for rugs, upholstery, furs, and the like. G. H. Edwards. 2,364,606; Dec. 12.
Cleaning device. A. Z. Bendar. 2,357,446; Sept. 5.
Cleaning equipment. C. M. Cain. 2,340,366; Feb. 1.
Cleaning implement for firearms. C. W. Gilligan. 2,361,395; Oct. 31.
Cleaning installation. J. F. Malsbary and W. W. Taylor. 2,355,882; Aug. 15.
Cleaning machine. J. F. Malsbary and W. W. Taylor. 2,345,614; Apr. 4.
Cleaning machine. A. P. Schuls. 2,353,368; July 11.
Cleaning machine, Dry. L. E. Berry. 2,346,648; Apr. 18.
Cleaning means for hydraulic cells. V. T. Moore. 2,348,260; May 9.
Cleaning pad. E. T. Cox. 2,345,730; Apr. 4.
Cleaning pad. D. P. Israel. 2,363,064; Nov. 21.
Cleaning the platens of facing machines. J. G. Lander. 2,360,778; Oct. 17.
Cleaning tool. L. I. Wilson. 2,343,604; Mar. 7.
Cleaning well screens. J. M. Reynolds. 2,362,403; Nov. 7.
Cleanser, Denture. J. A. Hopkins. 2,362,487; Nov. 14.
Cleansing and polishing medium for dentifrices or the like. G. T. Fielding. 2,343,651; Mar. 7.
Cleansing article, Porous rubber. C. J. Schellings. 2,341,818; Feb. 15.
Clearer for roving or spinning frames. J. L. Truslow and H. L. Thomas. 2,362,782; Nov. 14.
Clearer roll for spinning frames. J. G. Kershaw. 2,346,381; Apr. 11.
Clearing land of trees. A. W. Evans. 2,361,931; Nov. 7.
Cleat. J. H. Boye. 2,340,924; Feb. 8.
Clevis joint. F. W. N. Dufield and P. J. H. Riley. 2,344,808; Mar. 21.
Climber. R. L. Woodbury. 2,362,518; Nov. 14.
Clinker disposal means. E. J. Anderson. 2,359,279; Oct. 3.
Clinker rings, Formation of. P. Coiffu. 2,344,391; Mar. 14.
Clinkering characteristics of coal, Predetermining and controlling the. R. S. Weimer. 2,347,140; Apr. 18.
Clinkering coal and producing same. E. Swartzman. 2,364,828; Dec. 12.
Clip: *See*—
Battery clip.
Cartridge clip.
Collector brush clip.
Combination binder and clip.
Conduit supporting clip.
Connector clip.
Ear clip.
Electromagnetic tenter clip
Floor clip.
Floor securing clip.
Hose or band clip.
Jewelry clip.
Line supporting clip.
Munitn assembly clip.
Safety fluorescent lamp clip.
Securing clip.
Sheet metal fabric clip.
Shell clip.
snap-on clip.
Shielded lock clip.
Supporting clip.
Terminal clip.
Wall clip.
Wire supporting clip.
Wide molding
Window screen clip.
Clip. W. R. Atkinson. 2,357,375; Sept. 5.
Clip. O. C. Eckel. 2,365,629; Dec. 19.
Clip. H. S. Hasselquist. 2,343,058; Feb. 29.
Clip. W. E. Kennison. 2,343,062; Feb. 29.
Clip. L. W. Schaaff. 2,341,121; Feb. 8.
Clip. W. E. White. 2,355,767; Aug. 15.
Clip and its removing tool, Combination. E. W. Delph. 2,341,024; Feb. 8.
Clip and pencil holder. E. B. Briggs. 2,353,385; July 11.
Clip applicator, Magazine type suturing. F. R. Maskrey. 2,359,574; Oct. 3.
Clip for control knobs, Attaching. J. Nirdlinger. 2,363,194; Nov. 21.
Clip for hoses and the like. R. C. S. Jamie. 2,362,901; Nov. 14.
Clip for supporting conduits. H. R. Ellinwood. 2,359,209; Sept. 26.
Clip for wires and conduits, Bulkhead. A. Robertson. 2,362,160; Nov. 7.
Clip for wires, Supporting. E. M. Morehouse. 2,342,958; Feb. 29.
Clip loading machine. J. C. Garand. 2,345,593; Apr. 4.
Clip magazine for rifles, Multiple. J. H. Carithers. 2,345,031; Mar. 28.

Clip to form necktie knots. R. G. Barreto. 2,349,842; May 30.
Clips having closing worm gears, Manufacture of band. C. W. Cheney. 2,346,906; Apr. 18.
Clock. I. A. Frostling and E. G. Karlsson. 2,348,120; May 2.
Clock. E. M. Goldsmith, Jr. 2,343,613; Mar. 7.
Clock. C. Jauch. 2,345,260; Mar. 28.
Clock. W. H. May. 2,344,466; Mar. 14.
Clock. M. E. Schlenker. 2,361,128. Oct. 24.
Clock. J. Sliversteen. 2,347,516; Apr. 25.
Clock. H. D. Werts. 2,363,763; Nov. 28.
Clock, Alarm. O. F. Beardsley. 2,350,578; June 6.
Clock, Alarm. M. E. Schlenker. 2,360,589; Oct. 17.
Clock balance wheel. P. J. McCullough. 2,362,836; Nov. 17.
Clock case. R. D. Heymann. 2,350,164; May 30.
Clock control for radios. J. T. Stattner. 2,357,061; Aug. 29.
Clock, Cyclometer. A. Holsner. 2,351,814; June 20.
Clock, Electric. T. B. Gibbs and J. Fink. 2,340,182; Jan. 25.
Clock, Electric. T. B. Gibbs and J. Fink. 2,357,645; Sept. 5.
Clock movement, Alarm. H. Junghans. 2,338,944; Jan. 11.
Clockwork escapement. G. Honger. 2,354,020; July 18.
Close-fit connector. G. E. Reed. 2,362,664; Nov. 14.
Closer, Door or gate. B. Strosnider. 2,343,817; Mar. 7.
Closet construction, Water. H. F. Weaver. 2,359,701; Oct. 3.
Closet, Knockdown. C. Rosenthal. Re. 22,425; Jan. 25.
Closing and clamping device. M. Gerendas. 2,338,927; Jan. 11.
Closing and locking mechanism for doors. C. E. Arthur. 2,355,025; Aug. 1.
Closing machine. H. B. Peterson. 2,351,633; June 20.
Closure: *See*—
Container closure.
Lacing closure.
Closure. L. H. Britton. 2,339,455; Jan. 18.
Closure. F. Gasche. 2,352,192; June 27.
Closure. W. H. Hendricks. 2,352,382; June 27.
Closure. A. Isele. 2,339,702; Jan. 18.
Closure. W. W. Leary. 2,359,924; Oct. 10.
Closure. H. G. Morner. 2,355,816; Aug. 15.
Closure. E. J. Nawoj and J. Storner. 2,340,419; Feb. 1.
Closure. R. M. Runge. 2,344,327; Mar. 14.
Closure. H. Wolcott. 2,342,095; Feb. 15.
Closure and applicator rod assembly. S. T. Moreland. 2,344,471; Mar. 14.
Closure and cleaner, Nozzle. J. E. Pitts. 2,364,164; Dec. 5.
Closure and making the same, Bag. H. Anderson. 2,358,125; Sept. 12.
Closure and mounting, Transparent. T. H. McClain. 2,351,991; June 20.
Closure applying machine. W. H. Newey. 2,359,932; Oct. 10.
Closure, Bottle. A. Netalova and A. Wolfova. 2,354,043; July 18.
Closure, Bottle. H. Rubin. 2,365,598; Dec. 19.
Closure, Can. A. W. Gardes. 2,364,206; Dec. 5.
Closure caps, Making. L. A. Yon Till. 2,362,421; Nov. 7.
Closure caps, Threading. A. L. Merolle. 2,348,085; May 2.
Closure, Collapsible tube. J. A. Murray. 2,357,421; Sept. 5.
Closure device for handholes or openings. J. Martin. 2,338,192; Jan. 4.
Closure fastener. H. S. Brown. 2,354,498; July 25.
Closure fastener. R. B. Jones. 2,357,007; Aug. 29.
Closure for bags. D. F. Larkin. 2,343,678; Mar. 7.
Closure for bags, pocketbooks, and other containers. H. Mock. 2,358,653; Sept. 19.
Closure for battery box covers. R. Reppert. 2,344,412; Mar. 14.
Closure for bottles, jars, and other containers. C. D. Magnesen. 2,339,343; Jan. 18.
Closure for bottles, jars, and similar containers. C. D. Magnesen. 2,347,605; Apr. 25.
Closure for cans. L. O. Grice. 2,365,695; Dec. 26.
Closure for collapsible tubes. J. W. Mossett. 2,364,307; Dec. 5.
Closure for containers in general. G. E. C. Kraft. 2,347,417; Apr. 25.
Closure for containers, Inner. W. Wild. 2,358,270; Sept. 12.
Closure for explosive cartridges, End. C. R. Johnson, W. S. Pilcher, and C. B. Stanley. 2,352,549; June 27.
Closure for flexible pocket receptacles. W. R. Buxton. 2,347,078; Apr. 18.
Closure for jars and the like. G. Glocker. 2,357,322; Sept. 5.
Closure for paper containers. F. J. O'Brien. 2,363,352; Nov. 21.
Closure for sheet-metal container openings. H. W. Dodson. 2,343,286; Mar. 7.
Closure for slotlike apertures. L. W. Schaaff. 2,353,086; July 4.
Closure for vehicle bodies. R. A. Fontaine. 2,354,450; July 25.
Closure liner. J. P. Curran. 2,357,581; Sept. 5.
Closure locking device. A. B. Cleveland, E. G. Haag, and C. L. Ray. 2,338,622; Jan. 4.
Closure means for container openings. H. W. Dodson. 2,365,178; Dec. 19.
Closure mechanism. H. G. Skaller. 2,355,475; Aug. 8.
Closure member and applying same. L. G. Copeman. 2,356,825; Aug. 29.
Closure operator. C. W. Larsen. 2,361,040; Oct. 24.
Closure or sealing means for paper or cardboard receptacles. W. Marcus and A. Baum. 2,352,559; June 27.
Closure, Plug type pipe. J. W. Gallop. 2,356,987; Aug. 29.
Closure, Pour-out. O. E. Kuhlman. 2,362,905; Nov. 14.
Closure reforming method and apparatus. J. W. Thomas. 2,339,119; Jan. 11.
Closure seal. W. S. Reynolds. 2,359,940; Oct. 10.
Closure structure. D. Felder and E. W. Fiss. 2,338,629; Jan. 4.
Closure structure, Dispensing. E. M. Houghton. 2,358,329; Sept. 19.
Closure unit for containers. R. W. Thomas. 2,357,620; Sept. 5.
Closures, Method and machine for making. K. B. Geertsema. 2,348,464; May 9.
Closures to containers, Applying. E. E. Hogg. 2,362,009; Nov. 7.
Closures to containers, Method and apparatus for applying. J. W. Thomas. 2,358,889; Sept. 26.
Cloth cutting machine. F. H. Ogden. 2,343,202; Feb. 29.
Cloth drying process and apparatus. H. D. Learnard. 2,341,504; Feb. 8.
Cloth during finishing, Handling. A. Eddy. 2,357,730; Sept. 5.
Cloth laying apparatus. T. R. Scoles, W. Higgins and L. Jeter. 2,358,188; Sept. 12.
Cloth laying-up machine, Automatic. H. W. Gilbert, W. Deichmann, and J. E. Frei. 2,360,869; Oct. 24.
Cloth measuring and tubing machine. G. W. Lane. 2,360,609; Oct. 17.
Cloth, Method of and apparatus for treating. G. A. Stone. 2,344,181; Mar. 14.
Cloth or garments, Making. L. B. Strauss. 2,366,070; Dec. 26.
Cloth shearing machine. J. W. Hogue. 2,360,228; Oct. 10.
Cloth shrinking machine. G. A. Schreiner. 2,346,190; Apr. 11.
Cloth, soap pad, and massager, Combination bath. E. Schirmer. 2,363,697; Nov. 28.
Cloth spreading device. W. H. Shields. 2,350,071; May 30.
Cloth-spreading machine. T. J. Gundlach. 2,355,526; Aug. 8.
Cloth take-up mechanism for looms. J. W. Jones. 2,364,534; Dec. 5.
Clothes drier. W. E. Horstkotte. 2,356,930; Aug. 29.
Clothes drier. J. S. Thompson. 2,353,374; July 11.
Clothes drying rack. S. Wigod. 2,360,089; Oct. 10.
Clothes for electrochemical diaphragms and preparing same. K. Weber and G. Bode. 2,342,230; Feb. 22.
Clothes hanger. B. J. Smyth. 2,345,509; Mar. 28.
Clothes hanger. P. L. Wentz. 2,360,458; Oct. 17.
Clothesline and holder therefor, Pulley. J. Waldheim. 2,363,564; Nov. 28.
Clothesline prop. F. Arrowsmith. 2,356,908; Aug. 29.
Clothesline support. J. C. Knourek. 2,346,222; Apr. 11.
Clothes or garment hanger. W. M. Gallagher. 2,360,119; Oct. 10.
Clothespin. F. Santora. 2,360,164; Oct. 10.
Clothespin, Multiple purpose. E. Allred. 2,358,373; Sept. 19.
Clothes support. B. E. Lloyd. 2,364,860; Dec. 12.
Clothing, Air-pervious. A. Barone. 2,353,984; July 18.
Clothing for use in fabric brushing machines. J. W. McCarthy and W. H. Lee. 2,340,069; Jan. 25.
Club, Golf. M. B. Reach. 2,363,991; Nov. 28.
Clutch: *See*—
Automatic clutch.
Automatic handwheel clutch.
Automatic power release clutch.
Balking ring clutch.
Centrifugal clutch.
Double cone clutch.
Electromagnetic multiple-desk clutch.
Fluid pressure clutch.
Fluid pressure controlled clutch.
Friction clutch.
Helix clutch.
Hydraulic clutch.
Impact clutch.
Internal expanding friction clutch.
Jamming clutch.
Magnetic clutch.
One-way clutch.
Overload clutch.
Overload release clutch.
Pin stem clutch.
Plate clutch.
Power take-off clutch.
Quiet-ratcheting jaw clutch.
Single position clutch.
Synchronizing clutch.
Synchro-shifting transmission clutch.
Torque limiting clutch.
Two-way overrunning clutch.
Variable-speed clutch.
Clutch. J. L. Aasland. 2,341,170; Feb. 8.
Clutch. D. A. Baird. 2,349,132; May 16.
Clutch. R. Beringer. 2,341,075; Feb. 8.
Clutch. J. C. Cantley. 2,357,874; Sept. 12.
Clutch. W. H. DeLancey. 2,361,678; Oct. 31.
Clutch. A. Y. Dodge. 2,355,710; Aug. 15.
Clutch. G. E. Flinn. 2,359,952; Oct. 10.
Clutch. H. D. Geyer. 2,359,104; Sept. 26.
Clutch. A. E. Masek. 2,342,880; Feb. 29.
Clutch. G. J. Meyer. 2,365,093; Dec. 12.

Clutch. C. B. Spase. 2,349,996; May 30.
Clutch. C. B. Spase. 2,354,621; July 25.
Clutch. J. E. Vetorino and N. R. Gendron. 2,360,378; Oct. 17.
Clutch. G. W. von Hofe and P. A. Ketchpel. 2,360,630; Oct. 17.
Clutch. W. S. Wolfram. 2,359,184; Sept. 26.
Clutch and bearing, Combined. C. E. Swenson. 2,342,227; Feb. 22.
Clutch and bearing, Combined one-way. A. Y. Dodge. 2,365,062; Dec. 12.
Clutch and brake mechanism. G. M. Mierley. 2,345,410; Mar. 28.
Clutch and brake mechanism. W. J. Peets and J. Roll. 2,340,612; Feb. 1.
Clutch and brake mechanism. W. J. Peets and J. Roll. 2,348,025; May 2.
Clutch and gearing controls. E. A. Thompson. 2,362,418; Nov. 7.
Clutch and power transmission unit. R. G. Le Tourneau. 2,344,046; Mar. 14.
Clutch and shifter assembly, Power driven. E. S. Bartlett and E. R. Eldridge. 2,352,596; July 4.
Clutch and transmission. D. J. Dolan. 2,338,693; Jan. 4.
Clutch assembly for ferruling machines. M. O. Searle. 2,351,155; June 13.
Clutch construction for power drives, Reversing. W. C. Starkey. Re. 22,486; May 23.
Clutch control. W. W. Criley. 2,342,645; Feb. 29.
Clutch control and gear shifting mechanism, Combined. H. W. Hey and J. G. Ingres. 2,348,435; May 9.
Clutch control means. F. W. Avila. 2,341,756; Feb. 15.
Clutch control mechanism. C. A. Brewer. 2,346,535; Apr. 11.
Clutch control mechanism. R. H. Casler. 2,362,242; Nov. 7.
Clutch control mechanism. C. M. Eason. 2,348,891; May 16.
Clutch control mechanism. W. A. Eaton. 2,344,399; Mar. 14.
Clutch control mechanism. H. W. Hey and J. G. Ingres. 2,366,469; Dec. 19.
Clutch control mechanism. J. G. Ingres. 2,339,701; Jan. 18.
Clutch control mechanism. J. G. Ingres. 2,365,470; Dec. 19.
Clutch control mechanism. A. R. Leukhardt. 2,341,631; Feb. 15.
Clutch device. N. D. Levin. 2,362,647; Nov. 14.
Clutch diaphragm spring. H. Gass. 2,356,310; Aug. 22.
Clutch drive. R. L. Brownlee. 2,344,593; Mar. 21.
Clutch for automobiles. R. Fuchs. 2,350,745; June 6.
Clutch for fare registers. H. Y. Mageoch. 2,347,425; Apr. 25.
Clutch for portable power-driven tools. J. M. Schmied. 2,334,358; Jan. 4.
Clutch mechanism. A. F. Bradley. 2,365,244; Dec. 19.
Clutch mechanism. K. C. Bugg. 2,347,243; Apr. 25.
Clutch mechanism. J. A. Fetie. 2,340,655; Feb. 1.
Clutch mechanism. B. T. Malachowski. 2,350,627; June 6.
Clutch mechanism. A. T. Nabstedt. 2,350,411; June 6.
Clutch mechanism. T. I. Praysiecki. 2,338,257; Jan. 4.
Clutch mechanism. W. H. Silver. 2,346,514; Apr. 11.
Clutch mechanism. C. G. Strandlund. 2,358,261; Sept. 12.
Clutch mechanism. J. G. Vincent. 2,341,747; Feb. 15.
Clutch mechanism for accounting machines. H. Rauh. 2,344,410; Mar. 14.
Clutch mechanism for calculating machines. H. T. Avery. 2,365,325; Dec. 19.
Clutch mechanism, One-way. J. E. Andreau. 2,349,925; May 30.
Clutch operation means. E. W. Clements. 2,349,239; May 23.
Clutch operating mechanism. C. M. Eason. 2,345,244; Mar. 28.
Clutch or brake operating mechanism. J. G. Ingres. 2,365,960; Dec. 26.
Clutch structure. C. Gerst. 2,358,492; Sept. 19.
Clutch tap and die holder. J. F. Allen. 2,363,379; Nov. 21.
Clutch telecommunication selector switches. G. Deakin. 2,343,912; Apr. 18.
Clutch unit. O. R. Peterson. 2,361,120; Oct. 24.
Clutches of mechanically propelled vehicles, Actuating the. P. A. Scott-Iversen. 2,345,860; Apr. 4.
Coagulant composition. G. T. Buchanan. 2,348,165; May 2.
Coagulating bath containing cation-active inhibitors. R. S. Bley. 2,345,570; Apr. 4.
Coagulum for purifying water, Producing. O. E. Andrus. 2,359,281; Oct. 3.
Coal and gas range with automatic oven heat control, Combination. A. Stockstrom and G. P. Eichelsbach, Jr. 2,353,278; July 11.
Coal cleaner. M. A. Kendall and C. C. Moore. 2,356,293; Sept. 12.
Coal distributing apparatus for stokers. W. T. Hanna. 2,351,960; June 20.
Coal for conversion into metallurgical coke. Preparing. C. Otto. 2,353,752; July 18.
Coal mine haulage vehicle. R. S. Bigelow. 2,359,889; Oct. 10.
Coal-mining machine. C. E. and R. T. Hair. 2,346,676–9; Apr. 18.
Coal particles or dust and the like, Allaying and binding. L. F. Bornstein. 2,346,650; Apr. 18.
Coal slurries for transportation, Preparation of. B. B. McConnell and E. Kropp. 2,359,325; Oct. 3.
Coal-tar derivatives and the like, Sur-refining of. B. B. Corson. 2,346,664; Apr. 18.
Coal, Treating. R. E. Burk and E. Kropp. 2,346,151; Apr. 11.
Coal truck body construction. I. F. Snyder. 2,344,569; Mar. 21.
Coals for use in by-product ovens, Processing swelling. W. M. Fuchs. 2,341,861; Feb. 15.
Coastal and like defense unit. W. A. Phillips. 2,338,354–5; Jan. 4.
Coaster. J. F. McCabe. 2,343,563; Mar. 7.
Coaster. F. E. Wolcott. 2,345,784; Apr. 4.
Coat. J. Gluseffi. 2,364,066; Dec. 5.
Coat, Convertible. J. V. Falcon. 2,349,035; May 16.
Coat hanger. O. L. Horton. 2,352,264; June 27.
Coat hanger. E. H. Lupton. 2,355,984; Aug. 15.
Coat hanger. P. W. Reittinger. 2,346,276; Apr. 11.
Coat hanger. W. A. Ringler. 2,349,200; May 16.
Coat, Slip-over hoop. W. M. Moats. 2,345,059; Mar. 28.
Coated cement product and manufacturing same. H. W. Greider and W. T. Young. 2,350,030; May 30.
Coated fabric and application. B. R. Hanson. 2,355,157; Aug. 8.
Coated fabric and composition for coating the same. O. Hehn. 2,343,180; Feb. 29.
Coated flatting agent and making the same. I. Auer. 2,364,611; Dec. 12.
Coated material. W. Whitehead. 2,351,174; June 13.
Coated object and making the same. N. K. Chaney. 2,345,583; Apr. 4.
Coated sheet and producing the same. J. P. Sermattei and C. M. Rhodes. 2,350,292; May 30.
Coated structural material. C. C. Schuets. 2,354,350; July 25.
Coated welding rod. W. L. Baker. 2,357,250; Aug. 29.
Coating. W. L. Craig. 2,355,953; Aug. 15.
Coating. J. K. Speicher. 2,362,166; Nov. 7.
Coating a pigment and coating composition containing the treated pigment. L. F. Nerlinger. 2,366,047; Dec. 26.
Coating and coating methods. J. L. Krieger. 2,349,737; May 23.
Coating apparatus. A. T. Anderson. 2,363,487; Nov. 28.
Coating apparatus. Y. A. Bouget. 2,360,037; Oct. 10.
Coating apparatus. W. H. Fischer. 2,365,259; Dec. 19.
Coating apparatus. J. Flawn, Jr. 2,363,055; Nov. 21.
Coating apparatus. E. H. Hillman. 2,348,384; May 9.
Coating apparatus. R. B. Leech. 2,361,950; Nov. 7.
Coating apparatus. L. Meister. 2,364,086; Dec. 5.
Coating apparatus. G. D. Muggleton. 2,356,873; Aug. 29.
Coating apparatus. S. S. Sherrill and A. Stiegler. 2,340,207; Jan. 25.
Coating apparatus, Confection. C. R. Taylor. 2,339,437; Jan. 18.
Coating articles carrying and insulating coating. M. D. Swarts and K. N. Yellott. 2,361,435; Oct. 31.
Coating composition. G. R. Anderson. 2,346,409; Apr. 11.
Coating composition. H. F. Bauer. 2,341,523; Feb. 15.
Coating composition. J. W. Clough. 2,357,458; Sept. 5.
Coating composition. F. W. Corkery and S. G. Burroughs. Re. 22,438; Feb. 22.
Coating composition. C. F. Cummins. 2,349,571; May 23.
Coating composition. H. F. Ether. 2,399,775; Jan. 25.
Coating composition. T. R. Griffith. 2,340,322; Feb. 1.
Coating composition. J. M. Hoeffelman. 2,350,279; May 30.
Coating composition. W. P. Lawler, G. J. Hable, and J. V. Steinle. 2,353,910; July 18.
Coating composition. J. G. Lichty. 2,342,590; Feb. 22.
Coating composition. F. H. MacLaren and E. W. Adams. 2,356,863; Aug. 29.
Coating composition. J. D. Murray. 2,340,338; Feb. 1.
Coating composition. J. J. O'Loughlin. 2,355,889; Aug. 15.
Coating composition. O. W. Tiasari. 2,344,793; Mar. 21.
Coating composition and adhesive resulting therefrom. R. G. Drew. 2,350,732; June 6.
Coating composition and azo pigment dyestuff therefor. G. M. O'Neal. 2,350,520; June 6.
Coating composition and making. R. L. Smith. 2,351,716; June 20.
Coating composition and preparing the same. L. Balassa. 2,362,876; Nov. 14.
Coating composition and process of preparing the same. E. B. Kester. 2,339,271; Jan. 18.
Coating composition, coated article, and making same. E. G. Straus. 2,346,624; Apr. 11.
Coating composition comprising partially polymerised allyl esters containing polymerisation inhibitor. G. F. D'Alelio. 2,339,058; Jan. 11.
Coating composition, Crystallising. W. A. Waldie. 2,344,191; Mar. 14.
Coating composition, Nonlivering. H. L. Wampner. 2,340,280; Jan. 25.

Coating composition, Nonlivering. H. L. Wampner. 2,345,956; Apr. 4.
Coating composition, Nonscuffing wax. E. W. Adams and F. H. MacLaren. 2,361,582; Oct. 31.
Coating composition, Protective. E. A. Lasher. 2,344,708; Mar. 21.
Coating compositions. G. O. Burr. 2,358,623; Sept. 19.
Coating compositions. W. L. Craig. 2,360,828; Oct. 24.
Coating compositions. W. H. Smyers. 2,340,996; Feb. 8.
Coating compositions. H. G. Stauffer. 2,364,172; Dec. 5.
Coating compositions, Dull. W. A. Weidlich. 2,361,515; Oct. 31.
Coating compositions, Preparing. W. E. Catlin. 2,342,387; Feb. 22.
Coating, Corrosion resistant. J. B. Brennan and L. Marsh. 2,346,658; Apr. 18.
Coating device. E. W. Davis. 2,352,773; July 4.
Coating device. M. V. Hamilton. 2,356,666; Aug. 22.
Coating films, Applying. F. E. Drummond. 2,344,807; Mar. 21.
Coating for concrete pavements, Protective. G. H. Sandenburgh. 2,348,365; May 9.
Coating for film, Antistatic. G. W. Brant. 2,357,380; Sept. 5.
Coating for frozen confectionery products, Dipping. N. M. and N. H. Thomas. 2,364,592; Dec. 5.
Coating for metal surfaces, Corrosion resistant. G. W. Jernstedt. 2,342,738; Feb. 29.
Coating for resistors, Protective. J. W. Jira. 2,357,473; Sept. 5.
Coating glass thread. W. M. Camp. 2,344,494; Mar. 21.
Coating machine. A. T. Anderson. 2,362,457; Nov. 14.
Coating machine. W. I. Gladfelter and W. A. Ehrlich. 2,330,008; Jan. 11.
Coating machine. J. H. Gordon, Jr., and V. T. Grover. 2,353,721; July 18.
Coating machine. J. M. Hothersall and J. H. Murch. 2,343,906; Mar. 14.
Coating machine. R. E. J. Nordquist. 2,357,845; Sept. 12.
Coating machine. J. P. Norton. 2,357,349; Sept. 5.
Coating machine. N. Pelosi. 2,348,224; May 9.
Coating machine. N. Pelosi. 2,349,303; May 23.
Coating machine. N. Pelosi. 2,361,959; Nov. 7.
Coating machine. H. Phillips. 2,352,656; July 4.
Coating material, Luminescent or phosphorescent. R. L. Tuve. 2,341,583; Feb. 15.
Coating materials and making them. P. D. Watson. 2,363,103; Nov. 21.
Coating metal surfaces, Method and material for. N. E. Hays, G. R. Hoover and A. E. Taylor. 2,346,302; Apr. 11.
Coating method. F. E. Drummond. 2,344,138; Mar. 14.
Coating of metals, Soap. R. W. Shoemaker. 2,359,799; Oct. 10.
Coating of objects of magnesium or the like with oxides. E. Krause and E. Schröder. 2,348,826; May 16.
Coating or lining for metal objects, Protective. W. D. Moore. 2,365,427; Dec. 19.
Coating process. S. Lipsius. 2,355,919; Aug. 15.
Coating process. W. Whitehead. 2,352,747; July 4.
Coating, Protective cement. W. V. Friedlaender and N. C. Ludwig. 2,339,163; Jan. 11.
Coating sheet material. D. E. Fowler. 2,351,498; June 13.
Coating suspension and preparation. J. R. C. Brown, Jr. 2,346,553; Apr. 11.
Coating system for protecting surfaces against marine growth. G. B. McLean. 2,364,460; Dec. 5.
Coatings and the materials thus obtained, Preparing. W. Pense and H. Bestian. 2,341,413; Feb. 8.
Coatings, Determining the rate of drying of. H. R. Moore. 2,338,129; Jan. 4.
Coaxial coupling. K. G. Strunk and R. S. Barr. 2,362,856; Nov. 14.
Cobalt siccatives. J. T. Rutherford. 2,360,283; Oct. 10.
Cocking device and rear sight for guns, Combined. F. W. Woodhull. 2,353,285; July 11.
Cocoa and chocolate products, Preparing. J. E. Nyrop. 2,348,837; May 16.
Cocoa seed from the cocoa bean, Separating the. J. Drenker. 2,338,376; Jan. 4.
Coconut meat extractor. J. D. Rector. 2,365,358; Dec. 19.
Coconut product. C. W. Kaufman. 2,338,184; Jan. 4.
Code converter. H. H. Haglund, A. W. Dickey, and T. A. Newman. 2,352,952; July 4.
Code transmitter, Oscillating. O. S. Field. 2,351,588; June 20.
Coded feedback circuit for railway traffic control. H. A. Thompson. 2,341,300; Feb. 8.
Coded signaling system. C. E. Staples and H. G. Blosser. 2,352,743; July 4.
Coded track circuit. A. L. Jerome. 2,354,024; July 18.
Coded track circuit signaling system. N. D. Preston. 2,357,545–6; Sept. 5.
Coded track circuit signaling system. N. D. Preston. 2,362,156; Nov. 7.
Coded track circuit signaling system. F. X. Rees. 2,353,930; July 18.
Coding and decoding, System of. W. S. Lemmon, C. R. Doty, R. F. Wais, and A. C. Holt. Re. 22,523; July 25.
Coffee. D. J. Kennedy. 2,341,724; Feb. 15.
Coffee and treating the same. G. Sperti. 2,343,228; Feb. 29.
Coffee brewer apparatus. N. W. Morse. 2,340,203; Jan. 25.
Coffee-chicory blend. F. J. Stayton. 2,341,826; Feb. 15.
Coffee corn syrup, Solid expanded. W. A. Heyman. 2,360,342; Oct. 17.
Coffee extract. J. L. Kellogg. 2,350,903; June 6.
Coffee, Extraction of. W. Kappenberg and F. J. Rameh. 2,340,758; Feb. 1.
Coffee maker. T. C. Appleman. 2,342,108; Feb. 22.
Coffee maker. W. L. Hill. 2,365,269; Dec. 19.
Coffee maker. I. Jepson. 2,345,264; Mar. 28.
Coffee maker. H. G. Lehmann. 2,346,924; Apr. 18.
Coffeemaker, Drip. A. Peterson. 2,359,936; Oct. 10.
Coffee, Making. M. N. States. 2,338,140; Jan. 4.
Coffee plastic process. H. S. Polin and A. I. Nerken. 2,340,426; Feb. 1.
Coffee, Preserving. J. Brenzinger. 2,345,320; Mar. 28.
Coffee rings, Manufacture of. J. MacManus. 2,365,349; Dec. 19.
Coffee, Roasting. W. R. Goldfine. 2,348,066; May 2.
Coffee, Roasting. M. P. Tribuno. 2,340,235; Jan. 25.
Coffee roasting machine. S. E. Richeson. 2,340,345; Feb. 1.
Coffee, Treatment of green. D. J. Kennedy. 2,341,723; Feb. 15.
Coiffure pin. D. M. Willis. 2,360,184; Oct. 10.
Coil arrangement for high frequency purposes. H. Vogt. 2,343,101; Feb. 29.
Coil catcher for cradle reels. F. M. Littell. 2,352,959; July 4.
Coil construction for induction heating, Adjustable work. W. C. Rudd and N. Levin. 2,348,361; May 9.
Coil, Insulated. G. Camilli. 2,354,500; July 25.
Coil, Insulated. G. Camilli. 2,359,544; Oct. 3.
Coil, Shading. D. Ellis and O. L. Taylor. 2,342,797; Feb. 29.
Coil spring. W. H. Wallace. 2,351,726; June 20.
Coil unit. G. V. Craddock and E. E. Franz. 2,339,054; Jan. 11.
Coil unit. E. E. Franz. 2,339,067; Jan. 11.
Coil winding apparatus. E. H. Lane. 2,355,538; Aug. 8.
Coil winding device. J. A. Earl. 2,348,889; May 16.
Coil winding machine, Toroidal. A. L. Quinlan. 2,341,650; Feb. 15.
Coiled metallic strip material from rolling mills, Method and apparatus for determining the average thickness of the entire width of. H. A. Dauel, Jr., and G. H. Krapf. 2,356,660; Aug. 22.
Coiled paper filter. H. G. Kamrath. 2,339,703; Jan. 18.
Coils, Making helical. O. Haas. 2,358,707; Sept. 19.
Coils, Making induction. L. P. Kongsted and W. O. Henschke. 2,360,835; Oct. 24.
Coils, Winding. K. H. Weber. 2,362,179; Nov. 7.
Coin actuated mechanism for prepayment mechanism. P. Moos. 2,364,544; Dec. 5.
Coincidental ignition and gear shift lock. E. N. Jacobi. 2,348,134; May 2.
Coin-collector and amusement structure. A. J. Wiedemann. 2,345,781; Apr. 4.
Coin collector apparatus. J. M. Melick. 2,342,593; Feb. 22.
Coin-controlled apparatus. B. W. Fry. 2,361,835; Oct. 31.
Coin-controlled door for delivery coolers for packaged goods. W. C. Ferris. 2,360,410; Oct. 17.
Coin-controlled facsimile system. G. H. Ridings and R. J. Wise. 2,364,754; Dec. 12.
Coin controlled game apparatus. M. H. Sikes. 2,348,267; May 9.
Coin-controlled machine, Free service. H. S. Benjamin. 2,364,930; Dec. 12.
Coin controlled motion picture apparatus. J. L. Clough. 2,352,077; June 20.
Coin-controlled selector. E. G. Henry. 2,348,434; May 9.
Coin controlled switch. P. U. Lannerd. 2,340,478; Feb. 1.
Coin controlled vending apparatus. E. G. Weller. 2,354,896; Aug. 1.
Coin-counting machine. J. N. Francis. 2,357,391; Sept. 5.
Coin handling and totaling device. F. F. Daugherty. 2,338,575; Jan. 4.
Coin handling mechanism. F. A. and M. E. Marchioni. 2,352,846–7; July 4.
Coin operated device. L. A. Thatcher and F. J. Rouan. 2,358,424; Sept. 19.
Coin operated device. L. Vieth. 2,349,214; May 16.
Coin operated typewriter control apparatus. J. B. Graham. 2,357,324; Sept. 5.
Coin packer. S. R. Blackstone. 2,355,201; Aug. 8.
Coin selector. J. Gottfried. 2,339,695; Jan. 18.
Coin selector for coin controlled machines. E. G. Weller. 2,343,352; Mar. 7.
Coin signaling device. T. L. Dowey and C. A. Lovell. 2,345,040; Mar. 28.
Coin sorting and counting machine. W. H. Sprenger. 2,348,936; May 16.
Coin sorting machine. J. N. Francis. 2,351,197; June 13.
Coin tester. W. H. Parnell. 2,350,414; June 6.
Coin watermeter. F. van der Plas. 2,358,268; Sept. 12.

Coin wrapping device. W. H. Simpson. 2,342,761; Feb. 29.
Coke, Activated. C. E. Hemminger. 2,342,862; Feb. 29.
Coke burning method. F. R. Schrage. 2,344,328; Mar. 14.
Coke oven construction. C. Otto. 2,340,981; Feb. 8.
Coke-oven door. J. van Ackeren. 2,338,675; Jan. 4.
Coke oven structure. J. Becker. 2,338,618; Jan. 4.
Coke, Production of. A. J. Boynton and U. H. Stallings. 2,347,076; Apr. 18.
Coke removal. L. A. Ohlinger and H. A. Heiss. 2,355,323; Aug. 8.
Coking and cracking petroleum residues or the like. M. H. Tuttle. 2,364,492; Dec. 5.
Coking, Method of and mixture for. H. C. Porter. 2,350,581; Oct. 3.
Coking process. W. F. Rollman. 2,366,055; Dec. 26.
Cold forging machine. W. E. Bolland. 2,362,970; Nov. 21.
Cold-molding composition. P. O. Powers. 2,365,491; Dec. 19.
Collapsible chair. J. B. O'Connor and J. E. Bales. 2,353,793; Aug. 29.
Collapsible clothing container. A. Stone. 2,360,451; Oct. 17.
Collapsible container. S. A. Aquino. 2,342,623; Feb. 22.
Collapsible container. R. M. Glantzer. 2,359,908; Oct. 10.
Collapsible container. R. S. McConnell. 2,344,995; Mar. 28.
Collapsible crown block. J. W. MacClatchie. 2,341,225; Feb. 8.
Collapsible dispensing tube. R. Nyden. 2,361,647; Oct. 31.
Collapsible drawer—sagless bottom. P. Zalkind. 2,343,354; Mar. 7.
Collapsible egg carrier. F. Gussmann. 2,346,025; Apr. 4.
Collapsible form. E. L. Bishop. 2,339,543; Jan. 18.
Collapsible fuel tank. C. Kurrle. 2,355,084; Aug. 8.
Collapsible paper board receptacle. G. N. Lee. 2,352,393; June 27.
Collapsible paperboard box. S. L. Cohen and M. J. Margolies. 2,361,603; Oct. 31.
Collapsible seat. W. H. Reinhols. 2,365,003; Dec. 12.
Collapsible structure. H. A. Farrand. 2,352,526; June 27.
Collapsible support. H. C. Johansen. 2,364,851; Dec. 12.
Collapsible tube. D. Deakey. 2,339,464; Jan. 18.
Collapsible tube. B. E. Harman. 2,353,463; July 11.
Collapsible tube. A. W. Prance. 2,357,544; Sept. 5.
Collapsible tube. G. W. Temple. 2,352,456; June 27.
Collapsible tube. F. A. Williams. 2,341,835; Feb. 15.
Collapsible tube cap. H. P. McNail. 2,346,383; Apr. 11.
Collapsible tube dispenser. B. M. Kjorsvik. 2,343,064; Feb. 29.
Collapsible wardrobe cabinet. I. Blechman. 2,341,899; Feb. 15.
Collar and making the same. H. Gleekman. 2,354,205; July 25.
Collar, Dog. S. Johnson. 2,361,108; Oct. 24.
Collar for riveting heads. F. W. Ottmer. 2,352,733; July 4.
Collar, Germicidal animal. A. Finch. 2,349,713; May 23.
Collar holder. M. Schulman. 2,347,438; Apr. 25.
Collar protecting hood and spray dampener for presses. G. E. Bicknell and F. A. Heidenfelder. 2,338,087; Jan. 4.
Collar support. J. W. Steele. 2,338,211; Jan. 4.
Collars for personal wear. Manufacture of. H. Corteen. 2,362,248; Nov. 7.
Collating and posting device. W. B. Payne. 2,344,453; Mar. 14.
Collecting and controlling device for billiard games. J. I. R. Orihuela. 2,358,533; Sept. 19.
Collecting machine, particularly for granular material. C. E. Lundberg. 2,361,042; Oct. 24.
Collecting mechanism. D. W. Molins and F. F. Ruau. 2,354,040; July 18.
Collecting mechanism for rod-shaped articles. D. W. Molins, F. F. Ruau, and S. R. Chown. 2,351,693; June 20.
Collector. W. H. Frank. 2,361,536; Oct. 31.
Collector brush clip. J. T. Brown. 2,358,958; Sept. 26.
Collector, Coin. A. M. Gordon. 2,342,268; Feb. 22.
Collector for endless belt conveyers, Siftings. J. J. Franklin. 2,343,762; Mar. 7.
Collet. A. M. Stoner. 2,346,706–7; Apr. 18.
Collet actuating device for machine tools. L. R. Evans. 2,360,721; Nov. 28.
Collet attachment for lathes. A. and W. E. Pansa. 2,354,966; Aug. 1.
Collet chuck. E. B. Phillips. 2,345,069; Mar. 28.
Colloid. Producing skimmed milk. C. C. Curry. 2,341,425; Feb. 8.
Colloidal solutions containing lecithin and cholesterol and preparing same, Stable. C. L. Lautenschläger, F. Lindner, and A. Mager. 2,362,013; Nov. 7.
Colloidal starch suspensions, Apparatus for making. H. G. Beede. 2,351,907; June 20.
Color analyzing device. G. E. Miller. 2,358,020; Sept. 12.
Color comparator. G. D. Peet. 2,341,810; Feb. 15.
Color composition for printing, Vat. R. H. Kienle and C. A. Amick. 2,354,463; July 25.
Color correction for multilayer negative film. H. H. Duerr, H. W. Morreall, and H. C. Harsh. 2,357,388; Sept. 5.
Color correction in duplicating color photographs. L. D. Mannes and L. D. Godowsky, Jr. 2,364,379; Dec. 5.
Color correction process, Photographic. E. M. Evans. 2,360,213; Oct. 10.
Color development. E. Meschter. 2,365,206; Dec. 19.
Color development process using aromatic hydrazines. D. W. Woodward and D. M. McQueen. 2,339,213; Jan. 11.
Color filter for moving picture devices. B. W. Herska. 2,362,818; Nov. 14.
Color forming compound containing sulphonamide groups. P. W. Vittum, W. D. Peterson, and H. D. Porter. 2,353,205; July 11.
Color forming compounds containing sulphonamide groups. P. W. Vittum, W. D. Peterson, and H. D. Porter. 2,362,598; Nov. 14.
Color forming compounds containing sulphonamide groups. P. W. Vittum, W. D. Peterson, and H. D. Porter. 2,364,675; Dec. 12.
Color illumination. M. A. Mills. 2,360,438; Oct. 17.
Color photographic images, Manufacture of. B. Gáspár. 2,361,541; Oct. 31.
Color photography. J. M. Andreas. 2,357,924; Sept. 12.
Color photography. R. M. Evans and B. E. Luboshez. 2,350,101; May 30.
Color photography. P. W. Vittum. 2,362,599; Nov. 14.
Color photography using azole color formers. C. D. Wilson. 2,359,274; Sept. 26.
Color photography using metallic salt coupler compounds. W. D. Peterson. 2,353,754; July 18.
Color photography utilizing immobile 2-substituted-1-naphthylamines. D. W. Woodward. 2,362,519; Nov. 14.
Color reproductions, Making. A. R. Bourges. 2,349,900; May 30.
Color selection pictures out of subtractive multicolor images, Production of partial. B. Gáspár. 2,340,656; Feb. 1.
Color-separation negatives, Correction of. B. L. Sites. 2,354,149; July 18.
Color separations in art work, Producing. C. B. Balcomb. 2,353,867; July 18.
Color-television signal-translating stage. J. C. Wilson. 2,343,825; Mar. 7.
Color transparencies, Masking. H. C. Staehle. 2,362,593; Nov. 14.
Colored article and making the same. T. C. Morris. 2,364,744; Dec. 12.
Colored film-forming materials, Production of. R. P. Roberts. 2,343,928; Mar. 14.
Colorimetric apparatus. R. S. Estey, W. F. Peck, and K. W. Harper. 2,353,716; July 18.
Coloring materials in gelatin, Incorporating. D. S. Thomas, Jr. 2,360,289; Oct. 10.
Coloring matters of the phthalocyanines series. N. H. Haddock. 2,351,118; June 13.
Coloring matter of the phthalocyanines series. N. H. Haddock. 2,351,119; June 13.
Colostomy appliance. F. A. Schunk. 2,366,059; Dec. 26.
Colostomy outfit. C. D. Graves. 2,341,984; Feb. 15.
Colter. H. E. Lohman. 2,356,770; Aug. 29.
Comb. S. Golden. 2,348,339; May 9.
Comb. W. Huppert. Re. 22,373; Dec. 5.
Comb and case therefor, Combination. W. Palat. 2,357,539; Sept. 5.
Comb and hollow handle, Combination foldable. C. T. La Mont. 2,359,427; Oct. 3.
Comb and nail file, Combined. E. Hodaly. 2,345,339; Mar. 28.
Comb frame for beehives. O. A. Colley. 2,344,284; Mar. 14.
Comb member for dry shavers, Making. O. Horrer. 2,346,489; Apr. 11.
Comb mold. L. Manzoni. 2,349,977; May 30.
Comb or stripper for gumming mechanism and the like. J. Dermody. 2,360,044; Oct. 10.
Comber calender roll. F. L. Crockett. 2,356,034; Aug. 15.
Combination burner. J. A. Creighton. 2,344,203; Mar. 14.
Combination can opener, lid, and measuring device. D. N. Halstead. 2,354,518; July 25.
Combination cleaning tool. S. W. Fish. 2,363,520; Nov. 28.
Combination cover and measuring device. J. S. Lucas. 2,339,644; Jan. 18.
Combination dispenser. J. McFarlane. 2,358,723; Sept. 19.
Combination display and liquid perfume or deodorant indicator. G. W. Fraser. 2,364,843; Dec. 12.
Combination flowerpot and jardiniere. N. Vallinos. 2,344,794; Mar. 21.
Combination for supporting, restraining, and protecting a child when seated at a table. G. M. Carner. 2,362,465; Nov. 14.
Combination gas and liquid fuel burner. E. C. Newburg. 2,343,873; Mar. 14.
Combination gauge. A. G. Pfeifer. 2,345,424; Mar. 28.
Combination hung and hinged window. C. Escher and J. J. Fagan. 2,349,543; May 23.

Combination lamp holder and starter holder. E. R. Kulka. 2,363,734; Nov. 28.
Combination lock. S. S. Karavis. 2,355,301; Aug. 8.
Combination lock. E. Kretzke. 2,342,944; Feb. 29.
Combination machine. J. W. Rhodes and H. L. Niemeyer. 2,341,061; Feb. 8.
Combination machine tool. G. H. Stahler. 2,364,396; Dec. 5.
Combination switch. S. Crum. 2,342,390; Feb. 22.
Combination table. Y. W. Rogers. 2,348,573; May 9.
Combination tool. J. Turner. 2,358,608; Sept. 19.
Combination water supply and level control for storage batteries. M. L. Le Gro and L. S. Williamson. 2,339,642; Jan. 18.
Combine. A. W. Oehler. 2,364,311; Dec. 5.
Combined container and display stand for lollipops. A. W. Lovejoy. 2,339,160; Jan. 11.
Combined curtain, drapery, and shade bracket. G. C. Lucas. 2,341,279; Feb. 8.
Combined door hinge and holdopen. R. H. Dean. 2,342,531; Feb. 22.
Combined envelope and letter sheet. B. H. McKinney. 2,344,891; Mar. 21.
Combined framing structure and bracket support. F. Kaute. Re. 22,562; Nov. 21.
Combined greeting card and container. J. M. Lande. 2,344,437; Mar. 14.
Combined land, air, and water vehicle. J. E. Griffith. 2,350,608; June 6.
Combined land and marine vehicle. F. W. McLarty. 2,341,109; Feb. 8.
Combined sink and stool. F. W. Meyer. 2,339,647; Jan. 18.
Combined solarium and airing cabinet. M. E. Trone. 2,342,229; Feb. 22.
Combined transmission and auxiliary. T. Backus. 2,343,733; Mar. 7.
Combined volume control and switch. H. A. Williams and H. A. Baumer. 2,341,750; Feb. 15.
Combing machine. J. W. Nasmith. 2,363,546; Nov. 28.
Combing machine for textile fibers. J. W. Nasmith. 2,365,210; Dec. 19.
Combustible gases, Method of and apparatus for controlling the mixture of. E. X. Schmidt. 2,349,521; May 23.
Combustion apparatus. E. A. Bovee. 2,341,355; Feb. 8.
Combustion apparatus. J. W. Miller. 2,363,192; Nov. 21.
Combustion apparatus. C. Scholl. 2,338,546; Jan. 4.
Combustion apparatus. C. Scholl and D. L. Getz. 2,353,087; July 4.
Combustion apparatus and method. H. J. Kerr, J. Fletcher, G. A. Watts, and L. Kooistra. 2,357,303; Sept. 5.
Combustion by-products from internal combustion engines, Removing. F. O. Lewis. 2,347,492; Apr. 25.
Combustion chamber. D. Kaufman. 2,341,622; Feb. 15.
Combustion chamber. J. F. Straitz. 2,355,572; Aug. 8.
Combustion control. T. Ladd. 2,354,999; Aug. 1.
Combustion control device. S. G. Isserstedt. 2,346,308; Apr. 11.
Combustion device. O. A. Ohlsson. 2,354,963; Aug. 1.
Combustion engine. C. Penco. 2,359,672; Oct. 3.
Combustion lamp. M. L. T. de Cazenave. 2,349,079; May 16.
Combustion method. L. F. Conway. 2,360,548; Oct. 17.
Combustion zone control. H. Kreisinger and V. Z. Caracristi. 2,363,875; Nov. 28.
Comestibles, Preservation of. F. Kiefer. 2,347,486; Apr. 25.
Commercial castings, Producing. E. A. Steinbock and R. Neiman. 2,362,507; Nov. 14.
Commercial washer. E. Bagnall. 2,363,491; Nov. 28.
Comminuted articles, Production of. S. Hiller. 2,358,068; Sept. 12.
Comminuting machine. E. G. Magnus. 2,348,916; May 16.
Comminuting machine, Fruit and vegetable. E. Lohmann. 2,343,310; Mar. 7.
Comminuting method. H. H. Wagner. 2,345,779; Apr. 4.
Comminutor. A. C. Durdin, Jr. 2,342,927; Feb. 29.
Communication apparatus. C. R. Doty. 2,343,405; Mar. 7.
Communication apparatus. E. J. Rabenda. 2,362,027; Nov. 7.
Communication device, Constant. P. E. McClevey. 2,365,711; Dec. 26.
Communication system. W. M. Bacon and F. S. Kinkead. 2,358,375; Sept. 19.
Communication system. J. Baumfalk. 2,339,609; Jan. 18.
Communication system. A. J. Busch and I. H. Henry. 2,338,997; Jan. 11.
Communication system. R. H. Campbell. 2,339,678; Jan. 18.
Communication system. R. H. Campbell. 2,347,079–80; Apr. 18.
Communication system. H. Goldberg, F. H. Slaymaker, and J. R. Stewart. 2,362,692; Nov. 14.
Communication system. W. Hasenberg. 2,352,711; July 4.
Communication system. F. A. Hubbard. 2,356,519; Aug. 22.
Communication system. F. A. Hubbard, W. H. Matthies, and O. Myers. 2,345,048; Mar. 28.
Communication system. F. S. Kinkead, J. A. Krecek, and W. R. Young, Jr. 2,347,831; May 2.
Communication system. H. Salinger. 2,350,331; June 6.
Communications device. A. L. Sprecker. 2,348,158; May 2.
Communion set, Dual cross. D. Goudreau. 2,347,681; May 2.
Communion set, Dual cross. D. Goudreau. 2,355,154; Aug. 8.
Commutation means. K. L. Hansen. 2,341,095; Feb. 8.
Commutating means. K. L. Hansen. 2,349,864; May 30.
Commutation means and method of commutation. K. L. Hansen. 2,358,926; Sept. 26.
Commutator. L. E. Hemphill. 2,357,111; Aug. 29.
Commutator and process of manufacture. J. Arniel. 2,348,511; May 9.
Commutator riveting machine. L. E. Poole. 2,346,996; Apr. 18.
Compact. A. F. Reilly. 2,346,453; Apr. 11.
Compact and portable underwater viewing device. H. H. Pierson. 2,343,473; Mar. 7.
Comparator. F. R. Clement. 2,362,615; Nov. 14.
Comparator, Optical. H. Roger. 2,356,274; Aug. 22.
Comparator, Resistance. S. W. Borden. 2,341,854; Feb. 15.
Comparator, Surface finish. E. J. Almquist. 2,364,609; Dec. 12.
Compartment containers, Producing. J. M. Hothersall. 2,344,986; Mar. 28.
Compass. E. G. Brockman. 2,366,000; Dec. 26.
Compass. C. E. Keefer. 2,349,626; May 23.
Compass. P. Piffath. 2,358,589; Sept. 19.
Compass and measuring instrument, Combination. F. W. Moxey. 2,349,670; May 23.
Compass, Beam. L. R. Halstead. 2,355,585; Aug. 8.
Compass control indicator system. W. P. Lear. 2,346,849; Apr. 18.
Compass corrector. Quadrantal error. B. Chance. 2,360,330; Oct. 17.
Compass, Directional. J. de Swart. 2,340,512; Feb. 1.
Compass, Mirror. F. F. Carpenter. 2,361,175; Oct. 24.
Compass repeater, Magnetic. J. M. Smith. 2,361,973; Nov. 7.
Compass unit. L. C. Miller. 2,364,908; Dec. 12.
Compensated displacement meter. D. A. Sillers. 2,339,956; Jan. 25.
Compensating device for watch balances. R. Straumann. 2,350,838; June 6.
Compensator. R. J. Anschicks. 2,362,232; Nov. 7.
Compensator for automatic feeds. W. F. Bokum and J. W. Weber. 2,353,541; July 11.
Compensator for riveting machines, Automatic thickness. W. Johndrew. 2,353,471; July 11.
Compensator, Hysteresis. W. A. Ray. 2,364,917; Dec. 12.
Compensator, Pendulum. R. T. Cloud. 2,362,616; Nov. 14.
Complete well screen. A. A. Jens. 2,341,783; Feb. 15.
Components from solid mixtures, Extraction of. R. Syers. 2,340,232; Jan. 25.
Composite article. B. S. Garvey and D. E. Henderson. 2,352,705; July 4.
Composite article. A. E. Juve. 2,352,637; July 4.
Composite article. H. W. Larson. 2,360,063; Oct. 10.
Composite article. J. F. McWhorter and M. W. Humphreys. 2,361,555; Oct. 31.
Composite article and element therefor. C. E. Slaughter. 2,354,485; July 25.
Composite articles and abrasive belts or sheets. B. J. Oakes. 2,357,350; Sept. 5.
Composite articles, Making. R. C. Briant. 2,354,426; July 25.
Composite boards, Forming. R. T. Bowling. 2,344,488; Mar. 21.
Composite boards, Forming. V. Lefebure. 2,352,553; June 27.
Composite coupling. D. O. Brant. 2,342,834; Feb. 29.
Composite drive shaft. D. O. Miller. 2,340,549; Feb. 1.
Composite electrical conductor. D. P. Dyer, Jr. 2,359,090; Sept. 26.
Composite insert for insoles. M. Margolin. 2,365,203; Dec. 19.
Composite loom. A. De Ghetto. 2,364,276; Dec. 5.
Composite lumber, and article therefor, Manufacture of. F. Weyerhaeuser. 2,354,725; Aug. 1.
Composite metal parts, Method and apparatus for making. J. T. Marvin. 2,350,179; May 30.
Composite pigments and producing same. J. E. Booge. 2,361,986; Nov. 7.
Composite pile, Prestressed. M. M. Upson. 2,355,190; Aug. 8.
Composite products, Manufacture of. K. Dammann. 2,355,424; Aug. 8.
Composite ribbon. A. G. Christ. 2,344,457; Mar. 14.
Composite roll. F. D. Moran. 2,342,159; Feb. 22.
Composite sheet material, Manufacturing. J. Grabec. 2,361,682; Oct. 31.
Composite structure, Sheer reinforced. C. P. Cueni and E. Walter. 2,340,176; Jan. 25.
Composite surfacing material and applying the same. C. G. Abernathy. 2,347,233; Apr. 25.
Composition and method for preserving wood. E. Bostrum. 2,344,019; Mar. 14.

Composition and preparing same. D. S. Bruce and R. T. Halstead. 2,360,645; Oct. 17.
Composition and process. A. F. Wendler. 2,356,290; Aug. 22.
Composition board. H. L. Kincaid. 2,352,900; July 4.
Composition containing a pyrimidyl halogeno cyanoalkyl sulphide. G. F. D'Alelio and J. W. Underwood. 2,340,107; Jan. 25.
Composition containing a substituted alkyl halide. G. F. D'Alelio. 2,342,456; Feb. 22.
Composition containing a triazinyl halogeno cyanoalkyl sulphide. G. F. D'Alelio and J. W. Underwood. 2,341,267; Feb. 8.
Composition containing antioxidant. S. Shappirio. June 27.
Composition containing modified wax. E. Lieber. 2,340,968; Feb. 8.
Composition containing resinous type products. R. R. Grant. 2,349,165; May 16.
Composition for coating and laminating sheet materials. A. Abrams, G. W. Forcey, W. H. Graebner, A. M. Heald, and G. G. Rumberger. 2,348,687; May 9.
Composition for coating concrete. G. W. Whitesides. 2,345,578–9; Mar. 21.
Composition for destroying foam and froth. C. H. Lighthipe. 2,346,928; Apr. 18.
Composition for lubricating and softening textile fibers. M. J. Kelley and E. A. Robinson. 2,340,881; Feb. 8.
Composition for preparation of oil base drilling fluid. G. Miller. 2,356,776; Aug. 29.
Composition for producing fire-fighting foam and preparing same. T. J. Bagley and D. Levin. 2,365,619; Dec. 19.
Composition for the production of protheses. M. Burkhardt, E. Czapp, and A. Jedele. 2,341,593; Feb. 15.
Composition for use as adhesives. C. L. Child, R. B. Fisher, F. Clarke, and B. J. Habgood. 2,340,452; Feb. 1.
Composition for use in detergents, Making a. H. G. Bissinger. 2,356,443; Aug. 22.
Composition for use in graining inks. R. A. Swain. 2,365,363; Dec. 19.
Composition material, Loose-fill. C. H. Schuh. 2,353,271; July 11.
Composition of liquids, Method and system of apparatus for determining and controlling changes in. C. F. Wallace. 2,350,378; June 6.
Composition of matter. G. Allen. 2,363,034; Nov. 21.
Composition of matter. G. Allen. 2,363,035; Nov. 21.
Composition of matter. E. J. Jacob. 2,352,201; June 27.
Composition of matter. R. A. Mathes. 2,356,171; Aug. 22.
Composition of matter. R. A. Mathes and P. C. Jones. 2,356,604; Aug. 22.
Composition of matter. W. Nudenberg and L. W. Buts. 2,360,935; Oct. 10.
Composition of matter. F. R. Weedon. 2,338,791; Jan. 11.
Composition of matter. J. E. Wiss. 2,340,840; Feb. 1.
Composition of matter and making the same. M. De Groote and B. Keiser. 2,357,933–7; Sept. 12.
Composition of matter and preparation. R. F. B. Cox. 2,360,206; Oct. 10.
Composition of matter and preparation. R. F. B. Cox. 2,360,309; Oct. 10.
Composition of matter and preparation and process for producing the same. I. Tanusky. 2,350,082; May 30.
Composition of matter and producing. R. F. B. Cox. 2,360,207; Oct. 10.
Composition of matter and producing chlorine dioxide. E. Stoessel and E. Zerner. 2,335,268; Jan. 4.
Composition of matter containing polyethylene and polyisobutylene. W. F. Sparks. 2,339,958; Jan. 25.
Composition of matter for crack sealers or the like. E. O. Groskopf. 2,353,723; July 18.
Composition of matter for the chemical fixation of diseased tissue preparatory for surgical removal. F. E. Mohs. 2,344,830; Mar. 21.
Composition of matter for use as sealers and the like. G. S. Merrill and G. P. Hollingsworth. 2,347,211; Apr. 25.
Composition of matter, method of making same, and improved lubricating oil. C. M. Blair, Jr. 2,342,113–14; Feb. 22.
Composition, Rubber. L. M. Geiger. 2,340,955; Feb. 8.
Composition to be used as a binder in road construction and its manufacture. C. A. Agthe. 2,350,977; June 13.
Composition toxic to lower forms of life. E. C. Callaway and R. G. Rosenstiel. 2,352,442; July 11.
Composition useful as additive to mineral oil lubricants and preparing and using the same. W. A. Whittier and B. Stucker. 2,348,044; May 2.
Compositions. R. M. Thomas and W. J. Sparks. 2,344,955; Aug. 29.
Compositions containing a diamino diazinyl substituted-alkyl sulphide. G. F. D'Alelio and J. W. Underwood. 2,344,289; Mar. 14.
Compositions containing a diamino triazinyl substituted alkyl sulphide. G. F. D'Alelio and J. W. Underwood. 2,347,032; Apr. 18.
Compositions containing substituted alkyl halides. G. F. D'Alelio. 2,357,635; Sept. 5.
Compositions for brake linings or similar articles, Manufacture of molded. J. N. Knsmick. 2,357,409; Sept. 5.
Compositions of matter and producing. R. F. B. Cox. 2,360,205; Oct. 10.
Compositions of rubber and jelled solution of shellac in a glycol. S. Caplan. 2,362,538; Nov. 14.
Compositions produced by acetalising and/or ketalising hydrolysed copolymers of vinyl organic esters and polyvinyl aryl compounds, Synthetic. G. F. D'Alelio. 2,343,297; Nov. 21.
Compound containing fused pyridine rings, Preparation of. J. T. Hewitt and T. F. West. 2,358,162; Sept. 12.
Compound denominate number calculating machine. J. W. Bryce. 2,346,249; Apr. 11.
Compound, Engraver's. A. C. Olson. 2,343,573; Mar. 7.
Compound hydraulic compressor. M. V. Groves. 2,343,901; Mar. 14.
Compound measuring device. A. J. Macdonald. 2,344,994; Mar. 28.
Compound valve. E. Ojalvo. 2,341,411; Feb. 8.
Compounded oil. E. W. Gardiner and G. H. Denison, Jr. 2,347,152; Apr. 18.
Compounding apparatus, Formula. A. E. Reinhardt, M. G. J. Boissevain, A. H. Shapiro, and C. A. Cady. 2,348,149; May 2.
Compounds and manufacture thereof, Chromane. R. Behnisch and W. Salser. 2,359,461; Oct. 3.
Compounds containing an N-substituted amide group, Producing. E. L. Martin. 2,357,484; Sept. 5.
Compounds for lubricants, etc., Preparation of. J. M. Musselman and H. P. Lankelma. 2,357,346; Sept. 5.
Compounds having vitamin K activity, Water soluble. B. R. Baker. 2,359,282; Oct. 3.
Compounds of nicotine. C. R. Smith. 2,356,185; Aug. 22.
Compounds of the anthraquinone series. E. C. Buxbaum. 2,353,010; July 4.
Compounds of the anthraquinone series. M. A. Perkins and J. Deinet. 2,359,381; Oct. 3.
Compounds of the anthraquinone series, Preparing. E. C. Buxbaum. 2,346,726; Apr. 18.
Compounds of the cyclopentano-polyhydrophenanthrene series and manufacture of the same. A. Butenandt, J. Schmidt-Thomé and I. Schwenk. 2,353,806; July 18.
Compounds of the cyclopentano-polyhydrophenanthrene series and manufacture thereof. A Butenandt. 2,341,061; Feb. 8.
Compounds of the pregnane series and producing the same, Valuable. H. H. Inhoffen. 2,358,506; Sept. 26.
Compounds of the saturated and unsaturated cyclopentanopolyhydrophenanthrene-series and derivatives thereof, and preparing same. T. Reichstein and H. Frey. 2,352,568; June 27.
Compressed composition and products and the like. C. H. Schuh. 2,345,009; Mar. 28.
Compressed fluid condenser. J. L. Finch. 2,344,238; Mar. 14.
Compressible sealing ring. T. B. Smith. 2,360,734; Oct. 17.
Compression apparatus for producing pipe. J. Ferla. 2,361,933; Nov. 7.
Compression coupling. H. W. Eden. 2,344,032; Mar. 14.
Compression testing device for thin materials. W. P. Montgomery. 2,350,060; May 30.
Compressional wave indicator. D. O. Sproule. 2,350,060; May 30.
Compressor. R. L. Benson. 2,365,673; Dec. 26.
Compressor. H. H. Bixler. 2,339,045; Jan. 11.
Compressor. C. B. Curry. 2,344,028; Mar. 14.
Compressor. E. Morrison. 2,350,518; June 6.
Compressor. W. W. Paget. 2,340,074; Jan. 25.
Compressor. W. W. Winhart. 2,347,862; May 2.
Compressor and the like. R. M. Hvid. 2,360,876; Oct. 24.
Compressor and variable equalizer system. K. Singer. 2,341,336; Feb. 8.
Compressor apparatus. A. Lysholm. 2,358,815; Sept. 26.
Compressor assembly. H. H. Bixler. 2,361,815; Oct. 31.
Compressor, Centrifugal. D. F. Warner. 2,362,514; Nov. 14.
Compressor control. W. J. McCoy, Jr. 2,335,451; Jan. 4.
Compressor for internal combustion engines. P. C. Vincent. 2,347,444; Apr. 25.
Compressor for piston rings and the like. R. G. Dean. 2,345,555; Apr. 4.
Compressor for pulsator systems. C. U. Ballard. 2,360,539; Oct. 17.
Compressor-generator unit, Engined. C. R. Waseige. 2,364,013; Nov. 28.
Compressor, Hermetic refrigeration. J. Touborg. 2,364,033; Nov. 28.
Compressor, Multistage. W. Weimer. 2,361,726; Oct. 31.
Compressor or pump. H. M. Gingrich. 2,341,710; Feb. 15.
Compressor, Reciprocating. R. C. Warneke and W. L. Knaus. 2,343,211; Feb. 29.
Compressor regulator. R. D. Rhoads and R. L. Nash. 2,361,870; Oct. 31.
Compressor roll for textile machines. I. R. Rowe. 2,352,298; June 27.
Compressor, Rotary reciprocating. S. A. Limpert. Re. 22,526; Aug. 1.
Compressor system. C. A. Corson. 2,345,797; Apr. 4.
Compressor unloader. H. H. Bixler. 2,338,486; Jan. 4.
Compressor valve. P. L. Crittenden. 2,365,004; Dec. 26.

Computer. H. B. Huntley and W. Vandersteel. 2,344,146; Mar. 14.
Computer, Fire control. G. A. Crowther. 2,356,830; Aug. 29.
Computer for aircraft load distribution. E. W. Schlieben and W. Friedman. 2,365,404; Dec. 19.
Computing machine. W. A. Anderson. 2,361,002; Oct. 24.
Computing machine. G. H. Hellgren. 2,365,874; Dec. 26.
Computing machine. H. P. Mixer. 2,344,627; Mar. 21.
Computing machine. H. P. Mixer. 2,360,615; Oct. 17.
Computing mechanism. H. P. Luhn. 2,348,141; May 2.
Concentrating apparatus. J. H. Macartney. 2,362,706; Nov. 14.
Concentrating machine. C. R. Hammond. 2,342,193; Feb. 22.
Concentrating table. C. C. Herbert. 2,355,374; Aug. 8.
Concentration. W. S. Burkhart. 2,343,169; Feb. 29.
Concentration recorder. J. Van den Akker. 2,350,001; May 30.
Concentrator. R. S. Buckman. 2,361,927; Nov. 7.
Concentrator, Dust. J. E. McDonald. 2,339,416; Jan. 18.
Concrete beams, Molding hollow. A. M. Pennington. 2,357,968; Sept. 12.
Concrete block lifter. E. F. Zuber. 2,347,310; Apr. 25.
Concrete block machine. H. E. Billman, C. E. Glassen, and F. X. Muenzer. 2,341,012; Feb. 8.
Concrete block mold. M. E. Greenwalt. 2,355,967; Aug. 15.
Concrete blocks, Method and apparatus for providing lifting hooks and recesses in. G. P. Forni. 2,344,206; Mar. 14.
Concrete bucket. F. T. Crowe. 2,350,015; May 30.
Concrete consistency meter. G. Maxon, Jr. 2,342,749; Feb. 29.
Concrete floor construction, Reinforced. W. J. Kupec and A. W. Rawlins. 2,357,408; Sept. 5.
Concrete form. C. G. Weber. 2,344,841; Mar. 21.
Concrete form and holder. E. J. Rohrer. 2,347,126; Apr. 18.
Concrete form clamp. G. H. Stroben. 2,340,439; Feb. 1.
Concrete form material. R. D. Behm. 2,364,772; Dec. 12.
Concrete-form structure. J. Huddleston and E. W. Simpson. 2,355,376; Aug. 8.
Concrete form unit. W. A. Jennings. 2,341,993; Feb. 15.
Concrete mixer. L. G. Hilkemeier. 2,362,435; Nov. 7.
Concrete mixer. H. C. Peters. 2,338,820; Jan. 11.
Concrete mixer water supply system. L. G. Hilkemeier. 2,360,344; Oct. 17.
Concrete mixtures, Determining the consistency of. W. H. Clagett, Jr. 2,357,033; Aug. 29.
Concrete pile. H. G. G. G. Riches. 2,351,288; June 13.
Concrete pipe, Method and apparatus for making. G. W. Hutchinson. 2,356,652; Aug. 29.
Concrete placing machine. C. Jackson. 2,346,378; Apr. 11.
Concrete ship. R. Nebolsine. 2,365,770; Dec. 26.
Concrete ship, Reinforced. V. Yourkevitch. 2,341,008; Feb. 8.
Concrete structure. R. R. Colburn. 2,358,147; Sept. 12.
Concrete structure, Reinforced. D. H. Whitehill. 2,347,449; Apr. 25.
Concrete, Waterproofing of. H. Goldstein and L. Liberthson. 2,358,776; Sept. 26.
Condensate removal. M. C. Terry and P. Komroff. 2,349,059; May 16.
Condensate trap for suction conduits. F. B. Allen. 2,360,634; Oct. 17.
Condensation of aldehydes with carboxylic acids and their derivatives. M. M. Brubaker. 2,341,016; Feb. 8.
Condensation of mononitroalkanes and aliphatic ketones. H. B. Hass and J. F. Bourland. 2,343,256; Mar. 7.
Condensation of primary aliphatic aldehydes. H. Mitchemer. 2,345,133; Mar. 28.
Condensation product. K. Alder and H.-F. Rickert. 2,351,311; June 13.
Condensation product. C. Graenacher and R. Sallmann. 2,338,178; Jan. 4.
Condensation product. E. Lieber. 2,346,926; Apr. 18.
Condensation product and making same. C. Graenacher, R. Sallmann, and O. Albrecht. 2,338,177; Jan. 4.
Condensation product and making the same. G. F. D'Alelio. 2,340,044–5–6; Jan. 25.
Condensation product and preparing and using same. E. Lieber. 2,353,053; July 4.
Condensation product and preparing and using the same. E. Lieber and M. M. Sadlon. 2,339,493; Jan. 18.
Condensation product and preparing the same. G. F. D'Alelio. 2,339,621; Jan. 18.
Condensation product and preparing the same. G. F. D'Alelio. 2,339,622; Jan. 18.
Condensation product, Producing. E. Schirm. 2,355,114; Aug. 8.
Condensation products. K. Alder and E. Windemuth. 2,352,606; July 4.
Condensation products and preparing and using same. E. Lieber and H. T. Rice. 2,364,454; Dec. 5.
Condensation products and preparing same. C. Graenacher and R. Sallmann. 2,361,093; Oct. 24.
Condensation products and preparing the same. C. Graenacher and R. Sallmann. 2,365,871; Dec. 26.
Condensation products derived from 4,4'-diaminodiphenylsulphone and making them. R. Behnisch and P. Pohls. 2,339,318; Jan. 18.
Condensation products from substances of the type of dihydroxy-diphenylmethane and making them. E. Haack. 2,340,528; Feb. 1.
Condensation products, Manufacture of. W. Hentrich and A. Kirstahler. 2,345,121; Mar. 28.
Condensation products, Manufacture of thiourea. C. Graenacher, R. Sallmann, and O. Albrecht. 2,345,109; Mar. 28.
Condensation products of a urea, an aliphatic aldehyde, and an amino salt. G. F. D'Alelio. 2,341,266; Feb. 8.
Condensation products of acetylene, Production of acyclic. H. P. Staudinger and K. H. W. Tuerck. 2,348,159; May 2.
Condensation products of an aminotriazine, and aldehyde, and a halogenated amide. G. F. D'Alelio. 2,351,602; June 20.
Condensation products of phenols and phenolic ethers, and preparing the same. M. T. Harvey. 2,364,712; Dec. 12.
Condensation products of sulphonic acid amides and sulphonic acid hydrazides and preparing them. L. Orthner, G. Balle, and H. Schild. 2,344,321; Mar. 14.
Condensation products of ures and amines. J. A. P. Klensle. 2,362,552; June 27.
Condensation products, Production of. H. Hopff, A. Weickmann, and R. Kern. 2,352,387; June 27.
Condenser: *See*—
Compressed fluid condenser. Vacuum condenser.
Electric condenser. Vapor condenser.
Electrical condenser. Variable condenser.
Condenser and similiar tubes and their joints. F. C. W. Wilkinson. 2,354,900; Aug. 1.
Condenser-discharge electric system. H. E. Edgerton. 2,351,603; June 20.
Condenser seam welding. H. Klemperer. 2,359,315; Oct. 3.
Condenser welding system. H. Klemperer. 2,364,079; Dec. 5.
Condensers and the like, Construction of. H. D. Heron. 2,342,398; Feb. 22.
Condiment holder. F. G. Barber. 2,343,734; Mar. 7.
Condiment holder. E. R. Chase. 2,344,801; Mar. 21.
Condiment holder. J. Fess. 2,354,004; July 18.
Condiment holder. J. C. Fram and H. W. Mitcheltree. 2,342,922; Feb. 29.
Condition control. E. D. Lilja. 2,344,991; Mar. 28.
Condition control. E. D. Lilja. 2,365,709; Dec. 26.
Condition control apparatus. J. E. Robb. 2,363,748; Nov. 28.
Condition responsive device. F. D. Joesting. 2,363,595; Nov. 28.
Condition responsive system. G. W. Sprenger and D. G. Cameron. 2,341,297; Feb. 8.
Conditioner for congealable liquids. J. C. Shaw. 2,343,869; Mar. 14.
Conditioning and cooling system, Air. T. W. Carraway. 2,342,841; Feb. 29.
Conditioning attachment for automobiles. L. M. Patterson. 2,340,982; Feb. 8.
Conditioning device, Congealable liquid. R. G. Dykeman, J. C. Shaw, and A. C. Hoffman. 2,343,868; Mar. 14.
Conditioning device, Congealable liquid. A. C. Hoffman. 2,343,867; Mar. 14.
Conditioning water. C. T. Fuetterer. 2,351,259; June 13.
Conditioning yarn on bobbins, etc. V. Woolley. 2,347,978; May 2.
Conducting different investigations simultaneously in bore holes, Method and apparatus for. H. G. Doll. 2,357,177; Aug. 29.
Conducting materials by comparison, Testing. J. Zubko. 2,342,029; Feb. 15.
Conductor: *See*—
Covered electrical conductor.
Conductor and track wire connection holding means. O. S. Flath. 2,348,968; May 16.
Conductor core for wire ropes and manufacture. J. C. Arnold. 2,345,864; Apr. 4.
Conductor identifier. J. L. Smith. 2,360,170; Oct. 10.
Conductor laying machine. A. E. Freeman. 2,345,929; Apr. 4.
Conductor support. L. W. Birch. 2,342,242; Feb. 22.
Conductor support. R. P. Hanna. 2,356,052; Aug. 15.
Conductors, Anchorage for electric service. F. H. Luecke. 2,340,761; Feb. 1.
Conductors, Making electrical. A. W. Keen and R. B. Frost. 2,363,871; Nov. 28.
Conductors of coaxial electrical transmission lines, Connecting means for. W. A. Bruno. 2,365,048; Dec. 12.
Conduit. W. D. Callan. 2,338,801; Jan. 11.
Conduit clip and supporting bracket. E. M. Morehouse. 2,338,659; Jan. 4.
Conduit clips, Temporary holding device for. E. M. Morehouse. 2,338,658; Jan. 4.
Conduit, Collapsible. L. L. Wilson. 2,352,876; July 4.
Conduit connection for enameled tanks. S. Bodnar and W. S. Gaines. 2,362,983; Nov. 21.

Conduit connection for tanks. E. H. Meyers and W. S. Gaines. 2,360,359; Oct. 17.
Conduit connector. R. E. Peck. 2,360,159; Oct. 10.
Conduit coupling device. M. P. Dougherty. 2,343,755; Mar. 7.
Conduit fitting. O. C. Moll. 2,357,755; Sept. 5.
Conduit fitting, Air conditioning. R. E. Peck. 2,359,579; Oct. 3.
Conduit, High temperature. I. L. Coffman. 2,361,383; Oct. 31.
Conduit, Plastic. S. D. Bradley. 2,340,926; Feb. 8.
Conduit support. H. R. Ellinwood. 2,362,124; Nov. 7.
Conduit support. R. L. Hayman. 2,356,318; Aug. 22.
Conduit support. M. J. West. 2,365,985; Dec. 26.
Conduit supporting and bonding block. L. P. Issoglio and H. R. Ellinwood. 2,361,943; Nov. 7.
Conduit supporting block. E. M. Morehouse. 2,355,742; Aug. 15.
Conduit supporting block and bracket therefor. E. M. Morehouse. 2,338,660; Jan. 4.
Conduit supporting clip. E. M. Morehouse. 2,355,096; Aug. 8.
Conduit supporting clip. B. F. Schmidt. 2,355,115; Aug. 8.
Conduit supporting device. J. Banneyer. 2,361,732; Oct. 31.
Conduit supporting device. J. Banneyer. 2,365,620; Dec. 19.
Cone bit construction. G. F. Fermier. 2,339,161; Jan. 11.
Confection, Frozen. K. L. Hayden. 2,355,915; Aug. 15.
Confection packaging machine. S. F. Anderson 2,355,500; Aug. 8.
Confectionery, Coated frozen. D. Glazer. 2,360,559; Oct. 17.
Confections, Method and apparatus for making flavor. A. C. Routh. 2,344,901; Mar. 21.
Conical frustums by progressive chamfering, Forming. W. Horberg. 2,356,850; Aug. 29.
Conjoint polymerization products. E. W. Moffett and R. E. Smith. 2,356,871; Aug. 29.
Conjugate centers of percussion of railway cars, Determining. E. P. Moses. 2,360,706; Oct. 17.
Connate water, determination. F. C. Kelton, Jr. 2,352,638; July 4.
Connecting device. W. A. Bruno. 2,359,351; Oct. 3.
Connecting device. J. E. Simon. 2,355,913; Aug. 15.
Connecting device. R. A. W. Spooner. 2,352,414; June 27.
Connecting elements of punching units. G. F. Wales. 2,361,668; Oct. 31.
Connecting rod lubrication. A. Chilton. 2,342,036; Feb. 15.
Connection. G. Hohwart. 2,360,058; Oct. 10.
Connection and insert, Threaded. H. J. Findley. 2,363,662; Nov. 28.
Connection box for electrical terminals. R. I. Schonitzer, E. L. Allen, and H. B. Muster. 2,359,053–4; Sept. 26.
Connection for carbon segments of collectors. O. Conradty. 2,338,409; Jan. 4.
Connection for elements of a rotatable unit. C. C. Fawcett. 2,345,910; Apr. 4.
Connection for hot-water tanks. E. R. Koppel. 2,361,636; Oct. 31.
Connection for teleprinters. E. Rossberg. 2,349,990; May 30.
Connection for thin wall tubing. O. N. Gredell. 2,338,686; Jan. 4.
Connection plug. L. A. Battermann. 2,356,199; Aug. 22.
Connector: *See*—
- Battery cable connector.
- Close-fit connector.
- Conduit connector.
- Drive socket connector.
- Elastic connector.
- Electrical connector.
- Electrical or mechanical connector.
- Electrical terminal connector.
- Hose connector.
- Insulated wire connector.
- Lead connector.
- Line connector.
- Separable connector.
- Service connector.
- Snub terminal connector.
- Timber connector.
- Tire chain connector.
- Tube connector.
- Wire connector.

Connector. A. D. Blanchard. 2,361,816; Oct. 31.
Connector. F. M. Kratoville. 2,339,488; Jan. 18.
Connector. C. E. Wade. 2,360,917; Oct. 24.
Connector clip. J. Bender. 2,353,286; July 11.
Connector for electric wires. W. R. Main. 2,355,387; Aug. 8.
Connector for insulated conductors. M. A. Mattis. 2,353,778; July 18.
Connector for welding machines, Cable. J. Novak. 2,353,114; July 4.
Connector plug. C. H. Jndisch. 2,362,074; Nov. 7.
Connector plug. C. W. Steckel. 2,338,141; Jan. 4.
Connectors, Forming solderless. H. M. Stieglitz. 2,358,745; Sept. 19.
Connectors having forked ends, Manufacture of. N. Cooke and R. I. Minchom. 2,340,508; Feb. 1.
Connectors, Making. J. Saul. 2,343,933; Mar. 14.
Conoscope. W. L. Bond. 2,352,072; June 20.
Consolidating in a single beam light from a plurality of sources. F. D. Blauvelt. 2,342,115; Feb. 22.
Constant current control. E. H. Haug. 2,351,681; June 20.
Constant load transmission. V. V. Haugh. 2,353,334; July 11.
Constant tension letoff mechanism. C. D. Brown. 2,350,954; June 6.
Constant-velocity joint. T. A. Waldron. 2,346,058; Apr. 4.
Constant velocity universal joint. A. Y. Dodge. 2,352,776; July 4.
Constant velocity universal joint. C. H. Taylor. 2,365,606; Dec. 19.
Constituent in a fluid, Estimation of a. F. W. Haywood. 2,364,789; Dec. 12.
Constituents of waste sulphite liquor, Recovering. D. L. Sherk. 2,354,553; July 25.
Constricting tool. J. J. Harley. 2,342,397; Feb. 22.
Construction for glass melting tanks. W. F. Gaunder. 2,363,954; Nov. 28.
Construction for heat-transfer reduction. C. Durham. 2,364,961; Dec. 12.
Construction joint. H. Stannard and E. G. Janke. 2,349,684; May 23.
Construction material. A. C. Fischer. 2,352,314; June 27.
Construction of piles, caissons or the like in situ. E. A. Brisay. 2,342,243; Feb. 22.
Construction of tools, Handle eye. L. Schwarzmayr. 2,340,619; Feb. 1.
Construction unit. G. W. Garbe. 2,356,309; Aug. 22.
Construction units, Assembling. L. F. Urbain. 2,340,911; Feb. 8.
Consuming bodies, Method and apparatus for. L. H. Vanderwerf. 2,365,983; Dec. 26.
Contact agents, Preparing. G. C. Connolly. 2,340,935; Feb. 8.
Contact and socket for the contact. W. Hurleman. 2,346,166; Apr. 11.
Contact catalyst, Regeneration of a. H. J. Hall. 2,342,856; Feb. 29.
Contact construction. P. M. Christensen. 2,354,501; July 25.
Contact mass, Active. G. R. Bond, Jr. 2,338,089; Jan. 4.
Contact mechanism. A. J. McConnell and W. C. Morris. 2,359,136; Sept. 26.
Contact member, Resilient removable. R. P. Ballou. 2,359,605; Oct. 3.
Contact or hinged conductors, Roller. A. C. Schwager and R. H. Gerard. 2,359,055; Sept. 26.
Contact printer. M. P. Pfeil. 2,357,541; Sept. 5.
Contact shoe, Third rail. R. H. Sierk. 2,354,885; Aug. 1.
Contact springs tack-up. F. J. Stehlik. 2,339,434; Jan. 18.
Contact terminal structure. J. F. Ebert. 2,347,815; May 2.
Contacting apparatus. K. H. Hachmuth. 2,345,667; Apr. 4.
Contactor unit for air conditioning systems. W. G. Dieter. 2,363,578; Nov. 28.
Contacts, Forming. W. J. Weder. 2,354,081; July 18.
Contacts on metal oxide-metal rectifiers, Forming. E. E. Wright. 2,362,228; Nov. 7.
Container: *See*—
- Aerial delivery container.
- Aerial delivery gun container.
- Ammunition container.
- Article dispensing container.
- Beverage container.
- Bicycle container.
- Blade container.
- Bottle container.
- Box container.
- Bulk materials container.
- Cellular container.
- Chemical container.
- Chemically heated liquid container.
- Collapsible clothing container.
- Collapsible container.
- Crystal container.
- Dispensing container.
- Dispensing container or carton.
- Display container.
- Drill container.
- Explosive container.
- Fiber container.
- Fibrous-covered container.
- Fish lure container.
- Flexible or pliable container.
- Fluid container.
- Glass lined container.
- Hinged container.
- Ice cream container.
- Ink container.
- Insulated record container.
- Key opening container.
- Key opening sheet metal container.
- Labeled container.
- Lipstick container.
- Liquid dispensing container.
- Lock end wire-bound shipping container.
- Merchandise container.
- Metal container.
- Moistureproof collapsible container.
- Molded barrel-shaped container.
- Motor oil container.
- Motor shipping container.
- Multiple container.
- Nonrefillable container.
- Pill dispensing container.
- Plant shipping container.
- Portable container.
- Record card container.
- Rip strip container.
- Sanitary tissue container.
- Sheet metal container.
- Shipping container.
- Single walled container.
- Soap container.
- Sterilizer container.
- Tape dispensing container.
- Telescopic container.
- Tubular container.
- Valved container.
- Vegetable peeler container.
- Wire opening container.

Container. A. Abrams, D. W. Davis, G. W. Forcey, G. G. Rumberger, and C. L. Warner. 2,348,680; May 9.
Container. S. Alman. 2,339,665; Jan. 18.
Container. A. E. Almgren. 2,355,044; Aug. 8.
Container. H. L. Apfelbaum. 2,340,636; Feb. 1.

Container. Z. Auerbach. 2,347,021; Apr. 18.
Container. C. Barbieri. 2,347,236; Apr. 25.
Container. J. J. Blum. 2,351,804; June 20.
Container. J. J. Blum. 2,356,969; Aug. 29.
Container. H. E. Braloff. 2,350,214; May 30.
Container. H. E. Braloff. 2,350,271; May 30.
Container. F. L. Brandt. 2,364,943; Dec. 12.
Container. A. J. Brown, H. E. Copen, and J. Nisenson. 2,357,309; Sept. 5.
Container. L. P. Bruening. 2,364,125; Dec. 5.
Container. A. R. Conklin. 2,341,762; Feb. 15.
Container. W. B. Crane. 2,347,183; Apr. 25.
Container. S. de Mian and C. E. Taylor. 2,357,092–3; Aug. 29.
Container. L. E. Denison. 2,340,651; Feb. 1.
Container. J. D'Esposito. 2,344,852; Mar. 21.
Container. C. Doppelt. 2,346,563; Apr. 11.
Container. E. B. Duell. 2,353,818; July 18.
Container. G. E. Eckman. 2,342,128; Feb. 22.
Container. G. E. Eckman. 2,344,505; Mar. 21.
Container. G. C. Erb and G. W. Reese. 2,355,062; Aug. 8.
Container. E. E. Geisinger and R. F. Goecke. 2,356,047; Aug. 15.
Container. J. D. Gerahty. 2,358,569; Sept. 19.
Container. E. M. Gibson. 2,360,414; Oct. 17.
Container. F. Gineberg. 2,346,571; Apr. 11.
Container. S. L. Gookin. 2,344,507; Mar. 21.
Container. R. Guyer. 2,358,924; Sept. 26.
Container. C. M. Hannaford. 2,360,224; Oct. 10.
Container. W. S. Harris. 2,349,962; May 30.
Container. P. S. Hauton and J. W. Marlin. 2,358,859; Sept. 26.
Container. G. P. Hayn. 2,358,709; Sept. 19.
Container. A. H. Heineman. 2,341,548; Feb. 15.
Container. J. M. Hothersall. 2,346,165; Apr. 11.
Container. J. M. Hothersall. 2,348,684–5; Apr. 18.
Container. J. M. Hothersall. 2,347,686–7; May 2.
Container. E. P. S. Hoyt. 2,340,124; Jan. 25.
Container. W. H. Inman. 2,355,729; Aug. 15.
Container. O. Johnson. 2,340,473; Feb. 1.
Container. J. L. Kalius. 2,350,463; June 6.
Container. M. Kleinmann. 2,346,538; Apr. 11.
Container. M. O. Kuhn. 2,339,554; Jan. 18.
Container. M. O. Kuhn. 2,354,425; July 25.
Container. F. J. Larson. 2,346,847; Apr. 18.
Container. M. N. Lebedeff. 2,354,691; Aug. 1.
Container. R. E. MacDonald. 2,338,862; Jan. 11.
Container. D. E. Marshall. 2,349,362; May 23.
Container. W. G. and R. I. McLellan, W. J. Field, and G. H. Poesch. 2,348,488; May 9.
Container. J. W. Meaker. 2,340,546; Feb. 1.
Container. H. Merker and H. L. Newton. 2,346,445; Apr. 11.
Container. H. Merker and H. L. Newton. 2,352,728; July 4.
Container. C. Z. Monroe. 2,360,439; Oct. 17.
Container. R. E. Moyer. 2,348,437–8; May 9.
Container. W. H. Newton. 2,355,233; Aug. 8.
Container. R. Nyden. 2,361,958; Nov. 7.
Container. C. F. Peck. 2,348,750; May 16.
Container. G. A. Ramsden and G. J. R. Ramsden. 2,350,925; June 6.
Container. G. W. Reese. 2,355,108; Aug. 8.
Container. J. E. Robinson and R. P. Bigger. 2,353,762; July 18.
Container. B. Rous. 2,348,310; May 9.
Container. H. W. Sanford. 2,351,150; June 13.
Container. H. Sebell. 2,340,568; Feb. 1.
Container. H. Sebell. 2,351,550; June 13.
Container. J. G. Shakman. 2,340,229; Jan. 25.
Container. S. R. Shearston. 2,363,811; Nov. 28.
Container. E. L. Stern. 2,353,522; July 11.
Container. R. C. Taylor. 2,344,525; Mar. 21.
Container. E. O. Then. 2,339,301; Jan. 18.
Container. E. O. Then. 2,347,719; May 2.
Container. R. H. Van Saun. 2,342,564; Feb. 22.
Container. C. C. Vatter. 2,353,376; July 11.
Container. H. R. Witense. 2,357,859; Sept. 12.
Container. R. R. Walton. 2,352,503; June 27.
Container. R. R. Walton, J. J. Austin, and G. E. Gott. 2,364,012; Nov. 28.
Container. R. R. Walton and D. G. Greenlie. 2,365,159; Dec. 19.
Container. R. J. White. 2,347,724; May 2.
Container. R. H. Whitmyer. 2,357,246; Aug. 29.
Container. B. M. Williams and F. L. Rushing. 2,355,578; Aug. 8.
Container. B. M. Williams and F. L. Rushing. 2,357,155; Aug. 29.
Container. D. E. Wobbe. 2,346,714; Apr. 18.
Container and blank therefor. T. S. Okonski. 2,340,422; Feb. 1.
Container and closure cap therefor. H. Carew. 2,351,318; June 13.
Container and closure structure. W. H. Robinson. 2,363,693; Nov. 28.
Container and constricting rim therefor. H. L. Carpenter. 2,351,484; June 13.
Container and covering means. A. P. Geimer. 2,365,186; Dec. 19.
Container and dispenser, Combined. W. H. Radbruch. 2,343,026; Feb. 29.
Container and dispenser, Cosmetic powder. G. D. Runnels. 2,365,908; Dec. 26.
Container and ejector, Combined. W. H. Radbruch. 2,358,998; Sept. 26.
Container and end closure therefor and making. B. F. Sir. 2,359,882; Oct. 10.
Container and forming same. G. A. Moore. 2,357,842; Sept. 12.
Container and making same. A. and E. A. Calleson. 2,339,763; Jan. 25.
Container and making same. D. E. Grove. 2,343,550; Mar. 7.
Container and making same. C. E. McManus, Jr., and G. B. Cooke. 2,357,415; Sept. 5.
Container and making same. G. A. Moore. 2,353,178; July 11.
Container and making the same. J. G. Mark and F. W. Lanigan. 2,341,845; Feb. 15.
Container and making the same. J. C. Morrell. 2,364,234; Dec. 5.
Container and making the same. K. Stuart and A. B. Wilson. 2,359,335; Oct. 3.
Container and manufacture. P. M. Gilfillan and I. Gurwick. 2,354,590; July 25.
Container and manufacture. G. A. Moore. 2,342,158; Feb. 22.
Container and manufacture. G. A. Moore. 2,361,408; Oct. 31.
Container and method. G. A. Moore. 2,341,056; Feb. 8.
Container and package. G. J. Datz. 2,356,656; Aug. 22.
Container and parts thereof. P. Zalkind. 2,364,765; Dec. 12.
Container and parts therefor. P. Zalkind. 2,364,766; Dec. 12.
Container and support therefor. B. D. Goldberg. 2,343,409; Mar. 7.
Container attachment. M. J. Nevins, Jr. 2,340,976; Feb. 8.
Container blank Paper. H. Lehmann. 2,344,359; Mar. 14.
Container body. G. R. Atkinson. 2,342,109; Feb. 22.
Container body and end closure feeding mechanism. O. A. Schmitt. 2,354,068; July 18.
Container cap. I. L. Wilcox, and R. F. Huntley. 2,355,493; Aug. 8.
Container cleaning machine. A. C. Everett. 2,354,308; July 25.
Container closure. H. D. Chaffee. 2,347,253; Apr. 25.
Container closure. E. C. Emanuel. 2,354,855; Aug. 1.
Container closure. J. M. Hothersall. 2,355,074; Aug. 8.
Container closure. H. M. Kulman. 2,341,925; Feb. 15.
Container closure. R. D. Patterson. 2,349,913; May 30.
Container closure and lining composition. K. Tator. 2,347,618; Apr. 25.
Container closure means. W. H. Inman. 2,342,543; Feb. 22.
Container cover. E. A. Wille. 2,346,631; Apr. 11.
Container covers. R. L. Batchelor. 2,362,740; Nov. 14.
Container delivering articles singly. A. J. G. Chandler. 2,348,449; May 9.
Container fabricating machine. C. Z. Monroe. 2,357,535; Sept. 5.
Container filling apparatus. B. DeH. Miller. 2,363,543; Nov. 28.
Container filling mechanism. G. L. Cross and W. F. Miller. 2,358,001; Sept. 12.
Container for asphalt, tar, and like products. H. Smith. 2,352,865; July 4.
Container for cigarettes, cigars, or other articles, Delivery. V. J. Pacione. 2,346,863; Apr. 18.
Container for cosmetic powder. A. E. Vaughn. 2,365,921; Dec. 26.
Container for cosmetic powders and other cosmetics. A. McL. Whitehead. 2,344,577; Mar. 21.
Container for fluids. M. H. Sidebotham. 2,362,862; Nov. 14.
Container for gates under pressure, Reinforcing hollow G. L. C. Earle. 2,344,856; Mar. 21.
Container for implantation tablets. E. Putter. 2,366,053; Dec. 26.
Container for liquids and granular substances. H. H. Beasley. 2,338,397; Jan. 4.
Container for match books and the like. E. A. Allen. 2,351,469; June 13.
Container for pencil fillers. P. S. Hauton. 2,365,191; Dec. 19.
Container for sheet materials, Dispensing. L. Goodman and R. Brandwein. 2,347,823; May 2.
Container for syringe and hypodermic needles, Sterilizing. N. Butzke. 2,346,725; Apr. 18.
Container for tablets. J. Klotz. 2,341,447; Feb. 8.
Container for tobacco, cigarettes, and pipe cleaners and the like articles. N. Sevastopulos. 2,336,087; Apr. 4.
Container handling apparatus. H. E. Gantzer. 2,346,421; Apr. 11.
Container handling apparatus. H. E. Gantzer. 2,352,949; July 4.
Container handling device. C. F. Ernst. 2,360,858; Oct. 24.
Container handling machine. A. E. Almgren. 2,357,709; Sept. 12.
Container having a pouring spout. E. H. Levin. 2,348,140; May 2.

Container, lighter, and dispenser, Combination cigarette. R. Mayer. 2,342,747–8; Feb. 29.
Container loading apparatus. A. Smith. 2,358,421; Sept. 19.
Container lock. J. D'Esposito. 2,349,707; May 23.
Container making and filling machine. A. G. Liebmann. 2,352,645; July 4.
Container making machine. H. Carew. 2,352,369; June 27.
Container making machine. J. F. Wilgus. 2,347,227; Apr. 25.
Container manufacture. W. E. Sooy and R. W. von Sydow. 2,349,312; May 23.
Container pressure withstanding testing device. T. A. St. Clair. 2,353,275; July 11.
Container sealing machine. R. M. Mero. 2,362,840; Nov. 14.
Container sealing machine. C. W. Rothaug. 2,356,472; Aug. 22.
Container seaming machine. W. L. Hawk, M. Paul, and L. W. Evans. 2,349,865; May 30.
Container separating apparatus. J. Magnusson. 2,363,189; Nov. 21.
Container side seam sealing compound applying apparatus. J. Henchert and C. P. Ball. 2,344,303; Mar. 14.
Container steaming apparatus and method, Filled. H. L. Minaker. 2,362,841; Nov. 14.
Container structure. F. J. O'Brien. 2,362,845; Nov. 14.
Container support for perfume. W. B. Cohen. 2,353,649; July 18.
Container transfer equipment for vehicles. R. A. Norbom. 2,348,019; May 2.
Container vacuumising and closing apparatus. F. J. O'Brien. 2,340,341; Feb. 1.
Container vent. P. T. Radtke. 2,365,590; Dec. 19.
Container—wall connection, Collapsible. P. Zalkind. 2,362,520; Nov. 14.
Container with collapsible closure. M. I. Williamson. 2,365,739; Dec. 26.
Container with receptacle for refrigerant, Liquid. D. Platkin. 2,362,223; Nov. 7.
Containers and apparatus therefor, Manufacture of. M. S. Lopez, Jr. 2,354,920; Aug. 1.
Containers containing hydrogen sulphide vapor. C. P. Larrabee. 2,347,916; May 2.
Containers, Cover for. F. Renner. 2,355,559; Aug. 8.
Containers, Making. C. E. McManus, C. E. McManus, Jr., and W. I. Gladfelter. 2,359,775; Oct. 10.
Containers, Making paperboard. C. F. Klein. 2,363,425; Nov. 21.
Containers, Making pressure. S. W. Alderfer. 2,366,141; Dec. 26.
Containers, Manufacture of dispensing. J. C. Fuller. 2,347,737; May 2.
Containers, Method and apparatus for making. J. J. Shea, W. F. Irrgang, and W. E. Swift, Jr. 2,347,439; Apr. 25.
Containers, Method and apparatus for sealing. W. D. Bell. 2,361,365; Oct. 31.
Containers, Method and apparatus for vacuumizing. H. Brandt. 2,349,588; May 23.
Containers, Opener for. C. B. White and J. Winkler. 2,343,602; Mar. 7.
Containers, Sealing. J. E. Rothrock. 2,345,887; Apr. 4.
Containers, Testing filled. H. L. Griffin. 2,362,997; Nov. 21.
Containers, Treating and conditioning. M. E. Parker and P. W. Bonewitz. 2,338,689; Jan. 4.
Continuous centrifugal extractor. J. J. Neuman. 2,341,230; Feb. 8.
Continuous envelope assembly. J. S. Fleming. 2,338,922; Jan. 11.
Continuous press. J. W. Clerke. 2,365,804; Dec. 26.
Continuous towel cabinet. F. G. Darman. 2,338,905; Jan. 11.
Continuous type payoff reel. W. O. Aldrich. 2,349,689; May 23.
Contour cutting machine. N. S. Ballard, Sr. 2,341,201; Feb. 8.
Contour separable fastener. L. H. Morin. 2,345,880; Apr. 4.
Contouring machine and method. D. R. Trinkle. 2,365,365; Dec. 19.
Contractile casting core. G. L. Ewing. 2,359,471; Oct. 3.
Contractor-expander for electric seismographs. J. P. Minton. 2,354,420; July 25.
Control. E. W. Fuller. 2,357,321; Sept. 5.
Control. G. Knaak. 2,351,216; June 13.
Control. D. R. Staples and C. A. Ruckert. 2,339,117; Jan. 11.
Control amplifier. E. W. Kellogg. 2,357,661; Sept. 5.
Control and drainage means, Drier. A. E. Armstrong. 2,351,733; June 20.
Control and ejector for grinders, Hydraulic. H. Koplin and A. R. Slate. 2,364,300; Dec. 5.
Control and signal system. W. A. Derr. 2,345,039; Mar. 28.
Control apparatus. H. S. Beakes. 2,342,034; Feb. 15.
Control apparatus. T. A. Cohen. 2,343,001; Feb. 29.
Control apparatus. R. C. Davis. 2,354,429; July 25.
Control apparatus. L. O. Grondahl and P. N. Boesart. 2,344,748–9; Apr. 18.
Control apparatus. F. Hudson and V. G. Clay. 2,346,967; Apr. 18.
Control apparatus. F. Hudson and W. C. Fulton. 2,359,110; Sept. 26.
Control apparatus. S. G. Isserstedt. 2,346,807; Apr. 11.
Control apparatus. S. G. Isserstedt. 2,357,897; Sept. 12.
Control apparatus. H. S. Jones. 2,340,126; Jan. 25.
Control apparatus. H. E. Malone. 2,338,123; Jan. 4.
Control apparatus. H. E. Malone. 2,353,740; July 18.
Control apparatus. R. C. Marholz. 2,343,219; Feb. 29.
Control apparatus. C. E. Meyerhoefer. 2,360,254; Oct. 10.
Control apparatus. A. W. Plensler. 2,342,691; Feb. 29.
Control apparatus. B. C. Raney. 2,340,686; Feb. 1.
Control apparatus. E. C. Raney. 2,360,676; Oct. 3.
Control apparatus. H. T. Sparrow. 2,355,567; Aug. 8.
Control apparatus. G. W. Upp. 2,345,223; Mar. 28.
Control apparatus. A. B. White. 2,365,610; Dec. 19.
Control apparatus. M. E. Whitenack. 2,343,212; Feb. 29.
Control apparatus. W. P. Wills. 2,352,143; June 20.
Control apparatus. H. S. Young. 2,348,584; May 9.
Control apparatus for cinematographic machines, etc. L. E. Whittaker. 2,341,889; Feb. 15.
Control apparatus for highway crossing signals. F. T. Fereday. 2,356,453; Aug. 22.
Control apparatus for railway signaling means. W. B. Wells. 2,361,516; Oct. 31.
Control apparatus for sheet feeding devices. D. Broide. 2,358,051; Sept. 12.
Control arrangement, Pressure cabin. D. D. Streid. 2,358,835; Sept. 26.
Control assembly. E. W. Batterson. 2,361,809; Oct. 31.
Control box for fire extinguisher systems. C. A. Gets and E. E. Kuhles. 2,356,989; Aug. 29.
Control circuit for electric valve apparatus. E. F. W. Alexanderson. 2,343,628; Mar. 7.
Control circuit for sound recording apparatuses. L. Thompson. 2,342,503; Feb. 22.
Control device. G. G. Brown and J. W. Haupt. 2,339,049; Jan. 11.
Control device. C. J. Conkle. 2,351,485; June 13.
Control device. L. L. Cunningham. 2,348,454; May 9.
Control device. E. J. Dillman. 2,344,767; Mar. 21.
Control device. W. A. Gigger. 2,348,805; May 16.
Control device. A. G. Hann. 2,356,928; Aug. 29.
Control device. R. M. Heintz and B. G. Carlson. 2,353,335; July 11.
Control device. C. G. Krommiller. 2,356,872; Aug. 15.
Control device. W. L. Ludwick. 2,354,529; July 25.
Control device. C. R. McCauley and O. W. Page. 2,340,070; Jan. 25.
Control device. J. G. Mejean. 2,360,572; Oct. 17.
Control device. M. K. Parkhurst and L. W. Burch 2,348,995; May 16.
Control device. W. A. Ray. 2,364,659; Dec. 12.
Control device. W. R. Reichenstein. 2,349,519; May 23.
Control device. J. M. Shoemaker. 2,359,392; Oct. 3.
Control device. J. H. Sulzer. 2,363,208; Nov. 21.
Control device. D. G. Taylor. 2,349,209; May 16.
Control device. G. W. Walther. 2,341,251; Feb. 8.
Control device. C. Wants. 2,342,316; Feb. 22.
Control device. R. A. Winborne. 2,354,933; Aug. 1.
Control device, Fire engine. A. Marmor. 2,361,305; Oct. 24.
Control device for cooking ranges. M. K. Parkhurst. 2,341,647; Feb. 15.
Control device for duplicating machines. O. E. Rosen. 2,364,873; Dec. 12.
Control device for feed tubes. M. E. Houk. 2,345,395; Mar. 28.
Control device for furnaces. M. Z. von Manteuffel. 2,356,135; Aug. 22.
Control device for liquid fuel burners. B. Hayter and S. Perry. 2,353,464; July 11.
Control device for manure spreaders and the like. T. Brown. 2,342,837; Feb. 29.
Control device for once-through vapor generators. F. Riedel. 2,356,533; Aug. 22.
Control device for photographic cameras. D. L. Babcock. 2,345,999; Apr. 4.
Control device for ringless yarn carrier attachments. H. E. Haehnel. 2,346,106; Apr. 4.
Control device for tabs and the like, Multiple. R. D. Johnson. 2,346,030; Apr. 4.
Control device for use on motor vehicles. H. C. Snow. 2,365,732; Dec. 26.
Control device for varying the speed of parachutes during the descent. G. Lisl. 2,342,287; Feb. 22.
Control device, Inertia operated. G. K. Newell. 2,363,611; Nov. 28.
Control device, Infrared. O. T. Francis. 2,352,377; June 27.
Control device, particularly thermostatic device. D. E. Gray. 2,361,193; Oct. 24.
Control device, Unwinding. E. W. Reynolds. 2,362,665; Nov. 14.
Control, Dual. C. J. Owens. 2,348,022; May 2.
Control equipment for prime mover electric generating plants. H. Bany. 2,363,850; Nov. 28.
Control for acoustical units, Sound-absorbing. H. E. Radabaugh and M. E. Raquet. 2,361,662; Oct. 31.

Control for aircraft. H. P. Henry. 2,364,441; Dec. 5.
Control for aircraft and the like. E. Fischel and G. Rieger. 2,340,524; Feb. 1.
Control for aircraft, etc., Automatic. J. S. Morrison. 2,351,694; June 20.
Control for brick machines, Plasticity. A. F. C. Lots and F. C. Mahone. 2,340,673; Feb. 1.
Control for chronometers, Date. F. E. Meyer. 2,360,305; Oct. 10.
Control for combustion apparatus. J. W. Miller. 2,348,143; May 2.
Control for electric motors. E. W. Seeger. 2,354,406; July 25.
Control for focal spots in X-ray generators. Z. J. Atlee and F. R. Abbott. 2,340,363; Feb. 1.
Control for fuel economizers. R. P. Skerritt. 2,362,940; Nov. 14.
Control for generating electric tractor systems, Automatic transition. T. O. Lilleulst. 2,365,418; Dec. 19.
Control for hauling scrapers. M. M. Brodersen. 2,361,914; Nov. 7.
Control for implements, Leveling. E. V. Briscoe. 2,365,387; Dec. 19.
Control for injectors or internal combustion engines, Electro-magnetic. O. Fuscaldo. 2,356,577; Aug. 22.
Control for internal combustion engines or the like. F. W. Truesdell. 2,358,363; Sept. 19.
Control for looms, Hand wheel. E. G. Turner. 2,359,695; Oct. 3.
Control for moving picture machines, Automatic safety. W. J. Bushmire, Jr. 2,340,792; Feb. 1.
Control for oil well pumping equipment. M. H. Halderson. 2,360,561; Oct. 17.
Control for photographic copying apparatus. A. E. Schubert, E. O. Wangerin, and J. F. Egan. 2,350,831; June 6.
Control for power actuated machines, Two-hand. E. Davis. 2,346,829; Apr. 18.
Control for prime movers, Governor. W. J. Whitehead. 2,364,115; Dec. 5.
Control for riveting devices. O. A. Peters. 2,364,750; Dec. 12.
Control for seismic recording, Sensitivity. E. Merten. 2,349,186; May 16.
Control for steering apparatus. H. U. McGill and G. C. Hilliard. 2,339,023; Jan. 11.
Control for stop clocks, Remote. E. J. Lassieur. 2,364,856; Dec. 12.
Control for television receivers, Automatic gain. W. E. Bradley. 2,355,701; Aug. 15.
Control for torpedoes, Automatic. H. S. Joachim. 2,362,827; Nov. 14.
Control for weft carriers. P. Des Roches. 2,342,182; Feb. 22.
Control, Governor. W. J. Whitehead. 2,364,116; Dec. 5.
Control handle. W. J. Turnbull. 2,360,818; Oct. 17.
Control head coupling. R. Shipley. 2,345,299; Mar. 28.
Control lever or wrench for gas meter inlet cocks. B. Herskovits. 2,350,354; June 6.
Control means. F. G. da Rosa and W. T. Bratton. 2,353,014; July 4.
Control means. W. S. Landon. 2,342,633; Feb. 29.
Control means. W. S. Landon. 2,365,826; Dec. 26.
Control means, Automatic. E. A. Jones. 2,361,632; Oct. 31.
Control means, Condition. C. G. Kronmiller. 2,345,981; Apr. 4.
Control means for aircraft wing flaps. C. Gliubich. 2,350,751; June 6.
Control means for automatic stokers. R. J. McFall. 2,352,215; June 27.
Control means for change-speed transmissions. G. T. Randol. 2,351,067; June 13.
Control means for dictation machines. H. K. Mann. 2,340,606; Feb. 1.
Control means for hydraulic motors. O. E. Rosen. 2,347,368; Apr. 25.
Control means for power-operated machinery. M. T. Knutsen. 2,353,246; July 11.
Control means for pusher elements of rolling mill skid beds. M. Langen. 2,362,208; Nov. 7.
Control means for roll feeds. C. V. St. Louis. 2,339,962; Jan. 25.
Control means for the impression rollers of duplicating machines. M. P. Neal. 2,349,634; May 23.
Control means for windshield cleaners. E. C. Horton and A. Rappl. 2,339,407; Jan. 18.
Control mechanism. C. A. Arens. 2,340,830; Feb. 1.
Control mechanism. C. A. Arens. 2,362,468; Nov. 14.
Control mechanism. G. D. Bower. 2,348,951; May 16.
Control mechanism. C. A. Brewer. Re. 22,451; Mar. 7.
Control mechanism. E. P. Bullard, III. 2,352,183–4; June 27.
Control mechanism. W. W. Criley. 2,357,779; Sept. 5.
Control mechanism. R. B. Foster. 2,345,928; Apr. 4.
Control mechanism. E. M. Long. 2,339,708; Jan. 18.
Control mechanism. P. F. Scofield and D. J. Conant. 2,348,656; May 9.
Control mechanism. W. S. Tandler, D. Walker, and W. Teller. 2,354,843; Aug. 1.
Control mechanism. D. F. Warner. 2,348,768; May 16.
Control mechanism for absorption refrigerating apparatus. N. Erland af Kleen. 2,340,887; Feb. 8.
Control mechanism for aircraft. K. Henke. 2,338,379; Jan. 4.
Control mechanism for airplanes. R. H. Upson. 2,340,237; Jan. 25.
Control mechanism for automatic phonographs. J. H. Pressley. 2,345,684; Apr. 4.
Control mechanism for burners. R. W. Johnson and W. A. Biermann. 2,343,188; Feb. 29.
Control mechanism for commercial laundry washing machines. S. M. Hovey. 2,355,162; Aug. 8.
Control mechanism for dampers. E. Anderson. 2,339,666; Jan. 18.
Control mechanism for gas burners. G. A. Guenther. 2,338,844; Jan. 11.
Control mechanism for internal-combustion engines, Throttle valve. A. A. Issigonis. 2,361,103; Oct. 24.
Control mechanism for machine tools. E. R. Smith. 2,359,255; Sept. 26.
Control mechanism for motorized typewriters, Automatic. A. H. Buckley. 2,346,819; Apr. 18.
Control mechanism for needle-eye polishing machines. M. O. Hoffmann. 2,339,603; Jan. 18.
Control mechanism for press brakes or similar machines. C. J. Bath. 2,362,343; Nov. 7.
Control mechanism for sound reproducing apparatus. W. C. Eddy. 2,352,778; July 4.
Control mechanism for transmissions. H. E. Carnagua. 2,360,646; Oct. 17.
Control mechanism, Play. J. D. Weaver. 2,361,892; Oct. 31.
Control mechanism, Preselection. W. P. Lear. 2,355,381; Aug. 8.
Control member. R. S. Dean. 2,349,577; May 23.
Control method and apparatus. J. J. Shively and H. R. Van Deventer. 2,347,514; Apr. 25.
Control of light. A. L. Mayer and H. R. Kossman. 2,346,983; Apr. 18.
Control of refrigeration apparatus. W. L. McGrath. 2,364,459; Dec. 5.
Control of variable physical conditions, Automatic. H. W. Ibbott. 2,364,718; Dec. 12.
Control panel and the like. H. H. Barnard. 2,344,197; Mar. 14.
Control switch assembly. A. Hollins and J. Hollins. 2,361,204; Oct. 24.
Control system. G. R. Anderson. 2,349,329; May 23.
Control system. R. C. Bergvall. 2,347,026; Apr. 18.
Control system. W. D. Cockrell. 2,356,567; Aug. 22.
Control system. W. G. Cook. 2,342,790; Feb. 29.
Control system. W. G. Cook. 2,354,105; July 18.
Control system. J. W. Cooke. 2,350,150; May 30.
Control system. L. L. Cunningham and H. E. Malone. 2,348,206; May 9.
Control system. L. L. Cunningham. 2,353,692; July 18.
Control system. J. Eaton. 2,343,648; Mar. 7.
Control system. J. N. Good. 2,366,026; Dec. 26.
Control system. H. H. Gorrie. 2,356,530; Aug. 22.
Control system. C. I. Hall. 2,339,635; Jan. 18.
Control system. R. M. Heintz. 2,350,680; June 6.
Control system. L. J. Hibbard. 2,361,199–200; Oct. 24.
Control system. H. S. Jones. 2,345,399; Mar. 28.
Control system. H. S. Jones. 2,361,294; Oct. 24.
Control system. M. F. Jones and W. M. Hutchison. 2,361,210; Oct. 24.
Control system. H. C. Krapf. 2,359,123; Sept. 26.
Control system. A. E. Krogh. 2,354,997; Aug. 1.
Control system. A. E. Krogh. 2,359,651; Oct. 3.
Control system. E. D. Lilja and A. S. Norcross. 2,358,338; Sept. 19.
Control system. R. R. Longwell and T. C. Wetherby. 2,344,828; Mar. 21.
Control system. R. R. Longwell. 2,356,070; Aug. 15.
Control system. W. L. McGrath. 2,340,004; Jan. 25.
Control system. W. L. McGrath. 2,350,408; June 6.
Control system. W. Michel. 2,339,939; Jan. 25.
Control system. M. Michel. 2,365,896; Dec. 26.
Control system. T. B. Montgomery. 2,363,684; Nov. 28.
Control system. G. R. Purifoy. 2,342,754; Feb. 29.
Control system. G. R. Purifoy. 2,345,149; Mar. 28.
Control system. W. A. Ray. 2,348,497; May 9.
Control system. W. A. Ray. 2,357,609; Sept. 5.
Control system. M. E. Reagan. 2,340,079; Jan. 25.
Control system. M. E. Reagan. 2,354,143; July 18.
Control system. P. S. Russel. 2,363,696; Nov. 28.
Control system. J. O'D. Shepherd. 2,355,607; Aug. 15.
Control system. B. B. Smith and E. E. Hilker. 2,345,360; Mar. 28.
Control system. B. B. Smith and E. E. Hilker. 2,345,361–2; Mar. 28.
Control system. G. B. Starle and A. W. Schmitz. 2,364,486; Dec. 5.
Control system. G. E. Stoltz. 2,342,767; Feb. 29.
Control system. G. W. Upp. 2,345,224; Mar. 28.
Control system. G. A. Waldie. 2,363,780; Nov. 28.
Control system, T. C. Wetherby. 2,356,113–4; Aug. 15.
Control system. C. C. Whittaker. 2,340,094; Jan. 25.
Control system. W. W. Woodward. 2,348,670; May 9.
Control system and apparatus. A. A. Collins. Re. 22,574; Dec. 5.
Control system, Fluid pressure. S. Schnell. 2,347,847; May 2.
Control system for aircraft, Lateral. R. A. Bailey. 2,352,308; June 27.

Control system for excavators. F. L. White. 2,355,252; Aug.
Control system for fillers. R. B. McKinnis. 2,357,913; Aug. 29.
Control system for motor vehicles. C. A. Brewer. 2,346,353–5; Apr. 11.
Control system for motor vehicles. C. A. Brewer. 2,346,333–4; Apr. 11.
Control system for motor vehicles. J. A. Kennedy. 2,352,104; June 20.
Control system for ovens. L. W. Burch. 2,361,530; Oct. 31.
Control system for paper machines. W. H. Formhals. 2,338,903; Jan. 4.
Control system for paper making apparatus. R. R. Baker. 2,351,902; June 20.
Control system for postage printing machines. C. D. Ryan and E. P. Drake. 2,352,802; July 4.
Control system for record playing or like devices. B. W. Briggs. 2,348,953; May 16.
Control system for resistance welding. G. Hagedorn. 2,344,353; Mar. 14.
Control system for sound films. J. G. Frayne. 2,342,395; Feb. 22.
Control system for station selection, Remote. F. W. Frink. 2,364,285; Dec. 5.
Control system for straight working machines, Fault-responsive. J. Z. Linsenmeyer and L. C. Poole. 2,352,947; July 4.
Control system, Gain. H. W. Nylund. 2,345,066; Mar. 28.
Control system, Liquid level. C. D. Ryan. 2,360,894; Oct. 24.
Control system, Moisture. A. E. Krogh. 2,346,437; Apr. 11.
Control system, Motor. W. R. Harding and S. H. Hanville, Jr. 2,363,321; Nov. 21.
Control system, Prime mover. R. G. Janes. 2,365,412; Dec. 19.
Control system, Remote. H. B. Deal. 2,340,798; Feb. 1.
Control system, Remote. F. C. Griese. 2,364,068; Dec. 5.
Control system, Remote visual. E. N. Gott. 2,359,032; Sept. 26.
Control system, Supervisory. M. E. Reagan. 2,349,636; May 23.
Control system, Timing. C. J. Collom. 2,347,935; May 2.
Control to avoid hunting, Series-capacitor. R. D. Evans. 2,345,923; Apr. 4.
Control unit for compressor systems. F. Brandstrom. 2,343,952; Mar. 14.
Control unit for motion picture machines, Remote. A. H. Bouterious. 2,365,859; Dec. 26.
Control unit, Hand. C. Brongersma. 2,348,107; May 2.
Control valve. H. R. Ellinwood. 2,363,235; Nov. 21.
Control valve. E. M. Morehouse. 2,354,960; Aug. 1.
Control valve device. R. R. Stevens. 2,355,758; Aug. 15.
Control valve for brakes. W. C. Oliver, 2nd. 2,352,001; June 20.
Control valve for electric presses. J. M. Towler. 2,362,364; Nov. 14.
Controllable pitch propeller. C. Unterberg. 2,353,773; July 18.
Controlled cycle relief valve. A. D. Krugler. 2,356,410; Aug. 22.
Controlled degenerative feedback circuits. B. W. van Ingen Schenau. 2,340,443; Feb. 1.
Controller. G. A. Philbrick. 2,360,889; Oct. 24.
Controller for electric motors. R. B. Hunter and J. E. Jones. 2,359,478; Oct. 3.
Controller for electric motors. G. R. Radley and E. W. Seeger. 2,355,557; Aug. 8.
Controller for machines. E. Vossen. 2,357,713; Sept. 5.
Controller for variable speed drives. G. C. Brown. 2,339,976; Jan. 25.
Controlling apparatus. M. E. Gates. 2,345,931; Apr. 4.
Controlling device. R. O. Allen. 2,338,157; Jan. 4.
Controlling device for drying apparatus. G. G. Crewson. 2,347,936; May 2.
Controlling feathering members. D. B. Dewey. 2,354,948; Aug. 1.
Controlling high frequency voltages in magnetic recorder heads. M. Camras. 2,351,010; June 13.
Controlling illuminating devices, System and apparatus for. A. A. Flick, Jr., and M. B. Grout. 2,361,017; Oct. 24.
Controlling instrument. J. R. Waidelich. 2,347,344; Apr. 25.
Controlling means. W. S. Landon. 2,344,946; Mar. 28.
Controlling means. P. S. Russel. 2,351,878; June 20.
Controlling means. J. L. Steughton and W. S. Landon. 2,364,501; Dec. 5.
Controlling mechanism. S. Vorech. 2,351,307; June 13.
Controlling mechanism for accounting machines. A. F. Pott. 2,361,707; Oct. 31.
Controlling mechanism for agricultural implements. T. Brown. 2,363,292; Nov. 21.
Controlling mechanism, Step-by-step. G. Barrett. 2,357,163; Aug. 29.
Conversion process for fertilizer materials. W. C. Graham. 2,364,524; Dec. 5.
Controlling structure, Oil cooler. H. L. Chisholm, Jr. 2,353,446; July 11.
Controlling system. L. B. Haddad. 2,344,608; Mar. 21.
Controlling system, Centralized traffic. R. A. McCann and L. V. Lewis. 2,343,784; Mar. 7.
Controlling system operated by fluid pressure. J. K. Simpson. 2,361,130; Oct. 24.
Controlling the tension of strands. S. L. Gerhard. 2,354,913; Aug. 1.
Controls for airplanes, Unit construction of. J. Martin. 2,359,233; Sept. 26.
Convection heater. M. J. Whelan. 2,359,454; Oct. 3.
Convection section. F. H. Praeger. 2,347,433; Apr. 25.
Conversion of hydrocarbons. J. D. Danforth. 2,342,922; Feb. 29.
Conversion reactions, Conducting. G. Egloff. 2,358,497; Sept. 19.
Conversion system, Catalytic hydrocarbon. F. W. Scheineman. 2,341,193; Feb. 8.
Converter construction and control. H. O. Schjolin. 2,341,163; Feb. 8.
Converter, Neutron image. H. I. Kallmann and E. Kuhn. 2,344,042; Mar. 14.
Converter, Torque. R. J. Miller. 2,342,208; Feb. 22.
Convertible coal and oil burner. C. Siebring. 2,349,117; May 16.
Convertible demodulator circuit. W. D. Houghton. 2,351,212. June 13.
Convertible infant carrier. E. T. Allen. 2,359,599; Oct. 3.
Convertible reclining chair. E. T. Paul. 2,343,923; Mar 14.
Convertible vehicle. P. W. Sloan. 2,341,683; Feb. 15.
Converting the magnesium carbonate content of dolomite to magnesium oxide. C. R. Rex. 2,359,792; Oct. 10.
Conveyance, Builder's material. W. E. Roberts. 2,361,654; Oct. 31.
Conveyer. W. F. Butler. 2,359,745; Oct. 10.
Conveyer. N. L. Davis. 2,342,040; Feb. 15.
Conveyer. G. A. Kohout. 2,340,190; Jan. 25.
Conveyer. C. I. Lattig. 2,351,771; June 20.
Conveyer. C. I. Lattig. 2,351,862; June 20.
Conveyer. A. W. Lemmon. 2,339,491; Jan. 18.
Conveyer. A. W. Lemmon. 2,340,243; Oct. 10.
Conveyer. C. J. Malhiot. 2,358,292; Sept. 12.
Conveyer. J. Melzer. 2,342,680; Feb. 29.
Conveyer. R. E. J. Nordquist. 2,356,100; Aug. 8.
Conveyer. S. Olson. 2,338,962; Jan. 11.
Conveyer. W. W. Pabst. 2,357,600; Sept. 5.
Conveyer. J. H. Sharp. 2,338,359; Jan. 4.
Conveyer. L. La V. Thompson. 2,348,664; May 9.
Conveyer. B. Woldring and J. R. Sebastian. 2,347,308; Apr. 25.
Conveyer and elevator, Box stack. J. W. Stevenson. 2,365,782; Dec. 26.
Conveyer and loader, Portable. F. F. Blank. 2,343,133; Feb. 29.
Conveyer apparatus. M. A. Kendall and C. C. Moore. 2,358,289; Sept. 12.
Conveyer apparatus. P. S. McCann and A. N. Todoroff. 2,362,079; Nov. 7.
Conveyer apparatus. C. Scholl. 2,364,166; Dec. 5.
Conveyer apparatus. R. J. Stewart. 2,365,304; Dec. 19.
Conveyer, Automatic. N. L. Davis. 2,342,038; Feb. 15.
Conveyer chain. F. L. Klaiber and H. C. Clark. 2,360,057; Oct. 10.
Conveyer construction. L. E. Smith. 2,361,131; Oct. 24.
Conveyer, Continuous. D. Ray. 2,338,258; Jan. 4.
Conveyer control apparatus. L. O. Reichelt and G. C. Spillman. 2,341,386; Feb. 8.
Conveyer, Drinking glass washer. A. W. Arnold. 2,339,532; Jan. 25.
Conveyer drive. M. P. Neal. 2,345,355; Mar. 28.
Conveyer drive for loading machines. J. L. Clarkson. 2,340,509; Feb. 1.
Conveyer, Feeding. H. M. Jampol. 2,342,471; Feb. 22.
Conveyer for branding machines. J. Pearson. 2,364,163; Dec. 5.
Conveyer for combustion apparatus. C. Scholl. 2,355,244; Aug. 8.
Conveyer, Magnetic sheet. H. B. Cummings and G. R. Carroll. 2,340,797; Feb. 1.
Conveyer mechanism. K. C. S. Aasted. 2,359,070; Sept. 26.
Conveyer mechanism. A. G. Rose. 2,346,610; Apr. 11.
Conveyer mechanism. F. J. Wright. 2,347,346; Apr. 25.
Conveyer mechanism. R. W. Young and F. B. Fay. 2,363,920; Nov. 28.
Conveyer mounting and feed unit. S. Marvin. 2,360,069; Oct. 10.
Conveyer, Pivoted flight. A. A. Wegner. 2,340,783; Feb. 1.
Conveyer, Portable. J. J. Flanagan. 2,355,213; Aug. 8.
Conveyer, Portable. J. Salvador. 2,341,162; Feb. 8.
Conveyer propelling device. H. W. Hapman. 2,357,651; Sept. 5.
Conveyer, Shaker. E. R. Bergmann. 2,341,074; Feb. 8.
Conveyer, Shaker. E. R. Bergmann. 2,347,074; Apr. 18.
Conveyer, Shaker. H. Linkowski. 2,355,452; Aug. 8.
Conveyer system. E. J. Beaulieu and L. E. Bennett. 2,346,285; Apr. 11.
Conveyer system. E. J. Beaulieu, L. E. Bennett, and P. S. McCann. 2,353,638; July 18.
Conveyer system. M. R. Chandler and P. S. McCann. 2,357,875; Sept. 12.
Conveyer system. H. E. Kleintop. 2,352,840; July 4.

Conveyer system. W. J. Taylor. 2,341,342; Feb. 8.
Conveying and elevating machine. H. M. Gilbert and W. H., H. S., and J. W. Tunningley. 2,354,990; Aug. 1.
Conveying and transfer mechanism. W. I. Gladfelter and W. H. Moore. 2,342,189; Feb. 22.
Conveying apparatus. P. H. Hornbrook. 2,347,105; Apr. 18.
Conveying apparatus. H. S. and W. H. Johns. 2,365,762; Dec. 26.
Conveying apparatus. W. A. Joplin. 2,347,828; May 2.
Conveying apparatus. F. Leopold. 2,360,836; Oct. 24.
Conveying apparatus. H. C. Matlock. 2,351,990; June 20.
Conveying apparatus. R. A. McMullin. 2,354,325; July 25.
Conveying apparatus. A. D. Sinden. Re. 22,437; Feb. 15.
Conveying apparatus. F. O. Trump. 2,352,983; July 4.
Conveying mechanism. J. B. Brock. 2,354,939; Aug. 1.
Conveying mechanism. V. G. Ellen. 2,349,578; May 23.
Conveying mechanism. J. E. McBride. 2,361,222; Oct. 24.
Conveying mechanism. J. H. Rice. 2,362,305; Nov. 7.
Conveying mechanism for foundry plants. E. H. Whittaker. 2,340,916; Feb. 8.
Conveying structure, Balanced reciprocating. G. A. Overstrom. 2,358,576; Sept. 26.
Conveyor system. E. W. Stephens. 2,362,677; Nov. 14.
Cooker. J. S. Baker. 2,353,805; July 18.
Cooker and dehydrator. J. O. Reed. 2,361,151; Oct. 24.
Cooker, Pressure. L. C. Crites. 2,357,634; Sept. 5.
Cooking apparatus. R. O. Stevenson. 2,350,941; June 6.
Cooking appliance. A. Palensky. 2,362,921; Nov. 14.
Cooking carton, Meat. C. A. Pemberton. 2,354,401; July 25.
Cooking device. G. A. Sivley. 2,362,415; Nov. 7.
Cooking device. H. C. Wright and I. Jepson. 2,347,385; Apr. 25.
Cooking food. H. T. Austin. 2,339,974; Jan. 25.
Cooking rack. H. D. Wall. 2,360,026; Oct. 10.
Cooking unit. W. Rehm. 2,342,692; Feb. 29.
Cooking vessels, Copper plating stainless steel. J. M. Kennedy, A. P. Knight, and H. J. Lee. 2,363,973; Nov. 28.
Cooled shaft bearing. D. Firth. 2,344,240; Mar. 14.
Cooler: *See*—
Axle and bearing cooler. Milk cooler.
Beverage cooler. Oil cooler.
Car cooler. Water cooler.
Cooler. H. C. Fyock. 2,355,793; Aug. 15.
Cooler and purifier, Air. J. N. Fulcher. 2,356,235; Aug. 22.
Cooler for beer barrels and the like, Ice. P. J. Foley. 2,358,450; Sept. 19.
Cooling and dehumidifying system, Combined. R. S. Taylor. 2,355,828; Aug. 15.
Cooling and humidifying air, System for. N. A. Pennington. 2,342,689; Feb. 29.
Cooling and lubricating mandrel bars. H. Ottinger. 2,343,022; Feb. 29.
Cooling and ventilating system for airplanes. J. B. Lennes. 2,352,793; July 4.
Cooling apparatus. J. H. Morrow. 2,348,559–60; May 9.
Cooling apparatus. M. P. Winther. 2,345,850; Apr. 4.
Cooling apparatus, Liquid. A. A. Ralston. 2,359,791; Oct. 10.
Cooling device for turbine rotors. A. Büchi. 2,364,189; Dec. 5.
Cooling electrical apparatus. E. Venable. 2,354,159; July 18.
Cooling inserts. H. Camines. 2,360,047; Oct. 10.
Cooling locomotive boilers. H. Niksch. 2,363,432; Nov. 21.
Cooling mandrel bars. H. Ottinger. 2,342,023; Feb. 29.
Cooling means for engine pistons. W. H. Purdie. 2,354,057; July 18.
Cooling means for rolls handling hot-rolled metal strip. A. E. E. De Witz. 2,348,528; May 9.
Cooling of closed bodies. E. E. Hans. 2,346,576; Apr. 11.
Cooling of vacuum devices. C. W. Hansell. 2,352,893; July 4.
Cooling system. F. C. Biancha. 2,362,044; Nov. 7.
Cooling system. E. T. Todd. 2,341,165; Feb. 8.
Cooling system for aircraft. A. Silverstein and F. R. Nickle. 2,365,223; Dec. 19.
Cooling system for airplanes and aerostats. P. E. Mercier. 2,346,178; Apr. 11.
Cooling system for internal combustion engines. J. E. Justus. 2,341,789; Feb. 15.
Cooling system for photoprinting mechanisms. J. H. Hruby. 2,351,339; June 13.
Cooling unit. B. S. Williams. 2,340,164; Jan. 25.
Cooling unit, Evaporative. R. D. Thornton. 2,343,820; Mar. 7.
Copolymer compositions. W. J. Sparks and R. M. Thomas. 2,363,703; Nov. 28.
Copolymerization product of vinyl chloride and vinyl fluoride. C. A. Thomas. 2,362,960; Nov. 14.
Copolymers of divinyl benzene polymers and unsaturated alkyd resins. G. F. D'Alelio. 2,340,109; Jan. 25.
Copolymers of vinyl halides. W. Scott and R. B. Seymour. 2,361,504; Oct. 31.
Copolymers of vinylethinyl carbinols with alpha-methylene monocarboxylic acid esters. D. D. Coffman and C. E. Denoon, Jr. 2,358,444; Sept. 19.
Copper, Anodically polishing. C. L. Faust. 2,347,039; Apr. 18.
Copper-base alloy. D. K. Crampton and H. I. Burghoff. 2,338,756; Jan. 11.
Copper chromium metal composition, Making sintered. F. R. Hensel and E. I. Larsen. 2,362,007; Nov. 7.
Copper from hydrocarbon oils, Removal of. R. J. Myers. 2,341,329; Feb. 8.
Copper from other metals, Separation of. J. O. Hay. 2,352,096; June 20.
Copper from printing plates and the like, Separation and reclamation of. A. E. Lundbye. 2,356,329; Aug. 22.
Copper from zinc, Separation of. J. O. Hay. 2,362,202; Nov. 7.
Copper-lead drosses and the like, Smelting. E. P. Fleming and D. H. McIntosh. 2,343,761; Mar. 7.
Copper or copper alloy surfaces, Blackening. W. R. Meyer. 2,364,993; Dec. 12.
Copper ores, Treating. A. Amenabar. 2,357,990; Sept. 12.
Copper plating, Bright. C. J. Wernlund. 2,347,448; Apr. 25.
Copper plating of mirrors. W. Owen. 2,347,608; Apr. 25.
Copper-zinc-manganese alloy. C. M. Moss. 2,347,706; May 2.
Coppers, Preparing soldering. L. N. Hampton. 2,356,583; Aug. 22.
Copy holder. F. Black. 2,347,730; May 2.
Copyholder. D. E. Lister. 2,340,969; Feb. 8.
Copyholder. R. J. Miller. 2,350,365; June 6.
Copy holding appliance and copies for use in engraving machines. W. R. Butler-Jones. 2,344,849; Mar. 21.
Copying apparatus. L. Flemming. 2,354,108; July 18.
Copying camera unit. E. S. Hineline. 2,353,894; July 18.
Copying materials, Transfer. J. Groak. 2,348,128; May 2.
Copying process. G. W. Jorgensen. 2,359,040; Sept. 26.
Copying sound events taken in amplitude records. G. Pries. 2,342,464; Feb. 22.
Cord, Adjustable. A. Brilhart. 2,356,209; Aug. 22.
Cord and method and apparatus for making same. R. F. Nickerson. 2,364,467; Dec. 5.
Cord assembling apparatus. D. O. Hannan and S. M. Martin. 2,341,613; Feb. 15.
Cord, Identification tag. C. B. Gudebrod. 2,359,988; Oct. 10.
Cord lock device for Venetian blinds. E. E. Schaefer. 2,357,911; Sept. 12.
Cord or padding material. W. E. Sackner. 2,339,950; Jan. 25.
Cord, Tufted. J. M. Pettorossi. 2,339,747; Jan. 18.
Cords, Making retractile. T. K. Cox. 2,339,683; Jan. 18.
Core bars in horizontal pipe casting apparatus, Positioning. J. E. Goates. 2,362,899; Nov. 14.
Core breaking and withdrawing apparatus. W. W. Paget. 2,343,793; Mar. 7.
Core cap. S. N. Daley. 2,364,953; Dec. 12.
Core, Covered. C. N. Stover. 2,364,561; Dec. 5.
Core covering apparatus. A. C. Nystrom. 2,343,994; Mar. 14.
Core drilling. H. C. Miller, W. B. Berwald, and D. B. Taliaferro, Jr. 2,364,088; Dec. 5.
Core for golf balls or the like and making. C. W. Greene and R. A. Habermaier. 2,363,059; Nov. 21.
Core for manufacture of fuel tanks. W. M. Gardner. 2,343,005; Feb. 29.
Coremaking machine. C. H. Shaffer. 2,350,253; May 30.
Core material and core, High frequency. C. C. Neighbors. 2,365,720; Dec. 26.
Core winding machine. T. L. Winestock. 2,344,337; Mar. 14.
Cores and molds, Drying. D. J. Campbell. 2,351,482; June 13.
Cores for projectiles. R. J. Southwell and E. A. Conner. 2,346,462; Apr. 11.
Coring apparatus. G. H. Fisher. 2,345,739; Apr. 4.
Coring device, Side hole. W. B. Noble. 2,354,399; July 25.
Coring machine. W. F. Serr. 2,359,881; Oct. 10.
Cork. G. A. Kimber. 2,353,674; July 18.
Cork composition. C. H. Schuh. 2,345,431; Mar. 28.
Cork compositions. P. R. Austin. 2,365,508; Dec. 19.
Cork insulation, Making. R. P. Champney. 2,339,458; Jan. 18.
Cork product and making the same. C. H. Schuh. 2,350,422; June 6.
Corn cutter. R. G. Cabell, III. 2,341,206; Feb. 8.
Corn, Degermination of. E. C. Pattee. 2,347,215; Apr. 25.
Corn grading apparatus. H. L. Johnson, 2,354,377; July 25.
Corn harvester. F. T. Court. 2,351,807; June 20.
Corn harvester. R. B. Hitchcock. 2,360,131; Oct. 10.
Corn harvester. B. M. Hyman and R. C. Ferguson. 2,346,306; Apr. 11.
Corn harvester. E. Karlsson. 2,349,869; May 30.
Corn, Method of and machine for husking. R. Cover and G. Osburn. 2,358,961; Sept. 26.

Corn picker. B. M. Hyman and E. M. Melin. 2,344,305; Mar. 14.
Corn picker. B. M. Hyman and J. L. Aasland. 2,351,515; June 13.
Corn planter. E. D. Frazier. 2,338,632; Jan. 4.
Corn, Processing. S. Musher. 2,355,098; Aug. 8.
Corn sheller. C. F. Crumb and E. F. Schneider. 2,344,225; Mar. 14.
Corn sizing apparatus. H. L. Johnson. 2,354,376; July 25.
Corner construction for bed springs. A. Rouleau. 2,353,738; July 18.
Corner fastener for metal frames. W. C. Geisler. 2,342,537; Feb. 22.
Corner moulding for trailer bodies and the like. C. J. Wagner. 2,346,630; Apr. 11.
Cornice. W. J. Purcell and G. R. Murdock. 2,342,893; Feb. 29.
Cornice and cover for containers. A. Howle. 2,360,232; Oct. 10.
Correction machine, Unbalance. W. B. Eddison. 2,359,470; Oct. 3.
Corrective means for the human foot. E. S. Lederman. 2,366,116; Dec. 26.
Corrective time controlled system. F. Q. Rast. 2,346,273; Apr. 11.
Corrosion inhibiter. A. C. Pabst and J. H. Prall. 2,346,635; Apr. 11.
Corrosion inhibitions. H. C. Duus. 2,346,295; Apr. 11.
Corrosion inhibition coating composition. A. Wachter. 2,357,275; Aug. 29.
Corrosion inhibiting coating composition. A. Wachter. 2,357,276; Aug. 29.
Corrosion preventing agent. F. Gilloy. 2,344,404; Mar. 14.
Corrosion preventing device. E. J. Lattner. 2,358,981; Sept. 26.
Corrosion preventive composition. J. C. Zimmer and E. W. Carlson. 2,362,332; Nov. 7.
Corrosion protective composition. E. J. Jahn. 2,349,044; May 16.
Corrosion resistant composition. J. I. Wasson and C. J. Wilson. 2,366,074; Dec. 26.
Corrosion testing element. S. K. Talley and L. D. Grenot. 2,351,644; June 20.
Corrugated tubes, Making. W. G. Harding. 2,347,101; Apr. 18.
Corset and the like. G. E. Hawes. 2,366,026; Dec. 26.
Corset or foundation garment. J. K. Kispert. 2,340,245; Jan. 25.
Corticosterone, Synthesis of. E. S. Wallis and N. Nath Chakravorty. 2,341,250; Feb. 8.
Cosmetic case. J. de Swart. 2,362,120; Nov. 7.
Cosmetic holder. A. Gelardin. 2,347,774; May 2.
Cosmetic holder. H. S. Ray. 2,344,060; Mar. 14.
Cosmetic or like holder. H. M. Kirk-Schneider. 2,360,350; Oct. 17.
Cosmetic or pharmaceutical product. W. B. Humes. 2,361,417; Oct. 31.
Cosmetic stick expellant holder. J. W. Anderson. 2,345,315; Mar. 28.
Cosmetic stick holder. C. Picinich. 2,340,556; Feb. 1.
Costumer, Collapsible. M. Lange. 2,340,540; Feb. 1.
Cot, Emergency auto stretcher. V. A. Van Der Hyde. 2,349,023; May 16.
Cot, Finger. G. B. Wong. 2,363,216; Nov. 21.
Cot, Firstaid. W. Nicholas. 2,361,789; Oct. 31.
Cot, Portable. E. Sullivan and G. S. Baker. 2,360,453; Oct. 17.
Cot, Surgery. G. S. Baker and E. Sullivan. 2,347,389; Apr. 25.
Cotter pin connection for nuts and bolts. N. J. Weiser. 2,360,676; Oct. 17.
Cotton and like fabrics, Flocking of. G. S. Hiers. 2,351,245; June 13.
Cotton cleaner. J. D. Rust. 2,339,295; Jan. 18.
Cotton comber. F. L. Crockett. 2,353,812; July 18.
Cotton harvester. A. W. Scarratt, D. Baker, and C. R. Hagen. 2,352,291; June 27.
Cotton-working machine. C. M. Asbill, Jr., and R. C. Young. 2,365,793; Dec. 26.
Couch and bed, Combination. E. Mount. 2,356,077; Aug. 15.
Couch, Studio. W. W. Wilson. 2,357,441; Sept. 5.
Coumarin-3-carboxylic acid, Preparation of. L. F. Berhenke, E. Monroe, and E. C. Britton. 2,338,569; Jan. 4.
Counter. J. Adell. 2,360,927; Oct. 24.
Counter. H. B. Vroom. 2,358,780; Sept. 26.
Counter assembly for wire products machines. G. K. Gaumer. 2,352,622; July 4.
Counterbalance. A. Hicks. 2,364,901; Dec. 12.
Counterbalance for booms and the like, Compensating. C. J. Hiern. 2,365,821; Dec. 26.
Counterbalance for well pumps, Pneumatic. L. Grumbaugh. 2,341,864; Feb. 15.
Counterbalance, Supplemental. L. L. Schauer. 2,364,318; Dec. 5.
Counterbalanced overhead door. A. S. D'Autremont. 2,347,770; May 2.
Counterbalancing device, Multiple frequency-variable phase. C. M. Perkins and K. D. Kysor. 2,342,216; Feb. 22.
Counterbalancing means for automobile wheels. C. F. Rubeam. 2,359,248; Sept. 26.
Counterbalancing means for expansion roofs. T. O. Larsen. 2,360,692; Oct. 17.
Counter, Blank. E. G. Staude. 2,364,324; Dec. 5.
Counter bore and spot-facer tool. E. A. Zempel. 2,355,582; Aug. 8.
Counter circuit. E. D. Cook. 2,349,810; May 30.
Countercircuit. P. C. Michel. 2,348,016; May 2.
Counter control, Predeterminined. F. A. Poole. 2,346,869; Apr. 18.
Counter fixture. J. P. Smith. 2,348,577; May 9.
Counter for rifle targets. O. Schweitzer. 2,342,016; Feb. 15.
Counter, Pick. H. L. Spaunburg. 2,340,025; Jan. 25.
Counter resetting mechanism. J. C. Woodford. 2,356,294; Aug. 22.
Countersink or the like, Adjustable. F. Hotchner. 2,354,461; July 25.
Countersinker or the like for nuts. M. K. Prokul. 2,356,087; Aug. 15.
Countersinking attachment for milling machines, Automatic flat-bottom. P. Shelby. 2,358,741; Sept. 19.
Countersinking drill. H. I. Foster. 2,362,260; Nov. 7.
Countersinking tool. F. G. Jarvis. 2,350,859; Oct. 10.
Counter unit mechanism. H. N. Bliss. 2,342,325; Feb. 22.
Counterweighted spudding gear. H. W. Thornburg. 2,347,224; Apr. 25.
Counting and marking machine. L. L. Matthews. 2,365,645; Dec. 19.
Counting device. M. A. Du Lude. 2,357,940; Sept. 12.
Counting mechanism. F. C. Biancha. 2,356,914; Aug. 29.
Counting system. R. W. Pearson and S. J. Murcek. 2,342,753; Feb. 29.
Coupler. J. T. Atwood. 2,355,695; Aug. 15.
Coupler. J. H. Billings. 2,355,042; Aug. 8.
Coupler. T. A. Campbell. 2,362,880; Nov. 14.
Coupler. M. E. Dayton. 2,347,033; Apr. 18.
Coupler centering and pipe control device. J. P. Golden and G. A. Meyer. 2,348,466; May 9.
Coupler for color photography, Nondiffusing sulphonamide. A. Weissberger. 2,338,677; Jan. 4.
Coupler for color photography, Pyrazolone. H. D. Porter and A. Weissberger. 2,343,703; Mar. 7.
Coupler, Heterocyclic substituted imino-pyrazolone. H. D. Porter, P. W. Vittum, and A. Weissberger. 2,343,704; Mar. 7.
Coupler, No slack chain. W. L. Moore. 2,354,956; Aug. 1.
Couplers, Acylimino pyrazolone. H. D. Porter and J. Weissberger. 2,343,702; Mar. 7.
Couplers, Carboxylic acid amide. I. F. Salminen and A. Weissberger. 2,359,332; Oct. 3.
Couplers, Preventing crystallization of. W. D. Peterson. 2,353,262; July 11.
Couplers, Pyrimidine. C. F. H. Allen and J. A. Van Allan. 2,355,691; Aug. 15.
Coupling: *See*—
Adjustable bulkhead coupling.
Centrifugal coupling.
Composite coupling.
Compression coupling.
Control head coupling.
Coaxial coupling.
Detachable coupling.
Detachable hose coupling.
Electric coupling.
Electromagnetic coupling.
Extensible pintle hook trailer coupling.
Flexible coupling.
Flexible hose coupling.
Flexible rotary drive coupling.
Flexible pipe coupling.
Flexible tube coupling.
Fluid coupling.
Glider coupling.
Hose coupling.
Hydraulic coupling.
Hydraulic tube coupling.
Impulse coupling.
Mine car coupling.
Multiple disk shaft coupling.
Pipe coupling.
Pipe joint or coupling.
Quick disconnect coupling.
Removable sanitary pipe coupling.
Resilient shaft coupling.
Rotating coupling.
Saddle coupling.
Safety roller coupling.
Shaft coupling.
Shutoff coupling.
Single bar shaft coupling.
Surge brake trailer coupling.
Synchronizer coupling.
Swivel coupling.
Threaded coupling.
Tube coupling.
Yieldable coupling.
Coupling. F. A. De Lano. 2,362,686; Nov. 14.
Coupling. B. H. Foster and H. E. Sunbury. 2,360,485; Oct. 17.
Coupling. A. G. Herreshoff and W. Lamb. 2,359,555; Oct. 3.
Coupling. J. P. Johnson. 2,356,322; Aug. 22.
Coupling. F. A. McMurry. 2,358,408; Sept. 19.
Coupling. P. S. Morgan. 2,351,996; June 20.
Coupling. G. V. Pickwell. 2,343,079; Feb. 29.
Coupling and locking unit, Flange. W. H. Kuster and E. A. Glynn. 2,353,572; July 11.
Coupling circuit, H. M. Evjen and W. B. Lewis. 2,342,628-9; Feb. 29.
Coupling circuit, High frequency. H. R. Summerhayes, Jr. 2,341,346; Feb. 8.
Coupling combined with clutch, Fluid impact. H. Nutt and H. L. Smirl. 2,360,710; Oct. 17.
Coupling device. F. N. Jacob. 2,346,584, Apr. 11.
Coupling device. J. W. Hale. 2,342,540; Feb. 22.
Coupling device. E. Minero. 2,355,922; Aug. 15.
Coupling device. I. H. Palmer. 2,357,540; Sept. 5.
Coupling device. E. H. Shaff. 2,344,739; Mar. 21.

Coupling device for adjustable coupling systems. A. Crossley. 2,354,365; July 25.
Coupling device with rubber balls, Elastic. M. Dornig. 2,355,572; Aug. 22.
Coupling, flexible mounting, and the like, Flexible. M. Goldschmidt. 2,363,469; Nov. 21.
Coupling for electric cables. H. C. Hoban. 2,357,719; Sept. 5.
Coupling for fastener stringers, Two-way separable. D. Marinsky. 2,358,179; Sept. 12.
Coupling for lined pipe. H. N. Keener. 2,340,537; Feb. 1.
Coupling for plural conduits, Unitary. N. M. Jones. 2,359,648; Oct. 3.
Coupling for splicing cables. R. S. Wade and H. J. Jones. 2,356,014; Aug. 14.
Coupling for transmission lines, Wide band. D. E. Norgaard. 2,354,537; July 25.
Coupling for tubes. A. L. Parker. 2,351,362; June 13.
Coupling for tubes. A. L. Parker, J. N. Wolfram, and W. Margrave. 2,351,363; June 13.
Coupling means. T. D. Davies. 2,339,771; Jan. 25.
Coupling means for connecting horse-drawn vehicles to tractors. H. W. Batkin. 2,352,511; June 27.
Coupling means for tubular electrical conductors. W. A. Bruno. 2,340,722; Feb. 1.
Coupling parts, Producing. L. R. Nelson. 2,338,665; Jan. 4.
Coupling sleeve for tubular piling. P. E. Hassett. 2,353,561; July 11.
Coupling structure. C. J. Barry. 2,349,933; May 30.
Coupling structure. D. W. Fentress and S. J. Hughes. 2,351,416; June 13.
Coupling transformer. V. D. Landon. 2,358,520; Sept. 19.
Couplings of direct current motors, Transition between. P. M. J. de Giacomoni. 2,354,002; July 18.
Coupon feeder. W. H. Nobles. 2,358,131; Sept. 12.
Cover: *See*—
Baby cover.
Basket cover.
Bed pan cover.
Brush cover.
Can cover.
Child's crib cover.
Container cover.
Furniture slip cover.
Hat cover.
Hatch cover.
Hairbrush cover.
Mattress cover.
Pail cover.
Pillow cover.
Portable concrete cover.
Receptacle cover.
Removable tire cover.
Sanitary individual toilet seat cover.
Storage battery cover.
Swinging dome cover.
Trash pail cover.
Utensil cover.
Cover and making same, Soaking pit. F. Jantek and G. G. Lloyd. 2,359,113; Sept. 26.
Cover and package, Tire. C. M. MacChesney and A. B. Wilson. 2,348,084; May 2.
Cover for cans, Sanitary. S. N. Donner. 2,344,343; Mar. 14.
Cover for cooking ranges. L. J. Smallen. 2,350,074; May 30.
Cover for electric meters, Protective. D. F. Daly. 2,359,628; Oct. 3.
Cover for furniture, Slip. M. Sugarman. 2,363,271; Nov. 21.
Cover for hinges or the like. C. Colucci. 2,342,453; Feb. 22.
Cover for manholes or the like. C. G. Walker and H. Frauenfelder. 2,358,750; Sept. 19.
Cover for milk delivery cans. J. A. Hopwood. 2,364,216; Dec. 5.
Cover for shearing machines, Safety. V. A. Cabeza. 2,346,536; Apr. 11.
Cover for vehicles and the like, Detachable. F. J. F. Solis. 2,348,579; May 9.
Cover glass, Apparatus for scoring. N. H. Klages. 2,357,206; Aug. 29.
Cover lifter. A. C. Shafer. 2,339,819; Jan. 25.
Cover mechanism. J. A. King, G. Kellogg, and F. Goodwin. 2,349,283; May 23.
Cover slip. R. W. Busse. 2,342,918; Feb. 29.
Cover structure. A. A. Propernick. 2,354,927; Aug. 1.
Covered electrical conductor. C. N. Stover. 2,355,018; Aug. 1.
Covering articles. E. G. Reed. 2,356,948; Aug. 29.
Covering, Disposable head and face. S. R. Libby. 2,366,037; Dec. 26.
Covering element. P. G. Deuchler. 2,356,570; Aug. 22.
Covering material. A. D. MacNutt. 2,353,680; July 18.
Covering material for textile drawing and feeding rolls. H. H. Harkins. 2,353,462; July 11.
Covering, Method and apparatus for manufacturing hard-surface. V. Spencer. 2,364,248; Dec. 5.
Covering or jacketing means, Protective. E. J. Herter, Jr. 2,365,268; Dec. 19.
Covering to airplane wing frames, Applying. R. H. Upson. 2,364,494; Dec. 5.
Covering wheel. C. C. Haas. 2,341,770; Feb. 15.
Coverplate. H. W. Blakeman. 2,363,567; Nov. 28.
Covers, Supporting pit-furnace. W. A. Morton. 2,354,330; July 25.
Cow teat medicator. M. H. Newell. 2,350,183; May 30.
Cowl fastener. J. H. Johnson and C. M. Palmer. 2,356,162; Aug. 22.
Cowl fastener. S. N. Rosengren. 2,344,832; Mar. 21.
Cowl fastener and installation thereof, Shiftable. W. I. Jones. 2,356,412; Aug. 22.
Cowl support. J. M. Tyler. 2,355,829; Aug. 15.
Cowling. F. E. Flader and D. R. Berlin. 2,343,655; Mar. 7.
Cracking of hydrocarbon vapors. M. H. Tuttle. 2,348,699; May 9.
Cracking process, Combination. R. F. Trow. 2,348,867; May 16.
Crackle finish. G. E. Rees. 2,350,818; June 6.
Cracks in metal walls, Repairing. C. Michaels. 2,361,701; Oct. 31.
Cradle, Load handling and transporting. O. L. Lammey. 2,361,110; Oct. 24.
Craft, Fighter. A. Gazda. 2,354,453; July 25.
Crane attachment for tractors. M. G. Kuch, W. C. Petersen, H. H. Hartwig, and N. G. Livingston. 2,366,115; Dec. 26.
Crane construction, Tractor. J. C. Wheat and C. U. North. 2,339,731; Jan. 18.
Crane drive system. W. S. Burdick and H. S. Jacobs. 2,357,517; Sept. 5.
Crane drive system. H. S. Jacobs and W. S. Burdick. 2,357,516; Sept. 5.
Crane for servicing, loading, and unloading aircraft, Gantry. A. J. Brown. 2,360,470; Oct. 17.
Crane, Jib type. A. Spoliansky. 2,362,416; Nov. 7.
Crane or platform tower, Collapsible. V. Gerich. 2,363,784; Nov. 28.
Crane, Ship. E. B. Nickles. 2,355,235; Aug. 8.
Crane, Soaking pit cover. F. J. Truesdale. 2,340,910; Feb. 8.
Crane, Train order delivery. E. T. Ford. 2,341,089; Feb. 8.
Crankcase heater. R. H. Richardson. 2,354,061; July 18.
Crankcase insulation. S. E. Klenitz. 2,350,559; June 6.
Crankcase lubricant and chemical compound therefor. E. W. Cook and W. D. Thomas, Jr. 2,342,572; Feb. 22.
Crankcase lubricant and chemical compound therefor. E. W. Cook and W. D. Thomas, Jr. 2,344,392; Mar. 14.
Crankcase oil separator. G. M. Walton. 2,354,722; Aug. 1.
Crankcase structure, Fabricated. J. W. Kinnucan. 2,340,885; Feb. 8.
Crankcase ventilation system. D. G. Roos. 2,361,061; Oct. 24.
Crankshaft. C. Criswell. 2,365,394; Dec. 19.
Crankshaft and making the same. L. M. Taylor. 2,364,109; Dec. 5.
Crankshaft, Engine. J. Dusevoir. 2,340,458; Feb. 1.
Crankshaft, Engine. J. Dusevoir. 2,359,306; Oct. 3.
Crankshaft grinder. W. H. Myers. 2,349,108; May 16.
Crankshaft grinding machine. F. M. Leusch. 2,340,602; Feb. 1.
Crash plane. P. Mayhew. 2,364,803; Dec. 12.
Crate. H. V. Bowman. 2,346,205; Apr. 11.
Crate, Bomb fin. J. T. Parsons and A. V. Brogren. 2,346,700; Apr. 18.
Crate, Collapsible. E. F. Costigan. 2,350,673; June 6.
Crate, Double vertical interlock bottle. L. B. and W. Tarter. 2,347,647; May 2.
Crate marking machine. H. B. Greenwood. 2,348,537; May 9.
Cream and paste dispenser. V. H. Flynn. 2,341,031; Feb. 8.
Cream dispenser. C. E. Swann. 2,343,847; Mar. 7.
Cream extractor. R. Edwards. 2,345,470; Mar. 28.
Cream whipper. H. Gamache. 2,357,886; Sept. 12.
Creosote, Treatment of. L. R. Allott and E. P. Miller. 2,340,168; Jan. 25.
Crib. S. J. Meiselman. 2,360,963; Oct. 24.
Crib. C. E. Webb. 2,361,725; Oct. 31.
Crib. C. E. Webb. 2,364,577; Dec. 5.
Crib and play pen, Combination. F. L. Odom. 2,360,575; Oct. 17.
Crib and the like, Infant's. B. K. Giesler. 2,355,525; Aug. 8.
Crib construction. E. E. Merrett. 2,358,218; Aug. 29.
Crib drop side. H. J. Landry. 2,341,451; Feb. 8.
Crib, Portable. M. V. Schubert. 2,344,270; Mar. 14.
Cribbing. O. S. Flath. 2,358,698; Sept. 19.
Cribbing or digging tool. H. G. Doran. 2,359,089; Sept. 26.
Crimper, Detonating cup. H. B. Young. 2,355,689; Aug. 15.
Crimping apparatus. R. M. Conklin. 2,360,317; Oct. 17.
Crop divider. G. Wilson. 2,365,790; Dec. 26.
Crop dusting machine. A. W. Gustafson. 2,359,520; Oct. 3.
Crop stripping and husking device. W. E. Urschel. 2,341,248; Feb. 8.
Crossarm for electric lines. D. C. Hubbard. 2,362,555; Nov. 14.
Crossbar switch. C. Gillings and L. J. Murray. 2,363,955; Nov. 28.
Crossbar switch. C. Gillings and L. J. Murray. 2,364,706; Dec. 12.
Crossover for crane bridges. F. C. Harris. 2,355,863; Aug. 15.

Cross rolling mill. S. E. Diescher. 2,340,517; Feb. 1.
Cross rolling mill. M. B. Hendrickson. 2,340,518; Feb. 1.
Cross-slide mechanism. A. H. Jobert and J. J. Taravella. 2,352,548; June 27.
Cross strip insulating structure for concentric cables. R. Finzi Contini. 2,351,927; June 20.
Cross-tail improvement. E. S. Alford and R. C. Edson. 2,361,523; Oct. 31.
Cross winding frame. W. Esser, G. Kahlisch, and W. Reiners. 2,338,914; Jan. 11.
Cross winding frame. W. Reiners and G. Kahlisch. 2,350,927; June 6.
Crotonaldehyde, Preparation of. M. Mueller-Cunradi, H. Giehne, and H. Krekeler. 2,341,229; Feb. 8.
Crown block. G. D. Johnson. 2,359,919; Oct. 10.
Crown bottle cap. R. F. Smith. 2,356,012; Aug. 15.
Crown cap conveyer. P. E. Pearson and C. E. Magnus. 2,362,440; Nov. 14.
Crown cap selecting machine. L. A. Fischer. 2,348,797; May 16.
Crown crimpers. J. Kantor. 2,359,562; Oct. 3.
Crown rest. J. Kantor. 2,359,561; Oct. 3.
Crowning attachment for gear finishing machines. B. L. Ward and D. G. Weatherup. 2,362,785; Nov. 14.
Crowning attachment for gear finishing machines, Cam operated. E. W. Miller. 2,362,764; Nov. 14.
Crush-forming operation on grinding wheels. S. J. Harley and J. E. Wainwright. 2,360,127; Oct. 10.
Crusher. O. J. Feight. 2,339,628; Jan. 18.
Crusher. J. T. Fowler. 2,339,390; Jan. 18.
Crusher. J. R. Kueneman and D. Kueneman. 2,341,105; Feb. 8.
Crusher. H. C. Pollitz. 2,352,970; July 4.
Crusher, Gyratory. W. C. Johnson. 2,349,790; May 23.
Crusher, Gyratory. A. J. Roubal. 2,342,371; Feb. 22.
Crushing machine. F. H. Edwards. 2,353,955; July 18.
Crushing machine. H. G. Edwards. 2,356,122; Aug. 22.
Crushing machine. E. T. Peterson. 2,343,322; Mar. 7.
Crushing machinery. G. W. Borton. 2,355,060; Aug. 8.
Crushing of stone and ore, Method and apparatus for the. A. Poupin. 2,361,121; Oct. 24.
Crutch. J. Bourne. 2,364,053; Dec. 5.
Crutch. W. W. Dunnicliff. 2,358,853; Sept. 26.
Crystal container. G. E. Woodmark. 2,361,343; Oct. 24.
Crystal novelty. W. M. Snyder. 2,361,423; Oct. 31.
Crystal novelty and paperweight. W. M. Snyder. 2,361,424-5; Oct. 31.
Crystal pickup unit. R. Dally. 2,348,526; May 9.
Crystalline formation. A. M. Marks. 2,344,514; Mar. 21.
Crystalline polymeric material, Embossing. J. H. Reilly. 2,345,829; Apr. 4.
Crystalline polymers, Fabricating. A. W. Hanson. 2,361,471; Oct. 31.
Crystalline structures, Processing. J. O. Le Van. 2,355,877; Aug. 15.
Crystalline vinylidene chloride polymers, Treatment of. E. H. Harder. 2,344,511; Mar. 21.
Crystallizing material. J. H. Thompson and E. T. Winslow. 2,346,517; Apr. 11.
Culinary implement. H. Raymond. 2,357,764; Sept. 5.
Cultivating and weeding attachment for motorcycles. G. Q. Heppner. 2,362,374; Nov. 7.
Cultivator. A. C. Cross. 2,361,605; Oct. 31.
Cultivator. R. E. Dunham. 2,355,519; Aug. 8.
Cultivator. C. E. Nelson. 2,342,423; Feb. 22.
Cultivator. C. S. Noble. 2,345,702; Apr. 4.
Cultivator. C. B. Ulrich. 2,362,867; Nov. 14.
Cultivator attachment. H. D. Baldwin. 2,338,374; Jan. 4.
Cultivator attachment for tractors. D. Currie. 2,359,206; Sept. 26.
Cultivator, Tractor. G. R. Foulke, Jr. 2,345,741; Apr. 4.
Culvert. O. W. Schmidt and F. L. Carswell. 2,343,029; Feb. 29.
Culvert. A. W. Spaulding and J. M. Robertson. 2,359,450; Oct. 3.
Culvert and the like, Reinforced. G. E. Shafer. 2,355,336; Aug. 8.
Culvert structure. A. H. Likely. 2,354,527; July 25.
Cup adapter arrangement for liquid mixing apparatus. S. I. Johnson. 2,345,479; Mar. 28.
Cup assembly or packing element, Swab. R. G. Taylor, Jr. 2,352,812; July 4.
Cup, Beverage. V. Pera. 2,355,010; Aug. 1.
Cup, Condenser. L. T. Conde. 2,345,963; Apr. 4.
Cup disposal system. S. D. Polsen and S. H. Nelson. 2,354,349; July 25.
Cup, Eye. S. T. Bonilla. 2,352,610; July 4.
Cup or container. K. T. Buttery. 2,338,900; Jan. 11.
Cup to be used as cap for thermos bottles. G. A. F. Kobrin. 2,345,876; Apr. 4.
Cup washers, Producing. F. Kapple and J. F. Sikora. 2,352,265; June 27.
Cup with ice release, Individual freezing. L. L. Mallard. 2,340,676; Feb. 1.
Cupped formations of thermoplastic sheet material, Making. G. W. Borkland. 2,357,806; Sept. 12.
Cupola, Aircraft back-turret. E. Lanciani. 2,350,777; June 6.
Cupola apparatus and method of melting metal. H. A. Reece. 2,345,502; Mar. 28.
Curb box cleaner. G. A. Cole. 2,349,076; May 16.
Curer, Tobacco. J. A. Tharrington. 2,365,119; Dec. 12.
Curing bags, Restoring. J. E. Charnes. 2,339,559; Jan. 18.
Curing machine. R. K. Lee. 2,364,858; Dec. 12.
Curler, Hair. D. Archer. 2,364,596; Dec. 12.
Curler, Hair. M. Frankel and I. Zatsky. 2,364,895; Dec. 12.
Curler, Hair. R. Krasberg. 2,347,693; May 2.
Curler, Hair. R. Krasberg. 2,363,131; Nov. 21.
Curler, Hair. R. T. Plate. 2,362,399; Nov. 7.
Curler, Hair. W. H. Schmitt. 2,353,366; July 11.
Current balance relay system. L. F. Hunt. 2,361,208; Oct. 24.
Current collecting apparatus. G. A. Mitchell. 2,343,693; Mar. 7.
Current collector. D. C. Prince. 2,361,237; Oct. 24.
Current collector shoe. J. B. Palmer. 2,342,296; Feb. 22.
Current control system. W. S. Thompson. 2,357,704; Sept. 5.
Current-limiting and protective arrangement. A. B. Rypinski. 2,350,195; May 30.
Current measurement, Direct. T. A. Rich. 2,364,474; Dec. 5.
Current measuring device. H. Skilling. 2,358,480; Sept. 19.
Current rectifier apparatus of the dry surface contact type, Alternating. L. H. Peter and S. A. Stevens. 2,345,499; Mar. 28.
Current regulating system. R. G. Thompson. 2,339,526; Jan. 18.
Current regulator for phonographs. C. K. Wilson. 2,339,721; Jan. 18.
Current responsive apparatus, Damping. J. T. Neiswinter and O. P. Horsey. 2,347,497; Apr. 25.
Current supply system. O. D. Grandstaff, T. W. Gilman, and R. H. Herrick. 2,343,411; Mar. 7.
Current transformer. K. Wethmuller. 2,349,782; May 23.
Currentless grid tube. H. C. Thompson. 2,358,542; Sept. 19.
Curtain. A. Dudas. 2,363,847; Nov. 28.
Curtain bracket. J. Owsiak. 2,364,161; Dec. 5.
Curtain, Conflagration retardative. P. R. Wagner. 2,365,127; Dec. 12.
Curtain, Netted. N. Topliss. 2,365,500; Dec. 19.
Curtain rod. G. B. Waddell. 2,355,489; Aug. 8.
Curved structure. N. Hart. 2,351,121; June 13.
Cushion blanking die. R. Peterson. 2,355,556; Aug. 8.
Cushion construction. W. L. Clark. 2,339,617; Jan. 18.
Cushion for upholstery, Bellows. H. W. Amos. 2,350,711; June 6.
Cushion mounting. H. C. Ruhly and C. H. Young. 2,347,969; May 2.
Cushion, Pneumatic. G. H. Perry. 2,343,996; Mar. 14.
Cushion, Pneumatic. G. H. Perry. 2,360,715; Oct. 17.
Cushion, seat. J. M. Caughey. 2,352,938; July 4.
Cushion seat. A. C. Grunwald. 2,361,370; Oct. 31.
Cushion, shock absorber, vibration damper, or the like. A. C. Sampietro and W. T. Oliver. 2,356,093; Aug. 15.
Cushion, Spring insert. F. A. Sawyer. 2,359,003; Sept. 26.
Cushion unit for furniture. H. Morrison and F. W. Lowe. 2,340,551; Feb. 1.
Cushioned journal box. A. J. Hersey and C. L. Madden. 2,365,375; Dec. 26.
Cushioning device for absorbing shocks. A. J. Hersey and C. L. Madden. 2,340,187; Jan. 25.
Cushioning device for car truck center bearings. L. B. Jones. 2,356,246; Aug. 22.
Cushioning device for rock drills. M. O'Farrell. 2,341,472; Feb. 8.
Cushioning means. C. O. Ballou. 2,345,552; Apr. 4.
Cushioning mechanism. H. L. Spence and J. L. Eler. 2,342,978; Feb. 29.
Cushions or like articles, Method and apparatus for making sponge rubber. J. A. MacKay and C. H. Nagel. 2,364,036; Nov. 28.
Cutoff apparatus. W. Rodder and E. H. Kendall. 2,350,975; June 6.
Cutoff, Automatic. D. A. Johnston. 2,341,870; Feb. 15.
Cutoff device for controlling the bulk supply of liquid dispensing apparatus. C. S. Hasard. 2,365,192; Dec. 19.
Cutoff machine, Abrasive. S. C. Dreher. 2,354,509; July 25.
Cutoff machine, Abrasive. H. G. Robinson. 2,358,880; Sept. 26.
Cutoff machine tripping mechanism. J. R. Rosenleaf and E. D. Benham. 2,345,072; Mar. 28.
Cutoff valve. H. C. Grant, Jr., and W. M. Haessler. 2,351,035; June 13.
Cut-out construction. W. O. Schultz. 2,357,772; Sept. 5.
Cutout construction. W. O. Schultz and A. G. Steinmayer. 2,338,823; Jan. 11.
Cutout construction. W. O. Schultz and A. G. Steinmayer. 2,362,314; Nov. 7.
Cutout for electric irons. A. R. Cheeseman. 2,354,575; July 25.

Cutter: *See*—
Adjustable cutter.
Aluminum cutter.
Air powered hair cutter.
Armored cable cutter.
Butter cutter.
Bx armored cable cutter.
Cheese cutter.
Corn cutter.
Electrical grass and weed cutter.
Face milling cutter.
Forage cutter.
Gear cutter.
Glass cutter.
Hedge cutter.
Inserted blade milling cutter.
Inserted tooth cutter.
Inside pipe cutter.
Intermittent temple thread cutter.
Manually operated tube cutter.
Metal cutter.
Milling cutter.
Milling machine cutter.
Pipe cutter.
Portable recess cutter.
Potato seed cutter.
Ration stamp cutter.
Reinforced plastic cutter.
Rifling cutter.
Rivet cutter.
Rod and cable cutter.
Rotary cutter.
Scrap cutter.
Soap cutter.
Sod cutter.
Spiral cutter.
Stalk cutter.
Staple fiber cutter.
Surgical cast cutter.
Ticket cutter.
Vegetable cutter.
Vegetable strip cutter.
Wire cutter.
Cutter. C. O. Beckley. 2,351,093; June 13.
Cutter. J. A. Markstrum. 2,362,708; Nov. 14.
Cutter and comminutor for fruits and vegetables. D. E. Richardson. 2,352,122; June 20.
Cutter attachment for plows, Straw and foliage. R. C. Herr. 2,341,143; Feb. 8.
Cutter cable. F. E. Anderson. 2,349,573; May 23.
Cutter chain. E. J. Doberstein. 2,348,061; May 2.
Cutter chain. J. A. Hayward. 2,351,206; June 13.
Cutter chain. L. E. Simmons. 2,365,780; Dec. 26.
Cutter chain. L. E. Simmons. 2,365,975; Dec. 26.
Cutter chain. C. E. Stoltz. 2,344,750; Mar. 21.
Cutter, distributor and protector for outboard motors, Combined. J. G. Arado. 2,355,842; Aug. 15.
Cutter feed-control means for machining apparatus. A. B. Segur. 2,360,725; Oct. 17.
Cutterhead. S. E. Hill. 2,365,407; Dec. 19.
Cutter head, Adjustable. H. M. Robinson. 2,338,301; Jan. 4.
Cutterhead for milling machines. K. Jansen. 2,345,050; Mar. 28.
Cutter manufacture. M. B. Mentley and D. D. Austin. 2,345,986; Apr. 4.
Cutter mechanism for cutting lasts or the like. A. D. Landers and F. H. Lindsay. 2,354,689; Aug. 1.
Cutters, Manufacturing milling. E. F. Aber. 2,344,956; Mar. 28.
Cutters, Producing rotary. H. J. Luehrs. 2,344,314; Mar. 14.
Cutters, Sharpening flat top gear shaping. J. L. Williamson. 2,354,165; July 18.
Cutting adits in chalk and allied strata. J. G. Gardner. 2,359,213; Sept. 26.
Cutting and abrading articles, Method of and apparatus for producing. R. H. Taylor. 2,344,066; Mar. 14.
Cutting and stapling device. J. T. Cooper. 2,358,306; Sept. 19.
Cutting and threading tool. C. J. Kopp. 2,351,217; June 13.
Cutting apparatus. S. Budiong. 2,339,456; Jan. 18.
Cutting apparatus. D. C. English. 2,340,802; Feb. 1.
Cutting apparatus. O. V. Waters. 2,349,686; May 23.
Cutting apparatus, Kerf. C. P. Baldwin and H. H. Vanderzee. 2,364,045; Dec. 5.
Cutting blade and cutting therewith. J. W. Batchelder. 2,349,336; May 23.
Cutting chain. A. N. Blum. 2,351,738; June 20.
Cutting composition, Water-soluble. J. D. Morgan and R. E. Lowe. 2,355,995; Aug. 15.
Cutting compound and manufacture, Water soluble. J. D. Morgan and R. E. Lowe. 2,355,994; Aug. 15.
Cutting device. V. Capolupo. 2,356,378; Aug. 22.
Cutting device. J. Moss. 2,363,258; Nov. 21.
Cutting device, Tobacco leaf. K. E. Granstedt. 2,359,034; Sept. 26.
Cutting die. G. Donaldson and J. P. Klee. 2,357,883; Sept. 12.
Cutting ferrous metal bar stock, Method and apparatus for. G. H. Smith. 2,345,688; Apr. 4.
Cutting gears, Method of and apparatus for. A. H. Candee. 2,361,599; Oct. 31.
Cutting machine. J. L. Anderson. 2,345,314; Mar. 28.
Cutting machine. A. Lankhuff. 2,364,985; Dec. 12.
Cutting machine. C. L. Loverch and J. K. Rubin. 2,361,300; Oct. 24.
Cutting machine. L. V. Lucia. 2,347,603; Apr. 25.
Cutting machine. H. E. Morton. 2,345,060; Mar. 28.
Cutting machine. F. H. Ogden. 2,346,046; Apr. 4.
Cutting machine. E. Schutz. 2,353,590; July 11.
Cutting machine. W. R. Spiller and L. D. Barley. 2,350,540; June 6.
Cutting machine. H. E. Tautz. 2,347,223; Apr. 25.
Cutting machine. C. B. Williams, Jr. 2,345,166; Mar. 28.
Cutting machine, Duplicate. A. G. Mirel. 2,351,776; June 20.
Cutting machine for round billets. J. L. Anderson. 2,347,804; May 2.
Cutting machine, Universal. H. E. Pruitt. 2,361,961; Nov. 7.
Cutting mechanism. E. L. Sutter. 2,363,097; Nov. 21.
Cutting mechanism for woolen shears. L. F. Remington. 2,362,770; Nov. 14.
Cutting, Method of. J. L. Anderson. 2,347,245; Apr. 25.
Cutting-off machine. F. F. Brueckner. 2,342,246; Feb. 22.
Cutting-off machine. R. B. Muse. 2,339,097; Jan. 11.
Cutting-off tool and holder. J. M. Luers. 2,353,913; July 18.
Cutting or drilling device. C. E. Stoltz. 2,344,065; Mar. 14.
Cutting or sawing machine. W. W. Gardner. 2,340,953; Feb. 8.
Cutting or welding and heat-treating apparatus. H. H. Moss and G. W. Patch, Jr. Re. 22,568; Nov. 21.
Cutting pins, Method and apparatus for. L. W. Duncan. 2,341,025; Feb. 8.
Cutting portion of tools, Producing the. J. R. Jamieson. 2,361,402; Oct. 31.
Cutting tip with diverging outlet. J. J. Crowe. 2,343,958; Mar. 14.
Cutting tool. D. J. Bettini. 2,341,309; Feb. 8.
Cutting tool. W. T. Bradley. 2,357,379; Sept. 5.
Cutting tool. J. C. Briggs. 2,357,074; Aug. 29.
Cutting tool. W. M. Bushnell. 2,339,144; Jan. 11.
Cutting tool. R. W. Cummings. 2,360,937; Oct. 24.
Cutting tool. F. W. Curtis. 2,357,088; Aug. 29.
Cutting tool. E. Guetzkow. 2,349,959; May 30.
Cutting tool. M. Littmann. 2,365,965; Dec. 26.
Cutting tool. O. C. Martin. 2,364,305; Dec. 5.
Cutting tool. J. S. McAllister. 2,351,827; June 20.
Cutting tool. L. C. Oak and J. B. Donnelly. 2,348,262; May 9.
Cutting tool and manufacture thereof. A. O. Bates. 2,350,667; June 6.
Cutting tool holder. D. J. Coughlin. 2,345,462; Mar. 28.
Cutting torch holder. N. G. Bellroae. 2,356,811; Aug. 29.
Cutting torch machine. C. Mott and A. F. Chouinard. 2,364,644; Dec. 12.
Cyanidation method and apparatus. L. D. Mills, T. B. Crowe, and R. E. Byler. 2,364,867; Dec. 12.
Cyanide, Manufacturing sodium. D. Kusman. 2,365,417; Dec. 19.
Cyanoaldehydes and producing them. H. A. Bruson and T. W. Riener. 2,353,687; July 18.
Cyanoethylated nitro compounds and preparing same. H. A. Bruson. 2,361,259; Oct. 24.
Cycle control in accounting machines. W. A. Anderson. 2,357,571; Sept. 5.
Cycle gas oils by thermal treatment. C. E. Hemminger. 2,340,960; Feb. 8.
Cycle pump holder. B. D. Elmquist. 2,360,767; Oct. 17.
Cycle saddle, Resilient. C. A. Persons. 2,347,061; Apr. 18.
Cycle saddle spring. F. Mesinger. 2,354,328; July 25.
Cyclic acetal to a polyolefin, Converting a. L. A. Mikeska and E. Arundale. 2,350,517; June 6.
Cyclic alcohol and process of preparing. J. P. Bain. 2,340,294; Feb. 1.
Cyclic anidines, Manufacture of. P. Schlack. 2,356,622; Aug. 22.
Cyclic ketals of 3-keto-17-oxy-cythrenes and preparing 3-keto-17-oxy-cythrenes. E. Fernholz. 2,356,154; Aug. 22.
Cyclic lubricating installation, Indicator. for. E. H. Kocher. 2,353,734; July 18.
Cyclic mono-olefins, Preparation of. T. W. Evans, R. C. Morris, and E. C. Shokal. 2,360,555; Oct. 17.
Cyclic motions, Rating. W. Kohlhagen. 2,358,078; Sept. 12.
Cyclized rubber containing basic amino polymers. W. H. Charch. 2,350,385; June 6.
Cyclohexane, Production of. M. L. Hamlin. 2,356,240; Aug. 22.
Cycloolefinic hydrocarbons and aromatic hydrocarbons, Production of. H. Pines and V. N. Ipatieff. 2,366,126; Dec. 26.
Cyclopentadiene, Polymerization of. S. G. Trepp. 2,359,336; Oct. 3.
Cyclopentadiene, Recovering and refining. W. L. Glowacki and E. Preston. 2,348,418; May 23.
Cyclopentanopolyhydrophenanthrene hydroxy aldehydes and esters thereof. T. Reichstein. 2,345,216; Mar. 28.
Cyclo-polymethyleno-meta-dioxanes. L. A. Mikeska and E. Arundale. 2,356,683; Aug. 22.
Cyclo-trimethylenetrinitramine, Preparation of. J. A. Wyler. 2,355,770; Aug. 15.
Cylinder and means for preventing over-travel of its piston, Pneumatic power. A. A. Markson. 2,339,024; Jan. 11.
Cylinder and piston and producing a working seal therebetween. J. Williams. 2,358,271; Sept. 12.
Cylinder and piston construction, Master. A. Y. Dodge. 2,340,113; Jan. 25.
Cylinder attaching means. V. I. Moncrieff. 2,353,779; July 18.
Cylinder bearer, Printing. W. F. Huck. 2,362,069; Nov. 7.
Cylinder bracket. D. Mapes. 2,344,513; Mar. 21.
Cylinder by-pass control, Hydraulic. H. R. Ellinwood. Re. 22,439; Feb. 22.
Cylinder cleaner and polisher, Hydraulic brake. J. W. Hyland. 2,348,132; May 2.

Cylinder, Compound master. S. Schnell. 2,348,367; May 9.
Cylinder construction. A. M. Campbell. 2,362,241; Nov. 7.
Cylinder etching machine. C. L. Henderson and C. R. Powers. 2,360,676; Oct. 17.
Cylinder, Fluid pressure. J. W. White. 2,345,165; Mar. 28.
Cylinder for hydraulic braking systems, Master. K. Miller. 2,358,021; Sept. 12.
Cylinder grinding tool. C. A. Fulmer. 2,345,930; Apr. 4.
Cylinder head. R. G. Anderson and J. S. Pollack. 2,339,972; Jan. 25.
Cylinder head and combustion chamber construction. E. Ginn, H. L. Casselman and D. A. Campbell. 2,347,097; Apr. 18.
Cylinder head construction. E. Ginn, H. L. Casselman, and D. A. Campbell. 2,350,226; May 30.
Cylinder head construction. E. Ginn, H. L. Casselman, and D. A. Campbell. 2,361,191; Oct. 24.
Cylinder head gauge. D. J. Davis. 2,341,138; Feb. 8.
Cylinder head of internal combustion engines. R. K. Crowe and H. C. Mansell. 2,366,005; Dec. 26.
Cylinder honing. V. W. Peterson and F. J. Daley. 2,342,599; Feb. 22.
Cylinder, Laminated finned. V. R. Abrams. 2,365,162; Dec. 19.
Cylinder liner for internal combustion engines. H. Lieberherr. 2,348,927; Apr. 18.
Cylinder liner forcing mandrel. F. A. Wagner. 2,353,774; July 18.
Cylinder liners, Forming. R. E. Surtees. 2,361,434; Oct. 31.
Cylinder machine construction. P. H. Goldsmith. 2,363,786; Nov. 28.
Cylinder, Master. J. A. Forbes. 2,341,318; Feb. 8.
Cylinder, Master. W. J. Humphrey. 2,347,349; Apr. 25.
Cylinder safety lock. G. Honger. 2,358,164; Sept. 12.
Cylinder sleeve tool. J. H. Wass. 2,341,677; Feb. 15.
Cylinder unit, Master. P. Schmidt. 2,338,974; Jan. 11.
Cylinders, Making intaglio. A. M. Wickwire, Jr. 2,338,558; Jan. 4.
Cylindrical coupling for hollow tubing. G. W. Anderson. 2,347,534; Apr. 25.
Cylindrical work hanger. J. A. Carpenter and M. E. McGill. 2,353,443; July 11.
d-ribose 2-nitro 4,5-dimethylanilide, Preparing. A. R. Surrey. 2,351,721; June 20.
Dagger, Machete. C. T. Engle. 2,359,098; Sept. 26.
Dairy establishment. F. D. Cornell. 2,358,000; Sept. 12.
Dam gate and operating apparatus. J. Kalix. 2,338,724; Jan. 11.
Damming attachment for listers and lister seeders. C. T. Peacock. 2,348,997; May 16.
Dampener for beverage containers, Splash. P. C. Clovis. 2,362,354; Nov. 7.
Dampener for concrete-conveying pipe line systems, Pulsation. C. I. Longenecker. 2,355,001; Aug. 1.
Dampener for pressure meters, Gas pulsation. G. P. Sledge, Jr. 2,342,904; Feb. 29.
Dampener mechanism. A. H. Gardner. 2,345,337; Mar. 28.
Dampener, Pulsation. J. A. Campbell. 2,339,457; Jan. 18.
Dampener, vibration. H. A. Storch. 2,353,943–5; July 18.
Damper. J. L. Harris. 2,341,038; Feb. 8.
Damper. J. E. Mulheim. 2,347,059; Apr. 18.
Damper. G. A. Peple, Jr. 2,360,888; Oct. 24.
Damper construction. C. L. Myers. 2,349,368; May 23.
Damper control means. E. O. Young. 2,365,319; Dec. 19.
Damper, Dynamic. V. T. Moore. 2,352,908; July 4.
Damper, Fireplace. K. F. Triggs. 2,363,026; Nov. 21.
Damper, Hydraulic. B. E. O'Connor. 2,357,278; Aug. 29.
Damper, Hydraulically operated oscillation. A. Brunner. 2,349,610; May 23.
Damper linkage. E. O. Young. 2,365,320; Dec. 19.
Damper, Torsional vibration. R. M. Heintz. 2,346,432; Apr. 11.
Damper, Vibration. J. Crawford and G. M. Wiegand. 2,346,732; Apr. 18.
Damper, Vibration. R. R. R. Saraxin. 2,356,435; Aug. 22.
Damping device for airplane control surfaces. G. M. Giannini. 2,342,578; Feb. 22.
Damping device for electrical instruments. F. X. Lamb. 2,353,617–8; July 11.
Damping device in gravimeters. A. R. Lindblad and J. D. Malmqvist. 2,346,593; Apr. 11.
Damping mechanism. N. Urquhart and W. J. Muldoon. 2,338,470; Jan. 4.
Darning device for use with sewing machines. W. Hofgesang. 2,356,723; Aug. 22.
Dash damping system. C. L. Pike. 2,365,727; Dec. 26.
Dashpot for scales. K. C. Allen and D. A. Meeker. 2,347,803; May 2.
Data reproducing machine. R. I. Roth. 2,359,680; Oct. 3.
Data tab. F. D. Jonas. 2,348,909; May 16.
Davenport. Convertible studio. L. S. and T. D. Gilliam. 2,366,098; Dec. 26.
Davit of the gravity type, Ship's. A. P. Schat. 2,352,018; June 20.
Daylight lamp. W. H. Glover. 2,364,707; Dec. 12.
Deactivators, Metal. E. R. White and E. L. Walters. 2,361,339; Oct. 24.
Deaerating apparatus. C. I. Baker. 2,339,369; Jan. 18.
Deaeration of liquids. J. R. McDermet. 2,344,554; Mar. 21.
Deaerator, Atomising. V. A. Rohlin. 2,345,217; Mar. 28.
Decalcomania. B. C. Bricker. 2,359,462; Oct. 3.
Decalcomania. M. E. Wysong. 2,359,185; Sept. 26.
Decimal point indicating mechanism for slide rule computations. M. Cherney. 2,363,642; Nov. 28.
Deck construction. C. I. Center and W. E. Tarr. 2,362,047; Nov. 7.
Deck for airplane runways and the like, Portable. C. B. Cushwa, Jr., and G. G. Greulich. 2,359,548; Oct. 3.
Deck for cooling towers, Interlocking splash. L. T. Mart. 2,342,952; Feb. 29.
Deck lashing, Cargo. M. G. Denton. 2,353,017; July 4.
Deck lid hinge. J. H. Roethel. 2,341,847; Feb. 15.
Deck marker. H. T. C. Rosenlund. 2,358,596; Sept. 19.
Deck, Portable. G. G. Greulich. 2,352,892; July 4.
Deck, Portable. G. G. Greulich. 2,353,398; July 11.
Deck, Sectional tank. W. J. Heinrich. 2,364,528; Dec. 5.
Decorating apparatus. A. S. Jackson and C. A. Heyne. 2,365,961; Dec. 26.
Decorating apparatus for coated confections and the like. L. Latini. 2,338,340; Jan. 4.
Decorating articles. E. Ibach. 2,354,637; July 25.
Decorating compositions for textiles. C. M. Marberg and J. Abrams. 2,338,252; Jan. 4.
Decoration. G. R. Cunnington. 2,341,979; Feb. 15.
Decoration or ornamentation of surfaces. Le R. D. Sod. 2,351,717; June 20.
Decorative article. R. F. Hayes. 2,364,024; Nov. 28.
Decorative article. M. C. Phelps. 2,362,092; Nov. 7.
Decorative container cap. P. A. Derham and J. H. Newport, Jr. 2,355,583; Aug. 8.
Decorative device. C. A. Horky. 2,359,559; Oct. 3.
Decorative means and applying. J. J. Larmour. 2,339,865; Jan. 25.
Decorative trim panels, Making. G. R. Cunnington. 2,341,978; Feb. 15.
Decorticating machine. H. W. Hawker and J. L. White. 2,341,987; Feb. 15.
Decorticating machine. J. S. Reeves. 2,341,290; Feb. 8.
Decoy. F. A. Agius. 2,342,107; Feb. 22.
Decoy. M. R. Day. 2,339,983; Jan. 25.
Decoy. N. Fay. 2,341,028; Feb. 8.
Dedusting device. C. L. Howse. 2,360,498; Oct. 17.
Deep-drawing stock, Making of. W. M. McConnell. 2,344,906; Mar. 28.
Deep hole drill. G. W. Anderson. 2,346,546; Apr. 11.
Deep well drilling apparatus. J. W. Menhall. 2,350,364; June 6.
Deep well dump can. H. H. Greene. 2,353,458; July 11.
Deep well pump jack. R. A. Henricks. 2,346,026; Apr. 4.
Deep well screen. H. O. Williams and A. A. Jens. 2,342,913–4; Feb. 29.
Deep well screen. H. O. Williams and A. A. Jens. 2,344,909; Mar. 21.
Deep well screen. H. O. Williams and A. A. Jens. 2,346,885; Apr. 18.
Defeathering compound. O. T. Bloom. 2,353,869; July 18.
Defibering apparatus. C. E. Roberson. 2,364,244; Dec. 5.
Deflecting drill bit. C. P. Collins. 2,350,986; June 12.
Deflecting tool. L. C. Miller. 2,345,766; Apr. 4.
Deflector. W. M. Parke. 2,338,199; Jan. 4.
Deflector and shield for ovens. C. Stanchfield. 2,350,293; May 30.
Deflector, Brush. J. T. Fiese. 2,359,472; Oct. 3.
Deflector for ventilating systems, Air. N. H. Brickham. 2,364,265; Dec. 5.
Deflector, Projectile. M. C. Schwab. 2,358,257; Sept. 12.
Defroster, Windshield. M. Zaiger. 2,360,229; Oct. 10.
Defrosting air. L. L. Tirrell. 2,361,961; Nov. 7.
Defrosting and frost prevention. M. S. Schechter and H. L. J. Haller. 2,342,759; Feb. 29.
Defrosting and frost prevention. M. S. Schechter and H. L. J. Haller. 2,343,246; Mar. 7.
Degradation products of certain steroid compounds, Producing. J. Rosin. 2,362,405; Nov. 7.
Degreaser cabinets, Cover for. W. D. Phillips and R. A. Van Fossen. 2,351,704; June 20.
Degreaser with two sumps. W. D. Phillips and R. A. Van Fossen. 2,349,000; May 16.
Degreasing apparatus. M. Heller. 2,364,976; Dec. 12.
Degreasing apparatus. W. D. Phillips and R. A. Van Fossen. 2,349,001; May 16.
Degreasing machine. J. E. Vetorino. 2,360,379; Oct. 17.
Dehairing skins. E. F. Christopher. 2,353,878; July 18.
Dehumidifying apparatus. R. S. Robinson. 2,363,262; Nov. 21.
Dehydrating. A. A. Robbins. 2,357,767; Sept. 5.
Dehydrating apparatus. S. B. Crawford. 2,364,274; Dec. 5.
Dehydrating dialkyl aryl carbinols. R. C. Palmer and C. H. Bibb. 2,345,625; Apr. 4.
Dehydrating machine. G. Overton. 2,352,220; June 27.
Dehydrating natural plants and grasses, Method and apparatus. D. L. Howard. 2,341,101; Feb. 8.
Dehydrating solutions, Concentrating. H. A. Martin. 2,342,419; Feb. 22.
Dehydrating system. J. M. Hall. 2,361,940; Nov. 7.

Dehydration process. P. H. Bodenstein. 2,354,495; July 25.
Dehydrator. D. Brewer. 2,360,930; Oct. 24.
Dehydrator. E. I. Fuller. 2,357,946; Sept. 12.
Dehydrator. E. H. Williams. 2,361,894; Oct. 31.
Dehydrator, Food. H. J. Burnett. 2,359,199; Sept. 26.
Dehydrator, Vertical. L. H. Grandjean, E. P. Le Vasseur, and S. N. Prats. 2,351,676; June 20.
Dehydroabietic acid derivatives. W. P. Campbell. 2,359,826; Oct. 10.
Dehydro-aromatization. E. T. Layng and V. Voorhees. 2,349,045; May 16.
Dehydrogenation of hydrocarbons. W. A. Schultze and J. C. Hillyer. 2,362,218; Nov. 7.
Deicer for supercharger aircraft carburetor. W. H. Allen. 2,356,370; Aug. 22.
Delayed-start connection for electric motors. D. E. Fritz. 2,363,310; Nov. 21.
Delineated area. W. H. Flood. 2,355,430; Aug. 8.
Delimter. J. B. Bicker. Re. 22,543; Sept. 5.
Delivering and receiving mechanism for airplane-carried loads. E. G. Hill. 2,360,495; Oct. 17.
Delivery apparatus, Water. J. T. McGarry and H. A. Eads. 2,355,662; Aug. 15.
Delivery system for volatile liquids. N. M. Jones. 2,348,478; May 9.
Delustering cellulose ester fabrics. O. B. Hager. 2,350,032; May 30.
Demagnetising system. T. Zuschlag. 2,355,940; Aug. 15.
Demodulator circuits. F. C. Everett. 2,361,616; Oct. 31.
Demulsifying agent. B. S. De Mering. 2,363,638; Nov. 28.
Densifying mill. F. R. Murphy and R. H. Bebout. 2,350,632; June 6.
Density cone and drop bucket, Combination. M. J. Sowell. 2,353,792; July 18.
Density determining device. R. Bassinger. 2,346,721; Apr. 18.
Dental appliance. H. T. Stewart. 2,354,780; Aug. 1.
Dental bridge lock. F. L. Brecht. 2,339,674; Jan. 18.
Dental chuck. H. L. Hobday and N. G. Brown. 2,347,741; May 2.
Dental device. W. J. Kiff. 2,358,645; Sept. 19.
Dental equipment assemblage. W. P. Uhler. 2,340,715; Feb. 1.
Dental flask. F. T. Baldwin. 2,350,864; June 6.
Dental floss holder. S. H. Geffner. 2,354,454; July 25.
Dental hand piece. E. R. Pertics. 2,363,141; Nov. 21.
Dental implant. E. J. Kresse. 2,347,567; Apr. 25.
Dental impression compound. C. V. Gross. 2,345,255; Mar. 28.
Dental instrument. H. R. Berger. 2,349,607; May 23.
Dental instrument for boring, grinding and like operations. K. A. S. Karlstrom. 2,338,437; Jan. 4.
Dental matrix retainer. J. D. Morrison. 2,353,747; July 18.
Dental mounting device. I. Klein. 2,365,475; Dec. 19.
Dental operations, Method of and apparatus for performing. J. L. Gothers. 2,347,553; Apr. 25.
Dental syringe. R. E. Bruckner. 2,354,649; Aug. 1.
Dental tool. G. H. Droegkamp. 2,344,605; Mar. 21.
Dental unit. M. Ebbers, A. Helbig, and H. Mewes. 2,351,943; June 20.
Dentifrice base. H. V. Moss and T. W. Schilb. 2,359,326; Oct. 3.
Denture clamp. C. Haller. 2,348,471; May 9.
Denture, Partial removable. H. M. Smallen. 2,347,340; Apr. 25.
Denture repairing device. A. B. Cline. 2,356,447; Aug. 22.
Dentures, Forming artificial. J. F. Nelson and H. G. Nauss. 2,358,730; Sept. 19.
Dentures, Impression tray and making. S. Myerson. 2,341,155; Feb. 8.
Dentures, Making artificial. E. J. Cayo. 2,348,606; May 9.
Deodorant and moth preventing cake. M. Beibin. 2,349,402; May 23.
Deodorant holder. H. J. Brownstein. 2,352,075; June 20.
Deodorizer, Dairy product. F. G. Cornell, Jr. 2,343,886; Mar. 14.
Depilatory. R. L. Evans and E. G. McDonough. 2,352,524; June 27.
Depolymerising polystyrene. J. C. Frank, J. L. Amos, and A. F. Straubel. 2,359,212; Sept. 26.
Deposit-ticket device, Banking. P. E. Shields. 2,362,101; Nov. 7.
Depositing apparatus. E. Clark. 2,354,796; Aug. 1.
Deposition form and making the same. C. L. Beal. 2,344,960; Mar. 28.
Deposits by spraying, Forming. W. MacWilliam. 2,355,225; Aug. 8.
Depth and taper gauge. A. Ogren. 2,349,879; May 30.
Depth gauge. A. B. Cravath. 2,359,511; Oct. 3.
Depth of field indicator for cameras. D. L. Babcock and F. J. Frisby. 2,350,009; May 30.
Derivative of tropic acid amide. W. Wenner. 2,347,722; May 2.
Derivatives of acid sludges, Preparing. J. C. Showalter and M. Wiggen. 2,354,554; July 25.
Derivatives of ascorbic acid. P. A. Wells and D. Swern. 2,350,435; June 6.
Derivatives of blown fatty amides. G. D. Davis and W. L. Abramowitz. 2,340,112; Jan. 25.
Derivatives of hydrogenated rosin. W. J. Kirkpatrick. 2,363,252; Nov. 21.
Derivatives of napthosultones and their manufacture. G. Schetty. 2,359,730; Oct. 3.
Derivatives of proteins and alpha amino acids and process, Hydantoinimide. O. Huppert. 2,358,807; Sept. 26.
Derivatives of sapogenins and their preparation. R. E. Marker. 2,339,281; Jan. 18.
Derivatives of the saturated and unsaturated cyclopentanopolyhydrophenanthrene series, Manufacture of. K. Miescher and A. Wettstein. 2,350,792; June 6.
Derivatives of 3.17-diols of the cyclopentanopolyhydrophenanthrene series and for producing the same. A. Butenandt and L. Strassberger. 2,344,965; Mar. 28.
Derivatives of 2,4-oxazolidinedione. R. W. Stoughton. 2,349,313; May 23.
Derivatives of 2,4-oxazolidinedione. R. W. Stoughton. 2,349,795–6; May 23.
Dermatome. J. D. Reese. 2,366,054; Dec. 26.
Derrick construction. T. B. Lewis. 2,347,115; Apr. 18.
Derrick, Drilling. T. Gleason. 2,342,139; Feb. 22.
Derrick, Portable. N. C. Coates. 2,338,317; Jan. 4.
Derrick, Portable. F. A. Funk. 2,345,253; Mar. 28.
Derrick, Portable. J. McEwen and J. P. Selberg. 2,354,922; Aug. 1.
Derrick structure. W. B. Woody and M. G. Scott. 2,358,755; Sept. 19.
Derrick support for underwater drilling. R. L. Carruthers. 2,352,370; June 27.
Deseaming and desurfacing apparatus. J. H. Bucknam. 2,349,902; May 30.
Deseaming apparatus. W. J. Jacobsson. 2,365,411; Dec. 19.
Desiccating sera, biologicals, and other materials, Method and apparatus for. E. W. Flosdorf and F. J. Stokes. 2,345,548; Mar. 28.
Desiccator, High-frequency. A. Christie. 2,360,108; Oct. 10.
Desk and fan combination. W. A. Spear. 2,341,125; Feb. 8.
Desk and table, Combined. M. K. Cooper. 2,354,106; July 18.
Desk lamp. C. L. Dewey. 2,340,310; Feb. 1.
Desk, Typewriter. W. J. Bargen. 2,362,377; Nov. 14.
Desk, Typewriter. J. B. Graff. 2,345,254; Mar. 28.
Destructible form. L. L. Greneker. 2,343,292; Mar. 7.
Destructible form. L. L. Greneker. 2,364,710; Dec. 12.
Desuperheater. P. Spence. 2,354,842; Aug. 1.
Desuperheating valve. H. J. Mastenbrook. 2,355,458; Aug. 8.
Detachable coupling. J. E. Clickner. 2,360,761; Oct. 17.
Detachable drill bits from drill rods, Removing. E. and R. Craig. 2,343,445; Mar. 7.
Detachable gun mount. H. K. Growald. 2,348,470; May 9.
Detachable hose coupling. I. Cowles. 2,365,747; Dec. 26.
Detachable plug. C. S. Stebbins. 2,362,675; Nov. 14.
Detachable power unit using solid fuel for bicycles. W. H. Trippe. 2,358,671; Sept. 19.
Detachable spool mounting. T. O. Mehan. 2,352,279; June 27.
Detaching machine for rope fabric. H. R. Swett. 2,343,267; Mar. 7.
Detecting oil in well drilling. J. T. Hayward. 2,342,273; Feb. 22.
Detection of submarines by airplanes, Method and apparatus for the. C. Chilowsky. 2,361,177; Oct. 24.
Detection seal. A. J. Komenak. 2,356,856; Aug. 29.
Detector, Beam phase. M. G. Crosby. 2,344,679; Mar. 21.
Detector, Broken wire. S. Federico. 2,349,855; May 30.
Detector, Bulged can. H. M. Braucher. 2,355,051; Aug. 8.
Detector, Coin. F. H. Vegel. 2,339,823; Jan. 25.
Detector, Fire. A. J. Gardenhour. 2,354,111; July 18.
Detector for axminster selvage shuttles. W. Y. Robb. 2,364,615; July 25.
Detector for knitting machines, Press-off and hole. E. Vossen and N. J. Tellerman. 2,357,712; Sept. 5.
Detector for knitting machines, Press-off and lump. E. Vossen. 2,362,783; Nov. 14.
Detector for vibratory column cigarette feeds. U. A. Whitaker. 2,340,914; Feb. 8.
Detector, Sediment. G. G. Roesch. 2,345,290; Mar. 28.
Detector, Vibration. D. S. Muzzey, Jr. 2,353,920; July 18.
Detergent and production. W. F. Carson, Jr. 2,362,882; Nov. 14.
Detergent and wetting compositions. C. O. Wenke. 2,366,027; Dec. 26.
Detergent composition. J. C. Rhodes. 2,365,215; Dec. 19.
Detergent composition. E. Schubert and H. Pierer. 2,352,021; June 20.
Detergent composition. H. Seyferth. 2,347,336; Apr. 25.
Detergent composition. E. A. Vitalis. 2,345,307; Mar. 28.
Detergent composition. P. T. Zizinia and T. L. McKenna. 2,364,767; Dec. 12.
Detergent composition and method. H. H. Hull and L. Shere. 2,360,135; Oct. 10.

Detergent composition for beverage containers, Foam-suppressing. E. F. Hill. 2,359,913; Oct. 10.
Detergent composition, Sodium silicate. P. W. Soderberg. 2,345,776; Apr. 4.
Detergent compositions. J. S. Reichert, S. A. McNeight, and A. A. Elston. 2,362,401; Nov. 7.
Detergents. E. W. Gluesenkamp and M. Kosmin. 2,359,291; Oct. 3.
Detergents and related compositions, Manufacture of. L. H. Flett. 2,340,654: Feb. 1.
Detergents in bar form, Soap-free. R. C. Wood. 2,356,903; Aug. 29.
Detergents, Preparation of. G. B. Bradshaw and W. C. Mealy. 2,360,844; Oct. 24.
Determination of tin in cast iron and steel. E. T. Saxer and R. E. Minto. 2,357,429; Sept. 5.
Determining moisture in materials. A. R. Olpin. 2,342,453; Feb. 22.
Determining permeability. J. A. Lewis. 2,348,985; May 16.
Determining the breaking time of stratus and fog. N. C. Stone. 2,360,082; Oct. 10.
Detonator. G. A. Lyte. 2,360,698; Oct. 17.
Detonator combination. G. B. Young. 2,347,866; May 2.
Detoxicant. G. J. Martin and M. R. Thompson. 2,342,579; Feb. 29.
Detoxicant. G. J. Martin and M. R. Thompson. 2,363,541; Nov. 28.
Developer. R. H. Fullerton. 2,342,394; Feb. 22.
Developer, Film. J. Boisey. 2,359,611; Oct. 3.
Developer, Shear. J. F. Seiler. 2,364,481; Dec. 5.
Developing electron beams, Method and apparatus for. H. A. Iams. 2,348,133; May 2.
Developing process. J. Rzymkowski. 2,356,536; Aug. 22.
Developing tank. H. F. Stiffler. 2,354,225; July 25.
Device for absorbing shocks, especially for parachutes. R. Tasty. 2,352,036; June 20.
Device for analyzing perforated data appearing in adjacent fields of record media. W. J. A. Bailey. 2,344,585; Mar. 21.
Device for analyzing surface defects. F. Dieffenbach. 2,343,891; Mar. 14.
Device for applying hair pins to curls or waves. G. Rossi. 2,345,157; Mar. 28.
Device for ascertaining the output or input of reciprocating engines. M. F. Reijnst. 2,349,560; May 23.
Device for automatically compensating effect of centrifugal forces on vehicles. H. F. Rost and K. J. Lindblom. 2,353,503; July 11.
Device for automatically inserting and adjusting sheets of paper in typing or printing machines. W. Kniehahn, H. D. Geiser, H. Schüller, R. Gerth, and R. Witt. 2,350,773; June 6.
Device for centering shafts, drills, or the like. C. L. Wilson. 2,365,986; Dec. 26.
Device for clamping metal bars or strips. M. J. Philippsen. 2,338,256; Jan. 4.
Device for cleaning and drying roller stipplers. M. Ashpes. 2,344,017; Mar. 14.
Device for collecting electric current. J. T. Serduke. 2,345,435; Apr. 4.
Device for combustion of solid fuel. S. G. Dalén. 2,341,950; Feb. 15.
Device for compensating the temperature of systems for distant measurement of the number of revolutions. A. Keller. 2,347,563; Apr. 25.
Device for control of current impulses. J. B. Welch. 2,363,714; Nov. 28.
Device for controlling multiple shutter. J. Malczewski. 2,338,449; Jan. 4.
Device for controlling power circuits. F. Kesselring and W. Puttfarcken. 2,359,563; Oct. 3.
Device for controlling power circuits. W. Puttfarcken. 2,347,612; Apr. 25.
Device for controlling precessional forces in gyroscopes. A. Krüssmann. 2,349,287; May 23.
Device for converting a controlling impulse into an alternating current impulse. A. Krüssmann. 2,350,776; June 6.
Device for converting variations of a mechanical quantity into variations of an electric voltage. P. H. Dijksterhuis. 2,348,245; May 9.
Device for covering electric wires. F. Klute and H. Heerint. 2,350,772; June 6.
Device for cutting screw threads. E. Baerwalde. 2,360,387; Oct. 17.
Device for cutting threads sidewise with automatically withdrawing tool. F. Malagrino. 2,338,951; Jan. 11.
Device for determining angles. H. J. Lovenston. 2,351,773; June 20.
Device for determining shrinkage in garments. B. S. Pollock. 2,341,880; Feb. 15.
Device for determining the epinasty response of plants. P. W. Rohrbaugh. 2,358,881; Sept. 26.
Device for dislodging valve assemblies of internal-combustion engines. A. J. Taylor. 2,365,023; Dec. 12.
Device for dispensing articles from chutes. L. Steiner. 2,359,197; Oct. 3.
Device for dispensing molded compositions. H. E. Moxley. 2,347,960; May 2.
Device for dispensing pastelike commodities. J. M. Shaw. 2,342,276; Feb. 29.
Device for dispensing strip material. A. S. Pinckney. 2,352,445; June 27.
Device for dowelling transverse joints of concrete road pavements. A. Musall. 2,349,983; May 30.
Device for drawing goods from flat knitting machines. F. Flimig. 2,350,885; June 6.
Device for electrically contacting traveling welding rods. J. S. Sohn. 2,366,068; Dec. 26.
Device for extracting coffee and/or tea. D. Perlusz and E. Balázs. 2,345,146; Mar. 28.
Device for feeding liquids to centrifugal separators. G. W. Ruda and S. H. B. Zachariassen. 2,360,281; Oct. 10.
Device for feeding web material. J. B. Kohler. 2,342,203; Feb. 22.
Device for filing documents. R. A. E. Guichard. 2,350,754; June 6.
Device for filling and emptying cartridge belts. V. Holek and J. Ondříček. 2,364,530; Dec. 5.
Device for functional tests of organs of living bodies. L. Rósa and I. Zakariás. 2,352,011; June 20.
Device for grinding straight edges on planer cutter blades. H. E. Sjöstrand. 2,347,800; May 2.
Device for handling incendiary bombs. F. J. Wyscaver. 2,350,207; May 30.
Device for holding shank buttons. J. Brussell. 2,360,471; Oct. 17.
Device for impelling and propelling fluid or gas or the like. L. E. Baker. 2,361,676; Oct. 31.
Device for indicating contaminations in oil circulation systems. W. Schrader. 2,349,992; May 30.
Device for inflating balloons and the like. A. W. Carlson. 2,343,276; Mar. 7.
Device for inserting and removing fluorescent lighting tubes. J. D. Diver. 2,360,657; Oct. 17.
Device for installing and removing lamp tubes. L. B. Quick. 2,349,988; May 30.
Device for interrupting overloads. F. Kesselring. 2,338,946; Jan. 11.
Device for lifting weights. M. H. L. Jacobsen. 2,358,577; Sept. 19.
Device for light effects for imitating falling snow and the like. G. Weiss. 2,356,191; Aug. 22.
Device for loading explosives in wells. W. P. Blair and W. A. Schillinger. 2,365,798; Dec. 26.
Device for locating celestial bodies. J. L. Speert. 2,350,374; June 6.
Device for locking nuts or like threaded members on bolt shanks. F. W. Berry. 2,361,814; Oct. 31.
Device for lowering loads. P. J.-M. T. Allard. 2,359,073; Sept. 26.
Device for machining ends of articles. W. Melin. 2,352,489; June 27.
Device for making exposures on lenticular films. A. H. J. de L. Saint Genies. 2,352,864; July 4.
Device for manufacturing CO_2-butter from cream and milk. J. Senn. 2,351,458; June 13.
Device for manufacturing pressed articles. A. Suchann. 2,342,769; Feb. 29.
Device for marking powder lines. W. H. Barger. 2,362,234; Nov. 7.
Device for measurement of color changes and reactions. R. H. Kienle, R. H. Park, C. H. Benbrook, and E. F. Grieb. 2,359,736; Oct. 10.
Device for measurement of stereoscopic vision. C. F. Shepard. 2,362,588; Nov. 14.
Device for measurement of thrust and torque in propeller shafts. B. F. Langer and H. C. Werner. 2,359,125; Sept. 26.
Device for measuring extremely small angles. H. B. Maris. 2,347,702; May 2.
Device for measuring liquid levels in container. H. O. Parsons. 2,356,347; Aug. 22.
Device for measuring thickness of objects. B. R. Koenig. 2,351,770; June 20.
Device for measuring time intervals. R. Pellaton. 2,361,563; Oct. 31.
Device for measuring viscosity of liquids. S. Siegel. 2,340,992; Feb. 8.
Device for mechanical recording. A. Cramwinckel and C. J. Dippel. 2,353,547; July 11.
Device for moving aircraft. Le R. S. Jessen. 2,348,741; May 16.
Device for navigating ships in locks. H. Breitwieser. 2,351,917; June 20.
Device for obtaining directional force from rotary motion. A. C. Nowlin. 2,350,248; May 30.
Device for opening lids hinged to boxes. G. Orström. 2,359,576; Oct. 3.
Device for oscillographing electrical or mechanical processes. C. Dorsman, M. F. Reynst, and R. Veldhuizen. 2,344,344; Mar. 14.
Device for overcoming effects of shocks. H. K. Kouyoumjian. 2,353,406; July 11.
Device for packaging hams or the like. J. Opie. 2,348,144; May 2.
Device for pedaling by two persons especially adaptable to bicycles. G. H. and A. H. Raba. 2,361,709; Oct. 31.
Device for physically improving the human body. J. H. Paton. 2,343,204; Feb. 29.
Device for positioning and aligning apertures. W. Daus. 2,348,116; May 2.
Device for practicing and teaching the correct swinging of golf clubs. A. W. Chapman. 2,340,793; Feb. 1.
Device for producing enlarged images. R. S. Hopkins. Re. 22,517; July 18.

Device for producing incisions in rods or tubes. J. Sheptinsky. 2,344,003; Mar. 14.
Device for producing potable water from sea water. T. C. Schenk. 2,342,062; Feb. 15.
Device for projection moving time-indications. M. J. Johnson. 2,362,754; Nov. 14.
Device for protection of municipalities against incendiary bombs and delayed action bombs. M. C. Schwab. 2,351,297; June 13.
Device for reducing torsional oscillations. J. Steiger. 2,347,521; Apr. 25.
Device for removing elements from shafts. A. Reeves. 2,359,877; Oct. 3.
Device for reseating large gate valves. R. P. Norton. 2,360,009; Oct. 10.
Device for resisting movement of the arm and a drill. W. G. Hoelscher. 2,366,110; Dec. 26.
Device for rolling rods of veneer and the like. E. M. Frid. 2,353,957; July 18.
Device for rolling thin rubber articles. F. E. Hahne. 2,346,485; Apr. 11.
Device for sealing bags. P. G. Cook. 2,365,523; Dec. 19.
Device for separating worms and larvae from nut meats. E. Albaugh, Sr. 2,350,332; June 6.
Device for simultaneously tuning oscillatory circuits. J. van der Heem. 2,363,101; Nov. 21.
Device for stacking cases or the like. R. P. Alexander. 2,352,879. July 4, 1944
Device for starting gas turbine motor plants. L. A. Hermitte. 2,365,551; Dec. 19.
Device for steering automotive vehicles. R. A. Smith. 2,347,135; Apr. 18.
Device for sterilising surgical gloves. G. E. Richards. 2,340,206; Jan. 25.
Device for storing and discharging life rafts, boats, or other articles. W. Fraser and J. M. Sloane. 2,350,344; June 6.
Device for storing and transporting goods. W. J. Dillner. 2,360,046; Oct. 10.
Device for stretching metallic strip material. A. C. Harper, Jr. 2,348,539; May 9.
Device for supplying gaseous mixtures to internal combustion engines. J. Poinsignon. 2,352,003; June 20.
Device for taking stereoscopic pictures. C. D. Austin. 2,362,790; Nov. 14.
Device for testing visual acuity. C. F. Shepard. 2,352,500; June 27.
Device for the continuous cleavage of fats, oils, and similar substances. G. P. G. Stalmann. 2,356,628; Aug. 22.
Device for the forming of tobacco rods in cigarette machines. P. J. Herrmann. 2,342,603; Feb. 29.
Device for the manufacture of gas masks. E. J. A. Lejeune. 2,351,981; June 20.
Device for the stereoscopic registration, transmission, and reproduction of sounds. K. de Boer and J. F. Schouten. 2,352,696. July 4, 1944
Device for the suspension of vehicles. J. Vancoppenolle. 2,353,603; July 11.
Device for the three-dimensional representation of buildings and other physical objects. V. Debs. 2,351,931; June 20.
Device for the time control of physical values. F. Sauter. 2,359,160; Sept. 26.
Device for the tires of motor vehicle wheels, Antiskid. N. H. Copp. 2,344,970; Mar. 28.
Device for training infants, Toilet signal. A. Bramhall. 2,361,677; Oct. 31.
Device for transmitting the lateral rotation of guns to predictors. W. C. L. Hauboe. 2,338,431; Jan. 4.
Device for treating storage battery cell covers. O. O. Rieser. 2,342,012; Feb. 15.
Device for turning reverse necktie forms. M. M. Newman. 2,343,020; Feb. 29.
Device for turning the tubular forms of neckties. M. M. Newman. 2,352,115; June 20.
Device for tying thread ends in winding frames or other textile machines. S. Fürst. 2,349,953; May 30.
Device for use as microammeters and potentiometers. J. B. Wilkie. 2,355,406; Aug. 8.
Device for use in musketry and like training. S. Sochaczewski. 2,353,516; July 11.
Device for use in sharpening screw drivers and the like. E. L. Guy. 2,346,300; Apr. 11.
Device for use in tearing sheet material. H. W. Pusheck. 2,349,635; May 23.
Device for varying the stability of marine craft. C. von den Steinen. 2,352,044; June 20.
Device suitable for charging batteries. H. A. W. Klinkhamer and E. Cassee. 2,341,446; Feb. 8.
Device to detect skew in fabric. W. C. Oberkirk. 2,355,465; Aug. 8.
Device to hold radio programs. R. Le Bourgeois. 2,365,089; Dec. 12.
Device to prevent clogging of screens. A. Kardos. 2,356,323; Aug. 22.
Device to regulate the depth of gasoline in the float chambers of carburetors. L. W. Gilbert. 2,340,876; Feb. 8.
Device to serve paper sales tax slips. L. G. Beloud. 2,361,528; Oct. 31.
Dew point and dry bulb temperatures, Determining differences between. G. O. Hainer. 2,349,860; May 30.
Dewatering mineral concentrates, Method and apparatus for. F. Trotter. 2,353,602; July 11.
Dewaxing apparatus. J. F. Thornton. 2,350,944: June 6.
Dewaxing process. J. W. Packie, J. D. Long, and P. W. Cornell. 2,356,346; Aug. 22.
Dextrin from starch, Manufacture of. S. G. Morris. 2,359,378; Oct. 3.
Dextro-pantothenic acid, Manufacture of. A. Grüssner. 2,341,610; Feb. 15.
Dextrose to levulose, Conversion of. S. M. Cantor and K. C. Hobbs. 2,354,664; Aug. 1.
Diacetone composition. S. O. Williams. 2,353,209; July 11.
Diacetone composition, Noncorrosive. S. O. Williams. 2,353,210; July 11.
Diagnostic instrument. W. F. Peck and A. A. Gradisar. 2,365,104; Dec. 12.
Diagnostic reagent and process. M. A. Levy. 2,342,409; Feb. 22.
Dial damper regulator. E. Anderson. 2,345,997; Apr. 4.
Dial damper regulator. E. Anderson. 2,350,441; June 6.
Dial indicator. A. F. Haskins. 2,346,578; Apr. 11.
Dial test indicator. E. J. Wells. 2,345,845; Apr. 4.
Dial with magnetic governor. G. R. Eaton. 2,339,919; Jan. 25.
Dialing instrument, Telephone. F. C. and C. J. Collopy. 2,358,791; Sept. 26.
Dialing system. W. P. Albert. 2,349,129; May 16.
Dialkoxy stilbenes, Producing. E. Rohrmann. 2,346,048–9; Apr. 4.
Dialkyl peroxides, Preparation of. R. H. Wiley. 2,357,298; Sept. 5.
Dialysis. F. K. Daniel. 2,365,457; Dec. 19.
Dialyzing membranes and article so produced, Making. J. Zender. 2,361,000; Oct. 24.
Diamidino-stilbenes, Preparation of. A. J. Ewins and J. N. Ashley. 2,364,200; Dec. 5.
Diamine-carbon disulphide condensation products, Producing film-forming. R. Kern. 2,356,764; Aug. 29.
Diammonium monoalkali ferricyanide. R. B. Barnes and L. P. Moore. 2,350,443; June 6.
Diammonium monoalkali metal ferricyanide, Producing. R. B. Barnes and L. P. Moore. 2,362,183; Nov. 7.
Diamond and cutting the same, Brilliant type. M. Suderov. 2,364,031; Nov. 28.
Diamond tool. J. R. Fortier. 2,346,373; Apr. 11.
Diamond tool. D. R. Hammill and L. Small. 2,353,236; July 11.
Diamonds for drilling, Holding. H. J. Foxon. 2,355,853; Aug. 15.
Diaper. L. W. Alban. 2,347,867; May 2.
Diaper. E. M. Carden. 2,366,002; Dec. 26.
Diaper. A. H. Sonnenberg. 2,358,778; Sept. 26.
Diaper prewasher. L. L. Baker. 2,348,102; May 2.
Diaphragm and forming same. H. Y. Jennings and J. A. Gillen. 2,348,740; May 16.
Diaphragm control mechanism. W. A. Riddell. 2,341,387; Feb. 8.
Diaphragm core blowing apparatus. A. F. Pfeiffer. 2,363,463; Nov. 21.
Diaphragm, Dialyzing. W. Schmid and K. H. Schuh. 2,339,885; Jan. 25.
Diaphragm pump. S. I. Bousman. 2,357,872; Sept. 12.
Diaphragm pump. E. F. Loweke. 2,354,958; Aug. 1.
Diaphragm seal. N. S. Reynolds. 2,338,873; Jan. 11.
Diaphragm screen. C. L. Spafford. 2,345,364; Mar. 28.
Diaphragm switch. G. G. Wiley. 2,362,874; Nov. 14.
Diaphragm valve. O. Jacobsen. 2,342,347; Feb. 22.
Diaphragms for electron optical apparatus. M. von Ardenne. 2,352,043; June 20.
Diarylenethiazyl disulphides, Production of. R. W. Moorhouse. 2,349,599; May 23.
Diastase content of materials, Increasing the. L. M. Christensen. 2,359,356; Oct. 3.
Diazine derivatives. G. F. D'Alelio and J. W. Underwood. 2,339,060; Jan. 11.
Diazine derivatives. G. F. D'Alelio and J. W. Underwood. 2,352,945; June 4.
Diazine derivatives. G. F. D'Alelio and J. W. Underwood. 2,354,505; July 25.
Diazine derivatives. G. F. D'Alelio and J. W. Underwood. 2,361,822; Oct. 31.
Diazinyl carboxy-alkyl sulphides and salts thereof. G. F. D'Alelio and J. W. Underwood. 2,347,992; May 2.
Diazo printing pastes, Stabilized. S. S. Rossander, C. E. Sparks and C. W. Maynard, Jr. 2,357,226; Aug. 29.
Diazonium derivative of phthalocyanine compounds, Stabilized. N. H. Haddock. 2,349,089; May 16.
Diazotype photographic material. W. Vanselow, A. Weissberger, and D. B. Glass. 2,350,843; June 6.
Diazo-type sensitive material, Stabilized. M. K. Reichel. 2,354,088; July 18.
Dibenzyl, Preparing. R. H. Van Schaack, Jr. 2,344,188; Mar. 14.
Dibromdithiocyanoethane as a seed disinfectant. W. Moore. 2,340,137; Jan. 25.
Dicalcium phosphate and ammonium chloride, Production of. E. J. Fox. 2,353,658; July 18.
Dicarbonylic compounds, Making. R. W. McNamee and J. T. Dunn. 2,339,346; Jan. 18.
Dicarbonylic compounds, Making. R. W. McNamee and J. T. Dunn. 2,339,348; Jan. 18.

Dicarbonylic compounds, Making lower. R. W. McNamee and J. T. Dunn. 2,339,282; Jan. 18.
Dicarbonylic compounds, Making lower. R. W. McNamee and J. T. Dunn. 2,339,347; Jan. 18.
Dichlorethane, Manufacture of. J. A. S. Hammond. 2,356,785; Aug. 29.
Dichloromaleonitrile as an insecticide. I. Hechenbleikner. 2,359,266; Sept. 26.
Dichrole image, Self-analyzing. E. H. Land. 2,348,912; May 16.
Dicing machine. W. E. and J. R. Urschel. 2,349,212; May 16.
Di(cyanamides) and their manufacture. H. Dreyfus. 2,349,851; May 30.
Dicyanostilbenes, Preparation of. H. J. Barber. 2,353,434; July 11.
Dicyclopentadiene, Purification of. A. L. Ward. 2,354,895; Aug. 1.
Die: *See*—
Cushion blanking die.
Cutting die.
Extrusion die.
Forming die.
Marking die.
Metal drawing die.
Pulp molding die.
Punch press die.
Wire coating die.
Die. C. M. Brehm. 2,347,808; May 2.
Die. F. W. Livermont. 2,353,253; July 11.
Die. C. J. Welcome. 2,349,920; May 30.
Die assembly. L. G. Freeman, Jr., and C. S. Knight. 2,348,799; May 16.
Die assembly, Extrusion. G. Ritter. 2,363,261; Nov. 21.
Die casting machine. M. O. Held. 2,339,265; Jan. 18.
Die for electrical connectors, Crimping. V. E. Carlson. 2,359,084; Sept. 26.
Die for forging the cutting faces of rock drill bits. S. P. Humphrey. 2,356,520; Aug. 22.
Die for molding flashlight bodies. J. A. Gits. 2,358,857; Sept. 26.
Die for punch presses and the like. H. John. 2,363,596; Nov. 28.
Die-head, Screw. A. E. Heckman. 2,357,739; Sept. 5.
Die retainer. A. O. McCollum. 2,364,733; Dec. 12.
Die roll and making the same. F. Ulrich. 2,352,141; June 20.
Die rolling, Method of and apparatus for. A. C. Ruden. 2,363,553; Nov. 28.
Die set, Self-contained. C. H. Tauser. 2,338,982; Jan. 11.
Die spotting press. H. S. Fullerton. 2,344,692; Mar. 21.
Die structure. E. L. Wildy and A. J. Sands. 2,366,077; Dec. 26.
Die structure for metallic cartridge beam links. K. H. Fernlund, J. O. Hessler and A. E. Hultberg. 2,355,964; Aug. 15.
Die tool. J. A. Broersma. 2,361,595; Oct. 31.
Die wheel. L. C. Hauer. 2,357,797; Sept. 12.
Die working machinery. P. Kratsmafer. 2,352,211; June 27.
Dieing machine. C. F. Sherman and A. E. Caserta. 2,357,557; Sept. 5.
Dies and apparatus therefor, Forming drawing. M. Simons. 2,364,005; Nov. 28.
Dies, Lubrication of. P. R. Kallscher. 2,361,211; Oct. 24.
Dielectric and insulating composition. F. M. Clark. 2,341,761; Feb. 15.
Dielectric and making, Condenser. J. N. Detrick and H. P. Fruth. 2,360,479; Oct. 17.
Dielectric composition. F. M. Clark. 2,358,627–8; Sept. 19.
Dielectric materials and electrical apparatus containing them. B. S. Biggs, S. O. Morgan, and A. H. White. 2,362,428; Nov. 7.
Dielectric materials with high frequency. C. B. Hemming. 2,364,790; Dec. 12.
Dielectric monitor system. J. R. Mortlock, K. J. R. Wilkinson, and G. W. Carter. 2,344,261; Mar. 14.
Dielectric, Solid. F. M. Clark. 2,340,644; Feb. 1.
Diene interpolymers and preparing the same. A. M. Clifford. 2,356,974; Aug. 29.
Dienes, Production of. M. de Simo and R. M. Roberts. 2,339,560; Jan. 18.
Diesel engine. H. E. Petrilli. 2,353,065; July 4.
Diesel engine. B. J. Ruths. 2,343,329; Mar. 7.
Diesel engine control. C. P. Leliter. 2,340,270; Jan. 25.
Di-esters of 3,3'-methylenebis(4-hydroxy-coumarin), and making them. M. A. Stahmann and K. P. Link. 2,344,635; Apr. 4.
Diethers, Cyclic. J. J. Ritter. 2,362,307; Nov. 7.
Diethylstilboestrol, Hydrogenation of. R. T. Major, C. C. Christman, and F. Folkers. 2,350,361; June 6.
Differential. W. M. Fountain. 2,345,252; Mar. 28.
Differential gear. C. H. White. 2,364,411; Dec. 5.
Differential gearing. E. R. Lockwood. 2,354,214; July 25.
Differential, Gearless. C. F. Summy. 2,338,215; Jan. 4.
Differential measuring system. G. Keinath. 2,340,880; Feb. 8.
Differential pressure apparatus, Adjustable variable. T. B. Morse. 2,345,281; Mar. 28.
Differential transmission, Nonequalising. R. R. Randall. 2,342,755; Feb. 29.
Differential valve. O. E. Dempsey. 2,346,666; Apr. 18.
Differential wheel assembly. M. B. Morgan. 2,357,343; Sept. 5.
Diffuser-circulator. G. M. Booth and M. H. Cubberley. 2,352,767; July 4.
Diffuser, Windshield glare. H. H. Himes. 2,350,166; May 30.
Diffusing screen. E. E. Jelley and H. C. Staehle. 2,364,389; Dec. 5.
Diffusion apparatus. C. A. Phipps. 2,354,609; July 25.
Difluoralkane. M. W. Renoll. 2,364,618; Dec. 12.
Digger. A. E. W. Johnson and L. H. Kaupke. 2,351,518; June 13.
Digger, Potato. J. F. Coyle. 2,345,241; Mar. 28.
Digger tooth construction. L. E. Younie. 2,339,128; Jan. 11.
Digger, Trench. M. Proctor and W. R. Proctor. 2,364,657; Dec. 12.
Digging and loading machine. E. Shinn, Jr. 2,338,361; Jan. 4.
Digging attachment for tractors or the like. T. K. Andersen. 2,365,164; Dec. 19.
Dihydric alcohol modified melamine formaldehyde condensation products and producing same. T. S. Hodgins, P. S. Hewett, and A. G. Hovey. 2,358,276; Sept. 12
Dihydrodiethylstilbestrol and related compounds, Preparing. W. Braker and E. Pribyl. 2,359,019; Sept. 26.
Dihydro mucononitrile and product, Preparation of. O. W. Cass and A. O. Rogers. 2,342,101; Feb. 22.
Dihydropyran, Preparation of. J. G. M. Bremner and D. McNeil. 2,365,623; Dec. 19.
Dihydroxy-acetone-diether and its manufacture. A. Grün. 2,349,348; May 23.
Dihydroxy halogenated diphenyl methanes and making same. W. S. Gump. 2,353,725; July 18.
Dihydroxy halogenated diphenyl methanese and making same. W. S. Gump. 2,354,012–13; July 18.
Dihydroxy-monoarylaminoanthraquinones and preparing them. A. J. Wuerts and D. X. Klein. 2,341,891; Feb. 15.
Diketopyrimidine couplers. W. D. Peterson. 2,350,812; June 6.
Dilatometer, Direct-reading recording. W. E. Kingston. 2,351,572; June 13.
Dilution valve. M. M. Culver. 2,366,006; Dec. 26.
Dimpling machine with ejector for broken pins. H. R. Fischer. 2,353,451; July 11.
Dimpling operations, Means for effecting. R. C. Turtle. 2,359,696; Oct. 3.
Dimpling tool. H. R. Fischer. 2,353,450; July 11.
Dimpling tool. J. G. Hurst. 2,344,944; Mar. 28.
Dinitrotoluene, Manufacture of. W. D. C. Crater. 2,362,743; Nov. 14.
Dioleïn, Concentrating. F. E. Frey and R. D. Snow. 2,356,840; Aug. 29.
Diolefines, Manufacture of. R. F. Ruthruff. 2,343,712; Mar. 7.
Diolefinic hydrocarbons, Production of. V. N. Ipatieff. 2,345,751; Apr. 4.
Diolefins, Isomerization of conjugated. D. Craig. 2,347,667; May 2.
Diolefins, Preparation. J. G. Lichty. 2,343,830; Mar. 7.
Diolefins, Preparing. E. Arundale and L. A. Mikeska. 2,350,485; June 6.
Diolefins, Producing. W. Friedrichsen. 2,361,539; Oct. 31.
Dioxanes, Substituted. H. C. Chitwood. 2,361,456; Oct. 31.
Dioxazine coloring matters and preparing the same. F. Zwilgmeyer. 2,355,497; Aug. 8.
Dioxazine-type dyestuffs and preparing the same. F. Zwilgmeyer. 2,355,496; Aug. 8.
Dioxolanes, Preparation of. L. Squires. 2,350,940; June 6.
Diphenyl compounds. W. H. von Glahn and B. W. Rottschaefer. 2,363,819; Nov. 28.
Diphenyl compounds, Production of chlorinated. R. L. Jenkins. 2,354,813; Aug. 1.
Diphenyl sulphones and making the same, Substituted p-p'-diamino. R. Tschesche and K. Böhle. 2,354,784; Aug. 1.
Dipotassium monosodium ferricyanide, Producing. G. H. Foster and L. L. Lento, Jr. 2,342,103; Feb. 22.
Dipped rubber articles, Making. N. E. Tillotson. 2,359,948; Oct. 10.
Dipper, Snuff. F. B. Chesser. 2,348,057; May 2.
Dipping mechanism. J. V. Davis. 2,350,496; June 6.
Dip-stick gauge. H. M. Bickle. 2,343,168; Feb. 29.
Direct current amplifier stage. N. P. Case. 2,343,745; Mar. 7.
Direct current electromagnet, Residually maintained. K. K. Stong. 2,344,654; Mar. 21.
Direct-current instrument, Quick response. T. A. Rich. 2,356,617; Aug. 22.
Direct-current motor. C. A. Atwell. 2,354,097; July 18.
Direct current restoring apparatus. J. W. Conklin. 2,346,557; Apr. 11.

Direct drive electric power tool. W. E. Raney. 2,355,558; Aug. 8.
Direction aiming device for automobiles, ships, and other moving vehicles. G. A. Rublesow. 2,360,368; Oct. 17.
Direction finding apparatus. G. V. Eltgroth. 2,356,922; Aug. 29.
Direction indicator. H. M. Leonard. 2,343,778; Mar. 7.
Direction indicator switch. B. J. Yanchenko. 2,340,356; Feb. 1.
Direction signal. P. P. Gutierrez and J. H. Gartner. 2,342,935; Feb. 29.
Direction signal. H. Watkiss. 2,338,748; Jan. 11.
Direction signal device. H. C. Doane. 2,339,687; Jan. 18.
Direction signal switch. J. E. Eshbaugh. 2,362,689; Nov. 14.
Direction signaling system. R. H. Hill. 2,339,698; Jan. 18.
Directional apparatus. J. Lyman and E. Norden. 2,346,693; Apr. 18.
Directional control centrifugal blasting machine. W. A. Rosenberger and W. L. Keefer. 2,352,588; June 27.
Directional radio beam for blind landings. C.-E. Granqvist. 2,347,190; Apr. 25.
Directional signal switch. J. E. Eshbaugh and C. W. McKinley. 2,344,685; Mar. 21.
Directive antenna system. A. D. Martin, Jr. 2,364,084; Dec. 5.
Dirt scraper. G. E. Daniels. 2,340,583; Feb. 1.
Dirt scraping apparatus. G. E. Daniels. 2,363,402; Nov. 21.
Disazo dyes developed on the fiber. H. C. Olpin and J. Wright. 2,343,995; Mar. 14.
Disc elements for gate valves, Making. J. C. Sandilands. 2,359,442; Oct. 3.
Disc materials, Manufacture of abrasive. R. L. Melton and R. C. Benner. 2,356,866; Aug. 29.
Discharge and pickup apparatus for traveling toy railway cars. R. G. Smith. 2,356,895; Aug. 29.
Discharge device. D. E. Marshall and W. J. Knochel. 2,339,499; Jan. 18.
Discharge device, Electric. A. W. Hull. 2,363,865; Nov. 28.
Discharge device, Electron. F. Gray. 2,351,757; June 20.
Discharge devices, Manufacture and processing of. E. B. Noel. 2,353,783; July 18.
Discharge electrode structure for electrical precipitation apparatus. F. W. Phillips. 2,362,716; Nov. 14.
Discharge lamp apparatus. J. Cates, H. G. Jenkins, and G. H. Noble. 2,339,061; Jan. 11.
Discharge lamp starting circuit. G. A. Freeman. 2,351,499; June 13.
Discharge outlet for railway cars and the like. G. B. Dorey. 2,340,519; Feb. 1.
Discharge table. F. R. Eddy and R. D. Huffington. 2,360,661; Oct. 17.
Discharge valve. R. L. Cawood. 2,343,134; Feb. 29.
Disconnect plug receptacle. R. I. Markey. 2,357,216; Aug. 29.
Disconnector switch. M. Lee and I. F. Matthysse. 2,347,696; May 2.
Diseases of plants, Process and products for overcoming the cryptogamic. H. Bernat. 2,356,299; Aug. 22.
Disengageable connection. B. Barenyi. 2,340,503; Feb. 1.
Dish and cover plate, Combined glass. L. Poglein. 2,342,486; Feb. 22.
Dish, Soap. M. Schuider. 2,359,797; Oct. 10.
Dishwasher. F. J. E. Karlstrom. 2,351,342; June 13.
Dishwasher. G. A. Vandercook. 2,365,367; Dec. 19.
Dishwashing machine. G. K. Ballentine. 2,342,995; Feb. 29.
Dishwashing machine. L. A. Loeb. 2,342,742; Feb. 29.
Disinfectant compounds. M. Hunt, J. E. Kirby, and J. F. Lontz. 2,364,075; Dec. 5.
Disinfectants and pest exterminating agents, Production of. W. K. Rosenmund. 2,341,657; Feb. 15.
Disinfecting product and process for its manufacture and application. B. Carnaub. 2,351,924; June 20.
Disintegratorlike device. M. Aurig. 2,338,373; Jan. 4.
Disk brake. C. E. Tack. 2,354,977; Aug. 1.
Disk brake construction. G. K. Newell. 2,354,604; July 25.
Disk harrow. R. T. Evans and J. H. Clasen. 2,349,257; May 23.
Disk harrow. C. B. Newkirk. 2,356,876; Aug. 29.
Disk harrow. C. H. White. 2,338,698; Jan. 11.
Disk harrow. C. H. White. 2,339,124; Jan. 11.
Disk plow. A. E. Rutter. 2,351,360; June 13.
Disk, Rotary cutting. C. F. Zipper. 2,363,769; Nov. 28.
Disk shaft lock, Multiple. S. T. Smith. 2,347,292; Apr.
Disk-type fluorescent lamp. J. W. Marden and G. Meister. 2,349,360; May 23.
Disk valve connections. W. C. Zachow. 2,340,499; Feb. 1.
Disk wheels, Making. W. S. Brink. 2,354,439; July 25.
Disodium phosphate, Purifying. A. C. Ditzel. 2,349,943; May 30.
Dispatching mechanism for alarm signal systems. F. F. Humphreys. 2,350,557; June 6.
Dispenser: *See*—
Adhesive tape dispenser.
Advertising dispenser.
Cigarette and match dispenser.
Collapsible tube dispenser.
Combination dispenser.
Cream dispenser.
Cream and paste dispenser.
Electric shortening dispenser.
Hairpin dispenser.
Holder and dispenser.
Insecticide dispenser.
Liquid dispenser.
Measuring dispenser.
Milk bottle cream dispenser.
Napkin dispenser.
Paste dispenser.
Plastic material dispenser.
Portable fuel dispenser.
Powder dispenser.
Soap chip dispenser.
Soap dispenser.
Tape and label dispenser.
Tape dispenser.
Tobacco dispenser.
Vermin poison dispenser.
Web dispenser.
Dispenser. P. C. P. Booty. 2,359,613; Oct. 3.
Dispenser. C. E. and J. C. Fruin. 2,351,751; June 20.
Dispenser. H. B. Grace. 2,348,468; May 9.
Dispenser. V. G. Klein. 2,361,126; Oct. 24.
Dispenser. E. M. Lauer. 2,362,835; Nov. 14.
Dispenser. G. S. Light. 2,361,111; Oct. 24.
Dispenser. R. E. Manley. 2,344,556; Mar. 21.
Dispenser. G. H. Packwood, Jr. 2,360,970; Oct. 24.
Dispenser. K. Waring. 2,361,580; Oct. 31.
Dispenser and applier, Adhesive tape. A. A. Anderson. 2,363,277; Nov. 21.
Dispenser and applier, Gummed tape. L. L. Salfisberg. Re. 22,418; Jan. 11.
Dispenser control. R. A. Nicholson. 2,352,858; July 4.
Dispenser for extrusile substances. G. J. Holler. 2,349,726; May 23.
Dispenser for liquids. O. M. Faszekas. 2,356,755; Aug. 29.
Dispenser for marbles and the like. J. F. Barnes. 2,365,511; Dec. 19.
Dispenser for rolls of strandlike materials. C. E. Mueller. 2,359,871; Oct. 10.
Dispenser for sheet material. C. A. Flood. 2,341,368; Feb. 8.
Dispensing and tabulating machine. J. W. Armbruster. 2,353,002; July 4.
Dispensing and vending machine. M. S. Runsvold and H. G. Sloane. 2,348,927; May 16.
Dispensing apparatus. G. J. Bohlman. 2,351,393; June 13.
Dispensing apparatus. J. H. Brewer and H. E. Taylor. 2,339,908; Jan. 25.
Dispensing apparatus. E. E. Eickmeyer and A. G. Horvath. 2,342,333; Feb. 22.
Dispensing apparatus. A. J. Lau and R. Donath. 2,363,340; Nov. 21.
Dispensing apparatus. F. L. MacNeill. 2,364,231; Dec. 5.
Dispensing apparatus. S. D. Polsen and S. H. Nelson. 2,354,348; July 25.
Dispensing apparatus. R. F. Sickles. 2,358,742; Sept. 19.
Dispensing apparatus. G. Smith. 2,363,155; Nov. 21.
Dispensing apparatus. J. R. Sonneborn and L. H. Lange. 2,350,836; June 6.
Dispensing apparatus and method, Fuel gas. A. J. Kercher. 2,348,546; May 9.
Dispensing apparatus and moistener, and delivery means therefor, Dry-gummed tape. R. W. Holtt. 2,348,067; May 2.
Dispensing apparatus and preselecting mechanism therefor, Liquid. S. Hinds. 2,358,712; Sept. 19.
Dispensing apparatus, Liquid. R. R. Brightwell. 2,361,818; Oct. 31.
Dispensing apparatus, Liquid. W. H. De Lancey. 2,358,629; Sept. 19.
Dispensing apparatus, Liquid. A. L. Grisé. 2,364,138; Dec. 5.
Dispensing apparatus, Liquid. S. Hinds. 2,358,771; Sept. 19.
Dispensing arrangement. J. L. Hipple, F. L. Dewey, and B. F. Burnett. 2,351,511; June 13.
Dispensing attachment for tractors. B. F. Burnett. 2,361,083; Oct. 24.
Dispensing cabinet. J. V. Casteen. 2,342,452; Feb. 22.
Dispensing capsule. K. Court. 2,365,524; Dec. 19.
Dispensing carton. B. J. Davidson. 2,339,383; Jan. 18.
Dispensing carton. B. J. Davidson. 2,360,785; Oct. 17.
Dispensing carton. J. C. Peurring. 2,342,968; Feb. 29.
Dispensing container. H. L. Apfelbaum. 2,352,066; June 20.
Dispensing container. W. A. Becker. 2,349,605; May 23.
Dispensing container. P. S. Bixler. 2,360,543; Oct. 17.
Dispensing container. S. Blackman. 2,362,609; Nov. 14.
Dispensing container. D. Davis. 2,339,156; Jan. 11.
Dispensing container. E. B. Duell. 2,353,819; July 18.
Dispensing container. C. H. Duell. 2,359,832; Oct. 10.
Dispensing container. L. Frank. 2,353,132; July 11.
Dispensing container. F. C. Gluck and R. C. McCaskey. 2,353,456; July 11.
Dispensing container. R. F. Nageotte. 2,356,874; Aug. 29.
Dispensing container. J. Okies. 2,353,355; July 11.
Dispensing container. C. F. Proudman and F. C. Walters. 2,356,179; Aug. 22.
Dispensing container. S. S. Rosen. 2,363,148; Nov. 21.

Dispensing container or carton. E. W. Kirkland and H. E. Otto. 2,342,081; Feb. 15.
Dispensing container or carton. E. W. Kirkland and H. E. Otto. 2,346,134; Apr. 11.
Dispensing container or carton. H. E. Otto. 2,349,748; May 23.
Dispensing device. S. T. Bonilla. 2,361,594; Oct. 31.
Dispensing device. L. Hedström. 2,360,418; Oct. 17.
Dispensing device. P. Hutchinson. 2,351,514; June 13.
Dispensing device. A. M. Martin. 2,362,080; Nov. 7.
Dispensing device. F. Miller. 2,348,402; May 9.
Dispensing device. J. Scheppa. 2,341,950; Feb. 15.
Dispensing device. C. Stern. 2,340,625; Feb. 1.
Dispensing device. C. A. Stone. 2,361,663; Oct. 31.
Dispensing device. H. F. Waters and F. S. Cornell. 2,339,695; Jan. 25.
Dispensing device, Adhesive tape. P. S. Madsen. 2,364,461; Dec. 5.
Dispensing device, Automatic liquid. D. Gilmore. 2,361,837; Oct. 31.
Dispensing device for beverages. J. K. Lund. 2,349,441; May 23.
Dispensing device for pastes, creams, etc. L. Finkelstein. 2,349,714; May 23.
Dispensing device, Liquid. F. B. Ellers. 2,340,871; Feb. 8.
Dispensing discrete quantities of corn syrup. P. H. Stambaugh. 2,357,270; Aug. 29.
Dispensing machine. J. P. Koehler, Jr. 2,363,426; Nov. 21.
Dispensing machine. C. C. Kuhl. 2,360,241; Oct. 10.
Dispensing machine. E. H. Sargent and A. G. Alex. 2,345,074; Mar. 28.
Dispensing machine. I. H. Wilsey. 2,359,182–3; Sept. 26.
Dispensing mechanism. H. F. Hagemeyer. 2,351,505–6; June 13.
Dispensing mechanism. R. O. Manspeaker. 2,348,400; May 9.
Dispensing mechanism, Coin controlled. F. T. Rabens. 2,343,078; Mar. 7.
Dispensing nozzle signal. F. E. Neef, Jr. 2,353,181; July 11.
Dispensing package. B. T. Hoffmaster and G. E. Wauda. 2,346,488; Apr. 11.
Dispensing package. J. G. Turek. 2,359,337; Oct. 3.
Dispensing receptacle. E. H. Fabrice. 2,345,737; Apr. 4.
Dispersible compositions. J. W. Lang. 2,365,479; Dec. 19.
Dispersions, Method and apparatus for preparing. D. G. Brandt and S. J. Wynn. 2,363,937; Nov. 28.
Dispersions of oil and water, Process and apparatus for separating. L. C. Waterman. 2,338,986; Jan. 11.
Displacement pickup. J. J. Neff. 2,361,788; Oct. 31.
Display. W. M. and M. C. Gardner. 2,348,250; May 9.
Display and advertising sign. F. Wirtz. 2,365,034; Dec. 12.
Display and dispensing cabinet, Spark plug. P. R. Mena. 2,360,073; Oct. 17.
Display and dispensing stand. M. C. Meyer. 2,363,542; Nov. 28.
Display and shipping device, Combined. S. G. Silberstein. 2,340,148; Jan. 25.
Display apparatus. A. Carpenter and H. R. Cook, Jr. 2,340,663; Feb. 8.
Display apparatus. J. B. Contner. 2,346,472; Apr. 11.
Display board, container, and pad, Combination. S. Weissman. 2,351,378; June 13.
Display box. P. P. Smith. 2,341,955; Feb. 15.
Display box. S. Quartin. 2,342,894; Feb. 29.
Display cabinet. T. V. Atkins. 2,361,346; Oct. 24.
Display cabinet. F. W. Edwards. 2,346,368; Apr. 11.
Display cabinet. O. Thor. 2,347,139; Apr. 18.
Display canopy, Casket. C. W. Arnold and O. J. Hinger. 2,342,070; Feb. 15.
Display card, Artificial tooth. H. J. Rothman. 2,363,997; Nov. 28.
Display card holder. M. A. Obrist. 2,340,421; Feb. 1.
Display case and light source therefor, Combined. P. M. Kessinger. 2,362,095; Nov. 7.
Display case, Illuminated. P. H. James. 2,355,731; Aug. 15.
Display container. P. Roberts and J. W. White. 2,339,112; Jan. 11.
Display device. L. Brown. 2,342,118; Feb. 22.
Display device. O. Brunner. 2,354,102; July 18.
Display device. S. I. and M. M. Burd. 2,362,800; Nov. 14.
Display device. A. B. Collins. 2,349,706; May 23.
Display device. E. W. Ericson and R. E. Brauer. 2,352,087; June 20.
Display device. D. H. King. 2,363,186; Nov. 21.
Display device. N. E. Lauterbach. 2,351,822; June 20.
Display device. F. and E. Parr. 2,364,999; Dec. 12.
Display device. C. J. Quill. 2,362,157; Nov. 7.
Display device. P. M. Ressinger. 2,360,014; Oct. 10.
Display device. M. M. Teuber. 2,351,238; June 13.
Display device. E. Wagner and G. Auer. 2,341,964; Feb. 15.
Display device, Advertising. H. H. Hall. 2,364,786; Dec. 12.
Display device and holder for price tags and advertising cards. G. H. Hosmer. 2,363,418; Nov. 21.
Display device for educational purposes, Illuminated. E. G. Dudley. 2,360,212; Oct. 10.
Display device for suction cleaning apparatus. C. H. Taylor. 2,344,182; Mar. 14.
Display form. W. J. De Witt. 2,360,112; Oct. 10.
Display package. C. B. Holm. 2,352,633; July 4.
Display package. W. E. Weeks and F. W. Messler. 2,341,849; Feb. 15.
Display rack. O. L. Godwin. 2,354,859; Aug. 1.
Display rack. E. P. Jarvis. 2,349,351; May 23.
Display rack, oil saver, and waste can receptacle, Combined. H. J. Smith. 2,343,248; Mar. 7.
Display sign. D. O. Ford. 2,354,367; July 25.
Display stand. H. C. Robinson and T. F. Challis. 2,338,968; Jan. 11.
Display stand. H. A. Simon. 2,344,273; Mar. 14.
Display standard, Two-way. E. B. Bishop. 2,345,913; Apr. 4.
Display structure, Cross. R. F. Brennan. 2,358,558; Sept. 19.
Display system, Electric. C. W. Ward. 2,359,014; Sept. 26.
Disposal system, Salt water. E. N. Van Dusee. 2,348,161; May 2.
Display unit, Multiple use. W. T. Hormes. 2,359,109; Sept. 26.
Distillate, Production of. A. D. Garrison. 2,358,920; Sept. 26.
Distillate, Production of. W. M. Stratford. 2,363,207; Nov. 21.
Distillates, Acid treating of. B. W. Dunbar. 2,340,585; Feb. 1.
Distillation. A. C. Brown. 2,352,160; June 27.
Distillation. M. H. Ittner. 2,357,829; Sept. 12.
Distillation apparatus. C. E. Hemminger. 2,363,246; Nov. 21.
Distillation apparatus. K. C. D. Hickman. 2,349,431; May 23.
Distillation control. A. G. Bright and W. E. Fisher. 2,364,341; Dec. 5.
Distillation device. S. C. Kain. 2,342,201; Feb. 22.
Distillation device and process. W. A. Darrah. 2,362,889; Nov. 14.
Distillation method. C. E. Hemminger. 2,350,507; June 6.
Distillation process. R. M. Deanesly. 2,360,655; Oct. 17.
Distillation process. W. Dennis. 2,347,669; May 2.
Distillation process. C. L. Dunn and G. Pierotti. 2,339,160; Jan. 11.
Distillation process. G. R. Lake. 2,358,129; Sept. 12.
Distillation process. J. W. Packie. 2,338,595; Jan. 4.
Distillation process. M. Souders, Jr. 2,365,912; Dec. 26.
Distillation process and apparatus, High vacuum. K. C. D. Hickman. 2,364,360; Dec. 5.
Distillery residues, Treatment of. L. M. Christensen. 2,345,238; Mar. 28.
Distilling apparatus for lifeboats, Water. G. Keenan and J. A. Mulhern. 2,359,041; Sept. 26.
Distributing apparatus. M. K. Prokul. 2,356,088; Aug. 15.
Distributing apparatus. N. E. Tourjee, Jr. 2,356,103; Aug. 15.
Distributing device. H. Basler. 2,351,905; June 20.
Distributing head for the manifolds of filters or like devices. J. F. MacSorley. 2,360,958; Oct. 24.
Distributing means for coarse aggregate. C. Warren. 2,347,624; Apr. 25.
Distributing valve. A. L. Parker 2,341,330; Feb. 8.
Distribution system and protective arrangement therefor. J. R. Barr. 2,343,132; Feb. 29.
Distribution transformer for banking service. J. K. Hodnette. 2,340,067; Jan. 25.
Distributor. R. M. Hardgrove. 2,364,633; Dec. 12.
Distributor, Fertilizer. W. A. Hyland. 2,355,728; Aug. 15.
Distributor, Fertilizer. H. J. Kuhlman. 2,343,303; Mar. 7.
Distributor for bitumen and like materials. G. M. Etnyre. 2,346,478; Apr. 11.
Distributor for high-tension ignition apparatus. N. Hendry and J. A. Laird. 2,351,682; June 20.
Distributor, Liquid. G. E. Stewart, C. L. Trier and H. S. Fielder. 2,346,278; Apr. 11.
Distributor mechanism for controlling the release of bombs or the like. L. M. Simpson and C. R. Woodland. 2,353,417; July 11.
Distributor truck. A. R. Flink. 2,359,412; Oct. 3.
Disturbances in concentric lines, Reducing. F. J. Bingley. 2,338,399; Jan. 4.
Disulphonamides having quaternary ammonium salt groups. D. D. Coffman and J. C. Sauer. 2,362,686; Nov. 14.
Ditch cleaner. J. S. Sousa. 2,347,335; Apr. 25.
Ditching machine. H. K. Swank. 2,347,378; Apr. 25.
Dithiocarbamates, Production of. W. F. Russell. 2,347,128; Apr. 18.
Dithiocarbamic acid derivative. R. T. Dean. 2,342,332; Feb. 22.
Dithiocarbamic acid derivatives. J. G. Lichty. 2,359,374; Oct. 3.
Divan, Bed. S. L. Grossman. 2,345,392; Mar. 28.

Diversity receiving system. M. G. Crosby. 2,349,407; May 23.
Diversity receiving system. M. G. Crosby. 2,364,952; Dec. 12.
Divided materials in molten compositions, Incorporating finely. G. De W. Graves. 2,345,533; Mar. 28.
Dividing head. J. R. Hansen. 2,357,329; Sept. 5.
Dividing head. P. Hellman. 2,341,099; Feb. 8.
Dividing head. H. A. Krueger. 2,339,864; Jan. 25.
Dividing machine. A. H. Dickinson. 2,359,631; Oct. 3.
Doll. G. C. Ford. 2,347,405; Apr. 25.
Doll. A. M. Peterson and J. Schaeffers. 2,362,662; Nov. 14.
Doll and making same. B. J. Buchanan. 2,340,172; 25.
Doll construction. A. M. Katz. 2,359,425; Oct. 3.
Doll set and the like, Paper. G. P. Wakefield. 2,363,914; Nov. 28.
Doll swing. A. C. Anderson. 2,341,754; Feb. 15.
Dolls and novelties, Making. P. Roman. 2,360,017; Oct. 10.
Doll's wig. G. C. Ford. 2,343,141; Feb. 29.
Dolly. I. Hamilton. 2,347,947; May 2.
Dolly, Lift. E. G. Ettes. 2,339,389; Jan. 18.
Dolly unit for two-wheel tractor unit. R. G. Le Tourneau. 2,338,771; Jan. 11.
Dolomite, Processing. W. H. MacIntire. 2,343,151; Feb. 29.
Domes, Shaping thermoplastic. E. L. Helwig. 2,365,637; Dec. 19.
Domestic appliance. K. Clark. 2,346,152; Apr. 11.
Domestic appliance. K. Clark. 2,361,266; Oct. 24.
Domestic appliance. D. K. Ferris. 2,343,543–44; Mar. 7.
Domestic appliance. D. K. Ferris. 2,363,517–19; Nov. 28.
Domestic appliance. M. E. Fry. 2,359,983; Oct. 10.
Domestic appliance. J. W. Jacobs. 2,363,184; Nov. 21.
Domestic appliance. W. Smith, Jr. 2,350,078; May 30.
Domestic water heater. O. E. Andrus. 2,343,440; Mar. 7.
Door: *See*—

Counterbalanced overhead door.	Overhead swinging door.
Furnace door.	Railway car side door.
Grain car door.	Roll-up door.
Metal door.	Shower door.

Door. L. E. Jackson. 2,339,569–70; Jan. 18.
Door. O. J. Workman. 2,362,789; Nov. 14.
Door and hinge construction. P. W. Vandenberg and J. Kacena. 2,342,619; Feb. 22.
Door and sliding shelf, Combination drop. A. J. Ball, W. Hoge, and B. Rudolph. 2,361,525; Oct. 31.
Door and support therefor, Folding. C. I. Auten. 2,351,656; June 20.
Door and window frame. S. E. Cowbourne. 2,341,906; Feb. 15.
Door assembly for vending machines, Cup chamber. L. W. Doggett. 2,355,426; Aug. 8.
Door closer. H. G. Voight. 2,347,380; Apr. 25.
Door closer. H. G. Voight and S. Brantingson. 2,345,368; Mar. 28.
Door closing and checking device. C. S. Aspinwall. 2,360,095; Oct. 10.
Door closing device. L. Richardson. 2,342,428; Feb. 22.
Door closing mechanism, Vehicle. J. B. Parsons. 2,348,306; May 9.
Door construction. W. E. Hergenrather. 2,358,639; Sept. 19.
Door construction. T. Madland. 2,363,135; Nov. 21.
Door construction and the like. C. D. Allo. 2,339,315; Jan. 18.
Door construction, Overhead. A. V. Rowe. 2,338,205; Jan. 4.
Door construction, Upward acting. G. H. Hufferd, and M. P. Graham. 2,348,386; May 9.
Door control. A. Kabot. 2,361,403; Oct. 31.
Door control and switch therefor, Reversing. H. C. Blodgett. 2,343,951; Mar. 14.
Door fastener. S. B. Hazeltine. 2,340,470; Feb. 1.
Door for boiler enclosures, Economizer. B. Labaree and R. K. Knipe. 2,354,384; July 25.
Door for bomb and gas resisting shelters, buildings, and the like. P. Beecherer. 2,350,981; June 13.
Door for floor furnaces and like heating appliances. A. D. Olds. 2,341,806; Feb. 15.
Door frame. C. Hankins. 2,341,612; Feb. 15.
Door handle. G. V. Jakeway. 2,342,402–4; Feb. 22.
Door handle. G. V. Jakeway and I. S. Keeler. 2,342,401; Feb. 22.
Door handle and latch. R. Koehler. 2,364,795; Dec. 12.
Door handle assembly. R. H. Dean. 2,341,908; Feb. 15.
Door handle assembly. R. H. Dean. 2,356,658; Aug. 22.
Door handle assembly, Outside. J. W. Lakin. 2,355,449; Aug. 8.
Door hinge. J. Faithfull. 2,349,711; May 23.
Door-hinging, door-checking, and door-holding device, Combined. R. I. Schonitzer. 2,343,810; Mar. 7.
Door holder. M. J. Saagen. 2,352,015–6; June 20.
Door knocker. G. Guldbrandsen. 2,348,129; May 2.
Door latch. R. T. Anderson and C. Olson. 2,352,465; June 27.
Door latch. A. Diemer. 2,347,467–8; Apr. 25.
Door latch. W. A. Endter. 2,362,255; Nov. 7.
Door latch mechanism. L. B. M. Buchanan. 2,348,955; May 16.
Door latch mechanism. B. A. Quinn. 2,350,923; June 6.
Door latching equipment for mine cars, Drop bottom. H. W. Sanford. 2,364,554; Dec. 5.
Door lift mechanism. F. Ditchfield. 2,347,255; Apr. 25.
Door lock. C. S. Bock. 2,350,092; May 30.
Door lock. J. Hilligren. 2,348,737; May 16.
Door lock. W. R. Schlage. 2,339,725; Jan. 18.
Door lock. W. R. Schlage. 2,346,618; Apr. 11.
Door lock. W. R. Schlage. 2,355,682; Aug. 15.
Door lock. W. R. Schlage. 2,357,551; Sept. 5.
Door lock. W. S. Sidelinker. 2,346,513; Apr. 11.
Door lock release, Emergency. M. C. Kornrumpf. 2,354,321; July 25.
Door mounting. E. E. Pierce. 2,353,263; July 11.
Door opener. J. Erickson. 2,342,728; Feb. 29.
Door operating mechanism. C. Opalek. 2,342,597; Feb. 22.
Door operating mechanism. C. Opalek. 2,366,048; Dec. 26.
Door operating mechanism. E. F. Wagner. 2,357,044; Aug. 29.
Door operating mechanism. E. F. Wagner. 2,363,913; Nov. 28.
Door operating mechanism for tilting furnaces. H. L. McFeaters. 2,346,442; Apr. 11.
Door operator, Elevator. R. S. Peelle. 2,358,994; Sept. 26.
Door operator, Vehicle luggage compartment. J. D. Worgess. 2,352,929; July 4.
Door or like unit. A. V. Pretot. 2,342,490; Feb. 22.
Door or window mounting. C. E. Fuller. 2,357,397; Sept. 5.
Door rack. J. Usoskin. 2,349,391; May 23.
Door stay, Adjustable. S. Shogran. 2,351,298; June 13.
Door strike. R. I. Pendleton. 2,350,635; June 6.
Door structure for mixers. G. Jaeger and C. I. Bohmer. 2,348,682; May 9.
Door structure, Wooden. J. V. Lindsley. 2,353,573; July 11.
Doorbell switch, annunciator and chime. J. A. Hall. 2,343,009; Feb. 29.
Door latch. S. Brantingson. 2,344,532; Mar. 21.
Door latch. C. T. Pankhurst. 2,344,451; Mar. 14.
Door latching mechanism. E. F. Schweller. 2,345,432; Mar. 28.
Door lifting and tilting device. R. A. Shields. 2,344,903; Mar. 21.
Door lock. M. Spinello. 2,343,249; Mar. 7.
Door operator. J. R. Newkirk. 2,343,316; Mar. 7.
Door stop. H. O. Brenzikofer. 2,338,899; Jan. 11.
Doors, Operating. W. P. Shepherd. 2,338,360; Jan. 4.
Doorsill for electric furnaces. T. J. Peters. 2,347,792; May 2.
Doorstop. J. A. Paradise. 2,342,060; Feb. 15.
Doorstop. J. S. Swann. 2,344,524; Mar. 21.
Dosing device for gases. G. Ornstein. 2,358,587; Sept. 19.
Double-acting hydraulic shock absorber for vehicles. H. Haywood. 2,341,096; Feb. 6.
Double-acting pump. R. A. Bossi. 2,364,511; Dec. 5.
Double casing pump. V. S. Lobanoff. 2,343,511; Mar. 7.
Double cone clutch. R. G. Le Tourneau. 2,339,643; Jan. 18.
Double cord fastener furnaces. T. Russell. 2,349,114; May 16.
Double exposure prevention device. J. Mihalyi. 2,358,082; Sept. 12.
Double track auxiliary wheel and tire carrier. K. C. Clark. 2,354,943; Aug. 1.
Double wall folding box. D. Levkoff. 2,341,928; Feb. 15.
Doubling machine. L. F. Remington and C. H. Coolidge. 2,362,771; Nov. 14.
Douche appliance. T. L. Marvin. 2,345,275; Mar. 28.
Douche, Sanitary. G. W. Bayers. 2,361,908; Nov. 7.
Dough and the like, Method and apparatus for testing. W. S. Claus. 2,347,082; Apr. 18.
Dough divider. C. B. Seem. 2,351,839–40; June 20.
Dough divider and rounder. C. B. Seem. 2,351,841; June 20.
Dough measuring and lump forming machine. M. F. Welda. 2,342,093; Feb. 15.
Dough oiling machine. R. G. Moench, Jr. 2,357,679; Sept. 5.
Dough, Sheeting and elongating. M. Cohen, D. W. Enoch, G. Hasty, and G. A. Jorgenson. 2,357,085; Aug. 29.
Dough, Treating. M. Cohen, D. Enoch, G. Hasty and G. A. Jorgenson. 2,352,617; July 4.
Doughnut machine. W. R. Coyne. 2,362,191; Nov. 7.
Doughnut machine. S. A. Gardner. 2,353,024; July 4.
Dowel bar structure. C. H. Westcott. 2,352,673; July 4.
Draft and buffer gear. G. E. Dath. 2,347,800; May 2.
Draft and power take-off unit, Combined. R. G. Le Tourneau. 2,363,071; Nov. 21.
Draft appliance. J. L. Breese. 2,339,614; Jan. 18.
Draft control. J. L. and M. R. Coburn. 2,359,465; Oct. 3.
Draft control, Automatic thermally responsive. E. A. Field, Jr. 2,358,390; Sept. 19.
Draft control means for furnaces. C. G. Anderson. 2,348,950; May 16.
Draft device. E. L. Rietz. 2,349,884; May 30.
Draft device for steam boilers, Forced. P. H. Routledge. 2,342,971; Feb. 29.

Draft device, Implement. R. L. Anderson, C. R. Arnold, and L. A. Paradise. 2,349,923; May 30.
Draft gear. G. E. Dath. 2,360,478; Oct. 17.
Draft gear. J. L. Eler. 2,358,916; Sept. 26.
Draft gear. E. P. Kinne. 2,360,566; Oct. 17.
Draft gear. C. T. Ray. 2,358,282; Sept. 12
Draft gear backstop and center filler. A. Kassler. 2,352,718; July 4.
Draft hitch. C. E. Mark. 2,352,397; June 27.
Draft hood. L. C. Morris. 2,353,179; July 11.
Draft producing apparatus. S. Kneass, Jr. 2,350,401; June 6.
Draft regulating means for heaters. J. F. Mahlstedt. 2,362,344; Nov. 7.
Draft regulator. A. D. Cole. 2,346,825; Apr. 18.
Draft regulator. M. W. Crew. 2,346,559; Apr. 11.
Draft regulator. E. A. Field, Jr. 2,346,740; Apr. 18.
Draft regulator. R. Martin. 2,344,947; Mar. 28.
Draft regulation for furnaces. B. G. Wyld. 2,355,897; Aug. 15.
Draft regulator for orchard heaters. W. C. Scheu. 2,350,830; June 6.
Draft regulator for orchard heaters, Automatic. J. F. Mahlstedt. 2,362,285; Nov. 7.
Draft tube for stoves and furnaces. P. Wingert. 2,345,319; Mar. 28.
Draft unit. R. G. Le Tourneau. 2,355,893; Aug. 15.
Drafting. H. Wiedemann. 2,347,625; Apr. 25.
Drafting apparatus. A. Langsner. 2,358,521–2; Sept. 19.
Drafting device. W. G. Dentsler, Jr. 2,362,992; Nov. 21.
Drafting device. C. Gardner. 2,358,451; Sept. 19.
Drafting device, Textile. T. P. Rooney. 2,347,967; May 2.
Drafting instrument. W. W. Hill. 2,364,529; Dec. 5.
Drafting instrument. M. R. Hull. 2,345,477; Mar. 28.
Drafting instrument and the like. J. Nash. 2,364,805; Dec. 5.
Drafting machine. C. W. Keuffel. 2,350,358; June 6.
Drafting machine. V. B. Wallace. Re. 22,582; Dec. 19.
Drafting table. J. J. Darby. 2,350,340; June 6.
Draftsman's tracing board. G. E. Froelich. 2,351,031; June 13.
Drag bucket. G. J. Ashley. 2,359,817; Oct. 10.
Drag line shovel tooth. C. W. Campbell and J. A. Vanes. 2,360,115; Oct. 17.
Drag-out mechanism for furnaces. S. B. Brittain. 2,363,291; Nov. 21.
Drain board for clothes wringers. N. L. Etten. 2,342,258; Feb. 22.
Drain fitting. J. Slezak. 2,349,202; May 16.
Drain plug. C. E. Hartley. 2,349,425; May 23.
Drain plug. J. Keyzer. 2,355,979; Aug. 15.
Drain tube for embalmers. J. L. Rocca. 2,341,388; Feb. 8.
Drain valve. G. M. Gabel. 2,350,748; June 6.
Drain valve apparatus. J. Canetta. 2,361,084; Oct. 24.
Drain, Valved floor. Z. H. Smith. 2,348,097; May 2.
Drainage intake. H. Holland. 2,354,994; Aug. 1.
Drapery. C. Gallo. 2,352,531; June 27.
Drapery support. G. B. Davis, Jr. 2,364,275; Dec. 5.
Drawbar for harrows. B. Landen. 2,339,018; Jan. 11.
Drawbench dog. D. W. T. Evans. 2,347,038; Apr. 18.
Drawbench gripper carriage. D. W. T. Evans. 2,344,293; Mar. 14.
Draw frame. H. O. Hess. 2,353,338; July 11.
Drawout mechanism. H. E. Pearson. 2,342,298; Feb. 22.
Draw press. C. C. Misfeldt. 2,345,353; Mar. 28.
Draw press. V. H. Pavlecka. 2,348,921; May 16.
Draw ring. L. R. Pease. 2,342,365; Feb. 22.
Draw works. C. M. Anderson. 2,356,371; Aug. 22.
Draw works. R. O. Anderson. 2,351,854; June 20.
Drawworks. R. E. Deschner. 2,344,681; Mar. 21.
Draw works. F. J. Young. 2,351,851; June 20.
Drawworks, Rotary. F. L. Gillett. 2,360,489; Oct. 17.
Drawworks with composite drive. G. W. Walton. 2,354,235; July 25.
Drawer. L. F. Schroeder. 2,364,479; Dec. 5.
Drawer, Aroma tight. L. K. Loftin and T. D. Tinnin. 2,345,271; Mar. 28.
Drawer attachment for automobiles. A. P. Cotton. 2,353,391; July 11.
Drawer-bottom reinforcement, Collapsible. P. Zalkind. 2,339,312; Jan. 18.
Drawer construction. E. C. Bullock. 2,356,650; Aug. 22.
Drawer construction. F. P. May. 2,362,017; Nov. 7.
Drawer or tray front. M. B. Hall. 2,351,260; June 13.
Drawer support. W. C. Mayer. 2,361,116; Oct. 24.
Drawer suspension. H. Hanes. 2,350,228; May 30.
Drawers and the like, Progressive suspension for. J. R. Jones, L. M. Hultberg and V. A. Gronberg. 2,346,167; Apr. 11.
Drawing and cleaning attachment for carding machines. P. M. Thomas and J. H. Barton. 2,357,982; Sept. 12.
Drawing apparatus for textile spinning and like textile frames. A. Walker. 2,357,243; Aug. 29.
Drawing instrument. D. J. and P. J. McEvoy. 2,342,476; Feb. 22.
Drawing machine. D. J. McQuaid, Sr. 2,338,729; Jan. 11.
Drawing machine or layout table. O. C. Hedin. 2,347,858; Apr. 25.
Drawing mechanism for spinning and roving frames. R. M. Jones and V. A. Burnham. 2,343,259; Mar. 7.
Drawing press. J. A. Muller. 2,360,007; Oct. 10.
Drawing roll for spinning frames. L. W. Campbell. 2,352,167; June 27.
Dredge. W. W. Johnson. 2,348,389; May 9.
Dredge output, Increasing. D. L. Neuman. 2,346,180; Apr. 11.
Dredger. C. C. Herbert. 2,363,790; Nov. 28.
Dredges, Cutter for. F. A. Gill. 2,340,216; Jan. 25.
Dress, Maternity. E. A. Clark. 2,352,886; July 4.
Dresser for grinding wheels, Radius. F. S. Bellinger. 2,343,949; Mar. 14.
Dressing device for grinding wheels. J. Weisand, Jr., and L. L. Lee. 2,346,528; Apr. 11.
Dressing machine for pipe wrench parts. H. H. Sanders. 2,354,616; July 25.
Dressing mechanism. L. O. Carlsen. 2,363,293; Nov. 21.
Dressing mechanism. W. B. Locke. 2,340,192; Jan. 25.
Dressing mechanism for grinding wheels. I. J. Snader. 2,352,661–2; July 4.
Dressing mechanism for grinding wheels. G. Stewart. 2,351,159; June 13.
Dressing, Surgical. M. R. Rauner. 2,340,142; Jan. 25.
Dressing tool. S. R. Enberg. 2,359,411; Oct. 3.
Dressing tool. J. N. Stewart. 2,349,793; May 23.

Drier: *See*—

Apron drier.	Open steam box drier.
Clothes drier.	Rotary air drier.
Garment drier.	Rotary drier.
Hair drier.	Rotary garment drier.
Hosiery drier.	Sand drier.
Leather drier.	

Drier. C. E. Blanchard and A. W. Ferre. 2,348,174; May 2.
Drier. O. Byron and K. H. Jones. 2,350,672; June 6.
Drier. R. Hyland. 2,349,043; May 16.
Drier and container, Razor blade. S. S. Vineberg. Aug. 15.
Drier and method, Paper. J. R. Funselow. 2,344,686; Mar. 21.
Drier and producing same. A. Minich. 2,338,128; Jan. 4.
Drier and solvent still, Combination garment. F. Y. Sharbondy. 2,360,985; Oct. 24.
Drier for electric refrigerators. G. C. Dean. 2,365,526; Dec. 19.
Drier for yarns or cords. M. Castricum. 2,345,032; Mar. 28.
Drifting control valve. L. B. Jones. 2,359,647; Oct. 3.
Drifting valve. J. H. and J. W. Hanlon. 2,348,809; May 16.

Drill: *See*—

Countersinking drill.	Portable drill.
Deep hole drill.	Road or like percussion
Earth drill.	drill.
Grain drill.	Rock drill.
Mining drill.	Square hole drill.
Oil hole drill.	Test core drill.

Drill. C. A. Anderson. 2,360,385; Oct. 17.
Drill. C. H. Davis. 2,354,985; Aug. 1.
Drill. A. O. Edwards. 2,356,921; Aug. 29.
Drill adapter. L. J. Fortin. 2,365,260; Dec. 19.
Drill bit. G. Annesley. 2,354,656; Aug. 1.
Drill bit. O. Phippe. 2,339,104; Jan. 11.
Drill bit sharpening mechanism. E. I. Cotton. 2,345,100; Mar. 28.
Drill bushing. C. F. Fink. 2,355,286; Aug. 8.
Drill chuck. A. C. Koett. 2,360,144; Oct. 10.
Drill chuck. H. A. Mills. 2,350,565; June 6.
Drill conduit for walls. W. M. McGrew. 2,345,403; Mar. 28.
Drill container. W. Jensen. 2,351,815; June 20.
Drill fixture. F. A. Conway. 2,357,579; Sept. 5.
Drill guide. O. T. Hubbell. 2,341,322; Feb. 8.
Drill guide and clamp. Combination. J. Vetter. 2,351,243; June 13.
Drill holder. V. A. Sheskier. 2,357,773; Sept. 5.
Drill press. J. G. Collins. 2,346,731; Apr. 18.
Drill press. W. R. Grunewald. 2,340,054; Jan. 25.
Drill press. C. A. Wiken. 2,360,021; Oct. 24.
Drill rig, Portable. J. C. Curtis. 2,365,176; Dec. 19.
Drill round. J. P. Le Gore and F. L. Brandt. 2,342,549; Feb 22.
Drill socket construction. J. E. McLaughlin. 2,349,741; May 23.
Drill, Square hole. F. R. Wahl. 2,365,128; Dec. 12.
Drill steel centraliser. J. C. Curtis. 2,350,658; June 6.
Drill steel centralizer. J. C. Curtis. 2,350,660; June 6.
Drill steel centralizer. J. A. Hope. 2,357,001; Aug. 29.
Drill steel guide. C. F. Osgood. 2,350,661; June 6.
Drilling and countersinking tool. L. A. Smith. 2,356,541; Sept. 19.
Drilling apparatus. W. E. Beline. 2,352,069; June 20.
Drilling apparatus. J. C. Curtis. 2,359,971; Oct. 10.
Drilling apparatus. W. W. Paget. 2,339,801; Jan. 25.
Drilling apparatus. W. W. Paget. 2,343,319; Mar. 7.
Drilling apparatus. W. W. Paget. 2,365,635; Dec. 26.
Drilling apparatus. C. H. Priest, Jr. 2,353,757; July 18.
Drilling apparatus. C. W. Van Wormer. 2,355,342; Aug. 8.
Drilling apparatus, Multiple spindle. G. H. Burt. 2,342,251; Feb. 22.

Drilling attachment, Offset. H. R. Fischer. 2,349,156; May 16.
Drilling bit. L. R. Leissler. 2,357,835; Sept. 12.
Drilling bit. F. J. Spang. 2,342,498; Feb. 22.
Drilling fixture, Bowling ball. E. E. Widdis. 2,340,394; May 23.
Drilling fluid. T. W. Burnam. 2,352,468; June 27.
Drilling fluid. J. L. Foster. 2,364,434; Dec. 5.
Drilling fluid during the drilling of wells, Preventing the loss of. J. F. Larkin. 2,342,588; Feb. 22.
Drilling fluid, Nonaqueous. W. E. Campbell, Jr. 2,363,499; Nov. 28.
Drilling fluid, Oil base. W. J. Weiss. 2,360,992; Oct. 24.
Drilling fluids, Conditioning of. A. D. Garrison and K. C. ten Brink. 2,353,230; July 11.
Drilling hook. G. F. Nicolson and R. K. Hertel. 2,338,349; Jan. 4.
Drilling lateral bores. J. A. Zublin. 2,344,277; Mar. 14.
Drilling machine. J. S. Belts. 2,353,006; July 4.
Drilling machine. E. J. Bentley and C. Young. 2,357,627; Sept. 5.
Drilling machine. R. B. Mentzer. 2,363,136; Nov. 21.
Drilling machine. H. E. Tautz. 2,346,198; Apr. 11.
Drilling machine, Automatic. J. S. O'Callaghan. 2,344,063; Mar. 14.
Drilling machine for concrete. C. A. Pyle. 2,342,601; Feb. 22.
Drilling mud. D. C. Bond. 2,365,383; Dec. 19.
Drilling mud. C. C. Hedges and P. E. Chaney. 2,342,275; Feb. 22.
Drilling mud, Treatment of. A. D. Garrison. 2,338,174; Jan. 4.
Drilling muds. A. D. Garrison. 2,361,760; Oct. 31.
Drilling muds, Preparation of. C. F. Teichmann. 2,341,581; Feb. 15.
Drilling muds, Treating. P. H. Jones. 2,343,113; Feb. 29.
Drilling tool. T. L. Hayes. 2,359,309; Oct. 3.
Drilling tool. C. L. Walker. 2,360,088; Oct. 10.
Drilling unit for jigs or the like. S. Bloomfield. 2,356,263; Aug. 8.
Drilling wells. H. L. Reed. 2,341,572; Feb. 15.
Drilling wells. H. L. Reed. 2,341,574; Feb. 15.
Drills, Hold-down and chip collecting attachment for. H. R. Fischer. 2,339,324; Jan. 18.
Drinking fountain. J. E. Oys. 2,350,184; May 30.
Drinking unit. B. A. Selten. 2,358,600; Sept. 19.
Drip pan construction. E. A. Jones. 2,345,480; Mar. 28.
Dripless spout. A. C. Osterheld. 2,346,540; Apr. 11.
Drive assembly, reversing accessory. J. W. Kinnucan. 2,346,032; Apr. 4.
Drive bushing. J. D. Spalding. 2,344,746; Mar. 21.
Drive, Constant tension. E. J. Otto. 2,348,090; May 2.
Drive fastener. B. A. Miller. 2,353,579; July 11.
Drive fastener. C. C. Richards. 2,344,413; Mar. 14.
Drive for electric generators. A. L. Armentrout. 2,349,334; May 23.
Drive for landing gear wheels of airplanes. A. C. Gibson. 2,363,126; Nov. 21.
Drive for sheet pack lifters. J. Sturdy. 2,360,740; Oct. 17.
Drive for valve cutoff indicators. F. D. Welden. 2,363,633; Nov. 28.
Drive for valves and the like. H. E. Hodgson. 2,351,211; June 13.
Drive for vehicles, Steering wheel. B. W. Keese. 2,356,164; Aug. 22.
Drive gear for tabulating machine attachments. J. E. Euth. 2,342,260; Feb. 22.
Drivehead. W. J. Crites. 2,347,812; May 2.
Drive, Hydraulic. R. E. Davis. 2,345,919; Apr. 4.
Drive, Hydraulic. J. K. Douglas. 2,345,920; Apr. 4.
Drive mechanism. F. R. McFarland. 2,364,988; Dec. 12.
Drive mechanism. M. S. Merrill. 2,347,275; Apr. 25.
Drive mechanism. C. R. Paton. 2,354,139; July 18.
Drive mechanism for shaker conveyers. E. R. Bergmann. 2,342,241; Feb. 22.
Drive mechanism for strippers of carding machines. W. Q. Martin. 2,343,787; Mar. 7.
Drive, Shuttle. S. Levine. 2,365,090; Dec. 12.
Drive socket connector. W. W. Daniel. 2,354,184; July 25.
Drive, Vehicle. R. G. Anderson. 2,355,409; Aug. 8.
Driveway switch. B. M. Overby, W. Swilley, and S. M. Overby. 2,350,063; May 30.
Drive wheel construction for automotive vehicles. S. P. Stephen. 2,339,960; Jan. 25.
Driving and control mechanism for milling and similar machines. A. F. Bennett. 2,363,934; Nov. 28.
Driving band, Projectile. W. G. Calkins. 2,360,473; Oct. 17.
Driving band or chain. G. J. Abbott. 2,365,988; Dec. 26.
Driving belt. G. A. Fleckenstein. 2,357,718; Sept. 5.
Driving belt. A. Lénart and J. Vámos. 2,338,447; Jan. 4.
Driving means for electrically propelled vehicles. E. A. Binney. 2,353,436; July 11.
Driving mechanism. J. B. Dyer. 2,346,158; Apr. 11.
Driving mechanism. M. Neuner. 2,345,418; Mar. 28.
Driving mechanism. F. O. Stebbins. 2,365,018; Dec. 12.
Driving mechanism for vehicles, Fluid. W. C. Higby. 2,361,098; Oct. 24.
Driving mechanism, Variable-speed. W. H. De Lancey. 2,362,542; Nov. 14.
Driving unit for boats. L. G. Berquist. 2,338,796; Jan. 11.
Drop-bottom mine car. H. H. Pancake. 2,347,277; Apr. 25.
Droppable gasoline tank. M. W. Humphreys. 2,365,080; Dec. 12.
Dropper and pourer cap. H. L. Apfelbaum. 2,343,610; Mar. 7.
Dropper bottle. W. H. Douglass. 2,350,596; June 6.
Drop-signal holder. G. Kiner. 2,348,137; May 2.
Druggist's cabinet. H. J. Rauser. 2,346,430; Apr. 11.
Drugs, Extracting. W. H. Jackson. 2,347,322; Apr. 25.
Drum, Coil forming. F. L. Wettengel. 2,352,580; June 27.
Drum, Drier. L. Hornbostel. 2,365,271; Dec. 19.
Drum, Facsimile scanner. J. V. L. Hogan. 2,356,999; Aug. 29.
Drum, Metal. A. W. McClary. 2,354,921; Aug. 1.
Drum with regulable hydraulic drive, especially for lifts, Rope. E. Sturm. 2,344,115; Mar. 14.
Dry cell. H. E. Lawson. 2,343,104; Feb. 29.
Dry cell apparatus. A. M. Mac Farland. 2,355,985; Aug. 15.
Dry cell apparatus. G. H. Nelson and A. M. MacFarland. 2,355,232; Aug. 8.
Dry cleaning system. M. Busi. 2,355,508; Aug. 8.
Dry dock unit, Floating partial. S. N. Koulichkov. 2,360,690; Oct. 17.
Dry mounting tissue. C. J. Malm and G. D. Hiatt. 2,360,252; Oct. 10.
Dry shaving device. M. Andis. 2,345,695; Apr. 4.
Drying apparatus. R. E. Clarke. 2,339,979; Jan. 25.
Drying apparatus. M. F. Heubsch. 2,351,429; June 13.
Drying apparatus. F. D. Johnston and S. S. Sherrill. 2,347,781; May 2.
Drying apparatus. C. R. Keep and A. W. Ferre. 2,361,350; Oct. 24.
Drying apparatus. W. T. Runals. 2,339,557; Jan. 18.
Drying apparatus. C. Stone. 2,358,423; Sept. 19.
Drying apparatus and method. M. Muller, K. Schwarzwalder, and T. G. McDougal. 2,360,257; Oct. 10.
Drying apparatus for grandular material. G. B. Tyler. 2,339,207; Jan. 11.
Drying compositions. V. L. Hansley and A. O. Rogers. 2,361,027; Oct. 24.
Drying device. R. B. Keehnel. 2,348,631; May 9.
Drying hood. B. Often. 2,349,558; May 23.
Drying machine. I. Newman. 2,338,348; Jan. 4.
Drying machine, Laundry. E. J. Downes. 2,344,135; Mar. 14.
Drying method and apparatus. R. C. Moore. 2,346,500; Apr. 11.
Drying, Process and apparatus for. J. N. Vermilya. 2,360,915; Oct. 24.
Drying rack. C. A. Fox. 2,343,657; Mar. 7.
Dual bicycle seat. M. W. Kelly. 2,358,309; Sept. 19.
Dual oil control device. R. W. Johnson. 2,341,785; Feb. 15.
Dual pump. W. E. Cummins. 2,347,887; May 2.
Dual wheel assembly. C. S. Ash. 2,365,617–8; Dec. 19.
Dual wheel construction for vehicles, Independently movable. V. G. and E. V. Garnett. 2,345,192; Mar. 28.
Dual wheel mounting. B. L. Mills. 2,356,942; Aug. 29.
Dual wheeled vehicle. C. S. Ash. 2,343,129; Feb. 29.
Duct. C. F. Lumm. 2,338,191; Jan. 4.
Duct, Wire. F. B. Adam and H. M. Stieglitz. 2,353,121; July 11.
Dump body and leveler, Combination. E. R. Barrett. 2,350,488; June 6.
Dump body, Portable. C. R. Golay. 2,358,224; Sept. 12.
Dump car. R. W. Joy. 2,353,310; July 11.
Dump truck body support. G. W. Schultz. 2,362,668; Nov. 14.
Dump valve. R. J. Anschicks. 2,363,279; Nov. 21.
Dump vehicle and stabilizer construction. L. S. Wood. 2,350,141; May 30.
Dumping apparatus, Box. L. Adams. 2,344,664; Mar. 21.
Duplex brake. W. A. Heisten. 2,359,760; Oct. 10.
Duplex brake. C. E. Tack. 2,359,805–6; Oct. 10.
Duplex plug-in device. A. M. Draving. 2,361,679; Oct. 31.
Duplex pneumatic sewage ejectors, Control of. E. J. Ciabattari. 2,362,802; Nov. 14.
Duplex sound reproducer. B. L. Henry. 2,346,580; Apr. 11.
Duplicating. A. J. Levenhagen and W. J. Champion. 2,351,863; June 20.
Duplicating machine. C. H. Bradt. 2,364,942; Dec. 12.
Duplicating machine. J. J. Flanigan. 2,357,816; Sept. 12.
Duplicating machine. F. R. Ford. 2,345,335; Mar. 28.
Duplicating machine. F. R. Ford. 2,362,895; Nov. 14.
Duplicating machine. A. W. Mills. 2,340,819; Feb. 1.
Duplicating machine. O. B. Rosen. 2,347,367; Apr. 25.
Duplicating machine. O. E. Rosen. 2,345,218; Mar. 28.
Duplicating mechanism. T. F. Brackett. 2,348,280; May 9.
Duplicators and the like, Registering. C. H. Olsen. 2,362,715; Nov. 14.
Dust collection and reduction apparatus. E. F. Fisher. 2,354,675; Aug. 1.
Dust collector. A. J. Dalton. 2,339,982; Jan. 25.

Dust collector. G. B. Linderman, Jr. 2,351,864; June 20.
Dust collector. A. B. Osgood. 2,349,831; May 30.
Dust collector. O. J. Rupp. 2,360,981; Oct. 24.
Dust indicator for air-method cleaning systems. D. B. Replogle. 2,351,068; June 13.
Dust mop with attachable dust bag. F. Eisenhut. 2,350,221; May 30.
Dust precipitator. R. G. Abbey. 2,351,089; June 13.
Dust precipitator utilizing liquid sprays, Electrical. G. W. Penney. 2,357,355; Sept. 5.
Dustproof shoe bag. S. Leader. 2,359,372; Oct. 3.
Dust protector for cylinders. A. E. Osborn. 2,344,055; Mar. 14.
Dust remover. T. Lessard and W. Mund. 2,352,273; June 27.
Dust removing device for dry mops. J. C. Seney. 2,359,390; Oct. 3.
Dust separator. D. L. Bennett and A. J. McAllister. 2,342,447; Feb. 22.
Dust separator. S. Holm and H. F. Keough. 2,340,592; Feb. 1.
Dust test machine. J. S. Larkins, Jr. 2,346,690; Apr. 18.
Dust trap window ventilator. J. L. Mohun. 2,347,120; Apr. 18.
Dusting and spraying apparatus. B. R. Root. 2,356,950; Aug. 29.
Dusting apparatus. C. E. Blanchard and A. W. Ferre. 2,356,138; Sept. 12.
Dusting apparatus. J. A. Chater. 2,348,205; May 9.
Dusting machine. J. A. Chater. 2,338,096; Jan. 4.
Dye. H. B. Charmbury. 2,339,837; Jan. 25.
Dye images, Producing. G. Ehrenfried. 2,350,736; June 6.
Dye intermediates. L. G. S. Brooker and W. W. Williams. 2,345,093; Mar. 28.
Dye of the pyrazolone type, Azo. J. H. Williams. 2,343,224; Feb. 29.
Dye, Organic. B. Gáspár. 2,345,193; Mar. 28.
Dyeing apparatus. H. H. Raymond. 2,350,191; May 30.
Dyeing booster. J. L. Green. 2,366,100; Dec. 26.
Dyeing cellulosic fiber with phthalocyanines. H. Blackshaw and N. H. Haddock. 2,339,739; Jan. 18.
Dyeing of cellulose derivatives, Mordant. G. H. Ellis and A. J. Wesson. 2,365,809; Dec. 26.
Dyeing, Package. W. H. Watkins, O. W. Clark and W. A. Swanson. 2,343,233; Feb. 29.
Dyeing textiles, Producing resistlike two-tone effects in. W. Milne and A. J. Tokarz. 2,359,776; Oct. 10.
Dyeings and the dyed fiber obtained thereby, Producing fast. E. Fischer, W. Kirst and W. Gmelin. 2,352,701; July 4.
Dyes, Chrome disazo. B. G. Carson. 2,342,451; Feb. 22.
Dyes, Cyanine. L. G. S. Brooker and R. H. Sprague. 2,356,445; Aug. 22.
Dyes, Insoluble azo. P. F. Gross. 2,365,265; Dec. 19.
Dyes, Monoazo red acid. A. H. Knight. 2,357,958; Sept. 12.
Dyes of the anthraquinone series. E. C. Buxbaum. 2,363,042; Nov. 21.
Dyes of the anthraquinone series. M. A. Perkins and D. X. Klein. 2,364,473; Dec. 5.
Dyes, Red monoazo wool. D. E. Kvalnes. 2,361,481; Oct. 31.
Dyestuff. F. W. Gainey. 2,354,588; July 25.
Dyestuff, Azo. J. F. Froning. 2,362,477; Nov. 14.
Dyestuff, Azo. S. S. Rossander, C. E. Sparks, and C. W. Maynard, Jr. 2,346,790; Apr. 18.
Dyestuff, Cyanine. O. Riester. 2,338,782; Jan. 11.
Dyestuff, Monoazo. A. H. Knight. 2,351,133; June 13.
Dyestuff, Production of azo. D. E. Kvalnes and N. J. Letang. 2,366,034; Dec. 26.
Dyestuffs, Acid wool. W. Zerweck and E. Heinrich. 2,352,762; July 4.
Dyestuffs and dyestuff intermediates. J. D. Kendall and D. J. Fry. 2,353,164; July 11.
Dyestuffs and making the same, Mordant triazole. A. Conzetti and O. Schmid. 2,362,988; Nov. 21.
Dyestuffs and processes of producing the same, Thianthrene vat. W. Kern, P. Sutter, and R. Tobler. Jan. 11.
Dyestuffs and their manufacture, Monoazo. O. Knecht and O. Senn. 2,353,675; July 18.
Dyestuffs and their manufacture, Monoazo. A. Krebser, W. Bossard, and W. Kuster. 2,358,519; Sept. 19.
Dyestuffs, Anthraquinone. F. Irving and H. A. Piggott. 2,356,061; Aug. 15.
Dyestuffs, Anthraquinone. A. J. Wuerts and D. X. Klein. 2,353,108; July 4.
Dyestuffs, Anthraquinone vat. F. Irving and H. A. Piggott. 2,356,060; Aug. 15.
Dyestuffs, Basic water-soluble. B. Eistert and G. Kochendoerfer. 2,350,393; June 6.
Dyestuffs, Black tetrakisazo. M. Mendoza. 2,361,560; Oct. 31.
Dyestuffs for use in photography. J. D. Kendall and D. J. Fry. 2,355,654; Aug. 15.
Dyestuffs, Improving the dyeings and prints prepared with water-soluble. A. Landolt and A. Ruperti. 2,364,125-6; Dec. 12.
Dyestuffs, Manufacture of azo. J. S. Heaton and C. C. Howie. 2,338,639; Jan. 4.
Dyestuffs, Mono-azo. C. Bonhote and E. A. Hensl. 2,347,928; May 2.
Dyestuffs of the anthracenic series, Preparation of. E. H. L. Bretagne. 2,344,389; Mar. 14.
Dyestuffs of the anthraquinone series. E. C. Buxbaum. 2,347,252; Apr. 25.
Dyestuffs of the anthraquinone series. W. Dettwyler. 2,344,981; Mar. 28.
Dyestuffs of the anthraquinone series. D. X. Klein. 2,353,041; July 4.
Dyestuffs of the anthraquinone series. B. N. Lulek and E. C. Buxbaum. 2,348,013; May 2.
Dyestuffs of the anthraquinone series, Preparing. R. N. Lulek. 2,364,456; Dec. 5.
Dyestuffs, Production and use of. J. D. Kendall. 2,342,546; Feb. 22.
Dyestuff salts. H. Krzikalla, O. Dornheim, and H. Pfitzner. 2,345,485; Mar. 28.
Dyestuffs, Trimethinecyanine. K. Kumetat and O. Riester. 2,354,524; July 25.
Dyestuffs, Yellow disazo. O. Kaiser. 2,341,791; Feb. 15.
Dyewood, Extraction of. R. L. Drew. 2,360,114; Oct. 10.
Dynamic balancer. J. G. Williams. 2,359,180; Sept. 26.
Dynamic balancing. J. L. Laboulais. 2,346,975; Apr. 18.
Dynamic balancing, Apparatus for. G. H. Meinser. 2,349,450; May 23.
Dynamic braking system. L. G. Riley. 2,342,756; Feb. 29.
Dynamites, Gelatin. C. H. Winning. 2,362,618; Nov. 14.
Dynamo and regulating means therefor. J. A. Laird. 2,344,311; Mar. 14.
Dynamoelectric machine. F. H. Andrix. 2,364,933; Dec. 12.
Dynamoelectric machine. G. P. Dalger and W. H. Kitto. 2,361,748; Oct. 31.
Dynamoelectric machine. C. L. Hamm. 2,350,755; June 6.
Dynamoelectric machine. C. J. Koch. 2,338,518; Jan. 4.
Dynamoelectric machine. C. W. Lange. 2,340,669; Feb. 1.
Dynamoelectric machine. D. F. Smalley. 2,347,517; Apr. 25.
Dynamoelectric machine. H. D. Taylor. 2,342,502; Feb. 22.
Dynamoelectric machine. J. M. Weydell. 2,339,226; 2,338,516; Jan. 4.
Dynamo-electric machine, Fluid-cooled. N. Wilkinson. 2,338,154; Jan. 4.
Dynamoelectric machine, Gas cooled. S. H. Mortensen. 2,338,593; Jan. 4.
Dynamoelectric machine, Temperature-compensated. W. R. Harding. 2,354,119; July 18.
Dynamometer. J. R. Wrathall. 2,363,377; Nov. 21.
Dynamometer. M. C. Yeasting. 2,355,254; Aug. 8.
Dynamometer and extensometer for impact testing. E. E. Simmons, Jr. 2,362,589; Nov. 14.
Dynamometer excitation control system. R. H. Kaufmann. 2,350,766; June 6.
Ear clip. S. Plosky. 2,354,610; July 25.
Ear ornament, Nonmetallic cling. C. Rich. 2,364,872; Dec. 12.
Earphone. R. W. Carlisle and A. J. Mastropole. 2,344,023; Mar. 14.
Earphone recording system. H. S. Heller. 2,342,667; Feb. 29.
Ear shaper and protector. L. Jurovaty. 2,339,572; Jan. 18.
Ear shield and acoustic transmitting device. E. S. Pridham. 2,342,087; Feb. 15.
Earth anchor. D. C. Hubbard. 2,362,556; Nov. 14.
Earth boring rock bit. A. M. Rossman. 2,362,860; Nov. 14.
Earth drill. C. W. Kandle. 2,352,326; June 27.
Earth drilling operations, Method for use in. E. L. Binkley. 2,365,858; Dec. 26.
Earth mover. E. W. Austin. 2,353,120; July 11.
Earth moving and material handling. G. W. Carlson. 2,360,316; Oct. 17.
Earth moving machine. J. J. Pellett. 2,342,795; Mar. 7.
Earth-moving machinery. J. S. Burns. 2,365,677; Dec. 26.
Earth-moving mechanism. H. G. Eastman. 2,359,711; Oct. 3.
Earth pigments and coating compositions, Preparation of alkaline. A. D. Wilson. 2,345,311; Mar. 28.
Easel. S. P. Moore. 2,353,625; July 11.
Easel, Collapsible cardboard. J. W. Hulme. 2,360,681; Oct. 17.
Easel, Photographic enlarging. F. H. Peterson. 2,348,999; May 16.
Eccentric driving gear. A. R. J. Wilkinson. 2,357,247; Aug. 29.
Echo sounding apparatus. D. O. Sproule. 2,339,588; Jan. 18.
Echo sounding device. P. Orlich, G. Negel, and H. Harts. 2,361,703; Oct. 31.
Edge binding for sheet holder covers. W. P. Pitt. 2,363,355; Nov. 21.
Edge gauging mechanism. E. L. Butler. 2,356,213; Aug. 22.
Edge leakage in metal oxide-metal rectifiers, Reducing. R. A. Ehrhardt. 2,361,680; Oct. 31.
Edge ornamentation for fabrics. F. Lutz. 2,354,215; July 25.

Edge setting machine. W. Hamann and R. H. Weller. 2,355,217; Aug. 8.
Edging having an anchoring flap and producing the same, Upholstery. A. R. Mitchell. 2,359,047; Sept. 26.
Edible compositions, Producing. F. E. Parker. 2,353,924; July 18.
Edible products, Decorating. C. E. Seagren. 2,353,594; July 11.
Educational apparatus. M. L. Brown. 2,352,182; June 27.
Educational apparatus. M. Gloeckler. 2,338,426; Jan. 4.
Educational apparatus. P. W. Nesbit. 2,340,251; Jan. 25.
Educational article. M. E. Ballestero. 2,352,361; June 27.
Educational device. I. Barens. 2,359,460; Oct. 3.
Educational device. A. J. Gilardi. 2,359,907; Oct. 10.
Educational device. R. A. Heyden. 2,338,850; Jan. 11.
Educational device. J. V. Horr. 2,353,238; July 11.
Educational device. L. D. Schoolfield. 2,361,154; Oct. 24.
Educational device. L. L. Witter. 2,349,066; May 16.
Educational device for demonstrating nutritional food and food ingredient comparisons. E. Bennett. 2,356,561; Aug. 22.
Effervescent fluids, Dispensing. T. A. Hutsell. 2,358,512; Sept. 19.
Egg carton, Cellular. L. Schwartzberg. 2,346,400; Apr. 11.
Egg cleaning apparatus. J. A. Grant. 2,357,892; Sept. 12.
Egg grading machine. R. C. Sneed and C. S. Jordan. 2,347,068; Apr. 18.
Egg handling and conveying apparatus. E. S. Schneider. 2,359,006; Sept. 26.
Egg lifting and transferring device, Combination. A. de Mezey. 2,361,461; Oct. 31.
Egg material, Treatment of liquid. B. R. Harris. 2,346,682; Apr. 18.
Egg sorting method and mechanism. A. L. Romanoff. 2,362,774; Nov. 14.
Egg substance and resulting product, Treatment of. C. N. Frey and G. E. Miller. 2,358,324; Sept. 19.
Egg tray set. H. Kenigson. 2,351,051; June 13.
Eggs, Encasing. J. R. Grant. 2,346,161; Apr. 11.
Eggs, Filtering. J. M. Hansen. 2,361,028; Oct. 24.
Eggs, Shelling. D. T. Archer. 2,354,096; July 18.
Eggs, Whitening. J. D. Ingle. 2,342,345-6; Feb. 22.
Ejection opening cover for firearms. G. R. Gans. 2,341,767; Feb. 15.
Ejector. L. F. Punsalan. 2,344,563; Mar. 21.
Elastic attachment for vise jaws. H. P. Fest. 2,340,316; Feb. 1.
Elastic band, article of wearing apparel embodying the same and their production. S. R. Fry. 2,351,199; June 13.
Elastic connector. J. A. Petrullo. 2,338,966; Jan. 11.
Elastic fabric. M. C. Teague. 2,353,525; July 11.
Elastic fabric, Laminated. T. G. Hawley, Jr. 2,338,243; Jan. 4.
Elastic fluid power plant. F. B. Schneider. 2,350,197; May 30.
Elastic fluid turbine arrangement. R. Sheppard. 2,338,548; Jan. 4.
Elastic impression compositions. G. R. Dickson and I. C. Schoonover. 2,359,512; Oct. 3.
Elastic padding support. F. B. and H. E. Williams. 2,341,254; Feb. 8.
Elastic polychloroprene, Processing of. L. H. Howland. 2,338,286; Jan. 4.
Elastic suspension of axle aggregates. K. Wilfert. 2,357,370; Sept. 5.
Electric air circuit breaker. R. M. Bennett. 2,363,853; Nov. 28.
Electric apparatus. E. V. De Blieux. 2,339,625; Jan. 18.
Electric apparatus. L. H. Burnham. 2,347,989; May 2.
Electric appliance. D. M. Dow and F. H. Burmeister. 2,348,966; May 16.
Electric apparatus. M. Neuner. 2,351,448; June 13.
Electric apparatus. T. T. Short. 2,353,511; July 11.
Electric apparatus. P. A. Vance. 2,354,078; July 18.
Electric apparatus. E. J. Zelt. 2,340,727; Feb. 1.
Electric apparatus. E. J. Zelt. 2,359,186; Sept. 26.
Electric apparatus with fluid system therefor. K. K. Paluev. 2,341,058; Feb. 8.
Electric arc apparatus. H. W. Bousman and J. B. Miles, Jr. 2,358,620; Sept. 19.
Electric arc etching electrode. T. Miller. 2,354,871; Aug. 1.
Electric arc furnace. F. W. Brooke. 2,343,443; Mar. 7.
Electric arc furnace. F. W. Brooke. 2,365,521; Dec. 19.
Electric arc furnace. R. Nissim. 2,363,078; Nov. 21.
Electric arc welding. J. M. Tyrner. 2,351,083; June 13.
Electric arc welding electrode holder. J. L. Foley and D. B. Malarkey. 2,347,598; Apr. 25.
Electric articles, Impregnating. J. G. Tandberg. 2,354,074; July 18.
Electric automatic starter. W. Heinemann. 2,365,267; Dec. 19.
Electric balance or scale. D. S. Granberry. 2,357,891; Sept. 12.
Electric bell. L. J. Stern. 2,344,523; Mar. 21.
Electric bell buzzer. I. Goodbar. 2,342,730; Feb. 29.
Electric blanket temperature control apparatus. W. K. Kearsley. 2,344,820; Mar. 21.
Electric blasting cap. R. W. Lawrence. 2,350,172; May 30.
Electric blasting cap. A. B. Miller. 2,356,337; Aug. 22.
Electric blasting caps, Packaging. H. B. Alexander and C. H. Cordle. 2,352,998; July 4.
Electric boiling apparatus. E. Challet. 2,341,017; Feb. 8.
Electric braking system. E. H. Piron. 2,350,636; June 6.
Electric cable. C. E. Bennett. 2,344,501; Mar. 21.
Electric cable. A. L. Parker. 2,348,641; May 9.
Electric cable. J. C. Quayle. 2,348,752; May 16.
Electric cables, Installing. L. I. Komives. 2,347,912; May 2.
Electric capacitor. B. B. Minnium. 2,348,693; May 9.
Electric circuit. E. Clarke. 2,339,052; Jan. 11.
Electric circuit. S. B. Crary. 2,360,110; Oct. 10.
Electric circuit. S. Doba, Jr. 2,363,659; Nov. 28.
Electric circuit. O. P. McCarty. 2,360,147; Oct. 10.
Electric circuit. S. Minneci. 2,360,148; Oct. 10.
Electric circuit. S. Minneci. 2,363,891; Nov. 28.
Electric circuit. T. W. Schroeder. 2,347,512; Apr. 25.
Electric circuit. H. C. Stewart and K. D. Beardsley. 2,363,909; Nov. 28.
Electric circuit. J. F. Wilcox. 2,352,988; July 4.
Electric circuit breaker. R. J. Baskerville. 2,347,984; May 2.
Electric circuit breaker. R. M. Bennett. 2,345,375; Mar. 28.
Electric circuit breaker. J. A. Henley. 2,349,095; May 16.
Electric circuit breaker. L. S. Hobson. 2,347,052; Apr. 18.
Electric circuit breaker. G. E. Jansson. 2,365,082; Dec. 12.
Electric circuit breaker. S. R. Smith, Jr. 2,357,853; Sept. 12.
Electric circuit breaker and operating the same. D. Journeaux. 2,364,981; Dec. 12.
Electric circuit breaker of the gas-blast type. D. F. Amer. 2,365,134; Dec. 12.
Electric circuit breaker of the gas-blast type. D. F. Amer and A. Rawling. 2,365,132; Dec. 12.
Electric circuit breaker of the gas-blast type. D. F. Amer and W. H. Webb. 2,365,133; Dec. 12.
Electric circuit breaker with compressed fluid blowout. B. M. H. P. Fernier. 2,343,917; Mar. 14.
Electric circuit controller. G. R. Townsend and C. I. Hall. 2,346,520; Apr. 11.
Electric circuit-interrupting device. A. H. Powell. 2,343,224; Feb. 29.
Electric circuit interruptor. J. D. Gayer, E. J. Frank and A. C. Boisseau. 2,353,453; July 11.
Electric circuit molding. H. R. Van Deventer. 2,361,721; Oct. 31.
Electric clamp. G. E. Meese, H. C. Wunderlich and A. J. Marshaus. 2,344,160; Mar. 14.
Electric clock. J. Fink and T. B. Gibbs. 2,356,983; Aug. 29.
Electric clock system. O. H. Dicke. 2,359,973; Oct. 10.
Electric clutch and brake mechanism. H. F. Doll. 2,354,854; Aug. 1.
Electric coil. W. J. Doelker. 2,342,532; Feb. 22.
Electric condenser. J. L. Finch. 2,344,239; Mar. 14.
Electric condensers or other articles on support plates, Mounting. W. C. Handley and J. C. Quayle. 2,354,015; July 18.
Electric conductor. J. Lepetit. 2,351,056; June 13.
Electric connector. M. Alden. 2,353,628; July 18.
Electric connector. R. Gray. 2,362,200; Nov. 7.
Electric contact. V. E. Heil. 2,362,005; Nov. 7.
Electric contact element. A. H. Powell. 2,340,682; Feb. 1.
Electric contacts, Manufacture of. E. I. Shobert, II., and A. J. Schutz. 2,360,522; Oct. 17.
Electric control. C. J. Lundborg. 2,362,652; Nov. 14.
Electric control. M. E. Whitenack. 2,359,955; Oct. 10.
Electric control apparatus. H. F. Elliott. 2,343,540; Mar. 7.
Electric control circuit. M. E. Bivens. 2,359,080; Sept. 26.
Electric control circuit. B. Cooper. 2,355,952; Aug. 15.
Electric control circuit. F. Hölters. 2,355,727; Aug. 15.
Electric control circuit. O. W. Livingston. 2,348,553; May 9.
Electric control circuit. L. C. Ludbrook. 2,341,280; Feb. 8.
Electric control circuit. A. H. Mittag. 2,362,294; Nov. 7.
Electric control circuit. H. L. Palmer and E. D. Schneider. 2,364,998; Dec. 12.
Electric control circuit. G. L. Rogers. 2,340,694; Feb. 1.
Electric control circuit. J. L. Stratton. 2,354,930; Aug. 1.
Electric control circuits. J. A. Kratz. 2,348,259; May 9.
Electric control device. H. Machinist. 2,357,122; Aug. 29.
Electric control device, Liquid operated. W. Koeppe and G. Kodal. 2,356,593; Aug. 22.
Electric control for fluid operated machines. T. A. Bryson. 2,341,689; Feb. 15.
Electric control gauge. M. W. Crew. 2,357,877; Sept. 12.
Electric control switch. A. Simmon. 2,338,305; Jan. 4.

Electric control system. A. C. Boisseau and B. S. Beall. 2,349,647; May 23.
Electric controlling apparatus. A. M. Cohen. 2,340,579; Feb. 1.
Electric controlling apparatus. F. G. Logan. 2,338,250; Jan. 4.
Electric controlling device. M. M. Yardeny. 2,342,717; Feb. 29.
Electric conversion. H. R. Fowler. 2,342,336; Feb. 22.
Electric cooker. G. W. Hunter. 2,345,049; Mar. 28.
Electric cooker. C. E. Stainbrook. 2,344,373; Mar. 14.
Electric cooking appliance. J. J. Gough. 2,361,285; Oct. 24.
Electric cooking appliance. I. Jepson. 2,342,077; Feb. 15.
Electric coupling. H. F. McLoughlin, W. E. Hill, R. W. Morgan, and T. D. G. Wintle. 2,360,304; Oct. 10.
Electric crucible. L. F. Black and C. H. Mellor. 2,351,894; June 20.
Electric current collector. M. R. Hanna. 2,345,429; Mar. 28.
Electric current collector. J. C. Rhoads. 2,345,428; Mar. 28.
Electric dashboard instrument. N. Nasar. 2,362,021; Nov. 7.
Electric discharge apparatus. D. D. Knowles. 2,340,061; Jan. 25.
Electric discharge apparatus. R. W. Pearson and C. B. Stadum. 2,340,077; Jan. 25.
Electric discharge circuit. N. F. Smith, Jr. 2,341,396; Feb. 8.
Electric discharge device. W. E. Berkey. 2,365,517; Dec. 19.
Electric discharge device. W. E. Berkey and W. H. Cutting. 2,365,518; Dec. 19.
Electric discharge device. D. E. Elmendorf. 2,351,254; June 13.
Electric discharge device. D. D. Hinman. 2,353,668; July 18.
Electric discharge device. J. H. Hutchings. 2,345,397; Mar. 28.
Electric discharge device. G. E. Inman, E. Lemmers, and R. N. Thayer. 2,341,990; Feb. 15.
Electric discharge device. W. J. Karash and E. Lemmers. 2,351,616; June 20.
Electric discharge device. W. J. Knochel and S. J. Cherry. 2,344,552; Mar. 21.
Electric discharge device. E. Lemmers. 2,363,070; Nov. 21.
Electric discharge device. W. G. Shepherd. 2,362,937; Nov. 14.
Electric discharge device. A. H. Toepfer. 2,365,608; Dec. 19.
Electric discharge device. A. C. Wall. 2,351,564; June 13.
Electric discharge device and electrode therefor. L. B. Johnson. 2,363,531; Nov. 28.
Electric discharge device and fabrication thereof. J. E. Beggs. 2,352,933; July 4.
Electric discharge device and operation. E. Lemmers. 2,351,270; June 13.
Electric discharge device circuit. M. C. Abbott. 2,354,654; Aug. 1.
Electric discharge lamp and starting device. H. J. McCarthy. 2,346,109; Apr. 4.
Electric discharge lamp starting device. H. J. McCarthy. 2,343,282; Mar. 7.
Electric discharge lamp starting device. H. J. McCarthy. 2,351,440; June 13.
Electric discharge tube. F. Coeterier. 2,347,990; May 2.
Electric dry shaver. L. H. Amdur. 2,347,869; May 2.
Electric dry shaver, Multidirectional. A. Romao. 2,346,225; Apr. 11.
Electric dry-shaving apparatus having shearing head guard. V. and W. Kobler. 2,350,048; May 30.
Electric fraser. J. H. McElroy and F. W. Kalkhuis. 2,343,227; Mar. 7.
Electric feeler control for machine tools. E. F. Müller. 2,351,626; June 20.
Electric fence. S. G. Klumb. 2,343,300; Mar. 7.
Electric fence control unit. T. S. Harris. 2,346,965; Apr. 18.
Electric fillet welding apparatus. A. W. Baird. 2,357,376; Sept. 5.
Electric filter. A. J. Dévot. 2,355,516; Aug. 8.
Electric fluid turbine. H. Kraft. 2,362,831; Nov. 14.
Electric frequency converter system. L. H. Paddle. 2,362,153; Nov. 7.
Electric fuel pump. C. J. Lauer, R. L. Bowers and K. Forsbey. 2,352,958; July 4.
Electric furnace. D. Gardner. 2,353,614; July 11.
Electric furnace machine. H. A. Strickland, Jr. 2,365,021; Dec. 12.
Electric fuse. O. Ziegel. 2,342,320; Feb. 22.
Electric fuse plug cap. R. T. Brittain. 2,338,994; Jan. 11.
Electric gaseous discharge device. R. C. Hilliard and W. V. Smith. 2,365,342; Dec. 19.
Electric gauge. H. T. Rights, H. L. Bernarde, and F. J. Altman. 2,365,593; Dec. 19.
Electric generator. P. Ostenberg. 2,362,151; Nov. 7.
Electric grass and weed cutter. H. W. Shelton. 2,351,490; June 13.
Electric handsaw. W. E. Gundelfinger and O. Lamb. 2,346,961; Apr. 18.
Electric hair-waving device. S. C. Whitman. 2,344,906; Mar. 21.
Electric heater. L. M. Daly. 2,347,993; May 2.
Electric heater. L. E. Van Hise. 2,355,687; Aug. 15.
Electric heating apparatus. C. H. Hodgkins. 2,363,326; Nov. 21.
Electric heating systems for garments and other objects. U. Munschak. Re. 22,512; July 4.
Electric hoist. H. F. Parker. 2,355,325; Aug. 8.
Electric holder. W. T. Cockrill and T. J. Duncan. 2,352,939; July 4.
Electric horn. E. H. Church. 2,352,602; July 4.
Electric horn. O. Lucas. 2,351,090; June 20.
Electric igniter for gaseous fuel burners. L. S. Kauffman and B. C. Douglas. 2,360,607; Oct. 17.
Electric igniters for gaseous fuel burners, Making. L. S. Kauffman and B. C. Douglas. 2,360,606; Oct. 17.
Electric igniting apparatus. J. J. Shively. 2,340,773; Feb. 1.
Electric ignition system and apparatus. J. A. Laird. 2,356,676; Aug. 22.
Electric impulse motor. E. L. Ransom. 2,343,325; Mar. 7.
Electric impulses, Producing. P. Morland and J. A. Smith. 2,350,797; June 6.
Electric induction apparatus. G. Camilli. 2,352,166; June 27.
Electric induction apparatus. M. O. Marsh. 2,336,088; Jan. 11.
Electric induction furnace. W. Richter. 2,363,994; Nov. 28.
Electric insulating material. A. A. New, S. G. Foord, and D. R. Beckwith. 2,365,646; Dec. 19.
Electric iron with pilot light. W. W. Coons. 2,340,737; Feb. 1.
Electric lamp. A. G. Carter. 2,338,621; Jan. 4.
Electric lamp. W. M. Johnson. 2,347,055; Apr. 18.
Electric lamp. A. Kratky. 2,348,825; May 16.
Electric lamp and making the same, Incandescent. G. C. Singer. 2,365,224; Dec. 19.
Electric lamp socket. J. F. Beal. 2,339,751; Jan. 25.
Electric lens. C. H. Bachman. 2,347,982; May 2.
Electric lighting device. P. Baker. 2,343,518; Mar. 7.
Electric lighting equipment. Z. Bay and G. Szigeti. 2,344,122; Mar. 14.
Electric lighting fixture. H. C. King. 2,347,113; Apr. 18.
Electric lighting set. C. R. Jans. 2,354,598; July 25.
Electric lock. K. J. J. McGowan. 2,360,956; Oct. 24.
Electric machine control. W. V. H. Williams. 2,357,568; Sept. 5.
Electric measuring instrument. R. G. Arey. 2,348,006; May 2.
Electric meat chopper and tenderizer. A. L. Jackson. 2,346,686; Apr. 18.
Electric meat tenderizer. A. L. Jackson. 2,364,533; Dec. 5.
Electric meter. B. D. Hickok. 2,355,649; Aug. 15.
Electric metering device. L. C. Truesdell. 2,347,526; Apr. 25.
Electric motor. F. E. Fischer. 2,342,133; Feb. 22.
Electric motor. J. L. Hamilton. 2,353,235; July 11.
Electric motor. B. G. Olving. 2,355,175; Aug. 8.
Electric motor. A. W. Plensler. Re. 22,549; Sept. 26.
Electric motor. M. B. Sawyer. 2,364,000; Nov. 28.
Electric motor. F. Wolf and F. Sigmund. 2,343,354; Mar. 7.
Electric motor and making same. A. W. Haydon. 2,353,305; July 11.
Electric motor control. H. Steinbach. 2,338,979; Jan. 11.
Electric motor control system. H. G. Hamilton. 2,351,508; June 13.
Electric motor control unit. W. P. Lear. 2,356,253; Aug. 22.
Electric motor controller. J. M. Newman. 2,342,961; Feb. 29.
Electric motor for military aircraft. R. D. Ingalls. 2,360,303; Oct. 10.
Electric motor structure. K. Lannert. 2,353,047; July 4.
Electric multistep controller. W. Raymond. 2,339,191; Jan. 11.
Electric operator for opening and closing doors. J. H. Banks and H. R. Jurgens. 2,363,929; Nov. 28.
Electric panel board. R. L. Hodgkins and F. W. Lewis. 2,363,327; Nov. 21.
Electric power control circuit. R. H. Burdick. 2,340,791; Feb. 1.
Electric power distribution system. E. T. Carlson. 2,341,841; Feb. 15.
Electric power systems, Protection of alternating current. P. H. Light. 2,347,493; Apr. 25.
Electric power transmission system. H. A. Peterson. 2,346,026; May 2.
Electric pressing iron. W. M. Cissell. 2,365,332; Dec. 19.
Electric propulsion mechanism. R. P. Guilar. 2,348,808; May 16.
Electric protective arrangement. L. F. Kennedy. 2,346,971; Apr. 18.
Electric radiant energy device. A. G. Foote. 2,342,044; Feb. 15.
Electric range. E. A. Rutenber. 2,346,237; Apr. 11.

Electric razor. D. A. Burns. 2,339,677; Jan. 18.
Electric razor. B. G. Olving. 2,350,805; June 6.
Electric razor. J. H. Rand, Jr. 2,343,705; Mar. 7.
Electric razor head assembly. L. C. Saxe. 2,355,898; Aug. 15.
Electric regulating apparatus. E. H. Haug. 2,358,456; Sept. 19.
Electric regulating circuit. E. H. Haug. 2,358,394; Sept. 19.
Electric regulator. F. Newton. 2,342,008; Feb. 15.
Electric regulator. F. Newton. 2,363,612; Nov. 28.
Electric regulator. L. R. Nixon. 2,356,341; Aug. 22.
Electric relay means. H. W. Lord. 2,350,785; June 6.
Electric relay system. C. P. Clare. 2,355,055; Aug. 8.
Electric remote-control system. S. A. Jansson. 2,351,684; June 20.
Electric resistance element, more particularly of resistance thermometers. A. C. Denisoff and B. P. Scanlan. 2,349,614. May 23.
Electric resistance, Variable. L. W. Miller. 2,358,991; Sept. 26.
Electric resistor unit. C. M. Osterheld. 2,357,906; Sept. 12.
Electric resistor unit, Encased. C. M. Osterheld. 2,360,265; Oct. 10.
Electric salt bath furnace. H. A. Bolnick. 2,349,678; May 23.
Electric selection controlling circuit. G. Deakin and H. F. Herbig. 2,354,667–8; Aug. 1.
Electric selection controlling circuit. H. F. Herbig. 2,354,682; Aug. 1.
Electric shaver. H. E. Page. 2,355,672; Aug 15.
Electric shaver. W. J. Pasinski. 2,364,162; Dec. 5.
Electric shaver. J. Verschuyl. 2,365,368; Dec. 19.
Electric ship propulsion system. E. F. W. Alexanderson. 2,357,087; Aug. 29.
Electric ship propulsion system. F. E. Crever. 2,357,086; Aug. 29.
Electric shortening dispenser. G. Chalupa. 2,340,932; Feb. 8.
Electric signaling. E. Bruce and R. C. Mathes. 2,342,245; Feb. 22.
Electric signaling. R. V. L. Hartley. 2,344,612; Mar. 21.
Electric signaling. A. W. Horton, Jr. 2,348,131; May 2.
Electric signaling. W. H. Martin. 2,341,934; Feb. 15.
Electric signaling apparatus. G. R. Fish. 2,360,666; Oct. 17.
Electric signaling system. F. Fairley and R. Walsh. 2,343,759; Mar. 7.
Electric snap switch. A. J. Stouges. 2,361,712; Oct. 31.
Electric socket. L. Pollock. 2,360,444; Oct. 17.
Electric soldering device. E. Mestitz. 2,341,938; Feb. 15.
Electric soldering iron. G. L. Ward. 2,340,629; Feb. 1.
Electric space heater. J. J. Kuettel. 2,353,247; July 11.
Electric speedometer. H. M. Norman. 2,339,743; Jan. 18.
Electric sphygmometer. H. R. Lippitt. 2,354,818; Aug. 1.
Electric stop motion for axminster looms. W. Y. Robb. 2,365,008; Dec. 12.
Electric storage battery. A. Setzer. 2,349,763; May 23.
Electric switch. M. Babenco. 2,365,444; Dec. 19.
Electric switch. C. H. Bayer. 2,345,374; Mar. 28.
Electric switch. C. H. Bayer. 2,363,287; Nov. 21.
Electric switch. R. S. Bennett and S. R. Smith. 2,354,907; Aug. 1.
Electric switch. J. Bierenfeld and L. G. Maechtlen. 2,352,765; July 4.
Electric switch. A. A. Bluemle. 2,347,874; May 2.
Electric switch. H. C. Bolley. 2,348,519; May 9.
Electric switch. G. E. Coxon. 2,359,623; Oct. 3.
Electric switch. T. W. Drury. 2,347,894; May 2.
Electric switch. W. L. Dunn and A. W. Plensler. 2,350,392; June 6.
Electric switch. E. F. Goets. 2,360,670; Oct. 17.
Electric switch. L. Grossman and A. F. Bahlke. 2,343,008; Feb. 29.
Electric switch. W. A. Gussow and T. E. Curtis. 2,354,991; Aug. 1.
Electric switch. H. C. Hall. 2,354,750; Aug. 1.
Electric switch. G. A. Healls. 2,351,426; June 13.
Electric switch. E. E. Johnson. 2,344,249; Mar. 14.
Electric switch. E. E. Johnson. 2,346,311; Apr. 11.
Electric switch. W. M. Johnson. 2,349,354; May 23.
Electric switch. E. F. Kalvin. 2,350,043; May 30.
Electric switch. F. E. Lange. 2,355,222; Aug. 8.
Electric switch. V. L. Mares. 2,348,015; May 2.
Electric switch. J. H. McCord. 2,357,675; Sept. 5.
Electric switch. J. S. Nunes. 2,350,966; June 6.
Electric switch. H. Olken. 2,356,174; Aug. 22.
Electric switch. J. A. Oppel. 2,348,021; May 2.
Electric switch. L. Pierce. 2,343,323; Mar. 7.
Electric switch. E. Popp. 2,344,788; Mar. 21.
Electric switch. L. T. Rader. 2,361,238; Oct. 24.
Electric switch. C. F. Robbins. 2,357,972; Sept. 12.
Electric switch. J. W. Samselius. 2,345,007; Mar. 28.
Electric switch. J. W. Samselius. 2,359,159; Sept. 26.
Electric switch. C. A. Schaefer. 2,343,807; Mar. 7.
Electric switch. C. A. Schaefer. 2,360,723; Oct. 17.
Electric switch. G. Smiley and C. L. Delano. 2,351,236; June 13.
Electric switch. A. G. Stimson. 2,362,855; Nov. 14.
Electric switch. T. W. Thirlwell. 2,365,120; Dec. 12.
Electric switch. R. N. Thomas and T. I. Maslin. 2,356,631; Aug. 22.
Electric switch. H. L. Van Valkenburg. 2,352,815; July 4.
Electric switch. H. L. Van Valkenburg. 2,363,912; Nov. 28.
Electric switch. E. J. von Henke. 2,352,992; July 4.
Electric switch and indicating mechanism. G. E. Ford, W. W. Hastings, and W. B. Connolly. 2,343,545; Mar. 7.
Electric switch for door jambs. H. W. Batcheller. 2,338,481; Jan. 4.
Electric switch construction. L. W. Bangasser. 2,351,181; June 13.
Electric switchgear. R. E. Bold. 2,362,798; Nov. 14.
Electric switch means. J. F. O'Brien. 2,352,653; July 4.
Electric switch mechanism. E. L. Fish and D. E. Maben. 2,350,551; June 6.
Electric switches, Operating means for. J. F. O'Brien. 2,345,001; Mar. 28.
Electric switches, Quick breaking means for. W. R. Brooks. 2,359,614; Oct. 3.
Electric switching device. F. C. Doughman and E. C. Wahlbert. 2,360,856; Oct. 24.
Electric system. H. E. Edgerton. 2,342,257; Feb. 22.
Electric system. W. N. Tuttle. 2,354,718; Aug. 1.
Electric system and device therefor. G. T. Southgate. 2,354,711; Aug. 1.
Electric systems, Supervision of. O. C. Traver and E. H. Bancker. 2,360,176; Oct. 10.
Electric temperature indicator. J. W. Smith. 2,359,334; Oct. 3.
Electric testing arrangement. E. M. S. McWhirter and R. H. Dunn. 2,359,572; Oct. 3.
Electric toaster. E. J. Ricard. 2,357,288; Sept. 5.
Electric tool, Portable hand held. W. G. Mitchell. 2,346,778; Apr. 18.
Electric torch. D. Karo. 2,347,482; Apr. 25.
Electric traveling hoist. G. E. Bock. 2,353,437; July 11.
Electric treadle. R. D. Conklin. 2,346,009; Apr. 4.
Electric valve apparatus. C. H. Willis. 2,361,254; Oct. 24.
Electric valve circuit. M. E. Bivens. 2,361,169; Oct. 24.
Electric valve circuit. W. C. Hutchins. 2,361,845; Oct. 31.
Electric valve circuit. O. W. Livingston. 2,355,453; Aug. 8.
Electric valve circuit. L. W. Morton. 2,362,295; Nov. 7.
Electric valve circuits. G. W. Garman. 2,361,846; Oct. 31.
Electric valve circuits. K. Hessenberg. 2,356,589; Aug. 22.
Electric valve circuits. L. G. Levoy, Jr. 2,359,130; Sept. 26.
Electric valve circuits. A. H. Mittag. 2,351,062; June 13.
Electric valve circuits. C. H. Willis and M. A. Edwards. 2,359,181; Sept. 26.
Electric valve control circuit. A. Schmidt, Jr., and C. C. Herskind. 2,348,652; May 9.
Electric valve control circuit. J. L. Stratton. 2,352,231; June 27.
Electric valve control circuits. O. W. Livingston. 2,366,038; Dec. 26.
Electric valve protective circuit. A. H. Mittag. 2,348,653; May 9.
Electric valve time delay relay. E. D. Schneider. 2,366,060; Dec. 26.
Electric valve translating system. E. F. W. Alexanderson. 2,357,067; Aug. 29.
Electric vaporizer. J. Robinson. 2,358,349; Sept. 19.
Electric vibrator, Solenoid operated. W. H. M. Heller. 2,338,640; Jan. 4.
Electric water heater. A. Peet. 2,347,122; Apr. 18.
Electric water light. C. Linhardt, Jr. 2,355,982; Aug. 15.
Electric water light. G. Miller. 2,346,695; Apr. 18.
Electric wave amplifier with feedback. J. O. Edson. 2,362,195; Nov. 7.
Electric wave circuit. K. D. Smith. 2,339,198; Jan. 11.
Electric wave generator. T. M. Libby. 2,341,632; Feb. 15.
Electric wave system. M. K. Zinn. 2,350,951; June 6.
Electric waving iron. L. I. Francis. 2,362,748; Nov. 14.
Electric welding apparatus. A. W. Baird. 2,361,918; Nov. 7.
Electric welding handle. P. Eriksen. 2,345,532; Mar. 28.
Electric welding machine. R. E. Long. 2,355,983; Aug. 15.
Electric welding machine. F. Martindell. 2,343,686–7; Mar. 7.
Electric welding rod holder. R. M. Gooderham. 2,361,284; Oct. 24.
Electric windshield wiper. G. E. Coxon and W. H. Farr. 2,364,603; Dec. 12.
Electric wiring apparatus. V. R. Despard. 2,353,882; July 18.
Electrical alarm and testing system. E. M. Roeder. 2,363,551; Nov. 28.
Electrical analysis. T. Zuschlag. 2,353,211; July 11.
Electrical apparatus. L. H. Bedford and W. H. Stevens. 2,360,466; Oct. 17.

Electrical apparatus. D. A. Bell. 2,363,288; Nov. 21.
Electrical apparatus. H. A. Chubbuck. 2,356,972; Aug. 29.
Electrical apparatus. B. C. Fleming-Williams. 2,361,998; Nov. 7.
Electrical apparatus. W. C. Grabau. 2,359,308; Oct. 3.
Electrical apparatus. G. Holst and J. Hoekstra. 2,359,645; Oct. 3.
Electrical apparatus. R. M. Nardone. 2,353,317; July 11.
Electrical apparatus. H. H. Race. 2,340,898; Feb. 8.
Electrical apparatus. H. L. Rawlins and E. H. Fischer. 2,361,240; Oct. 24.
Electrical apparatus. J. M. Roberts. 2,353,268; July 11.
Electrical apparatus. F. L. Snyder. 2,349,682; May 23.
Electrical apparatus. W. Specht. 2,353,518; July 11.
Electrical apparatus. F. R. Strafford. 2,365,118; Dec. 12.
Electrical apparatus. R. G. Taylor and C. C. Honeywell. 2,353,281; July 11.
Electrical apparatus. F. J. Vogel. 2,341,001; Feb. 8.
Electrical apparatus. F. J. Vogel. 2,347,009; Apr. 18.
Electrical apparatus and method. L. C. Miller and H. A. Chubbuck. 2,357,017; Aug. 29.
Electrical apparatus, Cooling. E. Venable. 2,361,249; Oct. 24.
Electrical apparatus, Enclosed and protected. S. R. Naysmith. 2,362,148; Nov. 7.
Electrical apparatus, Mounting. C. H. Hill. Re. 22,498; June 20.
Electrical appliance switch. C. R. McMann. 2,339,495; Jan. 18.
Electrical battery. J. Baum. 2,352,759; July 4.
Electrical biasing means. W. C. Eddy. 2,360,663; Oct. 17.
Electrical bore logging, Apparatus for. G. Muffly. 2,364,159; Dec. 5.
Electrical cable. W. K. Priestley. 2,344,635; Mar. 21.
Electrical calculating equipment. W. Hatton and L. Kozma. 2,340,809; Feb. 1.
Electrical calculating equipment. L. Kozma and J. Kruithof. 2,344,885; Mar. 21.
Electrical circuit. S. W. Seeley. 2,359,447; Oct. 3.
Electrical circuit. F. J. Somers. 2,344,745; Mar. 21.
Electrical circuit controller. C. J. Holslag. 2,365,957; Dec. 26.
Electrical circuits. A. W. Vance. 2,347,008; Apr. 18.
Electrical communication. D. A. Griffin. 2,354,749; Aug. 1.
Electrical condenser. P. Robinson. 2,350,823; June 6.
Electrical conductor. D. Finlayson. E. L. Greenwood, and W. J. Simpson. 2,364,702; Dec. 12.
Electrical conductor. C. S. Fuller. 2,349,952; May 30.
Electrical conductor. C. S. Fuller and A. R. Kemp. 2,349,951; May 30.
Electrical conductor and making it. C. C. Smith. 2,359,540; Oct. 3.
Electrical conductor carrying vinyl resin composition. W. F. Hemperly. 2,349,413; May 23.
Electrical conductors in insulators, Sealing. D. H. Corbin and R. R. Barrington. 2,342,842; Feb. 29.
Electrical connecting means for well bore apparatus. G. L. Kothny. 2,339,274; Jan. 18.
Electrical connecting socket and plug. E. L. Scott. 2,340,822; Feb. 1.
Electrical connection. M. N. Bolles. 2,364,124; Dec. 5.
Electrical connection means. F. Beal. 2,361,448; Oct. 31.
Electrical connection means. T. W. Drury. 2,346,831; Apr. 18.
Electrical connector. J. B. Campbell. 2,338,281; Jan. 4.
Electrical connector. B. W. Carlisle and A. J. Mastropole. 2,339,146; Jan. 11.
Electrical connector. R. A. Funk. 2,339,329; Jan. 18.
Electrical connector. J. O. Johnson. 2,350,765; June 6.
Electrical connector. W. B. Heffner and W. Willenbruch. 2,345,671; Apr. 4.
Electrical connector. P. A. Pontius. 2,340,078; Jan. 25.
Electrical connector. F. O. Read. 2,352,224; June 27.
Electrical connector. W. L. Rubel and F. M. Kratoville. 2,339,324; Jan. 18.
Electrical connector. H. Trees and C. E. Morris. 2,357,858; Sept. 12.
Electrical connector for tubes. K. McLaughlin. 2,353,348; July 11.
Electrical connector plug. R. W. Carlisle and A. J. Mastropole. 2,339,147; Jan. 11.
Electrical contact element. G. J. Comstock. 2,365,249; Dec. 19.
Electrical contact roll. R. L. Palmer and B. E. Phelps. 2,357,490; Sept. 5.
Electrical contact tip and making same. I. W. Cox. 2,347,172; Apr. 25.
Electrical control apparatus. A. E. Dodd. 2,351,495; June 13.
Electrical control apparatus. A. Hufnagel. 2,340,752; Feb. 1.
Electrical control apparatus. A. L. Jerome. 2,365,641; Dec. 19.
Electrical control apparatus. A. Winther. Re. 22,432; Feb. 1.
Electrical control circuit. R. H. Smith, L. E. Miller, and L. M. Dunning. 2,343,335; Mar. 7.
Electrical control circuit. F. J. Somers. 2,363,813; Nov. 28.
Electrical control means. A. O. Grooms. 2,346,836; Apr. 18.
Electrical control system. J. W. Dawson. 2,355,633; Aug. 15.
Electrical control system. G. Deakin. 2,351,016; June 13.
Electrical control system. H. Klemperer. 2,341,562; Feb. 15.
Electrical control system. R. I. Markey. 2,362,211; Nov. 7.
Electrical control system. H. S. Young. 2,360,092; Oct. 10.
Electrical controlling apparatus. C. W. Wyman. 2,358,198; Sept. 12.
Electrical control system for the operation of braking means of warping or beaming plants. F. Lambach. 2,347,198; Apr. 25.
Electrical cooking apparatus. J. W. Myers. 2,347,707; May 2.
Electrical counter. P. E. Nokes. 2,354,768; Aug. 1.
Electrical coupling device. W. M. Roberds. 2,355,560; Aug. 8.
Electrical depth marker. F. F. Segesman. 2,350,832; June 6.
Electrical device. C. M. Beyer. 2,360,467; Oct. 17.
Electrical device. F. Lichtgarn. 2,358,406; Sept. 19.
Electrical device. C. R. Mason. 2,345,409; Mar. 28.
Electrical device, Encased. A. H. Lamb. 2,363,796; Nov. 28.
Electrical discharge device. W. W. Eitel and J. A. McCullough. 2,355,717-8; Aug. 15.
Electrical discharge device. W. C. Hahn. Re. 22,506; June 27.
Electrical discharge device. D. Harker. 2,362,616; Nov. 14.
Electrical discharge device. A. W. Hull. 2,341,920; Feb. 15.
Electrical discharge device. H. H. Race. 2,351,066; June 13.
Electrical discharge device. H. H. Race. 2,351,543; June 13.
Electrical discharge device and making the same. W. W. Eitel and J. A. McCullough. 2,352,522; June 27.
Electrical distribution system. R. C. Bergvall. 2,359,079; Sept. 26.
Electrical distribution system. E. T. Carlson. 2,363,396; Nov. 21.
Electrical distribution system. W. H. Frank, L. E. Fisher, and R. L. Frank. 2,343,216; Feb. 29.
Electrical distribution system. W. H. Frank and L. E. Fisher. 2,350,601; June 6.
Electrical distribution system. J. S. Parsons. 2,340,075; Jan. 25.
Electrical distribution system. J. S. Parsons. 2,354,138; July 18.
Electrical distribution system. J. S. Parsons. 2,356,083; Aug. 15.
Electrical distribution system. W. G. Wehr. 2,358,116; Sept. 12.
Electrical distribution system for vehicles. K. Schmitt. 2,338,460; Jan. 4.
Electrical distributor. E. Zoerlein, J. L. McCloud, and J. A. Mickey. 2,365,925; Dec. 26.
Electrical distributor and composition thereof. E. Zoerlein, J. L. McCloud, and J. A. Mickey. 2,365,926; Dec. 26.
Electrical drive, Variable speed. G. H. Gibson. 2,345,805; Apr. 4.
Electrical dust precipitator. G. W. Penney. 2,347,709; May 2.
Electrical dust precipitator, Small-size high capacity. E. H. R. Pegg. 2,359,149; Sept. 26.
Electrical energy generating system. A. N. Goldsmith. 2,338,239; Jan. 4.
Electrical equipment. H. H. Sullins. 2,354,339; July 25.
Electrical extension. H. Hartmann. 2,362,481; Nov. 14.
Electrical fixture. E. G. K. Anderson. 2,349,924; May 30.
Electrical flap control. G. H. Gill. 2,348,212; May 9.
Electrical gaseous discharge lamp. C. G. Smith. 2,355,117; Aug. 8.
Electrical gauge. G. L. Garvin. 2,360,121; Oct. 10.
Electrical generating station. A. C. Monteith. 2,361,229; Oct. 24.
Electrical governor. A. Winther. 2,353,107; July 4.
Electrical heating apparatus. H. C. Gillespie. 2,343,453; Mar. 7.
Electrical heating apparatus. H. C. Gillespie. 2,348,338; May 9.
Electrical heating apparatus. L. Marano. 2,349,509; May 23.
Electrical heating element. B. Horsfield. 2,363,130; Nov. 21.
Electrical ignition system. R. L. Anderson. 2,359,959; Oct. 10.
Electrical ignition system for gaseous fuel burners. V. Weber. Re. 22,554; Oct. 10.
Electrical indicating and measuring apparatus. O. R. Rogers. 2,365,218; Dec. 19.
Electrical induction apparatus. F. J. Vogel. 2,359,174; Sept. 26.

Electrical input controller. H. J. Ostermann and T. A. Cohen. 2,354,965; Aug. 1.
Electrical instrument. W. N. Goodwin, Jr. 2,346,572; Apr. 11.
Electrical instrument. V. I. Zuck. 2,343,728; Mar. 7.
Electrical insulating compositions. B. O. and H. L. Beck, and C. H. Gunthorp. 2,357,072; Aug. 29.
Electrical insulating material and making same. H. Singer. 2,341,062; Feb. 8.
Electrical insulating section for metallic conduits. E. K. Newton. 2,359,239; Sept. 26.
Electrical insulation. K. H. Barnard. 2,342,522; Feb. 22.
Electrical insulation. W. E. Gordon. 2,348,536; May 9.
Electrical logging, Inductive-capacitive. M. C. Bowsky. 2,358,441; Sept. 19.
Electrical measurements, Method and apparatus for effecting. H. Lehde. 2,347,200; Apr. 25.
Electrical measuring apparatus. R. E. Beason. 2,365,592; Dec. 19.
Electrical measuring apparatus. H. A. Simmons. 2,360,523; Oct. 17.
Electrical measuring device. T. D. Barnes. 2,349,242; May 23.
Electrical measuring device. W. B. Gaylord. 2,363,057; Nov. 21.
Electrical measuring device. F. J. Lingel. 2,342,947; Feb. 29.
Electrical measuring device. A. J. Petzinger. 2,365,588; Dec. 19.
Electrical measuring instrument, S. C. Hoare. 2,348,005; May 2.
Electrical measuring instrument. F. J. Lingel. 2,338,694; Jan. 4.
Electrical measuring instrument. F. J. Lingel. 2,346,495; Apr. 11.
Electrical measuring instrument. R. L. Triplett. 2,346,521; Apr. 11.
Electrical measuring instruments, Forming. L. J. Lunas. 2,347,058; Apr. 18.
Electrical meter. G. H. Klay and F. J. Lingel. 2,364,724; Dec. 12.
Electrical motor brake. W. G. Grimes. 2,340,052; Jan. 25.
Electrical musical instrument. J. M. Hanert. 2,342,338; Feb. 22.
Electrical musical instrument. S. W. McKellip. 2,340,001; Jan. 25.
Electrical musical instrument. S. W. McKellip and J. R. Ford. 2,340,002; Jan. 25.
Electrical network. E. D. Goodale. 2,354,592; July 25.
Electrical or mechanical connector. W. G. Donaldson. 2,347,089; Apr. 18.
Electrical outlet. G. H. Von Gebr. 2,348,665; May 9.
Electrical outlet box. E. L. Scott. 2,340,823; Feb. 1.
Electrical piezometer. C. C. Minter. 2,358,467; Sept. 19.
Electrical play control mechanism. J. D. Weaver. 2,361,893; Oct. 31.
Electrical power supply system. G. Wikkenhauser. 2,359,886; Oct. 10.
Electrical precipitation apparatus. J. H. Hamilton. 2,354,457; July 25.
Electrical precipitator. C. W. J. Hedberg. 2,349,550; May 23.
Electrical precipitator, Self-cleaning. I. A. Yost and E. H. R. Pegg. 2,352,061; June 20.
Electrical process of producing villous or pubescent synthetic yarn. W. R. McLain. 2,362,572; Nov. 14.
Electrical prospecting. G. Muffly. 2,354,535; July 25.
Electrical protecting system. C. W. Baird. 2,341,135; Feb. 8.
Electrical protective alarm system. H. M. Laford. 2,346,171; Apr. 11.
Electrical protective device. K. R. Brown and C. E. Mosley. 2,340,609; May 23.
Electrical protective system. S. H. Cowin. 2,342,845; Feb. 29.
Electrical rectifier. C. H. Zierdt, Jr. 2,338,890; Jan. 11.
Electrical recording stylus and making the same. J. H. Hackenberg and R. J. Wise. 2,346,675; Apr. 18.
Electrical rectifier. R. Overholt, Jr. 2,352,283; June 27.
Electrical regulator. J. L. Stratton. 2,356,629; Aug. 22.
Electrical relay. S. B. Aylsworth. 2,363,038; Nov. 21.
Electrical relay. P. H. Crago. 2,353,392; July 11.
Electrical relay. A. E. Dodd. 2,355,959; Aug. 15.
Electrical relay. A. H. Lamb. 2,353,616; July 11.
Electrical relay. P. N. Martin. 2,345,490; Mar. 28.
Electrical relay. P. N. Martin. 2,355,543; Aug. 8.
Electrical resistance alloy. V. O. Allen and J. F. Polak. 2,343,039-40; Feb. 29.
Electrical resistance alloy. T. H. Noll. 2,359,781; Oct. 10.
Electrical resistance device. C. A. Framburg, Jr., and E. W. Larson. 2,348,462; May 2.
Electrical resistor. L. Podolsky. 2,347,796; May 2.
Electrical resistor device. S. Ruben. 2,355,690; Aug. 15.
Electrical rotor core. W. H. Brady. 2,350,012; May 30.
Electrical shaver. R. D. S. Hagopian. 2,342,467; Feb. 22.
Electrical shunt for pipe couplings. H. H. Febrey. 2,347,897; May 2.
Electrical signaling system. R. Taylor and G. T. Baker. 2,350,652; June 6.
Electrical signalling system. J. F. Mackenzie. 2,348,399; May 9.
Electrical socket and contact for the same. E. E. Hannigan. 2,356,398; Aug. 22.
Electrical speed controller. C. A. Vatter. 2,350,431; June 6.
Electrical stop mechanism. E. E. Garrett. 2,362,197; Nov. 7.
Electrical surge device. G. W. Goldner. 2,357,887; Sept. 12.
Electrical surveying. N. Douglas. 2,364,957; Dec. 12.
Electrical switch. J. W. Livingston. 2,347,834; May 2.
Electrical switch. M. F. Pravda. 2,360,072; Oct. 10.
Electrical switch. S. J. Roesch and J. W. Myers. 2,357,225; Aug. 29.
Electrical switch. K. L. Wade. 2,362,869; Nov. 14.
Electrical switching. R. E. Graham. 2,356,514; Aug. 22.
Electrical system. M. A. Edwards. 2,338,498; Jan. 4.
Electrical system. M. A. Edwards. 2,352,620; July 4.
Electrical system. D. E. Garr. 2,352,619; July 4.
Electrical system. J. D. Ryder and A. J. Hornfeck. 2,343,116; Feb. 29.
Electrical system and apparatus. P. K. Ranney. 2,354,879; Aug. 1.
Electrical system for firing gun. F. T. Robidoux. 2,338,872; Jan. 11.
Electrical terminal and making it. C. M. Beyer. 2,338,485; Jan. 4.
Electrical terminal connector. W. C. MacFadden. 2,360,701; Oct. 17.
Electrical terminal fixtures, Making. R. H. McCabe. 2,338,524; Jan. 4.
Electrical testing. G. Makuh. 2,351,441; June 13.
Electrical testing apparatus. F. J. Lingel. 2,338,695; Jan. 4.
Electrical testing apparatus and method. R. E. Sears. 2,352,499; June 27.
Electrical testing device. R. Pash. 2,360,618; Oct. 17.
Electrical timing apparatus. A. B. Newton. 2,346,079; Apr. 4.
Electrical timing circuit. J. R. Wilkerson. 2,342,318; Feb. 22.
Electrical timing system. L. W. Melcher. 2,350,409; June 6.
Electrical strain responsive apparatus. W. H. Harman, Jr. 2,360,493; Oct. 17.
Electrical transformer apparatus. C. P. Boucher. 2,343,365; Mar. 7.
Electrical translating instrument. F. J. Lingel. 2,339,021; Jan. 11.
Electrical transmission of pictures and/or characters. H. Lübeck. 2,350,051; May 30.
Electrical transmission system. W. H. T. Holden. 2,339,406; Jan. 18.
Electrical wave modulation. E. I. Green. 2,347,098; Apr. 18.
Electrical well caliper. F. T. Robidoux. 2,340,987; Feb. 8.
Electrically conductive body, Molded. H. J. Loftis. 2,361,220; Oct. 24.
Electrically controlled automotive transmission. F. W. Cotterman. 2,343,955; Mar. 14.
Electrically controlled fluid-pressure operated motor. W. F. F. Martin-Hurst. 2,366,121; Dec. 26.
Electrically controlled hoist for monorails. A. L. Medenwald and E. B. Spencer. 2,360,505; Oct. 17.
Electrically controlled hydraulic press. P. E. Flowers. 2,348,076; May 9.
Electrically controlled operating system for revolving doors. T. M. Hagenbook. 2,341,545; Feb. 15.
Electrically driven toy vehicle. O. Fischer. 2,350,740; June 6.
Electrically forming tubes. S. and A. Westin. 2,345,692; Apr. 4.
Electrically forming tubular shape. W. C. Heath. 2,345,670; Apr. 4.
Electrically heated glue pot. F. Kuhn and L. H. Thomas. 2,360,691; Oct. 17.
Electrically heated molten bath furnace. R. C. Upton. 2,355,761; Aug. 15.
Electrically heated soldering iron. C. L. Pfeiffer. 2,346,327; Apr. 11.
Electrically insulated element. P. Robinson. 2,350,822; June 6.
Electrically lighted lamp. E. Dore. 2,347,313; Apr. 25.
Electrically melting glass, Method and furnace. F. Dumarest. 2,350,734; June 6.
Electrically operated control device. E. Binder. 2,347,590; Apr. 25.
Electrically operated motor vehicles. J. E. Bowker. 2,348,053; May 2.
Electrically operated rotary paint brush. G. R. Dillin. 2,347,470; Apr. 25.
Electrically operated window regulator. E. L. Ackerman and A. V. Crump. 2,356,642; Aug. 22.
Electrically wound clock. V. J. S. Russell and E. B. Moss. 2,340,697; Feb. 1.
Electricity conductor unit. J. F. O'Brien. 2,351,630; June 20.
Electricity conductor unit. J. F. O'Brien. 2,351,631; June 20.

Electricity conductor unit. J. F. O'Brien. 2,352,654; July 4.
Electroacoustic device. J. S. P. Roberton. 2,360,796; Oct. 17.
Electroautomatic document collector and distributor. W. C. Gibson. 2,344,140; Mar. 14.
Electrochemical valve recovery apparatus. W. E. Cummins and W. W. Stapp. 2,350,992. June 13.
Electrocleaning process. F. F. Martin and J. I. Clark. 2,347,272; Apr. 25.
Electrode and making same. J. B. Brennan. 2,361,378; Oct. 31.
Electrode assembly. A. E. Cameron. 2,340,642; Feb. 1.
Electrode assembly for discharge tubes. N. B. Krim. 2,355,083; Aug. 8.
Electrode assembly of electronic valves. B. Erber. 2,350,922; May 30.
Electrode brace. W. W. Watrous, Jr. 2,353,775; July 18.
Electrode, Composite. A. F. Meston. 2,364,641; Dec. 12.
Electrode dressing means, Automatic. J. C. Whitesell, Jr. 2,357,033; Aug. 29.
Electrode element for dry disk rectifiers. S. Ruben. 2,348,211; May 9.
Electrode for discharge devices. B. N. Clack and C. E. Ransley. 2,338,837; Jan. 11.
Electrode for sparking plugs. J. C. Chaston and K. S. G. Perryes. 2,344,597; Mar. 21.
Electrode for use in electrolytic processes. E. A. Schumacher and G. W. Heise. 2,358,419; Sept. 19.
Electrode frame structure. G. Hagerup-Larssen. 2,338,936; Jan. 11.
Electrode holder. B. F. Budd. 2,347,880; May 2.
Electrode holder. P. Bourque. 2,353,123; July 11.
Electrode holder. T. S. Donnelly, Jr. 2,346,363; Apr. 11.
Electrode holder. T. S. Donnelly, Jr. 2,358,220; Sept. 12.
Electrode holder. H. F. Fuller. 2,358,800; Sept. 26.
Electrode holder. C. P. Gibbert. 2,358,158; Sept. 12.
Electrode holder. W. C. Gosch. 2,351,852; June 20.
Electrode holder. G. B. Klingenberg. 2,357,663; Sept. 5.
Electrode holder. C. Mathews and C. Chinzi. 2,349,510; May 23.
Electrode holder. L. J. Nellis. 2,357,844; Sept. 12.
Electrode holder. J. E. Paulson. 2,342,966; Feb. 29.
Electrode holder. L. H. Roland. 2,360,016; Oct. 10.
Electrode holder. T. R. Sweet. 2,340,496; Feb. 1.
Electrode holder for spectrographic analysis. B. F. Scribner and C. H. Corliss. 2,346,512; Apr. 11.
Electrode holder for welding apparatus. A. A. Bernard. 2,364,507; Dec. 5.
Electrode material, Saving welding. C. J. Holslag. 2,344,775; Mar. 21.
Electrode, Porous condenser. R. U. Clark. 2,359,970; Oct. 10.
Electrode power conversion. J. T. L. Brown. 2,359,727; Oct. 3.
Electrode, Self-aligning. E. I. Shobert, II. 2,346,088; Apr. 4.
Electrode, Starter. E. G. F. Arnott. 2,358,615; Sept. 19.
Electrode structure. F. Landauer. 2,347,915; May 2.
Electrode system. M. S. Glass. 2,355,795; Aug. 15.
Electrodes, Forming. H. Fenker. 2,347,501; Apr. 25.
Electrodes in ceramic insulators, Sealing spark plug. J. A. Jeffery. 2,355,443; Aug. 8.
Electrodes, Manufacture of. A. F. Meston. 2,352,651; July 4.
Electrodes, Suspension of self-baking. G. Hagerup-Larssen. 2,339,230; Jan. 11.
Electrodeposition of copper from fused baths. J. H. Young. 2,347,450; Apr. 25.
Electrodeposition of nickel. H. C. Mougey and R. J. Wirshing. 2,338,529; Jan. 4.
Electrodynamic vibrator. H. Benioff. 2,346,655; Apr. 18.
Electroforming method of producing dispensing tools. E. O. Wheaton. 2,351,568. June 13.
Electrohydraulic solenoid. H. O. Putt. 2,352,119; June 20.
Electro-hydrothermic oil-well processor. D. F. Troupe. 2,350,429; June 6.
Electrofluid apartment heater. T. H. Noll. 2,360,071; Oct. 10.
Electrolysis. H. L. Stewart. 2,340,254; Jan. 25.
Electrolytic cell. J. N. Smith. 2,361,974; Nov. 7.
Electrolytic cell systems, Location of faults in. V. F. Hanson. 2,347,408; Apr. 25.
Electrolytic condensers, Manufacture of. K. G. Compton. 2,351,321; June 13.
Electrolytic deposition of manganese. P. M. Ambrose. 2,237,451; Apr. 25.
Electrolytic deposition of metal. C. G. Harford. 2,355,970; Aug. 8.
Electrolytic precipitation of dissolved substances from solutions. R. E. Briggs. 2,341,356; Feb. 8.
Electrolytic preparation of alkali metal ferricyanides. H. R. Neumark. 2,353,781; July 18.
Electrolytic preparation of capillary-active quaternary ammonium hydroxides. L. H. Bock. 2,363,386; Nov. 21.
Electrolytic preparation of sodium ferricyanide. H. R. Neumark. 2,353,782; July 18.
Electrolytic process for coating aluminum and aluminum alloys. M. Farr, Jr. 2,349,083; May 16.
Electrolytic process of preparing quaternary ammonium hydroxide. L. H. Bock. 2,363,387; Nov. 21.
Electrolytic production of alloys. W. W. Shropshire and A. L. Frohman. 2,341,244; Feb. 8.
Electrolytic production of unsaturated ketols. A. Krämli and L. Vargha. 2,356,506; Aug. 22.
Electrolytic recording. J. V. L. Hogan, H. C. Ressler and W. H. Tribble. 2,339,267; Jan. 18.
Electrolytic recording. A. R. Wagner. 2,358,839; Sept. 26.
Electrolytic refining of copper-bearing materials. S. A. Corren. 2,361,013; Oct. 24.
Electrolytic sheet treating apparatus. H. J. Paynter. 2,342,688; Feb. 29.
Electrolytic water correction device. B. M. Butler. 2,348,882; May 16.
Electromagnet. E. H. Ayers. 2,361,808; Oct. 31.
Electromagnet. E. J. Martin. 2,338,775; Jan. 11.
Electromagnet. M. G. Nelsen. 2,360,006; Oct. 10.
Electromagnet. P. Trombetta. 2,344,751; Mar. 21.
Electromagnet and relay. H. K. Kouyoumjian. 2,357,959; Sept. 12.
Electromagnet structure. A. Warsher. 2,351,377; June 13.
Electromagnetic actuating mechanism for solenoid valves or the like. C. J. Lane and A. M. Patterson. 2,353,835; July 18.
Electromagnetic apparatus. C. T. Hayes. 2,351,963; June 20.
Electromagnetic apparatus and making the same. M. B. Sawyer. 2,354,551; July 25.
Electromagnetic audible signal. S. M. Kenerson. 2,357,743; Sept. 5.
Electromagnetic brake. C. S. Janes. 2,353,900; July 18.
Electromagnetic check gauge. F. H. Beach. 2,358,782; Sept. 26.
Electromagnetic control, Antichattering. F. G. Logan. 2,360,954; Oct. 24.
Electromagnetic control device. H. Müns. 2,338,967; Jan. 11.
Electromagnetic coupling. M. Liwschitz. 2,359,133; Sept. 26.
Electromagnetic device. R. H. Badgley. 2,338,566; Jan. 4.
Electromagnetic device. H. B. Behlmer. 2,356,137; Aug. 8.
Electromagnetic device. R. F. Edgar. 2,352,948; July 4.
Electromagnetic device. K. S. Knol and M. J. O. Strutt. 2,359,224; Sept. 26.
Electromagnetic device. R. D. Nelsen. 2,360,511; Oct. 17.
Electromagnetic device. T. J. Pethes, Jr. 2,355,237; Aug. 8.
Electromagnetic device. W. R. Ray. 2,345,151; Mar. 28.
Electromagnetic device. H. T. Sparrow. 2,344,178; Mar. 14.
Electromagnetic friction device. A. B. Cadman. 2,351,598; June 20.
Electromagnetic friction device. J. G. Oetzel. 2,353,185; July 11.
Electromagnetic friction device. J. G. Oetzel. 2,353,749–50; July 18.
Electro-magnetic impulse motors, Making. H. E. Upham. 2,364,572; Dec. 5.
Electromagnetic induction apparatus. T. M. Evans. 2,344,294; Mar. 14.
Electromagnetic induction apparatus. M. O. Troy. 2,359,173; Sept. 26.
Electromagnetic induction apparatus, Making. A. G. Steinmayer. 2,344,006; Mar. 14.
Electromagnetic inspection system. C. S. Williams. 2,349,687; May 23.
Electromagnetic method and apparatus for pipe line surveying and exploration. C. J. Penther and F. B. Rolfson. 2,358,027; Sept. 12.
Electromagnetic motive means. F. C. Fisher. 2,365,632; Dec. 19.
Electromagnetic motor. J. A. and J. B. Traylor. 2,354,488; July 25.
Electromagnetic multiple-disk clutch. A. Ryba. 2,344,111; Mar. 14.
Electromagnetic operator. H. L. Van Valkenburg and J. Bierenfeld. 2,360,744; Oct. 17.
Electromagnetic oscillating device with freely oscillating armature. C. E. Eichhorn. 2,338,900; Jan. 11.
Electromagnetic regulator and switch, combined. F. Menzel. 2,354,038; July 18.
Electromagnetic resetting apparatus. C. Paulson. 2,341,412; Feb. 8.
Electromagnetic tenter clip. A. F. Haskins. 2,350,961; June 6.
Electromagnetic testing machine chuck. P. H. Brace and C. S. Williams. 2,345,091; Mar. 28.
Electromagnetic time element device. F. H. Winter. 2,339,125; Jan. 11.
Electromagnetic translating device. B. B. Bauer. 2,356,810; Aug. 29.
Electromagnetically actuated brake. W. F. Penerose. 2,365,726; Dec. 26.
Electromagnetically controlled device. L. C. Biggie. 2,343,861; Mar. 14.
Electromagnetically controlled thermionic relays. L. M. Potts. 2,352,657; July 4.

Electromagnetically operated switch. J. Eaton. 2,344,809; Mar. 21.
Electromagnetically operated valve. W. A. Ray. 2,353,848; July 18.
Electromechanical filter. C. E. Lane. 2,358,087; Sept. 12.
Electromechanical method of and means for conditioning surfaces of metal bodies. L. W. Young and E. W. Deck. 2,355,838; Aug. 15.
Electromechanical vibrator system. F. T. Turner. 2,349,125; May 16.
Electromotor-driven mechanical stoker. J. H. Jacobsen. 2,356,590; Aug. 22.
Electron discharge apparatus. J. H. Fremlin. 2,342,263; Feb. 22.
Electron discharge apparatus. F. J. G. van den Bosch. 2,342,986; Feb. 29.
Electron discharge circuit. W. W. Moe. 2,363,349; Nov. 21.
Electron discharge circuits, Reactive. J. F. Wilcox and E. W. Kenefa. 2,363,918; Nov. 28.
Electron discharge device. C. Depew. 2,346,913; Apr. 18.
Electron discharge device. H. L. Downing and J. W. West. 2,356,035; Aug. 15.
Electron discharge device. C. Herzog. 2,339,402; Jan. 18.
Electron discharge device. J. C. Irwin. 2,352,635; July 4.
Electron discharge device. J. L. H. Jonker. 2,340,594; Feb. 1.
Electron discharge device. A. Langer. 2,340,967; Feb. 8.
Electron discharge device. J. B. Little and V. L. Ronci. 2,342,412; Feb. 22.
Electron discharge device. C. V. Litton. 2,359,769; Oct. 10.
Electron discharge device. I. E. Mouromtseff and G. M. Dimick. 2,360,707; Oct. 17.
Electron discharge device. K. Posthumus, F. M. Penning, E. G. Dorgelo, and C. Verburg. 2,347,797; May 2.
Electron discharge device. O. H. Schade. 2,364,761; Dec. 12.
Electron discharge device. C. N. Smyth. 2,338,306; Jan. 4.
Electron discharge device. E. Steudel. 2,343,487; Mar. 7.
Electron discharge device. J. W. West. 2,341,752; Feb. 15.
Electron discharge device. J. W. West. 2,350,003; May 30.
Electron discharge device. J. W. West. 2,356,112; Aug. 15.
Electron discharge device and assembly thereof. C. T. Goddard. 2,355,432; Aug. 8.
Electron discharge device and circuit. B. Salsberg. 2,342,896; Feb. 29.
Electron discharge device and elements thereof. G. K. Teal. 2,361,719; Oct. 31.
Electron discharge device and manufacture. V. L. Holdaway, E. Thurber, and L. A. Wooten. 2,361,203; Oct. 24.
Electron discharge device and manufacture. L. A. Wooten. 2,348,045; May 2.
Electron discharge device circuit. F. B. Anderson. 2,346,545; Apr. 11.
Electron discharge device circuits. J. E. Young. 2,349,534; May 23.
Electron discharge device mount spacer. D. F. Holshouser. 2,348,216; May 9.
Electron discharge device system. H. E. Goldstine. 2,342,897; Feb. 29.
Electron discharge tube structure. G. P. Chevigny. 2,345,794; Apr. 4.
Electron emission device. C. M. Slack and L. F. Ehrke. 2,349,468; May 23.
Electron emitting element. E. A. Thurber. 2,352,137; June 20.
Electron flow device. Z. J. Atlee and R. F. Wilson. 2,348,184; May 9.
Electron holder. F. G. Van Dyke. 2,348,270; May 9.
Electron lens structure. F. Gray. 2,351,501; June 13.
Electron microscope. L. Marton. 2,347,328; Apr. 25.
Electron microscope object chamber. C. J. Young. 2,347,348; Apr. 25.
Electron microscope, Scanning type of. R. L. Snyder, Jr. 2,348,030; May 2.
Electron microscopes, Focusing of. J. A. Rajchman. 2,348,031; May 2.
Electron microscopy. E. G. Ramberg. 2,347,965; May 2.
Electron multiplier. F. J. G. van den Bosch. 2,338,885; Jan. 11.
Electron multiplier. S. Van Mierlo. 2,346,952; Apr. 18.
Electron multiplier apparatus. F. J. G. van den Bosch. 2,340,407; Feb. 1.
Electron optical instrument. J. Hillier. 2,360,872; Oct. 24.
Electron switching device. J. W. Cox. 2,339,682; Jan. 18.
Electron switching for speed control circuits. J. W. Cox. 2,356,221; Aug. 22.
Electron tube. R. Scharfnagel. 2,348,852; May 16.
Electron tube device for ultra short waves. A. Allerding. 2,351,895; June 20.
Electron tube oscillator circuit. W. D. Hershberger. 2,354,262; July 25.
Electron tube oscillator circuit. W. D. Hershberger. 2,354,636; July 25.
Electron tube system, Push-pull. W. E. Gilbert. 2,361,282; Oct. 24.
Electronic alarm. J. T. Repking. 2,355,752; Aug. 15.
Electronic apparatus. W. F. Wolfner, II. 2,352,240; June 27.
Electronic apparatus. W. F. Wolfner, II. 2,357,371; Sept. 5.
Electronic balance. H. Zieboltz. 2,360,751; Oct. 17.
Electronic commutators, Signaling with. O. T. Francis. 2,343,290; Mar. 7.
Electronic control apparatus. W. F. Wolfner, II. 2,358,433; Sept. 19.
Electronic control for telecommunication selector switches. G. Deakin and T. H. Clark. 2,339,684; Jan. 18.
Electronic control system. D. P. Faulk. 2,363,305; Nov. 21.
Electronic control system. R. W. Pearson and D. P. Faulk. 2,354,140; July 18.
Electronic discharge device. J. E. Clark, J. V. Domaleski, and V. L. Ronci. 2,356,566; Aug. 22.
Electronic discharge device. W. A. Depp. 2,340,799; Feb. 1.
Electronic discharge lamp devices, Producing high frequency oscillations in illuminating. C. Spaeth. 2,340,012; May 16.
Electronic indicating device. L. C. Sipman. 2,365,601; Dec. 19.
Electronic microscope. M. von Ardenne. 2,361,722; Oct. 31.
Electronic power factor relay overload protection. M. J. Brown. 2,361,172; Oct. 24.
Electronic switch and rectangular wave generator. W. A. Knoop, Jr., and L. F. Cramer. 2,365,476; Dec. 19.
Electronic synchronization system. E. E. Harper. 2,352,541; June 27.
Electronic telegraph repeater. W. D. Cannon and L. B. Wheeler. 2,341,902; Feb. 15.
Electronic timing control. S. J. Murcek. 2,359,142; Sept. 26.
Electronic translating device. H. Zieboltz and P. Glass. 2,347,922; Sept. 12.
Electronic translating device. H. Zieboltz. 2,358,901; Sept. 26.
Electronic tube. T. A. Cohen. 2,354,946; Aug. 1.
Electronic tube circuit. O. H. Schade. 2,363,809; Nov. 28.
Electro-optical signaling. L. W. Morrison, Jr. 2,343,568; Mar. 7.
Electroperforator. J. W. Meaker and E. H. Yonkers, Jr. 2,365,576; Dec. 19.
Electrophotographic apparatus. C. F. Carlson. 2,357,809; Sept. 12.
Electroplated receptacle. G. K. P. Kraft. 2,348,549; May 9.
Electroplating. E. W. Schweikher. 2,351,639; June 20.
Electroplating apparatus. C. W. Eisenheimer. 2,362,474; Nov. 14.
Electroplating apparatus. J. S. Nachtman. 2,341,157–8; Feb. 8.
Electroplating apparatus. R. H. Olsen. 2,355,236; Aug. 8.
Electroplating method. J. D. Baster. 2,346,349; Apr. 11.
Electroplating reel. F. Dürr. 2,349,946; May 30.
Electroprocessing machine. V. Finston. 2,341,606; Feb. 15.
Electroreciprocal system. T. J. Murphy. 2,344,164; Mar. 14.
Electroresponsive device. A. R. van C. Warrington. 2,352,985; July 4.
Electrostatic condenser and dielectric therefor. S. Ruben. 2,360,367; Oct. 17.
Electrostatic lens for corpuscular ray apparatus. B. von Borries and E. Ruska. 2,359,290; Oct. 3.
Electrostatic method and apparatus. C. K. Gravley. 2,359,476; Oct. 3.
Electrostatic separation of particles. R. C. Johnson and R. Marchant. 2,361,946; Nov. 7.
Electrostatic separation process and apparatus. H. B. Johnson and R. B. Packer. 2,357,658; Sept. 5.
Electrostatic spinning. H. R. Childs. 2,338,570; Jan. 4.
Electrothermic oil well processor. D. F. Troupe. 2,362,680; Nov. 14.
Electrothermic reactions, Carrying out. C. G. Suits. 2,353,770; July 18.
Electrowelding apparatus. O. S. A. Mesch and W. T. Pritchard. 2,342,594; Feb. 22.
Electrowelding apparatus. O. S. A. Mesch. 2,342,595; Feb. 22.
Elements of compressed and sintered powders. P. E. Cate. 2,362,353; Nov. 7.
Elevated steel tank. G. T. Horton. 2,341,100; Feb. 8.
Elevated tank. R. W. de Vore. 2,346,129; Apr. 11.
Elevated tank. G. T. Horton. 2,358,805; Sept. 26.
Elevated tank. J. O. Jackson. 2,349,096; May 16.
Elevating apparatus for handling bulk materials. E. P. Escher. 2,364,353; Dec. 5.
Elevating apparatus for handling bulk materials. J. L. Kozak and C. F. Abraham. 2,360,776; Oct. 17.
Elevating bed vehicle. L. C. Swim and C. H. Williams. 2,351,846; June 20.

Elevating gate. F. A. Novotney. 2,348,993; May 16.
Elevating mechanism. L. J. Meyer. 2,339,938; Jan. 25.
Elevating mechanism for machine tool knees. F. W. Curtis. 2,338,624; Jan. 4.
Elevation post, Size compensating. S. C. Miller. 2,343,691; Mar. 7.
Elevator. E. E. Evans. 2,362,809; Nov. 14.
Elevator and rock picker, Combined. M. and W. M. Madsen. 2,363,682; Nov. 28.
Elevator and table support for drill pipes. W. A. Abegg. 2,362,042; Nov. 7.
Elevator cars, Method of and apparatus for ventilating. J. S. Coulton and I. R. Disbro. 2,350,389; June 6.
Elevator, Continuous. F. G. R. Magnusson. 2,365,714; Dec. 26.
Elevator control. L. F. Jaseph. 2,355,164; Aug. 8.
Elevator control system. E. M. Bouton. 2,361,170; Oct. 24.
Elevator control system. W. F. Eames and B. Hines. 2,359,092; Sept. 26.
Elevator control system. W. F. Eames. 2,363,302; Nov. 21.
Elevator control system. S. T. Hunt. 2,347,054; Apr. 18.
Elevator control system. H. W. Williams. 2,359,179; Sept. 26.
Elevator device. G. E. Mullinix and A. E. Hambly. 2,354,217; July 25.
Elevator, Duplex rail assembling. H. C. Wauson and W. E. Bennett, Jr. 2,346,340; Apr. 11.
Elevator, Duplex rail assembly. H. C. Wauson and W. E. Bennett, Jr. 2,356,959; Aug. 29.
Elevator, Grain. A. N. Olson. 2,357,220; Aug. 29.
Elevator, Hydraulic. F. Hymans. 2,359,112; Sept. 26.
Elevator, Pipe. W. W. Wilson. 2,356,805; Aug. 29.
Elevator, Portable. G. B. Davis. 2,344,134; Mar. 14.
Elevator, Portable grain loading. S. E. Dolyniuk. 2,355,711; Aug. 15.
Elevator signaling system. H. Hadsel. 2,338,582; Jan. 4.
Eliminating graining in photography, Process and apparatus for. E. Schuffan. 2,343,586; Mar. 7.
Elimination of the cumulative effect of expansion and contraction in knitting machines and the like. P. Schmidt. 2,357,361; Sept. 5.
Eliminator, Cord stretch. O. D. Grimes. 2,365,069; Dec. 12.
Eliminator, Ice and sludge. N. F. La Breche and W. S. Fandrei. 2,342,740; Feb. 29.
Eliminator, Insect. H. C. Easter. 2,340,944; Feb. 8.
Elongated metal stock, Continuous production of. F. C. Elder, W. M. Henry, and M. W. Reed. 2,359,095; Sept. 26.
Embodiment in the process for manufacturing textile fibers from animal casein. A. Ferretti. 2,338,916; Jan. 11.
Embossing. J. G. Kinlein. 2,343,191; Feb. 29.
Embossing method and means. G. H. Callum. 2,339,145; Jan. 11.
Embrasure shutter for airplane combat hoods. J. Linke and A. Schneider. 2,338,950; Jan. 11.
Embroidery stitching attachment for sewing machines. V. J. Sigoda. 2,365,222; Dec. 19.
Emergency and signaling outfit. L. Armstrong. 2,343,272; Mar. 7.
Emergency brake device. L. J. Devlin, H. W. Adams, F. Landgraf, and C. S. Glasgow. 2,351,935; June 20.
Emergency calling set. C. Espeseth. 2,358,498; Sept. 19.
Emergency exit door lock. C. A. Balch. 2,343,619; Mar. 7.
Emergency shutdown system for engine fuel pumps. D. B. Staples. 2,360,526; Oct. 17.
Emergency telephone system. C. S. Rhoads. 2,346,115; Apr. 4.
Emergency wheel brake. A. R. Jackson. 2,344,148; Mar. 14.
Empty-bottle rack. H. C. Robinson and T. F. Challis. 2,338,959; Jan. 11.
Emulsifying agent and making same. J. E. Taylor. 2,365,515; Dec. 26.
Emulsifying composition. C. C. Folkrod. 2,344,683; Mar. 21.
Emulsion. J. N. Borglin. 2,351,912; June 20.
Emulsion. K. M. Gaver. 2,347,678; May 2.
Emulsion. A. L. Wilson. 2,349,326; May 23.
Emulsion and application therefor, Reversible. J. H. Fritz and E. A. Robinson. 2,347,178; Apr. 25.
Emulsion composition. C. B. Hemming. 2,346,755; Apr. 18.
Emulsion, Making coconut. J. F. McCashen. 2,361,697; Oct. 31.
Emulsion, Photographic. G. E. Fallesen. 2,343,650; Mar. 7.
Emulsion-polymerization. H. Fikentscher. 2,363,951; Nov. 28.
Emulsions and colloidal solutions, Separation of. J. E. E. Edvarson. 2,365,256; Dec. 19.
Emulsions, Breaking of crude oil. M. S. Agruss and H. Schindler. 2,365,853; Dec. 26.
Emulsions in paste form and textiles printed with the same. F. Enderlin and L. Schibler. 2,361,277; Oct. 24.
Emulsions of the oil in water type, Producing. K. O. Aismark. 2,359,503; Oct. 3.
Emulsions, Stabilization of. H. L. Wampner. 2,359,066; Sept. 26.
Enamel. A. J. Deyrup. 2,351,252; June 13.
Enamel and making, Wrinkling. W. A. Waldie. 2,344,189; Mar. 14.
Enamel coated objects and producing same, Vitreous. C. A. Getz and G. Weidmann. 2,360,413; Oct. 17.
Enamel, Lead-free. A. J. Deyrup. 2,352,425; June 27.
Enamel, Metallic finish. R. E. Pike. 2,343,925; Mar. 14.
Enamel remover composition, Finger nail. A. Dreyling. 2,351,195; June 13.
Enameling. L. J. Frost. 2,347,187; Apr. 25.
Enameling, Vitreous. C. J. Kinzie and D. S. Hake. 2,343,908; Mar. 14.
Enamels, Production and utilization of vitreous. L. C. Athy and P. C. Stuff. 2,361,376; Oct. 31.
Enamels, Production of white opaque. W. Kerstan. 2,338,439; Jan. 4.
Enamelware and making same. C. J. Kinzie and C. H. Commons, Jr. 2,340,884; Feb. 8.
Enamelware equipment, Repair of vitreous. S. W. Sheoard and J. S. Magielnicki. 2,355,474; Aug. 8.
Enamelware, Making. W. J. Baldwin. 2,359,283; Oct. 3.
Encasement for wire drawing dies. O. G. Ferrier. 2,363,406; Nov. 21.
Encasing means, Protective. W. R. Hummel. 2,340,387; Feb. 1.
Enclosed electric safety switch. W. J. Quast. 2,344,636; Mar. 21.
Enclosure. L. E. Levi. 2,348,012; May 2.
Enclosure for electrical equipment, Thermally regulated. C. H. Hunsaker. 2,364,144; Dec. 5.
End labeling attachment. W. Hoppe and F. B. Roberts. 2,342,583; Feb. 22.
End labeling process and apparatus. A. J. Schmidt and J. Jackson. 2,349,309; May 23.
Endless-band tool. H. Testo. 2,355,124; Aug. 8.
Endless track construction. F. E. Burgess. 2,350,445; June 6.
Endless track vehicle. G. R. G. Gates. 2,353,554; July 11.
Endless type outlet receptacle for electric plugs. T. W. Simpkins. 2,361,797; Oct. 31.
End stop for separable fasteners. D. Marinsky and L. H. Morin. 2,342,418; Feb. 22.
Energiser, Self-contained. R. M. Heintz and D. J. Conant. 2,361,768; Oct. 31.

Engine: *See*—

Aircraft engine.	Single-acting reciprocating engine.
Beating engine.	Sleeve valve engine.
Combustion engine.	Sleeve-valve internal-combustion engine.
Diesel engine.	Steam engine.
Explosion engine.	Supercharged internal-combustion engine.
Explosion and internal combustion engine.	Tandem two-cycle internal-combustion engine.
Fabricated internal combustion engine.	Two-cycle gas engine.
Injection engine.	Two-cycle internal combustion engine.
Internal-combustion engine.	Two directional combustion engine.
Multiple opposed piston engine.	Two-shaft opposed-piston engine.
Multiple piston engine.	Two-stroke engine.
Planetary engine.	Two-stroke internal combustion engine.
Pulp beating engine.	Variable stroke combustion engine.
Radial engine.	
Rotary engine.	
Rotary internal combustion engine.	
Rotary steam engine.	
Rotary valve controlled internal-combustion engine	

Engine. W. L. Barthelemy. 2,354,357; July 25.
Engine. M. A. Coburn. 2,343,748; Mar. 7.
Engine. W. G. Gernandt. 2,364,629; Dec. 12.
Engine. E. Ginn. 2,347,096; Apr. 18.
Engine. E. Ginn. 2,353,231; July 11.
Engine. La V. B. Ragsdale. 2,364,658; Dec. 12.
Engine. C. G. A. Rosen and C. R. Maxwell. 2,352,497; June 27.
Engine. J. Tjaarda and G. E. Ehrling. 2,347,721; May 2.
Engine and fan assembly. G. C. Patrick and H. R. Greenlee. 2,351,225; June 13.
Engine blower control. D. F. Caris and A. D. McDuffie. 2,356,379; Aug. 22.
Engine breather valve. H. C. Hill. 2,352,898; July 4.
Engine cleaning and conditioning. J. E. Vallerie. 2,366,073; Dec. 26.
Engine connecting rod. F. B. Halford. 2,343,055; Feb. 29.
Engine construction. W. B. Engler. 2,339,985; Jan. 25.
Engine construction. J. J. Gierthy. 2,349,231; May 16.
Engine control. D. Roeder and E. H. Wright. 2,364,662; Dec. 12.
Engine control device. C. H. Jorgensen and L. C. Dermond. 2,356,063–4; Aug. 15.
Engine control means. E. V. Rippingille. 2,348,265; May 9.
Engine control mechanism. E. R. Price. 2,343,265; Mar. 7.

Engine control mechanism. J. L. Skinner. 2,363,812; Nov. 28.
Engine cooling apparatus. G. P. Bradley. 2,345,233; Mar. 28.
Engine cooling system. H. F. Hagen and R. T. Palmer. 2,347,153; Apr. 18.
Engine cooling system. W. G. Lundquist. 2,362,015; Nov. 7.
Engine cylinder and protecting the same against corrosion. R. E. Van Deventer. 2,359,700; Oct. 3.
Engine drive for vehicles. C. L. Barkley. 2,354,734; Aug. 1.
Engine fan cooling system, Thermostatically controlled. M. E. Hanson. 2,351,203; June 13.
Engine fuel pump. L. Pengilly. 2,351,064; June 13.
Engine governor. M. Mallory. 2,356,679; Aug. 22.
Engine head removing tool. A. Kerzak. 2,340,598; Feb. 1.
Engine lubrication system. C. I. Preston. 2,339,805; Jan. 25.
Engine mount. G. H. Boss. 2,359,822; Oct. 10.
Engine mount. A. M. Rockwell. 2,344,735; Mar. 21.
Engine preoiling system. A. Nutt. 2,357,606; Sept. 5.
Engine, Reversing mechanism for. M. Essl. 2,346,737; Apr. 18.
Engine set, Double-shaft opposed-piston. E. Waeber. 2,359,065; Sept. 26.
Engine sling. E. Butler. 2,343,045; Feb. 29.
Engine speed control. R. L. Russell. 2,358,597; Sept. 19.
Engine stand revolving means, Shop. J. H. Staley. 2,340,707; Feb. 1.
Engine starter. J. W. Fitz Gerald. 2,343,966–7; Mar. 14.
Engine starter. J. W. FitzGerald. 2,348,063; May 2.
Engine starter. J. W. Fitz Gerald. 2,350,276; May 30.
Engine starter. J. W. Fitz Gerald. 2,350,304; May 30.
Engine starter. J. W. Fitz Gerald. 2,352,828; July 4.
Engine starter. J. W. Fitz Gerald. 2,356,984–5; Aug. 29.
Engine starter. R. H. Hill. 2,359,362; Oct. 3.
Engine starter and actuating mechanism therefor. T. M. Cone. 2,358,445; Sept. 19.
Engine starter control system. L. C. Dermond. 2,352,774; July 4.
Engine starter gearing. J. E. Buxton. 2,339,599; Jan. 18.
Engine starter gearing. J. E. Buxton. 2,345,791; Apr. 4.
Engine starter gearing. J. E. Buxton. 2,359,968; Oct. 10.
Engine starter gearing. C. G. Estey. 2,342,097; Feb. 15.
Engine starter gearing. E. E. Hood. 2,342,632; Feb. 29.
Engine starter gearing. D. P. Kearney. 2,339,486; Jan. 18.
Engine starter gearing for internal-combustion engines. B. W. Jones. 2,353,904; July 18.
Engine starting. S. K. Lehman. 2,347,744; May 2.
Engine starting apparatus. L. C. Dermond. 2,354,290; July 25.
Engine starting apparatus. R. Freitag and W. Stoeckicht. 2,344,083; Mar. 14.
Engine starting device. C. E. Gossling and J. A. Smith. 2,363,412; Nov. 21.
Engine starting device. N. Herzmark. Re. 22,424; Jan. 25.
Engine starting gearing. J. B. Dickson. 2,349,146; May 16.
Engine starting mechanism. R. M. Nardone. 2,338,594; Jan. 4.
Engine starting mechanism. R. M. Nardone. 2,345,417; Mar. 28.
Engine starting mechanism. R. M. Nardone. 2,347,788; May 2.
Engine starting system. R. M. Heintz. 2,346,303; Apr. 11.
Engine testing apparatus. G. F. Armbruster. 2,357,625; Sept. 5.
Engine valve mechanism. C. F. Berry. 2,344,847; Mar. 21.
Engines, Operating. R. H. Hanlon. 2,348,621; May 9.
Engraving machine. B. Picard and A. F. Ward. 2,361,234; Oct. 24.
Engraving machine. A. B. Simmons. 2,344,481; Mar. 14.
Engraving tool. M. de la Torre. 2,346,474; Apr. 11.
Enlarger, Photographic. W. B. Moore. 2,344,558; Mar. 21.
Enlarger, Photographic. A. Simmon. 2,353,512; July 11.
Enlarger, Portable photographic. A. Simmon. 2,353,513; July 11.
Enol ethers of α,β-unsaturated steroid ketones, Manufacture of. H. Köster. 2,363,338; Nov. 21.
Entrained material from gases, Method and apparatus for separating. E. Utterback and W. A. Hagerbaumer. 2,349,777; May 23.
Entrance for slot type forge heating furnaces. T. Kauffman, Jr., and G. V. Campbell. 2,358,718; Sept. 19.
Envelope. L. Barker. 2,349,234; May 23.
Envelope. A. H. Hakanson. 2,364,711; Dec. 12.
Envelope clasp. E. F. Ahlquist. 2,349,127; May 16.
Envelope, Continuous form. J. Q. Sherman. 2,342,702; Feb. 29.
Envelope, File folder. W. R. Chapel. 2,345,793; Apr. 4.
Envelope flap folding machine. D. E. Stevenson. 2,344,220; Mar. 14.
Envelope flaps, Decurling. A. Novick. 2,354,825; Aug. 1.
Envelope folding and gluing machine. K. Serai. 2,349,056; May 16.
Envelope for metallic objects. J. E. Myers. 2,356,078; Aug. 15.
Envelope hopper and stripping mechanism for mail treating apparatus. C. D. Ryan and F. P. Sager. 2,343,479; Mar. 7.
Envelope machine. A. Novick. 2,365,211; Dec. 19.
Envelope, Multiform. V. J. Sawdon. 2,340,700; Feb. 1.
Envelope or container. G. H. Goff. 2,363,957; Nov. 28.
Envelope or similar container for use in connection with C. O. D. actions. E. B. Berkowitz. 2,347,075; Apr. 18.
Envelope, Pocket. F. L. McCarty. 2,354,820; Aug. 1.
Envelope, Safety. O. V. Lalonde. 2,356,066; Aug. 15.
Envelopes, Method of and apparatus for making zigzag or fan-folded assemblies of series connected. V. E. Heywood. 2,363,417; Nov. 21.
Enzyme activity, Detecting. H. Scharer. 2,359,052; Sept. 26.
Enzymic process. H. C. Gore and C. N. Frey. 2,351,954; June 20.
Epicyclic gear. C. A. H. Mulder. 2,349,981; May 30.
Epicyclic mechanism. P. Tatlow. 2,357,561; Sept. 5.
Equalized double contact arm. J. F. Ebert. 2,356,836; Aug. 29.
Equalizer, Antipound pump pressure. E. W. and W. L. Patterson. 2,344,786–7; Mar. 21.
Equalizer, Flow. J. A. Lauck. 2,344,465; Mar. 14.
Equalizing the tension in a plurality of strands, Method and apparatus for. W. F. Busse. 2,346,358; Apr. 11.
Equipment for cutting circles in metal sheets or plates. W. H. Kohlhafer and F. J. Olenik. 2,363,007; Nov. 21.
Equipment for locomotive fireboxes. C. A. Siegel. 2,355,400; Aug. 8.
Equipment for making spongy rubber cushions or the like. E. H. Clark. 2,342,920; Feb. 29.
Equipment for molten metal, Transporting. E. H. Whittaker. 2,340,915; Feb. 8.
Equipment stand. O. H. Pieper. 2,343,620; Mar. 7.
Eradicator and harrow, Rotary weed. J. K. Boone. 2,338,314; Jan. 4.
Eraser for mechanical pencils. M. E. Savoie. 2,356,474; Aug. 22.
Eraser, Safety. H. Mieth. 2,341,227; Feb. 8.
Escape boat for submarines. J. J. Bessire. 2,348,777; May 16.
Escapement. M. H. Rhodes. 2,363,993; Nov. 28.
Escapement mechanism. R. T. Pollock and O. C. W. Henze. 2,364,653; Dec. 12.
Escapement mechanism for typewriters. G. Prezioso. 2,351,837; June 20.
Escapement mechanism suitable for timing devices. C. Lurtz. 2,360,613; Oct. 17.
Ester and preparing the same, Disubstituted malonic. L. A. Walter and L. H. Goodson. 2,354,234; July 25.
Ester, Disubstituted malonic. L. A. Walter. 2,354,231; July 25.
Ester ethers of bis-phenols. G. H. Coleman, B. C. Hadler, and R. W. Sapp. 2,359,622; Oct. 3.
Ester-lactones. R. L. Hasche and J. J. Gordon. 2,364,358; Dec. 5.
Ester molding compositions, Cellulose mixed. R. L. Stern. 2,365,652; Dec. 19.
Ester, Preparation of phenyl malonic. A. C. Flisik, M. T. Inman, and W. P. Bitler. 2,358,063; Sept. 12.
Ester salts, Making. J. H. James. 2,341,218; Feb. 8.
Esters. D. J. Loder and W. O. Teeters. 2,350,964; June 6.
Esters. D. J. Loder and W. O. Teeters. 2,357,594; Sept. 5.
Esters and ethers, Treatment of cellulose. C. H. Giles and D. G. Wilkinson. 2,340,375; Feb. 1.
Esters and products, Hydrogenation of alkoxy-substituted. D. J. Loder, W. F. Gresham, and D. B. Killian. 2,357,479; Sept. 5.
Esters, Forming. A. Wolfram and H. Jahn. 2,339,126; Jan. 11.
Esters, Making. J. Ross, R. L. Brandt and J. H. Percy. 2,345,006; Mar. 28.
Esters, Manufacture of. F. O. Cockerille. 2,351,664; June 20.
Esters, Manufacture of. F. O. Cockerille. 2,361,994; Nov. 7.
Esters, Manufacture of. H. E. Worne. 2,352,582; June 27.
Esters, Manufacture of organic. J. H. Brown and J. S. Watt. 2,344,798; Mar. 21.
Esters, Mixed. E. Segessemann. 2,365,300; Dec. 19.
Esters of acetyllactyllactic acid and making same. H. V. Claborn. 2,350,388; June 6.
Esters of acrylic acid. A. M. Clifford. 2,363,044; Nov. 21.
Esters of alcohols of the acetylene series. O. Schlichting and K. Klager. 2,340,701; Feb. 1.
Esters of alkoxy-aryloxy alcohols, Unsaturated. G. H. Coleman and B. C. Hadler. 2,350,325; June 6.
Esters of alpha chloroacrylic acid. M. A. Pollack. 2,338,967; Jan. 11.
Esters of alpha-hydroxy isobutyric acids. Aromatic glyceryl. J. T. Thurston and J. M. Grim. 2,362,326; Nov. 7.
Esters of aryloxy alcohols, Unsaturated. G. H. Coleman and B. C. Hadler. 2,338,683; Jan. 4.

Esters of bis-(2-carboxyethyl)ether. H. A. Bruson. 2,347,627; Apr. 25.
Esters of unsaturated dicarboxylic acids, Monohydric aliphatic nitroalcohol. C. J. Mighton. 2,365,717; Dec. 26.
Esters, Preparation of organic. W. F. Gresham. 2,364,438; Dec. 5.
Esters of dihydro-estrine series and making same. K. Miescher and C. Schols. 2,358,525; Sept. 19.
Esters of 4-tertiarybutyl-phenoxy-alkyiols. E. C. Britton and G. H. Coleman. 2,344,491; Mar. 21.
Esters of halo-aryloxy alcohols, Unsaturated. G. H. Coleman and B. C. Hadler. 2,362,189; Nov. 7.
Esters of 9,9-di-B-carboxyethyl-fluorene. H. A. Bruson. 2,339,373; Jan. 18.
Esters of nitro-fatty acids. H. A. Bruson. 2,342,119; Feb. 22.
Esters of nitrohydroxy compounds. H. B. Hass and R. M. Vanderbilt. 2,340,268; Jan. 25.
Esters of polybasic cyclic unsaturated acids, Preparation of. W. P. Bitler and L. Nicholl. 2,358,048; Sept. 12.
Esters of substituted acetic acids. D. J. Loder and W. O. Teeters. 2,350,360; June 6.
Esters of substituted tertiary phenolic amines. J. S. Buck and L. Reiner. 2,359,709; Oct. 3.
Esters of sulphur-containing benzoic acids and preparing them. S. E. Harris and W. Braker. 2,342,142; Feb. 22.
Esters of the hydroxy-stilbene series and preparing same. K. Miescher and J. Hear. 2,353,684; July 18.
Esters of the suprarenal cortical hormone series, Manufacture of. T. Reichstein. 2,357,224; Aug. 29.
Esters of unsaturated acids. G. H. Coleman and W. D. Schroeder. 2,363,501; Nov. 28.
Esters, Preparation of. B. Pecherer. 2,346,272; Apr. 11
Esters, Preparing dicarboxylic acid. G. D. Hiatt and J. Emerson. 2,352,261; June 27.
Esters, Preparing oxidised cellulose. C. R. Fordyce. 2,358,664; Sept. 12.
Esters, Producing amine alcohol. D. W. Yayne, Jr., and H. M. Day. 2,355,442; Aug. 8.
Esters, Production of cellulose. H. Dreyfus. 2,355,712; Aug. 15.
Esters, Stabilisation of aqueous dispersions of polymers of vinyl. H. T. Neher and W. R. Conn. 2,339,184; Jan. 11.
Esters, Stabilisation of vinyl. F. N. Hopper. 2,352,263; June 27.
Esters, Stabilising cellulose. G. A. Kirton and J. B. Kemp. 2,360,239; Oct. 10.
Etched crystalline hone. R. S. Bailey. 2,356,910; Aug. 29.
Etched polished surfaces, Electrolytic. L. C. Flowers. 2,365,539; Dec. 19.
Etching printing rolls. J. J. Ormond. 2,346,230; Apr. 11.
Etching process. J. J. Ormond. 2,345,989; Apr. 4.
Ethanol, Fermentation process for production of. L. M. Christensen. 2,362,451; Nov. 14.
Ether amines, Preparation of. Le R. U. Spence. 2,355,337; Aug. 8.
Ether compounds, Making. M. Engelmann and J. Pikl. 2,361,185; Oct. 24.
Ether, Di-(dihydronordicyclopentadienyl). H. A. Bruson. 2,358,314; Sept. 19.
Ether extraction process, Dichloroethyl. J. Robinson and H. Lowery. 2,338,284; Jan. 4.
Ethers. F. C. McGrew. 2,364,737; Dec. 12.
Ethers and product produced thereby, Treatment of polyolefinic. G. W. Hearne and D. S. La France. 2,339,476; Jan. 18.
Ethers, Halogenated. W. J. Toussaint. 2,352,745; July 4.
Ethers, Manufacturing certain acylated polyamino. M. De Groote and B. Keiser. 2,354,578-80; July 25.
Ethers of diethylene glycol, Purification of. A. C. Plewes. 2,346,783; Apr. 18.
Ethylamines, β-alkyl-substituted. H.-G. Allardt and K. Junkmann. 2,361,524; Oct. 31.
Ethyl benzene, Manufacture of. W. J. Mattox. 2,360,358; Oct. 17.
Ethyl cellulose molding composition. R. R. Bradshaw. 2,349,134; May 16.
Ethyl chloride, Recovery of. C. N. Kimberlin, Jr. 2,352,268; June 27.
Ethyl ether of dextran. G. L. Stahly and W. W. Carlson. 2,344,179; Mar. 14.
Ethyl mercury salts, Preparation of. L. C. Holt. 2,344,472; Mar. 21.
Ethylene, Testing for. P. W. Rohrbaugh. 2,358,882; Sept. 26.
Ethylenesulphonyl polymer. V. V. Alderman and W. E. Hanford. 2,348,705; May 16.
Etio cholenic acid derivatives and making same. P. L. Julian and J. W. Cole. 2,342,147; Feb. 22.
Evacuator for fruit jars. B. Mahlke. 2,339,791; Jan. 25.
Evaluating flow characteristics of wells. L. S. Chambers. 2,348,192; May 9.
Evaporating apparatus. K. H. Quasebarth. 2,360,445; Oct. 17.
Evaporating liquids and apparatus for carrying out the same. A. Placek. 2,349,002; May 16.
Evaporation of water and the like, Effecting the. J. A. Reavell. 2,357,286; Sept. 5.
Evaporative cooling. S. C. Coey. 2,350,590-1; June 6.
Evaporator. C. T. Ashby. 2,338,277; Jan. 4.
Evaporator. A. W. Baumann. 2,359,078; Sept. 26.
Evaporator. C. H. Beane. 2,349,695; May 23.
Evaporator. F. S. Dexter. 2,353,551; July 11.
Evaporator. M. Keim. 2,362,903; Nov. 14.
Evaporator. A. N. Warburton, Jr. 2,344,639; Mar. 21.
Evaporator for treating surfaces. C. W. Hewlett. 2,354,521; July 25.
Evaporator unit construction. W. L. Morrison. 2,356,778; Aug. 29.
Excavating and truck loading machine. R. A. Beckwith. 2,347,455; Apr. 25.
Excavating apparatus. G. B. Pace. 2,358,495; Sept. 19.
Excavating apparatus. W. Buddock. 2,362,407; Nov. 7.
Excavating equipment. W. M. Huston. 2,350,762; June 6.
Excavating, loading and dumping vehicle. R. A. Beckwith. 2,352,068; June 20.
Excavating tool. H. K. Weinstein. 2,344,336; Mar. 14.
Excavator. E. W. Austin. 2,360,823; Oct. 24.
Excavator. R. E. Choate and E. W. Austin. 2,347,882; May 2.
Excavator bucket. A. R. Askue. 2,338,616; Jan. 4.
Excavator bucket. A. R. Askue. 2,353,665; July 18.
Excavator, Dragline. W. M. Bager. 2,341,836; Feb. 15.
Excavator, Dragline. T. O. Davidson. 2,359,303; Oct. 3.
Exchanger, Heat. A. Y. Gunter. 2,346,104; Apr. 4.
Excitation of vibration in structural members. J. Clark. 2,362,467; Nov. 14.
Exerciser. B. Saunders. 2,351,293; June 13.
Exerciser, Infant. H. J. Smith. 2,355,569; Aug. 8.
Exhibiting apparatus. W. C. Eddy. 2,360,662; Oct. 17.
Exercising device. D. E. Burns. 2,362,111; Nov. 7.
Exercising device. W. H. Maxwell. 2,354,260; Aug. 22.
Exhaling valve. O. J. Smith. 2,359,008; Sept. 26.
Exhaust apparatus. K. Egge. 2,350,735; June 6.
Exhaust fan. W. E. Willey. 2,355,836; Aug. 15.
Exhaust silencer. O. J. Rainville. 2,350,924; June 6.
Exhaust stack control. P. E. Fairbanks. 2,350,102; May 30.
Exhaust system. A. F. Decker. 2,358,690; Sept. 19.
Exhaust system, Internal-combustion engine. L. M. Muller. 2,356,782; Aug. 29.
Exhibitor, Animated. H. Pullen. 2,353,265; July 11.
Exhibitor, Animated. A. E. Walbridge. 2,356,288; Aug. 22.
Exhibitor, Changeable. L. J. Gottschalk. 2,353,028; July 4.
Exhibitor, Changeable. L. Lobdell. 2,345,709; Apr. 4.
Exhibitor, Changeable. H. A. Graham. 2,363,725; Nov. 28.
Exothermic composition and method for waving hair. R. E. Reed. 2,350,926; June 6.
Exothermic polymerisation reactions, Conducting. F. J. Soday. 2,346,013; Mar. 28.
Expander. J. Fries, Jr. 2,352,703; July 4.
Expandible plastic mold. S. H. A. Young. 2,363,107; Nov. 21.
Expanding anchor. E. K. Cole. 2,349,075; May 16.
Expanding device. F. Miller. 2,357,903; Sept. 12.
Expansible chamber pump. D. Taylor. 2,357,434; Sept. 5.
Expansible fluids from nonexpansible fluids, Means for separating. A. R. Burnette. 2,349,938; May 30.
Expansion control. J. N. Roth. 2,339,815; Jan. 25.
Expansion joint. H. W. Greenup and R. D. Byall. 2,339,556; Jan. 18.
Expansion joint. J. N. Heitzel. 2,365,550; Dec. 19.
Expansion joint. F. Saco, Jr. 2,344,269; Mar. 14.
Expansion joint construction. E. F. Miller. 2,348,833; May 16.
Expediter, Bank account. R. E. Bauder. 2,352,175; June 27.
Explosion and internal-combustion engine. H. L. Javal. 2,349,967; May 30.
Explosion engine. J. T. Feeney. 2,339,848; Jan. 25.
Explosion-proof lighting unit. E. H. Benson. 2,339,670; Jan. 18.
Explosion-proof switch housing. R. F. Lester. 2,345,757; Apr. 4.
Explosive. L. N. Bent. 2,362,878; Nov. 14.
Explosive. C. O. Davis and W. C. Holmes. 2,358,385; Sept. 19.
Explosive. F. Olsen. 2,349,300; May 23.
Explosive, Blasting. C. D. Bitting and R. W. Lawrence. 2,365,170; Dec. 19.
Explosive, Blasting. W. de C. Crater. 2,340,304; Feb. 1.
Explosive charge, High-density. M. A. Cook and C. O. Davis. 2,353,147; July 11.
Explosive composition. R. W. Cairns. 2,338,164; Jan. 4.
Explosive composition. C. H. Carey. 2,345,582; Apr. 4.
Explosive composition. C. O. Davis and H. H. Faumacht. 2,362,617; Nov. 14.
Explosive composition. R. W. Lawrence 2,338,130; Jan. 4.
Explosive composition and method, Blasting. C. O. Davis. 2,356,149; Aug. 22.
Explosive composition and producing same. S. B. Watt and N. W. Adolph. 2,344,840; Mar. 21.

Explosive composition, Stabilized. C. A. Woodbury. 2,351,468; June 13.
Explosive compositions. D. G. Morrow. 2,355,817; Aug. 15.
Explosive container. D. G. Magill. 2,353,739; July 18.
Explosive, Detonating. C. O. Davis. 2,358,384; Sept. 19.
Explosive device carrier. H. E. Malone and W. M. Shallcross. 2,364,302; Dec. 5.
Explosive devices, Filling. T. E. Arnold and C. Dobell. 2,364,415; Dec. 5.
Explosive projectile. B. A. Hopper. 2,346,843; Apr. 18.
Explosive projectile. W. E. Thibodeau. 2,363,024; Nov. 21.
Explosive screen cleaner. M. M. Kinley. 2,362,829; Nov. 14.
Explosively actuated apparatus for perforating submerged or other articles. P. Cox. 2,355,513; Aug. 8.
Explosives. D. R. Jones. 2,357,830; Sept. 12.
Explosives, Making granulated. W. O. Snelling. 2,346,116; Apr. 4.
Explosives, Manufacture of. J. G. Burtle. 2,347,660; May 2.
Exposure control, Automatic. K. Rath. 2,354,544; July 25.
Exposure control device. J. Mihalyi. 2,358,083; Sept. 12.
Exposure control for photographic cameras. A. Simmon. 2,340,622; Feb. 1.
Exposure control mechanism for cameras. A. Simmon. 2,341,393; Feb. 8.
Exposure controlling mechanism for cameras. J. Mihalyi. 2,360,256; Oct. 10.
Exposure counter. C. H. Harris. 2,358,327; Sept. 19.
Exposure guide for photographic cameras, particularly aerial cameras. E. S. Hineline. 2,343,257; Mar. 7.
Exposure meter. G. Keinath. 2,353,163; July 11.
Expulsion-type excess-voltage protective device. O. Ackermann. 2,338,479; Jan. 4.
Extending the life of electrolytic polishing baths. H. A. H. Pray. 2,348,359; May 9.
Extensible assembly. B. J. Fletcher. 2,354,806; Aug. 1.
Extensible pintle hook trailer coupling. S. B. Winn. 2,340,786; Feb. 1.
Extensible rack. J. E. Borah. 2,354,938; Aug. 1.
Extension jack. G. E. Brackett. 2,352,600; July 4.
Extension leaf table. J. C. L. Viehmann. 2,348,371; May 9.
Extensometer. A. V. Howson and N. S. Reed. 2,363,964; Nov. 28.
Exterminating agent for vermin. G. Peters. 2,344,105; Mar. 14.
Exterminator, Insect. E. R. Jowers. 2,347,267; Apr. 25.
External chill means for metal castings. L. H. Bowsher. 2,360,392; Oct. 17.
Externally adjustable core for hollow ware dies. J. D. Thompson. 2,339,527; Jan. 18.
Extinction type exposure determining device. K. Rath. 2,342,061; Feb. 15.
Extinguisher. A. V. McFerron. 2,354,762; Aug. 1.
Extinguisher, Cigarette. J. B. Hinson. 2,352,198; June 27.
Extinguisher, Cigarette. G. Kjorvestad. 2,341,103; Feb. 8.
Extinguisher, Fire. J. E. Heisenfeldt. 2,359,419; Oct. 3.
Extinguishing fires. L. L. Tirrell. 2,361,980; Nov. 7.
Extinguishing light metal fires. R. I. Thrune. 2,346,627; Apr. 11.
Extract useful for addition to foods for antioxidant and other purposes, Oat. S. Musher. 2,355,097; Aug. 8.
Extraction column. J. C. Elgin. 2,364,892; Dec. 12.
Extraction process. H. J. Lewis. 2,361,780; Oct. 31.
Extraction of lactones and phenols from pyroligneous acid. R. M. Isham and O. Spring. 2,358,979; Sept. 26.
Extraction process, Coffee. R. L. Brandt. 2,345,378; Mar. 28.
Extraction with sulphur dioxide. R. E. Tannich. 2,349,473; May 23.
Extractive distillation. G. Pierotti and C. L. Dunn. 2,341,812; Feb. 15.
Extractive distillation process. E. N. Shiras and M. Souders, Jr. 2,350,256; May 30.
Extractor: *See*—

Center drill point extractor.	Fishhook extractor.
Centrifugal extractor.	Fruit and vegetable juice extractor.
Citrus fruit juice extractor	Fruit juice extractor.
Coconut meat extractor.	Heat extractor.
Continuous centrifugal extractor.	Vacuum fruit juice extractor.

Extractor-and-ejector assembly for firearms. A. A. Rowley. 2,350,477; June 6.
Extractor, Machine key. G. A. Burstrom. 2,339,143; Jan. 11.
Extractor, Portable collapsible fume. A. T. Daudelin. 2,348,455; May 9.
Extractor shafts, Removably mounting. W. Ockrant and J. W. Kinney, Jr. 2,351,361; June 13.
Extracts, Plant. H. A. Noyes. 2,342,962; Feb. 29.
Extruder. J. G. Curry. 2,351,493; June 13.
Extruding apparatus. R. Jongedyk. 2,338,854; Jan. 11.
Extruding press. S. H. Stupakoff and R. E. Stark. 2,364,566; Dec. 5.
Extrusion apparatus. E. C. Lee. 2,351,688; June 20.
Extrusion die. A. M. Webb. 2,341,749; Feb. 15.
Extrusion device. H. J. Jones. 2,341,555; Feb. 15.
Extrusion device. M. H. English, E. R. Jones and R. R. Nydegger. 2,349,254; May 23.
Extrusion mill. E. T. Meakin. 2,354,924; Aug. 1.
Extrusion-molding method. C. C. Misfeldt. 2,356,338; Aug. 22.
Eye for wire cables. S. H. Glem. 2,340,183; Jan. 25.
Eye-forming machine. A. J. Anderson. 2,362,522; Nov. 14.
Eyeglass construction. G. E. Nerney. 2,345,065; Mar. 28.
Eyeglass construction. G. E. Nerney. 2,357,604; Sept. 5.
Eyeglass construction. G. E. Nerney. 2,359,666; Oct. 3.
Eyeglasses. S. F. Alexander. 2,365,163; Dec. 19.
Eyeglasses. J. M. Christman. 2,350,386; June 6.
Eyeglasses. G. H. Heindselman. 2,340,663; Feb. 1.
Eyeglasses, Adjustable and removable brace for frameless. W. Brown. 2,344,230; Mar. 14.
Eye pad. H. W. Wilkinson. 2,365,032; Dec. 12.
Eye protecting device. E. M. Splaine and W. H. Lehmberg. 2,355,015; Aug. 1.
Eye protection means. D. P. Bernheim and M. M. Glasberg. 2,359,743; Oct. 10.
Eye shield. R. C. Ingwersen. 2,339,078; Jan. 11.
Eye shield. G. Miller, Jr. 2,359,435; Oct. 3.
Eye shield. R. D. Small. 2,342,377; Feb. 22.
Eyeshield, Adjustable. R. G. Woodard. 2,354,415; July 25.
Eye-testing apparatus. F. W. Jobe and H. W. Trost. 2,364,793; Dec. 12.
Eye-testing device. J. W. Smith. 2,364,827; Dec. 12.
Eyelet setting tool. S. L. Gookin. 2,352,093; June 20.
F-M control track operation. E. W. Kellogg. 2,364,723; Dec. 12.
Fabric: *See*—

Elastic fabric.	Protective fabric.
Knitted fabric.	Reweaving fabric.
Laminated fabric.	Side weaving fabric.
Laminating fabric.	Simulated woven fabric.
Nonstaining coated fabric.	Water-repellent fabric.
Pile fabric.	Woven fabric.
Plastic fabric.	

Fabric. R. D. Evans. 2,343,109; Feb. 29.
Fabric. F. J. Ford. 2,346,159; Apr. 11.
Fabric and barrier coating composition therefor, Adhesive coated. E. P. Wenzelberger and F. N. Manley. 2,352,463; June 27.
Fabric and dress ornamentation, and product thereof, Making. W. J. Harpham. 2,343,614; Mar. 7.
Fabric and garment, Insect-repelling. F. A. Gill. 2,344,811; Mar. 21.
Fabric and making the same, Knit. S. R. Shelmire and P. Cooper. 2,353,090; July 4.
Fabric and making the same, Knitted. I. H. C. Green. 2,351,758; June 20.
Fabric and making the same, Warp knit. C. R. Burns. 2,356,819; Aug. 29.
Fabric and manufacture, Needled. P. T. Jackson, Jr., and E. T. Anderson. 2,341,620; Feb. 15.
Fabric and manufacturing the same, Adhesive. H. A. Evans. 2,349,710; May 23.
Fabric and producing the same, Knitted elastic. S. C. Lilley and E. E. Foster. 2,345,055; Mar. 28.
Fabric and product produced thereby, Treating. A. W. Bateman. 2,351,182; June 13.
Fabric centering device. A. Andreotto. 2,340,242; Jan. 25.
Fabric cleaning method and material, Pile. G. E. Hopkins, J. N. Dow, and R. I. Peters. 2,344,247; Mar. 14.
Fabric, Coating. E. A. Rodman. 2,356,354; Aug. 22.
Fabric covered cores, Method of and apparatus for making. C. N. Stover. 2,364,560; Dec. 5.
Fabric, Decorated. G. R. Cunnington. 2,356,225; Aug. 22.
Fabric drawoff means for textile machines. E. W. Kaul. 2,340,244; Jan. 25.
Fabric fastener element. L. Roseman. 2,350,194; May 30.
Fabric, Knitted. H. H. Holmes and J. C. H. Hurd. 2,340,664; Feb. 1.
Fabric, Making. B. S. Faber. 2,355,789; Aug. 15.
Fabric, Making simulated woven. A. W. Hanson. 2,351,039; June 13.
Fabric mending device. C. Patasnik. 2,365,432; Dec. 19.
Fabric onto prefabricated fabric blanks, Knitting. F. Lambach. 2,363,008; Nov. 21.
Fabric package, Narrow. A. E. Funke. 2,344,862; Mar. 21.
Fabric-simulating material, Producing. L. te Strake. 2,338,386; Jan. 4.
Fabric tensioning method and means. A. Hofmann and W. Hartmann. 2,362,485; Nov. 14.
Fabric tube and making the same, Woven. R. Orgass. 2,356,342; Aug. 22.
Fabricated internal combustion engine. L. M. Taylor. 2,341,488; Feb. 8.
Fabrication and erection of gas holders. W. E. Gruening and H. C. Brinkman. 2,360,222; Oct. 10.
Fabrication of wet-strengthened papers. M. O. Schur. 2,338,602; Jan. 4.

Fabrics, Decorating. G. R. Cunnington. 2,338,490; Jan. 4.
Fabrics, Imprinted woven. E. Spielmann. 2,348,230; May 9.
Fabrics, Making. R. M. Jones and P. B. West. 2,358,330; Sept. 19.
Fabrics, Making pile. W. F. Bird. 2,358,204; Sept. 12.
Fabrics, Manufacture of. T. L. Williams. 2,365,315; Dec. 19.
Fabrics, Method and apparatus for making pile. V. A. Victor. 2,358,368; Sept. 19.
Fabrics, Method of and apparatus for uniting mesh. C. Seaman. 2,365,495; Dec. 19.
Fabrics, Treating. W. J. Thackston and D. H. Powers. 2,338,983; Jan. 11.
Fabrics, Treating. H. A. Young. 2,340,357–8; Feb. 1.
Face milling cutter. P. B. Niekirk. 2,348,089; May 2.
Faceplate arrangement. E. A. Pihl and H. M. Ring. 2,355,290; Aug. 8.
Face shield. R. B. Evans. 2,360,482; Oct. 17.
Facet forming machine, Automatic. A. Simons. 2,356,194; Aug. 22.
Facial cleaner. G. L. Lindblad. 2,347,355; Apr. 25.
Facing metal plates. J. O. Simpson. 2,359,719; Oct. 3.
Facing tool. D. Seiter. 2,356,359; Aug. 22.
Facsimile apparatus. M. Artzt. 2,339,133; Jan. 11.
Facsimile apparatus. M. Artzt. 2,350,008; May 30.
Facsimile apparatus. A. Blain. 2,354,571; July 25.
Facsimile apparatus. C. J. Young. 2,358,878; Sept. 19.
Facsimile apparatus. C. J. Young. 2,364,580; Dec. 5.
Facsimile machine. A. G. Cooley. 2,363,398; Nov. 21.
Facsimile printing telegraph system and apparatus. R. E. Zenner. 2,338,155; Jan. 4.
Facsimile recorder. W. G. H. Finch. 2,340,317; Feb. 1.
Facsimile-transmission system. V. K. Zworykin. 2,361,255; Oct. 24.
Facsimile transmission system and the like. R. M. Sprague. 2,356,361; Aug. 22.
Fade-outs by aftertreatment, Making. P. S. Aex and C. H. Duell. 2,356,439; Aug. 22.
Fairlead device for winding drums. H. L. Schmidt and R. T. Hendrickson. 2,344,417; Mar. 14.
Fan. P. F. Scofield. 2,357,771; Sept. 5.
Fan. J. E. Thorp. 2,349,474; May 23.
Fan and fan blade structure. R. D. Moore. 2,342,421; Feb. 22.
Fan blade construction, Adjustable. T. H. Troller. 2,351,645; June 20.
Fan, Centrifugal. M. W. Buchanan. 2,361,007; Oct. 24.
Fan construction. C. O. Broders. 2,354,101; July 18.
Fan construction. G. L. Moeller. 2,357,053; Aug. 29.
Fan, Dust separating. E. A. Lundstrom. 2,363,882; Nov. 28.
Fan, Electric. W. A. Spear. 2,363,907; Nov. 28.
Fan for heat exchange devices. D. W. Lake and J. Briskin. 2,364,128; July 18.
Fan guard. M. Weber. 2,345,516; Mar. 28.
Fan mail card folder. V. Martin. 2,346,596; Apr. 11.
Fan, Material impelling. J. L. Wall. 2,362,422; Nov. 7.
Fan oscillator with motor carried clutch control. R. H. Jordan. 2,341,220; Feb. 8.
Fans, Centrifugal. F. Ferré. 2,350,739; June 6.
Farm gate. N. T. MacKenzie. 2,346,110; Apr. 4.
Farming implement. O. D. Lutes. 2,357,528; Sept. 5.
Fastener: *See*—
- Barrel hoop fastener.
- Bendable fastener.
- Bowlegged hair fastener.
- Breast strap fastener.
- Clasp fastener.
- Closure fastener.
- Contour separable fastener.
- Cowl fastener.
- Door fastener.
- Double cord fastener.
- Drive fastener.
- File fastener.
- Hat fastener.
- Line fastener.
- Locking fastener.
- Molded slide fastener.
- Mortise joint separable fastener.
- Panel and corner fastener.
- Paper fastener.
- Rail fastener.
- Resilient fastener.
- Screw fastener.
- Screw type fastener.
- Self-tightening fastener.
- Separable fastener.
- Skin fastener.
- Slide fastener.
- Sliding clasp fastener.
- Spring nut fastener.
- Storm window fastener.
- Temporary fastener.
- Threaded fastener.
- V-belt fastener.
- Wall structure and fastener.
- Window fastener.
- Window shade fastener.
- Wire fastener.

Fastener. C. M. Blodgett. 2,362,445; Nov. 14.
Fastener. D. A. Brennan. 2,359,892; Oct. 10.
Fastener. A. E. Bryce. 2,364,266; Dec. 5.
Fastener. R. H. Head. 2,346,431; Apr. 11
Fastener. F. Headon. 2,363,322; Nov. 21.
Fastener. E. Kern. 2,339,411–12; Jan. 18
Fastener. J. Kral. 2,350,315; May 30.
Fastener. B. C. Place. 2,345,004; Mar. 28.
Fastener. I. Rossi and P. F. Rossmann. 2,356,619; Aug. 22.
Fastener. P. F. Rossmann. 2,354,480; July 25.
Fastener. H. R. Segal. 2,341,575; Feb. 15.
Fastener. J. W. Simmons. 2,344,423; Mar. 14.
Fastener. G. A. Tinnerman. 2,344,570; Mar. 21.
Fastening device. G. A. Tinnerman. 2,362,679; Nov. 14.
Fastening device. G. A. Tinnerman. 2,363,210; Nov. 21.
Fastener. F. C. Wallace. 2,363,710; Nov. 28.
Fastener and fastener assembly. C. A. Woodward. 2,347,863; May 2.
Fastener applying tool. H. W. Kost. 2,357,207; Aug. 29.
Fastener assembly. W. Druus. 2,347,675; May 2.
Fastener attaching machine, Manually operated. O. J. Huelster and E. D. Janes. 2,345,476; Mar. 28.
Fastener device. D. J. Poupitch. 2,351,065; June 13.
Fastener element. E. E. Clark. 2,359,898; Oct. 10.
Fastener for containers, Closure. W. H. Inman. 2,340,754; Feb. 1.
Fastener for crypt fronts. J. B. and O. A. Sinner. 2,363,156; Nov. 21.
Fastener for hand luggage, Flexible. L. Stein. 2,366,069; Dec. 26.
Fastener for hinged tail gates, Multiple position. B. W. Olson. 2,364,648; Dec. 12.
Fastener for infant chairs, Breast-strap. A. B. Muller. 2,361,118; Oct. 24.
Fastener for screening machines, Closure. W. J. Parks. 2,355,890; Aug. 15.
Fastener-inserting machine. S. L. Gookin. 2,357,888–9; Sept. 12.
Fastener means for bands and the like. T. A. Gey. 2,341,606; Feb. 15.
Fastener secured installation and fastener therefor. H. J. Murphy. 2,356,422; Aug. 22.
Fastener secured installation and fastener therefor. W. H. Churchill. 2,360,647; Oct. 17.
Fastener socket member, Reinforced. W. H. Churchill. 2,345,326; Mar. 28.
Fasteners, Making separable. N. Wahl. 2,343,348; Mar. 7.
Fastening. O. Vatet. 2,342,709; Feb. 29.
Fastening device. A. P. Belanger. 2,353,140; July 11.
Fastening device. L. E. Bogue. 2,365,520; Dec. 19.
Fastening device. J. C. Crowley. 2,341,598; Feb. 15.
Fastening device. R. A. Dick. 2,350,498; June 6.
Fastening device. E. Gisondi. 2,349,547; May 23.
Fastening device. E. Gisondi. 2,353,455; July 11.
Fastening device. R. A. Hartman. 2,359,418; Oct. 3.
Fastening device. R. A. Hartman. 2,364,846; Dec. 12.
Fastening device. C. H. Judd and C. Giammatteo. 2,345,053; Mar. 28.
Fastening device. R. L. Rapp. 2,360,274; Oct. 10.
Fastening device. W. Shippee and C. C. Shippee. 2,350,255; May 30.
Fastening device. G. A. Tinnerman. Re. 22,543; Sept. 5.
Fastening device. G. A. Tinnerman. 2,339,664; Jan. 18.
Fastening means. G. A. Tinnerman. 2,341,829; Feb. 15.
Fastening device. G. A. Tinnerman. 2,342,064; Feb. 15.
Fastening device. G. A. Tinnerman. 2,342,170; Feb. 22.
Fastening device. G. A. Tinnerman. 2,342,312; Feb. 22.
Fastening device. G. A. Tinnerman. 2,342,910; Feb. 29.
Fastening device. G. A. Tinnerman. 2,346,200; Apr. 11.
Fastening device. G. A. Tinnerman. 2,346,712; Apr. 18.
Fastening device. G. A. Tinnerman. 2,355,485–6; Aug. 8.
Fastening device. G. A. Tinnerman. 2,358,607; Sept. 19.
Fastening device. G. A. Tinnerman. 2,364,880; Dec. 12.
Fastening device. G. A. Tinnerman. 2,365,785; Dec. 26.
Fastening device. F. von Opel. 2,352,045; June 20.
Fastening device. V. F. Zahodiakin. 2,355,196; Aug. 8.
Fastening device, Adjustable. G. M. Beckwith and M. D. Pickens. 2,343,826; Mar. 7.
Fastening device for casement windows, doors, and the like. C. van der Leun. 2,350,844; June 6.
Fastening device for safety pins and other pins. D. H. White. 2,351,569; June 13.
Fastening devices, Making adjustable. G. M. Beckwith and M. D. Pickens. 2,343,827; Mar. 7.
Fastening forming machine. E. L. Butler. 2,353,645; July 18.
Fastening-loading mechanism. J. T. Lancaster. 2,346,262; Apr. 11.
Fastening means. C. I. Auten. 2,348,589; May 9.
Fastening means. L. W. Olmsted. 2,365,834; Dec. 26.
Fastening means for building construction. M. H. Carpenter. 2,340,864; Feb. 8.
Fastening means for detachable covers and other devices. F. L. Ayres. 2,354,297; July 25.
Fastening, Nut and bolt socket. F. A. Klaus. 2,363,006; Nov. 21.
Fastening of sheet material into frames and like members. C. Bower. 2,364,512; Dec. 5.
Fastening strip. L. M. Rabinowitz. 2,352,564; June 27.
Fat-forming molds, Cultivation of. H. Damm. 2,346,011; Apr. 4.
Fat-soluble vitamin-bearing materials, Refining and stabilizing. L. O. Buxton. 2,345,960; Apr. 4.
Fat-soluble vitamin-containing fatty materials, Refining and stabilizing. L. O. Buxton. 2,347,462; Apr. 25.
Fat-soluble vitamin-containing oils, Treating. L. O. Buxton. 2,347,460; Apr. 25.
Fat-soluble vitamin materials, Treatment of. L. O. Buxton. 2,347,461; Apr. 25.
Fatty acids, Distillation of. J. F. Murphy. 2,361,411; Oct. 31.
Fatty acids, Making mixture of unsaturated. J. B. Brown. 2,340,104; Jan. 25.
Fatty material, Treating. H. O. Renner. 2,349,377–8; May 23.
Fatty material, Treating. R. W. Ward. 2,362,734; Nov. 14.

Fatty materials, Stabilization of. G. W. Phelps and H. C. Black. 2,357,543; Sept. 5.
Fatty materials, Stabilizing. B. J. Verbeck. 2,354,719; Aug. 1.
Fatigue testing machine. F. Buckingham. 2,350,722; June 6.
Fatigue-testing machine. R. Eksergian. Re. 22,416; Jan. 11.
Fatigue testing machine, Vibration. F. A. Gross. 2,361,396; Oct. 31.
Faucet. F. Klein. 2,355,736; Aug. 15.
Faucet. R. L. Noyes. 2,347,330; Apr. 25.
Faucet. F. E. Rice. 2,356,089; Aug. 15.
Faucet attachment. F. Klein. 2,343,774; Mar. 7.
Faucet, Beer. J. E. and A. E. Rosander. 2,364,820; Dec. 12.
Faucet bodies or the like, Producing. S. A. Young. 2,348,173; May 2.
Faucet construction. T. R. Smith. 2,360,733; Oct. 17.
Faucet for dispensing carbonated beverages. C. L. Daun. 2,355,205; Aug. 8.
Faucet washer. A. L. Arey. 2,352,307; June 27.
Fault-locating device. J. B. Hays and J. H. Shuhart. 2,338,245; Jan. 4.
Fault testing articles of electrically conductive material. H. E. Somes. 2,340,150; Jan. 25.
Feather handling apparatus. R. C. Pauly. 2,347,431; Apr. 25.
Feed and traverse, Hydraulic. J. Daugherty. 2,361,460; Oct. 31.
Feed, By-product. W. R. Fetzer. 2,349,818; May 30.
Feed collet. I. H. Sheffer. 2,341,744; Feb. 15.
Feed control. L. A. Ward. 2,362,870; Nov. 14.
Feed control device. L. A. Wagner. 2,343,722; Mar. 7.
Feed control for machine tools. E. P. Bullard, III, L. E. Alvey and P. H. Lange. 2,346,660; Apr. 18.
Feed control for planers and the like. W. R. Miller. 2,340,199; Jan. 25.
Feed control mechanism. N. T. Holmbeck. 2,342,049; Feb. 15.
Feed cushioning mechanism. R. E. Price. 2,354,056; July 18.
Feed device. N. F. Linn. 2,347,271; Apr. 25.
Feed device for powdered material. W. Strauss. 2,352,809; July 4.
Feed device, Safety. E. B. Riley. 2,342,694; Feb. 29.
Feed end, Hammermill. J. A. Bried. 2,344,591; Mar. 21.
Feed for horn antennas, Double polarization. M. Katzin. 2,364,371; Dec. 5.
Feed for pressure pumping systems, Air. W. H. Crow. 2,360,401; Oct. 17.
Feed for tools, Adjustable. D. T. Peden. 2,350,527; June 6.
Feed for woodworking machines. C. G. Joa. 2,345,937; Apr. 4.
Feed gear. E. Panthoefer. 2,345,145; Mar. 28.
Feed mechanism. W. Blair. 2,341,014; Feb. 8.
Feed mechanism. F. B. Davis. 2,349,487; May 23.
Feed mechanism. N. Eslinger. 2,350,549; June 6.
Feed mechanism for grinding machines. J. Decker. 2,365,059; Dec. 12.
Feed mechanism for machine guns. F. T. Moore. 2,365,484; Dec. 19.
Feed mechanism for machine guns. W. L. Swartz. 2,338,270; Jan. 4.
Feed mechanism for machine tools. I. J. Snader and H. N. Seyferth. 2,350,372; June 6.
Feed mechanism for phonographs, Pickup. L. Thompson. 2,357,033; Aug. 29.
Feed mechanism, Variable. T. F. Brackett. 2,362,449; Nov. 14.
Feed products, Making. H. H. Schmidt. 2,351,071; June 13.
Feed screw mechanism. B. R. Granberg and A. G. Ericson. 2,345,194; Mar. 28.
Feed, Sheet. C. L. Post. 2,363,357; Nov. 21.
Feed unit for electric wiring systems. J. F. O'Brien. 2,358,346; Sept. 19.
Feed water for boilers, Softening. K. Hermes. 2,356,405; Aug. 22.
Feed, Work. B. and T. Grob. 2,364,969; Dec. 12.
Feedback method and system for electromechanical devices. F. G. Albin. 2,357,623; Sept. 5.
Feedback system, Stabilized nonlinear. S. T. Meyers. 2,355,991; Aug. 15.
Feeder: *See*—
- Automatic blank feeder.
- Bird feeder.
- Calf feeder.
- Cartridge feeder.
- Coupon feeder.
- Glass feeder.
- Gravity feed animal feeder.
- Hog feeder.
- Poultry feeder.
- Reagent feeder.
- Sawdust burner feeder.
- Self-cleaning plate feeder.
- Self feeder.
- Sheet feeder.
- Stock feeder.

Feeder. L. E. Albertson. 2,362,607; Nov. 14.
Feeder. L. E. Albertson and H. M. Mueller. 2,362,606; Nov. 14.
Feeder. W. O. Benning. 2,343,521; Mar. 7.
Feeder. L. M. Bufton. 2,365,862; Dec. 26.
Feeder. C. R. Livermon. 2,362,492; Nov. 14.
Feeder attachment, Auxiliary ribbon. C. E. Wyrick. 2,359,402; Oct. 3.
Feeder for automatic screw machines. W. H. Bochenek. 2,343,364; Mar. 7.
Feeder for pressure cookers. B. E. Richmond. 2,343,266; Mar. 7.
Feeder for sensitizing ingredients. E. H. Clark. 2,344,599; Mar. 21.
Feeder heads, Making. R. P. Scherer. 2,362,410; Nov. 7.
Feeding and clamping device for multi-spindle automatic lathes for the treatment of rod-shaped material. E. Kobring. 2,339,414; Jan. 18.
Feeding and conveying apparatus for textile materials. M. Adair and R. Henderson. 2,342,235; Feb. 22.
Feeding and measuring device and method. G. L. Sternfield and S. L. Galvin. 2,341,340; Feb. 8.
Feeding and serving mechanism. C. H. Brinton and W. E. Zimmermann. 2,340,639; Feb. 1.
Feeding apparatus. W. Armstrong. 2,339,043; Jan. 11.
Feeding apparatus. C. S. Walker. 2,338,148; Jan. 4.
Feeding apparatus, Wool. J. Belli. 2,348,691; May 9.
Feeding device. R. W. Bailey. 2,350,486; June 6.
Feeding device. M. S. Evans and E. C. Stolberg. 2,356,451; Aug. 22.
Feeding device. P. Morreale. 2,362,215; Nov. 7.
Feeding device for pumps. M. W. Huber. 2,356,243; Aug. 22.
Feeding device for sewing machines and the like. L. M. Ballamy and R. H. Sheepshanks. 2,364,046; Dec. 5.
Feeding devices, Control of fuel. A. E. Baak. 2,364,184; Dec. 5.
Feeding mechanism. H. E. Dickerman. 2,348,456; May 9.
Feeding mechanism for briquetting machines. H. S. Fullerton. 2,360,487; Oct. 17.
Feeding mechanism for fringing machines. P. Trabulsi. 2,340,640; May 23.
Feeding mechanism for grinding machines. W. F. Fraser. 2,338,621; Jan. 4.
Feeding mechanism for sewing machines. N. Knaus. 2,341,448; Feb. 8.
Feeding mechanism for sewing machines. W. Kneissler. 2,350,314; May 30.
Feeding mechanism for sewing machines. H. Hacklander. 2,362,267; Nov. 7.
Feeding mechanism for sewing machines. F. Parry. 2,350,807; June 6.
Feeding mechanism for sewing machine heads. E. H. Tozier. 2,355,189; Aug. 8.
Feeding mechanism for tire building. J. C. Carlin. 2,343,954; Mar. 14.
Feeding mechanism for wrapping machines. C. J. Malhiot. 2,350,244; May 30.
Feeding mechanism, Paper. G. F. Daly. 2,348,059; May 2.
Feeding of poultry. B. V. Lamb. 2,340,063; Jan. 25.
Feeding or decanting apparatus, Solution. C. Tietig. 2,354,623; July 25.
Feeding system for burners, Fuel. W. W. Taylor. 2,364,489; Dec. 5.
Feeding unit for injection molding machines. B. D. Ashbaugh. 2,358,956; Sept. 26.
Feeler construction for package stampers. C. Arelt. 2,344,667; Mar. 21.
Felting needle. E. P. Foster. 2,349,086; May 16.
Felts, Forming fibrous. R. N. Brownlee. 2,363,480; Nov. 28.
Felts, Treatment of printing. J. W. Close and C. H. Hoot. 2,345,179; Mar. 28.
Fence, Aerial. A. Berman. 2,345,550; Apr. 4.
Fence construction, Picket. L. L. Dickman. 2,365,397; Dec. 19.
Fence, Electric. W. N. Olson. 2,363,433; Nov. 21.
Fence fastener or staple. C. J. Smith. 2,362,317; Nov. 7.
Fence installation, Electrified. S. A. Moore. 2,364,994; Dec. 12.
Fence, Picket. N. T. MacKenzie. 2,346,111; Apr. 4.
Fence post. N. L. Hall. 2,351,261; June 13.
Fence post. N. T. MacKenzie. 2,360,432; Oct. 17.
Fence stretcher. G. Daugherty. 2,352,694; July 4.
Fencing mask. J. D. Vince. 2,362,597; Nov. 14.
Fender and fender shield construction. F. W. Wohlfield. 2,352,421; June 27.
Fender, fender construction, and assembly. F. W. Wohlfield. 2,365,792; Dec. 26.
Fender shield. A. P. Fergueson. 2,353,553; July 11.
Fender shield construction and assembly. A. P. Fergueson and G. W. Schatzman. 2,352,374; June 27.
Fender shield, Front. G. G. Green. 2,349,421; May 23.
Fender shield latch mechanism. W. B. Schueren. 2,349,466; May 23.
Fender tool. J. L. Carter. 2,357,726; Sept. 5.
Fermentation. B. C. Boeckeler and M. J. P. Bogart. 2,338,228; Jan. 4.
Fermentation process for production of ethanol. L. M. Christensen. 2,356,218; Aug. 22.
Fermentation process for the production of riboflavin (vitamin B_2). P. R. Burkholder. 2,363,227; Nov. 21.
Fermentative production of 2, 3-butylene glycol. L. M. Christensen. 2,344,025; Mar. 14.
Fermented beverages, Vitamizing. M. W. Ditto and W. P. Torrington. 2,364,060; Dec. 5.
Fermenter vessels, Sterilizing. B. C. Boeckeler and M. J. P. Bogart. 2,338,227; Jan. 4.
Ferric hydrate. W. E. Marek. 2,365,202; Dec. 19.
Ferric oxide, Preparation of. C. G. Six. 2,344,004; Mar. 14.

Ferrihemochromogens and preparing them, Therapeutically active. R. D. Barnard. 2,364,018; Nov. 28.
Ferro-titaniferous materials, Treating. A. J. Ravnestad and O. Möklebust. 2,339,808; Jan. 25.
Ferrous alloy. A. T. Cape. 2,355,271; Aug. 8.
Ferrous alloy. A. T. Cape and C. V. Foerster. 2,343,043; Mar. 7.
Ferrous alloys, Corrosion-resistant. N. S. Mott. 2,357,219; Aug. 29.
Ferrous castings having desired physical properties, Producing. H. A. Reece and O. Smalley. 2,352,408; June 27.
Ferrous material, Producing shaped bodies from powdery. C. G. Goetzel. 2,352,316; June 27.
Ferrous metal articles, Treating. D. A. Russell and S. C. Kyle. 2,357,269; Aug. 29.
Ferruginous minerals containing other metal constituents, Treating. O. Moeklebust and A. J. Ravnestad. 2,339,793; Jan. 25.
Ferrule construction for umbrella covers. S. I. Goldstein. 2,350,227; May 30.
Ferrule, Umbrella. J. Levin. 2,350,283; May 30.
Fertilizer attachment. C. H. Gemberling and R. J. Altgelt. 2,345,504; Apr. 4.
Fertilizer distribution. A. C. Fischer. 2,351,256; June 13.
Fertilizer with a deficiency of mineral acids, Producing phosphatic. T. W. Zboralk. 2,361,444; Oct. 31.
Fertilizers and resulting fertilizer, Manufacturing. J. O. Holbrook. 2,348,343; May 9.
Fevers, Inducing artificial. F. C. Houghten and M. B. Ferderber. 2,366,030; Dec. 26.
Fiber and fusible plastic material, Hollow molded preform of. W. W. Carter. 2,365,331; Dec. 19.
Fiber attenuating apparatus. E. Fletcher. 2,353,887; July 18.
Fiber board, Bending grainless ligno-cellulose. H. C. Dee. 2,338,685; Jan. 4.
Fiberboard. E. R. Boller and R. F. Remler. 2,349,698; May 23.
Fiberboard composition. F. Rosenthal. 2,346,943; Apr. 18.
Fiberboard, Felted water-resistant sheet. H. W. Richter. 2,363,439; Nov. 21.
Fiberboard receptacle. C. W. Oakes. 2,344,448; Mar. 14.
Fiber container. L. P. and T. D. Toscano. 2,343,716; Mar. 7.
Fiber fleeces with binding agents, Process and apparatus for the impregnation of. C. L. Nottebohm. 2,338,960; Jan. 11.
Fiber, Modified soybean protein. O. Huppert. 2,364,035; Nov. 28.
Fiber separating machine (ramie). D. E. Patterson. 2,356,600; Aug. 15.
Fiber with water repellency agents, Treatment of textile. L. Collins, G. A. Slowinske, and J. E. Smith. 2,361,270; Oct. 24.
Fibers and products resulting therefrom, Methods and solutions for treating. G. M. Eickus, B. G. Hoffman, S. C. Carpenter, Jr., and W. W. Harris. 2,355,598; Aug. 8.
Fibers, Artificial. M.-O. Schürmann and J. D. Holtz. 2,363,019; Nov. 21.
Fibers, Dyeing textile. C. E. Sparks and J. F. Laucius. 2,363,904; Nov. 28.
Fibers from casein, Manufacturing artificial textile. A. Ferretti. 2,338,917; Jan. 11.
Fibers from proteins, Producing artificial. O. C. H. Sturken. 2,361,713; Oct. 31.
Fibers, Making proteinaceous. F. C. Atwood. 2,342,994; Feb. 29.
Fibers, Manufacture of artificial textile. A. Ferretti. 2,338,918; Jan. 11.
Fibers, Manufacture of artificial textile. A. Ferretti. 2,338,919; Jan. 11.
Fibers, Manufacture of artificial textile. A. Ferretti. 2,338,920; Jan. 11.
Fibers, Manufacture of spun artificial. P. Modigliani and V. Wiesel. 2,344,892; Mar. 21.
Fibers of fibrous material containing keratin, Treatment of. J. B. Speakman. 2,351,718; June 20.
Fibers, Treatment of synthetic textile. T. A. Feild, Jr. 2,339,323; Jan. 18.
Fibre yarns and like product, Production of stable W. Pool. 2,340,985; Feb. 8.
Fibres, Manufacture of artificial textile. A. Ferretti. 2,338,915; Jan. 11.
Fibrous absorbent bodies and making same. W. Eustis. 2,339,662; Jan. 18.
Fibrous bats, Making. T. A. Unsworth. 2,341,130; Feb. 8.
Fibrous-covered container. L. M. Wiley. 2,350,950; June 6.
Fibrous glass product. G. Slayter. 2,339,431; Jan. 18.
Fibrous glass, Treatment of. H. W. Collins. 2,344,601; Mar. 21.
Fibrous insulating materials, Treatment of. T. E. O'Donnell. 2,346,324; Apr. 11.
Fibrous material and product resulting therefrom, Treating. F. C. Atwood. 2,342,634; Feb. 29.
Fibrous material and the material treated by such a process, Process for improving. C. Graenacher, R. Sallmann, O. Albrecht, and J. Frei. 2,345,110; Mar. 28.
Fibrous material, Saturation of. A. F. Weimann. 2,343,600; Mar. 7.
Fibrous materials, Composition and process for treating. H. Ulrich, E. Ploetz, and E. Noid. 2,348,039; May 2.
Fibrous materials, Improving brightness of. F. Axelrad. 2,341,009; Feb. 8.
Fibrous materials, Uniting. F. S. Bacon. 2,361,527; Oct. 31.
Fibrous pads or mats, Method for maxing. R. M. Wiley. 2,338,610; Jan. 4.
Fibrous products and product thereof, Treating. E. W. Cluesenkamp. 2,365,813; Dec. 26.
Fibrous products, Producing. C. S. Francis, Jr. 2,357,392; Sept. 5.
Fibrous products, Production of. W. Picker. 2,340,984; Feb. 8.
Fibrous sheet conditioning machine. R. H. Greene. 2,347,555; Apr. 25.
Fibrous sheet covered plywood. D. G. Birmingham. 2,343,740; Mar. 7.
Fibrous sheet, Metal reinforced. A. M. Cowan. 2,359,205; Sept. 26.
Field control for wind driven generators. J. R. Albers. 2,339,749; Jan. 25.
Field kitchen, Steam. R. M. and J. K. Wiles. 2,354,630; July 25.
Field mat. O. F. Arthur. 2,361,164; Oct. 24.
Field mechanism for view finders, Variable. O. Wittel. 2,364,413; Dec. 5.
Field production, Distillate. C. F. Teichmann. 2,357,703; Sept. 5.
Field winding for dynamoelectric machines. E. I. Pollard and J. A. Benyak. 2,347,063; Apr. 18.
Fifth wheel. H. Ketel. 2,348,977; May 16.
Fifth wheel construction. F. M. Reid. 2,353,267; July 11.
Fighting forest fires, Means for. D. R. MacKay. 2,359,573; Oct. 3.
Figures for animated photography, Producing. E. Nassour. 2,358,530; Sept. 19.
Filament and making, Emissive. P. W. Stutsman. 2,362,510; Nov. 14.
Filament, Artificial. A. F. Smith. 2,341,823; Feb. 15.
Filament connection for electric lamps. L. G. Leighton. 2,338,855; Jan. 11.
Filament connection for electric lamps. R. E. Smith. 2,351,299; June 13.
Filament cutting apparatus. J. J. Gregory. 2,356,841; Aug. 29.
Filament, fiber, and foil, Artificial. J. Kleine. 2,352,328; June 27.
Filament mount. P. O. Cartun. 2,347,028; Apr. 18.
Filament transformer system, Low capacity. J. L. Finch. 2,354,585; July 25.
Filamentary guiding mechanism. A. Lodge. 2,342,153; Feb. 22.
Filamentary materials, Production of. A. C. Chibnall and K. Bailey. 2,358,253; Sept. 19.
Filamentous materials, Treating. J. B. Calva. 2,348,602; May 9.
Filaments and threads, Treating. P. K. Schwarts. 2,351,549; June 13.
Filaments, fibers and foils, Production of artificial. J. Kleine. 2,351,345; June 13.
Filaments from molten thermoplastic materials, Production of. E. Dumont. 2,347,036; Apr. 18.
Filaments from vegetable globulin, Manufacture of. D. Traill. 2,358,427; Sept. 19.
Filaments into staple fiber yarn and like products, Conversion of continuous. C. H. Hays and W. A. Dickie. 2,359,847; Oct. 10.
Filaments, Process and apparatus for producing. J. J. Reis, Jr. 2,356,886; Aug. 29.
Filaments, Taper grinding of artificial. F. F. Cunningham. 2,365,396; Dec. 19.
Filaments, thread fibers, bands, films, and the like from proteins, Producing. L. A. van Bergen. 2,354,077; July 18.
Filaments to their support, Attachment of. W. J. Knochel and H. F. Beyer. 2,353,961; July 18.
File. J. F. Linden. 2,362,491; Nov. 14.
File band support for filing machines. H. Petersen. 2,361,791; Oct. 31.
File, Book. H. C. Lindros. 2,348,914; May 16.
File box closure. H. L. Fellowes. 2,339,601; Jan. 18.
File box closure. H. L. Fellowes. 2,360,117; Oct. 10.
File, Card. G. C. Bruen. 2,340,862; Feb. 8.
File drawers, Follower for. H. W. Bradner. 2,338,898; Jan. 11.
File fastener. E. E. Krumwiede. 2,345,484; Mar. 28.
File folder and index tab construction. C. J. Bates. 2,357,070; Aug. 29.
File or the like, Visible records. A. M. Martin. 2,359,376; Oct. 3.
File rack. L. H. Burlin. 2,351,571; June 13.
File, Rotary index. W. Cory. 2,343,280; Mar. 7.
File tray. C. F. Wolters. 2,350,266; May 30.
Files, Method and apparatus for cutting. A. Anheuser. 2,343,271; Mar. 7.
Files, Sharpening. R. Martinez. 2,353,683; July 18.
Filing apparatus. J. B. Murray. 2,353,059; July 4.
Filing cabinet. J. W. Cowan. 2,363,574; Nov. 28.
Filing cabinet. J. A. Miller. 2,343,092; Mar. 7.
Filing cabinet. W. F. Regenhardt. 2,344,168; Mar. 14.

Filing cabinet. A. C. Strayer. 2,341,886; Feb. 15.
Filing cabinet. C. F. Wolters and G. E. Watkins. 2,338,477; Jan. 4.
Filing cabinet follower. J. W. and G. N. Paxton and I. R. Cornish. 2,364,912; Dec. 12.
Filing device. R. Babineau. 2,345,228; Mar. 28.
Filing equipment. J. F. Douglas. 2,347,035; Apr. 18.
Filing equipment. E. L. Zwickel. 2,339,447; Jan. 18.
Filing machine. A. Lapkoff. 2,350,779; June 6.
Filing tool. O. W. Thrailkill. 2,354,716; Aug. 1.
Filled cans, Method of and apparatus for removing air from the head spaces of. J. M. Boyd, L. E. Clifcorn and G. T. Peterson. 2,362,799; Nov. 14.
Filler: *See*—
Shoe bottom filler.
Filler and cleaner, Automatic pen. R. P. Aler. 2,354,288; July 25.
Filler, Cream. R. L. Lloyd and P. H. Prentiss. 2,359,228; Sept. 26.
Filler, Dual type volume. M. M. Raymer. 2,354,087; July 18.
Filler for quilts and the like. J. Goodstein. 2,348,807; May 16.
Filler or pigment product and manufacture. G. H. Gloss and R. E. Clarke. 2,354,558; Aug. 1.
Filler shield. W. S. Brightman. 2,341,511; Feb. 15.
Filling and binding composition. E. E. Beck. 2,357,573; Sept. 5.
Filling and strainer device. N. A. Arvins and A. A. Arvints. 2,344,486; Mar. 21.
Filling and venting structure. J. L. Woodbridge. 2,338,389; Jan. 4.
Filling apparatus. G. M. Biner. 2,351,392; June 13.
Filling apparatus for tractor gasoline tanks. F. T. Ranney. 2,356,428; Aug. 22.
Filling carrier transferring mechanism. H. H. Burdett. 2,350,308; May 30.
Filling carrier transferring mechanism. W. Hamilton. 2,342,857; Feb. 29.
Filling compound for insulating conductors. C. F. Hill. 2,351,964; June 20.
Filling cutting means. C. D. Brown. 2,352,366; June 27.
Filling device. W. D. Cook. 2,340,936; Feb. 8.
Filling for tooth cavities, Basic. D. C. Anderson. 2,361,161; Oct. 24.
Filling machine. E. G. Bauer. 2,340,637; Feb. 1.
Filling machine. L. A. Boylan. 2,359,082; Sept. 26.
Filling machine. C. E. Kerr. 2,360,565; Oct. 17.
Filling machine. W. McK. Martin. 2,340,336; Feb. 1.
Filling machine. W. McK. Martin. 2,345,617; Apr. 4.
Filling machine. W. M. Martin. 2,351,059; June 13.
Filling machine. W. Pechy. 2,356,176; Aug. 22.
Filling machine. R. J. Stewart and H. J. Rever. 2,353,523; July 11.
Filling machine. A. R. Thompson. 2,346,056; Apr. 4.
Filling machine, Bottle crate. N. G. Creamer. 2,358,447; Sept. 19.
Filling machine for containers. J. E. Weaver. 2,348,582; May 9.
Filling machine, Valve-controlled. M. Goldberg. 2,359,029; Sept. 26.
Filling material for reaction spaces. A. M. Fairlie. 2,348,208; May 9.
Filling mechanism for fountain pens. D. F. Mohns. 2,343,991; Mar. 14.
Filling mixing weft replenishing loom. W. H. Wakefield. 2,363,628; Nov. 28.
Filling mixture for shoe bottoms. R. A. Holbrook and W. O. Hooker. 2,362,378; Nov. 7.
Filling valve. C. E. Kerr. 2,348,480; May 9.
Filling valve bags. W. R. Peterson. 2,345,287; Mar. 28.
Fillet roller, Bearing. C. W. Jackman. 2,357,515; Sept. 5.
Fillets in hollow steel propeller blades, Producing. W. E. John. 2,341,784; Feb. 15.
Film actuating means. P. F. Sperry. 2,351,886; June 20.
Film advancing assembly. A. B. Fuller. 2,346,070; Apr. 4.
Film apparatus. A. Cramwinckel and F. L. van Weenen. 2,349,941; May 30.
Film carton with mailing tag. B. C. Roehrl. 2,359,679; Oct. 3.
Film clamping mechanism for projectors. R. S. Hopkins. 2,341,378; Feb. 8.
Film cleaner. R. L. Smith. 2,351,371; June 13.
Film coagulating bath, Regenerative cellulosic. D. E. Drew. 2,360,405; Oct. 17.
Film coatings, Making highly glazed. W. R. Collings. 2,350,987; June 13.
Film, Color. A. H. J. De Lassus Saint Genies. 2,351,019; June 13.
Film developing apparatus. H. Neuwirth. 2,345,682; Apr. 4.
Film developing apparatus. J. Spota. 2,341,666; Feb. 15.
Film developing holder for motion picture films. C. Bryant. 2,344,493; Mar. 21.
Film developing rack. W. B. Moore. 2,365,485; Dec. 19.
Film developing tank and method. A. Broms. 2,351,396; June 13.
Film device. H. Van der Schalie. 2,363,627; Nov. 28.
Film drive mechanism, Sound. E. W. Kellogg. 2,364,148; Dec. 5.
Film, filament, fiber or other shaped article made by hardening proteins coagulated from their solutions. E. C. Fieldsend and W. H. D. Boyes. 2,347,077; May 2.
Film for glass, Transmission. F. L. Jones. 2,344,250; Mar. 14.
Film for the production of colored copies, Matrix. G. Heymer. 2,354,121; July 18.
Film for zinc surfaces and making the same, Coating. J. J. Waters. 2,352,579; June 27.
Film-forming composition. H. Fales. 2,338,416; Jan. 4.
Film forming composition, method, and article. I. L. Griffin, D. E. Truax, and N. H. Nuttall. 2,343,898; Mar. 14.
Film frame. E. Margulies. 2,359,659; Oct. 3.
Film gate for motion picture apparatus. L. D. Martin. 2,341,460; Feb. 8.
Film gate pressure pad. A. W. Tondreau and F. W. Gage. 2,357,707; Sept. 5.
Film guiding and feeding device for cinematographic apparatus. E. Wurger. 2,355,939; Aug. 15.
Film guiding assembly. A. E. Lechleitner. 2,350,780; June 6.
Film handling apparatus. R. S. Hopkins. 2,346,074; Apr. 4.
Film handling apparatus. O. W. Wilson and W. D. Foster. 2,351,088; June 13.
Film holder for photographic enlargers. C. J. Hughey. 2,353,241; July 11.
Film holder with light valves or guards. B. L. Smith. 2,339,656; Jan. 18.
Film identification signal. H. O. Drotning. 2,350,733; June 6.
Film, Laminating. G. D. Mallory. 2,351,350; June 13.
Film loading device. J. Bolsey. 2,359,612; Oct. 3.
Film magazine. W. Kriegsheim. 2,353,044; July 4.
Film magazine, Continuous. A. C. De Napoli, Jr. 2,363,403; Nov. 21.
Film magazine ejecting mechanism. P. F. Sperry. 2,366,153; Dec. 26.
Film magazine shutter control. C. B. Gaty. 2,342,512; Feb. 22.
Film measuring apparatus. H. W. Houston. 2,351,337; June 13.
Film mount and mounting. M. Libby and H. Roth. 2,338,189; Jan. 4.
Film movement mechanism. A. W. Tondreau. 2,364,490; Dec. 5.
Film pack holder or adapter. O. Steiner. 2,353,895; July 18.
Film patching jig. J. M. Barr and R. C. Mercer. 2,348,237; May 9.
Film processing machine. J. G. Capstaff. 2,353,219; July 11.
Film rack. E. W. Cooper. 2,364,891; Dec. 12.
Film reel. J. M. Goldberg. 2,358,504; Sept. 19.
Film reel. J. M. Gordon. 2,339,009; Jan. 11.
Film reel. G. W. Keene. 2,343,980; Mar. 14.
Film reel. J. M. Kuhlik. 2,355,594; Aug. 8.
Film, Regenerated cellulosic. C. L. Hutchinson. 2,338,182; Jan. 4.
Film scrap, Recovering. A. D. Slack. 2,338,672–3; Jan. 4.
Film scrap, Recovery of. H. T. Clarke and J. G. Stampfli. 2,364,343; Dec. 5.
Film shaping and laminating device. A. M. Marks. 2,354,692; Aug. 1.
Film sheets, Making. D. Schachar. 2,353,504; July 11.
Film sound recording system. G. T. Lorance. 2,346,496; Apr. 11.
Film splicer. E. E. Russell. 2,346,874; Apr. 18.
Film spool. J. Mihalyi. 2,346,075; Apr. 4.
Film spool. S. M. Tucker and W. N. Schuler. 2,341,491; Feb. 8.
Film, Strip. F. T. Powers. 2,358,590; Sept. 19.
Film take-up. G. A. del Valle. 2,343,961; Mar. 14.
Film titler. C. W. Whitaker. 2,346,096; Apr. 4.
Film treating machine. W. Geyer. 2,338,422; Jan. 4.
Film winding device for cameras. A. Simmon. 2,340,624; Feb. 1.
Film winding mechanism. C. H. Harris. 2,357,328; Sept. 5.
Films conveyer, Paper. E. Zollinger. 2,342,780; Feb. 29.
Films, Lamination of water-sensitive. G. S. and H. S. Heaven, and C. R. Oswin. 2,338,432; Jan. 4.
Films, Making superpolyamide. O. Herrmann, A. Wunderer, and H. Böttger. 2,351,208; June 13.
Films, Manufacture of. H. D. Foster and A. W. Larchar. 2,364,435; Dec. 5.
Films, Method and apparatus for depositing. J. F. Morse. 2,357,536; Sept. 5.
Films, Method of and apparatus for depositing. C. W. Leguillon. 2,351,271; June 13.

Filter: *See*—
Air filter.
Cleanable filter.
Coiled paper filter.
Electric filter.
Electromechanical filter.
Flue bag container.
Fluid filter.
Fuel oil filter.
Honey filter.
Liquid filter.
Mechanical wave filter.
Nasal filter.
Oil filter.
Oil well filter.
Precoat filter.
Pressure filter.
Self-cleaning filter.
Spiral oil filter.
Swingable filter.
Universal resistance capacitance filter.
Wave filter.
Filter. O. B. Ackerly, Jr. 2,362,331; Nov. 7.
Filter. J. A. Baldwin. 2,357,572; Sept. 5.
Filter. H. Bateman. 2,354,645; Aug. 1.
Filter. H. L. Bennett. 2,362,530; Nov. 14.
Filter. F. A. De Lisle. Re. 22,520; July 25.
Filter. H. W. Denhard. 2,363,840; Nov. 28.
Filter. A. Gordon. 2,359,985; Oct. 10.
Filter. B. G. Heebink. 2,341,097; Feb. 8.
Filter. W. Kasten. 2,354,380; July 25.
Filter. C. B. Nyman. 2,362,300; Nov. 7.
Filter. H. F. Oswald. 2,352,340; June 27.
Filter. W. Paterson and O. C. Kerrison. 2,347,927; May 2.
Filter. G. J. Polivka. 2,341,414; Feb. 8.
Filter. G. G. Schelly. 2,348,651; May 9.
Filter. R. L. Skinner and W. Kasten. 2,360,020; Oct. 10.
Filter. R. C. Sloan. 2,349,469; May 23.
Filter. C. H. Smith. 2,365,360; Dec. 19.
Filter. C. G. Vokes. 2,364,573; Dec. 5.
Filter. D. H. Wells and M. De Groote. 2,343,427–38; Mar. 7.
Filter. F. W. Young. 2,352,303–4; June 27.
Filter and automatic valve. G. Lee. 2,352,330; June 27.
Filter and drier. A. P. Anderson. 2,365,149; Dec. 19.
Filter and heater unit holder particularly for aerial cameras. R. J. Nitsch. 2,353,898; July 18.
Filter and solids trap. V. L. Snow. 2,356,953; Aug. 29.
Filter assembly for coffee makers. I. Jepson and E. Bylund. 2,345,265; Mar. 28.
Filter assembly for coffee makers. I. Jepson, L. J. Koci and E. Bylund. 2,345,262; Mar. 28.
Filter bag. G. E. Shriver and J. U. Mann. 2,338,549; Jan. 4.
Filter bags, Washing of. A. E. Anderson. 2,351,652; June 20.
Filter bed cleaning. J. B. Goldsborough. 2,352,624; July 4.
Filter bed filtration with filter bed cleaning. C. Lose, Jr. 2,339,094; Jan. 11.
Filter blank. J. M. Sanford. 2,349,115; May 16.
Filter cleaner with bed settling chamber. C. E. Fraser. 2,346,216; Apr. 11.
Filter element. G. J. Klopfenstein. 2,359,368; Sept. 3.
Filter element. A. B. Mason. 2,354,395; July 25.
Filter element. E. C. Walker and F. Buck. 2,352,300; June 27.
Filter element, Self-cleaning. P. G. Cox. 2,365,525; Dec. 19.
Filter elements, Making. D. A. Gauthier. 2,359,475; Oct. 3.
Filter for airplane engines, Lubricating oil. G. Gilbert. 2,352,315; June 27.
Filter for blood and plasma transfusion, Disposable. M. Novak. 2,341,114; Feb. 8.
Filter for cigar- and cigarette-holders. A. de Bary. 2,344,342; Mar. 14.
Filter for dry cleaning liquids. H. L. Lindblad. 2,358,238; Sept. 12.
Filter glass holder. E. B. Maillart. 2,353,682; July 18.
Filter medium. E. W. Rugeley. 2,355,822; Aug. 15.
Filter mediums, Forming. C. S. Knight. 2,358,932; Sept. 26.
Filter press and control mechanism therefor. R. E. Harris. 2,346,375; Apr. 11.
Filter shell. J. K. Russell. 2,354,481; July 25.
Filter system, Flow regulating and liquid distributing. L. R. Smith and R. H. Yoeckel. 2,363,754; Nov. 28.
Filter tank assembly. J. E. Brown. 2,354,195; July 25.
Filter underdrain. E. W. Welp. 2,351,308; June 13.
Filter unit and making same. C. G. and G. Gilbert. 2,361,092; Oct. 24.
Filtering and decanter device. P. Schlumbohm. 2,359,943; Oct. 10.
Filtering and filtering apparatus. H. R. Black. 2,350,011; May 30.
Filtering and like treatment of fluids. W. J. Forrest and C. H. Brown. 2,338,417; Jan. 4.
Filtering and like treatment of fluids. W. J. Forrest and C. H. Brown. 2,338,418; Jan. 4.
Filtering and like treatment of fluids. W. J. Forrest and C. H. Brown. 2,338,419; Jan. 4.
Filtering apparatus. E. R. Clark. 2,342,035; Feb. 15.
Filtering apparatus and method. C. E. Fraser. 2,350,160; May 30.
Filtering device or the like. H. L. Dick and C. B. Oliver. 2,347,104; Apr. 25.
Filtering member. J. A. Tolman. 2,354,931; Aug. 1.
Filtering process, Gasoline. B. V. Stoll. 2,338,142; Jan. 4.
Filters, Polarizing. O. Vierling and P. Günswein. 2,344,117; Mar. 14.
Filtration. W. Kiersted, Jr. 2,341,045; Feb. 8.
Filtration. W. Kiersted, Jr. 2,348,822; May 16.
Filtration apparatus. A. J. Devine and E. G. Smith. 2,359,753; Oct. 10.
Filtration unit. A. L. Stamsvik. 2,345,014; Mar. 28.
Fin-cutting machine. G. B. Farkas and A. Y. Gunter. 2,364,432; Dec. 5.
Fin mast antennae. A. G. Vogel. 2,351,723; June 20.
Finned tube. J. W. Brown, Jr. 2,355,621; Aug. 15.
Finned tubing and the like, Manufacture of. E. A. Schryber. 2,344,790; Mar. 21.
Fins, Supplementary radiant heat cooling. V. R. Abrams. 2,340,555; Feb. 8.
Final drive casing brace. J. T. Liggett. 2,349,100; May 16.
Finder, Range. J. J. Stevenson. 2,364,557; Dec. 5.
Fine adjustment mechanism. H. L. Gibson. 2,363,409; Nov. 21.
Finely divided fuel burner. W. F. Oberhuber. 2,343,572; Mar. 7.
Finger exerciser, Surgical cast-supported. J. A. De Mona. 2,353,129; July 11.
Finger guard. E. W. Beatty. 2,351,906; June 20.
Finger-printing apparatus. P. K. Sowash. 2,353,420; July 11.
Finger ring. E. Palliser. 2,350,806; June 6.
Finger ring. E. W. Eaiman. 2,346,607; Apr. 11.
Finger stop. W. L. Garberding. 2,340,805; Feb. 1.
Finish and mounting for room interiors. A. F. Marshall. 2,346,264; Apr. 11.
Finish to pipe, Applying surface. C. M. Wood and C. L. Jones. 2,353,961; July 18.
Finish upon glass surfaces, Providing a matte. F. W. Adams. 2,359,072; Sept. 26.
Finishing apparatus and method, Article. C. W. Gebhardt. 2,348,064; May 2.
Finishing system. G. Q. Decker, 3rd. 2,363,658; Nov. 28.
Finishing tool. J. C. Cantley. 2,353,646; July 18.
Finishing tool. D. J. King. 2,356,165; Aug. 22.
Finishing tool. E. A. Millonig. 2,350,794; June 6.
Fire alarm hook tripping mechanism. C. E. Koontz. 2,339,706; Jan. 18.
Firearm. C. H. Barnes. 2,341,260; Feb. 8.
Firearm. M. A. Browning. 2,365,389; Dec. 19.
Fire arm. W. B. Conway. 2,358,792; Sept. 26.
Firearm. J. Dobfemysl. 2,361,180; Oct. 24.
Firearm. E. E. Garland. 2,341,033; Feb. 8.
Firearm. W. T. Gorton. 2,365,188; Dec. 19.
Firearm. M. M. Johnson, Jr. 2,341,869; Feb. 15.
Firearm. E. H. Johnson. 2,354,025; July 18.
Firearm. G. H. Lanchester. 2,365,087; Dec. 12.
Firearm. C. C. Loomis. 2,353,679; July 18.
Firearm. C. C. Loomis. 2,356,256; Aug. 22.
Firearm. C. C. Loomis. 2,356,491; Aug. 22.
Firearm. K. J. Lowe. 2,356,257; Aug. 22.
Firearm. H. F. Mossberg. 2,339,027; Jan. 11.
Firearm. H. H. Pickens. 2,345,003; Mar. 28.
Firearm. E. G. Reising. 2,356,726–7; Aug. 22.
Firearm. J. G. Seitz. 2,365,440; Dec. 19.
Firearm. R. G. Stout. 2,361,510; Oct. 31.
Firearm. H. Sundquist. 2,343,341; Mar. 7.
Firearm. J. B. Sweany. 2,341,298–9; Feb. 8.
Firearm. R. J. Turner. 2,365,142; Dec. 12.
Firearm. C. A. Young. 2,365,036; Dec. 12.
Firearm accessory. W. L. Swarts. 2,364,487; Dec. 5.
Firearm and combined accessories, Automatic. G. Webb. 2,359,263; Sept. 26.
Firearm, Automatic. W. T. Gorton. 2,352,193; June 27.
Firearm, Automatic. T. F. Horan. 2,341,780; Feb. 15.
Firearm, Automatic. T. F. Horan. 2,357,047; Aug. 29.
Firearm, Automatic. J. Koucky. 2,351,976; June 20.
Firearm construction. D. M. Williams. 2,353,800; July 18.
Firearm, Gas-operated self-loading. D. M. Williams. 2,346,954; Apr. 18.
Firearm, Gas-operated self-loading. D. M. Williams. 2,355,768; Aug. 15.
Firearm magazine. M. Birkigt. 2,360,035; Oct. 10.
Firearm, Self-loading repeating. C. G. Swebilius. 2,342,824; Feb. 29.
Firearm, Self-loading repeating. C. G. Swebilius. 2,365,307; Dec. 19.
Firearm, Self-loading takedown. C. G. Swebilius. 2,365,306; Dec. 19.
Firearm sight. G. D. Russell. 2,339,723; Jan. 18.
Firearm, Take-down. D. M. Williams. 2,345,083; Mar. 28.
Firearm, Tubular-magazine repeating. T. F. Horan. 2,350,555; June 6.
Firearm with sling strap. D. M. Williams. 2,350,484; June 6.
Firearms, Gas-operated actuating mechanism for. F. L. Humeston. 2,340,962; Feb. 8.
Firearms implement. E. R. Christensen and G. L. Burr. 2,359,897; Oct. 10.
Firearms, Magazine for. O. F. Van Horn and J. D. Whittaker. 2,338,984; Jan. 11.
Fire bomb. A. P. Prather and R. Russell. 2,351,635; June 20.
Firebox and grate. J. H. Mooney. 2,339,506; Jan. 18.
Firebox, Locomotive boiler. G. J. Christenson. 2,356,216; Aug. 22.
Firebox, Locomotive boiler. A. W. Nelson. 2,356,263–4; Aug. 22.

Fire control apparatus. I. H. McMann. 2,355,664; Aug. 15.
Fire control director, Antiaircraft. E. W. Chafee and S. G. Myers. 2,340,865; Feb. 8.
Fire control system. R. E. Crooke. 2,339,461; Jan. 18.
Fire control system. W. H. Newell. 2,339,508; Jan. 18.
Fire detecting and alarm device. C. R. Morton. 2,357,681; Sept. 5.
Fire detector and extinguisher. C. R. Morton. 2,357,682; Sept. 5.
Fire extinguisher. J. C. Carter. 2,358,848; Sept. 26.
Fire extinguisher. J. E. Fitzsimons. 2,347,548; Apr. 25.
Fire extinguisher. C. H. Lindsay. 2,345,759; Apr. 4.
Fire extinguisher. C. L. Panius and R. K. Stout. 2,346,183; Apr. 11.
Fire extinguisher. U. Piagneri. 2,351,365; June 13.
Fire extinguisher. M. J. Sullivan. 2,344,479; Mar. 14.
Fire extinguisher. S. V. Swarr, Sr. 2,355,483; Aug. 8.
Fire extinguisher and sprayer, Knapsack. G. E. Bullock. 2,343,400; Mar. 7.
Fire extinguisher discharge apparatus. H. V. Williamson. 2,364,631; July 26.
Fire extinguishing and preventing system for motor vehicles. W. Kochmann. 2,338,440; Jan. 4.
Fire extinguishing apparatus. F. C. Bishop. 2,338,313; Jan. 4.
Fire extinguishing apparatus. H. E. Braloff. 2,352,512; June 27.
Fire extinguishing apparatus. H. B. Quarfoot. 2,354,611; July 25.
Fire extinguishing foam, Making. A. F. Ratzer. 2,361,057; Oct. 24.
Fire extinguishing method and apparatus. E. Geertz. 2,352,378; June 27.
Fire-extinguishing method and apparatus. C. A. Getz. 2,341,436–7; Feb. 8.
Fire extinguishing method and apparatus. L. D. Myers. 2,352,399; June 27.
Fire extinguishing method and apparatus. H. V. Williamson. 2,357,039–40; Aug. 29.
Fire extinguishing nozzle. W. Williamson. 2,359,455; Oct. 3.
Fire extinguishing pump. H. E. Brandt. 2,357,929; Sept. 12.
Fire extinguishing system. F. B. Allen. 2,358,199; Sept. 12.
Fire extinguishing system. C. A. Getz. 2,356,990; Aug. 29.
Fire extinguishing system with remote controlled selective multiway distribution. A. Mathisen. 2,353,765; July 18.
Fire extinguishing unit. F. J. Lee. 2,357,961; Sept. 12.
Fire-fighting apparatus. E. E. Carpenter. 2,360,397; Oct. 17.
Fire hydrant and highway construction therefor, Flush type. C. H. and P. H. Scott. 2,351,640; June 20.
Fireman's tool. T. L. Sadler. 2,360,163; Oct. 10.
Fireplace air circulating heater. J. E. Leonard. 2,360,611 Oct. 17.
Fireplace heater. W. R. Brooks. 2,359,197; Sept. 26.
Fireplace screen. J. F. Shannon. 2,356,892; Aug. 29.
Fire polishing machine. W. J. Fedorchak, A. S. Jackson, F. A. McCormick, C. A. Heyne, and H. E. Nelson. 2,338,841; Jan. 11.
Fire pot block. F. R. Higley. 2,365,193; Dec. 19.
Fireproofing plasticizers. H. Hopkinson. 2,343,186; Feb. 29.
Fire rescue device. V. P. Bailey. 2,338,833; Jan. 11.
Fire resistant electrically conductive rubber article. D. Bulgin. 2,341,360; Feb. 8.
Fire screen. F. G. Wallenta. 2,338,219; Jan. 4.
Firing angle indicator. H. J. Fanger. 2,350,103; May 30.
Firing mechanism. J. G. Seitz. 2,350,833; June 6.
Firing mechanism, Deep well. H. H. Greene. 2,344,297; Mar. 14.
Firing mechanism for automatic arms. G. Revelli. 2,356,615; Aug. 22.
Firing mechanism for firearms. D. M. Williams. 2,361,519; Oct. 31.
Firing pin inspection, Instrument for. L. Meister. 2,340,893; Feb. 8.
Firing safety attachment, Blank. H. R. Audet. 2,355,045; Aug. 8.
Fish bait. J. C. Setnicka. 2,340,569; Feb. 1.
Fish catching device. H. M. Vieths. 2,348,040; May 2.
Fish, Dressing. P. Danielsson. 2,353,654; July 18.
Fish food and making. R. D. Elsaman. 2,358,320; Sept. 19.
Fish holding device. F. W. Benton and A. C. Porterfield. 2,358,682; Sept. 19.
Fishhook. O. D. Premo. 2,357,357; Sept. 5.
Fishhook. F. E. Titus. 2,360,650; June 6.
Fishhook and producing same. H. Hirsch and W. B. Saul. 2,345,197; Mar. 28.
Fishhook extractor. J. A. Stevens. 2,348,662; May 9.
Fishhook retriever. E. Paulick. 2,353,357; July 11.
Fish livers, Treating. L. O. Buxton. 2,345,099; Mar. 28.
Fish lure. A. Divine. 2,338,577; Jan. 4.
Fish lure. E. G. Harman. 2,360,563; Oct. 17.
Fish lure. P. W. Kridler. 2,358,079; Sept. 12.
Fish lure, Artificial. J. O'Byrne. 2,341,234; Feb. 8.
Fish lure, Automatic erratic. R. W. Jenkins. 2,357,472; Sept. 5.
Fish lure container. L. Nelson, Jr. 2,364,807; Dec. 12.
Fish pole holder and clamp. E. H. White. 2,341,065; Feb. 8.
Fish scaling and cleaning device. C. E. Wisher. 2,364,333; Dec. 5.
Fish stringer and the like. C. R. Carpenter. 2,354,848; Aug. 1.
Fishing apparatus. E. H. Kruse. 2,365,414; Dec. 19.
Fishing cork. L. Sykora. 2,351,558; June 13.
Fishing device. G. W. Groves. 2,340,588; Feb. 1.
Fishing lure. A. J. Edwards. 2,359,410; Oct. 3.
Fishing lure and making same. G. D. Schweigert. 2,350,572; June 6.
Fishing lure and manufacture. L. W. Weesner. 2,365,502; Dec. 19.
Fishing pole and reel. R. J. Wright. 2,342,993; Feb. 29.
Fishing reel. J. A. Coxe and R. P. McMahon. 2,347,173; Apr. 25.
Fishing reel. R. P. Garman. 2,360,488; Oct. 17.
Fishing reel. H. F. Khoenle. 2,355,445; Aug. 8.
Fishing reel. R. R. Lawrens. 2,352,903; July 4.
Fishing reel. C. B. Lowe. 2,344,209; Mar. 14.
Fishing reel. H. F. Maynes. 2,338,126; Jan. 4.
Fishing reel. H. F. Maynes. 2,340,892; Feb. 8.
Fishing reel. R. P. McMahon. 2,354,530; July 25.
Fishing reel. R. B. Ransom. 2,361,239; Oct. 24.
Fishing reel. W. S. Torrence. 2,352,138; June 20.
Fishing reel spool. J. A. Coxe. 2,344,132; Mar. 14.
Fishing reels, Backlash preventer for. V. E. Babcock. 2,341,073; Feb. 8.
Fishing rod. J. C. Backe. 2,351,734; June 20.
Fishing rods, Making. E. D. Ibbotson and E. Schmidt. 2,364,849; Dec. 12.
Fishing signal. T. T. Ross. 2,354,279; July 25.
Fishing tackle, Knee action. E. Guarnieri. 2,352,631; July 4.
Fishing tool. F. R. Burch. 2,345,727; Apr. 4.
Fishing tool. F. M. Milek. 2,350,692; June 6.
Fishing tool. T. C. Wherry. 2,347,759; May 2.
Fitting for attaching side rails to corner posts. J. Ketola. 2,345,344; Mar. 28.
Fitting for corrugated flexible hose, Removable. P. L. Lake. 2,357,669; Sept. 5.
Fitting for service entrance cable. C. H. Bissell. 2,362,184; Nov. 7.
Fittings to hose-ends, Securing. L. R. Nelson. 2,338,666; Jan. 4.
5-chloro-quinizarin, Manufacture of. R. N. Lulek and E. C. Buxbaum. 2,346,772; Apr. 18
Fixed maximum torque tension wrench. A. E. Nelson. 2,362,149; Nov. 7.
Fixing agent and fixing colloid reliefs. J. Mahler. 2,346,755; Apr. 18.
Fixture. R. S. Sanford. 2,340,274; Jan. 25.
Fixture and hinge bracket therefor. R. S. Sanford. 2,353,365; July 11.
Fixture and sterile lamp, Combined light. M. S. Greenwald. 2,339,010; Jan. 11.
Fixture element. P. B. Shailer. 2,356,703; Aug. 22.
Fixture, Filler. F. S. Van Ness. 2,360,914; Oct. 24.
Fixture for fluorescent tubes. B. Levy. 2,346,315; Apr. 11.
Fixture for forming gear cutters. H. Pelphrey. 2,346,866; Apr. 18.
Fixture for gas cylinders of rifles, Plating. G. Kalista. 2,363,005; Nov. 21.
Fixture for gears. A. W. Klomp. 2,354,816; Aug. 1.
Fixture for installing and removing the abrading elements of rotary abraders. R. A. Fontaine. 2,348,288; May 9.
Fixture for machine tools. W. Melin. 2,362,288; Nov. 7.
Fixture for poles, Gain. L. G. Hoyt. 2,338,435; Jan. 4.
Fixture, Illuminating. K. P. Kallman. 2,364,854; Dec. 12.
Fixture, Lamp. R. G. Maurette. 2,364,992; Dec. 12.
Fixture, Lighting. T. A. Carter, Jr. 2,345,235; Mar. 28.
Fixture, Lighting. R. D. Winkelmeyer. 2,338,559; Jan. 4.
Fixture, Sine bar. A. A. Balk. 2,359,018; Sept. 26.
Fixture support. F. H. Renner. 2,349,003; May 16.
Fixture, Universal material working. R. J. Sherman. 2,343,088; Feb. 29.
Fixture, Wall covering. S. P. Lichtor. 2,346,769; Apr. 18.
Fixture, Work positioning. O. E. Sorensen. 2,345,312; Mar. 28.
Fixtures for metallic containers, Constructing bushing. L. B. Wackman. 2,356,901; Aug. 29.
Fixtures, Testing. C. Paulson. 2,355,555; Aug. 8.
Flag or similar mounting for aerials. J. C. Shepherd. 2,342,017; Feb. 15.
Flag staff structure. A. B. Gardella. 2,362,368; Nov. 7.
Flame coloring sticks, Making. J. P. B. Fiske. 2,363,306; Nov. 21.
Flameproof electric motor. P. A. H. Mossay. 2,349,105; May 16.
Flameproofing. H. Bennett. 2,357,725; Sept. 5.
Flame retention nozzle. W. Ferguson. 2,365,945; Dec. 26.
Flange and angle level. J. M. Donaldson. 2,358,564; Sept. 19.

Flange bending apparatus. U. A. Bartee. 2,348,185; May 9.
Flange for control heads, Auxiliary. A. L. Leman and G. E. Nevill. 2,357,411; Sept. 5.
Flange forming apparatus. K. Herzog. 2,362,006; Nov. 7.
Flange forming die assembly. L. E. Pease. 2,348,998; May 16.
Flange hold-in device for wrapping machines. O. Sandbery. 2,356,537; Aug. 22.
Flange spreader. W. P. Liston. 2,350,404; June 6.
Flange spreader. J. Saul. 2,353,623; July 11.
Flange wrench. A. W. Thom and W. Fryer. 2,357,562; Sept. 5.
Flap, Upper surface. E. F. Zap. 2,352,062; June 20.
Flape and the like for garments, Making. J. P. Wiren. 2,355,023; Aug. 1.
Flare gun. J. R. Smith. 2,356,709; Aug. 22.
Flare pistol. J. M. Sherrer, G. R. Severance, and E. S. Huntington. 2,347,645; May 2.
Flaring tubes. G. T. Lyon. 2,357,748; Sept. 5.
Flash hider. E. G. Reising. 2,356,728; Aug. 22.
Flash lamp. D. E. Elmendorf. 2,342,575; Feb. 22.
Flash lamps. M. Pipkin. 2,361,495; Oct. 31.
Flash lamp. F. J. Rippl and E. B. Isaac. 2,351,290; June 13.
Flash lamp. J. A. M. van Liempt and P. Leijdens. 2,351,375; June 13.
Flash producing method and apparatus, Electric. B. Miller. Re. 22,572; Nov. 28.
Flasher and circuit control, Two-way. E. R. Kulka. 2,350,403; June 6.
Flasher switch. L. B. Harmon. 2,354,635; July 25.
Flashing incandescent lamp. W. F. MacGregor. 2,361,486; Oct. 31.
Flashing lamp. W. F. MacGregor. 2,361,485; Oct. 31.
Flashlight. J. R. Auñero. 2,360,821; Oct. 24.
Flashlight. E. K. Madan. 2,358,867; Sept. 26.
Flashlight. B. F. Muldoon. 2,341,057; Feb. 8.
Flashlight. P. X. Noel. 2,349,453; May 23.
Flashlight. M. M. Yardeny. 2,347,532; Apr. 25.
Flashlight adapter, Black-out. L. E. Hunt. 2,342,470; Feb. 22.
Flashlight attachment. M. N. Yardeny. 2,363,825; Nov. 28.
Flashlight attachment, Black-out. M. N. Yardeny. 2,347,531; Apr. 25.
Flashlight Focusing. W. B. Sachs. 2,339,356; Jan. 18.
Flashlight full-beam electric lamp. H. Swanson. 2,362,176; Nov. 7.
Flashlight handle. W. A. Jackell. 2,358,576; Sept. 19.
Flashlight holder. E. E. Dobbs. 2,354,853; Aug. 1.
Flashlight Nonglare. G. H. Seal. 2,341,822; Feb. 15.
Flashlight Portable electric. B. F. Muldoon. 2,358,820; Sept. 26.
Flashlight structure. G. Bailhe. 2,340,101; Jan. 25.
Flashlight switch. M. J. Zimmer. 2,361,359; Oct. 24.
Flashover prevention means for high-tension ignition apparatus. J. J. Rose. 2,365,219; Dec. 19.
Flash-producing apparatus. H. E. Grier. 2,341,541; Feb. 15.
Flask charging and molding machine. E. H. Whittaker. 2,353,207; July 11.
Flask clamp. W. C. Kunkel. 2,359,996; Oct. 10.
Flask, Injector. W. J. Pryor and E. J. Franwick. 2,359,152; Sept. 26.
Flask, Molding. W. J. Olson. 2,348,840; May 16.
Flat disc valve. K. L. Finley, D. D. Smith and W. M. Spreng. 2,349,155; May 16.
Flat knitting frame. W. Welker. 2,363,032; Nov. 21.
Flatiron. A. T. Smith. 2,362,590; Nov. 14.
Flatiron. R. Spencer. 2,339,744; Jan. 18.
Flatiron and the like, Electric. C. W. Elsenheimer. 2,353,151; July 11.
Flatiron holder. W. H. Gey. 2,341,090; Feb. 9.
Flat mops, Manufacture of. P. M. Rogers. 2,351,546; June 13.
Flatting agent and making the same, Coated. L. Auer. 2,363,480; Nov. 28.
Flatwork laundering machine, Continuous. J. Waldstein. 2,366,156; Dec. 26.
Flavanone glucoaides, Obtaining purified. C. L. Lautenschläger, F. Lindner, A. Mager, and E. Bartholomäus. 2,359,126; Sept. 26.
Flaw detecting apparatus. W. C. Barnes and H. W. Keevil. 2,356,967; Aug. 29.
Flax and similar fibers, Spinning. A. Job. 2,346,585; Apr. 11.
Flax cleaning machine. M. J. Weiss. 2,345,226; Mar. 28.
Flexible abrasive article. H. C. Martin and J. B. Aust. 2,349,365; May 23.
Flexible abrasive product. E. Van der Pyl. 2,339,208; Jan. 11.
Flexible bags, Making. A. Rambold. 2,349,111; May 16.
Flexible cable support. S. Guarnaschelli. 2,352,318; June 27.
Flexible coil support. E. I. Butler. 2,361,743; Oct. 31.
Flexible conduit apparatus. A. S. Marchus. 2,339,746; Jan. 18.
Flexible coupling. H. M. Austin. 2,343,839; Mar. 7.
Flexible coupling. W. J. Moser. 2,360,149; Oct. 10.
Flexible hose coupling. W. A. Meisom. 2,358,019; Sept. 12.
Flexible joint. L. Lendinara. 2,362,383; Nov. 7.
Flexible or pliable container. R. Silveyra. 2,338,604; Jan. 4.
Flexible pipe clamp. H. F. Rempt. 2,340,560; Feb. 1.
Flexible pipe coupling. G. G. Grigsby. 2,342,192; Feb. 22.
Flexible pocket receptacle. D. J. Broughton. 2,354,793; Aug. 1.
Flexible rotary drive coupling. J. M. Halt. 2,346,426; Apr. 11.
Flexible shaft winding machine. C. F. Hotchkiss, Jr., and G. G. Eisenbeis. 2,342,342; Feb. 22.
Flexible shaft winding tool. C. F. Hotchkiss, Jr. 2,344,917; Mar. 21.
Flexible thermometer support. T. E. Saffady. 2,357,692; Sept. 5.
Flexible tube coupling. S. Guarnaschelli. 2,363,586; Nov. 28.
Flexing machine, Cake. D. C. Thompson. 2,343,943; Mar. 14.
Flexure member. C. R. Mason. 2,341,053; Feb. 8.
Flight conveyer. H. W. Hapman. 2,357,796; Sept. 12.
Flight instrument. B. G. Carlson. 2,357,331; Sept. 5.
Flip-out device for fuses. C. W. Brown. 2,358,684; Sept. 19.
Float. E. F. Kupp. 2,355,396; Aug. 8.
Float and landing gear for sea planes, Retractile. H. Jeffries. 2,361,293; Oct. 24.
Float gauge. P. Savko, Jr. 2,340,616; Feb. 1.
Float structure. F. D. Posada. 2,342,487; Feb. 22.
Float switch. B. E. Shaw. 2,354,282; July 25.
Float valve. E. H. East. 2,356,982; Aug. 29.
Float valve for filling machine reservoirs. R. J. Stewart and H. H. Frans. 2,353,277; July 11.
Floating roof storage apparatus for volatile liquids. W. G. Laird. 2,344,436; Mar. 14.
Floating swivel ring for nonskid chains. O. Bornemann. 2,349,935; May 30.
Flock-coated die. R. E. Leary. 2,345,939; Apr. 4.
Flock material, Making. J. J. Ormond. 2,360,515; Oct. 17.
Flocked sheet material, Producing. J. Ferrante. 2,349,153; May 16.
Flocking apparatus. G. S. Hiers. 2,351,266; June 13.
Flocking apparatus. C. Wolfson and B. Treistman. 2,340,850; Feb. 8.
Flocking, Simultaneous. G. S. Hiers. 2,358,227; Sept. 12.
Flood control means. H. J. de Costa and J. Obermaier. 2,347,544; Apr. 25.
Flood light full-beam electric lamp. H. Swanson. 2,362,171; Nov. 7.
Floodlight with one removable full-beam electric lamp, Vehicle. H. Swanson. 2,362,173; Nov. 7.
Floor clip. E. G. Doke. 2,354,802; Aug. 1.
Floor clip. J. A. MacLean, Jr., N. F. McNaught, and E. G. Doke. 2,355,986; Aug. 15.
Floor clip. K. A. Olson. 2,345,419; Mar. 28.
Floor construction. T. E. King. 2,360,775; Oct. 17.
Floor covering and method, Removable. J. J. Bradley, Jr. 2,341,078; Feb. 8.
Floor covering, Making flocked. V. H. Bodle and G. W. Blair. 2,345,376; Mar. 28.
Floor coverings, Treating. J. L. Gondsmit. 2,365,814; Dec. 26.
Floor finishing machine. L. G. Mathews. 2,351,278; June 13.
Floor, Heat-insulated. C. G. Munters. 2,358,023; Sept. 12.
Floor jack. A. R. Benner. 2,338,278; Jan. 4.
Floor press. W. E. McDonald. 2,347,604; Apr. 25.
Floor scrubbing machine. H. V. Smith. 2,348,268; May 9.
Floor securing clip. E. G. Doke. 2,349,490; May 23.
Floor securing clip. J. A. MacLean, Jr. 2,360,004; Oct. 10.
Floor structure. H. H. Bunker. 2,360,933; Oct. 24.
Floor structure, Wooden. J. V. Lindsley. 2,353,573; July 11.
Floor tile compositions, Mastic. R. F. Schlaanstine. 2,362,934; Nov. 14.
Flooring. M. H. Carpenter. 2,348,724; May 16.
Flooring. W. W. Donelson and J. W. Downey. 2,351,022; June 13.
Flooring, Metallic. E. Peremi and L. Toth. 2,353,068; July 4.
Flooring, Wood. W. G. Webb. 2,355,834; Aug. 15.
Floors and the like, Surfacing. H. H. Talboys. 2,362,417; Nov. 7.
Floors, Plastic. J. J. Widmayer. 2,356,138; Aug. 22.
Flotation. J. E. Kirby. 2,341,046; Feb. 8.
Flotation and antidrag system, Pneumatic. W. R. Glen. 2,364,845; Dec. 12.
Flotation apparatus. H. E. Heigis and T. N. Hannant. 2,352,161; July 11.
Flotation machine. T. S. Bailey, Jr., A. C. Daman, and L. H. Logue. 2,343,274; Mar. 7.
Flotation system, Countercurrent froth flow. J. W. Thompson and L. E. Booth. 2,350,943; June 6.
Flour and producing same, Smoke-laden. H. E. Allen. 2,338,156; Jan. 4.
Flour, Improving the baking quality of. E. Waldschmidt and A. Bayer. 2,356,635; Aug. 22.
Flour, Iron fortification of. R. A. Barackman. 2,357,069; Aug. 29.
Flour mill. L. E. Egedal. 2,343,757; Mar. 7.

Flour, Preparation of fine cellulose. E. H. Bals, A. W. Kassay, and W. D. Williams. 2,362,528; Nov. 14.
Flour, Producing. V. Rakowsky and J. R. Reid. 2,358,627; Sept. 26.
Flour, Producing fine wood. A. W. Kassay, E. H. Bals, and W. D. Williams. 2,364,721; Dec. 12.
Flour, Treating wheaten. G. E. Findley. 2,343,652; Mar. 7.
Flow control. K. T. Hartwig. 2,361,096; Oct. 24.
Flow control apparatus. D. H. Annin. 2,344,583; Mar. 21.
Flow control means. T. P. Newman and H. W. Ashby. 2,348,490; May 9.
Flow control T. L. N. Boosey. 2,345,787; Apr. 4.
Flow controller. I. O. Miner. 2,357,341; Sept. 5.
Flow device. R. E. Millican. 2,346,777; Apr. 18.
Flow equalizer. J. A. Lauck. 2,343,912; Mar. 14.
Flow heater. R. E. Welch. 2,361,252; Oct. 24.
Flow indicator. E. W. Davis. 2,359,467; Oct. 3.
Flow indicator. J. Kiburz and J. Y. Kiburz. 2,347,830; May 2.
Flow meter. L. Coes, Jr. 2,361,269; Oct. 24.
Flow meter. J. L. Turner. 2,364,930; Dec. 12.
Flow regulating valve. W. P. Yant and J. P. Strange. 2,365,371; Dec. 19.
Flow regulation apparatus for brine injection wells. R. W. Erwin. 2,357,189; Aug. 29.
Flow responsive alarm valve. E. Tyden. 2,351,082; June 13.
Flow responsive device. H. E. Somes and G. R. True. 2,359,168; Sept. 26.
Flower holder. H. A. Post. 2,346,870; Apr. 18.
Flowing fluids, Indicating the viscosity of. K. K. Fischer. 2,348,732; May 16.
Flowing fluids, Indicating the specific gravity of. K. Fischer. 2,348,733; May 16.
Flowmeter. R. E. Donaldson. 2,351,745; June 20.
Flowmeter. K. Fischer. 2,350,343; June 6.
Flowmeter. R. L. Ledbetter. 2,348,076; May 2.
Flowmeter for hydrofluoric acid. M. P. Matuszak. 2,340,008; Jan. 25.
Flow proportioning apparatus. H. Ziebols. 2,345,520–6; Mar. 28.
Flow regulating device. L. A. Safford. 2,342,303; Feb. 22.
Flue bag filter. B. H. Foster. 2,338,504; Jan. 4.
Flue control device. J. Vladu. 2,340,283; Jan. 25.
Flue, Materials-conveying. C. M. Asbill, Jr. 2,344,528; Mar. 21.
Flue top. P. Chancellor. 2,340,410; Feb. 1.
Fluid actuated brake. V. E. Stevens. 2,352,920; July 4.
Fluid actuated switch. L. C. Pierson. 2,356,177; Aug. 22.
Fluid blast circuit breaker. W. E. Paul. Re. 22,430; Feb. 1.
Fluid blast circuit breaker. W. M. Scott, Jr. 2,359,800; Oct. 10.
Fluid blast circuit breaker. H. M. Wilcox. 2,340,095; Jan. 25.
Fluid bleeder, Helical vent. H. McCurdy. 2,338,347; Jan. 4.
Fluid brake. S. Pribula. 2,358,825; Sept. 26.
Fluid catalyst process. C. L. Thomas and J. D. Danforth. 2,358,039; Sept. 12.
Fluid catalysts, Cooling. F. T. Barr. Re. 22,415; Jan. 4.
Fluid circulating apparatus for knitting machines and the like. C. S. Aschenbrenner. 2,354,188; July 25.
Fluid circulating device. W. H. Kuster and E. A. Glynn. 2,352,792; July 4.
Fluid circulating system. W. H. Kuster and E. A. Glynn. 2,357,960; Sept. 12.
Fluid conditioning apparatus. C. T. McGill. 2,355,815; Aug. 15.
Fluid conduit closure. R. O. Powers. 2,365,001; Dec. 12.
Fluid container. E. R. Koppel. 2,361,635; Oct. 31.
Fluid container. J. W. Patterson. 2,361,705; Oct. 31.
Fluid contents of solids, Determining. W. L. Horner. 2,361,844; Oct. 31.
Fluid control apparatus. P. H. Stanley. 2,362,731; Nov. 14.
Fluid control for speed varying transmissions. W. R. Perry. 2,346,868; Apr. 18.
Fluid control, Method and apparatus for. T. C. Poulter. 2,342,890; Feb. 29.
Flow control valve. J. L. Harris. 2,362,631; Nov. 14.
Fluid control valve. O. W. Macy. 2,340,399; Feb. 1.
Fluid control valve. W. A. Ray. 2,339,352–3; Jan. 18.
Fluid control valve. W. A. Ray. 2,353,759; July 18.
Fluid controlled valve. J. B. Van Der Werff. 2,345,306; Mar. 28.
Fluid-cooled electrode holder. H. A. Jackson. 2,350,614; June 6.
Fluid coupling. E. L. Bailey. 2,347,071; Apr. 18.
Fluid coupling. H. R. Greenlee. 2,360,124; Oct. 10.
Fluid coupling. C. L. Martin. 2,343,786; Mar. 7.
Fluid coupling. R. J. Miller. 2,357,485; Sept. 5.
Fluid coupling. R. J. Miller. 2,359,930; Oct. 10.
Fluid coupling. C. A. Nerncher. 2,358,480; Sept. 19.
Fluid coupling. H. F. Patterson. 2,347,121; Apr. 18.
Fluid coupling. H. F. Patterson. 2,358,473; Sept. 19.
Fluid coupling. G. R. Pennington. 2,351,286; June 13.
Fluid coupling. R. L. Smirl. 2,340,494; Feb. 1.
Fluid coupling. H. C. Swift. 2,356,125; Aug. 22.
Fluid couplings, Assembling. R. C. Zeidler. 2,360,383; Oct. 17.
Fluid dispensing apparatus. B. T. Perkins. 2,365,901; Dec. 26.
Fluid dispensing device. G. A. Ungar. 2,340,630; Feb. 1.
Fluid dispensing system. H. C. Grant, Jr. 2,352,627; July 4.
Fluid distribution and control apparatus. D. G. Griswold. 2,352,629; July 4.
Fluid distribution system. D. G. Griswold. 2,360,321; Oct. 17.
Fluid dosing device. W. M. Venable. 2,341,249; Feb. 8.
Fluid dosing device. W. M. Venable. 2,346,801; Apr. 18.
Fluid drive. J. Jandisek. 2,339,015; Jan. 11.
Fluid drive. J. Jandasek. 2,344,248; Mar. 14.
Fluid drive. L. P. Jossim and J. S. Kellett. 2,350,683; June 6.
Fluid drive. N. I. Perry. 2,350,416; June 6.
Fluid drive mechanism. H. J. Murray. 2,358,821; Sept. 26.
Fluid drive transmission. A. D. Pents. 2,350,810; June 6.
Fluid drive transmission, Variable speed. J. S. Byrne. 2,355,780; Aug. 15.
Fluid driving mechanism. J. K. Simpson. 2,345,433; Mar. 28.
Fluid exhauster. E. F. Hartzell. 2,358,006; Sept. 12.
Fluid expansible device. C. W. Mott. 2,341,803; Feb. 15.
Fluid filter. J. F. Auberschek. 2,353,433; July 11.
Fluid flow control device. A. U. Bryant. 2,353,143; July 11.
Fluid flow control device. M. H. Grove. 2,360,873; Oct. 24.
Fluid flow control mechanism. D. E. Sperry and A. E. Landess. 2,344,747; Mar. 21.
Fluid flow controller. A. U. Bryant. 2,365,172; Dec. 19.
Fluid flow indicating and measuring means. M. Alperin. 2,352,607; July 4.
Fluid flow indicator. R. F. Walker. 2,347,305–6; Apr. 25.
Fluid flow, Measuring. L. L. McWilliams. 2,347,746; May 2.
Fluid fuel burner. E. J. Doll. 2,358,386; Sept. 19.
Fluid heater. H. D. Sterick. 2,342,500; Feb. 22.
Fluid heater cleaner. R. J. Glinn and P. G. Handoll. 2,351,117; June 13.
Fluid heater cleaner. C. L. Howse and W. J. Fitzburgh. 2,345,672; Apr. 4.
Fluid in accurately measured quantities, Distributing. L. I. Yeomans. 2,364,264; Dec. 5.
Fluid level gauge. W. Barsties. 2,350,712; June 6.
Fluid level indicator. T. P. McCloskey, Jr. 2,359,658; Oct. 3.
Fluid level indicator for pressure boilers. E. Gatewood. 2,339,922; Jan. 25.
Fluid meter. R. Bennett. 2,352,157; June 27.
Fluid meter. W. H. De Lancey. 2,362,541; Nov. 14.
Fluid meter. P. Lanham. 2,344,512; Mar. 21.
Fluid meter. A. R. Whittaker. 2,338,152; Jan. 4.
Fluid meter. A. R. Whittaker. 2,338,600; Jan. 4.
Fluid mixtures, Treating. B. I. Smith and E. B. Morin. 2,348,659; May 9.
Fluid motor. C. C. Cole. 2,348,243; May 9.
Fluid motor. E. C. Horton and A. Rappl. 2,364,715; Dec. 12.
Fluid motor bypass valve. C. W. Bryant. 2,362,349; Nov. 7.
Fluid nozzle. V. J. Skoglund. 2,354,151; July 18.
Fluid operated means for controlling apparatus at a distance. E. Dodson. 2,344,768; Mar. 21.
Fluid operated means for controlling apparatus at a distance. E. Dodson. 2,346,418; Apr. 11.
Fluid operated means for controlling apparatus at a distance. E. Dodson. 2,364,352; Dec. 5.
Fluid operated mechanism. E. H. Shaff. 2,364,004; Nov. 28.
Fluid pressure actuated mechanism and control for the same. R. H. Thompson. 2,344,276; Mar. 14.
Fluid pressure actuated motor. F. G. and W. M. Folberth. 2,343,656; Mar. 7.
Fluid pressure brake. G. T. McClure. 2,352,277; June 27.
Fluid pressure clutch. W. P. Schmitter. 2,354,174; July 18.
Fluid pressure compounding system. S. Schnell. 2,361,878; Oct. 31.
Fluid pressure control device. L. A. Majneri. 2,366,119; Dec. 26.
Fluid pressure controlled clutch. O. R. Peterson and F. H. Stevens. 2,351,876; June 20.
Fluid pressure device. W. J. Andres and R. S. Sanford. 2,341,587; Feb. 15.
Fluid pressure device. C. M. Kendrick and H. Steen. 2,357,333–4; Sept. 5.
Fluid pressure gauge. E. E. Simmons, Jr. 2,365,015; Dec. 12.
Fluid pressure machine. J. J. Järnåker. 2,364,368; Dec. 5.
Fluid pressure motor. W. H. Glass. 2,343,661; Mar. 7.
Fluid pressure motor. W. E. O'Shel. 2,346,502; Apr. 11.
Fluid pressure motor system. W. E. O'Shel. 2,345,213; Mar. 28.

Fluid pressure operated device. C. A. Fink. 2,361,757; Oct. 31.
Fluid pressure operated pump. W. N. Eddins. 2,339,920; Jan. 25.
Fluid pressure producing device. E. F. Lowese. 2,354,957; Aug. 1.
Fluid pressure regulating device for fluid supply systems. E. C. S. Clench, and Q. H. Carlton. 2,339,378; Jan. 18.
Fluid pressure regulator. A. Boynton. 2,341,525; Feb. 15.
Fluid pressure regulator. R. C. Hughes. 2,351,047; June 13.
Fluid pressure regulator. A. F. Jenkins. 2,348,388; May 9.
Fluid pressure regulator. A. D. Krugler. 2,359,523; Oct. 3.
Fluid pressure regulator. A. J. Turpin and A. F. Schumann. 2,360,178; Oct. 10.
Fluid pressure remote control system. Q. H. Carlton. 2,352,479; June 27.
Fluid pressure servo motor. W. F. Martin-Hurst. 2,340,817; Feb. 1.
Fluid pressure system. S. Schnell. 2,343,809; Mar. 7.
Fluid pump. G. T. Downey. 2,346,014; Apr. 4.
Fluid pump. R. E. Hartline. 2,353,031; July 4.
Fluid pump. J. J. Pelouch. 2,354,220; July 25.
Fluid pumping or feeding device. F. E. and L. F. Wilson. 2,345,693; Apr. 4.
Fluid reactants, Contacting. L. C. Huff. 2,347,195; Apr. 25.
Fluid regulating device. T. A. Baker. 2,356,143; Aug. 22.
Fluid regulator. L. C. Morris. 2,358,819; Sept. 26.
Fluid release valve and actuating mechanism. H. N. Rider and F. G. Dieter. 2,349,464; May 23.
Fluid routing. L. Hanson. 2,351,425; June 13.
Fluid sampling device. J. O. Bower and J. P. Tarbox. 2,355,620; Aug. 15.
Fluid-sampling device. C. W. Cochran and F. R. Lake. 2,350,323; June 6.
Fluid seal. R. D. Snyder. 2,360,372; Oct. 17.
Fluid seal and cooling same. E. F. Jackman. 2,352,636; July 4.
Fluid separator apparatus. E. W. Reinsch. 2,359,386; Oct. 3.
Fluid supply control. P. J. Dugan. 2,339,005; Jan. 11.
Fluid system. J. Fletcher. 2,346,672; Apr. 18.
Fluid system control. A. H. Davis, Jr. 2,344,133; Mar. 14.
Fluid-tight closure means. H. W. Dodson. 2,339,255; Jan. 18.
Fluid transfer apparatus. W. T. Tabb. 2,351,304; June 13.
Fluid transfer mechanism. M. Caserta. 2,353,545; July 11.
Fluid translating apparatus. J. Scattoloni. 2,338,544; Jan. 4.
Fluid translating apparatus. O. Scott. 2,350,537; June 6.
Fluid transmission. B. M. W. Fillmore. 2,363,952; Nov. 28.
Fluid transmission device. H. B. Leary, Jr. 2,352,109; June 20.
Fluid treating apparatus. P. H. Karlsson and J. H. Sengstaken. 2,361,692; Oct. 31.
Fluid-treating apparatus. W. M. Pratt. 2,365,492; Dec. 19.
Fluid treatment of filamentary material and apparatus therefor. A. Lodge. 2,360,352; Oct. 17.
Fluid valve. G. J. Koehler. 2,348,548; May 9.
Fluid valve. G. J. Koehler. 2,350,905; June 6.
Fluids, Clarification and cooling of. J. K. Jackson. 3,353,035; July 4.
Fluids, Dehydration of. W. A. Schulze. 2,356,890; Aug. 29.
Fluids, Distributor for. H. Klein, O. Hemmann, R. Keinke, O. Hofmann, and W. Boehmer. 2,343,560; Mar. 7.
Fluids of different temperatures and densities, Mixing. A. V. and A. W. Sims. 2,353,195; July 11.
Fluids, Heating of. M. W. Barnes. 2,348,512; May 9.
Fluids, Means for dividing. J. N. Selvig. 2,346,795; Apr. 18.
Fluids, Process and apparatus for treating. R. W. Krebs. 2,363,874; Nov. 28.
Fluids, Processing of flowing. R. L. Rude. 2,347,371; Apr. 25.
Fluids, Treating hydrocarbon. B. I. Smith. 2,363,903; Nov. 28.
Fluorescent lamp. K. Van Gessel. 2,346,522; Apr. 11.
Fluorescent lamp starter. C. H. Hodgkins. 2,352,713; July 4.
Fluorescent lamp starting and controlling apparatus. L. W. Cook. 2,352,940; July 4.
Fluorescent lighting fixture. A. B. Bechaud. 2,359,349; Oct. 3.
Fluorescent lighting fixture. L. Schepmoes. 2,348,930; May 16.
Fluorescent lighting fixture. L. Schepmoes. 2,352,804; July 4.
Fluorescent tube circuit. A. Slepian. 2,340,348; Feb. 1.
Fluorescent tube coating. E. Lemmers. 2,339,178; Jan. 11.
Fluorescent tube, Fixture for. B. Levy. 2,346,315; Apr. 11.
Fluorescent tube system apparatus. C. P. Boucher and A. E. Noble. 2,355,360; Aug. 8.
Fluorine compounds. A. F. Benning and J. D. Park. 2,348,321; May 9.
Fluorine from hydrocarbon distillates, Removing. F. C. Moriarty. 2,341,567; Feb. 15.
Fluorine from superphosphate, Removing. C. A. Butt. 2,360,197; Oct. 10.
Fluorography, Method and apparatus for. W. B. Ferguson. 2,356,454; Aug. 22.
Fluoro-halogeno compounds. A. F. Benning. 2,343,252; Mar. 7.
Fluoroscope. W. W. Robinson. 2,343,846; Mar. 7.
Fluosilicates to latex, Addition of. R. H. Ewart. 2,343,541; Mar. 7.
Flush contacts, Producing. H. Kershaw. 2,354,028; July 18.
Flush fabric attachment. C. F. Marschner and C. D. Johnson. 2,349,103; May 16.
Flush tank. C. F. Stalcup. 2,349,015; May 16.
Flush type door handle. H. F. George. 2,348,065; May 2.
Flushing mechanism, Toilet. V. M. Gonzales and J. A. Morales. 2,345,807; Apr. 4.
Flux, Brazing. H. L. Anthony and J. C. Turnbull. 2,344,195; Mar. 14.
Flux composition. M. Merlub-Sobel and J. M. Bialosky. 2,357,014; Aug. 29.
Flux dispensing process and apparatus. M. L. Olson. 2,347,498; Apr. 25.
Flux valve magnetic compass. O. E. Esval and C. A. Frische. 2,357,319; Sept. 5.
Fluxing material for metallurgical furnaces and operating said furnaces. H. A. Reece. 2,361,416; Oct. 31.
Fly trap. O. M. Olson. 2,350,519; June 6.
Flywheel. R. M. Critchfield. 2,341,695; Feb. 15.
Flyer. A. E. Winslow. 2,365,660; Dec. 19.
Flying boat hull. K. Arnstein and B. J. Schnitzer. 2,349,584; May 23.
Foam delivering apparatus. H. H. Fox. 2,339,327; Jan. 18.
Foam prevention. D. C. Bond and C. W. Botsford. 2,349,585; May 23.
Foamy oil, Separator for treating. G. O. Kimmell. 2,353,333; July 18.
Focal plane shutter control. C. C. Fuerst. 2,350,026; May 30.
Focusing device for cameras, Automatic. L. H. Huitt. 2,339,780; Jan. 25.
Focusing finder system for cameras. O. Wittel. 2,341,495; Feb. 8.
Focusing lens mount. O. Wittel. 2,362,603; Nov. 14.
Focusing objective mount. C. H. Harris. 2,357,326; Sept. 5.
Focusing objective mount. C. H. Harris and J. N. Graef. 2,357,327; Sept. 5.
Fodder treating means. F. S. Chilton. 2,347,664; May 2.
Fodder treating method. F. S. Chilton. 2,348,183; May 2.
Fog from warm bodies of water, Eliminating. A. B. Haswell. 2,349,787; May 23.
Fog production, Artificial. A. G. Anderson and T. S. Derr. 2,352,677; July 4.
Foldable box. M. Lester. 2,342,873; Feb. 29.
Foldable music stand. M. Rapfogel. 2,356,532; Aug. 22.
Foldable plastic picture frame. H. Weil, Jr. 2,345,719; Apr. 4.
Folder for bills, cards, coins, keys or the like. H. M. Herbener. 2,352,383; June 27.
Folder for bills, coins, or the like. H. M. Herbener. 2,346,433; Apr. 11.
Folder or the like, Bill. H. M. Herbener. 2,346,434; Apr. 11.
Folder, Postal greeting. W. H. Sass. 2,354,066; July 18.
Folding and delivery mechanism. C. S. Crafts. 2,353,445; July 11.
Folding and gluing apparatus. C. Desch and W. Yomanas. 2,351,670; June 20.
Folding and interleaving machine. H. A. Brawn. 2,344,022; Mar. 14.
Folding and stacking machine and control therefor. J. E. Preston. 2,355,105; Aug. 8.
Folding beach chair. R. H. Ralston. 2,344,729; Mar. 21.
Folding bed. F. F. Wahl. 2,357,242; Aug. 29.
Folding box. R. J. Gruenberg and E. L. Stern. 2,345,810; Apr. 4.
Folding box. M. Kretchmer. 2,354,600; July 25.
Folding box. D. Levkoff. 2,342,551; Feb. 22.
Folding chair. C. F. Benjamin. 2,355,617; Aug. 15.
Folding chair. L. H. Burlin. 2,350,013; May 30.
Folding chair. W. E. Clarin. 2,360,400; Oct. 17.
Folding chair. A. T. Deutsch. 2,345,330; Mar. 28.
Folding chair. J. Faller. 2,352,090; June 20.
Folding chair. C. Hoover, Jr. 2,350,895; June 6.
Folding chair. F. J. Horton. 2,360,231; Oct. 10.
Folding device. O. Flore. 2,354,251; July 25.
Folding food serving box. S. O. Davidson, Jr. 2,355,206; Aug. 8.
Folding gocart. W. H. Reinhols. 2,341,117; Feb. 8.
Folding machine. H. E. Dow and I. B. Andrews. 2,347,674; May 2.

Folding machine. J. Stuart, II, K. W. Jappe, and R. B. Smith. 2,346,336; Apr. 11.
Folding stool. M. Black. 2,359,821; Oct. 10.
Folding suitcase. S. L. Kleber. 2,341,104; Feb. 8.
Folding table. L. H. Burlin. 2,365,451; Dec. 19.
Folding table. W. P. DeSaussure. 2,343,537; Mar. 7.
Folding wheel chair. S. Ducavich. 2,354,949; Aug. 1.
Follow-up and compensating system. N. L. Haight. 2,346,638; Apr. 18.
Follow-up system. L. C. Weathers. 2,343,945; Mar. 14.
Follower for file drawers. H. W. Bradner. 2,342,326; Feb. 22.
Follower for file drawers. F. C. Drebes. 2,361,829; Oct. 31.
Follower for file drawers. F. C. Drebes. 2,364,278; Dec. 5.
Food and product, Preserving. D. Bensel. 2,364,049; Dec. 5.
Food, Cereal. E. H. McKay. 2,339,418; Jan. 18.
Food composition. S. Musher. 2,355,030; Aug. 1.
Food composition. S. Musher. 2,355,547; Aug. 8.
Food compositions, Stabilization of sugar-containing. S. Musher. 2,355,031; Aug. 1.
Food conveyer. R. W. Perry. 2,338,734; Jan. 11.
Food cooking device. R. Sardeson. 2,365,909; Dec. 26.
Food dehydration. D. M. McBean. 2,365,890; Dec. 26.
Food forming and baking machine. M. F. Todd. 2,346,628; Apr. 11.
Food handling apparatus. G. R. Wood. 2,341,256; Feb. 8.
Food handling apparatus. G. R. Wood. 2,355,355; Aug. 8.
Food mixer. A. Strauss. 2,352,232; June 27.
Food or like pump. D. W. Bingham. 2,343,523; Mar. 7.
Food preparation. R. P. Scherer. 2,358,598; Sept. 19.
Food preservative. A. and R. J. Kiers. 2,339,704; Jan. 18.
Food preserving and storage apparatus. N. A. Hallwood. 2,342,468; Feb. 22.
Food processing apparatus. A. R. Thompson. 2,363,818; Nov. 28.
Food product. R. J. Block and D. Bolling. 2,344,229; Mar. 14.
Food product. S. B. Harris. 2,353,333; July 11.
Food product and making the same. E. R. Mollner, J. A. Weber and J. T. Brennan. 2,358,086; Sept. 12.
Food product preservation. E. C. Haines. 2,354,014; July 18.
Food products, Method and apparatus for producing solid fatty. J. Schaub. 2,339,883; Jan. 25.
Food products, Preparation of dehydrated pre-cooked. C. A. Krause, Jr. Re. 22,522; July 25.
Food products, Preserving fresh. R. S. Willard. 2,365,924; Dec. 26.
Food storage receptacle. L. S. Cooper. 2,348,524; May 9.
Food treating and juice extracting apparatus. E. Goetz. 2,351,330; June 13.
Foods, Preparing. B. Ross. 2,355,394; Aug. 8.
Foodstuff, Freezing. J. O. Tankersley. 2,342,706; Feb. 29.
Foodstuffs, Preserving. A. Bargeboer. 2,356,498; Aug. 22.
Foot accelerator speed control. E. W. Macavoy. 2,349,742; May 23.
Football. J. W. Shearer. 2,364,247; Dec. 5.
Foot correction. J. J. Kohn. 2,345,820; Apr. 4.
Foot covering. L. S. Herbert. 2,344,773; Mar. 21.
Foot foundation, Flexible. M. K. Anderson. 2,352,170; June 27.
Foot-guard. H. N. Wasser. 2,344,069; Mar. 14.
Footplate for skis, snowshoes, and the like. J. H. Rinkinen. 2,350,130; May 30.
Footpower snip. C. J. Dalley. 2,351,406; June 13.
Foot protector. W. E. Crofut, Jr. 2,339,057; Jan. 11.
Footrest. O. S. Burkholder. 2,341,080; Feb. 8.
Footrest, Adjustable. A. F. Lo Curto. 2,343,681; Mar. 7.
Footrest and chair, Combination. G. R. Smith. 2,353,418; July 11.
Footrest and exerciser, Invalid's. J. M. Johanson. 2,340,666; Feb. 1.
Foot structure, Adjustable. W. J. Seyfferle. 2,365,730; Dec. 26.
Foot support. D. R. Telson. 2,341,963; Feb. 15.
Footwear. H. H. Clein and R. T. Kauffman. 2,346,415; Apr. 11.
Footwear. R. M. Evans. 2,345,187; Mar. 28.
Footwear. J. J. Jakosky. 2,353,829; July 18.
Footwear. W. Hess. 2,352,098; June 20.
Footwear. S. Pepitone. 2,344,057; Mar. 14.
Footwear. M. D. Pickens. 2,343,701; Mar. 7.
Footwear. C. O. Walper. 2,349,216; May 16.
Footwear. W. Wehr. 2,350,852; June 6.
Footwear and parts therefor, Manufacture of. E. L. Crandell. 2,360,763; Oct. 17.
Footwear, Article of. H. L. Sutcliffe. 2,364,763; Dec. 12.
Footwear, Manufacture of. G. S. Colella. 2,344,458; Mar. 14.
Footwear, Manufacture of. F. Dawson. 2,352,520; June 27.
Footwear, Protective. A. J. McGillicuddy. 2,347,191; Apr. 25.
Footwear, Rubber outsole. R. H. Blanchard. 2,347,872; May 2.
Footwear safety device. S. S. Roberts. 2,339,193; Jan. 11.
Footing. R. G. Le Tourneau. 2,352,904; July 4.
Forage acre factor calculator. G. H. Gable. 2,358,856; Sept. 26.
Forage cutter. D. H. Grant. 2,338,932; Jan. 11.
Forage drying method. F. S. Chilton. 2,350,096; May 30.
Foraminous baffle for pot-type burners. J. L. Breese. 2,351,480; June 13.
Foraminous pilot baffle for pot-type burners. J. L. Breese. 2,351,481; June 13.
Force indicator. R. M. Stanley. 2,359,686; Oct. 3.
Force measurement. A. Hansen, Jr. 2,342,141; Feb. 22.
Forced air furnace. F. R. Higley and E. H. Ryden. 2,361,545; Oct. 31.
Forceps, Tonsil seizing. U. S. Smith. 2,340,995; Feb. 8.
Forest fire extinguisher. L. W. Moore. 2,349,980; May 30.
Forging apparatus. G. P. Benes. 2,365,857; Dec. 26.
Forging compound. W. D. Hodson. 2,345,198; Mar. 28.
Forging machine. W. W. Criley. 2,343,403; Mar. 7.
Forging retarder for drawbenches. Le R. Layton. 2,339,175; Jan. 11.
Fork, Injector. B. E. Solinski and A. J. Hudec. 2,363,702; Nov. 28.
Fork with removable guard, Carving. B. M. Miller. 2,354,766; Aug. 1.
Form. C. D. and O. S. F. Smith. 2,348,935; May 16.
Form dispensing apparatus. W. B. Payne. 2,362,088; Nov. 7.
Form for poured concrete, Demountable. R. L. Geer. 2,352,783; July 4.
Form for windings and the like. W. F. Stahl. 2,355,477; Aug. 8.
Form tie assembly for concrete construction. H. J. Krueper. 2,365,563; Dec. 19.
Formations encountered in well drilling, Determining the nature of. D. Silverman and R. W. Stuart. 2,341,745; Feb. 15.
Formations in oil wells, Determining the porosity and location of permeable. C. F. Teichmann. 2,358,945; Sept. 26.
Formations, Plugging. W. B. Lerch, C. H. Mathis, and E. J. Gatchell. 2,345,611; Apr. 4.
Forming die. A. Illsche. 2,340,472; Feb. 1.
Forming die. B. Schlensig. 2,339,032; Jan. 11.
Forming method and apparatus. H. C. Smith, Jr. 2,344,743; Mar. 21.
Forming polygonal tubular bodies. W. F. Stahl. 2,343,096; Feb. 29.
Forming pressed articles from powders. J. S. Pecker and H. A. Simpson. 2,350,971; June 6.
Forming sift proof bag closures. R. T. Moore. 2,364,543; Dec. 5.
Forming tool. O. C. Martin. 2,350,057; May 30.
Forms for windings and the like. W. F. Stahl. 2,343,389; Mar. 7.
Formaldehyde reaction product and its preparation. J. F. Walker. 2,355,600; Aug. 8.
Formaldehyde resin modified with a polyiso- or polyisothiocyanate. B. C. Pratt. 2,349,756; May 23.
Formals, Preparation of unsymmetrical. D. J. Loder. 2,359,134; Sept. 26.
Formic acid esters. E. P. Bartlett. 2,341,420; Feb. 8.
Formula for a composition of ceramic matter. R. Casciani. 2,356,214; Aug. 22.
Foundation construction, Garment shoulder. D. E. Eahm. 2,365,280; Dec. 19.
Foundation garment. M. Kahn. 2,347,154; Apr. 18.
Foundation garment. C. S. McMichael. 2,338,193; Jan. 4.
Foundation garment, Maternity. S. L. Welsch. 2,351,566; June 13.
Foundation garment of the corset type. M. Surence. 2,340,627; Feb. 1.
Foundation wall mold. C. E. Wire. 2,353,981; July 18.
Foundry plant. E. H. Whittaker. 2,338,153; Jan. 4.
Fountain assembly. J. D. Tyler. 2,344,659; Mar. 21.
Fountain brush. E. Marder and H. Moses. 2,357,964; Sept. 12.
Fountain, Ink. H. M. Barber. 2,351,315; June 13.
Fountain pen, Safety. D. E. Steven. 2,362,321; Nov. 7.
Fountain, Poultry drinking. A. S. Eash. 2,352,373; June 27.
Fountain shaving brush. P. Rowan. 2,358,252; Sept. 12.
4-acylamido-2-hydroxyphenylarsenoxides, Preparation of. M. A. Phillips. 2,339,583; Jan. 18.
4-mercaptobenzenesulphonamide. E. H. Northey. 2,356,265; Aug. 22.
4-pyridine sulphonamides and related compounds, Preparation of. A. E. Tiesler. 2,349,060; May 16.
Four-way selector valve. R. B. Campbell. 2,363,481; Nov. 28.
Fourdrinier wire change. F. A. Helin. 2,360,773; Oct. 17.
Fowl-plucking apparatus. C. M. Du Puy. 2,358,693; Sept. 19.
Fraction of gashouse oil drip containing indene and coumarone, Polymerizing. S. Caplan. 2,338,229; Jan. 4.
Fractional distillation, Process and apparatus for. M. R. Fenske. 2,344,984; Mar. 28.

Fractionating apparatus. W. A. McMillan. 2,346,443; Apr. 11.
Fractionating column. E. L. Durrum. 2,339,561; Jan. 18.
Fractionating column and scrubbing tower. S. Palkin and S. A. Hall. 2,344,560; Mar. 21.
Fractionating equipment. A. M. Shoresman. 2,344,329; Mar. 14.
Fractionation, Process and apparatus for controlling. A. S. Wolfner. 2,350,006; May 30.
Fractionator control. J. E. Storment. 2,340,026; Jan. 25.
Fragmentary materials, Process and apparatus for separating. G. J. Holt, V. Rakowsky and R. W. Arms. 2,347,254; Apr. 25.
Frame: See—
Adjustable bed frame.
Bicycle frame.
Canopy and articulated frame.
Car truck side frame.
Cross-winding frame.
Door and window frame.
Door frame.
Draw frame.
Flat knitting frame.
Foldable plastic picture frame.
Garment carrying frame.
Hoisting frame.
Picker and frame.
Pocketbook frame.
Range frame.
Shoe machine frame.
Side frame.
Sieve frame.
Spar deck portable plate frame.
Frame. W. I. Adelman. 2,343,037; Feb. 29.
Frame and chassis, Combined vehicle body. A. R. Perkins. 2,356,690; Aug. 22.
Frame body hoist, Drop. L. S. Wood. 2,339,039; Jan. 11.
Frame for barbecue structures and the like, Adjustable. R. M. Burmeister. 2,355,390; Dec. 19.
Frame for eyeglasses, Interchangeable. M. Gluck. 2,362,002; Nov. 7.
Frame for handbags. M. H. Storch. 2,365,659; Dec. 19.
Frame for measuring body posture. F. G. Leighty. 2,349,654; May 23.
Frame for mounting and supporting mirrors. H. C. Doner. 2,347,176; Apr. 25.
Frame for processing photographic negatives. A. C. Burke. 2,352,801; July 4.
Frame for seat bottom springs, Border. M. Stubnits. 2,359,451; Oct. 3.
Frame for transporting fabrics. E. G. Hellyar. 2,356,787; Aug. 29.
Frame, Handbag. J. L. Colegrove. 2,346,556; Apr. 11.
Frame head and cup, Bicycle. F. W. Schwinn. 2,358,035; Sept. 12.
Frame, Picture. F. D. Crichton. 2,354,183; July 25.
Frames, Supporting comb-foundations in honey. W. A. Hinson. 2,350,943; June 6.
Framing mechanism. E. Boecking. 2,363,855; Nov. 28.
Free-chain planetary hoist. F. W. Coffing and R. H. Johnston. 2,353,648; July 18.
Freeness recording method and means, Continuous. A. B. Green. 2,346,746; Apr. 18.
Freezing, hardening, and dispensing cabinet and container therefor. L. A. M. Phelan. 2,361,649; Oct. 31.
Freezing tray. C. H. Steenstrup. 2,362,320; Nov. 7.
Freight carrying device, Detachable. H. R. Jarvis. 2,355,897; Aug. 15.
Freight transfer apparatus. H. W. Shonnard. 2,352,129; June 20.
Frequency and voltage regulator. W. C. Grabau. 2,356,397; Aug. 22.
Frequency changing apparatus. F. J. G. van den Bosch. 2,342,887; Feb. 29.
Frequency comparison recorder. L. H. Schwartz and H. A. Pooker. 2,351,548; June 13.
Frequency control. H. O. Peterson. 2,341,649; Feb. 15.
Frequency control. H. O. Peterson. 2,354,827; Aug. 1.
Frequency control for ultra high frequency devices. R. M. Smith. 2,349,011; May 16.
Frequency control system. C. Travis. 2,356,483; Aug. 22.
Frequency conversion. H. M. Crosby. 2,363,835; Nov. 28.
Frequency converter. J. L. Boemisch. 2,352,451; June 27.
Frequency converter for geophysical prospecting. W. B. Lewis. 2,342,676; Feb. 29.
Frequency demodulator. W. H. Bliss. 2,350,869; June 6.
Frequency device with conical collector, Ultra high. I. E. Mouromtseff and G. M. Dinnick. Re. 22,580; Dec. 19.
Frequency discriminator network. J. D. Reid. 2,341,240; Feb. 8.
Frequency divider network. M. G. Crosby. 2,344,678; Mar. 21.
Frequency-dividing circuits. G. W. Nagel and M. A. Schultz. 2,365,583; Dec. 19.
Frequency drift indicator. A. Kahn. 2,349,501; May 23.
Frequency indicating system. D. A. Wilbur. 2,366,076; Dec. 26.
Frequency measuring apparatus. H. V. Hermansen. 2,358,127; Sept. 12.
Frequency measuring device. C. F. Baldwin. 2,343,633; Mar. 7.
Frequency-measuring device. H. H. Scott. 2,362,503; Nov. 14.
Frequency meter. L. A. de Rosa. 2,352,082; June 20.
Frequency modulated wave transmission. H. E. Curtis. 2,352,254; June 27.
Frequency modulation. D. M. Kaltenbacher. 2,353,162; July 11.
Frequency modulation apparatus. W. F. Goetter. 2,347,459; Apr. 25.
Frequency modulation detector circuit. M. G. Crosby. 2,351,193; June 13.
Frequency modulation detector circuit. M. G. Crosby. 2,363,650; Nov. 28.
Frequency modulation detector circuit. F. B. Stone. 2,361,664; Oct. 31.
Frequency modulation discriminator circuit. M. G. Crosby. 2,363,652; Nov. 28.
Frequency modulation receiver. M. G. Crosby. 2,351,192; June 13.
Frequency modulation receiver. R. B. Dome. 2,362,806; Nov. 14.
Frequency modulation receiver. H. O. Peterson. 2,349,681; May 30.
Frequency modulation receiver circuit. P. F. G. Holst and L. B. Kirkwood. 2,353,468; July 11.
Frequency modulation signal generator. A. W. Stewart. 2,355,338; Aug. 8.
Frequency modulation signal system. W. L. Carlson. 2,358,382; Sept. 19.
Frequency modulation system. A. Alvira. 2,339,606; Jan. 18.
Frequency modulation system. G. M. Brown. 2,347,458; Apr. 25.
Frequency modulation system. W. R. Koch. 2,349,870; May 30.
Frequency modulation system. W. van B. Roberts. 2,357,975; Sept. 12.
Frequency modulation system. G. L. Usselman. 2,343,099; Feb. 29.
Frequency modulator. M. G. Crosby. 2,345,101; Mar. 28.
Frequency modulator. J. L. Hathaway. 2,341,040; Feb. 8.
Frequency modulator. G. L. Usselman. 2,351,463; June 13.
Frequency modulator. G. L. Usselman. 2,353,203; July 11.
Frequency multiplier. H. F. Storm. 2,349,057; May 16.
Frequency multiplier. H. R. Summerhayes, Jr. 2,352,455; June 27.
Frequency reducing system. O. D. Grandstaff. 2,340,376; Feb. 1.
Frequency reducing system. R. H. Herrick. 2,340,382; Feb. 1.
Frequency response control circuit. K. B. Austin. 2,352,931; July 4.
Frequency variation response network. J. E. Maynard. 2,338,526; Jan. 4.
Frequency variation response network. J. E. Maynard. 2,338,527; Jan. 4.
Fresh air supplying device. H. S. Nelson. 2,341,113; Feb. 8.
Friction brake. G. Mattersdorf. 2,365,715; Dec. 26.
Friction clutch. E. Higgins. 2,349,624; May 23.
Friction clutch. H. Nutt and R. L. Smirl. 2,364,310; Dec. 5.
Friction clutch. H. V. Reed. 2,354,829; Aug. 1.
Friction clutch. E. R. Zademach and W. W. Clarke. 2,344,527; Mar. 21.
Friction device. R. W. Brown. 2,354,448; July 25.
Friction device. D. M. Light. 2,356,743; Aug. 29.
Friction element. H. J. Lidkea. 2,354,389; July 25.
Friction materials, Making. L. H. Chappel. 2,362,450; Nov. 14.
Friction shock absorbing mechanism. G. E. Dath. 2,350,547; June 6.
Friction shock absorbing mechanism. R. J. Olander. 2,354,826; Aug. 1.
Friction spring unit for railway trucks. D. F. Sproul. 2,342,499; Feb. 22.
Frictional resistance test apparatus. J. F. Swift and R. J. Miller. 2,344,331; Mar. 14.
Frictional resistance testing apparatus. B. F. McNamee. 2,354,923; Aug. 1.
Fritted foundations for the enamelling of metallic articles, Preparing. K. Frank. 2,351,811; June 20.
Frog and switch, Overhead trolley. S. S. Matthes. 2,359,437; Oct. 3.
Front apron construction. E. H. Lichtenberg. 2,344,313; Mar. 14.
Front wheel drive mechanism. F. H. Asam. 2,346,143; Apr. 11.
Frost resistant microporous product. G. F. Hannot. 2,351,961; June 20.
Frost shield. A. I. D. Taylor. 2,359,406; Oct. 3.
Froth flotation. T. Heilmann. 2,349,094; May 16.
Froth flotation. K. F. Ruckwardt. 2,349,637; May 23.
Froth flotation of acidic minerals. L. J. Christmann, D. W. Jayne, Jr., and S. E. Erickson. 2,356,821; Aug. 29.
Froth flotation treatment of low grade magnesite ore. A. J. Weinig. 2,363,031; Nov. 21.
Fruit and product, Method of stuffing. V. R. Smith. 2,351,788; June 20.
Fruit and vegetable juice extractor. A. G. Reynolds. 2,343,327; Mar. 7.
Fruit and vegetable juices, Preserving. N. M. H. Blumenkrans. 2,365,674; Dec. 26.

Fruit clipping device. P. Metzger. 2,346,986; Apr. 18.
Fruit collecting chute for ladders and the like. R. M. Thomas. 2,348,504; May 9.
Fruit collector. W. Langford. 2,350,908; June 6.
Fruit coloration. D. G. Ulrey. 2,358,266; Sept. 12.
Fruit cutting and feeding device. A. Lawrence. 2,362,126; Nov. 7.
Fruit, Dicing. E. W. Carroll. 2,350,586; June 6.
Fruit-, grape-, and greens-juices, fermentationless conservation of. E. L. V. E. Liseray. 2,361,695; Oct. 31.
Fruit husking machine. J. B. Crawford. 2,362,356; Nov. 7.
Fruit juice extracting. C. S. Walker, B. C. Skinner, and J. J. R. Bristow. 2,354,721; Aug. 1.
Fruit juice extractor. W. E. Coyle. 2,345,731; Apr. 4.
Fruit juice machine. C. Z. Monroe. 2,365,832; Dec. 26.
Fruit juices, Processing of. R. H. Higby. 2,357,895; Sept. 12.
Fruit juicing machine. H. F. Watkins. 2,345,843; Apr. 4.
Fruit juices, Preserving. G. Singleton. 2,347,339; Apr. 25.
Fruit or vegetable juice concentrate, Producing. F. W. Bedford. 2,354,633; July 25.
Fruit orienting and pitting machine, single stage. E. W. Carroll. 2,343,496; Mar. 7.
Fruit pitting and destemming machine. G. Frova. 2,360,412; Oct. 17.
Fruit pitting machine. E. P. Drake, F. J. Alberty, and W. H. Kagley. 2,341,857; Feb. 15.
Fruit pomace, Process and apparatus for the treatment of. E. K. Metsner. 2,359,929; Oct 10
Fruit, Preserving. A. J. Rogers. 2,340,145; Jan. 25.
Fruit reshaping mechanism. B. C. Coons. 2,356,977; Aug. 29.
Fruit stemmer and method. S. A. Minera. 2,342,358; Feb. 22.
Fruit sizing machine. A. E. Ulrich. 2,349,776; May 23.
Fruit syrup. V. C. E. Le Gloahec. 2,353,251; July 11.
Fruit, Treating. O. S. Sells and H. L. Porch. 2,342,063; Feb. 15.
Fruits and vegetables, Obtaining high lustre upon and preservation of. J. F. Hussey. 2,343,258; Mar. 7.
Fruits or vegetables, Processes of and compositions for protectively coating fresh. C. D. Cothran. 2,363,232; Nov. 21.
Frying apparatus. P. M. Pappas. 2,338,964; Jan. 11.
Fuel admission device for internal-combustion engines. A. Sandhofer. 2,361,063; Oct. 24.
Fuel admission device for internal-combustion engines. A. Sandhofer. 2,361,502; Oct. 31.
Fuel and breaking in internal-combustion engines, Breaking-in. W. M. Malott. 2,364,990; Dec. 12.
Fuel and producing same, High octane motor. R. T. Bell. 2,354,646; Aug. 1.
Fuel assembly, Propellent. C. D. Pratt. 2,362,927; Nov. 14.
Fuel atomising device. J. H. Huss. 2,364,717; Dec. 12.
Fuel, Barbecue. H. M. Hinderer. 2,341,377; Feb. 8.
Fuel briquettes, Making solid. J. A. Erickson. 2,349,342; May 23.
Fuel burner. O. F. Campbell. 2,363,942; Nov. 28.
Fuel burner control apparatus. A. E. Baak. 2,346,284; Apr. 11.
Fuel burner control system. S. G. Isserstedt. 2,341,719; Feb. 15.
Fuel burner control system. H. T. Sparrow. 2,338,786; Jan. 11.
Fuel burner system. H. E. Malone. 2,351,622; June 20.
Fuel burning apparatus, Liquid. M. A. Powers and N. H. Sutterfield. 2,360,891; Oct. 24.
Fuel burning device of pressure type, Liquid. R. Baker and C. W. Davis. 2,362,342; Nov. 7.
Fuel burning method and apparatus. E. G. Bailey, H. J. Kerr, J. Fletcher, G. A. Watts, and L. Koolstra. 2,357,301; Sept. 5.
Fuel burning process and apparatus. E. G. Bailey. 2,357,300; Sept. 5.
Fuel composition. L. A. Mikeska, J. C. Zimmer and J. L. Wasson. 2,348,638; May 9.
Fuel composition. F. M. Seger and E. M. Nygaard. 2,355,261; Aug. 8.
Fuel compositions. J. C. Zimmer and J. I. Wasson. 2,364,502; Dec. 5.
Fuel conditioning and feeding apparatus. N. M. Lower. 2,350,910; June 6.
Fuel conserving device for internal-combustion motors. H. W. Simpson. 2,354,778; Aug. 1.
Fuel control. W. E. Leibing. 2,359,925; Oct. 10.
Fuel control apparatus. F. Schafer and H. R. Schafer. 2,358,255; Sept. 12.
Fuel control device. W. F. Jackson. Re. 22,511; July 4.
Fuel control for combustion apparatus. J. W. Miller and R. E. Fell. 2,363,190; Nov. 21.
Fuel control valve. R. W. De Lancey. 2,359,024; Sept. 26.
Fuel cutoff for heating appliances, Safety. R. Martin. 2,365,092; Dec. 12.
Fuel, Diesel. J. A. Bolt and C. M. Hull. 2,361,080; Oct. 24.
Fuel dispensing apparatus. I. W. Baldwin and H. E. Marvel. 2,339,668; Jan. 18.
Fuel economizer. E. Jansich. 2,362,558; Nov. 14.
Fuel economizer. W. R. Kimberly. 2,357,523; Sept. 5.
Fuel feed control. R. W. De Lancey. 2,338,319; Jan. 4.
Fuel feed system. G. Gerson. 2,357,947; Sept. 12.
Fuel feeder for furnaces. P. B. Greger. 2,359,638; Oct. 3.
Fuel feeding control attachment for internal combustion engines. T. Rau. 2,343,580; Mar. 7.
Fuel feeding device for internal combustion engines. G. Wunsch. 2,341,257; Feb. 8.
Fuel-feeding means for gas producers. R. Daae. 2,357,175; Aug. 29.
Fuel for motor vehicles. J. L. M. Frejacques. 2,357,184; Aug. 29.
Fuel handling pit box. W. J. Peter. 2,361,494; Oct. 31.
Fuel heating apparatus. J. D. Pulliam. 2,346,506; Apr. 11.
Fuel injection apparatus. A. T. Bremser. 2,348,282; May 9.
Fuel injection apparatus. L. O. French. 2,346,160; Apr. 11.
Fuel injection means for internal combustion engines. V. Palumbo. 2,347,363; Apr. 25.
Fuel injection pump. H. O. Farmer. 2,351,414; June 13.
Fuel injection pump. J. E. Houser, W. A. Hancock, and L. T. Rowe. 2,362,822; Nov. 14.
Fuel injection system. F. C. Reggio. 2,354,403; July 25.
Fuel injection system for multicylinder internal-combustion engines, Liquid. W. Voit. 2,356,134; Aug. 22.
Fuel injection turbine. J. W. Smith. 2,354,620; July 25.
Fuel injector. H. C. Edwards. 2,341,540; Feb. 15.
Fuel injector. H. F. Haines. 2,358,494; Sept. 19.
Fuel injector for internal-combustion engines. A. G. Peters. 2,359,487; Oct. 3.
Fuel injector for internal combustion engines. G. Wood. 2,336,879; Jan. 4.
Fuel injector, Rotary. H. O. Hedges. 2,365,636; Dec. 19.
Fuel line, Safety. M. Dach. 2,350,302; May 30.
Fuel, Making aviation. C. L. Brown. 2,348,599; May 9.
Fuel, Manufacture of motor. F. Horton, L. C. Kemp, R. E. Nagle and L. P. Scoville. 2,348,815; May 16.
Fuel metering device. D. S. Hersey and A. E. Smith Re. 22,447; Feb. 29.
Fuel, Method of and apparatus for burning. H. J. Kerr, J. Fletcher, G. A. Watts, and L. Koolstra. 2,357,302; Sept. 5.
Fuel mixer. R. A. Carroll. 2,359,022; Sept. 26.
Fuel mixing apparatus. F. T. Cope. 2,341,177; Feb. 8.
Fuel mixture control. W. F. Stanton. 2,348,033; May 2.
Fuel, Modified. P. J. Gaylor. 2,343,766; Mar. 7.
Fuel, Motor. T. H. Risk. 2,360,584; Oct. 17.
Fuel, Motor. W. B. Ross and K. Boldt. 2,360,585; Oct. 17.
Fuel oil feeding device. S. A. Ayres. 2,358,616; Sept. 19.
Fuel oil filter. V. R. Pawelsky and W. A. Biermann. 2,354,051; July 18.
Fuel oil, Heating. F. B. Downing and R. G. Clarkson. 2,338,578; Jan. 4.
Fuel preheater. L. I. Aldrich. 2,355,693; Aug. 15.
Fuel, Preparing an improved injection engine. T. H. Schultz, I. E. Levine, and H. B. Wellman. 2,365,220; Dec. 19.
Fuel producing machine. C. J. McCormick. 2,353,481; July 11.
Fuel, Production of motor. A. E. Dunstan and S. F. Birch. 2,363,300; Nov. 21.
Fuel projection pump. C. W. Truxell, Jr. 2,357,563; Sept. 5.
Fuel proportioning arrangement. O. L. Garretson. 2,343,765; Mar. 7.
Fuel proportioning device for internal combustion engines. G. Gerson and D. B. Byers. 2,339,988; Jan. 25.
Fuel pump. L. Allen, Jr. 2,365,237; Dec. 19.
Fuel pump. L. O. French. 2,347,551; Apr. 25.
Fuel pump. K. R. Hagen. 2,348,538; May 9.
Fuel pump. J. P. Johnson. 2,351,817; June 20.
Fuel pump. O. Rasmussen and E. L. Baugh. 2,354,828; Aug. 1.
Fuel pump. V. D. Roosa. 2,353,188; July 11.
Fuel pump for internal-combustion motors. A. G. F. Wallgren, O. F. Holmström, and K. E. Evrell. 2,350,434; June 6.
Fuel pumping and distributing device. C. F. High. 2,361,399; Oct. 31.
Fuel pumping unit. A. L. Parker. 2,348,567; May 9.
Fuel regulators for aircraft carburetors. S. M. Udale. 2,349,775; May 23.
Fuel, Safety. C. L. Brown. 2,356,647; Aug. 22.
Fuel saver for internal combustion engines. E. J. Greene. 2,342,046; Feb. 15.
Fuel saver for internal-combustion engines. V. L. Stone. 2,353,524; July 11.
Fuel saving devices, Valve for. R. A. Gallpó and F. Salvatierra. 2,347,946; May 2.
Fuel supply. J. Klonaris. 2,353,341; July 11.
Fuel supply means. R. A. Morton. 2,353,919; July 18.
Fuel supply means for internal-combustion engines. A. C. Durdin, Jr. 2,355,713; Aug. 15.
Fuel supply system. W. L. Davis. 2,348,113; May 2.
Fuel supply system for internal combustion engines. J. E. Farrell. 2,342,132; Feb. 22.
Fuel system. R. R. Curtis. 2,364,605; Dec. 12.
Fuel system, Airplane. L. F. Harman and O. H. Snyder. 2,356,796; Aug. 29.
Fuel system, Hydraulic. J. M. Roth and L. G. Burns. 2,353,269; July 11.

Fuel tank. W. C. Brock. 2,354,573; July 25.
Fuel tank. W. F. Tillery. 2,339,303; Jan. 18.
Fuel tank neutralizer. G. B. Davis, Jr. 2,341,268; Feb. 8.
Fuel treating agent. J. W. Orelup. 2,346,780; Apr. 18.
Fuel vaporizer. R. Goodlass. 2,349,716; May 23.
Fuels, Leaded motor. E. C. Shokal. 2,364,921; Dec. 12.
Fuels, Manufacture of improved motor. E. H. Lang. 2,354,846; Aug. 1.
Fuels, Manufacture of motor. Le R. G. Story. 2,355,339; Aug. 8.
Fuels, Motor. E. F. Pevere. 2,361,054; Oct. 24.
Fuels, Motor. A. E. Robertson. 2,365,009; Dec. 12.
Fuels, Motor. S. Shappirio. 2,356,476; Aug. 22.
Fuels, Stabilization of motor. E. W. Cook and W. D. Thomas, Jr. 2,354,798; Aug. 1.
Fuels, Stabilizing carbonyl containing motor. R. T. Bell. 2,365,377; Dec. 19.
Fuller's earth and preparation thereof, Improved. W. A. La Lande, Jr. 2,363,876; Nov. 28.
Fulling mill. B. M. Jones and F. C. Ames. 2,360,877; Oct. 24.
Fumigant. F. W. Fletcher and R. R. Dreisbach. 2,362,475; Nov. 14.
Fumigant. W. P. ter Horst. 2,365,979; Dec. 26.
Fumigant bag. R. Latta and A. H. Yeomans. 2,342,406; Feb. 22.
Fumigant mixtures. R. R. Dreisbach and F. W. Fletcher. 2,362,472; Nov. 14.
Fumigant support and fumigant. W. R. Kohl. 2,345,755; Apr. 4.
Function cam. W. Simpson. 2,349,118; May 16.
Fungicidal materials. G. H. Coleman and G. A. Griess. 2,365,047; Dec. 12.
Fungicidal preparations. J. L. Kurlychek. 2,358,402; Sept. 19.
Fungicide. R. H. Carter and M. C. Goldsworthy. 2,354,940; Aug. 1.
Fungicide. M. C. Goldsworthy. 2,354,206; July 25.
Fungus growth on photograph films, Prevention of. I. C. Matthews and S. E. Sheppard. 2,341,461; Feb. 8.
Funnel bracket. S. P. Ambrose. 2,357,800; Sept. 12.
Funnel for molten explosives. T. F. Knight and F. E. Tregenza. 2,352,207; June 27.
Fur cleaning apparatus. S. Friedman. 2,350,025; May 30.
Fur feeding machine. P. Schultze. 2,362,315; Nov. 7.
Fur sliver. L. P. Miller. 2,361,309; Oct. 24.
Furfural and fertilizer, Manufacture of. H. C. Millar. 2,362,290; Nov. 7.
Furfural purification. K. H. Hachmuth. 2,350,609; June 6.
Furfural purification method. C. K. Buell and C. M. Cooper. 2,350,584; June 6.
Furfuraldehyde-ketone-formaldehyde reaction product and making same. S. Caplan and M. T. Harvey. 2,363,829; Nov. 28.
Furfuryl amines, Manufacture of. J. G. McNally, J. B. Dickey, and A. R. Gray. 2,338,655; Jan. 4.
Furnace: *See*—
Air heating furnace.
Annealing furnace.
Atmosphere heat-treating furnace.
Blast furnace.
Electric arc furnace.
Electric furnace.
Electric induction furnace.
Electric salt bath furnace.
Forced air furnace.
Gas-carburizing furnace.
Gas furnace.
Glass furnace.
Heating furnace.
Heating-treating furnace.
Hot-air furnace.
Induction furnace.
Metallurgical furnace.
Multiple hearth furnace.
Outdoor furnace.
Pipe heating furnace.
Rotary nosing-in furnace.
Salt bath furnace.
Slagging furnace.
Steam generator furnace.
Submerged resistor induction furnace.
Twin coil furnace.
Warm air furnace.
Furnace. W. S. Blauvelt and N. A. Curry. 2,345,231; Mar. 28.
Furnace. E. E. Forsberg. 2,365,183; Dec. 19.
Furnace. L. Lockwood. 2,362,649; Nov. 14.
Furnace. J. A. Norton. 2,363,742; Nov. 28.
Furnace and burning liquid fuel therein, Regenerative. L. S. Longenecker. 2,354,324; July 25.
Furnace and firing the same, Metallurgical. H. G. Elder and J. F. Mowat. 2,343,004; Feb. 29.
Furnace and water heater, Combination. A. Doherty. 2,354,507; July 25.
Furnace charge distribution. H. K. Najarian. 2,358,024; Sept. 12.
Furnace charges, Treating open-hearth. G. J. Morgan. 2,362,065; Nov. 7.
Furnace construction. M. B. Owen. 2,345,497; Mar. 28.
Furnace construction. G. P. Prather. 2,349,755; May 23.
Furnace construction. M. Rosen. 2,346,050; Apr. 4.
Furnace construction. J. W. Throckmorton. 2,348,099; May 2.
Furnace construction. J. W. Throckmorton and J. S. Wallis. 2,340,287; Feb. 1.
Furnace construction. J. P. Tuck. 2,360,087; Oct. 10.
Furnace construction. J. S. Wallis and J. W. Throckmorton. 2,340,288; Feb. 1.
Furnace control. W. E. Firehammer. 2,357,642; Sept. 5.
Furnace control system. C. H. Dicke. 2,342,126; Feb. 22.
Furnace control system. M. A. Edwards, D. E. Garr, and G. E. Shaad. 2,354,911; Aug. 1.
Furnace control system. D. E. Garr and G. E. Shaad. 2,351,420; June 13.
Furnace cyanide outlet, Blast. R. Franchot. 2,347,045; Apr. 18.
Furnace door. W. C. Bulmer. 2,355,142; Aug. 8.
Furnace for heat treating metal articles. J. A. Csepely. 2,347,400; Apr. 25.
Furnace for heating fluids. J. H. Rickerman. 2,342,011; Feb. 15.
Furnace for the electrothermal production of magnesium. A. von Zoerleder and W. Syz. 2,355,343; Aug. 8.
Furnace humidifier. J. T. Turnbull. 2,338,144; Jan. 4.
Furnace jack. A. Byers. 2,358,141; Sept. 12.
Furnace launder construction. P. M. Hulme. 2,339,337; Jan. 18.
Furnace or boiler arch. C. Calaway. 2,359,619; Oct. 3.
Furnace reconstruction. N. Van Hoose and R. J. Harding. 2,354,561; July 25.
Furnace refractory and making. A. F. Greaves-Walker and R. L. Stone. 2,363,522; Nov. 28.
Furnace structure. E. M. Kane. 2,357,832; Sept. 12.
Furnace temperature control. J. P. Vollrath. 2,359,885; Oct. 10.
Furnace wall burner. F. O. Hess and J. Ehlinger. 2,339,477; Jan. 18.
Furnace wall construction. W. H. Boyd. 2,349,700; May 23.
Furnace wall maintenance. C. S. Hulton. 2,359,646; Oct. 3.
Furnaces for roasting and the like, Method of and apparatus for operating shaft. B. Osann. 2,345,067; Mar. 28.
Furnaces, Nitrogen-fixing blast. R. Franchot. 2,365,868; Dec. 26.
Furniture. A. M. Bank. 2,341,419; Feb. 8.
Furniture. F. F. Benbow. 2,359,284; Oct. 3.
Furniture. D. M. Pope. 2,350,956; June 6.
Furniture, Article of. J. S. McInnis. 2,348,554; May 9.
Furniture, Collapsible. O. C. Goldner. 2,347,821; May 2.
Furniture, Combination. N. F. Hart. 2,348,472; May 9.
Furniture construction. M. L. Kesner. 2,352,106; June 20.
Furniture construction. A. J. O'Leary. 2,353,356; July 11.
Furniture, Convertible. F. S. Hoffman. 2,341,616; Feb. 15.
Furniture, Convertible. A. R. Paladino. 2,345,624; Apr. 4.
Furniture, Folding. E. G. Covell. 2,362,116; Nov. 7.
Furniture, Knockdown. G. Lew. 2,355,541; Aug. 8.
Furniture, Metal. Q. G. Noblitt, E. C. Booth, and B. F. Hamilton. 2,346,448–9; Apr. 11.
Furniture set, Convertible. R. C. Stone. 2,365,848; Dec. 26.
Furniture slip cover. S. Pass. 2,349,193; May 16.
Furniture spring structure. R. C. Heimerdinger. 2,358,395; Sept. 19.
Fuse. J. H. Church and G. J. Kessenich. 2,344,968; Mar. 28.
Fuse. J. H. Church and G. J. Kessenich. 2,362,987; Nov. 21.
Fuse. T. B. Doe and R. L. Kenngott. 2,362,121–2; Nov. 7.
Fuse. T. B. Doe and E. P. Ross. 2,362,123; Nov. 7.
Fuse. C. G. Gibbons. 2,339,261; Jan. 18.
Fuse. F. C. La Mar. 2,343,676–7; Mar. 7.
Fuse. E. J. McCormick. 2,345,618; Apr. 4.
Fuse. W. T. Moore. 2,359,777; Oct. 10.
Fuse. H. J. Nichols. 2,357,759; Sept. 5.
Fuse. R. H. Whitehead. 2,361,518; Oct. 31.
Fuse adapter, Type S. E. W. Landmeier. 2,341,050; Feb. 8.
Fuse assembly and heater therefor, High-tension. T. F. Johnson. 2,353,242; July 11.
Fuse blowing device for igniter tubes. H. Klemperer. 2,342,673; Feb. 29.
Fuse clamping means. E. W. Landmeier. 2,355,085; Aug. 8.
Fuse construction. S. I. Lindell. 2,357,747; Sept. 5.
Fuse construction. R. R. Pittman. 2,356,352; Aug. 22.
Fuse construction. A. Ramsey. 2,347,641; May 2.
Fuse, Delayed action. H.-G. Doll. 2,363,234; Nov. 21.
Fuse device. W. O. Schultz. 2,365,113; Dec. 12.
Fuse device. A. G. Steinmayer and W. O. Schultz. 2,347,351; May 2.
Fuse, Electrical. S. I. Lindell. 2,361,638; Oct. 31.
Fuse, Electrical. H. A. Triplett. 2,361,666; Oct. 31.
Fuse, Hydraulic. R. L. Lavender. 2,360,242; Oct. 10.
Fuse link. B. R. Hermann. 2,341,865; Feb. 15.
Fuse terminal. W. O. Schultz. 2,355,824; Aug. 15.
Fusee. R. F. Hutt. 2,358,713; Sept. 19.
Fuseplug. R. C. Kulling. 2,359,565; Oct. 3.
Fuses for blasting and similar purposes, Manufacture of nondetonating. W. A. Caldwell and A. G. White. 2,363,569; Nov. 28.
Fusible electric circuit protector. M. B. Wood. 2,358,676; Sept. 19.
Fusion process for the production of addition compounds of diaryl guanidines. A. R. Davis. 2,340,833; Feb. 1.

Gaff hook. J. D. Tessier. 2,356,712; Aug. 22.
Gaff or spur as used on pole climbers, Double. C. Bennington. 2,357,159; Aug. 29.
Galvanizing, Method of. E. A. Matteson. 2,345,058; Mar. 28.
Galvanometer. M. D. McCarty. 2,351,353; June 13.
Galvanometer. L. O'Bryan. 2,356,608; Aug. 22.
Galvanometer, Recording. C. F. Wallace. 2,341,834; Feb. 15.
Game. J. A. Cheape. 2,359,355; Oct. 3.
Game. J. H. Dawson. 2,340,649; Feb. 1.
Game. F. C. Fernandez. 2,347,094; Apr. 18.
Game. J. J. Fitzgerald. 2,351,810; June 20.
Game. C. L. Hagan. 2,350,031; May 30.
Game. H. W. Harris. 2,364,141; Dec. 5.
Game. H. M. Hay. 2,343,506; Mar. 7.
Game. J. H. Hogan. 2,339,074; Jan. 11.
Game. A. Pitar. 2,356,531; Aug. 22.
Game. R. R. Rieble. 2,347,506; Apr. 25.
Game. E. F. Sands. 2,342,899; Feb. 29.
Game. H. F. Scofield. 2,355,927; Aug. 15.
Game. F. Sikora. 2,343,812; Mar. 7.
Game. E. Storey. 2,355,118; Aug. 8.
Game. E. A. Zadig. 2,362,684; Nov. 14.
Game and game apparatus. R. R. Vensel. 2,339,209; Jan. 11.
Game apparatus. V. H. Fontaine, Jr. 2,361,471; Oct. 31.
Game apparatus. C. E. Grant. 2,349,040; May 16.
Game apparatus. L. B. Householder. 2,356,057; Aug. 15.
Game apparatus. R. K. Plummer, L. M. Hamlet, and T. A. Blank. 2,364,814; Dec. 12.
Game apparatus. C. A. Solinski. 2,342,018; Feb. 15.
Game apparatus. G. F. Woodward. 2,344,193; Mar. 14.
Game apparatus having pieces setting-up means. J. E. Laferriere. 2,361,492; Oct. 31.
Game, Ball. J. M. Bach. 2,353,866; July 18.
Game ball, Reinforced. W. J. Voit and L. C. Weimer. 2,352,872; July 4.
Game balls, Manufacture of inflatable. L. E. Reeder. 2,344,638; Mar. 21.
Game board. H. W. Lyon. 2,338,774; Jan. 11.
Game board. R. M. Schlesinger. 2,344,737; Mar. 21.
Game construction. M. A. Klemm. 2,353,458; Sept. 19.
Game device. C. L. Myers. 2,339,351; Jan. 18.
Game device. W. Stauffacher. 2,362,319; Nov. 7.
Game missile. C. R. Yancey. 2,338,274; Jan. 4.
Game or recreation table. J. H. McCool. 2,338,253; Jan. 4.
Game or similar device. J. Dorfman. 2,355,785; Aug. 15.
Game, Puzzle. R. W. Mandl. 2,352,555; June 27.
Game, Racing. A. H. Stewart. 2,358,604; Sept. 19.
Game set, Combination. S. J. Stanton. 2,364,007; Nov. 28.
Gangway connection between two vehicles coupled to each other, particularly flexible gangway bellows for railway carriages. H. Goy. 2,344,351; Mar. 14.
Garage door clamp. D. M. Robinson. 2,354,976; Aug. 1.
Garbage holder. T. O. Smith. 2,363,699; Nov. 28.
Garden hose holder. J. Lohne. 2,349,505; May 23.
Garden tool. L. G. Hatch. 2,352,320; June 27.
Garment. P. H. Hanes. 2,363,959; Nov. 28.
Garment. C. Larison. 2,343,124; Feb. 29.
Garment. M. Lesser. 2,341,798; Feb. 15.
Garment. G. Riedl. 2,346,082; Apr. 4.
Garment. L. M. Rouse. 2,360,018; Oct. 10.
Garment. B. Strenger, and D. Herdan. 2,340,626; Feb. 1.
Garment. B. Terrell. 2,349,019; May 16.
Garment and bust supporting lining therefor. Z. and J. Freed. 2,341,032; Feb. 8.
Garment and portable battery therefor, Electrically heated. W. W. McCready. 2,342,744; Feb. 29.
Garment bag. J. G. Johnston. 2,350,901; June 6.
Garment bag. J. G. Johnston. 2,352,102; June 20.
Garment bag. L. Schwartzman. 2,351,882; June 20.
Garment bag. R. R. Smith. 2,365,303; Dec. 19.
Garment, Brassière. M. H. Hatton. 2,351,680; June 20.
Garment carrying frame. W. H. Bracken. 2,338,401; Jan. 4.
Garment case. N. Meatel and J. Berman. 2,357,015; Aug. 29.
Garment, Child's. V. L. Stephenson. 2,338,552; Jan. 4.
Garment construction. J. J. and J. Chambart. 2,344,915; Mar. 21.
Garment construction. M. Kay. 2,354,815; Aug. 1.
Garment, Convertible protective. E. M. David. 2,357,636; Sept. 5.
Garment drier. A. Matthews, R. C. Pauly, and B. E. Maxon. 2,353,741; July 18.
Garment finishing machine. F. E. Hanson. 2,342,937; Feb. 29.
Garment folding machine. H. G. Cooper. 2,362,976; Nov. 21.
Garment, Foundation. H. J. Dubner. 2,344,237; Mar. 14.
Garment, Foundation. H. L. Jasper. 2,366,032; Dec. 26.
Garment, Foundation. F. E. Wrigley. 2,343,607; Mar. 7.
Garment hanger. C. G. Bess. 2,354,099; July 18.
Garment hanger. S. Boe and J. B. Hanson. 2,357,496; Sept. 5.
Garment hanger. G. Bushko. 2,364,619; Dec. 12.
Garment hanger. J. J. Cavanagh. 2,338,702; Jan. 11.
Garmen hanger. R. Gustin. 2,355,969; Aug. 15.
Garment hanger. R. Guyer. 2,352,477; June 27.
Garment hanger. G. Heltzman. 2,343,865; Mar. 14.
Garment hanger. C. A. Isaacson. 2,345,398; Mar. 28.
Garment hanger. R. E. Kearns. 2,347,414; Apr. 25.
Garment hanger. H. E. Kuss. 2,362,756; Nov. 14.
Garment hanger. N. Langer. 2,351,523; June 13.
Garment hanger. P. H. Reckow. 2,350,859; June 6.
Garment hanger. A. A. and D. A. Ruen. 2,344,172; Mar. 14.
Garment hanger. P. M. Steenland. 2,338,213; Jan. 4.
Garment hanger. A. G. Wahl. 2,364,883; Dec. 12.
Garment hanger. L. A. Young and J. D. Coney. 2,340,033; Jan. 25.
Garment hanger. L. A. Young and J. D. Coney. 2,365,655; Dec. 19.
Garment hanger accessory and hanger. W. R. Kohl and W. W. McFall. 2,345,483; Mar. 28.
Garment hanger or the like, Foldable and suspendable. H. E. Hoffman. 2,347,940; May 2.
Garment hanging device. H. Derman. 2,347,892; May 2.
Garment, Infant's. F. Gardner. 2,342,187; Feb. 22.
Garment, Lady's. M. Bloom. 2,362,239; Nov. 7.
Garment, Life-saving. J. C. Harris. 2,359,843–4; Oct. 10.
Garment, Nether. L. E. Virden and K. L. Skidmore. 2,355,404; Aug. 8.
Garment or coat, Outer. G. Rasussen. 2,340,017; Jan. 25.
Garment, Outer. J. T. Callahan and J. A. Gilbertson. 2,361,380; Oct. 31.
Garment, Overall. U. S. Walker. 2,355,193; Aug. 8.
Garment paper moistener. T. H. Krueger. 2,362,755; Nov. 14.
Garment processing apparatus. E. A. Miller. 2,361,045; Oct. 24.
Garment protector. E. G. Mullen. 2,344,781; Mar. 21.
Garment protector. S. Stone. 2,361,799; Oct. 31.
Garment, Reversible outer. J. T. Callahan and J. A. Gilbertson. 2,361,381; Oct. 31.
Garment shaping form, Adjustable. H. Z. White. 2,355,577; Aug. 8.
Garment side closure. C. G. Leubrie. 2,347,354; Apr. 25.
Garment, Sleeping. M. N. Bell. 2,355,138; Aug. 8.
Garment steaming and drying device. E. A. Miller. 2,338,776; Jan. 11.
Garment support. M. L. Goldbert. 2,340,320; Feb. 1.
Garment support. M. L. Goldbert. 2,345,745; Apr. 4.
Garment, Therapeutic. C. A. Muller. 2,354,697; Aug. 1.
Garment treating apparatus. L. H. Oswald, A. S. Mann, and J. H. Wahlbeck. 2,351,063; June 13.
Garment, Woman's. G. H. Struthers. 2,359,804; Oct. 10.
Garments, Manufacture of. H. Roher. 2,347,578; Apr. 25.
Garnierite ores, Treatment of. N. Hedley and J. J. Kress. 2,349,223; May 16.
Garter, tourniquet, and first aid kit, Combination. A. D. Carmichael. 2,339,239; Jan. 18.
Gas analysis and combustion chamber therefor. C. C. Bies. 2,364,940; Dec. 12.
Gas analysis apparatus. A. E. Krogh. 2,341,727; Feb. 15.
Gas analysis apparatus. W. A. McMillan. 2,351,532; June 13.
Gas analyzer. C. Johnson. 2,358,285; Sept. 12.
Gas analyzer. L. L. Vayda and J. A. Stein. 2,363,027; Nov. 21.
Gas analyzing apparatus. R. B. Hines. 2,356,845; Aug. 29.
Gas and oil separator. A. S. Parks. 2,348,357; May 9.
Gas and preventing corrosion of oil producing wells, Sweetening sour. T. O. Smith. 2,357,559; Sept. 5.
Gas-arc welding apparatus. L. G. Pickhaver. 2,360,160; Oct. 10.
Gas blast circuit interrupter. H. L. Rawlins. 2,343,422; Mar. 7.
Gas burner. S. W. E. Andersson. 2,360,310; Oct. 17.
Gas burner. L. R. Armstrong. 2,353,865; July 18.
Gas burner. H. L. Brownback. 2,362,972; Nov. 21.
Gas burner. B. K. G. Ehnbom. 2,344,400; Mar. 14.
Gas burner. A. F. Erickson. 2,345,247; Mar. 28.
Gas burner. R. J. Greene. 2,357,647; Sept. 5.
Gas burner. F. G. Treat. 2,342,228; Feb. 22.
Gas burner assembly. W. S. Guthrie. 2,338,810; Jan. 11.
Gas carbureting apparatus. S. P. Jones. 2,346,762–3; Apr. 18.
Gas-carburizing furnace. W. Roth. 2,359,157; Sept. 26.
Gas cleaner. E. F. Fisher. 2,354,676; Aug. 1.
Gas cleaner and washer. E. F. Fisher. 2,354,678; Aug. 1.
Gas compressing plant. B. R. Planche. 2,350,815; June 6.
Gas compressor. J. W. Newton and M. J. Duff-Fyfe. 2,361,316; Oct. 24.
Gas cylinder unit for guns. C. E. Balleisen. 2,340,293; Feb. 1.
Gas detecting apparatus. M. M. Robertson and R. R. Douglas. 2,345,772; Apr. 4.
Gas detection. R. L. Doan. 2,349,250; May 23.
Gas dispensing system, Liquefied petroleum. T. V. Shea. 2,362,724; Nov. 14.
Gas dispensing system, Underground liquified. L. J. White. 2,357,777; Sept. 5.
Gas eliminator. R. M. Lindgren. 2,363,343; Nov. 21.

Gas fired apparatus. R. Walker and J. J. Wolfersperger. 2,348,767; May 16.
Gas flow indicator. S. V. Winton. 2,338,750; Jan. 11.
Gas furnace. J. H. Forrester. 2,363,953; Nov. 28.
Gas generating apparatus. S. E. Peters. 2,353,926; July 18.
Gas generating system. R. J. Kehl. Re. 22,557; Oct. 24.
Gas generator. O. Nygaard and C. H. Schroder. 2,360,574; Oct. 17.
Gas-generator unit. C. E. Peck. 2,356,084; Aug. 15.
Gas-heated soldering iron. J. Attias. 2,344,196; Mar. 14.
Gas holder. J. H. Wiggins. 2,363,565; Nov. 28.
Gas indicator. F. W. Dwyer. 2,357,635; Sept. 5.
Gas into vapor, System for converting a liquefied. L. A. Bliss and O. A. Hansen. 2,362,968; Nov. 21.
Gas lift pump. E. D. Smyser. 2,344,744; Mar. 21.
Gas lift valve. C. M. Peters. 2,342,301; Feb. 22.
Gas mask. M. C. Schwab. 2,365,779; Dec. 26.
Gas mask facepiece, Fully molded. J. F. Battley, D. O. Burger, and R. Monro. 2,359,506; Oct. 3.
Gas mask, Noncombatant. R. Monro. 2,341,566; Feb. 15.
Gas material, Method and apparatus for dispensing and conserving. G. J. Boshkoff. 2,362,984; Nov. 21.
Gas meter. G. A. Ormerod and A. Smith. 2,346,229; Apr. 11.
Gas mixing apparatus. J. K. Heller. Re. 22,556; Oct. 24.
Gas mixing device. C. H. De Wall. 2,351,494; June 13.
Gas mixtures, Separating. S. B. Lippincott. 2,346,441; Apr. 11.
Gas-operated automatic firearm. D. M. Williams and W. C. Roemer. 2,348,872; May 16.
Gas or liquid-tight plug. C. J. Young. 2,358,434; Sept. 19.
Gas pressure alarm system for cables. S. P. Shackleton. 2,346,461; Apr. 11.
Gas producer system. K. M. Urquhart. 2,363,708; Nov. 28.
Gas purification system. J. Loumiet et Lavigne. 2,360,066; Oct. 10.
Gas purifier. J. I. R. Boivie. 2,347,731; May 2.
Gas range. G. J. Eltz, Jr. 2,350,500; June 6.
Gas range cooking top. C. E. Parker. 2,339,802; Jan. 25.
Gas reactions, Carrying out catalytic. H. Kaufmann and P. Keinke. 2,351,214; June 13.
Gas regulator, Single port pressure balanced. G. T. Macbeth. 2,345,824; Apr. 4.
Gas release, Compressed. H. N. Rider. 2,340,143; Jan. 25.
Gas suitable for the synthesis of hydrocarbons, Producing a. H. Koppers. 2,349,438; May 23.
Gas system, Liquified petroleum. H. L. Norway. 2,361,865; Oct. 31.
Gas tank feed device, Butane. R. Baker and J. C. Fleming. 2,339,134; Jan. 11.
Gas tank fitting. W. A. Lebus. 2,351,526; June 13.
Gas tank lock. S. Greenberg. 2,345,809; Apr. 4.
Gas tube relay circuits. H. B. Deal. 2,349,849; May 30.
Gas turbine. W. I. Nichols. 2,348,748; May 16.
Gas turbine. R. H. Norris. 2,354,698; Aug. 1.
Gas turbine and the like. D. D. Streid. 2,362,509; Nov. 14.
Gas turbine arrangement. C. W. Smith. 2,364,037; Nov. 28.
Gas turbine plant. W. Traupel. 2,341,490; Feb. 8.
Gas turbine plant. W. Traupel. 2,361,687; Oct. 31.
Gaseous and liquid petroleum hydrocarbons, Dehydrogenation of. H. B. Kipper. 2,360,689; Oct. 17.
Gaseous CO_2, Generation. J. C. Dittmer. 2,352,775; July 4.
Gaseous developing apparatus. H. H. Steglich. 2,350,257; May 30.
Gaseous discharge lamp and starting mechanism therefor. P. Sitzer. 2,347,222; Apr. 25.
Gaseous discharge lamp circuit. G. B. Horn. 2,348,739; May 16.
Gaseous discharge tube. S. G. Klumb. 2,352,841; July 4.
Gaseous discharge tube circuit. D. W. Abernathy. 2,356,369; Aug. 22.
Gaseous fuel burner. J. E. Farrell. 2,356,838; Aug. 29.
Gases and vapors, Absorbing. S. Klesskalt. 2,354,383; July 25.
Gases and vapors, adsorbing. S. Klesskalt, E. Kruta, H. Quedhau and F. Patat. 2,349,098; May 16.
Gases, Contrivance for the heating of. H. Koppers. 2,349,439; May 23.
Gases, Purification of. B. Berghaus and W. Burkhardt. 2,342,784; Feb. 29.
Gases, Method and apparatus for the treatment of. G. L. Simpson. 2,345,774; Apr. 4.
Gases, Treatment of hydrocarbon. S. S. Chazanow. 2,355,147; Aug. 8.
Gassing apparatus, Filled container. P. E. Pearson. 2,356,671; Oct. 3.
Gasket. W. F. Bernstein and S. M. Lillis. 2,349,235; May 23.
Gasket. H. B. Denman. 2,342,647; Feb. 29.
Gasket. H. B. Denman. 2,360,830; Oct. 24.
Gasket, Composite. O. K. Hohelsel. 2,339,478; Jan. 18.
Gasket, Composite. K. McCreary. 2,339,479; Jan. 18.
Gasket construction. A. W. L. Hartbauer. 2,363,524; Nov. 28.
Gasket material. Le G. Daly. 2,343,368; Mar. 7.
Gasket, Refrigerator. D. H. Gaston. 2,346,743; Apr. 4.
Gasket, Reinforced. F. W. Goetze. 2,357,257; Aug. 29.
Gasoline and the like, Stabilization of. J. C. Morrell. 2,354,873; Aug. 1.
Gasoline dispensing apparatus. E. B. Eickmeyer and A. G. Horvath. 2,354,249; July 25.
Gasoline manufacture. F. E. Frey. 2,345,802; Apr. 4.
Gasoline, Manufacture of. E. C. Herthel. 2,353,399; July 11.
Gasoline, Manufacture of. J. F. M. Taylor and S. H. McAllister. 2,341,487; Feb. 8.
Gasoline, Producing aviation. B. B. Roetheli. 2,360,622; Oct. 17.
Gasoline, Production of aviation. A. Voorhies, Jr. 2,361,138; Oct. 24.
Gasoline, Production of catalytically cracked. F. C. Fahnestock. 2,365,630; Dec. 19.
Gasoline of low gum forming tendency, Preparing. R. E. Burk and E. C. Hughes. 2,345,575; Apr. 4.
Gasoline reserve tank. A. Paoli. 2,361,148; Oct. 24.
Gasoline tank filler. H. D. Allee. 2,344,582; Mar. 21.
Gasoline tank fitting. W. A. Lebus. 2,354,326; Aug. 22.
Gasoline treating reagents, Regeneration of. J. Happel. 2,366,104; Dec. 26.
Gasolines, Producing. A. G. Peterkin. 2,347,216; Apr. 25.
Gasolines, Production of. D. A. Howes and E. W. M. Fawcett. 2,357,741; Sept. 5.
Gathering and loading machine. F. Cartlidge. 2,358,849; Sept. 26.
Gathering machine. W. C. Morris. 2,358,872; Sept. 26.
Gate: *See*—
Elevating gate.
Farm gate.
Grade crossing gate.
Highway crossing gate.
Railway crossing gate.
Sluice gate.
Starting gate.
Gate balancer, Hydraulic turbine. W. J. Rheingans. 2,365,905; Dec. 26.
Gate drive. F. B. Peebles. 2,346,388; Apr. 11.
Gate, Portable. J. B. Mutch. 2,348,561; May 9.
Gate valve. H. Allen. 2,351,312; June 13.
Gate valve. P. E. McMurry. 2,351,775; June 20.
Gathering machine. H. T. Honig. 2,362,134; Nov. 7.
Gathering mechanism for harvesters. W. R. Bray. 2,359,400; Oct. 3.
Gauge: *See*—
Adjustable gauge.
Adjustable pin gauge.
Adjustable plug gauge.
Alignment gauge.
Angle gauge.
Combination gauge.
Combined pressure and vacuum gauge.
Cylinder head gauge.
Depth and taper gauge.
Depth gauge.
Dip-stick gauge.
Electric control gauge.
Electric gauge.
Electrical gauge.
Electromagnetic check gauge.
Float gauge.
Fluid pressure gauge.
Height gauge.
Interpupillary distance gauge.
Layout gauge.
Linear-dimension gauge.
Liquid level gauge.
Marking gauge.
Micrometer gauge.
Micrometer height gauge.
Micrometer master gauge.
Micrometer plug gauge.
Moistureproof strain gauge.
Offset keyway gauge.
Pin driver and gauge.
Plug gauge.
Pneumatic comparator gauge.
Pressure gauge.
Pressure leakage gauge.
Prismatic accumulator gauge.
Remote reading electric indicator gauge.
Roll stand bearing gauge.
Saw gauge.
Screw gauge.
Sheave gauge.
Size gauge.
Small hole gauge.
Spindle rail gauge.
Strain gauge.
Tank gauge.
Temperature compensated strain gauge.
Thickness gauge.
Thread gauge.
Thread tap gauge.
Tire gauge.
Torque gauge.
Vacuum gauge.
Vernier height gauge.
Water level gauge.
Wear compensating thread gauge.
Wheel alignment gauge.
Work gauge.
Gauge. S. Dietz. 2,345,103; Mar. 28.
Gauge. H. A. and J. M. Droitcour. 2,348,530; May 9.
Gauge. E. H. Fernald. 2,352,313; June 27.
Gauge. R. M. Greenleaf and J. L. Hunt. 2,363,060; Nov. 21.
Gauge. G. H. Harries. 2,344,866; Mar. 21.
Gauge. G. Hohwart. 2,345,750; Apr. 4.
Gauge. F. M. Ramsdell. 2,340,428; Feb. 1.
Gauge. S. J. Robins. 2,357,024; Aug. 29.
Gauge. A. C. Smith. 2,339,720; Jan. 18.
Gauge. M. G. Wright. 2,346,406; Apr. 11.
Gauge. M. G. Wright and M. W. Galser. 2,357,569; Sept. 5.
Gauge adjusting means. S. Kahn. 2,344,882; Mar. 21.
Gauge and making the same. L. R. Johnson. 2,358,232; Sept. 12.
Gauge assembly, Flat type water level. E. Ernst. 2,363,780; Nov. 28.
Gauge connection, Strain. S. R. Jordan. 2,364,076; Dec. 5.
Gauge control. E. B. Hudson and E. G. Schlup. 2,343,554; Mar. 7.
Gauge, countersink, and drill, Depth. E. J. Harding. 2,344,143; Mar. 14.

Gauge for adjusting brakes. A. E. Kuna and R. J. Heil. 2,341,796; Feb. 15.
Gauge for bores, Internal. W. Hardware. 2,363,587; Nov. 28.
Gauge for cutting tools, Setting. N. P. Lloyd. 2,343,309; Mar. 7.
Gauge for setting boring bar cutters. J. M. Nardi. 2,341,466; Feb. 8.
Gauge for setting internal instruments. E. Ellstrom, Sr. 2,350,394; June 6.
Gauge for splined parts, gear members and the like. J. E. Wainwright. 2,361,888; Oct. 31.
Gauge for tapered pipe thread. L. A. Husband. 2,339,699; Jan. 18.
Gauge glass. W. P. Thomas. 2,351,162; June 13.
Gauge holder. G. A. Paulsen. 2,350,415; June 6.
Gauge or comparator, Linear-dimension. J. Loxham. 2,338,190; Jan. 4.
Gauge or holder for thread-cutting tools, Grinding. A. Ringuelli. 2,362,206; Nov. 7.
Gauge or instrument for measuring or testing mechanical work. L. Taylor. 2,358,264; Sept. 12.
Gauge plate for railway surface tracks. V. Carone. 2,359,509; Oct. 3.
Gauge tapper, Automatic height. J. F. McQuillan, Sr. 2,349,667; May 23.
Gauges, Method and apparatus for making strain. E. E. Simmons, Jr. 2,344,647; Mar. 21.
Gauging and seam-detecting apparatus. W. J. Fedorchak. 2,355,719; Aug. 15.
Gauging and sorting machine. A. R. Carmina. 2,344,596; Mar. 21.
Gauging apparatus. K. K. Deeren. 2,353,813; July 18.
Gauging apparatus. H. E. House. 2,356,242; Aug. 22.
Gauging apparatus. E. R. Owens. 2,338,868; Jan. 11.
Gauging device. W. F. Aller. 2,358,769; Sept. 19.
Gauging device. W. F. Aller and L. J. Mahlmeister. 2,352,507; June 27.
Gauging device. F. G. Du Pont and L. V. Barker. 2,345,867; Apr. 4.
Gauging device. A. F. Gagne, Jr. 2,356,236; Aug. 22.
Gauging device. M. W. Hazelton and R. S. Diserens. 2,357,194; Aug. 29.
Gauging device and method. L. F. Polk. 2,356,003; Aug. 15.
Gauging device for setting snap fasteners. J. P. Treclokas and E. H. MacCoul. 2,345,640; Apr. 4.
Gauging instrument. E. F. Ahlstrom. 2,364,182; Dec. 5.
Gauging machine. R. F. Belveal. 2,364,185; Dec. 5.
Gauging machine. E. H. Birdsall. 2,364,187; Dec. 5.
Gauging machine. W. S. Reynolds. 2,341,292; Feb. 8.
Gauging machine. J. L. Yablonsky. 2,364,263; Dec. 5.
Gauging or sorting machine. F. F. Ruau. 2,353,085; July 4.
Gauntlet for handle bar grips. R. H. Harder. 2,344,545; Mar. 21.
Gauze, Impregnating. W. H. Feinstone. 2,349,152; May 16.
Gear: *See*—
Aircraft alighting gear.
Aircraft landing gear.
Airplane landing gear.
Boat-handling gear.
Boat lowering gear.
Change-speed gear.
Counterweighted spudding gear.
Differential gear.
Draft and buffer gear.
Draft gear.
Eccentric driving gear.
Epicyclic gear.
Feed gear.
Landing gear.
Locomotive valve gear.
Mobile lifting gear.
Motor vehicle steering gear.
Power assisted steering gear.
Preloaded gear.
Pressure operated valve gear.
Retractible landing gear.
Reverse gear.
Screw type trailer landing gear.
Steering gear.
Variable speed gear.
Vehicle landing gear.
Vibration absorbing gear.
Gear and buffer stem mounting, Railroad car draft. K. F. Nystrom and V. L. Green. 2,363,197; Nov. 21.
Gear and making the same, Sprocket. K. T. Keller. 2,345,343; Mar. 28.
Gear and the like, Hoisting. R. C. Clarke. 2,347,395; Apr. 25.
Gear and winding drum, Combined. J. P. Templeman. 2,363,757; Nov. 28.
Gear assembly, Self-aligning. B. G. Carlson. 2,355,144; Aug. 8.
Gear checking apparatus. H. W. Semar. 2,345,298; Mar. 28.
Gear construction. A. J. Quinn. 2,346,507; Apr. 11.
Gear crowning. R. S. Drummond. 2,347,998; May 2.
Gear crowning. M. B. Mentley. 2,346,266; Apr. 11.
Gear crowning machine. R. S. Drummond. 2,350,882; June 6.
Gear cutter. R. A. Hoorn. 2,343,508; Mar. 7.
Glass cutter. A. C. Oakes. 2,361,049; Oct. 24.
Gear cutter. B. E. Shlesinger. 2,353,768; July 18.
Gear cutter. J. Sneed. 2,348,759; May 16.
Gear cutter. E. Wildhaber. 2,346,806; Apr. 18.
Gear cutters, Forming. H. Pelphrey. 2,346,865; Apr. 18.
Gear-cutting machine. L. O. Carlsen. 2,352,689; July 4.
Gear cutting method and machine. W. H. Cassel. 2,339,875; Jan. 18.
Gear-cutting tool. L. O. Carlsen. 2,358,489; Sept. 19.
Gear driving means for centrifugal machines. C. A. Olcott. 2,363,613; Nov. 28.
Gear finishing. R. S. Drummond. 2,347,997; May 2.
Gear finishing. R. S. Drummond. 2,354,670; Aug. 1.
Gear finishing and crowning machine. E. W. Miller. 2,362,763; Nov. 14.
Gear finishing apparatus. E. W. Miller. 2,352,557; June 27.
Gear finishing machine. E. W. Miller. 2,362,762; Nov. 14.
Gear finishing tool. E. W. Miller. 2,356,868; Aug. 29.
Gear for automobiles and the like, Steering. M. Katcher. 2,351,617; June 20.
Gear for multiple cylinder steam engines or pumps. W. J. Redman and J. M. Shimer. 2,359,269; Sept. 26.
Gear grinding machine. P. F. Seibold. 2,351,842; June 20.
Gear pump. M. Gottlieb. 2,354,992; Aug. 1.
Gear pump. J. C. Monahan. 2,344,628; Mar. 21.
Gear shaving hob. H. Pelphrey. 2,348,844; May 16.
Gear shifting and driving system, Hydraulic. C. E. Linden and R. H. McClellan. 2,339,604; Jan. 18.
Gear shifting mechanism. W. J. Andres. 2,358,846; Sept. 26.
Gear shifting mechanism. H. W. Hey. 2,339,697; Jan. 18.
Gear shifting mechanism. C. D. Peterson and E. J. Barth. 2,362,925; Nov. 14.
Gear shifting mechanism, Fuel operated. W. G. Hoelscher. 2,357,952; Sept. 12.
Gear shifting mechanism, Power. R. H. Casler and S. Vorech. 2,346,820; Apr. 18.
Gear teeth, Heat treatment of. F. S. Denneen and W. C. Dunn. 2,356,150; Aug. 22.
Gear testing machine. C. G. Dahlerup. 2,348,712; May 16.
Gear testing tool. L. D. Martin. 2,350,788; June 6.
Gear tooth face finishing apparatus and method. D. A. Wallace. 2,353,861; July 18.
Gear transmission, Variable speed epicyclic. J. P. Popoff. 2,363,201; Nov. 21.
Gearing, O. M. Knight and W. C. Le Mire. 2,339,272; Jan. 18.
Gearing. G. W. Matteson. 2,364,156; Dec. 5.
Gearing. F. E. McMullen. 2,351,219; June 13.
Gearing, Automatic speed change. W. A. Duffield. 2,346,365; Apr. 11.
Gearing, Engine starter. C. S. James. 2,344,463; Mar. 14.
Gearing for aircraft propellers, Change-speed. O. H. Banker. 2,348,716; May 16.
Gearing for rotating concentric shafts in opposite directions. E. C. Hatcher. 2,347,906; May 2.
Gearing, particularly for machine tools, Actuation of change-speed. A. H. Lloyd. 2,365,571; Dec. 19.
Gears by shaving, Crowning. E. W. Miller. 2,343,567; Mar. 7.
Gears by shaving, Finishing. E. W. Miller. 2,338,528; Jan. 4.
Gears, Cutting. L. O. Carlsen. 2,358,442; Sept. 19.
Gears, Cutting. E. Wildhaber. 2,346,807; Apr. 18.
Gears, Cutting. E. Wildhaber. 2,357,153; Aug. 29.
Gears, Finishing. J. C. Drader. 2,344,292; Mar. 14.
Gears, Finishing. J. L. Williamson. 2,362,787; Nov. 14.
Gears, Method and machine for producing. E. Wildhaber. 2,342,232; Feb. 22.
Geiger counter, Directional. H. G. Stever. 2,351,845; June 20.
Gelatin coatings to metal, Adhering. G. F. Roquemore. 2,356,005; Aug. 15.
Gelatin derivatives and making same. J. B. Monier. 2,363,892; Nov. 28.
Gelatin nutrient products, Preparing. T. B. Downey and H. E. Williams. 2,338,415; Jan. 4.
Gelatin preparation. W. M. Urbain. 2,346,880; Apr. 18.
Gelatin sheets, Forming. A. W. Kath. 2,345,674; Apr. 4.
Gelatin, Treatment of. E. E. Jelley and W. J. Weyerts. 2,341,381; Feb. 8.
Gelation coating process. C. R. Fordyce and G. J. Clarke. 2,350,742–4; June 6.
Gel-coated pigments and making same. B. W. Allan. 2,357,721; Sept. 5.
Gel-forming composition. P. R. Wenck. 2,358,549; Sept. 19.
Gels, Preparation of. A. S. Behrman. 2,358,201; Sept. 12.
Gels, Producing. A. S. Behrman. 2,358,202; Sept. 12.
Gels, Production of molded. G. C. Connolly. 2,363,832; Nov. 28.
Gem. G. E. McMahon. 2,348,636; May 2.
Generating gears by planetary motion, Method and apparatus for. E. W. Miller. 2,356,869; Aug. 29.
Generative grinding machine with rolling work or tool carrier. E. W. Miller. 2,364,542; Dec. 5.

Generator: *See*—
- Acetylene generator.
- Alternating current generator.
- Electric generator.
- Electric wave generator.
- Electronic switch and rectangular wave generator.
- Frequency modulation signal generator.
- Gas generator.
- Harmonic generator.
- High frequency generator.
- High-pressure steam generator.
- Impulse generator.
- Oil gas generator.
- Optical flat generator.
- Oscillation generator.
- Ozone generator.
- Power generator.
- Quenched electric oscillation generator.
- Reactance controlled generator.
- Sound generator.
- Steam generator.
- Synchronizing signal generator.
- Ultra high frequency generator.
- Ultraviolet ray generator.
- Vapor generator.
- Water circuit steam generator.
- Welding generator.
- X-ray generator.

Generator control means. O. C. Walley. 2,359,175; Sept. 26.
Generator grounding system. S. B. Griscom. 2,342,800; Feb. 29.
Generator-protection against leakage of cooler tubes. E. I. Pollard. 2,347,062; Apr. 18.
Generator regulating system. E. G. Thompson. 2,339,037; Jan. 11.
Generator regulator. W. J. Rady. 2,354,542; July 25.
Generator regulator. R. G. Thompson. 2,358,482; Sept. 19.
Generator relay shield. A. Hallett. 2,338,938; Jan. 11.
Generator voltage regulator. W. J. Rady. 2,348,571; May 9.
Geneva drive. A. Martin. 2,345,139; Mar. 28.
Geochemical prospecting. L. Horvitz. 2,338,643; Jan. 4.
Geochemical prospecting. L. Horvitz. 2,343,772; Mar. 7.
Geochemical prospecting. D. S. Rearden, E. G. Brewster, and R. T. Sanderson. 2,339,651; Jan. 18.
Geochemical prospecting. R. T. Sanderson. 2,345,219; Mar. 28.
Geologic structures, Determining permeability of. J. J. Heigl and L. R. Hodell. 2,364,975; Dec. 12.
Geological formations, Method and apparatus for testing loose. C. G. Cooley. 2,342,253; Feb. 22.
Geometrical determination of dip and strike of cored strata. P. Subkow and L. Dillon. 2,357,617; Sept. 5.
Geometrical instrument. J. H. D. Beaucage. 2,353,989; July 18.
Geophysical exploration. H. H. Pratley. 2,364,655; Dec. 12.
Geophysical exploration, Method and apparatus for. B. Pontecorvo. 2,349,753; May 23.
Geophysical prospecting. F. W. Lee. 2,345,608; Apr. 4.
Geophysical prospecting. C. A. Moon. 2,349,366; May 23.
Geophysical prospecting. B. Pontecorvo and G. Swift. 2,353,619; July 11.
Germicidal compositions. A. M. Partansky. 2,359,240; Sept. 26.
Germicidal compositions. A. M. Partansky. 2,360,269; Oct. 10.
Germicidal compositions, Liquid. A. M. Partansky. 2,359,241; Sept. 26.
Germicidal lamp. J. L. Libby. 2,362,385; Nov. 7.
Germicidal soap. W. S. Gump. 2,353,724; July 18.
Germicidal soap. E. C. Kuns, M. Luthy, and W. S. Gump. 2,353,735; July 18.
Germicidal treatment of air-borne bacteria. H. W. Alexander. 2,350,665; June 6.
Germicide. A. L. Waugh. 2,347,012; Apr. 18.
Germicide and producing same. A. J. Salle and H. L. Guest. 2,354,334; July 25.
Getter. R. U. Clark. 2,362,468; Nov. 14.
Getter for electron discharge tubes. R. A. Stephan. 2,341,483; Feb. 8.
Getters, Producing. C. Herzog and P. A. Hauck. 2,344,931; Mar. 21.
Girder brace for outdoor signs. W. F. Vernon. 2,350,433; June 6.
Girder for aircraft structure. K. Cyron and E. Wessel. 2,347,542; Apr. 25.
Girder or truss, Channeled. J. R. Tench. 2,338,468; Jan. 4.
Girder, Timber plate. R. Butler. 2,363,568; Nov. 28.
Girdle. L. J. A. Amyot. 2,360,032; Oct. 10.
Girdle. E. P. Scriggins. 2,341,882; Feb. 15.
Girdle. C. Stone. 2,363,368; Nov. 21.
Girdle and corset stay. C. H. Van Allan. 2,355,575; Aug. 8.
Girdle and hernia truss, Combination. J. Rosenzweig. 2,349,113; May 16.
Girdle or the like. A. N. Spanel. 2,365,016; Dec. 12.
Girdle, Pantie. E. C. Clark. 2,363,775; Nov. 28.
Girdle, Seamless dipped latex. A. N. Spanel. 2,360,736; Oct. 17.
Gland and armor therefor, Seal. J. Marco. 2,354,270; July 25.
Gland sealing apparatus. R. B. Collins. 2,350,448; June 6.
Glare eliminating device. S. S. Sherrill. 2,354,408; July 25.
Glass and articles made therefrom, Heat-transmitting, light-absorbing. T. W. Rolph and S. J. Harris. 2,360,280; Oct. 10.
Glass and ceramic article and making, Composite. W. C. Gregory. 2,357,399; Sept. 5.
Glass article handling apparatus. L. N. Pond. 2,355,597; Aug. 8.
Glass articles, Forming. R. W. Kell. 2,352,957; July 4.
Glass articles, Forming hollow. O. H. Samuelson and A. T. Zappia. 2,363,999; Nov. 28.
Glass articles, Making. H. H. Blau. 2,339,975; Jan. 25.
Glass articles, Manufacture of blown. H. F. Teichmann. 2,357,702; Sept. 5.
Glass articles, Manufacturing. A. G. C. Kirchheim. 2,348,823; May 16.
Glass articles, Method of and apparatus for tempering hollow. C. E. Mongan, Jr. 2,365,138; Dec. 12.
Glass articles, Tempering. H. R. Kiehl and W. W. Shaver. 2,359,222; Sept. 26.
Glass articles, Tempering. J. T. Littleton and R. K. Day. 2,347,116; Apr. 18.
Glass bodies, Method of and apparatus for forming and finishing hollow. P. R. Luertzing. 2,349,046; May 16.
Glass, Bullet-resisting. J. H. Fox. 2,345,336; Mar. 28.
Glass, Coating articles with. G. L. Strubler. 2,356,016; Aug. 15.
Glass composition and making the same. A. G. Pincus. 2,359,789; Oct. 10.
Glass, Copper ruby. W. A. Weyl. 2,354,164; July 18.
Glass cutter. A. T. Fletcher. 2,341,030; Feb. 8.
Glass-door lock. F. K. Heyer. 2,338,851; Jan. 11.
Glass electrodes, Making. H. H. Cary and W. P. Baxter. 2,346,470; Apr. 11.
Glass enamel composition. C. J. Harbert and R. F. Morrison. 2,356,316–17; Aug. 22.
Glass feeder. J. W. Ross. 2,352,288; June 27.
Glass fibers and article made thereby, Treating. H. P. Hood. 2,339,928; Jan. 25.
Glass filter and manufacture thereof. D. R. Mattoon. 2,360,570; Oct. 17.
Glass forming apparatus. W. P. Stuckert and H. H. Snyder. 2,364,673; Dec. 12.
Glass forming machine. J. W. Carnahan. 2,357,501; Sept. 5.
Glass, Forming of structural. F. W. Preston. 2,342,218; Feb. 22.
Glass furnace. A. L. Pasquier. 2,352,860; July 4.
Glass grinding apparatus. G. R. Roesch and G. White. 2,356,433; Aug. 22.
Glass handling machine. S. F. Grein and P. G. Magrini. 2,340,807; Feb. 1.
Glass headers for electron tubes and the like, Manufacture of. B. S. Ellefson. 2,342,609; Feb. 22.
Glass, Jelly. J. W. Stanley. 2,353,520; July 11.
Glass-lifting device. A. L. Cohen. 2,351,666; June 20.
Glass-lined container. G. L. West. 2,364,014; Nov. 28.
Glass, Manufacture of vesicular. J. H. Fox and W. O. Lytle. 2,354,807; Aug. 1.
Glass, method and apparatus for scoring cover. T. G. Weihs, change of name to T. G. White. 2,365,503; Dec. 19.
Glass, Method of and apparatus for drawing sheet. H. L. Halbach, G. D. Campbell, and W. G. Koupal. 2,352,539; June 27.
Glass, Method of and apparatus for producing laminated. F. E. Bartell. 2,355,696; Aug. 15.
Glass, Method of and apparatus for shaping. J. J. Hopfield. 2,348,905; May 16.
Glass, Minus green filter. H. H. Blau. 2,357,994; Sept. 12.
Glass press. R. A. Hinkley and R. L. Meikle. 2,365,955; Dec. 26.
Glass processing machine. D. E. Mulholland. 2,340,201; Jan. 25.
Glass refractor, Activated gauge. R. J. Pelunis. 2,356,267; Aug. 22.
Glass sheets, Bending. J. L. Drake. 2,348,887; May 16.
Glass sheets, Bending. H. G. Orser and W. P. Bamford. 2,357,537; Sept. 5.
Glass, Sight. F. A. Talbot. 2,345,889; Apr. 4.
Glass structures by pressing and blowing operations, Making. E. Schwarz. 2,338,269; Jan. 4.
Glass surfaces, Treatment of. F. W. Adams. 2,348,704; May 16.
Glass transfer mechanism. E. Haub. 2,362,132; Nov. 7.
Glass walled bodies, Cooling. P. H. Craig. 2,357,727; Sept. 5.
Glassware, Apparatus for gauging. W. J. Fedorchak and A. S. Jackson. 2,352,091; June 20.
Glassware, Manufacture of. E. E. Slick. 2,366,066; Dec. 26.
Glassware, Tempering. G. D. Mylchreest. 2,344,630; Mar. 21.
Glassware transferring and conveying apparatus. W. K. Berthold. 2,355,036; Aug. 1.
Glassware, Treatment of. V. Walker. 2,347,011; Apr. 18.
Glassworking apparatus. H. H. Blau and R. W. Kell. 2,357,993; Sept. 12.
Glassworking machine. E. P. Dorman. 2,361,824; Oct. 31.
Glaze, Alkali-resistant. A. J. Deyrup. 2,338,099; Jan. 4.

Glazed ceramic bodies, Manufacture of. G. J. Bair. 2,347,535; Apr. 25.
Gliding unit. F. W. Hall. 2,340,469; Feb. 1.
Glider. R. D. Russell. 2,343,710; Mar. 7.
Glider coupling. J. F. Drescher. 2,356,920; Aug. 29.
Glider, Model airplane. P. K. Guillow. 2,351,504; June 13.
Glider, Weighted. N. E. Walker. 2,364,498; Dec. 5.
Globe. J. D. Kennedy. 2,354,381; July 25.
Globe. D. E. Sites. 2,340,023; Jan. 25.
Globe mounting. R. R. Dupler. 2,343,173; Feb. 29.
Globe, World. W. F. Koch. 2,355,304; Aug. 8.
Glove. P. A. Chanut. 2,356,032; Aug. 15.
Glove. H. Davidsohn. 2,339,251; Jan. 18.
Glove. C. J. Franzl. 2,343,449; Mar. 7.
Glove. T. C. O'Connell. 2,364,749; Dec. 12.
Glove. W. O. Wells, Jr. 2,344,477; Mar. 14.
Glove. G. H. Wheadon. 2,349,533; May 23.
Glove. G. H. Wheadon. 2,359,068; Sept. 26.
Glove, Baseball. H. B. Latina. 2,354,601; July 25.
Glove, Curved. A. H. Mason. 2,343,220; Feb. 29.
Glove, Workman's. S. J. Beebe. 2,357,574; Sept. 5.
Glove, Wrist sprung. K. L. Burgett. 2,344,080; Mar. 14.
Gloves and the like, Knitting. F. S. Gluck. 2,351,756; June 20.
Glow discharge system, Low frequency mobile. H. C. Mettler. 2,354,896; Aug. 1.
Glow discharge tubing and means for mounting the same. H. Epstein. 2,349,255; May 23.
Glow sheet and manufacturing the same, Fluorescent. A. R. Russell. 2,340,227; Jan. 25.
Glow sheet and manufacturing the same, Fluorescent. A. R. Russell. 2,347,285; Apr. 25.
Gluconic acid production. A. J. Moyer. 2,351,500; June 13.
Glucoside, Preparation of cardiac. M. Hartmann and E. Schlittler. 2,346,753; Apr. 18.
Glucosides and making the same. K. Miescher, W. Fischer and J. Heer. 2,351,625; June 20.
Glucosidic compounds and making them. A. Chwala. 2,356,565; Aug. 22.
Glue applicator roll. H. Galber. 2,338,635; Jan. 4.
Glue applying device in gluing machines. G. Maurer. 2,345,991; May 16.
Glue clamp. R. H. Miller. 2,359,235; Sept. 26.
Glue from chrome-tanned leather, Recovery of. Z. Erdeley. 2,349,542; May 23.
Glue from chrome tanned leather, Recovery of. A. Hoeren. 2,339,405; Jan. 18.
Glue spreader, surface coater, and the like. J. E. and R. S. Black. 2,343,363; Mar. 7.
Glue spreader, surface coater, and the like. J. E. Black and R. S. Black. 2,362,238; Nov. 7.
Glue spreading device. V. J. Winkel. 2,359,015; Sept. 26.
Glue spreading machine. F. Fluckinger. 2,359,904; Oct. 10.
Glues, and product produced, Treating resin. L. Bradshaw and C. F. MacLagan. 2,358,683; Sept. 19.
Gluing device. B. E. Richardson. 2,360,582; Oct. 17.
Gluing device for wrapping machines. E. L. Smith and C. Wetsel. 2,342,497; Feb. 22.
Gluing mechanism for box-making machines. C. D. Knowlton. 2,352,720; July 4.
Gluing mechanism for box-making machines. G. S. Sillars. 2,338,138; Jan. 4.
Glutamic acid, Preparation of. P. R. Shildneck. 2,347,220; Apr. 25.
Glycerine aryl methyl ethers. T. W. Evans and K. E. Marple. 2,351,024; June 13.
Glycerine ester of polymerized rosin and making the same, Partial. A. L. Rummelsburg. 2,339,428; Jan. 18.
Glycerine, Recovery of. G. W. Batchelder and R. F. Peterson. 2,363,494; Nov. 28.
Glycerol-ethers and their manufacture. A. Grün. 2,343,053; Feb. 29.
Glycol formals. W. F. Gresham. 2,350,350; June 6.
Glycolide resins, Modified. W. O. Teeters. 2,362,511; Nov. 14.
Glyoxalidines, Substituted. A. L. Wilson. 2,355,837; Aug. 15.
Goal, Basketball. F. Albach and G. R. Chervenka. 2,363,634; Nov. 28.
Goblet, Ice cream. R. D. Bourne. 2,347,658; May 2.
Goggle. A. A. Balanon. 2,356,731; Aug. 29.
Goggle. R. Malcom. 2,364,584; Dec. 5.
Goggle. F. I. Miner. 2,351,358; June 13.
Goggle. F. Stiano. 2,342,766; Feb. 29.
Goggle, Night driving. R. B. Snyder. 2,358,602; Sept. 19.
Goggle, Underwater. R. Malcom. 2,362,917; Nov. 14.
Goggles, Welding. E. Kraski and C. Lutowsky. 3,353,043; July 4.
Gold compounds of the cinchona alkaloids and their derivatives and methods of manufacturing same. A. Rothmann. 2,340,771; Feb. 1.
Golf bag. H. Conklin. 2,358,057; Sept. 12.
Golf ball. H. N. Huse. 2,344,873; Mar. 21.
Golf ball. K. E. Wilhelm. 2,360,090; Oct. 10.
Golf club. M. B. Reach. 2,360,364; Oct. 17.
Golf club. M. B. Reach. 2,361,415; Oct. 31.
Golf club. F. B. Schaffer. 2,346,617; Apr. 11.
Golf club carrier. M. Keim. 2,364,223; Dec. 5.
Golf practising device. M. Westman. 2,338,697; Jan. 11.
Goods, Heating. H. O. Kauffmann and E. S. Shanley. 2,353,615; July 11.
Governing device for engines, especially for the drive of ship screws with variable pitch. H. Kleser. 2,343,378; Mar. 7.
Governing system for prime movers, Hydraulic. A. F. Schwendner. 2,345,297; Mar. 28.
Governor. R. C. Darnell. 2,349,145; May 16.
Governor. R. M. Heintz. 2,344,867; Mar. 21.
Governor. A. F. Hoppe. 2,361,206; Oct. 24.
Governor. A. Kalin. 2,341,384; Feb. 8.
Governor. A. Kalin. 2,344,308; Mar. 14.
Governor. A. Lichte. 2,350,781; June 6.
Governor. M. Mallory. 2,348,362; May 9.
Governor. M. Mallory. 2,359,230; Sept. 26.
Governor. S. M. Udale. 2,356,017; Aug. 15.
Governor and drain valve control apparatus. S. G. Down. 2,347,939; May 2.
Governor and power take-off unit. A. Kalin. 2,364,853; Dec. 12.
Governor apparatus. A. F. Schwendner and J. S. Newton. 2,364,665; Dec. 12.
Governor, Compressor. W. Duckworth. 2,339,384; Jan. 18.
Governor, Engine. M. Mallory. 2,355,881; Aug. 15.
Governor, Engine. M. Mallory. 2,363,887; Nov. 28.
Governor for automotive vehicles, Quick-release speed. E. H. Patrick. 2,342,751; Feb. 29.
Governor for call transmitters, Speed. H. W. Goff, C. R. Moore and O. L. Walter. 2,345,471; Mar. 28.
Governor for heating devices, Air intake. R. Martin. 2,349,876; May 30.
Governor for internal-combustion engines. M. Mallory. 2,359,231; Sept. 26.
Governor having inertia effect, Centrifugal motor speed. J. M. Naul. 2,365,657; Dec. 19.
Governor spring structure. W. E. Benjamin. 2,356,202; Aug. 22.
Governor system for automotive vehicles. M. Mallory. 2,362,655; Nov. 14.
Governor, Window sash. A. L. Ward. 2,361,158; Oct. 24.
Gown, Shoulderless. O. M. Bailey. 2,343,631; Mar. 7.
Grab device. D. T. Hall. 2,362,268; Nov. 7.
Grab for hoisting loads. E. Scharpenberg and H. Bönnhoff. 2,352,017; June 20.
Grab, Stock handling. J. Breslav. 2,362,742; Nov. 14.
Grab, Stock lifting. J. Breslav. 2,358,767; Sept. 19.
Grade crossing gate. S. Miskelly. 2,362,710; Nov. 14.
Grade indicator. W. F. O'Connor. 2,342,518; Feb. 22.
Grader and purifier, Granular material. L. Johnson and M. A. Rieman. 2,353,903; July 18.
Grader, Quality. C. E. Kerr. 2,355,735; Aug. 15.
Grader, Road. C. Kinnan. 2,359,121; Sept. 26.
Grading apparatus. D. S. Glenn. 2,362,130; Nov. 7.
Grading device. S. C. Maurice. 2,363,348; Nov. 21.
Grading machine. J. Gouldbourn. 2,364,708; Dec. 12.
Grading machine. J. Gouldbourn and C. H. Heather. 2,338,283; Jan. 4.
Grading machine. D. Kolleda. 2,355,131; Aug. 8.
Grading machine. C. Maurer. 2,350,691; June 6.
Grading machine. A. G. B. Metcalf. 2,352,850; July 4.
Grading machine. A. G. B. Metcalf. 2,360,884; Oct. 24.
Graduating and engraving machine. H. S. Jonsson. 2,357,117; Aug. 29.
Grain car door. M. I. Beaudine. 2,349,934; May 30.
Grain drill. B. J. Schill. 2,346,459; Apr. 11.
Grain heading machine. J. B. Riddle. 2,340,563; Feb. 1.
Grain processing apparatus. L. E. Egedal. 2,365,179; Dec. 19.
Grain storage bin. A. L. Carbaugh. 2,342,528; Feb. 22.
Grain, Treating. G. A. Brotherton. 2,346,902; Apr. 18.
Grain treating machine. W. J. Williams. 2,360,460; Oct. 17.
Graining ink vehicle. R. A. Swain. 2,352,810; July 4.
Grains, Peeling. W. W. Loewy. 2,355,810; Aug. 15.
Gramicidin, Isolation of. M. Tishler. 2,365,499; Dec. 19.
Gramophone pickup arm. R. E. Martin. 2,356,467; Aug. 22.
Granular light building substances, Making. C. Fabritz. 2,341,605; Feb. 15.
Granular material and making the same. C. L. Jewett. 2,362,489; Nov. 14.
Granular materials, Injection molding. W. R. Tucker. 2,359,013; Sept. 26.
Granular materials, Measurement of moisture content in. R. L. Stevens. 2,343,340; Mar. 7.
Granular silicate compositions. C. C. Winding. 2,359,346; Oct. 3.
Granular support. A. V. Sims. 2,364,395; Dec. 5.
Granules, Making roofing. S. G. Wright. 2,344,073; Mar. 14.
Graphite recovery. T. D. Johnson, Jr., and R. G. Woodbridge, Jr. 2,342,585; Feb. 22.
Grapple. M. B. Branden. 2,346,901; Apr. 18.
Grapple. D. H. Mitchell. 2,363,076; Nov. 21.
Grapple. R. Wrobbel. 2,342,506; Feb. 22.
Grapple, Hoist. W. M. Grigsby. 2,364,897; Dec. 12.
Grapple weight for aerial warfare. L. L. Cotton. 2,360,332; Oct. 17.
Grappling hook. R. R. Royal, F. F. Hayes, R. E. Berggren, and J. B. Temple. 2,364,316; Dec. 5.

Grass or leguminous fodder with nontoxic corrosion inhibitor. Acidulated. E. Cox. 2,354,417; July 25.
Grass receptacle. J. D. Lathrop. 2,361,637; Oct. 31.
Grass stripper. E. M. Dowd and C. S. Johnston. 2,351,412; June 13.
Grate. F. R. Schrage. 2,361,796; Oct. 31.
Grate bar. A. E. Binder. 2,365,933; Dec. 26.
Grate, Filling fork. Q. M. Hancock. 2,363,460; Nov. 21.
Grate for boilers, furnaces and the like. G. G. Marx. 2,349,448; May 23.
Grate for stokers, Traveling. R. L. Beers. 2,356,144; Aug. 22.
Grate for stoves, Basket. S. A. Burnett. 2,365,391; Dec. 19.
Grate shaking mechanism. J. J. Kacena and E. E. Kelly. 2,341,790; Feb. 15.
Grate structure. G. C. Keown. 2,346,586; Apr. 11.
Grater and operating means therefor. I. S. Swint. 2,360,804; Oct. 17.
Grater for removing and flaking edible rinds. E. Prinz. 2,342,892; Feb. 29.
Grater, Vegetable. J. Weigratz. 2,347,383; April 25.
Grating. H. H. Bunker. 2,356,502; Aug. 22.
Grating panel, Interlocking. C. N. Wilson. 2,365,233; Dec. 19.
Grave box cover applying and removing tool. W. H. Cawood. 2,338,232; Jan. 4.
Grave marker. J. A. Hogsten and C. D. McMillin. 2,358,009; Sept. 12.
Gravel packing. W. A. Clark. 2,360,200; Oct. 10.
Gravel packing of wells. M. Williams. 2,365,033; Dec. 12.
Graving dock and construction. J. G. McKensie. 2,340,005; Jan. 25.
Graving drydock and construction. F. B. Harris. 2,338,110; Jan. 4.
Gravity feed animal feeder. E. S. Lee. 2,362,078; Nov. 7.
Gravity feed oiler. O. H. Jung. 2,347,112; Apr. 18.
Gravity meter. D. H. Clewell and H. A. Maeder. 2,355,421; Aug. 8.
Gravity meter. A. Graf. 2,351,955; June 20.
Gravity meter. J. M. Ide. 2,341,323; Feb. 8.
Gravity operated electric switch. H. M. Salmond and A. Mathisen. 2,353,764; July 11.
Gravity spent beer screen. J. C. Hoff. 2,341,274; Feb. 8.
Grease. E. W. Adams, L. C. Brunstrum, and G. W. Flint. 2,341,134; Feb. 8.
Grease and oils, Treating articles for removing. P. I. Geiringer. 2,348,465; May 9.
Grease composition. J. C. Zimmer and A. J. Morway. 2,350,544; June 6.
Grease dispensing apparatus. J. D. Morgan and T. Anderson. 2,343,154; Feb. 29.
Grease disposal means for cooking surfaces. A. L. Lang. 2,362,757; Nov. 14.
Grease-knife cleaner. C. M. Andrews. 2,338,392; Jan. 4.
Grease, Low temperature. R. A. Gerlicher and J. H. Bannon. 2,356,313; Aug. 22.
Grease, Low temperature. R. W. McOmie and H. A. Woods. 2,339,715; Jan. 18.
Grease preparation. A. J. Morway and J. C. Zimmer. 2,339,873; Jan. 25.
Grease separator. H. M. Ross. 2,338,971; Jan. 11.
Greases against oxidation, Stabilization of lubricating. H. M. Fraser and T. A. Maxwell. 2,361,391; Oct. 31.
Greasing agent. G. Lietz. 2,350,782; June 6.
Greenhouse. C. R. Brown. 2,350,721; June 6.
Greenhouse equipment. L. J. Hebert. 2,343,010; Feb. 29.
Grenade, Demolition. J. B. Decker and M. Eichschmidt. 2,356,380; Aug. 22.
Grenade, Hand. G. Cardini and W. H. Davis. 2,365,246; Dec. 19.
Grenade, Hand. W. Kula. 2,358,647; Sept. 19.
Grenade launcher. W. T. Moore. 2,339,285; Jan. 18.
Grenade magazine attachment for service rifles. J. H. Pearson. 2,365,586; Dec. 19.
Grid. W. J. Knochel and J. H. Cone. 2,352,208; June 27.
Grid, Adjustable broiler. P. R. Samwell and W. A. Pentecost. 2,344,174; Mar. 14.
Grid and leverage ice release, Flexible. L. L. Mallard. 2,360,251; Oct. 10.
Grid assembly structure. Z. J. Atlee. 2,358,200; Sept. 12.
Grid construction. V. H. Van Sant. 2,345,641; Apr. 4.
Grid device. C. Herzog. 2,347,262; Apr. 25.
Grid, Ice tray. F. R. Miller and G. Roud. 2,343,018; Feb. 29.
Grid support. W. J. Farrell. 2,351,415; June 13.
Griddle plate. E. A. Jones. 2,351,130; June 13.
Grill. A. L. Greenlaw. 2,341,439; Feb. 8.
Grille, Diffusion. H. F. Fischer, Jr. 2,339,629; Jan. 18.
Grille of the impingement type. H. Schumann. 2,339,796; Jan. 18.
Grinder. D. H. Montgomery and L. R. Kirk. 2,364,804; Dec. 12.
Grinder. R. W. Stevenson. 2,339,961; Jan. 25.
Grinder. J. G. Zummach. 2,341,068; Feb. 8.
Grinder and homogeniser, Combination. E. G. Eppenbach. 2,357,440; Sept. 5.
Grinder and juicer. A. Krueger. 2,358,170; Sept. 12.
Grinder attachment. C. A. Olson, C. V. Lisle, and T. H. Brooks. 2,356,175; Aug. 22.
Grinder, Collet and rod. J. and H. Turenchalk. 2,359,594; Oct. 3.
Grinder guard. P. Brown. 2,358,959; Sept. 26.
Grinder head appurtenance. L. Ilmer and V. R. Pallas. 2,365,640; Dec. 19.
Grinder machine reeling system. L. Ilmer and V. R. Pallas. 2,343,460; Mar 7
Grinder, Rail. H. H. Talboys and H. E. Erickson. 2,364,879; Dec. 12.
Grinder, Surface. F. S. Haas, Carl O. Graves, and A. C. Janke. 2,360,671; Oct. 17.
Grinder, Twist drill. E. C. Clarke. 2,363,482; Nov. 28.
Grinding. G. D. Schoger. 2,341,820; Feb. 15.
Grinding and classifying apparatus. A. C. Hobbie. 2,339,568; Jan. 18.
Grinding and polishing machine. J. Desenberg. 2,352,146; June 20.
Grinding and polishing machine. L. L. Hercik. 2,349,964; May 30.
Grinding apparatus. L. W. Enholm. 2,353,956; July 18.
Grinding apparatus. A. E. Hamilton. 2,340,121; Jan. 25.
Grinding apparatus. A. E. Hamilton. 2,358,572; Sept. 19.
Grinding apparatus and method. T. C. Shutt and L. J. Steiner. 2,365,302; Dec. 19.
Grinding element. E. A. Koether. 2,358,861; Sept. 26.
Grinding fixture. J. Bochenek. 2,343,637; Mar. 7.
Grinding machine. M. Ahnert. 2,350,710; June 6.
Grinding machine. M. H. Arms. 2,354,296; July 25.
Grinding machine. M. N. Beresny. 2,364,506; Dec. 5.
Grinding machine. O. R. Briney, Jr. 2,347,766; May 2.
Grinding machine. W. L. Carson. 2,359,969; Oct. 10.
Grinding machine. L. W. Curry. 2,363,946; Nov. 28.
Grinding machine. C. G. Flygare and W. H. Wood. 2,357,510; Sept. 5.
Grinding machine. B. Ford. 2,353,131; July 11.
Grinding machine. W. F. Fraser. 2,345,190; Mar. 28.
Grinding machine. W. F. Fraser. 2,357,584; Sept. 5.
Grinding machine. J. I. Garside. 2,356,394; Aug. 22.
Grinding machine. J. I. Garside. 2,360,120; Oct. 10.
Grinding machine. E. A. Hall and R. S. Beverlin. 2,338,509; Jan. 4.
Grinding machine. W. C. Heath. 2,357,109; Aug. 29.
Grinding machine. R. D. Heffelfinger. 2,363,128; Nov. 21.
Grinding machine. F. J. Horton. 2,350,234; May 30.
Grinding machine. M. Jellis. 2,360,235; Oct. 10.
Grinding machine. E. C. Krueger. 2,361,550; Oct. 31.
Grinding machine. A. D. Missy. 2,358,584; Sept. 19.
Grinding machine. W. M. Poison. 2,342,689; Feb. 29.
Grinding machine. J. E. Poorman. 2,343,577; Mar. 7.
Grinding machine. E. Schottland. 2,351,881; June 20.
Grinding machine. W. G. Wessman. 2,362,873; Nov. 14.
Grinding machine. S. E. Woodbury and S. E. Woodbury, Jr. 2,340,096; Jan. 25.
Grinding machine and method. A. K. Selnes. 2,363,559; Nov. 28.
Grinding machine, External-internal cylindrical. C. G. Flygare and H. A. Silven. 2,344,242; Mar. 14.
Grinding machine, External-internal cylindrical. J. I. Garside. 2,352,428; June 27.
Grinding machine, Precision. E. C. Shugars. 2,343,811; Mar. 7.
Grinding-machine shoulder grinding apparatus. J. I. Garside. 2,342,854; Feb. 29.
Grinding machine, Vertical internal. G. F. Wittman. 2,353,379; July 11.
Grinding machine work sizing mechanism. C. G. Flygare and F. A. Helstrom. 2,361,833; Oct. 31.
Grinding machine workhead. C. G. Flygare and H. A. Silven. 2,344,243; Mar. 14.
Grinding mill. L. Dotzer. 2,344,504; Mar. 21.
Grinding mill. L. Dotzer. 2,356,753; Aug. 29.
Grinding mill. W. B. Marshall. 2,360,357; Oct. 17.
Grinding or polishing machine. P. S. Newswanger. 2,365,584; Dec. 19.
Grinding tool. R. S. Beverlin. 2,338,484; Jan. 4.
Grinding tool for reseating gate valves. J. C. Hendrick. 2,351,124; June 13.
Grinding wheel dresser. J. Sneed. 2,350,937; June 6.
Grinding wheel feeding mechanism. C. G. Flygare and W. F. Johnson. 2,349,786; May 23.
Grinding wheel form dresser. W. F. Dalsen. 2,341,022; Feb. 8.
Grinding wheel tool. G. J. Beaudet. 2,344,385; Mar. 14.
Grinding wheels, Dressing. W. F. Ross. 2,347,283; Apr. 25.
Grinding wheels, Method and apparatus for dressing. E. Wildhaber and A. L. Stewart. 2,366,139; Dec. 26.
Grip for balloon flying and other cables, Terminal connecting. E. G. Cleverly. 2,348,608; May 9.
Grip for clubs. T. S. Park. 2,357,491; Sept. 5.
Grip for life saving devices, Automatic. J. Frankel. 2,339,328; Jan. 18.
Grip or container vehicle. A. Sestan. 2,344,272; Mar. 14.
Gripper mechanism. W. H. Wise and A. A. Saul. 2,339,310; Jan. 18.
Gripping and handling clamp, Double-jawed work. J. S. Hazouri and C. O. Barnes. 2,353,032; July 4.

Gripping and releasing device. C. L. Walker. 2,344,067; Mar. 14.
Gripping and supporting device suitable for supporting vehicle wheels. H. Merrett. 2,351,355; June 13.
Gripping device. R. G. Jackson. 2,345,604; Apr. 4.
Grommet. F. E. McGee. 2,346,854-5; Apr. 18.
Grommet. L. G. Webster and F. J. Rees. 2,355,126; Aug. 8.
Grooming kit. H. Chrisman. 2,338,836; Jan. 11.
Groove adjuster and push retainer, Weatherstrip. J. P. Glaser and L. E. Willett. 2,345,806; Apr. 4.
Groove drilling machine. W. G. Greve. 2,362,264; Nov. 7.
Groove dressing tool. H. H. Johnson. 2,344,880; Mar. 21.
Grooving tool. C. L. Haynes. 2,365,549; Dec. 19.
Ground stake. G. Potstada. 2,349,110; May 16.
Ground treating tool. C. C. Taylor. 2,361,886; Oct. 31.
Ground working and soil pulverizing machine, Combined. J. E. Bryant. 2,343,396; Mar. 7.
Grouting system. R. L. Allin. 2,341,518; Feb. 15.
Growing plants with solutions, Method and composition of. T. E. Borst. 2,350,982; June 13.
Guanamines, Preparing. W. N. Oldham. 2,344,784; Mar. 21.
Guanidine and biguanide salts, Producing substituted. W. P. Ericks. 2,350,453; June 6.
Guano distributor. C. W. Todd. 2,338,882; Jan. 11.
Guard. J. P. Barry and C. C. Avery. 2,356,198; Aug. 22.
Guard and screen, Window. E. H. Lunken. 2,355,170; Aug. 8.
Guard, Cable. R. T. Parker. 2,363,353; Nov. 21.
Guard, Chipper. H. Brewer. 2,347,878; May 2.
Guard, Fish. J. L. Brickley. 2,338,487; Jan. 4.
Guard for electric switch levers. A. W. Krieger. 2,348,393; May 9.
Guard for glass coffee makers. G. A. Charleston. 2,339,459; Jan. 18.
Guard for looms, Selvedge. L. Holloway. 2,344,407; Mar. 14.
Guard for sewing machine operators, Face. J. F. Imberman. 2,338,331; Jan. 4.
Guard for ships and the like. G. C. Fuller. 2,365,066; Dec. 12.
Guard, Knife. E. Roth. 2,352,013; June 20.
Guard, Limb. V. Giardini. 2,338,424; Jan. 4.
Guard, Machine. T. A. Columbe. 2,364,193; Dec. 5.
Guard plate for mowers. H. Flohr, Jr. 2,355,063; Aug. 8.
Guard, Saw. H. E. Tauts. 2,352,235; June 27.
Guard, Thumb. L. R. McGinnis. 2,357,413; Sept. 5.
Guard, Tool. K. F. Moller. 2,351,143; June 13.
Guide. J. E. Ashworth. 2,365,322; Dec. 19.
Guide and regulator assembly, Vehicle window. B. S. Florsday. 2,366,092; Dec. 26.
Guide, Band-tool. H. Testo. 2,355,602; Aug. 8.
Guide bushing for drills. R. T. Boye. 2,363,085; Nov. 21.
Guide device. P. Schnitzer. 2,342,700; Feb. 29.
Guide, Drill. J. I. Ellerstein. 2,360,942; Oct. 24.
Guide for cup feed sewing machines, Uncurler. F. A. Kucera and R. Brock. 2,339,574; Jan. 18.
Guide for ejector rods. H. R. Fischer. 2,342,928; Feb. 29.
Guide for engraving machines, Forming. A. L. Woody. 2,359,704; Oct. 3.
Guide for fishing poles. W. H. Stenz. 2,360,802; Oct. 17.
Guide for sewing machines, Uncurling. H. Hacklander. 2,352,430; June 27.
Guide frame for storm window, window screen, or like inserts. E. S. Leacy. 2,342,614; Feb. 22.
Guide rail for rolling doors. N. Michelman. 2,350,288; May 30.
Guide, Simplex street. H. Meyer and E. M. Spiegel. 2,342,004; Feb. 15.
Guide, Stamp removal. C. N. Otte. 2,355,552; Aug. 8.
Guide, Wire line. C. S. Crickmer. 2,347,885; May 2.
Guider for traveling stock. R. Hetherington. 2,339,266; Jan. 18.
Guiding and feeding device for ironers. H. M. Rumbaugh. 2,338,601; Jan. 4.
Guiding and releasing device for sliding hoods of airplanes. M. J. O. Lobelle. 2,361,113; Oct. 24.
Guiding unit for reproducing machines. F. C. Geibig. 2,349,954; May 30.
Guiding unit, Reproducing machine. F. B. Johnson. 2,349,955; May 30.
Gum base, Chewing. F. W. Corkery and S. G. Burroughs. 2,357,811; Sept. 12.
Gum, Engraver's. E. A. Sprigg and E. O. Macy. 2,358,189; Sept. 12.
Gum massaging and tooth polishing appliance. L. L. Fuller. 2,364,205; Dec. 5.
Gun. W. T. Gorton. 2,353,722; July 18.
Gun. J. M. Grigg. 2,339,331; Jan. 18.
Gun. J. Lemberg. 2,363,878; Nov. 28.
Gun. H. Schirokauer. 2,353,118; July 4.
Gun. W. Summerbell. 2,342,705; Feb. 29.
Gun. J. C. Trotter. 2,339,227; Jan. 11.
Gun, Abrasive. N. J. Quinn. 2,341,569; Feb. 15.
Gun actuator. J. G. Méjean. 2,341,641; Feb. 15.
Gun adapter, Spray. T. E. Cook. 2,339,370; Jan. 18.
Gun ammunition magazine. E. M. Bertran and R. N. Lesnick. 2,364,510; Dec. 5.
Gun and ammunition. M. L. Dodge and W. V. Baker. 2,353,816; July 18.
Gun, Antiaircraft. P. J. Bohan. 2,338,682; Jan. 4.
Gun, Anti-aircraft. J. A. Veit. 2,352,577; June 27.
Gun, Automatic. J. Dobremysl. 2,365,459; Dec. 19.
Gun, Automatic. P. R. Higson. 2,347,559; Apr. 25.
Gun barrel. W. Born. 2,345,089; Mar. 28.
Gun barrel. W. M. Fay. 2,361,932; Nov. 7.
Gun barrel, Air-cooled. N. L. Vinson. 2,363,563; Nov. 28.
Gun barrel lock. H. Schirokauer. 2,345,833; Apr. 4.
Gun barrels, Manufacture of rifled. W. C. Rickrode. 2,345,359; Mar. 28.
Gum bases, Preparing chewing. C. E. Hartwig and B. N. Lougovoy. 2,344,916; Mar. 21.
Gun, Bubble. C. H. Hagopian. 2,366,103; Dec. 26.
Gun carriage. P. Kiang. 2,344,252; Mar. 14.
Gun carriage. J. M. J. Riboud. 2,361,570; Oct. 31.
Gun, Clay. W. R. Brown and N. A. Graveson. 2,364,513; Dec. 5.
Gun control mechanism. P. T. Tucker and W. C. Casson. 2,366,072; Dec. 26.
Gun controlling apparatus and the like. F. G. Logan. 2,362,650; Nov. 14.
Gun, Dust. R. J. White. 2,355,127; Aug. 8.
Gun, Electrically operated. G. R. Severance. 2,340,991; Feb. 8.
Gun elevating mechanism. R. J. Lennon and S. G. Green. 2,346,172; Apr. 11.
Gun fire control. R. N. Lesnick. 2,349,101; May 16.
Gunfire control system. J. Dugan. 2,363,948; Nov. 28.
Gun, Flare. A. C. Dunn. 2,340,047; Jan. 25.
Gun, Flow. J. S. Stewart. 2,363,023; Nov. 21.
Gun hand guard. M. Winer. 2,341,585; Feb. 15.
Gun handle. G. Hohwart. 2,345,749; Apr. 4.
Gun having sliding and interchangeable barrel. K. Kehne. 2,345,127; Mar. 28.
Gun having sliding barrel, Automatic. W. Rossmanith. 2,344,109; Mar. 14.
Gun installation. W. B. Klemperer. 2,359,994; Oct. 10.
Gun loading mechanism. C. P. Caulkins. 2,350,493; June 6.
Gun mechanism, Automatic. H. A. Elane. 2,345,736; Apr. 4.
Gun mount. J. M. Colby. 2,342,644; Feb. 29.
Gun mount. J. M. Colby. 2,356,751; Aug. 29.
Gun mount. J. M. Colby. 2,360,850; Oct. 24.
Gun mount. A. C. Hake. 2,345,747; Apr. 4.
Gun mount. V. F. Lucht. 2,346,692; Apr. 18.
Gun mount. J. C. Trotter. 2,339,226; Jan. 11.
Gun mount, Flexible. J. C. Parkin and B. G. Eaton. 2,362,023; Nov. 7.
Gun mounting. A. G. Frazer-Nash. 2,347,406; Apr. 25.
Gun mounting. H. Scott-Paine. 2,358,105; Sept. 12.
Gun mounting. G. S. Selman. 2,344,566; Mar. 21.
Gun mounting. J. Vesely. 2,347,443; Apr. 25.
Gun mounting for airplanes. J. Martin. 2,350,122; May 30.
Gun mounting with shock absorber. A. Dewandre. 2,342,727; Feb. 29.
Gun, Multicharge. L. Francis. 2,360,217; Oct. 10.
Gun operation signal mechanism. R. N. Lesnick. 2,349,182; May 16.
Gun, Paper breaking. O. A. Langos. 2,355,595; Aug. 8.
Gun perforation in wells. E. F. Raymond. 2,346,233; Apr. 11.
Gun perforator. G. F. Turechek. 2,357,564; Sept. 5.
Gun, Perforator. G. F. Turechek. 2,358,951; Sept. 26.
Gun perforator. G. F. Turechek. 2,360,024; Oct. 10.
Gun perforator device. C. H. Keplinger. 2,344,778; Mar. 21.
Gun perforators, Method of and apparatus for firing. R. M. Otis. 2,356,082; Aug. 15.
Gun, Pneumatic. W. B. Hale. 2,357,951; Sept. 12.
Gun, Portable grenade. C. F. Shaffer, H. J. Fanger, and H. Gruenhagen. 2,353,971; July 18.
Gun, Powder. L. Mandiak. 2,349,875; May 30.
Gun rammer. L. A. Trofimov. 2,346,877; Apr. 18.
Gun sight. H. L. Barsalou. 2,347,655; May 2.
Gun sight. J. W. French. 2,360,768; Oct. 17.
Gun sight. B. L. Gorman. 2,353,133; July 11.
Gun sight. O. F. Marston. 2,355,920; Aug. 15.
Gun sight. C. E. Rodney. 2,343,802; Mar. 7.
Gun sight. E. P. Ross. 2,339,521; Jan. 18.
Gun sight and mounting. F. M. Smith. 2,345,363; Mar. 28.
Gun sight, Automatic overlead. M. L. Moremen. 2,365,144; Dec. 12.
Gun sight, Automatically compensating. L. W. Greenblatt, Jr., and G. T. Bixby. 2,363,523; Nov. 28.
Gun-sight interpupillary adjustment. A. Corte and L. B. Browder. 2,342,843; Feb. 29.
Gun sight mounting. W. H. D'Ardenne. 2,343,863; Mar. 14.
Gun sight mounting. M. W. Tucker. 2,359,693; Oct. 3.
Gun sling. H. P. Smith. 2,357,363; Sept. 5.
Gun, Spray. H. C. Stockdale. 2,362,946; Nov. 14.
Gun stabilizer. A. M. Dow. 2,348,114; May 2.
Gun trail. S. Woloszyn. 2,357,372; Sept. 5.
Gun turret. A. Corte. 2,362,887; Nov. 14.
Gun turret. A. Corte. 2,364,425; Dec. 5.
Gun turret. C. G. Fogle. 2,345,740; Apr. 4.
Gun turret, Antiaircraft. H. M. Pfiager. 2,363,356; Nov. 21.

Gun turret mounting. A. Corte. 2,364,951; Dec. 12.
Gun, Welding. G. A. Hughes. 2,342,144; Feb. 22.
Gun, Welding. W. A. Weightman. 2,341,133; Feb. 8.
Gun with improved projectile restraining means, Perforator. I. J. McCullough. 2,349,666; May 23.
Gunner's warning panel and lamp system. C. L. Paulus and R. K. Stout. 2,361,412; Oct. 31.
Gutter circles, Making. M. Rachlin. 2,365,972; Dec. 26.
Gutter hanger. T. L. Scott. 2,349,467; May 23.
Gyrating mechanism, Adjustable throw. L. Teplow. 2,349,778; May 23.
Gyro. R. M. Heints. 2,358,927; Sept. 26.
Gyro erecting mechanism. V. R. Kimball. 2,351,619; June 20.
Gyro, Horizon. B. G. Carlson. 2,344,126; Mar. 14.
Gyro, Horizon. B. G. Carlson. 2,348,604; May 9.
Gyro magnetic compass system. L. F. Carter and F. West, Jr. 2,363,500; Nov. 28.
Gyrocompass. O. E. Esval. 2,342,655; Feb. 29.
Gyroscope and follow-up, Directional. E. F. Chandler. 2,360,398; Oct. 17.
Gyroscope, Directional. M. F. Bates. 2,363,495; Nov. 28.
Gyroscope, Directional. L. F. Beach, O. E. Esval, and A. W. Lane. 2,360,191; Oct. 10.
Gyroscope erecting device. F. R. Sias. 2,339,606; Jan. 18.
Gyroscope erector, Stable. A. Hansen, Jr. 2,360,339; Oct. 17.
Gyroscope for automatic steering, Angular rate. G. Wünsch, A. Kronenberger, and K. Bauer. 2,345,169; Mar. 28.
Gyroscope system. A. M. Fedde. 2,350,303; May 30.
Gyroscopes, Erecting device for directional. W. R. Weems. 2,348,235; May 9.
Gyroscopic apparatus. H. C. Pritchard and J. W. Barnes. 2,340,758; Feb. 1.
Gyroscopic centralizing and caging device. O. E. Esval and J. Freitag. 2,348,731; May 16.
Gyroscopic device. B. Rybka. 2,344,112; Mar. 14.
Gyroscopic erection device. L. F. Carter. 2,356,749; Aug. 29.
Gyroscopic instrument. A. Raspet. 2,349,757–8; May 23.
Gyroscopic instrument. K. Schulze. 2,365,439; Dec. 19.
Hack saw blade. W. H. Shortell. 2,365,301; Dec. 19.
Hack saw machine, Power-driven. O. M. Jensen. 2,345,251; Mar. 28.
Hackamore bosal bit, Convertible. F. A. Ray. 2,349,375; May 23.
Hairbrush cover. J. J. Cosin. 2,363,647; Nov. 28.
Hair-brush, Spiral. F. H. Lotters. 2,343,782; Mar. 7.
Hair curler. W. Arbuckle. 2,357,865; Sept. 12.
Hair curling and wave device. H. C. Whittaker. 2,349,895; May 30.
Hair curling apparatus. C. Hussman and W. E. Brill. 2,359,916; Oct. 10.
Haircutting device. A. Horowitz and A. van Dam. 2,343,553; Mar. 7.
Hair cutting guide. Z. L. Wiles. 2,347,587; Apr. 25.
Hair dressing device. E. R. Conklin. 2,342,331; Feb. 22.
Hair drier. R. M. Coventry. 2,346,558; Apr. 11.
Hair drier. W. W. Gripp. 2,340,185; Jan. 25.
Hair, Dyeing. J. W. Creiup. 2,359,783; Oct. 10.
Hair, Dyeing of. W. F. Van Riper and W. J. Zinck. 2,338,745–6; Jan. 11.
Hair net and the like, Machine made. R. Shaw. 2,346,796; Apr. 18.
Hair ornament. G. N. Bolinger. 2,357,871; Sept. 12.
Hairpin. H. J. Vigneault. 2,361,335; Oct. 24.
Hairpin dispenser. J. C. Morrell. 2,340,894; Feb. 8.
Hairpins, Machine for producing. A. C. Day. 2,339,462; Jan. 18.
Hair waving. H. Martin. 2,350,178; May 30.
Half-cells for making potential measurements in substances. S. Ewing. 2,338,713; Jan. 11.
Halides, Preparation of alicyclic-alkyl. R. P. Perkins. 2,355,586; Aug. 8.
Halides, Preparing anhydrous hydrogen. A. I. Gebhart. 2,339,350; Jan. 18.
Halides, Purification of liquid. A. Pechukas. 2,345,214; Mar. 28.
Halides, Stabilization of unsaturated. W. Engs. 2,341,140; Feb. 8.
Halides, Treatment of vinyl type. H. de V. Finch and K. E. Marple. 2,354,512; July 25.
Halobutenes, Stabilization of. R. C. Morris and E. C. Shokal. 2,355,319; Aug. 8.
Halogen-containing products, Heat-stabilized high-polymer. H. Fikentscher. 2,365,400; Dec. 19.
Halogen derivatives, Water-soluble polyvinyl. W. H. Wood. 2,342,175; Feb. 22.
Halogen methyl compounds of sulphonamides and sulphonhydrazides and a process of preparing them. L. Orthner, G. Balle, and H. Schild. 2,349,912; May 30.
Halogenated aromatic compounds, Recovery of. A. S. Brunjes. 2,342,838; Feb. 29.
Halogenated compound and apparatus containing it, Stabilized. D. A. McLean. 2,339,091; Jan. 11.
Halogenation of cyclopentane hydrocarbons. W. A. Bailey, Jr., and S. H. McAllister. 2,342,072; Feb. 15.
Halogenation process. C. E. Hemminger. 2,353,563; July 11.
Halo-nitro-alkanes, Production of. H. Dreyfus. 2,345,701; Apr. 4.
Haloprenes, Accelerating the polymerization of. M. A. Youker. 2,365,035; Dec. 12.
Halosteroid and preparation of the same. R. E. Marker and H. M. Crooks, Jr. 2,343,311; Mar. 7.
Halosteroids and preparation of the same. R. E. Marker and H. M. Crooks, Jr. 2,359,772; Oct. 10.
Ham pumping. C. T. Walter. 2,346,953; Apr. 18.
Hammer. M. O. Owens. 2,340,140; Jan. 25.
Hammer, Hydraulically operated drop. R. L. Alcorn, Jr. 2,345,563; Apr. 4.
Hammer mechanism. J. C. Garand. 2,352,191; June 27.
Hammer mill. G. L. Rench and M. E. Ginaven. 2,360,892; Oct. 24.
Hammer, Pile. N. G. Bell. 2,346,894; Apr. 18.
Hammer, Power. G. Pinassa. 2,350,921; June 6.
Hammer, Soft. F. A. Gallant. 2,355,641; Aug. 15.
Hammock. B. Q. Jones. 2,348,217; May 9.
Hammock, Canopy. E. Charlop. 2,353,220; July 11.
Hammock, Portable. C. F. Benjamin. 2,347,656; May 2.
Hand and hydraulic valve operator, Combined. R. Fennema, E. P. De Craene, C. A. Dopp and F. R. Fenton. 2,348,460; May 9.
Hand and pinion remover. G. D. Gustafson. 2,349,497; May 23.
Hand and power steering mechanism. A. V. Walker. 2,362,178; Nov. 7.
Hand, Artificial. B. G. Pecorella. 2,364,313; Dec. 5.
Handbag. A. Immordino. 2,351,341; June 13.
Handbag, Lady's. R. Appel. 2,349,926; May 30.
Handbag, Lady's. S. M. Henke. 2,365,617; Dec. 26.
Handbag or the like. M. Greenfield. 2,355,155; Aug. 8.
Hand beading tool. J. W. Baldwin. 2,347,390; Apr. 25.
Handcuff. F. V. Forsell. 2,344,348; Mar. 14.
Hand loom. R. C. Jones and W. B. Craft. 2,350,167; May 30.
Hand-operated boat hoist. E. B. Thompson. 2,346,119; Apr. 4.
Handpiece. W. W. Elliott. 2,342,610; Feb. 22.
Handpiece for billiard cues and the like. F. W. Stapff. 2,352,294; June 27.
Hand press for affixing seals. W. Stelzer. 2,343,339; Mar. 7.
Hand sanding machine. J. L. Brickley. 2,357,166; Aug. 29.
Handset telephone mounting. H. F. Obergfell. 2,355,464; Aug. 8.
Hand-supported liquid dispensing pad. C. C. Harris. 2,356,722; Aug. 22.
Hand telephone mounting. O. W. Henrikson. 2,351,125; June 13.
Hand tool. A. Carlin. 2,358,142; Sept. 12.
Hand tool. J. V. Larson. 2,351,821; June 20.
Hand truck. G. Slingsby. 2,360,799; Oct. 17.
Hand wheel. M. M. Rubens. 2,365,359; Dec. 19.
Hand wheel for valves and the like. G. F. Parkin and L. A. Brown. 2,347,634; Apr. 25.
Handkerchief packet. D. S. Warner. 2,348,041; May 2.
Handle: *See*—
Automobile door handle. Latch handle.
Casket handle. Milk pail handle.
Control handle. Outside door handle.
Door handle. Pail handle.
Electric welding handle. Stamped metal outside
Flashlight handle. handle.
Flush type door handle. Tool handle.
Gun handle.
Handle. R. S. Johnson. 2,342,405; Feb. 22.
Handle. J. E. Socke. 2,364,105; Dec. 5.
Handle and latch, Box. W. Trogman. 2,344,009; Mar. 14.
Handle assembly. L. R. Rhein. 2,345,685; Apr. 4.
Handle assembly. E. G. Simpson. 2,345,075; Mar. 28.
Handle assembly for electrical devices. J. Churchward. 2,357,457; Sept. 5.
Handle attaching device. H. L. Mekelburg. 2,361,559; Oct. 31.
Handle-bar cushion structure. F. W. Schwinn. 2,341,821; Feb. 15.
Handle bar, Cushioned. F. W. Schwinn. 2,349,762; May 23.
Handlebar, Cushioned. F. W. Schwinn. 2,358,737–8; Sept. 19.
Handle-bar stem. F. W. Schwinn. 2,357,553; Sept. 5.
Handle for containers, Folding. S. T. Howard. 2,364,073; Dec. 5.
Handle for electric appliances. C. H. Taylor. 2,338,554; Jan. 4.
Handle for mattresses and cushions. M. Bechik. 2,355,200; Aug. 8.
Handle for mattresses and the like. M. Bechik. 2,359,193; Sept. 26.
Handle for open vessels, Detachable. J. H. Reichart. 2,362,720; Nov. 14.
Handle for pneumatic and electric portable drills, Pressure. J. T. Richards. 2,362,929; Nov. 14.
Handle for saws and the like. L. C. Barland. 2,361,256; Oct. 24.
Handle for trucks, Detachable. E. Y. Mann. 2,339,646; Jan. 18.
Handle for vehicle doors. B. S. Floraday. 2,355,791; Aug. 15.
Handle lock. H. E. Johnson. 2,359,117; Sept. 26.

Handle or the like, Door. I. S. Keeler. 2,355,978; Aug. 15.
Handle retaining fixture. R. R. Hart. 2,348,902; May 16.
Handled band, Endless self-clamping. J. H. Reichart. 2,361,417; Oct. 31.
Handling and making machine, Parts. L. Edelmann and T. T. Tobin. 2,361,091; Oct. 24.
Handling device. L. E. Deloghia. 2,344,940; Mar. 28.
Handling device, Cargo. C. Christoffersen. 2,354,182; July 25.
Handling device, Cover and can. W. S. Campbell. 2,351,806; June 20.
Handling means for use upon and in conjunction with printing and labeling machines, Automatic. F. Shurley. 2,363,698; Nov. 28.
Hanger: *See*—
Adjustable clothes hanger. Hat hanger.
Adjustable picture hanger. Insulated hanger.
Adjustable pipe hanger. Liner hanger.
Battery hanger. Necktie hanger.
Brake hanger. Pipe hanger.
Clothes hanger. Plate hanger.
Clothes or garment hanger. Sliding door hanger.
Coat hanger. Stair rail bracket hanger.
Cylindrical work hanger. Telephone handset hanger.
Garment hanger. Tool hanger.
Gutter hanger. Trouser hanger.
Hanger bracket for swings. F. L. Dahleen. 2,341,210; Feb. 8.
Hanger fastening means, Detachable. A. A. Ritter. 2,346,873; Apr. 18.
Hanger for trolley wires, Span. S. S. Matthes. 2,348,918; May 16.
Hardener for formaldehyde-urea adhesives, Delayed-acting. W. C. Dearing. 2,348,244; May 9.
Hardeners for photographic processing solutions. C. J. Staud and C. S. Popper. 2,356,477; Aug. 22.
Hardening contiguous areas. F. S. Denneen and W. C. Dunn. 2,339,157; Jan. 11.
Hardness of materials, Testing. P. and M. Bollée. 2,348,782; May 16.
Hardness testing apparatus. D. R. Tate. 2,357,856; Sept. 12.
Hardness testing indenter. C. H. Wilson. 2,361,441; Oct. 31.
Hardware and screen cloth machine. N. S. Harter. 2,363,415; Nov. 21.
Harmonic generator. W. V. B. Roberts. 2,364,756; Dec. 12.
Harmonica. F. H. Magnus. 2,339,790; Jan. 25.
Harmonica. F. H. Magnus. 2,340,333; Feb. 1.
Harmonica. F. H. Magnus. 2,348,830; May 16.
Harness, Airplane ignition. K. W. Miller and H. W. Sheridan. 2,343,314; Mar. 7.
Harness, Amphibian. E. T. Todd. 2,341,166; Feb. 8.
Harness, Arm supporting. J. R. Beaton. 2,358,551; Sept. 19.
Harness connector for looms. A. E. Brickman. 2,354,180; July 25.
Harness for masks, Head. A. H. Bulbulian. 2,353,643; July 18.
Harness, Leash. R. C. Webster. 2,356,715; Aug. 22.
Harness, Loom. J. J. Kaufmann. 2,364,982; Dec. 12.
Harness, Snowshoe. E. J. Balcomb. 2,365,041; Dec. 12.
Harrow. J. V. Dyrr. 2,349,852; May 30.
Harrow, Disk. C. H. Gemberling. 2,345,803; Apr. 4.
Harrow, Disk. W. F. McMahon. 2,352,963; July 4.
Harrow, Flexible adjustable lever drag. V. Antal. 2,347,979; May 2.
Harrow hitch. N. Wangaeus. 2,359,399; Oct. 3.
Harrow, Spike toothed. J. S. Troyer. 2,360,022; Oct. 10.
Harrow, Tractor controlled. C. L. Cook and A. E. Young. 2,354,850; Aug. 1.
Harrows, Power control of. J. V. Dyer. 2,341,139; Feb. 8.
Harvest wagon. G. R. Stinnett. 2,347,522; Apr. 25.
Harvester. J. Garst. 2,354,112; July 18.
Harvester. G. B. Hill. 2,347,907; May 2.
Harvester. I. T. Miller. 2,343,153; Feb. 29.
Harvester. C. A. Stevens. 2,347,138; Apr. 18.
Harvester and header, Row crop. W. Hague. 2,346,963; Apr. 18.
Harvester, Beet. V. N. Tramontini. 2,346,405; Apr. 11.
Harvester construction. B. M. Hyman. 2,349,905; May 30.
Harvester, Corn. N. F. Andrews and R. L. Dort. 2,347,871; May 2.
Harvester, Corn. C. J. Scranton. 2,340,084; Jan. 25.
Harvester, Ensilage. I. D. McEachern. 2,348,634; May 9.
Harvester, Green hay. C. E. Everett. 2,346,103; Apr. 4.
Harvester, Maize. S. Belfer. 2,365,997; Dec. 26.
Harvester platform. G. B. Hill. 2,342,282; Feb. 22.
Harvester, Seed. G. E. Miller. 2,352,854; July 4.
Harvester, Shocking. D. MacLean, J. E. Eldridge, and P. Cravits, Jr. 2,353,172; July 11.
Harvester, Subsurface crop. A. C. Wood. 2,344,663; Mar. 21.
Harvester-thresher, Combination. W. F. MacGregor. 2,354,346; July 25.
Harvester-thresher combine. W. R. Dray. 2,352,257; June 27.
Harvesting machine. F. Rogers. 2,343,583; Mar. 7.
Harvesting machine. S. G. Washburn. 2,345,542; Mar. 28.
Harvesting machine, Cotton. H. A. Macha. 2,355,880; Aug. 15.
Harvesting machine, Root. C. Christiansen. 2,357,810; Sept. 12.
Harvesting mechanism. R. Dixon. 2,354,986; Aug. 1.
Harvesting mechanism. L. A. Paradise. 2,347,365; Apr. 25.
Hasp device. J. Ritter, Jr. 2,341,814; Feb. 15.
Hasp for padlocks. E. D. Livenick. 2,363,344; Nov. 21.
Hat. K. Halmos. 2,358,708; Sept. 19.
Hat. A. A. Strauss. 2,342,501; Feb. 22.
Hat adjusting means. R. L. Brill and S. Lipton. 2,346,288; Apr. 11.
Hatband and bow trim hat, Combination non-elastic adjustable. H. Ferber. 2,356,042; Aug. 15.
Hat box. J. L. Anderson. 2,343,128; Feb. 29.
Hat box. H. H. Kaufman and R. G. Segschneider. 2,343,189; Feb. 29.
Hat brim flanging machine. H. H. Kaufman and R. G. Segschneider. 2,355,380; Aug. 8.
Hat cover. R. J. Weikert. 2,344,927; Mar. 21.
Hat crown pouncing machine construction. B. D. Wells. 2,345,369; Mar. 28.
Hat fastener. R. W. Gifford. 2,343,052; Feb. 29.
Hat fitting appliance and the like, Self-adjusting. C. Doering. 2,348,615; May 9.
Hat hanger. W. F. Mincenberg. 2,341,643; Feb. 15.
Hatmaking apparatus. J. E. Kane. 2,357,474; Sept. 5.
Hatmaking apparatus and operating same. J. E. Kane. 2,357,475; Sept. 5.
Hat material, Fur substitute and felt. S. Lichtenthal. 2,348,079; May 2.
Hat, Safety. E. V. Karabin. 2,339,080; Jan. 11.
Hat, Skullfitting. I. K. Etman. 2,343,758; Mar. 7.
Hat supporting device. G. B. Conley. 2,350,728; June 6.
Hat sweatband, and joining the ends thereof. F. R. Kling. 2,351,132; June 13.
Hats, Making. P. E. Young. 2,361,345; Oct. 24.
Hats, Pouncing. P. Schultze. 2,351,076; June 13.
Hats, Women's work. M. Paul. 2,343,155; Feb. 29.
Hatch and ventilator, Combination. W. B. Larkin and V. C. Norquis. 2,348,075; May 2.
Hatch construction for ships. T. P. Hogan. 2,345,394; Mar. 28.
Hatch cover. A. Pinson. 2,343,833; Mar. 7.
Haulage system as applied to the mining industry. E. A. Larsson and A. L. Price. 2,359,430; Oct. 3.
Hay baler. J. A. Haase. 2,355,646; Aug. 15.
Hay buck and stacker. J. E. Ryan. 2,352,915; July 4.
Hay handling apparatus. R. E. Stoetzl and A. C. Thompson. 2,349,386; May 23.
Hay loader. H. Moschel and J. R. Day. 2,361,489; Oct. 31.
Hay loading apparatus, Baled. W. Way and N. J. McLeod. 2,362,038; Nov. 7.
Hay press. F. D. Jones. 2,352,388; June 27.
Hay rake and stacker. G. E. Coates. 2,351,926; June 20.
Head and cylinder welding stake. D. P. Bisbee, R. J. Seltzer, and P. F. Thayer. 2,353,868; July 18.
Headband for welders' helmets. J. W. Welsh. 2,349,218; May 16.
Head construction for dolls. A. M. Katz. 2,350,114; May 30.
Head for glass-lined tanks. F. W. Lauck. 2,363,980; Nov. 28.
Head for toothbrushes. A. Rickenbacher. 2,362,159; Nov. 7.
Headgear. F. L. Starbeck. 2,349,471; May 23.
Headgear for posture correction. H. E. Kuss. 2,357,746; Sept. 5.
Headgear, Lifesaving. D. Sebouh. 2,362,775; Nov. 14.
Headgear, Protective. G. M. Lamsa. 2,365,656; Dec. 19.
Headlight attachment. M. R. Ebert. 2,349,853; May 30.
Headlight regulator. A. E. Holmes. 2,349,022; May 16.
Headlight signal. E. F. Feldheim. 2,350,599; June 6.
Headlight tester. H. G. Holmes. 2,358,010; Sept. 12.
Headlight testing apparatus. H. G. Holmes. 2,365,410; Dec. 19.
Headlight with several removable full-beam electric lamps, Vehicle. H. Swanson. 2,362,174; Nov. 7.
Headphone. R. S. Pitkin. 2,353,070; July 4.
Headpiece for litters. K. F. Springer. 2,361,328; Oct. 24.
Headrest, Adjustable. L. N. Williams. 2,347,859; May 2.
Head sets, Diagnostic. W. A. Arnesen. 2,353,537; July 11.
Head shield. W. T. Cockrill and T. J. Duncan. 2,354,502; July 25.
Head, Spray. O. W. Holden. 2,354,019; July 18.
Header construction for sliding doors. R. L. Long. 2,350,689; June 6.
Header, Superheater. B. Smith and C. Ringel. 2,359,589; Oct. 3.
Header unit, Steam delivery and superheater. A. J. Wegmann. 2,353,776; July 18.
Heading machines, Protective system. E. W. Huebner and L. E. Peterson. 2,364,716; Dec. 12.
Headstock for lathes. H. H. Logan and O. W. Lilliedahl. 2,338,660; Jan. 11.
Headwear. R. Solman. 2,347,442; Apr. 25.

Hearing aid, Bone conduction. H. Lieber. Re. 22,499; June 20.
Hearing aid circuit. S. F. Lyharger. 2,345,761; Apr. 4.
Hearing aid, Electrically and acoustically excited. F. M. Grossman. 2,363,175; Nov. 21.
Hearse, Convertible. E. L. Schofield. 2,347,002; Apr. 18.
Heat actuated device. W. S. Landon. 2,352,439; June 27.
Heat circulating attachment, Detachable. C. R. Sims. 2,362,316; Nov. 7.
Heat conductivity apparatus. R. A. Butland. 2,347,661; May 2.
Heat control device. L. W. Cook. 2,354,910; Aug. 1.
Heat control for arc welding. J. M. Tyrner. 2,349,691; May 30.
Heat control system. S. P. Miller. 2,353,627; July 11.
Heat dissipator for marine engines. A. J. Higgins. 2,356,444; Aug. 29.
Heat drier and method, Segregating. W. S. McAleer. 2,346,176; Apr. 11.
Heat exchange. E. A. Bertram and D. Fulton. 2,345,419; Mar. 28.
Heat exchange. G. B. Mulloy. 2,358,874; Sept. 26.
Heat exchange apparatus. G. E. Clancy. 2,364,130; Dec. 5.
Heat exchange apparatus. A. R. Thompson. 2,344,184; Mar. 14.
Heat exchange, Connection for. J. L. Bradfield. 2,338,090; Jan. 4.
Heat exchange device. P. F. Sperry. 2,349,683; May 23.
Heat exchange device. P. F. Sperry. 2,353,274; July 11.
Heat exchange installation, Fluid. R. Shellenberger. 2,354,222; July 25.
Heat exchange tubes, Making. E. H. Wallace. 2,365,670; Dec. 26.
Heat exchange unit. J. D. Cantwell. 2,362,955; Nov. 14.
Heat exchange unit. N. T. Katsulos. 2,343,147; Feb. 29.
Heat exchange unit. C. R. Keep. 2,345,536–7; Mar. 28.
Heat exchange unit. W. E. McCullough. 2,347,957; May 2.
Heat exchanger. N. A. Arvins and A. A. Arvintz. 2,360,094; Oct. 10.
Heat exchanger. J. W. Brown, Jr. 2,362,985; Nov. 21.
Heat exchanger. H. F. Buschow and E. G. Engel. 2,348,601; May 9.
Heat exchanger. S. J. Chute and H. F. Buschow. 2,349,143; May 16.
Heat exchanger. C. Fassinger, Sr. 2,343,049; Feb. 29.
Heat exchanger. H. M. Graham and F. D. Berkeley. 2,341,319; Feb. 8.
Heat exchanger. E. Gygax. 2,353,233; July 11.
Heat exchanger. J. C. Hobbs. 2,363,526; Nov. 28.
Heat exchanger. L. C. Huff. 2,365,878; Dec. 26.
Heat exchanger. G. T. Jacocks and R. E. Glauque. 2,340,756; Feb. 1.
Heat exchanger. G. T. Jacocks and R. E. Glauque. 2,359,268; Sept. 26.
Heat exchanger. D. R. McNeal. 2,340,397; Feb. 1.
Heat exchanger. L. H. Morris. 2,340,138; Jan. 25.
Heat exchanger. R. H. Norris. 2,348,020; May 2.
Heat exchanger. B. Pinkel. 2,342,164; Feb. 22.
Heat exchanger. W. H. Thompson. 2,351,238; June 13.
Heat exchanger. G. A. Worn. 2,350,976; June 6.
Heat exchanger. G. H. Young. 2,360,386; Oct. 17.
Heat exchanger assembly. C. L. Dewey. 2,365,688; Dec. 26.
Heat exchanger for gas turbines. G. Jendrassik. 2,361,691; Oct. 31.
Heat exchanger for superchargers. F. M. Young. 2,340,853; Feb. 8.
Heat exchanger, Multiflue. R. K. Behr. 2,357,251; Aug. 29.
Heat exchanger, Surface type. A. R. Smith. 2,354,071; July 18.
Heat-exchanger tube. J. W. Brown, Jr., and W. C. Sessions. 2,342,117; Feb. 22.
Heat extractor. B. R. Faunce. 2,343,542; Mar. 7.
Heat insulating panel. B. Labaree and R. K. Knipe. 2,338,520; Jan. 4.
Heat insulation material, Manufacture of. H. W. Greider and R. A. MacArthur. 2,348,898; May 16.
Heat insulation structure, Manufacture of. R. A. MacArthur and H. W. Greider. 2,348,829; May 16.
Heat interchange apparatus. G. E. Dono and R. H. Goddard. 2,345,331; Mar. 28.
Heat interchange apparatus. G. E. Dono and R. H. Goddard. 2,356,919; Aug. 29.
Heat motor. A. E. Baak. 2,355,041; Aug. 8.
Heat reclaiming system. F. N. H. Setterwall. 2,360,900; Oct. 24.
Heat reflective material. E. Scheyer. 2,357,851; Sept. 12.
Heat responsive means for controlling the air supply to liquid fuel burners. S. Perry. 2,350,920; June 6.
Heat seal and equipment therefor, etc. J. F. Vincent. 2,343,117; Feb. 29.
Heat-sealable label. A. Abrams, G. W. Forcey, W. H. Graebner, A. M. Heald, and G. G. Rumberger. 2,348,688; May 9.
Heat sealing machines. H. F. Waters. 2,339,896; Jan. 25.
Heat transfer apparatus. G. E. Clancy. 2,346,822; Apr. 18.
Heat transfer device. W. S. Blauvelt. 2,344,588; Mar. 21.
Heat transfer device. R. S. Gaugler. 2,350,348; June 6.
Heat transfer element. A. B. Modine. 2,339,284; Jan. 11.
Heat transfer element for absorbers. C. A. Payne. 2,360,714; Oct. 17.
Heat transfer in denture molds. F. Taub. 2,360,986; Oct. 24.
Heat-transfer liquid, Noncorrosive. L. J. Clapsadle and G. B. Graham. 2,349,338; May 23.
Heat transfer system. M. E. Fiene. 2,348,000; May 2.
Heat transfer unit. J. W. Sargent and C. E. Staky. 2,343,387; Mar. 7.
Heat-treating. C. Lynn. 2,351,987; June 20.
Heat treating. D. H. Montgomery. 2,363,741; Nov. 28.
Heat-treating apparatus. R. P. Koehring. 2,354,523; July 25.
Heat treating apparatus. W. Roth. 2,349,679; May 23.
Heat treating apparatus. K. L. Scott. 2,348,501; May 9.
Heat-treating apparatus. H. E. Somes. 2,358,834; Sept. 26.
Heat treating apparatus. H. E. Somes. 2,361,976; Nov. 7.
Heat-treating apparatus. H. E. Somes. 2,364,924; Dec. 12.
Heat treating device. W. O. Bennett, Jr. 2,339,136; Jan. 18.
Heat-treating furnace. W. E. Johnston. 2,360,348; Oct. 17.
Heat-treating gear and the like. F. S. Denneen and W. C. Dunn. 2,364,623; Dec. 12.
Heat treating gears and the like. F. S. Denneen and W. C. Dunn. 2,338,490; Jan. 4.
Heat-treating polymerization products. C. Zerbe. 2,350,007; May 30.
Heat treatment of magnesium alloys. E. S. Busk. 2,363,394; Nov. 21.
Heat treatment of textiles. C. N. Poesl. 2,346,186; Apr. 11.
Heater: *See*—

Aircraft heater.	Fireplace air circulating heater.
Automatic laundry heater.	Fireplace heater.
Automatic wood-burning heater.	Flow heater.
Automobile body heater.	Fluid heater.
Automobile heater.	Liquid fuel heater.
Circulating liquid heater.	Oil heater.
Convection heater.	Orchard heater.
Crankcase heater.	Petroleum heater.
Domestic water heater.	Portable car heater.
Electric heater.	Radiant heater.
Electric space heater.	Refrigerator car heater.
Electric water heater.	Sectional fireplace heater.
Electroliquid apartment heater.	Unit heater.
	Water heater.

Heater. C. Barr and J. F. Strickler, Jr. 2,349,694; May 23.
Heater. L. B. Bragg. 2,338,708; Jan. 11.
Heater. H. J. Findley. 2,363,168; Nov. 21.
Heater. P. F. Helmick. 2,341,549; Feb. 15.
Heater. H. J. De N. McCollum. 2,362,571; Nov. 14.
Heater. G. E. Onishi and H. E. Schank. 2,360,617; Oct. 17.
Heater. W. J. Payne. 2,352,402; June 27.
Heater. E. G. and R. J. Siegler. 2,356,705; Aug. 22.
Heater. O. G. Vogel. 2,357,150; Aug. 29.
Heater and windshield defroster, Car. A. J. Schutt and W. J. De Beaubien. 2,342,901; Feb. 29.
Heater control. C. A. de Giers and A. Wickesser. 2,351,668; June 20.
Heater control, Liquid. R. C. Newhouse. 2,361,232; Oct. 24.
Heater for fluids. C. H. Angell. 2,346,345; Apr. 11.
Heater for fluids. C. H. Angell. 2,354,843; Aug. 1.
Heater for fluids. M. W. Barnes. 2,346,348; Apr. 11.
Heater for fluids. M. W. Barnes. 2,348,513; May 9.
Heater for fluids. M. W. Barnes. 2,359,963; Oct. 10.
Heater for permanent waving. J. Leclabart. 2,344,097; Mar. 14.
Heater or cooler for oil filters. C. B. Dushane, Jr. 2,348,247; May 9.
Heater support. E. R. Koppel. 1,345,677; Apr. 4.
Heater system for liquid fuel burners, Electrical. H. B. Holthouse. 2,361,400; Oct. 31.
Heater tubes, Supporting. F. H. Praeger. 2,355,892; Aug. 15.
Heater unit construction. W. J. Russell. 2,361,874; Oct. 31.
Heating and air conditioning system. E. M. Zier, Jr. 2,355,495; Aug. 8.
Heating and cooking apparatus. M. L. Mueller. 2,361,644; Oct. 31.
Heating and cooling effects, Utilization of natural. A. B. Newton. 2,342,211; Feb. 22.
Heating and cooling, Means for. F. R. Bichowsky. 2,365,797; Dec. 26.
Heating and cooling system. W. L. McGrath. 2,344,555; Mar. 21.
Heating and cooling system. G. A. Toepperwein. 2,357,706; Sept. 5.
Heating and electrical generating apparatus. H. J. De N. McCollum. 2,362,283; Nov. 7.

Heating and humidifying attachment for bassinets. J. W. Boren. 2,365,243; Dec. 19.
Heating and ventilating system. G. D. Skinner. 2,359,057; Sept. 26.
Heating and ventilating system for car bodies. L. E. Blue. 2,351,096; June 13.
Heating apparatus. J. Davin. 2,364,698; Dec. 12.
Heating apparatus. E. J. Dillman. 2,340,844; Feb. 1.
Heating apparatus. H. J. Findley. 2,362,258; Nov. 7.
Heating apparatus. F. A. Gill. 2,344,812; Mar. 21.
Heating apparatus. F. O. Hess. 2,361,097; Oct. 24.
Heating apparatus. S. E. Heymann. 2,346,966; Apr. 18.
Heating apparatus. S. E. Heymann. 2,362,271; Nov. 7.
Heating apparatus. D. F. Jones and J. W. Miller. 2,363,185; Nov. 21.
Heating apparatus. M. L. Mueller. 2,348,834; May 16.
Heating apparatus. M. L. Mueller. 2,348,835; May 16.
Heating apparatus. M. L. Mueller. 2,361,643; Oct. 31.
Heating apparatus. J. P. Walker and C. O. Glasgow. 2,354,932; Aug. 1.
Heating apparatus. C. J. Wintergreen. 2,354,345; July 25.
Heating apparatus and starting means therefor. H. J. Findley. 2,362,259; Nov. 7.
Heating apparatus and system, Air. M. A. Powers. 2,338,356; Jan. 4.
Heating apparatus and the like. B. F. Parr. 2,341,648; Feb. 15.
Heating apparatus, Electric. C. H. Hodgkins. 2,363,326; Nov. 21.
Heating apparatus, Induction. H. E. Somes. 2,359,058; Sept. 26.
Heating appliance. M. Hurley. 2,349,965; May 30.
Heating device. J. R. Campbell. 2,349,612; May 23.
Heating device for bottle caps. C. W. Goodwin, H. W. Martin and H. G. Yore. 2,347,407; Apr. 25.
Heating device, Quick. F. B. Sloan. 2,359,393; Oct. 3.
Heating elements, Making electrical. B. Horsfield. 2,363,329; Nov. 21.
Heating filament circuit. E. J. Leuthold. 2,346,654; Apr. 18.
Heating furnace. T. W. Torr. 2,346,876; Apr. 18.
Heating material to perform machining operations thereon, Method and apparatus for. L. F. Bentley. 2,365,998; Dec. 26.
Heating of fluid. L. A. Mekler. 2,346,384; Apr. 11.
Heating of fluids. M. W. Barnes. 2,361,812; Oct. 31.
Heating of fluids. W. C. Hensel. 2,355,800; Aug. 15.
Heating of fluids. L. A. Mekler. 2,338,295; Jan. 4.
Heating pad. D. C. Simpson and A. L. Simison. 2,345,300; Mar. 28.
Heating plant. O. H. Dicke. 2,353,815; July 18.
Heating stove. H. R. Blumstengel. 2,365,675; Dec. 26.
Heating system. C. W. Colby. 2,359,547; Oct. 3.
Heating system. H. R. Crago. 2,366,003; Dec. 26.
Heating system. H. R. Goodale. 2,363,787; Nov. 28.
Heating system. C. I. Hall. 2,339,636; Jan. 18.
Heating system. S. E. Heymann. 2,357,403; Sept. 5.
Heating system. H. J. McCollum. 2,364,457–8; Dec. 5.
Heating system. J. W. Monroe. 2,359,048; Sept. 26.
Heating system. R. E. Moore. 2,345,200; Mar. 28.
Heating system for composite paper-board machines. N. M. Simmons. 2,341,335; Feb. 8.
Heating system for railway cars. V. E. West. 2,353,097; July 4.
Heating system for railway cars. K. E. Zeidler. 2,339,040; Jan. 11.
Heating system, Hot-water. M. Kronfeld. 2,363,795; Nov. 28.
Heating system or the like. C. W. Colby. 2,348,610; May 9.
Heating system, Oven. H. Feige. 2,348,118; May 2.
Heating thermoplastic materials for molding. A. A. Burry. 2,358,524; Sept. 19.
Heating torch burner. H. G. Seamans. 2,359,251; Sept. 26.
Heating unit. R. F. Geller. 2,356,237; Aug. 22.
Heating unit. A. G. Goetz. 2,359,909; Oct. 10.
Heating unit, Encased. C. M. Osterheld. 2,360,267; Oct. 10.
Heating unit, Encased. C. M. Osterheld. 2,362,152; Nov. 7.
Heavy duty bottle carrier. W. A. Ringler. 2,359,678; Oct. 3.
Hectograph device. J. N. Schmidt and K. E. Grossnickle. 2,359,522; Jan. 18.
Heddle bar support. A. S. Holt. 2,358,288; Sept. 12.
Heddle frame support. R. T. Osteen. 2,344,212; Mar. 14.
Hedge cutter. R. H. Beach. 2,362,461; Nov. 14.
Heel-attaching machine. R. S. Megathlin. 2,360,962; Oct. 24.
Heel bending machine. F. A. Eich and N. A. Monfils. 2,357,813; Sept. 12.
Heel construction. R. P. Allen. 2,347,868; May 2.
Heel construction. B. Ryder. 2,359,001; Sept. 26.
Heel construction for shoes. G. E. Musebeck. 2,342,293; Feb. 22.
Heel, Lady's. E. B. Cintron. 2,341,209; Feb. 8.
Heel lift protector. E. B. Van Sant. 2,349,479; May 23.
Heel of shoes worn by men, women and children, or by animals. F. Greenberg. 2,341,214; Feb. 8.
Heel, Rubber. D. M. Welch. 2,366,138; Dec. 26.
Heel seat conforming machine. K. W. Macdonald. 2,357,596; Sept. 5.
Heel, Shoe. V. P. Williams. 2,357,281; Aug. 29.
Heel, Wood. S. G. Rosenberg. 2,361,062; Oct. 24.
Height gauge. L. V. Nystrom. 2,354,137; July 18.
Helical centrifugal separator. H. McCurdy. 2,343,682; Mar. 7.
Helicopter. C. Ferro. 2,348,249; May 9.
Helicopter. R. Hafner. 2,338,935; Jan. 11.
Helicopter. H. F. Pitcairn. 2,350,126; May 30.
Helicopter. H. H. Platt. 2,364,096; Dec. 5.
Helicopter and gyroplane. J. A. J. Bennett. 2,344,967; Mar. 28.
Helicopter toy. A. Robins. 2,357,134; Aug. 29.
Helix, clutch. E. S. Larson. 2,363,253; Nov. 21.
Helmet. T. J. Flynn and A. Werthelmer. 2,340,872; Feb. 8.
Helmet. G. A. Shroyer, L. P. Gould, and R. E. Moule. 2,351,235; June 13.
Helmet, Anticoncussion. E. Seletz. 2,354,840; Aug. 1.
Helmet, Boxer's. A. J. Turner. 2,364,571; Dec. 5.
Helmet connection for skullguards. F. M. Bowers. 2,362,610; Nov. 14.
Helmet, Protective. J. T. Riddell. 2,359,387; Oct. 3.
Helmet, Welder's. W. L. Keehn. 2,362,637; Nov. 14.
Helmet, Welder's. H. R. Madson. 2,339,280; Jan. 18.
Helmets and the like, Protective cover applicable to the rims of metal shrapnel. R. and J. Pickles. 2,339,189; Jan. 11.
Hemmer attachment. G. Westhoff. 2,355,766; Aug. 15.
Hemoglobinometer. D. H. Duffie. 2,355,960; Aug. 15.
Hesperidin and preparing the same, Derivatives of. M. Ohta. 2,350,804; June 6.
Hesperidin, Manufacture of. R. H. Higby. 2,348,215; May 9.
Heterocyclic compounds. Nitrogen. J. B. Dickey, W. H. Strain, and R. A. Corbitt. 2,364,347; Dec. 5.
Heterocyclic nitrogen-containing compounds, Making. W. Ruigh. 2,351,069; June 13.
Heterocyclic nitrogen ring compounds, Production of. G. W. Seymour and V. S. Salvin. 2,359,391; Oct. 3.
Heterocyclic substituted aryl sulphonamido compounds and obtaining the same. B. F. Tullar. 2,358,366; Sept. 19.
Heterodyne elimination circuit. M. G. Crosby. 2,351,191; June 13.
Heterodyne eliminator. J. L. A. McLaughlin. 2,364,863; Dec. 12.
Hexoestrol, Synthesis of. E. S. Wallis and S. Bernstein. 2,357,985; Sept. 12.
Hide-stretching clamp. C. F. Fitzgerald. 2,339,470; Jan. 18.
Hide treatment. V. Conquest and H. L. Keil. 2,362,540; Nov. 14.
Hide treatment. V. Conquest and H. L. Keil. 2,363,646; Nov. 28.
Hider, Flash. S. G. Green. 2,339,777; Jan. 25.
Hides and skins, Cleaning. R. F. Knight. 2,355,221; Aug. 8.
Hides and skins, Drying. W. M. Cutler. 2,354,200; July 25.
Hides and skins, Treating. O. W. Robertson. 2,343,929; Mar. 14.
High chair. H. W. Sheldrick. 2,357,556; Sept. 5.
High explosive shells, Making. A. Lefere. 2,338,652; Jan. 4.
High frequency amplifying system. H. Romander. 2,338,542; Jan. 4.
High frequency apparatus. O. Heil. 2,363,962; Nov. 28.
High frequency apparatus. E. D. McArthur. 2,353,742; July 18.
High frequency core material and core and making said materials. G. Berge. 2,339,137; Jan. 11.
High frequency electrical apparatus. R. H. Varian and W. W. Hansen. 2,359,811; Oct. 10.
High-frequency electron discharge apparatus. J. H. Fremlin. 2,338,237; Jan. 4.
High frequency electronic discharge device. E. D. McArthur. 2,353,743; July 18.
High frequency excitation. A. H. Toepfer. 2,345,162; Mar. 28.
High-frequency ferroinductor. W. J. Polydoroff. 2,354,331; July 25.
High frequency induction system. C. W. Hansell. 2,364,526; Dec. 5.
High frequency radio tube. C. D. Kentner. 2,356,230; Aug. 22.
High frequency selective system and method. R. S. Baldwin. 2,359,504; Oct. 3.
High frequency tube structure. S. F. and R. H. Varian. 2,345,642; Apr. 4.
High molecular weight polyhydric alcohol. W. B. Johnston. 2,347,562; Apr. 25.
High polymeric condensation products, Production of. M. Hagedorn and E. Schmitz-Hillebrecht. 2,341,611; Feb. 15.
High power timing neon lamp. J. D. Morgan and E. C. Lane. 2,344,518; Mar. 21.
High pressure joint. F. H. Morehead and W. R. Ost. 2,342,422; Feb. 22.
High pressure mercury vapor lamp. J. Hofmann and F. Schreiber. 2,342,806; Feb. 29.
High-pressure meter. W. E. Steen. 2,362,778; Nov. 14.
High-pressure pump. L. Beeh. 2,351,908; June 20.
High pressure pump. M. W. Huber. 2,345,125; Mar. 28.

High pressure pump. F. A. Talbot. 2,365,309; Dec. 19.
High-pressure steam generator. W. Bredtschneider. 2,344,077; Mar. 14.
High resistance element and producing the same. R. S. Dean. 2,340,867; Feb. 8.
High-speed bearing. W. Messinger. 2,354,870; Aug. 1.
High speed forging press. W. Ernst. 2,343,139; Feb. 29.
High-speed propulsion plant. F. A. M. Heppner. 2,360,130; Oct. 10.
High-speed traversing means. J. H. Thomas and E. Fletcher. 2,364,569; Dec. 5.
High tensile strength, noncorrosive alloy. C. J. Schafer. 2,360,797; Oct. 17.
High tension apparatus. R. R. Machlett. 2,343,381; Mar. 7.
High vacuum. K. C. D. Hickman and J. C. Hecker. 2,338,583; Jan. 4.
High volatile coal, Coking. C. Otto. 2,353,753; July 18.
High voltage switch. J. B. Shaw. 2,359,056; Sept. 26.
High voltage winding. J. J. Vienneau. 2,344,334; Mar. 14.
High water indicator. J. A. Waldrop. 2,340,239; Jan. 25.
Highway crossing gate. J. E. Stephenson. 2,353,942; July 18.
Highway crossing gate for railroads. W. K. Howe. 2,351,857; June 20.
Highway crossing signal control system. T. W. Tizzard, Jr. 2,346,518; Apr. 11.
Highway grade and subgrade materials, Treatment of. J. W. Poulter. 2,363,018; Nov. 21.
Highway marking system and device for applying same. L. H. Beebe. 2,338,894; Jan. 11.
Highway sign. C. J. T. Young. 2,359,457; Oct. 3.
Hinge. E. H. Benson. 2,365,378; Dec. 19.
Hinge. H. G. Davis. 2,358,561; Sept. 19.
Hinge. O. A. Loftin. 2,355,542; Aug. 8.
Hinge. E. Marple. 2,353,175; July 11.
Hinge. E. E. Nofsinger. 2,360,512; Oct. 17.
Hinge. H. Traumüller. 2,343,593; Mar. 7.
Hinge. H. J. W. Traumüller. 2,358,948; Sept. 26.
Hinge and latch, Combined. L. P. Crosman. 2,349,486; May 23.
Hinge, Automobile door. L. C. Atwood. 2,354,789; Aug. 1.
Hinge, Concealed. O. C. Gessler. 2,364,437; Dec. 5.
Hinge construction for boxes. P. M. Christensen. 2,359,621; Oct. 3.
Hinge construction for swinging doors. A. F. Baum and A. H. Anderson. 2,351,800; June 20.
Hinge fitting for decanters. J. W. Aladorf. 2,359,189; Sept. 26.
Hinge for molded containers. H. L. Apfelbaum. 2,347,980; May 2.
Hinge for vehicle doors, Ratchet. N. H. Pardoe. 2,362,923; Nov. 14.
Hinge members, Making. S. B. Atwood. 2,345,562; Apr. 4.
Hinge, Molded. H. L. Apfelbaum. 2,347,981; May 2.
Hinge structure. J. E. Bales. 2,364,612; Dec. 12.
Hinged cover container. D. W. Mabee. 2,355,665; Aug. 15.
Hitch. R. D. MacDonald. 2,349,361; May 23.
Hitch. G. G. McNamara, Jr. 2,354,268; July 25.
Hitch. A. A. Scarlett. 2,358,538; Sept. 19.
Hitch. L. R. Simmons. 2,360,901; Oct. 24.
Hitch and support for semimounted implements. V. V. Mappin. 2,361,304; Oct. 24.
Hitch, Ball-and-socket trailer. R. F. Smith. 2,363,755; Nov. 28.
Hitch device. E. G. Kastenschmidt. 2,338,334; Jan. 4.
Hitch device. C. G. Strandlund. 2,349,997; May 30.
Hitch for plows, Cushion spring. J. Morkoski. 2,362,712; Nov. 14.
Hitch means for connecting trailers to tractive vehicles. H. G. Ferguson. 2,347,898; May 2.
Hitch, Universal tractor. R. G. Le Tourneau. 2,342,407; Feb. 22.
Hob. N. Trbojevich. 2,338,366; Jan. 4.
Hobbing machine. J. Cetrule. 2,364,694; Dec. 12.
Hobbing machine. O. E. Staples. 2,360,800; Oct. 17.
Hoe. J. F. Linden. 2,351,136; June 13.
Hoe, Power-operated rotary. H. T. Smith. 2,361,798; Oct. 31.
Hog cholera vaccine. R. W. G. Wyckoff. 2,364,579; Dec. 5.
Hog feeder. W. Cecil. 2,353,126; July 11.
Hoist. W. C. Anthony. 2,359,961; Oct. 10.
Hoist. A. J. Brown. 2,343,640; Mar. 7.
Hoist. C. E. Goldup. 2,347,822; May 2.
Hoist. J. Kallx. 2,356,762; Aug. 29.
Hoist. F. P. Lawler. 2,350,120; May 30.
Hoist. F. P. Lawler. 2,354,386-7; July 25.
Hoist. F. Lock. 2,348,987; May 16.
Hoist. F. Lock. 2,353,479; July 11.
Hoist. M. M. Lucas. 2,358,339; Sept. 19.
Hoist, H. J. Maginniss and L. A. Amtsberg. 2,361,858; Oct. 31.
Hoist. H. F. Parker. 2,360,713; Oct. 17.
Hoist. R. B. Thompson. 2,349,389; May 23.
Hoist. R. W. Thorne. 2,356,800; Aug. 29.
Hoist and scaffolding, Combined. H. R. Olsen. 2,364,547; Dec. 5.
Hoist, Boat. E. B. Thompson. 2,352,457; June 27.
Hoist, Boom. B. S. Ferguson. 2,357,462; Sept. 5.
Hoist, Boom. F. L. White. 2,344,796; Mar. 21.
Hoist brake and control system. H. F. Vickers. 2,351,084; June 13.
Hoist chain structure, Convertible, multiple capacity. F. W. Coffing. 2,351,665; June 20.
Hoist control mechanism. B. S. Aikman. 2,352,241; June 27.
Hoist control mechanism. H. M. Stueland. 2,342,308; Feb. 22.
Hoist line implement. H. Masterson. 2,341,876; Feb. 15.
Hoist, Portable. R. G. Le Tourneau. 2,342,408; Feb. 22.
Hoist, Power-operated. J. Sully. 2,365,141; Dec. 12.
Hoist, Suspended. H. F. Parker. 2,364,471; Dec. 5.
Hoist, Universal free tape. F. W. Coffing. 2,343,884; Mar. 14.
Hoisting and conveying apparatus. C. N. Wold. 2,346,956; Apr. 18.
Hoisting apparatus. G. E. Bock. 2,343,638; Mar. 7.
Hoisting frame. T. Langan. 2,343,014; Feb. 29.
Hoisting machine. M. B. McLauthlin. 2,351,060; June 13.
Hoisting means. A. Keller. 2,364,224; Dec. 5.
Hoisting sling. H. Sonntag. 2,364,170; Dec. 5.
Hoisting tong. L. Nelson. 2,347,922; May 2.
Holdback, Curtain. G. Troensegaard and M. J. Aicher. 2,365,664; Dec. 26.
Hold-down attachment. E. W. Allen. 2,365,372; Dec. 19.
Hold-down device. G. E. Duwe. 2,339,845; Jan. 25.
Holder: *See*—
Adjustable curtain rod holder.
Arbor holder.
Article holder.
Artificial flower holder.
Automobile license stamp holder.
Ax holder.
Blade holder.
Bottle holder.
Broom holder.
Brush holder.
Button type emblem hold
Cable holder.
Cannula holder.
Carrier holder.
Character bearing holder.
Chip holder.
Cigarette holder.
Clip and pencil holder.
Collar holder.
Combined brush scraper and bail holder.
Concrete form and holder
Condiment holder.
Copy holder.
Cosmetic holder.
Cosmetic or like holder.
Cosmetic stick expellant holder.
Cosmetic stick holder.
Cutting tool holder.
Cutting torch holder.
Cycle pump holder.
Dental floss holder.
Deodorant holder.
Display card holder.
Door holder.
Drill holder.
Drop-signal holder.
Electric holder.
Electric welding rod holder.
Electrode arc welding electrode holder.
Electrode holder.
Filter glass holder.
Flashlight holder.
Flatiron holder.
Flower holder.
Fluid-cooled electrode holder.
Garbage holder.
Garden hose holder.
Gas holder.
Gauge holder.
Hose holder.
Hydraulic work holder.
Ice cream cone holder.
Identification holder.
Indicator holder.
Indicia-card holder.
Industrial X-ray film holder.
Infant feeding bottle holder.
Insert chaser holder.
Key case, token, coin holder.
Knife, fork, and spoon holder.
Knife holder.
Lamp holder.
Lens holder.
License plate holder.
Lipstick holder.
Magazine razor blade holder.
Mandrel or implement holder.
Map holder.
Matchbook holder.
Match pack holder.
Micromatic precision tool holder.
Milk bottle holder.
Multiple purpose whisk broom holder.
Multiple tool holder.
Nursing bottle holder.
Ornament holder.
Parachute pull-up string holder.
Pencil holder.
Phonograph record ejecting holder.
Photographic film holder.
Photographic filter holder.
Piezo crystal holder.
Piezoelectric crystal holder.
Plate holder.
Price card holder.
Price tag holder.
Quick-release holder.
Razor and blade holder.
Razor blade holder.
Razor blade sharpening holder.
Record holder.
Reversible tap holder.
Roll film holder.
Rotary type holder.
Safety blade magazine holder.
Safety razor blade holder.
Screen holder.
Shade holder.
Shock resistant fluorescent lamp holder.
Shoe holder.
Soap holder.
Soapstone holder.
Spool holder.
Strainer holder.
Stylus holder.
Surgical needle holder.
Tap and die holder.
Tie knot holder.
Tool holder.
Tooth holder.
Twin-pails holder.
Vacuum tube holder.
Valve holder.
Welding electrode holder.
Welding holder.
Welding rod holder.
Work holder.
Yarn cake holder.
Yarn holder:
Yarn-package holder.

Holder. J. P. Hansen. 2,340,660; Feb. 1.
Holder. G. L. Beenstierna. 2,360,162; Oct. 10.
Holder. H. E. Upham. 2,344,186; Mar. 14.
Holder. J. Weber. 2,349,892; May 23.
Holder and applicator for antiseptics. K. Lewis. 2,338,448; Jan. 4.
Holder and dispenser. M. J. Fletcher. 2,353,301; July 11.
Holder and dispenser for rolled sheet material. A. C. Gillanders and H. H. Daggett. Re. 22,565; Nov. 21.
Holder and remover for weft replenishing looms, Thread. E. A. Santon. 2,365,844; Dec. 26.
Holder and sleeping shield, Eye pad. E. Cadous. 2,342,640; Feb. 29.
Holder, Brush. A. P. Wood. Re. 22,496; June 13.
Holder for automobiles, Flag. A. Winsick. 2,358,120; Sept. 12.
Holder for bobbins in transfer mechanism. T. J. Levesque. 2,355,596; Aug. 8.
Holder for boring bars. L. L. Williams. 2,363,215; Nov. 21.
Holder for bottles. H. N. Creed. 2,340,645; Feb. 1.
Holder for brushes, Bristle. J. W. Mayer. 2,358,464; Sept. 19.
Holder for cake soap, Nonslip. E. St. Clanton. 2,339,000; Jan. 11.
Holder for car seats, Child. W. S. Elmer. 2,351,749; June 20.
Holder for coin and bills. E. J. Suess. 2,358,262; Sept. 12.
Holder for containers. A. Manning and A. Onuska. 2,363,256; Nov. 21.
Holder for cooking range accessories. H. H. Ring. 2,342,970; Feb. 29.
Holder for deplating articles. R. R. La Motte. 2,349,908; May 30.
Holder for double-edged razor blades. O. Ottoson. 2,347,924; May 2.
Holder for dynamoelectric machines, Brush. K. Perkins. 2,348,684; May 9.
Holder for electrolytic deplating. R. R. La Motte. 2,349,356; May 23.
Holder for glass jars. J. Kipper. 2,340,330; Feb. 1.
Holder for ice cream cones. C. Brazier. 2,344,937; Mar. 21.
Holder for lipsticks and the like. H. A. Lindsey, III, and H. G. Long. 2,359,865; Oct. 10.
Holder for lipsticks and the like. H. F. Reichenbach. 2,352,448; June 27.
Holder for making change, Coin. P. G. Crampton. 2,354,001; July 18.
Holder for metal wool. A. Schimel. 2,364,319; Dec. 5.
Holder for neckties or the like. L. K. Singley. 2,352,741; July 4.
Holder for self-heating ration containers. N. T. Naranick. 2,347,212; Apr. 25.
Holder for sifter-top cans. B. F., E. F., W. S., and C. O. Hamilton. 2,345,971; Apr. 4.
Holder for taps, drills, and the like. L. Nachemov. 2,352,857; July 4.
Holder for thermometers. M. Charnysh. 2,351,107; June 13.
Holder for tooth paste tubes. R. C. Stickney. 2,346,403; Apr. 11.
Holder for use in repointing twist drills. D. Crowther. 2,365,395; Dec. 19.
Holder for use with homing pigeons, Message. I. S. Lermer. 2,343,679; Mar. 7.
Holder for visitors' memoranda. W. E. Williams. 2,358,041; Sept. 12.
Holder for weft replenishing looms, Pneumatic thread. R. G. Turner. 2,358,952; Sept. 26.
Holder for welding electrodes. J. Forman and A. D. Clyburn. 2,364,063; Dec. 5.
Holder or cup for catalytic lighters. G. P. Schmitt. 2,356,356; Aug. 22.
Holding bracket. L. F. Sayles. 2,354,404; July 25.
Holding device. A. Jensen. 2,345,051; Mar. 28.
Holding device. H. M. Morrow. 2,347,329; Apr. 25.
Holding device for food containers in refrigerating dispensing cabinets. C. I. Smith and T. J. Ball. 2,350,075; May 30.
Holding device for the thread package supporting means on winding spindles. E. Zindel. 2,338,852; Jan. 11.
Holding end loops in cables. O. J. Bratz. 2,346,412; Apr. 11.
Hole intermitter, Bottom. C. M. O'Leary. 2,356,423; Aug. 22.
Holes for porcelain, Forming tapped. E. H. Fischer. 2,365,535; Dec. 19.
Hollow glass article, Making. P. R. Luertzing. 2,350,052; May 30.
Hollow glass bodies, Making. K. Rudolph. 2,347,614; Apr. 25.
Hollow glass bodies, Method of and apparatus for forming. P. R. Luertzing. 2,366,118; Dec. 26.
Hollow head poppet valve. A. T. Colwell. 2,354,947; Aug. 1.
Hollow plunger control valve. W. T. Stephens. 2,359,802; Oct. 10.
Hollow products, Production of. W. Opavsky. 2,345,144; Mar. 28.
Hollow structures, Mounting. L. G. Ketcham. 2,356,934; Aug. 29.
Hollow throat saw bit. W. E. Gibbs. 2,360,336; Oct. 17.
Hollow vessel, Noninflammable and shockproof. L. Nast. 2,343,470; Mar. 7.
Hollow walled carton. M. A. Smith. 2,345,716; Apr. 4.
Holster, Forward draw spring. R. F. Tibbetts. 2,347,006; Apr. 18.
Home humidifying system. A. B. Favor. 2,352,527; June 27.
Homogenizing and heat-treating fluids. E. E. Lindsey. 2,353,912; July 18.
Hone. H. E. Wachter. 2,347,856; May 2.
Hone, Adjustable. J. J. Palotce. 2,338,963; Jan. 11.
Hone gauging device. R. Mestas. 2,355,316; Aug. 8.
Honing apparatus. W. M. Fairbairn and S. M. Burdick. 2,343,500; Mar. 7.
Honing arbor. J. Sunnen. 2,350,969; June 6.
Honing device. J. E. Kline and D. T. Peden. 2,363,975; Nov. 28.
Honing device for choked engine cylinders. R. W. McClure. 2,353,409; July 11.
Honing machine. H. R. Berard. Re. 22,423; Jan. 25.
Honing machine. H. J. Caldwell and E. Y. Seborg. 2,343,275; Mar. 7.
Honing machine. G. Crompton, Jr. 2,356,223; Aug. 22.
Honing machine. C. A. Fulmer. 2,353,958; July 18.
Honing machine. W. S. Reynolds and J. R. Turner. 2,356,272; Aug. 22.
Honing mandrel. C. F. Staples. 2,354,890; Aug. 1.
Honing tool. J. E. Kline. 2,349,628; May 23.
Honing tool. M. N. Prange. 2,340,767; Feb. 1.
Honing tool. W. C. Rickrode. 2,340,018; Jan. 25.
Honing tool for tubes. J. E. Kline. 2,343,013; Feb. 29.
Honeycomb frame lifter. C. E. Hartley. 2,350,890; June 6.
Honey filter. R. Neises. 2,359,238; Sept. 26.
Hood closure supporting means. W. H. Krause. 2,348,348; May 9.
Hood, Exhaust. S. E. Woodbury. 2,345,958; Apr. 4.
Hood for cream separators, Sterilizing. P. W. Damon. 2,357,384; Sept. 5.
Hood for stoves. L. C. Kester. 2,353,244; July 11.
Hood latch for horizontally hinged hood closures. W. H. Krause. 2,344,705; Mar. 21.
Hood, Tank hatch. D. R. Stamy, C. E. Fisher, and J. R. Finn. 2,364,671; Dec. 12.
Hook: *See*—
Arch hook.
Chain hook.
Drilling hook.
Gaff hook.
Grappling hook.
Mud hook.
Pelican hook.
Safety box hook.
Safety crane hook.
Safety tackle hook.
Self-releasing safety hook.
Self-setting retractor hook.
Utility hook.
Hook adapted to detachably connect small boats to the davit falls, Coupling. A. J. Higgins and J. M. Poche. 2,347,263; Apr. 25.
Hook and cable connection. O. A. Wirkkala. 2,351,176; June 13.
Hook, Banana. M. Kagan. 2,362,137; Nov. 7.
Hook for apertured articles, Hoisting. E. R. Muddiman. 2,357,054; Aug. 29.
Hook for lifesaving crafts, Automatic releasing. J. Szodomka. 2,345,366; Mar. 28.
Hook for stump clearance. A. W. Evans. 2,359,307; Oct. 3.
Hooks and article formed thereby, Making, downspout. M. Rachlin. 2,365,971; Dec. 26.
Hopper. C. R. Smith. 2,365,441; Dec. 19.
Hopper feed device. A. B. Crawford. 2,341,265; Feb. 8.
Hopper feed mechanism. J. P. Treciokas. 2,354,717; Aug. 1.
Hopper for railway cars. C. Hankins. 2,355,859; Aug. 15.
Hopper gate adjusting means. H. A. Hoke. 2,344,040; Mar. 14.
Hopper nozzle. H. H. Logan. 2,353,346; July 11.
Hopper structure for hot metal mixers, Receiving. H. L. McFeaters. 2,340,193; Jan. 25.
Hopper-type bin. J. E. Bales. 2,350,487; June 6.
Hopper, Water cooled. T. B. Allardice. 2,339,217; Jan. 11.
Hopper, Water sealed. T. B. Allardice. 2,339,215; Jan. 11.
Hopper with metal bottom. T. B. Allardice. 2,339,216; Jan. 11.
Hopple for cows. F. A. Richards. 2,357,426; Sept. 5.
Hops, Method and apparatus for cropping. V. Sykora. 2,356,535; Aug. 22.
Horizontal burner. J. E. Farrell. 2,351,115; June 13.
Horizontal hydroxylating burner. J. L. Breese and B. Hayter. 2,348,721; May 16.
Horizontal tube knitting machine. W. Larkin. 2,343,776; Mar. 7.
Hormone and hormonelike components of the pituitary gland, Separation of the. G. A. Fleischer and E. S. Montclair. 2,362,993; Nov. 21.
Hormone intermediates and preparation of same. R. E. Marker. 2,352,648; July 4.
Hormone intermediates and preparation of the same, Steroidal. R. E. Marker. 2,352,848; July 4.
Hormone, Isolating the lactation-promoting. K. Junkmann and R. Tschesche. 2,364,852; Dec. 12.

Hormone, Obtaining follicle-stimulating. W. H. McShan and R. K. Meyer. 2,362,143; Nov. 7.
Hormone, Obtaining posterior pituitary. H. B. Van Dyke, B. F. Chow, and R. O. Greep. 2,342,172; Feb. 22.
Hormones, and obtaining and separating them, Gonad-stimulating. H. B. van Dyke, R. O. Greep, and B. F. Chow. 2,356,803; Aug. 29.
Horn, Acoustic. V. Salmon. 2,338,262; Jan. 4.
Horn control system. A. D. Baker. 2,340,502; Feb. 1.
Horn control system. R. M. Critchfield, P. L. Schneider, and B. H. Short. 2,350,390; June 6.
Horn ring article holding means. F. N. Mariani. 2,359,771; Oct. 10.
Horse, Mechanical exercising. C. Newman. 2,348,747; May 16.
Horsepower and horsepower factors, Indicating. N. L. Haight. 2,365,073; Dec. 12.
Horsepower indicator. R. W. Jones. 2,346,168; Apr. 11.
Horseshoe. G. A. A. King. 2,353,568; July 11.
Horseshoe type motor. C. Finch. 2,334,401; Mar. 14.
Horticultural and agricultural implement. J. A. Kingston. 2,347,911; May 2.
Hose actuated press. D. H. Duffy, J. W. Wiley, and M. M. Ross. 2,363,779; Nov. 28.
Hose and coupling. T. A. Weiger. 2,359,952; Oct. 10.
Hose and making the same, Crocheted ladies' mesh. M. W. Pollins. 2,360,890; Oct. 24.
Hose clamp. E. E. Bidwell. 2,339,759; Jan. 25.
Hose clamp. G. Colarusso. 2,352,372; June 27.
Hose clamp. A. P. Craig. 2,349,538; May 23.
Hose clamp. J. F. Hurley. 2,358,575; Sept. 19.
Hose clamp. C. W. Prochaska. 2,352,971; July 4.
Hose clamp. H. L. Roberts. 2,354,833; Aug. 1.
Hose clamp. V. E. Sprouse. 2,343,484; Mar. 7.
Hose clamp. V. E. Sprouse. 2,365,017; Dec. 12.
Hose clamp wrench. C. M. Selberg. 2,349,887; May 30.
Hose connector. A. J. Matter. 2,358,333; Aug. 22.
Hose coupling. H. L. Dowell. 2,361,827; Oct. 31.
Hose coupling. F. E. Smith. 2,366,067; Dec. 26.
Hose coupling collapsible tool. F. E. Smith. 2,338,674; Jan. 4.
Hose coupling device. E. H. Shaff. 2,344,740; Mar. 21.
Hose coupling inserting machine. W. E. Ziegler. 2,364,882; Dec. 12.
Hose, Flexible. F. E. Smith. 2,358,743; Sept. 19.
Hose from mandrels, Removing. C. W. Green. 2,361,026; Oct. 24.
Hose handling apparatus. A. L. Grise. 2,358,635; Sept. 19.
Hose holder, W. L. Rombach. 2,355,562; Aug. 8.
Hose, Manufacture of. E. A. Davis. 2,358,909; Sept. 26.
Hose mounting for fluid dispensing apparatus. A. L. Grise. 2,340,217; Jan. 25.
Hose nozzle. R. Doerr. 2,343,647; Mar. 7.
Hose nozzle. H. D. Graham. 2,347,476; Apr. 25.
Hose or band clip. E. T. Pritchard. 2,345,832; Apr. 4.
Hose pipes. B. Wilkinson. 2,364,332; Dec. 5.
Hose pipes, Manufacture of. D. E. F. Canney. 2,353,387; July 11.
Hose reel. J. A. Jensen. 2,348,692; May 9.
Hose reel. F. P. Zierden. 2,339,901; Jan. 25.
Hose, Repairing rubber. J. A. Osella. 2,364,911; Dec. 12.
Hoses, End fitting for flexible. C. D. Watson. 2,341,003; Feb. 8.
Hosiery. E. W. Boedeker. 2,347,457; Apr. 25.
Hosiery. J. L. Getaz. 2,344,350; Mar. 14.
Hosiery. E. H. Sepessy. 2,342,974; Feb. 29.
Hosiery drier. C. T. Griffith, G. H. Gebhardt, and R. P. Helder. 2,361,838; Oct. 31.
Hosiery inspecting machine. E. R. Ammon. 2,363,380; Nov. 21.
Hosiery, Manufacture of. F. O. Donner. 2,338,375; Jan. 4.
Hosiery, Producing. W. L. Smith, Jr. 2,348,313; May 9.
Hospital bed. J. W. Buttikofer. 2,349,701; May 23.
Hot-air furnace. J. H. Honert, O. A. and W. J. Reinhardt. 2,354,418; July 25.
Hot-air furnace. R. L. Judy. 2,357,831; Sept. 12.
Hot-air furnace. O. A. Peters. 2,348,569; May 9.
Hot-air furnace. A. E. Watts. 2,353,606; July 11.
Hot plate, Baby. A. Bartsch. 2,353,383; July 11.
Hot tar roof cart. W. R. Rose. 2,351,292; June 13.
Hot top. B. F. Anthony. 2,341,589; Feb. 15.
Hot top for steel ingot molds. T. C. Sayre. 2,361,386; Oct. 31.
Hot water heating system. E. B. Tidd. 2,343,856; Mar. 7.
Hot water storage tank. H. Del Mar. 2,341,365; Feb. 8.
House, Demountable. J. R. Petter. 2,345,500; Mar. 28.
House of prefabricated room units. E. W. Penton. 2,363,259; Nov. 21.
House structure, Folding. J. Patrick. 2,359,577; Oct. 3.
Housing and caging unit assembly for gyros. B. G. Carlson. 2,348,603; May 9.
Housing and making same. R. M. Heintz and D. J. Conant. 2,353,466; July 11.
Housing and support for pilot lights. C. F. Robbins. 2,339,196; Jan. 11.
Housing, Deep sea apparatus. W. M. Bishop. 2,352,158; June 27.
Housing for combat vehicles, Final drive. H. S. Eberhard. 2,352,086; June 20.
Housing for X-ray tubes, Sealed. E. R. Goldfield and E. B. Graves. 2,359,030; Sept. 26.
Housing structure, Knocked-down. A. L. Strope. 2,355,340; Aug. 8.
Hub damper, Propeller. E. Martin and C. M. Kearns, Jr. 2,353,681; July 18.
Hub extension for mounting tractors. B. M. Hyman. 2,344,306; Mar. 14.
Hub for coaster brakes. J. M. English. 2,357,188; Aug. 29.
Hub, Wheel. C. L. Eksergian. 2,349,220; May 16.
Hull. L. F. Beard. 2,354,569; July 25.
Hull fitting. A. T. Newell. 2,362,298; Nov. 7.
Hull for high-speed boats and the like. V. S. Makaroff. 2,361,556; Oct. 31.
Hull form. W. S. Burgess. 2,347,077; Apr. 18.
Huller, Grain. H. C. Kirn. 2,352,327; June 27.
Humidifier. P. H. Aurich. 2,338,394; Jan. 4.
Humidifier. F. C. Doughman. 2,345,658; Apr. 4.
Humidifier. F. A. Furlong. 2,362,001; Nov. 7.
Humidifier. F. A. Furlong and N. C. Penfold. 2,358,968; Sept. 26.
Humidifier. R. E. Legeman. 2,347,490; Apr. 25.
Humidifier unit. A. H. Bahnson, Jr. 2,350,997; June 13.
Humidifier, Waste water. H. B. Halt. 2,347,905; May 2.
Humidifying apparatus. D. Gessner. 2,344,942; Mar. 28.
Humidifying apparatus. S. W. Mears. 2,365,829; Dec. 26.
Humidifying device, Tobacco. F. L. Galley. 2,365,185; Dec. 19.
Humidity control system. W. A. Ray. 2,354,773; Aug. 1.
Humidity controller. J. D. Askew. 2,344,530; Mar. 21.
Humidity measuring and control apparatus. A. Allen and R. W. Cushman. 2,343,878; Mar. 14.
Hurdle washer. D. D. Cox. 2,356,653; Aug. 22.
Hydrant assembly. J. S. Kiesel. 2,340,965; Feb. 8.
Hydrated magnesium silicate decolorising material, Improving the physical properties of a synthetic. M. Y. Seaton. 2,353,970; July 18.
Hydrating dolomitic or other relatively slow-slaking limes. I. Warner. 2,365,736; Dec. 26.
Hydrator cap. C. W. Hall. 2,345,044; Mar. 28.
Hydraulic actuating mechanism. M. V. Groves. 2,344,299; Mar. 14.
Hydraulic actuating system. W. F. Boldt. 2,351,098; June 13.
Hydraulic actuating system. B. Dick. 2,357,386; Sept. 5.
Hydraulic actuator and control system. E. J. Svenson. 2,363,706; Nov. 28.
Hydraulic apparatus. C. I. MacNeil. 2,364,301; Dec. 5.
Hydraulic apparatus. H. F. Schmidt. 2,350,933; June 6.
Hydraulic back-pressure arrester. M. P. De Motta. 2,352,256; June 27.
Hydraulic booster. W. Stelzer. 2,357,032; Aug. 29.
Hydraulic brake. C. E. Frederickson. 2,346,533; Apr. 18.
Hydraulic brake apparatus. H. F. Schmidt. 2,341,122; Feb. 8.
Hydraulic brake automatic adjuster. D. S. Harp. 2,345,811; Apr. 4.
Hydraulic brake booster. W. Stelzer. 2,359,687; Oct. 3.
Hydraulic brake compressor, Compound. M. V. Groves. 2,343,900; Mar. 14.
Hydraulic brake control system. E. B. Morgan and J. F. Woods. 2,345,280; Mar. 28.
Hydraulic brake system. W. C. Johnson. 2,349,791; May 23.
Hydraulic braking systems for tractors. R. D. Action. 2,362,521; Nov. 14.
Hydraulic built-in jack. C. H. Smith. 2,343,937; Mar. 14.
Hydraulic carriage feed. A. V. Huennekens and G. L. Gavin. 2,357,514; Sept. 5.
Hydraulic check. H. A. Knox. 2,343,301; Mar. 7.
Hydraulic circuit. F. W. Curtis. 2,365,748; Dec. 26.
Hydraulic clutch. A. E. Kramer. 2,346,482; May 9.
Hydraulic clutch. A. N. Thomas. Re. 22,577; Dec. 12.
Hydraulic clutch. F. L. Zybach. 2,355,773; Aug. 15.
Hydraulic composition. H. F. Gardner. 2,358,701; Sept. 19.
Hydraulic continuous press for concrete and the like. A. Falasconi. 2,349,150; May 16.
Hydraulic control means for tractor-drawn disk harrows. F. C. Warne. 2,351,168; June 13.
Hydraulic control mechanism. C. H. Napier. 2,349,295; May 23.
Hydraulic control mechanism. P. N. Oberholtzer. 2,338,350; Jan. 4.
Hydraulic control mechanism, P. C. Temple. 2,339,728; Jan. 18.
Hydraulic control mechanism. P. C. Temple. 2,358,887; Sept. 26.
Hydraulic control system. R. L. Levy. 2,365,091; Dec. 12.
Hydraulic control system for excavating cranes. J. D. Hale. 2,356,517; Aug. 22.
Hydraulic control valve. W. T. Stephens. 2,362,945; Nov. 14.
Hydraulic controls, Stabilising. H. Ziebolz. 2,358,611; Sept. 19.
Hydraulic coupling. W. J. Crites. 2,358,058; Sept. 12.
Hydraulic coupling. A. Lysholm. 2,357,328; Sept. 5.
Hydraulic coupling. T. R. Smith. 2,360,732; Oct. 17.

Hydraulic damping and stabilizing device. A. A. Morton. 2,344,050; Mar. 14.
Hydraulic decelerometer. R. M. Oliver. 2,347,962; May 2.
Hydraulic double-action draw press. A. K. Nowak and T. W. Bannon. 2,357,019; Aug. 29.
Hydraulic dredging apparatus. C. K. Little. 2,352,394; June 27.
Hydraulic drilling apparatus. R. R. Hays. 2,345,816; Apr. 4.
Hydraulic drilling device. E. Merten. 2,359,147; Sept. 26.
Hydraulic drive. R. Tyler. 2,360,598; Oct. 17.
Hydraulic fluid. J. M. Clark. 2,345,586; Apr. 4.
Hydraulic fluid. J. M. Clark and R. E. Van Deventer. 2,345,585; Apr. 4.
Hydraulic flush valve mechanism. J. H. Owens. 2,341,116; Feb. 8.
Hydraulic force transmission. R. S. Bohannan. 2,352,934; July 4.
Hydraulic gear pump. J. P. Johnson. 2,346,761; Apr. 18.
Hydraulic gear shifting and driving system. C. E. Linden and R. H. McClellan. 2,360,995; Oct. 17.
Hydraulic gun charger. J. F. Drescher and W. E. Hirtensteiner. 2,356,981; Aug. 29.
Hydraulic jack. E. R. Kirkland. 2,352,390; June 27.
Hydraulic jack. W. E. Mainwaring. 2,354,036; July 18.
Hydraulic jack. C. Stutter. 2,356,899; Aug. 29.
Hydraulic level control for mixing machines. E. G. Berg and M. Ovestrud. 2,348,879; May 16.
Hydraulic locking mechanism. W. A. Ashton. 2,360,535; Oct. 17.
Hydraulic machine tool. E. P. Bullard, III. 2,356,028; Aug. 15.
Hydraulic mechanism. J. D. Johnson. 2,340,474; Feb. 1.
Hydraulic mechanism. E. C. Neal. 2,342,959; Feb. 29.
Hydraulic medium. B. J. Craig. 2,350,990; June 13.
Hydraulic motor. A. L. Parker. 2,350,066; May 30.
Hydraulic movement-controlling device. N. V. Smith. 2,354,989; Aug. 1.
Hydraulic oils, Manufacture of. M. Pier, W. Kroenig, and V. Rank. 2,339,108; Jan. 11.
Hydraulic operator. R. L. Harter. 2,355,434; Aug. 8.
Hydraulic piston snubber. G. W. Gunner and C. J. Turansky. 2,338,845; Jan. 11.
Hydraulic piston valve. J. M. Towler and F. H. Towler. 2,361,801; Oct. 31.
Hydraulic power control valve. V. A. Tauscher. 2,359,496; Oct. 3.
Hydraulic power lift. E. McCormick and M. Hansen. 2,344,156; Mar. 14.
Hydraulic power plant. H. R. Fischer and E. W. Stevens. 2,365,536; Dec. 19.
Hydraulic power transmission. G. F. Rupp. 2,355,604; Aug. 15.
Hydraulic power transmission for presses. R. Von Rotz. 2,365,157; Dec. 19.
Hydraulic power transmission pump or motor. M. C. Whitmore. 2,362,602; Nov. 14.
Hydraulic press. R. T. Cornelius. 2,357,632; Sept. 5.
Hydraulic press. W. Ernst. 2,357,508; Sept. 5.
Hydraulic press. W. Ernst and D. C. Youngblood. 2,354,003; July 18.
Hydraulic press. P. E. Flowers. 2,343,177; Feb. 29.
Hydraulic press. L. Iversen. 2,360,060; Oct. 10.
Hydraulic press. W. C. Denison, Jr. 2,362,054; Nov. 7.
Hydraulic press. J. H. Maude. 2,358,950; Sept. 19.
Hydraulic press. J. H. Maude. 2,358,759; Sept. 19.
Hydraulic press. M. A. Monier. 2,350,795; June 6.
Hydraulic press. A. L. Parker. 2,351,872; June 20.
Hydraulic press. T. F. Stacy. 2,358,353; Sept. 19.
Hydraulic press control. P. C. Collins. 2,350,217; May 30.
Hydraulic press system. L. A. Camerota. 2,351,317; June 13.
Hydraulic presses, Reducing the dwell in. P. E. Flowers. 2,346,212; Apr. 11.
Hydraulic pressure control valve unit. B. N. Ashton. 2,349,069; May 16.
Hydraulic pressure device, Rotary. H. Z. Gora. 2,365,263; Dec. 19.
Hydraulic propelling mechanism. E. J. Svenson. 2,363,707; Nov. 28.
Hydraulic pump. H. F. Frimel. 2,349,161; May 16.
Hydraulic pump. L. J. Garday. 2,350,502; June 6.
Hydraulic regulator system. J. B. Parsons. 2,346,387; Apr. 11.
Hydraulic remote-control apparatus. A. Arnot. 2,339,132; Jan. 11.
Hydraulic remote control system. J. B. Van Der Werff. 2,359,949; Oct. 10.
Hydraulic riveter. H. R. Fischer and E. W. Stevens. 2,365,537; Dec. 19.
Hydraulic scoop. B. Ender. 2,350,327; June 6.
Hydraulic sealing machine. W. L. Owens. 2,350,474; June 6.
Hydraulic shock absorber. W. Zens. 2,352,063; June 20.
Hydraulic shock absorber valving assembly. G. M. Magrum. 2,358,988; Sept. 26.
Hydraulic surface grinding machine. H. A. Silven. 2,361,903; Oct. 31.
Hydraulic surge method. J. C. Mason. 2,361,558; Oct. 31.
Hydraulic system and control. H. W. Adams and O. A. Wheelon. 2,350,662; June 6.
Hydraulic system for machine tools. W. G. Baldenhofer. 2,349,602; May 23.
Hydraulic table reciprocating mechanism. F. E. Johnson. 2,361,849; Oct. 31.
Hydraulic testing machine. W. E. Garwood. 2,365,693; Dec. 26.
Hydraulic testing machine and testing. A. A. Deam and G. B. Eckstein. 2,341,270; Feb. 8.
Hydraulic tie remover. H. B. Hughes. 2,358,806; Sept. 26.
Hydraulic transmission. O. A. Banner. 2,350,865; June 6.
Hydraulic transmission. F. O. Johnson. 2,359,423; Oct. 3.
Hydraulic transmission. C. H. Merrell. 2,342,002; Feb. 15.
Hydraulic transmission. G. A. Wahlmark. 2,344,335; Mar. 14.
Hydraulic transmission and differential gearing. C. A. Norman. 2,353,060; July 4.
Hydraulic tube coupling. D. R. Hillis. 2,354,460; July 25.
Hydraulic turbine control system. A. Pfau and T. B. Montgomery. 2,343,223; Feb. 29.
Hydraulic valve. R. D. Bennett. 2,363,111; Nov. 21.
Hydraulic vehicle brake. P. A. Scott-Iversen. 2,358,740; Sept. 19.
Hydraulic water pump. E. W. Gutsch. 2,339,990; Jan. 25.
Hydraulic winding machine. F. T. Harrington and J. Robinson. 2,357,821; Sept. 12.
Hydraulic work holder. J. T. Obecny. 2,339,799–800; Jan. 25.
Hydraulically balanced gearing. O. A. Carnahan. 2,347,663; May 2.
Hydraulically reciprocable pump mechanism. E. J Svenson. 2,341,195; Feb. 8.
Hydrazides and preparing same. C. Graenacher and R. Sallmann. 2,355,911; Aug. 15.
Hydrazides of dihydro lysergic acid and dihydro isolysergic acid and their manufacture. A. Stoll and A. Hofmann. 2,359,688; Oct. 3.
Hydrobromic acid, Preparing. F. Goldschmidt and F. Deutsch. 2,342,465; Feb. 22.
Hydrocarbon burner. B. A. Schaumann. 2,346,333; Apr. 11.
Hydrocarbon conversion. A. J. Abrams. 2,354,354; July 25.
Hydrocarbon conversion. M. H. Arveson. 2,360,463; Oct. 17.
Hydrocarbon conversion. D. R. Carmody, B. L. Evering, and E. L. d'Ouville. 2,354,652; Aug. 1.
Hydrocarbon conversion. R. B. Day and E. R. Kanhofer. 2,339,915–6–7; Jan. 25.
Hydrocarbon conversion. R. B. Day and E. R. Kanhofer. 2,341,269; Feb. 8.
Hydrocarbon conversion. R. B. Day and E. R. Kanhofer. 2,344,290; Mar. 14.
Hydrocarbon conversion. E. L. d'Ouville and B. L. Evering. 2,361,611; Oct. 31.
Hydrocarbon conversion. B. L. Evering and E. L. d'Ouville. 2,361,368; Oct. 31.
Hydrocarbon conversion. H. O. Folkins and C. M. Thacker. 2,350,159; May 30.
Hydrocarbon conversion. E. R. Kanhofer. 2,353,731; July 18.
Hydrocarbon conversion. G. G. Lamb and F. H. Blunck. 2,340,600; Feb. 1.
Hydrocarbon conversion. J. McAfee. 2,352,755; July 4.
Hydrocarbon conversion. E. F. Nelson. 2,353,923; July 18.
Hydrocarbon conversion. R. F. Ruthruff. 2,357,691; Sept. 5.
Hydrocarbon conversion. W. A. Schulze and C. J. Helmers. 2,353,509; July 11.
Hydrocarbon conversion. E. Solomon, H. J. Passino, and L. C. Rubin. 2,364,106; Dec. 5.
Hydrocarbon conversion. H. S. Taylor, H. Fehrer, and J. Turkevich. 2,357,271; Aug. 29.
Hydrocarbon conversion. C. L. Thomas. 2,363,911; Nov. 28.
Hydrocarbon conversion. C. L. Thomas. 2,339,918; Jan 25.
Hydrocarbon conversion, Balancing. C. W. Nysewander. 2,339,874; Jan. 25.
Hydrocarbon conversion process. W. L. Benedict. 2,362,795; Nov. 14.
Hydrocarbon conversion process. F. E. Frey. 2,348,802; May 16.
Hydrocarbon conversion process. L. G. Molique. 2,365,426; Dec. 19.
Hydrocarbon conversion process. G. B. Zimmerman. 2,345,785; Apr. 4.
Hydrocarbon conversions, Catalytic. L. J. Kelly and L. Van Horn. 2,357,332; Sept. 5.
Hydrocarbon conversion reactions, Effecting. J. D. Danforth. 2,354,851; Aug. 1.
Hydrocarbon distillate, Desulphurizing. L. L. Lovell. 2,357,121; Aug. 29.
Hydrocarbon distillates, Desulphurizing. W. A. Proell and F. K. Ovitz. 2,361,651; Oct. 31.

Hydrocarbon distillates, Processing. E. T. Layng and V. Voorhees. 2,364,453; Dec. 5.
Hydrocarbon distillates, Treatment of. W. J. Mattox. 2,348,557; May 9.
Hydrocarbon fluid, Treating. E. D. Reeves. 2,354,546; July 25.
Hydrocarbon fluids, Removal of carbonyl sulphide from low-boiling. W. A. Schulze. 2,362,669; Nov. 14.
Hydrocarbon fluids, Treating. E. J. Ogorzaly. 2,344,449; Mar. 14.
Hydrocarbon fluids, Treating. E. D. Reeves and P. H. Holt, 2nd. 2,344,900; Mar. 21.
Hydrocarbon fluids, Treating. G. A. Rial. 2,356,697; Aug. 22.
Hydrocarbon fluids, Treating. W. H. Rupp and C. T. Harding. 2,356,700; Aug. 22.
Hydrocarbon fluids, Treating. R. F. Ruthruff. 2,353,624; July 11.
Hydrocarbon fluids, Treating. G. A. Stein, Jr. 2,355,016; Aug. 1.
Hydrocarbon fractions, Treatment of. C. H. Schlesman and J. H. McCracken. 2,356,357; Aug. 22.
Hydrocarbon from a mixture containing the same, Separation of an unsaturated. B. S. Friedman and R. F. Stedman. 2,363,309; Nov. 21.
Hydrocarbon fuel burning device. E. E. Goller and L. R. Foster. 2,356,994; Aug. 29.
Hydrocarbon gases, Treating. J. L. Hall. 2,341,320; Feb. 8.
Hydrocarbon hydrates, System for forming and storing. A. J. L. Hutchinson. 2,356,407; Aug. 22.
Hydrocarbon liquids, Purification of. W. A. Schulze. 2,356,096; Aug. 15.
Hydrocarbon liquids, Removing mercaptans from. L. M. Henderson and G. W. Ayers, Jr. 2,341,917; Feb. 15.
Hydrocarbon materials, Treatment of. F. E. Frey. 2,347,945; May 2.
Hydrocarbon mixture. R. M. Deanesly and A. Wachter. 2,342,074; Feb. 15.
Hydrocarbon mixtures, Improving. L. J. Beckham. 2,354,359; July 25.
Hydrocarbon mixtures, Separating. C. E. Andrews and M. R. Fenske. 2,346,639; Apr. 18.
Hydrocarbon oil, Compounded. G. H. Denison, Jr., and P. C. Pandit. 2,346,154; Apr. 11.
Hydrocarbon oil, Compounded. D. H. Etsler and B. B. Farrington. 2,360,302; Oct. 10.
Hydrocarbon oil containing organic polysulphides as oxidation inhibitors. R. Rosen and R. M. Thomas. 2,338,669; Jan. 4.
Hydrocarbon oil, Conversion of. C. L. Thomas and E. C. Lee. 2,347,648; May 2.
Hydrocarbon oil, Neutralising. V. L. Chechot. 2,361,455; Oct. 31.
Hydrocarbon oil, Removing mercaptans from. L. M. Henderson, G. W. Ayers, Jr., and T. L. McNamara. 2,341,918; Feb. 15.
Hydrocarbon oil, Treating. T. L. McNamara and L. M. Henderson. 2,350,176; May 30.
Hydrocarbon oils and transformer coolants, Dehydrating and deacidifying. T. W. Buttner and J. G. Martin. 2,342,723; Feb. 29.
Hydrocarbon oils, Catalytically processing. G. D. Creelman. 2,338,573; Jan. 4.
Hydrocarbon oils, Conversion of. J. M. Barron. 2,338,794; Jan. 11.
Hydrocarbon oils, Conversion of. G. C. Connolly. 2,340,934; Feb. 8.
Hydrocarbon oils, Conversion of. G. C. Connolly. 2,341,363; Feb. 8.
Hydrocarbon oils, Conversion of. C. E. Hemminger. 2,350,508; June 6.
Hydrocarbon oils, Conversion of. O. L. Roberts. 2,343,927; Mar. 14.
Hydrocarbon oils, Conversion of. J. D. Seguy. 2,352,025; June 20.
Hydrocarbon oils, Conversion of. B. Sheppard. 2,348,156; May 2.
Hydrocarbon oils, Conversion of. J. W. Ward. 2,356,019; Aug. 15.
Hydrocarbon oils, Hydrogenating. H. E. Drennan. 2,365,751; Dec. 26.
Hydrocarbon oils, Production of. W. Kroenig, W. v. Fuener, and G. Grass. 2,338,119; Jan. 4.
Hydrocarbon oils, Sweetening light. A. R. Workman. 2,338,371; Jan. 4.
Hydrocarbon oils, Treatment of. V. N. Ipatieff and L. Schmerling. 2,341,782; Feb. 15.
Hydrocarbon petroleum stocks, Treatment of. M. Blumer. 2,358,773; Sept. 26.
Hydrocarbon polymer, Stabilised high molecular weight. W. J. Daly. 2,340,938; Feb. 8.
Hydrocarbon products, Nonvolatile. E. C. Hughes. 2,363,001; Nov. 21.
Hydrocarbon reaction. W. H. Shiffler and L. P. Elliott. 2,353,506; July 11.
Hydrocarbon-substituted amino triazines, Preparing. G. F. D'Alelio and J. J. Pyle. 2,361,623; Oct. 31.
Hydrocarbon synthesis. R. C. Gunness. 2,347,682; May 2.
Hydrocarbon synthesis. C. L. Thomas. 2,340,908; Feb. 8.
Hydrocarbon treatment. S. C. Fulton and T. Cross, Jr. 2,363,858; Nov. 28.
Hydrocarbon, Treatment of. W. J. Mattox. 2,340,007; Jan. 25.
Hydrocarbons, alcohols and formaldehyde, Synthesis of. P. X. Spilliane. 2,349,915; May 30.
Hydrocarbons, Alkylation of. F. H. Bruner. 2,363,116; Nov. 21.
Hydrocarbons, Alkylation of. F. H. Bruner, L. A. Clarke, and R. L. Sawyer. 2,345,095; Mar. 28.
Hydrocarbons, Alkylation of. J. D. Danforth. 2,342,123; Feb. 22.
Hydrocarbons, Alkylation of. A. R. Goldsby and E. F. Pevere, L. A. Clarke and G. B. Hatch. 2,348,467; May 9.
Hydrocarbons, Alkylation of. V. Haensel. 2,351,609; June 20.
Hydrocarbons, Alkylation of. V. N. Ipatieff and H. Pines. 2,342,865; Feb. 29.
Hydrocarbons, Alkylation of isoparaffinic. W. E. Bradley and K. J. Korpi. 2,365,860; Dec. 26.
Hydrocarbons and alkyl esters from mixtures thereof, Separating and recovering. F. M. Pyzel. 2,353,500; July 11.
Hydrocarbons and hydrofluoric acid, Treatment of mixtures of. J. D. Gibson. 2,347,317; Apr. 25.
Hydrocarbons, Aromatizing. R. F. Ruthruff. 2,356,701; Aug. 22.
Hydrocarbons, Catalytic conversion of. J. G. Alther. 2,346,652; Apr. 18.
Hydrocarbons, Catalytic conversion of. H. V. Atwell. 2,355,198; Aug. 8.
Hydrocarbons, Catalytic conversion of. R. E. Burk and E. C. Hughes. 2,345,096; Mar. 28.
Hydrocarbons, Catalytic conversion of. J. D. Danforth. 2,339,247; Jan. 18.
Hydrocarbons, Catalytic conversion of. J. D. Danforth. 2,356,978; Aug. 29.
Hydrocarbons, Catalytic conversion of. Du B. Eastman and C. Richter. 2,348,794; May 16.
Hydrocarbons, Catalytic conversion of. A. V. Grosse and J. C. Morrell. 2,343,851-2; Mar. 7.
Hydrocarbons, Catalytic conversion of. P. Mather and L. A. Mekler. 2,357,531; Sept. 5.
Hydrocarbons, Catalytic conversion of. P. Mather and L. A. Mekler. 2,365,893; Dec. 26.
Hydrocarbons, Catalytic conversion of. K. Peters. 2,356,611; Aug. 22.
Hydrocarbons, Catalytic conversion of. C. L. Thomas. 2,363,025; Nov. 21.
Hydrocarbons, Catalytic conversion of. C. L. Thomas. 2,342,983; Feb. 29.
Hydrocarbons, Catalytic conversion of. C. L. Thomas. 2,358,888; Sept. 26.
Hydrocarbons, Catalytic conversion of. C. R. Wagner and C. M. Ridgway. 2,350,204; May 30.
Hydrocarbons, Catalytic conversion of. L. L. Wolk. 2,363,716; Nov. 28.
Hydrocarbons, Catalytic cracking of. J. D. Danforth. 2,339,250; Jan. 18.
Hydrocarbons, Catalytic cracking of. M. Pier and G. Free. 2,343,472; Mar. 7.
Hydrocarbons, Catalytic treatment of. J. D. Danforth. 2,339,249; Jan. 18.
Hydrocarbons, Catalytic treatment of. E. R. Kanhofer. 2,341,792; Feb. 15.
Hydrocarbons, Catalytic treatment of. E. R. Kanhofer. 2,352,484; June 27.
Hydrocarbons, Catalytic treatment of. C. L. Thomas and J. D. Danforth. 2,339,302; Jan. 18.
Hydrocarbons, Conversion. G. Egloff and V. Komarewsky. 2,355,961; Aug. 15.
Hydrocarbons, Conversion of. A. J. Abrams and I. H. Welinsky. 2,354,355; July 25.
Hydrocarbons, Conversion of. D. R. Carmody. 2,361,600; Oct. 31.
Hydrocarbons, Conversion of. H. Dimmig. 2,358,912; Sept. 26.
Hydrocarbons, Conversion of. G. Egloff. 2,343,649; Mar. 7.
Hydrocarbons, Conversion of. G. Egloff. 2,360,553; Oct. 17.
Hydrocarbons, Conversion of. F. C. Fahnestock. 2,362,621; Nov. 14.
Hydrocarbons, Conversion of. V. A. Kalichevsky. 2,342,080; Feb. 15.
Hydrocarbons, Conversion of. E. R. Kanhofer. 2,339,995; Jan. 25.
Hydrocarbons, Conversion of. K. J. Korpi. 2,345,128; Mar. 28.
Hydrocarbons, Converson of. F. T. Miles. 2,344,258; Mar. 14.
Hydrocarbons, Conversion of. C. W. Nysewander and N. Fragen. 2,342,888; Feb. 29.
Hydrocarbons, Conversion of. E. F. Pevere. 2,349,053; May 16.
Hydrocarbons, Conversion of. H. Pines and V. N. Ipatieff. 2,340,557; Feb. 1.
Hydrocarbons, Conversion of. H. Pines and V. N. Ipatieff. 2,356,001; Aug. 15.
Hydrocarbons, Conversion of. L. Schmerling and A. M. Durinski. 2,350,825; June 6.
Hydrocarbons, Conversion of. W. B. Shanley. 2,344,950; Mar. 28.
Hydrocarbons, Conversion of. J. D. Seguy. 2,348,576; May 9.

Hydrocarbons, Conversion of. E. E. Sensel and A. R. Goldsby. 2,350,834; June 6.
Hydrocarbons, Conversion of. J. F. Sturgeon. 2,344,330; Mar. 14.
Hydrocarbons, Conversion of. K. D. Uittl. 2,342,383; Feb. 22.
Hydrocarbons, Conversion of. H. R. Warrick. 2,345,995; Apr. 4.
Hydrocarbons, Converting. F. E. Frey. 2,347,256; Apr. 25.
Hydrocarbons, Converting. F. E. Frey, R. D. Snow and W. F. Huppke. 2,349,160; May 16.
Hydrocarbons, Cracking and reforming of. J. Noorduyn. 2,353,490; July 11.
Hydrocarbons, Cracking of. B. M. Vanderbilt. 2,347,527; Apr. 25.
Hydrocarbons, Dehydrogenation of. C. M. Thacker. 2,354,892; Aug. 1
Hydrocarbons, Dehydrogenation of gaseous and liquid. H. B. Kipper. 2,365,413; Dec. 19.
Hydrocarbons, Dehydration of normally gaseous. R. Pyzel and C. G. Gerhold. 2,362,093; Nov. 7.
Hydrocarbons, Distillation of. W. W. Kraft. 2,357,664; Sept. 5.
Hydrocarbons, Distillation of. W. Ullrich. 2,357,710; Sept. 5.
Hydrocarbons for polymerization, Preparing. H. L. Hays and J. L. Maher. 2,351,123; June 13.
Hydrocarbons, Fractionation of hydrate-forming. A. J. L. Hutchinson. 2,363,529; Nov. 28.
Hydrocarbons from natural gas, Extraction of. D. G. Brandt. 2,365,585; Aug. 8.
Hydrocarbons from petroleum fractions, Producing valuable aromatic. R. Rosen. 2,363,263; Nov. 21.
Hydrocarbons from primary aliphatic amines, Preparation of unsaturated. M. R. McCorkle. 2,355,314; Aug. 8.
Hydrocarbons, Hydrogenated liquid. R. L. Jenkins. 2,364,719; Dec. 12.
Hydrocarbons, Isomerization of. J. D. Danforth. 2,342,922; Feb. 29.
Hydrocarbons, Isomerization of. H. E. Drenan. 2,361,613; Oct. 31.
Hydrocarbons, Isomerization of. R. W. Henry. 2,366,028; Dec. 26.
Hydrocarbons, Isomerization of. C. L. Thomas. 2,365,917; Dec. 26.
Hydrocarbons, Isomerization of. S. B. Thomas. 2,351,577; June 13.
Hydrocarbons, Isomerization of. J. D. Upham. 2,356,487; Aug. 22.
Hydrocarbons, Isomerization of. A. J. van Peski. 2,338,472; Jan. 4.
Hydrocarbons, Isomerization of paraffinic. V. N. Ipatieff and L. Schmerling. 2,347,266; Apr. 25.
Hydrocarbons, Manufacture of alkylated benzene. W. Kaplan. 2,343,870; Mar. 14.
Hydrocarbons, Manufacture of liquid. W. Kroenig. 2,345,877; Apr. 4.
Hydrocarbons, Method of and apparatus for the catalytic conversion of. Du B. Eastman, R. E. Nagle, and R. L. Savage, Jr. 2,339,846; Jan. 25.
Hydrocarbons, Oxidation of halogenated. W. L. Faith. 2,365,631; Dec. 19.
Hydrocarbons, Polymerization of. L. A. Bannon. 2,363,221; Nov. 21.
Hydrocarbons, Preparation of unsaturated halogenated aliphatic. O. W. Cass. 2,342,100; Feb. 22.
Hydrocarbons, Producing. F. E. Frey and H. J. Hepp. 2,350,501; June 6.
Hydrocarbons, Production of. K. Meisenheimer and A. Scheuermann. 2,363,739; Nov. 28.
Hydrocarbons, Production of. G. Wirth, W. Wenzel, F. Sabel, and H. Laudenklos. 2,338,475; Jan. 4.
Hydrocarbons, Production of. G. Wirth and H. Laudenklos. 2,345,957; Apr. 4.
Hydrocarbons, Production of. G. Wirth, F. Sabel, and H. Laudenklos. 2,351,248; June 13.
Hydrocarbons, Production of aromatic. C. Weizmann. 2,349,781; May 23.
Hydrocarbons, Production of low boiling. J. R. Bates and R. W. Harkness. 2,339,246; Jan. 18.
Hydrocarbons, Production of valuable. N. K. Chaney. 2,357,315; Sept. 5.
Hydrocarbons, Pyrolysis of. W. B. Hincke. 2,343,866; Mar. 14.
Hydrocarbons, Reaction of. L. P. Elliott and L. F. Brooke. 2,347,999; May 2.
Hydrocarbons, Reaction of paraffinic. J. J. Owen and E. E. Stahly. 2,349,458; May 23.
Hydrocarbons, Recovering. W. A. Heath. 2,347,778; May 2.
Hydrocarbons, Recovery of. P. C. Keith. 2,355,167; Aug. 8.
Hydrocarbons, Recovery of light. D. G. Brandt. 2,355,589; Aug. 8.
Hydrocarbons, Recovery of valuable. N. K. Chaney. 2,341,527; Feb. 15.
Hydrocarbons, Removing impurities. C. H. M. Roberts. 2,355,678; Aug. 15.
Hydrocarbons, Separating. F. E. Frey. 2,363,782; Nov. 28.
Hydrocarbons, Separating. C. E. Welling. 2,342,990; Feb. 29.
Hydrocarbons, Separation and purification. J. A. Patterson. 2,361,493; Oct. 31.
Hydrocarbons, Solubilization of petroleum. L. Liberthson. 2,338,522; Jan. 4.
Hydrocarbons, Stabilizing. G. S. Houghland. 2,348,681; May 9.
Hydrocarbons, Synthesis of. C. E. Hemminger. 2,354,261; July 25.
Hydrocarbons to produce valuable products, Treatment of. F. E. Frey. 2,362,196; Nov. 7.
Hydrocarbons, Treating. C. E. Hemminger. 2,349,428; May 23.
Hydrocarbons, Treating. W. A. Schulze. 2,351,154; June 13.
Hydrocarbons, Treating. W. B. Shanley. 2,346,401; Apr. 11.
Hydrocarbons, Treating. I. L. Wolk. 2,363,824; Nov. 28.
Hydrocarbons, Treatment of. H. S. Bloch. 2,357,495; Sept. 5.
Hydrocarbons, Treatment of. H. S. Bloch. 2,358,311; Sept. 19.
Hydrocarbons, Treatment of. E. Buddrus and H. L. Hays. 2,361,008; Oct. 24.
Hydrocarbons, Treatment of. J. D. Danforth. 2,342,124; Feb. 22.
Hydrocarbons, Treatment of. G. Egloff. 2,348,531; May 9.
Hydrocarbons, Treatment of. G. Egloff. 2,360,552; Oct. 17.
Hydrocarbons, Treatment of. G. A. Ibach. 2,352,789; July 4.
Hydrocarbons, Treatment of. V. N. Ipatieff and L. Schmerling. 2,358,011; Sept. 12.
Hydrocarbons, Treatment of. H. R. Johnson. 2,348,543; May 9.
Hydrocarbons, Treatment of. H. R. Johnson. 2,355,076-8; Aug. 8.
Hydrocarbons, Treatment of. E. T. Layng. 2,363,187; Nov. 21.
Hydrocarbons, Treatment of. W. J. Mattox. 2,344,318; Mar. 14.
Hydrocarbons, Treatment of. W. J. Mattox and W. L. Benedict. 2,364,739; Dec. 12.
Hydrocarbons, Treatment of. J. M. Mavity. 2,351,624; June 20.
Hydrocarbons, Treatment of. J. M. Mavity. 2,365,895; Dec. 26.
Hydrocarbons, Treatment of. V. Mekler. 2,342,881; Feb. 29.
Hydrocarbons, Treatment of. F. C. Moriarty. 2,348,745; May 16.
Hydrocarbons, Treatment of. G. G. Oberfell. 2,355,392; Aug. 8.
Hydrocarbons, Treatment of. L. Schmerling. 2,353,766; July 18.
Hydrocarbons, Treatment of. L. Schmerling and V. N. Ipatieff. 2,349,834; May 30.
Hydrocarbon, Treatment of. W. A. Schulze. 2,348,931; May 16.
Hydrocarbons, Treatment of. C. L. Thomas. 2,352,236; June 27.
Hydrocarbons, Treatment of. A. Szayna. 2,356,711; Aug. 22.
Hydrocarbons, Treatment of. J. E. Westenberg. 2,338,272; Jan. 4.
Hydrocarbons, Treatment of. P. Woog. 2,352,059; June 20.
Hydrocarbons, Treatment of aromatic. L. Schmerling and A. M. Durinski. 2,364,762; Dec. 12.
Hydrocarbons with radioactive materials, Treatment of. T. P. Remy. 2,350,330; June 6.
Hydrochloric acid, Purification of. A. F. Benning, F. B. Downing, and R. J. Plunkett. 2,345,696; Apr. 4.
Hydrochloric acid, Purification of. R. F. Laird and R. G. Hartig. 2,343,462; Mar. 7.
Hydrochloric acid, Purifying. F. L. Frost, Jr., 2,347,257; Apr. 25.
Hydrochloride film, Elasticized rubber. G. W. Ferner. 2,349,036; May 16.
Hydrochloride of amino-azo-toluenes. G. McG. Richardson. 2,346,508; Apr. 11.
Hydrochloride, Rubber. W. Scott. 2,343,834; Mar. 7.
Hydrodynamic transmission. L. E. La Brie. 2,343,304; Mar. 7.
Hydroelectrode control. W. C. Buttner. 2,356,117; Aug. 15.
Hydroextractor. I. P. Denyssen. 2,341,211; Feb. 8.
Hydroextractor. I. P. Denyssen and R. M. Pfalzgraff. 2,362,193; Nov. 7.
Hydrofluoric acid alkylation of paraffin. M. P. Matuszak. 2,360,436; Oct. 17.
Hydrogen chloride, Production of anhydrous. D. A. Smith and W. B. Franklin. 2,351,461; June 13.
Hydrogen chloride, Storing and concentrating anhydrous. A. H. Maude and D. S. Rosenberg. 2,356,259; Aug. 22.
Hydrogen chloride, Storing and concentrating anhydrous. A. H. Maude and D. S. Rosenberg. 2,356,334; Aug. 22.
Hydrogen chloride, Storing and concentrating anhydrous. S. G. Osborne and A. H. Maude. 2,356,345; Aug. 22.
Hydrogen halide recovery. K. H. Hachmuth. 2,355,857; Aug. 15.
Hydrogen ion exchange apparatus. F. W. Whitlock. 2,351,648; June 20.

Hydrogen ion meter. A. E. Cameron. 2,340,641; Feb. 1.
Hydrogen peroxide, Storing and shipping. W. S. Riggs and R. Lehmann. 2,346,609; Apr. 11.
Hydrogenated product. I. W. Humphrey. 2,346,920–1; Apr. 18.
Hydrogenation, Destructive. A. K. Redcay. 2,358,879; Sept. 26.
Hydrogenation of hydracarbon materials. L. Schmerling and V. N. Ipatieff. 2,348,702; May 9.
Hydrogenation of rosin compounds. W. A. Lazier. 2,354,235; Sept. 12.
Hydrogenation process. W. A. Lazier. 2,358,234; Sept. 12.
Hydrokinetic torque tranamitting device. F. A. M. Heppner. 2,349,725; May 23.
Hydrolysis, Method of. W. W. Plechner and J. M. Jarmus. 2,344,265; Mar. 14.
Hydromechanical transmission, Reversible. H. O. Putt. 2,345,606; Apr. 11.
Hydromechanically controlled mechanism. J. F. Moran. 2,345,788; Mar. 7.
Hydrometric apparatus. A. M. S. Will. 2,342,441; Feb. 22.
Hydrophilic polymerization products of the superpolyamide type, Manufacture of. M. Hagedorn. 2,356,516; Aug. 22.
Hydrophilic polymerization products of the superpolyamide type, Manufacture of. M. Hagedorn. 2,357,187; Aug. 29.
Hydroplanetary transmission. W. L. Pollard. 2,352,004; June 20.
Hydropneumatic, pumping jack. W. B. Reed. 2,363,142; Nov 21.
Hydrostatic pump. W. Sprecher and C. Ware. 2,362,777; Nov. 14.
Hydroturbine pump. I. C. Jennings. 2,364,370; Dec. 5.
Hydrous chromic oxide, Production and acid treatment of. M. Darrin. 2,350,960; June 6.
Hydrovacuumatic balance. C. R. Buchet. 2,351,398; June 13.
Hydroxyacetic acid, Preparation of flake. F. J. Appel. 2,341,258; Feb. 8.
Hydroxy-anilido-naphthalene-sulphonamides, New. H. A. Lubs and N. M. Bigelow. 2,344,625; Mar. 21.
Hydroxy-keto compounds having a cyclopentano-polyhydrophenanthrene nucleus, Manufacture of. R. Oppenauer. 2,363,548; Nov. 28.
Hydroxyl derivatives of the cyclopentano polyhydrophenanthrene series and manufacture of the same. W. Logemann and H. Dannenbaum. 2,348,221; May 9.
Hydroxylation of acetylenic compounds. N. A. Milas. 2,347,358; Apr. 25.
Hydroxysteroids to ketosteroids, Converting. L. H. Schmidt and H. B. Hughes. 2,360,447; Oct. 17.
Hygienic cleaner. C. A. M. Triadou. 2,364,491; Dec. 5.
Hypo eliminator bath. L. E. Muehler and G. T. Eaton. 2,343,696; Mar. 7.
Hypochlorites, Preparation of. G. H. Cady. 2,356,820; Aug. 29.
Hypodermic projectile. E. H. Francis. 2,348,337; May 9.
Hypodermic syringe. S. J. Everett. 2,361,617; Oct. 31.
Hypobalous acid solutions, Production of. C. C. Crawford and T. W. Evans. 2,347,151; Apr. 18.
Ice accretion, Prevention of. G. S. Adlington. 2,346,891; Apr. 18.
Ice bag and closure therefor. F. Lobl. 2,343,512; Mar. 7.
Icebreaker, Road. F. Gettelman. 2,351,755; June 20.
Ice bunker for refrigerator cars, Convertible. J. S. Lundvall. 2,346,853; Apr. 18.
Ice color producing compositions. J. M. Mecco. 2,362,083; Nov. 7.
Ice cream and ice cream making. C. Gets. 2,343,767; Mar. 7.
Ice cream and like products, Maintaining overrun in. J. T. Smith and A. L. Reiter. 2,338,362; Jan. 4.
Ice cream can container. H. J. Messier. 2,346,446; Apr. 11.
Ice cream composition. S. Musher. 2,355,032; Aug. 1.
Ice cream cone holder. T. E. Torrison. 2,362,595; Nov. 14.
Ice-cream sandwiches, Making. W. S. Watts. 2,347,162; Apr. 18.
Ice creeper. C. B. Fisher. 2,352,827; July 4.
Ice creeper. C. Harvey. 2,358,066; Sept. 12.
Ice creeper. H. N. Smith. 2,361,972; Nov. 7.
Ice cube release device. J. Roberts. 2,340,693; Feb. 1.
Ice cube tray. L. L. Mallard. 2,340,674; Feb. 1.
Ice-cubing device. H. H. Lamar. 2,345,678; Apr. 4.
Ice detector. M. F. Peters, J. P. Boston, and H. M. Taylor. 2,359,787; Oct. 10.
Ice detector. C. F. Schorn. 2,355,014; Aug. 1.
Ice guard. R. F. Swing. 2,357,063; Aug. 29.
Ice hoisting apparatus. C. A. Johnson. 2,354,462; July 25.
Ice machine. D. Ostrander. 2,342,213; Feb. 22.
Ice mold and freezing tool, Combination circular. L. L. Mallard. 2,360,250; Oct. 10.
Ice mold with positive atmospheric release. L. L. Mallard. 2,345,206; Mar. 28.
Ice plant operating with compression and evaporation. R. Wussow and F. W. Fechner. 2,364,016; Nov. 28.
Ice-producing mechanism. R. M. Storer. 2,364,559; Dec. 5.
Ice refrigeration and cube forming. G. L. Pownall. 2,339,109; Jan. 11.
Ice skates. W. Sim and K. M. Shields. 2,355,401; Aug. 8.
Ice tray. C. R. Carney. 2,348,956; May 16.
Ice tray. S. L. and A. W. Diack. 2,341,700; Feb. 15.
Ice tray, Flexible grid. M. K. Buchanan. 2,351,742; June 20.
Icing. J. A. Joffe. 2,353,307; July 11.
Icing. S. F. and J. A. Joffe. 2,353,308; July 11.
Identification badge. H. J. Hanson. 2,341,773; Feb. 15.
Identification device. D. P. Joffo. 2,361,479; Oct. 31.
Identification device. C. R. Morris. 2,349,745; May 23.
Identification holder. T. Mungen. 2,360,815; Oct. 17.
Identification, System of. A. B. Chalmers. 2,343,746; Mar. 7.
Identifier, Key. B. Cooper. 2,344,234; Mar. 14.
Identifying substance. J. W. O'Brien. 2,348,639; May 9.
Igniter, Glass covered. J. Slepian and J. E. White. 2,340,085; Jan. 25.
Igniting device. H. Singer. 2,358,111; Sept. 12.
Ignition apparatus. J. L. Arthur. 2,347,019; Apr. 18.
Ignition apparatus and making the same. T. Tognola. 2,356,102; Aug. 15.
Ignition apparatus for internal combustion engines, Auxiliary spark. I. J. Hulbert. 2,348,298; May 9.
Ignition circuits. J. Maicsewski. 2,361,699; Oct. 31.
Ignition coil. H. L. Hartsell. 2,355,864; Aug. 15.
Ignition device. E. A. Vogel. 2,346,094; Apr. 4.
Ignition device for internal combustion engines. F. Dausinger. 2,338,906; Jan. 11.
Ignition distributor. H. L. Hartsell. 2,343,455; Mar. 7.
Ignition means for fluid fuel burners. J. C. English. 2,351,325; June 13.
Ignition system. S. G. Eskin. 2,363,509; Nov. 28.
Ignition system. M. Mallory. 2,354,472; July 25.
Ignition system. W. A. Ray. 2,346,704; Apr. 18.
Ignition system. P. C. Sandretto. 2,347,286; Apr. 25.
Ignition system. E. G. Touceda and D. A. Wilbur. 2,353,527; July 11.
Ignition system for internal-combustion engines. M. Mallory. 2,365,768; Dec. 26.
Ignition timer. J. L. Arthur. 2,348,236; May 9.
Ignitron excitation. H. C. Myers and J. H. Cox. 2,359,143; Sept. 26.
Illuminated display device. P. M. Ressinger. 2,344,639; Mar. 21.
Illuminated globe mounting. R. R. Dupler. 2,339,385; Jan. 18.
Illuminated globe mounting. R. R. Dupler. 2,345,800; Apr. 4.
Illuminated multiple socket wrench. M. W. Hambleton. 2,341,375; Feb. 8.
Illuminated sign. T. W. Haywood, Jr. 2,365,076; Dec. 12.
Illuminating and viewing device, Combined. A. A. Best. 2,358,203; Sept. 12.
Illuminating apparatus. B. Cramer. 2,345,382; Mar. 28.
Illuminating device. D. P. Joffo. 2,361,480; Oct. 31.
Illuminating device, Microscope. J. R. Benford. 2,351,736; June 20.
Illuminating objects. H. M. Leonard. 2,344,153; Mar. 14.
Illuminating projectile. L. J. Zimmerman. 2,342,096; Feb. 15.
Illuminating shell. J. Wauters. 2,359,814; Oct. 10.
Illumination control means. H. R. Annis. 2,352,679; July 4.
Illumination, System for controlled intermittent. E. C. Dench. 2,357,938; Sept. 12.
Illuminator for microscopes, Vertical. H. Osterberg and K. W. Harper. 2,349,457; May 23.
Illusion device. H. S. White. 2,359,069; Sept. 26.
Image reflecting machine, Variable. H. D. Hill. 2,341,042; Feb. 8.
Image reproducing apparatus. W. H. Bliss. 2,353,631; July 18.
Image reproducing device. P. T. Farnsworth. 2,355,212; Aug. 8.
Images, Means for forming. J. Mahler. 2,346,774; Apr. 18.
Images, Projection of. J. S. Jacobson. 2,348,818; May 16.
Imidazole derivatives and preparing the same. C. Graenacher and J. Frei. 2,361,472; Oct. 31.
Immersion actuator. H. C. Grant, Jr. 2,351,036; June 13.
Immersion apparatus, Automatic. E. C. Welskopf. 2,341,197–8; Feb. 8.
Immersion means. A. W. Harris and W. M. Henry. 2,354,459; July 25.
Impact actuator. H. C. Grant, Jr., and A. Manhartsberger. 2,351,607; June 20.
Impact clutch. E. H. Shaff. 2,343,832; Mar. 7.
Impact tool. L. A. Amtsberg. 2,341,497; Feb. 8.
Impact wrench. C. W. Porter. 2,362,499; Nov. 14.
Impedance element. F. P. A. Wagner. 2,357,241; Aug. 29.
Impedance or drag for cine-projectors. A. F. Victor. 2,341,301; Feb. 8.
Impeller. W. H. Allen. 2,354,653; Aug. 1.
Impeller. W. A. Norris. 2,347,839; May 2.
Impeller pump. W. A. Shallenberg. 2,364,168; Dec. 5.
Impeller throttle. W. G. Lundquist. 2,357,527; Sept. 5.
Implement, Abrasive. R. S. Manchester. 2,358,724; Sept. 19.

Implement, Agricultural. J. Morkoski. 2,341,802; Feb. 15.
Implement attachment for tractors. L. A. Paradise, W. J. Coultas, and R. L. Dort. 2,363,897; Nov. 28.
Implement, Fastener-applying. C. M. Lindstrom. 2,354,760; Aug. 1.
Implement for preparing beet rows for harvesting. R. C. Zeckerman. 2,336,222; Jan. 4.
Implement for removing self-sealing jar covers. B. C. Flessner. 2,338,753; Jan. 11.
Implement for tractors. E. W. Austin. 2,344,584; Mar. 21.
Implement, Ground working. R. H. Mitchell and W. R. McKay. 2,351,830; June 20.
Implement guide, Drilling. J. C. Curtis. 2,365,687; Dec. 26.
Implement holder or pocket. S. Reynolds. 2,353,502; July 11.
Implement, Peeling. H. Gamache. 2,351,327; June 13.
Implement stand. A. Hammerstein. 2,365,467; Dec. 19.
Implement, Tractor. A. C. Lindgren. 2,352,276; June 27.
Implement, Tractor-attached. B. M. Hyman. 2,349,906; May 30.
Implement, Tractor-mounted. A. G. Evans. 2,354,250; July 25.
Implement, Tractor-mounted. C. W. Mott and H. P. Smith. 2,341,804; Feb. 15.
Implement, Tractor-mounted. H. P. Smith. 2,341,824; Feb. 15.
Implement, Weed killing. E. Jepsen. 2,355,732; Aug. 15.
Implemental equipment for life rafts and the like. P. R. Goldman. 2,353,662; July 18.
Implements, Cleaning and scraping. P. J. O'Neill. 2,347,963; May 2.
Impregnating composition for textile materials. L. Beer. 2,347,024; Apr. 18.
Impresser mechanism. A. M. Marks. 2,351,058; June 13.
Improved bleeder valve. C. E. Bridwell. 2,363,290; Nov. 21.
Improving the wash-fastness of sizes with urea derivatives. L. H. Bock and A. L. Houk. 2,342,785; Feb. 29.
Impulse counter motor. H. W. Bousman. 2,364,421; Dec. 5.
Impulse coupling. W. Ochsenbein. 2,359,438; Oct. 3.
Impulse generator. C. E. Hallmark. 2,345,668; Apr. 4.
Impulse trame register. H. D. Ellsworth. 2,340,213; Jan. 25.
Impulse transmitting device. R. F. Mallina. 2,341,933; Feb. 15.
Incandescent electric lamp. A. M. Hageman. 2,349,349; May 23.
Incandescent lamp assembly. H. R. Kiehl. 2,365,963; Dec. 26.
Incendiary bomb. J. Bencal. 2,342,112; Feb. 22.
Incendiary bomb and fire extinguisher. H. Slatnick. 2,359,534; Oct. 3.
Incendiary bomb scoop. T. G. Jungersen. 2,340,058; Jan. 25.
Incendiary bombs, Extinguishing. O. E. Ellick. 2,340,945; Feb. 8.
Incinerator. M. Epstein and F. B. Fillo. 2,354,747; Aug. 1.
Incinerator. F. A. Furlong. 2,364,286; Dec. 5.
Incinerator. A. E. Stilson. 2,346,054; Apr. 4.
Incinerator and broiler device, Combination. D. A. Swenson. 2,361,247; Oct. 24.
Inclinometer. D. L. Greaves 2,357,586; Sept. 5.
Inclinometer. G. M. Reininger. 2,353,586; July 11.
Inclinometer, Borehole. F. G. Bobcher. 2,365,999; Dec. 26.
Increasing permeability of sands and strata. C. H. Benckenstein. 2,354,570; July 25.
Increasing the retention capacity of the sealing surface of artificial porcelain teeth. P. J. J. Gonon. 2,356,513; Aug. 22.
Incubator. J. S. Kazantseff. 2,364,722; Dec. 12.
Incubator. J. I. Taggart. 2,360,527; Oct. 17.
Incubator and hatcher, Combination. G. T. Markey. 2,352,398; June 27.
Incubator, Hospital. P. D. Abbott and M. W. Granes. 2,353,536; July 11.
Indenting machine. I. E. Booth. 2,358,787; Sept. 26.
Indenyl isophorone. H. A. Bruson. 2,364,056; Dec. 5.
Index, Card. R. E. Bauder. 2,360,640; Oct. 24.
Index device. W. Faas. 2,341,933; Feb. 15.
Index means for chain welding machines. O. W. Winter and C. W. Middlestead. 2,344,435; Mar. 14.
Index system, Three-dimensional. C. S. Fruitman. 2,357,320; Sept. 5.
Index, Visible. M. B. Hall. 2,351,423; June 13.
Indexing and layout jig. A. Barabas. 2,342,033; Feb. 15.
Indexing chuck. F. Hunsiker. 2,362,071–2; Nov. 7.
Indexing chuck. G. M. Soule. 2,349,119; May 16.
Indexing device, Universal. A. A. Sawicki. 2,360,588; Oct. 17.
Indexing machine. C. P. Bergstrom and O. V. Payne. 2,358,904; Sept. 26.
Indexing mechanism. G. J. Engert. 2,339,986; Jan. 25.
Indexing mechanism. W. J. Fedorchak and A. S. Jackson. 2,341,705; Feb. 15.
Indexing mechanism. C. Herzog. 2,359,420; Oct. 3.
Indexing mechanism. R. B. Stanley. 2,356,097; Aug. 15.
Indexing or positioning head. G. Gorton. 2,342,539; Feb. 22.
Indexing type multiple station drilling machine. W. M. Ewart and J. H. Klasey. 2,358,389; Sept. 19.
Indicating apparatus, Angle. H. G. Busignies. 2,363,941; Nov. 28.
Indicating apparatus, Hydraulic remote. G. C. R. Birch. 2,358,047; Sept. 12.
Indicating climbing device. H. P. Norford. 2,340,139; Jan. 25.
Indicating control apparatus for perforating machines. W. Leathers and W. J. A. Bailey. 2,343,463; Mar. 7.
Indicating device. H. H. Barnard. 2,344,198; Mar. 14.
Indicating device. E. Frischknecht. 2,363,056; Nov. 21.
Indicating device. H. H. Keen. 2,343,377; Mar. 7.
Indicating device. G. Smith. 2,361,572; Oct. 31.
Indicating device, Dial-and-pointer. M. P. Nichols. 2,358,245; Sept. 12.
Indicating device for mechanical pencils. W. O. Ponath. 2,339,514; Jan. 18.
Indicating device for welding machines. L. Ralkin. 2,354,613; July 25.
Indicating device, Number. O. S. A. Mesch. 2,356,335; Aug. 22.
Indicating device, Tank-wall temperature. C. H. Walsh. 2,362,424; Nov. 7.
Indicating instrument. L. Gess. 2,346,422; Apr. 11.
Indicating instrument and scale adjustments therefor. C. A. de Giers. 2,358,910; Sept. 26.
Indicating instrument having magnetic biasing means. G. E. Ford. 2,350,741; June 6.
Indicating means for taximeters. P. Riegger. 2,365,435; Dec. 19.
Indicating means, Wind course. G. F. Salisbury. 2,363,087; Nov. 21.
Indicating or control apparatus in air or water craft. F. W. Meredith. 2,352,640; July 4.
Indicating system. P. S. de Beaumont. 2,351,408; June 13.
Indicating system. B. D. Willis. 2,355,352; Aug. 8.
Indicating system, choke valve borehole. G. L. Hassler. 2,352,833; July 4.
Indicating system for vehicles. H. J. Murray, Sr., and H. J. Murray, Jr. 2,340,895; Feb. 8.
Indicating system, Liquid level. L. B. Winton. 2,347,860; May 2.
Indicating tabs to address-printing devices, Machine for and method of applying. H. P. Elliott. 2,345,965; Apr. 4.
Indicating thermostat. E. H. Hammond and A. J. Doser. 2,346,427; Apr. 11.
Indication apparatus. E. M. Allen. 2,355,499; Aug. 8.
Indicator: *See*—
- Accelerator indicator.
- Aircraft flight indicator.
- Aircraft inclination indicator.
- Aircraft position indicator.
- Aircraft precision flight indicator.
- Airplane flight indicator.
- Air-speed indicator.
- Angle of attack indicator.
- Balancing-machine indicator.
- Bank and turn indicator.
- Bevel angle indicator.
- Bin level indicator.
- Combination display and liquid perfume or deodorant indicator.
- Compressional wave indicator.
- Dial indicator.
- Direction indicator.
- Electric temperature indicator.
- Firing angle indicator.
- Flow indicator.
- Fluid flow indicator.
- Fluid level indicator.
- Force indicator.
- Frequency drift indicator.
- Gas flow indicator.
- Gas indicator.
- Grade indicator.
- High water indicator.
- Horsepower indicator.
- Level indicator.
- Liquid level indicator.
- Magnetic indicator.
- Micrometer tolerance indicator.
- Muzzle pressure indicator.
- Oil leakage indicator.
- Optical indicator.
- Phase angle indicator.
- Position indicator.
- Potential indicator.
- Pressure indicator.
- Range indicator.
- Register indicator.
- Remote indicator.
- Remote-reading specific-gravity indicator.
- Selective fuel tank content indicator.
- Sonic depth indicator.
- Ship's speed indicator.
- Specific gravity indicator.
- Speed and braking distance indicator.
- Stereo indicator.
- Tank-wall temperature indicator.
- Temperature indicator.
- Tire pressure indicator.
- Torque indicator.
- Typing rhythm indicator.
- Universal indicator.
- Vibration indicator.
- Water indicator.
- Weight indicator.

Indicator. G. Duis. 2,340,114; Jan. 25.
Indicator. I. L. Pearson. 2,341,809; Feb. 15.
Indicator. H. R. Sherwood. 2,358,352; Sept. 19.
Indicator. F. R. Sias. 2,354,618; July 25.
Indicator and recorder, Signal. L. E. Barton. 2,355,502; Aug. 8.
Indicator device for amplifier tubes, Fault. H. J. Fründt and W. Schönfeld. 2,345,042; Mar. 28.
Indicator for aircraft, Rate of ascent and descent. J. Robinson. 2,357,060; Aug. 29.
Indicator for air-method cleaning systems, Detecting. D. B. Replogle. Re. 22,501; June 20.
Indicator for air-method cleaning systems, Dust. D. B. Replogle. 2,353,621; July 11.

Indicator for airway sanitary cleaning systems, Spectacular dust. D. R. Replogle. 2,349,832; May 30.
Indicator for cranes, Overload and radius. J. C. Conrad. 2,345,066; Apr. 4.
Indicator for ignition generators, Contact opening. T. A. Erickson. 2,355,211; Aug. 8.
Indicator for locating missing aircraft. E. B. Marple. 2,351,417; Sept. 5.
Indicator for lubricating systems or the like. W. H. Venable. 2,339,532; Jan. 18.
Indicator for manual reset valves. W. A. Ray. 2,357,059; Aug. 29.
Indicator for start-stop printers, Error. J. C. Warwick. 2,353,327; July 11.
Indicator for suction cleaners, Dust arresting. D. B. Replogle. 2,354,069; July 18.
Indicator for terracing apparatus. M. H. Thurmond. 2,362,325; Nov. 7.
Indicator for typewriter, Paper end. G. Presloso. 2,365,903; Dec. 26.
Indicator for typewriters and the like. F. W. Messchaert. 2,350,059; May 30.
Indicator holder. J. E. Oslund. 2,354,046; July 18.
Indicator light. W. G. Grimes. 2,340,053; Jan. 25.
Indicator means for bowling pin setting machines. M. Patterson and R. E. Rundell. 2,338,733; Jan. 11.
Indicator micrometer. G. and O. Calow. 2,344,595; Mar. 21.
Indicator of air speed, Aural. M. F. Hall. 2,358,571; Sept. 19.
Indicator system. B. B. Grace and W. H. M. Hellier. 2,347,258; Apr. 25.
Indicia-card holder. H. G. Shaw. 2,357,430; Sept. 5.
Indium, Electrodepositing. A. J. Phillips and H. B. Linford. 2,358,029; Sept. 12.
Indole, Production of. J. E. Livak. 2,365,966; Dec. 26.
Inductance coil. T. M. Ferrill, Jr. 2,351,604; June 20.
Induction coil mounting. H. F. Obergfell. 2,348,404; May 9.
Induction furnace. E. Bennett. 2,359,285; Oct. 3.
Induction furnace for melting metals, Submerged resister-type. M. and M. Tama. 2,342,617; Feb. 22.
Induction heating. E. J. Limpel. 2,352,332; June 27.
Induction heating apparatus. P. E. Dravneek. 2,353,130; July 11.
Induction heating apparatus. H. E. Somes. 2,351,300; June 13.
Induction heating apparatus, Power mechanism for. H. E. Somes. 2,348,032; May 2.
Induction heating head. H. E. Somes. 2,359,272; Sept. 26.
Induction motor control. A. O. Grooms. 2,342,658; Feb. 29.
Induction voltage regulator. H. R. West. 2,341,968; Feb. 15.
Inductive core. J. P. Glass, Jr. 2,350,029; May 30.
Inductor. C. V. Boyson. 2,340,731; Feb. 1.
Inductor, Variable. J. P. Putnam. 2,343,999; Mar. 14.
Industrial liquors, Clarification and purification of. W. G. Morgan and S. B. Cole. 2,346,320; Apr. 11.
Industrial sands, Purifying. A. T. Cole. 2,340,580; Feb. 1.
Industrial truck. R. Lapsley. 2,350,909; June 6.
Industrial X-ray film holder. G. R. Heimerich. 2,349,427; May 23.
Inertia control system. H. M. Strobel. 2,351,079; June 13.
Inertia damping arrangement for measuring instruments. L. Dewan. 2,365,806; Dec. 26.
Infant carrier. B. M. O'Brien. 2,346,989; Apr. 18.
Infant feeding bottle holder. E. F. Summers. 2,359,452; Oct. 3.
Infant resuscitator and incubator, Combined. H. M. Kirschbaum. 2,347,326; Apr. 25.
Infestation destruction. G. E. Hulse. 2,339,737; Jan. 18.
Inflatable tourniquet and fastener thereof. E. J. La Liberte. 2,347,197; Apr. 25.
Inflating device. U. C. Walk. 2,349,480; May 23.
Inflator, Life jacket. L. T. Ward. 2,347,010; Apr. 18.
Inflator, Tire. L. D. Lyon and J. J. Rothwell. 2,344,256; Mar. 14.
Infuser. J. Block. 2,358,556; Sept. 19.
Infusion package and the manufacture thereof. L. Barnett. 2,362,459; Nov. 14.
Infusion package and the manufacture thereof. L. Barnett. 2,362,460; Nov. 14.
Infusion packages with handles, Manufacture of. L. Barnett. 2,348,201; May 9.
Ingot casting. A. R. Rowe. 2,362,096; Nov. 7.
Ingot casting. A. R. Rowe. 2,362,097; Nov. 7.
Ingot mold. L. B. Lindemuth. 2,358,171; Sept. 12.
Ingot mold. E. Gathmann. 2,339,601; Jan. 18.
Ingot molds, Method and composition for protecting. L. B. Lindemuth. 2,359,321; Oct. 3.
Ingots, Coating. G. R. Hatcher. 2,343,842; Mar. 7.
Ingots, Method of and machine for preblooming. S. E. Diescher. 2,341,910; Feb. 15.
Inhaler and cigarette charger, Medicated. F. Lape. 2,338,287; Jan. 4.
Inhaler, cigarette filter, and holder, Combination. S. Furstenberg. 2,342,853; Feb. 29.
Inhibitor for light burning oils. W. A. Proell. 2,357,547; Sept. 5.
Injecting mechanism for dental flasks. J. A. Jackson. 2,341,991; Feb. 15.
Injection engine. H. Fischer. 2,360,943; Oct. 24.
Injection engine. H. Fischer. 2,362,622; Nov. 14.
Injection equipment and operating same, Intravenous. W. F. Butler. 2,362,537; Nov. 14.
Injection method of molding thermosetting material. E. E. Novotny. 2,356,081; Aug. 15.
Injection mold. E. Hempel. 2,356,585; Aug. 22.
Injection molding apparatus. W. P. Cousino. 2,362,469; Nov. 14.
Injection molding apparatus. R. P. Piperoux. 2,362,583; Nov. 14.
Injection molding machine. L. J. Caron. 2,358,686; Sept. 19.
Injection molding machine. G. A. Goessling. 2,359,839–40; Oct. 10.
Injection molding machine. G. C. Wilson. 2,339,443; Jan. 18.
Injection molding of plastics. R. T. Coffman. 2,345,917; Apr. 4.
Injection molding unit. I. B. Lawyer. 2,360,000; Oct. 10.
Injection nozzle for internal combustion engines. O. E. Szekely. 2,338,744; Jan. 11.
Injection valve. R. H. Hoadley. 2,338,564; Jan. 4.
Injector. H. E. F. C. Lingenbrink. 2,340,671; Feb. 1.
Injector, Adjustable. D. G. Griswold. 2,352,094; June 20.
Injector apparatus for the recovery of spilled beer and like beverages. A. McGlashan, G. W. Haycock, and J. S. McMeekin. 2,354,695; Aug. 1.
Injector for Diesel engines and the like, Fuel. W. J. and W. J. Scott, Jr. 2,344,565; Mar. 21.
Injector, Fuel. H. C. Edwards. 2,365,752; Dec. 26.
Ink and ink base, Corn protein printing. H. M. Weber. 2,338,151; Jan. 4.
Ink and method of producing, Printing. E. Sheridan. 2,361,505; Oct. 31.
Ink and other fluids, Nonspill bottle for. A. E. Azzody. 2,338,096; Jan. 4.
Ink container. H. Y. F. Zane. 2,365,236; Dec. 19.
Ink distribution for rotary printing presses. H. M. Barber. 2,354,981; Aug. 1.
Ink, Emulsion printing. J. R. Berg. 2,357,927; Sept. 12.
Ink eradicator applicator. D. L. Roe. 2,349,005; May 16.
Ink fountain drive. A. J. Carpenter, Jr. 2,351,012; June 13.
Ink fountain drive, Automatic directional. J. L. Blackley and W. P. V. Ross. 2,350,580; June 6.
Ink fountain for disk ruling machines. G. J. Rens. 2,357,366; Sept. 5.
Ink fountain for rotary intaglio presses. J. E. Meyer. 2,352,217; June 27.
Ink fountain for rotary intaglio presses. J. E. Meyer. 2,352,337; June 27.
Ink, Meter. T. J. Keating. 2,356,065; Aug. 15.
Ink, Printing. D. J. Bernardi. 2,348,594; May 9.
Ink, Printing. F. J. Jeuck and C. A. Rietz. 2,346,969; Apr. 18.
Ink, Printing. F. B. Root. 2,347,436; Apr. 25.
Ink, Quick drying. H. J. Wolfe and P. W. Greubel. 2,361,442; Oct. 31.
Ink, Quick-drying printing. C. Ellis. 2,340,946; Feb. 8.
Ink roll structure. R. G. Chollar. 2,358,851; Sept. 26.
Ink rolls, Cleaning attachment for. F. E. Curtis. 2,341,020; Feb. 8.
Ink, Rotogravure. M. S. Hopkins. 2,358,511; Sept. 19.
Ink, Thermofluid printing. J. K. Boggs and L. M. Burgess. 2,361,740; Oct. 31.
Ink, Thermofluid printing. F. G. Breyer. 2,351,585; June 20.
Ink, Typographic printing. F. J. Jeuck and C. A. Rietz. 2,346,968; Apr. 18.
Ink well. E. E. Stroh. 2,363,369; Nov. 21.
Inker. J. Kuns. 2,339,275; Jan. 18.
Inker mechanism. J. Kuns. 2,343,910; Mar. 14.
Inking mechanism for duplicating machines. M. P. Neal. 2,345,681; Apr. 4.
Inking mechanism for printing machines. F. Lamatsch. 2,360,502; Oct. 17.
Inking mechanism for printing presses. E. L. Harley. 2,359,640; Oct. 3.
Inks and vehicle therefor, Thermofluid printing. L. M. Burgess. 2,362,431; Nov. 7.
Inks, Printing. E. F. Carman and W. H. Mears. 2,361,009; Oct. 24.
Inlaid article and method. J. J. Larmour. 2,358,720; Sept. 19.
Inlet box for centrifugal fans. J. Cassie. 2,344,456; Mar. 14.
Inlet for syphons. L. H. Smith and L. R. Williamson. 2,349,010; May 16.
Inlet system for paper machines. F. S. Seaborne. 2,347,130; Apr. 18.
Innersole and making the same. F. L. Ayers. 2,352,510; June 27.
Innersole and making the same. F. L. Ayers. 2,359,818; Oct. 10.
Inner spring support. E. H. Tompkins. 2,345,438; Mar. 28.
Inner tube and making the same. R F. Wilson and W. L. Klingman. 2,354,442; July 25.

Inner-tube radiation with modulating trap. J. E. La Rocque and J. Van Vulpen. 2,346,590; Apr. 11.
Inoculating method and apparatus. I. L. Baldwin. 2,341,259; Feb. 8.
Inseam fastening machine. F. L. Ayers. 2,352,509; June 27.
Insect collecting machine. A. R. Nisbet. 2,346,270; Apr. 11.
Insect life, Method and apparatus for destroying. F. S. Smith. 2,339,654; Jan. 18.
Insect life, Method and apparatus for destroying. F. S. Smith. 2,339,733; Jan. 18.
Insect repellent. J. Hyman. 2,349,434; May 23.
Insect repellent. L. W. Wasum. 2,352,746; July 4.
Insect repellent composition. B. V. Travis and H. A. Jones. 2,356,801; Aug. 29.
Insect swatter. F. S. Rimer. 2,340,019; Jan. 25.
Insect trap. H. T. Peirson. 2,340,897; Feb. 8.
Insect trap. E. G. Wright. 2,356,022; Aug. 15.
Insecticidal and fungicidal materials. G. H. Coleman and G. A. Griess. 2,365,056; Dec. 12.
Insecticidal composition. C. J. Boissonou and W. J. Yates. 2,351,583; June 20.
Insecticidal composition. G. H. Coleman and C. L. Moyle. 2,352,078–9; June 20.
Insecticidal composition. M. T. Harvey. 2,346,256; Apr. 11.
Insecticidal composition. E. Harvill. 2,355,974; Aug. 15.
Insecticidal composition. W. F. Hester and W. E. Craig. 2,338,380; Jan. 4.
Insecticidal compositions. K. E. Maxwell. 2,362,760; Nov. 14.
Insecticidal preparation. A. C. Mohr. 2,360,006; Oct. 10.
Insecticide. S. A. Ballard and V. E. Haury. Re. 22,524; Aug. 1.
Insecticide. S. A. Ballard and V. E. Haury. 2,363,928; Nov. 28.
Insecticide. C. V. Bowen. 2,354,192–3; July 25.
Insecticide. W. G. Bruce. 2,365,245; Dec. 19.
Insecticide. G. H. Coleman, F. Fletcher and W. D. Schroeder. 2,349,572; May 23.
Insecticide. C. C. Deonier and H. A. Jones. 2,349,814; May 30.
Insecticide. S. I. Gertler and H. L. J. Haller. 2,349,344; May 23.
Insecticide. S. I. Gertler and H. L. H. Haller. 2,362,128; Nov. 7.
Insecticide. H. L. J. Haller and W. F. Barthel. 2,358,925; Sept. 26.
Insecticide. J. Hyman. 2,347,265; Apr. 25.
Insecticide. J. Hyman. 2,348,976; May 16.
Insecticide. P. E. Joyce. 2,357,260; Aug. 29.
Insecticide. H. von Philipp. 2,350,814; June 6.
Insecticide. E. H. Siegler. 2,358,942; Sept. 26.
Insecticide and germicide, Combined. E. R. McGovran and L. D. Goodhue. 2,358,986; Sept. 26.
Insecticide and making same. T. C. Allen and R. J. Dicke. 2,348,949; May 16.
Insecticide and preparing it. F. H. Kellner and R. R. Williams. 2,358,073; Sept. 12.
Insecticide dispenser. F. H. Burmeister and I. F. Flatz. 2,362,351; Nov. 7.
Insecticide dissemination apparatus, Airplane. G. C. Quick. 2,356,119; Aug. 15.
Insecticide spray head valve. L. T. Ward. 2,362,784; Nov. 14.
Insecticides. J. B. Calva. 2,362,614; Nov. 14.
Insecticides, Synergists to aerosol. W. N. Sullivan and L. D. Goodhue. 2,345,891–909; Apr. 4.
Insert chaser holder. J. A. Fluke. 2,347,043; Apr. 18.
Insert expanding tool. O. Haas. 2,360,054; Oct. 10.
Insert for molded articles. L. H. Amrine. 2,345,371; Mar. 28.
Inserted blade milling cutter. W. L. Rudaitis. 2,343,709; Mar. 7.
Inserted tooth cutter. J. J. Connell. 2,351,491; June 13.
Inserting machine, Fastening. H. Lane and W. A. Barton. 2,358,862; Sept. 26.
Inserts for valve stems, Manufacturing. L. C. Broecker. 2,346,413; Apr. 11.
Inside pipe cutter. V. D. Davidson and M. C. Wilson. 2,351,929; June 20.
Insole. A. L. Jalbert and E. Quinn. 2,352,715; July 4.
Insole and making the same, Reinforced. R. B. Harrison. 2,361,941; Nov. 7.
Insole and making the same, Ribbed. J. Calleo. 2,348,327; May 9.
Insole and preformed sewing rib therefor, Welt. W. C. Wright. 2,355,383; Aug. 8.
Insole for shoes. J. M. Friend and F. Richardson. 2,365,633; Dec. 19.
Insole shoe and insole assembly therefor, Floating. J. H. Everston. 2,348,336; May 9.
Insole, Welt. W. C. Wright. 2,363,455; Nov. 21.
Insoles, Manufacture of. K. A. Stritter. 2,346,279; Apr. 11.
Insoles, Manufacture of reinforced. C. W. Baker. 2,342,719; Feb. 29.
Inspection apparatus. A. C. Davis. 2,353,127; July 11.
Inspection apparatus. J. C. Whitesell, Jr. 2,354,628; July 25.
Inspection light. K. M. Cross and J. J. W. Stephens. 2,347,174; Apr. 25.
Inspection method for composite articles. W. T. Koesterring. 2,347,564; Apr. 25.
Inspection tube for oil-level sticks. W. D. Minser. 2,357,534; Sept. 5.
Inspectoscope. O. F. Soetbeer. 2,363,701; Nov. 28.
Installing fasteners, Method and apparatus for. O. J. Huelster. 2,361,688; Oct. 31.
Instant unloading press and dehydrator. J. P. McGlaughlin, Sr. 2,345,983; Apr. 4.
Instrument casing. R. Ullman and C. B. Moore. 2,351,374; June 13.
Instrument, Detachable. P. MacGahan. 2,363,345; Nov. 21.
Instrument, Directional Gyro. B. G. Carlson. 2,345,915; Apr. 4.
Instrument for computing firing data. N. L. Fuller. 2,363,173; Nov. 21.
Instrument for indicating the rate of temperature or pressure change. B. F. Mahoney. 2,340,544; Feb. 1.
Instrument, Measuring. W. M. Bradshaw. 2,345,028; Mar. 28.
nstrument, Stringed musical. J. W. McBride. 2,364,861; Dec. 12.
Instruments in their casings, Mounting. R. Avigdor. 2,352,881; July 4.
Insulated conducting member and method of applying the insulation. G. Camilli. 2,350,724; June 6.
Insulated conductor construction. C. W. Abbott. 2,361,374; Oct. 31.
Insulated electrical conductor. H. J. Stewart. 2,365,019; Dec. 12.
Insulated electrical conductor and manufacture. D. R. G. Palmer. 2,341,235; Feb. 8.
Insulated hanger. R. P. Hanna and B. A. Rose. 2,363,318; Nov. 21.
Insulated record container. E. H. Mosier and H. H. Lynn. 2,347,705; May 2.
Insulated wire connector. E. P. Bancroft. 2,359,541; Oct. 3.
Insulating and acoustical covering. P. J. Stieger. 2,355,608; Aug. 15.
Insulating block. W. C. Hensel. 2,341,777; Feb. 15.
Insulating bushing for electrical conduits and the like. F. A. Buzzell. 2,338,316; Jan. 4.
Insulating coating for electrical space discharge tube elements. J. Cardell. 2,338,701; Jan. 11.
Insulating compound. R. Connell and S. I. Wilson. 2,364,344; Dec. 5.
Insulating covering. R. F. Massa. 2,350,363; June 6.
Insulating material and making the same, Composite. R. P. Lutz. Re. 22,532; Aug. 22.
Insulating material, Preparing. L. B. Miller. 2,345,878; Apr. 4.
Insulating panels, Securing means for. J. Cowin. 2,363,296; Nov. 21.
Insulating roofing. W. A. Hogan. 2,358,396; Sept. 19.
Insulating structures, Method and apparatus for. H. T. Coss. 2,356,627; Aug. 29.
Insulating tape. C. M. Patten and C. E. Bryant, Jr. 2,353,494; July 11.
Insulation cutting apparatus. J. J. Lembitz and S. M. Martin. 2,346,314; Apr. 11.
Insulation cutting device. E. Lindgren. 2,356,328; Aug. 22.
Insulation, Electrical. L. R. Hill. 2,363,324; Nov. 21.
Insulation for cold storage rooms. C. G. Munters and D. E. Ahlqvist. 2,336,452; Jan. 4.
Insulation for electrical conductors. B. J. Barmack. 2,345,229; Mar. 28.
Insulation for magnetic steel and the like. W. R. Frisch and C. W. Crew. 2,364,436; Dec. 5.
Insulation for silicon irons. C. C. Horstman and W. H. Brandt. 2,354,123; July 18.
Insulation package. W. T. Donahue. 2,354,186; July 25.
Insulation tape and process, Coated fabric. K. H. Barnard. 2,355,038; Aug. 1.
Insulator. M. K. Holmes. 2,352,151; June 20.
Insulator. C. J. Lemont. Re. 22,469; Apr. 11.
Insulator. D. H. Rowland and C. D. Croskey. 2,357,550; Sept. 5.
Insulator. A. C. Stephens. 2,347,975; May 2.
Insulator and regulator, Baby's bottle. L. A. Lockwood. 2,353,678; July 18.
Insulator bodies, Forming. E. M. Skipper. 2,346,620; Apr. 11.
Insulator cutting machine. E. M. Skipper. 2,355,684; Aug. 15.
Insulator device. R. P. Hanna. 2,354,117; July 18.
Insulator mounting. L. J. Schilling. 2,350,420; June 6.
Insulators, Arrangement to raise the breakdown strength of. W. Peters. 2,343,078; Feb. 29.
Insulators, Making thin-wall. J. H. De Boer, F. J. W. Verwey, and M. G. Van Bruggen. 2,339,003; Jan. 11.
Insulin preparation. E. H. Lang and J. S. Buck. 2,354,211; July 25.
Insulin preparation and making same. H. A. Abramson and M. H. Gorin. 2,343,625; Mar. 7.
Insurance policy. E. A. Stanley. 2,342,981; Feb. 29.
Intaglio printing. O. Greenstein. 2,362,263; Nov. 7.
Intaglio printing apparatus. F. Fernández. 2,351,030; June 13.
Intake fuel system for internal-combustion engines. O. F. Haibe. 2,353,665; July 18.

Integer storage mechanism. W. J. Zenner. 2,356,905; Aug. 29.
Integrated machine control. F. M. Carroll. 2,338,404; Jan. 4.
Integrating measuring system. G. Keinath. 2,359,767; Oct. 10.
Integrating method and apparatus. A. G. B. Metcalf. 2,360,883; Oct. 24.
Integrator. J. L. Christmann. 2,365,937; Dec. 26.
Integrator, Rate of turn. P. A. Noxon. 2,361,790; Oct. 31.
Intensified colors or for intensifying the perception of colors, Method and device for producing. F. Leiber. 2,342,152; Feb. 22.
Interceptor, Grease. E. W. N. Boosey. 2,362,447; Nov. 14.
Interchangeability, Securing. C. E. Simpson. 2,342,703; Feb. 29.
Interchangeable electric apparatus. C. H. Lorenz. 2,344,441; Mar. 14.
Intercommunicating system. R. H. Herrick. 2,345,046; Mar. 28.
Interface modifying substance. J. W. Johnson. 2,354,320; July 25.
Interior chamber insulation. E. Lodwig. 2,345,204; Mar. 28.
Interlock. D. K. Hughes. 2,338,943; Jan. 11.
Interlock for couplings and support of trailers. R. M. Barnhart, J. C. Bennett and P. M. Heinmiller. 2,356,775; Aug. 15.
Interlocking device, Combination. J. V. Schraig. 2,353,507; July 11.
Interlocking means for knockdown advertising displays. H. Ziemmerman. 2,362,230; Nov. 7.
Interlocking mechanism for hinged parts. B. W. McLean. 2,342,591; Feb. 22.
Intermediates for dyestuffs. P. De Smet and W. Mees. 2,356,569; Aug. 22.
Intermediates, Preparation of. G. W. Seymour and V. S. Salvin. 2,357,912; Sept. 12.
Intermittent temple thread cutter. J. E. Repass. 2,353,077; July 4.
Intermitter. C. M. O'Leary. 2,350,472; June 6.
Intermitter for pumping wells, Bottom hole. W. E. Gilbert. 2,349,164; May 16.
Intermixed divided materials, Separating. C. W. H. Holmes. 2,348,344; May 9.
Internal combustion engine. J. C. Adams. 2,349,600; May 23.
Internal combustion engine. R. A. B. Allen, Jr. 2,345,561; Apr. 4.
Internal combustion engine. J. V. Caron. 2,346,729; Apr. 18.
Internal-combustion engine. W. Conradt. Re. 22,540; Sept. 5.
Internal combustion engine. W. Conradt. 2,344,496; Mar. 21.
Internal-combustion engine. R. S. Criddle. 2,356,033; Aug. 15.
Internal-combustion engine. R. Daub. 2,355,277; Aug. 8.
Internal-combustion engine. H. F. Davidson. 2,353,446; July 11.
Internal-combustion engine. J. R. Eaton. 2,349,816; May 30.
Internal combustion engine. E. J. Edmunds. 2,338,084; Jan. 4.
Internal-combustion engine. G. R. Ericson and I. E. Coffey. 2,355,716; Aug. 15.
Internal-combustion engine. M. Essl. 2,352,824; July 4.
Internal combustion engine. G. C. Evans. 2,358,797; Sept. 26.
Internal combustion engine. C. R. Flint. 2,345,569; Apr. 4.
Internal-combustion engine. W. P. Flynn. 2,357,464; Sept. 5.
Internal-combustion engine. H. Ford and C. E. Sorensen. 2,349,157; May 16.
Internal combustion engine. E. Ginn and K. Cloud. 2,344,863; Mar. 21.
Internal combustion engine. E. H. Godfrey. 2,346,021; Apr. 4.
Internal combustion engine. W. A. Graves. 2,352,891; July 4.
Internal combustion engine. R. F. Harless. 2,344,865; Mar. 21.
Internal combustion engine. J. W. Jagersberger. 2,338,183; Jan. 4.
Internal combustion engine. F. L. Knowles. 2,345,268; Mar. 28.
Internal-combustion engine. J. M. Kroyer. 2,355,806; Aug. 15.
Internal-combustion engine. F. A. Lane. 2,353,313; July 11.
Internal combustion engine. J. T. Love and A. L. Hoffman. 2,355,090; Aug. 8.
Internal combustion engine. A. Lysholm. 2,344,993; Mar. 28.
Internal-combustion engine. C. E. Mahan. 2,350,626; June 6.
Internal combustion engine. M. Mallory. 2,345,056; Mar. 28.
Internal-combustion engine. M. Mallory. 2,350,056; May 30.
Internal-combustion engine. M. Mallory. 2,362,838; Nov. 14.
Internal-combustion engine. K. R. Maltby. 2,352,396; June 27.
Internal combustion engine. F. Morgenstern. 2,342,515; Feb. 22.
Internal combustion engine. F. Nallinger and W. Glamann. 2,338,959; Jan. 11.
Internal-combustion engine. J. B. Putnam. 2,355,011; Aug. 1.
Internal combustion engine. F. E. Sandell. 2,342,900; Feb. 29.
Internal-combustion engine. L. R. Spencer. 2,349,203; May 16.
Internal-combustion engine. D. W. Stabler. 2,357,031; Aug. 29.
Internal-combustion engine. J. Stucke. 2,359,536; Oct. 3.
Internal combustion engine. O. E. Szekely. 2,346,463; Apr. 11.
Internal-combustion engine. O. E. Szekely. 2,354,227; July 25.
Internal-combustion engine. C. H. Vincent. 2,361,250; Oct. 24.
Internal combustion engine. H. E. Voorhies. 2,346,525; Apr. 11.
Internal-combustion engine. C. Vrana. 2,360,600; Oct. 17.
Internal-combustion engine. D. M. Weigel. 2,364,330; Dec. 5.
Internal combustion engine. H. V. Wilcoxson. 2,350,005; May 30.
Internal combustion engine combined with a compressor. A. F. Sanders. 2,346,458; Apr. 11.
Internal-combustion engine control. H. Alexanderson. 2,358,845; Sept. 26.
Internal-combustion engine cooling system. T. J. Bay. 2,365,166; Dec. 19.
Internal-combustion engine, Fuel-cooled. N. M. Jones. Re. 22,529; Aug. 15.
Internal combustion engine governor. G. R. Ericson. 2,338,912; Jan. 11.
Internal-combustion engine installation. A. H. R. Fedden and F. M. Thomas. 2,356,452; Aug. 22.
Internal combustion engine of the solid injection type. F. C. H. Hedlund. 2,345,256; Mar. 28.
Internal combustion engine, Port-controlled opposed-piston. E. Waeber. 2,344,224; Mar. 14.
Internal combustion engine, Two-shaft opposed-piston. W. Kilchenmann. 2,346,587; Apr. 11.
Internal-combustion engine valve. J. H. Grube. 2,364,040; Nov. 28.
Internal-combustion engine valve control. C. M. Oertel. 2,354,606; July 25.
Internal combustion engine with crosshead. O. Petersen and M. Lindberg-Nielsen. 2,344,364; Mar. 14.
Internal combustion engine with scavenging air compressor. J. Olsson and J. R. Stillblad. 2,342,212; Feb. 22.
Internal-combustion engines, Quenching, washing, and silencing the exhaust emission from. A. B. Seaborne. 2,365,846; Dec. 26.
Internal combustion engines with telescoping pistons. R. L. Landry. 2,340,064; Jan. 25.
Internal combustion rotary engine. L. W. Beaven. Re. 22,473; May 9.
Internal corrosion prevention in ferrous metal containers for light liquid petroleum distillates. A. Wachter. 2,351,465; June 13.
Internal expanding friction clutch. F. J. Parsons. 2,352,969; July 4.
Internal gear pump. G. A. Ungar. 2,339,966; Jan. 25.
Internal reflection lighting means. G. B. and C. Christensen. 2,347,665; May 2.
Internal shoe drum brake. F. G. Parnell. 2,347,366; Apr. 25.
Internally expanding brake. F. R. Cowell. 2,348,960; May 16.
Internally expanding brake. F. R. Cowell. 2,350,878; June 6.
Internally hardened structure. H. E. Somes. 2,340,349; Feb. 1.
Internally insulated valve. N. B. Newton. 2,352,799; July 4.
Interpolymer. C. J. Mighton. 2,346,858; Apr. 18.
Interpolymerization products of diene synthesis products and compounds having an α-methylene group and their production. H. Hopff and W. Rapp. 2,359,038; Sept. 26.
Interpolymerization products of vinyl compounds with cyclic imides. L. Orthner, H. Sönke, and U. Lampert. 2,342,295; Feb. 22.
Interpolymers and preparation of same, Rubberlike. O. Huppert. 2,364,034; Nov. 28.
Interpolymers, Fiber-forming. B. F. Faris. 2,359,833; Oct. 10.
Interpolymers, Fiber-forming. E. L. Martin. 2,359,867; Oct. 10.
Interpolymers of alkylidene esters of alpha-methylene monocarboxylic acids with vinyl and vinylidene compounds. H. J. Richter. 2,341,334; Feb. 8.
Interpolymers of styrene and the reaction product of maleic esters with relatively nonconjugated drying oils and preparing the same. B. E. Sorenson. 2,343,483; Mar. 7.
Interpupillary distance gauge. O. M. I. Eppenstein. 2,361,534; Oct. 31.

Interruption injection pump. N. N. Skaredoff. 2,356,627; Aug. 22.
Interval timer. W. P. Gallagher. 2,354,368; July 25.
Interval timer. A. B. Poole. 2,359,580; Oct. 3.
Invalid's chair. G. A. Sill and H. L. Thompson. 2,339,361; Jan. 18.
Inverse neutral telegraph repeater concentration group switching. A. R. Bonorden, P. V. Koos, J. A. Krecek, W. V. K. Large, and T. A. Marshall. 2,349,586; May 23.
Inverter. H. Klemperer. 2,338,118; Jan. 4.
Inverter, Electrical. B. E. Lenehan. 2,351,982; June 20.
Jack. J. Pasternack. 2,352,117; June 20.
Investment composition. R. Neiman. 2,345,211; Mar. 28.
Invoice form and invoicing. E. Jacobs. 2,344,819; Mar. 21.
Iodo-sugar derivatives and preparing same. A. L. Raymond and E. F. Schroeder. 2,365,776; Dec. 26.
Ionic relay circuit arrangement. R. E. Mathes. 2,348,555; May 9.
Iron; *See*—
- Chair iron.
- Electric pressing iron.
- Electric soldering iron.
- Electric waving iron.
- Electrically heated soldering iron.
- Gas-heated soldering iron.
- Lifting and portable moving iron.
- Malleable cast iron.
- Manufacture of wrought iron.
- Pressing iron.
- Production of cast iron.
- Self-feeding soldering iron.
- Soldering iron.
- Steam iron.
- Steam pressing iron.
- Waffle iron.

Iron and steel products and producing the same. J. C. Hartley and O. H. Henry. 2,349,266; May 23.
Iron and steel tubes, Manufacture of solid drawn. F. B. Waldron. 2,359,453; Oct. 3.
Iron blue, Alkali-resistant. I. Shack and E. A. Wilson 2,342,429; Feb. 22.
Iron from tin, Removal of. R. H. Graves. 2,363,127; Nov. 21.
Iron, Making powdered. F. O. Clements, R. H. Terry, and D. J. Henry. Re. 22,452; Mar. 7
Iron ores and recovery of by-product values, Beneficiation of. D. Gardner. 2,353,613; July 11.
Iron ores, Concentration of oxidized. E. H. Brown and F. X. Tartaron. 2,364,777-8; Dec. 12.
Iron oxide pigments, Transparent. P. Fireman. 2,357,096; Aug. 29.
Iron rest, Soldering. E. S. Mathews. 2,355,883; Aug. 15.
Ironer. R. A. Dudley and H. M. Jones. 2,341,701; Feb. 15.
Ironer. W. E. Stilwell, Jr. 2,362,322; Nov. 7.
Ironer and dryer, Direct fired revolving. T. J. Sullivan. 2,362,947; Nov. 14.
Ironer mechanism. F. A. Parish. 2,357,685; Sept. 5.
Ironing device. E. F. Foster. 2,345,251; Mar. 28.
Ironing machine. W. H. Bradley. 2,338,163; Jan. 4.
Ironing machine. F. M. Freis. 2,346,374; Apr. 11.
Ironing machine. F. M. Freis. 2,365,542; Dec. 19.
Ironing machine. A. H. Gerhardt. 2,362,825; Nov. 14.
Ironing machine. A. H. Peters. 2,358,824; Sept. 26.
Ironing machine. H. A. Sperlich. 2,349,014; May 16.
Ironing machine. W. G. Zigler. 2,352,422; June 27.
Ironing table. H. V. Keller. 2,352,389; June 27.
Irons, Rolling strip. G. Zur Nedden and E. Cords. 2,361,729; Oct. 31.
Irradiating refrigerator and the like. S. C. Whitman. 2,347,307; Apr. 25.
Irradiating tube. S. C. Whitman. 2,338,388; Jan. 4.
Irrigating device, Clinical. C. B. Ferrel. 2,353,153; July 11.
Irrigating means. N. W. and D. S. Young. 2,350,086; May 30.
Irrigating system and device. J. W. Fleming. 2,359,981; Oct. 10.
Irrigation control system. S. L. Dias. 2,345,466; Mar. 28.
Irrigation system. A. Duke. 2,362,747; Nov. 14.
Isocyanates and related substances and process for their manufacture. W. Kaase and E. Waltman. 2,340,757; Feb. 1.
Isocyanic acid esters, Production of. E. Waltmann and E. Wolf. 2,346,202; Apr. 11.
Isocyanides, Long-chain aliphatic. H. Dreyfus. 2,342,794; Feb. 29.
Isocytosine, Preparation of. M. E. Hultquist. 2,362,070; Nov. 7.
Isolator, Shock. S. Rosenzweig. 2,359,942; Oct. 10.
Isolator, Shockproof. S. Rosenzweig. 2,359,000; Sept. 26.
Isomeric diolefins, Concentration of. R. F. Robey and H. K. Wiese. 2,357,910; Sept. 12.
Isomerisation. H. R. Warrick and C. W. Watson. 2,346,527; Apr. 11.
Isomerization of hydrocarbons, Process and catalysts for the. H. E. Drennan. 2,353,552; July 11.
Isomerization of paraffin hydrocarbons. V. N. Ipatieff and H. Pines. 2,353,899; July 18.
Isomerization of ricinoleic compounds. W. E. Hanford, R. S. Schreiber, and H. W. Gray. 2,340,745; Feb. 1.
Isomerization process. C. L. Brown. 2,361,452; Oct. 31.
Isomerization process. W. A. Schulze. 2,355,563; Aug. 8.
Isomerization process. J. M. Whiteley, Jr. 2,344,590; Mar. 21.
Isomerization process, Novel. A. Voorhies, Jr. 2,356,190; Aug. 22.
Isomerizing hydrocarbons. H. A. Cheney. 2,342,073; Feb. 15.
Isomerizing paraffinic naphthas. W. B. Kay. 2,357,521; Sept. 5.
Isoparaffins, Alkylation of. C. B. Linn. 2,342,677; Feb. 29.
Isoparaffins, Catalytic alkylation of. W. E. Bradley and K. J. Korpi. 2,359,542; Oct. 3.
Isoparaffins, Production of. E. W. M. Fawcett and E. S. Narracott. 2,361,755; Oct. 31.
Isophorone, Production of. S. A. Ballard and V. E. Haury. 2,344,226; Mar. 14.
Isophorone, Separation of by-products from. S. H. McAllister and W. A. Bailey, Jr. 2,351,352; June 13.
Isoprene-cyclopentadiene copolymers. F. J. Soday. 2,352,980; July 4.
Isothiocyanates, Manufacture of. J. Claudin. 2,338,902; Jan. 11.
Jack; *See*—
- Automobile jack.
- Deep well pump jack.
- Extension jack.
- Floor jack.
- Furnace jack.
- Hydropneumatic pumping jack.
- Hydraulic built-in jack.
- Hydraulic jack.
- Lifting jack.
- Movable truck jack.
- Plate assembling and retaining jack.
- Polished rod pumper jack.
- Self-conforming tractor jack.
- Self-controlled mechanical jack.
- Variable height jack.
- Vehicle jack.
- Window jack.

Jack. G. L. Mayberry. 2,362,495; Nov. 14.
Jack and brake arrangement for vertical generators and the like, Hydraulic. W. E. Mainwaring. 2,354,037; July 18.
Jack for motor vehicles, Lifting. C. Schmitt. 2,356,623; Aug. 22.
Jacklike support for loading, hauling, and dumping apparatus. L. W. Brooks. 2,345,789; Apr. 4.
Jack or elevator device for vehicles. J. Frova. 2,358,501; Sept. 19.
Jack shore. D. C. Scott. 2,363,752; Nov. 28.
Jack structure. E. Strom. 2,359,060; Sept. 26.
Jacket, Nonskid two-piece metal. L. A. Beard. 2,343,251; Mar. 7.
Jacket, Releasable plug. F. C. Schueler. 2,356,278; Aug. 22.
Jacket, Thermal insulating. J. T. Kamowski. 2,365,086; Dec. 12.
Jamming clutch. B. G. Horstmann. 2,365,877; Dec. 26.
Jar. F. N. Osmun. 2,364,869; Dec. 12.
Jar. J. T. Phipps. 2,344,725; Mar. 25.
Jar lifter. O. W. Phillips. 2,359,439; Oct. 3.
Jawed tool. J. E. R. M. Ternborg. 2,341,489; Feb. 8.
Jet for air velocity meters and the like. K. H. Miller. 2,342,290; Feb. 22.
Jet-pipe relay. P. Peglau. 2,350,808; June 6.
Jet propulsion device. H. A. Boushey. 2,356,746; Aug. 29.
Jettison tank valve. A. T. Newell. 2,362,297; Nov. 7.
Jetty structure for controlling river and surface water. G. W. Rehfeld. 2,341,515; Feb. 15.
Jewel. W. F. Schmalz. 2,354,067; July 18.
Jewel bearing and making same. G. Keinath. 2,352,266; June 27.
Jewelry. M. Chernow. 2,354,984; Aug. 1.
Jewelry. M. Gourse. 2,365,870; Dec. 26.
Jewelry. M. Slater. 2,357,697; Sept. 5.
Jewelry clasp. J. Stern. 2,340,708; Feb. 1.
Jewelry cleaner. C. E. Eggleton. 2,362,251; Nov. 7.
Jewelry clip. M. Chernow. 2,351,925; June 20.
Jewels, Producing inlaid. W. P. Schoder and J. P. Ruth. 2,350,421; June 6.
Jig. G. Ciesa, A. O. Hoenke, S. Kopas, Jr., and W. G. Shapkauski. 2,342,179; Feb. 22.
Jig. M. Kraut. 2,344,094; Mar. 14.
Jig. Drill. D. G. Atkins. 2,341,418; Feb. 8.
Jig, Drill. H. N. Christenson. 2,349,142; May 16.
Jig for assembling components of substructures. D. H. Duffy, J. W. Wiley, and M. M. Ross. 2,353,954; July 18.
Jig for welding structural shapes. A. E. Dittrich. 2,352,697; July 4.
Jig or fixture for electroplating. A. E. Lundbye. 2,348,915; May 16.
Jig, Rotating. J. D. Warner. 2,359,177; Sept. 26.
Jiggering apparatus. W. H. Emerson. 2,362,058; Nov. 7.
Jogging device. F. B. Curtis. 2,341,021; Feb. 8.
Joggle wedge. J. R. Haughton. 2,354,594; July 25.
Joggling tool. C. L. Beard. 2,363,931; Nov. 28.
Joint; *See*—
- Abrasive belt joint.
- Adjustable chain joint.
- Artificial arm joint.
- Ball joint.
- Clevis joint.
- Constant-velocity joint.
- Constant velocity universal joint.
- Construction joint.
- Expansion joint.
- Flexible joint.
- High pressure joint.
- Lap joint.
- Lock joint.
- Pipe joint.
- Portable irrigation pipe joint.
- Rail joint.
- Roofing joint.
- Rotary seal joint.
- Rotary steam joint.
- Seal joint.
- Steam joint.
- Structural joint.
- Swing joint.
- Swivel joint.
- Universal ball joint.
- Universal joint.

Joint. J. N. Heltzel. 2,358,328; Sept. 19.
Joint. J. Seib. 2,342,305; Feb. 22.
Joint and bar for building structures, Basic. T. Janiszewski. 2,353,039; July 4.
Joint and rodding and making, Universal. O. V. Cardinal. 2,355,781; Aug. 15.
Joint assembly, Tie rod. M. P. Graham and A. Venditty. 2,340,467; Feb. 1.
Joint construction. G. H. Hufferd. 2,350,398; June 6.
Joint construction. G. O. Johnson. 2,340,475; Feb. 1.
Joint construction. C. L. Methven. 2,349,910; May 30.
Joint construction. E. A. Zetterquist. 2,352,583; June 27.
Joint construction, Fluid-tight. R. Gold. 2,359,215; Sept. 26.
Joint for concrete pipes. E. Hering. 2,350,231; May 30.
Joint for dolls, Arm. J. De Jong. 2,354,581; July 25.
Joint for demountable furniture. F. Kramer. 2,362,904; Nov. 14.
Joint for metal sheath cables. W. C. Kleinfelder. 2,357,501; Sept. 5.
Joint for metal sheets. V. A. Cardarelli, Sr.. 2,360,107; Oct. 10.
Joint for oil-insulated high-tension cables. C. F. Proos. 2,356,614; Aug. 22.
Joint for the walls of vessels. J. P. Walker. 2,354,342; July 25.
Joint, more particularly for chairs, bedsteads, stretchers, or the like. C. E. E. Lundquist. 2,361,853; Oct. 31.
Joint or terminal, Cable. A. Meyerhans and H. Hartmann. 2,355,545; Aug. 8.
Joint packing. H. W. Buhler. 2,360,106; Oct. 10.
Joint structure for metal tubing. E. C. Booth. 2,350,582; June 6.
Joint structure, Gasketed. R. L. Johnston. 2,359,118; Sept. 26.
Jointing guide for saw filing machines. F. E. Collier. 2,343,171; Feb. 29.
Joints, Means and method of making. J. H. James and H. B. Miller. 2,344,615; Mar. 21.
Journal box closure means. E. S. Pearce. 2,348,843; May 16.
Journal box lid. G. McCormick, L. N. Griffith, A. D. Williams, and S. and T. T. McCormick. 2,349,973; May 30.
Journal box structure. A. P. Harrington. 2,361,289; Oct. 24.
Journal lubricator. F. W. Martin. 2,350,245; May 30.
Juice expressing machine, Citrus fruit. F. L. McCulloch. 2,363,798; Nov. 28.
Juice extracting machine. H. M. Owens. 2,345,683; Apr. 4.
Juice separator. L. Moroni. 2,360,964; Oct. 24.
Juicer support. S. Behar. 2,344,227; Mar. 1.
Junction box. T. H. Laehr. 2,340,667; Feb. 1.
Junction box. J. R. Madeira. 2,339,496; Jan. 18.
Keeper. J. B. Milner. 2,353,844; July 18.
Kelly rod and drive bushing therefor. W. T. Caldwell. 2,335,093; Jan. 4.
Kelp, Drying. D. E. Clark, L. D. Pratt, S. A. Coleman, and H. C. Green. 2,350,209; May 30.
Keratitic medicament. J. B. Stribling. 2,364,563; Dec. 5.
Kerf-cutting machine. F. A. Lindgren. Re. 22,563; Nov. 21.
Kerf-cutting machine. W. W. Sloane. 2,339,523; Jan. 18.
Keto-alcohol acetates, Manufacture of. F. Bergel. 2,358,618; Sept. 19.
Keto derivatives of 17-ethynyl-17-hydroxy-perhydrocyclopentenophenanthrenes and preparing them. H. E. Stavely. 2,357,364; Sept. 5.
Ketones, Bromination of. F. Bergel. 2,355,410; Aug. 8.
Ketones from alicyclic alcohols, Production of alicyclic. F. Laucht. 2,338,445; Jan. 4.
Ketones of the cyclopentano hydrophenanthrene series and product, Preparing. P. L. Julian and J. W. Cole. 2,341,557; Feb. 15.
Ketones, Production of. A. C. Byrns. 2,355,703; Aug. 15.
Ketosteroids, Manufacture of. L. Mamoli. 2,341,110; Feb. 8.
Ketoximes into acid amides, Conversion of. G. Wiest. 2,351,381; June 13.
Kettle, Deep fat frying. M. Thompson. 2,354,487; July 25.
Kettle, Fry. H. N. Shaw. 2,360,727; Oct. 17.
Kettle mounting and control means. W. H. Kuster and E. A. Glynn. 2,346,973; Apr. 18.
Key-arrangement for fixing wooden tool handles. A. Lind. 2,340,248; Jan. 25.
Key actuated type selecting mechanism. T. A. Keen and J. Kiburg. 2,340,596; Feb. 1.
Keyboard for accordions. E. Claude. 2,341,082; Feb. 8.
Keyboard for calculating machines. R. Faigle. 2,355,637; Aug. 15.
Keyboard printing and perforating apparatus. J. O. Carr and M. T. Goetz. 2,343,882; Mar. 14.
Key-carrying device. W. I. Jones. 2,342,078–9; Feb. 15.
Key case. G. R. Hawes. 2,360,675; Oct. 17.
Key case. L. L. Sherwood. 2,360,077; Oct. 10.
Key case. R. N. Ziegeweid. 2,344,581; Mar. 21.
Key for locks. O. E. Seiffert. 2,356,891; Aug. 29.
Key head. H. Martin and W. Franz. 2,350,787; June 6.
Key holder. A. A. Zarowin. 2,348,947; May 16.
Key holder support for key cases. R. P. Harvey. 2,351,205; June 13.
Keyhole cover and assembly. T. H. Johnstone. 2,355,300; Aug. 8.
Keying mechanism. R. R. Smessaert. 2,354,779; Aug. 1.
Key lock and interlock for cash registers. K. M. Vigborg. 2,344,377; Mar. 14.
Key opening container. F. J. O'Brien. 2,365,100; Dec. 12.
Key opening sheet metal container. W. W. Hodgson. 2,348,542; May 9.
Key opening sheet metal container. W. W. Hodgson. 2,362,821; Nov. 14.
Key punch attachment. D. A. Nevin. 2,342,516; Feb. 22.
Key retainer. S. Segal. 2,339,297; Jan. 18.
Key retainer. S. Segal. 2,358,351; Sept. 19.
Key set control mechanism for calculating machines. T. O. Mehan. 2,360,005; Oct. 10.
Key tag or the like, Hotel. G. J. Evalt. 2,357,641; Sept. 5.
Keyway grinding tool. W. P. Dettloff. 2,352,888; July 4.
Kickout device for wrapping machines. O. Sandberg. 2,351,579; June 20.
Kiln. A. J. Ruckman. 2,360,722; Oct. 17.
Kiln for extraction of mercury from its ores, Rotary. C. F. Degner. 2,348,673; May 9.
Kiln, Rotary. R. C. Buehl. 2,363,390; Nov. 21.
Kit construction, Noncrushable. L. A. Schaffer. 2,353,932; July 18.
Kit, First-aid. R. R. Seaton. 2,357,555; Sept. 5.
Kit for suction cleaners, Dusting tool. W. H. Kitto. 2,340,390; Feb. 1.
Kit, Home treasury. C. V. Fry. 2,359,473; Oct. 3.
Kit, Sewing. H. Stern. 2,345,994; Apr. 4.
Kitchen air cleaner and purifier. B. Somntag. 2,341,245; Feb. 8.
Kitchen range. B. C. White. 2,352,239; June 27.
Knapsack, haversack, and the like. M. Kassner. 2,340,964; Feb. 8.
Kneader, Double acting. E. A. F. Presser. 2,350,299; May 30.
Knee protector. F. B. Gill. 2,363,058; Nov. 21.
Knife. O. Brownsey. 2,358,210; Sept. 12.
Knife. W. J. Evinger. 2,343,175; Feb. 29.
Knife. A. Monaco. 2,356,872; Aug. 29.
Knife. L. Silver. 2,353,416; July 11.
Knife. R. E. Walker. 2,348,429; May 9.
Knife and razor, Combined. E. R. Douglass. 2,349,252; May 23.
Knife cleaner for rotary tobacco-leaf cutting machines. H. W. Langrish. 2,350,686; June 6.
Knife, Eel. J. T. Stokes. 2,364,250; Dec. 5.
Knife, fork, and spoon holder. G. Pickering. 2,354,968; Aug. 1.
Knife holder. P. E. Gilbert. 2,357,646; Sept. 5.
Knife, Hunting. J. B. F. Champlin and T. H. Banton. 2,350,494; June 6.
Knife, Instant field. A. J. Guthrie. 2,353,557; July 11.
Knife, Multiple. M. E. Becker. 2,364,339; Dec. 5.
Knife, Pocket. G. M. Schrade. 2,360,165; Oct. 10.
Knife rack. A. E. Rosenberg. 2,338,303; Jan. 4.
Knife, Slicing. H. C. Simmons. 2,355,755; Aug. 15.
Knife, Tapping. W. O. Hansen. 2,364,973; Dec. 12.
Knitted article. B. T. Cole. 2,357,630; Sept. 5.
Knitted covering or coverings on a strand, Method of and apparatus for making a. C. N. Stover. 2,356,019; Aug. 1.
Knitted fabric. J. and F. Just, and F. David. 2,338,945; Jan. 11.
Knitted fabric. W. A. Saussaman and J. L. Bausher. 2,361,152; Oct. 24.
Knitted fabric and method. E. St. Pierre and D. Fregeolle. 2,339,963; Jan. 25.
Knitted fabric and method. W. L. Smith, Jr. 2,347,005; Apr. 18.
Knitting. R. E. Davis. 2,357,506; Sept. 5.
Knitting. O. Fregeolle. 2,360,668; Oct. 17.
Knitting by mechanical means, Production of. H. N. and E. E. Smith. 2,353,197; July 11.
Knitting machine. E. Brooksby and F. E. Deans. 2,366,001; Dec. 26.
Knitting machine. H. H. Holmes and J. C. H. Hurd. 2,342,541; Feb. 22.
Knitting machine. F. Lambach. 2,363,535; Nov. 28.
Knitting machine. R. N. Toone. 2,357,708; Sept. 5.
Knitting machine. A. Shortland. 2,353,973; July 18.
Knitting machine and method. P. W. Bristow. 2,365,801; Dec. 26.
Knitting machine and method. O. Fregeolle and I. H. C. Green. 2,345,664; Apr. 4.
Knitting machine and operating same. F. R. Page and J. J. McDonough. 2,366,124; Dec. 26.
Knitting machine and sinker. W. A. Cooper. 2,353,634; July 18.
Knitting machine, Circular. T. C. Bromley and A. Shortland. 2,345,698; Apr. 4.
Knitting machine, Circular independent needle. H. H. Holmes and A. P. Saunders. 2,358,641; Sept. 19.
Knitting machine, Flat. M. Nebel. 2,345,064; Mar. 28.
Knitting machine of the double axially opposed needle cylinder type, Circular. H. H. Holmes. 2,358,640; Sept. 19.

Knitting machine, Warp. R. Bassist. 2,361,526; Oct. 31.
Knitting machines. De H. G. Scrantom. 2,348,932; May 16.
Knitting method and machine. H. E. Houseman. 2,364,217; Dec. 5.
Knob controlled night latch. E. J. Baume. 2,361,734; Oct. 31.
Knob, Door. N. B. Stone. 2,344,376; Mar. 14.
Knockdown easy chair. F. Kramer. 2,364,452; Dec. 5.
Knockdown picnic table. J. C. La Rue. 2,362,567; Nov. 14.
Knockdown tank. S. W. Zoldok. 2,347,309; Apr. 25.
Knockdown utility cabinet. A. Stone. 2,360,452; Oct. 17.
Knockoff mechanism for phonographs. F. J. Offen. 2,352,561; June 27.
Knuckle, Steering. R. H. Phelps. 2,341,811; Feb. 15.
Knurling device. R. G. Le Tourneau. 2,338,186; Jan. 4.
Knurling machine. N. A. Jung and H. F. Tenkotte. 2,347,350; Apr. 25.
Knurling tool. W. H. Kay. 2,365,197; Dec. 19.
Knurling tool. A. B. Lamoreaux. 2,359,997; Oct. 10.
Kraft pulp, Manufacture of bleached. S. D. Wells. 2,364,177; Dec. 5.
Label, tag, and the like. W. Kahn. 2,345,342; Mar. 28.
Label, tag, and the like, Adhesive. D. F. Dreher. 2,364,607; Dec. 12.
Labeled container. C. L. Hansen. 2,356,399; Aug. 22.
Labeling. G. W. von Hofe. 2,338,887; Jan. 11.
Labeling machine. W. D. Kimball and E. Ardell. 2,342,284; Feb. 22.
Labeling machine. W. D. Kimball and E. Ardell. 2,354,688; Aug. 1.
Labeling machine. H. A. Netzger. 2,356,875; Aug. 29.
Labeling machine. H. B. Tuthill. 2,344,185; Mar. 14.
Labeling machine. G. W. Von Hofe. 2,362,328; Nov. 7.
Labeling machine and process. M. F. Welda. 2,349,317; May 23.
Lace machine. A. F. Schuler. 2,341,952; Feb. 15.
Lace web and making lace strips therefrom. J. Spalding. 2,346,195; Apr. 11.
Lacing closure. L. Roseman. 2,339,427; Jan. 18.
Lacquer. L. Auer. 2,352,173; June 27.
Lacquer and applying same. G. Schultze. 2,338,461; Jan. 4.
Lacquer coated therewith, Cellulose derivative. A. L. Rummelsburg. 2,359,874; Oct. 10.
Lacquer, Nongelling bronzing. H. L. Wampner. 2,345,955; Apr. 4.
Lacquer, Thermoplastic. V. A. Navikas. 2,346,600; Apr. 11.
Lactams, Producing. O. Drossbach, H. Hopff, and K. Huttner. 2,351,939; June 20.
Lactic acid purification. H. H. Schopmeyer and C. R. Arnold. 2,350,370; June 6.
Lactones and making same. L. Ruzicka. 2,361,968; Nov. 7.
Lactones of the cyclopentano-polyhydrophenanthrene series and making same. L. Ruzicka. 2,362,408; Nov. 7.
Lactones of the cyclopentanopolyhydrophenanthrene series, and making same. L. Ruzicka. 2,362,439; Nov. 7.
Lactones of the saturated and unsaturated cyclopentanopolyhydrophenanthrene series, and preparing same. L. Ruzicka. 2,361,966; Nov. 7.
Lactones of the saturated and unsaturated cyclopentanopolyhydrophenanthrene series, Preparing. L. Ruzicka. 2,361,967; Nov. 7.
Lactones of the saturated and unsaturated cyclopentanopolyhydrophenanthrene series and preparing same. L. Ruzicka and T. Reichstein. 2,361,964–5; Nov. 7.
Lactones, Preparation of beta. F. E. King. 2,356,459; Aug. 22.
Lactonitrile, Acylation of. V. L. Hansley. 2,342,612–13; Feb. 22.
Lactose milk for storage and recovery of lactose therefrom, Preparing condensed low. K. C. Thorneloe. 2,349,227; May 16.
Ladder. F. and T. D. Kidd. 2,348,136; May 2.
Ladder. H. W. Richards. 2,350,129; May 30.
Ladder. T. Weston. 2,339,593; Jan. 18.
Ladder and shiftable platform for floating type tank roofs, Folding. J. H. Wiggins. 2,341,890; Feb. 15.
Ladder attachment. N. Bengert. 2,360,640; Oct. 17.
Ladder, Chain. H. P. Hopp and E. Kunzelman. 2,348,906; May 16.
Ladder, Chain. H. P. Hopp and E. Kunzelman. 2,353,035; July 4.
Ladder construction, Chain. H. P. Hopp and E. Kunzelman. 2,348,069; May 2.
Ladder, Fish. D. R. Smith. 2,363,154; Nov. 21.
Ladder, Hay and shock. R. Niewendorp. 2,364,308; Dec. 5.
Ladder, Jacob's. H. P. Hopp and E. Kunzelman. 2,348,068; May 2.
Ladder, Jacob's. E. J. Schneider. 2,355,399; Aug. 8.
Ladder, Jacob's. E. J. Schneider. 2,365,012; Dec. 12.
Ladder, Multiple chain. N. L. Dahlander. 2,343,123; Feb. 29.
Ladder, Orchard. J. O. Young. 2,354,904; Aug. 1.
Ladder, Ship. W. Moeller. 2,338,778; Jan. 11.
Ladder supporting means. C. L. Fairfax. 2,364,521; Dec. 5.
Ladder tapes, Loom for weaving. E. R. Holmes. 2,355,531; Aug. 8.
Ladder tapes, Weaving. E. R. Holmes. 2,355,532; Aug. 8.
Ladder web with different colored bands. E. J. Gibbons. 2,348,170; May 2.
Lading brace. G. C. George. 2,340,374; Feb. 1.
Ladle for molten metal and sealing closures therein. H. G. Freeman. 2,348,199; May 2.
Ladle, Free flow hot metal. H. L. McFeaters. 2,341,054; Feb. 8.
Lady's undergarment. Z. A. Stephens. 2,344,374–5; Mar. 14.
Laminar structure and its preparation. G. F. Nadeau and C. B. Starck. 2,362,580; Nov. 14.
Laminated articles, Breaking. W. J. Joyce. 2,365,085; Dec. 12.
Laminated boat rib and making same. E. B. McGlone. 2,343,683; Mar. 7.
Laminated body. E. Komenda. 2,347,566; Apr. 25.
Laminated driving belts, Assembling of. H. Brammer. 2,362,185; Nov. 7.
Laminated fabric. L. Glass. 2,343,408; Mar. 7.
Laminated gas, Making. L. D. Keslar. 2,353,473; July 11.
Laminated gear pump. G. A. Ungar and J. F. Keller. 2,340,022; May 16.
Laminated gear pump. G. A. Ungar and J. F. Keller. 2,362,106; Nov. 7.
Laminated material, High-pressure. L. R. Hill. 2,363,323; Nov. 21.
Laminated molded structures, Forming. E. L. Vidal. 2,342,988; Feb. 29.
Laminated safety glass, Process and apparatus for the manufacture of. O. H. Paddock. 2,357,538; Sept. 5.
Laminated sealing ring. T. R. Smith. 2,360,735; Oct. 17.
Laminated sound record. W. R. Collings. 2,351,600; June 20.
Laminated structure. E. L. Vidal and L. J. Marhoefer. 2,348,316; May 9.
Laminated structure and making such structure. E. L. Vidal and L. J. Marhoefer. 2,342,023; Feb. 15.
Laminated tubular bodies, Forming. W. F. Stahl. 2,354,556; July 25.
Laminating fabric. J. E. Bludworth. 2,348,781; May 16.
Lamination and manufacture, Shatterproof. E. H. Land. 2,356,252; Aug. 22.
Laminator, Portable. G. L. Lewis. 2,339,492; Jan. 18.
Lamp: *See*—

Arc lamp.	Fluorescent lamp.
Black-out lamp.	Germicidal lamp.
Cab lamp.	High power timing neon lamp.
Circular electric lamp.	
Combustion lamp.	High pressure mercury vapor lamp.
Daylight lamp.	
Desk lamp.	Incandescent electric lamp.
Disk-type fluorescent lamp.	
Electric gaseous discharge lamp.	Motor vehicle lamp.
	Piped light full-beam electric lamp.
Electric lamp.	
Electrically lighted lamp.	Portable lamp.
Flash lamp.	Signal lamp.
Flashing incandescent lamp.	Signalling lamp.
	Ultraviolet fluorescent lamp.
Flashing lamp.	
Flashlight full-beam electric lamp.	Vehicle lamp.
Flood light full-beam electric lamp.	

Lamp. C. Adler, Jr. 2,365,504; Dec. 19.
Lamp. J. Ehrlich. 2,357,732; Sept. 5.
Lamp. C. E. Meyerhoefer. 2,362,110; Nov. 7.
Lamp. D. W. Paul. 2,358,347; Sept. 19.
Lamp. J. J. Smith. 2,365,150; Dec. 19.
Lamp. W. P. Wagner. 2,343,598; Mar. 7.
Lamp and clock, Combined bed-reading. E. J. Springer. 2,358,422; Sept. 19.
Lamp and making the same, Combined illuminating and germicidal. J. L. Libby. 2,362,384; Nov. 7.
Lamp and manufacture, Incandescent. L. W. Curtis. 2,359,302; Oct. 3.
Lamp base and socket. F. D. Bryant. 2,338,835; Jan. 11.
Lamp base and starter, Discharge. R. N. Thayer. 2,351,305; June 13.
Lamp bracket and the like, Adjustable. C. L. Heyermans. 2,345,393; Mar. 28.
Lamp bulbs, Sealing-in and molding. M. E. McGowan. 2,351,530; June 13.
Lamp construction. M. Markowitz. 2,339,498; Jan. 18.
Lamp construction. W. T. Mears. 2,344,716; Mar. 21.
Lamp equipment, Hot vapor. M. A. Babb. 2,339,244; Jan. 18.
Lamp especially for photographic enlargers and projectors, Luminous discharge. L. C. Blair. 2,364,880; Dec. 12.
Lamp fixture, Fluorescent. O. H. Biggs and C. F. MacCarthy. 2,358,784; Sept. 26.
Lamp fixture, Fluorescent. H. U. Schockett. 2,360,448; Oct. 17.
Lamp for sound reproducers, Alternating current exciter. R. L. Haynes. 2,348,296; May 9.
Lamp holder. C. H. Hodgkins. 2,343,853; Mar. 7.
Lamp holder. A. H. Laidig. 2,359,124; Sept. 26.
Lamp jacket, Vapor. L. R. Keiffer. 2,363,109; Nov. 21.
Lamp modulated recording method and system. H. I Reiskind. 2,360,012; Oct. 10.
Lamp reflector mounting. W. H. Woodward. 2,358,843; Sept. 26.

Lamp replacer, Pull type. H. D. Grinnell. 2,357,105; Aug. 29.
Lamp replacer, Universal screw type. H. D. Grinnell. 2,357,104; Aug. 29.
Lamp retaining ring, Airplane landing light. J. M. Roper. 2,363,147; Nov. 21.
Lamp sealing apparatus. R. M. Gardner. 2,349,822; May 30.
Lamp shade. R. C. Nadler. 2,341,942; Feb. 15.
Lamp shade. S. Sher. 2,339,655; Jan. 18.
Lamp shades, Manufacture of. J. Greenberg. 2,348,469; May 9.
Lamp socket. H. N. Fairbanks. 2,341,431; Feb. 8.
Lamp socket unit. E. E. Johnson. 2,357,955; Sept. 12.
Lamp socket unit. W. V. Richards. 2,348,649; May 9.
Lamp socket unit. M. E. Wood. 2,360,809; Oct. 17.
Lamps, Collapsible and vertically adjustable stand for work. J. C. Rose. 2,352,496; June 27.
Lamps, Housing for fluorescent. B. Levy. 2,338,521; Jan. 4.
Lamps, Manufacture of miniature incandescent. R. K. Braunsdorff. 2,354,194; July 25.
Lamps, Method and apparatus for loading flash. W. J. Geiger and W. Davidson. 2,347,046; Apr. 18.
Lamps, Operating system for discharge. F. D. Bryant. 2,351,936; July 4.
Land cultivating apparatus. J. P. Bagan. 2,342,031; Feb. 15.
Land mine. G. C. Berger. 2,351,474; June 13.
Landing and supporting well tubings. L. L. Rector and L. H. Hilton. 2,354,929; Aug. 2.
Landing equipment, Blind. E. N. Dingley, Jr. 2,338,100; Jan. 4.
Landing equipment, Instrument. E. N. Dingley, Jr. 2,340,282; Jan. 25.
Landing gear. J. H. Stephens. 2,346,797; Apr. 18.
Landing gear for aircraft. S. M. Parker. 2,348,493; May 9.
Landing gear for aircraft. S. M. Parker. 2,356,468; Aug. 22.
Landing gear for aircraft, Retractable. C. R. Waseige. 2,353,764; Aug. 15.
Landing platform for airplanes. S. K. Wellman. 2,345,773; Feb. 29.
Landplanes, Method and means for assisting the take-off of. T. L. Bonstow and A. L. Margolis. 2,355,948; Aug. 15.
Landslides, Preventing. V. A. Endersby. 2,348,458; May 9.
Lantern. W. Trautner. 2,344,221; Mar. 14.
Lantern, Electric hand. C. H. Larson. 2,358,015; Sept. 12.
Lantern, Signal. R. C. Shannon. 2,344,175; Mar. 14.
Lantern, Utility. R. T. Sand. 2,363,088; Nov. 21.
Lap and batt, Textile. L. P. Miller. 2,361,310; Oct. 24.
Lap joint. L. A. Carney. 2,343,106; Feb. 29.
Lap rolls, Regulating the formation of. W. G. Reynolds. 2,342,222; Feb. 22.
Lapping apparatus. D. A. Wallace. 2,345,308; Mar. 28.
Lapping machine. F. J. Kent. 2,352,105; June 20.
Lapping machine. W. J. Peets. 2,354,347; July 25.
Lapping machine for wire-drawing dies. O. G. Ferrier. 2,350,023; May 30.
Lapping tool. A. W. Harris. 2,340,380; Feb. 1.
Lapping tool. F. F. Hillix. 2,340,383–6; Feb. 1.
Larvicide. W. G. Bruce. 2,357,717; Sept. 5.
Laryngoscope. R. B. Macintosh. 2,354,471; July 25.
Lasting machine. P. E. Burby. 2,354,663; Aug. 1.
Lasting machine. P. E. Burby. 2,364,057; Dec. 5.
Lasting machine. F. C. Eastman. 2,349,515; May 30.
Lasting machine. A. Eppler, Jr. 2,339,774; Jan. 25.
Lasting machine. B. Jorgensen. 2,346,687–8; Apr. 18.
Lasting machine. B. Jorgensen. 2,354,685–6; Aug. 1.
Lasting machine. L. G. Miller. 2,339,504; Jan. 18.
Lasting machine. L. G. Miller. 2,357,841; Sept. 12.
Lasting machine. W. T. B. Roberts. 2,365,841; Dec. 26.
Lasting mechanism. A. Eppler, Jr. 2,362,059; Nov. 7.
Lasting shoes. M. Cuozzo. 2,344,503; Mar. 21.
Lasts, Machine for operating on. A. R. Schoenky. 2,342,226; Feb. 22.
Latch. See—
Antifriction door latch.
Door handle and latch.
Door latch.
Knob controlled night latch.
Post socket latch.
Refrigerator latch.
Latch construction. W. Peglow. 2,359,150; Sept. 26.
Latch for convertible automobile top. E. G. Simpson. 2,360,524; Oct. 17.
Latch for fair-leaders, Pin retainer. K. Berger. 2,362,531; Nov. 14.
Latch for pistol holsters, Safety. F. A. Ray. 2,349,376; May 23.
Latch handle. U. L. Thomas. 2,345,304; Mar. 28.
Latch mechanism. L. L. Anderson and N. J. Van Dam. 2,341,416; Feb. 8.
Latch mechanism. A. F. Baker. 2,347,146; Apr. 18.
Latch mechanism. F. P. Berghoff. 2,346,656; Apr. 18.
Latch mechanism. H. T. Sparrow. 2,348,426; May 9.
Latch needle. A. R. Cole. 2,344,850; Mar. 21.
Latch operating device. C. P. Graham. 2,344,696; Mar. 21.
Latch with multiple engaging means, Rotary. W. A. Endter. 2,342,848; Feb. 29.
Latching and locking device, Automatic. H. R. Gross. 2,348,292; May 9.
Latching means for electromagnetic devices. B. C. Wells. 2,340,092; Jan. 25.
Latching mechanism. W. A. Endter. 2,362,256; Nov. 7.
Latching mechanism. H. L. Peek. 2,342,616; Feb. 29.
Latching mechanism for drawers and the like. J. E. Jones, L. M. Hultberg, and V. A. Gronberg. 2,343,977; Mar. 14.
Latex and like materials, Materials for creaming. G. Mack. 2,354,531; July 25.
Latex and product thereof, Preserving. W. D. Stewart. 2,350,294; May 30.
Latex and product thereof, Preserving. W. D. Stewart. 2,352,573; June 27.
Latex and product thereof, Preserving. W. D. Stewart. 2,361,070; Oct. 24.
Latex composition. R. R. Sterrett. 2,348,865; May 16.
Latex, Oxidation of synthetic. V. E. Wellman. 2,344,843; Mar. 21.
Lath to studding or the like, Securing. A. C. Olsen. 2,347,961; May 2.
Lathe. P. Boillat. 2,348,052; May 2.
Lathe. M. R. Heppenstall. 2,339,400; Jan. 18.
Lathe. F. A. Quick. 2,350,190; May 30.
Lathe and lathe tool. S. Welbury. 2,351,892; June 20.
Lathe and shaper tool bit grinding gauge. L. H. Howe. 2,365,759; Dec. 26.
Lathe attachment. E. du B. Lukis. 2,345,613; Apr. 4.
Lathe attachment. J. A. Honegger. 2,365,196; Dec. 19.
Lathe attachment. H. Huss. 2,341,619; Feb. 15.
Lathe attachment. K. R. Sjogren. 2,342,903; Feb. 29.
Lathe, Automatic. P. Boillat. 2,339,140; Jan. 11.
Lathe, Automatic. W. Facks. 2,363,053; Nov. 21.
Lathe, Automatic pressure operated. T. L. May. 2,338,125; Jan. 4.
Lathe chuck. A. J. Lauby. 2,341,926; Feb. 15.
Lathe, Copying. L. E. Topham. 2,365,311; Dec. 19.
Lathe drive. H. V. Packer. 2,341,806; Feb. 15.
Lathe headstock transmission. W. L. Groene. 2,347,259; Apr. 25.
Lathe, Multiple spindle. R. G. Le Tourneau. 2,343,150; Feb. 29.
Lathe, Multispindle automatic. E. Kohring. 2,340,538; Feb. 1.
Lathe, Shell nosing. R. G. Le Tourneau. 2,360,001; Oct. 10.
Lathe tool. T. A. Fullen. 2,354,045; Aug. 15.
Lathe, Veneer. J. O. Jackson. 2,340,532; Feb. 1.
Lathes, Controlling mechanism for. H. Schumacher. 2,338,975; Jan. 11.
Lathes, Method of and apparatus for controlling the operation of. G. J. Wintermute and D. E. Beach. 2,351,649; June 20.
Lather mixing machine. M. Rolstad and H. E. Cullen. 2,344,170; Mar. 14.
Launching device for boats and the like, Quick-acting. H. C. Hartzog. 2,349,268; May 23.
Launching rig, Multiple weight aerial delivery container. F. G. Manson and J. J. Maskey. 2,345,615; Apr. 4.
Laundering machine. C. H. Hays, Jr. 2,361,767; Oct. 31.
Laundry apparatus. F. Breckenridge and M. K. Clark. 2,356,816; Aug. 29.
Laundry handling mechanism. T. A. Carothers and W. J. Keuper. 2,350,464; Oct. 3.
Laundry heat conditioning tumbler. E. D. Purkett. 2,360,161; Oct. 10.
Laundry machine. R. E. Bassett, Jr. 2,352,362–3; June 27.
Laundry machine. E. J. Downes. 2,348,115; May 2.
Laundry machine. J. B. Kirby. 2,334,253; Mar. 14.
Laundry machine. L. D. McCleary. 2,339,345; Jan. 18.
Laundry press. S. E. Alley, C. S. Gardner, and S. E. Alley. 2,357,493; Sept. 5.
Lavatory. H. G. Coordes. 2,361,604; Oct. 31.
Lawn and garden tool. B. F. Kay. 2,343,616; Mar. 7.
Lawn mower. F. W. Wildeboor and M. A. Doughty. 2,340,849; Feb. 8.
Lawn mower appliance. H. B. Cummings. 2,347,991; May 2.
Lawn mower attachment. K. H. Redd. 2,339,948; Jan. 25.
Lawn mower, High grass. J. A. Ronning. Re. 22,467; Apr. 4.
Lawn renovating machine. S. J. Lindskog. 2,353,345; July 11.
Lawn trimmer, Straight-edge. C. J. Winter. 2,348,669; May 9.
Lawn weeder. F. B. Hardman. 2,349,621; May 23.
Laxatives. J. H. Kane and W. H. Staebner. 2,363,108; Nov. 21.
Layer for making wire cord. C. R. Brownell. 2,342,999; Feb. 29.
Laying concrete pathways and the like, Means for use in. T. W. Flory. 2,338,630; Jan. 4.
Layout apparatus. E. S. Guttmann. 2,353,726; July 18.
Layout gauge. J. Zweekly. 2,353,109; July 4.
Layout instrument. F. J. Vierling. 2,363,166; Nov. 21.
Lead alkyl and aviation gasoline containing it, Stabilised. R. L. Walters. 2,361,537; Oct. 24.
Lead alloy. G. J. D'Eustachio. 2,348,323; May 9.
Lead arsenate, Producing. J. S. Nordyke. 2,354,475; July 25.

Lead chamber, Water-cooled. A. M. Fairlie. 2,345,661; Apr. 4.
Lead chromate pigment production. E. C. Botti. 2,365,171; Dec. 19.
Lead connector. C. Wantz. 2,344,192; Mar. 14.
Lead control device. A. K. Selnes. 2,350,538; June 6.
Lead, crayon, and ceramic, Pencil. W. H. Vaughan. 2,348,315; May 9.
Lead-in arrangement. J. E. Beggs. 2,344,280; Mar. 14.
Lead-in conductors for vacuum tubes, Assembling. F. Lohmann. 2,338,881; Jan. 4.
Lead or lead alloy, Refining. J. C. Dittmer. 2,365,177; Dec. 19.
Lead oxides, Manufacture of. R. L. Seabury and R. A. Daily. 2,347,131; Apr. 18.
Lead, Pencil. M. A. Ferst and C. F. Wysong. 2,355,639; Aug. 15.
Lead, Refining. P. G. J. Guesterbock and A. E. Baxter. 2,352,625; July 4.
Lead sulphide, Production of. W. A. Schulze. 2,362,670; Nov. 14.
Leaf cutting mechanism. H. H. Wheeler. 2,343,946; Mar. 14.
Leaf entering and centering mechanism for tobacco strippers. R. E. Rundell. 2,362,098; Nov. 7.
Leaf separator. C. B. Wooten. 2,364,335; Dec. 5.
Leaf spring with friction element. J. W. Watson. 2,348,942; May 16.
Leak-locating apparatus. D. J. Manning. 2,360,434; Oct. 17.
Leak mender. L. M. Yaggy. 2,348,273; May 9.
Leak-proof dry cell. L. G. Berigan. 2,360,541; Oct. 17.
Leak-proof swivel joint for pipes. H. C. Krone and W. Meyer. 2,341,440; Feb. 8.
Leakage in gas lines, Detecting and measuring. M. E. Beneah. 2,353,287; July 11.
Leakage in rubber articles and the like, Preventing. E. T. Wyman. 2,360,925; Oct. 24.
Leakage indicator for alternating electric current circuits. S. A. Stevens and L. H. Peter. 2,360,288; Oct. 10.
Leakage testing device. J. D. O'Brien. 2,342,616; Feb. 22.
Leakage testing machine, Container part. H. Schrader. 2,352,916; July 4.
Lease forming attachment. W. J. O'Connor. 2,344,721; Mar. 21.
Leather articles, Making hollow. G. S. Marx. 2,346,318; Apr. 11.
Leather drier. A. O. Hurxthal. 2,347,109; Apr. 18.
Leather, Method of tempering. A. J. Wells. 2,363,715; Nov. 28.
Leather, Treating of. E. A. Robinson and R. E. Porter. 2,347,712; May 2.
Leather, Treatment of chrome-tanned. J. M. Grim and J. G. Niedercorn. 2,353,556; July 11.
Leathers and the like, Treating. W. D. Kennedy. 2,361,296; Oct. 24.
Lecture and projection desk of the scriptoscope type. D. Kats. 2,351,618; June 20.
Leg assembly for composite metal and wood furniture. J. S. Burdick. 2,345,178; Mar. 28.
Leg band for holding down body garments. J. H. Vogt and E. Simmat. 2,343,823; Mar. 7.
Leg extension appliance for ladders. R. T. Kimes. 2,350,116; May 30.
Leg instrument, Pivoted. J. Nash. 2,364,806; Dec. 12.
Leg rest. L. E. Bowman. 2,346,722; Apr. 18.
Lehr. C. E. Hahn. 2,351,262; June 13.
Lehr for tubing. M. Pennybacker and A. R. Hussey. 2,347,156; Apr. 18.
Lehr loader. W. L. McNamara and F. Z. Fouse. 2,363,681; Nov. 28.
Lens. G. H. Aklin. 2,338,614; Jan. 4.
Lens. G. H. Aklin. 2,343,627; Mar. 7.
Lens. F. E. Altman. 2,343,629; Mar. 7.
Lens. F. E. Altman. 2,346,062; Apr. 4.
Lens. A. H. Bennett, R. S. Estey, and H. H. Styll. 2,361,589; Oct. 31.
Lens. H. L. Prange. 2,354,772; Aug. 1.
Lens and making same. A. H. Bennett, R. S. Estey, and H. H. Styll. 2,360,641; Oct. 17.
Lens and making the same. H. R. Moulton. 2,357,345; Sept. 5.
Lens capping mechanism. W. O. Runcie. 2,354,145; July 18.
Lens centering device. J. Bolsey. 2,352,179; June 27.
Lens coating. G. L. Dimmick. 2,338,497; Jan. 4.
Lens, Electronic. E. Ruska. 2,356,535; Aug. 22.
Lens grinding machine. P. Wilhelm. 2,357,154; Aug. 29.
Lens holder. W. P. Canning. 2,352,616; July 4.
Lens holder. W. J. Joyce. 2,342,146; Feb. 22.
Lens hood. H. J. Hood. 2,350,110; May 30.
Lens mounting. R. F. Metzger. 2,352,729; July 4.
Lens mounts, Focusing. I. Ciaski. 2,346,291; Apr. 11.
Lens, Photographic. M. J. Hersberger. 2,350,035; May 30.
Lens scale, Double extension. G. Spencer. 2,340,434; Feb. 1.
Lens system. A. H. Bennett. 2,363,770; Nov. 28.
Lens system. N. Gottlieb. 2,363,788; Nov. 28.
Lens system. J. L. Houghton. 2,350,112; May 30.
Lens, Telephoto. F. Kastilan. 2,346,312; Apr. 11.
Lens, Wide-angle. R. Kingslake and P. W. Stevens. 2,341,385; Feb. 8.
Lens, Wide angle. W. Schade 2,350,133; May 30.
Lenses, Mounting. C. W. Crumrine. 2,341,364; Feb. 8.
Letoff mechanism for looms. W. Y. Robb. 2,363,996; Nov. 28.
Letter assembly. N. Barbieri. 2,342,237; Feb. 22.
Letter controlled mechanism. B. Knauer. 2,358,401; Sept. 19.
Letter sheet, Illustrated. R. L. Park. 2,361,562; Oct. 31.
Letter stripping means. A. Burckhardt. 2,339,835; Jan. 25.
Leuco sulphuric acid esters of the anthraquinone series. E. Besler. 2,347,027; Apr. 18.
Level. C. H. Mitchell. 2,342,359; Feb. 22.
Level control, Automatic. J. R. Boykin. 2,345,026; Mar. 28.
Level controlling mechanism, Automatic. H. R. Breslau. 2,345,092; Mar. 28.
Level for roving frames. A. M. Guillet. 2,352,537; June 27.
Level, Illuminated bubble. E. F. Flint. 2,344,241; Mar. 14.
Level indicator. A. F. Hasbrook. 2,338,811; Jan. 11.
Level indicator. E. Leveille. 2,353,911; July 18.
Level winder. S. M. Stone and C. S. Bates. 2,340,436; Feb. 1.
Leveler, Sheet roller. W. D. Shields. 2,365,114; Dec. 12.
Leveling device. W. E. Naylor. 2,343,993; Mar. 14.
Leveling device for aviation trainers. H. A. Marsh. 2,360,882; Oct. 24.
Leveling device for gravimeters. P. H. James. 2,362,135; Nov. 7.
Leveling device for instrument flying and landing ground type trainers. G. V. Holloman and R. K. Stout. 2,360,346; Oct. 17.
Leveling rod and range pole. H. W. Fatkin. 2,346,479; Apr. 11.
Lever. C. G. Strandlund. 2,345,015; Mar. 28.
Lever. C. G. Strandlund. 2,354,891; Aug. 1.
Lever mechanism. H. C. MacGraham. 2,349,507; May 23.
Lever, Valve actuating. H. E. Pleasant and F. M. Keller. 2,364,314; Dec. 5.
Levo-2,3-butylene glycol and producing the same. G. E. Ward, L. J. Wickerham, O. G. Pettijohn, and L. B. Lockwood. 2,359,950; Oct. 10.
Levulinic acid, Deodorizing and decolorizing. W. W. Moyer. 2,349,514; May 23.
Library book stack or the like. C. S. Brown. 2,346,150; Apr. 11.
License plate holder. W. J. Aigner and A. J. Schueneman. 2,350,993; June 13.
License plate mounting for autos, etc. C. J. Carlin. 2,349,703; May 23.
Lid, Utensil. G. P. Christopher. 2,348,452; May 9.
Lids for hermetically sealed containers, Manufacturing. H. Brand. 2,349,587; May 23.
Lie pressure lubricated plug valve. A. S. Volpin. 2,360,599; Oct. 17.
Life belt. F. A. Falanga. 2,348,826; May 9.
Lifeboat, Plywood. L. S. Baier. 2,341,010; Feb. 8.
Lifeboats, Protecting and launching device for. T. Schröder-Nielsen. 2,356,539; Aug. 22.
Life craft. A. G. Sherman. 2,348,859; May 16.
Life preserver. F. L. Brown. 2,363,639–40; Nov. 28.
Life preserver. H. R. Tregilgas. 2,358,192; Sept. 12.
Life preserver. K. Vartabedian. 2,347,583; Apr. 25.
Life preserver. H. B. White. 2,355,614; Aug. 15.
Life-preserver and swimming aid device. E. Eastman. 2,355,060; Aug. 8.
Life preserver light. H. M. Slocum. 2,355,247; Aug. 8.
Life raft and boat, Convertible. F. Plunder. 2,348,570; May 9.
Life raft release. H. Margolin. 2,359,232; Sept. 26.
Life raft release device. A. U. Bryant. 2,360,848; Oct. 24.
Life saving and sporting float device. C. S. Fisch. 2,343,965; Mar. 14.
Lifesaving apparatus. G. H. Bingham, Jr. 2,362,962; Nov. 14.
Lifesaving and exploring device for submerged submarine vessels. F. Lamberti. 2,351,979; June 20.
Lifesaving apparatus. J. A. King. 2,342,868; Feb. 29.
Lifesaving apparatus. E. F. Spanner. 2,344,652; Mar. 21.
Lifesaving suit. H. G. Mörner. 2,351,777; June 20.
Lift attachment for beds, Patient's. M. Black. 2,348,778–9; May 16.
Lift device. W. R. Spiller and J. F. Haunty. 2,362,853; Nov. 14.
Lift flow device, Differential stage. A. Boynton. 2,345,865; Apr. 4.
Lift, Fluid-operated. W. J. Maytham, Jr. 2,341,463; Feb. 8.
Lift for bundle carriers. G. Krueger. 2,338,769; Jan. 11.
Lift, Power. W. H. Silver. 2,361,326; Oct. 24.

Lifter: See—
Bed lifter.
Can lifter.
Concrete block lifter.
Cover lifter.
Honeycomb frame lifter.
Jar lifter.
Multiple hook lifter.
Pan lifter.
Pie lifter.
Plate and receptacle lifter.
Rotary slip lifter.
Track lifter.

Lifter. E. L. Dorton. 2,361,463; Oct. 31.
Lifter and divider, Vine. C. H. Zirckel. 2,352,506; June 27.
Lifter buffer mechanism for elevating trucks. R. Hastings, Jr. 2,361,544; Oct. 31.
Lifter roof. O. A. Bailey. 2,344,499; Mar. 21.
Lifter roof. D. E. Larson. 2,339,997; Jan. 25.
Lifting and portable moving iron. J. C. Chenette. 2,345,381; Mar. 28.
Lifting device. V. S. Makaroff. 2,340,764; Feb. 1.
Lifting jack. A. W. Huns. 2,361,690; Oct. 31.
Lifting jack with extendable leg structure. T. A. Hammond. 2,351,611; June 20.
Lifting means, Fluid pressure. G. F. Eyles. 2,361,832; Oct. 31.
Lifting mechanism for plows. W. A. Doane. 2,352,946; July 4.
Lifting tool. B. Gold. 2,346,482; Apr. 11.
Lifting, turning, and seating device for plug valves. T. F. Sykes, Jr. 2,364,567; Dec. 5.
Lifting utensil. R. E. Cyr. 2,345,183; Mar. 28.
Ligatures, Method and apparatus for grinding and polishing. W. A. Cox. 2,355,907; Aug. 15.
Light: See—
Control of light.
Electric water light.
Indicator light.
Inspection light.
Life preserver light.
Marine safety light.
Marker light.
Ultra violet instrument light.

Light. J. D. Kennelly. 2,342,202; Feb. 22.
Light armor plate, Manufacture of. D. A. Holt. 2,342,104; Feb. 22.
Light beam projection system. T. M. Hagenbook. 2,341,546; Feb. 15.
Light beams, Transmission and modulation of. B. F. Attwood. 2,345,445; Mar. 28.
Light buoy. G. F. N. Oliver. 2,346,325; Apr. 11.
Light change apparatus. A. E. Reeves. 2,356,885; Aug. 29.
Light conditioning devices for use with electric lighting ceiling fixtures. J. Terr. 2,340,710; Feb. 1.
Light control device. W. B. Poynter. 2,356,178; Aug. 22.
Light control means. J. R. Balsley. 2,356,195; Aug. 22.
Light dimmer. W. G. Grimes. 2,361,765; Oct. 31.
Light-dividing element. V. J. Schaefer. 2,352,976; July 4.
Light fitting, Shockproof. C. J. Cortner. 2,364,194; Dec. 5.
Light fixture. R. B. Netting. 2,339,100; Jan. 11.
Light-metal surfaces, Preventing corrosion of. P. F. George. 2,348,678; May 9.
Light modulating apparatus and method. G. W. Willard. 2,345,441; Mar. 28.
Light polarizer. E. H. Land. 2,346,766; Apr. 18.
Light-polarizing material, Manufacturing. E. H. Land. 2,356,251; Aug. 22.
Light-polarizing material, Manufacturing. E. H. Land. 2,359,428; Oct. 3.
Light polarizing medium. L. A. Keim. 2,340,476; Feb. 1.
Light projector. W. G. and G. J. Dion. 2,347,771; May 2.
Light sensitive device. H. Abramson and C. Eckers. 2,355,256; Aug. 8.
Light-sensitive material for color photographic purposes and using the same. B. Gaspar. 2,344,084; Mar. 14.
Light signal. G. R. Pfiasterer. 2,346,503; Apr. 11.
Light signal. G. R. Pfiasterer. 2,365,000; Dec. 12.
Light stabilized vinylidene chloride product. R. F. Boyer, L. A. Matheson and C. L. Moyle. 2,344,489; Mar. 21.
Light transmitting elements, Protecting. C. F. Hutchings. 2,363,422; Nov. 21.
Light-weight composition and its production. G. Sucetti. 2,354,156; July 18.
Lighter. I. Florman. 2,339,325; Jan. 18.
Lighter. D. B. Hickman. 2,352,897; July 4.
Lighter. F. R. Higley and V. O. Beam. 2,362,272; Nov. 7.
Lighter, Cigar. R. D. Conboy. 2,363,645; Nov. 28.
Lighter, Cigar. A. A. Johnson. 2,363,674; Nov. 28.
Lighter, Cigar. H. G. Lehmann. 2,363,679; Nov. 28.
Lighter for gas burners. H. F. Alfery. 2,340,167; Jan. 25.
Lighter for mechanized equipment. A. J. Higgins. 2,341,966; Feb. 15.
Lighter, Self-defensive. A. J. Higgins. 2,347,412; Apr. 25.
Lighter with fluid reservoirs. A. S. Weston. 2,358,955; Sept. 26.
Lighting and air conditioning system, Combined. H. G. Campbell and G. D. Skinner. 2,359,021; Sept. 26.
Lighting apparatus. W. A. Pennow. 2,365,587; Dec. 19.
Lighting control system. H. E. Lippman. 2,345,135; Mar. 28.
Lighting control system. A. C. Wullschleger. 2,346,889; Apr. 18.
Lighting device. G. Ainsworth. 2,346,717; Apr. 18.
Lighting device. G. Mott, Jr. 2,353,258; July 11.
Lighting fixture. W. O. Langille and K. Perkins. 2,347,420; Apr. 25.
Lighting fixture. H. R. Owen. 2,357,057; Aug. 29.
Lighting fixture. P. J. Pariato. 2,362,091; Nov. 7.
Lighting fixture. G. E. Roedding. 2,338,541; Jan. 4.
Lighting fixture construction. M. H. Levenberg. 2,349,102; May 16.
Lighting fixture, Fluorescent. D. J. Biller. 2,342,570; Feb. 22.
Lighting fixture, Fluorescent tube. M. B. Beck. 2,341,895; Feb. 15.
Lighting fixture shade and holder. G. W. Beals. 2,354,242; July 25.
Lighting fixtures. G. E. Roedding and R. N. Falge. 2,353,082; July 4.
Lighting installation. J. D. Whittaker. 2,344,935; Mar. 21.
Lighting structure. T. A. Carter, Jr. 2,345,234; Mar. 28.
Lighting system. J. W. Lawson. 2,359,371; Oct. 3.
Lighting system and lighting unit for use therein. D. H. Tuck. 2,343,822; Mar. 7.
Lighting, Television studio. A. N. Goldsmith. 2,343,971; Mar. 14.
Lightning arrester. R. H. Earle and A. G. Steinmayer. Re. 22,504; June 27.
Lightning arrester. A. J. Wayman. 2,355,490; Aug. 8.
Lightningproof watt-hour meter. S. S. Green. 2,338,109; Jan. 4.
Lignin-phenol-formaldehyde resin dispersion, Preparing. G. F. D'Alelio. 2,357,090; Aug. 29.
Lignocellulosic article and manufacture. H. W. Hall. 2,366,025; Dec. 26.
Ligno-cellulosic materials, Defibering. W. K. Loughborough. 2,361,639; Oct. 31.
Lime spreader. C. B. Richey. 2,350,476; June 6.
Limes, Hydrating dolomitic. W. D. Garvin. 2,356,760; Aug. 29.
Line blind assembly. B. A. Young. 2,339,970; Jan. 25.
Line connector. C. E. Wade. 2,342,711; Feb. 29.
Line fastener. H. Leonard. 2,358,580; Sept. 19.
Line identification. L. B. Haigh. 2,338,242; Jan. 4.
Line justifying typing machine. S. R. Nicks. 2,348,261; May 9.
Lineman's cable car. R. J. Kent. 2,357,118; Aug. 29.
Line marker. R. Stahl. 2,351,719; June 20.
Line pressure opened self-closing valve. W. Meyer. 2,361,225; Oct. 24.
Line selector switch. G. Deakin. 2,346,911; Apr. 18.
Line supporting clip. H. E. Webb. 2,338,145; Jan. 4.
Line tightener. W. A. McKay and J. A. Dickie. 2,348,487; May 9.
Line with negative resistance loading. L. G. Abraham. 2,361,160; Oct. 24.
Linear-dimension gauge. F. P. Ayers. 2,350,862; June 6.
Linear polymeric isothiourea and salts thereof. M. Hunt. 2,347,827; May 2.
Liner for viscous material containers, Removable. E. D. Hellman. 2,348,622; May 9.
Liner hanger. C. K. Morgan. 2,362,766; Nov. 14.
Liner hanger. B. H. Scott. 2,345,888; Apr. 4.
Liner, Trouser. H. B. Wadlington. 2,354,971; Aug. 1.
Lines or cords, Shortening the effective length of. J. Waldheim. 2,338,747; Jan. 11.
Lining and insulating the interior surfaces of continuously operated furnaces. L. Larson. 2,348,395; May 9.
Lining for brake shoes, Detachable. W. F. Merritt. 2,361,307; Oct. 24.
Lining for hydrocarbon treating apparatus. C. Weismann and H. Steiner. 2,353,163; July 18.
Lining for ties. M. Kleinmann. 2,347,691; May 2.
Link. J. J. Schoeninger. 2,358,739; Sept. 19.
Link. G. C. Staats. 2,359,535; Oct. 3.
Link, Adjustable. A. J. Gore. 2,364,968; Dec. 12.
Link assembly, Adjustable. J. H. Booth and A. Venditty. 2,340,300; Feb. 1.
Link, Conveyer chain. J. A. Sudduth and D. B. Lay. 2,349,208; May 16.
Link, Detachable. G. C. Staats. 2,353,939–40; July 18.
Link for hinge lasts. G. F. Ryan. 2,356,888; Aug. 29.
Link for jewelry, Figure. S. D. Goldstein. 2,352,381; June 27.
Link, Snatch. H. O. Koch. 2,357,478; Sept. 5.
Links for machine gun belts and similar articles, Producing. C. F. Sherman. 2,357,558; Sept. 5.
Linoleum rack. J. A. Holmes. 2,341,778; Feb. 15.
Lintel. D. H. Drayer. 2,361,828; Oct. 31.
Lipstick. E. Kairalla. 2,344,883; Mar. 21.
Lipstick case. D. M. See. 2,355,565; Aug. 8.
Lipstick container. J. Lee. 2,349,799–800; May 30.
Lipstick container. W. H. Machin. 2,357,752; Sept. 5.
Lipstick container-dispenser. H. Broder. 2,351,395; June 13.
Lipstick display and sample cabinet. N. H. Freeman. 2,362,367; Nov. 7.
Lipstick holder. S. Segal. 2,343,934; Mar. 14.
Liquid and gaseous petroleum hydrocarbons, Dehydrogenation of. H. B. Kipper. 2,341,995; Feb. 15.
Liquid clarification. P. M. McHugh and W. C. Weber. 2,340,132; Jan. 25.

Liquid clarification apparatus. A. J. Fischer and W. C. Weber. 2,355,640; Aug. 15.
Liquid clarification apparatus. H. A. Trebler. 2,355,760; Aug. 15.
Liquid control apparatus. F. S. Bloom. 2,339,753; Jan. 25.
Liquid control system. W. Mck. Martin. 2,354,693; Aug. 1.
Liquid control valve. L. H. Perry. 2,365,105; Dec. 12.
Liquid cooled bearing. R. H. Whiteley. 2,346,805; Apr. 18.
Liquid cooling of high temperature bodies. C. V. Litton. 2,362,911; Nov. 14.
Liquid cooling system for internal-combustion engines. C. K. Newcombe. 2,353,966; July 18.
Liquid density, Measuring. W. T. Cardwell, Jr. 2,360,546; Oct. 17.
Liquid dispenser. L. G. Bates. 2,348,514; May 9.
Liquid dispenser. D. P. Derieg. 2,352,424; June 27.
Liquid dispenser. J. H. Schlesinger. 2,363,474; Nov. 21.
Liquid dispensing apparatus. M. J. Goldberg. 2,345,338; Mar. 28.
Liquid dispensing apparatus. M. J. Goldberg. 2,351,331; June 13.
Liquid dispensing apparatus. C. P. Griffith and W. A. Barr. 2,351,503; June 13.
Liquid dispensing apparatus. A. L. Grisé. 2,340,218; Jan. 25.
Liquid dispensing apparatus. A. L. Grisé. 2,361,684; Oct. 31.
Liquid dispensing apparatus. W. H. de Lancey. 2,341,532; Feb. 15.
Liquid dispensing apparatus. E. B. Miller. 2,361,863; Oct. 31.
Liquid-dispensing apparatus. E. P. Sundholm. 2,344,005; Mar. 14.
Liquid dispensing apparatus. W. B. Williams. 2,339,366; Jan. 18.
Liquid dispensing container. J. B. Levit. 2,349,665; May 23.
Liquid dispensing device. R. E. Bechtold. 2,340,859; Feb. 8.
Liquid dispensing device. D. Samiran. 2,348,757; May 16.
Liquid dispensing device. P. E. Waugh. 2,339,308; Jan. 18.
Liquid dispensing means. P. E. Waugh. 2,348,769; May 16.
Liquid dispensing device. P. E. Waugh. 2,353,206; July 11.
Liquid distribution. R. E. Burk and M. J. Hartig. 2,364,059; Dec. 5.
Liquid feeding means. J. R. Kirkpatrick. 2,341,145; Feb. 8.
Liquid filling apparatus. W. Pechy. 2,359,785; Oct. 10.
Liquid filter. E. Reichhelm. 2,348,925; May 16.
Liquid from wells, Flowing. W. Brauer. 2,346,248; Apr. 11.
Liquid fuel burner. J. L. Breese. 2,361,911; Nov. 7.
Liquid fuel burner. H. H. Gorrie. 2,349,221; May 16.
Liquid fuel burner. B. B. Kahn. 2,358,012; Sept. 12.
Liquid-fuel burner. I. Lubbock and R. O. Nash. 2,345,402; Mar. 28.
Liquid fuel burner. J. H. McIlvaine and P. I. Hollman. 2,339,417; Jan. 18.
Liquid fuel burner. E. S. Rowlandson. 2,344,218; Mar. 14.
Liquid fuel burner and thermal control valve therefor. J. L. Breese. 2,355,417; Aug. 8.
Liquid fuel composition. W. A. Schulze and J. P. Lyon, Jr. 2,345,296; Mar. 28.
Liquid fuel control for hot water heaters. J. L. Breese. 2,361,913; Nov. 7.
Liquid fuel heater. W. F. Adams. 2,352,065; June 20.
Liquid fuel tank for aircraft. J. Martin. 2,338,450; Jan. 4.
Liquid handling apparatus. L. P. Lansing. 2,360,145; Oct. 10.
Liquid hydrocarbon fuel burning apparatus. P. Schaefer. 2,348,422; May 9.
Liquid level. M. R. Houseman. 2,350,612 June 6.
Liquid level. G. V. Rylsky. 2,347,218; Apr. 25.
Liquid level control apparatus. D. G. Griswold. 2,352,630; July 4.
Liquid level control for evaporators. B. S. Hughes. 2,339,167; Jan. 11.
Liquid level control for hydromatic brakes. S. W. Webster. 2,363,821; Nov. 28.
Liquid level gauge. H. E. Breisford. 2,351,099; June 13.
Liquid level gauge. W. B. Connolly and G. E. Ford. 2,356,652; Aug. 22.
Liquid level gauge. A. D. Rose and H. Seegers. 2,350,533; June 6.
Liquid level gauge. M. Röver. 2,342,696; Feb. 29.
Liquid level gauge. H. J. G. Rudolf. 2,348,362; May 9.
Liquid level gauge. H. V. Williamson. 2,361,440; Oct. 31.
Liquid level indicating system for use in treating wells. O. E. Barstow. 2,347,589; Apr. 25.
Liquid level indicator. J. L. Bird. 2,361,738; Oct. 31.
Liquid level indicator. H. E. Breisford. 2,351,101; June 13.
Liquid level indicator. E. A. Korevec. 2,345,054; Mar. 28.
Liquid level measuring apparatus. O. W. Reid and E. D. Erasmus. 2,357,023; Aug. 29.
Liquid level, Method and apparatus for determining. D. G. C. Hare. 2,348,810; May 16.
Liquid level responsive means. G. F. Brockett. 2,353,641; July 18.
Liquid level sensitive apparatus. T. A. Cohen and H. J. Ostermann. 2,354,945; Aug. 1.
Liquid level sensitive apparatus. H. J. Ostermann and T. A. Cohen. 2,354,964; Aug. 1.
Liquid measurer. M. A. Lichten. 2,363,602; Nov. 28.
Liquid measuring and dispensing apparatus. C. Z. Monroe. 2,356,420; Aug. 22.
Liquid measuring pump. P. S. Morgan. 2,340,975; Feb. 8.
Liquid media, Removing cations from. G. F. D'Alelio. 2,340,110–11; Jan. 25.
Liquid meter. R. S. Bassett. 2,338,396; Jan. 4.
Liquid meter. R. S. Bassett. 2,342,997; Feb. 29.
Liquid meter. W. Melas. 2,359,027; Oct. 10.
Liquid meter. R. E. Risser, Jr. 2,356,273; Aug. 22.
Liquid, Method of and apparatus for treating. W. B. Gurney. 2,347,318; Apr. 25.
Liquid pressure actuated pump. L. C. Chouings. 2,356,917; Aug. 29.
Liquid pressure remote-control system. F. S. Eves and A. C. Bamford. 2,353,884; July 18.
Liquid pressure system. W. C. Trautman. 2,358,949; Sept. 26.
Liquid products, Method of and apparatus for dehydrating. J. M. Hall. 2,357,649; Sept. 5.
Liquid products, System of dehydrating. J. M. Hall. 2,357,648; Sept. 5.
Liquid pump. G. E. Bullock. 2,348,190; May 9.
Liquid pump. M. J. Corp. 2,348,109; May 2.
Liquid seal. L. P. Grobel. 2,350,753; June 6.
Liquid separating apparatus. J. P. Rathbun. 2,344,898–9; Mar. 21.
Liquid shutoff valve. G. E. Franck. 2,363,123; Nov. 21.
Liquid-solid separation. A. H. Schutte. 2,350,934; June 6.
Liquid-solid suspensions, Fractional removal of liquid from. C. A. Jahrels. 2,364,366; Dec. 5.
Liquid spray dust precipitators, Electrified. G. W. Penney. 2,357,354; Sept. 5.
Liquid spraying apparatus. E. Rothelm. 2,348,851; May 16.
Liquid spraying device. W. H. Rose. 2,354,064; July 18.
Liquid storage tank. H. Hammeren. 2,359,416; Oct. 3.
Liquid straining device. A. M. Goodloe. 2,351,332; June 13.
Liquid substances, Method and apparatus for sterilizing, preserving, and irradiating of various. A. Lang and G. S. Hawke. 2,340,890; Feb. 8.
Liquid substances, Process and apparatus for comminuting. O. Landgraf. 2,356,599; Aug. 22.
Liquid-tight electric switch. C. F. Robbins. 2,357,973; Sept. 12.
Liquid-treating and anti-short-circuiting device. H. J. B. Scharnberg. 2,355,397; Aug. 8.
Liquid treating apparatus. H. G. Schwarz. 2,340,990; Feb. 8.
Liquid treating apparatus and process. W. H. Green. 2,355,069; Aug. 8.
Liquid treating material to strip material, Application of. R. B. Frost. 2,348,289; May 9.
Liquid treatment. W. H. Green. 2,348,122; May 2.
Liquid treatment. W. H. Green. 2,348,124; May 2.
Liquid, Treatment of. W. H. Green and J. R. Barrington. 2,348,123; May 2.
Liquid under pressure, Supply and delivery of. L. R. Armitage. 2,352,680; July 4.
Liquids and gases or gaseous fluids, Separating. P. C. Dixon. 2,349,944; May 30.
Liquids, Apparatus for treating. S. J. Pugatz. 2,358,591; Sept. 19.
Liquids, Clarification of. J. W. Hood. 2,350,111; May 30.
Liquids, Clarification of. I. E. Muskat. 2,338,958; Jan. 11.
Liquids, Degassing of. C. H. Holder. 2,363,247; Nov. 21.
Liquids, Freezing of. W. H. Motz. 2,349,451; May 23.
Liquids, Means for clarifying. J. Schaaf. 2,358,736; Sept. 19.
Liquids, Method and apparatus for mixing. A. De V. Harnett. 2,343,454; Mar. 7.
Liquids, Method of and apparatus for clarifying. F. P. Lasseter. 2,355,875; Aug. 15.
Liquids, Method of and apparatus for proportioning. L. G. M. Timpson. 2,356,286; Aug. 22.
Liquids of different boiling points from mixtures thereof by fractional distillation, Separation of. W. J. Chadder. 2,365,051; Dec. 12.
Liquids, Process and apparatus for storing. R. B. McKinnis. 2,361,640; Oct. 31.
Liquids, Purification of. E. M. Kelly and A. M. Kivari. 2,360,811–12; Oct. 17.
Liquids, Purifying hydrocarbon. T. S. Hamilton. 2,355,291; Aug. 8.
Liquids, Purifying, polluted. C. H. Shook. Re. 22,444; Feb. 22.
Liquids, Refining. R. H. Fash. 2,342,042; Feb. 15.

Liquids, Treatment of impure. G. M. Darby. 2,352,772; July 4.
Liquids which have nonliquid ingredients, Method of and apparatus for spray-drying. M. F. Gruber. 2,353,459; July 11.
Liquor, Decomposition of sodium aluminate. H. Tiedemann. 2,356,547; Aug. 22.
Liquor disposal. Waste pickle. E. C. Carlson and D. F. Sharp. 2,350,095; May 30.
Liquor, Treating supernatant. H. E. Schlens and C. B. Cox. 2,359,004; Sept. 26.
Liquors, Distilling spirituous. H. F. Willkie. 2,358,272; Sept. 12.
Liquors for recovery of glycerol, Treating fermented. E. Farber, V. Dayton, and J. S. Wallerstein. 2,351,413; June 13.
Liquors, Treatment of nitrotoluol waste. R. A. Hales, E. G. Almy, A. A. Young, and C. D. Pratt. 2,362,066; Nov. 7.
Lister. W. H. Silver. 2,342,306; Feb. 22.
Lister. W. H. Silver. 2,351,078; June 13.
Lister. W. H. Silver. 2,354,886; Aug. 1.
Listing machines. L. P. Crosman. 2,348,789; May 16.
Lithic slabs, Coating calcinable. L. A. Hatch and M. E. Bennett. 2,347,684; May 2.
Lithographic adapter for letter presses. W. E. Lewis. 2,341,929; Feb. 15.
Lithographic and analogous printing presses, Increasing the efficiency of. J. G. Goodike. 2,340,319; Feb. 1.
Litmus dyestuff, Manufacturing. H. Asabina. 2,344,074; Mar. 14.
Litter, Convertible and collapsible. H. V. Reynolds. 2,362,721; Nov. 14.
Litter, Folding. A. H. Schwichtenberg. 2,360,371; Oct. 17.
Live center. C. J. Fouchey. 2,362,812; Nov. 14.
Load adjustment, Meter light. L. I. Mendelsohn. 2,352,965; July 4.
Load determining apparatus. J. D. Lewis. 2,347,917; May 2.
Load equalizing system. O. K. Kjolseth. 2,354,522; July 25.
Load gathering, pressing and expelling device. I. Sicard. 2,359,360; Jan. 18.
Load handling equipment. W. M. Huston. 2,354,863; Aug. 1.
Load hoisting tong. L. Nelson. 2,347,361; Apr. 25.
Load-moving machine. C. W. Mott. 2,363,986; Nov. 28.
Load-positioning means. H. E. Bukowsky. 2,352,885; July 4.
Load sharing scale and batching apparatus. O. S. Carline. 2,343,000; Feb. 29.
Load support. L. W. Wachter. 2,343,597; Mar. 7.
Load supporting device. A. R. Schwan. 2,344,644; Mar. 21.
Load transfer device. J. J. Sherman. 2,346,277; Apr. 11.
Load transfer device and tie bar. R. C. Yeoman. 2,355,771; Aug. 15.
Loader. S. Colovich. 2,346,471; Apr. 11.
Loader. E. P. Corbin. 2,341,977; Feb. 15.
Loader. U. O. Guignard and W. E. Schober. 2,348,899; May 16.
Loader. A. D. Heath. 2,341,776; Feb. 15.
Loader. H. Kroll, Sr. 2,359,316; Oct. 3.
Loader and handling trays including the loading thereof with olive pulp for pressing. C. Livoti and G. L. Hurst. 2,361,219; Oct. 24.
Loader, Clip. A. F. Giese. 2,353,397; July 11.
Loader for baled material. G. Coon. 2,343,444; Mar. 7.
Loader, Grain. J. N. Fees. 2,364,282; Dec. 5.
Loader, Hay. F. Warren. 2,353,949; July 18.
Loading and unloading device. T. R. Robinson. 2,344,923; Mar. 21.
Loading and unloading device, Automatic. H. C. Limn. 2,360,146; Oct. 10.
Loading and unloading device, Selective and automatic. J. S. Da Costa. 2,348,112; May 2.
Loading apparatus. E. K. Hansen. 2,365,546; Dec. 19.
Loading apparatus. H. W. Morgan. 2,350,181; May 30.
Loading apparatus. H. M. Sloat. 2,344,650; Mar. 21.
Loading apparatus. V. Smely. 2,363,204; Nov. 21.
Loading apparatus. K. A. R. Wahlstedt and J. H. Newsome. 2,356,108; Aug. 15.
Loading apparatus, Mobile. H. O. Day. 2,360,654; Oct. 17.
Loading attachment for trucks. C. L. Wright and W. H. Holland. 2,339,900; Jan. 25.
Loading device. J. H. Holstein. 2,355,534; Aug. 8.
Loading device. W. W. Sloane. Re. 22,449; Feb. 29.
Loading device for molding presses. W. Strauss. 2,365,049; Dec. 26.
Loading device for rotary raspe. M. A. Simon. 2,358,110; Sept. 12.
Loading equipment, Mobile. H. O. Day. 2,353,655; July 18.
Loading gear for vehicles, Power-operated. L. B. Thwaites. 2,346,404; Apr. 11.
Loading machine. E. M. Areatsen. 2,338,160; Jan. 4.
Loading machine. J. L. Clarkson and A. B. Jackson. 2,338,704; Jan. 11.
Loading machine. D. R. Hart. 2,365,635; Dec. 19.
Loading machine. N. D. Levin. 2,363,061-2; July 4.
Loading machine. J. D. Russell. 2,360,282; Oct. 10.
Loading machine. W. W. Sloane. 2,354,336; July 25.
Loading platform for log-trucking operations. H. W. Hunter. 2,342,344; Feb. 22.
Loading regulator. M. H. Grove and D. H. Annin. 2,342,659; Feb. 29.
Loading station for shuttle cars. R. S. Bigelow. 2,354,360; July 25.
Loading support for primer cups. H. B. Young, A. T. Anderson, and A. H. Grover. 2,357,863; Sept. 12.
Locating and supporting device for bomb parts and the like. L. W. Evans and R. L. Gann. 2,342,392; Feb. 22.
Locating holes in structural members. R. Heller and H. C. Myers. 2,347,411; Apr. 25.
Lock: *See*—
Automatic lock.
Automatic releasable lock.
Automatic safety vacuum lock.
Automobile door lock.
Bead lock.
Bolt lock.
Coincidental ignition and gear shift lock.
Combination lock.
Container lock.
Cylinder safety lock.
Dental bridge lock.
Disk shaft lock.
Door lock.
Electric lock.
Emergency exit door lock.
Gas tank lock.
Glass-door lock.
Gun barrel lock.
Handle lock.
Multiple bar shaft lock.
Nut lock.
Permutation and alarm lock.
Permutation lock.
Pillar lock.
Railway car side door lock.
Rear luggage compartment lock.
Releasable joinder lock.
Removable core lock.
Reversible rotary bolt lock.
Safety vehicle door lock.
Sash lock.
Single bar shaft lock.
Single disk shaft lock.
Tire and wheel lock.
Tire lock.
Tubular lock.
Valve lock.
Wheel and tire lock.
Wheel lock.
Lock. H. A. Barrett. 2,357,305; Sept. 5.
Lock. C. Castelli. 2,339,615; Jan. 18.
Lock. R. G. Noble. 2,352,967; July 4.
Lock. M. Nusbaum. 2,355,888; Aug. 15.
Lock. O. Polson. 2,359,244; Sept. 26.
Lock. R. C. Spain. 2,350,306; May 30.
Lock and shutter tensioning mechanism for cameras, Film feed. A. Nagel. 2,364,466; Dec. 5.
Lock control system, Railway switch. T. J. Judge. 2,365,344; Dec. 19.
Lock device. R. S. Gold. 2,357,102; Aug. 29.
Lock device. E. N. Jacobi. 2,357,004; Aug. 29.
Lock device, Slip-on. F. L. Rors and A. Macdonald. 2,355,679; Aug. 15.
Lock end wire-bound shipping container. L. W. Bauer. 2,351,092; June 13.
Lock for airplane doors or the like. S. Oxhandler. 2,349,192; May 16.
Lock for automatic firearms, Barrel. G. Webb. 2,360,293; Oct. 10.
Lock for bathroom scales, Push. L. Lowy. 2,354,300; July 25.
Lock for dental chair backs and the like, Two-way clamp. E. L. Monnot. 2,341,465; Feb. 8.
Lock for dispensing devices, Lever. C. W. Reece and J. F. Cooney. 2,363,747; Nov. 28.
Lock for drydocks and other basins, Canal. J. Lipsky. 2,356,523; Aug. 22.
Lock for freight cars, Endgate. S. L. Davidson. 2,352,887; July 4.
Lock for gates. C. R. Dray. 2,358,914; Sept. 26.
Lock for locking manholes and vault covers. I. H. Witt. 2,352,750; July 4.
Lock for pipe joints. C. Wyss. 2,355,407; Aug. 8.
Lock for railway switches, Slow release. K. J. J. McGowan. 2,355,989; Aug. 15.
Lock for semitrailers, Safety. D. E. Bramble. 2,353,992; July 18.
Lock for stitch adjusting mechanisms. G. Minkowitz. 2,340,550; Feb. 1.
Lock for typewriting accounting machines, Automatic printer. R. Anschütz and F. Schmidt. 2,351,898; June 20.
Lock joint. A. J. Jansen. 2,362,902; Nov. 14.
Lock mechanism. E. C. Bixel. 2,358,554; Sept. 19.
Lock mechanism. W. A. Endter. 2,362,253; Nov. 7.
Lock, Method and apparatus for decoding. T. H. Johnstone. 2,338,768; Jan. 11.
Lock mortiser. W. K. Taylor. 2,343,097; Feb. 29.
Lock nut. E. Harpoothian. 2,340,589; Feb. 1.
Lock nut. S. B. Holmes. 2,354,374; July 25.
Lock nut. A. Wikstrom. 2,342,819; Feb. 22.
Lock nut and making same. C. D. Tripp. 2,352,668; July 4.
Lock nuts, Making. B. H. Mortus. 2,340,513; May 23.
Lock nuts, Method and apparatus for making bearing-retaining. L. B. Green. 2,355,856; Aug. 15.
Lock slider. D. Marinsky and L. H. Morin. 2,349,581; May 23.
Lock slider, Automatic. D. Marinsky. 2,358,726; Sept. 19.
Lock slider, Automatic. R. G. Plumley. 2,345,883; Apr. 4.
Lock slider for separable fasteners. D. Marinsky. 2,345,348; Mar. 28.
Lock slider, Pull chain automatic. L. H. Morin. 2,339,350; Jan. 18.

Lock-stitch electric sewing machine and bobbin therefor. O. R. Haas. 2,350,397; June 6.
Lock-stitch sewing machine. T. A. Kestell. 2,358,860; Sept. 26.
Lock structure. W. R. Schlage. 2,357,552; Sept. 5.
Lock system for revolving doors, Electrically controlled. T. M. Hagenbook. 2,348,900; May 16.
Lock type fuel tank filling cap. S. Wise. 2,343,605; Mar. 7.
Lock washer. D. H. Hanson. 2,363,319; Nov. 21.
Lock washer. G. W. Heinold. 2,350,756; June 6.
Lock washer construction. C. F. Janacek and L. Chapman. 2,356,673; Aug. 22.
Lock with recessed handle for aircraft. A. J. Leonard. 2,357,049; Aug. 29.
Locker unit, Frozen food. R. H. Sloan, Jr. Re. 22,431; Feb. 1.
Locking and ventilating means for hatch cover. K. E. Zeidler. 2,360,533; Oct. 17.
Locking cam for toolholders. J. M. Luers. 2,343,855; Mar. 7.
Locking chain links. T. R. James. 2,354,124; July 18.
Locking device. G. W. Fouke. 2,340,118; Jan. 25.
Locking device. O. H. Griswold. 2,359,554; Oct. 3.
Locking device. O. H. Griswold. 2,363,667; Nov. 28.
Locking device. W. A. Heidman and W. A. Heidman, Jr. 2,356,403; Aug. 22.
Locking device. R. W. Robbins. 2,345,949; Apr. 4.
Locking device. F. J. Rouan and B. Knauer. 2,356,699; Aug. 22.
Locking device. A. G. F. Wallgren. 2,354,160; July 18.
Locking device. N. Weber. 2,339,591; Jan. 18.
Locking device. W. C. Welch. 2,348,373; May 9.
Locking device. E. F. Wickens. 2,365,031; Dec. 12.
Locking device for cans. F. Andrea. 2,354,935; Aug. 1.
Locking device for remote control and other force-transmitting systems. Q. H. Carlton. 2,365,247; Dec. 19.
Locking device for roll-off van bodies. R. Arlo. 2,351,314; June 13.
Locking device for safes. A. S. Holleyhead. 2,365,343; Dec. 19.
Locking device for screw joints. G. L. Ericsson. 2,355,285; Aug. 8.
Locking device for undercarriages, Automatic. J. Mercier. 2,365,424; Dec. 19.
Locking device for threaded pipe joints. B. Rüdiger. 2,340,565; Feb. 1.
Locking device for turrets. F. S. Shields. 2,355,246; Aug. 8.
Locking device, Threaded. R. W. Luce. 2,363,680; Nov. 28.
Locking fastener. G. A. Tinnerman. 2,353,795-6; July 18.
Locking fixture. G. E. Swa[illegible]. 2,359,689; Oct. 3.
Locking for envelope, Inviolable. M. Corral Uribe. 2,358,490; Sept. 19.
Locking means for shipping boxes. J. E. Borah. 2,338,315; Jan. 4.
Locking mechanism for control gears. G. Barrett. 2,361,920; Nov. 7.
Locking mechanism for well tools. H. C. Otis. 2,343,075; Feb. 29.
Locking rod operating mechanism for charging machines for open-hearth furnaces. J. H. Kincaid. 2,358,074; Sept. 12.
Lockout telephone line circuit. J. I. Bellamy. 2,355,139; Aug. 8.
Locks, Making retainer. O. R. Schoenrock. 2,358,350; Sept. 19.
Locomotive. C. K. Steins. 2,338,212; Jan. 4.
Locomotive. C. K. Steins. 2,338,214; Jan. 4.
Locomotive boiler. B. E. Larson. 2,353,167-8; July 11.
Locomotive boiler. B. E. Larson and G. J. Christenson. 2,338,185; Jan. 4.
Locomotive cab window. J. P. Goebel. 2,345,703; Apr. 4.
Locomotive construction, Steam. W. E. Woodard and A. H. Filander. 2,346,715-16; Apr. 18.
Locomotive control system. C. E. Baston. 2,361,168; Oct. 24.
Locomotive control system. L. J. Hibbard. 2,361,201; Oct. 24.
Locomotive front end. G. J. Christenson. 2,356,217; Aug. 22.
Locomotive front end. L. R. Pyle. 2,357,223; Aug. 29.
Locomotive piston valve. J. T. Snoren. 2,358,036; Sept. 12.
Locomotive storm window. R. Wikoff. 2,353,863; July 18.
Locomotive tender structure. H. E. Doerr. 2,339,844; Jan. 25.
Locomotive valve gear. L. T. Knowles. 2,338,589; Jan. 4.
Log barker and cleaner. E. C. Shaw and W. G. Hagmaier. 2,338,136; Jan. 4.
Log handling equipment, Unit. B. Walker. 2,355,931; Aug. 15.
Log loading device. P. E. Bouffard. 2,359,287; Oct. 3.
Logging. T. T. May. 2,355,813; Aug. 15.
Logometer. W. R. Reynolds. 2,352,735; July 4.
Long draft drawing roll. W. Beswick. 2,359,610; Oct. 3.
Loom: *See*—
Axminster loom.
Composite loom.
Filling mixing weft replenishing loom.
Hand loom.
Weft replenishing loom.
Wire fabric loom.
Loom. S. W. Alderfer. 2,356,964; Aug. 29.
Loom. A. M. Dykes and C. L. Miller. 2,342,391; Feb. 22.
Loom. J. O. Hunt. 2,344,777; Mar. 21.
Loom. J. O. Hunt. 2,351,513; June 13.
Loom. T. O. Ott, Jr. 2,352,341; June 27.
Loom. E. R. Pedrazzo. 2,353,968; July 18.
Loom. V. Petruccione. 2,351,364; June 13.
Loom. W. Price. 2,353,415; July 11.
Loom. M. V. Tirrell. 2,339,206; Jan. 11.
Loom. E. Welti. 2,346,803; Apr. 18.
Loom feeler mechanism. A. E. Benson. 2,353,540; July 11.
Loom for weaving ladder webbing. T. Brindle. 2,346,551; Apr. 11.
Loop input system for radio receivers. W. F. Sands. 2,359,684; Oct. 3.
Loom picker. E. K. Krueger. 2,357,010; Aug. 29.
Loom shuttle. A. Villani. 2,351,244; June 13.
Loom shuttle, Automatic. J. G. Allen. 2,350,307; May 30.
Loom stop motion attachment. S. T. Pugh. 2,365,106; Dec. 12.
Loom temple roll. A. Lagasse. 2,364,983; Dec. 12.
Loom thread holder, Manually operable positively driven. W. H. Wakefield. 2,365,668; Dec. 26.
Loom with feeler at the front of the magazine, Magazine. J. Stuer. 2,365,362; Dec. 19.
Looms, Bobbin support for weft replenishing. R. G. Turner. 2,354,285; July 25.
Looms, Check-strap for. J. R. Brandon. Re. 22,509; July 4.
Looms, Picker motion for. Le R. Layton and E. W. Shertz. 2,355,540; Aug. 8.
Loop antenna. P. M. Craig. 2,339,619; Jan. 18.
Loop antenna system. W. P. Lear. 2,343,306; Mar. 7.
Loop antenna with iron core. F. Bergtold. 2,350,211; May 30.
Loop-forming needle. F. W. Sharkey and F. J. Redcliffe. 2,365,013; Dec. 12.
Loop-taker for sewing machines. S. Zonis. 2,343,877; Mar. 14.
Loose-leaf binder. W. P. Pitt. 2,347,278; Apr. 25.
Loose-leaf binder device. S. Lazaroff. 2,340,129; Jan. 25.
Loss from well holes into the surrounding earth, Preventing fluid. J. B. Stone. 2,353,372; July 11.
Loud-speaker. A. Schaaf. 2,347,799; May 2.
Loud-speaking telephone system. G. M. Giannini. 2,341,539; Feb. 15.
Louver element, Ventilator. C. Levinsen. 2,364,378; Dec. 5.
Louver for lighting fixtures. I. I. Kloner. 2,358,811; Sept. 26.
Louvered register. H. W. Fiedler. 2,349,544; May 23.
Low carbon iron or steel, Producing. F. C. Wood, Jr. 2,349,688; May 23.
Low-loss insulating material, Preparing. E. L. Dinning, Jr. 2,350,088; May 30.
Low melting polyamides. L. F. Salisbury. 2,351,074; June 13.
Lowering device, Safety. G. P. Kimmel. 2,349,735; May 23.
Lubricant. G. E. Barker. 2,355,616; Aug. 15.
Lubricant. A. L. Bayes. 2,351,657; June 20.
Lubricant. A. Beerbower and R. E. Darley. 2,343,737; Mar. 7.
Lubricant. D. E. Bergen. 2,343,393; Mar. 7.
Lubricant. T. E. De Villiers. 2,347,814; May 2.
Lubricant. F. B. Downing and H. M. Fitch. 2,343,756; Mar. 7.
Lubricant. J. W. Gaynor and C. M. Loane. 2,362,624; Nov. 14.
Lubricant. R. D. Herlocker, M. P. Kleinholz, and F. M. Watkins. 2,360,323-4; Oct. 17.
Lubricant. C. D. Kelso and L. W. Mixon. Re. 22,464; Apr. 4.
Lubricant. E. Lieber and A. F. Cashman. 2,358,581; Sept. 19.
Lubricant. B. H. Lincoln and G. D. Byrkit. 2,339,710; Jan. 18.
Lubricant. B. H. Lincoln and W. L. Steiner. 2,353,169-70; July 11.
Lubricant. C. M. Loane and J. W. Gaynor. 2,353,837; July 18.
Lubricant. R. F. McCleary and J. R. Morris. 2,363,884; Nov. 28.
Lubricant. J. G. McNab. 2,362,292; Nov. 7.
Lubricant. J. G. McNab and W. T. Watkins, Jr. 2,362,293; Nov. 7.
Lubricant. P. Miller and E. Lieber. 2,362,290; Nov. 7.
Lubricant. J. D. Morgan. 2,351,280; June 13.
Lubricant. J. D. Morgan. 2,354,171; July 18.
Lubricant. A. J. Morway and J. C. Zimmer. 2,355,009; Aug. 1.
Lubricant. J. A. Patterson. 2,363,896; Nov. 28.
Lubricant. J. A. Patterson and R. F. McCleary. 2,361,051; Oct. 24.

Lubricant. R. Rosen. 2,354,550; July 25.
Lubricant. A. A. Schilling and T. B. Curran. 2,340,570–1; June 6.
Lubricant. R. A. Swenson. 2,352,811; July 4.
Lubricant. R. M. Thomas and W. J. Sparks. 2,356,127; Aug. 22.
Lubricant. C. N. White and F. H. MacLaren. 2,339,898; Jan. 25.
Lubricant. C. Winning. 2,362,291; Nov. 7.
Lubricant. C. Winning and J. G. McNab. 2,346,808; Apr. 18.
Lubricant. J. C. Zimmer. 2,338,613; Jan. 4.
Lubricant. J. C. Zimmer and G. M. McNulty. 2,361,522; Oct. 31.
Lubricant. J. C. Zimmer and A. J. Morway. 2,360,631; Oct. 17.
Lubricant, etc. A. Beerbower and A. E. Calkins. 2,343,736; Mar. 7.
Lubricant and manufacture. E. F. Engelke. 2,359,979; Oct. 10.
Lubricant and preparing same. E. Lieber, M. M. Sadlon, and A. F. Cashman. 2,352,213; June 27.
Lubricant and preparing the same. R. A. Swenson. 2,349,058; May 16.
Lubricant, Anti-ring-sticking. E. R. White. 2,351,380; June 13.
Lubricant composition. E. Lieber. 2,344,886; Mar. 21.
Lubricant composition. R. Rosen. 2,365,011; Dec. 12.
Lubricant composition. J. C. Zimmer and G. M. McNulty. 2,340,036; Jan. 25.
Lubricant, Compounded. B. B. Farrington, V. M. Kostaitsek, and G. H. Denison, Jr. 2,346,156; Apr. 11.
Lubricant containing metal compounds. S. P. Waugh. 2,348,317; May 9.
Lubricant, Emulsifiable. W. D. Hodson. 2,345,199; Mar. 28.
Lubricant, Extreme pressure. W. A. Whittier and J. B. Stricker. 2,352,818; July 4.
Lubricant for chemical industries, and making the same, Heavy. A. B. Hale. 2,349,861; May 30.
Lubricant for metalworking. C. W. Wilson. 2,343,036; Feb. 29.
Lubricant, Gasoline insoluble. J. D. Morgan and R. E. Lowe. 2,363,984; Nov. 28.
Lubricant, Goldbeating. D. D. Swift. 2,354,072; July 18.
Lubricant grease. V. B. Kokatnur and A. van Hook. 2,350,906; June 6.
Lubricant handling device. N. V. Smith. 2,357,029; Aug. 29.
Lubricant, Heavy duty. R. E. Burk. 2,346,356; Apr. 11.
Lubricant, High temperature. R. E. Burk and E. C. Hughes. 2,346,357; Apr. 11.
Lubricant, High temperature. D. L. Wright. 2,356,367; Aug. 22.
Lubricant pumping apparatus. N. V. Smith. 2,357,030; Aug. 29.
Lubricant, Synthetic. B. H. Lincoln, G. D. Byrkit, and W. L. Steiner. 2,340,247; Jan. 25.
Lubricant testing method and apparatus. A. L. M. A. Rocky. 2,349,563; May 23.
Lubricants. J. H. Bannon. 2,362,233; Nov. 7.
Lubricants. E. Lieber and A. F. Cashman. 2,363,880; Nov. 28.
Lubricants. P. R. McCarthy and H. A. Ambrose. 2,344,151; Dec. 5.
Lubricants. J. D. Morgan. 2,362,767; Nov. 14.
Lubricants. J. D. Morgan. 2,366,642; Dec. 26.
Lubricants. J. M. Musselman and H. P. Lankelma. 2,361,957; Nov. 7.
Lubricants. R. F. Nelson, W. Moore, and N. W. Faust. 2,358,939; Sept. 26.
Lubricants. R. S. Shutt and G. R. Watkins. 2,359,270; Sept. 26.
Lubricants, Addition agent for. C. M. Loane and J. W. Gaynor. 2,363,133; Nov. 21.
Lubricants, Low temperature. J. D. Morgan. 2,355,993; Aug. 15.
Lubricants, Reclaiming. A. H. Riesmeyer. 2,339,520; Jan. 18.
Lubricated valve. C. I. Hummer. 2,348,476; May 9.
Lubricated valve. D. M. Knox. 2,348,481; May 9.
Lubricated vinyl aromatic resin and preparation of shaped articles therefrom. L. A. Matheson and R. F. Boy. 2,341,186; Feb. 8.
Lubricating and cooling arrangement. A. D. McDuffie. 2,339,714; Jan. 18.
Lubricating apparatus. W. H. Beretish and T. A. Campbell. 2,351,909; June 20.
Lubricating apparatus. E. W. Davis. 2,340,455; Feb. 1.
Lubricating apparatus. E. L. Finch. 2,364,894; Dec. 12.
Lubricating apparatus. E. F. Milbank. 2,341,328; Feb. 8.
Lubricating apparatus. H. R. Welby. 2,341,348; Feb. 8.
Lubricating arrangement. D. R. Ligh. 2,359,654; Oct. 3.
Lubricating composition. E. W. Cook and W. D. Thomas, Jr. 2,358,305; Sept. 19.
Lubricating composition. H. M. Fraser and T. A. Maxwell. 2,354,252; July 25.
Lubricating composition. LeG. Morell and A. T. Knutson. 2,355,173; Aug. 8.
Lubricating composition. E. A. Nill. 2,349,224; May 16.
Lubricating composition. J. L. Osborne. 2,343,831; Mar. 7.
Lubricating composition. F. P. Otto. 2,361,353; Oct. 24.
Lubricating composition. C. F. Prutton. 2,355,106; Aug. 8.
Lubricating composition. C. F. Prutton and A. K. Smith. 2,347,217; Apr. 25.
Lubricating composition. C. F. Prutton and A. K. Smith. 2,353,585; July 11.
Lubricating composition. C. E. Wilson. 2,361,804; Oct. 31.
Lubricating composition. C. E. Wilson. 2,361,805; Oct. 31.
Lubricating composition and the like. B. B. Farrington, J. O. Clayton, and D. H. Etsler. 2,363,513; Nov. 28.
Lubricating composition, Stable. A. J. Morway and J. C. Zimmer. 2,363,013; Nov. 21.
Lubricating compositions. L. A. Mikeska. 2,362,289; Nov. 7.
Lubricating device. L. E. Shaw. 2,340,704; Feb. 1.
Lubricating device for closed bores or holes. E. D. Phillips. 2,342,217; Feb. 22.
Lubricating devices, Actuating means for. E. R. Packer. 2,348,023; May 2.
Lubricating means. W. O. Bechman. 2,349,898; May 30.
Lubricating means. W. O. Bechman. 2,362,443; Nov. 14.
Lubricating mechanism for sprocket chains. J. F. McCann. 2,355,003; Aug. 1.
Lubricating oil. E. W. Cook and W. D. Thomas, Jr. 2,347,592; Apr. 25.
Lubricating oil composition. L. E. Beare. 2,350,489; June 6.
Lubricating oil composition. E. W. Cook and W. D. Thomas, Jr. 2,344,393; Mar. 14.
Lubricating oil composition. W. L. Finley. 2,347,546–7; Apr. 25.
Lubricating oil composition. R. G. Larsen and F. A. Armfield. 2,343,125; Feb. 29.
Lubricating oils and simultaneous refining of gasoline type motor fuels therewith, Recovery of. W. E. Forney. 2,342,630; Feb. 29.
Lubricating oils, Refining of. R. G. Larsen and F. J. Watson. 2,339,786; Jan. 25.
Lubricating supply apparatus, Overhead. R. Wedeberg. 2,362,953; Nov. 14.
Lubricating system. E. W. Davis. 2,351,930; June 20.
Lubricating system for valve assemblies. A. J. and K. T. Penick. 2,348,642; May 9.
Lubrication. W. L. Finley and J. H. Kirk. 2,348,461; May 9.
Lubrication. A. T. Knutson and E. F. Graves. 2,340,331; Feb. 1.
Lubrication. E. H. Kocher. 2,339,784; Jan. 25.
Lubrication. E. H. Kocher. 2,343,302; Mar. 7.
Lubrication. E. H. Kocher. 2,352,209; June 27.
Lubrication apparatus. I. Short and H. C. Brown. 2,352,130; June 20.
Lubrication apparatus, Reduction gear. W. H. Bartolett. 2,343,492; Mar. 7.
Lubrication of internal combustion engines. E. D. Jones and L. N. Murphy. 2,345,606; Apr. 4.
Lubrication system for machine tools. L. F. Nenninger, E. D. Vancil, and F. A. Hassman. 2,349,597; May 23.
Lubricator: *See*—
Car axle lubricator. Railway journal box lubricator.
Journal lubricator.
Pneumatic tool lubricator.
Lug box. R. P. Barbour. 2,357,162; Aug. 29.
Lug strap and making, Reinforced tapered. B. T. Clark. 2,349,705; May 23.
Lug. Wrist watch case. W. H. Maxwell. 2,358,990; Sept. 26.
Luggage. E. Dresner. 2,362,807; Nov. 14.
Luggage bag. I. Gold. 2,350,606; June 6.
Luggage bag. J. Wein. 2,339,968; Jan. 25.
Luggage box. G. T. Henderson and N. A. Ringhols. 2,351,207; June 13.
Luggage carrier. M. I. Rovick. 2,341,479; Feb. 8.
Luggage case. H. R. Schwab. 2,340,702; Feb. 1.
Luggage, Hand. G. H. Wheary, Jr. 2,357,037; Aug. 29.
Lumber handling table. G. A. Horstkotte. 2,353,239; July 11.
Lumber, Kiln drying. F. W. Gottschalk and H. W. Angell. 2,343,410; Mar. 7.
Lumber puller. A. J. Mansir. 2,351,691; June 20.
Luminaire. K. Franck. 2,344,295; Mar. 14.
Luminaire. T. W. Rolph. 2,352,801; July 4.
Luminaire. F. C. Winkler and E. W. Yungman. 2,365,614; Dec. 19.
Luminescent lamp mounting. L. L. Friend, Jr. 2,365,812; Dec. 26.
Luminescent material. H. M. Fernberger. 2,361,467; Oct. 31.
Luminescent material. H. Strübig and W. Hass. 2,352,035; June 20.
Luminescent substances to adhere to glass walls, Causing. A. Claude. 2,344,081; Mar. 14.
Luminescent tube system and apparatus. C. P. Boucher and F. A. Kuhl. 2,351,914–15; June 20.
Luminescent warning device. G. Mittag. 2,342,005; Feb. 15.
Luminous discharge tube. M. Pennybacker and A. R. Hussey. 2,354,421; July 25.
Luminous marker. J. E. Paul. 2,361,319; Oct. 24.
Lunch box. J. H. Devine. 2,347,670; May 2.
Lunch box. J. S. Park. 2,339,580; Jan. 18.

Lunch box. H. M. Piker. 2,349,751; May 23.
Lunch box, Extensible. F. Giberson. 2,350,224; May 30.
Lupulin, Extracting. J. M. Schorr. 2,345,773; Apr. 4.
Lure, Artificial fishing. A. J. Dory. 2,365,628; Dec. 19.
Lure, Fish. C. Wood. 2,344,580; Mar. 21.
Luster-imparting surface coating compositions. K. Stickdorn. 2,342,520; Feb. 22.
Lustrous coatings, Preparing. W. Penso, W. Asch, P. May and H. Stärk. 2,356,879; Aug. 29.
Luting composition. C. L. Hartsell and A. D. Covert. 2,345,598; Apr. 4.
Luting machine. F. D. Grim. 2,345,534; Mar. 28.
Lymphogranuloma venerum antigen and preparing it. G. W. Rake and M. F. Shaffer. 2,355,676; Aug. 15.
Machine. W. S. Reynolds. 2,350,569; June 6.
Machine and a process for making sugared milk powder. J. E. Rosecky. 2,358,418; Sept. 19.
Machine and method for assembling electrical wire terminals. M. Alden. 2,340,360; Feb. 1.
Machine and method for indenting tubing. C. L. Dewey. 2,363,507; Nov. 28.
Machine and method for making certain rubber goods. F. J. Maywald, Jr. 2,353,256; July 11.
Machine and method of manufacturing spot caps. J. D. Elder. 2,342,621; Feb. 22.
Machine center. G. S. Boyd. 2,353,009; July 4.
Machine control. A. R. McCourt. 2,354,391; July 25.
Machine control means. C. B. Ogilvie, W. E. Nickell and L. E. Colley. 2,356,266; Aug. 22.
Machine element. J. W. Orendorff. 2,341,191; Feb. 8.
Machine elements and the like, Method and apparatus for aligning. J. B. Armitage, C. O. Rothweiler and T. O. Salzer. 2,342,828; Feb. 29.
Machine drive, Dynamoelectric. W. J. Morrill. 2,351,997; June 20.
Machine for and packaging capsules. R. P. Scherer. 2,339,115; Jan. 11.
Machine for applying and drying adhesive on paper goods. E. G. Staude. 2,348,864; May 16.
Machine for applying closures to bottles. E. N. Lowry. 2,355,385; Aug. 8.
Machine for applying decalcomanias. W. M. Muir. 2,353,352; July 11.
Machine for applying hood caps to bottles. A. J. Briggs. 2,364,776; Dec. 12.
Machine for applying plastic bindings and the like. C. E. Emmer. 2,338,911; Jan. 11.
Machine for applying labels to moving webs. H. B. Tuthill and H. F. Caldwell. 2,341,493; Feb. 8.
Machine for assembling metal containers. L. Hermani. 2,344,460; Mar. 14.
Machine for assembling partitions. J. E. McLaughlin, J. E. Wilske, and F. A. McCormick. 2,353,842; July 18.
Machine for bending metal. W. A. Weightman. 2,350,379; June 6.
Machine for bevelling the edges of lenses. E. O. Kollmorgen. 2,356,488; Aug. 22.
Machine for blowing hollow glassware. R. G. Allen and C. B. Smith. 2,365,929; Dec. 26.
Machine for broaching bearings. W. J. Fiegel. 2,340,653; Feb. 1.
Machine for building walls. W. E. Urschel. 2,339,892; Jan. 25.
Machine for chamfering gears. C. T. Galloway. 2,343,407; Mar. 7.
Machine for cleaning fur. S. Friedman. 2,351,198; June 13.
Machine for coaxial cable insulation. C. A. Raabe. 2,355,238; Aug. 8.
Machine for collecting fish. P. Danielsson. 2,356,655; Aug. 22.
Machine for compressing gases by centrifugal effect. J. Szydlowski. 2,350,839; June 6.
Machine for conditioning felts of papermaking machines. F. W. Vickery. 2,352,991; July 4.
Machine for configuring tubing. C. L. and S. L. Dewey. 2,339,688; Jan. 18.
Machine for continuously coating and/or permeating sheets. H. A. Evans. 2,349,256; May 23.
Machine for corking bottles. R. A. Clark, Jr. 2,340,106; Jan. 25.
Machine for crocheting sheathings about cores. P. F. Nardulli. 2,348,746; May 16.
Machine for cutting a metal tubular member into rings. J. W. Howlett. 2,365,760; Dec. 26.
Machine for cutting edibles. A. C. Turner. 2,341,582; Feb. 15.
Machine for cutting edibles. H. G. W. Young. 2,353,607; July 11.
Machine for cutting rings from cylindrical tubing. H. E. Edwards. 2,356,038; Aug. 15.
Machine for cutting sheet material. E. L. Sutter. 2,365,605; Dec. 19.
Machine for disbarking logs. R. Mehlhorn. 2,341,640; Feb. 15.
Machine for dressing edges of metal sheets and the like. W. F. Spahr. 2,350,648; June 6.
Machine for driving hones. J. J. Palotsee. 2,358,247; Sept. 12.
Machine for dyeing textile fabrics. A. J. Belokopytoff. 2,352,882; July 4.
Machine for end tapering metal tubing. C. L. Dewey. 2,347,175; Apr. 25.
Machine for equipping box parts with fastening means. A. L. Rosenmund. 2,338,204; Jan. 4.
Machine for expanding hollow articles. A. E. Ushakoff. 2,344,572; Mar. 21.
Machine for extruding and blowing plastics. W. H. Kopitke. 2,349,176; May 16.
Machine for extruding loaded components. R. G. Jackson and A. H. Grover. 2,350,356; June 6.
Machine for extruding rubber and the like. F. E. Brown. 2,343,629; Mar. 7.
Machine for filling cans. H. D. Ayars. 2,358,680; Sept. 19.
Machine for filling cans. H. D. Ayars. 2,362,793; Nov. 14.
Machine for filling containers. C. H. Clark. 2,355,848; Aug. 15.
Machine for forming box blanks. E. S. Smithson. 2,353,419; July 11.
Machine for forming gears. H. Pelphrey. 2,346,867; Apr. 18.
Machine for forming gears. H. Pelphrey. 2,348,845; May 16.
Machine for forming resilient brackets. A. E. Brickman and H. B. Trott. 2,346,468; Apr. 11.
Machine for forming screw threads in caps or closures. D. R. Connell. 2,365,746; Dec. 26.
Machine for gathering, transporting, and stacking materials. B. F. Owen. 2,364,470; Dec. 5.
Machine for gauging the helix of helical toothed gear wheels. A. H. Orcutt. 2,340,978; Feb. 8.
Machine for grading articles by weight. R. M. Edington. 2,355,715; Aug. 15.
Machine for grinding racks. S. G. Brady. 2,348,281; May 9.
Machine for grinding "V" jewels. M. Kouliah. 2,351,134; June 13.
Machine for handling boxes and similar articles. H. D. Couch. 2,350,449; June 6.
Machine for handling strip material. J. B. Hale. 2,358,065; Sept. 12.
Machine for inking edges of shoe parts. R. R. Campbell. 2,349,245; May 23.
Machine for inlaying. T. Wainman. 2,347,585; Apr. 25.
Machine for inturning tube ends. C. L. Dewey. 2,351,020; June 13.
Machine for making and filling packages. W. B. Bronander. 2,360,846; Oct. 24.
Machine for making and filling packages. L. L. Salfisberg. 2,350,930; June 6.
Machine for making blueprints and the like. H. J. Brunk. 2,364,514; Dec. 5.
Machine for making cellulose sheets and the like. E. Czapek. 2,344,603; Mar. 21.
Machine for making closure caps. J. C. Gibbs. 2,343,006; Feb. 29.
Machine for making closure caps. J. C. Gibbs. 2,349,037; May 16.
Machine for making double loop hook and tie bands. H. G. Drake and J. L. Wingate. 2,363,404; Nov. 21.
Machine for making fastener stringers. N. J. Poux. 2,356,086; Aug. 15.
Machine for making fiber container parts. J. M. Hothersall and J. H. Murch. 2,361,942; Nov. 7.
Machine for making fiber containers. H. Elnloth. 2,357,814; Sept. 12.
Machine for making flexible tubes. H. Shellmer and E. J. Rennie. 2,350,070; May 30.
Machine for making hollow bodies. J. C. Kolderman and W. K. Speckin. 2,344,779; Mar. 21.
Machine for making incisions in soles. F. E. Bertrand. 2,347,247; Apr. 25.
Machine for making milk bottle caps. P. W. Ryser. 2,359,531; Oct. 3.
Machine for making plastic helicoidal structures. A. W. Hanson. 2,365,952; Dec. 26.
Machine for making T's of metal tubing. J. Q. Holmes and B. S. Sample. 2,345,123; Mar. 28.
Machine for making tubular structures. A. E. Chernack. 2,343,747; Mar. 7.
Machine for making wicks. S. S. Steinberg. 2,360,080; Oct. 10.
Machine for making wood wool. A. Elmendorf. 2,349,034; May 16.
Machine for manufacturing and applying bottle caps. E. Anderson. 2,343,358; Mar. 7.
Machine for manufacturing lids for multiple boxes. G. E. Stilwell and G. C. Paxton. 2,349,205; May 16.
Machine for measuring and proportioning paints. N. Grubelic. 2,354,259; July 25.
Machine for milling the flanges of airplane wing spars. E. J. E. Dewoltine. 2,356,571; Aug. 22.
Machine for molding bricks. C. W. Watson. 2,350,298; May 30.
Machine for molding solder bars. C. E. Burke. 2,365,743; Dec. 26.
Machine for necktie manufacture. J. Schifter. 2,359,333; Oct. 3.
Machine for opening or lapping wire drawing dies and the like. D. F. Sengenberger. 2,366,062; Dec. 26.
Machine for operating on insoles. E. E. Sabin. 2,354,333; July 25.
Machine for operating on the back parts of shoe uppers. L. S. Macdonald. 2,342,154; Feb. 22.

Machine for operating upon hides, skins, and leather. C. D. Knowlton and D. Edgar. 2,356,855; Aug. 29.
Machine for operating upon shoe soles. E. W. Stacey. 2,349,395; Oct. 3.
Machine for operating upon shoes. A. S. Clark. 2,347,666; May 2.
Machine for operating upon shoes. W. W. Prue. 2,340,614; Feb. 1.
Machine for operating upon soles. F. Ricks and J. W. Pratt. 2,349,379; May 23.
Machine for packaging gum. J. Van Buren. 2,350,576; June 6.
Machine for photographically composing type characters. A. G. Highton. 2,351,126; June 13.
Machine for plucking poultry and the like. O. Sandlin. 2,342,013; Feb. 15.
Machine for preparing food products. C. J. Schwebke and F. E. Hoadley. 2,350,643; June 6.
Machine for press forming sheetlike articles. S. H. Miller, G. L. Jenkins, and F. T. McGuire, Jr. 2,355,093; Aug. 8.
Machine for pressing soles upon shoe bottoms. S. J. Flan. 2,356,756; Aug. 29.
Machine for producing gears. L. O. Carlsen. 2,339,679; Jan. 18.
Machine for producing gears. L. O. Carlsen and O. A. Johnson. 2,354,181; July 25.
Machine for producing knitted fabric. E. Wildt, H. H. Holmes, and J. C. H. Hurd. 2,342,041; Nov. 7.
Machine for producing oval objects and frames. J. Torma. 2,350,428; June 6.
Machine for producing pipes. J. Ferla. 2,364,061; Dec. 5.
Machine for proof testing the holding efficiency between wire cables and fittings, etc. O. J. Bratz and H. D. Baines. 2,363,938; Nov. 28.
Machine for raising spines. H. G. Barrett. 2,354,298; July 25.
Machine for reading perforated record cards. R. T. Blakely. 2,348,051; May 2.
Machine for recording and dispensing phonograph records. A. Lissiansky. 2,342,411; Feb. 22.
Machine for recording and registering business transactions. A. C. Whitmer. 2,352,817; July 4.
Machine for reenforcing clothespins. J. R. Nolan. 2,351,450; June 13.
Machine for removing casings from sausage and the like. P. A. Jacobson. 2,340,755; Feb. 1.
Machine for reshaping used bottle caps. W. H. Hartmann. 2,347,102; Apr. 18.
Machine for scalping bars. J. R. Johnson and H. T. R. Hanlts. 2,338,687; Jan. 4.
Machine for sealing boxes. G. W. Von Hofe. 2,365,665; Dec. 26.
Machine for segregating scrap metal rings from drawn metallic cups. W. S. Reynolds. 2,341,291; Feb. 8.
Machine for separating meats and shell fragments of edible nuts. L. J. Meyer. 2,338,956; Jan. 11.
Machine for sewing shoes. B. T. Leveque. 2,362,645; Nov. 14.
Machine for shaping shoe uppers. L. J. Bazzoni. 2,365,242; Dec. 19.
Machine for shoemaking. L. Sabo. 2,343,028; Feb. 29.
Machine for shoemaking. L. Sabo. 2,358,253; Sept. 12.
Machine for smoothing surfaces. G. Clausing. 2,352,690; July 4.
Machine for sorting and separating sheets or printed forms. J. Zalkind. 2,359,705; Oct. 3.
Machine for surface grinding and polishing glass and other materials, Combined. D. Bezborodko, and C. Zucker. 2,341,524; Feb. 15.
Machine for testing adherence of sheet coatings. R. W. Hodil and J. C. Redmond. 2,339,855; Jan. 25.
Machine for testing articles having parts subject to centrifugal action. L. Meister. 2,355,092; Aug. 8.
Machine for the manufacture of cigar bunches or the like. K. E. Granstedt. 2,353,663; July 18.
Machine for the manufacture of structural assemblies. W. K. Taylor. 2,339,727; Jan. 18.
Machine for the treatment of lenses. J. Bolsey. 2,352,180; June 27.
Machine for threshing flax and the like. H. C. Thompson. 2,338,308; Jan. 4.
Machine for treating and laying strip material from packages. A. C. Fischer. 2,354,586; July 25.
Machine for treating hides, skins, and leather. C. D. Knowlton and D. Edgar. 2,359,922; Oct. 10.
Machine for treating paper. P. W. Chapman and O. A. Jouret. 2,353,994; July 18.
Machine for treating sheet material. C. D. Knowlton. 2,358,334; Sept. 19.
Machine for treating soles. O. H. Osbeck. 2,356,344; Aug. 22.
Machine for trimming glass ampoules. L. E. Cline. 2,362,115; Nov. 7.
Machine for trimming the flash from rubber heels and the like. C. S. Knight. 2,350,238; May 30.
Machine for twisting metal shapes. F. S. Saunders. 2,359,277; Oct. 3.
Machine for use in setting up cellular cartons. J. E. Annen and A. Conklin. 2,341,070–1; Feb. 8.
Machine for use in the manufacture of cartons. W. T. Martin. 2,350,690; June 6.
Machine for viewing and segregating film. C. B. Bogue. 2,338,400; Jan. 4.
Machine for washing drinking vessels. W. F. Ohme and R. C. Stephan. 2,360,156; Oct. 10.
Machine for welding. E. J. P. James. 2,344,875; Mar. 21.
Machine for winding fabrics. G. W. Lane. 2,363,678; Nov. 28.
Machine for working sheet metal articles. C. L. Clark. 2,357,793; Sept. 12.
Machine for working wood and other materials. G. H. Stahler. 2,347,374; Apr. 25.
Machine for wrapping toroidal objects. C. H. Desautels. 2,346,475; Apr. 11.
Machine gun. C. S. Brown. 2,364,944; Dec. 12.
Machine gun. V. A. Browning. 2,362,613; Nov. 14.
Machine gun air cooling means. V. A. Browning. 2,365,388; Dec. 19.
Machine gun belt tang. M. Kiessling. 2,360,501; Oct. 17.
Machine gun charger, Automatic. T. B. Slate. 2,340,705; Feb. 1.
Machine gun cradle structure. J. C. Trotter. 2,352,870; July 4.
Machine gun mechanism. W. D. D. Hammond. 2,360,055; Oct. 10.
Machine gun mount. G. Ironside. 2,346,845; Apr. 18.
Machine gun operation device for aircraft. M. Glowka. 2,362,199; Nov. 7.
Machine jaw, Stretching. M. D. Ripley. 2,349,520; May 23.
Machine mounting. A. L. Briggs. 2,361,529; Oct. 31.
Machine pick sharpener. V. F. Neal. 2,364,160; Dec. 5.
Machine screw nut. F. S. Best. 2,358,783; Sept. 26.
Machine tool. E. P. Bullard, III, L. E. Alvey, and F. H. Mussler. 2,351,921; June 20.
Machine tool. E. P. Bullard, III, L. E. Alvey, and F. H. Mussler. 2,352,185; June 27.
Machine tool. E. P. Bullard, III, F. H. Mussler, P. H. Lange, E. N. Cowell, and L. E. Alvey. 2,356,625; Aug. 15.
Machine tool. H. J. Caldwell. 2,345,581; Apr. 4.
Machine tool. G. A. Chandler. 2,356,651; Aug. 22.
Machine tool. M. S. Curtis. 2,339,839; Jan. 25.
Machine tool. L. Fabian. 2,354,673; Aug. 1.
Machine tool. O. C. Hedin. 2,360,772; Oct. 17.
Machine tool. W. H. Hendel. 2,364,977; Dec. 12.
Machine tool. R. L. Hibbard. 2,365,820; Dec. 26.
Machine tool. P. S. Jackson. 2,349,171; May 16.
Machine tool. E. J. Kearney. 2,355,062; Aug. 8.
Machine tool. M. E. Lange. 2,351,987; June 20.
Machine tool. M. E. Lange and M. G. Goetze. 2,358,088; Sept. 12.
Machine tool. B. R. Purvin. 2,338,737; Jan. 11.
Machine tool. W. F. Ridgway. 2,338,599; Jan. 4.
Machine tool. J. H. Schreiber and F. H. Dean. 2,349,382; May 23.
Machine tool. A. A. Schwartz. 2,343,875; Mar. 14.
Machine tool. A. A. Schwartz. 2,344,420; Mar. 14.
Machine tool. H. N. Stephan. 2,339,435; Jan. 18.
Machine tool. J. J. N. Van Hamersveld. 2,340,912; Feb. 8.
Machine tool. J. J. N. Van Hamersveld. 2,344,187; Mar. 14.
Machine tool. J. J. N. Van Hamersveld. 2,359,064; Sept. 26.
Machine tool. H. C. Warner and C. H. Schurr. 2,364,932; Dec. 12.
Machine tool and boring head therefor, Multiversal. F. W. Hack. 2,344,039; Mar. 14.
Machine tool and the like. W. Wemböner. 2,358,269; Sept. 12.
Machine tool control mechanism. M. E. Martellotti. 2,349,695; May 23.
Machine tool drive. R. I. Robbins and T. S. Ross. 2,341,742; Feb. 15.
Machine tool drive support. W. C. Heath. 2,353,465; July 11.
Machine tool feeding mechanism. J. C. Garand. 2,340,874; Feb. 8.
Machine tool, Hydraulically operated. P. G. Corin. 2,349,846; May 30.
Machine tool, Hydraulically operated. E. H. Kocher. 2,351,620; June 20.
Machine tool rapid traverse mechanism. H. C. Kemper and R. R. Rusicka. 2,354,266; July 25.
Machine tool tracer regulator. C. R. Hanna. 2,345,116; Mar. 28.
Machine tool transmission and control mechanism. J. B. Armitage. 2,344,529; Mar. 21.
Machine tool transmission and control mechanism. J. B. Armitage and T. F. Eserkaln. 2,345,171; Mar. 28.
Machine tool turret. W. H. Murad. 2,338,867; Jan. 11.
Machine tools and slide construction therefor, Preparing. H. H. Bonschor. 2,340,450; Feb. 1.
Machine tools, Control mechanism. W. S. Tandler and D. S. Walker. 2,358,746; Sept. 19.
Machine tying of hams and the like. B. H. Bunn. 2,358,685; Sept. 19.
Machine, Winding. E. J. Abbott. Re. 22,492; June 13.
Machinery guard. H. V. Newell. 2,350,247; May 30.
Machining apparatus. G. Stuhlfauth. 2,357,615–16; Sept. 5.
Machining explosive and apparatus therefor. M. B. Hesslein and A. T. Anderson. 2,356,159; Aug. 22.
Magazine and breechblock latching means for firearms. V. A. Browning. 2,363,772; Nov. 28.

Magazine ejector mechanism for cameras. T. S. Briskin and P. F. Sperry. 2,357,076; Aug. 29.
Magazine filling mechanism. N. V. Kuehlman. 2,364,797; Dec. 12.
Magazine, Film. W. O. Runcie. 2,348,153; May 2.
Magazine for firearms. F. A. Cooley. 2,365,392; Dec. 19.
Magazine for safety razor blades. J. Muros. 2,348,303; May 9.
Magazine for safety razor blades. M. J. Shnitzler. 2,362,504; Nov. 14.
Magazine for safety razor blades. S. C. Stampleman. 2,363,908; Nov. 28.
Magazine for safety razor blades. S. C. Stampleman and J. Muros. 2,350,837; June 6.
Magazine loading means. R. M. Whitmore. 2,362,109; Nov. 7.
Magazine, Razor blade. S. H. Benjamin. 2,353,141; July 11.
Magazine razor blade holder. J. A. Guimond. 2,352,538; June 27.
Magazine, Safety razor. J. Muros. 2,352,113; June 20.
Magazine safety razor. N. Testi. 2,361,512–13; Oct. 31.
Magazine work holding fixture. P. M. Preziosi. 2,348,644; May 9.
Magnesia, Dead burned. R. D. Pike. 2,348,847; May 16.
Magnesite, Flotation of. A. J. Weinig. 2,363,030; Nov. 21.
Magnesium alloy. F. Christen. 2,340,795; Feb. 1.
Magnesium and magnesium alloys, Rolling. J. Zublin. 2,349,395; May 23.
Magnesium and magnesium base alloys against corrosion, Protection of. C. J. Bushrod. 2,352,076; June 20.
Magnesium-base metals, Protection of. J. Frasch. 2,338,924; Jan. 11.
Magnesium carbonate composition and preparing the same, Self-set. S. A. Abrahams, R. Lewon and L. L. Collonge. 2,339,041; Jan. 11.
Magnesium castings, Making and treating. R. T. Wood. 2,352,990; July 4.
Magnesium chloride from calcium chloride and dolomite, Production of. R. D. Pike. 2,357,130; Aug. 29.
Magnesium chloride, Production of anhydrous. L. M. Pidgeon and N. W. F. Phillips. 2,356,118; Aug. 15.
Magnesium composition and preparation. L. B. Miller. 2,358,818; Sept. 26.
Magnesium compositions. C. C. Winding. 2,357,987; Sept. 12.
Magnesium compound from calcined dolomite. C. M. Slansky. 2,338,876; Jan. 11.
Magnesium control in manganese electro-winning. C. L. Mantell and W. L. Hammerquist. 2,348,742; May 16.
Magnesium hydroxide, Production of. F. N. Pickett. 2,366,052; Dec. 26.
Magnesium, Manufacturing metallic. T. Arimori, Y. Konishi, J. Ishibashi and R. Yoshimura. 2,349,927; May 30.
Magnesium, Melting. R. Franks and W. O. Binder. 2,357,885; Sept. 12.
Magnesium, Method and apparatus for the production of. H. P. Davis. 2,349,408–9; May 23.
Magnesium oxide, Producing. W. Moschel, W. Frost, and W. Schmid. 2,351,998; June 20.
Magnesium, Producing. H. S. Cooper. 2,351,488; June 13.
Magnesium production. R. A. Boyer and E. E. Ensign. 2,365,386; Dec. 19.
Magnesium production and furnace equipment therefor. W. A. Darrah. 2,364,195; Dec. 5.
Magnesium products, Manufacture of. G. H. Gloss and R. E. Clarke. 2,356,395; Aug. 22.
Magnesium, Recovery of metallic. R. R. Sayers. 2,353,193; July 11.
Magnesium, Reduction of. H. L. Gentil. 2,354,253; July 25.
Magnesium refractories, Making. D. W. Ross. 2,347,968; May 2.
Magnesium salts, Recovering. S. B. Heath and F. R. Minger. 2,342,666; Feb. 29.
Magnesium scrap, Recovery of finely-divided. W. C. Newhams. 2,349,190; May 16.
Magnesium sulphate from magnesium-bearing rocks. H. R. Brandenburg. 2,345,655; Apr. 4.
Magnesium sulphide, Production of. T. W. Sarge. 2,358,661; Sept. 19.
Magnesium, Treating finely divided. H. T. Stowell. 2,357,614; Sept. 5.
Magnesium, Treatment of. K. B. Ayers. 2,357,991; Sept. 12.
Magnet chuck, Permanent. J. T. Beechlyn. 2,347,023; Apr. 18.
Magnet material, Permanent. O. J. Finch and J. H. White. 2,347,817; May 2.
Magnet, Permanent. A. V. de Forest and F. B. Doane. 2,353,550; July 11.
Magnet, Permanent lifting. C. J. Duby. 2,348,967; May 16.
Magnet release for gate doors and for other purposes. B. Steele. 2,363,021; Nov. 21.
Magnet release for starting gates. B. Steele. 2,363,022; Nov. 21.
Magnet steel, Permanent. K. L. Scott. 2,343,481; Mar. 7.
Magnet structure. L. H. Matthias. 2,348,556; May 9.
Magnet suspension. A. Hansen, Jr. 2,340,122; Jan. 25.
Magnetic actuator. O. I. Price. 2,353,756; July 18.
Magnetic actuator. O. I. Price. 2,364,656; Dec. 12.
Magnetic actuator. G. O. Wilms and A. J. Dawe. 2,360,750; Oct. 17.
Magnetic bearing. W. C. Wagner. 2,340,781; Feb. 1.
Magnetic board. F. Insler and J. Fakler. 2,346,582; Apr. 11.
Magnetic bucking bar. W. R. Holcomb. 2,359,848; Oct. 10.
Magnetic clutch. J. J. Bloomfield. 2,347,873; May 2.
Magnetic compass. A. A. Stuart, Jr. 2,361,433; Oct. 31
Magnetic compass. G. Tillander. 2,359,691; Oct. 3.
Magnetic compasses, Construction of. J. M. S. Kaufman, S. Krasnow, and J. A. Schaerfl. 2,361,548; Oct. 31.
Magnetic core. J. C. Granfield. 2,348,003; May 2.
Magnetic direction indicating instrument. S. Krasnow and J. M. S. Kaufman. 2,350,402; June 6.
Magnetic drain plug. G. H. Acker. 2,358,612; Sept. 19.
Magnetic drive. F. W. E. Weisse. 2,354,563; July 25.
Magnetic field control of heterogeneous catalysts. O. F. Krumboltz. 2,352,791; July 4.
Magnetic flux distributor. A. Alessandri. 2,341,171; Feb. 8.
Magnetic indicator. J. W., A. S., and W. F. McBride. 2,346,773; Apr. 18.
Magnetic materials. J. F. Dillinger and A. N. Ogden. 2,360,939; Oct. 24.
Magnetic motion-controlling mechanism. C. Lurts. 2,359,656; Oct. 3.
Magnetic plug. T. E. Brooks. 2,345,029; Mar. 28.
Magnetic pole piece. S. D. Ellenberger. 2,361,753; Oct. 31.
Magnetic recorder. M. Camras. 2,351,005; June 13.
Magnetic recorder heads, Energizing. M. Camras. 2,351,011; June 13.
Magnetic recording. M. Camras. 2,351,004; June 13.
Magnetic recording and reproducing system. S. D. Ellenberger. 2,361,752; Oct. 31.
Magnetic recording apparatus. J. W. Bryce. 2,359,617; Oct. 3.
Magnetic recording apparatus. J. B. Walker. 2,360,625; Oct. 17.
Magnetic recording head. M. Camras. 2,351,006–7; June 13.
Magnetic recording, Means and method of. J. B. Walker. 2,350,083; May 30.
Magnetic reversing switch. W. C. Furnas and D. G. Spotts. 2,358,668; Sept. 19.
Magnetic seismometer. O. S. Petty. 2,348,225; May 9.
Magnetic separator. W. Byrd, Jr. 2,340,303; Feb. 1.
Magnetic separator. R. J. Linney. 2,356,463; Aug. 22.
Magnetic separator. R. H. Stearns. 2,365,603; Dec. 19.
Magnetic shield for electrical apparatus. L. E. Sauer. 2,340,081; Jan. 25.
Magnetic signal. L. W. Carroll. 2,359,546; Oct. 3.
Magnetic sound recording and reproducing. S. J. Begun. 2,356,145; Aug. 22.
Magnetic spark plug. L. Beeh. 2,347,072; Apr. 18.
Magnetic stirrer. A. Rosinger. 2,350,534; June 6.
Magnetic structures, Producing. P. G. Cobb. 2,346,555; Apr. 11.
Magnetic suspension for horizontal shafts. A. Hansen, Jr. 2,351,424; June 13.
Magnetic tachometer. C. H. H. Rodanet. 2,347,613; Apr. 25.
Magnetic testing apparatus and magnetizing. J. E. Clarke. 2,352,371; June 27.
Magnetic testing device. T. S. Bindschedler and C. K. Davis. 2,351,595; June 20.
Magnetic testing method. O. Engler. 2,351,944; June 20.
Magnetic toggle overload release. E. H. Birdsall. 2,356,204; Aug. 22.
Magnetic transmission. N. B. Wales. 2,352,238; June 27.
Magnetic well logging. J. C. Arnold. 2,338,991; Jan. 11.
Magnetically controlled element. L. S. Simon. 2,343,813; Mar. 7.
Magneto. K. A. Harmon. 2,364,140; Dec. 5.
Magneto. K. A. Harmon and S. K. Smart. 2,352,894; July 4.
Magneto unit. W. L. Carlson. 2,354,302; July 25.
Magnetos, Method and apparatus for synchronizing. J. R. Lyman. 2,338,861; Jan. 11.
Magnetron, Resonant cavity. E. G. Linder. 2,348,986; May 16.
Magnifying attachment for measuring instruments and the like. S. S. Barrows. 2,349,604; May 23.
Magnifying attachment for rules. F. F. Holstein. 2,355,161; Aug. 8.
Magnus effect, Increasing the. H. P. Massey. 2,344,515; Mar. 21.
Mail box. J. A. Westerfield. 2,356,020; Aug. 15.
Mailing card and envelope. J. H. Coakley, Jr. 2,350,149; May 30.
Mailing device. A. and H. Deutschmeister. 2,350,100; May 30.
Mailing envelope. N. F. Dunlop. 2,346,419; Apr. 11.
Mailing folder, Multiple use. LeR. Wellliver and H. H. Sievers. 2,355,348; Aug. 8.
Mains under pressure, Cutting. G. E. Steudel. 2,349,889; May 30.

Making bottoms of high temperature basic furnaces. L. A. Nicholas. 2,358,652; Sept. 19.
Making cable. A. N. Gray. 2,341,712; Feb. 15.
Making cold molding compositions. W. R. Heineman. 2,340,123; Jan. 25.
Making grids. W. W. Eitel and J. A. McCullough. 2,359,514; Oct. 3.
Maleic acid, Dehydration of. F. Porter. 2,340,490; Feb. 1.
Maleic anhydride, Halogenating. P. H. Wise and C. R. Milone. 2,342,173; Feb. 22.
Maleic anhydride, Purification of. J. H. Crowell. 2,343,536; Mar. 7.
Malleable cast iron. N. A. Ziegler and H. W. Northrup. 2,340,854; Feb. 8.
Malleable casting and making the same, Case hardened. J. H. Powers. 2,354,055; July 18.
Mandrel. C. E. Lampe, Sr. 2,357,011; Aug. 29.
Mandrel. J. Majors. 2,356,678; Aug. 22.
Mandrel. P. J. Thomas. 2,365,930; Dec. 26.
Mandrel, Expansible. P. P. Elka. 2,345,246; Mar. 28.
Mandrel, Expansible. W. J. Mundy. 2,360,968; Oct. 24.
Mandrel, Floating pin. A. Katz. 2,355,734; Aug. 15.
Mandrel for tube drawing, Floating type. C. H. Wadell. 2,358,838; Sept. 26.
Mandrel for tube drawing, Floating type. C. H. Wadell. 2,359,339; Oct. 3.
Mandrel or implement holder, Self-adjustable. R. H. Baur. 2,359,608; Oct. 3.
Mandrels, Rotating. S. Findlater. 2,363,723; Nov. 28.
Manganese deposition control. K. M. Leute, C. L. Mantell, and W. Hammerquist. 2,361,143; Oct. 24.
Manganese electrowinning process. H. L. Chamberlain. 2,339,911; Jan. 25.
Manganese from water, Removal of. J. P. Lawlor. 2,355,808; Aug. 15.
Manganese in metal state and pure manganese dioxide if desired from manganese ores, Producing. P. Guareschi. 2,356,515; Aug. 22.
Manganese, Matte smelting of. R. G. Knickerbocker. 2,358,812; Sept. 26.
Manganese ore treatment. W. W. Jukkola. 2,340,188; Jan. 25.
Manganese ores, Concentration of. F. J. Cahn. 2,356,055; Sept. 12.
Manganese products, Preparation of. H. A. Brassert and J. C. Hartley. 2,361,925; Nov. 7.
Manganous sulphate solutions, Purification of. W. H. Ramsay and B. J. Walsh. 2,343,293; Mar. 7.
Mangle. E. P. Harrison and O. A. Hunt. 2,364,634; Dec. 12.
Manicuring device. L. A. Reynolds. 2,346,234; Apr. 11.
Manifold. R. L. Hoyle. 2,353,036; July 4.
Manifold for multicylinder engines, Intake. L. Rostoker and S. J. Evelyn. 2,353,787; July 18.
Manifold set. H. S. Jones. 2,341,788; Feb. 15.
Manifolding. A. A. Johnson. 2,353,902; July 18.
Manifolding assembly. W. G. Stone. 2,352,134; June 20.
Manifolding material, Normally inert. J. Q. Sherman. 2,351,073; June 13.
Manifolding paper, Handling continuous. W. C. Pfeiffer. 2,343,390; Apr. 11.
Manikin, Pitcher. J. L. Vaughn. 2,349,892; May 30.
Manipulator. E. E. Brosius. 2,345,572; Apr. 4.
Manometer. J. L. Mayer. 2,354,327; July 25.
Manometer for measuring blood pressure. F. H. Howard. 2,361,628; Oct. 31.
Mantle for gyratory crushers and means for securing it. O. C. Gruender. 2,341,544; Feb. 15.
Manual automatic device for indicating the favorable periods for conception in women. M. D. dos Santos Braseão. 2,350,219; May 30.
Manually controlled time switch. J. S. Nunes. 2,350,967; June 6.
Manually operate tube cutter. A. L. Parker. 2,360,887; Oct. 24.
Manufacture. B. Van Every. 2,364,112; Dec. 5.
Manufacture of alkaline earth metal acid sulphides. R. C. Hartman. 2,346,577; Apr. 11.
Manufacture of casings. A. J. Freeman. 2,340,951; Feb. 8.
Manufacture of containers and the like. L. Scusa. 2,343,331; Mar. 7.
Manufacture of esters of mononitriles of dicarboxylic acids. B. S. Biggs. 2,339,672; Jan. 18.
Manufacture of fluorescent lamps and screens. J. T. Anderson. 2,339,131; Jan. 11.
Manufacture of golf club grips. F. Van Cleef. 2,339,121; Jan. 11.
Manufacture of pigments and coating compositions. G. M. O'Neal. 2,350,525; June 6.
Manufacture of platform shoes. K. A. Stritter. 2,339,726; Jan. 18.
Manufacture of thiazoles. R. W. Boon. 2,341,687; Feb. 15.
Manufacture of wrought iron. E. B. Story. 2,339,821; Jan. 25.
Manufacturing cast iron. O. Smalley. 2,364,922; Dec. 12.
Manufacturing fibrocement pipe. G. Guerci. 2,342,801; Feb. 29.
Manufacturing shaped bodies from iron powders. C. G. Goetzel. 2,342,799; Feb. 29.
Manufacturing turbine blades. C. C. Franck. 2,354,587; July 25.
Manure spreader. H. M. Johnston. 2,342,942; Feb. 29.
Manure spreaders, Control means for. R. D. MacDonald. 2,344,317; Mar. 14.
Manure, Spreading. W. Griffiths. 2,360,126; Oct. 10.
Map. P. von Rohl. 2,354,785; Aug. 1.
Map globe and globe construction. C. E. Riddiford. 2,352,225; June 27.
Map making from aerial photographs. J. G. Lewis. 2,364,082; Dec. 5.
Map projection. W. G. Gingery. 2,352,380; June 27.
Maps, Production of mosaic. R. A. Schuch and J. F. Masino. 2,352,413; June 27.
Margin justifier, Typewriter. J. S. Edison. 2,355,284; Aug. 8.
Marihuana active compound. R. Adams. 2,354,492; July 25.
Marine condenser installation. J. W. McNulty. 2,355,005; Aug. 1.
Marine craft, Folding and nonfolding. C. H. Clark. 2,353,013; July 4.
Marine leg unloading apparatus. H. K. Herrick and C. J. Horn. 2,365,818; Dec. 26.
Marine poppet valve. R. E. Clapp. 2,341,018; Feb. 8.
Marine power plant and method. F. A. Faville. 2,350,598; June 6.
Marine safety light. J. A. Ramsey. 2,361,414; Oct. 31.
Marine safety light. B. B. Rochestie. 2,355,013; Aug. 1.
Marine sound system. R. Villem. 2,347,584; Apr. 25.
Marine vessel. J. Brunt. 2,348,783; May 16.
Marker. H. S. Jonsson. 2,351,519; June 13.
Marker. G. M. Kriegbaum, C. C. Haas, and C. W. Mott, Jr. 2,341,146; Feb. 8.
Marker, Artificial seam. M. McGrew. 2,347,958; May 2.
Marker, Cattle. W. F. Schacht. 2,345,293; Mar. 28.
Marker, Cattle. W. F. Schacht. 2,346,946; Apr. 18.
Marker, Cattle. W. F. Schacht. 2,354,617; July 25.
Marker construction. C. C. Haas. 2,362,693; Nov. 14.
Marker for cylindrical objects. R. W. Redin and S. M. Behar. 2,362,663; Nov. 14.
Marker for seeding machines. W. R. Byers. 2,356,030; Aug. 15.
Marker light. W. A. Pennow. 2,359,151; Sept. 26.
Marker, Potential recording. M. Apstein. 2,352,242; June 27.
Marking composition, Glass. W. F. Goepfert. 2,338,176; Jan. 4.
Marking device. A. C. Nystrom. 2,351,224; June 13.
Marking device for recording cards. T. I. Malmer. 2,356,332; Aug. 22.
Marking die. R. H. Noble. 2,358,822; Sept. 26.
Marking element, Color. M. A. Ferst and C. F. Wysong. 2,355,638; Aug. 15.
Marking gauge. J. O. Matteson. 2,342,155; Feb. 22.
Marking instrument. S. C. Browse. 2,365,802; Dec. 26.
Marking machine. J. E. Ferguson. 2,344,930; Mar. 21.
Marking machine. L. E. Francis and N. I. Fleischer. 2,362,261; Nov. 7.
Marking machine. C. Putnam. 2,342,168; Feb. 22.
Marking machine. L. A. Runton. 2,356,951; Aug. 29.
Marking machine. J. Weimont. 2,357,277; Aug. 29.
Marking machine. R. H. Windham and B. P. Phillipa 2,354,166; July 18.
Marking, Shielded. A. J. Spelker. 2,343,031; Feb. 29.
Marking tool. S. H. Phillips. 2,347,333; Apr. 25.
Masher, Burr. F. D. Dolan. 2,348,283; May 9.
Mask, Dressing. J. Gautreaux. 2,353,025; July 4.
Mask, Face. A. M. S. Diss. 2,355,283; Aug. 8.
Mask, Frost. G. P. Maggi. 2,344,920; Mar. 21.
Mask, Jointed rubber-covered. J. M. Escher. 2,348,335; May 9.
Mask negatives, Producing halftone. A. L. Huttkay. 2,339,482; Jan. 18.
Mask or helmet, Welder's. E. S. Hebeler. 2,343,864; Mar. 14.
Mask, Oxygen. W. M. Boothby and A. H. Bulbulian. 2,348,277; May 9.
Mask, Oxygen. S. A. Morehouse. 2,344,718; Mar. 21.
Mask, Photographic. V. Berry. 2,342,525; Feb. 22.
Mask, Photographic tone correction. R. H. Morris. 2,338,661; Jan. 4.
Mask, Protective. J. H. Fay. 2,351,752; June 20.
Mask structure. J. E. Duggan. 2,341,702; Feb. 15.
Mask structure. J. E. Duggan. 2,358,151; Sept. 12.
Mask structure. J. E. Duggan. 2,359,976-7; Oct 10.
Mask structure. J. E. Duggan. 2,363,842; Nov. 28.
Mask structure. J. E. Duggan. 2,363,844-5; Nov. 28.
Mask structure, Paint. J. E. Duggan. 2,363,841; Nov. 28.
Mask structure, Paint. J. E. Duggan. 2,363,843; Nov. 28.
Mask structure, Paint. J. E. Duggan. 2,363,846; Nov. 28.
Mask, Welder's. F. D. Huntsman. 2,363,461; Nov. 21.
Masking. W. T. Hanson, Jr., and R. M. Evans. 2,360,225; Oct. 10.
Masking apparatus. V. F. Harrington. 2,341,715; Feb. 15.
Masking or screening device for lamps. V. Hartley. 2,358,636; Sept. 19.
Masonry structure. J. R. Hoover. 2,361,205; Oct. 24.
Mass spectrometry, Method and apparatus. R. C. Lawlor. 2,355,658; Aug. 15.
Masses, Preparation of artificial. G. Ganz. 2,355,521; Aug. 8.

Massage instrument. S. R. Ross and J. F. Dare. 2,342,557; Feb. 22.
Massage table. H. D. Niblack. 2,359,933; Oct. 10.
Massaging apparatus. B. P. London. 2,347,327; Apr. 25.
Massaging apparatus. H. O. Peterson. 2,360,975; Oct. 24.
Massive inorganic bodies hydrophobic, Rendering. C. K. Sloan. 2,356,542; Aug. 22.
Mast. E. D. Newkirk. 2,365,900; Dec. 26.
Mast, Portable. F. L. McConnel. 2,351,275; June 13.
Mast, Radio antenna. H. C. Pfaff, Jr. 2,356,085; Aug. 15.
Mast, Retractable. H. N. Ekbom and L. H. Crow. 2,348,225; May 9.
Mast structure and method of erection. H. J. Woolslayer, E. A. Campbell, and C. Jenkins. 2,363,106; Nov. 21.
Master control for electric seismographs. E. J. Shimek. Re. 22,535; Aug. 22.
Master valve lock for servomotors. E. Davis. 2,341,696; Feb. 15.
Mastic composition. E. A. Lasher. 2,344,709; Mar. 21.
Mastic composition and flooring. S. P. Miller. 2,356,870; Aug. 29.
Mat. G. D. Murray and G. N. Allen. 2,363,139; Nov. 21.
Mat, Portable. N. S. Harter. 2,360,674; Oct. 17.
Match and its application to cigarettes and the like, Windproof. L. M. Klein. 2,347,632; May 2.
Match book. L. D. Barros. 2,350,144; May 30.
Match book and emergency ash tray, Combination. C. S. Dement. 2,349,488; May 23.
Match book assemblies, Binding. E. A. Allen. 2,342,236; Feb. 22.
Match book assembling mechanism. M. Spector. 2,365,733; Dec. 26.
Match book holder. C. J. Donovan. 2,353,656; July 18.
Match case. J. P. Gits. 2,356,926; Aug. 29.
Match device. C. R. Morris. 2,350,798; June 6.
Match pack holder. E. R. Buchignani. 2,348,600; May 9.
Match package. N. Hammer. 2,349,093; May 16.
Match packet and making it. R. S. Pullen. 2,344,059; Mar. 14.
Match packet protector. C. C. Comee. 2,341,856; Feb. 15.
Matches and cover, Book. C. H. Macbeth. 2,344,210; Mar. 14.
Material and the manufacture thereof, Water softening. S. Dahl-Rode. 2,346,909; Apr. 18.
Material blending. P. H. Burdett. 2,345,554; Apr. 4.
Material breaking apparatus. F. C. Gedge. 2,350,223; May 30.
Material creasing and indenting apparatus. C. J. Young and M. Solomon. 2,353,982; July 18.
Material diffusing head for container filling machines. H. F. Briggs. 2,360,756; Oct. 17.
Material digging and handling apparatus. S. Grubich. 2,344,246; Mar. 14.
Material dispensing means. L. M. Harvey. 2,339,396; Jan. 18.
Material drying method. C. W. Gordon. 2,350,162; May 30.
Material for charging furnaces. B. Mansfield. 2,344,445; Mar. 14.
Material for feeding and vapor removing mechanism for rotary driers. J. B. Adt. 2,354,567; July 25.
Material for records. H. Mediger. 2,342,679; Feb. 29.
Material forming apparatus. R. F. Mallina. 2,364,989; Dec. 12.
Material handling apparatus. D. C. Croy. 2,346,293; Apr. 11.
Material handling apparatus. R. A. Foresman. 2,344,347; Mar. 14.
Material-handling apparatus. R. A. Foresman. 2,346,068; Apr. 4.
Material-handling apparatus. R. A. Foresman. 2,347,549-50; Apr. 25.
Material handling apparatus. H. S. Keating. 2,365,277; Dec. 19.
Material handling apparatus. J. W. King. 2,353,405; July 11.
Material handling apparatus. R. E. Ljungkull. 2,352,395; June 27.
Material handling apparatus. R. C. Osgood. 2,365,773; Dec. 26.
Material handling apparatus. L. O. Reichelt. 2,339,194; Jan. 11.
Material handling apparatus. W. Ruddock. 2,362,406; Nov. 7.
Material handling apparatus. J. D. Russell and H. Thies. 2,341,815; Feb. 15.
Material handling apparatus. A. A. Saul. 2,363,556; Nov. 28.
Material handling device. W. D. Chilton. 2,340,988; Feb. 8.
Material handling mechanism. H. H. Colson. 2,353,651; July 18.
Material handling mechanism and method. C. T. Walter. 2,358,283; Sept. 12.
Material, Impregnated fibrous. A. B. Miller. 2,346,934; Apr. 18.
Material introducing device, Stabilizing. J. R. Rushmer. 2,357,769; Sept. 5.
Material loading and conveying. R. Peale and R. Peale, Jr. 2,349,914; May 30.
Material loading device. F. Johnson. 2,357,954; Sept. 12.
Material measuring and delivering mechanism. T. F. Stacy. 2,361,432; Oct. 31.
Material moving device. R. and K. Ferwerda. 2,348,796; May 16.
Material, Process and apparatus for separating. J. M. McGee. 2,350,625; June 6.
Material, Saturating felted fibrous. R. F. Schlaanstine. 2,346,947; Apr. 18.
Material spreader. F. E. Arndt. 2,339,609; Jan. 18.
Material spreader. F. E. Arndt. 2,339,667; Jan. 18.
Material straightening apparatus. A. J. N. Duclos. 2,350,274; May 30.
Material treating apparatus. J. Ehret, Jr., and C. W. Maurer. 2,356,837; Aug. 29.
Material unwinding device. A. L. Quinlan. 2,338,539; Jan. 4.
Material working apparatus. W. Schlumpf. 2,339,884; Jan. 25.
Material working apparatus. E. J. Svenson. 2,358,361; Sept. 19.
Material working apparatus. M. L. Svikhart. 2,353,794; July 18.
Material working tool. O. P. Lindberg. 2,355,451; Aug. 8.
Materials and product thereof, Method for reforming. J. E. Harvey, Jr., R. H. White, Jr., and J. A. Vaughan. 2,363,240; Nov. 21.
Materials, Chlorination of polymeric. W. J. R. Evans. 2,352,525; June 27.
Materials, Conversion of. J. E. Harvey, Jr., R. H. White, Jr., and J. A. Vaughan. 2,363,245; Nov. 21.
Materials handling system. G. A. Spalding and M. A Palmer. 2,350,425; June 6.
Materials impermeable to ultra-violet radiations. W. Horback. 2,356,849; Aug. 29.
Materials or mediums, Stirring or circulating molten or liquid. J. S. Gerber and W. D. Redfern. 2,363,582; Nov. 28.
Materials, Processing of. E. L. Wiegand. 2,361,253; Oct. 24.
Materials, Producing valuable. J. E. Harvey, Jr., R. H. White, Jr., and J. A. Vaughan. 2,363,239; Nov. 21.
Materials, Production of useful. J. E. Harvey, Jr. 2,363,237; Nov. 21.
Materials, Separating. R. G. Guthrie and O. J. Wilbor. 2,358,506; Sept. 19.
Materials, Textile. L. H. Bock and A. L. Houk. 2,355,265; Aug. 8.
Maternity support garment. M. R. Schubert. 2,351,296; June 13.
Mathematical instrument, Combination. C. B. Alexander. 2,352,169; June 27.
Mats, Making corrugated rubber. L. H. Lefcourt. 2,340,392; Feb. 1.
Mats, Producing. G. H. Gray. 2,360,416; Oct. 17.
Mattress. J. Martin. 2,359,958; Oct. 10.
Mattress and making the same. H. Bows and A. Iannessa. 2,363,637; Nov. 28.
Mattress and the like and forming the same. H. Karpen and J. P. Riley. 2,359,220; Sept. 26.
Mattress cover. Z. and S. Leader. 2,343,260; Mar. 7.
Mattress, Pneumatic. G. H. Perry. 2,345,421; Mar. 28.
Mattress stapling machine. J. W. Droll. 2,360,115; Oct. 10.
Mattresses, Manufacture of. H. Kibits. 2,345,675; Apr. 4.
Maximum capacity safety valve. E. K. Falls. 2,345,389; Mar. 28.
Maximum demand thermal electric meter. R. O. Hamill. 2,360,223; Oct. 10.
Means and method for preventing the spread of disease. O. A. Kohl. 2,351,686; June 20.
Means for dispensing liquids from cans. C. E. Warfield. 2,350,205; May 30.
Means for vehicle wheels, Antiskid. N. H. Copp. 2,344,972; Mar. 28.
Measure, Butter. K. R. Downer. 2,340,369; Feb. 1.
Measurement, Computing. M. T. Swisher. 2,353,280; July 11.
Measuring. R. Gillis. 2,351,201; June 13.
Measuring and control apparatus. T. R. Harrison. 2,349,963; May 30.
Measuring and control apparatus. H. S. Jones. 2,352,103; June 20.
Measuring and control apparatus. H. S. Jones. 2,355,537; Aug. 8.
Measuring and control apparatus. E. A. Keeler. 2,339,861; Jan. 25.
Measuring and control apparatus. E. A. Keeler. 2,348,177; May 2.
Measuring and control apparatus. E. A. Keeler. 2,349,437; May 23.
Measuring and control apparatus. E. A. Keeler. 2,357,205; Aug. 29.
Measuring and control apparatus. E. A. Keeler. 2,363,336; Nov. 21.
Measuring and control apparatus. E. A. Keeler. 2,364,450; Dec. 5.
Measuring and control system. J. F. Luhrs. 2,343,619; Mar. 7.
Measuring and controlling apparatus. J. F. Luhrs. 2,342,413; Feb. 22.

Measuring and controlling system. J. D. Ryder. 2,363,473; Nov. 21.
Measuring and delivering mechanism. J. E. Stewart. 2,353,276; July 11.
Measuring and dispensing device. M. Pearl. 2,343,024; Feb. 29.
Measuring and filling machine. C. G. Meyers. 2,352,490; June 27.
Measuring and indicating system. M. C. Tate. 2,350,261; May 30.
Measuring apparatus. J. M. Davies and H. A. Schults. 2,345,732; Apr. 4.
Measuring apparatus. K. E. Gould. 2,345,932; Apr. 4.
Measuring apparatus. J. D. Ryder. 2,358,103; Sept. 12.
Measuring apparatus. F. W. Side. 2,364,483; Dec. 5.
Measuring apparatus. E. M. Smith. 2,364,923; Dec. 12.
Measuring apparatus, Depth. M. Schlumberger. 2,361,064; Oct. 24.
Measuring apparatus, Density. J. F. Luhrs. 2,345,272; Mar. 28.
Measuring apparatus, Liquid-level. R. E. Sprenkle. 2,347,637; Apr. 25.
Measuring circuit. J. R. Ford. 2,358,391; Sept. 19.
Measuring composition. C. I. Bradford. 2,350,545. June 6.
Measuring cross talk, Method of and apparatus for. H. H. Beaming. 2,355,776; Aug. 15.
Measuring device. P. H. Burdett, W. S. Reynolds, and J. B. Turner. 2,356,212; Aug. 22.
Measuring device. A. A. Campbell. 2,354,197; July 25.
Measuring device. H. H. Firestone. 2,356,923; Aug. 29.
Measuring device. A. F. Groll. 2,344,508; Mar. 21.
Measuring device. W. D. Hall. 2,353,155; July 11.
Measuring device. A. Mahren. 2,358,462; Sept. 19.
Measuring device. J. Verderber. 2,350,432; June 6.
Measuring device. J. N. Ward. 2,353,799; July 18.
Measuring device. F. W. Whitlock. 2,355,128; Aug. 8.
Measuring device for fabric finishing machines. F. J. Couch. 2,348,330; May 9.
Measuring device for shafts, Torque. B. F. Langer. 2,360,564; Dec. 19.
Measuring device, Mechanical impedance. A. M. Wiggins. 2,356,194; Aug. 8.
Measuring device, Trigger-pull. S. T. Novak. 2,363,547; Nov. 28.
Measuring dispenser. W. H. Radbruch. 2,354,477; July
Measuring earth potentials. H. Blasier. 2,344,672; Mar. 21.
Measuring flow characteristics in liquids, Method of and apparatus for. H. Green. 2,345,968; Apr. 4.
Measuring gauge and making the same. A. J. Mitchell. 2,350,007; Aug. 1.
Measuring instrument. J. A. Caldwell. 2,361,174; Oct. 24.
Measuring instrument. V. Capon. 2,364,127; Dec. 5.
Measuring instrument. A. F. Hasbrook. 2,357,822; Sept. 12.
Measuring instrument. G. Ja Kubiak. 2,361,631; Oct. 31.
Measuring instrument. C. B. Moore. 2,358,243; Sept. 12.
Measuring instrument. J. H. Morehead. 2,363,545; Nov. 28.
Measuring instrument. E. M. Morris. 2,365,353; Dec. 19.
Measuring instrument. F. M. Poole. 2,348,643; May 9.
Measuring instrument. F. W. Side. 2,357,433; Sept. 5.
Measuring instrument. R. Ullman. 2,340,088; Jan. 25.
Measuring instrument. R. Ullman. 2,344,116; Mar. 14.
Measuring instrument. F. J. Vierling. 2,363,165; Nov. 21.
Measuring instrument and method. O. S. Petty. 2,357,356; Sept. 5.
Measuring instrument, Precision. R. Findley and H. L. Fults. 2,353,886; July 18.
Measuring mechanical vibrations, Method of and apparatus for. E. L. Kent. 2,343,063; Feb. 29.
Measuring moisture. L. D. Baver and B. T. Shaw. 2,343,520; Mar. 7.
Measuring pump. E. Dodson. 2,343,962; Mar. 14.
Measuring system. A. S. Norcross. 2,342,685; Feb. 29.
Measuring system. J. Rasek. 2,363,690; Nov. 28.
Measuring system. L. L. Weisglass. 2,353,979; July 18.
Measuring system. A. B. White. 2,363,372; Nov. 21.
Measuring system and circuit. M. S. Burgess. 2,364,190; Dec. 5.
Measuring system including a hydrostatic manometer and an indication translating mechanism. L. B. Winton. 2,247,361; May 2.
Measuring system, Temperature compensated condition. G. Reinath. 2,365,706; Dec. 26.
Measuring system, Vibration. R. C. Olesen. 2,352,219; June 27.
Measuring tape. L. C. Lyle. 2,347,273; Apr. 25.
Measuring thickness, Method and apparatus for. D. G. C. Hare. 2,346,486; Apr. 11.
Measuring thickness, Method and apparatus for. G. Herzog and J. H. Stein. 2,349,429; May 23.
Measuring viscosity. O. R. Simmons. 2,343,030; Feb. 29.
Meat, Method of and apparatus for slicing. C. V. Rupin. 2,349,465; May 23.
Meat mold. D. L. Tichenor. 2,350,427; June 6.
Meat process. E. L. Piret and E. C. Ritchell. 2,346,232; Apr. 11.
Meat process and product. C. H. Hills and H. O. Halvorson. 2,351,614; June 20.
Meat products, Canning. L. B. Jensen and W. R. Hess. 2,362,441; Nov. 14.
Meat products, Preparing. W. W. Bowers. 2,352,611; July 4.
Meat slitting machine. J. P. Spang. 2,360,728; Oct. 17.
Meat tendering machine. H. Stukart. 2,339,890; Jan. 25.
Meat treating machine. J. P. Spang. 2,360,729; Oct. 17.
Mechanical adjuster. F. C. Deal. 2,350,155; May 30.
Mechanical adjustment means. H. Ulanet. 2,358,271; Jan. 4.
Mechanical amusement device. H. J. Kimmel. 2,346,221; Apr. 11.
Mechanical device. J. S. Sharpe. 2,343,333; Mar. 7.
Mechanical hand for artificial arms. E. C. Jarrett. 2,347,909; May 2.
Mechanical interlock apparatus. C. S. Kelley. 2,358,643; Sept. 19.
Mechanical limit stop. H. W. Link. 2,356,861; Aug. 29.
Mechanical loading and conveying of loose material. T. G. Nyborg. 2,362,844; Nov. 14.
Mechanical motion. R. Pash. 2,335,533; Jan. 4.
Mechanical movement. J. G. Baker. 2,350,334; June 6.
Mechanical movement. R. T. Bedard. 2,351,389; June 13.
Mechanical movement. E. W. Christy and W. S. Dickson. 2,339,978; Jan. 25.
Mechanical movement. E. G. Dougherty. 2,364,429; Dec. 5.
Mechanical movement. L. Robbins. 2,358,595; Sept. 19.
Mechanical movement. H. L. Rose. 2,343,244; Mar. 7.
Mechanical movement. J. S. Sharpe. 2,343,334; Mar. 7.
Mechanical paintbrush cleaner. C. J. Wikstен. 2,354,898; Aug. 1.
Mechanical pencil and making same. F. C. Dell. 2,356,509; Aug. 22.
Mechanical relay mechanism. B. G. Horstmann. 2,341,989; Feb. 15.
Mechanical scanning device for television and remote control. J. W. Rowell. 2,343,931; Mar. 14.
Mechanical wave filter. W. P. Mason. 2,342,813; Feb. 29.
Mechanism for actuating machine tool supports. G. A. Wahlmark. 2,344,432; Mar. 14.
Mechanism for assembling sliders. B. P. Lawson. 2,354,690; Aug. 1.
Mechanism for charging containers. R. Spurr. 2,353,519; July 11.
Mechanism for coiling sheet material. E. W. Allardt. 2,351,894; June 20.
Mechanism for coloring address plates. J. H. Gibbs. 2,349,163; May 16.
Mechanism for cutting and looping springs. C. G. Hicks. Re. 22,567; Nov. 21.
Mechanism for digging trenches. F. A. Engel and D. J. Manning. 2,360,334; Oct. 17.
Mechanism for dispensing cups or the like. C. B. Terry and S. I. Johnson. 2,365,916; Dec. 26.
Mechanism for dispensing powdered materials. W. J. Dobkin. 2,358,913; Sept. 26.
Mechanism for drawing wire. E. J. McIlvried. 2,353,576; July 11.
Mechanism for edible nuts, Scoring. D. W. Tackett. 2,359,947; Oct. 10.
Mechanism for extruding moist clay and the like. S. C. Lyons and D. H. Young. 2,356,862; Aug. 29.
Mechanism for floating tank roofs, Antirotational. J. H. Wiggins. 2,350,483; June 6.
Mechanism for grinding. M. H. Arms. 2,364,120; Dec. 5.
Mechanism for handling closure blanks. J. Belada. 2,346,549; Apr. 11.
Mechanism for handling molten metal. L. M. Beckes. 2,364,615; Dec. 12.
Mechanism for holding umbrella cover tips in stitching position. M. M. Cohn. 2,362,452; Nov. 14.
Mechanism for interconvention of reciprocation and rotation. E. S. Hall. 2,357,735; Sept. 5.
Mechanism for making bunch charges. J. W. Giles and W. J. Giles. 2,339,563; Jan. 18.
Mechanism for registering printing plates. W. K. Eckhard and E. W. Goodwin. 2,339,467; Jan. 18.
Mechanism for removing cuttings from the kerf cutter of mining machines. R. K. Jeffrey. 2,359,422; Oct. 3.
Mechanism for removing welding burrs. C. R. Babb. 2,354,289; July 25.
Mechanism for reversing necktie forms. M. M. Newman. 2,340,420; Feb. 1.
Mechanism for rolling wire. A. G. Natzke. 2,356,783; Aug. 29.
Mechanism for sewing machines, Take-up. D. A. Graesser. 2,358,493; Sept. 19.
Mechanism for shaping sheet metal. C. M. Yoder. 2,352,675; July 4.
Mechanism for supplying yarn and thread to the needles of knitting machines. T. C. Bromley and A. Shortland. 2,348,598; May 9.
Mechanism for synchronizing power units. A. L. Armentrout. 2,349,333; May 23.

Mechanism for the conversion of motion according to one law into motion according to another law. J. M. Strang and I. C. M. Bell. 2,364,174; Dec. 5.
Mechanism for treating freshly printed webs. C. Holsinger. 2,345,874; Apr. 4.
Mechanism for twisting together a plurality of strands. R. J. Clarkson. 2,343,535; Mar. 7.
Mechanism for use in computing apparatus. A. Svoboda. 2,340,350; Feb. 1.
Mechanism for waxing thread. A. Burgeni and R. L. Keown. 2,344,079; Mar. 14.
Mechanism for window sashes, Adjusting. A. B. Brown. 2,353,217; July 11.
Mechanism, Preselecting. K. D. Bull. 2,345,726; Apr. 4.
Mechanism to increase the efficiency of engines. J. H. Trahin. 2,350,203; May 30.
Medicament compositions and preparing same. R. B. Goodrich. 2,365,694; Dec. 26.
Medicine dropper. W. P. Gruetter. 2,358,159; Sept. 12.
Medium for use in making camera copies and preparing same. M. D. McIntosh. 2,355,884; Aug. 15.
Megaphone. R. A. Brown. 2,346,818; Apr. 18.
Melamine, Preparing. D. W. Jayne, Jr., and H. M. Day. 2,341,180; Feb. 8.
Melba toast, Making. B. S. Tatosian. 2,349,582; May 23.
Members, Fitting of. O. L. Starr. 2,349,919; May 30.
Members for use in drafting units, Making endless. J. Rockoff. 2,342,556; Feb. 22.
Membrane, Pressure sealing. G. Schieman. 2,364,875; Dec. 12.
Memorandum appliance. J. C. S. Branson. 2,356,646; Aug. 22.
Memorizer. G. Carolin. 2,357,082; Aug. 29.
Mercaptan modified polymeric derivatives of non-benzenoid acetylene polymers and making same. A. M. Collins. 2,351,108; June 13.
Mercaptan, Unsaturated. M. de Simó and J. J. O'Connor 2,346,102; Apr. 4.
Mercaptans from hydrocarbon oil, Removing. G. W. Ayers and L. M. Henderson. 2,360,537; Oct. 17.
Mercaptans, Preparation of. C. M. Hull. 2,351,763; June 20.
Mercaptans, Purification of. W. L. Semon. 2,355,335; Aug. 8.
Mercapto-phthalocyanines. N. H. Haddock. 2,342,662; Feb. 29.
Mercaptothiazoles with ammonia derivatives and product produced thereby, Treating. E. L. Carr. 2,354,427; July 25.
Mercaptothiazoles, Purification of. H. P. Roberts. 2,349,598; May 23.
Mercaptothiazolines, Manufacture of. R. A. Mathes. 2,348,917; May 16.
Mercerising assistant. H. Robinette, Jr. 2,352,409; June 27.
Merchandise and premium vending machine. T. E. Stair. 2,361,977; Nov. 7.
Merchandise container. R. Guyer. 2,350,163; May 30.
Merchandise conveying system for self-help stores. A. W. Delucchi and H. A. Stagnaro. 2,355,706; Aug. 15.
Merchandise conveyor. J. K. Bruce. 2,346,659; Apr. 18
Merchandise display and holding fixture. D. Garfinkle. 2,350,028; May 30.
Merchandise display stand, Collapsible. A. Barron. 2,338,567; Jan. 4.
Merchandise packaging. E. M. Brogden and R. R. Brogden. 2,351,596; June 20.
Merchandising system, Rotary display. R. L. Floyd. 2,338,324; Jan. 4.
Merchandise wrapping. W. L. Topolski. 2,360,597; Oct 17.
Mercury ampere-hour meter. A. F. H. Poncet. 2,356,613; Aug. 22.
Mercury-detecting method and apparatus. P. H. Brace. 2,345,090; Mar. 28.
Mercury interrupter and transformer, Combined. T. Aamodt. 2,342,781; Feb. 29.
Mercury switch. V. L. Finisio. 2,343,653; Mar. 7.
Mercury switch. M. W. Griffes. 2,365,634; Dec. 19.
Message tabulating apparatus and system. L. M. Potts. 2,341,568; Feb. 15.
Meta-cresol, Isolation of. K. H. Engel. 2,339,388; Jan. 18.
Metahydroxybenzylmethylcarbinamines and medicinal preparations comprising the same. G. A. Alles. 2,361,373; Oct. 31.
Metal arch support. W. D. Moore. 2,362,497; Nov. 14.
Metal article, Lined. H. R. Austin. 2,347,070; Apr. 18.
Metal articles, Cleaning ferrous. J. J. Caugherty. 2,338,165; Jan. 4.
Metal articles, Coating. P. P. Alexander. 2,351,798; June 20.
Metal articles, Forming sheet. D. W. Thomas. 2,348,663; May 9.
Metal articles, Making composite. W. A. Wissler and W. B. Miller. 2,341,006; Feb. 8.
Metal articles, Method and apparatus for the production of cylindrical. C. H. Moore. 2,348,179; May 2.
Metal bands to articles of manufacture, Applying. H. A. Bondeson. 2,353,008; July 4.
Metal bar stock, Manufacturing. W. J. Wrighton and T. C. Jarrett. 2,360,185; Oct. 10.
Metal boring tool. E. Gairing. 2,359,474; Oct. 3.
Metal car seal. W. G. Newton. 2,350,471; June 6.
Metal casing discharge device. D. E. Marshall and W. J. Knochel. 2,349,363; May 23.
Metal casting molds, Inserts for. E. H. Mebs. 2,359,234; Sept. 26.
Metal catalysis, Suppression of. J. A. Chenicek. 2,346,662-3; Apr. 18.
Metal clad switch. R. P. Mattern. 2,342,354; Feb. 22.
Metal-cladding. B. Ronay. 2,361,962; Nov. 7.
Metal clamp. L. A. Burrows and J. B. Loe. 2,348,326; May 9.
Metal cleaning compositions. L. McDonald. 2,362,284; Nov. 7.
Metal-cleaning process and composition. H. N. Gilbert. 2,353,026; July 4.
Metal, Coated. F. J. Soday. 2,353,198; July 11.
Metal combinations of alloys, Producing. D. Gardner. 2,353,612; July 11.
Metal composition. F. R. Hensel and E. I. Larsen. 2,358,326; Sept. 19.
Metal compositions, Manufacturing hard. P. Schwarzkopf. 2,356,009; Aug. 15.
Metal compound of thiuram-disulphides and its manufacture, Heavy. P. Müller. 2,342,481; Feb. 22.
Metal container. A. and E. A. Calleson. 2,338,094; Jan. 4.
Metal cutter. C. L. Beard. 2,348,876; May 16.
Metal-cutting tool. B. R. Purvin. 2,356,796; Aug. 29.
Metal cutting tools, Making. F. W. Curtis. 2,361,995; Nov. 7.
Metal cyanates, Recovery of alkali. H. R. Neumark. 2,345,826; Apr. 4.
Metal deactivator. H. D. Burnham and F. T. Weiss 2,352,164; June 27.
Metal deactivator. F. T. Weiss and V. Anastasoff. 2,352,462; June 27.
Metal door. A. S. Kos, G. T. Gerlach and P. Altman. 2,349,907; May 30.
Metal door construction. J. F. Peelle. 2,349,195; May 16.
Metal doorway, Prefabricated. C. I. Auten. 2,356,730; Aug. 29.
Metal drawing, Device for. P. E. Flowers. 2,354,005; July 18.
Metal drawing die. H. G. Keshian. 2,350,465; June 6.
Metal drawing process. B. F. Butler and E. A. Hirdler. 2,350,491; June 6.
Metal, Electrodeposition. J. R. Stack. 2,356,897; Aug. 29.
Metal element and making same, Composite. K. M. Glesser and R. P. Koehring. 2,359,361; Oct. 3.
Metal envelope radio tube. C. Herzog. 2,343,457; Mar. 7.
Metal flux, Light. M. A. Miller. 2,357,125; Aug. 29.
Metal-forming apparatus. G. Stuhlfauth. 2,353,857; July 18.
Metal from metal bodies, Removing. W. S. Walker and W. J. Jacobsson. 2,347,758; May 2.
Metal ingots and apparatus therefor, Casting. J. T. Scully and G. H. Wyckoff. 2,340,493; Feb. 1.
Metal, Making porous. R. G. Olt. 2,341,739; Feb. 15.
Metal, Method and apparatus for continuously casting. R. B. Porter. 2,338,781; Jan. 11.
Metal molds, Cooling. H. E. McWane. 2,344,363; Mar. 14.
Metal parts by thermo-tension, Securing. O. Fiedler. 2,358,498; Sept. 19.
Metal parts, Preparing and welding. A. W. Priebe. 2,363,990; Nov. 28.
Metal pipe. R. Wiederkehr. 2,341,066; Feb. 8.
Metal plate construction. R. Paulsen. 2,353,260; July 11.
Metal plating. M. Weiss. 2,355,933; Aug. 15.
Metal powders, Producing. J. Wulff. 2,361,443; Oct. 31.
Metal products, Process and installation for the manufacture of shaped. R. Mautsch. 2,352,443; June 27.
Metal refining process. N. D. Clare. 2,342,102; Feb. 22.
Metal ribbon, Producing getter and formed. C. Herzog and P. A. Hauck. 2,339,072; Jan. 11.
Metal rings to paper bottles, Attaching. W. and H. H. Pelzer. 2,356,470; Aug. 22.
Metal rolling. F. B. Crosby. 2,340,646; Feb. 1.
Metal-scouring machines, Scoring chamber for. C. A. Dreisbach. 2,351,671; June 20.
Metal sections, Apparatus for detwisting. N. C. Lake. 2,346,438; Apr. 11.
Metal, Shaping. R. V. Proctor. 2,343,082; Feb. 29.
Metal sheets, Method and apparatus for grinding or polishing. T. J. Masse. 2,360,504; Oct. 17.
Metal spray gun. A. P. Shepard. 2,340,903; Feb. 8.
Metal strain relief. G. P. Schwabacher. 2,340,703; Feb. 1.
Metal strip, Processing of. G. P. Wilson. 2,349,569; May 23.
Metal strip, Treating. G. M. Croft. 2,359,088; Sept. 26.
Metal sulphides, Production of alkali. R. S. Robinson. 2,344,001; Mar. 14.
Metal surfaces from corrosion, Protection of. R. F. Denington. 2,359,407; Oct. 3.
Metal treating machine, Automatic. A. Szabo, Jr. 2,355,249; Aug. 8.
Metal treatment. R. C. Gibson. 2,351,605; June 20.
Metal trimming. C. Sarulla. 2,350,535; June 6.
Metal tube bending machine. F. L. Duer. 2,357,812; Sept. 12.

Metal tubing bending machine. F. L. Duer. 2,341,178; Feb. 8.
Metal walkway and producing same, Reticulated. A. W. Nelson. 2,338,197; Jan. 4.
Metal walkway and producing the same, Reticulated. A. W. Nelson. 2,350,412; June 6.
Metal wheel disks, Forming pressed. F. H. Le Jeune. 2,349,738; May 23.
Metal-working apparatus. M. Asimow, W. F. Craig, Jr., and P. Gravenstretter. 2,360,639; Oct. 17.
Metalworking apparatus. J. D. Buchanan. 2,353,874; July 18.
Metalworking device. V. E. Robbins. 2,352,009; June 20.
Metalworking machine. M. H. Arms. 2,360,462; Oct. 17.
Metalworking machine. O. J. Bratz. 2,347,875; May 2.
Metalworking machine. D. W. Grimes. 2,364,631; Dec. 12.
Metalworking machine. C. C. Grotnes. 2,352,095; June 20.
Metalworking machine. W. P. Hill. 2,349,168; May 16.
Metalworking machine. J. J. McGlone and R. I. Anderson 2,364,734–6; Dec. 12.
Metalworking machine. A. L. Parker. 2,350,065; May 30.
Metal working machine, Automatic. N. B. Smith. 2,340,906; Oct. 24.
Metalworking machinery. D. E. Mills, W. H. H. Drake, and H. E. Laubach. 2,353,580; July 11.
Metallic articles, Coating. M. R. Gilbert. 2,341,513; Feb. 15.
Metallic articles, Making chambered. E. B. Ellis. 2,341,860; Feb. 15.
Metallic bar, Cold-working. G. G. Greulich. 2,347,904; May 2.
Metallic blasting and abrasive material. F. B. Rote. 2,342,310; Nov. 7.
Metallic bodies, Serrating. J. Dusevoir. 2,362,364; Nov. 7.
Metallic brake material. E. E. Hood. 2,361,031; Oct. 24.
Metallic coating alloy. A. J. Mauger and A. H. Ward. 2,340,784; Oct. 17.
Metallic composition and abrading tool of said composition. J. T. Kelleher. 2,349,825; May 30.
Metallic deposit on the surface of objects, Forming bright. M. Tischer. 2,355,186; Aug. 8.
Metallic element for reinforcing concrete. W. J. M. Haines. 2,355,156; Aug. 8.
Metallic gland. J. Mercier. 2,350,123; May 30.
Metallic leaf. D. D. Swift. 2,364,674; Dec. 12.
Metallic packing. J. Driscoll and W. M. DeWitt, Sr. 2,353,226; July 11.
Metallic partition. D. L. Paulding. 2,342,297; Feb. 22.
Metallic paste pigment. L. J. Mitchell. 2,353,058; July 4.
Metallic products of sheetlike form, Making. J. M. Merle. 2,348,178; May 2.
Metallic salt dispersing and emulsifying agents, Obtaining detergent, wetting, foaming. J. P. A. Vallernaud. 2,350,000; May 30.
Metallic skin covering to airfoils or the like, Applying. M. Watter. 2,342,025; Feb. 15.
Metallic soap composition. F. J. Licata and J. Nothum. 2,350,688; June 6.
Metallic soaps, Treatment of fabrics with. H. Schiller. 2,364,391; Dec. 5.
Metallic structure. W. S. Lachman. 2,338,444; Jan. 4.
Metallic structure, Channeled. J. R. Tench. 2,338,467; Jan. 4.
Metalliking, Device for. W. Dorn and E. Munk. 2,341,603; Feb. 15.
Metallo-organic compound and preparing some. G. H. Denison, Jr., and A. C. Ettling. 2,349,798; May 30.
Metallurgical apparatus. L. W. Bahney and A. H. Hoswell. 2,360,605; Oct. 17.
Metallurgical apparatus. W. E. Moore. 2,355,095; Aug. 8.
Metallurgical furnace. H. S. Cooper. 2,351,489; June 13.
Metallurgical furnace. G. L. Dow, C. R. Fon Dersmith, and A. R. Wangaman. 2,360,855; Oct. 24.
Metallurgical method and apparatus. H. Heuer. 2,352,321; June 27.
Metallurgical methods, Powder. I. Rennerfelt. 2,362,772; Nov 14.
Metallurgy. M. J. Udy. 2,362,512; Nov. 14.
Metallurgy, Powder. G. D. Cremer. 2,342,037; Feb. 15.
Metallurgy, Zinc. A. L. J. Queneau. 2,342,368; Feb. 22.
Metals and other substances in fusion, Chemically purifying and refining. J. M. Merle. 2,355,865; Aug. 15.
Metals, Bonding. A. Longoria. 2,358,090; Sept. 12.
Metals, Cathodic treatment of. J. Frasch. 2,356,575; Aug. 22.
Metals, Coating. W. T. Pearce. 2,362,397; Nov. 7.
Metals, Continuous casting of. H. W. Spooner. 2,353,013; Aug. 15.
Metals from steel slags, Recovering. P. E. Cavanagh. 2,350,725; June 6.
Metals, Fusion joining of. M. A. Miller. 2,342,357; Feb. 22.
Metals or alloys, Separating impurities from. B. Blumenthal. 2,348,719; May 16.
Metals, Preventing tarnishing of. F. J. Sowa. 2,339,200; Jan. 11.
Metals, Purifying. B. Perrin. 2,356,529; Aug. 22.
Metals, Quenching of. C. G. zur Horst, B. B. Wescott, and L. W. Vollmer. 2,340,724–6; Feb. 1.
Metals to a powder, Reduction of. A. W. Ferguson. Re. 22,494; June 13.
Metamethoxybenzylmethylcarbinamines and medicinal preparations comprising the same. G. A. Alles. 2,361,372; Oct. 31.
Meteorological apparatus. I. E. McCabe. 2,355,739; Aug. 15.
Meter: *See*—

Air-speed meter.	Liquid meter.
Automatic meter.	Maximum demand thermal electric meter.
Automatic parking meter.	Mercury ampere-hour meter.
Batch meter.	Optical exposure meter.
Compensated displacement meter.	Oxygen meter.
Concrete consistency meter.	Parking meter.
Electric meter.	Peak demand meter.
Electrical meter.	Plural parking space meter.
Exposure meter.	Polyphase meter.
Flow meter.	Power meter.
Fluid meter.	Ratio meter.
Frequency meter.	Slope meter.
Gas meter.	Visual exposure meter.
Gravity meter.	Volt-ampere meter.
High-pressure meter.	Watt-hour meter.
Hydrogen ion meter.	Wave meter.
Lightningproof watt-hour meter.	

Meter and control therefor, Demand. E. N. Goodman. 2,363,958; Nov. 28.
Meter and relay for telecommunication systems, Service. G. Deakin. 2,346,910; Apr. 18.
Meter and the like, Fluid-flow. C. L. Stokoe. 2,359,592; Oct. 3.
Meter apparatus, Pressure responsive. C. F. Wallace. 2,361,723; Oct. 31.
Meter box. W. F. Dean and F. M. Brooks. 2,350,018; May 30.
Meter for indicating use of respirator filter canisters, Resettable. W. E. McCormick. 2,346,037; Apr. 4.
Meter mounting. A. A. Young. 2,345,084; Mar. 28.
Meter mounting. A. A. Young. 2,349,645; May 23.
Meter, Rate-of-turn. P. A. Noxon. 2,351,629; June 20.
Meter reading apparatus, Automatic. W. Leathers. 2,350,405; June 6.
Meter register. T. D. Barnes. 2,365,510; Dec. 19.
Meter system. F. G. Kelly. 2,362,562; Nov. 14.
Metering and conveying system. E. P. Drake, F. J. Alberty and W. H. Kaglan. 2,350,020; May 30.
Metering device. B. G. Carlson and G. Tyler. 2,354,244; July 25.
Metering device for screw feeds. J. Roland. 2,343,707; Mar. 7.
Metering device for X-ray apparatus. E. B. Graves. 2,355,068; Aug. 8.
Metering pump. K. W. Crossman. 2,363,119; Nov. 21.
Metering valve. C. M. Williams. 2,358,040; Sept. 12.
Metering valve, Manually settable three-positioning. R. W. Johnson. 2,359,992; Oct. 10.
Methacrylates, Production of. E. L. Kropa. 2,360,880; Oct. 24.
Method and apparatus for casting diamond studded tools. R. G. Wilson. 2,340,785; Feb. 1.
Method and apparatus for detecting defects in filled cans. R. O. Hennsey and P. Smart. 2,339,638; Jan. 18.
Method and apparatus for detecting hydrocarbons. R. L. Doan. 2,362,805; Nov. 14.
Method and apparatus for embossing plastic sheet material. V. H. Hurt. 2,354,916; Aug. 1.
Method and apparatus for forming composite metal articles. W. Brown. 2,339,141; Jan. 11.
Method and apparatus for making tubular articles. J. N. Whitehouse. 2,339,211; Jan. 11.
Method and apparatus for manufacture of electron tubes and the like. P. Haas and R. G. Bennett. 2,338,507; Jan. 4.
Method and apparatus for processing food products. G. T. Reich. 2,353,784; July 18.
Method and apparatus for proportioning. A. O. Beckman. 2,351,579; June 20.
Method and apparatus for proportioning. A. O. Beckman. 2,351,580; June 20.
Method and apparatus for pumping volatile liquids with rotary elements. O. A. Hansen. 2,340,747; Feb. 1.
Method and apparatus for seasoning electric lamps or similar lamps. S. R. Bade and W. H. Dawson. 2,338,840; Jan. 11.
Method and apparatus for sound analysis. A. E. Traver and C. E. Habermann. 2,340,714; Feb. 1.
Method and apparatus for spreading tubular fabrics. S. and J. Cohn, and J. G. Walter. 2,339,151; Jan. 11.
Method and apparatus for treating rubber articles prior to vulcanization. B. F. McGovern. 2,362,653; Nov. 14.
Method and apparatus for upsetting pipe ends. S. and A. Westin. 2,340,784; Feb. 1.
Method and device for measuring the thickness of light transmitting layers. H. Straub. 2,338,981; Jan. 11.
Method and machine for knitting. O. Fregeolle. 2,361,280; Oct. 24.

Method and machine for making capsules. R. E. Moule. 2,339,286; Jan. 18.
Method and machine for making tubes. E. C. Crowley. 2,339,299; Jan. 11.
Method of and apparatus for controlling spooling motors. W. Berthold and W. W. Rea. 2,353,639; July 18.
Method of and apparatus for forming hollow glassware. T. Waugh. 2,340,782; Feb. 1.
Method of and apparatus for making airplane propelled blades. A. C. Davidson. 2,362,745; Nov. 14.
Method of and apparatus for measuring and testing the tend point of volatile liquids. W. M. Mercer. 2,339,026; Jan. 11.
Method of and apparatus for producing glass fibers. G. von Pazsicsky. 2,338,473; Jan. 4.
Method of and apparatus for taping articles. E. Klug. 2,343,148; Feb. 29.
Method of manufacture. L. L. Kurtz. 2,357,407; Sept. 5.
Method of packaging wrapping and sealing. M. J. Milmoe and C. J. Malhiot. 2,340,836; Feb. 1.
Methyl methacrylate, Purification of. B. M. Marks. 2,341,282; Feb. 8.
Methyl pyridines suitable for conversion into nicotine derivatives, Preparing. P. J. Wilson, Jr., and J. H. Wells. 2,349,896; May 30.
Methyl styrene, Purifying. C. W. Jordan. 2,363,676; Nov. 28.
$MgCl_2$, Manufacture of. G. G. Day. 2,359,829; Oct. 10.
Mica insulation, Constructing or building bonded laminated. W. R. Mansfield and F. C. Hughes. 2,341,637; Feb. 15.
Mica, Processing. H. B. Barlett. 2,344,670; Mar. 21.
Micro boring and turning device. C. M. Kouba. 2,349,503; May 23.
Microfeed for heavy machine tools. J. M. Walter. 2,354,413; July 25.
Micromatic precision tool holder. J. V. Jennings. 2,360,137; Oct. 10.
Micrometer. H. V. Alexandersson and C.-E. Granqvist. 2,349,838; May 30.
Micrometer. W. H. Coward. 2,344,498; Mar. 21.
Micrometer. I. D. Rosenberg. 2,339,031; Jan. 11.
Micrometer caliper. F. V. Adams. 2,357,066; Aug. 29.
Micrometer control. G. A. Bate. 2,342,830; Feb. 29.
Micrometer gauge. E. C. Horton and A. Rappl. 2,362,203; Nov. 7.
Micrometer height gauge. A. W. Jarosz. 2,344,878; Mar. 21.
Micrometer, Inside. J. F. Rondinone. 2,357,689; Sept. 5.
Micrometer master gauge. J. R. Frederick. 2,345,591; Apr. 4.
Micrometer, Multiple. E. L. Kellan. 2,357,898; Sept. 12.
Micrometer plug gauge. H. G. Volis. 2,361,336; Oct. 24.
Micrometer tolerance indicator. W. J. Drucker. 2,356,037; Aug. 15.
Micromill. D. B. Pall. 2,338,198; Jan. 4.
Microphone. L. J. Anderson. 2,352,305; June 27.
Microphone. F. C. Beekley. 2,350,010; May 30.
Microphone. R. W. Carlisle. 2,351,400; June 13.
Microphone. H. F. Olson. 2,348,356; May 9.
Microphone, Carbon. A. Ueberschuss. 2,345,078; Mar. 28.
Microphone device. E. W. Rogers. 2,361,656; Oct. 31.
Microphone for conduits. L. C. Converse. 2,361,458; Oct. 31.
Microphone phase compensator. R. Villem. 2,344,431; Mar. 14.
Microphone, Throat. H. H. Stanley. 2,340,777; Feb. 1.
Microphotometer. G. Hansen. 2,341,098; Feb. 8.
Microscope. A. A. Gradisar and G. E. Guellich. 2,360,221; Oct. 10.
Microscope. H. N. Ott. 2,360,268; Oct. 10.
Microscope. H. N. Ott. 2,363,080; Nov. 21.
Microscope. E. O. Roeder. 2,365,594; Dec. 19.
Microscope, Electron. J. Hillier. 2,354,263; July 25.
Microscope, Electron. S. Ramo. 2,363,359; Nov. 21.
Microscope, Electronic. M. von Ardenne. 2,356,633; Aug. 22.
Microscope, Electronic. B. von Borries, H. O. Müller, and E. Ruska. 2,356,551; Aug. 22.
Microscope, Folding. A. King. 2,352,719; July 4.
Microscope illuminator. J. R. Benford. 2,357,378; Sept. 5.
Microscope viewing chamber, Electron. C. J. Young. 2,356,963; Aug. 29.
Microscopic slide. W. H. Oliver, Jr. 2,351,282; June 13.
Migratory stabiliser for beehives. F. W. Haack. 2,358,160; Sept. 12.
Milk bottle carrier. P. E. Fearon. 2,363,950; Nov. 28.
Milk bottle cream dispenser. E. C. Steffens. 2,353,521; July 11.
Milk bottle holder. S. Maurer. 2,344,715; Mar. 21.
Milk can. J. N. Palmer. 2,340,486; Feb. 1.
Milk cans, Remodeling. J. A. Hopwood. 2,354,995; Aug. 1.
Milk cooler. R. Markley, Jr. 2,364,154; Dec. 5.
Milk cooler. C. A. Thomas. 2,365,024; Dec. 12.
Milk, Packaging. J. M. Hothersall. 2,355,073; Aug. 8.
Milk pail handle. L. T. Conde. 2,343,749; Mar. 7.
Milk powders, Packaging spray dried. H. Shipstead and A. P. Brant. 2,363,445; Nov. 21.
Milk products and making the same. L. A. Baumann. 2,360,033; Oct. 10.
Milk protein gel dessert and producing the same. L. J. Huber and L. H. Evans. 2,344,090; Mar. 14.
Milk, Soft-curd. B. Spur. 2,343,713; Mar. 7.
Milk, Treating. M. E. Hull. 2,346,844; Apr. 18.
Milk tube. W. A. Scott. 2,341,953; Feb. 15.
Milkweed, Method of ginning. B. Berkman. 2,362,965; Nov. 21.
Milking apparatus. T. H. and W. B. Kirk. 2,345,819; Apr. 4.
Milking apparatus. J. A. Schmitt. 2,361,970; Nov. 7.
Milking apparatus. J. A. Schmitt and L. F. Bender. 2,340,297; Feb. 1.
Milking apparatus. C. E. Sunderland. 2,358,037; Sept. 12.
Milking machine. L. T. Conde. 2,340,454; Feb. 1.
Milking machine. O. R. Frost. 2,350,602; June 6.
Milking machine. W. O. Gruenewald. 2,341,142; Feb. 8.
Milking machine. L. A. Hubert. 2,359,914; Oct. 10.
Milking machines, Portable. B. H. Anderson. 2,357,373; Sept. 5.
Mill: *See*—

Attrition mill.	Reduction mill.
Beet drill and seed mill.	Rolling mill.
Cross rolling mill.	Roughage and hammer mill.
Densifying mill.	Spatula mill.
Extrusion mill.	Sugar cane mill.
Flour mill.	Rolling mill.
Fulling mill.	Tube mill.
Grinding mill.	Tumbling mill.
Hammer mill.	Vibrating mill.
Ore mill.	Wet grind ball mill.
Pulverising mill.	

Mill discharge, Grinding. S. L. Miller. 2,344,162; Mar. 14.
Mill, Dispersion. F. A. Sullivan. 2,362,035; Nov. 7.
Mill scale settling tank. E. A. Koenig. 2,355,305; Aug. 8.
Miller for detachable rock drill bits, Hot. W. J. Moerlin. 2,348,992; May 16.
Milliampere seconds timer. L. L. Weisglass. 2,353,980; July 18.
Milling. A. G. Schurman. 2,364,101; Dec. 5.
Milling and grinding machine, Shaft. O. D. Premo. 2,355,750; Aug. 15.
Milling attachment, Universal. W. Brauer. 2,361,171; Oct. 24.
Milling cutter. E. F. Aber. 2,344,954; Mar. 28.
Milling cutter. E. F. Aber. 2,346,343; Apr. 11.
Milling cutter. J. H. Grayson. 2,350,974; June 6.
Milling, drilling, and boring machine of the floor type, Horizontal. J. M. Walter. 2,354,414; July 25.
Milling machine. J. B. Armitage. 2,342,829; Feb. 29.
Milling machine. J. B. Armitage and H. W. Bartholomew. 2,340,210; Jan. 25.
Milling machine. L. H. Blood and H. Ernst. 2,365,043; Dec. 12.
Milling machine. A. B. Bok. 2,359,295; Oct. 3.
Milling machine. D. Clausen. 2,363,831; Nov. 28.
Milling machine. W. F. Fischer and A. F. Fischer. 2,339,630; Jan. 18.
Milling machine. F. A. Hassman. 2,365,075; Dec. 12.
Milling machine. A. R. Johnson. 2,338,116; Jan. 4.
Milling machine. H. J. Leisner and H. C. Sheaffer. 2,350,406; June 6.
Milling machine. N. M. Marsilius. 2,353,480; July 11.
Milling machine. J. H. Richards. 2,349,004; May 16.
Milling machine. A. A. Schwartz and L. F. Maurer. 2,341,194; Feb. 8.
Milling machine attachment. E. J. Matejcik and W. J. Peppers. 2,352,110; June 20.
Milling machine attachment, All-angle. J. H. Richards. 2,349,199; May 16.
Milling machine cutter. E. F. Aber. 2,344,955; Mar. 28.
Milling machine, Molding sand. H. L. Burg. 2,345,457; Mar. 28.
Milling machine transmission and control mechanism. R. K. Le Blond and H. C. Kemper. 2,338,121; Jan. 4.
Milling rubber. C. H. Campbell. 2,359,354; Oct. 3.
Milling tool. G. J. Barrett. 2,353,284; July 11.
Milling tool. F. Kinnbach. 2,360,425; Oct. 17.
Mimeographer. B. Gold. 2,346,023; Apr. 4.
Mine. J. P. Le Gore and F. Brandt. 2,358,403; Sept. 19.
Mine. A. Ronning. 2,352,226; June 27.
Mine car. R. A. Shields. 2,343,876; Mar. 1.
Mine car coupling. L. E. Turner. 2,338,883; Jan. 11.
Mine car, Drop-bottom. T. M. Cate and R. E. Jones. 2,362,986; Nov. 21.
Mine, Floating. P. J. M. R. Delalande. 2,362,192; Nov. 7.
Mine hoist control. J. E. Borland. 2,351,911; June 20.
Mine, Submarine. P. Borracci. 2,344,483; Mar. 1.
Mine sweeping and disabling apparatus. A. Ronning. 2,353,360; July 11.
Mine vehicle. A. L. Lee. 2,358,236; Sept. 12.
Mineral concentration. L. J. Christmann, D. W. Jayne, Jr., and S. E. Erickson. 2,364,272; Dec. 5.
Mineral material, Lightweight. P. S. Denning. 2,342,574; Feb. 22.
Mineral oil composition. G. H. S. Snyder and E. W. Fuller. 2,364,030; Nov. 28.
Mineral oil lubricant. O. M. Reiff. 2,350,368; June 6.
Mineral oil lubricating composition and an improvement agent therefor and its preparation. H. G. Smith and T. L. Cantrell. 2,342,431–3; Feb. 22.

Mineral oil solutions, Process and apparatus for separating wax from. D. G. Brandt. 2,347,810; May 2.
Mineral oils, Refining. H. G. M. Fischer. 2,338,579; Jan. 4.
Mineral oils, Stabilization of. L. O. Buxton. 2,345,580; Apr. 4.
Mineral oils with clay, Refining. M. W. Morgan. 2,351,445; June 13.
Mineral supplement. T. W. Schilb. 2,365,438; Dec. 19.
Mineral wool and product, Manufacturing. H. T. Coss, W. M. MacAlpine, and L. A. Hawthorne. 2,356,826; Aug. 29.
Mineral wool batts, Making. V. E. Meharg. 2,349,909; May 30.
Mineral wool manufacture, Method and apparatus for. G. T. Pearce. 2,365,970; Dec. 26.
Mineral wool, Method and apparatus for manufacturing. J. H. Zettel. 2,358,900; Sept. 26.
Mineral wool products, Manufacturing. H. T. Coss. 2,338,839; Jan. 11.
Mineral wool products, Manufacturing felted. H. T. Coss, L. A. Hawthorne, and J. H. Zettel. 2,357,042; Aug. 29.
Minerals, Concentrating. L. J. Erck. 2,353,152; July 11.
Minerals, Recovering. H. L. Reed. 2,348,360; May 9.
Minerals, Recovering. H. L. Reed. 2,362,216; Nov. 7.
Mining apparatus. C. F. Osgood. 2,355,176; Aug. 8.
Mining drill. O. Phippa. 2,341,237; Feb. 8.
Mining machine. J. S. Beltz. 2,357,724; Sept. 5.
Mining machine. R. K. Jeffrey and L. E. Mitchell. 2,340,533; Feb. 1.
Mining machine. T. W. Jones. 2,363,969; Nov. 28.
Mining machine. C. F. Osgood. 2,353,414; July 11.
Mining machine. L. E. Simmons. 2,349,311; May 23.
Mining machine. G. E. Suiter. 2,345,303; Mar. 28.
Mining System of. S. M. Cassidy and G. M. Rigg. 2,354,687; Sept. 19.
Minnow trap. S. T. Schleier. 2,361,321; Oct. 24.
Mirror. S. J. Winslow. 2,352,819; July 4.
Mirror brush, and the like, Hand. S. J. Winslow. 2,352,820; July 4.
Mirror for reflex cameras. J. Bolsey. 2,352,177; June 27.
Mirror. Paper ring. D. Besborodko. 2,341,590; Feb. 15.
Mirror, Prismoidal rearview. G. E. Roedding. 2,356,432; Aug. 22.
Mirror. Rear view. E. C. and H. J. Clark. 2,341,208; Feb. 8.
Mirror, Rear view. A. R. Ewing. 2,346,739; Apr. 18.
Mirror, Rear view. L. F. Sarnes. 2,364,165; Dec. 5.
Mirror, Rear-vision. J. E. and H. Poncher. 2,338,780; Jan. 11.
Mirrors, Making. W. Peacock. 2,363,354; Nov. 21.
Mirrors, Manufacturing. W. Owen. 2,345,356; Mar. 28.
Mitten. W. J. Kuehnel. 2,342,547; Feb. 22.
Mixed esters of cellulose, Manufacture of. C. J. Malm. 2,342,415; Feb. 22.
Mixed esters of cellulose, Production of. H. Dreyfus. 2,351,391; June 6.
Mixer. *See*—
Air mixer.
Concrete mixer.
Food mixer.
Fuel mixer.
Paper machine flow mixer.
Mixer. W. A. McLean. 2,341,185; Feb. 8.
Mixer, Concrete. G. Maxon, Jr. 2,350,285; May 30.
Mixing and dispensing device. J. J. Hickey. 2,349,623; May 23.
Mixing apparatus. N. D. Griswold. 2,354,634; July 25.
Mixing apparatus. D. W. Pinkerton. 2,340,205; Jan. 25.
Mixing apparatus, especially adapted for mixing pulverized materials. J. E. Nauta. 2,345,063; Mar. 28.
Mixing assembly, Selective. J. W. Carlson. 2,346,290; Apr. 11.
Mixing bowl handling mechanism. F. F. Tone. 2,339,439; Jan. 18.
Mixing device. E. C. Armstrong and R. R. Lokey, Jr. 2,339,615; Jan. 4.
Mixing device for water treating apparatus. J. F. Sebald and A. Kanatow. 2,342,599; Feb. 22.
Mixing distributor. E. W. Shallock. 2,356,096; Aug. 15.
Mixing jet apparatus. H. O. Malcolm. 2,357,266; Aug. 29.
Mixing machine. C. H. Dunn. 2,340,178; Jan. 25.
Mixing machine. D. C. Jones. 2,344,307; Mar. 1.
Mixing machine. E. J. Karp. 2,345,266; Mar. 28.
Mixing machine, Road material. C. W. Wood. Re. 22,502; June 20.
Mixing plant. H. H. Barber. 2,344,228; Mar. 14.
Mixing plant. C. H. Johnson. 2,352,202; June 27.
Mixing tank for carbonated beverages. J. Kantor. 2,350,044; May 30.
Mixing valve. V. B. Novak. 2,349,051; May 16.
Mixture control. S. M. Udale. 2,361,334; Oct. 24.
Mixtures of bacterial origin, Fractionating. T. D. Gerlough. 2,340,318; Feb. 1.
Mobile device for repelling the attack of enemy aircraft. M. C. Schwab. 2,365,778; Dec. 26.
Mobile fire fighting apparatus. E. Geerts. 2,352,379; June 27.
Mobile fire pumper. H. E. La Bour. 2,360,777; Oct. 17.
Mobile lifting gear. J. Martin. 2,352,962; July 4.
Mobile unit with foreign body localizer. E. R. Goldfield, R. S. Schiring, and R. J. Stava. 2,355,066; Aug. 8.
Modeling table. G. M. Buehrig. 2,341,176; Feb. 8.
Modulating control system. F. A. Gauger and E. A. Jones. 2,346,266; May 16.
Modulating system. H. M. Crosby. 2,355,422; Aug. 8.
Modulating system, Nonlinear. J. A. Bennett. 2,355,047; Aug. 8.
Modulation. J. L. Hathaway. 2,362,201; Nov. 7.
Modulation amplifier and modulator. C. N. Gillespie, Jr. 2,346,020; Apr. 4.
Modulation control, Hydraulic travel. E. A. Rockwell. 2,352,344; June 27.
Modulation divider, Frequency. M. G. Crosby. 2,361,606; Oct. 31.
Modulation measuring apparatus. H. W. Kline. 2,362,830; Nov. 14.
Modulation receiver, Frequency. R. A. Weagant. 2,361,669; Oct. 31.
Modulation receiver, Frequency and phase. C. W. Hansell. 2,361,625; Oct. 31.
Modulation system. J. J. Antalek. 2,348,585; May 9.
Modulation system. M. G. Crosby. 2,347,398; Apr. 25.
Modulation system, Wave length. J. L. Finch. 2,356,390; Aug. 22.
Moist heat pad. L. A. Lord. 2,363,735; Nov. 28.
Moistener, Four-edge. D. Roberts. 2,339,585; Jan. 18.
Moistening apparatus. J. O. Ross. 2,362,309; Nov. 7.
Moistening device. E. W. Pike. 2,340,204; Jan. 25.
Moistening device. J. B. Tweeten. 2,363,163; Nov. 21.
Moistening device for duplicating machines. R. J. Copeland and E. J. Elsore. 2,360,849; Oct. 17.
Moistening device for gummed objects. C. D. Ryan and E. P. Drake. 2,349,564; May 23.
Moistening mechanism for duplicating machines. H. Jagger, W. F. Schoenhardt, and A. F. Uhlig. 2,340,327; Feb. 1.
Moisture absorbing device. A. L. Feldman. 2,349,856; May 30.
Moisture in forages and grains, Determining. R. Q. Parks. 2,362,396; Nov. 7.
Moisture in materials, Method and apparatus for determining the concentration of. A. Allen and W. H. Howe. 2,359,278; Oct. 3.
Moisture-measuring instrument. C. S. Shaw. 2,365,496; Dec. 19.
Moistureproof articles, Producing drawn. W. Morton and D. G. Magill. 2,362,652; July 4.
Moistureproof collapsible container. C. F. Manning. 2,355,027; Aug. 1.
Moistureproof strain gauge. E. E. Simmons, Jr. 2,344,648; Mar. 21.
Moistureproofing cellulosic sheets. F. D. Bergstein. 2,363,289; Nov. 21.
Mold: *See*—
Cast resin mold.
Comb mold.
Concrete block mold.
Expandible plastic mold.
Foundation wall mold.
Ingot mold.
Injection mold.
Meat mold.
Self-packing pipe joint mold.
Self-trimming mold.
Shaping mold.
Sponge rubber mold.
Wave record mold.
Mold. R. L. Detjen. 2,352,083; June 20.
Mold. P. M. Mueller. 2,345,493; Mar. 28.
Mold. J. R. Seifert. 2,344,738; Mar. 21.
Mold. E. H. Wallace. 2,363,213; Nov. 21.
Mold. H. C. Winkel. 2,365,740; Dec. 26.
Mold and making it. J. M. Kelly. 2,363,337; Nov. 21.
Mold and molding apparatus. P. M. Mueller. 2,357,780; Sept. 5.
Mold carrying mechanism. R. G. Allen. 2,365,928; Dec. 26.
Mold core element. F. C. George. 2,359,214; Sept. 26.
Mold equipment. R. E. Moule. 2,364,745; Dec. 12.
Mold filling apparatus. W. E. S. Strong. 2,343,938; Mar. 14.
Mold for casting chain. E. C. Kloss. 2,348,979; May 16.
Mold for centrifugal casting. S. M. Stoody and R. L. Abos. 2,351,720; June 20.
Mold for hollow bodies and constructing the mold. W. L. Lewis. 2,356,860; Aug. 29.
Mold for making perforate articles. A. E. Sidnell. 2,346,335; Apr. 11.
Mold for plastic materials. C. L. Popp. 2,360,011; Oct. 10.
Mold for spliced cable joints. J. W. Campbell. 2,357,998; Sept. 12.
Mold growth, Promoting. L. M. Christensen. 2,352,168; June 27.
Mold manufacture. R. G. Chollar. 2,356,380; Aug. 22.
Mold operating mechanism. R. G. Allen. 2,351,899; June 20.
Mold operating mechanism for glass blowing machines. R. G. Allen. 2,362,427; Nov. 7.
Moldable products, Molding and packaging. R. W. Marshall. 2,350,912; June 6.
Moldboard adjuster. M. Winge. 2,345,720; Apr. 4.
Molded article. H. M. Elsey. 2,359,097; Sept. 26.
Molded article and making it. W. W. Carter. Re. 22,487; May 30.
Molded article and making same. M. M. Cunningham. 2,358,962; Sept. 26.
Molded article and making the same. B. F. Conner. 2,353,995; July 18.
Molded barrel-shaped container. E. A. Anderson. 2,351,387; June 13.

Molded door. J. L. Howie, Jr. 2,359,712; Oct. 3.
Molded fiber article. C. J. Chaplin. 2,348,725; May 16.
Molded material. C. D. Levey. 2,347,697; May 2.
Molded pulp articles, Machine for manufacturing. W. H. Randall. 2,346,608; Apr. 11.
Molded slide fastener. R. Low. 2,361,782; Oct. 31.
Molding. B. A. Cooke and L. W. Gane. 2,353,996; July 18.
Molding. J. B. Lennington. 2,341,999; Feb. 15.
Molding. R. D. Lowry and R. C. Reinhardt. 2,361,900; Oct. 31.
Molding. C. B. Sayre. 2,351,713; June 20.
Molding. C. V. Smith. 2,342,378; Feb. 22.
Molding and vulcanizing hollow articles. R. W. Brown. 2,354,446; July 25.
Molding apparatus. W. G. de Berg, Jr. 2,357,879; Sept. 12.
Molding apparatus. E. E. Frans. 2,347,773; May 2.
Molding apparatus. O. E. Hermanns. 2,338,329; Jan. 4.
Molding apparatus. A. L. Pugh, Jr. 2,363,900; Nov. 28.
Molding apparatus. S. Rincón. 2,350,291; May 30.
Molding apparatus. W. G. Whitsitt. 2,342,440; Feb. 22.
Molding apparatus and method of molding. M. M. Cunningham. 2,341,499; Feb. 8.
Molding apparatus, Extrusion. W. C. Rudd. 2,353,362; July 11.
Molding composition. K. E. Ripper. 2,344,733; Mar. 21.
Molding composition, Polystyrene. F. W. Ducca. 2,353,228; July 11.
Molding compound, Producing. C. R. Gleason and R. M. Small. 2,365,753; Dec. 26.
Molding flask clamp. E. Huff. 2,358,977; Sept. 26.
Molding form. J. P. Leising. 2,345,707; Apr. 4.
Molding hollow bodies. A. M. Howald and L. S. Meyer. 2,345,977; Apr. 4.
Molding indicia-bearing product and making same. J. A. Gits. 2,354,857; Aug. 1.
Molding machine. M. G. Clay and E. O. Beardsley. 2,339,001; Jan. 11.
Molding machine. W. E. Hoffmann and J. M. Blank. 2,359,216; Sept. 26.
Molding machine. J. L. Matthews. 2,340,972; Feb. 8.
Molding machine. H. S. Wood. 2,349,219; May 16.
Molding machine, Counter. L. H. Bennion and W. A. Smart. 2,348,105; May 2.
Molding machine, Extrusion. H. Reedman. 2,338,203; Jan. 4.
Molding, Method and apparatus for. S. M. Hull. 2,341,617; Feb. 15.
Molding pattern. M. Bean. 2,349,806; May 30.
Molding plastic materials. J. H. Goode. 2,347,600; Apr. 25.
Molding powders. E. Glycofrides. 2,362,627; Nov. 14.
Molding powders, Producing. E. Glycofrides. 2,362,628; Nov. 14.
Molding press. G. L. Cherry, J. R. Johnson, and W. J. Scott. 2,362,048; Nov. 7.
Molding press. A. W. Kingston. 2,354,029; July 18.
Molding press. T. P. Tapper. 2,349,805; May 30.
Molding, Price ticket. L. Hopp. 2,353,469; July 11.
Molding process, Briquetting press. W. Ernst and L. S. Hubbert. 2,348,197; May 9.
Molding strip or the like. H. B. Warren. 2,344,576; Mar. 21.
Molding strips, Manufacturing. H. B. Warren. 2,344,575; Mar. 21.
Molding strips to trim panels, Applying. A. C. Lind and A. Carlin. 2,362,909; Nov. 14.
Molds, Method and apparatus for grinding. W. A. Montgomery. 2,346,861; Apr. 18.
Molds, Method and apparatus for stripping articles from. E. C. Kastner. 2,365,764; Dec. 26.
Mole trap. R. McJunkin. 2,357,414; Sept. 5.
Molten glass extruding apparatus. R. Scharfnagel. 2,350,829; June 6.
Molten magnesium from molten salt baths, Separation of. L. A. Yerkes. 2,355,130; Aug. 8.
Molybdenum and tungsten from ores, Recovery of. G. S. Smith. 2,339,888; Jan. 25.
Molybdenum content of scheelite or calcium tungstate by visual color of its fluorescence, Estimating. R. S. Cannon, Jr., and K. J. Murata. 2,346,661; Apr. 18.
Monitor, Ceiling level. S. J. Murcek. 2,365,580; Dec. 19.
Monitoring receiver. H. O. Peterson. 2,358,028; Sept. 12.
Monitoring system for sound recording. J. L. Fields. 2,341,706; Feb. 15.
Mono-ball bearing. F. L. Hill. 2,365,552; Dec. 19.
Monocalcium phosphate crystallization. A. H. Henninger. 2,343,456; Mar. 7.
Monochloromonobromethane and dibromomethane, Preparing. O. Scheier, F. Dostal, and K. Dachlauer. 2,347,000; Apr. 18.
Monoethanolamides and preparation thereof, Sulphated. E. A. Robinson and G. D. Davis. 2,353,081; July 4.
Mono-glycosides of 2-methyl-1,4-naphthohydroquinone. G. H. Carlson and B. R. Baker. 2,357,172; Aug. 29.
Monomers of cyclopentadiene, Preparation of. W. H. Lycan and H. L. Gerhart. 2,349,047; May 16.
Mononitroalkanes and aliphatic ketones, Condensation of. H. B. Hass and J. F. Bourland. 2,343,256; Mar. 7.
Monorail control system. R. W. Spafford. 2,349,120; May 16.
Monorail system, Overhead. A. F. Anjeskey. 2,358,487; Sept. 19.
Mooring bit. H. C. Siska. 2,339,034; Jan. 11.
Mooring block. J. P. Keating. 2,350,767; June 6.
Mooring device. M. C. Terry. 2,347,718; May 2.
Mop. A. J. Lipstock. 2,364,800; Dec. 12.
Mop. F. M. Schaefer. 2,365,437; Dec. 19.
Mop. S. P. Vaughn. 2,358,673; Sept. 19.
Mop, Dusting. E. L. Bennett. 2,347,169; Apr. 25.
Mop, Fountain. W. R. Elliott. 2,340,115; Jan. 25.
Mop head. H. Soule. 2,348,863; May 16.
Mop holder. R. C. Gritzmaker and R. C. Reed. 2,362,370; Nov. 7.
Mop or the like. W. Hertzberg. 2,342,281; Feb. 22.
Mop structure. F. A. and C. O. Trindl. 2,354,969; Aug. 1.
Mordant dyestuffs and their manufacture. K. Glenz and F. Neitzel. 2,356,740; Aug. 29.
Mordant dyestuffs, Preparing. K. Glenz and F. Neitzel. 2,357,949; Sept. 12.
Morpholine sulphides, Preparing. E. S. Blake. 2,343,524; Mar. 7.
Mortar flare shell. G. H. Shea. 2,338,137; Jan. 4.
Mortar, Portable. M. M. Johnson, Jr. 2,363,675; Nov. 28.
Mortar spreader. H. J. Ciceske. 2,341,691; Feb. 15.
Mortise joint separable fastener. L. H. Morin. 2,347,428; Apr. 25.
Moth repelling product. W. L. Morgan and E. D. McLeod. 2,362,768; Nov. 14.
Mothproofing. H. N. Mitchell. 2,351,359; June 13.
Mothproofing composition. H. I. Jones. 2,340,328; Feb. 1.
Mother-of-pearl, Imitation. A. F. Caprio. 2,363,570; Nov. 28.
Motion controlling device. W. Kohlhagen. 2,354,954; Aug. 1.
Motion converting mechanism. M. B. Crowe and H. Hatter. 2,361,821; Oct. 31.
Motion converting mechanism. F. A. Trusdell. 2,349,314; May 23.
Motion device for knitting machines, Stop. N. J. Tellerman. 2,362,781; Nov. 14.
Motion picture camera. W. Riedel. 2,340,564; Feb. 1.
Motion picture camera. P. F. Sperry. 2,347,519; Apr. 25.
Motion picture film, Processing. M. S. Leshing and B. C. Robertson. 2,342,000; Feb. 15.
Motion-picture mechanism. G. Nemnich. 2,364,746; Dec. 12.
Motion picture mechanism. J. G. Zuber. 2,338,680; Jan. 4.
Motion picture projecting apparatus. J. A. Links and J. P. Herst. 2,342,874; Feb. 29.
Motion picture projection apparatus. R. R. Kelley. 2,345,818; Apr. 4.
Motion picture projector supporting means, Double-headed. J. Adorno. 2,345,911; Apr. 4.
Motion picture slating device. D. B. Clark and R. C. Stevens. 2,339,377; Jan. 18.
Jan. 4.
Motion, Reproducing. P. F. Bechberger. 2,342,637; Feb. 29.
Motion transforming device. H. L. Conrad. 2,360,762; Oct. 17.
Motion transmitting and co-ordinating means. A. G. Fraser-Nash and S. R. Proctor. 2,347,900; May 2.
Motion transmitting device. R. W. Luce. 2,343,067; Feb. 29.
Motion transmitting mechanism. B. Brassell. 2,349,135; May 16.
Motion transmitting mechanism. J. Q. Holmes and C. E. Gordon. 2,360,497; Oct. 17.
Motive power for toys and the like. S. Gold. 2,363,785; Nov. 28.
Motor: *See*—
Air motor.
Alternating-current synchronous motor.
Automatic wind motor.
Direct-current motor.
Electric impulse motor.
Electric motor.
Electrically controlled fluid-pressure operated motor.
Electromagnetic motor.
Flameproof electric motor.
Fluid motor.
Fluid pressure actuated motor.
Fluid pressure motor.
Fluid pressure servo motor.
Heat motor.
Horseshoe type motor.
Hydraulic motor.
Impulse counter motor.
Multispeed motor.
Oscillating electric motor.
Oscillating knife motor.
Outboard motor.
Pneumatic motor.
Pressure fluid motor.
Rotary motor.
Spring motor.
Synchronous motor.
Vibration motor.
Wheel motor.
Windshield wiper motor.
Motor. F. G. and W. M. Folberth. 2,353,022; July 4.
Motor. J. J. Gough. 2,348,341; May 9.
Motor. C. W. Kelsey. 2,352,267; June 27.
Motor. W. W. Paget. 2,338,454; Jan. 4.
Motor. B. P. Pond. 2,357,021; Aug. 29.
Motor. A. Rappl. 2,344,049; Mar. 28.
Motor. E. J. Ruthman. 2,355,472; Aug. 8.
Motor and friction coupling, Spring. R. Pudelko. 2,341,332; Feb. 8.
Motorboat. C. N. Neklutin. 2,341,159; Feb. 8.
Motor car body. F. R. Koenig-Fachsenfeld. 2,359,426; Oct. 3.
Motor cars, Springing of. K. Wilfert and B. Barényi. 2,352,053; June 20.

Motor chassis, Dual. P. Schon. 2,351,233; June 13.
Motor construction. R. L. Drake. 2,340,312; Feb. 1.
Motor control and braking system. G. R. Purifoy. 2,345,150; Mar. 28.
Motor control and switch operated thereby, Method and system of. F. H. Roby. 2,343,501; Mar. 7.
Motor control mechanism for printing telegraph apparatus. B. S. Swezey. 2,344,792; Mar. 21.
Motor control, Remote. J. A. van Lammeren and W. H. van der Mey. 2,345,778; Apr. 4.
Motor control switch. C. J. Werner. 2,346,341; Apr. 11.
Motor control system. J. H. Borden. 2,351,316; June 13.
Motor control system. P. M. J. S. de Giacomoni. 2,360,766; Oct. 17.
Motor control system. R. E. Jelfs. 2,340,534; Feb. 1.
Motor control system. R. J. Kutsler and L. A. Griffith. Re. 22,508; June 27.
Motor control system. T. B. Montgomery. 2,366,148; Dec. 26.
Motor control system. J. White. 2,359,400; Oct. 3.
Motor control system. D. C. Wright. 2,351,796; June 20.
Motor control system, Protective. M. A. Hyde. 2,361,209; Oct. 24.
Motor controller. J. M. Newman. 2,355,321; Aug. 8.
Motor device for driving light vehicles, Auxiliary. M. Mennesson. 2,350,791; June 6.
Motor-driven hand tool. W. M. Emery. 2,354,307; July 25.
Motor-driven tool. H. E. Meltzer. 2,355,228; Aug. 8.
Motor driven vehicle. B. A. Swennes. 2,364,327; Dec. 5.
Motor for sound recording apparatus. P. Beer and P. V. L. P. Anneberg. 2,345,087; Mar. 28.
Motor fuel composition. W. J. Backoff, N. D. Williams, J. F. O'Loughlin, H. L. Moir, and J. S. Yule. 2,341,892; Feb. 15.
Motor fuel composition. W. J. Backoff, N. D. Williams, J. F. O'Loughlin, H. L. Moir and J. S. Yule. 2,350,145; May 30.
Motor fuel, Making. J. H. James. 2,363,331; Nov. 21.
Motor fuel, Producing. R. F. Marschner. 2,360,253; Oct. 10.
Motor fuel, Production of. A. E. Dunstan and S. F. Birch. 2,363,301; Nov. 21.
Motor fuel, Production of. K. H. Hachmuth. 2,353,234; July 11.
Motor fuels from liquid hydrocarbons by catalytic cracking, Manufacture of nonknocking. G. Free and W. v. Funer. 2,343,450; Mar. 7.
Motor fuels, Manufacture of. L. A. Clarke, F. H. Bruner, E. F. Pevere, and G. B. Hatch. 2,340,412; Feb. 1.
Motor fuels, Production of. M. Pier and E. Donath. 2,335,106-7; Jan. 11.
Motor fuels, Stabilization of. L. O. Buxton. 2,345,579; Apr. 4.
Motor-generator. G. C. Devol and H. Langstroth. 2,355,208; Aug. 8.
Motor-generator set, Self-regulated. H. W. Graybrook and C. J. Biscup. 2,349,618; May 23.
Motor load control. J. F. Mercer. 2,350,913; June 6.
Motor oil container. A. G. Hatch. 2,356,401; Aug. 22.
Motor operated automatic regulator. E. W. Seeger, J. A. Senn, and C. Stansbury. 2,346,794; Apr. 18.
Motor operated circuit breaker. J. W. May. 2,354,135; July 18.
Motor-operated cloth guider. R. Hetherington. 2,352,896; July 4.
Motor operated toggle valve. C. W. Bryant. 2,344,594; Mar. 21.
Motor operated valve. A. J. Trott. 2,340,999; Feb. 8.
Motor protective device. F. J. Johns. 2,338,515; Jan. 4.
Motor pump unit. F. D. Foottit and G. J. Trapp. 2,346,372; Apr. 11.
Motor shipping container. J. W. Miller. 2,341,801; Feb. 15.
Motor speed control. G. L. Grundmann. 2,351,759; June 20.
Motor speed regulator. W. C. Grabau. 2,342,657; Feb. 29.
Motor speed regulator. W. C. Grabau. 2,352,626; July 4.
Motor starting system. B. F. Miller. 2,354,329; July 25.
Motor structure. G. L. Moeller. 2,358,585; Sept. 19.
Motor suspension and truck construction. E. H. Pirou. 2,358,279; Sept. 12.
Motor testing apparatus. R. Ehrenfeld. 2,352,779; July 4.
Motor vehicle. F. C. Best. 2,345,448; Mar. 28.
Motor vehicle. F. C. Best. 2,351,803; June 20.
Motor vehicle. W. R. Griswold and F. R. McFarland. 2,339,473; Jan. 18.
Motor vehicle. W. C. Hansen. 2,355,860; Aug. 15.
Motor vehicle. H. C. Harbers and H. F. Cook. 2,363,178; Nov. 21.
Motor vehicle. J. L. Hardy. 2,345,972; Apr. 4.
Motor vehicle. E. E. Hayes. 2,338,244; Jan. 4.
Motor vehicle. J. Kolbe. 2,341,726; Feb. 15.
Motor vehicle. J. Kolbe. 2,349,175; May 16.
Motor vehicle. A. A. Kucher. 2,363,977; Nov. 28.
Motor vehicle. E. G. Reid. 2,353,266; July 11.
Motor vehicle. P. A. Scott-Iversen. 2,358,663; Sept. 19.
Motor vehicle. F. W. Slack. 2,340,149; Jan. 25.
Motor vehicle. F. W. Slack. 2,358,481; Sept. 19.
Motor vehicle. J. G. Vincent. 2,339,967; Jan. 25.
Motor vehicle brake. P. Martin. 2,356,258; Aug. 22.
Motor vehicle heating system. A. B. Werdehoff. 2,347,141; Apr. 18.
Motor vehicle lamp. R. N. Faige and H. C. Mead. 2,354,804; Aug. 1.
Motor vehicle lighting. P. C. Ackerman. 2,360,461; Oct. 17.
Motor vehicle lighting. C. Breer and P. C. Ackerman. 2,360,469; Oct. 17.
Motor vehicle lighting. W. P. Cousino. 2,347,085; Apr. 18.
Motor vehicle steering gear. M. J. Scanlon. 2,350,478; June 6.
Motor vehicle suspension. A. W. Ross. 2,351,291; June 13.
Motor vehicle top carrier. E. F. P. Jimmes. 2,357,203; Aug. 29.
Motors, Controller for electric. W. E. Addicks. 2,354,787; Aug. 1.
Motors, Mounting and supporting. H. O. Kampstad and C. L. Kampstad. 2,364,855; Dec. 12.
Mount: *See*—
Airplane wing gun mount.
Mount, Engine. C. J. Frey. 2,355,370; Aug. 8.
Mount structure for electric lamps and similar devices. J. Flaws, Jr. 2,361,469; Oct. 31.
Mount, Truck body. J. M. Franks. 2,363,172; Nov. 21.
Mounting: *See*—
Adjustable bearing mounting.
Air heater mounting.
Badge mounting.
Barrel mounting.
Battery mounting.
Bearing mounting.
Brake beam mounting.
Brake shoe mounting.
Cushion mounting.
Detachable spool mounting.
Door mounting.
Dual wheel mounting.
Globe mounting.
Gun mounting.
Gun sight mounting.
Gun turret mounting.
Hand telephone mounting.
Handset telephone mounting.
Illuminated globe mounting.
Induction coil mounting.
Insulator mounting.
Lamp reflector mounting.
Lens mounting.
Luminescent lamp mounting.
Machine mounting.
Meter mounting.
Needle roller mounting.
Ophthalmic mounting.
Panel mounting.
Piezoelectric crystal mounting.
Pivotal mounting.
Punch mounting.
Resilient mounting.
Resilient wheel mounting.
Sealed universal mounting.
Shaft mounting.
Spindle mounting.
Table leg mounting.
Tail wheel mounting.
Telescope sight mounting.
Tilting chair mounting.
Transparent panel mounting.
Vehicle wheel mounting.
Vibration damping mounting.
Vibrator mounting.
Wall mounting.
Wave filter mounting.
Wheel mounting.
Mounting. W. S. Buttles. 2,360,757; Oct. 17.
Mounting and guard for rotary cutter. N. C. Coates. 2,338,318; Jan. 4.
Mounting and regulating mechanism of sliding windows. L. F. Moroney. 2,347,750; May 2.
Mounting construction for brake shoes, Single anchor. S. Schnell. Re. 22,513; July 4.
Mounting device. C. Ailes, Jr. 2,365,989; Dec. 26.
Mounting device. A. W. Franklin. 2,354,748; Aug. 1.
Mounting ferrule and handle for utensil. S. W. Farber. 2,345,248; Mar. 28.
Mounting for bearings. C. M. Griffin. 2,355,723; Aug. 15.
Mounting for cinematograph cameras. S. Howell. 2,364,363; Dec. 5.
Mounting for dictating machines, Stylus head. L. Thompson. 2,354,558; July 25.
Mounting for drilling tools. O. H. Sellars. 2,362,161; Nov. 7.
Mounting for fuel tanks. H. W. Craig. 2,354,438; July 25.
Mounting for furnaces, Bayonet catch. R. G. Wyld. 2,355,896; Aug. 15.
Mounting for guns or similar apparatus. H. Scott-Paine. 2,345,504; Mar. 28.
Mounting for instruments and other apparatus, Flexible. V. A. Trier. 2,340,629; Feb. 1.
Mounting for liquid fuel burners, Adjustable. J. D. Lewis. 2,358,982; Sept. 26.
Mounting for rear-vision automobile mirrors, Thermometer. H. J. Sauer. 2,351,880; June 20.
Mounting for rear-vision mirrors. E. T. Welsh. 2,351,087; June 13.
Mounting for refrigerating apparatus and the like. H. O. Kirkpatrick. 2,363,974; Nov. 28.
Mounting for safety headgear, Suspension. F. R. Ludwell. 2,365,422; Dec. 19.
Mounting for spring roller window shades. H. C. McMullen. 2,360,614; Oct. 17.
Mounting for telescopic sights. J. L. Patterson. 2,338,200; Jan. 4.
Mounting for thermosensitive elements. H. H. Richmond. 2,343,242; Mar. 7.
Mounting for wrist watches. A. W. Hiller. 2,342,804; Feb. 29.
Mounting means. H. C. Goshia. 2,359,031; Sept. 26.
Mounting means. A. J. Schmitt. 2,352,126; June 20.

Mounting means construction, Propeller. T. R. Arden. 2,353,431; July 11.
Mounting means for rimless glasses. D. Slotsky. 2,362,725; Nov. 14.
Mounting means for spectacles. D. Slotsky. 2,362,726; Nov. 14.
Mounting means, Table top. W. A. Hillenbrand. 2,342,631; Feb. 29.
Mounting of window glass in vehicle wall structure. E. Speed. 2,356,123; Aug. 22.
Mounting tools. S. M. Booth. 2,351,741; June 20.
Mounts, Making. C. N. Croes. 2,355,706; Aug. 15.
Mouse trap. H. M. Alday. 2,342,444; Feb. 22.
Mousetrap. C. Hutchinson. 2,347,110; Apr. 18.
Mousetrap. D. B. Love. 2,343,562; Mar. 7.
Mouthpiece material, Cigarette. G. Davidson. 2,342,924; Feb. 29.
Movable demountable scaffold support. J. C. King. 2,358,333; Sept. 19.
Movable mast support. E. H. Ranson. 2,352,565; June 27.
Movable truck jack. G. C. Noros. 2,339,940; Jan. 25.
Movement determining mechanism. W. L. McKelvey. 2,356,167; Aug. 22.
Movements of valves or other elements, Controlling. S. Hedgecock. 2,348,363; May 9.
Mover device, Prime. J. H. Macartney and R. S. Stark. 2,362,705; Nov. 14.
Moving floor vehicle. H. W. Swift. 2,353,948; July 18.
Moving sign. W. F. O'Gorman. 2,346,699; Apr. 18.
Moving two elements, Method and apparatus for relatively. A. G. Bodine, Jr. 2,350,212; May 30.
Mower. S. W. Hayes. 2,359,642; Oct. 3.
Mower. L. A. Paradise and W. J. Coultas. 2,340,488; Feb. 1.
Mower cutter bar support. R. H. Sharpe. 2,339,820; Jan. 25.
Mower for tractors. H. W. Simpson and A. Abgarian. 2,354,710; Aug. 1.
Mower, Lawn. H. F. Godwin. 2,365,338; Dec. 19.
Mower, Lawn. M. Varga. 2,364,039; Nov. 28.
Mowing machine. J. S. Curtis. 2,345,383; Mar. 28.
Mowing machine. H. C. Swertfeger. 2,341,486; Feb. 8.
Mucking machine for use in shaft sinking and in caisson sinking. F. Toffemire. 2,358,543; Sept. 19.
Mud dispersion apparatus. V. B. Zacher. 2,358,679; Sept. 19.
Mud, Drilling. D. C. Bond. 2,354,648; Aug. 1.
Mud, Drilling. D. C. Bond. 2,357,497; Sept. 5.
Mud, Drilling. D. C. Bond. 2,360,544; Oct. 17.
Mud hook. C. R. Hinds. 2,352,788; July 4.
Mud-laden drilling fluids, Production of. L. H. Bailey, W. L. Owen, Jr., and W. L. Owen. 2,360,327; Oct. 17.
Mud pump. A. A. Ashton. 2,362,524; Nov. 14.
Mud turbine and assembling the same. L. Yost. 2,348,047; May 2.
Mud weighing device. J. R. Pettigrove. 2,360,977; Oct. 24.
Muffler. F. K. Batchelor and S. E. Becker. 2,348,706; May 16.
Muffler. D. Cortes and C. Paternoster. 2,353,998; July 18.
Muffler. M. Katcher. 2,359,365; Oct. 3.
Muffler. J. P. Marx. 2,343,152; Feb. 29.
Muffler. W. B. McLeod. 2,353,914; July 18.
Muffler. V. E. Sprouse. 2,361,133; Oct. 24.
Muffler, Air-cooled. P. E. Fluor. 2,363,236; Nov. 21.
Muffler for airplanes, automobile, and the like. J. A. Fisher. 2,343,371; Mar. 7.
Multiband receiver circuit. C. S. Root. 2,355,470; Aug. 8.
Multicolor printing. W. G. Fitz. 2,349,819; May 30.
Multi-leaved edges for receiving colored markings and the article resulting therefrom, Preparing. H. E. Oppenheimer. 2,359,328; Oct. 3.
Multileaved vehicle spring. H. T. Dow. 2,358,852; Sept. 26.
Multimotor single propeller airplane. W. Wisk. 2,343,606; Mar. 7.
Multiphase alkylation of isoparaffins. F. D. Parker. 2,342,364; Feb. 22.
Multipiece piston ring. T. A. Bowers. 2,346,897; Apr. 18.
Multiple baking pan. A. L. Langel. 2,347,694; May 2.
Multiple bar shaft lock. S. T. Smith. 2,359,010; Sept. 26.
Multiple barrel gun. C. Formhals. 2,351,257; June 13.
Multiple carding machines, Single feed for. H. B. Riehl. 2,360,583; Oct. 17.
Multiple-color electric sign. L. L. and L. G. Pruyn. 2,340,559; Feb. 1.
Multiple container. W. M. Emery. 2,365,143; Dec. 12.
Multiple cylinder pump. P. C. Temple. 2,356,101; Aug. 15.
Multiple disk shaft coupling. S. T. Smith. 2,347,294; Apr. 25.
Multiple drilling device. P. de Anguera. 2,357,728; Sept. 5.
Multiple frequency source. H. B. Deal. 2,354,800; Aug. 1.
Multiple hearth furnace. W. S. Martin. 2,361,557; Oct. 31.
Multiple hook lifter. F. G. Cassens and M. S. Evans. 2,338,998; Jan. 11.
Multiple inlet valve. W. R. Dand. 2,341,531; Feb. 15.
Multiple load range weighing system. M. C. Tate. 2,357,272; Aug. 29.
Multiple means for applying brakes. G. Keith. 2,365,557; Dec. 19.
Multiple needle skip-stitch machine. W. B. Patey. 2,359,050; Sept. 26.
Multiple opposed piston engine. S. B. Mathis. 2,361,700; Oct. 31.
Multiple piston engine. A. C. Johnson. 2,355,379; Aug. 8.
Multiple-point connecting device. C. W. Bristol. 2,351,394; June 13.
Multiple port valve. L. G. Lindsay. 2,347,202-3-4; Apr. 25.
Multiple punch press. D. G. Nelson and J. C. Runco. 2,357,683; Sept. 5.
Multiple purpose whisk broom holder. A. W. Macdonell. 2,361,303; Oct. 24.
Multiple rotary Diesel engine. G. F. Pieper. 2,352,403; June 27.
Multiple separation apparatus. C. B. Hebbard. 2,360,129; Oct. 10.
Multiple switch actuator. A. B. Newton. 2,342,615; Feb. 22.
Multiple tool holder. P. A. Guenther. 2,344,509; Mar. 21.
Multiple unit apparatus. L. O. Reichelt. 2,349,882; May 30.
Multiple valve control. B. H. Mann, Jr. 2,339,867; Jan. 25.
Multiple ventilating system. E. S. Kemmer, J. E. Titus, and W. K. Oyler. 2,349,627; May 23.
Multiplex repeater. W. J. Zenner. 2,358,123; Sept. 12.
Multiplying machine. A. H. Dickinson. 2,350,499; June 6.
Multiplying machine. F. R. Saxby. 2,346,616; Apr. 11.
Multiplying machine. O. B. Shafer. 2,338,206; Jan. 4.
Multiplying machine. F. G. Wood. 2,340,851; Feb. 8.
Multiplying mechanism for checking dividing computations. J. W. Bryce. 2,343,399; Mar. 7.
Multipoint lubricati[illegible]. J. R. Cornelius. 2,350,877; June 6.
Multipolar circuit breaker. W. H. Frank and E. T. Platz. 2,343,612; Mar. 7.
Multipolar circuit breaker. E. T. Platz. 2,362,850; Nov. 14.
Multispeed governor. E. Martin and N. R. Richmond. 2,365,204; Dec. 19.
Multispeed motor. I. L. Stephan. 2,341,482; Feb. 8.
Multisupercharger control system. K. A. Browne and E. F. Pierce. 2,359,615; Oct. 3.
Multitray clarification. W. C. Weber. 2,343,836; Mar. 7.
Multiuse manifolding assembly. J. G. Kerr. 2,360,142; Oct. 10.
Multiuse manifolding assembly, Continuous. J. G. Kerr. 2,360,143; Oct. 10.
Multivibrator. E. H. B. Bartelink. 2,365,512; Dec. 19.
Multivibrator. A. A. MacDonald and J. L. Johnson. 2,356,071; Aug. 15.
Multizone air conditioning system. A. B. Newton. 2,351,695; June 20.
Munitions and tactical use of the same. C. D. Bourcier. 2,353,386; July 11.
Muntin assembly clip. M. G. Hodson. 2,351,127; June 13.
Mushroom spawn and subtrate therefor. G. Rettew. 2,338,259; Jan. 4.
Music leaf turner. R. Dominguez Agurcia. 2,352,605; July 4.
Musical device. L. G. Machlin and E. B. Kriegsfeld. 2,346,444; Apr. 11.
Musical instruction device. L. M. Lockhart. 2,338,816; Jan. 11.
Musical instrument. B. N. Fomeen. 2,351,497; June 13.
Musical instrument. J. O. Hruby, Jr. 2,352,438; June 27.
Musical instrument. C. P. Kimmel. 2,341,725; Feb. 15.
Musical instrument. N. Langer. 2,365,567; Dec. 19.
Musical instrument. D. Zaccagnino. 2,356,368; Aug. 22.
Musical instrument, Duophonic electrical. N. Langer. 2,365,566; Dec. 19.
Musical instrument, Electrical. J. M. Hanert. 2,357,191; Aug. 29.
Musical instruments, Multistringed. J. I. McDonald. 2,343,384; Mar. 7.
Musical score. L. J. Allen. 2,360,534; Oct. 17.
Musk materials and product thereof, Preparing. P. G. Stevens and J. L. E. Erickson. 2,364,041; Nov. 28.
Musketry training device. Z. de Lubicz-Bakanowski, F. J. Minns, and G. W. G. Norman. 2,349,615; May 23.
Muzzle attachment for guns. J. L. Hatcher. 2,339,263; Jan. 18.
Muzzle pressure indicator. J. C. Garand. 2,347,188; Apr. 25.
N-acyl-n-alkanol aromatic amines. A. B. Boese, Jr. 2,355,141; Aug. 8.
N-alkamine substituted derivatives of phthalimide. M. B. Moore. 2,343,198; Feb. 29.
N(alkyl, β-4-morpholylalkyl) amino-alkanol esters. E. H. Northey and M. E. Hultquist. 2,351,833; June 20.
N alkylol amides, Production of. F. T. Peters. 2,357,283; Sept. 5.

N-Allylnormorphine and its production. J. Weijlard and A. R. Erickson. 2,364,833; Dec. 12.
N-(amino-benzene-sulphonyl)-nitroso anilines and salts thereof, and preparing them. W. Braker and W. A. Lott. 2,347,242; Apr. 25.
N,N-(alpha-beta-alkylene)-acetamides and preparing them. H. Bestian. 2,339,046; Jan. 11.
N, N-dialkylamino alcohols, Production of. L. P. Kyrides. 2,365,825; Dec. 26.
N,N'-diarylamidines. J. T. Thurston and D. E. Nagy. 2,364,593; Dec. 5.
N-polyhydroxyalkyl-phenylamines and their preparation. F. Weygand. 2,354,846; Aug. 1.
N-substituted amides and preparing the same. F. M. Meigs. 2,347,494; Apr. 25.
N-substituted aminonaphthol dye intermediates. J. E. Kirby and D. W. Woodward. 2,365,345; Dec. 19.
Nail. W. A. Wisckol. 2,342,776–7; Feb. 29.
Nail and tack holder and finger guard. I. D. Davis. 2,349,962; May 16.
Nail device, Protective. E. F. Coates. 2,342,530; Feb. 22.
Nail driving device. J. T. Wheeler. 2,346,884; Apr. 18.
Nail holding tool. W. R. Cloer. 2,349,339; May 23.
Nail, Lead head. J. S. Maze. 2,353,315; July 11.
Nail or the like, Expansion. R. G. Boelter. 2,362,969; Nov. 21.
Nail, Plasterboard. T. P. Camp. 2,353,110; July 4.
Nail pulling tool. C. G. Formhals. 2,365,463; Dec. 19.
Nail, Self clinching. H. G. Cummings. 2,355,955; Aug. 15.
Nailing machine. J. P. Nelson. 2,341,737; Feb. 15.
Nailing strips, Method and apparatus for manufacturing metal. H. G. Kellogg. 2,363,972; Nov. 28.
Naphthenes, Isomerization of. W. J. Mattox. 2,365,894; Dec. 26.
Napkin dispenser. N. J. Slye and A. S. Krueger. 2,343,814; Mar. 7.
Nasal filter. H. A. Krill. 2,340,223; Jan. 25.
Natural colors floating signal. R. C. Hitt. 2,362,553; Nov. 14.
Navigation instruction device. C. J. Crane. 2,358,793; Sept. 26.
Navigation instrument. E. A. Link, Jr., and H. A. Marsh. 2,359,484; Oct. 3.
Navigation instrument. D. Polowe. 2,352,405; June 27.
Navigation instrument. J. P. Putnam. 2,357,131; Aug. 29.
Navigation instrument. J. F. Smillie. 2,351,884; June 20.
Navigation means. C. L. Quilien. 2,339,516; Jan. 18.
Navigation plotter, Air. W. J. Catlett, Jr. 2,343,883; Mar. 14.
Navigation trainer, Celestial. E. A. Link. 2,364,539; Dec. 5.
Navigation watch. E. F. Flint. 2,360,667; Oct. 17.
Navigational control means. C. J. Crane and R. K. Stout. 2,356,828; Aug. 29.
Navigational control means. C. J. Crane and R. K. Stout. 2,363,401; Nov. 21.
Navigational instrument. G. V. Plaut-Carcasson. 2,338,536; Jan. 4.
Navigational instrument. T. O. Summers, Jr. 2,346,796; Apr. 18.
Navigational instrument. L. A. Warner. 2,345,020; Mar. 28.
Navigational plotter. W. H. Tress and O. M. Deming. 2,360,911; Oct. 24.
Navigational system, Radio controlled. J. Dugan. 2,364,825; Dec. 12.
Neck and cap, Filler. F. P. Illsley. 2,340,593; Feb. 1.
Neck roll, Corrugated. W. R. Dawson. 2,363,656; Nov. 28.
Necktie. C. V. Kenney. 2,347,484; Apr. 25.
Necktie. H. and V. Naftali. 2,347,708; May 2.
Necktie and making same. M. Kleinmann. 2,347,692; May 2.
Necktie device. A. J. Fiumedoro. 2,350,104; May 30.
Necktie, Four-in-hand. J. J. Kaplan. 2,343,979; Mar. 14.
Necktie hanger. M. B. Lemin. 2,348,139; May 2.
Necktie press. J. P. Gantt. 2,352,427; June 27.
Necktie rack. W. Vonschott. 2,348,271; May 9.
Necktie roller mounting. C. V. Kenney. 2,347,485; Apr. 25.
Necktie sewing machine. A. I. Zimmer. 2,349,783; May 23.
Needle, Illuminated knitting. S. Shapiro. 2,344,370; Mar. 14.
Needle, Knitting. E. W. Burnham. 2,353,875; July 18.
Needle, Knitting. D. G. Scranton. 2,352,347; June 27.
Needle, Luminous knitting. W. W. Williams. 2,341,403; Feb. 8.
Needle threader. H. W. Appleton. 2,338,159; Jan. 4.
Needle tufting machine, Multiple. W. B. Patey. 2,352,153; June 20.
Needle-vibrating mechanism for sewing machines. F. Parry. 2,344,632; Mar. 21.
Negative, Photomechanical. B. Rudnick. Re. 22,421; Jan. 18.
Negative resistance. P. G. Edwards. 2,360,940; Oct. 24.
Negative resistance loading. R. K. Bullington. 2,360,932; Oct. 24.
Negatives, Producing dropout half-tone. A. H. Huttkay. 2,362,826; Nov. 14.
Neon sign. S. S. Guyral. 2,344,815; Mar. 21.
Nest Hen. W. E. Petty. 2,365,355; Dec. 19.
Nesting can. D. T. Clements and J. M. Kenderdine. 2,360,849; Oct. 24.
Net. M. Grabowsky. 2,357,890; Sept. 12.
Net and cap, Hair. E. P. Marder and W. N. Green. 2,345,407; Mar. 28.
Net, Camouflage. A. F. Schuler. 2,341,951; Feb. 15.
Net for vehicle tires and the like, Antiskid. L. A. Ederer. 2,341,316; Feb. 8.
Net, Hair. L. D. Després. 2,349,499; May 23.
Net, Hair. A. E. Hunter. 2,345,396; Mar. 28.
Net, Hair. S. Oliner. 2,349,299; May 23.
Net, Landing. F. J. Chapman. 2,354,942; Aug. 1.
Netted fabric machine. W. M. Boulais. 2,357,308; Sept. 5.
Network, Variable attenuation. P. H. Richardson. 2,348,572; May 9.
Network, Wave transmission. S. G. Hale. 2,362,549; Nov. 14.
Neutralizing circuit. W. Van B. Roberts. 2,344,734; Mar. 21.
Neutralizing inductive disturbances in magnetic reproducers. M. Camras. 2,351,006; June 13.
Neutrons or X-rays, Method and device for depicting objects by means of. H. I. Kallman and E. Kuhn. 2,344,043; Mar. 14.
New product, Providing a. J. E. Harvey, Jr., R. H. White, Jr., and J. A. Vaughan. 2,363,242; Nov. 21.
Newspaper assemblies, Producing. O. R. Wolf. 2,361,140; Oct. 24.
Nibbling machine. H. C. Wold. 2,364,334; Dec. 5.
Nickel catalyst. H. W. Vahlteich and R. H. Neal. 2,365,125; Dec. 12.
Nickel-chrome-tungsten alloy steels, Heat treating. A. W. Wheeler. 2,349,319; May 23.
Nickel-copper alloy castings, Making. E. M. Wise. 2,355,581; Aug. 8.
Nickel depositing bath and method. G. B. Hogaboom. 2,351,966; June 20.
Nickel electroflake pigment. N. B. Pilling and A. Wesley. 2,365,356; Dec. 19.
Nickel electroplating bath. W. P. terHorst. 2,361,720; Oct. 31.
Nickel from ores, Separation of. A. Kissock. 2,341,873; Feb. 15.
Nickel salts, Purification of. H. M. Shepard and C. A. Knierim. 2,356,183; Aug. 22.
Nicotine-basic metallic salt insecticides and making them. F. E. Dearborn. 2,360,042; Oct. 10.
Nipple, Backstop. B. E. Bailey. 2,350,863; June 6.
Nitrate esters xanthine derivatives and making them. J. H. Speer. 2,351,843; June 20.
Nitration apparatus. W. D. Crater. 2,363,824; Nov. 28.
Nitriles, Production of. B. T. Brooks. 2,364,422; Dec. 5.
Nitriles, Purification of. W. L. Semon. 2,351,157; June 13.
Nitrocellulose, Pulping smokeless. C. B. Kingery. 2,341,221; Feb. 8.
Nitro-chromane. O. Hromatka. 2,343,773; Mar. 7.
Nitro compounds, Catalytic hydrogenation of. W. V. Freed and F. K. Signaigo. 2,344,244; Mar. 14.
Nitro compounds with polysulphides and product thereof, Condensation of. E. M. Nygaard. 2,347,840; May 2.
Nitro hydrocarbons, Production of chlorinated. J. B. Tindall. 2,365,981; Dec. 26.
Nitro hydroxy compounds, Reduction of. J. B. Tindall. 2,347,621; Apr. 25.
Nitrogen bases. C. L. Read and A. P. Hewlett. 2,345,005; Mar. 28.
Nitrogen compounds and producing same, Organic. W. Reppe, O. Hecht, and E. Gassenmeier. 2,342,493; Feb. 22.
Nitrogen derivatives, Aminoalkylation of. A. L. Wilson. 2,364,178; Dec. 5.
Nitrogen-phosphoric acid compounds for water softening, Preparation of. R. Watsel. 2,338,987; Jan. 11.
Nitrogen-phosphoric acid compounds, Production of. R. Watzel. 2,350,850; June 6.
Nitrogenous condensation products. P. Schlack. 2,343,806; Mar. 7.
Nitrogenous heterocyclic compounds, Production. K. Kumetat and O. Riester. 2,349,179; May 16.
Noise balancing. R. B. Dome. 2,354,508; July 25.
Noise eliminator. J. E. Valentine. 2,345,842; Apr. 4.
Noise limiter. R. S. Holmes. 2,339,857; Jan. 25.
Noise limiter circuit. C. C. Martinelli. 2,345,762; Apr. 4.
Noise limiter circuit. L. E. Thompson. 2,357,963; Sept. 12.
Noise maker. H. Cohen. 2,340,212; Jan. 25.
Noise reduction circuit. R. L. Haynes. 2,359,989; Oct. 10.
Noise reduction in signal transmission systems. H. L. Barney. 2,358,045; Sept. 12.
Noise reduction signaling system. M. W. Baldwin, Jr. 2,343,434; Mar. 7.
Noise reduction system. R. L. Hollingsworth. 2,344,697; Mar. 21.
Noise reduction system. F. F. Shoup. 2,355,162; Aug. 8.
Noiseless propeller. C. E. Ellett. 2,340,417; Feb. 1.

Noiseless sound system. J. R. Cooney. 2,347,084; Apr. 18.
Nonaqueous drilling fluid. R. D. Dawson and C. F. Blankenhorn. 2,350,154; May 30.
Nonchattering relief valve. R. G. Holt. 2,351,512; June 13.
Nondiffusing acylacetyl-sulphonamide coupler. A. Weissberger. 2,350,138; May 30.
Nonmetallic electrical resistance materials, Manufacture of. K. Bielfeld. 2,340,506; Feb. 1.
Nonmetallic sheathed conductor, Method and apparatus for making. C. W. Abbott. 2,351,589; June 20.
Nonnumerical hunting switch. G. Deakin. 2,339,063; Jan. 11.
Non-pipe-marking wrench. A. Boynton. 2,339,760; Jan. 25.
Nonporous metal articles, Manufacture of. W. D. Jones. 2,343,978; Mar. 14.
Nonrefillable box. W. H. Inman. 2,340,753; Feb. 1.
Nonrefillable container. S. H. Benjamin. 2,344,961; Mar. 28.
Nonskid device. C. W. Hunter. 2,356,931; Aug. 29.
Nonskid device. D. S. Kennedy. 2,347,415–6; Apr. 25.
Nonsmudge lip protector. K. Torjussen and J. Ingram. 2,358,484; Sept. 19.
Nonspill vent means. A. F. C. Gregory. 2,343,663; Mar. 7.
Nonstaining coated fabric. M. H. Chamberlin. 2,344,495; Mar. 21.
Nose protector. E. D. Felch. 2,364,354; Dec. 5.
Notching apparatus. G. F. Wales. 2,363,630; Nov. 28.
Notebook plastic binding, Making. C. W. Thomas. 2,354,094; July 18.
Novel furfuryl alcohol-formaldehyde acid condensation resinous product and preparing the same. M. T. Harvey. 2,343,972; Mar. 14.
Novel resilient heel construction. M. Margolin. 2,350,362; June 6.
Novelty yarn, Making elastic. S. W. Alderfer. 2,354,449; July 25.
Nozzle. M. L. Edwards. 2,341,859; Feb. 15.
Nozzle. J. E. Ferguson and C. W. McCreery. 2,362,433; Nov. 7.
Nozzle. W. R. Harriman. 2,345,813; Apr. 4.
Nozzle. W. R. Harriman and H. Foster. 2,345,812; Apr. 4.
Nozzle. J. F. Hoffer. 2,351,965; June 20.
Nozzle. J. O. Lewis. 2,364,905; Dec. 12.
Nozzle. L. W. Roser. 2,342,757; Feb. 29.
Nozzle, Adjustable reaction. A. Franz and S. Decher. 2,342,262; Feb. 22.
Nozzle, Air. F. W. Brubaker. 2,344,492; Mar. 21.
Nozzle, Automatic shutoff. L. F. Hammand. 2,343,903; Mar. 14.
Nozzle, Blast burner. E. J. Haedike. 2,357,468; Sept. 5.
Nozzle construction. C. K. Huthsing. 2,351,430; June 13.
Nozzle construction, Hydrocarbon fuel burner. O. Fortis. 2,346,307; Aug. 22.
Nozzle, Faucet spray. M. L. Anderson. 2,352,359; June 27.
Nozzle, Fire extinguishing. R. B. Larter. 2,343,305; Mar. 7.
Nozzle, Fog. G. F. Hurst. 2,364,848; Dec. 12.
Nozzle, Fog. G. R. Meador. 2,349,449; May 23.
Nozzle, Fog stream. G. F. Hurst. 2,342,050; Feb. 15.
Nozzle for desurfacing metal. A. P. Scheller. 2,353,318; July 11.
Nozzle for duodenal pump tubes. C. de Paiva Aguiar. 2,356,659; Aug. 22.
Nozzle for hollow glassware, Cooling. T. D. Green. 2,345,808; Apr. 4.
Nozzle for liquid discharge. F. J. Wiegand. 2,338,888; Jan. 11.
Nozzle for pump type fire extinguishers. A. G. Horvath. 2,365,758; Dec. 26.
Nozzle for the manufacture of mineral wool. M. E. Callander. 2,344,125; Mar. 14.
Nozzle for the production of artificial hollow threads, Spinning. H. Holzmann. 2,360,680; Oct. 17.
Nozzle, Gasoline dispensing. L. F. Hammand. 2,354,209; July 25.
Nozzle, Hose. A. L. Grisé. 2,361,685; Oct. 31.
Nozzle, Hose. I. Jepson. 2,358,515; Sept. 19.
Nozzle lining machine. J. M. Hothersall. 2,341,552; Feb. 15.
Nozzle, Metallic arc welding. W. E. Smith. 2,347,646; May 2.
Nozzle, Quenching. J. P. Tarbox. 2,359,171; Sept. 26.
Nozzle, Quenching. J. P. Tarbox. 2,359,690; Oct. 3.
Nozzle, Refueling. J. A. Jensen. 2,357,657; Sept. 5.
Nozzle, Spray. R. D. Madison. 2,358,177; Sept. 12.
Nozzle, Spray. W. D. Wilkins. 2,338,273; Jan. 4.
Nozzle, Whistling. L. F. Hammand. 2,360,338; Oct. 17.
Nucleated hydrocarbons and synthesizing them. J. H. James. 2,345,704; Apr. 4.
Number or letter assembly device, E. A. Crosby. 2,342,847; Feb. 29.
Nursing bottle holder. H. Hyams. 2,342,051; Feb. 15.
Nursing bottle holder. H. Hyams. 2,348,816; May 16.
Nursing bottle holder. H. J. Kerth. 2,364,537; Dec. 5.
Nursing bottle holder. J. J. Lawrence. 2,354,955; Aug. 1.
Nursing bottle holder. L. Morrow. 2,362,020; Nov. 7.
Nursing bottle holder. N. S. Phipps. 2,349,054; May 16.
Nut. L. A. Young. 2,344,381; Mar. 14.
Nut and bolt, Threadless. H. P. Haggerty. 2,364,288; Dec. 5.
Nut, Bolt and lock. J. E. Whitfield. 2,355,253; Aug. 8.
Nut cracking machine. J. F. Lotspeich. 2,346,980; Apr. 18.
Nut-cracking machine. J. R. Perez. 2,343,874; Mar. 14.
Nut-cracking machine. C. C. Wright. 2,339,596; Jan. 18.
Nut fastener or the like, Spring. G. A. Tinnerman. 2,358,837; Sept. 26.
Nut gathering device. E. A. Fleming. 2,346,211; Apr. 11.
Nut installation for blind fastenings. F. E. Johnson. 2,365,137; Dec. 12.
Nut lock. E. B. Johnson. 2,360,236; Oct. 10.
Nut, Lock. J. R. Polizzi. 2,365,433; Dec. 19.
Nut, Lock. I. Richardson. 2,348,308; May 9.
Nut, Lock. B. Sosnick. 2,350,647; June 6.
Nut, Lock. E. A. Wojtan. 2,360,531; Oct. 17.
Nut lock construction. L. Tarwater and W. R. McKenzie. 2,361,979; Nov. 7.
Nut, Self-locking. W. Ruthven. 2,346,456; Apr. 11.
Nut, Self-locking. A. H. Thompson. 2,347,852; May 2.
Nut setter. P. Van Sittert and A. J. Lev. 2,339,531; Jan. 18.
Nut setter. P. Van Sittert and A. J. Lev. 2,343,596; Mar. 7.
Nut, Stop. S. Bloomfield. 2,365,380; Dec. 19.
Nut tapping machine. H. C. Tangowski. 2,356,100; Aug. 15.
Nut to be fixed by an adhesive. J. Meisterhans. 2,344,102; Mar. 14.
Nuts and other screw-threaded members, Manufacture of. J. Youhill. 2,352,505; June 27.
Nuts, Manufacture of self-locking. A. H. Thompson. 2,347,853; May 2.
Nutrient material, Making a. E. H. Stuart. 2,364,008; Nov. 28.
Nylon to rubber, Improving the adhesion of. D. L. Loughborough. 2,349,290; May 23.
Oar. M. T. Witt. 2,343,726; Mar. 7.
Oarlock. C. S. Anderson. 2,349,692; May 23.
Oar or paddle. W. R. Ford. 2,347,475; Apr. 25.
Oat product. S. Musher. 2,355,026; Aug. 1.
Object support for electron microscopes. J. Hillier. 2,360,677; Oct. 17.
Observation tower, and the like, Prefabricated. C. F. Goudy. 2,358,704; Sept. 19.
Obstruction lighting structure. C. K. Lamb. 2,358,014; Sept. 12.
Octagonal box. G. Loth. 2,347,422; Apr. 25.
Octant time and altitude correlating device. I. E. Hobbs. 2,340,324; Feb. 1.
Ocular and mathematical computation device. Combined. C. M. Johnson. 2,353,309; July 11.
Offset keyway gauge. A. J. Casali. 2,351,105; June 13.
Offset printing press. I. A. Hunting. 2,356,058; Aug. 15.
Offset rotor vane pump. W. H. Curtis. 2,352,941; July 4.
Ohmmeter. H. S. Macadie and H. Fraenkel. 2,359,779; Oct. 10.
Oil additive. A. L. Bayes. 2,364,122; Dec. 5.
Oil agent, Lubricating. E. Lieber and C. E. Hodges. 2,350,562; June 6.
Oil and additive therefor, Lubricating. E. W. Cook and W. D. Thomas, Jr. 2,350,959; June 6.
Oil and air control mechanism for burners. R. W. Johnson and V. R. Pawelsky. 2,351,973; June 20.
Oil, and emulsion from oil wells, Treating crude. R. W. Erwin. 2,354,856; Aug. 1.
Oil and fat, Edible. S. Shappirio. 2,338,207; Jan. 4.
Oil and gas range, Combination. W. T. Caley. 2,353,689; July 18.
Oil and gas wells, Control and prevention of caving and sliding in drilling. E. A. Means. 2,349,050; May 16.
Oil and water separating system for association with air compressors. W. R. Freeman and C. B. Fites. 2,361,393; Oct. 31.
Oil, Artificial drying. H. L. Gerhart. 2,361,018; Oct. 24.
Oil-bearing horizon, Detecting the penetration of an. J. G. Campbell. 2,361,261; Oct. 24.
Oil-bearing strata, Increasing productivity of subterranean. C. M. Blair, Jr., and S. Lehmann, Jr. 2,356,205; Aug. 22.
Oil blends, Lubricating. D. W. Young and H. C. Evans. 2,344,912; Mar. 21.
Oil burner. F. W. Bentley. 2,355,945; Aug. 15.
Oil burner. W. C. Brown. 2,357,454; Sept. 5.
Oil burner. C. L. Cooper. 2,353,880; July 18.
Oil burner. W. H. De Lancey. 2,364,132; Dec. 5.
Oil burner. J. East, I. J. Shelton, and H. R. Harris. 2,344,398; Mar. 14.
Oil burner. K. M. Hammell. 2,357,587; Sept. 5.
Oil burner. T. I. Krauska. 2,344,822; Mar. 21.
Oil burner. W. H. Link. 2,345,823; Apr. 4.
Oil burner. A. P. Llivar. 2,360,503; Oct. 17.
Oil burner. T. Nagel. 2,359,049; Sept. 26.
Oil burner. H. C. Rohr and P. R. Contant. 2,346,398; Apr. 11.
Oil burner. C. M. Snyder. 2,351,372; June 13.
Oil burner. B. I. J. Stamm. 2,348,760; May 16.
Oil burner. J. T. Stone and W. J. Schuerholz, Jr. 2,356,015; Aug. 15.

Oil burner, Air and fuel preheating. W. Roberts. 2,361,871; Oct. 31.
Oil-burner construction. G. I. Carter. 2,355,631; Aug. 15.
Oil burner control and apparatus therefor. J. Urbas and C. Sivona. 2,360,179; Oct. 10.
Oil burner for stoves and the like. W. T. Caley. 2,355,381; Sept. 19.
Oil burner unit. S. J. Levine. 2,359,567; Oct. 3.
Oil burning apparatus. W. W. Hallinan. 2,338,846; Jan. 11.
Oil burning apparatus. C. J. Kessler. 2,347,268; Apr. 25.
Oil-burning apparatus. W. J. Smith and A. Von Haase. 2,354,223; July 25.
Oil burning apparatus. E. R. Wolfert and W. R. Lyman. 2,360,924; Oct. 24.
Oil burning device. B. F. Castle and W. W. Wodell. 2,355,745; Dec. 26.
Oil burning equipment and controlling mechanism therefor. H. D. Bliss. 2,362,045; Nov. 7.
Oil burning furnaces to coal-burning ones, Converting. M. H. Garfunkle. 2,359,635; Oct. 3.
Oilcan, Force feed. G. Lidseen. 2,340,480; Feb. 1.
Oil, Catalytic conversion of. D. Eastman and C. Richker. 2,361,182; Oct. 24.
Oil, Catalytically desulphurizing hydrocarbon. M. W. Coon. 2,355,366; Aug. 8.
Oil, Chlorinating mineral. L. R. Churchill, J. E. Schott, and S. P. Waugh. 2,365,053; Dec. 12.
Oil circuit breaker. J. Slepian. 2,365,602; Dec. 19.
Oil clarifier. G. H. Amsden. 2,338,158; Jan. 4.
Oil cleaner. H. A. Klinkhamer. 2,349,174; May 16.
Oil cleaner. W. H. Manning and C. F. Smart. 2,357,482; Sept. 5.
Oil, Coking hydrocarbon. F. R. Russell. 2,366,057; Dec. 26.
Oil composition and improving agent therefor, Mineral. O. M. Reiff and J. J. Giammaria. 2,357,359; Sept. 5.
Oil composition and method thereof, Stabilized fuel. E. L. Sargent and E. A. Oberright. 2,353,192; July 11.
Oil composition and oil additive, Lubricating. J. S. Yule. 2,343,608; Mar. 7.
Oil composition, condensation product to be admixed therewith and its preparation, Lubricating. E. Lieber and A. F. Cashman. 2,341,453; Feb. 8.
Oil composition, Crankcase lubricating. E. W. Cook. 2,361,746; Oct. 31.
Oil composition, Lubricating. W. L. Finley. 2,356,043; Aug. 15.
Oil composition, Lubricating. J. G. McNab, C. J. Wilson, and C. Winning. 2,365,712; Dec. 26.
Oil composition, Lubricating. S. Musher. 2,339,798; Jan. 25.
Oil composition, Lubricating. J. F. Nelson. 2,354,536; July 25.
Oil composition, Lubricating. E. A. Oberright. 2,353,491; July 11.
Oil composition, Lubricating. F. P. Otto. 2,361,352; Oct. 24.
Oil composition, Lubricating. R. W. Richardson, F. L. Miller, and C. Winning. 2,354,547; July 25.
Oil composition, Lubricating. R. Rosen. 2,360,623; Oct. 17.
Oil composition, Mineral. D. E. Badertscher. 2,355,257; Aug. 8.
Oil composition, Mineral. E. W. Fuller. 2,350,746; June 6.
Oil composition, Mineral. R. F. McCleary. 2,361,043; Oct. 24.
Oil composition, Mineral. O. M. Reiff and J. J. Giammaria. 2,357,287; Sept. 5.
Oil composition, Rosin base ester-drying. F. G. Oswald. 2,343,021; Feb. 29.
Oil compositions, Lubricating. P. R. Van Ess and E. R. White. 2,352,669; July 4.
Oil, Compounded. G. H. Denison, Jr., and P. C. Condit. 2,340,153; Apr. 11.
Oil, Compounded. G. H. Denison, Jr., and P. C. Condit. 2,340,155; Apr. 11.
Oil, Compounded. B. B. Farrington, J. O. Clayton, and D. H. Etzler. 2,356,754; Aug. 29.
Oil, Compounded. B. B. Farrington, J. O. Clayton, and D. H. Etzler. 2,363,510–12; Nov. 28.
Oil, Compounded. B. B. Farrington, V. M. Kostainsek, and G. H. Denison, Jr. 2,346,157; Apr. 11.
Oil, Compounded. A. L. Lyman and L. H. Mullt. 2,341,565; Feb. 15.
Oil, Compounded mineral. F. W. Kavanagh, B. B. Farrington, and J. O. Clayton. 2,344,988; Mar. 28.
Oil, Compounded mineral. R. J. Miller and J. T. Rutherford. 2,363,012; Nov. 21.
Oil conditioner. C. A. Winslow and L. L. Moore. 2,340,848; Apr. 4.
Oil-containing composition, Nonfoaming. J. C. Zimmer and W. Seitz. 2,355,255; Aug. 8.
Oil control device. R. W. Johnson. 2,355,870; Aug. 15.
Oil control device. R. W. Johnson, W. A. Biermann, and V. R. Pawelsky. 2,354,755; Aug. 1.
Oil conversion with catalyst, Petroleum. J. C. Ballie and M. J. See. 2,343,295; Mar. 7.
Oil conversion with catalyst, Petroleum. J. C. Ballie and M. J. See. 2,343,731; Mar. 7.
Oil, Converting. D. B. Bell. 2,347,805; May 2.
Oil conveying member for journal boxes. W. Blackmore. 2,365,042; Dec. 12.
Oil cooler. E. Garner. 2,352,704; July 4.
Oil cooler. G. W. Gerstung and H. Walker. 2,360,123; Oct. 10.
Oil cooler control. G. H. Gill. 2,354,371; July 25.
Oil cooler controlling structure. H. L. Chisholm, Jr. 2,353,610; July 11.
Oil cooler for aircraft engines. I. L. Shogran. 2,359,533; Oct. 3.
Oil cooler having protective and control means. B. Burns. 2,354,362; July 25.
Oil cooling device. J. E. Chapman. 2,354,364; July 25.
Oil, Corrosion-preventive hydrocarbon. A. P. Anderson. 2,344,016; Mar. 14.
Oil cracking in soakers. C. D. Bayne. 2,341,353; Feb. 8.
Oil, Cracking of hydrocarbon. E. J. Gohr. 2,351,422; June 13.
Oil cracking process. E. C. Herthel. 2,363,963. Nov. 28.
Oil decolorizing and calcium silicate compositions therefor. C. C. Winding. 2,359,342; Oct. 3.
Oil, Deodorized. R. H. Neal. 2,351,832; June 20.
Oil, Dewaxing wax-bearing. W. P. Gee. 2,358,921; Sept. 26.
Oil distillation purifier, Absorption. C. O. Meyers. 2,353,176; July 11.
Oil, Extraction of drying. R. F. Ruthruff and D. F. Wilcox. 2,355,605; Aug. 15.
Oil filter. C. N. Bentley. 2,343,636; Mar. 7.
Oil filter. L. D. Fulton. 2,346,018; Apr. 4.
Oil filter. J. M. Levier. 2,365,766; Dec. 26.
Oil filter. J. H. Long. 2,342,949; Feb. 29.
Oil filter. A. T. Parry. 2,364,240; Dec. 5.
Oil filter. J. W. Wilkinson. 2,354,238; July 25.
Oil filter and cooler. E. O. Lance. 2,358,933; Sept. 26.
Oil float operated switch. W. W. Williams. 2,346,880; Apr. 18.
Oil from coal tar, Producing valuable. J. E. Harvey, Jr. 2,349,721; May 23.
Oil from oil fields, Recovery of. M. Muskat. 2,365,428; Dec. 19.
Oil from oil sands, Recovering. K. D. Detling. 2,341,500; Feb. 8.
Oil from viscous deposits, Producing. L. Ranney. 2,365,591; Dec. 19.
Oil fuel feed device. J. E. Blanding. 2,352,682; July 4.
Oil gas generator. M. M. Brandegee. 2,345,529; Mar. 28.
Oil gasification, Fuel. C. E. Hemminger. 2,346,754; Apr. 18.
Oil heater. O. C. Schauble. 2,363,266; Nov. 21.
Oil hole drill. R. W. Andreasson. 2,348,874; May 16.
Oil, Hydrogenation of. M. M. Durkee. 2,353,229; July 11.
Oil, Inhibited. S. P. Waugh. 2,342,027; Feb. 15.
Oil, Inhibiting foaming of viscous petroleum. C. N. Rill. 2,353,587; July 11.
Oil intercepter. E. W. N. Boosey. 2,348,723; May 16.
Oil into components, Separation of tall. F. W. Adams. 2,363,925; Nov. 28.
Oil leakage indicator. A. E. McCawley. 2,344,315; Mar. 14.
Oil, Lubricating. E. W. Cook and P. H. Moss. 2,345,239; Mar. 28.
Oil, Lubricating. E. W. Cook and W. D. Thomas, Jr. 2,344,395; Mar. 14.
Oil, Lubricating. F. B. Downing and H. M. Fitch. 2,356,661; Aug. 22.
Oil, Lubricating. B. H. Lincoln, G. D. Byrkit, and W. L. Steiner. 2,350,783; June 6.
Oil, Lubricating. R. F. McCleary. 2,363,134; Nov. 21.
Oil, Lubricating. J. D. Morgan. 2,340,073; Jan. 25.
Oil, Lubricating. S. Musher. 2,339,796–7; Jan. 25.
Oil, Lubricating. J. A. Reid. 2,360,446; Oct. 17.
Oil, Lubricating. S. M. Roberts. 2,345,156; Mar. 28.
Oil, Lubricating. C. C. Towne. 2,364,830; Dec. 12.
Oil, Lubricating. P. R. van Ess. 2,359,063; Sept. 26.
Oil, Method and apparatus for treating crude. G. de Bretteville. 2,347,877; May 2.
Oil, Method of pumping. D. S. Kaufman. 2,357,660; Sept. 5.
Oil, Mineral. O. M. Reiff. 2,355,240; Aug. 8.
Oil, Mineral. O. M. Reiff. 2,359,331; Oct. 3.
Oil, Modified drying. B. C. Pratt and H. S. Rothrock. 2,358,475; Sept. 19.
Oil, Modified lubricating. H. C. Freuler. 2,364,283–4; Dec. 5.
Oil, Modified lubricating. D. R. Merrill. 2,361,806; Oct. 31.
Oil, moisture, and gas separator. E. J. Beach. 2,353,138; July 11.
Oil, Nonrusting turbine. L. C. Beard, Jr., and R. Bulkley. 2,342,636; Feb. 29.
Oil pilot with supplemental air supply. J. L. Breese. 2,355,416; Aug. 8.
Oil, Preparation of hydrogenated glyceridic. C. J. Borkowski and J. L. Schille. 2,365,045; Dec. 12.
Oil, Producing. M. C. Leverett and G. G. Wrightsman. 2,366,036; Dec. 26.
Oil production and decreasing water production of wells, Increasing. M. Williams. 2,366,078; Dec. 26.
Oil production, Lubricating. G. R. Lake. 2,358,128; Sept. 12.
Oil prospecting method. M. S. Taggart, Jr. 2,349,472; May 23.

Oil purifying system. L. P. Sharples. 2,354,352; July 25.
Oil reclaimer, Lubricating. B. Morris. 2,346,042; Apr. 4.
Oil, Reclaiming used and partly oxidized lubricating. G. G. Oberfell. 2,339,717; Jan. 18.
Oil reclamation, Absorption. S. C. Carney. 2,339,680; Jan. 18.
Oil refiner pack casing. A. R. White. 2,341,888; Feb. 15.
Oil, Refining mineral. C. Zerbe. 2,352,064; June 20.
Oil, Refining mineral. A. Voorhies, Jr. 2,365,029; Dec. 12.
Oil, Refining of. R. B. Thacker, Jr. 2,340,157; Jan. 25.
Oil, Refining tall. F. H. Gayer and C. E. Fawkes. 2,359,415; Oct. 3.
Oil refining, Vegetable. P. D. Boone. 2,351,184; June 13.
Oil, Removal of undesirable sulphur compounds from petroleum. J. R. Schomberg. 2,344,418; Mar. 14.
Oil residue from magnesium articles, Removing carbonized. H. K. De Long. 2,346,562; Apr. 11.
Oil return arrangement. M. B. Goddard and R. C. Oeler. 2,364,783; Dec. 12.
Oil saver. O. Elsebusch. 2,365,533; Dec. 19.
Oil saver. J. A. L. Kelley. 2,351,343; June 13.
Oil saver. W. J. Miller. 2,353,412; July 11.
Oil saver and rod stripper. B. A. Harroun. 2,345,815; Apr. 4.
Oil seal. J. A. Antonelli. 2,348,586; May 9.
Oil seal. H. M. Dodge. 2,345,588; Apr. 4.
Oil seal. H. L. Northrup. 2,362,843; Nov. 14.
Oil seal. H. F. Petch. 2,350,697; June 6.
Oil sealing ring assembly. A. Paloncy. 2,357,967; Sept. 12.
Oil, Separation of the constituents of tall. F. H. Gayer and C. E. Fawkes. 2,348,971; May 16.
Oil, Separation of the constituents of tall. F. H. Gayer and C. E. Fawkes. 2,356,988; Aug. 29.
Oil settling tank. R. T. Anderson. 2,365,442; Dec. 19.
Oil skimmer. C. L. Pruiett and H. W. Amner. 2,345,426; Mar. 28.
Oil-soluble sulphonates, Refining. F. M. Archibald and D. van Dijk. 2,357,866; Sept. 12.
Oil solutions of alkaline earth metal sulphonates, Production of. H. B. Higbee and W. K. Griesinger. 2,361,476; Oct. 31.
Oil, Stabilized white. F. M. Archibald and C. A. Harris. 2,340,920; Feb. 8.
Oil sump drain valve. J. J. Hennessy. 2,353,467; July 11.
Oil sump ventilation. E. H. Kelley. 2,357,522; Sept. 5.
Oil tank for airplane engines. P. A. Anderson. 2,364,119; Dec. 5.
Oil temperature regulating structure. G. M. Magrum, H. L. Chisholm, Jr., and A. D. Hodge. 2,353,577; July 11.
Oil thickener. W. M. Smith and W. J. Sparks. 2,341,395; Feb. 8.
Oil, Treating soybean. P. Oertling. 2,363,016; Nov. 21.
Oil, Treatment of hydrocarbon. W. Schreiber. 2,365,974; Dec. 26.
Oil, Turbine. D. B. Luten, Jr. 2,351,347; June 13.
Oil, Vegetable. W. W. Ginn. 2,349,546; May 23.
Oil, Vulcanizing. H. S. Polin and A. I. Nerken. 2,346,702; Apr. 18.
Oil well casing pump. H. D. Collins. 2,363,644; Nov. 28.
Oil well drill bit. W. S. E. Crake. 2,365,941; Dec. 26.
Oil well drilling unit. L. Yost. 2,353,534; July 11.
Oil well filter. H. H. Holmes and W. E. Lawson. 2,357,589; Sept. 5.
Oil well filter. H. H. Holmes and W. E. Lawson. 2,365,639; Dec. 19.
Oil well liner screen. W. S. E. Crake. 2,353,881; July 18.
Oil well pump. G. F. Downs. 2,340,943; Feb. 8.
Oil well pump and the like. R. L. Chenault. 2,349,649; May 23.
Oil well pump and the like. R. L. Chenault. 2,356,504; Aug. 22.
Oil well pump packing box. C. L. Pruiett. 2,340,016; Jan. 25.
Oil well pumping jack unit, Long stroke deep. L. A. Blackburn. 2,351,183; June 13.
Oil well pumping means. C. E. Bridwell. 2,348,241; May 9.
Oil well testing device. G. A. Raynor. 2,347,281; Apr. 25.
Oil wells and the like, Method and apparatus for cleaning. L. N. Scheuermann and G. B. Pecot. 2,352,805; July 4.
Oil wells, Improving. T. V. Moore and G. E. Cannon. 2,345,713; Apr. 4.
Oiler for caliber .50 cartridge cases for tapering machines, Automatic. L. J. Znamierowski. 2,364,683; Dec. 12.
Oiling device. J. H. Anderson. 2,349,131; May 16.
Oiling device and oil gauge stick, Combined. T. J. Keenan. 2,363,424; Nov. 21.
Oils, Aluminum chloride treatment of hydrocarbon. V. I. Komarewsky and L. A. Mekler. 2,355,446; Aug. 8.
Oils and resin products resulting therefrom, Treatment of resin. E. L. Cline. 2,356,384; Aug. 22.
Oils and the like, Lubricating. B. B. Farrington, J. O. Clayton, and D. H. Etzler. 2,363,514; Nov. 28.
Oils as antistatic lubricants, Self-emulsifying phosphated and phosphited. J. B. Dickey and J. G. McNally. 2,345,734; Apr. 4.
Oils, Beneficiated mineral. J. M. Musselman. 2,365,209; Dec. 19.
Oils, Catalytic conversion of hydrocarbon. I. H. Kinneberg. 2,345,753; Apr. 4.
Oils, Catalytic cracking of hydrocarbon. G. Free, W. v. Fuener, and O. Goehre. 2,356,576; Aug. 22.
Oils, Catalytically converting hydrocarbon. L. C. Rubin. 2,357,136; Aug. 29.
Oils, Coking hydrocarbon. A. H. Schutte. 2,361,066; Oct. 24.
Oils, Compounded. G. L. Neely and F. W. Kavanagh. 2,356,685; Aug. 22.
Oils, Compounded hydrocarbon. B. B. Farrington, J. O. Clayton, and D. H. Etzler. 2,363,516; Nov. 28.
Oils, Conversion of. C. W. Tyson and C. O. Tongberg. 2,340,478; May 23.
Oils, Conversion of hydrocarbon. G. C. Connolly. 2,364,949; Dec. 12.
Oils, Conversion of hydrocarbon. W. E. Kuhn. 2,343,192; Feb. 29.
Oils, Conversion of hydrocarbon. W. E. Kuhn. 2,345,129; Mar. 28.
Oils, Conversion of hydrocarbon. E. D. Reeves. 2,348,646; May 9.
Oils, Conversion of hydrocarbon. K. M. Watson. 2,361,891; Oct. 31.
Oils, Conversion of petroleum. W. A. Smith. 2,356,952; Aug. 29.
Oils, Converting hydrocarbon. W. J. Degnen, H. M. Nelly, Jr., and P. C. Keith, Jr. 2,350,730; June 6.
Oils, Converting hydrocarbon. R. E. Lidov. 2,340,814; Feb. 1.
Oils, Corrosion inhibitors for lubricating. J. Faust. 2,349,785; May 23.
Oils, Cracking and coking hydrocarbon. J. M. Barron. 2,343,848; Mar. 7.
Oils, Cracking hydrocarbon. H. B. Cooke. 2,358,149–50; Sept. 12.
Oils, Cracking hydrocarbon. L. de Flores and J. W. Gray. 2,345,558; Apr. 4.
Oils, Cracking hydrocarbon. P. Ostergaard. 2,358,183–4; Sept. 12.
Oils, Destructive hydrogenation of hydrocarbon. L. Schmerling. 2,344,789; Mar. 21.
Oils, Desulphurization of hydrocarbon. R. D. Bent and C. A. Pines. 2,340,922; Feb. 8.
Oils, Dewaxing. D. G. Brandt. 2,347,809; May 2.
Oils, Drying. T. F. Bradley. 2,350,583; June 6.
Oils, Flushing. M. T. Flaxman. 2,355,591; Aug. 8.
Oils, Hydrocarbon. B. B. Farrington, J. O. Clayton, and D. H. Etzler. 2,363,515; Nov. 28.
Oils, Hydrocarbon drying. M. W. Swaney. 2,363,910; Nov. 28.
Oils, Hydrogenating edible. W. J. Paterson. 2,357,352; Sept. 5.
Oils, Lubricating. C. H. Barton and T. P. Hughes. 2,365,856; Dec. 26.
Oils, Lubricating. L. L. Davis, B. H. Lincoln, and G. D. Byrkit. 2,364,622; Dec. 12.
Oils, Manufacture of improved lubricating. R. W. Henry. 2,356,843; Aug. 29.
Oils, Manufacture of lubricating. R. D. Evans and J. V. Montgomery. 2,340,947; Feb. 8.
Oils, Manufacture of lubricating. J. M. Musselman. 2,361,787; Oct. 31.
Oils, Modified lubricating. C. E. Wilson. 2,361,803; Oct. 31.
Oils, Process and reagent for demulsifying. M. S. Agruss and H. Schindler. 2,365,852; Dec. 26.
Oils, Processing of heavy gas. C. E. Hemminger. 2,341,376; Feb. 8.
Oils, Producing white. C. A. Cohen. 2,348,609; May 9.
Oils, Production and purification of fatty. D. S. Bolley. 2,352,883; July 4.
Oils, Production of drying. T. F. Bradley. 2,348,708; May 16.
Oils, Production of physiologically inert. E. B. Peck. 2,354,540; July 25.
Oils, Refining. F. A. Apgar. 2,365,993; Dec. 26.
Oils, Refining mineral. A. P. Hewlett and H. C. Paulsen. 2,348,623; May 9.
Oils, Refining mineral. R. D. Howard. 2,338,941; Jan. 11.
Oils, Refining mineral. J. V. Montgomery, L. B. Goodson, and R. W. Henry. 2,356,777; Aug. 29.
Oils, Refining mineral. R. F. Pfennig and C. R. Davis. 2,339,875; Jan. 25.
Oils, Refining mineral. A. J. Shmidl. 2,347,515; Apr. 25.
Oils, Refining of mineral. C. R. Davis, J. J. Savelli and J. L. Franklin, Jr. 2,340,939; Feb. 8.
Oils, Refining of mineral. H. J. Dempsey. 2,346,734; Apr. 18.
Oils, Refining of mineral. H. J. Hibshman. 2,344,406; Mar. 14.
Oils, Refining of mineral. H. C. Paulsen. 2,343,794; Mar. 7.
Oils, Refining of mineral. A. J. Schmidl and M. Wiggen. 2,356,704; Aug. 22.
Oils, Refining of mineral. B. R. Strickland. 2,339,889; Jan. 25.
Oils, Refining vitamin. L. O. Buxton and L. T. Rosenberg. 2,344,124; Mar. 14.

Oils, Residual fuel. W. B. Plummer. 2,360,272; Oct. 10.
Oils, Solvent dewaxing of mineral. L. B. Goodson, J. V Montgomery, and R. W. Henry. 2,348,038–9; May 16.
Oils, Soluble. J. C. Zimmer and G. M. McNulty. 2,340,035; Jan. 25.
Oils, Stabilized medicinal white. J. Faust and H. Sonneborn, III. 2,363,722; Nov. 28.
Oils, Sulphurized. B. H. Lincoln and W. L. Steiner. 2,357,211; Aug. 29.
Oils, Sweetening hydrocarbon. G. S. Windle. 2,344,910; Mar. 21.
Oils, Treating castor and similar. H. S. Miller. 2,351,444; June 13.
Oils, Treating fatty. L. O. Buxton. 2,345,097; Mar. 28.
Oils, Treating glyceride. B. A. Dombrow. 2,357,881; Sept. 12.
Oils, Treatment of hydrocarbon. E. R. Birkhimer. 2,345,449; Mar. 28.
Oils, Treatment of hydrocarbon. W. H. Rupp and F. C. Hanker, Jr. 2,341,389; Feb. 8.
Oils, Treatment of hydrocarbon. H. E. Wenzke. 2,353,950; July 18.
Oils, Viscous hydrocarbon. M. A. Dietrich. 2,362,890; Nov. 14.
Oils with catalysts, Conversion of hydrocarbon. V. Voorhees. 2,351,793; June 20.
Oils with low pour points, Producing. B. Engel. 2,348,459; May 9.
Ointments and the like. G. W. Fiero. 2,361,756; Oct. 31.
Oleaginous composition and method. C. S. Howe. 2,357,896; Sept. 12.
Olefin-diolefin copolymers. R. M. Thomas and W. J. Sparks. 2,356,130; Aug. 22.
Olefines and motor fuel, Producing. C. C. Steward and C. T. Draney. 2,340,778; Feb. 1.
Olefinic polymerization process and product. W. J. Sparks and R. M. Thomas. 2,356,129; Aug. 22.
Olefinic polymerization process and product, Mixed. R. M. Thomas and W. J. Sparks. 2,356,128; Aug. 22.
Olefins and aromatic hydrocarbons, Production of. D. F. Babcock and A. W. Larchar. 2,346,642; Apr. 18.
Olefins and catalyst therefor, Polymerization of. L. C. Rubin. 2,362,311; Nov. 7.
Olefins, Esterification of. H. M. Guinot. 2,345,114; Mar. 28.
Olefins, Purification and production of. G. M. Hebbard and W. Hunt. 2,359,759; Oct. 10.
Olefins, Sulphonation of branched chain. C. M. Suter. 2,365,783; Dec. 26.
Oleoresin treatment. D. A. Lister. 2,340,672; Feb. 1.
Oligodynamic sterilization, Method and apparatus providing a continuously effective source for. A Goetz. 2,344,548; Mar. 21.
Olivating machine. A. Fesselet. 2,349,258; May 23.
Olive-pitting machine. C. A. Britten. 2,360,103; Oct. 10.
Olive press. C. Livoti. 2,343,871; Mar. 14.
Olive processing. E. Van Dellen and R. N. Ball. 2,356,287; Aug. 22.
Olive sizer. F. Stebler. 2,353,941; July 18.
1-aminobenzene-4-sulpho-2-carboxylic acid, Manufacture of. E. Moser. 2,353,351; July 11.
1-arylamino-5-hydroxynaphthalene-7-sulphonic acid. R. Fleischhauer and A. Müller. 2,347,042; Apr. 18.
1-naphthylacetic acid, Refining a crude. W. R. Tomlinson, Jr. 2,361,576; Oct. 31.
1-(substituted alkyl)-5,5-disubstituted barbituric compounds, Preparing. H. R. Henze. 2,344,459; Mar. 14.
1-(tetraacyl-d-ribitylamino)-4,5-dimethylbenzene. M. Tishler and J. W. Wellman. 2,342,438; Feb. 22.
1,3-diarylisobenzofurans and preparing the same. R. Adams. 2,356,907; Aug. 29.
1,3-isoquinolinediols, Manufacturing. H. A. Bergstrom and W. V. Wirth. 2,351,391; June 13.
One-way clutch. A. Y. Dodge. 2,360,481; Oct. 17.
One-way clutch. A. Y. Dodge. 2,364,280; Dec. 5.
Opaque layers, similar to enamel, on aluminum and its alloys, Electrolytic production of. C. Sonnino and A. Sassetti. 2,356,543; Aug. 22.
Opaque sheet material. W. R. Collings and T. A. Knuppi. 2,348,672; May 8.
Opaque starchy products by radiant energy, Drying normally. J. M. Baer. 2,339,757; Jan. 25.
Open line shaft bearing. J. M. Hait. 2,338,937; Jan. 11.
Open steam box drier. W. S. Bowen. 2,360,100; Oct. 10.
Open-width washer. D. Gessner. 2,342,266; Feb. 22.
Open work, Making stitched. A. Turrisi. 2,366,134; Dec. 26.
Opener, Can. C. W. Johnson. 2,364,219; Dec. 5.
Opener for planters and the like, Furrow. C. H. White. 2,351,173; June 13.
Opener, Letter. R. T. Cummings. 2,360,652; Oct. 17
Opener, Rotary can. R. E. McLean. 2,361,114; Oct. 24.
Operating arrangement, particularly for change-speed gearing for motor vehicles. T. Kummich. 2,344,096; Mar. 14.
Operating device for garment presses, Semiautomatic. W. S. Graham. 2,351,956; June 20.
Operating device for impulse-controlled instruments. H. L. McCleery. 2,362,570; Nov. 14.
Operating gear for adjustable propeller blades. P. W. Seewer. 2,357,229; Aug. 29.
Operating gears or transmitting devices, Making hydraulically. H. Molly. 2,361,046; Oct. 24.
Operating means for extensible and retractible aerials, Power driven. E. Carlson. 2,346,728; Apr. 18.
Operating means for piano action. P. H. Bilhuber. 2,338,992; Jan. 11.
Operating mechanism. C. E. Basley. 2,361,810; Oct. 31.
Operating mechanism. G. P. Clute. 2,358,146; Sept. 12.
Operating mechanism for clutches. R. Lang and K. Maybach. 2,356,598; Aug. 22.
Operating mechanism for discharge lamps. L. W. Cook. 2,341,905; Feb. 15.
Operating mechanism for fluorescent lamps. F. C. De Reamer. Re. 22,560; Oct. 31.
Operating mechanism for registering devices. A. C. Erisman and M. C. Smith. 2,354,951; Aug. 1.
Operating mechanism for ventilating wings. J. B. Parsons. 2,338,965; Jan. 11.
Operating mechanism, Window sash. J. Graham. 2,359,518; Oct. 3.
Operating on insoles, Method of and machine for. H. C. Paulsen. 2,345,627; Apr. 4.
Operation and lubrication of mechanical apparatus. W. S. Murray. 2,354,218; July 25.
Operation check for molding machines. W. Strauss. 2,350,319; May 30.
Operation-controlling device, Electrically actuated. G. Den Besten and C. J. Klerman. 2,342,925; Feb. 29.
Operation controlling means for pressure fluid actuated tools. E. H. Shaff. 2,354,841; Aug. 1.
Operation controlling method and means. C. R. Turner. 2,357,347; Mar. 7.
Operator, Electromagnetic. W. A. Ray. 2,358,828; Sept. 26.
Operator, Electromagnetically controlled. W. A. Ray. 2,354,704; Aug. 1.
Ophthalmic mounting. D. P. Bernheim. 2,355,048; Aug. 8.
Ophthalmic mounting. D. P. Bernheim. 2,361,910; Nov. 7.
Ophthalmic mounting. G. W. Carlson. 2,355,053; Aug. 8.
Ophthalmic mounting. S. F. Casavant. 2,350,338; June 6.
Ophthalmic mounting. C. O. Cozzens and E. M. Splaine. 2,356,148; Aug. 22.
Ophthalmic mounting. R. W. Lake. 2,363,978; Nov. 28.
Ophthalmic mounting. R. Malcom. 2,354,603; July 25.
Ophthalmic mounting. J. M. Riller. 2,352,973; July 4.
Ophthalmic mounting. E. M. Splaine. 2,341,338; Feb. 8.
Opthalmoscope. W. N. Allyn. 2,355,841; Aug. 15.
Optical apparatus. E. D. Bailey, M. M. Brubaker, and J. H. Teeple. 2,346,247; Apr. 11.
Optical apparatus. D. T. Street. 2,365,361; Dec. 19.
Optical apparatus for measuring, gauging, and the like. J. E. Baty. 2,358,296; Sept. 19.
Optical beam directing device. H. E. Seely. 2,352,570; June 27.
Optical device and making same. V. Walker. 2,355,345; Aug. 8.
Optical device and manufacture thereof. A. H. Sharpe and V. Walker. 2,354,091; July 18.
Optical device for viewing photographic images. C. Langberg. 2,363,427; Nov. 21.
Optical device to reduce glare. A. N. Somers. 2,345,777; Apr. 4.
Optical elements, Securing. T. G. Aitcheson. 2,364,768; Dec. 12.
Optical exposure meter. K. Rath. 2,354,545; July 25.
Optical filter and producing same. R. S. Potter and J. M. Centa. 2,356,694; Aug. 22.
Optical flat generator. A. J. Holman. 2,352,386; June 27.
Optical focusing system. J. Dahl. 2,350,151; May 30.
Optical images, Recording. W. C. Eddy. 2,361,183; Oct. 24.
Optical indicator. W. P. Powers. 2,360,581; Oct. 17.
Optical instrument. W. Bausch. 2,359,609; Oct. 3.
Optical instrument. O. W. Boughton and H. F. Kurtz. 2,363,388; Nov. 21.
Optical instrument. C. J. Eckert. 2,351,747; June 20.
Optical instrument. E. F. Flint. 2,357,390; Sept. 5.
Optical instrument. E. F. Flint. 2,366,016; Dec. 26.
Optical instrument. G. B. Gallasch. 2,355,910; Aug. 15.
Optical instrument. G. B. Gallasch. 2,365,337; Dec. 19.
Optical instrument. K. W. Harper. 2,349,424; May 23.
Optical instrument. O. H. Paddock. 2,361,050; Oct. 24.
Optical instrument. W. T. Perkins. 2,364,811; Dec. 12.
Optical instrument. A. F. Turner. 2,359,604; Oct. 3.
Optical instrument. C. H. O. Wittig. 2,359,702; Oct. 3.
Optical instrument and making same. A. H. Bennett and R. S. Estey. 2,346,002; Apr. 4.
Optical instrument support. W. Bausch. 2,357,377; Sept. 5.
Optical lens. J. H. Lawlor and E. Dans. 2,347,488; Apr. 25.
Optical measuring instrument. W. N. De Wald. 2,339,004; Jan. 11.
Optical objective. A. Warmisham. 2,344,756; Mar. 21.
Optical objective. A. Warmisham. 2,348,667; May 9.
Optical objective. A. Warmisham and C. G. Wynne. 2,349,893; May 30.

Optical objective. A. Warmisham and C. G. Wynne. 2,363,712; Nov. 28.
Optical objective of the telephoto type. A. Cox. 2,354,503; July 25.
Optical prisms, Forming. G. Kende, E. Elison and S. Johanson. 2,352,551; June 27.
Optical projection apparatus. M. D. Wibmer, P. P. Atkins, and E. G. M. Holbrow. 2,365,613; Dec. 19.
Optical projection pointer. M. P. Pfeil. 2,357,542; Sept. 5.
Optical projection system. R. E. Reason. 2,354,614; July 25.
Optical sighting apparatus. C. D. Macgill. 2,339,578; Jan. 18.
Optical sighting instrument. R. Dalton. 2,358,794; Sept. 26.
Optical surface examining apparatus. O. F. Soetbeer. 2,363,700; Nov. 28.
Optical surfaces on plastic material, Forming. H. G. Staehle. 2,339,433; Jan. 18.
Optical system. J. A. Maurer, Jr. 2,366,040; Dec. 26.
Optical system. G. L. Dimmick. 2,360,403; Oct. 17.
Optical system. R. A. Woodson. 2,360,298; Oct. 10.
Optical system and method. D. R. Ligh. 2,352,214; June 27.
Optical system composed of lenticules. D. Gabor. 2,351,034; June 13.
Optical system for color photography, Bright. V. Smejkal. 2,352,026; June 20.
Optical system, Sound projection. F. O. Calvin, W. G. Wilson, and T. R. Smith. 2,364,268; Dec. 5.
Optical testing or measuring apparatus. R. E. Reason. 2,349,989; May 30.
Optical transfer instrument. J. L. Buckmaster. 2,342,640; Feb. 29.
Optical unit. T. W. Sukumlyn. 2,341,827; Feb. 15.
Optical view finder. E. K. Kaprelian. 2,353,565; July 11.
Orchard conditioning system. J. B. Kasser. 2,350,621; June 6.
Orchard heater. J. C. Gaffney and E. L. Kane. 2,344,403; Mar. 14.
Orchard heater. J. H. McCracken. 2,356,939; Aug. 29.
Orchard heater. W. C. Scheu. 2,358,033; Sept. 12.
Ordnance. S. B. Howe. 2,345,340; Mar. 28.
Ordnance. F. S. Keahey, Jr. 2,362,075; Nov. 7.
Ordnance. J. C. Trotter. 2,341,400; Feb. 8.
Ordnance. J. C. Trotter. 2,349,124; May 16.
Ordnance. J. C. Trotter and C. F. Carlsen. 2,342,065; Feb. 15.
Ordnance. J. C. Trotter and L. F. Maurer. 2,350,946; June 6.
Ore agitator. B. F. Mason. 2,347,357; Apr. 25.
Ore concentrator. C. C. Herbert. 2,355,375; Aug. 8.
Ore leaching and precipitating system, Saline. H. C. Westby. 2,357,715; Sept. 5.
Ore mill. F. J. Haverland. 2,345,474; Mar. 28.
Ore, Open hearth charging. H. M. Kraner. 2,346,034; Apr. 4.
Ore processing apparatus. C. S. Ramsey. 2,346,787; Apr. 18.
Ore reduction apparatus. H. G. Twiford. 2,352,418; June 27.
Ore separating apparatus. J. F. Kellerman. 2,348,479; May 9.
Ore separator. O. J. Wilbor and J. T. Mislak. 2,360,808; Oct. 17.
Ore treatment, Magnesite. A. J. Weinig. 2,363,104; Nov. 21.
Ores, Concentration of oxidized iron. E. H. Brown and F. X. Tartaron. 2,364,618; Dec. 12.
Ores, Concentration of sylvinite. A. T. Cole. 2,355,365; Aug. 8.
Ores, Concentration of sylvinite. A. T. Cole. 2,365,805; Dec. 26.
Ores, Concentration of sylvinite. A. T. Cole and W. M. Houston. 2,364,520; Dec. 5.
Ores, Flotation of. F. J. Cahn. 2,362,432; Nov. 7.
Ores, Reducing. F. Hodson and P. A. Hirsch. 2,365,194; Dec. 19.
Ores, Reduction of metal. E. S. Merriam. 2,364,742; Dec. 12.
Ores, Treating complex lead-zinc. C. D. Wood. 2,351,795; June 20.
Ores, Treating lateritic. J. D. Grothe. 2,363,315; Nov. 21.
Ores, Treatment of magnesite. A. J. Weinig. 2,363,029; Nov. 21.
Ores, Treatment of tin. I. E. Muskat. 2,345,210; Mar. 28.
Ores, Treatment of zinc carbonate. N. C. Christensen. 2,363,572; Nov. 28.
Organ extracts, Fractionating and refining. S. Maurer and H. O. Wiles. 2,358,869–70; Sept. 26.
Organic acid esters of cellulose, Preparing. C. J. Malm. 2,362,575–6; Nov. 14.
Organic acids, Production of. C. N. Zellner. 2,342,028; Feb. 15.
Organic compound. R. Adams. 2,341,850–1; Feb. 15.
Organic compound and producing the same. G. D. Miles. 2,345,061; Mar. 28.
Organic compounds. L. A. Hamilton. 2,365,466; Dec. 19.
Organic compounds, Alkylation and aralkylation of. D. M. Jones. 2,363,003; Nov. 21.
Organic compounds, Alkylation of. V. H. Wallingford and A. H. Homeyer. 2,358,768; Sept. 19.
Organic compounds containing sulphur, chlorine, and oxygen, Production of. P. Herold, K. Smeykal, F. Asinger and W. Wolf. 2,352,097; June 20.
Organic compounds from photographic solutions, Recovery of. K. J. Brunings. 2,358,053; Sept. 12.
Organic compounds, Manufacture of oxygenated. H. Dreyfus. 2,340,371; Feb. 1.
Organic compounds, Polymerizing. R. Kitani and N. Takashima. 2,338,517; Jan. 4.
Organic compounds, Production of. H. Dreyfus. 2,338,805; Jan. 11.
Organic compounds, Production of. H. Dreyfus. 2,361,997; Nov. 7.
Organic compounds, Recovering. I. L. Murray and R. G. Edmonds. 2,362,579; Nov. 14.
Organic compounds, Reduction of. A. L. Fox. 2,351,196; June 13.
Organic compounds, Stabilization of. E. C. Kirkpatrick. 2,346,425; Apr. 11.
Organic compounds, Sulphonation of. G. F. Hennion. 2,365,638; Dec. 19.
Organic cyanine base. L. G. S. Brooker and R. H. Sprague. 2,345,094; Mar. 28.
Organic derivatives of cellulose, Coloring of. J. G. Kern. 2,349,282; May 23.
Organic derivatives of cellulose, Improving. B. S. Farquhar. 2,346,210; Apr. 11.
Organic disinfecting agent in a special form. E. Wolfert and H. Daab. 2,346,632; Apr. 11.
Organic dyestuffs of the thionaphthenone series, and making the same. J. E. Cole and B. F. Skiles. 2,356,823–24; Aug. 29.
Organic insecticide. J. W. Swaine. 2,347,377; Apr. 25.
Organic liquids, Purification of. J. A. Patterson. 2,356,348; Aug. 22.
Organic liquids which are soluble or partially soluble in water, Recovery of. W. E. Edwards. 2,339,386; Jan. 18.
Organic materials in dry storage, Preserving valuable elements of. G. D. Arnold. 2,363,037; Nov. 21.
Organic materials, Neutralizing. G. D. Miles, C. W. Jakob, and J. H. Percy. 2,345,465; Mar. 28.
Organic materials, Preserving. W. R. Graham, Jr. 2,353,029; July 4.
Organic materials, Stabilization of oxidizable. L. O. Buxton. 2,345,578; Apr. 4.
Organic parasiticidal compositions. K. R. Brown. 2,357,077; Aug. 29.
Organic phosphorus compound bearing lubricant. B. H. Lincoln and G. D. Byrkit. Re. 22,448; Feb. 29.
Organic product, Drying cellular. B. R. Warner. 2,339,825; Jan. 25.
Organic substances, Stabilization of. R. G. Clarkson and C. J. Pedersen. 2,353,690; July 18.
Organic substances, Stabilization of. F. B. Downing and C. J. Pedersen. 2,363,777; Nov. 28.
Organic substances, Stabilization of. C. J. Pedersen. 2,363,778; Nov. 28.
Organic sulphonamides, Preparation of. A. L. Fox. 2,361,188; Oct. 24.
Organic sulphonates, Manufacture of. L. H. Flett. 2,364,782; Dec. 12.
Organic sulphur compound and its preparation. J. M. Hoeffelman and R. Berkenbosch. 2,352,435; June 27.
Organo-mercury compound. S. M. Gordon and F. Kipnis. 2,343,547; Mar. 7.
Organosilicon compound. E. G. Rochow. 2,352,974; July 4.
Orienting apparatus for wells. R. Warren. 2,359,067; Sept. 26.
Orienting device. C. W. Broukelman. 2,340,861; Feb. 8.
Orienting mechanism. L. Hermani. 2,344,461; Mar. 14.
Orientor, Cartridge. J. H. Woodberry. 2,362,517; Nov. 14.
Ornament. E. Bazner. 2,350,714; June 6.
Ornament. P. Frankel. 2,352,529; June 27.
Ornament. J. E. Langley. 2,344,620; Mar. 21.
Ornament. C. S. Price. 2,357,425; Sept. 5.
Ornament, Christmas tree. H. A. Sayford. 2,353,853; July 18.
Ornament, Expanding. J. M. Pettorossi. 2,344,723; Mar. 21.
Ornament holder. M. Kaplan. 2,361,772; Oct. 31.
Ornament or insigne, Detachable. N. A. Doerr. 2,345,556; Apr. 4.
Ornament, Pliable reinforced. B. Berg. 2,344,846; Mar. 21.
Ornament with light effects. G. Weiss. 2,345,517; Mar. 28.
Ornamental element for use in forming decorative materials. S. L. Trattler. 2,362,596; Nov. 14.
Ornamental figures, Making. E. Bonfiglioli. 2,344,076; Mar. 14.
Ornamental illuminating device. C. W. Otis. 2,353,063; July 4.
Ornamental objects, Making coated. M. C. Meyer. 2,353,744; July 18.
Ornamental materials. A. Lyem. 2,355,738; Aug 15.
Ornamental wheel trim ring. G. A. Lyon. 2,347,206; Apr. 25.
Ornamentation. E. L. White. 2,349,065; May 16.
Ornamenting machine. B. W. Freeman. 2,352,831; July 4.

Orthocresol aldehyde condensates, Production of hardenable. B. Habraschka. 2,351,958; June 20.
Orthographic projection stand. F. J. Bryant. 2,358,054; Sept. 12.
Orthopedic arm. J. A. Q. Costa. 2,350,339; June 6.
Orthopedic hand. J. A. Q. Costa. 2,353,811; July 18.
Oscillating electric motor. W. L. Martin. 2,351,623; June 20.
Oscillating knife motor. H. H. Wheeler. 2,344,928; Mar. 21.
Oscillating pump. I. W. Bachrach. 2,359,819; Oct. 10.
Oscillating sander. A. G. Decker. 2,350,098; May 30.
Oscillation circuit. W. W. Shannon. 2,355,606; Aug. 15.
Oscillation damper. E. N. Olson. 2,360,157; Oct. 10.
Oscillation damping means. F. M. M. B. Salomon. 2,361,710; Oct. 31.
Oscillation generating system. W. E. Kock. 2,342,286; Feb. 22.
Oscillation generator. W. V. B. Roberts. 2,349,885; May 30.
Oscillation modulator. M. E. Mohr. 2,345,712; Apr. 4.
Oscillation record. P. Schoonenberg, J. J. Hardenberg, and C. J. Dippel. 2,355,398; Aug. 8.
Oscillation translating device. M. J. Di Toro. 2,352,311; June 27.
Oscillator and reactance tube, Combined. W. van B. Roberts. 2,346,331; Apr. 11.
Oscillator arrangement. H. W. Koren. 2,356,248; Aug. 22.
Oscillator, Blocking. A. V. Bedford. 2,358,297; Sept. 19.
Oscillator coil and erasing head for magnetic recorders, Combination. M. Camras. 2,351,009; June 13.
Oscillator, Electric valve. O. W. Livingston. 2,351,439; June 13.
Oscillator for sine waves and square waves. J. F. Rider. 2,346,396; Apr. 11.
Oscillator, High-frequency vacuum tube. P. G. Chevigny. 2,351,744; June 20.
Oscillator, Quartz crystal. G. T. Royden. 2,342,169; Feb. 22.
Oscillator, Stabilized. W. A. Edson. 2,343,539; Mar. 7.
Oscillograph sweep circuit. H. J. Schrader and R. D. Scheidorf. 2,350,069; May 30.
Otoscope. W. A. Arnesen. 2,343,041; Feb. 29.
Otoscope W. P. Canning. 2,361,744; Oct. 31.
Otter board. D. J. Groen. 2,363,668; Nov. 28.
Outboard motor. A. S. Bosma. 2,346,148; Apr. 11.
Outboard motor. J. B. Farr. 2,357,942; Sept. 12.
Outboard motor. R. Karey. 2,351,050; June 13.
Outboard motor steering device. R. W. Pieron. 2,365,490; Dec. 19.
Outdoor furnace. L. Langford. 2,340,601; Feb. 1.
Outfire control. A. V. Sampsel. 2,364,663; Dec. 12.
Outlet box. W. Windsheimer. 2,357,787; Sept. 5.
Outlet construction, Continuous. W. H. Frank. 2,361,537; Oct. 31.
Outlet device for air-conditioning systems. E. Sternberg. 2,354,155; July 18.
Outlet fitting, Waste. A. N. Pasman. 2,348,093; May 2.
Outlet or junction box. O. C. Moll. 2,357,754; Sept. 5.
Outlet valve. R. Temple. 2,365,364; Dec. 19.
Outrigger, Vehicle. R. O. Billings. 2,365,169; Dec. 19.
Outside door handle. L. R. Rhein. 2,349,055; May 16.
Outsole and heel lift, Combined. J. H. Davis. 2,348,713; May 16.
Outsoles, Making. J. Gregg. 2,361,938; Nov. 7.
Oven. W. F. Butler. 2,365,678; Dec. 26.
Oven. E. W. Cooney. 2,351,487; June 13.
Oven. W. F. Drew. 2,363,120; Nov. 21.
Oven. D. E. Marshall. 2,365,769; Dec. 26.
Oven. A. Scott. 2,342,496; Feb. 22.
Oven-baking beans or the like in quantity. H. T. Lannen. 2,360,062; Oct. 10.
Oven broiler. W. T. Bradbury. 2,352,613; July 4.
Oven, Coke. C. E. Holzworth. 2,341,321; Feb. 8.
Oven, Coke. C. Otto. 2,346,991; Apr. 18.
Oven construction. E. F. Schweller and C. H. Wurtz. 2,358,034; Sept. 12.
Oven, Drying. O. O. Kruse. 2,364,080; Dec. 5.
Oven for the continuous baking of cores or the like. C. F. Mayer. 2,355,814; Aug. 15.
Oven heat control, Adjusting means for. V. Weber. 2,340,137; May 30.
Oven, Indirectly heated. W. Van Guilder. 2,339,365; Jan. 18.
Oven, Rapid-quench heat-treating. V. A. Fox. 2,341,766; Feb 15.
Oven, Regenerative coke. N. M. Philipsen. 2,350,813; June 6.
Oven, Smoke. E. A. Schiewe. 2,342,373; Feb. 22.
Oven structure, Coke. W. Swietoslawski. 2,342,309; Feb 22.
Overcap and applying same, Container. D. G. Magill. 2,357,837; Sept. 12.
Overhead swinging door. E. J. Dakan. 2,355,956; Aug. 15.
Overland protective means. L. S. Walle. Re. 22,491; June 6.
Overload apparatus. C. A. Rietz and A. E. Smith. 2,341,192; Feb. 8.
Overload clutch. C. A. Heype. 2,353,824; July 18.
Overload release clutch. F. Cartlidge. 2,355,202; Aug. 2.
Overspeed preventing mechanism. D. J. Conant. 2,359,899; Oct. 10.
Overtravel mechanism, Snap switch. O. H. Kaminky. 2,354,027; July 18.
Oxazolidine compounds. S. Kaplan. 2,352,152; June 20.
Oxazolidinediones, Making. V. H. Wallingford. 2,338,220; Jan. 4.
Oxidation of coal. W. M. Fuchs. 2,338,634; Jan. 4.
Oxidation products from sapogenin derivatives and preparation of same. R. E. Marker. 2,352,953; July 4.
Oxidation-stable grease composition. L. R. Strawn. 2,340,438; Feb. 1.
Oxidative condensation product of organic mercaptans and primary amines. R. H. Cooper. 2,339,002; Jan. 11.
Oxide films from aluminum and its alloys, Solution and method for stripping. E. Ross. 2,353,786; July 18.
Oxide, Manufacture of reactive magnesium. F. Elkington and H. H. Chesny. 2,354,584; July 25.
Oxides from sulphuric acids, Removal of nitrogen. W. A. Brooks. 2,355,702; Aug. 15.
Oxidized polymers and their preparation. W. E. Hanford. 2,360,673; Oct. 17.
Oximino ether. H. A. Bruson and T. W. Riener. 2,352,514; June 27.
Oximino ether. H. A. Bruson and T. W. Riener. 2,352,516; June 27.
Oxyalkylated esters and making same, Certain water-soluble high molal. M. DeGroote and B. Keiser. 2,363,047; Nov. 21.
Oxyalkylated esters; and making same, Certain water-soluble high molal. M. DeGroote and B. Keiser. 2,363,048; Nov. 21.
Oxyalkylated esters and making same, Certain water-soluble high molal. M. DeGroote and B. Keiser. 2,363,049; Nov. 21.
Oxyalkylated esters, Certain water-soluble high molal. M. DeGroote and B. Keiser. 2,363,045-6; Nov. 21.
Oxygen containing hydrocarbons, Production of. C. A. Thomas. 2,365,851. Dec. 26.
Oxygen-containing organic compounds, Production of. W. H. Groombridge and B. Page. 2,365,264; Dec. 19.
Oxygen from air by liquefaction, Separation of. A. C. Brown. 2,360,468; Oct. 17.
Oxygen from normally gaseous olefins, Removal of. V. W. Ware. 2,351,167; June 13.
Oxygen meter. G. A. Millikan. 2,358,992; Sept. 26.
Oyster harvesting apparatus. J. M. Jurisich. 2,363,251; Nov. 21.
Oyster opening method. G. R. Ragupos. 2,354,928; Aug. 1.
Ozone generator. J. M. Daily. 2,345,798; Apr. 4.
Ozonizer. S. Tsuno. 2,350,842; June 6.
P-oxazinylmethyl-benzodioxane and their manufacture. A. Grün. 2,366,102; Dec. 26.
Pack advancer for sheet feeding mechanism. F. E. Curtis. 2,358,560; Sept. 19.
Package. S. L. Galvin and G. L. Sternfield. 2,357,585; Sept. 5.
Package. R. Guyer. 2,351,812; June 20.
Package. O. H. Hultin. 2,345,978; Apr. 4.
Package. O. H. Hultin. 2,364,364; Dec. 5.
Package. D. J. Mathieu. 2,357,339; Sept. 5.
Package. S. H. Nielsen. 2,349,672; May 23.
Package. C. H. Rasmussen. 2,364,916; Dec. 12.
Package. L. L. Salfisberg. 2,344,369; Mar. 14.
Package. J. P. R. Schell. 2,361,877; Oct. 31.
Package. H. B. Tuthill. 2,351,306; June 13.
Package. B. H. Voss. 2,355,250; Aug. 8.
Package. P. O. White. 2,364,678; Dec. 12.
Package and closure. W. P. White. 2,366,737; Dec. 26.
Package and closure therefor. H. F. Waters. 2,356,110; Aug. 15.
Package and dispenser, Combined. L. H. M. Vineburgh. 2,340,089-90; Jan. 25.
Package and forming same. J. P. R. Schell. 2,361,876; Oct. 31.
Package and holder, Combined. L. Clark. 2,343,277; Mar. 7.
Package and making same, Sealed. G. Householder and W. V. Shearer. 2,341,379; Feb. 8.
Package, Bottle. F. C. McKinley. 2,358,523; Sept. 19.
Package checking device. M. A. Weckerly. 2,346,122; Apr. 4.
Package, Cigarette. M. A. Hannigan. 2,346,106; Apr. 4.
Package coin inserting machine. D. S. and L. B. Brahe. 2,341,973; Feb. 15.
Package, container, and blank therefor. E. M. Brogden. 2,359,298; Oct. 3.
Package, container, and blank therefor. E. M. Brogden. 2,361,926; Nov. 7.
Package, Dispensing. L. L. Salfisberg. 2,350,931; June 6.
Package, Ever-ready carrier-contained photographic-equipment. F. S. Grover. 2,348,620; May 9.
Package feeding or dispensing apparatus. P. M. Farmer. 2,353,394; July 11.
Package for carbon paper. E. W. Curtis, Jr. 2,346,828; Apr. 18.
Package for cigarettes and the like, Commodity. T. E. Wright. 2,346,407; Apr. 11.
Package for fluids. L. de Kadt. 2,341,601; Feb. 15.
Package for puttylike materials. W. C. Ferguson and C. H. Smith. 2,340,116; Jan. 25.

Package, Handle hanger. E. D. Hanset. 2,347,319; Apr. 25.
Package, Individual. C. V. Nelson. 2,343,222; Feb. 29.
Package of yarn and in method and mechanism for producing the same, Wound. G. White. 2,358,752; Sept. 19.
Package opener. K. C. West. 2,347,381; Apr. 25.
Package, packing container, and blank therefor. E. M. Brogden. 2,359,297; Oct. 3.
Package, Photographic. J. K. Rulon. 2,354,706; Aug. 1.
Package, Prophylactic. F. G. Karg. 2,365,556; Dec. 19.
Package, Self-dispensing. W. E. Amberg. 2,351,470; June 13.
Package, Sterile. H. F. Waters. 2,358,547; Sept. 19.
Package structure. A. B. Drullard. 2,346,564; Apr. 11.
Package, Vented. J. Yates. 2,361,344; Oct. 24.
Package with handle, Infusion. L. Barnett. 2,359,292; Oct. 3.
Package wrapping. B. Y. James. 2,353,669; July 18.
Package wrapping. B. Y. James. 2,365,704; Dec. 26.
Package wrapping machine. C. E. Hinchey. 2,362,810; Nov. 14.
Packages, Making. L. L. Salfisberg. 2,347,509; Apr. 25.
Packages, Making. M. H. Sidebotham. 2,359,271; Sept. 26.
Packaging. J. E. Anderson. 2,339,042; Jan. 11.
Packaging. D. R. La Place. 2,346,591; Apr. 11.
Packaging. D. R. La Place. 2,348,551; May 9.
Packaging. J. E. Snyder. 2,342,977; Feb. 29.
Packaging and mixing plastics. L. Peters. 2,347,640; May 2.
Packaging apparatus. C. J. Malhiot. 2,340,835; Feb. 1.
Packaging beverages. P. J. Gartland. 2,336,108; Jan. 4.
Packaging beverages, Method and apparatus for. S. H. Ayers. 2,361,587; Oct. 31.
Packaging beverages, Method and apparatus for. S. H. Ayers. 2,361,588; Oct. 31.
Packaging eggs and the like. A. B. Clunan. 2,340,260; Jan. 25.
Packaging machine. W. A. Joplin. 2,340,536; Feb. 1.
Packaging machine. G. A. Robinson. 2,347,124; Apr. 18.
Packaging machine. G. A. Robinson. 2,352,863; July 4.
Packaging machine. V. G. Williams. 2,351,382; June 13.
Packaging machine and circular applying mechanism therefor. M. J. Milmoe and C. J. Malhiot. 2,340,678; Feb. 1.
Packaging machine, High speed cigarette. C. Arelt. 2,344,666; Mar. 21.
Packaging method. P. I. Rogers. 2,344,640; Mar. 21.
Packaging method. C. L. Wagner. 2,339,305; Jan. 18.
Packaging method and means. E. L. Dreyer. 2,339,064; Jan. 11.
Packaging process. G. E. Gott, E. E. Habib, F. B. Casey, and B. A. Fairbank. 2,348,176; May 2.
Packaging process. G. A. Moore. 2,353,746; July 18.
Packaging receptacle. V. A. Hutchinson. 2,355,804; Aug. 15.
Packer assembly. W. L. Church. 2,352,423; June 27.
Packer for pressure drilling head. A. Pranger and S. A. Guiberson, III. 2,356,947; Aug. 29.
Packer, Hydraulic. T. V. Moore. 2,342,884; Feb. 29.
Packer, Open hole removable. A. T. Ferris. 2,352,700; July 4.
Packer, Valved well. W. J. Brightwell. 2,339,319; Jan. 18.
Packet, Match. E. E. Penter. 2,360,270; Oct. 10.
Packing, G. W. Neesen. 2,364,383; Dec. 5.
Packing. A. B. R. Pollard. 2,363,688; Nov. 28.
Packing arrangement. J. M. Edmund. 2,349,253; May 23.
Packing arrangement. L. A. Sheldon. 2,356,011; Aug. 15.
Packing box. G. L. Smith. 2,358,943; Sept. 26.
Packing case, Spark plug. G. W. Glass. 2,339,555; Jan. 18.
Packing compositions. C. L. Jones. 2,363,597; Nov. 28.
Packing compound for stuffing boxes. G. T. Randolph. 2,363,802; Nov. 28.
Packing device. J. J. Fitzpatrick. 2,356,232; Aug. 22.
Packing device for fluid pressure apparatus. P. W. Thornhill. 2,353,977; July 18.
Packing device, Molded pulp egg. F. W. Manson. 2,345,274; Mar. 28.
Packing frangible articles. R. R. Sawin. 2,352,803; July 4.
Packing machine. C. A. Nicolle. 2,363,014; Nov. 21.
Packing machine for containers and the like. A. Sowden. 2,352,663; July 4.
Packing machinery. A. G. Rose. 2,348,650; May 9.
Packing material. H. T. Kraft. 2,358,290; Sept. 12.
Packing spacer. W. Davies. 2,342,458; Feb. 22.
Packing structure and packing. C. Lindley, Jr., C. H. Goodyear, and W. H. Thomas. 2,348,397; May 9.
Packless valve. W. C. Marsh. 2,362,438; Nov. 7.
Pack-off device, Retractible. G. Green. 2,338,326; Jan. 4.

Pad: *See*—
Cleaning pad.
Eye pad.
Film gate pressure pad.
Hand-supported liquid dispensing pad.
Heating pad.
Moist heat pad.
Three-heat pad.
Warming pad.
Writing pad.

Pad. C. W. Greenhill. 2,344,549; Mar. 21.
Pad equipment, Writing. A. Brooksbank. 2,355,506; Aug. 8.
Pad or packs, Duplicating. E. Z. Lewis. 2,363,601; Nov. 28.
Padded garment construction. L. Bayes. 2,345,527; Mar. 28.
Paddle wheel. C. R. Melton. 2,358,937; Sept. 26.
Paddle wheel structure. L. Cleofe. 2,357,084; Aug. 29.
Padlock. D. J. Foote and H. E. Soref. 2,352,190; June 27.
Pail cover. C. P. Davey. 2,347,401; Apr. 25.
Pail handle. R. L. Brewton. 2,338,052; Jan. 4.
Pail head, Adjustable grease. F. E. Neef, Jr. 2,340,896; Feb. 8.
Pail or container, Feeding. J. F. Cooper. 2,360,549; Oct. 17.
Paint and producing the same, Emulsion. L. J. Howlett. 2,362,635; Nov. 14.
Paintbrush. G. J. Rasch. 2,341,881; Feb. 15.
Paintbrush. H. A. Rishel. 2,345,991; Apr. 4.
Paint composition, Water base. C. R. Fordyce. 2,338,580; Jan. 4.
Paint mask structure. J. E. Duggan. 2,359,974-5; Oct. 10.
Paint material, Recovery of sprayed. H. E. Hoffman. 2,348,626; May 9.
Paint, Submarine. E. Baumheier. 2,344,018; Mar. 14.
Paint, Water-reducible. G. F. Hoffman. 2,342,581; Feb. 22.
Painted designs, Producing. C. Dicks. 2,340,514; Feb. 1.
Painting machine. H. V. Schweitzer. 2,345,834; Apr. 4.
Painting machine. E. F. Schwartz. 2,354,777; Aug. 1.
Painting machine, Spray. G. P. Short. 2,344,905; Mar. 21.
P-amino-benzene-sulphamide derivatives suitable for injection purposes. Production of new efficacious. Z. Földi. 2,338,106; Jan. 4.
Pan and plate lifter, Hot. H. H. Bakken. 2,360,538; Oct. 17.
Pan, Bed. C. A. Deckert. 2,359,830; Oct. 10.
Pan, Folded bake. J. G. Jackson. 2,358,457; Sept. 19.
Pan greasing machine. H. A. Roselund. 2,350,708; June 6.
Pan lifter. B. Schultz. 2,358,599; Sept. 19.
Pan reinforcement, Baking. J. G. Jackson. 2,357,048; Aug. 29.
Pan, Self-basting. F. M. Schaefer. 2,352,292; June 27.
Pan spreader, Swing. B. E. Cheely and C. R. Griffith. 2,348,056; May 2.
Panel and corner fastener. F. D. Marsh. 2,340,545; Feb. 1.
Panel, Balanced striated plywood. W. C. Bailey. 2,363,927; Nov. 28.
Panel-board construction. L. W. Dyer and T. F. Brown. 2,351,942; June 20.
Panel, Composite building. J. Kublanow. 2,339,489; Jan. 18.
Panel, Composite wall. R. T. Miller. 2,342,682; Feb. 29.
Panel fastening element. A. C. Olsen. 2,352,002; June 20.
Panel, Long span, continuous bar, moment resisting, reticulated grating. C. O. Emerson. 2,366,151; Dec. 26.
Panel mounting. D. Ellis and O. L. Taylor. 2,361,184; Oct. 24.
Panel or unit for buildings and building constructed therefrom. B. Brunton and R. G. Booth. 2,362,187; Nov. 7.
Panel selector contact shoe. C. C. Barber. 2,347,727; May 2.
Panel selector contact shoe. C. L. Van Inwagen. 2,343,100; Feb. 29.
Panel selector switch. W. O. Wagensell. 2,361,579; Oct. 31.
Panel, Trim. E. P. Bolen and A. C. Lind. 2,347,806; May 2.
Panel, Vented. W. W. Castor. 2,358,143; Sept. 12.
Panel, Vibration damped. F. M. Smith. 2,355,568; Aug. 8.
Panels, Making balanced laminated. W. C. Bailey. 2,363,492; Nov. 28.
Panels, Making sign. Vörbs. 2,338,985; Jan. 11.
Panel-wall building construction. A. Henderson. 2,351,856; June 20.
Panoramic camera. F. G. Back. 2,349,931; May 30.
Pantie construction. M. C. Fridolph. Re. 22,583; Dec. 26.
Pantograph. R. Pash. 2,351,452; June 13.
Pantothenic preparations and obtaining the same. E. J. Lawson, H. C. Parke, and L. A. Sweet. 2,358,335; Sept. 19.
Pants, Pajama. C. F. Trageser. 2,341,580; Feb. 15.
Paper. C. F. Van Epps. 2,348,686; May 9.
Paper, Adhesive. B. L. Kline. 2,348,220; May 9.
Paper and envelope, Combined writing. B. Foreman. 2,352,890; July 4.
Paper and like material, Moistening pieces of. B. J. Bennett. 2,342,524; Feb. 22.
Paper and preparation thereof, Safety. D. T. Jackson and J. L. Parsons. 2,363,330; Nov. 21.
Paper, Applying adhesive to wax coated. H. E. Hallman. 2,362,373; Nov. 7.
Paper bag. H. A. Wolf. 2,364,886; Dec. 12.

Paper bag machine. F. P. Ramsey. 2,364,551; Dec. 5.
Paperboard and the like, Manufacture of corrugated. J. G. Lander. 2,347,419; Apr. 25.
Paper boring and slotting machine. J. W. Lee and F. Barney. 2,363,255; Nov. 21.
Paper box. S. R. Arner. 2,356,194; Aug. 22.
Paper box. W. H. Bogue. 2,352,766; July 4.
Paper box machine. E. G. Staude. 2,349,204; May 16.
Paper clip board. T. D. Campbell. 2,340,931; Feb. 8.
Paper, Coating. P. S. Blickensderfer. 2,360,825; Oct. 24.
Paper coating. H. F. Gardner. 2,355,065; Aug. 8.
Paper, Coating. O. Kress and C. E. Johnson. 2,339,707; Jan. 18.
Paper, Coating. H. B. Richmond and G. K. Dickerman. 2,352,658; July 4.
Paper, Coating. E. Warner. 2,360,919; Oct. 24.
Paper coating compositions and the like, Preparing. H. R. Murdock. 2,365,097; Dec. 12.
Paper cup. C. Barbieri. 2,357,161; Aug. 29.
Paper cutting and feeding mechanism, Wrapping. O. Sandberg. 2,338,132; Jan. 4.
Paper fastener. R. Janovsky. 2,343,413; Mar. 7.
Paper feeding means. H. L. Lambert. 2,341,630; Feb. 15.
Paper for photographic purposes, Manufacture of. H. R. Clark. 2,346,008; Apr. 4.
Paper for photographic purposes, Manufacture of. H. R. Clark. 2,358,056; Sept. 12.
Paper for use as pencil sheaths, Preparing newsprint. K. Miller. 2,352,444; June 27.
Paper guide. A. W. Metzner. 2,364,087; Dec. 5.
Paperhanger's table. F. E. Edgren. 2,349,149; May 16.
Paperhanger's table and straightedge. M. M. Bucht. 2,339,909; Jan. 25.
Paper machine stock inlet. S. A. Staege. 2,347,717; May 2.
Paper machinery. S. A. Staege. 2,347,850; May 2.
Paper making. J. C. Sherman. 2,352,293; June 27.
Paper, Making aluminum coated. J. W. Clark. 2,362,884; Nov. 14.
Paper, Making coated. E. G. Bennett. 2,364,503; Dec. 5.
Paper, Making coated. D. B. Bradner. 2,346,812; Apr. 18.
Paper making flow mixer. P. H. Goldsmith. 2,354,007; July 18.
Paper making machine. D. V. Lowe, J. W. Vedder, and C. S. Adams. 2,330,711; Jan. 18.
Paper making machine. G. S. Witham. 2,345,647; Apr. 4.
Papermaking machines, Drive for. L. Hornbostel. 2,357,201; Aug. 29.
Papermaking material, Method and apparatus for separating foreign matter from. E. J. Trimbey and G. K. Walker. 2,364,405; Dec. 5.
Papermaking method and apparatus. R. F. Nelson and J. N. Tuttle. 2,355,391; Aug. 8.
Paper, Making sheets of paper. M. O. Strandberg. 2,356,362; Aug. 22.
Paper manufacture. J. J. Thomas, R. A. Diehm, and I. C. Somerville. 2,352,922; July 4.
Paper, Moistureproofed glassine. C. M. Carson. 2,354,574; July 25.
Paper on business machines, Handling. C. E. Wyrick. 2,365,318; Dec. 19.
Paper pulp and the like, Washing of. W. H. Porritt. 2,347,504; Apr. 25.
Paper pulp stock washer. L. J. Scheid. 2,355,243; Aug. 8.
Paper reel brake. W. Hoppe. 2,346,756; Apr. 18.
Paper sheets, Method and apparatus for making multiple. W. H. Millspaugh. 2,355,006; Aug. 1.
Paper, Sizing. C. L. Baker and C. H. Dedrick. 2,340,728; Feb. 1.
Paper, Sizing. R. S. Bryce. 2,354,662; Aug. 1.
Paper stock flow valve regulating mechanism. J. W. Vedder and E. W. Clem. 2,339,730; Jan. 18.
Paper stock, Pneumatic means for stripping laminated. A. L. Scott. 2,363,442; Nov. 21.
Paper, such as wrapping paper, Easily delivering. A. J. Eikström. 2,344,372; Mar. 14.
Paper support for accounting machines, Adjustable. W. A. Anderson. 2,361,003; Oct. 24.
Paper tear-off device for typing apparatus. G. Sim. 2,360,591; Oct. 17.
Paper towel dispenser package. C. A. Rost. 2,341,119; Feb. 8.
Paper treatment. H. S. Mitchell. 2,344,470; Mar. 14.
Paper, Wetproof cigarette. A. M. Bond, Jr. 2,348,324; May 9.
Paper with improved surface. J. W. Clark. 2,349,704; May 23.
Para-aminobenzene sulphonamide compound, Substituted. A. Lee. 2,339,787–8; Jan. 25.
Parachute. J. D. Forbes. 2,358,798; Sept. 26.
Parachute. J. D. Forbes. 2,361,540; Oct. 31.
Parachute. L. P. Frieder and W. S. Finken. 2,365,184; Dec. 19.
Parachute. L. B. Jahn. 2,362,488; Nov. 14.
Parachute. J. Jorgensen. 2,358,233; Sept. 12.
Parachute. R. Little. 2,358,582; Sept. 19.
Parachute. J. R. C. Quilter and J. Gregory. 2,358,417; Sept. 19.
Parachute. J. H. Robinson. 2,349,833; May 30.
Parachute. F. Smith. 2,350,646; June 6.
Parachute. P. F. Smith. 2,356,493; Aug. 22.
Parachute. P. J. Swofford. 2,350,480; June 6.
Parachute. G. N. Vernon. 2,352,871; July 4.
Parachute. C. A. Volf. 2,342,384; Feb. 22.
Parachute and automatic opening device therefor. P. Krahel. 2,352,721; July 4.
Parachute canopy, Controlled. F. G. Manson and J. J. Maskey. 2,356,160; Aug. 22.
Parachute escape outfit. Oxygen-delivering. W. M. Boothby and W. R. Lovelace II. 2,360,193; Oct. 10.
Parachute harness webbing puller. E. R. Detrick. 2,341,909; Feb. 15.
Parachute opening device, Automatic. P. K. Bresee. 2,353,440; July 11.
Parachute pull-up string holder. W. B. Hurt. 2,357,828; Sept. 12.
Parachute toy. A. L. Ruthven. 2,364,821; Dec. 12.
Parachute with cone, Vented. C. A. Volf. 2,365,230; Dec. 19.
Paraffin hydrocarbons, Treatment of. C. G. Gerhold. 2,354,641; July 25.
Paraffin hydrocarbons, Treatment of. A. R. Goldsby and E. E. Sensel. 2,339,849; Jan. 25.
Paraffinic hydrocarbons, Isomerisation. J. H. Bartlett. 2,338,568; Jan. 4.
Paraffinic oils, Producing. A. M. McAfee and E. E. Dunlay. 2,347,274; Apr. 25.
Paraffins, Aminated chlorinated. C. C. Clark. 2,361,457; Oct. 31.
Paraffins, Isomerization of. C. G. Dryer. 2,343,406; Mar. 7.
Paraffins, Isomerization of normal. J. E. Wood, III, and C. S. Lynch. 2,354,565; July 25.
Paraffins, Isomerizing. C. S. Lynch and J. H. Bartlett. 2,344,889; Mar. 21.
Paraffins, Treatment of. H. Pines and H. S. Bloch. 2,349,516; May 23.
Parallel appliance. P. E. Grow. 2,364,784; Dec. 12.
Parallel mechanism for looms. R. W. Hook. 2,355,802; Aug. 15.
Parasite control. K. R. Brown. 2,357,078; Aug. 29.
Parasite control material, Preparation of a new. W. C. Hellings and F. B. McLane. 2,350,328; June 6.
Parasitic oscillation elimination. G. M. Brown. 2,358,312; Sept. 19.
Parasiticidal composition. G. H. Coleman, F. W. Fletcher, and G. E. Lynn. 2,350,324; June 6.
Parasiticidal dust for contact use and making the same. R. B. Arnold. 2,343,360; Mar. 7.
Parasiticidal preparation. W. P. ter Horst. 2,349,771–2; May 23.
Parasiticidal preparations. E. C. Ladd. 2,362,563–5; Nov. 14.
Parasiticidal preparations. W. P. ter Horst. 2,362,594; Nov. 14.
Parasiticide. R. R. Driesbach and F. W. Fletcher. 2,362,471; Nov. 14.
Para-xylene, Manufacture of. E. E. Zetterholm. 2,363,768; Nov. 28.
Parenteral administration unit. J. E. B. Shaw. 2,346,334; Apr. 11.
Parenteral solutions of anti-hemorrhagic compounds. G. H. Carlson and D. T. Rogers. 2,354,738; Aug. 1.
Parenteral solutions of 9-polyhydroxyalkyl-iso-alloxazines. A. E. Jurist. 2,358,331; Sept. 19.
Paring and cutting mechanism, Fruit. H. W. Rogers. 2,361,241; Oct. 24.
Parking device. P. J. Quinn. 2,358,592; Sept. 19.
Parking meter. C. A. MacCordy. 2,349,359; May 23.
Parking system. M. O. Teetor. 2,358,747; Sept. 19.
Part bearing. G. A. Rubissow. 2,342,302; Feb. 22.
Particles of solids, liquids, or gases, Grading or separation of. N. Mutch. 2,338,779; Jan. 11.
Parting compound. G. R. Gardner. 2,358,157; Sept. 12.
Partition carrier for bottles, Removable. A. J. Perlman. 2,357,129; Aug. 29.
Partition construction. W. W. Eager. 2,365,255; Dec. 19.
Partition construction. G. L. Fowles and C. J. Nocar. 2,352,702; July 4.
Partition construction. M. Praeger. 2,338,870; Jan. 11.
Partition for cars and the like, Adjustable. H. J. Wieden. 2,360,029; Oct. 10.
Partition, Metal. C. E. T. Johnson. 2,360,500; Oct. 17.
Partition structure. E. W. Nicholson. 2,347,276; Apr. 25.
Parts for electrical apparatus, Manufacturing. H. W. Goff. 2,350,887; June 6.
Passageway enclosure for passenger cars. K. Nystrom and L. L. Lentz. 2,354,045; July 18.
Paste and making the same, Storage battery. A. W. Schorger. 2,365,600; Dec. 19.
Paste dispenser. J. P. Marcy. 2,358,989; Sept. 26.
Paste mold machine for forming hollow glass blanks into finally blown articles. B. H. Koob. 2,348,347; May 9.
Paste, Textile printing. M. C. Moore. 2,345,879; Apr. 4.
Patch. E. Dugaw. 2,345,469; Mar. 28.
Patch applying apparatus. R. S. Colley. 2,351,404; June 13.
Patch applying mechanism. E. G. Staude. 2,341,956; Feb. 15.
Patch for static tests, Loading. E. B. Weaver and P. H. Kemmer. 2,358,369; Sept. 19.
Patch, Ship repair. A. Nelson. 2,365,488; Dec. 19.

Patient and bedding remover. R. M. Russell. 2,365,111; Dec. 12.
Patient handling means for bathtubs. J. N. Gross. 2,361,474; Oct. 31.
Pattern controlling mechanism for looms. A. S. Hutchins. 2,357,470; Sept. 5.
Pattern, Dress. C. M. Dunn. 2,365,532; Dec. 19.
Pattern mechanism for looms. C. P. Bergstrom. 2,357,448; Sept. 5.
Patterns, Making. R. J. Miller. 2,348,086; May 2.
Pavement slabs and the like, Method and apparatus for placing. C. Jackson. 2,346,379; Apr. 11.
Paving. J. E. Bushnell. 2,361,377; Oct. 31.
Paving block. N. H. Green. 2,340,526; Feb. 1.
Paving composition. L. Hemmer. 2,339,853; Jan. 25.
Paving compositions, Manufacture of. A. B. Talbot. 2,340,779; Feb. 1.
Paving mixture, Preparing. C. Mack. 2,339,231; Jan. 11.
Pay roll board. J. H. Page. 2,338,532; Jan. 4.
Pay roll board. L. K. Straus. 2,338,553; Jan. 4.
Pea pods, Opening. W. L. Scarff. 2,360,983; Oct. 24.
Peak demand meter. T. A. Rich. 2,356,616; Aug. 22.
Peanut picking machine. D. F. Good. 2,349,262; May 23.
Pear preparation machine. A. R. Thompson. 2,343,098; Feb. 29.
Pebbles, Treating. F. C. McGaughy. 2,355,171; Aug. 8.
Pecan hulls for treating muds, Use of. F. W. Jessen and J. L. Battle. 2,351,434; June 13.
Pectase, Preparation of. J. J. Willaman and C. H. Hills. 2,358,429; Sept. 19.
Pectinate, Preparing. J. J. Willaman, H. H. Mottern, C. H. Hills, and G. L. Baker. 2,358,430; Sept. 19.
Pedal, Folding bicycle. W. B. Johnson. 2,359,764; Oct. 10.
Pedal operated vehicle. S. Axelrod. 2,360,824; Oct. 24.
Pedestal. G. H. Koch. 2,364,794; Dec. 12.
Pedestal snubber. C. E. Tack. 2,357,619; Sept. 5.
Pedestal type crusher. O. C. Gruender. 2,359,987; Oct. 10.
Peel or arm for furnace charging boxes, Charging. J. W. Forsythe and A. T. Reichenbach. 2,349,854; May 30.
Peeler, Vegetable. H. Gamache. 2,362,896; Nov. 14.
Peeling and slicing attachment for knives. C. E. O'Neil. 2,354,607; July 25.
Peg, Tent. J. F. LeGere. 2,358,089; Sept. 12.
Pelican hook. F. C. Simonds. 2,356,279; Aug. 22.
Pellicle, Moistureproof. A. Hershberger. 2,360,947; Oct. 24.
Pellicles, Process and apparatus for producing. F. H. Reichel. 2,364,552; Dec. 5.
Pelorus, Illuminated. F. H. Parks. 2,357,282; Sept. 5.
Pelt or case form. J. J. Fitzgerald. 2,343,968; Mar. 14.
Pelt or skin stretching mechanism, Fur. C. H. Donner and W. C. Weber. 2,357,884; Sept. 12.
Pelt stretcher. P. F. Fishbeck. 2,362,002; Nov. 7.
Pelt stretcher. R. D. Philbrick. 2,360,718; Oct. 17.
Pelts, Treatment of. C. G. Schneider. 2,359,444; Oct. 3.
Pen, Fountain. D. Kahn and J. W. Para. 2,339,860; Jan. 25.
Pen, Fountain. T. Kovács. 2,338,947; Jan. 11.
Pen, Fountain. J. Simpson. 2,354,484; July 25.
Pen, Fountain. W. D. Teague. W. D. Teague, Jr., S. Myers, and D. D. Andrews. 2,362,948; Nov. 14.
Pen, Fountain. J. Wallace. 2,356,109; Aug. 15.
Pen, Fountain. R. T. Wing. 2,360,297; Oct. 10.
Pen, Fountain. G. E. Ziegler. 2,340,359; Feb. 1.
Pen-playhouse, Convertible. S. L. Dennis. 2,354,202; July 25.
Pencil and first-aid kit. M. J. and A. L. Petruccione. 2,354,402; July 25.
Pencil construction. W. E. Hoffmann. 2,341,717; Feb. 15.
Pencil, Display. W. R. Wilson. 2,347,144; Apr. 18.
Pencil for laundry marking. F. M. Sell. Re. 22,530; Aug. 15.
Pencil for laundry marking. F. M. Sell. 2,347,644; May 2.
Pencil holder. R. B. Hansen. 2,354,118; July 18.
Pencil, Mechanical. H. S. Hasselquist. 2,355,914; Aug. 15.
Pencil, Mechanical. P. S. Hauton. 2,365,548; Dec. 19.
Pencil, Mechanical. D. P. Jacobs. 2,340,665; Feb. 1.
Pencil, Mechanical. D. Jueles. 2,349,553; May 23.
Pencil, Mechanical. D. Jueles. 2,365,880; Dec. 26.
Pencil, Mechanical. C. K. Lovejoy. 2,358,091; Sept. 12.
Pencil, Mechanical. F. P. Moore. 2,353,177; July 11.
Pencil, Mechanical. J. W. Para. 2,339,290; Jan. 18.
Pencil, Mechanical. B. D. Smith. 2,362,727; Nov. 14.
Pencil, Multiple mechanical. G. Meier. 2,344,447; Mar. 14.
Pencil pointer. J. and H. Turenchalk. 2,359,593; Oct. 3.
Pendant pin structure. N. Rubin. 2,357,782; Sept. 5.
Pendulum support. R. B. Wright. 2,364,681; Dec. 12.
Penetrant, Mercerising. A. De Castro. 2,345,036; Mar. 28.
Pentaerythritol, Producing. H. M. Spurlin. 2,364,925; Dec. 12.
Pentaerythritol, Purification of. W. F. Filbert. 2,358,697; Sept. 19.
Pentaerythritols, Recovery of. J. A. Wyler. 2,360,186; Oct. 10.
Pentamethyl fluorobenzene. B. S. Biggs. 2,361,591; Oct. 31.
Percolator for coffee and the like. J. Masin. 2,360,569; Oct. 17.
Percussion cap safety device for percussion fuses. C. del Prato. 2,360,043; Oct. 10.
Percussion fuse. C. del Prato. 2,359,752; Oct. 10.
Percussion tool. C. S. Weyandt. 2,354,723; Aug. 1.
Percussion type motor assembly. C. E. Bannister. 2,345,024; Mar. 28.
Perfecting printing press. A. S. Harris. 2,360,340; Oct. 17.
Perforated elastic material, Molding. J. A. Grabec. 2,352,104; June 27.
Perforated leaves, Apparatus for binding. E. N. Farkas. 2,358,062; Sept. 12.
Perforating apparatus. O. P. Haegele. 2,338,327; Jan. 4.
Perforating apparatus. A. C. Holt. 2,353,034; July 4.
Perforating apparatus. A. C. Holt. 2,355,297; Aug. 8.
Perforating apparatus. A. W. Mills and E. Rabenda. 2,346,267; Apr. 11.
Perforating apparatus. G. F. Wales. 2,341,131; Feb. 8.
Perforating device. L. V. and S. A. Whistler. 2,350,436; June 6.
Perforating method and apparatus. W. L. Kitsman. 2,340,966; Feb. 8.
Perforation cleaner for pipe. W. G. Bradford. 2,345,027; Mar. 28.
Perforator, Gun. E. F. Raymond. 2,356,430; Aug. 22.
Perforator, Retrievable gun. E. F. Raymond. 2,356,431; Aug. 22.
Perfumer. M. Pappas. 2,347,060; Apr. 18.
Periodic distributing valve. F. Hauser. 2,341,041; Feb. 8.
Periscope, seat, and cane, Combination. H. Helgason. 2,360,404; Oct. 17.
Periscopic vision device. D. R. Stamy and C. E. Fisher. 2,364,670; Dec. 12.
Perishable articles, Treating. M. Kasser. 2,344,151; Mar. 14.
Perishable mark for quick frozen foods. R. P. McNaught. 2,340,337; Feb. 1.
Permanent magnet chuck. F. L. Simmons. 2,346,193; Apr. 11.
Permanent magnet material. O. J. Finch and J. H. White. 2,349,857; May 30.
Permanent magnetic chuck. J. T. Beechlyn. 2,359,293; Oct. 3.
Permanent waving and a permanent wave heater. F. Korf and W. F. Zentler. 2,349,285; May 23.
Permeability measurements, Method and apparatus for. G. L. Hassler. 2,345,935; Apr. 4.
Permutation and alarm lock. E. E. A. Hinnerfeldt. 2,344,088; Mar. 14.
Permutation lock. S. D. Foster. 2,344,860; Mar. 21.
Perpenes, Improving the color of resinous copolymers of. W. N. Traylor. 2,349,210; May 16.
Perpetual inventory device. H. A. Livingston. 2,365,283; Dec. 19.
Pertussis toxin and toxoid, Preparing. M. E. Roberts and E. F. Voigt. 2,359,388; Oct. 3.
Pessary, Inflatable. M. E. Schimpf. 2,365,296; Dec. 19.
Pessary introducer, Diaphragm. W. L. Schmitz, Jr. 2,338,135; Jan. 4.
Pest control. E. W. Bousquet. 2,342,448; Feb. 22.
Pest control. E. W. Bousquet and H. G. Guy. 2,347,393; Apr. 25.
Pest control. E. W. Bousquet and H. G. Guy. 2,365,047; Dec. 12.
Pest control. H. G. Guy and A. H. Goddin. 2,347,260; Apr. 25.
Pest control. F. H. Kaufert. 2,343,415; Mar. 7.
Petroleum deposits, Method of detecting. P. F. Dougherty and P. D. Barton. 2,346,735; Apr. 18.
Petroleum derivatives and product thereof, Treating. A. W. Francis. 2,363,171; Nov. 21.
Petroleum distillates, Sweetening. M. C. K. Jones and R. C. Brandon. 2,338,585; Jan. 4.
Petroleum emulsions, Breaking. H. G. Berger and P. M. Goodloe. 2,355,778; Aug. 15.
Petroleum emulsions, Breaking. M. De Groote. 2,342,648–50; Feb. 29.
Petroleum emulsions, Breaking. M. De Groote. 2,353,694–711; July 18.
Petroleum emulsions, Breaking. M. De Groote, B. Keiser, and A. F. Wirtel. 2,340,305–8; Feb. 1.
Petroleum emulsions, Breaking. M. De Groote and B. Keiser. 2,344,976–80; Mar. 28.
Petroleum emulsions, Breaking. M. De Groote and B. Keiser. 2,351,017–18; June 13.
Petroleum emulsions, Breaking. M. De Groote and B. Keiser. 2,360,853; Oct. 24.
Petroleum emulsions, Breaking. M. De Groote and B. Keiser. 2,363,504–5; Nov. 28.
Petroleum emulsions, Breaking. M. De Groote, B. Keiser, and A. F. Wirtel. 2,363,506; Nov. 28.
Petroleum emulsions, Breaking. A. F. Wirtel. 2,340,355; Feb. 1.
Petroleum emulsions, Handling. J. L. Harlan. 2,354,993; Aug. 1.
Petroleum gases for engine fuel, Using liquified. N. M. Jones. 2,359,219; Sept. 26.
Petroleum heater. F. H. Praeger. 2,348,181; May 2.

Petroleum hydrocarbon fractions from high pressure wells, Method of and apparatus for recovering desirable. L. S. Reid. 2,364,660; Dec. 12.
Petroleum oil, Cracking. G. C. Connolly. 2,339,838; Jan. 25.
Petroleum, Production of. K. L. Vonder Ahe and H. C. Zweifel. 2,338,217; Jan. 4.
Petroleum, Selective solvent extraction of. J. Q. Cope and W. H. Claussen. 2,343,611; Mar. 7.
Petroleum sulphonate derivates. L. Liberthson. 2,355,310; Aug. 8.
Petroleum sulphonic acids, Production of mahogany. M. Blumer. 2,358,774; Sept. 26.
Phantom magneto telephone system. C. S. Rhodes. 2,347,505; Apr. 25.
Phase and frequency modulation receiver. B. Trevor. 2,351,240; June 13.
Phase and frequency modulation system. C. W. Earp. 2,358,152; Sept. 12.
Phase angle indicator. E. L. Ginzton. 2,349,261; May 23.
Phase control in electrical transmission. E. I. Green and N. Monk. 2,345,933; Apr. 4.
Phase converter. O. Kiltie. 2,359,768; Oct. 10.
Phase correction circuit. C. W. Latimer. 2,357,671; Sept. 5.
Phase inverter. A. Keck and J. M. Brumbaugh. 2,353,672; July 18.
Phase-inverter circuit. R. C. Sanford. 2,340,617; Feb. 1.
Phase modulated carrier receiver. M. G. Crosby. 2,360,764; Oct. 17.
Phase modulation. M. G. Crosby. 2,354,799; Aug. 1.
Phase modulation and amplitude modulation receiving system. M. G. Crosby. 2,357,932; Sept. 12.
Phase modulation receiver. R. E. Schock. 2,340,432; Feb. 1.
Phase modulation recording and reproducing system. W. V. B. Roberts. 2,349,886; May 30.
Phase shifter, ninety degree. L. E. Norton. 2,341,232; Feb. 8.
Phasing device for synchronous telegraph systems. J. L. Callahan. 2,352,688; July 4.
Phenobarbital, Preparation of. M. T. Inman and W. P. Ritler. 2,358,072; Sept. 12.
Phenol-aldehyde resinous materials and making same, Modified. J. B. Monier. 2,363,893; Nov. 28.
Phenol-formaldehyde adhesives. W. S. Niederhauser and M. W. Miller. 2,357,798; Sept. 12.
Phenol-formaldehyde condensates, Processes of producing nonyellowing. B. Habraschka. 2,338,430; Jan. 4.
Phenol from salicylaldehyde, Separation of. W. C. Stoesser. 2,344,791; Mar. 21.
Phenol-ketone condensation products, Preparation of. R. H. Perkins and F. Bryner. 2,359,242; Sept. 26.
Phenol-rubber containing composition. J. Harmon. 2,345,597; Apr. 4.
Phenolic adhesive resin and method, Water-soluble. C. F. Van Epps. 2,360,376; Oct. 17.
Phenolic and naphtholic couplers containing sulphonamide groups. K. Schinzel. 2,356,475; Aug. 22.
Phenolic coupler compound. P. W. Cittum and W. D. Petersen. 2,338,676; Jan. 4.
Phenolic molding composition. F. Rosenthal. 2,354,479; July 25.
Phenolic resins, Heat-hardenable oil-containing. A. P. Mazzucchelli. 2,362,018; Nov. 7.
Phenols from thiophenols, Separation of. D. B. Luten, Jr. 2,339,576; Jan. 18.
Phenols from waste waters and apparatus for use in carrying same into effect, Recovering. R. Adler. 2,343,165; Feb. 29.
Phenols, Preparation of substituted. V. H. Turkington, L. B. Whiting, and L. P. Rankin. 2,353,282; July 11.
Phenols, Recovery of. H. G. Berger, E. M. Nygaard, and H. S. Angel. 2,342,386; Feb. 22.
Phenols, Recovery of. H. G. Berger, E. M. Nygaard, and H. S. Angel. 2,357,252; Aug. 29.
Phenols, Treating. L. I. Smith. 2,351,715; June 20.
Phenothiazine, Preparation of. A. H. Widiger, Jr. 2,360,295; Oct. 10.
Phenothiazine, Purification of. E. C. Britton and J. E. Eisenman. 2,353,292; July 11.
Phenyl o-phenoxybenzoate, Manufacture of. J. H. Pearson and B. W. Hammaren. 2,349,459; May 23.
Phenylacetaldehyde, Producing. W. S. Emerson. 2,360,301; Oct. 10.
Phonograph. L. B. Burnham. 2,360,847; Oct. 24.
Phonograph. J. A. Davis and I. Gil. 2,339,062; Jan. 11.
Phonograph. L. E. Dettle. 2,347,995; May 2.
Phonograph. O. M. Dunning. 2,341,703; Feb. 15.
Phonograph. L. Z. La Forest. 2,359,370; Oct. 3.
Phonograph. S. A. Scherbatskoy. 2,357,026; Aug. 29.
Phonograph. I. L. Stephan. 2,348,660; May 9.
Phonograph. E. O. Thompson. 2,359,808; Oct. 10.
Phonograph, Automatic. E. F. Andrews. Re. 22,551; Oct. 3.
Phonograph, Automatic. R. S. Cranmer and C. A. Pittman, Jr. 2,339,981; Jan. 25.
Phonograph, Automatic. J. Gabel. 2,340,418; Feb. 1.
Phonograph, Automatic. J. J. Heins, Jr. 2,352,542; June 27.
Phonograph, Automatic. P. F. Wilber. 2,354,899; Aug. 1.
Phonograph control, Automatic. F. J. Chojnowski. 2,362,244; Nov. 7.
Phonograph, Multiselective. J. F. Eakins. 2,342,652; Feb. 29.
Phonograph pickup. O. Kornei. 2,343,417; Mar. 7.
Phonograph record. J. W. Nell. 2,364,545; Dec. 5.
Phonograph record and making. W. H. Miller. 2,346,597; Apr. 11.
Phonograph record changer. A. W. Leline. 2,352,331; June 27.
Phonograph record ejecting holder. J. J. Hart. 2,352,710; July 4.
Phonograph record rack. O. Sabin. 2,346,705; Apr. 18.
Phonograph record stampers, Making. B. A. Proctor. 2,352,285; June 27.
Phonograph recording. L. B. Glaser and R. G. Franey. 2,338,842-3; Jan. 11.
Phonograph system. H. M. Bishop. 2,355,504; Aug. 8.
Phonograph turn-table, Multiple speed. R. W. Sears, II. 2,353,370; July 11.
Phonographic apparatus. E. C. Guedon. 2,346,071; Apr. 4.
Phonographic apparatus. J. J. Hoehn and A. G. Zimmerman. 2,350,682; June 6.
Phonographic apparatus. H. E. Roys. 2,359,585; Oct. 3.
Phonographic translating device. C. Huenlich. 2,356,851; Aug. 29.
Phosphatide composition, Preparation of a. P. L. Julian and E. W. Meyer. 2,355,081; Aug. 8.
Phosphatide material from vegetable oils containing it, Adsorption recovery of. H. R. Kraybill, P. H. Brewer, and M. H. Thornton. 2,353,571; July 11.
Phosphatides, Purification of. A. Christiansen. 2,356,382; Aug. 22.
Phosphatides, Refining vegetable. R. E. Greenfield. 2,339,164; Jan. 11.
Phosphonium compounds. W. Lommel and H. Münsel. 2,353,964; July 18.
Phosphor. H. R. Schoenfeldt. 2,362,090; Nov. 21.
Phosphorescent device. G. T. Schmidling. 2,360,516; Oct. 17.
Phosphoric acid manufacture. J. H. Coleman and S. G. Poll. 2,338,407; Jan. 4.
Phosphoric acid of high purity, Making. J. H. Coleman and S. G. Poll. 2,338,406; Jan. 4.
Phosphoric esters of phenols, Manufacture of. U. V. Solmssen. 2,345,690; Apr. 4.
Phosphorus compounds, Organic. G. M. Kosolapoff. 2,347,633; Apr. 25.
Phosphorus, Treatment of. J. C. Pernert. 2,359,243; Sept. 26.
Photoelastic instrument. F. W. Bubb. 2,341,422; Feb. 8.
Photoelectric apparatus for measuring color and turbidity. T. R. Gillett, P. F. Meads, and A. L. Holven. 2,356,238; Aug. 22.
Photoelectric devices and associated circuits, Compensating for drift of. K. Woloschak. 2,347,015; Apr. 18.
Photoelectric exposure control. B. B. Luboshes. 2,356,464; Aug. 22.
Photoengraving. W. S. Marx, Jr. 2,350,516; June 6.
Photoflash device. J. C. Hollister and W. Wood. 2,343,552; Mar. 7.
Photoflash synchronizing device. J. Sprague and B. D. Chamberlin. 2,362,863; Nov. 14.
Photoflash synchronizing mechanism. A. Schwarz. 2,355,825; Aug. 15.
Photoflash synchronizing mechanism. A. Schwarz. 2,358,941; Sept. 26.
Photograph mounting corner. G. F. Larts. 2,360,693; Oct. 17.
Photographic apparatus. J. P. Caracciolo, F. Caracciolo and G Caracciolo. 2,351,399; June 13.
Photographic apparatus. E. F. Flint and H. F. Kurts. 2,351,753; June 20.
Photographic apparatus. G. Kende and S. Johanson. 2,350,237; May 30.
Photographic apparatus. S. F. Monroe. 2,347,740; May 2.
Photographic apparatus. C. L. Walsh, L. Isaacs, and A. M. Mercur. 2,345,225; Mar. 28.
Photographic apparatus for making periodic time-recorded exposures. H. J. Fowler. 2,353,154; July 11.
Photographic arrangement. J. Bogopolsky. 2,352,176; June 27.
Photographic bleach-out layer. H. C. Staehle. 2,346,090; Apr. 4.
Photographic camera. H. Küppenbender. 2,351,978; June 20.
Photographic camera. S. W. Langdon. 2,359,429; Oct. 3.
Photographic camera. J. G. Zuber. 2,357,158; Aug. 29.
Photographic coating. J. Dessauer. 2,352,822; July 4.
Photographic color images, Production of. A. Fröhlich and W. Schneider. 2,341,872; Feb. 8.
Photographic color images, Production of. A. Fröhlich and W. Schneider. 2,357,393; Sept. 5.
Photographic composition and process. D. M. McQueen. 2,340,763; Feb. 1.
Photographic copying apparatus. R. S. Hopkins. 2,357,827; Sept. 12.
Photographic copying apparatus. R. S. Hopkins. 2,364,362; Dec. 5.

Photographic copying apparatus. P. Landrock and A. W. Caps. 2,358,649; Sept. 19.
Photographic developer. J. B. Dickey and J. G. McNally. 2,364,350; Dec. 5.
Photographic developers containing acylamino groups. W. T. Hanson, Jr. 2,350,109; May 30.
Photographic developing and washing apparatus. L. A. Wildman. 2,349,026; May 16.
Photographic developing apparatus. L. A. Wildman. 2,349,027; May 16.
Photographic developing apparatus. J. Wyllie, Jr. 2,346,530; Apr. 11.
Photographic developing machine. G. C. Garraway. 2,347,189; Apr. 25.
Photographic display. J. M. Blow. 2,360,099; Oct. 10.
Photographic document, Treating. A. C. Bandranas. 2,364,337; Dec. 5.
Photographic element, Ultraviolet-sensitive. E. E. Richardson and J. J. Chechak. 2,349,700; May 23.
Photographic emulsion. B. H. Carroll and J. Spence. 2,355,620; Aug. 15.
Photographic emulsion. A. Fröhlich and W. Schneider. 2,357,394-5; Sept. 5.
Photographic emulsion, Sensitised. B. H. Carroll and J. Spence. 2,361,928; Nov. 7.
Photographic emulsions, Chemical sensitizing of. A. Weissberger and B. H. Carroll. 2,346,095; Apr. 4.
Photographic emulsions, Leveling the characteristic of. C. Becker. 2,365,376; Dec. 19.
Photographic emulsions, Production of neutral tones in. B. H. Carroll and C. J. Staud. 2,346,065; Apr. 4.
Photographic enlarger. J. C. Carpenter. 2,351,599; June 20.
Photographic enlarger. J. Tessier. 2,361,667; Oct. 31.
Photographic exposure identification means particularly for aerial cameras. A. H. Gorey, L. D. Nadel, and E. S. Hineline. 2,362,814; Nov. 14.
Photographic film holder. B. L. Smith. 2,344,951; Mar. 28.
Photographic film, Reducing curl of. D. R. Swan. 2,341,485; Feb. 8.
Photographic film, Sheet material, particularly. G. F. Nadeau and E. H. Hilborn. 2,338,664; Jan. 4.
Photographic filter holder. B. C. Hineline and F. Knoepke. 2,356,668; Aug. 22.
Photographic flash synchronizer equipment. O. Steiner. 2,344,472; Mar. 14.
Photographic gelatin, Hardening. C. F. H. Allen and C. V. Wilson. 2,344,013; Mar. 14.
Photographic gelatin, Hardening of. C. S. Hollander. 2,359,217; Sept. 26.
Photographic gelatin layer containing a condensation product of an ethylol cyanamide with a fatty acid. D. R. Swan and C. G. Lindquist. 2,353,279; July 11.
Photographic identification equipment unit. B. L. Smith. 2,339,657; Jan. 18.
Photographic images, Color. W. Schneider and A. Fröhlich, and W. Zeh. 2,354,552; July 25.
Photographic images, Method of and material for producing corrected. B. Gaspar. 2,348,735; May 16.
Photographic images, Obtaining. B. Gáspár. 2,353,661; July 18.
Photographic images, Production of color. A. Fröhlich W. Schneider, and W. Zeh. 2,348,463; May 9.
Photographic images, Toning. H. A. Miller. 2,346,077; Apr. 4.
Photographic justifying apparatus. K. W. Schade. 2,356,620; Aug. 22.
Photographic layers and manufacture thereof. F. Jaffe. 2,357,890; Sept. 5.
Photographic layers containing dyestuffs. B. Bellenson. 2,350,060; May 30.
Photographic machine, Automatic. D. S. Burleigh. 2,355,779; Aug. 15.
Photographic mapping, Oblique aerial. G. W. Rappleyea. 2,358,777; Sept. 26.
Photographic masking. R. M. Evans. 2,355,636; Aug. 15.
Photographic material and producing same, Color. B. Gáspár. 2,356,750; Aug. 29.
Photographic material, Production of light sensitve. W. Kuhne. 2,365,416; Dec. 19.
Photographic materials. E. P. Davey. 2,358,060; Sept. 12.
Photographic materials and manufacturing same. B. Gáspár. 2,361,936; Nov. 7.
Photographic materials, Color. E. B. Knott. 2,364,374; Dec. 5.
Photographic materials, Sensitized. J. D. Kendall. 2,340,882; Feb. 8.
Photographic multicolor pictures, Producing. W. Michaelis. 2,347,119; Apr. 18.
Photographic objective. F. E. Altman. 2,346,061; Apr. 4.
Photographic objective. W. Schade and K. Tolle. 2,346,086; Apr. 4.
Photographic paper supports, Subbing. M. F. Fillius. 2,360,216; Oct. 10.
Photographic pictures, Production of colored. B. Gáspár. 2,341,034; Feb. 8.
Photographic plate, Framed. W. Rabkin and F. Newman. 2,351,877; June 20.
Photographic print treating apparatus. A. W. Caps and P. Landrock. 2,349,337; May 23.
Photographic printing. G. F. Rackett. 2,352,914; July 4.
Photographic printing apparatus. B. Burnham and E. Hoag. 2,353,218; July 11.
Photographic printing apparatus. W. F. Drehs. 2,348,457; May 9.
Photographic printing apparatus. E. B. Noel. 2,346,988; Apr. 18.
Photographic printing apparatus. F. M. Shull. 2,338,671; Jan. 4.
Photographic printing device. J. K. Polhemus and B. W. Henrikson. 2,346,329; Apr. 11.
Photographic printing machine. G. P. Grover. 2,344,405; Mar. 14.
Photographic printing material. W. J. Kridel. 2,358,169; Sept. 12.
Photographic prints, Production of. R. T. and R. I. Lewis. 2,359,653; Oct. 3.
Photographic process for etching figures on glass. J. V. Sigford and W. H. Kliever. 2,357,913; Sept. 12.
Photographic processes and compositions. W. D. Baldsiefen. 2,363,493; Nov. 28.
Photographic projection enlarger. A. E. Schubert. 2,358,106; Sept. 12.
Photographic projector. G. C. Garraway. 2,349,260; May 23.
Photographic recorder for accounting machines. J. W. Bryce. 2,343,397; Mar. 7.
Photographic recording machine. J. W. Bryce. 2,355,268; Aug. 8.
Photographic reducing composition and process. J. R. Weber and L. B. Morris. 2,339,309; Jan. 18.
Photographic reproduction apparatus. J. Paulas. 2,359,784; Oct. 10.
Photographic screening layer. E. E. Jelley and P. W. Vittum. 2,350,764; June 6.
Photographic sensitive material, Manufacture and production of. E. R. Box and F. E. Kerridge. 2,366,083; Dec. 26.
Photographic shutter. T. H. Johnson. 2,357,331; Sept. 5.
Photographic shutter operating mechanism. A. Schwarz. 2,344,645; Mar. 21.
Photographic sound record system and record. B. Kreuzer. 2,357,665; Sept. 5.
Photographic stand. H. L. Phillips. 2,352,221; June 27.
Photoelectric supervision of filling stations. A. G. B. Metcalf. 2,360,885; Oct. 24.
Photographic synchronizer testing equipment. J. A. Sprague. 2,353,896; July 18.
Photographic tank. F. M. Morgan and S. Wallace. 2,344,998; Mar. 28.
Photographic tracing cloth. G. F. Nadeau and C. B. Starck. 2,350,124; May 30.
Photographic washing apparatus. L. A. Wildman. 2,349,028; May 16.
Photography. C. F. A. White. 2,350,380; June 6.
Photography, Color. A. L. Bunting. 2,341,079; Feb. 8.
Photography, Color. C. Schettler and E. F. T. Schenk. 2,339,951; Jan. 25.
Photography, Color. C. Schettler and E. F. T. Schenk. 2,353,506; July 11.
Photography, Color. C. F. A. White. 2,363,764; Nov. 28.
Photography, Flash. H. E. Edgerton. 2,358,796; Sept. 26.
Photography, Preparing photographic silver halide emulsions for multicolor. A. Frölich, W. Schneider, and G. Wilmanns. 2,343,051; Feb. 29.
Photography, Subtractive color. W. Schneider. 2,343,424; Mar. 7.
Photometer. W. S. Kinnard. 2,353,475; July 11.
Photometer. R. G. Poindexter. 2,359,873; Oct. 10.
Photometer. J. M. Whittenton. 2,346,529; Apr. 11.
Photometric apparatus. G. Q. Voigt. 2,342,771; Feb. 29.
Photopolymerization method. J. S. Owens, J. Heeremz, and G. W. Stanton. 2,344,785; Mar. 21.
Photoprinting device. H. Cooley. 2,356,385; Aug. 22.
Photoprinting device. A. L. Creange. Re. 22,575; Dec. 12.
Photoprints, Method of and apparatus for the continuous production of. P. and R. König. 2,341,625; Feb. 15.
Phthalic anhydride, Purification of. F. Porter. 2,349,518; May 23.
Phthalocyanines, Manufacture of. N. H. Haddock. 2,342,663; Feb. 29.
Physical exercising or training apparatus. G. T. Stafford and F. Albach. 2,365,117; Dec. 12.
Physiologically active substance. P. J. Daughenbaugh. 2,353,016; July 4.
Piano. A. M. Tyson. Re. 22,578; Dec. 12.
Piano action. J. C. Potwin. 2,353,074; July 4.
Piano action. C. F. Stein. 2,361,573; Oct. 31.
Piano, Chart for teaching. E. E. Huish. 2,347,950; May 2.
Piano pin block. P. H. Bilhuber. 2,339,752; Jan. 25.
Picker and frame, Knitting. G. Albert. 2,347,069; Apr. 18.
Picker and making same. B. T. Clark. 2,341,904; Feb. 15.
Picker and making same. W. Gillet, E. L. Morris, and D. A. Ahlstrand. 2,353,454; July 11.
Picker, Corn. H. H. Cook. 2,346,252; Apr. 11.
Picker, Mechanical fowl or poultry. L. P. Haist. 2,362,371; Nov. 7.

Picker stick checking mechanism. W. J. Budsyna. 2,363,459; Nov. 21.
Picker sticks, Checking. W. J. Budsyna. 2,363,458; Nov. 21.
Picking and bagging machine, Potato. H. J. B. Kerr. 2,338,337; Jan. 4.
Picking device. C. E. Ashton. 2,354,356; July 25.
Picking mechanism for looms. E. A. Santon. 2,363,441; Nov. 21.
Picking process. W. L. Keene. 2,347,742; May 2.
Picking tank lining. W. T. Dean. 2,347,891; May 2.
Picnic outfit. H. Rothschild. 2,358,883; Sept. 26.
Pickup arm, Counterbalanced. L. Thompson and R. L. Stone. 2,357,034; Aug. 29.
Pickup device, Aerial. R. O. Anderson. 2,364,042; Dec. 5.
Pickup device for airplanes. R. R. Beddow. 2,364,598; Dec. 12.
Pickup device for harvester platforms. F. R. Martin. 2,363,888; Nov. 28.
Pickup device, Load. R. O. Anderson. 2,359,275; Sept. 26.
Pickup mechanism. A. W. Oehler. 2,351,144; June 13.
Pickup mechanism. L. A. Paradise, J. V. Irwin, and F. R. Martin. 2,347,926; May 2.
Picture and making the same, Stereoscopic. L. H. Brown. 2,361,347; Oct. 24.
Picture changing display. P. G. Ducarpe. 2,355,787; Aug. 15.
Picture frame device. H. Lathrop. 2,343,193; Feb. 29.
Pictures, Making composite. C. G. Clarke. 2,356,383; Aug. 22.
Pictures, mirrors, and the like, Framing. T. H. Firks. 2,358,172; Jan. 4.
Picture mount. W. A. Conway, Jr. 2,349,340; May 23.
Piecrust trimming ring. H. F. Korn. 2,355,307; Aug. 8.
Pie lifter. L. R. Meyran. 2,354,822; Aug. 1.
Pier. D. A. Muller. 2,344,782; Mar. 21.
Pier crane, Portable. E. W. Taylor. 2,361,331; Oct. 24.
Piercing and shearing tool. J. A. Lofgren. 2,338,289; Jan. 4.
Pies, Making. V. N. Calia. 2,363,395; Nov. 21.
Piezo crystal holder. S. A. Bokovoy. 2,362,797; Nov. 14.
Piezo crystal testing device. R. E. Meeker. 2,340,837; Feb. 1.
Piezoelectric apparatus and method. R. S. Bailey. 2,340,843; Feb. 1.
Piezoelectric crystal. W. F. Drews and A. E. Swickard. 2,362,056; Nov. 7.
Piezoelectric crystal apparatus. S. C. Hight. 2,343,059; Feb. 29.
Piezoelectric crystal apparatus. J. M. Wolfskill. 2,345,648; Apr. 4.
Piezoelectric crystal apparatus. J. M. Wolfskill. 2,364,501; Dec. 5.
Piezoelectric crystal holder. R. S. Bailey. 2,341,683; Feb. 15.
Piezoelectric crystal mounting. R. Bechmann, H. E. Kundt, and H. Bremer. 2,343,738; Mar. 7.
Piezoelectric crystals, Forming. C. W. MacConnell. 2,353,171; July 11.
Pig iron and making same. G. A. Beaumont. 2,363,496; Nov. 28.
Pig iron and steel, Directly producing. J. Lohse. 2,356,524; Aug. 22.
Pig iron, Purification of. J. Haag. 2,347,557; Apr. 25.
Pigment and preparing the same. D. W. Robertson. 2,346,188; Apr. 11.
Pigment and product, Treating. A. D. Wilson. 2,346,243; Apr. 11.
Pigment, Azo. W. B. Reynolds. 2,361,566–9; Oct. 31.
Pigment, Iron blue. A. E. Van Wirt and G. F. Jones. 2,357,296; Sept. 5.
Pigment, Manufacturing titanium. S. P. Todd and F. C. Vervuin. 2,355,187; Aug. 8.
Pigment production, Titanium oxide. C. M. Olson. 2,342,483; Feb. 22.
Pigmented resin and making. F. E. Drummond and W. A. Waldie. 2,350,955; June 6.
Pigments, Conditioning of. H. T. Lacey and H. Z. Lecher. 2,359,737; Oct. 10.
Pigments in polyamides, Dispersing. W. E. Catlin. 2,341,759; Feb. 15.
Pigments, Manufacturing. C. Robertson. 2,361,059; Oct. 24.
Pigments, Preparation. I. E. Muskat and A. Pechuka. 2,347,496; Apr. 25.
Pigments, Preparation of phthalocyanine. P. F. Gross. 2,365,464; Dec. 19.
Pigments, Production of improved. W. H. Daiger and G. E. Seidel. 2,357,089; Aug. 29.
Pigments, Production of titanium oxide. H. M. Stark and J. L. Keats. 2,346,091; Apr. 4.
Pigments to surfaces, Applying. O. Austin. 2,347,022; Apr. 18.
Pigments, Treating calcium sulphate. F. L. Kingsbury and C. L. Schmidt. 2,365,559; Dec. 19.
Pigments, Treating calcium sulphate. F. L. Kingsbury and F. J. Schultz. 2,365,560; Dec. 19.
Pigments, Treatment of. F. Gage. 2,345,191; Mar. 28.
Pile fabric. R. R. Cone. 2,344,537; Mar. 21.
Pile fabric, Making. C. H. Masland, 2nd. 2,342,746; Feb. 29.
Pile form. A. E. Troiel. 2,351,164; June 13.
Pile strip. W. Weiner. 2,338,828; Jan. 11.
Pill box. B. J. van den Dool. 2,356,632; Aug. 22.
Pill dispensing container. H. L. Apfelbaum. 2,353,629; July 18.
Pillar lock. E. N. Jacobi. 2,348,135; May 2.
Pillow cover. A. Levy. 2,357,789; Sept. 5.
Pillows, Renovating. J. O. Huebsch, Jr. 2,353,827; July 18.
Pilot, Automatic. R. Fink. 2,343,288; Mar. 7.
Pilot baffle, Notched. J. L. Breese. 2,361,912; Nov. 7.
Pilot burner. S. S. Guelson. 2,355,216; Aug. 8.
Pilot circuit switch. E. Muchow. 2,346,862; Apr. 18.
Pilot for airplanes, Automatic. E. H. Francis. 2,350,024; May 30.
Pilot for gas burners. A. D. Olds. 2,365,102; Dec. 12.
Pilot means for liquid level controls and the like. G. F. Brockett. 2,356,970; Aug. 29.
Pilot mechanism. G. K. Newell. 2,339,421; Jan. 18.
Pilot, Oil-burning. J. L. Breese. 2,357,997; Sept. 12.
Pilot, Radio-operated automatic. R. W. Gudie. 2,361,686; Oct. 31.
Pilot, Safety. A. P. Liver. 2,355,878; Aug. 15.
Pilot, Side wall. J. L. Breese. 2,346,816; Apr. 18.
Pilot support and air feed for pot type burners. J. L. Breese and M. D. Hudson. 2,353,439; July 11.
Pilot trainer. W. H. Hutter. 2,352,101; June 20.
Pilot valve. J. Converse. 2,349,484; May 23.
Pin. *See*—
Coiffure pin. Self-closing safety pin.
Reinforced insulator pin. Socket pin.
Safety pin.
Pin. E. J. Mason. 2,361,860; Oct. 31.
Pin and bushing lock for die sets. F. C. Danneman. 2,356,387; Aug. 22.
Pin connection. S. D. Bergman. 2,343,522; Mar. 7.
Pin driver and gauge. M. Feldman. 2,350,675; June 6.
Pin for securing curls. W. M. Reger, Jr., and P. C. Reger. 2,365,002; Dec. 12.
Pin game lift. L. Berman. 2,356,913; Aug. 29.
Pin inserting machine. W. E. Parks. 2,360,158; Oct. 10.
Pin reconditioning apparatus, Bowling. H. F. Phillips. 2,344,365; Mar. 14.
Pin setting apparatus for bowling alleys. G. J. Schmidt. 2,346,189; Apr. 11.
Pin spreader. F. H. Beach. 2,350,998; June 13.
Pin stem clutch. C. H. Okerholm and A. Pasquale. 2,354,638; July 25.
Pin ticket. J. B. Waters. 2,339,719; Jan. 18.
Pincers for wire-drawing blocks. T. Naponen. 2,361,646; Oct. 31.
Pine oleoresin, Refining. E. E. Fleck. 2,359,980; Oct. 10.
Pine tars, Treating crude. W. C. Smith. 2,364,104; Dec. 5.
Pinene and formaldehyde and the product obtained, Resetting. M. T. Harvey. 2,350,230; May 30.
Pine-wood pitch-pheno-formaldehyde resinous reaction products, Dispersion of. G. F. D'Alelio. 2,357,091; Aug. 29.
Pinking machine. K. A. Doehm. 2,348,529; May 9.
Pintle applying machine. D. Keller. 2,343,654; Mar. 7.
Pipe: *See*—
Apparatus for coating pipe. Protecting pipe.
Manufacturing fibro-cement pipe. Smoker's pipe.
Smoking pipe.
Sprinkler pipe.
Metal pipe. Tobacco pipe.
Pipe. G. R. Comptois. 2,356,975; Aug. 29.
Pipe. E. F. Needham. 2,349,296; May 23.
Pipes anchor means. M. S. Johnson. 2,357,956; Sept. 12.
Pipe and making same. F. F. Jenkins. 2,348,477; May 9.
Pipe and other coupling. L. M. C. Seamark. 2,346,051; Apr. 4.
Pipe and tool joint connection. L. B. Stinson. 2,341,670; Feb. 15.
Pipe bead eliminator, Welded. R. C. Palmer. 2,363,743; Nov. 28.
Pipe bell hub and sealing means. J. E. Frances. 2,347,044; Apr. 18.
Pipe bender. A. J. Matter. 2,351,279; June 13.
Pipe bending tool. W. O. Dick. 2,345,102; Mar. 28.
Pipe-bending tool. E. F. Wheeler. 2,356,716; Aug. 22.
Pipe bevelling machine. B. V. Elliott. 2,364,963; Dec. 12.
Pipe bowls, Manufacture of artificially smoked. M. D. Schwab. 2,361,243; Oct. 24.
Pipe chiller, Double. B. F. Kubaugh. 2,340,759; Feb. 1.
Pipe clamp. J. V. Wescott. 2,340,444; Feb. 1.
Pipe cleaner. W. Grocoff. 2,360,560; Oct. 17.
Pipe cleaning device. C. A. Johnson and G. E. Buys. 2,355,733; Aug. 15.
Pipe cleaning machine. J. E. Warren. 2,365,984; Dec. 26.
Pipe closure, Plug type. J. W. Gallop. 2,363,408; Nov. 21.
Pipe coating and wrapping. L. Perrault. 2,344,264; Mar. 14.
Pipe coating apparatus. J. R. Horrigan. 2,340,325; Feb. 1.
Pipe connection. A. H. Jahns. 2,362,557; Nov. 14.
Pipe construction. J. P. O'Halloran. 2,360,513; Oct. 17.
Pipe coupling. G. E. and R. Q. Armington. Re. 22,459; Mar. 28.
Pipe coupling. W. B. Damsel. 2,362,454; Nov. 14.

Pipe coupling. C. A. Dies. 2,347,469; Apr. 25.
Pipe coupling. C. A. Dies. 2,366,010; Dec. 26.
Pipe coupling. J. H. Lamont, M. S. Stables or Lamont, R. Patrick, and J. Waugh. 2,349,1806; May 16.
Pipe coupling. A. L. Parker. 2,342,425; Feb. 22.
Pipe coupling. J. W. Staggers. 2,338,307; Jan. 4.
Pipe coverings, Forming. W. H. Atkinson and H. W. Collins. 2,350,996; June 13.
Pipe cutter. C. C. Brown and J. J. Hastik. 2,351,187; June 13.
Pipe cutter. R. R. Hayden. 2,349,499; May 23.
Pipe end, Threaded. H. E. Somes. 2,340,706; Feb. 1.
Pipe extension, Exhaust. G. E. Peters and L. E. Russell. 2,355,674; Aug. 15.
Pipe fabricating machine. G. R. Newlon. 2,346,045; Apr. 4.
Pipe feeding apparatus. I. A. Colby. 2,348,786; May 16.
Pipe fitting, Pressed metal. C. A. Lapp. 2,360,427; Oct. 17.
Pipe-floor connection, Sanitary and safety. A. Fishko. 2,343,896; Mar. 14.
Pipe guide. L. J. Hess. 2,339,403; Jan. 18.
Pipe hanger. A. G. Goldberg and R. Cohn. 2,339,565; Jan. 18.
Pipe hanger. A. E. Hohmeister. 2,339,992; Jan. 25.
Pipe hanger. A. J. Loepsinger. 2,365,710; Dec. 26.
Pipe hanger press. R. G. Solheim. 2,363,756; Nov. 28.
Pipe hanger unit, Pre-insulated. C. P. Wright. 2,352,145; June 20.
Pipe heating furnace. J. L. Coody. 2,366,088; Dec. 26.
Pipe joint. A. T. McWane. 2,365,574; Dec. 19.
Pipe joint and seal-dam therefor. W. G. Calder. 2,360,314; Oct. 17.
Pipe joint or coupling. D. E. Badger. 2,361,811; Oct. 31.
Pipe-laying tool. R. L. Taylor. 2,359,261; Sept. 26.
Pipe line control system. S. S. Smith. 2,339,957; Jan. 25.
Pipe-line leak detecting method. K. J. Mysels. 2,346,043; Apr. 4.
Pipe lining apparatus. W. R. Brend. 2,352,768; July 4.
Pipe measuring apparatus. W. A. Abegg. 2,342,234; Feb. 22.
Pipe or conduit, Articulate. J. F. Stephens. 2,349,016; May 16.
Pipe or rod joint connection and seal. E. J. Shimek. 2,341,164; Feb. 8.
Pipe or the like, Measuring. J. E. Levin. 2,362,907; Nov. 14.
Pipe protection machine. J. D. Cummings and M. J. Crose. 2,359,751; Oct. 10.
Pipe reaming and cleaning device. B. F. Tade. 2,362,036; Nov. 7.
Pipe, Recovery of. P. E. Harth. 2,340,950; Feb. 8.
Pipe, Smoker's. M. Sitney. 2,351,883; June 20.
Pipe, Smoking. F. J. Topp. Re. 22,516; July 11.
Pipestem. F. Y. Henkle. 2,363,669; Nov. 28.
Pipe system, Underground insulated. D. C. Goff. 2,355,966; Aug. 15.
Pipe, Tobacco. R. E. Sadtler. 2,356,355; Aug. 22.
Pipe tong. C. A. Lundeen. 2,347,698; May 2.
Pipe wrapping material. E. M. Converse. 2,360,109; Oct. 10.
Pipe wrench. C. C. Clayton. 2,365,054; Dec. 12.
Pipe wrench. F. L. Cook. 2,365,627; Dec. 19.
Pipe wrench. C. Hollingsworth. 2,361,769; Oct. 31.
Pipe wrench. C. D. Stiteler. 2,350,259; May 30.
Pipe wrench. J. Thynne. 2,360,454; Oct. 17.
Piped light full-beam electric lamp. H. Swanson. 2,362,175; Nov. 7.
Pipes and tubes, Cold-drawing. E. N. Sanders. 2,351,710; June 20.
Pipes and tubes, Method and apparatus for manufacturing seamless. B. Bannister. 2,363,476; Nov. 28.
Pipette. W. T. Mathis. 2,339,870; Jan. 25.
Pipette. W. T. Mathis. 2,358,936; Sept. 26.
Pipette washing apparatus. E. E. Myers and E. E. Beohm. 2,345,284; Mar. 28.
Piping arrangement. A. Howard. 2,355,440; Aug. 8.
Piperazine compounds, Making. H. C. Chitwood. 2,345,236; Mar. 28.
Piperazino-piperazines. H. C. Chitwood and R. W. McNamee. 2,345,237; Mar. 28.
Piperidine derivatives and manufacture of the same. J. Lee and W. Freudenberg. 2,355,659; Aug. 15.
Piperidine, Purification of. H. L. Stasse. 2,363,158; Nov. 21.
Piperidine, Purification of. K. H. Engel. 2,363,159; Nov. 21.
Piperidine, Purifying. H. L. Stasse. 2,363,157; Nov. 21.
Piperylene-cyclopentadiene copolymers. F. J. Soday. 2,352,981; July 4.
Pistol. H. E. Mills. 2,364,232; Dec. 5.
Pistol, Flare. H. E. Mills. 2,362,391; Nov. 7.
Pistol, Flare. G. R. Severance, F. K. Comiskey, and H. E. Jones. 2,360,168; Oct. 10.
Pistol, Flare. J. M. Sherrer, G. R. Severance, and E. S. Huntington. 2,363,203; Nov. 21.
Pistol, Signal. D. R. P. Jackson. 2,351,268; June 13.
Piston. I. E. Aske. 2,356,909; Aug. 29.
Piston. H. D. Brandt and J. L. Weinmann. 2,341,592; Feb. 15.
Piston. Z. A. Bruegger. 2,343,530; Mar. 7.
Piston. E. J. Cartier. 2,361,819; Oct. 31.
Piston. P. F. Crothers. 2,343,751; Mar. 7.
Piston. R. A. Goepfrich. 2,349,345; May 23.
Piston. H. I. Hazzard. 2,340,662; Feb. 1.
Piston. F. J. McAllister. 2,360,568; Oct. 17.
Piston. A. Schelbe. 2,344,416; Mar. 14.
Piston. J. M. Simpson. 2,351,554; June 13.
Piston. O. L. Starr. 2,349,917; May 30.
Piston. M. H. Sullivan. 2,357,854; Sept. 12.
Piston. A. Townhill. 2,340,498; Feb. 1.
Piston. H. F. Wood. 2,341,636; Feb. 15.
Piston and connecting-rod assembly. L. B. Berg. 2,360,642; Oct. 17.
Piston and cylinder construction. J. McLintock. 2,363,605; Nov. 28.
Piston and cylinder system. P. Descourtis. 2,356,511; Aug. 22.
Piston and like packing device. C. A. Gosling. 2,340,466; Feb. 1.
Piston and packing. A. B. Root, Jr. 2,339,949; Jan. 25.
Piston and piston rod assembly. T. R. Smith. 2,361,244; Oct. 24.
Piston construction. S. Schnell. 2,364,823; Dec. 12.
Piston construction. O. L. Starr. 2,349,918; May 30.
Piston construction. R. T. Whitney and F. E. Miller. 2,342,775; Feb. 29.
Piston construction, Expansion controlling. A. M. Alexandrescu. 2,352,592; July 4.
Piston expander. R. W. Paton. 2,350,064; May 30.
Piston expander. J. Sunnen. 2,349,890; May 30.
Piston expander. H. K. Switzer. 2,341,959; Feb. 15.
Piston expander and stabilizer. C. F. Johnston. 2,350,619; June 6.
Piston expander for T-slotted and unslotted piston skirts. G. J. Worel. 2,355,937; Aug. 15.
Piston for internal-combustion engines. J. L. Harrah. 2,361,095; Oct. 24.
Piston for oil wells, Operating. J. Moser. 2,355,669; Aug. 15.
Piston for steam driven pumps. H. C. Keith. 2,345,482; Mar. 28.
Piston machine, Free. R. Pateras Pescara. 2,344,058; Mar. 14.
Piston machine, Free. R. Pateras Pescara. 2,355,924; Aug. 15.
Piston means for gas-operated firearms. D. M. Williams. 2,341,005; Feb. 8.
Piston means for gas-operated firearms. D. M. Williams. 2,341,680; Feb. 15.
Piston mechanism. E. E. Hewitt. 2,344,869; Mar. 21.
Piston packing. D. M. Smith. 2,359,007; Sept. 26.
Piston packing. D. M. Smith. 2,361,904; Oct. 31.
Piston packing. D. M. Smith. 2,362,673; Nov. 14.
Piston resizer. R. M. Ulrich. 2,343,719; Mar. 7.
Piston ring. T. A. Bowers. 2,346,896; Apr. 18.
Piston ring. C. F. Engelhardt. 2,345,589; Apr. 4.
Piston ring. H. W. Guelker. 2,357,467; Sept. 5.
Piston ring. W. S. Loeb. 2,343,915; Mar. 14.
Piston ring. W. S. Mason. 2,362,286; Nov. 7.
Piston ring. W. S. Mason. 2,362,287; Nov. 7.
Piston ring. A. W. Morton. 2,364,743; Dec. 12.
Piston ring. M. O. Tector. 2,343,942; Mar. 14.
Piston ring. V. F. Zahodiakin. 2,355,772; Aug. 15.
Piston ring and making same. W. H. Farr. 2,362,810; Nov. 14.
Pitman arm, Adjustable. T. J. Oliver. 2,359,669; Oct. 3.
Piston ring assembly. A. P. Fall. 2,340,903; May 30.
Piston ring assembly and method, Regroove. H. P. Phillips. 2,365,725; Dec. 26.
Piston ring elements, Processing split. H. P. Phillips. 2,349,372; May 23.
Piston ring means. T. A. Bowers. 2,345,176; Mar. 28.
Piston ring structure. T. E. McFall and O. G. Norton. 2,343,919; Mar. 14.
Piston rings, Forming. V. F. Zahodiakin. 2,339,538; Jan. 18.
Piston rings, Making slotted. T. A. Bowers. 2,346,898; Apr. 18.
Piston rings, Method and apparatus for crowning. E. A. Ryder. 2,344,924; Mar. 21.
Piston sealing device. E. Ericsson. 2,364,781; Dec. 12.
Piston structure. W. van den Berg. 2,352,041; June 20.
Piston structure for shock absorbers. C. E. Read, J. M. Nickelsen, and A. Boor. 2,346,275; Apr. 11.
Piston valve assembly. J. R. Rushmer. 2,352,410; June 27.
Pistons, Cooling of. H. R. Ricardo. 2,362,158; Nov. 7.
Pistons, Making forged. A. H. King. 2,344,358; Mar. 14.
Pistons, Treating. H. P. Phillips. 2,354,275; July 25.
Pit discharging apparatus for automatic bowling alleys. J. Parra and W. White. 2,341,476; Feb. 8.
Pit lining, Salt water. J. C. Becker. 2,348,320; May 9.
Pitch adjusting mechanism for propeller fans. C. N. Bebinger. 2,350,383; June 6.
Pitch adjusting mechanism for variable pitch propellers. H. H. Roby. 2,354,422; July 25.
Pitch composition, Brewer's. J. N. Borglin. 2,358,207; Sept. 12.
Pitch control, Propeller reversing. C. W. Chillson. 2,346,007; Apr. 4.
Pitch propeller, Adjustable. A. K. McLeod. 2,362,913; Nov. 14.
Pitch propeller assembly, Variable. H. K. Moore. 2,355,317; Aug. 8.

Pitch propeller control, Variable. J. H. Hammond, Jr., and G. A. Colley. 2,352,786; July 4.
Pitch propeller mechanism for airplanes, Adjustable. A. K. McLeod. 2,362,914; Nov. 14.
Pitch propeller, Variable. J. T. Corrigan. 2,352,186; June 27.
Pitch propeller, Variable. D. G. Lilley. 2,346,979; Apr. 18.
Pitman attachment. J. E. Kiper. 2,353,476; July 11.
Pitot control system for aircraft. W. P. Lear. 2,364,637; Dec. 12.
Pitot tube. E. Dalber. 2,343,282; Mar. 7.
Pitot tube block-connector assembly. G. F. L. Van Meerbeke. 2,358,367; Sept. 19.
Pivot forming mechanism for balancing machines. G. C. Lawrie. 2,361,299; Oct. 24.
Pivot means for firearm elements. T. R. Robinson, Jr. 2,350,131; May 30.
Pivot structure. A. G. Blanchard. 2,362,429; Nov. 7.
Pivotal connection. H. T. Kraft. 2,358,518; Sept. 19.
Pivotal connection. E. Lee and O. G. Ellefson. 2,357,672; Sept. 5.
Pivotal mounting. G. H. Kendall, S. Orbandier, and H. W. Brooks. 2,362,012; Nov. 7.
Pivotal mounting for draftsman's drawing boards on draftsmen's drawing tables. G. E. Froelich. 2,341,537; Feb. 15.
Pivoted link chain. L. E. Simmons. 2,365,911; Dec. 26.
Pivoted link chain. H. H. Vanderzee. 2,365,229; Dec. 19.
Placard. E. F. Blechta. 2,343,741; Mar. 7.
Placer washing apparatus. H. G. Martin. 2,358,409; Sept. 19.
Placket closure for full-length garments. J. Elkes. 2,345,186; Mar. 28.
Plane. J. L. Pringle. 2,344,897; Mar. 21.
Plane attachment. J. A. E. Romanoski. 2,349,112; May 16.
Plane, Carpenter's. A. H. Lavictes. 2,347,570; Apr. 25.
Plane, Fighter. R. Fonck. 2,358,919; Sept. 26.
Plane shutter, Photographic focal. D. G. Hunter. 2,347,951; May 2.
Plane, War. N. J. Zerangue. 2,342,779; Feb. 29.
Planer attachment, Hydraulic duplicating. M. Turchan and C. Walker. 2,357,790; Sept. 5.
Planer control. G. E. King. 2,361,212; Oct. 24.
Planer head, Double-acting. C. E. Southwell. 2,352,132; June 20.
Planetary engine. L. D. McCleary. 2,359,657; Oct. 3.
Planimeter. G. Tichauer. 2,343,821; Mar. 7.
Planimeter, Hide. W. G. Bond and A. Sellers, Jr. 2,360,545; Oct. 17.
Planimeter, Hide. F. S. Stout, W. G. Bond, and L. A. Ladner. 2,360,594; Oct. 17.
Planing tool. J. M. Walter. 2,358,897; Sept. 26.
Planographic printing, Art of. W. B. Wescott. 2,342,713; Feb. 29.
Planographic printing plate. W. B. Wescott. 2,348,771; May 16.
Plant buds, Treatment of. A. E. Hitchcock and P. W. Zimmerman. 2,341,867; Feb. 15.
Plant, By-product coke oven. C. Otto. 2,342,214; Feb. 22.
Plant chopper. J. R. Schnaidt. 2,359,005; Sept. 26.
Plant for distributing air under pressure and in constituting parts thereof. C. R. Waselge. 2,345,082; Mar. 28.
Plant for spinning machines for catching and removing thread ends, Exhaust. H. Thoma. 2,354,893; Aug. 1.
Plant for watercraft or aircraft, Motive. A. Markwalder. 2,356,045; Sept. 26.
Plant, Gasoline. L. S. Gregory. 2,345,934; Apr. 4.
Plant growing container and closure. J. L. Heinl. 2,361,029; Oct. 24.
Plant growth, Regulation of. G. S. Avery, Jr. 2,364,054; Dec. 5.
Plant, Marine power. H. Taillefer. 2,356,546; Aug. 22.
Plant pack. C. E. Gardner. 2,340,373; Feb. 1.
Plant pulling tool. C. Fierbaugh. 2,343,176; Feb. 29.
Plant receptacle. E. Carlson. 2,344,202; Mar. 14.
Plant response composition. V. Migrdichian. 2,358,727; Sept. 19.
Plant shipping container. C. E. Gardner. 2,341,374; Feb. 8.
Plant support. O. L. Brumfield. 2,345,455; Mar. 28.
Plant thinning machine. A. Guerrero. 2,347,232; Apr. 25.
Plant thinning wheel. J. R. Uddenborg. 2,341,830; Feb. 15.
Plant, Water treating. W. H. Hinsch. 2,359,991; Oct. 10.
Plant watering apparatus. H. Y. Jennings. 2,346,029; Apr. 4.
Planter. O. F. Drennan. 2,364,958; Dec. 12.
Planter. G. M. Kriegbaum and C. C. Haas. 2,341,795; Feb. 15.
Planter. J. D. McKahin. 2,365,201; Dec. 19.
Planter. R. R. Raney and J. H. Bornzin. 2,341,813; Feb. 15.
Planter. G. L. Weber. 2,339,534; Jan. 18.
Planter. C. H. White. 2,340,163; Jan. 25.
Planter. C. H. White. 2,360,028; Oct. 10.
Planter attachment. K. Powers. 2,355,393; Aug. 8.
Planter, Hand. B. Baer. 2,361,005; Oct. 24.
Planter, Seed. E. E. Englund. 2,339,689; Jan. 18.
Planter, Seed. J. V. Ludwig. 2,362,887; Nov. 7.
Planter, Tractor-drawn liftable. J. F. Bade. 2,363,749; Nov. 28.
Planter, Tractor-mounted. J. W. Orendorff. 2,341,190; Feb. 8.
Planter, Tractor-mounted. J. W. Orendorff. 2,358,532; Sept. 19.
Planting mechanism. H. P. Cordes. 2,348,787; May 16.
Planting mechanism. W. Elliott. 2,347,091; Apr. 18.
Plants, Stimulating. R. N. Du Puis and C. W. Lenth. Re. 22,420; Jan. 18.
Plants, Treatment of. A. E. Hitchcock and P. W. Zimmerman. 2,363,325; Nov. 21.
Plaque, Decorative. O. Swarts. 2,354,622; July 25.
Plaster and plaster product. R. D. Pike. 2,360,620; Oct. 17.
Plaster base and wall formed therewith. H. E. Hay. 2,342,859; Feb. 29.
Plasterboard. J. J. Etridge, J. B. Sandford, and V. Lefebure. 2,362,060; Nov. 7.
Plastic composition and method, Lightweight. P. S. Turner. 2,361,438; Oct. 31.
Plaster composition and process. M. C. Dailey. 2,341,426; Feb. 8.
Plaster ear, Adjustable. M. B. Austin, Jr. 2,348,318; May 9.
Plaster lath, Manufacture of. U. G. Farmer and F. H. Wheelock. 2,342,462; Feb. 22.
Plaster, Manufacture of set stabilized. D. D. Crandell. 2,355,058; Aug. 8.
Plastic articles, Making laminated. E. W. Otto. 2,364,870; Dec. 12.
Plastic articles, Making metal-coated. G. A. Goessling. 2,357,950; Sept. 12.
Plastic articles, Method of and apparatus for making blown. W. H. Kopitke. 2,349,177; May 16.
Plastic articles, Molding. Z. T. Walter. 2,356,902; Aug. 29.
Plastic articles, Molding decorated. F. G. Purinton and W. A. Zwiebel. 2,364,388; Dec. 5.
Plastic articles, Producing molded. K. G. Siedschlag and C. F. Hildring. 2,358,259; Sept. 12.
Plastic bands, Machine for applying. J. R. Balsley and R. H. Colomy. 2,340,211; Jan. 25.
Plastic bead chains and the like, Treatment of. R. G. Plumley and F. E. Lohse. 2,356,002; Aug. 15.
Plastic binding sealing machine. C. E. Immer. 2,342,130; Feb. 22.
Plastic buttons and the like, Machine for inspecting and sorting translucent moulded. F. H. Peterson. 2,351,702; June 20.
Plastic coatings, Process and apparatus for caring. E. M. Bright. 2,346,101; Apr. 4.
Plastic compositions and producing the same, Protein-containing. L. A. Watt. 2,365,671; Dec. 26.
Plastic compound. M. de Becker Remy. 2,351,149; June 13.
Plastic composition. J. P. Ferrer and S. D. Douglas. 2,349,414; May 23.
Plastic composition. H. W. Greider and G. A. Fasold. 2,354,593; July 25.
Plastic composition. R. H. Manley and C. D. Evans. 2,357,839; Sept. 12.
Plastic composition. S. Musher. 2,355,033; Aug. 1.
Plastic composition. J. D. Ryan. 2,348,756; May 16.
Plastic composition. H. M. Sonnichsen. 2,351,301; June 13.
Plastic composition and making the same. S. P. Lovell and H. H. Straw. 2,346,134; Apr. 11.
Plastic composition and making the same. O. M. Reiff and A. P. Kozacik. 2,349,198; May 16.
Plastic composition and preparing the same. L. Smidth. 2,359,166; Sept. 26.
Plastic composition for wallboard joints. H. F. Gardner. 2,353,822; July 18.
Plastic compositions. W. E. Welch. 2,362,961; Nov. 14.
Plastic compound and making same. M. de B. Remy. 2,355,180; Aug. 8.
Plastic eyelets, Apparatus for setting. C. D. Knowlton. 2,343,982; Mar. 14.
Plastic fabric. T. W. Stedman. 2,354,435; July 25.
Plastic fabricating machines, Method and composition for purging. L. K. Merrill and W. R. Wheeler. 2,346,228; Apr. 11.
Plastic hinge cap. R. P. Magnenat. 2,342,477; Feb. 22.
Plastic injection machine. L. P. McGowen. 2,351,774; June 20.
Plastic layers, Molding. F. Grundel. 2,345,112; Mar. 28.
Plastic material and device therefor, Welding. F. P. Kilgour. 2,360,950; Oct. 24.
Plastic material and waterproofing the same. A. T. Smith. 2,355,756; Aug. 15.
Plastic material dispenser. E. D. Skinner. 2,340,438; Feb. 1.
Plastic material, Drying. G. A. Perry. 2,362,302; Nov. 7.
Plastic material, Treatment of. E. Schweizer. 2,365,297; Dec. 19.
Plastic materials and the products produced, Coating. F. J. Sowa. 2,341,885; Feb. 15.
Plastic materials, method of and apparatus for extruding and blowing organic. W. H. Kopitke. 2,349,178; May 16.
Plastic methyl methacrylate. W. S. Johnson. 2,346,107; Apr. 4.

Plastic pelleting machine. G. A. Frenkel. 2,341,213; Feb. 8.
Plastic polymeric derivatives of chloroprene and producing the same. L. H. Howland. 2,349,733; May 23.
Plastic polyvinyl acetal compositions. H. K. Nason. 2,360,306; Oct. 10.
Plastic reaction products of conjugated olefins with wax substituted aromatic compounds. O. M. Reiff and J. D. Zech. 2,349,759; May 22.
Plastic ribbons, Controlling the viscosity of extruded. J. Bailey and R. S. Jesionowski. 2,339,451; Jan. 18.
Plastic sheeting and treatment thereof. L. Paggi. 2,360,712; Oct. 17.
Plastic sheeting, Treating. P. W. Crane. 2,360,650; Oct. 17.
Plastic sheets or ribbons by extrusion, Method of and apparatus for producing continuous organic. J. Bailey. 2,365,326; Dec. 19.
Plastic slugs, Molding. J. Bailey and R. S. Jesionowski. 2,339,452; Jan. 18.
Plastic solutions and incorporating solid filling material therein, Forming. C. E. Boutwell. 2,353,991; July 18.
Plastic, Thio-protein. O. Huppert. 2,343,011; Feb. 29.
Plastic trim. C. E. Slaughter. 2,348,658; May 9.
Plastic washing apparatus. H. A. Kuntz. 2,356,411; Aug. 22.
Plastically reproducing objects. I. Morioka. 2,350,796; June 6.
Plasticized polyvinyl acetal resin. W. H. Lycan. 2,340,482; Feb. 1.
Plasticized rubber compositions and plasticizing rubber. R. L. Sibley. 2,364,394; Dec. 5.
Plasticized vinyl polymer. R. Endres. 2,339,387; Jan. 18.
Plasticizers and tackifiers for rubber, waxes, and the like. G. P. Mack. 2,357,676; Sept. 5.
Plasticizing agents from acid sludge, Producing. R. P. Ferguson. 2,360,320; Oct. 17.
Plastics by extrusion, Shaping. J. Bailey. 2,365,374; Dec. 19.
Plastics by extrusion, Shaping. J. Bailey and R. S. Jesionowski. 2,365,375; Dec. 19.
Plastics, Method of and machine for molding. F. H. Shaw. 2,344,176; Mar. 14.
Plate, Adjustable angle. L. H. Saucier. 2,365,436; Dec. 19.
Plate and receptacle lifter. A. Ozdobinski. 2,362,395; Nov. 7.
Plate assembling and retaining jack. F. Martini. 2,358,180; Sept. 12.
Plate-bending machine. P. S. Pickard. 2,350,530; June 6.
Plate bracket unit, Builder's safety. E. A. Walstrom. 2,365,501; Dec. 19.
Plate, Building. A. Schumann. 2,356,625; Aug. 22.
Plate clamp. R. S. Waldrup. 2,360,601-2; Oct. 17.
Plate clamp for printing cylinders. C. S. Crafts. 2,356,305; Aug. 22.
Plate, Clutch. I. Saks. 2,339,430; Jan. 18.
Plate clutch. G. E. Stanley. 2,353,793; July 18.
Plate cylinder clamping means for cylinder printing presses. A. J. Carpenter, Jr. 2,350,585; June 6.
Plate finishing and cooling machine. H. A. W. Wood, P. Tollison, C. L. Ricards, and J. A. Isbell. 2,364,032; Nov. 28.
Plate for blast furnace inwalls and mantles, Cooling. A. L. Foell. 2,345,188; Mar. 28.
Plate for secondary or storage batteries. E. Graf. 2,350,752; June 6.
Plate for storage batteries and producing the same. C. D. Galloway. 2,343,970; Mar. 14.
Plate frame, Spar deck portable. J. W. Yellen. 2,352,674; July 4.
Plate glass in storage, Protecting. D. L. Wright. 2,340,018; Feb. 8.
Plate hanger. C. Richards. 2,365,108; Dec. 12.
Plate holder. H. P. Dermond. 2,350,099; May 30.
Plate, Planographic. W. T. Hagelin. 2,344,510; Mar. 21.
Plate polishing machine. L. Ilmer and V. R. Pallas. 2,338,644; Jan. 4.
Plate printing machine, Intaglio. V. Larocca. 2,353,048; July 4.
Plate rectifier. C. A. Kotterman. 2,352,640; July 4.
Plate, Scuff. J. S. Reid. 2,348,648; May 9.
Plate, Sine. R. Niemi. 2,364,546; Dec. 5.
Plate, Spot-test. R. P. Cargille. 2,363,773; Nov. 28.
Plate whirler. F. T. Powers. 2,356,946; Aug. 29.
Plated articles, Making. J. Dupuis. 2,351,940; June 20.
Platen carriage of typewriting machines. C. W. Brumhill. 2,360,196; Oct. 10.
Platen control device. P. E. Flowers. 2,346,214; Apr. 11.
Platen for materials testing machines, Compression. R. L. Templin. 2,346,281; Apr. 11.
Platen for rolling apparatus. A. W. Doderer. 2,345,467; Mar. 28.
Platen hand wheel. G. Sim. 2,353,597; July 11.
Platen press. H. T. Tornberg. 2,346,519; Apr. 11.
Platen press for the working of blanks such as cardboard blanks. H. Bobst and J. Kury. 2,353,215; July 11.
Platen printing press. L. R. Johnson. 2,357,116; Aug. 29.
Platen rolls, Making. J. Q. Sherman and A. W. Metzner. 2,353,194; July 11.
Platform, Annealing. O. S. Sleurin. 2,366,065; Dec. 26.
Platform, Crane. B. Ulinski. 2,364,493; Dec. 5.
Platform for lifting trucks, Portable. D. H. Crosser. 2,359,406; Oct. 3.
Platform or load suspension. A. L. Medenwald. 2,357,443; Sept. 5.
Platform sole structure for footwear. J. Meltzer. 2,342,882; Feb. 29.
Plating rack. M. S. Schneider. 2,364,822; Dec. 12.
Plating using electrolytic nickel anodes, Nickel. W. L. Pinner. 2,356,995; Sept. 26.
Platinum-nickel alloy. M. B. Vilensky. 2,361,578; Oct. 31.
Play pen. K. B. Eaton. 2,341,366; Feb. 8.
Playing balls, Manufacturing. R. F. Smith. 2,343,160; Feb. 29.
Playing card and making the same. F. J. Sowa. 2,341,884; Feb. 15.
Plier type wrench. J. Hahn. 2,358,858; Sept. 26.
Plier wrench. C. D. Daniels. 2,361,607; Oct. 31.
Pliers. J. A. Dorman. 2,341,533; Feb. 15.
Pliers. T. L. McPherson. 2,359,527; Oct. 3.
Plotting instrument. C. F. Golden. 2,366,019; Dec. 26.
Plotting instrument. A. J. Kramer. 2,351,769; June 20.
Plotting instrument. L. Maness. 2,356,525; Aug. 22.
Plotting machine. R. M. MacLeod. 2,364,153; Dec. 5.
Plow. H. E. Altgelt. 2,359,600; Oct. 3.
Plow. E. P. Janke. 2,364,367; Dec. 5.
Plow. C. G. Strandlund. 2,339,225; Jan. 11.
Plow. C. G. Strandlund. 2,340,495; Feb. 1.
Plow. R. J. Wray. 2,364,887; Dec. 12.
Plow. A. E. Young. 2,340,165; Jan. 25.
Plow attachment for tractors. F. P. Noffsinger. 2,358,964; Sept. 26.
Plow bottom. H. N. Baker. 2,347,167; Apr. 25.
Plow, Direct coupled two-way. G. R. Ego. 2,339,468; Jan. 18.
Plow of the sweep type. G. W. Lee. 2,350,049; May 30.
Plow, Tractor. W. L. Zink and B. T. Aasland. 2,339,830; Jan. 25.
Plow, Two-way. W. H. Silver. 2,363,901; Nov. 28.
Plowing device. O. Storz. 2,364,878; Dec. 12.

Plug: *See*—

Attachment plug.
Bridging plug.
Connection plug.
Connector plug.
Detachable plug.
Drain plug.
Electrical connector plug.
Gas or fluid-tight plug.
Magnetic drain plug.
Magnetic plug.
Magnetic spark plug.
Removable fuse plug.
Silent screwless valve plug.
Spark plug.
Sparking plug.
Ventilated radio-shielded spark plug.
Well plug.

Plug. P. E. Byron. 2,360,395; Oct. 17.
Plug and receptacle, Electric. H. M. Deysher. 2,356,752; Aug. 29.
Plug cutting tool. R. J. Kent. 2,351,435; June 13.
Plug for batteries, Nonspill vent. G. W. Younkman. 2,351,177; June 13.
Plug gauge. G. E. Durgin. 2,362,808; Nov. 14.
Plug gauge wear testing device, Cylindrical. G. Hohwart. 2,362,554; Nov. 14.
Plug-in socket device. W. A. Daenz. 2,352,618; July 4.
Plug-in transformer. F. P. Kenyon. 2,343,675; Mar. 7.
Plug-retaining device, Attachment. R. S. O'Brien. 2,365,101; Dec. 12.
Plug valve. R. Clade. 2,341,692; Feb. 15.
Plug valve. W. G. Wilson. 2,341,255; Feb. 8.
Plugs in applicators, Method of and apparatus for assembling. J. R. McLaughlin. 2,361,783; Oct. 31.
Plumb bob support. W. E. Maxey. 2,343,688; Mar. 7.
Plumber's fishing tool. L. Galen. 2,341,435; Feb. 8.
Plumbing fixture. J. S. Judell. 2,344,150; Mar. 14.
Plumbing fixture. J. D. Langdon. 2,361,694; Oct. 31.
Plumbing system. W. C. Groeniger. 2,340,323; Feb. 1.
Plunger construction, Snap switch. A. L. Riche and B. J. Rush. 2,358,658; Sept. 19.
Plunger guide unit. R. G. Le Tourneau. 2,342,946; Feb. 29.
Plunger pad for container closing machines. J. A. Woerz. 2,350,438; June 6.
Plunger, Pump. C. A. Fischer, D. T. Harbison, and C. A. Mercer. 2,344,687; Mar. 21.
Plural parking space meter. L. F. Fink. 2,359,754; Oct. 10.
Plywood. A. J. Stamm and R. M. Seborg. 2,354,090; July 18.
Plywood panels, Making. M. Pasquier. 2,344,722; Mar. 21.
Plywood structure. F. M. Weir and P. M. Dolan. 2,348,703; May 9.
Plywood structure. W. E. Wilson. 2,345,994; Apr. 4.
Plywood structure, Curved. N. A. De Vries. 2,365,334; Dec. 19.
Pneumatic body and fender hammer. F. H. Borm. 2,346,532; Apr. 11.
Pneumatic comparator gauge. C. B. Moore. 2,360,705; Oct. 17.
Pneumatic control device. F. D. Joesting. 2,350,615; June 6.
Pneumatic device for raising and conveying semisolids. G. Neidl. 2,347,213; Apr. 25.

Pneumatic dispatch system. F. J. Blome. 2,353,870; July 18.
Pneumatic motor. B. P. Pond. 2,358,186; Sept. 12.
Pneumatic or hydraulic vise. C. J. Lindegren. 2,345,401; Mar. 28.
Pneumatic shock absorbers, Preventing wabbling of vehicles provided with. B. and A. P. Boulogne. 2,338,895; Jan. 11.
Pneumatic thread holder. R. G. Turner. 2,354,284; July 25.
Pneumatic timing device. A. H. Haberstump. 2,349,548; May 23.
Pneumatic tire vehicle wheel. F. J. McNulty. 2,344,362; Mar. 14.
Pneumatic tool. R. O. Allen. 2,342,568; Feb. 22.
Pneumatic tool assembly. H. Grobe. 2,349,958; May 30.
Pneumatic tool lubricator. E. L. Finch. 2,352,826; July 4.
Pneumatically supported vehicles, Reducing the slanting to a side of. B. and A. P. Boulogne. 2,338,897; Jan. 11.
Poitroaryl-disulphimides, Manufacture of. E. Schirm. 2,348,226; May 9.
Pocket calculating device. A. M. Josepho. 2,348,299; May 9.
Pocket, Cigarette. A. T. Bard and A. J. Wenzel. 2,358,137; Sept. 12.
Pocket cigarette-making machine. M. Alland. 2,352,999; July 4.
Pocket, Detachable transfer. J. P. Durning. 2,344,709; Mar. 21.
Pocket for work garments, Pencil. O. E. Kratz. 2,360,813; Oct. 17.
Pocket guard. L. F. Sayles. 2,341,949; Feb. 15.
Pocketbook. H. J. Lyndes. 2,358,983; Sept. 26.
Pocketbook. H. J. Lyndes and M. R. Kies. 2,341,327; Feb. 8.
Pocketbook frame. K. Karish. 2,353,671; July 18.
Pocket spray device. S. L. Margolies. 2,345,853–4; Apr. 4.
Point for rock drills, Arc bit. P. B. Brown. 2,358,052; Sept. 12.
Pointer for pencil lead. N. Eastman. 2,359,093; Sept. 26.
Poison or fertilizer distributing machine. J. H. Singleton. 2,357,141; Aug. 29.
Poker chip rack. R. L. Loesch. 2,341,635; Feb. 15.
Polarimeter apparatus. W. F. Peck. 2,351,539; June 13.
Polarized light of predetermined vibratory condition, System for producing. H. Ulfers. 2,347,582; Apr. 25.
Polarized outlet section for electric wiring systems. J. H. O'Brien. 2,351,632; June 20.
Polarized relay. E. Dickten, Jr. 2,355,909; Aug. 15.
Polarized single-coil relay. O. Römer. 2,350,825; June 6.
Polarizing bodies, Making. L. Pollack. 2,346,784; Apr. 18.
Pole. R. E. Maxey. 2,358,343; Sept. 19.
Pole changer. J. Shaver. 2,338,208; Jan. 4.
Pole, Fishing. N. Comparelli. 2,349,077; May 16.
Pole, Fishing. H. C. Determan. 2,360,402; Oct. 17.
Pole incising mechanism. G. Charland. 2,351,401; June 13.
Pole, Vehicle or implement. W. L. Braley. 2,346,064; Apr. 4.
Polished rod clamp. K. N. Mills. 2,346,859; Apr. 18.
Polished rod pumper jack. T. T. Thigpen. 2,351,576; June 13.
Polishing and buffing machine. G. A. Carlson. Re. 22,539; Sept. 5.
Polishing and fogging inhibiting product. H. C. Weber. 2,353,978; July 18.
Polishing and the like, Liquid composition for. B. J. Oakes and D. K. Murray. 2,356,792; Aug. 29.
Polishing apparatus. G. L. Leithiser. 2,340,130; Jan. 25.
Polishing apparatus. J. Stuart, II. 2,349,207; May 16.
Polishing machine. H. R. Costley. 2,347,020; Apr. 18.
Polishing machine. R. Grunwald. 2,363,728; Nov. 28.
Polishing machine. G. E. Hulbert and H. S. Indge. 2,341,442; Feb. 8.
Polishing machine for "V" jewels. L. C. Blanchon. 2,351,095; June 13.
Pollen antigen and preparing it. G. E. Rockwell. 2,347,435; Apr. 25.
Polonium, Plating. J. H. Dillon. 2,339,545; Jan. 18.
Poly iodized derivatives of the hydroxy diphenyl carboxylic acids and preparing the same. M. Dohrn and P. Diedrich. 2,345,384; Mar. 28.
Polyamide. H. J. Richter. 2,342,370; Feb. 22.
Polyamide. K. Thinius. 2,338,469; Jan. 4.
Polyamide articles. W. Wehr. 2,350,851; June 6.
Polyamide-aldehyde condensation product and its production. W. Gundel. 2,338,637; Jan. 4.
Polyamide fabrics, Finishing of. E. B. Benger. 2,365,931; Dec. 26.
Polyamide filaments, Producing synthetic linear. W. E. Catlin. 2,341,423; Feb. 8.
Polyamide structures, Manufacture of. O. E. Dwyer. 2,340,652; Feb. 1.
Polyamides. E. A. Robinson and M. J. Kelley. 2,345,632; Apr. 4.
Polyamides and cellulose, Mutual precipitation of. K. Thinius. 2,347,525; Apr. 25.
Polyamides, Blended. M. W. Brubaker, D. D. Coffman, and F. C. McGrew. 2,339,237; Jan. 18.
Polyamides, Heat-oxygen treated. C. S. Fuller. 2,364,204; Dec. 5.
Polyamides, Making. G. B. Taylor. 2,361,717; Oct. 31.
Polyamides, Materials from high molecular. P. Schlack. 2,342,823; Feb. 29.
Polyamides, Treatment for. A. G. Edison and W. W. Heckert. 2,343,174; Feb. 29.
Polyamides, Treatment of. W. E. Peterson. 2,348,751; May 16.
Polyamine, Subresinous acylated. M. De Groote and B. Keiser. 2,364,779; Dec. 12.
Polyaryl selenazoles, Preparing. E. B. Middleton and G. A. Dawson. 2,339,094; Jan. 11.
Poly-β-cyanoethyl indene as an insecticide. H. A. Bruson. 2,365,936; Dec. 26.
Polycarboxylic acid salts in lube oil compounding. B. B. Farrington, J. O. Clayton and D. H. Etzler. 2,349,817; May 30.
Polycarboxylic acids and anhydrides derived from polymers of acyclic terpenes and their production. A. L. Rummelsburg. 2,347,970; May 2.
Polychlorophenols in fiberboard, Incorporating. H. L. Morrill and J. D. Fleming. 2,365,833; Dec. 26.
Polychloroprenes, Reclaiming waste. W. G. Kirby and L. E. Steinle. 2,363,873; Nov. 28.
Polyesters. C. J. Froech. 2,363,581; Nov. 28.
Polyethyl benzene, Dealkylation of. W. J. Mattox. 2,360,814; Oct. 17.
Polyglycol ethers of higher secondary, monohydric alcohols. F. Schlegel. 2,355,823; Aug. 15.
Polychloroprenes, Reclaiming waste. W. G. Kirby and P. M. Elliott. 2,343,558; Mar. 7.
Poly-disperse system. J. D. Robinson and F. J. Myers. 2,346,083; Apr. 4.
Polyenals, Producing higher. C. Grundmann. 2,345,111; Mar. 28.
Polyhydric alcohol esters. R. H. Barth and H. Burrell. 2,356,745; Aug. 29.
Polyhydric alcohol ethers of aliphatic polycarboxylic acid esters and their preparation. E. R. Meincke. 2,341,846; Feb. 15.
Polymer, Production of. W. R. Peterson. 2,364,387; Dec. 5.
Polymer substances, Treatment of. L. B. Turner. 2,345,717; Apr. 4.
Polymeric acetals and forming same. J. Dahle. 2,360,477; Oct. 17.
Polymeric compositions. O. E. Schupp, Jr. 2,359,877–8; Oct. 10.
Polymeric compositions comprising aminated polymerizates of poly-vinyl aryl compounds and treatment of liquid media therewith, Production of synthetic. G. F. D'Alelio. 2,366,008; Dec. 26.
Polymeric compositions comprising sulphonated polymerizates of poly-vinyl aryl compounds and treatment of liquid media therewith, Production of synthetic. G. F. D'Alelio. 2,366,007; Dec. 26.
Polymeric dihalo-ethylene compound. M. W. Renoll. 2,362,094; Nov. 7.
Polymeric materials, Producing. E. L. Kropa. 2,356,767; Aug. 29.
Polymeric n-vinylimides and products therefrom, Solvolysis of. W. E. Hanford and H. B. Stevenson. 2,365,340; Dec. 19.
Polymeric sulphides, Preparation of. D. D. Coffman. 2,347,182; Apr. 25.
Polymeric vinyl materials with an improved resistance to water, Production of. J. R. Lewis, L. B. Morgan, and J. T. Watts. 2,364,227; Dec. 5.
Polymeric vinylidene chloride composition. E. C. Britton and F. L. Taylor. 2,351,102; June 13.
Polymerization. L. A. Bannon. 2,357,926; Sept. 12.
Polymerization in metal molds. R. D. Freeman. 2,348,677; May 9.
Polymerization of cyclopentadiene type compounds. S. G. Trepp. 2,356,494; Aug. 22.
Polymerization of ethylenic materials. W. E. Hanford. 2,351,120; June 13.
Polymerization of synthetic resin impregnated fabrics. W. F. Scholze, Jr. 2,345,541; Mar. 28.
Polymerization of vinyl aromatic compounds. E. C. Britton and W. J. Le Fevre. 2,349,136; May 16.
Polymerization of vinyl compounds. C. H. Alexander and F. K. Schoenfeld. 2,365,506; Dec. 19.
Polymerization or polycondensation product and producing the same. O. Moldenhauer and H. Bock. 2,349,979; May 30.
Polymerization process. J. H. Percy and J. Ross. 2,341,239; Feb. 8.
Polymerization process. J. A. Reid. 2,355,925; Aug. 15.
Polymerization products from ethylene, Production of. H. Hopff and C. W. Rautenstrauch. 2,342,400; Feb. 22.
Polymerized dienes, Recovering. J. H. Wells and P. J. Wilson. 2,362,227; Nov. 7.
Polymerizing unsaturated hydrocarbons. R. E. Burk. 2,345,574; Apr. 4.
Polymerizing vinyl chlorid. A. W. Downes. 2,345,659; Apr. 4.
Polymerizing vinyl compounds. A. W. Downes and J. R. Kernan. 2,345,660; Apr. 4.

Polymers and producing the same, Acrylate. M. A. Pollack. 2,361,055; Oct. 24.
Polymers of alkyl glycosides and preparing the same. R. S. Schreiber and J. H. Werntz. 2,355,245; Aug. 8.
Polymers of divinyl benzene, Preparation of heat-convertible, soluble, fusible. G. F. D'Alelio. 2,363,836; Nov. 28.
Polymers of high molecular weight, Preparing. M. D. Mann, Jr., and L. B. Turner. 2,360,632; Oct. 17.
Polymers, Production and/or treatment of. H. Dreyfus. 2,345,700; Apr. 4.
Polymethine dye intermediates. L. G. S. Brooker and F. L. White. 2,341,357; Feb. 8.
Polyphase meter. R. M. Leippe. 2,359,129; Sept. 26.
Polyphenylol alkane resins. J. W. Eastes. 2,356,151; Aug. 22.
Polystyrene composition. R. F. Hayes. 2,347,103; Apr. 18.
Polysulphide copolymer. J. C. Patrick. 2,363,614–15; Nov. 28.
Polythenes, Halogenated. D. Whittaker. 2,364,410; Dec. 5.
Polyvinyl acetal resin composition. J. K. Craver. 2,339,056; Jan. 11.
Polyvinyl acetals, Water-soluble. D. R. Swan. 2,358,836; Sept. 26.
Polyvinyl alcohol composition. C. Dangelmajer. 2,340,866; Feb. 8.
Polyvinyl alcohol composition. J. D. Quist. 2,362,026; Nov. 7.
Polyvinyl butyral, Curing. Le V. E. Cheyney. 2,340,259; Jan. 25.
Polyvinyl cyanoethyl ether. R. C. Houtz. 2,341,553; Feb. 15.
Polyvinyl halide-acetate copolymer fibers and fabrics, Dyeing of. R. H. Klenle and F. E. Petke. 2,359,735; Oct. 10.
Polyvinyl ketals and their preparation. C. L. Agre, G. L. Dorough, and W. E. Hanford. 2,341,306; Feb. 8.
Pontoon boat. A. J. Higgins. 2,339,014; Jan. 11.
Popcorn machine. W. E. Hamilton. 2,357,820; Sept. 12.
Popgun. C. F. Lefever. 2,351,823; June 20.
Popgun. C. F. Lefever. 2,355,809; Aug. 15.
Popper valve. R. C. Pierson. 2,364,812; Dec. 12.
Porosity, Determining. W. L. Horner. 2,345,535; Mar. 28.
Porous abrasive article. H. R. Houchins. 2,348,474; May 9.
Porous compressible materials, Method of and apparatus for determining physical properties of. K. L. Hertel. 2,352,836; July 4.
Porous materials, Apparatus for and method of determining physical properties of. K. L. Hertel. 2,352,835; July 4.
Porous products, Fabricating. M. A. Powers. 2,365,902; Dec. 26.
Porous refractory. C. J. Kinzie and E. Wainer. 2,341,561; Feb. 15.
Porous resilient printing plate. R. G. Chollar. 2,349,613; May 23.
Porous wood, Mechanical filling of. E. A. Lehman. 2,345,941; Apr. 4.
Portable article. C. R. Morris. 2,350,799; June 6.
Portable article carrier. P. Florin. 2,359,100; Sept. 26.
Portable building unit. S. P. Lichtor. 2,361,899; Oct. 31.
Portable car heater. P. A. Anderson. 2,350,860; June 6.
Portable concrete cover. N. Cupido. 2,346,361; Apr. 11.
Portable container. F. J. O'Brien. 2,365,099; Dec. 12.
Portable container. D. E. Spaulding. 2,362,852; Nov. 14.
Portable cutting tool. F. A. Jimerson and H. C. Reynolds. 2,342,052; Feb. 15.
Portable drill. H. W. Thornburg. 2,340,351; Feb. 1.
Portable drilling rigs, Shoring for. E. L. Alexander and A. W. Braithwaite. 2,344,383; Mar. 14.
Portable electric tool. W. K. Beckwith. 2,349,401; May 23.
Portable electric welding tool. S. F. Sworski. 2,365,784; Dec. 26.
Portable fuel dispenser. F. E. Neef, Jr., 2,339,287; Jan. 18.
Portable grain storage tank. W. F. Thorne. 2,357,705; Sept. 5.
Portable grinding machine. E. A. Hall and R. S. Beverlin. 2,338,763; Jan. 11.
Portable hand-held electric tool. W. G. Mitchell. 2,350,631; June 6.
Portable hand-operated pump. A. J. Grocott. 2,347,100; Apr. 18.
Portable hot line carrier current coupling device. J. F. Atkinson. 2,341,519; Feb. 15.
Portable industrial skid. F. Garbarino. 2,347,095; Apr. 18.
Portable irrigation pipe joint. G. F. Hauf and E. Pretorius. 2,339,332; Jan. 18.
Portable lamp. R. I. Johns. 2,350,462; June 6.
Portable machine for bending large diameter pipe. J. D. Cummings. 2,347,593; Apr. 25.
Portable motor driven device. J. Youhouse. 2,342,319; Feb. 22.
Portable percussive tool. C. E. Gossling. 2,341,438; Feb. 8.
Portable picture screen stand. J. T. Heck. 2,355,799; Aug. 15.
Portable powder driven tool. W. M. Emery. 2,338,807; Jan. 11.
Portable pump unit. C. S. Thicke. 2,355,035; Aug. 1.
Portable recess cutter. R. B. Ogren. 2,348,406; May 9.
Portable sectional building. J. F. Everitt. 2,358,388; Sept. 19.
Portable support. E. H. Hurley. 2,350,113; May 30.
Portable support for electric hand drills. A. W. A. Wiesner. 2,341,969; Feb. 15.
Portable tool. L. G. Speth. 2,362,943; Nov. 14.
Portable tool. P. Van Sittert. 2,343,595; Mar. 7.
Portable tool. W. W. Wert. 2,365,232; Dec. 19.
Portable trackage system. A. Kurnit. 2,345,706; Apr. 4.
Portable veneer press. V. Bendix. 2,363,933; Nov. 28.
Port liners, Installing valve. E. A. Ryder. 2,340,566; Feb. 1.
Portfolio display binder. S. G. Johnson. 2,340,222; Jan. 25.
Porthole cover assembly. A. Englert. 2,360,554; Oct. 17.
Position-indicating mechanism. M. Jones. 2,354,917; Aug. 1.
Position indicating system, Automatic. F. L. Moseley. 2,361,956; Nov. 7.
Position indicator. N. E. Dickinson. 2,361,462; Oct. 31.
Position retainer for hats. L. Hofeld. 2,330,077; Jan. 11.
Positioner and manipulator, Welding. J. P. Faber. 2,348,062; May 2.
Positioning index for turret machines. H. M. Buzza. 2,352,165; June 27.
Positioning means. H. L. Pierson. 2,345,830; Apr. 4.
Positioning objects. A. H. Grover. 2,355,643; Aug. 15.
Positive cross-feed stop assembly attachment for turning lathes. J. H. Jacobs. 2,362,275; Nov. 7.
Positive displacement pump. L. E. Harper. 2,346,964; Apr. 18.
Positive printing in color photography. E. B. and E. L. V. Hesser. 2,338,849; Jan. 11.
Positives, Producing dropout halftone. A. L. Huttkay. 2,339,481; Jan. 18.
Post binder. C. C. Wall. 2,348,430; May 9.
Post, Binding. J. C. Dawson, Jr. 2,362,118; Nov. 7.
Post card and return envelope, Double. G. J. Mess. 2,362,496; Nov. 14.
Post driver, Fence. C. E. and L. L. Jordan. 2,348,820; May 16.
Post, Fence. E. C. Barnes. 2,364,419; Dec. 5.
Post frame structure. F. Kautz. 2,360,688; Oct. 17.
Post or standard construction and mounting. W. A. Hillenbrand. 2,357,588; Sept. 5.
Post puller and the like. F. Kuzela. 2,341,106; Feb. 8.
Post socket latch. G. W. Pancoe. 2,363,436; Nov. 21.
Post, Tool. P. Lustrik. 2,365,572; Dec. 19.
Post, Tool. J. Wilson. 2,366,079; Dec. 26.
Poster, Advertising. F. H. Rasmussen. 2,353,359; July 11.
Posting and check register. R. L. Smith. 2,349,384; May 23.
Posture chair. R. A. Cramer. 2,356,507; Aug. 22.
Posture chair. R. A., R. A., Jr., and F. W. Cramer. 2,342,921; Feb. 29.
Posture chair. F. B. Harman. 2,338,511; Jan. 4.
Pot, Coffee. M. H. Graham. 2,356,784; Aug. 29.
Pot, Coffee or tea. W. M. Makino. 2,338,251; Jan. 4.
Pot for glassware manufacture, Revolving. A. G. Lauck. 2,344,464; Mar. 14.
Pot, Quench. O. C. Trautman and W. H. Wood. 2,348,232; May 9.
Pot type burner. J. L. Breese. 2,350,872; June 6.
Pot type burner and delivery of secondary air. J. Breese. 2,353,438; July 11.
Pot with supplemental pilot chamber. J. L. Breese and B. Hayter. 2,346,817; Apr. 18.
Potassium hydroxide of high purity, Producing. E. T. Ladd. 2,363,066; Nov. 21.
Potential indicator. A. G. Mahurin. 2,363,799; Nov. 28.
Pothead or terminal for electric cable systems. C. E. Bennett. 2,354,191; July 25.
Potato and bean planter. T. White. 2,340,240; Jan. 25.
Potato chips, Packaging. R. W. Wheeler. 2,348,509; May 9.
Potato harvesting machine. R. S. Hertzler and O. K. Umble. 2,365,077; Dec. 12.
Potato planter. F. H. Bateman. 2,341,352; Feb. 8.
Potato planter. C. L. Cook. 2,342,122; Feb. 22.
Potato seed cutter. W. Burns. 2,338,966; Jan. 11.
Pottery appendages, Method and apparatus for manufacturing. W. J. Miller. 2,361,311; Oct. 24.
Pottery molds, Apparatus and method for charging. W. J. Miller and A. J. Reek. 2,354,170; July 18.
Potteryware, Method and apparatus for appendaging. W. J. Miller and A. J. Reek. 2,349,292; May 23.
Pouch, Cartridge. R. M. Perry. 2,346,185; Apr. 11.
Pouch, Money. M. Sophier. 2,359,012; Sept. 26.
Poultry, Covering for heads of dressed. C. H. Koonz and J. D. Ingle. 2,342,350; Feb. 22.
Poultry, Dewaxing. S. S. Barker. 2,358,043; Sept. 12.
Poultry dipping system. H. Molod. 2,339,505; Jan. 18.
Poultry dressing device. C. Williamson. 2,350,656; June 6.
Poultry feeder. A. O. Calhoon. 2,361,598; Oct. 31.
Poultry feeder. J. W. Hartman. 2,354,751; Aug. 1.

Poultry feeder. L. T. Ivey. 2,350,461; June 6.
Poultry feeder. E. J. Kravick. 2,347,418; Apr. 25.
Poultry feeder. F. W. Radford. 2,354,612; July 25.
Pouncing hats, Method of and apparatus for. P. Schultze. 2,344,419; Mar. 14.
Pour cap for bottles. G. Darnell. 2,348,527; May 9.
Powder box. B. Densen. 2,362,055; Nov. 7.
Powder box. M. Johnson. 2,342,200; Feb. 22.
Powder container for dispensing insecticide on dogs and similar animals. C. Tramill. 2,342,066; Feb. 15.
Powder dispenser. J. R. Valentine. 2,358,953; Sept. 26.
Powder dispensing device, Toilet. D. Topjian. 2,353,772; July 18.
Powder, Foam generator. C. B. White. 2,355,935; Aug. 15.
Powder, Metal. J. Wulff. 2,354,727; Aug. 1.
Powder metallurgy. G. D. Cremer. 2,355,954; Aug. 15.
Powder metallurgy. W. W. De Lamatter and P. H. Hume. 2,363,575; Nov. 28.
Powder, Propellant. E. S. Goodyear. 2,346,125; Apr. 11.
Powder puffs, Producing. A. E. Vaughn. 2,365,920; Dec. 26.
Powder puffs, Producing. A. E. Vaughn. 2,365,922; Dec. 26.
Powder, Smokeless. E. R. Allison. 2,357,989; Sept. 12.
Powder, Smokeless. B. H. Mackey and P. R. Millus. 2,349,048; May 16.
Powdered fuel burner. F. E. Millett. 2,361,117; Oct. 24.
Powdered material press and control. J. B. Cutler. 2,338,491; Jan. 4.
Powdered metal articles. C. R. Talmage. 2,360,528; Oct. 17.
Powdered soap mixture and its preparation, Free-flowing. G. M. O'Neal. 2,350,521; June 6.
Powders from plastic materials, Preparation. R. E. Smith. 2,356,896; Aug. 29.
Powders, Metal. J. Wulff. 2,359,401; Oct. 3.
Power actuated machinery, Control of. H. H. Brownlee. Re. 22,527; Aug. 15.
Power actuated spider and slips. H. V. Steadman. 2,351,887; June 20.
Power and control for articulated beds. C. Drexler and R. H. Morgan. 2,344,397; Mar. 14.
Power and fluid agent therefor, Transmitting. P. L. Magill. 2,342,414; Feb. 22.
Power and motion transmission system. H. F. Liebrecht. 2,355,000; Aug. 1.
Power and speed transmission for motor vehicles. R. Lang and F. Koch. 2,352,212; June 27.
Power apparatus for aligning work. M. L. Solomon. 2,365,151; Dec. 19.
Power apparatus for positioning gun turrets. L. A. Trotmov. 2,365,982; Dec. 26.
Power assisted steering gear. A. D. Robbins. 2,362,930; Nov. 14.
Power belt construction. C. M. Conradson. 2,343,367; Mar. 7.
Power brake. G. E. Porter. 2,360,578; Oct. 17.
Power brake. E. R. Price. 2,353,755; July 18.
Power control. F. B. Edgar. 2,346,565; Apr. 11.
Power control apparatus. R. T. Pollock and O. C. W. Hense. 2,364,654; Dec. 12.
Power control for punch presses and the like. C. M. Eason. 2,340,416; Feb. 1.
Power control unit. R. B. Magee. 2,343,465; Mar. 7.
Power display device. J. Marsk. 2,346,225; Apr. 11.
Power distribution system. R. N. Rowe. 2,359,247; Sept. 26.
Power drive mounting apparatus. J. C. McCune and G. K. Newell. 2,363,604; Nov. 28.
Power drive reeler. A. E. Goodwin. 2,361,192; Oct. 24.
Power drive, Reversible. L. A. Graham. 2,344,352; Mar. 14.
Power-driven tool. G. C. Robinson. 2,347,125; Apr. 18.
Power driven transport and towing vehicle. J. G. Heaslet. 2,339,334; Jan. 18.
Power element. J. J. Rothwell and W. W. Wood. 2,354,032; Sept. 12.
Power engine plant. M. Martinka. 2,341,638; Feb. 15.
Power generator. H. V. Hoskins. 2,359,108; Sept. 26.
Power generating device. L. A. Barnett. 2,346,643; Apr. 18.
Power hoisting device for tractor tools. H. A. Scott and E. W. Carlson. 2,344,271; Mar. 14.
Power lift. T. Brown and F. T. Court. 2,344,123; Mar. 14.
Power lift. C. R. Raney and A. E. W. Johnson. 2,361,122; Oct. 24.
Power lift and depth control. C. G Strandlund. 2,357,916; Sept. 12.
Power lifting arrangement. C. W. Mott. 2,362,578; Nov. 14.
Power measuring system for rotating shafts. B. F. Langer. 2,365,565; Dec. 19.
Power meter. W. Angst. 2,345,444; Mar. 28.
Power meter. W. Angst. 2,365,443; Dec. 19.
Power operated machine tool. R. R. Roemer. 2,343,243; Mar. 7.
Power operated machine tool. R. R. Roemer. 2,364,475; Dec. 5.
Power-operated mitering and beveling tool. H. F. Penney. 2,356,610; Aug. 22.
Power-operated valve. A. J. Trott. 2,352,140; June 20.
Power operated window regulator. E. L. Ackerman and A. V. Crump. 2,364,181; Dec. 5.
Power operated window regulator. J. W. Lakin. 2,361,037; Oct. 24.
Power operator. J. Youhouse. 2,339,829; Jan. 25.
Power plant. L. Birkigt. 2,348,518; May 9.
Power plant. F. M. Joseph. 2,352,550; June 27.
Power plant. H. C. E. Meyer and L. M. Rakestraw. 2,346,179; Apr. 11.
Power plant. R. L. Woolley. 2,357,041; Aug. 29.
Power plant and cowling assembly means, Airplane. F. H. Rohr. 2,349,004; May 16.
Power plant assembly. A. R. Perkins. 2,349,196; May 16.
Power plant, Dually pivoted wind driven. J. R. Albers. 2,363,827; Nov. 28.
Power plant, Marine waves. H. Kapolkin. 2,364,535; Dec. 5.
Power plant synchronization. R. T. Zwack. 2,356,115; Aug. 15.
Power plant, Thermal. F. Salsmann. 2,345,950; Apr. 4.
Power plants, Method and apparatus for indicating the fuel rate and efficiency of. C. P. Xenis and W. Perine. 2,342,567; Feb. 22.
Power press. R. A. Horne. 2,356,790; Aug. 29.
Power press. T. F. Stacy. 2,349,916; May 30.
Power saw. W. H. Deacon. 2,348,612; May 9.
Power saw. R. Dushane. 2,342,459; Feb. 22.
Power saw setting apparatus. B. G. Daggett. 2,356,448; Aug. 22.
Power set flowmeter. C. B. Moore. 2,341,736; Feb. 15.
Power shovel. W. M. Huston. 2,339,700; Jan. 18.
Power shovel unit. J. H. Gentry. 2,363,860; Nov. 28.
Power supply circuit. M. Cawein. 2,361,745; Oct. 31.
Power supply for electron microscopes. A. W. Vance. 2,355,191; Aug. 8.
Power supply for radio receivers, Vibrator. E. F. Andrews. 2,353,429; July 11.
Power supply system. H. T. Langabeer. 2,339,490; Jan. 18.
Power supply system. H. H. Seiffert. 2,340,621; Feb. 1.
Power take-off. H. W. Cardwell. 2,355,272; Aug. 8.
Power take-off clutch. R. L. Browniee. 2,344,592; Mar. 21.
Power take-off mechanism. H. R. Van Vleck. 2,351,646; June 20.
Power transmission. W. T. Dunn. 2,349,147; May 16.
Power transmission. L. W. Falk. 2,357,509; Sept. 5.
Power transmission. J. Gauld. 2,365,067; Dec. 12.
Power transmission. H. W. Gilfillan. 2,342,138; Feb. 22.
Power transmission. H. W. Gilfillan and H. L. Bailey. 2,343,291; Mar. 7.
Power transmission. F. T. Harrington and R. C. Griffith. 2,357,107; Aug. 29.
Power transmission. F. T. Harrington, R. C. Griffith and R. A. Shartle. 2,351,263; June 13.
Power transmission. F. T. Harrington, K. Seidel, and R. A. Shartle. 2,363,179; Nov. 21.
Power transmission. F. T. Harrington and J. Robinson. 2,351,264; June 13.
Power transmission. I. B. Horowitz. 2,359,267; Sept. 26.
Power transmission. O. K. Kelley. 2,353,905; July 18.
Power transmission. A. G. Loofbourrow. 2,342,949; Feb. 29.
Power transmission. V. E. Matulaitis. 2,349,185; May 16.
Power transmission. E. R. Maurer. 2,343,312; Mar. 7.
Power transmission. I. C. McKechnie. 2,353,840; July 18.
Power transmission. R. S. Miller and H. C. Zintz. 2,365,095; Dec. 12.
Power transmission. C. A. Neracher, W. T. Dunn, A. J. Syrovy, and O. W. Schotz. 2,342,960; Feb. 29.
Power transmission. C. A. Neracher, W. T. Dunn, A. J. Syrovy, and O. W. Schotz. 2,349,297; May 23.
Power transmission. H. C. Nye. 2,363,196; Nov. 21.
Power transmission. A. J. Porsklevics. 2,357,762; Sept. 5.
Power transmission. W. E. Rouse, J. Robinson, and J. D. Dietiker. 2,342,224; Feb. 22.
Power transmission. J. A. Richey and A. N. Buchanan. 2,359,156; Sept. 26.
Power transmission. W. P. Schmitter. 2,361,357; Oct. 24.
Power transmission. R. A. Shartle. 2,353,791; July 18.
Power transmission. A. J. Syrovy, W. T. Dunn and O. W. Schotz. 2,348,763; May 16.
Power transmission. R. L. Tweedale. 2,345,515; Mar. 28.
Power transmission. L. R. Twyman, J. R. Moser, and H. E. Rose. 2,347,301-2; Apr. 25.
Power transmission. A. L. Vaughn. 2,351,242; June 13.
Power transmission. H. F. Vickers and R. C. Griffith. 2,365,126; Dec. 12.
Power transmission. E. F. Webb. 2,342,712; Feb. 29.
Power transmission. H. L. Wise. 2,358,366; Aug. 22.
Power transmission belt. H. C. Schaper. 2,346,520; Apr. 11.
Power transmission device. H. W. Driehaus. 2,351,746; June 20.
Power transmission device. H. D. Geyer and R. E. Moule. 2,365,544; Dec. 19.

Power transmission device. W. W. Sloane. 2,340,571; Feb. 1.
Power transmission means. S. H. Brooks. Re. 22,555; Oct. 24.
Power transmitting means. Z. Littman. 2,362,910; Nov. 14.
Power transmission means. J. R. Orelind. 2,349,880; May 30.
Power-transmission means for motor vehicles. L. A. Koevort. 2,355,306; Aug. 8.
Power transmission mechanism. D. I. Brown. 2,353,807; July 18.
Power transmission mechanism. H. A. Land and A. F. Bocksruker. 2,362,270; June 27.
Power transmission mechanism. H. A. Land and A. F. Bocksruker. 2,363,979; Nov. 28.
Power transmission mechanism. J. M. Lawson. Re. 22,545; Sept. 12.
Power transmission mechanism. C. D. Peterson and A. H. Diemel. 2,357,284; Sept. 5.
Power transmission mechanism, Fluid drive. H. J. Murray. 2,360,259; Oct. 10.
Power transmission mechanism, Selective fluid drive. H. J. Murray. 2,360,258; Oct. 10.
Power transmission system. W. U. Matson. 2,346,175; Apr. 11.
Power transmission unit. M. J. Morgan. 2,349,744; May 23.
Power transmission, Variable-speed. W. Edlich. 2,353,448; July 11.
Power transmitting mechanism. L. Jacobi. 2,342,105; Feb. 22.
Power truck. A. H. Gfrorer. 2,362,129; Nov. 7.
Power tube structure. C. V. Litton. 2,346,929; Apr. 18.
Power unit. J. G. Hawley. 2,351,040; June 13.
Power unit and mounting for frictionally driving bicycles. T. M. McDonald. 2,339,182; Jan. 11.
Power wrench. J. Aron and A. Lamm. 2,342,783; Feb. 29.
Pozzolanic materials and making same. M. Palmieri and A. J. Beck. 2,346,451; Apr. 11.
p,p'-Diaminobenzil. G. W. Anderson. 2,359,280; Oct. 3.
Precipitation and coagulation. F. D. Prager. 2,353,358; July 11.
Precipitation type oil cleaner. W. H. Manning. 2,357,483; Sept. 5.
Precision boring machine. W. J. S. Johnson. 2,341,383; Feb. 8.
Precision chuck. M. L. Benjamin and F. E. Winnen. 2,358,299; Sept. 19.
Precision instrument. E. C. Horton and A. Rappl. 2,350,040; May 30.
Precision locating tool. H. L. MacDonald. 2,341,107; Feb. 8.
Precision tap, Adjustable. J. Brussell. 2,360,472; Oct. 17.
Precoat filter. E. C. Ditzen. 2,348,885; May 16.
Predetermining system. P. F. K. Erbguth. 2,351,326; June 13.
Prefabricated structure for containers and the like. H. B. Lindsay. 2,364,083; Dec. 5.
Pregnendione from iso-pregnenolone and intermediates obtained thereby, Manufacture of. A. Butenandt. 2,341,594; Feb. 15.
Preheater. R. E. Frickey. 2,356,393; Aug. 22.
Preheating fuel oil. N. Dunn and V. L. Falotico. 2,360,408; Oct. 17.
Preloaded gear. C. B. Hale. 2,343,110; Feb. 29.
Preparation of acetals. D. J. Loder, W. F. Gresham, and D. B. Killian. 2,364,455; Dec. 5.
Preparation of aminotriazine-aldehyde condensation products. R. C. Swain and P. Adams. 2,343,230; Feb. 29.
Preparation of aryl ethers of trihydric alcohols. K. E. Marple and T. W. Evans. 2,351,025; June 13.
Preparation of β-alanine. P. M. Kirk and J. H. Paden. 2,364,538; Dec. 5.
Preparation of β-alanine amide by reduction of cyanoacetamide. G. H. Carlson. 2,354,909; Aug. 1.
Preparation of bivalent metal derivatives of weakly acidic organic compounds. J. F. Nelson. 2,342,887; Feb. 29.
Preparation of dehydrated precooked legumes. C. A. Krause, Jr. 2,343,149; Feb. 29.
Preparation of detergent mixtures. A. Treffler. 2,351,559; June 13.
Preparation of fresh fruit for market. L. W. Burwick, C. D. Cothran, and T. G. Cunning. 2,364,946; Dec. 12.
Preparation of mercaptans. M. S. Kharasch. 2,365,561; Dec. 19.
Preparation of monoalkylol cyanamide condensation products. R. F. Uncles and K. K. Kurtz. 2,349,061; May 16.
Preparation of 1-chloro-1-fluoro ethylene. M. W. Renoll. 2,344,061; Mar. 14.
Preparation of polyvinyl acetal resins. S. C. Overbaugh. 2,345,946; Apr. 4.
Preparation of reducing agents. J. F Walker. 2,347,446; Apr. 25.
Preparation of return material. C. E. Agney. 2,343,270; Mar. 7.
Preparation of sulphanilylaminoguanidines. H. E. Faith and P. S. Winnek. 2,357,181; Aug. 29.
Preparation of TiO_2. R. H. Monk. 2,353,918; July 18.
Preparation of tocopherol products. K. C. D. Hickman. 2,349,276; May 23.
Preparation of 2-chlor-meta-5-xylenol. G. W. Gladden. 2,350,677; June 6.
Preparing moldable material. G. Smith. 2,339,607; Jan. 18.
Preselector. T. Obszarny. 2,351,451; June 13.
Preselecting and tuning mechanism, Program. F. H. Owens. 2,353,186; July 11.
Preservation. C. H. Barr. 2,353,986; July 18.
Preservation of dried blood grouping serum. A. F. Coca. 2,357,253; Aug. 29.
Preservation of potatoes, fruit and vegetables. E. L. Nixon. 2,339,028; Jan. 11.
Preserving sausage casings, Method of and composition for use in. D. Topjian. 2,360,374; Oct. 17.
Press: *See*—
Auto body wrecking press.
Automatic drill press.
Baler press.
Baling press.
Blank-holder press.
Briquetting press.
Cable operated press.
Cheese press.
Continuous press.
Die spotting press.
Draw press.
Drawing press.
Drill press.
Electrically controlled hydraulic press.
Extruding press.
Floor press.
Glass press.
Hay press.
High speed forging press.
Hose actuated press.
Hydraulic double-action draw press.
Hydraulic press.
Laundry press.
Molding press.
Multiple punch press.
Necktie press.
Offset printing press.
Olive press.
Perfecting printing press.
Pipe hanger press.
Platen press.
Platen printing press.
Portable veneer press.
Power press.
Printing press.
Punch press.
Roller press.
Rotary cloth finishing press.
Rotary intaglio printing press.
Rotary printing press.
Screw press.
Sheet metal stretching press.
Sheet metal working press.
Shell drawing press.
Shoe press.
Sleeve press.
Toggle press.
Transfer molding press.
Veneering press.
Vulcanizing press.
Press. R. W. Allen. 2,354,447; July 25.
Press. H. N. Atwood. 2,364,597; Dec. 12.
Press. J. W. Brundage. 2,343,881; Mar. 14.
Press. W. J. Carter. 2,355,420; Aug. 8.
Press. N. Geertsen. 2,346,673; Apr. 18.
Press. A. H. Grover. 2,354,291; July 25.
Press. H. F. MacMillin and J. A. Muller. 2,354,034; July 18.
Press. G. Maurer. 2,340,607; Feb. 1.
Press. E. T. Meakin. 2,340,009; Jan. 25.
Press. E. J. Paque. 2,338,352; Jan. 4.
Press. R. T. Pollock. 2,359,674; Oct. 3.
Press. F. E. Stratton. 2,355,119; Aug. 8.
Press and die arrangement for same, Trimming. U. D. Foster. 2,363,407; Nov. 21.
Press and stripping tires from molds, Tire vulcanizing. O. J. Kuhlke. 2,340,191; Jan. 25.
Press and the like. V. W. Peterson and O. J. Maha. 2,348,439; May 9.
Press attachment. A. C. Boettcher. 2,356,300; Aug. 22.
Press control, Hydraulic. W. J. Snyder. 2,346,141; Apr. 11.
Press for making workpieces tapering in longitudinal direction. W. Manken and O. Uhlmann. 2,365,482; Dec. 19.
Press for molding plastic material. G. W. Wacker. 2,355,613; Aug. 15.
Press frame construction. W. Ernst, I. B. Lawyer and B. D. Ashbaugh. 2,349,082; May 16.
Press leveling means. D. E. Bench. 2,343,167; Feb. 29.
Press locking system, Election seal. R. O. Young. 2,339,367; Jan. 18.
Press roll drive. L. Hornbostel. 2,348,345; May 9.
Press structure. W. Ernst. 2,357,507; Sept. 5.
Press structures, Making. J. A. Muller. 2,348,403; May 9.
Presser mechanism for sewing machines. H. Ritter. 2,344,414; Mar. 14.
Presser foot control, Leather stitcher. E. G. Wolf. 2,356,293; Aug. 22.
Presser foot for sewing machines. C. A. Kessler. 2,366,113; Dec. 26.
Presserfoot for sewing machine. S. Zonis. 2,343,609; Mar. 7.
Presser foot lock for shoe sewing machines. C. W. Baker. 2,348,775; May 16.
Presser head for egg opening machines. L. M. Sigler. 2,356,707; Aug. 22.
Pressing and steaming iron, Combination. L. V. Lucia. 2,344,098; Mar. 14.
Pressing apparatus. B. J. Babbitt and C. C. McCain. 2,357,867; Sept. 12.
Pressing iron. A. T. Smith. 2,362,591; Nov. 14.
Pressing machine. R. H. Reece and A. G. Gilbert. 2,348,264; May 9.
Pressing machine mechanism and locking means. E. Davis. 2,350,153; May 30.
Pressure actuated tool. R. H. Garbe. 2,346,297; Apr. 11.
Pressure actuated tube valve. H. N. Rider. 2,340,144; Jan. 25.

Pressure actuated valve. H. N. Rider. 2,357,133; Aug. 29.
Pressure-actuated valve and vibration damping means therefor. R. R. Donaldson. 2,357,318; Sept. 5.
Pressure and temperature recording apparatus. W. A. McMillan. 2,342,206; Feb. 22.
Pressure and temperature relief valve. O. F. Carlson. 2,351,190; June 13.
Pressure and vacuum gauge, Combined. S. Kahn. 2,353,472; July 11.
Pressure apparatus for spinning machines. R. Balmes Solanas. 2,359,820; Oct. 10.
Pressure booster apparatus. A. H. Reiber. 2,345,289; Mar. 28.
Pressure booster, Fluid system. J. Hulman and B. Beaman. 2,363,528; Nov. 28.
Pressure casting machine injection pressure control. N. Lester and W. H. Schwartz. 2,365,282; Dec. 19.
Pressure compensator for duplicating machines. R. A. Williams. 2,363,766; Nov. 28.
Pressure container. A. H. Heineman. 2,341,547; Feb. 15.
Pressure control device. M. W. Crew. 2,357,878; Sept. 12.
Pressure control device. L. A. Majneri. 2,342,878; Feb. 29.
Pressure control system. N. C. Price. 2,342,220; Feb. 22.
Pressure control valve. M. W. Huber. 2,347,321; Apr. 25.
Pressure controlled switch. B. A. Reynolds. 2,341,241; Feb. 8.
Pressure coring apparatus. J. C. Stokes. 2,343,032; Feb. 29.
Pressure cylinder connection. W. H. Hoagland. 2,352,434; June 27.
Pressure device for drawing cylinders for fly frames having three, four, or more cylinders. L. Marzoli. 2,350,789; June 6.
Pressure device for tacking machines. M. McCann. 2,357,749; Sept. 5
Pressure differentials, Measuring. J. B. McGay. 2,365,573; Dec. 19.
Pressure equalizer. D. D. Greenwell and H. W. Stalnaker. 2,341,501; Feb. 8.
Pressure filter. C. D. Nugent. 2,352,732; July 4.
Pressure fluid motor. F. E. Sinclair. 2,358,601; Sept. 19.
Pressure foot for sewing machines. E. J. Billington. 2,341,686; Feb. 15.
Pressure gauge. W. Angst. 2,358,613; Sept. 19.
Pressure gauge. G. C. R. Birch. 2,356,442; Aug. 22.
Pressure gauge. E. J. Courtney. 2,360,202; Oct. 10.
Pressure gauge. C. N. Hickman. 2,362,484; Nov. 14.
Pressure gauge. A. J. Logie. 2,346,852; Apr. 18.
Pressure gauge. S. Kahn. 2,365,962; Dec. 26.
Pressure gauge. R. U. Rourke. 2,347,341; Apr. 25.
Pressure gauge of the aneroid type for pressure measuring in gas or liquid. E. A. Wilkenson and P. T. Faxén. 2,365,923; Dec. 26.
Pressure heating device. H. L. Grapp. 2,340,120; Jan. 25.
Pressure hinged lever system for cylinders of sliver or lap drawing frames for use in spinning textile fibers of various kinds. L. Marzoli. 2,356,416; Aug. 22.
Pressure indicator. L. M. Ellinson. 2,339,847; Jan. 25.
Pressure indicator. S. D. Lavole. 2,355,088; Aug. 8.
Pressure joint for tubes. D. P. Hynes. 2,364,447; Dec. 5.
Pressure leakage gauge. W. A. Smith. 2,352,350; June 27.
Pressure loader, Automatic. A. D. MacLean, F. H. Kindl, and H. J. Evans. 2,365,713; Dec. 26.
Pressure observer. M. F. Reynst, W. H. Stigter, and C. Dorsman. 2,345,071; Mar. 28.
Pressure measuring device. L. L. Young. 2,352,302; June 27.
Pressure-membrane extraction apparatus. L. A. Richards. 2,353,760; July 18.
Pressure operated switch. C. A. Otto. 2,358,732; Sept. 19.
Pressure operated valve gear. F. C. Meyer. 2,342,003; Feb. 15.
Pressure-recording instrument. M. L. Oliphant. 2,360,442; Oct. 17.
Pressure reduction check valve. J. F. Hoffer. 2,352,322; June 27.
Pressure regulated, straight pull jar mechanism. D. U. Shaffer. 2,354,709; Aug. 1.
Pressure regulating apparatus for constant delivery pumps. C. W. Mott. 2,362,713; Nov. 14.
Pressure regulating device. D. Gregg. 2,338,505; Jan. 4.
Pressure regulating system. J. R. Hagemann. 2,342,579; Feb. 22.
Pressure regulator. A. Boynton. 2,356,748; Aug. 29.
Pressure regulator. G. M. Deming. 2,338,760; Jan. 11.
Pressure regulator. A. D. Krugler. 2,351,135; June 13.
Pressure regulator. R. M. Magnuson. 2,342,001; Feb. 15.
Pressure regulator. J. H. Thomas and N. Dragics. 2,339,590; Jan. 18.
Pressure regulator. K. W. Westlund. 2,349,922; May 30.
Pressure regulators, Relief. F. Whitworth. 2,347,586; Apr. 25.
Pressure release means, Electrically responsive. B. M. Butler. 2,363,117; Nov. 21.
Pressure releasable wrench. C. A. Latimer. 2,358,461; Sept. 19.
Pressure releasing means for steam irons. F. E. Wolcott and L. V. Lucia. 2,357,862; Sept. 12.
Pressure relief system for storage tanks. P. B. Drane. 2,348,888; May 16.
Pressure relief valve. A. E. Jurs, Jr., and R. W. Blake. 2,342,472; Feb. 22.
Pressure relief valve. T. E. Nichols. 2,358,875; Sept. 26.
Pressure relieving device. R. W. Tryon. 2,353,093; July 4.
Pressure responsive apparatus for detection or control of ice or for other purposes. L. L. Cunningham. 2,338,574; Jan. 4.
Pressure responsive device. R. R. Donaldson. 2,352,312; June 27.
Pressure responsive indicating instrument. G. E. Lindemann. 2,340,396; Feb. 1.
Pressure responsive measuring instrument. A. J. Rosenberger. 2,354,423; July 25.
Pressure responsive valve. D. G. Griswold. 2,366,144; Dec. 26.
Pressure sealing closure. C. C. Hamilton. 2,342,140; Feb. 22.
Pressure sprinkler system, Low air. H. N. Rider. 2,352,996; July 4.
Pressure sustaining apparatus. H. M. Louden and C. W. McCreery. 2,349,739; May 23.
Pressure supporting mechanism. P. I. Schults. 2,338,603; Jan. 4.
Pressure switch. T. H. Yarbrough and J. P. Wheat. 2,345,023; Mar. 28.
Pressure switch structure. H. A. Satterlee. 2,343,245; Mar. 7.
Pressure tank. S. W. Alderfer. 2,366,140; Dec. 26.
Pressure tank. S. M. Schweller. 2,360,590; Oct. 17.
Pressure tank. W. H. Teeter. 2,347,379; Apr. 25.
Pressure tank sprinkler system with secondary supply. H. N. Rider. 2,353,116; July 4.
Pressure tank sprinkler system with secondary supply, Deluge or preaction. H. N. Rider. 2,353,117; July 4.
Pressure vaporizer. H. R. Rich. 2,345,687; Apr. 4.
Pressure vessels, Constructing multilayer. C. M. Scudder. 2,359,446; Oct. 3.
Pressure vessels, Making laminated. J. C. Grubb. 2,365,696; Dec. 26.
Pressures, Method of and means for indicating. W. B. Klemperer. 2,342,587; Feb. 22.
Preventing deposits within water formations and on well screens. N. E. Gunderson. 2,352,832; July 4.
Preventing formation of color fog in emulsions. P. W. Vittum and L. S. Wilder. 2,360,290; Oct. 10.
Preventing ice formation on surfaces. J. D. Larson. 2,347,114; Apr. 18.
Prewelt lasting machine. E. A. Holmgren. 2,356,241; Aug. 22.
Price card holder. C. F. Hoofer. 2,342,542; Feb. 22.
Price card rack. J. J. Muehling. 2,346,779; Apr. 18.
Price tag delivery mechanism. F. Kohnle and T. G. Turner. 2,343,617; Mar. 7.
Price tag holder. W. B. McCarty. 2,347,423; Apr. 25.
Price ticket protector. L. Hopp. 2,362,273; Nov. 7.
Prime mover. P. J. McAndrews. 2,361,952; Nov. 7.
Prime movers, Apparatus for testing. W. H. Roberts. 2,362,308; Nov. 7.
Primer. H. J. Billings. 2,340,298; Feb. 1.
Primer. G. E. Franck. 2,345,663; Apr. 4.
Primer tube for dynamite cartridges. G. R. Mustaparta. 2,350,566; June 6.
Priming composition. W. Brün. 2,356,210; Aug. 22.
Priming composition. W. Brün and G. M. Calhoun. 2,341,262; Feb. 8.
Priming system for centrifugal pumps. E. A. Wilhelm. 2,349,029; May 16.
Print developing machine. R. Sardeson, L. D. Friel, H. M. and G. M. Dye. 2,362,587; Nov. 14.
Printed article. H. Menihan. 2,350,564; June 6.
Printed articles, Manufacture of. F-W. G. Gravenstein. 2,349,718; May 23.
Printed matter, Transferring. W. W. Decker and C. G. Schnibben. 2,351,933; June 20.
Printed or written envelopes and the like, Sheet to make blank. C. Bonnaire. 2,351,805; June 20.
Printer. J. B. Dey and L. Hayden. 2,364,277; Dec. 5.
Printer, Daylight. H. F. Stiffler. 2,365,226; Dec. 19.
Printer for instrument scales. T. Slonczewski. 2,342,560; Feb. 22.
Printer, Sound film. G. L. Dimmick. 2,347,938; May 2.
Printing and bursting machine. M. J. O'Connell. 2,344,720; Mar. 21.
Printing and issuing machine, Ticket. A. Bowman. 2,361,257; Oct. 24.
Printing and viewing arrangement, Combined. F. Urbach. 2,349,999; May 30.
Printing apparatus. A. Hofrichter. 2,359,037; Sept. 26.
Printing apparatus. E. Komusin. 2,338,590; Jan. 4.
Printing apparatus. W. B. Payne. 2,346,603; Apr. 11.
Printing apparatus. J. Sinkovits. 2,363,560; Nov. 28.
Printing apparatus. B. W. Smith. 2,339,199; Jan. 11.
Printing apparatus, Flock adhesive. E. C. Tarnumer. 2,339,891; Jan. 25.

Printing apparatus, Intaglio. W. O. Dick. 2,351,021; June 13.
Printing apparatus, Multicolor. F. Ostolaza and J. F. Doskoch, Jr. 2,340,979; Feb. 8.
Printing apparatus, Textile. H. A. Smith. 2,358,112; Sept. 12.
Printing apparatus, Textile. S. B. Stafford and H. A. Smith. 2,358,114; Sept. 12.
Printing business machine. J. E. Ostline. 2,360,789; Oct. 17.
Printing-calculating machine. A. F. Pott. 2,352,006; June 20.
Printing composition. E. J. Hanley. 2,363,863; Nov. 28.
Printing composition. A. J. Wuerts and J. Deinet. 2,346,957; Apr. 18.
Printing composition, Spirit. R. C. Locke. 2,343,781; Mar. 7.
Printing composition, Textile. C. F. Miller. 2,353,411; July 11.
Printing compositions and printing therewith. R. H. Klenie, C. A. Amick, and C. C. Kerns. 2,364,359; Dec. 5.
Printing cut and making it. J. T. Cochran. 2,352,518; June 27.
Printing device. G. R. Sullivan. 2,363,096; Nov. 21.
Printing device guide means. L. A. Thatcher. 2,360,174; Oct. 10.
Printing emulsions, Textile. N. S. Cassel. 2,364,692; Dec. 12.
Printing forms, Manufacturing. R. Kanlen. 2,357,476; Sept. 5.
Printing ink and preparing the same. H. A. Sell and H. Cole. 2,352,850; July 4.
Printing machine. L. B. Case. 2,341,690; Feb. 15.
Printing machine. F. E. Curtis. 2,350,016; May 30.
Printing machine. W. T. Gollwitzer. 2,342,190; Feb. 22.
Printing machine. W. T. Gollwitzer. 2,355,796; Aug. 15.
Printing machine. W. T. Gollwitzer. 2,356,995; Aug. 29.
Printing machine. J. H. Gruver. 2,359,855; Oct. 10.
Printing machine. M. S. Gudger. 2,356,315; Aug. 22.
Printing machine. C. J. Hueber. 2,359,849–50; Oct. 10.
Printing machine. C. J. Hueber. 2,359,851; Oct. 10.
Printing machine. C. J. Hueber. 2,359,853–4; Oct. 10.
Printing machine. C. J. Hueber. 2,359,857; Oct. 10.
Printing machine. L. H. Morse. 2,359,852; Oct. 10.
Printing machine. L. H. Morse. 2,359,856; Oct. 10.
Printing machine. E. Racz. Re. 22,480; May 16.
Printing machine. C. H. Sand, Jr. 2,342,698; Feb. 29.
Printing machine. C. H. Sand, Jr. 2,342,699; Feb. 29.
Printing machine. C. H. Sand, Jr. 2,342,898; Feb. 29.
Printing machine drive. A. J. Horton. 2,356,160; Aug. 22.
Printing machine, Multicolor. F. Lamatsch. 2,346,588; Apr. 11.
Printing machine, Power-operated. C. D. Ryan and E. P. Drake. 2,350,703; June 6.
Printing machine, Rotary. F. Shurley. 2,351,552; June 13.
Printing machine with rotatable stencils and automatic ink supply. R. Koreska. 2,341,627; Feb. 15.
Printing machines, Inking mechanism for. A. M. Zuckerman. 2,338,561; Jan. 4.
Printing means, Coin controlled. A. C. Peterson. 2,345,286; Mar 28.
Printing mechanism. R. O. Buehler. 2,361,260; Oct. 24.
Printing mechanism. F. J. Furman and E. J. Rabenda. 2,338,173; Jan. 4.
Printing mechanism. A. W. Mills. 2,353,057; July 4.
Printing mechanism. J. G. Pritchard. 2,360,273; Oct. 10.
Printing mechanism for adding and accounting machines. O. J. Sundstrand and W. A. Anderson. 2,349,769; May 23.
Printing, Method and apparatus for. H. H. Metcalf. 2,363,137; Nov. 21.
Printing method and paper for use therein. A. E. Gessler and D. J. Bernardi. 2,347,047; Apr. 18.
Printing paste, Stabilized diazo. S. S. Rossander, C. E. Sparks, and C. W. Maynard, Jr. 2,356,618; Aug. 22.
Printing, Photographic. G. F. Rackett. 2,363,689; Nov. 28.
Printing plate clamp. H. M. Barber. 2,355,134; Aug. 8.
Printing plate, Planographic. A. Garrett. 2,363,311; Nov. 21.
Printing plate, Planographic. W. B. Wescott. 2,348,943; May 16.
Printing plates and the like, Forming and conditioning composite. A. E. Lundbye. 2,352,905; July 4.
Printing plates, Continuous-tone. E. Bassist. 2,345,447; Mar. 28.
Printing plates, Etching. W. C. Toland and E. Bassist. 2,361,665; Oct. 31.
Printing plates, Making. F. E. Reilly and C. Holsinger. 2,359,385; Oct. 3.
Printing plates, Making composite. C. E. Boutwell. 2,355,949; Aug. 15.
Printing plates, Making registered duplicate-image multiple color. J. A. White. 2,348,944; May 16.
Printing plates, Preparing. E. Bassist. 2,344,487; Mar. 21.
Printing plates to their cylinders, Securing. H. M. Barber. 2,361,919; Nov. 7.
Printing press. F. R. Belluche. 2,355,046; Aug. 8.
Printing press. A. J. Carpenter, Jr. 2,351,013; June 13.
Printing press. W. W. Davidson and E. F. Dell. 2,358,284; Sept. 12.
Printing press. W. J. Hanson. 2,344,609; Mar. 21.
Printing press. J. F. Hawley. 2,361,612; June 20.
Printing press. W. M. Kelly. 2,365,278; Dec. 19.
Printing press drive. C. P. Feldhausen. 2,354,950; Aug. 1.
Printing press roll structure. A. Goebel and E. A. Wilckens. 2,350,505; June 6.
Printing process. G. W. Seymour. 2,347,289; Apr. 25.
Printing process and mechanism. A. Taylor. 2,363,817; Nov. 28.
Printing process and printing material for carrying out the same, Photomechanical. A. Rott. 2,352,014; June 20.
Printing roller, Supporting the masks in. F. A. Stead. 2,338,878; Jan. 11.
Printing rolls, Making. J. J. Ormond. 2,346,939; Apr. 18.
Printing surfaces, Preparing. R. MacKay. 2,343,685; Mar. 7.
Printing telegraph apparatus. E. A. Gubisch. 2,348,214; May 9.
Printing telegraph apparatus. R. A. Lake. 2,339,785; Jan. 25.
Printing telegraph apparatus. R. A. Lake. 2,355,657; Aug. 15.
Printing telegraph apparatus. C. A. Levin. 2,352,643; July 4.
Printing telegraph apparatus. L. M. Potts. 2,349,674; May 23.
Printing telegraph apparatus. A. H. Reiber. Re. 22,453; Mar. 7.
Printing telegraph apparatus. A. H. Reiber. 2,351,636; June 20.
Printing telegraph apparatus. A. H. Reiber. 2,351,784; June 20.
Printing telegraph apparatus. A. H. Reiber. 2,351,785; June 20.
Printing telegraph apparatus. A. H. Reiber. 2,352,155; June 20.
Printing telegraph apparatus. R. D. Salmon. 2,339,724; Jan. 18.
Printing telegraph apparatus. R. D. Salmon. 2,356,092; Aug. 15.
Printing telegraph apparatus. R. D. Salmon and A. A. Kirchel. 2,346,944; Apr. 18.
Printing telegraph apparatus. W. J. Zenner. 2,338,275; Jan. 4.
Printing telegraph apparatus. W. J. Zenner. 2,339,313; Jan. 18.
Printing telegraph apparatus. W. J. Zenner. 2,353,608; July 11.
Printing telegraph apparatus and system. P. B. Murphy. 2,342,886; Feb. 29.
Printing telegraph exchange system. G. G. Light. 2,351,621; June 20.
Printing telegraph system. J. E. Wack and W. J. Zenner. 2,357,297; Sept. 5.
Prismatic accumulator gauge. H. E. Brelsford. 2,351,100; June 13.
Prismatic optical observer. P. H. Pierson and W. W. Saunders. 2,358,348; Sept. 19.
Prisms, Manufacturing. E. D. Tillyer, C. G. Silverberg, and D. P. Bernheim. 2,361,514; Oct. 31.
Prisms, Method and apparatus for finishing. H. W. Mogey. 2,363,544; Nov. 28.
Procedure for the preparation of substances containing conjugated double bonds. J. D. Cawley. 2,343,644; Mar. 7.
Process. R. H. Gardner. 2,345,742; Apr. 4.
Process and apparatus for continuously producing plastic masses. K. Raschig. 2,341,651; Feb. 15.
Process and apparatus for decorating articles of manufacture. G. H. Campbell. 2,340,643; Feb. 1.
Process and catalyst for the preparation of predominant quantities of paraffin in the hydrogenation of carbon monoxide. H. Heckel. 2,339,927; Jan. 25.
Process and coating material for surfaces. J. W. Ayers. 2,339,317; Jan. 18.
Process for producing N-substituted aminophenols. F. R. Bean. 2,338,482; Jan. 4.
Process of and equipment for building concrete ships. H. D. A. Ganteaume. 2,364,522; Dec. 5.
Process to lower the reflection of optically active surfaces. G. J. Weissenberg. 2,356,553; Aug. 22.
Processing apparatus. B. De H. Miller and H. W. Bevarly. Re. 22,519; July 18.
Processing machine for canned foods. W. E. Mitton. 2,347,495; Apr. 25.
Processing of materials. G. T. Reich. 2,343,706; Mar. 7.
Processing yarn. G. M. Karns. 2,350,168; May 30.
Producing images by television in stereoscopic relief, Method of and apparatus for. J. L. Baird. 2,349,071; May 16.
Producing the sodium hydroxylate of anaryl aldehyde. A. F. Hardman. 2,343,111; Feb. 29.

Production of artificial filaments, films, and other articles from organic polymerization products. H. Dreyfus, R. W. Moncrieff, and C. W. Sammons. 2,347,545; Apr. 25.
Production of cast iron. J. T. Eash. 2,355,059; Aug. 8.
Production of methyl glycerol. H. P. Staudinger and H. H. W. Tuerck. 2,351,302; June 13.
Production of polymerization products from isobutylene. M. Otto. 2,344,213; Mar. 14.
Production of resin-like substances. E. Färber. 2,343,215; Feb. 29.
Production of salts by base-exchanging substances. H. Johnsen. 2,344,617; Mar. 21.
Production of silage. S. B. Haskell and E. W. Harvey. 2,346,072; Apr. 4.
Production of sodium and potassium carbonates. R. D. Pike. 2,343,031; Feb. 29.
Production of stilbene. W. J. Mattox. 2,361,044; Oct. 24.
Production recorder. H. W. Brougham. 2,354,361; July 25.
Profile duplicating machine. E. C. S. Clench and Q. H. Carlton. 2,346,823; Apr. 18.
Progressive separator. V. F. Greaves. 2,353,664; July 11.
Projectile. J. H. Church and W. E. Thibodeau. 2,359,301; Oct. 3.
Projectile. E. S. Diehl. 2,356,227; Aug. 22.
Projectile. W. J. Landen. 2,359,317; Oct. 3.
Projectile. W. J. Landen, J. H. Church, and W. E. Thibodeau. 2,365,706; Dec. 26.
Projectile. S. A. Moore. 2,365,577; Dec. 19.
Projectile. W. T. Moore. 2,345,619; Apr. 4.
Projectile. W. T. Moore. 2,365,718; Dec. 26.
Projectile. B. G. Thompson. 2,343,344; Mar. 7.
Projectile. E. G. Whipple. 2,345,863; Apr. 4.
Projectile. J. H. Wilson. 2,358,899; Sept. 26.
Projectile, Antiaircraft. W. E. Smith. 2,352,502; June 27.
Projectile device. L. W. Moore. 2,342,006; Feb. 15.
Projectile, Explosive. W. T. Moore and W. E. Thibodeau. 2,364,643; Dec. 12.
Projectile, Lighting. E. W. Brandt. 2,362,534; Nov. 14.
Projectile loading. F. W. Snodgrass. 2,356,281; Aug. 22.
Projectile, Parachute and aircraft. A. J. De Camp. 2,347,994; May 2.
Projectile support. D. F. Shepherd. 2,339,298; Jan. 18.
Projectile trapping method and apparatus. I. R. Gilson. 2,356,992; Aug. 29.
Projectile, Variable range. H. J. Fanger. 2,359,515; Oct. 3.
Projectile, Whistling. V. G. Herman. 2,350,260; June 27.
Projectiles, Making. W. S. Reynolds. 2,349,677; May 23.
Projection apparatus, Portable. R. H. Larson. 2,345,202; Mar. 28.
Projection screen. E. R. Dillehay. 2,341,982; Feb. 15.
Projection screen. O. Hehn. 2,346,257; Apr. 11.
Projection screen. F. M. E. Holmes and L. F. Seebach. 2,358,070; Sept. 12.
Projection screen. S. M. MacNeille. 2,338,654; Jan. 4.
Projection screen. S. M. MacNeille. 2,362,573; Nov. 14.
Projection screen stand. A. L. Raven. 2,346,274; Apr. 11.
Projection system. L. S. Williams. 2,343,621; Mar. 7.
Projector. T. S. Briskin. 2,366,084; Dec. 26.
Projector. L. Frankel. 2,354,679; Aug. 1.
Projector. W. H. Hutter. 2,339,169; Jan. 11.
Projector. W. T. Perkins. 2,344,263; Mar. 14.
Projector. E. Salant. 2,341,658; Feb. 15.
Projector. R. Wendel. 2,354,237; July 25.
Projector assembly, Portable. C. H. Harris and J. N. Graef. 2,361,398; Oct. 31.
Projector, Continuous motion picture. C. Chedister. 2,341,313; Feb. 8.
Projector control. H. N. Fairbanks and R. W. Wallace. 2,343,850; Mar. 7.
Projector for cinematographic targets. I. F. Mandell. 2,342,417; Feb. 22.
Projector, Motion picture. R. J. Miller. 2,339,503; Jan. 18.
Projector, Motion picture. R. J. Miller. 2,341,734; Feb. 15.
Projector, Motion-picture. D. G. Moore. 2,362,019; Nov. 7.
Projector, Picture. F. T. Fuge. 2,358,888; July 18.
Prolamine plastic composition, Preparing. H. M. Weber. 2,340,913; Feb. 8.
Prolamines, Extracting. R. H. Manley and C. D. Evans. 2,354,393; July 25.
Promoted isomerisation reactions. E. E. Stahly and Kenneth C. Laughlin. 2,361,506; Oct. 31.
Proofing apparatus and process. J. F. Hawley. 2,355,529; Aug. 8.
Proofing process. J. F. Hawley. 2,355,530; Aug. 8.
Prop for semitrailers. J. J. Black. 2,358,486; Sept. 19.
Propane, Treatment of. H. Pines and V. N. Ipatieff. 2,346,701; Apr. 18.
Propellant powder. G. A. McBride. 2,344,516; Mar. 21.
Propeller. R. C. Brots. 2,346,552; Apr. 11.
Propeller. G. L. Freedman and W. E. Burnham. 2,350,345; June 6.
Propeller. P. F. Hackethal, G. T. Lampten, and A. T. Briggs. 2,359,265; Sept. 26.
Propeller. H. D. Houghton. 2,345,047; Mar. 28.
Propeller. D. E. Meehan. 2,360,571; Oct. 17.
Propeller. J. De Stefane. 2,339,772; Jan. 25.
Propeller adjusting mechanism. G. F. Wislicenus. 2,363,823; Nov. 28.
Propeller, Aircraft. R. C. Magee. 2,356,772; Aug. 29.
Propeller, Balancing. E. Martin. 2,338,293; Jan. 4.
Propeller balancing mechanism. R. K. Mueller. 2,362,842; Nov. 14.
Propeller blade balancing attachments. J. H. Davis. 2,339,624; Jan. 18.
Propeller blade ice preventer. E. Martin. 2,354,764; Aug. 1.
Propeller blade measuring apparatus. J. D. MacKay. 2,358,987; Sept. 26.
Propeller blades, Making. G. T. Lampton and H. P. Moyer. 2,343,418; Mar. 7.
Propeller blades, Manufacture of. L. B. Chubb. 2,354,198; July 25.
Propeller construction for aircraft or the like. H. Reissner. 2,364,871; Dec. 12.
Propeller control. M. C. Beebee, Jr. 2,338,483; Jan. 4.
Propeller control means. E. Martin. 2,361,954; Nov. 7.
Propeller control mechanism. J. F. Haines. 2,357,400; Sept. 5.
Propeller control valve, Inertia actuated. E. Martin. 2,346,856; Apr. 18.
Propeller, Dual. T. R. Tarn. 2,350,942; June 6.
Propeller fan, Multistage. H. F. Hagen. 2,339,602; Jan. 18.
Propeller governor. E. Martin. 2,343,282; Mar. 7.
Propeller hub. J. A. Roche. 2,338,302; Jan. 4.
Propeller hub assembly. H. H. Roby. 2,347,282; Apr. 25.
Propeller inhibitor. T. F. W. Meyer. 2,351,356; June 13.
Propeller mechanism. W. J. Blanchard and C. S. J. MacNeil. 2,362,444; Nov. 14.
Propeller, Motorless boat. E. H. Phillas. 2,348,027; May 2.
Propeller operating mechanism, Reversible screw. R. Sahle. 2,360,982; Oct. 24.
Propeller, particularly for aircraft, Screw. H. Reissner. 2,365,214; Dec. 19.
Propeller, particularly for watercraft, Variable pitch. F. S. Eves. 2,355,039; Aug. 1.
Propeller, Reinforced. C. B. Jamison. 2,344,876; Mar. 21.
Propeller, Screw. A. Rupp. 2,353,190; July 11.
Propeller spinner. E. Harper. 2,346,680; Apr. 18.
Propeller spinners, Deicing. H. M. McCoy. 2,343,918; Mar. 14.
Propeller structure. M. Stillman. 2,340,709; Feb. 1.
Propeller type drive. C. A. Le Bert. 2,354,465; July 25.
Propeller, Variable pitch. W. W. Everts. 2,358,967; Sept. 26.
Propeller, Variable-pitch. C. Keller. 2,343,416; Mar. 7.
Propeller, Variable-pitch. C. Keller. 2,353,566; July 11.
Propeller, Variable pitch. F. E. Willard. 2,342,442; Feb. 22.
Propellers, Balancing. E. Martin and M. C. Beebe, Jr. 2,343,383; Mar. 7.
Propellers, for multiple propeller ships. J. Kreitner and R. M. Kristal. 2,349,286; May 23.
Propelling and steering means for vessels, Combined. J. T. Troth. 2,364,255; Dec. 5.
Propelling means. W. Manning. 2,346,595; Apr. 11.
Propelling plant for aircraft. C. Dornier. 2,348,792; May 16.
Proportionalizing control. E. M. Sorensen. 2,347,714; May 2.
Proportioning apparatus. J. F. Sebald, M. P. Robinson, and H. G. Wood. 2,365,298; Dec. 19.
Propulsion and breaking control system. C. M. Hines. 2,366,029; Dec. 26.
Propulsion device for swimmers. H. L. Messinger. 2,343,468; Mar. 7.
Propulsion means for naval torpedoes. D. G. Fawkes. 2,351,750; June 20.
Propulsive unit. F. A. Howard. 2,355,218; Aug. 8.
Prospecting, Subsurface. D. G. C. Hare. 2,345,119; Mar. 28.
Protecting device for landing wheels of aircraft. J. Wright and H. Trevaskis. 2,349,067; May 16.
Protecting pipe. S. Varga. 2,347,855; May 2.
Protection of polyphase impedance networks. J. W. Butler. 2,349,611; May 23.
Protection of seeds against birds. F. Heckmanns and M. Meisenheimer. 2,339,335; Jan. 18.
Protective and decorative coating. L. Auer. 2,352,172; June 27.
Protective apparatus for highway crossings. J. W. Logan, Jr. 2,362,912; Nov. 14.
Protective apparatus for propellers. J. O. Antonson. 2,365,902; Dec. 26.
Protective arrangement for alternating current systems. A. R. V. Warrington. 2,360,182; Oct. 10.
Protective coating for metal, Applying a. H. A. Pray and P. D. Miller. 2,343,226; Feb. 29.
Protective coatings, Applying temporary. A. Jeri. 2,365,705; Dec. 26.

Protective cover for apertures for loud-speaking instruments, microphones and other articles. D. H. Marlow. 2,346,226; Apr. 11.
Protective covering for electrical outlet boxes. I. L. Stein. 2,354,224; July 25.
Protective covering for welding rods. R. Wassermann. 2,358,813; Oct. 10.
Protective device. E. W. Drescher. 2,346,476; Apr. 11.
Protective device. W. W. Halbrook. 2,340,055; Jan. 25.
Protective device. E. G. Howick. 2,339,930; Jan. 25.
Protective device. F. D. Huntsman. 2,358,978; Sept. 26.
Protective device. F. B. MacLaren, Jr. 2,340,606; Feb. 1.
Protective device for drills. J. P. Slater. 2,353,514; July 11.
Protective device for electrical apparatus. R. O. Hurst. 2,351,969; June 20.
Protective device for electrical apparatus. M. G. Leonard. 2,345,131; Mar. 28.
Protective device for electrical apparatus. M. G. Leonard. 2,351,984; June 20.
Protective device for indicating instruments. E. L. Kent. 2,358,980; Sept. 26.
Protective device, Fusible. E. H. Taylor. 2,342,310; Feb. 22.
Protective device having electrical resetting. M. G. Leonard. 2,351,983; June 20.
Protective device, Series capacitor. L. R. Ludwig and C. V. Fields. 2,351,986; June 20.
Protective fabric. R. L. Sebastian and H. A. Scruton. 2,354,707; Aug. 1.
Protective means for electrical contacts. R. Lee and F. E. Broberg. 2,356,166; Aug. 22.
Protective structure for mirrors. R. H. Turner. 2,352,923; July 4.
Protective system. C. C. Cash and K. H. Perkins. 2,338,405; Jan. 4.
Protective system. A. G. Darling. 2,358,215; Sept. 12.
Protective system. D. D. MacCarthy. 2,341,932; Feb. 15.
Protective system. E. E. Moyer. 2,343,199; Feb. 29.
Protective system. J. H. Neher. 2,360,151; Oct. 10.
Protective system. J. H. Neher. 2,363,895; Nov. 28.
Protective system. A. Palme and C. A. Urbanek. 2,345,420; Mar. 28.
Protective system. R. M. Partington. 2,363,808; Nov. 28.
Protective system. H. T. Seeley. 2,357,138; Aug. 29.
Protective system. O. C. Traver and A. J. McConnell. 2,365,025; Dec. 12.
Protective system. A. R. Van C. Warrington. 2,345,440; Mar. 28.
Protective system. A. R. V. Warrington. 2,363,915; Nov. 28.
Protective system. M. K. Zinn. 2,356,296; Aug. 22.
Protective system, Fire. L. M. Lewis. 2,352,843; July 4.
Protector: *See*—
Fusible electric circuit protector.
Garment protector.
Heel lift protector.
Knee protector.
Match packet protector.
Nonsmudge lip protector.
Nose protector.
Price ticket protector.
Shirt and collar protector.
Splash protector.
Stocking protector.
Substation protector.
Wheel puller.
Windshield protector.
Wrist watch protector.
Protector and booster, Casing. H. D. Sandstone. 2,352,412; June 27.
Protector for conducting wires, Insulating. M. M. Kennedy. 2,361,109; Oct. 24.
Protector for use with parachutes. G. R. Hutchinson. 2,363,249; Nov. 21.
Protein compositions of matter and preparing same. P. L. Julian, E. B. Oberg, and B. T. Malter. 2,363,794; Nov. 28.
Protein compositions, Preparing. W. M. Bain and A. W. Neubauer. 2,350,953; June 6.
Protein containing materials with fruit materials, Treating. A. A. Horvath. 2,363,864; Nov. 28.
Protein plastics by cold molding, Producing. O. C. H. Sturken. 2,348,761; May 16.
Protein, Treating. A. E. Poarch. 2,356,795; Aug. 29.
Proteinous compositions and their production. H. C. Reitz. 2,344,267; Mar. 14.
Protractor. L. W. Wolfe. 2,361,807; Oct. 31.
Prune compound and making the same, Powdered. L. LaVine. 2,352,108; June 20.
Psuedothiohydantoin-protein derivatives and solutions therefrom. O. Huppert. 2,343,012; Feb. 29.
Psychometer. D. D. Milne, J. P. Fogarty, and J. B Dunlevie. 2,339,579; Jan. 18.
Psychrometrically controlled air conditioning system. J. C. Marlow. 2,338,382; Jan. 4.
Public address system. K. S. Johnson. 2,348,629; May 9.
Puff, Powder. A. E. Vaughn. 2,350,707; June 6.
Puffed cereal flakes, Making. E. H. McKay. 2,339,419; Jan. 18.
Pull-off device for telemeter indicators. F. R. Sias. 2,345,011; Mar. 28.
Pull rod carrier. R. H. Carr. 2,355,054; Aug. 8.
Pull rod carrier. A. M. Rossman. 2,363,552; Nov. 28.
Puller: *See*—
Ball-bearing puller.
Bearing puller.
Cable puller.
Slack puller.
Spike puller.
Stalk puller.
Wheel puller.
Pulley bearing. G. H. Kendall. 2,349,281; May 23.
Pulley block. J. H. Flynn. 2,359,026–7; Sept. 26.
Pulley, Fin type belt supporting. B. B. Gemeny. 2,339,069; Jan. 11.
Pulley mount. J. M. Gwinn, Jr., and P. Koenig. 2,343,054; Feb. 29.
Pulley, Self-aligning. R. F. Hlavaty. 2,340,750; Feb. 1.
Pulley, Self-aligning. R. F. Hlavaty. 2,342,863; Feb. 29.
Pulley, Self-aligning. R. F. Hlavaty. 2,344,817; Mar. 21.
Pulley, Self-aligning. R. F. Hlavaty. 2,350,509; June 6.
Pulp beater and selector. H. D. Wells. 2,340,720; Feb. 1.
Pulp beating engine. G. W. Dodge. 2,360,854; Oct. 24.
Pulp consistency testing apparatus. E. W. Samson and A. H. Croup. 2,346,945; Apr. 18.
Pulp machine. J. C. Lowe. 2,344,047; Mar. 14.
Pulp molding die. M. P. and C. J. Chaplin. 2,359,201; Sept. 26.
Pulp preparation, Paper. A. P. Schnyder. 2,342,225; Feb. 22.
Pulp product production. L. M. Wiley. 2,348,272; May 9.
Pulp, Purification of. H. Banning. 2,353,983; July 18.
Pulp screen. S. A. Staege. 2,364,171; Dec. 5.
Pulp screen. H. D. Wells. 2,356,289; Aug. 22.
Pulp, Treating fibrous. G. L. Bidwell. 2,339,453; Jan. 18.
Pulpifier and washing apparatus, Combined abrasive. E. T. McGregor. 2,338,383; Jan. 4.
Pulsating current. Method of and apparatus for producing. E. S. Hebeler. 2,349,229; May 16.
Pulsating device and honing. J. E. Kline. 2,350,117; May 30.
Pulsation damper. H. Gluck and D. J. Snyder. 2,347,903; May 2.
Pulsation relief device. H. J. Wiser. 2,357,622; Sept. 5.
Pulsator. J. A. Schmitt and L. F. Bender. 2,363,558; Nov. 28.
Pulsator, and more particularly pulsator for milking machines. K. A. Bergstedt. 2,359,508; Oct. 3.
Pulse-counting circuit. E. B. Ferrell. 2,345,925; Apr. 4.
Pulse regenerator. J. O'D. Shepherd. 2,347,513; Apr. 25.
Pulse register circuit. R. O. Soffel. 2,352,742; July 4.
Pulse signaling system. B. Trevor. 2,361,437; Oct. 31.
Pulverized fuel burner. L. V. Andrews. 2,341,682; Feb. 15.
Pulverized fuel burner. C. W. Gordon. 2,361,681; Oct. 31.
Pulverizer. E. J. Dandlinger. 2,355,784; Aug. 15.
Pulverizer. L. N. Doyle. 2,342,255; Feb. 22.
Pulverizer. A. J. Grindle. 2,259,911; Oct. 10.
Pulverizer, Ground. A. G. Mahler. 2,356,072; Aug. 15.
Pulverizing. N. H. Andrews. 2,361,922; Nov. 7.
Pulverizing and classifying machine. H. G. and W. H. Lykken. 2,362,142; Nov. 7.
Pulverizing mill. R. H. Evans. 2,361,278; Oct. 24.
Pulverizing mill. A. J. Peake. 2,365,904; Dec. 26.
Pulverulent and plastic materials, Granulating. L. and J. Eirich. 2,357,941; Sept. 12.
Pulverulent metallic substance for electromagnetic purposes. G. Trageser. 2,351,462; June 13.
Pump: *See*—
Accelerating pump.
Adjustable stroke pump.
Axial piston pump.
Bellows type pump.
Bilge pump.
Carburetor accelerating pump.
Centrifugal pump.
Compressor or pump.
Diaphragm pump.
Double-acting pump.
Double casing pump.
Dual pump.
Electric fuel pump.
Engine fuel pump.
Expansible chamber pump.
Fire extinguishing pump.
Fluid pressure operated pump.
Fluid pump.
Food or like pump.
Fuel injection pump.
Fuel projection pump.
Fuel pump.
Gas lift pump.
Gear pump.
High pressure pump.
Hydraulic gear pump.
Hydraulic pump.
Hydraulic water pump.
Hydrostatic pump.
Impeller pump.
Internal gear pump.
Interruption injection pump.
Laminated gear pump.
Liquid measuring pump.
Liquid pressure actuated pump.
Liquid pump.
Measuring pump.
Metering pump.
Mud pump.
Multiple cylinder pump.
Offset rotary vane pump.
Oil well casing pump.
Oil well pump.
Oscillating pump.
Portable hand - operated pump.
Positive displacement pump.
Radial pump.
Reciprocating pump.
Reversible hydraulic pump.
Rotary pump.
Rotary water pump.
Single-action high-speed multicylinder pump.
Slush pump.
Submersible pump.
Surgical pump.
Thermotic pump.
Vacuum pump.
Vane pump.
Variable delivery vane pump.
Variable stroke pump.
Variable volume pump.
Variable volume rotary pump.
Water pump.
Well pump.

Pump. H. E. Adams. 2,347,386; Apr. 25.
Pump. H. E. Adams. 2,362,954; Nov. 14.
Pump. J. B. Brennan. 2,344,964; Mar. 28.
Pump. T. E. Brinton. 2,357,075; Aug. 29.
Pump. H. C. Brugger. 2,356,738; Aug. 29.
Pump. K. W. Crossman. 2,363,653; Nov. 28.
Pump. D. N. Evans. 2,362,365; Nov. 7.
Pump. W. E. Geissler. 2,340,265; Jan. 25.
Pump. W. Gerrard and W. Harris. 2,340,525; Feb. 1.
Pump. L. L. Green. 2,341,985; Feb. 15.
Pump. W. W. Grover. 2,348,679; May 9.
Pump. W. C. Hess. 2,358,275; Sept. 12.
Pump. A. G. Horvath. 2,354,265; July 25.
Pump. C. C. Jetter. 2,350,898; June 6.
Pump. H. W. Johnstone. 2,360,139; Oct. 10.
Pump. J. F. Joy. 2,349,280; May 23.
Pump. C. O. J. Montelius. 2,361,146; Oct. 24.
Pump. C. W. Mott. 2,358,528; Sept. 19.
Pump. W. P. Munk. 2,339,748; Jan. 18.
Pump. A. A. Orr. 2,355,748; Aug. 15.
Pump. A. Rappl. 2,342,068; Feb. 15.
Pump. C. Roose and T. E. Jackson. 2,340,020; Jan. 25.
Pump. L. C. Rotter and V. G. Klein. 2,348,151; May 2.
Pump. L. C. Rotter, V. G. Klein, and R. F. Schneller. 2,341,125; Oct. 24.
Pump. T. H. Sarchet. 2,345,220; Mar. 28.
Pump. A. W. Say. 2,361,153; Oct. 24.
Pump. M. O. Schreiter. 2,362,411; Nov. 7.
Pump. C. W. Smith. 2,342,906; Feb. 29.
Pump. E. A. Stalker. 2,344,835; Mar. 21.
Pump. A. J. Stepanoff. 2,343,486; Mar. 7.
Pump. J. E. Stevens. 2,355,928; Aug. 15.
Pump. E. J. Svenson. 2,341,196; Feb. 8.
Pump. A. J. Thompson. 2,353,373; July 11.
Pump. T. H. Thompson. 2,349,773; May 23.
Pump. W. F. Thompson. 2,360,085; Oct. 10.
Pump. B. A. Tripp. 2,363,162; Nov. 21.
Pump adjusting means, Swash plate. J. T. Gondek. 2,341,768; Feb. 15.
Pump anchor mechanism. C. E. Bridwell. 2,356,208; Aug. 22.
Pump and compressor, Rotary P. D. Brewster. 2,346,915; Aug. 29.
Pump and control means therefor. S. Schnell. 2,349,310; May 23.
Pump and gas lift, Surface controlled combination. G. A. Hunnason. 2,338,767; Jan. 11.
Pump and motor, Fluid. A. H. Neuland. 2,353,780; June 18.
Pump and pressure control valving therefor, Rotary hydraulic. G. M. Magrum and H. L. Chisholm, Jr. 2,340,196; Jan. 25.
Pump and siphon system, Combined. P. Gavin. 2,363,312; Nov. 21.
Pump and the like. J. W. Tucker. 2,364,111; Dec. 5.
Pump and valve, Combined water. M. W. Bowen. 2,353,871; July 18.
Pump assemblage. E. M. Pfauser. 2,348,412; May 9.
Pump assemblies, Manufacturing. W. P. Hill. 2,358,711; Sept. 19.
Pump assembly, Fluid operated. C. J. Coberly. 2,338,903; Jan. 11.
Pump assembly, Submerged booster. R. R. Curtis and R. J. Schroeder. 2,361,747; Oct. 31.
Pump, compressor, motor or the like. O. B. Ljungdahl. 2,338,721; Sept. 19.
Pump computor, Dispensing. D. E. Bench and M. A. Crosby. 2,365,329; Dec. 19.
Pump control mechanism. F. P. Davis. 2,356,306; Aug. 22.
Pump feed oilcan. G. Lidseen. 2,340,479; Feb. 1.
Pump for delivering measured volumes of liquid under pressure. K. O. Ainslie and H. F. Wedge. 2,360,093; Oct. 10.
Pump for internal combustion engines, Fuel injection. L. Beck. 2,357,870; Sept. 12.
Pump for internal-combustion engines, Fuel injection. B. Bolli and H. Bek. 2,361,817; Oct. 31.
Pump for oil wells and the like, Gas operated. W. E. Green. 2,342,855; Feb. 29.
Pump for pasty masses, as concrete. F. Hell. 2,338,112; Jan. 4.
Pump for pumping water, oil, or other liquids from wells and the like. L. J. Le Fevre. 2,365,281; Dec. 19.
Pump for washing machines. W. A. Frantz. 2,357,644; Sept. 5.
Pump impeller. J. Kuttner. 2,362,703; Nov. 14.
Pump mechanism. W. H. Wineman. 2,365,234; Dec. 19.
Pump of the liquid ring type, Compression or depression. R. L. Dardelet. 2,344,396; Mar. 14.
Pump or compressor. G. R. Meador. 2,353,965; July 18.
Pump or motor, Power transmission. K. R. Herman. 2,345,975; Apr. 4.
Pump or motor, Rotary. B. E. Fanning. 2,359,903; Oct. 10.
Pump or motor, Variable capacity. P. D. Brewster. 2,346,916; Aug. 29.
Pump piston. J. W. Kelly. 2,362,139; Nov. 7.
Pump pressure limiting device. R. R. Curtis. 2,343,752; Mar. 7.
Pump priming system. A. G. Sheppard. 2,347,973; May 2.
Pump shaft seal assembly. E. F. Wichorek. 2,365,146; Dec. 12.
Pump shell for dredging, Section lined. M. F. Crawford. 2,365,058; Dec. 12.
Pump shock absorber. J. L. Saulsberry. 2,359,389; Oct. 3.
Pump stroke varying structure. W. Ernst. 2,346,254; Apr. 11.
Pump system. C. Jacuzzi. 2,354,811; Aug. 1.
Pump unit. W. L. Dunn and F. C. Rankin. 2,342,183; Feb. 22.
Pump unit for spray or jet devices. A. M. Martin. 2,362,081; Nov. 7.
Pumping and feeding mechanism for mixing machines. E. G. Berg and M. Ovestrud. 2,350,715; June 6.
Pumping and separating apparatus, Gas and liquid. P. S. Morgan. 2,350,061; May 30.
Pumping and siphoning system for liquids, Combined. P. J. Gavin. 2,363,312; Nov. 21.
Pumping apparatus. H. H. Burton. 2,360,038; Oct. 10.
Pumping apparatus. J. T. Hayward. 2,362,750; Nov. 14.
Pumping device. J. J. Pelonch. 2,364,550; Dec. 5.
Pumping means. J. L. Creveling. 2,344,287; Mar. 14.
Pumping mechanism. R. L. Anderson. 2,359,960; Oct. 10.
Pumping mechanism. C. E. Bridwell. 2,356,207; Aug. 22.
Pumping mechanism. C. E. Bridwell. 2,361,989; Nov. 7.
Pumping, Method and apparatus for. A. G. Bodine, Jr. 2,355,618; Aug. 15.
Pumping system. J. E. Armstrong and J. E. Piccardo. 2,344,958; Mar. 28.
Pumping system. W. B. Reeves and E. L. Utsinger. 2,347,751; May 2.
Pumping system, Fuel. R. B. Curtis. 2,357,174; Aug. 29.
Pumping unit. B. Henderson. 2,358,974; Sept. 26.
Pumping unit, Oil well. F. A. Gruetjen. 2,348,004; May 2.
Pumps, Balancing rotary. G. H. Zenner and H. F. Yendall. 2,340,787; Feb. 1.
Punch. D. A. Benner. 2,357,306; Sept. 5.
Punch. F. Constantino. 2,341,976; Feb. 15.
Punch. F. B. Graham. 2,348,380; May 9.
Punch. R. E. Valentine. 2,359,699; Oct. 3.
Punch, Adjustable processing. A. A. Campbell. 2,338,095; Jan. 4.
Punch and die. C. L. Beard. 2,348,875; May 16.
Punch and die assembly. L. V. and S. A. Whistler. 2,364,834; Dec. 12.
Punch and die assembly, Perforating. L. V. and S. A. Whistler. Re. 22,422; Jan. 18.
Punch and die assembly. L. V. and S. A. Whistler. 2,362,039; Nov. 7.
Punch and die mechanism for forming knockouts. L. V. and S. A. Whistler. 2,350,004; May 30.
Punch and dies and retainer for same, Interchangeable. D. V. Stellin. 2,364,401; Dec. 5.
Punch and stripper, Hydraulic. O. Mueller. 2,353,488; July 11.
Punch, Can. A. Hurd. 2,361,689; Oct. 31.
Punch, Coupon. J. Curtis. 2,340,937; Feb. 8.
Punch jig, Pneumatic. R. Kennedy and C. L. Hill. 2,342,867; Feb. 29.
Punch mounting. J. A. Smith. 2,362,032; Nov. 7.
Punch, Multiple. W. D. Lewis. 2,348,925; Apr. 18.
Punch, Multiplying. H. P. Mixer. 2,344,626; Mar. 21.
Punch, Pin. H. P. Miller. 2,365,425; Dec. 19.
Punch, Precision prick. C. Houghton. 2,354,862; Aug. 1.
Punch press. L. E. Aske. 2,346,719; Apr. 18.
Punch press. L. Hermani. 2,361,657; Oct. 31.
Punch press die. E. H. Ruder. 2,359,682; Oct. 3.
Punch press guard. N. S. Miller. 2,347,606; Apr. 25.
Punch press safety device. E. O. White. 2,360,904; Oct. 24.
Punch press set. C. L. Fairbanks. 2,365,461; Dec. 19.
Punching and feeding device. B. Meltner. 2,350,140; Sept. 26.
Punching and fixing device for saw blades in saw frames, Combined. B. J. Brunzell. 2,364,423; Dec. 5.
Punching and reinforcing device. H. J. Greene. 2,353,232; July 11.
Punching apparatus. S. S. Stine and E. H. Beswick. 2,365,977; Dec. 26.
Punching apparatus and method. G. F. Wales. 2,355,765; Aug. 15.
Punching apparatus, Sheet material. G. F. Wales. 2,355,344; Aug. 8.
Punching machine. R. B. Johnson. 2,343,414; Mar. 7.
Punching machine. G. F. Wales. 2,364,011; Nov. 28.
Punching machine. T. J. Watson. 2,362,037; Nov. 7.
Punching machine, Automatic. I. Ghertman. 2,364,207; Dec. 5.
Punching mechanism. W. F. Leonhart. 2,359,226; Sept. 26.
Puncture seal tube. J. J. Harts. 2,342,580; Feb. 22.
Puncture sealing composition and manufacture thereof. L. A. Hall. 2,357,650; Sept. 5.
Puncture sealing inner tubes, Making. E. Eger. 2,338,235; Jan. 4.
Purification of p-phenetidine. C. L. Richardson, Jr. 2,365,493; Dec. 19.
Purification of sugar juices. C. J. Peterson. 2,348,846; May 16.
Purifier and oil separating apparatus. C. R. Waseige. 2,344,068; Mar. 14.

Purifier, Lubricant. C. A. Winslow and L. L. Moore. 2,345,849; Apr. 4.
Purifying solutizer solutions. J. G. Wilson. 2,351,467; June 13.
Purse, Coin. N. H Swanson. 2,361,716; Oct 31.
Purse, Garter. E. C. Bronson. 2,340,451; Feb. 1.
Purse, handbag or the like. A. P. Coolbroth. 2,353,222; July 11.
Purse structure. O. Kominik. 2,344,310; Mar. 14.
Purse, Wrist attached. F. P. Cortese. 2,352,473; June 27.
Push button mechanism for tuning radio receivers. C. Metcalfe and H. J. Parrish. 2,351,443; June 13.
Push button operating mechanism for permeability tuning purposes. M. J. Kirk. 2,344,091; Mar. 14.
Push rake and stacker, Combined. P. E. Carter. 2,351,104; June 13.
Pusher. S. B. Martin. 2,351,220; June 13.
Pusher. S. B. Martin. 2,362,494; Nov. 14.
Pusher. S. B. Martin. 2,363,889-90; Nov. 28.
Pusher mechanism for tractors. A. Lentz. 2,356,600; Aug. 22.
Pusher ram for coke ovens. H. Koppers. 2,354,030; July 18.
Push-pull amplifier. V. M. Cousins. 2,338,410; Jan. 4.
Push-pull circuit. J. A. Worcester, Jr. 2,350,858; June 6.
Push-pull control, Flexible. G. A. Gillen. 2,348,121; May 2.
Putty. F. W. Andrews. 2,346,408; Apr. 11.
Putty, Nonsettling. A. D. Covert. 2,344,130; Mar. 14.
Puzzle. W. Ashworth. 2,347,020; Apr. 18.
Puzzle. W. R. Irwin. 2,353,037; July 4.
Pyrazolone salts of sulphonamides. M. Dohrn and P. Diedrich. 2,345,385; Mar. 28.
Pyrethrum extract, Purifying. L. D. Goodhue and H. L. J. Haller. 2,358,392; Sept. 19.
Pyridine-amine-salts of para-amino-benzoic acid and making same. S. M. Gordon and F. Kipnis. 2,356,996; Aug. 29.
Pyridine and compounds and the manufacture thereof. K. Westphal. 2,349,318; May 23.
Pyridine carboxylic acid. A. T. Hawkinson and A. A. Elston. 2,347,410; Apr. 25.
Pyridine-4,5-dicarboxylic acid compounds, Manufacture of. W. Salser and H. Henecka. 2,345,633; Apr. 4.
Pyrimidine compounds. R. R. Williams and J. K. Cline. 2,350,263-5; May 30.
Pyrimidine condensation products, Manufacture of. R. Purrmann. 2,345,215; Mar. 28.
Pyrogen-free urogastrone, Preparation of. J. S. Gray. 2,357,103; Aug. 29.
Pyrolysis. J. G. Lichty. 2,351,346; June 13.
Pyrolysis of wood and product of the same, Partial. A. H. White. 2,360,604; Oct. 17.
Pyrometer apparatus. E. I. Shobert, II. 2,341,295; Feb. 8.
Pyrotechnic compositions. G. J. Schladt. 2,362,502; Nov. 14.
Pyrrole, Separation of. P. J. Cole, C. R. Clark, and J. W. Waldron. 2,350,447; June 6.
Quaternary ammonium compounds. W. Hentrich, W. Kaiser, and W. Reuss. 2,356,587; Aug. 22.
Quaternary ammonium compounds, Complex. J. M. Tinker and A. L. Linch. 2,359,884; Oct. 10.
Quaternary ammonium derivatives. A. L. Linch. 2,359,862; Oct. 10.
Quaternary compounds. E. A. Mauersberger. 2,357,598; Sept. 5.
Quaternary nitrogen condensation products of methylol urea ethers. H. J. West. 2,344,934; Mar. 21.
Quenched electric oscillation generator. T. D. Parkin. 2,353,493; July 11.
Quenching apparatus. H. E. Somes. 2,355,184; Aug. 8.
Quick-acting clamp. O. V. Malmquist. 2,362,707; Nov. 14.
Quick-change structure for boring bars. E. R. Danielson. 2,362,053; Nov. 7.
Quick disconnect coupling. M. P. Graham. 2,340,119; Jan. 25.
Quick disconnect coupling. J. R. Snyder and A. Townhill. 2,357,232; Aug. 29.
Quick-release holder. R. E. Birdsall. 2,355,049; Aug. 8.
Quick release magazine catch. J. B. Smith. 2,338,740; Jan. 11.
Quiet-ratcheting jaw clutch. O. H. Banker. 2,348,717; May 16.
Quill feeding and adjusting means therefor. J. Verderber. 2,358,954; Sept. 26.
Quinazoline azo compounds. J. B. Dickey. 2,364,351; Dec. 5.
Quinoline substituted dihydropyridines. A. P. Phillips and L. O. Randall. 2,359,329; Oct. 3.
Quinone, Collecting. C. F. Gibbs. 2,342,538; Feb. 22.
Quinones, Preparation of. C. F. Gibbs. 2,343,768; Mar. 7.
Race starting apparatus. B. V. Ogden. 2,341,473; Feb. 8.
Raceways. Method of and apparatus for generating arcuate. E. B. Anderson. 2,352,753; July 4.
Racing arena and photographing apparatus. R. A. Oswald. 2,348,841; May 16.
Rack: *See*—
Adjustable broiler grid holding rack.
Anodizing rack.
Apparel rack.
Belt rack.
Bicycle parking rack.
Bomb rack.
Bomb releasing rack.
Bottle disposal rack.
Bottle rack.
Carving rack.
Clothes drying rack.
Cooking rack.
Display rack.
Door rack.
Drying rack.
Empty-bottle rack.
Extensible rack.
File rack.
Film developing rack.
Film rack.
Knife rack.
Linoleum rack.
Necktie rack.
Phonograph record rack.
Plating rack.
Poker chip rack.
Price card rack.
Record rack.
Supporting rack.
Sweep rack.
Tool rack.
Tray rack.
Tree-type display rack.
Rack. W. J. Fishel. 2,341,432; Feb. 8.
Rack. R. P. and F. L. Lorey. 2,348,398; May 9.
Rack. C. F. Rauen and G. Forhan. 2,346,703; Apr. 18.
Rack and tree, Combined shoe. M. W. Gano, Jr. 2,340,463; Feb. 1.
Rack, Cylinder. H. E. Helgis. Re. 22,507; June 27.
Rack for dip coating sheetlike material. M. I. Dorfan. 2,344,855; Mar. 21.
Rack for photo-templates, Storage. L. L. Pierce. 2,348,414; May 9.
Rack for roving frames, Roll. A. M. Guillet. 2,355,797; Aug. 15.
Rack for test tubes and the like. E. Putter. 2,360,978; Oct. 24.
Rack inserting mechanism. W. F. Brügmann. 2,343,043; Feb. 29.
Rack mechanism. C. J. Grimth. 2,346,424; Apr. 11.
Rack repairing mechanism. W. F. Brügmann. 2,343,044; Feb. 29.
Racket, Strengthened playing. H. W. Hall. 2,339,393; Jan. 18.
Radial engine. P. W. Winter. 2,361,727; Oct. 31.
Radial flow turbine. U. Meininghaus. 2,344,100; Mar. 14.
Radial precision tapping machine. H. F. Bakewell. 2,345,318; Mar. 28.
Radial pump. R. W. Glasner and E. K. Johansen. 2,356,993; Aug. 29.
Radiant energy controlled device. O. T. Francis. 2,349,715; May 23.
Radiant energy locating system. H. Orner. 2,349,370; May 23.
Radiant heat treating and apparatus therefor. I. J. Barber. 2,354,658; Aug. 1.
Radiant heater. W. S. Bowen. 2,354,100; July 18.
Radiation pyrometer. T. R. Harrison. 2,357,193; Aug. 29.
Radiator. D. P. Wilson. 2,357,156; Aug. 29.
Radiator, Directive. H. Buchholz. 2,343,531; Mar. 7.
Radiator, Hollow space. W. Dällenbach. 2,349,942; May 30.
Radiator, Horn. M. Katzin. 2,362,561; Nov. 14.
Radiator, Nonfreezing. M. S. Smith. 2,365,497; Dec. 19.
Radiator surge tank. J. W. Helney. 2,343,145; Feb. 29.
Radiator tube end. H. R. Heavener. 2,346,376; Apr. 11.
Radiator tubes and product thereof, Joining. W. B. Clifford. 2,343,402; Mar. 7.
Radiator vent valve. E. A. Davies. 2,338,495; Jan. 4.
Radioactivity logging. D. Silverman. 2,362,164; Nov. 7.
Radio and like tube socket and shield means. S. M. Del Camp. 2,358,491; Sept. 19.
Radio alarm system. E. S. Purington. 2,353,499; July 11.
Radio antenna. A. T. Mace. 2,360,248; Oct. 10.
Radio antenna. G. Snyder. 2,344,425; Mar. 14.
Radio beacon, visual type. F. W. Dunmore and F. G. Kear. 2,348,730; May 16.
Radio cable. R. Herzog, A. Wiessner, R. Hintze, and F. Gutzmann. 2,342,736; Feb. 29.
Radio circuit. C. B. Watts, Jr. 2,340,352; Feb. 1.
Radio communication by means of polarization modulation. G. L. Usselman. 2,357,439; Sept. 5.
Radio communication, System of. E. H. Ullrich. 2,350,702; June 6.
Radio communication, Two-way. G. W. Gilman. 2,363,583; Nov. 28.
Radio control system and multiple circuit switch. E. F. McDonald, Jr. 2,346,177; Apr. 11.
Radio direction finder. P. B. Taylor. 2,361,436; Oct. 31.
Radio direction finder, Self-orienting. W. L. Carlson and R. S. Bond. 2,360,810; Oct. 17.
Radio direction indicator system. W. P. Lear. 2,365,347; Dec. 19.
Radio equipment and assembly. S. H. M. Dodington. 2,343,284; Mar. 7.
Radio instruction key. J. A. Blackman. 2,341,591; Feb. 15.
Radio monitoring system. W. van B. Roberts. 2,361,653; Oct. 31.
Radio navigation. D. G. C. Luck. 2,364,731; Dec. 12.
Radio range. D. G. C. Luck. 2,343,196; Feb. 29.
Radio range. D. G. C. Luck. 2,350,284; May 30.
Radio range. D. G. C. Luck. 2,362,651; Nov. 14.
Radio range. L. E. Norton. 2,364,748; Dec. 12.
Radio range equipment, Automatic miniature. G. C. Melvin and S. B. White. 2,352,216; June 27.

Radio range visualizing device. W. J. Chapman. 2,338,703; Jan. 11.
Radio receiver. S. H. M. Dodington. 2,357,442; Sept. 5.
Radio receiver. J. V. Fill. 2,347,315; Apr. 25.
Radio receiver. J. E. Maynard. 2,341,937; Feb. 15.
Radio receiver. E. F. McDonald, Jr. 2,361,953; Nov. 7.
Radio receiver. L. J. A. van Lieshout. 2,347,977; May 2.
Radio receiver, Amplitude- and frequency-modulation. C. T. McCoy. 2,354,959; Aug. 1.
Radio receiver, Battery. M. G. Nicholson, Jr. 2,364,238; Dec. 5.
Radio receiver circuit. D. E. Noble. 2,343,115; Feb. 29.
Radio receiver system. J. I. Davis and H. B. Saunders. 2,353,111; July 4.
Radio receiver system. P. C. Sandretto. 2,362,958; Nov. 14.
Radio receiver tone control circuit. E. L. Clark. 2,361,602; Oct. 31.
Radio recorder, Multiple. J. T. Potter. 2,342,167; Feb. 22.
Radio recorder, Multiple unit. J. T. Potter. 2,344,562; Mar. 21.
Radio relay control system. J. E. Smith. 2,345,951; Apr. 4.
Radio remote control receiver. R. S. Tice. 2,356,364; Aug. 22.
Radio shielded engine ignition. R. H. Stone. 2,342,768; Feb. 29.
Radio signaling. J. G. Chaffee. 2,363,571; Nov. 28.
Radio system for landing aircraft. H. P. Williams. 2,344,070; Mar. 14.
Radio telegraph multiplex system. W. H. Bliss. 2,365,450; Dec. 19.
Radio telegraph reception. C. W. Earp. 2,358,448; Sept. 19.
Radio telephone system, Two-way. J. F. McDonald and H. B. Martin. 2,341,224; Feb. 8.
Radio tube with flattened elements. A. Binneweg, Jr. 2,343,849; Mar. 7.
Radio tuner, Antomatic. A. S. Wells. 2,350,543; June 6.
Radio tuning mechanism. W. P. Lear. 2,344,825; Mar. 21.
Radio with vacuum chamber. A. Binneweg, Jr. 2,354,908; Aug. 1.
Radiographic apparatus, Industrial. C. E. Boucher. 2,360,036; Oct. 10.
Radiographs, Making industrial. J. G. Schneeman. 2,354,358; Aug. 22.
Radiographs, Method and apparatus for making. C. E. Boucher. 2,340,923; Feb. 8.
Radiography, Compounds for use in. W. H. Strain, J. T. Platt, and S. L. Warren. 2,346,231; May 9.
Radiological exploration systems. A. M. Cravath and G. L. Hassler. 2,361,274; Oct. 24.
Radiological method of logging wells. M. M. Albertson. 2,352,993; July 4.
Radiological method of surveying wells. M. M. Albertson. 2,339,129; Jan. 11.
Radiometeorograph receiving relay apparatus. J. R. MacKay. 2,364,066; July 18.
Radiometeorograph transmitting apparatus. C. F. Wallace. 2,347,160; Apr. 18.
Radiometeorograph transmitting apparatus. C. F. Wallace. 2,347,345; Apr. 25.
Radium-luminescent material, Method and apparatus for applying. M. R. Saxby. 2,346,929; May 16.
Radius and tangential surface grinding wheel dresser. S. J. Kopec. 2,345,821; Apr. 4.
Radius grinder. W. F. Stephenson. 2,347,016; Apr. 25.
Rafter, Arched wooden. J. F. Blaski. 2,342,916; Feb. 29.
Rafter seat. P. De Huff. 2,354,801; Aug. 1.
Rail bonding apparatus. C. A. Cadwell. 2,360,758; Oct. 17.
Rail brake. C. H. Nordberg. 2,356,080; Aug. 15.
Rail clamp. F. K. Holmested. 2,360,230; Oct. 10.
Rail clamp. D. Rich. 2,344,368; Mar. 14.
Rail fastener. M. L. Myer. 2,353,253; July 11.
Rail fastening. W. S. Boyce and M. L. Cantrell. 2,357,498-9; Sept. 5.
Rail fastening. M. L. Cantrell and F. S. Shray. 2,357,629; Sept. 5.
Rail fastening. M. L. Cantrell and O. A. Hed. 2,357,808; Sept. 12.
Rail fastening. V. Retterath. 2,350,819; June 6.
Rail flaw detecting unit. W. C. Barnes and H. W. Keevil. 2,356,968; Aug. 29.
Rail joint. J. L. Wagner, H. J. Socoloskie, and W. A. Lustawsky. 2,345,691; Apr. 4.
Rail-lifting device. K. Allderige. 2,353,381; July 11.
Railroad car hand brake. R. W. Burnett. 2,363,293; Nov. 21.
Railroad car truck. K. F. Nystrom and V. L. Green. 2,350,567; June 6.
Railroad, Narrow gauge. B. R. Habel. 2,347,683; May 2.
Railroad passenger car truck. K. F. Nystrom and V. L. Green. 2,347,362; Apr. 25.
Railroad safety device. D. Guerrero. 2,364,785; Dec. 12.
Railroad track equipment. H. Fuller. 2,349,259; May 23.
Railway brake. N. Flesch. 2,359,731; Oct. 10.
Railway brake. N. Flesch. 2,364,021; Nov. 28.
Railway brake. C. E. Tack. 2,343,342; Mar. 7.
Railway brake. C. E. Tack. 2,363,453; Nov. 21.
Railway brake gear support. E. J. Ellis. 2,355,962; Aug. 15.
Railway brake gear support. H. M. Van Sweringen. 2,356,018; Aug. 15.
Railway braking apparatus. J. W. Logan, Jr. 2,345,488; Mar. 28.
Railway car. E. G. Goodwin. 2,346,376; May 9.
Railway car. P. Parke, R. Cunningham, and L. A. Luthermann. 2,364,094; Dec. 5.
Railway car bolster suspension. W. R. Elsey. 2,344,034; Mar. 14.
Railway car construction. A. G. Bancroft. 2,359,077; Sept. 26.
Railway car side door. G. G. Gilpin. 2,344,506; Mar. 21.
Railway car side door. K. F. Nystrom. 2,340,014; Jan. 25.
Railway car side door lock. K. F. Nystrom. 2,358,025; Sept. 12.
Railway car truck. W. R. Elsey. 2,344,033; Mar. 14.
Railway car truck. P. Parke. 2,347,500; Apr. 25.
Railway crossing. J. V. Houston and B. R. Habel. 2,346,377; Apr. 11.
Railway crossing. T. A. Ratkowski. 2,354,880; Aug. 1.
Railway crossing gate. H. S. Brown and S. T. Comfort. 2,352,310; June 27.
Railway dump car. C. P. Astrom. 2,359,602; Oct. 3.
Railway journal box. R. J. Brittain, Jr. 2,349,073; May 16.
Railway journal box lubricator. J. J. Hennessy. 2,359,643; Oct. 3.
Railway passenger car. J. W. Patton. 2,340,839; Feb. 1.
Railway signal apparatus. P. N. Bossart. 2,344,283; Mar. 14.
Railway signal system. F. H. Nicholson. 2,362,204; Nov. 7.
Railway signaling apparatus, Coded. A. L. Jerome. 2,357,235; Aug. 29.
Railway signaling apparatus, Coded. C. E. Staples. 2,357,234; Aug. 29.
Railway signaling system. G. R. Pflasterer. 2,344,824; Mar. 14.
Railway signaling system. C. E. Staples and H. G. Blosser. 2,363,094; Nov. 21.
Railway signaling system. H. A. Thompson. 2,357,236; Aug. 29.
Railway signaling system. T. W. Tinsard, Jr. 2,341,343; Feb. 8.
Railway signaling system. W. F. Zane and G. W. Baughman. 2,364,840; Dec. 12.
Railway sleeping car. J. K. Tully and B. E. Jones. 2,364,595; Dec. 5.
Railway switch operating apparatus. H. L. Bone. 2,348,707; May 16.
Railway tie remover. C. W. Henricks. 2,339,399; Jan. 18.
Railway track circuit apparatus. N. F. Agnew and P. N. Martin. 2,347,533; Apr. 25.
Railway track lubricating apparatus. T. E. Rodman and H. G. Warr. 2,355,241; Aug. 8.
Railway traffic controlling apparatus. G. W. Baughman. 2,360,034; Oct. 10.
Railway traffic controlling apparatus. G. A. Culbertson. 2,360,208; Oct. 10.
Railway traffic controlling apparatus. R. M. Laurenson. 2,347,833; May 2.
Railway traffic controlling apparatus. P. N. Martin. 2,362,212; Nov. 7.
Railway traffic controlling apparatus. R. A. McCann. 2,354,602; July 25.
Railway traffic controlling apparatus. J. M. Pelikan. 2,351,540; June 13.
Railway traffic controlling apparatus. J. M. Pelikan. 2,354,062; July 18.
Railway traffic controlling apparatus. J. M. Pelikan. 2,365,837; Dec. 26.
Railway traffic controlling apparatus. F. W. Pfieging. 2,352,800; July 4.
Railway traffic controlling apparatus. V. P. Shepardson. 2,350,699; June 6.
Railway traffic controlling apparatus. C. B. Shields. 2,349,680; May 23.
Railway traffic controlling apparatus. P. P. Stoker. 2,364,926; Dec. 12.
Railway traffic controlling apparatus. H. A. Thompson. 2,362,678; Nov. 14.
Railway traffic controlling apparatus. J. J. Van Horn. 2,344,323; Mar. 14.
Railway traffic controlling apparatus. J. J. Van Horn. 2,344,573; Mar. 21.
Railway traffic controlling apparatus. J. J. Van Horn. 2,357,240; Aug. 29.
Railway traffic controlling apparatus. H. C. Vantassel. 2,345,580; May 9.
Railway traffic controlling apparatus. H. A. Wallace. 2,352,298; June 27.
Railway traffic controlling apparatus. H. S. Young. 2,350,705; June 6.
Railway truck. G. F. Couch. 2,347,463; Apr. 25.
Railway truck. A. C. Davidson. 2,352,693; July 4.
Railway truck. W. H. Meyer and E. C. Jackson. 2,344,521; Mar. 21.
Railway truck. H. M. Pflager and E. C. Jackson. 2,344,522; Mar. 21.

Railway truck structure. C. F. Frede. 2,354,309; July 25.
Railway truck structure. H. M. Pflager. 2,365,728-4; Dec. 26.
Railway vehicle. I. N. Eustis, J. Boyce, and J. C. Olsen. 2,346,370; Apr. 11.
Railway vehicle. T. R. Gilchrist. 2,349,545; May 23.
Railway vehicle and brake assembly. J. C. Travilla, Jr., and R. C. Jackson. 2,352,129; June 20.
Railway vehicle body and radial truck assembly. J. C. Travilla, Jr. 2,349,568; May 23.
Railway vehicle construction. W. F. Holin. 2,342,864; Feb. 29.
Railway vehicle structure. J. C. Travilla, Jr. 2,352,039; June 20.
Railway vehicle truck. F. L. Alben and B. F. Langer. 2,349,601; May 23.
Railway wheel. G. Sembdner. 2,338,977; Jan. 11.
Rail wheel. I. V. Troutman. 2,364,110; Dec. 5.
Rails for model railways, Making. D. E. Priest. 2,356,695; Aug. 22.
Raising and lowering mechanism. H. Cohen. 2,344,390; Mar. 14.
Rake. W. Connolly. 2,365,393; Dec. 19.
Rake. E. Swanson. 2,343,033; Feb. 29.
Rake and loader, Hay. M. G. Rabon. 2,341,945; Feb. 15.
Rake and stacker, Combination. O. H. Knarreberg. Re. 22,521; July 25.
Rake, Garden. P. Ales and E. C. Robertson. 2,355,840; Aug. 15.
Ramie and allied fibers, Treatment of. F. A. Svoboda and A. Skolnik. 2,353,947; July 18.
Ramie and other bast fibers, Decorticating. D. E. Patterson. 2,355,999; Aug. 15.
Ramp, Loading. M. E. Wood. 2,353,533; July 11.
Range. H. Moecker, Jr., W. H. Frick, E. M. Meacham, and H. K. White. 2,358,527; Sept. 19.
Range and view finder for cameras, Combined. J. Mihalyi. 2,341,410; Feb. 8.
Range, Cooking. E. A. Rutenber. 2,339,197; Jan. 11.
Range estimating trainer. J. W. Jones. 2,364,720; Dec. 12.
Range finder. J. H. Church. 2,343,279; Mar. 7.
Range finder. W. L. Douden. 2,352,777; July 4.
Range finder and viewer, Stadiametric. F. E. Altman. 2,360,822; Oct. 24.
Range finder for cameras. B. E. Luboshez. 2,358,093; Sept. 12.
Range finder, Telescopic. G. Liebl. 2,344,887; Mar. 21.
Range finder with verticle base, Stereoscopic. W. B. Klemperer. 2,358,646; Sept. 19.
Range frame. J. M. Cook. 2,364,950; Dec. 12.
Range, Gas. J. E. Chambers. 2,361,011; Oct. 24.
Range indicator. N. T. Almquist. 2,339,904; Jan. 25.
Range, Kitchen heating gas. J. F. Hennessy. 2,349,788; May 23.
Range top structure. L. A. Althoff. 2,361,916; Nov. 7.
Rapper mechanism. H. C. Engelman. 2,340,179; Jan. 25.
Rapping device. A. S. Gannone. 2,340,180; Jan. 25.
Rat trap. E. F. Meredith. 2,359,928; Oct. 10.
Ratchet open-ended wrench. C. E. Ashton. 2,343,130; Feb. 29.
Ratchet wrench. M. L. Hawk. 2,341,775; Feb. 15.
Ratchet wrench. W. R. Taylor. 2,356,362; Sept. 19.
Rate control for tuning fork oscillators. M. S. Mead, Jr. 2,346,984; Apr. 18.
Rate control system, Selective. H. R. Crago. 2,339,618; Jan. 18.
Ratio determining device. J. J. Shively. 2,345,184; Mar. 28.
Ratio meter. R. D. Hickok. 2,346,683; Apr. 18.
Ratiometer, Electric. E. C. Klepp. 2,357,524; Sept. 5.
Ratio transmission mechanism, Variable. F. B. Halford. 2,352,478; June 27.
Ration stamp cutter. G. M. Brewton, A. C. Andrews, and F. C. Silva. 2,347,249; Apr. 25.
Rattle. A. Zadek. 2,364,581; Dec. 5.
Raw aluminates of lime in water and recovering alumina from such solutions, Dissolving. J. C. Seailles. 2,356,626; Aug. 22.
Raw-state preserving process and composition. J. H. Beatty. 2,364,614; Dec. 12.
Rayon knitting yarns, Setting twist in. A. C. Goodings and L. H. Turl. 2,340,051; Jan. 25.
Rayon, Manufacture of. A. L. Jackson. 2,338,721-2; Jan. 11.
Rayon, Manufacture of. T. Koch. 2,345,345; Mar. 28.
Rayon, Manufacture of. A. J. L. Moritz, A. L. Jackson, and G. I. Thurmond. 2,346,096; Apr. 18.
Rayon, Manufacture of. J. J. Polak. 2,348,415; May 9.
Rayon, Manufacture of bobbin spun. A. L. Jackson. 2,338,723; Jan. 11.
Rayon, Production of wool-like. G. Heberlein. 2,356,518; Aug. 22.
Rayon yarn, Treatment of. F. W. Mattinson and R. Hoffman. 2,351,865; June 20.
Razor. R. P. Harshberger. 2,362,998; Nov. 21.
Razor. N. A. Holsclaw. 2,360,679; Oct. 17.
Razor, Adjustable. R. Morelli. 2,342,291; Feb. 22.
Razor and blade holder. J. J. Kowalski. 2,350,467; June 6.
Razor and blade, Safety. J. Muros. 2,363,894; Nov. 28.
Razor and blade, Safety. L. H. Young. 2,356,193; Aug. 22.
Razor and magazine, Safety. J. Muros. 2,361,239; Oct. 24.
Razor and magazine, Safety. J. Muros. 2,365,582; Dec. 19.
Razor blade. J. A. Guimond. 2,364,525; Dec. 5.
Razor blade and manufacturing the same, Safety. J. Muros. 2,365,581; Dec. 19.
Razor blade holder. E. Olszewski. 2,353,062; July 4.
Razor blade holder. E. M. Perkins. 2,357,601; Sept. 5.
Razor blade hone. H. Fillman. 2,342,480; Feb. 22.
Razor blade, Safety. J. Muros. 2,362,498; Nov. 14.
Razor blade, Safety. J. Muros. 2,364,236; Dec. 5.
Razor blade sharpening device, Safety. W. A. Smith. 2,360,079; Oct. 10.
Razor blade sharpening holder. M. Jaume. 2,349,734; May 23.
Razor blade stack. L. Kuhnl. 2,357,208; Aug. 29.
Razor blades, Packaging. R. Nadeau. 2,346,044; Apr. 4.
Razor for dry shaving, Safety. F. J. Mehl. 2,360,785; Oct. 17.
Razor, Hone type safety. J. C. Friel. 2,359,028; Sept. 26.
Razor, Magazine safety. J. Muros. 2,352,112; June 20.
Razor, Magazine safety. J. Muros. 2,359,327; Oct. 3.
Razor, Magazine safety. J. Muros. 2,363,610; Nov. 28.
Razor, Magazine safety. N. Testi. 2,338,880; Jan. 11.
Razor, Magazine safety. N. Testi. 2,352,813; July 4.
Razor, Magazine safety. N. Testi. 2,359,807; Oct. 10.
Razor, One-piece safety. G. Lenta. 2,343,913; Mar. 14.
Razor, Reciprocating safety. V. T. Van Slyke. 2,355,830; Aug. 15.
Razor, Safety. R. L. Albert. 2,361,921; Nov. 7.
Razor, Safety. J. R. Ayotte. 2,348,590; May 9.
Razor, Safety. O. C. Bowers. 2,359,198; Sept. 26.
Razor, Safety. J. De Swart. 2,347,595-6; Apr. 25.
Razor, Safety. H. R. Hodge. 2,343,217; Feb. 29.
Razor, Safety. J. C. Flickinger. 2,348,892; May 16.
Razor, Safety. H. La Vine. 2,358,579; Sept. 19.
Razor, Safety. F. J. Lewando. 2,343,307; Mar. 7.
Razor, Safety. F. J. Lewando. 2,361,216; Oct. 24.
Razor, Safety. H. Miller. 2,345,492; Mar. 28.
Razor, Safety. W. L. Mills. 2,362,765; Nov. 14.
Razor, Safety. G. Monnet. 2,356,173; Aug. 22.
Razor, Safety. J. Muros. 2,361,410; Oct. 31.
Razor, Safety. J. Muros. 2,363,608-9; Nov. 28.
Razor, Safety. J. Muros and N. Testi. 2,342,160-1; Feb. 22.
Razor, Safety. J. F. C. Przybysz. 2,350,816; June 6.
Razor, Safety. J. F. C. Przybysz. 2,362,851; Nov. 14.
Razor, Safety. H. N. Schjotz. 2,342,558; Feb. 22.
Razor, Safety. S. C. Stampleman and N. Testi. 2,363,449; Nov. 21.
Razor, Safety. L. H. Swann and J. P. Bowen. 2,353,599; July 11.
Razor, Safety. N. Testi. 2,343,243; Mar. 7.
Razor, Safety. N. Testi. 2,356,188; Aug. 22.
Razor, Safety. N. Testi. 2,364,251; Dec. 5.
Razor, Self-sharpening safety. J. B. Brockhurst. 2,353,142; July 11.
Reactance controlled generator. H. C. Lawrence. 2,350,171; May 30.
Reactance system. H. M. Bach. 2,361,731; Oct. 31.
Reactance tube. W. Van B. Roberts. 2,351,368; June 13.
Reactance tube modulation. M. G. Crosby. 2,349,811; May 30.
Reaction between solids and gases. W. K. Lewis. 2,343,780; Mar. 7.
Reaction chamber. D. L. Campbell and G. B. Cook. 2,340,930; Feb. 8.
Reaction chamber. W. K. Lewis and E. R. Gilliland. 2,357,901; Sept. 12.
Reaction of acrylamide with cellulose. L. H. Rock and A. L. Houk. 2,338,631; Jan. 4.
Reaction of formaldehyde with acrylonitrile and product. J. F. Walker. 2,352,671; July 4.
Reaction of hydrocarbons. O. N. Miller. 2,348,017; May 2.
Reaction products, Rubber-amine. F. C. Bersworth. 2,364,186; Dec. 5.
Reaction propelling device with supercharged engine. R. Anxionnaz and R. Imbert. 2,356,557; Aug. 22.
Reaction testing mechanism. C. C. Bennett. 2,353,213; July 11.
Reactor. H. W. Lord. 2,363,881; Nov. 28.
Reactor. A. U. Welch, Jr. 2,358,675; Sept. 19.
Reactor. W. D. Yerrick, S. Holm, and A. Jensen. 2,355,024; Aug. 1.
Reactor tube. B. M. Becker. 2,354,640; July 25.
Reactor with separator of entrained solids from gases. G. S. Dunham. 2,357,255; Aug. 29.
Reactor, Wound core. L. W. Foster. 2,359,102; Sept. 26.
Reading attachment for beds. C. D. Burton. 2,359,895; Oct. 10.
Reading stand. C. K. Ku. 2,354,998; Aug. 1.
Reagent feeder. J. H. Ellis and L. B. Stark. 2,345,332; Mar. 28.
Reagent for testing for acetone. A. Galat. 2,362,478; Nov. 14.
Reamer. G. I. Eagleson. 2,365,943; Dec. 26.
Reamer. S. Frishette. 2,355,965; Aug. 15.
Reamer. J. V. Howe. 2,342,143; Feb. 22.
Reamer. W. J. Wachowitz. 2,343,824; Mar. 7.
Reamer, Adjustable. J. Archer. 2,352,508; June 27.

Reamer, Adjustable. W. C. Broga. 2,361,379; Oct. 31.
Reamer, Adjustable. W. C. Broga and W. A. Schaich. 2,359,296; Oct. 3.
Reamer, Expanding. S. Welsby and C. Burton. 2,364,259; Dec. 5.
Reaming device. P. F. Rossmann. 2,365,648; Dec. 19.
Rear axle mounting for excavating and load handling machines. R. H. Zellman. 2,339,539; Jan. 18.
Rear axle vehicle, Chain-driven tandem. J. G. Holstrom and W. M. Brown. 2,346,164; Apr. 11.
Rear luggage compartment lock. R. H. Wise. 2,339,537; Jan. 18.
Rear view mirror, Adjustable. J. Quintile. 2,357,720; Sept. 2.
Rear vision device. L. H. Brown. 2,338,488; Jan. 4.
Rear vision device. W. A. Orlowsky. 2,359,706; Oct. 3.
Rear wheel mounting for plows. W. R. Frank. 2,353,659; July 18.
Re-arming tool. A. H. Haberstumpp. 2,359,842; Oct. 10.
Receiver, Ash. W. F. Conran. 2,343,750; Mar. 7.
Receiver, Modulated carrier wave. A. D. Blumlein and W. H. Connell. 2,340,730; Feb. 1.
Receiver system, Superregenerative. M. G. Crosby. 2,363,651; Nov. 28.
Receiver, Telemetering. R. G. Jewell. 2,345,936; Apr. 4.
Receiving apparatus for train control systems. R. K. Crooks. 2,352,687; July 4.
Receiving circuit for telegraph signaling systems. J. R. Davey. 2,343,753; Mar. 7.
Receptacle: *See*—
Ash receptacle.
Cigarette receptacle.
Disconnect plug receptacle.
Dispensing receptacle.
Display rack, oil saver, and waste can receptacle.
Fiberboard reecptacle.
Flexible pocket receptacle.
Food storage receptacle.
Grass receptacle.
Plant receptacle.
Stick receptacle.
Storage receptacle.
Receptacle. P. H. Burre. 2,349,238; May 23.
Receptacle. L. H. Burlin. 2,351,597; June 20.
Receptacle. J. Hassenfeld. Re. 22,417; Jan. 11.
Receptacle. P. S. Hauton and J. W. Marlin. 2,361,840; Oct. 31.
Receptacle. J. D. Hoffman and H. J. Fey. 2,339,336; Jan. 18.
Receptacle. C. A. Kuhne. 2,360,351; Oct. 17.
Receptacle. N. Leebov. 2,345,486; Mar. 28.
Receptacle. J. Lipet. 2,341,930; Feb. 15.
Receptacle. D. W. Molins and F. F. Ruau. 2,351,867; June 20.
Receptacle. J. J. Morgan. 2,352,994; July 4.
Receptacle. R. M. Morey. 2,361,047; Oct. 24.
Receptacle and closure means therefor. O. L. Pearson. 2,353,582; July 11.
Receptacle and junction box and units, Insulated. W. M. Parker. 2,352,913; July 4.
Receptacle closure. A. Cantor and H. A. Shelanski. 2,364,126; Dec. 5.
Receptacle closure. J. N. Page. 2,349,985; May 30.
Receptacle conveying and unloading apparatus. B. D. Titus and C. C. Blaine. 2,341,125; Feb. 8.
Receptacle cover. A. Ottesen. 2,344,894; Mar. 21.
Receptacle filling machine. W. H. Weeden. 2,347,858; May 2.
Receptacle for caustic alkali. I. E. Muskat. 2,354,824; Aug. 1.
Receptacle opening and pouring spout. R. T. Embrey. 2,350,451; June 6.
Receptacle support. W. Trogman. 2,365,312; Dec. 19.
Receptacles, Manufacture of rectangular restricted opening sheet metal. J. H. Gonda. 2,356,457; Aug. 22.
Reception of frequency modulated waves. O. Irslinger. 2,349,966; May 30.
Reception of frequency modulated waves. H. Tunick. 2,362,000; Nov. 7.
Receptivity of sheet materials to coatings, inks, and the like, Determining the. B. W. Rowland, D. Frommuller, and J. A. Van den Akker. 2,353,852; July 18.
Reciprocating and rotary motion, Mechanism for the interconversion of. Z. D. Ruben. 2,364,099; Dec. 5.
Reciprocating pump. D. Arras. 2,354,980; Aug. 1.
Reciprocating pump. J. Zwicky. 2,349,784; May 23.
Reclining chair. L. C. Travers. 2,346,629; Apr. 11.
Reclining seat for passenger vehicles. K. F. Nystrom. 2,351,698; June 20.
Reclosing circuit breaker system. M. E. Reagan. 2,342,521; Feb. 29.
Reclosing circuit-interrupting device. R. H. Stotenbur. 2,348,034; May 2.
Recoil absorber for firearms. M. Uts. 2,344,752; Mar. 21.
Recoil apparatus. W. Summerbell and R. H. Mason. 2,352,233; June 27.
Recoil check and barrel accelerator for automatic weapons. S. G. Green. 2,362,996; Nov. 21.
Recoil mechanism. V. F. Lucht. 2,358,340; Sept. 19.
Recoil mechanism. C. Simpson. 2,364,103; Dec. 5.
Reconnaissance instrument. E. L. Hartley, Jr. 2,361,839; Oct. 31.
Record. R. W. Sears, II. Re. 22,468; Apr. 4.
Record. R. W. Sears, II. 2,353,369; July 11.
Record card container. R. B. Johnson. 2,355,299; Aug. 8.
Record changer for phonographs. J. L. Morrison. 2,343,992; Mar. 14.
Record changing mechanism, Automatic. F. Kahl. 2,357,520; Sept. 5.
Record controlled computing machine. A. H. Dickinson. 2,361,996; Nov. 7.
Record controlled interpreting machine. J. W. Bryce. 2,343,398; Mar. 7.
Record controlled machine. E. A. Ford. 2,364,202; Dec. 5.
Record controlled machine. W. L. Lewis and M. F. Hayes. 2,338,188; Jan. 4.
Record controlled machine. A. W. Mills. 2,346,269; Apr. 11.
Record controlled machine. R. E. Page. 2,359,670; Oct. 3.
Record controlled perforating apparatus. C. R. Doty. 2,340,800; Feb. 1.
Record controlled perforating apparatus. C. R. Doty and E. J. Rabenda. 2,340,801; Feb. 1.
Record controlled perforating apparatus. A. W. Mills and E. J. Rabenda. 2,346,268; Apr. 11.
Record controlled, sound-reproducing instrument. K. Emde. 2,358,917; Sept. 26.
Record discharge mechanism. F. J. Offen. 2,352,560; June 27.
Record elements, Marking. W. J. Opocensky. 2,345,820; Apr. 4.
Record filing apparatus. H. S. Johns. 2,345,673; Apr. 4.
Record form handling device. W. M. Carroll. 2,342,571; Feb. 22.
Record holder. S. E. Bender. 2,345,230; Mar. 28.
Record keeping apparatus. A. C. Whitmer. 2,362,788; Nov. 14.
Record making and accounting machine. O. J. Sundstrand. 2,358,263; Sept. 12.
Record playing and changing apparatus, Automatic. F. W. Wagner and R. Wilson. 2,348,766; May 16.
Record rack. M. Mitnick. 2,354,672; Aug. 1.
Record reproduction circuit. W. R. Koch. 2,361,634; Oct. 31.
Record reversing mechanism. F. J. Offen. 2,352,563; June 27.
Record sensing device. J. W. Armbruster. 2,353,003; July 4.
Record visualizing device. A. M. Martin. 2,364,640; Dec. 12.
Recordation of the path of movable bodies: J. V. Dunham. 2,362,473; Nov. 14.
Recorder. A. E. Anderson. 2,350,994; June 13.
Recorder. J. B. Mangan. 2,352,907; July 4.
Recorder. H. Olken. 2,339,220; Jan. 18.
Recorder. C. F. Wallace. 2,340,279; Jan. 25.
Recorder, Attendance. L. S. Harrison. 2,338,180; Jan. 4.
Recorder, Automatic aniline point. A. B. Welty, Jr. 2,349,482; May 23.
Recorder control, Telegraph. E. F. Watson. 2,361,073; Oct. 24.
Recorder, Drilling speed. W. L. McLaine. 2,357,051; Aug. 29.
Recorder for collections. H. N. Bliss. 2,346,145; Apr. 11.
Recorder for testing machines. J. Sivertsen. 2,351,574; June 13.
Recorder, Multistylus facsimile. W. G. H. Finch. 2,355,369; Aug. 8.
Recorder punch, Attendance. L. S. Harrison. 2,340,748; Feb. 1.
Recorder, Time and production. P. A. Cooney. 2,344,497; Mar. 21.
Recorder, Train control forestalling. W. B. Wait. 2,346,883; Apr. 18.
Recording and auditing system. L. M. Potts. 2,339,803; Jan. 25.
Recording and computing machine. E. O. Roggenstein. 2,364,758-9; Dec. 12.
Recording and reproducing apparatus. J. J. Shively and H. R. Van Deventer. 2,340,147; Jan. 25.
Recording and reproducing of vibrations. M. Camras and W. Korzon. 2,351,003; June 13.
Recording and reproducing signals. F. C. W. Thiede. 2,353,422; July 11.
Recording and reproducing sound. L. Neumann. 2,343,114; Feb. 29.
Recording and reproducing, Sound. B. A. Proctor and F. C. W. Thiede. 2,359,489; Oct. 3.
Recording apparatus. C. W. Caldwell. 2,353,633; July 18.
Recording apparatus. K. Marrow and H. E. Dostalik. 2,362,758; Nov. 14.
Recording apparatus. J. Walker. 2,346,802; Apr. 18.
Recording apparatus. O. Whittel. 2,364,412; Dec. 5.
Recording apparatus, Photographic. J. W. Bryce. 2,364,188; Dec. 5.
Recording apparatus, Roadway. K. C. Raydon. 2,344,216; Mar. 14.
Recording by direct lithographic printing, sounds impinging on microphones or the like. S. Rey. 2,341,652; Feb. 15.
Recording device. J. W. Bryce. 2,346,251; Apr. 11.
Recording device, Radiotelegraph. A. C. Winter. 2,338,692; Jan. 4.
Recording instrument. A. C. Robertson. 2,358,102; Sept. 12.
Recording instrument, Proportional. H. H. Barnard. 2,358,308; Sept. 19.

Recording instruments, Mounting and adjusting device for. H. H. Barnard. 2,344,199; Mar. 14.
Recording machine. H. H. Barnard. 2,344,200; Mar. 14.
Recording machine. A. W. Mills, E. J. Rabenda, F. J. Furman, and E. J. Keough. 2,355,389; Aug. 8.
Recording machine. R. I. Roth. 2,353,083; July 4.
Recording measuring instrument. G. Swift. 2,351,081; June 13.
Recording mechanism. E. D. Burts. 2,344,675; Mar. 21.
Recording mechanism motor control. R. J. and P. M. Spies. 2,365,140; Dec. 12.
Recording navigation instrument. G. Lowkrantz and E. A. Link, Jr. 2,349,506; May 23.
Recording signals. F. C. W. Thiede. 2,359,061; Sept. 26.
Recording system. R. R. Chappell. 2,348,711; May 16.
Recording weighing scale. L. C. Barnes. 2,339,758; Jan. 25.
Records, Making lasting. P. S. Christaldi, A. Steadman, and D. T. Wilber. 2,345,549; Mar. 28.
Records, Method of and apparatus for making and recreating. L. A. Collins. 2,363,502; Nov. 28.
Records on film, Producing sound. R. Gorisch. 2,356,664; Aug. 22.
Records, Producing sound records in half-wave. C. Becker. 2,342,239; Feb. 22.
Recovering chemicals of sulphate paper pulp, Method and apparatus for. N. A. Lewthwaite. 2,339,998; Jan. 25.
Recovery addition agent and making. G. S. Affleck. 2,362,964; Nov. 21.
Recovery of aluminum bromide catalyst. I. H. Welinsky and M. H. Gorin. 2,348,770; May 16.
Recovery of cyanoacetic acid from aqueous inorganic salt solutions thereof. E. C. Britton and L. F. Berhenke. 2,338,834; Jan. 11.
Recovery of excess glycerine in residue from the preparation of mono- and di-methyl ethers of glycerol. W. P. Bitler and L. Micholl. 2,339,047; Jan. 11.
Recovery of iso-olefin polymers. W. J. Sparks, E. L. Baldeschwieler, and J. V. Sommer. 2,343,810; Mar. 7.
Recovery of valuable hydrocarbons. F. W. Breuer. 2,359,020; Sept. 26.
Rectifier. S. H. M. Dodington. 2,343,285; Mar. 7.
Rectifier and circuit. M. J. Mattheyses. 2,357,418; Sept. 5.
Rectifier and making it, Selenium. J. A. Becker and J. N. Shive. 2,339,613; Jan. 18.
Rectifier and making the same. L. B. Haigh. 2,365,698; Dec. 26.
Rectifier and making the same. M. F. Skinker. 2,359,801; Oct. 10.
Rectifier comprising a cooling plate, Blocking-layer. C. de Lange and C. L. Boncher. 2,345,038; Mar. 28.
Rectifier, Contact. M. Zöhike. 2,340,008; Jan. 25.
Rectifier, Copper oxide. C. C. Hein. 2,342,734; Feb. 29.
Rectifier device, Dry. H. Herrmann. 2,366,588; Aug. 22.
Rectifier, Dry. H. Herrmann. 2,345,122; Mar. 28.
Rectifier for portable radios, Dry plate. C. E. Hamann. 2,353,401; July 11.
Rectifier for voltage duplicating circuits. F. Herriger. 2,348,814; May 16.
Rectifier of the selenium type, Alternating electric current. L. E. Thompson and A. Jenkins. 2,361,157; Oct. 24.
Rectifier or converter for alternating electric currents, Mechanical. S. A. Stevens and A. H. B. Walker. 2,361,155; Oct. 24.
Rectifier system. H. A. Wheeler. 2,347,529; Apr. 25.
Rectifier timing circuit. R. L. Haynes. 2,357,652; Sept. 5.
Rectifier, Waterproof. C. A. Kotterman. 2,343,379; Mar. 7.
Rectifiers, Copper-oxide. C. C. Hein. 2,359,107; Sept. 26.
Rectifiers of the blocking layer type, Manufacture of. C. W. Hewlett. 2,349,622; May 23.
Rectifiers of the selenium type, Manufacture of alternating current. L. E. Thompson and A. Jenkins. 2,361,156; Oct. 24.
Rectifiers, Producing selenium. O. Saslaw. 2,363,555; Nov. 28.
Rectifiers, Protective arrangement for. C. W. Hansell. 2,357,401; Sept. 5.
Rectifying arrangement. C. P. Stocker. 2,364,558; Dec. 5.
Rectifying system. D. E. Trucksess. 2,349,685; May 23.
Rectifying system, Voltage regulated. J. A. Potter. 2,356,209; Aug. 22.
Red litharge, Manufacture of. R. L. Seabury and R. A. Dailey. 2,347,132; Apr. 18.
Reducer, Frequency. H. M. Huge. 2,364,531; Dec. 5.
Reduction gearing apparatus. K. R. Stearns. 2,347,580; Apr. 25.
Reduction mill. W. B. Thurman and E. A. Glynn. 2,360,086; Oct. 10.
Reed and constructing the same. P. F. Boehm. 2,339,139; Jan. 11.
Reed and relay device, Combined. H. W. Appel. 2,357,925; Sept. 12.
Reed for musical instruments. A. Brilhart. 2,342,836; Feb. 29.
Reel: *See*—
Antenna operating reel.
Automatic reel.
Band reel.
Electroplating reel.
Film reel.
Fishing reel.
Hose reel.
Swivelable wire storage reel.
Typewriter reel.
Winding reel.
Reel. J. K. Berry. 2,356,026; Aug. 15.
Reel carrier. J. M. Gordon. 2,338,930; Jan. 11.
Reel construction, Wire. R. K. Hatch. 2,348,904; May 16.
Reel drive mechanism for motion picture projectors. H. C. Wellman and A. C. Brown, 3rd. 2,360,294; Oct. 10.
Reel locking device. E. C. Wink. 2,345,847; Apr. 4.
Reel supporting means. H. C. Fratt. 2,361,189; Oct. 24.
Reeling device. F. H. Bromm. 2,361,258; Oct. 24.
Reeling device. C. S. Roosa. 2,352,737; July 4.
Reeling device. F. J. Wood. 2,366,081; Dec. 26.
Reeling device, Line. D. M. Bardon. 2,364,047; Dec. 5.
Reeling mechanism. F. A. King. 2,363,533; Nov. 28.
Reenforcing bar support. W. P. Awbrey. 2,349,399; May 23.
Re-entrant window for X-ray apparatus. J. H. Findlay. 2,344,543; Mar. 21.
Refacing and reseating tool. E. W. Elliott and O. O. Rothe. 2,349,948; May 30.
Refining fatty materials. L. O. Buxton. 2,345,577; Apr. 4.
Refining metals. J. C. Reinhardt and C. F. Sexton. 2,359,718; Oct. 3.
Refining process. N. F. Myers. 2,340,974; Feb. 8.
Refining sulphur. R. C. Hills. 2,353,959; July 18.
Reflecting button. M. Tabellione. 2,341,960; Feb. 15.
Reflecting device for signs and the like F. A. Best. 2,365,447; Dec. 19.
Reflection from glass, Reduction in. G. L. Dimmick. 2,352,085; June 20.
Reflector. J. B. Dickson. 2,360,480; Oct. 17.
Reflector and mounting therefor. R. C. Gustin. 2,361,287; Oct. 24.
Reflector button. C. D. Ryder. 2,340,988; Feb. 8.
Reflector for headlights. F. R. Dietrich. 2,340,515; Feb. 1.
Reflector, Headlight. F. R. Dietrich. 2,340,516; Feb. 1.
Reflector, Parabolic. R. Boerner. 2,342,721; Feb. 29.
Refractories, Magnesia-containing. R. A. Schoenlaub. 2,364,002; Nov. 28.
Refractories, Making self-insulated. R. A. Schaefer. 2,364,317; Dec. 5.
Refractory composition. R. V. Kleinschmidt and E. Washken. 2,354,757; Aug. 1.
Refractory manufacture. R. H. Hearing. 2,339,233; Jan. 11.
Refractory material and making. O. Hutchins. 2,362,825; Nov. 14.
Refractory material, Conditioned. G. E. Seil. 2,358,107; Sept. 12.
Refractory minerals in revolving-tube furnaces, Melting. G. Zotos. 2,358,903; Sept. 26.
Refractory or insulating material. J. C. McMullen. 2,340,194; Jan. 25.
Refractory zirconia casting. G. S. Fulcher and T. E. Field. 2,352,530; June 27.
Refrigerant composition. R. B. Taylor. 2,339,300; Jan. 18.
Refrigerant control system. H. J. Matteson. 2,363,010; Nov. 21.
Refrigerants and making them. A. F. Benning, F. B. Downing, and R. J. Plunkett. 2,365,516; Dec. 19.
Refrigerated case. F. C. Lowell. 2,348,988; May 16.
Refrigerated display cabinet. W. J. Drucker. 2,346,914; Apr. 18.
Refrigerating apparatus. D. F. Alexander. 2,339,903; Jan. 25.
Refrigerating apparatus. D. F. Alexander, J. R. Hornaday, and A. J. Kuhn. 2,355,040; Aug. 8.
Refrigerating apparatus. G. M. Armstrong. 2,365,373; Dec. 19.
Refrigerating apparatus. G. Catalini. 2,341,595; Feb. 15.
Refrigerating apparatus. C. S. Cody. 2,349,845; May 30.
Refrigerating apparatus. E. Dickey. 2,353,883; July 18.
Refrigerating apparatus. E. Dickey. 2,361,060; Oct. 24.
Refrigerating apparatus. E. D. Drake. 2,343,447; Mar. 7.
Refrigerating apparatus. E. D. Drake. 2,347,090; Apr. 18.
Refrigerating apparatus. E. D. Drake. 2,348,195; May 9.
Refrigerating apparatus. E. D. Drake. 2,358,221; Sept. 12.
Refrigerating apparatus. A. C. Freimann. 2,350,886; June 6.
Refrigerating apparatus. R. S. Gaugler. 2,350,347; June 6.
Refrigerating apparatus. R. S. Gaugler. 2,357,099; Aug. 29.
Refrigerating apparatus. J. L. Gibson. 2,355,289; Aug. 8.
Refrigerating apparatus. R. E. Gould. 2,338,240; Jan. 4.
Refrigerating apparatus. R. E. Gould. 2,364,287; Dec. 5.
Refrigerating apparatus. R. E. Gould and C. F. Henney. 2,338,931; Jan. 11.
Refrigerating apparatus. M. J. Gouloose. 2,339,566; Jan. 18.

Refrigerating apparatus. M. J. Goulooze. 2,345,665; Apr. 4.
Refrigerating apparatus. M. J. Goulooze. 2,348,379; May 23.
Refrigerating apparatus. M. J. Goulooze. 2,349,419–20; May 9.
Refrigerating apparatus. A. O. Grooms. 2,346,837; Apr. 18.
Refrigerating apparatus. A. O. Grooms. 2,351,038; June 13.
Refrigerating apparatus. E. L. Horlacher. 2,344,145; Mar. 14.
Refrigerating apparatus. J. R. Hornaday. 2,341,781; Feb. 15.
Refrigerating apparatus. H. B. Hull. 2,362,698; Nov. 14.
Refrigerating apparatus. A. A. Kucher. 2,344,706; Mar. 21.
Refrigerating apparatus. A. A. Kucher, A. A. McCormack, and G. W. Wolcott. 2,354,865; Aug. 1.
Refrigerating apparatus. L. U. Larkin. 2,354,131; July 18.
Refrigerating apparatus. R. Loewy. 2,341,183; Feb. 8.
Refrigerating apparatus. H. Lutes and J. J. Bussell. 2,342,743; Feb. 29.
Refrigerating apparatus. A. A. McCormack. 2,343,514; Mar. 7.
Refrigerating apparatus. A. A. McCormack. 2,353,347; July 11.
Refrigerating apparatus. A. A. McCormack. 2,361,854–5; Oct. 31.
Refrigerating apparatus. C. C. Melke. 2,338,953; Jan. 11.
Refrigerating apparatus. W. L. Morrison. 2,356,781; Aug. 29.
Refrigerating apparatus. G. Muffly. 2,349,367; May 23.
Refrigerating apparatus. F. Ophuls and D. T. O'Neil. 2,359,379; Oct. 3.
Refrigerating apparatus. A. J. Pedigo. 2,346,184; Apr. 11.
Refrigerating apparatus. L. A. Philipp. 2,345,714; Apr. 4.
Refrigerating apparatus. L. A. Philipp. 2,361,792; Oct. 31.
Refrigerating apparatus. P. H. Preble. 2,339,944; Jan. 25.
Refrigerating apparatus. D. H. Reeves. 2,343,581; Mar. 7.
Refrigerating apparatus. E. F. Schweller. 2,341,123; Feb. 8.
Refrigerating apparatus. N. J. Smith. 2,357,362; Sept. 5.
Refrigerating apparatus. N. J. Smith. 2,362,729; Nov. 14.
Refrigerating apparatus. W. W. Williams. 2,356,638; Aug. 22.
Refrigerating apparatus, Absorption. W. G. Kögel. 2,340,834; Oct. 24.
Refrigerating apparatus and reclaiming refrigerant, Reconditioning. H. M. Elsey. 2,341,429–30; Feb. 8.
Refrigerating cabinet. G. D. Reinhardt. 2,347,642; May 2.
Refrigerating machine. D. C. Rinehart and A. A. Ralston. 2,359,790; Oct. 10.
Refrigerating mechanism. G. Muffly. 2,359,780; Oct. 10.
Refrigerating mechanism. P. H. Thompson. 2,363,705; Nov. 28.
Refrigerating system. F. Y. Carter. 2,346,469; Apr. 11.
Refrigerating system. E. O. Errath. 2,346,017; Apr. 4.
Refrigerating system. A. Katsow. 2,350,115; May 30.
Refrigerating system. W. A. Ray. 2,355,894; Aug. 15.
Refrigerating system. F. O. Urban. 2,359,595; Oct. 3.
Refrigerating system. O. Zehnder. 2,340,034; Jan. 25.
Refrigerating system, Mechanical. R. W. Waterfill. 2,341,182; Feb. 8.
Refrigeration. P. P. Anderson, Jr. 2,338,223; Jan. 4.
Refrigeration. P. P. Anderson, Jr. 2,363,381; Nov. 21.
Refrigeration. S. W. E. Andersson. 2,349,396; May 23.
Refrigeration. J. H. Beach. 2,340,408; Feb. 1.
Refrigeration. H. K. Bergholm. 2,363,771; Nov. 28.
Refrigeration. F. R. Bichowsky. 2,345,651; Apr. 4.
Refrigeration. M. E. Bixler. 2,363,385; Nov. 21.
Refrigeration. G. M. Blomqvist and S. F. Torstensson. 2,348,596; May 9.
Refrigeration. G. A. Brace. 2,345,453–4; Mar. 28.
Refrigeration. C. C. Coons. 2,340,414; Feb. 1.
Refrigeration. C. C. Coons. 2,345,461; Mar. 28.
Refrigeration. C. C. Coons. 2,352,472; June 27.
Refrigeration. C. C. Coons. 2,363,399–400; Nov. 21.
Refrigeration. F. A. Grossman. 2,344,245; Mar. 14.
Refrigeration. W. T. Hedlund. 2,342,860; Feb. 29.
Refrigeration. H. Y. Jennings, F. W. Schouman and W. P. Sweeney. 2,342,670; Feb. 29.
Refrigeration. S. A. Larsson. 2,356,068; Aug. 15.
Refrigeration. W. L. McGrath. 2,356,261; Aug. 22.
Refrigeration. C. Miller. 2,352,798; July 4.
Refrigeration. C. A. Miller. 2,357,340; Sept. 5.
Refrigeration. R. C. Osborn. 2,350,249; May 30.
Refrigeration. R. C. Osborn. 2,363,434–5; Nov. 21.
Refrigeration. V. C. Patterson. 2,351,700; June 20.
Refrigeration. H. B. Pownall. 2,344,214; Mar. 14.
Refrigeration. F. M. Rayer. 2,344,922; Mar. 21.
Refrigeration. T. K. Sherwood. 2,338,265; Jan. 4.
Refrigeration. T. K. Sherwood. 2,354,884; Aug. 1.
Refrigeration. T. K. Sherwood. 2,357,431; Sept. 5.
Refrigeration. A. C. Shuart. 2,360,286; Oct. 10.
Refrigeration. A. D. Siedle. 2,345,505; Mar. 28.
Refrigeration. A. D. Siedle. 2,348,960; May 16.
Refrigeration. A. D. Siedle. 2,363,446–7; Nov. 21.
Refrigeration. S. F. Soling and H. B. Pownall. 2,344,215; Mar. 14.
Refrigeration. W. W. Soroka. 2,357,612; Sept. 5.
Refrigeration. A. R. Thomas. 2,347,757; May 2.
Refrigeration. A. R. Thomas. 2,352,814; July 4.
Refrigeration. A. R. Thomas. 2,353,859; July 18.
Refrigeration. B. W. Waterfill. 2,363,273; Nov. 21.
Refrigeration. J. F. Winkler. 2,352,581; June 27.
Refrigeration apparatus. W. B. Anderson. 2,360,189; Oct. 10.
Refrigeration apparatus. J. H. Ashbaugh. 2,346,641; Apr. 18.
Refrigeration apparatus. R. T. Brizzolara. 2,354,497; July 25.
Refrigeration apparatus. C. Buhler. 2,348,784; May 16.
Refrigeration apparatus. E. E. Kruck. 2,341,924; Feb. 15.
Refrigeration apparatus. C. H. MacFarland. 2,359,137; Sept. 26.
Refrigeration apparatus. G. S. McCloy. 2,351,139–40; June 13.
Refrigeration apparatus. E. C. Tanner. 2,341,961–2; Feb. 15.
Refrigeration apparatus. V. V. Torbeasen. 2,340,780; Feb. 1.
Refrigeration apparatus. R. H. Tull. 2,365,786; Dec. 26.
Refrigeration apparatus. E. S. Wegman. 2,365,231; Dec. 19.
Refrigeration apparatus. O. H. Yoxsimer. 2,338,889; Jan. 11.
Refrigeration apparatus, Absorption. J. N. Both and R. E. Schurts. 2,339,812; Jan. 25.
Refrigeration, Control of. A. B. Newton. 2,349,671; May 23.
Refrigeration control system. A. B. Newton. 2,357,758; Sept. 5.
Refrigeration method and apparatus. R. T. Brizzolara. 2,354,496; July 25.
Refrigeration, Method and apparatus for. G. W. Russell, Jr. 2,359,794; Oct. 10.
Refrigeration process, Control of. W. L. McGrath. 2,364,459; Dec. 5.
Refrigeration units, Forming. W. E. McCullough and A. L. Goldsmith. 2,359,928; Oct. 10.
Refrigerator. C. G. Beersman. 2,347,985; May 2.
Refrigerator. W. E. Borgerd, J. Johnsen, and L. H. Ilinkel. 2,346,287; Apr. 11.
Refrigerator. W. R. Hainsworth. 2,338,284; Jan. 4.
Refrigerator. C. K. Iwashita. 2,363,530; Nov. 28.
Refrigerator. M. Lucklesh. 2,339,065; Jan. 11.
Refrigerator. H. H. Rosebrook. 2,353,361; July 11.
Refrigerator. J. N. Roth. 2,339,816; Jan. 25.
Refrigerator. T. W. Rundell. 2,352,345; June 27.
Refrigerator. C. Steenstrup. 2,349,121; May 16.
Refrigerator, Absorption. J. N. Roth. 2,339,811; Jan. 25.
Refrigerator, Absorption. J. N. Roth. 2,339,812; Jan. 25.
Refrigerator, Absorption. J. N. Roth. 2,339,817; Jan. 25.
Refrigerator and dispenser, Beverage. C. E. Quinn. 2,342,221; Feb. 22.
Refrigerator box. J. H. Orley. 2,360,514; Oct. 17.
Refrigerator cabinet. J. H. Ashbaugh. 2,343,166; Feb. 29.
Refrigerator cabinet. D. E. Heath. 2,348,812; May 16.
Refrigerator cabinet construction. C. R. Ford. 2,346,566; Apr. 11.
Refrigerator cabinet construction. W. R. Howard. 2,363,591; Nov. 28.
Refrigerator cabinet construction. R. W. Hull. 2,338,194; Jan. 4.
Refrigerator cabinet construction. O. H. Yoxsimer. 2,341,200; Feb. 8.
Refrigerator cabinets, Testing. H. M. Elsey. 2,345,387; Mar. 28.
Refrigerator car. G. G. Gilpin. 2,350,605; June 6.
Refrigerator car construction. C. D. Bonsall. 2,338,993; Jan. 11.
Refrigerator car heater. G. R. Benz. 2,357,575; Sept. 5.
Refrigerator construction. C. R. Quinn. 2,348,645; May 9.
Refrigerator, Continuous absorption. J. N. Roth. 2,339,814; Jan. 25.
Refrigerator control device. F. W. Hottenroth, Jr. 2,351,908; June 20.
Refrigerator control system. J. N. Roth. 2,354,705; Aug. 1.
Refrigerator latch. W. O. Burke. 2,342,250; Feb. 22.
Refrigerator of the continuous type, Absorption. E. W. Wiese. 2,361,075; Oct. 24.
Refrigerator shelves, Manufacturing. C. R. Carney. 2,350,875; June 6.
Refrigerator with distilled water dispenser, Household. E. B. Kasold. 2,341,872; Feb. 15.
Regeneration of spent alkylation acids. O. C. Slotterbeck. 2,345,506; Mar. 28.
Regeneration of spent treating solutions. A. E. Harneberger. 2,354,974; Aug. 1.

Regeneration of telegraph signals. W. A. Anderson. 2,363,276; Nov. 21.
Regeneration stabilization circuit. J. A. Rankin. 2,360,794; Oct. 17.
Regenerative detector circuit. H. E. Thomas. 2,345,511; Mar. 28.
Regenerative soaking pit furnace. J. W. Carter and A. R. Rowe. 2,351,661; June 20.
Regional analgesia, Apparatus for. N. R. James and H. A. Talley. 2,345,875; Apr. 4.
Register. S. Hilder. 2,362,033; Nov. 14.
Register control system. F. H. Gulliksen. 2,349,656; May 23.
Register, Demand. P. G. Adams and M. W. Axman. 2,347,016; Apr. 18.
Register device. S. Axelrod. 2,349,070; May 16.
Register indicator. H. Kott. 2,361,549; Oct. 31.
Register setting device. W. J. Hanson and F. W. Heyel. 2,339,852; Jan. 25.
Register translator or like device. D. L. Heptinstall. 2,355,437; Aug. 8.
Registering device for printing. W. L. McCarter. 2,351,274; June 13.
Registering device in the manufacture of paper boxes. J. S. Stokes. 2,362,168; Nov. 7.
Registering system. H. F. May, G. L. Bush, and E. Frischknecht. 2,343,989; Mar. 14.
Registration control appartaus. M. Sorkin. 2,348,862; May 16.
Regrinding machine, Connecting rod. S. A. Gerbig. 2,365,068; Dec. 12.
Regulating apparatus. L. K. Hedding. 2,346,487; Apr. 11.
Regulating apparatus. W. H. Smith. 2,340,994; Feb. 8.
Regulating apparatus for boilers, Feed water. W. L. Hunter. 2,365,061; Dec. 12.
Regulating apparatus for gas turbine plants. O. Zweifel. 2,365,616; Dec. 19.
Regulating circuit. F. E. Crever and J. L. Stratton. 2,363,857; Nov. 28.
Regulating circuit. A. Fisher. 2,363,856; Nov. 28.
Regulating device. F. C. Reggio. 2,364,817; Dec. 12.
Regulating device for watches. F. Marti. 2,340,677; Feb. 1.
Regulating means for engines, Fuel and air. T. R. Arden. 2,353,430; July 11.
Regulating system. H. Bany. 2,364,936; Dec. 12.
Regulating system. G. E. King and R. A. Geiselman. 2,340,060; Jan. 25.
Regulating system. J. G. Linn. 2,341,505; Feb. 8.
Regulating the rate of fire of automatic firearms. G. Ironside. 2,363,966; Nov. 28.
Regulating valve. W. H. Du Bois. 2,365,531; Dec 19.
Regulator: *See*—
Accelero-tachometric regulator.
Antibuzz fluid pressure regulator.
Antibuzz regulator.
Atmospheric air flow regulator.
Attenuation regulator.
Automatic boiler feed regulator.
Automatic speed regulator.
Bottom hole regulator.
Cable tension regulator.
Compressor regulator.
Dial damper regulator.
Draft regulator.
Electric regulator.
Electrically operated window regulator.
Fluid pressure regulator.
Fluid regulator.
Frequency and voltage regulator.
Gas regulator.
Generator regulator.
Generator voltage regulator.
Headlight regulator.
Induction voltage regulator.
Loading regulator.
Machine tool tracer regulator.
Motor operated automatic regulator.
Motor speed regulator.
Power operated window regulator.
Pressure regulator.
Roll pressure regulator.
Speed regulator.
Step-voltage regulator.
Temperature regulator.
Thick stock regulator.
Two-stage regulator.
Voltage regulator.
Regulator. S. W. E. Andersson. 2,356,556; Aug. 22.
Regulator. K. L. Tate, W. H. Vogt, and R. E. Clarridge. 2,361,885; Oct. 31.
Regulator and choke in combination, Button hole. A. Boynton. 2,352,612; July 4.
Regulator auxiliary. J. Segel. 2,351,156; June 13.
Regulator for airplane cabins, Supercharger. H. Jde. 2,350,896; June 6.
Regulator for automotive generators. W. J. Rady. 2,348,263; May 9.
Regulator for brake rigging. J. J. McBride, E. R. Schroeder, and V. Willoughby. 2,339,022; Jan. 11.
Regulator for engines, Pneumatic speed. C. E. Bonnier. 2,365,384; Dec. 19.
Regulator for orchard heaters, Draft. W. C. Scheu. 2,341,819; Feb. 15.
Regulator for pneumatic tires, Pressure. A. Boynton 2,357,807; Sept. 12.
Regulator for presses and the like, Pressure. H. A. Sedgwick. 2,344,114; Mar. 14.
Regulator set, Damper. M. H. Fossum. 2,362,623; Nov. 14.
Regulator system. P. G. Bowman. 2,360,102; Oct. 10.
Rehearsal system for sound motion pictures. M. E. Collins. 2,350,727; June 6.
Rein-pull recorder. F. Du P. Ammen. 2,341,534; Feb. 15.
Reinforced concrete construction. J. M. Crom. 2,342,181; Feb. 22.
Reinforced garment bag. A. F. Ziegler. 2,338,390; Jan. 4.
Reinforced insulator pin. E. A. Mack. 2,345,404; Mar. 28.
Reinforced plastic cutter. E. Preece. 2,359,675; Oct. 3.
Reinforced rubber structures. A. Hershberger. 2,360,946; Oct. 24.
Reinforcement and molded article containing the same. F. H. Mackenzie. 2,349,975; May 30.
Reinforcing for brake blocks. C. Hollerith. 2,350,039; May 30.
Reinforcing material. S. M. Griswold. 2,341,713; Feb. 15.
Reinforcing means for piston rings. T. A. Bowers. 2,346,899; Apr. 18.
Reinforcing rim and making it. A. B. Wilson. 2,342,715; Feb. 29.
Relative motion rotative mechanism. R. B. Davids. 2,349,848; May 30.
Relay. H. E. Bucklen, Jr. 2,339,676; Jan. 18.
Relay. H. E. Bucklen. 2,342,527; Feb. 22.
Relay. W. W. Eitel and J. A. McCullough. 2,360,941; Oct. 24.
Relay. O. S. Field. 2,360,664; Oct. 17.
Relay. R. H. Gumley. 2,361,542; Oct. 31.
Relay. W. D. Hailes and W. M. Barker. 2,346,751; Apr. 18.
Relay. R. M. Heintz. 2,348,541; May 9.
Relay. C. Huetten. 2,356,791; Aug. 29.
Relay. R. G. Lafite. 2,358,648; Sept. 19.
Relay. A. L. W. Williams. 2,365,738; Dec. 26.
Relay. F. A. Zupa. 2,351,730; June 20.
Relay circuit. A. H. Lamb. 2,340,668; Feb. 1.
Relay circuit. A. H. Lamb. 2,346,589; Apr. 11.
Relay construction. E. G. Baker. 2,339,610; Jan. 18.
Relay contact, Shockproof. L. L. Fountain. 2,365,541; Dec. 19.
Relay control system. M. E. Reagan. 2,343,423; Mar. 7.
Relay, Detachable. H. J. Nichols and H. L. Tholstrup. 2,348,088; May 2.
Relay, Electrical. N. F. Agnew. 2,350,663; June 6.
Relay, Overload. G. C. Armstrong. 2,347,018; Apr. 18.
Relay, Overload. M. E. Berman. 2,356,373; Aug. 22.
Relay, Single-ground-fault-detecting. W. K. Sonnemann. 2,354,152; July 18.
Relay, Thermosensitive. G. L. Pearson. 2,339,029; Jan. 11.
Releasable joinder lock. M. I. Williamson. 2,354,726; Aug. 1.
Release for window regulators, Emergency. R. H. Dean, F. A. Cooley and H. L. Kegler. 2,350,156. May 30.
Release hitch, Cushion. G. Den Besten. 2,358,217; Sept. 12.
Release hitch, Safety. G. Den Besten. 2,358,216; Sept. 12.
Release means. J. V. Dyrr. 2,358,496; Sept. 19.
Release mechanism for broach pulling chucks. B. Welte. 2,338,989; Jan. 11.
Release, Overload. W. R. Spiller. 2,362,592; Nov. 14.
Release valve device. J. N. Good. 2,358,634; Sept. 19.
Releasing mechanism for fabric shearing machines, Automatic shear. A. Andreotto. 2,342,508; Feb. 22.
Relief valve. H. E. Balsiger. 2,359,017; Sept. 26.
Relief valve. G. J. Henry. 2,353,306; July 11.
Relief valve. E. Klafstad. 2,355,916; Aug. 15.
Relief valve. A. L. Parker. 2,351,873; June 20.
Relief valve. G. E. Pasco. 2,360,816; Oct. 17.
Relief valve. M. C. Randall. 2,358,101; Sept. 12.
Relief valve. R. Sheppard. 2,361,881; Oct. 31.
Relief valve for fuel tanks. A. L. Parker. 2,351,874; June 20.
Relieving machine. E. A. Overstedt. 2,360,576; Oct. 17.
Remote control. F. E. Bartholy. 2,363,285; Nov. 21.
Remote control and indicating system. A. Sukodorf. 2,347,523; Apr. 25.
Remote control and supervisory system. G. A. Burns. 2,344,231; Mar. 14.
Remote control apparatus. F. M. Schmidt, and G. G. Smith. 2,346,238; Apr. 11.
Remote control apparatus. F. M. Schmidt and G. G. Smith. 2,348,312; May 9.
Remote control apparatus. R. Stevenson and A. W. Keema. 2,344,473; Mar. 14.
Remote-control apparatus employing polarized electromagnetic radiation. E. H. Land. 2,362,832; Nov. 14.
Remote-control device. C. V. Kooms. 2,361,774; Oct. 31.
Remote control mechanism. R. T. McClelland. 2,365,284; Dec. 19.
Remote control mechanism. P. B. Reeves. 2,355,587; Aug. 8.
Remote control relay. W. F. Woodin. 2,348,432; May 9.
Remote control system. E. M. Allen. 2,361,445; Oct. 31.
Remote control system. G. W. Baughman and N. F. Agnew. 2,341,261; Feb. 8.
Remote control system. G. W. Baughman and N. F. Agnew. 2,350,668; June 6.
Remote control system. K. H. Blomberg, C. L. P. Broome, F. A. Dahlgren, A. G. Johansson, and R. O. Lundholm. 2,357,995; Sept. 12.

Remote control system. F. V. Brown. 2,363,479; Nov. 28.
Remote control system. A. N. Goldsmith. 2,345,472; Mar. 28.
Remote control system. C. J. Hull and F. H. Osborne. 2,338,853; Jan. 11.
Remote control system. A. B. Miller. 2,339,872; Jan. 25.
Remote control system. A. B. Miller. 2,343,419; Mar. 7.
Remote control system. F. H. Shepard, Jr. 2,362,412; Nov. 7.
Remote control system for radio receivers and the like. M. L. Thompson. 2,357,237; Aug. 29.
Remote controller. L. J. Andres. 2,344,914; Mar. 21.
Remote indicator. L. W. Chubb. 2,359,085; Sept. 26.
Remote position indicator. A. H. Wolfers. 2,354,902; Aug. 1.
Remote reading electric indicator gauge. L. A. M. Corset. 2,353,148; July 11.
Remote-reading specific-gravity indicator. J. L. Woodbridge. 2,354,847; Aug. 1.
Removable bulldozer attachment bracket. C. D. Forte. 2,346,567; Apr. 11.
Removable core lock. H. G. Voight. 2,347,802; May 2.
Removable fuse plug. H. F. Johns. 2,351,816; June 20.
Removable gas lift unit. R. G. Taylor, Jr. 2,361,718; Oct. 31.
Removable hood. H. F. Stiffler. 2,353,769; July 18.
Removable sanitary pipe coupling. H. W. Cheney. 2,353,012; July 4.
Removable tire cover. H. L. Hollis. 2,348,256; May 9.
Removable tread block. K. B. Kilborn. 2,362,638; Nov. 14.
Removal of silica from nonmetallic ores by froth flotation. E. J. Maust and C. A. Hollingsworth. 2,343,221; Feb. 29.
Remover, Bottle cap. C. H. Cowan, Jr. 2,347,734; May 2.
Remover for paint, varnish, and the like. L. V. Steck. 2,346,622; Apr. 11.
Removing a continuous film of material from the surface of drying drums, Method and apparatus for. G. N. Harcourt and C. O. Lavett. 2,352,195; June 27.
Removing bark from logs. M. L. Edwards. 2,342,533; Feb. 22.
Removing tar and pitch tips from wool. J. Nusslein and R. Gutensohn. 2,340,977; Feb. 8.
Rendering materials water-repellent. A. Müller. 2,345,142; Mar. 28.
Renewable fuse plug. E. P. Brus. 2,355,622; Aug. 15.
Rennet, Manufacture of. B. D. Thornley and S. Hilton. 2,352,037; June 20.
Rennin compositions, Preparing a. H. L. Keil. 2,339,931; Jan. 25.
Repair device. J. W. Shields. 2,354,069; July 18.
Repair device for chairs. J. H. Boye. 2,363,041; Nov. 21.
Repair device for leaky tire inflation valves. D. R. Lehman. 2,342,056; Feb. 15.
Repair tool. A. M. Long. 2,341,278; Feb. 8.
Repairing and air bag. C. O. Bryant. 2,338,620; Jan. 4.
Repairing and for preventing cracks in metal castings. C. A. Jensen. 2,361,106; Oct. 24.
Repeater, Double regenerative. L. M. Potts. 2,358,100; Sept. 12.
Repeater for weft replenishing looms. V. H. Jennings. 2,363,594; Nov. 28.
Repeater, Impulse. H. G. Evers and G. Elliott. 2,348,198; May 9.
Repeater, Impulse. K. W. Pfleger. 2,344,633; Mar. 21.
Repeater mechanism for weft replenishing looms. W. H. Wakefield. 2,363,629; Nov. 28.
Repeater, Radio. H. E. Goldstine. 2,344,813; Mar. 21.
Repeater system. G. Kiner. 2,342,586; Feb. 22.
Repeater, Telegraph. V. R. Tolen. 2,345,953; Apr. 4.
Replaceable liner construction for mud pumps. J. P. Wham and J. Zumeta. 2,345,370; Mar. 28.
Reproducer, Sound. E. Schiller. 2,352,023; June 20.
Reproducing diaphragm, Elliptical cone-shaped. R. A. O'Connor and L. E. Quinnell. 2,358,823; Sept. 26.
Reproducing machine. E. P. Riddick. 2,355,109; Aug. 8.
Reproducing unit for sound films, Sound. J. L. J. Marette and H. L. Burnat. 2,350,786; June 6.
Rerailer for cars on tracks. A. A. Neubaum and T. Engstrom. 2,354,473; July 25.
Reserve shuttle control for shuttle changing looms. A. J. Chevrette. 2,352,770; July 4.
Reservoir bleeder, Auxiliary. H. A. De Vack and O. T. Evans. 2,364,606; Dec. 12.
Reservoir construction. S. B. Brodie. 2,350,720; June 6.
Reservoir, Fluid. W. S. Wright. 2,352,751; July 4.
Reservoir for refrigerators, Cool water. K. I. Miller and I. Dunbar. 2,354,272; July 25.
Resetting mechanism for weft replenishing looms. V. H. Jennings. 2,345,341; Mar. 28.
Residual hydrocarbon treatment. E. J. Houdry and H. P. Broom. 2,345,603; Apr. 4.
Residues, Production of riboflavin from fermentation. J. C. Keresztesy and E. Rickes. 2,355,220; Aug. 8.
Resilient arch support. M. Margolin. 2,358,342; Sept. 19.
Resilient bearing. H. H. Hile. 2,362,008; Nov. 7.
Resilient fastener. J. W. Simmons. 2,364,668; Dec. 12.
Resilient mesh material. H. F. Weiss. 2,345,844; Apr. 4.
Resilient mounting. H. H. Fink. 2,338,323; Jan. 4.
Resilient mounting. H. C. Lord. 2,365,421; Dec. 19.
Resilient mounting. C. Macbeth. 2,355,456; Aug. 8.
Resilient mounting. L. Wallerstein, Jr. 2,352,591; June 27.
Resilient plastic composition and making the same. P. V. McKinney and M. G. Mayberry. 2,354,868; Aug. 1.
Resilient porous products, Making. R. G. Chollar. 2,353,877; July 18.
Resilient, puncture proof automobile wheel. V. J. Stewart. 2,349,794; May 23.
Resilient shaft coupling. J. D. Miner, Jr., and J. E. Mulheim. 2,361,226; Oct. 24.
Resilient support. A. N. Hale. 2,347,629; Apr. 25.
Resilient suspension for vibrating screens and the like. H. L. Strube. 2,350,201; May 30.
Resilient washer. Le R. M. Kubaugh. 2,339,549; Jan. 18.
Resilient wheel. F. Althen. 2,342,718; Feb. 29.
Resilient wheel. H. H. B. Deane. 2,347,466; Apr. 25.
Resilient wheel mounting. M. J. Mitchell. 2,346,819; Apr. 11.
Resilient wheel mounting. T. A. Peterman. 2,360,619; Oct. 17.
Resin acid lacton, Producing. R. F. B. Cox. 2,355,782; Aug. 15.
Resin alcohol, Polimerised. J. N. Borglin. 2,350,384; June 6.
Resin and making the same, Water-soluble biuret. E. D. McLeod. 2,352,796; July 4.
Resin and manufacturing the same, Polyvinyl. C. A. Thomas and S. B. Luce. 2,360,306; Oct. 10.
Resin and method of making, Pigmented. F. E. Drummond and W. A. Waldie. 2,344,137; Mar. 14.
Resin bases, Chewing gum. W. H. Carmody. 2,366,086; Dec. 26.
Resin-bearing fibrous pulp articles, Manufacturing. E. M. Sawyer. 2,343,350; Mar. 7.
Resin bonded abrasive sheet material. R. P. Carlton and B. J. Oakes. 2,347,662; May 2.
Resin composition and making the same. C. R. Payne and R. B. Seymour. 2,366,049; Dec. 26.
Resin compositions and making same, Acetone. F. A. Hessel and J. B. Rust. 2,364,900; Dec. 12.
Resin emulsion vehicle. A. L. Pelker. 2,356,794; Aug. 29.
Resin emulsions. A. N. Stull and W. L. Abramowitz. 2,357,917; Sept. 12.
Resinlike product and preparing same. R. C. Palmer and E. Edelstein. 2,346,994; Apr. 18.
Resin, Modified phenolic. L. Rosenblum. 2,338,543; Jan. 4.
Resin molding. W. W. Rowe. 2,343,930; Mar. 14.
Resin of the coumarone indene type, Producing. E. L. Cline. 2,345,962; Apr. 4.
Resin of the indene-styrene-homolog coumarone type, Producing a. E. L. Cline. 2,344,676; Mar. 24.
Resin oils, Treatment of. E. L. Cline. 2,346,416; Apr. 11.
Resin, Rosin base. G. R. Anderson. 2,344,194; Mar. 14.
Resin, Synthetic. P. O. Powers. 2,343,845; Mar. 7.
Resin, Synthetic pearl. G. A. Goessling. 2,353,457; July 11.
Resin, Volume stabilized acid absorbing. R. J. Myers and J. W. Eastes. 2,362,086; Nov. 7.
Resinous and thermoplastic materials, Pulverizing. C. W. Cuno. 2,347,464; Apr. 25.
Resinous artificial materials, Producing shaped. C. Dreyfus. 2,354,744; Aug. 1.
Resinous composition. F. P. Otto and O. M. Reiff. 2,340,838; Feb. 1.
Resinous composition. F. G. Pellett. 2,345,948; Apr. 4.
Resinous composition and preparation of the same. F. Strain. 2,349,768; May 23.
Resinous composition and preparing the same. H. L. Gerhart. 2,361,019; Oct. 24.
Resinous compositions, Plasticization of. H. L. Gerhart and G. E. Ellerman. 2,359,103; Sept. 26.
Resinous condensation product and making it. H. Hönel and A. Zinke. 2,343,296; Mar. 7.
Resinous condensation products of aldehydes and compounds of the pyrroles and thiaso series. W. Zerweck and M. Schubert. 2,339,314; Jan. 18.
Resinous ester. I. C. Clare. 2,340,043; Jan. 25.
Resinous material embodying glass fibers. J. G. Ford and R. D. Spencer. 2,354,110; July 18.
Resinous material, Production of a. R. F. B. Cox. 2,362,888; Nov. 14.
Resinous products. S. Sussman. 2,355,402; Aug. 8.
Resinous products and making, Water-soluble. J. B. Rust. 2,366,129; Dec. 26.
Resins, Aminoalkyl malonamide. L. H. Bock and A. L. Houk. 2,352,071; June 20.
Resins from catechol type tannins, Nitrogenous. J. W. Eastes and C. Averill. 2,354,672; Aug. 1.
Resins from coal, Recovering. A. Nagelvoort. 2,364,091; Dec. 5.
Resins from furane derivatives, Production of. E. F. Fiedler and G. D. Holmberg. 2,345,966; Apr. 4.
Resins from polyphenylol sulphur compounds, Insoluble nitrogenous. J. W. Eastes. 2,354,671; Aug. 1.
Resins, Making alcohols modified urea-formaldehyde. H. Hönel. 2,350,894; June 6.
Resins of the coumarone-indene type, Producing. E. L. Cline. 2,344,026; Mar. 14.

Resins, Plasticized thermosetting. P. C. Schroy. 2,361,322; Oct. 24.
Resins, Polyalkylene polyaminomalonamide. L. H. Bock and A. L. Houk. 2,352,070; June 20.
Resins, Polymerized. V. Voorhees. Re. 22,446; Feb. 22.
Resins, Polyvinyl acetal. D. R. Swan. 2,356,479–80; Aug. 22.
Resins, Preparation of synthetic. H. Berg and H. Mader. 2,358,562; Aug. 22.
Resins, Production of. W. A. King. 2,350,400; June 6.
Resins, Production of coumarone-indene type. E. L. Cline and D. F. Gould. 2,340,413; Feb. 1.
Resins, Purifying. A. Nagelvoort. 2,364,090; Dec. 5.
Resins, Refining of coumarone-indene. W. N. Traylor. 2,365,123; Dec. 12.
Resins, Refining of modified alkyd. W. N. Traylor. 2,365,122; Dec. 12.
Resins, Synthetic phenolic. W. Charlton, J. B. Harrison, and R. B. Waters. 2,364,192; Dec. 5.
Resins, Treatment of olefin-sulphur dioxide. R. D. Snow. 2,339,362; Jan. 18.
Resins, Treatment of polyvinyl butyral. G. S. Stamatoff. 2,358,355; Sept. 19.
Resins, Water-soluble. J. G. McNally and F. C. Duennebier. 2,356,406; Aug. 22.
Resins Zn-NaHSO$_4$ mixture, Refining of phenolic. W. N. Traylor. 2,365,121; Dec. 12.
Resistance equalizing means for moving vehicle, Atmospheric. A. Boynton. 2,361,924; Nov. 7.
Resistance loading, Negative. S. T. Meyers. 2,356,867; Aug. 29.
Resistance welding. A. E. Goodwin. 2,356,049; Aug. 15.
Resister for rubber, Age. W. Scott. 2,353,591–2; July 11.
Resistor. J. J. Kopple. 2,361,405; Oct. 31.
Resistor. E. J. Naumann and J. E. Gilhooly. 2,338,531; Jan. 4.
Resistor, Carbon-composition. L. Podolsky. 2,347,795; May 2.
Resistor device. C. B. Green. 2,344,298; Mar. 14.
Resistor for flowmeters, Adjustable. E. L. Gooden. 2,344,943; Mar. 28.
Resistor for spark plugs. L. L. Stoffel, and A. A. Stark. 2,353,199; July 11.
Resistor for spark plugs. L. L. Stoffel, and A. A. Stark. 2,353,322; July 11.
Resistor leads, Machine for forming. H. N. Veley. 2,361,983; Nov. 7.
Resistor, Thermally controlled. L. T. Wilson. 2,352,056; June 20.
Resistor unit, Encased. C. M. Osterheld. 2,360,263–4; Oct. 10.
Resistor unit, Encased. C. M. Osterheld. 2,360,266; Oct. 10.
Resistor unit, Encased. C. M. Osterheld. 2,364,996; Dec. 12.
Resistor, Variable. H. H. Cary and D. G. Marlow. 2,361,010; Oct. 24.
Resistor, Variable. F. Gieffers. 2,359,757; Oct. 10.
Resistors and the like, Forming. C. J. and H. Christensen. 2,358,211; Sept. 12.
Resites, Manufacture of. E. Dreher. 2,351,937; June 20.
Resonance device for ultra-short waves. W. Dällenbach. 2,342,254; Feb. 22.
Resonant cavity device, Tunable. E. G. Linder. 2,356,414; Aug. 22.
Resonant cavity oscillator. E. G. Linder. 2,347,577; Apr. 25.
Resonator and circuit therefor, High frequency. P. S. Carter. 2,357,313; Sept. 5.
Resonators, Adjusting the temperature coefficient of. G. Hecht. 2,342,274; Feb. 22.
Respirator. F. O. Church. 2,360,476; Oct. 17.
Respirator. W. H. Lehmberg. 2,362,382; Nov. 7.
Respirator, Dust. M. E. Barker, P. E. Young, and J. N. Bruce. 2,344,609; Mar. 21.
Respirator, Jacket type. S. E. Miller. 2,354,397; July 25.
Responsive device, Thermally. R. R. Pittman. 2,362,398; Nov. 7.
Respotter mechanism. R. E. Rundell. 2,353,189; July 11.
Restrainer composition for development of photographs. P. Caccia. 2,353,544; July 11.
Restraining device for fire extinguishing systems, Pressure operated. H. B. Quarfoot and H. R. Harper. 2,363,802; Nov. 28.
Restraint and equalising device. B. S. Cain. 2,357,081; Aug. 29.
Restraint device. B. S. Cain. 2,357,080; Aug. 29.
Resuscitator. J. H. Emerson. 2,364,626; Dec. 12.
Retainer attachment for cases, Card. S. H. Winston. 2,353,328; July 11.
Retainer, Ball stud. L. Waldron. 2,364,176; Dec. 5.
Retainer for oil wells, Cementing, washing and acidising. C. E. Burt. Re. 22,463; May 23.
Retainer, Waste. J. J. Schaney and J. M. Sammons. 2,357,233; Aug. 29.
Retainer, Wheel. S. W. Hayes. 2,359,106; Sept. 26.
Retaining device. C. L. Hall. 2,350,311; May 30.
Retaining device. I. Steinhardt. 2,361,069; Oct. 24.
Retaining means for locking pins. H. Lombard. 2,364,638; Dec. 12.
Retarding means for railway car doors. A. E. Small. 2,348,369; May 9.
Retarding means for railway car doors. A. E. Small. 2,350,645; June 6.
Retarding means for railway car doors. J. S. Swann. 2,348,370; May 9.
Retarding rate of firing of automatic firearms. G. Ironside. 2,363,965; Nov. 28.
Retarding the decomposition of unfermented matter during fermentation. L. M. Christensen. 2,356,381; Aug. 22.
Reticulated articles from thermoplastics, Method of and apparatus for producing. J. J. Grebe and E. H. Harder. 2,361,369; Oct. 31.
Retort. V. M. David. 2,362,117; Nov. 7.
Retort. J. S. Elliott. 2,342,796; Feb. 29.
Retractable core head. J. M. Camp. 2,345,699; Apr. 4.
Retractable core taking device. R. A. Phillips. 2,357,907; Sept. 12.
Retractable drive for film magazines. C. B. Gaty. 2,342,511; Feb. 22.
Retractable hard formation bit. B. W. Sewell. 2,338,670; Jan. 4.
Retractable landing gear. E. S. Kleinhans and D. E. Dunlap. 2,351,215; June 13.
Retractable landing gear. W. P. McKinnie. 2,362,016; Nov. 7.
Retractable landing gear. I. N. Palley and F. Erny. 2,357,489; Sept. 5.
Retractable spud support. H. M. Stueland. 2,350,701; June 6.
Retractable wheel mounting for aircraft. C. R. Waselge. 2,345,021; Mar. 28.
Retriever, Golf-ball. M. E. Fonken. 2,365,540; Dec. 19.
Retrodirective light-reflecting device. R. W. Luce. 2,343,068; Feb. 29.
Reverse gear. G. O. Gridley. 2,347,099; Apr. 18.
Reversible and angular control for propellers. J. L. and S. L. Drexler and R. Barker, Sr. 2,341,911; Feb. 15.
Reversible hydraulic pump. D. J. Orr. 2,364,469; Dec. 5.
Reversible power control unit. R. G. Letourneau. 2,362,568; Nov. 14.
Reversible rotary bolt lock. W. A. Endter. 2,362,254; Nov. 7.
Reversible tap holder. C. H. Hook. 2,356,669; Aug. 22.
Reversible window sash. G. and S. Pergolizzi. 2,360,790; Oct. 17.
Reversing attachment for duplicating machines. G. C. Avery. 2,363,490; Nov. 28.
Reversing line starter interlock. D. Ellis and B. C. Wells. 2,349,616; May 23.
Reversing mechanism, Variable speed. C. M. Anderson. 2,342,507; Feb. 22.
Reversing switch. L. F. Meunier and A. H. Funk. 2,361,901; Oct. 31.
Reversing valve. W. O. Martin. 2,344,714; Mar. 21.
Reversing valve. J. E. Whitfield. 2,345,780; Apr. 4.
Reversing valve assembly. C. J. Smith. 2,342,763; Feb. 29.
Revetment and block therefor. L. F. Harza. 2,344,302; Mar. 14.
Revolving chair. L. G. Simjian. 2,349,766; May 23.
Reweaving fabric. W. S. and S. L. Hleber, and I. C. Elmer. 2,343,183; Feb. 29.
Rewinding machine. P. J. Christman. 2,361,264–5; Oct. 24.
Rheostat. C. J. Ganci. 2,354,808; Aug. 1.
Rheostat C. F. Leathers. 2,347,695; May 2.
Rheostat. B. M. Leece. 2,364,728; Dec. 12.
Rheostat. H. H. Smith. 2,343,425; Mar. 7.
Rheostat and its manufacture. R. R. and F. R. Gonsett. 2,350,607; June 6.
Rheostat, Reversing. E. N. Lightfoot and T. F. Rosing. 2,363,132; Nov. 21.
Rheostat switch. H. W. Batcheller. 2,358,617; Sept. 19.
Ribbed rolls for slashing machines and other textile machines, Making. E. H. Hansen. 2,338,847; Jan. 11.
Ribbon control. C. L. Dolan. 2,365,254; Dec. 19.
Ribbon cutting apparatus. M. A. Carlin. 2,353,390; July 11.
Ribbon spool. A. E. Rockwood. 2,339,652; Jan. 18.
Riboflavin derivatives and their preparation. G. A. Stein and W. J. Moran, Jr. 2,358,356; Sept. 19.
Riboflavin from absorbates, Recovering. J. K. Dale. 2,343,254; Mar. 7.
Rice and other cereals, Treatment of. E. G. Huzenlaub and J. H. Rogers. 2,358,251; Sept. 12.
Ridge burster. W. H. Silver. 2,347,373; Apr. 25.
Rifle. G. J. Hyde. 2,342,283; Feb. 22.
Rifle stock, receiver, and trigger guard assembly. J. D. Pedersen. 2,364,549; Dec. 5.
Rifling cutter. F. O. Hoagland. 2,346,581; Apr. 11.
Rig, Drilling. E. L. Alexander and A. W. Braithwaite. 2,343,517; Mar. 7.
Rig, Mast spray. C. J. Griffith. 2,365,755; Dec. 26.
Rig, Ship cargo. C. M. Pedersen and S. L. Morgan. 2,361,053; Oct. 24.
Right-of-way telephone system. C. S. Rhoads. 2,346,114; Apr. 4.
Rim or flange perforating device. L. V. and S. A. Whistler. 2,340,162; Jan. 25.

Ring: *See*—
Arch-bound polysegmental packing ring.
Celery blanching ring.
Compressible sealing ring.
Draw ring.
Finger ring.
Laminated sealing ring.
Lamp retaining ring.
Ornamental wheel trim ring.
Pie-crust trimming ring.
Piston ring.
Sheet metal piston ring.
Snap key ring.
Tire retaining ring.
Valve guide scraper ring.

Ring binder construction. J. Schade. 2,358,662; Sept. 19.

Ring for heat exchanger dome plates, Follower. D. E. Fields. 2,343,502; Mar. 7.

Ring for lighting fixtures, Slip. J. D. Wolfe. 2,355,353; Aug. 8.

Ring for packing, Retainer. C. Pool. 2,365,774; Dec. 26.

Ring grinding machine. R. M. Shaw, Jr. 2,344,371; Mar. 14.

Ring settings, Making. M. A. Letendre. 2,351,689; June 20.

Rinsing soap from washed clothing. A. Schellenberg. 2,351,295; June 13.

Rip envelope. H. I. Nevin, Sr. 2,350,802; June 6.

Rip strip container. H. Schrader and B. B. Gordon. 2,365,112; Dec. 12.

Rip wires in canisters, Provision of. P. Bogner. 2,350,870; June 6.

Rite-light way. H. Meyer and E. M. Spiegel. 2,350,316; May 30.

Rivet. C. W. Cherry and A. S. Mullgardt. 2,344,128; Mar. 14.

Rivet. A. J. Dexter and A. R. Gramache. 2,359,629; Oct. 3.

Rivet. A. Gudmundsen. 2,342,732; Feb. 29.

Rivet. K. W. Horton and C. H. Andros. 2,355,439; Aug. 8.

Rivet. J. J. Kakosky. 2,342,866; Feb. 29.

Rivet. H. E. and V. I. Mills. 2,344,717; Mar. 21.

Rivet, Anchor. R. H. Gill. 2,343,143; Feb. 29.

Rivet cutter. C. L. Beard. 2,348,877; May 16.

Rivet elements, Manufacture of. L. C. Huck. 2,361,770; Oct. 31.

Rivet, Expansion. B. T. O'Shaughnessy and C. H. Demo. 2,340,423; Feb. 1.

Rivet, High shear. G. S. Wing. 2,355,580; Aug. 8.

Rivet holder or dolly bar. E. Croyle. 2,347,399; Apr. 25.

Rivet loading table. A. F. Koehler. 2,359,861; Oct. 10.

Rivet making apparatus. C. W. Cherry and A. S. Mullgardt. 2,364,693; Dec. 12.

Rivet, Plunger type blind. W. L. Keehn. 2,358,578; Sept. 19.

Rivet set or snap. J. J. Sullivan. 2,358,885; Sept. 26.

Rivet squeezer. P. F. Rossmann. 2,342,089; Feb. 15.

Riveter, Compression. H. R. Fischer and J. A. Roberts. 2,355,520; Aug. 8.

Riveting. V. W. Peterson and O. J. Maha. 2,338,736; Jan. 11.

Riveting. G. S. Wing. 2,355,579; Aug. 8.

Riveting apparatus. C. W. Cherry. 2,344,127; Mar. 14.

Riveting apparatus. H. Mörtl. 2,340,552; Feb. 1.

Riveting device. C. W. Cherry. 2,343,278; Mar. 7.

Riveting device. J. A. Dissé. 2,349,341; May 23.

Riveting device. K. N. Keesler. 2,365,824; Dec. 26.

Riveting gun. E. A. Lee. 2,340,066; Jan. 25.

Riveting machine. T. H. Speller. 2,365,147; Dec. 12.

Riveting machine. L. A. Ward. 2,341,167; Feb. 8.

Riveting machine. F. Mayer and F. Wopper. 2,356,526; Aug. 22.

Riveting machine, Duplex. L. A. Ward. 2,349,529; May 23.

Riveting machine, Frame. O. Mueller and H. G. Scholtz. 2,355,997; Aug. 15.

Riveting machine, Movable anvil. L. A. Ward and E. D. Taylor. 2,360,991; Oct. 24.

Riveting or staking machine. H. Bloss. 2,364,420; Dec. 5.

Riveting peen extension. J. A. Porter. 2,338,869; Jan. 11.

Riveting setting implement. S. L. Gookin. 2,358,703; Sept. 19.

Riveting tool. H. R. Fischer. 2,365,538; Dec. 19.

Riveting tool. P. Van Sittert and L. G. Speth. 2,350,002; May 30.

Riveting tool and riveting. M. Goldstein. 2,354,914; Aug. 1.

Rivets, Detonating explosive. M. B. Leskin. 2,364,730; Dec. 12.

Rivets, Manufacture of. L. C. Huck. 2,361,771; Oct. 31.

Roach run. A. Weil. 2,340,255–6; Jan. 25.

Road construction. J. H. Long. 2,346,930; Apr. 18.

Road constructional material. H. Ulrich, E. Ploetz and O. Ferrares. 2,351,241; June 13.

Road grader. F. E. Arndt. 2,340,100; Jan. 25.

Road grader. F. E. Arndt. 2,340,169; Jan. 25.

Road-making and the like, Bitumen. A. B. C. Dahlberg. 2,338,166; Jan. 4.

Road-making attachment for tanks. E. B. Maloon. 2,341,151; Feb. 8.

Road marking device. P. Blumberg. 2,345,653; Apr. 4.

Road or like percussive drill. F. L. Douglas. 2,343,137; Feb. 29.

Road pavement, Bituminous. H. S. Goodwin. 2,353,027; July 4.

Road roller. C. F. Greiner. 2,359,519; Oct. 3.

Road sanding device. P. J. Grattan. 2,360,870; Oct. 24.

Road spraying apparatus. T. W. Rosholt. 2,352,498; June 27.

Road surfacing machine. M. F. Allen. 2,349,130; May 16.

Road working machine. V. H. Beisser. 2,339,518; Jan. 18.

Roads or runways, Construction of. K. J. Sommerfeld. 2,338,785; Jan. 11.

Roaster. A. J. Penick. 2,343,156; Feb. 29.

Roaster, Baster. G. Wells. 2,348,507; May 9.

Roaster for stoves. B. B. Kahn. 2,348,545; May 9.

Robe, towel, and receptacle, Combination beach. H. B. Walsh. 2,344,010; Mar. 14.

Rock bit. W. L. Childs, J. F. Shaw and W. B. Noble. 2,351,320; June 13.

Rock bit. R. G. Hamaker. 2,365,266; Dec. 19.

Rock breaker. S. J. Morrissey. 2,357,843; Sept. 12.

Rock drill. J. C. Curtis. Re 22,536; Aug. 29.

Rock drill. J. C. Curtis. 2,338,625; Jan. 4.

Rock drill. J. C. Curtis. 2,365,680; Dec. 26.

Rock drill. J. C. Curtis. 2,365,749; Dec. 26.

Rock drill. J. C. Curtis and E. G. Gartin. 2,365,682–3; Dec. 26.

Rock drill. E. G. Gartin. 2,350,659; June 6.

Rock drill. E. G. Gartin. 2,365,684; Dec. 26.

Rock drill. C. F. Osgood. 2,347,499; Apr. 25.

Rock drill rotation mechanism. E. B. Lear. 2,349,971; May 30.

Rock drilling apparatus. N. Morissette. 2,342,292; Feb. 22.

Rocker. J. Damsted. 2,362,685; Nov. 14.

Rocker. H. S. Johnson. 2,363,333; Nov. 21.

Rocker arm. J. M. Leake. 2,338,726; Jan. 11.

Rocker arm. J. M. Leake. 2,345,822; Apr. 4.

Rocker devices, Snap-action. F. Sauter. 2,349,008; May 16.

Rocket, Pistol. R. Anzalone. 2,344,957; Mar. 28.

Rod: *See*—
Casting rod.
Coated welding rod.
Curtain rod.
Engine connecting rod.
Fishing rod.
Welding rod.

Rod and cable cutter. E. C. Neal. 2,353,922; July 18.

Rod-handling machinery. G. Harrison. 2,351,962; June 20.

Rodlike articles, Method of, and apparatus for manufacturing. H. A. Perkins. Re. 22,478; May 9.

Rodlike articles, Method of and apparatus for the manufacture of. H. A. Perkins. 2,357,846; Sept. 12.

Rods, Rolling. G. R. Roemer. 2,365,216; Dec. 19.

Roentgen tube with anode turning about its longitudinal axis, K. Schwarzer. 2,350,642; June 6.

Roll, Acid-resistant. E. W. Sanders. 2,356,007; Aug. 15.

Roll actuating mechanism. L. Hornbostel. 2,364,443; Dec. 5.

Roll and core, Tape. C. B. Sampair and E. C. Lund. 2,350,369; June 6.

Roll and interchangeable wheel, Combination. P. M. Hiles. 2,346,163; Apr. 11.

Roll, Billy. C. J. Klein. 2,348,258; May 9.

Roll blotter. W. Lammerich. 2,361,038; Oct. 24.

Roll drive mechanism, Compensating. J. L. Jones. 2,354,599; July 25.

Roll film holder. B. Haya. 2,339,926; Jan. 25.

Roll for carding or garnett machines. J. D. Hollingsworth. 2,340,221; Jan. 25.

Roll for handling adhesive sheets, Repellent. G. Schleman. 2,353,789; July 18.

Roll leaf and making the same. D. D. Swift. 2,354,073; July 18.

Roll lift strand. W. G. Shackelford and A. L. Wiley. 2,346,948; Apr. 18.

Roll passes, Aligning. H. T. Farr and R. A. Peterson. 2,365,944; Dec. 26.

Roll pressure regulator, Slasher squeeze. A. S. Norcross. 2,351,534; June 13.

Roll stand. H. C. Inslee. 2,358,929; Sept. 29.

Roll stand bearing gauge. A. M. Guillet. 2,352,535; June 27.

Roll, Top. L. D. Cobb. 2,355,510–1; Aug. 8.

Roll top for desks, Semirigid. S. Fleischman. 2,341,914; Feb. 15.

Roll, Underclearer. N. E. Lucas. 2,357,265; Aug. 29.

Roll-up door. J. F. Campion. 2,349,702; May 23.

Roll-up drawing board, Flexible. G. C. Corley. 2,346,908; Apr. 18.

Roll, Web feed. H. J. Luehrs. 2,341,636; Feb. 15.

Roll web terminal. J. E. McMullen. 2,361,857; Oct. 31.

Roll, Weld fabricated. G. Slavicek. 2,352,501; June 27.

Roll wiper. H. O. McIntire. 2,357,963; Sept. 12.

Rollable window screen. H. W. Thomas. 2,349,226; May 16.

Roller. E. A. Henley. 2,358,007; Sept. 12.

Roller. G. W. Hutchinson. 2,344,701; Mar. 21.

Roller. H. L. Mueller. 2,356,743; Aug. 15.

Roller bearing. F. E. Best. 2,355,843; Aug. 15.

Roller bearing. J. D. Spalding. 2,350,079; May 30.

Roller-bearing differential wheel. J. A. Cameron. 2,360,329; Oct. 17.

Roller bearing separator. E. H. Irasek. 2,349,824; May 30.

Roller cage. O. H. Banker. 2,356,298; Aug. 22.

Roller coating. J. S. Thompson. 2,348,698; May 9.

Roller, Collapsible cloth. P. C. Hering. 2,340,381; Feb. 1.

Roller for belt conveyers, Idler. A. Searles and C. A. Swartz. 2,353,510; July 11.

Roller for printing presses, Sectional inking. H. B. Seymour. 2,356,010; Aug. 15.

Roller leveler. R. T. Todd. 2,353,375; July 11.

Roller press. M. J. Stacom. 2,344,274; Mar. 14.

Roller, Road. A. H. Bayer. 2,348,445; May 9.

Roller shade. L. A. Yashan. 2,350,085; May 30.

Roller skate. C. Z. Shye. 2,341,576; Feb. 15.

Roller skate unit and roller skate shoe. M. Goldenberg. 2,343,007; Feb. 29.

Roller skate wheel. B. A. Hirschmugl. 2,345,258; Mar. 28.

Roller, Web propelling. W. F. Huck. 2,349,659; May 23.

Roller window screen. E. M. Hoover. 2,342,341; Feb. 22.

Rollers, Method and machine for grinding tapered. A. R. Spicacci. 2,341,825; Feb. 15.

Rolling door construction. N. Michelman. 2,350,286; May 30.

Rolling machine. P. H. Hutchinson. 2,344,147; Mar. 14.

Rolling mill. C. E. Grosser and H. A. Bondeson. 2,363,585; Nov. 28.

Rolling mill. E. T. Peterson. 2,344,166; Mar. 14.

Rolling mill. E. T. Peterson. 2,354,771; Aug. 1.

Rolling mill. E. T. Peterson. 2,364,386; Dec. 5.

Rolling mill rolls and the like, Cooling. P. H. Washam, Jr. 2,347,651; May 2.

Rolls for spinning machines, Drawing. W. Beswick. 2,348,202; May 9.

Roof and wall construction. V. W. Noonan. 2,352,116; June 20.

Roof, Built-up. A. Winding. 2,365,129; Dec. 12.

Roof construction. L. H. Overly. 2,358,733; Sept. 19.

Roof construction for railway cars. A. C. Lohse and W. H. Mussey. 2,358,405; Sept. 19.

Roof covering, Sectional. A. M. Zimmers. 2,350,142; May 30.

Roof drain, Floating. H. Hammeren. 2,359,723; Oct. 3.

Roof flashing. H. N. Andrews. 2,360,031; Oct. 10.

Roof flashing and jacket. F. J. Moore. 2,347,836; May 2.

Roof gutter protecting device. M. Schweda. 2,365,845; Dec. 26.

Roof, Lifter. O. A. Bailey. 2,345,174; Mar. 28.

Roof louver, Slant. F. H. Leslie. 2,363,879; Nov. 28.

Roof staging. H. Mick. 2,359,868; Oct. 10.

Roof structure. J. A. Robertson, D. S. Payne, and B. F. Arendt. 2,366,149; Dec. 26.

Roof structure, Trailer or truck. J. J. Black. 2,365,934; Dec. 26.

Roofing and shingle therefor, E. J. Buczkowski and S. J. Ostrowski. 2,340,038; Jan. 25.

Roofing and similar material, Method and apparatus for drying and cooling. R. M. Moffitt. 2,365,352; Dec. 19.

Roofing joint. H. H. Hoe. 2,356,833; Aug. 29.

Roofing, Lock-joint. J. M. Ferguson. 2,359,633; Oct. 3.

Roofing sheets, Interlocking and securing. W. Kroler. 2,360,879; Oct. 24.

Roofing support. J. B. Llewellyn. 2,361,112; Oct. 24.

Room air conditioning unit. O. Holm-Hansen. 2,342,469; Feb. 22.

Rope, Flexible composite. R. F. Warren, Jr. 2,348,234; May 9.

Rope manufacturing machine, Wire. W. T. MacCreadle. 2,360,783; Oct. 17.

Rope-operated mechanism for control drums. R. B. Hunter and H. L. Mekelburg. 2,350,613; June 6.

Rope structure and making same. M. C. Dodge and N. R. Axelsson. 2,343,892; Mar. 14.

Rosin and abietic acid salts of a guanidine as a mothproofer. D. W. Jayne, Jr. 2,347,688; May 2.

Rosin and rosin compounds, Derivatives of. E. D. Schultz and W. E. Shaefer. 2,346,793; Apr. 18.

Rosin and rosin compounds, Purification of. W. J. Kirkpatrick. 2,361,213; Oct. 24.

Rosin and turpentine, Production of. J. O. Reed. 2,363,692; Nov. 28.

Rosin-drying oil-modified phenol-formaldehyde resins. P. O. Powers. 2,345,357; Mar. 28.

Rosin, Polymerising. C. E. Tyler. 2,342,382; Feb. 22.

Rosin size, Handling. E. S. Wilson. 2,341,302; Feb. 8.

Rosin size, Heat-treated. E. A. Georgi. 2,351,949; June 20.

Rosin, Sulphonating. D. Fronmuller and B. B. Thomas. 2,348,200; May 9.

Resins, and rosin esters, Purification of polymerized. A. L. Rummelsburg. 2,340,696; Feb. 1.

Rotary air drier. D. H. Lutz. 2,347,356; Apr. 25.

Rotary burner for gas and oil. C. W. Gibson. 2,351,421; June 13.

Rotary center arrangement for turning machines. A. Gnessin. 2,362,265; Nov. 7.

Rotary cloth finishing press. D. Gessner. 2,357,185; Aug. 29.

Rotary cooler. G. D. Becker. 2,348,446; May 9.

Rotary cultivator. M. S. Ariens. 2,364,043; Dec. 5.

Rotary cutter. F. Hofbauer. 2,355,865; Aug. 15.

Rotary disconnect switch. P. B. Hoye. 2,360,774; Oct. 17.

Rotary drier. H. Kirchmann, Jr. 2,347,487; Apr. 25.

Rotary drill bit. A. W. Kammerer. 2,358,642; Sept. 19.

Rotary drilling apparatus. H. C. Johansen. 2,364,850; Dec. 12.

Rotary engine. W. J. Borer. 2,341,203; Feb. 8.

Rotary engine. C. B. Hansen. 2,362,550; Nov. 14.

Rotary engine. J. D. Ingram. 2,358,165; Sept. 12.

Rotary engine. H. Spitzer. 2,354,486; July 25.

Rotary engine. R. C. Wallace. 2,349,481; May 23.

Rotary engine. H. F. Wolstenholme. 2,352,877; July 4.

Rotary engine and pump. F. M. Nordling. 2,341,231; Feb. 8.

Rotary engine, mainly gas turbine. G. Jendrassik. 2,354,213; July 25.

Rotary engine structure. L. W. Beaven. 2,342,446; Feb. 22.

Rotary fastener and installation thereof. H. J. Murphy. 2,344,948; Mar. 28.

Rotary fluid pressure motor, pump, and the like. E. H. Johnson. 2,344,879; Mar. 21.

Rotary forging machine. T. E. Brown. 2,342,917; Feb. 29.

Rotary garment drier. A. P. Kutsche. 2,361,297; Oct. 24.

Rotary hook for lock-stitch sewing machines. C. F. Rubel. 2,344,110; Mar. 14.

Rotary hook for sewing machines. E. J. Billington. 2,352,598; July 4.

Rotary hook mechanism for sewing machines. W. Myers. 2,346,139; Apr. 11.

Rotary inking mechanism and process. A. Taylor and E. W. Worthington. 2,347,619; Apr. 25.

Rotary intaglio printing press. A. Weiss. 2,362,736; Nov. 14.

Rotary intaglio printing press. A. M. Wickwire, Jr. 2,348,870; May 16.

Rotary internal combustion engine. L. Meeks. 2,344,159; Mar. 14.

Rotary motor. E. J. Beech. 2,346,646; Apr. 18.

Rotary motor. J. A. Bellazini. 2,343,948; Mar. 14.

Rotary nosing-in furnace. B. G. Harmon. 2,355,527; Aug. 8.

Rotary oven. W. A. Roberts and W. Spiegel. 2,350,067; May 30.

Rotary plug valve. R. L. Kerr. 2,354,864; Aug. 1.

Rotary printing machine. F. Shurley. 2,361,325; Oct. 24.

Rotary printing press. H. M. Barber. 2,341,202; Feb. 8.

Rotary printing press. A. Weiss. 2,362,735; Nov. 14.

Rotary pump. W. L. Davis. 2,353,015; July 4.

Rotary pump. E. Fowler. 2,347,944; May 2.

Rotary pump. W. R. Hammond. 2,360,833; Oct. 24.

Rotary pump. W. L. Hart. 2,363,961; Nov. 28.

Rotary pump. O. S. Johnson. 2,346,218; Apr. 11.

Rotary pump. G. H. Palm. 2,362,922; Nov. 14.

Rotary reactor. P. H. Karlsson and W. D. Yerrick. 2,347,829; May 2.

Rotary seal assembly. W. T. Stephens. 2,362,854; Nov. 14.

Rotary seal for pumps. C. A. Namur. 2,339,099; Jan. 11.

Rotary seal joint. C. W. Howard. 2,348,907; May 16.

Rotary slide carrier. G. Fassin. 2,364,627; Dec. 12.

Rotary slip lifter. B. F. Kelley. 2,340,597; Feb. 1.

Rotary spiral plow. J. P. Bagan. 2,342,030; Feb. 15.

Rotary spraying machine. F. Shurley. 2,342,375; Feb. 22.

Rotary steam engine. A. D. Iskols. 2,352,544; June 27.

Rotary steam engine. J. Lepis. 2,356,461; Aug. 22.

Rotary steam engine. E. N. Ogle. 2,346,936; Apr. 18.

Rotary steam joint. H. C. Behrens. 2,349,696; May 23.

Rotary stud fastener installation. H. J. Murphy. 2,340,250; Jan. 25.

Rotary syphon joint assembly. L. D. Goff and R. O. Monroe. 2,352,317; June 27.

Rotary tiller. H. J. Seaman. 2,364,666; Dec. 12.

Rotary tilling implement. H. J. Seaman. 2,364,667; Dec. 12.

Rotary tool. P. Van Sittert and A. J. Lev. 2,339,530; Jan. 18.

Rotary toothbrush. D. Borgeat. 2,342,833; Feb. 29.

Rotary type holder. E. R. Weber. 2,358,674; Sept. 19.

Rotary valve. J. R. Almond and H. R. Fitz Gerald. 2,351,732; June 20.

Rotary valve controlled internal-combustion engine. R. C. Cross. 2,341,305; July 25.

Rotary water pump. J. R. Hagstrom. 2,358,226; Sept. 12.

Rotatable display support. E. Petracca. 2,345,157; Mar. 28.

Rotating band. J. H. Church. 2,353,693; July 18.

Rotating coupling. A. J. Van Alstyne. 2,345,019; Mar. 28.

Rotating field excited flux valve. R. S. Curry, Jr. 2,360,851; Oct. 24.

Rotating machine. W. K. Cozad. 2,361,273; Oct. 24.

Rotating servo-valve. W. R. Tucker and G. A. Waldie. 2,349,641; May 23.

Rotor. C. E. Tack. 2,350,970; June 6.

Rotor. C. E. Tack. 2,358,134; Sept. 12.

Rotor bearing assembly, Self-aligning and temperature compensating. B. G. Carlson. 2,352,469; June 27.

Rotor brake. R. G. Aurien. 2,347,387; Apr. 25.

Rotor brake. C. E. Tack. 2,351,575; June 13.

Rotor brake. C. E. Tack. 2,355,120; Aug. 8.
Rotor brake. C. E. Tack. 2,355,122; Aug. 8.
Rotor brake. C. E. Tack and W. A. Helsten. 2,355,121; Aug. 8.
Rotor brake. C. E. Tack and A. H. Wesley. 2,355,123; Aug. 8.
Rotor construction. F. Breckenridge. 2,349,901; May 30.
Rotor, disintegrator. J. A. Hall. 2,360,562; Oct. 17.
Rotor for aircraft, Sustaining. H. F. Pitcairn. 2,352,404; June 27.
Rotor for use in conjunction with disintegrating equipment, Disintegrator. J. A. Hall. 2,349,960; May 30.
Rotor, Fluid coupling. E. A. Thompson. 2,357,295; Sept. 5.
Rotor, Irrotational. R. R. Hays. 2,350,962; June 6.
Rotor pivot. S. Bousky. 2,361,741; Oct. 31.
Rotor, Pulverizer. J. T. Fowler. 2,362,366; Nov. 7.
Rotor, Pulverizing mill. W. M. Sheldon. 2,352,127; June 20.
Rotor, Turbine. U. Meininghaus. 2,356,605; Aug. 22.
Rotor unit. A. W. Thoman and G. F. Wisliceaus. 2,365,310; Dec. 19.
Rotors, Fabricating. W. L. Hansen and I. N. Hurst. 2,349,620; May 23.
Rotors, Method of and apparatus for winding. H. C. Stearns. 2,339,589; Jan. 18.
Roughage and hammer mill. H. E. Korum. 2,359,995; Oct. 10.
Rounding machine. J. P. Fredericksen. 2,363,124; Nov. 21.
Rounding off means for calculating machines. R. H. Sampson. 2,350,698; June 6.
Rounds counter for automatic firearms. G. Webb. 2,354,079; July 18.
Rotter, Turret head. R. F. Onsrud. 2,347,791; May 2.
Rotting machine. A. E. Brocklebank. 2,363,115; Nov. 21.
Rotating machine. A. E. Schnable. 2,350,704; June 6.
Rowing mechanism, Forward. J. Vander Meer. 2,338,555; Jan. 4.
Rubber and plastic water lubricated bearing for vertical turbine pumps. R. D. Schott. 2,343,585; Mar. 7.
Rubber and product obtained thereby, Treating. R. L. Sibley. 2,360,450; Oct. 17.
Rubber and product obtained thereby, Vulcanizing. M. W. Harman. 2,340,661; Feb. 1.
Rubber and product obtained thereby, Vulcanizing. R. L. Sibley. 2,360,449; Oct. 17.
Rubber and products obtained through said method, Manufacturing products from. A. Chomette. 2,356,564; Aug. 22.
Rubber, Antioxidant for. C. F. Gibbs. 2,362,479; Nov. 14.
Rubber apparel. T. J. Howland. 2,353,403; July 11.
Rubber articles. M. Carter. 2,354,433; July 25.
Rubber articles and article produced, Strengthening porous. H. W. Greenup and L. A. Wohler. 2,354,430; July 25.
Rubber articles, Making. C. L. Beal. 2,340,243; Jan. 25.
Rubber articles, Making polymerized. H. V. and K. V. Hardman. 2,349,549; May 23.
Rubber articles, Making reinforced. M. C. Teague and R. B. Sterrett. 2,338,827; Jan. 11.
Rubber articles, Manufacturing thin. F. E. Hahne. 2,351,202; June 13.
Rubber articles, Method and apparatus for manufacture of hollow. J. B. L. Ryan. 2,364,029; Nov. 28
Rubber articles, Method and machine for treating thin. G. A. Fingado and H. Ludwig. Re. 22,561; Nov. 21.
Rubber articles, Molding. H. G. Doster and R. H. Hanlon. 2,363,508; Nov. 28.
Rubber articles, Producing hollow. D. C. Kempthorn. 2,346,634; Apr. 11.
Rubber cement for flocked fabrics. G. S. Hiers. 2,364,847; Dec. 12.
Rubber chloride manufacture. J. W. Raynolds. 2,339,945–6; Jan. 25.
Rubber-coated artificial filaments, Preparing. F. P. Allen. 2,351,090; June 13.
Rubber composition. P. A. Ray. 2,341,289; Feb. 8.
Rubber composition and making same. J. H. Kelly, Jr., and M. M. Stern. 2,351,960; June 20.
Rubber composition, Halogenated. J. M. Coe. 2,357,383; Sept. 5.
Rubber compositions, Synthetic. T. O. Evans. 2,358,694; Sept. 19.
Rubber composition, Synthetic. D. V. Sarbach. 2,340,699; Feb. 1.
Rubber compound. D. P. Moore. 2,341,055; Feb. 8.
Rubber, Compounding. C. H. Smith and A. J. Gracia. 2,343,835; Mar. 7.
Rubber compounding, etc. E. A. Van Valkenburgh. 2,360,990; Oct. 24.
Rubber conversion product and making same. T. R. Griffith. 2,340,321; Feb. 1.
Rubber, Crude. S. R. Ogilby. 2,347,576; Apr. 25.
Rubber, Curing. H. A. Scott. 2,364,167; Dec. 5.
Rubber, Depigmentizing reclaimed. H. H. Thompson. 2,365,662; Dec. 26.
Rubber derivatives products. J. A. Mitchell. 2,364,158; Dec. 5.
Rubber footwear, Process and apparatus for manufacture of molded. E. Rollmann. 2,357,360; Sept. 5.
Rubber from cryptostegia, Obtaining. J. W. Haefele 2,353,460; July 11.
Rubber from cryptostegia, Obtaining. J. McGavack. 2,353,482; July 11.
Rubber from goldenrod, Obtaining. J. W. Haefele and J. McGavack. 2,365,950; Dec. 26.
Rubber glazing strip for multiple glass sash. C. M. Verhagen. 2,354,341; July 25.
Rubber goods, Thin. A. Mendel. 2,339,283; Jan. 18.
Rubber halide plastics. J. W. Raynolds and M. R. Radcliffe. 2,364,589; Dec. 5.
Rubber hydrochloride. A. M. Clifford. 2,356,973; Aug. 29.
Rubber hydrochloride composition. G. E. Hulse. 2,344,776; Mar. 21.
Rubber hydrochloride film, Treating. L. Wright. 2,359,956; Oct. 10.
Rubber in sheet or crepe form and of rubber articles, Manufacture of. B. Wilkinson, G. D. Ingram, and H. Waumsley. 2,358,195; Sept. 12.
Rubber insert paving block. M. Tiberghien. 2,342,825; Feb. 29.
Rubber latex, Treatment of synthetic. E. A. Willson. 2,357,861; Sept. 12.
Rubberlike composition, Synthetic. G. F. D'Alelio. 2,340,108; Jan. 25.
Rubberlike products and preparation thereof. A. J. Morway. 2,364,382; Dec. 5.
Rubber, Making cellular. L. P. Dosmann. 2,363,051; Nov. 21.
Rubber, Making sponge. R. O. Borton. 2,342,526; Feb. 22.
Rubber, Manufacture of purified. G. J. van der Bie. 2,356,549; Aug. 22.
Rubber, Manufacture of sponge. E. C. Svendsen and W. J. Clayton. 2,351,556; June 13.
Rubber masticating machine. N. W. Lousley. 2,358,722; Sept. 19.
Rubber materials capable of ready fabrication, Hard. E. R. Dillehay. 2,365,335; Dec. 19.
Rubber molding compositions. L. E. Daly. 2,363,654; Nov. 28.
Rubber, Plasticizers for. E. T. Dean. 2,356,388; Aug. 22.
Rubber, Plasticising. R. L. Sibley. 2,339,033; Jan. 11.
Rubber, Plastifying of synthetic. E. Gartner and A. Koch. 2,365,405; Dec. 19.
Rubber, Preparation of chlorinated. E. D. Smith. 2,345,507; Mar. 28.
Rubber, Preparing sheet. B. W. Rowland and D. Fronmuller. 2,347,370; Apr. 25.
Rubber, Preservation of. D. J. Beaver. 2,364,338; Dec. 5.
Rubber, Preventing oxidation of. I. L. Wolk. 2,363,717; Nov. 28.
Rubber product and making the same, Nontarnishing. A. Szegvari. 2,340,233; Jan. 25.
Rubber products, Manufacture of gas-expanded. W. V. Smith. 2,351,555; June 13.
Rubber, Regenerating of vulcanised. W. Gumlich. 2,338,427; Jan. 4.
Rubber sheet, Sanitary. J. H. Johnson. 2,351,767; June 20.
Rubber, Softening. R. O. Roblin, Jr. 2,347,966; May 2.
Rubber stripping machine. R. A. Sandberg. 2,341,816; Feb. 15.
Rubber, Swab. B. E. Parrish. 2,360,577; Oct. 17.
Rubber threads and rubber fabric, Producing. T. L. Shepherd. 2,338,978; Jan. 11.
Rubber to fibrous materials and product thereof, Improving the adhesion of. E. T. Lessig and E. N. Cunningham. 2,363,981; Nov. 28.
Rubber to metal and product thereof, Adhering. M. E. Gross. 2,354,011; July 18.
Rubber torsion units, Method and apparatus for making. J. H. Gerstenmaier. 2,351,329; June 13.
Rubber, Treating aqueous dispersions of. S. R. Ogilby. 2,359,667; Oct. 3.
Rubber, Treatment of. E. J. Hart and R. T. Armstrong. 2,361,543; Oct. 31.
Rubber-unsaturated carbonyl compound reaction products, Cyclized. J. A. Mitchell. 2,364,090; Dec. 5.
Rubber valve. C. G. Scheele. 2,343,584; Mar. 7.
Rubber valve handling apparatus. E. D. George and H. M. Brown. 2,351,200; June 13.
Rubber valve stem. O. W. Hosking. 2,344,932; Mar. 21.
Rubber, Vulcanization of. F. C. Bersworth and M. Omansky. 2,364,052; Dec. 5.
Rubber, Vulcanization of. R. T. Dean. 2,340,650; Feb. 1.
Rubber, Vulcanization of. P. C. Jones. 2,342,545; Feb. 22.
Rubber, Vulcanization of. P. C. Jones. 2,358,717; Sept. 19.
Rubber, Vulcanization of. P. C. Jones. 2,359,765; Oct. 10.
Rubber, Vulcanization of. P. C. Jones and R. A. Mathes. 2,356,163; Aug. 22.
Rubber, Vulcanization of. P. C. Jones and R. A. Mathes. 2,363,598; Nov. 28.
Rubber, Vulcanization of. P. C. Jones and A. W. Sloan. 2,358,715; Sept. 19.
Rubber, Vulcanization of. R. A. Mathes. 2,343,566; Mar. 7.
Rubber waste, Treatment of. A. Treves. 2,352,460; June 27.

Rudder for stern wheel vessels, Auxiliary. A. J. Dawson. 2,344,236; Mar. 14.
Rudder machine for automatic pilots. A. Kronenberger. 2,356,597; Aug. 22.
Ruffling attachment for sewing machines. A. F. De Rose. 2,360,045; Oct. 10.
Ruffling attachment for sewing machines. V. J. Sigoda. 2,352,660; July 4.
Rug and making the same. W. T. Case. 2,360,398; Oct. 17.
Rug, Handmade. M. D. McConnell. 2,357,750; Sept. 5.
Rug manufacture. H. P. Faris and J. E. White. 2,338,499; Jan. 4.
Rug package. N. C. Pike. 2,357,908; Sept. 12.
Rule, Copy slide. H. A. Freedlander. 2,359,837; Oct. 10.
Rule, Cutting. G. E. Hardy, Jr. 2,361,288; Oct. 24.
Rule, Extensible. C. G. Swanson. 2,356,544; Aug. 22.
Rule, Rotary slide. B. Sassen. 2,358,478–9; Sept. 19.
Rule, Slide. M. C. Andersen. 2,341,681; Feb. 15.
Rule, Slide. O. E. Bätorf. 2,358,309; Sept. 18.
Run for vermin and the like. A. Weil. 2,359,341; Oct. 3.
Runway, Bowling ball return. E. W. Discher. 2,345,964; Apr. 4.
Runway, Emergency landing. G. Burton. 2,351,002; June 13.
Runway for airports and the like and making same. G. C. Littlefield. 2,351,273; June 13.
Runner gate operator. J. W. Carter and T. H. Kennedy. 2,348,521; May 9.
Runner mount. D. E. Meehan. 2,356,817; Sept. 26.
Runner training apparatus. P. V. Palmquist. 2,354,049; July 18.
Runner training apparatus. J. Paupa. 2,354,050; July 18.
Rust-preventive compositions. K. F. Schiermeier. 2,359,738; Oct. 10.
Rythmeter for determining sterility and fertility. G. L. Tilbrook. 2,343,592; Mar. 7.
Sabotage detection, Insuring. J. H. Higbee. 2,360,325; Oct. 17.
Saccharifying starchy material. L. M. Christensen. 2,342,330; Feb. 22.
Sack jigger. E. A. Ernst. 2,347,474; Apr. 25.
Sack, Paper. P. A. Frixione. 2,339,068; Jan. 11.
Saddle and scaffolding, Safety. E. E. McKinney. 2,347,745; May 2.
Saddle construction. J. R. Boyle. 2,353,622; July 11.
Saddle construction. R. W. Faulhaber. 2,347,093; Apr. 16.
Saddle coupling. P. D. Merrill. 2,351,141; June 13.
Saddle, Cycle. H. E. Kalter. 2,341,720; Feb. 15.
Saddle-support for cycles. M. Grivetto. 2,351,957; June 20.
Saddle, Work assembling, holding and binding. W. P. Grenfell. 2,360,417; Oct. 17.
Sadiron, Automatic. B. G. Olving. 2,357,905; Sept. 12.
Sadiron, Steam generating. R. I. Huffman. 2,343,555; Mar. 7.
Safety attachment for watercraft. J. H. Hermanson. 2,354,316; July 25.
Safety blade magazine holder. S. H. Benjamin. 2,347,237; Apr. 25.
Safety blade mechanism. S. H. Benjamin. 2,346,144; Apr. 11.
Safety box hook. J. F. Roberts. 2,353,850; July 18.
Safety clasp. C. A. Domler. 2,357,882; Sept. 12.
Safety closure. W. E. Hanahan. 2,359,639; Oct. 3.
Safety control, Automatic. A. Miller. 2,362,918; Nov. 14.
Safety control for arc welding, Automatic. R. S. Kenrick. 2,364,372; Dec. 5.
Safety control for gaseous fuel burners. W. F. Jackson. 2,361,945; Nov. 7.
Safety control for gaseous fuel burners. W. F. Jackson and T. H. Jeffers. 2,361,944; Nov. 7.
Safety control for gaseous fuel burners. T. H. Jeffers. 2,362,011; Nov. 7.
Safety control for gaseous fuel burner. V. Weber. 2,341,967; Feb. 15.
Safety control for liquid fuel burners. J. L. Breese. 2,348 709; May 16.
Safety control for punch presses and the like. B. J. Yanchenko. 2,339,214; Jan. 11.
Safety control system for motor vehicles. C. A. Brewer. 2,346,149; Apr. 11.
Safety crane hook. F. J. Truesdale and H. K. Fish. 2,349,021; May 16.
Safety device. J. H. Brown. 2,355,361; Aug. 8.
Safety device. R. W. Burt. 2,350,014; May 30.
Safety device. F. A. Jimerson. 2,364,980; Dec. 12.
Safety device. H. A. Mantz. 2,351,277; June 13.
Safety device. G. C. Matson. 2,348,489; May 9.
Safety device. G. B. Thieme. 2,364,252; Dec. 5.
Safety device. H. S. Young, Jr. 2,353,535; July 11.
Safety device for cigar-making machine. S. Johanson and N. Walker. 2,357,659; Sept. 5.
Safety device for fire extinguishers. F. Fredriksen. 2,341,708; Feb. 15.
Safety device for gas producing systems. H. Beddoes. 2,348,104; May 2.
Safety device for hoisting mechanism. E. G. Halby. 2,348,382; May 9.
Safety device for hydraulic power transmission apparatus. G. W. Kinzelman. 2,349,284; May 23.
Safety device for infants. M. C. Wilkinson. 2,342,069; Feb. 15.
Safety device for instruments. C. A. De Giers. 2,345,464; Mar. 28.
Safety device for labeling machines. F. A. Craig. 2,339,055; Jan. 11.
Safety device for machine tools. S. Mikami. 2,340,547; Feb. 1.
Safety device for machine tools using photoelectric tubes. S. Mikami. 2,340,548; Feb. 1.
Safety device for motor vehicles. W. B. Hemphill. 2,360,227; Oct. 10.
Safety device for pipettes. W. T. Mathis. 2,348,831; May 16.
Safety device for presses. H. W. Sundstrom. 2,338,364; Jan. 4.
Safety device for sewing machines. W. L. Ibbott. 2,361,032; Oct. 24.
Safety device for submarine crews. S. G. and S. F. Kotelev. 2,341,923; Feb. 15.
Safety device for vehicle passengers. V. H. Carlisle. 2,365,625; Dec. 19.
Safety device, Thermoelectric. H. A. Mantz. 2,355,227; Aug. 8.
Safety fluorescent lamp clip. C. E. Foster. 2,350,600; June 6.
Safety fuel tank. D. and G. Cantello. 2,365,624; Dec. 19.
Safety hose clamp. H. E. Fay. 2,356,041; Aug. 15.
Safety hose clamp. G. C. Jerman. 2,355,165; Aug. 8.
Safety ignition device for gas burners. G. Hegwein. 2,343,904; Mar. 14.
Safety inner tube. E. Eger. 2,354,912; Aug. 1.
Safety landing field for airplanes. J. W. Thompson. 2,358,426; Sept. 19.
Safety landing switch for airplanes, Automatically operable. J. A. Dann. 2,352,692; July 4.
Safety latch for pistol holsters. F. A. Ray. 2,349,376; May 23.
Safety leg portion for trousers or similar garments. T. B. McMasters. 2,349,974; May 30.
Safety mechanism for coiler blocks. C. O. Bruestle. 2,341,688; Feb. 15.
Safety operating control for machines. B. J. Yanchenko. 2,344,763; Mar. 21.
Safety pilot burner. J. K. Clark. 2,340,734; Feb. 1.
Safety pilot device. W. H. Kliever. 2,359,921; Oct. 10.
Safety pin. J. W. Harper. 2,353,560; July 11.
Safety pin. H. M. Pedersen. 2,353,261; July 11.
Safety razor. L. G. Barthalot. 2,363,040; Nov. 21.
Safety razor. J. D. Karle. 2,340,189; Jan. 25.
Safety razor. N. Testi. 2,361,332; Oct. 24.
Safety razor accessory. J. S. Mahler. 2,349,183; May 16.
Safety razor and magazine. J. Muros. 2,351,627; June 20.
Safety razor blade holder. J. de Swart. 2,357,939; Sept. 12.
Safety razor blade sharpener. W. W. Phillips. 2,353,066; July 4.
Safety razor case. F. McVey. 2,342,207; Feb. 22.
Safety release hitch. G. Den Besten. 2,339,463; Jan. 18.
Safety roller coupling. L. H. Brown. 2,344,673; Mar. 21.
Safety sleeve. F. O. C. Brown. 2,352,614; July 4.
Safety stop, Automatic. D. Pinnelli. 2,343,474; Mar. 7.
Safety suspension device. A. J. Schultz. 2,343,086; Feb. 29.
Safety switch. C. T. Evans. 2,361,535; Oct. 31.
Safety switch. H. A. Mantz. 2,340,197; Jan. 25.
Safety switch. F. W. Murphy. 2,358,729; Sept. 19.
Safety switch. T. Stevenson and B. Volin. 2,352,664; July 4.
Safety switch and limit control, Combined. H. F. Alfery. 2,350,978; June 13.
Safety switching arrangement for electrically heated appliances. F. E. Finlayson. 2,343,654; Mar. 7.
Safety switching arrangement for electrically heated appliances. F. E. Finlayson. 2,366,014; Dec. 26.
Safety system. A. Palme. 2,355,998; Aug. 15.
Safety system for engines. E. Steilingwerf. 2,347,297; Apr. 25.
Safety tackle hook. R. Hoffman. 2,359,557; Oct. 3.
Safety trigger for pneumatic tools. A. J. De Paepe. 2,357,385; Sept. 5.
Safety tube. C. J. Burkley. 2,343,828; Mar. 7.
Safety valve. A. D. Eplett. 2,347,676; May 2.
Safety valve. A. D. Eplett. 2,364,700; Dec. 12.
Safety valve for tanks. W. V. Brown. 2,349,137; May 16.
Safety vehicle door lock. S. G. Le Gresley. 2,344,826; Mar. 21.
Sailboat. L. A. Wilkie. 2,364,578; Dec. 5.
Salad dressing. B. F. Buchanan and R. C. Drury. 2,338,083; Jan. 4.
Sales ticket, Adhesive tape. R. E. Johnson. 2,346,219; Apr. 11.
Sales tube for dispensing ice-cream cones, Sanitary. G. G. Buttermann. 2,349,074; May 16.
Salt bath for heating soldering irons. A. F. Holden. 2,338,433; Jan. 4.
Salt bath furnace. A. F. Holden. 2,354,753; Aug. 1.
Salt-form azo pigment dyestuff and coating composition made therefrom. G. M. O'Neal. 2,350,523; June 6.

Salt purification. E. C. Perkins. 2,340,613; Feb. 1.
Salt water drilling mud. E. A. Means. 2,349,049; May 16.
Salts, Cyclohexyl-amine. F. B. Smith and J. N. Hansen. 2,363,561; Nov. 28.
Salts from trona, Production of pure. R. D. Pike. 2,346,140; Apr. 11.
Salts of aromatic compounds, Making ammonium. E. and W. G. Berl. 2,350,322; June 6.
Salts of certain methylene diamines with certain petroleum sulphonic acides. M. De Groote. 2,344,539; Mar. 21.
Salts of fatty amino compounds, Alkali. W. L. Morgan and E. D. McLeod. 2,344,260; Mar. 14.
Salts of fatty carbamino compounds, Alkali. W. L. Morgan and E. D. McLeod. 2,344,259–60; Mar. 14.
Salts of mercaptans. R. A. Mathes. 2,356,172; Aug. 22.
Salts of styphnic acid, manufacturing. J. D. McNutt and S. D. Ehrlich. 2,352,964; July 4.
Salts, Preparation of dicyandiamide. D. W. Kaiser. 2,357,261; Aug. 29.
Salts, Production of. D. C. Bardwell. 2,344,929; Mar. 21.
Salts, Purification of lanthanum. A. E. Ballard and L. E. Martinson. 2,364,613; Dec. 12.
Salvage device, Marine. W. B. Lang. 2,355,086; Aug. 8.
Salvaging apparatus. J. B. Barnett. 2,359,964; Oct. 10.
Salvaging apparatus and system. H. O. Lente. 2,347,491; Apr. 25.
Salvaging apparatus for sunken vessels. W. K. Kannenberg. 2,347,690; May 2.
Sample cutting machine, Automatic. T. Jordan. 2,352,204; June 27.
Sampler, Automatic. J. W. Bertetti. 2,349,403; May 23.
Sampler, Bottom hole. T. V. Moore. 2,364,464; Dec. 5.
Sampler, Bottom hole or subsurface. R. C. Pryor. 2,342,367; Feb. 22.
Sampler for deep wells, Side. W. J. Barnhart. 2,353,435; July 11.
Samples, Obtaining and measuring gaseous. H. U. Jarrett. 2,351,764; June 20.
Sampling device. W. N. Oswald. 2,358,470; Sept. 19.
Sampling device. J. S. Swearingen. 2,363,625; Nov. 28.
Sampling device, Ore. C. H. Shaw. 2,361,967; Oct. 24.
Sampling machine. C. V. Swearingen. 2,352,234; June 27.
Sand blast abrading machine. A. J. Kenney. 2,360,140; Oct. 10.
Sand blasting. J. N. Voerge. 2,348,505; May 9.
Sandblasting apparatus. R. G. Le Tourneau. 2,351,272; June 13.
Sandblasting device. W. P. Mott. 2,357,599; Sept. 5.
Sand cores, Production of. W. C. Dearing and L. S. Meyer. 2,358,002; Sept. 12.
Sand drier. G. G. Batelan. 2,339,370; Jan. 18.
Sand reconditioning and retempering apparatus. E. H. Whittaker. 2,347,226; Apr. 25.
Sand timing instrument. F. H. Hagner. 2,365,072; Dec. 12.
Sander for locomotive valves. E. R. Hauer and E. L. Cull. 2,360,226; Oct. 10.
Sanding control means. J. Canetta. 2,352,252; June 27.
Sanding machine and sanding ceramic ware. H. V. Schweitzer. 2,359,879; Oct. 10.
Sanding machine, Chinaware. W. H. Emerson. 2,347,940; May 2.
Sands discharge valve. H. A. Linch. 2,340,246; Jan. 25.
Sands, Mold-facing. C. B. Shanley. 2,348,155; May 2.
Sands, Treatment of oil producing. P. H. Jones and M. T. Flaxman. 2,342,106; Feb. 22.
Sands, Treatment of oil productive. W. M. Newton and P. H. Jones. 2,342,424; Feb. 22.
Sandwich making machine. G. H. Keller. 2,356,853; Aug. 29.
Sanitary individual toilet seat cover. H. Halsn. 2,342,048; Feb. 15.
Sanitary tissue container. T. Wensel, Jr. 2,345,309; Mar. 28.
Sanitizing device. R. W. Bergman. 2,350,091; May 30.
Sapogenin derivatives and preparation of same. R. E. Marker. 2,352,850; July 4.
Sapogenin derivatives and preparation of same. R. E. Marker, H. M. Crooks, Jr., and E. L. Wittle. 2,352,851; July 4.
Sapogenin transformation products and preparation of the same. R. E. Marker. 2,352,852; July 4.
Saponification. V. R. Kokatnur. 2,347,565; Apr. 25.
Saponifying vitamin-containing fatty material. L. O. Buxton. 2,345,098; Mar. 28.
Sash and screen structure, Combination storm. V. E. Anderson. 2,365,238–9; Dec. 19.
Sash and store front construction. C. D. Lowry. 2,342,352; Feb. 22.
Sash balance. J. Francia. 2,359,552; Oct. 3.
Sash balance. A. Viehweger. 2,365,156; Dec. 19.
Sash balance, Window. A. Morrison. 2,365,969; Dec. 26.
Sash lock. M. L. Dilks. 2,353,953; July 18.
Sash lock. M. I. Ostrowski. 2,357,608; Sept. 5.
Sash lock. C. A. Pressnall. 2,356,427; Aug. 22.
Sash, Window. H. H. Hebestreit. 2,365,954; Dec. 26.
Satellite communication system. T. A. Marshall. 2,353,055; July 4.
Saturated hydrocarbon carboxylic acids with admixed sulphur dioxide and chlorine, Reaction of. A. L. Fox. 2,346,569; Apr. 11.
Saucer. A. Rasch. 2,348,028; May 2.
Sauerkraut, Producing and storing. W. H. Harrison. 2,345,814; Apr. 4.
Sausage composition. S. Musher. 2,355,548; Aug. 8.
Sausage linking machine. R. Swoboda, Sr. 2,356,099; Aug. 15.
Sausage machine. K. Gotzinger. 2,341,609; Feb. 15.
Sausages and sausage casings, Treatment of. G. Redemske. 2,365,728; Dec. 26.
Saving life, Means for. C. P. Harrison and C. W. Saunders. 2,364,787; Dec. 12.
Saw. W. K. Beckwith. 2,349,400; May 23.
Saw. A. N. Blum. 2,351,737; June 20.
Saw and hydraulic control mechanism, Metal. J. J. Zimmerman. 2,365,987; Dec. 26.
Saw and making the same, Diamond. V. T. Paré. 2,361,492; Oct. 31.
Saw attachment for tractors. P. C. Dellinger and M. L. Sensenig. 2,350,880; June 6.
Saw, Beef scribe. C. E. Dillon. 2,339,643; Jan. 25.
Saw, Chain. A. N. Blum. 2,351,739–40; June 20.
Sawdust burner feeder. R. H. Blusson. 2,354,647; Aug. 1.
Sawdust recovery process and apparatus. C. M. Adams. 2,342,321; Feb. 22.
Saw equipment for tractors. L. D. Hillyer. 2,365,408; Dec. 19.
Saw gauge. A. Olson. 2,330,509; Jan. 18.
Sawhorse. E. H. Johnson. 2,343,557; Mar. 7.
Saw jointing device. G. A. Vaipan. 2,354,228; July 25.
Saw lubricating device. J. E. Johnson. 2,354,379; July 25.
Saw machine, Reciprocating. M. A. Lethenstrom. 2,347,918; May 2.
Saw, particularly for metals. M. Meyerbach. 2,360,070; Oct. 10.
Saw, Power. G. Arsneau. 2,348,588; May 9.
Saw, Power chain. R. W. Shade. 2,357,230; Aug. 29.
Saw retoother. H. P. Deyarmond. 2,347,087; Apr. 18.
Saw rig. E. D. Adams. 2,354,006; July 18.
Saw setting tool. E. Ogle. 2,359,668; Oct. 3.
Saw, Timber. R. L. Brownlee. 2,353,873; July 18.
Saw-tooth deflection. K. R. Wendt. 2,343,822; Nov. 28.
Saw-tooth wave generation. H. T. Lyman. 2,360,697; Oct. 17.
Saw, Universal power. P. Van Sickle. 2,354,625; July 25.
Sawing, Bevel method. E. P. Stamm. 2,344,426; Mar. 14.
Sawing machine, Portable. T. S. James. 2,357,953; Sept. 12.
Scabbard. E. L. Beckwith and C. P. MacIver. 2,361,735; Oct. 31.
Scaffold. W. Buckles. 2,360,105; Oct. 10.
Scaffold. T. M. Dugan and A. C. Marton. 2,361,614; Oct. 31.
Scaffold. L. A. Reiner. 2,359,583; Oct. 3.
Scaffold, Airplane. R. L. Bailey and L. J. Hennessy. 2,354,905–6; Aug. 1.
Scaffold, Circular. W. M. Jordan. 2,346,033; Apr. 4.
Scaffold hanger for ladders. W. C. Yarmolowich. 2,351,310; June 13.
Scaffold, Portable folding. R. H. Swaisgood. 2,362,170; Nov. 7.
Scaffold, Roof. R. J. Born. 2,341,510; Feb. 15.
Scaffold structure, Portable. P. A. Wyen. 2,360,999; Oct. 24.
Scaffolding. C. W. Attwood. 2,363,382; Nov. 21.
Scaffolding. M. A. Paquette. 2,340,487; Feb. 1.
Scaffolding and apparatus therefor. H. Sway. 2,346,338; Apr. 11.
Scaffolding bracket. R. L. and D. R. Brown. 2,348,954; May 16.
Scale. W. N. Stone. 2,353,974; July 18.
Scale. C. M. Ware. 2,365,735; Dec. 26.
Scale, Classifying. M. A. Weckerly. 2,364,832; Dec. 12.
Scale, Combination. B. F. Brown. 2,354,737; Aug. 1.
Scale, Focus drawing. H. Scheller. 2,350,068; May 30.
Scale, Hydraulic. R. S. Bohannan. 2,341,174; Feb. 8.
Scale or balance. M. Katz. 2,350,622; June 6.
Scale, Percentage indicating. L. S. Williams. 2,355,350; Aug. 8.
Scale, Precision. E. D. Hurley. 2,352,838; July 4.
Scale, Weighing. G. R. Bennett. 2,350,321; June 6.
Scale, Weighing. R. S. Bohannan. 2,341,173; Feb. 8.
Scale, Weighing. R. S. Bohannan. 2,352,935; July 4.
Scale, Weighing. E. J. Elsner. 2,344,554; Mar. 21.
Scale, Weighing. H. O. Hem. 2,341,216; Feb. 8.
Scale, Weighing. H. W. Hem. 2,355,292–3; Aug. 8.
Scale, Weighing. S. N. Hurt. 2,343,615; Mar. 7.
Scale, Weighing. D. B. Kendall. 2,346,108; Apr. 4.
Scale, Weighing. C. O. Marshall and L. S. Williams. 2,341,226; Feb. 8.
Scale, Weighing. R. Q. Parks. 2,358,877; Sept. 26.
Scale, Weighing. H. P. Stabler. 2,346,117; Apr. 4.
Scale, Weighing. M. D. Varney and L. H. Spiers. 2,341,507; Feb. 8.
Scale, Weighing. M. A. Weckerly. 2,346,120–1; Apr. 4.
Scale, Weighing. M. A. Weckerly. 2,348,372; May 9.
Scale, Weighing. M. A. Weckerly. 2,355,347; Aug. 8.
Scale, Weighing. L. S. Williams. 2,348,374–5; May 9.

Scale, Weighing. L. S. Williams. 2,364,837; Dec. 12.
Scaler, Fish. F. M. Koon. 2,338,647; Jan. 4.
Scales from fish, Method and apparatus for. M. P. Vucassovich. 2,355,405; Aug. 8.
Scaling tool. R. D. Gray and J. R. Denison. 2,356,314; Aug. 22.
Scaling, Preventing reboiler. C. G. Gerhold. 2,365,543; Dec. 19.
Scarecrows for gardens and the like. A. Lenhardt. 2,357,900; Sept. 12.
Scarf. E. O. Herbranson. 2,346,918; Apr. 18.
Scarf, Neck. N. Gold. 2,355,290; Aug. 8.
Scarfing. W. G. Sylvester. 2,365,308; Dec. 19.
Scarfing, Method of. J. L. Anderson. 2,346,718; Apr. 18.
Scarifier. E. K. Troup. 2,354,560; July 25.
Scavenging apparatus. W. Uhlig. 2,358,609; Sept. 19.
Scissor. M. L. Cohn. 2,355,364; Aug. 8.
Scissors. E. G. Boyle. 2,343,527; Mar. 7.
Scissors. I. R. C. Edwards. 2,361,387; Oct. 31.
Scissors holder for aprons. A. G. Johnson. 2,363,065; Nov. 21.
Scissors, Power operated. V. Gaudio. 2,348,895; May 16.
Scoop-and-boom structure, Combination. K. W. Couse. 2,354,740; Aug. 1.
Scoop, Air intake. D. J. Jordan. 2,352,790; July 4.
Scoop attachment for tractors, Power pickup. B. F. Arps. 2,364,121; Dec. 5.
Scoop for aircraft. S. E. Heymann. 2,362,552; Nov. 14.
Scoop, Offset double-acting. L. H. Morin. 2,355,996; Aug. 15.
Scooter. J. F. Jordan. 2,345,052; Mar. 28.
Scooter bob. M. D. Asbury. 2,359,076; Sept. 26.
Scoreboard. B. A. Warmey and W. J. Moreland, Jr. 2,348,431; May 9.
Scoring device for examination papers. W. J. Kennerly. 2,357,744; Sept. 5.
Scoring device for the game of bridge. M. A. Zulficar. 2,365,130; Dec. 12.
Scoring machine. J. M. Hothersall. 2,361,401; Oct. 31.
Scouring device and making the same. D. J. Kelman. 2,350,357; June 6.
Scouring machine, Grain. P. M. Larmon. 2,342,871; Feb. 29.
Scrap containing vulcanized copolymers of butadiene-1,3 and compounds copolymerizable therewith. W. G. Kirby and L. E. Steinle. 2,359,122; Sept. 26.
Scrap cutter. F. M. Littell. 2,349,874. May 30.
Scrap steel, Recovery and use of. E. H. Heckett. 2,352,712; July 4.
Scraper. S. F. and G. E. Armington. 2,345,313; Mar. 28.
Scraper. J. A. Disse. 2,350,157; May 30.
Scraper. J. A. Disse. 2,353,296; July 11.
Scraper. J. A. Disse. 2,359,408; Oct. 3.
Scraper. C. Ericksen. 2,347,473; Apr. 25.
Scraper. R. S. Horner. 2,346,757; Apr. 18.
Scraper. J. H. Sassano. 2,351,711; June 20.
Scraper. G. D. Shaeffer. 2,347,291; Apr. 25.
Scraper and loader. E. Wommer. 2,341,007; Feb. 8.
Scraper apparatus. G. E. Daniels. 2,349,576; May 23.
Scraper attachment for tractors, Power pickup and dumping. B. F. Arps. 2,352,466; June 27.
Scraper blades, Making. H. E. Somes. 2,352,028; June 20.
Scraper. Fish. N. Kaplan. 2,345,607; Apr. 4.
Screen for filter screens, Automatic. W. M. Cary. 2,363,830; Nov. 28.
Scraper, Heated. V. E. Robbins. 2,352,010; June 20.
Scraper, Load carrying. I. H. Brown and G. S. Allin. 2,363,225; Nov. 21.
Scraper mechanism. J. P. Seaholm. 2,353,790; July 18.
Scraper, Tumbling. W. C. Elliott. 2,348,117; May 2.
Scratch bit. J. F. McQuillan, Sr. 2,350,055; May 30.
Screed chair. B. Hillberg. 2,345,976; Apr. 4.
Screed construction for road finishing machines. H. H. Barber. 2,351,593; June 20.
Screed unit. A. S. Millikin and J. H. Apel. 2,358,085; Sept. 12.
Screen: *See*—
Complete well screen.
Deep well screen.
Diaphragm screen.
Diffusing screen.
Fire screen.
Gravity spent beer screen.
Oil well liner screen.
Projection screen.
Pulp screen.
Rollable window screen.
Roller window screen.
Steel frame thresher screen.
Table covering screen.
Television viewing screen.
Well screen.
Window screen.
Screen. C. Dreyfus. 2,353,224; July 11.
Screen. N. A. Gray. 2,358,970; Sept. 26.
Screen. M. Kutil. 2,338,649; Jan. 4.
Screen. C. H. Nordell. 2,358,655; Sept. 19.
Screen. L. F. Sattele and A. H. Ziegler. 2,351,712; June 20.
Screen and storm window. C. Rick. 2,345,886; Apr. 4.
Screen and the like, Wind and rain. R. W. Lee. 2,358,934; Sept. 26.
Screen cleaner for corn sizing apparatus. H. L. Johnson. 2,354,378; July 25.
Screen cloth tightening means. C. S. Lincoln. 2,338,523; Jan. 4.
Screen display. V. L. Minet. 2,340,200; Jan. 25.
Screen for paper stock and the like. O. Imset. 2,351,048; June 13.
Screen for photographers and the like, Background. A. B. Coleman. 2,364,695; Dec. 12.
Screen for pictures and the like, Display. H. G. Rogers. 2,365,010; Dec. 12.
Screen for windows, Retractible and expansible inside. A. E. Davis. 2,341,023; Feb. 8.
Screen holder. W. J. Starr. 2,350,200; May 30.
Screen material. H. W. Thomas. 2,364,404; Dec. 5.
Screen or webbing material. W. Dubilier. 2,355,635; Aug. 15.
Screen pipe, Apparatus for making. G. R. Moss and J. F. Maloney. 2,358,873; Sept. 26.
Screen plates, Making paper pulp. S. T. Orton. 2,352,968; July 4.
Screen structure, Well. D. B. Collins and W. S. E. Crake. 2,359,710; Oct. 3.
Screening and washing paper pulp. F. J. Lang and G. R. Jaeger. 2,360,779; Oct. 17.
Screening apparatus. W. J. Parks. 2,345,947; Apr. 4.
Screening apparatus. W. J. Parks. 2,355,891; Aug. 15.
Screening device. S. J. Gilson. 2,358,453; Sept. 19.
Screens, Cleaning well. N. E. Gunderson. 2,365,872; Dec. 26.
Screens, Controlling vibratory. J. H. V. Finney and G. Ellen. 2,358,449; Sept. 19.
Screw anchor. B. Weiss. 2,346,283; Apr. 11.
Screw and similar machine. C. A. Rich and W. E. Twamley. 2,345,686; Apr. 4.
Screw and washer assembly machine. O. J. Poupitch. 2,343,798; Mar. 7.
Screw cap. H. F. George. 2,363,665; Nov. 28.
Screw, Cap. D. B. Whitney. 2,353,531; July 11.
Screw device, Antifriction. H. S. Hoffar. 2,343,507; Mar. 7.
Screw device, Self-locking. R. T. Rosking. 2,349,591–3; May 23.
Screw-down mechanism for rolling mills. E. B. Hudson. 2,343,671; Mar. 7.
Screw driver. G. Prall. 2,351,705; June 20.
Screw driver. G. W. Scott. 2,352,917; July 4.
Screwdriver type tool. A. H. Volz. 2,339,210; Jan. 11.
Screw fastener. E. M. Green. 2,346,835; Apr. 18.
Screw fastening with self riveting-head. F. L. Davis. 2,343,283; Mar. 7.
Screw for plastics. J. J. Tomalis. 2,352,982; July 4.
Screw gauge. R. Wildermuth. 2,341,679; Feb. 15.
Screwhead. E. S. Hewitt. 2,362,999; Nov. 21.
Screw machine, Automatic. F. G. Silva and W. S. Seymour. 2,348,657; May 9.
Screw machine, Automatic. F. G. Silva and W. S. Seymour. 2,364,169; Dec. 5.
Screw or bolt, Self-locking. A. J. Cherry. 2,360,826; Oct. 24.
Screw press. W. R. Schmitz, Jr. 2,360,984; Oct. 24.
Screw-receiving fasteners, Forming. H. W. Kost. 2,366,114; Dec. 26.
Screw rolling. C. C. Richards. 2,348,850; May 16.
Screw, Self-locking. W. M. Hanneman. 2,352,540; June 27.
Screw, Self-locking valve tappet. C. E. Johnson. 2,361,107; Oct. 24.
Screw, Self-tapping. C. R. Gaskell. 2,350,346; June 6.
Screw, Stoker riser. S. G. Jones. 2,363,968; Nov. 28.
Screw thread for high strength bolting. E. A. Davis. 2,349,651; May 23.
Screw-threading machine. W. Plagemann and W. Wemhöner. 2,342,817; Feb. 29.
Screw threads, Producing relief in. S. J. Harley and J. E. Wainwright. 2,357,192; Aug. 29.
Screw type fastener. C. H. Jenkins. 2,338,333; Jan. 4.
Screw type trailer landing gear. E. L. Miller. 2,347,921; May 2.
Scriber. F. W. Heide. 2,346,840; Apr. 18.
Scriber, Adjustable circumference. T. H. Burch. 2,347,659; May 2.
Scribing instrument. M. Passick and F. Ouellette. 2,354,539; July 25.
Scribing tool. H. H. Thorne. 2,345,367; Mar. 28.
Scroll strip and forming same. P. E. Pearson. 2,345,882; Apr. 4.
Scrubbing, Method of. G. C. Schauffler and R. C. Shoemaker. 2,345,294; Mar. 28.
Scrubbing or cleaning machine. M. A. Buckley. 2,343,532; Mar. 7.
Scull for boats. E. H. Kruse. 2,365,415; Dec. 19.
Scythe. G. Robichaud. 2,363,084; Nov. 21.
Seaplane. J. F. Parker. 2,347,841; May 2.
Seal. M. S. Baker. 2,362,341; Nov. 7.
Seal. F. S. Eves. 2,362,125; Nov. 7.
Seal. A. S. Mackey. 2,343,564; Mar. 7.
Seal. W. W. Meyer. 2,342,955; Feb. 29.
Seal. N. S. Reynolds. 2,352,343; June 27.
Seal. N. S. Reynolds. 2,358,536; Sept. 19.
Seal. W. Stelzer. 2,346,197; Apr. 11.
Seal applying machine. E. R. Rehfeld. 2,349,197; May 16.
Seal arrangement. I. M. Laddon. 2,361,298; Oct. 24.
Seal between center electrode and insulator of spark plugs, Effecting. J. A. Jeffery. 2,351,128; June 13.
Seal, Binder strap. G. A. Crosby. 2,344,804; Mar. 21.
Seal construction. J. A. Antonelli. 2,348,587; May 9.
Seal construction. O. G. Odelius. 2,348,405; May 9.
Seal, Door. E. H. Galford. 2,365,403; Dec. 19.

Seal, File folder. T. E. Robinson. 2,363,806; Nov. 28.
Seal, Filter distribution. W. J. Hughes. 2,365,272; Dec. 19.
Seal, Fluid. H. D. Geyer. 2,352,784; July 4.
Seal, Fluid. A. J. Matter. 2,365,351; Dec. 19.
Seal for adapters and regulators. Lift-off. T. B. Martin and K. L. Berninger. 2,352,336; June 27.
Seal for antifriction bearings. D. E. Batesole and G. H. Kendall. 2,353,988; July 18.
Seal for artificial respirators, Neck. L. Schlobohm and A. J. Farrar. 2,362,935; Nov. 14.
Seal for fire extinguishers, Safety. F. Fredriksen. 2,346,741; Apr. 18.
Seal for floating tank roof side wall shoes, Top. J. H. Wiggins. 2,354,629; July 25.
Seal for hatch covers. R. L. Redmond. 2,360,276; Oct. 10.
Seal for ignition coils, Terminal. H. L. Hartzell. 2,348,254; May 9.
Seal for pressure vessels and the like. R. A. Sandberg. 2,353,589; July 11.
Seal, for rotating shafts, Fluid. C. W. Stratford. 2,362,436; Nov. 7.
Seal for submersible structures. T. G. Myers. 2,354,874; Aug. 1.
Seal for subsurface pressure gauges. R. C. Pryor. 2,361,794; Oct. 31.
Seal forming mechanism. F. H. Wells. 2,357,786; Sept. 5.
Seal, Glass-to-metal. H. Pulfrich and R. Magner. 2,338,538; Jan. 4.
Seal, Hydraulic. R. L. Comb. 2,362,975; Nov. 21.
Seal, Jar. G. E. Ostrom. 2,359,380; Oct. 3.
Seal joint. J. J. de la Rosa, Sr. 2,364,133; Dec. 5.
Seal, Liquid. F. Bottomley. 2,365,046; Dec. 12.
Seal, Lubricant. M. Katcher. 2,347,953; May 2.
Seal, Oil. E. G. Boden. 2,341,900; Feb. 15.
Seal, Oil. L. G. Krug. 2,363,110; Nov. 21.
Seal or joint, Self-closing. A. P. Robinson. 2,357,688; Sept. 5.
Seal, Oven door. J. F. Hennessy and J. I. Thulander. 2,339,398; Jan. 18.
Seal packing. H. D. Starr. 2,347,296; Apr. 25.
Seal, Radiant heat. H. E. Hallman. 2,358,455; Sept. 19.
Seal, Shackle. S. M. Moberg. 2,345,767; Apr. 4.
Seal, Shaft. R. C. Reinhardt, R. L. Jones, and L. N. Blackhurst. 2,354,478; July 25.
Seal, Shaft. T. J. Shellenberger. 2,340,022; Jan. 25.
Seal, Stuffing box. G. L. Waddell. 2,349,024; May 16.
Seal, Wedge-ring. T. R. Smith. 2,360,731; Oct. 17.
Seal, X-ray tube anode. N. H. Stewart. 2,358,668; Sept. 19.
Sealed type tail, stop, and direction signal. H. B. Donley. 2,343,754; Mar. 7.
Sealed universal mounting. P. M. Kemmer, C. E. Reichert, and C. J. Spere. 2,339,783; Jan. 25.
Sealing and testing well head connection. R. N. Bean, S. Abercrombie, and H. Allen. 2,350,867; June 6.
Sealing apparatus. C. J. Malbiot. 2,346,776; Apr. 18.
Sealing apparatus. A. J. White and A. J. Marshaus. 2,361,517; Oct. 31.
Sealing composition. H. E. Hughes. 2,355,977; Aug. 15.
Sealing device. E. F. Jackman. 2,349,170; May 16.
Sealing device, Fluid. T. E. Frankenfield. 2,365,065; Dec. 12.
Sealing device for dispensers. Le R. P. Root. 2,362,404; Nov. 7.
Sealing earth formations. H. L. Reed. 2,341,573; Feb. 15.
Sealing edge for installation of piers, Self-adjusting. A. D. Quinn. 2,354,142; July 18.
Sealing gasket for syphon bottles and the like. G. G. Freygang. 2,344,985; Mar. 28.
Sealing glass to iron. A. J. Monack. 2,345,278; Mar. 28.
Sealing head and machine. K. R. Karlson. 2,352,899; July 4.
Sealing head, High-pressure. F. K. Fischer. 2,342,186; Feb. 22.
Sealing-in apparatus. A. J. White. 2,359,501; Oct. 3.
Sealing-in method. A. J. White. 2,359,500; Oct. 3.
Sealing machine. W. Stelzer. 2,361,884; Oct. 31.
Sealing machine. J. J. Williams. 2,343,104; Feb. 29.
Sealing means. R. A. Goepfrich. 2,349,346; May 23.
Sealing means, Cabinet. W. D. Rossiter. 2,356,276; Aug. 22.
Sealing means for bags. D. F. Dreher and H. E. Lansit. 2,355,786; Aug. 15.
Sealing off porous formations. H. C. Lawton. 2,348,484; May 9.
Sealing ring or the like. C. M. Doede. 2,362,363; Nov. 7.
Sealing strip. L. K. Loftin. 2,359,375; Oct. 3.
Sealing strip and making same. U. L. Harmon. 2,357,513; Sept. 5.
Sealing tool. J. R. Proctor. 2,359,528; Oct. 3.
Sealing unit. A. J. Matter. 2,347,118; Apr. 18.
Seam for pile-fabric articles and making the same, Edge-finishing. G. W. Wesson. 2,360,747; Oct. 17.
Seam structure for flexible ventilating tubing. W. H. Evans. 2,350,158; May 30.
Seaming and pinking mechanism, Combined. G. Stevenson. 2,352,572; June 27.
Seaming and trimming machine, Combined. C. H. Weissenberg. 2,363,713; Nov. 28.
Searchlight attachment for gun sights. H. Schmitt. C,253; Jan. 25.

Seat; *See*—
Adjustable automobile seat.
Automobile seat.
Auxiliary bicycle seat.
Aviator's seat.
Child's folding seat.
Collapsible seat.
Cushion seat.
Dual bicycle seat.
Rafter seat.
Spring seat.
Theater seat.
Vehicle seat.

Seat. G. W. Hamel. 2,345,970; Apr. 4.
Seat. A. F. Hickman and H. I. Popp. 2,357,825; Sept. 12.
Seat, Adjustable. F. H. Corber. 2,345,182; Mar. 28.
Seat adjusting device. T. G. Moulding. 2,351,778; June 20.
Seat and making the same. J. E. Bloomberg. 2,347,538; Apr. 25.
Seat and platform, Window. F. A. G. Denst. 2,360,656; Oct. 17.
Seat and the like. I. C. Tyler. 2,365,026; Dec. 12.
Seat construction, Flexible valve. A. M. Wahl and F. B. Johnson. 2,352,047; June 20.
Seat construction, Soft edge. L. T. Mayer. 2,356,417; Aug. 22.
Seat cushion construction. T. W. Stedman. 2,354,436; July 25.
Seat facing machine. E. H. Delahan and A. G. Frojd. 2,356,226; Aug. 22.
Seat for young children, Collapsible or folding. F. O. Aylor. 2,340,789; Feb. 1.
Seat mast clusters and like structures, and product thereof, Forming. C. P. Ball, Jr. 2,356,732; Aug. 29.
Seat operated switch. O. K. Silver. 2,350,254; Sept. 26.
Seat or back, Resilient. A. Story. 2,347,617; Apr. 25.
Seat or bench structure for bowling alleys. E. J. Cloutier. 2,338,838; Jan. 11.
Seat slide structure. W. F. Thoma. 2,360,805; Oct. 17.
Seat support. W. J. Kiefer. 2,364,225; Dec. 5.
Seat supporting device, Adjustable. J. S. Pecker and H. A. Simpson. 2,353,497; July 11.
Seating device for children, Foldable. N. Hammer. 2,349,092; May 16.
Secondary recovery apparatus. W. J. Crites. 2,347,769; May 2.
Secret panel bathing cap. I. W. Bertino. 2,341,897; Feb. 15.
Section brush for vacuum cleaners. W. Weimers. 2,350,949; June 6.
Section insulator. A. J. Knight. 2,347,913; May 2.
Section insulator. S. S. Matthes. 2,362,759; Nov. 14.
Sectional channel closure means. J. N. Blank. 2,355,845; Aug. 15.
Sectional fireplace heater. A. B. Austin. 2,362,526; Nov. 14.
Sectional sole and connecting means therefor. H. and O. Ghez. 2,342,188; Feb. 22.
Sector arm for weighing scales. H. P. Holt. 2,341,779; Feb. 15.
Securing clamp. D. Ingalls. 2,351,858; June 20.
Securing clip. E. G. Doke. 2,354,506; July 25.
Securing clip. R. A. Schneider. 2,353,933; July 18.
Securing device, Releasable. A. E. Lumsden. 2,364,906; Dec. 12.
Securing means. P. F. Scofield. 2,340,620; Feb. 1.
Securing means for adhesively held parts. G. Beiter. 2,345,025; Mar. 28.
Securing member for rope and cable. L. H. Garlinghouse. 2,364,628; Dec. 12.
Sediment test record card. M. Kohn. 2,350,239; May 30.
Sedimentation apparatus. V. Harms. 2,344,355; Mar. 14.
Sedimentation apparatus. E. J. Roberts, W. C. Weber, and A. J. Fischer. 2,340,226; Jan. 25.
Sedimentation apparatus. C. H. Scott. 2,360,817; Oct. 17.
Seed bearing cord, Gelatinized. A. C. Fischer. 2,338,103; Jan. 4.
Seed cultivation. B. Németh. 2,350,801; June 6.
Seed drill and fertilizer attachment, Sugar beet. H. H. and W. A. Radde. 2,354,541; July 25.
Seed gathering attachment for farm implements. H. O. Halley and R. B. Thompson. 2,345,949; Apr. 4.
Seed grading machine. G. Lundin. 2,349,442; May 23.
Seed hopper device. R. A. Ratcliff. 2,361,123; Oct. 24.
Seed planter. E. E. Englund. 2,360,319; Oct. 17.
Seeder. C. T. Peacock. 2,357,760; Sept. 5.
Segmental abrasive wheel. G. N. Jeppson and T. Larsson. Re. 22,457; Mar. 14.
Segmental washer. R. B. Summers. 2,358,606; Sept. 19.
Seismic exploration method. E. Merten and J. P. Woods. 2,353,484; July 11.
Seismic prospecting. W. G. Green. 2,364,209; Dec. 5.
Seismic prospecting. R. L. Lay, B. H. Treybig, Jr., and L. M. Hubby. 2,351,524; June 13.
Seismic Prospecting. W. E. Pugh. 2,345,288; Mar. 28.
Seismic prospecting. N. H. Ricker. 2,351,456; June 13.
Seismic prospecting. N. H. Ricker. 2,354,548; July 25.
Seismic prospecting. J. A. Sharpe. 2,355,826; Aug. 15.
Seismic recording system. C. Reichert. 2,340,770; Feb. 1.
Seismic surveying. W. O. Bashaw and J. O. Parr, Jr. 2,354,650; Aug. 1.
Seismic surveying. J. D. Eisler. 2,346,369; Apr. 11.
Seismic surveying. F. C. Farnham. 2,340,314; Feb. 1.

Seismic surveying. J. O. Parr, Jr. 2,348,409; May 9.
Seismic surveying. J. O. Parr, Jr. 2,352,494; June 27.
Seismic surveying. O. S. Petty. 2,261,648; Oct. 31.
Seismic surveying. O. S. Petty. 2,365,229; Dec. 19.
Seismic surveying, E. M. Shook and R. W. Olson. 2,340,275; Jan. 25.
Seismic surveying. J. F. Tolk. 2,352,869; July 4.
Seismograph amplification gain control. C. H. Fay. 2,352,825; July 4.
Seismographic curves, Correlating. O. S. Petty. 2,348,411; May 9.
Selecting, reproducing, and assembling items of data. C. F. McConnell and C. E. Smith. 2,357,674; Sept. 5.
Selecting system. N. L. Hall. 2,350,888; June 6.
Selecting system. N. D. Newby. 2,351,360; June 13.
Selective fluid valve. J. H. T. Millington. 2,341,940; Feb. 15.
Selective fuel tank content indicator. E. L. Bedard. 2,356,200; Aug. 22.
Selective signalling system and apparatus. L. M. Potts. 2,349,304; May 23.
Selective switch. K. L. Frederick. 2,339,472; Jan. 18.
Selective switch. W. H. T. Holden. 2,349,279; May 23.
Selectivity apparatus. L. de Kramolin. 2,351,934; June 20.
Selector and display device. A. M. Barrett. 2,339,044; Jan. 11.
Selector apparatus. L. M. Potts. 2,338,131; Jan. 4.
Selector, Bobbin stack. V. H. Jennings and W. H. Wakefield. 2,364,979; Dec. 12.
Selector mechanism for automatic phonographs. T. M. Wright. 2,345,545; Mar. 28.
Selector, Station. G. M. Lane and H. W. Mackey. 2,365,088; Dec. 12.
Selector switch. C. N. Hickman. 2,362,632; Nov. 14.
Selector switch. W. H. T. Holden. 2,351,967; June 20.
Selector switch. C. F. Robbins. 2,357,971; Sept. 12.
Selector switch. W. O. Wagensell. 2,352,352; June 27.
Selector valve. G. T. Downey. 2,354,592; July 25.
Selector valve with automatic return. R. B. Campbell. 2,342,450; Feb. 22.
Selenium cells, Manufacturing. H. Herrmann. 2,342,278; Feb. 22.
Selenium coatings, Forming. E. A. Flood. 2,354,109; July 18.
Selenium elements, Making. A. J. Miller and E. P. Sauerborn. 2,359,377; Oct. 3.
Selenium elements, Making. A. J. Miller and I. R. Taylor. 2,364,642; Dec. 12.
Selenium elements, Treating. O. Saslaw. 2,356,094; Aug. 15.
Selenium, Prodncing. N. R. Bierly. 2,349,697; May 23.
Selenium rectifier. O. Saslaw. 2,361,969; Nov. 7.
Selenium rectifier and making it. W. C. Ellis and A. G. Souden. 2,362,545; Nov. 14.
Self-automatic mechanical jack. J. F. Fanés. 2,353,021; July 4.
Self-balancing lid support. E. W. North and R. A. Stone. 2,364,747; Dec. 12.
Self-centering device. W. L. Brockway. 2,363,940; Nov. 28.
Self-cleaning filter. W. Jokel. 2,366,112; Dec. 26.
Self-cleaning plate feeder. H. R. Patterson. 2,353,067; July 4.
Self-closing safety pin. A. E. Jordan. 2,359,115; Sept. 26.
Self-closing valve. L. E. Harper. 2,355,862; Aug. 15.
Self-conforming tractor jack. I. W. McCue. 2,348,743; May 16.
Self feeder. F. A. Stafford. 2,357,698; Sept. 5.
Self-feeding soldering iron. G. Hagglund. 2,360,672; Oct. 17.
Self-lapping valve device. C. S. Kelley. 2,358,644; Sept. 19.
Self-loading device for shaker conveyers. L. D. Hagenbook. 2,343,144; Feb. 29.
Self-locking adjustable device. C. J. Hull. 2,360,134; Oct. 10.
Self-locking clamp. S. I. Gordon. 2,348,618; May 9.
Self-locking closure operator. E. O. Martinson. 2,342,812; Feb. 29.
Self-lubricated bearing. M. O. Thrush. 2,358,669; Sept. 19.
Self-lubricating bearing. B. Schroeter. 2,360,370; Oct. 17.
Self-packing pipe joint mold. A. C. Fischer. 2,359,755; Oct. 10.
Self-releasing safety hook. M. A. Suares. 2,340,906; Feb. 8.
Self-sealing tube. G. T. Jacocks. 2,358,274; Sept. 12.
Self-sealing tank. J. A. Sperry. 2,360,525; Oct. 17.
Self service system for storage and utilisation of fuel gases. R. W. Thomas. 2,354,894; Aug. 1.
Self-setting retractor hook. H. E. Hobson. 2,364,215; Dec. 5.
Self-synchronising device. W. H. T. Holden. 2,363,791; Nov. 28.
Self-tapping screw. H. G. Muenchinger. 2,347,360; Apr. 25.
Self-tightening fastener. E. M. Green. 2,358,005; Sept. 12.
Self-trimming mold. V. S. Anderson. 2,354,241; July 25.
Self-venting tank valve. W. A. Lebus. 2,356,327; Aug. 22.
Selvage formation in reinforced widened heel of stocking blanks. P. Schoenster. 2,357,852; Sept. 12.
Semiautomatic machine intended for finishing the grooves of ball bearing rings. E. F. L. Beduneau. 2,356,499; Aug. 22.
Semitrailer construction. E. J. Sattler. 2,351,151; June 13.
Semitrailer, Power-operated automatic. R. M. Barnhart and J. S. Tormey. 2,363,851; Nov. 28.
Sender load control. O. Myers. 2,351,446; June 13.
Sensitized material holder or carrier for photographic synchroniser testing equipment. J. A. Sprague. 2,353,697; July 18.
Sensitizer containing a gel-forming colloidal clay. C. A. Crowley and J. B. Mullen. Re. 22,579; Dec. 19.
Sensitizing in color photography. R. M. Evans and W. T. Hanson, Jr. 2,360,214; Oct. 10.
Sensitometry. J. O. Baker. 2,361,447; Oct. 31.
Separable connector. W. H. Hunter. 2,363,592; Nov. 28.
Separable fastener. D. Marinsky and L. H. Morin. 2,349,580; May 23.
Separable fastener. D. Marinsky and L. H. Morin. 2,358,178; Sept. 12.
Separable fastener. N. Wahl. 2,343,349; Mar. 7.
Separable fastener. M. Winterhalter. 2,353,106; July 4.
Separable roller bearing. S. and M. R. Smith. 2,360,078; Oct. 10.
Separating hydrocarbons. F. E. Frey. 2,356,986; Aug. 29.
Separating mixed materials, Apparatus for and method of. W. L. Remick. 2,352,912; July 4.
Separating sulphur dioxide and chlorine from mixtures. A. W. Hixson and R. Miller. 2,340,961; Feb. 8.
Separating tool. R. Byers. 2,345,324; Mar. 28.
Separation. B. Horsfield. 2,361,207; Oct. 24.
Separation and purification of aromatic compounds. R. E. Burk. 2,343,744; Mar. 7.
Separation and purification of tocopherols. J. G. Baxter and J. D. Taylor. 2,350,713; June 6.
Separation apparatus. S. C. Carney. 2,343,401; Mar. 7.
Separation of di-isopropyl amine from isopropyl alcohol. J. F. McKenna. 2,348,683; May 9.
Separation of fine particles from gases by the aid of a washing liquid. W. F. Mode. 2,365,483; Dec. 19.
Separation of liquids of different boiling points from mixtures thereof by fractional distillation. W. J. Chadder. 2,365,050; Dec. 12.
Separation of mineral oils, tars, and fractions thereof. K. Fischer. 2,342,798; Feb. 29.
Separation of pyrite, arsenopyrite and pyrrhotite by flotation. E. C. Herkenhoff. 2,342,277; Feb. 22.
Separation of solid materials of different specific gravities. F. Trostler, T. Andrews, and W. R. Skelton. 2,345,513; Mar. 28.
Separation of tall oil into its constituents. J. D. Jenkins. 2,354,812; Aug. 1.

Separator; *See*—
Air separator.
Aspirating separator.
Battery separator.
Centrifugal dust separator.
Centrifugal separator.
Chip separator.
Crankcase-oil separator.
Dust separator.
Gas and oil separator.
Grease separator.
Helical centrifugal separator.
Juice separator.
Leaf separator.
Magnetic separator.
Oil, moisture, and gas separator.
Ore separator.
Progressive separator.
Roller bearing separator.
Steam separator.
Vortex separator.
Water separator.

Separator. W. de Fligué. 2,361,758; Oct. 31.
Separator. G. S. Dunham. 2,341,087; Feb. 8.
Separator. W. R. Freeman and C. B. Fites. 2,361,394; Oct. 31.
Separator. L. J. Hersh. 2,358,508; Sept. 19.
Separator. J. P. Johnson. 2,346,435; Apr. 11.
Separator. W. H. Mechlin. 2,356,775; Aug. 29.
Separator and gate therefor. H. W. Brentz. 2,345,866; Apr. 4.
Separator for batteries. L. A. Doughty. 2,360,658; Oct. 17.
Separator for cartridge cartons. E. B. Rice. 2,346,788; Apr. 18.
Separator for evaporators. M. J. Kermer. 2,338,117; Jan. 4.
Separator for well pumps. W. A. O'Bannon. 2,346,602; Apr. 11.
Separatory process. J. A. Camelford. 2,348,191; May 9.
Septic tank. W. M. Platt. 2,364,472; Dec. 5.
Sequence controller mechanism. H. E. Somes. 2,359,059; Sept. 26.
Sequence valve. R. D. Bennett. 2,347,238; Apr. 25.
Sequence valve. R. B. Campbell. 2,343,495; Mar. 7.
Serial numbering device. B. Cooper. 2,364,345; Dec. 5.
Serial numbers, Printing. K. H. Brownlee. 2,343,880; Mar. 14.
Series-capacitor single-pole switching. R. D. Evans. 2,345,924; Apr. 4.
Series variable voltage drive. R. S. Elberty, Jr. 2,366,090; Dec. 26.
Server and squeezer for citrus fruits, Combination. C. S. Nudelman and R. C. Meilach. 2,348,304; May 9.

Service and maintenance system. D. M. Johnson. 2,341,787; Feb. 15.
Service connector. A. C. Misch. 2,344,163; Mar. 14.
Service observing system. L. E. Van Damme. 2,360,989; Oct. 24.
Service tool. B. L. La Voy. 2,361,851; Oct. 31.
Serving machine, Strip. T. H. Krueger. 2,362,640; Nov. 14.
Serving machine, Strip. T. H. Krueger. 2,362,641; Nov. 14.
Serving plate. J. S. Braddock. 2,352,684; July 4.
Serving table. H. A. Treitel. 2,354,941; Aug. 1.
Servo mechanism. C. A. Frische and O. E. Esval. 2,348,211; May 9.
Servo mechanism. A. Raines and A. Martindell. 2,354,703; Aug. 1.
Servo mechanism of the hydraulic type. A. G. Frazer-Nash. 2,361,934; Nov. 7.
Servomotor. J. S. Morrison. 2,347,837; May 2.
Servomotor. K. T. Sorensen. 2,349,804; May 30.
Servo-motor. H. S. Wenander. 2,339,592; Jan. 18.
Servomotor, Fluid operated. G. E. Arnington. 2,342,329; Nov. 7.
Servomotor system, Fluid-actuated. F. W. Meredith. 2,346,857; Apr. 18.
Servomotor, Vacuum operated. S. E. Willett and S. H. Edge. 2,358,753; Sept. 19.
Servo system. R. N. Lesnick. 2,363,342; Nov. 21.
Set torque wrench. H. P. Morris. 2,365,486; Dec. 19.
Setscrew, Backlash resisting locking. H. G. Beede. 2,345,901; Aug. 15.
Setscrew, Locking. H. G. Beede. 2,355,899; Aug. 15.
Setscrew, Locking adjusting point. G. G. Beede and N. Monsarrat. 2,355,943; Aug. 15.
Setscrew, Locking wedge point. H. G. Beede. 2,355,900; Aug. 15.
Setting apparatus, Automatic fuse. R. R. Chappell and R. H. Colt. 2,351,743; June 20.
Setting device for registers. E. F. Britten, Jr. 2,363,114; Nov. 21.
Setting for finger rings, Interchangeable. M. Fitzer. 2,344,513; July 25.
Setworks. L. J. Peters. 2,342,967; Feb. 29.
17-aldehydo-androstanes and producing the same. W. Logemann and H. Dannenbaum. 2,344,992; Mar. 28.
17-oxy-17-acyl-androstanones and derivatives thereof and making same, Saturated and unsaturated. L. Ruzicka. 2,365,292; Dec. 19.
Severing machine. A. J. Jacobsen. 2,343,556; Mar. 7.
Sewage and apparatus therefor, Treating. J. D. Walker. 2,342,024; Feb. 15.
Sewage and the like, Purifying. A. Schreiber. 2,348,854; May 16.
Sewage clarifier. W. H. Green. 2,364,023; Nov. 28.
Sewage cutting or shredding device. N. Santucci. 2,341,817; Feb. 15.
Sewage purification. W. H. Green. 2,348,126; May 2.
Sewage sampler. H. W. Gillard and S. L. Adelson. 2,348,806; May 16.
Sewage screening system. J. D. Walker. 2,358,841; Sept. 26.
Sewage, System for treating. S. L. Tolman. 2,349,390; May 23.
Sewage treatment. W. H. Green. 2,348,125; May 2.
Sewage treatment. E. A. Kamp. 2,364,298; Dec. 5.
Sewage treatment. H. L. Olin. 2,345,828; Apr. 4.
Sewage, Treatment of. S. E. Linsley. 2,365,889; Dec. 26.
Sewage treatment process and apparatus. J. Gunz. 2,365,176; Nov. 21.
Sewed connection. E. J. King. 2,353,960; July 18.
Sewer trap. E. J. Prescott. 2,339,110; Jan. 11.
Sewing and cementing machine. F. Ashworth. 2,346,246; Apr. 11.
Sewing appliance. H. H. Sinning. 2,350,423; June 6.
Sewing machine. W. A. Andrea. 2,341,172; Feb. 8.
Sewing machine. B. Bryson. 2,364,515; Dec. 5.
Sewing machine. N. V. Christensen. 2,360,048; Oct. 10.
Sewing machine. N. V. Christensen, G. Sauer, and N. Wallenberg. 2,363,774; Nov. 28.
Sewing machine. A. B. Clayton. 2,339,240; Jan. 18.
Sewing machine. A. B. Clayton. 2,342,389; Feb. 22.
Sewing machine. A. B. Clayton. 2,350,726; June 6.
Sewing machine. D. A. Cumfer. 2,340,647; Feb. 1.
Sewing machine. F. A. Kucera. 2,361,776; Oct. 31.
Sewing machine. B. T. Leveque. 2,352,274–5; June 27.
Sewing machine. B. T. Leveque. 2,362,646; Nov. 14.
Sewing machine. E. Like. 2,354,468; July 25.
Sewing machine. H. C. Nissen and J. E. Ackerman. 2,339,648; Jan. 18.
Sewing machine. J. H. Pikul. 2,358,878; Sept. 26.
Sewing machine. C. F. Rubel. 2,363,807; Nov. 28.
Sewing machine. G. Sauer. 2,345,992; Apr. 4.
Sewing machine. G. Sauer. 2,360,284; Oct. 10.
Sewing machine. E. Schoij. 2,360,075; Oct. 10.
Sewing machine. W. Simpson. 2,339,887; Jan. 25.
Sewing machine. K. A. Stritter. 2,359,803; Oct. 10.
Sewing machine. C. Sturzlinger. 2,354,783; Aug. 1.
Sewing machine. G. W. Wesson. 2,346,637; Apr. 11.
Sewing-machine attachment. E. W. Blewett. 2,355,700; Aug. 15.
Sewing-machine attachment. J. P. Enos. 2,356,663; Aug. 22.
Sewing machine attachment. W. E. Kline. 2,363,976; Nov. 28.
Sewing machine bed. D. H. Chason. 2,341,975; Feb. 15.
Sewing machine, Blind-stitch. M. Buono. 2,355,904; Aug. 15.
Sewing machine, Buttonhole. F. A. Ladd, Jr. 2,340,391; Feb. 1.
Sewing machine, Buttonhole. E. P. Spaine and H. C. Faulkner. 2,340,276; Jan. 25.
Sewing machine, Chain-stitch. A. B. Clayton. 2,345,327; Mar. 28.
Sewing machine for corner stitching. S. Zonis. 2,350,267; May 30.
Sewing machine looper mechanism. E. Muecke. 2,351,831; June 20.
Sewing machine, Shoe. F. Ashworth and C. F. Whitaker. 2,354,729–31; Aug. 1.
Sewing machine, Shoe. O. R. Hass. 2,355,724; Aug. 15.
Sewing machine, Shoe. E. Quinn and L. S. Curtin. 2,355,107; Aug. 8.
Sewing machine table. D. H. Chason and G. H. Egbert. 2,362,243; Nov. 7.
Sewing machine, Work arm. F. Luts. 2,354,819; Aug. 1.
Sewing machines, Button. F. A. Reece. 2,352,734; July 4.
Sewing machines, Folder and cutter attachment for. J. V. Poole. 2,354,476; July 25.
Sewing machines, Folder and cutter attachment for. P. W. Valentine. 2,354,491; July 25.
Sewing machines, Loop-taker mechanisms for. A. N. Hale. 2,339,165; Jan. 11.
Sewing machines, Stand for. I. F. Webb and A. A. Ackerman. 2,348,043; May 2.
Sewing rib for welt insoles. W. C. Wright. 2,363,456; Nov. 21.
Sextant. W. G. Friar. 2,338,325; Jan. 4.
Sextant. F. and H. A. Leister. 2,350,240; May 30.
Sextant, Hand. E. J. Arena. 2,364,770; Dec. 12.
Shackle, Bomb. A. T. Potter. 2,351,147; June 13.
Shackle, Bomb releasing. R. I. Markey. 2,362,210; Nov. 7.
Shackle, Bomb releasing. R. I. Markey, D. Herman, and R. Schaefer. 2,341,456–7; Feb. 8.
Shade. N. Hammer. 2,341,440; Feb. 8.
Shade. R. B. Reid and G. A. Preston. 2,339,878; Jan. 25.
Shade, Blackout window. H. L. Hardy. 2,338,378; Jan. 4.
Shade construction. J. L. Mohun. 2,361,785; Oct. 31.
Shade holder. C. L. Steber. 2,354,154; July 18.
Shade, Lamp. E. R. Weyer. 2,363,374; Nov. 21.
Shade, Sun. L. A. Vesta. 2,350,297; May 30.
Shading generator. R. E. Kessler. 2,338,646; Jan. 4.
Shaft bearing. D. E. Irons. 2,351,431; June 13.
Shaft coupling. A. Dunn and O. C. Eiland. 2,364,959; Dec. 12.
Shaft coupling. G. Fast. 2,338,758; Jan. 11.
Shaft coupling. R. McC. Johnstone. 2,348,071; May 2.
Shaft coupling and system of power transmission. S. C. Watson. 2,349,642; May 23.
Shaft coupling mechanism for internal combustion engines. H. Davids. 2,341,981; Feb. 15.
Shaft journal. E. S. Aker. 2,348,275; May 9.
Shaft journaling means. E. S. Aker. 2,348,274; May 9.
Shaft mounting. L. F. Beach. 2,353,139; July 11.
Shaft seal. W. C. Spear and R. W. Esarey. 2,359,169; Sept. 26.
Shaft seal. R. C. Thompson. 2,348,939; May 16.
Shaft seal, Liquid. H. E. La Bour. 2,353,478; July 11.
Shaft vibration pickup. H. C. Werner. 2,363,373; Nov. 21.
Shakeout station. E. H. Whittaker. 2,341,584; Feb. 15.
Shaker. D. W. Price. 2,356,004; Aug. 15.
Shaker, Condiment. P. Black. 2,340,841; Feb. 1.
Shaker conveyer. L. F. Crawford. 2,344,602; Mar. 21.
Shaker conveyer. J. H. Holstein. 2,344,871; Mar. 21.
Shaker conveyer. C. A. Pratt. 2,358,416; Sept. 19.
Shaker conveyer. W. W. Sloane. 2,353,273; July 11.
Shaker conveyer trough connecting means. L. D. Hagenbook. 2,344,300; Mar. 14.
Shaker, Dual. W. J. Henderson. 2,349,724; May 23.
Shakes and a machine therefor, Splitting. R. E. Blerd. 2,365,932; Dec. 26.
Shaking conveyer. A. Messerli. 2,338,954; Jan. 11.
Shampoo pillow. S. H. and I. M. Wells. 2,351,849; June 20.
Shank stiffener for shoes. H. Gordon. 2,342,466; Feb. 22.
Shaped articles such as tubes, rods, and profiles from magnesium and magnesium alloy scrap, Production of. 2,358,667; Sept. 19.
Shaped products. W. H. Markwood, Jr. 2,352,725; July 4.
Shaper. H. E. Tautz. 2,353,202; July 11.
Shaping and shearing sheet materials, Method and apparatus for. J. L. Berger. 2,351,475; June 13.
Shaping articles, Method of and apparatus for. F. Martindell. 2,355,811; Aug. 15.
Shaping machine, Gear. G. G. Frederichs. 2,364,065; Dec. 5.
Shaping machine, Upper. E. A. Holmgren. 2,359,762; Oct. 10.
Shaping members, method and apparatus for. W. P. Hill. Re. 22,465; Apr. 4.

Shaping mold. E. A. Luxenberger, H. C. Erich, and M. M. Cunningham. 2,351,529; June 13.
Sharpener for meat-chopping machines. F. D. Burns. 2,338,995; Jan. 11.
Sharpener, Knife. J. J. Killan. 2,362,699; Nov. 14.
Sharpener, Lawn mower. B. L. Miller. 2,343,072; Feb. 29.
Sharpener, Lawn mower. W. I. Randle. 2,362,400; Nov. 7.
Sharpener, Lawn mower. D. Sell. 2,355,754; Aug. 15.
Sharpener, Lawn mower blade. F. D. Wulff. 2,347,864; May 2.
Sharpener, Pencil. R. de Maiditch. 2,364,198; Dec. 5.
Sharpener, Pencil. F. M. Schaefer. 2,338,263; Jan. 4.
Sharpener, Razor blade. C. G. Barrett. 2,347,246; Apr. 25.
Sharpener, Razor blade. J. A. Doll. 2,363,579; Nov. 28.
Sharpener, Razor blade. L. Levy. 2,351,438; June 13.
Sharpener, Safety razor blade. B. S. King. 2,343,981; Mar. 14.
Sharpener, Safety razor blade. A. G. Wahl. 2,355,763; Aug. 15.
Sharpening device. J. Holtzman. 2,351,813; June 20.
Sharpening means for safety razors. F. Evans. 2,342,849; Feb. 29.
Shaver. R. G. Arey. 2,354,657; Aug. 1.
Shaver, Dry. T. Bailey. 2,363,849; Nov. 28.
Shaver, Dry. I. Jepson. 2,345,263; Mar. 28.
Shaver, Electric dry. L. H. Amdur. 2,347,870; May 2.
Shaver, Motorized. Q. E. Conner. 2,345,796; Apr. 4.
Shaving apparatus. B. J. Brander. 2,365,861; Dec. 26.
Shaving apparatus. S. Loinaz. 2,344,360; Mar. 14.
Shaving device. T. C. Andersen. 2,339,831; Jan. 25.
Shaving device. R. Naegeli. 2,352,909; July 4.
Shaving device. S. Rothner. 2,341,743; Feb. 15.
Shaving device. C. L. Voix. 2,341,833; Feb. 15.
Shaving implement. S. Roebner. 2,359,584; Oct. 3.
Shearing machine. L. Freimark. 2,360,557; Oct. 17.
Shaving machine. E. B. Johnson. 2,342,808; Feb. 29.
Shaving machine. J. T. Scully. 2,359,880; Oct. 10.
Shaving stick. E. N. Brown. 2,352,769; July 4.
Shaving tool. M. J. Schlittera. 2,364,320; Dec. 5.
Shaving tool with inserted cutting blades and making same. W. F. Ross. 2,354,144; July 18.
Shear. M. Morgan. 2,351,868; June 20.
Shear. J. M. O'Malley and F. B. Fay. 2,348,491; May 9.
Shear. L. R. Williamson. 2,341,494; Feb. 8.
Shear. C. A. Wright. 2,346,100; Apr. 4.
Shear, Metal-cutting. K. W. Nebel. 2,355,320; Aug. 8.
Shearing and classifying mechanism for metal strip. A. M. Dexter, Jr. 2,363,577; Nov. 28.
Shearing and forming knockouts. L. V. and S. A. Whistler. 2,364,835; Dec. 12.
Shearing and punching machine. J. Opie. Re. 22,581; Dec. 19.
Shearing and punching machine. J. Opie. 2,343,697; Mar. 7.
Shearing device. A. J. Hood. 2,357,197; Aug. 29.
Shearing device. J. T. Scully. 2,341,665; Feb. 15
Shears. J. Clarione. 2,353,294; July 11.
Shears, Garden. E. E. Carver. 2,354,303; July 25.
Shears, Pruning. S. A. Drmic. 2,365,398; Dec. 19.
Shears, Pruning. R. R. Hart. 2,348,903; May 16.
Shears, Squaring. J. Jensen. 2,339,641; Jan. 18.
Shears, Swinging. F. M. Spayd. 2,362,776; Nov. 14.
Sheath for medical and surgical use, Protective. E. F. Bowman. 2,358,440; Sept. 19.
Sheath for surgical and medical use, Protective. E. T. Wyman. 2,348,773; May 16.
Sheave. D. Firth and D. P. Lower. 2,341,272; Feb. 8.
Sheave. D. Firth and D. P. Lower. 2,352,474; June 27.
Sheave. E. J. Otto. Re. 22,485; May 23.
Sheave. E. J. Otto. 2,348,994; May 16.
Sheave device for draping Fourdrinier wire. J. A. Hoover. 2,340,269; Jan. 25.
Sheave gauge. R. G. Tilton. 2,357,437; Sept. 5.
Sheave wheels, Manufacturing. W. A. Ashton. 2,338,161; Jan. 4.
Shedding mechanism. J. M. Tuten. 2,356,713; Aug. 22.
Shedding mechanism for loom. L. Fuchs. 2,338,633; Jan. 4.
Sheep's-foot roller. R. G. LeTourneau. 2,358,863; Sept. 26.
Sheet aligning clamp. H. E. Rose. 2,359,530; Oct. 3.
Sheet and making the same, Reinforced laminated fibrous. F. E. Donovan. 2,361,751; Oct. 31.
Sheet blank means, Master. L. A. Watkins. 2,362,952; Nov. 14.
Sheet clamping device. H. W. Kost. 2,352,392; June 27.
Sheet containing and collating device. R. B. MacAlister and W. A. Wolf. 2,361,698; Oct. 31.
Sheet cutting mechanism. L. E. La Bombard. 2,341,503; Feb. 8.
Sheet decurling apparatus. L. O. Hayes. 2,339,070; Jan. 11.
Sheet decurling apparatus. L. O. Hayes. 2,339,071; Jan. 11.
Sheet delivery. A. Neuhart. 2,358,345; Sept. 19.
Sheet delivery mechanism. F. R. Belluche. 2,355,697; Aug. 15.
Sheet delivery mechanism for printing presses. T. J. Kauffeld. 2,348,821; May 16.
Sheet feeder. D. P. Sanford. 2,365,294; Dec. 19.
Sheet feeding. L. Baker and G. A. Martin. 2,361,907; Nov. 7.
Sheet feeding apparatus. L. Baker and L. C. Williams. 2,341,521; Feb. 15.
Sheet feeding apparatus. R. F. Hall. 2,351,854; June 20.
Sheet feeding device. J. W. Bryce. 2,357,456; Sept. 5.
Sheet feeding machine. C. D. Lake and F. E. Hamilton. 2,350,511; June 6.
Sheet feeding mechanism. H. L. Evans. 2,352,088; June 20.
Sheet feeding mechanism. R. W. Reid. 2,357,850; Sept. 12.
Sheet feeding mechanism. E. G. Rider. 2,351,367; June 13.
Sheet feeding method and gauging mechanism therefor. J. Aneiros. 2,339,756; Jan. 25.
Sheet, Flexible lenticular optical. P. V. Palmquist. 2,354,048; July 18.
Sheet glass manufacture. M. A. Powers. 2,342,891; Feb. 29.
Sheet handling mechanism. E. V. Crane and F. Auer. 2,342,573; Feb. 22.
Sheet holder. A. J. Unetic. 2,339,529; Jan. 18.
Sheet holding tool. A. A. Melcher. 2,350,630; June 6.
Sheet, Light reflector. H. Heltzer and J. E. Clarke. 2,354,018; July 18.
Sheet material and apparatus for the production thereof, Manufacture of. A. J. Daly and W. G. Lowe. 2,339,840; Jan. 25.
Sheet material and making same, Transparent. E. Gebauer-Fuelnegg, L. K. Ellers, and E. W. Moffett. 2,357,100; Aug. 29.
Sheet material, Coated. A. Abrams, G. W. Forcey, and C. L. Wagner. 2,339,242; Jan. 18.
Sheet material, Gummed. C. W. Stillwell. 2,365,020; Dec. 12.
Sheet material, Impregnating and coating. C. J. Beaver and E. L. Davey. 2,339,045; Jan. 11.
Sheet material, Impregnating fabric. O. C. Cesane. 2,342,643; Feb. 29.
Sheet material, Manufacture of flexible. R. G. Tritsmans and S. Hendricx. 2,344,482; Mar. 14.
Sheet material, Method and apparatus for. E. M. Kratz. 2,346,764; Apr. 18.
Sheet material, Method and apparatus for coating. L. L. McGladrey and C. M. Rhodes. 2,354,033; July 18.
Sheet material, Method and apparatus for surfacing. J. A. Soissa. 2,348,578; May 9.
Sheet material, Method and machine for operating on. C. A. Moeller. 2,345,411; Mar. 28.
Sheet material, Moistureproof. C. M. Rhodes and J. P. Sermattei. 2,354,060; July 18.
Sheet material, Producing flocked. J. Ferrante. 2,349,153; May 16.
Sheet material, Protective. M. H. Kemp. 2,357,662; Sept. 5.
Sheet material, Reinforced waterproofing. H. N. Sandell. 2,355,333; Aug. 8.
Sheet material slitting and winding machine. P. Van Norde. 2,343,720; Mar. 7.
Sheet material to presses or the like, Delivering. A. and E. A. Calleson. 2,345,656; Apr. 4.
Sheet materials, Method and apparatus for testing the porosity of. R. W. May. 2,350,058; May 30.
Sheet metal band, Ornamental. W. A. Mulhern. 2,345,283; Mar. 28.
Sheet metal base construction for cooking ranges and the like. H. H. Ring. 2,359,491; Oct. 3.
Sheet-metal blanks, Making tapered. R. L. Archer. 2,364,610; Dec. 12.
Sheet metal building construction, Corrugated. J. M. Brinker. 2,352,884; July 4.
Sheet metal clamp. F. C. Wallace. 2,364,408; Dec. 5.
Sheet metal container. F. J. O'Brien. 2,362,846; Nov. 14.
Sheet metal container. H. Schrader. 2,346,619; Apr. 11.
Sheet metal containers, Making. J. Haycock. 2,362,817; Nov. 14.
Sheet metal, Contouring. M. Watter and P. Biehl. 2,342,026; Feb. 15.
Sheet metal, Corrugating. G. W. Matlat. 2,343,126; Feb. 29.
Sheet metal duct. A. H. Berger and A. S. Pinsker. 2,359,725; Oct. 3.
Sheet metal fabric clip. W. H. Churchill. 2,345,325; Mar. 28.
Sheet metal fastener and hole aligner. L. O. Vinson. 2,357,711; Sept. 5.
Sheet metal gas burner. E. R. Koppel. 2,348,011; May 2.
Sheet metal nut. R. C. Place. 2,342,690; Feb. 29.
Sheet metal nut. R. L. Schonitzer and H. B. Muster. 2,358,832; Sept. 26.
Sheet metal piston ring. T. A. Bowers. 2,346,204; Apr. 11.
Sheet metal reel and making same. A. H. Bates. 2,339,245; Jan. 18.
Sheet metal shrinking machine. G. F. Joyner. 2,357,204; Aug. 29.
Sheet metal stretching press. P. E. Flowers. 2,346,213; Apr. 11.
Sheet metal structure. A. N. Plante. 2,358,415; Sept. 19.

Sheet metal structure, Double walled. G. Trautvetter. 2,344,222; Mar. 14.
Sheet metal tablet box. W. F. Punte. 2,351,783; June 20.
Sheet metal working machine. E. G. Hackbarth. 2,341,215; Feb. 8.
Sheet metal working press. W. F. Longfield. 2,347,272; Apr. 25.
Sheet of thermoplastic materials, Process and apparatus for uniting. L. C. Hosfield. 2,343,975; Mar. 14.
Sheet pack opening mechanism. C. E. De Walt. 2,354,780; Dec. 12.
Sheet piler. W. M. Kell. 2,341,793; Feb. 15.
Sheet piling and assembling the same. O. R. Odman. 2,355,102; Aug. 8.
Sheet positioning device. H. La Faille. 2,355,873; Aug. 15.
Sheet pressing machine. C. P. Johnson. 2,356,244; Aug. 22.
Sheet pulp container forming apparatus. L. M. Wiley. 2,348,871; May 16.
Sheet pulp container male die apparatus. L. M. Wiley. 2,344,564; July 25.
Sheet scoring and severing machine. G. D. Cox. 2,347,254; Apr. 25.
Sheet tearing device. R. L. Sjostrom. 2,346,194; Apr. 11.
Sheet, Water sealing. R. Cross, W. B. Phillips, and W. M. Cross, Jr. 2,364,621; Dec. 12.
Sheets, Casein. E. M. Kratz. 2,342,739; Feb. 29.
Sheets or films of light-polarizing material, Forming. E. H. Land. 2,343,775; Mar. 7.
Sheets to duplicating machines, Feeding. H. Jagger. 2,343,187; Feb. 29.
Sheets to printing machines, Method and mechanism for feeding. W. F. Huck. 2,362,205; Nov. 7.
Shelf construction. W. A. Bockius. 2,365,622; Dec. 19.
Shelf-loading device for shaker conveyers. W. W. Sloane. 2,360,169; Oct. 10.
Shelf support mounting or the like. G. A. Tinnerman. Re. 22,544; Sept. 5.
Shell adapter, Shotgun. F. A. French. 2,352,476; June 27.
Shell, Antiaircraft. C. Unterberg. 2,360,812; Oct. 24.
Shell body. J. W. Aydelotte. 2,360,096; Oct. 10.
Shell charger. W. F. Thoma. 2,357,294; Sept. 5.
Shell charger. W. F. Thoma and F. W. Beyer. 2,355,574; Aug. 8.
Shell clip. J. W. Leighton. 2,356,413; Aug. 22.
Shell drawing press. M. N. Stadlin. 2,339,959; Jan. 25.
Shell, Multimisselled shotgun. E. M. Sweeley. 2,343,818; Mar. 7.
Shells, Drawing. T. F. Stacy. 2,341,667; Feb. 15.
Shells, Receiver for firearm ejected. E. E. Richardson. 2,354,277; July 25.
Shellac naphthenate operative as plasticizer in varnishes, paints, and lacquers. H. H. Bassford, Jr. 2,338,892; Jan. 11.
Shellac substitute. J. M. De Bell. 2,359,972; Oct. 10.
Shelter. J. E. Bowen. 2,364,941; Dec. 12.
Shelter, Bombproof. H. A. Starret. 2,346,196; Apr. 11.
Shelter building. A. E. Waterman and H. B. Tracy. 2,363,917; Nov. 28.
Shelter table. F. E. Posey. 2,348,416; May 9.
Shelving support. W. T. Hormes. 2,355,651; Aug. 15.
Shew sewing machine. O. R. Haas. 2,341,714; Feb. 15.
Shield and sinus compressor, Eye. M. M. Quering. 2,343,157; Feb. 29.
Shield, Antifriction bearing. O. W. Koepp. 2,355,805; Aug. 15.
Shield, Anti-torpedo. N. R. Peterson. 2,356,691; Aug. 22.
Shield assembly, Distributor. A. Hallett. 2,358,971; Sept. 26.
Shield, Automotive vehicle glare. F. H. Erps. 2,345,106; Mar. 28.
Shield, Bearing. A. Behringer. 2,350,089; May 30.
Shield, Dress. G. L. Fowler. 2,366,095; Dec. 26.
Shield, Face. G. H. Schauweker. 2,363,557; Nov. 28.
Shield, Face and eye. N. R. Stern and M. P. Newberger. 2,343,982; Feb. 29.
Shield for cathode ray tubes. H. Atwood, Jr. 2,343,630; Mar. 7.
Shield for electric arc welding, Spatter and cleaning. F. W. Scott. 2,343,158; Feb. 29.
Shield for electrical conductors. J. J. Mascuch. 2,358,436; Oct. 3.
Shield for electrical currents. W. F. Stahl. 2,362,034; Nov. 7.
Shield for gun firing mechanism. W. A. Bogg, Jr. 2,364,340; Dec. 5.
Shield for hair clippers, Sanitary. J. Mike. 2,357,678; Sept. 5.
Shield for ophthalmic mountings, Eye. E. M. Splaine. 2,346,709; Apr. 18.
Shield for vehicle headlights, Blackout. O. B. Fetterman. 2,350,676; June 6.
Shield for vehicle headlights, Black-out. O. B. Fetterman. 2,361,016; Oct. 24.
Shield for welders' hood windows. A. O. Thorson. 2,352,417; June 27.
Shield for welders, Protective. J. F. Rakos. 2,365,107; Dec. 12.
Shield, Garment hanger. I. A. Chaikin. 2,348,523; May 9.
Shield, Glare. A. T. McFadyen. 2,358,173; Sept. 12.
Shield, Glareproof. A. Martinek. 2,338,124; Jan. 4.
Shield, Light. O. B. Luke. 2,359,655; Oct. 3.
Shield, Nipple. M. J. Meynier, Jr. 2,364,866; Dec. 12.
Shield, Portable bullet. J. S. White. 2,362,040; Nov. 7.
Shield, Protective. M. R. Bell. 2,365,328; Dec. 19.
Shield, Spark plug. A. Hallett. 2,358,972; Sept. 26.
Shield, Spark plug. R. L. Shumaker. 2,355,116; Aug. 8.
Shield, Trash. W. A. Hyland. 2,364,296; Dec. 5.
Shield, Window. O. E. Schirra. 2,354,443; July 25.
Shield, Window black-out. H. Derman. 2,348,369; Mar. 7.
Shield, Window rain. A. E. J. Tietze. 2,350,296; May 30.
Shielded lock clip. T. Nelson. 2,345,768; Apr. 4.
Shingle. I. C. Ellis. 2,361,831; Oct. 31.
Shingle. H. L. and J. P. Owen. 2,353,259; July 11.
Shingle and making the same. C. B. Burnett. 2,347,250; Apr. 25.
Shingle joint insert. J. E. Black. 2,361,460; Oct. 31.
Shingle, Molded. E. F. Bassler. 2,362,236; Nov. 7.
Shingle, Ornamental granular-faced composition. M. W. Papesh. 2,348,223; May 9.
Shingle package. H. L. Owen. 2,346,450; Apr. 11.
Ship. T. Boyle. 2,351,478; June 13.
Ship construction, Cargo. P. Thompson. 2,364,928; Dec. 12.
Ship decking. W. F. Boyer. 2,348,188; May 9.
Ship hull. G. Munro. 2,361,409; Oct. 31.
Ship, Ocean traveling cargo. C. Epstein. 2,359,549; Oct. 3.
Ship propulsion. E. V. Lovell. 2,347,785; May 2.
Ship raising device. D. Diamantides. 2,358,218; Sept 12.
Ship stabilizing and controlling mechanism. J. Stub. 2,346,337; Apr. 11.
Ship structure. J. B. Weaver and W. S. Burgess. 2,362,226; Nov. 7.
Shipping and ship construction. W. Noble. 2,360,261; Oct. 10.
Shipping case. J. K. Limbert. 2,351,825; June 20.
Shipping case. J. K. Limbert, W. G. Brane, and N. McClure. 2,340,394; Feb. 1.
Shipping container. J. B. Arbuthnot. 2,358,614; Sept. 19.
Shipping container. J. R. Belsinger. 2,346,466; Apr. 11.
Shipping container. E. G. Hellyar. 2,342,668; Feb. 29.
Shipping container. E. G. Hellyar. 2,343,236; Feb. 29.
Shipping container for building materials. C. L. Hartsell and A. D. Covert. 2,339,475; Jan. 18.
Shipping or nailing container. M. W. Zimmerman. 2,362,181; Nov. 7.
Shipping structure. P. W. Milburn and W. D. Adamson. 2,343,844; Mar. 7.
Ships, Means for determining metacentric height of. J. Kreitner and R. M. Kristal. 2,341,563; Feb. 15.
Ships, Means for use in launching. A. F. Gray. 2,365,021; Dec. 26.
Ships, Protecting device for. S. L. Lee. 2,361,778; Oct. 31.
Ship's speed indicator. K. A. Holst. 2,357,199; Aug. 29.
Shirt. F. Di Iugilo. 2,352,084; June 20.
Shirt. J. N. Doumaux. 2,344,204; Mar. 14.
Shirt. M. Lesser. 2,341,797; Feb. 15.
Shirt. R. M. May. 2,345,764; Apr. 4.
Shirt and collar protector. S. Lighter. 2,353,344; July 11.
Shirt aligning device. L. E. Shaw. 2,347,133; Apr. 18.
Shirt collar and cuff type of edge. L. Levy. 2,343,066; Feb. 29.
Shirt collar support. J. W. McVay. 2,344,712; Mar. 21.
Shirts, Ironing. G. R. Bicknell. 2,355,699; Aug. 15.
Shock absorber. A. Boor. 2,338,162; Jan. 4.
Shock absorber. A. Boor. 2,360,735; Oct. 17.
Shock absorber. R. H. Bound. 2,356,444; Aug. 22.
Shock absorber. A. E. Brickman. 2,353,572; July 18.
Shock absorber. D. L. Christofel. 2,351,662; June 20.
Shock absorber. G. H. E. de Ram. 2,344,082; Mar. 14.
Shock absorber. G. B. Dorey. 2,355,783; Aug. 15.
Shock absorber. N. S. Focht. 2,363,308; Nov. 21.
Shock absorber. E. W. Johnson. 2,358,714; Sept. 19.
Shock absorber. E. F. Rossman. 2,343,478; Mar. 7.
Shock absorber. C. Saurer. 2,354,428; July 25.
Shock absorber. P. W. Thornhill. 2,352,351; June 27.
Shock absorber. R. H. Whisler, Jr. 2,357,920; Sept. 12.
Shock absorber, All-directional. S. Rosenzweig. 2,365,842; Dec. 26.
Shock absorber, Anti-vibration. C. Hussman. 2,359,915; Oct. 10.
Shock absorber construction. R. H. Whisler, Jr. 2,360,993; Oct. 24.
Shock absorber for fluid flow installations. W. R. Dand and W. E. Steen. 2,354,201; July 25.
Shock absorber for parachute jumpers. J. Albert and A. Ginsburg. 2,345,085; Mar. 28.
Shock absorber, Hydraulic. N. S. Focht. 2,342,729; Feb. 29.
Shock absorber, Hydraulic. R. H. Whisler, Jr. 2,355,491; Aug. 8.

Shock absorber, Industrial. E. C. Brooking. 2,353,293; July 11.
Shock absorber, Liquid damped telescopic. P. W. Thornhill. 2,348,160; May 2.
Shock absorber, Pneumatic. B. and A. P. Boulogne. 2,335,696; Jan. 11.
Shock absorber, Telescopic. C. R. Down. 2,363,485; Nov. 28.
Shock absorbing mechanism, Friction. A. E. Dentler and S. B. Haseltine. 2,341,699; Feb. 15.
Shock absorbing mounting for instruments and like purposes. N. E. Hickin, W. H. Hogg and M. A. Castle. 2,357,740; Sept. 5.
Shock-absorbing or cushioning material made from fibrous substances. W. Garner. 2,356,456; Aug. 22.
Shock-absorbing strut. L. W. Greve. 2,349,957; May 30.
Shock absorbing strut. B. E. O'Connor. 2,352,401; June 27.
Shock absorbing supporting device. E. J. Kuebert and J. P. Della Corte. 2,357,120; Aug. 29.
Shock absorbing suspension device for vehicles. P. W. Thornhill. 2,356,481; Aug. 22.
Shock and vibration absorber. C. Hussman. 2,359,917; Oct. 10.
Shock cord installation tool. E. E. Clark. 2,351,403; June 13.
Shock mounted instrument. V. L. Weaver. 2,352,049; June 20.
Shockproof relay. J. L. Vaughn. 2,353,377; July 11.
Shock resistant fluorescent lamp holder. E. Fuchs. 2,350,105; May 30.
Shock wave air brake. R. C. Molloy. 2,357,680; Sept. 5.
Shock wheel, Valve starting. F. N. Larson. 2,338,725; Jan. 11.
Shoe. G. E. Bergman. 2,347,762; May 2.
Shoe. W. F. Cairns. 2,340,575; Feb. 1.
Shoe. C. H. Daniels. 2,350,879; June 6.
Shoe. C. H. Daniels and M. P. Foy. 2,351,323; June 13.
Shoe. W. P. Field. 2,345,738; Apr. 4.
Shoe. W. Grossman. 2,346,960; Apr. 18.
Shoe. G. F. Hendricks. 2,358,161; Sept. 12.
Shoe. B. D. Huff. 2,362,010; Nov. 7.
Shoe. B. Jayne. 2,348,628; May 9.
Shoe. C. C. Klaus. 2,348,300; May 9.
Shoe. R. F. Knight. 2,362,639; Nov. 14.
Shoe. H. S. Lyness. 2,340,603; Feb. 1.
Shoe. E. G. Marinetti. 2,345,057; Mar. 28.
Shoe. M. D. Pickens and E. A. Pecker. 2,343,700; Mar. 7.
Shoe. E. Quinn. 2,364,816; Dec. 12.
Shoe. H. A. Schwartz. 2,344,421; Mar. 14.
Shoe. S. Wolff. 2,354,903; Aug. 1.
Shoe and boot pasting press with circulating press molds. A. Erbe. 2,350,739; June 6.
Shoe and filler therefor, Orthopedic. H. H. Allen. 2,356,808; Aug. 29.
Shoe and innersole and producing them. W. L. Knipe. 2,361,693; Oct. 31.
Shoe and lacing therefor, Baby. S. Spiro. 2,357,980; Sept. 12.
Shoe and making same. F. L. Ayers. 2,345,372; Mar. 28.
Shoe and making the same. J. D. Chandler. 2,359,896; Oct. 10.
Shoe and making the same. S. L. Kleven. 2,364,373; Dec. 5.
Shoe and making the same. J. J. Walsh. 2,341,675–6; Feb. 15.
Shoe and method of manufacture. L. H. Cushman. 2,340,582; Feb. 1.
Shoe and outsole therefor. F. F. Audino. 2,345,551; Apr. 4.
Shoe and outsole therefor. W. Mackensen. 2,366,039; Dec. 26.
Shoe and shoe product. T. W. Elkin, Jr. and H. C. Stouffer. 2,352,148; June 20.
Shoe arch appliance. L. Schibi. 2,363,151; Nov. 21.
Shoe-bottom-coating machine. W. L. MacKenzie. 2,354,326; July 25.
Shoe bottom filler. H. M. Dodge and R. J. Bush. 2,348,674; May 9.
Shoe clamp. H. P. Stovall. 2,357,915; Sept. 12.
Shoe conditioning apparatus. B. Jorgensen. 2,360,949; Oct. 24.
Shoe construction. T. R. Atkins. 2,361,675; Oct. 31.
Shoe construction. J. Castelle. 2,355,906; Aug. 15.
Shoe construction. V. M. Heck. 2,349,866; May 30.
Shoe construction. L. B. Hollander. 2,339,993; Jan. 25.
Shoe construction. J. Q. Strong. 2,362,169; Nov. 7.
Shoe filler composition and making. E. D. Sackett. 2,350,252; May 30.
Shoe forming and toe lasting machine. H. Walter, Sr. 2,350,849; June 6.
Shoe heel. E. B. Cintron. 2,360,936; Oct. 24.
Shoe holder. L. C. Jensen. 2,357,656; Sept. 5.
Shoe horn. F. A. Gesell. 2,366,097; Dec. 26.
Shoe inner sole. H. J. Nicholl. 2,343,790; Mar. 7.
Shoe lace. A. Benowitz. 2,344,963; Mar. 28.
Shoelace device, Nonslip. C. Panza. 2,358,248; Sept. 12.
Shoelace tip holding means. B. C. Lord. 2,359,229; Sept. 26.
Shoe last. K. Heggs. 2,359,990; Oct. 10.
Shoe lining and making the same. A. P. Swett. 2,339,118; Jan. 11.
Shoe machine. B. Jorgensen. 2,363,004; Nov. 21.
Shoe machine. A. R. Morrill. 2,342,683; Feb. 29.
Shoe machine. A. R. Morrill. 2,359,662–5; Oct. 3.
Shoe machine. A. R. Morrill. 2,359,729; Oct. 3.
Shoe machine. C. A. Robinson. 2,364,757; Dec. 12.
Shoe machine frame. C. L. Knott. 2,347,782; May 2.
Shoemaking. A. Cocozella. 2,354,797; Aug. 1.
Shoemaking. P. A. Phillips. 2,356,268; Aug. 22.
Shoemaking. A. R. Ridderstrom. 2,343,226; Feb. 29.
Shoe manufacture. W. A. Wheaton. 2,340,632; Feb. 1.
Shoe manufacture, Prewelt. E. L. Sawyer. 2,354,837; Aug. 1.
Shoe or similar article. W. Braun. 2,348,952; May 16.
Shoe or similar article. W. H. Joyce, Jr. 2,351,818; June 20.
Shoe parts, Reinforcing. T. C. Morris. 2,349,877; May 30.
Shoe polishing apparatus. J. Mullan. 2,349,106; May 16.
Shoe press. F. Dawson. 2,348,060; May 2.
Shoe press. F. Dawson. 2,349,068; May 16.
Shoe rearching and straightening device. R. M. Anderson. 2,346,344; Apr. 11.
Shoe, Resilient ventilated. W. D. Wylie. 2,344,762; Mar. 21.
Shoe rest. J. T. Lancaster. 2,341,049; Feb. 8.
Shoe retainer. R. H. Pope. 2,358,474; Sept. 19.
Shoe, Safety. K. A. Stritter. 2,354,338; July 25.
Shoe sewing machine. F. Ashworth and C. F. Whitaker. 2,360,465; Oct. 17.
Shoe sewing machine. J. P. Fredericksen. 2,360,486; Oct. 17.
Shoe sewing machine. J. P. Fredericksen. 2,361,279; Oct. 24.
Shoe sewing machine. H. F. Smith. 2,359,945; Oct. 10.
Shoe sewing machine and driving and stopping mechanism therefor. O. R. Haas. 2,352,708; July 4.
Shoe shank. M. F. Sullivan. 2,358,886; Sept. 26.
Shoeshine outfit. F. Burger. 2,356,029; Aug. 15.
Shoe-shining kit. R. H. David. 2,351,407; June 13.
Shoe sole. R. F. Dohoney. 2,341,085; Feb. 8.
Shoe sole. J. N. Dow and A. T. Dildilian. 2,364,134; Dec. 5.
Shoe sole. R. Herron. 2,339,401; Jan. 18.
Shoe sole. A. D. Levine and A. Bosman. 2,365,964; Dec. 26.
Shoe sole and making the same. H. L. Pierson. 2,345,831; Apr. 4.
Shoe sole, Jointed. J. Baer. 2,347,166; Apr. 25.
Shoe sole pressing machine. M. C. Suerken. 2,360,083; Oct. 10.
Shoe sole structure. C. R. Hill. 2,347,740; May 2.
Shoe soles, Making. W. O. Cagney. 2,364,691; Dec. 12.
Shoe surfaces, Coating. C. H. Magurn. 2,362,574; Nov. 14.
Shoe tacking machine. W. Gleissner. 2,362,480; Nov. 14.
Shoe, Track. H. A. Knox. 2,339,273; Jan. 18.
Shoe tree. M. L. Alger. 2,359,598; Oct. 3.
Shoe tree. H. Clausing. 2,361,531; Oct. 31.
Shoe tree. J. W. Droll. 2,359,469; Oct. 3.
Shoe tree. J. B. Mutch. 2,340,202; Jan. 25.
Shoe tree. J. B. Mutch. 2,340,404; Feb. 1.
Shoe tree. L. W. Reinhardt. 2,341,506; Feb. 8.
Shoe tree. L. W. Reinhardt. 2,357,687; Sept. 5.
Shoe tree, Adjustable. J. Fitzpatrick. 2,338,104; Jan. 4.
Shoe tree, Adjustable. J. Fitzpatrick. 2,338,105; Jan. 4.
Shoe uppers, Machine for ornamenting. R. R. Campbell. 2,351,660; June 20.
Shoe uppers on lasts, Stretching and assembling. E. I. La Chapell. 2,347,269; Apr. 25.
Shoe, Ventilated. W. P. Shaks. 2,354,407; July 25.
Shoe welting and manufacturing the same. K. A. Stritter. 2,339,524; Jan. 18.
Shoes and method of shoemaking. K. A. Stritter. 2,339,525; Jan. 18.
Shoes and shoe leather, Sterilization of. L. H. James. 2,349,661; May 23.
Shoes and shoe parts, Manufacture of. A. F. Pym. 2,349,374; May 23.
Shoes, Making. M. F. Ashley. 2,365,796; Dec. 26.
Shoes, Making. S. Bown. 2,346,651; Apr. 18.
Shoes, Making. S. Gallo. 2,353,396; July 11.
Shoes, Making back parts of. M. F. Ashley. 2,365,795; Dec. 26.
Shoes, Manufacture of. G. A. Miner. 2,342,815; Feb. 29.
Shoes, Manufacture of. G. A. Miner. 2,360,506; Oct. 17.
Shoes, Manufacture of. C. K. Woodman. 2,342,176; Feb. 22.
Shoes, Manufacturing. B. J. Slavin. 2,350,198; May 30.
Shoes, Outer sole for. J. J. Walsh. 2,340,828; Feb. 1.
Shoes, Stiffening. A. E. Ushakoff. 2,343,390; Mar. 7.
Shoes, Stiffening portions of the uppers of. C. Ammon, Jr. 2,339,448; Jan. 18.
Shoes, Stiffening portions of the uppers of. R. C. Johns. 2,339,485; Jan. 18.
Shopper's bag. M. I. Wick. 2,349,025; May 16.
Shopping bag. M. Dodson. 2,348,964; May 16.
Short filler bunch machine. M. Patterson. 2,339,605; Jan. 18.

Shortwave transmission line balancing system. P. F. Byrne. 2,365,453; Dec. 19.
Shortening, Stabilization of. J. L. Jakobsen. 2,363,672; Nov. 28.
Shot blasting test. J. O. Almen. 2,350,440; June 6.
Shot, Making. N. J. Bardell. 2,356,966; Aug. 29.
Shot shell sealing. C. M. Langkammerer. 2,345,852; Apr. 4.
Shot spreading device. C. E. Russell. 2,340,821; Feb. 1.
Shoulder board or similar article. F. J. Stanton. 2,363,814; Nov. 28.
Shoulder mortar. H. J. Fanger and H. Gruenhagen. 2,353,885; July 18.
Shoulder pad, Electrically heated. M. F. Joy and E. E. Shepardson. 2,339,409; Jan. 18.
Shoulder tree. W. W. McFall. 2,353,839; July 18.
Shovel. A. F. Howe. 2,357,114; Aug. 29.
Shovel equipment for trucks. N. Herrick. 2,360,341; Oct. 17.
Shovel, Instantaneous truck loading. R. A. Beckwith. 2,347,456; Apr. 25.
Shovel pockets and the like, Forging. W. W. Criley. 2,344,803; Mar. 21.
Shovel, Power. A. H. Kiesel. 2,344,821; Mar. 21.
Shovel shifting tool for loading machines. R. Wooten. 2,344,167; July 18.
Shovel, Universal cultivator trip. J. W. Orendorff. 2,338,531; Sept. 19.
Showcase. A. A. Albert. 2,355,839; Aug. 15.
Showcase, Illuminated. J. E. Holmes. 2,351,335; June 13.
Shower deck. P. Lambert. 2,357,670; Sept. 5.
Shower door. O. C. Stahl. 2,348,937; May 16.
Shower head. C. H. Bentley. 2,348,776; May 16.
Shower head. J. S. Judell. 2,351,819; June 20.
Shower stall. S. E. Nilson. 2,343,201; Feb. 29.
Shrimp for canning, Preparing. C. H. Bloedorn. 2,365,519; Dec. 19.
Shrinkable article and producing same. B. T. K. Cornwell, C. M. Rosser, and J. A. Yourtee. 2,346,417; Apr. 11.
Shrinking dolly block. W. H. Ferguson. 2,340,950; Feb. 8.
Shroud, Radiator fan. O. A. Bossart. 2,355,619; Aug. 15.
Shroud structures, Making. H. P. Dahlstrand. 2,345,918; Apr. 4.
Shutoff coupling. F. J. Heywood. 2,350,681; June 6.
Shutoff device, Safety. C. V. Hildebrecht. 2,363,063; Nov. 21.
Shutter. L. G. Brown. 2,359,289; Oct. 3.
Shutter. H. C. Deckel, E. Maurer and F. X. Stömmer. 2,351,932; June 20.
Shutter. J. Taylor. 2,357,435; Sept. 5.
Shutter and camera structure. J. Mihalyi. 2,338,657; Jan. 4.
Shutter and heat shield therefor, Motion picture. A. S. Howell. 2,349,433; May 23.
Shutter, Black-out. J. G. Triplett. 2,342,826; Feb. 29.
Shutter, Camera. H. O. Drotning. 2,358,061; Sept. 12.
Shutter, Camera. C. C. Fuerst. 2,356,455; Aug. 22.
Shutter, Camera. C. C. Fuerst. 2,362,546; Nov. 14.
Shutter construction. F. B. Schneider. 2,357,137; Aug. 29.
Shutter control, Focal plane. H. N. Fairbanks. 2,338,628; Jan. 4.
Shutter control with pressure compensation. A. L. Hannon. 2,344,207; Mar. 14.
Shutter curtain mechanism, particularly for aerial cameras. A. H. Gorey, L. D. Nadel, and E. S. Hineline. 2,362,815; Nov. 14.
Shutter, Diaphragm. C. C. Fuerst. 2,362,547; Nov. 14.
Shutter for motion picture projectors, Rotatable. A. S. Howell. 2,349,500; May 23.
Shutter for projectors, Safety. M. R. Hutchison, Jr. 2,350,761; June 6.
Shutter mechanism. L. B. Hoffmann. 2,350,355; June 6
Shutter mechanism for cameras. C. E. Johnson. 2,356,116; Sept. 26.
Shutter mechanism for photorecording and other cameras. E. S. Hineline. 2,353,893; July 18.
Shutter, particularly adapted for aerial photography, Photographic. O. Steiner. 2,345,365; Mar. 28.
Shutter release. W. A. Riddell. 2,338,668; Jan. 4.
Shutter release mechanism. C. C. Fuerst. 2,350,106; May 30.
Shutter synchronization, Between-the-lens. O. Steiner. 2,365,847; Dec. 26.
Shutter Ventilator. H. M. Bird. 2,355,412; Aug. 8.
Shutters for stereophotogrammetric plotting, Arrangement of rotary. J. Seemann. 2,362,030; Nov. 7.
Shuttle. H. Menking. 2,364,740; Dec. 12.
Shuttle car. J. D. Russell. 2,356,434; Aug. 22.
Shuttle case bearing. S. A. Bethune and E. G. Comstock. 2,348,718; May 16.
Shuttle checking device. W. Hamilton. 2,341,843; Feb. 15.
Shuttle checking means. C. D. Brown. 2,351,189; June 13.
Shuttlecock. B. O. Beck. 2,354,790; Aug. 1.
Shuttlecock. N. R. Tanger. 2,360,173; Oct. 10.
Shuttle drive mechanism for looms. D. C. Churchill. 2,360,050; Oct. 10.
Shuttle, Loom. H. E. Goff. 2,346,745; Apr. 18.
Shuttle slider. L. H. Morin. 2,344,049; Mar. 14.
Shuttle, Tatting. L. A. Silliman. 2,364,484; Dec. 5.
Shuttle valve. L. S. Barksdale. 2,360,839; Oct. 24.
Side bearing. R. B. Cottrell. 2,350,301; May 30.
Side frame. R. B. Cottrell. 2,338,684; Jan. 4.
Side rolling mechanism for automobiles. G. Rische. 2,364,553; Dec. 5.
Side tracking apparatus. G. J. Barrett and S. Robichaux. 2,362,529; Nov. 14.
Side weaving fabric. S. L. and W. S. Hieber, and I. C. Elmer. 2,343,184; Feb. 29.
Siding, Double seal. H. T. Seymour. 2,354,639; July 25.
Sieve frame. D. E. Sargent. 2,362,099; Nov. 7.
Sieve pettings, Manufacture of. E. Hubert and H. Bein. 2,354,022; July 18.
Siftproof bag. J. L. Shively. 2,365,651; Dec. 19.
Siftproof bag. A. J. Sterling. 2,345,434; Mar. 28.
Siftproof package and side seam therefor. H. F. Waters. 2,364,576; Dec. 5.
Sight. P. F. Berry. 2,364,055; Dec. 5.
Sight. W. A. Schaich. 2,356,182; Aug. 22.
Sight device for archery bows. O. H. Brown. 2,351,103; June 13.
Sight, Firearm. H. A. Brown and C. H. Barnes. 2,345,553; Apr. 4.
Sight for firearms. V. A. Browning. 2,341,204; Feb. 8.
Sight for firearms, Day and night. C. B. Ferrel. 2,345,801; Apr. 4.
Sight for firearms, Rear. V. W. Grant. 2,364,067; Dec. 5.
Sight for guns. C. D. Macgill. 2,364,152; Dec. 5.
Sight mount for rifles, Telescopic. P. Ferriroli. 2,345,249; Mar. 28.
Sight, Telescopic. R. A. Litschert. 2,355,384; Aug. 8.
Sighting device. C. G. Axtmann. 2,344,668; Mar. 21.
Sighting device. M. L. E. Chwalow. 2,358,316; Sept. 19.
Sighting device. W. F. Nolan. 2,360,154; Oct. 10.
Sign: *See*—
Changeable sign.
Display and advertising sign.
Display sign.
Highway sign.
Illuminated sign.
Moving sign.
Multiple-color electric sign.
Neon sign.
Surface marking signs.
Traveling message sign.
Sign. C. A. Johnson. 2,346,260; Apr. 11.
Sign. W. O. Lytle. 2,359,131; Sept. 26.
Sign. R. G. Regester. 2,361,354; Oct. 24.
Sign apparatus, Mechanical. A. J. Alford. 2,348,276; May 9.
Sign, Combination animated day and night. M. Apusso. 2,345,998; Apr. 4.
Sign control. H. P. Burney, Jr. 2,348,054; May 2.
Sign control and system. E. H. Unkles, B. W. Roth, and C. S. Whitney, Jr. 2,343,594; Mar. 7.
Sign device, Advertising. J. Popper. 2,363,438; Nov. 21.
Sign or marker, Light reflecting. J. Weber. 2,345,644; Apr. 4.
Sign structure, Composite. F. L. Michaels. 2,355,546; Aug. 8.
Sign with animated effect. C. T. Berg. 2,355,902; Aug. 15.
Signal: *See*—
Automobile signal.
Direction signal.
Dispensing nozzle signal.
Electromagnetic audible signal.
Film identification signal.
Fishing signal.
Headlight signal.
Lantern signal.
Light signal.
Magnetic signal.
Natural colors floating signal.
Sealed type tail, stop and direction signal.
Street traffic signal.
Table signal.
Tire deflation signal.
Traffic signal.
Vehicle brake signal.
Vehicle signal.
Warning signal.
Signal. C. Adler, Jr. 2,365,038; Dec. 12.
Signal. J. F. Kepler. 2,349,355; May 23.
Signal amplifier, Photoelectric. K. Thöm. 2,342,521; Feb. 22.
Signal amplifying system. A. A. Shoup. 2,340,904; Feb. 8.
Signal apparatus. F. R. Bridges. Re. 22,514; July 11.
Signal apparatus. P. W. Gehring. 2,362,897; Nov. 14.
Signal bond, Stranded plug-type. H. H. Febrey. 2,340,522; Feb. 1.
Signal control apparatus. A. E. Dodd. 2,362,194; Nov. 7.
Signal control apparatus. J. W. Holzmann. 2,352,543; June 27.
Signal control unit, Vehicle. E. C. Horton and A. Rappl. 2,364,143; Dec. 5.
Signal controlling fusee. M. G. Stoller. 2,340,285; Feb. 1.
Signal detector, Frequency modulation. W. R. Koch. 2,341,047; Feb. 8.
Signal detector system, Frequency modulation. F. B. Stone. 2,341,484; Feb. 8.
Signal device. F. Gonseor. 2,356,396; Aug. 22.
Signal device. J. B. MacKay. 2,342,085; Feb. 15.
Signal device. R. M. Miller. 2,350,289; May 30.
Signal device. B. Stechbart. 2,357,146; Aug. 29.
Signal device. D. Swarovski. 2,351,080; June 13.
Signal device, Selective. H. A. Stickel. 2,359,494; Oct. 3.
Signal discriminating system. G. Hodges. 2,349,625; May 23.
Signal for caging devices for gyros. B. G. Carlson. 2,360,935; Oct. 24.

Signal for railways, Torpedo. H. L. Bone and K. J. J. McGowan. 2,362,347; Nov. 7.
Signal for refrigerators and the like, Warning. A. J. Tickell. 2,358,425; Sept. 19.
Signal hooter, Electromagnetic. G. Zeininger. 2,344,119; Mar. 14.
Signal impulse sending system. J. H. Wheelock and H. F. Cypser. 2,355,349; Aug. 8.
Signal lamp. C. Adler, Jr. Re. 22,497; June 20.
Signal lamp. C. Adler, Jr. 2,339,243; Jan. 18.
Signal lamp. J. H. Diedring. 2,364,428; Dec. 5.
Signal lamp. R. N. Falge. 2,364,431; Dec. 5.
Signal lamp. C. W. M. Morris. 2,341,189; Feb. 8.
Signal lamp. G. W. Onksen, Jr., and C. C. Duell. 2,364,468; Dec. 5.
Signal mechanism. G. E. Ford. 2,352,830; July 4.
Signal receiving system, Frequency modulation. G. L. Beers. 2,356,201; Aug. 22.
Signal system. R. B. Kennett. 2,358,332; Sept. 19.
Signal system, Highway crossing. A. E. Reid. 2,344,732; Mar. 21.
Signal system using phase modulation. W. P. Place. 2,349,987; May 30.
Signal translating apparatus. L. J. Anderson and A. H. Kettler. 2,345,996; Apr. 4.
Signal-translating stage, High-frequency. R. L. Freeman. Re. 22,576; Dec. 12.
Signal transmission system. L. G. Abraham. 2,360,926; Oct. 24.
Signal transmission system. E. H. B. Bartelink. 2,338,395; Jan. 4.
Signal transmission system. G. W. Gilman. 2,362,898; Nov. 14.
Signaling. M. G. Crosby. 2,339,620; Jan. 18.
Signaling aid for the deaf and hard of hearing, Portable. T. Ordman. 2,350,418; June 6.
Signaling and indicating system. H. J. Baur and T. E. Kulo. 2,364,937; Dec. 12.
Signaling and lockout system, Selective. F. S. Ents. 2,346,420; Apr. 11.
Signaling apparatus. A. C. W. Aldis. 2,362,333; Nov. 7.
Signaling apparatus. R. A. Reid. 2,339,111; Jan. 11.
Signaling circuit. C. D. Hanscom. 2,347,777; May 2.
Signaling device. G. Blair. 2,350,717; June 6.
Signaling device. L. F. Hammand. 2,347,193; Apr. 25.
Signaling device. L. F. Hammand. 2,355,648; Aug. 15.
Signaling device. A. P. Johnson. 2,360,138; Oct. 10.
Signaling device. A. M. Rose. 2,360,721; Oct. 17.
Signaling device, Automobile. J. Joyce. 2,365,823; Dec. 26.
Signaling device for gum perforators. D. G. C. Hare. 2,349,041; May 16.
Signaling lamp. A. C. W. Aldis. 2,359,187; Sept. 26.
Signaling lamp. A. C. W. Aldis. 2,363,566; Nov. 28.
Signaling, Submarine. R. L. Williams. 2,360,923; Oct. 24.
Signaling system. G. E. Atkins. 2,343,516; March 7.
Signaling system. C. E. Beach. 2,338,706; Jan. 11.
Signaling system. C. E. Beach. 2,344,500; Mar. 21.
Signaling system. F. E. Blount. 2,355,903; Aug. 15.
Signaling system. O. Cesareo. 2,340,366; Feb. 1.
Signaling system. G. H. Duhnkrack. 2,365,689; Dec. 26.
Signaling system. M. C. Goddard. 2,362,369; Nov. 7.
Signaling system. F. S. Greene. 2,365,949; Dec. 26.
Signaling system. W. S. Halstead. 2,347,477; Apr. 25.
Signaling system. W. S. Halstead. 2,364,357; Dec. 5.
Signaling system. R. V. L. Hartley. 2,363,062; Nov. 21.
Signaling system. W. H. T. Holden. 2,338,434; Jan. 4.
Signaling system. M. I. Hull. 2,352,634; July 4.
Signaling system. J. W. Ivey and W. D. Owens. 2,345,979; Apr. 4.
Signaling system. N. Langer. 2,365,568; Dec. 19.
Signaling system. C. E. Lomax. 2,345,136; Mar. 28.
Signaling system. A. A. Lundstrom. 2,356,330; Aug. 22.
Signaling system. C. G. Miller. 2,345,825; Apr. 4.
Signaling system. M. W. Muehter. 2,365,719; Dec. 26.
Signaling system. N. D. Newby. 2,350,917; June 6.
Signaling system. H. E. Vaughan. 2,338,216; Jan. 4.
Signaling system. H. E. Vaughan. 2,352,142; June 20.
Signaling system. F. E. Weld. 2,355,934; Aug. 15.
Signaling system. B. D. Willis. 2,360,296; Oct. 10.
Signaling system, Code. W. J. Kennedy. 2,353,673; July 18.
Signaling system, Coded track circuit. T. J. Judge. 2,350,620; June 6.
Signaling system, Coded track circuit. T. J. Judge. 2,357,519; Sept. 5.
Signaling system, Coded track circuit. N. D. Preston. 2,350,639; June 6.
Signaling system, Coded track circuit. M. A. Scheg. 2,355,334; Aug. 8.
Signaling system, Coded track circuit. S. N. Wight. 2,352,987; July 4.
Signaling system, Coded track circuit. H. S. Wynn. 2,350,657; June 6.
Signaling system, Dial controlled. J. T. Neiswinter. 2,345,987; Apr. 4.
Signaling system, Electric carrier wave. B. B. Jacobsen. 2,365,472; Dec. 19.
Signaling system for railroads, Block. O. B. Webster and N. B. Coley. 2,352,986; July 4.
Signaling system, Normally deenergised coded. A. L. Jerome. 2,360,948; Oct. 24.
Signaling system, Railroad. A. Hufnagel. 2,355,535; Aug. 8.
Signaling system, Traffic transportation. E. W. Kellogg and G. L. Dimmick. 2,365,474; Dec. 19.
Signaling system, Well. D. Silverman and R. E. Fearon. 2,354,887; Aug. 1.
Signals electrically, Recording. W. N. Engler and B. L. Kline. 2,346,670; Apr. 18.
Signals, Method and apparatus for scrambling. G. Guanella. 2,364,210; Dec. 5.
Silencer. R. L. Leadbetter. 2,360,429; Oct. 17.
Silencer. W. H. Powers. 2,357,791-2; Sept. 5.
Silencer for gas heaters. G. A. Guenther. 2,357,325; Sept. 5.
Silencer, Spark arrester. R. B. Bourne. 2,339,834; Jan. 25.
Silencer, Water-flow. W. F. Peterson, and A. U. Walter. 2,346,542; Apr. 11.
Silencing means for valve structures. J. Alcorn. 2,363,220; Nov. 21.
Silent screwless valve plug. B. Svirsky. 2,364,107; Dec. 5.
Silhouette model. D. K. Howard, G. W. Benckenstein, Jr., and H. L. Porter. 2,347,561; Apr. 25.
Silica glass, Making high. M. E. Nordberg and H. E. Rumenapp. 2,340,013; Jan. 25.
Silica glass, Making high. M. E. Nordberg and H. E. Rumenapp. 2,355,746; Aug. 15.
Silica refractory. F. A. Harvey and R. E. Birch. 2,351,204; June 13.
Silica, Size band flotation of. H. L. Mead and E. J. Maust. 2,357,419; Sept. 5.
Silicate adsorbents. C. C. Winding. 2,359,343; Oct. 3.
Silicate compositions. C. C. Winding. 2,364,015; Nov. 28.
Silicate compositions, Active. C. C. Winding. 2,359,345; Oct. 3.
Silicate compositions, Synthetic. C. C. Winding. 2,359,344; Oct. 3.
Silicated caustic alkali products, Manufacture of. B. K. Beecher and H. F. Roderick. 2,357,723; Sept. 5.
Silicic acid, Making filaments consisting of pure. F. Skaupy and G. Weissenberg. 2,338,463; Jan. 4.
Silicon from aluminum and aluminum alloys, Removal of. L. F. Mondolfo. 2,362,147; Nov. 7.
Silicon-iron alloys, Treatment of. S. L. Burgwin. 2,351,922; June 20.
Sill, Center. W. A. Weightman. 2,339,826; Jan. 25.
Sill construction for rail car bodies, Side. A. G. Dean. 2,354,852; Aug. 1.
Sill member for frames in building constructions, Metallic. E. Pitou. 2,353,073; July 4.
Silo and silo spacer bar. Z. W. Craine. 2,341,763; Feb. 15.
Silo and the like and the production thereof. C. H. Covey. 2,361,272; Oct. 24.
Silver images, Production of blue-black toned. W. D. Baldsiefen. 2,364,017; Nov. 28.
Silver preparation, Production of. M. Kollmar. 2,351,974; June 20.
Sine vise. J. Jesionowski. 2,347,111; Apr. 18.
Singing and speaking machine. F. A. Firestone. 2,355,287; Aug. 8.
Single-acting reciprocating engine. J. Olsson and J. R. Stålblad. 2,339,510; Jan. 18.
Single-action high-speed multicylinder pump. A. A. G. Magis. 2,359,486; Oct. 3.
Single bar shaft coupling. S. T. Smith. 2,347,295; Apr. 25.
Single bar shaft lock. S. T. Smith. 2,347,293; Apr. 25.
Single disk shaft lock. S. T. Smith. 2,359,009; Sept. 26.
Single position clutch. H. C. Ressler. 2,361,360; Oct. 24.
Single track auxiliary wheel and tire carrier. K. C. Clark. 2,354,944; Aug. 1.
Single walled container. L. O. Stanley. 2,339,544; Jan. 18.
Sink and basin stopper, Combined. M. Durst. 2,362,250; Nov. 7.
Sink and float separation process. F. Trostler. 2,341,247; Feb. 8.
Sink cabinet. A. H. Haberstump. 2,341,093; Feb. 8.
Sinker device for continuous galvanizing apparatus. K. A. Ericsson and W. T. Mahla. 2,356,739; Aug. 29.
Sinker for fishing lines. G. Merle. 2,340,608; Feb. 1.
Sinker releasing device. R. Shea. 2,359,583; Oct. 3.
Sinks, Forming. E. H. Kotcher. 2,350,119; May 30.
Sintering. W. C. Hooey. 2,357,198; Aug. 29.
Sintering machine. M. F. Morgan. 2,364,586; Dec. 5.
Siphon. L. H. Smith. 2,347,004; Apr. 18.
Siphon assembly. W. F. Thompson. 2,341,129; Feb. 8.
Siphon drain for tank roofs, Inverted. J. H. Wiggins. 2,351,850; June 20.
Siphon inlet. L. R. Williamson. 2,344,011; Mar. 14.
Siphon system. M. H. Loughridge. 2,363,530; Nov. 28.
Siren. R. C. Jones, H. T. O'Neil, and E. C. Wente. 2,354,684; Aug. 1.
Sirup from farinaceous materials, Production of. C. H. Warburton. 2,365,788; Dec. 26.
6-Bz-1-dibromobenzanthrone, Preparing. H. R. Lee and C. F. Belcher. 2,353,049; July 4.
6-Iodo-d-galactose. A. L. Raymond and E. F. Schroeder. 2,365,777; Dec. 26.
6-(p-aminobenzene sulphonyl)-amino-2:7-dimethylpyrimidine and its manufacture. H. Gysin. 2,351,333; June 13.

6,10,14-trimethyl-pentadecanone-2, Making. L. I. Smith and J. A. Sprung. 2,363,092; Nov. 21.
Six wheel motor vehicle. H. C. Harbers. 2,347,409; Apr. 25.
Size and making the same, Noncrystallizing rosin. J. T. Cassaday. 2,362,973; Nov. 21.
Size, Dry rosin. E. A. Georgi. 2,364,965; Dec. 12.
Size for textile fabrics. A. L. Rummelsburg. 2,346,791; Apr. 18.
Size gauge. W. F. Moore. 2,348,018; May 2.
Size, Starch. H. H. Schopmeyer and H. A. Kaufmann, 2,364,590; Dec. 5.
Sizer, Transverse. L. E. Jones. 2,365,822; Dec. 26.
Sizing device for winding machines. G. L. Boyce and C. A. Castellan. 2,361,428; Oct. 31.
Sizing device for winding machines. F. G. Carroll. 2,361,427; Oct. 31.
Sizing device for winding machines. W. C. Hanse. 2,361,431; Oct. 31.
Sizing device for winding machines. W. Shontz. 2,361,429; Oct. 31.
Sizing device for winding machines. L. K. Spangler and C. E. Schrader. 2,361,426; Oct. 31.
Sizing device, Thread package. J. F. Mercer. 2,361,306; Oct. 24.
Sizing tool. G. E. Franck. 2,344,036; Mar. 14.
Skate carrier. R. J. Carson. 2,353,809; July 18.
Skate, Ice. S. Bloom. 2,352,599; July 4.
Skate, Ice. R. E. Howard. 2,348,475; May 9.
Skate, Roller. E. G. Blaes. 2,356,736; Aug. 29.
Skein winding machine. J. H. Bradnack, D. C. Thompson, and H. C. R. Folmer. 2,354,792; Aug. 1.
Skeins, Process and apparatus for spot-dyeing. C. J. Perkins. 2,351,701; June 20.
Skeleton structure. E. Pitou. 2,353,071; July 4.
Skeletonized structure. C. W. Attwood. 2,345,650; Apr. 4.
Ski. A. D. Andreef. 2,356,809; Aug. 29.
Ski. A. G. Källström. 2,362,380; Nov. 7.
Ski. H. A. Snow. 2,347,441; Apr. 25.
Ski binding, Safety. E. O. Crocker and W. E. Breuner. 2,364,620; Dec. 12.
Ski bindings, Disuniting. H. Jansen. 2,338,249; Jan. 4.
Ski brake. H. W. Varner. 2,360,629; Oct. 17.
Ski construction. O. Ringnel. 2,340,080; Jan. 25.
Ski cutting machine. R. A. Cromwell. 2,361,820; Oct. 31.
Ski edge. H. Hohmann. 2,361,030; Oct. 24.
Ski pole. C. Nichols. 2,347,789; May 2.
Ski pole toe gripping device. R. E. Dye. 2,340,868; Feb. 8.
Ski stick. A. E. P. Kjellstrom. 2,360,240; Oct. 10.
Ski suspension. J. A. Bombardier. 2,343,526; Mar. 7.
Skid chain applier. R. Dubbs. 2,351,601; June 20.
Skill testing game. M. J. Binks. 2,347,657; May 2.
Skimmer. H. W. McKeen. 2,363,885; Nov. 28.
Skimmer, Scum. H. W. Gillard. 2,364,022; Nov. 28.
Skimming and flying vehicle. D. K. Warner. 2,364,676; Dec. 12.
Skimming apparatus. H. A. Stahl and L. D. Jones. 2,349,935; May 16.
Skin clamp. E. L. Lipp. 2,349,872; May 30.
Skin fastener. P. F. Rossmann. 2,339,881; Jan. 25.
Skins and method of dehairing. E. F. Christopher. 2,346,907; Apr. 18.
Skip hoist. G. Fox, O. C. Callow, and C. G. Bigelow. 2,345,662; Apr. 4.
Skip or hopper agitating and raising means. E. H. Lichtenberg. 2,344,312; Mar. 14.
Skip stitch machine. I. E. Bills, and W. B. Patey. 2,346,467; Apr. 11.
Skirt and bifurcated garment, Combined and convertible. M. L. Sansom. 2,343,480; Mar. 7.
Skirt and culottes, Combination. A. P. Frye. 2,358,156; Sept. 12.
Skirt, Plaited. J. Koret. 2,344,462; Mar. 14.
Skiving machine. P. H. Dixon. 2,349,850; May 30.
Skiving machine, Sole. K. W. Macdonald. 2,348,142; May 2.
Sky writing, Method of and recorded control for. J. T. Remey. 2,345,153; Mar. 28.
Sky writing timing apparatus and method. J. T. Remey. 2,345,154; Mar. 28.
Sky writing with a plurality of airplanes. J. T. Remey. 2,345,152; Mar. 28.
Slab, Corrugated fibrocement. G. Guerci. 2,348,433; May 9.
Slack adjuster. N. Flesch. 2,359,732; Oct. 10.
Slack adjuster. W. R. Freeman. 2,347,186; April 25.
Slack adjuster. W. R. Freeman. 2,348,734; May 16.
Slack or cuttings removing attachment for kerf-cutting machines. G. Bodin. 2,352,683; July 4.
Slack or cuttings removing device for kerf-cutting machines. W. T. McCullough. 2,352,795; July 4.
Slack or cuttings removing device for kerf-cutting machines. W. T. McCullough. 2,362,837; Nov. 14.
Slack puller. D. J. Neale. 2,344,062; Mar. 14.
Slack suit construction. A. B. Menzin. 2,357,532; Sept. 5.
Slacks and the like, Lady's. J. Netzky. 2,355,745; Aug. 15.
Slag deoxidation. C. H. Herty, Jr. 2,361,627; Oct. 31.
Slagging furnace. A. C. Foster. 2,360,863; Oct. 24.
Slasher brake. P. S. Benoit. 2,340,921; Feb. 8.
Slat construction for rolling doors. N. Michelman. 2,350,287; May 30.
Sled. J. M. Bowen and E. K. Bonner, Jr. 2,357,928; Sept. 12.
Sled pushing and pulling means. E. Hodaly. 2,350,036; May 30.
Sleeping bag. T. Anderson. 2,341,069; Feb. 8.
Sleeping bag. E. Bauer. 2,338,236; Jan. 4.
Sleeping unit, Convertible. R. H. O'Neill. 2,348,407; May 9.
Sleeve construction. L. White. 2,343,103; Feb. 29.
Sleeve or socket for drills and other tapered shank tools. Tapered. C. H. Duckett. 2,356,835; Aug. 29.
Sleeve press. G. R. Bicknell and F. A. Heidenfelder. 2,365,448-9; Dec. 19.
Sleeve, Protective. L. V. Montgomery. 2,344,893; Mar. 21.
Sleeve valve engine. H. C. Kirtland and K. L. Hulsing. 2,362,700; Nov. 14.
Sleeve-valve internal-combustion engine. H. C. Mansell. 2,357,052; Aug. 29.
Sleeved articles on pressing tables and operating means therefor, Smoothing. W. F. Gayring. 2,338,908; Jan. 11.
Sleeves, Making mussle. H. G. Scholtz, O. Mueller, and A. H. Habersatump. 2,360,724; Oct. 17.
Sleigh attachment, Baby's carriage. E. R. Morando. 2,352,966; July 4.
Slice bar and descaling method and apparatus. E. A. Skowron. 2,357,695; Sept. 5.
Slicing device. M. C. Fay. 2,343,448; Mar. 7.
Slicing device. E. H. Sager. 2,352,125; June 20.
Slicing machine. J. Folk. 2,347,818; May 2.
Slicing machine. J. Folk. 2,356,223; Sept. 12.
Slicing machine. R. E. Slayton. 2,338,130; Jan. 4.
Slicing machine. W. A. van Berkel. 2,355,487; Aug. 8.
Slicing machine. G. R. Wood. 2,355,354; Aug. 8.
Slicing machine unit. T. W. Winberg and R. A. Ames. 2,345,782; Apr. 4.
Slide card translator. R. F. Mallina. 2,361,859; Oct. 31.
Slide changing device. J. E. Harvey and W. T. Perkins. 2,364,788; Dec. 12.
Slide-fastened closure construction for rigid containers. N. A. Fowler. 2,344,861; Mar. 21.
Slide fastener. I. Goldstein. 2,355,152; Aug. 8.
Slide fastener. J. T. Tedesco. 2,353,858; July 18.
Slide loop. G. H. Elwell. 2,354,306; July 25.
Slide projector. R. W. Wengel. 2,362,601; Nov. 14.
Slide valve. J. Mercier. 2,343,689; Mar. 7.
Slider for slide fasteners and making the same. A. Savitsky. 2,364,100; Dec. 5.
Slider for slide fasteners, Automatic lock. W. Mikulas and L. L. Jones. 2,360,437; Oct. 17.
Slider lock, Separable fastener. D. Marinsky and L. H. Morin. 2,355,987; Aug. 15.
Slideway lubrication. C. W. Burnham. 2,343,533; Mar. 7.
Sliding car door. G. R. Treptow. 2,345,512; Mar. 28.
Sliding clasp fastener. R. Goldner. 2,346,024; Apr. 4.
Sliding clasp fastener. L. Parkin. 2,341,331; Feb. 8.
Sliding clasp fastener, Making. M. Winterhalter. 2,341,404; Feb. 8.
Sliding door hanger. W. S. Edwards. 2,363,121; Nov. 21.
Sliding door structure. H. T. Smith. 2,361,882; Oct. 31.
Sling. A. R. Baldeschwieler. 2,344,844; Mar. 21.
Sling. G. G. Farmer. 2,357,182; Aug. 29.
Sling, Equalising. L. M. Caldwell. 2,356,146; Aug. 22.
Sling, Rope. R. F. Joy. 2,359,424; Oct. 3.
Sling, Self-equalizing. L. M. Caldwell. 2,356,147; Aug. 22.
Slip. S. Roodner. 2,365,596; Dec. 19.
Slip. E. Summers. 2,345,841; Apr. 4.
Slip cover, Combination. J. Kotowicz. 2,344,093; Mar. 14.
Slipcover for overstuffed upholstered furniture, Self-conforming, surface-gripping, ready-made knitted. J. A. Krasnov. 2,350,359; June 6.
Slip for enameling. J. E. Rosenberg. 2,341,242; Feb. 8.
Slitter for printing presses and the like, Adjustable. J. A. Davidson. 2,360,653; Oct. 17.
Slitting and coating. K. R. Karlson. 2,340,127; Jan. 25.
Slitting machine, Sheet. L. L. Jones. 2,355,079; Aug. 8.
Sliver balling machine. A. J. Stalker. 2,359,257; Sept. 26.
Silver, Making. G. M. Lannan and F. Vanucci. 2,363,470; Nov. 21.
Slivers, Making. L. P. Miller. 2,361,306; Oct. 24.
Slope meter. A. D. Foster. 2,357,817; Sept. 12.
Slotting apparatus. L. L. Miller. 2,343,990; Mar. 14.
Slotting machine. H. E. Golber. 2,363,314; Nov. 21.
Slotting machine. E. W. McKinney. 2,366,045; Dec. 26.
Sludge pumping apparatus. F. W. Hartstein. 2,354,519; July 25.
Sludge, Water softening. R. F. Clemens. 2,359,748; Oct. 10.
Sludges, scums, and the like to prepare relatively purified tocopherol, Purification of. K. C. D. Hickman. 2,349,270; May 23.
Slug trimming mechanism for typographical casting machines. R. R. Mead. 2,347,787; May 2.

Slug vending machine. J. B. Bocanegra. 2,346,004; Apr. 4.
Sluice gate. H. A. Mayo. 2,360,961; Oct. 24.
Sluicing device for corpuscular ray apparatus. F. Weigand. 2,362,515; Nov. 14.
Slurries, Concentration of. H. G. Laughlin and G. J. Risser. 2,364,799; Dec. 12.
Slush pump. A. A. Ashton. 2,362,525; Nov. 14.
Slushing composition. E. W. Adams and G. W. Flint. 2,348,715; May 16.
Slushing compositions. L. H. Sudholz and J. C. Dean. 2,359,946; Oct. 10.
Small hole gauge. J. A. Dietrich. 2,356,832; Aug. 29.
Smelting of drosses, mattes and the like. E. P. Fleming and D. H. McIntosh. 2,343,760; Mar. 7.
Smoke deflector for tobacco pipes and cigar and cigarette holders. H. Van Campen and A. D. Hill, Jr. 2,356,548; Aug. 22.
Smoke eliminator. W. R. Chandler. 2,342,329; Feb. 22.
Smoke filter for tobacco pipes. S. Klughers. 2,345,676; Apr. 4.
Smoke oven. R. H. Trinkle. 2,352,590; June 27.
Smoke stack. H. H. Lanning. 2,350,512; June 6.
Smoke torch. J. M. King. 2,340,329; Feb. 1.
Smokeless fuel, Manufacture of. K. L. Storrs. 2,349,387; May 23.
Smokeless powder, Manufacturing. B. H. Mackey. 2,342,204; Feb. 22.
Smoker's appliance. A. Robb. 2,359,529; Oct. 3.
Smoker's article. B. R. Wright. 2,360,628; Oct. 17.
Smoker's device. E. W. Eweson. 2,347,941; May 2.
Smoker's draft tube. E. B. Helm. 2,349,551; May 23.
Smoker's pipe. M. S. Dunkelberger. 2,362,891; Nov. 14.
Smoker's pipe. J. F. Ricketts. 2,363,144; Nov. 21.
Smoker's pipe cleaner. G. C. Dickey. 2,350,674; June 6.
Smoking appliance. R. J. Miller. 2,357,018; Aug. 29.
Smoking device. W. M. Irvin. 2,355,652; Aug. 15.
Smoking pipe. G. A. Decker. 2,343,003; Feb. 29.
Smoking pipe. J. S. Lewis. 2,354,388; July 25.
Smoking pipe. P. J. Stieger. 2,354,712; Aug. 1.
Smoking pipe. O. Turinsky. 2,357,239; Aug. 29.
Snap-action device. G. M. Hausler. 2,360,128; Oct. 10.
Snap action device. K. Rath. 2,340,615; Feb. 1.
Snap action element. H. D. Matthews. 2,339,501; Jan. 18.
Snap-action valve mechanism. W. E. O'Shei. 2,348,492; May 9.
Snap clamp. C. E. Methny. 2,339,093; Jan. 11.
Snap clamp. G. A. Tinnerman. 2,340,711-13; Feb. 1.
Snap clamp. G. A. Tinnerman. 2,351,790; June 20.
Snap coupling particularly for multiple magnetos. W. Ochsenbein. 2,364,385; Dec. 5.
Snap key ring. G. J. Kollock. 2,362,280; Nov. 7.
Snap-on hub cap. W. A. Mulhern. 2,358,468; Sept. 19.
Snap ring assembling tool. J. H. Seme. 2,357,139; Aug. 29.
Snap switch. J. M. Coffeen and W. P. Heineken. 2,355,951; Aug. 15.
Snap switch. W. Dubilier. 2,341,858; Feb. 15.
Snap switch. F. W. Joyce. 2,348,982; May 16.
Snips. J. T. Ivy. 2,356,672; Aug. 22.
Snow grinding device. W. J. O'Brien. 2,341,471; Feb. 8.
Snow guard for roofs. M. Schweda. 2,349,201; May 16.
Snow handling apparatus. S. M. Hodsdon. 2,355,160; Aug. 8.
Snow melting device. E. S. Powell. 2,364,315; Dec. 5.
Snowplough. F. J. Roth. 2,365,597; Dec. 19.
Snowplow. M. M. Pilts. 2,353,928; July 18.
Snowplow. E. L. Wiedman. 2,350,437; June 6.
Snowplow attachment for toys. P. E. E. Coderre. 2,345,460; Mar. 28.
Snow removal device. J. Veneziano. 2,353,094; July 4.
Snow removing apparatus. R. E. Cole. 2,360,827; Oct. 24.
Snub terminal connector. A. J. Paucek. 2,358,132; Sept. 12.
Snubber, Hydraulic. M. D. Isely. 2,363,867; Nov. 28.
Snubber unit, Spring. C. J. Holland and A. H. Carlson. 2,358,510; Sept. 19.
Snubbing clamp for cables. M. Ruggieri. 2,338,822; Jan. 11.
Snuffer and carrier, Incendiary bomb. E. W. Dunbar and D. E. Dunbar, Jr. 2,355,428; Aug. 8.
Soap and article produced thereby, Making. E. A. Westerberg. 2,360,920; Oct. 24.
Soap and process for its manufacture. R. Brown. 2,354,686; July 18.
Soap and product thereof, Making. B. Clayton. 2,343,829; Mar. 7.
Soap bar, Divisible. J. E. Egan. 2,339,773; Jan. 25.
Soap chip dispenser. R. M. Storer. 2,349,017; May 16.
Soap container. F. D. Hogg. 2,356,056; Aug. 15.
Soap cutter. R. V. Burt. 2,359,403; Oct. 3.
Soap dispenser. W. A. Dudley. 2,357,387; Sept. 5.
Soap grease, Lithium. H. A. Woods and J. M. Plantfeber. 2,351,384; June 13.
Soap greases, Preparing aluminum. J. C. Zimmer and A. J. Morway. 2,365,037; Dec. 12.
Soap holder. H. R. Stewart. 2,357,774; Sept. 5.
Soap leaf. C. W. Mabley. 2,356,168; Aug. 22.
Soap manufacture. V. N. Jenkins and C. E. Wilson. 2,361,547; Oct. 31.
Soap, Manufacture of. A. T. Scott. 2,348,855; May 16.
Soap of soap-forming acids in powdered, free-flowing form, Water-insoluble. G. M. O'Neal. 2,350,526; June 6.
Soap package and making the same. F. J. Warren. 2,364,575; Dec. 5.
Soap, Process and apparatus for molding. R. Craig and L. S. Harber. 2,354,000; July 18.
Soaps, Hydrogenation of fatty acid. J. Ross and J. A. V. Turck, Jr. 2,363,694; Nov. 28.
Soaps, Metal. E. V. Murphree. 2,356,340; Aug. 22.
Soapstone holder. E. L. B. May. 2,350,629; June 6.
Sock, Boot. M. P. Ross. 2,343,477; Mar. 7.
Sock lining. J. J. Kubovcik. 2,355,168; Aug. 8.
Sock stretcher and drier, Foldable and extensible. M. D. Causer. 2,354,849; Aug. 1.
Socket. V. E. Carlson and P. T. Hahn. 2,357,311; Sept. 5.
Socket. J. D. Kennelly. 2,349,097; May 16.
Socket and starter for fluorescent lamps. F. C. De Reamer. 2,350,341; June 6.
Socket and switch construction, Lamp. C. Bramming. 2,352,248; June 27.
Socket, Cable. T. W. Isaacs. 2,346,846; Apr. 18.
Socket, Cathode ray tube. A. W. Franklin. 2,359,634; Oct. 3.
Socket, Fluorescent tube. H. Rosenthal. 2,338,970; Jan. 11.
Socket for electric light bulbs, Weatherproof. E. R. Kulka. 2,340,062; Jan. 25.
Socket for switch signal lamps. R. C. Schatzman. 2,363,265; Nov. 21.
Socket pin. A. J. Kosha. 2,339,174; Jan. 11.
Socket, Plug type. A. J. King and D. S. Robbins. 2,341,922; Feb. 15.
Socket, Pull chain. A. G. Mueller. 2,364,995; Dec. 12.
Socket, Wire rope. G. C. Soule. 2,353,975; July 18.
Socket wrenches, Making. W. W. Hartman. 2,340,529; Feb. 1.
Sod cutter. F. Phillips. 2,345,425; Mar. 28.
Sodium aluminate product and producing the same. F. K. Lindsay and B. F. Willey. 2,345,134; Mar. 28.
Sodium bismuth triglycollamate. R. A. Lehman and R. C. Sproull. 2,348,984; May 16.
Sodium carbonate, Purifying crude. A. C. Houghton. 2,347,053; Apr. 18.
Sodium chloride tails, Treating. L. W. Ferris. 2,340,523; Feb. 1.
Sodium hydro-sulphide solutions, Production of concentrated. L. E. Border and E. T. Gerhart. 2,346,550; Apr. 11.
Sodium hydroxide-sodium sulphide cooking liquors, Regenerating. W. L. Savell. 2,358,187; Sept. 12.
Sodium methaphosphate, Producing insoluble. G. E. Taylor and A. G. Erdman. 2,356,799; Aug. 29.
Sodium sulphide, Manufacture of. G. A. Peirce. 2,344,104; Mar. 14.
Sodium zinc chromate pigment, Basic. A. E. Van Wirt and R. E. Lalor. 2,340,716; Feb. 1.
Sofa. B. E. Jones. 2,338,814; Jan. 11.
Soft curd milk, Preparing. A. B. Storrs. 2,353,946; July 18.
Softeners for copolymers of butadiene hydrocarbons and alpha methylene nitriles. B. S. Garvey. 2,360,865-6; Oct. 24.
Softeners for synthetic rubber. D. V. Sarbach. 2,360,895-8; Oct. 24.
Softening of water and the flocculation of suspended solids in aqueous liquids. J. O. Samuel. 2,354,146; July 18.
Soil analysis for location of oil deposits. A. O. Beckman 2,348,103; May 2.
Soil shredder and pulverizer. F. J. Lindig. 2,353,836; July 18.
Soil, Stabilization of. A. B. Miller. 2,357,124; Aug. 29.
Soil, Ventilating and fertilizing. R. Martin and H. T. Bellamy. 2,341,800; Feb. 15.
Solar water heater. C. A. and R. W. Routh, and O. O. Summer. 2,358,476; Sept. 19.
Solder. G. Durst. 2,362,893; Nov. 14.
Solder alloy. G. M. Bouton, G. S. Phipps, and E. E. Schumacher. 2,351,477; June 13.
Solder, Brazing. M. M. Goldsmith. 2,355,067; Aug. 8.
Solder-filled sheet metal, Laminated. E. Strasser. 2,354,409; July 25.
Solder for aluminum workpieces. F. Strasser. 2,364,402; Dec. 5.
Soldering apparatus. P. W. Crist and S. G. Johansson. 2,347,397; Apr. 25.
Soldering, Continuous soft. H. G. Hughey. 2,352,325; June 27.
Soldering device. P. Bogner. 2,344,589; Mar. 21.
Soldering flux. L. Pessel. 2,361,867; Oct. 31.
Soldering iron. W. N. Vanatta. 2,341,831; Feb. 15.
Soldering machine. W. D. Jordan. 2,361,947; Nov. 7.
Sole and insole combination, Middle. M. Margolin. 2,347,701; May 2.
Sole, Footwear. U. Urbany. 2,365,027; Dec. 12.
Sole for shoes. M. I. Rovick. 2,359,681; Oct. 3.
Sole-laying machine. F. V. Hart. 2,338,764; Jan. 11.
Sole of wood or other stiff material, Articulated. H. and O. Ghes. 2,352,532; June 27.
Sole positioning device. L. J. Bazzoni. 2,344,531; Mar. 21.
Sole preparing machine. W. L. MacKenzie. 2,353,738; July 18.

Sole, Shoe. E. E. Rollman and R. Beauvais. 2,363,995; Nov. 28.
Soles, Tempering. W. E. Phinney. 2,348,413; May 9.
Soles to shoes, Method of and apparatus for cementing. E. A. Crepeau. 2,342,725; Feb. 29.
Solenoid. M. W. Bowen. 2,356,377; Aug. 22.
Solenoid. H. T. Sparrow. 2,350,938; June 6.
Solenoid operated valve. W. A. Ray. 2,358,999; Sept. 26.
Solid fuel burner. E. C. Peterson and L. V. Baumgart. 2,364,913; Dec. 12.
Solid invertase products, Manufacture of. C. A. Neuberg. 2,361,315; Oct. 24.
Solid materials of different specific gravities, Separation of. F. Trostler and T. Andrews. 2,349,528; May 23.
Solid materials, Recovery of finely divided. R. W. Williams. 2,356,717; Aug. 22.
Solid matter in oil wells, pipelines, and flow lines, Preventing and/or removing accumulation of. S. Lehmann, Jr., and C. M. Blair, Jr. 2,356,254; Aug. 22.
Solids from mixtures of solids and liquids, Separation of. E. L. Cole. 2,355,203; Aug. 8.
Solids from mixtures of solids and liquids, Separation of. E. L. Cole and H. H. Gross. 2,353,810; July 18.
Solids from solution, Recovering. H. A. Beekhuis, Jr. 2,347,073; Apr. 18.
Solids, Transferring subdivided. V. Voorhees. 2,338,606; Jan. 4.
Sols, Preparation of. M. D. Marshall. 2,356,773–4; Aug. 29.
Solution for the preparation of rayon. K. R. Brown. 2,350,985; June 13.
Solution, Hypo eliminator. L. E. Muehler. 2,338,662–3; Jan. 4.
Solution of water-soluble cellulose ethers. R. C. Medl, Jr. 2,340,072; Jan. 25.
Solution, Spinal anestetic. G. P. Pitkin. 2,340,425; Feb. 1.
Solutions containing high ratios of sodium carbonate to sodium sulphate, Preparing. L. G. Black, E. B. Fitch and H. B. Suhr. 2,348,164; May 2.
Solutions for the manufacture of artificial fibres, Production of. J. P. Dickson and W. Sever. 2,358,219; Sept. 12.
Solutions of cellulose in sulphuric acid, Manufacture of. H. Fink and R. Hofstadt. 2,345,333; Mar. 28.
Solutions of copper mercaptides from terpenes. A. L. Fox. 2,349,820; May 30.
Solutizer process. L. L. Lovell, A. E. Martin, and F. W. Bell. 2,346,497; Apr. 11.
Solutizer solutions, Reconditioning used. L. E. Border. 2,354,619; Sept. 19.
Solvent composition and cleaning lubricated apparatus. J. D. Morgan. 2,339,096; Jan. 11.
Solvent compositions. W. J. Backoff and N. D. Williams. 2,347,983; May 2.
Solvent extracting apparatus. E. C. Pattee. 2,345,626; Apr. 4.
Solvent-extracting gasolines. R. E. Burk. 2,364,517; Dec. 5.
Solvent extraction. A. J. De Rosset. 2,363,298; Nov. 21.
Solvent extraction. W. E. Kuhn. 2,357,667; Sept. 5.
Solvent extraction of mineral oils. O. L. Polly and A. C. Byrns. 2,347,432; Apr. 25.
Solvent extraction of oil. R. E. Manley. 2,342,205; Feb. 22.
Solvent extraction of oils and acids. J. D. Jenkins. 2,352,546; June 27.
Solvent extraction process. T. W. Evans and R. C. Morris. 2,360,859; Oct. 24.
Solvent extraction process. R. C. Morris and T. W. Evans. 2,357,344; Sept. 5.
Solvent extraction process. R. C. Morris and N. C. Melchior. 2,365,898; Dec. 26.
Solvent extraction process. R. C. Morris and E. C. Shokal. 2,360,860; Oct. 24.
Solvent extraction process. R. C. Morris and E. C. Shokal. 2,360,862; Oct. 24.
Solvent extraction process. G. J. Pierotti and C. L. Dunn. 2,360,861; Oct. 24.
Solvent extraction process. R. N. Shiras and A. J. Johnson. 2,357,028; Aug. 29.
Solvent for chlorinated rubber. P. Kummel. 2,338,948; Jan. 11.
Solvent for olefins, Selective. B. F. Robey and R. Rosen. 2,338,600; Jan. 4.
Solvent for organic film-forming materials. W. Reppe, O. Hecht, and F. Oschatz. 2,345,427; Mar. 28.
Solvent mixtures, Preparation of. A. G. Bright and W. E. Fisher. 2,350,719; June 6.
Solvent, Paraffin. W. H. Ellinger. 2,364,281; Dec. 5.
Solvent, Pickling. J. D. Morgan. 2,360,509; Oct. 17.
Solvent recovery from colloided material. H. Rosenthal. 2,349,562; May 23.
Solvent refining of lubricating oils. G. G. Oberfell. 2,342,362; Feb. 22.
Solvent separation of liquid mixtures. W. Kiersted, Jr. 2,346,401; Apr. 11.
Solvents for copolymers of butadiene hydrocarbons and alpha, methylene nitriles. B. S. Garvey. 2,360,867; Oct. 24.
Solvents for organic film-forming materials. W. Reppe, O. Hecht, and F. Oschatz. 2,362,858; Nov. 14.
Solvents, Separation of. W. E. Fisher. 2,341,433; Feb. 8.
Solvents to separate wax and oil, Using normally gaseous. E. M. Doms and O. G. Mauro. 2,354,247; July 25.
Sonic depth indicator. W. A. Tolson. 2,346,093; Apr. 4.
Sonic pulverization and dispersion of materials, Method and apparatus for effecting. T. Robinson. 2,360,893; Oct. 24.
Soot blower. W. D. Ridley. 2,350,929; June 6.
Soot blower control. W. P. Thomas. 2,350,202; May 30.
Soot blower for double walled boiler settings. DeL. E. Hibner and F. C. Arey. 2,343,112; Feb. 29.
Sorel cements, Producing. J. Berlek. 2,344,387; Mar. 14.
Sorter. J. T. Ferry. 2,352,258; June 27.
Sorting and assembly system. D. Weinberg. 2,362,683; Nov. 14.
Sorting apparatus. M. L. Sandell. 2,338,133; Jan. 4.
Sorting device. E. H. Birdsall. 2,356,203; Aug. 22.
Sorting device. E. H. Birdsall. 2,359,890; Oct. 10.
Sorting device. R. Connor and N. S. Welk. 2,347,811; May 2.
Sorting device for container making machines. N. Pelosi. 2,361,960; Nov. 7.
Sorting machine. J. Dichter. 2,355,280; Aug. 8.
Sorting machine. A. H. Dickinson and R. T. Blakely. 2,359,630; Oct. 3.
Sorting machine. H. A. Fink. 2,339,065; Jan. 11.
Sorting machine. H. E. Gantzer. 2,341,373; Feb. 8.
Sorting machine. E. H. Linkner. 2,355,311; Aug. 8.
Sorting machine. E. J. Rabenda and H. J. Kistner. 2,350,531; June 6.
Sorting machine. J. N. Wheeler. 2,343,268; Mar. 7.
Sound-absorbing materials, Method and apparatus for the production of. W. I. Lucius. 2,355,454; Aug. 8.
Sound absorbing structure. H.-H. Wolff. 2,356,640; Aug. 22.
Sound-absorbing unit. W. A. Jack, 3rd, and A. Mensak, Jr. 2,357,115; Aug. 29.
Sound band matrices, Producing. H. Westerkamp. 2,352,052; June 20.
Sound barrier wall or door construction. R. L. Leadbetter. 2,350,513; June 6.
Sound deadening material, Manufacturing. O. W. Hueter. 2,338,813; Jan. 11.
Sound deadening wall construction. C. L. Woodworth. 2,341,305; Feb. 8.
Sound distributor for sound reproducers. S. H. Barclay. 2,359,348; Oct. 3.
Sound film apparatus. L. R. Streeter. 2,349,122; May 16.
Sound film device. E. May. 2,358,411; Sept. 19.
Sound generator. R. L. Owens. 2,354,609; Aug. 1.
Sound, Method of and apparatus for reproducing. D. A. Whitson. 2,361,581; Oct. 31.
Sound optics for cineprojectors, Adjustable. A. F. Victor. 2,364,495; Dec. 5.
Sound pickup apparatus. M. Rettinger. 2,346,394; Apr. 11.
Sound pickup device. M. Rettinger. 2,346,395; Apr. 11.
Sound record and making. R. Wagner. 2,347,623; Apr. 25.
Sound record and representative graph and means for producing the same, Composite. H. M. Kirschbaum. 2,347,325; Apr. 25.
Sound record, Motion picture. W. J. Weyerts. 2,341,406; Feb. 8.
Sound recording. C. Chedister. 2,346,905; Apr. 18.
Sound recording. E. W. Kellogg. 2,343,674; Mar. 7.
Sound recording and reproducing. B. A. Proctor. 2,355,751; Aug. 15.
Sound recording and reproducing apparatus. P. S. Gay. 2,351,948; June 20.
Sound recording and reproducing machine. B. A. Proctor. 2,345,148; Mar. 28.
Sound recording and reproducing system. C. M. Sinnett. 2,361,658; Oct. 31.
Sound recording and reproducing system, Continuous. H. P. Clausen. 2,362,803; Nov. 14.
Sound recording apparatus. H. S. Berliner. 2,850,490; June 6.
Sound recording apparatus. I. H. Goldman. 2,340,658; Feb. 1.
Sound recording apparatus. W. J. Green. 2,340,806; Feb. 1.
Sound recording apparatus. L. Neumann. 2,341,468; Feb. 8.
Sound recording apparatus. C. D. Shrader. 2,344,646; Mar. 21.
Sound recording compressor method and system. K. Singer. 2,357,696; Sept. 5.
Sound recording device. S. Rey. 2,340,562; Feb. 1.
Sound recording machine. H. P. Clausen. 2,354,739; Aug. 1.
Sound recording method and system. A. L. Holcomb. 2,338,766; Jan. 11.
Sound recording system. F. G. Albin. 2,354,295; July 25.
Sound recording system. C. M. Sinnett. 2,349,888; May 30.
Sound recording system, Variable density. A. C. Blaney. 2,361,451; Oct. 31.
Sound recording with supersonic modulator. F. Herrnfeld. 2,343,182; Feb. 29.

Sound records, Production of. F. Steube. 2,352,032; June 20.
Sound reproducing and receiving device. F. Harrison. 2,346,429; Apr. 11.
Sound reproducing device. S. J. Begun. 2,363,497; Nov. 28.
Sound reproducing instrument. G. Holland. 2,341,275; Feb. 8.
Sound reproducing system. G. P. Brubaker. 2,348,204; May 9.
Sound reproducing system. W. A. Mueller. 2,361,490; Oct. 31.
Sound reproducing system and coin collecting actuator therefor. W. S. Farrell. 2,352,188; June 27.
Sound re-recording system. W. V. Wolfe. 2,341,303; Feb. 8.
Sound signal apparatus. J. R. MacKay. 2,340,604; Feb. 1.
Sound synchronising apparatus for motion pictures and phonographic recordings. F. S. Sinclaire. 2,353,320; July 11.
Sound translating device. A. F. Horlacher. 2,355,298; Aug. 8.
Soy bean cleaner. E. Kenitz. 2,361,034; Oct. 24.
Soybean oil, Treating. H. D. Royce. 2,349,381; May 23.
Space discharge apparatus and circuit. F. Gray. 2,340,742; Feb. 1.
Space discharge tube. L. H. La Forge, Jr. 2,354,031; July 18.
Space heater. G. M. Schueder and E. F. Farrell. Re. 22,482; May 16.
Space perception, Demonstrating and testing visual. A. Ames, Jr. 2,340,856; Feb. 8.
Space sterilization. S. C. Coey and J. W. Spiselman. 2,344,536; Mar. 21.
Spacer. K. W. Hildenbrand. 2,355,801; Aug. 15.
Spacer and expander, Piston ring. W. S. Mason. 2,358,239; Sept. 12.
Spacing, bracing, retaining and clamping device. J. E. Bronner. 2,358,209; Sept. 12.
Spacing gauge for sewing machines. H. Rappaport. 2,352,566; June 27.
Spanner for electrified fencing. S. A. Moore. 2,350,290; May 30.
Spar structure for airplane wings. F. M. Smith. 2,365,781; Dec. 26.
Spar tapering and shaping machine. R. F. Onsrud. 2,345,494; Mar. 28.
Spare tire carrier. C. G. Dowd and G. P. Engler. 2,342,127; Feb. 22.
Spare wheel carrier. J. F. Kosky and R. F. Plumb. 2,355,980; Aug. 15.
Spark check arrangement. S. G. Isserstedt. 2,358,166; Sept. 12.
Spark control. S. M. Udale. 2,365,313; Dec. 19.
Spark discharge device. W. I. Linlor. 2,361,218; Oct. 24.
Spark gap. A. C. Wall. 2,354,786; Aug. 1.
Spark gap device. W. G. Roman. 2,365,595; Dec. 19.
Spark plug. C. E. Berstler. 2,360,390; Oct. 17.
Spark plug. S. M. Dobrosavljevitch. 2,350,731; June 6.
Spark plug. A. C. Hastings, Jr., O. B. Hastings, and W. R. Horsfield. 2,356,053; Aug. 15.
Spark plug. S. D. Heron. 2,347,050; Apr. 18.
Spark plug. S. D. Heron, and K. Beaver. 2,347,051; Apr. 18.
Spark plug. W. W. Higgins. 2,359,421; Oct. 3.
Spark plug. L. A. Hyland. 2,352,480; June 27.
Spark plug. J. G. Jackson. 2,355,163; Aug. 8.
Spark plug. F. Kapp. 2,340,963; Feb. 8.
Spark plug. G. M. Paulson. 2,359,872; Oct. 10.
Spark plug. M. F. Peters and F. I. McCarthy. 2,357,602; Sept. 5.
Spark plug. H. Rabezzana. 2,350,476; June 6.
Spark plug. M. J. Sobel. 2,361,975; Nov. 7.
Spark plug. G. S. Weinerth. 2,340,091; Jan. 25.
Spark plug. G. S. Weinerth. 2,353,620; July 11.
Spark plug and making the same. T. Tognola. 2,348,427; May 9.
Spark plug and making the same. T. Tognola. 2,356,104; Aug. 15.
Spark plug connectors, Making shielded. T. W. Milton. 2,348,919; May 16.
Spark plug electrode. J. R. Gretzinger, A. J. Battey and H. Rabezzana. 2,350,896; June 6.
Spark plug manufacture. H. R. Feichter. 2,351,029; June 13.
Spark plug (radio shielded), Aviation. J. Devine. 2,358,911; Sept. 26.
Spark plug structure. L. A. Hyland. 2,352,481; June 27.
Spark plugs, Making. E. D. Rollert. 2,360,279; Oct. 10.
Spark plugs, Making. R. W. Smith. 2,360,287; Oct. 10.
Sparking plug. C. M. Carington and G. W. Shoobert. 2,342,360; Feb. 22.
Sparking plug. B. Hopps. 2,349,432; May 23.
Spatula mill. L. W. Claybourn and E. A. Butler. 2,342,252; Feb. 22.
Specific gravity indicator. M. A. Cook. 2,345,180; Mar. 28.
Specimen grip for testing machines. M. B. Vordahl. 2,350,577; June 6.
Spectacle case. E. Nathan. 2,351,447; June 13.
Spectacle case. E. Nathan. 2,353,413; July 11.
Spectacle, Semirimless. L. J. Pare. 2,343,574; Mar. 7.
Spectacles. C. T. Pankhurst. 2,358,734; Sept. 19.
Spectacles. H. O. Sheldon. 2,349,764; May 23.
Spectacles, Top arm. J. J. Rohrbach. 2,357,267; Aug. 29.
Spectrochemical analysis method. R. E. Nusbaum and J. W. Hackett. 2,344,719; Mar. 21.
Spectrograph, Grating. W. M. Rust, Jr., and M. A. Arthur. 2,351,457; June 13.
Spectrometer, Mass. H. Hoover, Jr. 2,341,551; Feb. 15.
Spectrophotometer. E. D. Coleman. 2,339,053; Jan. 11.
Spectrophotometer accessory. W. A. Shurcliff. 2,347,066; Apr. 18.
Spectrophotometer amplifier. R. L. Hood. 2,359,734; Oct. 10.
Spectrophotometer antibacklash reduction drive. O. W. Pineo. 2,358,097; Sept. 12.
Spectrophotometer apparatus for absorbing specular reflection. W. A. Shurcliff. 2,347,067; Apr. 18.
Spectrophotometer attachment for rejecting specular reflections. W. A. Schurcliff. 2,364,825; Dec. 12.
Spectrophotometric particle mixture cam. E. I. Stearns, Jr. 2,344,748; Mar. 21.
Spectroscopic apparatus. S. J. Jacobsohn. 2,342,737; Feb. 29.
Speech garbling apparatus. E. N. Dingley, Jr. 2,361,930; Nov. 7.
Speed and braking distance indicator. H. F. Morley and R. E. Gearhart. 2,340,403; Feb. 1.
Speed belt drive, Variable. L. B. Huthsing and C. M. Gregory. 2,346,028; Apr. 4.
Speed changing device. J. C. Coen. 2,344,341; Mar. 14.
Speed control and synchronizing device. W. E. Mydans. 2,357,055; Aug. 29.
Speed control system. W. Schaelchlin. 2,338,545; Jan. 4.
Speed control valve. R. D. McLeod. 2,365,892; Dec. 26.
Speed correction in telegraph circuits. J. A. Spencer. 2,363,367; Nov. 21.
Speed drive for fast running machines, especially for cycle dynamo machines. A. Rabl. 2,348,848; May 16.
Speed governing means. P. A. Noxon. 2,364,810; Dec. 12.
Speed mechanism for machine tools. A. W. Wigglesworth and E. R. Mons. 2,344,434; Mar. 14.
Speed mechanism, Variable. E. A. Terrell. 2,363,161; Nov. 21.
Speed recording apparatus. D. T. Parrish. 2,342,687; Feb. 29.
Speed registering device. E. J. Dowden. 2,361,826; Oct. 31.
Speed regulating apparatus. R. Lee. 2,353,314; July 11.
Speed regulating mechanism. W. C. Rosenthal. 2,346,332; Apr. 11.
Speed regulation system. L. M. Potts. 2,357,285; Sept. 5.
Speed regulator. A. G. Ten Eyck. 2,352,136; June 20.
Speed responsive apparatus. W. P. Place. 2,364,751; Dec. 12.
Speed responsive device. J. W. Livingston. 2,338,859; Jan. 11.
Speed responsive device, Vehicular. L. L. Bosch. 2,362,971; Nov. 21.
Speed responsive regulator for hydraulic gears. H. Kieser. 2,341,624; Feb. 15.
Speed transmission, Enclosed variable-speed. C. E. Johnson and E. Mendenhall. 2,342,941; Feb. 29.
Speed transmission, Gearless variable. F. W. Seeck. 2,364,393; Dec. 5.
Speed transmission, Stepless change. W. Voegeli. 2,348,940; May 16.
Speed transmission, Variable. A. G. Bade. 2,353,136; July 11.
Speed transmission, Variable. G. A. Lochhead. 2,342,741; Feb. 29.
Speed transmission, Variable. W. L. Pollard. Re. 22,466; Apr. 4.
Speed transmission, Variable. L. E. Shaw. 2,342,604; Feb. 22.
Speed transmission, Variable. L. E. Shaw. 2,360,076; Oct. 10.
Speed transmission, Variable. E. G. Staude and A. M. Walstrom. 2,364,323; Dec. 5.
Speed transmission, Variable. E. G. Staude and A. M. Walstrom. 2,364,325; Dec. 5.
Speed unit, Variable. A. Rafter. 2,351,148; June 13.
Speed wrench. W. W. Pike. 2,365,839; Dec. 26.
Speedometer alarm. J. R. Bayston. 2,359,191; Sept. 26.
Speedometer drive. G. W. Harper. 2,346,681; April 18.
Spherical aberration of electron lenses, Dynamic method of correcting. V. K. Zworykin, J. Hillier, and E. G. Ramberg. 2,354,287; July 25.
Sphygmomanometer, Compact. M. H. Damron. 2,341,137; Feb. 8.
Spider. D. Kelleher and J. H. Holan, Jr. 2,341,722; Feb. 15.
Spike, Plastic tie plate anchor. F. M. Graham and E. E. Martin. 2,365,645; Dec. 19.
Spike puller. M. B. Alley. 2,362,334; Nov. 7.
Spike, Railroad. L. A. Couch. 2,348,331; May 9.
Spike, Track. M. H. Brown, Jr. 2,356,376; Aug. 22.
Spindle. L. D. Cobb. 2,350,272; May 30.
Spindle and bobbin construction. R. P. Bennett. 2,339,372; Jan. 18.

Spindle control mechanism. W. F. Groene and H. J. Siekmann. 2,348,973; May 16.
Spindle control mechanism. W. F. Groene and H. J. Siekmann. 2,354,010; July 18.
Spindle drill head, Adjustable multiple. R. B. Aiman. 2,349,240; May 23.
Spindle drive. H. W. Ruppel. 2,357,427; Sept. 5.
Spindle for textile mill use. H. Gleitz. 2,351,951; June 20.
Spindle mounting. De W. Clausen. 2,356,506; Aug. 22.
Spindle rail gauge. A. M. Guillet. 2,352,536; June 27.
Spindle, Record changer. W. J. Faulkner. 2,355,790; Aug. 15.
Spindle, Recording. R. Heil. 2,356,584; Aug. 22.
Spindle supporting apparatus. R. W. Young. 2,363,378; Nov. 21.
Spindles, Winding. E. Koella. 2,358,076; Sept. 12.
Spinner for airscrews. F. G. Marshall. 2,353,578; July 11.
Spinnerette. H. J. Jones. 2,362,277; Nov. 7.
Spinning and drying cage, Rayon. A. F. F. Mothwurf. 2,365,096; Dec. 12.
Spinning and twister frames, Builder motion for. S. E. Edlors. 2,345,245; Mar. 28.
Spinning composition and textile fiber made therefrom. E. W. Rugeley and W. M. Quattlebaum, Jr. 2,344,002; Mar. 14.
Spinning device for landing-gear wheels of airplanes and the like. A. P. Davis. 2,339,241; Jan. 18.
Spinning, Electrostatic. H. R. Childs. 2,338,570; Jan. 4.
Spinning machine. A. Lodge. 2,351,772; June 20.
Spinning, Method and apparatus for. A. Formhals. 2,349,950; May 30.
Spiral cutter. J. P. Bagan. 2,342,032; Feb. 15.
Spiral oil filter. J. L. Breese. 2,344,590; Mar. 21.
Spiral plate heat exchange structure. S. G. Ström. 2,340,739; Oct. 17.
Spirals, Method and machine for forming plastic. M. Yellin. 2,363,826; Nov. 28.
Spirals or rolls, Method and apparatus for accumulating material in. W. B. Wait. 2,344,661; Mar. 21.
Spirit device. L. T. Weagle. 2,362,872; Nov. 14.
Spirit level device. J. Geier. 2,356,311; Aug. 22.
Splash protector. J. G. Wals. 2,359,176; Sept. 26.
Splicable belt. W. E. Perry. 2,358,534; Sept. 19.
Splicing clamp. E. E. Clark. 2,351,402; June 13.
Splicing device for electrical conductors. G. B. Wadsworth. 2,348,100; May 2.
Splicing mechanism, Belt. G. A. Schieren. 2,355,112; Aug. 8.
Splicing two webs in overlapping relation. A. C. Robertson. 2,360,277; Oct. 10.
Splint. A. H. Parcher. 2,339,515; Jan. 18.
Splint, Adjustable. D. Goldberg. 2,357,323; Sept. 5.
Splint, Fracture immobilization. R. Anderson. 2,346,346; Apr. 11.
Splint tensioning device. R. H. A. Paley and D. W. H. Hardy. 2,344,631; Mar. 21.
Splint, Universal. C. B. Ulrich. 2,362,866; Nov. 14.
Splints for matches, Machine for manufacturing. L. Contratto. 2,355,512; Aug. 8.
Split housing plug valve. M. G. Miller. 2,349,978; May 30.
Splitting mechanism. J. J. Kendle and E. W. Young. 2,355,324; Aug. 22.
Sponge cup. J. A. Petrullo. 2,341,285; Feb. 8.
Sponge metals and alloys, Reducing ores and forming. B. A. Jeffery. 2,351,765; June 20.
Sponge rubber mold. C. F. Sudman. 2,340,278; Jan. 25.
Spongelike or cellular rubber, Manufacture of goods of or containing. S. D. Taylor and D. W. Pounder. 2,345,065; Apr. 4.
Sponges, Bleaching of. H. G. Hyatt. 2,344,987; Mar. 28.
Sponges, Preparing artificial. L. P. G. Vautier. 2,345,201; Apr. 11.
Spool. W. E. Parker. 2,363,744; Nov. 28.
Spool and container therefor. W. F. Punte. 2,351,782; June 20.
Spool construction, Fishing reel. W. L. Adams. 2,344,665; Mar. 21.
Spool for cameras, Plastic film. F. G. Purinton. 2,341,333; Feb. 8.
Spool holder. J. Gray. 2,340,184; Jan. 25.
Spool holder. P. Mercer. 2,343,954; Feb. 29.
Spool holder unit. W. E. Taylor. 2,346,199; Apr. 11.
Spool making apparatus. J. A. Johnson. 2,365,274; Dec. 19.
Spool or reel. H. C. Howsam. 2,354,375; July 25.
Spool or reel. M. J. Young. 2,339,311; Jan. 18.
Spool structure. W. H. Bodden. 2,353,216; July 11.
Spool, Textile. R. Atwood. 2,359,603-4; Oct. 3.
Spool, Thread. B. M. Harvey and H. B. Harvey. 2,355,435; Aug. 8.
Spooling apparatus. C. J. Dentzer, G. W. Shurmer, and O. J. Vanek. 2,351,669; June 20.
Spooling mechanism and motor control circuit. S. J. Delth. 2,354,185; July 25.
Spoon, Baby. L. B. Stratton. 2,338,980; Jan. 11.
Spoon dispenser. R. H. Renfro. 2,340,561; Feb. 1.
Spot applying process for caps. A. Weisenburg. 2,342,504; Feb. 22.
Spot forming means for crown cap spotting machines. P. E. Pearson. 2,358,026; Sept. 12.
Spot welder. R. Schnarz. 2,340,083; Jan. 25.
Spotting and signaling apparatus. J. Barnstyn. 2,348,050; May 2.
Spotting apparatus. W. C. Glover, Jr. 2,363,956; Nov. 28.
Spotting board. W. M. Cissell. 2,360,331; Oct. 17.
Spotting board. W. O. Damme and B. J. Gabler. 2,340,832; Feb. 1.
Spotting dolly for airplanes and the like. H. B. Cowgill, Jr. 2,357,533; Sept. 5.
Spout, Curton having a pouring. W. A. Ringler. 2,358,659; Sept. 19.
Spout for containers, Pouring. F. H. Miller. 2,352,587; June 27.
Spout, Pouring. M. de Cosmo. 2,344,680; Mar. 21.
Spray. R. R. Root. 2,339,426; Jan. 18.
Spray bar for distributing bituminous and like materials. H. A. Cartwright. 2,342,120; Feb. 22.
Spray composition. C. D. Dolman. 2,346,362; Apr. 11.
Spray control, Coating. H. L. Porch. 2,362,926; Nov. 14.
Spray device. E. F. Delfoe and J. M. Williams. 2,364,059; Dec. 5.
Spray device. W. C. Salemme. 2,343,804; Mar. 7.
Spray device. C. A. Tea. 2,339,036; Jan. 11.
Spray device for moistening coated paper. C. A. Garrison. 2,342,536; Feb. 22.
Spray gun. R. A. Larson. 2,362,834; Nov. 14.
Spray gun. W. C. Mason. 2,356,865; Aug. 29.
Spray gun. R. R. Pellar. 2,348,566; May 9.
Spray gun valve. W. M. Spreng. 2,347,755; May 2.
Spray guns or other devices through predetermined paths. H. A. Roselund. 2,344,108; Mar. 14.
Spray material and making the same. R. B. Arnold. 2,343,359; Mar. 7.
Spray metal gun of the gas blast type. A. P. Shepard. 2,361,420; Oct. 31.
Spray nozzle. D. J. Peeps. 2,356,944; Aug. 29.
Spray recovery means, Coating material. C. C. Bell. 2,347,728; May 2.
Sprayer. S. Janke. 2,342,940; Feb. 29.
Sprayer and fluid container therefor. J. W. Patterson. 2,361,704; Oct. 31.
Sprayer, Convertible. G. R. Cargill. 2,344,233; Mar. 14.
Spraying apparatus. G. L. Dale. 2,363,776; Nov. 28.
Spraying apparatus. F. W. Guibert. 2,341,036; Feb. 8.
Spraying apparatus. W. M. Houghton. 2,362,634; Nov. 14.
Spraying apparatus. C. B. Yount. 2,366,150; Dec. 26.
Spraying device. T. E. D. Bilde. 2,358,377; Sept. 19.
Spraying device. F. H. Ellinger. 2,348,324; May 9.
Spraying device. F. Lowenthal. 2,338,650; Jan. 4.
Spraying device. W. H. Rose. 2,348,419; May 9.
Spraying device. E. W. Voss. 2,343,163; Feb. 29.
Spraying device. L. T. Ward. 2,351,376; June 13.
Spraying device. R. Wilson. 2,360,627; Oct. 17.
Spraying device, Liquid. W. H. Rose. 2,346,420; May 9.
Spraying device, Nonoffset. W. Wilson. 2,339,899; Jan. 25.
Spraying lamps, Method and apparatus for. M. E. McGowan. 2,358,651; Sept. 19.
Spraying machine. G. W. Daugherty. 2,358,318; Sept. 19.
Spraying machine. W. A. Smith. 2,342,307; Feb. 22.
Spraying sheep and other animals. W. H. Higgins. 2,347,739; May 2.
Spreader, Fertilizer. W. Griffiths. 2,360,125; Oct. 10.
Spreader, Flange. J. Saul, C. E. Olsen, and J. A. Peterson. 2,352,290; June 27.
Spreader for fertilizer, seeds, and the like. E. S. Gandrud. 2,350,107; May 30.
Spreader, Material. F. E. Arddt. 2,339,236; Jan. 18.
Spreader, Material. G. O. Hoffstetter. 2,340,510; Feb. 1.
Spreader, Tobacco. R. E. Rösler. 2,356,534; Aug. 22.
Spreader, Web. E. Warner. 2,348,162; May 2.
Spreading unit. W. Goertzen. 2,340,657; Feb. 1.
Spring: *See*—
Multileaved vehicle spring. Wooden spring.
Vehicle spring.
Spring. N. E. Hendrickson. 2,342,339; Feb. 22.
Spring. J. N. Weil. 2,365,160; Dec. 19.
Spring. F. L. Yerxley. 2,353,952; July 18.
Spring and spring structure, Wire. J. Kronheim. Re. 22,461; Mar. 28.
Spring assembly. E. Robey. 2,354,834; Aug. 1.
Spring assembly. M. J. Rymland and E. C. Lewis. 2,352,569; June 27.
Spring assembly for back cushions. W. A. Clark. 2,364,948; Dec. 12.
Spring balance. W. J. Lyons. 2,352,906; July 4.
Spring bumper and draft gear. R. A. Shields. 2,357,611; Sept. 5.
Spring cluster, Railroad car truck. K. R. Hammerstrom. 2,354,458; July 25.
Spring collet toolholder. A. E. Billger. 2,359,286; Oct. 3.
Spring construction. C. G. Joyce. 2,362,560; Nov. 14.
Spring construction. N. Wolofski. 2,364,499-500; Dec. 5.
Spring construction and assembling. W. E. Lay and L. C. Fisher. 2,359,318; Oct. 3.
Spring counterbalance for drafting machines. R. H. Cole and P. F. Glover. 2,362,050; Nov. 7.
Spring cushion construction. F. O. Church. 2,342,388; Feb. 22.

Spring fillers for furniture and the like, Forming. H. Büttner. 2,350,723; June 6.
Spring for beds and mattresses. B. Gladstone. 2,364,966; Dec. 12.
Spring for beds or mattresses. B. Gladstone. 2,348,897; May 16.
Spring formation. W. O. Bennett, Jr. 2,363,113; Nov. 21.
Spring group. F. E. Bachman. 2,356,742; Aug. 29.
Spring group. F. E. Bachman. 2,360,190; Oct. 10.
Spring group. D. M. Light. 2,357,244; Aug. 29.
Spring group. A. H. Oelkers. 2,360,262; Oct. 10.
Spring motor. G. Vigneri. 2,345,954; Apr. 4.
Spring nets for mattresses, seat-cushions and the like, Method and device for manufacturing. H. Huttner. 2,351,923; June 20.
Spring nut fastener. G. A. Tinnerman. 2,358,890; Sept. 26.
Spring processing device. W. O. Bennett, Jr., and E. W. Drescher. 2,356,912; Aug. 29.
Spring scale. M. H. Hansen. 2,340,958; Feb. 8.
Spring seat. M. P. Graham. 2,361,024; Oct. 24.
Spring structure. V. Asaro. 2,354,728; Aug. 1.
Spring structure. L. A. Young. 2,357,248; Aug. 29.
Spring support. A. J. Loepsinger. 2,363,538; Nov. 28.
Spring support for spring vehicles. R. W. Pointer. 2,352,446; June 27.
Spring suspension. G. W. Newton. 2,354,219; July 25.
Spring suspension, Torsion rod. A. F. Hickman. 2,362,483; Nov. 14.
Spring testing device. P. A. Sturtevant. 2,340,277; Jan. 25.
Spring unit. A. O. Williams. 2,356,962; Aug. 29.
Spring unit for spring cushions. M. Freund. Re. 22,495; June 13.
Spring wheel. P. R. Kapp. 2,341,721; Feb. 15.
Spring wheel. E. Stift. 2,364,173; Dec. 5.
Springs, Cutting and looping. C. G. Hicks. 2,365,876; Dec. 26.
Springs, Device for testing and adjusting. A. E. Summers. 2,338,826; Jan. 11.
Springs, Shot-blasting coil. W. H. Wallace. 2,341,674; Feb. 15.
Sprinkler. W. A. Buckner. 2,345,030; Mar. 28.
Sprinkler heads, Fusible link construction for. A. C. Rowley. 2,348,152; May 2.
Sprinkler, Lawn. J. D. Cox. 2,360,203; Oct. 10.
Sprinkler pipe. R. A. Folsom. 2,339,632; Jan. 18.
Sprinkler system, Automatic deluge. H. N. Rider. 2,365,906; Dec. 26.
Sprocket device, Strip feed. A. S. Howell. 2,362,204; Nov. 7.
Sprocket, Strip feed. L. A. McNabb. 2,347,786; May 2.
Spur center head and using the same. W. L. Schwartz. 2,346,192; Apr. 11.
Squeeze riveter. F. A. Kaman. 2,351,049; June 13.
Stability with quickly restored protected series capacitors. R. D. Evans, R. E. Marbury, and A. C. Monteith. 2,345,590; Apr. 4.
Stabilization. C. R. Milone. 2,358,130; Sept. 12.
Stabilization of cellulose esters. C. J. Malm, and C. L. Crane. 2,346,498; Apr. 11.
Stabilization of cellulosic fabrics with oxymethyl quaternary salts. L. H. Bock and A. L. Houk. 2,351,581; June 20.
Stabilization of halobutenes. R. C. Morris and E. C. Shokal. 2,364,587-8; Dec. 5.
Stabilization of peracid solutions. J. S. Reichert, S. A. McNeight, and A. A. Elston. 2,347,434; Apr. 25.
Stabilized diazo dicyandiamide compounds. P. P. McClellan and W. P. Fricks. 2,349,557; May 23.
Stabilized diazo guanidine compound. P. P. McClellan and W. P. Fricks. 2,339,934; Jan. 25.
Stabilized edible substances, Preparation of. K. C. D. Hickman. 2,349,277; May 23.
Stabilized ice color composition containing biguanide. P. P. McClellan and W. P. Fricks. 2,339,935; Jan. 25.
Stabilized motor fuel. E. E. Gilbert. 2,348,290; May 9.
Stabilized polydiazo-phthalocyanines. N. H. Haddock. 2,349,090-1; May 16.
Stabilized vinyl resin coating. G. M. Powell and W. H. McKnight. 2,343,997; Mar. 14.
Stabilizer. E. Bagnall. 2,340,858; Feb. 8.
Stabilizer. E. Bagnall. 2,357,299; Sept. 5.
Stabilizer. E. Bagnall and K. E. Lyman. 2,340,857; Feb. 8.
Stabilizer. N. A. James. 2,341,380; Feb. 8.
Stabilizer. K. E. Lyman. 2,353,574; July 11.
Stabilizer for guns. S. G. Greene. 2,351,037; June 13.
Stabilizer strut and shock absorber, Combination. R. H. Whisler, Jr., C. E. Read, J. M. Nickelsen, and A. Boor. 2,360,748; Oct. 17.
Stabilizer, Trailer hitch. R. Fink. 2,360,335; Oct. 17.
Stabilizing device for aircraft. R. Tampier. 2,346,464; Apr. 11.
Stabilizing mechanism for railway tracks. K. Edahl. 2,340,869; Feb. 8.
Stabilizing mixed fatty acid esters of cellulose of the triester type. W. B. Hincke and J. Waterman. 2,343,669; Mar. 7.
Stabilizing system for ships. C. von den Steinen. 2,338,147; Jan. 4.
Stable aqueous wax emulsions, Producing. A. Müller. 2,350,800; June 6.
Stack head and support therefor. F. P. Palmer. 2,342,965; Feb. 29.
Stack sections, Prefabricated. C. E. Morris. 2,342,058; Feb. 15.
Stacker, Hay. G. Scheihing. 2,342,015; Feb. 15.
Stacker operating mechanism for tractors. P. H. O. Weber. 2,344,795; Mar. 21.
Stacking and compacting folded plies of paper web, Method of and machine for. L. T. Hand. 2,359,417; Oct. 3.
Stacking apparatus. G. S. Sillars. 2,345,012; Mar. 28.
Stacking apparatus. A. M. Wickwire, Jr., and A. P. Bamford. 2,345,645; Apr. 4.
Stacking machine. G. C. Monaco. 2,358,413; Sept. 19.
Stacking mechanism, Sheet. C. D. Lake and F. E. Hamilton. 2,348,073; May 2.
Stage, Transportable. W. Podolin. 2,344,726; Mar. 21.
Stain and filler and making, Combined. R. F. Walker, H. W. Gutschmidt, Jr., and W. A. Shope. 2,338,149; Jan. 4.
Stain prevention in color photography. A. Weissberger and P. W. Vittum. 2,356,486; Aug. 22.
Stainless steel anodic polishing. G. J. Beckwith. 2,348,517; May 9.
Stainless steel sheet or strip stock, Producing. G. Gage and D. Hughes. 2,340,461; Feb. 1.
Stair rail bracket hanger. C. H. Cousins. 2,340,367; Feb. 1.
Stalk cutter. J. E. Lyle. 2,346,317; Apr. 11.
Stalk cutter. P. H. Lynch, Jr., and G. P. McKay. 2,358,583; Sept. 19.
Stalk puller. G. P. Lucius. 2,360,955; Oct. 24.
Stalk topping and deleafing machine. E. B. Elliott. 2,343,963; Mar. 14.
Stall, Starting. J. W. MacClntchie. 2,344,713; Mar. 21.
Stall warning device. J. Holthe. 2,356,847; Aug. 29.
Stall warning device for airplanes. C. Murray-Waller. 2,349,982; May 30.
Stamp envelope. W. G. Locke. 2,341,634; Feb. 15.
Stamp feeding and gluing mechanism. C. J. Malhiot. 2,352,554; June 27.
Stamp for decorating nonplanar surfaces. H. C. Hebenstreit. 2,350,033; May 30.
Stamp for printing machines, Numbering. B. Burnham. 2,341,361; Feb. 8.
Stamp, Self-inking. R. Doerrler. 2,347,996; May 2.
Stamped metal outside handle. G. D. Cloutier. 2,339,980; Jan. 25.
Stamping apparatus. R. E. Hansen. 2,342,858; Feb. 29.
Stamping machine. R. L. Greenleaf. 2,338,241; Jan. 4.
Stamping machine and the like. L. Nachemov. 2,351,281; June 13.
Stand: *See*—
Beauty parlor stand.
Cycle saddle spring.
Display and dispensing stand.
Display stand.
Equipment stand.
Foldable music stand.
Implement stand.
Merchandise display stand.
Orthographic projection stand.
Portable picture screen stand.
Projection screen stand.
Reading stand.
Roll stand.
Supporting stand.
Topping stand.
Stand for aircraft, Portable hydraulic test. E. M. Greer. 2,364,709; Dec. 12.
Stand for baby carriages, Safety. W. C. Troendle. 2,353,326; July 11.
Stand for cooking vessels. M. Hendel. 2,350,757; June 6.
Stand for draftsmen or the like, Adjustable. G. E. Froelich. 2,356,924; Aug. 29.
Stand for dress forms and the like. D. H. Chason. 2,341,424; Feb. 8.
Stand for motion picture screens. J. H. Owens. 2,361,119; Oct. 24.
Standard. R. B. Lindsey and G. Frock. 2,361,781; Oct. 31.
Stannic chloride, Recovering. A. Pechukas. 2,346,604; Apr. 11.
Staple. W. Drypolcher. 2,357,637; Sept. 5.
Staple. H. S. Heller. 2,351,045; June 13.
Staple and making the same. T. T. Greenwood. 2,351,608; June 20.
Staple driving tool. J. C. Lang. 2,361,483; Oct. 31.
Staple extractor. R. Peterson. 2,351,703; June 20.
Staple feed mechanism for fastener applying machines. F. Polzer. 2,342,818; Feb. 29.
Staple fiber cutter. C. A. Castellan. 2,339,765-6; Jan. 25.
Staple fiber, Manufacturing. L. S. Fryer. 2,341,842; Feb. 15.
Staple magazine and feed means for stapling machines. H. Ruskin. 2,343,932; Mar. 14.
Staple package. W. H. Bixby. 2,354,083; July 18.
Staple remover. C. E. Nyberg. 2,343,921; Mar. 14.
Staple remover. F. Polzer. 2,356,693; Aug. 22.
Staple strip package. H. M. Kilpatrick. 2,342,671; Feb. 29.
Stapler. H. Keil. 2,345,267; Mar. 28.
Stapling device. W. D. Faltz. 2,352,475; June 27.
Stapling device. D. R. La Place. 2,355,807; Aug. 15.
Stapling device. F. T. Masters. 2,358,463; Sept. 19.

Stapling device. M. Vogel. 2,352,997; July 4.
Stapling implement. G. H. Harred. 2,357,737; Sept. 5.
Stapling machine. S. A. Crosby. 2,358,317; Sept. 19.
Stapling machine. J. A. Forgey. 2,360,484; Oct. 17.
Stapling machine. H. S. Heller. 2,351,042–4; June 13.
Stapling machine. J. Kunert. 2,347,568; Apr. 25.
Stapling machine. F. Muske. 2,365,429; Dec. 19.
Stapling machine. W. G. Pankonin. 2,343,203; Feb. 29.
Stapling machine. M. Vogel. 2,340,717; Feb. 1.
Stapling mechanism for rotary printing machines. A. M. Zuckerman. 2,364,504; Dec. 5.
Starch, Acetylating. W. N. Lindsay. 2,362,282; Nov. 7.
Starch and paper containing it, Water-resistant. R. K. Iler. 2,359,858; Oct. 10.
Starch and protein mixture. Partially gelatinized. B. F. Buchanan and R. L. Lloyd. 2,345,322; Mar. 28.
Starch bearing food, Dried. Z. Volpertas. 2,352,670; July 4.
Starch, Bleaching. O. H. Eble and M. J. Mason. 2,343,048; Feb. 29.
Starch composition. J. F. Walsh and F. C. Miller. 2,350,653; June 6.
Starch, Continuous conversion of. A. C. Horesi. 2,359,763; Oct. 10.
Starch esterification. G. V. Caesar. 2,365,173; Dec. 19.
Starch, Making soluble. W. A. Nivling. 2,355,463; Aug. 8.
Starch modification. J. K. H. Seiberlich. 2,347,849; May 2.
Starch product and making, Waxy. H. H. Schopmeyer and G. E. Felton. 2,354,838; Aug. 1.
Starch products, Preparing. M. D. Rozenbrook. 2,338,457; Jan. 4.
Starches, Producing. W. R. Richee. 2,361,498; Oct. 31.
Startling scaring device. J. C. Pfeiffer. 2,350,187; May 30.
Start-and-stop mechanism for sewing machines. A. R. Wood. 2,338,611; Jan. 4.
Starter. R. M. Heintz. 2,349,867; May 30.
Starter circuit for motor vehicles. L. S. Snyder. 2,344,568; Mar. 21.
Starter device for internal-combustion engines. A. Callsen and A. Weiss. 2,356,503; Aug. 22.
Starter drive. W. O. Rose. 2,341,516; Feb. 15.
Starter, Engine. H. A. Thornburg. 2,354,844; Aug. 1.
Starter, Fluorescent lamp. C. H. Hodgkins. 2,355,438; Aug. 8.
Starter, Fluorescent lamp. R. M. Smith and J. R. Steegstra. 2,355,476; Aug. 8.
Starter, Motor. P. M. Christensen and R. P. Ballou. 2,347,934; May 2.
Starter-throttle interconnection. G. Burrell. 2,347,251; Apr. 25.
Starting and controlling discharge devices, Apparatus for. W. J. Karash. 2,358,810; Sept. 26.
Starting and operating circuit for gaseous electric discharge devices. M. A. Babb. 2,341,520; Feb. 15.
Starting control for electric discharge devices. T. W. Frech. 2,353,660; July 18.
Starting device. W. L. Kissel. 2,348,547; May 9.
Starting device for internal combustion engines. A. Callsen. 2,338,403; Jan. 4.
Starting device for internal combustion engines. J. R. Gelot. 2,338,929; Jan. 11.
Starting device for internal combustion engines. H. Klein. 2,344,152; Mar. 14.
Starting device for internal combustion motors. F. Ljungström. 2,341,633; Feb. 15.
Starting gate. D. M. Mackenzie. 2,354,821; Aug. 1.
Starting gate, Fluid control. J. P. Whann. 2,365,314; Dec. 19.
Starting mechanism for fluorescent lamps. A. G. Mueller. 2,345,414; Mar. 28.
Starting mechanism for internal combustion engines. M. L. Lockhart. 2,343,195; Feb. 29.
Static suppressor. P. C. Sandretto. 2,352,411; June 27.
Station keeping apparatus for warships. L. Mountbatten. 2,360,361; Oct. 17.
Stationary induction apparatus. M. O. Troy. 2,366,071; Dec. 26.
Stationery. A. W. Metzner. 2,365,716; Dec. 26.
Stationery, Continuous-form. G. L. Barker. 2,352,757; July 4.
Stationery, Manifolding. H. J. Waechter. 2,362,329–30; Nov. 7.
Statistical card system. R. A. Niclas. 2,342,361; Feb. 22.
Statistical record. J. W. Armbruster. 2,357,444; Sept. 5.
Stator insulating machine. F. E. Wirtz. 2,340,291; Feb. 1.
Steam blancher, Continuous type. E. H. Guthier. 2,355,798; Aug. 15.
Steam boiler. G. J. Kimbel. 2,343,907; Mar. 14.
Steam, Condensing spent. L. Heller. 2,356,404; Aug. 22.
Steam distribution, Valveless. V. E. Hastings. 2,365,756; Dec. 26.
Steam engine. L. J. Duffy. 2,342,256; Feb. 22.
Steam engine valve mechanism. T. D. Crawford, R. L. Woodall, and A. G. Osterberg. 2,344,802; Mar. 21.
Steam generating and superheating installation. L. C. Southcott. 2,340,086; Jan. 25.
Steam generating system. J. S. Wallis and J. W. Throckmorton. 2,362,108; Nov. 7.
Steam generator. J. Blizard. 2,358,785; Sept. 26.
Steam generator. H. W. Miller. 2,355,886; Aug. 15.
Steam generator. G. A. Rehm. 2,354,059; July 18.
Steam generator. A. F. Renz. 2,359,155; Sept. 26.
Steam generator furnace. J. P. Badenhausen. 2,364,044; Dec. 5.
Steam-heating plant. H. Appel. 2,356,372; Aug. 22.
Steam heating system. B. J. Ingram. 2,344,874; Mar. 21.
Steam injector. W. H. Tinker. 2,349,123; May 16.
Steam iron. R. H. Edwards. 2,342,653; Feb. 29.
Steam iron. R. N. Envall. 2,350,452; June 6.
Steam iron. E. O. Morton. 2,345,413; Mar. 28.
Steam iron. E. O. Morton. 2,353,426; July 11.
Steam iron. E. P. Schreyer. 2,338,739; Jan. 11.
Steam iron. K. L. Woodman. 2,342,716; Feb. 29.
Steam iron. K. L. Woodman. 2,353,425; July 11.
Steam joint. R. Carpenter. 2,350,492; June 6.
Steam plant. K. F. Olin. 2,341,738; Feb. 15.
Steam power plant. J. M. Bolar. 2,343,105; Feb. 29.
Steam pressing iron. F. E. Wolcott. 2,347,588; Apr. 25.
Steam, Production of. E. W. Butzler. 2,358,380; Sept. 19.
Steam separator. P. B. Place. 2,357,423; Sept. 5.
Steam superheating installation. J. E. Wood. 2,339,444; Jan. 18.
Steel. S. Epstein. 2,356,450; Aug. 22.
Steel. H. Scott. 2,354,147; July 18.
Steel alloy. G. V. Luerssen and C. B. Post. 2,355,224; Aug. 8.
Steel alloy. G. V. Luerssen and W. A. Schlegel. 2,343,069; Feb. 29.
Steel, Anodically polishing. C. F. Faust. 2,347,040; Apr. 18.
Steel building. W. F. Drew. 2,360,831; Oct. 24.
Steel, Casting copper chromium. W. P. Digby. 2,339,842; Jan. 25.
Steel, Deep hardening silicon titanium. W. Crafts. 2,343,956; Mar. 14.
Steel, Electropolishing. C. L. Faust. 2,338,321; Jan. 4.
Steel, Etching. C. P. Dyer. 2,353,019; July 4.
Steel for copper, Analyzing. W. D. Brown. 2,360,644; Oct. 17.
Steel frame thresher screen. W. A. Holtsman. 2,347,480; Apr. 25.
Steel guide, Drill. C. F. Osgood. 2,365,685–6; Dec. 26.
Steel, Heat treating. F. A. Endress. 2,364,893; Dec. 12.
Steel, Heat treatment of. W. J. Crook. 2,343,888; Mar. 14.
Steel house construction. H. G. Kellogg. 2,351,820; June 20.
Steelmaking. J. E. Greenawalt. 2,363,666; Nov. 28.
Steel, Manufacture of nonaging. M. Gensamer. 2,360,868; Oct. 24.
Steel of uniformly low core loss, Production of silicon. V. W. Carpenter, J. M. Jackson, and J. E. Lucas. 2,358,788; Sept. 26.
Steel plate clamp. R. G. Boree and J. A. Townsend. 2,341,421; Feb. 8.
Steel plate lifting tongs. J. C. Renfroe. 2,360,365–6; Oct. 17.
Steel power transfer housings, Forming. A. R. Perkins. 2,348,145; May 2.
Steel process, Stainless. J. N. Lynn. 2,363,736; Nov. 28.
Steel, Production of. M. J. Udy. 2,345,222; Mar. 28.
Steel structural members, Producing cold rolled. R. Franks. 2,358,799; Sept. 26.
Steel, Treating high-speed. H. Solakian and E. N. Case. 2,349,767; May 23.
Steel wool. L. H. Winkler. 2,361,672; Oct. 31.
Steels and making the same, Deep drawing. W. Crafts and C. G. Chadwick. 2,357,876; Sept. 12.
Steels, Graphitic. F. R. Bonte. 2,362,046; Nov. 7.
Steerable tail wheel. H. D. Corwin. 2,338,572; Jan. 4.
Steering and propulsion mechanism, Remote control. L. Morey. 2,364,233; Dec. 5.
Steering arrangement for motor road vehicles. E. T. J. Tapp. 2,339,205; Jan. 11.
Steering, Automatic. B. Chance. 2,340,175; Jan. 25.
Steering column arrangement for airplanes. J. Haseloff and E. Wessel. 2,345,120; Mar. 28.
Steering device, Automatic. W. Möller and A. Kronenberger. 2,341,644; Feb. 15.
Steering drive axle. E. B. Sturges. 2,349,388; May 23.
Steering for track chain and other vehicles having more than two axles. B. Mette. 2,356,528; Aug. 22.
Steering gear. W. S. Berry. 2,344,848; Mar. 21.
Steering means for vehicles. J. S. Edwards. 2,359,978; Oct. 10.
Steering means for watercraft. M. Katcher and S. W. Walker. 2,363,335; Nov. 21.
Steering mechanism, Automatic. C. L. Paulus and R. K. Stout. 2,339,291; Jan. 18.
Steering mechanism for trailers. C. Runyan. 2,342,697; Feb. 29.
Steering mechanism for two-wheeled tractors or the like. H. C. French. 2,361,935; Nov. 7.
Steering mechanism for two-wheeled tractors or the like. H. C. French. 2,362,262; Nov. 7.
Steering mechanism, Power. J. G. Ingres. 2,341,502; Feb. 8.
Steering mechanism, Power. G. T. Smith. 2,356,492; Aug. 22.
Steering mechanism, Toy wagon. M. S. Anderson. 2,360,188; Oct. 10.

Steering mechanism, Vehicle. M. J. Redling. 2,353,501; July 11.
Steering of motor vehicles or any other kind of vehicles. P. B. Mercé. 2,366,122; Dec. 26.
Steering post and ignition lock, Combined. E. N. Jacobi. 2,343,976; Mar. 14.
Steering stabilizer, Hydraulic. J. W. White. 2,345,164; Mar. 28.
Steering system, Automatic. B. Chance. 2,340,174; Jan. 25.
Steering system, Radio controlled. J. Dugan. 2,364,624; Dec. 12.
Steering wheel. A. J. Higgins. 2,339,013; Jan. 11.
Steering wheel cigarette case. H. P. Blay and F. G. Thannhauser. 2,353,806; July 18.
Steering wheel or the like and making the same, Tubular. A. Rickard. 2,351,289; June 13.
Steering wheel truck for tractors. J. E. Cunningham. 2,350,593; June 6.
Stemming wad for blastholes. B. A. Olsen. 2,341,944; Feb. 15.
Stems, Making molded. C. A. Horn. 2,340,879; Feb. 8.
Stencil and making the same, Sandblast. H. R. Helgeson. 2,358,710; Sept. 19.
Stencil and stencil backing. W. H. Nichols. 2,351,696; June 20.
Stencil inking machine. A. W. Mills and F. J. Furman. 2,357,486; Sept. 5.
Stencil moistening machine. A. W. Mills and F. J. Furman. 2,338,195; Jan. 4.
Stencil printing mechanism. W. Thorne. 2,355,930; Aug. 15.
Stencil screen and making same. J. B. Brennan and L. Marah. 2,338,091; Jan. 4.
Stencil washing apparatus. R. V. McKinley. 2,356,771; Aug. 29.
Stenciling attachment for typewriters. E. E. Leroux. 2,364,729; Dec. 12.
Stenciling, Method and apparatus for. J. Miglarese. 2,344,257; Mar. 14.
Stencils, Producing. E. O. Norris. 2,340,485; Feb. 1.
Stenotype copyholder. H. G. Sullivan. 2,344,655; Mar. 21.
Step-by-step operating mechanism. J. E. Jones. 2,341,182; Feb. 8.
Step construction for embroidery machines. A. Majorie. 2,345,680; Apr. 4.
Stepladder. I. S. Barkey. 2,364,048; Dec. 5.
Stepladder. R. Rigby. 2,347,065; Apr. 18.
Step-voltage regulator. J. Koslow. 2,338,519; Jan. 4.
Stereocinematography. C. F. J. Overhage. 2,338,298; Jan. 4.
Stereo-disparator. S. Renshaw. 2,362,857; Nov. 14.
Stereo indicator. T. M. Ferrill, Jr. 2,361,390; Oct. 31.
Stereoscopic apparatus. L. L. Wood. 2,359,703; Oct. 3.
Stereoscopic device. G. F. Hausherr. 2,365,547; Dec. 19.
Stereoscopic motion picture device. R. Oriol. 2,365,212; Dec. 19.
Stereoscopic plotting instrument. C. O. Cook. 2,363,643; Nov. 28.
Stereoscopic viewer. E. W. Sparling. 2,349,013; May 16.
Sterilization. R. E. Moule. 2,355,887; Aug. 15.
Sterilization and treatment of food using low concentrations of ozone. R. Nagy and H. C. Rentschler. 2,339,507; Jan. 18.
Sterilization of organic substances. H. M. Christensen. 2,356,505; Aug. 22.
Sterilizer. E. E. Allstatter. 2,345,721; Apr. 4.
Sterilizer. V. Giuliana. 2,356,239; Aug. 22.
Sterilizer. W. E. Law. 2,354,817; Aug. 1.
Sterilizer and cooker, Pressure. M. G. de Simone. 2,355,150; Aug. 8.
Sterilizer and sedimentizer. H. F. Peavey. 2,358,414; Sept. 19.
Sterilizer container. H. G. Skaller. 2,340,024; Jan. 25.
Sterilizer, Dressings. G. H. Myrick. 2,364,910; Dec. 12.
Sterilizer for hypodermic needles. A. W. Stahl. 2,357,292; Sept. 5.
Sterilizer, Hospital. E. E. Turner. 2,342,067; Feb. 15.
Sterilizer, Surgical pad. F. M. Miner, Jr. 2,356,684; Aug. 22.
Sterilizing apparatus. J. T. McCrosson. 2,348,486; May 9.
Sterilizing articles. S. D. Goldberg and J. R. Reasenberg. 2,358,570; Sept. 19.
Sterilizing means for infant-feeding bottles. W. V. Consolazio. 2,347,150; Apr. 18.
Steroid compounds and more especially to the production of estrone- and estradiol-like compounds and of their derivatives from Δ1,2 ;4,5-androstadienol-17-one-3. Aromatization of. H. H. Inhoffen. 2,361,847; Oct. 31.
Steroid compounds and producing the same. H. H. Inhoffen, A. Butenandt, and E. Schwenk. 2,340,388; Feb. 1.
Steroid derivatives and preparing same, Halogenated. R. E. Marker. 2,352,849; July 4.
Sterol compound and obtaining the same. R. E. Marker. 2,345,711; Apr. 4.
Sterol-containing substrates, Treatment of. L. Yoder. 2,362,605; Nov. 14.
Sterol derivatives. Stable. H. R. Rosenberg and H. F. Carroll. 2,362,932; Nov. 14.
Sterols, Extraction of. R. F. Light, H. Kothe, and C. N. Frey. 2,355,661; Aug. 15.
Stethoscope, Acouatic. H. F. Olson. 2,363,686; Nov. 28.
Stick, Confection. S. Decker. 2,363,503; Nov. 28.
Stick, Diamond abrasive. A. Ehrlich. 2,347,597; Apr. 25.
Stick for cathode plates. M. Tetrault. 2,343,161; Feb. 29.
Stick receptacle. R. M. Morey. 2,354,136; July 18.
Stiffness testing device. H. M. Kieckhefer. 2,338,338; Jan. 4.
Stilbene derivatives. H. J. Barber. 2,346,000; Apr. 4.
Still. C. F. Dinley. 2,343,646; Mar. 7.
Still bottoms, Purification of styrene. F. W. Corkery and S. G. Burroughs. 2,353,223; July 11.
Still, Centrifugal. K. C. D. Hickman. 2,343,667; Mar. 7.
Still, High vacuum. K. C. D. Hickman. 2,343,668; Mar. 7.
Still of the thermogenerator type. J. H. and M. Martin. 2,339,868; Jan. 25.
Stilt. M. Pearson. 2,351,145; June 13.
Stimulants suitable for combating symptoms of fatigue and their production. F. Haffner and F. Sommer. 2,356,582; Aug. 22.
Stippled sheet metal, Producing. A. L. Langel. 2,361,039; Oct. 24.
Stitcher, Power. J. C. Heintz. 2,341,988; Feb. 15.
Stitching machine. J. W. Bedard. 2,347,761; May 2.
Stitching machine, Under and over. V. Naftali. 2,357,347; Sept. 5.
Stock feed for paper making machines. E. E. Berry and L. Hornbostel. 2,344,281; Mar. 14.
Stock feeding mechanism. J. H. Mansfield. 2,345,207; Mar. 28.
Stock-feeding mechanism for swaging machines. J. B. Tiedemann and B. G. Winstrom. 2,353,526; July 11.
Stock feeder. M. H. Wagner. 2,363,212; Nov. 21.
Stock for firearms, Collapsible. J. L. Lochhead. 2,360,881; Oct. 24.
Stock inlet for paper making machines. E. E. Berry and L. Hornbostel. 2,344,282; Mar. 14.
Stock pusher. J. M. Ingalls. 2,355,866; Aug. 15.
Stock pusher. R. E. Pixler. 2,364,813; Dec. 12.
Stock watering device. J. F. Byers. 2,358,303; Sept. 19.
Stock watering device. K. Laughead and M. H. Keating. 2,345,400; Mar. 28.
Stocking. H. Dietrich. 2,344,030; Mar. 14.
Stocking. J. Largman. 2,349,357; May 23.
Stocking. T. Weisz. 2,365,161; Dec. 19.
Stocking and producing same, Full fashioned. J. A. Goodman. 2,340,266; Jan. 25.
Stocking, Elastic top. F. E. Morris and H. Wagner. 2,349,746; May 23.
Stocking protector. N. Ryan. 2,344,415; Mar. 14.
Stocking seams, Producing simulated. B. I. Blickman. 2,353,291; July 11.
Stocking, Sheer full-fashioned. G. F. Lang. 2,364,636; Dec. 12.
Stocking suspending device. G. E. Dunn and H. Richter. 2,340,520; Feb. 1.
Stocking top. I. H. C. Green and E. St. Pierre. 2,347,775; May 2.
Stocking top and knitting. I. H. C. Green and E. St. Pierre. 2,345,666; Apr. 4.
Stocking tops, Making. E. St. Pierre and D. H. Fregeolle. 2,354,557; July 25.
Stoker. C. R. Barr. 2,359,888; Oct. 10.
Stoker. J. S. Bennett. 2,338,311; Jan. 4.
Stoker. J. S. Bennett. 2,361,736; Oct. 31.
Stoker. G. A. Ferrell. 2,339,776; Jan. 25.
Stoker. W. M. Fulton. 2,361,836; Oct. 31.
Stoker. J. Gehl. 2,362,127; Nov. 7.
Stoker. W. T. Hanna. 2,351,959; June 20.
Stoker. F. J. Palmer. 2,349,194; May 16.
Stoker. P. P. Peters. 2,348,494; May 9.
Stoker. W. M. Schweickart and F. G. Julyan. 2,359,445; Oct. 3.
Stoker. C. H. Snyder. 2,361,883; Oct. 31.
Stoker. H. V. Sturtevant. 2,348,762; May 16.
Stoker. C. C. Wright. 2,362,604; Nov. 14.
Stoker apparatus. R. A. Foresman. 2,347,819; May 2.
Stoker apparatus. R. A. Foresman. 2,352,092; June 20.
Stoker apparatus. D. J. Mosshart. 2,347,574; Apr. 25.
Stoker apparatus. D. J. Mosshart. 2,358,993; Sept. 26.
Stoker, Automatic. J. T. Norman. 2,355,101; Aug. 8.
Stoker control. W. W. Hallman. 2,354,517; July 25.
Stoker control. G. I. Holmes. 2,343,670; Mar. 7.
Stoker control and circuit. G. H. Erb. 2,363,720; Nov. 28.
Stoker damper control. C. Hotchkiss. 2,360,347; Oct. 17.
Stoker feed mechanism. C. R. Barr. 2,359,742; Oct. 10.
Stoker for furnaces. G. A. Kohout. 2,357,899; Sept. 12.
Stoker operating mechanism. A. L. Brice. 2,363,389; Nov. 21.
Stoker timer. E. C. Walsh. 2,359,596; Oct. 3.
Stoker, Underfed. J. A. Casey. 2,365,679; Dec. 26.
Stoker, Water-cooled. J. S. Bennett. 2,361,737; Oct. 31.
Stone picking machine. O. F. Reiter. 2,362,402; Nov. 7.
Stone, Precious. E. Goldstein. 2,340,659; Feb. 1.
Stool. J. D. Buckstaff. 2,364,516; Dec. 5.
Stool. J. A. Campbell. 2,364,191; Dec. 5.
Stool. L. E. Custer. 2,358,059; Sept. 12.
Stool, Adjustable. C. Romeo. 2,338,783; Jan. 11.

Stool and carrier, Combination. R. E. Moreland. 2,359,870; Oct. 10.
Stool carriage, Adjustable. R. B. Hewitt. 2,357,046; Aug. 29.
Stool or the like, Collapsible. F. P. Sachs. 2,361,875; Oct. 31.
Stop device for lathes. J. O. Pedersen. 2,364,241; Dec. 5.
Stop device for threading, rolling and other machines. L. C. Steinle. 2,346,516; Apr. 11.
Stop for belt conveyers, Automatic. A. Nagy, Jr. 2,345,415; Mar. 28.
Stop for lathes. H. H. Freeman. 2,349,159; May 16.
Stop for separable fasteners, Bottom. D. Marinsky. 2,347,426; Apr. 25.
Stop Lathe spindle. S. R. Carlson. 2,361,085; Oct. 24.
Stop means for looms. F. H. Tetreau. 2,353,324; July 11.
Stop means for textile machines. C. B. Hayes. 2,345,599; Apr. 4.
Stop means for textile machines. L. W. Griffis. 2,362,956; Nov. 14.
Stop mechanism. H. A. Simmonds and E. M. McIlvaine. 2,347,221; Apr. 25.
Stop mechanism for can conveyers. H. D. Ayars. 2,362,792; Nov. 14.
Stop mechanism for looms, Warp. J. H. Burgess and G. W. Fender. 2,353,644; July 18.
Stop mechanism, Repeating. C. P. Griffith. 2,340,743; Feb. 1.
Stop mechanism, Winding machine. H. J. McDermott. 2,351,430; Oct. 31.
Stop motion attachment for looms. J. F. Koskela. 2,348,824; May 16.
Stop motion for double cylinder jacquard looms. K. V. McCaleb. 2,361,145; Oct. 24.
Stop motion for knitting machines and the like. A. C. Thomas. 2,346,240; Apr. 11.
Stop motion for looms, Filling. J. P. Blouin. 2,365,044; Dec. 12.
Stop motion for stranding machines. A. E. Winslow. 2,351,905; Oct. 31.
Stop motion for textile apparatus. W. J. Scott. 2,364,824; Dec. 12.
Stop motion head for knitting machines. E. Vossen and N. J. Tellerman. 2,357,714; Sept. 5.
Stop motion, Terry warp. C. E. Whittaker and G. G. Slough. 2,355,129; Aug. 8.
Stop roll. S. L. Casella. 2,361,453; Oct. 31.
Stop watch mechanism. J. H. Furbach. 2,355,371; Aug. 8.
Stopper, Blast furnace cinder notch. H. F. Dobscha. Re. 22,479; May 16.
Stopper, Bottle. G. White. 2,355,492; Aug. 8.
Stopper, Dispensing and sealing. H. N. Perelson. 2,342,215; Feb. 22.
Stopper for nonrefillable receptacles. R. Petrone. 2,341,227; June 13.
Stopper remover. J. H. Miller. 2,342,156; Feb. 22.
Stopping mechanism for bottle washing machinery, Automatic. C. Gerlach. 2,340,465; Feb. 1.
Storage and dispensing fluid pressure mediums, System for. H. C. Grant, Jr. 2,341,538; Feb. 15.
Storage batteries, Manufacture of. R. A. Daily and W. C. Pritchard. 2,345,035; Mar. 28.
Storage battery and grid therefor. C. H. Endress and L. E. Pucher. 2,361,533; Oct. 31.
Storage battery cover. L. A. Doughty. 2,349,031; May 16.
Storage battery terminal. L. R. Beckman. 2,347,168; Apr. 25.
Storage cabinet. T. M. Edison. 2,339,627; Jan. 18.
Storage device. W. E. Saxe. 2,347,437; Apr. 25.
Storage of goods. G. Duttweiler. 2,350,883; June 6.
Storage organs, Treatment of. A. E. Hitchcock and P. W. Zimmerman. 2,341,868; Feb. 15.
Storage receptacle. A. Harris. 2,352,319; June 27.
Storage tank. H. R. Powell. 2,359,937; Oct. 10.
Storage tank, especially tank trailer. R. J. Theriault. 2,356,190; Sept. 12.
Storage tank or container and like shell structure. O. Bondy and A. G. Grant. 2,355,947; Aug. 15.
Storage tanks, Constructing metal liquid. W. G. Laird. 2,355,674; Aug. 15.
Store equipment. W. S. Forbes. 2,341,434; Feb. 8.
Store shelving display facing. A. N. Hornung. 2,352,100; June 20.
Storing and handling case for phonograph records. D. A. Kelly. 2,344,919; Mar. 21.
Storing liquefied gas mixtures, Method of and apparatus for. L. I. Dana and G. H. Zenner. 2,344,765; Mar. 21.
Storing oils. H. S. Cole, Jr., and E. R. Filley. 2,361,012; Oct. 24.
Storm sash and window screen structure. S. C. Kirkpatrick. 2,357,119; Aug. 29.
Storm sash for double hung windows. P. A. Muehlman. 2,343,200; Feb. 29.
Storm window. A. B. Glenn and C. J. Martell. 2,361,762; Oct. 31.
Storm window. D. L. Steele. 2,347,137; Apr. 18.
Storm window fastener. J. L. Quinn. 2,361,056; Oct. 24.
Stove. B. B. Kahn. 2,365,881; Dec. 26.
Stove. J. L. Raulston. 2,352,567; June 27.
Stove. B. Robinson. 2,354,221; July 25.
Stove. B. J. Saviskas. 2,348,366; May 9.
Stove. L. E. Seeley. 2,348,933; May 16.
Stove, Cooking. E. L. Baker. 2,364,336; Dec. 5.
Stove, Cooking. R. M. Sherman. 2,348,934; May 16.
Stove for burning solidified hydrocarbon fuel. A. O. Herron. 2,356,788; Aug. 29.
Stove, Liquid fuel. R. W. DeLancey. 2,344,291; Mar. 14.
Stove, Oil burning heating. W. J. Magg. 2,352,335; June 27.
Stove or heater. L. A. Althoff. 2,361,917; Nov. 7.
Stove or heater, Coal-gas. N. H. Cargile. 2,350,546; June 6.
Stove, Self-feeding. H. B. Crowell. 2,345,329; Mar. 28.
Stoves and furnaces, Safety by-pass for. P. Wingert. 2,352,067; June 20.
Stoves, Folding charcoal camp. C. C. Stark. 2,357,699; Sept. 5.
Straddle-type log handling cart. T. A. Dowd. 2,361,181; Oct. 24.
Straight-bar knitting machine. H. W. and E. Start. 2,343,485; Mar. 7.
Straight hole device. E. E. Moore. 2,341,228; Feb. 8.
Straight line capping machine. H. E. Gantzer. 2,364,523; Dec. 5.
Straightening apparatus, Automobile. G. M. Graham. 2,340,587; Feb. 1.
Straightening machine. W. H. Mursch. 2,353,845; July 18.
Straightening machine for metal bars. L. Loewy and F. S. Salter. 2,352,442; June 27.
Straightening machine for sheet metal plates. F. Ungerer. 2,352,040; June 20.
Strain gauge. N. L. Haight. 2,352,953; July 4.
Strain gauge. W. L. Howland. 2,363,181; Nov. 21.
Strain gauge. A. C. Ruge. 2,340,146; Jan. 25.
Strain gauge. A. C. Ruge. 2,350,972; June 6.
Strain gauge and making same. E. E. Simmons, Jr. 2,350,073; May 30.
Strain gauge for rolling mills and the like. A. Shayne and A. Zeitlin. 2,342,374; Feb. 22.
Strain measuring system. T. E. Browne, Jr. 2,361,173; Oct. 24.
Strain measuring system. B. F. Langer. 2,354,129; July 18.
Strain measuring system. B. F. Langer and T. E. Browne, Jr. 2,354,130; July 18.
Strainer. R. W. Cann. 2,357,500; Sept. 5.
Strainer. F. B. Harvuot. 2,365,074; Dec. 12.
Strainer. H. Hellan. 2,354,752; Aug. 1.
Strainer. T. Tomlinson. 2,357,438; Sept. 5.
Strainer. H. J. Walker and R. R. Settlage. 2,354,412; July 25.
Strainer. T. Wheatley. 2,342,774; Feb. 29.
Strainer and filter. F. Kraissl, Jr. 2,352,269; June 27.
Strainer and making same. M. Rachlin. 2,360,793; Oct. 17.
Strainer, Fluid. F. A. Quiros. 2,359,938; Oct. 10.
Strainer for pulp digesters. C. K. Boyer. 2,340,925; Feb. 8.
Strainer holder. A. Amstutz. 2,349,691; May 23.
Strainer, Milk. D. O. Brant. 2,340,302; Feb. 1.
Strainer or filter, Fluid. A. C. Hoffman. 2,342,669; Feb. 29.
Strainer, Sink. M. Dunn. 2,364,960; Dec. 12.
Strainer system. N. E. Brice. 2,364,775; Dec. 12.
Strainer, Two-way. R. D. McIntosh. 2,358,291; Jan. 4.
Strand covering apparatus. W. T. Barrans. 2,344,586; Mar. 21.
Strand handling apparatus. Y. A. Bouget. 2,347,892; Apr. 25.
Strand handling apparatus. E. E. Frans. 2,348,798; May 16.
Strand handling apparatus. O. G. Nelson. 2,364,808; Dec. 12.
Strand handling apparatus. E. W. Reynolds. 2,342,009; Feb. 15.
Strand handling apparatus. J. N. Selvig. 2,348,856; May 16.
Strand handling apparatus. C. C. Smith. 2,363,205; Nov. 21.
Strand handling machine. E. J. Larsen and O. G. Nelson. 2,364,984; Dec. 12.
Strand supply apparatus. P. J. Knaus and E. W. Larsen. 2,343,461; Mar. 7.
Strand tension indicating device. H. R. Thornton. 2,353,092; July 4.
Strand treating apparatus. P. J. Knaus. 2,341,450; Feb. 8.
Strand twisting apparatus. A. E. Winslow. 2,353,101-5; July 4.
Strap, Adjustable. R. A. Smith. 2,361,506; Oct. 31.
Strap and buckle therefor, Adjustable. P. W. White. 2,353,378; July 11.
Strap, Combined hold-down and tear-off. L. F. Worth. 2,339,828; Jan. 25.
Strap construction, Shoulder. H. M. Plehn. 2,363,017; Nov. 21.
Strap for wrist-watches, apparel belts and the like. J. P. Schultheiss. 2,353,854; July 18.
Strap-stretching device. J. H. Bramble. 2,349,608; May 23.
Strap stretching device. N. Mars. 2,361,224; Oct. 24.

Strap, Wrist watch. W. H. Partridge. 2,359,148; Sept. 26.
Straw, Stuffed. O. W. Schroeder. 2,349,761; May 23.
Straws in cartons, Packaging. B. R. Farrand. 2,348,532; May 9.
Street cleaner. M. V. Bernal. 2,361,909; Nov. 7.
Street traffic signal. H. B. Corley. 2,349,485; May 23.
Stretcher. A. V. Baker. 2,366,082; Dec. 26.
Stretcher. J. E. Pike. 2,351,146; June 13.
Stretcher. J. R. Smith, Jr., and F. De la Rosa. 2,350,573; June 6.
Stretcher, Army. E. Friedlaender. 2,348,210; May 9.
Stretcher frame for curtains and the like. W. D. Redmond. 2,347,711; May 2.
Stretcher, Carpet. J. D. Bartlow. 2,358,436; Sept. 19.
Stretcher, Curtain. R. Moskos. 2,343,695; Mar. 7.
Stretcher, Floatable. A. N. Spanel. 2,355,757; Aug. 15.
Stretcher, Rug. C. A. Boushelle. 2,345,232; Mar. 28.
Stretching device, Strap. F. H. Hoffing. 2,363,328; Nov. 21.
Stretching machine for flattening metal strip. N. C. Lake. 2,364,376; Dec. 5.
Stringers for slide fasteners, Making. G. Sundback. 2,362,221; Nov. 7.
String-inserting mechanism for sewing machines. R. J. Sailer. 2,339,653; Jan. 18.
Strip and weather strip, Combined parting. A. Taurman. 2,357,701; Sept. 5.
Strip affixing device. F. J. Connolly. 2,357,173; Aug. 29.
Strip, Beading. L. Spraragen. 2,347,158-9; Apr. 18.
Strip cutter. A. Torrese. 2,365,663; Dec. 26.
Strip decoilating machine. F. H. Mosher. 2,360,965; Oct. 24.
Strip dispenser and moistening means for same. T. R. Gautier. 2,352,149; June 20.
Strip, Fastening. L. M. Rabinowitz. 2,358,735; Sept. 19.
Strip feed for typewriting machines. L. F. Hageman. Re. 22,460; Mar. 28.
Strip feed mechanism. L. H. Moomaw and H. Bernzott. 2,350,693; June 6.
Strip feed mechanism, Intermittent. A. S. Howell. 2,361,291; Oct. 24.
Strip feeding and bursting device. A. L. Zent. 2,355,690; Aug. 15.
Strip feeding and severing apparatus. J. Q. Sherman. 2,361,421; Oct. 31.
Strip feeding attachment. K. P. Morse. 2,355,668; Aug. 15.
Strip feeding mechanism. A. F. Groll and M. R. Hatch. 2,343,899; Mar. 14.
Strip-feeding mechanism. P. S. Smith. 2,352,131; June 20.
Strip forming means. L. R. Newton. 2,358,278; Sept. 12.
Strip looping device. D. H. Washburn. 2,344,225; Mar. 14.
Strip material, Feeding and severing. F. H. G. Pitt and H. Nagel. 2,338,596; Jan. 4.
Strip material, Handling. J. La Marca. 2,345,756; Apr. 4.
Strip material, Method of and apparatus for inspecting. C. J. Klein, E. W. Rieger, and A. W. Duncan. 2,342,474; Feb. 22.
Strip metal, Apparatus for rolling. R. G. Bennewitz. 2,353,290; July 11.
Strip metal, Method and apparatus for rolling. R. G. Bennewitz. 2,353,289; July 11.
Strip mill control. J. L. Whitten. 2,343,392; Mar. 7.
Strip mill control. J. L. Whitten. 2,360,995; Oct. 24.
Strip plastic material, Method and apparatus for treating. C. W. Legullion. 2,338,770; Jan. 11.
Strip shearing attachment. J. Galkin. 2,362,437; Nov. 7.
Strip tension measuring device. M. D. Stone, W. W. McBane, and J. I. Greenberger. 2,343,229; Feb. 29.
Strip, Tinning. J. D. Adler. 2,364,904; Dec. 12.
Strip welding, Method of and apparatus for. J. H. Buckham, A. J. Miller, and S. H. Royer. 2,344,534; Mar. 21.
Stripe painting machine, Interrupted. D. H. Clark. 2,357,930; Sept. 12.
Striping device. A. Fera. 2,341,912; Feb. 15.
Striping instrument. A. J. Tegethoff. 2,351,847; June 20.
Stripper for pump pistons, Fluid. C. K. Huthsing. 2,340,471; Feb. 1.
Stripper for shell drawing dies. L. S. Newell. 2,345,857; Apr. 4.
Stripper, Ingot. O. Hively. 2,362,696; Nov. 14.
Stripping apparatus. S. K. Wellman. 2,342,772; Feb. 29.
Stripping machine. B. M. Packtor. 2,365,213; Dec. 19.
Strips, Machine for interfolding. F. R. Slavek. 2,366,130; Dec. 26.
Stripe, Method and apparatus for making fastening. R. Dasher. 2,358,689; Sept. 19.
Stroboscopic timing and testing of Diesel and similar engines. H. M. Fuller. 2,344,037; Mar. 14.
Strontium peroxide, Manufacture of. A. Hummel and W. M. Driesen. 2,357,655; Sept. 5.
Strop and steriliser, Razor. S. Browning. 2,358,757; Sept. 19.
Stropping device for safety razor blades. C. W. G. Little. 2,350,241; May 30.
Structural cement slab. E. C. Hoge. 2,338,246; Jan. 4.
Structural elements, Producing. A. Doherty. 2,353,447; July 11.
Structural joint. E. E. Green. 2,347,049; Apr. 18.
Structural joint. V. H. Pavlecka and D. F. Egger. 2,361,706; Oct. 31.
Structural material, Coating. C. C. Schuetz. 2,354,351; July 25.
Structural member. J. Couëlle. 2,356,386; Aug. 22.
Structural member. P. M. Magruder. 2,360,433; Oct. 17.
Structural member. E. Pitou, J. Husk and V. W. Meng. 2,346,391; Apr. 11.
Structural member and making same. C. De Boer. 2,355,707; Aug. 15.
Structural member, Expanding metal. S. S. Lachman. 2,356,675; Aug. 22.
Structural panel. G. T. Gerlach, P. Altman, and A. S. Kos. 2,361,620; Oct. 31.
Structural shapes and resultant product, Manufacture of. A. M. Dinkfeld and T. C. Pond. 2,348,614; May 9.
Structural shapes, Method and apparatus for bending. D. Kelleher. 2,350,046; May 30.
Structural unit. W. Crawford. 2,365,175; Dec. 19.
Structural unit. G. F. Dalton, II. 2,363,233; Nov. 21.
Structure for glazing units. J. H. Sherts. 2,359,163; Sept. 26.
Structure, Manhole. W. A. Sandberg. 2,347,844; May 2.
Structure, Selfsupporting. C. Daum. 2,365,252; Dec. 19.
Strut and braking assembly, Brake beam. M. Pringle 2,348,147; May 2.
Strut, Liquid damped telescopic shock absorber. S. Foster. 2,363,125; Nov. 21.
Strut, Shock. L. N. Crispell. 2,357,505; Sept. 5.
Strut, Shock absorbing. H. W. Mattingly. 2,364,865; Dec. 12.
Strut, Shock absorbing. J. F. Wallace. 2,357,036; Aug. 29.
Stud bolts, Manufacture of. A. P. Newall. 2,356,686; Aug. 22.
Stud setting and removing tool. S. Schnabolk. 2,351,232; June 13.
Studs, Welding. E. F. Nelson. 2,355,099; Aug. 8.
Stuffing box. P. O. de Zarate and D. S. Drabble. 2,342,926; Feb. 29.
Stylus holder. W. T. Pearson. 2,362,582; Nov. 14.
Stylus operating means. L. H. Cbase and L. C. Spenard. 2,351,319; June 13.
Styrene and a polymer, Composition of. S. Caplan and W. F. Schaufelberger. 2,338,230; Jan. 4.
Styrene, Insoluble polymers derived from. E. C. Britton, H. B. Marshall, and W. J. Le Fevre. 2,341,175; Feb. 8.
Styrene-polybutadiene copolymer, Substituted. F. J. Soday. 2,338,741; Jan. 11.
Styrene-polyisoprene copolymers, Substituted. F. J. Soday. 2,338,742; Jan. 11.
Styrene-polypiperylene copolymers, Substituted. F. J. Soday. 2,338,743; Jan. 11.
Styrene, Recovery of. M. C. J. Jones and A. A. Wells. 2,353,040; July 4.
Subaqueous material, Apparatus for excavating. J. Kalix. 2,361,404; Oct. 31.
Subcarburetor. L. Hanks. 2,354,373; July 25.
Subgrader. W. H. Lewis. 2,345,612; Apr. 4.
Sublayers for film elements and preparation thereof. E. B. Middleton, D. M. McQueen, and J. R. Hill. 2,341,877; Feb. 15.
Submarine. M. C. Schwab. 2,349,009; May 16.
Submarine cable transmission. O. B. Jacobs. 2,342,544; Feb. 22.
Submarine escape and communication device. R. Wolf. 2,357,064; Aug. 29.
Submarine rescue and escape mechanism. C. D. Pleak 2,338,597; Jan. 4.
Submerged burner. J. P. Brosius. 2,358,302; Sept. 19.
Submerged resistor induction furnace. M. Tama. 2,339,964; Jan. 25.
Submersible pump. G. P. E. Howard. 2,363,419-20; Nov. 21.
Subpress. F. H. Leslie. 2,359,566; Oct. 3.
Subresinous acylated polyamine. M. De Groote and B. Keiser. 2,364,779; Dec. 12.
Substances by froth flotation, Recovery of fatty. R. B. Booth and A. M. Webb. 2,352,365; June 27.
Substances condensed in cold accumulators in the cooling of gases, Removing the. J. Le Rouge. 2,355,660; Aug. 15.
Substances, Stabilization of oxidizable. L. O. Buxton. 2,345,576; Apr. 4.
Substation circuit. A. E. Woodruff. 2,344,338; Mar. 14.
Substation protector. J. S. Baker. 2,350,442; June 6.
Sub station protector. R. M. Schultz. 2,362,936; Nov. 14.
Substituted guanidine salts of alkyl phosphoric acids and their preparation. W. P. Ericks and J. H. Williams. 2,345,388; Mar. 28.
Succinic acids, Production of. R. T. Dean and E. O. Hook. 2,351,667; June 20.
Suction cleaner. B. C. Becker. 2,359,194; Sept. 26.
Suction cleaner. H. H. Boyer. 2,345,452; Mar. 28.
Suction cleaner. L. A. Griffith. 2,354,207; July 25.
Suction cleaner. P. T. Hahn. 2,340,379; Feb. 1.
Suction cleaner. A. M. Hariett. 2,343,056; Feb. 29.
Suction cleaner. W. H. Kitto. 2,359,223; Sept. 26.

Suction cleaner. J. H. Nuffer and L. H. Latta. 2,355,322; Aug. 8.
Suction cleaner. J. H. Nuffer and L. H. Latta. 2,360,155; Oct. 10.
Suction cleaner. L. W. Pardee. 2,366,125; Dec. 26.
Suction cleaner. W. D. Sellers and A. G. Gross. 2,343,227; Feb. 29.
Suction cleaner. D. G. Smellie. Re. 22,426; Jan. 25.
Suction cleaner. D. G. Smellie. 2,342,905; Feb. 29.
Suction cleaner. D. G. Smellie. 2,348,861; May 16.
Suction cleaner. D. G. Smellie. 2,364,877; Dec. 12.
Suction cleaner. E. L. Snyder. 2,355,183; Aug. 8.
Suction cleaner. T. A. Stoner. 2,340,437; Feb. 1.
Suction cleaner. T. A. Stoner. 2,342,908; Feb. 29.
Suction cleaner. E. R. Swann. 2,340,440; Feb. 1.
Suction cleaner. E. R. Swann. 2,363,452; Nov. 21.
Suction cleaner. C. G. Troxler. 2,345,514; Mar. 28.
Suction cleaner. H. B. White. 2,342,912; Feb. 29.
Suction cleaner. H. B. White. 2,352,504; June 27.
Suction cleaning apparatus. C. H. Taylor. 2,343,819; Mar. 7.
Suction roll. J. E. Goodwillie and E. E. Berry. 2,348,340; May 9.
Suction roll. W. H. Millspaugh. 2,338,777; Jan. 11.
Suction roll. E. T. Street. 2,338,465; Jan. 4.
Sugar cane mill. H. J. B. Scharnberg. 2,340,228; Jan. 25.
Sugar dispensing device. J. Hurwitz. 2,339,781; Jan. 25.
Sugar granule manufacture. J. W. Schlegel and L. Lang. 2,347,288; Apr. 25.
Sugar juice, Purification of. H. W. Dahlberg. 2,359,902; Oct. 10.
Sugar liquors, Lime treatment of. R. D. Kent. 2,340,128; Jan. 25.
Sugar liquors, Treatment of. A. B. Cummins. 2,362,357; Nov. 7.
Sugar, Manufacture of direct consumption. H. M. Row. 2,360,586; Oct. 17.
Sugar, Preparation of a. J. C. Mahoney. 2,357,838; Sept. 12.
Sugar refining process. C. D. and P. R. Barber. 2,350,143; May 30.
Suit, Bathing. J. Solomon. 2,358,113; Sept. 12.
Suit, Lifesaving. C. Dybberg. 2,348,793; May 16.
Suit, Lifesaving. H. G. Morner. 2,361,786; Oct. 31.
Suit, One-piece. H. E. Shikles, Jr. 2,352,128; June 20.
Suit, Parachute jumper's. S. S. Miner. 2,342,420; Feb. 22.
Suit, Swimming. J. Hayward. 2,343,974; Mar. 14.
Suitcase. M. Medoff. 2,348,436; May 9.
Sulphanilamide addition compound. J. Rosicky. 2,352,012; June 20.
Sulphanilamide derivatives. E. Haworth and F. L. Rose. 2,359,912; Oct. 10.
Sulphanilamido-thiazoles. G. Newbery. 2,362,087; Nov. 7.
Sulphanilyl aryl guanidines, Preparing. G. W. Anderson. 2,357,249; Aug. 29.
Sulphanilylalkylisoureas, Preparing. R. O. Roblin, Jr., and G. W. Anderson. 2,356,949; Aug. 29.
Sulphathiazole and sulphadiazine, Solubilizing. E. E. Moore. 2,342,957; Feb. 29.
Sulphathiazole, Production of L. C. Leitch, L. Brickman, and L. E. Ryan. 2,339,083; Jan. 11.
Sulphide, Allylchloromethyl. L. A. Walter. 2,354,229; July 25.
Sulphides, Chloromethyl. L. A. Walter. 2,354,230; July 25.
Sulphides, selenides and tellurides, Producing alkali-metal. G. L. Cunningham. 2,354,742; Aug. 1.
Sulphitation of organic compounds. L. J. Beckham. 2,343,362; Mar. 7.
Sulpho | amides of cis-endomethylene 3,6-Δ^4-tetrahydro phthalic acid. P. P. McClellan and J. C. Bacon. 2,345,539; Mar. 28.
Sulpho-halogenated aliphatic monoesters, Manufacture of. H. G. Smith, T. L. Cantrell, and J. G. Peters. 2,360,905; Oct. 24.
Sulphonamide compounds. J. G. McNally and J. B. Dickey. 2,358,465; Sept. 19.
Sulphonamide derivatives and obtaining the same. B. F. Tullar. 2,358,365; Sept. 19.
Sulphonamide derivatives of 2-amino-oxazole and their production. G. W. Anderson. 2,362,336; Nov. 7.
Sulphonamides and making the same, Valuable derivatives of. M. Dohrn and P. Diedrich. 2,341,086; Feb. 8.
Sulphonamido monoazo dyestuffs. O. Knecht and T. Wirth. 2,353,569; July 11.
Sulphonated organic compound. D. Price and R. Kapp. 2,341,060; Feb. 8.
Sulphonated products, Preparing. J. T. Eaton and P. W. Volk. 2,352,698; July 4.
Sulphonation of alpha-aminoanthraquinone compounds. J. Ogilvie. 2,360,010; Oct. 10.
Sulphonation process. C. H. Lighthipe. 2,344,154; Mar.
Sulphonic acid chlorides of couplers, Forming. H. D. Porter and A. Weissberger. 2,350,127; May 30.
Sulphonic acids of the aromatic series and their manufacture, Halogen substituted acylamino. H. Martin, H. H. Zaeslin, R. Hirt, C. Glatthaar, and A. Staub. 2,363,074; Nov. 21.
Sulphonic acids, Substituted propylaminoaromatic. D. W. Woodward. 2,364,033; Nov. 28.
Sulphonyl aryl biguanides, Preparation of. R. O. Roblin, Jr. 2,357,268; Aug. 29.
Sulphonyl bromide derivatives, Production of. A. L. Fox. 2,346,568; Apr. 11.
Sulphonyl chlorides, Producing. A. L. Fox. 2,351,674; June 20.
Sulphonyl guanidines, Preparation of. D. W. Kaiser. 2,359,363; Oct. 3.
Sulphoxides and more particularly sulphoxides of the aromatic or heterocyclic series and making the same. J. Vonkennel and J. Kimmig. 2,343,162; Feb. 29.
Sulphur and phosphorus from molten metals, Method and apparatus for removing. D. J. Campbell. 2,355,362; Aug. 8.
Sulphur-bearing derivatives of high molecular weight, Synthesis of. B. H. Lincoln, G. D. Byrkit and W. L. Steiner. 2,348,080; May 2.
Sulphur compounds. M. H. M. Arnold and W. E. Perry. 2,364,414; Dec. 5.
Sulphur compounds, Manufacture of neutral organic. H. G. Smith. 2,360,904; Oct. 24.
Sulphur content of a fluid stream, Determining. M. C. K. Jones. 2,362,278; Nov. 7.
Sulphur corrosion in cracking. J. N. J. Perquin. 2,361,149; Oct. 24.
Sulphur derivatives of organic compounds, Manufacture of. J. F. Olin and T. E. Deger. 2,349,191; May 16.
Sulphur dioxide, Absorbing. G. V. Palmrose. 2,351,780; June 20.
Sulphur dioxide gases, Cooling of. N. Titlestad and L. N. Allen, Jr. 2,341,887; Feb. 15.
Sulphur dioxide to hydrogen sulphide and free sulphur, Reduction of. T. F. Doumani. 2,361,825; Oct. 31.
Sulphur dyes of the hydroxy-anilino-naphthalene-sulphonamide type. H. A. Lubs and N. M. Bigelow. 2,344,624; Mar. 21.
Sulphur, Free-flowing. F. E. Smith. 2,345,862; Apr. 4.
Sulphur from petroleum distillate, Removing mercaptan. J. G. Schaafsma. 2,364,390; Dec. 5.
Sulphur from sulphur-bearing hydrocarbons, Removing. E. V. Murphree, C. W. Tyson, D. L. Campbell, and H. Z. Martin. 2,362,296; Nov. 7.
Sulphur from tar, Separating. R. Syers. 2,343,591; Mar. 7.
Sulphur modified polyhaloprenes, Copolymers of. M. J. Roedel. 2,356,091; Aug. 15.
Sulphur product and producing same. I. Bencowitz. 2,343,860; Mar. 14.
Sulphur product, Finely divided. S. B. Heath. 2,348,736; May 16.
Sulphuric acid by the contact process, Manufacture of. C. V. Herrmann. 2,364,213; Dec. 5.
Sulphuric acid, Concentration of. M. J. Kalous. 2,344,408; Mar. 14.
Sulphuric acid containing dissolved nitrobodies, Process of and apparatus of treating. F. F. Chapman, R. F. Peterson, and C. A. Woodbury. 2,348,328; May 9.
Sulphuric acid, Making. M. M. Striplin, Jr. 2,342,704; Feb. 29.
Sulphuric acid solutions, Purifying. D. W. van Gelder. 2,344,429; Mar. 14.
Sunglass attachment for eyeglasses. E. Reichert. 2,351,287; June 13.
Supercharged internal combustion engine. F. M. Owner. 2,354,047; July 18.
Supercharger. L. W. Beaven. 2,357,778; Sept. 5.
Supercharger. H. A. Johnson. 2,350,616; June 6.
Supercharger. A. Stieglitz. 2,356,124; Aug. 22.
Supercharger, Centrifugal. N. C. Price. 2,342,219; Feb. 22.
Supercharger control. K. A. Browne. 2,341,974; Feb. 15.
Supercharger, Counterrotating. N. C. Price. 2,344,366; Mar. 14.
Supercharger for internal-combustion engines. C. K. Newcombe. 2,360,969; Oct. 24.
Supercharger-regulator for airplane cabins. H. Jde. 2,350,896; June 6.
Superheater, Separately fired. D. M. Schoenfeld. 2,347,848; May 2.
Superpolyamides and producing same. H. Kroeper, F. Kohler, and K. Wolf. 2,338,443; Jan. 4.
Superregenerative receiver circuit. G. Mountjoy and C. W. Finnigan. 2,351,221; June 13.
Supervisory apparatus. P. H. Brace. 2,339,754; Jan. 25.
Supervisory control system. W. A. Derr. 2,342,125; Feb. 22.
Supervisory control system. J. R. Harrington. 2,363,061; Nov. 21.
Supervisory system. C. E. Stewart. 2,360,172; Oct. 10.
Supervoltage X-ray tube. B. Cassen. 2,342,789; Feb. 29.
Supplementary auxiliary apparatus for prime movers. F. L. Dohnbrook. 2,347,471; Apr. 25.
Supply roll for blank sheets. G. H. Ridings. 2,350,417; June 6.
Supply system for aircraft fuel tanks and valves for use therein, Air. W. F. F. Martin-Hurst. 2,366,146; Dec. 26.

Support: *See*—
Adjustable support.
Arch support.
Article support.
Automotive accessory support.
Bearing support.
Bed cover support.
Blind and curtain support.
Brake support.
Bus bar duct support.
Clothes support.
Clothesline support.
Collapsible support.
Collar support.
Conductor support.
Conduit support.
Cowl support.
Drapery support.
Drawer support.
Dump truck body support.
Elastic padding support.
Fixture support.
Flexible cable support.
Flexible cell support.
Flexible thermometer support.
Foot support.
Garment support.
Granular support.
Grid support.
Heater support.
Heddle bar support.
Heddle frame support.
Inner spring support.
Juicer support.
Load support.
Machine tool drive support.
Metal arch support.
Movable demountable scaffold support.
Movable mast support.
Mower cutter bar support.
Optical instrument support.
Pendulum support.
Plant support.
Plumb bob support.
Portable support.
Projectile support.
Railway brake gear support.
Receptacle support.
Reenforcing bar support.
Resilient arch support.
Resilient support.
Retractable spud support.
Roofing support.
Rotatable display support.
Seat support.
Self-balancing lid support.
Shelving support.
Shirt collar support.
Spring support.
Telephone support.
Tie support.
Tool support.
Torch support.
Trailer support.
Tray tier support.
Trolley wire support.
Tube support.
Turbine support.
Turntable slide support.
Typewriter support.
Vehicle body support.
Vehicle wheel spring support.
Wall and closure support.
Web roll support.
Work support.
Support. P. H. Planeta. 2,350,922; June 6.
Support and mounting for washing machine tubs. T. R. Smith. 2,351,237; June 13.
Support for artificial teeth, Temporary. S. Myerson. 2,341,154; Feb. 8.
Support for brake beams, Safety. L. W. Kass. 2,364,221; Dec. 5.
Support for conduits, Universal. H. R. Ellinwood. 2,352,823; July 4.
Support for document photographing cameras. V. C. Heybourne. 2,346,217; Apr. 11.
Support for easel-back picture frames and the like. E. J. Dreisbach. 2,356,036; Aug. 15.
Support for electric conductors. R. R. Pittman. 2,343,576; Mar. 7.
Support for fabric marking. B. Hartshorn. 2,348,295; May 9.
Support for fastening material. F. Kennison. 2,348,219; May 9.
Support for garden hose. S. J. Brown. 2,347,171; Apr. 25.
Support for heavy traveling machines, Truck. H. K. Herrick and C. J. Horn. 2,365,819; Dec. 26.
Support for lens blanks and processes of securing lens blanks to said support. J. Bolsey. 2,352,178; June 27.
Support for picture frames and the like. W. Haverman. 2,339,333; Jan. 18.
Support for portable projectors, Film reel. W. C. De Vry. 2,358,692; Sept. 19.
Support for sandwich toasters, Heating element. M. F. Weida. 2,351,466; June 13.
Support for service trays. F. E. Tracy. 2,356,131; Aug. 22.
Support for shelving, Adjustable. A. Marchand. 2,354,269; July 25.
Support for spherical pressure vessels. L. Reiser. 2,363,992; Nov. 28.
Support for teeth, Temporary. S. Myerson. 2,341,156; Feb. 8.
Support for telephone handsets. K. M. Topken. 2,354,470; July 25.
Support for upholstery and the like, Spring. E. S. Copeland, D. B. Porter, and W. Van Wyck. 2,365,865; Dec. 26.
Support of disks for radial flow rotary machines, Elastic. U. Meininghaus. 2,344,101; Mar. 14.
Supporter and filler, Combined bust. H. M. Herbener. 2,342,076; Feb. 15.
Supporting apparatus. H. Mays. 2,346,932; Apr. 18.
Supporting appliance, Abdominal. H. J. Lunney. 2,345,760; Apr. 4.
Supporting clip. E. M. Morehouse. 2,352,856; July 4.
Supporting devise. B. F. Brown. 2,338,092; Jan. 4.
Supporting device for bubble caps. H. C. Glitsch. 2,338,928; Jan. 11.
Supporting device for rock drills. E. H. Dickenson. 2,360,318; Oct. 17.
Supporting frame for screens. R. R. Greer. 2,357,819; Sept. 12.
Supporting means. R. B. Hitchcock. 2,354,264; July 25.
Supporting rack. D. P. Joyce. 2,355,653; Aug. 15.
Supporting stand. W. Harris. 2,351,679; June 20.
Supporting structure of beverage filling machines. R. J. Stewart. 2,362,167; Nov. 7.
Supporting vehicle bodies and other structures. W. D. Harper. 2,359,036; Sept. 26.
Surface-active agent. M. Kosmin. 2,355,592; Aug. 8.
Surface-active agents. J. B. Dickey. 2,364,348; Dec. 5.
Surface active agents. H. Robinette, Jr. 2,346,454; Apr. 11.
Surface coating apparatus. C. Schleicher. 2,339,952; Jan. 25.
Surface conditioner. A. G. Smith. 2,357,291; Sept. 5.
Surface conditioning wire and the like, Method and apparatus for. N. H. Nye and E. J. McIlvried. 2,355,174; Aug. 8.
Surface covering material and making the same. N. P. Harshberger. 2,359,845; Oct. 10.
Surface coverings, containing oxygen-convertible synthetic resins, Producing. T. F. Bradley. 2,354,572; July 25.
Surface finishing machine. R. E. Ponder. 2,359,488; Oct. 3.
Surface for lateral and directional control, Differentially controlled. C. E. Reichert. 2,363,550; Nov. 28.
Surface grinder and automatic control means therefor. J. A. Harrington. 2,350,229; May 30.
Surface grinder with auxiliary spindle. W. G. Baldenhofer. 2,363,039; Nov. 21.
Surface hardness of enamels, Increasing the apparent. I. and W. Kreidl. 2,353,165; July 11.
Surface marking signal. P. G. Holt. 2,338,719; Jan. 11.
Surface operated flowing means for wells. R. G. Taylor, Jr. 2,347,620; Apr. 25.
Surface treating apparatus for poles. C. B. Stair. 2,357,144; Aug. 29.
Surface treatment of tinned material. F. E. Rath. 2,357,970; Sept. 12.
Surface type heat exchanger. A. R. Smith. 2,350,936; June 6.
Surface-working machine. M. S. Ariens. 2,357,374; Sept. 5.
Surfaces of aluminum and aluminum alloys, Beautifying and protecting. G. Kraft. 2,363,339; Nov. 21.
Surfaces of ovate sections, Method of and apparatus for the generative formation of. H. L. Blood. 2,348,881; May 16.
Surfboard. R. G. Kirchner. 2,355,302; Aug. 8.
Surge brake trailer coupling. C. J. Wagner. 2,341,965; Feb. 15.
Surgeon's tool. H. N. Stevenson. 2,360,738; Oct. 17.
Surgical bone clamp. G. S. Hackett. 2,362,957; Nov. 14.
Surgical cast cutter. M. F. Harrington. 2,352,432; June 27.
Surgical cast cutter. E. Odierna and A. Procario. 2,344,262; Mar. 14.
Surgical dressing. S. Penkas. 2,342,300; Feb. 22.
Surgical instrument. L. C. Dwoyer. 2,355,209; Aug. 8.
Surgical instrument. J. J. Tibone and O. Stoye. 2,345,639; Apr. 4.
Surgical needle holder. W. O. Jones. 2,363,334; Nov. 21.
Surgical pump. J. C. Marsh. 2,351,828; June 20.
Surgical stitching apparatus. G. A. Wilson and L. E. Spencer. 2,344,071; Mar. 14.
Surgical stitching instrument. J. D. Karle. 2,348,218; May 9.
Surgical string package. S. B. Bradshaw. 2,357,996; Sept. 12.
Surveying instrument. H. C. Burt. 2,346,006; Apr. 4.
Suspendometer. W. T. Cardwell, Jr. 2,348,520; May 9.
Suspension bridge. W. Haupt. 2,339,925; Jan. 25.
Suspension device for coat hangers. H. Cohn. 2,355,705; Aug. 15.
Suspension device for vehicles, Liquid damped resilient. P. W. Thornhill. 2,342,381; Feb. 22.
Suspension device, Resilient. G. H. Dowty. 2,346,667; Apr. 18.
Suspension for beds and the like, Antioscillation. L. Sebestyen. 2,352,024; June 20.
Suspension for multiwheel vehicles. L. R. Buckendale. 2,351,001; June 13.
Suspension for multiwheel vehicles. R. W. Pointer. 2,361,496; Oct. 31.
Suspension for refractory walls. A. K. Spalding. 2,348,314; May 9.
Suspension means for parachute carriers. J. H. Strong. 2,357,293; Sept. 5.
Suspension member. E. M. Armstrong, Jr., and R. K. Cutter. 2,362,523; Nov. 14.
Suspension of rolling mill rolls. A. Mogiljanskij. 2,365,831; Dec. 26.
Suspension system for vehicles. T. H. Thompson. 2,361,575; Oct. 31.
Suspension system for vehicles. C. D. Willson. 2,346,123; Apr. 4.
Suspensions in liquids, Separating. S. F. Good. 2,361,283; Oct. 24.
Suturing instrument. H. H. Ogburn. 2,365,647; Dec. 19.
Swaging machine. G. E. Barstow. 2,341,972; Feb. 15.
Swaging tool. H. E. Enders. 2,349,493; May 23.
Swatter, Fly. J. S. Glomb. 2,361,023; Oct. 24.
Sweatband, Hat. F. R. Roberts. 2,338,871; Jan. 11.
Sweatband structure. F. Ostolaza and G. E. Holmes. 2,340,980; Feb. 8.
Sweatbox. M. A. Cotter. 2,346,827; Apr. 18.

Sweep for automatic bowling alleys, Deadwood. J. Parra and W. White. 2,361,233; Oct. 24.
Sweep rack. H. Wiekert. 2,361,341; Oct. 24.
Sweepstick for looms. F. L. Furgal. 2,353,302; July 11.
Swing. J. E. Pippin. 2,358,098; Sept. 12.
Swing. L. Vermette. 2,366,135; Dec. 26.
Swing gate valve. C. R. Streeker. 2,356,630; Aug. 22.
Swing joint. D. M. Phillips. 2,354,416; July 25.
Swing joint and flow control valve means for liquid loading conduit systems, Combined. H. C. Krone and W. Meyer. 2,361,214; Oct. 24.
Swingable filter. C. E. Hunziker. 2,345,259; Mar. 28.
Swinging dome cover. C. H. Folmsbee. 2,339,006; Jan. 11.
Switch: *See*—
Accessory circuit switch.
Alternating electric switch.
Automatic alarm switch.
Automatic film rewind switch.
Automatic sectionalizing and short circuiting switch.
Automatic starter switch.
Auxiliary switch.
Bicycle stop-light switch.
Black-out switch.
Change-over switch.
Coin controlled switch.
Combination switch.
Crossbar switch.
Diaphragm switch.
Direction indicator switch.
Direction signal switch.
Directional signal switch.
Disconnector switch.
Driveway switch.
Electric control switch.
Electric snap switch.
Electric switch.
Electrical appliance switch
Electrical switch.
Electromagnetically operated switch.
Enclosed electric safety switch.
Flasher switch.
Flashlight switch.
Float switch.
Fluid actuated switch.
Gravity operated electric switch.
High voltage switch.
Line selector switch.
Liquid tight electric switch.
Mercury switch.
Magnetic reversing switch
Manually controlled time switch.
Mercury switch.
Metal clad switch.
Motor control switch.
Non-numerical hunting switch.
Oil float operated switch.
Panel selector switch.
Pilot circuit switch.
Pressure controlled switch.
Pressure operated switch.
Pressure switch.
Reversing switch.
Rheostat switch.
Rotary disconnect switch.
Safety switch.
Seat operated switch.
Selective switch.
Selector switch.
Snap switch.
Tap switch.
Thermal switch.
Torque control switch.
Turn signal switch.
Two-position switch.
Two-way band switch.
Ultra high frequency switch.
Valve operated motor controlling switch.
Vehicular actuated switch.
Switch. H. K. Andrews. 2,341,837; Feb. 15.
Switch. J. D. Bolesky. 2,345,451; Mar. 28.
Switch. H. E. Bucklen, Jr., and J. Klotz. 2,339,675; Jan. 18.
Switch. C. L. Cox, Jr. 2,345,240; Mar. 28.
Switch. E. E. Dreese, S. O. Evans, and W. L. Davis. 2,365,064; Dec. 12.
Switch. L. E. Fisher. 2,343,255; Mar. 7.
Switch. W. H. Frank. 2,342,852; Feb. 29.
Switch. W. H. Frank. 2,357,183; Aug. 29.
Switch. H. W. Graybill. 2,359,105; Sept. 26.
Switch. M. B. Grout. 2,349,655; May 23.
Switch. R. H. Hill. 2,360,496; Oct. 17.
Switch. E. L. Horning. 2,343,060; Feb. 29.
Switch. J. B. Parsons. 2,344,452; Mar. 14.
Switch. E. T. Platz. 2,343,264; Mar. 7.
Switch. E. T. Platz. 2,361,564; Oct. 31.
Switch. E. W. Rickmeyer. 2,361,058; Oct. 24.
Switch. A. C. Ruge. 2,344,173; Mar. 14.
Switch. W. O. Schnitz. 2,344,113; Mar. 14.
Switch. T. W. Thirlwell. 2,347,342; Apr. 25.
Switch. E. F. Weiser. 2,347,528; Apr. 25.
Switch. P. H. Williams. 2,357,440; Sept. 5.
Switch and control system, combination, Limit. P. G. White. Re. 22,525; Aug. 1.
Switch and lock-out device for electric discharge lamps, Starting. L. W. Cook. 2,343,172; Feb. 29.
Switch and mounting, Push button. J. Bierenfeld. 2,363,854; Nov. 28.
Switch and signal control system for railroads. T. J. Judge. 2,357,518; Sept. 5.
Switch and signal control system for railroads. N. D. Preston and F. B. Hitchcock. 2,344,728; Mar. 21.
Switch and controlling circuits. H. L. Lambert. 2,349,871; May 30.
Switch assemblage. J. R. Thorp and S. Strand. 2,338,365; Jan. 4.
Switch, Automatic. B. D. Willis. 2,340,445; Feb. 1.
Switchboard implement. G. M. Wilhelm. 2,355,195; Aug. 8.
Switchboard, Toll. L. F. Porter. 2,339,425; Jan. 18.
Switch construction. S. I. Lindell and A. Van Ryan. 2,351,826; June 20.
Switch construction. E. A. Link. 2,360,431; Oct. 17.
Switch construction. G. R. Runke. 2,357,770; Sept. 5.
Switch construction. G. R. Runke. 2,362,312; Nov. 7.
Switchgear, Metal-clad. G. L. Claybourn. 2,345,033; 2,353,303; Aug. 8.
Switch control. A. Buttner. 2,354,651; Aug. 1.
Switch control for drill presses. J. P. Rugheimer 2,357,690; Sept. 5.
Switch control system. A. T. Johnston. 2,347,602; Apr. 25.
Switch control system, Pumpproof. A. C. Boisseau. 2,346,147; Apr. 11.
Switch for compartment lights, Automatic. H. H. Clayton. 2,344,129; Mar. 14.
Switch for electrical discharge lamps, Starting. P. L. Betz. 2,356,812–3; Aug. 29.
Switch for electro thermal apparatus. E. Challet. 2,346,730; Apr. 18
Switch for liquid fuel lines, Thermally responsive control. B. Hayter. 2,355,436; Aug. 8.
Switch for steering wheels, Control. J. Blackburn. 2,342,915; Feb. 29.
Switch, Front operated. R. N. Rowe. Re. 22,559; Oct. 24.
Switchgear. W. G. Harlow. 2,364,974; Dec. 12.
Switchgear. T. G. A. Sillers. 2,346,460; Apr. 11.
Switchgear, Electrical. G. M. Reed and B. W. Mahoney. 2,362,304; Nov. 7.
Switchgear, Metal-clad. G. L. Claybourn. 2,345,033; Mar. 28.
Switchgear, Metal-clad. G. F. Sauers. 2,340,082; Jan. 25.
Switch machine for railway spring switches. O. S. Field. 2,361,468; Oct. 31.
Switch machine for railway spring switches. W. K. Howe. 2,341,718; Feb. 15.
Switch mechanism. H. Purat. 2,353,847; July 18.
Switch mechanism, Thermoelectric. G. A. Guenther. 2,361,397; Oct. 31.
Switch operating apparatus, Railway track. H. L. Bone. 2,365,800; Dec. 26.
Switch operating mechanism. A. G. Steinmayer and J. O. Fenwick. 2,360,801; Oct. 17.
Switch operator. J. K. Hodnette, M. G. Leonard, and P. Sellers. 2,356,055; Aug. 15.
Switch-over device. E. J. Panish. 2,358,094; Sept. 12.
Switch structure. W. B. Kochner. 2,356,521; Aug. 22.
Switch structure. E. W. Landmeier. 2,357,592; Sept. 5.
Switch system, Crossbar. T. L. Bowser. 2,362,448; Nov. 14.
Switch system, Three-dimensional crossbar. T. L. Bowser and F. H. Slaymaker. 2,351,584; June 20.
Switch with mechanical interlock, Electric. R. E. Ballou. 2,359,606; Oct. 3.
Switches, Mechanism for electric. V. L. Mares. 2,355,457; Aug. 8.
Switches, Timing of electromagnetic. A. W. Paulson and W. H. Bruns. 2,339,581; Jan. 18.
Switching apparatus. R. F. Mallina. 2,342,552; Feb. 22.
Switching apparatus. J. M. O'Malley. 2,363,079; Nov. 21.
Switching apparatus. H. H. Rugg. 2,363,364; Nov. 21.
Switching arrangement for electrically heated devices, Safety. F. E. Finlayson. 2,364,433; Dec. 5.
Switching arrangement for employing rectifiers in conjunction with battery regulating switches. W. J. Marshall and L. H. Catt. 2,353,410; July 11.
Switching device. C. J. Christensen. 2,347,733; May 2.
Switching device. A. S. Dubuar. 2,345,386; Mar. 28.
Switching device. F. Koppelmann. 2,341,326; Feb. 8.
Switching device. C. V. Parker. 2,358,095; Sept. 12.
Switching device, Multibreak. H. Thommen. 2,340,827; Feb. 1.
Switching means for interconnecting coaxial conductors. W. Kram and F. L. J. Jarvis. 2,344,780; Mar. 21.
Switching means, High frequency. D. A. Heisner. 2,347,826; May 2.
Switching mechanism. G. E. Atkins. 2,349,929; May 30.
Switching mechanism. H. L. Coyne. 2,347,785; May 2.
Switching mechanism. J. C. Field. 2,341,029; Feb. 8.
Switching mechanism. H. C. Harrison. 2,347,738; May 2.
Switching mechanism. H. C. Harrison. 2,362,551; Nov. 14.
Switching mechanism. R. V. L. Hartley. 2,357,108; Aug. 29.
Switching mechanism. F. H. Hibbard. 2,339,404; Jan. 18.
Switching mechanism. F. H. Hibbard. 2,350,458; June 6.
Switching mechanism. W. H. T. Holden. 2,338,181; Jan. 4.
Switching mechanism. J. A. Kater. 2,340,811; Feb. 1.
Switching mechanism. A. C. Keller. 2,350,464; June 6.
Switching mechanism. R. F. Mallina. 2,348,353; May 9.
Switching mechanism. R. F. Mallina. 2,363,683; Nov. 28.
Switching mechanism, Electric. J. F. McKenney. 2,363,886; Nov. 28.
Switching mechanism for bore hole apparatus. M. Schlumberger. 2,343,087; Feb. 29.
Switching system. F. E. Hanson, R. K. Smith, and J. H. Sulzer. 2,348,680; May 9.
Switching system. F. A. Hubbard. 2,347,107; Apr. 18.
Switching system, Automatic. B. D. Willis. 2,358,196; Sept. 12.
Switching system, Teletypewriter. C. A. Dahlbom, F. S. Kinkead and G. A. Locke. 2,349,539; May 23.
Swivel. W. E. King. 2,346,380; Apr. 11.

Swivel connection. D. M. Phillips. 2,356,351; Aug. 22.
Swivel coupling. P. M. Hardwick. 2,338,716; Jan. 11.
Swivel joint. F. N. Bard, V. W. Breitenstein, C. J. Olds, and L. A. Wray. 2,343,491; Mar. 7.
Swivel mechanism for seats. A. E. Davies. 2,351,194; June 13.
Swivel unit, Universally adjustable. N. R. Schwartz. 2,362,100; Nov. 7.
Swivelable wire storage reel. G. G. Eisenbeis. 2,339,688; Jan. 18.
Sylvinite ores, Concentration of. A. J. Weinig. 2,349,393; May 23.
Synchronism control system. S. B. Crary. 2,363,833; Nov. 28.
Synchronisation and regeneration of electric telegraph signals, Producing. A. Kahn and W. A. Anderson. 2,359,649; Oct. 3.
Synchronization of deflecting circuits. G. L. Fredendall and A. C. Schroeder. 2,344,810; Mar. 21.
Synchronizer. O. E. Fishburn. 2,345,250; Mar. 28.
Synchronizer. J. G. Tyken and C. O. Oestman. 2,342,985; Feb. 29.
Synchronizer and making the same. R. Lapsley and D. S. Dence. 2,354,526; July 25.
Synchronizer, Camera. S. Mendelsohn and P. K. McGall. Re. 22,433; Feb. 8.
Synchronizer coupling. P. Orr. 2,360,711; Oct. 17.
Synchronizer unit and equipment, Photoflash. O. Steiner. 2,350,258; May 30.
Synchronizing apparatus for cathode-ray oscillographs. R. Barthelemy. 2,355,135; Aug. 8.
Synchronizing arrangement. G. Wegener. 2,352,050; June 20.
Synchronizing circuit. A. R. Applegarth, Jr. 2,356,141; Aug. 22.
Synchronizing clutch. C. D. Peterson and A. H. Deimel. 2,363,746; Nov. 28.
Synchronizing means for the hands of clocks. A. Amend, Jr., and F. L. Eidmann. 2,359,458; Oct. 3.
Synchronizing means for vehicles and other machinery clutches. A. C. Sampietro. 2,361,127; Oct. 24.
Synchronizing mechanism for cameras, Photoflash. A. Schwarz. 2,340,405; Feb. 1.
Synchronizing pulse separating circuit. H. T. Lyman. 2,354,032; July 18.
Synchronizing signal generator. H. C. Ressler. 2,342,693; Feb. 29.
Synchronizing signal generator. K. Schlesinger. 2,350,536; June 6.
Synchronizing system. P. E. Day. 2,344,029; Mar. 14.
Synchronizing system. W. C. Eddy. 2,354,583; July 25.
Synchronizing transmission. S. O. White. 2,364,331; Dec. 5.
Synchronous motor. F. P. Mason. 2,338,525; Jan. 4.
Synchronous motor control. W. R. Wickerham. 2,338,557; Jan. 4.
Synchroscope. P. F. Bechberger. 2,339,612; Jan. 18.
Synchroscope. L. Blok. 2,358,439; Sept. 19.
Synchroscope. C. I. MacNeil. 2,342,057; Feb. 15.
Synchro-shifting transmission clutch. J. J. Dugas. 2,349,491; May 23.
Synthesis of aryl-alkyl-halogeno-ethanes. G. J. Van Zoeren. 2,349,779; May 23.
Synthesis of drying oils from petroleum hydrocarbons. H. B. Kipper. 2,345,754; Apr. 4.
Synthesis of vitamin B_6. L. J. Szabo. 2,359,260; Sept. 26.
Synthesis of wound hormone. J. English, Jr., J. Bonner, and A. J. Haagen-Smit. 2,339,259; Jan. 18.
Synthetic abrasive material. J. A. Brown. 2,358,313; Sept. 19.
Synthetic condensation product. G. F. D'Alelio. 2,339,768–70; Jan. 25.
Synthetic fibers, Forming. E. W. Rugeley, T. A. Field, Jr., and J. F. Conlon. 2,353,270; July 11.
Synthetic linear condensation polyamides, Production of. P. Schlack. 2,356,702; Aug. 22.
Synthetic resin. L. A. Gruenwald. 2,338,429; Jan. 4.
Synthetic resin bushings, Forming. R. Pudelko. 2,343,205; Feb. 29.
Synthetic resins, Making. E. E. Novotny. 2,341,115; Feb. 8.
Synthetic rubber composition. C. F. Fryling. 2,360,864; Oct. 24.
Synthetic rubber, Processing. F. J. Myers. 2,360,150; Oct. 10.
Synthetic yarns and the like, Manufacture of. B. W. Collins. 2,359,749; Oct. 10.
Syphon construction. L. T. Ward. 2,345,081; Mar. 28.
Syphon, Firebox. T. H. Fawcett. 2,355,590; Aug. 8.
Syphon for the removal of welding fumes. F. Masowich. 2,361,861; Oct. 31.
Syringe, Anaesthetizing. A. E. Smith. 2,345,302; Mar. 28.
Syringe and ampoule. A. E. Smith. 2,345,301; Mar. 28.
Syringe, Hypodermic. A. E. Smith. 2,362,165; Nov. 7.
Syringe, Mouth spray. G. C. Reifsnyder. 2,355,012; Aug. 1.
Syringe needles, Locking guide on. F. V. Burke. 2,338,800; Jan. 11.
Syrup from fruit juice, Production of. S. Avis. 2,361,586; Oct. 31.
System and apparatus for detecting high and wide railroad cars and open top lading. G. E. Lauterbach. 2,366,152; Dec. 26.
System and apparatus for facsimile telegraphy. R. J. Wise and G. H. Ridings. 2,343,353; Mar. 7.
System and apparatus for facsimile telegraphy. R. J. Wise, G. H. Ridings, and R. D. Parrott. 2,365,741; Dec. 26.
System and apparatus for handling concrete. J. S. Franco. 2,357,583; Sept. 5.
System and apparatus for hemming sheets of fibrous material. R. E. Annis. 2,349,233; May 23.
System and means for transporting ships. S. Basile. 2,357,494; Sept. 5.
System for directive radiation of electromagnetic waves. H. Matsudaira. 2,349,976; May 30.
System for guiding mechanical sound records. A. W. DeSart, Sr., and F. F. Brush. 2,338,414; Jan. 4
System for indicating unbalance of cyclically moving bodies. A. G. Pekar. 2,348,922; May 16.
System for measuring force and acceleration. P. W. Nosker. 2,338,732; Jan. 11.
System for storage and utilization of fuel gases. A. N. Kerr. 2,351,131; June 13.
System for the artificial production of vocal or other sounds. H. W. Dudley. 2,339,465; Jan. 18.
System for the conversion and retransmission of control signals. R. R. Gose. 2,355,642; Aug. 15.
System of photography and projection in relief. D. Gabor. 2,351,032; June 13.
System of projecting pictures in stereoscopic relief. D. Gabor. 2,351,033; June 13.
Tab actuator. R. C. Angell. 2,349,332; May 23.
Tab, Locking. N. A. Ringholz. 2,361,124; Oct. 24.
Tab mounting variable resistor. N. C. Schellenger and W. H. Budd. 2,352,454; June 27.
Table: *See*—
Book lettering table.
Bowling score sheet table.
Combination table.
Concentrating table.
Discharge table.
Drafting table.
Extension leaf table.
Folding table.
Game or recreation table.
Ironing table.
Knockdown picnic table.
Lumber handling table.
Massage table.
Modeling table.
Paperhanger's table.
Rivet loading table.
Serving table.
Sewing machine table.
Skelter table.
Wheel handling tilt table.
Table. C. F. Creager. 2,364,604; Dec. 12.
Table. A. M. Mercur. 2,346,985; Apr. 18.
Table and bench construction, Combination. J. C. Higgins. 2,353,892; July 18.
Table attachment for milling machines, Rotary. W. Hoier. 2,365,078; Dec. 12.
Table attachment, over-bed. W. A. Hillenbrand. 2,352,837; July 4.
Table construction. N. H. Cederquist. 2,360,474; Oct. 17.
Table construction. W. A. Hillenbrand. 2,346,919; Apr. 18.
Table construction, Folding. S. Tave. 2,355,929; Aug. 15.
Table covering screen. M. A. Terrill. 2,341,672; Feb. 15.
Table device. A. T. Jory. 2,344,140; Mar. 14.
Table drive for machine tools. K. F. Gallimore. 2,343,504; Mar. 7.
Table drive for machine tools. K. F. Gallimore and G. Langen. 2,343,503; Mar. 7.
Table for fish dressing machines, Feeder. N. L. Oates. 2,346,935; Apr. 18.
Table for motor vehicles, Service. G. S. Laham. 2,357,668; Sept. 5.
Table leaf hinge. T. E. McFall. 2,358,174; Sept. 12.
Table leg mounting. N. Wasiewicz and S. B. Czarnecki. 2,338,790; Jan. 11.
Table leg mounting, Foldable. N. Wasiewicz and S. B. Czarnecki. 2,338,789; Jan. 11.
Table reciprocating mechanism, Hydraulic. C. G. Flygare. 2,365,811; Dec. 26.
Table signal. E. D. Foresman and C. Colovos. 2,339,471; Jan. 18.
Table-top construction. W. J. Weissert. 2,353,777; July 18.
Table top, Decorative. B. W. Rice. 2,365,005; Dec. 12.
Tablet, Mixing. R. R. Greene. 2,363,726; Nov. 28.
Tabular column leaf. W. Shaver. 2,345,861; Apr. 4.
Tabulating machine. W. W. Lasker, Jr. 2,360,610; Oct. 17.
Tabulating mechanism. H. T. Avery. 2,365,324; Dec. 19.
Tachometer, Generator-voltmeter. P. V. Koiff. 2,364,256; Dec. 5.
Tacker and stabilizer therefor. S. A. Crosby. 2,341,530; Feb. 15.
Tackle box and chair, Fishing. J. K. McDole. 2,357,214; Aug. 29.
Tag and sample holder, Combined. C. W. Walter. 2,340,719; Feb. 1.
Tag fastening device. D. M. Swett and S. E. Van Tuyl. 2,351,557; June 13.
Tag fixing and marking device, Garment. E. L. Bailey. 2,353,636; July 18.
Tag for animals, Ear. H. Monroe. 2,364,463; Dec. 5.

Tag marking machine. S. E. Van Tuyl. 2,343,721; Mar. 7.
Tag, Sealable. F. P. Valenti. 2,346,881; Apr. 18.
Tail piece for damper regulators, Retractible. A. E. Maage, Jr. 2,342,877; Feb. 29.
Tailstock. R. E. Flanders. 2,356,839; Aug. 29.
Tailstock center attachment for bench lathes. J. Koenig. 2,342,054; Feb. 15.
Tail wheel mounting. B. D. Maule. 2,344,157; Mar. 14.
Take-off and landing flap and control mechanism therefor, Combined. T. de Port. 2,360,333; Oct. 17.
Take-off and tensioning device for strand supplies. W. A. Heger. 2,346,917; Apr. 18.
Take-off mechanism for looms. J. D. Harris. 2,338,638; Jan. 4.
Take-up block. F. S. Zaica. 2,357,065; Aug. 29.
Take-up device, Cord or cable. H. H. Wehringer. 2,364,262; Dec. 5.
Take-up for cords or the like, Shortening. H. H. Wehringer. 2,351,379; June 13.
Take-up for looms. G. Crompton, Jr. 2,343,135; Feb. 29.
Take-up for looms. E. A. Santon. 2,346,615; Apr. 11.
Take-up mechanism. E. W. Larsen. 2,353,408; July 11.
Take-up mechanism, Quick. G. E. Dath. 2,347,889; May 2.
Tall oil, Refining of. J. D. Jenkins. 2,352,547; June 27.
Tall oil, Treatment of. R. G. Dressler and R. E. Vivian. 2,358,004; Sept. 12.
Tamale forming and wrapping machine, Automatic. C. T. Walter. 2,343,599; Mar. 7.
Tamper, screed and deflector construction for road finishing machines. H. H. Barber. 2,351,592; June 20.
Tamperproof container device. L. G. Stonebraker. 2,342,434; Feb. 22.
Tamping device. T. A. Blair. 2,353,990; July 18.
Tamping roller. M. E. Whiteman. 2,340,031; Jan. 25.
Tampon, Catamenial. A. B. Donovan. 2,340,311; Feb. 1.
Tandem axle vehicle. A. L. Ayers. 2,361,166; Oct. 24.
Tandem slider units. L. H. Morin. 2,365,578; Dec. 19.
Tandem two-cycle internal-combustion engine. J. Rupert. 2,358,660; Sept. 19.
Tandem wheel assembly. H. Hollmann and W. G. Van Voorhis. 2,362,068; Nov. 7.

Tank: *See*—
Airplane tank.
Armored tank.
Army tank.
Battle tank.
Collapsible fuel tank.
Developing tank.
Droppable gasoline tank.
Elevated steel tank.
Elevated tank.
Flush tank.
Gasoline reserve tank.
Hot water storage tank.
Knockdown tank.
Liquid storage tank.
Mill scale settling tank.
Oil settling tank.
Photographic tank.
Portable grain storage tank.
Pressure tank.
Radiator surge tank.
Safety fuel tank.
Self-sealing tank.
Septic tank.
Storage tank.
Treating tank.
Water measuring tank.

Tank. W. J. Bigley, Jr. 2,353,122; July 11.
Tank. W. L. Morrison. 2,343,315; Mar. 7.
Tank. R. M. Mullen. 2,358,022; Sept. 12.
Tank, and constructing and leakage testing the same, Lined. P. Gray. 2,346,423; Apr. 11.
Tank and support therefor, Horizontal. W. A. Sandberg. 2,359,683; Oct. 3.
Tank breather system, Vehicle fuel. B. Walker. 2,358,840; Sept. 26.
Tank cleaning device. W. E. Walker. 2,353,530; July 11.
Tank closure. D. F. Brawn. 2,346,723; Apr. 18.
Tank connection, Hot-water. E. R. Koppel. 2,353,477; July 11.
Tank construction. H. Hammeren. 2,351,509; June 13.
Tank construction, Hot water. W. G. Martin. 2,354,532; July 25.
Tank construction, Tapered. A. F. Meyer. 2,362,658; Nov. 14.
Tank discharge control means. F. A. Holby. 2,348,255; May 9.
Tank filler unit. A. B. Storey, Jr., and J. C. Duffendack, Jr. 2,340,286; Feb. 1.
Tank fitting. W. G. Martin. 2,354,533; July 25.
Tank fitting, Drain valve. F. J. Pepersack. 2,344,056; Mar. 14.
Tank float, Toilet flushing. J. C. Owens. 2,358,472; Sept. 19.
Tank for airplanes, Fuel. M. G. P. Pescara. 2,354,701; Aug. 1.
Tank for electrical condensers, Expansible. C. A. Trapp and B. Hansson. 2,347,976; May 2.
Tank for lift type gas holders. H. C. Brinkman. 2,340,831; Feb. 1.
Tank gauge. E. E. Jurs and J. J. Denham. 2,350,042; May 30.
Tank, Intersecting spherical pressure. J. O. Jackson and C. L. Stone. 2,341,044; Feb. 8.
Tank manufacture, Curved and tapered. A. F. Meyer. 2,362,657; Nov. 14.
Tank mounting. J. H. Turner. 2,357,148; Aug. 29.
Tank structure. J. O. Hamren. 2,359,758; Oct. 10.
Tank valve assembly. J. M. Roth and E. F. Wichorek. 2,345,547; Mar. 28.
Tank vehicle. R. J. Theriault. 2,340,628; Feb. 1.
Tank-wall temperature indicator. C. H. Walsh. 2,362,423; Nov. 7.
Tank-wall temperature indicator. C. H. Walsh. 2,363,711; Nov. 28.
Tanks and the like, Assembly of. R. Saulnier. 2,350,827; June 6.
Tanks, Forming. H. E. Schabacker. 2,348,696; May 9.
Tanks, Method and apparatus for filling portable. J. B. Haffner. 2,363,177; Nov. 21.
Tanks, Method of and apparatus for banding. J. M. Crom. 2,364,696; Dec. 12.
Tanning agents and making them. E. Schrim. 2,365,599; Dec. 19.
Tanning with D'-methoxy-D-hydroxymethyl diglycollic aldehyde. K. L. Howard. 2,351,338; June 13.
Tap and die holder. F. P. Kruse. 2,340,477; Feb. 1.
Tap and reamer wrench. B. J. Wiecsorek. 2,346,097; Apr. 4.
Tap construction. H. F. Bakewell. 2,343,632; Mar. 7.
Tap fitting for liquid containers and barrels or kegs. F. M. Spayd. 2,358,666; Sept. 19.
Tap supporting carriage for lathes. R. G. Le Tourneau and C. Graham. 2,344,622; Mar. 21.
Tap switch. R. H. Olson. 2,348,222; May 9.
Tapping machine. H. A. Wilson. 2,356,438; Aug. 22.
Taps, Manufacture of screw-threading. A. H. Lloyd. 2,346,851; Apr. 18.
Tape and label dispenser. A. Avrick. 2,361,730; Oct. 31.
Tape, Button and buttonhole. N. I. Fleischer. 2,364,062; Dec. 5.
Tape, Coated insulating. J. M. Coffey, J. J. Pickney, and R. L. Griffeth. 2,355,632; Aug. 15.
Tape, Composite. W. C. Protz. 2,354,702; Aug. 1.
Tape cutting machine. M. Schimmel. 2,354,293–4; July 25.
Tape directing device. G. Sim. 2,351,714; June 20.
Tape dispenser. T. W. Berridge. 2,364,051; Dec. 5.
Tape dispensing apparatus and moistening means therefor. T. R. Gautier. 2,352,150; June 20.
Tape dispensing container. W. F. Punte. 2,351,781; June 20.
Tape driving system for magnetic sound recording machines and the like. H. G. Tasker. 2,349,018; May 16.
Tape feed alarm. L. M. Potts. 2,351,229; June 13.
Tape feed-out arrangement, Reperforator. R. J. Anspach and W. B. Martin. 2,360,637; Oct. 17.
Tape, Handle forming. J. A. Young. 2,361,673; Oct. 31.
Tape lifting device and spindle brake mechanism. L. Provencher. 2,339,190; Jan. 11.
Tape, Measuring. A. W. Keuffel and G. L. Henzel. 2,354,756; Aug. 1.
Tape or bandage, Binding. N. L. Hall. 2,353,332; July 11.
Tape perforating system. W. E. Walker. 2,352,925; July 4.
Tape, Pressure sealing paper. G. Schleman. 2,358,831; Sept. 26.
Tape-serving mechanism. A. P. Krueger. 2,365,477; Dec. 19.
Tape-serving mechanism. A. P. Krueger and M. J. West. 2,350,281; May 30.
Tape time recorder with differentiated records. H. N. Deane and J. A. Dell. 2,359,207; Sept. 26.
Tape, Waterproof. F. N. Manley and E. P. Wenzelberger. 2,340,971; Feb. 8.
Tape winding machine, Portable cable. M. J. Crass. 2,361,014; Oct. 24.
Taping machine. A. F. Shields. 2,362,413; Nov. 7.
Taping tool. H. D. Allen. 2,339,235; Jan. 18.
Taper boring tool. M. Reeve. 2,357,132; Aug. 29.
Taper control, Variable. M. H. English. 2,359,901; Oct. 10.
Taper preventing photoelectric cell device. B. S. McLaughlin, Jr., and J. H. Zyerveld. 2,343,785; Mar. 7.
Taper turning apparatus. W. F. Groene and H. C. Kemper. 2,354,372; July 25.
Tapered bushing and removing the same. L. S. Hamer. 2,348,293; May 9.
Tapered stock, Manufacture of. G. B. Coe. 2,349,246; May 23.
Tapering ends of tubular objects. Q. E. Bashore. 2,348,186; May 9.
Tappet. J. E. Fisk. 2,365,401; Dec. 19.
Tappet construction. C. Voorhies. 2,356,900; Aug. 29.
Tappet, Valve. A. B. Buckley. 2,339,238; Jan. 18.
Tar product. D. W. Parkes. 2,340,847; Feb. 1.
Target carrier. F. E. McAvoy. 2,344,529; Mar. 21.
Target, Illuminated tow. A. D. Dircksen. 2,342,651; Feb. 29.
Target, Sectional. C. A. Waldmann. 2,362,513; Nov. 14.
Teaching reading, Method and apparatus for. U. W. Leavell. 2,357,593; Sept. 5.
Teaching time. M. G. McGowan. 2,354,978; Aug. 1.
Teapot assembly. D. R. Mattoon. 2,343,017; Feb. 29.
Tear testing apparatus for rubber stock. F. A. Martin. 2,340,401; Feb. 1.
Tearing strip can. E. A. Mignacco. 2,346,385; Apr. 11.
Teasel gig. W. N. Hadley. 2,363,414; Nov. 21.
Teat cup inflation. L. F. Bender. 2,340,295–6; Feb. 1.
Teeth for drill cutters. F. L. Scott. 2,363,202; Nov. 21.

Teeth for well drills, Cutting. F. L. Scott. 2,340,492; Feb. 1.
Teeth, Forming artificial. H. M. Thornton. 2,345,305; Mar. 28.
Teeth selection rim, Artificial. A. F. Lays. 2,343,777; Mar. 7.
Telautograph. K. Küpfmüller and K. Reche. 2,338,949; Jan. 11.
Telefacsimile system. A. G. Cooley. 2,341,315; Feb. 8.
Telegraph apparatus. J. W. Long. 2,351,137; June 13.
Telegraph apparatus. F. J. Maus and S. W. Rothermel. 2,341,935; Feb. 15.
Telegraph apparatus. F. J. White and G. H. Ridings. 2,358,117; Sept. 12.
Telegraph apparatus, Automatic. R. Hadekel. 2,361,766; Oct. 31.
Telegraph apparatus, Printing. B. F. Madsen. 2,338,122; Apr. 4.
Telegraph circuits, Supervisory system for. R. B. Hearn. 2,365,816; Dec. 26.
Telegraph exchange system, Through and inward. R. S Bailey. 2,345,316; Mar. 28.
Telegraph key. H. E. Tromholt. 2,350,481; June 6.
Telegraph mechanism. J. W. Long. 2,345,137; Mar. 28.
Telegraph printer. C. J. Fitch and K. R. Schneider. 2,340,803–4; Feb. 1.
Telegraph printer. L. M. Potts. Re. 22,550; Sept. 26.
Telegraph recorder control. W. M. Bacon. 2,361,004; Oct. 24.
Telegraph recorder control. C. W. Lucek. 2,361,696; Oct. 31.
Telegraph repeater concentration group cord and attendant's circuit, Inverse neutral. W. V. K. Large, C. W. Lusek, and T. A. Marshall. 2,352,272; June 27.
Telegraph repeater hub circuit, Inverse neutral. G. C. Cummings. 2,347,813; May 2.
Telegraph repeater, Regenerative. W. B. Martin. 2,357,840; Sept. 12.
Telegraph signal distortion measuring circuit. W. Y. Lang. 2,340,224; Jan. 25.
Telegraph signal translating system. L. M. Potts. 2,348,146; May 2.
Telegraph signal transmitter for sending shaped impulses. W. Y. Lang. 2,341,996; Feb. 15.
Telegraph signaling system. E. H. Weber, Jr. 2,358,610; Sept. 19.
Telegraph signals, Correction of distorted. H. Nyquist. 2,345,881; Apr. 4.
Telegraph signals, Storing. H. Angel. 2,350,382; June 6.
Telegraph storage and switching system. G. G. Light. 2,339,999; Jan. 25.
Telegraph switching system. A. J. Doré. 2,365,750; Dec. 26.
Telegraph switching system, Satellite. R. S. Bailey. 2,345,317; Mar. 28.
Telegraph switching system, Satellite office. W. V. K. Large. 2,356,067; Aug. 15.
Telegraph system. W. M. Bacon. 2,340,576; Feb. 1.
Telegraph system. W. M. Bacon. 2,364,417; Dec. 5.
Telegraph system. H. M. Bascom. 2,353,004; July 4.
Telegraph system. F. S. Kinkead. 2,360,878; Oct. 24.
Telegraph system. W. Y. Lang. 2,340,065; Jan. 25.
Telegraph system. F. P. Mason. 2,354,534; July 25.
Telegraph system. A. G. Miller. 2,350,180; May 30.
Telegraph system. E. Reisz. 2,360,719; Oct. 17.
Telegraph system. B. D. Willis. 2,361,342; Oct. 24.
Telegraph system and printing apparatus. L. M. Potts. 2,360,580; Oct. 17.
Telegraph system and apparatus. P. Holcomb, Jr. 2,343,297; Mar. 7.
Telegraph system, Answer-back. R. T. Hamlett. 2,344,142; Mar. 14.
Telegraph system, Carrier current. W. A. Phelps. 2,347,332; Apr. 25.
Telegraph system, Facsimile. L. A. Smith. 2,363,270; Nov. 21.
Telegraph system, Multichannel. O. E. Pierson. 2,345,628; Apr. 4.
Telegraph system, Multiplex. L. M. Potts. 2,339,804; Jan. 25.
Telegraph system, Printing. E. M. Deloraine. 2,365,458; Dec. 19.
Telegraph transmitter. A. H. Ritber. 2,339,293; Jan. 18.
Telegraph transmitter. O. Steiner. 2,352,031; June 20.
Telegraphic auction system. C. A. Borgeson. 2,350,146; May 30.
Telegraphic receiving perforator. H. Wüsteney and E. Löhken. 2,352,060; June 20.
Telegraphone. R. M. Somers. 2,364,556; Dec. 5.
Telegraphy. L. M. Potts. 2,339,292; Jan. 18.
Telegraphy, Keyboard. L. M. Potts. 2,360,579; Oct. 17.
Telegraphy, System and apparatus for facsimile. G. H. Ridings. 2,356,116; Aug. 15.
Telemetering apparatus. W. Leathers and H. Panissidi. 2,344,254; Mar. 14.
Telemetering instrument. J. M. Naul. 2,365,430; Dec. 19.
Telemetric system. J. C. Peters and I. M. Stein. 2,362,661; Nov. 14.
Telemotor system. C. F. Binder. 2,348,323; May 9.
Telephone and telegraph system, Two-way. J. E. Smith. 2,352,918; July 4.
Telephone booth. F. S. Corso. 2,349,144; May 16.
Telephone booth. F. A. Kuntz. 2,345,705; Apr. 4.
Telephone booth. F. A. Kuntz. 2,353,046; July 4.
Telephone broadcast system. C. S. Rhoads. 2,358,594; Sept. 19.
Telephone-call tally apparatus. E. G. Johnson. 2,342,348; Feb. 22.
Telephone call transmitter. H. W. Goff, C. R. Moore, and O. L. Walter. 2,359,841; Oct. 10.
Telephone calling system, Automatic. M. Samburg and E. Amatnick. 2,348,758; May 16.
Telephone circuit. F. J. Given. 2,341,711; Feb. 15.
Telephone cord connecting block. G. Deakin. 2,344,766; Mar. 21.
Telephone dial system, Automatic. J. Lobel. 2,363,428; Nov. 21.
Telephone dials, etc., Illuminating. H. E. Chapman. 2,365,864; Dec. 26.
Telephone electrical circuit control system. D. A. Robbins. 2,363,145; Nov. 21.
Telephone handset. E. S. McLarn. 2,359,570; Oct. 3.
Telephone handset hanger. D. H. King. 2,339,413; Jan. 18.
Telephone housing detail. H. I. Beardsley. 2,348,592; May 9.
Telephone instrument circuit. E. Frydman. 2,350,604; June 6.
Telephone intercept system. W. T. Powell. 2,344,634; Mar. 21.
Telephone line circuit. M. B. Staszak. 2,344,653; Mar. 21.
Telephone measuring system. H. I. MacKen. 2,350,177; May 30.
Telephone or like impulsing system. D. A. Christian. 2,358,145; Sept. 12.
Telephone or like system. D. A. Christian and D. L. Clay. 2,350,589; June 6.
Telephone or like system. C. Gillings and L. J. Murray. 2,355,431; Aug. 8.
Telephone receiver. N. Baldwin. 2,343,859; Mar. 14.
Telephone set. S. T. Curran. 2,338,757; Jan. 11.
Telephone set. O. A. Shann. 2,351,459; June 13.
Telephone set. O. A. Shann. 2,361,880; Oct. 31.
Telephone set, Head. S. E. Werner. 2,360,027; Oct. 10.
Telephone signaling system. H. M. Bascom and F. A. Hubbard. 2,364,771; Dec. 12.
Telephone substation. C. S. Rhoads. 2,353,785; July 18.
Telephone substation apparatus. E. Bertalen and D. M. Taggart. 2,343,442; Mar. 7.
Telephone substation apparatus. L. W. Carroll. 2,356,031; Aug. 15.
Telephone substation ringer. F. J. Stehlik and F. Schumann. 2,363,095; Nov. 21.
Telephone support. F. A. Latus and W. H. Lehrfeld. 2,348,138; May 2.
Telephone system. G. T. Baker. 2,364,685; Dec. 12.
Telephone system. H. W. Balzer. 2,353,212; July 11.
Telephone system. J. Baumfalk. 2,338,752; Jan. 11.
Telephone system. L. M. Blessing. 2,345,959; Apr. 4.
Telephone system. D. A. Christian and B. A. Hensler. 2,339,376; Jan. 18.
Telephone system. D. L. Clay. 2,341,693; Feb. 15.
Telephone system. T. F. Crocker. 2,359,625–6; Oct. 3.
Telephone system. R. C. Davis and W. H. Matthies. 2,362,619; Nov. 14.
Telephone system. J. W. Dehn. 2,355,207; Aug. 8.
Telephone system. J. W. Dehn. 2,355,908; Aug. 15.
Telephone system. W. H. Edwards. 2,341,027; Feb. 8.
Telephone system. K. L. Frederick. 2,346,915; Apr. 18.
Telephone system. M. C. Goddard. 2,355,215; Aug. 8.
Telephone system. B. D. Holbrook. 2,356,846; Aug. 29.
Telephone system. F. A. Hubbard. 2,341,919; Feb. 15.
Telephone system. F. A. Hubbard. 2,363,671; Nov. 28.
Telephone system. F. A. Hubbard. 2,364,445; Dec. 5.
Telephone system. A. E. Joel, Jr. 2,351,766; June 20.
Telephone system. F. Kessler. 2,352,107; June 20.
Telephone system. F. Kessler. 2,358,013; Sept. 12.
Telephone system. R. E. King and O. R. Miller. Re. 22,440–1; Feb. 22.
Telephone system. J. Levy, R. M. Moore and H. Haves. 2,344,623; Mar. 21.
Telephone system. B. F. Lewis and W. A. Malthaner. 2,358,237; Sept. 12.
Telephone system. C. E. Lomax. Re. 22,442; Feb. 22.
Telephone system. C. E. Lomax. 2,348,301; May 9.
Telephone system. C. E. Lomax. 2,358,017; Sept. 12.
Telephone system. M. B. McDavitt. Re. 22,475; May 9.
Telephone system. J. B. McKim. Re. 22,476; May 9.
Telephone system. J. M. Mellck. 2,349,669; May 23.
Telephone system. I. Molnar. 2,361,313; Oct. 24.
Telephone system. I. Molnar. 2,361,314; Oct. 24.
Telephone system. D. L. Moody, N. D. Newby, and F. F. Shipley. Re. 22,462; Mar. 28.
Telephone system. W. J. Muldoon and H. T. Stenhammer. 2,358,529; Sept. 19.
Telephone system. J. E. Ostline. 2,339,709; Jan. 18.
Telephone system. J. E. Ostline. 2,352,492; June 27.
Telephone system. O. A. Pearce and S. H. Oliver 2,358,185; Sept. 12.
Telephone system. E. S. Peterson. 2,340,554; Feb. 1.
Telephone system. S. E. Peterson. 2,340,555; Feb. 1.
Telephone system. S. E. Peterson and V. A. Johnson. 2,341,879; Feb. 15.
Telephone system. C. F. Seibel. 2,351,551; June 13.
Television system. R. E. Shelby. 2,359,449; Oct. 3.

Telephone system. R. Taylor and G. T. Baker. 2,341,746; Feb. 15.
Telephone system. G. W. Thompson. 2,339,438; Jan. 18.
Telephone system. B. Vander Els. 2,358,267; Sept. 12.
Telephone system. P. W. Wadsworth. 2,360,291; Oct. 10.
Telephone system. J. G. Walsh. 2,355,251; Aug. 8.
Telephone system. F. H. Wiegand. 2,360,749; Oct. 17.
Telephone system and apparatus. B. D. Willis. 2,345,167; Mar. 28.
Telephone system, Automatic. G. R. Eaton. Re. 22,505; June 27.
Telephone system, Automatic. G. R. Eaton. 2,351,808; June 20.
Telephone system, Automatic. A. E. Joel, Jr. 2,364,146; Dec. 5.
Telephone system, Auxiliary. C. S. Rhoads. 2,350,193; May 30.
Telephone system employing phonographs, Private branch exchange. H. R. Van Deventer. 2,340,160; Jan. 25.
Telephone system, Pay station. C. E. Brooks and E. W. Flint. 2,357,576; Sept. 5.
Telephone system, Private branch exchange automatic. P. Bakker. 2,365,996; Dec. 26.
Telephone system trouble recorder. G. V. King and O. Myers. 2,350,466; June 6.
Telephone transmitter circuit. R. N. Harmon. 2,338,512; Jan. 4.
Telescopic box. M. I. Williamson. 2,361,984; Nov. 7.
Telescopic container. M. I. Williamson. 2,354,239; July 25.
Telescopic jack structure. D. R. Merchant. 2,364,741; Dec. 12.
Telescopic sight mount for firearms. C. Kesselring. 2,350,169; May 30.
Telescope sight mounting. A. Sorensen. 2,365,976; Dec. 26.
Telescriber. W. A. Lauder and E. F. Cahoon. 2,355,087; Aug. 8.
Teletypewriter cord circuit. C. A. Dahlbom, F. S. Kinkead, and G. A. Locke. 2,360,040; Oct. 10.
Teletypewriter exchange system. F. S. Kinkead and C. W. Lueck. 2,340,599; Feb. 1.
Teletypewriter pay station circuit. W. Y. Lang and F. J. Singer. 2,352,271; June 27.
Teletypewriter recording system. P. J. Rank. 2,358,593; Sept. 19.
Teletypewriter switching system. R. J. Anspach. 2,345,912; Apr. 4.
Teletypewriter switching system pay station. W. Y. Lang and F. J. Singer. 2,345,851; Apr. 4.
Teletypewriter system. W. B. Martin and R. H. Weinmann. 2,360,702; Oct. 17.
Teletypewriter system. D. B. Perry. 2,350,186; May 30.
Television. D. P. Doncaster. 2,339,256; Jan. 18.
Television and other transmissions. L. A. Collins. 2,344,199; July 25.
Television apparatus. V. J. Duke. 2,353,018; July 4.
Television apparatus. A. N. Goldsmith. 2,354,591; July 25.
Television apparatus. E. I. Harman. 2,350,889; June 6.
Television apparatus. H. De McCollum. 2,346,499; Apr. 11.
Television broadcasting system. A. V. Loughren. 2,343,561; Mar. 7.
Television images, Producing. H. Strubig. 2,351,889; June 20.
Television method and system. H. de France. 2,356,568; Aug. 22.
Television pickup tube. A. V. Bedford. 2,339,833; Jan. 25.
Television pickup tube. G. A. Morton and L. E. Flory. 2,344,282; Mar. 28.
Television power supply. G. M. Daly. 2,362,358; Nov. 7.
Television receiver. R. S. Holmes. 2,339,856; Jan. 25.
Television receiver. F. Okolicsanyi. 2,349,298; May 23.
Television receiver. W. A. Tolson. 2,358,544; Sept. 19.
Television signal control circuit. R. E. Rutherford, and R. L. Campbell. 2,346,509; Apr. 11.
Television signal-translating apparatus. J. A. Rado. 2,341,064; Apr. 18.
Television signal translating circuit. R. B. Dome. 2,363,299; Nov. 21.
Television system. A. N. Goldsmith. 2,359,637; Oct. 3.
Television system. H. E. Kallmann. 2,350,902; June 6.
Television system. L. Moffett. 2,363,800; Nov. 28.
Television system. R. E. Shelby. 2,355,566; Aug. 8.
Television system. K. R. Wendt. 2,339,536; Jan. 18.
Television system. K. R. Wendt. 2,358,545; Sept. 19.
Television system, Color. G. L. Beers. 2,351,760; June 20.
Television toy. A. Morch. 2,362,214; Nov. 7.
Television transmitter. G. K. Teal. 2,339,662; Jan. 18.
Television transmitting system. A. N. Goldsmith. 2,344,695; Mar. 21.
Television transmitting system. R. D. Kell. 2,342,943; Feb. 29.
Television viewing screen. O. H. Schade. 2,351,294; June 13.
Temperature bearing, Controlled. G. H. Kendall. 2,352,206; June 27.
Temperature changing device. G. D. Arnold. 2,363,282; Nov. 21.
Temperature compensated strain gauge. A. C. Ruge. 2,344,642; Mar. 21.
Temperature compensating accumulator for hydraulic systems. H. R. Ellinwood. 2,352,187; June 27.
Temperature compensation for direct current telemeters. F. R. Sias. 2,343,159; Feb. 29.
Temperature compensation means for pressure actuated indicators. A. E. Sidwell. 2,347,134; Apr. 18.
Temperature compensator for inductance coils. E. O. Thompson. 2,352,458; June 27.
Temperature condensation for direct current telemeters. F. R. Sias. 2,350,835; June 6.
Temperature control apparatus. A. F. Schumann and A. J. Turpin. 2,360,167; Oct. 10.
Temperature control circuit. F. G. Boucher. 2,356,206; Aug. 22.
Temperature control for aircraft instruments. E. A. Ryder. 2,365,843; Dec. 26.
Temperature control, Molten metal for. W. R. Tucker. 2,338,691; Jan. 4.
Temperature control of catalytic converters. N. W. Wroby. 2,355,938; Aug. 15.
Temperature control of heat transfer surfaces. P. H. Karlsson and E. A. Lundstrom. 2,363,870; Nov. 28.
Temperature control system. W. F. Bixby. 2,347,763; May 2.
Temperature control system. A. H. Koch. 2,353,042; July 4.
Temperature control unit, Liquid. F. W. A. Henrici. 2,355,975; Aug. 15.
Temperature control system for electric heating devices. W. K. Kearsley. 2,354,918; Aug. 1.
Temperature controlling and indicating system, Resistance type. D. N. Crosthwait and E. W. Werts. 2,362,977; Nov. 21.
Temperature controlling device, Fluid. J. C. Shaw. 2,359,448; Oct. 3.
Temperature determination. B. A. Rogers. 2,359,794; Oct. 10.
Temperature in exothermic chemical reactions, Controlling. S. B. Sweetser. 2,353,600; July 11.
Temperature indicator. P. L. Mardis. 2,350,911; June 6
Temperature indicator. R. R. Pittman. 2,350,637; June 6.
Temperature indicator. F. R. Sias. 2,354,555; July 25.
Temperature indicator. F. R. Sias. 2,257,140; Aug. 29.
Temperature measuring apparatus. A. J. Hornfeck. 2,350,329; June 6.
Temperature measuring apparatus. E. M. Smith. 2,339,116; Jan. 11.
Temperature measuring device. E. A. Keller. 2,349,436; May 23.
Temperature measuring device. J. D. O'Brien. 2,356,607; Aug. 22.
Temperature measuring instrument. C. B. Moore. 2,359,141; Sept. 26.
Temperature measuring instrument. H. A. Woolman. 2,339,127; Jan. 11.
Temperature reaction and furnace therefor, High. F. Roper-Lowe and R. Sandison. 2,357,135; Aug. 29.
Temperature regulated electronic apparatus. G. L. Graveson and C. R. Keith. 2,364,136; Dec. 5.
Temperature regulator. J. V. Giesler. 2,353,889; July 18.
Temperature regulator for internal-combustion engines. C. E. Henkelman. 2,353,337; July 11.
Temperature-responsive control mechanism, especially for refrigerating apparatus. P. Pfaff and H. Benkert. 2,356,612; Aug. 22.
Temperature responsive device. J. G. Booth and L. Geas. 2,345,175; Mar. 28.
Temperature responsive device. S. G. Eskin. 2,366,091; Dec. 26.
Temperature responsive device. R. P. Mattern. 2,363,075; Nov. 21.
Temperature-responsive telemetering transmitter. C. F. Wallace. 2,359,812; Oct. 10.
Temperatures, Production of low. H. L. Wikoff. 2,342,991; Feb. 29.
Tempering appsratus for refrigerated air. R. T. Palmer. 2,340,252; Jan. 25.
Tempering means for building units, Fresh-air. E. D. Robertson. 2,355,469; Aug. 8.
Temporary emergency seal for punctured containers. C. D. Becker. 2,357,804; Sept. 12.
Temporary fastener. R. W. Edwards. 2,343,499; Mar. 7.
Tensile machine. M. J. Manjoine, and A. Nadai. 2,346,981; Apr. 18.
Tensiometer. H. D. Giffen. 2,362,626; Nov. 14.
Tensiometer. G. P. Lessmann. 2,340,067; Jan. 25.
Tensiometer. G. P. Lessmann and P. C. Lottes. 2,345,132; Mar. 28.
Tensiometer. H. J. Sang. 2,350,419; June 6.
Tension control, Automatic. W. B. Heinz. 2,343,181; Feb. 29.
Tension control device. T. J. Aamland and N. H. Curtiss. 2,338,276; Jan. 4.
Tension control for paper rolls and the like. J. E. McMullen and C. Stenger. 2,361,856; Oct. 31.
Tension controlling apparatus. G. E. Henning, O. G. Nelson, and J. A. Wagner. 2,338,848; Jan. 11.
Tension controlling apparatus. M. Michel. 2,345,765; Apr. 4.

Tension device for yarn winding machines. J. E. Higgins. 2,339,854; Jan. 25.
Tension drive, Constant. E. J. Otto. 2,346,047; Apr. 4.
Tension indicating wrench. A. H. Lockheed. 2,365,419; Dec. 19.
Tension indicator and control. H. E. Reichert. 2,348,695; May 9.
Tension mechanism. C. S. Caffrey. 2,366,143; Dec. 26.
Tension member, Flexible. D. C. Kitselman. 2,352,391; June 27.
Tension measuring device. M. P. Lebourg. 2,353,249; July 11.
Tension, Process and apparatus for controlling. L. S. Fryer and L. E. Lovett. Re. 22,474; May 9.
Tensioning device for winding machines. M. J. Kirk. 2,363,677; Nov. 28.
Tent. I. Kantor. 2,350,684; June 6.
Tent, Sleeping. J. Bowen. 2,345,377; Mar. 28.
Tentering clip chain. G. W. Lane. 2,365,885; Dec. 26.
Tentering machine. F. G. Dodge and W. K. McFarland 2,338,167; Jan. 4.
Tentering machine. J. Kreeft. 2,352,902; July 4.
Terminal. E. G. J. Pederquist. 2,364,095; Dec. 5.
Terminal, Clamp and contact. C. W. Spence. 2,359,256; Sept. 26.
Terminal clip. V. M. Perreca. 2,360,974; Oct. 24.
Terminal for electric switches. H. L. Bradley and H. Petersen. 2,342,177; Feb. 22.
Terminal for vacuum-type furnaces. H. S. Cooper. 2,351,490; June 13.
Terminal structure. R. E. Brodie. 2,352,159; June 27.
Terminal structure, Leakproof. R. W. De Monte and L. E. Milarta. 2,356,831; Aug. 29.
Terminal to wire segments, Applying. K. H. Andren. 2,340,448; Feb. 1.
Terminator. W. O. Hampton. 2,364,071; Dec. 5.
Terminator. W. A. Tripp. 2,355,403; Aug. 8.
Termite controlling building construction. J. W. Gunn. 2,347,776; May 2.
Terpene alcohols, Treatment of. R. F. B. Cox. 2,361,532; Oct. 31.
Terpene compound. J. N. Borglin. 2,338,797–8; Jan. 11.
Terpene compound, Esters of. J. N. Borglin. 2,347,929; May 2.
Terpene compounds, Synthesis of. D. H. Sheffield. 2,347,337; Apr. 25.
Terpene derivative. E. Ott. 2,344,831; Mar. 21.
Terpene derivative. A. L. Rummelsburg. 2,340,901; Feb. 8.
Terpene derivative. A. L. Rummelsburg. 2,344,833; Mar. 21.
Terpene derivative. A. L. Rummelsburg. 2,354,774; Aug. 1.
Terpene derivatives. A. L. Rummelsburg. 2,339,818; Jan. 25.
Terpene derivatives. A. L. Rummelsburg. 2,341,294; Feb. 8.
Terpene derivatives. A. L. Rummelsburg. 2,348,575; May 9.
Terpene ether. J. N. Borglin. 2,350,147; May 30.
Terpene products, Stabilization of. E. J. Lorland. 2,338,772; Jan. 11.
Terpene products, Stabilization of. A. L. Rummelsburg. 2,339,429; Jan. 18.
Terpene resin. E. Ott. 2,348,565; May 9.
Terpene resin. A. L. Rummelsburg. 2,351,786; June 20.
Terpene resin. A. L. Rummelsburg. 2,354,775–6; Aug. 1.
Terphenyls, Isomerisation of. R. D. Swisher. 2,363,209; Nov. 21.
Terracing machine, Side disk. H. Hollis. Re. 22,471; Apr. 18.
Test core drill. C. T. Eakin. 2,359,091; Sept. 26.
Test method and apparatus therefor. E. D. Coleman. 2,343,885; Mar. 14.
Test signal transmitter. L. M. Potts. 2,353,584; July 11.
Test system. M. A. Edwards, D. E. Garr and B. S. Weaver. 2,347,037; Apr. 18.
Tester, Aptitude. H. W. Wickes. 2,341,678; Feb. 15.
Tester, Automatic density. J. J. Elias. 2,357,639; Sept. 5.
Tester, Condenser. M. W. Gaiser. 2,362,691; Nov. 14.
Tester, Hardness. S. W. Lyon and F. C. Huyser. 2,365,348; Dec. 19.
Tester, Impact. H. L. MacBride. 2,359,044; Sept. 26.
Tester, Torque. E. H. Crippa. 2,348,175; May 2.
Testing and signaling system. W. H. T. Holden. 2,338,642; Jan. 4.
Testing and working fixture, Combined. S. G. Johansson. 2,365,273; Dec. 19.
Testing apparatus. O. H. Basquin. 2,363,930; Nov. 28.
Testing apparatus. H. F. Fruth. 2,360,944; Oct. 24.
Testing apparatus. T. Zuschlag. 2,338,793; Jan. 11.
Testing apparatus, Wire. R. L. Reading. 2,338,202; Jan. 4.
Testing arrangement for telegraph circuits. J. S. Soderholm and C. Breen. 2,347,518; Apr. 25.
Testing device. C. Chedister. 2,341,312; Feb. 8.
Testing device. C. A. Johnson. 2,339,571; Jan. 18.
Testing device, Bearing. P. W. McCormack. 2,364,229; Dec. 5.
Testing device for ignition systems. M. P. McCarty. 2,339,713; Jan. 18.
Testing instrument, Hardness. E. O. Bernhardt and W. Bischoff. 2,355,411; Aug. 8.
Testing machine. D. B. Brownlow. 2,352,161; June 27.
Testing machine. M. W. Gaiser. 2,357,512; Sept. 5.
Testing machine, Hardness. L. P. Podesta. 2,338,537; Jan. 4.
Testing machine, Hydraulic. A. E. Webb. 2,354,562; July 25.
Testing machine, Radio interference. W. A. Smith and C. J. Miller, Jr. 2,348,167; May 2.
Testing materials. T., and A. V. De Forest. 2,365,553; Dec. 19.
Testing materials. G. Keinath. 2,356,763; Aug. 29.
Testing materials for surface defects. G. A. Jebens, R. H. Snell, R. L. Heath, G. A. Fisher, Jr., D. R. Scott, and G. H. Mouw, Jr. 2,359,114; Sept. 26.
Testing, Method and apparatus for. M. Knobel, J. B. Dickson and J. W. Baymiller. 2,349,736; May 23.
Testing rigid articles for flaws. T. de Forest. 2,340,940; Feb. 8.
Testing system. B. McKim. 2,344,316; Mar. 14.
Tethering post. C. J. Cawley. 2,360,199; Oct. 10.
Tetone acids and their salts, Preparing. F. Grandel. 2,356,581; Aug. 22.
Tetra-acetals of glyoxal, Making. L. G. MacDowell and R. W. McNamee. 2,360,957; Oct. 24.
Tetra-acetals of glyoxal, Making. L. G. MacDowell and R. W. McNamee. 2,360,959; Oct. 24.
Tetrachloride, Purification of titanium. W. F. Meister. 2,344,819; Mar. 14.
Tetrachloro fluorotoluene. B. B. Biggs. 2,361,590; Oct. 31.
Tetracyclic ketones. L. Ruzicka and M. W. Goldberg. 2,351,637; June 20.
Tetra-substituted ethylenes, Production of. F. H. Tendick. 2,340,770; May 23.
Text and practice book, Shorthand. S. T. Bell. 2,360,328; Oct. 17.
Text or work book and binder, Folding pocket. J. G. Stradling and L. F. Hance. 2,354,782; Aug. 1.
Textile and paper industries, Resin dispersion useful in the. J. E. Smith. 2,343,095; Feb. 29.
Textile and producing the same, Water repellent. O. Edelstein. 2,361,830; Oct. 31.
Textile apparatus. A. Mellor and R. J. Mann. 2,364,157; Dec. 5.
Textile article treating apparatus. C. F. Meyer. 2,358,344; Sept. 19.
Textile decorating compositions. C. M. Marberg and E. K. Fischer. 2,364,738; Dec. 12.
Textile drafting mechanism. B. C. Shaw. 2,350,254; May 30.
Textile fabric, Preparing. W. Whitehead. 2,338,792; Jan. 11.
Textile fabrics, Method and apparatus for modifying. F. C. Wedler. 2,343,351; Mar. 7.
Textile fiber and producing. J. G. Little. 2,343,308; Mar. 7.
Textile fiber and producing. J. G. Little. 2,348,552; May 9.
Textile fiber, Coloring of. J. W. Libby, Jr. 2,363,537; Nov. 28.
Textile fibers, Dyeing of. C. C. Wilcock. 2,347,143; Apr. 18.
Textile finishing. J. T. Thurston. 2,357,273; Aug. 29.
Textile machines, Stop means for. C. B. Hayes and H. H. Thorpe. 2,366,105; Dec. 26.
Textile material. A. S. Bell and W. C. Angus. 2,352,244; June 27.
Textile material. W. Whitehead. 2,342,231; Feb. 22.
Textile material and the production thereof. A. S. Bell and W. C. Angus. 2,352,245; June 27.
Textile materials, Improving the fastness to washing of dyed cellulosic. J. H. MacGregor. 2,362,915; Nov. 14.
Textile materials, Treatment of. H. Corteen. 2,359,086; Sept. 26.
Textile materials, Treatment of. R. J. Mann, R. Martin, and W. Palmer. 2,344,557; Mar. 21.
Textile materials, Treatment of. G. Widmer and W. Fisch. 2,350,139; May 30.
Textile materials, Treatment of woolen. E. P. Johnstone, Jr. Re. 22,566; Nov. 21.
Textile press timer. B. J. Yanchenko. 2,346,244; Apr. 11.
Textile printing composition. N. S. Cassel. 2,361,454; Oct. 31.
Textile printing method. W. B. Reynolds and S. A. Scully. 2,349,561; May 23.
Textile printing rolls, Engraving. J. J. Ormond. 2,346,231; Apr. 11.
Textile process and product. R. N. Foster. 2,365,402; Dec. 19.
Textile product. T. Jackson, D. Finlayson, and T. B. Frearson. 2,346,759; Apr. 18.
Textile shuttles, Lining for. S. Seymour. 2,343,659; Mar. 7.
Textile spool. G. W. Steinhilber. 2,347,376; Apr. 25.
Textile treatment. R. W. Maxwell. 2,358,871; Sept. 26.
Textile treatment. P. S. Pinkney. 2,350,188; May 30.
Textile treatment process. R. W. Maxwell. 2,343,920; Mar. 14.
Textile webbing. J. A. Hendley. 2,358,638; Sept. 19.
Textile yarn, Manufacturing. H. Frey. 2,361,999; Nov. 7.

Textiles and apparatus therefor, Treating. H. O. Kauffmann. 2,357,262; Aug. 29.
Textiles and composition useful therefor, Treatment of. J. E. Smith. 2,343,089–94; Feb. 29.
Textiles, Coloring. N. S. Cassel. 2,342,641; Feb. 29.
Textile, Printing. W. L. Morgan. 2,342,885; Feb. 29.
Textiles, Softening. J. Link and G. Jaccard. 2,359,043; Sept. 26.
Textiles, Treating. G. E. Dunn. 2,350,021; May 30.
Textiles with alkyd resin emulsions, Finishing. D. W. Light and A. D. Nute. 2,357,526; Sept. 5.
Textiles with pigments, Coloring. N. S. Cassel. 2,342,642; Feb. 29.
Textiles with pigments, Printing. W. L. Morgan and N. L. Vaughn. 2,346,041; Apr. 4.
Theater seat. I. R. Bromagem. 2,347,931; May 2.
Theodolite. H. R. Larsen and J. B. Sonderman. 2,343,877; Nov. 28.
Therapeutic agent for the treatment of hypertension. H. M. Rabinowitz. 2,363,549; Nov. 28.
Therapeutic agents, Stabilised. W. F. Hamilton, M. F. George, Jr., and E. Simon. 2,361,624; Oct. 31.
Therapeutic arsenic preparation. R. Hopkinson and A. V. Tolstoouhov. 2,349,729; May 23.
Therapeutic composition. C. C. Johnson. 2,356,062; Aug. 15.
Therapeutic confection. W. J. Hale. 2,341,986; Feb. 15.
Therapeutic device. H. B. Hull. 2,338,247; Jan. 4.
Therapeutic device. S. E. Miller. 2,338,255; Jan. 4.
Therapeutic device. E. H. Tompkins. 2,345,439; Mar. 28.
Therapeutic device. S. Zichlin. 2,346,245; Apr. 11.
Therapeutic device and constructing same. W. Rosett. 2,361,242; Oct. 24.
Therapeutic gold compound. A. B. Sabin and J. Warren. 2,353,124; June 20.
Therapeutic preparation effective against ulcers. D. J. Sandweiss. 2,364,760; Dec. 12.
Therapeutic product and manufacture of the same. J. Lee and U. V. Solmssen. 2,354,132; July 18.
Therapeutic vibrator. J. L. Wettlaufer. 2,349,837; May 30.
Therapeutic substances. J. R. Stevens and R. H. Beutel. 2,362,508; Nov. 14.
Therapeutically active tetrahydroisoquinoline compounds and their production. F. Kills. 2,344,095; Mar. 14.
Therapeutically useful heterocyclic compounds, Preparation of new. A. J. Ewins and M. A. Phillips. 2,353,449; July 11.
Thermal circuit breaker. P. M. Christensen. 2,352,517; June 27.
Thermal container for liquids or solids. F. W. Petri. 2,335,455; Jan. 4.
Thermal control device. F. R. Higley and J. Converse. 2,367,525; Nov. 28.
Thermal relay for starting fluorescent lamps. C. H. Hodkins. 2,360,678; Oct. 17.
Thermal relay for starting fluorescent lamps. C. H. Hodkins. 2,362,820; Nov. 14.
Thermal relay unit. P. M. Christensen. 2,343,862; Mar. 14.
Thermal responsive circuit controller. G. M. Hausler. 2,340,677; Feb. 8.
Thermal switch. H. M. Acly and J. E. Barr. 2,340,099; Jan. 25.
Thermal switch. W. F. Wolfner, II. 2,358,372; Sept. 19.
Thermal switching device. H. H. Willmann. 2,347,014; Apr. 18.
Thermal time delay control. J. L. Theisen. 2,340,158; Jan. 25.
Thermal well-logging. L. W. Blau and G. E. Cannon. 2,352,247; June 27.
Thermally hardening steel. J. M. Hodge and M. W. Lightner. 2,365,956; Dec. 26.
Thermionic device and circuit including the same. G. W. Baker. 2,346,653; Apr. 18.
Thermionic tube. E. C. Ewing. 2,351,026; June 13.
Thermionic valves, Holder for. M. M. Levy and A. S. Merritt. 2,343,779; Mar. 7.
Thermistor. H. Wolfson, and S. C. Shepard. 2,346,955; Apr. 18.
Thermocouple and pilot burner. H. A. Mantz. 2,363,072; Nov. 21.
Thermocouple, High-frequency. F. J. Moles. 2,365,207; Dec. 19.
Thermocouple structure. W. A. Ray. 2,339,809; Jan. 25.
Thermocouple structure. W. R. Ray. 2,340,899; Feb. 8.
Thermoelectric device. W. A. Ray. 2,349,306; May 23.
Thermoelectric safety device. L. V. McCarty. 2,345,276; Mar. 28.
Thermohydrometer. L. Edelmann. 2,345,921; Apr. 4.
Thermometer. S. G. Eskin. 2,364,841; Dec. 12.
Thermometer, Bimetallic. G. E. Ford and W. W. Hastings. 2,343,372; Mar. 7.
Thermometer, Bimetallic. R. H. Murray. 2,365,487; Dec. 19.
Thermometer reader. D. J. Pratesi. 2,351,455; June 13.
Thermometer, Recording clinical. W. R. Lukens. 2,352,333; June 27.
Thermometer well for ball-mill type reactors. E. F. T. Rice. 2,355,521; Aug. 15.
Thermoplastic articles, Joining hollow. H. W. Eagles. 2,364,962; Dec. 12.
Thermoplastic compositions and producing the same. D. N. Davies. 2,358,963; Sept. 26.
Thermoplastic crystals, Method and apparatus for installing. W. L. Mulcrone. 2,357,904; Sept. 12.
Thermoplastic decorative composition and preparation. W. M. Gearhart. 2,343,658; Mar. 7.
Thermoplastic eyelets, Operating on. C. D. Knowlton. 2,343,983; Mar. 14.
Thermoplastic hydrocarbons, Dispersions of. R. B. Porter Jr. 2,356,882; Aug. 29.
Thermoplastic materials for molding, Heating. A. A. Burry. 2,354,363; July 25.
Thermoplastic molding composition. E. L. Kropscott and M. J. Hunter. 2,357,833; Sept. 12.
Thermoplastic ware, Making hollow. V. E. Hofmann. 2,348,738; May 16.
Thermoplastics, Method and apparatus for heating. H. A. Strickland, Jr. 2,354,714; Aug. 1.
Thermoresponsive device. A. Stockstrom. 2,363,451; Nov. 21.
Thermosensitive control circuit. H. S. Black. 2,341,013; Feb. 8.
Thermostat. J. W. Harrison. 2,340,056; Jan. 25.
Thermostat. F. D. Joesting. 2,354,814; Aug. 1.
Thermostat. C. G. Kronmiller. 2,359,482; Oct. 3.
Thermostat. H. M. Wilson. 2,338,474; Jan. 4.
Thermostat. K. L. Woodman. 2,363,376; Nov. 21.
Thermostat device for absorption refrigerating apparatus. N. Erland af Kleen. 2,353,713; July 18.
Thermostat structure. H. C. Bostwick. 2,350,148; May 30.
Thermostat, Window. D. N. Crosthwait, and E. W. Werts. 2,346,560; Apr. 11.
Thermostatic control device. H. A. Mantz. 2,339,087; Jan. 11.
Thermostatic control devices, Method and apparatus for testing. G. C. Pearce. 2,357,353; Sept. 5.
Thermostatic control for dry kilns. W. Jackson. 2,347,601; Apr. 25.
Thermostatic device. V. G. Anderson and L. Muller. 2,354,655; Aug. 1.
Thermostatic element. D. W. Abernathy. 2,349,126; May 16.
Thermostatic element. S. W. E. Andersson. 2,338,563; Jan. 4.
Thermostatic element. T. M. Gunn. 2,346,573; Apr. 11.
Thermostatic expansion valve. A. P. Anderson. 2,351,313; June 13.
Thermostatic protection of ignition tubes. R. W. Pearson and D. E. Marshall. 2,349,673; May 23.
Thermostatic radiator valve. M. E. Miller. 2,342,157; Feb. 22.
Thermostatic switch device. F. R. Bean. 2,360,842; Oct. 24.
Thermostatic valve. R. C. Johnson. 2,352,203; June 27.
Thermostatically controlled device. H. J. C. Wells. 2,351,086; June 13.
Thermostatically controlled valve. T. N. Adlam. 2,355,043; Aug. 8.
Thermostatically operative valve. R. J. Dougherty. 2,348,965; May 16.
Thermostats, Protector for. C. H. Larson. 2,339,276; Jan. 18.
Thermotic pump. S. Henderson. 2,346,841; Apr. 18.
Thiadiazoles, Substituted. R. O. Roblin, Jr., and P. S. Winnek. 2,358,031; Sept. 12.
Thiazoles. P. C. Jones and A. W. Sloan. 2,358,716; Sept. 19.
Thiazoles and thiazolines. W. Scott. 2,353,593; July 11.
Thiazyl sulphamine derivative. W. H. Ebelke. 2,343,538; Mar. 7.
Thiazyl sulphenamide derivatives. W. H. Ebelke. 2,351,496; June 13.
Thick stock regulator. H. G. Cram. 2,353,149; July 11.
Thickness gauge. H. P. Kuehni. 2,357,666; Sept. 5.
Thickness, Measuring. D. G. C. Hare. Re. 22,531; Aug. 22.
Thickness-measuring apparatus. E. A. Sprigg. 2,352,571; June 27.
Thimble. W. C. Russell. 2,354,280; July 25.
Thiocyanate insecticides, Improving the odor of. W. F. Carson, Jr. 2,339,050; Jan. 11.
Thio-diglycol ester plasticized polyvinyl chloride. W. Hentrich and R. Endres. 2,356,586; Aug. 22.
Thionyl chloride, Production of. J. P. Edwards. 2,362,057; Nov. 7.
Thiophene-free benzene, Production. H. Von Laur, and G. C. Ponchaud. 2,346,524; Apr. 11.
Thiophenols from hydrophobic liquid mixtures. Separation of. G. W. Ayers, Jr., and M. S. Agruss. 2,364,416; Dec. 5.
Thiourea, Manufacture of. R. H. Cooper. 2,353,997; July 18.
Thiourea, Production of. J. van de Kamp. 2,357,149; Aug. 29.
Thread control. C. D. Brown. 2,341,840; Feb. 15.
Thread control system for weft replenishing looms. R. G. Turner. 2,354,624; July 25.
Thread controlling and severing mechanism for sewing machines. M. McCann. 2,346,594; Apr. 11.
Thread controlling mechanism for sewing machines, Looper. E. Muecke. 2,350,965; June 6.

Thread cutter for sewing machines. O. R. Haas. 2,348,381; May 9.
Thread cutter for sewing machines. N. Knaus. 2,342,285; Feb. 22.
Thread gauge. H. E. Gilbert. 2,361,621; Oct. 31.
Thread gauge. W. F. Moore. 2,359,869; Oct. 10.
Thread grinding machine. F. Turrettini. 2,349,477; May 23.
Thread holder driven from take-up roll. W. H. Wakefield. 2,365,667; Dec. 26.
Thread holder for weft replenishing looms. W. H. Wakefield. 2,365,666; Dec. 26.
Thread holder operated by loom vibration. H. A. Whitin. 2,361,340; Oct. 24.
Thread insert. H. J. Findley. 2,363,663; Nov. 28.
Thread insertions in nipper looms. A. Moessinger. 2,355,741; Aug. 15.
Thread, Making. S. W. Alderfer. 2,363,457; Nov. 21.
Thread milling assembly. A. Sarossy. 2,352,227; June 27.
Thread parting mechanism. G. F. Belforti. 2,341,839; Feb. 15.
Thread plug gauge wear testing device. G. Hohwart. 2,360,059; Oct. 10.
Thread processing apparatus, Ventilating. L. S. Fryer and R. F. Bergmann. 2,362,063; Nov. 7.
Thread rolling machine. L. C. Steinle and C. H. Hanwell. 2,343,588; Mar. 7.
Thread-rolling tool. A. W. Hallberg. 2,349,862–3; May 30.
Thread separating pneumatic thread holder and remover. R. G. Turner. 2,360,177; Oct. 10.
Thread, Sewing. D. Finlayson. 2,364,135; Dec. 5.
Thread-storage, thread-advancing device. P. M. Cole. 2,338,755; Jan. 11.
Thread tap gauge. R. Anders. 2,349,330; May 23.
Thread tension for sewing machines. F. Ashworth. 2,350,995; June 13.
Thread-winding apparatus. H. W. Doughty, Jr. 2,351,411; June 13.
Threaded attachment. J. W. Albin. 2,339,130; Jan. 11.
Threaded coupling. E. J. Baumè. 2,339,135; Jan. 11.
Threaded element. L. C. Steinle and C. H. Hanwell. 2,356,098; Aug. 15.
Threaded fastener. E. M. Green. 2,353,030; July 4.
Threaded locking devices, Making. R. W. Luce. 2,351,057; June 13.
Threading apparatus. B. A. Raetsch. 2,338,821; Jan. 11.
Threading block. I. Snow. 2,341,848; Feb. 15.
Threading closure caps. A. L. Merolle. 2,353,349; July 11.
Threads from cops, spools, or the like, Guiding. L. M. Ballamy and R. H. Sheepshanks. 2,357,716; Sept. 5.
Threads, Making covered. A. Rosenstein and H. Dolan. 2,355,471; Aug. 8.
Threads, Making endless track. F. E. Burgess. 2,354,650; Aug. 1.
Threads, Rolling. J. H. Hoern. 2,364,442; Dec. 5.
3-derivatives of the saturated and unsaturated androstane-3-one-17-ols substituted in 17-position and making same as well as the corresponding free ketones. K. Miescher. 2,344,997; Mar. 28.
Three dimensional pantograph machine tool. H. Klema. 2,348,632; May 9.
3,4-dimethylanline, Making. W. A. Wisansky. 2,347,652; May 2.
Three-heat pad. E. C. Taylor. 2,360,084; Oct. 10.
3-picoline, Purifying. F. E. Cislak and W. R. Wheeler. 2,338,571; Jan. 4.
Three-way valve. D. W. Hopkins. 2,351,613; June 20.
Thresher. L. P. Midlard and S. D. Pool. 2,356,419; Aug. 22.
Thresher. A. B. Welty. 2,351,567; June 13.
Thresher. A. B. Welty. 2,358,548; Sept. 19.
Thresher bars for harvesting machines. G. D. Jones. 2,361,633; Oct. 31.
Thresher cylinder. E. L. Rietz. 2,349,380; May 23.
Threshing machine. D. E. Weaver. 2,363,632; Nov. 28.
Thrombokinase. N. H. Volid. 2,349,316; May 23.
Throttle control. J. L. Griggs. 2,363,727; Nov. 28.
Throttle control. S. M. Udale. 2,343,718; Mar. 7.
Throttle controlling mechanism. W. A. Eaton. 2,346,015; Apr. 4.
Throttle valve. E. O. Kunkel. 2,359,369; Oct. 3.
Throttle valve mechanism. R. O. Allen. 2,355,692; Aug. 15.
Throttle valve mechanism. F. A. Meyer. 2,353,915; July 18.
Throttling device. W. E. Sloan. 2,341,394; Feb. 8.
Through-current pilot-generator or regulator. J. G. Stephenson. 2,345,160; Mar. 28.
Thrust and journal bearing. A. Meidahl. 2,363,430; Nov. 21.
Thrust ball bearing. M. Katcher. 2,347,483; Apr. 25.
Thrust bearing. J. Laboulais. 2,342,055; Feb. 15.
Thrust bearing. I. P. Rodman. 2,353,763; July 18.
Thrust bearing. H. F. Schmidt. 2,362,567; Nov. 14.
Thrust bearing. O. A. Tinker. 2,345,437; Mar. 28.
Thrust bearing arrangement. E. D. Dickinson and F. H. Van Nest. 2,339,253; Jan. 18.
Thrust measuring device for shafts. F. W. Godsey, Jr. 2,349,653; May 23.
Ticket counting machine. J. Rose. 2,345,291; Mar. 28.
Ticket cutter. H. M. Bascom and W. A. Rhodes. 2,341,011; Feb. 8.
Ticket distributing system, Pneumatic. E. W. Gent. 2,345,967; Apr. 4.
Ticket for cleaners and dyers, Autographic register. H. C. Williams. 2,363,919; Nov. 28.
Ticket issuing machine. B. H. Freedman. 2,361,392; Oct. 31.
Ticket issuing machine. R. H. Helsel. 2,356,667; Aug. 22.
Ticket issuing machine. R. H. Helsel. 2,361,626; Oct. 31.
Tieback. C. F. Allen. 2,347,234; Apr. 25.
Tieband, label, and similar article. R. H. Wilbur. 2,338,749; Jan. 11.
Tie, Drop wire. W. A. Daniels, W. A. Daniels, Jr., and L. E. Daniels. 2,345,890; Apr. 4.
Tie for hose clamps. V. E. Sprouse. 2,363,206; Nov. 21.
Tie knot holder. S. B. Bankson. 2,348,049; May 2.
Tie, Nonslip. A. F. Lonk. 2,343,513; Mar. 7.
Tie plate. E. L. Kidd. 2,355,655; Aug. 15.
Tie support. C. Spousel. 2,342,379; Feb. 22.
Tie tapes to bandage strips, Attaching. W. D. Young. 2,352,355 June 27.
Tightening device for sprocket chains, belts, and the like. C. A. Rich and W. E. Twamley. 2,343,084; Feb. 29.
Tile and method of preparing the same. J. N. Roche and E. B. Kester. 2,339,294; Jan. 18.
Tile cutting machine. W. A. Hislop. 2,356,406; Aug. 22.
Tiling. C. G. Muench. 2,341,645; Feb. 15.
Till drawer construction. J. R. Showers, Sr. 2,343,936; Mar. 14.
Tiller, Rotary soil. M. S. Ariens. 2,347,017; Apr. 18.
Tilt back swivel chair. H. Schlorman. 2,339,953; Jan. 25.
Tilting arc. F. H. Rohr. 2,348,309; May 9.
Tilting chair. H. W. Bolens. 2,359,966; Oct. 10.
Tilting chair mounting. W. F. Herold. 2,365,468; Dec. 19.
Tilting release for gyratory crushers. E. B. Symons and E. Werner. 2,358,038; Sept. 12.
Timber connector. J. E. Myer and H. G. Uhl. 2,345,856; Apr. 4.
Timber, Long-fiber light-weight. P. C. Ricchiardi and E. Zillo. 2,341,653; Feb. 15.
Timber mower. P. Grzelak. 2,341,035; Feb. 8.
Time and volume control for gas intermitters. W. R. King. 2,339,487; Jan. 18.
Time control apparatus. A. A. Miller. 2,342,814; Feb. 29.
Time control for mechanisms, Delayed action. H. B. Lewis. 2,359,320; Oct. 3.
Time controlled valve. P. B. Drane. 2,338,804; Jan. 11.
Time current interrupter for control of furnaces, Variable. E. G. Guenzel and M. S. Kiss. 2,363,413; Nov. 21.
Time delay circuit. F. E. Bartholy. 2,339,750; Jan. 25.
Time delay, Predetermining. A. M. Donofrio. 2,338,803; Jan. 11.
Time delay relay. R. H. Williams, Jr. 2,341,349; Feb. 8.
Time delay relay. C. C. Wilson. 2,358,898; Sept. 26.
Time delay relay system. J. White. 2,352,353; June 27.
Time measuring device. E. Vroom. 2,338,218; Jan. 4.
Time-measuring equipment. F. M. Wiese. 2,362,425; Nov. 7.
Time mechanism. J. L. Harris. 2,341,774; Feb. 15.
Timepiece, J. Fletcher. 2,355,429; Aug. 8.
Timepiece setting device. E. W. Drescher. 2,360,113; Oct. 10.
Time recorder. F. Q. Rast. 2,340,769; Feb. 1.
Time recording mechanism. W. Leathers and H. Panissidi. 2,352,440; June 27.
Time recording mechanism. E. J. Woodhall. 2,354,934; Aug. 1.
Time-setting devices for fuses. A. Weisz. 2,356,554; Aug. 22.
Time system. G. C. Engel and A. Amend, Jr. 1,354,511; June 25.
Time system. R. L. Lorenz. 2,364,228; Dec. 5.
Timer. F. Lux. Re. 22,570; Nov. 28.
Timer. W. F. Wolfner, II. 2,364,680; Dec. 12.
Timer, Adjustable automatic interval. J. B. Maris. 2,346,694; Apr. 18.
Timer, Automatic electric self-posting. J. W. Rouprich. 2,351,707; June 20.
Timer, Cooking. J. De Haes. 2,344,853; Mar. 21.
Timer for toasters and the like. A. J. Huck. 2,362,751–3; Nov. 14.
Timer, Milking. E. J. Gengler. 2,351,675; June 20.
Timing apparatus. R. R. Candor. 2,361,262; Oct. 24.
Timing apparatus. T. B. Gibbs. 2,343,452; Mar. 7.
Timing apparatus. T. B. Gibbs. 2,360,053; Oct. 10.
Timing apparatus. T. B. Gibbs. 2,361,281; Oct. 24.
Timing apparatus. T. B. Gibbs, M. E. Brown, and P. B. Wickham. 2,356,991; Aug. 29.
Timing arrangement. J. W. Brown. 2,359,967; Oct. 10.
Timing controller. C. Stansbury. 2,339,201; Jan. 11.
Timing device. I. G. Boehm. 2,348,722; May 16.
Timing device. A. W. Braun. 2,342,327; Feb. 22.
Timing device. P. A. Coffman, Jr. 2,364,519; Dec. 5.
Timing device. W. J. Ettinger and R. A. Winborne. 2,342,461; Feb. 22.
Timing device. F. J. Hooven. 2,347,481; Apr. 25.
Timing device, Ignition. C. Colvin. 2,361,271; Oct. 24.

Timing mechanism. C. L. Anderson. 2,352,156; June 27.
Timing mechanism. R. W. Goff. 2,358,633; Sept. 19.
Timing mechanism. F. A. Hubbard. 2,364,444; Dec. 5.
Timing mechanism. J. W. Molden and A. B. Webber. 2,362,392; Nov. 7.
Timing mechanism. E. P. Reinecke. 2,352,449; June 27.
Timing mechanism. R. A. A. Willens. 2,338,221; Jan. 4.
Timing mechanism for washing machines. T. R. Smith. 2,344,651; Mar. 21.
Timing method and apparatus. W. D. Barrett. 2,353,382; July 11.
Tin and similar metals, Recovery of. T. W. Benson and B. F. Hoffman. 2,355,777; Aug. 15.
Tin-coated collapsible tube. J. Hoch. 2,352,384; June 27.
Tin coated copper with indium, Coating. A. J. Phillips and A. A. Smith, Jr. 2,348,358; May 9.
Tin-containing materials, Smelting. L. S. Deitz, Jr. 2,355,515; Aug. 8.
Tin sulphide concentrates, Treating. Y. E. Lebedeff. 2,364,727; Dec. 12.
Tinned steel scrap, Treating. W. D. Norlander and R. L. Aldredge. 2,350,918; June 6.
Tins and other containers, Opening. B. Johnsen. 2,351,971; June 20.
Tinting mechanism. W. Whitehead and W. J. Elvin. 2,351,729; June 20.
Tip-switch. A. W. Gair. 2,365,262; Dec. 19.
Tipped cutting tool. H. B. Clark. 2,341,314; Feb. 8.
Tire. E. F. Brunner. 2,340,258; Jan. 25.
Tire. V. J. Gluseff. 2,343,660; Mar. 7.
Tire. J. E. Hale. 2,339,558; Jan. 18.
Tire. F. R. McKelvey. 2,348,350; May 9.
Tire. G. D. Scott. 2,353,935; July 18.
Tire and wheel assembly. J. E. Hale. 2,339,542; Jan. 18.
Tire and wheel assembly machine. A. H. Berick and E. B. Rausch. 2,353,187; July 11.
Tire and wheel lock. F. C. Burrell. 2,347,767; May 2.
Tire and wheel separating apparatus. M. H. Ewing. 2,362,061; Nov. 7.
Tire building apparatus. U. C. Haren and V. H. Hasselquist. 2,365,341; Dec. 19.
Tire-building apparatus. C. W. Leguillon. 2,346,439; Apr. 11.
Tire building apparatus. H. D. Stevens. 2,339,551; Jan. 18.
Tire building apparatus. H. D. Stevens. 2,354,434; July 25.
Tire building drum. E. F. Schnedarek. 2,353,767; July 18.
Tire capping machine. J. L. Seaton. 2,338,462; Jan. 4.
Tire carrier. R. S. Hartman. 2,348,811; May 16.
Tire casing, Testing pneumatic. H. J. Linse. 2,345,679; Apr. 4.
Tire chain. E. C. Gulesian. 2,346,298; Apr. 11.
Tire chain connector. W. R. Royer. 2,363,998; Nov. 28.
Tire construction. J. H. Fielding. 2,342,576; Feb. 22.
Tire construction. R. A. Roberts. 2,339,540; Jan. 18.
Tire deflating device. W. E. Sherbondy. 2,359,162; Sept. 26.
Tire deflation signal. W. Williams. 2,358,370; Sept. 19.
Tire for vehicles, Spring. M. Saldin. 2,364,874; Dec. 12.
Tire gauge. C. G. Rist. 2,343,582; Mar. 7.
Tire grooving apparatus. E. L. Bivans. 2,362,967; Nov. 21.
Tire guards for straddle trucks. C. L. Aerni. 2,352,464; June 27.
Tire inspection. G. P. Bosomworth. 2,339,550; Jan. 18.
Tire lock. O. Brummer. 2,343,366; Mar. 7.
Tire loosening device. C. A. West and F. A. Morgan. 2,338,696; Jan. 11.
Tire, Nonstatic. E. E. Hanson. 2,339,546; Jan. 18.
Tire or rim, Wheel. H. W. Reid. 2,362,584; Nov. 14.
Tire patch. C. A. Cornell. 2,344,677; Mar. 21.
Tire, Pneumatic. O. Liermann. 2,344,827; Mar. 21.
Tire pressure indicating system. W. E. Cecil. 2,362,883; Nov. 14.
Tire pressure indicator. C. C. Akin. 2,353,428; July 11.
Tire pressure indicator. L. Critser and H. G. Mencimer. 2,347,541; Apr. 25.
Tire pressure indicator. W. Holinaty. 2,355,295; Aug. 8.
Tire protector device. J. H. Wildman. 2,356,292; Aug. 22.
Tire recap. T. A. Dunagan. 2,343,498; Mar. 7.
Tire regrooving device. P. Stephens. 2,350,375; June 6.
Tire removing device. L. Larson. 2,345,346; Mar. 28.
Tire repair. J. C. Heints. 2,342,195; Feb. 22.
Tire, Resilient. W. A. Tripp. 2,346,799; Apr. 18.
Tire retaining ring. N. B. Stone. 2,361,330; Oct. 24.
Tire retreading apparatus. T. P. Bacon. 2,345,172; Mar. 28.
Tire retreading mold. P. E. Hawkinson. 2,339,696; Jan. 18.
Tire splitting machine. L. B. Gamel. 2,365,404; Dec. 19.
Tire spreader. C. E. Branick. 2,347,311; Apr. 25.
Tire spreader. W. G. Prentice. 2,364,242; Dec. 5.
Tire, Spring. W. W. Chestnut. 2,338,999; Jan. 11.
Tire, Spring vehicle wheel. F. Nicoletti. 2,354,044; July 18.
Tire tool. S. Freed. 2,340,586; Feb. 1.
Tire tool. E. G. Krantz. 2,344,704; Mar. 21.
Tire tread and making the same. D. Wendel. 2,345,518; Mar. 28.
Tire tread contracting device. H. T. Kraft. 2,358,570; July 11.
Tire treads, Apparatus for applying. F. Lyle. 2,342,951; Feb. 29.
Tire vulcanizer. H. V. James. 2,347,952; May 2.
Tire vulcanizer. W. V. Mase. 2,344,158; Mar. 14.
Tire-vulcanizing apparatus. W. D. Eakin. 2,341,026; Feb. 8.
Tire vulcanizing clamp. A. Ridd. 2,365,109; Dec. 12.
Tires, Building pneumatic. J. I. Haase. 2,365,815; Dec. 26.
Tires, Manufacturing. C. K. Novotny and J. T. Cox, Jr. 2,354,424; July 25.
Tires, Method for curing. H. A. Freeman. 2,340,264; Jan. 25.
Tires one hundred per cent with water, Filling. M. A. Wilson. 2,343,838; Mar. 7.
Tires or shoes for automobiles, airplanes, and the like. C. Hannevig. 2,351,334; June 13.
Tires, Retreading. G. Wheatley. 2,343,724; Mar. 7.
Tissue filler. G. E. Hobdell. 2,352,099; June 20.
Tissue, Mounting. A. Abrams and G. W. Forcey. 2,358,135; Sept. 12.
Titaniferrous ores, Solubilizing of. R. Dahlstrom. 2,344,288; Mar. 14.
Titanium dioxide pigment and preparing the same, Chalk-resistant. W. K. Nelson. 2,346,322; Apr. 11.
Titanium dioxide, Preparation of. I. E. Muskat and A. Pechukas. 2,340,610; Feb. 1.
Titanium oxide pigment production. J. L. Keats and J. E. Booge. 2,358,167; Sept. 12.
Titanium oxide pigments, Production of. R. M. McKinney and H. M. Stark. 2,345,985; Apr. 4.
Titanium pigment production. J. E. Booge and L. Stewart. 2,361,987; Nov. 7.
Titanium pigments and producing the same. J. A. Geddes. 2,357,101; Aug. 29.
Titanium pigments, Manufacture of. R. W. Ascrum. 2,365,135; Dec. 12.
Titanium pigments, Producing improved. R. H. Sawyer. 2,346,085; Apr. 4.
Titanium pigments, Production of. J. L. Keats. 2,345,980; Apr. 4.
Titanium sulphate solutions, Manufacture of. L. G. Bousquet, D. W. Young, and A. W. Low. 2,349,936; May 30.
Titration reaction vessel. J. Kamlet. 2,346,261; Apr. 11.
Toaster. O. M. Anderson. 2,361,078; Oct. 24.
Toaster. T. T. N. Bucher. 2,356,649; Aug. 22.
Toaster. J. W. Myers. 2,339,153; Jan. 11.
Toaster. A. C. Purpura. 2,347,611; Apr. 25.
Toaster. C. G. Suits. 2,341,341; Feb. 8.
Toaster. C. R. Turner. 2,364,175; Dec. 5.
Toaster. W. R. Weeks. 2,344,842; Mar. 21.
Toaster and cooker, Combined. D. Platkin. 2,358,996; Sept. 26.
Toaster and cooker, Electric. A. L. Osrow. 2,345,769; Apr. 4.
Toaster, Automatic. L. V. Lucia. 2,358,766; Sept. 19.
Toaster, Automatic bread. R. J. Anderson. 2,361,446; Oct. 31.
Toaster, Bread. W. H. Fischer. 2,363,169; Nov. 21.
Toaster, Electric. J. R. Gomersall. 2,355,153; Aug. 8.
Tobacco. T. H. Garber. 2,353,718; July 18.
Tobacco conveyer, Positive. F. Di Ianni. 2,351,410; June 13.
Tobacco, Curing green. R. D. Touton. 2,343,345; Mar. 7.
Tobacco dispenser. J. A. Stephens. 2,364,326; Dec. 5.
Tobacco guiding machine. K. A. Körber. 2,341,626; Feb. 15.
Tobacco, Improving. R. B. Elliott. 2,341,535; Feb. 15.
Tobacco pipe. C. J. Burch. 2,364,424; Dec. 5.
Tobacco stick. U. L. Courson. 2,359,357; Oct. 3.
Tobacco, Treating. C. L. Reed. 2,344,106; Mar. 14.
Tobacco, Treating. R. D. Touton. 2,348,038; May 2.
Toboggan. A. M. Cochran. 2,364,174; Dec. 19.
Toboggan, Motor. J. R. Shannon. 2,339,886; Jan. 25.
Toboggan seal for sand cleaners. N. J. Kayser. 2,357,957; Sept. 12.
Tocopherol, Concentration and preservation of. K. C. D. Hickman. 2,349,789; May 23.
Tocopherol-containing composition and preparation. K. C. D. Hickman. 2,349,590; May 23.
Tocopherol-containing materials and products, Preparation of. K. C. D. Hickman. 2,349,278; May 23.
Tocopherol from scum with solvents, Separation of. K. C. D. Hickman. 2,349,275; May 23.
Tocopherol or vitamin E, Production of. J. G. Baxter. 2,349,271; May 23.
Tocopherol preparation. K. C. D. Hickman and N. H. Kuhrt. 2,349,272; May 23.
Tocopherol, Recovery of. K. C. D. Hickman. 2,349,269; May 23.
Tocopherol succinate, Purified. J. G. Baxter and R. W. Lehman. 2,358,046; Sept. 12.
Tocopherols and new tocopherol derivatives. J. G. Baxter and C. D. Robeson. 2,349,273; May 23.
Toe protecting device and making the same. M. J. Patterson. 2,354,770; Aug. 1.
Toggle clamp. J. A. Herrington. 2,350,034; May 30.

Toggle operated valve. D. G. Fawkes. 2,354,987; Aug. 1.
Toggle press. J. F. Johnson, Sr. 2,354,126; July 18.
Toggle press. F. J. Rode and M. R. Hatch. 2,364,661; Dec. 12.
Toggle spring actuating means. W. E. Stilwell. 2,346,544; Apr. 11.
Toilet article. G. H. Hutaff, Jr. 2,364,294; Dec. 5.
Toilet device. E. W. Eweson. 2,360,051; Oct. 10.
Toilet device and producing said device. A. Martinek. 2,364,085; Dec. 5.
Toilet seat. P. J. Sperzel and K. J. G. Leufvenius. 2,352,133; June 20.
Toilet seat and cover, Detachable. A. Jacobs. 2,355,378; Aug. 8.
Toll checking system. B. Cooper. 2,351,405; June 13.
Toll ticketing system, Automatic. R. E. Hersey. 2,342,279; Feb. 22.
Toluene from p-toluene sulphonic acid, Removing. W. B. Brown. 2,353,441; July 11.
Toluene, Production of. V. N. Ipatieff and G. S. Monroe. 2,352,199–200; June 27.
Toluene, Sulphonation of. W. B. Brown. 2,362,612; Nov. 14.
Toluene sweetening. G. F. de Ridder. 2,356,980; Aug. 29.
Toluene, Synthesis of. L. Schmerling. 2,338,973; Jan. 11.
Tomatoes and the juices thereof, Dehydrating. H. J. Moore. 2,363,193; Nov. 21.
Tone arm. R. Dally. 2,342,457; Feb. 22.
Tone arm. R. Dally. 2,346,733; Apr. 18.
Tone arm. R. Dally. 2,363,653; Nov. 28.
Tone control for transmitters. R. E. Polk. 2,358,099; Sept. 12.
Tone keyer, Frequency modulation. M. G. Crosby. 2,356,224; Aug. 22.
Tone signal keyer. J. L. Finch. 2,342,335; Feb. 22.
Tong. S. F. Wadzinski. 2,347,650; May 2.
Tong guard. E. F. Codner. 2,352,603; July 4.
Tong, Stripper. W. W. Grossett. 2,345,391; Mar. 28.
Tongs. S. D. Dunlap. 2,358,565; Sept. 19.
Tongs and the like. F. D. Fernandez. 2,346,537; Apr. 11.
Tongs, Lifting. A. Petersen. 2,350,528; June 6.
Tool: *See*—
Abrading tool.
Abrasive tool.
Agricultural soil working tool.
Armature recutting tool.
Assembly tool.
Automotive tool.
Bandoleer loading tool.
Battery service tool.
Bearing knockout tool.
Boring and cutting tool.
Brake shoe tool.
Bucking tool.
Burr cutting tool.
Burring tool.
Bushing fitting and placement tool.
Cable insulation slitting tool.
Cable sheath cutting and stripping tool.
Calibrating tool.
Camber and correction tool.
Can puncturing tool.
Carbon removing tool.
Cementing tool.
Chair repair tool.
Chamfer tool.
Clamp applying tool.
Cleaning tool.
Combination cleaning tool.
Combination machine tool.
Combination tool.
Constricting tool.
Countersinking tool.
Cribbing or digging tool.
Cutting and threading tool.
Cutting tool.
Cylinder grinding tool.
Cylinder sleeve tool.
Deflecting tool.
Dental tool.
Diamond tool.
Die tool.
Dimpling tool.
Direct drive electric power tool.
Dressing tool.
Drilling and counter-sinking tool.
Drilling tool.
Electric tool.
Endless-band tool.
Engine head removing tool.
Engraving tool.
Excavating tool.
Eyelet setting tool.
Facing tool.
Fastener applying tool.
Fender tool.
Filling tool.
Finishing tool.
Fireman's tool.
Flexible shaft winding tool.
Forming tool.
Garden tool.
Gear-cutting tool.
Gear finishing tool.
Grave box cover applying and removing tool.
Grinding tool.
Grinding wheel tool.
Groove dressing tool.
Grooving tool.
Ground treating tool.
Hand beading tool.
Hand tool.
Honing tool.
Hydraulic machine tool.
Impact tool.
Insert expanding tool.
Jawed tool.
Joggling tool.
Keyway grinding tool.
Knurling tool.
Lapping tool.
Lathe and lathe tool.
Lathe tool.
Lawn and garden tool.
Lifting tool.
Machine tool.
Marking tool.
Material working tool.
Metal boring tool.
Milling tool.
Motor-driven hand tool.
Motor-driven tool.
Nail holding tool.
Nail pulling tool.
Percussion tool.
Piercing and shearing tool.
Pipe-bending tool.
Pipe-laying tool.
Planing tool.
Plant pulling tool.
Plug cutting tool.
Plumber's fishing tool.
Pneumatic tool.
Portable electric tool.
Portable electric welding tool.
Portable hand-held electric tool.
Portable percussive tool.
Portable power driven tool.
Portable tool.
Power-driven tool.
Power operated machine tool.
Power-operated mitering and beveling tool.
Precision locating tool.
Pressure actuated tool.
Re-arming tool.
Refacing and reseating tool.
Repair tool.
Resin tool.
Riveting tool.
Saw setting tool.
Scaling tool.
Screw driver type tool.
Scribing tool.
Sealing tool.
Separating tool.
Service tool.
Shaving tool.
Sheet holding tool.
Shock cord installation tool.
Sizing tool.
Snap ring assembling tool.
Staple driving tool.
Stud setting and removing tool.
Surgeon's tool.
Swaging tool.
Taper boring tool.
Taping tool.
Thread-rolling tool.
Three dimensional pantograph machine tool.
Tipped cutting tool.
Tire tool.
Torque measuring tool.
Trimming tool.
Tube cutoff tool.
Tube expanding tool.
Tube flaring tool.
Undercutting tool.
Universal tool.
Valve cutting tool.
Wall scraper and wall jogging tool.
Watch crystal assembly tool.
Watchmaker's tool.
Welding tool.
Well tool.
Wire stripping tool.
Wire tightening tool.
Wood-turning tool.
Woodworking tool.
Tool. C. H. Bensinger. 2,354,735; Aug. 1.
Tool. K. C. Bugg. 2,359,402; Oct. 3.
Tool. J. Corbosiero. 2,354,245; July 25.
Tool. H. E. Dickerman. 2,350,881; June 6.
Tool. W. S. Miles and P. A. Voigt. 2,353,843; July 18.
Tool. L. Pollock. 2,356,881; Aug. 29.
Tool. S. Sanocki. 2,346,084; Apr. 4.
Tool. G. Stevens. 2,362,779; Nov. 14.
Tool. M. E. Thierwechter. 2,347,300; Apr. 25.
Tool. G. A. Tinnerman. 2,341,063; Feb. 8.
Tool. E. B. White. 2,342,068; Feb. 15.
Tool aligning and guiding device. J. Ognibene and L. Ricci. 2,338,530; Jan. 4.
Tool alloy. C. J. Schafer. 2,339,357; Jan. 18.
Tool and attachment therefor, Rotary. F. P. Granat. 2,339,567; Jan. 18.
Tool and by-pass, Releasable setting. R. Bassinger. 2,344,121; Mar. 14.
Tool and determining diamond sizes therefor, Diamond dressing. J. L. Petrie. 2,347,280; Apr. 25.
Tool and holder therefor. F. W. Schilberg. 2,341,660–1; Feb. 15.
Tool and making the same, Diamond-tipped. J. Tacyaerts and M. Toelcke. 2,363,272; Nov. 21.
Tool and method, Milling machine. R. Shipman. 2,363,444; Nov. 21.
Tool attachment, Working. C. W. Mott. 2,352,281; June 27.
Toolbox. E. Larsson. 2,347,270; Apr. 25.
Tool center. T. L. Adas. 2,343,626; Mar. 7.
Tool chuck. G. W. Emrick. 2,338,626; Jan. 4.
Tool device. W. C. Smith. 2,344,925; Mar. 21.
Tool device, Edge. E. E. Hindman. 2,342,197; Feb. 22.
Tool feeding mechanism. P. S. Claus. 2,340,735; Feb. 1.
Tool feeding mechanism. P. S. Claus. 2,346,359; Apr. 11.
Tool feeding mechanism. W. F. Groene. 2,356,997; Aug. 29.
Tool for applying cable clips. B. V. Kruger. 2,353,908; July 18.
Tool for closing parachute packs. R. T. Bloxon. 2,357,805; Sept. 12.
Tool for conduit clips, Installation. E. M. Morehouse. 2,359,237; Sept. 26.
Tool for cutting and threading pipe. T. D. Segeberg. 2,350,700; June 6.
Tool for cutting grooves. O. Schilling. 2,338,972; Jan. 11.
Tool for cutting linoleum. O. W. Treadway. 2,350,945; June 6.
Tool for dies and cutters, Hand compression. M. Canter. 2,343,953; Mar. 14.
Tool for high-tension lines. B. B. Broadbooks. 2,352,686; July 4.
Tool for making electrical connectors. V. E. Carlson. 2,359,083; Sept. 26.
Tool for manhole covers, Lifting. G. W. Kinner. 2,348,978; May 16.
Tool for moving and positioning pack-off assemblies. W. E. Gean and M. R. Dougherty. 2,355,854; Aug. 15.
Tool for performing internal machining operations at an angle to the axis of bores or tubular members. E. B. Jestico. 2,339,171; Jan. 11.
Tool for removing railway ties. L. Stotka. 2,341,578; Feb. 15.
Tool for riveting, perforating and like operations. H. J. Dedona. 2,360,111; Oct. 10.
Tool for sampling baled material. L. C. Klenzle, and H. J. Wollner. 2,346,220; Apr. 11.
Tool for servicing battery terminals. W. P. Nail. 2,363,350; Nov. 21.

Tool for slitting cable insulations. S. M. Martin. 2,353,173; July 11.
Tool for stringing tennis rackets. B. F. Miessner. 2,352,730; July 4.
Tool for upsetting die heads. T. Gomperz. 2,352,429; June 27.
Tool for use in wells, Setting. O. Hammer. 2,361,094; Oct. 24.
Tool grinding assembly. T. J. Novotny. 2,357,966; Sept. 12.
Tool grinding machine, Universal. E. H. Wiedmann. 2,349,324; May 23.
Tool handle. L. H. Dowe. 2,346,364; Apr. 11.
Tool hanger. C. C. Pond. 2,352,406; June 27.
Toolholder. G. H. Cote. 2,348,727; May 16.
Tool holder. L. C. Hauer. 2,357,045; Aug. 29.
Toolholder. N. P. Lloyd. 2,360,567; Oct. 17.
Toolholder. J. H. Palmer. 2,355,324; Aug. 8.
Toolholder. A. W. Poreau. 2,353,115; July 4.
Toolholder. I. A. Rice. 2,353,079; July 4.
Toolholder. F. W. Schillberg. 2,341,659; Feb. 15.
Toolholder. S. Speckert. 2,347,136; Apr. 18.
Tool holder. H. Sundstrom. 2,363,160; Nov. 21.
Tool holder. O. F. Trippler. 2,357,918; Sept. 12.
Tool holder for lathes, Multiple. J. A. Honegger. 2,355,072; Aug. 8.
Toolholder for metal planers. P. P. Jarrell. 2,347,323; Apr. 25.
Toolholder for planers, Compound. L. P. Jarrell. 2,360,683; Oct. 17.
Tool holder for reamers. O. Klute. 2,353,834; July 18.
Toolholder for vacuum cleaners. T. K. Scott. 2,355,034; Aug. 1.
Tool holders, Making multiple. J. H. Jacobs. 2,348,908; May 16.
Tool installed connector and its installation. J. Rogoff. 2,347,713; May 2.
Tool joint with double tapered socket. I. H. Beetis. 2,345,725; Apr. 4.
Tool lift mechanism. C. H. White. 2,351,172; June 13.
Tool-marking machine. L. Nachemov. 2,339,716; Jan. 18.
Tool mounting attachment for boring bars. E. A. Zempel. 2,350,957; Oct. 10.
Tool or appliance. Thread-rolling. T. K. Affleck. 2,356,132; Aug. 8.
Tool post turret block. E. R. Mark. 2,358,816; Sept. 26.
Tool rack. C. G. Dowd. 2,344,540; Mar. 21.
Tool resetting mechanism, Quick-action. G. A. Weingartner. 2,340,029; Jan. 25.
Toolslide supporting structure. O. R. Briney, Jr. 2,344,724; Apr. 18.
Tool support. C. E. Peterson and G. L. Olson. 2,364,050–1; Dec. 26.
Tool supporting and ejecting structure. P. Lustrik. 2,341,051; Feb. 8.
Tool with hard metal cutting edge. R. Braun. 2,351,916; June 20.
Tool with interchangeable head, Dimpling. E. F. Tuttle. 2,363,918; Dec. 26.
Tooling mechanism and attachment, Double end. C. H. Adams. 2,363,033; Nov. 21.
Tools, Chuck for machine. T. H. Sloan. 2,365,116; Dec. 12.
Tools, Control for machine. G. E. King and O. G. Rutemiller. 2,365,558; Dec. 19.
Tools, Manufacture of machine. K. W. Nolan. 2,363,195; Nov. 21.
Tools, Producing. F. Wenzel. 2,338,990; Jan. 11.
Tools, Work clamping means for machine. W. H. Weimer. 2,364,884; Dec. 12.
Tooth and clip assembly, Spring. F. R. Martin. 2,364,303; Dec. 5.
Toothbrush. S. A. Vogel. 2,360,745; Oct. 17.
Toothbrush, Folding. M. Landesman. 2,353,963; July 18
Tooth holder. S. Myerson. 2,341,153; Feb. 8.
Tooth relieving machine. H. Pelphrey. 2,344,323; Mar. 14.
Toothed articles, Manufacture of. E. R. Person. 2,338,735; Jan. 11.
Toothed elements, Manufacturing. E. F. Aber. 2,344,953; Mar. 28.
Top, Collapsible. E. G. Simpson. 2,362,939; Nov. 14.
Top, Exhibiting. F. E. Thomas. 2,347,649; May 2.
Top plate for molds. W. J. Clayton and J. F. Schott. 2,360,201; Oct. 10.
Topper, Beet. E. J. Patterson. 2,364,312; Dec. 5.
Topping stand. A. F. Verbeek. 2,345,546; Mar. 28.
Topical preparation. W. A. Inman. 2,354,319; July 25.
Torch. J. J. Crowe. 2,365,942; Dec. 26.
Torch. J. C. Crowley. 2,348,110; May 2.
Torch. J. C. Crowley. 2,348,111; May 2.
Torch. L. E. Hyde. 2,364,295; Dec. 5.
Torch. R. E. Miller and R. J. Petty. 2,362,213; Nov. 7.
Torch, Acetylene. D. H. Black. 2,365,379; Dec. 19.
Torch, Cutting. E. H. Smith. 2,344,219; Mar. 14.
Torch cutting machine. A. F. Chouinard and L. A. Bordeaux. 2,356,215; Aug. 22.
Torch device. C. Mott. A. F. Chouinard, and R. L. Harding. 2,364,645; Dec. 12.
Torch, Preheating. G. F. Goddeau. 2,356,048; Aug. 15
Torch support. J. L. Anderson. 2,363,036; Nov. 21.
Torch support. M. E. Willoughby. 2,341,751; Feb. 15.
Torch tip. J. C. Crowley. 2,355,849; Aug. 15.
Torch tip. A. F. Jenkins. 2,363,250; Nov. 21.
Torch tip. E. H. Smith. 2,351,787; June 20.
Torch tips, Fabricating. J. L. Acord. 2,350,952; June 6.
Torpedo. A. R. Ferrer. 2,338,322; Jan. 4.
Torpedo controlling device. G. Pookhir and G. A. Rubissow. 2,341,287; Feb. 8.
Torpedo, Glider. H. A. Gurney. 2,339,011; Jan. 11.
Torpedo, Land. C. T. Bjorkman. 2,340,299; Feb. 1.
Torpedo shield for ships. J. C. Hardy. 2,342,194; Feb. 22.
Torpedo tube. S. N. Barker and G. S. Selman. 2,342,996; Feb. 29.
Torque control switch. S. Weiss. 2,361,439; Oct. 31.
Torque equalizing device. A. S. Howell. 2,360,422; Oct. 17.
Torque gauge. C. A. Fox. 2,340,740; Feb. 1.
Torque indicator. C. C. De Pew. 2,353,814; July 18.
Torque limiting clutch. J. O. Almen. 2,360,187; Oct. 10.
Torque measuring apparatus. E. E. Simmons, Jr. 2,350,072; May 30.
Torque measuring device. B. F. Langer, and W. O. Osbon. 2,346,976; Apr. 18.
Torque measuring device. H. M. Martin. 2,347,208–9; Apr. 25.
Torque measuring device. L. D. Nordstrum. 2,347,214; Apr. 25.
Torque measuring tool. W. Storrie. 2,348,098; May 2.
Torque operated propeller pitch changing device. R. E. McIntosh. 2,339,090; Jan. 11.
Torque ratchet wrench. K. R. Larson and G. M. Walraven. 2,343,380; Mar. 7.
Torque reaction device. E. E. Wemp. 2,349,921; May 30.
Torque testing device. R. J. Chapman. 2,342,919; Feb. 29.
Torsionmeter. P. Clingman. 2,353,691; July 18.
Torsion unit. K. B. Kilborn and S. D. Gehman. 2,352,586; June 27.
Torsional measuring device. B. F. Langer. 2,349,663; May 23.
Torsional vibration damper. F. P. Porter. 2,343,421; Mar. 7.
Torsional vibration damper. P. S. Vaughan and A. W. Infanger. 2,344,430; Mar. 14.
Totalizer. R. Anschütz. 2,341,588; Feb. 15.
Totalizer, Complementary. H. E. Kimmel. 2,364,025; Nov. 28.
Totalizing machine. T. A. Keen and J. Kilburg. 2,358,168; Sept. 12.
Totalizing system. M. L. Nelson. 2,345,212; Mar. 28.
Tote pan carrier. H. D. Gerdes. 2,358,801; Sept. 26.
Tour system, Watchman's. P. M. Farmer and D. W. Bloser. 2,347,943; May 2.
Tour system, Watchman's. P. M. Farmer, D. W. Bloser, and W. J. Kleinkneck. 2,347,942; May 2.
Tow bar. B. Phillips. 2,340,273; Jan. 25.
Tow bar for automotive vehicles, Automatic. A. R. Gross. 2,338,934; Jan. 11.
Tow hook mounting for vehicles. E. C. Bixel. 2,360,643; Oct. 17.
Towing attachment. G. Haniquet. 2,356,998; Aug. 29.
Towing machine. M. B. Benson. 2,352,309; June 27.
Towing or suspending and releasing device. M. J. O. Lobelle. 2,342,351; Feb. 22.
Towing truck. J. B. Fisher. 2,343,894; Mar. 14.
Towel. A. D. Barr. 2,352,067; June 20.
Towel cabinet. J. Rousso. 2,363,149; Nov. 21.
Towel or cloth holder. H. Pain. 2,339,187; Jan. 11.
Tower, Cooling. C. S. Yingling. 2,356,192; Aug. 22.
Toxic material. J. E. Harvey, Jr., R. H. White, Jr., and J. A. Vaughn. 2,363,244; Nov. 21.
Toxicity and product thereof, Inducing. J. E. Harvey, Jr., R. H. White, Jr., and J. A. Vaughn. 2,363,243; Nov. 21.
Toy. E. W. Baggott. 2,345,173; Mar. 28.
Toy. F. J. Ebeling. 2,357,179; Aug. 29.
Toy. S. H. Gainsley. 2,352,676; July 4.
Toy. P. F. and E. C. Gosswein. 2,344,607; Mar. 21.
Toy. E. Herz. 2,363,588; Nov. 28.
Toy. F. M. Hoover. 2,351,762; June 20.
Toy. H. L. Morrison. 2,341,283; Feb. 8.
Toy. R. K. Ostrander. 2,349,984; May 30.
Toy. E. F. Rebholz. 2,338,738; Jan. 11.
Toy. N. J. Stivers. 2,360,593; Oct. 17.
Toy airplane. J. D. Davidson. 2,364,427; Dec. 5.
Toy airplane. G. W. Isgrig. 2,358,514; Sept. 19.
Toy airplane. J. M. H. Jacobs. 2,357,005; Aug. 29.
Toy, Airplane. W. Lines. 2,346,850; Apr. 18.
Toy airplane and its manufacture. H. F. Gade. 2,344,693; Mar. 21.
Toy boat or glider. W. H. Paull. 2,351,542; June 13.
Toy bombsight and bomber. T. D. Pitts. 2,359,383; Oct. 3.
Toy, Boxing. F. Carrol. 2,358,907; Sept. 26.
Toy building elements, Method and apparatus for molding. A. Sommerfeld. 2,351,885; June 20.
Toy cards, Manufacture of. H. N. Pedersen. 2,360,973; Oct. 24.
Toy crane and attachments. C. E. Williams. 2,361,159; Oct. 24.
Toy, Figure. S. T. Hayes. 2,352,895; July 4.
Toy furniture. H. Davis. 2,355,957; Aug. 15.

Toy, Gravity-actuated figure. O. F. Croggon. 2,365,522; Dec. 19.
Toy gun. C. H. Hagopian. 2,362,065; Nov. 7.
Toy gun. J. A. Sigg. 2,356,706; Aug. 22.
Toy, Gyroscopic. V. F. Wigal. 2,364,117; Dec. 5.
Toy kite. F. Gene, also known as Yee, Ming Hor. 2,349,417; May 23.
Toy locomotive, Worm drive. M. H. Frisble. 2,348,616; May 9.
Toy monorail train and handcar. C. P. Lent. 2,346,978; Apr. 18.
Toy organ. J. Green. 2,353,890; July 18.
Toy parachute. E. Kalep. 2,363,970; Nov. 28.
Toy pistol. M. Hirsch. 2,361,843; Oct. 31.
Toy pistol. R. J. Rickenbacher. 2,360,979; Oct. 24.
Toy rabbit. D. E. Gumb. 2,361,196; Oct. 24.
Toy railway car, Load catapulting. R. G. Smith. 2,356,280; Aug. 22.
Toy silo filler. F. E. Thomas. 2,340,826; Feb. 1.
Toy stick horse. R. G. Harless. 2,351,510; June 13.
Toy train. E. Hickling. 2,360,030; Oct. 10.
Toy, Treadmill. F. E. Thomas. 2,364,253; Dec. 5.
Tracer mechanism. D. E. Williamson. 2,345,022; Mar. 28.
Traces of foreign gases, vapors or mists in the atmosphere, Method and device for detecting. J. Boeke. 2,363,478; Nov. 28.
Tracing cloth, Making waterproof. N. J. Brown. 2,361,082; Oct. 24.
Track approach bridge. H. H. Rosebrook and F. D. Rosebrook. 2,361,873; Oct. 31.
Track block. C. W. Leguillon and A. S. Krotz. 2,353,050; July 4.
Track block. E. F. Norelius. 2,363,015; Nov. 21.
Track chain vehicle. W. Jirsak and O. Falk. 2,338,436; Jan. 4.
Track circuit signaling system, Coded. N. D. Preston. 2,342,488–9; Feb. 22.
Track circuit signaling system, Coded. W. H. Reichard. 2,353,931; July 18.
Track circuit signaling systems, Coded. R. M. Phinney and O. S. Field. 2,349,460; May 23.
Track circuit system of railway signaling, Coded. R. M. Laurenson. 2,356,460; Aug. 22.
Track, Crawler. J. A. Law. 2,364,857; Dec. 12.
Track, Flexible. R. Mayne. 2,342,953; Feb. 29.
Track for handling pig metal. C. Gall and F. J. Prucha. 2,362,749; Nov. 14.
Track for mounting, Road machine. H. C. French and G. J. Storatz. 2,357,511; Sept. 5.
Track for self-laying track type vehicles, Separable. R. Mayne and C. D. Berry. 2,338,819; Jan. 11.
Track for self-laying track vehicles. R. Mayne. 2,343,239; Mar. 7.
Track for self-laying track vehicles, Flexible. R. Mayne. 2,345,763; Apr. 4.
Track for toy vehicles. E. Horn. 2,350,760; June 6.
Track for track-laying vehicles. N. B. Wales. 2,351,647; June 20.
Track for vehicles. K. D. Smith and R. Mayne. 2,350,076; May 30.
Track for vehicles, Self-laying. O. Singer. 2,346,089; Apr. 4.
Track indication system. R. E. Harlow. 2,345,473; Mar. 28.
Track lifter. H. H. Talboys and H. E. Erickson. 2,355,573; Aug. 8.
Track mechanism, Self-laying. R. Mayne. 2,338,817; Jan. 11.
Track, Pneumatic. H. T. Kraft. 2,365,279; Dec. 19.
Track roller seal. F. A. Schick. 2,358,830; Sept. 26.
Track sander for locomotives. G. S. Turner. 2,339,965; Jan. 25.
Track sanding device. F. E. Saari. 2,342,895; Feb. 29.
Track shoe. H. A. Knox. 2,342,675; Feb. 29.
Track stabilizing method and system, Control. H. I. Relskind. 2,363,361; Nov. 21.
Track switch for toy railways. N. L. Case. 2,340,042; Jan. 25.
Track, Tractor. C. M. Sloman and G. Giusti. 2,338,550; Jan. 4.
Track tread, Endless. F. E. Burgess. 2,353,124; July 11.
Track unit, Endless. H. Law. 2,346,848; Apr. 18.
Traction device. A. B. Austin. 2,343,131; Feb. 29.
Traction device. J. A. Bombardier. 2,355,266; Aug. 8.
Traction device. D. M. Sayler. 2,359,586; Oct. 3.
Traction device for skis. A. Courage. 2,358,213; Sept. 12.
Traction device for vehicle wheels. J. Mickelson. 2,353,916; July 18.
Traction lift device. B. W. White. 2,361,074; Oct. 24.
Traction motor control mechanism. L. J. Brasher. 2,345,788; Apr. 4.
Traction unit, Demountable. W. E. Wine. 2,363,105; Nov. 21.
Traction wheel. N. H. Nelson. 2,361,864; Oct. 31.
Tractor. L. Champion. 2,349,141; May 16.
Tractor. H. S. Eberhard. 2,363,052; Nov. 21.
Tractor. I. D. Maxon, M. Sklovsky and W. H. Nordenson. 2,340,134; Jan. 25.
Tractor. I. D. Maxon, M. Sklovsky, and W. H. Nordenson. 2,345,351; Mar. 28.
Tractor. A. W. Opheim. 2,345,496; Mar. 28.
Tractor, Artillery. Z. Hollós. 2,364,361; Dec. 5.
Tractor attachment. E. W. Austin. 2,341,853; Feb. 15.
Tractor attachment. G. Geraldson. 2,354,084; July 18.
Tractor attachment. C. T. Ray. 2,357,847; Sept. 12.
Tractor attachment, Farm. I. C. Atchison. 2,341,417; Feb. 8.
Tractor-carried loading apparatus. C. C. Baldwin. 2,349,335; May 23.
Tractor, Crawler. L. E. Younie. 2,344,764; Mar. 21.
Tractor draft attachment for implements. C. T. Ray. 2,358,281; Sept. 12.
Tractor drawbar structure or device. B. C. Olmstead and F. J. Terry. 2,341,807; Feb. 15.
Tractor for agricultural implements. H. G. Ferguson. 2,356,231; Aug. 22.
Tractor guide. C. C. Toelle. 2,349,527; May 23.
Tractor hitch. C. T. Peacock. 2,357,761; Sept. 5.
Tractor implement attaching means. H. E. Altgelt. 2,361,362; Oct. 31.
Tractor implement attachment. H. P. Smith. 2,358,539; Sept. 19.
Tractor lister attachment. C. T. Ray. 2,357,848; Sept. 12.
Tractor mounted crane. R. C. Shoemaker. 2,362,220; Nov. 7.
Tractor-mounted implement. B. R. Benjamin. 2,351,473; June 13.
Tractor-mounted implement. B. R. Benjamin. 2,358,298; Sept. 19.
Tractor-mounted implement. J. L. Hipple. 2,341,179; Feb. 8.
Tractor-mounted implement. B. M. Hyman. 2,358,513; Sept. 19.
Tractor-mounted implement. A. E. W. Johnson. 2,341,181; Feb. 8.
Tractor-mounted implement. C. W. Mott. 2,346,321; Apr. 11.
Tractor-mounted implement. R. A. Ratcliff. 2,344,326; Mar. 14.
Tractor-mounted implement. R. A. Ratcliff. 2,346,330; Apr. 11.
Tractor mower. W. J. Coultas and E. T. Johnson. 2,342,844; Feb. 29.
Tractor operated disk harrow. E. R. Simonka. 2,343,482; Mar. 7.
Tractor planter attachment. C. T. Ray. 2,358,280; Sept. 12.
Tractor propelled implement. G. W. Mork. 2,345,620; Apr. 4.
Tractor, Snow. E. M., E. M., Jr., and J. M. Tucker. 2,341,000; Feb. 8.
Tractor two-row planter attachment. C. T. Ray. 2,357,849; Sept. 12.
Tractor-trailer combination. F. Neal. 2,343,019; Feb. 29.
Tractor-trailer combination. S. B. Winn. 2,346,888; Apr. 18.
Tractor-trailer coupling means. G. Walther and E. L. Miller. 2,359,498–9; Oct. 3.
Tractor valve. J. C. Crowley. 2,339,381; Jan. 18.
Tractor vehicle. W. C. Thompson. 2,361,800; Oct. 31.
Tractor, Wheel equipped. G. S. Allin. 2,352,593; July 4.
Tractor with hydraulic drive. J. O. Hamren. 2,349,265; May 23.
Traffic control and flashlight device, Combination. G. D. Hefner. 2,340,530; Feb. 1.
Traffic control device. T. B. Holliday. 2,347,194; Apr. 25.
Traffic control for power conveyers. C. W. Kampfer. 2,349,968; May 30.
Traffic controlling apparatus, Railway. C. E. Staples. 2,353,421; July 11.
Traffic controlling system for railroads, Centralized. T. J. Judge. 2,344,702; Mar. 21.
Traffic controlling system for railroads, Centralized. R. M. Phinney and G. W. Davison. 2,355,327; Aug. 8.
Traffic counting apparatus. G. G. Wiley. 2,340,634; Feb. 1.
Traffic locking circuit. C. D. Ihrig. 2,354,023; July 18.
Traffic signal. M. Garland. 2,341,862; Feb. 15.
Traffic speed measuring and controlling apparatus. D. P. Fitzsimmons. 2,361,466; Oct. 31.
Trailer. L. Hathaway. 2,356,741; Aug. 29.
Trailer. W. A. Heinrich. 2,344,551; Mar. 21.
Trailer. J. J. McGlothlin. 2,355,663; Aug. 15.
Trailer. E. H. Willetts. 2,354,344; July 25.
Trailer body and floor construction. R. A. Fontaine. 2,363,170; Nov. 21.
Trailer, Collapsible. E. H. Marple. 2,343,261; Mar. 7.
Trailer, Combination. T. H. Jacob. 2,355,443; Aug. 8.
Trailer dolly. E. C. McDaniel. 2,350,624; June 6.
Trailer for boats. C. R. Livermon. 2,361,951; Nov. 7.
Trailer front and stabilizer and rest. C. D. Swan. 2,347,524; Apr. 25.
Trailer hitch. J. D. Caton. 2,347,081; Apr. 18.
Trailer hitch. J. A. Fears. 2,348,533; May 9.
Trailer hitch. O. T. Stall. 2,342,907; Feb. 29.
Trailer, Lawn mower. L. P. Clark. 2,354,576; July 25.
Trailer, Logging. J. J. Low. 2,343,872; Mar. 14.
Trailer stabilizer. E. C. McDaniel. 2,344,921; Mar. 21.
Trailer support. F. F. Meyer. 2,356,941; Aug. 29.
Trailer, Tractor. W. E. Miller. 2,341,939; Feb. 15.

Trailer, Transport. V. J. Hultquist. 2,364,365; Dec. 5.
Trailer wheel supporting means. F. E. Miner. 2,345,945; Apr. 4.
Trailer, Wreck. H. J. Troche and J. H. Holan, Jr. 2,350,841; June 6.
Train detecting and reporting apparatus. G. W. Baughman. 2,342,315; Feb. 22.
Train detecting and reporting apparatus. H. A. Wallace. 2,342,314; Feb. 22.
Train, Multiple-unit. A. H. Candee. 2,342,724; Feb. 29.
Train order delivery device. R. H. Jones. 2,341,445; Feb. 8.
Train order holding device. W. L. White and W. L. White. 2,363,214; Nov. 21.
Trainer, Aerial gunnery. J. E. Haile, Jr. 2,364,070; Dec. 5.
Trainer for teaching airplane controls. R. L. West. 2,341,253; Feb. 8.
Training aid. R. M. Kissinger. 2,358,075; Sept. 12.
Training device. J. M. Penyacska. 2,347,502; Apr. 25.
Training device. L. D. Plotner. 2,344,454; Mar. 14.
Transducer. H. B. Shapiro. 2,353,089; July 4.
Transfer and disseminating apparatus, Heat. C. P. Grimes. 2,348,127; May 2.
Transfer and walker device. F. Gahm. 2,339,007; Jan. 11.
Transfer apparatus. R. E. Schurtz and J. N. Roth. 2,346,875; Apr. 18.
Transfer arm. M. D. Heyman. 2,352,632; July 4.
Transfer case for power transmissions. C. J. Bock. 2,354,300; July 25.
Transfer equipment for vehicles, Container. R. A. Norbom. 2,339,288; Jan. 18.
Transfer mechanism. A. A. Campbell. 2,358,315; Sept. 19.
Transfer mechanism. H. T. Hallowell, Jr. 2,346,575; Apr. 11.
Transfer mechanism, Binder. H. H. Wheeler. 2,356,637; Aug. 22.
Transfer mechanism, Molded article. W. S. Reynolds. 2,356,271; Aug. 22.
Transfer method and instrument. J. L. Buckmaster. 2,352,615; July 4.
Transfer molding press. G. P. Bohrer. 2,351,582; June 20.
Transfer process. G. Tagliabue. 2,350,840; June 6.
Transfer sheet and link therefor. A. E. Gessler and W. F. Goepfert. 2,357,948; Sept. 12.
Transfer unit. C. G. Comer and B. A. Keener. 2,364,602; Dec. 12.
Transferring apparatus, Warp beam. C. L. Young, Sr. 2,341,550; Feb. 8.
Transferring device. W. L. McNamara. 2,359,432; Oct. 3.
Transferring device for the figures in calculating machines. T. Ohmoto. 2,338,961; Jan. 11.
Transferring machinery. W. L. McNamara. 2,359,433; Oct. 3.
Transformer. H. Bähring. 2,356,558; Aug. 22.
Transformer. M. Cholewa. 2,341,903; Feb. 15.
Transformer. A. R. Davis. 2,361,384; Oct. 31.
Transformer. A. N. Garin. 2,357,098; Aug. 29.
Transformer. F. C. Owen. 2,365,722; Dec. 26.
Transformer. J. M. Wilson. 2,343,725; Mar. 7.
Transformer anchoring means. R. Boeringer. 2,351,097; June 13.
Transformer arrangement, High frequency. R. F. Foster. 2,361,187; Oct. 24.
Transformer circuit. A. N. Garin. 2,358,631; Sept. 19.
Transformer construction, Three-phase. E. J. Lehman, D. E. Wiegand, and J. O. Fenwick. 2,355,169; Aug. 8.
Transformer, Current. A. T. Sinks. 2,341,954; Feb. 15.
Transformer, Direct current. T. A. Rich. 2,345,430; Mar. 28.
Transformer, Electrical. G. H. Brown. 2,348,325; May 9.
Transformer, High reactance. L. Wauerer. 2,358,725; Sept. 19.
Transformer, High voltage. F. Beldi. 2,348,239; May 9.
Transformer, Intermediate frequency. R. L. Harvey. 2,344,291; Dec. 5.
Transformer power unit. E. F. Steinert. 2,342,764; Feb. 29.
Transformer, Regulating. Z. O. St. Palley. 2,341,958; Feb. 15.
Transformer system. H. A. Peterson. 2,339,103; Jan. 11.
Transformer tap-changing circuit. T. C. Lennox. 2,342,084; Feb. 15.
Transformer, Welding. J. M. Tyrner. 2,364,881; Dec. 12.
Translating and recording device. E. H. Clark. 2,351,663; June 20.
Translating apparatus, Electric. C. H. Chapman. 2,348,055; May 2.
Translating device, Cathode-ray. H. Ziebolz. 2,358,902; Sept. 26.
Translation device. C. R. Doty. 2,343,404; Mar. 7.
Translator. J. O. Ballinger and E. B. Worthington. 2,351,904; June 20.
Translator, Card. G. R. Stibitz. 2,361,246; Oct. 24.
Translucent structure. T. C. Woodman. 2,359,347; Oct. 3.
Transmission. O. H. Banker. 2,347,654; May 2.
Transmission. P. Brissonnet and G. A. Durand. 2,344,078; Mar. 14.
Transmission. E. P. Bullard, III. 2,355,623; Aug. 15.
Transmission. E. P. Bullard, III, E. N. Cowell, and F. H. Mussler. 2,355,624; Aug. 15.
Transmission. E. P. Bullard, III, E. N. Cowell, and F. H. Mussler. 2,355,626; Aug. 15.
Transmission. B. J. Craig. 2,350,989; June 13.
Transmission. A. Y. Dodge. 2,355,709; Aug. 15.
Transmission. C. Gerst. 2,361,190; Oct. 24.
Transmission. H. R. Greenlee. 2,354,257; July 25.
Transmission. V. Haigh. 2,360,506; June 6.
Transmission. James, W. S. 2,339,269; Jan. 18.
Transmission. W. S. James. 2,351,213; June 13.
Transmission. J. Jandasek. 2,343,500; Mar. 7.
Transmission. J. Jandasek. 2,361,104-5; Oct. 24.
Transmission. J. Jandasek. 2,365,879; Dec. 26.
Transmission. A. L. Johnson. 2,348,980; May 16.
Transmission. R. Lapaley. 2,347,352; Apr. 25.
Transmission. A. J. Meyer and R. E. Taylor. 2,351,061; June 13.
Transmission. C. H. Richards. 2,341,946; Feb. 15.
Transmission. B. A. Swennes. 2,344,656; Mar. 21.
Transmission. G. A. Wahlmark. 2,360,025; Oct. 10.
Transmission and control mechanism. G. H. Johnson. 2,355,869; Aug. 15.
Transmission and control mechanism. F. A. Parsons. 2,339,102; Jan. 11.
Transmission and control mechanism. F. A. Parsons. 2,355,554; Aug. 8.
Transmission and control mechanism. F. A. Parsons. 2,357,222; Aug. 29.
Transmission and drive, Fluid. C. A. Martin. 2,362,389; Nov. 7.
Transmission, Automatic. J. Buchhart. 2,349,937; May 30.
Transmission, Automatic. F. W. Seybold. 2,366,063; Dec. 26.
Transmission control. H. E. Carnagua. 2,351,483; June 13.
Transmission control. T. Iavelli. 2,343,298; Mar. 7.
Transmission control in two-way signal transmission systems. K. H. Davis. 2,352,081; June 20.
Transmission control structure. L. D. Boyce and I. C. McKechnie. 2,364,774; Dec. 12.
Transmission control in two-way signaling systems. A. C. Norwine. 2,356,943; Aug. 29.
Transmission control mechanism. G. T. Randol. 2,357,781; Sept. 5.
Transmission, Five-speed. W. A. Duffield. 2,355,427; Aug. 8.
Transmission, Fluid brake operating. F. P. Lanza. 2,355,876; Aug. 15.
Transmission, Geared power. P. C. Day. 2,345,733; Apr. 4.
Transmission gearing. G. Hall and E. Brierley. 2,346,752; Apr. 18.
Transmission gearing. L. B. MacGregor. 2,355,666; Aug. 15.
Transmission, Hydraulic. H. Hagen. 2,354,456; July 25.
Transmission line. M. Katzin and F. J. W. Schoenborn. 2,351,520; June 13.
Transmission line. H. J. R. von Baeyer, H. O. Roosenstein, and F. Tischer. 2,343,475; Mar. 7.
Transmission line, Coaxial. W. A. Bruno. 2,359,350; Oct. 3.
Transmission line load for high frequencies. H. E. Goldstine. 2,354,809; Aug. 1.
Transmission line spacer. C. L. Rousult. 2,355,111; Aug. 8.
Transmission mechanism. L. P. Crosman. 2,339,154; Jan. 11.
Transmission mechanism. C. D. Peterson and A. H. Delmel. 2,360,976; Oct. 24.
Transmission mechanism. T. H. Ryan. 2,364,919; Dec. 12.
Transmission mechanism. G. F. Sheppard. 2,360,521; Oct. 17.
Transmission mechanism. E. W. Weaver. 2,349,064; May 16.
Transmission mechanism and control means therefor. E. R. Burtnett. 2,341,512; Feb. 15.
Transmission monitoring system. N. Botsford. 2,362,348; Nov. 7.
Transmission network, Frequency selective. S. Y. White. 2,346,804; Apr. 18.
Transmission, Open type variable-speed. C. E. Johnson and E. Mendenhall. 2,341,786; Feb. 15.
Transmission, Power. F. T. Harrington. 2,345,973-4; Apr. 4.
Transmission, Power. F. T. Harrington, L. R. Twyman, and J. Robinson. 2,347,261; Apr. 25.
Transmission, Power. J. Robinson. 2,354,278; July 25.
Transmission, Power. L. Zimmermann. 2,353,802; July 18.
Transmission regulation. H. S. Black. 2,361,593; Oct. 31.
Transmission synchronizer. S. O. White. 2,339,969; Jan. 25.
Transmission system. G. M. Giannini and B. Eisenberg. 2,365,187; Dec. 19.
Transmission system. G. G. Light. 2,346,173; Apr. 11.

Transmission system. E. J. Poitras and J. D. Tear. 2,343,386; Mar. 7.
Transmission system, Electric wave. J. G. Kreer, Jr., and C. O. Mallinckrodt. 2,340,813; Feb. 1.
Transmission system for measuring instruments, Movement. E. I. N. Weingart. 2,355,688; Aug. 15.
Transmission system for statistical data. A. H. Dickinson. 2,355,281-2; Aug. 8.
Transmission system, Hydraulic power. H. W. Adams and E. S. Kleinhans. 2,355,357; Aug. 8.
Transmission system, Pneumatic. C. B. Moore. 2,359,236; Sept. 26.
Transmission system, Television. A. H. Rosenthal. 2,355,110; Aug. 8.
Transmission, Turbo. J. Jandasek. 2,339,483-4; Jan. 18.
Transmission, Turbo. J. Jandasek. 2,345,752; Apr. 4.
Transmission, Turbo. J. Jandasek. 2,360,234; Oct. 10.
Transmitter, Keyboard operated code. R. E. Mathes. 2,361,115; Oct. 24.
Transmitter. E. T. Baldwin. 2,354,733; Aug. 1.
Transmitter. A. F. Horlacher. 2,354,021; July 18.
Transmitter, Barometric telemetering. C. F. Wallace. 2,340,718; Feb. 1.
Transmitter having impulse modulation. R. E. Gray. 2,357,398; Sept. 5.
Transmitter, Keyboard facsimile. K. Winklemann. 2,350,855; June 6.
Transmitter, Key-operated telephone call. C. D. Richard. 2,339,195; Jan. 11.
Transmitter, Preset call. C. N. Hickman and R. F. Mallina. 2,346,305; Apr. 11.
Transmitter, Radiometeorograph. C. F. Wallace. 2,352,578; June 27.
Transmitter, Telegraphy. F. Hennig. 2,340,590; Feb. 1.
Transmitter, Telephone call. F. A. Hubbard. 2,355,976; Aug. 15.
Transmitter, Telephone call. C. E. Newell. 2,358,586; Sept. 19.
Transmitter, Testing. K. Koschmieder. 2,340,539; Feb. 1.
Transmitter tubes, Arrangement to disconnect. W. Kummerer. 2,353,677; July 18.
Transmitters, Fabricating fluid power. G. R. Pennington. 2,365,354; Dec. 19.
Transmitting device, Power. J. D. Bell. 2,353,285; July 11.
Transmitting mechanism. D. Balk. 2,351,591; June 20.
Transmitting or receiving set, Wireless. D. Boterweg, and F. C. W. Slooff. 2,351,185; June 13.
Transmitting system, Television. O. H. Schade. 2,344,736; Mar. 21.
Transom drive for motorboats. W. J. Snadecki. 2,345,689; Apr. 4.
Transparency difference of sound records in multilayer materials, Increasing the. W. Schneider and N. Senger. 2,341,508; Feb. 8.
Transparency mount. H. S. Baldwin. 2,352,243; June 27.
Transparency mount. H. L. Fitch and T. L. O'Toole. 2,362,434; Nov. 7.
Transparent material on glass, Evaporation of. G. L. Dimmick. 2,338,234; Jan. 4.
Transparent material, Reduction in reflection from. G. L. Dimmick. 2,338,233; Jan. 4.
Transparent member. W. Walker. 2,341,673; Feb. 15.
Transparent panel mounting. L. Warren and A. M. Anderson. 2,358,485; Sept. 19.
Transplanter. D. R. Preece. 2,361,236; Oct. 24.
Transportation of finely divided solids. F. B. Hilmer and N. E. Peery. 2,350,759; June 6.
Transportation, System of. A. M. Embiricos and F. B. Woodworth. 2,399,257; Jan. 18.
Trap; See—
Animal trap.
Beetle trap.
Cinder trap.
Filter and solids trap.
Fly trap.
Insect trap.
Minnow trap.
Mole trap.
Mouse trap.
Rat trap.
Sewer trap.
Waste and grease trap.
Trap. F. Doverspike. 2,353,817; July 18.
Trap. E. F. Mogren. 2,340,484; Feb. 1.
Trap and safety catch therefor, Animal. H. A. Stilson. 2,343,589; Mar. 7.
Trap for gophers, rats, and similar rodents. C. B. Glass. 2,348,002; May 2.
Trap for removable reflector filters for one-shot multicolor plate cameras. A. Schusterman. 2,354,405; July 25.
Trap gun. H. F. Mossberg. 2,351,869; June 20.
Trap with auxiliary spring, Animal. I. P. Melaas. 2,363,740; Nov. 28.
Trash clearer. C. H. White. 2,342,911; Feb. 29.
Trash from paper pulping machines, Removing. E. Cowles. 2,340,511; Feb. 1.
Trash pail cover. M. Lumley. 2,348,349; May 9.
Trash roll construction. J. L. Aasland. 2,349,328; May 23.
Traverse mechanism for card stripping apparatus. C. E. White. 2,365,654; Dec. 19.
Traversing apparatus. E. Fletcher and E. J. Fisher. 2,352,781; July 4.
Traveling case. A. Fridolph. 2,343,763; Mar. 7.
Traveling message sign. M. L. Haselton and C. S. Whitney, Jr. 2,343,294; Mar. 7.
Traversing means for winding machines. W. Reiners, G. Kahlisch, and S. Furst. 2,365,434; Dec. 19.
Tray. R. A. Miller. 2,340,483; Feb. 1.
Tray. O. E. Nabholz. 2,360,709; Oct. 17.
Tray. O. E. Nabholz. 2,366,123; Dec. 26.
Tray, Article holding. W. L. Hoff. 2,353,401; July 11.
Tray, Ash. J. K. Dodge and M. W. Johnson. 2,344,682; Mar. 21.
Tray, Bubble. H. C. Glitsch. 2,341,091; Feb. 8.
Tray, Cigarette. J. M. Kisselle. 2,351,052; June 13.
Tray, Cigarette. J. M. Kisselle and C. E. McCormick. 2,364,078; Dec. 5.
Tray construction. S. Saul, Jr. 2,356,473; Aug. 22.
Tray conveyer, Traveling. W. C. Lubahn. 2,339,494; Jan. 18.
Tray equipped chair. A. G. Feldman. 2,342,043; Feb. 15.
Tray for flowers, Shipping. P. Bacigalupi. 2,358,295; Sept. 19.
Tray for heat treating furnaces, Work supporting. A. Ruckstahl. 2,338,784; Jan. 11.
Tray, Ice. R. L. Hallock. 2,349,422; May 23.
Tray, Ice cube. L. L. Mallard. 2,360,249; Oct. 10.
Tray, Ice freezing. C. E. Dodson. 2,345,799; Apr. 4.
Tray, Illuminated automobile ash. J. D. Palmer. 2,352,493; June 27.
Tray, Impression. S. L. Jeffries. 2,352,545; June 27.
Tray, Letter. E. S. Gavin. 2,360,218; Oct. 10.
Tray, Packing. R. D. Friday. 2,351,754; June 20.
Tray rack. J. J. McDonald. 2,338,290; Jan. 4.
Tray, Safety ash. J. S. Brittingham. 2,341,136; Feb. 8.
Tray tier support. W. L. Snelling. 2,349,385; May 23.
Tray trim, Butcher. J. D. Gray and K. W. Chapman. 2,366,099; Dec. 26.
Tray with ice release cam structure, Freezing. L. L. Mallard. 2,343,565; Mar. 7.
Tray with ice release, Freezing. L. L. Mallard. 2,340,675; Feb. 1.
Tread unit for endless tracks. F. E. Burgess. 2,350,444; June 6.
Tread unit for shoes. K. A. Stritter. 2,361,511; Oct. 31.
Treating and storing device. G. D. Arnold. 2,365,240; Dec. 19.
Treating cast iron. F. B. Rote. 2,352,452; June 27.
Treating fibrous materials, Method and apparatus for. S. Bogaty. 2,338,619; Jan. 4.
Treating fluid. C. V. Swearingen. 2,364,488; Dec. 5.
Treating fluids, Method and apparatus for electrically. H. Wolfe. 2,364,118; Dec. 5.
Treating glass surfaces. F. W. Adams. 2,359,071; Sept. 26.
Treating magnesium minerals. W. R. Kleckner. 2,349,556; May 23.
Treating materials and articles so produced, Process and article for. C. S. Francis, Jr., and W. Wade. 2,353,717; July 18.
Treating oil wells. K. H. Andresen. 2,365,039; Dec. 12.
Treating oils to produce antiknock gasolines or aromatic type liquids. J. S. Walton. 2,345,718; Apr. 4.
Treating paper stock, Method and apparatus for. E. Cowles. 2,351,492; June 13.
Treating process. J. W. Payne. 2,351,875; June 20.
Treating substances, method and apparatus for. R. H. Faah. 2,341,536; Feb. 15.
Treating surfaces. H. Osterberg, G. E. Pride, and R. K. Luneburg. 2,351,536; June 13.
Treating tank. I. W. Lovelady and V. Palmer. 2,342,950; Feb. 29.
Treating tin hardhead to recover tin. C. B. Porter. 2,364,815; Dec. 12.
Treating wells, Method and apparatus for. J. J. Grebe. 2,361,195; Oct. 24.
Treating yarns with wax. G. J. H. Dykeman and A. C. Goodings. 2,340,048; Jan. 25.
Treatment of animal carcasses. B. E. Williams. 2,341,199; Feb. 8.
Treatment of butane. V. N. Ipatieff and H. Pines. 2,348,700; May 9.
Treatment of cast iron. A. L. Boegehold. 2,339,673; Jan. 18.
Treatment of catalysts comprising alumina and aluminum halide. M. de Simó and H. A. Cheney. 2,339,685; Jan. 18.
Treatment of gas scrubbing agents. J. B. Claffey. 2,344,969; Mar. 28.
Treatment of hydrocarbons. L. Schmerling. 2,348,701; May 9.
Treatment of molds and compositions therefor. H. G. Bimmerman and A. L. Fox. 2,356,814; Aug. 29.
Treatment of solvent refined oils with adsorbents. T. P. Simpson, J. W. Payne, and P. D. Valas. 2,346,127; Apr. 11.
Tree. Shoe. J. R. Bernstein. 2,362,237; Nov. 7.
Tree treatment. N. J. Johnson. 2,347,324; Apr. 25.
Tree-type display rack. H. C. Robinson and T. F. Challis. 2,361,060; Oct. 24.
Triarylemethane dyes, Producing. O. B. Brant. 2,359,733; Oct. 10.
Triaryl phosphates, Preparation of. W. C. Stoesser and A. H. Widiger, Jr. 2,358,133; Sept. 12.
Triazine derivatives. G. F. D'Alelio and J. W. Underwood. 2,338,493; Jan. 4.
Triazine derivatives. G. F. D'Alelio and J. W. Underwood. 2,355,423; Aug. 8.

Triazinyl carboxy-alkyl sulphides. Composition containing. G. F. D'Alelio and J. W. Underwood. 2,338,492; Jan. 4.
Triazole derivatives. G. F. D'Alelio. 2,352,944; July 4.
Trichlorethylene. Manufacture of. W. H. Vining. 2,361,072; Oct. 24.
Trichlorethylene, Polymerizing. M. Mugdan and J. Wimmer. 2,338,297; Jan. 4.
Triethanolamine hydrochloride composition for coccidiosis. P. D. Harwood. 2,362,003; Nov. 7.
Trigger mechanism. R. Gradle. 2,346,484; Apr. 11.
Trigger mechanism for automatic firearms. J. Vesely. 2,360,180; Oct. 10.
Trim for plumbing fixtures. J. C. McCarthy. 2,350,790; June 6.
Trim panel. E. P. Bolen and E. R. Detrick. 2,349,139–40; May 16.
Trimethylene chlorbromide. C. B. Gardner. 2,352,782; July 4.
Trimethylolnitromethane, Producing. R. F. B. Cox. 2,347,312; Apr. 25.
Trimmer for chain welding machines. O. W. Winter. 2,346,197; Sept. 12.
Trimmer, Hedge. M. S. Rudd. 2,347,579; Apr. 25.
Trimming and forming machine and the like. W. A. Weightman. 2,352,816; July 4.
Trimming attachment, Hydraulic. L. H. Morin. 2,343,073; Feb. 29.
Trimming board. A. I. Blanc. 2,345,450; Mar. 28.
Trimming device, Intermittent selvage. J. E. Repass. 2,343,076; July 4.
Trimming form grinder wheels, Method and apparatus for. W. G. Greve. 2,358,393; Sept. 19.
Trimming machine. C. G. Brostrom. 2,359,893; Oct. 10.
Trimming machine. L. S. Curtin. 2,343,960; Mar. 14.
Trimming machine. W. S. Reynolds. 2,359,939; Oct. 10.
Trimming mechanism for grinding wheels. R. J. Bullows. 2,345,323; Mar. 28.
Trimming tool. E. G. Whipple. 2,359,954; Oct. 10.
Trioxane, Preparation of. J. F. Walker. 2,347,447; Apr. 25.
Trip and control mechanism for mail-treating machines. C. D. Ryan and E. P. Drake. 2,363,554; Nov. 28.
Trip lever, Toilet tank. J. C. Owens. 2,358,471; Sept. 19.
Trip means for safety control devices and the like. J. H. Thornbery and T. A. Wetzel. 2,340,234; Jan. 25.
Trip mechanism. R. L. Wilcox. 2,359,815; Oct. 10.
Trip sheave. E. V. Miller. 2,361,702; Oct. 31.
Trip tube. J. F. Shaw. 2,345,836; Apr. 4.
Tripod base. H. Brady. 2,357,165; Aug. 29.
Tripod case. R. F. Love. 2,352,794; July 4.
Tripod, Folding. T. Petersen. 2,343,924; Mar. 14.
Tripod head for cameras and the like. K. T. Greenwood. 2,354,515; July 25.
Tripod improvement. E. L. Fischer. 2,343,050; Feb. 29.
Triosan dyestuffs. J. Gyr and R. Gunst. 2,362,548; Nov. 14.
Trolley conductor device. R. P. Hanna and A. G. Scott. 2,338,510; Jan. 4.
Trolley conductor device. R. P. Hanna and A. G. Scott. 2,345,117; Mar. 28.
Trolley contactor. F. H. Richterkessing. 2,357,289; Sept. 5.
Trolley ear. S. S. Matthes. 2,362,082; Nov. 7.
Trolley frog. R. P. Hanna. 2,345,118; Mar. 28.
Trolley pole head. T. R. Rideout. 2,363,362; Nov. 21.
Trolley system, Free. J. E. McBride. 2,344,155; Mar. 14.
Trolley system, Overhead. W. J. Lewis. 2,360,064; Oct. 10.
Trolley wire hanger. S. S. Matthes. Re. 22,472; Apr. 18.
Trolley wire support. S. S. Matthes. 2,354,869; Aug. 1.
Tropic acid amide and manufacture theerof. W. Wenner. 2,347,723; May 2.
Trouble indicating system. F. A. Korn. 2,364,796; Dec. 12.
Trough for livestock, Feeding. O. P. Crim. 2,342,180; Feb. 22.
Trough structure. H. W. Specketer. 2,365,498; Dec. 19.
Trouser hanger. J. De Gray. 2,344,604; Mar. 21.
Troweling machine, Cement. W. H. Lewis. 2,362,490; Nov. 14.
Truck. R. B. Cottrell. 2,360,649; Oct. 17.
Truck. L. A. Lehrman. 2,365,198; Dec. 19.
Truck. D. M. Light. 2,365,199. Dec. 19.
Truck. M. H. Martin. 2,338,952; Jan. 11.
Truck. M. H. Martin. 2,357,530; Sept. 5.
Truck. M. H. Martin. 2,357,677; Sept. 5.
Truck. M. H. Martin. 2,364,462; Dec. 5.
Truck. A. F. Randall. 2,357,548; Sept. 5.
Truck. R. J. Stoddard. 2,359,258–9; Sept. 26.
Truck. W. G. Venard. 2,344,755; Mar. 21.
Truck and article carrier structure assembly. P. C. James. 2,338,645; Jan. 4.
Truck and lift, Combination hand. W. F. Thompson and T. P. Callahan. 2,357,784; Sept. 5.
Truck, Barrel. F. J. Bilek and F. Pleckl. 2,346,649; Apr. 18.
Truck brake. A. O. Williams. 2,365,369; Dec. 19.
Truck, Car. F. E. Backman. 2,352,595; July 4.
Truck, Car. W. H. Baselt. 2,348,444; May 9.
Truck, Car. T. V. Buckwalter. 2,352,162–3; June 27.
Truck, Car. R. B. Cottrell. 2,362,980; Nov. 21.
Truck, Car. C. L. Heater. 2,354,975; Aug. 1.
Truck, Car. H. Kump. 2,359,225; Sept. 26.
Truck, Car. C. P. Leese. 2,355,450; Aug. 8.
Truck, Car. D. M. Light. 2,338,856; Jan. 11.
Truck, Car. H. H. Mohl. 2,346,860; Apr. 18.
Truck crane. R. O. Billings. 2,365,167; Dec. 19.
Truck, Dump. A. D. L. Hutchinson. 2,342,939; Feb. 29.
Truck, Electrically propelled. M. G. Clay. 2,355,148; Aug. 8.
Truck for moving skeleton frames for hut constructions. E. Pitou. 2,353,072; July 4.
Truck for yarn holders, Textile. J. M. Jones. 2,340,595; Feb. 1.
Truck, Hand. W. E. Piland. 2,353,264; July 11.
Truck, Hand. W. Zeindler. 2,361,674; Oct. 31.
Truck, Industrial. C. E. Cochran. 2,361,268; Oct. 24.
Truck, Industrial. E. J. Dunham and E. R. Backofen. 2,360,407; Oct. 17.
Truck, Industrial. W. F. Herold. 2,360,874; Oct. 24.
Truck, Industrial. W. F. Herold. 2,361,290; Oct. 24.
Truck, Industrial. G. V. Johnson. 2,349,352–3; May 23.
Truck, Industrial. M. S. Towson. 2,361,333; Oct. 24.
Truck, Industrial. B. Ulinski. 2,339,120; Jan. 11.
Truck, Lift. A. M. Barrett. 2,358,957; Sept. 26.
Truck, Lift. I. F. Schreck. 2,359,493; Oct. 3.
Truck, Load weighing lift. O. S. Carliss. 2,358,770; Sept. 19.
Truck loader. W. Ruddock. 2,350,641; June 6.
Truck lock for crawler tractors, Controllable. C. E. Jones. 2,351,685; June 20.
Truck, Locomotive. P. E. McKamy. 2,348,635; May 9.
Truck, Material transport. J. F. Joy. 2,362,636; Nov. 14.
Truck or cage for raising or lowering material. E. Lapointe, and A. E., and A. E. Zimmerman. 2,354,525; July 25.
Truck, Portable hand. J. C. Chenette. 2,342,178; Feb. 22.
Truck, Railroad car. K. F. Nystrom and V. L. Green. Re. 22,558; Oct. 24.
Truck, Railroad passenger car. K. F. Nystrom and V. L. Green. 2,352,400; June 27.
Truck, Railway. G. F. Couch. 2,348,453; May 9.
Truck, Railway. C. F. Frede and E. C. Jackson. 2,365,692; Dec. 26.
Truck, Railway. T. R. Gilchrist and W. E. Burdick. 2,365,408; Dec. 19.
Truck, Railway. C. N. Rydin. 2,346,614; Apr. 11.
Truck, Railway car. L. B. Jones. 2,360,061; Oct. 10.
Truck, Railway car. D. M. Light. 2,338,857; Jan. 11.
Truck refrigeration. E. W. Lager. 2,353,909; July 18.
Truck, Self-loading dump. R. H. Frost. 2,362,994; Nov. 21.
Truck, Spring cushioned lift. G. Quayle. 2,355,328; Aug. 8.
Truck stanchion. W. E. Stevens. 2,348,269; May 9.
Truck structure, Railway. H. M. Pflager. 2,355,104; Aug. 8.
Truck trailer. W. S. Howell. 2,347,106; Apr. 18.
Truck, Wheel. C. H. Lockwood. 2,358,864; Sept. 26.
Trucks, Controller for industrial. C. E. Cochran. 2,338,097; Jan. 4.
Trucks for transporting machinery and the like, Hand. H. Shackleton and A. D. Pochin. 2,342,430; Feb. 22.
Trunk, Elevator. R. G. Le Tourneau. 2,339,020; Jan. 11.
Trunk locker. L. O. Grice. 2,347,192; Apr. 25.
Trunnion structure, Sealed. B. E. Shaw. 2,365,649; Dec. 19.
Truss. F. B. Lane. 2,343,911; Mar. 14.
Truss, Hernial. G. Ajdukovich. 2,354,494; July 25.
Truss, Moistureproof. M. Portnow. 2,356,426; Aug. 22.
Truss structure. M. Miller. 2,339,095; Jan. 11.
Trysquare. P. Lustrik. 2,340,970; Feb. 8.
Try-square attachment. J. A. Phillips. 2,344,724; Mar. 21.
Tub size for paper. R. D. Smith and H. F. Gardner. 2,348,685; May 9.
Tube: *See*—

Braun tube.	Pitot tube.
Bullet resisting tube.	Puncture seal tube.
Cathode ray tube.	Reactance tube.
Collapsible dispensing tube.	Reactor tube.
Collapsible tube.	Safety inner tube.
Currentless grid tube.	Self-sealing tube.
Electric discharge tube.	Smoker's draft tube.
Electron tube.	Space discharge tube.
Electronic tube.	Supervoltage X-ray tube.
Finned tube.	Television pickup tube.
Gaseous discharge tube.	Thermionic tube.
Heat exchanger-tube.	Tin-coated collapsible tube.
High frequency radio tube	Torpedo tube.
Irradiating tube.	Trip tube.
Luminous discharge tube.	Ultra short wave tube.
Metal envelope radio tube.	Vacuum tube.
Milk tube.	X-ray tube.

Tube. W. W. Eitel. 2,340,460; Feb. 1.
Tube and producing it, Salt-bridge. G. A. Perley. 2,345,498; Mar. 28.
Tube and sheet connection. C. F. Rosenblad. 2,349,792; May 23.
Tube bender. J. N. St. Clair. 2,349,525; May 23.

Tube bender. C. F. Fink. 2,346,871; Apr. 11.
Tube-bending machine. B. F. Bower. 2,357,873; Sept. 12.
Tube bending machine. A. B. Johnson. 2,357,006; Aug. 29.
Tube carton. C. I. Elliott. 2,344,857; Mar. 21.
Tube changer, Fluorescent. W. G. Carney. 2,360,396; Oct. 17.
Tube clamps, Forming. J. W. White and R. R. Harrison. 2,361,139; Oct. 24.
Tube cleaning apparatus. D. E. Schott. 2,352,019; June 20.
Tube cleaning apparatus for boilers and the like. F. G. W. Spears. 2,355,570–1; Aug. 8.
Tube cleaning head. M. B. Spaulding. 2,366,131; Dec. 26.
Tube coating machine, Collapsible. G. W. Temple. 2,346,951; Apr. 18.
Tube coiling device. L. E. Poole. 2,339,424; Jan. 18.
Tube conformer for tube weaving looms. R. Orgass. 2,356,343; Aug. 22.
Tube connecting device. J. M. Larsen. 2,358,814; Sept. 26.
Tube connector. H. T. Kraft. 2,355,871; Aug. 15.
Tube cooler, Rotary water-cooled. R. D. Cheesman. 2,362,539; Nov. 14.
Tube cooler, Water-cooled. R. S. Walker, F. A. Merts, and R. H. Shafter. 2,346,526; Apr. 11.
Tube corrugating machine. N. H. Curtiss and T. J. Aamland. 2,347,086; Apr. 18.
Tube coupling. E. W. Davis. 2,350,017; May 30.
Tube coupling. J. L. Douglass. 2,349,081; May 16.
Tube coupling. H. Kreidel. 2,341,629; Feb. 15.
Tube coupling. A. L. Parker. 2,343,922; Mar. 14.
Tube coupling. A. L. Parker. 2,354,538; July 25.
Tube cutoff tool. C. L. Haynes. 2,356,402; Aug. 22.
Tube dispensing unit, Drip. J. E. B. Shaw. 2,352,349; June 27.
Tube drawing apparatus. E. Linderme, Sr. 2,343,680; Mar. 7.
Tube expander. E. A. Dewald. 2,343,890; Mar. 14.
Tube expanding and flaring machine. A. L. Parker. 2,352,912; July 4.
Tube-expanding and thread-rolling apparatus. A. W. Hallberg. 2,345,871; Apr. 4.
Tube expanding tool. F. F. Fisher. 2,355,852; Aug. 15.
Tube finding tool. R. D. McIntosh. 2,350,054; May 30.
Tube for producing multiple wave lengths. G. Lakhovsky. 2,351,055; June 13.
Tube frame for Axminster looms. S. S. Garrity. 2,342,265; Feb. 22.
Tube gauge safety device for high pressure tanks. J. H. Rodgers. 2,361,872; Oct. 31.
Tube holding and dispensing means, Collapsible. W. C. Oursler. 2,340,681; Feb. 1.
Tube mill. B. Bannister. 2,356,734; Aug. 29.
Tube mill mandrels, Positioning means for. S. Findlater. 2,361,619; Oct. 31.
Tube nose forging furnace. N. L. Etten. 2,344,035; Mar. 14.
Tube perforating machine. G. M. Hartsock and H. S. Rounds. 2,354,860; Aug. 1.
Tube product. C. A. Orr and E. W. Riemenschneider. 2,361,318; Oct. 24.
Tube reducing machine. C. L. Dewey. 2,358,307; Sept. 19.
Tube spacer, Discharge. A. C. Rockwood. 2,358,829; Sept. 26.
Tube squeezer. B. J. Oliver. 2,357,351; Sept. 5.
Tube straightening machine. A. L. Parker. 2,352,284; June 27.
Tube support. W. C. Hensel and L. A. Mekler. 2,345,257; Mar. 28.
Tube system and apparatus, Luminescent. C. P. Boucher and F. A. Kuhl. 2,352,073; June 20.
Tube tester. L. J. de Lanty. 2,346,830; Apr. 18.
Tube testing means. F. J. Cozzoli. 2,339,460; Jan. 18.
Tube type flash boiler water heating device. J. R. Wilson. 2,348,668; May 9.
Tube welding and smoothing. J. L. Anderson. 2,352,306; June 27.
Tubes by extrusion, Method and apparatus for forming. E. Blair. 2,363,635; Nov. 28.
Tubes, Evacuating. W. W. Eitel and J. A. McCullough. 2,358,566; Sept. 19.
Tubes for heat exchange devices, Manufacturing. W. P. Hill. 2,362,694; Nov. 14.
Tubes, Forming closed. G. E. Franck. 2,355,792; Aug. 15.
Tubes, Handling collapsible. M. Hallead. 2,342,337; Feb. 22.
Tubes in wells, Sealing or fixing casing. W. B. Lerch, C. H. Mathis, and E. J. Gatchell. 2,349,181; May 16.
Tubes, Making. W. W. Eitel. 2,340,459; Feb. 1.
Tubes, Making inner. C. J. Burkley. 2,358,126; Sept. 12.
Tubes, Manufacture of inner. A. N. Iknayan. 2,345,200; Mar. 28.
Tubes, Producing tin-coated copper. A. R. Upton. 2,358,892; Sept. 26.
Tubes, Treating expansible plastic. H. H. Snyder. 2,338,210; Jan. 4.
Tubing and the like, Manufacture of plywood. P. R. Goldman. 2,348,291; May 9.
Tubing closure. H. R. Linderfelt and C. E. Metheny. 2,365,888; Dec. 26.
Tubing, Collapsible. A. E. Chernack. 2,340,794; Feb. 1.
Tubing construction. D. W. Fentress. 2,358,291; Sept. 12.
Tubing, Flexible. J. Moseley and W. P. V. Gebbie. 2,365,286; Dec. 19.
Tubing, Method of and apparatus for shaping. J. Benson. 2,357,447; Sept. 5.
Tubing, Producing and treating. F. H. Reichel. 2,346,187; Apr. 11.
Tubing, rods, wires, and the like, Method of and apparatus for bending and forming. V. W. Moray. 2,340,828; May 30.
Tubular article conveyer. S. Webb. 2,356,485; Aug. 22.
Tubular bodies, Centrifugally casting. J. Boucher. 2,344,020; Mar. 14.
Tubular bodies, Resilient. F. Töike. 2,352,038; June 20.
Tubular body. E. C. Crowley. 2,344,538; Mar. 21.
Tubular casings for shipping containers, Making. G. Kress. 2,346,135; Apr. 11.
Tubular connection and sealing means therefor. E. Howe. 2,344,698; Mar. 21.
Tubular container. M. D. Douglas. 2,355,584; Aug. 8.
Tubular container. R. Horning. 2,340,730; May 23.
Tubular film evaporating apparatus. C. M. A. Hermelin. 2,340,657; May 23.
Tubular insert. J. Rosan. 2,353,851; July 18.
Tubular lock. C. Ledin and J. P. Andrew. 2,344,484; Mar. 14.
Tubular lock. S. Segal. 2,351,077; June 13.
Tubular members, Forming and applying cooling fins to. W. B. Bronander. 2,363,224; Nov. 21.
Tubular members, Producing. P. S. Hauton. 2,365,953; Dec. 26.
Tubular product. H. R. Gillette. 2,340,956; Feb. 8.
Tubular structures, Machine for making. A. E. Chernack. 2,366,087; Dec. 26.
Tubers against decay, Protecting. M. Wilson. 2,348,946; May 16.
Tuft making device for automatic brushmaking machines. W. T. West. 2,349,532; May 23.
Tumbler. J. P. Jorgenson and A. G. Kling. 2,359,481; Oct. 3.
Tumbler, Drink mixing. J. H. Karlson. 2,352,205; June 27.
Tumblers, Annealing. C. J. Lanzinger. 2,361,484; Oct. 31.
Tumbling apparatus. J. Lupo. 2,359,322; Oct. 3.
Tumbling apparatus for degreasers. W. D. Phillips and R. A. Van Fossen. 2,362,155; Nov. 7.
Tumbling machine. J. E. Vetorino. 2,360,377; Oct. 17.
Tumbling machine. J. M. Vetorino and N. R. Gendron. 2,360,380; Oct. 17.
Tumbling method for processing articles. J. Lupo. 2,359,323; Oct. 3.
Tumbling mill. S. P. Schummer. 2,359,044; Oct. 10.
Tunable high frequency circuits. J. B. Sherman. 2,344,741; Mar. 21.
Tunable loop antenna circuit. J. A. Rankin. 2,342,491; Feb. 22.
Tuned filter circuit. M. R. Winkler. 2,364,260; Dec. 5.
Tuner. B. A. Schwarz and L. J. Fichter. 2,346,399; Apr. 11.
Tuner, Automatic. Le R. J. Leishman. 2,339,177; Jan. 11.
Tuner for radio receivers, Push-button. H. R. Shaw. 2,354,148; July 18.
Tungsten alloys, Producing. A. Linz. 2,346,382; Apr. 11.
Tungsten bronze articles produced from metal powders. A. J. Marino. 2,338,344; Jan. 4.
Tungsten from its ores, Recovery of. R. G. Hall. 2,351,678; June 20.
Tuning apparatus, Low loss. W. L. Carlson. 2,363,641; Nov. 28.
Tuning arrangement for signaling systems. E. W. Forstrom. 2,349,085; May 16.
Tuning circuit for radio receivers, Band-spread. F. Caplin and C. E. Payne. 2,354,104; July 18.
Tuning device, Mechanical magnetic. H. J. Tyzzer. 2,357,775; Sept. 5.
Tuning head for stringed instruments. J. E. Kluson. 2,356,766; Aug. 29.
Tuning means for radio receivers and the like. R. C. Wilks. 2,364,764; Dec. 12.
Tuning mechanism, L. Fichter and E. Kaegi. 2,342,851; Feb. 29.
Tuning mechanism. L. J. Fichter and B. A. Schwarz. 2,362,690; Nov. 14.
Tuning mechanism. W. R. Koch. 2,356,935; Aug. 29.
Tuning mechanism, Push-button. H. C. Forbes. 2,344,205; Mar. 14.
Tuning system. L. H. Van Billiard. 2,341,345; Feb. 8.

Tuning system, Variable permeability. R. L. Harvey. 2,340,749; Feb. 1.
Tunnels and method of fabrication. S. Paull. 2,363,198; Nov. 21.
Turbidity detector. E. Pick. 2,361,235; Oct. 24.
Turbine. W. Schwier. 2,358,420; Sept. 19.
Turbine apparatus. R. B. Luckenbach. 2,354,761; Aug. 1.
Turbine apparatus. J. L. Ray. 2,348,754; May 16.
Turbine arrangement, Elastic fluid. G. B. Warren. 2,348,042; May 2.
Turbine blading, Elastic fluid. D. J. Bloomberg. 2,355,413; Aug. 8.
Turbine, Combustion. F. Nettel. 2,339,185; Jan. 11.
Turbine, Combustion. J. L. Ray. 2,353,929; July 18.
Turbine disk. E. Gente. 2,338,926; Jan. 11.
Turbine-driven locomotive apparatus. W. A. Brecht. 2,351,479; June 13.
Turbine, Elastic fluid. G. O. Truex. 2,357,709; Sept. 5.
Turbine, Gas. M. R. Brauns. 2,358,301; Sept. 19.
Turbine, Hydraulic. P. W. Seewer. 2,357,228; Aug. 29.
Turbine nozzle. R. P. Kroon and C. A. Meyer. 2,341,148; Feb. 8.
Turbine oils, Manufacture of. L. L. Lovell. 2,341,874; Feb. 15.
Turbine rotor, liquid cooled, multiringed. H. Holzwarth. 2,339,779; Jan. 25.
Turbine runner. O. Cello. 2,354,304; July 25.
Turbine support. J. R. Hagemann. 2,356,721; Aug. 22.
Turbine system. J. L. Ray. 2,345,540; Mar. 28.
Turbine, Wind. P. C. Putnam. 2,360,791–2; Oct. 17.
Turbines, Starting combustion. F. Nettel. 2,362,714; Nov. 14.
Turbo-generating system, Regulation of free piston. R. Pateras Pescara. 2,355,177; Aug. 8.
Turbogenerators and other power plant equipment, Method and apparatus for indicating efficiency. C. P. Xenis, L. J. Parsons, W. Perine, R. E. King, and H. A. Bauman. 2,357,921; Sept. 12.
Turbomachines, Construction of. J. Malczewski. 2,344,444; Mar. 14.
Turbo power transmission apparatus. J. R. Horton. 2,357,654; Sept. 5.
Turbosupercharger. W. H. Allen. 2,346,128; Apr. 11.
Turbosupercharger for internal-combustion engines, Exhaust-driven. P. H. Stokes. 2,355,759; Aug. 15.
Turbo transmission. J. Jandasek. 2,341,921; Feb. 15.
Turbo transmission. J. Jandasek. 2,352,482–3; June 27.
Turbotransmission. J. Jandasek. 2,349,350; May 23.
Turbotransmission. J. Jandasek. 2,351,516–17; June 13.
Turbo transmission. J. Jandasek. 2,354,596–7; July 25.
Turbotransmission. J. Jandasek. 2,363,731; Nov. 28.
Turbotransmission. J. Jankasek. 2,364,448; Dec. 5.
Turbotransmission. R. J. Miller. 2,354,396; July 25.
Turbotransmission. R. J. Miller. 2,363,983; Nov. 28.
Turbulence strip for heat exchangers. H. F. Brinen. 2,359,288; Oct. 3.
Turbulizers, Fluid. W. H. Geddes. 2,340,181; Jan. 25.
Turf perforator. H. W. Melling. 2,347,748; May 2.
Turnbuckle. M. W. Le Doyen. 2,353,250; July 11.
Turnbuckle. J. D. Noble and E. E. Van Dyke. 2,354,474; July 25.
Turnbuckle and wrench therefor. J. T. Ryan and H. Robinett. 2,360,019; Oct. 10.
Turnbuckle, Quick connecting. D. R. Rockwood and G. F. Deibel, Jr. 2,359,492; Oct. 3.
Turnbuckle, Self-locking. E. A. Camburn. 2,352,585; June 27.
Turnbuckle wrench. I. H. Blanchard. 2,358,555; Sept. 19.
Turnbuckles, Making tubular. C. L. Dewey. 2,363,050; Nov. 21.
Turning machine. C. A. Bollwerk. 2,362,533; Nov. 14.
Turning machine. C. T. Dare and G. F. Esson. 2,342,792; Feb. 29.
Turning machine. O. E. Staples. 2,346,515; Apr. 11.
Turning machine. O. E. Staples. 2,362,318; Nov. 7.
Turning metal and the like, Method of and machine for. O. E. Staples. 2,341,668; Feb. 15.
Turnover device. W. G. Carter. 2,364,270; Dec. 5.
Turnover device. E. J. Harry. 2,338,285; Jan. 4.
Turnover device. H. L. Schanstra. 2,342,014; Feb. 15.
Turn signal switch. B. J. Yanchenko and H. A. Steele. 2,341,355; Mar. 7.
Turntable for discharging wood waste or like material from storage vaults, Adjustable. H. A. Colvin. 2,364,601; Dec. 12.
Turntable mechanism for trailers or trucks. J. J. Black. 2,349,900; Apr. 18.
Turntable, Sandblast. G. A. Stearman. 2,365,152; Dec. 19.
Turntable slide support. S. Behar. 2,357,160; Aug. 29.
Turntables for cranes or the like. R. O. Billings. 2,365,168; Dec. 19.
Turn valve. L. S. Aldrich. 2,346,892; Apr. 18.
Turpentine composition and making. J. Eichberg. 2,355,061; Aug. 8.
Turpentine composition, Treated. W. E. Decker. 2,338,802; Jan. 11.
Turret actuating mechanism. H. W. Ruppel. 2,348,364; May 9.
Turret assembly and anchorage, Revolving. E. Balstad. 2,354,644; Aug. 1.
Turret construction. H. B. Maris. 2,340,334; Feb. 1.
Turret control system. M. A. Edwards and K. K. Bowman. 2,356,152; Aug. 22.
Turret conveyer. W. J. Powers, Jr., and F. H. McBerty. 2,345,884; Apr. 4.
Turret drive for guns. G. C. Gentry. 2,354,204; July 25.
Turret for bombing airplanes, Gun. S. Tarapcsynski. 2,358,115; Sept. 12.
Turret, Gun. R. Fink. 2,348,209; May 9.
Turret head for drill presses. G. C. Scates. 2,350,161; Sept. 26.
Turret indexing mechanism. L. E. Godfriaux. 2,358,503; Sept. 19.
Turret indexing mechanism. H. W. Ruppel. 2,348,363; May 9.
Turret, Lathe. R. Tewksbury. 2,357,436; Sept. 5.
Turret, Power. W. F. Day. 2,361,386; Oct. 31.
Turret shaping machine for cigars. H. H. Wheeler. 2,349,320; May 23.
Turret shaping machine for cigars. H. H. Wheeler. 2,357,369; Sept. 5.
Turret tool post. H. E. Koehler. 2,362,140; Nov. 7.
Tuyère. H. F. Lawrence. 2,361,777; Oct. 31.
Tuyère. H. A. Reece. 2,345,503; Mar. 28.
Tuyère for blast furnaces and the like. A. H. Richardson. 2,353,849; July 18.
Tuyère structure. M. De Lin. 2,347,594; Apr. 25.
Twin coil furnace. M. Tama. 2,347,298; Apr. 25.
Twin-pails holder. A. Weber. 2,362,331; Nov. 7.
Twist drills, Making oil hole. S. A. Cogsdill. 2,358,304; Sept. 19.
Twister head electric stop. E. G. Steuber. 2,361,509; Oct. 31.
Twister tube assembly for spinning machines. M. D. Moraros. 2,349,512; May 23.
2-alkyl-3-amino-5-pyrazolones. H. Stenzl and A. Staub. 2,361,329; Oct. 24.
2-amino-4-oxo-5-ethoxy-pentene-(2) and the manufacture of same. O. Schnider. 2,353,367; July 11.
2-aminooxazole, Making. G. W. Anderson. 2,362,337; Nov. 7.
2-aminopyrimidine, Producing. E. Kuh. 2,344,707; Mar. 21.
Two compartment box. R. C. Potts. 2,361,650; Oct. 31.
Two directional combustion engine. G. N. Reiland. 2,363,804; Nov. 28.
Two-cycle gas engine. C. G. Curtis. 2,347,465; Apr. 25.
Two-cycle internal combustion engine. C. S. Brown. 2,346,207; Apr. 11.
2-hydroxy-1-dithionaphthoic acid and product resulting therefrom, Treating. A. F. Hardman. 2,355,972; Aug. 15.
Two-level liquid fuel burner. J. L. Breese and M. D. Huston. 2,355,418; Aug. 8.
2-mercapto dihydro pyrimidine derivatives. C. H. Stiteler. 2,356,710; Aug. 22.
2-mercapto-thiazoline, Production of. H. B. Stevenson. 2,364,398; Dec. 5.
2-mercapto-thiazoline, Production of. I. Williams, B. M. Sturgis, and J. J. Verbanc. 2,364,399; Dec. 5.
2-methyl-1,4-naphthohydroquinone derivatives and preparing them. E. Fernholz. 2,352,189; June 27.
Two or four wheel steering, Alternative. W. L. Reid. 2,354,830; Aug. 1.
2-phenyl, 4-hydroxy aniline and compositions thereof. G. M. Kosolapoff. 2,355,593; Aug. 8.
Two-position switch. C. C. Allyn. 2,344,938; Mar. 28.
Two-shaft opposed-piston internal-combustion engine. W. Kilchenmann. 2,359,564; Oct. 3.
Two-shaft opposed-piston internal combustion engine. H. Lieberherr. 2,342,410; Feb. 22.
Two-stage alkylation process. C. E. Morrell. 2,355,460; Aug. 8.
Two-stage regulator. W. C. Buttner. 2,362,352; Nov. 7.
Two-stroke engine. E. Claveau. 2,338,406; Jan. 4.
Two-stroke internal combustion engine. H. T. Pyk. 2,349,305; May 23.
2, 2, 3 trichloro- and tribromo-alkanal-1 compounds and the hydrates thereof, Making. R. L. Brown and R. E. Plump. 2,351,000; June 13.
Two-way band switch. R. F. Foster. 2,340,117; Jan. 25.
Two-way overrunning clutch. F. H. Beall. 2,364,019; Nov. 28.
Two-way plow. W. H. Tanke. 2,344,474; Mar. 14.
Tying and squaring means for car trucks. R. B. Cottrell. 2,347,628; Apr. 25.
Tying machine. B. H. Bunn. 2,361,742; Oct. 31.
Tying machine. B. H. Bunn. 2,363,391; Nov. 21.
Tying machine. H. Harvey. 2,339,395; Jan. 18.
Tying machine. F. Redeck. 2,346,786; Apr. 18.
Type for typewriting machines, perforation or printing as well as interpretation system for characters. E. Hofgaard. 2,350,893; June 6.
Typewriter and the like. S. Khalil. 2,349,554; May 23.
Typewriter bed, Auxiliary. J. H. Page. 2,346,271; Apr. 11.

Typewriter-calculating machine. R. Anschuts and A. Mers. 2,351,897; June 20.
Typewriter controller. C. E. Wyrick. 2,354,082; July 18.
Typewriter controller. C. E. Wyrick. 2,365,317; Dec. 19.
Typewriter desk. L. G. Miller. 2,342,883; Feb. 29.
Typewriter mechanism. O. C. Kavle. 2,362,138; Nov. 7.
Typewriter, Practice. A. Emanuel. 2,351,324; June 13.
Typewriter provided with type wheel or type roller. T. Stenfors. 2,365,913; Dec. 26.
Typewriter reel. J. L. May. 2,366,147; Dec. 26.
Typewriter ribbon spool. R. D. Dodge. 2,338,168; Jan. 4.
Typewriter stop mechanism. J. F. Koca. 2,358,517; Sept. 19.
Typewriter support. F. E. Oneal. 2,348,640; May 9.
Typewriter support. W. J. Ryther. 2,359,002; Sept. 26.
Typewriting and accounting machine. O. J. Sundstrand. 2,350,542; June 6.
Typewriting-calculating machine. R. Anschutz. 2,351,896; June 20.
Typewriting machine. H. A. Avery and C. Walker. 2,353,803; July 18.
Typewriting machine. G. F. Handley. 2,366,022; Dec. 26.
Typewriter machine. G. F. Handley. 2,366,023–4; Dec. 26.
Typewriting machine. W. F. Helmond. 2,349,723; May 23.
Typewriting machine. W. F. Helmond. 2,354,520; July 25.
Typewriting machine. W. F. Helmond. 2,356,842; Aug 29.
Typewriting machine. W. F. Helmond. 2,366,106; Dec. 26.
Typewriting machine. W. F. Helmond. 2,366,107; Dec. 26.
Typewriting machine. O. C. W. Henze and E. Nyborg. 2,343,905; Mar. 14.
Typewriting machine. J. N. Hoffman. 2,350,510; June 6.
Typewriting machine. A. G. F. Kurowski. 2,353,407; July 11.
Typewriting machine. C. D. Lake. 2,350,561; June 6.
Typewriting machine. A. W. Mills and F. J. Furman. 2,357,487; Sept. 5.
Typewriting machine. M. W. Newberry. 2,341,470; Feb. 8.
Typewriting machine. M. W. Newberry. 2,346,323; Apr. 11.
Typewriting machine. M. W. Newberry. 2,364,809; Dec. 12.
Typewriting machine. L. F. Pascher. 2,343,321; Mar. 7.
Typewriting machine. H. L. Pitman. 2,344,167; Mar. 14.
Typewriting machine. R. T. Pollock. 2,343,926; Mar. 14.
Typewriting machine. W. T. Sagner. 2,340,491; Feb. 1.
Typewriting machine. F. Schultz. 2,351,075; June 13.
Typewriting machine. A. B. Schuyler. 2,362,029; Nov. 7.
Typewriting machine. J. A. B. Smith. 2,341,481; Feb. 8.
Typewriting machine. H. B. Smith. 2,357,142; Aug. 29.
Typewriting machine. J. Toggenburger. 2,359,062; Sept. 26.
Typewriting machine. R. Von Reppert. 2,353,095; July 4.
Typewriting machine. C. Walker. 2,353,860; July 18.
Typewriting machine. F. Willheim. 2,349,483; May 23.
Typewriting machine. E. L. Wise. 2,340,257; Jan. 25.
Typewriting machine. H. C. Yaeger. 2,362,229; Nov. 7.
Typewriting machine, typesetting machine, and other keyboard instruments. A. T. Cahill. 2,354,196; July 25.
Typewriting machine with covering hood. F. Wunderlich. 2,344,118; Mar. 14.
Typing machine for preparing matter for printing. F. P. Campbell. 2,338,459; Jan. 4.
Typing-projection system, Combined. D. F. Newman. 2,341,646; Feb. 15.
Typing rhythm indicator. G. D. McMurry. 2,348,744; May 16.
Typographical casting machine. J. C. Plastaras. 2,340,342; Feb. 1.
Typographical composing machine. J. C. Plastaras. Re. 22,443; Feb. 22.
Ultra-high-frequency. C. V. Litton. 2,362,209; Nov. 7.
Ultra high frequency cable. K. Kohl. 2,338,441; Jan. 4.
Ultra high frequency generator. F. Ludi. 2,364,732; Dec. 12.
Ultra high frequency switch. D. R. Goddard. 2,360,219; Oct. 10.
Ultra short wave antenna system. J. F. Morrison. 2,350,916; June 6.
Ultra short wave apparatus. F. H. Kroger. 2,350,907; June 6.
Ultrashort wave tube. E. Löpp, E. Zinke, and H. Berger. 2,365,420; Dec. 19.
Ultraviolet fluorescent instrument illumination. A. D. Dircksen. 2,347,671; May 2.
Ultraviolet fluorescent lamp. O. H. Biggs and J. L. Cox. 2,355,258; Aug. 8.
Ultraviolet instrument light. A. D. Dircksen and J. M. Roper. 2,347,672; May 2.
Ultraviolet light sources. W. O. Prouty. Re. 22,534; Aug. 22.
Ultraviolet radiations, Method and instrument for measuring. T. R. Porter. 2,349,754; May 23.
Ultraviolet ray generator. F. Furedy. 2,348,617; May 9.
Umbrella and method of and apparatus for manufacturing same. W. S. Timblin. 2,341,399; Feb. 8.
Uncoiling apparatus. M. D. Ayers. 2,345,373; Mar. 28.
Uncoiling device. J. Liey. 2,349,873; May 30.
Uncoupling mechanism. W. J. Metzger. 2,356,336; Aug. 22.
Undercarriage for rotative wing aircraft. C. G. Pullin. 2,339,877; Jan. 25.
Undercarriage leg for aircraft. A. H. J. Thomas. 2,360,988; Oct. 24.
Underclearer roll. C. H. Campbell. 2,339,977; Jan. 25.
Undercutting attachment for drill presses. W. C. Knapp. 2,358,516; Sept. 19.
Undercutting tool. J. MacBlane. 2,355,315; Aug. 8.
Undergarment. C. Bullinger. 2,348,242; May 9.
Undergarment. G. H. Crocker. 2,363,648; Nov. 28.
Undergarment. E. Donaldson and E. Chatfield. 2,354,669; Aug. 1.
Undergarment. A. J. Harwood. 2,349,426; May 23.
Undergarment. S. Landau. 2,339,341; Jan. 18.
Undergarment. I. L. Lesavoy. 2,353,342; July 11.
Undergarment, Lady's. H. Diamond. 2,357,794; Sept. 12.
Undergarment, Man's. A. M. Reis. 2,356,696; Aug. 22.
Undergarment, Seatless. Z. Brown. 2,344,674; Mar. 21.
Underground piping. H. A. Starret. 2,351,642; June 20.
Underground strata, Determination of. A. D. Garrison. 2,346,481; Apr. 11.
Underpants or shorts. A. James. 2,366,031; Dec. 26.
Underwater construction. G. H. Tumolillo. 2,364,570; Dec. 5.
Unflow type coke oven. C. Otto. 2,343,318; Mar. 7.
Uniform cap. I. and M. Libshutz. 2,354,759; Aug. 1.
Unit building structure. R. O. Sheldon. 2,362,162; Nov. 7.
Unit for oil burners, Forced draft. J. L. Breese and B. Hayter. 2,355,415; Aug. 8.
Unit for steam and electric irons, Base. F. M. Waring and E. J. Lee, Jr. 2,353,604; July 11.
Unit guiding and latching device. E. A. Gubisch. 2,354,115; July 18.
Unit heater. C. M. Ashley and B. B. Mooney. 2,346,410; Apr. 11.
Unit heater. W. J. Hartwig. 2,358,973; Sept. 26.
Unit heater. R. W. Kritzer. 2,352,485; June 27.
Unit heaters, Control system for. W. M. Myler, Jr. 2,353,021; July 18.
Unitary grid assembly for ice freezing trays. N. Erland af Kleen. 2,342,654; Feb. 29.
Universal ball joint. R. K. Goddard. 2,342,396; Feb. 22.
Universal coupler. J. M. O'Malley. 2,365,772; Dec. 26
Universal head for machine tools. C. E. Walling. 2,351,246; June 13.
Universal indicator. F. V. Waltz. 2,360,181; Oct. 10.
Universal joint. G. E. Dunn. 2,353,299–300; July 11.
Universal joint. A. F. Greiner. 2,358,505; Sept. 19.
Universal joint. D. R. Ligh and F. F. Ehrenhaft. 2,354,467; July 25.
Universal joint. W. A. O'Donnell. 2,354,961; Aug. 1.
Universal joint. E. B. Sturges. 2,361,135; Oct. 24.
Universal joint. S. G. Wingquist. 2,349,030; May 16.
Universal joint. S. G. Wingquist. 2,353,801; July 18.
Universal joint assembly. P. E. Miquelon. 2,360,786; Oct. 17.
Universal joint, Constant velocity. A. Y. Dodge. 2,341,084; Feb. 8.
Universal joint seal. G. E. Dunn. 2,338,169; Jan. 4.
Universal pipe fitting. N. Bashark. 2,343,235; Feb. 29.
Universal resistance capacitance filter. E. S. Purington. 2,354,141; July 18.
Universal resonant type fatigue testing machine. J. C. Sims, Jr. 2,356,894; Aug. 29.
Universal speed control for multiple prime movers. C. M. Anderson. 2,360,753; Oct. 17.
Universal terminal. C. P. Deibel. 2,359,468; Oct. 3.
Universal tool. Q. E. Conner. 2,350,097; May 30.
Universally adjustable swivel base. N. R. Schwartz. 2,352,806; July 4.
Unloading apparatus. E. H. Mallory. 2,355,226; Aug. 8.
Unloading attachment, Power take off. E. R. Pfeiffer, E. A. Sodem, and F. Pfeiffer. 2,340,983; Feb. 8.
Unloading mechanism for bottle-washing machines. P. C. Read. 2,357,358; Sept. 5.
Unreeling device. H. W. Moore. 2,362,920; Nov. 14.
Unsaturated compounds having the cyclopentadiene nucleus, Polymerization of. S. G. Trepp. 2,359,810; Oct. 10.
Unsaturated polynitriles and making same. H. A. Bruson. 2,352,515; June 27.
Unscrewing device for the molding of threaded articles. G. B. Sayre. 2,363,808; Nov. 28.
Unwinding machine. H. P. Ruf. 2,364,476; Dec. 5.
Upending device. P. E. Slichtam. 2,356,120; Aug. 15.
Upholstered chair. D. R. Beachley. 2,358,437–8; Sept. 19.
Upholstery springs, Machine for fabricating. E. L. Bronstien and J. G. Strandberg. 2,351,659; June 20.

Upholstery structure. H. A. Backus. 2,361,167; Oct. 24.
Uppers of shoes, Stiffening portions of the. R. P. Hofferbert. 2,340,591; Feb. 1.
Upsetting of metal tubes, rods, or the like. W. J. Cormode. 2,344,285; Mar. 14.
Urea-formaldehyde composition. R. P. Cosgrove. 2,343,497; Mar. 7.
Urea-formaldehyde composition. J. K. Simons. 2,343,247; Mar. 7.
Urea-formaldehyde condensation product. L. Smidth. 2,340,708; Apr. 18.
Urea-formaldehyde lacquers, Preparing. R. C. Swain and P. Adams. 2,361,715; Oct. 31.
Urea-formaldehyde molding compositions and product therefore, Making. L. Smidth. 2,338,464; Jan. 4.
Urinal, Male. C. B. Chenault. 2,358,850; Sept. 26.
Useful products and producing them. J. E. Harvey, Jr., R. H. White, Jr., and J. A. Vaughan. 2,363,241; Nov. 21.
Useful products, Producing. J. E. Harvey, Jr., R. H. White, Jr., and J. A. Vaughan. 2,363,238; Nov. 21.
Utensil and method, Cooking. A. C. Scavullo. 2,358,104; Sept. 12.
Utensil, Baking. L. J. Harriss and B. Lambers. 2,346,839; Apr. 18.
Utensil, Cooking. J. Kollman. 2,361,351; Oct. 24.
Utensil cover. L. J. MacKay. 2,350,243; May 30.
Utensil washing machine. A. H. Haberstump. 2,358,507; Sept. 19.
Utility bag. V. Blake. 2,338,279; Jan. 4.
Utility box flag. G. A. Roe. 2,352,975; July 4.
Utility hook. A. Landau. 2,363,275; Nov. 21.
V-belt and fastener. V. R. Clark. 2,363,043; Nov. 21.
V-belt fastener. C. W. Tingley and W. P. Reilly. 2,362,949; Nov. 14.
V-belts and the like, Method and apparatus for curing. N. W. Miller. 2,362,659; Nov. 14.
V-block, Universal. L. A. Lowenstein. 2,364,150; Dec. 5.
V-type belt. E. Nassimbene. 2,361,645; Oct. 31.
Vaccinator, Fowl. S. Eriksen. 2,359,550; Oct. 3.
Vacuum apparatus. K. C. D. Hickman. 2,343,665; Mar. 7.
Vacuum cleaner. F. C. Doughman. 2,360,211; Oct. 10.
Vacuum cleaner. D. M. Dow. 2,347,177; Apr. 25.
Vacuum cleaner. R. L. Hallock. 2,351,507; June 13.
Vacuum cleaner. G. E. Lofgren. 2,347,919; May 2.
Vacuum cleaner. G. E. Lofgren. 2,348,082; May 2.
Vacuum cleaner. W. B. Oaks. 2,345,623; Apr. 4.
Vacuum cleaner. G. R. Severance. 2,340,347; Feb. 1.
Vacuum cleaner. E. W. Vose. 2,346,339; Apr. 11.
Vacuum cleaner. K. J. Wahlborg. 2,340,215; May 16.
Vacuum cleaner bag. P. T. Hahn. 2,364,069; Dec. 5.
Vacuum cleaner construction. G. D. Jaquith and K. N. Elliott. 2,363,002; Nov. 21.
Vacuum cleaner fan shaft seal. R. E. Dunbar. 2,352,947; July 4.
Vacuum cleaning apparatus. D. O. Baird. 2,343,732; Mar. 7.
Vacuum closing machine. M. E. Robinson and R. N. Henderson. 2,359,793; Oct. 10.
Vacuum condenser. W. H. Teare. 2,339,663; Jan. 18.
Vacuum deaerating receiver. C. I. Baker. 2,357,445; Sept. 5.
Vacuum discharge device. I. E. Mouromtseff and G. M. Dimmick. 2,341,941; Feb. 15.
Vacuum distillation procedure. K. C. D. Hickman and J. C. Hecker. 2,343,666; Mar. 7.
Vacuum drying food products. J. M. Baer. 2,340,170; Jan. 25.
Vacuum fruit juice extractor. A. Delay. 2,346,561; Apr. 11.
Vacuum gauge. J. S. Clark. 2,348,607; May 9.
Vaccine injector. E. Powell. 2,345,070; Mar. 28.
Vacuum method for filling tires with water. W. W. McMahan. 2,349,594; May 23.
Vacuum moistening system. O. H. Pilkey. 2,343,324; Mar. 7.
Vacuum operated counterbalance. C. R. Buchet. 2,351,297; June 13.
Vacuum pan control, Automatic. J. H. Lienau and J. J. Neuman. 2,343,464; Mar. 7.
Vacuum process and apparatus, High. K. C. D. Hickman. 2,358,067; Sept. 12.
Vacuum pump. G. Muller and D. D. Forsman. 2,358,412; Sept. 19.
Vacuum pump. F. W. Stallmann. 2,361,245; Oct. 24.
Vacuum sealing machine. J. Hohl and O. Bjering. 2,338,852; Jan. 11.
Vacuum shield for containers. T. F. Makowski. 2,343,197; Feb. 29.
Vacuum system booster. J. Hulman and B. Beaman. 2,347,196; Apr. 25.
Vacuum tube. J. A. Hipple, Jr. 2,354,122; July 18.
Vacuum tube holder. W. O. Leichner. 2,342,475; Feb. 22.
Vacuum tube supports, Forming and assembling. L. C. Goodale. 2,339,850; Jan. 25.
Vacuum tube voltmeter circuit. J. R. Banker. 2,364,687; Dec. 12.
Vacuum vessel. J. E. De Graaf. 2,361,897; Oct. 31.
Vaginal pack device. O. Popper. 2,351,836; June 20.
Valve printing die protection device. W. H. Wheeler, Jr., L. A. Thatcher and F. J. Rouan. 2,350,853; June 6.
Valves from citrous fruit, Recovering. W. C. Platt. 2,354,878; Aug. 1.

Valve: *See*—
Aeronautical fuel control valve.
Air brake cylinder release valve.
Air valve.
Air venting valve.
Automatic heater control valve.
Automatic shutoff valve.
Automatic valve.
Back-pressure valve.
Balanced gate valve.
Ball cock valve.
Boost control valve.
Brake valve.
By-pass valve.
Casing float valve.
Check valve.
Choke valve.
Compound valve.
Compressor valve.
Control valve.
Controlled cycle relief valve.
Cut-off valve.
Desuperheating valve.
Diaphragm valve.
Differential valve.
Dilution valve.
Discharge valve.
Distributing valve.
Drain valve.
Drifting control valve.
Drifting valve.
Electromagnetically operated valve.
Engine breather valve.
Exhaling valve.
Filling valve.
Filter and automatic valve.
Flat disc valve.
Float valve.
Flow control valve.
Flow regulatory valve.
Flow responsive alarm valve.
Fluid control valve.
Fluid controlled valve.
Fluid valve.
Fluid motor bypass valve.
Four-way selector valve.
Fuel control valve.
Gas lift valve.
Gate valve.
Hollow head poppet valve.
Hollow plunger control valve.
Hydraulic control valve.
Hydraulic piston valve.
Hydraulic power control valve.
Hydraulic valve.
Improved bleeder valve.
Injection valve.
Insecticide spray head valve.
Internal-combustion engine valve.
Internally insulated valve.
Jettison tank valve.
Line pressure lubricated plug valve.
Line pressure opened self-closing valve.
Liquid control valve.
Liquid shutoff valve.
Locomotive piston valve.
Lubricated valve.
Marine poppet valve.
Maximum capacity safety valve.
Metering valve.
Mixing valve.
Motor operated toggle valve.
Motor operated valve.
Multiple inlet valve.
Multiple port valve.
Nonchattering relief valve.
Pilot valve.
Oil sump drain valve.
Outlet valve.
Packless valve.
Periodic distributing valve.
Plug valve.
Poppet valve.
Power-operated valve.
Pressure actuated tube valve.
Pressure actuated valve.
Pressure and temperature relief valve.
Pressure control valve.
Pressure reduction check valve.
Pressure relief valve.
Pressure responsive valve.
Propeller control valve.
Pump valve.
Radiator vent valve.
Regulating valve.
Relief valve.
Reversing valve.
Rotating field excited flux valve.
Rotary plug valve.
Rotary valve.
Rubber valve.
Safety valve.
Sands discharge valve.
Speed control valve.
Selective fluid valve.
Selector valve.
Self-closing valve.
Self-venting tank valve.
Sequence valve.
Shuttle valve.
Slide valve.
Solenoid operated valve.
Split housing plug valve.
Spray gun valve.
Swing gate valve.
Tank fitting, Drain valve.
Thermostatic expansion valve.
Thermostatic radiator valve.
Thermostatic valve.
Thermostatically controlled valve.
Thermostatically operative valve.
Three-way valve.
Throttle valve.
Time controlled valve.
Toggle operated valve.
Tractor valve.
Turn valve.
Viscosity control valve.
Water valve.
Weld fabricated valve.

Valve. W. E. Ager. 2,344,913; Mar. 21.
Valve. L. C. Anderson. 2,362,338; Nov. 7.
Valve. C. A. Bergman. 2,360,389; Oct. 17.
Valve. R. L. Briggs, Jr. 2,352,249; June 27.
Valve. R. S. Budd. 2,357,169; Aug. 29.
Valve. H. J. M. Burdick. 2,350,988; June 13.
Valve. R. N. Burnett. 2,352,368; June 27.
Valve. R. G. Carlson. 2,346,904; Apr. 18.
Valve. H. A. Cartwright. 2,359,300; Oct. 3.
Valve. C. B. Dalzell and H. W. Cheney. 2,353,549; July 11.
Valve. L. G. Daniels. 2,364,687; Dec. 12.
Valve. E. J. Dillman and W. E. Cowley. 2,357,795; Sept. 12.
Valve. M. V. Friedell. 2,341,709; Feb. 15.
Valve. J. L. Gratzmuller. 2,342,731; Feb. 29.
Valve. D. G. Griswold. 2,352,628; July 4.
Valve. R. T. Hedfield. 2,340,220; Jan. 25.
Valve. F. H. Hehemann. 2,342,276; Feb. 22.
Valve. H. A. Hoke and J. F. Matteo. 2,344,041; Mar. 14.
Valve. A. C. Hoof. 2,358,228; Sept. 12.
Valve. D. W. Hopkins. 2,349,727; May 23.
Valve. W. T Houser. 2,357,002; Aug. 29.

Valve. J. Hutton. 2,344,818; Mar. 21.
Valve. A. F. Jenkins. 2,343,146; Feb. 29.
Valve. M. R. Laing. 2,347,351; Apr. 25.
Valve. O. H. Ludeman. 2,360,612; Oct. 17.
Valve. C. MacSporran. 2,365,423; Dec. 19.
Valve. O. C. Martin. Re. 22,429; Feb. 1.
Valve. J. D. Mattimore. 2,357,965; Sept. 12.
Valve. J. D. Mattimore. 2,364,907; Dec. 12.
Valve. P. J. McAndrews. 2,338,127; Jan. 4.
Valve. W. H. McGunagle. 2,345,984; Apr. 4.
Valve. L. A. Ohlinger. 2,342,482; Feb. 22.
Valve. R. L. Ohls. 2,342,963; Feb. 29.
Valve. E. G. Oravec. 2,346,938; Apr. 18.
Valve. E. Orshansky, Jr. 2,354,608; July 25.
Valve. S. C. Raybon. 2,357,022; Aug. 29.
Valve. G. R. Rich. 2,360,795; Oct. 17.
Valve. C. A. Roswell. 2,363,440; Nov. 21.
Valve. E. V. Schaal. 2,351,547; June 13.
Valve. J. F. Schwan and C. F. Pierson. 2,362,671; Nov. 14.
Valve. D. W. Scofield. 2,343,806; Mar. 7.
Valve. L. M. C. Seamark. 2,346,052; Apr. 4.
Valve. C. R. Stone. 2,355,017; Aug. 1.
Valve. W. C. Trautman. 2,358,950; Sept. 26.
Valve. A. J. Trott. 2,364,929; Dec. 12.
Valve. F. R. Venton and M. A. Gleeson. 2,359,741; Oct. 10.
Valve. A. von Wangenheim. 2,356,958; Aug. 29.
Valve. C. M. Weeks. 2,361,251; Oct. 24.
Valve. W. G. Wilson. Re. 22,455; Mar. 14.
Valve. J. A. Zwishenberger. 2,350,208; May 30.
Valve action. R. C. Timm. 2,338,690; Jan. 4.
Valve-actuating means. S. Jackson. 2,350,763; June 6.
Valve actuation in nonoverfill devices, Positive. C. L. Keller. 2,346,313; Apr. 11.
Valve amplifier circuit arrangement, Thermionic. E. L. C. White. 2,358,428; Sept. 19.
Valve and actuation thereof, Sleeve. E. H. Godfrey. 2,339,262; Jan. 18.
Valve and actuator assembly. W. F. Peterson and A. U. Walter. 2,346,843; Apr. 11.
Valve and automatic operating mechanism therefor. C. T. McGill and O. F. Dubruiel. 2,354,694; Aug. 1.
Valve and pipe connection. C. Wyss. 2,355,408; Aug. 8.
Valve arrangement. W. H. Carrier. 2,342,328; Feb. 22.
Valve assembly. G. T. Downey. 2,357,582; Sept. 5.
Valve assembly. A. L. Parker. 2,351,871; June 20.
Valve assembly. S. L. Sundstrom. 2,341,579; Feb. 15.
Valve bag. T. E. Coty. 2,346,292; Apr. 11.
Valve bag. J. F. Doyle. 2,347,673; May 2.
Valve bag. B. T. Miller. 2,338,254; Jan. 4.
Valve bodies, Manufacturing. O. C. Martin. 2,364,864; Dec. 12.
Valve construction. O. J. Burke. 2,347,988; May 2.
Valve construction. R. A. Foresman. 2,346,069; Apr. 4.
Valve construction. W. R. Freeman. 2,349,416; May 23.
Valve construction. H. Hallerstrom and C. Letsche. 2,344,354; Mar. 14.
Valve construction. H. T. Lambert. 2,348,827; May 16.
Valve construction. I. E. McCabe. 2,348,083; May 2.
Valve construction. H. L. Norway. 2,361,866; Oct. 31.
Valve construction. M. Smolensky. 2,356,360; Aug. 22.
Valve construction. F. A. Walker. 2,339,306; Jan. 18.
Valve control means. O. Thiel. 2,344,658; Mar. 21.
Valve control system. E. P. Smith. 2,354,888; Aug. 1.
Valve cutting tool. F. A. Dexter. 2,350,019; May 30.
Valve device. E. F. Allen. 2,365,927; Dec. 26.
Valve device. J. N. Good. 2,352,259; June 27.
Valve device. J. N. Good. 2,363,584; Nov. 28.
Valve device. H. C. Grant, Jr. 2,363,521; Nov. 28.
Valve device. J. C. McCune. 2,366,044; Dec. 26.
Valve device, Thermostatic. C. A. Brown. 2,361,006; Oct. 24.
Valve door construction. C. J. Bates. 2,354,358; July 25.
Valve for bags. F. D. Gottwald. 2,359,033; Sept. 26.
Valve for Diesel engines, Fuel control. R. J. Devorak. 2,363,576; Nov. 28.
Valve for drum receptacles, Draining. A. O. Holveck. 2,362,379; Nov. 7.
Valve for dual directional fluid flow, Self-closing. W. L. Lyon and M. E. Lake. 2,346,224; Apr. 11.
Valve for engines, Fuel drain. J. H. Carpenter. 2,341,758; Feb. 15.
Valve for fire preventive systems. L. M. Lewis. 2,342,589; Feb. 22.
Valve for floor waxers. J. H. Smith. 2,354,619; July 25.
Valve for gas heaters, Pilot control. F. R Maronek. 2,357,215; Aug. 29.
Valve for hoists, Distributing. E. B. Lear. 2,360,430; Oct. 17.
Valve for hot-water systems, Air-venting. J. Upton and W. T. Ferguson. 2,350,947; June 6.
Valve for hydraulic systems, Control. W. T. Stephens. 2,362,944; Nov. 14.
Valve for inflatable boats. J. C. Crowley. 2,342,726; Feb. 29.
Valve for internal-combustion engines. F. Fix. 2,354,988; Aug. 1.
Valve for oil wells, Surface operated. R. G. Taylor, Jr. 2,358,944; Sept. 26.
Valve for portable containers, Service. C. W. Ashley. 2,365,241; Dec. 19.
Valve for pressure type atomizers, Automatic. O. S. Elliott. 2,348,248; May 9.
Valve for resilient suspension devices, Damping. A. E. Bingham. 2,356,563; Aug. 22.
Valve for safety inner tubes and the like. F. A. Krusemark. 2,351,054; June 13.
Valve for single directional fluid flow, Self-closing. W. L. Lyon and M. E. Lake. 2,346,223; Apr. 11.
Valve grinder. L. C. Culp. 2,360,550; Oct. 17.
Valve guide scraper ring. R. F. Huddleston. 2,360,606; Oct. 17.
Valve holder. F. D. Booth. 2,365,385; Dec. 19.
Valve latch device for pneumatic piston pumps, differential type. A. Boynton. 2,338,707; Jan. 11.
Valve lock. R. Murphy. 2,364,909; Dec. 12.
Valve locking means. W. M. Haessler. 2,342,664; Feb. 29.
Valve lubrication system. R. A. Patterson. 2,354,926; Aug. 1.
Valve means for double-acting pumps. T. R. Wingate. 2,366,080; Dec. 26.
Valve mechanism. W. F. Engel. 2,351,672; June 20.
Valve mechanism. C. W. MacMillan. 2,338,292; Jan. 4.
Valve mechanism. C. F. Osgood. 2,353,751; July 18.
Valve mechanism. C. F. Osgood. 2,353,967; July 18.
Valve mechanism. N. V. Smith. 2,345,837; Apr. 4.
Valve mechanism. T. W. Somerville, and D. M. Blackburn. 2,340,997; Feb. 8.
Valve mechanism. P. C. Temple. 2,342,770; Feb. 29.
Valve mechanism. P. C. Temple. 2,360,987; Oct. 24.
Valve mechanism. S. P. Wichterman. 2,357,986; Sept. 12.
Valve mechanism, Drain. J. A. Campbell. 2,345,379; Mar. 28.
Valve mechanism, Drain. W. B. Kirk. 2,345,380; Mar. 28.
Valve mechanism for high-speed steam engines. H. E. Culbertson. 2,362,744; Nov. 14.
Valve mechanism, Periodic. R. T. Knapp. 2,361,773; Oct. 31.
Valve mechanism, Thermostatically operated. W. L. Hawk and R. N. Bowman. 2,358,637; Sept. 19.
Valve mechanism, Two-way. W. F. Boldt. 2,354,791; Aug. 1.
Valve operated motor controlling switch. S. Perry. 2,353,498; July 11.
Valve operating mechanism. R. G. Allen. 2,359,188; Sept. 26.
Valve operating mechanism for absorption refrigerating apparatus, Thermostat. N. Erland af Kleen. 2,340,886; Feb. 8.
Valve operator, Solenoid. C. M. Garner. 2,360,945; Oct. 24.
Valve packing, Injector. V. G. Klein. 2,358,719; Sept. 19.
Valve seat construction. O. Thiel. 2,344,657; Mar. 21.
Valve seat inserts, Installing and retaining. C. A. Jensen. 2,363,673; Nov. 28.
Valve seats and similar areas, Grinding. R. S. Beverlin. 2,363,384; Nov. 21.
Valve seats, Reaming. O. C. Martin. 2,345,349; Mar. 28.
Valve shutoff device. J. G. Fisher. 2,354,366; July 25.
Valve stem. F. H. Watson. 2,361,890; Oct. 31.
Valve structure. H. A. Mantz. 2,363,073; Nov. 21.
Valve structure, Balanced. C. A. Frische. 2,362,476; Nov. 14.
Valve structure for steam conducting systems. C. L. Funtan. 2,357,097; Aug. 29.
Valve structure, Gas. W. Robinson. 2,361,655; Oct. 31.
Valve tappet, Self-locking. C. E. Johnson. 2,347,910; May 2.
Valve unit, Inverted guide. H. R. Ellinwood. Re. 22,552; Oct. 3.
Valve unit, Inverted guide. H. R. Ellinwood. 2,338,101; Jan. 4.
Valve wheel. F. E. Kochenderfer and C. V. Shriver. 2,344,045; Mar. 14.
Valve with monitor, Gate. H. N. Rider. 2,365,907; Dec. 26.
Valved container. A. and E. A. Calleson. 2,352,251; June 27.
Valves and the like, Locking. F. Barber and A. R. Spidy. 2,342,635; Feb. 29.
Valves, Making evacuated. R. D. McDill. 2,365,285; Dec. 19.
Valves, Making hollow head. J. H. Hoern. 2,359,477; Oct. 3.
Valves, Protection of relief. E. Q. Camp. 2,346,727; Apr. 18.
Vanadium recovery from chromates. A. E. Van Wirt and A. G. Aylies. 2,357,988; Sept. 12.
Vanadium, Recovery of. J. J. Nelson. 2,357,488; Sept. 5.
Vane construction, Booster pump entry. J. W. Young and P. J. Lansing. 2,340,166; Jan. 25.
Vane pump. W. R. Tucker and G. A. Waldie. 2,354,076; July 18.
Vane pump. W. R. Tucker and G. A. Waldie. 2,362,420; Nov. 7.
Vane structure in record discharge mechanisms. F. J. Offen. 2,352,562; June 27.
Vanilla flavoring with menstruum of low alcoholic content, Extracting. L. V. Towt. 2,358,947; Sept. 26.
Vanity box. R. L. McKnight. 2,349,802; May 30.

Vanity box. L. P. Root. 2,349,802; May 30.
Vanity case or compact. J. De Pasquale and A. Westerman. 2,366,009; Dec. 26.
Vanity drawer for chiffoniers and the like. W. L. Landin. 2,340,762; Feb. 1.
Vapor condensation, Metal. R. G. Crane and M. F. Perkins. 2,343,194; May 9.
Vapor condenser. K. F. Schoeller. 2,358,940; Sept. 26.
Vapor cooling for motors. J. Sebo. 2,343,388; Mar. 7.
Vapor diffusing device. E. Cohn. 2,347,591; Apr. 25.
Vapor electric device. J. H. Cox. 2,342,791; Feb. 29.
Vapor electric device. L. A. Kilgore. 2,340,059; Jan. 25.
Vapor electric device. H. C. Myers. 2,349,633; May 23.
Vapor-electric device. H. C. Myers. 2,359,144; Sept. 26.
Vapor-electric device. W. R. Tallaferro. 2,354,158; July 18.
Vapor electric device and method of operation. N. T. Gordon and W. R. Whitney. 2,347,048; Apr. 18.
Vapor generator. M. Frisch. 2,343,895; Mar. 14.
Vapor generator. W. F. Keenan, Jr. 2,342,148; Feb. 22.
Vapor phase cracking process. W. O. Keeling. 2,363,532; Nov. 28.
Vapor phase reactions, Executing. B. M. Holt and G. E. Hedholm. 2,340,878; Feb. 8.
Vaporiser. M. W. Hanks. 2,347,825; May 2.
Vaporiser. G. Hettinger. 2,343,458; Mar. 7.
Vaporiser. J. B. Schmitt. 2,363,365; Nov. 21.
Vaporizing device. L. F. Borchardt and W. Brastad. 2,355,414; Aug. 8.
Vaporizing device. G. H. Zenner. 2,343,727; Mar. 7.
Vaporous mixtures containing air, Method of producing. H. H. Schmidt. 2,351,072; June 13.
Vapors, Method of and apparatus for condensing. F. J. McGovern. 2,341,281; Feb. 8.
Variable angle drive mechanism. G. E. Oakley and P. M. Griffin. 2,351,535; June 13.
Variable attenuation circuit. H. L. Barney. 2,342,238; Feb. 22.
Variable condenser. A. S. Kester. 2,348,391–2; May 9.
Variable condenser. R. E. Schock. 2,361,657; Oct. 31.
Variable delivery vane pump. W. R. Tucker. 2,348,428; May 9.
Variable frequency bridge stabilized oscillator. R. O. Wise. 2,341,067; Feb. 8.
Variable frequency generator. T. B. Gibbs. 2,340,875; Feb. 8.
Variable height jack. E. P. Grime. 2,341,542; Feb. 15.
Variable intermittent motion device. A. E. Miller. 2,352,797; July 4.
Variable load brake. E. S. Cook. 2,344,851; Mar. 21.
Variable load brake. E. S. Cook. 2,361,087; Oct. 24.
Variable load brake. C. C. Farmer. 3,363,580; Nov. 28.
Variable load brake. E. E. Hewitt. 2,344,868; Mar. 21.
Variable load brake. R. M. Oliver. 2,355,747; Aug. 15.
Variable load brake. H. I. Tramblie, 2,339,440; Jan. 18.
Variable pitch airscrew. F. M. Thomas. 2,348,764; May 16.
Variable pitch constant speed propeller assembly. W. S. Hoover. 2,363,670; Nov. 28.
Variable pitch propeller. J. E. Carol. 2,341,207; Feb. 8.
Variable pitch propeller control. J. H. Hammond, Jr., and G. A. Colley. 2,342,665; Feb. 29.
Variable pitch propeller mechanism, Combined speed and velocity responsive. W. S. Hoover. 2,347,104; Apr. 18.
Variable reactance. W. van B. Roberts. 2,341,655; Feb. 15.
Variable resistor. F. Gieffers. 2,356,512; Aug. 22.
Variable resistor. G. J. Mucher. 2,346,598; Apr. 11.
Variable resistor. R. Schade. 2,338,458; Jan. 4.
Variable selective system. G. W. Gilman. 2,339,633; Jan. 18.
Variable speed can feed. H. L. Guenther. 2,345,870; Apr. 4.
Variable-speed clutch. E. M. Ferguson, A. W. Barton, and L. P. McCrady. 2,361,898; Oct. 31.
Variable speed-drive. C. R. Hanna and L. A. Kilgore. 2,350,051; Aug. 15.
Variable speed drive. L. S. Treese and E. G. Schubert. 2,351,035; Aug. 29.
Variable speed drive apparatus. G. Lowkrants. 2,356,866; Oct. 10.
Variable speed drive for web feeding apparatus. C. M. Tuttle and W. Bornemann. 2,338,605; Jan. 4.
Variable speed drive, Series. W. R. Harding and S. H. Hanville, Jr. 2,363,320; Nov. 21.
Variable speed epicyclic gearing. E. J. de Normanville. 2,348,410; May 23.
Variable speed gear. A. Booth. 2,341,076; Feb. 8.
Variable speed gearing. C. Herzog. 2,338,514; Jan. 4.
Variable speed motor drive. H. C. Myers and L. A. Kilgore. 2,359,145; Sept. 26.
Variable-speed shaving implement. J. D. Wilhoit and N. F. Huber. 2,339,700; Jan. 11.
Variable speed transmission. A. G. Bade. 2,342,071; Feb. 15.
Variable speed transmission. A. G. Bade. 2,343,840; Mar. 7.
Variable speed transmission. A. G. Bade. 2,359,540; Oct. 3.
Variable speed transmission. W. A. Duffield. 2,339,626; Jan. 18.
Variable speed transmission. E. Higgins. 2,347,479; Apr. 25.
Variable speed transmission. V. Kinzer. 2,342,140; Feb. 22.
Variable speed transmission. E. E. Libman. 2,359,132; Sept. 26.
Variable speed transmission. B. H. Locke. 2,359,526; Oct. 3.
Variable stroke combustion engine. G. C. Miller. 2,340,010; Jan. 25.
Variable stroke pump. O. Celio. 2,348,958; May 16.
Variable stroke pump. B. W. Grimsley. 2,350,678; June 6.
Variable tuning system. W. F. Sands and G. M. Daly. 2,338,184; Jan. 4.
Variable volume pump. C. H. Eden and E. E. Stevenson. 2,359,513; Oct. 3.
Variable volume rotary pump. J. W. F. Holl. 2,359,558; Oct. 3.
Varnish. M. Holsmer and T. A. Neuhaus. 2,356,789; Aug. 29.
Varnish composition. F. G. Oswald. 2,347,923; May 2.
Varnishes, Manufacture of. A. E. Rheineck and S. B. Crecelius. 2,351,545; June 13.
Vat, Immersing. F. Hobbs. 2,351,210; June 13.
Vault and making same. M. Skolnik. 2,340,209; Jan. 25.
Vault, Burial. M. Skolnik. 2,347,440; Apr. 25.
Vault, Burial. D. Turner. 2,356,957; Aug. 29.
Vault, Safe-deposit. W. R. Whiting. 2,356,804; Aug. 29.
Vault, Sterilizing. T. D. Ross. 2,348,574; May 9.
Vector calculating machine. A. H. Kent. 2,364,149; Dec. 5.
Vegetable and fruit grader. S. P. Pennocker. 2,356,945; Aug. 29.
Vegetable bunch tying machine. A. G. Suelflow. 2,354,410; July 25.
Vegetable cutter. H. S. K. Lui. 2,355,812; Aug. 8.
Vegetable cutter. F. W. Lurmann and A. C. Swayne. 2,341,052; Feb. 8.
Vegetable peeler container. M. G. McClung. 2,339,936; Jan. 25.
Vegetable products, Manufacture of dry. B. Moskovits. 2,341,152; Feb. 8.
Vegetable strip cutter. G. W. Watts. 2,346,282; Apr. 11.
Vegetable washer. J. D. Gaddie. 2,346,742; Apr. 18.
Vegetables, Drying of. A. Vang. 2,344,754; Mar. 21.
Vegetables, fruits, and similar vegetable food by drying and briquetting, Preserving. A. Gernow. 2,351,950; June 20.
Vehicle: *See*—
Air conditioned vehicle.
Amphibian vehicle.
Automotive vehicle.
Chain tread vehicle.
Child's vehicle.
Coal mine haulage vehicle.
Combined land, air, and water vehicle.
Combined land and marine vehicle.
Convertible vehicle.
Elevating bed vehicle.
Endless track vehicle.
Excavating, loading, and dumping vehicle.
Dual wheeled vehicle.
Graining ink vehicle.
Grip or container vehicle.
Motor-driven vehicle.
Motor vehicle.
Moving floor vehicle.
Pedal operated vehicle.
Railway vehicle.
Resin emulsion vehicle.
Six wheel motor vehicle.
Skimming and flying vehicle.
Tandem axle vehicle.
Tank vehicle.
Track chain vehicle.
Tractor vehicle.
Vehicle. A. Bloch and G. R. Arons. 2,363,636; Nov. 28.
Vehicle. J. L. Evans. 2,346,130; Apr. 11.
Vehicle. P. Grabinski. 2,349,263; May 23.
Vehicle. R. K. Jeffrey. 2,357,742; Sept. 5.
Vehicle. J. B. Kucera. 2,365,884; Dec. 26.
Vehicle. P. Lim. 2,350,050; May 30.
Vehicle. E. B. Nickles. 2,355,234; Aug. 8.
Vehicle. A. M. Randall. 2,361,869; Oct. 31.
Vehicle. J. P. Seghers. 2,361,323; Oct. 24.
Vehicle. L. R. Simmons. 2,360,902–3; Oct. 24.
Vehicle. W. H. Wheeler. 2,354,627; July 25.
Vehicle and bridge, Military. J. O. Savage. 2,355,473; Aug. 8.
Vehicle and hoist, Timber hauling. J. Cleland, C. E. Goldup, and C. F. M. Chambers. 2,358,668; Sept. 19.
Vehicle arrestor. E. A. Banschbach. 2,256,559; Aug. 22.
Vehicle body. A. P. Ball. 2,338,225; Jan. 4.
Vehicle body. C. B. Doty. 2,361,906; Oct. 31.
Vehicle body. C. B. Doty and T. Vigmostad. 2,361,610; Oct. 31.
Vehicle body. D. S. Eddins. 2,353,320; July 18.
Vehicle body. E. Komenda. 2,344,092; Mar. 14.
Vehicle body. F. D. Rose. 2,358,537; Sept. 19.
Vehicle body. K. Schäfer. 2,356,006; Aug. 15.
Vehicle body. C. Schuls and K. Tandetzke. 2,356,624; Aug. 22.
Vehicle body. J. Votypka. 2,338,309; Jan. 4.
Vehicle body and frame. J. Pessano. 2,354,700; Aug. 1.
Vehicle body construction. W. W. Gentry. 2,355,794; Aug. 15.
Vehicle body, especially driver's cab. A. R. Lindsay. 2,358,172; Sept. 12.
Vehicle body, Farm. T. J. Conway and A. B. Buss. 2,345,328; Mar. 28.

Vehicle body support. W. D. Harper. 2,355,528; Aug. 8.
Vehicle body with a chassis or an axle aggregate, Movable connection of a. K. Wilfert and B. Barényi. 2,352,054; June 20.
Vehicle brake. C. A. Sawtelle. 2,348,500; May 9.
Vehicle brake signal. L. F. Sarnes. 2,361,361; Oct. 24.
Vehicle cab. D. L. Cooper. 2,362,453; Nov. 14.
Vehicle clutch and transmission control. S. Jory. 2,344,861; Mar. 21.
Vehicle construction. J. Z. Feigelson. 2,364,842; Dec. 12.
Vehicle construction. N. Milner. 2,351,629; June 20.
Vehicle construction. J. D. Rauch. 2,343,800; Mar. 7.
Vehicle construction. D. G. Roos. 2,356,180; Aug. 22.
Vehicle construction and assembling same. J. Ledwinka, O. Trautvetter, and J. W. Kelly. 2,362,077; Nov. 7.
Vehicle control mechanism. J. Nicol. 2,340,339; Feb. 1.
Vehicle control mechanism. S. Vorech. 2,358,895; Sept. 26.
Vehicle coupler. K. C. Clark. 2,341,628; Feb. 15.
Vehicle direction signaling system. E. L. Rairdon. 2,344,637; Mar. 21.
Vehicle drive. F. L. Albeu. 2,365,505; Dec. 19.
Vehicle drive. H. V. Welles. 2,352,301; June 27.
Vehicle drive, Four-wheel. R. L. Farnsworth. 2,349,151; May 16.
Vehicle driven pontoon. G. Frova. 2,342,535; Feb. 22.
Vehicle driving mechanism. L. A. Bixby. 2,344,388; Mar. 14.
Vehicle dump body mounting and dump door actuating mechanism. R. T. Weierbach. 2,360,456; Oct. 17.
Vehicle floor, Convertible. E. P. Houssiere. 2,360,133; Oct. 10.
Vehicle for propelling and driving rotary snow plows and other mechanisms. E. R. Greer. 2,355,912; Aug. 15.
Vehicle front end construction. E. G. Zeeb. 2,358,486; Sept. 19.
Vehicle glare shield and operating means therefor. O. Wiederhold. 2,340,722; Feb. 1.
Vehicle having oscillating half axles. O. Winkelmann. 2,344,072; Mar. 14.
Vehicle headlight with integral full-beam electric lamps. H. Swanson. 2,362,172; Nov. 7.
Vehicle hitch. C. R. Bingham. 2,350,579; June 6.
Vehicle hoist. E. B. Thompson. 2,342,311; Feb. 22.
Vehicle jack. J. W. Scane. 2,360,624; Oct. 17.
Vehicle jack. P. Schwars. 2,353,855; July 16.
Vehicle lamp. A. Chiti. 2,338,901; Jan. 11.
Vehicle landing gear. C. J. Wagner. 2,348,869; May 16.
Vehicle lighting, Motor. C. C. Jackson. 2,360,499; Oct. 17.
Vehicle lighting, Motor. H. R. Voorhees and H. C. Simons. 2,360,530; Oct. 17.
Vehicle opener. A. Pletrobon. 2,350,250; May 30.
Vehicle position indicating means. F. C. P. Henroteau. 2,363,416; Nov. 21.
Vehicle recorder. J. Perricone. 2,348,923; May 16.
Vehicle rut filler and antiskid structure, Automotive. K. W. Couse. 2,355,204; Aug. 8.
Vehicle seat. S. Bergman. 2,346,895; Apr. 18.
Vehicle seat. H. C. Carpenter. 2,346,414; Apr. 11.
Vehicle signal. S. E. Cross. 2,347,937; May 2.
Vehicle signal. S. Kalisz. 2,342,349; Feb. 22.
Vehicle signal. E. A. Reed. 2,342,010; Feb. 15.
Vehicle speed recorder. C. H. H. Rodanet. 2,341,118; Feb. 8.
Vehicle spring. H. A. Floraus. 2,358,699–700; Sept. 19.
Vehicle spring. W. C. Tollsien. 2,346,092; Apr. 4.
Vehicle spring suspension. W. B. Fageol. 2,344,983; Mar. 28.
Vehicle spring suspension. A. J. Lavoie. 2,345,270; Mar. 28.
Vehicle spring suspension. G. Lively. 2,348,485; May 9.
Vehicle springing. J. Müller. 2,356,606; Aug. 22.
Vehicle steering mechanism. T. H. and W. H. Briggs. 2,344,797; Mar. 21.
Vehicle suspension and spring. A. S. Krotz. 2,345,201; Mar. 28.
Vehicle suspension control mechanism. A. M. Wolf. 2,358,871; Sept. 19.
Vehicle tire. P. O. Pfeiffer. 2,345,068; Mar. 28.
Vehicle tire. N. H. Shillman. 2,338,875; Jan. 11.
Vehicle top. A. Keller. 2,365,765; Dec. 26.
Vehicle top operating mechanism. J. B. Parsons. 2,350,634; June 6.
Vehicle traction attachment. R. W. Collier. 2,362,246; Nov. 7.
Vehicle tread. O. F. Arthur. 2,361,165; Oct. 24.
Vehicle wheel. J. H. Hunt and H. J. Horn. 2,363,182–3; Nov. 21.
Vehicle wheel. J. A. Marison. 2,356,940; Aug. 29.
Vehicle wheel and tire. C. A. Tschans. 2,347,622; Apr. 25.
Vehicle wheel brake. E. T. Weeks and F. M. McCulley. 2,356,111; Aug. 15.
Vehicle wheel mounting. G. L. Larison. 2,349,289; May 23.
Vehicle wheel spring support. R. J. Hassett. 2,347,948; May 2.
Vehicle windscreen or window opening and closing mechanism. S. A. Walton. 2,356,982; Aug. 15.
Vehicles, Load weighing device for. H. R. Poston and P. C. Feikel. 2,365,589; Dec. 19.
Vehicles, Loading and unloading apparatus for self-propelled. F. L. Smith. 2,354,337; July 25.
Vehicles, Safety holding device for. V. R. Carlisle. 2,365,626; Dec. 19.
Vehicular actuated switch. S. S. Stolp. 2,361,358; Oct. 24.
Vehicular brake, Automatically adjustable. E. J. Nachtwey. 2,345,062; Mar. 28.
Vehicular glazing construction. F. F. Painter. 2,356,878; Aug. 29.
Velocipede. F. M. Morgan and L. C. McKay. 2,338,730; Jan. 11.
Velocipede. W. I. Smith. 2,353,515; July 11.
Vending machine. R. Baker, Sr. 2,365,995; Dec. 26.
Vending machine. G. C. Bauman, J. E. Bolen, and E. H. Thompson. 2,365,165; Dec. 19.
Vending machine. C. L. Casey. 2,339,681; Jan. 18.
Vending machine. C. L. Casey. 2,352,471; June 27.
Vending machine. J. R. Donaldson. 2,358,563; Sept. 19.
Vending machine. C. Gabrielsen. 2,339,391; Jan. 18.
Vending machine. L. O. Garner. 2,338,714; Jan. 11.
Vending machine. L. O. Garner. 2,359,984; Oct. 10.
Vending machine. O. D. Jennings and E. Mihalek. 2,351,432; June 13.
Vending machine. J. King. 2,338,335; Jan. 4.
Vending machine. F. Niewoehner. 2,351,779; June 20.
Vending machine. C. L. O'Reilly. 2,356,687; Aug. 22.
Vending machine. C. F. Pease. 2,353,496; July 11.
Vending machine. O. T. Thompson and S. N. Hope. 2,359,398; Oct. 3.
Vending machine. E. H. Worsham. 2,342,505; Feb. 22.
Veneer apparatus. M. M. Teague. 2,338,879; Jan. 11.
Veneer edge preparing apparatus. W. C. Bailey and C. M. Adams. 2,362,527; Nov. 14.
Veneer lathe attachment. C. Shaw. 2,342,701; Feb. 29.
Veneering press. A. Friz. 2,348,803; May 16.
Venetian blind. A. F. and A. E. Rice. 2,365,004; Dec. 12.
Venetian blind slats, Method of and apparatus for forming. A. B. Wilson. 2,338,678; Jan. 4.
Venetian blind structure. H. F. Norton. 2,341,233; Feb. 8.
Venetian blind tilt bar coupling member. W. J. Stuber. 2,346,625; Apr. 11.
Vent for cores. E. Stein. 2,363,450; Nov. 21.
Vent for fluid pressure regulator, Automatic. R. C. Hughes. 2,359,111; Sept. 26.
Vent means, Nonspill. G. H. Fritzinger. 2,355,288; Aug. 8.
Vent pipe valve for fuel oil tanks. F. B. Hooper. 2,344,304; Mar. 14.
Vent structure for cells employing liquid electrolytes. C. D. Olson. 2,346,937; Apr. 18.
Vent structure for storage batteries. C. Ambruster. 2,362,335; Nov. 7.
Vent system, Fuel cell. C. L. Zitza. 2,356,906; Aug. 29.
Ventilated insole. M. Margolin. 2,347,207; Apr. 25.
Ventilated radio-shielded spark plug. M. F. Peters and D. Ingalls. 2,350,367; June 6.
Ventilating apparatus. C. W. Stickler. 2,345,636; Apr. 4.
Ventilating device. A. G. Sutcliffe and L. C. Weaver. 2,339,363; Jan. 18.
Ventilating device for sewing machines. I. Bien. 2,341,898; Feb. 15.
Ventilating means. F. L. Slade. 2,341,296; Feb. 8.
Ventilating system. J. C. Evans. 2,339,987; Jan. 25.
Ventilating system, Crankcase. W. Engstrom and E. Ginn. 2,346,736; Apr. 18.
Ventilating system, Crankcase. W. W. Lowther. 2,359,485; Oct. 3.
Ventilating system for positive air control in buildings. A. E. Waterman. 2,354,292; July 25.
Ventilation and exhaust pipe cooling in boats. P. E. Fluor. 2,356,392; Aug. 22.
Ventilation apparatus. A. Marx. 2,358,868; Sept. 26.
Ventilation of electrical machines. G. R. Anderson. 2,357,923; Sept. 12.
Ventilation system for boats. J. S. Fluor, Jr. 2,356,391; Aug. 22.
Ventilator. G. G. Bastian. 2,356,735; Aug. 29.
Ventilator. S. W. Bruun and E. Rambusch. 2,360,104; Oct. 10.
Ventilator. K. S. Castle. 2,354,795; Aug. 1.
Ventilator. J. A. Conboie. 2,352,821; July 4.
Ventilator. R. Evans. 2,347,895; May 2.
Ventilator. G. Herbster. 2,355,294; Aug. 8.
Ventilator. B. Jochums. 2,358,398; Sept. 19.
Ventilator. J. Karol. 2,363,733; Nov. 28.
Ventilator. H. R. Larsen. 2,356,325; Aug. 22.
Ventilator. C. Levinsen. 2,354,466; July 25.
Ventilator. J. H. McPartland. 2,360,782; Oct. 17.
Ventilator. A. M. Rankin. 2,348,148; May 2.
Ventilator. C. J. Weller. 2,351,794; June 20.
Ventilator, Adjustable. F. J. Burns. 2,355,847; Aug. 15.
Ventilator and light, Combined. W. A. Norris. 2,357,684; Sept. 5.
Ventilator, Black-out. W. W. Carver. 2,362,114; Nov. 7.
Ventilator connection, Car heater. A. B. Arnold. 2,355,501; Aug. 8.
Ventilator for buildings. J. H. Klunder. 2,350,771; June 6.
Ventilator for portholes and like openings. W. W. Carver. 2,364,271; Dec. 5.
Ventilator, Louver. A. G. Siebenlist. 2,340,570; Feb. 1.

Ventilator, Porthole black-out. J. S. Taylor. 2,361,136; Oct. 24.
Ventilator, Roof. N. T. MacKenzie. 2,359,716; Oct. 3.
Ventilator, Storm sash. M. H. Ave'Lallemant. 2,365,323; Dec. 19.
Ventilator system. L. M. Jenness. 2,355,536; Aug. 8.
Ventilator, Vehicle. C. H. Turner. 2,339,441; Jan. 18.
Vermin poison dispenser. J. McK. Ballou. 2,339,745; Jan. 18.
Vernier height gauge. J. Bardega. 2,346,063; Apr. 4.
Vertical hammermill discharge. H. H. Harris. 2,344,611; Mar. 21.
Vertical projector camera. W. C. Huebner. 2,346,490; Apr. 11.
Vessel and constructing it. M. M. Upson and J. N. Philbrook. 2,344,223; Mar. 14.
Vessel locating and lifting apparatus, Marine. R. B. Luby. 2,341,799; Feb. 15.
Vessel, Marine. J. Boucek. 2,341,077; Feb. 8.
Vessel, Multilayer. T. M. Jasper. 2,363,967; Nov. 28.
Vessel, Pressure. H. J. Kerr. Re. 22,436; Feb. 15.
Vessel, Pressure resistant. H. Birchall. 2,360,391; Oct. 17.
Vessel raising means. V. Prassel. 2,361,868; Oct. 31.
Vessel, sailing. E. L. Blackman. 2,353,007; July 4.
Vessel, Unit loading cargo. P. Lovfald. 2,363,797; Nov 28.
Vessels having refractory linings, Treating. F. Roberson. 2,339,192; Jan. 11.
Vessels, Making. A. R. Eckberg. 2,362,544; Nov. 14.
Vessels, Making double walled. R. A. Gulick. 2,339,221; Jan. 11.
Vessels, Raising or lifting sunken or partially sunken. R. F. Bartlett. 2,363,488; Nov. 28.
Vest, Shock absorbent and buoyant. H. Pfleumer. 2,338,535; Jan. 4.
Vibrating converter. A. Leifer and F. Schilgren. 2,357,334; Sept. 12.
Vibrating feed for cigar machines. W. C. Broekhuysen. 2,342,116; Feb. 22.
Vibrating mill. M. F. Morgan. 2,365,897; Dec. 26.
Vibrating relay modulator circuit. H. A. Affel. 2,365,672; Dec. 26.
Vibration absorbing gear. F. J. Loetterle. 2,362,141; Nov. 7.
Vibration actuated pivoted thread holder for looms. H. A. Whitin. 2,360,807; Oct. 17.
Vibration analyzer. W. J. Brown. 2,361,990; Nov. 7.
Vibration dampener. F. F. Kishline. 2,346,972; Apr. 18.
Vibration dampener. C. A. Meyer. 2,349,187; May 16.
Vibration dampening. A. Vang. 2,361,071; Oct. 24.
Vibration damper. M. Ware. 2,342,989; Feb. 29.
Vibration damping device. M. Ware. 2,348,941; May 16.
Vibration damping mounting. R. C. Henshaw. 2,351,427; June 13.
Vibration indicator. R. K. Frazier. 2,361,349; Oct. 24.
Vibration isolating means. S. D. Gehman. 2,342,577; Feb. 22.
Vibration measuring apparatus. F. C. Rushing and M. P. Vore. 2,359,158; Sept. 26.
Vibration motor. F. B. Norman. 2,354,605; July 25.
Vibration pickup. K. Ehrgott and A. C. Hagg. 2,363,303; Nov. 21.
Vibration power supply system. T. N. Rosser and R. J. Aust. 2,362,028; Nov. 7.
Vibration producing mechanism. J. C. O'Connor. 2,353,492; July 11.
Vibration suppressing engine mount. J. M. Tyler. 2,343,626; Mar. 7.
Vibration testing apparatus. R. F. Snyder. 2,342,605; Feb. 22.
Vibration testing device. J. D. Buchanan and P. W. Adler. 2,348,189; May 9.
Vibration translating device. G. R. Yenzer. 2,347,347; Apr. 25.
Vibrator. R. L. Johnstone. 2,366,033; Dec. 26.
Vibrator. W. F. Purves and S. P. Harris. 2,350,817; June 6.
Vibrator. A. C. Wilcox. 2,346,465; Apr. 11.
Vibrator apparatus. J. L. Gothers. 2,347,554; Apr. 25.
Vibrator device. S. Steuerman. 2,360,803; Oct. 17.
Vibrator, Massaging. F. J. La Mere and R. Sardeson. 2,338,439; Jan. 4.
Vibrator mounting. R. J. Aust. 2,339,973; Jan. 25.
Vibrator operated power supply. R. J. Aust. 2,347,165; Apr. 25.
Vibratory apparatus. J. F. Meyer. 2,349,743; May 23.
Vibratory device. H. B. Logan. 2,350,563; June 6.
Vibratory electric motor. C. S. Weyandt. 2,356,961; Aug. 29.
Vibratory feed control mechanism. A. E. Page. 2,344,450; Mar. 14.
Vibratory machine. E. and R. Craig. 2,348,332; May 9.
Vibratory relay. S. H. Towner. 2,358,891; Sept. 26.
Vibrometer, Electrical displacement. O. F. Ritzmann. 2,359,245; Sept. 26.
Video signal control system. L. F. Mayle. 2,352,488; June 27.
View and range finder, Combination. A. Simmon. 2,340,623; Feb. 1.
View and range finder for cameras, Combined. J. Mihalyi. 2,346,976; Apr. 4.
View finder, Electronic. R. L. Campbell. 2,347,933; May 2.
View transmission system. V. K. Zworykin. 2,338,562; Jan. 4.
Viewer for transparencies. W. W. Naramore. 2,345,416; Mar. 28.
Viewing apparatus. V. E. Pratt. 2,350,189; May 30.
Vinyl acetate from solvent mixtures, Recovery of. D. B. Benedict. 2,349,807; May 30.
Vinyl acetate from solvent mixtures, Recovery of. D. B. Benedict. 2,350,087; May 30.
Vinyl aromatic resins, Production of. E. C. Britton and W. J. Le Fevre. 2,359,196; Sept. 26.
Vinyl chloride copolymers. W. Scott and R. B. Seymour. 2,348,154; May 2.
Vinyl chloride polymers, Heat stable composition containing. J. R. Lewis and L. B. and W. M. Morgan. 2,338,187; Jan. 4.
Vinyl chloride, Producing. E. Schaeffer. 2,338,459; Jan. 4.
Vinyl compounds, Stabilization of. R. A. Franz. 2,361,538; Oct. 31.
Vinyl copolymer fibrous, Dyeing. E. W. Rugeley and T. A. Feild, Jr. 2,347,508; Apr. 25.
Vinyl esters of monocarboxylic acids, Manufacture of. H. Fischer and A. Freytag. 2,342,463; Feb. 22.
Vinyl esters of unsaturated acids. W. Bauer and C. T. Kautter. 2,363,286; Nov. 21.
Vinyl esters, Stabilization of. A. Berne-Allen, Jr. 2,343,950; Mar. 14.
Vinyl esters, Stabilization of. A. Berne-Allen, Jr. 2,351,658; June 20.
Vinyl halides, Polymerization of. C. F. Fryling. 2,356,925; Aug. 29.
Vinyl polymers, Dyeing. K. Heymann. 2,351,046; June 13.
Vinyl polymers, Dyeing. K. Heymann. 2,362,375; Nov. 7.
Vinyl polymers, Dyeing. K. Heymann. 2,362,376; Nov. 7.
Vinyl polymers, Dyeing. K. Heymann. 2,362,377; Nov. 7
Vinyl resin. R. W. Staley. 2,340,151; Jan. 25.
Vinyl resin composition. S. D. Douglas. 2,349,412; May 23.
Vinyl resin-containing compositions. F A. Bent and G. A. Stenmark. 2,360,540; Oct. 17.
Vinyl resins. R. W. Staley. 2,350,199; May 30.
Vinyl type halides, Treatment of. J. Anderson, R. M. Stager, Jr., and S. H. McAllister. 2,359,459; Oct. 3.
Vinylidene chloride polymers, Fabricating. R. M. Wiley. 2,348,772; May 16.
Vinylidene chloride, Treatment of. A. W. Hanson. 2,340,834; Feb. 1.
Viscometer. H. Green. 2,365,339; Dec. 19.
Viscometer, Capillary. E. P. Irany. 2,343,061; Feb. 29.
Viscose, Production of. J. P. Holliban, Jr. 2,355,650; Aug. 15.
Viscose, Production of. R. W. Nash. 2,338,196; Jan. 4.
Viscose rayon, Continuous manufacture of. A. F. F. Mothwurf. 2,345,622; Apr. 4.
Viscose solution. R. S. Biey. 2,341,509; Feb. 15.
Viscose spinning solution. R. S. Biey. 2,348,203; May 9.
Viscose spinning solution. B. W. Collins. 2,359,750; Oct. 10.
Viscosimeter. G. S. Bays. 2,354,299; July 25.
Viscosimeter. P. E. Bjork. 2,340,507; Feb. 1.
Viscosity control valve. W. Worth. 2,349,327; May 23.
Viscosity flow control. K. R. Herman. 2,343,375; Mar. 7.
Viscosity measuring apparatus. E. A. Hagy. 2,339,991; Jan. 25.
Viscosity reducing. C. E. Hemminger. 2,362,270; Nov. 7.
Vise. R. S. Condon and W. H. Williams. 2,363,230; Nov. 21.
Vise. A. A. Lines. 2,345,708; Apr. 4.
Vise. L. Meister. 2,349,291; May 23.
Vise. C. L. Vanerstrom. 2,338,471; Jan. 4.
Vise. D. Wachsman. 2,343,391; Mar. 7.
Vise. M. E. Wing. 2,360,091; Oct. 10.
Vise, Quick-action. N. W. Warman. 2,359,951; Oct. 10.
Vise, Quick-adjustable. R. O. Heinrich. 2,362,067; Nov. 7.
Visibility, Reducing. S. Cabot. 2,359,746; Oct. 10.
Visible record. T. J. O'Kane. 2,354,769; Aug. 1.
Visor. G. A. Roberts. 2,357,974; Sept. 12.
Visor. F. J. Westrope. 2,360,183; Oct. 10.
Visor construction. W. J. Pelcher and A. J. Diroff. 2,340,015; Jan. 25.
Visual exposure meter. K. Rath. 2,340,141; Jan. 25.
Vitamin and mineral composition. L. Freedman. 2,359,413; Oct. 3.
Vitamin and obtaining same. S. A. Thayer, S. B. Binkley, R. W. McKee, D. W. MacCorquodale, and E. A. Doisy. 2,348,037; May 2.
Vitamin B complex concentrate, Preparing a. S. Musher. 2,357,756; Sept. 5.
Vitamin B, and of similarly built compounds, Preparation of. R. König, A. Gerecs, and Z. Foldi. 2,356,564; Aug. 22.
Vitamin compositions, Preparation of. E. J. Lawson and H. C. Parke. 2,358,336; Sept. 19.
Vitamin concentrates, Producing. H. B. Kellog and H. D. Hineline. 2,350,768; June 6.
Vitamin-containing materials, Refining. L. O. Buxton. 2,360,039; Oct. 10.

Vitamin-containing materials, Refining and stabilization of. L. O. Buxton. 2,345,961; Apr. 4.
Vitamin-containing materials, Refining fat-soluble. L. O. Buxton. 2,353,011; July 4.
Vitamin extracts, Treatment of. B. Maizel. 2,364,639; Dec. 12.
Vitamin fortification. A. E. Briod and L. O. Buxton. 2,345,571; Apr. 4.
Vitamin intermediates and their preparation. E. J. Lawson, H. C. Parke, and L. A. Sweet. 2,358,337; Sept. 19.
Vitamin preparation and making same. H. F. Taylor. 2,348,503; May 9.
Vitaminizing fluid. F. N. Peters and E. G. Rupp. 2,356,350; Aug. 22.
Vitreous electrical device and its fabrication. R. A. Kuebler. 2,359,483; Oct. 3.
Vitreous enameling. L. J. Frost and C. H. Commons, Jr. 2,339,260; Jan. 18.
Vitrified diamond grinding wheel. R. H. Lombard. 2,356,937–8; Aug. 29.
Vitrified grinding wheel. G. N. Jeppson and M. F Beecher. 2,351,433; June 13.
Volatile liquids, Transfer of. M. P. De Motte. 2,346,253; Apr. 11.
Voltage control circuit, Time delayed reduced. J. S. Taylor. 2,345,510; Mar. 28.
Voltage control means. W. O. Frohring. 2,352,621; July 4.
Voltage indicating circuit. J. E. Maynard. 2,341,936; Feb. 15.
Voltage regulator. W. C. Graban. 2,349,166; May 16.
Voltage regulator. J. E. Priest. 2,346,997; Apr. 18.
Voltage regulator. J. S. Rhyne. 2,349,308; May 23.
Voltage stabilizer. E. Lee. 2,351,980; June 20.
Voltage stabilizer, Electronic. L. G. Parratt and J. W. Trischka. 2,362,769; Nov. 14.
Voltage supply circuits. R. B. Lincoln. 2,360,694; Oct. 17.
Voltage variation compensator. R. E. Schock. 2,354,483; July 25.
Volt-ampere meter. I. F. Kinnard. 2,350,170; May 30.
Voltmeter and ohmmeter, Electronic. J. R. Banker. 2,356,733; Aug. 29.
Volume control apparatus for radio receivers. R. B. Foster. 2,345,927; Apr. 4.
Volume control, Automatic. E. Stanko. 2,338,551; Jan. 4.
Volume control, Automatic air. A. P. Ruth. 2,362,586; Nov. 14.
Volume control device, Automatic. W. Moser. 2,363,985; Nov. 28.
Volume control for diffusers. G. S. Dauphinee. 2,365,867; Dec. 26.
Volume control for radio-phonographs. D. Grimes. 2,350,277; May 30.
Volumeter for continuous measurement. D. C. Holmes. 2,340,751; Feb. 1.
Vortex separator. T. A. Bryson. 2,346,005; Apr. 4.
Voting booth assembly. W. B. and W. H. Douglas. 2,354,743; Aug. 1.
Voting machine. A. N. Gustavson. 2,346,299; Apr. 11.
Voting machine. A. N. Gustavson. 2,346,982; Apr. 18.
Voting machine. A. N. Gustavson. 2,347,524; May 2.
Voting machine. A. N. Gustavson. 2,358,922; Sept. 26.
Voting machine. A. N. Gustavson. 2,362,266; Nov. 7.
Voting machine. A. N. Gustavson. 2,363,729; Nov. 28.
Voting machine. G. D. Rathbun. 2,364,097; Dec. 5.
Vulcanizer. G. P. Bosomworth and E. S. Heck. 2,339,553; Jan. 18.
Vulcanizer. J. W. Brundage. 2,338,280; Jan. 4.
Vulcanizer. J. W. Brundage. 2,343,641; Mar. 7.
Vulcanizer. J. W. Brundage. 2,355,846; Aug. 15.
Vulcanizer. A. W. Ferre and C. E. Blanchard. 2,343,893; Mar. 14.
Vulcanizer, Portable. R. E. Laurence. 2,356,858; Aug 29.
Vulcanization. G. P. Bosomworth and H. G. Hager. 2,339,541; Jan. 18.
Vulcanization of rubber. P. C. Jones and R. A. Mathes. 2,356,933; Aug. 29.
Vulcanization of rubber. R. A. Mathes. 2,338,863–4; Jan. 11.
Vulcanizing apparatus. E. A. Luxenberger. 2,350,175; May 30.
Vulcanizing apparatus. C. M. Semler. 2,348,229; May 9.
Vulcanizing apparatus, Continuous. H. T. Battin. 2,339,611; Jan. 18.
Vulcanizing device. A. Ridd. 2,340,692; Feb. 1.
Vulcanizing method and apparatus. T. M. Knowland and W. C. Bleher. 2,351,881; June 20.
Vulcanizing press. L. E. Soderquist. 2,340,231; Jan. 25.
Vulcanizing press. L. E. Soderquist. 2,358,762–4; Sept. 19.
Vulcanizing press and the like. L. E. Soderquist and T. H. Williams. 2,345,838; Apr. 4.
Waddling duck. D. E. Gumb. 2,365,071; Dec. 12.
Waffle iron. W. W. Garstang. 2,358,452; Sept. 19.
Waffle iron. A. P. Gruenke, and B. E. Stair. 2,352,706; July 4.
Waffle iron and the like. A. M. Young and J. C. Adams. 2,354,240; July 25.
Waft detector control on drop box looms. C. Darwin. 2,360,852; Oct. 24.
Wagon. H. H. Thieman. 2,342,618; Feb. 22.
Wagon and spring therefor, Wooden. K. A. Counts. 2,353,999; July 18.
Wagon dump. L. B. Neighbour, F. T. Court, and B. R. Haverstick. 2,349,911; May 30.
Waistband, Garment. A. J. E. Key. 2,353,567; July 11.
Walker and rejuvenator for physically disabled persons. F. E. Carter. 2,362,466; Nov. 14.
Wall and closure support. P. Zalkind. 2,347,725; May 2.
Wall and partition for buildings. W. G. Hitchins. 2,366,109; Dec. 26.
Wallboard. P. W. Codwise. 2,344,600; Mar. 21.
Wallboard machine and method. V. Wade. 2,360,918; Oct. 24.
Wallboard, Manufacture of composite. J. B. Sandford and V. Lefebure. 2,346,999; Apr. 18.
Wall bracket. R. S. Sanford. 2,353,363–4; July 11.
Wall bracket, Swing-out-of-the-way type. R. E. McLean. 2,351,531; June 13.
Wallboard unit, Supporting structural. B. J. Bartholomew. 2,361,733; Oct. 31.
Wall clip. F. La Grotta. 2,365,478; Dec. 19.
Wall construction. B. E. Baiduf. 2,357,722; Sept. 5.
Wall construction. G. R. Dodson. 2,340,263; Jan. 25.
Wall construction. M. Knight. 2,357,525; Sept. 5.
Wall construction. J. J. Manofsky. 2,340,891; Feb. 8.
Wall construction. J. J. Manofsky. 2,358,277; Sept. 12.
Wall construction. G. E. Swenson. 2,347,756; May 2.
Wall construction and device therefor. M. L. Leary. 2,351,525; June 13.
Wall courses, Laying longitudinal. W. E. Urschel. 2,339,893; Jan. 25.
Wall form tie. B. Hillberg. 2,358,975; Sept. 26.
Wall material hoist. C. A. McPherson. 2,358,865; Sept. 26.
Wall mounting. C. D. Lowry. 2,363,429; Nov. 21.
Wall or door construction, Sound barrier. R. L. Leadbetter. 2,363,068; Nov. 21.
Wall or partition, Flexible. L. Winters. 2,352,420; June 27.
Wall panel. P. S. Huyssen. 2,352,714; July 4.
Wallpaper, Hanging prepasted. W. H. Yates and LeR. W. Staunton. 2,347,865; May 2.
Wallpaper machine. W. E. Shoemaker. 2,352,978; July 4.
Wallpapering material, Packaging of. H. Freund. 2,346,190; Mar. 28.
Wall plates and the like, Making. J. A. Brund. 2,363,226; Nov. 21.
Wall protector. C. D. Cash. 2,340,173; Jan. 25.
Wall scraper and well logging tool. W. L. Church 2,344,598; Mar. 21.
Wall screen structure. R. N. Myers. 2,359,717; Oct. 3.
Wall, Sectionally supported. P. W. Antill. 2,341,971; Feb. 15.
Wall structure. H. Braloff. 2,350,093; May 30.
Wall structure. G. G. Ellinwood. 2,362,252; Nov. 7.
Wall structure. B. Goerg. 2,355,855; Aug. 15.
Wall structure. R. Kalkusch. 2,346,170; Apr. 11.
Wall structure and fastener. P. G. Deuchler and W. A. Moore. 2,339,841; Jan. 25.
Wall structure and making the same. W. S. Miles and P. A. Voigt. 2,351,994; June 20.
Wall telephone subset. E. S. McLarn. 2,365,481; Dec. 19.
Walls for cases, partitions, and the like, Structural joining of. P. H. Waller. 2,363,164; Nov. 21.
Walnut cutting machine. J. F. McNutt and R. E. Colby. 2,344,711; Mar. 21.
Warplane. R. Kauch and C. L. Paulus. 2,346,689; Apr. 18.
War vessel with high power, long range gun. N. M. Hopkins. 2,349,728; May 23.
Warfare, Aerial. G. J. Uzmann. 2,363,626; Nov. 28.
Warfare, Sea. F. M. Rabuse. 2,352,862; July 4.
Wardrobe bag. E. J. Malone. 2,355,002; Aug. 1.
Warm air furnace. R. S. Dill. 2,339,254; Jan. 18.
Warming pad. K. L. Woodman. 2,340,097; Jan. 25.
Warning device for aircraft, Stall, skid, and slip. C. J. Crane. 2,343,281; Mar. 7.
Warning device, Wing locking pin. G. D. Evans. Re. 22,435; Feb. 15.
Warning signal. T. T. Allison, Jr. 2,344,014; Mar. 14.
Warning signal. J. La Rocca. 2,347,784; May 2.
Warning system, Radio. H. W. Appel. 2,361,585; Oct. 31.
Warp beam sleeves, Making. J. J. Ladden. 2,346,035; Apr. 4.
Warp knitting machine. E. Cotterill. 2,339,153; Jan. 11.
Warp pile fabric. W. S. Nutter. 2,362,299; Nov. 7.
Warp stop motion. O. V. Payne. 2,342,752; Feb. 29.
Warp stop motion knockoff device. J. Stuer. 2,355,609; Aug. 15.
Warping machine. G. Wiggermann. 2,356,365; Aug. 22.
Washed potatoes, Method and apparatus for treating. J. W. Morse. 2,342,007; Feb. 15.

Washer: *See*—

Air and gas washer.
Ampoule washer.
Auto parts washer.
Car Washer.
Commercial washer.
Faucet washer.
Gas cleaner and washer.
Hurdle washer.
Open-width washer.
Paper pulp stock washer.
Resilient washer.
Segmental washer.
Vegetable washer.

Washer. H. B. Meeker. 2,347,210; Apr. 25.
Washer. P. J. Scharringhausen and C. F. Zipper. 2,350,875; Oct. 10.
Washer. J. H. Thompson. 2,347,343; Apr. 25.
Washer and cotter pin spreader, Combined. J. McMullen. 2,345,141; Mar. 28.
Washer, Automatic. P. E. Geldhof and L. Ringer. 2,347,190; Apr. 25.
Washer, Inner tub. F. J. Hayes. 2,346,133; Apr. 11.
Washer or cleaner. A. C. Goethel. 2,360,669; Oct. 17.
Washer retainer. S. M Kass 2,348,390; May 9
Washer strip and method and apparatus for producing same. O. J. Poupitch. 2,352,118; June 20.
Washing. J. B. Dyer. 2,344,962; Mar. 28.
Washing apparatus. F. Breckenridge. 2,343,742; Mar. 7.
Washing apparatus. D. A. Edgar. 2,345,185; Mar. 28.
Washing apparatus for air preheaters. J. Waitkus. 2,356,021; Aug. 1.
Washing apparatus, Portable. V. Lundgren-Jonson. 2,341,729; Feb. 15.
Washing compositions. G. B. Hatch. 2,365,190; Dec. 19.
Washing machine. H. F. Bariffi. 2,341,894; Feb. 15.
Washing machine. F. A. Conterman. Re. 22,528; Aug. 15.
Washing machine. O. T. Dehle. 2,358,691; Sept. 19.
Washing machine. J. G. De Remer. 2,350,218; May 30.
Washing machine. G. W. Dunham. 2,346,668-9; Apr. 18.
Washing machine. G. W. Dunham. 2,356,573; Aug. 22.
Washing machine. G. C. Fields. 2,342,185; Feb. 22.
Washing machine. P. E. Frants. 2,359,636; Oct. 10.
Washing machine. A. H. Haberstump. 2,354,208; July 25.
Washing machine. M. M. Jackson. 2,359,480; Oct. 3.
Washing machine. R. C. McPhilomy. 2,355,455; Aug. 8.
Washing machine. L. J. Strauss and R. E. Rousseau. 2,341,435; Feb. 22.
Washing machine. S. Wallace. 2,338,150; Jan. 4.
Washing machine and drier. P. E. Geldhof and L. Ringer. 2,350,108; May 30.
Washing machine and method. G. W. Wardwell, Jr. 2,362,871; Nov. 14.
Washing machine apparatus. F. V. Chaney. 2,348,450; May 9.
Washing machine mechanism. J. F. Gregg. 2,342,269; Feb. 22.
Washing treatment. J. N. Borglin. 2,343,639; Mar. 7.
Waste and grease trap. M. Cavicchioli. 2,353,993; July 18.
Waste guard. J. Nimmo. 2,348,562; May 9.
Waste heat boiler. C. E. Stromquist. 2,358,358; Sept. 19.
Waste heat boiler. C. E. Stromquist. 2,365,305; Dec. 19.
Waste polychloroprene, Reclaiming. W. G. Kirby and L. E. Steinle. 2,343,559; Mar. 7.
Waste solutions containing sulphur, etc., Reclaiming of constituents from. J. August, Jr. 2,352,594; July 4.
Watch. G. Ditesheim. 2,341,271; Feb. 8.
Watch. A. J. Hasselman and E. H. Beiser. 2,364,440; Dec. 5.
Watch band, bracelet or similar article, Wrist. D. E. Jatet. 2,338,332; Jan. 4.
Watchcase. H. Sickinger. 2,344,422; Mar. 14.
Watchcase. M., P., and B. Taubert. 2,350,651; June 6.
Watch crystal assembly tool. G. Maire. 2,338,343; Jan. 4.
Watch indicator. J. Salit. 2,347,129; Apr. 18.
Watch key winder. Z. E. House. 2,356,670 Aug. 22.
Watchmaker's tool. P. A. Harmon. 2,343,057; Feb. 29.
Water bag. P. S. Madsen. 2,356,602; Aug. 22.
Water by froth flotation, Clarification of white. R. B. Booth. 2,347,147; Apr. 18.
Water, Chemical demineralization of sea. C. R. Spealman. 2,363,020; Nov. 21.
Water circuit steam generator. T. Nagel. 2,360,260; Oct. 10.
Water circulator. M. O. Thrush. 2,356,482; Aug. 22.
Water closet. W. E. Sloan. 2,344,649; Mar. 21.
Water column. W. F. A. Benger. 2,349,808; May 30.
Water conditioning apparatus. J. Felsch. 2,338,500; Jan. 4.
Water conditioning product and process. W. B. Brittin. 2,360,195; Oct. 10.
Water cooler. H. B. Hait. 2,360,491; Oct. 17.
Water cooler. R. A. Baudry. 2,365,515; Dec. 19.
Watercraft. F. D. Barton, Jr. 2,365,446; Dec. 19.
Watercraft. A. A. Rusteberg. 2,343,711; Mar. 7.
Water feeding device for cement mixers. N. D. Griswold and W. J. Ziler. 2,339,923; Jan. 25.
Water filter. E. H. Thompson. 2,358,748; Sept. 19.
Water for industrial consumption, Treating. G. J. Fink and H. H. Richardson. 2,358,222; Sept. 12.
Water for steam boilers, Treating. G. W. Smith. 2,356,730; Oct. 17.
Water gas, Production of. C. W. Hunter and J. S. Haug. 2,361,292; Oct. 24.
Water heater. G. D. Arnold. 2,341,852; Feb. 15.
Water heater. E. G. Boysworth. 2,340,638; Feb. 1.
Water heater. E. Esson. 2,350,597; June 6.
Water heater. H. E. Handley. 2,348,901; May 16.
Water heater. W. O. Horne. 2,364,791; Dec. 12.
Water heater. M. J. O'Neill. 2,355,551; Aug. 8.
Water heater. A. N. Wagner. 2,338,368; Jan. 4.
Water heater. R. J. Wolf and J. G. Dunville. 2,359,816; Oct. 10.
Water heater and the like. C. L. Dixon. 2,350,450; June 6.
Water heating apparatus. R. B. Davis. 2,356,657; Aug. 22.
Water heating system, Progressive. E. S. Stack. 2,352,919; July 4.
Water in liquid and solid carbon dioxide, Controlling the percentage of. E. Baird. 2,354,732; Aug. 1.
Water-insoluble materials from aqueous polymer dispersions, Distillation of volatile. D. Craig. 2,362,052; Nov. 7.
Water level gauge. H. A. Hoke and C. J. Barley. 2,348,007; May 2.
Watermarking coated paper. G. C. Munro. 2,344,783; Mar. 21.
Water measuring tank. O. Sheck. 2,364,321; Dec. 5.
Water, Method of and apparatus for treating boiler. C. W. Rice. 2,363,622; Nov. 28.
Water power system. J. Y. Robertsen. 2,342,223; Feb. 22.
Waterproof elastic thread and fabric. S. W. Alderfer. 2,342,098; Feb. 22.
Waterproof fixture for fluorescent lamps. L. R. Proul. 2,355,467; Aug. 8.
Water proofing and product produced thereby. D. Aelony. 2,342,624; Feb. 29.
Waterproofing material and making the same. L. F. Bramble. 2,358,140; Sept. 12.
Waterproof strands, Making. A. I. Cidonio. 2,357,503; Sept. 5.
Water pump. J. M. Benson. 2,355,698; Aug. 15.
Water purification apparatus. D. J. Evans. 2,351,113; June 13.
Water, Purification of. H. L. Olin. 2,345,827; Apr. 4.
Water, Purification of. H. L. Olin. 2,362,022; Nov. 7.
Water reclaimer mobile type. E. S. Clemens. 2,358,559; Sept. 19.
Water-repellent fabric. W. J. Thackston and S. N. Glarum. 2,344,926; Mar. 21.
Water sampling device. B. H. Stone. 2,357,981; Sept. 12.
Water sands, Selectively plugging. S. E. Buckley and G. G. Wrightsman. 2,338,709; Jan. 11.
Water separator. W. Lewis. 2,363,000; Nov. 21.
Water softener. E. A. Kathe. 2,350,045; May 30.
Water softener and heater with reverse flush, Combination. W. J. Towles. 2,355,188; Aug. 8.
Water softening apparatus. L. G. Lindsay. 2,347,201; Apr. 25.
Water softening system. E. A. Kathe. 2,344,251; Mar. 14.
Water soluble cellulose ethers to sheet form, Converting. F. C. Peterson. 2,364,028; Nov. 28.
Water-soluble derivatives of hormonelike acting products and manufacturing the same. H. Medick. 2,359,276; Sept. 26.
Water-soluble high molecular weight amines. W. O. Kenyon and D. D. Reynolds. 2,360,238; Oct. 10.
Water-soluble salts or carboxyalkyl cellulose, Recovery of. R. D. Freeman and R. C. Anthonisen. 2,351,258; June 13.
Water spider. V. B. Moore and S. P. Tsoneff. 2,347,959; May 2.
Water still, Portable. L. M. Beckwith. 2,357,869; Sept. 12.
Water supply system. G. A. Wieland. 2,341,517; Feb. 15.
Water supply system for passenger cars. H. J. Matje. 2,365,644; Dec. 19.
Water temperature control. W. B. Hutchings. 2,346,260; Apr. 11.
Water treating apparatus. E. Pick. 2,351,835; June 20.
Water treating apparatus. M. P. Robinson. 2,355,561; Aug. 8.
Water treating apparatus. M. P. Robinson. 2,365,293; Dec. 19.
Water treating apparatus. J. F. Sebald. 2,355,564; Aug. 8.
Water treating device. M. R. Olsen, J. J. Reid, and E. C. Higgins. 2,349,830; May 30.
Water treatment apparatus. L. G. Daniels. 2,363,167; Nov. 21.
Water treatment apparatus. A. L. Riche. 2,338,667; Jan. 4.
Watertube boiler. J. B. Detwiler. 2,355,279; Aug. 8.
Water tube boiler, All welded high-pressure. H. M. Wolter. 2,363,718; Nov. 28.
Water valve. B. E. Shaw and J. J. Rothwell. 2,365,650; Dec. 19.
Water with soluble dehydrated sodium phosphates, Treatment of. C. B. Durgin, R. N. Foster, and C. F. Booth. 2,358,965; Sept. 26.
Waterer, Hog. J. P. Bischeas. 2,362,620; Nov. 14.
Watering device. N. J. Marshall. 2,364,991; Dec. 12.
Waters and composition therefor, Treating. W. L. Denman. 2,363,921; Nov. 28.
Waters, Purifying. W. L. Denman. 2,363,923; Nov. 28.
Waters with stabilized emulsion, Purifying. W. L. Denman. 2,363,924; Nov. 28.
Watthour meter. T. D. Barnes. 2,363,284; Nov. 21.
Watt-hour meter. S. S. Green. 2,349,347; May 23.
Watt-hour meter base. S. S. Green. 2,350,895; June 6.

Wattmeter, Radio frequency. C. A. Rosencrans. 2,344,641; Mar. 21.
Wave amplifier, Detected frequency modulated. J. A. Rankin. 2,344,731; Mar. 21.
Wave filter. T. G. Kinsley. 2,342,869; Feb. 29.
Wave filter. G. H. Lovell. 2,342,875; Feb. 29.
Wave filter mounting. L. Hanopol. 2,346,162; Apr. 11.
Wave length modulation. R. E. Schock. 2,341,243; Feb. 8.
Wave length modulation. S. W. Seeley. 2,353,204; July 11.
Wave length modulation circuit. H. E. Goldstine. 2,355,433; Aug. 8.
Wave length modulation circuit. G. L. Usselman. 2,342,708; Feb. 29.
Wave length modulator. G. L. Usselman. 2,346,800; Apr. 18.
Wave meter. S. D. Lavoie. 2,349,440; May 23.
Wave record mold. J. O. Kleber. 2,346,760; Apr. 18.
Wave riding speed vessel. J. V. Martin. 2,365,205; Dec. 19.
Wave translation device. H. J. Schrader and J. M. Brumbaugh. 2,343,207; Feb. 29.
Wave transmission network. H. W. Bode. 2,342,638; Feb. 29.
Wave transmission network. W. P. Mason. 2,345,491; Mar. 28.
Wave transmission system. N. I. Hall. 2,345,115; Mar. 28.
Wave transmission system. R. D. Kirkland. 2,344,884; Mar. 21.
Waving hair, Method and device for. E. S. Chibnik. 2,345,459; Mar. 28.
Wax bands, bearing a mechanical sound record, with graphite, and a device for carrying out this method, Coating. A. Woltcheck. 2,350,856; June 6.
Wax coating machine. W. I. Gladfelter and F. W. Duhan. 2,359,638; Oct. 10.
Wax composition and preparation, Emulsified. R. W. Kumler and H. Sinclair. 2,343,065; Feb. 29.
Wax deposits from oil-well tubing, Removing. A. Shapiro. 2,358,665; Sept. 19.
Wax deposition, Control of. D. S. Kaufman. 2,364,222; Dec. 5.
Wax emulsion. C. G. Landes. 2,340,846; Feb. 1.
Wax emulsion. K. M. Gaver. 2,347,679; May 2.
Wax emulsions. J. O. Handy. 2,364,632; Dec. 12.
Wax modifying agents, Production of. L. A. Mikeska. 2,352,280; June 27.
Wax-oil separation. W. J. Klaassen. 2,361,035; Oct. 24.
Wax-oil separation. A. H. Schutte and W. J. Klaassen. 2,361,503; Oct. 31.
Wax substitute, Hard. M. J. Kelley. 2,356,408; Aug. 22.
Waxing and polishing machine, Floor. J. H. Wilson 2,358,119; Sept. 12.
Weaner, Animal. C. L. Austin. 2,341,072; Feb. 8.
Weapon, Arm. E. J. Stoltz. 2,352,921; July 4.
Wear compensating thread gauge. D. R. Senhaars. 2,353,626; July 11.
Wearing apparel. P. Sherman. 2,361,902; Oct. 31.
Weather seal construction. F. F. Bell. 2,345,088; Mar. 28.
Weather strip. L. A. Macklanburg. 2,345,273; Mar. 28.
Weather strip construction. F. F. Bell. 2,358,552; Sept. 19.
Weather stripping. M. A. McDonough. 2,346,137; Apr. 11.
Weaving machine. B. S. Owen and B. F. Meek. 2,346,541; Apr. 11.
Web alignment detector. D. C. Stockbarger and J. L. Jones. 2,339,204; Jan. 11.
Web and sheet handling mechanism. D. Corbin. 2,361,459; Oct 31.
Web cutting and folding mechanism for printing machines. A. M. Zuckerman. 2,353,609; July 11.
Web dispenser. F. P. Vaughan, A. G. Krueger, N. J. Slye, and J. B. Engel. 2,344,660; Mar. 21.
Web feed for wrapping machines. W. Hoppe. 2,347,560; Apr. 25.
Web feeding mechanism. W. F. Huck. 2,358,928; Sept. 26.
Web material, Treating fibrous. L. L. Dodge. 2,338,710; Jan. 11.
Web registering device. W. Hoppe and F. B. Roberts. 2,365,757; Dec. 26.
Web roll controlling mechanism. C. S. Caffrey. 2,346,903; Apr. 18.
Web roll support. T. R. Bennett. 2,363,112; Nov. 21.
Web roll supporting mechanism. W. F. Huck and W. C. Wieking. 2,357,259; Aug. 29.
Web severing and transfer device. J. A. Doyle and E. Hutchins. 2,343,047; Feb. 29.
Web slitting means and method. J. A. Aycock. 2,364,888; Dec. 12.
Web supply mechanism. W. C. Wieking. 2,344,952; Mar. 28.
Web-tension equipment. H. Fankboner. 2,364,201; Dec. 5.
Web winding. O. C. Roesen. 2,357,976; Sept. 12.
Web winding. O. C. Roesen. 2,361,795; Oct. 31.
Web winding and rewinding machine. J. F. Morse. 2,356,421; Aug. 22.
Webs of cellulose ester fibers, Manufacture of laminated. H. Leemann, A. Rheiner, and W. Hagenbuch. 2,357,962; Sept. 12.
Wedge fastening. R. E. L. Matey. 2,339,502; Jan. 18.
Weed destroyer. W. H., Sr., L. B., and J. A. Haigler. 2,365,465; Dec. 19.
Weed destroying preparation. H. Schotte and R. Ebert. 2,344,063; Mar. 14.
Weed guard and trolling plate for outboard motors. L. A. Stoppel. 2,362,323; Nov. 7.
Weed mowing machine. W. Dielschneider. 2,359,358; Oct. 3.
Weed puller. A. H. Gerken. 2,358,632; Sept. 19.
Weed shedding attachment for rod weeders. M. H. Broschinski. 2,361,596; Oct. 31.
Weeder. J. O. Williamson. 2,340,917; Feb. 8.
Weeder attachment. O. E. Miller. 2,353,485; July 11.
Weeder, Rod. O. E. Miller. 2,355,229; Aug. 8.
Weeder, Rotary rod. C. C. Calkins. 2,355,950; Aug. 15.
Weeding implement. W. J. Baker. 2,339,905; Jan. 25.
Weeding machine. P. Frederickson. 2,342,134; Feb. 22.
Weft and holder for weft replenishing looms. H. A. Whitin. 2,355,022; Aug. 1.
Weft replenishing loom. C. Darwin. 2,364,954; Dec. 12.
Weft replenishing loom. W. A. Patterson. 2,363,620; Nov 28.
Weft replenishing loom. R. G. Turner. 2,360,529; Oct. 17.
Weft stop motion for narrow ware looms. E. R. Holmes. 2,356,458; Aug. 22.
Weft straightening method and apparatus. J. D. Robertson and J. L. Dube. 2,343,328; Mar. 7.
Weigher, Net and gross. E. W. Vredenburg. 2,346,882; Apr. 18.
Weighing and feeding device. C. S. Weyandt. 2,366,075; Dec. 26.
Weighing and handling device. T. R. Schreiner. 2,363,366; Nov. 21.
Weighing apparatus. H. F. Briggs. 2,343,528; Mar. 7.
Weighing apparatus. V. Popov. 2,352,005; June 20.
Weighing apparatus. P. B. Richardson. 2,357,766; Sept. 5.
Weighing apparatus, Hydrostatical. J. T. Connelly. 2,339,152; Jan. 11.
Weighing apparatus or scale. A. Wirth. 2,345,783; Apr. 4.
Weighing, bag opening, and filling apparatus. L. J. Nowark, Jr. 2,340,225; Jan. 25.
Weighing conveyer. C. S. Weyandt. 2,340,030; Jan. 25
Weighing device. P. A. Wolff. 2,349,228; May 16.
Weighing machine. S. R. Howard. 2,364,902; Dec. 12.
Weighing machine. W. O. Snelling. 2,357,783; Sept. 5.
Weighing machine, Automatic. S. R. Howard. 2,340,531; Feb. 1.
Weighing mechanism. D. W. Molins, C. Best, and G. F. W. Powell. 2,351,533; June 13.
Weighing pendulum and recorder disk assembly. O. S. Curliss. 2,354,301; July 25.
Weighing scale. F. W. Quidas. 2,360,384; Oct. 17.
Weighing scale. L. S. Williams. 2,343,622-23; Mar. 7.
Weighing scale. L. S. Williams. 2,359,721; Oct. 3.
Weight action for chair backs. H. H. Bernstein. 2,343,739; Mar. 7.
Weight indicating means. A. R. Gold and C. J. Heinisch. 2,351,606; June 20.
Weight indicator. H. Allen. 2,361,915; Nov. 7.
Weighting mechanism for the drawing rollers of combing machines and other machines for the treatment of textile fibers. D. Pierrepont. 2,339,513; Jan. 18.
Weld fabricated valve. O. M. Carlson. 2,363,943; Nov. 28.
Weld lines, Control of. W. R. Tucker. 2,360,023; Oct. 10.
Weld rod covering. D. L. Mathias. 2,355,988; Aug. 15.
Weld strength testing apparatus. F. Martindell. 2,353,056; July 4.
Welded boat construction. J. F. Mercer. 2,350,246; May 30.
Welded connection, Curved wall. C. L. Dewey. 2,340,309; Feb. 1.
Welded joint and making the same. R. E. Herdman. 2,341,716; Feb. 15.
Welded pipe installation. H. S. Singleton. 2,344,424; Mar. 14.
Welded products. J. C. Grubb. 2,365,697; Dec. 26.
Welded structure and welding. R. D. Eaton and R. C. Retherford. 2,360,660; Oct. 17.
Welder. W. H. Martin. 2,341,458-9; Feb. 8.
Welder control system. F. H. Roby. 2,338,540; Jan. 4.
Welder's head. R. M. Rickert. 2,352,007; June 20.
Welding. J. L. Anderson. 2,363,828; Nov. 28.
Welding. J. H. Bucknam and W. B. M. Clark. 2,359,352; Oct. 3.
Welding. C. A. Cadwell. 2,355,627; Aug. 15.
Welding. L. T. Jones. 2,352,716; July 4.
Welding. H. W. Lord. 2,340,131; Jan. 25.
Welding. A. R. Lytle and W. Morton. 2,354,267; July 25.
Welding. G. H. Phelps. 2,354,173; July 18.
Welding. E. A. Richardson. 2,350,552; June 6.
Welding. E. A. Smith. 2,362,505; Nov. 14.
Welding apparatus. L. M. Benkert. 2,354,190; July 25.

Welding apparatus. H. A. Bissout and W. Y. Borresen. 2,354,716; June 6.
Welding apparatus. C. F. Carlson. 2,355,145; Aug. 8.
Welding apparatus. J. T. Catlett. 2,358,144; Sept. 12.
Welding apparatus. O. C. Frederick. 2,358,155; Sept. 12.
Welding apparatus. F. C. Hasse and A. A. Bernard. 2,357,402; Sept. 5.
Welding apparatus. W. J. Kenny. 2,355,444; Aug. 8.
Welding apparatus. R. S. Miller. 2,348,087; May 2.
Welding apparatus. H. I. Morris. 2,339,795; Jan. 25.
Welding apparatus. R. W. Pearson and S. J. Murcek. 2,340,076; Jan. 25.
Welding apparatus. R. E. Powell. 2,343,998; Mar. 14.
Welding apparatus. C. Ringwald. 2,345,630; Apr. 4.
Welding apparatus. C. E. Smith and M. M. Seeloff. 2,363,753; Nov. 28.
Welding apparatus. A. R. Swenson. 2,351,722; June 20.
Welding apparatus. W. A. Weightman. 2,342,094; Feb. 15.
Welding apparatus. J. R. Yeadon. 2,361,896; Oct. 31.
Welding, Arc. J. J. Chyle. 2,340,796; Feb. 1.
Welding by electromagnetic storage of energy, Process and machine for. D. Sciaky. 2,356,621; Aug. 22.
Welding control system. G. Hagedorn, E. Luxer, and E. G. Wahl. 2,344,086; Mar. 14.
Welding device. A. W. Anderson. 2,360,837; Oct. 24.
Welding, Electric. G. J. Oswald and D. I. Cronin. 2,340,680; Feb. 1.
Welding, Electric. H. Shrubsall. 2,357,432; Sept. 5.
Welding, Electric arc. J. J. Chyle. 2,356,822; Aug. 29.
Welding electrode. R. E. Powell. 2,351,230; June 13.
Welding electrode holder. A. A. Bernard. 2,364,508; Dec. 5.
Welding electrode holder. J. J. Esposito. 2,338,913; Jan. 11.
Welding generator. J. H. Blankenbuehler. 2,342,720; Feb. 29.
Welding helmet friction joint assembly. 2,360,101; Oct. 10.
Welding holder. E. D. McKellar. 2,357,529; Sept. 5.
Welding machine. H. A. Allshouse and R. H. Dyer. 2,356,643; Aug. 22.
Welding machine. M. R. Harris. 2,354,313; July 25.
Welding machine. E. R. Swenson and C. H. Jones. 2,360,909; Oct. 24.
Welding machine, Resistance. J. W. Bayles. 2,346,645; Apr. 18.
Welding magnesium and alloys thereof. R. Meredith. 2,342,086; Feb. 15.
Welding mechanism. C. F. Leathers. 2,363,536; Nov. 28.
Welding mechanism. H. Purat. 2,358,826; Sept. 26.
Welding method and apparatus. J. H. Cooper and C. E. Smith. 2,363,719; Nov. 28.
Welding method and apparatus. D. W. Fentress. 2,347,185; Apr. 25.
Welding, Method and apparatus. G. E. Kricker. 2,347,914; May 2.
Welding method and apparatus. C. F. Leathers and G. E. Undy. 2,356,859; Aug. 29.
Welding, Method of and apparatus for. C. J. Burch. 2,360,334; Oct. 24.
Welding, Method of and apparatus for. C. M. MacChesney and W. Schroeder. 2,362,388; Nov. 7.
Welding method, Spot. W. G. De Gray. 2,345,037; Mar. 28.
Welding process and apparatus. E. B. Scherl. 2,363,089; Nov. 21.
Welding protective device and periscope, Combination. E. F. Shipman. 2,341,391; Feb. 8.
Welding rod. L. C. Dodd. 2,342,608; Feb. 22.
Welding rod. L. C. Dodd. 2,349,945; May 30.
Welding rod box. J. M. Brinker. 2,352,685; July 4.
Welding rod holder. J. H. Hill. 2,356,054; Aug. 15.
Welding rod or electrode. C. Cito. 2,350,387; June 6.
Welding stinger. G. H. Thompson. 2,350,426; June 6.
Welding stinger. G. H. Thompson. 2,351,789; June 20.
Welding system. H. Klemperer. 2,353,733; July 18.
Welding system. H. Klemperer. 2,356,765; Aug. 29.
Welding system. A. B. White. 2,359,178; Sept. 26.
Welding system. A. B. White. 2,365,611; Dec. 19.
Welding system. A. B. White and C. H. Jennings. 2,365,612; Dec. 19.
Welding tool. J. M. Radabaugh. 2,343,799; Mar. 7.
Welding tool. H. A. Strickland, Jr. 2,349,835; May 30.
Welding torch cooler. W. S. Houghton. 2,348,385; May 9.
Welding transformer. J. Ogden. 2,341,943; Feb. 15.
Weld-rod coating. P. C. Lemmerman. 2,344,621; Mar. 21.
Welds, Treating. S. B. Kirk. 2,356,854; Aug. 29.
Well apparatus. H. C. Otis, J. C. Luccous, and I. A. Miller. 2,343,076; Feb. 29.
Well apparatus. W. A. Heath. 2,347,779; May 2.
Well bores, Conditioning. K. A. Wright. 2,338,372; Jan. 4.
Well borer, Surveying. S. Park. 2,345,770; Apr. 4.
Well casing and making it. E. J. Protin and J. E. Simonin. 2,346,292; Apr. 11.
Well casing, Method and apparatus for setting. C. A. Yeatman. 2,346,060; Apr. 4.
Well casings, Washing gravel out of perforate. L. A. Layne. 2,356,769; Aug. 29.
Well completion fluid. W. M. Dobson, A. L. Frye and A. P. Lentz. 2,343,136; Feb. 29.
Well core investigation. E. D. Lynton. 2,359,135; Sept. 26.
Well device. H. C. Otis. 2,348,564; May 9.
Well drilling fluids, Method and apparatus for detecting gas in. R. W. Wilson, A. Long, Jr., and M. T. Randolph. 2,341,169; Feb. 8.
Well drilling fluids, Treatment of. H. C. Lans, Jr. and D. H. Larsen. 2,353,166; July 11.
Well-drilling mud. E. P. Partridge. 2,365,489; Dec. 19.
Well drilling unit, Turbine driven. G. D. Dilley. 2,340,738; Feb. 1.
Well equipment. W. J. Crites. 2,362,249; Nov. 7.
Well flowing means. R. G. Taylor, Jr., and E. D. Wilde. 2,340,028; Jan. 25.
Well fluids, Processing. W. B. Plummer. 2,342,165–6; Feb. 22.
Wellhead equipment. J. R. Yancey. 2,358,122; Sept. 12.
Well head equipment including back pressure valve and removal tool. J. R. Yancey. 2,358,677; Sept. 19.
Well liner setting apparatus. J. C. Fortune. 2,342,930; Feb. 29.
Well logging. G. Herzog. 2,352,433; June 27.
Well logging. E. E. Roper. 2,346,789; Apr. 18.
Well logging device. B. J. Kalb and D. H. Wise. 2,365,763; Dec. 26.
Well logging, Gamma ray. L. G. Howell. 2,358,574; Sept. 19.
Well logging instrument. S. A. Scherbatskoy, G. Swift, R. E. Fearon, and J. Neufeld. 2,349,225; May 16.
Well logging method. W. M. Zaikowsky. 2,346,203; Apr. 11.
Well logging method and apparatus. H. Brown and H. S. Ribner. 2,359,894; Oct. 10.
Well logging method and device. R. E. Fearon. 2,349,712; May 23.
Well plug. R. Bassinger. 2,355,199; Aug. 8.
Well pod. S. R. Hood. 2,338,812; Jan. 11.
Well pump. O. L. Bishop. 2,347,240; Apr. 25.
Well pump. W. L. Church. 2,348,959; May 16.
Well pump. W. L. Church. 2,364,600; Dec. 12.
Well pump. J. E. Lucas. 2,363,603; Nov. 28.
Well pump. W. E. Rembert. 2,338,300; Jan. 4.
Well pumping equipment. B. H. Lybyer. 2,345,710; Apr. 4.
Well screen. E. W. Bennison. 2,346,647; Apr. 18.
Well surveying device. R. G. Piety. 2,347,794; May 2.
Well survey method and apparatus. R. E. Fearon. 2,361,389; Oct. 31.
Well surveying method and apparatus. R. E. Fearon. 2,351,028; June 13.
Well swab. C. S. Crickmer. 2,358,908; Sept. 26.
Well tester. O. W. Williams and L. E. Brown. 2,338,369; Jan. 4.
Well testing apparatus. M. C. Johnson. 2,363,793; Nov. 28.
Well tool. L. W. Benz. 2,347,729; May 2.
Well tool. I. A. Miller. 2,358,466; Sept. 19.
Well tool. H. C. Otis 2,348,563; May 9
Well tool extracting device. H. P. Salverda. 2,352,453; June 27.
Well treating apparatus. L. C. Chamberlain. 2,365,052; Dec. 12.
Well treating fluid. A. L. Frye and W. M. Dobson. 2,342,656; Feb. 29.
Wells, Apparatus for cleaning subterranean. C. C. Bancroft and J. W. Frain. 2,355,259; Aug. 8.
Wells, Drilling. W. V. Vietti and A. D. Garrison. 2,357,565; Sept. 5.
Wells, Gravelling. L. C. Uren. 2,349,062; May 16.
Wells, Method and apparatus for cementing. R. C. Baker. 2,344,120; Mar. 14.
Wells, Method and apparatus useful in repairing. A. L. Armentrout and R. A. Werts. 2,365,794; Dec. 26.
Wells, Testing. A. L. Smith. 2,340,993; Feb. 8.
Wells, Treating. L. H. Flett. 2,338,282; Jan. 4.
Wells, Treating. A. D. Garrison. 2,354,203; July 25.
Welt-applying machine. J. R. Oliver. 2,345,002; Mar. 28.
Welt for hosiery. L. D. Wagenhorst. 2,356,484; Aug. 22.
Welt insole. W. C. Wright. 2,347,530; Apr. 25.
Welt insoles, Making. W. C. Wright. 2,348,583; May 9.
Welt seams, Forming. P. W. Valentine. 2,354,490; July 25.
Welts in straight knitting machines, Forming of. A. Hofmann and F. M. Wachtler. 2,363,000; Nov. 21.
Wet grind ball mill. A. Bibolini. 2,338,398; Jan. 4.
Wetting agent. J. H. Cone and A. J. Shmidl. 2,354,577; July 25.
Wetting and emulsifying agent. K. M. Gaver. 2,347,680; May 2.
Wetting composition. W. E. Kleinicke. 2,342,150; Feb. 22.
Wetting-out compositions. A. K. Epstein and M. Katzman. 2,362,894. Nov. 14.
Wetting, sudsing and detergent agents, Preparation of. N. B. Tucker. 2,342,563; Feb. 22.
Wetting, sudsing and detergent agents, Producing improved. N. B. Tucker. 2,342,562; Feb. 22.
Wheat germ for use in baking, Preparing. J. Cryns. 2,357,312; Sept. 5.

Wheel: *See*—
Abrading wheel.
Abrasive wheel.
Balance wheel.
Blade wheel.
Bogie wheel.
Buffing wheel.
Clock balance wheel.
Covering wheel.
Die wheel.
Fifth wheel.
Hand wheel.
Paddle wheel.
Plant thinning wheel.
Platen hand wheel.
Pneumatic tire vehicle wheel.
Rail wheel.
Railway wheel steering wheel.
Resilient wheel.
Roller-bearing differential wheel.
Roller skate wheel.
Segmental abrasive wheel.
Spring wheel.
Steerable tail wheel.
Traction wheel.
Valve wheel.
Vehicle wheel.
Vitrified grinding wheel.

Wheel. C. S. Ash. 2,355,942; Aug. 15.
Wheel. T. Brown and M. J. Martens. 2,340,105; Jan 25.
Wheel. J. H. Hunt and H. T. Woolson. 2,339,859; Jan. 25.
Wheel. H. T. Kraft and J. I. Kozopas. 2,348,550; May 9.
Wheel. G. G. McNamara, Jr. 2,352,487; June 27.
Wheel. C. W. Sinclair. 2,363,902; Nov. 28.
Wheel. W. C. Troendle. 2,340,288; Feb. 1.
Wheel alignment gauge. J. L. Creagmile. 2,346,360; Apr. 11.
Wheel and axle assembly. H. C. French and R. T. Hendrickson. 2,348,801; May 16.
Wheel and axle assembly, Mine car. C. P. Daniel. 2,340,648; Feb. 1.
Wheel and axle connection. W. G. Wright. 2,350,489; June 6.
Wheel and brake assembly. C. S. Ash. 2,349,928; May 30.
Wheel and brake assembly. J. A. Forbes. 2,352,829; July 4.
Wheel and brake construction. C. Hollerith. 2,352,385; June 27.
Wheel and making the same, Peripheral diamond abrasive. G. Crompton Jr. 2,343,957; Mar. 14.
Wheel and the like, Turbine bucket. J. H. Doran. 2,347,034; Apr. 18.
Wheel and tire lock. C. D. Griffiths. 2,344,038; Mar. 14.
Wheel and tire lock. A. A. Sundell. 2,340,998; Feb. 8.
Wheel applying device. J. V. Caron. 2,345,458; Mar. 28.
Wheel assembly. G. A. Lyon. 2,361,406; Oct. 31.
Wheel assembly, Dual. C. S. Ash. 2,338,224; Jan. 4.
Wheel assembly, Dual. C. S. Ash. 2,338,393; Jan. 4.
Wheel assembly, Dual. C. S. Ash. 2,341,755; Feb. 15.
Wheel assembly, Dual. C. S. Ash. 2,355,133; Aug. 8.
Wheel assembly, Dual. C. S. Ash. 2,364,183; Dec. 5.
Wheel assembly, Sprocket. R. Mayne. 2,338,818; Jan. 11.
Wheel balance testing apparatus. R. M. Greenleaf and P. C. Palmer. 2,341,141; Feb. 8.
Wheel balancer. H. G. Holmes. 2,349,552; May 23.
Wheel balancing apparatus. L. Hunter, Jr. 2,341,443–4; Feb. 8.
Wheel balancing machine. E. N. Forster. 2,344,349; Mar. 14.
Wheel balancing, Vehicle. A. C. Hagg. 2,363,316; Nov. 21.
Wheelbarrow. J. W. Droll. 2,347,314; Apr. 25.
Wheel barrow, Boat. A. A. Bjork. 2,361,592; Oct. 31.
Wheel blade construction, Blower. W. L. Upson. 2,362,868; Nov. 14.
Wheel-bushing machine. C. E. Hite. 2,360,132; Oct. 10.
Wheel construction. C. Hollerith. 2,357,000; Aug. 29.
Wheel construction. W. E. Lyon. 2,354,444; July 25.
Wheel construction for front wheel drives. H. R. Holmes. 2,346,842; Apr. 18.
Wheel cover structure and assembly. G. A. Lyon. Re. 22,426; Feb. 1.
Wheel dresser, Grinding. H. W. Kropf and A. J. Brickner. 2,351,269; June 13.
Wheel dresser, Grinding. E. W. Miller. 2,348,354; May 9.
Wheel dresser, Grinding. D. F. Price, H. E. Balsiger and M. A. Hollengreen. 2,340,683; Feb. 1.
Wheel for chairs. E. C. Thornton. 2,354,845; Aug. 1.
Wheel for skates, Measuring. S. Segal. 2,354,708; Aug. 1.
Wheel for sleds, Attachable. L. V. Goff. 2,343,662; Mar. 7.
Wheel for vehicles, Resilient. M. Benito y de la Rosa and D. Clavijo y Garcia. 2,350,980; June 13.
Wheel forming and dressing means, Grinding. E. Haddad. 2,355,372; Aug. 8.
Wheel handling apparatus. F. Roberson. 2,364,918; Dec. 12.
Wheel handling tilt table. W. P. Claus and G. S. Hill. 2,345,728; Apr. 4.
Wheel hub caps, Forming. G. A. Lyon. 2,358,984; Sept. 26.
Wheel lifting adapter for fork type tail wheels, Tail. R. E. Dahl. 2,362,991; Nov. 21.
Wheel lock. J. R. Reyburn. 2,339,879; Jan. 25.
Wheel means for agricultural machines, Caster. O. E. Peterson. 2,339,582; Jan. 18.
Wheel motor. J. F. Joy. 2,353,730; July 18.
Wheel mounting. W. F. Strehlow. 2,346,950; Apr. 18.
Wheel puller. A. H. Fechner. 2,359,099; Sept. 26.
Wheel puller. H. E. Olson. 2,365,771; Dec. 26.
Wheel receiving carriage. W. P. Claus and G. S. Hill. 2,345,729; Apr. 4.
Wheel starter. M. Bowerman. 2,347,986; May 2.
Wheel structure. G. A. Lyon. 2,343,070; Feb. 29.
Wheel structure. G. A. Lyon. 2,353,575; July 11.
Wheel suspension. B. Castiglia. 2,355,274; Aug. 8.
Wheel suspension. K. Wilfert and B. Barényi. 2,344,380; Mar. 14.
Wheel suspension for vehicles. M. Wagner. 2,350,848; June 6.
Wheel suspension for vehicles. S. Wulff. 2,351,650; June 20.
Wheel suspension, Independent. S. Wulff. 2,338,478; Jan. 4.
Wheel suspension, Independent. S. Wulff. 2,351,651; June 20.
Wheel, Tired. B. D. Maule. 2,338,294; Jan. 4.
Wheel trim and securing means therefor. C. B. Aske, Jr. 2,351,655; June 20.
Wheel truck. D. R. Knapp. 2,350,118; May 30.
Wheel type trenchers, Depth indicator for. W. G. Van Voorhis. 2,351,792; June 20.
Wheeled scraper. T. R. Paulsen. 2,349,302; May 23.
Wheeled underframe, especially for trailers of motor cars. K. and H. Schröter. 2,345,158; Mar. 28.
Wheels and driving mechanism therefor, Type. H. N. Deane and A. E. Rockwood. 2,355,514; Aug. 8.
Wheels and making them, Abrasive. A. C. Ciell. 2,342,121; Feb. 22.
Wheels, Ascertaining actual positioning of automobile. C. I. Fields. 2,357,463; Sept. 5.
Wheels, Forming and dressing grinding. M. Jellis. 2,350,897; June 6.
Wheels, Forming tapered. R. C. Ingersoll. 2,359,479; Oct. 3.
Wheels, Manufacture of. C. W. Sinclair. 2,345,993; Apr. 4.
Wheels, Method and apparatus for trimming form grinder. W. G. Greve. 2,358,393; Sept. 19.
Wheels, Mounting vehicular road. J. R. and G. M. Roberts. 2,340,986; Feb. 8.
Whey concentrate, Manufacture of nitrogen-fortified. L. A. Hall. 2,363,730; Nov. 28.
Whipstock. C. L. Walker. 2,338,788; Jan. 11.
Whipstock assembly. R. S. Hyer. 2,357,330; Sept. 5.
Wide molding snap-on clip. B. C. Place. 2,353,583; July 11.
Wiener vending machine. E. P. Ford. 2,363,724; Nov. 28.
Winch. G. W. Mork. 2,359,778; Oct. 10.
Winch construction. L. Berner. 2,344,587; Mar. 21.
Winch, Power. A. W. Evans. 2,361,388; Oct. 31.
Winch provided with an automatic release at the end of the lifting operation. R. Laraque. 2,347,569; Apr. 25.
Winch, Traction power operated. M. M. Brodersen. 2,352,250; June 27.
Winch, Tractor mounted. R. B. Magee. 2,340,543; Feb. 1.
Wind box for sintering machines. C. H. Harris. 2,348,294; May 9.
Wind calculator. H. B. Maris. 2,347,703; May 2.
Wind-driven power system. J. R. Albers. 2,358,781; Sept. 26.
Windmill control. A. Fagerlund. 2,352,089; June 20.
Windmill power transmission. I. Grumbles. 2,364,139; Dec. 5.
Windshield and mounting, Safety. H. C. McMahon. 2,352,727; July 4.
Windshield cleaner. R. D. Curtiss. 2,365,251; Dec. 19.
Windshield cleaner. A. Rappl. 2,363,621; Nov. 28.
Windshield cleaner control. A. Rappl. 2,352,120; June 20.
Windshield cleaner system. E. C. Horton and A. Rappl. 2,348,346; May 9.
Windshield construction. L. H. Brown. 2,362,611; Nov. 14.
Windshield for motor vehicles. S. Bloomfield. 2,355,264; Aug. 8.
Windshield protector. R. F. Parkins. 2,341,236; Feb. 8.
Windshield-visor-clamp combinations. J. Wardan. 2,363,762; Nov. 28.
Windshield wiper. C. R. Paton. 2,356,424; Aug. 22.
Windshield wiper, Electric. J. B. Whitted. 2,357,152; Aug. 29.
Windshield wiper mechanism. R. B. Bell. 2,354,189; July 25.
Windshield wiper mechanism. E. W. Fuller. 2,359,553; Oct. 3.
Windshield wiper motor. R. J. Stanley and W. J. Martersteck. 2,341,669; Feb. 15.
Wind stimulator device for ground trainers. R. K. Stout. 2,355,685; Aug. 15.
Winder. B. A. Peterson. 2,363,988; Nov. 28.
Winder, Paper. L. Hornbostel. 2,354,952; Aug. 1.
Winding and setting mechanism for watches. L. Cohen. 2,362,245; Nov. 7.
Winding and twisting device for textile fibers. J. Noguera. 2,360,153; Oct. 10.
Winding apparatus. O. T. Brown. 2,357,079; Aug. 29.
Winding apparatus. C. M. Croft, A. W. Bergeron, and F. G. Dodge. 2,353,653; July 18.
Winding apparatus. E. Fletcher. 2,352,780; July 4.
Winding apparatus. F. Martindell. 2,360,960; Oct. 24.

Winding carrier for freshly spun threads of artificial silk. T. Grauer. 2,338,933; Jan. 11.
Winding device for retractable roofs. H. H. A. Heuer. 2,350,758; June 6.
Winding device for strand materials. W. V. Henry. 2,353,667; July 18.
Winding element, Plastic supported. F. J. Sigmund and H. S. Hlavin. 2,340,905; Feb. 8.
Winding head for flexible shaft forming machines. C. F. Hotchkiss, Jr. 2,347,632; Apr. 25.
Winding machine. E. J. Abbott. 2,338,085; Jan. 4.
Winding machine. E. J. Abbott and W. L. Perry. 2,362,455; Nov. 14.
Winding machine. G. S. Beckman. 2,351,472; June 13.
Winding machine. F. W. Higgins. 2,365,701; Dec. 26.
Winding machine. S. T. Howard. 2,353,727; July 18.
Winding machine. R. McC. Johnstone. 2,360,564; Oct. 17.
Winding machine. E. A. Nordberg. 2,340,340; Feb. 1.
Winding machine. P. W. Senfleben. 2,343,935; Mar. 14.
Winding machine. W. Siegenthaler. 2,365,115; Dec. 12.
Winding machine. W. T. Stearn and F. W. Schulte. 2,362,506; Nov. 14.
Winding machine, Condenser. E. M. Kile and S. Kain. 2,365,707; Dec. 26.
Winding mechanism. F. C. Evans. 2,343,964; Mar. 14.
Winding mechanism for roll film cameras, Rapid. G. Fassin. 2,365,690; Dec. 26.
Winding, Method and machine for. W. W. Trickey and L. G. Wilhelm. 2,348,765; May 16.
Winding reel. D. H. Storey. 2,341,957; Feb. 15.
Winding spool, Flexible. E. B. Helm. 2,338,513; Jan. 4.
Winding system. G. W. Lane. 2,354,322; July 25.
Windlace and panel trim retainer, Combined. D. C. Bailey. 2,348,319; May 9.
Windlass device. K. Mahnke. 2,342,810; Feb. 29.
Windlass, Reversible hand-operated. E. B. Moore. 2,363,138; Nov. 21.
Window. A. Anfinson. 2,352,171; June 27.
Window. S. G. Saunders and H. Morrison. 2,342,758; Feb. 29.
Window and blind construction, Combined. H. O. Chorpenning. 2,340,411; Feb. 1.
Window assembly for vehicle bodies. C. B. Doty. 2,361,909; Oct. 31.
Window blind. B. W. Touchstone and W. M. Touchstone. 2,346,067; Apr. 4.
Window bracket. W. H. Schmitt. 2,348,654; May 9.
Window construction. P. L. Adams. 2,361,375; Oct. 31.
Window construction. K. Janigian. 2,344,877; Mar. 21.
Window construction. H. A. Kaufmann. 2,359,756; Oct. 10.
Window construction. W. W. Keusder. 2,356,409; Aug. 22.
Window construction. L. J. Plym. 2,354,054; July 18.
Window construction. C. A. Shogren. 2,344,904; Mar. 21.
Window construction. A. Taurman. 2,357,700; Sept. 5.
Window construction, Auxiliary. C. G. Klikis. 2,344,357; Mar. 14.
Window construction, Bus or car. J. Schunk. 2,354,839; Aug. 1.
Window construction for X-ray tubes. Z. J. Atlee and H. W. Brackney. 2,340,362; Feb. 1.
Window construction of awning type. A. H. Soule. 2,362,730; Nov. 14.
Window control. L. W. Kent. 2,354,382; July 25.
Window control, Automobile. D. L. Chandler and G. W. Ewing. 2,365,454; Dec. 19.
Window control device. J. I. Levyn. 2,361,551; Oct. 31.
Window fastener. B. A. Quinn. 2,339,517; Jan. 18.
Window fixture. G. W. Hartman. 2,341,039; Feb. 8.
Window for prefabricated houses. C. I. Auten. 2,363,475; Nov. 28.
Window guide installation. B. Cotter. 2,341,597; Feb. 15.
Window jack. J. A. Stevens. 2,348,661; May 9.
Window molding. T. Ulrich. 2,350,430; June 6.
Window operator. H. M. Brooks. 2,365,742; Dec. 26.
Window operator. A. Rappl. 2,341,478; Feb. 8.
Window operator. A. Rappl. 2,350,957; June 6.
Window operator. A. Rappl. 2,359,490; Oct. 3.
Window operator. A. Rappl and E. C. Horton. 2,338,357; Jan. 4.
Window operator. S. C. Reynaud. 2,356,270; Aug. 22.
Window operator, Awning type. A. H. Soule. 2,352,029; June 20.
Window or door stop. A. R. Kinish. 2,352,639; July 4.
Window pane, Double. C. F. Huddle. 2,348,297; May 9.
Window pane, Double. R. A. Richardson. 2,348,307; May 9.
Window regulator mechanism. J. B. Parsons. 2,351,285; June 13.
Window resistant to hydrofluoric acid. M. P. Matussak. 2,357,753; Sept. 5.
Window sash stopping device. D. G. Sell. 2,350,706; June 6.
Window screen. C. Dreyfus. 2,353,225; July 11.
Window screen. N. B. Joyner. 2,339,172; Jan. 11.
Window screen. J. M. Lapina. 2,350,305; May 30.
Window screen. W. B. Rood. 2,356,275; Aug. 22.
Window screen clip. G. T. Williams and W. F. Story, Jr. 2,351,570; June 13.
Window, shade, and ventilating unit, Storm. J. C. Gardner and L. V. Rinker. 2,359,906; Oct. 10.
Window shade attachment. W. Johnson. 2,350,235; May 30.
Window shade attachment. W. Johnson. 2,350,236; May 30.
Window shade fastener. W. C. Cassell. 2,359,200; Sept. 26.
Window shade, Reversible. A. L. Thexton. 2,351,373; June 13.
Window shade, Ventilating black-out. R. R. Butts. 2,350,094; May 30.
Window structure. O. L. Dautrick. 2,343,446; Mar. 7.
Window structure. O. H. Mers. 2,339,420; Jan. 18.
Window structure. B. J. Triller. 2,341,344; Feb. 8.
Window system. A. Rappl. 2,366,127; Dec. 26.
Window system for motor vehicles. J. R. Olshei. 2,348,838; May 16.
Window unit. F. B. Hopewell. 2,355,803; Aug. 15.
Window ventilator for casements. O. Kubatsky. 2,351,522; June 13.
Windrower. E. F. Huddle. 2,352,479; June 27.
Windrower. A. W. Oehler, D. L. Adams, and S. S. Harter. 2,354,962; Aug. 1.
Wing and wheel retracting mechanism for airplanes. J. L. Hajek, Jr. 2,354,116; July 18.
Wing construction, Aircraft rotor. J. S. Pecker. 2,362,301; Nov. 7.
Wing flap, Extendable. E. O. Richter. 2,348,150; May 2.
Wing for aircraft, Rotary. R. Cox, Jr. 2,362,804; Nov. 14.
Wing for aircraft with variable surface. G. Pelessoni. 2,350,809; June 6.
Wing for excavating implements, Floating. J. E. Cheek. 2,357,999; Sept. 12.
Wing nut. H. Auslander. 2,343,947; Mar. 14.
Wing on aircraft, Folding. D. R. Zuck. 2,338,751; Jan. 11.
Wing slot arrangement. G. P. Pood, Jr., and T. K. Petersen. 2,346,326; Apr. 11.
Wing slot closure member. R. J. Woods. 2,352,144; June 20.
Wiper arm, Extensible. T. J. Smulski. 2,350,134; May 30.
Wiper arm, Windshield. T. J. Smulski. 2,357,280; Aug. 29.
Wiper construction, Brush. A. E. Myers. 2,355,549; Aug. 8.
Wiper, Edging stone. E. H. Teschner. 2,354,075; July 18.
Wiper, Windshield. R. W. Brown. 2,354,440; July 25.
Wiper, Windshield. T. J. Smulski. 2,348,502; May 9.
Wiper, Windshield. J. B. Whitted. 2,353,208; July 11.
Wiping attachment for phonographs. H. F. Wheeler. 2,343,837; Mar. 7.
Wire bound box. J. J. Miller. 2,360,360; Oct. 17.
Wire bundle clamp. W. K. Bonas. 2,338,754; Jan. 11.
Wire coating apparatus. B. N. MacGregor and E. O. Scofield. 2,341,731; Feb. 15.
Wire coating die, Universal rectangular. R. W. Mangall. 2,346,997; Apr. 18.
Wire coil insert. O. Haas. 2,363,789; Nov. 28.
Wire coiling mechanism. C. M. Fornwald, Jr. 2,341,369; Feb. 8.
Wire connecting device. L. H. Burns. 2,347,540; Apr. 25.
Wire connecting device O. S. A. Mesch. 2,348,558; May 9.
Wire connecting sleeve. L. H. Burns. 2,342,788; Feb. 29.
Wire connector. C. G. Kingsley. 2,353,732; July 18.
Wire cutter. H. W. Romanoff. 2,339,880; Jan. 25.
Wire distributor for wire drawing machines. D. D. Symmes. 2,360,741; Oct. 17.
Wire drawing. F. C. Elder. 2,349,708; May 23.
Wire drawing. C. D. Johnson. 2,362,073; Nov. 7.
Wire, Drawing. H. A. Montgomery. 2,357,342; Sept. 5.
Wire drawing and coiling machine. C. E. Orr. 2,341,474; Feb. 8.
Wire drawing block. W. Morgan. 2,346,447; Apr. 11.
Wire drawing die. J. M. Fenner. 2,349,652; May 23.
Wire drawing die holder assembly. C. Walker. 2,360,746; Oct. 17.
Wire-drawing machine. W. Morgan. 2,349,104; May 16.
Wire-enameling apparatus. C. Bruining. 2,357,168; Aug. 29.
Wire, Enamelling rectangular. E. J. Flynn. 2,345,290; Mar. 28.
Wire entanglements, Method and apparatus for forming. C. H. Peterson and W. V. Moren. 2,349,750; May 23.
Wire extension means for spring structures. S. G. Blumensaadt and W. H. Neely. 2,341,015; Feb. 8.
Wire fabric. W. T. Ennor. 2,355,963; Aug. 15.
Wire fabric loom. N. S. Harter. 2,355,150; Aug. 8.
Wire fastener. C. B. Schwarz. 2,357,290; Sept. 5.
Wire forming method and device. V. Hansen. 2,341,916; Feb. 15.
Wire, Fourdrinier. O. A. Abendroth. 2,357,492; Sept. 5.
Wire, Gold filled. T. C. Jarrett. 2,365,065; Dec. 12.

Wire guide, Bailer. J. A. Haase. 2,355,647; Aug. 15.
Wire guide, Extrusion nozzle. F. A. Gruetjen. 2,340,808; Feb. 1.
Wire inserts in tapped holes, Securing. O. Haas and J. R. Hawkins. 2,354,810; Aug. 1.
Wire line pressure retaining core barrel. D. W. Auld and L. J. Weber. 2,347,758; May 2.
Wire, Manufacture of insulated. H. V. Engh. 2,352,426; June 27.
Wire mat. O. F. Arthur. 2,361,163; Oct. 24.
Wire opening container. W. F. Punte. 2,344,325; Mar. 14.
Wire plating apparatus. L. G. Berquist. 2,338,795; Jan. 11.
Wire-pulling device. O. C. Holland. 2,360,875; Oct. 24.
Wire rope prestressing machine. D. D. Symmes. 2,359,170; Sept. 26.
Wire rope socket. J. B. Woodbury. 2,347,229; Apr. 25.
Wire sawing. H. F. Wilhelm. 2,351,175; June 13.
Wire splicer. G. T. Stafford. 2,366,132; Dec. 26.
Wire splicer, Grooved trolley. E. E. Arnold. 2,341,900; June 20.
Wire spring for backs of seat construction. W. H. Neely. 2,363,351; Nov. 21.
Wire, Stainless steel. C. R. Horwedel. 2,365,959; Dec. 26.
Wire-stitching machine. G. H. Harred. 2,357,736; Sept. 5.
Wire stitching machine. R. G. Hoffert. 2,347,908; May 2.
Wire straightening machine. C. A. Garnier. 2,339,693; Jan. 18.
Wire stretcher. G. F. Nidiver. 2,344,320; Mar. 20.
Wire stripping tool. E. S. Thompson. 2,363,758; Nov. 28.
Wire supply mechanism. C. M. Fornwald, Jr. 2,341,707; Feb. 15.
Wire supporting clip. E. M. Morehouse. 2,345,279; Mar. 28.
Wire supporting clip. E. M. Morehouse. 2,366,041; Dec. 26.
Wire tensioning unit. L. L. Hyler. 2,343,672; Mar. 7.
Wire tightening tool. B. G. Capra. 2,362,112; Nov. 7.
Wire-transposing device. R. Case. 2,356,750; Aug. 29.
Wire treating method. W. L. Keene. 2,359,993; Oct. 10.
Wire, Twisting. A. E. Winslow. 2,365,661; Dec. 19.
Wire units, Insulated. R. J. Aust. 2,360,312; Oct. 17.
Wire winding mechanism. B. N. Bletso, C. F. Hood, and W. S. Morgan. 2,348,595; May 9.
Wiring and the like clip device. H. J. Murphy. Re. 22,564; Nov. 21.
Wiring and the like clip device. H. J. Murphy. 2,340,249; Jan. 25.
Wiring device. G. B. Benander. 2,362,794; Nov. 14.
Wiring scheme for oil-filled relay systems. F. H. Buller, S. Zysk, and A. R. Lee. 2,358,621; Sept. 19.
Withe for masts, flagpoles and the like. R. E. Mothershead. 2,345,621; Apr. 4.
Wood building, Sectional. N. T. MacKenzie. 2,359,715; Oct. 3.
Wood, Compressed foliated. M. F. Cronet. 2,250,729; June 6.
Woodcutting machine. L. Nordstrom. 2,361,147; Oct. 24.
Wood filler. H. Green and E. F. Fullam. 2,348,619; May 9.
Wood finishing. E. A. Lehman. 2,345,610; Apr. 4.
Wood finishing. E. A. Lehman. 2,345,940; Apr. 4.
Wood finishing. E. A. Lehman. 2,345,942; Apr. 4.
Wood finishing. W. W. Partee. 2,339,511; Jan. 18.
Wood finishing. W. W. Partee and M. Gray. 2,341,161; Feb. 8.
Wood fixture and indexing mechanism therefor. W. K. Andrew, M. L. Hutchens, and J. B. Lukey. 2,359,601; Oct. 3.
Wood for gutters, Downspout of. N. T. MacKenzie. 2,353,113; July 4.
Wood for preservative treatment, Conditioning. J. A. Vaughan. 2,350,845; June 6.
Wood for the rapid maturation of whiskey and other alcoholic liquors and wines, Processing. E. T. Krebs. 2,347,783; May 2.
Wood impregnation. A. J. Stamm. 2,350,135; May 30.
Wood-planing machine. W. L. Gaskell and O. P. Haisch. 2,349,162; May 16.
Wood product, Flexible. W. K. Loughborough. 2,343,016; Feb. 29.
Wood pulp cooking, Controlling. R. S. McKay. 2,359,714; Oct. 3.
Wood seasoning process. J. F. T. Berliner. 2,346,286; Apr. 11.
Wood spring. S. F. Apicella. 2,349,839; May 30.
Wood, Surfacing. G. G. Frater. 2,346,131; Apr. 11.
Wood, Treating. K. L. and G. K. Owens. 2,355,553; Aug. 8.
Wood tubing and the like, Manufacture of. P. R. Goldman. 2,352,533; June 27.
Wood-turning tool. S. A. Moore. 2,362,711; Nov. 14.
Wood veneer, Dry expansion of. J. R. Francek. 2,347,820; May 2.
Woodworking apparatus. W. B. Zern. 2,355,603; Aug. 8.
Woodworking machine. W. B. Boice. 2,344,502; Mar. 21.
Woodworking machine. W. B. Boice. 2,346,146; Apr. 11.
Woodworking machine. W. S. Whiting, Jr. 2,343,603; Mar. 7.
Woodworking machine attachment. K. Karish. 2,363,869; Nov. 28.
Woodworking tool. R. F. Pritz. 2,358,997; Sept. 26.
Wooden barrels, Manufacture of protected. C. E. Smith and T. H. Vaughn. 2,345,775; Apr. 4.
Wooden patterns, Coating. E. M. Bright. 2,351,919; June 20.
Wooden spoon and making same. S. F. Montague. 2,346,040; Apr. 4.
Wooden spoons from blanks, Forming. S. F. Montague. 2,346,039; Apr. 4.
Wooden spring. L. A. Daugherty. 2,363,837; Nov. 28.
Woody matter from the stem fibers of textile plants, Removing. L. Antonelli. 2,359,074; Sept. 26.
Wool pulling and sorting. S. S. Steinharter. 2,356,898; Aug. 29.
Wool treating material, Mineral. W. M. Bergin and A. L. Simison. 2,351,802; June 20.
Wool with nonmetallized acid colors, Dyeing of. M. A. Dahlen and H. F. Clapham. 2,346,473; Apr. 11.
Work and supply shop, Portable emergency. K. W. Couse. 2,358,446; Sept. 19.
Workbench for welding jobs and the like. K. Koweindl. 2,341,628; Feb. 15.
Work benches, Attachment for. C. Wulstein. 2,347,760; May 2.
Work chuck. L. G. Floto. 2,358,918; Sept. 26.
Work clamp. J. H. Fraser. 2,349,087; May 16.
Work clamp. C. T. Ketz. 2,351,436; June 13.
Work clamping mechanism. D. B. Thornton. 2,346,241; Apr. 11.
Work feeding and spot spacing control for electric spot welding machines. H. A. Werfel. 2,355,576; Aug. 8.
Work feeding device. E. M. Sims and H. T. Weeks. 2,361,422; Oct. 31.
Work-folding attachment for sewing machines. S. Zonis. 2,343,624; Mar. 7.
Work gauge. W. F. Moore. 2,363,077; Nov. 21.
Work gripping device. F. H. Bogart. 2,358,049; Sept. 12.
Work guide for sewing machines. J. Rosenzweig. 2,347,127; Apr. 18.
Work guiding and feeding attachment for band saws. H. Petersen. 2,363,745; Nov. 28.
Work handling apparatus. H. Law. 2,364,986; Dec. 12.
Work handling apparatus. H. E. Somes. 2,359,167; Sept. 26.
Work handling mechanism. A. W. Maulding. 2,352,726; July 4.
Work holder. E. Ennis. 2,352,699; July 4.
Work holder. J. Jesionowski. 2,356,591; Aug. 22.
Work holder. W. E. Parks. 2,357,128; Aug. 29.
Work holder. F. G. Volkel. 2,354,970; Aug. 1.
Work holder. C. Weidauer. 2,353,096; July 4.
Workholder for article-attaching machines. H. Gunther. 2,341,441; Feb. 8.
Work holder for boring and drilling machines. E. W. Pearson. 2,350,919; June 6.
Work holder for lapping devices. A. M. Drake. 2,362,543; Nov. 14.
Work holder or collet holding mechanism for metalworking machines. E. S. Mariotte. 2,362,146; Nov. 7.
Work holding and masking device. W. W. Prue. 2,356,883; Aug. 29.
Work holding apparatus. J. J. Huber. 2,365,079; Dec. 12.
Work-holding clamp. J. M. Bertoldo and H. S. Gregor. 2,363,383; Nov. 21.
Work holding device. H. W. Plumadore, T. Collins Jr., and J. Oakley. 2,347,710; May 2.
Work-holding device having a ball and socket as a means for universal adjustment. C. W. Barker. 2,354,937; Aug. 1.
Work-holding means for cutting machines and the like. W. C. Tucker. 2,344,907; Mar. 21.
Work pieces by means of resistance welding, Joining. B. Anderson and H. Wängsjö. 2,352,754; July 4.
Workpieces, Rounding. E. W. Stacey. 2,359,396; Oct. 3.
Work positioning means for imprinting machines and the like. W. B. Payne. 2,339,188; Jan. 11.
Workshop, Travelling. K. W. Couse. 2,365,940; Dec. 26.
Work sling. G. M. Graham. 2,349,717; May 23.
Work support. L. O. Carlsen. 2,349,537; May 23.
Work support. K. F. Gallimore and E. K. Morgan. 2,360,118; Oct. 10.
Work support. L. A. Mitchell. 2,360,508; Oct. 17.
Work support. E. J. Ray. 2,351,709; June 20.
Work support. J. L. Scheer. 2,359,249; Sept. 26.
Work support. A. J. Schreiber. 2,364,478; Dec. 5.
Work supporting device for printers and the like. F. W. McDonell. 2,341,409; Feb. 8.
Work supporting fixture. W. L. Bond. 2,357,307; Sept. 5.
Worktable and laying glass sheets to be surfaced thereon. J. L. Drake. 2,339,158; Jan. 11.
Worktable for metal perforating machines. G. P. Thomas. 2,340,236; Jan. 25.
Worm gearing. N. Trbojevich. 2,338,367; Jan. 4.

Woven fabric. R. Whewell and A. Bauer, Jr. 2,359,953; Oct. 10.
Woven structure resistant to penetration by water under pressure. F. T. Peirce and W. C. Gardiner. 2,350,696; June 6.
Wrap yarn stop motion. W. C. Lee. 2,361,779; Oct. 31.
Wrapper. J. E. Snyder. 2,340,774; Feb. 1.
Wrapper. H. B. Tuthill. 2,341,492; Feb. 8.
Wrapper feed. W. Hoppe. 2,342,584; Feb. 22.
Wrapper for bottles or phials. G. W. Taylor. 2,357,147; Aug. 29.
Wrapper for hack-saw blades. K. Y. Taylor. 2,343,715; Mar. 7.
Wrapper for packages of cigarettes and the like. R. C. Adams. 2,341,415; Feb. 8.
Wrapper, Plastic material. C. Nicolle. 2,358,246; Sept. 12.
Wrapping for packages, Preformed. B. Y. James. 2,364,297; Dec. 5.
Wrapping machine. R. R. Brightwell. 2,363,939; Nov. 28.
Wrapping machine. W. B. Bronander. 2,360,845; Oct. 24.
Wrapping machine. H. Rumsey, Jr. 2,346,613; Apr. 11.
Wrapping machine. R. H. Schultz and A. J. Siebert. 2,363,751; Nov. 28.
Wrapping material. O. K. Schmied. 2,359,250; Sept. 26.
Wrench. *See*—
Chain wrench.
Fixed maximum torque tension wrench.
Flange wrench.
Hose clamp wrench.
Illuminated multiple socket wrench.
Impact wrench.
Non-pipe-mashing wrench.
Pipe wrench.
Plier type wrench.
Plier wrench.
Power wrench.
Pressure releasable wrench
Ratchet open-ended wrench.
Ratchet wrench.
Set torque wrench.
Speed wrench.
Tap and reamer wrench.
Tension indicating wrench.
Torque ratchet wrench.
Turnbuckle wrench.
Wrench. Y. A. Bouget. 2,359,823; Oct. 10.
Wrench. F. C. Fischer. 2,366,015; Dec. 26.
Wrench. L. J. Jires. 2,353,901; July 18.
Wrench. W. G. La Pierre. 2,341,564; Feb. 15.
Wrench. T. L. McPherson. 2,357,595; Sept. 5.
Wrench. L. C. Newberry. 2,365,139; Dec. 12.
Wrench. A. Portuondo. 2,358,249; Sept. 12.
Wrench. H. P. Reasoner. 2,355,819; Aug. 15.
Wrench. F. A. Richter. 2,341,654; Feb. 15.
Wringer. N. L. Etten. 2,342,259; Feb. 22.
Wringer. H. B. Fay. 2,350,342; June 6.
Wringer. S. E. Schroeder. 2,360,369; Oct. 17.
Wringer. C. W. Williams. 2,350,381; June 6.
Wringer drive control mechanism. W. G. Beatty. 2,346,993; Apr. 18.
Wringer for washing machines. G. C. Fields. 2,350,834; Oct. 10.
Wringer guard. H. J. Heetderks. 2,354,085; July 18.
Wringer, Mop. R. O'Neil. 2,352,910; July 4.
Wringer, Pivotal frame. N. L. Etten. 2,346,738; Apr. 18.
Wringer, Rinse. A. Schellenberg. 2,358,256; Sept. 12.
Wringer spring and adjusting spring assembly. W. L. Kaufman, II. 2,360,424; Oct. 17.
Wringer, Toilet seat. A. O. McGowan, Jr. 2,352,845; July 4.
Wringer, Three roll. N. L. Etten. 2,363,122; Nov. 21.
Wrinkle compositions, Preparing. W. A. Waldie. 2,347,303–4; Apr. 25.
Wrist watch protector. H. V. Dressen. 2,344,136; Mar. 14.
Writing device. M. Berliner and A. Matlas. 2,359,195; Sept. 26.
Writing instrument assemblage. D. Kahn and J. W. Para. 2,363,473; Dec. 19.
Writing machine. J. A. Schmidt. 2,345,008; Mar. 28.
Writing pad. E. G. Johnson. 2,359,312; Oct. 3.
X box. S. White. 2,358,194; Sept. 12.
X-ray apparatus. H. S. Akers and J. O. Humphries. 2,339,902; Jan. 25.
X-ray apparatus. Z. J. Atlee. 2,343,729–30; Mar. 7.
X-ray apparatus. F. T. Powers. 2,353,969; July 18.
X-ray cassette. F. T. Powers. 2,357,969; Sept 12
X-ray exposure system. J. M. Constable and R. W. Stamm. 2,351,486; June 13.
X-ray generator. Z. J. Atlee and H. W. Brackney. 2,340,381; Feb. 1.
X-ray inspection equipment and method. M. B., D. M., and R. M. Adrian. 2,360,826; Oct. 17.
X-ray machine. G. H. Chamberlain. 2,353,145; July 11.
X-ray photograph marking, and making same. C. R. Landis and W. L. Culpepper. 2,344,823; Mar. 21.
X-ray photographs, Making. C. R. Landis and W. L. Culpepper. 2,344,824; Mar. 21.
X-ray system for varying intensity X-ray beams. J. Lempert. 2,355,981; Aug. 15.
X-ray technique. D. McLachlan, Jr. 2,341,108; Feb. 8.
X-ray technique. D. McLachlan, Jr. 2,347,638; Apr. 25.
X-ray tube. Z. J. Atlee. 2,345,722; Apr. 4.
X-ray tube. Z. J. Atlee. 2,350,269; May 30.
X-ray tube. Z. J. Atlee. 2,365,855; Dec. 26.
X-ray tube. Z. J. Atlee and H. W. Brackney. 2,356,645; Aug. 22.
X-ray tube. Z. J. Atlee and J. C. Filmer. 2,345,723; Apr. 4.
X-ray tube. R. R. Machlett. 2,347,424; Apr. 25.
X-ray tube head, Cooled. E. R. Goldfield and E. B. Graves. 2,353,720; July 18.
Xylene from hydrocarbon mixtures, Separation of. C. R. Clark. 2,348,726; May 16.
Xylenes, Separating P. J. Cole and G. W. Burtt. 2,348,329; May 9.
Xylophone. E. Sas. 2,347,287; Apr. 25.
Xylophone. V. Zimmerman. 2,339,971; Jan. 25.
Yarn. E. C. Geier and R. E. Semmler, 2,350,504; June 6.
Yarn and producing the same. B. L. Hathorne and R. W. Seem. 2,353,666; July 18.
Yarn and spool holder. A. F. Flournoy. 2,351,418; June 13.
Yarn cake holder. W. R. Rosendale. 2,361,320; Oct. 24.
Yarn carrier rod operating means for straight knitting machines. G. Bitzer. 2,345,914; Apr. 4.
Yarn composed of both relatively long and relatively short fibers, Spinning single ply. F. E. Nutter and E. I. Spence. 2,358,656; Sept. 19.
Yarn drying apparatus. H. S. Drum and W. C. Dodson. 2,356,834; Aug. 29.
Yarn for water pressure hose, Cotton. C. F. Goldthwaite. 2,352,707; July 4.
Yarn guide. W. Reiners and S Fürst. 2,350,928; June 6.
Yarn guide device. B. Subin. 2,347,801; May 2.
Yarn guide means. F. G. Welsbecker. 2,366,137; Dec. 26.
Yarn holding means. I. W. Grothey. 2,366,101; Dec. 26.
Yarn, Making. E. Franz. 2,356,574; Aug. 22.
Yarn, Making. R. B. Hickey. 2,338,641; Jan. 4.
Yarn, Making twisted multifilament. J. E. Pierce. 2,352,861; July 4.
Yarn of synthetic origin, Treatment of high tenacity. R. F. Conaway. 2,346,208; Apr. 11.
Yarn-package holder. H. J. Theiler. 2,349,639; May 23.
Yarn plying machine, Hollow spindle. J. G. McNally and D. R. Morey. 2,338,656; Jan. 4.
Yarn production. F. G. Kraft. 2,364,375; Dec. 5.
Yarn production. W. E. Neff. 2,340,611; Feb. 1.
Yarn production. W. E. Neff. 2,350,182; May 30.
Yarn production. I. F. Walker. 2,364,407; Dec. 5.
Yarn, Stabilizing. W. J. Elvin and B. Shallis. 2,358,854; Sept. 26.
Yarn throwing machines of the up-twister type, Tensioning device for. H. Lasch. 2,361,041; Oct. 24.
Yarn-traversing device. J. P. Mackie. 2,342,353; Feb. 22.
Yarn treatment. W. H. Bradshaw. 2,340,577; Feb. 1.
Yarn, Unwinding. A. G. Bouhuys and H. B. Carico. 2,349,237; May 23.
Yarn winding. H. S. Cole. 2,345,587; Apr. 4.
Yarn winding. W. F. Hickes. 2,345,601; Apr. 4.
Yarn winding. C. L. Hlvick. 2,364,714; Dec. 12.
Yarn winding. E. V. Lewis. 2,345,538; Mar. 28.
Yarn winding. H. Worthington. 2,345,544; Mar. 28.
Yarn winding and holding device. J. Gomberg. 2,364,967; Dec. 12.
Yarn winding apparatus. E. K. Gladding. 2,354,455; July 25.
Yarn winding device. A. W. Keight. 2,357,406; Sept. 5.
Yarn winding machine. H. W. Doughty, Jr. 2,355,634; Aug. 15.
Yarn winding machine and method. A. W. Arterton and W. W. McConnell. 2,358,294; Sept. 19.
Yarns and fabrics, Method and apparatus for treating. B. Monsaroff. 2,341,735; Feb. 15.
Yarns, Fugitive coloring of. P. Knapp. 2,339,340; Jan. 18.
Yarns of endless threads, Manufacture of strongly curled, woollike twisted. G. Rutishauser. 2,356,887; Aug. 29.
Yarns, Treating textile. L. J. Sheps, M. A. Boisclair, K. V. Cooper, and P. Fristensky. 2,354,335; July 25.
Yeast, Culture of. H. E. Harrison. 2,359,521; Oct. 3.
Yeast from yeast suspensions, Separation of. M. P. J. M. Jansen. 2,351,970; June 20.
Yeast, Method of treating. J. J. Enright and H. E. Foote. 2,346,671; Apr. 18.
Yeast propagation. A. S. Schults, L. Atkin, and C. N. Frey. 2,354,281; July 25.
Yieldable coupling. R. Matteucci. 2,363,257; Nov. 21.
Yielding pressure welding. G. K. Blum and A. E. Peters. 2,354,983; Aug. 1.
Zein coating, Production of. A. L. James. 2,364,792; Dec. 12.
Zein dispersions. C. W. Stewart. 2,360,081; Oct. 10.
Zein, Production and treatment of. J. F. Walsh, S. M. Kinzinger, and W. L. Morgan. 2,360,381; Oct. 17.
Zein-shellac composition and preparing same. H. M. Weber. 2,360,382; Oct. 17.
Zein solutions directly from gluten, Preparation of. R. E. Coleman. 2,355,056; Aug. 8.
Zein solutions directly from gluten, Preparing. R. E. Coleman. 2,352,604; July 4.
Zein solutions directly from gluten, Preparing. R. E. Coleman. 2,359,202–4; Sept. 26.
Zeolites, Regenerating. N. G. Stone and S. W. Holliday. 2,351,160; June 13.
Zero elimination means. R. S. Goebel. 2,350,454; June 6.

Zero printing and column split mechanism. T. O. Mehan. 2,346,265; Apr. 11.
Zero return for galvanometers. G. F. Gardner. 2,356,579; Aug. 22.
Zinc-calcium resinate and making the same. R. C. Palmer, A. F. Oliver and E. Edelstein. 2,346,995; Apr. 18.
Zinc-calcium resinate and preparing same, Permanently refusible. R. C. Palmer and E. Edelstein. 2,346,993; Apr. 18.
Zinc, Electrodeposition of bright. J. L. Bray and R. E. Howard. 2,355,505; Aug. 8.
Zinc from lead, Removal of. W. T. Monson. 2,344,629; Mar. 21.
Zinc, Manufacture of. H. Wolf, E. Kuss, H. Hohn, and F. Stietzel. 2,351,883; June 13.
Zinc oxide. H. M. Cyr. 2,348,883; May 16.
Zinc, Recovery of. W. A. Ogg. 2,341,805; Feb. 15.
Zinc resinate and preparing same, Permanently refusible. R. C. Palmer and E. Edelstein. 2,346,992; Apr. 18.
Zinc salt of the reaction products of aliphatic alcohols and terpene-phosphorus sulphide. R. L. May. 2,356,074; Aug. 15.
Zinc salts of mercaptothiazolines. P. C. Jones and R. A. Mathes. 2,356,932; Aug. 29.
Zinc smelting. G. F. Halface. 2,340,619; May 23.
Zircon refractory and making it. R. K. Smith. 2,338,209; Jan. 4.
Zirconium oxide refractory and making the same. E. Wainer. 2,347,225; Apr. 25.

LIST OF DESIGN INVENTIONS

Adjuster for brakes or the like, Slack. E. Almdale. 138,238; July 11.
Advertising device. J. A. Lewis. 139,398; Nov. 7.
Agricultural implement head. C. J. Keller. 139,267; Nov. 7.
Air diffuser or the like. C. A. Duffner. 139,247; Nov. 7.
Air horn and actuator, Combined. H. F. Hadley. 138,406; Aug. 1.
Airplane. R. W. Ayer, T. Knox, G. S. Thompson, and C. de Ganahl. 137,279; Feb. 15.
Airplane. R. J. Brown. 137,701; Apr. 18.
Airplane. C. F. Burton and C. G. Brown. 138,535; Aug. 15.
Airplane. L. F. Clerc. 138,538; Aug. 15.
Airplane. B. G. Eaton, Jr. 137,610; Apr. 4.
Airplane. E. V. Elchman. 138,469; Aug. 8.
Airplane. C. L. Eshelman. 137,628; Apr. 4.
Airplane. H. Harrington. 138,801; Sept. 12.
Airplane. E. H. Heinemann and L. J. Devlin. 139,507; Nov. 21.
Airplane. W. A. Hite, R. E. Harvuot, and D. H. Williams. 139,788; Dec. 19.
Airplane. H. R. Hughes. 139,438; Nov. 14.
Airplane. A. Kartveli and M. Berkow. 139,729; Dec. 12.
Airplane. A. Kartveli and H. H. Haase. 137,889; May 9.
Airplane. A. O. Kelly. 137,891; May 9.
Airplane. A. O. Kelly. 139,102; June 13.
Airplane. E. M. Lanier. 138,350–1; July 18.
Airplane. R. D. MacCart. 137,285; Feb. 15.
Airplane. O. F. Maycen. 137,667; Apr. 11.
Airplane. O. F. Maycen. 137,938; May 16.
Airplane. O. F. Maycen. 139,860; Dec. 26.
Airplane. G. A. Page, Jr. 137,623; Apr. 4.
Airplane. E. M. Rodewald. 138,091; June 13.
Airplane. M. F. Stoughton. 138,795; Sept. 12.
Airplane. W. B. Stout. 139,028; Oct. 3.
Airplane. W. D. van Zelm. 138,217–18; July 4.
Airplane. G. W. Walker. 139,634; Dec. 5.
Airplane. E. V. Willis. 137,673; Apr. 11.
Airplane, Folding wing. W. F. Sheffield. 137,661; Apr. 11.
Airplane, Toy. R. E. Lyman. 139,314; Oct. 31.
Album, Display. W. Wilder. 137,883; May 9.
Album, Picture. N. D. Mitchell. 137,732; Apr. 25.
Alphabet. C. P. Hayes. 138,740. Sept. 5.
Alphabet for forming monograms or similar article. N. Barbieri. 138,010; June 6.
Animal figure. V. M. Rundle. 137,327; Feb. 22.
Animal figure. V. M. Rundle. 137,906; May 16.
Apartment house. G. W. Walker. 139,559; Nov. 28.
Applicator unit, Hair dye. F. H. Nelson and F. D. Potts. 137,637; Apr. 11.
Appliqué. F. Hegner. 137,680; Apr. 18.
Applique or similar article. J. Rafelman. 139,478; Nov. 21.
Applique or similar article. J. Rafelman. 139,490; Nov. 21.
Applique or the like. H. Tobler. 137,550; Mar. 28.
Apron. D. L. Dahlberg. 137,160; Feb. 1.
Apron. Joseph and Jack Nachman. 137,425–8; Mar. 7.
Apron. Joseph and Jack Nachman. 137,926–7; May 16.
Apron. J. and J. Nachman. 138,128; June 20.
Apron. H. Pons. 137,163; Feb. 1.
Apron. S. Vogel. 137,433; Mar. 7.
Arc welding device. C. P. Nielsen. 137,465; Mar. 14.
Arm for beverage dispensers, Draft. J. J. Booth. 137,115; Jan. 25.
Armature for electromagnet. J. D. Burke and F. A. Crooks. 138,827; Sept. 19.
Armature for electromagnet, Balanced. J. D. Burke and F. A. Crooks. 138,828; Sept. 19.
Ash receiver. F. A. Roberts. 138,833; Sept. 19.
Ash receiver. F. A. Roberts. 139,003; Oct. 3.
Ash tray. A. Basescu. 136,968; Jan. 4.
Ash tray. M. F. Comstock. 139,538; Nov. 28.
Ash tray. W. A. Davidson. 139,639; Dec. 5.
Ash tray. S. L. Gerson. 137,261; Feb. 8.
Ash tray. F. Powell. 139,808–9; Dec. 26.
Ash tray and coaster, or similar article, Combined. M. L. Goldbert. 137,959; May 23.
Ash tray or article of similar nature. R. J. Beatty. 138,534; Aug. 15.
Ash tray or similar article. C. W. Gustkey. 137,613; Apr. 4.
Autogyro. R. L. Kamery. 139,013; Oct. 3.
Automobile. L. J. O'Kane. 139,452; Nov. 14.
Automobile. G. W. Walker. 139,631; Dec. 5.
Automobile. G. W. Walker. 139,636; Dec. 5.
Automobile body. J. Robinson. 137,833; May 2.
Automobile bumper. R. Cadwallader. 137,038–40; Jan. 11.
Back for billfold or similar article. S. J. Smallman. 139,746–9; Dec. 19.
Back for billfold or similar article. A. A. Tolbert. 138,355; July 18.
Backplate for rearview mirror and reflector, Combined. H. Golden. 139,506; Nov. 21.
Badge. H. E. Houghton and L. Crile. 137,224; Feb. 8.
Badge. H. E. Houghton and F. Hall. 137,042; Jan. 11.
Badge. E. Muehsam. 137,341; Feb. 22.
Badge, Identification. J. A. Graves and C. S. Bosworth. 137,536–7; Mar. 28.
Badge or article of similar nature. C. S. Amspacker. 137,674; Apr. 18.
Badge or similar article. W. G. McGregor. 138,654; Aug. 29.
Badge or similar article. J. C. Mullins. 137,027; Jan. 11.
Badge or similar article, Emblematic. F. Manners. 137,462; Mar. 14.
Badge or similar article of jewelry. J. J. Hoover. 137,133; Jan. 25.
Badge or similar article of manufacture. M. H. Stone. 136,986; Jan. 4.
Badge or the like. M. Trude. 137,503; Mar. 21.
Bag frame, Hand. J. De Pasquale and A. Westerman. 139,336; Nov. 7.
Bag, Ice cracking. W. L. Mellor. 137,061; Jan. 18.
Bag or similar article. R. O. Green. 139,142; Oct. 10.
Bag, Sleeping. M. D. Frazee. 139,071; Oct. 10.
Bag, Traveling. E. N. Graham. 138,364; July 25.
Ball, Rubber. C. J. Davidson. 138,150; June 27.
Band for a hand bag frame, Top. J. De Pasquale and A. Westerman. 138,987; Oct. 3.
Band for a wrist watch or similar article. A. Adler. 139,740; Dec. 12.
Band for bag frames, Top. J. De Pasquale and A. Westerman. 139,578; Nov. 28.
Bank, Coin. W. J. Ayers. 139,366; Nov. 7.
Bank, Savings. A. S. Ewald. 139,520; Nov. 28.
Banner. L. G. Johnsen. 139,288; Oct. 31.
Banneret. E. Orta. 137,130; Jan. 25.
Bar and guard partition therefor, Combined serving. J. Stark. 137,662; Apr. 11.
Bar, Coaming. T. R. Lilly. 139,668; Dec. 5.
Bar for an embroidery machine, Tightening. T. M. Berger. 137,158; Feb. 1.
Bar of soap. W. G. Werner and C. T. Gerhart. 138,687; Aug. 29.
Barrel tap and rod wrench combination tool, Master coupling spanner. B. Czekalski. 138,790; Sept. 12.
Base for machine tools or the like. R. E. Conover. 138,412; Aug. 1.
Basket and grill, Combined fireplace. S. B. Kronenberg. 139,144; Oct. 10.
Basketball goal, Portable. G. A. Gibson. 139,311; Oct. 31.
Basket or similar article. E. F. Smith and G. K. Wilson. 138,327; July 18.
Bathroom unit, Combination. L. W. Helmuth, Sr. 138,741; Sept. 5.
Bathroom unit, Combination. F. J. Zavada. 139,090; Oct. 10.
Bathing suit. T. Leser. 137,357; Feb. 22.
Bathing suit or similar article. A. A. Mitchell. 138,422; Aug. 1.
Beam and dial casing for a weighing scale. H. Dreyfuss. 139,059; Oct. 10.
Beam and poise assembly for a weighing scale. H. Dreyfuss. 139,046; Oct. 10.

Beam assembly for a weighing scale. H. Dreyfuss. 139,045; Oct. 10.
Beam assembly for a weighing scale. H. Dreyfuss. 139,051; Oct. 10.
Beam assembly for a weighing scale. H. Dreyfuss. 139,058; Oct. 10.
Beam assembly for portable scale or similar article. H. Dreyfuss. 138,857; Sept. 19.
Beam casing for a weighing scale. H. Dreyfuss. 139,044; Oct. 10.
Bed, Foldable double deck. I. M. Wells. 137,505; Mar. 21.
Bedstead end frame. W. Millington. 139,253; Oct. 24.
Bedstead or similar article. J. Russell. 139,330; Oct. 31.
Bed table and refuse receptacle support, Combined. T. O. Smith. 137,877; May 9.
Bell. F. Brown. 137,664; Apr. 11.
Belt. H. D. Huff. 137,555; Mar. 28.
Belt. H. D. Huff. 138,344; July 18.
Belt or similar article. M. Lichtenstein. 138,617; Aug. 22.
Belt or similar article. M. McCoy. 137,837; May 2.
Bench, Pottery mold caster's. L. P. Reese. 138,575; Aug. 22.
Bib or similar article. G. D. Brown. 138,812; Sept. 19.
Bicycle. E. S. Boynton. 138,304; July 11.
Bill clip and coin holder or the like, Combination. M. L. Ornstein. 138,985; Oct. 3.
Billfold. S. Benner. 138,134–5; June 27.
Billfold. S. J. Smallman. 137,500; Mar. 21.
Billfold, change purse, and key holder, Combined. L. Halber. 139,607; Dec. 5.
Billfold, key case, and token purse, Combined. M. Becker. 138,035; June 6.
Billfold, pass holder, and change holder, Combined. S. J. Smallman. 138,364; July 18.
Billfold, passholder, and keyholder, Combined. S. I. Smallman. 139,413; Nov. 14.
Binocular or the like. J. T. Armbruster and I. A. Bosack. 137,317; Feb. 22.
Binoculars or the like. J. R. Miles. 137,441; Mar. 14.
Bird figure. J. F. Buffenbarger. 137,173; Feb. 1.
Bird figure. J. F. Buffenbarger. 137,534; Mar. 28.
Bit, Drill. J. B. Baker. 138,242; July 11.
Blaster, Smoking pipe. R. D. Jones. 138,267; July 11.
Block, Engine cylinder. L. M. Taylor. 138,104; June 13.
Block for a metal treatment trough, Grid. F. J. Wood. 138,646; Aug. 29.
Block, Pulley. H. B. Cohen. 138,114; June 20.
Blouse. A. M. Katz. 137,141–2; Jan. 25.
Blouse. J. Koret. 137,452; Mar. 14.
Blouse. J. Walker. 137,561; Mar. 28.
Blower, Soap bubble. P. F. Baeth. 138,810; Sept. 19.
Board, Cribbage. E. H. Hall. 138,495; Aug. 15.
Board, Cribbage. L. F. Roh. 138,400; Aug. 1.
Board, Game. J. Pickup. 137,206; Feb. 8.
Board, Game. W. V. Wendland. 137,652; Apr. 11.
Board or similar article, Game. W. H. and E. I. Loethen. 139,555; Nov. 28.
Boat or the like. C. H. Clement, Jr. 138,338; July 18.
Bobeche or similar article. M. A. Hanse. 136,979; Jan. 4.
Boiler, Base section of a hot-water supply. M. H. Garfunkle. 139,225; Oct. 24.
Boiler, Dome section of a hot-water supply. M. H. Garfunkle. 139,223; Oct. 24.
Boiler, Hot-water supply. M. H. Garfunkle. 139,222; Oct. 24.
Boiler, Intermediate section of a hot-water supply. M. H. Garfunkle. 139,224; Oct. 24.
Boiler, Oil burner. J. D. Landerman. 139,418; Nov. 14.
Boiler, Top section of a hot-water supply. M. H. Garfunkle. 139,226; Oct. 24.
Bomb extinguishing device. F. C. Buono. 137,291; Feb. 15.
Bookend. S. L. Gerson. 137,161–2; Feb. 1.
Book, Photo record. A. G. De Vry. 138,689; Sept. 5.
Boot. V. P. Britton. 139,147; Oct. 17.
Boot, Adjustable one piece jungle. J. A. Crotty. 139,007; Oct. 3.
Bootee, Baby's. F. L. Bécard. 139,815; Dec. 26.
Booth or the like, Confessional. A. Iannelli. 137,127; Jan. 25.
Border or similar article, Wallpaper. W. Burton. 138,248–51; July 11.
Border or similar article, Wallpaper. W. Burton. 138,257–62; July 11.
Border or similar article, Wall-paper. W. Burton. 138,455–61; Aug. 8.
Border or similar article, Wallpaper. W. Burton. 139,189; Oct. 17.
Borescope. C. V. Lindbloom. 138,143; June 27.
Bottle. V. E. Bowers. 139,135; Oct. 10.
Bottle. M. A. Byrd. 139,564; Nov. 28.
Bottle. R. M. Clark. 136,997; Jan. 11.
Bottle. E. Coleman. 139,378–80; Nov. 7.
Bottle. E. W. Fuerst. 139,437; Nov. 14.
Bottle. G. Grunberg. 138,278–9; July 11.
Bottle. B. A. Jackson. 138,198; July 4.
Bottle. R. B. Karoff. 138,451; Aug. 8.
Bottle. R. Lisha, Jr. 138,999; Oct. 3.
Bottle. L. Poglein. 138,123; June 20.
Bottle. P. Schwartz. 137,787; Apr. 25.
Bottle. W. F. Smith. 138,686; Aug. 29.
Bottle. W. C. Teuniaz. 138,663; Aug. 29.
Bottle. J. P. Wilde. 139,573; Nov. 28.
Bottle and cap, Combined. B. Harris. 139,381; Nov. 7.
Bottle and cap, Combined. M. B. Lukather. 139,761; Dec. 19.
Bottle and display holder therefor, Combined. W. Weeks. 139,004; Oct. 3.
Bottle and holder or similar article, Combined. R. B. Karoff. 138,452; Aug. 8.
Bottle and stopper, Combined. F. E. Ansell. 138,192, July 4.
Bottle and stopper, Combined. G. Grunberg. 138,281; July 11.
Bottle and stopper or similar article, Combined perfume. J. D. Buckingham. 139,433; Nov. 14.
Bottle carrier. A. J. Goodin. 138,130; June 20.
Bottle, Cologne. W. R. Hauptman. 138,829; Sept. 19.
Bottle for candy pellets, Toy glass nursing. T. H. Stough. 137,033; Jan. 11.
Bottle, Infant feeding. L. Eisele. 137,510; Mar. 21.
Bottle lifter. O. Taylor. 139,846; Dec. 26.
Bottle, Milk. W. C. Teunias. 139,331; Oct. 31.
Bottle or similar article. G. Labran. 138,200; July 4.
Bottle or similar article. A. Lieberfield. 137,711; Apr. 18.
Bottle or similar article. L. G. Rothschild. 138,205; July 4.
Bottle or similar article. G. A. Stevens. 138,604; Aug. 22.
Bottle or similar article, Baby's nursing. A. H. Ostrin. 136,976; Jan. 4.
Bottle or similar article of manufacture. J. M. G. Merralls. 138,602; Aug. 22.
Bottle or the like. R. Ratner. 138,165; June 27.
Bottle stopper. G. Grunberg. 138,280; July 11.
Bottle stopper. R. E. Rodolphe. 138,781; Sept. 12.
Bottle warmer. J. H. Gulick. 138,593; Aug. 22.
Bow-buckle or similar article. E. J. Castle. 137,859; May 9.
Bow compass. A. P. Bartusch. 137,435; Mar. 14.
Bowl and holder, Combined soap. L. Bertisch. 139,816; Dec. 26.
Bowl for flowers or the like. N. L. Wade. 139,799; Dec. 19.
Bowl, Lighting fixture. F. Knoblock. 139,439–40; Nov. 14.
Bowl, Shaving soap. W. R. Hauptman. 139,229; Oct. 24.
Box. S. Orkin. 138,611; Aug. 22.
Box, Candy. S. L. Gerson. 138,472; Aug. 8.
Box for aircraft engine starters, Gear. R. M. Nardone. 138,216; July 4.
Box for precision gauge block sets. J. W. Wilkie. 138,665; Aug. 29.
Box or similar article. L. Medgyes. 138,121; June 20.
Box or similar article. L. Medgyes. 138,132; June 20.
Box or similar article. F. Powers. 138,413; Aug. 1.
Box or similar article, Jewelry. R. M. Dugdale. 137,807; May 2.
Box or similar article, Vanity. C. H. Foster and H. E. Forwell. 139,567; Nov. 28.
Box or the like, Cigarette. B. E. Lawrence. 138,744; Sept. 5.
Box or the like, Ring. W. Ludel and E. Goldstein. 138,066; June 13.
Box, Powder. J. M. Downs. 139,175; Oct. 17.
Box, Vanity. L. P. Root. 138,031; June 6.
Bracelet. H. J. Jung. 137,128; Jan. 25.
Bracelet. W. A. McHale. 139,793; Dec. 19.
Bracelet and watch, Combined. B. Pereira. 139,671; Dec. 5.
Bracelet and watch, Combined. J. Rubel. 139,265; Oct. 24.
Bracelet or similar article. W. W. Hobé. 138,955; Oct. 3.
Bracelet or similar article. W. W. Hobé. 139,167–9; Oct. 17.
Bracelet or similar article. W. W. Hobé. 139,240; Nov. 7.
Bracelet or similar article. F. Powell. 137,286; Feb. 15.
Bracelet, Separable. J. Rubel. 138,174; June 27.
Bracket and guide, Combined window shade. E. A. Littman. 139,464; Nov. 21.
Bracket for bicycles, Truss. F. W. Schwinn. 137,669; Apr. 11.
Bracket for memorandum paper or the like, Wall. W. F. Sanford. 139,431; Nov. 14.
Bracket, Plaque wall. B. E. Lawrence. 138,845; Sept. 19.
Bracket, Supporting. W. R. Snyder. 137,754; Apr. 25.
Bracket, Switch. O. H. Kaminky. 137,614; Apr. 4.
Bracket, Window ventilator. W. G. Dieter. 137,589; Mar. 28.
Braid, Woven. A. Steffens. 137,516–17; Mar. 21.
Brassière. P. Amyot. 138,310; July 18.
Brassière. P. Amyot. 139,365; Nov. 7.
Bread loaf. C. C. Frantz. 138,039; June 6.
Brewer, Coffee. H. L. Frick. 139,543; Nov. 28.
Bridge and tail piece, Combination violin. M. E. Osburn. 139,570; Nov. 28.
Bridge scorer. R. H. Benson. 138,071–2; June 13.
Bridge scorer. R. H. Benson and D. Root. 138,220; July 11.
Brooch and locket, Combined. B. Pereira. 137,006; Jan. Apr. 25.

Brooch or similar article. N. Barbieri. 139,373–5; Nov. 7.
Brooch or similar article. N. Barbieri. 139,392–3; Nov. 7.
Brooch or similar article. D. H. Chesebro. 137,406; Mar. 7.
Brooch or similar article. C. A. Furst. 138,141; June 27.
Brooch or similar article. A. C. Heineke. 139,127; Oct. 10
Brooch or similar article. H. M. Kafka. 138,693; Sept. 5.
Brooch or similar article. A. Katz. 137,154; Jan. 25.
Brooch or similar article. A. Katz. 137,333; Feb. 22.
Brooch or similar article. A. Katz. 137,349–56; Feb. 22.
Brooch or similar article. A. Katz. 137,461; Mar. 14.
Brooch or similar article. A. Katz. 137,511; Mar. 21.
Brooch or similar article. A. Katz. 137,683; Apr. 18.
Brooch or similar article. A. Katz. 137,780–1; Apr. 25.
Brooch or similar article. A. Katz. 138,605; Aug. 22.
Brooch or similar article. A. Katz. 138,681; Apr. 18.
Brooch or similar article. A. Katz. 139,409; Nov. 14.
Brooch or similar article. A. Katz. 139,688–90; Dec. 12.
Brooch or similar article. D. Kritzler. 139,289; Oct. 31.
Brooch or similar article. A. Philippe. 137,322–4; Feb. 22.
Brooch or similar article. A. Philippe. 138,520–22; Aug. 15.
Brooch or similar article. H. Pomerants. 137,958; May 23.
Brooch or similar article. F. Powell. 138,704; Sept. 12.
Brooch or similar article. F. Powell. 139,421; Nov. 14.
Brooch or the like. E. Steiner. 137,647–9; Apr. 11.
Brooch or the like. E. Steiner. 137,670; Apr. 11.
Brooch pin. A. Katz. 138,957; Oct. 3.
Brooch pin. A. Katz. 138,959; Oct. 3.
Brooch pin. A. Philippe. 138,695–8; Sept. 5.
Brooch pin or similar article. W. W. Hobé. 138,929–30; Sept. 26.
Brooch pin or similar article. W. W. Hobé. 138,932–3; Sept. 26.
Brooch pin or similar article. W. W. Hobé. 138,954; Oct. 3.
Brooch pin or similar article. W. W. Hobé. 138,977–82; Oct. 3.
Brooch, Separable. A. Katz. 137,682; Apr. 18.
Brooch, Separable. A. Katz. 138,612; Aug. 22.
Brooch, Separable. A. Katz. 138,694; Sept. 5.
Brooch, Separable. A. Katz. 138,958; Oct. 3.
Brooch, Separable. A. Katz. 138,960–1; Oct. 3.
Brooch, Separable. A. Katz. 139,096; Oct. 10.
Brooch, Separable. A. Katz. 139,101–2; Oct. 10.
Brooch, Separable. A. Katz. 139,406–8; Nov. 14.
Brooch, Separable. A. Katz. 139,691–2; Dec. 12.
Brush. E. Edmonds. 138,806; Sept. 26.
Brush, Dental plate. J. F. Brown. 137,641; Apr. 11.
Brush, Denture. L. J. Laskin. 139,524; Nov. 28.
Brush for dentures. J. J. Lättig. 139,264; Oct. 24.
Brush, Fountain stencil. O. J. Herb. 137,554; Mar. 28.
Brush, Hair. F. H. Letters. 137,616; Apr. 4.
Bucket, Cleaning. E. O'Brien. 139,560; Nov. 28.
Buckle. P. W. White. 138,621–6; Aug. 29.
Buckle, Belt. C. E. Beatty. 139,258; Nov. 7.
Buckle, Slide. H. J. Reiter. 138,185; July 4.
Buckle, Slide. R. H. Schreiber. 137,208; Feb. 8.
Buffet or similar article. V. G. Beauchamp. 137,941; May 23.
Building. R. C. Keeth. 138,650; Aug. 29.
Building. E. Piton. 137,387; Feb. 29.
Building, Service station. G. W. Walker. 139,217; Oct. 24.
Bulb and stand, Combined reflector. R. Wagner. 139,715; Dec. 12.
Bulb, Headlight. L. M. Asay. 137,508; Mar. 21.
Bureau or similar article, Miniature. N. Hyman. 139,706; Dec. 12.
Bus. G. W. Walker. 139,633; Dec. 5.
Button. C. H. Frank. 138,513; Aug. 15.
Button. R. Le Bourgeois. 139,419; Nov. 14.
Button. W. L. Walker. 138,023; June 6.
Button, Covered eyelet. W. Novick. 137,584; Apr. 4.
Button or similar article. W. Drell. 138,077–8; June 13.
Button or similar article. W. Drell. 138,870–4; Sept. 26.
Button or similar article. W. Drell. 138,876–88; Sept. 26.
Button or similar article. W. Drell. 139,066; Oct. 10.
Button or similar article. W. Drell. 139,067–70; Oct. 10.
Button or similar article. W. Drell. 139,301–7; Oct. 31.
Button or similar article. W. Drell. 139,514–18; Nov. 28
Button or the like. S. H. Dalrymple. 138,913; Sept. 26.
Cab, Crane. J. D. Rauch. 139,385; Nov. 7.
Cabinet. E. J. Kump, Jr. 139,859; Dec. 26.
Cabinet and coat hanger, Combined valet. E. E. Burr. 138,063; June 13.
Cabinet, Corner display. J. Veltheer and T. C. Glenn. 137,897; May 16.
Cabinet for electrical apparatus. S. L. Christie. 137,609; Apr. 4.
Cabinet for invalid, Combined toilet and medicine. E. R. Morando. 139,024; Oct. 3.
Cabinet for test equipment. R. A. Gageby. 138,964; Oct. 3.
Cabinet, Low temperature. W. S. Connell. 137,735; Apr. 25.
Cabinet, Merchandise display. H. C. Timmis. 139,162–4; Oct. 17.
Cabinet, Nose and throat treatment. A. A. Goldstein. 138,142; June 27.
Cabinet or similar article, Radio. L. L. Von Cseh. 139,029–31; Oct. 3.
Cabinet or similar article, Towel. M. M. Hagedorn. 138,434; Aug. 8.
Cabinet or the like, Medicine. K. S. Adams. 139,753; Dec. 19.
Cabinet, Projection machine. N. B. Wales. 139,200; Oct. 17.
Cabinet, Radio. C. A. Peterson. 137,624; Apr. 4.
Cabinet, Record. H. E. Braloff. 138,337; July 18.
Cabinet, Refrigerated display. A. Beaudry. 139,202; Oct. 17.
Cabinet, Sewing. L. T. Roberts. 139,453; Nov. 14.
Cabinet, Sound resonating and modulating. C. A. Volf. 138,385; July 25.
Cabinet, Storage. J. O. Reinecke. 139,268; Oct. 31.
Cabinet, Vending machine. J. Tavis. 137,878–9; May 9.
Calculator, Tax. A. A. Golub and Z. Hartmann. 138,224; July 11.
Calendar. E. L. Warner. 137,530; Mar. 28.
Calendar and memo book, Combination. B. and G. J. Klein. 138,713; Sept. 5.
Calendar base or similar article. J. Greenstein. 139,095; Oct. 10.
Camera or similar article. H. G. Cunningham. 136,971; Jan. 4.
Can opener. M. J. Zimmer. 137,531–2; Mar. 28.
Can opener and gripping tool, Combined. P. A. Crandell. 139,840; Dec. 26.
Can or similar article. I. Benton. 138,755; Sept. 5.
Can or similar article. R. Paul. 138,409; Aug. 1.
Canning unit, Pressure cooker. E. F. Le Claire. 139,792; Dec. 19.
Candleholder. E. S. Cornell, Jr. 139,323; Oct. 31.
Candleholder, Flower. F. L. Shaffer. 139,130; Oct. 10.
Cane, Walking. G. B. Wisecarver. 138,330; July 18.
Canopy and windshield, Combination aircraft. M. Berkow. 138,277; July 11.
Cap. S. H. Baker. 138,641; Aug. 29.
Cap. P. M. Maxwell and W. J. Russy. 137,892; May 9.
Cap. P. M. Maxwell and W. J. Russy. 138,745; Sept. 5.
Cap. C. L. Scott, H. Shelby, M. Carney, and G. Meloche. 137,429; Mar. 7.
Cap and comb, Combination. A. E. Sierad. 139,492; Nov. 21.
Cap, Bottle. M. H. Conman. 137,702; Apr. 18.
Cap, Container. H. L. Apfelbaum. 138,735; Sept. 5.
Cap, Container. P. A. Derham. 138,080; June 13.
Cap, Container. P. A. Derham. 138,312–13; July 18.
Cap, Container. P. A. Derham. 139,191; Oct. 17.
Cap, Container. A. H. Jung. 138,756; Sept. 5.
Cap, Container. S. Sapery. 138,952; Sept. 26.
Cap for a fluorescent lighting fixture, End. C. X. Meyer. 139,001; Oct. 3.
Cap for milk bottles. R. Mudge. 139,762; Dec. 19.
Card, Display. M. Michelin. 137,480; Mar. 21.
Card, Menu. L. Welk. 137,469; Mar. 14.
Card, Patriotic photograph mounting. L. V. Lamb. 138,207; July 4.
Card, Playing. J. E. Burbey. 137,553; Mar. 28.
Cards or similar article, Set of playing. A. Field. 138,177; July 4.
Carpet or similar article. G. V. Uihlein. 137,529; Mar. 28.
Carriage, baby. K. E. Ewald. 138,916; Sept. 26.
Carriage, Baby. F. H. Fink. 137,707; Apr. 18.
Carrier, Baby. I. Horekits. 138,791; Sept. 12.
Carrier, Baby. L. C. Lloyd. 137,944; May 23.
Cart, Hospital library. M. W. Standlee. 138,757; Sept. 5.
Carton, Bottle display. R. B. Karoff. 138,530; Aug. 15.
Carton, Dispensing. A. H. Sumbardo. 138,749; Sept. 5.
Carton, Knockdown carrier. J. O. Grady. 137,708; Apr. 18.
Case and ash tray, Combination cigarette. N. R. Fleischer. 137,332; Feb. 22.
Case, Calender watch. H. J. Smoleroff. 138,444; Aug. 8.
Case, Camera. A. Ringer. 138,962; Oct. 3.
Case, Cigarette. W. B. Crane. 138,372–3; July 25.
Case, Cigarette. D. H. Treganowen. 139,199; Oct. 17.
Case, Compact. N. T. Baldanza. 137,640; Apr. 11.
Case, Cosmetic. S. Fritzle. 138,707; Sept. 5.
Case filler, Egg. L. Schwartzberg. 138,782; Sept. 12.
Case for a door lock. S. Oxhandler. 137,295; Feb. 15.
Case for a door lock. S. Oxhandler. 137,342; Feb. 22.
Case for a lighter or the like. D. B. Hickman. 136,980; Jan. 4.
Case for meters or similar article. R. T. Oelrich. 139,694; Dec. 12.
Case for micrometer caliper. W. B. Hunter. 138,673; Aug. 29.
Case, Lipstick. I. Rich. 139,617; Dec. 5.
Case, match box, and ash receiver, Combined cigarette. C. F. Doeppel. 137,138; Jan. 25.
Case or similar article, Thermometer. D. E. Dailey. 137,302; Feb. 15.

Case or the like, Cigarette. J. C. Foster. 139,469; Nov. 21.
Case or the like, Jewelry. J. Foster. 138,151; June 27.
Case, Precision instrument. S. A. Weyenberg. 137,184; Feb. 1.
Case, Rolling cigarette. J. Halpern. 137,176; Feb. 1.
Case, Thermometer. H. Weksler. 138,664; Aug. 29.
Casing, Check writing machine. M. G. Stewart. 137,734; Apr. 25.
Casing, Electric switch. T. M. Cole. 138,405; Aug. 1.
Casing, Film viewer. N. B. Wales. 138,751; Sept. 5.
Casing for fourdrinier shake. W. M. Leeson. 137,710; Apr. 18.
Casing for writing implement or the like. R. Loewy. 137,856–7; May 9.
Casing, Oil filter. E. Siemers. 136,961; Jan. 4.
Casing, Oil filter. E. Siemers. 138,907; Sept. 26.
Casing, Pump. G. W. Quaat. 139,588; Nov. 28.
Casket. E. F. Ayuso. 138,491–2; Aug. 15.
Casket. K. F. Schmidt. 138,497; Aug. 15.
Casket for pet animals or similar article, Burial. J. S. Newlon. 138,201; July 4.
Casket or similar article, Burial. H. A. Neff. 138,656; Aug. 29.
Casserole and serving platter, Combined. T. Kapner and D. Kimenstein. 137,961; May 23.
Casserole or similar article. H. I. Kleinberg. 137,117; Jan. 25.
Casserole or similar article. H. I. Kleinberg. 137,794; May 2.
Chain. W. C. Boots. 139,043; Oct. 10.
Chain for a bracelet or the like, Link. G. Schmidt. 138,603; Aug. 22.
Chain guard, Bicycle. L. Blazey. 137,911; May 16.
Chair. W. G. Dieter. 137,904; May 16.
Chair. F. A. Galde. 139,176; Oct. 17.
Chair. V. Harsany. 137,587; Apr. 4.
Chair. E. L. Koenig. 137,214; Feb. 8.
Chair. J. Weber. 139,239; Oct. 24.
Chair, Child's. D. J. Driscoll. 139,308; Oct. 31.
Chair, Child's toilet. W. Jones. 138,252; July 11.
Chair, Combination baby's high and sleeping. E. R. Morando. 138,067; June 13.
Chair, Holding dental. R. C. Angell. 137,434; Mar. 14.
Chair, High. M. E. Melvyn. 139,104; Oct. 10.
Chair, Infant's. D. J. Driscoll. 137,437; Mar. 14.
Chair, ottoman, and hair drier, Combined. F. La Foriyes. 139,180; Oct. 17.
Chair, rocking chair, and stool, Combination high. H. C. Wright. 139,241; Oct. 24.
Chair, Swivel. P. J. Nordby. 137,204; Feb. 8.
Charm or similar article. J. L. Reed. 139,615; Dec. 5.
Chart, Quota. G. A. Lasko. 138,029; June 6.
Check, Valve. C. Pool. 137,797–801; May 2.
Check, Valve. C. Pool. 137,987; May 30.
Chessmen, Set of. R. Kunen. 137,419; Mar. 7.
Chisel. G. M. Gunderson. 137,744; Apr. 25.
Chuck, Fluid pressure operated. E. A. F. Redmer. 137,135; Jan. 25.
Cigarette. K. C. Vinson. 137,300; Feb. 15.
Cigarette, match, bill, and coin fold, Combined. B. J. Glafke. 139,417; Nov. 14.
Clamp for bedclothes. B. Wandel. 138,963; Oct. 3.
Clamp or similar article, Electric ground. L. O. Schneiderwind. 138,285; July 11.
Clasp. J. T. Kirkland. 137,731; Apr. 25.
Clasp for a handbag or similar article. J. De Pasquale and A. Westerman. 138,988; Oct. 3.
Clasp for a handbag or similar article. J. De Pasquale and A. Westerman. 139,174; Oct. 17.
Clasp for a hand bag or similar article. J. De Pasquale and A. Westerman. 139,337; Nov. 7.
Clasp for a hand bag or similar article. J. De Pasquale and A. Westerman. 139,466; Nov. 21.
Clasp for a handbag or similar article. J. De Pasquale and A. Westerman. 139,579; Nov. 28.
Clasp for a handbag or similar article. J. De Pasquale and A. Westerman. 139,683; Dec. 12.
Clasp for a handbag or the like. J. De Pasquale and A. Westerman. 138,507–8; Aug. 15.
Clasp for fountain pen or similar article. R. Loewy. 139,551; Nov. 28.
Clasp, Necktie. G. C. Potts. 139,586; Nov. 28.
Cleaning and polishing device, Combination. M. H. Bissell. 139,376; Nov. 7.
Climber. R. L. Woodbury. 139,625; Dec. 5.
Clinometer. J. L. Chaney. 139,402; Nov. 14.
Clip, Curl. L. I. Leon. 138,901; Sept. 26.
Clip for hearing aids. H. W. Darr. 139,565; Nov. 28.
Clip or similar article, Bill. H. L. Lambert and E. Schodlbauer. 138,396; Aug. 1.
Clip or similar article, Bill. L. Palliser. 138,424; Aug. 1.
Clip or similar article, Mirror. W. G. Dieter. 137,591; Apr. 4.
Clip, Spring. S. Rosenberg. 137,065; Jan. 18.
Clock case or the like. A. Swainson. 137,528; Mar. 28.
Clock face. L. A. Du Rocher. 137,592; Apr. 4.
Closet, Water. W. G. Young. 139,563; Nov. 28.
Closure. J. E. Sharp. 138,003–4; May 30.
Closure unit, Emergency porthole. H. B. Cohen. 137,620; Apr. 4.
Clothespin. G. A. Kneedler. 137,974; May 23.
Clothespin. E. J. Lytle. 137,583; Apr. 4.
Clothespin. W. J. Martin. 137,894; May 16.
Clothespin. J. E. Most. 138,379; July 25.
Clothespin. R. T. Sand. 138,623; Aug. 15.
Clothespin and hanger or similar article, Combined. S. R. Pine. 139,828; Dec. 26.
Clothespin disk toy. F. E. Hoffman. 137,980; May 30.
Coaster. E. J. Firquain. 138,178; July 4.
Coat. P. Adler. 137,992; May 30.
Coat. S. Beck. 137,627; Apr. 4.
Coat. S. Beck. 138,303; July 11.
Coat. A. Del Re. 138,305; July 11.
Coat. S. Dumler. 137,046; Jan. 18.
Coat. N. Finkelstein. 138,529; Aug. 15.
Coat. P. Graber. 138,839; Sept. 19.
Coat. A. Gruber. 137,198; Feb. 8.
Coat. A. Gruber. 137,581–2; Apr. 4.
Coat. A. Gruber. 138,107; June 13.
Coat. A. Gruber. 138,111; June 13.
Coat. A. Gruber. 138,126; June 20.
Coat. A. Gruber. 138,197; July 4.
Coat. A. Gruber. 138,308; July 11.
Coat. A. Gruber. 139,654; Dec. 5.
Coat. S. Karson. 137,053; Jan. 18.
Coat. A. M. Katz. 136,982–3; Jan. 4.
Coat. L. Leventhal. 137,156; Jan. 25.
Coat. L. Morris. 136,956–7; Jan. 4.
Coat. A. Rauch. 139,182–3; Oct. 17.
Coat, Child's. B. Fischer. 138,973–4; Oct. 3.
Coat, Hooded. E. Bauer. 139,535; Nov. 28.
Coat, House. M. F. Hauck. 139,397; Nov. 7.
Coffee maker. J. W. Alsdorf. 138,362; July 25.
Coffee maker. F. E. Wolcott. 139,219; Oct. 24.
Coffee maker or the like. P. Schlumbohm. 138,561; Aug. 22.
Coffee makers, Handle for. J. M. Moore. 139,489; Nov. 21.
Coil adaptor, Distributor. V. W. Thomas. 138,095; June 13.
Coil, Heating. J. D. Landerman. 139,313; Oct. 31.
Comb. S. Behr. 138,243; July 11.
Comb. A. J. Desimone. 137,319; Feb. 22.
Comb. A. J. Desimone. 137,474; Mar. 14.
Comb. J. Jackson. 139,728; Dec. 12.
Comb. R. L. Motley. 139,693; Dec. 12.
Comb. B. S. Norton. 138,984; Oct. 3.
Comb. T. L. Wallas. 137,367; Feb. 22.
Comb and finger nail file, Combination. H. C. Torian. 137,721; Apr. 18.
Comb, Back. R. L. Motley. 137,784; Apr. 25.
Comb or the like. J. C. Foster. 139,278; Oct. 31.
Comb, Pocket. S. T. Nussbaum. 137,321; Feb. 22.
Comb, razor, and rule, Combined. V. R. Pileggi. 139,696; Dec. 12.
Commode. H. L. Johnson. 138,920; Sept. 26.
Commode, Infant's. J. Pannhausen and C. A. Raabe. 139,711; Dec. 12.
Compact. H. H. Canterbury and A. T. Stock. 139,277; Oct. 31.
Compact. W. B. Crane. 137,166; Feb. 1.
Compact. P. A. Derham. 139,513; Nov. 28.
Compact. W. M. Emery. 139,841; Dec. 26.
Compact. H. Morris. 139,428; Nov. 14.
Compact. J. Rubel. 138,859; Aug. 29.
Compact. M. V. Stertz. 137,032; Jan. 11.
Compact, Face powder. B. Kotsin. 138,199; July 4.
Compact or similar article. S. Dawer. 138,341; July 18.
Compact or similar article. H. Morris. 138,598; Aug. 22.
Compass, Drawing. J. J. Bruetsch. 138,129; June 20.
Compound tool. J. J. Addin. 137,631; Apr. 11.
Compressor. H. F. Hadley. 137,829; May 2.
Concrete form shoring tie unit. C. J. Schlafman. 137,252; Feb. 8.
Conduit spacer. W. H. D. Hinchman. 139,568; Nov. 28.
Confectionery product. H. J. Willems. 137,301; Feb. 15.
Connector, Electrical. W. L. Miller. 138,532; Aug. 15.
Container and closure, Combined. M. H. Sidebotham. 139,197; Oct. 17.
Container and dispenser, Combination cigarette. J. C. Eubank. 139,099; Oct. 10.
Container and dispenser, Combination cigarette. J. C. Eubank. 139,370; Nov. 7.
Container and holder, Combined cigarette. J. C. Eubank. 139,819; Dec. 26.
Container, Coffee straining. T. P. Kouvalis. 138,227; July 11.
Container, Cosmetic. M. L. Yarcho. 139,201; Oct. 17.
Container, Cosmetic. M. Yellin. 137,884; May 9.
Container, Dental plate. S. Gordon. 138,180; July 4.
Container, Food. V. D. Hiemenz. 137,262; Feb. 8.
Container for capsules, tablets, or similar articles. G. R. Laure. 137,512; Mar. 21.
Container for cosmetics or similar articles. J. Stengren. 137,549; Mar. 28.
Container for frozen products, Rectangular. L. A. M. Phelan. 137,890; May 9.
Container for pills and the like, Pocket. W. Lampl. 139,383; Nov. 7.
Container for soap dispensers. H. G. Mullett. 137,985; May 30.
Container, Glass candy. J. H. Millstein. 137,393; Feb. 29.
Container, Molded glass candy. T. H. Stough. 137,299; Feb. 15.
Container, Perfume. G. Bennett. 139,495. Nov. 21.

Container punching and liquid dispensing device or similar article, Combined. H. A. Bartalott. 139,741; Dec. 19.
Container, Separating. N. P. Miller. 137,617; Apr. 4.
Control box or similar article, Alarm. A. W. Fruh. 137,964; May 23.
Conveyer. W. W. Pabst. 139,042; Oct. 10.
Conveyer, Food. R. J. Baunach. 137,977; May 30.
Conveyer, Sectional cargo. H. B. Cohen. 137,370; Feb. 29.
Cooker, Portable barbecue. E. G. Eggleston. 138,897; Sept. 26.
Cooker, Pressure. J. H. Chandler and M. J. Zimmer. 139,234–5; Oct. 24.
Cooler and dispenser, Combined beverage. L. Giuriati. 138,363; July 25.
Cooler, Beverage. S. A. Conway. 138,139; June 27.
Cornice, curtain and drapery bracket, Combined. W. Lyons. 138,321; July 18.
Corsage or similar article. R. C. Jacobson and H. Leistner. 137,052; Jan. 18.
Corsage or similar article, Star. R. Dunie. 138,512; Aug. 15.
Counter, Display. R. H. Kress. 139,790. Dec. 19.
Countersink. C. W. Anderson. 137,170; Feb. 1.
Coupling or similar article, Joint. I. Ročić. 137,576; Mar. 28.
Coupling unit or similar article, Pipe. I. Ročić. 139,572; Nov. 28.
Coupon sorting and dispensing receptacle. J. H. Martin. 137,479; Mar. 21.
Cover, Book. L. E. Hopkins. 138,213; July 4.
Cover, Electrical terminal eyelet. H. G. A. Heit. 137,375; Feb. 29.
Cover for bottle urinal. C. J. Dexter. 137,385; Feb. 29.
Cover for pressure cookers or the like. E. J. Le Claire. 138,950; Sept. 26.
Cover for trash cans. J. H. Monson. 138,542; Aug. 15.
Cover or the like, Box. D. J. Faraggi. 138,838; Sept. 19.
Cover or the like, Game table. S. Edelson. 139,502; Nov. 21.
Cover, Saddle seat. A. M. Hughes. 137,051; Jan. 18.
Cover, Sash weight suspension pulley. J. Niedermeyer. 139,805; Dec. 26.
Cradle. F. H. Fink. 139,449; Nov. 14.
Cradle. J. M. Wade. 139,630; Dec. 5.
Cradle, Cooking vessel. S. T. Howard. 138,395; Aug. 1.
Cradle toy. E. Nudelman. 139,595; Dec. 5.
Crane or similar article, Portable. L. L. Hercik. 138,898; Sept. 26.
Crib and bassinet, Combined baby. D. C. Lanese. 137,982; May 30.
Crib, Foldable miniature Christmas. A. Ochs. 139,213; Oct. 24.
Crib, Foldable miniature Christmas. R. Schulhof. 138,660; Aug. 29.
Cubicle for electrical control panels. K. W. Couse. 139,434; Nov. 14.
Cue, Game. W. D. Roberts. 137,064; Jan. 18.
Cultivator. A. J. Grafman. 139,080; Oct. 10.
Cultivator. C. Orsett. 138,846; Sept. 19.
Cultivator. C. Orsett. 139,528; Nov. 28.
Cup and sponge, Combined sponge. J. A. Petrullo. 136,977; Jan. 4.
Cup dispenser and disposer unit, Drinking. H. B. Halt. 139,287; Oct. 31.
Cup or similar article. M. C. Ruskin. 139,077; Oct. 10.
Cup, Paper. S. A. Glivar. 138,727; Sept. 5.
Curler, Hair. S. Grant. 139,684; Dec. 12.
Curler, Hair. R. McFadden. 137,090; Jan. 18.
Curve ruler, Adjustable. P. T. Tomasini. 136,978; Jan. 4.
Cutoff machine, Abrasive. R. S. Condon. 138,206; July 4.
Cutter and ejector for biscuits, cookies, or the like, Combined. F. A. Johnson. 137,914; May 16.
Cutter, Metal. C. L. Beard. 137,923; May 16.
Cutting attachment for pencils or the like. H. Vuksich. 139,558; Nov. 28.
Cutting machine. W. A. Phillis. 138,606; Aug. 22.
Cutting tool. L. A. Smith. 137,607; Apr. 4.
Cutlery grinder guide and whetting disk, Combined. A. M. Jaccobson. 137,495; Mar. 21.
Dagger. N. H. Harstad. 137,451; Mar. 14.
Dart. P. C. P. Bonty. 137,804; May 2.
Dart game board. H. E. Pease. 138,118; June 20.
Decoy or like figure, Floating. J. F. Buffenbarger. 138,590; Aug. 22.
Decoy or like figure, Floating. W. A. Ringler. 138,600; Aug. 22.
Deflector, Urine. S. M. Bloom. 139,221; Oct. 24.
Dehydrator, Food. T. C. Smith. 137,468; Mar. 14.
Dehydrator for fruits, vegetables, or the like. F. L. Monroe. 137,659; Apr. 11.
Deodorant. S. Levy. 137,054; Jan. 18.
Deodoriser. W. E. Anderson. 139,038; Oct. 10.
Desk, Knee. H. P. Leatherman. 139,017; Oct. 3.
Desk or analogous article. J. E. Jones. 139,319; Oct. 31.
Desk unit, Combination. E. C. Gilman. 139,503; Nov. 21.
Desk unit, Combination. E. R. Posnack. 139,831–3; Dec. 26.
Device for holding capsules, pills, and the like. L. F. Lustig. 137,496; Mar. 21.
Device for training in cooperation and coordination. T. Miller. 138,214; July 4.
Diagnostic instrument. C. A. Ellis. 139,602; Dec. 5.
Dial and hand for clock or similar article, Combined. F. A. Winders. 137,506; Mar. 21.
Dial, Clock. A. L. Sprecker and M. Supa. 137,690; Apr. 18.
Dial for a timepiece. L. Y. Booharin. 137,404; Mar. 7.
Dial or similar article, Instrument. D. E. Dailey. 137,836; May 2.
Diamond or similar article, Brilliant cut. E. Goldstein. 137,163; Feb. 1.
Dickey. S. Mirsky. 139,554; Nov. 28.
Dickey or similar article. D. Rothman. 139,430; Nov. 14.
Die for forming metal sheets. J. H. Engel. 137,460; Mar. 14.
Diluter for motor crank case lubricants. T. Gallo. 136,951; Jan. 4.
Discharge device, Electron. P. G. Chevigny. 138,991; Oct. 3.
Discharge uptake for steam boilers. E. J. Mabrito. 137,830; May 2.
Dish, Egg. M. H. Shulman. 137,887; May 9.
Dish or similar article, Service. H. I. Kleinberg. 137,118; Jan. 25.
Dispenser, Beverage. H. C. Timmis. 139,232; Oct. 24.
Dispenser, Insecticide. L. J. Clark. 138,064; June 13.
Dispenser, or similar article, Condiment. M. L. Goldbert. 138,568; Aug. 22.
Dispenser or the like, Beverage. C. Pokol. 139,002; Oct. 3.
Dispenser, Toilet paper. C. F. Belshaw. 137,391–2; Feb. 29.
Dispenser, Token. H. E. Musselman and W. H. Buck. 138,746; Sept. 5.
Dispenser unit, Tape. M. Kahn. 139,665; Dec. 5.
Dispensing device, Coin. D. D. Kilcup. 137,284; Feb. 15.
Display and shipping container, Combined. P. E. Allen and E. W. Beatty. 137,266; Feb. 15.
Display board, Outdoor. R. M. Muecke. 137,604; Apr. 4.
Display box. L. P. Lazenby, J. A. Reeves, and W. T. Wayne. 137,190; Feb. 8.
Display device or similar article. M. E. Goldstein. 137,438; Mar. 14.
Display device or similar article, Fish. E. C. Lehman. 137,768; Apr. 25.
Display fixture, Merchandise. N. Peck. 137,164; Feb. 1.
Display stand for illustrated postal cards. E. Olszewski. 137,229; Feb. 8.
Display unit, Identification tag. P. H. Cohn. 137,535; Mar. 28.
Doll. A. J. Bressler. 139,593; Dec. 5.
Doll. J. E. Bryan. 138,073–4; June 13.
Doll. F. A. Cartee. 138,799; Sept. 12.
Doll. C. G. Davis. 139,458; Nov. 21.
Doll. C. Del Vecchio. 139,467; Nov. 21.
Doll. B. J. Donahue. 138,026; June 6.
Doll. F. F. Fullerton. 137,272; Feb. 15.
Doll. T. V. Fulton. 137,593; Apr. 4.
Doll. M. E. Granville. 137,678–9; Apr. 18.
Doll. V. E. McMahan. 139,465; Nov. 21.
Doll. M. G. Schoenherr. 139,350; Nov. 7.
Doll. N. M. Spiers. 138,445–6; Aug. 8.
Doll, Cardboard. F. B. Baker. 137,551; Mar. 28.
Doll or similar article. L. C. Asch. 137,903; May 16.
Doll or similar article. S. M. Chmielensky. 137,318; Feb. 22.
Doll or similar article. R. A. Gudt. 139,594; Dec. 5.
Doll or similar article. Z. Harpignies. 137,167; Feb. 1.
Doll or similar article. E. Rice. 138,399; Aug. 1.
Doll or similar article. M. Szrajer. 137,972; May 23.
Doll, Two-faced. K. Perper. 137,445; Mar. 14.
Dolly. C. S. McCann. 139,552–3; Nov. 28.
Door and push-grill, Combined. D. E. Walker. 137,663; Apr. 11.
Draft arm. S. D. Levings. 137,589; Apr. 4.
Drafting apparatus. W. H. Murphy. 137,749; Apr. 25.
Drafting device. W. G. Dentzler, Jr. 139,459; Nov. 21.
Drafting instrument. M. Macht. 139,083; Oct. 10.
Draw bar for harrows. B. Landen. 139,151; Oct. 17.
Drawer for a refrigerated locker system. W. M. Baird. 138,060; June 13.
Drawer unit for rotary storage bins. A. W. Mueller. 139,710; Dec. 12.
Dress. I. Aaronson. 137,395; Feb. 29.
Dress. P. Adler. 137,758–62; Apr. 25.
Dress. P. Adler. 137,847–53; May 2.
Dress. P. Adler. 137,934–6; May 16.
Dress. P. Adler. 138,070; June 13.
Dress. B. Cashin. 136,988; Jan. 4.
Dress. B. Cashin. 137,041; Jan. 11.
Dress. B. Cashin. 137,331; Feb. 22.
Dress. E. Fisk. 137,313; Feb. 15.
Dress. E. Fisk. 139,324; Oct. 31.
Dress. J. Frazita. 137,139–40; Jan. 25.
Dress. J. Frazita. 137,396; Feb. 29.
Dress. J. Frazita. 139,603–4; Dec. 5.
Dress. Z. Golden. 138,480–4; Aug. 8.
Dress. Z. Golden. 138,529; Aug. 15.
Dress. Z. Golden. 138,550–53; Aug. 15.
Dress. Z. Golden. 138,608–10; Aug. 22.
Dress. Z. Golden. 138,615–6; Aug. 22.

Dress. Z. Golden. 138,670–2; Aug. 29.
Dress. Z. Golden. 138,868; Sept. 19.
Dress. Z. Golden. 139,734–8; Dec. 12.
Dress. Z. Golden. 139,769–81; Dec. 19.
Dress. E. K. Graham. 139,782–5; Dec. 19.
Dress. A. Hoehberg. 137,107; Jan. 18.
Dress. L. Hodhadan. 138,418–20; Aug. 1.
Dress. B. Hurwits. 138,717; Sept. 5.
Dress. R. R. Kass. 137,314; Feb. 15.
Dress. S. Kuznets. 138,347–9; July 18.
Dress. S. Kuznets. 138,531; Aug. 15.
Dress. S. Kuznets. 139,290–2; Oct. 31.
Dress. F. Laye. 137,185; Feb. 1.
Dress. S. Litt. 138,674–7; Aug. 29.
Dress. M. K. McClintock. 139,115–22; Oct. 10.
Dress. M. McCoy. 137,748; Apr. 25.
Dress. M. McCoy. 137,769–73; Apr. 25.
Dress. M. McCoy. 137,854–8; May 2.
Dress. M. McCoy. 139,107–12; Oct. 10.
Dress. D. Minchenberg. 138,215; July 4.
Dress. D. Minchenberg. 138,282; July 11.
Dress. L. Morris. 136,990–4; Jan. 4.
Dress. G. J. Pollack. 137,432; Mar. 7.
Dress. K. Rost. 137,467; Mar. 14.
Dress. K. Rost. 138,538; Aug. 22.
Dress. K. Rost. 138,719; Sept. 5.
Dress. K. Rost. 139,732; Dec. 12.
Dress. R. Ryan. 138,284; July 11.
Dress. S. Salsky. 138,176; June 27.
Dress. B. Sheinbaum. 138,685; Aug. 29.
Dress. B. Sheinbaum. 138,783; Sept. 12.
Dress. B. Sheinbaum. 139,491; Nov. 21.
Dress. J. Smith. 137,397–401; Feb. 29.
Dress. J. Smith. 137,559; Mar. 28.
Dress. J. Smith. 137,574; Mar. 28.
Dress. J. Smith. 138,721–3; Sept. 5.
Dress. J. Smith. 139,027; Oct. 3.
Dress. H. H. Stahl. 138,487; Aug. 8.
Dress. M. G. Stein. 138,414; Aug. 1.
Dress. M. G. Stein. 139,454; Nov. 14.
Dress. T. Tilton. 137,931; May 16.
Dress. A. Traina. 137,186–9; Feb. 1.
Dress. L. Vincenso. 138,479; Aug. 8.
Dress. J. Walker. 137,113–14; Jan. 18.
Dress. J. Walker. 137,149; Jan. 25.
Dress. J. Walker. 137,190–3; Feb. 1.
Dress. J. Walker. 137,366; Feb. 22.
Dress. J. Walker. 137,456–7; Mar. 14.
Dress. J. Walker. 137,776; Apr. 25.
Dress. J. Walker. 138,132; June 20.
Dress. J. Walker. 138,618; Aug. 22.
Dress. J. Walker. 138,724–5; Sept. 5.
Dress. J. Walker. 139,456; Nov. 14.
Dress. J. Walker. 139,733; Dec. 12.
Dress. E. Wilkens. 137,562–4; Mar. 28.
Dress. E. Wilkens. 137,566; Mar. 28.
Dress. E. Wilkens. 137,690; Apr. 4.
Dress. E. Wilkens. 137,723; Apr. 18.
Dress. E. Wilkens. 138,426–7; Aug. 1.
Dress. E. Wilkens. 138,430–1; Aug. 1.
Dress. B. Zahn. 137,194–6; Feb. 1.
Dress. B. Zahn. 137,507; Mar. 21.
Dress. B. Zahn. 137,575; Mar. 28.
Dress. B. Zahn. 138,488–90; Aug. 8.
Dress. B. Zahn. 138,556; Aug. 15.
Dress. B. Zahn. 138,869; Sept. 19.
Dress. B. Zanderer. 137,976; May 23.
Dress ensemble. M. McCoy. 139,113; Oct. 10.
Dress ensemble. A. Traina. 137,189; Feb. 1.
Dress ensemble. A. Traina. 137,253; Feb. 8.
Dress ensemble. A. Traina. 137,315; Feb. 15.
Dress ensemble. E. Wilkens. 138,428–9; Aug. 1.
Dress, Sleeveless. E. Pransky. 137,975; May 23.
Dress, Sun-back. T. Leser. 139,739; Dec. 12.
Dress, Two-piece. A. Kohlhepp. 138,718; Sept. 5.
Dresser for grinding wheels or the like. H. C. Stoll. 138,547; Aug. 15.
Dresser, vanity, and desk, Combination. A. C. Rindskopf. 139,714; Dec. 12.
Drier, Clothes. H. S. Aaronson. 137,368; Feb. 29.
Drier or the like, Hair. H. S. Preble, Jr. 138,044; June 6.
Drill and counterbore, Combined. L. A. Smith. 139,844; Dec. 26.
Drill and cutter. H. C. Wilson. 138,850; Sept. 19.
Drill attachment, Angle. W. J. Crump. 139,742; Dec. 19.
Drilling attachment. G. A. Terry. 139,795–7; Dec. 19.
Driving unit with remote position indicator, Manual and motor. W. P. Lear. 139,252; Oct. 24.
Duster, Hand. K. J. Lewis and E. S. Bettinger. 137,124; Jan. 25.
Earring. M. Chernow. 137,237–45; Feb. 8.
Earring. R. D. Corke. 137,578; Apr. 4.
Earring. C. A. Furst. 138,332; July 18.
Earring. A. Kats. 139,686–7; Dec. 12.
Earring. A. Philippe. 137,688–9; Apr. 18.
Earring. A. Philippe. 138,518–19; Aug. 15.
Earring. A. Philippe. 138,922; Sept. 26.
Earring or similar article. N. Brooks. 139,165; Oct. 17.
Earring or similar article. W. W. Hobé. 138,931; Sept. 26.
Earring or similar article. W. W. Hobé. 139,583; Nov. 28.
Earring or similar article. F. E. Karples. 138,956; Oct. 3.
Earring or similar article. D. Kritzler. 138,299; July 11.
Earring or similar article. H. Morris. 137,871; May 9.
Earring or similar article. J. Rubel. 137,311; Feb. 15.
Easel and frame, Combined. J. Halpern. 137,047; Jan. 18.
Educational device. J. V. Horr. 138,225; July 11.
Eductor, Liquid. P. Berman. 138,244; July 11.
Electric fan and heater, Combined. L. B. Green. 137,596; Apr. 4.
Electric fence energiser. L. J. Schilling. 137,251; Feb. 8.
Electric hot plate. J. Springwell. 139,751; Dec. 19.
Electric motor and manually operated drive unit, Combined. W. P. Lear. 138,776; Sept. 12.
Electric range, or similar article. E. B. Marshall. 138,924; Sept. 26.
Electric sanding machine or the like. S. A. Crosby. 138,567; Aug. 22.
Electrode holder. G. E. Reynolds. 139,672; Dec. 5.
Electrolytic water correction device, Self-energising. E. M Butler. 139,134; Oct. 10.
Electrolytic water purifier. T. C. Jones. 137,634; Apr. 11.
Electron discharge device. C. V. Litton. 138,601; Aug. 22.
Embroidered trimming or similar article. H. Tobler. 137,215–19; Feb. 8.
Embroidered trimming or similar article. H. Tobler. 137,650–1; Apr. 11.
Embroidered trimming or the like. J. Wiener. 137,691; Apr. 18.
Engine, Miniature. T. R. Arden. 138,211; July 18.
Engine starter. R. M. Heintz. 137,665; Apr. 11.
Engine starter supporting frame, Aircraft. D. J. Conant. 137,862; May 9.
Ensemble, Dress. L. Morris. 136,995; Jan. 4.
Ensemble, Dress. E. Wilkens. 139,122–3; Oct. 10.
Envelope or similar article, Package. L. L. Salfisberg. 138,697–8; Sept. 5.
Enveiope or similar article, Package. L. L. Salfisberg. 138,754; Sept. 5.
Eraser or similar article, Pencil. R. L. Atkinson. 138,296; July 11.
Eraser or the like. G. L. Estes. 137,706; Apr. 18.
Escutcheon plate for a radio receiver. C. A. Peterson. 137,625; Apr. 4.
Exerciser, Foot and body. H. L. Cox. 138,340; July 18.
Exerciser or similar article, Child's. I. R. Heinsel. 137,809; May 2.
Exercising apparatus. O. Stamm. 137,646; Apr. 11.
Exploring and examining device, Wall interior. C. B. Downing. 138,690; Sept. 5.
Extractor, Cork. C. Hiscock. 139,160; Oct. 17.
Extractor, Fruit juice. H. J. Talge. 137,210; Feb. 8.
Extractor, Juice. H. C. Johnson. 138,983; Oct. 3.
Extractor, Juice. H. J. Talge. 139,845; Dec. 26.
Eyeglasses. B. S. Norton. 139,613; Dec. 5.
Eyepiece unit for attachment to a microscope, Profile testing. E. Fuchs. 138,942; Sept. 26.
Eye shield and respirator, Combined. J. E. Du Bois. 137,197; Feb. 8.
Fabric, Embroidered. L. H. Hollander. 139,685; Dec. 12.
Fabric or similar article, Articulated. R. Appel. 137,828; May 2.
Fabric or similar article, Liturgical. A. Baumgartner. 137,092–3; Jan. 18.
Fabric or similar article, Liturgical. A. Baumgartner. 137,919–22; May 16.
Fabric or similar article, Liturgical. A. Baumgartner. 138,835; Sept. 19.
Fabric or similar article, Textile. J. S. Madsen. 137,310; Feb. 15.
Fabric or similar article, Textile. T. C. Muller and J. B. Wimer. 137,379; Feb. 29.
Fabric or similar article, Textile. W. D. Roberson. 137,308; Feb. 15.
Fabric or similar article, Textile. C. Rosenstein. 137,802; May 2.
Fabric or similar article, Textile. C. Rosenstein. 137,817–19; May 2.
Fabric or similar article, Textile. C. Rosenstein. 138,092; June 13.
Fabric or similar article, Textile. C. Rosenstein. 139,215; Oct. 24.
Fabric or similar article, Textile. C. Rosenstein. 139,723–7; Dec. 12.
Fabric, Textile. M. Christen. 137,309; Feb. 15.
Fabric, Textile. M. Christen. 139,448; Nov. 14.
Fabric, Textile. L. L. Frank. 139,279–84; Oct. 31.
Fabric, Textile. L. L. Frank. 139,581–2; Nov. 28.
Fabric, Textile. A. M. Kemper. 137,932; May 16.
Fabric, Textile. A. M. Kemper. 138,057; June 6.
Fabric, Textile. A. M. Kemper. 138,084; June 13.
Fabric, Textile. A. M. Kemper. 138,253–4; July 11.
Fabric, Textile. J. E. Maisch. 137,055–9; Jan. 18.
Fabric, Textile. E. J. McLaughlin. 137,783; Apr. 25.
Fabric, Textile. E. J. McLaughlin. 137,859; May 2.
Fabric, Textile. E. Raphaels. 139,129; Oct. 10.
Fabric, Textile. H. W. Wilde. 137,758–6; Apr. 25.
Fabric, Woven textile. J. L. Walther. 137,504; Mar. 21.

Fabric, Woven textile. J. L. Walther. 138,301–2; July 11.
Fan. J. P. T. Donahue. 137,304; Feb. 15.
Fan, guide, and whetting disk, Combined cutlery grinder. A. M. Jacobson. 139,608; Dec. 5.
Fastener, Blasting cap. F. H. Rolfes. 138,683; Aug. 29.
Fastener, Fuse cap. F. H. Rolfes. 137,618; Apr. 4.
Faucet. B. N. Trombley. 139,254–5; Nov. 7.
Faucet, Dispensing. F. C. Plent. 139,827; Dec. 26.
Feeding and play table, Child's. A. E. Puis and E. R. Swenson. 137,875; May 9.
Fence tester, Electric. S. A. Moore. 137,713; Apr. 18.
Ferrule for binoculars. C. J. Glasser. 138,816; Sept. 19.
Figure, Animal. F. F. Golkowski. 138,514; Aug. 15.
Figure wheeled toy. E. Peruggi. 139,196; Oct. 17.
Figurine. C. M. McCullough. 139,084–5; Oct. 10.
Figurine. A. Robinson. 139,423; Nov. 14.
Figurine. A. Robinson. 139,656; Dec. 5.
Film viewer. W. O. and G. B. Schwartz. 137,988; May 30.
Filter for coffee makers. A. J. Peterson. 139,214; Oct. 24.
Fire extinguisher, Hand. H. C. Smith. 139,391; Nov. 7.
Fish bait, Artificial. R. R. and M. Moblo. 138,088; June 13.
Fish lure. I. L. and L. E. Douglass. 138,415; Aug. 1.
Fish lure. S. Jorgensen. 139,655; Dec. 5.
Fish lure. E. Simpson. 137,876; May 9.
Fishing fly body. K. D. Richards. 138,381; July 25.
Fishing lure. B. H. Hatcher. 138,496; Aug. 15.
Fishing pole. T. R. Biando. 139,078; Oct. 10.
Fishing rod butt, harness and reel fastener, Combined. C. H. Matson. 139,320; Oct. 31.
Fishing tackle, Deep water. A. E. Thompson. 137,502; Mar. 21.
Fixture for holding a thread-cutting tool, or the like, while grinding the cutting end thereof. H. C. Wilson. 138,368; July 25.
Fixture, Light. C. D. McCann. 138,830–1; Sept. 19.
Flag. L. Hambrock. 139,081; Oct. 10.
Flag. L. C. Seelbach. 139,251; Nov. 7.
Flag. H. J. Tompkins. 139,205; Oct. 17.
Flageolet. J. Thompson. 139,332; Oct. 31.
Flashlight. D. Chapman. 139,322; Oct. 31.
Flashlight. D. Chapman. 139,577; Nov. 28.
Flashlight. D. Chapman. 139,628; Dec. 5.
Flashlight. J. W. Kinney, Jr. 139,550; Nov. 28.
Flashlight. C. S. Packer. 137,296; Feb. 15.
Flashlight and luminous attachment therefor, Combined. E. Cogan. 138,120; June 20.
Flashlight, Hand operated generator. C. S. Nicoud. 137,394; Feb. 29.
Flashlight or like article. J. G. Lippincott. 137,264; Feb. 8.
Flashlight or like article. J. G. Lippincott. 139,441–2; Nov. 14.
Flask and handle for a coffee-maker or the like, Combined. P. Schlumbohm. 137,943; May 23.
Flatiron, Electric. H. L. Laylon. 137,338; Feb. 22.
Flatiron or the like. E. J. Fitzgerald. 138,048; June 6.
Flowerpot. C. S. Kohler. 136,954; Jan. 4.
Flowerpot and holder, Combined. J. W. Hill. 137,049–50; Jan. 18.
Flowerpot and stand, Combined. A. S. Kaplan. 137,106; Jan. 18.
Flute. J. Thompson. 139,333; Oct. 31.
Folder, Match. R. C. Torian. 137,355; Feb. 22.
Folder or the like, Bond. J. Moses. 137,363; Feb. 22.
Folder, Photograph. E. E. Koch. 137,656; Apr. 11.
Font of type. J. A. Herbst. 137,655; Apr. 11.
Font of type. A. C. Jiménez. 137,212; Feb. 8.
Font of type. A. Stone. 139,156–7; Oct. 17.
Font of type or the like. E. Cirlin. 139,190; Oct. 17.
Food chopper. H. A. Wormeck. 137,023; Jan. 11.
Food machine or similar article, Household. A. T. Deutsch. 139,848; Dec. 26.
Foot rest. S. S. Sadler. 139,504; Nov. 21.
Fork or analogous article. M. H. Shulman. 137,606; Apr. 4.
Fork of other article of flatware. P. Vitolo. 137,880; May 9.
Fork, Pickle. J. F. Brown. 138,137; June 27.
Fork, Picnic. C. L. Osborn. 138,732; Sept. 5.
Fountain for fowls, Drinking. R. R. Setzer. 138,103; June 13.
Fowl killing device. A. Silfen. 137,989; May 30.
Frame and advertising mount, Combined insignia easel picture. S. E. Parker. 138,747; Sept. 5.
Frame, Collapsible picture. H. Weil, Jr. 137,069; Jan. 18.
Frame, Eyeglass. J. Bendix and E. Halouze. 138,219; July 11.
Frame for a handbag or similar article. J. De Pasquale and A. Westerman. 138,509; Aug. 15.
Frame for an engine starter, Motor. R. M. Heintz. 137,629; Apr. 4.
Frame for mirrors, pictures, and the like. D. M. Blanchette. 137,910; May 16.
Frame for pictures, mirrors, and the like. D. M. Blanchette. 137,533; Mar. 28.
Frame for spectacles. A. Di Chiara. 137,044; Jan. 18.
Frame, Handbag. J. De Pasquale and A. Westerman. 138,986; Oct. 3.
Frame, Handbag. R. Lobel. 139,525–6; Nov. 28.
Frame, Handbag. R. Lobel. 139,745; Dec. 19.
Frame, Optical. E. Salvage. 138,576; Aug. 22.
Frame, Optical. R. Weber and E. Salvage. 138,148; June 27.
Frame or similar article, Picture. H. Bush. 138,393; Aug. 1.
Frame or similar article, Picture. S. Cirkinian. 138,504–5; Aug. 15.
Frame or similar article, Picture. J. C. Eubank. 138,814; Sept. 19.
Frame or similar article, Picture. J. C. Eubank. 139,158; Oct. 17.
Frame or similar article, Picture. J. C. Eubank. 139,248; Nov. 7.
Frame or similar article, Picture. J. C. Eubank. 139,309; Oct. 31.
Frame or similar article, Picture. M. E. Gabriel. 138,815; Sept. 19.
Frame or similar article, Picture. M. E. Gabriel. 139,470; Nov. 21.
Frame or similar article, Spectacle. I. Fishberger, H. Weinstein, and S. Levine. 139,820; Dec. 26.
Frame or similar article, Spectacle. S. Kaesz. 137,320; Feb. 22.
Frame or similar article, Spectacle. E. Pappert. 137,481; Mar. 21.
Frame or similar article, Spectacle. E. Pappert. 138,823; Sept. 19.
Frame, Picture. J. S. Cushman. 139,166; Oct. 17.
Frame, Picture. J. C. Eubank. 138,914; Sept. 26.
Frame, Picture. Alvin Frilot. 138,027; June 6.
Frame, Picture. D. L. Hicks. 137,182; Feb. 1.
Frame, Picture. D. L. Hicks. 137,995; May 30.
Frame, Picture. D. Karp. 139,786; Dec. 19.
Frame, Picture. M. D. Moglen. 137,497–8; Mar. 21.
Frame, Picture. J. A. Morehead. 137,475; Mar. 14.
Frame, Picture. N. C. Ratner. 138,847; Sept. 19.
Frame, Picture. P. A. Spaldo. 138,526; Aug. 15.
Frame, Purse. R. F. Roberts. 138,780; Sept. 12.
Frame, Spectacle. A. E. Grossman. 137,132; Jan. 25.
Frame, Spectacle. E. Rey. 137,751–3; Apr. 25.
Frame, Spectacle. V. Salierno. 139,500; Nov. 21.
Frame, Window. P. K. Hosken. 137,305; Feb. 15.
Frame, Woman's hat. M. Gross. 138,314–16; July 18.
Furnace. E. H. Ryden. 138,614; Aug. 22.
Furniture unit, Convertible. J. Randolph. 137,515; Mar. 21.
Game board. V. Brittingham. 138,736; Sept. 5.
Game board. L. N. Cheek. 137,486; Mar. 21.
Game board. L. N. Cheek. 139,801; Dec. 26.
Game board. W. A. Dubay. 137,174; Feb. 1.
Game board. I. S. Ellicott and E. W. Silber. 138,705; Sept. 5.
Game board. I. S. Ellicott and E. W. Silber. 139,519; Nov. 28.
Game board. D. B. Fogelson. 127,524; Mar. 28.
Game board. J. I. Galantin. 137,594; Apr. 4.
Game board. A. W. Glenn. 138,223; July 11.
Game board. F. C. Hamilton. 137,026; Jan. 11.
Game board. P. D. Haynes. 138,407; Aug. 1.
Game board. L. T. Kennedy. 139,312; Oct. 31.
Game board. W. P. McGrath. 137,838; May 2.
Game board. F. O. Paige. 137,786; Apr. 25.
Game board. R. Paul. 139,194; Oct. 17.
Game board. N. S. Rose. 138,905; Sept. 26.
Game board. E. Schweid. 138,684; Aug. 29.
Game board. C. A. Setterstedt. 139,372; Nov. 7.
Game board. C. H. Taylor. 136,962; Jan. 4.
Game board. F. G. Triay. 137,722; Apr. 18.
Game board. G. O. Tweed. 138,928; Sept. 26.
Game board. J. L. Uhlik. 137,382; Feb. 29.
Game board. K. W. White. 137,424; Mar. 7.
Game board. G. G. Widen. 138,989; Oct. 3.
Game board. H. F. Woodward and F. J. Hickling. 139,220; Oct. 24.
Game board, Dart. H. E. Pease. 139,807; Dec. 26.
Game board, Dart. J. S. Tremper. 137,907; May 16.
Game board or similar article. J. Dorfman. 138,646; Aug. 29.
Gameboard or similar article. T. D. Pitts. 137,482; Mar. 21.
Game board or similar article. V. A. R. Primavera. 137,287; Feb. 15.
Game board or similar article, Target. C. H. Churchill. 139,403; Nov. 14.
Game board, Target. B. B. Baldwin. 137,072; Jan. 18.
Game board, Target. E. B. Taylor. 138,272; July 11.
Game device. H. E. Anderson. 139,207; Oct. 24.
Game device. J. F. Martin, Jr. 138,378; July 25.
Game device. W. H. Mercer. 137,307; Feb. 15.
Game device. C. L. Myers. 137,420; Mar. 7.
Game device, Ball tossing and catching. J. J. Sanders. 138,360; July 18.
Game device, Catball. T. R. Schlitz. 138,093; June 13.
Game device, Fish pond. P. H. Tafelski. 138,805; Sept. 12.
Game device or similar article. E. S. Lowe. 137,601; Apr. 4.
Game target, Quoit. E. G. Schumacher. 137,209; Feb. 8.
Game target, Quoit. E. G. Schumacher. 139,597–8; Dec. 5.
Game unit or similar article. E. S. Lowe. 137,602; Apr. 4.
Gauge, Air. L. R. Mehlman. 139,023; Oct. 3.

Gauge and safety valve unit for rubber boats or the like, Combined. W. B. Kochner and L. T. Ward. 138,421; Aug. 1.
Gauge for size measurement or the like. W. F. Aller. 137,316; Feb. 22.
Gauge handle. R. E. Snyder. 139,750; Dec. 19.
Gauge or similar article, Pipe. J. E. Levin. 139,611; Dec. 5.
Gauge, Spring testing. R. E. Conover. 139,703; Dec. 12.
Gimbal. E. W. Drescher. 137,739; Apr. 25.
Glass and paper weight, Combined magnifying. B. Lubow. 138,678; Aug. 29.
Glass, Magnifying. J. M. Mangan. 138,516; Aug. 15.
Glass or similar article, Whiskey. A. F. Mason. 137,994; May 30.
Glass or the like, Drinking. A. J. F. Erbe. 138,627–39; Aug. 29.
Globe, Astronomical. G. B. Eisler. 137,676; Apr. 18.
Goblet or similar article. C. J. Uhrmann. 137,211; Feb. 8.
Goggle. E. M. Splaine. 138,545; Aug. 15.
Goggle or the like, Sun. H. C. Richards. 139,410; Nov. 14.
Goggle or the like, Sun. B. Ulvad. 139,414; Nov. 14.
Goggles, Dog. J. E. Guernsey. 137,597; Apr. 4.
Goggles, Safety. H. Moss and J. N. Rosenthal. 138,889; Sept. 26.
Golf club. J. J. Jakosky. 137,283; Feb. 15.
Golf club head. J. J. Jakosky. 137,863; May 9.
Golf club head. R. A. Link. 138,437–9; Aug. 8.
Golf club head. R. A. Link. 138,441–2; Aug. 8.
Golf club head. L. Myers and E. H. Gartner. 138,380; July 25.
Golf club head. H. P. G. Newsome. 137,813–16; May 2.
Golf club putter head. R. A. Link. 138,440; Aug. 8.
Gown, Maternity. B. C. Waters. 137,290; Feb. 15.
Grater, shredder, and cutter, Combination. N. K. Morris. 137,796; May 2.
Grave marker. J. Rasmussen. 137,421; Mar. 7.
Greenhouse. T. E. King. 138,728; Sept. 5.
Grill, Outdoor. H. W. Lormor. 139,230; Oct. 24.
Grinder and surfacer, Combined disk. A. J. Bowen. 138,969–71; Oct. 3.
Grinding machine. J. C. Wilson. 137,121; Jan. 25.
Guard for toilet seat, Deflector. C. Epstein and E. R. Neuberg. 138,813; Sept. 19.
Guard, Lamp. N. R. Schwartz. 137,834; May 2.
Guard or similar article, Portable lamp. C. J. Hoffman. 139,756–8; Dec. 19.
Guard, Pen and pencil. F. Calderon, Jr. 138,645; Aug. 29.
Guide for fishing rods, Line. W. I. Treadway. 139,411; Nov. 14.
Gyro, Directional. R. M. Heintz. 139,426; Nov. 14.
Hairbrush. F. H. Lotters. 137,635; Apr. 11.
Hairpin. M. T. Skinner. 139,297; Oct. 31.
Hammer spur for a pistol or similar article, Offset. J. F. Jack. 138,504–5; Aug. 22.
Hammer, Tack. C. W. Kerr. 137,915; May 16.
Handbag. E. Cohan. 137,789; May 2.
Handbag. E. de Kolb. 139,335; Nov. 7.
Handbag. E. de Kolb. 139,680–2; Dec. 12.
Handbag. J. Goldberg. 139,606; Dec. 5.
Handbag. F. X. Hiltenbrand. 139,243–4; Oct. 24.
Handbag. F. X. Hiltenbrand. 139,282; Nov. 7.
Handbag. I. Joiles. 137,666; Apr. 11.
Handbag. I. Joiles. 137,864; May 9.
Handbag. L. C. Levine. 139,825; Dec. 26.
Handbag. J. C. Marks. 137,228; Feb. 8.
Handbag. H. Morris. 138,076; Oct. 10.
Handbag. W. D. Phelps. 137,969; May 23.
Handbag. I. Pichel. 137,431; Mar. 7.
Handbag. I. Pichel. 138,543; Aug. 15.
Handbag. F. H. Rath. 139,697–8; Dec. 12.
Handbag. D. Rubin. 138,906; Sept. 26.
Handbag. N. and M. Sloane. 138,049; June 6.
Handbag. N. and M. Sloane. 138,069; June 13.
Handbag. M. M. Warner. 139,765; Dec. 19.
Handbag. P. E. Westmore. 137,070; Jan. 18.
Handbag and hat, Combined. D. Rubin. 139,371; Nov. 7.
Handbag frame or similar article. J. Halpern. 138,157; June 27.
Handbag, Lady's. I. Basser and G. Pins. 138,449; Aug. 8.
Handbag, Lady's. M. R. Norton. 139,612; Dec. 5.
Handbag or similar article. S. Gordon. 139,039; Oct. 10.
Handbag or similar article. J. Halpern. 138,649; Aug. 29.
Handbag or similar article. J. C. Marks. 137,378; Feb. 20.
Handbag or similar article. J. C. Marks. 138,097; June 13.
Handbag or similar article, Lady's. B. R. Brody. 137,619; Apr. 4.
Handbag or similar article, Lady's. B. R. Brody. 138,940; Sept. 26.
Handbag or similar article, Slide fastening. J. Halpern. 137,048; Jan. 18.
Handkerchief. E. J. Gassett. 138,332; July 18.
Handkerchief or similar article. A. Mogabgab. 138,903; Sept. 26.
Handkerchief or similar article. W. S. Mogabgab. 138,902; Sept. 26.
Handle. W. Van Prooyen. 139,316; Oct. 31.
Handle, Actuator. J. F. Mellecher. 138,222; July 18.
Handle, Filing cabinet. R. A. Stone. 138,910; Sept. 26.
Handle, Filing cabinet. R. A. Stone and C. W. Carlson. 138,909; Sept. 26.
Handle for a lawn mower. H. L. Schofield. 137,929; May 16.
Handle for an automobile spotlight. M. A. Tornblom. 137,823; May 2.
Handle for cooking vessels or the like. N. Sheaffer. 139,657; Dec. 5.
Handle for firearms, Bolt operating. H. F. Moomberg. 139,328; Oct. 31.
Handle, Furniture. E. W. North and R. A. Stone. 138,904; Sept. 26.
Handle, Implement. M. P. Laughlin. 139,475; Nov. 21.
Handle, Kitchen utensil. H. R. Ellinwood. 139,768; Dec. 19.
Handle, Locker lift. R. A. Stone. 138,911; Sept. 26.
Handle, Locker lift. R. A. Stone and C. W. Carlson. 138,908; Sept. 26.
Handle or similar article, Saw. A. G. Wickbergh. 139,218; Oct. 24.
Handle, Tool. H. H. Moeller. 138,655; Aug. 29.
Handle unit, Control. W. J. Turnbull. 139,259; Oct. 24.
Hangar, Airplane. W. B. Larkin. 139,082; Oct. 10.
Hangar, Airplane. K. E. Van Scoy. 138,447; Aug. 8.
Hanger, Child's garment. I. Rappaport. 139,713; Dec. 12.
Hanger, Coat. E. S. Schneider. 139,843; Dec. 26.
Hanger, Garment. E. E. Burr. 138,075; June 13.
Hanger, Garment. W. Jaffa. 138,117; June 20.
Hanger, Garment. J. H. Rotherame. 138,432; Aug. 8.
Hanger, Plate. F. J. Petzke. 137,205; Feb. 8.
Hat. F. Adams. 137,471; Mar. 14.
Hat. M. A. Dannenberg. 139,008; Oct. 3.
Hat. G. Howard Hodge. 136,972–4; Jan. 4.
Hat. G. Howard Hodge. 137,067; Jan. 18.
Hat. G. H. Hodge. 137,346–8; Feb. 22.
Hat. G. H. Hodge. 138,951; Sept. 19.
Hat. G. H. Hodge. 138,943; Sept. 26.
Hat. J. C. Marks. 137,358; Feb. 22.
Hat. J. C. Marks. 137,540; Mar. 28.
Hat. P. M. Maxwell and W. J. Russy. 138,042; June 6.
Hat. A. Reinsberg. 139,616; Dec. 5.
Hat. M. Solash. 138,328; July 18.
Hat. A. A. Syndek. 138,624; Sept. 19.
Hat, Lady's. E. A. Matles. 137,454; Mar. 14.
Hat or similar article. E. Deutsch. 139,566; Nov. 28.
Hat or similar article. J. Schoor. 138,607; Aug. 22.
Hat, Woman's. E. F. Scheppler. 139,613; Dec. 5.
Head for a lawn mower. H. L. Schofield. 137,930; May 16.
Head for a retinoscope or the like. C. A. Ellis. 139,497; Nov. 21.
Head for an ophthalmoscope or the like. C. A. Ellis. 139,498; Nov. 21.
Head for an otoscope or the like. C. A. Ellis. 139,496; Nov. 21.
Head for venetian blinds. C. J. Van Buren. 138,967; Oct. 3.
Head for wrecking tool or the like. C. A. Pate. 137,063; Jan. 18.
Head, Golf club. J. J. Jakosky. 139,462–3; Nov. 21.
Hearing aid unit. H. W. Darr. 139,704; Dec. 12.
Hearing aid unit. K. Emde. 137,293; Feb. 15.
Heat dispersing device to aid in cooking. J. A. Brem. 138,062; June 13.
Heat exchanger, Chimney type. F. M. Young and W. V. Astrup. 137,258; Feb. 8.
Heat sealer, Pinch type. C. Usinger. 138,005; May 30.
Heater, Domestic water. E. E. Koppel. 137,149–5; Jan. 25.
Heater, Hot water. E. H. Stempel. 138,546; Aug. 15.
Heater, Portable electric. J. J. Gough. 138,978; Oct. 3.
Heater, Radiant. J. O. Reinecke. 137,233; Feb. 8.
Heater, Stock tank. J. K. Newell. 138,554; Aug. 15.
Heel, Rubber. R. E. Sannar. 139,501; Nov. 21.
Heel, Shoe. C. H. Shuford. 136,960; Jan. 4.
Helicopter. S. A. Barshefski. 138,034; June 6.
Helicopter. M. Bates. 139,424; Nov. 14.
Helicopter. P. M. Lewis. 139,021; Oct. 3.
Helicopter. I. I. Sikorsky. 138,045; June 6.
Helicopter. W. B. Stout. 139,432; Nov. 14.
Helicopter. G. W. Walker. 139,632; Dec. 5.
Helmet. H. G. Bydenham. 137,890; Feb. 29.
Helmet, Plastic safety. W. B. Zerfahr and V. J. Berardino. 138,796; Sept. 12.
Hinge, Cabinet door. D. J. Greiling. 139,227; Oct. 24.
Hobbyhorse. C. F. Brown. 139,800; Dec. 26.
Hobbyhorse. P. F. and E. C. Gosswein. 137,280; Feb. 15.
Hobby-horse. E. Hellwegen. 138,063; June 13.
Hoe unit or the like, Rotary. G. E. Karl. 138,712; Sept. 5.
Hoist, Pull chain. J. M. Little. 138,597; Aug. 22.
Holder, Baby bottle. B. B. Singer. 139,294; Oct. 31.
Holder, Cable. T. H. Harris. 138,730; Sept. 5.
Holder, Camera. R. C. Swanson. 137,483–4; Mar. 21.
Holder, Candle. E. S. Cornell, Jr. 139,097; Oct. 10.
Holder, Cigarette. G. E. Carson. 139,321; Oct. 31.
Holder, Cigarette. E. F. Needham. 137,933; May 16.
Holder, Cigarette. M. F. Zelinski. 137,285; Feb. 8.

Holder, Combined lighting fixture and ornament. F. I. Szalla. 138,927; Sept. 26.
Holder, Cup. I. J. Nudelman. 139,295; Oct. 31.
Holder, Cup. J. L. O'Connell and J. H. Thiery. 137,129; Jan. 25.
Holder, Dental floss. C. L. Fairbanks. 137,450; Mar. 14.
Holder, Electric welding rod. F. E. Trinajstich. 137,520; Mar. 21.
Holder, Electrode. L. J. Nellis. 138,408; Aug. 1.
Holder, Flower. E. C. Matignon. 139,315; Oct. 31.
Holder, Flowerpot. F. Cardelli. 139,318; Oct. 31.
Holder for badge, pencils, and the like. W. A. Sherbondy. 137,718; Apr. 18.
Holder for bottles. H. G. Jackson. 137,810; May 2.
Holder for habit forming charts. G. Bales. 137,137; Jan. 25.
Holder for lenses. S. Galper. 137,730; Apr. 25.
Holder for machine tool cutters. H. C. Wilson. 137,803; May 2.
Holder for narrow fabrics. E. Funke. 138,116; June 20.
Holder for parking meter change. J. S. MacDonnell. 138,397; Aug. 1.
Holder for ration books and tokens or the like. K. Aranoff, L. L. Lavant, and L. W. Arkin. 138,131; June 20.
Holder for receipt pads or the like. P. Howard. 137,950; May 23.
Holder for smoker's article and memorandum accessories, Combined. J. E. Newton. 138,090; June 13.
Holder, Necktie. P. A. Crook. 137,436; Mar. 14.
Holder or similar article, Flower. M. L. Mullineaux. 139,212; Oct. 24.
Holder or similar article of manufacture, Soap and brush. G. E. White. 139,716–17; Dec. 12.
Holder or similar article, Scratch pad. F. H. Kiser. 138,818; Sept. 19.
Holder or similar article, Towel. E. W. Duffy. 137,045; Jan. 18.
Holder, Pageless memo-pad. H. R. King. 138,852; Sept. 19.
Holder, Ration point. A. Porche. 139,384; Nov. 7.
Holder, Separable cigarette. R. J. Naddeo. 137,463; Mar. 14.
Holder, Soap. T. Benoto. 137,908; May 16.
Holder, Tool. H. C. Wilson. 138,300; July 25.
Holder, Toothbrush. E. A. Stein. 137,630; Apr. 11.
Holder, Tree. C. M. Fernekes. 139,238; Oct. 24.
Holder, Visible reference. C. C. Mellicke. 136,975; Jan. 4.
Holder, Welding electrode. R. H. Buck. 138,643; Aug. 29.
Holder, Welding electrode. F. R. Smith. 139,198; Oct. 17.
Holder, Welding electrode. C. L. Wood. 137,180; Feb. 1.
Hood for aircraft or similar article, Transparent. I. M. Hoglin. 139,858; Dec. 26.
Hook attaching device for fishing lines or similar article. M. Baird. 138,498; Aug. 15.
Hook, Gambrel. O. A. Pautz. 137,714; Apr. 18.
Horse, Toy rocking. B. E. Mills. 136,955; Jan. 4.
House. G. W. Walker. 139,494; Nov. 21.
House, Play. A. A. Olson. 139,399; Nov. 7.
Housing, Aviation engine oil temperature regulator. F. M. Young. 138,688; Aug. 29.
Housing, Combined washer and wringer drive. M. M. Jackson. 138,427; Nov. 14.
Housing, Engine starter. V. C. Hodges and T. B. Smallwood. 138,774; Sept. 12.
Housing for a combined motor and pump. D. C. Asbury. 137,632; Apr. 11.
Housing for a vehicle light. E. B. Hallman. 138,317; July 18.
Housing for lubricant drums or the like. C. W. Ginter. 138,709; Sept. 5.
Hydrometer or the like. L. Edelmann. 137,523; Mar. 28
Hydroplane. A. Gasda. 137,979; May 30.
Implement, Can piercing. P. C. Eye. 138,912; Sept. 26.
Incubator, Portable baby. G. Armstrong. 138,411; Aug. 1.
Indicator, Aircraft turn. L. F. Beach, O. E. Esval, and A. W. Lane. 139,172; Oct. 17.
Indicator, Gyro horizon. R. M. Heintz. 138,375; July 25.
Indicator, Marine. W. G. Huckabee. 139,387–8; Nov. 7.
Indicator, Radio program time. E. A. Canfield. 137,383; Feb. 29.
Indicator, Turret direction. B. F. Baker. 139,006; Oct. 3.
Inductor housing. V. Moore. 137,250; Feb. 8.
Inkwell. R. E. Stroh. 137,328; Feb. 22.
Inkwell and penholder, Combined. P. Schladermundt. 139,400; Nov. 7.
Insignia, Applique. J. Rafelman. 139,422; Nov. 14.
Insignia device or the like, Membership. L. Pollack. 138,733; Sept. 5.
Insole, Molded. F. J. Diamant. 139,580; Nov. 28.
Instrument head, Diagnostic. C. A. Ellis. 139,425; Nov. 14.
Internal surface projector. O. F. Soetbeer. 138,033; June 6.
Iron, Electric. W. H. McLelland and E. J. Ajax. 139,040; Oct. 10.
Ironing board attachment. T. V. Baker. 137,034; Jan. 11.
Ironing machine. A. H. Gerhardt. 139,203; Oct. 17.
Jabot or similar article. S. M. Baar. 137,698–9; Apr. 18.
Jack, Hydraulic. H. E. Page. 139,341; Nov. 7.
Jacket. J. Barbel. 138,176; June 27.
Jacket. J. Barbel. 139,658–61; Dec. 5.
Jacket. E. Bauer. 138,336; July 18.
Jacket. E. Bauer. 139,242; Oct. 24
Jacket. E. Bauer. 139,537; Nov. 28.
Jacket. H. C. Cookman. 137,912; May 16.
Jacket. S. Etkin. 137,449; Mar. 14.
Jacket. S. Etkin. 138,038; June 6.
Jacket. N. Finkelstein. 138,007; May 30.
Jacket. Z. Golden. 139,851–7; Dec. 26.
Jacket. M. W. Keith. 137,263; Feb. 8.
Jacket. N. A. Rauch. 137,109–11; Jan. 18.
Jacket. N. A. Rauch. 137,157; Jan. 25.
Jacket. N. H. Sachs. 138,555; Aug. 15.
Jacket. N. Shats. 138,720; Sept. 5.
Jacket. J. Smith. 138,947; Sept. 26.
Jacket. S. Zahn. 138,533; Aug. 15.
Jacket or similar article. L. Raphael. 137,832; May 2.
Jacket or similar article. S. Scheidlinger. 137,031; Jan. 11.
Jacket or similar article, Scarf. J. Fowler. 138,124; June 20.
Jar, Cookie. L. M. Chace. 138,536–7; Aug. 15.
Jar, Cookie. F. Poe. 137,514; Mar. 21.
Jar or like vessel, Cookie. K. M. Gale. 137,273; Feb. 15.
Jar or similar article, Cooky. R. V. Ganz. 139,094; Oct. 10.
Jar or similar article, Cookie. J. B. Lenhart. 137,119–20; Jan 25.
Jar or similar article, Cooky. J. B. Lenhart. 138,998; Oct. 3.
Jar or similar article, Cooky. J. B. Lenhart. 139,018–20; Oct. 3.
Jar or similar article, Cooky. J. B. Lenhart. 139,103; Oct. 10.
Jar or similar article, Cookie. W. Oehrle. 137,636; Apr. 11.
Jar or similar article, Cookie. F. Poe. 138,832; Sept. 19.
Jar or similar article, Hosiery. E. C. Carman. 138,076; June 13.
Jar or similar article, Owl cooky. R. V. Ganz. 139,098; Oct. 10.
Jodhpur. G. C. Wharton. 136,965; Jan. 4.
Juggling seal toy. A. Robins. 137,696; Apr. 18.
Juicer, Fruit. J. O. Reinecke. 139,794; Dec. 19.
Jumper, Woman's. M. Levitt. 137,599–600; Apr. 4.
Key. H. J. Lasky. 139,791; Dec. 19.
Kit, Sewing. E. E. Koch. 139,386; Nov. 21.
Knife. L. F. Baker. 138,365; July 25.
Knife. R. Mrasek. 137,916; May 16.
Knife. R. Wagner. 139,187; Oct. 17.
Knife and pencil, Combined. C. Liukko. 137,339; Feb. 22.
Knife and scissors grinder guide plate. A. M. Jacobsen. 137,169; Feb. 1.
Knife, Hunting. O. C. Naugle. 137,410; Mar. 7.
Knife or other article of flatware. F. E. Greene. 139,544–8; Nov. 28.
Knife or other article of flatware. H. A. Malinowski. 137,377; Feb. 29.
Knife, Paring. C. F. Senkewitz. 139,352; Nov. 7.
Knife, Universal combat. T. E. Huff. 138,570; Aug. 22.
Knob for window regulators or the like. G. E. Dey. 139,149; Oct. 17.
Knob or the like, Door. H. F. George. 139,338; Nov. 7.
Lace. C. Clarkson, Jr. 139,518; Dec. 26.
Lace. A. Hodes. 138,840; Sept. 19.
Lace, Embroidered. J. Wiener. 137,271; Feb. 15.
Ladder rung unit, Ship. I. Karlsen. 139,015; Oct. 3.
Lamp. H. Birsh. 137,885; May 9.
Lamp. E. S. Boynton. 138,209; July 4.
Lamp. J. I. Houck. 137,088; Jan. 18.
Lamp and display device, Combined floor. I. Latella. 138,020; June 6.
Lamp and jewel case, Combined boudoir. E. M. Barry. 138,046; June 6.
Lamp bulb, Reversible multifilament. H. Birsh. 136,970; Jan. 4.
Lamp, Desk or table. F. W. Watkins. 137,824–27; May 2.
Lamp, Electric. A. F. Pieper. 138,164; June 27.
Lamp, Electric hand. M. M. Warner. 138,953; Sept. 26.
Lamp, Pin-up. J. W. Solomon. 137,888; May 9.
Lamp, Portable. R. Popp. 137,388; Feb. 29.
Lamp support. C. Sabiers. 139,836; Dec. 26.
Lamp supporting attachment structure for chimneys and the like. C. K. Lamb. 138,473; Aug. 8.
Lamp, Trouble. E. Siemers. 137,334; Feb. 22.
Lapel ornament or similar article. H. Morris. 137,997; May 30.
Latch and lock, Combination. B. R. Thiele. 137,835; May 2.
Latch, Night. C. Ledin. 137,539; Mar. 28.
Latch or similar article. D. J. Greiling. 139,228; Oct. 24.
Latch or similar article, Night. C. Ledin. 137,478; Mar. 21.
Laundry tongs. E. G. Hager. 137,960; May 23.
Lavatory. B. N. Trombley. 139,483; Nov. 21.
Lawn mower. G. W. Davis. 138,669; Aug. 29.
Leather, Embossed. L. I. Freedman. 138,263–5; July 11.

Leather for a wallet or similar article, Embossed. S. J. Smallman. 139,186; Oct. 17.
Leather or similar article. R. C. Krauss. 138,462; Aug. 8.
Leather or similar article of manufacture. F. H. Becker and L. F. Peabody. 138,797; Sept. 12.
Lens. G. M. Cressaty. 137,805; May 2.
Lens and ash tray, Combined. G. M. Cressaty. 139,435; Nov. 14.
Lens or similar article. G. M. Cressaty. 137,085; Jan. 18.
Lens or similar article. G. M. Cressaty. 139,436; Nov. 14.
Lettering device, Adjustable. J. A. Truhon. 139,700; Dec. 12.
Level, Spirit. W. E. Bernard. 138,392; Aug. 1.
Level, Spirit. W. A. Honeyman. 138,226; July 11.
Lid lifter and bottle cap remover, Combination jar. E. J. Welch. 138,167; June 27.
Lifeboat safety block. H. B. Cohen. 137,260; Feb. 8.
Light fixture, Fluorescent. E. H. Bradley. 138,370; July 25.
Light, Flash or signal. R. L. Falge. 138,867; Sept. 19.
Lighter. M. Omirolla. 139,555; Nov. 28.
Lighter, Cigar and cigarette. W. E. Phillips. 139,571; Nov. 28.
Lighter, Cigarette. H. Negbaur. 138,089; June 13.
Lighter, Cigarette. H. Negbaur. 138,098; June 13.
Lighter, Cigarette. M. Sternberg. 138,410; Aug. 1.
Lighter or the like, Cigarette. I. Florman. 137,247–8; Feb. 8.
Lighter or the like, Cigarette. I. Florman. 138,081; June 13.
Lighter or the like, Cigarette. I. Florman. 138,733; Sept. 5.
Lighter, Sunglass cigarette. L. H. Duescher. 137,806; May 2.
Lighting fixture. M. S. Greenwald. 139,663; Dec. 5.
Lighting fixture body. J. G. Lippincott. 139,669; Dec. 5.
Lighting fixture, Ceiling. J. G. Lippincott. 139,670; Dec. 5.
Lighting fixture, Fluorescent. R. G. Maurette. 138,162; June 27.
Lighting fixture, Louvered fluorescent. D. J. Biller and B. A. Haeppel. 138,990; Oct. 3.
Lighting fixture, Louvered fluorescent. C. X. Meyer. 139,004; Oct. 3.
Linear actuator unit for operating movable parts of an airplane or the like. W. P. Lear. 137,967; May 23.
Link for an expansible bracelet or similar article. L. C. Page. 138,043; June 6.
Liquor cooling and display stand, Combined. M. M. Pibus. 137,677; Apr. 18.
Lock, Door check. F. J. Petske. 137,380; Feb. 29.
Lock, Venetian blink cord. J. Nisenson. 138,715; Sept. 5.
Locomotive body, Two-unit. G. A. Jergenson. 137,759; Apr. 25.
Locomotive body, Two-unit. J. Markestein. 139,022; Oct. 3.
Locomotive body, Two-unit. W. D. Otter. 137,785; Apr. 25.
Loudspeaker. S. N. S. Mee and F. J. Toone. 137,603; Apr. 4.
Lubricator, Mechanical. B. E. Folke. 138,179; July 4.
Luggage bag, Foldable, fabric. V. Blake. 136,996; Jan. 4.
Luminaire. J. G. Lippincott. 139,443–4; Nov. 14.
Machine for opening cans. J. O. Reinecke. 138,779; Sept. 12.
Magnifier and protector, Combined binocular. L. Gainsborg and G. Swikart. 137,337; Feb. 22.
Magnifier reading glass. H. A. Stoltz. 138,022; June 6.
Make-up and cigarette box, Combination. N. G. Morrison 139,641; Oct. 10.
Manicuring device or similar article. A. M. Baker. 138,640; Aug. 29.
Manifold unit for rubber boats or the like. W. B. Kochmer and L. T. Ward. 137,386; Feb. 29.
Marble game board. C. G. Lins. 138,160; June 27.
Mask for rear-vision mirrors. S. Gardner. 138,040; June 6.
Mask, Swimmer's. C. H. Wilen. 138,286; July 11.
Match book. G. C. Macdonald. 137,983; May 30.
Mattress. J. Martin. 139,146; Oct. 10.
Mattress cover and blanket retainer or similar article, Combination. E. H. Spiro, Jr. 137,638; Apr. 11.
Mattress cover, Baby's. S. Trossman. 139,298; Oct. 31.
Measuring instrument. J. K. Seymour. 139,153; Oct. 17.
Measuring ruler or similar article. H. A. Alkins. 136,946; Jan. 4.
Medal or similar article of manufacture. M. H. Stone. 136,985; Jan. 4.
Medallion or similar article. L. A. Koch. 137,745; Apr. 25.
Medallion or similar article. M. J. Lewis. 137,615; Apr. 4.
Medallion or the like, Embroidered. M. Fixler. 139,468; Nov. 21.
Mending machine, Fabric patch. E. N. Simmons. 137,402; Mar. 7.
Mending machine, Fabric patch. E. N. Simmons. 138,166; June 27.
Meter housing or similar article, Parking. E. V. Nelson. 138,681; Aug. 29.
Meter, Torque. J. D. Burke and F. A. Crooks. 138,806–7; Sept. 19.
Milking device. L. J. Belanger. 138,061; June 13.
Milling machine. R. S. Condon. 139,404; Nov. 14.
Mining machine. C. P. Baldwin and H. H. Vandersee. 136,981; Jan. 4.
Mirror. S. J. Winslow. 139,188; Oct. 17.
Mirror and clock, Combination hand. A. Delucchi. 139,148; Oct. 17.
Mirror and picture frame, Combined. S. Cirkinian. 138,506; Aug. 15.
Mirror, Automobile visor. H. Golden. 139,247; Oct. 24.
Mirror for store window displays or the like. F. Shipman. 138,734; Sept. 5.
Mirror or similar article, Hand. L. L. Lesiak and J. H. Shows. 137,795; May 2.
Mixer, Portable concrete. H. A. and G. H. Wagner. 137,043; Jan. 11.
Mixing unit or similar article, Food. H. C. Doner. 137,946; May 23.
Moistener. O. Kaub. 139,804; Dec. 26.
Molding machine. R. R. Kilburn and B. D. Ashbaugh. 139,721; Dec. 12.
Mop. Floor. C. L. Cambern. 139,173; Oct. 17.
Mop stick. W. E. Kautenberg. 138,041; June 6.
Motor car. E. Wood. 137,312; Feb. 15.
Motorcycle. E. H. Erickson. 138,470; Aug. 8.
Motor, Electric. G. G. Bluemink. 137,172; Feb. 1.
Motor for operating movable parts of an airplane. R. M. Heintz. 139,720; Dec. 12.
Motor operated fluid pump and distributing device. R. Flanagan and M. L. Taylor. 137,612; Apr. 4.
Motor vehicle. L. W. Harris. 137,965; May 23.
Mount, Gardenia. E. J. Brumder. 137,073; Jan. 18.
Mount, Gardenia. A. Ordens. 138,921; Sept. 26.
Mounting corner. A. W. Engel. 137,937; May 16.
Mounting, Ring. F. Kuczajda. 138,181; July 4.
Mouthpiece for saxophone or other musical instrument. C. A. Runyon. 139,025; Oct. 3.
Mower, Lawn. E. L. Schofield. 137,928; May 16.
Muff. G. B. Stackhouse. 138,009; May 30.
Muff. T. L. Vine. 137,671; Apr. 11.
Muff and handbag or similar article, Combined. M. Wolf. 138,149; June 27.
Nail. C. G. Spanholtz. 139,216; Oct. 24.
Nail set. W. Bedell. 137,458; Mar. 14.
Nasal protector for bathers. M. V. Smith. 137,091; Jan. 18.
Necklace or similar article. J. Rubel. 137,030; Jan. 11.
Necktie. D. Leneman. 137,658; Apr. 11.
Necktie, Pre-formed. A. F. Taborski. 138,853; Sept. 19.
Needle, Phonograph. P. L. Jensen. 139,554; Nov. 28.
Needle, Spinal puncture. J. Brandenburg. 138,589; Aug. 22.
Negative element for self-energizing electrolytic water correction devices. E. M. Butler. 137,235; Feb. 8.
Negligee. V. Giovagnoni. 139,246; Oct. 24.
Net or similar article, Hair. L. D. Després. 137,703; Apr. 18.
Nozzle-brush unit or similar article, Vacuum cleaner. I. V. A. Gulld. 139,286; Oct. 31.
Nozzle, Shower spray. W. J. Frost. 139,822; Dec. 26.
Nursing unit. A. H. Ostrin and L. Borstein. 138,925; Sept. 26.
Nutcracker. E. J. Carlson. 139,576; Nov. 28.
Oiler, Hog. B. E. Sipe. 138,382; July 25.
Opener, Blade for paper box. L. Walters. 139,299; Oct. 31.
Opener, Can. H. N. Miller. 139,086; Oct. 10.
Opener, Combined can and bottle. J. Rashi. 137,526; Mar. 28.
Opener or similar article, Carton. W. J. Guenther. 138,266; July 11.
Ornament, Christmas tree. A. P. Schmid. 138,792; Sept. 12.
Ornament, Lapel. J. Carney. 139,260; Oct. 24.
Ornament, Lapel. H. H. Hanna. 138,394; Aug. 1.
Ornament or similar article, Lapel. C. Wandt. 137,422; Mar. 7.
Ornament, Pin-up. R. M. Elliston. 137,175; Feb. 1.
Orphrey or similar article. A. Baumgartner. 137,094; Jan. 18.
Outdoor playing card holder. S. Schindler. 139,530; Nov. 28.
Oven unit or similar article. H. C. Doner. 137,792; May 2.
Overall ensemble, Woman's. C. L. Scott, H. Shelby, M. Carney, and G. Meloche. 137,360; Feb. 22.
Oxygen mask, Aviator's. A. H. Bulbulian. 138,036; June 6.
Package for stationery or the like, Display. E. von Hartmann. 139,798; Dec. 19.
Package-handle or similar article. J. E. Miano. 137,712; Apr. 18.
Package or similar article, Folding dispensing. L. L. Salfisberg. 138,698; Sept. 5.
Padlock. P. Muller-Munk. 137,274–8; Feb. 15.
Padlock. D. Papkin. 137,028; Jan. 11.
Pajama ensemble. V. Giovagnoni. 137,491; Mar. 21.
Pan, Dust. W. Jaffa. 138,435; Aug. 8.
Pan, Frying. H. D. Ekonomon. 139,416; Nov. 14.
Panel, Cutout alphabet. E. J. Daily. 137,303; Feb. 15.

Panel or the like, Screen. R. Bruner. 139,766; Dec. 19.
Pants and vest, Combined snow. I. Gerstman. 139,136; Oct. 10.
Pants, Woman's. J. Brodigan. 137,924; May 16.
Paper, Bread wrapping. E. D. Lake. 139,211; Oct. 24.
Paper-cutting machine or the like. W. R. Spiller. 137,389; Feb. 29.
Paper or the like. E. A. Whiteford. 138,273; July 11.
Paper or the like. E. A. Whiteford. 138,699; Sept. 5.
Paper weight and photograph mount, Combined. J. A. Morehead. 138,560; Aug. 22.
Paper, Wrapping. J. W. Elder. 138,012–13; June 6.
Parer, Fruit. W. Frank. 138,918; Sept. 26.
Partition and refrigerator or similar article, Combined. H. C. Doner. 137,791; May 2.
Partition or the like, Draped. M. Lange. 139,474; Nov. 21.
Pedal attachment, Automobile accelerator. S. L. Johnston. 138,820; July 18.
Pedestal control valve unit. A. L. Macan. 137,831; May 2.
Peeler, fruit corer, and grapefruit sectionizer, Combination vegetable. N. K. Morris. 137,687; Apr. 18.
Pen, Adjustable nib fountain. V. H. Severy. 138,032; June 6.
Pen, Fountain. G. D. Cloutier. 137,860; May 9.
Pen, Fountain. D. Kahn. 138,346; July 18.
Pen, Fountain. P. L. Rohrer. 138,544; Aug. 15.
Pen, Fountain. V. H. Severy. 137,660; Apr. 11.
Pen, Fountain. M. J. Waldinger. 138,826; Sept. 19.
Pen, Fountain. A. Winter. 139,839; Dec. 26.
Pencil. D. Kahn. 138,345; July 18.
Pencil and knife, Combined. J. Weiss. 138,875; Sept. 26.
Pencil, Mechanical. M. J. Waldinger. 138,825; Sept. 19.
Pencil or similar article, Mechanical. G. L. Becstrom. 138,499–500–1–2; Aug. 15.
Pencil or similar article, Mechanical. A. Fernandes. 138,416; Aug. 1.
Pendant, Key. C. M. Bradbury. 137,978; May 30.
Pendant or similar article. L. Barber. 138,024; June 6.
Phonograph record holding spindle. W. J. Faulkner. 137,611; Apr. 4.
Photoelectric supervisor. J. A. Long. 139,064; Oct. 10.
Photograph album page or similar article. C. Pollak. 138,021; June 6.
Photographic mount or article of similar nature. G. W. Higgins. 137,996; May 30.
Piano. A. Klein. 137,376; Feb. 29.
Picture frame and clip, Combined. J. Tamis. 139,837; Dec. 26.
Picture frame or similar article. F. Rodkey. 137,029; Jan. 11.
Picture mount or similar article. R. Hendrix. 139,471; Nov. 21.
Pin, Brooch. A. Katz. 136,998–137,004; Jan. 11.
Pin, Brooch. A. Katz. 137,153; Jan. 25.
Pin, Brooch. A. Katz. 139,072–5; Oct. 10.
Pin, Brooch. A. Katz. 139,100; Oct. 10.
Pin, Brooch. A. Katz. 139,250–1; Oct. 24.
Pin, Brooch. A. Katz. 139,407–8; Nov. 14.
Pin, Brooch. C. L. Leonhardt. 139,824; Dec. 26.
Pin, Brooch. A. Philippe. 137,200–1; Feb. 8.
Pin, Brooch. A. Philippe. 137,541–8; Mar. 28.
Pin, Brooch. A. Philippe. 137,557; Mar. 28.
Pin, Brooch. A. Philippe. 137,572–3; Mar. 28.
Pin, Brooch. A. Philippe. 138,202–3; July 4.
Pin, Brooch. A. Philippe. 138,353; July 18.
Pin, Brooch. A. Philippe. 138,652; Aug. 29.
Pin, Brooch. A. Philippe. 139,254–7; Oct. 24.
Pin, Brooch. A. Philippe. 139,605; Dec. 12.
Pin, Brooch. F. Powell. 139,834; Dec. 26.
Pin, Brooch. J. Silson. 139,353; Nov. 7.
Pin, Greeting. C. J. Davidson. 139,767; Dec. 19.
Pin, Insignia. C. A. Osborn. 137,917; May 16.
Pin, Lapel. E. S. Gravitt. 139,137–41; Oct. 10.
Pin or similar article. L. J. Andreini. 139,065; Oct. 10.
Pin or similar article. M. Boucher. 139,674–8; Dec. 12.
Pin or similar article. L. L. Hess. 138,056; June 6.
Pin or similar article. A. G. Leary. 137,646; Apr. 11.
Pin or similar article. A. G. Leary. 137,747; Apr. 25.
Pin or similar article. A. G. Leary. 138,864–5; Sept. 19.
Pin or similar article. H. A. Malinowski. 139,488; Nov. 21.
Pin or similar article. H. Morris. 137,774; Apr. 25.
Pin or similar article. O. Schreyer. 139,412; Nov. 14.
Pin or similar article, Brooch. H. De Alterlis. 139,539–42; Nov. 28.
Pin or similar article, Brooch. W. W. Hobé. 137,644; Apr. 11.
Pin or similar article, Brooch. W. W. Hobé. 139,170–1; Oct. 17.
Pin or similar article, Brooch. W. W. Hobé. 139,261; Oct. 24.
Pin or similar article, Brooch. W. W. Hobé. 139,263; Oct. 24.
Pin or similar article, Brooch. W. W. Hobé. 139,339; Nov. 7.
Pin or similar article, Jewelry. A. C. Heineke. 139,128; Oct. 10.
Pin or similar article of jewelry. D. Ing. 137,225; Feb. 8.
Pin or similar article of jewelry. J. Walker. 139,813; Dec. 26.
Pin or similar article of manufacture. C. E. O'Malley and J. W. Runyon. 138,002; May 30.
Pin or similar article of manufacture, Medallion. M. H. Stone. 136,987; Jan. 4.
Pin or similar article, Picture carrying. G. Peyrot. 137,411; Mar. 7.
Pin or similar article, Separable. J. Rubel. 137,112; Jan. 18.
Pin or the like. S. Bee. 137,577; Apr. 4.
Pin or the like. S. B. Shapiro. 138,270; July 11.
Pin or the like, Lapel. E. A. Sampson. 137,821; May 2.
Pin or the like, Separable. J. Rubel. 136,958; Jan. 4.
Pin, Service. H. W. Brown. 137,336; Feb. 22.
Pinafore. E. Wilkens. 137,565; Mar. 28.
Pipe fitting, Cross. R. A. Corley. 137,384; Feb. 29.
Pipe rest. B. E. Lawrence. 138,730; Sept. 5.
Pipe threading machine. G. J. Sellmeyer. 136,959; Jan. 4.
Piston and compression head or similar article, Combined. C. A. and V. J. Toce. 138,548; Aug. 15.
Pitcher. L. H. Russell. 139,529; Nov. 28.
Pitcher or similar article. R. V. Ganz. 139,093; Oct. 10.
Pitcher or similar article, Cream. G. D. Adams. 139,638; Dec. 5.
Plane, Carpenter's. S. Oxhandler. 137,230; Feb. 8.
Plaque for automobiles, Display. A. A. Baling. 139,346; Nov. 7.
Plaque, Door. J. P. Siewing. 137,942; May 23.
Plaque, Honor roll. P. R. Zinser. 138,915; Sept. 26.
Plaque unit for articulated fabric or similar article. R. Appel. 139,244–5; Nov. 7.
Plaque unit, Wall. O. G. Dallmann. 139,079; Oct. 10.
Plastic material, Decorative. A. Westerman and J. De Pasquale. 139,589; Nov. 28.
Plastic unit for use on handbags or the like. I. M. Robbins. 139,699; Dec. 12.
Plate for bicycle pedals, End. H. Golden. 138,648; Aug. 29.
Plate for boots and shoes, Heel. W. E. Strobel. 137,895; May 16.
Plate for suit cases and the like, Keeper. R. S. Wagner. 137,068; Jan. 18.
Plate or similar article. A. Duhrssen. 137,489; Mar. 21.
Plate or similar article. A. Duhrssen. 137,579; Apr. 4.
Plate or similar article. A. Duhrssen. 137,585–6; Apr. 4.
Plate or similar article. A. Duhrssen. 137,675; Apr. 18.
Plate or similar article. A. Duhrssen. 137,728–9; Apr. 25.
Plate or similar article. A. Duhrssen. 137,793; May 2.
Plate or similar article. G. Rudd. 139,184–5; Oct. 17.
Plate, or similar article. M. C. Ruskin. 138,946; Sept. 26.
Play barn. A. A. Olson. 139,527; Nov. 28.
Play-pen, Child's. E. Berry. 139,662; Dec. 5.
Play suit ensemble. E. Wilkens. 137,672; Apr. 11.
Play-suit ensemble. E. Wilkens. 137,724; Apr. 18.
Playsuit or similar article, Child's. D. Goldberger. 138,993–7; Oct. 3.
Plotting board. I. V. Stovern. 137,973; May 23.
Plug, Electrical terminal. T. W. Drury. 137,705; Apr. 18.
Poker chip or similar article. K. Tator and G. Holmgren. 137,608; Apr. 4.
Poles, Device for erecting and supporting. F. L. Collum. 137,777; Apr. 25.
Polisher, Floor. C. B. Stevens. 137,560; Mar. 28.
Polisher, Floor. C. B. Stevens. 139,620–24; Dec. 5.
Post, Electric fence. E. S. Cooke. 136,949; Jan. 4.
Power unit with limit switch control. W. P. Lear. 138,289; July 11.
Press, Garment. H. D. Forse. 139,159; Oct. 17.
Press or similar machine, Punch. P. E. Wilcox. 139,034–7; Oct. 10.
Press unit, Printing. H. Rosengren and C. L. Richards. 137,826; Feb. 22.
Pressing device. J. J. Getgey. 137,025; Jan. 11.
Pressure cooker. S. W. A. Ingram. 139,789; Dec. 19.
Projectile. N. W. LaClair. 138,288; July 11.
Projector, Mobile sound. W. C. Eaves. 138,297; July 11.
Projector, Mobile sound. W. C. Eaves. 139,237; Oct. 24.
Propeller. C. Orsett. 138,886; Sept. 19.
Propeller, Airplane. J. Chojmik. 137,292; Feb. 15.
Propeller and support therefor, Combined shaftless. W. Waterval. 138,752; Sept. 5.
Propeller, Offset double. H. Birsh. 137,473; Mar. 14.
Propeller, Single-blade. H. Birsch. 137,472; Mar. 14.
Protector for electric flush switches, Wall. M. R. Kessler. 137,966; May 23.
Protractor or similar article, Combination. A. W. Colmery. 137,459; Mar. 14.
Pullback, Drape. P. L. Hartnett. 139,522; Nov. 28.
Pull toy. H. W. Beaver. 139,574; Nov. 28.
Pull toy, Rotary. J. Reich. 139,153; Oct. 17.
Puller, Battery terminal. W. E. Jarvis. 139,485; Nov. 21.
Pump. J. C. Woodford. 138,170; June 27.
Purse or similar article, Combined coin and key. D. J. Nash. 139,763; Dec. 19.
Putter head. T. S. Park. 138,809; Sept. 19.
Puzzle. H. H. Wilson. 139,590; Nov. 28.
Rack, Advertising. N. Bencomo. 137,993; May 30.
Rack, Belt. M. Rosenblatt. 138,204; July 4.

Rack, Carpet display. C. E. Anderson. 139,814; Dec. 26.
Rack, Combined hat and tie. A. B. Mallins. 139,262; Oct. 24.
Rack, Display. M. Geller and R. M. Soule. 137,945; May 23.
Rack for magazines, books, or the like, Wheeled. W. H. Adams. 137,369; Feb. 29.
Rack for supporting hypodermic needles in card form. S. Galper. 137,808; May 2.
Rack, Neckwear display. M. Davis. 137,873; Feb. 29.
Rack or similar article, Magazine. N. Cooper. 138,339; July 18.
Rack or similar article, Photographic frame. J. Worth. 138,783; Sept. 12.
Rack, Shoe. C. H. Churchill. 138,503; Aug. 15.
Rack, Tie. S. J. Brown. 137,267; Feb. 15.
Rack, Tie. W. G. Williams. 139,718; Dec. 12.
Rack, Towel. B. Sadowski. 139,145; Oct. 10.
Rack, Towel. F. Sale. 139,479; Nov. 21.
Radio reminder. S. A. de Waltoff. 138,578; Aug. 22.
Raft, Life. W. R. B. Harkins. 138,062; June 13.
Raft, Life. A. G. Sherman. 138,050; June 6.
Rake. S. J. Mustain. 139,193; Oct. 17.
Range. J. G. Lippincott. 139,487; Nov. 21.
Range, Combination solid and fluid fuel. A. T. Thygeson. 139,482; Nov. 21.
Range, Combination solid and fluid fuel. A. T. Thygeson. 139,483; Nov. 21.
Range, Gas. A. T. Thygeson. 139,480–1; Nov. 21.
Range Kitchen. C. J. Rogers. 137,733; Apr. 25.
Rattle. P. E. Allen. 139,510–12; Nov. 28.
Rattle, Baby. E. Nudelman. 139,087–8; Oct. 10.
Razor and blade sharpener. Combination. S. W. Ford. 137,407; Mar. 7.
Razor guard, Safety. W. E. Brownback. 137,221; Feb. 8.
Razor, Safety. J. W. Anderson. 138,834; Sept. 19.
Razor, Safety. W. E. Brownback. 137,220; Feb. 8.
Receptacle, Condiment. L. M. Peck and F. J. Gilbert. 139,009; Oct. 10.
Receptacle, Electrical. T. W. Drury. 137,704; Apr. 18.
Receptacle for domestic gas systems. C. E. Lenihan. 138,841; Aug. 15.
Receptacle for tissue or similar article. S. E. Gordon. 139,226; Oct. 31.
Receptacle, Refuse. A. Deutsch. 137,448; Mar. 14.
Rectifying device, Portable electric. R. O. Whitesell. 138,353; July 25.
Reel, Moving picture film. J. M. Goldberg. 138,559; Aug. 22.
Refractometer. R. F. E. Stegeman. 138,401; Aug. 1.
Refrigerated locker unit. W. M. Baird. 138,391; Aug. 1.
Refrigerator. G. W. Walker. 139,583; Nov. 28.
Register. E. B. Johnston. 139,033; Oct. 10.
Regulator, Cable tension. J. W. Cade. 138,644; Aug. 29.
Resonator and sound distributor, Wall. C. A. Volf. 138,156; July 25.
Rest for ash trays, Cigar or cigarette. E. F. McDonald. 138,656; June 6.
Retarder. P. M. Lewis. 137,155; Jan. 25.
Ring. A. Klein. 139,666–7; Dec. 5.
Ring, Cultivator. T. G. Schmeiser. 137,446; Mar. 14.
Ring, Finger. L. Blum. 139,731; Dec. 12.
Ring, Finger. R. T. Diegen. 139,549; Dec. 26.
Ring, Finger. H. Frackman. 137,743; Apr. 25.
Ring, Finger. C. Gantwarg. 138,366; July 25.
Ring, Finger. C. Gantwarg. 138,374; July 25.
Ring, Finger. C. Gantwarg. 138,471; Aug. 8.
Ring, Finger. C. Gantwarg. 138,919; Sept. 26.
Ring, Finger. J. Granat. 137,400; Mar. 7.
Ring, Finger. J. Sakuinick. 137,165; Feb. 1.
Ring, Finger. H. Shain. 137,288; Feb. 15.
Ring, Finger. J. Walker. 137,991; May 30.
Ring or similar article of jewelry. C. Barnique. 137,403; Mar. 7.
Ring or similar article, Teething. D. Kassen. 139,389; Nov. 7.
Ring or the like. P. Turk. 139,317; Oct. 31.
Ring, Teething. M. H. Blaine. 138,168; June 27.
Ring, Teething. H. L. Youngquist. 138,448; Aug. 8.
Rivet and collar, Combined. G. S. Wing. 138,579; Aug. 22.
Riveting hammer unit, Pneumatic. E. Forns. 139,821; Dec. 26.
Roaster and cooker, Combined electric. J. Springwell. 138,271; July 11.
Rocker toy. E. Peruggi. 138,475; Aug. 8.
Rocker toy. E. Peruggi. 138,477; Aug. 8.
Rocking horse. W. A. Hartwig. 137,871; May 23.
Rod and suspending means, Combination curtain. E. Weis. 137,966; May 23.
Rod, Connecting. A. T. Britton. 138,136; June 27.
Roller, Road. J. F. Harrison and C. F. Greiner. 138,539; Aug. 15.
Roller toy. A. Bobb. 139,154; Oct. 17.
Rosary or the stations of the cross. J. C. Kelley. 137,866; May 9.
Rug or similar article of manufacture, Scatter. A. D. Clist. 137,443; Mar. 14.
Ruler or similar article. H. A. Aikens. 138,809; July 18.
Sachet. J. L. Youngbusband. 137,152; Jan. 25.
Saddle rigging. O. Larson. 139,523; Nov. 28.
Salt and pepper dispenser, Combination. J. McFarlane. 137,269; Feb. 15.
Salt and pepper shaker, Combined. M. Groetsch and B. M. Sprague. 139,842; Dec. 26.
Salt and pepper shaker, Combined. H. L. Ross. 137,527; Mar. 28.
Salt and pepper shaker, Combined. H. L. Ross. 139,105; Oct. 10.
Sand toy. O. Fisher. 139,310; Oct. 31.
Sandal. C. F. Walker. 139,838; Dec. 26.
Sandal or similar article. J. Meltzer. 138,169; June 27.
Sandal or similar article. J. Meltzer. 138,517; Aug. 15.
Sandal or similar article, Beach. W. McMyler. 137,294; Feb. 15.
Sanding machine, Portable. W. A. Lintern. 137,453; Mar. 14.
Saucer. T. W. Wall. 137,881; May 9.
Saw. O. Lodeen. 137,060; Jan. 18.
Saw, Radial arm. B. Miller. 139,476; Nov. 21.
Scabbard for a universal combat knife. T. E. Huff. 138,571; Aug. 22.
Scaffold unit. L. A. Reiner. 137,695; Apr. 4.
Scale, Bathroom. C. W. Sundberg. 137,990; May 30.
Scale, Dial. H. Dreyfuss. 139,047–50; Oct. 10.
Scale, Layout. K. Jaeger. 139,609; Dec. 5.
Scale, Weighing. H. Dreyfuss. 138,854–6; Sept. 19.
Scale, Weighing. H. Dreyfuss. 138,858–63; Sept. 19.
Scale, Weighing. H. Dreyfuss. 139,052–7; Oct. 10.
Scale, Weighing. H. Dreyfuss. 139,060–3; Oct. 10.
Scale, Weighing. F. E. Townsend. 138,099; June 13.
Scarecrow. T. Newhall. 137,750; Apr. 25.
Scarf. P. Goldenstein. 139,394–6; Nov. 7.
Scarf. R. Gottschalk. 139,248; Oct. 24.
Scarf. E. Schenk. 137,455; Mar. 14.
Scarf, Head. K. Fuchs. 138,306; July 11.
Scissors. C. R. Storz. 137,412; Mar. 7.
Scissors, Pair of. K. Schlesinger. 137,242–5; Feb. 22.
Scissors, Manicure. L. Cotton. 139,210; Oct. 24.
Scissors whetting wheel. A. M. Jacobson. 137,633; Apr. 11.
Scoop. M. C. Long. 137,440; Mar. 14.
Scooter, Snow. A. K. Lueders. 137,306; Feb. 15.
Score board, Pinochle pegging. L. E. Ruddock. 139,587; Nov. 28.
Scraper, Shoe. F. J. Petske. 138,464; Aug. 8.
Seal for the ends of tubes, Temporary. F. Van Cleef. 137,487; Mar. 21.
Seat. H. Dreyfuss. 138,511; Aug. 15.
Seat, Child's swing. B. Miller. 137,511; May 2.
Seat, Saddle horse swing. C. H. Churchill. 138,371; July 25.
Seat, Skate. R. J. Daly. 137,999; May 30.
Seat unit. H. Dreyfuss. 138,510; Aug. 15.
Seesaw. E. M. Flesh and V. J. Micotte. 138,706; Sept. 5.
Separator for egg yolk and whites or similar article. E. Reynolds. 138,398; Aug. 1.
Serving bar and guard partition therefor, Combined. J. Stark. 137,570–1; Mar. 28.
Set of game pieces. S. Epsy. 137,246; Feb. 8.
Set of numerals or similar articles. H. Kursh and S. M. Harris. 137,525; Mar. 28.
Sewing accessory or similar article. J. Mariani. 138,255; July 11.
Sewing machine. M. S. Park. 139,712; Dec. 12.
Sewing machine feeding attachment for producing spiral stitching. I. Klainbard. 137,518; Mar. 21.
Shackle, Poultry. J. F. Bliek. 139,673; Dec. 12.
Shade, Lamp. D. Denemberg. 139,009–12; Oct. 3.
Shaker, Combined salt and pepper. A. Granese. 138,343; July 18.
Shaker, Pepper. B. Trifonoff. 138,357; July 18.
Shaker, Salt. B. Trifonoff. 138,356; July 18.
Shaving mug and brush holder, Combined. C. H. Churchill. 137,788; May 2.
Shear or similar article, Alligator. L. L. Hercik. 138,809; Sept. 26.
Shed, Implement. E. F. Clark. 138,436; Aug. 8.
Sheet of a decorative wall material or the like. W. Burton. 137,840–45; May 2.
Sheet of wallpaper or the like. T. M. O'Donnell. 138,001; May 30.
Shelf and drying rack, Combination. J. H. Borah. 137,199; Feb. 1.
Shelf, Telephone supporting. R. H. Hose. 139,472; Nov. 21.
Shelf, Wall. C. Daum. 138,992; Oct. 3.
Shelter or similar article, Pea. L. E. Reid. 138,926; Sept. 26.
Ship. C. Hanneviq. 139,549; Nov. 28.
Shirt. J. B. Bernhard. 137,509; Mar. 21.
Shirt or similar article. S. Epstein. 139,464; Nov. 21.
Shoe. J. Balboni. 139,324; Nov. 7.
Shoe. S. Burrafato. 138,210–11; July 4.
Shoe. H. Henkel. 139,499; Nov. 21.
Shoe. H. Levetus. 139,610; Dec. 5.
Shoe. N. Mitchell. 139,102; Oct. 17.
Shoe. E. Stile and P. Eisenberg. 139,531; Nov. 28.
Shoe. B. Weiner. 139,240; Oct. 24.
Shoe. W. Wright. 139,106; Oct. 10.
Shoe bottom. S. C. Berkowitz. 136,969; Jan. 4.
Shoe horn. F. A. Gesell. 137,268; Feb. 15.
Shoe, Infant's. W. H. Hinson. 138,028; June 6.

Shoe or similar article. F. J. Diamant. 138,025; June 6.
Shoe or similar article. D. D. Goldstein. 137,763–67; Apr. 25.
Shoe or similar article. D. D. Goldstein. 138,153–6; June 27.
Shoe or similar article. S. L. Kleven. 138,573–4; Aug. 22.
Shoe or similar article, Infant's. J. M. Galber. 138,708; Sept. 5.
Shoe polishing device. B. Silfen. 138,661; Aug. 29.
Shoe rack. S. J. Brown. 139,415; Nov. 14.
Shoe shiner, Electric. R. G. Getgey. 136,952; Jan. 4.
Shoe tree. J. B. Mutch. 137,872; May 9.
Shoe tree. L. W. Reinhardt. 137,918; May 16.
Show and merchandising case, Combined. W. J. Bovers. 139,209; Oct. 24.
Show case and mechandise display trays, Combination. W. J. Bovers. 139,208; Oct. 24.
Shrine, Foldable miniature cardboard. A. Ochs. 138,822; Sept. 19.
Shrine, Miniature icon projector. A. G. Dannell. 138,700–4; Sept. 5.
Shrinker, Angle. C. L. Beard. 139,505; Nov. 21.
Sight for firearms, Rear. H. F. Mossberg. 138,423; Aug. 1.
Sign. H. C. Hammer. 138,976; Oct. 3.
Sign. V. L. Minet. 138,182; July 4.
Sign, Desk. J. K. Chun Fat. 137,948; May 23.
Sign or the like. C. F. Partridge. 137,874; May 9.
Signal and switch, Combined direction indicating. P. Benoit. 139,701; Dec. 12.
Signal, Highway. T. D. Wandell. 139,032; Oct. 3.
Sine bar. E. G. Baker. 137,417; Mar. 7.
Sink and cabinet, Combined. C. Karstadt. 137,226–7; Feb. 8.
Skirt. T. M. Baer. 139,357; Nov. 7.
Skirt. T. Leser. 139,700; Dec. 12.
Skirt. M. Levitt. 139,359–61; Nov. 7.
Skirt. H. Pons. 137,558; Mar. 28.
Skirt. J. Walker. 137,775; Apr. 25.
Skirt. J. Walker. 139,101; June 13.
Slip. S. Landau. 137,622; Apr. 4.
Slip. E. Samek. 138,467; Aug. 8.
Slip or similar article. S. H. Geffner. 138,171; June 27.
Slip or similar article. S. Landau. 139,293; Oct. 31.
Slip or similar article. L. Schwarsbart. 138,745; Sept. 5.
Slip or similar article. S. Wolf. 137,893; May 9.
Slip or similar article. S. Wolf. 137,970; May 23.
Slipper. B. Casso. 139,601; Dec. 5.
Slipper. P. D. Earl. 138,941; Sept. 26.
Slipper. R. Mintz. 137,062; Jan. 18.
Slipper. R. B. Montague. 138,680; Aug. 29.
Slipper, Alpaca fur. A. Camerle. 138,221; July 11.
Slipper, Alpaca fur and lampskin. A. Camerle. 138,222; July 11.
Smock or similar article. L. D. Despres. 138,331; July 18.
Soap cake or similar article. H. S. Scott. 137,202; Feb. 8.
Sock or similar article. A. Yandell. 139,356; Nov. 7.
Sock or similar article, Slipper. D. Schreiber. 139,619; Dec. 5.
Socket and floor scraper holder, Combined handle. H. Siemund. 139,231; Oct. 24.
Socket, Oarlock. E. B. Curry. 138,501; Aug. 22.
Soldering iron, Electric. K. Norman. 137,956; May 30.
Sole and heel of a shoe, Combined. H. L. Pierson. 137,466; Mar. 14.
Sole, Inner. G. Averill. 139,223; Oct. 24.
Sole, Sandal. L. H. May. 138,163; June 27.
Sole, Shoe. S. Incardona. 137,439; Mar. 14.
Sound-receiving device and control for dictating machines, Combined. R. M. Somers. 137,720; Apr. 18.
Spark plug. C. R. Boyd. 139,754; Dec. 19.
Spat. H. S. Rauh. 139,835; Dec. 26.
Specimen apparatus, Urine. D. H. and J. M. Korotev. 138,651; Aug. 29.
Spectacle case or similar article. E. Nathan. 139,826; Dec. 26.
Spectacles, Pair of. V. Salierno. 139,026; Oct. 3.
Spectacles, Pair of. E. W. Smith. 137,501; Mar. 21.
Spinning toy. J. Bunnell. 139,575; Nov. 28.
Spoon, Medicine. L. Fuchs. 139,605; Dec. 5.
Spoon or other article of flatware. J. Brokate. 139,599–600; Dec. 5.
Spoon or other article of flatware. K. L. Gustafson. 137,913; May 16.
Spoon or other article of flatware. W. S. Warren. 138,562–4; Aug. 22.
Spotlight, Searchlight. J. Rosenzweig. 137,179; Feb. 1.
Spotting unit, Dry cleaning. D. O. Goodwin. 138,710; Sept. 5.
Spout for bottle. C. J. Smith. 137,719; Apr. 18.
Spout for container, Vented pouring. F. R. Ruther. 137,297; Feb. 15.
Sprayer, Liquid. P. A. Bury. 137,234; Feb. 8.
Spring shackle, Automobile. C. Orsett. 138,682; Aug. 29.
Sprinkler, Lawn. J. V. Walsh. 139,722; Dec. 12.
Square, Mechanic's. C. H. Kling. 137,372; Feb. 29.
Stall unit, Milking parlor. H. B. Babcou and C. A. Thomas. 137,590; Apr. 4.
Stand and ash tray, Combination picture exhibiting. W. C. Landon and G. A. Myers. 137,177; Feb. 1.
Stand and induction device holder for telephones, Combined. C. W. Dann. 139,389; Nov. 7.
Stand and serving tray, Combined folding. F. Kramer. 138,159; June 27.
Stand, Book reading. E. S. Leader. 139,204; Oct. 17.
Stand, Display. H. A. Hansen and S. R. Salking. 137,374; Feb. 29.
Stand, Display. M. H. Larson. 138,819–21; Sept. 19.
Stand, Foldable music. W. Berg. 139,206; Oct. 17.
Stand for illustrated postal cards, Display. E. Olszewski. 138,208; July 4.
Stand, Hat display. H. R. Portis. 137,325; Feb. 22.
Stand, Music. H. C. Barger. 139,445; Nov. 14.
Stand or similar article, Display. J. Halpern. 138,122; June 20.
Stand or similar article, Display. L. W. Schneider. 138,119; June 20.
Stand, Portable market. W. H. Saabye. 139,557; Nov. 28.
Stand, Serving. H. Lachman. 137,685; Apr. 18.
Stand, Smoke. U. B. Kronenwetter. 139,473; Nov. 21.
Stand, Smoking. J. Goldberg. 137,654; Apr. 11.
Stand, Telephone desk. G. Deakin. 138,212; July 4.
Stand, Telephone desk. E. S. McLarn and C. A. Duran. 138,697; Aug. 29.
Staple remover. F. Polzer. 137,940; May 16.
Staple remover and letter opener, Combination. F. Polzer. 137,939; May 16.
Statuette or similar article. P. G. Hausman. 139,787; Dec. 19.
Stay, Collar. B. B. Manaster. 137,846; May 2.
Stencil, Electron symbols. G. T. Gillette. 138,592; Aug. 22.
Stepladder, ironing board, table, chair, book and shoe rack, baby's high chair and utility cabinet, Combined. S. Lapin. 139,708; Dec. 12.
Sterilizing device. F. J. Chandler and J. B. Paton. 139,817; Dec. 26.
Stick, Clothes. J. T. Burg. 138,138; June 27.
Stick for spinning ball. J. Palmieri. 137,873; May 9.
Stick or the like, Measuring. F. H. Jantzen. 136,953; Jan. 4.
Stitching instrument or similar article, Surgical. J. D. Karle. 139,014; Oct. 3.
Stitching machine, Wire. R. G. Hoffert. 138,900; Sept. 26.
Stocking. L. Oseroff. 139,477; Nov. 21.
Stocking, Sport. G. E. Plana. 139,614; Dec. 5.
Stoker. A. O. Dady. 137,963; May 23.
Stool. W. S. Gass. 139,325; Oct. 31.
Stool and stepladder, Combination kitchen. C. E. Morley. 138,620; Aug. 29.
Stool, Milking. E. J. Castle. 139,702; Dec. 12.
Stool or similar article, Chair. V. J. Sullivan and J. Alastra. 139,131; Oct. 10.
Stopper for babies' milk bottles or similar articles. N. P. Steckler. 137,519; Mar. 21.
Stopper or the like, Bottle. A. E. Aszody. 138,948; Sept. 26.
Stove and grill or the like, Combined. A. B. Frenning. 139,850; Dec. 26.
Stove, Cooking. A. J. Yeager. 137,567–8; Mar. 28.
Strainer, Sink. C. E. Caestecker. 139,091; Oct. 10.
Street-sweeper body. M. Adrian. 137,024; Jan. 11.
Stroller. H. Hopkins. 138,334; July 18.
Stroller. C. Wells. 137,882; May 9.
Stroller and feeder, Combined baby. H. Hopkins. 138,318; July 18.
Stroller and package carrier, Combined. J. E. Du Bois. 137,778; Apr. 25.
Stroller, Baby's. L. Peltier. 137,668; Apr. 11.
Stylus, Phonograph. L. J. Andres. 138,275–6; July 11.
Suit. S. Dummler. 137,086; Jan. 18.
Suit. M. Frascino. 139,705; Dec. 12.
Suit. A. Gruber. 136,989; Jan. 4.
Suit. A. Gruber. 137,123–6; Jan. 25.
Suit. A. Gruber. 137,213; Feb. 8.
Suit. A. Gruber. 137,430; Mar. 7.
Suit. A. Gruber. 137,492–4; Mar. 21.
Suit. A. Gruber. 137,580; Apr. 4.
Suit. Abe Gruber. 138,051–4; June 6.
Suit. A. Gruber. 138,105–6; June 13.
Suit. A. Gruber. 138,108–10; June 13.
Suit. A. Gruber. 138,125; June 20.
Suit. A. Gruber. 138,307; July 11.
Suit. A. Gruber. 138,387–90; July 25.
Suit. A. Gruber. 139,640–53; Dec. 5.
Suit. S. Karson. 137,089; Jan. 18.
Suit. M. McCoy. 139,114; Oct. 10.
Suit. L. Morris. 137,005; Jan. 11.
Suit, Bathing. T. Leser. 137,782; Apr. 25.
Suit, Bathing. T. Leser. 139,760; Dec. 19.
Suit, Bathing. E. Wilkens. 137,757; Apr. 25.
Suit, Lady's. S. Kuznetz. 137,146–8; Jan. 25.
Suit or similar article. S. Wieder. 139,362–4; Nov. 7.
Suit, Play. T. Leser. 137,362; Feb. 22.
Suit, Slack. H. C. Cookman. 138,800; Sept. 12.
Support, Adjustable nursing bottle. A. Filler. 138,196; July 4.
Support for toilet accessories or the like. W. H. Adams. 138,616; Aug. 29.
Support, Shirtband and collar. D. A. Gordon and J. Cohen. 139,285; Oct. 31.
Supporter, Garment. W. M. O'Neal. 137,968; May 23.

Surfboard, Occupant propelled. B. Lee. 138,753; Sept. 5.
Sweater. M. Rabenstein. 139,258; Oct. 24.
Sweater. M. Rabenstein. 139,490; Nov. 7.
Swing joint. D. M. Phillips. 137,221-2; Feb. 8.
Swing or similar article, Lawn. C. L. Mock. 138,181; Oct. 17.
Switch actuator. S. G. Ransome. 138,283; July 11.
Switch, Electric. E. M. Lyan. 138,161; June 27.
Switch mounting. P. A. Celander. 139,755; Dec. 19.
Switch operating. P. E. Anderson. 138,239; July 11.
Switch operating member. P. E. Anderson. 138,240-1; July 11.
Table. V. Harasty. 137,583; Apr. 4.
Table. B. R. Weih. 139,451; Nov. 14.
Table and dressing stand, Combination baby bath. K. H. Berry. 137,734; Apr. 25.
Table and seat or the like, Combined child's play. C. Matthiesen. 138,430; Dec. 12.
Table and wall plaque, Combination. H. C. Doner. 137,941; May 9.
Table, Child's feeding and play. A. E. Puls and E. B. Swenson. 137,951-5; May 23.
Table, Child's feeding and play. A. E. Puls and E. B. Swenson. 138,068; June 13.
Table cloth, Lace. F. G. Hobden. 138,557; Aug. 15.
Tablecloth, Lace. F. G. Hobden. 138,580-81; Aug. 22.
Table cloth, Lace. H. Hooven. 138,556; Aug. 15.
Tablecloth, Lace. H. Hooven. 138,582-87; Aug. 22.
Tablecloth, Lace. P. P. Otto. 138,267-9; July 11.
Tablecloth, Lace. W. Wolf. 138,274; July 11.
Tablecloth or similar article. C. L. Beresh. 138,836-7; Sept. 19.
Tablecloth or similar article. M. Newport. 138,006; May 30.
Tablecloth or the like. K. C. Hoffmann. 138,841-4; Sept. 19.
Table, Coffee. F. Kramer. 137,684; Apr. 18.
Table, Dressing. W. H. Adams. 139,005; Oct. 3.
Table, Folding. O. J. Day. 138,493; Aug. 15.
Table or similar article. D. Rzucher. 139,764; Dec. 19.
Table or the like, Sewing. F. A. Davis. 139,719; Dec. 19.
Table, Picnic. P. A. Datz. 139,629; Dec. 5.
Table, Picnic. E. A. Trefel. 138,737; Sept. 12.
Table, Picnic. Wm. Gutman. 138,152; June 27.
Tank, Amphibian. G. F. Myers. 137,614; Apr. 11.
Tank, Amphibian. A. A. Stadler. 138,245; July 11.
Tank, Amphibian. R. D. Stieber. 139,540; Aug. 15.
Tank, Armored pilot. L. Ludwig. 138,036; June 13.
Tank, Water. G. W. Neddlake and R. H. Nordeen. 137,614; Apr. 11.
Tape measure, Portfolio and record book, Combined. H. Hoffmann. 137,476; Mar. 14.
Tape measuring similar article. R. V. Ganz. 139,092; Oct. 10.
Telephone communications substation set. V. A. Merrill. 138,044; Aug. 8.
Telephone. E. O. Mielenz. 138,951; Sept. 26.
Telephone handset. E. S. McLarn. 137,984; May 30.
Telephone signaling device. W. F. Sheffield. 137,298; Feb. 15.
Telephone. G. E. Kardux. 137,905; May 16.
Template, Drafting radius. C. M. Riddell. 137,150; Jan. 25.
Template, Draftsman's universal. A. Losier. 137,340; Feb. 22.
Template for constructing ellipses. A. J. Gilardi. 138,016; June 6.
Template for drawing ellipses. A. J. Gilardi. 138,017; June 6.
Template for drawing ellipses. A. J. Gilardi. 138,342; July 18.
Textile fabric. A. Lehmann. 137,254-6; Feb. 8.
Thermometer and barometer or the like, Combined. B. E. Lawrence. 137,746; Apr. 25.
Threader, Needle. S. A. de Waltoff. 139,509; Nov. 21.
Thumb turn for a door latch. C. Ledin. 137,203; Feb. 8.
Tie-back, Drapery. E. Herman. 138,802-3; Sept. 12.
Tieback or similar article. H. Tashman. 138,577; Aug. 22.
Tie back or similar article, Curtain. M. Roth. 139,556; Nov. 28.
Tile, Wall. J. N. McCammon. 138,256; July 11.
Tire. E. E. French. 138,908; Sept. 19.
Tire servicing tool. J. B. Jarrell. 138,572; Aug. 22.
Toaster, Electric. L. L. Von Cseh. 138,140; June 27.
Tobacco blender and humidor, Combined. J. Russell, Sr. 137,820; May 2.
Toboggan. J. A. Worden. 139,386; Nov. 7.
Tongs. W. Frank. 138,917; Sept. 26.
Tool, Brake shoe. R. B. Plumley. 139,161; Oct. 17.
Tool, Combination. J. E. Rowlett. 138,186; July 4.
Tool, Combination. O. L. Swenson. 138,750; Sept. 5.
Tool, Compound. Ernest T. Frisk. 137,408; Mar. 7.
Tool, Cutting. L. A. Smith. 138,187-9; July 4.
Tool for applying hose clamps or the like. H. H. Beardsley. 137,947; May 23.
Tool for installing conduit clips. E. M. Morehouse. 137,030; Jan. 11.
Tool for separating telescoped members or the like. C. L. Cope. 138,737; Sept. 5.
Toolholder, Diamond dressing. J. Krandall. 138,566; Aug. 22.
Tool, Marine cable. W. Tomsick. 137,414; Mar. 7.
Tool or similar article, Magnetic sounding. L. B. Nicholas. 137,666; May 9.
Tool, Shingle reed patching. [illegible]. 137,788; Apr. 25.
Tool, Tire. J. B. Lydle. [illegible]
Tool, Tire removing. J. Gr[illegible]. Sept. 12.
Toothbrush and holder, Combined. [illegible]. 138,532; Nov. 28.
Toothbrush, Fountain. H. M. [illegible]. Feb. 8.
Toothbrush, Rotary. C. L. [illegible]. Feb. 22.
Tooth facing, Artificial. [illegible]. Nov. 14.
Tooth powder and tooth brush case, Combined. J. H. Mathews. 138,080; June 6.
Top. E. R. Heenan. 138,494; Aug. 15.
Top. J. L. Henry. 139,622; Dec. 5.
Top. C. M. Kaltreider. 139,[illegible]; Nov. 14.
Top. R. C. Lewis. 139,[illegible]; Nov. 14.
Top. J. M. Miano. 139,[illegible]; Oct. 3.
Top. G. Mielke. 138,[illegible]; July 11.
Top. L. E. Pellard. [illegible]. Aug. 8.
Top. R. B. Ryder. [illegible]. Aug. 15.
Top. A. A. Share. 138,511; Sept. 19.
Top. C. M. Kaltreider. 139,[illegible]; Nov. 14.
Top. R. C. Lewis. 139,[illegible]; Nov. 7.
Top. J. C. Wagerteseder. 137,[illegible]; May 2.
Top. F. L. Weireter. 138,[illegible]; July 11.
Toy airplane. D. H. Faber. 139,744; Dec. 19.
Toy airplane. D. W. Mason. 138,658; Aug. 29.
Toy airplane. F. F. Richter. 138,[illegible]; Aug. 8.
Toy airplane. F. C. Wasson. 138,[illegible]; July 18.
Toy airplane bomber. H. Einig. 138,647; June 6.
Toy airplane or similar article. E. W. Wiser. 136,966; Jan. 4.
Toy alligator. J. O. Reinecke. 137,710; Apr. 18.
Toy animal block. E. Nudelman. 138,229; July 11.
Toy animal blocks, Set of. E. Nudelman. 139,806; Dec. 26.
Toy animal figure. E. Peruggi. 138,462-6; Aug. 8.
Toy animal figure. E. Peruggi. 138,476; Aug. 8.
Toy animal figure. E. Peruggi. 139,195; Oct. 17.
Toy bank. J. L. Darling. 137,700; May 2.
Toy bear or similar article. E. Harpignies. 137,949; May 23.
Toy book. H. W. Maienthau. 137,686; Apr. 18.
Toy cannon. M. Baron. 138,122; June 20.
Toy chest. E. Strand. 137,361; Feb. 29.
Toy commando tommy gun. O. S. Annable. 138,667; Aug. 29.
Toy cricket. J. O. Reinecke. 137,692; Apr. 18.
Toy doll. F. R. Haedge. 137,637; Apr. 11.
Toy duck. E. J. Aymuna. 138,[illegible]; July 18.
Toy duck. M. J. Weggel. 139,300; Oct. 31.
Toy erector block. E. Nudelman. 138,226; July 11.
Toy, Figure. R. C. Flynt. 137,490; Mar. 21.
Toy, Figure. J. H. Miller. 138,087; June 13.
Toy, Figure wheeled. E. Peruggi. 138,657-8; Aug. 29.
Toy fish. J. O. Reinecke. 137,693; Apr. 18.
Toy giraffe. N. F. Groh. 138,092; Sept. 5.
Toy giraffe. J. O. Reinecke. 137,695; Apr. 18.
Toy glass airplane for candy pellets. J. H. Millstein. 138,778; Sept. 12.
Toy gun. L. G. Balantyne. 136,967; Jan. 4.
Toy gun. B. E. Cousins. 138,116; June 20.
Toy gun. S. E. Dahlquist. 139,679; Dec. 12.
Toy gun. R. G. Swanson. 138,190; July 4.
Toy gun. J. F. and T. H. Thomas. 137,151; Jan. 25.
Toy gun. J. F. Wolf. 137,257; Feb. 8.
Toy gun, Noise making. G. L. Bumbaugh. 136,948; Jan. 4.
Toy helicopter or similar article. A. P. Swanson. 138,804; Sept. 12.
Toy horse. N. F. Groh. 138,793; Sept. 12.
Toy house. E. Hers. 137,371; Feb. 29.
Toy, Infant's suspension bar. E. Nudelman. 138,230; July 11.
Toy lamb. N. F. Groh. 138,091; Sept. 5.
Toy landing barge. J. E. Gibson, Jr. 138,000; May 30.
Toy locomotive and tender, Combined. E. Hickling. 138,711; Sept. 5.
Toy locomotive and tender, Combined. E. Hickling. 138,742; Sept. 5.
Toy machine gun. E. L. Jahnke. 137,538; Mar. 28.
Toy military tank. J. P. Donahue. 137,488; Mar. 21.
Toy or similar article. W. Kats. 138,744; Sept. 5.
Toy or similar article. W. Kats. 138,965; Oct. 3.
Toy or similar article. J. R. Rosenthal. 137,207; Feb. 8.
Toy or the like. M. Rappaport. 138,309; July 18.
Toy penguin. J. O. Reinecke. 137,694; Apr. 18.
Toy phonograph. J. E. Adair. 138,565; Aug. 22.
Toy pistol. H. U. Dermahl. 137,832; May 23.
Toy pistol. M. Hirsch. 138,455-6; Aug. 8.
Toy pistol. D. Krechman. 138,085; June 13.
Toy poodle dog. J. O. Reinecke. 137,715; Apr. 18.
Toy, Pull. J. Bunnell. 138,786; Sept. 12.
Toy, Pull. H. Gold. 138,018-19; June 6.
Toy, Puppet. R. K. Ostrander. 138,220-4; July 11.
Toy, Push. G. Bauerle. 138,642; Aug. 29.
Toy, Push. E. F. Wilson. 138,191; July 4.
Toy rabbit. E. J. Weggel. 139,276; Oct. 31.
Toy revolver. C. F. Bollmeier. 138,568; Aug. 22.
Toy rocker. W. J. Kramer. 139,016; Oct. 3.
Toy, Rotary. J. Cuomo. 138,087; June 6.
Toy tank. O. F. Larsen, Jr. 138,729; Sept. 5.

Toy tank. E. P. Lutz. [illegible]. 27.
Toy telephone. G. [illegible]. Feb. 1.
Toy tommy [illegible]. Feb. 1.
Toy top. C. J. Da[illegible]. 11.
Toy top. C. J. Da[illegible]. 11.
Toy tractor. J. P. [illegible]. June 6.
Toy trailer truck. [illegible]. June 6.
Toy train. M. Baron. [illegible]. June 6.
Toy truck. C. L. Bacon. [illegible]. 6.
Toy truck. J. R. Coffman. [illegible]. 6.
Toy truck and stake body. [illegible]. E. Hickling. 139,177-8; Oct. 17.
Toy tank. Military. [illegible]. 137,103; Jan. 18.
Toy turtle. [illegible]. Apr. 18.
Toy vehicle. [illegible]. Sept. 5.
Toy vehicle. [illegible]. Aug. 15.
Toy vehicle. [illegible]. Aug. 1.
Toy wagon. [illegible]. 4.
Toy walker [illegible]. 138,006; May 30.
Toy wheelbarrow and rocker, Combination. L. A. Goodman and N. S. Levy. 137,[illegible]. Apr. 4.
Toy, Wheeled. R. C. Flynt. 137,[illegible]. Apr. 25.
Toy, Wheeled. J. T. Generaux. 137,[illegible]. Mar. 21.
Tractor. G. W. Walker. 139,[illegible]. Dec. 5.
Trainer, Motorized preflight. V. S. Jensen. 139,664; Dec. 5.
Trainer, Pre-flight aircraft pilot. V. S. Jensen. 139,249; Oct. 24.
Transfer sheet for chinaware or the like, Ornamental. T. R. Gluck. 139,521; Nov. 28.
Traveler for spinning ring. W. M. Camp. 139,637; Dec. 5.
Traveler for twisting ring. W. M. Camp. 139,638; Dec. 5.
Tray and lap table, Combined service. E. R. Morando. 138,352; July 18.
Tray and medicine holders, Combined. A. M. Rothbardt. 139,249; Nov. 7.
Tray and statuette, Combined ash. R. K. Pohl. 138,069; June 6.
Tray, Ash. A. W. Becker. 138,726; Sept. 5.
Tray, Ash. S. L. Gerson. 138,298; July 11.
Tray, Ash. W. C. Hamilton. 139,227; Oct. 31.
Tray, Ash. G. A. Lapprice. 138,731; Sept. 5.
Tray, Ash. H. S. Stromeich. 138,094; June 13.
Tray, Beverage serving. W. L. Wentling. 139,560-2; Nov. 28.
Tray, Capsule. F. L. Wachter. 138,968; Oct. 3.
Tray, Cigarette. C. E. McCormick. 137,513; Mar. 21.
Tray, Communion cup. A. P. Lindblad. 138,433; Aug. 8.
Tray, High chair. P. J. Nordby. 137,442; Mar. 14.
Tray, Ice cube. J. A. Gits. 137,122; Jan. 25.
Tray or similar article. L. L. Lesiak and J. H. Shows. 137,598; Apr. 4.
Tray or similar article. W. D. Weeks. 138,358; July 18.
Tray or similar article, Letter. C. E. Jones. 139,823; Dec. 26.
Tray or similar article, Soap. F. E. Reefe. 137,131; Jan. 25.
Tray or the like, Ash. E. R. Wood. 138,295; July 11.
Tricycle or similar article. H. G. Hanson. 139,802; Dec. 26.
Trimming, Embroidered. J. Goldfrank. 137,642-3; Apr 11.
Trimming, Embroidered. J. Goldfrank. 139,450-1; Nov. 14.
Trimming, Embroidered. M. Jarlien. 137,925; May 16.
Trimming, Embroidered. H. Krieger. 138,376-7; July 25.
Trimming, Embroidered. H. Krieger. 138,540; Aug. 15.
Trimming or similar article, Embroidered. N. M. Rosenbaum. 137,499; Mar. 21.
Trimming or similar article, Embroidered. N. M. Rosenbaum. 138,944-5; Sept. 26.
Trimming or similar article, Embroidered. H. Tobler. 136,963-4; Jan. 4.
Trimming or similar article, Embroidered. H. Tobler. 137,007-22; Jan. 11.
Trimming or similar article, Embroidered. H. Tobler. 137,066-7; Jan. 18.
Trimming or similar article, Embroidered. H. Tobler. 137,289; Feb. 15.
Trimming or similar article, Embroidered. H. Tobler. 137,365; Feb. 22.
Trimming or similar article, Embroidered. H. Tobler. 137,447; Mar. 14.
Trimming or similar article, Embroidered. H. Tobler. 138,145-7; June 27.
Trimming or similar article, Embroidered. H. Tobler. 138,231-6; July 11.
Trimming or similar article, Embroidered. H. Tobler. 138,890-5; Sept. 26.
Trimming or similar article, Embroidered. H. Tobler. 139,269-75; Oct. 31.
Trimming or similar article, Embroidered. H. Tobler. 139,810-12; Dec. 26.
Trimming or the like, Embroidered. J. Wiener. 137,896; May 16.
Trimming or the like, Embroidered. J. Wiener. 137,898-902; May 16.
Trimming or the like, Embroidered. J. Wiener. 137,415-16; Mar. 7.
Trimming or the like, Embroidered. J. Wiener. 137,957; May 23.
Trimming or the like, Embroidered. J. Wiener. 138,404; Aug. 1.
Truck. G. W. Walker. 139,637; Dec. 5.
Truck for a traveling crane. R. J. Stoddard, W. Niessen, and C. Milnar. 139,752; Dec. 19.
Truck for golf clubs, Hand. A. H. Jonson. 139,707; Dec. 12.
Truck, Lift. G. V. Johnson. 139,179; Oct. 17.
Truck, Lift. G. V. Johnson. 139,759; Dec. 19.
Truck, Linen. W. H. Adams. 137,629; Apr. 4.
Truck, Shelf. W. H. Adams. 139,534; Nov. 28.
Tube, Vacuum. W. W. Eitel and J. A. McCullough. 138,537; Aug. 15.
Tubular member for metal furniture stanchions, guard rails, or the like. A. L. Heck. 138,065; June 13.
Tumbling apparatus. G. E. Huenerfauth. 139,460; Nov. 21.
Tumbling machine. G. E. Huenerfauth. 139,461; Nov. 21.
Turret injection machine. W. Ernst and R. Thoreson. 138,972; Oct. 3.
Tweezer. J. M. Sbonta. 138,784; Sept. 12.
Umbrella or similar article. E. E. Seidls. 138,524; Aug. 15.
Undergarment or the like for women. E. Bissett. 137,852; Mar. 28.
Uniform or similar article. W. D. Kellar. 137,621; Apr. 4.
Urn or similar article, Flower. N. V. Cristantello. 138,065; June 6.
Utensil closure, Cooking. J. H. Chandler and M. J. Zimmer. 139,236; Oct. 24.
Utensil, Cooking. D. Chapman and J. H. Chandler. 138,011; June 6.
Vacuum pump. G. A. Becker. 137,485; Mar. 21.
Valve. F. F. Meisner. 138,823; July 18.
Valve and vacuum breaker for water systems, Combined. L. N. Bossey. 137,700; Apr. 18.
Valve check. C. Pool. 138,144; June 27.
Valve check. C. Pool. 138,183-4; July 4.
Valve check. C. Pool. 138,826; July 18.
Valve check. C. Pool. 139,152; Oct. 17.
Valve check. C. Pool. 139,450; Dec. 26.
Valve for mud pump lines. P. M. Fee. 138,690; Aug. 22.
Valve seat and overflow pipe, Combined. W. H. Patten. 138,613; Aug. 22.
Vase. G. M. Shaw. 137,998; May 30.
Vase, Flower. A. F. Richards. 137,178; Feb. 1.
Vase or similar article. A. B. Thienhaus. 138,736; Sept. 12.
Vase or similar article of manufacture. G. E. White. 138,403; Aug. 1.
Vehicle and package carriage, Combined child's. W. H. Wade. 137,036; Jan. 11.
Vehicle, Child's. A. Streater. 138,785; Sept. 12.
Vehicle for children. A. F. Call. 138,468; Aug. 8.
Vehicle or the like. V. R. Trabucco. 138,758; Sept. 5.
Vending machine cabinet. P. Schladermundt and C. L. Metzler. 137,822; May 2.
Venetian blind. N. B. Wales. 137,136; Jan. 25.
Ventilator for flues or stacks, Rotary head. B. M. Lutze. 138,172; June 27.
Ventilator, Porthole. E. Rambusch. 138,326; July 18.
Vessel or the like, Cooking. N. Shaeffer. 138,848; Sept. 19.
Vessel or the like, Cooking. J. B. Swan. 138,849; Sept. 19.
Vest. B. Chalk. 137,259; Feb. 8.
Vestee. F. Lustig. 138,127; June 20.
Vestee. H. Pons. 137,359; Feb. 22.
Violin or similar article. H. L. Miller. 139,861; Dec. 26.
Wagon, Child's play. C. E. Dodson. 136,950; Jan. 4.
Wagon or similar article, Coaster. S. Patner. 137,962; May 23.
Wagon or similar article, Tea. H. C. Doner. 139,245; Oct. 24.
Wagon, Station. G. W. Walker. 139,455; Nov. 14.
Waistcoat. E. Baner. 139,536; Nov. 28.
Walker and stroller, Combination baby. S. Branner. 138,923; Sept. 26.
Walker and stroller or similar article, Combination. J. E. Richardson. 136,934; Jan. 4.
Walker, Baby. H. Hopkins. 138,319; July 18.
Walker or similar article, Baby's. L. Peltier. 139,329; Oct. 31.
Wallpaper border or similar article. W. Burton. 137,074-5; Jan. 18.
Wallpaper border or similar article. W. Burton. 137,222; Feb. 8.
Wallpaper border or similar article. W. Burton. 137,405; Mar. 7.
Wallpaper border or similar article. W. Burton. 138,759-72; Sept. 12.
Wallpaper border or similar article. W. Burton. 138,789; Sept. 12.
Wallpaper border or similar article. W. Burton. 139,123-5; Oct. 10.
Wallpaper border or similar article. W. Burton. 139,266-7; Oct. 31.
Wallpaper or similar article. W. Burton. 137,037; Jan. 11.

Wallpaper or similar article. W. Burton. 137,076–84; Jan. 18.
Wallpaper or similar article. W. Burton. 137,095–105; Jan. 18.
Wallpaper or similar article. W. Burton. 137,223; Feb. 8.
Wallpaper or similar article. W. Burton. 137,361; Feb. 22.
Wall protector for electric flush switches. M. R. Kessler. 139,368; Nov. 7.
Wallet. R. S. Berens. 137,725–7; Apr. 25.
Wallet. R. S. Berens. 139,847. Dec. 26.
Wallet. C. Meyers. 137,556; Mar. 28.
Wallet. C. Meyers. 137,868–70; May 9.
Wallet. C. Meyers. 139,294; Oct. 31.
Wallet. C. Meyers. 139,429; Nov. 14.
Wallet. E. C. Renz. 138,100; June 13.
Wallet and case for keys and similar items, Combined. I. Wetterhahn. 137,470; Mar. 14.
Washboard. A. Loomis. 138,453; Aug. 8.
Washing machine. A. H. Gerhardt. 139,126; Oct. 10.
Washing machine casing or similar article. P. E. Geldhof. 137,418; Mar. 7.
Washing machine or similar article. P. E. Geldhof. 137,116; Jan. 25.
Watch and mirror, Combined. A. F. Ouellet. 137,270; Feb. 15.
Watch and picture frame, Combined lapel. S. P. Kaufman. 138,775; Sept. 12.
Watch band. R. H. Preas. 139,596; Dec. 5.
Watch band or article of similar nature. W. Diehl. 138,450; Aug. 8.
Watch case and strap therefor. Combined. M. L. Kramer. 139,143; Oct. 10.
Watch, Lapel fob. S. Plosky. 139,829; Dec. 26.
Water correction device, Self-energizing electrolytic. E. M. Butler. 137,236; Feb. 8.
Water correction device, Self-energizing electrolytic. E. M. Butler. 138,049; Sept. 26.
Weather vane and figure, Combined. F. J. Dubka. 138,647; Aug. 29.
Weeder, Finger claw. V. D. Brittingham. 136,947; Jan. 4.
Weeding and cultivating implement, Hand. E. Tuller. 137,329; Feb. 22.
Welt, Shoe. W. C. Wright. 137,071; Jan. 18.
Wheel, Aircraft control. J. K. Drew. 138,079; June 13.
Wheel, Automobile steering. W. H. Snow. 139,506; Nov. 21.
Wheelbarrow. W. F. Piper and J. J. Soldat. 138,300; July 11.
Wheel for valves and the like, Hand. G. F. Parkin. 137,737; Apr. 25.
Wheel unit for airplanes, Tail. H. A. Bensel. 137,181; Feb. 1.
Wheeled toy. E. M. Belknap. 139,591–2; Dec. 5.
Wheeled toy. A. N. Perry. 139,242; Nov. 7.
Whirling bowl toy. C. Davidson. 137,521; Mar. 28.
Whistle, Toy. E. Hughes. 137,981; May 30.
Winch. K. F. Potter, R. E. Ljungkull, and D. C. Gray. 138,425; Aug. 1.
Work holder, V-block. E. E. Tatro. 137,413; Mar. 7.
Workshed, Portable airplane. J. F. Blaski. 137,171; Feb. 1.
Wrench. W. B. Graham. 138,569; Aug. 22.
Wrench. E. Matthews. 138,173; June 27.
Wrench. O. Swanstrom. 138,662; Aug. 29.
Wrench and spanner, Combined. O. Hardy. 138,515; Aug. 15.
Wrench, Jar. B. F. Hayden. 138,817; Sept. 19.
Wrench, Turnbuckle. I. H. Blanchard. 137,909; May 16.
Wrench unit or the like, Impact. C. E. Fitch. 138,417; Aug. 1.
Wringer, Mop. I. Siebert. 138,361; July 18.
Wrist watch and bracelet, Combined. G. Peyrot. 138,099; June 13.
Wrist watch and picture frame and strap therefor. Combination. C. R. Washam. 137,330; Feb. 22.
Writing unit or similar article, Desk. E. C. Hoffmann. 139,150; Oct. 17.
Yoke, Cow. G. L. Jenkins. 137,709; Apr. 18.

LIST OF DISCLAIMERS ARRANGED BY INVENTIONS

Abrasive and process of producing same. John H. Berger. No. 2,209,292; date of patent July 23, 1940; disclaimer filed May 5, 1944; v. 563; p. 1.
Accounting machine. John T. Davidson. Re. No. 21,051; date of patent Apr. 18, 1939; disclaimer filed Apr. 20, 1944; v. 562; p. 345.
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Aircraft. Edward Burke Wilford. Re. No. 21,306; date of patent Dec. 19, 1939; disclaimer filed Oct. 3, 1944; v. 568; p. 206.
Alkylation process. Ober C. Slotterbeck. No. 2,296,370; date of patent Sept. 22, 1942; disclaimer filed May 9, 1944; v. 563; p. 1.
Alkylation process. Eldon E. Stahly and Erwin M. Hattox. No. 2,204,194; date of patent June 11, 1940; disclaimer filed Jan. 22, 1944; v. 559; p. 543.
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NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

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Armstrong Nurseries, Inc.: *See*—
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Graham, Melville M., assignor.
Lammerts, Walter E., assignor.
Ott, William H., assignor.

Bourne, Benjamin A., assignor to United States Sugar Corporation, Clewiston, Fla. Variety of sugar cane. 655; Mar. 20.

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Cornell, Thelma, administratrix: *See*—
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Etter, Albert F., Ettersburg, assignor to G. C. Roeding, Jr., Niles, Calif. Crab apple tree. 658; June 5.

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Graham, Melville M., La Habra, assignor to Armstrong Nurseries, Inc., Ontario, Calif. Avocado tree. 662; Nov. 27.

Howard, Frederick H., assignor to Howard & Smith, Montebello, Calif. Rose plant. 663; Dec. 11.

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Morris, Theodore J., Van Nuys, assignor to Germain Seed and Plant Company, Los Angeles, Calif. Rose plant. 652; Mar. 6.

Ott, William H., Whittier, assignor to Armstrong Nurseries, Inc., Ontario, Calif. Cherimoya tree. 656; Mar. 27.

Prushek, Emil, Benton Harbor, assignor to R. M. Kellogg Co., Three Rivers, Mich. Chrysanthemum plant. 660; Oct. 9.

Roeding, George C., Jr.: *See*—
Etter, Albert F., assignor.

United States Sugar Corporation: *See*—
Bourne, Benjamin A., assignor.

University of Tennessee Research Corporation, The: *See*—
Drain, Brooks D., assignor.

Yoshioka, Tadao, Honolulu, Hawaii. Gardenia plant. 654; Mar. 13.

LIST OF PATENTEES

A. B. C. Steel Equipment Co. Inc.: *See*—
Brownlie, J., and Gerstenzang, assignors.
ATA Manufacturing Company, Inc.: *See*—
Franz, Frederick, assignor.
A. W. Cash Company: *See*—
Terry, Charles M., assignor.
Aaron, Harry, New York, N. Y., assignor to H. E. Page, Pasadena, Calif. Hair clipper. 2,381,867; Aug. 14.
Aasland, Byron T.: *See*—
Zink, W. L., Aasland, and Hauswirth.
Aasland, John L., Moline, Ill., assignor to International Harvester Company. Corn picker. 2,389,478; Nov. 20.
Abadie, Henry G., Kettleman North Dome Hills, assignor of one-half to F. G. Bradbury, Los Angeles, Calif. Method and apparatus for locating leaks in wells. 2,383,455; Aug. 28.
Abbe, Kenneth P., Longmeadow, Mass. Making aluminum forgings. 2,379,466; July 3.
Abbe, Kenneth P., Longmeadow, Mass. Making aluminum forgings. 2,379,467; July 3.
Abbot, Charles G., Washington, D. C. Variable speed governor. 2,367,254; Jan. 16.
Abbott, Albert L. L. F. Spencer, and A. Lichtenstein, Canton, Ohio, assignors to Diebold, Incorporated. Carburizing thin gauge armor plate. 2,373,369; Apr. 10.
Abbott, Boyd R.: *See*—
Brown, H. C., Jr., and Abbott.
Abbott, Edward J.: *See*—
Perry, W. L., and Abbott.
Abbott, Geoffrey J., Carshalton, assignor to P. I. V. Chain Gears Limited, London, E. C. 2, England. Transmission mechanism of the V-pulley type. 2,378,375; June 19.
Abbott, Harry H., Coldwater, Mich. Universal joint. 2,351,098; Aug. 7.
Abbott Laboratories: *See*—
Frost, Douglas V., assignor.
Jones, Robert L., assignor.
Moore, Marjorie B., assignor.
Moore, M. B., and Kirchmeyer, assignors.
Raiziss, G. W., Clemence, and Freifelder, assignors.
Abbott Machine Company: *See*—
Perry, W. L., and Abbott, assignors.
Abbott, Robert H., and T. A. Dickson, assignors to Colorado Iron Works Company, Denver, Colo. Drying and calcining furnace. 2,390,675; Dec. 11.
Abe, Philber A., Sidney, and H. H. Brown and M. A. Crosby, Dayton, assignors to The Monarch Machine Tool Co., Sidney, Ohio. Surface hardening metal areas of limited size. 2,378,890; June 26.
Abeel, George H., III, North Hollywood, assignor of one-third to C. B. Jamison, and one-third to C. Mason, Beverly Hills, Calif. Variable length propeller. 2,372,350; Mar. 27.
Abegg & Reinhold Co. Ltd.: *See*—
Abegg, Walter A., assignor.
Abegg, Walter A., assignor to Abegg & Reinhold Co. Ltd., Los Angeles, Calif. Reconditioning drill pipe. 2,378,525; June 19.
Abel, Charles F. and A. I. Lodwick, Lakeland, Fla. Glider. 2,368,109; Oct. 30.
Abel, George, Plainfield, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Electric power transmitter. 2,383,103; Aug. 21.
Abel, George H., Huntingdon Valley, Pa. Welder's protective cape. 2,388,234; Nov. 6.
Abel, Joseph C., Berwick, Pa., assignor to American Car and Foundry Company, New York, N. Y. Car underframe. 2,383,578; Aug. 28.
Abeles, Paul W., London, England. Half-tubular reinforced concrete beam for use in building construction. 2,375,744; May 15.
Abeles, Paul W., London, England. Construction of pitched roofs. 2,387,487; Oct. 23.
Abeles, Victor, Nashville, Tenn. Reducing the sulphur content of gasoline. 2,378,382; June 19.
Abell, Frank, Inglewood, Calif. Vehicle speed recording apparatus. 2,379,404; July 3.
Abell, Walter P., Quincy, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Impregnating apparatus. 2,372,755; Apr. 3.
Aber Engineering Works Incorporated: *See*—
Hirth, Bertrand D., assignor.
Abercrombie, Reid, Tamms, Ill. Railway switch mechanism. 2,376,952; May 29.
Abernathy, David W., assignor to Products Development, Inc., Chicago, Ill. Nonstroboscopic circuit for gaseous discharge devices. 2,368,090; Jan. 30.
Abernathy, David W., assignor to Products Development, Inc., Chicago, Ill. Gaseous discharge device. 2,369,767; Feb. 20.

Abernethy, John, Barberton, Ohio, assignor to The Babcock & Wilcox Company, Jersey City, N. J. Door latching mechanism. 2,383,032; Aug. 21.
Abington Textile Machinery Works: *See*—
Clark, Ernest, assignor.
Abraham, Leonard G., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signal wave transmission system. 2,379,055; June 26.
Abraham, Leonard G., Madison, and D. Mitchell, Bound Brook, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Acoustic measurement and apparatus therefor. 2,370,385; Feb. 27.
Abramowitz, William L.: *See*—
Kelley, M. J., and Abramowitz.
Abramowitz, William L., and Abramowitz.
Abrams, Armand J., and L. B. Cook, Dallas, Tex., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Impregnation of line with carbon. 2,380,008; July 10.
Abrams Instrument Company: *See*—
Abrams, T., Moore, and Karr, assignors.
Abrams, T., Moore, and Van Kirk, assignors.
Abrams, John M., Brooklyn, N. Y. Hole cutter for sheet material. 2,379,618; July 3.
Abrams, John R., Jersey City, N. J., assignor to Interchemical Corporation, New York, N. Y. Textile printing compositions. 2,381,868; Aug. 14.
Abrams, Oliver A., and O. Schubert, Portland, Oreg., assignors to The E. J. Bartells Company, Seattle, Wash. Fitting insulating cover. 2,390,632; Dec. 11.
Abrams, Talbert, M. B. Moore, and W. S. Karr, assignors to T. Abrams, doing business as Abrams Instrument Company, Lansing, Mich. Optical instrument. 2,386,228; Jan. 2.
Abrams, Talbert, M. B. Moore, and C. B. Van Kirk, assignors to Talbert Abrams, doing business as Abrams Instrument Company, Lansing, Mich. Contour finder. 2,369,634; Feb. 20.
Abrams, Victor R., Maplewood, N. J. Fluid cleaner. 2,369,649; Feb. 20.
Abrams, Victor R., Rockford, Ill. Armored ventilating shield. 2,376,331; May 22.
Abrams, Victor R., Detroit, Mich. Fluid conduit. 2,390,501; Dec. 11.
Abramson, Harry, Ventnor, N. J. Solderer or lead tool. 2,380,138; July 10.
Abramson, John H., and E. C. Swanson, assignors to Greenlee Bros. & Co., Rockford, Ill. Apparatus for disassembling and reassembling tracks. 2,387,551; Oct. 23.
Abrasive Company: *See*—
Scheer, Hubert J., assignor.
Abshire, Harold W., Oak Park, Ill. Method of and apparatus for treating substances. 2,369,123; Feb. 13.
Abzug, Israel, New York, N. Y. Garment. 2,385,178; Sept. 18.
Accessories Corporation: *See*—
Wicks, John D., assignor.
Acco Products, Inc.: *See*—
Kern, Emil, assignor.
Ace Glass Incorporated: *See*—
De Woody, Charles M., assignor.
Madine, John J., Sr., assignor.
Acken, Marshall F., Wilmington, Del., and J. C. Vyverberg, Jr., Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Nitration process. 2,370,437; Feb. 27.
Acken, Marshall F., and W. F. Filbert, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of alkali metal azides. 2,373,800; Apr. 17.
Acken, Marshall F., and R. M. Cavanaugh, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Purification of trinitrotoluene. 2,380,248; July 10.
Acken, Marshall F., Woodbury, N. J., and O. E. Olsen, Washburn, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Trinitrotoluene. 2,387,488; Oct. 23.
Acker, Albert J., assignor to Manning, Maxwell & Moore, Inc., Muskegon, Mich. Dolly. 2,389,584; Nov. 27.
Ackermann, Adolf G., St. Louis, Mo., assignor to The Allbright-Nell Company, Chicago, Ill. Carcass dipping apparatus. 2,383,835; Aug. 28.
Ackerman-Blaesser-Fezzey, Inc.: *See*—
Ackermann, E. L., and Crump, assignors.
Ackerman, Chester W., and E. A. Fierbaugh, Ashland, Ohio. Load protecting mechanism. 2,388,304; Nov. 6.
Ackerman, Edward L., and A. V. Crump, assignors to Ackerman-Blaesser-Fezzey, Inc., Detroit, Mich. Power-operated window regulator. 2,373,085; Apr. 10.

Ackerman, James E., Devon, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Strip-controlling device for sewing machines. 2,370,511; Feb. 27.
Ackerman, James E., Devon, and F. F. Zeier, Stratfield, Conn., assignors to The Singer Manufacturing Company, Elizabeth, N. J. Strip-guiding device for sewing machines. 2,376,646; May 22.
Ackermann, Walter E.: *See*—
McKinney, Corlus H., assignor.
Ackerson, Percy L., Cohasset, Mass. Level. 2,373,641; Apr. 17.
Ackley, Sherman G., South Gate, Calif. Fire block setter. 2,380,487; July 31.
Ackron, Albert, Chicago, Ill. Heating plant. 2,378,376; June 19.
Acme Aluminum Alloys, Inc.: *See*—
Cooper, Hugh S., assignor.
Acme Metal Goods Manufacturing Co.: *See*—
Gamache, Homer, assignor.
Acme Steel Company: *See*—
Childress, W. C., and Royal, assignors.
MacChesney, Chester M., assignor.
Wilson, Allen B., assignor.
Wognum, James N., assignor.
Acme Visible Records, Inc.: *See*—
Hopkins, Harry J., assignor.
Acrotorque Company, The: *See*—
Orshansky, Elias, Jr., assignor.
Sacchini, C. R., and Waterman, assignors.
Acrow (Engineers) Limited: *See*—
De Virier, William A., assignor.
Actiengesellschaft Joh. Jacob. Rieter & Cie.: *See*—
Häfeli, Jacob, assignor.
Acton, Frank J.: *See*—
Portman, Lawrence B. and R. H., and Acton.
Acton, Russel D., Chicago, Ill., assignor to International Harvester Company. Safety system for tractors. 2,377,303; June 5.
Adair, Paul F., Dayton, Ohio, assignor to Bendix Aviation Corporation, South Bend, Ind. Fuel feeding device. 2,372,306; Mar. 27.
Adam Frank Electric Company: *See*—
Adam, Frederick B., assignor.
Adam, Frederick B., St. Louis County, assignor to Frank Adam Electric Company, St. Louis, Mo. Operating mechanism for toggle type switches and circuit breakers. 2,368,083; Jan. 30.
Adams, Arthur A., Los Angeles, Calif., assignor to S. Karpen & Bros., Chicago, Ill. Cushion. 2,371,276; Mar. 13.
Adams, Arthur F.: *See*—
Clark, W. F., and Adams.
Adams, Arthur R., Glendale, Calif. Fastener. 2,380,568; July 31.
Adams, Arthur T., Chicago, Ill., assignor to Landon P. Smith, Inc., Irvington, N. J. Roller stippler. 2,368,513; Jan. 30.
Adams, Chester E., Highland, Ind., assignor to Standard Oil Company, Chicago, Ill. Resin from petroleum. 2,377,914; June 12.
Adams, Chester E., Highland, and B. H. Shoemaker, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Esters of acids of phosphorus. 2,372,244; Mar. 27.
Adams, Comfort A., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. High-speed direct current generator. 2,368,608; Jan. 30.
Adams, Dock, Whitesburg, Ky. Tape measuring and marking machine. 2,387,867; Oct. 30.
Adams, Donald L.: *See*—
Oehler, A. W., and Adams.
Adams, Elmer W., Hammond, and F. H. MacLaren, Munster, Ind., assignors to Standard Oil Company, Chicago, Ill. Steam cylinder lubricants. 2,373,733; Apr. 17.
Adams, Elmer W., Hammond, Ind., and G. W. Flint, assignors to Standard Oil Company, Chicago, Ill. Lubricants. 2,383,033; Aug. 21.
Adams, Eugene, Newark, N. J. Helicopter. 2,381,417; Aug. 7.
Adams, Floyd W., Huntington Park, Calif., assignor to The Celotex Corporation, Chicago, Ill. Making composite siding and roofing. 2,390,045; Dec. 4.
Adams, Frederic H.: *See*—
Conn, R. C., Adams, and Goulding.
Lecher, H. Z., Hardy, and Adams.
Swain, R. C., and Adams.
Adams, Frederic H., and W. B. Hardy, Bound Brook, N. J., assignors to American Cyanamid Company, New York, N. Y. Stabilization of coloring compositions containing diazonium salts. 2,378,276; June 12.
Adams, Frederic H., Bound Brook, H. Z. Lecher, Plainfield, and W. B. Hardy, Bound Brook, N. J., assignors to American Cyanamid Company, New York, N. Y. Stabilization of coloring compositions containing diazonium salts. 2,386,646; Oct. 9.

Adams, Frederick W., Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Polishing of glass surfaces. 2,366,825; Jan. 9.
Adams, Frederick W., Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Fortification of glass surfaces. 2,377,062; May 29.
Adams, Frederick W., Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Providing matte surfaces upon glass. 2,381,479; Aug. 7.
Adams, Harold A., Bakersfield, and M. Eichelberger, Kernville, Calif., assignors to E. A. B. Incorporated Internal-combustion engine charge forming device 2,386,765; Oct. 16.
Adams, Harold W.: *See*—
Burton, E. F., Adams, and Wheelon.
Adams, Harold W., Santa Monica, and W. B. Klemperer, West Los Angeles, Calif., assignors to Bendix Aviation Corporation, Bendix, N. J. Transmission. 2,377,199; May 29.
Adams, Henry H.: *See*—
Clifford, W. J., and Adams.
Adams, Joseph C., East Orange, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Magnetic pickup device. 2,381,097; Aug. 7.
Adams, Leon M.: *See*—
Gerhart, H. L., and Adams.
Adams, O. J.: *See*—
Campbell, Vernon H., assignor.
Adams, Merrill L.: *See*—
Hearne, G. W., and Adams.
Adams, Pierrepont: *See*—
Swain, R. C., and Adams.
Adams, Richard C., Cleveland Heights, assignor to The Sherwin-Williams Company, Cleveland, Ohio. Coating device. 2,378,900; June 26.
Adams, Robert C., El Cerrito, Calif. Portable elevator. 2,390,286; Dec. 4.
Adams, Silvan E., et al.: *See*—
Deavenport, Ben M., assignor.
Adams, Thomas O., Jr., and T. H. Troller, New Philadelphia, Ohio, assignors to La-Del Conveyor & Manufacturing Company. Adjustable pitch propeller mechanism. 2,390,068; Dec. 4.
Adams, William H., Jr., assignor to Haveg Corporation, Newark, Del. Pipe flange. 2,374,574; Apr. 24.
Adams, William S., Haverford, Pa. Internal-combustion engine. 2,383,836; Aug. 28.
Adamson, William D.: *See*—
Milburn, Paul W., and Adamson.
Addink, Nicolaas W. H., J. J. A. P. van Amstel, and N. Bos, Eindhoven, Netherlands; vested in the Alien Property Custodian. Blocking-laying rectifier. 2,381,025; Aug. 7.
Addressograph-Multigraph Corporation: *See*—
Gollwitzer, Walter T., assignor.
Hatfield, Robert L., assignor.
Morse, Lawrence H., assignor.
Phillips, H. B., and Springer, assignors.
Sand, Charles H., assignor.
Sandman, Robert C., assignor.
Adel Precision Products Corp.: *See*—
Eggert, Ronald E., assignor.
Eggert, R. E., and Le Vesconte, assignors.
Ellinwood, Herman R., assignor.
Jordan, Russ C., assignor.
Keble, Ottmar A., assignor.
Kelly, John W., assignor.
Kitts, William, assignor.
Le Vesconte, Harold J., assignor.
Morehouse, Eugene M., assignor.
Plumb, George W., assignor.
Robertson, Archibald, assignor.
Van Der Werff, Jacob B., assignor.
Adelhanof, Harry S.: *See*—
Schubert, A. J., and Adelhanof.
Adeline, Pierre, Sidcup, England. Manufacture of metals and alloys. 2,369,112; Feb. 6.
Adeline, Pierre, Sidcup, England, assignor to Thermoloys Limited, London, England. Manufacture of ferromanganese. 2,370,610; Feb. 27.
Adell, Harry E., Stafford, Kans. Bookrack for blackboards. 2,367,747; Jan. 23.
Adelman, Arthur, Chesaning, Mich. Propellent charge holder. 2,371,139; Mar. 13.
Adelman, Arthur, Chesaning, Mich. Antitank mine fuse. 2,376,332; May 22.
Adels, Sidney, Detroit, Mich., assignor to The Aviation Corporation, New York, N. Y. Babbitting. 2,381,797; Aug. 7.
Adelson, David E., Berkeley, and H. Dannenberg, assignors to Shell Development Company, San Francisco, Calif. Allyl ester resins and their preparation. 2,386,999; Oct. 16.
Adkerson, Branch O., New York, N. Y., assignor to American Telephone and Telegraph Company. Cable splicing apparatus. 2,377,394; June 5.
Adkins, Alonzo L.: *See*—
Dysart, W. L., and Adkins.
Adkisson, Glen E., Broken Bow, Okla. Vehicle anchor device. 2,376,318; May 15.

Adlake Company, The: *See*—
Kessler, Ward P., assignor.
Larson, Carl H., assignor.

Adlam, Thomas N., West Orange, assignor to Sarca Company, Inc., New York, N. Y. Steam and water mixing device. Re. 22,603; Feb. 20.

Adler Manufacturing Co., Incorporated, et al.: *See*—
Hultgren, A. P., Moore, Bennett, and Cummins, assignors.

Adler, Robert: *See*—
Morris, G. V., and Adler.

Adler, Rudolf, Montreal, Quebec, Canada. Activated carbon and producing the same. 2,377,063; May 29.

Adler, Rudolph, Montreal, Quebec, Canada. Water purifying and softening apparatus. 2,372,640; Apr. 3.

Admiral Corporation: *See*—
Iwashita, George K., assignor.

Adney, Adrian P.: *See*—
Barton, B. D., and Adney.

Adorjan, Paul, Kingston Hill, J. E. Nash, Beckenham, and R. W. Rogers, Hayes, England. Controlling automatically the speed of dynamoelectric machines. 2,366,167; Jan. 2.

Adrian, Joseph, assignor to The Turner Type Founders Company, Cleveland, Ohio. Paper handling machine 2,385,047; Sept. 18.

Adrian Production Tool Co.: *See*—
Melbourne, Robert W., assignor.

Advance Solvents & Chemical Corporation: *See*—
Mack, Gerry P., assignor.

Aeppli, Albert, assignor to Maag-Zahnräder und-Maschinen Aktiengesellschaft, Zurich, Switzerland. Device for rectifying the involute tooth-profile of gear grinding disks. 2,376,109; May 15.

Aeppli, Albert, assignor to Maag-Zahnräder und-Maschinen Aktiengesellschaft, Zurich, Switzerland. Machine for machining screw gears. 2,376,110; May 15.

Aero Engineering Corporation: *See*—
Briner, Emil A., assignor.

Aero Supply Mfg. Co, Inc.: *See*—
Cameron, Fred H., assignor.
Downey, George T., assignor.
Pain, Edwin F., assignor.

Aero Survey Corporation: *See*—
Cooke, Hereward L., assignor.

Aero Zipp Fasteners Limited: *See*—
Meitner, Béla, assignor.

Aerodynamic Research Corporation: *See*—
Crook, Louis H., assignor.

Aeronautical Machinery Corporation: *See*—
Bloch, Erich, assignor.

Aeronautical & Mechanical Investments Limited: *See*—
Arnot, Alfred, assignor.
Conway, Hugh G., assignor.

Aerovox Corporation: *See*—
Heyman, Sam, assignor.
Kalstein, Abraham G., assignor.
Waldman, S., and Coggins, assignors.

Aetna Iron & Steel Company, The: *See*—
Spaulding, Ralph E., assignor.

African Sisal & Produce Company Limited: *See*—
Browne, Rowland J., assignor.

Aga-Baltic Aktiebolag: *See*—
Aulin, Evert, assignor.
Granqvist, Carl-Erik, assignor.
Rulin, Rune, assignor.

Aga Metal Tube Company: *See*—
McMinn, W. W., and Brant, assignors.

Agens, Maynard C., Schenectady, N. Y., assignor to General Electric Company. Synthetic resinous compositions. 2,373,527; Apr. 10.

Aget Manufacturing Company: *See*—
Ruskirk, Elmore E., assignor.
Gilmore, Harry L., assignor.

Aghnides, Elie, New York, N. Y. Motor vehicle. 2,372,043; Mar. 20.

Agnew, Norman F., and W. P. Place, Wilkinsburg, Pa. Electrical fence charging apparatus. 2,375,458; May 8.

Agnew, Robert D., Coalinga, Calif., assignor to Schlumberger Well Surveying Corporation, Houston, Tex. Well surveying instrument. 2,378,526; June 19.

Agnew, Robert J.: *See*—
Weetman, B., and Agnew.

Agnew, William Y., Little Silver, and S. S. Cole, Metuchen, N. J., assignors to National Lead Company, New York, N. Y. Halogenation. 2,378,675; June 19.

Agre, Courtland L., Minneapolis, Minn., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Photopolymerization. 2,367,660; Jan. 23.

Agre, Courtland L., Minneapolis, Minn., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Photopolymerization. 2,367,661; Jan. 23.

Agre, Courtland Le V., Minneapolis, Minn., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Making mixed esters. 2,381,888; Aug. 14.

Agre, Courtland L., and R. M. Leekley, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Esters. 2,378,169; June 12.

Agriculture, United States of America as represented by the Secretary of: *See*—
Altschul, A. M., and Karon, assignors.
Asbill, C. M., Jr., and Hill, assignors.
Balch, Royal T., assignor.
Balls, A. K., and Hale, assignors.
Balls, A. K., Hale, and Harris, assignors.
Barthel, W. F., and Haller, assignors.
Buts, Lewis W., assignor.
Coghill, R. D., and Milner, assignors.
Cowan, J. C., and Ault, assignors.
Cowan, J. C., and Teeter, assignors.
Fisher, C. H., and Fein, assignors.
Flynn, T. P., and Kramer, assignors.
Ford, Tirey Foster, assignor.
Gertler, Samuel I., assignor.
Gertler, S. I., and Haller, assignors.
Goldthwait, Charles F., assignor.
Johnston, A., and Le Compte, assignors.
Langford, C. T., and Slotter, assignors.
Lathrop, E. C., and Aronovsky, assignors.
Lauer, Walter M., assignor.
Lineweaver, H., and McCready, assignors.
Maclay, W. D., and Nielsen, assignors.
Morell, Samuel A., assignor.
Nudenberg, Walter, assignor.
Orchin, M., and Buts, assignors.
Palkin, S., and Hall, assignors.
Ratchford, W. P., and Fisher, assignors.
Reed, Jesse O., assignor.
Rehberg, C. E., and Fisher, assignors.
Riemenschneider, R. W., and Turer, assignors.
Ross, W. H., Shipley, Mullins, and Hardesty.
Smith, A. K., Max, and Wheeler, assignors.
Smith, Wiley C., assignor.
Stamm, A. J., and Turner, assignors.
Tilley, Frank W., assignor.
Wells, P. A., and Riemenschneider, assignors.
Willaman, John J., assignor.
Woodward, C. F., Eisner, and Haines, assignors.

Agule, George J.: *See*—
Skehan, J. W., and Agule.

Ahern, Edward T., deceased, New Haven, Conn.; I. D. Ahern, administratrix. Powder container and blower package. 2,366,702; Jan. 9.

Ahern, Edward T., New Haven, Conn.; I. D. Ahern, administratrix of said E. T. Ahern. Powder dispenser package. 2,372,154; Mar. 20.

Ahern, Edward T., deceased, New Haven Conn.; I. D. Ahern, administratrix. Apparatus for inflating and deflating an expansible plug by means of a liquid content. 2,378,367; June 12.

Ahern, Irene D., administratrix: *See*—
Ahern, Edward T.

Ahier, Jean, and R. Hardy, Lyon, France; vested in the Alien Property Custodian. Indicating system particularly for the measure of angles. 2,380,929; Aug. 7.

Ahlberg, Jacob E.: *See*—
Lee, E. C., and Ahlberg.
Thomas, C. L., and Ahlberg.

Ahlberg, Jacob E., assignor to Universal Oil Products Company, Chicago, Ill. Catalytic conversion of hydrocarbons. 2,374,404: Apr. 24.

Ahlberg, Jacob E., and C. L. Thomas, assignors to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,369,001; Feb. 6.

Ahlberg, Jacob E., and C. L. Thomas, assignors to Universal Oil Products Company, Chicago, Ill. Manufacture of catalysts. 2,382,951; Aug. 21.

Ahlstrom, William M., Mentor, and R. J. Tischler and F. H. Parsons, Fairport Harbor, Ohio. Fluid meter. 2,367,176; Jan. 16.

Ahmer, Carl W.: *See*—
Wood, K. R., and Ahmer.

Ahrndt, Arthur H., assignor to U. S. Slicing Machine Company, La Porte, Ind. Tool. 2,367,552; Jan. 16.

Ahrndt, Arthur H., assignor to U. S. Slicing Machine Company, La Porte, Ind. Cabinet. 2,376,411; May 22.

Aicher, John O.: *See*—
Campbell, J. H., and Aicher.

Aiken, Charles B., North Plainfield, N. J., assignor to Schlumberger Well Surveying Corporation, Houston, Tex. Electrical method and apparatus for logging boreholes. 2,388,896; Nov. 13.

Aiken, Charles B., North Plainfield, N. J., assignor to Schlumberger Well Surveying Corporation, Houston, Tex. Electrical logging. 2,390,409; Dec. 4.

Aiken, Thomas M., Pittsburgh, Pa. Camera diaphragm. 2,369,199; Feb. 13.

Aiken, Thomas McG., Pittsburgh, Pa. Camera shutter. 2,391,377; Dec. 25.

Ainsworth, J. Anna, et al.: *See*—
Emerson, Arthur J., assignor.

Airadio Incorporated: *See*—
Schonert, K. E., and Hatfield, assignors.

Air Associates, Incorporated: *See*—
Crow, Harold I., assignor.

Air Balance Instrument Co.: *See*—
Sutliffe, F. C., and Ashley, assignors.

Air Communications, Inc.: *See*—
Erickson, Carl V., assignor.

Aircooled Motors Corporation: *See*—
Doman, Carl T., assignor.

Aircraft Accessories Corporation: *See*—
Benaway, Bernard G., assignor.

Aircraft-Marine Products, Inc.: *See*—
Buchanan, Stephen N., assignor.
Carlson, Vernon E., assignor.
White, Harry B., assignor.

Aircraft Mechanics, Inc.: *See*—
Brown, Terrill O., assignor.

Aircraft Parts Development Corporation: *See*—
Ellis, R. M., and Hungerford, assignors.

Aircraft Screw Products Company, Inc.: *See*—
Camines, Harold, assignor.
Cram, Harkness W., assignor.
Cram, H. W., and Eckener, assignors.
Dawson, Hector G., assignor.
Eckener, Erwin, assignor.
Haas, Otto, assignor.
Hawkins, James R., assignor.
Lang, Eugene M., assignor.
Patterson, Chester L., assignor.

Aireon Manufacturing Corporation: *See*—
Benaway, Bernard G., assignor.
Middleton, Ralph E., assignor.

Air-Maze Corporation: *See*—
Glanzer, Clarence J., assignor.
Walton, George M., assignor.

Airoast Corporation: *See*—
Goldfine, Wesley R., assignor.

Airplane Manufacturing & Supply Corporation: *See*—
Mabery, Nelson, assignor.

Air Preheater Corporation, The: *See*—
Holm, Sven, assignor.
Holm, S., and Vickland, assignors.
Landwier, William G., assignor.
Yerrick, W. D., and Jensen, assignors.
Yerrick, W. D., and Waitkus, assignors.

Air Reduction Company, Incorporated: *See*—
Anderson, James L., assignor.
Balcar, Frederick R., assignor.
Blashfield, Floyd A., assignor.
Deming, George M., assignor.
Dennis, Wolcott, assignor.
Giekler, John T., assignor.
Hamilton, James K., assignor.
Heidbrink, Jay A., assignor.
Hughey, Howard G., assignor.
Lorch, Arthur E., assignor.
Metzger, Floyd J., assignor.
Place, Leonard H., assignor.
Smith, Stephen, assignor.
Tollefson, Richard C., assignor.
Tyrner, Joseph M., assignor.
Walker, George L., assignor
Wynn, Clayton S., assignor.

Air-Shields, Inc.: *See*—
Hahn, Lewis F., assignor.

Air-Way Electric Appliance Corporation: *See*—
Nuffer, J. H., and Latta, assignors.

Aitchison, Adam G.: *See*—
Petering, W. H., and Aitchison.

Aitchison, Adam G., Westfield, and W. H. Petering, Metuchen, N. J., assignors to Westvaco Chlorine Products Corporation, New York, N. Y. Degreasing process. 2,371,645: Mar. 20.

Aitelli, Silvio M., Newark, N. J. Tractional refuse or like can. 2,366,299; Jan. 2.

Ajax Engineering Corporation: *See*—
Tama, Mario, assignor.
Tama, M., and Hoff, assignors.
Tama, Manuel and M., assignors.
Tama, Manuel, and Mario, assignors.

Ajax Manufacturing Company, The: *See*—
Criley, William W., assignor.

Aker, Evender S., Belleville, N. J. Sectional journal means for shafts. 2,380,715; July 31.

Akerley, George A., San Francisco, Calif. Diesel engine. 2,377,200; May 29.

Akerman, John D., Minneapolis, and W. M. Boothby, A. H. Bulbulian, and W. R. Lovelace, II, Rochester, Minn. Sealed aviator's suit and helmet and means for controlling gas pressure and oxygen delivery therein. 2,390,233; Dec. 4.

Akers, Harrison R., Tyler, Tex. Guardrail clamp. 2,385,248; Sept. 18.

Akins, Jake, assignor of one-half to A. A. Dorman, Statesboro, Ga. Amphibious vehicle. 2,376,647; May 22.

Aklin, George H., assignor to Eastman Kodak Company, Rochester, N. Y. Telephoto lens. 2,378,170; June 12.

Aklin, George H., assignor to Eastman Kodak Company, Rochester, N. Y. Telephoto objective. 2,380,207; July 10.

Aklin, George H., assignor to Eastman Kodak Company, Rochester, N. Y. Rapid objective. 2,391,114; Dec. 18.

Akron Brass Manufacturing Company: *See*—
Glessner, Donald P., assignor.

Aksomitas, William E., Hartford, Conn., assignor to Hartford-Empire Company. Cooling glass articles. 2,390,910; Dec. 11.

Aktiebolaget Aerotransport: *See*—
Carlstein, Olof W., assignor.

Aktiebolaget Atlas Diesel: *See*—
Camner, Hilding G., assignor.
Granstedt, Karl E., assignor.

Aktiebolaget Bolinder-Munktell: *See*—
Wallgren, August G. F., assignor.

Aktiebolaget, C. E. Johansson: *See*—
Woxén, Ragnar, assignor.

Aktiebolaget Duba: *See*—
Persson, Sven H., assignor.

Aktiebolaget Defibrator: *See*—
Asplund, A. J. A., and Holst, assignors.

Aktiebolaget Formator: *See*—
Granstedt, Karl E., assignor.

Aktiebolaget Gotaverken: *See*—
Johansson, Johan E., assignor.

Aktiebologet Hammarbylampan: *See*—
Hesberger, Josef, assignor.
Wolff, Hans H., assignor.

Aktiebolaget J. C. Ljungman: *See*—
Eklund, Hans E., assignor.

Aktiebolaget Kamyr: *See*—
Richter, Johan C. F. C., assignor.

Aktiebolaget Kardbeslag: *See*—
Schaub, André H., assignor.

Aktiebolaget Kemiska Patenter: *See*—
Lehrecke, Hans, assignor.

Aktiebolaget Milo: *See*—
Lysholm, Alf, assignor.

Aktiebolaget Sangfabriken: *See*—
Ericsson, Tore, assignor.

Aktiebolaget Separator: *See*—
Forsberg, Erik A., assignor.
Stigen, Alf L., assignor.

Aktiebolaget Separator-Nobel: *See*—
Engel, Bruno K., assignor.

Aktiebolaget Svenska Carbidekontoret: *See*—
Nordholm, Karl S. J., assignor.

Aktiengesellschaft Adolph Saurer: *See*—
Bolli, Bernhard, assignor.

Aktiengesellschaft Brown, Boveri & Cie: *See*—
Beldi, Fritz, assignor.
Gaudenzi, Arthur, assignor.
Giger, Walter, assignor.
Huber, Jakob, assignor.
Jonas, Julius, assignor.
Moack, Walter G., assignor.
Pfenninger, Hans, assignor.

Aktiengesellschaft der Eisen- und Stahlwerke vormals Georg Fischer: *See*—
Stemmler, H., and Künzi, assignors.
Von Zelewsky, O., and Kunzi, assignors.

Aktiengesellschaft Fuer Technische Studien: *See*—
Gygi, Hans, assignor.
Villiger, Eugen, assignor.
Wiederkehr, Robert, assignor.

Aktiengesellschaft vormals B. Siegfried: *See*—
Demolis, André, assignor.

Aktiengesellschaft vormals B. Siefried: *See*—
Hirschmann, Heinrich, assignor.

Alabrune François, Chicago, Ill. Transportation method. 2,373,086; Apr. 10.

Alba, Ralph T.: *See*—
Wallerstein, J. S., Alba, and Farber.

Alben, Frank L.: *See*—
Brecht, W. A., and Alben.

Alben, Frank L., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Steam-turbine locomotive. 2,386,186; Oct. 9.

Alben, Frank L., and B. F. Langer, Pittsburgh, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Railway vehicle truck. 2,384,785; Sept. 18.

Alberding, Charles H., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 2,371,726; Mar. 20.

Albero, Andrew, Delaware Gardens, N. J. Cooling sewing machine needles. 2,373,734: Apr. 17.

Albers, John R., assignor to Wincharger Corporation, Sioux City, Iowa. Electric wind plant. 2,388,377; Nov. 6.

Albert Specialty Company: *See*—
Swartz, A. G., and Moore, assignors.

Albert, Walter L., Jr., Seminole, Okla., assignor to Phillips Petroleum Company. Hydraulic governor valve. 2,384,227; Sept. 4.

Albertine, Albert W.: *See*—
Eckhardt, F. F., Pearson, and Albertine.

Alberts, John R., Sioux City, Iowa, assignor to Wincharger Corporation. Electrical control system. 2,386,921; Oct. 16.

Alberts, Leon N., New York, N. Y. Corselet. 2,387,552; Oct. 23.

Albertson, Benjamin S., Jr., Lewes, Del., assignor of forty percent to F. Oaann, and twenty percent to H. D. Spencer, White Plains, N. Y. Cooling means for rapid firing guns. 2,376,321; May 22.

Albertson & Company, Inc.: *See*—
Albertson, Frank O., assignor.

Albertson, Frank O., assignor to Albertson & Company, Inc., Sioux City, Iowa. Abrasive disk. 2,385,249; Sept. 18.

Albertson, Jonathan Y.: *See*—
Sonneborn, J. R., and Albertson.

Albi Chemical Corporation: *See*—
Jones, G., and Juda, assignors.

Albin, Frederick G., Los Angeles, Calif., assignor to Radio Corporation of America. Sound recording method and system. 2,376,567; May 22.
Albin, Frederick G., Los Angeles, Calif., assignor to Radio Corporation of America. Electronic trigger method and circuit. 2,388,812; Nov. 13.
Albrecht, Gilmon F., Madison, Wis. Bottle disposal rack. 2,394,870; Sept. 18.
Albrecht, Lewis, Mahwah, N. J. Supporting column for tanks and the like. 2,387,969; Oct. 30.
Albrecht, Martin L., and J. G. Birn, assignors to F. W. Brehmer Machine & Tool Co., Cincinnati, Ohio. Clamp. 2,381,480; Aug. 7.
Albrecht, Otto: *See*—
Graenacher, C., Sallmann, Albrecht, and Frei.
Albrecht, Otto, Neue Welt, near Basel, C. Graenacher, Richen, and R. Sallmann, Bottmingen, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Triazine condensation products and making same. 2,374,259; Apr. 24.
Albrecht, Otto, Neue-Welt, near Basel, assignor to the Swiss firm of Society of Chemical Industry in Basle, Basel, Switzerland. Rendering fibrous textile materials fast to slipping. 2,390,046; Dec. 4.
Albright, Robert B., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Frequency modulation detector and converter. 2,378,819; June 19.
Albunger, James R., Hollywood, Calif., assignor to Radio Corporation of America. Photographic fixing method. 2,387,000; Oct. 16.
Alcantara, Armando J., Yermo, Calif. Wave motor. 2,378,966; June 26.
Alco-Gravure Division of Publication Corporation: *See*—
Kott, Hermann, assignor.
Alcorn, Arnold S.: *See*—
Gagnon, T. J., and Alcorn.
Alcumbrack, Lyle: *See*—
Wilson, Robert C., assignor.
Alden, Herbert W.: *See*—
Spiller, W. R., Alden, and Super.
Alden, Herbert W., L. B. Buckendale, and R. K. Super, assignors to The Timken-Detroit Axle Company, Detroit, Mich. Brake mechanism. Re. 22,604; Feb. 20.
Alder, Roy F.: *See*—
Downs, Austin H., assignor.
Alderfer, Sterling W., assignor of one-half to E. D. Andrews, Akron, Ohio. Fabric. 2,373,801; Apr. 17.
Alderfer, Sterling W., assignor of one-half to E. D. Andrews, Akron, Ohio. Portable container for compressed gases. 2,380,372; July 31.
Alderfer, Sterling W., assignor of ope-half to E. D. Andrews, Akron, Ohio. Handling elastic thread and product thereof. 2,380,373; July 31.
Alderfer, Sterling W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Oven for manufacturing continuous rubber articles. 2,381,387; Aug. 7.
Alderman, Artis, Lincoln Park, Mich. Cultivator attachment for tractors. 2,390,767; Dec. 11.
Alders, William H., Youngstown, Ohio, assignor to Pesco Products Co. Suction relief valve. 2,367,989; Jan. 23.
Alderson, Witty L., Jr.: *See*—
Coffman, D. D., and Alderson.
Alderson, Witty L., Jr., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Resinous compositions and articles of manufacture comprising them. 2,374,067; Apr. 17.
Alderson, Witty L., Jr., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Obtaining cork-like products from polymers of ethylene. 2,387,730; Oct. 30.
Aldrich, Benjamin M., Stillwater, Okla. Quick opening and sealing envelope. 2,377,915; June 12.
Alexander, Claude H., and H. Tucker, Cuyahoga Falls, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Polymerization of vinyl halides. 2,366,306; Jan. 2.
Alexander, David J., Philadelphia, Pa. Physiotherapeutic apparatus. 2,382,841; Aug. 14.
Alexander, Donald B., trustee, et al.: *See*—
Schmitt, Arthur J., assignor.
Alexander, Donald F: *See*—
Kuhn, A. J., Alexander, and Hornaday.
Alexander, Donald F., Oakwood, assignor to General Motors Corporation, Dayton, Ohio. Protector. 2,388,084; Jan. 30.
Alexander, Donald F., Oakwood, assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,374,967; May 1.
Alexander, Donald F., assignor to General Motors Corporation, Dayton, Ohio. Control means for Diesel engines. 2,373,735; Apr. 17.
Alexander, Donald F., Oakwood, assignor to General Motors Corporation, Dayton, Ohio. Temperature control. 2,372,307; Mar. 27.
Alexander, Edith F., Haverford, Pa. Luggage carriage. 2,375,338; May 8.
Alexander, Ford L., Whittier, Calif. System for detonating explosives in deep wells or the like. 2,390,676; Dec. 11.
Alexander, Harvey B., Kenvil, N. J., assignor to Hercules Powder Company, Wilmington, Del. Propellent powder. 2,379,056; June 26.
Alexander, John, Santa Cruz, Calif. Mill. 2,383,437; Aug. 28.
Alexander, John M., Lincoln, Nebr. Coin-controlled liquid dispensing apparatus. 2,384,585; Sept. 11.
Alexander, Paul, Berkhamsted, England. Thermal deposition of metals in a vacuum. 2,387,970; Oct. 30.
Alexander, Peter P., Marblehead, assignor to Metal Hydrides Incorporated, Beverly, Mass. Production of metal hydrides. 2,372,168; Mar. 27.
Alexander, Peter P., Marblehead, assignor to Metal Hydrides Incorporated, Beverly, Mass. Purification of metals. 2,375,198; May 8.
Alexander, Peter P., Marblehead, assignor to Metal Hydrides Incorporated, Beverly, Mass. Purification of metals. 2,375,199; May 8.
Alexander, Peter P., Marblehead, assignor to Metal Hydrides Incorporated, Beverly, Mass. Purification of barium. 2,375,200; May 8.
Alexander, Peter P., Marblehead, assignor to Metal Hydrides Incorporated, Beverly, Mass. Purification of strontium. 2,375,201; May 8.
Alexander, Peter P., Marblehead, assignor to Metal Hydrides Incorporated, Beverly, Mass. Production of hydrides of alkaline earth metals. 2,378,368; June 12.
Alexander, Walter C., Oswego, assignor to General Railway Signal Company, Rochester, N. Y. Highway crossing signal system. 2,366,690; Jan. 9.
Alexandersson, Harald V., and N. U. Hagren, Lidingo, assignors to Svenska Aktiebolaget Gasaccumulator, Lidingo, near Stockholm, Sweden. Record changer for phonographs. 2,390,862; Dec. 11.
Alexandrescu, Alexander M., Cleveland, Ohio. Automatic centrifugal hydraulic flywheel. 2,368,437; Jan. 30.
Alexandrou, Constantine, Brooklyn, N. Y. Steam boiler. 2,383,034; Aug. 21.
Alf, Alfred L.: *See*—
Doran, H. M., Jackson, and Alf.
Alfandre, Harry, Jamaica, N. Y. Supply holder. 2,374,717; May 1.
Alfandre, Harry, Jamaica, N. Y. Apparatus for mounting safety pins on cards. 2,378,171; June 12.
Alfandre, Harry, Jamaica, N. Y. Apparatus for mounting safety pins on cards. 2,378,172; June 12.
Alfandre, Ralph, Forest Hills, N. Y. Adjustable band for garments. 2,375,745; May 15.
Alfano, Alfonso: *See*—
Katz, J., and Alfano.
Alfonte, James R., U. S. Army, Fortville, Ind. Fork-lift truck. 2,388,458; Nov. 6.
Alford, Andrew, New York, N. Y., assignor to Federal Telephone and Radio Corporation. Radio beacon with quadrant identification. 2,367,177; Jan. 16.
Alford, Andrew, New York, N. Y., assignor to Federal Telephone and Radio Corporation. Antenna arrangement. 2,370,628; Mar. 6.
Alford, Andrew, New York, N. Y., assignor to Federal Telegraph Company, Newark, N. J. Glide path beacon. 2,373,090; Apr. 10.
Alford, Andrew, New York, N. Y., C. A. Segerstrom, Jr., Teaneck, N. J., and H. N. Capen, New York, N. Y., assignors to Federal Telephone and Radio Corporation, Newark, N. J. Antenna. 2,372,651; Apr. 3.
Alford, Andrew, Cambridge, Mass., and G. K. Patterson, New York, N. Y., assignors to Federal Telephone and Radio Corporation, Newark, N. J. Modulation circuit. 2,383,456; Aug. 28.
Alford, Andrew, and M. Fuchs, New York, N. Y., assignors to Federal Telephone and Radio Corporation. Antenna construction. 2,385,763; Oct. 2.
Alford, Edward L., and M. L. Martin, Chatham, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Noise shield for acoustic devices. 2,390,488; Dec. 11.
Alford, Joseph S., Nahant, Mass., assignor to General Electric Company. Turbosupercharger. 2,372,467; Mar. 27.
Alford, Joseph S., Nahant, Mass., assignor to General Electric Company. Centrifugal compressor. 2,377,740; June 5.
Alford, Joseph S., Nahant, Mass., assignor to General Electric Company. Gas turbine. 2,382,387; Aug. 14.
Alford, Joseph S., Nahant, Mass., assignor to General Electric Company. Gas turbine. 2,382,642; Aug. 14.
Alford, Joseph S., Nahant, Mass., assignor to General Electric Company. Gas turbine. 2,383,948; Sept. 4.
Alford, Lowell C.: *See*—
Smith, W. L., and Alford.
Alfred, Lawrence W.: *See*—
Merrill, M. S., and Alfred.
Alger, Harley C., Chicago, Ill. Intaglio printing. 2,373,087; Apr. 10.
Alger, Harley C., Chicago, Ill. Photoengraving or the like. 2,387,048; Oct. 16.
Algoma Net Company: *See*—
Anderegg, Edward W., assignor.
Alien Property Custodian: *See*—
Addink, N. W. H., van Amstel, and Bos.
Ahler, J., and Hardy.
Allard, Pierre J.-M. T.
Allard, Pierre Jean-Marie T.
Amiot, Felix.
Anschütz, Robert.
Anschütz, R., and Kämmel.
Antonelli, L., and Pavan.
Arsandaux, Louis.
Aurbach, Kurt.

Alien Property Custodian: *See*—Continued
Aurbach, Kurt, assignor.
Bardet, Gerard.
Barényi, B., and Wilfert.
Barth, Gustav.
Bauersfeld, Walther.
Bazille, Cyrille A.
Becker, W., and Maass.
Beer, L., Berg, and Gruber.
Beg, H., and Schmidt.
Behne, R., and Buhs.
Berg, H., and Dorlat.
Berg, H., and Helm.
Berges, Andre.
Berghaus, B., and Burkhardt.
Bergk, Hans.
Bernstorff, H., and Allendörfer.
Biefeld, Karl.
Bender, Karl.
Berthiez, Charles W.
Beyer, Werner K. R.
Biedermann, Friedrich.
Blechoff, Kurt.
Boenecke, Alfred.
Bormakovsky, Voldemar.
Bottaro, Giacomo.
Böttcher, Rudolf.
Boudin, Louis.
Boulet, Georges.
Brandl, Willi.
Bruylants, P., and Merckx.
Buck, Robert.
Burali, Romano.
Campfens, C. J., and Dalstra.
Caro, M., and Lambet.
Carol, Marius.
Chireix, Henri.
Cipolla, Manlio.
Cito, Cammilo.
Compagnon, P. H. M., and Le Bras.
Compare, Alberto.
Conradty, Ottmar.
Courcy, G., and Durand.
Coutor, Charles.
Cucchi, A., and Manzini.
Custers, Jakob.
D'Accadia, Eduardo U.
D'Aubarede, Paul C. A. M.
Dällenbach, W., Allerding, and Huttmann.
Dawihl, Walther, assignor.
de Bruijn, H., and Plusje.
Dekker, Arien.
De Lange, C., and Boucher.
Delloye, Andre L. C.
De Milleville, Marie J. M.
De Rohden, Charles.
Descarsin, Maurice.
Deutsch, Walther.
Dichter, Jakob.
Dietrich, Hans L.
Dippel, C. J., Keuning, Verkinderen, and Van Hoestenberghe, assignors.
Dorsman, Cornelis, assignor.
Duchaussoy, Camille.
Dupont, Emile.
Egersdörfer, Fritz.
Eggers, Hans.
Ehrenberg, Gustav.
Elian, John.
Elsner, G., and Schröder.
Engelhard, H., and Petri.
Estienne, Aimé.
Faillot, René.
Farnagó, Julius, assignor.
Farkas, Kálmán.
Feisst, W., Roelen, and Schuff.
Feron, Francois.
Fikentscher, H., and Roehm.
Fosse, H., Palou, and Lacombe.
Freudenberg, K., and Lautsch.
Freyssinet, Eugene.
Friedel, Georg.
Friedrichs, Werner.
Gallo, Gino.
Gamet, Pierre P.
Ganiayre, A., and Hardy.
Gastrow, Hans.
Gauthier, Gaston.
Gazda, Antoine.
Geffcken, W., and Berger,
Gehmlich, Bruno.
Gente, Ernst.
Gilli, Paul.
Gobin dit Daudé, Jean E. F.
Gosslau, F., Schmidt, and Welche.
Gosslau, F., Schmidt, and Zarnack.
Gräbener, Heins.
Grandel, Felix.
Guignard, Edwin M. F.
Haack, Erich, assignor.
Haas, Rudolf.
Hagedorn, Gerhard.
Hansen, Gerhard.
Hardy, René, and de Maertelaere.
Hausleiter, Fritz H., assignor.
Havlíček, Vítězslav.
Heckel, H., and Roelen.
Heim, Gerhard.
Heimbach, Bruno.
Heinen, Josef.
Henricot, Jacques F.
Hentrich, W., Engelbrecht, and Schirm.
Hentrich, W., and Gündel.
Hentrich, W., Kaiser, and Endres.
Hentrich, W., Schirm, and Engelbrecht.
Herbline, Célestin L.
Herkert, Louis.
Hermitte, Louis A.
Herold, P., Kaufmann, and Woerner.
Hertel, Heinrich.
Hertz, Jørgen.
Hessels, Johan H. E.
Higonnet, R. A., and Chereau.
Hijmans, Ernst.
Hinzze, R., and Engelmann.
Hoffmann, Georg.
Hueter, Richard.
Hunsdiecker, Heinz.
Hyprath, Walter.
Incagnoli, Venanzio.
Issaly, Raoul M. L.
Jalbert, Jean H., assignor.
Jasse, Raymond J.
Jastrzebski, Wincenty.
Jeremiassen, Finn.
Junghans, Helmut.
Kaiser, Heinrich.
Kämmel, Hugo E.
Kaschke, Kurt, assignor.
Kattwinkel, Hans.
Kégresse, Adolphe.
Kern, Rudolf.
Kesselring, F., Gieffers, and Kaufmann.
Kiel, Karl B. W.
Kielland, Jan.
Kirsebom, Gustaf N.
Kittler, Georg.
Knick, Ulrich.
Kobligk, Kurt.
Kolb, Emile.
Komeda, Jean.
Komenda, Erwin.
Koppelmann, F., and Leukert.
Korte, H., Waibel, and Metzger.
Kronenberger, Adam.
Küffer, Johannes.
Kühlwein, Friedrich L.
Künzer, Heinrich.
Kuss, E., and Hohn.
Lang, R., von Fahland, and Gros.
Lapeyre, Gaston.
Laraque, Roland.
Latscher-Latka, Eric.
Lautenschläger, Franz.
Lecorguillier, Jean.
Lejeune, Leon M. S.
Lentz, Anton.
Lesser, Otto.
Lieske, Auguste H.
Linder, Rudolf.
Lisi, Giuseppe.
Lohse, Julius.
L'Orange, Prosper.
Loth, W. A., and Guyot.
Lowenstein, Leo.
Maier, Karl.
Maillat, Gustave E.
Malczewski, Jérémi.
Marquet, Georges, assignor.
Martin, F., and Tramm.
Marzetti, Manlio.
Matteucci, Raffaele.
Maurer, F., and Laquay.
Maurer, Max.
Mayer, Ernest.
Mennesson, Marcel L.
Mercier, Jean.
Messner, M., and Schantl.
Meyer, K., and Lapp.
Mez, E., Pott, and Heinze.
Minner, Walter.
Misset, Jean.
Moldenhauer, O., and Bock.
Moller, Magdalin C. G.
Müller, Paul, and Nicholai.
Möller, R., and Kosche.
Molly, Hans.
Morland, P., and Smith.
Müller, Ernst.
Müller, Géza W., assignor.
Müller, Heinz O.
Müller, W., and Spies.
Naerbo, Daniel.
Nallinger, F., and Berger.
Natta, Giulio.
Nebel, Max.
Nees, Hugo, assignor.

Allen Property Custodian: *See*—Continued
Neugebauer, Frans, and Wagensell.
Niki, Genkichi.
Nitescu, Marcel.
Obolensky, Prince D.
Obtresal, Robert, assignor.
Ohl, Klemens.
Okita, Tadao.
Oppenauer, Rupert.
Orlich, P., and Harts.
Orthner, L., Luce, and Wagner.
Pallmann, Ludwig.
Pamplinella, Antonio.
Papello, Karl.
Papello, Karl., assignor.
Parnet, Louis.
Pasqualigo, Giullo.
Passelecq, Georges.
Patin, Albert.
Paumier, André P.
Pedersen, P. H., and Nielsen.
Perrot, Henri.
Persin, Jean.
Petersen, Johannes.
Pettersen, Gunnar N.
Pfleiderer, G., and Riedl.
Pier, M., and Christmann.
Pier, M., Free, and v. Fuener, assignors.
Piot, Marius.
Piquerez, Emile.
Ployer, Otokar.
Pogioli, Vittorio.
Pott, August F.
Popov, Vladimir D.
Prause, R., and Schmid.
Quentin, Alberto.
Rambold, Adolf.
Rauh, Hermann.
Reiners, Wilhelm and W., Kahlisch, and Fürst.
Rinia, Herre.
Riszdorfer, László.
Robin, L., and Van Roggen.
Rodenacker, Wolf.
Römer, Otto.
Rossmanith, Wolfgang.
Rudy, H., and Watsel.
Ruppe, Hugo.
Ruska, E., Schuchmann, Ruska, and Müller.
Ryba, Anton.
Sahlberg, Wilhelm.
Saito, Kiitiro.
Salerni, Piero M.
Salomon, Francois M. M. B.
Salomon, Francois M. M. B., assignor.
Salvaneschi, Pino.
Sarthou, Henri.
Schade, A., and Horn.
Schafer, Josef.
Scheuing, G., and Walach.
Schimanek, Emil.
Schirm, Erik.
Schirrmeister, Hans.
Schleifer, Carlo.
Schlumberger, Marcel.
Schmidt, Gerhard.
Schmidt, Heinrich.
Schmidt, M., and Gmöbling.
Schmidt, M. P., and Von Poser.
Schmidt, W., and Seydel.
Schneider, A., and Ungethuem.
Schneider, Josef.
Schneider, W., Frohlich, and Neugebauer.
Schroth, Adolf.
Schubert, E., and Pierer.
Schuler, H., Gruttner, and Dronigke.
Schutte, Albert.
Schuttler, Paul.
Sedille, Marcel H. L.
Sédille, Marcel H. L.
Seidel, H. J., and Weller.
Seidel, J., and Weber.
Seligman, Roger A. L.
Seng, Manfred.
Seyerle, Wilhelm.
Simkovits, Sandor.
Snoek, J. L., and Alons.
Sonnino, Bruno.
Specht, Otto.
Steinbock, Hans.
Stieglitz, Albert.
Strab, Hermann.
Stromeier, Gustav.
Stumpf, Thea.
Szalay, Ferenc.
Tandetzke, Karl.
Tasso, Antonio.
Tholstrup, Poul.
Thomas, Paul V.
Tiedemann, Hans.
Tóth, Sándor.
Toulon, Pierre M. G.
Valensi, Georges.
Vancura, Rudolf.
Van Akkeren, Antonius J. J.
Van den Akker, Michael A. H.
Van der Bie, Godfried J.
Van Lin, O. A. J., and Hoekstra.
Van Tongeren, Hermannus.
Verkinderen, H., and Vankeirsbilck.
Verots, P., and Marquet.
Volk, Paul.
Von Beckerath, Hans.
von Feigel-Farnholz, Richard R.
Von Opel, Fritz.
Voss, A., Dietz, and Thomas.
Wagner, M., and Lankhuff.
Waselge, Charles R.
Wegener, G., and Scheppmann.
Weiss, E., and Strickstrock.
Weiss, U., and Leone.
Wempe, Bernhard.
Wendt, Bruno.
Westerkamp, Hugo.
Weston, Herbert.
Wiggermann, Georg.
Wilmann, Wilhelm.
Windschauer, Leib.
Woerner, Friedrich.
Woitscheck, Arno.
Wolff, Hanns-Heinz.
Worm, Oscar.
Wünsch, Guido.
Yamamoto, Ryo, and Hara.
Zanarini, Giuseppe.
Zipper, Emil.
Zuckermann, Armand, assignor.
Zühlke, Marcel.
Zweers, Bernardus, H. H.
Zwick, Kurt.

Alkan, Robert, and Amedee Costa de Beauregard, New York, N. Y. Catapult device for autonomous aerial torpedoes. 2,390,677; Dec. 11.

All American Aviation, Inc.: *See*—
Ballard, Hyde W., assignor.
Plummer, Stuart C., assignor.

Allan, Gordon G., Detroit, Mich. Filtering apparatus. 2,369,124; Feb. 13.

Allan, John, Saint Kilda, Victoria, Australia. Stepladder, trestle, and the like. 2,391,216; Dec. 18.

Allard, Pierre J.-M. T., Chantilly, France; vested in the Allen Property Custodian. Counterweight control system for lifting device carriages. 2,371,865; Mar. 20.

Allard, Pierre J.-M. T., Chantilly, France; vested in the Allen Property Custodian. Grab used for boring wells. 2,390,047; Dec. 4.

Allbaugh, Byron D., Vallejo, Calif. Rotary pump or motor. 2,380,819; July 31.

Allbright-Nell Company, The: *See*—
Ackermann, Adolf G., assignor.

Allcock, Harold J.: *See*—
Hunter, P. V., Allcock, and Fairfield.

Allderdice, Charles E., Jr., assignor to The Bell Co., Inc., Chicago, Ill. Fluids for fluid pressure systems. 2,379,855; July 10.

Allderdice, Charles E., Jr., assignor to The Bell Co., Inc., Chicago, Ill. Fluid for fluid pressure systems. 2,382,527; Aug. 14.

Allegheny Ludlum Steel Corporation: *See*—
Breeler, W. R., and Butler, assignors.
Griffiths, William E., assignor.
Mohling, Gunther, assignor.
Touceda, E. G., and De Vries, assignors.

Allen, Alexander, Providence, R. I. Office cabinet. 2,373,217; Apr. 10.

Allen, Archie A., assignor to Kirsch Company, Sturgis, Mich. Curtain rod or drapery fixture. 2,383,104; Aug. 21.

Allen, Arthur C., assignor to Stewart-Warner Corporation, Chicago, Ill. Fuel feeding system. 2,372,700; Apr. 3.

Allen, Bernard: *See*—
Schaefer, R. K., Allen, and Lopez.

Allen-Bradley Company: *See*—
Matthias, Lynn H., assignor.
Tellkamp, Bernard F., assignor.

Allen, Charles F. H., and J. A. Van Allan, assignors to Eastman Kodak Company, Rochester, N. Y. Aliphatic dibasic acids. 2,388,813; Nov. 13.

Allen, Chas. G., Company: *See*—
Allen, Clarence M., assignor.

Allen, Charles J.: *See*—
Bowen, J. M., and Allen.

Allen, Charles S., Jr., Greenville, S. C. Bomb. 2,388,459; Nov. 6.

Allen, Clarence M., Gates Mills, Ohio, assignor to C. G. Allen Company, Barre, Mass. Tapping machine. 2,380,387; July 31.

Allen, Earl M., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,369,113; Feb. 13.

Allen, Earl M., assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for the control of highway crossing signals. 2,370,704; Mar. 6.

Allen, Earl M., assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for the control of highway crossing signals. 2,379,209; June 26.

Allen, Earl M., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,385,179; Sept. 18.

Allen, Earle F., assignor to Manning, Maxwell & Moore, Incorporated, New York, N. Y. Valve bonnet structure. 2,373,001; Apr. 3.

Allen, Earle F., Wellesley Hills, Mass., assignor to Manning, Maxwell & Moore, Incorporated, New York, N. Y. Valve. 2,389,947; Nov. 27.

Allen, Edward A.: *See*—
Fyne, R. S., and Allen.

Allen, Edmund T., deceased, Seattle, by F. B. Allen, near Seattle, executrix, and The Pacific National Bank of Seattle, executor, assignors to Boeing Aircraft Company, Seattle, Wash. Stall indicator. 2,373,088; Apr. 10.

Allen, Edmund T., and R. J. Minshall, assignors to Boeing Aircraft Company, Seattle, Wash. Stall delaying and indicating mechanism. 2,373,089; Apr. 10.

Allen, Edwin L.: *See*—
Schonitzer, R. I., Allen, and Muster.

Allen, Edwin L., Cleveland Heights, and H. B. Muster, Avon Lake, assignors to R. I. Schonitzer, Shaker Heights, Ohio. Tread block core for endless tracks and the like. 2,371,015; Mar. 6.

Allen, Elijah F., Los Angeles, Calif. Sacculated article of footwear. 2,390,287; Dec. 4.

Allen, Ellen B.: *See*—
Smith, Paul S., assignor.

Allen, Ellie K, Creedmoor, N. C. Log carrier. 2,376,953; May 29.

Allen, Florence B., executrix: *See*—
Allen, Edmund T.

Allen, Frank A., Warmley, and J. Morgan, Kingswood, Bristol, assignors to Magnesium Elektron Limited, London, England. Coating magnesium and magnesium alloys. 2,373,937; Apr. 17.

Allen, Frank B., Lower Marion Township, Montgomery County, assignor to The Allen-Sherman-Hoff Company, Philadelphia, Pa. Dust valve mechanism. 2,368,395; Jan. 30.

Allen, Frank B., Lower Marion Township, Montgomery County, assignor to The Allen-Sherman-Hoff Company, Philadelphia, Pa. Apparatus for handling dust. 2,368,398; Jan. 30.

Allen, Frank M., Azusa, and C. B. Taylor, Long Beach, assignors to The All-Flex Corporation, Los Angeles, Calif. Flexible pipe coupling. 2,382,375; Aug. 14.

Allen, Frank M., Azusa, and C. B. Taylor, Long Beach, assignors to The All-Flex Corporation, Los Angeles, Calif. Swivel pipe coupling. 2,384,360; Sept. 4.

Allen, George: *See*—
Harker, G. A., Gustafsson, Allen, and Nelson.

Allen, Gwynne, Long Beach, Calif., assignor to Petrolite Corporation, Ltd., St. Louis, Mo. Composition of matter. 2,372,641; Apr. 3.

Allen, Harold D., Glen Rock, and W. A. Kline, Morris Plains, assignors to Colgate-Palmolive-Peet Company, Jersey City, N. J. Treating fats and fatty oils. 2,383,579; Aug. 28.

Allen, Harold P., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Pressure cooker. 2,369,932; Feb. 20.

Allen, Herbert, Houston, Tex., assignor, by mesne assignments, to Cameron Iron Works, Inc. Bottom hole pressure recorder. 2,366,826; Jan. 9.

Allen, Herbert, Houston, Tex., assignor, by mesne assignments, to Cameron Iron Works, Inc. Pressure gauge. 2,369,650; Feb. 20.

Allen, Herbert, assignor to Cameron Iron Works, Houston, Tex. Well head and casing suspension structure. 2,380,388; July 31.

Allen, Herbert, assignor to Cameron Iron Works, Houston, Tex. Blowout preventer. 2,387,106; Oct. 16.

Allen, Howard G., Niagara Falls, assignor to Consolidated Packaging Machinery Corporation, Buffalo, N. Y. Automatic scale. 2,384,228; Sept. 4.

Allen, Howard G., Niagara Falls, assignor to Consolidated Packaging Machinery Corporation, Buffalo, N. Y. Handle defining closure for paper bags. 2,385,597; Sept. 25.

Allen, Howard G., Niagara Falls, assignor to Consolidated Packaging Machinery Corporation, Buffalo, N. Y. Bag closing machine. 2,385,598; Sept. 25.

Allen, James G., Hopedale, and A. Villani, Milford, assignors to Draper Corporation, Hopedale, Mass. Shuttle. 2,385,048; Sept. 18.

Allen, James R.: *See*—
Chambers, J. C., and Allen.

Allen, James R., Los Angeles, Calif., assignor to Consolidated Vultee Aircraft Corporation. Aircraft control mechanism. 2,375,610; May 8.

Allen, John G., Forest Hills, N. Y., assignor to Phillips Petroleum Company. Manufacture of diolefins. 2,387,731; Oct. 30.

Allen, John G., and I. L. Wolk, Bartlesville, Okla., assignors to Phillips Petroleum Company. Converting hydrocarbons. 2,377,847; June 12.

Allen, Joseph W., East Orange, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Fire director. 2,379,778; July 3.

Allen, Kenneth C.: *See*—
Meeker, D. A., and Allen.

Allen, Kenneth R., Ridgewood, N. Y., assignor to American Seal-Kap Corporation of Delaware, Wilmington, Del. Die. 2,377,599; June 5.

Allen, Kenneth R., Ridgewood, N. Y., assignor to American Seal-Kap Corporation of Delaware, Wilmington, Del. Method and apparatus for making hood caps. 2,381,851; Aug. 7.

Allen, Leonard B., San Diego, and W. C. Heath, La Mesa, assignors to Solar Aircraft Company, San Diego, Calif. Flexible exhaust line joint. 2,381,426; Aug. 7.

Allen, Nora J., Toronto, Ontario, Canada, assignor by mesne assignments, to Patons and Baldwins Inc., Newark, N. J. Knitted sock and making. 2,372,468; Mar. 27.

Allen, Philip S., Long Beach, Calif. Automatic photographic apparatus. 2,380,378; July 31.

Allen, Raymond W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Tire testing apparatus. 2,367,838; Jan. 23.

Allen, Rex W., Palisades, assignor to Camloc Fastener Corporation, New York, N. Y. Fastener. 2,385,180; Sept. 18.

Allen, Russell G., Alton, Ill., assignor to Owens-Illinois Glass Company. Glass blowing machine. 2,372,642; Apr. 3.

Allen, S. L., & Co., Inc.: *See*—
Bowen, J. M., and Allen, assignors.

Allen-Sherman-Hoff Company, The: *See*—
Allen, Frank B., assignor.

Allen, Thomas C., and H. H. Harris, assignors to Wisconsin Alumni Research Foundation, Madison, Wis. Insecticide and making same. 2,390,911; Dec. 11.

Allen, Thomas L.: *See*—
Toone, R. N., and Allen.

Allen Wales Adding Machine Corporation: *See*—
Lambert, Harry L., assignor.

Allen, Wayne H., Los Angeles, Calif., assignor to General Electric Company. Aircraft turbine supercharger. 2,375,202; May 8.

Allen, Wayne H., Los Angeles, Calif., assignor to General Electric Company. Lubricating system for aircraft superchargers. 2,391,000; Dec. 18.

Allendörfer, Albert: *See*—
Bernstorff, H., and Allendörfer.

Aller, Willis F., assignor to The Sheffield Corporation, Dayton, Ohio. Gauging device. 2,370,219; Feb. 27.

Aller, Willis F., assignor to The Sheffield Corporation, Dayton, Ohio. Gauging device. 2,384,518; Sept. 11.

Aller, Willis F., assignor to The Sheffield Corporation, Dayton, Ohio. Gauging device. 2,384,519; Sept. 11.

Aller, Willis F., assignor to The Sheffield Corporation, Dayton, Ohio. Spring gauging device. 2,384,520; Sept. 11.

Aller, Willis F., and L. J. Mahlmeister, assignors to The Sheffield Corporation, Dayton, Ohio. Gauging device. 2,370,220; Feb. 27.

Aller, Willis F., and L. J. Schulze, assignors to The Sheffield Corporation, Dayton, Ohio. Gauging device. 2,367,255; Jan. 16.

Allerding, Alfred: *See*—
Dillenbach, W., Allerding, and Huttmann.

Allerton, Hiram D., Hollywood, Calif. Forming slings to handle materials. 2,385,338; Sept. 25.

Alles, Francis P., Waynesboro, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulose ester manufacture. 2,376,890; May 29.

Alles, Francis P., Waynesboro, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulose ester manufacture. 2,376,891; May 29.

Alles, Gordon A., San Marino, and H. N. Icke, Los Angeles, Calif.; said Icke assignor to said Alles. 3,4-dihydroxyphenisopropyl alkylamines. 2,378,889; June 26.

Alley, Edmund N., Jr.: *See*—
Rylander, T. A., and Alley.

All-Flex Corporation, The: *See*—
Allen, F. M., and Taylor, assignors.

Allgeo, Fred J.: *See*—
Shue, C. L., and Allgeo.

Allgeo, Fred J., San Francisco, Calif. Level. 2,384,586; Sept. 11.

Alliance Investment Corporation: *See*—
Pulver, F. F., and Matthews, assignors.

Alliance Machine Company, The: *See*—
Harry, Robert J., assignor.

Alliance Porcelain Products Company, The: *See*—
Chesney, Robert M., assignor.

Allied Chemical & Dye Corporation: *See*—
Canavan, Edward J., assignor.
Clark, Charles R., assignor.
Cline, Edwin L., assignor.
Conrad, K. F., and Koberlein, assignors.
Cowdery, Arthur B., assignor.
Eagle, William S., assignor.
Engel, Karl H., assignor.
Flett, Lawrence H., assignor.
Fleysher, Maurice H., assignor.
Gerges, Wesley R., assignor.
Gould, David F., assignor.
Hoyt, Lester F., assignor.
James, Frank W., assignor.
Krotzer, A. R., King and Kleiner, assignors.
Maguire, J. B., and Gould, assignors.
Miller, Stuart P., assignor.
Murphy, Timothy F., assignor.

Allied Chemical & Dye Corporation: *See*—Continued
Ogilvie, James, assignor.
Ogilvie, J., and Wilder, assignors.
Punnett, Elton B., assignor.
Reimers, Frederick E., assignor.
Witte, Michael, assignor.
Allied Control Company, Inc.: *See*—
Chichester, Kenneth J., assignor.
Ebert, Joseph F., assignor.
Horman, John H., assignor.
Ineson, Clifton H., ; assignor.
Reutter, Frederick R., assignor.
Allied Finishing Specialties Co.: *See*—
Kolar, S. M., and Sternberg, assignors.
Allied Laboratories, Inc.: *See*—
Winnek, P. S., and Bockstahler, assignors.
Allied Mills, Inc.: *See*—
Singer, P. A., and Deobald, assignors.
Allied Plastics Company: *See*—
Nichols, Warren O., assignor.
Allied Products Corporation: *See*—
Norris, D. R., and Greening, assignors.
Allied Railway Equipment Company: *See*—
Douglass, K., and Moline, assignors.
Moline, Carl R., assignor.
Alling, E. Roy, Kenmore, and J. C. Knepflar, Springville; said Knepflar assignor to Rice and Adams Corporation, Tonawanda, N. Y. Container handling means. 2,371,140; Mar. 13.
Alling, E. Roy, Kenmore, and C. F. Ulrich, said Ulrich assignor to Rice & Adams Corporation, Buffalo, N. Y. Article treating means. 2,374,260; Apr. 24.
Allis-Chalmers Manufacturing Company: *See*—
Appel, Oswald A., assignor.
Babb, Charles L., assignor.
Campbell, Richard D., assignor.
Charley, Walter G., assignor.
Codlin, James B., assignor.
Dortort, Isadore K., assignor.
Dray, Walter R., assignor.
Prudden, Conrad E., assignor.
Rageman, John R., assignor.
Rarrer, Paul H., assignor.
Jacobi, Louis, assignor.
Kenney, Clarence E., assignor.
Linn, James G., assignor.
Malmberg, Carl G., assignor.
Newhouse, Ray C., assignor.
Pankey, T. L., and Imhoff, assignors.
Quartz, Herbert O., assignor.
Ray, James L., assignor.
Reichert, Harold E., assignor.
Scranton, Charles J., assignor.
Shaw, Ernest C., assignor.
Winograd, Harold, assignor.
Allis, Louis Company, The: *See*—
Goran, Steven J., assignor.
Allison Company, The: *See*—
Allison, Hugh V., assignor.
Allison, Hugh V., Fairfield, assignor to The Allison Company, Bridgeport, Conn. Abrasive tube drill. 2,368,397; Jan. 30.
Allison, Wilson M., Knockshegowna, Union of South Africa. Rotary motor. 2,369,002; Feb. 6.
Allison, Wilson M., Knockshegowna, Swinburne, O. F. S., Union of South Africa. Cylinder, piston, and crankshaft. 2,382,280; Aug. 14.
Allmänna Svenska Elektriska Aktiebolaget: *See*—
Dreyfus, Ludwig, assignor.
Lamm, U., and Plöen, assignors.
Nordfeldt, Birger, assignor.
Alltools, Limited: *See*—
Tomes, Gilbert A. R., assignor.
Allwein, Aloysius F., assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring instrument. 2,377,474; June 5.
Allworth, Howard D.: *See*—
Fitzsimmons, Verlyn R., assignor.
Alm, Alexander V.: *See* —
Mills, G. F., and Alm.
Almy, Ernest G., Tamaqua, Pa., assignor to Atlas Powder Company, Wilmington, Del. Coating compositions. 2,372,643; Apr. 3.
AlnCia, Inc.: *See*—
Walker, Victor, assignor.
Alons, Luitje: *See*—
Saoek, J. L., and Alons.
Alox Corporation: *See*—
Burwell, Arthur W., assignor.
Burwell, A. W., and Camelford, assignors.
Shields, J. E., and Bray, assignors.
Alpert, Ned, Milwaukee, Wis. Cutting implement. 2,387,633; Oct. 23.
Alsdorf, James W., Winnetka, assignor to Cory Glass Coffee Brewer Co., Not Inc., Chicago, Ill. Grinding annular surfaces. 2,381,418; Aug. 7.
Altamore, Sebastian, Maspeth, N. Y. Recirculating system for gas-fired ovens. 2,369,706; Feb. 20.
Altamos, Joseph E., Worth, Ill. Match package. 2,372,167; Mar. 27.
Altenburger, Clarence L.: *See*—
Selmi, L. G., and Altenburger.
Alter, Horace J., West Hollywood, Calif., assignor, by mesne assignments, to Lockheed Aircraft Corporation. Disintegrating ammunition link. 2,388,943; Nov. 13.
Althens, Herbert E., Newton, assignor to The Reece Button Hole Machine Company, Boston, Mass. Sewing machine. 2,385,768; Oct. 2.
Alther, Joseph G., assignor to Universal Oil Products Company, Chicago, Ill. Method and apparatus for contacting finely divided solid particles with fluids. 2,389,399; Nov. 20.
Altimus, Miles, Nanty Glo, assignor to Irwin Foundry & Mine Car Company, Irwin, Pa. Safety locking lever for coupling pins. 2,391,610; Dec. 25.
Altobelli, Fulgenzio, assignor of two-fifths to T. E. Simonton, Syracuse, N. Y. Double-piped garment opening. 2,388,516; Nov. 6.
Altorfer, Alpheus W., Peoria, Ill. Wringer mechanism. 2,385,769; Oct. 2.
Altschul, Aaron M., and M. L. Karon, New Orleans, La., assignors to the United States of America as represented by Claude R. Wickard, Secretary of Agriculture, and his successors in office. Treatment of oilseeds. 2,376,568; May 22.
Altschul, Aaron M., and M. L. Karon, New Orleans, La., assignors to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Treatment of oilseeds. 2,376,852; May 22.
Aluminum Company of America: *See*—
Anderson, Russell G., assignor.
Beck, Paul C., assignor.
Blackmun, E. Y., and Mikula, assignors.
Brown, Ralph W., assignor.
Butler, Edward H., assignor.
Carlson, C. A., and (Butler, assignor).
Colson, Herman H., assignor.
Dean, Walter A., assignor.
Eastwood, La Verne W., assignor.
Fiscus, Charles J., assignor.
Gantz, Marvin E., assignor.
Guiney, Karl B., assignor.
Hartmann, Ernest C., assignor.
Horak, Gustave J., assignor.
Kempf, L. W., and Dean, assignors.
Le Baron, Ira M., assignor.
Lyle, Edward L., assignor.
McFadden, Benjamin C., assignor.
McGill, James W., assignor.
Menking, Heinz, assignor.
Moore, George L., assignor.
Newsome, J. W., and Derr, assignors.
Nock, J. A., Jr., and Bossert, assignors.
Osborne, A. G., and Hill, assignors.
Pullen, Alfred N. D., assignor.
Riesmeyer, A. H., and Stowe, assignors.
Sharp, John E., assignor.
Slunder, Charles J., assignor.
Stroup, Philip T., assignor.
Stroup, P. T., and Sager, assignors.
Thomas, John W., assignor.
Tilson, Donald H., assignor.
Tosterud, Martin, assignor.
Underwood, James E., assignor.
Weber, L. J., and Sager, assignors.
Weir, James, assignor.
Willmore, C. B., and Chew, assignors.
Wood, Robert T., assignor.
Wood, R. T., and Gantz, assignors.
Aluminium Industrie Aktien-Gesellschaft: *See*—
Syz, Werner, assignor.
Alvey-Ferguson Company, The: *See*—
Dixon, Albert W., assignor.
Alvey, Le Roy E.: *See*—
Bullard, E. P., III, Alvey, Cowell, Lange, and Mussler.
Alvino, Alphonse V., Newark, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Ignition control mechanism. 2,371,016; Mar. 6.
Alvis, Charles B., Richmond, Va. Centering tool. 2,379,406; July 3.
Alyea, Marvin C., Mill Valley, Calif. Expansion chuck. 2,379,210; June 26.
Alzola, Francisco, Habana, Cuba. System of continuous fermentation. 2,371,208; Mar. 13.
Amalgamated Ordnance & Ammunition Machinery Company: *See*—
Hochstetler, Robert J., assignor.
Amand, Raymond H.: *See*—
Mejean, J. G., and Amand.
Amann, Philip F.: *See*—
Kane, J. H., Finlay, and Amann.
Amari, Jasper J.: *See*—
Den Breejen, A., Amari, Luce, Petty, and R. and T. K. Webster, Jr.
Amberg, Walter E., Beverly Shores, Ind., assignor to Universal Paper Products Company, Chicago, Ill. Cup dispenser. 2,369,933; Feb. 20.
Amberg, Walter E., Beverly Shores, Ind., assignor to Universal Paper Products Company, Chicago, Ill. Collapsible container. 2,374,796; May 1.
Amberg, Walter E., Beverly Shores, Ind., assignor to Universal Paper Products Company, Chicago, Ill. Shipping container and dispenser for soda straws or the like. 2,382,597; Aug. 14.

Amberson, Linton C., Edenburg, Pa. Treatment of nitrocellulose dope. 2,369,200; Feb. 13.
Ambler, Charles M., Jenkintown, assignor to The Sharples Corporation, Philadelphia, Pa. Purification of extracting solvents. 2,380,139; July 10.
Ambrose, Dermot M., assignor to Standard Telephones and Cables Limited, London, England. Tuning arrangement in radio receivers. 2,377,475; June 5.
Ambrosini, Elio J., assignor of one-half to Sylvia C. Richland, Hartford, Conn. Bearing assembly. 2,377,855; June 12.
Ambruster, Cornelius, Roslyn, Pa. Mechanism for producing mechanical movement. 2,378,676; June 19.
Amenta, Paul S., New Britain, Conn. Sandal. 2,377,119; May 29.
American Agricultural Chemical Company, The: *See*—
Phelps, Donsid S., assignor.
American Air Filter Company, Inc.: *See*—
Dahlman, Verner, assignor.
Nutting, Arthur, assignor.
American Anode Inc.: *See*—
Beal, Carl L., assignor.
Szegvari A., and Felkert, assignors.
American Arch Company: *See*—
Siegel, Chester A., assignor.
American Bank Note Company: *See*—
Marquardt, Frank C., assignor.
American Bitumuls Company: *See*—
Buckley, W. D., and Bly, assignors.
American Blower Corp.: *See*—
Blank, Merton H., assignor.
American Bosch Corporation: *See*—
Nystrom, Carl H., assignor.
American Brake Company, The: *See*—
Smith, Charles G., assignor.
American Brake Shoe Company: *See*—
Blume, William A., assignor.
Breed, C. W., and Burkhardt, assignors.
Hart, C. S., and Spokes, assignors.
Houston, J. V., and Habel, assignors.
Mantle, Burr W., assignor.
Pogue, Robert B., assignor.
Wilson, Bosser L., assignor.
American Broach & Machine Co.: *See*—
Lapointe, F. J., and Podesta, assignors.
Podesta, John W., assignor.
American Cabinet Hardware Corporation: *See*—
Borchers, Earl, assignor.
American Can Company: *See*—
Beaton, Robert G., assignor.
Begg, Thomas, assignor.
Bierman, George H., assignor.
Butler, William F., assignor.
Dawn, George J., assignor.
Eckman, Philip E., assignor.
Felber, John, assignor.
Geertsen, Nelson, assignor.
Handley, Harold D., assignor.
Heinle, Carl W., assignor.
Hothersall, John M., assignor.
Huth, Carl A., assignor.
Jacobs, Samuel S., assignor.
Le Frank, John D., assignor.
Lindgren, H. W., and Nemitz, assignors.
Luthi, Robert, assignor.
Martin, William M., assignor.
Martin, William McK., assignor.
Meyer, Willard A., assignor.
Moore, James A., assignor.
Murch, John H., assignor.
Murch, J. H., and Nordquist, assignors.
Murch, J. H., Nordquist, and Nordstrom, assignors.
Nordquist, Ronald E. J., assignor.
Nordquist, R. E. J., and Cox, assignors.
Nordstrom, E., and Grover, assignors.
Pechy, William, assignor.
Pellegrino, Joseph, assignor.
Peters, John F., assignor.
Reese, Garland W., assignor.
Renard, Roland E., assignor.
Robinson, J. E., Bopp, and Millelot, assignors.
Saalbach, Arthur A., assignor.
Socke, J. E., and Eckman, assignors.
Strickler, John C., assignor.
Then, Edward O., assignor.
Thornburgh, Ivan D., assignor.
Winters, William P., assignor.
American Car and Foundry Company: *See*—
Abel, Joseph C., assignor.
Beishline, G. C., and Walp, assignors.
Clade, Robert, assignor.
Dendler, R. E., and Kepner, assignors.
Dilley, June D., assignor.
Hummer, Charles I., assignor.
Joy, Robert W., assignor.
Kassler, A., and Thompson, assignors.
Kerr, W., and Stolberg, assignors.
Knox, David M., assignor.
Maulding, Arthur W., assignor.
McBride, John J., assignor.
American Car and Foundry Company: *See*—Continued
Pancake, Herman H., assignor.
Schroeder, Ernest R., assignor.
Schroeder, E. R., and Willoughby, assignors.
Shields, Robert A., assignor.
Soutar, John.
Willoughby, Victor, assignor.
American Chain & Cable Company, Inc.: *See*—
Campbell, Lyman B., assignor.
Gilmore, William J., assignor.
Lipps, Walter M., assignor.
Mische, Henry J., assignor.
Robinson, Harry G., assignor.
American Chemical Paint Company: *See*—
Douty, A., and Freese, assignors.
Jones, Franklin D., assignor.
American Cyanamid & Chemical Corporation: *See*—
Dove, Thomas, Jr., assignor.
American Cyanamid Company: *See*—
Adams, F. H., and Hardy, assignors.
Adams, F. H., Lecher, and Hardy, assignors.
Anderson, G. W., and Roblin, Jr., assignors.
Ashley, Kenneth D., assignor.
Booth, Robert B., assignor.
Booth, R. B., and Herkenhoff, assignors.
Bradley, C. W., and Davis, assignors.
Bradley, Theodore F., assignor.
Caldwell, William F., assignor.
Caldwell, W. F., Swain, and Paden, assignors.
Carpenter, Erwin L., assignor.
Cauwenberg, W. J., and Tanner, assignors.
Christmann, Ludwig J., assignor.
Christmann, L. J., and Erickson, assignors.
Christmann, L. J., and Houpt, assignors.
Conn, R. C., Adams, and Goulding, assignors.
Cook, Elmer W., assignor.
Cook, E. W., and Thomas, assignors.
Cook, E. W., and Thomas, Jr., assignors.
Crossley, M. L., and West, assignors.
Davis, Arnold R., assignor.
Davis, Harold S., assignor.
Davis, H. S., and Redmon, assignors.
Dean, Russell T., assignor.
Dean, R. T., and Hook, assignors.
Dixon, James K., assignor.
Ericks, Walter P., assignor.
Ericks, W. P., and Whitaker, assignors.
Ericks, W. P., and Williams, assignors.
Faith, Herman E., assignor.
Funk, Charles E., Jr., assignor.
Gieseke, Elmer W., assignor.
Goulding, John P., assignor.
Greene, R. D., Klenle, and Vartanian, assignors.
Groten, Frank J., assignor.
Hamilton, Walter A., assignor.
Hanslick, Roy S., assignor.
Harris, Raymond R., assignor.
Hechenbleikner, Ingenuin, assignor.
Hedley, N., and Kress, assignors.
Herkenhoff, Earl C., assignor.
Hill, A. G., and Sayre, assignors.
Hill, A. J., and Degnan, assignors.
Hill, William H., assignor.
Hood, John M., assignor.
Hood, Robert L., assignor.
Houpt, Alfred G., assignor.
Hull, Washington, assignor.
Huitquist, Martin E., assignor.
Jaeger, A. O., and Lynch, assignors.
Jayne, D. W., Jr., and Day, assignors.
Jayne, D. W., Jr., Day and Gieseke, assignors.
Jones, L. C., and Ericks, assignors.
Kaiser, Donald W., assignor.
Kaiser, D. W., and Thurston, assignors.
Klenle, R. H., and Amick, assignors.
Klenle, R. H., Amick, and Pelker, assignors.
Klenle, R. H., and Pelker, assignors.
King, V. L., and Orem, assignors.
Kirk, Philip M., assignor.
Kropa, Edward L., assignor.
Lacey, H. T., and Brouillard, assignors.
Lecher, H. Z., and Dixon, assignors.
Lecher, H. Z., and Goulding, assignors.
Lecher, H. Z., Goulding, and Parker, assignors.
Lecher, H. Z., and Hardy, assignors.
Lecher, H. Z., Hardy, and Adams, assignors.
Lecher, H. Z., Parker, and Denton, assignors.
Lecher, H. Z., Parker, and Long, assignors.
Lento, L. L., Jr., and Houpt.
Light, Donald W., assignor.
Light, D. W., and Morgan, assignors.
Long, Robert S., assignor.
Loukomsky, S. A., and Lacey, assignors.
Lynch, Kathryn L., assignor.
Lynch, K. L., and West, assignors.
Marson, Harry W., assignor.
McClellan, P. P., and Ericks, assignors.
McLachlan, Dan, Jr., assignor.
Mead, H. L., and Maust, assignors.
Meincke, Edmund R., assignor.
Migrdichian, Vartkes, assignor.
Miller, A. A., and Bradley, assignors.
Millson, Henry E., assignor.
Moore, L. P., and Ericks, assignors.

American Cyanamid Company: *See*—Continued
Morash, Norman, assignor.
Nolan, Kenneth G., assignor.
Northey, Elmore H., assignor.
Oldham, Wilbur N., assignor.
Parker, R. P., and Hill, assignors.
Pierce, Alan E., assignor.
Pfann, H. F., and Kropa, assignors.
Pickens, Roy A., assignor.
Pineo, Orrin W., assignor.
Redmon, B. C., and Griffin, assignors.
Ripper, Kurt E., assignor.
Roblin, R. O., Jr., and Anderson, assignors.
Roblin, R. O., Jr., and Clapp, assignors.
Roblin, R. O., Jr., and Faith, assignors.
Salley, Donovan J., assignor.
Salley, D. J., Bradley, and Davis, assignors.
Salvin, V. S., and Hill, assignors.
Sayward, John M., assignor.
Scalera, Mario, assignor.
Scalera, M., and Joyce, assignors.
Schroy, Paul C., assignor.
Schroy, P. C., Grabowski, and Scott, assignors.
Schubart, Frederick C., assignor.
Shurcliff, William A., assignor.
Smyth, Glen M., assignor.
Sperry, Russell L., assignor.
Sperry, R. L., and Hook, assignors.
Swain, R. C., and Adams, assignors.
Swain, R. C., and Paden, assignors.
Thurston, Jack T., assignor.
Thurston, J. T., and Grim, assignors.
Thurston, J. T., and Kaiser, assignors.
Thurston, J. T., and Sperry, assignors.
Torley, Robert E., assignor.
Vitalis, Emil A., assignor.
Walker, Godfrey B., assignor.
West, Byron L., assignor.
Williams, J. H., and Roblin.
Winnek, P. S., and Faith, assignors.
Winnek, P. S., and Roblin, assignors.
Wintringham, Andrews C., assignor.

American Dairies, Incorporated, et al.: *See*—
Graham, W. B., Jr., and Fryc, assignors.
Graham, W. B., Jr., and McCarty, assignors.
Turner, C. W., and Reineke, assignors.

American District Telegraph Company: *See*—
Evans, Francis C., assignor.
Evans, F. C., and Domelian, assignors.
Lindsay, M. H. A., and Woloschak, assignors.
Muehter, Manfred W., assignor.

American Dyewood Company: *See*—
Drew, Raymond L., assignor.

American Electro Metal Corporation: *See*—
Goetzel, Claus G., assignor.
Lewin, Gerhard, assignor.
Schwarzkopf, Paul, assignor.

American Elevator & Machine Company, Inc.: *See*—
White, K. M., and Hadsel, assignors.

American Engineering Company: *See*—
Bennett, Joseph S., assignor.
Lawrence, Howard F., assignor.
Preston, Herbert E., assignor.

American Enka Corporation: *See*—
Hudson, Moulton L., assignor.
Jackson, Arthur L., assignor.
Markwood, Paul W., assignor.
Moritz, A. J. L., Schoonderwoerd, Van Dobbenburgh, and Markwood, assignors.
Thurmond, Gilbert I., assignor.

American Fibre Corporation: *See*—
Nordstrom, Gustaf E., assignor.

American Flange & Manufacturing Co., Inc.: *See*—
Grosser, Walter C., assignor.

American Forging & Socket Company: *See*—
Rhodes, Albert J., assignor.

American Fork & Hoe Company, The: *See*—
Skeel, John W., assignor.
Taft, Raymond C., assignor.
Wood, Conrad, assignor.

American Foundry Equipment Company, The: *See*—
Unger, Chester E., assignor.

American Geographical Society: *See*—
Miller, Osborn M., assignor.

American Heat Corporation: *See*—
Breault, Delphis C., assignor.

American Hoist & Derrick Company: *See*—
Banzhaf, H. F., and Finlay, assignors.
Gray, Donald C., assignor.

American Houses, Inc.: *See*—
McLaughlin, Robert W., Jr., assignor.
Taylor, Walter K., assignor.

American Hyalsol Corporation: *See*—
Rittmeister, Wilhelm, assignor.
Schmitt, Friedrich, assignor.

American Insulator Corporation: *See*—
Shaver, Herbert W., assignor.

American Inventions, Inc.: *See*—
Warner, Harry C., assignor.

American-La France-Foamite Corporation: *See*—
Lindsay, Charles H., assignor.
Smith, Carlisle F., assignor.
White, C. B., and Lindsay, assignors.

American Lady Corset Company: *See*—
Rosehill, Joseph A., assignor.

American Lambskin Products: *See*—
Konikoff, Robert H.

American Laundry Machinery Company, The: *See*—
Bicknell, G. R., and Heidenfelder, assignors.
Preston, John E., assignor.

American Lava Corporation: *See*—
Thurnauer, Hans, assignor.

American Lead Pencil Company: *See*—
Juelss, Davis, assignor.

American Lecithin Company: *See*—
Julian, P. L., and Meyer, assignors.
Julian, P. L., Meyer, and Iveson, assignors.

American Liquid Gas Corporation: *See*—
Smith, H. W., and Paxton, assignors.

American Locomotive Company: *See*—
Barraja-Frauenfelder, J., and Schrom, assignors.
Bruce, Alfred W., assignor.
Elder, Frederick T., assignor.
Gunter, Addison Y., assignor.
Kindervater, Julius, assignor.
Michaels, Hunter, assignor.
Nichols, William M., assignor.
Thompson, N. C., Gunter, Shaw, and Roe, assignors.

American Lumber & Treating Co.: *See*—
Gottschalk, F. W., and Angell, assignors.
Hribar, Victor F., assignor.

American Machine & Foundry Company: *See*—
Arelt, Charles, assignor.
Bates, Leon W., assignor.
Bell, Arthur, assignor.
Davis, Archibald H., Jr., assignor.
Jensen, Thormod, assignor.
Johnson, Carl W., assignor.
Johnson, C. W., and Neumair, assignors.
Naftali, Rudolf, V., and H., assignors.
Neumair, Joseph A., assignor.
Neumair, J. A., and Johnson, assignors.
Newman, Max M., assignor.
Pedersen, Mathias, assignor.
Rundell, Rupert E., assignor.
Vickery, John R., Jr., assignor.
Werden, Henry J. and F. G., assignors.
Whipple, L. V., and Pollock, assignors.
Whipple, L. V., and Wells, assignors.

American Machine and Metals, Inc.: *See*—
Davis, Archibald H., Jr., assignor.
Lechler, Bruno C., assignor.

American Maize-Products Company: *See*—
Buchanan, Ben F., assignor.
Daly, R. E., Frankenfeld, and Schopmeyer, assignors.

American Manufacturing Company: *See*—
Robinson, H. C., and Challis, assignors.

American-Marsh Pumps, Inc. *See*—
Barton, B. D., and Adney, assignors.

American Metal Company, The: *See*—
Heberlein, Max F. W., assignor.

American Monorail Company, The: *See*—
Miller, Carroll De V., assignor.
Moore, R. T., and Harris, assignors.

American Optical Company: *See*—
Baratelli, C. A., Bernheim, and Lown, assignors.
Bennett, Alva H., assignor.
Bernheim, D. F., Splaine, Lehmberg, Lown, and Baratelli, assignors.
Brussell, Ernest J., assignor.
Canning, William P. assignor.
Cozzens, Charles O., assignor.
Cozzens, C. O., and Splaine, assignors.
Eaton, W. C., and Leduc, assignors.
Glancy, Anna E., assignor.
Guellich, Gustav E., assignor.
Guellich, G. E., and Gradisar, assignors.
Jackson, George W., assignor.
Jarrett, Tracy C., assignor.
Joyce, William J., assignor.
Joyce, W. J., and Jackson, assignors.
Keeler, N. H., and Eskelson, assignors.
Kerry, John R., assignor.
Lehmberg, William H., assignor.
Lehmberg, W. H., Baratelli, and Lown, assignors.
Lown, W., and Baratelli, assignors.
Peck, W. F., and Gradisar, assignors.
Peck, W. F., and Guellich, assignors.
Pincus, Alexis G., assignor.
Pratt, Arthur J., assignor.
Reardon, J. D., and Gottlieb, assignors.
Severy, Lawrence A., assignor.
Splaine, Edward M., assignor.
Splaine, E. M., and Severy, assignors.
Styll, Harry H., assignor.
Tillyer, Edgar D., assignor.
Tillyer, E. D., and Ford, assignors.
Tillyer, E. D., Joyce, and Moulton, assignors.
Weyl, Woldemar A., assignor.

American Ore Reclamation Company: *See*—
Shallock, Edward W., assignor.

American Pad & Textile Company, The: *See*—
Brown, Frederick L., assignor.

American Paper Bottle Company, The: *See*—
Earp, James F., assignor.
Monroe, Charles Z., assignor.
Pittman, Walter F., assignor.
Spurr, Robert, assignor.

American Paper Tube Company: *See*—
Amrhein, H. L., and Feeley, assignors.
Amrhein, H. L., and Fuller, assignors.

American Pattern and Manufacturing Co.: *See*—
Miller, Raymond J., assignor.

American Platinum Works, The: *See*—
Streicher, Johann S., assignor.

American Porcelain Enamel Company: *See*—
Long, Robert, assignor.

American Potash & Chemical Corporation: *See*—
May, Frank H., assignor.

American Prototype Corporation: *See*—
Brull, Charles B., assignor.

American Pulley Company, The: *See*—
Renton, Henry N., assignor.

American Radiator & Standard Sanitary Corporation: *See*—
Goerg, Bernard, assignor.

American Rayon Company, Inc.: *See*—
Furness, William H., assignor.

American Rolling Mill Company, The: *See*—
Beck, C. W., and Pick, assignors.
Burns, R. S., and McCabe, assignors.
Carpenter, V. W., Bell, and Heck, assignors.
Finkbone, B. P., and Marshall, assignors.
Gaston, L. J., Jr., and Pick, assignors.
Hudson, E. B., Long, and Pick, assignors.
Kronenbitter, Karl L., assignor.
Reed, Eo, assignor.
Wilks, John R., assignor.
Wolford, D. S., and La Tour, assignors.

American Screw Company: *See*—
Tomalis, Joseph J., assignor.
Tomalis, J. J., and Muenchinger, assignors.

American Seal-Kap Corporation of Delaware: *See*—
Allen, Kenneth R., assignor.
Goodwin, Carl W., assignor.
Goodwin, C. W., and Martin, assignors.
Martin, Harold W., assignor.

American Seating Company: *See*—
Morgan, Erving B., assignor.
Nordmark, Henry P., assignor.

American Smelting and Refining Company: *See*—
Betterton, J. O., and Lebedeff, assignors.
Buck, L. J., and Veatch, assignors.
Collins, Arthur A., assignor.
Fleming, E. P., and Fitt, assignors.
Lebedeff, Yurii E., assignor.
Smart, J. S., Jr., and Smith, assignors.
Smith, Albert A., Jr., assignor.
Thomas, M. D., and Ivie, assignors.

American Soil Products Co., Inc.: *See*—
Schrader, Walter, assignor.

American Steel and Wire Company, The: *See*—
Barensfield, Paul L., assignor.
Clark, R., and Patterson, assignors.
Johnson, H. O., and O'Hare, assignors.
Ramstedt, E., and Symmes, assignors.
Symmes, Daniel D., assignor.

American Steel and Wire Company of New Jersey, The: *See*—
Avallone, Samuel C., assignor.
Black, L. F., and Kefover, assignors.
Bletso, Bruce N., assignor.
Brickman, Alan E., assignor.
Forsberg, Frank, assignor.
Hallstrom, C. A., and Tibbetts, assignors.
Horwedel, C. R., and Resch, assignors.
Johnson, H. O., and O'Hare, assignors.
Kramer, John, assignor.
Leonard, William E., assignor.
Little, R. A., and Rice, assignors.
Mog, F. G., Wald, and Whiting, assignors.
Sabol, Ernest J., assignor.
Sackerson, Charles M., assignor.
Schneider, Herbert H., assignor.
Stewart, James W., assignor.
Thompson, William, assignor.

American Steel Foundries: *See*—
Aurien, Ray G., assignor.
Bachman, Fred E., assignor.
Baselt, W. H., and Flesch, assignors.
Cottrell, Robert B., assignor.
Edstrom, Carl A., assignor.
Flesch, Norman, assignor.
Foster, Carl, assignor.
Heater, Charles L., assignor.
Hess, Reiza J., assignor.
Kinne, Edmund P., assignor.
Kinne, E. P., and Kayler, assignors.
Lehrman, Leo A., assignor.
Leverenz, Ernest G., assignor.
Light, David M., assignor.
Light, D. M., and Bachman, assignors.
Oelkers, Alfred H., assignor.

American Steel Foundries: *See*—Continued
Pierce, Raymond C., assignor.
Poulter, Thomas C., assignor.
Tack, Carl E., assignor.
Tack, C. E., and Vree, assignors.
Watts, Raymond, assignor.
Weisberger, A. A., and Click, assignors.

American Stove Company: *See*—
Brumbaugh, Isaac V., assignor.
Douglas, Bradley C., assignor.
Stockstrom, Arthur, assignor.
Stockstrom, A., Kahler, and Morrill, assignors.

American Sugar Refining Company, The: *See*—
Irvine, William L., assignor.

American Tag Company: *See*—
Van Tuyl, Sidney E., assignor.

American Telephone and Telegraph Company: *See*—
Adkerson, Branch O., assignor.
Anspach, R. J., and Walker, assignors.
Avery, Robert C., assignor.
Bauer, Ernest K., assignor.
Beyland, Sidney W., assignor.
Bowers, Albert F., assignor.
Brown, H. D., and Freeman, assignors.
Bruce, Robert, assignor.
Bruenner, A., and Lodge, assignors.
Carson, A., and Payne, assignors.
Cummings, William H., assignor.
Daly, James B., assignor.
Edmonds, Robert M., assignor.
Gardner, L. A., and Richards, assignors.
Gibbon, Charles O., assignor.
Hanley, Frank H., assignor.
Hayes, Earl J., assignor.
Heymann, Karl, assignor.
Kreeck, J. A., and (Walker, assignor).
Krumreich, C. L., and (Mehan, assignor).
Martin, Wade B., assignor.
Maxwell, John L., assignor.
Nelswinter, James T., assignor.
Perry, Anthony T., assignor.
Peterson, E. L., and Papenmyer, assignors.
Rhoads, Charles S., assignor.
Schroeppel, Harold H., assignor.
Scott, W. F., and Peters, assignors.
Southworth, George C., assignor.
Spangler, Lynn K., assignor.
Spencer, Fred B., assignor.
Torpie, John F., assignor.
Truitt, Joseph A., assignor.
Weaver, Charles E., assignor.

American Telephone and Telegraph Company et al.: *See*—
Gardner, L. A., and Richards, assignors.

American Thermometer Company: *See*—
Weber, Victor, assignor.

American Tobacco Company, The: *See*—
Dalton, John T., assignor.

American Tool & Machine Co.: *See*—
Tholl, John F., assignor.

American Tool Works Company, The: *See*—
Hoelscher, William G., assignor.

American Transformer Company: *See*
Gaston, John R., assignor.
Preston, Ralph H., assignor.

American Type Founders Inc.: *See*—
Seybold, Frederick W., assignor.
Sutter, Otto W., assignor.

American Viscose Corporation: *See*—
Bruenner, Alexander, assignor.
Burke, James J., assignor.
Calvert, W. R., and White, assignors.
Castellan, Carl A., assignor.
Cole, P. M., and Lodge, assignors.
Collins, Benjamin W., assignor.
Crewdson, Henry, assignor.
De Brabander, Camiel, assignor.
Decker, F. A., Jr., and Spangler, assignors.
Decker, F. A., Jr., and Woodward, assignors.
Decker, Ferdinand A., Jr., assignor.
Ebert, David M., assignor.
Haley, H. D., and Burke, assignors.
House, Harrison D., assignor.
Knight, Edward, assignor.
Kulp, M. P., Morehead, Sisson, and Webb, assignors.
Lodge, Alvin, assignor.
Lurtge, William G., assignor.
McDermott, Henry J., assignor.
McDermott, H. J., and Fry, assignors.
Nelson, Seddon C., assignor.
Pape, Harry E., assignor.
Roetman, Edmond T., assignor.
Stanley, R. W., and McDermott, assignors.
Taylor, Robert J., assignor.
Wallach, Roger, assignor.
Wedler, Frederick C., assignor.
Wicker, D. B., and Cox, assignors.
Zahn, Charles T., assignor.

American Voith Contact Co. Inc: *See*—
Frick, Reinhold, assignor.
Kugel, F., and Benz, assignors.

American Well Works, The: *See*—
Sperry, John B., assignor.
Walker, James D., assignor.

American Zinc, Lead & Smelting Company: *See*—
Depew, Harlan A., assignor.

Amery, George, Harborne, Birmingham, assignor to Amery Holding Limited, Oldbury, Birmingham, England. Temperature compensating device for fluid-containing apparatus. 2,367,707; Jan. 23.

Amery, George, Harborne, Birmingham, England; M. Amery, administratrix of said George Amery, deceased. Hydraulic remote control apparatus. 2,371,596; Mar. 20.

Amery, George, Harborne, Birmingham 17, assignor to Amery Holdings Limited, Oldbury, Birmingham, England. Fuel-injection apparatus for internal-combustion engines and like purposes. 2,372,169; Mar. 27.

Amery Holdings Limited: *See*—
Amery, George, assignor.

Amery, Marjorie, administratrix: *See*—
Amery, George.

Ames, Arthur D., Galesburg, assignor to Outboard Marine and Manufacturing Company, Waukegan, Ill. Unit cooler. 2,366,883; Oct. 10.

Ames Baldwin Wyoming Co.: *See*—
Harte, Richard, assignor.

Ames, Blanche A., North Easton, Mass. Propellor snare. 2,374,261; Apr. 24.

Ames, Harold T.: *See*—
Michaud, Elzear, assignor.

Ames, Richard L., et al.: *See*—
Livermont, Frank W., assignor.

Amesbury Seat Manufacturing Company: *See*—
Hare, Terrence G., assignor.

Amick, Chester A.: *See*—
Kienle, R. H., and Amick.
Kienle, R. H., Amick, and Pelker.

Amidon, Merle, Elizabeth, F. T. Lind, North Plainfield, and O. P. Lindberg, Elizabeth, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Supporting apparatus. 2,367,082; Jan. 9.

Amidon, Merle, Elizabeth, and H. E. Thornton, Plainfield, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Making electromagnetic cores. 2,390,863; Dec. 11.

Amidon, Roger W.: *See*—
Guss, C. O., and Amidon.

Amidon, Roy C., assignor to Vanity Fair Mills, Inc., Reading, Pa. Composite fabric and making same. 2,369,651; Feb. 20.

Amidon, Roy C., assignor to Vanity Fair Mills, Inc., Reading, Pa. Knitting needle. 2,371,598; Mar. 20.

Amiot, Felix, Neuilly-sur-Seine, France; vested in the Alien Property Custodian. Shaping elongated metal pieces. 2,369,515; Feb. 13.

Amis, Lewis A., Dallas, Tex. Short line eliminator for duplicating machines. 2,367,083; Jan. 9.

Amis, Lewis A., Dallas, Tex. Ripping scissors. 2,382,281; Aug. 14.

Ammann, Richard, Louisville, Ky., assignor to Reynolds Metals Co., Richmond, Va. Making stamping dies for aluminum sheet and the like. 2,384,229; Sept. 4.

Ammon, Edward R., Reading, Pa. Flat hosiery knitting machine and marking attachment therefor. 2,388,944; Nov. 13.

Ammon, Roscoe A., assignor to Marion Electrical Instrument Co., Manchester, N. H. Electrical indicating instrument. 2,388,897; Nov. 13.

Amore, Leo J., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Grid structure for ice trays. 2,388,378; Nov. 6.

Amos, James L., assignor to The Dow Chemical Company, Midland, Mich. Recovery of copper halides. 2,384,361; Sept. 4.

Amos, James L., Midland, and F. J. Soderquist, Bay City, assignors to The Dow Chemical Company, Midland, Mich. Dehydrogenation of alkenes. 2,370,512; Feb. 27.

Amos, James L., Midland, and F. J. Soderquist, Bay City, assignors to The Dow Chemical Company, Midland, Mich. Production of conjugated diolefins. 2,370,513; Feb. 27.

Amos, James L., Midland, and F. J. Soderquist, Bay City, assignors to The Dow Chemical Company, Midland, Mich. Pyrolysis of alkanols. 2,391,667; Dec. 25.

Amott, Earl, Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Lubricating oil. 2,378,820; June 19.

Amott, Earl, Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Sulphonation process. 2,381,708; Aug. 7.

Ampat Corp.: *See*—
Hajos, Eugene, assignor.

Ampco Corporation: *See*—
Morgan, T. J., and Dearborn, assignors.
Shapiro, A., and Shoup, assignors.

Amrhein, Harald L., and E. E. Fuller, assignors to American Paper Tube Company, Woonsocket, R. I. Textile bobbin and producing the same. 2,378,901; June 26.

Amrhein, Harald L., and E. E. Fuller, assignors to American Paper Tube Company, Woonsocket, R. I. Cop tube or hollow core for packages of yarn and the like. 2,381,869; Aug. 14.

Amrhein, Harald L., and H. J. Feeley, assignors to American Paper Tube Company, Woonsocket, R. I. Spool or bobbin for supporting yarn, thread, cord, or the like. 2,381,870; Aug. 14.

Ams, Max, Machine Company, The: *See*—
Diezel, Willy, assignor.

Amsden, Ralph D., Lynn, Mass., assignor to General Electric Company. Battery charger. 2,366,466; Jan. 2.

Amsler, Alfred J., & Co.: *See*—
Kratzer, Paul, assignor.

Amundsen, Paul L., assignor to Parker-Wolverine Company, Detroit, Mich. Electrolytic deposition of nickel. 2,371,123; Mar. 13.

Amundson, Roald H.: *See*—
Earl, R. H., and Amundson.

Amyot, Pierre, Quebec, Quebec, Canada. Ventilated corset. 2,367,553; Jan. 16.

Anabolic Food Products, Inc.: *See*—
Wigelsworth, Arthur E., assignor.

Anaconda Copper Mining Company: *See*—
Doran, H. M., Jackson, and Alf, assignors.

Anaconda Wire and Cable Company: *See*—
Bassett, W. H., Jr. and Snyder, assignors.

Anania, James A., Newark, N. J. Adjustable toolholder. 2,375,882; May 15.

Ancell, Nathan S., New York, N. Y. Platform and leg construction. 2,384,426; Sept. 11.

Anchor, Ella: *See*—
Anchor, James, assignor.

Anchor Hocking Glass Corporation: *See*—
Buchman, Harry C., assignor.
McNamara, W. L., and Fouse, assignors.
McNamara, W. L., and McFee, assignors.
Nairn, George P., assignor.
Russell, H. W., and Lucks, assignors.
Stover, H. E., and Kosar, assignors.

Anchor, James, assignor to Ella Anchor, Detroit, Mich. Food dispensing system and apparatus. 2,391,287; Dec. 18.

Anchor Manufacturing Company: *See*—
Johansson, Ernest G., assignor.
Johansson, E. G., and Young, assignors.

Ancliff, Frederick: *See*—
Parker, F. A., and Ancliff.

Andale Company: *See*—
McNeal, Daniel R., assignor.

Andalikiewicz, Boley A., D. T. Carlson, and J. E. Hagstrom, assignors to C. Earl Hovey, trustee, Kansas City, Mo. Multiple coin control mechanism for vending machines. 2,383,438; Aug. 28.

Anderau, Walter, Basel, assignor to Society of Chemical Industry of Basle, Basel, Switzerland. Trisazo-dyestuffs and making same. 2,369,516; Feb. 13.

Anderegg, Edward W., assignor to Algoma Net Company, Algoma, Wis. Hammock support. 2,382,528; Aug. 14.

Anders, Frederick W., Danville, Ill. Mechanical action. 2,389,709; Nov. 27.

Andersag, Hans, and K. Westphal, Wuppertal-Elberfeld, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Pyrimidine derivatives and preparing the same. 2,377,395; June 5.

Andersag, Hans, and K. Westphal, Wuppertal-Elberfeld, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Quaternary thiazolium compounds and manufacture thereof. 2,386,766; Oct. 16.

Andersen, Arthur H., and N. E. Fasken, Shawinigan Falls, Quebec, assignors to Shawinigan Chemicals Limited, Montreal, Quebec, Canada. Carbonization. 2,380,930; Aug. 7.

Andersen, Bjorn, Maplewood, N. J., and R. F. Strasdin, New York, N. Y., assignors, by mesne assignments, to Celanese Corporation of America. Extruding thermoplastic compositions. 2,384,521; Sept. 11.

Andersen, Bjorn, Maplewood, and E. Schweizer, East Orange, N. J., assignors to Celanese Corporation of America. Shatterproof plastic. 2,387,227; Oct. 23.

Andersen Corporation: *See*—
Swanson, E. C., Gaskell, and Smothermon, assignors.

Andersen, Ingvart J., Oakland, Calif. Electrode holder. 2,386,080; Oct. 2.

Andersen, Johan M., Hopkinton, Mass. Electrical connector. 2,384,267; Sept. 4.

Andersen, Johan M., Hopkinton, Mass. Electrical connector. 2,386,177; Oct. 9.

Andersen, Jorgen C., Rochester, N. Y. Lens edge grinding machine. 2,369,114; Feb. 13.

Andersen, Leif: *See*—
Tully, J. K., Andersen, and Jones.

Andersen, Niels Y.: *See*—
Wolters, C. F., and Andersen.

Andersen, Soren K., assignor to The Garrett Corporation, Airesearch Manufacturing Company division, Los Angeles, Calif. Oil cooler having viscosity controlled shutter valve. 2,366,586; Jan. 2.

Andersen, Soren K., Los Angeles, and C. J. Vanous, Burbank, assignors to The Garrett Corporation Airesearch Manufacturing Company division, Los Angeles, Calif. Oil cooler protective device. 2,387,426; Oct. 23.

Andersen, Thomas K., West New Brighton, N. Y. Pump. 2,368,091; Jan. 30.

Andershock, Chester E., assignor to Goodman Manufacturing Company, Chicago, Ill. Shuttle car. 2,375,063; May 1.

Andershock, Chester E., assignor to Goodman Manufacturing Company, Chicago, Ill. Material gathering and loading machine. 2,390,410; Dec. 4.

Anderson, Alvin P., Berkeley, and F. H. Stross, Oakland, assignors to Shell Development Company, San Francisco, Calif. Asphalt compositions. 2,370,386; Feb. 27.

Anderson, Andreas, Wellesley Hills, Mass. Electrical connector. 2,389,115; Nov. 20.

Anderson, Andrew J., Minneapolis, Minn. Coiling machine and coiling rods. 2,374,520; Apr. 24.

Anderson, Anton, Chicago, Ill. Manufacture of laps. 2,367,654; Jan. 23.

Anderson, Arthur C., Wildwood Crest, N. J. Pump. 2,377,916; June 12.

Anderson, Arvid E., Haverford Township, Delaware County, Pa., assignor to General Electric Company. Automatic reclosing circuit breaker system. 2,384,362; Sept. 4.

Anderson, Arvid E., Haverford Township, Delaware County, Pa., assignor to General Electric Company. System of electric distribution. 2,385,181; Sept. 18.

Anderson, Axel L., Toledo, Ohio. Equipment for tire retreading. 2,381,963; Aug. 14.

Anderson, Axel L., Rockford, Ill., assignor to Jack & Heintz, Inc., Bedford, Ohio. Reamer. 2,377,660; **June 5.**

Anderson Box Company: *See*—
Ferguson, Kenneth C., assignor.

Anderson, Carl E., et al.: *See*—
Nelson, Noble A., assignor.

Anderson, Clarence T: *See*—
Dean, R. S., and Anderson.

Anderson, David G., Clarendon Hills, and W. B. Fairfield, La Grange, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Liquid measuring apparatus. 2,388,662; Nov. 13.

Anderson, Earl I., Manhasset, N. Y., assignor to Radio Corporation of America. Television apparatus. 2,366,307; Jan. 2.

Anderson, Edgar M.: *See*—
Margolin, N. G., and Anderson.

Anderson, Edward M., and D. H. Morris, Monaca, Pa. Clothes post. 2,391,536; Dec. 25.

Anderson, Einar H., Minneapolis, Minn. Rock crusher. 2,383,457; Aug. 28.

Anderson, Elmer A., Moorhead, Minn. Safety gun trigger. 2,380,140; July 10.

Anderson, Emil, Brairclift Manor, N. Y., assignor to Electrolux Corporation, Old Greenwich, Conn. Worm gearing. 2,378,891; June 26.

Anderson, Ernest H., Jamestown, N. Y. Fastener for bed rails and the like. 2,386,178; Oct. 9.

Anderson, George, Chicago, Ill. Heater. 2,370,116; Feb. 27.

Anderson, George M., Duvall, Wash. Device for holding inner tubes. 2,384,803; Sept. 18.

Anderson, George W.: *See*—
Robiln, R. O., Jr., and Anderson.

Anderson, George W., Stamford, and R. O. Roblin, Jr., Old Greenwich, Conn., assignors to American Cyanamid Company, New York, N. Y. Sulphonyl cyanamides. 2,390,411; Dec. 4.

Anderson, George Y., Milwaukee, assignor to Bucyrus-Erie Company, South Milwaukee, Wis. Crane boom suspension. 2,391,440; Dec. 25.

Anderson, Gilbert R., Elsmere, assignor to Hercules Powder Company, Wilmington, Del. Rosin esters and producing. 2,369,125; Feb. 13.

Anderson, Gordon R., Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Conductor connection for electrical machines. 2,391,115; Dec. 18.

Anderson, Harold C.: *See*—
Henderson, D., Rush and Anderson.

Anderson, Harold J., et al.: *See*—
Stow, Clarence E., assignor.

Anderson, Harry W.: *See*—
Haldane, James M., assignor.

Anderson, Helmer, Minneapolis, Minn., assignor to General Mills, Inc. Bin level control. 2,376,304; May 15.

Anderson, Hilton J.: *See*—
Fuglie, E. A., and Anderson.

Anderson, Howard M., West Lafayette, Ind., assignor to Teletype Corporation, Chicago, Ill. Printing telegraph apparatus. 2,381,566; Aug. 7.

Anderson, James A., Jr., Goose Creek, Tex., assignor to Standard Oil Development Company. Production of aviation gasoline. 2,389,176; Nov. 20.

Anderson, James G., Trowbridge, R. Hill and L. B. Morgan, Manchester, England, assignors to Imperial Chemical Industries Limited. Manufacture and application of synthetic rubber-like materials. 2,385,182; Sept. 18.

Anderson, James L., Closter, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Apparatus for making welded tubes. 2,370,387; Feb. 27.

Anderson, James L., Closter, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Skelp welding unit with rolls. 2,371,209; Mar. 13.

Anderson, James L., Closter, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Billet surfacing machine. 2,380,569; July 31.

Anderson, James L., Closter, N. J., assignor to Air Reduction Company, Incorporated. Plate cutting or welding machine. 2,389,585; Nov. 27.

Anderson, James M., Broomall, Pa., assignor to General Electric Company. Locking mechanism for electric switches. 2,389,400; Nov. 20.

Anderson, James T., R. S. Wells, and W. J. Scott, Rugby, England, assignors to General Electric Company. Making electric discharge device. 2,379,057; June 26.

Anderson, John: *See*—
Peterson, W. H., and Anderson.
Ross, W. E., McAllister, and Anderson.

Anderson, John, Berkeley, and E. F. Bullard, Oakland, assignors to Shell Development Company, San Francisco, Calif. Production of alkylation products. 2,375,724; May 8.

Anderson, John, and W. H. Peterson, Berkeley, and S. H. McAllister, Lafayette, assignors to Shell Development Company, San Francisco, Calif. Polymerization of olefins. 2,380,358; July 10.

Anderson, John, Berkeley, S. H. McAllister, Lafayette, and W. E. Ross, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Isomerization of hydrocarbons. 2,387,868; Oct. 30.

Anderson, John A., Pittsburgh, Pa. Tool for removing valve seats, bushings, or the like. 2,366,467; Jan. 2.

Anderson, John A., assignor to Standard Oil Company, Chicago, Ill. Hydrocarbon conversion. 2,374,262; Apr. 24.

Anderson, John A., assignor to Standard Oil Company, Chicago, Ill. Hydrocarbon conversions and catalysts therefor. 2,381,481; Aug. 7.

Anderson, John T.: *See*—
Weber, John A., assignor.

Anderson, Leslie J., Indianapolis, Ind., assignor to Radio Corporation of America. Automatically detonated projectile. 2,389,288; Nov. 20.

Anderson, Lloyd L., Grand Rapids, assignor to Winters & Crampton Corporation, Grandville, Mich. Latch. 2,385,961; Oct. 2.

Anderson, Mads P., Woburn, Mass. Greenhouse construction. 2,384,719; Sept. 11.

Anderson, Martin E., assignor to The Bristol Company, Waterbury, Conn. Method and apparatus for straightening blanks. 2,389,885; Nov. 27.

Anderson, Miner S., Wabasha, Minn. Toy wagon and steering the same. 2,388,629; Nov. 6.

Anderson, Nelson F., East Orange, N. J., assignor, by mesne assignments, to United States Government, as represented by the Secretary of War and his successors in office. Propellent charge holder. 2,369,003; Feb. 6.

Anderson, Oscar M.: *See*—
Badger, H. M., and Anderson.

Anderson, Oscar M., assignor to Landers, Frary & Clark, New Britain, Conn. Hose coupling for vacuum cleaners. 2,367,188; Jan. 16.

Anderson, Philip P., Jr., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,367,708; Jan. 23.

Anderson, Philip P., Jr., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,374,521; Apr. 24.

Anderson, Philip P., Jr., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,382,123; Aug. 14.

Anderson, Phillip A.: *See*—
Swenson, A. H., and Anderson.

Anderson Products, Inc.: *See*—
Ferguson, Warren T., assignor.

Anderson, Ralph L., C. R. Arnold, and L. A. Paradise, assignors to Deere & Company, Moline, Ill. Harvester thresher. 2,367,990; Jan. 23.

Anderson, Raymond D., Milwaukee, Wis. Wire twisting tool. 2,375,835; May 15.

Anderson, Raymond M., assignor to Evans Products Company, Detroit, Mich. Internal-combustion engine charge forming apparatus. 2,375,883; May 15.

Anderson, Raymond M., assignor to Evans Products Company, Detroit, Mich. Internal-combustion engine charge forming apparatus. 2,380,374; July 31.

Anderson, Robert G., Doylestown, assignor to Autogiro Company of America, Philadelphia, Pa. Rotative winged aircraft. 2,370,127; Feb. 27.

Anderson, Robert G., Doylestown, assignor to Autogiro Company of America, Philadelphia, Pa. Rotative winged aircraft. 2,379,847; July 3.

Anderson, Robert L., Talmage, Calif. Reflecting device. 2,378,677; June 19.

Anderson, Roger, Seattle, Wash. Surgical cast, cast material, and method. 2,373,802; Apr. 17.

Anderson, Roger, Seattle, Wash. Surgical cast or splint material, method of application, and product thereof. 2,384,804; Sept. 18.

Anderson, Roger, Seattle, Wash. Ambulatory rotating reduction and fixation splint. 2,391,537; Dec. 25.

Anderson, Roy D., assignor to Lawrence Paper Company, Lawrence, Kans. Container cover and attachment therefor. 2,370,927; Mar. 6.

Anderson, Russell G., Bedford, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Piston connection. 2,387,634; Oct. 23.

Anderson School Equipment Co.: *See*—
Riggio, Frank, assignor.

Anderson, Swan F., Rockford, Ill. Pump and seal therefor. 2,366,765; Jan. 9.

Anderson, Thomas: *See*—
Morgan, J. D., and Anderson.

Anderson, Thomas A., Hartwell, Ga., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine. 2,376,648; May 22.
Anderson, Thure A., Des Plaines, Ill., assignor to U. S. Slicing Machine Company, La Porte, Ind. Slicing machine. 2,370,705; Mar. 6.
Anderson, Waldemar E., Montclair, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Lamp with means to improve lumen maintenance. 2,379,058; June 26.
Anderson, Walter A., Long Hill, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Paper carriage for accounting machines. 2,366,468; Jan. 2.
Anderson, Walter A., Bridgeport, Conn., assignor to Underwood Corporation. Carriage control for accounting machines. 2,382,195; Aug. 14.
Anderson, Warren D., assignor to Norma-Hoffmann Bearings Corporation, Stamford, Conn. Resilient ball separator. 2,367,554; Jan. 16.
Anderson, William B.: *See*—
Kingsbury, F. L., Cole, and Anderson.
Anderson, William G., Kennedy, Minn. Thin swath booster. 2,391,763; Dec. 25.
Anderson, William R., assignor of one-third to J. M. Foster, and one-third to E. N. Tracy, Memphis, Tenn. Portable step for vehicle repair mechanics. 2,378,678; June 19.
Anderson, William S., assignor to Penn-Standard Sole Cementing Process, Inc., Philadelphia, Pa. Sole roughing tool. 2,390,633; Dec. 11.
Anderson, William T., assignor to Contour Saws, Incorporated, Des Plaines, Ill. Saw band for hard refractory materials. 2,368,092; Jan. 30.
Andersson, Sven W. E., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,368,438; Jan. 30.
Andersson, Sven W. E., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,372,044; Mar. 20.
Andersson, Sven W. E., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Air conditioning. 2,381,427; Aug. 7.
Anderton, Edward C., Tappahannock, Va. Nutlock. 2,383,231; Aug. 21.
Andis Clipper Company: *See*—
Andis, Mathew, assignor.
Andis, Mathew, assignor to Andis Clipper Company, Racine, Wis. Massage apparatus. 2,384,427; Sept. 11.
Andler, Robert F., Rutherford, assignor to Conmar Products Corporation, Newark, N. J. Slide fastener stringer. 2,368,911; Feb. 6.
Andreas, John M., Pasadena, assignor to Technicolor Motion Picture Corporation, Hollywood, Calif. Continuous stip-handling reel. 2,388,591; Nov. 6.
Andreasson, Rudolf W., Detroit, Mich. Drill. 2,370,706; Mar. 6.
Andreasson, Rudolf W., Detroit, Mich. Mechanism for relieving the teeth of circular cutting elements. 2,389,401; Nov. 20.
Andreef, Alexis D., Montreal, Quebec, Canada. Ski. 2,369,004; Feb. 6.
Andres, Lloyd J., assignor to Automatic Instrument Company, Chicago, Ill. Coin operated device. 2,366,469; Jan. 2.
Andres, William J.: *See*—
Sanford, R. S., and Andres.
Andresen, Gilbert J. C., Port Clinton, Ohio. Method and apparatus for detecting and neutralizing static charges on aircraft or the like. 2,386,647; Oct. 9.
Andresen, Hilmar A., assignor of one-half to M. Keim, Chicago, Ill. Compressor. 2,382,598; Aug. 14.
Andresen, William A., and L. Boero, assignors to The Casement Hardware Company, Chicago, Ill. Tropical louver construction. 2,386,380; Oct. 9.
Andress, Harry J., Jr.: *See*—
Reiff, O. M., and Andress.
Andrew, Harry J., Oldham, England. Appliance for machine tapping or screwing operations. 2,375,718; May 1.
Andrew, Harry J., Oldham, England. Appliance for machine tapping or screwing operations. 2,378,967; June 26.
Andrew, Thomas A.: *See*—
Johnston, M. O., Andrew, Graham, and Smith.
Andrews, Bernard R., Braintree, Mass. Drying apparatus. 2,389,586; Nov. 27.
Andrews, Bernard R., Braintree, Mass. Drying apparatus. 2,391,764; Dec. 25.
Andrews, Clyde M.: *See*—
Van Wagner, C. A., and Andrews.
Andrews Company: *See*—
Coddington, Howard O., assignor.
Andrews, Earle R., and L. H. Steans, Los Angeles, Calif. Fastening device. 2,386,922; Oct. 16.
Andrews, Edward D.: *See*—
Alderfer, Sterling W., assignor.
Andrews, Edward F., Youngstown, Ohio. Trap. 2,374,522; Apr. 24.
Andrews, Gilman B.: *See*—
Sensiper, S., and Andrews.
Andrews, Harold, Halesowen, England. Centrifugal casting machine. 2,377,917; June 12.
Andrews, Harold, Halesowen, England. Centrifugal casting machine. 2,385,250; Sept. 18.
Andrews, Harold K.: *See*—
Gaynor, E. G., and Andrews.
Andrews, John S., Los Angeles, Calif. Gas valve control attachment. 2,371,727; Mar. 20.
Andrews, John S., and R. C. Sherwood, St. Paul, Minn., assignors to General Mills, Inc. Natural high vitamin flour process. 2,377,741; June 5.
Andrews, Leonard H.: *See*—
Ross, Andrew, assignor.
Andrews, Mark, Kirkwood, Mo. Marking roller. 2,371,728; Mar. 20.
Andrews, Morris L., et al.: *See*—
Binder, Joseph, assignor.
Andrews, Norman F., assignor to Deere & Company, Moline, Ill. Husking mechanism. 2,389,402; Nov. 20.
Andrews, Norwood H., assignor to International Pulverizing Corporation, Moorestown, N. J. Pulveriser. 2,376,747; May 22.
Andrews, Norwood H., Moorestown, N. J., assignor to International Pulverizing Corporation. Method and apparatus for refining dry materials. 2,390,678; Dec. 11.
Andrews, Ollie T., Marion, La. Hay baler. 2,366,230; Jan. 2.
Andrews, P. L., Corporation: *See*—
Hoffman, L., and Dalmen, assignors.
Andrews, Paul D., Schenectady, N. Y., assignor to General Electric Company. Balancing system. 2,380,389; July 31.
Andrews, Percival W.: *See*—
Dewan, Leon, assignor.
Andrews, Troy M.: *See*—
Martin, M. E., and Andrews.
Andrews, Willard A., et al.: *See*—
Binder, Joseph, assignor.
Andrus, Budd W., Eugene, Oreg. Power transmission for sawmill carriages. 2,386,923; Oct. 16.
Andrus, Foscoe H., Windsor, Conn. Positioning indicator for engine pistons. 2,386,179; Oct. 9.
Andrus, Hamlin F., et al.: *See*—
Gelbman, L., Olsen, and Mays, assignors.
Aneiros, Joseph, assignor to E. W. Bliss Company, Brooklyn, N. Y. Apparatus for edging sheet metal blanks. 2,370,128; Feb. 27.
Anemostat Corporation of America: *See*—
Honerkamp, F., Kurth, and Serre, assignors.
Kurth, Franz J., assignor.
Kurth, F. J., and Honerkamp, assignors.
Kurth, F. J., Honerkamp, Poeten and Kunen, assignors.
Serre, M., Hewett, and Schaefer, assignors.
Angel, Henry S., E. W. Fuller, and R. G. Berger, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Mineral oil. 2,381,377; Aug. 7.
Angell, Charles H.: *See*—
Newhardt, Joseph B., assignor.
Angell, Charles J.: *See*—
Brown, John H., assignor.
Angell, Elvin D., assignor to Overland Candy Corporation, Chicago, Ill. Packaging machine. 2,379,407; July 3.
Angell, Herbert W.: *See*—
Gottschalk, F. W., and Angell.
Angell, Robert C., Prince Bay, N. Y., assignor to The S. S. White Dental Manufacturing Company. Dental equipment stand. 2,371,597; Mar. 20.
Angell, Robert C., Prince Bay, N. Y., assignor to The S. S. White Dental Manufacturing Company. Dental equipment stand. 2,373,442; Apr. 10.
Angelus Sanitary Can Machinery Co.: *See*—
Schurch, Jacob H., assignor.
Anglo California National Bank of San Francisco, The: *See*—
Fisher, Harmon F., assignor.
Jameson, Frank E., assignor.
Anglo California National Bank of San Francisco, The, trustee: *See*—
Hansgirg, Fritz J., assignor.
Rademaker, John C., assignor.
Anglo-Iranian Oil Company Limited: *See*—
Birch, S. F., and Besly, assignors.
Evans, N., and Docksey, assignors.
Fawcett, E. W. M., and Narracott, assignors.
Angold, Edward B.: *See*—
Angold, Herbert E. and E. B.
Angold, Herbert E. and E. B., London, S. W. 16, England. Remote-control speed indicator. 2,372,633; Mar. 27.
Anholtt, Anders P.: *See*—
Giern, James B.
Giern, J. B., and Anholtt.
Annen, Robert, Bienne, Switzerland. Control device for the automatic pilotage of airplanes. 2,378,744; June 19.
Annis, Ellsworth: *See*—
Perkins, W. W., and Annis.
Annis, Robert B., Indianapolis, Ind. Electronic type balancer. 2,382,843; Aug. 14.
Annis, Russell K., Asheville, N. C. Astronomical instrument. 2,366,470; Jan. 2.
Anschicks, Rudolph J., assignor to Protectoseal Company of America, Inc., Chicago, Ill. Relief valve. 2,369,005; Feb. 6.

Anschütz, Robert, Zella-Mehlis, Germany; vested in the Alien Property Custodian. Typewriting calculating machine. 2,378,902; June 26.
Anschütz, Robert, and E. H. Kämmel, Zella-Mehlis, Thuringia, Germany; vested in the Alien Property Custodian. Typewriter calculating machine. 2,378,527; June 19.
Ansel, Gerhard, assignor to The Dow Chemical Company, Midland, Mich. Rolling magnesium alloys. 2,378,679; June 19.
Anson, George, Island Park, N. Y. Shoe. 2,368,960; Feb. 6.
Anson, George, Island Park, N. Y. Heel construction for shoes. 2,369,201; Feb. 13.
Anspach, Russell J., Westfield, and C. R. Walker, Jersey City, N. J., assignors to American Telephone and Telegraph Company. Teletypewriter control system. 2,375,064; May 1.
Antalek, John J., assignor to The Rauland Corporation, Chicago, Ill. Modulation system. 2,372,701; Apr. 3.
Antalek, John J., assignor to Virgil Hamilton, doing business as Hamilton Associated Industries, Chicago, Ill. Phonograph. 2,382,461; Aug. 14.
Anthes, Clifford C.: *See*—
Jacobsson, W. J., and Anthes.
Anthony, Benjamin F.: *See*—
Charman, W. M., and Anthony.
Anthony Company: *See*—
Wachter, Lester W., assignor.
Anthony, Stanley, Boston, Mass. Trouser hanger. 2,382,964; Aug. 21.
Antiseptol Company, Inc.: *See*—
McDow, Everett E., assignor.
Antonelli, Leonida, Este, Padova, and O. Pavan, Imola, Italy; vested in the Alien Property Custodian. Milling machine for ingots. 2,387,553; Oct. 23.
Antos, George, Forest Hills, assignor to Precision Shapes, Inc., New York, N. Y. Machine for the manufacture of cans. 2,366,993; Jan. 9.
Antrim, Charles H., Grand Rapids, assignor to Hammond Machinery Builders, Inc., Kalamazoo, Mich. Dust collector for grinding and other machines. 2,384,414; Sept. 4.
Anway, Herman W., assignor to Wood Conversion Company, Cloquet, Minn. Manufacture and testing of fiber mats. 2,375,182; May 8.
Apel, Arno A., Ventnor City, N. J. Boat, seaplane, and the like. 2,367,323; Jan. 16.
Apex Electric Manufacturing Company, The: *See*—
Frantz, Paul E., assignor.
Apex Electrical Manufacturing Company, The: *See*—
Bottinelli, Lelio A., assignor.
Apex Electrical Manufacturing Company, The, trustee: *See*—
Kirby, James B., assignor.
Apfelbaum, Huna L., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Dispensing container. 2,377,120; May 29.
Apfelbaum, Huna L., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Lipstick holder. 2,386,417; Oct. 9.
Apgar, Frank A., Chicago, Ill., assignor to Sinclair Refining Company, New York, N. Y. Treatment of light petroleum distillate containing undesirable sulphur compounds. 2,367,178; Jan. 16.
Apgar, Frank A., and J. W. Teter, Chicago, Ill., assignors to Sinclair Refining Company, New York, N. Y. Production of organic compounds containing nitrogen. 2,381,709; Aug. 7.
Apostolescu, Stefan, New York, N. Y. Helicopter. 2,384,445; Sept. 11.
Appel, Everett H., Aurora, Ill. Sleeve puller. 2,377,304; June 5.
Appel, Oswald A., Spokane, Wash., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Harvester-thresher and the like. 2,382,965; Aug. 21.
Appelberg, Gustaf R.: *See*—
Bullard, E. P., III, Appelberg, and Johnson.
Appeldoorn, William R., Detroit, Mich. Dust precipitator. 2,370,629; Mar. 6.
Appeldoorn, William R., Detroit, Mich. Dust separator. 2,375,203; May 8.
Appeman, Walter R., Champaign, Ill. Double acting, two-cycle Diesel engine. 2,387,107; Oct. 16.
Applebaum, Milton, New York, N. Y. Safety lockable cover for gas ranges. 2,390,234; Dec. 4.
Appleford Paper Products, Ltd.: *See*—
Willis, Cecil H. N. R., assignor.
Appleman, Theodore C., Mansfield, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Heating apparatus. 2,389,587; Nov. 27.
Appleton, Joseph H.: *See*—
Stone, A. L., and Appleton.
Appling, William L., Uvalde, Tex. Photographic device. 2,388,240; Nov. 6.
Archbold-Hagner Instrument Laboratory: *See*—
Hagner, Frederick H., assignor.
Archenbronn, George E., assignor, by mesne assignments, to Belmont Radio Corporation, Chicago, Ill. High frequency attenuating device. 2,390,489; Dec. 11.
Archer, George F., New York, N. Y. Explosive carrier sensitive to airplane induced aerial disturbances. 2,377,742; June 5.
Archibald, Raymond C., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Treatment of hydrocarbons. 2,370,707; Mar. 6.
Archibald, Raymond C., Berkeley, and R. A. Trimble, El Cerrito, assignors to Shell Development Company, San Francisco, Calif. Recovery of metal values. 2,386,081; Oct. 2.
Architectural and Industrial Sales Corporation: *See*—
Lancaster, Eustis A., Jr., assignor.
Arco Company, The: *See*—
Hexter, Paul L., assignor.
Ardell, Edgar: *See*—
Kimball, W. D., and Ardell.
Ardell, Edgar, Middletown, assignor to Standard-Knapp Corporation, Portland, Conn. Bottle removing apparatus. 2,368,796; Feb. 6.
Arden, Thomas R., assignor to Bard-Parker Company, Inc., Danbury, Conn. Internal-combustion engine. 2,375,183; May 8.
Ardussi, Wallace F.: *See*—
Mackmann, A., and Ardussi.
Arelt, Charles, Richmond Hill, N. Y., assignor to American Machine & Foundry Company. Mechanism for closing the open tubular end of the wrapper of a package. 2,378,457; June 19.
Arelt, Charles, Richmond Hill, N. Y., assignor to American Machine and Foundry Company. Tucking and folding mechanism for wrapping machines. 2,385,675; Sept. 25.
Arena, Hector J., Hudson, and J. J. Virgona, Cliffside Park, N. J. Covering containers. 2,371,667; Mar. 20.
Arens, Charles A., assignor to Arens Controls, Inc., Chicago, Ill. Transmission cable. 2,382,966; Aug. 21.
Arens, Charles A., assignor to Arens Controls, Inc., Chicago, Ill. Control mechanism. 2,384,805; Sept. 18.
Arens, Charles A., assignor to Arens Controls, Inc., Chicago, Ill. Control mechanism. 2,386,767; Oct. 16.
Arens, Charles A., assignor to Arens Controls, Inc., Chicago, Ill. Transmission cable. 2,388,241; Nov. 6.
Arens, Charles A., assignor to Arens Controls, Inc., Chicago, Ill. Control mechanism. 2,390,069; Dec. 4.
Arens Controls, Inc.: *See*—
Arens, Charles A., assignor.
Norton, Calhoun, assignor.
Arentzen, Einar M., Charlerol, assignor to Joy Manufacturing Company, Franklin, Pa Loading machine. 2,376,857; May 29.
Arentzen, Einar M., Charlerol, Pa., assignor to Goodman Manufacturing Company, Chicago, Ill. Truck or vehicle. 2,378,892; June 26.
Aresee Company Inc., The: *See*—
Chandler, Daniel L., assignor.
Arey, Fred C.: *See*—
Hibner, D. E., and Arey.
Arey, Fred C., and De Los E. Hibner, Jr., Du Bois, Pa., assignors to Vulcan Soot Blower Corporation. Drying apparatus for cylinder heads. 2,374,968; May 1.
Argus, Inc.: *See*—
Fassin, Gustave, assignor.
Harris, Clinton H., assignor.
Argyle, Christopher S.: *See*—
Olpin, H. C., and Argyle.
Stanley, E., Argyle, and Olpin.
Argyle, Christopher S., Spondon, near Derby, assignor to British Celanese Limited, London, England. Disazo naphthopyridine dyes. 2,380,488; July 31.
Argyle, Christopher S., Spondon, near Derby, assignor to British Celanese Limited, London, England. Aroylaminonitrodiphenylamine. 2,388,663; Nov. 13.
Aridye Corporation: *See*—
Coward, H. W., and Shafer, assignors.
Ariens, Mando S., Brillion, Wis. Road surface-working machine. 2,381,330; Aug. 7.
Arisman, Mervin B.: *See*—
Turner, B. S., Arisman, and Veatch.
Ark, Peter A., assignor to The Regents of The University of California, Berkeley, Calif. Preserving microorganisms. 2,376,333; May 22.
Arkansas Company, Inc.: *See*—
Cook, A. A., and Whitworth, assignors.
Cook, A. A., Tjorn, and Zaparanick, assignors.
Arkell & Smiths, Inc.: *See*—
Bamford, Arthur P., assignor.
Arkis, Jerome W.: *See*—
Woodward, F. E., and Arkis.
Arkus-Duntov, Zachar, and G. A. Rubissow, New York, N. Y. Polyharmonic self-tuning damper means. 2,367,709; Jan. 23.
Arlequeeuw, Alois, Providence, R. I. Loom temple. 2,366,994; Jan. 9.
Arma Engineering Co., Inc.: *See*—
Macomber, James K., assignor.
Armand Company, The: *See*—
Weeks, Carl, assignor.
Armbrust Chain Company: *See*—
Armbrust, F., and Reibling, assignors.
Armbrust, Ferdinand, and A. G. Reibling, Cranston, R. I., assignors to Armbrust Chain Company. Chain filling machine. 2,371,141; Mar. 13.
Armbrust, John T., Chicago, Ill. Three-dimensional picture. 2,386,418; Oct. 9.
Armentrout, Arthur L., Long Beach, Calif. Speed control mechanism. 2,372,702; Apr. 3.

Armentrout, Arthur L., Long Beach, Calif. Jarring tool 2,389,710; Nov. 27.
Armentrout, Arthur L., Long Beach, Calif. Well jar. 2,389,711; Nov. 27.
Armington, George E.: *See*— Armington, R. Q., S. F., and G. E.
Armington, George E., South Euclid, assignor to The Euclid Road Machinery Co., Euclid, Ohio. Hydraulic door operating device. 2,366,587; Jan. 2.
Armington, Raymond Q., Shaker Heights, assignor to The Euclid Road Machinery Co., Euclid, Ohio. Sealing means. 2,373,443; Apr. 10.
Armington, Raymond Q., Shaker Heights, S. F. Armington, Willoughby, and G. E. Armington, South Euclid, assignors to The Euclid Road Machinery Company, Euclid, Ohio. Conveyer loader with diagonal belt. 2,386,187; Oct. 9.
Armington, Raymond Q., Shaker Heights, assignor to The Euclid Road Machinery Co., Euclid, Ohio. Brake for crawler track. 2,389,289; Nov. 20.
Armington, Stewart F.: *See*— Armington, R. Q., S. F., and G. E.
Armitage, Joseph B., Wauwatosa, and O. W. Barker, Milwaukee, assignors to Kearney & Trecker Corporation, West Allis, Wis. Machine tool. 2,370,764; Mar. 6.
Armitage, Joseph B., Wauwatosa, assignor to Kearney & Trecker Corporation, West Allis, Wis. Machine tool transmission and control mechanism. 2,374,719; May 1.
Armitage, Joseph B., Wauwatosa, assignor to Kearney & Trecker Corporation, West Allis, Wis. Milling machine. 2,379,405; July 3.
Armitage, Joseph B., Wauwatosa, assignor to Kearney & Trecker Corporation, West Allis, Wis. Machine tool transmission and control mechanism. 2,382,934; Aug. 14.
Armitage, Joseph B., Wauwatosa, assignor to Kearney & Trecker Corporation, West Allis, Wis. Variable speed drive mechanism. 2,382,935; Aug. 14.
Armitage, Joseph B., and T. F. Eserkain, Wauwatosa, assignors to Kearney & Trecker Corporation, West Allis, Wis. Machine tool power transmission and control mechanism. 2,385,907; Oct. 2.
Armitage, Joseph B., Wauwatosa, and O. W. Barker, K. A. Riedel, and F. D. Boehmer, Milwaukee, assignors to Kearney & Trecker Corporation, West Allis, Wis. Machine tool. 2,387,820; Oct. 30.
Armour and Company: *See*— Kell, Havard L., assignor. Oswald, E. C., and Lewis, assignors. Porsche, Jules D., assignor. Porsche, J. D., and Josh, assignors. Ralston, A. W., Barrett, and McCorkle, assignors. Roundy, Z. D., and Keil, assignors. Schultz, Kristian, assignor. Sifferd, Robert H., assignor.
Armour Research Foundation: *See*— Camras, Marvin, assignor. Schwarz, Ernst L., assignor.
Arms, Merton H., assignor to Bryant Chucking Grinder Company, Springfield, Vt. Hand controlled hydraulic drive mechanism. 2,378,680; June 19.
Arms, Richard P., Cambridge, Mass., assignor to General Electric Company. Gas engine exhaust flame quencher. 2,382,386; Aug. 14.
Armstrong, Bernard C., Oklahoma City, Okla. Garden tool. 2,366,231; Jan. 2.
Armstrong, C. M., Inc.: *See*— Block, R. J., and Hellwig, assignors.
Armstrong, Charles E., assignor to Armstrong Heat Control Co., Portland, Oreg. Electrical mechanism and wiring circuits therefor. 2,379,856; July 10.
Armstrong Cork Company: *See*— Bare, Martin K., assignor. Berger, John L., assignor. Bers, Sara J., assignor. Billmeyer, Bruce R., assignor. Brown, H. C., Jr., and Abbott, assignors. Derham, Philip A., assignor. Dunlap, Lawrence H., assignor. Egli, Herman K., assignor. Gaenzle, Luther E., assignor. Green, Clarence C., assignor. Hartman, Samuel H., assignor. Hazeltine, James E., Jr., assignor. Hill, Ralph M., assignor. King, Ellis G., assignor. Lyall, John D., assignor. Menger, F. B., and Gaenzle, assignors. Navikas, Victor A., assignor. Perry, Arlington C., assignor. Powers, Paul O., assignor. Spencer, Virgil, assignor. Weber, Karl H., assignor. Wiley, John W., assignor. Wisler, John J., assignor.
Armstrong, Fullerton G. G., Beverley, England. Control valve. 2,371,122; Mar. 13.
Armstrong, George A., Barrington, assignor to Budiong, Docherty & Armstrong, Providence, R. I. Nut for ear ornaments. 2,373,002; Apr. 3.
Armstrong, George C., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Switch. 2,372,045; Mar. 20.
Armstrong, George C., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Mechanical interlock. 2,381,243; Aug. 7.
Armstrong, George M., Grand Rapids, assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,385,908; Oct. 2.
Armstrong, H. D.: *See*— Thompson, Ross, assignor.
Armstrong Heat Control Co.: *See*— Armstrong, Charles E., assignor.
Armstrong, Howard W.: *See*— Brewer, John A., assignor.
Armstrong, James J.: *See*— Autrey, Cecil M., assignor.
Armstrong, Morgan T., San Bruno, Calif. Rotary engine. 2,371,942; Mar. 20.
Armstrong, Robert T., assignor to United States Rubber Company, New York, N. Y. Vulcanization accelerators. 2,382,769; Aug. 14.
Armstrong Siddeley Motors Limited: *See*— Hoppner, Fritz A. M., assignor.
Armstrong, Wayne, Woodland, Calif. Front end loader. 2,391,538; Dec. 25.
Armstrong, Werner E., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Mechanical governor for internal-combustion engines. 2,382,952; Aug. 21.
Arndt, Charles, South Pasadena, Calif. Grease trap. 2,383,436; Aug. 28.
Arndt, John P., Jr., Euclid, assignor to The Brush Development Company, Cleveland, Ohio. Transient signal recording-reproducing device. 2,378,383; June 19.
Arndt, John P., Jr., Euclid, and W. J. Brown and A. L. W. Williams, Cleveland Heights, assignors to The Brush Development Company, Cleveland, Ohio. Piezoelectric apparatus. 2,387,108; Oct. 16.
Arndt, John P., Jr., Euclid, assignor to The Brush Development Company, Cleveland, Ohio. Piezoelectric transducer. 2,388,242; Nov. 6.
Arne, Christian, Seneca, Ill. Automatic lock gate. 2,375,739; May 8.
Arner, William J.: *See*— Knight, M., Wampler, and Arner.
Arnesen, Walter A., Flushing, N. Y. Ophthalmoscope. 2,370,514; Feb. 27.
Arneson, Edwin L., Morris, assignor to Morris Paper Mills, Chicago, Ill. Bottle holder. 2,372,351; Mar. 27.
Arneson, Edwin L., Morris, assignor to Morris Paper Mills, Chicago, Ill. Bottle carrier. 2,382,844; Aug. 14.
Arneson, Edwin L., Morris, assignor to Morris Paper Mills, Chicago, Ill. Carton. 2,388,243; Nov. 6.
Arneson, Hillard O., et al.: *See*— Flynn, Thomas W., assignor.
Arnette, Oliver P., Hattiesburg, Miss. Scarifying tool. 2,377,918; June 12.
Arney, Armond M., Toledo, Ohio. Mechanism to obtain and control motion transverse to axis of rotation. 2,367,555; Jan. 16.
Arnhym, Albert A., San Diego, Calif., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Vacuum cleaner. 2,381,710; Aug. 7.
Arnhym, Albert A., Los Angeles, assignor to Solar Aircraft Company, San Diego, Calif. Spill for aircraft. 2,387,708; Oct. 30.
Arnold, Aaron, East Orange, and C. B. Schreffler, Montclair, assignors to National Oil Products Company, Harrison, N. J. Treating vitamin B concentrates. 2,390,679; Dec. 11.
Arnold, Arthur A.: *See*— Madsen, P. S., and Arnold.
Arnold, Arthur B., assignor to Modine Manufacturing Company, Racine, Wis. Oil cooler tube. 2,373,218; Apr. 10.
Arnold, Chester R.: *See*— Anderson, R. L., Arnold, and Paradise.
Arnold, Edwin, assignor to Woodall-Duckham (1920) Limited, London, England. Emulsification of tars and like substances. 2,372,924; Apr. 3.
Arnold, Edwin E.: *See*— Newton, J. S., and Arnold.
Arnold, Edwin E., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit interrupter. 2,381,244; Aug. 7.
Arnold, George B., Beacon, assignor to The Texas Company, New York, N. Y. Refining of rosin. 2,382,196; Aug. 14.
Arnold, George V., Irvington, N. J. Shears or scissors. 2,369,271; Feb. 13.
Arnold, Gerald D., Wauwatosa, Wis. Hammermill for stock feed. 2,367,179; Jan. 16.
Arnold, Gerald D., Wauwatosa, Wis. Apparatus and method for treating material in a pneumatic current. 2,368,699; Feb. 6.
Arnold, Harold W., Marshallton, and G. L. Dorough, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Interpolymers of asymmetrical dichloroethylene. 2,380,009; July 10.
Arnold, Jane A., Salt Lake City, Utah. Globe. 2,379,468; July 3.
Arnold, Melvin R., Charlestown, Ind., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Extraction thimble. 2,384,230; Sept. 4.

Arnold, Michael H. M., Norton-on-Tees, England, assignor to Imperial Chemical Industries Limited. Compositions for use in agriculture or horticulture. 2,372,046; Mar. 20.
Arnold, Michael H. M., and W. E. Perry, Norton-on-Tees, England, assignors to Imperial Chemical Industries Limited. Preparation of sulphur nitride. 2,382,845; Aug. 14.
Arnold, Philip M., Bartlesville, Okla., assignor to Phillips Petroleum Company. Solvent extraction system. 2,379,332; June 26.
Arnold, Philip M., Bartlesville, Okla., assignor to Phillips Petroleum Company. Hydrocarbon conversion. 2,380,010; July 10.
Arnold, Philip M., Bartlesville, Okla., assignor to Phillips Petroleum Company. Purifying anhydrous aluminum chloride. 2,387,228; Oct. 23.
Arnold, Richard T., assignor to Regents of the University of Minnesota, Minneapolis, Minn. Producing quinones. 2,373,003; Apr. 3.
Arnold, Thomas H., Cherubusco, Mexico, assignor to The Babcock & Wilcox Company, Newark, N. J. Pulverizer. 2,368,961; Feb. 6.
Arnold, Victor E., Westmont, N. J. Fuel economizer. 2,369,995; Feb. 20.
Arnold, Violet, Detroit, Mich. Method and apparatus for removing hair from the human body. 2,389,403; Nov. 20.
Arnoldi, Paul, Brighton, Ontario, Canada. Secondary battery. 2,391,061; Dec. 18.
Arnot, Alfred, Warrington, England, assignor to Aeronautical & Mechanical Investments Limited. Control gear for electric motor driven mechanisms. 2,373,736; Apr. 17.
Arnott, Edward G. F., Upper Montclair, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Vapor-arc device. 2,367,556; Jan. 16.
Aro Equipment Corporation: *See*— Fitch, Clifford E., assignor. Johnson, J. P., and Tidd, assignors.
Aro Equipment Corporation, The: *See*— Fitch, Clifford E., assignor. Ginter, Charles W., assignor. Johnson, James P., assignor. Satterlee, Howard A., assignor.
Arone, Nicholas F.: *See*— Brink, E. H., and Arone.
Aronovsky, Samuel I.: *See*— Lathrop, E. C., and Aronovsky.
Aronson, Peter R., Kenmore, N. Y., assignor to Union Carbide and Carbon Corporation. Making blowpipe nozzles. 2,383,949; Sept. 4.
Arps, Bruno F., assignor to Arps Corporation, New Holstein, Wis. Trench filler and earth moving attachment for tractors. 2,370,830; Mar. 6.
Arps Corporation: *See*— Arps, Bruno F., assignor. Arps, Frederick B., assignor.
Arps, Frederick B., assignor to Arps Corporation, New Holstein, Wis. Dump scoop attachment for tractors. 2,390,040; Dec. 4.
Arrington, Conard J., Winnsboro, S. C., assignor to United States Rubber Company, New York, N. Y. Tension control mechanism. 2,387,869; Oct. 30.
Arrow-Hart & Hegeman Electric Company, The: *See*— Bentley, Robert H., assignor. Dietrich, Walter L., assignor. Gates, Frederic P., assignor. Johnson, David W., assignor.
Arrow Manufacturing Company, Incorporated: *See*— Feiler, William, assignor.
Arrowhead Rubber Company: *See*— Young, J. W., and Patterson, assignors.
Arrowsmith, Clarence J., New York, N. Y., and J. Ross, Ramsey, assignors to Colgate-Palmolive-Peet Company, Jersey City, N. J. Treating fatty materials. 2,383,580; Aug. 28.
Arrowsmith, Clarence J., New York, N. Y., and J. Ross, Ramsey, assignors to Colgate-Palmolive-Peet Company, Jersey City, N. J. Preparing fatty materials. 2,383,581; Aug. 28.
Arroyo, Rafael, Rio Piedras, P. R. Production of heavy rums. 2,386,924; Oct. 16.
Arsandaux, Louis, Orleans, France; vested in the Alien Property Custodian. Supporting element for aircraft. 2,378,528; June 19.
Art in Buttons, Incorporated: *See*— Magin, Jacob B., assignor.
Art Metal Company, The: *See*— Hrabak, Robert A., assignor.
Art Metal Construction Company: *See*— Jones, James R., assignor. Lindros, Hjalmer C., assignor. Wells, Roy E., assignor.
Arter Grinding Machine Company: *See*— Arter, Harry, assignor.
Arter, Harry, assignor to Arter Grinding Machine Company, Worcester, Mass. Work support adjusting mechanism for machine tools. 2,375,172; May 1.
Arter, Jakob, Mannedorf, Switzerland. Friction wheel change speed gear. 2,389,589; Nov. 27.
Artesian Well & Equipment Co., Inc.: *See*— Every, Elmer D., assignor.
Arthur, Charles E., Napa, Calif. Closure actuating and locking mechanism. 2,378,119; June 12.
Arthur, James G., Seattle, Wash. Controlling radiator systems. 2,376,412; May 22.
Arthur, Oscar F.: *See*— Payne, Charles H., assignor.
Arthur, Oscar F., Belle Vernon, Pa. Ladder. 2,367,917; Jan. 23.
Arthur, Oscar F., Belle Vernon, Pa. Mat. 2,371,017; Mar. 6.
Arthur, William H., assignor to Container Corporation of America, Chicago, Ill. Lined carton. 2,381,026; Aug. 7.
Artique, Marius, Geneva, Switzerland. Scaffold clamp. 2,389,751; Nov. 27.
Artistic Foundations, Inc.: *See*— Butow, Abe M., assignor.
Artistic Silver Craft, Inc.: *See*— Hattenrath, Henry, assignor.
Artomatic Machinery Corp.: *See*— Hopkins, Arthur C., assignor.
Artsay, Nicholas C.: *See*— Keenan, W. F., Jr., and Artsay, assignors. Makaroff, V. S., and Artsay.
Artsay, Nicholas C., Valhalla, assignor to Foster Wheeler Corporation, New York, N. Y. Heat exchange apparatus. 2,386,188; Oct 9.
Artzt, Maurice, Princeton, N. J., assignor to Radio Corporation of America. Amplitude modulation. 2,373,737; Apr. 17.
Artzt, Maurice, Princeton, N. J., assignor to Radio Corporation of America. Synchronizing device. 2,383,360; Aug. 21.
Artzt, Maurice, Haddonfield, N. J. Facsimile apparatus. 2,391,765; Dec. 25.
Arundale, Erving: *See*— Rosen, R., and Arundale, assignors.
Arundale, Erving, Colonia, and L. A. Mikeska, Westfield, N. J., assignors to Standard Oil Development Company. Preparation of glycols. 2,367,324; Jan. 16.
Arundale, Erving, Colonia, N. J., assignor to Standard Oil Development Company. Cyanometadioxanes. 2,384,268; Sept. 4.
Arutunoff, Armais, assignor to Reda Pump Company, Bartlesville, Okla. Electrical deep well reciprocating pump assembly. 2,377,743; June 5.
Arveson, Maurice H.: *See*— Becker, S. B., and Arveson.
Arveson, Maurice H., Flossmoor, assignor to Standard Oil Company, Chicago, Ill. Catalytic conversion. 2,371,599; Mar. 20.
Arveson, Maurice H., Flossmoor, assignor to Standard Oil Company, Chicago, Ill. Catalytic conversion. 2,372,165; Mar. 20.
Arveson, Maurice H., Flossmoor, assignor to Standard Oil Company, Chicago, Ill. Catalytic conversion system. 2,379,408; July 3.
Arvey Corporation: *See*— Roach, Earl M., assignor. Strauss, Charles, assignor.
Arvins, Nathan A., and A. A. Arvintz, Brooklyn, N. Y., assignors to Seal-O-Strain Corporation. Oil burner. 2,375,884; May 15.
Arvintz, Abraham A.: *See*— Arvins, N. A., and Arvintz.
Asbill, Clarence M., Jr., New Orleans, La., and G. B. Hill, Falls Church, Va., assignors to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Cutting machine. 2,370,129; Feb. 27.
Asbill, Clarence M., Jr., La Grange, Ga., assignor to Monarch Mills, Union, S. C. Bobbin lifting apparatus. 2,381,482; Aug. 7.
Aschinger, William F., assignor to The Columbus Show Case Company, Columbus, Ohio. Joint construction. 2,371,493; Mar. 13.
Asea Electric Limited: *See*— Baynes, Staunton, assignor.
Ash, Charles S., Milford, Mich. Dual wheel assembly. 2,367,748; Jan. 23.
Ash, Charles S., Milford, Mich. Automotive vehicle wheel. 2,369,202; Feb. 13.
Ash, Charles S., Milford, Mich. Demountable tire tread. 2,369,768; Feb. 20.
Ash, Charles S., Milford, Mich. Dual wheel brake. 2,372,047; Mar. 20.
Ash, Charles S., Milford, Mich. Dual wheel assembly. 2,381,857; Aug. 14.
Ash, Charles S., Milford, Mich. Dual wheeled vehicle. 2,386,030; Oct. 2.
Ash, Charles S., Milford, Mich. Dual wheel assembly. 2,387,382; Oct. 23.
Ash, Charles S., Milford, Mich. Dual wheel assembly. 2,389,339; Nov. 20.
Ash, Charles S., Milford, Mich. Vehicle axle. 2,389,712; Nov. 27.
Ash, Roy C., Newtown, Geelong, Victoria, Australia, assignor to International Harvester Company. Stump-jump mechanism for agricultural implements. 2,379,779; July 3.
Ashcroft, Thomas W.: *See*— Winkels, W. G., and Ashcroft.

Ashley, Kenneth D., Noroton, Conn., assignor to American Cyanamid Company, New York, N. Y. Neutralizing crude nitroguanidine. 2,384,446; Sept. 11.

Ashley, Kenneth D., Darien, Conn., assignor to American Cyanamid Company, New York, N. Y. Producing granular adsorbent. 2,391,116; Dec. 18.

Ashley, Merwin F., Arlington, and T. J. Ryan, Marblehead, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J. Lasting shoes. 2,379,059; June 26.

Ashley, Roy: *See*—
Sutliffe, F. C., and Ashley.

Ashlock, George W., Jr., Oakland, Calif. Orientation of fruit. 2,387,709; Oct. 30.

Ashlock, George W., Jr., Oakland, Calif. Pitting machine. 2,388,314; Nov. 13.

Ashmusen, Christian, Kings Park, N. Y. Foldable article of furniture. 2,383,837; Aug. 28.

Ashton, Charles E., Stockton, Calif. Quick release attachment for parachute harness. 2,369,203; Feb. 13.

Ashton, Charles E., Stockton, Calif. Ball-bearing crankshaft and connecting rod assembly. 2,374,720; May 1.

Ashton, Charles E., Stockton, Calif. Parachute harness. 2,388,379; Nov. 6.

Ashton, Clifford: *See*—
Collins, J. N., and Ashton.

Ashton, Harold, assignor to National Broach & Machine Company, Detroit, Mich. Finishing gears. 2,380,208; July 10.

Ashworth, Fred, Wenham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Method of and machine for assembling and sewing moccasin type shoes. 2,366,703; Jan. 9.

Ashworth, Fred, Wenham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Work support for shoe machines. 2,383,529; Aug. 28.

Ashworth, Fred, Wenham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe machine. 2,388,244; Nov. 6.

Ashworth, Fred, Wenham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe machine. 2,388,245; Nov. 6.

Ashworth, Fred, Wenham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Thread controlling device for sewing machines. 2,389,124; Nov. 20.

Ashworth, Harry E., Penn Township, and S. B. Aylsworth, Edgewood, assignors to The Union Switch & Signal Company, Swissvale, Pa. Thermal relay. 2,371,018; Mar. 6.

Askania Regulator Company: *See*—
Glass, Paul, assignor.
Pray, Wilbur F., assignor.
Ziebolz, Herbert, assignor.

Aske, Charles B., Jr., assignor to Lyon, Incorporated, Detroit, Mich. Ornamental wheel trim ring. 2,368,232; Jan. 30.

Aske, Irving E., Muskegon, Mich. Piston. 2,390,343; Dec. 4.

Askey, John S., Mount Lebanon, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Molded coil for field coils. 2,381,245; Aug. 7.

Askin, Morris W., Philadelphia, Pa. Clamp device. 2,374,263; Apr. 24.

Askue, Albert R., Mentor, assignor to The Cleveland Trencher Company, Cleveland, Ohio. Conveyor. 2,375,065; May 1.

Aspenleiter, Joseph W., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Hinge. 2,371,729; Mar. 20.

Aspenleiter, Joseph W., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Ophthalmic mounting. 2,375,339; May 8.

Aspenleiter, Joseph W., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Ophthalmic mounting. 2,389,116; Nov. 20.

Aspin, Frank M., Bury, England. Rotary valve for internal-combustion engines. 2,378,120; June 12.

Aspin, Frank M., Bury, England. Rotary valve for internal-combustion engines, compressors, and the like. 2,381,711; Aug. 7.

Aspin, Frank M., Bury, and F. Ellinghouse, Solihull, England. Cylinder liner and cylinder. 2,387,971; Oct. 30

Aspin, Frank M., Bury, England. Cylinder head of internal-combustion engines. 2,387,972; Oct. 30.

Aspin, Frank M., Bury, England. Internal-combustion engine. 2,387,973; Oct. 30.

Aspinook Corporation, The: *See*—
Ballou, Dona L., assignor.

Asplund, Arne J. A. Alsten, and J. W. Holst, assignors to Aktiebolaget Defibrator, Stockholm, Sweden. Making ligno-celluiose pulps from straw. 2,388,592; Nov. 6.

Assembled Products Co.: *See*—
Dank, Albert E., assignor.

Asseff, Gabrielle, F. J. Curran, and W. P. Wills, assignors to The Brown Instrument Company, Philadelphia, Pa. Measuring apparatus. 2,368,093; Jan. 30.

Assets Realization Co.: *See*—
Steiner, L., and Settecasi, assignors.

Associated Oil Company, et al.: *See*—
Lazar, A., Ruedrich, and Frazier, assignors

Associated Patentees, Inc.: *See*—
Borton, Alwyn E., assignor.
Powers, Walter P., assignor.

Associated Research, Incorporated: *See*—
Morris, G. V., and Adler, assignors.

Associated Spring Corporation: *See*—
Wilcox, George G., assignor.

Astley, William F., Cicero, assignor to Union Asbestos & Rubber Company, Chicago, Ill. Apparatus for weaving insulating materials. 2,373,091; Apr. 10.

Astradsson, Per A., Stockholm, Sweden. Combustion device for solid fuels rich in gases. 2,367,165; Jan. 9.

Astrup, William V.: *See*—
Young, F. M., and Astrup, assignors.

Atchison, Thomas C., Princeton, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Recovering magnesium compounds. 2,373,528; Apr. 10.

Atherton, Harold S.: *See*—
Richards, A. B., and Atherton.

Atherton, Herschel L.: *See*—
Sager, F. P., Bergmark, Ryan, and Atherton.

Atherton, Nell F., Wooddale, assignor to M. P. Heinze Machine Co., Chicago, Ill. Toy horse. 2,388,110; Oct. 30.

Athy, Clifford R., assignor, by mesne assignments, to The International Derrick & Equipment Company, Columbus, Ohio. Portable well-servicing apparatus. 2,379,333; June 26.

Atkin, Lawrence: *See*—
Schultz, A. S., Atkin, and Frey.

Atkins, Carl E., Oak Park, Ill., assignor to Tung-Sol Lamp Works, Inc., Newark, N. J. Limiter circuit for frequency modulation receivers. 2,390,502; Dec. 11.

Atkins, Carl E., Evanston, Ill., assignor to Tung-Sol Lamp Works, Inc., Newark, N. J. Limiter circuit for frequency modulation receivers. 2,390,503; Dec. 11.

Atkins, Elmer M., Zion, Ill. Paint bucket holder. 2,367,256; Jan. 16.

Atkins, George E., Glen Ridge, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling device. 2,385,339; Sept. 25.

Atkins, George T., Jr., Highlands, Tex., assignor to Standard Oil Development Company. Alkylation of ethylene. 2,385,123; Sept. 18.

Atkins, Harry C., Cleveland Heights, Ohio, assignor to General Electric Company. Starting control for electric discharge devices. 2,367,655; Jan. 23.

Atkinson, Alan B., assignor to Standard Telephones and Cables Limited, London, England. Soldering iron. 2,383,699; Aug. 28.

Atkinson, Benjamin, Salt Lake City, Utah. Confection. 2,388,515; Nov. 13.

Atkinson, Cyril P., Baildon, assignor to Courtaulds Limited, London, England. Treatment of textile fabrics. 2,384,871; Sept. 18.

Atkinson, Earl B., Bay Village, Ohio. Support for wiring receptacles. 2,371,210; Mar. 13.

Atkinson, John F.: *See*—
Watkins, B. O., and Atkinson.

Atkinson, Joseph, London, England. Locating clamp or similar device. 2,375,746; May 15.

Atkinson, William B.: *See*—
Hanna, R. P., Atkinson, and Brahmer.

Atkinson, William T.: *See*—
Boyer, R. A., Atkinson, and Robinette.
Boyer, R. A., Crupi, and Atkinson.

Atlanta Paper Company: *See*—
Forrer, Homer W., assignor.

Atlanta Stove Works, Inc., The: *See*—
White, R. H., Hodgson, Jones, and White, assignors.

Atlantic Coast Fisheries Company, The: *See*—
Savrda, Charles M., assignor.
Taylor, Harden F., assignor.
Taylor, H. F., and Nedzvedsky, assignors.
Taylor, H. F., and Robinson, assignors.

Atlantic Refining Company, The: *See*—
Benke, Roy, assignor.
Griesinger, William K., assignor.
Leum, L. N., Birkhimer, and McCullough, assignors.
Leum, L. N. and Ciapetta, assignors.
Mann, Sydney, assignor.
Schreiber, William, assignor.
Thompson, Kenneth M., assignor.

Atlantic Research Associates, Inc.: *See*—
Atwood, Francis C., assignor.

Atlantic Service Company, Inc.: *See*—
Williams, Clarence R., assignor.

Atlas Bolt & Screw Company, The: *See*—
Schellentrager, Eugene W., assignor.

Atlas Electrotype & Stereotype Co.: *See*—
Spelker, Albert J., assignor.

Atlas Mineral Products Company of Pennsylvania, The: *See*—
Hecht, Myer H., assignor.

Atlas Powder Company: *See*—
Almy, Ernest G., assignor.
Brown, Kenneth R., assignor.
Carl, Marvin H., assignor.
Goepp, Rudolph M., Jr., assignor.
Griffin, William C., assignor.
Holst, William H., assignor.
Rolland, Guy F., assignor.
Sadtler, Robert E., assignor.
Soltzberg, Sol, assignor.
Soltzberg, Solomon, assignor.

Atlas Press Company: *See*—
Griffin, V. E., assignor.

Atlass, Alfred, New York, N. Y. Shoe tree. 2,381,419; Aug. 7.

Atlee, Zed J., Elmhurst, and J. C. Filmer, Wheaton, assignors to General Electric X-ray Corporation, Chicago, Ill. X-ray apparatus. 2,387,427; Oct. 23.

Atristain, Martha P., executrix: *See*—
Pimentel, Rafael.

Attapulgus Clay Company: *See*—
LaLande, William A., Jr., assignor.

Attari, Hatim: *See*—
Nussbaum, Leon, assignor.

Atti, Raphael, Cliffside Park, N. J. Mold cutting machine and the like. 2,379,419; July 3.

Attick, Purdy E., Chicago, Ill. Height-measuring device. 2,381,428; Aug. 7.

Attridge, Richard B., Los Angeles, Calif. Mounting means for rotatable disks. 2,386,082; Oct. 2.

Attwood, Charles W., Wayne, Mich. Table. 2,380,379; July 31.

Atwell, Harold V., Beacon, assignor to The Texas Company, New York, N. Y. Manufacture of motor fuel. 2,379,334; June 26.

Atwell, Harold V., Beacon, assignor to The Texas Company, New York, N. Y. Conversion of hydrocarbons. 2,389,713; Nov. 27.

Atwell, Thomas C., assignor to Floridin Company, Warren, Pa. Filter powder. 2,390,490; Dec. 11.

Atwood, Francis C., Newton, Mass., assignor, by mesne assignments, to National Dairy Products Corporation, New York, N. Y. Spinnerette. 2,370,765; Mar. 6.

Atwood, Francis C., Newton, assignor to Atlantic Research Associates, Inc., Newtonville, Mass. Method and apparatus for manufacturing ketene. 2,376,748; May 22.

Atwood, Francis C., assignor to Atlantic Research Associates, Inc., Newtonville, Mass. Protein sheet material and making the same. 2,389,605; Nov. 27.

Atwood, Harry G., Peoria, Ill. Clarify or chillproof whisky. 2,367,557; Jan. 16.

Atwood, Harry N., Mellen, Wis. Sheet material. 2,373,738; Apr. 17.

Atwood Machine Company: *See*—
Winslow, A. E.
Winslow, Albert E., assignor.

Atwood, Rawson, New York, assignor to Decorated Metal Manufacturing Company, Inc., Brooklyn, N. Y. Textile spool. 2,377,919; June 12.

Atwood, Rawson, New York, assignor to Decorated Metal Manufacturing Company, Inc., Brooklyn, N. Y. Textile spool. 2,377,920; June 12.

Atwood, Robert Y.: *See*—
Harmon, K. A., and Atwood.

Atwood Vacuum Machine Company, The: *See*—
Miller, Kay, assignor.

Aubert, Fred B., Grosse Pointe, Mich. Control device. 2,386,648; Oct. 9.

Auble, Robert N., Indianapolis, Ind. Tension control, stop mechanism, and warning signal for knitting machines. 2,383,838; Aug. 28.

Audrieth, Ludwig F., Dover, N. J., assignor to Hercules Powder Company, Wilmington, Del. Rosin reaction product and preparation. 2,374,969; May 1.

Audubon Wire Cloth Corporation: *See*—
Guba, Raymond J., assignor.

Auer, Frederick G.: *See*—
Crane, E. V., and Auer.

Auer, George A., Chicago, Ill. Streamcurrent apparatus for handling solutions and suspensions. 2,386,419; Oct. 9.

Auer, Laszlo, South Orange, and A. F. Ray, Hawthorne, assignors to Ridbo Laboratories, Inc., Paterson, N. J. Water-in-oil emulsions. 2,372,756; Apr. 3.

Auer, László, South Orange, assignor to Ridbo Laboratories, Inc., Paterson, N. J. Rosin modification. 2,380,141; July 10.

Auer, László, South Orange, N. J. Preparation of chlorinated rubber compositions. 2,382,529; Aug. 14.

Auer, László, South Orange, N. J. Manufacture of soaps. 2,382,530; Aug. 14.

Auer, László, South Orange, N. J. Soap manufacture. 2,382,531; Aug. 14.

Auer, László, South Orange, N. J. Vulcanized fatty oil emulsions. 2,382,532; Aug. 14.

Auer, László, South Orange, N. J. Oil in water dispersions. 2,382,533; Aug. 14.

Auer, László, South Orange, N. J.. Modification of rosin. 2,384,061; Sept. 4.

Auer, László, South Orange, N. J. Modifying rosin. 2,384,062; Sept. 4.

Auer, László, South Orange, N. J. Amine treatment of rosin. 2,384,063; Sept. 4.

Auer, László, South Orange, N. J. Treatment of rosin with amines. 2,384,064; Sept. 4.

Auerbach, Morris E., Albany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Antimalarial and making the same. 2,383,458; Aug. 28.

Auerbach, Zemach, New York, N. Y., assignor to Zeechar Corporation. Razor blade carrier. 2,367,084; Jan. 9.

Auerbach, Zemach, New York, N. Y. Razor blade. 2,386,180; Oct. 9.

Aufderhar, Arthur W.: *See*—
Groene, W. F., and Aufderhar.

Aufiero, John R., Brooklyn, N. Y. Sighting device. 2,377,064. May 29.

Aufiero, John R., assignor to E. A. Laboratories, Inc., Brooklyn, N. Y. Lamp. 2,390,634; Dec. 11.

August, Nathan, Jr., Newark, N. J. Binder. 2,386,083; Oct. 2.

Augustine, Lee, assignor to The Printing Machinery Co., Cincinnati, Ohio. Printing plate holder. 2,370,117; Feb. 27.

Augustine, Winfield J.: *See*—
Tudon, W., and Augustine.

Auld, D. L., Company, The: *See*—
Hyatt, Raymond D., assignor.

Aulin, Evert, Lidingo, assignor to Aga-Baltic Aktiebolag, Stockholm, Sweden. Stabilizing arrangement for control pendulums. 2,366,995; Jan. 9.

Ault, Waldo C.: *See*—
Cowan, J. C., and Ault.

Ault, Waldo C., Peoria, Ill., assignor to The United Gas Improvement Company. Catalytic polymers from high boiling unsaturated products of petroleum pyrolysis. 2,387,237; Oct. 23.

Aupperle, William C., Runnemede, N. J. Kiddy car. 2,369,934; Feb. 20.

Aurbach, Kurt, Bielefeld, Germany; vested in the Alien Property Custodian. Printing mechanism for bookkeeping machines. 2,368,627; Feb. 6.

Aurbach, Kurt, Bielefeld, Germany; vested in the Alien Property Custodian. Bookkeeping machine. 2,387,554; Oct. 23.

Aurien, Ray G., assignor to American Steel Foundries, Chicago, Ill. Clasp brake. 2,385,909; Oct. 2.

Ausherman, Harry S., Wichita, Kans. Feeding mechanism for threshing combines. 2,390,680; Dec. 11.

Ausland, Karsten G., City Island, N. Y. Planking set. 2,371,730; Mar. 20.

Aust, Benjamin C., Sioux City, Iowa. Valve grinder. 2,373,283; Apr. 10.

Austenal Laboratories, Inc.: *See*—
Collins, Paul F., assignor.
Merrick, Albert W., assignor.

Austin, Bascum O., Lima, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Regulator. 2,384,786; Sept. 18.

Austin, Chester R.: *See*—
Pavlish, A. E., and Austin.

Austin, Chester R., and G. H. Duncombe, Jr., assignors, by mesne assignments, to Davidson Enamel Products, Inc., Lima, Ohio. Making sheet metal building units. 2,371,124; Mar. 13.

Austin, Chester R., and J. D. Sullivan, assignors to Battelle Memorial Institute, Columbus, Ohio. Selenium ruby glass. 2,382,282; Aug. 14.

Austin, Edwin C., trustee, et al.: *See*—
Geiger, William A., assignor.

Austin, Edwin C., et al., trustees: *See*—
Gieger, William A., assignor.

Austin, Ellsworth W., assignor to La Plant-Choate Mfg. Co., Inc., Cedar Rapids, Iowa. Excavator. 2,380,285; July 10.

Austin, Ernest C., Los Angeles, Calif. Fastening device. 2,389,479; Nov. 20.

Austin, George L., Seattle, Wash. Hand truck. 2,381,858; Aug. 14.

Austin, James E., North Hollywood, Calif. Hose clamp. 2,370,766; Mar. 6.

Austin, Jonathan R., and W. G. Smith, Dayton, and G. R Oscar, West Milton, Ohio. Trunnion mount for machine guns. 2,366,704; Jan. 9.

Austin, Kirby B., Bridgeport, Conn., assignor to General Electric Company. Antenna selector switch. 2,376,649; May 22.

Austin, Kirby B., and G. G. Young, Bridgeport, Conn., assignors to General Electric Company. Variable selectivity amplifier. 2,390,768; Dec. 11.

Austin, Kirby B., Bridgeport, Conn., assignor to General Electric Company. Mounting means. 2,391,668; Dec. 25.

Austin, Merritt B., Jr., Winnetka, Ill. Outlet box. 2,378,529; June 19.

Austin, Paul R., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Resins obtained from a polyvinyl acetal and secondary diarylamines. 2,371,943; Mar. 20.

Auten, Claude I., assignor to Tennessee Coal, Iron and Railroad Company, Birmingham, Ala. Prefabricated metal house construction. 2,387,229; Oct. 23.

Auto Research Corporation: *See*—
Kocher, Edward H., assignor.

Auto Specialties Manufacturing Company: *See*—
Mueller, Joseph J., assignor.

Autocall Company, The: *See*—
Harrington, J. R., and Merrill, assignors.

Autogiro Company of America: *See*—
Anderson, Robert G., assignor.
Campbell, Harris S., assignor.
De la Cierva, Juan, assignor.
Prewitt, Richard H., assignor.
Stanley, Paul H., assignor.
Synnestvedt, Kenneth P., assignor.
Upson, Ralph H., assignor.

Autographic Register Company: *See*—
Camps, Edmund P., assignor.

Automatic Burner Corporation: *See*—
Fortis, Oscar, assignor.
Automatic Canteen Company of America: *See*—
Carlson, John W., assignor.
Doggrett, Leo W., assignor.
Richmond, W. E., and Schultz, assignors.
Thompson, E. H., and Doggett, assignors.
Automatic Control Corporation: *See*—
Bower, George D., assignor.
Automatic Electric Laboratories, Inc.: *See*—
Baker, George T., assignor.
Bakker, Pier, assignor.
Balzer, Harvey W., assignor.
Beltrami, Vittorio, assignor.
Burgener, Karl L., assignor.
Dimmer, Robert P., assignor.
Frydman, Emanuel, assignor.
Giannini, Gabriel M., assignor.
Gillings, C., and Beale, assignors.
Gillings, C. and Cowley, assignors.
Grandstaff, Otho D., assignor.
Griffins, M. E., and Molnar, assignors.
Grimes, Harlan E., assignor.
Hadfield, Bertram M., assignor.
Herrick, Roswell H., assignor.
Horlacher, Albert F., assignor.
Jones, C. E. P., and Hotham, assignors.
Lomax, Clarence E., assignor.
Lomax, C. E., and Bakker, assignors.
Mahoney, Harry P., assignor.
McCreary, Harold J., assignor.
McLonghlin, George H., assignor.
Molnar, Imre, assignor.
Newstedt, Harry N., assignor.
Obergfell, Herbert F., assignor.
Oatline, John E., assignor.
Peterson, Edward S., assignor.
Rayner, T. R., and Burns, assignors.
Riebe, Theodore C., assignor.
Smith, Howard H., assignor.
Taylor, R., and Baker, assignors.
Wicks, J., and Balzer, assignors.
Williams, Ralph T., assignor.
Willis, Bernard D., assignor.
Woodruff, Albert E., assignor.
Automatic Equipment Manufacturing Company: *See*—
Heese, Fred L., assignor.
Automatic Instrument Company: *See*—
Andres, Lloyd J., assignor.
Automatic Products Company: *See*—
Johnson, R. W., and McCarty, assignors.
Johnson, R. W., and Miller, assignors.
Johnson, R. W., and Zarwell, assignors.
Kuntz, Baldwin, assignor.
McCarty, Lourdes V., assignor.
Pawelsky, Vernon R., assignor.
Pawelsky, V. R., and Heiser, assignors.
Automatic Safety Wringer Company: *See*—
Williams, Charles B., assignor.
Williams, C. B., and Kaestner, assignors.
Automatic Shifters, Inc.: *See*—
Ingres, Jeannot G., assignor.
"Automatic" Sprinkler Company of America: *See*—
Rider, Harry N., assignor.
Wood, Clyde M., and Jones, assignors.
Automatic Telegraph and Radio Tranceiver Company Limited, The.: *See*—
Brain, Harry E., assignor.
Automatic Telephone & Electric Company: *See*—
Murray, Lawrence J., assignor.
Automatic Telephone & Electric Company Limited: *See*—
Cannon, James R., assignor.
Corner, Arthur C., assignor.
Automatic Temperature Control Co., Inc.: *See*—
Hunt, Walter L.; assignor.
Automatic Turbine Drive Company, Inc.: *See*—
Popper, Charles, assignor.
Snyder, Raymond R., assignor.
Automatik Venetian Hardware Corporation: *See*—
Cohn, Harold J., assignor.
Automotive Engineering Company Limited, The: *See*—
Nicolle, Arthur V., assignor.
White, Percy, assignor.
Automotive Maintenance Machinery Co.: *See*—
Mitchell, Wallace F., assignor.
Automotive Products Company Limited: *See*—
Brock, William H. J., assignor.
Chouings, Leslie C., assignor.
Eves, Frederick S., assignor.
Foster, Sidney, assignor.
Gates, Geoffrey R. G., assignor.
Simpson, John K., assignor.
Waters, Charles D., assignor.
Automotive Products, Inc.: *See*—
Schier, Adolph J., assignor.
Autophon Aktiengesellschaft: *See*—
Tschumi, Otto, assignor.
Autoxygen, Inc.: *See*—
Jacobs, Joseph J., assignor.
Autoyre Company, Incorporated, The: *See*—
Murphy, J. J., and Reisinger, assignors.
Sanford, Roy S., assignor.

Autrey, Cecil M., Newton, Tex., assignor of fifty per cent to J. J. Armstrong, Schenectady, N. Y. Adjustable screed. 2,373,284; Apr. 10.
Autry, James A.: *See*—
Compton, H. P., and Autry.
Autry, James A., et al.: *See*—
Compton, Henry P., assignor.
Auxier, Robert W., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Phenolic resin embodying glass fibers. 2,372,048; Mar. 20.
Auxier, Robert W., Pittsburgh 21, and W. C. Weltman, Wilkinsburg, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Stabilizing phenolic resins. 2,383,283; Aug. 21.
Auzin, John M., Warwick, R. I., assignor to Davol Rubber Company. Adhesion preventing agent for catheters and the like. 2,390,070; Dec. 4.
Avallone, Samuel C., Cleveland Heights, Ohio, assignor to The American Steel and Wire Company of New Jersey. Galvanizing methods. 2,378,458; June 19.
Aveco, Incorporated: *See*—
Kellogg, W. D., and Fradenburgh, assignors.
Avedikian, Souren Z.: *See*—
Pizzirani, D. A., Gould, and Avedikian.
Avens, Alfred W.: *See*—
Pearce, G. W., and Avens.
Averill, George R., Birmingham, Mich. Eraser mounting for pencils. 2,370,831; Mar. 6.
Averitt, Raymond E., Albany, Ga. Agricultural implement. 2,384,522; Sept. 11.
Avers, Franklin H., and E. C. Krebs, Portage, Wis., assignors to G. P. Krebs, as trustee. Stereoscopic photography. 2,385,183; Sept. 18.
Avery, Dallas B., Capac, Mich. Semitrailer steering mechanism. 2,389,752; Nov. 27.
Avery, Harold T.: *See*—
Dustin, H. M., and Avery.
Avery, Harold T., Oakland, Calif., assignor to Marchant Calculating Machine Company. Carriage shift control mechanism. 2,366,429; Jan. 2.
Avery, Harold T., Oakland, Calif. Helicopter. 2,369,652; Feb. 20.
Avery, Harold T., Oakland, Calif., assignor to Marchant Calculating Machine Company. Carriage shift mechanism. 2,376,954; May 29.
Avery, Harold T., Oakland, Calif., assignor to Marchant Calculating Machine Company. Selective ratio transmission for driving calculating machine actuators. 2,377,065; May 29.
Avery, Harold T., Oakland, Calif., assignor to Marchant Calculating Machine Company. Actuating mechanism for registers. 2,387,870; Oct. 30.
Avery, Harold T., and T. H. Lassagne, Oakland, Calif., assignors to Marchant Calculating Machine Company. Calculating machine. 2,390,041; Dec. 4.
Avery, Ray S., Los Angeles, Calif. Applying labels. 2,367,189; Jan. 16.
Avery, Ray S., Los Angeles, Calif. Label dispenser. 2,372,245; Mar. 27.
Avery, Ray S., Los Angeles, Calif. Label and tape dispensing machine. 2,373,092; Apr. 10.
Avery, Ray S., Los Angeles, Calif. Making pressure sensitive labels. 2,391,539; Dec. 25.
Avery, Robert C., Jackson Heights, N. Y., assignor to American Telephone and Telegraph Company. Automatic coin return system. 2,275,066; May 1.
Avery, Robert C., Jackson Heights, N. Y., assignor to American Telephone and Telegraph Company. Revertive pulse repeater. 2,383,759; Aug. 28.
Avey Drilling Machine Company, The: *See*—
McKee, George K., assignor.
McKee, G. K., and Tcimpidis, assignors.
Aviation Corporation, The: *See*—
Adels, Sidney, assignor.
Reiber, Harry P., assignor.
Lawler, J. A., and Hoffman, assignors.
Aviation Developments Limited: *See*—
Bettington, Egerton M., assignor.
Johnson, Stanley T., assignor.
Aviation Research and Development Corporation: *See*—
Raspet, August, assignor.
Avigdor, Rifat, Toronto, Ontario, Canada. Diaphragm controlled operating unit. 2,376,892; May 29.
Avis, Harriette M., administratrix: *See*—
Avis, Samuel W.
Avis, Samuel W., deceased, late of Wellesley, Mass., by Harriette M. Avis, administratrix, Wellesley, assignor to The Reece Button Hole Machine Company, Boston, Mass. 2,391,378; Dec. 25.
Avram, M. H.: *See*—
Kecskeméti, Ladislaus, assignor.
Axberg, Arthur H., Bayside, N. Y. Carton. 2,390,412; Dec. 4.
Axe, Roy T., assignor to The O. M. Edwards Company, Inc., Syracuse, N. Y. Sash opening and closing mechanism. 2,385,676; Sept. 25.
Axe, William N.: *See*—
Schulze, W. A., and Axe.
Axe, William N., Bartlesville, Okla., assignor to Phillips Petroleum Company. Isomerization process. 2,370,118; Feb. 27.

Axe, William N., Bartlesville, Okla., assignor to Phillips Petroleum Company. Recovery of boron halides. 2,377,396; June 5.
Axe, William N., Bartlesville, Okla., assignor to Phillips Petroleum Company. Boron fluoride recovery process. 2,378,968; June 26.
Axelrod, Solomon, Bronx, N. Y. Garment protecting hanger. 2,380,375; July 31.
Axelson Manufacturing Co.: *See*—
Williams, Glynn H., assignor.
Axt, Mojzess O., assignor to F. W. Berk and Company Limited, London, England. Production of zirconia. 2,384,428; Sept. 11.
Ayala, Pedro, and A. Ballesteros, McAllen, Tex. Gas heated sad iron. 2,377,856; June 12.
Aycock, Mart, Berkeley, Calif. Filter for coffee makers. 2,366,951; Jan. 9.
Ayers, Allyn L., Oakland, Calif. Tandem axle vehicle. 2,390,912; Dec. 11.
Ayers, Edgar H., Schenectady, N. Y., assignor to General Electric Company. Terminal connector. 2,381,331; Aug. 7.
Ayers, Edgar H., and A. G. Elmendorf, Schenectady, N. Y., assignors to General Electric Company. Electric switch. 2,390,344; Dec. 4.
Ayers, Fred L., Watertown, Mass. Innersole. 2,368,439; Jan. 30.
Ayers, Fred L., Watertown, Mass. Innersole. 2,387,710; Oct. 30.
Ayers, Fred L., Waltham, Mass. Inner sole and making the same. 2,391,217; Dec.18.
Ayers, Frederick P., Barnstaple, North Devon, England. Tunneling method. 2,385,251; Sept. 18.
Ayers, George W., Jr., Chicago, and L. M. Henderson, Winnetka, assignors to The Pure Oil Company. Chicago, Ill. Removing weakly acidic bodies from hydrocarbon oils. 2,373,004; Apr. 3.
Ayers, George W., Chicago, and L. M. Henderson, Winnetka, assignors to The Pure Oil Company, Chicago, Ill. Removing mercaptans from hydrocarbon oil. 2,381,859; Aug. 14.
Ayerst, McKenna & Harrison Limited: *See*—
Strean, Lyon P., assignor.
Ayerst, McKenna & Harrison (United States) Limited: *See*—
Strean, Lyon P., assignor.
Aylsworth, Selden B.: *See*—
Ashworth, H. E., and Aylsworth.
Ayoub, Joseph A., San Francisco, Calif. Garment construction. 2,386,768; Oct. 16.
Ayres, Charles E., Phillips, Tex., assignor to Phillips Petroleum Company. Production of butadiene. 2,391,117; Dec. 18.
Ayres, Ralph C., assignor to Transcontinental & Western Air, Inc., Kansas City, Mo. Removing static charge from moving bodies. 2,386,084; Oct. 2.
Ayres, Waldemar A., Elmhurst, assignor to International Business Machines Corporation, New York, N. Y. Record sensing device. 2,366,827; Jan. 9.
Ayres, Waldemar A., Kew Gardens Hills, assignor to International Business Machines Corporation, New York, N. Y. Recording machine. 2,375,271; May 8.
Ayres, Waldemar A., Kew Gardens, assignor to International Business Machines Corporation, New York, N. Y. Printing machine. 2,390,413; Dec. 4.
Ayres, Waldemar A., Flushing, assignor to The Lionel Corporation, New York, N. Y. Toy. 2,383,232; Aug. 21.
Ayres, Waldemar A., Kew Gardens, N. Y., and R. E. Page, West Orange, N. J., assignors to International Business Machines Corporation, New York, N. Y. Stenographic machine. 2,390,414; Dec. 4.
Azbe, Victor J., Webster Groves, Mo. Calcining apparatus. 2,370,281; Feb. 27.
Azpiazu, Norberta C. R., Habana, Cuba. Container. 2,373,444; Apr. 10.
Azzara, Santo, New York, assignor of fifty per cent to A. Geller Shoe Manufacturing Co. Inc., Brooklyn, N. Y. Folding machine. 2,378,277; June 12.
B. B. Chemical Co.: *See*—
Gregory, Frank S., Jr., assignor.
Griswold, Stanley M., assignor.
Macdonald, Alexander D., assignor.
Macdonald, A. D., and Rishton, assignors.
Teppems, J., and Manning, assignors.
Tetlow, Max W., assignor.
B & E Art Metals, Inc.: *See*—
Burgett, Neal J., assignor.
B. F. B. Engineers, Incorporated: *See*—
Buchet, Conrad R., assignor.
B. L. Electric Company: *See*—
Rau, D., and Peters, assignors.
Baade, Henry, assignor to Bendix Aviation Corporation, South Bend, Ind. Power steering mechanism. 2,385,485; Sept. 25.
Baade, William W., New York, N. Y. Dental impression band removing tool. 2,375,512; May 8.
Baak, Albert E., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Pressure transfer device. 2,369,707; Feb. 20.
Baak, Albert E., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Switch. 2,371,669; Mar. 20.

Baar & Beards, Inc.: *See*—
Nufer, Jacob, assignor.
Baash, Lawrence F.: *See*—
Driscoll, Dennis L., assignor.
Babb, Charles L., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. High pressure centrifugal pump. 2,389,753; Nov. 27.
Babcock, Gordon M.: *See*—
Rethwisch, F. B., and Babcock.
Babcock, Gordon M., F. B. Rethwisch, and V. E. Furnas, Louisville, Ky., assignors to Reynolds Metals Company, Richmond, Va. Chemical heating container. 2,384,720; Sept. 11.
Babcock, Leon W., assignor to Hercules Powder Company, Wilmington, Del. Manufacture of propellant powder. 2,370,130; Feb. 27.
Babcock, Lloyd L.: *See*—
Bishop, J. O., and Babcock.
Babcock, Roger S., Plainfield, N. J., assignor to Union Carbide and Carbon Corporation. Blowpipe nozzle. 2,376,413; May 22.
Babcock, Roger S., Plainfield, N. J., assignor to Union Carbide and Carbon Corporation. Blowpipe nozzle. 2,380,570; July 31.
Babcock, Sidney H., Jr., Detroit, Mich., assignor to The Regents of the University of California. Production of pantothenic acid. 2,375,885; May 15.
Babcock, Sidney H., Jr., and B. R. Baker, Davis, Calif., assignors to The Regents of the University of California. Synthesis of beta-alanine. 2,376,334; May 22.
Babcock & Wilcox Company, The: *See*—
Amernethy, John, assignor.
Arnold, Thomas H., assignor.
Bailey, E. G., and Ebersole, assignors.
Daniels, George H., assignor.
Ebbets, George D., assignor.
Ebersole, George B., assignor.
Fletcher, James, assignor.
Gay, Cecil H., assignor.
Hardgrove, Ralph M., assignor.
Harvey, J. F., and Hermandorfer, assignors.
Hubbard, Norman, assignor.
Jacobs, John H., assignor.
Kessler, George W., assignor.
Kooistra, Lambert, assignor.
Maxwell, Carl A., assignor.
Norton, Charles L., Jr., assignor.
Poole, Arthur J., assignor.
Schoessow, Earl E., assignor.
Shellenberger, R., and Gilg, assignors.
Trainer, James E., assignor.
Wilson, E. F., and Oberg, assignors.
Babel, Byron A., Highland, Calif. Vending machine. 2,382,197; Aug. 14.
Babel, Byron A., Highland, Calif. Tooth brush. 2,386,085; Oct. 2.
Babicz, George, Chicago, Ill. Device for regulating pressure in machine rollers. 2,381,712; Aug. 7.
Babicz, George, Chicago, Ill. Paper elevating device for printing machines. 2,381,713; Aug. 7.
Babson Bros. Co.: *See*—
Babson, H. B., and Stampen, assignors.
Babson, Henry B., Chicago, and J. J. Stampen, Hollywood, assignors, by mesne assignments, to Babson Bros. Co., Chicago, Ill. Milking parlor. Re. 22,657; Aug. 7.
Bach, Henry M., Lawrence, assignors to Premier Crystal Laboratories, Inc., New York, N. Y. Piezo-crystal device. 2,390,048; Dec. 4.
Bach, William F., Cleveland Heights, Ohio. Pipe hanger system. 2,375,513; May 8.
Bacheldor, Newell G., Akron, Ohio. Article holder. 2,379,060; June 26.
Bacher, Frederick A.: *See*—
Trenner, N. R., and Bacher.
Bachman, Charles H., Scotia, and J. T. Tschopp, Schenectady, N. Y., assignors to General Electric Company. Positioning means. 2,380,209; July 10.
Bachman, Fred E.: *See*—
Light, D. M., and Bachman.
Bachman, Fred E., assignor to American Steel Foundries, Chicago, Ill. Brake head balancing and attaching means. 2,380,376; July 31.
Bachman, William S., Fairfield, Conn., assignor to General Electric Company. Hum reducing system. 2,366,471; Jan. 2.
Bachman, William S., Fairfield, Conn., assignor to General Electric Company. Tone and volume control means. 2,377,121; May 29.
Bachmann Brothers, Inc.: *See*—
Crowther, Bayard H., assignor.
Back, Franz G., assignor to Helix Gage Works, New York, N. Y. Testing device. 2,381,634; Aug. 7.
Back, Franz G., New York, N. Y., assignor to Gastro-Photor Laboratories Corp. Illuminating arrangement. 2,391,611; Dec. 25.
Back, M. F., et al., trustees: *See*—
Geiger, William A., assignor.
Back, M. F., trustee, et al.: *See*—
Geiger, William A., assignor.
Backer, Christian B., Belmont, Mass. Electric boiling plate. 2,370,767; Mar. 6.
Backlin, Carl: *See*—
Schwabe, Joseph L., Jr., assignor.

Backlin, Clarence R., Floral Park North, assignor to Willcox & Gibbs Sewing Machine Company, New York, N. Y. Thread control device for sewing machines. 2,386,678; Oct. 9.

Backlin, Clarence R., Floral Park North, assignor to Willcox & Gibbs Sewing Machine Company, New York, N. Y. Thread take-up device. 2,390,681; Dec. 11.

Backofen, Ryan, Battle Creek, and R. Lapsley, Berrien Springs, assignors to Clark Equipment Company, Buchanan, Mich. Pump. 2,373,642; Apr. 17.

Backoff, William J.: *See*—
Ross, W. B., Backoff, and Williams.
Williams, N. D., and Backoff.

Backstay Welt Company: *See*—
Clark, Stewart H., assignor.

Bacon, Alfons R.: *See*—
Berkman, B., Bacon, and Weber.

Bacon, David L., North Haven, S. P. Caldwell, Hamden, and W. L. Barmmer, Stratford, assignors to The Greist Manufacturing Company, New Haven, Conn. Sewing machine attachment. 2,374,721; May 1.

Bacon, Henry M., assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Covering for worsted type spinning rolls. 2,369,635; Feb. 20.

Bacon, Henry M., assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Method and apparatus for molding loop pickers. 2,369,636; Feb. 20.

Bacon, Henry M., assigner to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Spinning roll cover. 2,386,583; Oct. 9.

Bacon, Henry S., West Roxbury, Mass. Cable entrenching machine. 2,373,652; Apr. 17.

Bacon, Leslie R.: *See*—
Wegst, W. F., McNabney, and Bacon.

Bacon, Louis: *See*—
Yarnolowich, William C., assignor.

Bacon, Reginald G. R., and W. J. R. Evans, Manchester, England, assignors to Imperial Chemical Industries Limited. Chlorinating polymeric materials. 2,379,409; July 3.

Bacon, Reginald G. R., Manchester, and R. B. Richards, Northwich, England, assignors to Imperial Chemical Industries Limited. Polymerization and interpolymerization of ethylene. 2,391,218; Dec. 18.

Bacon, Thomas P., Oakland, Calif. Tire repair vulcanizer. 2,366,308; Jan. 2.

Bacon, Thomas P., Jr., Oakland, Calif. Inside curing rim. 2,372,246; Mar. 27.

Bacon, Thomas P., Oakland, Calif. Tire mold. 2,372,644; Apr. 3.

Bacon, Thomas P., Jr., Oakland, Calif. Tire vulcanizing apparatus. 2,380,380; July 31.

Bacon, Walter M., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Automatic telegraph transmitter system. 2,369,935; Feb. 20.

Bacon, Walter M., and F. S. Kinkead, deceased, by R. S. Kinkead, administratrix, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Communication system. 2,374,264; Apr. 24.

Bacon, Walter M., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph system. 2,376,111; May 15.

Bacon, Walter M., F. S. Kinkead, New York, and J. A. Krecek, New Rochelle, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Communication system. 2,381,871; Aug. 14.

Baczewski, Alexander, New York, N. Y. Stencil. 2,385,562; Sept. 25.

Badeau, Reid G., Wausau, Wis. Strip shingle construction. 2,390,682; Dec. 11.

Badenhausen, John P., Philadelphia, Pa. Steam generator. 2,367,558; Jan. 16.

Badenhausen, John P., Philadelphia, Pa. Steam generator. 2,367,559; Jan. 16.

Badenhausen, John P., Philadelphia, Pa. System for generating steam. 2,384,587; Sept. 11.

Badenhausen, John P., Philadelphia, Pa. Steam generator. 2,384,588; Sept. 11.

Badertscher, Darwin E.: *See*—
Daley, H. G., Crowley, Badertscher, and Coonradt.
Frank, F. C., Badertscher, and Berger.

Badertscher, Darwin E., Woodbury, N. J., H. L. Coonradt, Camp Lee, Va., and D. J. Crowley, Pennsgrove, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Separating hydrocarbons and making mercaptans. 2,386,769; Oct. 16.

Badertscher, Darwin E., Woodbury, N. J., H. L. Coonradt, Camp Lee, Va., and D. J. Crowley, Pennsgrove, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Separating hydrocarbons and making mercaptans. 2,386,771; Oct. 16.

Badertscher, Darwin E., Woodbury, N. J., H. L. Coonradt, Camp Lee, Va., and D. J. Crowley, Pennsgrove, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Separating hydrocarbons and making mercaptans. 2,386,772; Oct. 16.

Badertscher, Darwin E., Woodbury, D. J. Crowley, Pennsgrove, and C. F. Feasley, Thorofare, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Separation of tertiary base olefins from hydrocarbon mixtures. 2,386,773; Oct. 16.

Badertscher, Darwin E., Woodbury, N. J., H. L. Coonradt, Camp Lee, Va., and D. J. Crowley, Penns Grove, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Separating hydrocarbons and making mercaptans. 2,386,774; Oct. 16.

Badertscher, Darwin E., Woodbury, N. J., H. L. Coonradt, Camp Lee, Va., and D. J. Crowley, Penns Grove, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Separating hydrocarbons and making mercaptans. 2,387,224; Oct. 16.

Badertscher, Darwin E., R. H. Williams, and H. G. Berger, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Mineral oil composition and improving agent therefor. 2,373,286; Apr. 10.

Badger Carton Co.: *See*—
Groth, A., and Hanauer, assignors.

Badger, E. B., & Sons Co.: *See*—
Rousseau, William C., assignor.

Badger, Harry M., and O. M. Anderson, assignors to Landers, Frary & Clark, New Britain, Conn. Nested food carrying equipment. 2,371,578; Mar. 13.

Badger Meter Manufacturing Company: *See*—
Kreuger, Emil M., assignor.

Badgley, Laurie C., Springfield, Ill. Spring dog assembly and the like. 2,368,737; Feb. 6.

Badgley, Laurie C., Springfield, Ill. Jet type pump. 2,371,019; Mar. 6.

Badin, Fred F., Buffalo, N. Y. Bed. 2,374,641; May 1.

Badmaieff, Alexis, Indianapolis, Ind., assignor to Radio Corporation of America. Balanced frequency modulation system. 2,371,373; Mar. 13.

Badmaieff, Alexis, Indianapolis, Ind., assignor to Radio Corporation of America. Push-pull sound reproducing method and system. 2,385,324; Sept. 25.

Badrutt, Hans, Detroit, Mich. Airplane propeller. 2,367,190; Jan. 16.

Baehr, Julius, Beverly Hills, Calif. Sandal. 2,368,514; Jan. 30.

Baer, Carl A., New York, N. Y. Container. 2,373,285; Apr. 10.

Baer, Georges, Paudex-Lausanne, Switzerland. Camera objective holder mount. 2,383,439; Aug. 28.

Baer, Howard E., Garfield, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Aircraft protective system. 2,389,754; Nov. 27.

Baer, John M., Chicago, Ill., assignor to The Guardite Corporation. Drying raw organic materials. 2,391,441; Dec. 25.

Baer, Josef, Washington County, assignor to Electric Steel Foundry, Portland, Oreg. Excavating tooth. 2,385,395; Sept. 25.

Baerwald, Francis K., Berkeley, assignor to Rosenberg Bros. & Co., San Francisco, Calif. Food preservation method. 2,370,768; Mar. 6.

Baerwald, Hans G., Cleveland Heights, assignor to The Brush Development Company, Cleveland, Ohio. Piezoelectric device. 2,373,445; Apr. 10.

Bafin, George, Los Angeles, Calif. Abrasive block. 2,371,374; Mar. 13.

Bagan, John P., Portland, assignor of one-third to A. R. Wanezek, Marshfield, Oreg. Spiral tiller. 2,379,469; July 3.

Baggott, Edmund W., Brooklyn, assignor to Ideal Novelty & Toy Co., Long Island City, N. Y. Links and ornamental fabric therefrom. 2,381,860; Aug. 14.

Bagley, Glen D., Lewiston, N. Y., assignor to Electro Metallurgical Company. Apparatus for producing magnesium. 2,386,189; Oct. 9.

Bagley, Harold R., Tile Hill, Coventry, assignor to A. C. Wickman Limited, Coventry, England. Clutch controlled power transmission mechanism for machine tools. 2,370,282; Feb. 27.

Bagley, Harold R., Tile Hill, Coventry, assignor to A. C. Wickman Limited, Coventry, England. Control mechanism for fluid operated parts of machine tools. 2,388,460; Nov. 6.

Bagley and Sewall Company, The: *See*—
Helin, Francis A., assignor.

Bagley, William H., Jr., assignor to Development Engineering Company, Detroit, Mich. Explosive material. 2,369,517; Feb. 13.

Bagnall, Edwin, Chicago, Ill. Stabilizer. 2,366,472; Jan. 2.

Bagnall, Edwin, Minneapolis, Minn. Bed warmer. 2,378,821; June 19.

Bagnall, Edwin, Chicago, Ill. Stabilizer. 2,389,017; Nov. 13.

Bagpak, Inc.: *See*—
Hurrey, Ross C., assignor.

Bagshaw, Charles M.: *See*—
Ricks, F., and Bagshaw.

Bagwell, Hardy L., Ware Shoals, S. C., assignor to Union Special Machine Company, Chicago, Ill. Sewing machine. 2,391,379; Dec. 25.

Bahn, Carl E., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Lens spacing fixture. 2,381,098; Aug. 7.

Bahner, Carl T., Jefferson City, Tenn. Ethers of primary nitroalkanes and preparing them. 2,391,815; Dec. 25.

Bahney, Luther W., Elizabeth, N. J., and A. H. Horswell, Jackson Heights, N. Y., assignors to Scovill Manufacturing Company, Waterbury, Conn. Metallurgical apparatus. 2,369,272; Feb. 13.

Bahnson, Agnew H., Jr., Winston-Salem, N. C. Atomizer. 2,382,124; Aug. 14.

Bahr, Gustave F., Fairfield, assignor to Casco Products Corporation, Bridgeport, Conn. Shaving machine. 2,373,370; Apr. 10.

Baliar, Charles O., Menasha, Wis., assignor to Marathon Corporation. Package. 2,368,797; Feb. 6.

Ballenson, Louis, Brooklyn, N. Y. Spray tube attachment for dental instruments. 2,369,880; Feb. 20.

Bailey, Carl G., Staunton, Va. Pie pan lifter. 2,367,991; Jan. 23.

Bailey, Carrol A., Woodland, Calif. Measuring device. 2,386,181; Oct. 9.

Bailey, Clifton C., Ashland, Ohio. Emergency vehicle wheel. 2,372,049; Mar. 20.

Bailey, Delbert F., Toronto, Ontario, Canada. Vehicle spring suspension. 2,387,732; Oct. 30.

Bailey, Donald C., Christchurch, England. Construction of bridges and other metal frame structures. 2,376,023; May 15.

Bailey, Erwin G., Easton, Pa., and G. B. Ebersole, Akron, Ohio, assignors to The Babcock & Wilcox Company, Rockleigh, N. J. Pulverizer. 2,378,681; June 19.

Bailey, Frank A., and G. A. Miller, assignors to The DeVilbiss Company, Toledo, Ohio. Spray coating apparatus. 2,388,517; Nov. 6.

Bailey, Grant C., and J. A. Reid, Bartlesville, Okla., assignors to Phillips Petroleum Company. Purification process. 2,376,969; June 26.

Bailey, Grant C., and J. A. Reid, assignors to Phillips Petroleum Company. Catalytic polymerization of olefins. 2,381,198; Aug. 7.

Bailey, Herbert S., Ontario, assignor to California Fruit Growers Exchange, Los Angeles, Calif. Preparation of pectin. 2,387,635; Oct. 23.

Bailey, Herbert S., Ontario, assignor to California Fruit Growers Exchange, Los Angeles, Calif. Preparation of pectin. 2,387,636; Oct. 23.

Bailey, James, West Hartford, assignor to Plax Corporation, Hartford, Conn. Apparatus for conditioning plastic material. 2,373,939; Apr. 17.

Bailey, Joyce R., et al.: *See*—
Walker, Thomas G., assignor.

Bailey, Lawrence H.: *See*—
Stokes, F. J., Jr., and Bailey.

Bailey, Leon M., Nutley, N. J., assignor to Palmer-Bee Company, Detroit, Mich. Selective conveyer. 2,377,848; June 12.

Bailey, Lothrop R., Penn Township, Allegheny County, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Jolly balance. 2,387,489; Oct. 23.

Bailey Meter Company: *See*—
Johnson, Clarence, assignor.

Bailey, Ralph E., and A. C. Tricker, Portland, Oreg. Tube splicer. 2,367,191; Jan. 16.

Bailey, Theodore, Habana, Cuba. Measuring device. 2,385,677; Sept. 25.

Bailey, William A., Jr., and B. S. Greensfelder, Oakland, assignors to Shell Development Company, San Francisco, Calif. Catalytic conversion of hydrocarbon oils. 2,375,725; May 8.

Bailey, William A., Jr., Oakland, assignor to Shell Development Company, San Francisco, Calif. Process and catalyst for the conversion of hydrocarbons. 2,377,744; June 5.

Bailey, William A., Jr., Wilmington, assignor to Shell Development Company, San Francisco, Calif. Catalytic cracking of petroleum oils. 2,385,325; Sept. 25.

Bailey, William A., Jr., Long Beach, assignor to Shell Development Company, San Francisco, Calif. Catalytic treatment of hydrocarbon oils. 2,385,326; Sept. 25.

Bailey, William J., Packanack Lake, N. J., and C. E. Whiteman, Richmond Hill, assignors to International Business Machines Corporation, New York, N. Y. Record controlled annunciator. 2,390,415; Dec. 4.

Bailey, William J. A., Packanak Lake, N. J., assignor to International Business Machines Corporation, New York, N. Y. Gun sight. 2,374,722; May 1.

Bailey, William J. A., Packanack Lake, N. J., and C. E. Whiteman, Richmond Hill, assignors to International Business Machines Corporation, New York, N. Y. Gun sight. 2,386,420; Oct. 9.

Bailie, James C.: *See*—
Heard, L., Shankland, and Bailie.

Bailie, James C., and M. J. See, assignors to Standard Oil Company, Chicago, Ill. Catalytic hydrocarbon conversion process. 2,378,530; June 19.

Bailie, James C., assignor to Standard Oil Company, Chicago, Ill. Hydrocarbon conversion process. 2,380,489; July 31.

Baily, Thaddeus F., Canton, Ohio. Melting and refining ferrous metals. 2,382,534; Aug. 14.

Bain, Joseph P., Jacksonville, Fla. assignor, by mesne assignments, to Nello Resin Processing Corporation, Cleveland. Resinous material and preparing. 2,374,657; May 1.

Baines, John A., Willesden Junction, London, assignor to Rotax Limited, London, England. Ignition magnetos for internal-combustion engines. 2,385,678; Sept. 25.

Baiocchi, Joseph J., San Francisco, Calif. Egg candling device. 2,388,518; Nov. 6.

Bair, George J., Pittsburgh, assignor to N. S. Garbisch, Butler, Pa. Glass batch. 2,366,473; Jan. 2.

Baird, Albert W., Cranford, N. J., assignor to The Linde Air Products Company. Electric plug or rivet welding apparatus. 2,367,257; Jan. 16.

Baird, Albert W., Cranford, N. J., assignor to The Linde Air Products Company. Electric welding apparatus. 2,379,470; July 3.

Baird, Clyde W., Columbus, Ohio. Communication system. 2,370,388; Feb. 27.

Baird, Frank T., Blue Island, Ill. Electric lantern. 2,369,637; Feb. 20.

Baird, Gordon A., Hopewell, Va. Logging bunk. 2,377,201; May 29.

Baird Machine Company, The: *See*—
Lewis, A. J., and Barnes, assignors.

Baird, William, A. Hill, J. E. G. Harris, S. H. Oakeshott, and W. J. Wilson, Manchester, England, assignors to Imperial Chemical Industries Limited. Cleansing compositions. 2,377,066; May 29.

Bakarian, Puzant W., assignor to The Dow Chemical Company, Midland, Mich. Bonding magnesium-alloy sheets. 2,366,168; Jan. 2.

Bake, Louis S., Penns Grove, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Quick curing neoprene cement. 2,384,269; Sept. 4.

Bakelite Corporation: *See*—
Catlow, William R., Jr., assignor.
Daniels, R. S., and Mostello, assignors.
Kline, Harry, assignor.
Rector, C., and Schrimpe, assignors.
Turkington, V. H., and Butler, assignors.
Turkington, V. H., and Whiting, assignors.
Whiting, Leo R., assignor.

Bakelite Corporation, et al.: *See*—
Hanley, Albert J., assignor.

Baker, Albert D., Linden, N. J., assignor to General Motors Corporation, Detroit, Mich. Signaling device. 2,391,669; Dec. 25.

Baker, Albert L., Summit, N. J., assignor to The M. W. Kellogg Company, New York, N. Y. Insulation lining for conduits. 2,369,204; Feb. 13.

Baker, Arthur L. L., Sevenoaks, England. Jetty, wharf, and like berthing place for vessels. 2,391,612; Dec. 25.

Baker, Augustus J.: *See*—
Fuchs, Julius, assignor.

Baker, Augustus J., Cleveland, Ohio. Circumciser 2,376,893; May 29.

Baker, Augustus J., Cleveland, Ohio. Circumciser. 2,376,894; May 29.

Baker, Benjamin, Thompson Falls, Mont., and C. H. Barnes, assignors to Remington Arms Company, Inc., Bridgeport, Conn. Firearm. 2,377,661; June 5.

Baker, Benjamin P.: *See*—
Leeds, W. M., and Baker.
Webb, H. J., Baker, and Wahl.
Wilcox, H. M., Baker, and Webb.

Baker, Benjamin P., Turtle Creek, and R. C. Cunningham, East McKeesport, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Valve construction. 2,384,787; Sept. 18.

Baker, Bernard R.: *See*—
Babcock, S. H., Jr., and Baker.

Baker, Bernard R., Nanuet, assignor to Lederle Laboratories, Inc., New York, N. Y. Water soluble compounds having vitamin K activity. 2,380,716; July 31.

Baker, Bert F.: *See*—
Knox, H. A., and Baker.

Baker, Burton E., Newark, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Cutting quartz crystals and apparatus for preparing quartz crystals for cutting. 2,381,993; Aug. 14.

Baker, Calvin A., assignor of one-half to P. Lenik, Detroit, Mich. Driving dog for grinders and the like. 2,380,381; July 31.

Baker, Clarence H., and M. L. Olson, Indianapolis, Ind., assignors to Union Carbide and Carbon Corporation. Acetylene generator. 2,370,630; Mar. 6.

Baker, Clarence I., Elizabeth, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Directional compass for aircraft trainers. 2,379,869; July 10.

Baker, Clarence I., Elizabeth, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Artificial horizon and bank indicator for aircraft trainers. 2,381,872; Aug. 14.

Baker & Company, Inc.: *See*—
Crouch, H. W., and Stauss, assignors.
Keitel, Christian W., assignor.
Sivil, Cecil S., assignor.

Baker, David B., Riverside, J. C. Holub, Chicago, and L. E. Nickla, Cicero, Ill., assignors to International Harvester Company. Spindle moistener pad. 2,369,708; Feb. 20.

Baker, David B., Riverside, and W. O. Bechman, Chicago, Ill., assignors to International Harvester Company. Frame and draw-bar structure for crawler tractors. 2,391,002; Dec. 18.

Baker, Earl L., Washington, D. C. Wringer. 2,379,619; July 3.

Baker, Erwin G., Indianapolis, Ind. Rotary valve. 2,370,283; Feb. 27.

Baker, Erwin G., Indianapolis, Ind. Engine fuel gasifier. 2,389,714; Nov. 27.

Baker, Geoffrey B., and G. F. Hawkins, assignors to Murphy Radio Limited, London, England. Tuning of radio receivers. 2,374,265; Apr. 24.

Baker, George S., Chicago, Ill. Permanent wave solutions. 2,389,755; Nov. 27.

Baker, George T.: *See*—
Taylor, E., and Baker.

Baker, George T., Liverpool, England, assignor, by mesne assignments, to Automatic Electric Laboratories, Inc., Chicago, Ill. Electromagnetic relay. 2,369,331; Feb. 13.

Baker, George W., Chicago Heights, and N. Nelsson, assignors to United States Gypsum Company, Chicago, Ill. Wall structure. 2,370,769; Mar. 6.

Baker, George W., Chicago Heights, assignor to United States Gypsum Company, Chicago, Ill. Partition structure. 2,381,635; Aug. 7.

Baker, Glenn J., Jr., Los Angeles, Calif. Surgical fracture apparatus. 2,373,371; Apr. 10.

Baker, Henry D., assignor to Chemical Construction Corporation, New York, N. Y. Seal for pressure vessels. 2,385,754; Sept. 25.

Baker, Henry E., Milton, Mass. Paving stripping apparatus. 2,388,461; Nov. 6.

Baker, Howard E.: *See*—
Nelson, Walter O., assignor.

Baker, James A., Shorewood, assignor to Milprint, Inc., Milwaukee, Wis. Encasing meat or the like. 2,368,398; Jan. 30.

Baker, James N., Baltimore County, Md., assignor to The Black and Decker Manufacturing Company. Vacuum cleaner. 2,380,382; July 31.

Baker, John B., assignor to The Timken Roller Bearing Company, Canton, Ohio. Cage for roller bearings. 2,383,233; Aug. 21.

Baker, John C., Montclair, N. J., assignor to Novadel-Agene Corporation. Treatment of cereals. 2,379,335; June 26.

Baker, Karl V., Malaga, Ohio. Tire valve. 2,378,384; June 19.

Baker, Leonard, Hillsdale, N. J., and L. C. Williams, assignors to Dexter Folder Company, Pearl River, N. Y. Elevator for sheet feeders. 2,368,094; Jan. 30.

Baker, Leonard, Hillsdale, N. J., assignor to Dexter Folder Company, Pearl River, N. Y. Sheet feeding apparatus. 2,389,480; Nov. 20.

Baker, Malvern S., Pontiac, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Power transmission. 2,369,126; Feb. 13.

Baker, Marlin S., assignor to The Parker Pen Company, Janesville, Wis. Fountain pen. 2,387,001; Oct. 16.

Baker, Melvin D.: *See*—
Emblen, H. V., and Baker.

Baker, Melyn E., Oregon City, Oreg. Propulsion means for vessels. 2,367,325; Jan. 16.

Baker, Norman G., Laredo, Tex. Marine propulsion. 2,369,996; Feb. 20.

Baker Oil Tools, Inc.: *See*—
Baker, Reuben C., assignor.
Burt, Clarence E., assignor.
King, Charles M., assignor.
McGivern, P. V., and Chastain, assignors.
Sanrenman, Dean F., assignor.

Baker Perkins, Inc.: *See*—
Engels, Eugene O., assignor.

Baker Perkins Limited: *See*—
Harber, Laurence S., assignor.
Pointon, John E., assignor.
Tunley, Allan A., assignor.

Baker, Ralph H., Independence, Mo. Safety device for firearms. 2,379,946; July 10.

Baker, Reuben C., Coalinga, assignor to Baker Oil Tools, Inc., Vernon, Calif. Well packer. 2,368,399; Jan. 30.

Baker, Reuben C., Coalinga, assignor to Baker Oil Tools, Inc., Vernon, Calif. Releasable well packer. 2,368,400; Jan. 30.

Baker, Reuben C., Coalinga, assignor to Baker Oil Tools, Inc., Vernon, Calif. Lock device for well tools. 2,368,401; Jan. 30.

Baker, Reuben C., Coalinga, assignor to Baker Oil Tools, Inc., Vernon, Calif. Removable well packer. 2,370,832; Mar. 6.

Baker, Reuben C., Coalinga, assignor to Baker Oil Tools, Inc., Vernon, Calif. Apparatus for cementing well bores. 2,370,833; Mar. 6.

Baker, Reuben C., Coalinga, assignor to Baker Oil Tools, Inc., Vernon, Calif. Retrievable well packer. 2,373,005; Apr. 3.

Baker, Reuben C., Coalinga, assignor to Baker Oil Tools, Inc., Vernon, Calif. Operating well apparatus. 2,373,006; Apr. 3.

Baker, Rhea V., Seattle, Wash., assignor to Feenaughty Machinery Co., Portland, Oreg. Vehicle jack. 2,381,199; Aug. 7.

Baker, Richard F., Merchantville, N. J., assignor to Radio Corporation of America. Electron decelerator. 2,372,170; Mar. 27.

Baker, Robert, Alexandria, and C. W. Davis, Summitville, Ind., assignors to The Mantle Lamp Company of America, Chicago, Ill. Pressure type liquid fuel burning device. 2,375,836; May 15.

Baker, Robert E., New Haven, and G. H. Kendall, Darien, assignors to Sargent & Company, New Haven, Conn. Releasable coupler. 2,369,638; Feb. 20.

Baker, Robert M., H. G. Frostick, and C. C. Whittaker, Pittsburgh, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Induction heating coil. 2,381,246; Aug. 7.

Baker, Sylvester A., San Francisco, Calif. Fixture holder. 2,378,121; June 12.

Baker, Theodore C., Newington, assignor to Hartford-Empire Company, Hartford, Conn. Method of and apparatus for degassing liquids. 2,376,221; May 15.

Baker, Thomas A., Logansport, Ind. Fluid measuring and regulating mechanism. 2,375,204; May 8.

Baker, Thomas A., Logansport, Ind. Liquid metering device. 2,385,784; Oct. 2.

Baker, Thomas A., Logansport, Ind. Fluid proportioning system. 2,388,669; Nov. 13.

Baker, Thomas W., and J. Friedman, Dallas, Tex., assignors, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Catalyst recovery process. 2,373,803; Apr. 17.

Baker, Virgil H., and P. T. Keebler, Springfield, Ohio, assignors to Elliott Company, Pittsburgh, Pa. Tube cleaner motor. 2,384,872; Sept. 18.

Baker, Walter: *See*—
Deal, T. M., and Baker.

Baker, William O., Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Inhibiting cracking of polymeric bodies. 2,373,093; Apr. 10.

Baker, Zelma, and B. F. Miller, Chicago, Ill. Germicidal preparations. 2,380,011; July 10.

Bakerman, David, West Haven, Conn. Collar clip. 2,384,788; Sept. 18.

Bakewell, Harding F., San Marino, Calif. Rotary cutting tool. 2,369,273; Feb. 13.

Bakke, Mathias J., et al.: *See*—
Bakke, Robert, assignor.

Bakke, Olaf, De Sart, N. Dak. Wind wheel generator. 2,379,857; July 10.

Bakke, Robert, assignor of one-half to M. J. Bakke, and one-fourth to C. J. Swahn, Minneapolis, Minn. Welding helmet. 2,377,122; May 29.

Bakker, Pier: *See*—
Lomax, C. E., and Bakker.

Bakker, Pier, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Multiexchange automatic telephone system. 2,366,232; Jan. 2.

Bakker, Pier, Chicago, Ill., assignor to Automatic Electric Laboratories, Inc. Telephone system. 2,375,514; May 8.

Bakker, Pier, Chicago, Ill., assignor to Automatic Electric Laboratories, Inc. Telephone system. 2,389,290; Nov. 20.

Balaban & Katz Corporation: *See*—
Eddy, William C., assignor.

Balassa, Ladislaus, Flint, Mich., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coating compositions and preparing them. 2,384,270; Sept. 4.

Balcar, Frederick R., Stamford, Conn., assignor to Air Reduction Company, Incorporated, New York, N. Y. Preparation of aldol. 2,372,540; Mar. 27.

Balcar, Frederick R., Stamford, Conn., assignor to Air Reduction Company, Incorporated, New York, N. Y. Production of butadiene. 2,374,405; Apr. 24.

Balcar, Frederick R., Stamford, Conn., assignor to Air Reduction Company, Incorporated, New York, N. Y. Purification of gases. 2,384,065; Sept. 4.

Balcar, Frederick R., Stamford, Conn., assignor, by mesne assignments, to U. S. Industrial Chemicals, Inc., New York, N. Y. Production of acetaldehyde from ethyl alcohol by partial oxidation. 2,384,066; Sept. 4.

Balcar, Frederick R., Stamford, Conn., assignor, by mesne assignments, to U. S. Industrial Chemicals, Inc. Antifreeze composition. 2,386,182; Oct. 9.

Balcar, Frederick R., Stamford, Conn., assignor, by mesne assignments, to U. S. Industrial Chemicals, Inc., New York, N. Y. Antifreeze composition. 2,386,183; Oct. 9.

Balch, Royal T., Washington, D. C., assignor to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Hard waxes and fatty products derived from crude sugar cane waxes. 2,381,420; Aug. 7.

Baldanza, Nicholas T., Rutherford, assignor to Columbia Protektosite Company, Inc., Carlstadt, N. J. Combined hinge and wall assembly. 2,370,928; Mar. 6.

Baldenhofer, William G., assignor to The Thompson Grinder Company, Springfield, Ohio. Grinding machine. 2,378,903; June 26.

Baldenhofer, William G., assignor to The Thompson Grinder Company, Springfield, Ohio. Bearing for rotary spindles. 2,384,589; Sept. 11.

Baldenhofer, William G., assignor to The Thompson Grinder Company, Springfield, Ohio. Lubricating system for machine tools. 2,384,590; Sept. 11.

Baldesberger, Robert J., Pittsburgh, Pa. Artificial fishing bait. 2,381,099; Aug. 7.

Baldeschwieler, Agnes R., Asbury Park, N. J. Bath mitt. 2,374,068; Apr. 17.

Baldeschwieler, Emile L., Cranford, and P. J. Gaylor, Union, N. J., assignors to Standard Oil Development Company. Recovering boron fluoride. 2,381,027; Aug. 7.

Baldo, Louie: *See*—
Morrow, D., and Baldo.

Balduf, Bruno E., assignor to United States Gypsum Company, Chicago, Ill. Building structure. 2,389,573; Nov. 20.

Baldwin, Clyde P., and H. H. Vanderzee, Claremont, N. H., assignors to Sullivan Machinery Company. Control mechanism for mining apparatus. 2,384,447; Sept. 11.

Baldwin Locomotive Works: *See*—
Burkhardt, Conrad C. C., assignor.
Essl, Max, assignor.
Ruge, Arthur C., assignor.
Stamm, John J., assignor.

Baldwin Locomotive Works, The: *See*—
Lowy, Robert, assignor.
Petersen, Harry B., Jr., assignor.
Ruge, Arthur C., assignor.
Sharp, Robert E. B., assignor.
Sims, John C., Jr., assignor.
Smith, John E., assignor.

Baldwin, Wayne A., Watertown, N. Y., assignor to The New York Air Brake Company. Air brake. 2,390,049; Dec. 4.

Baldwin, William G., Pittsburgh, Pa. Level. 2,386,833; Oct. 16.

Bales, James E.: *See*—
Loeb, F. F., and Bales.

Bales, James E., assignor to Lyon Metal Products, Incorporated, Aurora, Ill. Shelf construction. 2,374,658; May 1.

Bales, James E., assignor to Lyon Metal Products, Incorporated, Aurora, Ill. Wooden shelving. 2,375,726; May 8.

Bales, Max G., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Plate and bearing assembly. 2,390,050; Dec. 4.

Ballman, Albert, U. S. Navy. Mooring device. 2,383,950; Sept. 4.

Balkins, Almon J., Alhambra, Calif. Telephone support. 2,382,125; Aug. 14.

Ball, Albert L., Lewiston, and P. H. Walker, assignors to The Carborundum Company, Niagara Falls, N. Y. Reinforced abrasive wheel. 2,369,639; Feb. 20.

Ball, Charles, et al.: *See*—
Wagers, Beverly T., assignor.

Ball, Charles F., Wauwatosa, assignor to Chain Belt Company, Milwaukee, Wis. Mechanism for introducing water into concrete mixers. 2,368,402; Jan. 30.

Ball, Charles F., Franklin, Pa., assignor to Joy Manufacturing Company. Flight. 2,372,925; Apr. 3.

Ball, Charles F., Franklin, Pa., and G. K. Viall, assignors to Chain Belt Company, Milwaukee, Wis. Apparatus for supplying water to concrete mixers. 2,374,970; May 1.

Ball, Charles F., assignor to Joy Manufacturing Company, Franklin, Pa. Drive for vehicles. 2,380,012; July 10.

Ball, Charles F., assignor to Joy Manufacturing Company. Franklin, Pa. Winch. 2,389,177; Nov. 20.

Ball, Charles J. P.: *See*—
Hobbs, Howard F., assignor.

Ball, Harvey W., assignor to The Morgan Engineering Company, Alliance, Ohio. Hoisting mechanism. 2,370,834; Mar. 6.

Ball, Jack, Euclid, assignor to Picker X-Ray Corporation Waite Manufacturing Division, Inc., Cleveland, Ohio. Maximum kilovoltage limiter for X-ray tubes. 2,368,798; Feb. 6.

Ball, Joseph A., Los Angeles, and L. Plotin, North Hollywood, assignors to Max McGraw, doing business as McGraw Colorgraph Company, Burbank, Calif. Color photography. 2,385,599; Sept. 25.

Ball, Mildred S., assignor to Pacific Olive Company, Visalia, Calif. Tool for stuffing pimiento and the like. 2,384,429; Sept. 11.

Ball, Norris C., Denver, Colo. Milk pipe rack. 2,376,955; May 29.

Ball, Richard N.: *See*—
Van Dellen, E., and Ball, assignors.

Ball & Socket Manufacturing Co., The: *See*—
Hubbell, Leslie W., assignor.

Ball, Thomas M., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Switch control mechanism. 2,380,491; July 31.

Ball, Thomas M., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Switch control mechanism. 2,380,492; July 31.

Ball, Thomas M., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Switch control mechanism. 2,380,493; July 31.

Ball, Thomas M., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Switch control mechanism. 2,380,494; July 31.

Ballamy, Leslie M., Caterham-on-Hills, and R. H. Sheepshanks, Eyke, Woodbridge, England. Transfer means for fibrous material. 2,377,123; May 29.

Ballamy, Leslie M., Harestone Hill, Caterham, and R. H. Sheepshanks, Eyke, Woodbridge, assignors of one-half to G. B. (Nottingham) Limited, Nottingham, England. Vehicle wheel driving means. 2,377,124; May 29.

Ballamy, Leslie M., Caterham-on-Hill, and R. H. Sheepshanks, Eyke, Woodbridge, England. Needlebar mechanism for sewing machines. 2,390,288; Dec. 4.

Ballard, Hyde W., Merion, Pa., assignor to All American Aviation, Inc., Wilmington, Del. Ground station for aerial pickup systems. 2,369,518; Feb. 13.

Ballard, John S.: *See*—
Booth, G. M., and Ballard.

Ballard, Kermit H.: *See*—
Deyrup, A. J., and Ballard.
Deyrup, A. J., Ballard, and Strickarz.

Ballard, Kermit H., Perth Amboy, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Burnish gold. 2,383,704; Aug. 28.

Ballard, Kermit H., Perth Amboy, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Terminal fastening for electrical capacitors. 2,389,018; Nov. 13.

Ballard, L. O., et al.: *See*—
Fees, John N., assignor.

Ballard, Mary H., Chicago, Ill. Buckle. 2,380,383; July 31.

Ballard, Seaver A.: *See*—
Finch, H. D., and Ballard.
Williams, P. H., Ballard, and Evans.
Winkler, D. E., and Ballard.

Ballard, Seaver A., Berkeley, and V. E. Haury, El Cerrito, assignors to Shell Development Company, San Francisco, Calif. Hydrogenated ketone resins. 2,380,142; July 10.

Balleisen, Charles E., U. S. Army, Philadelphia, Pa. Firearm. 2,372,652; Apr. 3.

Ballesteros, Arturo: *See*—
Ayala, P., and Ballesteros.

Ballinger, Karl, assignor of one-third to F. Krake and one-third to D. Sawatzki, Coloma, Mich. Trailer. 2,375,754; May 15.

Ballintine, Elmer J., Tarentum, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Tank construction. 2,384,067; Sept. 4.

Ballman, Donald K., assignor to The Dow Chemical Company, Midland, Mich. Fungicidal and bactericidal compositions. 2,376,650; May 22.

Ballou, B. A., & Co. Incorporated: *See*—
Ballou, Frederick A., Jr., assignor.
Morehouse, Eugene, assignor.

Ballou, Dona L., assignor to The Aspinook Corporation, Jewett City, Conn. Tension device. 2,375,459; May 8.

Ballou, Frederick A., Jr., Providence, R. I., assignor to B. A. Ballou & Co. Incorporated. Securing device. 2,380,359; July 10.

Ballou, Richard P., West Hartford, and D. F. Daly, Hartford, Conn., assignors, by mesne assignments, to Federal Electric Products Company, Inc., Newark, N. J. Electric switch mechanism. 2,370,515; Feb. 27.

Balls, Arnold K., Washington, D. C., W. S. Hale, Alexandria, Va., and T. H. Harris, Washington, D. C., assignors to C. R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Proteinous material. 2,366,952; Jan. 9.

Balls, Arnold K., Washington, D. C., and W. S. Hale, Alexandria, Va., assignors to Claude R. Wickard as Secretary of Agriculture of the United States of America, and to his successors in office. Treating cereal grains. 2,381,421; Aug. 7.

Balmer, Harold J., Portland, assignor of one-half to T. E. Ingersoll, Muskegon, Mich. Measuring device. 2,384,150; Sept. 4.

Balsiger, Harold E., Waynesboro, Pa., and R. E. Price, Highfield, Md., assignors to Landis Tool Company, Waynesboro, Pa. Hydraulic control device. 2,386,184; Oct. 9.

Balston, Clyde C., Interlachen, Putnam County, Fla. Lacteal-laxative products and making same. 2,366,474; Jan. 2.

Balston, Clyde C., Interlachen, Putnam County, Fla. Lacteal-laxative products and making same. 2,367,166; Jan. 9.

Balthis, Joseph H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Plasticizing polyamides. 2,374,069; Apr. 17.

Baltimore Paper Company: *See*—
Lindeen, Edward C., assignor.

Balton, Charles A.: *See*—
Deardorff, P. A., and Balton.

Balton, Charles A., Buffalo, N. Y., assignor to Sav-way Industries, Detroit, Mich. Quick-acting control valve. 2,387,733; Oct. 30.

Balton, James, assignor to Maryland Baking Company Inc., Baltimore, Md. Jacket forming machine. 2,369,205; Feb. 13.

Balton, James, assignor to Maryland Baking Company, Inc., Baltimore, Md. Adhesive transferring mechanism. 2,370,284; Feb. 27.

Balton, James, assignor to Maryland Baking Company, Inc., Baltimore, Md. Cone jacket applying machine. 2,371,668; Mar. 20.

Baltzly, Richard: *See*—
Klemme, C. J., and Baltzly.

Baly, Wilfred F.: *See*—
Thornton, A. M., and Baly.

Balzarini, Martin L., Rockport, Mass., assignor of one-fourth to B. H. Levenson, Washington, D. C. Edible product and its production. 2,386,775; Oct. 16.

Balzer, Harvey W.: *See*—
Wicks, J., and Balzer.

Baiser, Harvey W., Downers Grove, Ill., assignor to Automatic Electric Laboratories, Inc. Telephone system. 2,367,635; Jan. 16.

Bambas, Louis L., Grosse Pointe Woods, assignor to Parke, Davis & Company, Detroit, Mich. Therapeutically useful sulphones and their preparation. 2,389,126; Nov. 20.

Bambas, Louis L., Grosse Pointe Woods, assignor to Parke, Davis & Company, Detroit, Mich. Sulphones and preparing same. 2,389,127; Nov. 20.

Bambas, Louis L., Grosse Pointe Woods, assignor to Parke, Davis & Company, Detroit, Mich. Sulphones and preparing same. 2,389,128; Nov. 20.

Bamford, Arthur P., Millburn, N. J., assignor to Arkell & Smiths, Inc., Canajoharie, N. Y. Apparatus for applying sheet material to other materials. 2,384,231; Sept. 4.

Bamford, Daniel: *See*—
Hadfield, J. J., and Bamford.

Bancroft, Thomas, Sherburn-in-Elmet, assignor of one-half to N. W. G. Blackburn, Yorkshire, England. Adjustable head golf club. 2,381,636; Aug. 7.

Bandini, Vergelio, et al.: *See*—
Vanore, Joseph, assignor.

Bandur, Adolph F., Berwyn, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Testing device. 2,379,947; July 10.

Bandur, Adolph F., Berwyn, J. F. Dillinger, Riverside, and A. N. Ogden, Chicago, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Magnetic material. 2,388,664; Nov. 13.

Bane, Howard, Arrowsmith, Ill. Hog feeder. 2,377,202; May 29.

Bankauf, William F., East Paterson, assignor to Robins Conveyors Incorporated, Passaic, N. J. Vibration damper. 2,380,013; July 10.

Banker, Oscar H., Evanston, assignor to New Products Corporation, Chicago, Ill. Change-speed transmission for aircraft. 2,370,131; Feb. 27.

Banker, Oscar H., Evanston, assignor to New Products Corporation, Chicago, Ill. Power train interrupter for change-speed transmissions. 2,378,385; June 19.

Banker, Oscar H., Evanston, assignor to New Products Corporation, Chicago, Ill. Change-speed gearing for aircraft propellers. 2,380,390; July 31.

Banker, Oscar H., assignor to New Products Corporation, Chicago, Ill. Transmission. 2,384,448; Sept. 11.

Banker, Paul M., et al.: *See*—
Monroe, Spencer F., assignor.

Bank of America National Trust and Savings Association, et al., executors: *See*—
Replogle, Daniel B.

Bank of Montclair, executor, et al.: *See*—
Ellis, Carleton.

Banks, Daniel B., Drexel Hill, assignor to Sun Oil Company, Philadelphia, Pa. Safety device for catalytic converters. 2,380,495; July 31.

Banks, George B., New Rochelle, N. Y. Antiknock fuel for internal-combustion engines. 2,373,372; Apr. 10.

Banks, George B., Chelmsford, assignor to Marconi's Wireless Telegraph Co., Ltd., London, England. Superregenerative radio receiver. 2,379,673; July 3.

Banks, John L. M. S., Addlestone, England. Structural material. 2,369,006; Feb. 6.

Bannan, Michael W., New Britain, Conn. Holders for welding electrodes. 2,377,203; May 29.

Bannerot, R. A., Martinez, A. H. Boultbee, Long Beach, and B. S. Greenfelder, assignors to Shell Development Company, San Francisco, Calif. Catalytic production of hydrogenated polymers. 2,379,410; July 3.

Banning, Lloyd: *See*—
Lamb, F. D., and Banning.

Bannister, Bryant, Mount Lebanon, Pa., assignor to National Tube Company. Making gun barrel forgings. 2,371,125; Mar. 13.

Bannister, Bryant, Mount Lebanon, Pa., assignor to National Tube Company. Continuous tube rolling mill. 2,378,278; June 12.

Bannister, Clyde E., Houston, Tex. Apparatus for cementing the wall of an earthboring. 2,387,002; Oct. 16.

Bannister, Edgar, assignor to D. Gilson and Company Limited, London, England. Machine for grinding metal. 2,375,340; May 8.

Bannon, John F., Providence, R. I., assignor to Defiance Sales Corporation, New York, N. Y. Desk calendar. 2,371,944; Mar. 20.

Banta, James J.: *See*—
McKinney, E. L., and Banta.

Banton, Theodore H.: *See*—
Champlin, J. B. F., and Banton.

Banua, Alberto P., Kalaheo, Hawaii. Dispensing container. 2,385,600; Sept. 25.

Bany, Herman, Lansdowne, Pa., assignor to General Electric Company. Automatic control equipment. 2,390,345; Dec. 4.

Banzhaf, Henry F., Milwaukee, Wis., and A. Finlay, Marquette, Mich., assignors, by mesne assignments, to American Hoist & Derrick Company, St. Paul, Minn. Winch. 2,379,858; July 10.

Baratelli, Charles A.: *See*—
Bernheim, D. P., Splaine, Lehmberg, Lown, and Baratelli.
Lehmberg, W. H., Baratelli, and Lown.
Lown, W., and Baratelli.

Baratelli, Charles A., Cambridge, D. P. Bernheim, Southbridge, and W. Lown, Boston, assignors to American Optical Company, Southbridge, Mass. Eye protection means. 2,387,821; Oct. 30.

Barbeck, Peter, assignor to Oxygen Arc Equipment Co., Inc., New York, N. Y. Electrode holder. 2,371,945; Mar. 20.

Barbee, Arrie, Pontiac, Mich. Combination curtain, drape, and shade holder. 2,374,165; Apr. 24.

Barbehenn, Ralph L., Plainfield, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Manufacture of bell-end pipe. 2,383,582; Aug. 28.

Barber Asphalt Corporation: *See*—
Douthett, Orin R., assignor.

Barber, Charles C., Rockville Center, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Differential gearing. 2,382,846; Aug. 14.

Barber-Coleman Company: *See*—
Colman, Howard D., assignor.
Crandall, Charles B., assignor.
Dewey, Ritchie P., assignor.
Drake, Russell P., assignor.
Kennedy, Walter W., assignor.
Lilja, Edgar D., assignor.
Purvis, Benjamin R., assignor.

Barber-Colman Company: *See*—
Ransome, Stafford M., assignor.

Barber-Greene Company: *See*—
Smith, Paul A., assignor.

Barber, Harry J., Gidea Park, Romford, assignor to May & Baker, Limited, Dagenham, Essex, England. Manufacture of diamidines. 2,375,740; May 8.

Barber, Harry J., Gidea Park, Romford, and A. D. H. Self. Hornchurch, assignors to May & Baker Limited, Dagenham, England. Production of amidines. 2,375,611; May 8.

Barber, Hastings A.: *See*—
Hart, H. T., Barber, and Burbeck.

Barber, Howard B., assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Switch actuating handle for vacuum cleaners. 2,369,519; Feb. 13.

Barber, Howard M., Pawcatuck, Conn., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Printing plate clamp. 2,369,423; Feb. 13.

Barber, Howard M., Pawcatuck, Conn., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Inking mechanism for rotary printing presses. 2,377,662; June 5.

Barber, Howard M., Pawcatuck, Conn., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Inking mechanism for rotary printing presses. 2,377,663; June 5.

Barber, Jesse R., Lavinia, Iowa. Hay and shock loader. 2,373,804; Apr. 17.

Barber, Theodore C., Seattle, Wash. Training equipment for airplane pilots. 2,373,653; Apr. 17.

Barber, Theodore C., Seattle, Wash. Mounting for interchangeable sticks and wheels. 2,385,184; Sept. 18.

Barber, Theodore C., Burbank, Calif. Air scoop for airplane engines. 2,388,028; Oct. 30.

Barbieri, Cesare, New York, N. Y., assignor to Dixie Cup Company. Making containers. 2,367,749; Jan. 23.

Barbieri, Cesare, New York, N. Y., assignor to Dixie Cup Company. Cover for paper containers. 2,383,760; Aug. 28.

Barbieri, Nicholas, Providence, R. I., assignor to Uncas Manufacturing Company. Surface ornamentation for thermal plastic articles. 2,368,085; Jan. 30.

Barbour, Fenner S.: *See*—
Worthen, E. P., Barbour, and Putnam.

Barbre, Charles O., Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. Purification of solvents. 2,375,460; May 8.

Barch, William E.: *See*—
Stokes, W. E., and Barch.

Barclay, Spencer H., Arlington, N. J. Sound distributor. 2,387,974; Oct. 30.

Bard-Parker Company, Inc.: *See*—
Arden, Thomas R., assignor.

Bard, Rochester: *See*—
Boor, Francis H., assignor.

Bardega, Joseph, Detroit, Mich. Universal rotary drive lock. 2,389,886; Nov. 27.

Barden, Clifford, Lisle, N. Y. Rearview device. 2,375,887; May 15.

Bardet, Gerard, Paris, France; vested in the Alien Property Custodian. Device for feeding machines for packing tubular products. 2,376,651; May 22.

Bardons and Oliver, Inc.: *See*—
Kylin, Oskar, assignor.
Kylin, O., H. O., and Valentino, assignors.

Bardwell, Cecil: *See*—
Dircksen, A. D., Bardwell, and Rose.

Bardwell & McAlister: *See*—
Rose, J. C., and Stankey, assignors.

Bardwell & McAlister, Inc.: *See*—
Dircksen, A. D., Bardwell, and Rose, assignors.
Rose, Jess C., assignor.

Bare, Martin K., assignor to Armstrong Cork Company, Lancaster, Pa. Mastic tile. 2,378,377; June 19.

Bareiss, Max, Livingston, assignor to Tung-Sol Lamp Works, Inc., Newark, N. J. Thermionic tube and anode plate therefor. 2,387,238; Oct. 23.

Barensfield, Paul L., Cleveland, Ohio, assignor to The American Steel and Wire Company. Plate and preparing the same for offset printing. 2,374,070; Apr. 17.

Barényl, Béla, Vaihingen-Rohr A. D. F., and K. Wilfert, Sindelfingen, Germany; vested in the Alien Property Custodian. Resiliently articulated vehicle frame and wheel suspension. 2,374,911. May 1.

Bares, Frank: *See*—
Troendly, H. P., and Bares.

Bargans, Walter A.: *See*—
Buchholz, A. R., and Bargans.

Barge, Raymond H., Mineola, N. Y., assignor to Pittsburgh Equitable Meter Company, Homewood, Pittsburgh, Pa. Fluid meter. 2,389,125; Nov. 20.

Bargen, William J., Waukegan, Ill. Typewriter desk. 2,369,127; Feb. 13.

Barghausen, Lawrence R., Alexandria, Va. Identification means for documents. 2,374,723; May 1.

Bargmeyer, Ernest G.: *See*—
Keene, K. L., and Bargmeyer.

Barish, Thomas: *See*—
Hoover, V. A., and Barish.

Barker, Edgar, Toronto, Ontario, Canada. Machine for machining arcuate surfaces. 2,379,870; July 10.

Barker, Fred H., Los Angeles, Calif. Making a food product. 2,373,805; Apr. 17.

Barker, Harry H., Irwin, and L. R. Hill, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Semiconducting composition. 2,377,600; June 5.

Barker, Orrin W.: *See*—
Armitage, J. B., and Barker.
Armitage, J. B., Barker, Riedel, and Boehmer.

Barker, Percy E., Pepper Pike Village, Ohio. Valve control for internal-combustion engines. 2,391,380; Dec. 25.

Barker Poultry Equipment Company: *See*—
Franz, Chester B., assignor.

Barker, Ralph, San Francisco, Calif. Electric toaster. 2,368,440; Jan. 30.

Barker, Seth S., Ottumwa, Iowa. Method of and apparatus for defeathering fowls. 2,389,404; Nov. 20.

Barker, Stuart N., G. S. Selman, and V. G. Bull, Hythe, V. C. E. Marten-Gwilliam, Barton-on-Sea, England, R. Wark, Irvine, and T. Thomson, Kilmarnock, Scotland, assignors to The British Power Boat Company Limited, Hythe, Southampton, and Imperial Chemical Industries Limited, London, England. Torpedo launching mechanism. 2,390,635; Dec. 11.

Barker, William T., Mount Vernon, N. Y. Ampoule filling machine. 2,367,085; Jan. 9.

Barker, William T., Mount Vernon, N. Y. Ampoule filling and conveying machine. 2,383,700; Aug. 28.

Barksdale, John D., Oildale, assignor of one-half to J. J. Shirkey, Van Nuys, Calif. Laundry vehicle. 2,384,873; Sept. 18.

Barlow, George A., Wilmington, Del. Automatic spray machine. 2,369,424; Feb. 13.

Barlow & Seelig Manufacturing Company: *See*—
Cammack, Clifton C., assignor.

Barlow, Sidney D., Bronx, N. Y. Dispensing container. 2,376,222; May 15.

Barlow, William H., assignor to Scoville Manufacturing Company, Waterbury, Conn. Composite metal coupling member. 2,368,709; Feb. 6.

Barlow, William H., Waterbury, Conn., assignor by mesne assignments, to Camloc Fastener Corporation, New York, N. Y. Fastening device. 2,378,122; June 12.

Barlow, William H., Waterbury, Conn., assignor to Scovill Manufacturing Company. Stud member for quick detachable fastening devices. 2,391,288; Dec. 18.

Barmack, Boris J., Chicago, Ill. Guide for applying insulation to conductors. 2,372,645; Apr. 3.

Barmmer, William L.: *See*—
Bacon, D. L., Caldwell, and Barmmer.

Barna, Andrew, Chicago, Ill. Underwater torch. Re. 22,610; Mar. 6.

Barna, Joseph W., assignor of one-third to C. A. Laystrom, one-third to V. E. Hoffman, and one-third to M. T. Barna, Chicago, Ill. Shoe and making same. 2,390,042; Dec. 4.

Barna, Mary T., et al.: *See*—
Barna, Joseph W., assignor.

Barnard, Kenneth H., Short Hills, N. J., and Boris Frankfurt, New York, N. Y., assignors to Pacific Mills, Boston, Mass. Textile treatment. 2,390,235; Dec. 4.

Barnby, Herbert A., and J. Hohl, Toledo, Ohio, assignor to Owens-Illinois Glass Company. Conveying mechanism. 2,372,646; Apr. 3.

Barnby, Herbert A., and J. Hohl, Toledo, Ohio, assignors to Owens-Illinois Glass Company. Jar feeding mechanism. 2,387,211; Oct. 16.

Barner, Louis L., Endicott, N. Y., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe sewing machine. 2,383,530; Aug. 28.

Barnes, Allen L., Melrose Park, Ill. Phonograph record repeater. 2,369,938; Feb. 20.

Barnes, Allen L., Melrose Park, Ill. Phonograph record repeater. 2,379,560; July 3.

Barnes, Carl E., Worcester, Mass., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymerizing unsaturated methylene compounds. 2,369,520; Feb. 13.

Barnes, Charles H.: *See*—
Baker, B., and Barnes.

Barnes, Charles H., Glendale, assignor to Lane-Wells Company, Los Angeles, Calif. Formation packer. 2,370,929; Mar. 6.

Barnes, Charles H., Glendale, assignor to Lane-Wells Company, Los Angeles, Calif. Double seal packer. 2,387,003; Oct. 16.

Barnes Drill Co.: *See*—
Caldwell, Harry J., assignor.
Caldwell, H. J., and Seborg, assignors.
Johnson, Albert M., assignor.
Olsen, Joseph O., assignor.
Seborg, Earnest Y., assignor.

Barnes, Edwin, Marshall, Tex. Work holding device. Re. 22,641; May 15.

Barnes, Eugene L., and H. A. Brenner, Buffalo, N. Y. Refrigerating apparatus. 2,373,806; Apr. 17.

Barnes, Fern A., et al: *See*—
Tyzzer, Howard J., assignor.

Barnes, George W., Jr., Clifton Heights, assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring instrument. 2,368,912; Feb. 6.

Barnes, Gilbert C., Manchester, assignor to United Aircraft Corporation, East Hartford, Conn. Manufacturing heat radiators. 2,368,403; Jan. 30.

Barnes, Glee H.: *See*—
Lease, John F., assignor.

Barnes, Harold E., et al.: *See*—
Tyzzer, Howard J., assignor.

Barnes, James C., White Plains, assignor to Press Association, Inc., New York, N. Y. Picture transmission system. 2,369,206; Feb. 13.

Barnes, James F., trustee: *See*—
Heckman, John A., assignor.
Rebholz, Elmer F., assignor.

Barnes & Jones, Incorporated: *See*—
Smith, Walter W., assignor.

Barnes, Julian L.: *See*—
Patterson, W. S., and Barnes.

Barnes, Leslie W.: *See*—
Lewis, A. J., and Barnes.

Barnes, Marion W., assignor to Universal Oil Products Company, Chicago, Ill. Heating of fluids. 2,374,707; May 1.

Barnes Motor Developments Company: *See*—
Barnes, William B., assignor.

Barnes, Ross J., assignor to The T. L. Smith Company, Milwaukee, Wis. Charging hopper mounting for truck type concrete mixers. 2,374,912; May 1.

Barnes, William B., assignor to Barnes Motor Developments Company, Muncie, Ind. Planetary transmission. 2,388,204; Oct. 30.

Barnes, William S., Tucson, Ariz. Solar water still. 2,383,234; Aug. 21.

Barnett, Charles A., Shaker Heights, assignor to The Foundry Equipment Company, Cleveland, Ohio. Method of and apparatus for conditioning molds and the like. 2,385,962; Oct. 2.

Barnett, Harold M., Long Beach, Calif. Concentrating carotene. Re. 22,629; Apr. 17.

Barnett, Harry, Glencoe, assignor to The Powers Regulator Company, Chicago, Ill. Thermostatic mixer. 2,382,283; Aug. 14.

Barnett, Henry J.: *See*—
Pertile, A. D., and Barnett.

Barnett, Louis, Brooklyn, assignor to National Urn Bag Company, Inc., Long Island City, N. Y. Infusion package manufacture. 2,390,071; Dec. 4.

Barney, Harold L., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric wave circuits. 2,370,221; Feb. 27.

Barnhart, George E., Pasadena, Calif. Gun control apparatus. 2,373,990; Apr. 17.

Barnhart, George E., Pasadena, Calif. Manufacturing tubes. 2,391,766; Dec. 25.

Barnhart, Robert M., San Gabriel, J. C. Bennett, Pasadena, and P. M. Heinmiller, assignor to Utility Trailer Manufacturing Company, Los Angeles, Calif. Drop leg support for trailers. 2,374,320; Apr. 24.

Barnsteiner, Alfons, Mansfield, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Heating apparatus. 2,387,734; Oct. 30.

Barnsteiner, Alfons, and E. E. Sutherland, Mansfield, Ohio, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Heating apparatus. 2,386,776; Oct. 16.

Barnum, Emmett R.: *See*—
Zublin, E. W., Barnum, and White.

Barnum, Emmett R., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Anticorrosive. 2,369,640; Feb. 20.

Barnum, Emmett R., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Corrosion protection of metals. 2,369,641; Feb. 20.

Barnum, Emmett R., Berkeley, and E. W. Zublin, Sausalito, assignors to Shell Development Company, San Francisco, Calif. Anticorrosive. 2,371,142; Mar. 13.

Barnum, Emmett R., Berkeley, and E. W. Zublin, Sausalito, assignors to Shell Development Company, San Francisco, Calif. Corrosion protection of metals. 2,371,143; Mar. 13.

Barnum, Leon N., C. A. Donnelly, and R. L. Maple, assignors to The National Cash Register Company, Dayton, Ohio. Mechanical device. 2,386,834; Oct. 16.

Barol, Hugo, et al.: *See*—
Forst, Harry S., assignor.

Baron, Harold K.: *See*—
Kasen, Daniel, assignor.

Barone, Anthony, New York, N. Y. Seam system for ventilating garments. 2,385,124; Sept. 18.

Barr, Courtland H., Glenolden, assignor to Sharp & Dohme, Incorporated, Philadelphia, Pa. Container. 2,372,181; Mar. 27.

Barr, Courtland H., Glenolden, assignor to Sharp & Dohme, Incorporated, Philadelphia, Pa. Container. 2,372,182; Mar. 27.

Barr, Courtland H., Glenolden, assignor to Sharp & Dohme, Incorporated, Philadelphia, Pa. Container. 2,372,352; Mar. 27.

Barr, Frank T., Summit, N. J., assignor, by mesne assignments, to Standard Catalytic Company. Hydrocarbon synthesis reaction. 2,384,874; Sept. 18.

Barr, Harry, Ironwood, Mich. Automatic fish lock. 2,381,100; Aug. 7.

Barr, Harry F., assignor to General Motors Corporation, Detroit, Mich. Cylinder bore lubrication. 2,375,612; May 8.

Barr, Oscar, Los Angeles, Calif. Lock nut. 2,374,266; Apr. 24.

Barr, Russell L., Elmira, N. Y. Brake mechanism. 2,387,711; Oct. 30.

Barr & Stroud, Limited: *See*—
MacGill, Charles D., assignor.

Barr and Stroud, Limited: *See*—
French, James W., assignor.
Macgill, Charles D., assignor.

Barraja-Frauenfelder, Joseph, Upper Montclair, and O. G. Schrom, Montclair, N. J., assignors to American Locomotive Company, New York, N. Y. Piston. 2,372,050; Mar. 20.

Barrans, William T., Towson, and E. E. Bayor, Baltimore, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Apparatus for removing coverings from elongated articles. 2,376,858; May 29.

Barrans, William T., and V. S. Martin, Towson, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Apparatus for making retractile cords. 2,390,769; Dec. 11.

Barras, Herbert, Baldwin, La. Piling and loading machine. 2,375,205; May 8.

Barrel Fitting & Seal Corporation: *See*—
Schwartz, Morris, assignor.

Barrera, Salvatore, Brooklyn, N. Y. Radii tool and dresser. 2,390,914; Dec. 11.

Barrett, Charles G., Alexandria, Va., assignor to himself and E. C. Magdeburger, as Trustees. Inlet and exhaust connections for internal-combustion engines. 2,390,913; Dec. 11.

Barrett, Edward R., assignor to Gar Wood Industries, Inc., Detroit, Mich. Industrial truck. 2,366,378; Jan. 2.

Barrett, Floyd B.: *See*—
Hallows, R. L., and Barrett.

Barrett, Gerald R., Winchester, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Lacquer and like coating composition. 2,371,866; Mar. 20.

Barrett, Gerald R., Winchester, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Nitrocellulose lacquer compositions. 2,385,125; Sept. 18.

Barrett, Harold G.: *See*—
Reynolds, M., and Barrett.

Barrett, Jesse T., Eudora, Ark. Composition shingle. 2,376,024; May 15.

Barrett, John P.: *See*—
Ralston, A. W., Barrett, and McCorkle.

Barries, Richard, Susanville, Calif. Trailer. 2,384,591; Sept. 11.

Barrington, Edward W. J.: *See*—
Robinson, E. E., and Barrington.

Barrington, Robert R., Luton, England, assignor to General Motors Corporation, Detroit, Mich. Electrical resistance element. 2,371,211; Mar. 13.

Barro & Stroud, Limited: *See*—
Macgill, Charles D., assignor.

Barron-Gray Packing Company: *See*—
Erickson, A. M., and Ryan, assignors.

Barron, John T., Boston, Mass., assignor to Kinney Manufacturing Company, Jamaica Plain, Mass. Clutch. 2,380,571; July 31.

Barron, John T., Boston, assignor to Kinney Manufacturing Company, Jamaica Plain, Mass. Disengageable slip clutch. 2,380,572; July 31.

Barron, Joseph M., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Combination catalytic and thermal cracking. 2,379,471; July 3.

Barrow, John T.: *See*—
Carter, L., and Barrow.

Barrows, Alford C.: *See*—
Langford, G. W., Barrows, and Haidler.

Barrows, Clara M., executrix: *See*—
Barrows, Walter A.

Barrows, Walter A., deceased, Belvidere; C. M. Barrows, executrix, assignor to T. E. Decker, Rockford, Ill. Trap. 2,370,516; Feb. 27.

Barrows, William A., Hamilton County, Ohio. Porcelain enameled panel mounting. 2,379,269; June 26.

Barry, Joseph F., Brooklyn, N. Y., and M. A. Logan, Summit, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric cable. 2,375,272; May 8.

Barry, Robert J., Young, Saskatchewan, Canada. Draft reducing air distributor for boats. 2,378,822; June 19.

Barry, Robert L., Downers Grove, assignor to Goodman Manufacturing Company, Chicago, Ill. Taping armature coils. 2,367,086; Jan. 9.

Barry-Wehmiller Machinery Company: *See*—
Herold, J. L., and Wehmiller, assignors.

Barsky, George, New York, N. Y., assignor to Wecoline Products, Inc., Boonton, N. J. Safety glass composition. 2,386,534; Oct. 9.

Barsness, Carl A.: *See*—
Jenson, Jens H., assignor.

Barta, Frank A., Palos Heights, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Filament-treating system. 2,388,945; Nov. 13.

Bartel, Alex., Cincinnati, Ohio. Fireproofing grease ducts. 2,367,918; Jan. 23.

Bartells, E. J., Company, The: *See*—
Abrams, O. A., and Schubert, assignors.

Bartels, Arnold H., Fort Wayne, Ind., assignor to Farnsworth Television and Radio Corporation. Frequency comparison apparatus. 2,389,948; Nov. 27.

Bartels, Charles R.: *See*—
Sherman, L. R., and Bartels.

Bartgis Bros. Company, The: *See*—
Lupton, Elmer H., assignor.

Barth, August, Chicago, Ill., assignor to Danbar Packing Company. Canning Swiss steaks. 2,366,169; Jan. 2.

Barth, Edwin J.: *See*—
Davis, G. D., and Barth.

Barth, Elmer J.: *See*—
Peterson, C. D., and Barth.

Barth, Elmer J., and E. W. Zingsheim, assignors to Spicer Manufacturing Corporation, Toledo, Ohio. Dual steering control. 2,369,936; Feb. 20.

Barth, Gustav, Berlin, Germany; vested in the Alien Property Custodian. Measuring magnetic fields. 2,390,051; Dec. 4.

Barth, Robert H.; *See*—
Dougherty, G., and Barth.

Barth, Robert H., Ridgewood, and H. Burrell, Paramus, N. J., assignors, by mesne assignments, to Heyden Chemical Corporation. Plasticised compositions. 2,381,247; Aug. 7.

Barthel William F., College Park Md., and H. L. J. Haller, Washington, D C., assignors to United States of America as represented by Claude R. Wickard, Secretary of Agriculture, and his successors in office. Purification of pyrethum extract. 2,372,183; Mar. 27.

Barthen, Charles L., Manhasset, N. Y., J. B. Peterson, Summit, N. J., and L. A. McClintock, Worcester, Mass., assignors to White Laboratories, Inc., Newark, N. J. Treatment of pharmaceuticals. 2,386,157; Oct. 2.

Bartho, John C., Flushing, assignor of one-half to A. Tellier, New York, N. Y. Cylinder lock. 2,370,708; Mar. 6.

Bartholomäus, Erich: *See*—
Bockmühl, M., Schaumann, Bartholomäus, and Leditschke.

Bartholomew, Edward L., Marblehead, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Blade for tanning machinery. 2,371,600; Mar. 20.

Bartholomew, Howard W., Pottstown, Pa., assignor to Doehler Die Casting Company, Toledo, Ohio. Die for die-casting. 2,366,475; Jan. 2.

Bartholomew, Orlo A., Atlantic City, N. J. Jetty and making the same. 2,385,601; Sept. 25.

Bartholomew, Robert J., assignor to Fletcher Works, Incorporated, Philadelphia, Pa. Lay motion for looms. 2,381,028; Aug. 7.

Bartlett, C. O., & Snow Company, The: *See*—
Smith, Benjamin A., assignor.

Bartlett, Edward P., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of acids. 2,391,219; Dec. 18.

Bartlett, F. A., Tree Expert Company: *See*—
Strout, Leeman F., assignor.

Bartley, John S.: *See*—
Stewart, R. J., and Bartley.

Bartoe, Willard F., Hulmeville, and W. R. Speck, Langhorne, assignors to Röhm & Haas Company, Philadelphia, Pa. Production of thermoplastic sheets of non-uniform thickness. 2,385,486; Sept. 25.

Barton, Benjamin D., and A. P. Adney, assignors to American-Marsh Pumps, Inc., Battle Creek, Mich. Fire engine pump assembly. 2,372,308; Mar. 27.

Barton, Derek H. R.: *See*—
Mugdan, M., and Barton.

Barton, J. Frank, Hamburg, N. Y. Material feeding apparatus. 2,370,709; Mar. 6.

Barton, Louis E., Windsor, Conn. Lead pigments and making same. 2,376,895; May 29.

Barton, Louis E., Windsor, Conn. Lead silicate pigments and making same. 2,379,270; June 26.

Barton, Louis E., Windsor, Conn. Lead pigments and making same. 2,383,284; Aug. 21.

Barton, Louis E., Windsor, Conn. Pigments and paints and making same. 2,391,118; Dec. 18.

Barton, Loy E., Collingswood, N. J., assignor, by mesne assignments, to Philco Radio and Television Corporation, Philadelphia, Pa. Amplifier circuit. 2,374,071; Apr. 17.

Barton, Paul D., Phoenixville, and P. F. Dougherty, Chester, assignors to Sun Oil Company, Philadelphia, Pa. Producing petroleum. 2,390,770; Dec. 11.

Barton, Robert P., Escalon, Calif. Beak trimming device for poultry. 2,384,875; Sept. 18.

Barton, William A.: *See*—
Lane, H., and Barton.

Bartow Beacons, Inc.: *See*—
Bartow, John B., assignor.

Bartow, John B., Blue Bell, assignor to Bartow Beacons, Inc., Philadelphia, Pa. Light-restricting device. 2,378,823; June 19.

Bartow, John B., Blue Bell, Pa., assignor to Bartow Beacons, Inc., Philadelphia, Pa. Light restricting device. 2,385,755; Sept. 25.

Bartram, Thomas W., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Thermoplastic products derived from rubbers. 2,384,876; Sept. 18.

Bartsch, Herbert E., Chicago, Ill., assignor to Universal Railway Devices Company. Reticulated metal structure. 2,369,128; Feb. 13.

Bartsch, William K. M., Kansas City, Mo. Flying machine. 2,372,926; Apr. 3.

Barwood, Victor H.: *See*—
Greenleaf, Richard J., II, assignor.

Bascom, Henry M., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Elapsed time indicator. 2,366,476; Jan. 2.

Bascom, Henry M., New York, M. C. Goddard, Garden City, N. Y., and J. G. Walsh, Newark, N J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,372,353; Mar. 27.

Bascom, Roger C., Port Clinton, Ohio, assignor to The Standard Products Company, Detroit, Mich. Gasket material. 2,381,248; Aug. 7.

Basebe, Arthur C., Banstead, assignor to Hydraulic Coupling Patents Limited, Isleworth, England. Hydraulic coupling and brake. 2,370,438; Feb. 27.

Baselt, Walter H., Tucson, Ariz., and J. E. Flesch, assignors to American Steel Foundries, Chicago, Ill. Car truck. 2,366,691; Jan. 9.

Baselt, Walter H., Tucson, Ariz., and J. E. Flesch, assignors to American Steel Foundries, Chicago, Ill. Car truck. 2,375,206; May 8.

Basic Refractories, Inc.: *See*—
Lee, H. C., Lee, and Schoenlaub, assignors.

Basile, Salvatore, Bloomfield, Conn. Ship salvaging barge. 2,384,271; Sept. 4.

Basky, Matthew F., Ottawa, Ill. Hair curler. 2,387,822; Oct. 30.

Basquin, Olin H., Evanston, assignor to Streeter-Amet Company, Chicago, Ill. Locking device. 2,371,121; Mar. 6.

Basquin, Olin H., Evanston, assignor to Streeter-Amet Company, Chicago, Ill. Testing device. 2,375,209; May 8.

Bass, Lyman C., Lake Grove, Oreg. Weldrod holder and ejector. 2,383,951; Sept. 4.

Bass, Shailer L.: *See*—
Lawrence, A. A., and Bass.

Bass, Shailer L., and L. A. Rauner, Midland, and P. H. Lipke, Jr., Bay City, assignors to The Dow Chemical Company, Midland, Mich. Stabilizing cellulose ethers. 2,383,361; Aug. 21.

Bass, Shailer L., R. M. Upright, and F. L. Dennett, assignors to The Dow Chemical Company, Midland, Mich. Insolubilization of water-soluble cellulose ethers. 2,370,517; Feb. 27.

Bassett, Merton O.: *See*—
Sweet, A. L., and Bassett.

Bassett, Merton O., Schenectady, N. Y., assignor to General Electric Company. Control device. 2,376,652; May 22.

Bassett, William H., Jr., Scarsdale, and C. J. Snyder, Hastings-on-Hudson, N. Y., assignors to Anaconda Wire and Cable Company. Lead base alloy and cable sheath composed thereof. 2,375,755; May 15.

Bassetti, Joseph: *See*—
Mendles, Theodore R., assignor.

Bassford, H. E.: *See*—
Sayler, William H., assignor.

Bassford, Henry H., Jr.: *See*—
Gardner, W. H., and Bassford.

Bassford, Henry H., Jr., Brooklyn, assignor to U. S. Shellac Importers Association, Inc., New York, N. Y. Preparing neutral shellac salts. 2,386,421; Oct. 9.

Bassford, Henry H., Jr., Brooklyn, assignor to U. S. Shellac Importers Association, Inc., New York, N. Y. Modified shellac product and making same. 2,387,049; Oct. 16.

Bassford, Henry H., Jr., Brooklyn, and W. H. Gardner, Bayside, N. Y. Shellac modified with primary aliphatic polyamines. 2,371,212; Mar. 13.

Bassick, Christine N., et al.: *See*—
Kendall, George H., assignor.

Bassick Company, The: *See*—
Claud-Mantle, Arthur, assignor.
Herold, Walter F., assignor.

Bassick, E. W., et al.: *See*—
Kendall, George H., assignor.

Bassick, E. W., Jr., et al.: *See*—
Kendall, George H., assignor.

Bassick, Grace M., et al.: *See*—
Kendall, George H., assignor.

Bassick, Marshall M., et al.: *See*—
Kendall, George H., assignor.

Bassick, Paulina M., et al.: *See*—
Kendall, George H., assignor.

Bassist, Ellis: *See*—
Toland, W. C., and Bassist.

Bassist, Ellis, assignor to W. C. Toland, trustee, Brookline, Mass. Preparing printing plates. 2,373,287; Apr. 10.

Bassler, Edward F., Lake Stevens, Wash. Automatic feeder for lumber grading tables. 2,374,659; May 1.

Basta, Joseph, Westbury, N. Y. Drill guide for template drilling. 2,370,770; Mar. 6.

Baster, Forest S., assignor to The White Motor Company, Cleveland, Ohio. Carburetor intake air heater. 2,369,937; Feb. 20.

Bastian, Arthur J., East Orange, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Bearing assembly. 2,381,249; Aug. 7.

Bastian Blessing Co., The: *See*—
Buttner, William C., assignor.
Evarts, Ralph E., assignor.
Johnson, William B., assignor.
Wigton, Matt H., assignor.

Bastinnsen, Otto, Woodhaven, assignor of forty percent to A. Katz, Flushing, N. Y. Curtain rod. 2,374,575; Apr. 24.

Baston, Cyril E., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Locomotive control system. 2,369,997; Feb. 20.

Baston, Cyril E., Irwin, and L. J. Hibbard, Forest Hills, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Locomotive control system. 2,367,919; Jan. 23.

Batchelder, Dean E., assignor to Lane-Wells Company, Los Angeles, Calif. Setting tool for bridging plugs. 2,382,770; Aug. 14.

Batchelder, George W., Mantua, R. L. Featherer, Wenonah, and J. E. Hughes, Bridgeport, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Apparatus for the treatment of waste acid. 2,366,309; Jan. 2.

Batchelder, Howard R.: *See*—
Hall, E. L., and Batchelder.

Batchelder, Howard R., Drexel Hill, Pa., assignor to The United Gas Improvement Company. Separation of hydrocarbon emulsions. 2,383,362; Aug. 21.

Batchelder, Howard R., Drexel Hill, Pa., assignor to The United Gas Improvement Company. Chemical process. 2,383,363; Aug. 21.

Batchelder, Laurence, Cambridge, assignor to Submarine Signal Company, Boston, Mass. Compressional wave transmitting and receiving apparatus. 2,380,931; Aug. 7.

Batchell, George W., Toledo, Ohio. Apparatus for forming batch bodies. 2,371,213; Mar. 13.

Batcheller, Clements, Glens Falls, N. Y. Alloy steel printing plate. 2,375,210; May 8.

Batcheller, Clements, Glens Falls, N. Y. Producing designs on stainless steel. 2,375,613; May 8.

Batchelor, John C.: *See*—
Treuhaft, Milton A., assignor.

Batelle Memorial Institute: *See*—
Clark, A., and Shutt, assignors.

Bateman, James R., Hatfield, England. Adjustable holder for electric lamps and the like purposes. 2,389,340; Nov. 20.

Bateman, Ralph C., assignor to Wingfoot Corporation, Akron, Ohio. Tire building apparatus. 2,369,998; Feb. 20.

Bates, C. J., & Son: *See*—
Moncrieff, R. W., and Bates.
Silliman, Louis A., assignor.

Bates, Clifford V., Chicago, Ill. Lighting fixture. 2,388,029; Oct. 30.

Bates, Ernest F., London, England. Electric signaling system. 2,367,258; Jan. 16.

Bates, Ernest F., assignor to Standard Telephones and Cables Limited, London, England. Fire alarm apparatus. 2,369,521; Feb. 13.

Bates, Harold: *See*—
Moncrieff, R. W., and Bates.

Bates, John R., Swarthmore, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Catalysis. 2,375,756; May 15.

Bates, John R., Swarthmore, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Regulation of catalytic activity. 2,375,757; May 15.

Bates, John R., Swarthmore, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Control of heat transfer salts. 2,375,758; May 15.

Bates, John R., Swarthmore, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Treatment of alkali metal salts. 2,375,761; May 15.

Bates, John R., Swarthmore, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Catalysis. 2,378,904; June 26.
Bates, John R., Swarthmore, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Catalysis. 2,378,905; June 26.
Bates, John R., Swarthmore, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Residual hydrocarbon treatment. 2,380,391; July 31.
Bates, Lawrence G., Shaker Heights, Ohio. Liquid dispensing means. 2,387,699; Oct. 23.
Bates, Leon W., Trenton, N. J., assignor to American Machine and Foundry Company. Pin setting mechanism for bowling alleys. 2,388,708; Nov. 13.
Bates, Mark C., Chicago, Ill. Control method and apparatus. 2,366,170; Jan. 2.
Bates, Mortimer F., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Object controlling means. 2,368,628; Feb. 6.
Bates, Mortimer F., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Gyro-magnetic compass. 2,380,932; Aug. 7.
Bates, Mortimer F., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Computing sight for gliding torpedos. 2,383,952; Sept. 4.
Bates, Raymond H., Waterbury, Conn. Lifting tongs. 2,385,049; Sept. 18.
Bath, Wilmer H.: *See*—
Jones, L. D., and Bath.
Bath, Wilmer H., West Conshohocken, assignor to The Sharples Corporation, Philadelphia, Pa. Centrifugal separator. 2,380,014; July 10.
Batho, William F., assignor to Enterprise Railway Equipment Company, Chicago, Ill. Railway dump car door operating mechanism. 2,371,277; Mar. 13.
Bathurst, Cecil H., Merriam, Kans. Airplane construction. 2,388,380; Nov. 6.
Batorski, Edward J.: *See*—
Merrill, G. L., Carlin, and Batorski.
Battelle Development Corporation: *See*—
Sullivan, J. D., and Pavlish.
Battelle Memorial Institute: *See*—
Austin, C. R., and Sullivan, assignors.
Clark, A., and Shutt, assignors.
Faust, Charles L., assignor.
Jackson, Lloyd R., assignor.
Jackson, L. R., and Stewart, assignors.
Lorig, Clarence H., assignor.
Sherman, Ralph A., assignor.
Shutt, Richard S., assignor.
Batten, Otho S., Pikeville, Ky. Supporting the roofs or walls of underground workings. 2,371,789; Mar. 20.
Batten, Percy H., et al.: *See*—
Lysholm, Alf, assignor.
Batten, Percy H., et al., trustees: *See*—
Lysholm, Alf, assignor.
Batterson, Ernest W., assignor to Shakespeare Products Company, Kalamazoo, Mich. Control device. 2,373,739; Apr. 17.
Batterson, Ernest W., and E. A. Midling, assignor to Shakespeare Products Company, Kalamazoo, Mich. Motion take-up for control cables. 2,369,332; Feb. 13.
Batterson, Ernest W., and E. A. Midling, assignors to Shakespeare Products Company, Kalamazoo, Mich. Heavy-duty control cable. 2,380,015; July 10.
Batting, John G. G., Westport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Vertical-axis rotary loop-takers for sewing machines 2,370,930; Mar. 6.
Batty, John W., and D. A. W. Fairweather, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Manufacture of vat dyes from bis-(9 :9'-anthronylidene)-ethane. 2,385,185; Sept. 18.
Baucom, John C.: *See*—
Dunn, E. M., and Baucom.
Bauer A. G.: *See*—
Schori, Fritz, assignor.
Bauer, Andrew, Jr.: *See*—
Whewell, R., and Bauer.
Bauer, Benjamin B., assignor to S. N. Shure and F. Shure, as trustee, doing business as Shure Brothers, Chicago, Ill. Translating device. 2,381,861; Aug. 14.
Bauer, Charles A., Newburg, Ind. Hydraulic brake. 2,368,103; Jan. 30.
Bauer, Charles A., Newburg, assignor to Hoosier Cardinal Corporation, Evansville, Ind. Molded article. 2,376,305; May 15.
Bauer, Eddie: *See*—
Smith, Chesley A., assignor.
Bauer, Ernest K., Meadville, Pa., assignor to American Viscose Corporation, Wilmington, Del. Apparatus for the liquid treatment of yarn and the like. 2,369,769; Feb. 20.
Bauer, Hans F., Chicago, Ill., assignor, by mesne assignments, to Stein, Hall & Co., Inc. Amylaceous adhesive composition. 2,378,378; June 19.
Bauer, Henry R., and W. A. Bogg, Fairfield, Conn.; said Bogg assignor to said Bauer. Multiple cigarette or the like. 2,389,104; Nov. 13.
Bauer, Norman T., Kenmore, assignor to Buffalo Forge Company, Buffalo, N. Y. Axial flow fan. 2,382,535; Aug. 14.
Bauer, Walter C.: *See*—
Briggs, S. W., and Bauer.
Briggs, S. W., Bauer, and Ewbank.
Bauer, William J., New York, assignor of fifty one hundredths to J. L. Dudley and fifty one hundredths to J. J. Moroney, Pleasantville, N. Y. Machine for automatically grinding thread gauges and the like. 2,380,286; July 10.
Bauersfeld, Walther, Jena, Germany; vested in the Alien Property Custodian. Apparatus for plotting maps from photographs. 2,387,555; Oct. 23.
Baugh, Everett L.: *See*—
Heivern, J. O., and Baugh.
Rike, R. C., and Baugh.
Baughman, George W., assignor to The Union Switch & Signal Company, Swissvale, Pa. Remote control system. 2,376,569; May 22.
Baughman, George W., assignor to The Union Switch & Signal Company, Swissvale, Pa. Remote control system. 2,379,674; July 3.
Baughman, George W., assignor to The Union Switch & Signal Company, Swissvale, Pa. Hot bearing alarm. 2,385,487; Sept. 25.
Baum, Francis P., Chicago, Ill. Indexing unit. 2,385,396; Sept. 25.
Bauman, William C.: *See*—
Grebe, J. J., and Bauman.
Grebe, J. J., Bauman and Robinson.
Baumann, Charles L., Jr., New York, N. Y. Electric engine control apparatus. 2,381,250; Aug. 7.
Baumann, Charles L., Jr., New York, N. Y. Control apparatus for engines. 2,382,847; Aug. 14.
Baumann, Henry N., Jr., and R. C. Benner, assignors to The Carborundum Company, Niagara Falls, N. Y. Aluminous material. 2,369,709; Feb. 20.
Baumann, Henry N., Jr., and C. E. Wooddell, assignors to The Carborundum Company, Niagara Falls, N. Y. Aluminous abrasive material. 2,383,035; Aug. 21.
Baumann, Roger C., West Memphis, Ark. Automatic coffee brewer or maker. 2,387,871; Oct. 30.
Baumann, Ross, Yuma, Ariz. Attachment for curtain rods. 2,378,970; June 26.
Baumbach, Emil A., River Forest, Ill. Dowel pin. 2,380,287; July 10.
Baumgardner, Versal F., Celina, Ohio. Material spreader. 2,378,825; June 19.
Baumgartner, Hans, Zurich, Switzerland. Electroacoustic transmission plant for reproduction in places with noise disturbances. 2,382,848; Aug. 14.
Baumgartner, Menno G., assignor to Tumath, Baumgartner and Block, Detroit, Mich. Skip bar for business machines. 2,375,888; May 15.
Baumgartner, Richard A., assignor to The Carborundum Company, Niagara Falls, N. Y. Making abrasive articles. 2,378,386; June 19.
Baunach, Roy J., assignor to The Swartzbaugh Manufacturing Company, Toledo, Ohio. Retracting cord reel. 2,387,556; Oct. 23.
Baur, Hugo J., and T. E. Kulo, assignors, by mesne assignments, to City National Bank and Trust Company of Chicago, Chicago, Ill., as trustee. Fare registering mechanism. 2,374,321; Apr. 24.
Baur, John W.: *See*—
Gustafsson, E., and Baur.
Willmes, W. L., Baur, and Gustafsson.
Bausch & Lomb Optical Company: *See*—
Aspenleiter, Joseph, assignor.
Aspenleiter, Joseph W., assignor.
Bahn, Carl E., assignor.
Bausch, William, assignor.
Bouchard, Samuel E., assignor.
Brandt, J. F., and Stegeman, assignors.
Ellestad, Gerhard A., assignor.
Ellestad, G. A., and Salmon, assignors.
Flint, Edward F., assignor.
Gallasch, George B., assignor.
Hall, Leigh B., assignor.
Jobe, Frederick W., assignor.
Jones, F. L., and Zak, assignors.
Keller, Robert D., assignor.
Kurtz, John C., assignor.
Rayton, W. B., and Hudson, assignors.
Sheldon, Gilbert J., assignor.
Smyth, George F., assignor.
Stegeman, Raymond F. E., assignor.
Street, Donald T., assignor.
Swope, Joe E., Jr., assignor
Trost, Henry W., assignor.
Turner, Arthur F., assignor.
Ullrich, Osmar A., Jr., assignor.
Wittig, Carl H. O., assignor.
Bausch, William, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Ocular tube. 2,381,101; Aug. 7.
Baush Machine Tool Company: *See*—
Phillips, Harry F., assignor.
Baxter, Benjamin, and S. M. Kandarian, Fowler, Calif. Pressure shock absorber for welding systems. 2,367,662; Jan. 23.
Baxter, Benjamin, and S. M. Kandarian, Fowler, Calif. Valve unit. 2,389,887; Nov. 27.
Baxter, Bruce L., administrator: *See*—
Baxter, William E.

Baxter, Clement T., Beverly, assignor to Sylvania Electric Products Inc., Salem, Mass. Electrical device. 2,385,340; Sept. 25.
Baxter, Don, Inc.: *See*—
Perry, Landis H., assignor.
Baxter, Ernest W., Bradford, Pa., assignor to Dresser Industries, Inc. Snap ring lock coupling. 2,369,770; Feb. 20.
Baxter, George, Marion, Kans. Variable pitch screw propeller. 2,383,440; Aug. 28.
Baxter, James G., and C. D. Robeson, assignors to Distillation Products, Inc., Rochester, N. Y. Preparation of tocopherols. 2,379,420; July 3.
Baxter Laboratories, Inc.: *See*—
Nesset, Naurice M., assignor.
Baxter, Thomas R., Plainfield, N. J., assignor to Standard Brands Incorporated, New York, N. Y. Package of liquid material and container therefor. 2,382,536; Aug. 14.
Baxter, Warren P.: *See*—
Cary, H. H., and Baxter.
Baxter, William C., assignor to Trimble Nurseryland Furniture, Inc., Rochester, N. Y. Infant's folding toilet seat. 2,382,953; Aug. 21.
Baxter, William E., deceased, Floyd County, Ind.; B. L. Baxter, administrator; said administrator assignor to himself, individually. Portable stove. 2,384,272; Sept. 4.
Bay Chemical Company, Inc.: *See*—
Comstock, Rock L., assignor.
Comstock, R. L., and Reeves, Jr., assignors
Bay State Optical Company: *See*—
Nerney, George E., assignor.
Bay, Thomas J., and M. R. Machol, Washington, D. C. Heat dissipating system for bearings. 2,391,670; Dec. 25.
Bayer, Clyde E., Steubenville, Ohio, and C. E. Carr, Marland Heights, W. Va., assignors to National Steel Corporation. Making deep drawing steel. 2,390,346; Dec. 4.
Bayer, Leo J., St. Louis, Mo. Boiler cleaner. 2,367,656; Jan. 23.
Bayes, Alfred L., Kenmore, N. Y., assignor to Carbide and Carbon Chemicals Corporation. Lubricant. 2,384,002; Sept. 4.
Bayles, Allison L., Larchmont, N. Y. Engine frame. 2,383,285; Aug. 21.
Bayles, Allison L., Larchmont, N. Y., assignor to Rogers Diesel and Aircraft Corporation, New York, N. Y. Piston. 2,390,915; Dec. 11.
Bayles, John R., Clay Center, Kans., assignor to Industrial Patents Corporation, Chicago, Ill. Egg washing machine. 2,371,867; Mar. 20.
Bayles, John W., Roker, Sunderland, assignor to A. Reyrolle & Company Limited, Hebburn-on-Tyne, England. Control of resistance welding machines. 3,277,601; June 5.
Bayless, James W., Los Angeles, Calif., assignor to Radio Corporation of America. Test method and system for variable gain amplifiers. 2,385,186; Sept. 18.
Bayley, Charles A. D., Montclair, N. J. Floating drydock. 2,375,762; May 15.
Bayley, Charles A. D., New York, N. Y. Floating dry dock. 2,385,341; Sept. 25.
Bayley, Elden D., Jr., Springfield, Ohio, assignor to The William Bayley Company. Protective coating. 2,366,477; Jan. 2.
Bayley, Warren V., Los Angeles, Calif. Correspondence portfolio. 2,390,864; Dec. 11.
Bayley, William, Company, The: *See*—
Bayley, Elden D., Jr., assignor.
Baylis, Albert H., North Irwin, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,367,920; Jan. 23.
Baylis, Henry E., Chicago, Ill. Golf bag. 2,368,095; Jan. 30.
Baylis, Robert N., Caldwell, assignor to Smokador Manufacturing Co., Inc., Bloomfield, N. J. Ash receiver. 2,380,377; July 31.
Baynes, Staunton, Woodford Green, assignor to Asea Electric Limited, London, England. Hoist, crane, lift, and the like lifting apparatus. 2,373,007; Apr. 3.
Bayor, Eaton E.: *See*—
Barrans, W. T., and Bayor.
Bazille, Cyrille A. A., Gennevilliers, France; vested in the Alien Property Custodian. Regulating the operation of gas producers. 2,369,522; Feb. 13.
Bazley, Carl E., Schenectady, N. Y., assignor to General Electric Company. Latch mechanism. 2,378,173; June 12.
Bazley, Ralph L., and W. E. De Voe, Detroit, Mich. Vertical turret machine tool. 2,389,019; Nov. 13.
Bazner, Eugene, Providence, R. I. Safety attaching means for ear and like ornaments. 2,389,481; Nov. 20.
Bazzoni, Lewis J., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Method and machine for attaching soles. 2,384,003; Sept. 4.
Beach, Frederick S., Plainfield, N. J., assignor to Foster Wheeler Corporation, New York, N. Y. Superheater. 2,368,629; Feb. 6.
Beach, Howard P., Jr., Washington, D. C., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Mooring buoy. 2,381,394; Aug. 7.
Beach, Justice H., Canton, assignor to The Hoover Company, North Canton, Ohio. Refrigeration. 2,371,214; Mar. 13.
Beach, Lennox F.: *See*—
Esval, O. E., Curry, Fragola, and Beach.
Purves, J. C., and Beach.
Swaney, M. W., and Beach.
Beach, Lennox F., Longmeadow, assignor to Purves Corporation, Springfield, Mass. Indicator for magnetic fields. 2,383,459; Aug. 28.
Beach, Lennox F., Merrick, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Gyromagnetic compass. 2,391,442; Dec. 25.
Beach, Lennox F., Merrick, N. Y., and J. C. Purves, assignors to The Purves Corporation, Springfield, Mass. Magnetic field responsive device. 2,374,166; Apr. 24.
Beach, Lennox F., Merrick, O. E. Esval, Huntington, and A. W. Lane, Freeport, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Gyro rotor and mounting structure. 2,382,967; Aug. 21.
Beach, Willard C., Montville, N. J. Lock nut and making same. 2,367,259; Jan. 16.
Bead Chain Manufacturing Company, The: *See*—
Blatz, Warren C., assignor.
Beadle, Warren E., Jr., administrator: *See*—
Thiele, W. F., and Beadle.
Beadle, Warren E., Sr.: *See*—
Thiele, W. F., and Beadle.
Beagles, Rufus J., Fort Pierce, Fla. Ignition lock and switch. 2,391,119; Dec. 18.
Beal, Carl L., Silver Lake, assignor to American Anode Inc., Akron, Ohio. Making rubber products. 2,373,529; Apr. 10.
Beal, Fay, assignor to H. A. Douglas Manufacturing Co., Bronson, Mich. Electrical connection means. 2,380,916; Aug. 7.
Beal, Fay, assignor to H. A. Douglas Mfg. Co., Bronson, Mich. Electrical connection means. 2,384,273; Sept. 4.
Beal, James F., assignor to The Bryant Electric Company, Bridgeport, Conn. Adapter for lamp holders. 2,372,051; Mar. 20.
Beal, James F., assignor to Bryant Electric Company, Bridgeport, Conn. Switch. 2,372,541; Mar. 27.
Beale, Charles E.: *See*—
Gillings, C., and Beale.
Beall, Charles R., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Speed governor. 2,388,946; Nov. 13.
Beall, Herbert W., Mishawaka, Ind. Glove. 2,373,940; Apr. 17.
Beam, James A., Mount Vernon, Ohio. Apparatus for marking egg-laying hens. 2,388,898; Nov. 13.
Beam, Vilynn O., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Burner control mechanism. 2,371,020; Mar. 6.
Beam, Vilynn O., and J. M. Wilson, assignors to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Burner control device. 2,379,871; July 10.
Bean, Arthur I.: *See*—
Miller, E. W., and Bean.
Bean, Calvin, Sykesville, Pa. License plate holder. 2,384,274; Sept. 4.
Bean, Donald O., assignor to Ring Balance Instrument Company, Chicago, Ill. Compensated measuring element. 2,379,874; July 10.
Bean, Frederic R., assignor to Eastman Kodak Company, Rochester, N. Y. Single-powder photographic developers. 2,384,592; Sept. 11.
Bean, Frederic R., assignor to Eastman Kodak Company, Rochester, N. Y. Antifoggant. 2,384,593; Sept. 11.
Bean, Frederic R., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic developer. 2,388,816; Nov. 13.
Bean, Frederic R., and T. S. Donovan, assignors to Eastman Kodak Company, Rochester, N. Y. Amination of dihydric phenols. 2,376,112; May 15.
Bean, Xarifa, Yellow Springs, Ohio. Plaster body and making. 2,391,855; Dec. 25.
Beane, Walter H., Klamath Falls, Oreg. Mechanical break down. 2,372,647; Apr. 3.
Bear, Grover C.: *See*—
Tiede, Arthur J., assignor.
Beard, Bert: *See*—
Olson, E., Beard, and Udale, assignors.
Beard, Charles L., Lancaster, Pa. Drill guide. 2,383,953; Sept. 4.
Beard, Earl E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of tetra-alpha-chloroanthraquinone. 2,378,745; June 19.
Beard, George F., Toronto, Ontario, Canada, assignor to National Lead Company, New York, N. Y. Lead alloy. 2,370,439; Feb. 27.
Beard, James A., St. Louis County, Mo. Engine starter. 2,385,963; Oct. 2.
Beard, Joseph G., Haddonfield, N. J., assignor to Radio Corporation of America. Electron discharge device. 2,380,496; July 31.
Bearden, La Moyne D.: *See*—
Malm, C. J., and Bearden.
Beardslee, William H., El Segundo, assignor to North American Aviation, Inc., Inglewood, Calif. Aircraft gun installation. 2,384,430; Sept. 11.

Beardsley, Harold, assignor to Michigan Steel Tube Products Co., Detroit, Mich. Weeding tool. 2,378,459; June 19.

Beardsley, Orrin C., Seattle, Wash. Apparatus for removing dust from feathers. 2,389,715; Nov. 27.

Beardsley & Piper Company, The: *See*—
Briner, Frank, assignor.
Clay, Murray G., assignor.
Moore, James W., assignor.

Beasecker, Raymond L., Grand Rapids, Mich., assignor, by mesne assignments, to W. B. Scarborough, Englewood, N. J., as trustee. Container for assemblies to be bonded. Re. 22,836; Apr. 24.

Beasecker, Raymond L., assignor to Haskelite Manufacturing Corporation, Grand Rapids, Mich. Apparatus for fabricating plywood structures. 2,380,573; July 31.

Beasing, George L., et al.: *See*—
Walker, Thomas G., assignor.

Beasley, Harold H., Portishead, and A. Weeks, Bristol, England. Syringe. 2,372,469; Mar. 27.

Beasley, Horace H., North Bergen, N. J. Wringer. 2,382,388; Aug. 14.

Beasley, Lee L.: *See*—
Beasley, Orvil L. and L. L.

Beasley, Orval L and L. L., Ferdinand, Idaho. Plow. 2,385,785; Oct. 2.

Beattie, Daniel H., Arlington, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of bubble-free solid bodies from polymerizable sirups. 2,373,446; Apr. 10.

Beaton, Robert G., Brooklyn, assignor to American Can Company, New York, N. Y. Producing potential openings in fiber containers or other fiber articles. 2,390,072; Dec. 4.

Beattie, Horace S.: *See*—
Page, R. E., and Beattie.

Beattie, Horace S., East Orange, N. J., assignor to International Business Machines Corporation, New York, N. Y. Printing mechanism. 2,381,862; Aug. 14.

Beattie, Horace S., East Orange, N. J., assignor to International Business Machines Corporation, New York, N. Y. Alphabetic printing mechanism. 2,386,422; Oct. 9.

Beatty, Clarence A., San Francisco, Calif. Egg frying machine. 2,369,274; Feb. 13.

Beatty, Edward T., Birmingham, Ala. Equalizer for elevator cables. 2,385,488; Sept. 25.

Beatty, Floyd A., Pittsburgh, assignor to Treadwell Engineering Company, Easton, Pa. Mill. 2,389,888; Nov. 27.

Beatty, Harold A., Groose Pointe Farms, Mich., assignor to Ethyl Corporation, New York, N. Y. Manufacture of lead iodide. 2,366,953; Jan. 9.

Beatty, Henry M., Shaker Heights, assignor to The Kelley Island Lime and Transport Company, Cleveland, Ohio. Kiln. 2,386,835; Oct. 13.

Beauchamp, Wilfred A., Chicago, Ill., assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Door lift mechanism. 2,373,447; Apr. 10.

Beauchamp, Wilfred A., and T. Madland, Chicago, Ill., assignors to The Youngstown Steel Door Company, Cleveland, Ohio. Car door and lock therefor. 2,387,109; Oct. 16.

Beaudoin, Francois, Saint Evariste, Quebec, Canada. Wool carding machine. 2,388,030; Oct. 30.

Beaudoin, Serge, St. Joseph, Quebec, Canada. Oscillator. 2,382,954; Aug. 21

Beaumier, Austin H., North Hollywood, Calif. Dispensing latex and the like. 2,375,515; May 8.

Beaumont Birch Company: *See*—
Hampton, John H., assignor.

Beaumont Iron Works Company: *See*—
Cooke, Edward F., assignor.

Beaumont, William M., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,374,072; Apr. 17.

Beau-T-Form Foundations, Inc.: *See*—
Sutter, Edward R., assignor.

Beaven, Leslie W., Chicago, Ill. Rotary internal-combustion engine. 2,366,478; Jan. 2.

Beaver, Charles J., Bowdon, E. L. Davey, Temperley, and J. H. Pirie, Hale, assignors to W. T. Glover & Company Limited, Trafford Park, England. High voltage electric cable termination and joint. 2,386,185; Oct. 9.

Beaver, David J., St. Albans, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Oil resistant thermoplastic and making. 2,382,462; Aug. 14.

Beaver, Howard W., Eagle Rock, Calif. Animal toy. 2,382,537; Aug. 14.

Beaver, John F., Jr., Dayton, Ohio. Bright copper plating. 2,391,289; Dec. 18.

Beaver Pipe Tools, Inc.: *See*—
Phillis, William A., assignor.

Beaver Tool & Engineering Corp.: *See*—
Cherry, Charles A., assignor.

Beavin, Alfred D., Eastport, Md. Seam ripper. 2,370,440; Feb. 27.

Bechberger, Paul F., and P. A. Noxon, Tenafly, assignors to Bendix Aviation Corporation, Bendix, N. J. Drift corrector. 2,384,004; Sept. 4.

Bechman, William O.: *See*—
Baker, D. B., and Bechman.

Bechman, William O., Chicago, Ill., assignor to International Harvester Company. Air cleaner. 2,383,364; Aug. 21.

Bechtel, Marley E., Kenmore, N. Y. Perforating unit. 2,379,271; June 26.

Bechtold, Ira C.: *See*—
Hutchinson, A. J. L., and Bechtold.

Beck, Charles W., and J. W. Pick, assignors to The American Rolling Mill Company, Middletown, Ohio. Plate reversing mechanism. 2,386,925; Oct. 16.

Beck, Howard S., Portland, Oreg. Smoke and fume eliminator. 2,378,123; June 12.

Beck, Paul C., Bay Village, assignor to Aluminum Company of America, Pittsburgh, Pa. Thermally treating aluminum base alloy ingots and product thereof. 2,381,714; Aug. 7.

Beck, Virgil R., Elmhurst, Ill., assignor to Zenith Radio Corporation. Spread band tuning device. 2,383,462; Aug. 26.

Beck, William R., assignor to Goodman Manufacturing Company, Chicago, Ill. Shuttle car. 2,370,441; Feb. 27.

Becker, Bernard C., deceased, Canton, Ohio, by B. E. Becker, executrix, York, Pa., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner 2,366,479; Jan. 2.

Becker, Bernard M.: *See*—
Kanhofer, E. R., and Becker.

Becker, Bernice E., executrix: *See*—
Becker, Bernard C.

Becker, Ernest R., Oak Park, assignor to The Liquid Carbonic Corporation, Chicago, Ill. Bottle cleaning apparatus. 2,385,050; Sept. 18.

Becker, Gilbert C., Robbinsdale, Minn., assignor to General Mills, Inc. Work holder and indexing means. 2,369,425; Feb. 13.

Becker, Harry W., Chicago, Ill., assignor to Electronic Sound Engineering Company. Signal reproducing apparatus. 2,389,949; Nov. 27.

Becker, Joseph, Pittsburgh, Pa., assignor, by mesne assignments, to Koppers Company, Inc. Coking retort oven. 2,378,387; June 19.

Becker, Milton, Passaic, N. J. Secret pocket billfold. 2,387,490; Oct. 23.

Becker, Morris L., Chicago, Ill. Foot corrective appliance. 2,383,583; Aug. 28.

Becker, Sam B., assignor to Standard Oil Company, Chicago, Ill. Oxidation of organic compounds and manufacture of phthalic anhydride. 2,373,008; Apr. 3.

Becker, Sam B., assignor to Standard Oil Company, Chicago, Ill. Catalytic conversion of residual hydrocarbon oils. 2,378,531; June 19.

Becker, Sam B., Chicago, and M. H. Arveson, Flossmoor, assignors to Standard Oil Company, Chicago, Ill. Preparation of butadiene. 2,376,987; May 29.

Becker, Sylvan J., Maywood, Ill., assignor to General Motors Corporation, Detroit, Mich. Link belt for airplane cannon. 2,373,288; Apr. 10.

Becker, Walter, and W. Maass, Hamburg, Germany; vested in the Alien Property Custodian. Making bituminous materials. 2,383,701; Aug. 28.

Becket, Alan L., East Orange, N. J. Electrical terminal. 2,372,653; Apr. 3.

Beckett, Ernest G., Larbert, Scotland, assignor to Imperial Chemical Industries Limited. Dibenzanthrone compounds. 2,388,665; Nov. 13.

Beckham, Leland J., Geddes, assignor to The Solway Process Company, New York, N. Y. Organic sulphonates and making. 2,373,643; Apr. 17.

Beckham, Leland J., Geddes, and J. A. Crowder, Syracuse, assignors to The Solvay Process Company, New York, N. Y. Reaction of unsaturated organic compounds with nitrosyl chloride. 2,371,418; Mar. 13.

Beckley, Arthur H., Jr., Portland, Oreg., assignor to The Moore Dry Kiln Company of Oregon. Roller drier. 2,386,286; Oct. 9.

Beckman, Charles H., St. Louis, Mo. Prevention and treatment of canine encephalitis. 2,391,540; Dec. 25.

Beckman, Richard, New York, N. Y. Rotary compressor or motor. 2,367,326; Jan. 16.

Beckwith, Edwin L., Brookline, and A. P. Swett, Westwood, Mass., assignors to Beckwith Manufacturing Company, Dover, N. H. Shoe stiffener and making the same. 2,390,347; Dec. 4.

Beckwith, James E., Kosmos, Wash. Self-aligning piston. 2,390,289; Dec. 4.

Beckwith Manufacturing Company: *See*—
Beckwith, E. L., and Swett, assignors.
Lovell, S. P., and Russell, assignors.

Beckwith, Raymond A., assignor to Koehring Company, Milwaukee, Wis. Dipper shovel loader. 2,366,480; Jan. 2.

Beckwith, Raymond A., assignor to Koehring Company, Milwaukee, Wis. Shipper mechanism for excavating shovels. 2,388,305; Nov. 6.

Becton, Dickinson & Co.: *See*—
Lawshe, Errol R., assignor.

Becwar, Rudolph A., Chicago, assignor to Galvin Manufacturing Corporation, Chicago, Ill. Record changer. 2,368,086; Jan. 30.

Beddingfield, Wade R.: *See*—
Colley, George F., assignor.

Beddoes, Hubert, assignor to Pacific Flush Tank Company, Chicago, Ill. Pressure and vacuum relief device. 2,367,260; Jan. 16.

Beddow, Raymond, Toledo, Ohio. Aircraft package delivery. 2,371,670; Mar. 20.

Bedford, Alda V., Collingswood, N. J., assignor to Radio Corporation of America. Picture transmitting apparatus. 2,368,096; Jan. 30.

Bedford, Burnice D., Schenectady, N. Y., assignor to General Electric Company. Electric valve translating apparatus and operating the same. 2,389,889; Nov. 27.

Bedford, Clay P., Berkeley, Calif. Prefabricating ships. 2,368,441; Jan. 30.

Bedford, Clay P., Berkeley, Calif. Shipbuilding. 2,368,442; Jan. 30.

Bedford, Howard E., Brentford, England, assignor, by mesne assignments, to Pyrene Development Corporation, Newark, N. J. Fire-foam producing apparatus. 2,373,009; Apr. 3.

Bedford, Leslie H., L. Jofeh, and W. H. Stevens, assignors to A. C. Cossor Limited, London, England. Electrical apparatus. 2,387,110; Oct. 16.

Bedford, William A., Jr., Boston, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Spring nut member. 2,382,936; Aug. 14.

Beebe, John D., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Reeling apparatus. 2,386,086; Oct. 2.

Beebe, John D., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Resilient wheel cushion. 2,390,290; Dec. 4.

Bee Bee Shoe Company: *See*—
Cohen, Harold W., assignor.

Beech Aircraft Corporation: *See*—
Dedrick, William H., assignor.
Harmon, Ralph M., assignor.

Beech, Fred J., Battle Creek, Mich. Gripping device. 2,389,756; Nov. 27.

Beechem, Henry A., and F. W. Fabian, East Lansing, Mich., assignors to P. W. Bonewitz Co., Burlington, Iowa. Destroying bacteria. 2,383,907; Aug. 28.

Beecher, Eugene L., Cleveland Heights, assignor to The Gabriel Company, Cleveland, Ohio. Shock absorber. 2,369,007; Feb. 6.

Beecher, Eugene L., Cleveland Heights, assignor to The Gabriel Company, Cleveland, Ohio. Shock absorber. 2,369,008; Feb. 6.

Beecher, John Winfred, assignor to The Bristol Company, Waterbury, Conn. Seal for differential pressure gauges. 2,367,087; Jan. 9.

Beecher, John Winfred, assignor to The Bristol Company, Waterbury, Conn. Protective apparatus for fluid meter. 2,374,523; Apr. 24.

Beede, Arnold H., Fairfield, Conn., assignor to Electrolux Corporation, New York, N. Y. Vacuum cleaner. 2,378,174; June 12.

Beede, Robert J., Providence, and N. G. Monsarrat, Rumford, assignors to Pantex Pressing Machine, Inc., Central Falls, R. I. Washer. 2,370,285; Feb. 27.

Beeg, Hermann, and R. Schmidt, Magdeburg, Germany; vested in the Alien Property Custodian. Purifying phosphoric acid esters. 2,373,807; Apr. 17.

Beegle, Raymond E., East St. Louis, Ill. Brake mechanism for railway vehicles. 2,372,703; Apr. 3.

Beeh, Louis, Woodside, N. Y. Multiple metering pump. 2,388,462; Nov. 6.

Beeh, Louis, Longmeadow, Mass. Injection valve spark plug. 2,391,220; Dec. 18.

Beeh, Louis, Longmeadow, Mass. Multiple pump. 2,391,221; Dec. 18.

Beeh, Louis, Long Meadow, Mass., J. O. Forster, Long Island City, N. Y., and W. E. Meyer, New Haven, Conn., assignors to Bulova Watch Company, New York, N. Y. Fuel injection pump. 2,380,574; July 31.

Beekhuis, Herman A., Jr., Petersburg, Va., assignor to The Solvay Process Company, New York, N. Y. Manufacture of organic nitrosyl chloride addition products. 2,370,518; Feb. 27.

Beekley, Henry L.: *See*—
Lacart, R. H., Gilbert, and Beekley.

Beekley, Henry L., Glen Ellyn, Ill., assignor to Electrimatic Corporation. Modulating valve. 2,387,225; Oct. 23.

Beekley, Henry L., Glen Ellyn, and R. H. Lacart, Chicago, Ill., assignors to The Electrimatic Corporation. Valves. 2,373,654; Apr. 17.

Beekley, Nathan S., Jr.: *See*—
Vanderbilt, B. M., and Beekley.

Beekley, Nathan S., Jr., Westfield, N. J., assignor to Jasco, Incorporated. Cured polymer mixture. 2,383,839; Aug. 28.

Beekman, Robert L., assignor to C. R. Miller, Miami, Fla. Pump. 2,376,025; May 15.

Beeman, Lyle, Milwaukee, Wis., assignor to The Master Electric Company, Dayton, Ohio. Electromagnetic circuit controller. 2,371,601; Mar. 20.

Beer, Ludwig, H. Berg, and W. Gruber, Burghausen, Germany; vested in the Alien Property Custodian. Cooling and heating liquids. 2,387,557; Oct. 23.

Beerbower, Alan, Westfield, and J. C. Zimmer, Union, N. J., assignors to Standard Oil Development Company. Lubricants. 2,372,052; Mar. 20.

Beerbower, Alan, Kenilworth, and J. C. Zimmer, Union, N. J., assignors to Standard Oil Development Company. Preparation of lubricating greases and apparatus therefor. 2,374,913; May 1.

Beerend, Ray F., Bay Village, Ohio. Bake pan. 2,391,767; Dec. 25.

Beers, George L., Haddonfield, N. J., assignor to Radio Corporation of America. Radio warning system. 2,367,327; Jan. 16.

Beers, George L., Haddonfield, N. J., assignor to Radio Corporation of America. Color television system. 2,378,746; June 19.

Beers, George L., Haddonfield, N. J., assignor to Radio Corporation of America. Loop input system for radio receivers. 2,383,286; Aug. 21.

Beers, George L., Haddonfield, N. J., assignor to Radio Corporation of America. Television pickup control system. 2,383,365; Aug. 21.

Beers, George L., Haddonfield, N. J., assignor to Radio Corporation of America. Television view finder. 2,384,232; Sept. 4.

Beers, George L., Haddonfield, N. J., assignor to Radio Corporation of America. Deflection control system. 2,385,563; Sept. 25.

Beers, Royce L., Birmingham, assignor to Detroit Stoker Company, Monroe, Mich. Stoker. 2,373,448; Apr. 10

Beers, Royce L., Birmingham, assignor to Detroit Stoker Company, Monroe, Mich. Stoker. 2,384,432; Sept. 11.

Beers, Royce L., Birmingham, assignor to Detroit Stoker Company, Monroe, Mich. Grate. 2,384,433; Sept. 11.

Beesch, Samuel C.: *See*—
Legg, D. A., and Beesch.

Beesley, Harold G.: *See*—
Dirksen, O. A., and Beesley.

Beestrum, Olaf G., St. Louis County, assignor to Samuels Shoe Company, St. Louis, Mo. Shoe construction. 2,384,431; Sept. 11.

Begeman, Charles R.: *See*—
Cramer, P. L., and Begeman.

Begg, Percy R., Springfield, South Australia, Australia. Orthodontic band clamp. 2,378,279; June 12.

Begg, Thomas, Nutley, N. J., assignor to American Can Company, New York, N. Y. Container. 2,370,132; Feb. 27.

Beguin, Albert E., Rochester, N. Y., and D. R. Swan, Cleveland, Ohio, assignors to Eastman Kodak Company, Rochester, N. Y. Subbing photographic film. 2,388,817; Nov. 13.

Begun, Semi J., Cleveland Heights, assignor to The Brush Development Company, Cleveland, Ohio. Timing. 2,370,133; Feb. 27.

Begun, Semi J., Cleveland Heights, assignor to The Brush Development Company, Cleveland, Ohio. Timing device. 2,370,134; Feb. 27.

Begun, Semi J., Cleveland Heights, assignor to The Brush Development Company, Cleveland, Ohio. Recording and reproducing device. 2,378,388; June 19.

Begun, Semi J., Cleveland Heights, assignor to The Brush Development Company, Cleveland, Ohio. Recording-reproducing device. 2,378,389; June 19.

Begun, Semi J., Cleveland Heights, assignor to Magnetone Inc., Cleveland, Ohio. Magnetic recording and reproducing. 2,380,392; July 31.

Behne, Rudolf, and W. Buhs, Berlin, Germany; vested in the Alien Property Custodian. Television pick-up tube. 2,374,914; May 1.

Behrendt, John G., and L. C. Ruthy, Chicago, assignors, by mesne assignments, to Cicero State Bank, Cicero, Ill., as trustee. Burner. 2,369,999; Feb. 20.

Behrens, Herbert C., Haddon Heights, assignor to Samuel M. Langston Co., Camden, N. J. Speed control mechanism for cutoffs. 2,389,341; Nov. 20.

Behrens, William O., Harvey, Ill. Oil burner fuel control. 2,378,379; June 19.

Behrman, Abraham S., assignor to Infilco Incorporated, Chicago, Ill. Preparation of carbonaceous base exchange material. 2,376,896; May 29.

Behrman, Abraham S., Chicago, and H. B. Gustafson, La Grange, Ill., assignors to Infilco Incorporated. Liquid treatment. 2,376,897; May 29.

Behrman, Abraham S., Chicago, Ill., assignor to Infilco Incorporated. Purification of sugar solutions. 2,388,222; Oct. 30.

Behrman, Abraham S., assignor to Infilco Incorporated, Chicago, Ill. Purification of sugar solutions and the like. 2,388,223; Oct. 30.

Behrman, Abraham S., assignor to Infilco Incorporated, Chicago, Ill. Purification of sugar solutions. 2,388,224; Oct. 30.

Behr-Manning Corporation: *See*—
King, William H., assignor.
Oglesby, Nicholas E., assignor.

Beiger, Tyrrell A. S.: *See*—
Nichols, Floyd A., assignor.

Beikirch, Edward G., Rochester, N. Y. Combined photomount and frame. 2,381,964; Aug. 14.

Bell, Forrest F., assignor to Curtis Companies Incorporated, Clinton, Iowa. Supporting screen cloth. 2,381,029; Aug. 7.

Belle, Walter C., Chicago, Ill. Constructional toy. 2,383,441; Aug. 28.

Beinhoff, William K., Cleveland, Ohio. Shaping press. 2,386,535; Oct. 9.

Belshline, Guy C., Berwick, Pa., and C. F. Walp, Buffalo, assignors to American Car and Foundry Company, New York, N. Y. Flanging bimetallic plates. 2,383,584; Aug. 28.

Beith Haroshet l'Ma'tafot "Doar" Loewy & Kuehl: *See*—
Teicher, Abraham, assignor.

Bettzel, Horace C., assignor to Bucyrus Erie Company, South Milwaukee, Wis. Hitch for trailers. 2,377,315; June 5.

Belada, John, Glassboro, N. J., assignor to Owens-Illinois Glass Company. Feed control for lining machines. 2,391,381; Dec. 25.

Belada, John, Glassboro, N. J., and W. B. Hullhorst, Toledo, Ohio, assignors to Owens-Illinois Glass Company. Article transfer mechanism. 2,377,294; May 29.

Belaieff, James F., assignor of two-thirds to Cyril Terence Delaney and Gallay, Limited, Cricklewood, London, England. Radiator. 2,376,749; May 22.

Belaieff, James F., assignor of two-thirds to C. T. Delaney, and Gallay, Limited, Cricklewood, London, England. Water and oil cooler. 2,381,251; Aug. 7.

Belanger, Albert P. D., Chicago, Ill. Manufacturing bands. 2,377,857; June 12.

Belanger, Albert P. D., Alton, Ill. Display panel and the like. 2,379,336; June 26.

Belanger, Emile, Drummondville, Quebec, Canada. Handle guide. 2,377,745; June 5.

Belch, Emil E., Kansas City, Mo. Wallpaper cutting, pasting, and folding machine. 2,373,644; Apr. 17.

Belcher, Harold H.: *See*—
Sibson, W. W., Jr., and Belcher.

Belchetz, Arnold, Kew Gardens, N. Y., assignor to The M. W. Kellogg Company, Jersey City, N. J. Catalytic conversion of hydrocarbons. 2,369,523; Feb. 13.

Belchetz, Arnold, Kew Gardens, N. Y., assignor to The M. W. Kellogg Company, Jersey City, N. J. Catalytic conversion of hydrocarbons. 2,374,073; Apr. 17.

Belchetz, Arnold, Kew Gardens, N. Y., assignor to The M. W. Kellogg Company, Jersey City, N. J. Production of anhydrous magnesium chloride. 2,381,994; Aug. 14.

Belchetz, Arnold, Kew Gardens, N. Y., assignor to The M. W. Kellogg Company, Jersey City, N. J. Production of anhydrous magnesium chloride. 2,381,995; Aug. 14.

Belchetz, Arnold, Larchmont, N. Y., assignor to Stauffer Chemical Company. Purifying carbon disulphide. 2,391,541; Dec. 25.

Belchetz, Arnold, Larchmont, and M. M. Perkins, Plandome, N. Y., assignors to The M. W. Kellogg Company, Jersey City, N. J. Hydrocarbon conversion. 2,366,171; Jan. 2.

Belchetz, Arnold, Kew Gardens, N. Y., and H. M. Nelly, Jr., assignors to The M. W. Kellogg Co., Jersey City, N. J. Regeneration of spent catalysts. 2,374,660; May 1.

Belchetz, Leonard: *See*—
Buis, M., and Belchetz.

Belcourt, Paul J., Meriden, Conn. Automatic multiple buffing machine. 2,386,649; Oct. 9.

Belden, Burton C.: *See*—
Weeks, R. L., and Belden.

Belden, Charles W., assignor to The Kemper-Thomas Company, Cincinnati, Ohio. Lamp shading device. 2,374,161; Apr. 24.

Belden Manufacturing Company: *See*—
McQuiston, Dwight D., assignor.

Belden, Perry, Lansdale, Pa., assignor to National Union Radio Corporation, Newark, N. J. Carton. 2,377,602; June 5.

Belden, Perry, Lansdale, Pa., assignor to National Union Radio Corporation, Newark, N. J. Carton. 2,377,603; June 5.

Belden, Perry, Lansdale, Pa., assignor to National Union Radio Corporation, Newark, N. J. Carton. 2,377,604; June 5.

Belli, Fritz, assignor to Aktiengesellschaft Brown, Boveri & Cie., Baden, Switzerland. Demountable high-vacuum hot-cathode rectifier. 2,390,683; Dec. 11.

Beldue, William J.: *See*—
Tuttle, W. R., and Beldue.

Bel Geddes, Norman: *See*—
Wales, Nathaniel B.
Wales, Nathaniel B., assignor.
Wales, N. B., and Bel Geddes.

Bel Geddes, Norman, and Company: *See*—
Wales, N., and Bel Geddes, assignors.

Bell, Adam C.: *See*—
Dreger, E. E., and Bell.

Bell Aircraft Corporation: *See*—
Bowers, Herbert L., assignor.
Dobmeier, H. J., and Weingartner, assignors.
Joachimi, Jacob, assignor.
Maurer, Le Roy F., assignor.
Trotter, John C., assignor.
Trotter, J. C., and Jewett, assignors.
Welchbrodt, P. P., and Williamson, assignors.
Young, Arthur M., assignor.

Bell, Arthur, London, N. 1, England, assignor to American Machine & Foundry Company, New York, N. Y. Bronzing apparatus. 2,373,991; Apr. 17.

Bell, Charles C., Marblehead, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Bearing assembly. 2,384,005; Sept. 4.

Bell, Charles C., Marblehead, and W. V. Goodhue, Ipswich, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J. Gun sighting device. 2,390,980; Dec. 18.

Bell Co., Inc., The: *See*—
Allderdice, Charles E., Jr., assignor.

Bell, David A., London, England, assignor to Radio Patents Corporation. Frequency modulator. 2,384,789; Sept. 18.

Bell, Davitt S., and O. R. Wikander, Pittsburgh, assignors to Edgewater Steel Company, Oakmont, Pa. Automatic gun. 2,370,835: Mar. 6.

Bell, Edward R.: *See*—
Rust, F. F., and Bell.

Bell, Elmer M., Ajo, Ariz. Harvesting machine. 2,374,162; Apr. 24.

Bell, Herbert A.: *See*—
Goode, Joseph T., assignor.

Bell & Howell Company, The: *See*—
Eisler, Henry G., assignor.
Howell, A. S., assignor.
Howell, Albert S., assignor.
McNabb, Louis A., assignor.
Steechbart, Bruno, assignor.
Stechbart, B., and Strauss, assignors.

Bell, John F., assignor to Zenith Radio Corporation, Chicago, Ill. Temperature compensated tuned circuit. 2,371,790; Mar. 20.

Bell, John P., Baltimore, Md. Dental floss holder. 2,376,750; May 22.

Bell, Julius C., Swampscott, Mass., assignor to General Electric Company. Dynamoelectric machine. 2,387,050; Oct. 16.

Bell Laboratories, Incorporated: *See*—
Blattner, David G., assignor.
Hartley, Ralph V. L., assignor.
Kleimack, J. L., and Pearson, assignors.

Bell, Leroy V., Wakefield, R. I. Mother ship. 2,386,650; Oct. 9.

Bell, Leroy V., Wakefield, R. I. Cigarette package cover. 2,388,519; Nov. 6.

Bell, Louis N., and R. R. and H. E. Harris, Sault Ste. Marie, Mich. Pontoon motorboat. 2,369,129; Feb. 13.

Bell, Maurice E., Cambridge, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Treatment of bearing surfaces with lubricants. 2,387,872; Oct. 30.

Bell, Ralph L.: *See*—
Palmer, J. A., and Bell.

Bell, Richmond T., Deerfield, H. O. Folkins, Skokie, and C. M. Thacker, Highland Park, assignors to The Pure Oil Company, Chicago, Ill. Conversion of hydrocarbons. 2,374,167; Apr. 24.

Bell, Richmond T., and C. M. Thacker, Highland Park, assignors to The Pure Oil Company, Chicago, Ill. Conversion of hydrocarbons. 2,384,877; Sept. 18.

Bell, Samuel A.: *See*—
Carpenter, V. W., Bell, and Heck.

Bell, Stanley A.: *See*—
Hughes, H. R., and Bell.

Bell Telephone Laboratories, Incorporated: *See*—
Abraham, Leonard G., assignor.
Abraham, L. G., and Mitchell, assignors.
Alford, E. L., and Martin, assignors.
Atkins, George E., assignor.
Bacon, Walter M., assignor.
Bacon, W. M., and Kinkead, assignors.
Bacon, W. M., Kinkead, and Krecek, assignors.
Baker, Clarence L., assignor.
Baker, William O., assignor.
Barber, Charles C., assignor.
Barney, Harold L., assignor.
Barry, J. F., and Logan, assignors.
Bascom, Henry M., assignor.
Bascom, H. M., Goddard, and Walsh, assignors.
Beaumont, William M., assignor.
Bennett, William R., assignor.
Biggs, Burnard S., assignor.
Biggs, B. S., White, and Yager, assignors.
Black, Harold S., assignor.
Bode, Hendrik W., assignor.
Bollman, J. H., and Wilson, assignors.
Bond, Walter L., assignor.
Bonorden, Allen R., assignor.
Bowne, Langford J., assignor.
Branson, David E., assignor.
Brown, John T. L., assignor.
Burgess, Harry A., assignor.
Busch, Aloysius J., assignor.
Carr, James A., assignor.
Carter, Charles W., Jr., assignor.
Christopher, Harold N., assignor.
Clark, Alva B., assignor.
Clark, J. E., Fay, and Ronci, assignors.
Cook, John C., assignor.
Corso, Frank S., assignor.
Cory, Samuel I., assignor.
Cox, Leslie R., assignor.
Curran, Stanley T., assignor.
Davey, James R., assignor.
Dennis, F. R., and Felch, assignors.
Depp, Wallace A., assignor.
D'heedene, Albert R., assignor.
Dickieson, Alton C., assignor.

Bell Telephone Laboratories, Incorporated: *See*—Contd.
Dickten, Emil, Jr., assignor.
Dimond, Thomas L., assignor.
Dowey, Thomas L., assignor.
Dunlap, K. S., Kelsall, Lovell, and Mallina, assignors.
Dysart, Birney, assignor.
Eckardt, Helmuth, assignor.
Edson, William A., assignor.
Edwards, Paul G., assignor.
Edwards, W. H., and Shann, assignors.
Egerton, Lawson, assignor.
Espenschied, Lloyd, assignor.
Fair, Irvin E., assignor.
Felch, Edwin P., Jr., assignor.
Fisk, James B., assignor.
Fitch, K. E., Large, and Lucek, assignors.
Foley, J. W., and Emling, assignors.
French, Norman R., assignor.
Friend, Otto A., assignor.
Frosch, Carl J., assignor.
Fuller, Calvin S., assignor.
Galbick, Chester J., assignor.
Gardner, L. A., and Richards, assignors.
Gibney, Robert B., assignor.
Goddard, Myron C., assignor.
Goff, Harold W., assignor.
Gordon, Chester S., assignor.
Gorton, William S., assignor.
Graham, Robert E., assignor.
Grisdale, Richard O., assignor.
Hampton, L. N., and Shangle, assignors.
Harrison, Henry C., assignor.
Harry, William R., assignor.
Hartley, Ralph V. L., assignor.
Hecht, George, assignor.
Hefele, John R., assignor.
Hersey, Rab E., assignor.
Holden, William H., assignor.
Holden, William H. T., assignor.
Hopkins, Harris F., assignor.
Hose, R. H., and Niles, assignors.
Hubbard, Francis A., assignor.
Hulbert, Arthur D., assignor.
Ingram, Sydney B., assignor.
Ives, Herbert E., assignor.
Jansky, Karl G., assignor.
Johnson, Kenneth S., assignor.
Johnson, Lewis H., assignor.
Kannenberg, Walter F., assignor.
Kinkead, Fullerton S., assignor.
Kinkead, F. S., and Krecek, assignors.
Kinkead, F. S., and Lang, assignors.
Kittredge, Linus E. assignor.
Knowlton, Clarence S., assignor.
Kohman, G. T., and Prescott, assignors.
Krecek, Joseph A., assignor.
Krecek, J. A., assignor, and Walker, (Krumreich, C. L., assignor), and Meehan.
Laico, Joseph P., assignor.
Lang, Wilmarth Y., assignor.
Large, Wayne V. K., assignor.
Large, W. V. K., and Singer, assignors.
Leuvelink, Bernard, assignor.
Lewis, Herbert A., assignor.
Llewellyn, Frederick B., assignor.
Lucek, Charles W., assignor.
Lum, George R., assignor.
Lundry, Walter R., assignor.
Lundstrom, Alexis A., assignor.
Lutomirski, Karel, assignor.
MacKenzie, Donald, assignor.
Mahoney, John J., Jr., assignor.
Mallina, Rudolph F., assignor.
Malthaner, Wm. A., assignor.
Marble, Frank G., assignor.
Marrison, Warren A., assignor.
Martins, Arthur S., assignor.
Mason, Warren P., assignor.
Massonneau, Robert F., assignor.
Mathes, Robert C., assignor.
McDavitt, Marcellus B., assignor.
McKim, B., and Myers, assignors.
McLean, David A., assignor.
Meacham, Larned A., assignor.
Miller, Charles G., assignor.
Miller, Ohmer R., assignor.
Mitchell, Doren, assignor.
Morton, Edmund R., assignor.
Mueller, Robert, assignor.
Murphy, Edward J., assignor.
Murphy, O. J., and Newby, assignors.
Nesbitt, Ethan A., assignor.
Newby, Neal D., assignor.
Newby, N. D. and Vaughan, assignors.
Nielsen, John E., assignor.
Nyquist, Harry, assignor.
Ohl, Russell S., assignor.
Parker, R. D., and Weaver, assignors.
Pearson, Gerald L., assignor.
Pfieger, Kenneth W., assignor.
Polkinghorn, Frank A., assignor.
Porter, Leslie F., assignor.
Potter, Ralph K., assignor.
Potter, J. A., and Trucksess, assignors.

Bell Telephone Laboratories, Incorporated: *See*—Contd.
Priessman, Neil Y., assignor.
Pruden, Harold M., assignor.
Rasmussen, Osvald E., assignor.
Rea, W. T., and Wilkerson, assignors.
Ricker, Ralph H., assignor.
Rigterink, Merle D., assignor.
Ronci, Victor L., assignor.
Schelkunoff, Sergei A., assignor.
Schneckloth, Harry H., assignor.
Shafer, Ira C., Jr., assignor.
Shanck, Roy B., assignor.
Shann, Oscar A., assignor.
Shaw, Robert C., assignor.
Skellett, Albert M., assignor.
Spahn, Charles F., Jr., assignor.
Spencer, Harry H., assignor.
Sprague, Vinton G., assignor.
Staples, E. M., Taylor, and Michael, assignors.
Stibitz, George R., assignor.
Stubner, Franz W., assignor.
Swart, Leland K., assignor.
Swezey, Burdette S., assignor.
Sykes, Roger A., assignor.
Taylor, Charles C., assignor.
Taylor, Raymond L., assignor.
Teal, Gordon K., assignor.
Terry, Donald M., assignor.
Thomas, Alton B.
Thurber, E. A., and Wooten, assignors.
Trucksess, David E., assignor.
Van Inwagen, Charles L., Jr., assignor.
Van Wynen, Kenneth G., assignor.
Vaughan, Henry E., assignor.
Walsh, John G., assignor.
Watson, E. F., assignor.
Weaver, Allan, assignor.
Webber, Carroll A., assignor.
West, John W., assignor.
Wilhelm, Henry T., assignor.
Willard, Gerald W., assignor.
Williams, Ernest P., assignor.
Williams, Samuel B., assignor.
Wooten, Leland A., assignor.
Zinn, Manvel K., assignor.

Bell, Wade I., and J. S. McKinley, Great Bend, Kans. Pressure responsive device. 2,381,429; Aug. 7.

Bell, Walter G., Cumberland, Md. Window blinds. 2,377,746; June 5.

Bell and Wallace Manufacturing Corporation: *See*—
Wallace, Walter E, assignor.

Bellamy, Albert L.: *See*—
Bellamy, Malcolm R., assignor.

Bellamy, John I.: *See*—
Nelson, R. M., and Bellamy.

Bellamy, Malcolm R., assignor of fifty per cent to A. L. Bellamy, Kingsport, Tenn. Sheet delivery control arrangement in printing presses. 2,384,523; Sept. 11.

Belle Isle, A. L.: *See*—
Hicks, James A., assignor.

Bellefont Associates: *See*—
Weisberg, Mark, assignor.

Bellig, Joseph S., North Mankato, Minn. Feed-back shield for threshing machines. 2,366,828; Jan. 9.

Bellingham Iron Works, Inc.: *See*—
Morris, Wesley W., assignor.

Belluche, Frank R., assignor to The Christensen Machine Company, Racine, Wis. Side register for sheet feeders. 2,368,098; Jan. 30.

Belluche, Frank R., assignor to Christensen Machine Company, Racine, Wis. Sheet delivery mechanism. 2,381,430; Aug. 7.

Belmar Zurich, Beleuchtungs-& Metallindustrie Aktiengesellschaft: *See*—
Eigenheer, Jakob, assignor.

Belmont Radio Corporation: *See*—
Archenbronn, George E., assignor.
D'Orio, P. A., and Huff, assignors.
Plensler, Alexander W., assignor.

Beloit Iron Works: *See*—
Berry, Earl E., assignor.
Berry, E. E., and Hornbostel, assignors.
Hornbostel, Lloyd, assignor.
Hornbostel, L., and Berry, assignors.

Belt, Vernon C., West Allis, Wis. Continuous wire tying baler. 2,367,180; Jan. 16.

Beltice Corporation: *See*—
Knowles, Frank W., assignor.

Beltrami, Vittorio, Milan, Italy, assignor to Automatic Electric Laboratories Inc. Impulse sender for use in telephone or like systems. 2,368,104; Jan. 30.

Beltz, Lester L., assignor to Packard Motor Car Company, Detroit, Mich. Apparatus for controlling transmission mechanism. 2,380,717; July 31.

Belz, August, Goldach, Switzerland. Shaving mechanism. 2,374,724; May 1.

Bemis Bro. Bag Company: *See*—
Brady, Charles V., assignor.
Le Roy, Robert B., assignor.
Weeks, Arnold N., assignor.
Weeks, N. E., and Le Roy, assignors.
Williams, Russell J., assignor.

Bemis, Irving W., Natick, Mass. Adjustable work support for use in machining operations. 2,390,865; Dec. 11.

Bemis, Kenneth E., Oakland, Calif. Apportioning apparatus. 2,366,379; Jan. 2.
Benander, George B., Oaklawn, R. I., assignor to The Monowatt Electric Corporation. Electric cord terminal. 2,371,494; Mar. 13.
Benander, George B., Oaklawn, R. I., assignor to Monowatt Electric Corporation. Electrical connector. 2,374,971; May 1.
Benander, George B., Oaklawn, R. I., assignor to Monowatt Electric Corporation. Electrical connector. 2,389,455; Nov. 20.
Benaway, Bernard G., Hollywood, assignor to Aircraft Accessories Corporation, Burbank, Calif. Selector valve. 2,366,693; Jan. 9.
Benaway, Bernard G., Los Angeles, Calif., assignor to Aireon Manufacturing Corporation. Selector valve. 2,376,322; May 22.
Bench, David E.: *See*—
Drummond, F. E., and Bench.
Bench, David E., M. A. Crosby, and H. A. Toulmin, Jr., assignors to The Hydraulic Development Corp., Inc., Dayton, Ohio. Multiple turret lathe. 2,374,577; Apr. 24.
Bench, David E., and M. A. Crosby, assignors to The Dayton Pump and Manufacturing Company, Dayton, Ohio. Indicating mechanism for liquid dispensing devices. 2,378,532; June 19.
Benckert, Willis, J., Baltimore, assignor to The Glenn L. Martin Company, Middle River, Md. Underwater fuel storage system. 2,383,840; Aug. 28.
Bencowitz, Isaac, Newgulf, assignor to Texas Gulf Sulphur Company, Houston, Tex. Producing factis. 2,382,284; Aug. 14.
Bender, Elmer H., Phillips, Tex., assignor to Phillips Petroleum Company. Hydrocarbon sweetening. 2,373,645; Apr. 17.
Bender, Frank P.: *See*—
Wimer, H. D., Jr., and Bender.
Bender, John C., assignor to McCullough Tool Company, Houston, Tex. Well logging. 2,366,694; Jan. 9.
Bender, Karl, Wurzburg, Germany; vested in the Alien Property Custodian. Compression resistant chains. 2,375,461; May 8.
Bender, Karl, Wurzburg, Germany; vested in the Alien Property Custodian. Compression resistant group of flat link chains. 2,375,462; May 8.
Bender, Richard O.: *See*—
Pedersen, C. J., and Bender.
Bendett, Raymond M.: *See*—
Sullivan, J. F., and Bendett.
Bender, Richard O., Ridley Park, Pa., assignor to Sinclair Refining Company, New York, N. Y. Lead sulphide catalysts. 2,376,223; May 15.
Bendix Aviation Corporation: *See*—
Adair, Paul F., assignor.
Adams, H. W., and Klemperer, assignors.
Allen, Joseph W., assignor.
Alvino, Alphonse V., assignor.
Bande, Henry, assignor.
Baer, Howard E., assignor.
Bechberger, P. F., and Noxon, assignors.
Bremser, Albert T., assignor.
Brown, David H., assignor.
Brown, Jesse B., assignor.
Boyce, Edward D., assignor.
Chambers, Allan C., assignor.
Coe, Albert A., assignor.
Colt, R. B., and Chappell, assignors.
Gregg, David, assignor.
Davis, Robert J., assignor.
De Kiss, Nicholas, assignor.
Deschamps, D. J., Dow, and Clarke, assignors.
Douglas, R. M., and Huyck, assignors.
Elkin, Manuel H., assignor.
Erle, Donald Z., assignor.
Frazier, Elmer E., assignor.
Frazier, Radford K., assignor.
François, Jean, assignor.
Frei, Jakob R., assignor.
Gilbert, Samuel, assignor.
Goepfrich, Rudolph A., assignor.
Goepfrich, R. A., and House, assignors.
Goepfrich, R. A., and White, assignors.
Gregg, David, assignor.
Gregg, George W., assignor.
Harrison, R. R., and Score, assignors.
Heidloff, Joseph R., assignor.
Heineck, P. B., and Meddock, assignors.
Hellen, James S., assignor.
Hermansen, Evald, assignor.
Hood, E. Elliot, assignor.
House, Bryan E., assignor.
Hurley, Roy T., assignor.
Jandasek, Joseph, assignor.
Kearney, Daniel P., assignor.
Kimball, Vernon R., assignor.
Kreager, Paul H., assignor.
Lawrence, D. M., and Lehman, assignors.
Lehman, Samuel K., assignor.
MacCallum, A. M., and Noxon, assignors.
MacNeil, C. I., and Mock, assignors.
Marmont, George H., assignor.
McGrath, W. L., and Whitney, assignors.
Miller, Anthony, assignor.
Bendix Aviation Corporation: *See*—Continued
Miller, Raymond J., assignor.
Mock, Frank C., assignor.
Moore, Vernon, assignor.
Nardone, Romeo M., assignor.
Noxon, Paul A., assignor.
Phillips, John P., assignor.
Pond, W. B., and Holt, assignors.
Pontius, George W., III, assignor.
Pontius, G. W., III, and Reek, assignors.
Pontius, G. W., III, and Wilson, assignors.
Price, Earl R., assignor.
Price, Harold W., assignor.
Reek, Royal J., assignor.
Riggen, Theodore K., assignor.
Rylasky, Gregory V., assignor.
Sawyer, Marc C., assignor.
Sekella, Michael, assignor.
Spengler, Walter, J., assignor.
Stelzel, Roderick W., assignor.
Strebinger, Richard R., assignor.
Stuart, Alfred A., Jr., assignor.
Sullivan, J. F., and Bendett, assignors.
Tognola, Tullio, assignor.
Trautman, Walter C., assignor.
Webster, Sidney H., assignor.
White, John W., assignor.
Williams, Harry A., assignor.
Winkler, A. H., and Gore, assignors.
Bendix Home Appliances, Inc.: *See*—
Oliver, Wallace F., assignor.
Bendix Products Corporation: *See*—
Mock, Frank C., assignor.
Mock, Frank S., assignor.
Bendix Stromberg Carburetor Company: *See*—
Hunt, Scott F., assignor.
Bendix, Vincent, South Bend, Ind., assignor, by mesne assignments, to Langley Aviation Corporation, New York, N. Y. Veneer press. 2,390,684; Dec. 11.
Bendix-Westinghouse Automotive Air Brake Company: *See*—
Eaton, Wilfred A., assignor.
Fitch, Ellery R., assignor.
Fowler, Elbert, assignor.
Leukhardt, Arthur R., assignor.
Ohl, Clyde A., assignor.
Sanford, R. S., and Andres, assignors.
Turek, Thomas J., assignor.
Benecke, Louis A., St. Louis, Mo. Practice golf club. 2,388,463; Nov. 6.
Benedek, Elek K., Bucyrus, Ohio. Propeller mechanism. 2,382,380; Aug. 14.
Benedek, Elek K., assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Pump. 2,373,449; Apr. 10.
Benedetto, Leonard, Alliance, Ohio. Die set. 2,370,836; Mar. 6.
Benedict, Leon C., Mansfield, Mass. Smoking device. 2,378,175; June 12.
Benedict, Wayne L.: *See*—
Mattox, W. J., and Benedict.
Benford, Frank, Schenectady, N. Y., assignor to General Electric Company. Apparatus employed in computing illumination. 2,371,495; Mar. 13.
Benignus, Paul G., Belleville, Ill., assignor to Monsanto Chemical Company, St. Louis, Mo. Fungusproofing textiles. 2,381,863; Aug. 14.
Benin, Zolmon, Glen Ellyn, Ill., assignor to Zenith Radio Corporation. Spread band tuning device. 2,383,463; Aug. 28.
Benjamin, Claude A.: *See*—
Smith, Jacob A., assignor.
Benjamin, Milton L., Cleveland, and S. S. Benjamin, University Heights, Ohio; said S. S. Benjamin assignor to said M. L. Benjamin. Expanding arbor. 2,383,036; Aug. 21.
Benjamin, Stanley S.: *See*—
Benjamin, Milton L. and S. S.
Benjamin, Walter E., assignor to Pierce Governor Company, Anderson, Ind. Automatic compensating centrifugal governor. 2,369,426; Feb. 13.
Benke, Roy, Shreveport, La., assignor to The Atlantic Refining Company, Philadelphia, Pa. Coring device. 2,372,875; Apr. 3.
Benn, Howard H., Detroit, Mich., assignor to C. V. Pearce, Oak Park, Ill. Wood plane. 2,371,946; Mar. 20.
Benn, Howard H., Detroit, Mich. Wood plane. 2,383,841; Aug. 28.
Benn, Stephen J., Philadelphia, Pa. Reverse cycle heating and cooling system. 2,376,859; May 29.
Benner, Inc.: *See*—
Schlemer, Charles J., assignor.
Benner, Dale A., Alton, Ill. Rail bender. 2,367,710; Jan. 23.
Benner, Raymond C.: *See*—
Baumann, H. N., Jr., and Benner.
Bennett, Alva H., Kenmore, N. Y., assignor, by mesne assignments, to American Optical Company, Southbridge, Mass. Optical system. 2,388,031; Oct. 30.
Bennett, Alva H., Kenmore, N. Y., assignor, by mesne assignments, to American Optical Company, Southbridge, Mass. Optical system. 2,388,032; Oct. 30.
Bennett, Arthur N: *See*—
Nees, A. R., and Bennett.

Bennett, Arthur F., West Barrington, and A. L. Krause and H. W. Jacobson, Providence, R. I., assignors to Brown and Sharpe Manufacturing Company. Driving and control mechanism. 2,370,222; Feb. 27.
Bennett, Arthur N., assignor to The Great Western Sugar Company, Denver, Colo. Recovery of betaine and betaine salts from sugar beet wastes. 2,375,164; May 1.
Bennett, Charles E., Ridgewood, assignor to The Okonite-Callender Cable Company, Incorporated, Paterson, N. J. Electric cable system. 2,368,097; Jan. 30.
Bennett, Charles E., Ridgewood, assignor to The Okonite-Callender Cable Company, Incorporated, Paterson, N. J. Electric cable sheath. 2,375,067; May 1.
Bennett, Charles E., Ridgewood, assignor to The Okonite-Callender Cable Company, Incorporated, Paterson, N. J. Forming reinforced sheathed cables. 2,375,068; May 1.
Bennett, Charles E., Ridgewood, and P. V. White, Rochelle Park, assignors to The Okonite-Callender Cable Company, Incorporated, Paterson, N. J. Apparatus for drying air. 2,375,069; May 1.
Bennett, Charles E., Ridgewood, assignor to The Okonite-Callender Cable Company, Incorporated, Paterson, N. J. Electrical apparatus. 2,388,899; Nov. 13.
Bennett, Charles E., Ridgewood, assignor to The Okonite-Callender Cable Company, Incorporated, Paterson, N. J. Apparatus for impregnating electric power cables. 2,390,823; Dec. 11.
Bennett, Claude C., South Bend, Ind. Dynamometer. 2,372,704; Apr. 3.
Bennett, David E., Jr.: *See*—
Staehle, H. C., Jelley, and Bennett.
Bennett, Edwin O., assignor to Continental Oil Company, Ponca City, Okla. Increasing the effective permeability of porous formations. 2,379,561; July 3.
Bennett, Eugene G., assignor to The Champion Paper and Fibre Company, Hamilton, Ohio. Paper coating composition and making. 2,369,427; Feb. 13.
Bennett, Gardell L., and F. Dyer, Schenectady, N. Y., assignors to General Electric Company. Cam. 2,382,849; Aug. 14.
Bennett, Harold F., assignor to Eastman Kodak Company, Rochester, N. Y. Telecentric lens system. 2,380,210; July 10.
Bennett, Harry, Woodmere, N. Y. Antidimming composition. 2,372,171; Mar. 27.
Bennett, Harry T., and J. R. Marshall, assignors to Mid-Continent Petroleum Corporation, Tulsa, Okla. Lubricant. 2,390,491; Dec. 11.
Bennett, Harry T., and J. R. Marshall, assignors to Mid-Continent Petroleum Corporation, Tulsa, Okla. Lubricant. 2,390,492; Dec. 11.
Bennett, John C.: *See*—
Barnhart, R. M., Bennett, and Heinmiller.
Bennett, John E., San Francisco, Calif. Fruit and vegetable juicer. 2,387,975; Oct. 30.
Bennett, John M., assignor to Tulin Corporation, New York, N. Y. Spring. 2,376,026; May 15.
Bennett, Joseph S., Merion, assignor, by mesne assignments, to American Engineering Company, Philadelphia, Pa. Stoker. 2,387,383; Oct. 23.
Bennett, Milton, Briarcliff Manor, N. Y., assignor to Milprint, Inc., Milwaukee, Wis. Packaging. 2,380,913; Aug. 7.
Bennett, Ralph S., Pittsfield, Mass., assignor to General Electric Company. Protective arrangement. 2,371,496; Mar. 13.
Bennett, Richard H.: *See*—
Hultgren, A. P., Moore, Bennett, and Cummins.
Bennett, Robert M., Ithan, Pa., assignor to General Electric Company. Gas blast electric circuit breaker. 2,382,850; Aug. 14.
Bennett, William O., Jr., assignor to Hamilton Watch Company, Lancaster, Pa. Timing device. 2,372,757; Apr. 3.
Bennett, William O., Jr., assignor to Hamilton Watch Company, Lancaster, Pa. Stop watch testing apparatus. 2,380,360; July 10.
Bennett, William O., Jr., Lancaster Township, Lancaster County, assignor to Hamilton Watch Company, Lancaster, Pa. Balance screw. 2,385,252; Sept. 18.
Bennett, William O., Jr., Lancaster Township, Lancaster County, assignor to Hamilton Watch Company, Lancaster, Pa. Welding. 2,387,112; Oct. 16.
Bennett, William O., Jr., Lancaster, Pa., assignor to Hamilton Watch Company. Hairspring collet. 2,391,816; Dec. 25.
Bennett, William O., Jr., Lancaster Township, and E. W. Dresecher, Manheim Township, Lancaster County, assignors to Hamilton Watch Company, Lancaster, Pa. Hairspring mounting. 2,379,780; July 3.
Bennett, William R., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Carrier wave modulation. 2,377,858; June 12.
Bennett, William R., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Distortion correction in wave transmission. 2,379,211; June 26.
Benning, Anthony F.: *See*—
Downing, F. B., Benning, and McHarness.
Benning, Anthony F., Woodstown, N. J., and J. D. Park, assignor to Kinetic Chemicals, Inc., Wilmington, Del. Separating fluorine compounds. 2,384,449; Sept. 11.
Benning, Wilbert O., Los Angeles, Calif. Drill sharpener. 2,369,642; Feb. 20.
Benning, Wilbert O., Los Angeles, Calif., assignor to Pacific Clay Products Company. Sizing machine. 2,373,941; Apr. 17.
Benning, Wilbert O., Los Angeles, Calif., assignor to Pacific Clay Products Company. Color grading apparatus. 2,375,889; May 15.
Bennion, Leslie H., and W. A. Smart, Leicester, England, assignors to United Shoe Machinery Corporation, Flemington, N. J. Skiving machine. 2,373,159; Apr. 10.
Benoit, Joseph P., Alton, Ill., assignor to Owens-Illinois Glass Company. Article conveying mechanism. 2,381,798; Aug. 7.
Bens, Frederick P: *See*—
Parke, R. M., and Bens.
Bensel-Brice Corporation: *See*—
Bensel, Duryea, assignor.
Bensel, Duryea, Los Angeles, Calif. Safety razor. 2,388,536; Oct. 9.
Bensel, Duryea, assignor to Bensel-Brice Corporation, Los Angeles, Calif. Retort for packaged food. 2,389,117; Nov. 20.
Benson, Arthur E., Springfield, Mass. Reinforced rubber tread for track shoes. 2,369,130; Feb. 13.
Benson, B. Howard: *See*—
Mendelsohn, Bernard E., assignor.
Benson, Carl N., Jenkintown, assignor to S K F Industries, Inc., Philadelphia, Pa. Top roll assembly. 2,367,088; Jan. 9.
Benson, Frederick J., North Sacramento, Calif. Reversible tie. 2,371,947; Mar. 20.
Benson, Frederick J., North Sacramento, Calif. Sandal. 2,390,685; Dec. 11.
Benson, John H., assignor to Mullins Manufacturing Corporation, Salem, Ohio. Refrigerating apparatus. 2,371,215; Mar. 13.
Bent, Arthur J., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure control apparatus. 2,389,020; Nov. 13.
Bent, Franklin A., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Polyvinyl chloride composition. 2,387,111; Oct. 16.
Bent, John H., and R. W. Pearson, assignors to Stupakoff Laboratories, Inc., Pittsburgh, Pa. Extrusion press. 2,368,404; Jan. 30.
Bentley Engineering Company Limited, The: *See*—
Brooksby, E., and Deans, assignors.
Bentley, Herbert, New York, N. Y. Lady's hat. 2,370,442; Feb. 27.
Bentley, Robert H., assignor to The Arrow-Hart & Hegeman Electric Company, Hartford, Conn. Slow break electric switch. 2,366,474; Jan. 2.
Bentley, William W., Jr., New Carlisle, Ohio. Accelerometer. 2,386,777; Oct. 16.
Benton, Donald L., Los Angeles, Calif. Gauge device. 2,366,430; Jan. 2.
Benton, Dudley C., assignor, and by decree of court of one-half to M. E. Warren, San Diego, Calif. Blind fastening bolt and nut. 2,385,126; Sept. 18.
Benton, Medwin A., Liberty, N. Y. Receptacle filling apparatus. 2,383,761; Aug. 28.
Benz, August, assignor to Benz Spring Co., Portland, Oreg. Spring mounted logging bunk. 2,371,602; Mar. 20.
Benz, George R., Detroit, Mich., assignor to Phillips Petroleum Company. Valve assembly. 2,385,489; Sept. 25.
Benz, Helmut: *See*—
Kugel, F., and Benz.
Benz Spring Co.: *See*—
Benz, August, assignor.
Benzel, Howard A.: *See*—
Koester, N. C., Benzel, and Ledwin.
Berby, Ola L., and R. P. Fox, assignors to Clyde Iron Works, Inc., Duluth, Minn. Rotatable derrick. 2,374,074; Apr. 17.
Bercaitz, Maria A., Buenos Aires, Argentina. Pantee. 2,367,328; Jan. 16.
Berch, Samuel H., Beverly Hills, assignor to The Flexible Vacuum Container Corporation, Los Angeles, Calif. Paper receptacle. 2,369,654; Feb. 20.
Berch, Samuel H., Beverly Hills, assignor to The Flexible Vacuum Container Corporation, Los Angeles, Calif. Bag forming machine. 2,383,842; Aug. 28.
Berck, William F., Hayward, assignor to R. N. Brodie Company, Oakland, Calif. Predetermining counter for fluid meters. 2,383,702; Aug. 28.
Berdach, Ernest, New York, N. Y. Undergarment. 2,384,806; Sept. 18.
Berenson, Robert L.: *See*—
Stone, Seymour, assignor.
Berg, Anthony, Milwaukee, Wis. Dispensing tap. 2,373,373; Apr. 10.
Berg, Chester P., Litchfield, Minn. High voltage fusing tool. 2,366,233; Jan. 2
Berg, Christy L., St. Louis, Mo. Casket carrier. 2,372,927; Apr. 3.
Berg, Herbert: *See*—
Beer, L., Berg, and Gruber.
Berg, Herbert, and H. Heim, Burghausen, Germany; vested in the Alien Property Custodian. Producing catalysts. 2,369,524; Feb. 13.
Berg, Herbert, and M. Doriat, Burghausen, Germany; vested in the Alien Property Custodian. Porous polyvinyl chloride compositions. 2,371,868; Mar. 20.

Berg, Louis B.: *See*—
Stuhlman, F. A., and Berg.

Berg, Quentin, Detroit, Mich. Elevating mechanism. 2,368,191; Jan. 30.

Berg, Quentin, Detroit, Mich. Actuating mechanism. 2,377,859; June 12.

Berg, Quentin, Detroit, Mich. Auxiliary armor mounting. 2,380,393; July 31.

Berg, Quentin, Havre de Grace, Md., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,366,481; Jan. 2.

Berg, Werner H. C., Hartford, and V. A. Hanson, East Granby, assignors to The Whitney Chain & Mfg. Co., Hartford, Conn. Roller chain. 2,374,267; Apr. 24.

Berg, William A., assignor to Frederick Colman & Sons, Inc., Detroit, Mich. Lubricating device. 2,369,428; Feb. 13.

Berg, William M., New York, N. Y. Self-releasing die holder. 2,391,671; Dec. 25.

Berg, Willie, Chicago, Ill. Unitary foldable music stand. 2,383,287; Aug. 21.

Berge, Joseph, East Orange, N. J., assignor to Jaeger Watch Company, Inc., New York, N. Y. Instrument assembly. 2,368,105; Jan. 30.

Bergel, Franz, A. L. Morrison, N. C. Hindley, and A. R. Moss, assignors to Roche Products Limited, Welwyn Garden City, England. Manufacture of substances promoting the growth of yeast and other unicellular plants. 2,372,654; Apr. 3.

Bergel, Franz, A. Cohen and J. W. Haworth, Welwyn Garden City, assignors to Roche Products Limited, Welwyn Garden City, Hertfordshire, England. Manufacture of isoalloxazine derivatives. 2,374,661; May 1.

Bergel, Franz, A. Cohen, and J. W. Haworth, Welwyn Garden City, assignors to Roche Products Limited, Welwyn Garden City, Hertfordshire, England. Manufacture of methoxymethylene-malonitrile. 2,375,185; May 8.

Bergel, Franz, N. C. Hindley, A. L. Morrison, and H. Rinderknecht, assignors to Roche Products Limited, Welwyn Garden City, England. Manufacture of arylacetonitrile derivatives. 2,382,285; Aug. 14.

Bergel, Franz, and A. Cohen, Welwyn Garden City, assignors to Roche Products Limited, Welwyn Garden City, Hertfordshire, England. Manufacture of aminoalkylidene succinic acid derivatives. 2,384,068; Sept. 4.

Bergen, Bernhard, Washington, D. C. Airplane propeller. 2,388,464; Nov. 6.

Bergen, Daniel E., Phillips, Tex., assignor to Phillips Petroleum Company. Lubricant. 2,385,964; Oct. 2.

Bergen, Daniel E., Phillips, Tex., assignor to Phillips Petroleum Company. Lubricant. 2,368,106; Jan. 30.

Bergen, Edward, Bronxville, assignor to The Rieser Company, Inc., New York, N. Y. Hair curler. 2,379,272; June 26.

Berger, Adolph L., Dayton, Ohio. Centrifugal air compressor. 2,390,504; Dec. 11.

Berger, Arthur: *See*—
Nallinger, F., and Berger.

Berger, Arthur J., New York, N. Y. Pendulum impact tester. 2,388,246; Nov. 6.

Berger Brothers Company, The: *See*—
Versoy, Irving R., assignor.

Berger, Edwin: *See*—
Gefficken, W., and Berger.

Berger, Emric: *See*—
Laddon, I. M., and Berger.

Berger, Guido F., assignor to Hamilton Manufacturing Company, Two Rivers, Wis. Wood and metal connection or the like. 2,376,570; May 22.

Berger, Henry G.: *See*—
Angel, H. S., Fuller, and Berger.
Badertscher, D. E., Williams, and Berger.
Frank, F. C., Badertscher, and Berger.

Berger, Henry G., T. T. Noland, and E. W. Fuller, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Mineral oil composition. 2,373,094; Apr. 10.

Berger, Henry G., G. S. Crandall, and J. F. Socolofsky, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Treatment of drying oils. 2,380,394; July 31.

Berger, Herbert R., Brooklyn, assignor to J. F. Jelenko & Co., Inc., New York, N. Y. Casting apparatus. 2,375,463; May 8.

Berger, John L., Columbia, assignor to Armstrong Cork Company, Lancaster, Pa. Press pad. 2,369,643; Feb. 20.

Berger, John L., Columbia, assignor to Armstrong Cork Company, Lancaster, Pa. Sheet metal shaping and shearing. 2,377,664; June 5.

Berger, John L., Columbia, assignor to Armstrong Cork Company, Lancaster, Pa. Molded inlaid linoleum manufacture. 2,389,836; Nov. 27.

Berger, Julius, Berlin-Wilhelmsruh, Germany, and P. Hirsch, New York N. Y. assignors to Michigan Patents Corporation, Jackson Mich. Hose conduit. 2,376,614; May 8.

Berger, Karl, Zurich-Zollikon, assignor to Landis & Gyr, Aktiengesellschaft, Zug, Switzerland. Exhibiting device for short electrical impulses. 2,367,329; Jan. 16.

Berger, Karl F., Fairfield, Conn. Lathe. 2,370,286; Feb. 27.

Berger, Knute, Seattle, Wash. Hawsepipe. 2,391,290; Dec. 18.

Berger, Leo: *See*—
Lee, J., and Berger.
Lee, J., Solmasen, and Berger.

Berger, Tyrrell A. S.: *See*—
Nichols, Floyd A., assignor.

Bergès, André, Lorp Par Saint Lizier, Arriege, France; vested in the Alien Property Custodian. Method and apparatus for purifying paper pulp. 2,379,411; July 3.

Bergevin, Charles R., assignor to The Torrington Manufacturing Co., Torrington, Conn. Wire coiling apparatus. 2,388,630; Nov. 6.

Berggren, Thurston V., Chicago, Ill., assignor to United Autographic Register Co. Manifold stationery. 2,371,791; Mar. 20.

Bergbaus, Bernhard, Berlin-Lankwitz, and W. Burkhardt, Berlin-Grunewald, Germany; vested in the Alien Property Custodian. Electric reaction furnace. 2,371,278; Mar. 13.

Bergk, Hans, Krefeld, Germany; vested in the Alien Property Custodian. Producing polymers. 2,371,869; Mar. 20.

Berglund, Gustav A., Dobbs Ferry, assignor to Remington Rand Inc., Buffalo, N. Y. Micro film projector. 2,377,476; June 5.

Bergman, Raymond W.: *See*—
Scholl, C. F., and Bergman.

Bergman, Seymour, Dover, N. J. Soldering iron. 2,382,390; Aug. 14.

Bergmann, Christian N., Pittsburgh, assignor of one-third to C. M. Clarke, Sewickley, Pa. Automatic start and stop mechanism. 2,368,738; Feb. 6.

Bergmann, Christian N., Pittsburgh, assignor of two-sixths to C. M. Clarke, Sewickley, Pa. Container conveyer and distributor. 2,371,419; Mar. 13.

Bergmann, Ernst: *See*—
Friedheim, E. A. H., and Bergmann.

Bergmann, Ernst R., assignor to Goodman Manufacturing Company, Chicago, Ill. Shaker conveyer. 2,379,337; June 26.

Bergmann, Ernst R., assignor to Goodman Manufacturing Company, Chicago, Ill. Connecting means for conveyer troughs. 2,381,252; Aug. 7.

Bergmann, Rudolph C.: *See*—
Elman, H. K., and Bergmann.

Bergmann, Rudolph C., assignor to Benjamin Moore & Co., New York, N. Y. Paint applying device. 2,371,948; Mar. 20.

Bergmark, Ernest R.: *See*—
Sager, F. P., Bergmark, Ryan, and Atherton.

Bergren, Lloyd R., assignor to The Louden Machinery Company, Fairfield, Iowa. Traction device. 2,367,089; Jan. 9.

Bergstein, Frank D., et al., trustees: *See*—
Bergstein, Robert M., assignor.

Bergstein, Robert M., Cincinnati, Ohio, assignor to R. M. and F. D. Bergstein, trustees. Carton with removable liner. 2,389,291; Nov. 20.

Bergsteinsson, Ingolfur, El Cerrito, assignor to Shell Development Company, San Francisco, Calif. Catalytic hydroxylation of olefinic double bonds. 2,373,942; Apr. 17.

Bergstrom, Carl A., Euclid, W. C. Bergstrom and O. C. Hedin, Cleveland Heights, and E. W. Pennington, Shaker Heights, assignors to The Weldon Tool Company, Cleveland, Ohio. Machine tool with optical system. 2,372,470; Mar. 27.

Bergstrom, Clara O., Portland, Oreg. Hairpin. 2,388,381; Nov. 6.

Bergstrom, Roland F.: *See*—
Van Ess, P. R., and Bergstrom.

Bergstrom, Walter C.: *See*—
Bergstrom, C. A. and W. C., Hedin, and Pennington.

Bergvall, Royal C.: *See*—
Ludwig, L. R., and Bergvall.

Berheim, Emile, New York, N. Y. Brush. 2,385,490; Sept. 25.

Bering, Jorgen D., Pasadena, Calif. Processing and concentrating fruit juices. 2,378,533; June 19.

Berk, F. W., & Company: *See*—
Comstock, Gregory J., assignor.

Berk, F. W., and Company Limited: *See*—
Axt, Mojzesz O., assignor.

Berkeley Pump Company: *See*—
Carpenter, Fred A., assignor.

Berkey, William E.: *See*—
Slepian, J., and Berkey.

Berkey, William E., and R. Lamphere, Forest Hills, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Ignition system. 2,378,893; June 26.

Berkholder, George H., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Diaphragm valve. 2,381,799; Aug. 7.

Berkman, Boris, assignor to Milkweed Products Development Corporation, Chicago, Ill. Floss fiber liberation. 2,375,186; May 8.

Berkman, Boris, A. R. Bacon, and C. Weber, assignors to Milkweed Products Development Corporation, Chicago, Ill. Milkweed gin. 2,375,187; May 8.

Berkovits, Irene B., New York, N. Y. Manufacture of paper for stencil sheets. 2,380,718; July 31.

Berkow, Murray, New York, N. Y., and C. F. Mullen, Long Branch, assignors to Central Aircraft Corporation, Keyport, N. J. Aircraft construction. 2,367,750; Jan. 23.

Berkow, Murray, New York, N. Y., assignor to Central Aircraft Corporation, Keyport, N. J. Airplane. 2,388,247; Nov. 6.

Berkowitz, Benjamin, Philadelphia, Pa. Apron. 2,377,747; June 5.

Berkowitz, Eugene B., Kansas City, Mo., assignors to Tension Envelope Corporation of Kansas City. Envelope. 2,374,798; May 1.

Berks County Trust Company: *See*—
Slagle, George H., assignor.
Wyllie, Francis O., assignor.

Berl, Ernest, Pittsburgh, Pa. Continuous production and stabilization of nitrates of cellulose or nitrates of other alcohols like starch. 2,384,415; Sept. 4.

Berler, Irving: *See*—
Schlieben, E. W., Ogden, and Berler.

Berlin, Donovan R., and C. G. Trimbach, Eggertsville, N. Y., assignors to Curtiss-Wright Corporation. Gun sealing means. 2,385,051; Sept. 18.

Berliner, Henry A., Washington, D. C., assignor to Engineering and Research Corporation, Riverdale, Md. Variable pitch propeller. 2,370,135; Feb. 27.

Berliner, Henry A., Washington, D. C., assignor to Engineering & Research Corporation, Riverdale, Md. Propeller blade. 2,370,136; Feb. 27.

Berls, Rudolph F., New York, N. Y. Cosmetic case. 2,367,992; Jan. 23.

Berman, David, assignor of one-half to M. Makransky, Brooklyn, N. Y. Sanitary fluid dispensing device. 2,388,111; Oct. 30.

Berman, Minnie, Roxbury, Mass. Screen for baby pens. 2,382,851; Aug. 14.

Berman, Philip, New York, N. Y. Eductor. 2,382,391; Aug. 14.

Berman, Paul, Philadelphia, Pa. Collapsible clothes drier. 2,384,878; Sept. 18.

Berman, Reuben R., Washington, D. C. Adjustable reel and collapsible support therefor. 2,382,968; Aug. 21.

Berman, Samuel, and V. J. Macaluso, Bayonne, N. J. Plastic bobby pin. 2,378,747; June 19.

Bernard, Cecil A., West Coburg, and W. A. S. Pate, South Yarra, Melbourne, Victoria, Australia. Blower head for the separation of card or paper stock. 2,374,578; Apr. 24.

Bernard, Charles W., Detroit, Mich. Stamp hinge folding, cutting, and packaging assembly. 2,379,859; July 10.

Bernard, Jan L., Southwell, England. Gas lift pumping apparatus. 2,391,542; Dec. 25.

Bernascone, Henry, et al.: *See*—
Vanore, Joseph, assignor.

Bernhard, Otto, New Rochelle, N. Y. Tractor. 2,375,184; May 8.

Bernheim, Daniel P.: *See*—
Baratelli, C. A., Bernheim, and Lown.

Bernheim, Daniel P., and E. M. Splaine, Southbridge, W. H. Lehmberg, Newton, W. Lown, Boston, and C. A. Baratelli, Cambridge, assignors to American Optical Company, Southbridge, Mass. Eye protection means. 2,388,205; Oct. 30.

Berninger, Kenneth L.: *See*—
MacNeil, C. S. J., Haines, Martin, and Berninger.

Berninger, Kenneth L., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Flasher switch. 2,388,033; Oct. 30.

Bernits Furnace Appliance Company: *See*—
Schroder, Charles H., assignor.

Berns, Dan S., and C. J. Cardona, Los Angeles, Calif. Vibrating shampoo device. 2,369,881; Feb. 20.

Berns, Mel: *See*—
Satz, F. and Berns.

Berns, Molly, New York, N. Y. Brassière. 2,373,095; Apr. 10.

Bernstein, Isidor M., and H. J. Lanson, assignors to H. D. Roosen Company, Brooklyn, N. Y. Purified pentaerythritol reaction by-product. 2,376,224; May 15.

Bernstein, Louis, Brooklyn, N. Y. Folding pocket fan. 2,371,792; Mar. 20.

Bernstein, Paul, Roanoke, Va. Railway mail delivery device. 2,379,412; July 3.

Bernstein, Wilburn F., Brookfield, T. F. Mika, and S. M. Lillis, Chicago, and O. L. Colwell, Cicero, assignors to Victor Manufacturing & Gasket Company, Chicago, Ill. Making gasket material. 2,367,181; Jan. 16.

Bernstorff, Hans, Frankfort-on-the-Main, and A. Allendörfer, Bad Homburg, Germany; vested in the Alien Property Custodian. Device for stirring melts. 2,390,052; Dec. 4.

Berrisford, Harry R.: *See*—
Blaylock, R. C., and Berrisford.

Berry, Charles R., Vicksburg, assignor of one-half to H. A. Gamble, Greenville, Miss. Cotton harvesting machine. 2,387,004; Oct. 16.

Berry, Clifford E., assignor to Consolidated Engineering Corporation, Pasadena, Calif. Mass spectrometry. 2,370,631; Mar. 6.

Berry, Earl A.: *See*—
Hornbostel, L., and Berry.
Neiman, G. C., Coggeshall, Berry, and Wilbur.

Berry, Earl E., assignor to Beloit Iron Works, Beloit, Wis. Reverse press section for paper making machines. 2,386,584; Oct. 9.

Berry, Earl E., and L. Hornbostel, assignors to Beloit Iron Works, Beloit, Wis. Multicouch roll paper making machine. 2,369,653; Feb. 20.

Berry, Henry J., Detroit, Mich. Rotatable sanding or buffing tool. 2,371,021; Mar. 6.

Berry, Henry W., West Collingswood, N. J., assignor to Radio Corporation of America. Phase inverter. 2,390,824; Dec. 11.

Berry, Le Roy E., Stockton, Calif. Dry cleaning machine. 2,387,823; Oct. 30.

Berry, Norton E., Summit, N. J., assignor to General Foods Corporation, New York, N. Y. Solvent extraction of solid materials. 2,381,965; Aug. 14.

Berry, Prentiss L., Vance, Miss. Cotton cleaner. 2,366,705; Jan. 9.

Berry, R. S.: *See*—
Buttress, George A., assignor.

Berry, Wallace S., and R. H. Phelps, Kenosha, and T. Ulrich, Milwaukee, assignors to Nash-Kelvinator Corporation, Kenosha, Wis. Steerable road wheel mounting. 2,369,644; Feb. 20.

Berry, William E.: *See*—
Wilson, M. M., and Berry.

Berryman, Joseph De N., Philadelphia, Pa. Cooling device. 2,370,390; Feb. 27.

Bers, Sara J., assignor to Armstrong Cork Company, Lancaster, Pa. Preparing a molded zein article and the resulting article. 2,385,679; Sept. 25.

Bersuder, John E.: *See*—
Waldie, W. A., and Bersuder.

Bersworth, Frederick C., Verona, assignor to The Martin Dennis Company, Newark, N. J. Forming fatty acid substituted amino compounds. 2,374,915; May 1.

Bersworth, Frederick C., Verona, assignor to The Martin Dennis Company, Newark, N. J. Forming carboxylic amino acids. 2,387,735; Oct. 30.

Bersworth, Frederick C., Verona, assignor to The Martin Dennis Company, Newark, N. J. Forming carboxylic substituted amines. 2,387,976; Oct. 30.

Bert, Samuel D., assignor of one-third to M. A. Yorkin and one-third to J. D. Martin, Washington, Pa. Glass forming machine. 2,378,176; June 12.

Bertalan, Edward, Glenn Arm, and E. U. Rice, Towson, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Tube forming die. 2,373,530; Apr. 10.

Bertalan, Edward, Glen Arm, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Tube forming die. 2,373,531; Apr. 10.

Bertalan, Edward, Glen Arm, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Tube forming die. 2,373,530; Apr. 10.

Bertea, Alexander, assignor to Burwood Corporation, Los Angeles, Calif. Pump. 2,378,390; June 19.

Bertheimann, Arthur B., Madison, Wis. Spring means. 2,391,120; Dec. 18.

Berthiez, Charles W., Paris, France; vested in the Alien Property Custodian. Rail clamping device for planers and the like. 2,382,392; Aug. 14.

Berthold, Walter K., Rockville, assignor to Hartford-Empire Company, Hartford, Conn. Sealed package. 2,380,395; July 31.

Berthold, Walter K., Rockville, assignor to Hartford-Empire Company, Hartford, Conn. Sealed package. 2,380,396; July 31.

Bertram, John, & Sons Co. Limited, The: *See*—
Knutzen, Max T., assignor.

Beryllium Corporation, The: *See*—
Donachie, Matthew J., assignor.

Beskin, Leon, New York, N. Y., assignor to The Ingalls Iron Works Company. Door operating mechanism. 2,372,648; Apr. 3.

Besly, Donald M.: *See*—
Birch, S. F., and Besly.

Besser, Otto R., Maspeth, N. Y. Electric fluorescent lighting device. 2,373,219; Apr. 10.

Bessin, Harold E., Dorchester, and F. E. Farnum, Milton, Mass. Taking impressions of eye-balls. 2,370,389; Feb. 27.

Best, Cyril, and S. R. Chown, Deptford, London, S. E. 8, assignors to Molins Machine Company, Limited, London, S. E. 8, England. Apparatus for feeding articles from a supply. 2,371,126; Mar. 13.

Best Foods, Inc., The: *See*—
Gooding, Chester M., assignor.
Schaub, Jacob, assignor.

Best, Frank A., Windsor, Ontario, Canada. Reflecting device for signs and the like. 2,384,524; Sept. 11.

Best, Frank E., Indianapolis, Ind. Master compass and inertia means. 2,370,000; Feb. 20.

Best, Marie J., Bronxville, N. Y. Fireplace ashpan. 2,377,665; June 5.

Beste, Harold E., East Rutherford, assignor to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Telegraph code recorder. 2,391,082; Dec. 18.

Beswick, Robert E., Marple, England. Nut for quick attachment. 2,367,480; Jan. 16.

Bethlehem Steel Company: *See*—
Davidson, Harvey E., assignor.
Liehn, K. H., and Crewe, assignors.
Fahy, Frank E., assignor.
Fine, L., and Kelchner, assignors.
Francisco, Herbert H., assignor.
Gregg, J. L., and Jette, assignors.
Graner, Hobart M., assignor.
Murphy, Donald W., assignor.
Rudrow, F. S., and Mills, assignors.
Somers, Robert E., assignor.
Statler, W. H., and Miller, assignors.
Ward, Clemson H., assignor.
White, William E., assignor.

Bethune, John W., Wyandotte, Mich. Piano construction. 2,347,491; Oct. 23.

Bettendorf Company, The: *See*—
Kottman, Arthur A., assignor.
Leppla, Rudolph, assignor.
Schrage, Frederick S., assignor.

Better Packages Incorporated: *See*—
Krueger, Theodore H., assignor.

Bettes, Sidney F., New York, N. Y. Clothes hanger. 2,380,143; July 10.

Betterton, Jesse O., Santa Ana, Calif., and Y. E. Lebedeff, Metuchen, N. J., assignors to American Smelting and Refining Company, New York, N. Y. Recovering selenium. 2,378,824; June 19.

Betterton, Thomas B.: *See*—
Holabird, W. S., and Betterton.

Bettington, Egerton M., Welwyn Garden City, assignor to Aviation Developments Limited, London, England. Riveting tool. 2,384,434; Sept. 11.

Bettmann, Ernest H., assignor to W. Liebrecht, New York, N. Y. Orthopedic child's sandal. 2,390,416; Dec. 4.

Betts, John R., Kearney, Nebr. Well construction. 2,369,939; Feb. 20.

Betts, Mazeppa D., Rockport, assignor to Sylvania Electric Products Inc., Salem, Mass. End cap for gaseous discharge lamps. 2,386,190; Oct. 9.

Betts, William B., Binghamton, N. Y. Box covering machine. 2,369,940; Feb. 20.

Betz, William G., Chicago, Ill., assignor to Pratt, Read & Company, Ivoryton, Conn. Piano action. 2,367,192; Jan. 16.

Beuer, Frederick G., assignor to Carter Carburetor Corporation, St. Louis, Mo. Bolt lock device. 2,370,223; Feb. 27.

Beutel, Ralph H.: *See*—
Tishler, M., and Beutel.

Bevan, Glen P., Toronto, Ontario, Canada, assignor to Reo Motors, Inc., Lansing, Mich. Rotary plow. 2,372,172; Mar. 27.

Bevan, James E., Bethlehem, Pa., assignor, by mesne assignments, to Realty and Industrial Corporation, Convent, N. J. Switchgear for explosive atmospheres. 2,376,471; May 22.

Beverly, Charles S., Brooklyn, N. Y. Pop-up spud wrench. 2,384,525; Sept. 11.

Beyer, Charles E., Rosamond, Calif. Oil burner. 2,382,463; Aug. 14.

Beyer, Paul J.: *See*—
Ford, H., Boyer, and Beyer.

Beyer, Rudolph J., New Britain, Conn. Presser foot for ribbon bindings. 2,377,204; May 29.

Beyer, Werner K. R., Dresden, Germany; vested in the Alien Property Custodian. Sewing machine. 2,378,534; June 19.

Beyland, Sidney W., Queens Village, N. Y., assignor to American Telephone and Telegraph Company. Telegraph transmission measuring system. 2,376,225; May 15.

Bezzerides, Paul A., Orosi, Calif. Post setter and puller. 2,374,406; Apr. 24.

Bhend, John J.: *See*—
Veitzel, Charles J., assignor.

Bibb, Carlisle H., assignor to Newport Industries, Inc., Pensacola, Fla. Producing isoprene. 2,386,537; Oct. 9.

Bibb, Carlisle H., and R. C. Palmer, assignors to Newport Industries, Inc., Pensacola, Fla. Drying oil substitute and making the same. 2,388,947; Nov. 13.

Biby, Howard A., Riverside, Calif. Toy bulldozer. 2,385,965; Oct. 2.

Bichowsky, Francis R., Ann Arbor, Mich. Air conditioning. 2,372,309; Mar. 27.

Bichowsky, Francis R., Ann Arbor, Mich. Refrigerating. 2,378,177; June 12.

Bichsel, Harry J.: *See*—
Burgwin, S. L., Mahoney, and Bichsel.

Bick, Edwin C., Los Angeles, Calif. Regulating and reducing adapter for sand blast machines. 2,388,818; Nov. 13.

Bickel, Bruce T.: *See*—
Davidson, J. T., and Bickel.

Bickel, Bruce T., assignor to The Standard Register Company, Dayton, Ohio. Imprinting apparatus. 2,384,807; Sept. 18.

Bickel, Clifford A., assignor to The Monarch Machine Tool Company, Sidney, Ohio. Lathe. 2,374,322; Apr. 24.

Bickel, Clifford A., assignor to The Monarch Machine Tool Company, Sidney, Ohio. Gear change mechanism for lathes. 2,377,305; June 5.

Bickel, Clifford A., assignor to The Monarch Machine Tool Co., Sidney, Ohio. Sensitive precision lathe. 2,381,422; Aug. 7.

Bickel, Clifford A., assignor to The Monarch Machine Tool Co., Sidney, Ohio. Apparatus for operating lathes. 2,389,757; Nov. 27.

Bicker, Albert H., Avon Park, Fla. Trailer jack. 2,372,705; Apr. 3.

Bickley, Everett H., Bala Cynwyd, Pa. Oil delivery control system. 2,377,860; June 12.

Bicknell, George R., Antioch, and F. A. Heidenfelder, Chicago, Ill., assignors to The American Laundry Machinery Company, Norwood, Ohio. Folding table. 2,367,261; Jan. 16.

Biddle, Farrell D., Milwaukee, Wis., assignor to Pierce Governor Company, Anderson, Ind. Compensating governor controlled throttle. 2,370,224; Feb. 27.

Bidwell, Earl E., San Diego, Calif., assignor to W. P. Innes, Jr., Wichita, Kans. Fluid meter. 2,388,248; Nov. 6.

Biebel, Herman M., assignor to McGraw Electric Company, Elgin, Ill. Water heater control system. 2,379,675; July 3.

Bieber, Clarence G., Huntington, W. Va., assignor to The International Nickel Company, Inc., New York, N. Y. Alloy for permanent magnets. 2,384,450; Sept. 11.

Biederman, Joseph B., Cincinnati, Ohio. Respiratory filtering device. 2,378,971; June 26.

Biedermann, Friedrich, Munchen-Unterhaching, Germany; vested in the Alien Property Custodian. Apparatus for the reversal of color photographic negatives. 2,374,916; May 1.

Biefeld, Karl, Bad Freienwalde on the Oder, Germany; vested in the Alien Property Custodian. Nonmetallic electric resistance material and producing same. 2,370,443; Feb. 27.

Biehl, Alfred M., assignor to Railway Refrigeration Corporation, New York, N. Y. Refrigerating system for mobile vehicles. 2,374,972; May 1.

Biel, Edward J., Brookline, Mass. Making visors for uniform caps. 2,369,275; Feb. 13.

Bierly, Lester A., Massillon, Ohio. Anti-icing device for aircraft. 2,387,637; Oct. 23.

Bierman, Daniel H., Malverne, assignor to Petrometer Corporation, Long Island City, N. Y. Liquid depth ascertaining means. 2,368,589; Jan. 30.

Bierman, George H., River Forest, Ill., assignor to American Can Company, New York, N. Y. Pump device for machines for applying coating material to articles moving in processions. 2,387,736; Oct. 30.

Bierman, Harry C., New Rochelle, N. Y. Protective armor. 2,384,594; Sept. 11.

Bierman, William: *See*—
Schenker, Abraham W., assignor.

Bierwert, Howard L., Maplewood, N. J. Flower holder and arranger. 2,381,253; Aug. 7.

Bierwirth, Rudolph A., Kingston, N. J., assignor to Radio Corporation of America. Cellulosic material. 2,373,374; Apr. 10.

Biery, Arthur, Pine Island, Minn. Adjustable ladder leg. 2,366,829; Jan. 9.

Biery, John E., Jersey City, N. J., assignor to Combustion Engineering Company, Inc., New York, N. Y. Baffle for steam and water separators. 2,368,443; Jan. 30.

Bigarani, Edward A., San Francisco, and F. E. Reulck, Berkeley, Calif. Work fixture. 2,369,645; Feb. 20.

Bigelow, James W., Seattle, Wash. Shouldered transfer chain. 2,366,380; Jan. 2.

Bigelow-Liptak Corporation: *See*—
Spencer, Basil G., assignor.

Bigelow, Roy S., assignor to Goodman Manufacturing Company, Chicago, Ill. Shaker conveyer trough. 2,384,069; Sept. 4.

Bigelow-Sanford Carpet Co., Inc.: *See*—
Quinn, F. B., and Levitch, assignors.

Bigg, Edward: *See*—
Jennings, B. H., and Bigg.

Biggert, Florence C., Jr., Pittsburgh, Pa., assignor to United Engineering and Foundry Company. Servomotor. 2,370,137; Feb. 27.

Biggs, Burnard S., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Production of primary and secondary amines. 2,388,034; Oct. 30.

Biggs, Burnard S., and A. H. White, Summit, and W. A. Yager, Murray Hill, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Nitrodichloro-xylene compositions. 2,374,973; May 1.

Bigler, Lisle: *See*—
Bryan, Bent R., assignor.

Bihr, Alphonse, Forest Hills, assignor to Palm, Fechteler & Co., New York, N. Y. Decalcomania. 2,374,323; Apr. 24.

Bilan, John, Flint, Mich. Oil burner. 2,374,799; May 1.

Bilan, John, Flint, Mich. Stove. 2,388,593; Nov. 6.

Bilan, John, Flint, Mich. Heating unit. 2,391,382; Dec. 25.

Bilde, Tord E. D., Stockholm, Sweden. Electric lighting device. 2,368,700; Feb. 6.

Bilié, Warren G., Seattle, Wash. Wave damping device. 2,382,393; Aug. 14.

Billeb, Clyde K., Shorewood, assignor to Milprint, Inc., Milwaukee, Wis. Manufacturing pouches. 2,380,914; Aug. 7.

Biller, David J., assignor to Day-Brite Lighting, Inc., St. Louis, Mo. Fluorescent lamp mounting. 2,380,211; July 10.

Biller, David J., assignor to Day-Brite Lighting, Inc., St. Louis, Mo. Portable electric lighting fixture. 2,382,538; Aug. 14.

Billhelmer, Willard C.: *See*—
Koenig, H. L., Billhelmer, and Havlick.

Billing, Noel P., Kingston Hill, England. Propeller drive for marine vessels. 2,372,247; Mar. 27.

Billinghurst, Wilfred A., Elizabeth, assignor of one-half to C. Handler, Newark, N. J. Self-feeding power-driven screw driver or like tool. 2,373,992; Apr. 17.

Billings, Roy O., Milwaukee, Wis. Excavating bucket. 2,382,955; Aug. 21.

Billmeyer, Bruce R., assignor to Armstrong Cork Company, Lancaster, Pa. Long draft apron. 2,377,316; June 5.

Billner, Karl P., Philadelphia, Pa., and R. W. Carlson, Belmont, Mass. Making concrete structures. 2,376,414; May 22.

Bi-Metallic Products Corporation: *See*—
Buffum, Frank G., assignor.

Binckley, George S., Los Angeles, Calif., assignor, by decree of court, and mesne assignments, to S. W. Binckley, as trustee. Fluid meter. 2,377,605; June 5.

Binckley, Sydney W.: *See*—
Binckley, George S., assignor.

Binder, Joseph, Danville, Ill., assignor to W. A. Andrews, Chicago, Ill., and one-half to M. L. Andrews, St. Louis, Mo. Shoe construction. 2,383,585; Aug. 28.

Binder, Keith A.: *See*—
Watson, J. E., and Binder.

Bingenheimer, Harry P., Jacksonville, Fla. Juice extracting apparatus. 2,368,800; Feb. 6.

Bingham, Charles R., Davenport, Iowa. Vehicle hitch. 2,378,460; June 19.

Bingham, Charles R., Davenport, Iowa. Vehicle hitch. 2,384,363; Sept. 4.

Bingham, David W., Middle Brighton, Victoria, Australia. Apparatus for filling cans and other containers. 2,374,268; Apr. 24.

Bingham, David W., Middle Brighton, Victoria, Australia. Apparatus for filling containers with liquids, pastes, or discrete material. 2,388,036; Oct. 30.

Bingham, George H., Jr., Lincoln, assignor to Cambridge Rubber Company, Cambridge, Mass. Life preserving apparatus. 2,384,721; Sept. 11.

Bingley, Frank J., Chestnut Hill, assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Method and apparatus for reducing echo effects in picture transmission systems. 2,372,876; Apr. 3.

Bingley, Frank J., Chestnut Hill, and W. E. Bradley, Northampton, assignors to Philco Radio and Television Corporation, Philadelphia, Pa. Method and apparatus for reducing echo effects in picture transmission systems. 2,386,087; Oct. 2.

Bingley, Frank J., Philadelphia, and W. E. Bradley, Swarthmore, assignors to Philco Radio and Television Corporation, Philadelphia, Pa. Method and apparatus for reducing echo effects in picture transmission systems. 2,386,088; Oct. 2.

Bingman, Frederick P., Birmingham, assignor to R. C. Mahon Company, Detroit, Mich. Automatic foam control for air cleaners. 2,379,338; June 26.

Binkert, Carl F., Toledo, and J. E. Jendriask, Rossford, assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Bending glass. 2,377,849; June 12.

Binkley, Stephen B.: *See*—
Doisy, E. A., MacCorquodale, Thayer, Binkley, and McKee.

Binks Manufacturing Company: *See*—
Gustafsson, E., and Baur, assignors.
Harker, G. A., Gustafsson, Allen, and Nelson, assignors.
Roche, John F., Jr., assignor.
Wilmes, W. L., Baur, and Gustafsson, assignors.

Binnewag, Abraham, Jr., Oakland, Calif. Radio tube. 2,372,649; Apr. 3.

Binnington, Donald S., St. Paul, Minn., assignor to General Mills, Inc. Apparatus for saponification and extraction. 2,373,646; Apr. 17.

Binns, Charles E., and S. Palmer, assignors to Versil Limited, Liversedge, England. Insulating sheet or strip. 2,372,877; Apr. 3.

Binns, Charles E., and S. Palmer, assignors to Versil Limited, Liversedge, England. Insulating sheet or strip. 2,372,878; Apr. 3.

Binns, George W.: *See*—
Theler, F. J., Binns, and Decker.

Binns, George W., and F. J. Theler, assignors to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Grinding machine. 2,377,921; June 12.

Birch, Stanley F., and D. M. Besly, Sunbury-on-Thames, assignors to Anglo-Iranian Oil Company Limited, London, England. Conversion of hydrocarbons. 2,373,740; Apr. 17.

Birch-Field, Charles A., New York, N. Y. Projection in color. 2,385,770; Oct. 2.

Birchfield, Roy R., Shreveport, La. Hydraulic brake. 2,389,405; Nov. 20.

Bird, Anthony, et al.: *See*—
Plebanek, Leonard Z., assignor.

Bird, Byron M., Columbus, Ohio, assignor, by mesne assignments, to The Jeffrey Manufacturing Company. Jig. 2,384,151; Sept. 4.

Bird, Emerson B., Richmond, Calif. Quick-detachable faucet connection. 2,371,375; Mar. 13.

Bird, George W. T.: *See*—
Forbes, L. J., and Bird.

Bird, Len O.: *See*—
Brimhall, Kirk L., assignor.

Birdick, Philip A., Berkeley, Calif. Optical system 2,387,113; Oct. 16.

Birdsall, Edwin H., Golden, Ohio, assignor to Remington Arms Company, Inc., Bridgeport, Conn. Gauging device. 2,387,638; Oct. 23.

Birdsboro Steel Foundary and Machine Company: *See*—
Martin, Mark H., assignor.

Bird-White Corporation: *See*—
Watson, Charles E., assignor.

Birge, Nathaniel, Sherman, Tex. Internal-combustion pressure generator. 2,379,212; June 26.

Birk, Paul M.: *See*—
Trimbach, C. G., and Birk.

Birk, Paul M., Kenmore, and C. E. Slater, Jr., Williamsville, N. Y., assignors to Curtiss-Wright Corporation. Ammunition belt tension meter. 2,385,052; Sept. 18.

Birkemeier, Henry P., Chicago, Ill. Fishhook. 2,385,602; Sept. 25.

Birkenmaier, Theodore, assignor to W. N. Matthews Corporation, St. Louis, Mo. Electric switch. 2,367,090; Jan. 9.

Birkhimer, Edwin R.: *See*—
Leum, L. N., Birkhimer, and McCullough.

Birnie, John U.: *See*—
MacDonald, James A., assignor.

Biro, Laszlo J., Buenos Aires, Argentina. Writing instrument. 2,390,636; Dec. 11.

Bisbee, David P., San Marino, assignor to Rheem Manufacturing Company, Richmond, Calif. Work support for side seam welding. 2,371,376; Mar. 13.

Bischoff, Kurt, Erlangen, Germany; vested in the Alien Property Custodian. High-tension apparatus. 2,372,928; Apr. 3.

Bisheff, Mathew, Los Angeles, Calif. Picture support. 2,366,695; Jan. 9.

Bishkin, Sam L., Houston, Tex., assignor to Standard Oil Development Company. Method and agent for breaking water in oil emulsions. 2,374,917; May 1.

Bishop, Alfred H. C., Cranston, R. I. Magnifying glass holder. 2,384,233; Sept. 4.

Bishop, Arthur E. J., Chatswood, near Sydney, New South Wales, Australia. Damping swiveling oscillations in caster wheels. 2,367,993; Jan. 23.

Bishop, G. H., Co.: *See*—
Rieck, Roy J., assignor.

Bishop, James O., Torrance, and L. L. Babcock, Compton, Calif., assignors to The National Supply Company, Pittsburgh, Pa. Apparatus for flame hardening. 2,368,087; Jan. 30.

Bishop, James O., Torrance, and L. L. Babcock, Compton, Calif., assignors to The National Supply Company, Pittsburgh, Pa. Brinell hardness testing device. 2,375,341; May 8.

Bishop, John H., Wenonah, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Mineral oil composition. 2,376,306; May 15.

Bishop, Joseph H., Dayton, Ohio. Universal screw driver. 2,389,129; Nov. 20.

Bishop, Joseph H., and W. H. Cooper, Dayton, Ohio. Attachment for jacks. 2,368,192; Jan. 30.

Bishop, Thomas D.: *See*—
Howard, Jasper S., assignor.

Bishop, William C., assignor of one-half to G. W. Lisenbee, Vernon, Tex. Rodent exterminator. 2,390,686; Dec. 11.

Bishop, William H., and W. E. Clements, Birmingham, England. Panel and control mechanism therefor. 2,381,966; Aug. 14.

Biskamp, Ernest J., San Antonio, Tex. Measuring and dispensnig package. 2,381,800; Aug. 7.

Biske, Michel A.: *See*—
Boehlen, C. F. J., and Biske.

Bissett, Enid, assignor to Maiden Form Brassiere Company, Inc., New York, N. Y. Woman's undergarment. 2,378,826; June 19.

Bisson, Ernest W., Albany, N. Y., assignor to General Electric Company. Variable voltage divider. 2,386,651; Oct. 9.

Bittermann, Ferdinand J., Wheaton, assignor to Victor Manufacturing & Gasket Company, Chicago, Ill. Forming metallic bands. 2,389,758; Nov. 27.

Bittner, Raymond E.: *See*—
Packie, J. W., and Bittner.

Bitton, Wellington R., North Vancouver, British Columbia, Canada. Life boat. 2,382,126; Aug. 14.

Bivens, Maurice E., Schenectady, N. Y., assignor to General Electric Company. Electric valve circuit. 2,370,287; Feb. 27.

Bivens, Maurice E., Schenectady, N. Y., assignor to General Electric Company. Timing apparatus. 2,390,981; Dec. 18.

Bivens, Maurice E., Schenectady, N. Y., assignor to General Electric Company. Electric control circuit. 2,390,982; Dec. 18.

Bixby, Guy T., Dayton, Ohio. Feed mechanism for cartridge belts. 2,388,670; Nov. 13.

Bixby, Kenneth R., Galesburg, Ill. Screen. 2,390,983; Dec. 18.

Bixby, Walter, Boston, assignor to Shawmut Engineering Company, Dorchester, Mass. Yarn-carrier presenting means of tuft-fabric looms. 2,372,758; Apr. 3.

Bixler, Myron, Philadelphia, Pa. Carboy handling apparatus. 2,389,482; Nov. 20.

Bizjak, Stanley, Crivitz, Wis. Electrically powered glider. 2,368,630; Feb. 6.

Bjergel, Sven A., assignor to Telefonaktiebolaget L. M. Ericsson, Stockholm, Sweden. Acoustic alarm device. 2,371,949; Mar. 20.

Bjering, Olav: *See*—
Hohl, J., and Bjering.

Björklund, Gustaf A., and H. V. Törnebohm, Goteborg, Sweden, assignors to SKF Industries, Inc., Philadelphia, Pa. Gauging device. 2,372,879; Apr. 3.

Bjorksten, Johan: *See*—
Smedslund, Tor, assignors.

Bjorksten, Johan, Chicago, Ill. Preparation of protein compositions and masses having improved physical characteristics. 2,389,292; Nov. 20.

Blabor, Sloane: *See*—
Hudgins, Honider, assignor.

Black-Clawson Company, The: *See*—
Gibson, A. G. and Crawford, assignors.
Martindale, Homer D., assignor.

Black, Crayton K., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coloring wood. 2,391,613; Dec. 25.

Black and Decker Manufacturing Company, The: *See*—
Baker, James N., assignor.
Decker, Alonzo G., Jr., assignor.

Black, Elam L., et al.: *See*—
Black, James E., assignor.

Black, Eric A., Red Bank, N. J. Tensiometer. 2,387,737; Oct. 30.

Black, Harold S., Elmhurst, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical transmission testing system. 2,372,759; Apr. 3.

Black, Harold S., Elmhurst, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric oscillation generating circuit including a thermo-responsive impedance element. 2,375,273; May 8.

Black, Harold S., Elmhurst, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission system. 2,387,712; Oct. 30.

Black, Harry L., Moncton, New Brunswick, Canada, assignor to The Union Switch and Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,375,890; May 15.

Black, Howard C.: *See*—
Phelps, G. W., and Black.

Black, James B., and W. F. Shurts, Rockford, Ill., assignors to Twin Disc Clutch Company, Racine, Wis. Method and apparatus for cooling hydraulic coupling brakes. 2,388,112; Oct. 30.

Black, James E., assignor to J. E., E. L., W. J., and V. Black, a partnership doing business as Black Systems, Chicago, Ill. Building covering. 2,390,348; Dec. 4.

Black, James J., assignor to The Trailer Company of America, Cincinnati, Ohio. Adjustable roof bow for trailers. 2,368,405; Jan. 30.

Black, James J., assignor to The Trailer Company of America, Cincinnati, Ohio. Rear header for road vehicles. 2,371,497; Mar. 13.

Black, James J., assignor to The Trailer Company of America, Cincinnati, Ohio. Knockdown body for trailers. 2,382,376; Aug. 14.

Black, James J., assignor to The Trailer Company of America, Cincinnati, Ohio. Trailer vehicle with load regulated tow bar. 2,385,253; Sept. 18.

Black, Lawrence F., U. S. Army. Induction flatiron. 2,374,662; May 1.

Black, Lawrence F., Donora, and A. L. Kefover, Webster, Pa., assignors to The American Steel and Wire Company of New Jersey. Wire drawing equipment. 2,368,107; Jan. 30.

Black, Lloyd V., Tarentum, assignor to Pittsburgh Plate Glass Co., Allegheny County, Pa. Skeleton frame for supporting glass. 2,379,213; June 26.

Black Systems: *See*—
Black, James E.

Black, Theodore R., Tipp City, Ohio. Collapsible vehicle. 2,380,016; July 10.

Black, Virginia, et al.: *See*—
Black, James E., assignor.

Black, Whitfield J., et al.: *See*—
Black, James E., assignor.

Black, William F., Danube, Minn. Barber comb. 2,384,152; Sept. 4.

Blackburn Aircraft Limited: *See*—
Mivison, David B., assignor.
Palfrey, Sydney J., assignor.

Blackburn, Billee O.: *See*—
Evans, T. W., Blackburn, and Scheibli.

Blackburn, Billee O., Kensington Park District, assignor to Shell Development Company, San Francisco, Calif. Rubberlike copolymers and making. 2,391,817; Dec. 25.

Blackburn, George and Sons Limited: *See*—
Start, Harry W. and E., assignors.

Blackburn, Hubert E., Los Angeles, Calif. Sheet metal seam or joint. 2,381,030; Aug. 7.

Blackburn, John L., and J. F. Chapman, East Orange, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Carrier-current protective-relaying and telemetering system. 2,367,921; Jan. 23.

Blackburn, Norman W. G.: *See*—
Bancroft, Thomas, assignor.

Blackburn, Philip W., Yonkers, N. Y., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Discharge lamp and application thereof. 2,385,397; Sept. 25.

Blackburn, Wayne E., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Selenium rectifiers. 2,390,771; Dec. 11.

Blackhawk Mfg. Co.: *See*
Mandl, Siegmund, assignor.

Blackie, John S., Santa Cruz, Calif. Ditching machine. 2,387,977; Oct. 30.

Blackman, Irwin N., et al., executors: *See*—
Heller, Alexander G.

Blackman, Stanley, Brooklyn, N. Y. Receptacle closure. 2,390,291; Dec. 4.

Blackmon, John M., and J. F. Le Gere, Rock Hill, S. C. Stand hook. 2,382,852; Aug. 14.

Blackmun, Edward V., Lakewood, and M. P. Mikula, Cleveland, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Tin-plating of aluminum. 2,377,606; June 5.

Blackstone, Selwyn R., Madison, Wis. Fishing float. 2,379,676; July 3.

Blade Master, Incorporated: *See*—
Korenyi, Andrew J., assignor.

Blaes, Edward G., Glendale, assignor of one-third to G. V. Oldham, Summit, and one-third to S. H. Rust, New Brunswick, N. J. Roller skate. 2,373,220; Apr. 10.

Blaettler, Paul X.: *See*—
Ferla, John, assignor.

Blagden, Rudolph, Kenmore, N. Y., assignor to Curtiss-Wright Corporation. Cargo tie-down fitting. 2,386,836; Oct. 16.

Blagden, William M., Egham, England. Steering mechanism for motor vehicles. 2,371,022; Mar. 6.

Blaha, Emil, Cheltenham, Pa., assignor to Selas Corporation of America. Kiln and method of operation. 2,371,420; Mar. 13.

Blain, Albert, Philadelphia, Pa., assignor to Radio Corporation of America. Facsimile recorder. 2,368,739; Feb. 6.

Blain, Albert, Philadelphia, Pa., assignor to Radio Corporation of America. Facsimile recorder. 2,384,722; Sept. 11.

Blain, Albert, Philadelphia, Pa., assignor to Radio Corporation of America. Recording apparatus. 2,389,021; Nov. 13.

Blain, Albert, Philadelphia, Pa., assignor to Radio Corporation of America. Facsimile recorder. 2,391,768; Dec. 25.

Blair, Benton, et al.: *See*—
Herrick, William W., assignor.

Blair, Charles M., Jr.: *See*—
De Groote, Keiser, and Blair.

Blair, Charles M., Jr., Webster Groves, Mo., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Lubricating oil. 2,375,516; May 8.

Blair, Charles M., Jr., Webster Groves, Mo., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Lubricating oil. 2,384,595; Sept. 11.

Blair, Chester A.: *See*—
Keese, B. W., and Blair.

Blair, Emile, assignor to Standard Aircraft Products, Inc., Dayton, Ohio. Blank feeding mechanism. 2,372,706; Apr. 3.

Blair, Emile, assignor to Standard Aircraft Products, Inc., Dayton, Ohio. Tube testing apparatus. 2,385,491; Sept. 25.

Blair, George W.: *See*—
Schott, J. F., Luxenberger, and Blair.

Blair, George W., Mishawaka, Ind., assignor to United States Rubber Company, New York, N. Y. Container. 2,378,126; June 12.

Blair, James H., Staten Island, assignor to N. Chayes, Rye, N. Y. Contra-angle attachment for dental handpieces. 2,370,632; Mar. 6.

Blair, John I: *See*—
Sawtelle, E. R., and Blair.

Blair, Lyman C., Houston, Tex. Hydraulic pump and transmission. 2,370,710; Mar. 6.

Blair, William W., Lakewood, Ohio. Refrigerated display case. 2,382,599; Aug. 14.

Blais, Emilien, New Haven, Conn., assignor to Olin Industries, Inc. Apparatus for shaping tubes. 2,375,763; May 15.

Blaisdell, Charles O., Oak Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for article working. 2,380,212; July 10.

Blake, Alfred E., West Caldwell, N. J. Gas producer. 2,381,200; Aug. 7.

Blake, Edward S., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Organic compounds containing both sulphur and nitrogen. 2,368,515; Jan. 30.

Blake, Edward S., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Plasticized rubber and making. 2,373,375; Apr. 10.

Blake, Edward S., and K. L. Godfrey, Nitro, W. Va., assignors to Monsanto Chemical Company, St. Louis, Mo. Chlor benzyl xanthates. 2,381,483; Aug. 7.

Blake, Harold H., Jr., Burlingame, Calif. Chuck. 2,374,725; May 1.

Blake, Harold H., Jr., Burlingame, Calif. Drafting pen. 2,375,188; May 8.

Blake Manufacturing Corporation: *See*—
Wood, Orville T., assignor.

Blake, Robert P.: *See*—
Land, E. H., and Blake.

Blake, Robert W., Chicago, Ill., assignor to Shand & Jurs Company. Liquid level indicator. 2,382,377; Aug. 14.

Blake, William F., Chicago, Ill. Fire extinguisher. 2,384,526; Sept. 11.

Blakely, Robert T., Amityville, assignor to International Business Machines Corporation, New York, N. Y. Machine for reading perforated record cards. 2,371,120; Mar. 6.

Blakely, Robert T., Silver Spring, Md., assignor to International Business Machines Corporation, New York, N. Y. Code presentation register. 2,386,423; Oct. 9.

Blakeney, Francis M.: *See*—
Ring, Ernest A., assignor.

Blakeslee, Raymond C., West Allis, Wis., assignor to The Union Switch and Signal Company, Swissvale, Pa. Remote control system. 2,377,850; June 12.

Blakey, Angus R.: *See*—
Morgan, J. D., and Blakey.

Blalock, Henry H., assignor of twenty-four per cent to E. Halford, Abernathy, Tex., and fifty-two per cent to A. C. Hendricks, Flying H, N. Mex. Lister attachment for tractors. 2,368,631; Feb. 6.

Blanc, Samuel O., Des Moines, Iowa. Mechanism for rodding and cleaning pipes, sewers and the like. 2,383,843; Aug. 28.

Blanchard, Frederick W., Hampstead, Quebec, Canada. Position-indicating handle for valves. 2,390,866; Dec. 11.

Blanchard, Loring W., Jr.: *See*—
Malm, C. J., and Blanchard.

Blanchette, Eli O., Killingly, Conn. Toy firearm. 2,390,349; Dec. 4.

Blanco, Elias: *See*—
Hagedorn, D. O., and Blanco.

Blanco, John R., W. Green, Sutton Coldfield, Albert E. T. Neale, Erdington, Birmingham, and D. F. Twiss, Sutton Coldfield, assignors to Dunlop Rubber Company Limited, London County, England. Production of emulsions or compositions of or containing organic polysulphides and articles produced therefrom. 2,386,287; Oct. 9.

Blanding, Forrest H., Elizabeth, N. J., assignor to Standard Oil Development Company. Novel isomerization process. 2,383,586; Aug. 28.

Blanding, Forrest H., Elizabeth, N. J., assignor to Standard Oil Development Company. Synthesis of ethyl benzene. 2,385,187; Sept. 18.

Blanding, Joseph E., New London, assignor of one-half to P. B. McNamara, Groton, Conn. Internal-combustion engine. 2,368,444; Jan. 30.

Blank, Frank F.: *See*—
Blank, R. H. and F. F.

Blank, Merton H., Pleasant Ridge, assignor to American Blower Corp., Detroit, Mich. Apparatus for controlling fluid volume in fluid couplings. 2,377,851; June 12.

Blank, Rudolph H., Treadwell, N. Y. Hydraulic safety valve. 2,381,484; Aug. 7.

Blank, Rudolph H., Treadwell, N. Y. Pressure actuated shutoff. 2,386,585; Oct. 9.

Blank, Rudolph H. and F. F., Walcott, Iowa. Portable conveyer and loader. 2,389,759; Nov. 27.

Blankenbuehler, John H., Edgewood, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Generator. 2,378,894; June 26.

Blankenhorn, Charles F.: *See*—
Dawson, R. D., and Blankenhorn.

Blankenship, Claude M.: *See*—
Legg, Eugene H., assignor.

Blankmeyer, Harrison C., Lawrenceburg, Ind., and W. H. Stark, Louisville, assignors to Joseph E. Seagram & Sons, Inc., Shirley, Ky. Conversion process. 2,375,189; May 8.

Blanton, Wiliam B.: *See*—
Demonet, E. A., and Blanton.
Venable, William M., assignor.

Blashfield, Floyd A., Madison, Wis., assignor, by mesne assignments, to Air Reduction Company, Incorporated. Sterile drawoff faucet. 2,381,031; Aug. 7.

Blaski, John F., Chicago, Ill. Arched roof. 2,366,482; Jan. 2.

Blaski, John F., Chicago, Ill. Roof truss. 2,369,525; Feb. 13.

Blaski, John F., Chicago, Ill. Wooden roof. 2,371,421; Mar. 13.

Blattner, David G., Mountain Lakes, N. J., assignor to Bell Laboratories, Incorporated, New York, N. Y. Making electromagnetic devices. 2,391,222; Dec. 18.

Blatz, Warren D., assignor to The Bead Chain Manufacturing Company, Bridgeport, Conn. Making tubing. 2,387,051; Oct. 16.

Blauvelt, Homer E., deceased, Flushing, N. Y.; T. R. Blauvelt, executrix. Air and fuel supply controlling means for furnaces or the like. 2,380,719; July 31.

Blauvelt, Thelma R., executrix: *See*—
Blauvelt, Homer E.

Blauvelt, Warren S., Ann Arbor, Mich. Furnace. 2,375,517; May 8.

Blaw-Knox Company: *See*—
Hammond, Edgar S., assignor.
Harrington, Edward L., assignor.
Philips, G. B., and Tuurl, assignors.

Blaydes, Frederick T.: *See*—
Smith, H. P., and Blaydes.

Blaydes, Frederick T., Canton, Ill., assignor to International Harvester Company. Dump rake. 2,366,234; Jan. 2.

Blaydes, Frederick T., Canton, Ill., assignor to International Harvester Company. Agricultural implement. 2,379,781; July 3.

Blaylock, Raymond C., Kenmore, N. Y., assignor to Curtiss-Wright Corporation. Landing gear and wing slot control. 2,386,288; Oct. 9.

Blaylock, Raymond C., and H. R. Berrisford, Bexley, Ohio, assignors to Curtiss-Wright Corporation. Flexible tank and support means. 2,373,221; Apr. 10.

Blaylock, Raymond C., Bexley, and P. Bukoff, Reynoldsburg, Ohio, assignors to Curtiss-Wright Corporation. Hydraulically operated split flaps. 2,387,492; Oct. 23.

Blazek, John Y., assignor to Lempco Products, Inc., Bedford, Ohio. Device for dressing grinding wheels and the like. 2,374,726; May 1.

Blazek, John Y., assignor to Lempco Products, Inc., Bedford, Ohio. Tube sizing broach. 2,388,948; Nov. 13.

Blazer, Almer N., Mescalero, N. Mex. Fuel pump. 2,370,001; Feb. 20.

Blazer, Almer N., Mescalero, N. Mex. Governor. 2,378,178; June 12.

Bleachers' Association Limited, et al.: *See*—
Robins, C., and Kershaw, assignors.

Bleakney, Joseph M., Manhasset, N. Y. Scouring and polishing powder. 2,384,006; Sept. 4.

Blechman, Irving, New York, N. Y. Collapsible wardrobe cabinet. 2,391,614; Dec. 25.

Bleistein, Henry G., Indianapolis, Ind. Selective stacking machine. 2,373,532; Apr. 10.

Blendinger, Raymond G.: *See*—
Zillox, John, assignor.

Blesi, Walter F., assignor to The Sheffield Corporation, Dayton, Ohio. Machine tool. 2,384,527; Sept. 11.

Blessing, Gregory W., Moorestown, N. J., assignor to Radio Corporation of America. Composite structure. 2,372,929; Apr. 3.

Blessing, Harry A.: *See*—
Liebmann, August G., assignor.

Bletso, Bruce N., Cleveland, Ohio, assignor to The American Steel and Wire Company of New Jersey. Wire drawing machine. 2,384,275; Sept. 4.

Blewett, John P., Scotia, N. Y., assignor to General Electric Company. High-frequency apparatus. 2,366,556; Jan. 2.

Blewett, John B., Wellsville, Ohio, assignor to The McLain Fire Brick Company, Pittsburgh, Pa. Attachment for making plug bricks. 2,369,101; Feb. 6.

Blewett, John B., Wellsville, Ohio, assignor to The McLain Fire Brick Company, Pittsburgh, Pa. Apparatus for making plug bricks. 2,369,102; Feb. 6.

Bley, Rudolph S., Milligan College, Tenn., assignor to North American Rayon Corporation, New York, N. Y. Fibroin spinning solutions. Re. 22,650; June 12.

Blicke, Frederick F., assignor to The Regents of the University of Michigan, Ann Arbor, Mich. Aryl carboxylic acid esters and obtaining the same. 2,376,860; May 29.

Blicker, Meyer, assignor of one-half to H. Schlen, Minneapolis, Minn. Portable outboard motor stand. 2,380,017; July 10.

Bliffert, Walter J., Milwaukee, Wis. Attachment for internal-combustion engines. 2,377,852; June 12.

Bligh, Norman R., Harrow, D. M. Heller, Wembley, and L. C. Stenning, Ealing, London, England. Multichannel radio signaling system. 2,380,288; July 10.

Blihovde, Norman, Ridgewood, assignor to Jacques Wolf & Company, Passaic, N. J. Purification of Irish moss. 2,382,286; Aug. 14.

Blish, Ida G., et al.: *See*—
Woodhull, Frederick W., assignor.

Bliss, E. W., Company: *See*—
Aneiros, Joseph, assignor.
Crane, E. V., and Auer, assignors.
Nash, L. W., and Williams, assignors.
Rode, F. J., and Hatch, assignors.
Williamson, Larkin R., assignor.
Yeomans, Lucien I., assignor.

Bliss, Harvey N.: *See*—
Graydon, S., Jr., and Bliss.

Bliss, Harvey N., Windsor, assignor to Veeder-Root Incorporated. Hartford, Conn. Counter mechanism. 2,372,650; Apr. 3.

Blizard, John, Garden City, assignor to Foster Wheeler Corporation, New York, N. Y. Vapor generator. 2,367,193; Jan. 16.

Blizard, John, Garden City, assignor to Foster Wheeler Corporation, New York, N. Y. Apparatus for the separation of fluids. 2,368,632; Feb. 6.

Blizard, John, Garden City, assignor to Foster Wheeler Corporation, New York, N. Y. Vapor generator. 2,368,633; Feb. 6.

Blizard, John, Garden City, assignor to Foster Wheeler Corporation, New York, N. Y. Separator. 2,389,130; Nov. 20.

Bloch, Erich, New York, N. Y., assignor to Aeronautical Machinery Corporation. Lifting device. 2,377,477; June 5.

Bloch, Herman S.: *See*—
Pines, H., and Bloch.

Bloch, Herman S., and C. L. Thomas, assignors to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 2,369,009; Feb. 6.

Bloch, Herman S., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Production of dehydrated castor oil. 2,380,720; July 31.

Bloch, Herman S., Riverside, and R. E. Schaad, assignors to Universal Oil Products Company, Chicago, Ill. Production of olefinic hydrocarbons. 2,380,406; Nov. 20.

Bloch, Leon, Cleveland, Ohio. Waste and overflow fitting. 2,374,642; May 1.

Bloch, Rudolf, and I. Schnerb, assignors to Palestine Potash Ltd., Jersusalem, Palestine. Preparation of a green dyestuff and starting material therefor. 2,383,762; Aug. 28.

Bloch, Rudolf, and I. Schnerb, assignors to Palestine Potash Ltd., Jersusalem, Palestine. Crystallization of salts from aqueous solutions. 2,383,763; Aug. 28.

Block, Richard J., Scarsdale, N. Y., assignor to C. M. Armstrong, Inc. Separation of amino acids. 2,386,926; Oct. 16.

Block, Richard J., Scarsdale, N. Y., assignor to C. M. Armstrong, Inc. Amino acid separation. 2,387,824; Oct. 30.

Block, Richard J., Scarsdale, and A. P. Hellwig, Hartsdale, N. Y., assignors to C. M. Armstrong, Inc. Food product. 2,374,407; Apr. 24.

Blockson Chemical Co.: *See*—
King, Charles S., assignor.

Bloeborn, Clyde H., Evanston, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Easy opening reclosable container. 2,382,378; Aug. 14.

Blom, Carl, San Marino, assignor to Byron Jackson Co., Vernon, Calif. Centrifugal pump. 2,368,962; Feb. 6.

Blomberg, Martin P., Hinsdale, Ill., assignor to General Motors Corporation, Detroit, Mich. Uncoupling mechanism. 2,384,808; Sept. 18.

Blomberg, Martin P., Hinsdale, and J. M. Smidl, Cicero, Ill., assignors to General Motors Corporation, Detroit, Mich. Coupler supporting and centering device. 2,380,018; July 10.

Blome, George S., Baltimore, Md. Smoke pipe assembly. 2,372,707; Apr. 3.

Blomgren, Oscar C., Winnetka, Ill. Stool. 2,368,740; Feb. 6.

Blomstrom, F. Allan: *See*—
Carlberg, August E., assignor.

Blons, Maurice J., Chicago, Ill. Dispenser. 2,371,216; Mar. 13.

Blood Brothers Machine Company: *See*—
Harrington, George R., assignor.

Bloom, Frederick S.: *See*—
Conway, Leon F., assignor.

Bloom, Galen A., et al.: *See*—
Kling, Alan L., assignor.

Bloom, Hyman, Newark, N. J. Wrist supporter. 2,369,115; Feb. 13.

Bloom, Jack, Brooklyn, N. Y. Full face magazine, newspaper or periodical display rack, and storage therefor. 2,385,603; Sept. 25.

Bloom, Mortimer C., Newton Highlands, Mass. Electrodeposition of antimony. 2,389,131; Nov. 20.

Bloom, Murray, New York, N. Y. Garment. 2,375,070; May 1.

Bloomberg, David J., Newton, Mass., assignor to General Electric Company. Elastic fluid turbine. 2,390,772; Dec. 11.

Bloomberg, Samuel M., Chicago, Ill. Grip selector for bowlers. 2,377,067; May 29.

Bloomer Bros. Company: *See*—
Inman, William H., assignor.

Bloomer, Ward J., Westfield, N. J., assignor to The Lummus Company, New York, N. Y. Azeotropic distillation. 2,380,019; July 10.

Bloomer, Ward J., Westfield, N. J., assignor to The Lummus Company, New York, N. Y. Azeotropic distillation. 2,381,996; Aug. 14.

Bloomfield, Samuel, Chicago, Ill. Can opener. 2,375,274; May 8.

Bloomquist, Donald W., Altadena, Calif. Gas-operated lock for automatic recoil-operated weapons. 2,372,542; Mar. 27.

Bloomquist, Evert V., Wausau, Wis. Separable packing unit. 2,391,383; Dec. 25.

Bloss, Herman, Shelton, assignor to The H. B. Ives Company, New Haven, Conn. Latch for screen doors and the like. 2,390,984; Dec. 18.

Blosser, Herman G., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrical relay. 2,374,727; May 1.

Blosser, John A., Oakland, Calif. Inhalant hood. 2,389,293; Nov. 20.

Bloth, Maurice, St. Louis, Mo. Perspiration guard for watches. 2,367,091; Jan. 9.

Blotner, Harry, Chelsea, Mass. Footwear. 2,367,092; Jan. 9.

Blough, Carl M., Johnstown, Pa., assignor to Carnegie-Illinois Steel Corporation. Ground cable clamp for electric welding machines. 2,374,324; Apr. 24.

Blough, Ronald S., assignor to The Dexter Company, Fairfield, Iowa. Wringer. 2,376,751; May 22.

Blount, Harry, Baltimore, and C. V. Lundeen, Towson, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Metal rolling process. 2,371,671; Mar. 20.

Blount, Harry, Baltimore, and F. A. Coldehoff, Dundalk, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Apparatus for vulcanizing articles. 2,389,178; Nov. 20.

Blout, Elkan R.: *See*—
Elderfield, R. C., and Blout.

Blow, Richard, assignor to W. F. Hall Printing Company, Chicago, Ill. Synchronized drive. 2,371,023; Mar. 6.

Bloxham, Ralph H., Mobile, Ala. Closet ventilating system. 2,388,949; Nov. 13.

Bloxom, Harvey L.: *See*—
Shideler, E. M., and Bloxom.

Bloxom, Harvey L., Council Bluffs, Iowa. Reflectoscope. 2,381,801; Aug. 7.

Blu, Marshall A.: *See*—
Wallace, S., and Blu.

Bludworth, Joseph E., Cumberland, Md., assignor to Celanese Corporation of America. Production of oxygenated organic compounds. 2,369,710; Feb. 20.

Bludworth, Joseph E., and G. Flower, Jr., Cumberland, Md., assignors to Celanese Corporation of America. Separation of organic compounds. 2,381,032; Aug. 7.

Bludworth, Joseph E., Cumberland, and S. B. Jeffries, Long, Md., assignors to Celanese Corporation of America. Treatment of pentaerythritol. 2,386,289; Oct. 9.

Bludworth, Timothy F., Summit, N. J., assignor to National-Simplex-Bludworth, Inc. Interval meter and indicator therefor. 2,385,254; Sept. 18.

Blue, Richard W.: *See*—
Houdry, E. J., and Blue.

Bluechel, Joseph H.: *See*—
Smith, Alfred, assignor.

Bluemink, Gary G., and J. H. Nelson, Racine, Wis., assignors to The Dumore Company. Reduction gear assembly. 2,379,273; June 26.

Blufston, Martin M., St. Louis, Mo. Internal-combustion engine of oscillating piston type. 2,366,996; Jan. 9.

Bluhal Specialty Company: *See*—
Halek, Frank, assignor.

Blum, Hosmer L., assignor to S. F. Bowser & Company, Incorporated, Fort Wayne, Ind. Liquid dispenser. 2,370,119; Feb. 27.

Blum, Jerome J., assignor to The Fibre Forming Corporation, Olean, N. Y. Hand grenade body. 2,385,398; Sept. 25.

Blum, Nettie, Oceanside, N. Y. Brassière. 2,378,906; June 26.

Blum, Nettie, Oceanside, N. Y. Brassière. 2,378,907; June 26.

Blum, Nettie, Oceanside, N. Y. Brassière. 2,378,908; June 26.

Blume, Edward M., et al.: *See*—
Kenworthy, John M., assignor.

Blume, Louis F., Pittsfield, Mass., assignor to General Electric Company. Electric circuit. 2,374,974; May 1.

Blume, William A., Farmington, Mich., assignor to American Brake Shoe Company. Laminated heat-insulating structure. 2,377,317; May 5.

Blumensaadt, Svend G.: *See*—
Neely, W. H., and Blumensaadt.

Blumensaadt, Svend G., Beachwood Village, assignor, by mesne assignments, to The Universal Wire Spring Company, Cleveland, Ohio. Apparatus to change the length of corrugated wires. 2,378,058; June 12.

Blumer, Donald R., Bartlesville, Okla., assignor to Phillips Petroleum Company. Treating hydrocarbons. 2,389,230; Nov. 20.

Blumer, Donald R., Bartlesville, Okla., assignor to Phillips Petroleum Company. Converting organic halides. 2,389,231; Nov. 20.

Blumstengel, Hugo R., Kansas City, Mo. Heating stove. 2,367,094; Jan. 9.

Bly, Edwin P.: *See*—
Buckley, W. D., and Bly.

Blythe, Rudolph H., Llanerch, assignor to Smith, Kline & French Laboratories, Philadelphia, Pa. Medicinal preparation. 2,369,711; Feb. 20.

Boal, Stewart, assignor to Randolph Laboratories, Inc., Chicago, Ill. Hand fire extinguisher. 2,375,615; May 8.

Boals, Wayne S: *See*—
Gentry, G. C., and Boals.

Boardman, Harry D., trustee: *See*—
Merriman, Henry H., assignor.

Boate, John W., Detroit, Mich. Nursing bottle holder. 2,381,201; Aug. 7.

Boatright, Robert G., Jr., and W. C. Hewitt, Bartlesville, Okla., assignors to Phillips Petroleum Company. Two-stage catalytic dehydrogenation of paraffin hydrocarbons to diolefin. 2,376,323; May 22.

Bobb, Lloyd J., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Phonograph pickup device. 2,379,782; July 3.

Bobb, Lloyd J., Glenside, assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Phonograph pickup device. 2,386,089; Oct. 2.

Bobrowski, Henry and W., Morris, Manitoba, Canada. Reversible grain conveyer assembly. 2,389,483; Nov. 20.

Bobrowski, Wilhelm: *See*—
Bobrowski, Henry and W.

Bobst, Henri, Lausanne, Switzerland. Sheet detector. 2,373,222; Apr. 10.

Bobst, Henri, and J. Kury, Lausanne, assignors to J. Bobst & Fils, S. A., Prilly, Switzerland. Device for releasably securing plates or tools to platen presses. 2,382,600; Aug. 14.

Bobst, J., and Fils, S. A.: *See*—
Bobst, H., and Kury, assignors.
Kury, Josef, assignor.

Boechino, Stanley R., Philadelphia, Pa. Pliers. 2,378,909; June 26.

Bochonok, Stefan, Enola, Pa. Center bearing. 2,390,493; Dec. 11.

Bocji Corporation: *See*—
Lang, Joseph C., assignor.
La Place, Desmond R., assignor.

Bock, Ashley P., Catonsville, Md., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Variable inductor. 2,367,022; Jan. 23.

Bock, George E., Chicago, assignor to Whiting Corporation, Harvey, Ill. Variable-speed hydraulic coupling. 2,387,230; Oct. 23.

Bock, Helmuth: *See*—
Moldenhauer, Otto.
Moldenhauer, O., and Bock.

Bock, Louis H., Huntingdon Valley, and A. L. Houk, assignors to Röhm & Haas Company, Philadelphia, Pa. Aminocyanoacetamide resins. 2,367,455; Jan. 16.

Bockmühl, Max, Frankfort-on-the-Main, O. Schaumann, and E. Bartholomäus, Wiesbaden, and H. Leditschke, Frankfort-on-the-Main, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Derivatives of the 2-alkyl-1,4-naphthoquinone. 2,372,655; Apr. 3.

Bockstahler, Earl R.: *See*—
Winnek, P. S., and Bockstahler.

Bockus, Rubert C., Gardner, and H. J. Landry, South Ashburnham, assignors to Gem Crib and Cradle Company, Gardner, Mass. Infant's play yard. 2,381,967; Aug. 14.

Bodanasky, John C., assignor to Cocker Machine and Foundry Company, Gastonia, N. C. Yarn tensioning means. 2,372,053; Mar. 20.

Bodansky, John C., and E. K. Whitener, assignors to Cocker Machine and Foundry Company, Gastonia, N. C. Drive control for textile machinery. 2,384,879; Sept. 18.

Bodde, Bernard M., Los Angeles, Calif. Translucent screen. 2,368,099; Jan. 30.

Bodde, Bernard M., Jr., Los Angeles, Calif. Projection screen. 2,372,173; Mar. 27.

Bode, Harry L., Webster Groves, assignor to Gaylord Container Corporation, St. Louis, Mo. Producing grease packages. 2,378,972; June 26.

Bode, Hendrik W., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Broad band amplifiers. 2,367,711; Jan. 23.

Boden, Ernest G., assignor to The Timken Roller Bearing Company, Canton, Ohio. Bearing lubrication. 2,368,963; Feb. 6.

Boden, Ernest G., assignor to The Timken Roller Bearing Company, Canton, Ohio. Automotive driving axle construction. 2,389,484; Nov. 20.

Boden, Samuel H., Turtle Creek, and H. L. Peek, Edgewood, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit breaker. 2,383,288; Aug. 21.

Bodine, Albert G., Jr., Burbank, Calif. Method and apparatus for forming a charge. 2,377,607; June 5.

Bodine, Albert G., Jr., Burbank, assignor to The Calpat Corporation, Los Angeles, Calif. Portable cutting tool. 2,384,435; Sept. 11.

Bodine, Ralph B., Schenectady, N. Y., assignor to General Electric Company. Antihunting circuit. 2,386,031; Oct. 2.

Bodine, Theodore A., Summit County, Ohio. Hinge-axis articulator. 2,371,795; Mar. 20.

Bodle, Walter H., Birmingham, Mich. Package. 2,390,350; Dec. 4.

Bodner, Charles H.: *See*—
Kennedy, R., Hough, and Bodner.

Boeckeler, Benjamin C., New York, N. Y., E. I. Lummus, Montclair, and A. Nansen, Bernardsville, N. J., assignors to The Lummus Company, New York, N. Y. Distillation of fermenter mash. 2,376,898; May 29.

Boecking, Ewald, Great Kills, assignor to Century Projector Corporation, Brooklyn, N. Y. Lens mount and film gate construction for motion-picture projection machines. 2,368,634; Feb. 6.

Boecking, Ewald, Great Kills, Staten Island, assignor to Century Projector Corporation, Brooklyn, N. Y. Intermittent film feeding mechanism for motion picture projection machines. 2,369,207; Feb. 13.

Boedecker, Fred R., assignor of one-half to R. F. Boedecker, Tacoma, Wash. Trash burner. 2,387,005; Oct. 16.

Boedecker, Robert F.: *See*—
Boedecker, Fred R., assignor.

Boegehold, Alfred L., assignor to General Motors Corporation, Detroit, Mich. Malleable iron. 2,370,225; Feb. 27.

Boegehold, Alfred L., and R. H. Terry, assignors to General Motors Corporation, Detroit, Mich. Making sintered powdered iron articles. 2,382,601; Aug. 14.

Boehlen, Constant F. J., East Orange, N. J., and M. A. Biske, assignors to Federal Telephone & Radio Corporation, New York, N. Y. Voltage regulating system. 2,381,715; Aug. 7.

Boehm, Christian C., assignor to Boehm Surgical Instrument Corporation, Rochester, N. Y. Diagnostic instrument. 2,369,010; Feb. 6.

Boehm, Robert M.: *See*—
Dorland, R. M., and Boehm.

Boehm, Robert M., assignor to Masonite Corporation, Laurel, Miss. Making furfural and fatty acids. 2,369,655; Feb. 20.

Boehm Surgical Instrument Corporation: *See*—
Boehm, Christian C., assignor.

Boehmer, Francis D.: *See*—
Armitage, J. B., Barker, Riedel, and Boehmer.

Boehmler, Erving M., Madisonville, Ohio, assignor to W. B. Petermann and E. P. Wood, as trustees. Tapping. 2,388,779; Nov. 13.

Boehne, Eugene W., Drexel Hill, Pa., and H. A. Peterson, Scotia, N. Y., assignors to General Electric Company. Eliminating the switching overvoltage hazard in alternating current circuits. 2,391,672; Dec. 25.

Boehnke, Hugo V.: *See*—
Wiken, C. A., and Boehnke.

Boeing Aircraft Company: *See*—
Allen, Edmund T., assignor.
Allen, E. T., and Minshall, assignors.
Brewster, Charles E., assignor.
Christian, J. C., and Seymour, assignors.
Eaton, Waldo W., assignor.
Lancaster, Billy R., assignor.
Lewis, Delbert S. and E. F., assignors.
Moorehead, James R., assignor.
Morris, Charles W., assignor.
Norsen, Dwight A., assignor.
Schairer, George S., assignor.

Boelter, Arthur H., Appleton, Wis. Nut and bolt cap. 2,383,703; Aug. 28.

Boenecke, Alfred, Berlin-Schoneberg, Germany; vested in the Alien Property Custodian. Snap fastener. 2,368,100; Jan. 30.

Boenecke, Alfred, Berlin-Schoneberg, Germany; vested in the Alien Property Custodian. Slide clasp fastener 2,370,613; Mar. 6.

Boericke, Edward E.: *See*—
Boericke, Gideon.

Boericke, Gideon, Wynnewood, and E. E. Boericke, Lansdowne, Pa.; said E. E. Boericke, assignor to said Gideon Boericke. Preparation of compounds of tungsten and similar metals from their ores and residues. 2,390,687; Dec. 11.

Boero, Louis: *See*—
Andresen, W. A., and Boero.

Boersma, Reemer A., assignor to Duffy Manufacturing Company, Holland, Mich. Attaching device. 2,367,657; Jan. 23.

Boerstler, Edward W., Watertown, Mass. Apparatus for applying radiant energy. 2,380,682; July 31.

Boesch, John C., Jr.: *See*—
Robinson, E. D., and Boesch.

Boese, Albert B., Jr., Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Production of unsaturated carboxylic acids. 2,382,464; Aug. 14.

Boettcher, Anna E., Winona, Minn. Patient's gown. 2,374,643; May 1.

Boettcher, William A., Chicago, Ill. Floor polishing device. 2,382,969; Aug. 21.

Boettner, George W., et al.: *See*—
Walker, Thomas G., assignor.

Bogard, Edward: *See*—
Gray, Kenneth N., assignor.

Bogardus, Leonard R., assignor to Packard Motor Car Company, Detroit, Mich. Electric distribution system. 2,376,324; May 22.

Bogart, Fred H., South Euclid, assignor to The Warner & Swasey Company, Cleveland, Ohio. Machine tool. 2,388,594; Nov. 6.

Bogatich, Vincent, Detroit, Mich. Suspend the structure of a vehicle on its wheels. 2,379,860; July 10.

Bogg, William A.: *See*—
Bauer, H. R., and Bogg.

Bogge, Walter W.: *See*—
Russell, J. K., Collins, and Boggs.

Bogin, Charles, assignor to Commercial Solvents Corporation, Terre Haute, Ind. Cellulose triacetate coating compositions. 2,368,062; Jan. 23.

Bogin, Charles, assignor to Commercial Solvents Corporation, Terre Haute, Ind. Alkyd resin coating compositions. 2,389,837; Nov. 27.

Bogin, Samuel R., and J. V. Delfino, Brooklyn, N. Y. Combined drink cooler and sipper. 2,370,931; Mar. 6.

Bogoslowsky, Boris, Jackson Heights, N. Y. Collapsible tube. 2,387,738; Oct. 30.

Bogue, Charles B., San Francisco, Calif. Transparent film segment holder and projection machine therefor. 2,385,771; Oct. 2.

Bohannon, Hoyt H., Albertville, Ala. Pump. 2,380,144; July 10.

Bohlen, Charles, Jr., Jenkintown, Pa. Landing gear for trailers. 2,391,384; Dec. 25.

Bohlke, William H., Oaklyn, N. J., assignor to Radio Corporation of America. Display device. 2,374,800; May 1.

Böhm, Egon, assignor to L. von Roll Aktiengesellschaft für kommunale Anlagen, Zurich, Switzerland. Extraction apparatus. 2,370,614; Mar. 6.

Bohn, Emil E., Amarillo, Tex. Power unit. 2,366,172; Jan. 2.

Bohn, Beatrice P., Sea Girt, N. J. Garment holding means. 2,385,053; Sept. 18.

Bohn, Donald I., Pittsburgh, assignor to I-T-E Circuit Breaker Company, Philadelphia, Pa. Arc quencher. 2,381,637; Aug. 7.

Boice, John E.: *See*—
Boice, William B. and J. E.

Boice, William B. and J. E., Toledo, Ohio. Band saw. 2,371,731; Mar. 20.

Boice, William B. and J. E., Toledo, Ohio. Band saw. 2,384,364; Sept. 4.

Boicey, James H., and I. A. Willey, assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Manufacture of safety glass. 2,382,956; Aug. 21.

Boies, Orlow W., Wethersfield, and H. O. Taylor, assignors to The Hartford Rayon Corporation, Rocky Hill, Conn. Production of a hollow textile material. 2,379,783; July 3.

Boisseau, Alexander C.: *See*—
Thumim, C., Frank, and Boisseau.

Boismenu, Clifford J., Concord, assignor to Shell Development Company, San Francisco, Calif. Insecticide composition. 2,369,429; Feb. 13.

Bokenkamp, Carl: *See*—
Egli, A. A., and Bokenkamp.

Bokum, William F., Jenkintown, assignor to Proctor & Schwartz, Incorporated, Philadelphia, Pa. Stripping roll for long fiber feeders. 2,372,543; Mar. 27.

Bokum, William F., Jenkintown, assignor to Proctor & Schwartz, Incorporated, Philadelphia, Pa. Garnett cylinder. 2,385,631; Nov. 6.

Boland, James L., Avenel, N. J. Reamer. 2,367,560; Jan. 16.

Bolas, John Thomas, assignor to The Bristol Aeroplane Company Limited, Bristol, England. Milling and like machine for copying and reproducing. 2,389,407; Nov. 20.

Bolden, George L., Painswick, and R. Peel, Blakewell Mead, Painswick, assignors to F. N. F. Limited, Gloucester, England. Knitting element of knitting machinery. 2,373,533; Apr. 10.

Boldt, Kenneth: *See*—
Ross, W. B., and Boldt.

Boldt, Werner F., Clayton, assignor to Wagner Electric Corporation, St. Louis, Mo. Braking system control means. 2,366,173; Jan. 2.

Boldt, Werner F., Clayton, assignor to Wagner Electric Corporation, St. Louis, Mo. Combined air-hydraulic actuating system. 2,366,310; Jan. 2.

Boldt, Werner F., Clayton, assignor to Wagner Electric Corporation, St. Louis, Mo. Fluid pressure actuating system. 2,366,696; Jan. 9.

Boldt, Werner F., Clayton, assignor to Wagner Electric Corporation, St. Louis, Mo. Fluid pressure actuating system. 2,367,194; Jan. 16.

Boldt, Werner F., Clayton, assignor to Wagner Electric Corporation, St. Louis, Mo. Braking system. 2,373,450; Apr. 10.

Boldt, Werner F., Clayton, assignor to Wagner Electric Corporation, St. Louis, Mo. Yieldable device. 2,377,748; June 5.

Boldt, Werner F., Clayton, Mo. Attack weapon for airplanes. 2,381,332; Aug. 7.

Bole, George A., M. C. Shaw, and H. E. Co Van, assignors to The Edward Orton Jr. Ceramic Foundation, Columbus, Ohio, a testamentary trust. Manufacturing pyrometric cones. 2,377,666; June 5.

Bole, George A., M. C. Shaw, and H. E. Co Van, assignors to The Edward Orton Jr. Ceramic Foundation, Columbus, Ohio, a testamentary trust. Machine for molding pyrometric cones. 2,377,667; June 5.

Bole, George A., M. C. Shaw, and H. E. Co Van, assignors to The Edward Orton Jr. Ceramic Foundation, Columbus, Ohio, a testamentary trust. Extruding and cutting apparatus for plastic materials. 2,377,668; June 5.

Bolesky, John D., assignor to Metals & Controls Corporation, Attleboro, Mass. Control device. 2,370,519; Feb. 27.

Bolesky, John D., assignor to Metals & Controls Corporation, Attleboro, Mass. Circuit breaker. 2,371,672; Mar. 20.

Bolesky, John D., assignor to Metals & Controls Corporation, Attleboro, Mass. Control device. 2,388,113; Oct. 30.

Bolick, Oscar W., Sr., Conover, N. C. Chair. 2,374,801; May 1.

Bolidens Gruvaktiebolag: *See*—
Ekenäs, T. D. L., and Fåhraeus, assignors.
Fåhraeus, G. E., Lindblad, and Wallden, assignors.
Hilger, B. O., assignor.
Hilger, Bror O., assignor.
Hilger, B. O., and Kjellström, assignors.

Bolinger, Catherine T., Middle River, Baltimore, Md. Portable mirror equipment. 2,379,214; June 26.

Bolinger, George N., assignor to Sta-Rite Ginnie-Lou, Inc., Shelbyville, Ill. Barrette. 2,368,913; Feb. 6.

Bolle, Léon, Geneva, Switzerland. Manufacture of shaped parts made out of a supple, elastic, nonmetallic matter. 2,375,518; May 8.

Bolley, Herschel C., assignor to H. A. Douglas Mfg. Co., Bronson, Mich. Resistance switch. 2,375,891; May 15.

Bolley, Herschel C., and E. E. Johnson, assignors to H. A. Douglas Mfg. Co., Bronson, Mich. Electric switch. 2,380,933; Aug. 7.

Bolli, Bernhard, assignor to Aktiengesellschaft Adolph Saurer, Arbon, Switzerland. Two-stroke cycle engine. 2,377,068; May 29.

Bolling, Oscar S., assignor to Mereen-Johnson Machine Company, Minneapolis, Minn. Plywood core machine. 2,366,588; Jan. 2.

Bolling, Oscar S., assignor to Mereen-Johnson Machine Company, Minneapolis, Minn. Cutoff saw mechanism for sheet feeding machines. 2,370,932; Mar. 6.

Bolling, Oscar S., assignor to Mereen-Johnson Machine Company, Minneapolis, Minn. Edge gluing machine. 2,373,376; Apr. 10.

Bollinger, Waldon P., Audubon, N. J., assignor to Radio Corporation of America. Oscillator stabilizing circuit. 2,382,198; Aug. 14.

Bollman, John H., Rutherford, N. J., and I. G. Wilson, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Resistor having a high temperature coefficient of resistance. 2,373,160; Apr. 10.

Bollo, Francis G., Berkeley, and J. R. Tomlinson, Walnut Creek, assignors to Shell Development Company, San Francisco, Calif. Fuel control system for internal-combustion engines. 2,391,291; Dec. 18.

Bolsey, Jacques, New York, N. Y. Photographic camera. 2,367,195; Jan. 16.

Bolsey, Jacques, New York, N. Y. Film splicing apparatus. 2,367,330; Jan. 16.

Bolsey, Jacques, New York, N. Y. Film magazine. 2,381,033; Aug. 7.

Bolsey, Jacques, New York, N. Y. Editing table. 2,381,997; Aug. 14.

Bolsey, Jacques, New York, N. Y. Tripod head. 2,384,790; Sept. 18.

Bolsey, Jacques, New York, N. Y. Body for apparatus or the like, particularly for photographic apparatus. 2,386,538; Oct. 9.

Bolsterli, Arthur A., Bethlehem, N. Y., assignor, by mesne assignments, to Realty and Industrial Corporation, Convent, N. J. Circuit breaker. 2,378,124; June 12.

Bolton, John, Andover, Mass., and H. Spitz, Great Neck, N. Y. Garment hanger. 2,370,391; Feb. 27.

Bolton, Archer L., Jr., executor: *See*—
Bolton, Archer Le R.

Bolton, Archer Le R., deceased, North Andover, Mass.; A. L. Bolton, Jr., executor, assignor to J. W. Bolton & Sons, Inc. Making jordan engine. 2,390,351; Dec. 4.

Bolton, Elmer K., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Milling resins with thiols. 2,384,070; Sept. 4.

Bolton, John W., & Sons, Inc.: *See*—
Bolton, Archer Le R., assignor.
Stuck, Harold D., assignor.

Bombardier, Joseph A., Valcourt, Quebec, Canada. Vehicle spring suspension. 2,367,456; Jan. 16.

Bombardier, Joseph A., Valcourt, Quebec, Canada. Wheel mounting. 2,367,751; Jan. 23.

Bombardier, Joseph A., Valcourt, Quebec, Canada. Sprocket wheel. 2,374,644; May 1.

Bomford, Douglas R., Bevington Hall, near Evesham, assignor to Bomford & Evershed Limited, Salford Priors, near Evesham, England. Means or machinery for clearing or excavating ditches. 2,378,280; June 12.

Bomford & Evershed Limited: *See*—
Bomford, Douglas R., assignor.

Bona, Philip J., Chehalis, Wash. Holder for pencils or pens. 2,366,483; Jan. 2.

Bonbright, Howard, Grosse Pointe, and W. G. Gernandt, assignors to Briggs Manufacturing Company, Detroit, Mich. Engine. 2,387,114; Oct. 16.

Bond Crown & Cork Co.: *See*—
Hoffecker, John W., assignor.

Bond, Donald C., Northbrook, assignor to The Pure Oil Company, Chicago, Ill. Removal of sulphur compounds from hydrocarbon oils. 2,369,771; Feb. 20.

Bond, Gilbert H.: *See*—
Oldham, Wesley B., assignor, and E. Oldham.

Bond, Rolston L.: *See*—
Price, D., and Bond.

Bond, Walter L., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. X-ray analysis apparatus. 2,377,862; June 12.

Bond, Walter L., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Apparatus for X-ray analysis. 2,383,764; Aug. 28.

Bond, Walter L., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Conoscope and using the same. 2,387,825; Oct. 30.

Bondar, Arsene, Huntington, N. Y., assignor to Fairchild Engine and Airplane Corporation. Aircraft locking mechanism. 2,371,673; Mar. 20.

Bondel, Joseph, New York, N. Y. Clothesline reel. 2,370,520; Feb. 27.

Bondley, Ralph J., Scotia, N. Y., assignor to General Electric Company. Cathode construction. 2,367,331; Jan. 16.

Bondley, Ralph J., Scotia, N. Y., assignor to General Electric Company. Cathode. 2,367,332; Jan. 16.

Bone, Herbert L., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway switch circuit controller. 2,373,451; Apr. 10.

Bone, Herbert L., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway switch operating apparatus. 2,380,145; July 10.

Bone, Herbert L., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway switch operating apparatus. 2,380,820; July 31.

Bone, Herbert L., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway switch operating apparatus. 2,385,492; Sept. 25.

Bone, Herbert L., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electric lock. 2,387,115; Oct. 16.

Bone, Herbert L., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway switch operating mechanism. 2,387,826; Oct. 30.

Bone, Herbert L., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway switch operating apparatus. 2,388,819; Nov. 13.

Bone, Herbert L., Forest Hills, Pa., and J. W. Livingston, Milwaukee, Wis., assignors to The Union Switch and Signal Company, Swissvale, Pa. Generator. 2,374,728; May 1.

Bone, Herbert L., Forest Hills, and C. E. Staples, Pittsburgh, assignors to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,383,037; Aug. 21.

Bonell, Ralph K., New York, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Magnetic pick-off for sensitive instruments. 2,373,096; Apr. 10.

Bonewitz, P. W., Co.: *See*—
Beechem, H. A., and Fabian, assignors.

Bonham, Walter R., Palo Alto, Calif. Fan construction. 2,381,567; Aug. 7.

Bonine, Ralph O., Edgewood, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit breaker control. 2,381,254; Aug. 7.

Bonnafe, Oliver W., assignor to The La Pointe Machine Tool Company, Hudson, Mass. Broaching machine. 2,373,995; Apr. 17.

Bonnafe, Oliver W., assignor to The Lapointe Machine Tool Company, Hudson, Mass. Rotatable broach holder. 2,381,998; Aug. 14.

Bonnafe, Oliver W., assignor to The Lapointe Machine Tool Company, Hudson, Mass. Work holding fixture for broaching machines. 2,381,999; Aug. 14.

Bonnafe, Oliver W., assignor to The Lapointe Machine Tool Company, Hudson, Mass. Horizontal broaching machine. 2,386,837; Oct. 16.

Bonnafe, Oliver W., assignor to The Lapointe Machine Tool Company, Hudson, Mass. Broaching machine. 2,386,838; Oct. 16.

Bonnell, George C., assignor to Vickers Incorporated Detroit, Mich. Relief valve for power transmission. 2,388,820; Nov. 13.

Bonnell, Leonard S.: *See*—
Murphree, E. V., Voorhies, Bonnell, and Tregre.

Bonner, James: *See*—
English, J., Jr., Bonner, and Haagen-Smit.

Bonnett, Howard T.: *See*—
Major, R. T., and Bonnett.

Bonneville, Limited: *See*—
Weiner, Nathan, assignor.

Bonorden, Allen R., Plainfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Teletypewriter testing system. 2,387,558; Oct. 23.

Bonotto, Michele, Evansville, Ind., assignor to Extractol Process, Ltd., Wilmington, Del. Processes and apparatus for filtering miscella and like mixtures through a filtering medium of solid oil-bearing material. 2,370,138; Feb. 27.

Bonsall, Charles D., Chicago, Ill., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Floor protecting sheet for railway cars. 2,387,226; Oct. 23.

Bonte, Frederick R., assignor to The Timken Roller Bearing Company, Canton, Ohio. Carburizing steels. 2,381,638; Aug. 7.

Bonvillian, Claude A., U. S. Navy, R. C. Brierly, Narberth, and S. Letvin, Philadelphia, Pa. Boiler steam baffling and dry pipe. 2,387,239; Oct. 23.

Bonwitt, Wilhelm F., Mount Vernon, N. Y., assignor to Burndy Engineering Company, Inc. Flat conductor connection. 2,376,861; May 29.

Bonyhady, Emil M., Worcester, Mass. Boot construction. 2,378,461; June 19.

Booharin, Leo Y., assignor of one-half to M. Cooney, San Francisco, Calif. Gas mask. 2,381,568; Aug. 7.

Booher, Ortis C.: *See*—
Kahl, F., and Booher.

Book, Charles R., assignor to The Eyelet Specialty Company, Waterbury, Conn. Cosmetic container. 2,367,457; Jan. 16.

Book, Charles R., assignor to The Eyelet Specialty Company, Waterbury, Conn. Cosmetic container. 2,385,680; Sept. 25.

Booker, Walter D., Pine Falls, Manitoba, Canada. Steam trap. 2,378,748; June 19.

Bookstein, Sol, et al.: *See*—
Eustamante, Cesar, assignor.

Boon, William R., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Halogeno-ketones. 2,370,392; Feb. 27.

Boon, William R., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Substituted ureas. 2,380,934; Aug. 7.

Boon, William R., and A. R. Lowe, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Secondary diamines. 2,387,573; Oct. 30.

Boone, John S. W., Chapel Hill, N. C. Self-loading truck body. 2,380,917; Aug. 7.

Boonton Molding Company: *See*—
Sayre, Gordon B., assignor.

Boor, Francis H., Lafayette, Ind., assignor to Rochester Bard. Fishing reel construction. 2,380,213; July 10.

Boor, Francis H., Lafayette, Ind., assignor to Fairfield Manufacturing Company. Differential mechanism. 2,380,397; July 31.

Booth, Alice L., executrix: *See*—
Booth, Levis M.

Booth, Charles F., Anniston, Ala., assignor to Monsanto Chemical Company. Making arsenic chloride. 2,383,105; Aug. 21.

Booth, Charles F., Anniston, Ala., assignor to Monsanto Chemical Company. Making alkali metal ferric pyrophosphate. 2,385,188; Sept. 18.

Booth, Douglas G.: *See*—
Pugh, C. A., Booth, and Jarvis.

Booth, Earl C., assignor to Nobilit-Sparks Industries, Inc., Columbus, Ind. Chair. 2,381,718; Aug. 7.

Booth, F. E., Company, Inc.: *See*—
Derby, Harold K., assignor.

Booth, George B., Beaumont, Tex. Roofing shingle or tile. 2,380,398; July 31.

Booth, George M., Westfield, assignor to Wallace & Tiernan Products, Inc., Belleville, N. J. Collapsible tube folding apparatus. 2,381,716; Aug. 7.

Booth, George M., Westfield, and J. S. Ballard, Montclair, assignor to Wallace & Tiernan Co. Inc., Belleville, N. J. Dry chemical feeder. 2,381,802; Aug. 7.

Booth, Harry T.: *See*—
Cruzan, H., and Booth.

Booth, Harry T., Glencoe, Ill. Testing core tubes. 2,371,217; Mar. 13.

Booth, James D., Catonsville, Md., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Receiver feed back circuits. 2,367,923; Jan. 23.

Booth, James D., Catonsville, Md., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Distortionless radio-frequency amplifier. 2,384,791; Sept. 18.

Booth, James H., Detroit, Mich., assignor to Thompson Products, Inc. Fastening means. 2,377,397; June 5.

Booth, James H., Detroit, Mich., assignor to Thompson Products, Inc., Cleveland, Ohio. Roller-bearing joint assembly. 2,388,950; Nov. 13.

Booth, Joseph B. S.: *See*—
Elliott, R. C., Dewhurst, and Booth.

Booth, Levis M., deceased, by A. L. Booth, Plainfield, N. J., executrix. Manufacturing paper and board. 2,368,635; Feb. 6.

Booth, Robert B., Springdale, Conn., assignor to American Cyanamid Company, New York, N. Y. Drilling muds. 2,375,616; May 8.

Booth, Robert B., Springdale, Conn.; assignor to American Cyanamid Company, New York, N. Y. Wettable and dispersible thiocarbanilide. 2,383,106; Aug. 21.

Booth, Robert B., Springdale, and E. C. Herkenhoff, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Beneficiation of iron ore. 2,385,054; Sept. 18.

Booth, Rolfe G.: *See*—
Brunton, B., and Booth.

Booth, William E., Runcorn, and R. Cosway, Penketh, England, assignors to Imperial Chemical Industries Limited. Solvent extraction. 2,385,564; Sept. 25.

Boothby, Walter M.: *See*—
Akerman, J., Boothby, Bulbulian, and Lovelace.

Boothby, Walter M., and W. R. Lovelace, II, Rochester, Minn. Portable field oxygen therapy apparatus. 2,390,236; Dec. 4.

Boothe, James H.: *See*—
Wilson, C. O., and Boothe.

Boots, Lawrence, Bayard, Iowa. Plowshare. 2,386,424; Oct. 9.

Boots Pure Drug Company Limited: *See*—
Short, W. F., and Oxley, assignors.

Bopp, Frank H.: *See*—
Robinson, J. E., Bopp, and Millelot.

Borah, John E., Penn Township, St. Joseph County, Ind. Container. 2,389,890; Nov. 27.

Borah, John E. and J. M., Osceola, Ind. Shipping box. 2,377,125; May 29.
Borah, Judith M.: *See*—
Borah, John E. and J. M.
Boral, Max, New York, N. Y. Fountain pen. 2,391,385; Dec. 25.
Borbé Erich, Zurich, Switzerland. Parcel carrier. 2,374,645; May 1.
Borcherding, Walter H.: *See*—
Jewell, J. W., Creelman, and Borcherding.
Borcherdt, Robert T., Wilmette, Ill. Support. 2,382,970; Aug. 21.
Borchers, Earl, assignor to American Cabinet Hardware Corporation, Rockford, Illinois, Rockford, Ill. Catch. 2,376,325; May 22.
Borchers, Herbert L.: *See*—
Hishon, P. D., Carter, Ravn, and Borchers.
Borden Company, The: *See*—
Bradshaw, L., and Stachel, assignors.
Lemmel, P. T., and Fell, assignors.
Mook, Donald E., assignor.
Supplee, G. C., Jensen, and Flanigan, assignors.
Borden, David M., Royal Oak, assignor to Chrysler Corporation, Highland, Mich. Control apparatus. 2,390,043; Dec. 4.
Borden, Edmund G., Little Neck, assignor to Cities Service Oil Company, New York, N. Y. Production of purified aromatic hydrocarbons from petroleum. 2,375,464; May 8.
Borden, Moro M., Collingswood, N. J., assignor to Simplex Valve and Meter Company, Philadelphia, Pa. Metering apparatus. 2,385,772; Oct. 2.
Borden, Perry A., assignor to The Bristol Company, Waterbury, Conn. Galvanometer. 2,368,701; Feb. 6.
Border, Samuel L.: *See*—
Miller, C. A., and Border.
Borders, Alvin M., W. D. Wolfe, H. J. Osterhof, Cuyahoga Falls, and C. W. Walton, Stow, assignors to Wingfoot Corporation, Akron, Ohio. Method of diene polymerization. 2,386,735; Oct. 9.
Borders, Bert: *See*—
Marple, K. E., and Borders.
Marple, K. E., Evans, and Borders.
Bordner, Charles A.: *See*—
Case, O. W., and Bordner.
Bordner, Charles A., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of benzil. 2,377,749; June 5.
Bordo, Lambert J., North Willow Grove, Pa. Gate valve. 2,381,431; Aug. 7.
Bordon Company, The: *See*—
Corwin, J. F., and Moffitt, assignors.
Bordon Mfg. Co., Inc.: *See*—
Donnelly, Thomas S., Jr., assignor.
Bork, Walter, Worcester, Mass. Precision toolholder for boring machines and the like. 2,374,325; Apr. 24.
Borg, Edward M., Seattle, Wash. Fish canning machinery. 2,387,240; Oct. 23.
Borg, Ernst L. S., Gothenburg, assignor to Fabriksaktiebolaget Haldataxametern, Holmstad, Sweden. Shearing and punching machine for sheet metal. 2,386,652; Oct. 9.
Borg, George W., Corporation: *See*—
Gibbs, T. B., and Brown, assignors.
Johnston, Samuel A., assignor.
Borg, George W., Corporation, et al.: *See*—
Carlson, C. A., assignor), and Butler.
Fink, Jean, assignor.
Fink, J., and Gibbs, assignors.
Gibbs, T. B., and Norrman, assignors.
Borg-Warner Corporation: *See*—
Bruestle, Carl O., assignor.
Carlson, Raymond A., assignor.
Carnagua, H. E., and Kelbel, assignors.
Carnagua, H. E., and Stough, assignors.
Conkle, Carl J., assignor.
Cravener, D. H., Jr., Ingersoll, and Wendel, assignors.
Delahan, E. H., and Frojd, assignors.
Doderer, Adolph W., assignor.
Dupuis, Ervin F., assignor.
Emerson, John R., assignor.
Godfrey, Lawrence P., assignor.
Harris, Cleo, assignor.
Hubacker, Earl F., assignor.
Ingersoll, Roy C., assignor.
Moffitt, William E., assignor.
Nutt, Harold, assignor.
Orr, Palmer, assignor.
Osborne, William B., assignor.
Russey, Edward S., assignor.
Simpson, John M., assignor.
Stuhlman, Frank A., assignor.
Stuhlman, F. A., and Berg, assignors.
Stuhlman, F. A., and Doderer, assignors.
Swennes, Benjamin A., assignor.
Van Voorhees, Harold E., assignor.
White, Samuel O., assignor.
Zeidler, Reinhold C., assignor.
Borgelt, Elmer H., Dayton, Ohio. Attaching electrical conductors to glider tow ropes. 2,389,132; Nov. 20.
Borgelt, Elmer H., Dayton, Ohio. Rope splicing tool. 2,390,505; Dec. 11.
Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Preparing a polyhydric alcohol ester of purified hydrogenated rosin. 2,366,589; Jan. 2.
Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Insulating tape. 2,367,663; Jan. 23.
Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Electrical insulation. 2,373,996; Apr. 17.
Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Refining tall oil. 2,374,975; May 1.
Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Core oil. 2,387,827; Oct. 30.
Bork, Edward R.: *See*—
Iddings, R. C., Bork, and Williams.
Borman, Henry W., and M. E. Engman, Centerville, S. Dak. Watering device. 2,372,544; Mar. 27.
Born, Frank G., and J. G. Oetzel, Beloit, Wis., assignors to Warner Electric Brake Manufacturing Company, South Beloit, Ill. Brake control for vehicle trains. 2,377,318; June 5.
Bornhuetter, William C., Maplewood, N. J. Bed. 2,376,114; May 15.
Bornstein, Alfred B.: *See*—
Hall, Mora S., and Bornstein, A. B. and W.
Bornstein, Leopold: *See*—
Rostler, F., and Bornstein.
Bornstein, William: *See*—
Hall, Mora S., and Bornstein, A. B. and W.
Borregard, Erest, assignor to Fuller Displays, Inc., Long Island City, N. Y. Advertising display. 2,389,606; Nov. 27.
Borsakovsky, Voldemar, Saint-Julien par Sennecey le Grand (Saône-et-Loire), France; vested in the Alien Property Custodian. Milling grain. 2,379,677; July 3.
Borsodi, Morris, New York, N. Y. Pencil. 2,378,973; June 26.
Bortagaray, Mario C., Resistencia, Argentina. Surgical separator. 2,383,705; Aug. 28.
Bortner, David C., assignor to York-Shipley, Inc., York, Pa. Liquid fuel burner apparatus. 2,370,933; Mar. 6.
Borton, Alwyn E., South Orange, assignor to Associated Patentees, Inc., Ampere, N. J. Strip feed. 2,380,918; Aug. 7.
Bos, Nicolaas: *See*—
Addink, N. W. H., van Amstel, and Bos.
Bosansky, Charles, Bayside, N. Y. Cornice attachment for windows. 2,368,964; Feb. 6.
Bosch, Edward S., assignor, by mesne assignments, of one-third to G. R. Compton, Saltsburg, Pa. Shoe heel. 2,372,760; Apr. 3.
Bosch, Lester L., assignor to R. E. Kramig & Company, Inc., Cincinnati, Ohio. Dissipation of heat from bus bars. 2,372,155; Mar. 20.
Bosch, Lester L., assignor to R. E. Kramig & Company, Inc., Cincinnati, Ohio. Electrical bus bar. 2,376,307; May 15.
Bose, John R: *See*—
Jacobus, D. D., and Bose.
Bosland, Herman S.: *See*—
La Piana, F. G., and Bosland.
Bosomworth, George P., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Apparatus for processing cord. 2,381,398; Aug. 7.
Bossard, Werner: *See*—
Krebser, A., and Bossard.
Bossart, Paul N.: *See*—
Breisch, E. W., and Bossart.
Bosse, Paul H: *See*—
Penney, H. D., and Whiteman, assignors.
Bossen, Martin C., Denver, Colo. Motoboat propulsion mechanism. 2,384,436; Sept. 11.
Bossert, Thedore W.: *See*—
Nock, J. A., Jr., and Bossert.
Bossi, Enea W., New York, N. Y. Aircraft with rotary blade system. 2,381,968; Aug. 14.
Bossi, Enea, New York, N. Y. Airing of antitorque propellers. 2,383,038; Aug. 21.
Boston Herald-Traveler Corporation: *See*—
Evangelista, Anthony J., assignor.
Boston Machine Works Company: *See*—
Osgood, Walter P., assignor.
Boston Wire Stitcher Company: *See*—
Harred, George H., assignor.
Boston Woven Hose & Rubber Company: *See*—
Marcy, Grosvenor D., assignor.
Bostwick, Myron A., Budd Lake, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Pilot relaying system. 2,376,752; May 22.
Botany Worsted Mills: *See*—
Pedrazzo, A. R. and E. R., assignors.
Bothner, Herman A., Springfield, Mass. Tool. 2,390,916; Dec. 11.
Botnick Motor Corporation: *See*—
Snell, Francis A., assignor.
Bottaro, Giacomo, Genoa, Italy; vested in the Alien Property Custodian. Apparatus for reclaiming of used lubricating oils. 2,368,636; Feb. 6.
Böttcher, Rudolf, Hohen-Neuendorf, near Berlin, Germany; vested in the Alien Property Custodian. Thermal pump. 2,368,101; Jan. 30.

Bottinelli, Lelio A., East Cleveland, assignor to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Wringer mechanism. 2,369,333; Feb. 13.
Bottinelli, Lelio A., East Cleveland, Ohio. Masher for potatoes. 2,385,966; Oct. 2.
Bottoms, Robert R., Crestwood, and J. H. Bowden, Louisville, Ky., assignors to National Cylinder Gas Company, Chicago, Ill. Fractionating column. 2,387,231; Oct. 23.
Botts, Hugh P., assignor of one-half to L. G. Botts, New York, N. Y. Book mounting. 2,375,190; May 8.
Botts, Laurence G.: *See*—
Botts, Hugh P., assignor.
Bouchard, Frederick J., Radford, Va., assignor to Hercules Powder Company, Wilmington, Del. Preparation of rubber derivatives. 2,376,027; May 15.
Bouchard, Samuel E., Brighton, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Head protector. 2,390,352; Dec. 4.
Bouchelle, William T., Scarsdale, N. Y., assignor to The Lord Baltimore Press, Baltimore, Md. Display device. 2,387,639; Oct. 23.
Bouchelle, William T., Scarsdale, N. Y., assignor to The Lord Baltimore Press, Baltimore, Md. Dispensing container. 2,387,640; Oct. 23.
Boucher, Charles L.: *See*—
De Lange, C., and Boucher.
Boucher, Charles P.: *See*—
Keiser, R. W., and Boucher.
Boucher, Charles P., Fostoria, Ohio, assignor to Boucher Inventions, Ltd. Illuminating tube system. 2,366,768; Jan. 9.
Boucher, Charles P., Fostoria, Ohio, assignor to Boucher Inventions, Ltd., Washington, D. C. Transformer. 2,371,576; Mar. 13.
Boucher, Charles P., Fostoria, Ohio, assignor to Boucher Inventions, Ltd. Electrode. 2,384,007; Sept. 4.
Boucher, Charles P., Paterson, and F. A. Kuhl, Ridgewood, N. J., assignors to Boucher Inventions, Ltd. Luminescent tube system and apparatus. 2,370,633; Mar. 6.
Boucher Inventions, Ltd.: *See*—
Boucher, Charles P., assignor.
Boucher, C. P., and Kuhl, assignors.
Bridges, John H., assignor.
Boucher and Keiser Company: *See*—
Keiser, Russell W., assignor.
Keiser, R. W., and Boucher, assignors.
Boudin, Louis, Saint-Gobain, France; vested in the Alien Property Custodian. Apparatus for the continuous production of corrugated glass sheets. 2,382,379; Aug. 14.
Bouget, Yves A., West Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Coating apparatus. 2,386,090; Oct. 2.
Boughton, Nolan E., Three Rivers, Mich. Cart for golf bags and the like. 2,383,587; Aug. 28.
Boughton, Willis A., and W. R. Mansfield, Cambridge, and F. C. Hughes, Boston, assignors to W. A. Boughton, C. L. Dawes, W. R. Mansfield, F. C. Hughes, and D. M. Hill, trustees of Mica Patents Trust, Cambridge, Mass. Making high temperature-resisting bonded mica products. 2,387,559; Oct. 23.
Boulet, Georges, Plessis-Robinson, France; vested in the Alien Property Custodian. Aircraft power plant for high altitude flight. 2,387,560; Oct. 23.
Boultbee, Arthur H.: *See*—
Bannerot, R. A., Boultbee, and Greensfelder.
Boulton, Harry L., and A. B. Savage, assignors to The Dow Chemical Company, Midland, Mich. Release agent for film-casting and embossing operations. 2,388,206; Oct. 30.
Boulton Paul Aircraft Limited: *See*—
Tompkins, W., and Doe, assignors.
Bound, Harry H., Lakewood, assignor to The Cleveland Welding Company, Cleveland, Ohio. Bicycle frame. 2,380,497; July 31.
Bound, Rowland H., assignor to Dowty Equipment Limited, Cheltenham, England. Aircraft alighting gear. 2,366,697; Jan. 9.
Bour, Robert C., assignor to Ditto, Incorporated, Chicago, Ill. Hectograph compositions and blankets. 2,368,516; Jan. 30.
Bour, Robert C., assignor to Ditto, Incorporated, Chicago, Ill. Hectograph blanket and preparing same. 2,372,354; Mar. 27.
Bourg, Anthony B.: *See*—
Heckethorn, J. E., Bourg and Leonard.
Bourgeois, George A., Lynn, Mass. Abrading machine. 2,368,108; Jan. 30.
Bourland, Ell, Milbrae Highlands, assignor to Pacific Can Company, San Francisco, Calif. Safety stop and mounting. 2,374,326; Apr. 24.
Bourland, Ira R., Chicago, and A. A. Heavener, Western Springs, Ill., assignors to General Motors Corporation Detroit, Mich. Governor. 2,371,793; Mar. 20.
Bourke, Thomas N., Grosse Pointe, and G. Stroh, Jr., Detroit, Mich. Glare shield. 2,370,521; Feb. 27.
Bourne, Raymond D., Middletown, Ohio. Streamlined hinge line for aircraft. 2,368,702; Feb. 6.
Bourne, Roland B., West Hartford, assignor to The Maxim Silencer Company, Hartford, Conn. Gun silencer. 2,375,617; May 8.
Bourque, Philip L., Detroit, Mich. Electrode holder. 2,375,836; May 15.
Bousky, Samuel, Shaker Heights, assignor to Jack & Heintz, Inc., Bedford, Ohio. Balancing machine. 2,383,588; Aug. 28.
Bousky, Samuel, Shaker Heights, assignor, by mesne assignments, to Jack & Heintz, Inc., Cleveland, Ohio. Self-aligning bearing assembly. 2,390,353; Dec. 4.
Bouslog, John G., Compton, Calif. Oil well bailer line measuring device. 2,383,844; Aug. 28.
Bousman, Samuel I., assignor to Western Machinery Company, San Francisco, Calif. Sedimentation apparatus. 2,368,703; Feb. 6.
Bousman, Samuel I., assignor to Western Machinery Company, San Francisco, Calif. Sedimentation apparatus. 2,370,120; Feb. 27.
Bouton, Edgar M., Nutley, and D. Santini, Tenafly, N. J., assignors, by mesne assignments, to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Elevator system. 2,376,113; May 15.
Bouton Foster Co., The: *See*—
Bouton, Marvin H., assignor.
Bouton, Marvin H., Glen Ellyn, assignor to The Bouton Foster Co., Chicago, Ill. Coating apparatus. 2,372,248; Mar. 27.
Bouvy, Christiaan H: *See*—
Crockett, C. V., Jr., and Bouvy.
Bouwer, Adam B., and L. Dorfman, Johannesburg, Transvaal, Union of South Africa. Concentrator. 2,373,452; Apr. 10.
Bouwers, Albert, Eindhoven, Netherlands. Apparatus for rectification and voltage increase. 2,369,772; Feb. 20.
Bouyoucos, George, assignor to Michigan State Board of Agriculture, East Lansing, Mich. Electric hygrometer. 2,367,561; Jan. 16.
Bouyoucos, George, assignor to Michigan State Board of Agriculture, East Lansing, Mich. Thermometer. 2,375,892; May 15.
Bovee, Jesse M., San Francisco, Calif. Flexible shank tool. 2,372,930; Apr. 3.
Bowan, Walter J.: *See*—
Mueller, F. H., and Bowan.
Bowden (Engineers) Limited: *See*—
Melsom, Walter A., assignor.
Bowden, James H.: *See*—
Bottoms, R. R., and Bowden.
Bowden, James J., and J. S. Suda, Warren, Ohio. Manufacture of iron and steel. 2,375,520; May 8.
Bowen, Bertram E. V.: *See*—
Wood, W. L., and Bowen.
Bowen, James M., Cape May Court House, and C. J. Allen, Moorestown, N. J., assignors to S. L. Allen & Co., Inc., Philadelphia, Pa. Adjustable gauge wheel support. 2,381,202; Aug. 7.
Bowen, John E.: *See*—
Pieri, E. D., and Bowen.
Bowen, Kenneth H., assignor to Columbian Rope Company, Auburn, N. Y. Molded boat. 2,376,753; May 22.
Bowen, Leslie G., Chicago, Ill. Airplane. 2,376,862; May 29.
Bowen, Lloyd R., Oakland, Calif. Jack switch. 2,368,914; Feb. 6.
Bowen Products Corporation: *See*—
Young, Leonard A., assignor.
Bowen Research Corporation: *See*—
Bunnell, Arthur V., assignor.
Bowen, William S., Westfield, N. J. Apparatus for producing metallic magnesium. 2,377,478; June 5.
Bower, Clark D., Pomona, Calif., assignor, by mesne assignments, to Fairbanks, Morse & Co. Mounting means for pump impellers and the like. 2,378,974; June 26.
Bower, George D., University City, assignor to Automatic Control Corporation, St. Louis, Mo. Heat-responsive element. 2,384,153; Sept. 4.
Bower, George D., University City, assignor to Automatic Control Corporation, St. Louis, Mo. Burner control mechanism. 2,388,666; Nov. 13.
Bower, George W., Harbor Creek, Pa., assignor to General Electric Company. Snap-acting device. 2,388,951; Nov. 13.
Bower James A., Chester, W. Va., assignor to The Taylor, Smith & Taylor Company, East Liverpool, Ohio. Sand packer for pottery. 2,375,191; May 8.
Bower, Walter, Barlborough, England. Wheel for agricultural tractors. 2,381,639; July 31.
Bowerman, Ernest W., Baytown, Tex., assignor to Standard Oil Development Company. Alkylation. 2,370,771; Mar. 6.
Bowers, Albert F., Charleston, W. Va., assignor to American Telephone and Telegraph Company. Radio telephone system. 2,383,908; Aug. 28.
Bowers, Ernest C., St. Paul, Minn. Forming transferable silk screen stencils. 2,374,524; Apr. 24.
Bowers, Herbert L., North Bergen, N. J., assignor to The Permutit Company, New York, N. Y. Apparatus for removing iron dissolved in water. 2,370,772; Mar. 6.
Bowers, Herbert L., Kenmore, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Aircraft. 2,385,493; Sept. 25.
Bowers, Louis E., Phoenix, Ariz. Medicine dropper. 2,382,771; Aug. 14.
Bowers, Oscar L., Tri-State Village, and S. Newburger, Chicago, Ill. Reel drive mechanism. 2,372,310; Mar. 27.
Bowers, Roy L.: *See*—
Lauer, C. J., and Bowers.

Bowers, Thomas A., assignor to Power Research Corporation, Boston, Mass. Piston ring. 2,390,044; Dec. 4.

Bowerston Shale Company, The: *See—*
Demuth, Wilbur O., assignor.

Bowie, Adrian St. J., assignor to Food Machinery Corporation, San Jose, Calif. Plunger packing. 2,388,520; Nov. 6.

Bowie, Harry J., Willow Grove, assignor to Fischer & Porter Company, Hatboro, Pa. Flow meter. 2,380,399; July 31.

Bowker, Frank E.: *See—*
Marziani, Joseph, assignor.

Bowles, Albert F., and H. M. Lipsius, Philadelphia, Pa. Mercury vapor discharge device. 2,379,620; July 3.

Bowles, Vernon O.: *See—*
Schutte, A. H., and Bowles.

Bowles, Vernon O., Dobbs Ferry, assignor to The Lummus Company, New York, N. Y. Catalytic reactor. 2,385,189; Sept. 18.

Bowling, Leonard C., assignor of one-half to L. O. Koen, Houston, Tex. Motor steering apparatus. 2,368,741; Feb. 6.

Bowling Patents Management Corporation: *See—*
Schmidt, Gottfried J., assignor.

Bowman, David W., Hollywood, assignor to Western Precipitation Corporation, Los Angeles, Calif. Apparatus for separating suspended matter from gas. 2,370,444; Feb. 27.

Bowman, Edward J., Anaconda, Mont. Separable connection for rock drills and like structures. 2,379,472; July 3.

Bowman Gum, Inc.: *See—*
Bowman, Jacob W., assignor.

Bowman, Jacob Warren, Rydal, Pa., assignor to Bowman Gum, Inc. Apparatus and method for the treatment of rubber or rubberlike materials. 2,368,102; Jan. 30.

Bowman, Jake F., Houston, Tex. Rodent guard. 2,381,569; Aug. 7.

Bowman, Lee, Hollywood, Calif., assignor of twenty per cent to C. A., C., and C. A. Cooper, Jr., Las Vegas, Nev., ten per cent to C. F. Shield, Glendale, and five per cent to P. J. Healy, Los Angeles, Calif. Airscrew. 2,378,125; June 12.

Bowman, Philip I.: *See—*
Burrell, H., and Bowman.

Bowman, Philip I., Syracuse, N. Y., and H. Burrell, Paramus, N. J., assignors, by mesne assignments, to Hayden Chemical Corporation. Nitrogen-containing resins and exchanging anions in fluid media. 2,388,235; Nov. 6.

Bowman, Robert L., Chaska, Minn. Sugar beet harvester and topper. 2,371,422; Mar. 13.

Bowman, Roy N.: *See—*
Hurlbut, J. H., Davidson, and Bowman.

Bowman, Wade W., assignor to Frostidrink Inc., New York, N. Y. Cup-dispensing mechanism. 2,374,168; Apr. 24.

Bowman, Wade W., assignor to Frostidrink Inc., New York, N. Y. Check controlled apparatus. 2,386,191; Oct. 9.

Bowman, Wade W., assignor to Frostidrink Inc., New York, N. Y. Carbonating apparatus. 2,391,003; Dec. 18.

Bown, Clifford E., Youngstown, Ohio. Double purpose tool. 2,383,464; Aug. 28.

Bowne, Langford J., Howard Beach, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Tie line. 2,379,061; June 26.

Bowser, S. F., & Company: *See—*
Blum, Hosmer L., assignor.

Bowser, S. F., & Company, Incorporated: *See—*
Chapman, C. H., and Griffith, assignors.
Farrell, Lawrence S., assignor.
Griffith, C. P., and Delaney, assignors.
Harvuot, Frank B., assignor.
Marsh, Cyril, assignor.
Marvel, Harvey E., assignor.
Merrill, Joseph A., assignor.

Box Blank Corporation: *See—*
Glover, Ralph M., assignor.
(Pantalone, V. R., assignor), and Elliott.

Boxley, Joseph H., Richmond, Va. Nursing bottle. 2,379,562; July 3.

Boyadjian, James A., Chicago, Ill., assignor to J. P. Seeburg Corporation. Automatic phonograph. 2,388,595; Nov. 6.

Boyar-Schultz Corporation: *See—*
Gideon, Victor W., assignor.

Boyce, Edward D., Little Falls, assignor to Bendix Aviation Corporation, Bendix, N. J. Shaping machine. 2,368,965; Feb. 6.

Boyce, Eugene L.: *See—*
Loewe, P. L., and Boyce.

Boyce, Malcolm B., Haverhill, Mass. Lubrication of automotive tires. 2,388,114; Oct. 30.

Boyd, Albert W., Detroit, Mich. Attachment for typewriting machines. 2,389,408; Nov. 20.

Boyd, Charles P., Kennet Square, Pa. Trough supporting means. 2,387,241; Oct. 23.

Boyd, George S., East Cleveland, Ohio. Multiple work support. 2,388,521; Nov. 6.

Boyd, George S., East Cleveland, Ohio. Tool support. 2,388,522; Nov. 6.

Boyd, James H., Jr., Hudson Township, Summit County, Ohio, assignor to Phillips Petroleum Company. Preparation of cyclopentanone. 2,371,794; Mar. 20.

Boyd, James H., Jr., Bartlesville, Okla., assignor to Phillips Petroleum Company. Separating diolefins. 2,386,927; Oct. 16.

Boyd, John: *See—*
Hagg, A. C., and Boyd.

Boyd, John, Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Bearing assembly. 2,372,054; Mar. 20.

Boyd, John C., Clayton, Mo. Making plastics. 2,372,761; Apr. 3.

Boyd, Leo B., Gardena, assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Flexible adapter. 2,381,102; Aug. 7.

Boyd, Mary P., et al: *See—*
Boyd, William P., assignor.

Boyd, Millard C., assignor to The Ryan Aeronautical Company, San Diego, Calif. Lateral control device for aircraft. 2,379,274; June 26.

Boyd, William P., Nashua, N. H.; R. B. Burnham, administrator of said W. P. Boyd, deceased, assignor of one-half to G. W. Pearson, Lowell, Mass., and one-half to M. P. Boyd, Exeter, N. H. Power razor. 2,375,521; May 8.

Boydell, E., & Company Limited: *See—*
Coldwell, Joe D., assignor.

Boyden, Robert E., Berkeley, Calif., assignor to Marchant Calculating Machine Company. Actuating mechanism for calculating machines. 2,366,431; Jan. 2.

Boyea, Ovila W., Malone, N. Y. Airplane. 2,379,875; July 10.

Boyer, Harry: *See—*
Pooler, Earl E., assignor.

Boyer, James B., Washington, D. C., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Burner control system. 2,390,935; Dec. 18.

Boyer, Ralph L., assignor to Cooper-Bessemer Corporation, Mount Vernon, Ohio. Supercharger for four-cycle gas fueled engines. 2,375,071; May 1.

Boyer, Ralph V., Nahant, Mass., assignor to General Electric Company. Laminated structure. 2,376,653; May 22.

Boyer, Robert A.: *See—*
Ford, H., Boyer, and Beyer.

Boyer, Robert A., Dearborn, and J. Crupi and W. T. Atkinson, Detroit, assignors to Ford Motor Company, Dearborn, Mich. Protein manufacture. 2,377,853; June 12.

Boyer, Robert A., Dearborn, and W. T. Atkinson and C. F. Robinette, Detroit, assignors to Ford Motor Company, Dearborn, Mich. Artificial fibers and manufacture thereof. 2,377,854; June 12.

Boyer, Robert Q.: *See—*
Kirk, P. L., and Boyer.

Boyer, Samuel R., Westminster, Md. Instrument for locating and spacing bored holes. 2,384,071; Sept. 4.

Boykin, John R., Baltimore, Md., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Voltage limiting circuit. 2,373,997; Apr. 17.

Boyle, John R., assignor to Westerlin and Campbell Company, Chicago, Ill. Air circulating apparatus. 2,380,935; Aug. 7.

Boyle-Midway Inc.: *See—*
Gelfand, Michael, assignor.

Boyles, Harry, and R. W. Grabb, Jeannette, assignors to Elliott Company, Pittsburgh, Pa. Apparatus for expanding tubes. 2,373,097; Apr. 10.

Boyles, Ralph R., and E. A. Wilhelm, assignors, to Waterous Company, St. Paul, Minn. Ejector. 2,376,326; May 22.

Boynton, Alexander, San Antonio, Tex.; S. S. Martin, executrix of said A. Boynton, deceased. Pressure regulator. 2,366,174; Jan. 2.

Boynton, Alexander, San Antonio, Tex.; S. S. Martin, executrix of said A. Boynton, deceased. Remotely controlled flow valve. 2,366,175; Jan. 2.

Boynton, Alexander, deceased, San Antonio, Tex.; S. S. Martin, executrix. Remotely controlled flow valve. 2,368,406; Jan. 30.

Boynton, Alexander, deceased, San Antonio, Tex.; S. S. Martin, executrix. Remotely controlled flow valve. 2,368,407; Jan. 30.

Boynton, Alexander, San Antonio, Tex.; S. S. Martin executrix of said A. Boynton, deceased. Pressure regulator, temperature resistant. 2,370,139; Feb. 27.

Boynton, Alexander, San Antonio, Tex.; S. S. Martin executrix of said A. Boynton, deceased. Flow intermitter. 2,370,140; Feb. 27.

Boynton, Alexander, deceased, San Antonio, Tex.; S. S. Martin, executrix. Wrench. 2,370,837; Mar. 6.

Boynton, Alexander, San Antonio, Tex.; S. S. Martin executrix of said A. Boynton, deceased. Fluid pressure regulator. 2,371,218; Mar. 13.

Boynton, Alexander, San Antonio, Tex.; S. S. Martin executrix of said A. Boynton, deceased. Pressure regulator, bellows type. 2,371,219; Mar. 13.

Boynton, Alexander, San Antonio, Tex.; S. S. Martin executrix of said A. Boynton, deceased. Remotely controlled flow valve. 2,371,220; Mar. 13.

Boynton, Alexander, deceased, San Antonio, Tex.; S. S. Martin executrix. Automatically rotatable bit for cable well tools. 2,371,496; Mar. 13.

Boynton, Alexander, deceased, San Antonio, Tex.; S. S. Martin, executrix. Flow intermitter. 2,372,656; Apr. 3.

Boynton, Alexander, deceased, San Antonio, Tex.; S. S. Martin, executrix. Side drive for rear wheels. 2,372,657; Apr. 3.

Boynton, Alexander, San Antonio, Tex., S. S. Martin, executrix of said A. Boynton, deceased. Remotely controlled flow valve operating tool. 2,373,647; Apr. 17.

Boynton, Alexander, San Antonio, Tex., S. S. Martin, executrix of said A. Boynton, deceased. Remotely controlled flow valve operating tool. 2,373,648; Apr. 17.

Boynton, Alexander, San Antonio, Tex.; S. S. Martin, executrix of said A. Boynton, deceased. Cementing between multiple sands. 2,374,169; Apr. 24.

Boynton, Alexander, deceased, San Antonio, Tex.; S. S. Martin, executrix. Pressure gauge for pneumatic tires. 2,384,437; Sept. 11.

Boynton, Arthur J., Chicago, Ill. Apparatus for averaging materials. 2,385,494; Sept. 25.

Boynton & Company: *See—*
Drebes, Fred C., assignor.

Boynton, Earl S., East Orange, N. J., assignor to John B. Pierce Foundation, New York, N. Y. Snap spring. 2,368,193; Jan. 30.

Boynton, Walter S., Portland, Maine. Method and apparatus for treating vegetables to remove unwanted particles therefrom. 2,380,498; July 31.

Braaten, Arthur M., Riverhead, N. Y., assignor to Radio Corporation of America. Crystal-controlled relaxation oscillator. 2,373,223; Apr. 10.

Brace, George A., Takoma Park, D. C., assignor to The Hoover Company, North Canton, Ohio. Refrigeration. 2,377,319; June 5.

Bracewell, Harry, Dadar, Bombay, British Indian. Weft-changing mechanism for looms. 2,373,943; Apr. 17.

Bracken, Wallace H., Rye, N. Y. Wardrobe trunk. 2,385,910; Oct. 2.

Brackett, Ralph T.: *See—*
Crews, Herman A., assignor.

Bradberry, Henrietta, Chicago, Ill. Torpedo discharge means. 2,390,688; Dec. 11.

Bradbury, Frederick G.: *See—*
Abadie, Henry G., assignor.

Bradbury, William T., Oreland, Pa., and C. E. Chesser and H. F. Lieber, assignors to Newark Stove Company, Newark, Ohio. Automatic magazine feed solid fuel heater. 2,382,287; Aug. 14.

Braddon, Frederick D.: *See—*
Carter, L. F., and Braddon.

Braddon, Frederick D., Babylon, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Gyro magnetic compass controlling means. 2,375,764; May 15.

Braddon, Frederick D., Babylon, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Gyroscopic instrument. 2,385,342; Sept. 25.

Braddon, Frederick D., Babylon, N. Y., and L. F. Carter, Leonia, N. J., assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Turn error preventing means for gyro-verticals. 2,369,131; Feb. 13.

Braden, Rene A., Haddon Heights, N. J., assignor to Radio Corporation of America. Monitoring and measuring apparatus for frequency modulated signals. 2,369,011; Feb. 6.

Bradford, Arthur J.: *See—*
Ditty, Allan V., and Bradford.

Bradford, James J., Burbank, Calif. Laminated slide film mount. 2,383,465; Aug. 28.

Bradford, James J., Burbank, Calif. Film mount slide. 2,390,053; Dec. 4.

Bradford, Purdy: *See—*
Young, H. H. and C. S., and Bradford.

Bradford, Zerbe C., Dayton, Ohio., assignor to General Motors Corporation, Detroit, Mich. Actuator. 2,387,713; Oct. 30.

Brading, Harry M., assignor to Indian Archery & Toy Corporation, Evansville, Ind. Sight. 2,378,391; June 19.

Bradley, Chester W.: *See—*
Salley, D. J., Bradley, and Davis.

Bradley, Chester W., Old Greenwich, and H. S. Davis, Riverside, Conn., assignors to American Cyanamid Company, New York, N. Y. Producing acrylonitrile. 2,385,327; Sept. 25.

Bradley Equipment Company: *See—*
Bradley, Ralph A., assignor.

Bradley, Frank: *See—*
Williamson, A. T., and Bradley.

Bradley, James A., assignor to The United Sales Corporation, Pittsburgh, Pa. Excavating equipment. 2,379,876; July 10.

Bradley Pie Company: *See—*
Bryant, Frank, assignor.

Bradley, Ralph A., Minneapolis, Minn. Vehicle axle. 2,370,773; Mar. 6.

Bradley, Ralph A., Minneapolis, assignor to Bradley Equipment Company, St Paul, Minn. Load bearing spring assembly for trucks or the like. 2,387,874; Oct. 30.

Bradley, Robert I., Belmont, Mass. Temperature measuring instrument. 2,371,603; Mar. 20.

Bradley, Theodore F.: *See—*
Miller, A. A., and Bradley.

Bradley, Theodore F., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Synthetic waxes and wax compositions. 2,367,712; Jan. 23.

Bradley, Theodore F., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Synthetic drying oils. 2,378,827; June 19.

Bradley, Theodore F., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Amides of high molecular weight carboxylic acids. 2,379,413; July 3.

Bradley Washfountain Co.: *See—*
Mullett, H. G., and Wachter, assignors.

Bradley, William E.: *See—*
Bingley, F. J., and Bradley.

Bradley, William E., assignor to Union Oil Company of California, Los Angeles, Calif. Production of hydrocarbon fuels. 2,376,472; May 22.

Bradley, William E., Northampton, assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Harmonic generator. 2,391,386; Dec. 25.

Bradner, Donald B., Mount Healthy, Ohio, assignor to The Champion Paper and Fibre Company, Hamilton, Ohio. Apparatus for applying moisture to paper webs. 2,366,484; Jan. 2.

Bradshaw, John: *See—*
Milnarik, W., and Bradshaw.

Bradshaw, Lawrence, Bainbridge, N. Y., and C. L. Stachel, Detroit, Mich., assignors to The Borden Company, New York, N. Y. Making adhesive material. 2,391,387; Dec. 25.

Bradshaw, Russell R., assignor to The Dow Chemical Company, Midland, Mich. Decorative effects in polystyrene moldings. 2,383,765; Aug. 28.

Bradt, Charles H. Groton, assignor to L. C. Smith & Corona Typewriters, Inc., Syracuse, N. Y. Duplicating machine. 2,387,739; Oct. 30.

Bradt, Charles H., Groton, assignor to L. C. Smith & Corona Typewriters, Inc., Syracuse, N. Y. Duplicating machine. 2,387,740; Oct. 30.

Brady, Charles V., Webster Groves, assignor to Bemis Bro. Bag Company, St. Louis, Mo. Bag closure. 2,373,010; Apr. 3.

Brady, Charles V., Webster Groves, assignor to Bemis Bro. Bag Co., St. Louis, Mo. Bag closure. 2,385,255; Sept. 18.

Brady, Francis E., Jr., Muncie, Ind. Pump. 2,382,539; Aug. 14.

Brady, Howard W.: *See—*
Greenberg, H., and Brady.

Braendel, Felix W., Union City, and C. C. Richards, West New York, assignors to Groov-Pin Corporation, Union City, N. J. Making grooved pins and the like. 2,376,335; May 22.

Braendel, Felix W., Union City, and C. C. Richards, West New York, assignors to Groov-Pin Corporation, Union City, N. J. Making grooved pins and the like. 2,376,654; May 22.

Braendle, Harold A.: *See—*
Wiegand, W. B., and Braendle.

Bragg, Thomas W.: *See—*
Jaynes, A., and Bragg.

Braham, William E.: *See—*
McConnell, A. M., and Braham.

Brahmer, Leland F.: *See—*
Hanna, R. P., and Brahmer.
Hanna, R. P., Atkinson, and Brahmer.

Brahn, Benno B. A., Amsterdam, Netherlands, assignor, by mesne assignments, to R. E. V. Roesler de Villiers, New Rochelle, N. Y. Suppositorium containing insulin. 2,373,625; Apr. 10.

Braidwood, Chester A., deceased; E. N. Braidwood, executrix, Perth Amboy, N. J. Indicating system. 2,374,408; Apr. 24.

Braidwood, Emily N., executrix: *See—*
Braidwood, Chester A.

Brain, Harry E., London, W. C. 1, assignor to The Automatic Telegraph and Radio Transceiver Company, Limited, London, England. Telegraphic transmission apparatus. 2,382,127; Aug. 14.

Brainard, Kenneth A., Altadena, Calif. Electrical terminal. 2,380,936; Aug. 7.

Brainard Steel Corporation, The: *See—*
Schindler, Frank S., assignor.

Brake Equipment & Supply Co.: *See—*
Pratt, B., and Smith, assignors.

Braker, William, Brooklyn, and E. Fribyl, Astoria, assignors to E. R. Squibb & Sons, New York, N. Y. 6-amino nicotinamide derivatives. 2,381,873; Aug. 14.

Braloff, Henry E., Rockville Centre, N. Y. Container and making the same. 2,369,012; Feb. 6.

Braloff, Henry E., Rockville Centre, N. Y. Container and making the same. 2,369,013; Feb. 6.

Bramberry, Harry M., Oak Park, Ill. Manufacturing piston rings. 2,390,417; Dec. 4.

Brammer, Frederick C., and W. C. H. West, assignors to Thames Board Mills Limited, Purfleet, England. Pneumatic control. 2,382,853; Aug. 14.

Brams, Stewart L., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Rubber composition and making same. 2,388,037; Oct. 30.

Bramson, Ely, assignor to Bramson Manufacturing Company, Inc., Chicago, Ill. Egg candling apparatus. 2,370,121; Feb. 27.

Bramson, Ely, assignor to The Bramson Manufacturing Co., Chicago, Ill. Egg candling apparatus. 2,370,122; Feb. 27.

Bramson Manufacturing Company, Inc.: *See*—
Bramson, Ely, assignor.

Bramson, Maurice, Brooklyn, N. Y. Closure for steam sterilizers. 2,379,473; July 3.

Bramson, Maurice, Brooklyn, N. Y. Heating cabinet, incubator, and the like. 2,379,474; July 3.

Brand, Benjamin, Minot, N. Dak. Ground stake. 2,366,997; Jan. 9.

Brand, Frederick B., Hollis, assignor to Control Instrument Company, Inc., Brooklyn, N. Y. Indicator dial. 2,378,975; June 26.

Brand, Maurice B., Chicago, Ill. Smoking appliance. 2,373,993; Apr. 17.

Brand, Samuel, Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Gun. 2,379,784; July 3.

Brand, Samuel, Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Adding and subtracting mechanism. 2,386,425; Oct. 9.

Brand, Samuel, Binghamton, and J. M. Cunningham, Endicott, assignors to International Business Machines Corporation, New York, N. Y. Key controlled calculating mechanism. 2,369,430; Feb. 13.

Brand, Samuel, Binghamton, and J. M. Cunningham, Endicott, assignors to International Business Machines Corporation, New York, N. Y. Record controlled accounting machine. 2,375,275; May 8.

Brandel, Otto J., Portland, Oreg. Ladder construction. 2,388,915; Feb. 6.

Brandell, Elmer: *See*—
Neal, Ernest C., assignor.

Brandenburg, Hellmuth R., Cowell, assignor to Idaho Maryland Mines Corporation, San Francisco, Calif. Converting hydrous magnesian silicates into basic products. 2,384,008; Sept. 4.

Brandenburg, Hellmuth R., Cowell, assignor to Idaho Maryland Mines Corporation, San Francisco, Calif. Recovering magnesium salts. 2,384,009; Sept. 4.

Brandenburg, Hellmuth R., Grass Valley, assignor to Idaho Maryland Mines Corporation, San Francisco, Calif. Producing magnesium sulphate. 2,384,010; Sept. 4.

Brandes, Arthur, Arcadia, Calif., assignor of one-half to R. S. Chapman, Phoenix, Ariz. Steam treatment vessel. 2,379,062; June 26.

Brandl, Willi, Zurich, Switzerland; vested in the Alien Property Custodian. Water heater. 2,369,526; Feb. 13.

Brandon, Howard, et al.: *See*—
Nelson, Noble A., assignor.

Brandsten, Ernst M., Woodside, Calif. Life preserver. 2,373,994; Apr. 17.

Brandstrom, Fred, Westport, Conn., assignor to Manning, Maxwell & Moore, Incorporated, New York, N. Y. Air volume control. 2,381,640; Aug. 7.

Brandt Automatic Cashier Company: *See*—
Buchholz, A. R., and Barganz, assignors.

Brandt, Christlieb K., Sr., Kirkwood, Mo. Safety razor. 2,382,957; Aug. 21.

Brandt, David G., Westfield, N. J., assignor to Cities Service Oil Company, New York, N. Y. Natural gas recycling process. 2,367,285; Jan. 16.

Brandt, David G., Westfield, N. J., assignor to Cities Oil Company, New York, N. Y. Process for manufacturing alkyl benzene hydrocarbons. 2,391,818; Dec. 25.

Brandt, Edgar W., Paris, France, assignor to Sageb, Société Anonyme de Gestion et d'Exploitation de brevets, Fribourg, Switzerland. Ordnance. 2,368,966; Feb. 6.

Brandt, Henry, et al.: *See*—
Rees, John N., assignor.

Brandt, Henry E., St. Paul, Minn. Fire extinguishing device. 2,366,692; Jan. 9.

Brandt, Howard, New York, N. Y. Welder's unit. 2,373,161; Apr. 10.

Brandt, John F., Irondequoit, and R. F. E. Stegeman, assignors to Bausch & Lomb Optical Company, Rochester, N. Y. Optical instrument. 2,384,528; Sept. 11.

Brandt, Joseph, & Bro. Inc.: *See*—
Brandt, Louis, assignor.

Brandt, Louis, assignor to Joseph Brandt & Bro. Inc., New York, N. Y. Apparatus for folding sheet material. 2,368,445; Jan. 30.

Brandt, Philipp: *See*—
Hattl, R., and Brandt.

Brandtjen & Kluge, Inc.: *See*—
Kluge, Eneval, assignor.

Brandwein, A. & Company: *See*—
Kelly, Dwight N., assignor.

Brangaccio, David J., Summit, N. J. Frame patch pocket. 2,369,208; Feb. 13.

Branham, Adolphus D., St. Louis, Mo. Recording mechanism. 2,385,399; Sept. 25.

Brant, Mark, Arcadia, Fla. Navigation trainer. 2,387,875; Oct. 30.

Brannon, Herbert E., Detroit, Mich. Electric broiler. 2,386,426; Oct. 9.

Branson, David E., River Edge, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph switching system. 2,382,128; Aug. 14.

Branson, Norman G.: *See*—
Kuehni, H. P., and Branson.

Brant, Joseph H., and R. L. Hasche, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Manufacture of acrylonitriles. 2,386,586; Oct. 9.

Brant, Olaf M.: *See*—
McMinn, W. W., and Brant.

Brass Goods Manufacturing Co.: *See*—
Maloney, Frank H., assignor.

Brass Products Co.: *See*—
Haldane, James M., assignor.

Brassert, H. A., & Company: *See*—
Brassert, Herman A., assignor.
Brassert, H. A., and Ramseyer, assignors.
Bruton, Albert L., assignor.
Ramseyer, Charles F., assignor.
Ramseyer, C. F., and de Jahn, assignors.

Brassert, Herman A.: *See*—
Cape, A. T., Brassert, and Thomas.

Brassert, Herman A., Rye, assignor to Minerals and Metals Corporation, New York, N. Y. Producing metals. 2,367,262; Jan. 16.

Brassert, Herman A., Washington, Conn., assignor to H. A. Brassert & Company, New York, N. Y. Manufacture of metal products. 2,383,766; Aug. 28.

Brassert, Herman A., Washington, and C. F. Ramseyer, Old Greenwich, Conn., assignors to H. A. Brassert & Company, New York, N. Y. Apparatus for reduction of metallic material. 2,389,133; Nov. 20.

Bratton, Samuel M., assignor to The Pusey & Jones Corporation, Wilmington, Del. Joint construction. 2,381,432; Aug. 7.

Brauchler, Charles A., Canton, Ohio. Manufacture of propeller blades. 2,378,059; June 12.

Brauchler, Charles A., Canton, Ohio. Forging apparatus. 2,378,060; June 12.

Brauchler, Charles A., Canton, Ohio. Forging cylinder heads. 2,390,867; Dec. 11.

Braun, Anita M., Winnipeg, Manitoba, Canada. Oil refining means. 2,388,821; Nov. 13.

Braun, Arno A., assignor to Universal Oil Reclaimer Company, Limited, Winnipeg, Manitoba, Canada. Oil reclaiming device. 2,377,988; June 12.

Braun, Ernest J., Park Ridge, Ill., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Car lining. 2,377,989; June 12.

Braun, Geza and O. N. Breivik, assignors to Standard Brands, Incorporated, New York, N. Y. Separation of hydroxy carboxylic acids. 2,382,288; Aug. 14.

Braun, Glenn J., Huntington Park, Calif. Tool holder. 2,371,377; Mar. 13.

Braun, Karl J., North Merrick, and O. E. Kase, Valley Stream, assignors to Remington Rand Inc., Buffalo, N. Y. Punching mechanism. 2,387,628; Oct. 30.

Braun, Robert H., Glendale, Calif. Pallet. 2,372,055; Mar. 20.

Braun, Walter, Los Angeles, Calif. Shoe construction. 2,380,146; July 10.

Braun, William P. H., Wynnewood, Pa. Lawn mower sharpener. 2,367,562; Jan. 16.

Braunberger, Fred, Garrison, N. Dak. Novelty and initial cutting machine. 2,369,941; Feb. 20.

Brauner, Fred: *See*—
Ullman, R., and Brauner.

Bray, Ulric B.: *See*—
Shields, J. E., and Bray.

Brayley, John, trustee: *See*—
Streater, Edward C., assignor.

Breadner, Robert L., Kenton, J. W. Harris, North Wembly, and C. H. Simms, Twickenham, England, assignors to General Electric Company. Making seals. 2,374,269; Apr. 24.

Breault, Delphis C., Boston, assignor to American Heat Corporation, Lowell, Mass. Oil burner. 2,381,803; Aug. 7.

Brecher, Irving: *See*—
Lesavoy, I. L., and Brecher.

Brechner, Claude H.: *See*—
Griffin, N. B., and Brechner.

Brecht, Winston A., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Locomotive gear drive. 2,370,002; Feb. 20.

Brecht, Winston A., Forest Hills, and F. L. Alben, Pittsburgh, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Locomotive drive unit. 2,381,255; Aug. 7.

Brechtel, Robert H., Sebewaing, Mich. Reshaping bags filled with fluent material. 2,373,162; Apr. 10.

Breck, Samuel, Rutherford, N. J., assignor to United States Rubber Company, New York, N. Y. Vulcanization of olefine-diolefine copolymers. 2,386,427; Oct. 9.

Breckley, Joseph A.: *See*—
Robertson, D. W., and Breckley.

Brede Inc.: *See*—
Brede, W. S., Curtis, and Reibold, assignors.

Brede, Martin H., Denver, Colo. Carrying pocket. 2,387,232; Oct. 23.

Brede, William S., M. M. Curtis, and J. L. Reibold, assignors to Brede, Inc., Minneapolis, Minn. Bag construction. 2,370,226; Feb. 27.

Bredenbeck, Bill C., Parma, assignor to Thompson Products, Inc., Cleveland, Ohio. Seal assembly. 2,390,201; Dec. 4.

Breed, Carroll M., assignor to United Stove Company, Ypsilanti, Mich. Lighter for oil burner stoves. 2,372,174; Mar. 27.

Breed, Charles W., Western Springs, and G. R. Burkhardt, Chicago, Ill., assignors to American Brake Shoe Company, New York, N. Y. Railway frog body. Re. 22,630; Apr. 17.

Breedlove, Charles B., Romeo, Mich. Guard or baffle for fuel tanks. 2,372,545; Mar. 27.

Breedlove, Charles B., Detroit, Mich. Threaded fastener. 2,378,462; June 19.

Breeler, Walter R., and G. M. Butler, Jr., Fredonia, N. Y., assignors to Allegheny Ludlum Steel Corporation, Pittsburgh, Pa. Poppet valve and valve seat for internal-combustion engines. 2,380,821; July 31.

Breen, Henry D., and A. P. O'Connor, assignors to Union Asbestos & Rubber Company, Chicago, Ill. Railway car end construction. 2,373,378; Apr. 10.

Breen, Walter F., Lancaster, and M. B. Good, Ephrata Township, Lancaster County, assignors to Hamilton Watch Company, Lancaster, Pa. Table. 2,389,022; Nov. 13.

Breer, Carl, Grosse Pointe Park, and R. N. Janeway, Detroit, assignors to Railroad Rolling Stock Patents Corporation, Highland Park, Mich. Torsionally neutralized railway truck. 2,371,796; Mar. 20.

Breese, James L., and B. Hayter, Santa Fe, N. Mex., and Milton D. Huston, Chicago, Ill., assignors to Oil Devices, Sante Fe, N. Mex. Double burner structure. 2,366,706; Jan. 9.

Breese, James L., and B. Hayter, assignors to Oil Devices, Santa Fe, N. Mex. Pot type burner with corrugated pilot ring. 2,381,864; Aug. 14.

Breese, Robert P., New York, assignor to General Bronze Corporation, Long Island City, N. Y. Utility furniture piece. 2,384,234; Sept. 4.

Breeze Corporations, Inc.: *See*—
Cicchetti, E. G., and Lewis, assignors.
Haas, Sidney V., Jr., assignor.
Haas, S. V., Jr., and Strunk, assignors.
Kuhn, Russell C., assignor.
Picciano, Michael A., assignor.
Tierney, Samuel, Jr., assignor.
Wright, Frank, assignor.

Bregin, John D., assignor to Foot Bros., Gear and Machine Corporation, Chicago, Ill. Spline arbor. 2,372,931; Apr. 3.

Brehmer, F. W., Machine & Tool Co.: *See*—
Albrecht, M. L., and Birn, assignors.

Breisch, Edgar W., Edgewood, and P. N. Bossart, Chesswick, assignors to The Union Switch & Signal Company, Swissvale, Pa. Locking means for apparatus assemblies. 2,370,003; Feb. 20.

Breitenbach, Robert H., and L. E. Willett, assignors to Chamberlin Metal Weather Strip Company, Detroit, Mich. Sash-holding device. 2,372,634; Mar. 27.

Breitenstein, Victor W., assignor to Illinois Testing Laboratories, Inc., Chicago, Ill. Magnetic instrument. 2,384,529; Sept. 11.

Breivik, Orville N.: *See*—
Braun, Geza, and Breivik.

Brekelbaum, Erwin C.: *See*—
Oestreicher, S., and Brekelbaum.

Bremacc Corporation: *See*—
Carlson, Artie C., assignor.

Bremer, Harry E., Milwaukee, Wis. Centrifugal casting. 2,383,442; Aug. 28.

Bremer, Norman C.: *See*—
Cherry, R. E., and Bremer.

Bremner, John G. M., P. W. Reynolds, and A. W. C. Taylor, Norton-on-Tees, England, assignors to Imperial Chemical Industries Limited. Treatment of hydrocarbons. 2,382,394; Aug. 14.

Bremner, John G. M., R. H. Stanley, D. G. Jones, and A. W. C. Taylor, Norton-on-Tees, England, assignors to Imperial Chemical Industries Limited. Production of di-carboxylic acids. 2,389,950; Nov. 27.

Bremser, Albert T., Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Cooling system for fuel injection nozzles. 2,371,804; Aug. 7.

Bremser, Albert T., Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Fuel injection pump. 2,382,000; Aug. 14.

Bremser, Albert T., Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Fuel injection apparatus. 2,384,011; Sept. 4.

Bremser, Albert T., Sidney, assignor to Bendix Aviation Corporation, New York, N. Y. Fuel injection apparatus. 2,384,012; Sept. 4.

Brenan, Joseph B.: *See*—
Moynihan, John J., assignor.

Brend, William R., assignor to Lock Joint Pipe Company, East Orange, N. J. Apparatus for applying plastic coatings. 2,368,742; Feb. 6.

Brend, William R., assignor to Lock Joint Pipe Company, East Orange, N. J. Apparatus for applying plastic coatings. 2,380,499; July 31.

Brendel, Max E., assignor to Streeter-Amet Company, Chicago, Ill. Weighing apparatus. 2,366,432; Jan. 2.

Breneman, Chas. W., Company, The: *See*—
Schueller, Frank R., assignor.

Brenkert, Karl, assignor to Brenkert Light Projection Company, Detroit, Mich. Ventilating system for motion picture projectors. 2,378,682; June 19.

Brenkert Light Projection Company: *See*—
Brenkert, Karl, assignor.

Brennan, Frank C. and J. S., St. Louis, Mo., and L. J. Reysa, Cedar Rapids, Iowa, assignors to J. S. Costello & Son Brush Co., St. Louis, Mo. Mop swab for use on smooth surfaced floorings and the like. 2,374,170; Apr. 10.

Brennan, John S.: *See*—
Brennan, Frank C. and J. S., and Reysa.

Brennan, John S., assignor to J. S. Costello & Son Brush Co., St. Louis, Mo. Making mop frames for swab structures for use on smooth surfaced floorings and the like. 2,370,838; Mar. 6.

Brennan, Joseph B., Euclid, Ohio. Method of and apparatus for making metal wire, rod, strip, and the like. 2,371,604; Mar. 20.

Brennan, Joseph B., Euclid, Ohio. Electrostatic condenser. 2,373,098; Apr. 10.

Brennan, Joseph B., Euclid, Ohio. Electrode and making same. 2,375,211; May 8.

Brennan, Patrick J., deceased, Bay City, Mich.; E. Gallagher, administratrix. Bookstand. 2,374,409; Apr. 24.

Brenner, Herman A.: *See*—
Barnes, E. L., and Brenner.

Brenner, Nat: *See*—
Wright, Jack H., assignor.

Brenner, Ralph F., Lancaster, Ohio, assignor to Dominion Minerals, Incorporated, Washington, D. C. Treating the rock, aplite. 2,368,194; Jan. 30.

Brenner, Ralph F., Lancaster, Ohio, assignor to Dominion Minerals, Incorporated, Washington, D. C. Treating the rock, aplite. 2,387,561; Oct. 23.

Brenner, Samuel L.: *See*—
De Verter, Walton, assignor.

Brenner, Simon, Wooster, Ohio. Man's undergarment. 2,369,773; Feb. 20.

Brennom, Elmo F.: *See*—
Eenigenburg, Robley E., assignor.

Brenzinger, Julius, Fairfield, assignor to The Max Ams Machine Company, Bridgeport, Conn. Welding device. 2,391,292; Dec. 18.

Breon, George A., & Company, Incorporated: *See*—
Hoehn, Willard M., assignor.

Bresch, Albert L., University City, Mo. Hospital bed. 2,375,192; May 8.

Breslee Mfg. Company: *See*—
Hornstein, Morton, assignor.

Breslove, Abel H., assignor, by mesne assignments, to Van Cleef Bros., Chicago, Ill. Tool for applying tube sealing devices. 2,385,055; Sept. 18.

Breth, Ferdinand W., and A. Kinsel, Petrolia, Pa., assignors to L. Sonneborn Sons, Inc., New York, N. Y. Refining petroleum oils. 2,390,917; Dec. 11.

Breuer Electric Mfg. Co.: *See*—
Jason, John P., assignor.

Breuer, Frederick W., Haverford, Pa., assignor to The United Gas Improvement Company. Chemical process and product. 2,366,311; Jan. 2.

Breuer, Frederick W., Haverford, Pa., assignor to The United Gas Improvement Company. Refining butadiene contaminated with monovinylacetylene. 2,391,004; Dec. 18.

Breuer, Karl, Toronto, Ontario, Canada. Metal roll forming machine. 2,374,802; May 1.

Breuker, John C., Jr., U. S. Army, Phoenixville, Pa. Eyeglasses. 2,374,171; Apr. 24.

Brewer, Clarence T., Chicago, Ill., assignor to Dixie Cup Company. Machine for producing containers and parts thereof. 2,385,604; Sept. 25.

Brewer, Everett R.: *See*—
Williams, Absalom D., assignor.

Brewer, John A., assignor of one-half to H. W. Armstrong, Kalamazoo, Mich. Amusement device. 2,368,088; Jan. 30.

Brewer, Nathaniel: *See*—
Stock, A. J., and Brewer.

Brewer, Nathaniel, Hatfield, assignor to Fisher & Porter Company, Hatboro, Pa. Rotameter. 2,370,634; Mar. 6.

Brewer, Nathaniel, Hatfield, assignor to Fischer & Porter Company, Hatboro, Pa. Flowmeter. 2,377,861; June 12.

Brewer, Nathaniel, Hatfield, assignor to Fischer & Porter Company, Hatboro, Pa. Flow responsive switch. 2,388,671; Nov. 13.

Brewer, Nathaniel, Hatfield, assignor to Fischer & Porter Company, Hatboro, Pa. Flow measuring device. 2,388,672; Nov. 13.

Brewer, Nicholas L., Utica, assignor to Savage Arms Corporation, New York, N. Y. Mechanism for control of breech bolt return and release of hammer for semiautomatic firearms. Re. 22,585; Jan. 2.

Brewster, Charles E., Seattle, Wash., assignor to Boeing Aircraft Company. Fastening device. 2,373,083; Apr. 3.

Brewster Company, Inc., The: *See*—
Garrett, Ernest D., assignor.

Breyer, Frank G., Wilton, Conn., assignor to Dominion Magnesium Limited, Toronto, Ontario, Canada. Production of metals in multiple retort distilling furnace. 2,386,429; Oct. 9.

Brian, William S.: *See*—
Wittlinger, L. M., and Brian.

Brian, William S., Owensboro, Ky., assignor to General Motors Corporation, Detroit, Mich. Autocollimating device. 2,385,495; Sept. 25.

Brick, Frank R., Elizabeth, N. J. Synchronising system. 2,372,762; Apr. 3.

Brick, Frank R., Elizabeth, N. J. Developing apparatus. 2,385,681; Sept. 25.

Brickman, Alan E., New Haven, Conn., assignor to The American Steel and Wire Company of New Jersey. Airplane tow target. 2,376,754; May 22.

Brickman, Alan E., New Haven, Conn., assignor to The American Steel and Wire Company of New Jersey. Airplane tow target release device. 2,382,854; Aug. 14.

Brickman, Alan E., New Haven, Conn., assignor to The American Steel and Wire Company of New Jersey. Broomed stranded wire structure and method and apparatus for making the same. 2,389,951; Nov. 27.

Brickner-Kropf Machine Company, et al.: *See*—
Bunker, V. W., De Young, and Kropf, assignors.

Bridgeport Brass Company: *See*—
Brown, Gregory, assignor.

Bridges, John H., Paterson, N. J., assignor to Boucher Inventions, Ltd. Luminescent tube system. 2,370,635; Mar. 6.

Bridwell, John W., and J. E. Jass, Peoria, Ill., assignors to Caterpillar Tractor Co., San Leandro, Calif. Control mechanism. 2,366,433; Jan. 2.

Bried, Edward A. Elsmere, assignor to Hercules Powder Company, Wilmington, Del. Polymerizing rosin. 2,376,618; May 8.

Bried, Edward A., Newport, assignor to Hercules Powder Company, Wilmington, Del. Rosin condensation products and producing. 2,383,289; Aug. 21.

Brierley, Walter, Gloucester, England, assignor to Rotol Limited. Airscrew. 2,389,760; Nov. 27.

Brierly, Ralph C.: *See*—
Bonvillian, C. A., Brierly, and Letvin.

Brigden, Hobart A., Milwaukee, Wis. Fertilizer cartridge. 2,380,721; July 31.

Briggs Clarifier Company: *See*—
Briggs, Southwick W., assignor.
Briggs, S. W., and (Bauer, assignor).
Briggs, S. W., (Bauer, and Ewbank, assignors).

Briggs, Janet Z., assignor to Crucible Steel Company of America, New York, N. Y. Shallow hardening steel and article thereof. 2,369,656; Feb. 20.

Briggs, Leland G., Madison, Wis., assignor to Ray-O-Vac Company. Dry-cell dispensing device. 2,385,400; Sept. 25.

Briggs Manufacturing Company: *See*—
Bonbright, H., and Gernandt, assignors.
Ehrling, Gunnar E., assignor.
Gernandt, Waldo G., assignor.
Frank, Clarence E., assignor.
Juul, Soren N., assignor.
Koppinger, Nicholas G., asignor.
Kuschel, C. H. and Brill, assignors.
Plats, Henry T., assignor.
Simon, Reuben, assignor.
Tuarda, J., and Knibbe, assignors.
Walden, Alfred E., assignor.
Wyatt, Raymond A., assignor.

Briggs, Maynard R., Catonsville, Md., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Vacuum tube oscillator. 2,367,924; Jan. 23.

Briggs, Robert E., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Conveyer. 2,380,384; July 31.

Briggs, Southwick W., assignor to Briggs Clarifier Company, Washington, D. C. Filter unit. 2,375,765; May 15.

Briggs, Southwick W., assignor to Briggs Clarefier Company, Washington, D. C. Adsorbent, making and using same. 2,387,714; Oct. 30.

Briggs, Southwick W., Washington, D. C., W. C. Bauer, Chevy Chase, and W. J. Ewbank, Kensington, Md.; said Bauer and said Ewbank assignors to Briggs Clarifier Company, Washington, D. C. Clarifying device. 2,374,976; May 1.

Briggs, Southwick W., Washington, D. C., and W. C. Bauer, Chevy Chase, Md.; said Bauer assigner to Briggs Clarifier Company, Washington, D. C. Clarifying apparatus. 2,390,494; Dec. 11.

Briggs & Stratton Corporation: *See*—
Armstrong, Werner E., assignor.
Fitz Gerald, John W., assignor.
Jacobi, Edward N., assignor.
Thompson, Glenn S., assignor.

Briggs, Thomas H. and W. H., assignors to Burman & Sons Limited, Birmingham, England. Vehicle steering mechanism. 2,388,038; Oct. 30.

Briggs, Walter H.: *See*—
Briggs, Thomas H. and W. H.

Bright, Claude H., Memphis, Tenn. Paper strip lighter. 2,375,116; May 15.

Bright, Elizabeth R., and S. Bright, Jr., Philadelphia, Pa. Doorstop. 2,376,117; May 15.

Bright, Oscar L., Indianapolis, Ind., assignor to United States Rubber Company, New York, N. Y. Cutting device. 2,387,876; Oct .30.

Bright, Stanley, Jr.: *See*—
Bright, E. R., and Bright.

Brighton, Cyril A.: *See*—
Staudinger, H. P., Tuerck, and Brighton.

Brightwell, Robert R.: *See*—
Stephano, C. S., and Brightwell.

Brilhart, Arnold, Great Neck, N. Y., assignor to Arnold Brilhart Ltd. Double reed. 2,374,579; Apr. 24.

Brilhart, Arnold, Great Neck, N. Y., assignor to Arnold Brilhart Ltd. Reed for musical instruments. 2,388,822; Nov. 13.

Brilhart, Arnold Ltd.: *See*—
Brilhart, Arnold, assignor.

Brill, Herbert C.: *See*—
Kuschel, C. H., and Brill.

Brill, Ruby L., and S. Lipton, New York, N. Y. Hat adjusting means. 2,377,320; June 5.

Brill, William E., Cleveland, Ohio, assignor to General Motors Corporation, Detroit, Mich. Engine crankcase construction. 2,371,797; Mar. 20.

Brill, William E., Cleveland, Ohio, assignor to General Motors Corporation, Detroit, Mich. Engine cylinder construction. 2,390,637; Dec. 11.

Brillo Manufacturing Company, Inc.: *See*—
Field, Crosby, assignor.

Brimble, George D., University City, assignor to Wagner Electric Corporation, St. Louis, Mo. Brake. 2,368,517; Jan. 30.

Brimhall, Kirk L., San Gabriel, Calif., assignor to Len O. Bird. Tractor hitch control. 2,386,192; Oct. 9.

Brinen, Howard F.: *See*—
Young, F. M., Shaw, and Brinen.

Briner, Emil A., East Orange, N. J., assignor to Aero Engineering Corporation. Variable pitch propeller 2,386,587; Oct. 9.

Briner, Frank, Chester, Pa., assignor to The Beardsley & Piper Company, Chicago, Ill. Portable hopper. 2,381,103; Aug. 7.

Brink, Edwin H., Drexel Hill, Pa., assignor to General Electric Company. Electric apparatus. 2,382,199; Aug. 14.

Brink, Edwin H., Drexel Hill, Pa., and N. F. Arone, Trenton, N. J., assignors to General Electric Company, New York, N. Y. Inorganic molding compositions and products produced therefrom. 2,366,485; Jan. 2.

Brink, Winfield S., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Pneumatic tire and rim assembly. 2,367,820; Jan. 23.

Brink, Winfield S., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Divided rim. 2,367,823; Jan. 23.

Brink, Winfield S., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Tire bead lock. 2,367,828; Jan. 23.

Brinkman, Herbert C.: *See*—
Liese, H. H., and Brinkman.

Brinkmann, Edgar, Houston, Tex. Apparatus and method for handling volatile liquids. 2,379,215; June 26.

Brinkmann, Guenther, assignor to Ex-Cell-O Corporation, Detroit, Mich. Thread grinding machine. 2,389,590; Nov. 27.

Brintnall, Archibald C., Denver, Colo. Wrench. 2,366,312; Jan. 2.

Brintnall, Harry W., San Francisco, Calif. Sheet control delivery mechanism for lithograph, varnishing machines and the like. 2,381,719; Aug. 7.

Brinton, Howard G., Pittsfield, Mass., assignor to General Electric Company. Amplifier circuits. 2,390,773; Dec. 11.

Briod, André E.: *See*—
Buxton, L. O., and Briod.

Briskin, Jack, et al.: *See*—
Sperry, Philmore F., assignor.
Sperry, P. F., and Briskin, P. F. and J.

Briskin, Jack, and W. Prosk, assignors to Excel Auto Radiator Company, Chicago, Ill. Fan arrangement for heat exchange devices. 2,368,518; Jan. 30.

Briskin, Philip F: *See*—
Sperry, P. F. and Briskin, P. F. and J.

Briskin, Philip F., et al.: *See*—
Sperry, Philmore F., assignor.

Briskin, Theodore H., et al.: *See*—
Sperry, Philmore F., assignor.
Sperry, P. F., and Briskin, P. F. and J.

Briskin, Theodore S., and J. Golick, assignors to Revere Camera Company, Chicago, Ill. Motion picture cameras. 2,377,750; June 5.

Briskman, Samuel: *See*—
Weidauer, C., and Doehm, assignors.

Bristo, Abb B., Kansas City, Mo. Knife. 2,376,226; May 15.

Bristol Aeroplane Company Limited, The: *See*—
Bolas, John T., assignor.
Fedden, A. H. R., Owner, Thomas, and Mansell, assignors.
Thomas, F. M., and Price, assignors.

Bristol Company, The: *See*—
Anderson, Martin E., assignor.
Beecher, John W., assignor.
Borden, Perry A., assignor.
Hart, Eugene H., assignor.
Heiming, Fred W., assignor.
Hicks, James R., assignor.
MacLaren, Fred B., Jr., assignor.
Pattee, John R., assignor.
Wetherbee, Charles F., assignor.

Bristol, Edward S., assignor to Leeds and Northrup Company, Philadelphia, Pa. Electrical control system. 2,371,732; Mar. 20.

Bristol, John E.: *See*—
Hansley, V. L., and Bristol.

Bristol, Robert A.: *See*—
Valsey, Samuel B., assignor.

Bristow, Paul W.: *See*—
Lawson, R. H., and Bristow.

Britcher, Charles W., Glen Ridge, N. J., assignor to Craig Corporation. New York, N. Y. Dry spray equipment. 2,375,766; May 15.

Briticliffe John G., Lakewood, R. I., assignor to Screw Machine Products Company, Inc. Clamping device. 2,377,479; June 5.

British Celanese Limited: *See*—
Argyle, Christopher S., assignor.
Cantrell, H., Jackson, and Howarth, assignors.
Drewitt, James G. N., assignor.
Dreyfus, H., and (Drewitt, assignor).
Finlayson, D., and Crawshaw, assignors.
Moncrieff, R. W., and Bates, assignors.
Moss, William H., assignor.
Rooney, J. H., Locke, and Hawtin, assignors.
Stanley, E., Argyle, and Olpin, assignors.
Stimson, Edward E., assignor.
Taylor, William J., assignor.
Wesson, Alexander J., assignor.

British Insulated Cables Limited: *See*—
Jones, Alan E., assignor.
Quayle, Joshua C., assignor.
Quayle, J. C., and Handley, assignors.
Walton, G. H., Quayle, and Jones, assignors.

British Oxygen Company Limited, The: *See*—
Edmondson, W., and Jones, assignors.

British Power Boat Company, Limited, The: *See*—
Parfitt, Frank P., assignor.

British Power Boat Company Limited, The, et al.: *See*—
Barker, S. N., Selman, Bull, Marten-Gwilliam, Wark, and Thomson, assignors.

British Ropes Limited: *See*—
Hitchen, Herbert, assignor.

British Rubber Producers' Research Association, The: *See*—
Farmer, Ernest H., assignor.
Gee, G., and Stokes, assignors.
Hilton, Frederick, assignor.
Popham, Frederick J. W., assignor.
Roberts, Kenneth C., assignor.

British Timken Limited: *See*—
Emmerton, John T., assignor.

Britt, Max, Winfield, assignor to Industrial Patents Corporation, Chicago, Ill. Processing bacon. 2,388,823; Nov. 13.

Brittain, Eric H.: *See*—
Staudinger, H. P., Tuerck, and Brittain.

Brittain, Eric H., Epsom Downs, W. P. Joshua and J. M. Whitmarsh, Epsom, England, assignors to The Distillers Company Limited, Edinburgh, Scotland. Recovery of glycerol. 2,377,306; June 5.

Britten, Edwin F., Jr., Short Hills, assignor to Monroe Calculating Machine Company, Orange, N. J. Calculating machine. 2,379,847; July 10.

Brittingham, James C., St. Louis, Mo. Baffle mounting for air circulator units. 2,385,773; Oct. 2.

Britton, Edgar C., assignor to The Dow Chemical Company, Midland, Mich. Vinylidene chloride compositions. 2,384,886; Sept. 18.

Britton, Edgar C., and J. N. Hansen, assignors to The Dow Chemical Company, Midland, Mich. Sulphonium salts. 2,366,176; Jan. 2.

Britton, Edgar C., G. H. Coleman, and W. D. Schroeder, assignors to The Dow Chemical Company, Midland, Mich. Insecticidal compositions. 2,368,195; Jan. 30.

Britton, Edgar C., and W. J. Le Fevre, assignors to The Dow Chemical Company, Midland, Mich. Modified polymerization of vinyl aromatic compounds. 2,371,499; Mar. 13.

Britton, Edgar C., and H. R. Slagh, assignors to The Dow Chemical Company, Midland, Mich. Polyfunctional ethers and making same. 2,371,500; Mar. 13.

Britton, Edgar C., and E. Monroe, assignors to The Dow Chemical Company, Midland, Mich. Production of malonic acid. 2,373,011; Apr. 3.

Britton, Edgar C., C. L. Moyle and F. Bryner, assignors to The Dow Chemical Company, Midland, Mich. Making fluorenones. 2,377,751; June 5.

Britton, Edgar C., and H. W. Moll, assignors to The Dow Chemical Company, Midland, Mich. Vinylidene chloride compositions. 2,384,880; Sept. 18.

Britton, Edgar C., and H. W. Moll, assignors to The Dow Chemical Company, Midland, Mich. Vinylidene chloride compositions. 2,384,881; Sept. 18.

Britton, Edgar C., and H. W. Moll, assignors to The Dow Chemical Company, Midland, Mich. Vinylidene chloride compositions. 2,384,882; Sept. 18.

Britton, Edgar C., and H. W. Moll, assignors to The Dow Chemical Company, Midland, Mich. Vinylidene chloride compositions. 2,384,883; Sept. 18.

Britton, Edgar C., and H. W. Moll, assignors to The Dow Chemical Company, Midland, Mich. Vinylidene chloride compositions. 2,384,884; Sept. 18.

Britton, Edgar C., and H. W. Moll, assignors to The Dow Chemical Company, Midland, Mich. Vinylidene chloride compositions. 2,384,885; Sept. 18.

Britton, Edgar C., and H. W. Moll, assignors to The Dow Chemical Company, Midland, Mich. Vinylidene chloride compositions. 2,385,256; Sept. 18.

Britton, Edgar C., and K. G. Harding, assignors to The Dow Chemical Company, Midland, Mich. Preparation of 2-amino-thiazole. 2,387,212; Oct. 16.

Britton, Edgar C., H. S. Nutting, and M. E. Huscher, assignors to The Dow Chemical Company, Midland, Mich. Preparation of alkenyl cyanides. 2,389,607; Nov. 27.

Britton, Glynn A., Washington, D. C. Knockdown container. 2,382,874; Aug. 14.

Britton, Joseph W., and R. C. Dosser, assignors to The Dow Chemical Company, Midland, Mich. Polymerization method. 2,377,752; June 5.

Britton, Joseph W., and R. C. Dosser, assignors to The Dow Chemical Company, Midland, Mich. Manufacture of 2,4-dinitro-6-cyclo-hexyl-phenol. 2,384,365; Sept. 4.

Brixner, Frederick W.: *See*—
Hailes, W. D., and Brixner.

Broadwell, William C., Warren, Mass. Nonmetallic loose leaf binder and the like. 2,374,803; May 1.

Broberg, Fred E., Racine, Wis. Sharpening device. 2,387,877; Oct. 30.

Broberg, Walter O. W.: *See*—
Vigren, S. D. Broberg, and Olsson.

Brocco, John L., and M. V. Iarussi, Bedford, Ohio. Woodworking machine tool. 2,382,971; Aug. 21.

Brock, John B., Charleston, S. C. Vending machine. 2,369,882; Feb. 20.

Brock, William H. J., assignor of one-half to Automotive Products Company Limited, Leamington Spa, England. Locating and securing device. 2,374,270; Apr. 24.

Brockett, Glenn F., assignor to Fisher Governor Company, Marshaltown, Iowa. Float actuated mechanism. 2,376,473; May 22.

Brockman, Joseph W., Sr., Leavenworth, Kans. Combination comb and cleaner. 2,369,712; Feb. 20.

Brockman, Morton S., Cleveland, Ohio. Automatic panoramic device for cameras. 2,372,932; Apr. 3.

Broderick & Bascom Rope Company: *See*—
Larkin, David, assignor.

Broderson, Max M., Alhambra, Calif., assignor to The Slusser McLean Scraper Company, Sidney, Ohio. Hauling scraper. 2,368,196; Jan. 30.

Brodie, John L. P.: *See*—
Halford, F. B., Brodie, and Miller.

Brodie, Ralph N., Company: *See*—
Berck, William E., assignor.

Broding, Robert A., Dallas, Tex., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Method and apparatus for recording seismic waves. 2,372,056; Mar. 20.

Brodsky, Charles, Brooklyn, N. Y. Poultry watering drip fountain. 2,366,766; Jan. 9.

Brody, Benjamin, Chicago, Ill. Upholstered furniture and constructing same. 2,370,711; Mar. 6.

Brody, Samuel C.: *See*—
Whitmore, Henry G., assignor.

Brodzik, Walter F., and V. Muranyi, Buffalo, N. Y.; said Muranyi assignor to said Brodzik. Putting green. 2,384,723; Sept. 11.

Broekhuysen, William C.: *See*—
Clausen, S., and Broekhuysen.

Broetzmann, Clarence F.: *See*—
Stearns, R. H., and Broetzmann.

Brogan, Theresa: *See*—
Slain, John M., assignor.

Brogdex Company: *See*—
Cothran, Charles De W., assignor.
Harlow, Orman M., assignor.

Brogren, Axel V.: *See*—
Parsons, J. T., and Brogren.

Brokaw, Charles A., Houston, Tex. Cementing wells. 2,387,493; Oct. 23.

Brokaw, Norman E., Sr.: *See*—
Rohl, Robert R., assignor.

Brolinson, Bengt G., New York, N. Y. Electrolytic protection of metal surfaces. 2,370,288; Feb. 27.

Bromberg, Alfred W., Gary, Ind. Sealing stainless steel. 2,389,838; Nov. 27.

Bromley, Mellor, & Co., Limited: *See*—
Bromley, T. C., and Shortland, assignors.

Bromley, Thomas C., and A. Shortland, Leicester, England, assignors to Mellor Bromley & Co. Limited. Controlling yarns in knitting machines. 2,366,281; Jan. 2.

Bromley, Thomas C. and A. Shortland, Leicester, England, assignors to Mellor Bromley & Co. Limited. Circular knitting machine. 2,381,641; Aug. 7.

Bromley, Thomas C., and A. Shortland, assignors to Mellor Bromley and Co. Limited, Leicester, England. Straight bar knitting machine. 2,384,154; Sept. 4.

Bromley, Thomas C., and A. Shortland, assignors to Mellor Bromley & Co. Limited, Leicester, England. Circular knitting machine. 2,385,056; Sept. 18.

Bronander, Wilhelm B., Montclair, N. J. Cooling fin. 2,371,144; Mar. 13.

Bronander, Wilhelm B., Montclair, N. J. Wrapping machine. 2,373,655; Apr. 17.

Bronander, Wilhelm B., Montclair, N. J. Wrapping machine. 2,374,172; Apr. 24.
Bronander, Wilhelm B., Montclair, N. J. Stud driving and testing mechanism. 2,379,878; July 10.
Bronander, Wilhelm B., Montclair, N. J. Forming and applying cooling fins to tubular members. 2,379,879; July 10.
Bronander, Wilhelm B., Montclair, N. J. Heat deflecting means for internal-combustion engines. 2,387,052; Oct. 16.
Brongersma, Cornelius, Muskegon Heights, assignor to Manning, Maxwell & Moore, Inc., Muskegon, Mich. Motor control. 2,388,382; Nov. 6.
Bronson, Deming, Cleveland, Ohio, assignor to General Paint Corporation, San Francisco, Calif. Pipe wrapping and method and apparatus for applying same. 2,377,608; June 5.
Bronson, George A., assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Bomb displacing gear. 2,386,839; Oct. 16.
Bronson Reel Company: *See*—
McMahon, Richard P., assignor.
Brooke Engineering Company, Inc.: *See*—
Brooke, G. A., Jr., and Chambers, assignors.
Brooke, Ernest A., Stockport, England. Safety razor 2,372,635; Mar. 27.
Brooke, George A., Jr., Philadelphia, and C. C. Chambers, Lansdowne, assignors to Brooke Engineering Company, Inc., Philadelphia, Pa. Control system. 2,371,590; Mar. 31.
Brooke, Lloyd A., Washington, D. C. Fountain pen. 2,379,421; July 3.
Brooker, Leslie G. S., and G. H. Keyes, assignors to Eastman Kodak Company, Rochester, N. Y. Thioketones. 2,369,646; Feb. 20.
Brooker, Leslie G. S., and G. H. Keyes, assignors to Eastman Kodak Company, Rochester, N. Y. Preparing thioketones. 2,369,647; Feb. 20.
Brooker, Leslie G. S., and G. H. Keyes, assignors to Eastman Kodak Company, Rochester, N. Y. Thioketones and preparing them. 2,369,657; Feb. 20.
Brookhirst Switchgear Limited: *See*—
Knowles, J. O., Humphreys, and Davies, assignors.
Brooking, Edgar C., Toccoa, Ga., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Carriage control for latches. 2,368,408; Jan. 30.
Brooks, E. J., Company: *See*—
Mitchko, Michael, assignor.
Brooks Equipment and Mfg. Co.: *See*—
Hay, John J., assignor.
Brooks, Herbert W., West Haven, assignor to Sargent & Company, New Haven, Conn. Door check and closer. 2,373,075; Apr. 3.
Brooks, Herbert W., West Haven, assignor to Sargent & Company, New Haven, Conn. Cylinder lock. 2,378,976; June 26.
Brooks, Oakley, Columbus, Ohio. Lawn mower sharpener. 2,378,179; June 12.
Brooks, Percy E., Woodridge, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Tool. 2,386,290; Oct. 9.
Brooks, Percy E., Woodridge, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Die. 2,388,115; Oct. 30.
Brooks, Phillips, Brooklyn, N. Y. Dental instrument. 2,366,767; Jan. 9.
Brooks, Richard E., Wilmington, M. D. Peterson, Edgemoor Terrace, and A. G. Weber, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymerizing olefinic materials. 2,388,225; Oct. 30.
Brooks, Robert E., Maywood, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Making piezoelectric crystals. 2,366,954; Jan. 9.
Brooks, Robert E., Maywood Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Piezoelectric crystal. 2,388,596; Nov. 6.
Brooks, Walter: *See*—
Seymour, G. W., and Brooks.
Brooksby, Ernest and F. E. Deans, assignors to The Bentley Engineering Company Limited, Leicester, England. Knitting machine. 2,380,822; July 31.
Bronksleker, Herman H., Cleveland Heights, and P. I. Thyreen, Euclid, assignors to The Marquette Metal Products Company, Cleveland, Ohio. Textile mill spindle. 2,388,900; Nov. 13.
Broome, John C., Dunedin, Fla., assignor to Food Machinery Corporation, San Jose, Calif. Hand truck. 2,367,752; Jan. 23.
Broome, John C., Dunedin, and H. D. Carlton, Highlands City, Fla., assignors to Food Machinery Corporation, San Jose, Calif. Fruit bagger and weigher. 2,373,649; Apr. 17.
Broome, John C., Dunedin, Fla., assignor to Food Machinery Corporation, San Jose, Calif. Bag holder. 2,383,366; Aug. 21.
Brons, Henricus A., Eindhoven, Netherlands, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Low frequency amplifier. 2,373,534; Apr. 10.
Brose, Horace B., Chicago, Ill. Automatic slide projector. 2,370,004; Feb. 20.
Brosites Machine Company, Inc.: *See*—
Hutchings, Joseph L., assignor.
Brostrom, Charles G., Salem, and W. E. Naugler, Beverly, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J. Rounding machine. 2,384,530; Sept. 11.
Brostrom, Ernest O., assignor to E. S. Guignon, Jr., Kansas City, Mo. Interlocking building unit. 2,377,398; June 5.
Brother, George H., Berkeley, Calif., and Allan K. Smith, Peoria, Ill. Aqueous dispersions of hardened or tanned protein salts. 2,380,020; July 10.
Brothers, Norman W., Providence, R. I. Tourniquet. 2,387,428; Oct. 23.
Brotman, Hyman D., Detroit, Mich. Variable-speed laundry machine. 2,369,334; Feb. 13.
Brotz, Roman C., Sheboygan, Wis. Apparatus for preparing or conditioning molding materials just prior to their molding. 2,376,655; May 22.
Broudy, Albert M., Pittsburgh, Pa., assignor of one-half to R. Horne, Detroit, Mich. Handbag. 2,369,943; Feb. 20.
Broudy, Albert M., Pittsburgh, Pa. Envelope. 2,391,673; Dec. 25.
Brougham, Frank O.: *See*—
Stone, R. K., and Brougham.
Brougher, John R., Calvert, Tex. Attachment for paper-cutting machines. 2,382,129; Aug. 14.
Brouillard, Robert E.: *See*—
Lacey, H. T., and Brouillard.
Browall, Bert H., assignor to Svenska Aktiebolaget Bromsregulator, Malmo, Sweden. Fluid pressure brake. 2,371,798; Mar. 20.
Browder, Jay E., Garden City, N. Y., and F. L. Moseley, Osborn, Ohio, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Radio direction finder. 2,369,132; Feb. 13.
Brown, Alfred G., Los Angeles, assignor of one-half to L. T. Sepin, Los Angeles County, Calif. Rotary motor. 2,386,539; Oct. 9.
Brown, Andrew L., Brooklyn, N. Y., assignor to Radio Corporation of America. Error detector for telegraph printers. 2,366,434; Jan. 2.
Brown, Andrew L., Brooklyn, N. Y., assignor to Radio Corporation of America. Supervisory signal system. 2,370,445; Feb. 27.
Brown, Anthony J., and J. B. Silva, Turlock, Calif. Scraper. 2,380,021; July 10.
Brown, Arthur J., Chicago, assignor to Whiting Corporation, Harvey, Ill. Hoisting mechanism. 2,378,749; June 19.
Brown, Arthur S., U. S. Army, Aberdeen Proving Gorund, Md. Releasing device. 2,376,336; May 22.
Brown, Arthur S., assignor of one-third to L. Shiatte and one-third to G. E. Sedgley, Tilton, N. H. Endless transmission belt. 2,377,609; June 5.
Brown, Arthur S., and G. E. Sedgley, Tilton, N. H. Making transmission belts. 2,391,674; Dec. 25.
Brown & Bailey Company: *See*—
Scherer, John H., assignor.
Brown, Ben M.: *See*—
McCormick, G., and Brown.
Brown & Bigelow: *See*—
Brown, Steffen A., assignor.
Trollen, Martin E., assignor.
Brown-Brockmeyer Company, The: *See*—
Brown, Steffen S., assignor.
Brown, Carl A., Chardon, and C. E. Hahn, Euclid, Ohio, assignors to General Electric Company. Base for electric lamps and the like. 2,379,063; June 26.
Brown, Carl D., assignor to Draper Corporation, Hopedale, Mass. Loom stopping means. 2,378,895; June 26.
Brown, Carl D., assignor to Draper Corporation, Hopedale, Mass. Loom shuttle. 2,381,333; Aug. 7.
Brown, Carl D., assignor to Draper Corporation, Hopedale, Mass. Stopping means for looms. 2,383,931; Sept. 4.
Brown, Carl D., assignor to Draper Corporation, Hopedale, Mass. Shuttle. 2,385,756; Sept. 25.
Brown, Cecil F., Kansas City, Mo. Holder for toothbrush and dentifrice. 2,370,005; Feb. 20.
Brown, Cedric J., West Kilbride, Scotland, assignor to Imperial Chemical Industries Limited. Artificial resinous condensation products and their manufacture. 2,374,646; May 1.
Brown, Charles F., Greeneville, Tenn. Machine for grinding knife blades. 2,377,126; May 29.
Brown, Charles F., Sharon, assignor to New England Carbide Tool Company, Cambridge, Mass. Gauge mounting. 2,376,118; May 15.
Brown, Charles F., Grosse Pointe Park, Mich., assignor to United States Rubber Company, New York, N. Y. Rubberlike compositions. 2,381,720; Aug. 7.
Brown, Charles F., Nutley, and G. E. Hulse, Jr., Passaic, N. J., assignors to United States Rubber Company, New York, N. Y. Adhesive compositions. 2,371,870; Mar. 20.
Brown, Charles H., Breckenridge, Tex. Aerial bomb. 2,376,227; May 15.
Brown, Charles S., Kirkville, N. Y. Threadless conduit coupling. 2,369,942; Feb. 20.
Brown, Chester W., assignor to Line Material Company, Milwaukee, Wis. Fuse link. 2,382,602; Aug. 14.
Brown, Clyde A., assignor to The Dole Valve Company, Chicago, Ill. Flow control valve. 2,389,134; Nov. 20.

Brown, Clyde E., Grafton, assignor to Parker Manufacturing Company, Worcester, Mass. Pinking shears. 2,387,053; Oct. 16.
Brown, David H., North Hollywood, Calif., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Hydraulic compensation system. 2,380,575; July 31.
Brown, Davis, Los Angeles, Calif., assignor to H. S. Simpson, Evanston, Ill. Mixer with pressure controlled mullers. 2,377,307; June 5.
Brown, Edward H., assignor to McInerney Spring & Wire Company, Grand Rapids, Mich. Tape processing machine. 2,371,799; Mar. 20.
Brown, Edward H., assignor to McInerney Spring & Wire Company, Grand Rapids, Mich. Line measuring and cutting machine. 2,386,928; Oct. 16.
Brown, Elgie A.: *See*—
Brown, Ruben A., assignor.
Brown, Elizabeth E., Oklahoma City, Okla. Manufacturing personal ornaments. 2,377,308; June 5.
Brown, Fred: *See*—
Tone, F. J., Mahlman, and Brown.
Brown, Frederick L., assignor to The American Pad & Textile Company, Greenfield, Ohio. Life preserver. 2,374,580; Apr. 24.
Brown, George, Chicago, Ill. Fastener. 2,387,641; Oct. 23.
Brown, George B., Manville, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Treating sheet materials. 2,375,276; May 8.
Brown, George D., West Los Angeles, Calif. Combination protective shield and accessories accommodation bib. 2,378,380; June 19.
Brown, George H., Princeton, N. J., assignor to Radio Corporation of America. Antenna system. 2,374,271; Apr. 24.
Brown, George H., Princeton, N. J., assignor to Radio Corporation of America. Method of and apparatus for heat treating dielectric materials. 2,388,824; Nov. 13.
Brown, George R., Newark, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Method of and apparatus for making articles. 2,380,722; July 31.
Brown, Gilbert G., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Indexing device for home recorders. 2,378,510; June 19.
Brown, Gregory, assignor to Bridgeport Brass Company, Bridgeport, Conn. Vacuum breaker. Re. 22,645; May 29.
Brown, Henry, Kansas City, Mo., assignor to The Udylite Corporation, Detroit, Mich. Electrodeposition of metals. 2,389,135; Nov. 20.
Brown, Henry, Kansas City, Mo., assignor to The Udylite Corporation, Detroit, Mich. Electrodeposition of metals. 2,389,179; Nov. 20.
Brown, Henry, Kansas City, Mo., assignor to The Udylite Corporation, Detroit, Mich. Electrodeposition of metals. 2,389,180; Nov. 20.
Brown, Henry, Kansas City, Mo., assignor to The Udylite Corporation, Detroit, Mich. Electrodeposition of metals. 2,389,181; Nov. 20.
Brown, Henry C., Jr., Beaver Falls., and B. R. Abbott, Norristown, assignors to Armstrong Cork Company, Lancaster, Pa. Manufacture of insulating products. 2,367,093; Jan. 9.
Brown, Henry T., Whiting, Ind., assignor to Standard Oil Company, Chicago, Ill. Transferring molybdenum from spent catalyst to fresh solid catalytic material. 2,367,263; Jan. 16.
Brown, Henson H., Andover, Mass. Bandage making machine. 2,380,823; July 31.
Brown, Herbert H.: *See*—
Abe, P. A., Brown, and Crosby.
Brown, Howard D., Westfield, and A. E. Freeman, South Orange, N. J., assignors to American Telephone and Telegraph Company. Plow point. 2,375,073; May 1.
Brown, Hugh E., Cleveland Heights, and S. M. Grant, Bay Village, Ohio, assignors to The W. S. Tyler Company. Electrically vibrated feeder. 2,385,328; Sept. 25.
Brown Instrument Company, The: *See*—
Allwein, Aloysius F., assignor.
Asset, G., Curran, and Wills, assignors.
Barnes, George W., Jr., assignor.
Burdick, Edwin C., assignor.
Cockley, Neel L., assignor.
Eckman, Donald P., assignor.
Frownfelter, Edgar L., assignor.
Gess, Louis, assignor.
Gess, L., and Burdick, assignors.
Harrison, Thomas R., assignor.
Hessey, Frederic E., assignor.
Jones, Harry S., assignor.
Krogh, A. E., and Vollrath, assignors.
Lebde, Henry, assignor.
McGillin, H. O., and Vollrath, assignors.
Moore, Coleman B., assignor.
Pearce, Walter H., assignor.
Shaffer, William L., assignor.
Sholl, Harold A., Jr., assignor.
Side, Frederick W., assignor.
Vollrath, Joseph P., assignor.
Wills, Walter P., assignor.
Brown, Jack E., Brooklyn, N. Y. Spectacle and eyeglass case. 2,367,182; Jan. 16.
Brown, James H., Seattle, Wash. Forming complementary concrete dies. 2,366,435; Jan. 2.
Brown, Jesse B., assignor to Bendix Aviation Corporation, South Bend, Ind. Control mechanism. 2,372,311; Mar. 27.
Brown, John C., Montclair, assignor to Eastern Tool & Mfg. Co., Bloomfield, N. J. Paper fastener. 2,371,800; Mar. 20.
Brown, John H., Houston, Tex., assignor of one-fourth to C. J. Angell, Monroe, La. Building structure. 2,390,418; Dec. 4.
Brown, John J., Newton Falls, assignor to Denman Tire and Rubber Company, Warren, Ohio. Box picker and the manufacture of the same. 2,389,952; Nov. 27.
Brown, John T. L., Short Hills, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Relay operation. 2,368,197; Jan. 30.
Brown, Kenneth L., Long Beach, Calif. Trash and garbage receptacle. 2,386,929; Oct. 16.
Brown, Kenneth M., assignor to Universal Oil Products Company, Chicago, Ill. Removing copper compounds from copper-sweetened hydrocarbon oil. 2,390,868; Dec. 11.
Brown, Kenneth R., Kennett Square, Pa., assignor to Atlas Powder Company, Wilmington, Del. Absorption bases. 2,372,807; Apr. 3.
Brown, Kenneth R., Kennett Square, Pa., assignor to Atlas Powder Company, Wilmington, Del. Compositions for parasiticidal use. 2,374,918; May 1.
Brown, Leo C., assignor to Industrial Patents Corporation, Chicago, Ill. Stabilization of fatty material. 2,377,610; June 5.
Brown, Leo H., Glenville, Conn. Muzzle mounted bore sight. 2,383,466; Aug. 28.
Brown, Leo H., Glenville, Conn. Fire control means. 2,385,343; Sept. 25.
Brown, Leo H., Glenville, Conn. Dual power optical system. 2,388,673; Nov. 13.
Brown, Leo H., New York, N. Y. Stereoscope. 2,391,675; Dec. 25.
Brown, Leonard C.: *See*—
Brown, W. T., W. L., and L. C.
Brown, Le Roy O.: *See*—
Packer, C. S., and Brown.
Brown, Le Roy O., assignor to Justrite Manufacturing Company, Chicago, Ill. Color illuminator for flashlights. 2,389,591; Nov. 27.
Brown, Levi S., Claverack, assignor to Lone Star Cement Corporation, New York, N. Y. Slow setting cement. 2,374,581; Apr. 24.
Brown, Lloyd W.: *See*—
Loewer, H. F., and Brown.
Brown, Louis B., Duquesne, Pa. Toolholder. 2,373,535; Apr. 10.
Brown, Marion G., Tacoma, Wash. Hand truck and brake therefor. 2,381,642; Aug. 7.
Brown, Morris, La Grange, and R. E. Harr, Chicago, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Enamel coated article. 2,377,321; June 5.
Brown, Morris C., Brentwood, assignor to Carter Carburetor Corporation, St. Louis, Mo. Nonicing carburetor. 2,376,228; May 15.
Brown, Morris E.: *See*—
Gibbs, T. B., and Brown.
Brown, Myron J., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Power line synchronizing and control system. 2,367,925; Jan. 23.
Brown, Myron J., Forest Hills, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Impulse metering system. 2,384,792; Sept. 18.
Brown, Ogden & Company, Limited: *See*—
Brown, Thomas A., assignor.
Brown, Percy M., Tenafly, N. J. Spraying device. 2,383,235; Aug. 21.
Brown, Percy M., East Orange, assignor, by mesne assignments, to Designs, Incorporated, Hoboken, N. J. Frame for eyeglasses. 2,389,023; Nov. 13.
Brown, Ralph W., East St. Louis, Ill., assignor to Aluminum Company of America, Pittsburgh, Pa. Extraction of alumina from ores. 2,375,342; May 8.
Brown, Ralph Waldo, East St. Louis, Ill., assignor to Aluminum Company of America, Pittsburgh, Pa. Recovery of alumina. 2,375,343; May 8.
Brown, Robert, New York, N. Y. Polishing composition. 2,376,956. May 29.
Brown, Robert F.: *See*—
Potter, R. S., and Brown.
Brown, Robert F., assignor to Defender Photo Supply Co., Inc., Rochester, N. Y. Photographic structure. 2,373,289; Apr. 10.
Brown, Robert J., Lyons, Ill. Milling machine attachment. 2,373,944; Apr. 17.
Brown, Robert J., Los Angeles, Calif. Ball self-locking releasable coupling. 2,375,072; May 1.
Brown, Robert M., Kansas City, Kans., assignor to E. S. Guignon, Jr., Kansas City, Mo. Combination lock strip and structural member. 2,373,808; Apr. 17.

Brown, Rodney G., Freehold, and R. R. Roberts, Parlin, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Dispersing pigments. 2,379,678; July 3.

Brown, Roy W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Vehicle suspension. 2,367,817; Jan. 23.

Brown, Roy W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Mold construction. 2,367,822; Jan. 23.

Brown, Roy W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Cable guide bushing. 2,367,836; Jan. 23.

Brown, Roy W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Friction retarding mechanism for vehicle suspension. 2,381,378; Aug. 7.

Brown, Roy W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Airplane propeller deicer shoe. 2,381,381; Aug. 7.

Brown, Roy W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Aviation control guide. 2,381,391; Aug. 7.

Brown, Roy W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Brake. 2,381,393; Aug. 7.

Brown, Roy W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Vulcanizing mold. 2,381,395; Aug. 7.

Brown, Roy W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Torque tube support. 2,381,399; Aug. 7.

Brown, Ruben A., assignor to E. A. Brown, Massena, N. Y. Material handling cradle. 2,375,747; May 15.

Brown and Sharpe Manufacturing Company: *See*—
Bennett, A. F., Krause, and Jacobson, assignors.
Gigger, Walter A., assignor.
Rich, Charles A., assignor.

Brown, Steffen A., assignor to The Brown-Brockmeyer Co., Dayton, Ohio. Curved eye shield for grinders. 2,368,109; Jan. 30.

Brown, Steffen S., assignor to The Brown-Brockmeyer Company, Dayton, Ohio. Motor construction. 2,386,930; Oct. 16.

Brown, Terrill O., assignor of ninety-five percent to Aircraft Mechanics, Inc., Colorado Springs, Colorado. Pitch control for helicopter blades. 2,378,381; June 19.

Brown, Theophilus, assignor to Deere & Company, Moline, Ill. Tractor. 2,378,615; June 19.

Brown, Theophilus, and T. W. Paul, assignors to Deere & Company, Moline, Ill. Power lift for farm tractors 2,377,127; May 29.

Brown, Thomas A., assignor to Brown, Ogden & Company Limited, Bradford, England. Production of pile fabrics. 2,388,465; Nov. 6.

Brown, Thomas E., Shreveport, La. Heating unit. 2,389,839; Nov. 27.

Brown, Thomas E., and C. W. Davis, Antioch, Calif., assignors to The Dow Chemical Company, Midland, Mich. Perchlorination process. 2,377,669; June 5.

Brown, Walter J.: *See*—
Arndt, J. P., Jr., Brown, and Williams.

Brown, Walter J., and A. L. W. Williams, Cleveland Heights, assignors to The Brush Development Company, Cleveland, Ohio. Connection means. 2,368,198; Jan. 30.

Brown, Walter O., Detroit, Mich. Dispensing device. 2,383,367; Aug. 21.

Brown, Walter T., W. L., and L. C., assignors of one-fourth to J. M. Deason, Lumpkin, Ga. Peanut plant harvester. 2,390,419; Dec. 4.

Brown, Walton S.: *See*—
Ward, H. K., Skillings, and Brown.

Brown, William: *See*—
Campbell, J. S., Brown, and Douglas.

Brown, William, Wilkes-Barre, assignor to Shock Proof Lens Guard, Inc., Kingston, Pa. Adjustable and removable mounting guard for rimless eyeglasses. 2,369,527; Feb. 13.

Brown, William D., Pittsburgh, Pa., assignor to Carnegie-Illinois Steel Corporation. Apparatus for determining hydrogen in steel. 2,387,378; Oct. 30.

Brown, William E., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Generator regulating system. 2,375,193; May 8.

Brown, William F., Flushing, N. Y., assignor of thirty per cent to P. S. McLean, Bloomfield, N. J., and ten per cent to F. L. Davis, College Point, Long Island, N. Y. Fluid pressure machine. 2,370,934; Mar. 6.

Brown, William F., Flushing, N. Y. Apparatus for formation and packing of containers. 2,378,180; June 12.

Brown, William L.: *See*—
Brown, W. T., W. L., and L. C.

Brown, William T., Hamden, assignor to W. Davis, New Haven, Conn. Round work holding fixture. 2,373,379; Apr. 10.

Brownback, Henry L., Norristown, Pa. Speedboat and hull. 2,366,590; Jan. 2.

Browne, Donald B., Harpenden, and R. H. G. Painter, Dunstable, England, assignors to General Motors Corporation, Detroit, Mich. Cover for the dials of instruments and the like. 2,379,861; July 10.

Browne, Francis C., assignor to Industrial Rayon Corporation, Cleveland, Ohio. Manufacture of tubular products. 2,386,653; Oct. 9.

Browne, Harold H., Arlington, Va.; dedicated to the free use of the People in the territory of the United States. Leavening process. 2,367,994; Jan. 23.

Browne, John W., Waukesha, assignor to Diving Equipment and Salvage Co., Inc., Milwaukee, Wis. Diving suit. 2,388,674; Nov. 13.

Browne, Kenneth A.: *See*—
Cannon, W. D., and Browne.

Browne, Kenneth A., Ridgewood, N. J., assignor to Wright Aeronautical Corporation. Centrifugal compressor diffuser vanes. 2,372,880; Apr. 3.

Browne, Kenneth A., Ridgewood, N. J., assignor to Wright Aeronautical Corporation. Equalizing valve. 2,386,291; Oct. 9.

Browne, Rowland J., Hoddesdon, assignor to African Sisal & Produce Company Limited, London, England. Dehydrating organic solvents, petrols, oils, and the like. 2,378,281; June 12.

Browning, George L., Jr., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Polymerization of butadiene-1,3. 2,366,313; Jan. 2.

Browning, George L., Jr., assignor, by mesne assignments, to The B. F. Goodrich Company, Akron, Ohio. Polymerization of conjugated dienes. 2,376,337; May 22.

Browning, George L., Jr., assignor, by mesne assignments, to The B. F. Goodrich Company, Akron, Ohio. Polymerization of butadiene-1, 3 hydrocarbons. 2,376,338; May 22.

Browning, George L., Jr., assignor, by mesne assignments, to The B. F. Goodrich Company, Akron, Ohio. Polymerization of butadiene-1,3 hydrocarbons. 2,380,400; July 31.

Browning, George L., Jr., assignor, by mesne assignments, to The B. F. Goodrich Company, Akron, Ohio. Polymerization of butadiene hydrocarbons. 2,380,401; July 31.

Browning, George L., Jr., assignor, by mesne assignments, to The B. F. Goodrich Company, Akron, Ohio. Polymerization of butadiene-1,3 hydrocarbons. 2,380,402; July 31.

Browning, George L., Jr., and B. M. G. Zwicker, assignors, by mesne assignments, to The B. F. Goodrich Company, Akron, Ohio. Polymerizations of butadiene-1,3 hydrocarbons. 2,376,339; May 22.

Browning, George L., Jr., assignor, by mesne assignments, to The B. F. Goodrich Company, Akron, Ohio. Polymerization of conjugated diene hydrocarbons. 2,385,190; Sept. 18.

Browning, George L., Jr., W. D. Stewart, and B. M. G. Zwicker, assignors, by mesne assignments, to The B. F. Goodrich Company, Akron, Ohio. Polymerization of conjugated diene hydrocarbons. 2,380,403; July 31.

Browning, George L., Jr., W. D. Stewart, and B. M. G. Zwicker, assignors, by mesne assignments, to The B. F. Goodrich Company, Akron, Ohio. Polymerization of conjugated diene hydrocarbons. 2,380,404; July 31.

Browning, George L., Jr., W. D. Stewart, and B. M. G. Zwicker, assignors, by mesne assignments, to The B. F. Goodrich Company, Akron, Ohio. Polymerization of conjugated diene hydrocarbons. 2,380,405; July 31.

Browning, J. M. & M. S., Company: *See*—
Browning, Val A., assignor.

Browning, Leander, Greenwood, Ind. Pneumatic pruning shear. 2,391,676; Dec. 25.

Browning, Val A., assignor to J. M. & M. S. Browning Company, Ogden, Utah. Firing mechanism for repeating firearms. 2,385,057; Sept. 18.

Brownlee, George, Beckenham, and W. M. Duffin, Dartford, England, assignors to Burroughs Wellcome & Co. (U. S. A.) Incorporated, New York, N. Y. Synthesis of ketones. 2,376,415; May 22.

Brownlee, Robert N., assignor to Wood Conversion Company, Cloquet, Minn. Forming fiber felts. 2,389,024; Nov. 13.

Brownlee, Theodore: *See*—
MacCarthy, D. D., and Brownlee.

Brownlie, John, Freeport, and R. Gerstenzang, Brooklyn, N. Y., assignors to A. B. C. Steel Equipment Co. Inc., New York, N. Y. Portable parts cabinet. 2,387,741; Oct. 30.

Brownlow, David B., and J. Feulner, assignors to The Russell Manufacturing Company, Middletown, Conn. Machine for making corded tape. 2,383,767; Aug. 28.

Brownrigg, Alice P., et al.: *See*—
Hodgdon, John W. S., assignor.

Brownshield, Milton L., Dobbs Ferry, N. Y. Loop antenna unit. 2,381,334; Aug. 7.

Brownyer, Nelson R.: *See*—
Buckendale, L. R., Brownyer, and Keese.

Broyles, Grace A., Kenosha, Wis., assignor to C. A. Soans, River Forest, Ill. Hair removing electrode. 2,375,194; May 8.

Broyles, John E., Washington, D. C. Transmission mechanism for reciprocating engines. 2,375,748; May 15.

Broyles, Lawren E., and E. J. Pittenger, Chico, Calif. Casting device. 2,390,054; Dec. 4.

Brozan, Newton, et al.: *See*—
Wolfers, Philip, assignor.

Brozek, Lawrence, Jackson Heights, assignor to Waldes Koh-I-Noor, Inc., Long Island City, N. Y. Securing means. 2,382,947; Aug. 14.

Brozek, Lawrence, Jackson Heights, assignor to Waldes Koh-I-Noor, Inc., Long Island City, N. Y. Open retaining ring. 2,382,948; Aug. 14.

Brubach, Howard F., Wood Acres, and L. R. Crisp, Bethesda, Md. Apparatus for the administration of gaseous mixtures. 2,385,786; Oct. 2.

Brubacher, William G., Montreal, Quebec, Canada. Method and apparatus for making wallboard. 2,370,393; Feb. 27.

Brubaker, Carl H., Passaic, assignor to The Standard Bleachery and Printing Company, Carlton Hill, N. J. Vat dyeing process. 2,371,145; Mar. 13.

Brubaker, John T., Luray, Va. Meat grinding and condiment admixing machine. 2,377,069; May 29.

Brubaker, Merlin M., assignor to E. I. du Pont de Nemours Company, Wilmington, Del. Polyamides. 2,374,576; Apr. 24.

Brubaker, Merlin M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. New vinyl polymer and its production. 2,378,536; June 19.

Brubaker, Merlin M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Ester. 2,381,883; Aug. 14.

Brubaker, Merlin M., Boothwyn, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing ethylene polymers. 2,377,753; June 5.

Brubaker, Merlin M., Boothwyn, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymeric materials containing nitrogen-substituted polyamides. 2,378,977; June 26.

Brubaker, Merlin M., Boothwyn, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Esters. 2,381,889; Aug. 14.

Brubaker, Merlin M., Boothwyn, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Photographic emulsion layers. 2,384,072; Sept. 4.

Brubaker, Merlin M., Lindemere, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Monomeric and polymeric esters of vinyl thiols and their manufacture. 2,378,535; June 19.

Brubaker, William H.: *See*—
Schellin, J. C., Housekeeper, and Brubaker.

Bruce, Alfred W., assignor to American Locomotive Company, New York, N. Y. Railway vehicle. 2,368,590; Jan. 30.

Bruce, Alfred W., assignor to American Locomotive Company, New York, N. Y. Snubber. 2,389,840; Nov. 27.

Bruce, James E.: *See*—
Peterson, J. A., and Bruce.

Bruce, John A., assignor to Bruce's Juices, Inc., Tampa, Fla. Fruit and vegetable tablets. 2,366,591; Jan. 2.

Bruce, Malcolm, assignor of one-half to R. W. Taylor, Plymouth, Mass. Radio antenna system. 2,387,116; Oct. 16.

Bruce, Robert, Dunellen, N. J., assignor to American Telephone and Telegraph Company. Accounting and statistical system. 2,366,998; Jan. 9.

Bruce's Juices, Inc.: *See*—
Bruce, John A., assignor.

Brucon Corporation: *See*—
Wallis, Marvin E., assignor.

Bruder, Peter W., Kew Gardens Hills, N. Y. Battery terminal clamp. 2,370,227; Feb. 27.

Bruderlin, Henry H., Hermosa Beach, Calif. Signal translating device. 2,388,116; Oct. 30.

Bruen, George C.: *See*—
Nightingale, William J., assignor.

Bruen, George C., assignor, by meane assignments of thirty-five per cent to himself, thirty-five per cent to S. E. Bruen, Chicago, five per cent to E. V. Dickinson, Highland Park, nine per cent to S. M. Bullock, Wilmette, Ill., ten and one-half per cent to G. A. Stuart, Washington, D. C., two per cent to J. Fisher, Chicago, one per cent to M. Thoenen, Elmwood Park, one per cent to G. H. Fredericksen, Chicago, Ill., and one per cent to E. M. Thorsen, St. Joseph, Mo. Card filing equipment. 2,372,249; Mar. 27.

Bruen, Sophie E., et al.: *See*—
Bruen, George C., assignor.

Bruenner, Alexander, Parkersburg, W. Va., assignor to American Viscose Corporation, Wilmington, Del. Method and apparatus for handling filamentary material. 2,381,643; Aug. 7.

Bruenner, Alexander, and A. Lodge, Meadville, Pa., assignors to America Viscose Corporation, Wilmington, Del. Method and apparatus for crimping textile fibrous material. 2,368,637; Feb. 6.

Brueske, George A., Wayzata, Minn., assignor to The Perkin-Elmer Corporation, Glenbrook, Conn. Optical instrument. 2,378,282; June 12.

Brueske, George A., Wayzata, Minn., assignor to The Perkin-Elmer Corporation, Glenbrook, Conn. Range finder. 2,378,354; June 12.

Bruestle, Carl O., Rahway, N. J., assignor to Borg-Warner Corporation, Chicago, Ill. Comb lock assembly. 2,370,774; Mar. 6.

Brügger, Albert, Horgen, Switzerland. Winding machine with automatic spool exchanging means. 2,378,978; June 26.

Brügger, Albert, Horgen, Switzerland. Driving arrangement for thread guides, particularly for cop winding machines. 2,381,570; Aug. 7.

Brujac Electronic Corporation: *See*—
Muller, Werner, assignor.

Brull, Charles B., New York, N. Y., assignor to American Prototype Corporation. Rotary operating machine. 2,373,656; Apr. 17.

Brumbach, Alvin L., Reading, assignor to Textile Machine Works, Wyomissing, Pa. Sinkerhead for knitting machines. 2,384,451; Sept. 11.

Brumbaugh, Andrew K., Palo Alto, assignor to Knuckey Truck Company, San Francisco, Calif. Earth-moving equipment. 2,374,410; Apr. 24.

Brumbaugh, Isaac V., assignor to American Stove Company, St. Louis, Mo. Range. 2,376,571; May 22.

Brumbaugh, John M.: *See*—
Ford, J. R., and Brumbaugh.

Brumfield, Warren F., Muskogee, Okla. Vehicle. 2,377,399; June 5.

Brumhill, Claude W., assignor to The Imperial Typewriter Company, Limited, Leicester, England. Manifolding apparatus for typewriting machines. 2,386,430; Oct. 9.

Brumhill, Claude W., assignor to The Imperial Typewriter Company, Limited, Leicester, England. Leading edge gauge for typewriting machines. 2,386,431; Oct. 9.

Brumley, Jessie E., Owensboro, Ky. Steam pan. 2,371,279; Mar. 13.

Brune, Lennart, H., Rochester, and E. J. Ries, Brighton, assignors, to Ritter Company, Inc., Rochester, N. Y. Time-controlled electric switch. 2,382,972; Aug. 21.

Brunelle, Henry E., Jr., Schenectady, N. Y., assignor to General Electric Company. Electrical connector. 2,385,191; Sept. 18.

Bruner, Frank H., Beacon, L. A. Clarke, Fishkill, and R. L. Sawyer, assignors to The Texas Company, New York, N. Y. Alkylation of aromatic compounds. 2,376,119; May 15.

Bruner, Walter M.: *See*—
Loder, Donald J., and Bruner, assignors.

Bruni, Rudolph H., and J. W. Jones, Richmond, Va., said Jones assignor to said Bruni. Antirust composition. 2,366,486; Jan. 2.

Bruning, Charles, Co., Inc.: *See*—
MacDonald, H. G., and Hruby, assignors.

Brunk, Harold J., Chicago, Ill., assignor to The C. F. Pease Company. Threading paper through blue print machines. 2,379,339; June 26.

Brunk, Harold J., Chicago, Ill., assignor to The C. F. Pease Company. Apparatus for developing prints by means of gas. 2,384,155; Sept. 4.

Brunken, Renke, Shaker Heights, Ohio. Automatic gear shifting mechanism for transmissions. 2,373,453; Apr. 10.

Brunner, Albert, Jennings, assignor to Wagner Electric Corporation, St. Louis, Mo. Brake testing apparatus. 2,370,141; Feb. 27.

Brunner, Anton J., Congress Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Molding apparatus. 2,382,200; Aug. 14.

Brunner, August H., Jr.: *See*—
Reckmeyer, V. H., and Brunner.

Brunner, Eugene E., assignor to Read Machinery Co. Inc., York, Pa. Conveyer. 2,383,932; Sept. 4.

Brunner, Friedrich and C. Haury, Zurich, Switzerland. Mechanical cocking device for automatic firearms. 2,384,887; Sept. 18.

Bruno Patents, Inc.: *See*—
Lombardi, Anthony J., assignor.

Bruno Patents, Inc., Long Island City, N. Y. Connecting device. 2,376,370; May 22.

Brunot, Albert W., Lynn, Mass., assignor to General Electric Company. Condition control system. 2,387,562; Oct. 23.

Bruns, Anthony C., Cincinnati, Ohio. Multiple cutter turner. 2,369,014; Feb. 6.

Bruns, Anthony C., Cincinnati, assignor to The Palmer Company, Norwood, Ohio. Thermometer case. 2,389,485; Nov. 20.

Bruns, George M., O'Quinn, Tex. Plastic composition for production of wallboards and making the same. 2,373,945; Apr. 17.

Brunswick-Balke-Collender Company, The: *See*—
Coker, John B., assignor.
Debicki, Alfred F., assignor.
Kennedy, Robert E., assignor.
Luth, H. J., and Krupnick, assignors.
Luth, H. J., Krupnick, and Hansen, assignors.
Luth, H. J., and Scheidemantel, assignors.

Brunton, Bernard, and R. G. Booth, London, England. Joints of walls, roofs, and the like constructed from preformed panels or slabs. 2,386,588; Oct. 9.

Brusell, Ernest J., St. Paul, Minn., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 2,373,650; Apr. 17.

Bruseth, Edward H., Milwaukee, Wis. Milling and drilling adapter for boring bars. 2,374,919; May 1.

Brush Beryllium Company, The: *See*—
Kjellgren, Bengt R. F., assignor.

Brush Development Company, The: *See*—
Arndt, John P., Jr., assignor.
Arndt, J. P., Jr., Brown, and Williams, assignors.
Baerwald, Hans G., assignor.
Begun, Semi J., assignor.
Brown, W. J., and Williams, assignors.
Hooven, Frederick J., assignor.
Kornel, Otto, assignor.
Massa, Frank, assignor.
Shapiro, Harry B.
Williams, Alfred L. W., assignor.

Brush, John D., Rochester, N. Y. Fire protective means for safes, cabinets, etc. 2,377,990; June 12.

Bruson, Herman A.: *See*—
Niederhauser, W., and Bruson.

Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Beta-carbamylethyl nitroalkanes. 2,370,142; Feb. 27.

Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Esters of poly-β-carboxyalkyl ethers of polyhydric alcohols. 2,372,808; Apr. 3.

Bruson, Herman A., assignor to Röhm & Hass Company, Philadelphia, Pa. Thiocyano ether alcohols. 2,372,809; Apr. 3.

Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Hydroxytetrahydronorpolycyclopentadienes. 2,374,173; Apr. 24.

Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Esters of 2 acetyl-2-methyl pimelic acid. 2,374,327; Apr. 24.

Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Dihydronordicyclopentadienyl ethers of ether alcohols. 2,375,767; May 15.

Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Halogenated ethers of hydroxydihydronordicyclopentadiene. 2,375,768; May 15.

Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Ethers of endoethylene hydroxycyclopentanoindane. 2,376,865; May 29.

Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Esters of endoethylene hydroxycyclopentanoindane and their preparation. 2,381,433; Aug. 7.

Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Bis(2-cyanoethyl) ether and making same. 2,382,036; Aug. 14.

Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Norpolycyclopentadiene monohydrohalides. 2,382,037; Aug. 14.

Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Trihalo-tetrahydronorpolycyclopentadienes. 2,382,038; Aug. 14.

Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Cyano-alkyl ethers of polyhydric alcohols. 2,383,443; Aug. 28.

Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Dicyanoethyl acetoacetic acid compounds. 2,383,444; Aug. 28.

Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Aryloxydihydronorpolycyclopentadienes. 2,385,787; Oct. 2.

Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Hydroxydihydronorpolycyclopentadienes and their preparation. 2,385,788; Oct. 2.

Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Norendomethylene hexahydrofluorenyl alcohol. 2,385,789; Oct. 2.

Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Phenyl endoethylene cyclopentanol. 2,385,790; Oct. 2.

Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Cyanoethylation of ketones. 2,386,736; Oct. 9.

Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Cyanoethylated cyclic ketones. 2,386,737; Oct. 9.

Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Mixed esters containing the dihydronordicyclopentadiene ring system. 2,389,136; Nov. 20.

Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Carboxy-substituted pimelic acids. 2,390,024; Nov. 27.

Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. γ-nitro monocarboxylic esters. 2,390,918; Dec. 11.

Bruson, Herman A., and T. W. Riener, assignors to The Resinous Products & Chemical Company, Philadelphia, Pa. Unsaturated cyanoaldehydes and their preparation. 2,370,006; Feb. 20.

Bruson, Herman A., and T. W. Riener, assignors to The Resinous Products & Chemical Company, Philadelphia, Pa. Thioethers derived from polymers of cyclopentadiene. 2,376,340; May 22.

Brussell, Jacob, New York, N. Y. Control mechanism for sewing machines. 2,374,804; May 1.

Brustolon, George B., Groton, Conn. Combination tweezers and magnifying device. 2,387,054; Oct. 16.

Bruton, Albert L., London, England, assignor to H. A. Brassert & Company, New York, N. Y. Removal of deposits from the interior surfaces of coke ovens. 2,391,443; Dec. 25.

Brutvan, John J.: *See*—
Wilson, W., and Brutvan, assignors.

Bruun, Johannes H., and M. M. Hicks-Bruun, Swarthmore, assignors to Sun Oil Company, Philadelphia, Pa. Treating lubricating oils. 2,370,228; Feb. 27.

Bruun, Johannes H., Swarthmore, and J. H. Perrine, Prospect Park, assignors to Sun Oil Company, Philadelphia, Pa. Esterification. 2,384,793; Sept. 18.

Bruylants, Pierre, Winxele-Veithem (Lowen), and P. L. J. R. Merckx, Berchem-Antwerp, Belgium; vested in the Alien Property Custodian. Color couplers for color development. 2,375,344; May 8.

Bryan, Bent R., assignor of ten per cent to Lisle Bigler, Nephi, Utah. Rotary grader and separator. 2,378,896; June 26.

Bryan, Edward W.: *See*—
Marschner, C. F., and Bryan.

Bryan, John C., La Canada, Calif. Electric motor. 2,391,005; Dec. 18.

Bryant C., & Son, Limited: *See*—
Hawes, Albert H., assignor.

Bryant, Charles M., Tulsa, Okla., assignor to The Dow Chemical Company, Midland, Mich. Apparatus for treating wells. 2,381,875; Aug. 14.

Bryant Chucking Grinder Company: *See*—
Arms, Merton H., assignor.
Bryant, William J., assignor.
Ljunggren, Thor H., assignor.
Ljunggren, T. H., and Moore, assignors.

Bryant, Donald D., Huntington, W. Va. Dust guard. 2,391,121; Dec. 18.

Bryant Electric Company: *See*—
Beal, James, assignor.
Beal, James F., assignor.
Hodgkins, Charles H., assignor.
Hodgkins, C. H., and Hammerstrom, assignors.
Smith, R. M., and Webster, assignors.
Webster, B. C., and Smith, assignors.

Bryant, Frank, assignor to Bradley Pie Company, Los Angeles, Calif. Apparatus for trimming pies and the like. 2,381,644; Aug. 7.

Bryant, Frank D., Stratford, Conn., assignor to General Electric Company. Electric switch for discharge lamps. 2,387,055; Oct. 16.

Bryant Heater Company, The: *See*—
Cerny, J. A., and Converse, assignors.
Higley, Frank R., assignor.
Roberts, E. W., and Converse, assignors.

Bryant, James, assignor of one-half to G. and M. Carter, New York, N. Y. Baby carriage. 2,373,809; Apr. 17.

Bryant, James G., Jr., Port Huron, Mich. Double hammer for hammer mills. 2,384,531; Sept. 11.

Bryant, Niles, Augusta, Mich. Tuning apparatus for musical instruments. 2,390,237; Dec. 4.

Bryant, William G., Brunswick, Ga. Ship builder's work assembling and aligning jack. 2,372,547; Mar. 27.

Bryant, William G., Brunswick, Ga. Clamp. 2,372,548; Mar. 27.

Bryant, William J., assignor to Bryant Chucking Grinder Company, Springfield, Vt. Grinding machine. 2,378,127; June 12.

Bryce, George, West Kilbride, and V. H. Williams, Ardrossan, Scotland, assignors to Imperial Chemical Industries Limited. Transport of aqueous emulsions of liquid explosives. 2,368,638; Feb. 6.

Bryce, George, West Kilbride, and V. H. Williams, Ardrossan, Scotland, assignors to Imperial Chemical Industries Limited. Transport of aqueous emulsions of liquid explosives. 2,391,006; Dec. 18.

Bryce, James W., Glen Ridge, N. J., assignor to International Business Machines Corporation, New York, N. Y. Photographic identifying mark recorder. 2,369,431; Feb. 13.

Bryce, James W., Glen Ridge, N. J., assignor to International Business Machines Corporation, New York, N. Y. Photographic recorder. 2,370,615; Mar. 6.

Bryce, James W., Glen Ridge, N. J., assignor to International Business Machines Corporation, New York, N. Y. Combined dividing and multiplying machine. 2,370,616; Mar. 6.

Bryce, James W., Glen Ridge, N. J., assignor to International Business Machines Corporation, New York, N. Y. Combined multiplying and dividing machine. 2,375,277; May 8.

Bryce, James W., Glen Ridge, N. J., assignor to International Business Machines Corporation, New York, N. Y. Recording apparatus. 2,377,754; June 5.

Bryce, Robert S.: *See*—
MacKenzie, K. J., and Bryce.

Bryce, William H., Memphis, Tenn. Wrapping for commodities. 2,367,563; Jan. 16.

Bryner, Fred: *See*—
Britton, E. C., Moyle, and Bryner.

Brzeski, John, Toronto, Ontario, Canada. Painting machine. 2,389,409; Nov. 20.

Buc, Hyym E., Roselle, N. J., assignor to Standard Oil Development Company. Preparing olefins from alkyl halides. 2,368,446; Jan. 30.

Buc, Hyym E., and C. W. Muessig, Roselle, N. J., assignors to Standard Oil Development Company. Substitution chlorination of tertiary olefins. 2,380,500; July 31.

Buccicone, Dario, Gary, Ind., assignor to Carnegie-Illinois Steel Corporation. Apparatus for piling metallic sheets. 2,374,174; Apr. 24.

Buchan, Elmer E., Chicago, Ill. Feeder for die presses. 2,381,571; Aug. 7.

Buchan, Rudolph C., Houston, and P. L. McGee, Conroe, Tex., assignors to Standard Oil Development Company. Proportioning of emulsion treating chemicals. 2,368,447; Jan. 30.

Buchanan, Ben F., Leonia, N. J., assignor to American Maize-Products Company. Dissolving dried starch conversion solids. 2,370,123; Feb. 27.

Buchanan, Ben F., Leonia, N. J., assignor to American Maize-Products Company. Dispersion of gums. 2,376,656; May 22.

Buchanan, Edward D., Lorain, Ohio, assignor to National Tube Company. Pipe coupler. 2,388,117; Oct. 30.

Buchanan, George T., Winnsboro, S. C. Coagulant method. 2,381,865; Aug. 14.

Buchanan, Guy R.: *See*—
Mollenhauer, Elmer A., assignor.

Buchanan, J. D., Burbank, Calif. Pencil. 2,385,329; Sept. 25.

Buchanan, J. D., Burbank, Calif. Valve. 2,387,006; Oct. 16.

Buchanan, J. D., Burbank, Calif. Valve actuating system. 2,387,007; Oct. 16.

Buchanan, J. D., Burbank, Calif. Valve mechanism. 2,387,008; Oct. 16.

Buchanan, Royal S., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. 2,370,446; Feb. 27.

Buchanan, Stephen N., Westmoreland Hills, Md. Receptacle and closure therefor. 2,378,683; June 19.

Buchanan, Stephen N., Westmoreland Hills, Md., assignor to Aircraft-Marine Products, Inc., Elizabeth, N. J. Electrical connector. 2,379,567; July 3.

Buchanan, Stephen N., assignor to Aircraft-Marine Products, Inc., Elizabeth, N. J. Electrical connector. 2,383,909; Aug. 28.

Bucher, Armin, assignor to the Swiss firm of Society of Chemical Industry in Basle, Basel, Switzerland. Pigment dyestuffs and the improvement of the tinctorial properties of pigments. 2,378,283; June 12.

Buchet, Conrad R., Hollywood, Calif., assignor to B. F. B. Engineers, Incorporated. Mandrel extrusion rivet. 2,371,423; Mar. 13.

Buchholz, Arnold R., and W. A. Bargans, assignors to Brandt Automatic Cashier Company, Watertown, Wis. Coin counting machine. 2,378,628; June 19.

Büchi, Alfred, Winterthur, Switzerland. Control device for scavenged ignition-type internal-combustion engines. 2,376,115; May 15.

Büchi, Alfred, Winterthur, Switzerland. Turbine with overhung rotor. 2,390,506; Dec. 11.

Buchman, Harry C., assignor to Anchor Hocking Glass Corporation, Lancaster, Ohio. Glass screw cap. 2,372,156; Mar. 20.

Buck, Arthur W., and J. W. Miller, assignors to Buck X-Ograph Company, St. Louis, Mo. Surface plate coatings. 2,387,056; Oct. 16.

Buck, Clarence M., assignor to Hayes Industries, Inc., Jackson, Mich. Making mufflers and the like. 2,367,753; Jan. 23.

Buck, Clyde D., Fremont, Ind. Motion transmitting mechanism. 2,369,528; Feb. 13.

Buck, Clyde D., Fremont, Ind. Variable speed transmission mechanism. 2,381,805; Aug. 7.

Buck, Foster, Lisle, Ill., assignor to International Harvester Company. Fuel injector. 2,381,423; Aug. 7.

Buck, Leo F., Washington, D. C. Pig racing apparatus. 2,376,028; May 15.

Buck, Luther J., and C. E. Veatch, Alton, Ill., assignor to American Smelting and Refining Company, New York, N. Y. Apparatus for flue dust removal. 2,382,855; Aug. 14.

Buck, Robert, Rottenburg-on-the-Neckar, Germany; vested in the Alien Property Custodian. Circular knitting machine. 2,374,920; May 1.

Buck X-Ograph Company: *See*—
Buck, A. W., and Miller, assignors.

Buckendale, Lawrence R.: *See*—
Alden, H. W., Buckendale and Super.

Buckendale, Lawrence R., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Drive axle. 2,389,137; Nov. 20.

Buckendale, Lawrence R., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Resilient lubricant seal. 2,391,007; Dec. 18.

Buckendale, Lawrence R., Detroit, Mich., N. R., Brownyer, Shaker Heights, Ohio, and B. W., Keese, Oshkosh, Wis., assignors to Timken-Detroit Axle Company, Detroit, Mich. Drive axle. 2,383,954; Sept. 4.

Buckey, Jefferson P., assignor to Electronic Products, Inc., Cleveland, Ohio. Composition for treating abrasive bodies. 2,367,995; Jan. 23.

Buckeye Laboratories Corporation: *See*—
Camelford, James A., assignor.

Buckeye Steel Castings Company, The: *See*—
Orr, C. L., Moeller, and Settles, assignors.
Orr, C. L., and Stertzbach, assignors.
Wolfe, Harry H., assignor.

Buckeye Tools Corporation, The: *See*—
McCombs, Melvorne J., assignor.

Buckeye Traction Ditcher Company, The: *See*—
Hollmann, H., and Van Voorhis, assignors.
Petersen, W. C., and Kuch, assignors.

Buckholdt, Robert E., assignor to The Salem Engineering Company, Salem, Ohio. Rotary furnace drive. 2,369,529; Feb. 13.

Buckingham, William D.: *See*—
Nelson, D. H., and Buckingham.

Bucklen, Herbert E., Jr.: *See*—
Hedin, Uno C., assignor.

Bucklen, Herbert E., Jr., Elkhart, Ind., and U. C. Hedin, Des Moines, Iowa; said Hedin assignor to said Bucklen, Jr. Relay structure. 2,389,592; Nov. 27.

Buckley, Arthur H., Chicago, Ill. Cryptographic equipment. 2,377,205; May 29.

Buckley, Earl T., San Diego, and B. E. Richmond, Chula Vista, Calif., assignors of one-half to Pacific Cooperative Poultry Producers, Portland, Oreg. Egg transfer basket. 2,384,794; Sept. 18.

Buckley, Frank R., Nutley, assignor of one-third to W. L. Forker, East Orange, and one-third to D. Smythe, Lyndhurst, N. J. Tool for aligning plates. 2,376,957; May 29.

Buckley, Gerard D., and H. A. Piggott, Blackley, Manchester, England, assignors to Imperial Chemical Industries, Limited. Anthraquinone derivatives. 2,383,236; Aug. 21.

Buckley, James M., Chicago, Ill. Game apparatus. 2,370,229; Feb. 27.

Buckley, Joseph, Methuen, Mass. Auxiliary hot air heater. 2,378,181; June 12.

Buckley, Stuart E.: *See*—
Wrightsman, G. G., and Buckley.

Buckley, Walter D., Berkeley, and E. P. Bly, assignors to American Bitumuls Company, San Francisco, Calif. Bituminous emulsion and preparing same. 2,372,658; Apr. 3.

Buckmaster, James L., Arlington, Va. Camera lucida instrument and prismatic unit therefor. 2,370,143; Feb. 27.

Buckner, Louis H., Cleveland, Ohio. Game. 2,376,755; May 22.

Bucko, John, Gary, Ind. Torch supporting arm for oxyacetylene cutting machines. 2,391,008; Dec. 18.

Buckwalter, Tracy V., Massillon, assignor to The Timken Roller Bearing Company, Canton, Ohio. Car truck. 2,375,727; May 8.

Buckwalter, Tracy V., Massillon, and W. L. Scribner, assignors to The Timken Roller Bearing Company, Canton, Ohio. Rolling mill. 2,388,249; Nov. 6.

Bucy, Perl L., Oklahoma City, Okla. Ignition device. 2,384,438; Sept. 11.

Bucyrus-Erie Company: *See*—
Anderson, George Y., assignor.
Beltzel, Horace C., assignor.
Davidson, Trevor O., assignor.
Davidson, T. O., and Hoar, assignors.
Hoar, Roger S. assignor.
Mork, George W., assignor.
Thornburg, Herbert W., assignor.
Watson, George R., assignor.

Buczkoski, Leonard R., Detroit, Mich. Spring winder. 2,388,383; Nov. 6.

Buda Company, The: *See*—
Smith, Harold G., assignor.

Budd, Edward G., Manufacturing Company: *See*—
Adams, Comfort A., assignor.
Dalton, Nelson W., assignor.
Dean, Albert G., assignor.
Deisley, E. J., Ulrich, and Lindsay, assignors.
Eksergian, Rupen, assignor.
Elwert, George, assignor.
Hardman, George W., assignor.
Harwick, Henry K., assignor.
Jacob, Ellis L., assignor.
Ledwinka, Joseph, assignor.
Pancoe, George W., assignor.
Pancoe, G. W., and Dean, assignors.
Ragsdale, Earl J. W., assignor.
Rathgen, Ewalt A., assignor.
Reeb, Alfred, assignor.
Smith, John F. D., assignor.
Trautvetter, George, assignor.
Ulrich, Theodore, assignor.
Watter, Michael, assignor.
Watter, M., and Pancoe, assignors.
Weightman, William A., assignor.
Whitesell, John C., Jr., assignor.
Wimer, H. D., Jr., and Bender, assignors.
Yeager, Thomas E., assignor.

Budd Induction Heating, Inc.: *See*—
Farr, Warren H., assignor.
Somes, Howard E., assignor.

Budd Wheel Company: *See*—
Coombes, Joseph H., assignor.
Eksergian, Carolus L., assignor.
Eksergian, C. L., and Coombes, assignors.
Eksergian, C. L., and Gaenssle, assignors.
Eksergian, C. L., and Temple, assignors.
Farr, Warren H., assignor.
Farr, W. H., and Hawthorne, assignors.
Gaenssle, Paul W., assignor.
Gaenssle, P. W., and Stacy, assignors.
Law, Hugh, assignor.
Strickland, Harold A., Jr., assignor.

Budden, Edgar L., Richmond Hill, and W. C. Wieking, Woodhaven, assignors to R. Hoe & Co., Inc., New York, N. Y. Method and mechanism for controlling the operation of printing machines. 2,389,891; Nov. 27.

Budlong, Docherty & Armstrong: *See*—
Armstrong, George A., assignor.

Budlong, Robert D., Chicago, Ill., assignor to Morton White & Co., Vancouver, British Columbia, Canada. Paper roll dispenser. 2,379,275; June 26.

Budner, Joseph, assignor of one-half to E. E. Petti, Newark, N. J. Clothesline shield issuing pulley. 2,372,057; Mar. 20.

Buechel, Joseph C., Hollywood, Calif., assignor to General Electric Company. Lubricant heating system for turbo-superchargers and the like. 2,388,523; Nov. 6.

Buechmann, Frederick C., St. Albans, N. Y. Actuating mechanism for gauges and the like: 2,377,755; June 5.

Buehl, Russell C., Wilkinsburg, Pa., assignor to the Government of the United States, as represented by the Secretary of the Interior. Production of low sulphur sponge iron. 2,380,406; July 31.

Buehler, Leon, Jr., assignor to Frick Company, Waynesboro, Pa. Refrigeration system. 2,387,117; Oct. 16.

Buehner, Christ, assignor to Phenix Manufacturing Company, Inc., Milwaukee, Wis. Overhead door guiding mechanism. 2,375,837; May 15.

Buehner, Howard A., assignor to A. O. Smith Corporation, Milwaukee, Wis. Pressure vessel closure. 2,389,118; Nov. 20.

Buell, Charles K., Phillips, Tex., assignor to Phillips Petroleum Company. Hydrocarbon conversion processes. 2,368,110; Jan. 30.

Buell, Charles K., Buenavista, Tex., assignor to Phillips Petroleum Company. Vinylacetylene purification. 2,382,603; Aug. 14.

Buena Vista Iron Company: *See*—
Worthen, Eugene P., assignor.
Worthen, E. P., Barbour, and Putnam, assignors.
Worthen, E. P., and Fox, assignors.

Buer, Anna, P.: *See*—
Ruff, A. G., and Buer.

Buffalo Compressor and Air Conditioning Corporation: *See*—
Johnson, G. C., and Hathaway, assignors.

Buffalo Electro-Chemical Company, Inc.: *See*—
Dawsey, L. H., and Rudolph, assignors.
Kauffmann, H. O., and Margulies, assignors.
Levitan, N. L., and Knoch, assignors.
McEwen, Robert L., assignor.

Buffalo Forge Company: *See*—
Bauer, Norman T., assignor.

Buffalo Foundry & Machine Co.: *See*—
Harcourt, Guy N., assignor.
House, Fred F., assignor.

Buffalo Jewelry Case Company, Inc.: *See*—
Koller, Peter B., Jr., assignor.

Buffalo-Springfield Roller Co., The: *See*—
Greiner, C. F., and Harrison, assignors.

Buffum, Frank G., assignor, by mesne assignments, to Bi-Metallic Products Corporation, Chicago, Ill. Producing ferrous metal articles. 2,380,385; July 31.

Bugenhagen, George H., Midland, Mich. Package container. 2,372,708; Apr. 3.

Bugenhagen, George H., Midland, Mich. Conformator gauge for tubular joints. 2,380,919; Aug. 7.

Bugg, Kenly C., Fort Wayne, Ind. Fastener. Re. 22,681; Oct. 16.

Bugg, Kenly C., Fort Wayne, Ind. Liquid dispensing apparatus. 2,379,785; July 3.

Bugg, Kenly C., and H. L. Hart, Fort Wayne, Ind., said Hart assignor to said Bugg. Fastener. 2,379,786; July 3.

Bugler, Arthur G., Hinsdale, and H. P. Heath, Riverside, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Electrical device. 2,388,667; Nov. 13.

Bühler, Heinrich, and Ernst Müller, Zurich, Switzerland. Nozzle for pressure-operated containers. 2,378,061; June 12.

Buhs, Walter: *See*—
Behne, R., and Buhs.

Buick, Charles A., Rockville Center, N. Y. Attaching clip for ear ornaments. 2,383,237; Aug. 21.

Buick, Frederick: *See*—
Wright, R. H., and Buick.

Builders Iron Foundry: *See*—
Miner, Irving O., assignor.

Buis, Marinus, Ellesmere Port, and L. Belchetz, Ince, near Chester, England, assignors to Shell Development Company, San Francisco, Calif. Calcium naphthenate in hydrocarbon extraction. 2,383,768; Aug. 28.

Bukoff, Peter: *See*—
Blaylock, R. C., and Bukoff.

Bulatkin, Illya F., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Sealing facing and closure. 2,376,899; May 29.

Bulbulian, Arthur H.: *See*—
Akerman, J., Boothby, Bulbulian, and Lovelace.

Bulbulian, Arthur H., Rochester, Minn. High altitude oxygen supplying mask. 2,391,677; Dec. 25.

Bulger, William A., Stamford, Conn., assignor to Petroleum Heat and Power Company, New York, N. Y. Control for oil burners. 2,369,530; Feb. 13.

Bull, Victor G.: *See*—
Barker, S. N., Selman, Bull, Marten-Gwilliam, Wark, and Thomson.

Bullard Company, The: *See*—
Bullard, E. P., III, Alvey, Cowell, Lange, and Mussler, assignors.
Bullard, E. P., III, Appelberg, and Johnson, assignors.
Bullard, E. P., III, Cowell, and Lange, assignors.
Dwyer, William S., assignor.

Bullard, E. D., Company: *See*—
Ludwell, Frederick R., assignor.

Bullard, Earl J., Altadena, Calif. Grinding and lapping machine. 2,391,388; Dec. 25.

Bullard, Edward P., III, Fairfield, E. N. Cowell, Stratford, and P. H. Lange, Bridgeport, Conn., assignors to The Bullard Company. Turrethead locking means. 2,369,209; Feb. 13.

Bullard, Edward P., III, Fairfield, Le R. E. Alvey, Bridgeport, E. N. Cowell, Stratford, P. H. Lange, Bridgeport, and F. H. Mussler, Stratford, Conn., assignors to The Bullard Company. Machine tool. 2,384,809; Sept. 18.

Bullard, Edward P., III, Fairfield, G. R. Appelberg, and E. H. Johnson, Bridgeport, Conn., assignors to The Bullard Company. Machine tool. 2,385,605; Sept. 25.

Bullard, Edwin F.: *See*—
Anderson, J., and Bullard.

Bullard, Harold C., Cambridge, Mass. Knockdown corner cabinet. 2,368,284; Jan. 30.

Bullard, Harold C., Cambridge, Mass. Corner cabinet structure. 2,368,285; Jan. 30.

Bull Dog Electric Products Company: *See*—
Frank, William H., assignor.

Bulldog Electric Products Company: *See*—
Platz, Elwood T., assignor.

Bullock, Edward W., assignor to Gleason Works, Rochester, N. Y. Index mechanism. 2,386,432; Oct. 9.

Bullock, Glenn H.: *See*—
Turner, J. R., McLeod, and Bullock.

Bullock, Laurie H., et al., executors: *See*—
Replogle, Daniel B.

Bullock, Sarah M., et al.: *See*—
Bruen, George C., assignor.

Bulova Watch Company: *See*—
Beeh, L., Forster, and Meyer, assignors.
Kupchick, Edward, assignor.
Minter, Clarke C., assignor.

Bump, Albert H., Watertown, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Preparation of continuous dispersions. 2,383,933; Sept. 4.

Bundy, Francis P., Medford, Mass., assignor to United States of America, as represented by the Secretary of the Navy. Magnetostriction transducer. 2,391,678; Dec. 25.

Bundy Tubing Company: *See*—
Hobrock, Raymond H., assignor.

Bunevich, Daniel, West Allis, Wis. Aeroplane. 2,374,075; Apr. 17.

Bunker, Vincent W., and M. De Young, Grand Rapids, and H. W. Kropf, Muskegon Heights, assignors of one-half to Gallmeyer & Livingston Company, Grand Rapids, and one-half to Brickner-Kropf Machine Company, Muskegon Heights, Mich. Granding wheel dresser. 2,391,122; Dec. 18.

Bunn, B. H., Company: *See*—
Bunn, Benjamin H., assignor.

Bunn, Benjamin H., assignor to B. H. Bunn Company, Chicago, Ill. Tying machine. 2,366,235; Jan. 2.

Bunn, Benjamin H., assignor to B. H. Bunn Company, Chicago, Ill. Tying machine. 2,367,658; Jan. 23.

Bunn, Benjamin H., assignor to B. H. Bunn Company, Chicago, Ill. Tying machine. 2,371,024; Mar. 6.

Bunn, Benjamin H., assignor to B. H. Bunn Company, Chicago, Ill. Tying machine for elongated packages. 2,372,763; Apr. 3.

Bunn, Edward S., assignor to Revere Copper and Brass Incorporated, Rome, N. Y. Zinc base alloy. 2,372,546; Mar. 27.

Bunn, Edward S., assignor to Revere Copper and Brass Incorporated, Rome, N. Y. Zinc base alloys. 2,380,920; Aug. 7.

Bunn, Edward S., assignor to Revere Copper and Brass Incorporated, Rome, N. Y. Zinc base alloy. 2,380,921; Aug. 7.

Bunn, Edward S., assignor to Revere Copper and Brass Incorporated, Rome, N. Y. Zinc base alloy. 2,380,922; Aug. 7.

Bunn, Edward S., assignor to Revere Copper and Brass Incorporated, Rome, N. Y. Zinc base alloy. 2,385,496; Sept. 25.

Bunn, Edward S., assignor to Revere Copper and Brass Incorporated, Rome, N. Y. Zinc base alloy. 2,385,497; Sept. 25.

Bunn, Edward S., Baltimore, Md., assignor to Revere Copper and Brass Incorporated, Rome, N. Y. Zinc base alloys. 2,390,689; Dec. 11.

Bunnell, Arthur V., Westfield, assignor to Bowen Research Corporation, Garwood, N. J. Floor sweeper. 2,374,977; May 1.

Bunney, William E., Millstone, and W. L. Koerber, Milltown, N. J., assignors to E. R. Squibb & Sons, New York, N. Y. Preparing tetanus toxin. 2,373,464; Apr. 10.

Bunting, Albert L., Dearborn, assignor, by mesne assignments to E. J. Gray and A. M. Smith, Detroit, Mich, trustees. Photographic developer. 2,374,921; May 1.

Bunting, Albert L., Dearborn, and A. C. Schultz, Detroit, Mich.; said Schultz assignor to said Bunting. Apparatus for drying metallic articles. 2,375,173; May 1.

Bunting, Albert L., Dearborn, and A. C. Schultz, Detroit, Mich.; said Schultz assignor to said Bunting. Ferrous metal ice tray. 2,383,589; Aug. 28.

Bunting Brass & Bronze Company, The: *See*—
Yager, George F., assignor.

Buquor, Adolph P., Washington, D. C., assignor to Martin-Parry Corporation, York, Pa. Trail shoe assembly. 2,379,621; July 3.

Bura, Walter M., West Orange, N. J., assignor to Norton Company, Worcester, Mass. Grinding machine. 2,375,619; May 8.

Bura, Walter M., West Orange, N. J., assignor to Norton Company, Worcester, Mass. Grinding machine. 2,375,620; May 8.

Bura, Walter M., Orange, N. J., assignor to Norton Company, Worcester, Mass. Grinding machine. 2,381,034; Aug. 7.

Burali, Romano, Saint-Nicolas D'Aliermont, France; vested in the Alien Property Custodian. Driving mechanism for cash registers. 2,372,659; Apr. 3.

Burawoy, Abraham, Levenshulme, assignor to The Calco Printers' Association Limited, Manchester, England. Process for the nuclear methylation of aromatic amines. 2,367,713; Jan. 23.

Burbank, William E., Westfield, and D. H. Mitchell, Cranford, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Truck. 2,382,856; Aug. 14.

Burbeck, Everett W.: *See*—
Hart, H. T., Barber, and Burbeck.

Burbridge, Gaylord A., Oklahoma City, Okla. Photographic apparatus. 2,373,536; Apr. 10.

Burbridge, John R., assignor of one-half to S. D. Ellenberger, Kenosha, Wis. Multiple engagement latch. 2,384,276; Sept. 4.

Burby, Philip E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Lasting machine. 2,371,146; Mar. 13.

Burby, Philip E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Lasting machine. 2,371,733; Mar. 20.

Burby, Philip E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Lasting machine. 2,380,407; July 31.

Burch, Cecil R., Nailsea, Bristol, assignor to Metropolitan-Vickers Electrical Company Limited, London, England. Lens. 2,388,118; Oct. 30.

Burch, Cecil R., Nailsea, Bristol, assignor to Metropolitan-Vickers Electrical Company Limited, London, England. Lens. 2,388,119; Oct. 30.

Burch, Lyndon W., Pelham, N. Y. Self-locking relay. 2,391,444; Dec. 25.

Burchsted, Frederic F., Beverly, Mass. Orthopedic appliance. 2,374,163; Apr. 24.

Burckhardt, Alfred, assignor to Pitney-Bowes Postage Meter Co., Stamford, Conn. Tape moistening device. 2,371,871; Mar. 20.

Burckhardt, Alfred, Stamford, and E. A. Sammis, Springdale, assignors to Pitney-Bowes Postage Meter Co., Stamford, Conn. Letter feed and separator unit. 2,368,519; Jan. 30.

Burckhardt, Alfred, and F. J. Rouan, assignors to Pitney-Bowes Postage Meter Co., Stamford, Conn. Moistening device. 2,368,520; Jan. 30.

Burckhardt, Alfred, and J. V. Edman, assignors to Pitney-Bowes Postage Meter Co., Stamford, Conn. Liquid level control means. 2,374,076; Apr. 17.

Burdett, Albert W., New York, R. Tannous, Pelham Manor, and A. E. Tolley, Garden City, assignors to Ward Baking Company, New York, N. Y. Process and apparatus for molding bread dough. 2,373,012; Apr. 3.

Burdett, Philip H., Bridgeport, and M. W. Maughan, Fairfield, assignors to Remington Arms Company, Inc., Bridgeport, Conn. Ammunition priming mixtures. 2,377,670; June 5.

Burdette, Jean R., assignor to Carton Coolers, Inc., Lincoln, Nebr. Portable magazine type package cooler. 2,384,156; Sept. 4.

Burdick, Edwin C.: *See*—
Gess, L., and Burdick.

Burdick, Edwin C., assignor to The Brown Instrument Company, Philadelphia, Pa. Control instrument. 2,376,572; May 22.

Burdick, Frank, assignor to Shakespeare Company, Kalamazoo, Mich. Spool cap lock. 2,375,619; May 8.

Burdick, Ralph V., Junior: *See*—
Burdick, Ralph V., assignor.

Burdick, Ralph V., Loudonville, N. Y. Box. 2,379,679; July 3.

Burdick, Ralph V., assignor of one-half to R. V. Burdick, Junior, Loudonville, N. Y. Box. 2,379,680; July 3.

Bureau for Financial Advice, Inc.: *See*—
Gottfried, Steven S., assignor.

Buren, Charles C., Yakima, Wash. Draft control. 2,385,192; Sept. 18.

Burg, Bertha R.: *See*—
King, I., and Burg, assignors.

Burgard, Joseph A., Los Angeles, Calif. Automatic door lock. 2,369,713; Feb. 20.

Burge, Frank C., Dallas, Tex. Vending machine. 2,378,284; June 2.

Burge, James S., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Apparatus for supplying wire from wire supply spools to bending presses. 2,391,679; Dec. 25.

Burgener, Karl L., Villa Park, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,391,389; Dec. 25.

Burgeni, Alfred, East Orange, N. J. Container closure. 2,389,761; Nov. 27.

Burger, Frederick W., Niles, assignor to Clark Equipment Company, Buchanan, Mich. Brake mechanism. 2,379,276; June 26.

Burger, Frederick W., Niles, assignor to Clark Equipment Company, Buchanan, Mich. Wheel. 2,379,277; June 26.

Burger, Joseph, Yonkers, N. Y. Plastic sole for shoes. 2,367,481; Jan. 16.

Burger, Lewis E., La Mesa, and J. B. Skinner, assignors to Solar Aircraft Company, San Diego, Calif. Making preliminary shaping dies. 2,383,706; Aug. 20.

Burgerstein, Lothar, Rapperswil, Switzerland. Drum brake for use in general engineering. 2,389,953; Nov. 27.

Burgeson, Gustav, Youngstown, Ohio. Wood turning device. 2,388,825; Nov. 13.

Burgess Battery Company: *See*—
MacFarland, Allison M., assignor.

Burgess, Charles E., Trenton, N. J. Stamping and forming. 2,366,487; Jan. 2.

Burgess, Everett H.: *See*—
Lehane, T. J., and Burgess.

Burgess, Harry A., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. High-speed telegraph system. 2,379,880; July 10.

Burgess, Louis, Jersey City, N. J. Navigation instrument. 2,380,937; Aug. 7.

Burgess, Magnus M., Detroit, Mich., assignor to Sheller Manufacturing Corporation, Portland, Ind. Preforming die. 2,377,128; May 29.

Burgess-Manning Company: *See*—
Leadbetter, Ralph L., assignor.

Burgett, Neal J., Rockwood, Mich., assignor to B & E Art Metals, Inc., Detroit, Mich. Septic tank. 2,378,616; June 19.

Burggrabe, Henry A., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,366,955; Jan. 9.

Burghoff, Henry L.: *See*—
Crampton, D. K., and Burghoff.

Burgin, Kermit H., near Whitestown, Ind. Corn and stalk harvester. 2,385,193; Sept. 18.

Burgoine, Edward, B. Collie, and R. G. A. New, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Organic isocyanates. 2,379,948; July 10.

Burgoine, Sidney F., and H. E. Elsden, Cheltenham, England. Fluid-operated work-holding vise. 2,382,958; Aug. 21.

Burgwin, Stephen L., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Adjustable time delay relay. 2,373,998; Apr. 17.

Burgwin, Stephen L., Forest Hills, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Resistance welding circuits. 2,378,897; June 26.

Burgwin, Stephen L., Forest Hills, J. R. Mahoney, Homewood, and H. J. Bichsel, Wilkinsburg, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Welding control system. 2,390,774; Dec. 11.

Burhans, William G., Kingston, N. Y. Filter. 2,375,345; May 8.

Burk, Munson T.: *See*—
Hollowell, Everett L.

Burk, Robert E., Cleveland Heights, assignor to The Standard Oil Company, Cleveland, Ohio. Preparation of motor fuel. 2,370,144; Feb. 27.

Burk, Robert E., Cleveland Heights, assignor to The Standard Oil Company, Cleveland, Ohio. Preparation of unsaturated aliphatic gaseous hydrocarbons, etc. 2,371,147; Mar. 13.

Burk, Robert E., Cleveland Heights, assignor to The Standard Oil Company, Cleveland, Ohio. Regeneration of catalysts. 2,371,148; Mar. 13.

Burk, Robert E., Cleveland Heights, assignor to The Standard Oil Company, Cleveland, Ohio. Liquid division. 2,373,099; Apr. 10.

Burk, Robert E., Cleveland Heights, assignor to The Standard Oil Company, Cleveland, Ohio. Inhibiting cracking in re-forming of hydrocarbons. 2,380,938; Aug. 7.

Burk, Robert E., Cleveland Heights, assignor to The Standard Oil Company, Cleveland, Ohio. Catalytic formation of isobutane. 2,385,344; Sept. 25.

Burk, Robert E., Cleveland Heights, assignor to The Standard Oil Company, Cleveland, Ohio. Controlled fractional distillation apparatus. 2,385,345; Sept. 25.

Burk, Robert E., and E. C. Hughes, Cleveland Heights, assignors to The Standard Oil Company, Cleveland, Ohio. Beneficiating lubricants, etc. 2,367,264; Jan. 16.

Burk, Robert E., and E. C. Hughes, Cleveland Heights, assignors to The Standard Oil Company, Cleveland, Ohio. Catalytic conversion of hydrocarbons. 2,374,175; Apr. 24.

Burk, Robert E., Cleveland Heights, and T. J. Walsh, assignors to The Standard Oil Company, Cleveland, Ohio. Apparatus for liquid contact for fractionating, etc. 2,376,341; May 22.

Burk, Robert E., Cleveland, and H. P. Lankelma, Shaker Heights, assignors to The Standard Oil Company, Cleveland, Ohio. Isomerization. 2,381,434; Aug. 7.

Burkart, F., Manufacturing Company: *See*—
Koppiin, Karl J., assignor.

Burkart F., Manufacturing Company: *See*—
Koppiin, Karl J., assignor.

Burke, Edmund P., San Marino, Calif. Multitrussed unit. 2,384,157; Sept. 4.

Burke, Edward W., Mahopac, assignor to Pulmosan Safety Equipment Corporation, Brooklyn, N. Y. Carboy truck. 2,389,294; Nov. 20.

Burke & James, Inc.: *See*—
Drucker, Albert, assignor.
Drucker, Samuel, assignor.
Haley, H. D., and Burke.

Burke, James L.: *See*—
Modern, A. E. H., and Burke.

Burke, James P., Poland, Ohio, assignor to F. L. McLaughlin, Detroit, Mich. Nut. 2,387,659; Jan. 23.

Burke, James P., Poland, Ohio. Helicopter. 2,378,617; June 19.

Burke, James J., assignor to American Viscose Corporation, Wilmington, Del. Spinning machine control. 2,380,147; July 10.

Burke, Joseph R., H. L. Worthington, and G. Runciman, Seattle, Wash. Timber load carrying member. 2,382,201; Aug. 14.

Burke, Wilbur B., Cleveland, Ohio. Drilling machine. 2,390,420; Dec. 4.

Burke, William J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Resins obtained from ureas and alkylolamines. 2,374,077; Apr. 17.

Burke, William J., Marshallton, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymeric sulphur containing derivatives and their preparation. 2,384,888; Sept. 18.

Burke, William A., and H. J., and W. O. **Frese**, assignors to The Ohio Stove Company, Portsmouth, Ohio. Magazine stove. 2,384,596; Sept. 11.

Burke, William F., assignor to The McBee Company, Athens, Ohio. Auxiliary lighting fixture. 2,389,762; Nov. 27.

Burke, William J., Marshallton, and J. H. Werntz, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Condensation products and processes for their production. 2,370,839; Mar. 6.

Burke, William J., Marshallton, and F. W. Hoover, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Condensation products of heteromonocyclic urea derivatives. 2,374,647; May 1.

Burke, William J., Marshallton, and J. H. Werntz, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Condensation products of N,N'-bis (alkoxymethyl) urea and their production. 2,374,648; May 1.

Burke, William J., Marshallton, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. S-substituted mercaptomethyl ethers of hydroxylated polymers. 2,378,898; June 26.

Burke, William J., Marshallton, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Bichalcogenous material. 2,388,597; Nov. 6.

Burke, William O.: *See*—
North, E. W., and Burke.

Burkhalter, Robert R.: *See*—
Peterson, Carl D.

Burkhardt Company, The: *See*—
Johnson, Stanley G., assignor.

Burkhardt, Conrad C. C., Beach Arlington, N. J., assignor to The Baldwin Locomotive Works. Radiator system for Diesel locomotives. 2,371,501; Mar. 13.

Burkhardt, Ernst, Berlin, Germany, assignor to General Electric Company. Electroacoustic transducer. 2,368,609; Jan. 30.

Burkhardt, George R.: *See*—
Breed, C. W., and Burkhardt.

Burkhardt, Wilhelm: *See*—
Berghaus, B., and Burkhardt.

Burkhart, Oliver R., et al.: *See*—
Gruner, William P., assignor.

Burkhart, Walter H., et al.: *See*—
Gruner, William P., assignor.

Burkholder, John D., Jr., Harrisonburg, Va. Brooder. 2,385,682; Sept. 25.

Burlo, Edward E., Green Bay, Wis. Welder's periscope. 2,377,671; June 5.

Burls, John P., London, W. 1, England, assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Flexible screen support. 2,378,463; June 19.

Barman, Paul H., Glendale, Ohio. Immersion gauge. 2,369,335; Feb. 13.

Barman & Sons Limited: *See*—
Briggs, Thomas H. and W. H., assignors.

Barnam, Thompson W., Whittier, Calif. Nozzle. 2,383,433; Aug. 21.

Barndy Engineering Company, Inc.: *See*—
Bonwitt, Wilhelm F., assignor.
Lee, Marvin, assignor.
Lee, M., and Matthysse, assignors.
Rogoff, Julian, assignor.

Burnelli, V. J., Airplanes Inc.: *See*—
Burnelli, Vincent J., assignor.

Burnelli, Vincent J., Matawan, assignor to V. J. Burnelli Airplanes Inc., Red Bank, N. J. Combined engine cooling and jet propulsion means. 2,372,250; Mar. 27.

Burnelli, Vincent J., Matawan, assignor to V. J. Burnelli Airplanes Inc., Red Bank, N. J. Military aircraft. 2,380,289; July 10.

Burnelli, Vincent J., Matawan, assignor to V. J. Burnelli Airplanes Inc., Red Bank, N. J. Cargo carrying airplane. 2,380,290; July 10.

Burnelli, V. J., Airplanes Inc.: *See*—
Burnelli, Vincent J., assignor.

Burnett, John W., Chicago, Ill., assignor to Reynolds Metals Company, Richmond, Va. Rebrass truck. 2,384,235; Sept. 4.

Burnham, Frank J., Los Angeles, Calif. Strainer filter for coffee making. 2,381,104; Aug. 7.

Burnham, John, North Adams, and J. L. Hyde, Williamstown, assignors to Sprague Electric Company, North Adams, Mass. Electrical apparatus. 2,387,829; Oct 30.

Burnham, Roland B., administrator: *See*—
Boyd, William P.

Burns, Bruce, assignor to The Garrett Corporation, Airesearch Manufacturing Company division, Los Angeles, Calif. Oil cooler for aircraft. 2,387,057; Oct. 16.

Burns, Clyde A., Corpus Christi, Tex. Watchcase wrench. 2,389,954; Nov. 27.

Burns, Earl A., assignor to Woodall Industries Incorporated, Detroit, Mich. Laminated trim panel and fabricating same. 2,369,658; Feb. 20.

Burns, Frank D., Muskegon, Mich. Boat cover. 2,390,986; Dec. 11.

Burns, George A.: *See*—
Rayner, T. R., and Burns.

Burns, Jabez, & Sons, Inc.: *See*—
Harrison, Norman A., assignor.

Burns, John S., Walton on Thames, England. Earth-moving machine. 2,371,502; Mar. 13.

Burns, Louis G.: *See*—
Grey, R. E., and Burns.

Burns, Robert, Jackson Heights, N. Y., assignor to Celanese Corporation of America. Dyeing process. 2,371,221; Mar. 13.

Burns, Robert S., Middletown, and A. S. McCabe, Seven Mile, assignors to The American Rolling Mill Company, Middletown, Ohio. Grain shape control in killed deep drawing materials. 2,381,435; Aug. 7.

Burns, Wilford E., Burlingame, assignor to M. J. B. Company, San Francisco, Calif. Can. 2,375,621; May 8

Burr, John H., and D. J. Driscoll, assignors to Strand Ski Company, New Richmond, Wis. Spring structure. 2,369,116; Feb. 13.

Burrell, Ellis B., assignor to Jiggers, Inc., Chicago, Ill. Soldering device. 2,377,322; June 5.

Burrell, George, Huntington, N. Y., assignor to Republic Aviation Corporation. Flight test photographic recording equipment. 2,378,182; June 12.

Burrell, Harry: *See*—
Barth, R. H., and Burrell.
Bowman, P. L., and Burrell.

Burrell, Harry, Paramus, N. J., assignor to Ellis-Foster Company. Activated filler and making same. 2,380,214; July 10.

Burrell, Harry, Paramus, N. J., and P. I. Bowman, Syracuse, N. Y., assignors, by mesne assignments, to Heyden Chemical Corporation, New York, N. Y. Synthetic drying oils. 2,390,202; Dec. 4.

Burrell Technical Supply Company: *See*—
Carlson, George W., assignor.
Holmes, D. C., and Guild, assignors.

Burreson, Zina A. M., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Bomb release system. 2,374,978; May 1.

Burris, Virgil A., Detroit, Mich. Head rest for barber's chairs. 2,370,447; Feb. 27.

Burrough, Edward J., Ottawa, Ontario, Canada, assignor to M. D. Curran, Webster Groves, Mo. Method and apparatus for dehydrating wet oil, tar, and the like. 2,368,089; Jan. 30.

Burroughs Adding Machine Company: *See*—
Fettig, Arthur J., assignor.
Muller, Robert L., assignor.
Pasinski, Walter J., assignor.

Burroughs Wellcome & Co. (U. S. A.) Inc.: *See*—
Brownlee, G., and Dunn, assignors.
Klemme, C. J., and Baltzly, assignors.
Sargent, Leonard E., assignor.

Burrows, Allen, Providence, R. I. Thread cutting tool. 2,391,223; Dec. 18.

Burrows, George H., Shaker Heights, Ohio. Apartment building structure. 2,383,445; Aug. 28.

Burrows, Lawton A., W. C. Holmes, and C. P. Spaeth, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Nitrourea product. 2,376,474; May 22.

Burrows, Lawton A., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Explosion rivet. 2,387,742; Oct. 30.

Burrows, Lawton A., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Heating device. 2,388,901; Nov. 13.

Burruss, David N., Jr., Hammond, Ind., and J. E. Drapeau, Jr., Calumet City, Ill., assignors to The Glidden Company, Cleveland, Ohio. Inv. Reducing method. 2,373,657; Apr. 17.

Burt, Clarence E., Los Angeles, assignor to Baker Oil Tools, Inc., Vernon, Calif. Well packer. 2,368,409; Jan. 30.

Burt, Clarence E., Los Angeles, assignor to Baker Oil Tools, Inc., Vernon, Calif. Flow control apparatus. 2,380,022; July 10.

Burt, F. N., Company: *See*—
Nyden, Robert, assignor.

Burt, F. N., Company, Inc.: *See*—
Dickerman, Harry K., assignor.

Burt, George H.: *See*—
Muench, C. G., and Burt.

Burt, George H., Metairie, La., assignor to The Celotex Corporation, Chicago, Ill. Apparatus for perforating material. 2,378,618; June 19.

Burt, John W., deceased, by J. Tennent and D. C. Ross, Glasgow, Scotland, executors. Power-driven wringer. 2,373,377; Apr. 10.

Burt, Ralph, assignor to Syntron Company, Homer City, Pa. Fluid operated vibrating or pulsating machine. 2,378,979; June 26.

Burt, Robert C., Pasadena, assignor to Lockheed Aircraft Corporation, Burbank, Calif. Force gauge. 2,382,289; Aug. 14.

Burtner, Robert R., Niles Center, assignor to G. D. Searle & Co., Chicago, Ill. Piperidinol esters as antispasmodic agents. 2,387,879; Oct. 30.

Burton, Augustus, Dallas, Tex. Treatment apparatus. 2,385,683; Sept. 25.

Burton, Calvin A., assignor to Lamson Corporation, Syracuse, N. Y. Hoist. 2,372,157; Mar. 20.

Burton, Charles H.: *See*—
Roseman, R., and Eisenberg, assignors.

Burton, Clyde E., Brunswick, Maine. Attachment for torch burning machines. 2,368,967; Feb. 6.

Burton, Edward F., Los Angeles, H. W. Adams, Santa Monica, and O. A. Wheelon, Pacific Palisades, assignors to Douglas Aircraft Company, Incorporated, Santa Monica, Calif. Control surface boost device and gust dampener. 2,366,382; Jan. 2.

Burton, Edward F., West Los Angeles, and A. B. Rogers, Sr., assignors to Douglas Aircraft Company, Inc., Santa Monica, Calif. Pilot enclosure. 2,385,684; Sept. 25.

Burton, Euclid O., and A. V. Nichol, Detroit, Mich., assignors to Philco Radio and Television Corporation, Philadelphia, Pa. Controlling and indicating apparatus. 2,368,743; Feb. 6.

Burton, Frank A., Poplar Bluff, Mo. Holder for upright staffs and the like. 2,390,292; Dec. 4.

Burton, Gus, Wadley, Ga. Airplane mail loading and unloading device. 2,369,133; Feb. 13.

Burton, Hammond, Baltimore, Md. Treating waxed paper for repeated re-use in linoleum manufacture. 2,368,111; Jan. 30.

Burwell, Arthur W., Niagara Falls, assignor to Alox Corporation, New York, N. Y. Nitrogenous organic compounds, and making same. 2,373,938; Apr. 17.

Burwell, Arthur W., and J. A. Cameiford, Niagara Falls, assignors to Alox Corporation, New York, N. Y. Nitrogenous organic compounds and making same. 2,378,880; June 19.

Burwell, Blair, Uravan, Colo., assignor to United States Vanadium Corporation. Treating tungstate solutions. 2,388,306; Nov. 6.

Burwood Corporation: *See*—
Bertea, Alexander, assignor.

Busch, Aloysius J., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Automatic toll ticketing system. 2,370,712; Mar. 6.

Busch, Vern W., Rushton, Mich. Lunch box. 2,390,638; Dec. 11.

Bush, A. G.: *See*—
Criner, Harry J., assignor.

Bush, Burton T., Inc.: *See*—
Carpenter, Marion S., assignor.
Ofner, A. and Kuns, E. C.
Sandoz, Maurice, assignor.

Bush Development Company, The: *See*—
Williams, Alfred L. W., assignor.

Bush, George T.: *See*—
Ursutz, Joseph J., assignor.

Bush, Howard F., East Orange, N. J., and R. C. Hitchcock, Indiana, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical measuring instrument. 2,367,926; Jan. 23.

Bush Manufacturing Company, The: *See*—
Fagan, Joseph F., assignor.

Bush, Rankin J., Jeannette, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure motor. 2,376,475; May 22.

Bush, Rankin J., Jeannette, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pump control. 2,381,203; Aug. 7.

Bush, Vannevar, East Jaffrey, N. H., assignor to Research Corporation, New York, N. Y. Justifying typewriter. 2,379,862; July 10.

Bush, William A., and E. A. Lasher, assignors to California Flaxseed Products Company, Los Angeles, Calif. Processing spice. 2,384,532; Sept. 11.

Bushnell, Elizabeth W., Bridgeport, Conn., assignor to B. A. Thomas and H. G. Marquis, Scarsdale, N. Y. Hospital chair. 2,383,039; Aug. 21.

Bushrod, Charles J., Prestwich, Manchester, assignor to Magnesium Elektron Limited, London, England. Welding fluxes. 2,370,935; Mar. 6.

Bushrod, Charles J., Prestwich, Manchester, assignor to Magnesium Elektron Limited, London, England. Protection of magnesium and magnesium base alloys against corrosion. 2,387,494; Oct. 23.

Busignies, Henri G., Forest Hills, N. Y., and A. G. Richardson, Boonton, N. J., assignors to Federal Telephone and Radio Corporation. Goniometer construction. 2,379,422; July 3.

Businger, Albert: *See*—
Ruggli, P., and Businger.

Busk, Robert S., assignor to The Dow Chemical Company, Midland, Mich. Magnesium base alloy. 2,385,685; Sept. 25.

Busk, Robert S., assignor to The Dow Chemical Company, Midland, Mich. Magnesium base alloy. 2,385,686; Sept. 25.

Busk, Robert S., assignor to The Dow Chemical Company, Midland, Mich. Heat-treating magnesium alloys. 2,388,120; Oct. 30.

Buskirk, Elmore E., assignor to Aget Manufacturing Company, Adrian, Mich. Air purifier. 2,368,343; Jan. 30.

Busse, Edwin G., assignor to Chicago Railway Equipment Company, Chicago, Ill. Railway truck brake beam support. 2,383,955; Sept. 4.

Bussmann, Henry T., St. Louis, Mo. Electric protective device. 2,376,863; May 29.

Bustamante, Cesar, assignor to E. Gut, New York, N. Y. Grenade thrower. 2,382,540; Aug. 14.

Bustamante, Cesar, assignor of one-third to S. Bookstein, Belle Harbor, and one-third to B. Weisman, New York, N. Y. Machine for making and applying spangles. 2,390,639; Dec. 11.

Butcher, Lionel D.: *See*—
Wadman, W. V., and Butcher.

Butenandt, Adolf, Berlin-Dahlem, and W. Logemann, Berlin-Friedenau, Germany, assignors to Schering Corporation, Bloomfield, N. J. Polyhydric alcohols of steroids and making the same. 2,368,199; Jan. 30.

Buthe, Henry, Cliffside, assignor to Star Engineering Company, Newark, N. J. Hydromechanical power transmission. 2,385,058; Sept. 18.

Buthe, Henry, Cliffside, assignor to Star Engineering Company, Newark, N. J. Hydromechanical power transmission. 2,385,059; Sept. 18.

Butler, Donald E., J. F. Herold, and V. B. Zacher, Ventura, Calif., assignors to Tide Water Associated Oil Company. Drilling mud. 2,377,309; June 5.

Butler, Edward H., West Lafayette, Ind., assignor to Aluminum Company of America, Pittsburgh, Pa. Article handling device. 2,379,622; July 3.

Butler, Gordon C., Montreal, E. Lozinski, Westmount, and A. D. Odell, assignors to C. E. Frosst & Co., Montreal, Quebec, Canada. Preparation of new sulphonamide derivatives. 2,373,658; Apr. 17.

Butler, Gurdon M., Jr.: *See*—
Breeler, W. R., and Butler.

Butler, John F., Holywood, and W. B. McC. Killen, Belfast, Northern Ireland. Carburetor. 2,373,224; Apr. 10.

Butler, John W.: *See*—
Strang, H. E., and Butler.

Butler Manufacturing Company: *See*—
Damme, W. O., and Gabler, assignors.
George, Ralph D., assignor.

Butler, Seth E., Union City, N. J., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Locking device for telescoping members. 2,367,196; Jan. 16.

Butler, William F., Hillside, N. J., assignor to American Can Company, New York. Oven. 2,376,866; May 29.

Butler, William H.: *See*—
Turkington, V. H., and Butler.

Butler, William R.: *See*—
Carlson, C. A., and Butler.

Butow, Abe M., assignor to Artistic Foundations, Inc., New York, N. Y. Foundation garment. 2,389,410; Nov. 20.

Butrovich, George W., Tulsa, Okla., and C. E. Deardorff, assignors to Douglas Aircraft Company, Inc., Santa Monica, Calif. Hydraulic synchronizer. 2,376,320; May 22.

Butt, Charles A., and A. O. Hallman, East Point, Ga., assignors to International Minerals & Chemical Corporation. Manufacturing iron-free magnesium sulphate from certain minerals. 2,375,749; May 15.

Butterbaugh, Darrell J.: *See*—
Spence, Le R. U., Butterbaugh, and Kroeker.

Butterfield, John P.: *See*—
Herreshoff, A. G., and Butterfield.

Butterworth, H. W., & Sons Company: *See*—
Sippel, John J., assignor.

Buttery, Kenneth T., assignor to Sutherland Paper Company, Kalamazoo, Mich. Box or container. 2,372,312; Mar. 27.

Buttery, Kenneth T., assignor to Sutherland Paper Company, Kalamazoo, Mich. Collapsible cellular carton. 2,382,202; Aug. 14.

Buttery, Kenneth T., assignor to Sutherland Paper Company, Kalamazoo, Mich. Egg carton setting up device. 2,385,401; Sept. 25.

Buttner, Harold H., Rye, N. Y. Toasting device. 2,382,380; Aug. 14.

Buttner, William C., Winnetka, assignor to The Bastian-Blessing Co., Chicago, Ill. Cutoff valve. 2,380,576; July 31.

Buttress, George A., assignor of one-half to R. S. Berry, Los Angeles, Calif. Lath. 2,371,734; Mar. 20.

Buttrill, Carroll O.: *See*—
Marshall, C. D., and Buttrill.

Butts, Armstrong C., Cumberland, Md., assignor to Superior Railway Products Corporation, Pittsburgh, Pa. Chamber cleaning device. 2,386,193; Oct. 9.

Butz, Lewis W.: *See*—
Orchin, Milton, and Butz.

Butz, Lewis W., Beltsville, Md., assignor to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Nonbenzenoid fused polycyclic compounds. 2,387,830; Oct. 30.

Butzbach, Orville K., assignor to The Studebaker Corporation, South Bend, Ind. Transmission. 2,377,206; May 29.

Buxbaum, Edwin C., Media, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Diarylamino-trianthrimides. 2,372,313; Mar. 27.

Buxton, Incorporated: *See*—
Buxton, Warner R., assignor.

Buxton, Linus W.: *See*—
Lovejoy, F. C., and Buxton.

Buxton, Loran O., Belleville, assignor to National Oil Products Company, Harrison, N. J. Preparation of highly potent vitamin concentrates. 2,374,470; Apr. 24.

Buxton, Loran O., Belleville, assignor to National Oil Products Company, Harrison, N. J. Preparation of highly potent vitamin concentrates. 2,374,471; Apr. 24.

Buxton, Loran O., Newark, assignor to National Oil Products Company, Harrison, N. J. Vitamin fortified product. 2,375,278; May 8.

Buxton, Loran O., Newark, and A. E. Briod, Short Hills, assignors to National Oil Products Company, Harrison, N. J. Fat-soluble vital product. 2,375,279; May 8.

Buxton, Loran O., Belleville, assignor to National Oil Products Company, Harrison, N. J. Treating marine oils. 2,380,408; July 31.

Buxton, Loran O., Newark, assignor to National Oil Products Company, Harrison, N. J. Production of vitamin concentrates. 2,380,409; July 31.

Buxton, Loran O., Newark, assignor to National Oil Products Company, Harrison, N. J. Fat-soluble vitamin ester concentration process. 2,380,410; July 31.

Buxton, Loran O., Newark, assignor to National Oil Products Company, Harrison, N. J. Refining marine oils. 2,380,411; July 31.

Buxton, Loran O., East Orange, assignor to National Oil Products Company, Harrison, N. J. High iodine value oils. 2,380,412; July 31.

Buxton, Loran O., East Orange, assignor to National Oil Products Company, Harrison, N. J. Treatment of animal and vegetable oils. 2,380,413; July 31.

Buxton, Loran O., East Orange, assignor to National Oil Products Company, Harrison, N. J. Fat-soluble vitamin concentration. 2,380,414; July 31.

Buxton, Loran O., Belleville, assignor to National Oil Products Company, Harrison, N. J. Producing fat-soluble vitamin concentrates. 2,389,955; Nov. 27.

Buxton, Mabel A., executrix: *See*—
Buxton, Warner R.

Buxton, Warner R., deceased, by M. A. Buxton, executrix, Longmeadow, Mass., assignor to Buxton, Incorporated. Flexible pocket receptacle. 2,379,672; July 3.

Buzzell, Jonathan J.: *See*—
Lutes, H., and Buzzell.

Byard Manufacturing Company, Limited: *See*—
Hunter, Albert E., assignor.

Bye, Harald P., Washington, D. C. Muffler. 2,385,791; Oct. 2.

Bye, Paul C., Pasadena, Calif. Reciprocating can piercer. 2,376,756; May 22.

Byer, Moses J., Bangor, Maine. Clip for Venetian blind slats. 2,367,095; Jan. 9.

Byerlein, Arthur A., Detroit, Mich., assignor to General Machinery Corporation, Hamilton, Ohio. Press. 2,378,062; June 12.

Byers, A. M., Company: *See*—
Story, Edward B., assignor.

Byers, John R., Jr.: *See*—
Dickey, J. B., and Byers.
McNally, J. G., and Byers.

Bylo, John J., Detroit, Mich. Loading and unloading cargo. 2,371,149; Mar. 13.

Byrd, Edwin E., Houston, Tex., assignor to Standard Oil Development Company. Completing wells. 2,374,922; May 1.

Byerly, David R., Wyoming, assignor to The Procter & Gamble Company, Cincinnati, Ohio. Granular soap product. 2,388,632; Nov. 6.

Byrkit, Gordon D.: *See*—
Lincoln, B. H., and Byrkit.
Lincoln, B. H., and Byrkit, assignors.
Lincoln, B. H., Byrkit and Steiner.
Lincoln, Bert H., and Byrkit.

Byrnes, Clarence P.: *See*—
James, Joseph H., assignor.

Byrns, Alva C.: *See*—
Polly, O. L., and Byrns.

Byrns, Alva C., Palos Verdes Estates, assignor to Union Oil Company of California, Los Angeles, Calif. Production of synthetic resins. 2,367,183; Jan. 16.

Byrns, Alva C., assignor to Union Oil Company of California, Los Angeles, Calif. Desulphurization catalysts. 2,369,432; Feb. 13.

Byroad, Robert J., Indianapolis, Ind. Pump. 2,367,184; Jan. 16.

Bywater, William G.: *See*—
Cheney, L. C., and Bywater.

C. B. Equipment Co.: *See*—
Harbers, Henry C., assignor.

C-S Engineering Company: *See*—
Coffin, J. S., Jr., and Schellens, assignors.

Cabin Crafts: *See*—
Kile, Jess S., assignor.

Cable, Herbert H., Van Nuys, Calif. Kitchen utility mounting. 2,369,336; Feb. 13.

Cable and Wireless Limited: *See*—
Warburton, Fred, assignor.

Cabrera, José G., Habana, Cuba. Folding cover for typewriting machines or the like. 2,390,987; Dec. 18.

Caddy, Frank E.: *See*—
Voogd, M., Caddy, and Duffy.

Cadeau, Alvin P., Burlington, Ontario, Canada, assignor, by mesne assignments, to S. A. Felton & Son Company, Portland, Maine. Dabbing brush. 2,382,541; Aug. 14.

Cadieux, Arthur H., Granby, Quebec, Canada. Window shade attachment. 2,389,593; Nov. 27.

Cadieux, Isadore, Letellier, Manitoba, Canada. Root harvesting machine. 2,389,411; Nov. 20.

Cadman, Addi B., San Diego, Calif. Offsetting mechanism. 2,381,105; Aug. 7.

Cadwallader, Alvin A., Oakford, Pa., assignor to Illinois Tool Works, Chicago, Ill. Coupling device. 2,375,728; May 8.

Cadwallader, Clyde T., assignor to D. Cadwallader, Kenmore, N. Y. Loose-leaf binder. 2,374,635; Apr. 24.

Cadwallader, Dorothy: *See*—
Cadwallader, Clyde T., assignor.

Cadwell, Charles A., Cleveland Heights, assignor to The Electric Railway Improvement Company, Cleveland, Ohio. Exothermic reaction charge. 2,383,040; Aug. 21.

Cadwell, Charles A., Cleveland Heights, assignor to The Electric Railway Improvement Company, Cleveland, Ohio. Welding materials and processes. 2,387,715; Oct. 30.

Cadwell, Edwin B., Saugerties, N. Y.; H. Cadwell, executrix of said E. B. Cadwell, deceased. Machine for removing snow. 2,390,421; Dec. 4.

Cadwell, Helen, executrix: *See*—
Cadwell, Edwin B.

Cadwell, Leon L.: *See*—
Williams, B. E., and Cadwell.

Caesar, Philip D.: *See*—
Sachanen, A. N., and Caesar.

Caesar, Philip D., and A. N. Sachanen, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Catalytic alkylation. 2,373,999; Apr. 17.

Cafagno, Joe, Marion, Ohio. Heating furnace. 2,381,106; Aug. 7.

Caffrey, Charles S.: *See*—
Corbin, W. S., Chilson, Tollison, Caffrey, and Dilon.

Cahill, Gerald, Michigan City, Ind. Time shell. 2,369,337; Feb. 13.

Cahill, Harold G., Riverside, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Making coils. 2,388,598; Nov. 6.

Cahn, Frank J., and B. R. Harris, assignors to The Emulsol Corporation, Chicago, Ill. Chemical compounds. 2,371,097; Mar. 6.

Cahn, Frank J., assignor to The Emulsol Corporation, Chicago, Ill. Separation of mineral values from ores. 2,389,763; Nov. 27.

Cabners, Norman L., Hingham, Mass. Materials handling pallets adopted for use as accessories in fork lift truck operations. 2,369,944; Feb. 20.

Cailloux, John F., Houston, Tex., and P. M. Rea, Oklahoma City, Okla. Apparatus for reconditioning drill pipe. 2,373,163; Apr. 10.

Cairns Corporation: *See*—
Lermont, B., and Wolf, assignors.
Lermont, Basil, assignor.

Cairns, Gorden: *See*—
Lewers, T. R., and Cairns.

Cairns, Robert W., Wilmington, Del., and R. L. Stern, South River, N. J., assignors to Hercules Powder Company, Wilmington, Del. Treatment of nitrocellulose. 2,382,130; Aug. 14.

Calabro, Anthony A., New Haven, Conn. Permanent wave mandrel. 2,381,107; Aug. 7.

Calbick, Chester J., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Manometer circuits. 2,375,280; May 8.

Calco Printers' Association Limited, The: *See*—
Burawoy, Abraham, assignor.

Calcott, William S.: *See*—
Calcott, W. S., Waddell, and Rosenberg.

Calcott, William S., Woodstown, J. Waddell, Metuchen, N. J., and H. R. Rosenberg, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Antirachitic materials and their production. 2,383,446; Aug. 28.

Calcott, William S., Woodstown, N. J., and H. W. Starkweather, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Continuous process for making rubber-like materials by polymerizing elastogenic polymerizable materials. 2,384,277; Sept. 4.

Caldara, Nicholas, Bronx, N. Y. Watch. 2,380,215; July 10.

Caldarelli, Faustino, East Boston, Mass. Rivet or bolt holder. 2,374,582; Apr. 24.

Calder, Caesar A.: *See*—
Shaw, Louis E., assignor.

Calderazzo, Dominick: *See*—
Jayne, Bennett, assignor.

Calderazzo, Dominick J., Dolgeville, N. Y. Shoe. 2,380,577; July 31.

Calderazzo, Dominick J., Dolgeville, N. Y. Shoe. 2,391,083; Dec. 18.

Caldora, Armand, New York, N. Y. Comb. 2,384,013; Sept. 4.

Caldwell, Charles W., Johannesburg, Transvaal, Union of South Africa. Holder for razor blades. 2,379,863; July 10.

Caldwell, Frank W., West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Air filter for aircraft engines. 2,374,412; Apr. 24.

Caldwell, Frank W., and E. Martin, West Hartford, assignors to United Aircraft Corporation, East Hartford, Conn. Aircraft power plant. 2,374,872; Mar. 20.

Caldwell, Harold B., New York, N. Y., assignor to Whiting Corporation, Harvey, Ill. Car washing brush. 2,372,933; Apr. 3.

Caldwell, Harry F.: *See*—
Tuthill, H. B., and Caldwell.

Caldwell, Harry J., assignor to Barnes Drill Co., Rockford, Ill. Control mechanism for honing machines. 2,381,572; Aug. 7.

Caldwell, Harry J., assignor to Barnes Drill Co., Rockford, Ill. Control mechanism for honing machines. 2,390,495; Dec. 11.

Caldwell, Harry J., and E. Y. Seborg, assignors to Barnes Drill Co., Rockford, Ill. Control mechanism for honing machines. 2,377,310; June 5.

Caldwell, John R., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Resilient synthetic yarn. 2,378,183; June 12.

Caldwell, John R., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Yarn conditioning process. 2,388,826; Nov. 13.

Caldwell, Lyle: *See*—
Greentree, Alexander, assignor.

Caldwell, Percy G., London, England. Liquid circulating system and heating means therefor. 2,367,197; Jan. 16.

Caldwell, Samuel H., Belmont, and J. J. Jaeger, Cambridge, Mass., and R. Taylor, Great Neck, N. Y., assignors to Niles-Bement-Pond Company, Hartford, Conn. Electric control for machine tools. 2,389,594; Nov. 27.

Caldwell, Samuel P.: *See*—
Bacon, D. L., Caldwell, and Barmmer.

Caldwell, Walter A., Seamill, Scotland, assignor to Imperial Chemical Industries Limited. Heater for canned foods and beverages. 2,384,278; Sept. 4.

Caldwell, Walter A., West Kilbride, Scotland, assignor to Imperial Chemical Industries Limited. Chemical immersion heater. 2,386,654; Oct. 9.

Caldwell, Walter A., Seamill, Scotland, assignor to Imperial Chemical Industries Limited. Chemical immersion heater. 2,388,466; Nov. 6.

Caldwell, Walter T., assignor, by mesne assignments, to Valve Engineering Company, Enid, Okla. Valve and operating mechanism therefor. 2,386,599; Oct. 9.

Caldwell, William E., New Rochelle, N. Y. Turbine. 2,377,611; June 5.

Caldwell, William F., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Agitating and dissolving apparatus. 2,375,729; May 8.

Caldwell, William F., Old Greenwich, R. C. Swain, Riverside, and J. H. Paden, Glenbrook, Conn., assignors to American Cyanamid Company, New York, N. Y. Apparatus for conducting reactions in liquid phase. 2,375,730; May 8.

Caldwell, William F., Old Greenwich, R. C. Swain, Riverside, and J. H. Paden, Glenbrook, Conn., assignors to American Cyanamid Company, New York, N. Y. Production of melamine. 2,375,731; May 8.

Caldwell, William J., Independence, Mo. Powdered fuel feeding system for internal-combustion engines. 2,371,735; Mar. 20.

Caldwell, William J., Independence, Mo. Adjustable nozzle. 2,373,741; Apr. 17.

Calhoun, Charles G., Pittsburgh, Pa. Extension pole. 2,384,279; Sept. 4.

Calhoun, Earl E., Shulls Mills, assignor to David P. Lavietes, Boone, N. C. Chuck for frazing machines. 2,385,346; Sept. 25.

Calhoun, Frank V., Canton, assignor, by mesne assignments, to Jack & Heints, Inc., Cleveland, Ohio. Floating reamer. 2,371,127; Mar. 13.

Calhoun, John M.: *See*—
Swan, D. R., and Calhoun.

Calhoun, Vernon, Chicago, Ill. Catamenial device. 2,386,590; Oct. 9.

Calhoun, Vernon, Chicago, Ill. Hemostat and forming same. 2,387,642; Oct. 23.

California Cedar Products Company: *See*—
Wilcox, William H., assignor.

California Cotton Mills Company: *See*—
Olsen, Burton A., assignor.
Olsen, B. A., Combs, and Nelson, assignors.

California Flaxseed Products Company: *See*—
Bush, W. A., and Lasher, assignors.

California Fruit Growers Exchange: *See*—
Bailey, Herbert S., assignor.
Cole, Gordon M., assignor.
Finley, James A., assignor.
Wilson, Clarence W., assignor.

California Institute Research Foundation: *See*—
English, J., Jr., Bonner, and Haagen-Smit, assignors.

California Packing Corporation: *See*—
Dunn, Guy A., assignor.

California Pellet Mill Company: *See*—
Wilkins, Stanley D., assignor.

California Research Corporation: *See*—
Farrington, B. B., Clayton, and Rutherford, assignors.
Fratis, Joseph E., assignor.
Kavanagh, F. W., Farrington, and Clayton, assignors.
Leyda, Frank A., assignor.
Long, Richard H., assignor.

California Spray-Chemical Corporation: *See*—
De Laney, Colton, assignor.

Calingaert, George, H. Soroos, and H. Shapiro, Detroit, Mich., assignors to the United States of America as represented by the Executive Secretary of the Office of Scientific Research and Development. Deleading gasoline. 2,390,088; Dec. 18.

Calkins, Robert S., Los Angeles, Calif. Cribbage board. 2,366,488; Jan. 2.

Calkins, Theodore H., Tacoma, Wash. Spectacle bow. 2,374,649; May 1.

Calkins, Willis A.: *See*—
Torrence, G. W., and Calkins.

Callaghan, George H., assignor to John H. Glover, Chicago, Ill. Device for cutting linoleum and the like. 2,383,368; Aug. 21.

Callaghan, Robert W., Keokuk, Iowa, and G. W. Elverum, Minneapolis, Minn., assignors to General Mills, Inc. Starch-gluten separation. 2,388,902; Nov. 13.

Callander, Marshall E., Columbia, Mo. Manufacture of mineral wool. 2,382,290; Aug. 14.

Callander, Marshall E., Columbia, Mo. Atomizing apparatus. 2,387,118; Oct. 16.

Callaway, John R., Fishkill, and W. F. Skelton, Beacon, assignors to The Texas Company, New York, N. Y. Isomerization of hydrocarbons. 2,367,333; Jan. 16.

Callaway, John R., Teaneck, N. J., assignor to The Texas Company, New York, N. Y. Treating hydrocarbon fractions. 2,381,256; Aug. 7.

Callaway Mills: *See*—
Parker, Samuel P., assignor.

Callender's Cable & Construction Company: *See*—
Vincent, Russell S., assignor.

Callender's Cable & Construction Company, Limited: *See*—
Hunter, P. V., Allcock, and Fairfield, assignors.

Calleson, Amos and E. A., Merrick, N. Y., assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Container. 2,384,810; Sept. 18.

Calleson, Edgar A.: *See*—
Calleson, Amos and E. A.

Callis, Geoffrey T.: *See*—
Murphy, A. J., and Callis.

Callite Tungsten Corporation: *See*—
Kurtz, Jacob, assignor.
Kurtz, J., Waldie, and Spina, assignors.
Lowitt, Rudolf, assignor.

Calpat Corporation, The: *See*—
Bodine, Albert G., Jr., assignor.

Caltabiano, Robert, Bayside, Long Island, N. Y. Shoe and outsole therefor. 2,369,531; Feb. 13.

Calumet and Hecla Consolidated Copper Company: *See*—
Clifford, George E., assignor.
Hill, Walter P., assignor.

Calva, Jose B., St. Paul, Minn. Lubricating and penetrating oil. 2,389,608; Nov. 27.

Calva, Jose B., St. Paul, Minn. Hair treatment. 2,390,073; Dec. 4.

Calvert, Willard R., Burnham, and B. E. White, Lewistown, Pa., assignors to American Viscose Corporation, Wilmington, Del. Gas testing method and apparatus. 2,382,381; Aug. 14.

Calvert, William: *See*—
Mehline, E. O., and Calvert.

Calvin, Forrest O., Kansas City, Mo., W. G. Wilson, Merriam, Kans., and T. R. Smith, Newton, Iowa, assignors to Movie-Mite Corporation Kansas City, Mo. Film actuating mechanism. 2,377,756; June 5.

Calvin, Forrest O., Kansas City, Mo., W. G. Wilson, Merriam, Kans., and T. R. Smith, Newton, Iowa, assignors to Movie-Mite Corporation, Kansas City, Mo. Motion-picture apparatus. 2,384,597; Sept. 11.

Camalier, R. F., et al.: *See*—
Carruth, Donald D., assignor.

Cambridge Rubber Company: *See*—
Bingham, George H., Jr., assignor.

Camelford, James A.: *See*—
Burwell, A. W., and Camelford.

Camelford, James A., Cleveland, Ohio, assignor to Buckeye Laboratories Corporation. Sterilization of water for drinking purposes. 2,374,805; May 1.

Cameron, Alexander S., assignor to W. J. Cameron, Chicago, Ill. Foot visualizer. 2,382,131; Aug. 14.

Cameron, Allan M., River Forest, and V. Lelinski, assignors to Cameron Can Machinery Co., Chicago, Ill. Can testing machine. 2,387,743; Oct. 30.

Cameron Can Machinery Co.: *See*—
Cameron, A. M., and Lelinski, assignors.

Cameron, Daniel D., San Francisco, Calif. Newspaper vending machine. 2,366,592; Jan. 2.

Cameron, Daniel D., San Francisco, Calif. Newspaper vending machine. 2,382,959; Aug. 21.

Cameron, Donald H., Racine, Wis., assignor to B. D. Eisendrath Tanning Co., Chicago, Ill. Automatic recorder. 2,366,383; Jan. 2.

Cameron, Donald W.: *See*—
Cameron, Robert L., and D. W. Yerkovich, S., Sherman, and Cameron.

Cameron, Everett S., Tottenville, Staten Island, N. Y. Fuel injector system. 2,369,134; Feb. 13.

Cameron, Fred H., assignor to Aero Supply Mfg. Co., Inc., Corry, Pa. Drilling jig. 2,380,291; July 10.

Cameron, Harold M., Highland Park, N. J. Audible signal. 2,375,281; May 8.

Cameron Iron Works: *See*—
Allen, Herbert, assignor.

Cameron Iron Works, Inc.: *See*—
Allen, Herbert, assignor.

Cameron, James E.: *See*—
Van Buren, Charles J., assignor.

Cameron Machine Company: *See*—
Stocker, William M., assignor.

Cameron, William J.: *See*—
Cameron, Alexander S., assignor.
Sheiffele, Arthur L., assignor.

Cameron, William P., Washington, D. C. Clasp for envelopes and the like. 2,373,380; Apr. 10.

Cameron, Robert L., and D. W., Chino, Calif. Folding propeller. 2,369,276; Feb. 13.

Canfield, Emery L., St. Louis, Mo. Valve mechanism for steam engines. 2,373,537; Apr. 10.

Camilli, Guglielmo, Pittsfield, Mass., assignor to General Electric Company. Protective device. 2,369,015; Feb. 6.

Camilli, Guglielmo, Pittsfield, Mass., assignor to General Electric Company. Electric induction apparatus. 2,369,135; Feb. 13.

Camilli, Guglielmo, Pittsfield, Mass., assignor to General Electric Company. Electric induction apparatus. 2,382,857; Aug. 14.

Caminez, Harold, Williamsport, Pa., assignor to Aircraft Screw Products Company, Inc., Long Island City, N. Y. Forming wire coils. 2,371,674; Mar. 20.

Camloc Fastener Corporation: *See*—
Allen, R. W., assignor.
Barlow, William H., assignor.
Cannova, George, assignor.
Kane, David S., assignor.
Summers, J. Mills, assignor.

Canmack, Clifton C., Algonquin, Ill., assignor to Barlow & Seelig Manufacturing Company, Ripon, Wis. Wringer. 2,371,380; Mar. 13.

Canner, Hilding G., Ektorp, assignor to Aktiebolaget Atlas Diesel, Stockholm 1, Sweden. Meanes for controlling the fuel supply in two-stroke internal-combustion engines. 2,374,411; Apr. 24.

Canner, Hilding G., Ektorp, assignor to Aktiebolaget Atlas Diesel, Stockholm, Sweden. Fuel injecting means for internal-combustion engines. 2,380,148; July 10.

Camp, John F.: *See*—
Cuyler, R. H., and Goeth, assignors.

Campagnano, Leo, Rockaway Park, N. Y. Resilient tire and wheel provided therewith. 2,369,016; Feb. 6.

Campau, Lawrence M., Detroit, Mich. Watch and clock regulator. 2,380,292; July 10.

Campbell, A. S., Co., Inc.: *See*—
Davis, Hubert E., assignor.
Hill, Hillary L., assignor.

Campbell, Alvin A., Hackettstown, N. J. Window. 2,377,863; June 12.

Campbell, Alvin A., Hackettstown, N. J. Automatic loading machine. 2,388,250; Nov. 6.

Campbell, Alvin R., San Mateo, Calif. Hatch cover construction. 2,379,623; July 3.

Campbell, Anna L., Feasterville, Pa. Illuminated umbrella. 2,372,471; Mar. 27.

Campbell, Argyle, assignor to Enterprise Railway Equipment Company, Chicago, Ill. Multiservice ballast car. 2,373,538; Apr. 10.

Campbell, Argyle, assignor to Enterprise Railway Equipment Company, Chicago, Ill. Draft mechanism for railway cars. 2,390,496; Dec. 11.

Campbell, Claude M., Schenectady, N. Y., assignor to General Electric Company. Noise suppression circuits. 2,372,934; Apr. 3.

Campbell, David J.: *See*—
Hammond, E. B., and Campbell.

Campbell, Donald J., Spring Lake, Mich. Artillery bomb. 2,375,522; May 8.

Campbell, Donald L.: *See*—
Hillman, C. A., and Campbell.

Campbell, Donald L., Roselle Park, N. J., assignor to Standard Oil Development Company. Catalytic cracking. 2,386,032; Oct. 2.

Campbell, Donald L., Short Hills, and H. Z. Martin, Roselle, N. J., assignors to Standard Oil Development Company. Heat exchange in chemical processes. 2,371,381; Mar. 13.

Campbell, Edward D., Brunswick, Ga. Cooking utensil. 2,374,583; Apr. 24.

Campbell, Ernest F.: *See*—
Stanton, A. J., and Campbell.

Campbell, Erwin A.: *See*—
Woolslayer, H. J., Campbell, and Jenkins.

Campbell, Frank D., Chicago, Ill. Transmission for vehicles. 2,377,400; June 5.

Campbell, Frank L., and W. C. Fernelius, Columbus, Ohio. Insecticide compound and dispensing an insecticide. 2,381,257; Aug. 7.

Campbell, Frederick G., and E. L. Robinson, Apollo, Pa. Production of soft cold reduced steel. 2,377,922; June 12.

Campbell, George D., Tarentum, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Apparatus for refining glass. 2,384,073; Sept. 4.

Campbell, George D., Tarentum, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Construction for glass melting tanks. 2,387,880; Oct. 30.

Campbell, Harold C., and H. D. Thomas, Delaware, Ohio. Fowl-plucking apparatus or the like. 2,376,120; May 15.

Campbell, Harris S., Bryn Athyn, assignor to Autogiro Company of America, Philadelphia, Pa. Rotative wing aircraft. 2,375,465; May 8.

Campbell, Hugh P., Dallas, Tex. Metal bottom bag. 2,377,311; June 5.

Campbell, Ivan D., Kansas City, Kans. Internal-combustion engine. 2,372,472; Mar. 27.

Campbell, James R., Ontario, Calif., assignor to General Electric Company. Flatiron. 2,385,606; Sept. 25.

Campbell, James T., Detroit, Mich. Enlarging and reducing camera. 2,376,416; May 22.

Campbell, James T., Detroit, Mich. Plate whirler. 2,386,591; Oct. 9.

Campbell, James T., Detroit, Mich. Lithographic plate making apparatus. 2,390,497; Dec. 11.

Campbell, John R., Detroit, Mich. Hand grenade. 2,377,207; May 29.

Campbell, John G., Houston, and R. H. Fash, assignors to R. H. Fash, Trustee, Fort Worth, Tex. Petroleum exploration. 2,367,664; Jan. 23.

Campbell, John H., and J. O. Alcher, Cleveland Heights, Ohio, assignors to General Electric Company. Current-limiting control for electric discharge devices. 2,368,410; Jan. 30.

Campbell, John S., and W. Brown, Melbourne, and G. A. Douglas, Mount Brydges, Ontario, Canada. Egg grading machine. 2,381,035; Aug. 7.

Campbell, Julian A., Long Beach, Calif. Boiler feed water regulation. 2,376,029; May 15.

Campbell, Lee, Hackensack, N. J. Producing stringer tapes for slide fasteners. 2,380,939; Aug. 7.

Campbell, Leon W., Hendersonville, N. C. Picker. 2,387,384; Oct. 23.

Campbell, Lyman B., Waterbury, assignor to American Chain & Cable Company, Inc., Bridgeport, Conn. Machine for forming and welding chains. 2,371,280; Mar. 13.

Campbell, Lyman B., Waterbury, assignor to American Chain & Cable Company, Inc., Bridgeport, Conn. Link and chain forming mechanism. 2,372,473; Mar. 27.

Campbell, Mary A., et al.: *See*—
Prout, Arthur L., assignor.

Campbell, Paul J., South Glastonbury, Conn., assignor to United Aircraft Corporation, East Hartford, Conn. Exhaust nozzle. 2,372,058; Mar. 20.

Campbell, Phillip, Whittier, Calif. Apparatus for casting metals. 2,369,277; Feb. 13.

Campbell, Richard D., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Self-priming pump. 2,391,769; Dec. 25.

Campbell, Richard H., assignor to Webster Electric Company, Racine, Wis. Communication system. 2,377,672; June 5.

Campbell, Richard H., assignor to Webster Electric Company, Racine, Wis. Communication system. 2,390,203; Dec. 4.

Campbell, Richard L., Maywood, assignor to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Synchronizer for oscillators. 2,389,025; Nov. 13.

Campbell, Robert A., Ann Arbor, Mich. Bench back. 2,383,041; Aug. 21.

Campbell, Rodney B., North Hollywood, assignor to J. Eley, Jr., Los Angeles, Calif. Hydraulic brake system for motor vehicles. 2,375,750; May 15.

Campbell, Samuel J., assignor of one-half to Hudson Sharp Machine Company, Green Bay, Wis. Web rewinding machine. 2,366,999; Jan. 9.

Campbell Soup Company: *See*—
Souder, Philip W., assignor.

Campbell-Taggart Research Corporation: *See*—
Selman, R. W., Jr., and Myers, assignors.

Campbell, Thomas P., et al.: *See*—
Wright, Marcus G., assignor.

Campbell, Thomas P., Denver, Colo. Treatment of titaniferous ores. 2,366,177; Jan. 2.

Campbell, Vernon H., Polo, assignor of one-half to O. J. Adams, Kingston, Mo. Train order holder. 2,377,312; June 5.

Campbell, William P., Newark, assignor to Hercules Powder Company, Wilmington, Del. Producing hydroxylated dehydroabietic acid compounds. 2,367,000; Jan. 9.

Campbell, William P., Newark, assignor to Hercules Powder Company, Wilmington, Del. Producing amino derivitives of dehydroabietic acid compounds. 2,367,001; Jan. 9.

Campbell, William P., Newark, assignor to Hercules Powder Company, Wilmington, Del. Composition of matter and producing. 2,367,002; Jan. 9.

Campbell, William P., Newark, assignor to Hercules Powder Company, Wilmington, Del. Stabilizing rosin. 2,373,290; Apr. 10.

Campf, George L., Portland, Oreg. Collar and cuff starching machinery. 2,370,617; Mar. 6.

Campfens, Cornelis J., and H. Dalstra, Middelharnis, Netherlands; vested in the Alien Property Custodian. Device for expelling the contents of collapsible tubes. 2,379,475; July 3.

Campodonico, John J., Stockton, Calif. Multispeed gear transmission. 2,386,540; Oct. 9.

Campodonico, John J., Stockton, Calif. Multispeed gear transmission. 2,386,541; Oct. 9.

Campos, Ralph, Spreckles, Calif. Safety device. 2,377,070; May 29.

Camps, Edmund P., Brookline, Mass., assignor to Automatic Register Company, Hoboken, N. J. Pass system. 2,366,436; Jan. 2.

Camras, Marvin, assignor to Armour Research Foundation, Chicago, Ill. Magnetic recorder and drive therefor. 2,369,017; Feb. 6.

Camras, Marvin, assignor to Armour Research Foundation, Chicago, Ill. Constant speed drive for magnetic recorders. 2,372,810; Apr. 3.

Camras, Marvin, assignor to Armour Research Foundation, Chicago, Ill. Safety timing mechanism for magnetic recorders. 2,381,036; Aug. 7.

Camzi, Jules P., Geneva, Switzerland. Device for locking the platens of typewriters. 2,386,655; Oct. 9.

Canadian Bridge Company, The: *See*—
Davies, G. V., Parr, and Goodrich, assignors.

Canadian Radium & Uranium Corporation: *See*—
Goldstein, L., and Perrin, assignors.
Perrin, F., and Pregel, assignors.
Rosenblum, Solomon, assignor.

Canady, Buel H., Huntington Park, Calif., assignor of one-half to C. J. Wiley, Winslow, Ariz. Auxiliary spring mounting. 2,384,795; Sept. 18.

Canady, Don, Cleveland, assignor to Dayton Acme Co., Cincinnati, Ohio. Film feeding mechanism. 2,382,772; Aug. 14.

Canavan, Edward J., West Englewood, N. J., assignor, by mesne assignments, to Allied Chemical & Dye Corporation. Bituminous composition and making same. 2,386,592; Oct. 9.

Candee, Allan H., and L. O. Carlsen, assignors to Gleason Works, Rochester, N. Y. Machine for cutting gears. 2,385,330; Sept. 25.

Candor, Robert R., Oakwood, assignor to General Motors Corporation, Dayton, Ohio. Domestic appliance. 2,378,392; June 19.

Canetta, John, Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Electrostatic vapor condenser. 2,372,314; Mar. 27.

Canetta, John, and C. F. Hammer, Wilkinsburg, assignors to The Westinghouse Electric Air Brake Company, Wilmerding, Pa. Fluid pressure brake apparatus. 2,369,945; Feb. 20.

Cangelosé, Blanche Du B., Lowell, Mass. Combination undergarment. 2,391,770; Dec. 25.

Canister Company, The: *See*—
Di Cosmo, Pasquale V., assignor.

Cann, John A., Bickley, assignor to Turner & Newall Limited, Spotland, Rochdale, England. Curing asbestos-cement pipes. 2,377,480; June 5.

Canning, William P., assignor to American Optical Company, Southbridge, Mass. Lens chuck. 2,381,573; Aug. 7.

Cannon, Albert L.: *See*—
Markwart, E. H., and Cannon.

Cannon, Curtis W., Hartsdale, N. Y., assignor to Shell Development Company, San Francisco, Calif. Pulverulent materials-handling and storage system. 2,374,584; Apr. 24.

Cannon, Hugh H., Los Angeles, Calif. Crankcase oil purifier. 2,379,864; July 10.

Cannon, James R., assignor to Automatic Telephone & Electric Company Limited, Liverpool, England. Negative feedback amplifier. 2,380,923; Aug. 7.

Cannon, Jesse A., assignor of one-half to A. J. Witham, Jamestown, N. Dak. Spark arrester. 2,366,314; Jan. 2.

Cannon, Wayne D., Hohokus, and K. A. Browne, Ridgewood, N. J., assignors to Wright Aeronautical Corporation. Fuel priming and deicing means. 2,366,830; Jan. 9.

Cannova, George, Flushing, assignor to Camloc Fastener Corporation, New York, N. Y. Fastener assembly. 2,382,973; Aug. 21.

Cantelo, Herbert R., Writtle, Chelmsford, England, assignor to Radio Corporation of America. Frequency discriminator circuit. 2,374,729; May 1.

Cantin, Eugene J.: *See*—
Pumphrey, Walter H., assignor.

Canton Glass Company: *See*—
Shaw, Harry C., assignor.

Cantor, Sidney M., Riverside, Ill., assignor to Corn Products Refining Company, New York, N. Y. Production of dextrose. 2,389,119; Nov. 20.

Cantor, Sidney M., Riverside, Ill., assignor to Corn Products Refining Company, New York, N. Y. Production of alkyl glycosides. 2,390,507; Dec. 11.

Cantral, John I., assignor to Deere & Company, Moline, Ill. Hitch device. 2,381,258; Aug. 7.

Cantrell, H., T. Jackson, and W. Howarth, Spondon, near Derby, assignors to British Celanese Limited, London, England. Rope die. 2,366,593; Jan. 2.

Cantrell, Troy L.: *See*—
Smith, H. G., and Cantrell.
Smith, H. G., Cantrell, and Peters.

Cantrell, Troy L., Lansdowne, Pa., and J. G. Peters, Audubon, N. J., assignors to Gulf Oil Corporation, Pittsburgh, Pa. Manufacture of azo-methine compounds. 2,388,903; Nov. 13.

Cape, Arthur T., Santa Cruz, Calif., H. A. Brassert, Washington, Conn., and L. H. Thomas, Columbus, Ohio. Reduction of iron ores and enhancement of gases. 2,379,423; July 3.

Cape, Arthur T., Santa Cruz, Calif., and C. V. Foerster, and H. L. Griswold, Canton, Ohio, assignors to Coast Reduction, Inc., Watsonville, Calif. Method of and apparatus for direct reduction of iron ores. 2,382,395; Aug. 14.

Capen, Harold N.: *See*—
Alford, A., Segerstrom, and Capen.

Capewell, Eugene R., Moorestown, N. J. Tube flaring tool. 2,373,946; Apr. 17.

Capita, Emil R., Flushing, N. Y. Apparatus for applying flux and the like. 2,370,775; Mar. 6.

Capita, Emil R., Flushing, N. Y. Apparatus and method for applying solder. 2,390,498; Dec. 11.

Caplan, Soloman, New York, N. Y., assignor to Harvel Research Corporation. Treating asphalt. 2,383,769; Aug. 28.

Capossela, John C., North Tarrytown, N. Y. Wrist supporter. 2,369,210; Feb. 13.

Cappel, MacDonald and Company: *See*—
Donovan, Edward F., assignor.

Capstaff, John G., G. F. Nadeau, and C. B. Starch, assignors to Eastman Kodak Company, Rochester, N. Y. Photographic stripping film. 2,367,665; Jan. 23.

Capstaff, John G., and O. E. Miller, assignors to Eastman Kodak Company, Rochester, N. Y. Printer for lenticular color films. 2,382,604; Aug. 14.

Caraway, Robert: *See*—
Isenberg, R. A., and Pershing, King, Jr., Patton, and Caraway.

Caraway, William H., Sugar Land, Tex. Producing streamlined models. 2,382,974; Aug. 21.

Carbide and Carbon Chemicals Corporation: *See*—
Bayes, Alfred L., assignor.
Boese, Albert B., Jr., assignor.
Chitwood, Henry C., assignor.
Cook, Gerhard A., assignor.
Curme, George O., Jr., assignor.
Curme, G. O., Jr., Chitwood, and Clark, assignors.
Doolittle, Arthur K., assignor.
Freure, Benjamin T., assignor.
Jehle, Leon P., assignor.
Kiffer, Alfred D., assignor.
Law, G. H., nad Purse, assignors.
Maddock, Bruce H., assignor.
McNamee, R. W., and MacDowell, assignors.
Mills, Edward J., Jr., assignor.
Powell, G. M., III, and McKnight.
Quarles, R. W., and Doolittle, assignors.
Reeder, W. H., III, and Leeclsin, assignors.
Schuh, Charles, assignor.
Stoops, W. N., Staff, and Wakefield, assignors.
Toussaint, Walter J., assignor.
Toussaint, W. J., and MacDowell, assignors.
Wickert, J. N., and Freure, assignors.
Wilkes, B. G., and Denison, assignors.
Wilson, Alexander L., assignor.
Yngve, Victor, assignor.

Carbide and Chemicals Corporation: *See*—
Cogan, H. D., and Quarles, assignors.
Patton, Carl W., assignor.

Carboloy Company, Inc.: *See*—
Engle, Edgar W., assignor.

Carbonneau, Gordon S., Park Ridge, assignor to Utah Radio Products Company, Chicago, Ill. Tension control device. 2,388,121; Oct. 30.

Carborundum Company, The: *See*—
Ball, A. L., and Walker, assignors.
Baumann, H. N., Jr., and Benner, assignors.
Baumann, H. N., Jr., and Wooddell, assignors.
Baumgartner, Richard A., assignor.
Clapp, C. P., and Johnson, assignors.
Hediger, E., and Schildhauer, assignors.
Martin, H. C., and Upper, assignors.
Melton, Romie L., assignor.
Melton, R. L., and Thompson, assignors.

Carborundum Company, The: *See*—Continued
Patt, Leon A., assignor.
Roble, N. P., and Mahlman, assignors.
Scutt, Arthur G., assignor.
Sharpe, Donald B., assignor.
Smith, Robert L., assignor.
Tone, F. J., Mahlman, and Brown, assignors.
Upper, Frederick A., assignor.
Card, William C., Winthrop, assignor to Compo Shoe Machinery Corporation, Boston, Mass. Liquid applying machine. 2,371,424; Mar. 13.
Card, William C., Jr., Winthrop, assignor to Compo Shoe Machinery Corporation, Boston, Mass. Welt shoe press. 2,375,346; May 8.
Card, William C., Jr., Winthrop, assignor to Compo Shoe Machinery Corporation, Boston, Mass. Making shoes. 2,377,208; May 29.
Card, William C., Winthrop, assignor to Compo Shoe Machinery Corporation, Boston, Mass. Sole roughing machine. 2,388,384; Nov. 6.
Cardinal Products Inc.: *See*—
Schmitt, George P., assignor.
Cardona, Carlos J.: *See*—
Berns, Dan S., and Cardona.
Cardoza, Antone J., San Francisco, Calif. Cumulative sheet binder. 2,381,204; Aug. 7.
Cardozo, Peter S., Washington, D. C. Educational toy. 2,384,280; Sept. 4.
Carew, Herman, Easton, Pa., assignor to Dixie Cup Company, Paper container. 2,378,750; June 19.
Carew, Herman, assignor to Dixie Cup Company, Easton, Pa. Adjustable closed or sealed container. 2,383,290; Aug. 21.
Carey, Leroy J., Lakewood, assignor to The Marquette Metal Products Company, Cleveland, Ohio. Sealing unit. 2,368,744; Feb. 6.
Carey, Philip, Manufacturing Company, The: *See*—
Fasold, George A., assignor.
Fasold, G. A., and Greider, assignors.
Marc, Henri M., assignor.
Marc, H. M., and Greider, assignors.
Pfohl, A. J., and Wood, assignors.
Steffens, W. L., and Whitaker, assignors.
Whitaker, Laurence E., assignor.
Carey, Woodrow, Philipsburg, Mont. Hoist. 2,373,455; Apr. 10.
Cargill, Alexander, West Palm Beach, Fla. Air propelled vehicle. 2,388,307; Nov. 6.
Cargill, Incorporated: *See*—
Hirsch, Sabine, assignor.
Carkonen, Victor D., Seattle, Wash. Hot and cold water mixer. 2,367,482; Jan. 16.
Carl, Marvin H., Weldon Spring, Mo., assignor to Atlas Powder Company, Wilmington, Del. Top separation of nitrotoluene. 2,383,707; Aug. 28.
Carlberg, August E., assignor, by mesne assignments, to F. Allan Blomstrom, Worcester, Mass. Extensible hand tool. 2,382,291; Aug. 14.
Carlberg, Per A., C. G. Hård af Segerstad, and S. R. Ryhagen, Sandviken, Sweden. Treating a rollable material to produce sheets or bands having longitudinally decreasing or increasing thickness. 2,378,464; June 19.
Carleton, Henry, Washington, D. C. Thyratron inverter. 2,390,508; Dec. 11.
Carleton, Robert A., New York, N. Y. Treating glyceride oils of the unsaturated ester type. 2,367,666; Jan. 23.
Carlile, Amos B., Indianapolis, Ind. Educational test machine. 2,373,164; Apr. 10.
Carlile & Doughty, Incorporated: *See*—
Carlile, Frank S., assignor.
Carlile, Frank S., Abington, assignor to Carlile & Doughty, Incorporated, Conshohocken, Pa. Battery jar. 2,385,127; Sept. 18.
Carlile, Lee E., San Francisco, Calif. Relaxing bench. 2,382,542; Aug. 14.
Carlin, Alexander: *See*—
Lind, A. C., and Carlin.
Carlin, Robert T.: *See*—
Vasia, G. T., and Carlin.
Carlin, Theodore F.: *See*—
Merrill, G. L., Carlin, and Batorski.
Carlisle, Richard W., Greenburgh, N. Y. Eyeglasses. 2,390,825; Dec. 11.
Carlisle, William A., Sr.: *See*—
Goss, Worth C., assignor.
Carliss, Oswald S., Fairfield, assignor, by mesne assignments, to The Yale & Towne Manufacturing Company, Stamford, Conn. Play eliminative recording mechanism. 2,382,132; Aug. 14.
Carliss, Oswald S., Fairfield, assignor, by mesne assignments, to The Yale & Towne Manufacturing Company, Stamford, Conn. Multiple capacity weighing scale. 2,387,242; Oct. 23.
Carliss, Oswald S., and C. G. Roper, Fairfield, assignors, by mesne assignments, to The Yale & Towne Manufacturing Company, Stamford, Conn. Variable speed-and-direction operated pilot finder. 2,391,123; Dec. 18.
Carlsen, Leonard O.: *See*—
Candee, A. H., and Carlsen.
Carlsen, Leonard O., assignor to Gleason Works, Rochester, N. Y. Dressing mechanism. 2,378,980; June 26.
Carlsen, Leonard O., assignor to Gleason Works, Rochester, N. Y. Machine for producing gears. 2,385,331; Sept. 25.
Carlsmith, Leonard E., and H. J. Ogorzaly, Baton Rouge, La., assignors to Standard Oil Development Company. Reactivation of catalyst. 2,382,392; Aug. 14.
Carlson, Adolphe E., Glendale, assignor to Technicolor Motion Picture Corporation, Hollywood, Calif. Film exposing apparatus. 2,387,881; Oct. 30.
Carlson, Artie C., assignor to Bremacc Corporation, Detroit, Mich. Machine tool. 2,375,074; May 1.
Carlson, Bert G., Erieside, assignor to Jack & Heintz, Inc., Bedford, Ohio. Gyro caging device. 2,369,278; Feb. 13.
Carlson, Bert G., Erieside, assignor, by mesne assignments, to Jack & Heintz, Inc., Cleveland, Ohio. Riveting apparatus. 2,370,776; Mar. 6.
Carlson, Bert G., Erieside, assignor, by mesne assignments, to Jack & Heintz, Inc., Cleveland, Ohio. Blind rivet hand tool. 2,370,840; Mar. 6.
Carlson, Bert G., Erieside, assignor, by mesne assignments, to Jack & Heintz, Inc., Cleveland, Ohio. Directional gyro. 2,378,829; June 19.
Carlson, Bert G., Erieside, assignor to Jack & Heintz, Inc., Bedford, Ohio. Gyro wheel and driving same. 2,380,578; July 31.
Carlson, Bert G., Bellerose, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Homing auto pilot for aircraft. 2,372,184; Mar. 27.
Carlson, Bert G., Gates Mills, assignor, by mesne assignments, to Jack & Heintz, Inc., Cleveland, Ohio. Tow glider position indicator. 2,386,884; Oct. 16.
Carlson, Carl A., assignor to Norton Company, Worcester, Mass. Wire grinding machine. 2,383,927; Aug. 28.
Carlson, Chester A., Delavan, and W. R. Butler, Milwaukee, Wis.; said Butler assignor to Aluminum Company of America, Pittsburgh, Pa.; said Carlson assignor to George W. Borg Corporation, Delavan, Wis. Bearings for clocks, watches, and precision instruments. 2,369,338; Feb. 13.
Carlson, Chester F., New York, N. Y., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Spark plug electrode construction. 2,391,457; Dec. 25.
Carlson, Chester F. Jackson Heights, N. Y., and E. F. Holt and R. F. Huddleston, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Welding electrode holder. 2,374,979; May 1.
Carlson, Drexel T.: *See*—
Andaliklewicz, B. A., Hagstrom, and Carlson.
Carlson, Ellsworth E.: *See*—
Searles, H., Griffis, and Carlson.
Carlson, George C., Chicago, Ill. Savings bank. 2,389,716; Nov. 27.
Carlson, George W., assignor to Robert H. McClintic, Pittsburgh, Pa. Control valve for automatic type-writers. 2,267,714; Jan. 23.
Carlson, George W., assignor to Robert H. McClintic, Pittsburgh, Pa. Record driving mechanism for pneumatic actions. 2,377,323; June 5.
Carlson, George W., Bridgeville, assignor to Burrell Technical Supply Company, Pittsburgh, Pa. Manifold support for gas analysis apparatus. 2,391,390; Dec. 25.
Carlson, Gustaf H., Pearl River, and C. N. Hotchkiss, Spring Valley, assignors to Lederle Laboratories, Inc., New York, N. Y. Preparation of beta-alanine. 2,377,401; June 5.
Carlson, Gustaf H., and S. R. Safir, Pearl River, assignors to Lederle Laboratories, Inc., New York, N. Y. Preparation of calcium pantothenate. 2,390,499; Dec. 11.
Carlson, Gustave A., Detroit, Mich. Automatic abrading machine. 2,377,991; June 12.
Carlson, Gustave A., Detroit, Mich. Automatic turret grinding or polishing machine. 2,377,992; June 12.
Carlson, Harrison C., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Separating sulphur dioxide and chlorine by distillation. 2,381,876; Aug. 14.
Carlson, Harry: *See*—
Loveridge, G. T., and Carlson, assignors.
Saslaw, O., and Carlson.
Carlson, John W., assignor to Automatic Canteen Company of America, Chicago, Ill. Multiple magazine loading mechanism for cup dispensers. 2,371,150; Mar. 13.
Carlson, Lawrence, Bloomfield, N. J., assignor to Texaco Development Corporation, New York, N. Y. Treatment of hydrocarbon oils. 2,368,704; Feb. 6.
Carlson, Lawrence, Bloomfield, assignor to The Gray Processes Corporation, Jersey City, N. J. Revivifying catalytic material. 2,370,713; Mar. 6.
Carlson, Neal K., Mill Hall, Pa., assignor to The Sherwin-Williams Company, Cleveland, Ohio. Apparatus for applying coating material. 2,378,184; June 12.
Carlson, Phillip R.: *See*—
Clark, N. C., and Carlson.
Carlson, Ralph R., St. Paul, Minn. Meter testing instrument support. 2,390,640; Dec. 11.
Carlson, Raymond A., Rockford, assignor to Borg-Warner Corporation, Chicago, Ill. Friction clutch. 2,366,594; Jan. 2.
Carlson, Raymond A., Rockford, assignor to Borg-Warner Corporation, Chicago, Ill. Clutch. 2,391,124; Dec. 18.
Carlson, Roy W.: *See*—
Billner, K. P., and Carlson.
Carlson, Sigurd R.: *See*—
Van Patten, John W., assignor.
Carlson, Stanley H., Seattle, Wash., assignor, by mesne assignments, to Flex-Weld Corporation. Welder's hood. 2,386,656; Oct. 9.

Carlson, Sven R., Floral Park, N. Y. Turret lathe spindle center and stop. 2,376,344; May 22.
Carlson, Theodore E., Cumberland, Md., assignor to Celanese Corporation of America. Warping machine. 2,382,465; Aug. 14.
Carlson, Vernon E., Short Hills, assignor to Aircraft-Marine Products, Inc., Elizabeth, N. J. Electrical connector. 2,374,413; Apr. 24.
Carlson, Vernon E., Short Hills, assignor to Aircraft-Marine Products, Inc., Elizabeth, N. J. Electrical connector. 2,385,792; Oct. 2.
Carlson, Vernon E., assignor to Eureka Vacuum Cleaner Company, Detroit, Mich. Vacuum cleaner. 2,375,212; May 8.
Carlson, Vernon E., Cranford, assignor to Aircraft-Marine Products, Inc., Elizabeth, N. J. Tool for making electrical connections. 2,382,292; Aug. 14.
Carlson, Warner W.: *See*—
Stahly, G. L., and Carlson.
Carlson, Wendell L., Haddonfield, N. J., assignor to Radio Corporation of America. Antenna system. 2,368,286; Jan. 30.
Carlson, Wendell L., Haddon Heights, N. J., assignor to Radio Corporation of America. Variable permeability tuning device. 2,370,714; Mar. 6.
Carlson, William A.: *See*—
Keene, W. L., and Carlson.
Carlson, William A., assignor to Superior Steel Corporation, Pittsburgh, Pa. Bimetallic billet and preparation and rolling thereof. 2,386,091; Oct. 2.
Carlstein, Olof W., assignor to Aktiebolaget Aerotransport, Stockholm, Sweden. Apparatus for determining unbalance in rotors. 2,381,645; Aug. 7.
Carlstrom, Carl F., assignor to Worcester Stamped Metal Company, Worcester, Mass. Lock nut. 2,378,684; June 19.
Carlton, Clinton Arbie, assignor to J. M. Huber Corporation, Borger, Tex. Printing ink. 2,384,236; Sept. 4.
Carlton, Frank, Los Angeles, Calif. Antibackflow and antisiphonage valve. 2,389,412; Nov. 20.
Carlton, Frank, Los Angeles, Calif. Preventing backflow or back-siphonage in a pressure system. 2,389,413; Nov. 20.
Carlton, Henry D.: *See*—
Broome, J. C., and Carlton.
Carlton Machine Tool Company, The: *See*—
Keeling H., and Mummert, assignors.
Carlton, Richard P., St. Paul, Minn., assignor to Minnesota Mining & Manufacturing Company, Wilmington, Del. Manufacture of abrasives. 2,370,636; Mar. 6.
Carlton, Richard P., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Manufacture of abrasives. 2,376,342; May 22.
Carlton, Richard P., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Manufacture of abrasives. 2,376,343; May 22.
Carlton, Richard P., and T. J. Miller, assignors to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Coating, particularly for manufacture of abrasives. 2,371,605; Mar. 20.
Carlu, Anne N., New York, N. Y. Three-in-one garment. 2,382,396; Aug. 14.
Carman, Everett F., Rutherford, N. J., and W. Rell, assignors to Interchemical Corporation, New York, N. Y. Printing ink. 2,385,793; Oct. 2.
Carmichael, James B., Seattle, Wash. Railroad tie. 2,370,715; Mar. 6.
Carmichael, Ogden, assignor to I. F. Laucks, Inc., Seattle, Wash. Coating and preparing same. 2,375,195; May 8.
Carmody, Don R., Newton, Iowa, assignor to Standard Oil Company, Chicago, Ill. Knock-resistant motor fuel. 2,391,084; Dec. 18.
Carmody, Don R., Newton, Iowa, and B. H. Shoemaker, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Motor fuel synthesis. 2,384,796; Sept. 18.
Carmody, William H., Springfield, Ohio, assignor to Pennsylvania Industrial Chemical Corporation, Clairton, Pa. Terpene resins. 2,391,293; Dec. 18.
Carnaghan, Edwin D. and F., Los Angeles, Calif. Balanced rudder. 2,369,279; Feb. 13.
Carnaghan, Frank: *See*—
Carnaghan, Edwin D. and F.
Carnagua, Harold E., and D. W. Kelbel, Muncie, Ind., assignors to Borg-Warner Corporation, Chicago, Ill. Control mechanism for transmissions. 2,368,801; Feb. 6.
Carnagua, Harold E., and K. K. Stough, Muncie, Ind., assignors to Borg-Warner Corporation, Chicago, Ill. Transmission. 2,384,439; Sept. 11.
Carnahan, Chalon W., Oak Park, Ill., assignor to Sylvania Electric Products Inc. Light polarizing screen and manufacture. 2,385,687; Sept. 25.
Carnation Company: *See*—
Hankinson, Cloyce L., assignor.
Carnegie-Illinois Steel Corporation: *See*—
Blough, Carl M., assignor.
Brown, William D., assignor.
Buccicone, Dario, assignor.
Collins, Tappan, assignor.
Deans, Robert S., assignor.
Dubsky, John R., assignor.
Egge, Klaus, assignor.
Foss, Ferdinand H., assignor.
Carnegie-Illinois Steel Corporation: *See*—Continued
Gat, John D., assignor.
Greulich, Gerald G., assignor.
Hedges, Don F., assignor.
Hodge, John M., assignor.
Swanson, Albert N., assignor.
Swartz, Frank C., assignor.
Weir, Frank, assignor.
Wells, J. H., and Wilson, assignors.
Wyche, Ernest H., assignor.
Zahutnik, Walter A., assignor.
Carnegie-Illinois Steel Corporation, et al.: *See*—
Grossman, M. A., and Miller, assignors.
Carnes, F. G. and W. D., Au Sable Forks, N. Y. Power saw. 2,383,447; Aug. 28.
Carnes, Wilfred D.: *See*—
Carnes, F. G. and W. D
Carney, Clifford R., Dearborn, assignor to General Motors Corporation, Detroit, Mich. Ice tray. 2,369,532; Feb. 13.
Carney, Samuel C., Bartlesville, Okla., assignor to Phillips Petroleum Company. Apparatus for pelleting carbon black. 2,368,112; Jan. 30.
Carney, Samuel C., Bartlesville, Okla., assignor to Phillips Petroleum Company. Lubricating and sealing compound. 2,374,850; May 1.
Carney, Samuel C., Bartlesville, Okla., assignor to Phillips Petroleum Company. Isomerization process. 2,378,685; June 19.
Caro, Martin, and G. Lambet, Brussels, Belgium; vested in the Alien Property Custodian. Racquet stringing machine. 2,389,609; Nov. 27.
Carol, James E., Los Angeles, assignor of forty-six and two-thirds per cent to C. B. Jamison, thirty-three and one-third per cent to C. Mason, and twenty per cent to A. E. Wright, Beverly Hills, Calif. Propeller. 2,380,683; July 31.
Carol, Marius, Nay, Basses-Pyrenees, France; vested in the Alien Property Custodian. Rural stove. 2,375,466; May 8.
Caron, Joseph V., Haverhill, Mass. Making heat interchange apparatus. 2,391,615; Dec. 25.
Caron, Louis G., Washington, D. C. Artificial limb. 2,390,919; Dec. 11.
Caron, Louis G., Washington, D. C. Ankle joint. 2,390,920; Dec. 11.
Carpenter, Arley D.: *See*—
Slater, C. A., Carpenter, and Shaw.
Carpenter, Arley D., and E. R. Shaw, Los Angeles, Calif. Hanger. 2,384,158; Sept. 4.
Carpenter, Charles G., Grank Forks, N. Dak. Stretcher. 2,367,167; Jan. 9.
Carpenter, Charles H., Kansas City, Mo. Commodity conveying apparatus. 2,391,125; Dec. 18.
Carpenter Container Corporation: *See*—
Carpenter, Herbert L., assignor.
Carpenter, Erwin L., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparing aliphatic oxyamines. 2,372,624; Mar. 27.
Carpenter, Erwin L., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Purification of acrylonitrile. 2,382,383; Aug. 14.
Carpenter, Frank T., Dearborn, Mich., assignor to Phillips Petroleum Company. Production of synthetic rubber. 2,386,931; Oct. 16.
Carpenter, Fred A., assignor to Berkeley Pump Company, Berkeley, Calif. Self-priming pumping system. 2,380,924; Aug. 7.
Carpenter, Gilbert A., Riverside, Calif. Apparatus for mounting foundations. 2,383,708; Aug. 28.
Carpenter, Herbert L., assignor to Carpenter Container Corporation, Brooklyn, N. Y. Container. 2,382,858; Aug. 14.
Carpenter, Marion S., Nutley, N. J., assignor to Burton T. Bush, Inc., New York, N. Y. 1-methoxy-2-amino-4-nitro-5-methyl-benzene and making the same. 2,381,877; Aug. 14.
Carpenter, Morris T.: *See*—
Kubicek, N. F., and Carpenter.
Carpenter, Morris T., Chicago, Ill., and C. F. Feuchter, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Olefin polymerization process. 2,374,272; Apr. 24.
Carpenter Steel Company, The: *See*—
Post, C. B., and Fetzer, assignors.
Carpenter, Victor W., Franklin, and S. A. Bell and J. E. Heck, assignors to The American Rolling Mill Company, Middletown, Ohio. Production of silicon steel sheet stock having insulative surfaces. 2,385,332; Sept. 25.
Carpentier, Melbourne L.: *See*—
Slack, F. W., and Carpentier.
Carr, Charles E.: *See*—
Bayer, C. E., and Carr.
Carr, Charles M., assignor to R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Chuck handling device. 2,369,280; Feb. 13.
Carr, Clifford E., Carneys Point, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing nitro B_{12}: B_{12}-1'-dibenzanthronyls. 2,374,328; Apr. 24.
Carr, Donald E., assignor to Union Oil Company of California, Los Angeles, Calif. Oxidizing asphalt. 2,370,007; Feb. 20.

Carr, Edward L.: *See*—
Smith, G. E. P., Jr., and Carr.

Carr, Edward L., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Vulcanization accelerator. 2,381,384; Aug. 7.

Carr, James A., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Hanger device. 2,384,440; Sept. 11.

Carr, John J., assignor to The Risdon Manufacturing Company, Naugatuck, Conn. Pin-handling machine. 2,369,660; Feb. 20.

Carr, Joseph V., and T. B. Clarke, Leicester, England, assignors to United Shoe Machinery Corporation, Borough of Flemington, N. J. Heel attaching machine. 2,391,543; Dec. 25.

Carr, Thomas D., Perryman, Md. Electronic control circuit. 2,369,659; Feb. 20.

Carr, Walter E., Spokane, Wash., assignor to Ingersoll-Rand Company, New York, N. Y. Valve for rock drills. 2,369,714; Feb. 20.

Carraine Frank J.: *See*—
Whittell, P., and Carraine.

Carrier Corporation: *See*—
Carrier, Willis H., assignor.

Carrier, Robert M., Jr., Aurora, Ill. Method of and apparatus for conveying. 2,374,663; May 1.

Carrier, Robert M., Jr., Aurora, Ill. Conveying and processing apparatus. 2,374,664; May 1.

Carrier, Willis H., assignor to Carrier Corporation, Syracuse, N. Y. Valve arrangement. Re. 22,685; Oct. 30.

Carrier, Willis H., assignor to Carrier Corporation, Syracuse, N. Y. Dehumidification methods and means. 2,386,292; Oct. 9.

Carroll, Burt H., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic material. 2,384,598; Sept. 11.

Carroll, Burt H., and J. Spence, assignors to Eastman Kodak Company, Rochester, N. Y. Sensitized photographic emulsion. 2,373,859; Apr. 17.

Carroll, Burt H., and J. Spence, assignors to Eastman Kodak Company, Rochester, N. Y. Photographic emulsion. 2,380,940; Aug. 7.

Carroll, Charles V., assignor to Wm. Bros. Boiler & Manufacturing Co., Minneapolis, Minn. Shaker grate construction. 2,377,209; May 29.

Carroll, Charles V., assignor to Wm. Bros. Boiler & Manufacturing Co., Minneapolis, Minn. Furnace construction. 2,377,210; May 29.

Carroll, Dottie: *See*—
Thaxton, Green O., assignor.

Carroll, G. A., Glendale, assignor to Lockheed Aircraft Corporation, Burbank, Calif. Device for eliminating backlash. 2,385,194; Sept. 18.

Carroll, Guy B., Minneapolis, Minn. Airplane aileron control. 2,381,721; Aug. 7.

Carroll, Louis W., assignor to International Standard Electric Corporation, New York, N. Y. Magnetically biased telephone ringer. 2,380,293; July 10.

Carroll, P. E.: *See*—
Frank, William E., assignor.

Carroll, William M.: *See*—
Spurlino, P., Carroll, Colley, and Kibler.

Carruth, Donald D., Washington, D. C., assignor of one-half to E. F. Puryear, Silver Spring Md., and J. S. Wynne and R. F. Camalier, Washington, D. C. Running light for airplanes. 2,375,075; May 1.

Carruth, Herman A.: *See*—
Williamson, M. I., and Carruth.

Carruth, Herman A., Northford, Conn., and M. I. Williamson, New York, N. Y., assignors to National Folding Box Company, New Haven, Conn. Hinged cover container. 2,369,385; Feb. 13.

Carruth, Herman A., Northford, Conn., and M. I. Williamson, New York, N. Y., assignors to National Folding Box Company, New Haven, Conn. Hinged cover container. 2,369,388; Feb. 13.

Carruth, Herman A., Northford, Conn., and M. I. Williamson, New York, N. Y., assignors to National Folding Box Company, New Haven, Conn. Hinged cover container. 2,369,390; Feb. 13.

Carruthers, Earl R., Hamilton, Mont. Dual wheel and tire lift. 2,380,415; July 31.

Carson, Arthur, and I. Payne, Richmond, Va., assignors to American Telephone and Telegraph Company. Electrical measuring system. 2,383,770; Aug. 28.

Carson, Boyce G.: *See*—
Kvalnes, D. E., and Carson.

Carson, Clarence M.: *See*—
Thies, H. R., and Carson.

Carson, Clarence M., Cuyahoga Falls, assignor to Wingfoot Corporation, Akron, Ohio. Cyclized rubbers. 2,371,736; Mar. 20.

Carson, Clarence M., Cuyahoga Falls, assignor to Wingfoot Corporation, Akron, Ohio. Stabilizers. 2,371,737; Mar. 20.

Carson, Clarence M., Cuyahoga Falls, assignor to Wingfoot Corporation, Akron, Ohio. Producing a coating composition. 2,390,422; Dec. 4.

Carson, Howard, Dayton, Ohio, assignor to Research Corporation, New York, N. Y. Vibration pickup. 2,387,223; Oct. 16.

Carson, Paul A., Pittsburgh, Pa., assignor to General Electric Company. Lamp changer. 2,367,003; Jan. 9.

Carson, William F., Jr., Brunswick, Ga., assignor to Hercules Powder Company, Wilmington, Del. Preparation of camphene from pinene. 2,382,397; Aug. 14.

Carssow, John F., Los Angeles, assignor to Sam M. Jarvis, Glendale, Ferris I. Palmer, Burbank, and R. Fetschke, Glendale, Calif. Carburetor ice warning gauge. 2,382,365; Aug. 14.

Carstarphen, William P., Denver, Colo., assignor of one-third to L. Willis, South Bend, Ind., and one-third to O. Daniels, Denver, Colo. Amplifying transmitter. 2,386,657; Oct. 9.

Carstens, Fritz A., assignor to A. O. Smith Corporation, Milwaukee, Wis. Electric welded crankshaft. 2,378,686; June 19.

Carswell, Thomas S., Longmeadow, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Stabilization of resin compositions. 2,378,619; June 19.

Carter, Albert S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of dichlorobutenes by the chlorination of butadiene. 2,369,117; Feb. 13.

Carter, Albert S., and F. W. Johnson, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of chlorobutadienes from butane. 2,381,037; Aug. 7.

Carter, Albert S., and A. V. Willett, Jr., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Separation process. 2,381,038; Aug. 7.

Carter, Albert S., Wilmington, Del., and T. G. Webber, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Coagulating neoprene dispersions by means of magnesium salts. 2,385,688; Sept. 25.

Carter, Alfred M., Galion, Ohio, assignor to Carter Machine Company, Ltd. Apparatus for lifting and transferring materials. 2,391,224; Dec. 18.

Carter, Alfred W.: *See*—
Winteringham, David F., assignor.

Carter Carburetor Corporation: *See*—
Beuer, Frederick G., assignor.
Brown, Morris C., assignor.
Coffey, Irven E., assignor.
Ericson, George R., assignor.
Hodges, Ralph R., assignor.
Korte, A. C., and Lannert, assignors.
Martin, Charles L., assignor.
Schneider, Edgar R., assignor.
Taylor, Eugene C., assignor.
Wassman, August H., assignor.
Weakley, John F., assignor.
Woods, Herbert A., assignor.

Carter, Charles W., Jr., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone transmission system and apparatus therefor. 2,390,869; Dec. 11.

Carter, Clinton W., Allison Park, Pa. Making liquid extracts. 2,368,113; Jan. 30.

Carter, Clyde C., Dallas, assignor of twenty-five per cent to C. T. Stewart, Baytown, Tex. Activator for wells. 2,386,593; Oct. 9.

Carter, Florence: *See*—
Carter, Frank C., assignor.

Carter, Frank C., San Jose, assignor to F. Carter, Willits, Calif. Tone chamber. 2,368,639; Feb. 6.

Carter, Fred, Tampa, Fla. Two-cycle engine. 2,381,646; Aug. 7.

Carter, George, et al.: *See*—
Bryant, James, assignor.

Carter, George I., Longmeadow, assignor to Harvey-Whipple, Incorporated, Springfield, Mass. Boiler. 2,370,145; Feb. 27.

Carter, George I., Teaneck, assignor to General Oil Heating Corporation, West New York, N. J. Oil-burner construction. 2,390,509; Dec. 11.

Carter, Hobart E., Monahans, assignor of one-third to S. T. Carter, Penwell, and one-third to M. A. Russow, El Paso, Tex. Filter. 2,388,668; Nov. 13.

Carter, Jack W., Winter Haven, Fla., assignor to Fulton Bag and Cotton Mills, Atlanta, Ga. Bag closure. 2,390,423; Dec. 4.

Carter, Joseph M., Baltimore, Md. Welding apparatus. 2,370,716; Mar. 6.

Carter, Latt J., Kannapolis, N. C., assignor to Graton & Knight Company, Worcester, Mass. Checkstrap. 2,371,025; Mar. 6.

Carter, Lavoy, Houston, and J. T. Barrow, San Antonio, Tex.; said Carter assignor to said Barrow. Apparatus for refining crude petroleum. 2,379,563; July 3.

Carter, Leslie F.: *See*—
Braddon, F. D., and Carter.

Carter, Leslie F., Leonia, N. J., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Flight indicator for aircraft. 2,367,667; Jan. 23.

Carter, Leslie F., Leonia, N. J., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Erection device for gyro verticals. 2,380,941; Aug. 7.

Carter, Leslie F., Leonia, N. J., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Trim angle indicator. 2,384,452; Sept. 11.

Carter, Leslie F., Leonia, N. J., and F. D. Braddon, Babylon, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Directional gyro. 2,366,707; Jan. 9.

Carter Machine Company, Ltd.: *See*—
Carter, Alfred M., assignor.

Carter, Mamie, et al.: *See*—
Bryant, James, assignor.

Carter, Mitchell, Trenton, N. J., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Article forming method. 2,367,819; Jan. 23.

Carter, Mitchell, Trenton, N. J., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Manufacture of sponge rubber. 2,381,380; Aug. 7.

Carter, Otis L., and T. A. Putnam, Greenville, S. C. Plastic picker stick. 2,389,595; Nov. 27.

Carter, Philip M.: *See*—
Durham, H. N., and Carter.

Carter, Ralph B., Company: *See*—
Carter, Ralph B., Jr., assignor.

Carter, Ralph B., Jr., West Englewood, assignor to Ralph B. Carter Company, Hackensack, N. J. Apparatus for effecting clarification of turbulent liquid by flocculation. 2,382,605; Aug. 14.

Carter, Ray E., assignor to Unit Rig & Equipment Company, Tulsa, Okla. Double port rotary seal. 2,384,281; Sept. 4.

Carter, Robert J. S., Minneapolis, Minn., assignor to Pillsbury Mills, Inc. Impacting machine. 2,378,393; June 19.

Carter, Rolla N., assignor to Eastman Kodak Company, Rochester, N. Y. Lens system. 2,380,216; July 10.

Carter, Samuel C., Los Angeles, Calif. Vehicle. 2,384,441; Sept. 11.

Carter, Samuel C., Los Angeles, Calif. Plug valve. 2,388,827; Nov. 13.

Carter, Samuel C., Los Angeles, Calif. Valve. 2,391,120; Dec. 18.

Carter, Samuel T., et al.: *See*—
Carter, Hobart E., assignor.

Carter, William and G. Winchell, Chicago, Ill. Filter. 2,386,433; Oct. 9.

Carter, William D.: *See*—
Hilshon, P. D., Carter, Ravn, and Borchers.

Carter, William W., Kansas City, Mo. Hydraulic brake. 2,371,503; Mar. 18.

Cartledge, William J., Shively, Ky., assignor of one-third to L. C. Du Pont, Wilmington, Del. Woodworking machine. 2,366,831; Jan. 9.

Cartlidge, Frank, assignor to Goodman Manufacturing Company, Chicago, Ill. Material handling vehicle. 2,368,114; Jan. 30.

Cartlidge, Frank, assignor to Goodman Manufacturing Company, Chicago, Ill. Gathering and loading machine. 2,381,108; Aug. 7.

Cartlidge, Frank, assignor to Goodman Manufacturing Company, Chicago, Ill. Gathering and loading machine. 2,381,109; Aug. 7.

Cartlidge, Frank, assignor to Goodman Manufacturing Company, Chicago, Ill. Material gathering and loading machine. 2,388,385; Nov. 6.

Carton Coolers, Inc.: *See*—
Burdette, Jean R., assignor.

Cartter, William G., and F. E. Wood, Monrovia, Calif. Radiant mantle. 2,368,802; Feb. 6.

Cartwright, Leonard C., New York, assignor to Foster D. Snell, Inc., Brooklyn, N. Y. Polishing composition. 2,374,414; Apr. 24.

Caruso, Cosmo, Brooklyn, and D. Rich, Bronx, N. Y. Tufted and knotted material. 2,366,437; Jan. 2.

Caruso, Vincent, Beltsville, Md., assignor of one-half to A. Murdock, Beaver, Utah. Draftsman's triangle. 2,368,344; Jan. 30.

Caruthers, Jacob S., Rand, W. Va. Bearing guard. 2,383,531; Aug. 28.

Carver, Emmett K., assignor to Eastman Kodak Company, Rochester, N. Y. Antihalation coatings. 2,391,127; Dec. 18.

Carver, Fred S., Short Hills, N. J. Charging presses. 2,373,539; Apr. 10.

Carver, Fred S., Short Hills, N. J. Tamperproof identification card and methods of making the same. 2,373,540; Apr. 10.

Carver, Fred S., Short Hills, N. J. Hydraulic device. 2,379,949; July 10.

Cary, Arthur P., Gainesville, Tex. Piston. 2,367,185; Jan. 16.

Cary, Henry H., South Pasadena, and W. P. Baxter, Pasadena, assignors to National Technical Laboratories, South Pasadena, Calif. Glass electrode and method. 2,366,489; Jan. 2.

Cary, Henry H., South Pasadena, and W. P. Baxter, Pasadena, assignors to National Technical Laboratories, South Pasadena, Calif. Glass electrode and method. 2,383,709; Aug. 28.

Cary, William M.: *See*—
Heywood, V. E., and Cary.

Casablancas High Draft Company Limited: *See*—
Noguera, Joseph, assignor.

Cascante, Hector: *See*—
Trejo, M., and Cascante.

Casco Products Corporation: *See*—
Bahr, Gustave F., assignor.
Conboy, Russell D., assignor.

Case, A. T., Company: *See*—
Lindsey, E. E., assignor.

Case, Bernard C., Detroit, Mich., assignor to Hanson-Van Winkle-Munning Company, Matawan, N. J. Buffing and polishing wheel. 2,384,599; Sept. 11.

Case, Frank P.: *See*—
Monk, G. S., and Case.

Case, J. I., Company: *See*—
Cox, H. G., and Slick, assignors.
Cross, Edgar A., assignor.
Heth, Sherman C., assignor.
Krause, N. R., and Heth, assignors.
Markel, John M., assignor.
Russell, Stanley D., assignor.
Rutter, Alvah E., assignor.
Schill, B. J., and Traphagen, assignors.
Traphagen, Harry R., assignor.

Case, Willard M., Shelter Island Heights, N. Y. Speed reduction gear mechanism. 2,376,900; May 29.

Casella, Secondo L., assignor to Morey Machinery Co., Inc., New York, N. Y. Automatic tool block. 2,390,989; Dec. 18.

Casement Hardware Company, The: *See*—
Andresen, W. A., and Boero, assignors.

Caserta, Michele, Detroit, Mich., assignor to Thompson Products, Inc. Relief and by-pass valve assembly. 2,375,076; May 1.

Caserta, Michele, Detroit, Mich., assignor to Thompson Products, Inc., Cleveland, Ohio. By-pass valve. 2,375,077; May 1.

Casey, Robert T., Forestville, Conn., assignor to International Business Machines Corporation, New York, N. Y. Printing machine. 2,369,433; Feb. 13.

Casey, Terrance B., Ashland, Ky. Closure for vessels. 2,387,978; Oct. 30.

Cash, A. W., Company: *See*—
Klinker, John J., assignor.
Temple, Paul C., assignor.
Terry, Charles M., assignor.

Cashman, Aloysius F.: *See*—
Lieber, E., and Cashman.

Cashon, Raymond C., Indianapolis, Ind. Line of type universal surfacing machine. 2,367,198; Jan. 16.

Casler, Francis D., Massena, N. Y. Light screening eye protection. 2,377,313; June 5.

Casmire, Lyle J., assignor to Margaret D. Schirm, Los Angeles, Calif. Vermiculite bonded product and making the same. 2,366,769; Jan. 9.

Casnati, Lola A., New York, N. Y. Folding container. 2,368,803; Feb. 6.

Casnati, Lola A., New York, N. Y. Sanitary holder for small articles. 2,373,651; Apr. 17.

Caspersz, Maurus L. B. J., Maradana, Colombo, Ceylon. Apparatus for producing radiographs. 2,386,658; Oct. 9.

Cass, N. D., Co., The: *See*—
Haselton, Kenneth E., assignor.

Cass, Oliver W., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chlorinated phenylene diacetic acids. 2,370,394; Feb. 27.

Cass, Oliver W., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of unsaturated halogenated compounds. 2,374,923; May 1.

Cass, Oliver W., and C. A. Bordner, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of benzoin. 2,372,709; Apr. 3.

Cass, Oliver W., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of unsaturated halogen-containing compounds. 2,379,414; July 3.

Cassel, Norman S., Ridgewood, N. J., assignor to Interchemical Corporation, New York, N. Y. Textile printing paste. 2,376,319; May 15.

Cassel, Norman S., Ridgewood, N. J., assignor to Interchemical Corporation, New York, N. Y. Textile printing pastes and textiles produced therefrom. 2,381,878; Aug. 14.

Casselman, Harold L.: *See*—
Ginn, E., and Casselman.

Casson, Nicholas V., New York, N. Y. Ecclesiastical equipment. 2,385,607; Sept. 25.

Castagna, James, New York, N. Y. Curtain and drapery rod. 2,385,608; Sept. 25.

Castaloy Corporation: *See*—
Groehn, Harvey G., assignor.

Castedello, William: *See*—
Schwartz, H., and Castedello.
Schwartz, M., and Castedello.

Castellan, Carl A., assignor to American Viscose Corporation, Wilmington, Del. Textile and making same. 2,389,120; Nov. 20.

Castilonia, Albert T., Yonkers, N. Y. Venetian blind. 2,389,956; Nov. 27.

Castings Patent Corporation: *See*—
Hagemeyer, Henry F., assignor.

Castle, Boyd F., assignor to The Quincy Stove Manufacturing Company, Quincy, Ill. Oil burner. 2,389,892; Nov. 27.

Castle, Boyd F., and W. W. Wodell, assignors to The Quincy Stove Manufacturing Company, Quincy, Ill. Oil burner. 2,375,347; May 8.

Castner, James B., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Nitration process. 2,385,128; Sept. 18.

Castner, James B., Wilmington, Del., and W. E. Lawson, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Reduction of nitro compounds to amines by means of aliphatic hydrocarbons. 2,377,071; May 29.
Castor, Wilbur W., Mount Lebanon, Pa. Flake for decorative and protective coatings. 2,387,243; Oct. 23.
Castro, John, New York, N. Y. Plaster cast remover. 2,374,164; Apr. 24.
Cate, Paul H., New York, N. Y., assignor to Kelco Company, San Diego, Calif. Glassine paper. 2,387,429; Oct. 23.
Caterpillar Tractor Co.: *See*—
Bridwell, J. W., and Jass, assignors.
Eberhard, Harmon S., assignor.
Eberhard, H. S., and Lewis, assignors.
Cates, Joseph S., South Bend, Ind., assignor to United States Rubber Company, New York, N. Y. Container. 2,378,128; June 12.
Catlin, De Forest B., Wareham, Mass. Apparatus for treatment of the feet. 2,374,730; May 1.
Catlow, William R., Jr., Bloomfield, N. J., assignor to Bakelite Corporation, New York, N. Y. Complex resinous esters. 2,381,969; Aug. 14.
Cato, Artie Q., Houston, G. Wash, Goose Creek, and A. J. Shmidl, Houston, Tex., assignors to Standard Oil Development Company, Treating and blending heating oils. 2,380,294; July 10.
Catron, Russell M., assignor to Western Cartridge Company, New Haven, Conn. Antirecoil device for firearms. 2,372,315; Mar. 27.
Catt, Otto L., Oakland, Calif. Scissors and shears sharpener. 2,388,039; Oct. 30.
Cattaraugus Cutlery Company: *See*—
Champlin, J. B. F., and Banton, assignors.
Cattell, Albert R.: *See*—
Hamilton, L. A., Moran, and Cattell.
Cattonar, John, Jamaica, and G. Olm, Astoria, Long Island, assignors to Edward Ermold Co., New York, N. Y. Bottle packaging machine. 2,371,026; Mar. 6.
Cattonar, John, Jamaica, and G. Olm, Astoria, Long Island, assignors to Edward Ermold Co., New York, N. Y. Bottle packaging machine. 2,371,027; Mar. 6.
Cautley, Robert A., assignor to University of New Hampshire, Durham, N. H. Molding powder and making same. 2,381,205; Aug. 7.
Cauley, Stephen P., Jackson Heights, and V. L. Shipp, assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Recovery of phenolic materials. 2,391,128; Dec. 18.
Caulk, John R., Jr., Ladue, and R. E. Davis, St. Louis, Mo., assignors, by mesne assignments, to C. V. Hill & Company, Inc., Trenton, N. J. Open refrigerated display case. 2,382,937; Aug. 14.
Caulkins, Cecil P., New London, Conn. Projectile. 2,375,893; May 15.
Caulkins, Cecil P., New London, Conn. Depth charge projector. 2,380,023; July 10.
Causer, Herbert W., Weymouth, assignor to Factory Mutual Research Corporation, Boston, Mass. Fog producing device. 2,391,616; Dec. 25.
Cauwenberg, Winfred J., Piney River, and C. A. Tanner, Jr., Amherst, Va., assignors, by mesne assignments, to American Cyanamid Company. Preparing titanium dioxide. 2,389,026; Nov. 13.
Cavallero, Luis J.: *See*—
Jadraque, J. M., and Cavallero, assignors.
Ziegler, M., Visscher, and Cavallero.
Cavallito, Chester J., Rensselaer, N. Y., assignor to Wingfoot Corporation, Akron, Ohio. Packaging. 2,385,257; Sept. 18.
Cavanagh, Gerald F., Euclid, Ohio. Protecting pad for automobile fenders. 2,368,200; Jan. 30.
Cavanaugh, Robert M.: *See*—
Acken, M. F., and Cavanaugh.
Cave, Henry, Hartford, A. H. Fuller, West Hartford, and A. L. Le Febvre, Windsor, assignors to The Fuller Brush Company, Hartford, Conn. Toothbrush tufting machine. 2,374,415; Apr. 24.
Cavert, Edward N., North Hollywood, Calif. Revolving reflector. 2,383,042; Aug. 21.
Cavicchioli, Mario, New York, N. Y. Coffee-making apparatus. 2,366,384; Jan. 2.
Cavicchioli, Mario, New York, N. Y. Safety valve. 2,369,018; Feb. 6.
Cawein, Madison, Fort Wayne, Ind., assignor to Farnsworth Television and Radio Corporation. Unidirectional power supply. 2,373,165; Apr. 10.
Cawley, Aloysius J., Pittston, Pa. Road engaging means for automobiles or the like. 2,377,923; June 12.
Cawley, John D., assignor to Distillation Products, Inc., Rochester, N. Y. Preparation of vitamin E or tocopherols. 2,375,078; May 1.
Cecil Steel Products Corporation: *See*—
Ochiltree, Ned A., assignor.
Cederlund, Albert, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Thread remover for weft replenishing looms. 2,376,229; May 15.
Cederwall, Leonard O., New Orleans, La., assignor to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Locking mechanism for doors. 2,375,196; May 8.
Cefoil Limited: *See*—
Speakman, John B., assignor.
Celanese Corporation of America: *See*—
Andersen, B., and Schweiser, assignors.
Andersen, B., and Straadin, assignors.
Bludworth, Joseph E., assignor.
Bludworth, J. E., and Flower, assignors.
Bludworth, J. E., and Jeffries, assignors.
Burns, Robert, assignor.
Carlson, Theodore E., assignor.
Croft, C. M., and Hindle, assignors.
Dreyfus, Henry, assignor.
Dreyfus, H., Finlayson, and Taylor, assignors.
Elvin, W. J., and Steidling, assignors.
Finlayson, D., and Hale, assignors.
Gibbs, B. C., and Roughsedge, assignors.
Glass, Louis, assignor.
Haney, C. I., and Martin, assignors.
Haney, C. I., Martin, and McGoury, assignors.
Hays, Claude H., assignor.
Hill, F. B., and Kimpton, assignors.
Horback, William, assignor.
Horback, W., and Palst, assignors.
Jacobs, Donald H., assignor.
Lyem, Arthur, assignor.
Martin, M. E., and Andrews, assignors.
Moncrieff, R. W., and Bates, assignors.
Moncrieff, R. W., and Wheatley, assignors.
Olpin, H. C., and Argyle, assignors.
Parker, F. A., and Ancliff, assignors.
Pecker, J. S. Simpson, and Kirshner, assignors.
Plunkett, Brian, assignor.
Plunkett, B., and Scheib, assignors.
Rainalter, Herman, assignor.
Roberts, R. P., Johnson, and Young, assignors.
Schneider, G., and Martin, assignors.
Schweiser, Ernest, assignor.
Seymour, G. W., and Brooks, assignor.
Seymour, G. W., Martin, and Bowley, assignors.
Seymour, G. W., and Miller, assignors.
Seymour, G. W., and Pull, assignors.
Seymour, G. W., and Salvin, assignors.
Seymour, G. W., and White, assignors.
Smith, Harry E., assignor.
Stearn, William T., assignor.
Taylor, William L., assignor.
Thomas, Edward B., assignor.
Whitehead, William, assignor.
Willems, Robert A. A., assignor.
Wylde, J. R., and Perry, assignors.
Celon Company, The: *See*—
Ford, Joseph C., assignor.
Celotex Corporation, The: *See*—
Adams, Floyd W., assignor.
Burt, George H., assignor.
Elmendorf, Armin, assignor.
Muench, C. G., and Burt, assignors.
Central Aircraft Corporation: *See*—
Berkow, Murray, assignor.
Berkow, M., and Mullen, assignors.
Mullen, Charles F., assignor.
Central Foundry Company, The: *See*—
Nolan, John J., Jr., assignor.
Central Mine Equipment Co.: *See*—
Stogsdill, Sherman L., assignor.
Central National Bank of Cleveland, trustee: *See*—
Hopping, John E., assignor.
Central Railway Signal Company: *See*—
Edmands, John W., assignor.
Centriline Corporation: *See*—
Perkins, Albert G., assignor.
Century Motors Corporation: *See*—
Dusevoir, Julius, assignor.
Century Projector Corporation: *See*—
Boecking, Ewald, assignor.
Cerny, Elmer J., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Treatment of cotton fibers. 2,387,058; Oct. 16.
Cerny, Joseph A., University Heights, and J. Converse, East Cleveland, assignors to The Bryant Heater Company, Cleveland, Ohio. Gas igniter. 2,384,797; Sept. 18.
Certain-Teed Products Corporation: *See*—
Croce, Michele, assignor.
Hahn, Leonard E., assignor.
Hoggatt, Gilbert A., assignor.
Knapp, George, assignor.
Certified Gas Equipment Company: *See*—
Pratt, Best, assignor.
Certified Tool & Die Co.: *See*—
Donegan, William E., assignor.
Chace, Paul G., Attleboro Falls, assignor to Metals & Controls Corporation, Attleboro, Mass. Corrosion-resisting composite metal. 2,366,178; Jan. 2.
Chace, Thomas B., assignor to The Dole Valve Company, Chicago, Ill. Drink dispenser. 2,383,771; Aug. 28.
Chaddock, Clarence F., Los Angeles, Calif. Blade guide for motor-driven circular hand saws. 2,377,673; June 5.
Chaddock, Clarence F., Los Angeles, Calif. Expansion bit. 2,378,830; June 19.
Chadeloid Chemical Company: *See*—
Murphy, Dean, assignor.
Chadwell, Paul A., Washington, D. C. Depicting device. 2,385,347; Sept. 25.

Chafee, Earl W., New York, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Fire control system for aircraft guns. 2,385,348; Sept. 25.
Chafee, Earl W., New York, N. Y., and H. C. Van Auken, Bloomfield, N. J., assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Bomb sight. 2,371,606; Mar. 20.
Chafee, Earl W., New York, N. Y., and B. A. Wittkuhns, Summit, N. J., assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Antiaircraft fire control predictor. 2,378,910; June 26.
Chagnon, Alexander J.: *See*—
Sheetz, E. P., and Chagnon.
Chain Belt Company: *See*—
Ball, Charles F., assignor.
Ball, C. F., and Viall, assignors.
Harris, S. C., and Greifenhagen, assignors.
Klaucke, H., and Davis, assignors.
Klein, Robert E., assignor.
Lind, A. C., and Stuller, assignors.
Longnecker, Charles L., assignor.
McKnight, Lynn B., assignor.
McMillan, Andrew, assignor.
Chalkley, Lyman, Erick Township, Ocean County, N. J. Aminotriphenylacetonitrile and making it. 2,366,179; Jan. 2.
Challis, Kenneth J., assignor to Ilford Limited, Ilford, England. Photographic coating layer. 2,372,935; Apr. 3.
Challis, Thomas F.: *See*—
Robinson, H. C., and Challis.
Chamberlain, Chester A., Brooklyn, N. Y. Gaseous fuel control. 2,373,381; Apr. 10.
Chamberlain, Francis, Arlington, Mass. Celestial navigation instrument. 2,378,581; June 26.
Chamberlain, Frederic W., assignor to The Warren Featherbone Co., Three Oaks, Mich. Stiffening material. 2,379,881; July 10.
Chamberlain, Harold L.: *See*—
Wanamaker, E. M., Cromwell, and Chamberlain, assignors.
Chamberlain, Inc.: *See*—
Francis, John G., assignor.
Chamberlain, Joseph W., Zeeland, Mich. Refrigerator. 2,380,901; July 31.
Chamberlain, Leonard C., assignor to The Dow Chemical Company, Midland, Mich. Producing a sealing deposit in a well bore. 2,378,687; June 19.
Chamberlain, Lydia, assignor to The Warren Featherbone Co., Three Oaks, Mich. Infant carrier. 2,376,657; May 22.
Chamberlin Company of America: *See*—
Willsbury, Howard G., assignor.
Chamberlin Metal Weather Strip Company: *See*—
Breitenbach, R. H., and Willett, assignors.
Chambers, A. Leslie, et al.: *See*—
Wahl, John C., assignor.
Chambers, Allan C., Detroit, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake mechanism. 2,391,129; Dec. 18.
Chambers, Allen, Independence, and R. E. Gearhart, assignors of one-third to W. E. Ludwig, Kansas City, Mo. Door securing device. 2,368,411; Jan. 30.
Chambers, Allen, Independence, and R. E. Gearhart, assignors of one-third to W. E. Ludwig, Kansas City, Mo. Door securing device. 2,369,136; Feb. 13.
Chambers, Arthur H., Plymouth, Mich. Spring. 2,372,549; Mar. 27.
Chambers, Carl C.: *See*—
Brooke, O. A., Jr., and Chambers.
Chambers, Clarence T., Santa Cruz, Calif. Can punching and sealing device. 2,366,438; Jan. 2.
Chambers, Cyril H.: *See*—
McWhirter, E. M. S., and Chambers.
McWhirter, E. M. S., Dunn, Chambers, and Warden.
Chambers, Francis S., Jr., Woodbury, N. J., and C. A. Woodbury, Media, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of trinitrotoluene. 2,382,133; Aug. 14.
Chambers, Jewell C., Los Angeles, Calif., and J. R. Allen, Forest Hills, N. Y., assignors to Simmonds Aerocessories, Inc. Self-aligning bearing structure. 2,382,773; Aug. 14.
Chambers, Perry O., assignor to Safety Vulcanizer Company, Chicago, Ill. Tire buffing and rebuilding machine. 2,366,685; Jan. 2.
Chambers, Walter G., Needham Heights, Mass. Filter for swimming pools. 2,367,997; Jan. 23.
Chambers, William A., Ewell, assignor to Ronald Trist & Co. Limited, Slough, England. Magnetic device. 2,378,129; June 12.
Chambersburg Engineering Company: *See*—
Weyer, Henry A., assignor.
Chamlee, Fred F., Gatesville, Tex. Piston structure. 2,384,533; Sept. 11.
Champagne Paper Corporation: *See*—
Goepfert, Otto F., assignor.
Champayne, Roy J., Rockford, Ill. Rubbing machine. 2,367,668; Jan. 23.
Champion, Inc.: *See*—
West, M. A. and G. E., assignors.
Champion Paper and Fibre Company, The: *See*—
Bennett, Eugene G., assignor.
Bradner, Donald B., assignor.
Gates, Louis E., assignor.
Murdock, H. R., and Lawrence, assignors.
Paxton, C., and Vail, assignors.
Champion Spark Plug Company: *See*—
Riddle, Frank H., assignor.
Champion, William J., La Grange, assignor to Ditto, Incorporated, Chicago, Ill. Hectograph blanket. 2,372,355; Mar. 27.
Champion, William J., assignor to Ditto, Incorporated, Chicago, Ill. Hectograph blanket having a copy mass comprising a silicate. 2,387,643; Oct. 23.
Champlain Company, Inc.: *See*—
Plazze, Thomas E., assignor.
Champlin, John B. F., and T. H. Banton, assignors to Cattaraugus Cutlery Company, Little Valley, N. Y. Hunting knife. 2,375,751; May 15.
Chance, Franklin S.: *See*—
McAlvey, A., Strain, and Chance.
Chandler, Daniel L., Salem, assignor to The Aresee Company, Inc., Swampscott, Mass. Automobile door window mechanism. 2,390,690; Dec. 11.
Chandler, Edward F., Brooklyn, N. Y. Rocket gun. 2,380,024; July 10.
Chandler, Edward F., Brooklyn, N. Y. Lock nut. 2,381,110; Aug. 7.
Chandler, Edward F., Brooklyn, N. Y. Self-locking nut. 2,381,111; Aug. 7.
Chandler-Evans Corporation: *See*—
Chandler, Milton E., assignor.
Gilbert, Stanley W., assignor.
Twyman, Harold F., assignor.
Chandler, Henry T., assignor, by mesne assignments, to Vanadium Corporation of America, New York, N. Y. Treatment of steel or iron. 2,370,289; Feb. 27.
Chandler, James F., assignor to Colonial Radio Corporation, Buffalo, N. Y. Automatic tuning control circuit. 2,382,203; Aug. 14.
Chandler, Milton E., New Britain, assignor to Chandler-Evans Corporation, South Meriden, Conn. Charge forming device. 2,372,356; Mar. 27.
Chandler, Milton E., New Britain, Conn., assignor to Chandler-Evans Corporation. Fuel injector control mechanism. 2,384,282; Sept. 4.
Chandler & Price Company, The: *See*—
McLaughlin, Frederick D., assignor.
Root, Charles F., assignor.
Chaney, John L., and G. D. Hunt; said Hunt assignor to The Ohio Thermometer Company, Springfield, Ohio. Inclinometer. 2,384,453; Sept. 11.
Chaney, Newcomb K., Moylan, Pa., assignor to The United Gas Improvement Company. Production of valuable hydrocarbons. 2,369,281; Feb. 13.
Chaney, Newcomb K., Moylan, Pa., assignor to The United Gas Improvement Company. Pyrolysing method and apparatus. 2,372,186; Mar. 27.
Chaney, Newcomb K., Swarthmore, Pa., assignor to The United Gas Improvement Company. Liquid coating compositions, coated objects, and making same. 2,380,149; July 10.
Chaney, Newcomb K., Moylan, and E. L. Hall, Manchester, N. H., assignors to The United Gas Improvement Company. Production of valuable hydrocarbons. 2,383,772; Aug. 28.
Change-A-Blade Corporation: *See*—
Snell, Francis A., assignor.
Channon, Hiram B., Portsmouth, assignor to Virginia Smelting Company, West Norfolk, Va. Chrome tanning solutions and making and using the same. 2,382,204; Aug. 14.
Chanosky, Adolph, Fort Worth, Tex. Electrical resistor 2,376,757; May 22.
Chaplick, Jacob: *See*—
Gold, R. H., and Wasserman, assignors.
Chaplin Corporation: *See*—
Chaplin, Merle P., assignor.
Chaplin, Merle P., assignor to Chaplin Corporation, South Portland, Maine. Pulp molding and reforming. 2,377,864; June 12.
Chaplin, Merle P., South Portland, assignor to Chaplin Corporation, Portland, Maine. Machine for manufacturing molded pulp articles. 2,380,942; Aug. 7.
Chaplin, Merle P., assignor to Chaplin Corporation, Portland, Maine. Machine for manufacturing molded pulp articles. 2,388,828; Nov. 13.
Chapman, Charles E., Chicago, Ill. Time signaling apparatus. 2,380,943; Aug. 7.
Chapman, Charles H., La Grange, Ill., and C. P. Griffith, assignors to S. F. Bowser & Company, Incorporated, Fort Wayne, Ind. Conduit closure. 2,380,217; July 10.
Chapman, Edward L.: *See*—
Statia, Edwin V., Sr., assignor.
Chapman, Everett, West Chester, Pa. Method and apparatus for metal treatment and fabrication. 2,367,715; Jan. 23.
Chapman, Everett, West Chester, Pa. Fracture traction device. 2,373,456; Apr. 10.
Chapman, Fred F., Wilmington, Del., N. G. Johnson, Wenonah, N. J., and G. H. Loving, Riverside Gardens, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Explosive cartridge. 2,371,874; Mar. 20.

Chapman, George S., Dedham, Mass. Cutting tool. 2,381,485; Aug. 7.
Chapman, George T., Grosse Pointe, Mich. Fishing float. 2,376,958; May 29.
Chapman, Harold L., East Moriches, N. Y. Bottle case. 2,375,467; May 8.
Chapman, Henry O., Cedarhurst, and R. Evans, Bronxville, N. Y. Housing unit. 2,391,544; Dec. 25.
Chapman, James E., Los Angeles, assignor to North American Aviation, Inc., Inglewood, Calif. Gun charger. 2,384,724; Sept. 11.
Chapman, James E., Los Angeles, assignor to North American Aviation, Inc., Inglewood, Calif. Gun charger. 2,384,725; Sept. 11.
Chapman, James E., Los Angeles, assignor to The Garrett Corporation, Airesearch Manufacturing Company division, Inglewood, Calif. Modulating means for cooler control. 2,385,060; Sept. 18.
Chapman, James F.: *See*—
Blackburn, J. L., and Chapman.
Chapman, James F., East Orange, and K. Riesz, Gillette, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electrical instrument mounting. 2,388,675; Nov. 13.
Chapman, R. S.: *See*—
Brandes, Arthur, assignor.
Chapman, Stuart H., Lima, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Spreader stoker apparatus. 2,370,936; Mar. 6.
Chapman, Stuart H., Lima, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Stoker apparatus. 2,382,293; Aug. 14.
Chapman, Stuart H., Lima, and A. F. Schultz, Springfield, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Damper construction. 2,373,166; Apr. 10.
Chapman, Thomas J. C., assignor to Industrial Patents Corporation, Chicago, Ill. Automatic clamping device. 2,366,666; Jan. 2.
Chapman, Thomas S., Houston, Tex. Drying permeable solids. 2,373,100; Apr. 10.
Chappell, Fred L., Jr., Kalamazoo, Mich., assignor to Hercules Powder Company, Wilmington, Del. High free rosin size dispersions. 2,385,794; Oct. 2.
Chappell, Fred L., Jr., Kalamazoo, Mich., assignor to Hercules Powder Company, Wilmington, Del. Dry size. 2,386,033; Oct. 2.
Chappell, Ralph R.: *See*—
Colt, R. B., and Chappell.
Chapple, Charles C., Chestnut Hill, assignor to Children's Hospital of Philadelphia, Philadelphia, Pa. Humidifying apparatus. 2,368,115; Jan. 30.
Chapple, Eliot D., Belmont, Mass. Interaction recorder. 2,387,563; Oct. 23.
Charbonneau, Allan P., F. J. Russell, and E. W. Seeger, Wauwatosa, assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Electric circuit controller. 2,376,658; May 22.
Charbonneaux, Wilson A., Burlington, Iowa. Alternating current control or regulating apparatus. 2,379,415; July 3.
Charchian, Benjamin M., New York, N. Y., assignor to Federal Telephone and Radio Corporation, Newark, N. J. Frequency multiplier. 2,370,637; Mar. 6.
Chard, Lodge Y.: *See*—
Chard, Telford L., assignor.
Chard, Telford L., Indianapolis, assignor of one-half to L. Y. Chard, New Castle, Ind. Oscillatory engine. 2,389,764; Nov. 27.
Charis Corporation: *See*—
Sarachek, Moe, assignor.
Charley, Walter G., La Crescent, Minn., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Agricultural implement. 2,382,001; Aug. 14.
Charlotte Chemical Laboratories, Inc.: *See*—
Oliver, T. C., Long, and Crosson, assignors.
Charlton, George, Detroit, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Valve and valve steel alloy. 2,370,124; Feb. 27.
Charlton, John M., assignor to R. A. Simpson Manufacturing Company, Inc., Oakland, Calif. Butter mold. 2,370,522; Feb. 27.
Charman, Walter M., Shaker Heights, and B. F. Anthony, Cleveland Heights; said Anthony assignor to Ferro Engineering Company, Cleveland, Ohio. Low volume sinkhead. 2,390,500; Dec. 11.
Charms Company: *See*—
Krout, Ray W., assignor.
Charnas, Benjamin, Forest Hills, and A. Malina, New York, N. Y. Kit for toilet purposes. 2,389,596; Nov. 27.
Charney, Jesse: *See*—
Laufer, L., and Charney, assignors.
Charnock, Andrew J., Leyland, assignor to Leyland Motors Limited, Kingston on Thames, England. Retaining means for link pins in tracks for track-laying vehicles and for like purposes. 2,368,611; Jan. 30.
Chase Brass & Copper Co., Incorporated: *See*—
Crampton, D. E., and Burghoff, assignors.
Murnane, John A., assignor.
Wood, Maurice L., assignor.
Chase, Corson W., Chicago, Ill., assignor to Chicago Pump Company. Sewage treatment system. 2,380,025; July 10.
Chase, George C., South Orange, assignor to Monroe Calculating Machine Company, Orange, N. J. Listing calculator. 2,389,182; Nov. 20.
Chase, Philip H., Bala Cynwyd, and J. V. O'Neill, Willow Grove, Pa.; said O'Neill assignor to said Chase. Electric flasher. 2,388,780; Nov. 13.
Chasen, Henry: *See*—
McClellan, D. F., and Chasen.
Chase-Shawmut Company, The: *See*—
Christofferson, Carl A., assignor.
Taylor, Elmer H., assignor.
Wood, Morris B., assignor.
Chastain, Joe: *See*—
McGivern, P. V., and Chastain.
Chatelain, Arthur B., assignor to Twentieth Century-Fox Film Corporation, Los Angeles, Calif. Fader for motion-picture printers. 2,368,804; Feb. 6.
Chatelain, Paul E., Detroit, assignor to The Wickman Corporation, Highland Park, Mich. Automatic screw machine. 2,376,476; May 22.
Chatten, Clarence K., Jackson Heights, N. Y. Adhesive testing device. 2,390,510; Dec. 11.
Chatterjea, Prafulla K., and L. W. Houghton, assignors to Standard Telephones and Cables Limited, London, England. Multichannel carrier communications system. 2,390,641; Dec. 11.
Chatterjea, Prafulla K., and C. T. Scully, assignors to Standard Telephones and Cables Limited, London, England. Thermionic valve circuits. 2,378,620; June 19.
Chatterjea, Prafulla K., and C. T. Scully, assignors to Standard Telephones and Cables Limited, London, England. Thermionic valve circuits. 2,383,710; Aug. 28.
Chatterjea, Prafulla K., and C. T. Scully, assignors to Standard Telephones and Cables Limited, London, England. Thermionic valve receiving circuits. 2,391,130; Dec. 18.
Chatterton, Cecil M., Baltimore, Md., assignor to Ditto, Incorporated, Chicago, Ill. Adjustable step guide attachment for paper feed trays. 2,378,185; June 12.
Chatterton, Rollin M., Malden, Mass., and W. C. Slade, Providence, R. I., assignors to Fuel Research Development Corporation, Boston, Mass. Operating oil-cracking retorts. 2,377,993; June 12.
Chauvet, Albert L., Piedmont, Calif. Controlled beam headlight lens. 2,379,787; July 3.
Chayes, Nat: *See*—
Blair, James H., assignor.
Wahlberg, John, assignor.
Cheasley, Thomas C., Kansas City, Mo. Heater. 2,371,950; Mar. 20.
Cheasley, Thomas C., Kansas City, Mo. Draft control for heaters. 2,388,829; Nov. 13.
Checkmaster Plan Inc.: *See*—
Efron, Alexander, assignor.
Checkos, Theodore K., Los Angeles, Calif. Welding rod holder. 2,372,251; Mar. 27.
Cheechoo, Albert A., Brumheller, Alberta, Canada. Vending machine. 2,370,230; Feb. 27.
Cheesman, John J., Gerrards Cross, England. Package binding. 2,367,168; Jan. 9.
Chelborg, Rudolph, Maplewood, N. J., and H. Pufahl, Port Chester, N. Y., assignors to Union Carbide and Carbon Corporation. Tool-guiding apparatus. 2,373,541; Apr. 10.
Chemical, B-B., Co.: *See*—
Griswold, Stanley M., assignor.
Chemical Construction Corporation: *See*—
Baker, Henry D., assignor.
Chemical Developments Corporation: *See*—
Stahly, G. L., and Carlson, assignors.
Waldie, W. A., and Bersuder, assignors.
Chemical Developments, Inc.: *See*—
Fowler, George B., and (Pattilloch, assignor).
Stahly, Grant L., and Carlson, assignors.
Chemical Foundation, Incorporated, The: *See*—
Farr, Wanda K., assignor.
Hixson, A. W., and Miller, assignors.
Chemical Laboratories, Inc.: *See*—
Whitner, Thomas C., assignor.
Chemical Process Development Corporation: *See*—
Mills, G. F., and Alm, assignors.
Wojciekunas, A. N., and Faller, assignors.
Chemical Service Company: *See*—
Munn, John E., assignor.
Chemsearch Corporation: *See*—
Snell, F. D., and Guiteras, assignors.
Cheney, Lee C., Detroit, and W. G. Bywater, Grosse Pointe Woods, assignors to Parke, Davis & Company, Detroit, Mich. Morpholine substituted esters. 2,374,525; Apr. 24.
Cheney, William C., Seattle, and R. S. Wertheimer, Longview, Wash. Projector apparatus. 2,371,504; Mar. 13.
Chenicek, Albert G., Barberton, Ohio, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Unsaturated carbamic acid esters. 2,384,074; Sept. 4.
Chenicek, Albert G., Baberton, Ohio, assignor to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Condensation products of aldehydes and unsaturated ester amides. 2,385,911; Oct. 2.
Chenoweth, Oscar E., Borger, Tex., and P. F. Lewis, Tulsa, Okla., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Explosive dump shell. 2,384,534; Sept. 11.

Chenoweth, Ray M.: *See*—
Irwin, E. M., Lewis, Duval, Rule, and Chenoweth.
Chereau, Louis N.: *See*—
Higonnet, R. A., and Chereau.
Cherniavsky, Alexander J.: *See*—
Sonders, M., and Cherniavsky.
Chernoff, Fannie, Philadelphia, Pa. Dress shield. 2,373,947; Apr. 17.
Chernow, Michael, New York, N. Y. Earring clip 2,389,295; Nov. 20.
Cherry-Burrell Corporation: *See*—
Dahlberg, Arthur C., and Holland, assignors.
Dalzell, C. B., and Neely, assignors.
Dalzell, C. B., and Wyman, assignors.
Lippold, Adolph J., assignor.
Lundal, L. J., and Weinreich, assignors.
Trier, C. L., and Fogg, assignors.
Cherry, Carl W., Carmel, and A. S. Mulligardt, Altadena, Calif. Transmission mechanism. 2,383,107; Aug. 21.
Cherry, Charles A., Detroit, assignor, by mesne assignments, to Beaver Tool & Engineering Corp., Big Beaver, Mich. Toolholder. 2,384,600; Sept. 11.
Cherry, George L., Western Springs, and C. C. Veale, West Chicago, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Tray supporting table. 2,371,675; Mar. 20.
Cherry, George L., Western Springs, and C. C. Veale, Wheaton, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Extrusion apparatus. 2,373,167; Apr. 10.
Cherry, Ralph E., Detroit, Mich., and N. C. Bremer, assignors to Morse Chain Company, Ithaca, N. Y. Reduction gear. 2,383,956; Sept. 4.
Cherry Rivet Company: *See*—
Kugler, Herbert W., assignor.
Mulligardt, Alexander S., assignor.
Shaff, Ernest H., assignor.
Cherry, Sidney J., East Orange, and L. C. Werner, Bloomfield, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Swivel mounting of electrode support. 2,379,064; June 26.
Cherry, Sylvester: *See*—
Rosenzweig, S., and Cherry.
Chervenka, George R., St. Louis, Mo. Latching mechanism. 2,370,841; Mar. 6.
Chesney, Robert M., assignor to The Alliance Porcelain Products Company, Alliance, Ohio. Making tubs or similar articles. 2,378,932; June 26.
Chesny, Heins H.: *See*—
Elkington, F., and Chesny.
Chesser, Cecil E.: *See*—
Bradbury, W. T., Chesser, and Lieber.
Walton, A. K., and Chesser.
Chester, Allan E., Highland Park, and F. F. Reisinger, Waukegan, assignors to Poor & Company, Chicago, Ill. Compositions of matter and preparation thereof. 2,390,511; Dec. 11.
Chester, Arthur C., and A. P. Clausen, Los Angeles, Calif. Propeller spinner attaching device. 2,371,801; Mar. 20.
Chester, Frank R., Manhattan Beach, Calif. Knife sharpener. 2,386,194; Oct. 9.
Chevigny, Paul G., New York, N. Y., assignor to Federal Telephone and Radio Corporation, Newark, N. J. Cathode structure. 2,367,669; Jan. 23.
Chew, Clarence, and R. H. Lewis, II, Alton, Ill., assignors to Owens-Illinois Glass Company. Pour-out finishes for containers. 2,387,213; Oct. 16.
Chew, Frank D.: *See*—
Willmore, C. B., and Chew.
Cheyney, La Verne E.: *See*—
Osterhof, H. J., and Cheyney.
Cheyney, La Verne E., assignor to Wingfoot Corporation, Akron, Ohio. Stabilization of vinyl chloride-vinylidene chloride copolymers. 2,367,483; Jan. 16.
Cheyney, La Verne E., assignor to Wingfoot Corporation, Akron, Ohio. Polyvinyl butyral compositions. 2,376,030; May 15.
Cheyney, LaVerne E., assignor to Wingfoot Corporation, Akron, Ohio. Plasticized polyvinyl acetal. 2,380,925; Aug. 7.
Cheyney, LaVerne E., assignor to Wingfoot Corporation, Akron, Ohio. Plastic composition. 2,380,926; Aug. 7.
Cheyney, La Verne E., Akron, and H. J. Osterhof, Cuyahoga Falls, assignors to Wingfoot Corporation, Akron, Ohio. Oil container. 2,385,532; Sept. 25.
Cheyney, La Verne E., Akron, and H. J. Osterhof, Cuyahoga Falls, assignors to Wingfoot Corporation, Akron, Ohio. Package. 2,385,533; Sept. 25.
Cheyney, La Verne E., Akron, and H. J. Osterhof, Cuyahoga Falls, assignors to Wingfoot Corporation, Akron, Ohio. Plasticized rubber hydrochloride film. 2,385,534; Sept. 25.
Cheyney, La Verne E., Akron, and H. J. Osterhof, Cuyahoga Falls, assignors to Wingfoot Corporation, Akron, Ohio. Package. 2,385,535; Sept. 25.
Cheyney, La Verne E., assignor to Wingfoot Corporation, Akron, Ohio. Rubber hydrochloride. 2,388,651; Nov. 6.
Chicago Bridge & Iron Company: *See*—
Larson, Donald E., assignor.
Chicago Cardboard Company: *See*—
Ziemmerman, Henry, assignor.
Chicago Carton Company: *See*—
Hayes, Charles G., assignor.
Chicago Development Company: *See*—
Dean, Reginald S., assignor.
Dean, R. S., and Anderson, assignors.
Moss, Cresap, assignor.
Chicago Die Casting Manufacturing Company: *See*—
Koch, Paul F., assignor.
Chicago Eye Shield Company: *See*—
Whipple, Willis A., assignor.
Whipple, W. A., and Malcom, assignors.
Whipple, Willis Z., assignor.
Chicago Fire Brick Company: *See*—
Young, William G., assignor.
Chicago Flexible Shaft Company: *See*—
Jepson, Ivar, assignor.
Jepson, I., and Whiting, assignors.
Koci, Ludvik J., assignor.
Storm, Herbert F., assignor.
Chicago Forging & Manufacturing Company: *See*—
Howe, Earl E., assignor.
Chicago Metal Hose Corporation: *See*—
Toepper, G., and Farrar, assignors.
Chicago Pneumatic Tool Company: *See*—
Fischer, Howard R., assignor.
Fischer, H. R., and Roberts, assignors.
Harcourt, George T., assignor.
Reed, Clarence E., assignor.
Roberts, James A., assignor.
Chicago Pump Company: *See*—
Chase, Corson W., assignor.
Wirts, John J., assignor.
Chicago Railway Equipment: *See*—
Busse, Edwin G., assignor.
Chicago Rawhide Manufacturing Company: *See*—
Northup, Harry L., assignor.
Chicago Seal Co.: *See*—
Karlberg, Arvid E., assignor.
Chicago Telephone Supply Company: *See*—
Turner, B. S., Arleman, and Veatch, assignors.
Chichester, Kenneth J., Flushing, assignor, by mesne assignments, to Allied Control Company, Inc., New York, N. Y. Terminal element. 2,391,391; Dec. 25.
Chicopee Manufacturing Corporation: *See*—
Vose, Robert W., assignor.
Chiksan Tool Company: *See*—
Goodwin, Donald W., assignor.
Phillips, Dwight M., assignor.
Children's Hospital of Philadelphia: *See*—
Chapple, Charles C., assignor.
Childress, William C., Oak Park, and J. M. Royal, Villa Park, assignors to Acme Steel Company, Chicago, Ill. Strap stretching and sealing apparatus. 2,375,769; May 15.
Childs, John N.: *See*—
Oechsle, S. J., and Childs.
Chill-Quick Corporation: *See*—
Dunn, Carl L., assignor.
Chilson, Francis: *See*—
Corbin, W. S., Chilson, Tollison, Caffrey, and Pilon.
Chilton, Alfred H., assignor to J. Stone & Company Limited, Deptford, England. Electric regulator pile. 2,374,416; Apr. 24.
Chilton, Alfred H., Deptford, and L. R. Nixon, New Eltham, London, assignors to J. Stone & Company Limited, Deptford, England. Electric regulator. 2,374,417; Apr. 24.
Chilton, Frank McG., Arlington, Va. Control system. 2,375,213; May 8.
Chilton, Leonard V., and D. P. Woosley, assignors to Ilford Limited, Ilford, England. Photographic materials. 2,366,439; Jan. 2.
Chilton, Leonard V., assignor to Ilford Limited, Ilford, England. Photographic element and making it. 2,368,287; Jan. 30.
Chilton, William E., Shaker Heights, Ohio. Braking system for automotive vehicles. 2,387,716; Oct. 30.
Chindgren, Carl J.: *See*—
Fox., A. L., and Chindgren
Chipman Spinning Mills, Inc.: *See*—
Hardie, Donald C., assignor.
Chireix, Henri, Paris, France; vested in the Alien Property Custodian. Apparatus for detecting underground metallic objects. 2,376,659; May 22.
Chisholm, Douglas S., assignor to The Dow Chemical Company, Midland, Mich. Recovery of magnesium from vapor mixtures. 2,381,403; Aug. 7.
Chisholm, Harry L., Jr., Buffalo, N. Y., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Rotary hydraulic pump or motor. 2,369,019; Feb. 6.
Chisholm, Harry L., Jr., Buffalo, N. Y., assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Hydraulic steering motor and shimmy dampener for airplane landing gear wheels. 2,372,710; Apr. 3.
Chisholm, Harry L., Jr., Buffalo, N. Y., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Hydraulic pump or motor. 2,373,457; Apr. 10.
Chisholm, Harry L., Jr., Buffalo, N. Y., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Hydraulic shock absorber sealing means. 2,377,674; June 5.
Chisholm, Harry L., Jr., Buffalo, N. Y., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Hydraulic steering motor and shimmy dampener for airplane landing gear wheels. 2,383,773; Aug. 28.

Chisik, Joseph: *See*—
Zimmerman, W. B., Martin, and Chisik.
Chisnell, John B., assignor to The Sun Rubber Company, Barberton, Ohio. Finger guard. 2,379,624; July 3.
Christian, John C., and R. T. Seymour, assignors to Boeing Aircraft Company, Seattle, Wash. Bore sighting apparatus. 2,380,501; July 31.
Chittum, Joseph F., Whittier, assignor to Western Precipitation Corporation, Los Angeles, Calif. Electrical precipitation. 2,381,879; Aug. 14.
Chitwood, George R., Indianapolis, Ind., assignor to General Motors Corporation, Detroit, Mich. Gear checking fixture. 2,367,004; Jan. 9.
Chitwood, Henry C.: *See*—
Curme, G. O., Jr., Chitwood, and Clark.
Chitwood, Henry C., Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Catalytic alkaline oxidation of alcohols. 2,384,817; Sept. 18.
Chivers & Sons Limited: *See*—
Rendle, Theodore, assignor.
Choate, Carlile E., Monson, Maine, and R. E. Townsend, Jr., assignors to Devonshire Research Corporation, Boston, Mass. Frangible missile structure. 2,377,675; June 5.
Chocholak, John: *See*—
Ten Eyck, H. S., Chocholak, and Coleman.
Chodorow, Marvin, New York, N. Y., assignor to Maguire Industries, Incorporated. Self-pulsing circuit. 2,391,545; Dec. 25.
Chodorow, Marvin, New York, N. Y., assignor to Maguire Industries, Incorporated. Magnetic multivibrator. 2,391,546; Dec. 25.
Choulngs, Leslie C., assignor to Automotive Products Company Limited, Leamington Spa, England. Internal shoe drum brake. 2,374,651; May 1.
Chow, Bacon F.: *See*—
Van Dyke, H. B., Greep, and Chow.
Chown, Samuel R.: *See*—
Best, C., and Chown.
Chrisman, Ernest L.: *See*—
Weber, A. J., and Chrisman.
Christ, Andrew F., Milwaukee, Wis. Liquid dispensing device. 2,371,028; Mar. 6.
Christ, Joseph G., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Brazing alloys. 2,390,775; Dec. 11.
Christ, Robert E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cementing process. 2,367,670; Jan. 23.
Christel, Anthony G., and K. Fuchs, Rochester, N. Y. Abrading wheel dressing means. 2,376,959; May 29.
Christel, Conrad, assignor to Trico Products Corporation, Buffalo, N. Y. Windshield and cleaner therefor. 2,387,564; Oct. 23.
Christensen, Harold V., St. Clair Shores, assignor to Michigan Tool Company, Detroit, Mich. Thread grinding machine. 2,375,079; May 1.
Christensen Machine Company, The: *See*—
Belluche, Frank R., assignor.
Christensen, Norman V., assignor to Union Special Machine Company, Chicago, Ill. Sewing machine. 2,372,175; Mar 27.
Christensen, Norman V., assignor to Union Special Machine Company, Chicago, Ill. Sewing machine unit. 2,374,731; May 1.
Christensen, Paul M., Newington, Conn., assignor, by mesne assignments, to Federal Electric Products Company, Inc., Newark, N. J. Electric switch. 2,372,881; Apr. 3.
Christensen, Paul M., West Hartford, Conn., assignor by mesne assignments to Federal Electric Products Company, Inc., Newark, N. J. Multipole automatic circuit breaker. 2,374,273; Apr. 24.
Christensen, William R.: *See*—
Talbott, J. H., and Christensen.
Christenson, Arthur L.: *See*—
Friedman, H. and Christenson.
Christenson, Frank, Jamaica Estates, N. Y. Prefabricated ceramic combustion chamber. 2,370,008; Feb. 20.
Christenson, George, Plainfield, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Packing. 2,366,832; Jan. 9.
Christenson, Trace S., Jr., Detroit, Mich. Knob adapter. 2,389,610; Nov. 27.
Christian, David A., Batley, and D. P. Long, Chislehurst, assignors to Siemens Brothers & Co. Limited, London, England. Telephone or like system. 2,375,622; May 8.
Christian, David A., Batley, and W. H. J. Dibben, Dewsbury, assignors to Siemens Brothers & Co. Limited, Westminster, London, England. Telephone system. 2,377,314; June 5.
Christian, Herbert A., assignor of one-half to L. Christie, Vallejo, Calif. Pocket ash receptacle. 2,384,442; Sept. 11.
Christian, Herbert L.: *See*—
Moore, A. W., Moran, Christian, and Morris.
Christiansen, Andrew L., Willowbrook, Calif. Brake. 2,385,689; Sept. 25.
Christiansen, Christian, Swampscott, Mass. Box gluing device. 2,379,216; June 26.
Christie, Hugh K., assignor to Whiting Corporation, Harvey, Ill. Portable overhead jack. 2,370,842; Mar. 6.
Christie, Lewis D., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Measuring device. 2,390,691; Dec. 11.
Christie, Lindsay R., New York, N. Y. Continuous drier. 2,373,382; Apr. 10.
Christie, Lloyd: *See*—
Christian, Herbert A., assignor.
Christie, Robert K., Toledo, Ohio. Gapping spark plugs. 2,377,481; June 5.
Christman, Julius B., Jr., Clay Township, St. Joseph County, Ind. Gravel grading device. 2,370,717; Mar. 6.
Christmann, Friedrich: *See*—
Pier, M., and Christmann.
Christmann, Ludwig J., Yonkers, assignor to American Cyanamid Company, New York, N. Y. Removal of silica from nonmetallic ores by froth flotation. 2,368,968; Feb. 6.
Christmann, Ludwig J., Yonkers, N. Y., and S. E. Erickson, Calumet, Minn., assignors to American Cyanamid Company, New York, N. Y. Flotation of phosphate minerals. 2,377,129; May 29.
Christmann, Ludwig J., Yonkers, N. Y., and A. G. Houpt, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Producing high-grade calcium cyanide. 2,386,434; Oct. 9.
Christmann, Ludwig J., Yonkers, N. Y., and A. G. Houpt, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Producing alkaline earth metal cyanides. 2,386,435; Oct. 9.
Christmann, Ludwig J., Yonkers, N. Y., and A. G. Houpt, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Preparation of alkaline earth metal cyanides by double decomposition. 2,386,436; Oct. 9.
Christofferson, Carl A., Acton, assignor to The Chase-Shawmut Company, Newburyport, Mass. Electric switch and switch operating mechanism. 2,371,738; Mar. 20.
Christopher, Edward F., assignor to Industrial Patents Corporation, Chicago, Ill. Processing skins. 2,371,875; Mar. 20.
Christopher, Edward F., assignor to Industrial Patents Corporation, Chicago, Ill. Gelatinous material. 2,379,065; June 26.
Christopher, Elbert E., Oakland, Calif. Internal-combustion engine. 2,366,595; Jan. 2.
Christopher, Harold N., Fanwood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Self-regulating rectifier. 2,373,383; Apr. 10.
Christy, Carl, Shreveport, La. Ear ornament. 2,383,448; Aug. 28.
Chriswell, Frederick W., and R. S. Langdon, Seattle, Wash. Endless traction belt. 2,371,802; Mar. 20.
Chriswell, Frederick W., Seattle, assignor to Pacific Car and Foundry Company, Renton, Wash. Log bunk. 2,382,002; Aug. 14.
Chromium Mining and Smelting Corpn., Limited: *See*—
MacColl, Evan A., assignor.
Chromogen, Incorporated: *See*—
Dreyfuss, Paul D., assignor.
Gáspár, Béla, assignor.
Chrysler Corporation: *See*—
Ball, Thomas M., assignor.
Borden, David M., assignor.
Cousino, Walter P., assignor.
Gilfillan, Henry W., assignor.
Goode, G. C., and Gonyou, assignors.
Herreshoff, A. G., and Butterfield, assignors.
Hicks, H. A., Johnson, and Ross, assignors.
Houk, Addison E., assignor.
Iavelli, T., and Dunn, assignors.
La Brie, Ludger E., assignor.
Lamb, E. P., and Duff, assignors.
Livar, Allen P., assignor.
Lowery, Thomas W., assignor.
Matulaitis, Victor E., assignor.
Miller, Russell L., assignor.
Mochel, Paul J., assignor.
Mulhern, William A., assignor.
Neeson, Charles R., assignor.
Neracher, C. A., and Dunn, assignors.
Neracher, C. A., Dunn, Iavelli, and Syrovy, assignors.
Patterson, Herbert F., assignor.
Pennington, Gordon R., assignor.
Rakas, Nicholas J., assignor.
Russell, Charles P., assignor.
Saunders, S. G., and Morrison, assignors.
Schotz, Otto W., assignor.
Sherman, V. W., and Gonyou, assignors.
Slack, F. W., and Carpentier.
Staley, Allen C., assignor.
Terry, Rex A., assignor.
Tyken, John G., assignor.
Utz, Chester C., assignor.
Wallace, David A., assignor.
Wallace, D. A., Hewlett, and Wilbur, assignors.
Woolson, H. T., and Parker, assignors.
Woolson, H. T., Herreshoff, Hicks, Parker, and Wyatt, assignors.
Chubb, Lewis W., Jr., trustee: *See*—
Smith, Robert A., assignor.

Chubb, Lewis W., Jr., Sharon, Mass., assignor to Polaroid Corporation, Dover, Del. Antiglare device. 2,367,096; Jan. 9.
Chubb, Lewis W., Churchill Borough, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Three-phase transformer core. 2,367,927; Jan. 23.
Chubb, Melvin F., and P. F. Ebert, Joplin, Mo., assignors to The Eagle-Picher Company, Cincinnati, Ohio. Drying formed battery plates. 2,389,893; Nov. 27.
Chubb, Melvin F., and P. F. Ebert, Joplin, Mo., assignors to The Eagle-Picher Company, Cincinnati, Ohio. Dry charged accumulator plate. 2,389,894; Nov. 27.
Chubbuck, Horace A.: *See*—
Galamb, J., Roberts, and Chubbuck.
Chuck, Faw Yap, assignor to Lindauer and Co., San Francisco, Calif. Demothing product. 2,376,327; May 22.
Chudner, Joseph, New York, N. Y. Thread cutter. 2,376,417; May 22.
Church, Arthur E.: *See*—
Grindrod, T. H., and Church.
Church, Herman S., Cuyahoga Falls, assignor to The Monarch Rubber Company, Hartville, Ohio. Manufacture of solid rubber tires. 2,386,034; Oct. 2.
Church, Ira L., Reed City, Mich. Saw filing guide. 2,376,031; May 15.
Church, John W., Mount Lebanon, assignor to Falk & Company, Carnegie, Pa. Specialized vulcanization product. 2,369,434; Feb. 13.
Church, Joseph H., Austin, Minn., and W. E. Thibodeau, Cleveland, Ohio. Projectile. 2,367,199; Jan. 16.
Church, Joseph H., Austin, Minn., and W. E. Thibodeau, Cleveland, Ohio. Projectile. 2,371,151; Mar. 13.
Churchill, Ivan F., Fayetteville, N. Y. Multiple drilling machine. 2,381,039; Aug. 7.
Churchill, John A., Luton, assignor to D. Napier & Son Limited, London, England. Valve for controlling the flow of liquids. 2,377,537; June 5.
Churchill, Wilmer H., Saugus, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Mounting for electrical conduit bushings. 2,373,810; Apr. 17.
Churchill, Wilmer H., Saugus, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Shiftable cowl fastener device. 2,389,121; Nov. 20.
Churchill, Wilmer H., Saugus, assignor to United-Carr Fastener Corporation. Cambridge, Mass. Tension nut device. 2,389,122; Nov. 20.
Ciapetta, Frank G.: *See*—
Leum, L. N., and Ciapetta.
Ciba Pharmaceutical Products, Incorporated: *See*—
Hartmann, M., and Druey, assignors.
Hartmann, M., Cueni, Druey, and von Meyenburg, assignors.
Hofmann, Klaus, assignor.
Hoffmann, K., and Von Meyenburg, assignors.
Miescher, Karl, assignor.
Miescher, K., and Heer, assignors.
Miescher, K., Heer, and Fischer, assignors.
Miescher, K., and Meystre, assignors.
Miescher, K., and Wettstein, assignors.
Ruzicka, Leopold, assignor.
Ruzicka, L., and Wettstein, assignors.
Ciba Products Corporation: *See*—
Widmer, G., and Fisch, assignors.
Cibert, Harold, Brooklyn, assignor to J. and S. Miller, New York, N. Y. Fire resistant portfolio, document folder, or the like. 2,383,108; Aug. 21.
Cibulka, Alois, Highlands, Tex. Derrick. 2,381,647; Aug. 7.
Cicchetti, Eugene G., Bronx, N. Y., and F. D. Lewis, West Orange, assignors to Breeze Corporations, Inc., Newark, N. J. Tube severing machine. 2,374,806; May 1.
Cicero State Bank, trustee: *See*—
Behrendt, J. G., and Ruthy, assignors.
Ciecierski, Maryan, Jr., Jersey City, N. J. Induction system for internal-combustion engines. 2,375,080; May 1.
Cinch Manufacturing Corporation: *See*—
Del Camp, Scipione M., assignor.
MacFadden, Wilford C., assignor.
Cincinnati Ball Crank Company, The: *See*—
Woelfer, Frank C., Jr., assignor.
Cincinnati Grinders Incorporated: *See*—
Decker, J., and Ernst, assignors.
Cincinnati Milling Machine Co., The: *See*—
Binns, G. W., and Theler, assignors.
Decker, J., and Kearns, assignors.
Decker, J., and Stuckey, assignors.
Mehlhope, L. E., and Vancil, assignors.
Theler, F. J., Binns, and Decker, assignors.
Wortendyke, Raymond D., assignor.
Cincinnati Planer Company, The: *See*—
Daugherty, Jesse, assignor.
Cipolla, Manlio, Pavia, Italy; vested in the Alien Property Custodian. Oblique junction-plane rail joint. 2,375,523; May 8.
Cipressi, Alfred, Philadelphia, Pa. Window sash attachment. 2,382,294; Aug. 14.
Cipriani, Chester, Toledo, Ohio. Spark plug. 2,380,579; July 31.
Cipriani, Chester, and C. J. Eaton, Toledo, Ohio. Spark plug. 2,389,597; Nov. 27.
Cislak, Francis E., Indianapolis, and O. D. Cunningham, Speedway City, assignors to Reilly Tar & Chemical Corporation, Indianapolis, Ind. Separating 3-picoline, 4-picoline, and 2,6-lutidine. 2,374,418; Apr. 24.
Cislak, Francis E., assignor to Reilly Tar & Chemical Corporation, Indianapolis, Ind. Extension of rubber. 2,378,881; June 19.
Cities Service Oil Company: *See*—
Borden, Edmund G., assignor.
Brandt, David G., assignor.
De Villiers, Truman E., assignor.
Engelke, Ernest F., assignor.
Jenner, Russell B., assignor.
Kaplan, William, assignor.
Levitt, Percy B., assignor.
Morgan, John D., assignor.
Morgan, J. D., and Anderson, assignors.
Morgan, J. D., and Blakey, assignors.
Morgan, J. D., and Levitt, assignors.
Morgan, J. D., and Lowe, assignors.
Citizens Trust & Savings Bank, administrator: *See*—
Stangle, William H.
Citizens Trust & Savings Bank of Evansville, Ind., administrator: *See*—
Stangle, William H., assignor.
Cito, Camillo, Uccle-Brussels, Belgium; vested in the Alien Property Custodian. Manufacture of shaped metal products. 2,382,384; Aug. 14.
City Engineering Company, The: *See*—
Joyce, W. E., Himes, and Wilson.
Wilson, Delbert I., assignor.
City National Bank and Trust Company of Chicago, trustee: *See*—
Baur, H. J., and Kulo, assignors.
Cisek, Vojtech, Astoria, assignor to Waldes Koh-I-Noor, Inc., Long Island City, N. Y. Slide fastener. 2,371,591; Mar. 13.
Claborn, Houston V., Arlington, Va.; dedicated to the free use of the People in the territory of the United States. Lactyllactic esters and making same. 2,371,281; Mar. 13.
Clade, Robert, Detroit, Mich., assignor to American Car and Foundry Company, New York, N. Y. Lubricated valve. 2,373,742; Apr. 17.
Claffey, Joseph B., Philadelphia, Pa., assignor to The United Gas Improvement Company. Fractionation control. 2,386,778; Oct. 16.
Clakson, Frank H., Coventry, England. Chuck or holder. 2,367,998; Jan. 23.
Clancy, Gilbert E., assignor to Drayer & Hanson, Incorporated, Los Angeles, Calif. Heat exchanger. 2,388,721; Nov. 13.
Clapp, Channing P., Fords, and B. M. Johnson, Metuchen, N. J., assignors to The Carborundum Company, Niagara Falls, N. Y. Furnace. 2,385,333; Sept. 25.
Clapp, Charles W., assignor to Corning Glass Works, Corning, N. Y. Molding glass. 2,390,354; Dec. 4.
Clapp, George L., U. S. Army, Pasco, Wash. Fork lift truck. 2,387,744; Oct. 30.
Clapp, Kenneth S., Shaker Heights, Ohio. Dispensing pump. 2,387,233; Oct. 23.
Clapp, Kenneth S., Shaker Heights, Ohio. Fluid control valve mechanism. 2,387,234; Oct. 23.
Clapp, Richard C.: *See*—
Roblin, R. O., Jr., and Clapp.
Clare, C. P., and Co.: *See*—
Clare, Carl P., assignor.
Horlacher, Albert F., assignor.
Johnston, Arthur J., assignor.
Clare, Carl P., Arlington Heights, assignor to C. P. Clare and Co., Chicago, Ill. Electric relay system. 2,368,201; Jan. 30.
Clare, Charles H., assignor to Clare-Collets Limited, Salford, England. Chuck for drills, reamers, milling cutters and like tools. 2,381,335; Aug. 7.
Clare-Collets Limited: *See*—
Clare, Charles H., assignor.
Clare, George H., New York, N. Y. Drawer arrangement for refrigerators. 2,376,032; May 15.
Clare, Irwin C., Elmhurst, assignor to Hercules Powder Company, Wilmington, Del. Coating compositions. 2,375,752; May 15.
Clare, Irwin C., Elmhurst, assignor to Hercules Powder Company, Wilmington, Del. Coating composition. 2,375,753; May 15.
Clare, Irwin C., Elmhurst, assignor to Hercules Powder Company, Wilmington, Del. Ink compositions. 2,379,950; July 10.
Clarin, Werner E., assignor of one-half to A. J. Jacobson, Chicago, Ill. Locking device for folding chairs. 2,381,574; Aug. 7.
Clark, Adna R., Chicago, Ill., and C. R. and H. J. King, Oelwein, Iowa. Refrigerating means for vehicles. 2,378,063; June 12.
Clark, Alfred, Grandview Heights, and R. S. Shutt, Upper Arlington, assignors to Batelle Memorial Institute, Columbus, Ohio. Polymerizing olefines. 2,385,609; Sept. 25.
Clark, Alfred S., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Thread case retaining device for sewing machines. 2,379,882; July 10.

Clark, Alfred and R. S. Shutt, assignors to Battelle Memorial Institute, Columbus, Ohio. Preparation of alkenals and alkenones. 2,383,711; Aug. 28.
Clark, Alice L., Mill Valley, Calif. Doll. 2,391,131; Dec. 18.
Clark, Allan C., Manhasset, assignor to Pan American Airways, Inc., New York, N. Y. Globe map. 2,369,103; Feb. 6.
Clark, Alva B., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Communication system. 2,385,061; Sept. 18.
Clark, Arthur R., Hamilton, Ontario, Canada. Mechanical movement. 2,381,112; Aug. 7.
Clark, Augustus W.: *See*— Dower, D. W., and Clark.
Clark, Avery A., Denver, Colo., and H. W. Hooper, Scottsbluff, Nebr., assignors to The Great Western Sugar Company, Denver, Colo. Separating apparatus. 2,389,611; Nov. 27.
Clark, Carl L.: *See*— Swertfager, W. A., and Clark.
Clark, Charles A., assignor to Leupold & Stevens Instruments, Portland, Oreg., a partnership composed of F. Leupold, J. C. Stevens, M. Leupold, and R. J. Stevens. Pelorus. 2,386,542; Oct. 9.
Clark, Charles C., Buffalo, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Pickling bath for metals. 2,373,291; Apr. 10.
Clark, Charles C., Columbus, Ohio. Signal or alarm device for projecting machines. 2,375,197; May 8.
Clark, Charles C., Columbus, Ohio. Time schedule calculator. 2,391,771; Dec. 25.
Clark, Charles M.: *See*— Bergmann, Christian N., assignor.
Clark, Charles R., Springfield Township, Montgomery County, Pa., assignor to Allied Chemical & Dye Corporation, New York, N. Y. Recovering toluene from hydrocarbon mixtures. 2,385,810; Sept. 25.
Clark, Charles R., Springfield Township, Montgomery County, Pa., assignor to Allied Chemical & Dye Corporation, New York, N. Y. Recovering toluene. 2,388,040; Oct. 30.
Clark, Charles W., Brooklyn, N. Y. Dancing toy. 2,368,805; Feb. 6.
Clark, Clyde W., Dearborn, Mich. Elevating screw. 2,368,345; Jan. 30.
Clark Controller Company, The: *See*— Few, William, assignor.
Clark, Daniel B., assignor to Twentieth Century-Fox Film Corporation, Los Angeles, Calif. Making motion pictures. 2,384,601; Sept. 11.
Clark, Daniel E., assignor of one-half to J. E. Dakin, Jr., Lynn, Mass. Reinforcing box corners and reinforcement therefor. 2,376,660; May 22.
Clark, Daniel R., Flint, Mich. Amusement machine. 2,384,237; Sept. 4.
Clark, David, Company, Inc: *See*— Johnson, C. E., and Clark, assignors.
Clark, David M: *See*— Johnson, C. E., and Clark.
Clark, Donald H., Sacramento, Calif. Rotary cultivator mounting and control unit. 2,366,386; Jan. 2.
Clark, Donald H., Sacramento, Calif. Rotary cultivator unit. 2,370,777; Mar. 6.
Clark, Earl K., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Thermostat. 2,370,146; Feb. 27.
Clark, Earl K., Mansfield, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Water heater apparatus. 2,379,398; June 26.
Clark, Earl K., and J. R. Hellman, Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Flatiron cord assembly. 2,367,996; Jan. 23.
Clarke, Edgar W., Hamilton, Ontario, Canada, assignor to Interwoven Stocking Company, New Brunswick, N. J. Circular knitting machine. 2,370,449; Feb. 27.
Clarke, Edgar W., Hamilton, Ontario, Canada, assignor to Interwoven Stocking Company, New Brunswick, N. J. Knitted article. 2,370,450; Feb. 27.
Clark Equipment Company: *See*— Backofen, R., and Lapsley, assignors. Burger, Frederick W., assignor. Dunham, Elmer J., assignor. Dunham, E. J., and Mulvany, assignors. King, Charles H., assignor. Lapsley, Robert, assignor. Williams, Alfred O., assignor.
Clark, Ernest, Brockton, assignor to Abington Textile Machinery Works, Boston, Mass. Carding machine. 2,376,661; May 22.
Clark, Ethel H.: *See*— Clark, John W., assignor.
Clark, Eugene S., Lynn, Mass., assignor to General Electric Company. Aircraft gas turbine arrangement. 2,388,952; Nov. 13.
Clark, Frances H., New York, and R. F. Dirkes, Jamaica, N. Y. Tool steel. 2,369,211; Feb. 13.
Clark, Francis S., St. Paul, Minn. Control. 2,371,378; Mar. 13.
Clark, Frank M., Pittsfield, Mass., assignor to General Electric Company. Halogenated hydrocarbon compositions. 2,375,623; May 8.
Clark, Frank M., Pittsfield Mass., assignor to General Electric Company. Halogenated composition. 2,375,624; May 8.
Clark, Frank M., Pittsfield, Mass., assignor to General Electric Company. Dielectric material. 2,386,659; Oct. 9.
Clark, Frank M., Pittsfield, Mass., assignor to General Electric Company. Apparatus for absorbing decomposition products. 2,388,524; Nov. 6.
Clark, George H., Yakima, Wash. Wrench. 2,377,612; June 5.
Clark, Gerald I., Santa Clara, assignor to Wooldridge Manufacturing Company, Sunnyvale, Calif. Motor powered earth mover. 2,368,202; Jan. 30.
Clark, Gerald T., Hazel Crest, Ill., assignor to The Union Switch and Signal Company, Swissvale, Pa. Railway skate control and operating apparatus. 2,390,055; Dec. 4.
Clark, Harlan C.: *See*— Klaiber, F. L., and Clark.
Clark, Howard H., Kent, Ohio. Scaffold system. 2,383,440; Aug. 28.
Clark, Howard L., Ballston Lake, N. Y., assignor to General Electric Company. Short time interval meter. 2,377,757; June 5.
Clark, Howard L., Ballston Lake, N. Y., assignor to General Electric Company. Spark generator for spectrographic analyses. 2,391,225; Dec. 18.
Clark, J. R., Company, The: *See*— John, Edward T., assignor.
Clark, James A., Port Chester, N. Y., assignor to Sylvania Industrial Corporation, Fredericksburg, Va. Stabilizing textiles. 2,378,186; June 12.
Clark, James E., Williston Park, N. Y., C. E. Fay, Chatham, N. J., and V. L. Ronci, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electronic discharge device. 2,380,502; July 31.
Clark, James L., New York, N. Y. Sleeping bag. 2,379,416; July 3.
Clark, James R., assignor to Yawman & Erbe Mfg. Co., Rochester, N. Y. Extensible suspension for drawers and the like. 2,376,121; May 15.
Clark, James W., Monmouth, Ill. Device for throwing missles such as hand grenades. 2,378,187; June 12.
Clark, Jared W.: *See*— Curme, G. O., Jr., Chitwood, and Clark.
Clark, Joel B., and H. P. Pierce, Buffalo, N. Y., said Pierce assignor to said Clark. Treating lubricating oil of internal-combustion engines. 2,376,418; May 22.
Clark, John R., Los Angeles, Calif., assignor to The Glenn L. Martin Company, Baltimore, Md. Aircraft construction. 2,373,542; Apr. 10.
Clark, John W., Washington, D. C., assignor of one-third to E. H. Clark. Applicator for facial creams. 2,390,921; Dec. 11.
Clark, Joseph B., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Mist separator. 2,369,020; Feb. 6.
Clark, Kendall, Oakwood, assignor to General Motors Corporation, Dayton, Ohio. Domestic appliance. 2,366,236; Jan. 2.
Clark, Kendall, Oakwood, assignor to General Motors Corporation, Dayton, Ohio. Tuning control. 2,376,901; May 29.
Clark, Kendall, South Bend, Ind. Ironing machine. 2,379,788; July 3.
Clark, Kenneth C., Watsonville, Calif. Simplified auxiliary wheel and tire carrier. 2,378,911; June 26.
Clark, Kenneth C., Watsonville, Calif. Vehicle coupler. 2,386,195; Oct. 9.
Clark, Lawrence D.: *See*— L. A. Jones, Nelson, and Clark.
Clark, Leon D., Skiatook, Okla. Hand-gripping tool. 2,382,606; Aug. 14.
Clark, Louis, assignor to Protecto Products Co. Inc., Pomona, Calif. Seat-cover package. 2,387,059; Oct. 16.
Clark, Milton A., Mexico, Mo. Metal boring tool. 2,381,806; Aug. 7.
Clark, Nathan C., Los Angeles, and P. R. Carlson, Pasadena, assignors to Lockheed Aircraft Corporation, Burbank, Calif. Monitoring device for spot-welding machines. 2,370,009; Feb. 20.
Clark, Paul, et al.: *See*— Nelson, Clarence E., assignor.
Clark, Raymond F.: *See*— Irvine, Jan S., and Clark.
Clark, Reginald J., Boise, Idaho. Protector for fruit boxes. 2,371,425; Mar. 13.
Clark, Robert, Parma, and H. R. Patterson, Shaker Heights, Ohio, assignors to The American Steel and Wire Company of New Jersey. Apparatus for orienting and accumulating elongated articles. 2,387,235; Oct. 23.
Clark, Robert H.: *See*— Owen, Robert G., assignor. Smith, Lawson A., assignor. Wilson, Harry C., assignor.
Clark, Robert H., et al.: *See*— Panushka, J. B., and Wheeler, assignors.
Clark, Robert W., Teaneck, N. J., assignor to Radio Corporation of America. Transmission line coupling system. 2,373,458; Apr. 10.

Clark, Stanley F.: *See*— Field, Patrick H., assignor.
Clark, Stewart H., Chicago, Ill., assignor to Backstay Welt Company, Union City, Ind. Channel runway. 2,378,888; June 19.
Clark Thread Company, The: *See*— Garrott, John H., assignor.
Clark, Walter G., Los Angeles, Calif., assignor to Clark-Iron, Inc. Apparatus for generating hydrogen and carbon from hydrocarbon gas. 2,367,928; Jan. 23.
Clark, Walter G., Los Angeles, Calif., assignor to Clark-Iron, Inc. Process and apparatus for roasting and reducing iron oxide and other oxide ores. 2,387,882; Oct. 30.
Clark, Warren F., Nashville, Tenn. Mattress for treating human body ailments by heat therapy. 2,376,902; May 29.
Clark, William D. Jr., Belleville, N. J. Slip cover for furniture. 2,366,833; Jan. 9.
Clark, William F., and A. F. Adams, Chicago, Ill. Projection system for images and sounds. 2,373,013; Apr. 3.
Clarke, Albert E.: *See*— Eve, F. H., and Clarke.
Clarke, Alfred E.: *See*— Dimsdale, W. H., and Clarke.
Clarke, Alfred G., Hillingdon, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. High ohmic resistances. 2,371,379; Mar. 13.
Clarke, Carole A., Glen Ridge, N. J., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Cooling device for metal rectifiers. 2,380,026; July 10.
Clarke, Chapman Company, Limited: *See*— Shoosmith, Guy T., assignor.
Clarke, Charles N.: *See*— Bergmann, Christian N., assignor.
Clarke, Douglas C.: *See*— Deschamps, D. J., Dow, and Clarke.
Clarke, Edmund S., Jacksonville, Fla. Chuck. 2,378,188; June 12.
Clarke, Gerard J.: *See*— Fordyce, C. R., and Clarke.
Clarke, Laurence R., Newton, assignor to Haartz-Mason-Grower Company, Watertown, Mass. Web-controlling mechanism. 2,367,005; Jan. 9.
Clarke, Louis A: *See*— Bruner, F. H., Clarke, and Sawyer.
Clarke, Louis A., Fishkill, assignor to The Texas Company, New York, N. Y. Motor fuels and making same. 2,373,101; Apr. 10.
Clarke, Robert B. F. F.: *See*— Flint, C. F., and Clarke.
Clarke, Robert H., Nutley, N. J. Reversing gear and clutch mechanism. 2,375,524; May 8.
Clarke, Rollin R.: *See*— Peterson, F. H., and Clarke.
Clarke, Rollin R., assignor to The Patent Button Company, Waterbury, Conn. Snap fastener. 2,385,774; Oct. 2.
Clarke, Thomas B.: *See*— Carr, J. W., and Clarke.
Clarke, William T., Lion's Head, Ontario, Canada. Razor blade sharpener. 2,374,419; Apr. 24.
Clarkiron, Inc.: *See*— Clark, Walter G., assignor.
Clarkson, Alick, Bloomingdale Township, Du Page County, Ill. Steam quality controller. 2,387,717; Oct. 30.
Clarkson, John L., and A. B. Jackson, assignors to Clarkson Manufacturing Company, Nashville, Ill. Loading machine. 2,370,147; Feb. 27.
Clarkson Manufacturing Company: *See*— Clarkson, J. L., and Jackson, assignors.
Clarkson, Ralph E., Hamden, assignor to Western Cartridge Company, New Haven, Conn. Front-band construction for firearms. 2,371,282; Mar. 13.
Clarkson, Ralph P., Milford, Conn. Rail fastening. 2,387,009; Oct. 16.
Clasen, John H.: *See*— Evans, R. T., and Clasen.
Clason, Bertil, Flint, assignor to General Motors Corporation, Detroit, Mich. Liquid level gauge. 2,373,292; Apr. 10.
Classon, Albert N., Leland, Ill. Fan stopping device. 2,369,715; Feb. 20.
Claud-Mantle, Arthur, Trumbull, assignor to The Bassick Company, Bridgeport, Conn. Pedal rod mounting or the like. 2,380,218; July 10.
Claus, William A.: *See*— Gerity, J., Jr., and Claus.
Clausen, Albert P.: *See*— Chester, A. C., and Clausen.
Clausen, Bert J., Huntington Park, Calif. Shoe toe lifter. 2,378,899; June 26.
Clausen, De Witt, Akron, Ohio, assignor to Lucien I. Yeomans, Inc., Chicago, Ill. Scotch yoke. 2,366,237; Jan. 2.
Clausen, De Witt, Akron, Ohio, assignor to Lucien I. Yeomans, Inc., Chicago, Ill. Scotch yoke. 2,366,238; Jan. 2.
Clausen, Harold C., Penn Township, Allegheny County, and L. K. Hedding, Wilkinsburg, assignors to The Union Switch & Signal Company, Swissvale, Pa. Railway braking apparatus. 2,372,550; Mar. 27.
Clausen, Henry P., White Plains, N. Y., assignor to The Gray Manufacturing Company, Hartford, Conn. Sound recording and reproducing machine. 2,366,956; Jan. 9.
Clausen, Henry P., White Plains, N. Y., assignor to The Gray Manufacturing Company, Hartford, Conn. Remotely controlled sound recording and reproducing machine. 2,375,525; May 8.
Clausen, Henry P., White Plains, N. Y., assignor to The Gray Manufacturing Company, Hartford, Conn. Dictation machine. 2,382,607; Aug. 14.
Clausen, Henry P., White Plains, N. Y., assignor to The Gray Manufacturing Company, Hartford, Conn. Sound transcription machine. 2,387,010; Oct. 16.
Clausen, Sigurd, Brooklyn, and W. C. Broekhuysen, Garden City, N. Y., assignors to International Cigar Machinery Company. Magnetic mold cover retainer. 2,369,648; Feb. 20.
Clausen, Sigurd, Brooklyn, N. Y., assignor to International Cigar Machinery Company. Paster for cigar binders and the like. 2,391,294; Dec. 18.
Clausing, George, assignor to Vulcan Corporation, Portsmouth, Ohio. Shoe tree. 2,372,551; Mar. 27.
Clavering, Gunnar, assignor of fifteen per cent to K. Clavering, twenty per cent to J. W. Ralston, five per cent to A. E. Matthews, five per cent to A. E. Reader, and forty per cent to M. C. Johnston, Toronto, Ontario, Canada. Carburetor. 2,371,739; Mar. 20.
Clavering, Kathleen, et al.: *See*— Clavering, Gunnar, assignor.
Clay, Murray G., assignor to The Beardsley & Piper Company, Chicago, Ill. Flask filling apparatus. 2,368,116; Jan. 30.
Clay, Murray G., assignor to The Beardsley & Piper Company, Chicago, Ill. Truck driving mechanism. 2,384,366; Sept. 4.
Clayson, Harry F., New Lenton, Nottingham, assignor to Simmonds Development Corporation Limited, London, England. Lock nut. 2,381,206; Aug. 7.
Clayton, Andrew B., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Feeding mechanism for sewing machines. 2,386,660; Oct. 9.
Clayton, Benjamin, Houston, Tex., assignor, by mesne assignments, to Refining, Unincorporated. Refining of animal and vegetable oils. 2,374,924; May 1.
Clayton, Benjamin, Houston, Tex., assignor, by mesne assignments, to Refining, Unincorporated. Refining oil and for producing soap. 2,390,990; Dec. 18.
Clayton, James O.: *See*— Farrington, B. B., Clayton, and Rutherford. Kavanagh, F. W., Farrington, and Clayton.
Clayton Manufacturing Company: *See*— Griswold, Donald G., assignor.
Clayton, Walter F., Jr.: *See*— Monroe, R. O., and Clayton.
Clean-Ite Chemical Co.: *See*— Raymond, Sydney A., assignor.
Clearing Machine Corporation: *See*— Finzel, H., assignor, and Maykemper. Johansen, Einar K., assignor. Wacker, George W., assignor.
Clearman, Frederick: *See*— Hallows, R. L., and Clearman.
Cleaver-Brooks Company: *See*— Cleaver, J. C., and Resek, assignors.
Cleaver, John C., and J. V. Resek, Whitefish Bay, assignors to Cleaver-Brooks Company, Milwaukee, Wis. Distillation unit. 2,388,599; Nov. 6.
Cleaver, John C., Whitfish Bay, and J. V. Resek, assignors to Cleaver-Brooks Company, Milwaukee, Wis. Oil burner. 2,390,056; Dec. 4.
Clein, Hilliard H., New York, N. Y. Razor. 2,388,722; Nov. 13.
Clem, Everett W., Shrewsbury, and J. P. Munton, assignors to Rice Barton Corporation, Worcester, Mass. Bearing mount for papermaking machines. 2,372,764; Apr. 3.
Clem, Everett W., Shrewsbury, and G. E. Winter, assignors to Rice Barton Corporation, Worcester, Mass. Paper making machine press roll assembly. 2,390,692; Dec. 11.
Clem, James R., Dallas, Tex. Vending machine. 2,376,960; May 29.
Clemence, Le Roy W.: *See*— Raizlss, G. W., Clemence, and Freifelder.
Clemens, Robert F., Union City, N. J., assignor to The Dorr Company, New York, N. Y. Purification of liquids. 2,375,282; May 8.
Clement, Carl H., Jr., U. S. Army, Fort Belvoir, Va. Boat construction. 2,379,883; July 10.
Clements, Alexander B., assignor to Scottish Machine Tool Corporation Limited, Glasgow, Scotland. Lathe driver device. 2,377,072; May 29.
Clements, Ernest W., assignor to A. A. Kramer, Kansas City, Kans. Adjustable pressure relief valve. 2,386,293; Oct. 9.
Clements, Wilfred E.: *See*— Bishop, W. H., and Clements.
Clements, Willard J., assignor to Wetmore Reamer Company, Milwaukee, Wis. Instrument for setting position of a tool for the grinding thereof. 2,372,552; Mar. 27.
Clemmer, Julius B., and B. H. Clemmons, Tuscaloosa, Ala., assignors to United States of America as represented by the Secretary of the Interior. Flotation of iron ores. 2,383,467; Aug. 28.
Clemmons, Ballard H.: *See*— Clemmer, J. B., and Clemmons.

Clemons, Dale R., Riverside, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Mounting electrical condensers. 2,390,776; Dec. 11.
Clerc, Leonard F., Chicago, Ill. Control mechanism for refrigerating devices. 2,367,097; Jan. 9.
Clerc, Leonard F., Chicago, Ill. Refrigerated shipping container for use with aircraft. 2,382,859; Aug. 14.
Clerk, Edouard, assignor to The Robert Mitchell Co. Limited, Montreal, Quebec, Canada. Insulating window. 2,387,119; Oct. 16.
Cleveland Crane & Engineering Company, The: *See*— Everard, Frederick W., assignor.
Cleveland Graphite Bronze Company, The: *See*— Schaefer, Ralph A., assignor.
Cleveland, Harry W., Kendallville, Ind., assignor to Inland Wire Products Company, Chicago, Ill. Band tensioning tool. 2,368,969; Feb. 6.
Cleveland Hobbing Machine Co., The: *See*— Merrill, G. L., Carlin, and Batorski, assignors.
Cleveland Metal Hardening Company, The: *See*— Kuhns, Ernest L., assignor.
Cleveland Patents, Incorporated: *See*— Hickok, Robert D., assignor.
Cleveland Pneumatic Tool Company, The: *See*— Benedek, Elek K., assignor.
De Mooy, John, assignor.
Feucht, Albert, assignor.
Lear, Earl B., assignor.
Lear, E B., and Hope, assignors.
Lev, Andrew J., assignor.
Speth, Lloyd G., assignor.
Wallace, John F., assignor.
Cleveland Trencher Company, The: *See*— Askue, Albert R., assignor.
Cleveland Twist Drill Company, The: *See*— Wilson, W. and Brutvan, assignors.
Cleveland Welding Company, The: *See*— Bound, Harry E., assignor.
Cleveland, Willie O., Jr., Louisville, Ky. Mop pail. 2,379,476; July 3.
Cleveland Worm & Gear Company, The: *See*— Noble, Warren, assignor.
Cleven, Oluf L., Washington, D. C., and L. A. Wilson, Riva, Md. Filing receptacle. 2,389,612; Nov. 27.
Cleverly, Herbert R., Hamilton, New Zealand. Vacuum break milking machine. 2,371,803; Mar. 20.
Clewell, Dayton H., Dallas, Tex., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Pivot for gravity meters. 2,372,252; Mar. 27.
Clickner, Earle D., assignor to Shakespeare Products Company, Kalamazoo, Mich. Control quadrant. 2,373,225; Apr. 10.
Clifford, Albert M., Stow, assignor to Wingfoot Corporation, Akron, Ohio. Keto esters. 2,367,484; Jan. 16.
Clifford, Albert M., Stow, assignor to Wingfoot Corporation, Akron, Ohio. Keto esters. 2,376,033; May 15.
Clifford, Albert M., Stow, assignor to Wingfoot Corporation, Akron, Ohio. Substituted acrylonitrile polymers. 2,385,258; Sept. 18.
Clifford, Albert M., Stow, assignor to Wingfoot Corporation, Akron, Ohio. Copolymers. 2,387,385; Oct. 23.
Clifford, Albert M., and J. G. Lichty, Stow, Ohio, assignors to Wingfoot Corporation, Akron, Ohio. Amines. 2,368,521; Jan. 30.
Clifford, Albert M., Stow, and W. D. Wolfe, Cuyahoga Falls, assignors to Wingfoot Corporation, Akron, Ohio. Polymerization. 2,370,010; Feb. 20.
Clifford, Albert M., Stow, and W. D. Wolfe, Cuyahoga Falls, assignors to Wingfoot Corporation, Akron, Ohio. Modified butadiene polymers and making the same. 2,378,189; June 12.
Clifford, Albert M., Stow, and J. D. D'Ianni, Akron, Ohio, assignors to Wingfoot Corporation, Wilmington, Del. Alpha-chloroacrylonitrile and method of preparing the same. 2,384,889; Sept. 18.
Clifford, Albert M., Stow and W. D. Wolfe, Cuyahoga Falls, assignors to Wingfoot Corporation, Akro, Ohio. Improved butadiene-acrylonitrile copolymers. 2,386,661; Oct. 9.
Clifford, Albert M., Stow, and C. E. Gleim, assignors to Wingfoot Corporation, Akron, Ohio. Preparing a cyclic dicarboxylic acid anhydride. 2,391,226; Dec. 18.
Clifford, Albert M., Stow, Ohio, and C. F. Winans, Edgewood, Pa., assignors to Wingfoot Corporation, Akron, Ohio. Solvent extraction of synthetic latices. 2,391,227; Dec. 18.
Clifford, Fred T., Lewiston, Maine. Derrick. 2,373,743; Apr. 17.
Clifford, George E., Detroit, assignor, by mesne assignments, to Calumet and Hecla Consolidated Copper Company, Calumet, Mich. Appartaus for forming integral finned tubing. 2,385,498; Sept. 25.
Clifford Manufacturing Co.: *See*— Woods, John E., assignor.
Clifford, Theodore A., assignor of two-fifths to E. A. Grady, Chicago, Ill. Garment. 2,366,440; Jan. 2.
Clifford, Thomas W., assignor to Taylor, Taylor & Hobson Limited, Leicester, England. Optical projection apparatus. 2,391,132; Dec. 18.
Clifford, Wilfred J., Brentford, England, assignor, by mesne assignments, to Pyrene Development Corporation, Newark, N. J. Foam-producing method and apparatus. 2,376,122; May 15.
Clifford, Wilfred J., and H. H. Adams, Brentford, England, assignors to Parker Rust-Proof Company, Detroit, Mich. Phosphate coating of metals. 2,375,468; May 8.
Cliffs-Dow Chemical Company: *See*— Harrison, Robert R., assignor.
Clifton, Charles A., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Controller mechanism. 2,366,441; Jan. 2.
Clifton, Robert E., assignor to The Fulflo Specialties Company, Inc., Blanchester, Ohio. Relief valve. 2,366,598; Jan. 2.
Climax Molybdenum Company: *See*— Lina, Arthur, assignor. Parke, R. M., and Bens, assignors.
Cline, Delbert G., New Castle, assignor to H. & A. Selmer, Inc., Elkhart, Ind. Molding form. 2,374,420; Apr. 24.
Cline, Edwin L., Philadelphia, Pa., assignor to Allied Chemical & Dye Corporation, New York, N. Y. Stabilization of polymerizable compounds. 2,383,043; Aug. 21.
Cline, McGarvey, Jacksonville, Fla. Continuous retort. 2,385,775; Oct. 2.
Clingan, Irvine C., assignor to Rustless Iron and Steel Corporation, Baltimore, Md. Polishing stainless iron and steel. 2,379,066; June 26.
Clinkscale, Roy W., Vallejo, Calif., and W. McL. Hague and E. W. Sylvester, U. S. Navy. Cable connector. 2,379,424; July 3.
Clinton, Charles H., assignor to Spray Wax Sales Co., Milwaukee, Wis. Spray coating composition. 2,380,219; July 10.
Cloney, John H., Waterbury, Conn. Magnetic glazier's tool. 2,369,021; Feb. 6.
Clopay Corporation: *See*— Thexton, Arthur L., assignor.
Closson, Luke E., Detroit, Mich., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Antenna. 2,373,660; Apr. 17.
Cloud, Gould H.: *See*— Miller, P., and Cloud.
Cloud, Gould H., Linden, N. J., assignor to Standard Catalytic Company. Production of Diesel fuels. 2,366,490; Jan. 2.
Cloud, Raymond T., Los Angeles, Calif., assignor by mesne assignments, to Stanolind Oil and Gas Company, Tulsa, Okla. Amplification control in seismic surveying. 2,375,283; May 8.
Clough, Newsome H.: *See*— Green, E., and Clough.
Cloutier, Arthur N., Lonsdale, assignor to Hemphill Company, Central Falls, R. I. Method of knitting. 2,369,774; Feb. 20.
Cloutier, Arthur N., Lonsdale, assignor to Hemphill Company, Central Falls, R. I. Split-foot knitting machine. 2,385,611; Sept. 25.
Cloutier, Margaret M.: *See*— Cloutier, Raymond J. and M. M.
Cloutier, Raymond J., assignor of one-half to M. M. Cloutier, New Bedford, Mass. Cigarette and cigar holder. 2,371,426; Mar. 13.
Clover Foundry Company, The: *See*— Flora, Rudolph F., assignor.
Clow, James B., & Sons: *See*— Smotzer, Michael C., assignor.
Clowe, Henry W.: *See*— Sydenham, H. G., Clowe, and Du Bois.
Clower, Joseph B., Woodstock, Va. Dispensing attachment for containers. 2,385,195; Sept. 18.
Club Aluminum Products Co.: *See*— Peterson, Amos J., assignor.
Cluett, George B., 2nd.: *See*— Lake, Thomas A. E., assignor.
Cluett, Peabody & Co., Inc.: *See*— Touloumis, Simon, assignor.
Clute, Foster L.: *See*— Jorgenson, R. J., and Clute.
Clyburn, Andrew D., New Orleans, La., assignor of fifty percent to D. B. Shourds, Gulfport, Miss., C. E. Hooton, Houston, Tex., and E. Mogabgab, New Orleans, La. Holder for welding electrodes. 2,374,421; Apr. 24.
Clyde Iron Works, Inc: *See*— Berby, O. L., and Fox, assignors.
Coakley, Joseph P., Woodbine, N. J. Bee hive tool. 2,369,815; Feb. 20.
Coal Processing Company, The: *See*— Crecelius, Lawrence P., assignor.
Coast Reduction, Inc.: *See*— Cape, A. T., Foerster, and Griswold, assignors.
Coates, Clyde E., assignor to The Taylor-Winfield Corporation, Warren, Ohio. Hydraulic butt welder control. 2,373,226; Apr. 10.
Coates, Porter J., Cleveland, Ohio. Device for exterminating rats, etc. 2,371,152; Mar. 13.
Coats, Paul B., Chicago, Ill. Broom duster. 2,382,205; Aug. 14.
Coats, Paul B., Chicago, Ill. Mop. 2,384,602; Sept. 11.
Cobb, Everett H., Pawtucket, R. I., assignor of one-half to R. N. Stokes, Barrington, R. I. Winding machine. 2,371,876; Mar. 20.
Cobb, Frederick G., Charlotte, N. C., assignor to Pacific Mills, Boston, Mass. Loom. 2,373,293; Apr. 10.
Cobb, Le Roy E., assignor to Shakespeare Products Company, Kalamazoo, Mich. Knob assembly for control devices. 2,375,894; May 15.

Cobb, Robert S., and W. B. Moore, assignors to The Moore Enameling & Manufacturing Company, West Lafayette, Ohio. Making enameled cooking utensils. 2,388,723; Nov. 13.
Cobel, Ray C., assignor to A. H. Heisey & Company, Newark, Ohio. Glass receptacle. 2,378,355; June 12.
Coberly, Clarence J., Los Angeles, Calif., assignor to Roko Corporation, Reno, Nev. Fluid-operated pumping mechanism. 2,368,346; Jan. 30.
Cobourn, Delbert F., Portsmouth, Ohio, assignor to The Union Switch and Signal Company, Swissvale, Pa. Apparatus for controlling railway switches. 2,367,716; Jan. 23.
Cochran, Clyde E., Cleveland, Ohio, assignor to The Elwell-Parker Electric Company. Preventing the unauthorized operation of industrial trucks and the like. 2,389,765; Nov. 27.
Cocken, William Y., Jr., Pittsburgh, Pa. Floor structure. 2,377,211; May 29.
Cocken, William Y., Jr., Pittsburgh, Pa. Stair structure. 2,377,994; June 12.
Cocker Machine and Foundry Company: *See*— Bodansky, John C., assignor. Bodansky, J. C., and Whitener.
Cockerell, Christopher S., Chelmsford, England, assignor to Radio Corporation of America. Graduated scale indicator, such as may be used as tuning scales for radio receivers. 2,373,168; Apr. 10.
Cockerell, Christopher S., Chelmsford, England, assignor to Radio Corporation of America. Holder for piezo-electric crystals. 2,382,366; Aug. 14.
Cockley, Neel I., Chesney Downs, assignor to The Brown Instrument Company, Philadelphia, Pa. Control instrument. 2,376,573; May 22.
Cocks, Basil W. H., Middle Park, Victoria, Australia. Flight level indicating instrument. 2,383,468; Aug. 28.
Cocoselia, Anthony, Lynn, Mass. Shoemaking. 2,370,937; Mar. 6.
Coddington, Howard O., assignor to Andrews Company, Spartansburg, S. C. Ball bearing. 2,382,975; Aug. 21.
Coddington, Lloyd, assignor to Continental Machines, Incorporated, Minneapolis, Minn. File band. 2,372,553; Mar. 27.
Codlah, George, New York, N. Y. Outsole. 2,385,690; Sept. 25.
Codlah, George, New York, N. Y. Apparatus for making shoe soles. 2,390,991; Dec. 18.
Codlin, James B., Springfield, Ill., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Throttle lever. 2,378,686; June 19.
Codman, F. L., & J. C. Company: *See*— Hall, E. W., and Rock, assignors.
Coe, Albert A., Seattle, Wash., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,374,526; Apr. 24.
Coe, Eric R. C.: *See*— Connery, A. F., and Coe.
Coe, George B., Upper Montclair, N. J., assignor to Rockrite Processes, Inc., Stamford, Conn. Tube reducing mill. 2,388,251; Nov. 6.
Coe, Jerome T.: *See*— Reed, C. E. and Coe.
Coe Laboratories, Inc.: *See*— Vallandigham, Vance V., assignor.
Coe, Reginald T: *See*— Robinson, T. F., Coe, and Welch.
Coe, Urie M., Regina, Mont. Haystack fence. 2,376,903; May 29.
Coes, Loring, Jr., Brookfield, assignor to Norton Company, Worcester, Mass. Vitrified grinding wheels. 2,377,995; June 12.
Coes, Loring, Jr., Brookfield, assignor to Norton Company, Worcester, Mass. Primary aromatic amine formaldehyde resins and compositions and methods of making the same. 2,378,831; June 19.
Coes, Loring, Jr., Brookfield, assignor to Norton Company, Worcester, Mass. Primary aromatic amine aldehyde resins, methods of hardening the same, and products thereof. 2,378,832; June 19.
Coes, Loring, Jr., Brookfield, assignor to Norton Company, Worcester, Mass. Cross linked primary aromatic amine formaldehyde resins and making the same. 2,378,833; June 19.
Coes, Loring, Jr., Brookfield, assignor to Norton Company, Worcester, Mass. Primary aromatic amine aldehyde resin, products, and making the same. 2,378,834; June 19.
Coes, Loring, Jr., Brookfield, Mass., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of methacrylic acid. 2,379,625; July 3.
Coffed, Earl J., Depew, N. Y. Sash ventilator. 2,376,230; May 15.
Coffelt, Lowell E., Portland, Oreg. Waterwheel mounting. 2,385,967; Oct. 2.
Coffey, Daniel J., New York, N. Y. Cutter for containers 2,371,505; Mar. 13.
Coffey, Elmer W., La Grange, assignor to H. P. Smith Paper Company, Chicago, Ill. Rewinding mechanism. 2,387,644; Oct. 23.
Coffey, Irven E.: *See*— Ericson, G. R., and Coffey.
Coffey, Irven E., Normandy, assignor to Carter Carburetor Corporation, St. Louis, Mo. Pivotal mounting. 2,369,535; Feb. 13.
Coffey, Irven E., Normandy, assignor to Carter Carburetor Corporation, St. Louis, Mo. Fuel pump. 2,381,259; Aug. 7.
Coffin, Bruce A., Peabody, Mass. Golf tee. 2,391,392; Dec. 25.
Coffin, George M., Hinsdale, Ill. Trapper's tool. 2,382,774; Aug. 14.
Coffin, Joel S., Jr., Englewood, N. J., and C. A. Schellens, Clifton, Mass., assignors to C-S Engineering Company, Englewood, N. J. Locomotive superheater. 2,379,217; June 26.
Coffing, Frederick W., Danville, Ill. Combination hoist, jack, and wire stretcher. 2,377,324; June 5.
Coffing, Fredrick W., Danvillle, Ill. Motor vehicle and jack lifting connection. 2,378,835; June 19.
Coffing, Fredrick W., Danville, Ill. Motor vehicle and jack lifting connection. 2,378,836; June 19.
Coffman, Donald D., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Vinyl compounds and polymers therefrom. 2,374,078; Apr. 17.
Coffman, Donald D., Lindamere, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Ether esters. 2,384,726; Sept. 11.
Coffman, Donald D., Lindamere, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Products and process therefor. 2,387,495; Oct. 23.
Coffman, Donald D., Lindamere, and W. L. Alderson, Jr., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Organic nitrogen-containing compounds and their production. 2,373,870; Apr. 17.
Coffman, Donald D., and H. B. Stevenson, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthetic linear polyamides. 2,388,676; Nov. 13.
Coffman, Raphael T., North Arlington, and B. M. Marks, Newark, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymerization of organic liquids. 2,391,393; Dec. 25.
Cogan, Howard D., and R. W. Quarles, Pittsburgh, Pa. assignors to Carbide and Carbon Chemicals Corporation. Plastic composition containing polyvinyl partial acetal resins. 2,387,831; Oct. 30.
Cogbill, Joseph A., Fanwood, N. J. Wrench. 2,391,304; Dec. 25.
Coggeshall, Earl J: *See*— Nelms, G. C., Coggeshall, Berry, and Wilbur.
Coggeshall, Thellwell R., Bala Cynwyd, Pa., assignor to General Eelectric Company. Control of electric switches. 2,381,336;. Aug. 7.
Coggins, George F: *See*— Waldman, S., and Coggins.
Coghill, Philip S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Bag closure. 2,369,716; Feb. 20.
Coghill, Philip S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Bag closure. 2,373,744; Apr. 17.
Coghill, Robert D., and R. T. Milner, Peoria, Ill., assignors to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Heat transfer composition. 2,369,435; Feb. 13.
Coghlan, Charles A., Beacon, N. Y., and K. J. Korpi, Pasadena, Calif., assignors to The Texas Company, New York, N. Y. Solvent separation of unsaturated hydrocarbon mixtures. 2,372,176; Mar. 27.
Cogswell, Elliot P., Baltimore, Md., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Wiring and the like clip device. 2,376,314; May 15.
Cohan, Albert A. J., Philadelphia, Pa. Safety lock. 2,378,837; June 19.
Cohen, Aaron: *See*— Bergel, F., and Cohen. Bergel, F., Cohen, and Haworth.
Cohen, Abraham L., New York, N. Y. Glass-lifting device. 2,370,938; Mar. 6.
Cohen, Charles A., Elizabeth, N. J., assignor to Standard Oil Development Company. Soluble oil and producing same. 2,388,677; Nov. 13.
Cohen, Edward E., Boston, Mass. Shoe tap blank. 2,367,334; Jan. 16.
Cohen, Eli A., Stoneham, Mass. Counter portion for shoes. 2,391,445; Dec. 25.
Cohen, Eli A., Stoneham, Mass. Making counter portions. 2,391,446; Dec. 25.
Cohen, Frank A., Brooklyn, N. Y. Form constricting and molding garment. 2,388,525; Nov. 6.
Cohen, Harold. Elizabeth, N. J. Tower or mast. 2,369,533; Feb. 13.
Cohen, Harold. Elizabeth, N. J. Tower or mast. 2,369,534; Feb. 13.
Cohen, Harold, Elizabeth, N. J. Boom. 2,377,758; June 5.
Cohen, Harold. Elizabeth, N. J. Tower or mast construction. 2,387,120; Oct. 16.
Cohen, Harold A., Kingston, Ontario, Canada. Vent plug. 2,376,123; May 15.
Cohen, Harold W., assignor to Bee Bee Shoe Company, Manchester, N. H. Footwear. 2,379,681; July 3.
Cohen, Harry L., New York, assignor to S. & S. Corrugated Paper Machinery Co., Inc., Brooklyn, N. Y. Slitting and scoring machine. 2,377,130; May 29.

Cohen, Jacob, Los Angeles, Calif., now by judicial change of name Jack Victor Conway. Book lamp. 2,377,538; June 5.

Cohen, Jacob M., Washington, D. C. Protecting metal surfaces. 2,369,946; Feb. 20.

Cohen, Jess, et al.: *See*—
Konikoff, Robert H., assignor.

Cohen, Jesse J., assignor of fifteen percent to J. Heller, New York, N. Y. Water repellent composition and utilizing same. 2,375,348; May 8.

Cohen, Louis, et al.: *See*—
Maroney, Thomas A., assignor.

Cohen, Magnus, Chiswick, London, England. Button. 2,383,238; Aug. 21.

Cohen, Maryn, et al.: *See*—
Maroney, Thomas A., assignor.

Cohen, Max, Rochester, N. Y. Toy pistol. 2,376,662; May 22.

Cohen, May M.: *See*—
Cohen, Meyer, assignor.

Cohen, Meyer, assignor to M. M. Cohen, Forest Hills, N. Y. Holder. 2,389,717; Nov. 27.

Cohen, Morris, Kansas City, Mo., and D. W. Enoch, G. Hasty, and G. A. Jorgenson, Chicago, Ill., assignors to Interstate Bakeries Corporation, Kansas City, Mo. Treating dough. 2,383,774; Aug. 28.

Cohen, Nathan G., Brooklyn, N. Y. Animated toy. 2,378,190; June 12.

Cohen, Samuel A., Berkeley, C. D. Thurmond, El Cerrito, and L. S. Read, Piedmont, assignors to The Paraffine Companies, Inc., San Francisco, Calif. Floor covering drying oil vehicle and process therefor. 2,381,486; Aug. 7.

Cohen, Saul, et al.: *See*—
Maroney, Thomas A., assignor.

Cohen, Theodore A., assignor, by mesne assignments, to Wheelco Instruments Company, Chicago, Ill. Control apparatus. 2,374,652; May 1.

Cohen, Theodore A., assignor, by mesne assignments, to Wheelco Instruments Company, Chicago, Ill. Burner control apparatus. 2,388,386; Nov. 6.

Cohen, Theodore A., assignor, by mesne assignments, to Wheelco Instruments Company, Chicago, Ill. System for measuring the time interval for moving bodies to traverse predetermined distances. 2,388,387; Nov. 6.

Cohn, David: *See*—
Rolfsen, George B., assignor.

Cohn, David J., Chicago, Ill. Pipette. 2,376,231; May 15.

Cohn, David J., Chicago, Ill. Oxygen tent unit. 2,390,693; Dec. 11.

Cohn, Edwin J., Cambridge, Mass., assignor to Research Corporation, New York, N. Y. Protein product and process. 2,390,074; Dec. 4.

Cohn, Edwin J., Cambridge, and J. D. Ferry, Woods Hole, Mass., assignors to Research Corporation, New York, N. Y. Manufacture of plastic compositions. 2,385,803; Oct. 2.

Cohn-Hall-Marx Co.: *See*—
Rouse, Lillian M., assignor.

Cohn, Harold J., Los Angeles, Calif., assignor to Automatik Venetian Hardware Corporation. Cordless Venetian blind. 2,390,826; Dec. 11.

Cohn, Joseph: *See*—
Cohn, S. and J., and Walter.

Cohn, Samuel, New York, N. Y. Fabric cutting system. 2,387,386; Oct. 23.

Cohn, Samuel and J., New York, and J. G. Walter, Ridgewood, N. Y. Apparatus for spreading tubular fabrics. 2,385,402; Sept. 25.

Cohn, Samuel, New York, and J. G. Walter, Ridgewood, N. Y. Fabric feeding system. 2,391,547; Dec. 25.

Coker, John B., San Diego, Calif., assignor to The Brunswick-Balke-Collender Company, Chicago, Ill. Bowling score projector. 2,381,260; Aug. 7.

Colberg, Olaf A., Maywood, Ill., assignor to Replogle Globes, Inc. Geographical globe construction. 2,368,347; Jan. 30.

Colbert, William H., Brackenridge, Pa., assignor, by mesne assignments, to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Mirror or reflector. 2,390,424; Dec. 4.

Colbert, William H., and A. R. Weinrich, Brackenridge, Pa., assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Cleaning and coating glass, plastics, and other surfaces. 2,383,469; Aug. 28.

Colbert, William H. Brackenridge, Pa., and W. L. Morgan, Columbus, assignors, by mesne assignments, to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Mirror and reflector. 2,387,745; Oct. 30.

Colbeth, Ivor M., Maplewood, N. J. Treating organic compounds to produce drying products. 2,388,122; Oct. 30.

Colburn, Richard R., Waterloo, Iowa. Paving. 2,374,732; May 1.

Colby, Joseph M.: *See*—
Crawford, D. J., and Colby.

Colby, Joseph M., Grosse Pointe, Mich. Gun mount. 2,370,148; Feb. 27.

Colby, Joseph M., United States Army, Lake Mills, Iowa. Firing grip. 2,383,471; Aug. 28.

Coldehoff, Ferdinand A.: *See*—
Blount, H., and Coldehoff.

Coldwell, Joe D., assignor to E. Boydell & Company Limited, Manchester, England. Reversible steering mechanism for mechanically propelled vehicles. 2,384,890; Sept. 18.

Coldwell, John S.: *See*—
Coldwell, Joseph, assignor.
Ehlers, G. M., Coldwell, and Kodama.

Coldwell, Joseph, assignor to J. S. Coldwell, Fall River, Mass. Shuttle threading and tensioning device. 2,383,239; Aug. 21.

Cole, Allen T.: *See*—
Schilling, K. F., Cole, Duke, and Houston.

Cole, Arthur E., Detroit, Mich. Ice tray. 2,367,098; Jan. 9.

Cole, Arthur R., Bridgeport, Conn. Roller carrier device. 2,367,754; Jan. 23.

Cole, Bernard T., Burbage, assignor to B. Toone (Nottingham) Limited, Nottingham, England. Knitting hosiery and circular knitting machine therefor. 2,372,554; Mar. 27.

Cole, Donald P., Catonsville, Md., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Frequency modulation system. 2,390,777; Dec. 11.

Cole, Edward J., Peekskill, assignor to Cole Machinery Mfg. Corp., New York, N. Y. Apparatus for feeding and orienting crowned nut or article blanks. 2,379,564; July 3.

Cole, Edward J., Peekskill, N. Y., assignor to Cole Machinery Mfg. Corp. Cold rolled grip bolt. 2,380,944; Aug. 7.

Cole, Edward J., Peekskill, assignor to Cole Machinery Mfg. Corp., New York, N. Y. Making grip nuts from punched blanks. 2,388,467; Nov. 6.

Cole Electric Products Co. Inc.: *See*—
Jensen, Helge, assignor.

Cole, Emory W., Alto, Tex. Steerable front wheel drive tractor. 2,376,419; May 22.

Cole, George A., East Cleveland, Ohio. Cutoff tool. 2,391,133; Dec. 18.

Cole, Gilmoure N.: *See*—
Parkins, W. A., Cole, and Smith.

Cole, Gilmoure N., Manchester, assignor to United Aircraft Corporation, East Hartford, Conn. Attachment joint. 2,380,684; July 31.

Cole, Gordon M., Corona, assignor to California Fruit Growers Exchange, Los Angeles, Calif. Production of calcium citrate. 2,389,766; Nov. 27.

Cole, John W.: *See*—
Julian, P. L., Cole, Magnani, and Conde.

Cole Machinery Mfg. Corp.: *See*—
Cole, Edward J., assignor.

Cole, Nelson E., assignor to Parish Pressed Steel Company, Reading, Pa. Adjustable splice. 2,366,698; Jan. 9.

Cole, Paul M., Auburn, N. Y., and A. Lodge, Meadville, Pa., assignors to American Viscose Corporation, Wilmington, Del. Method and apparatus for treating filamentary material. 2,371,579; Mar. 13.

Cole, Ralph C., Bartlesville, Okla., assignor to Phillips Petroleum Company. Purification of hydrofluoric acid. 2,376,328; May 22.

Cole, Robert M., Long Beach, assignor to Shell Development Company, San Francisco, Calif. Application of metal sulphide catalysts. 2,373,626; Apr. 10.

Cole, Sandford S.: *See*—
Agnew, W. Y., and Cole.
Kingsbury, F. L., Cole, and Anderson.

Cole, Thomas M., New York, N. Y., assignor to Federal Electric Products, Inc., Newark, N. J. Circuit breaker. 2,370,448; Feb. 27.

Cole, Thomas M., New York, N. Y., assignor to Federal Electric Products Company, Inc., Newark, N. J. Switch operating mechanism. 2,379,130; June 26.

Colegrove, Charles E., Lakewood, Ohio, assignor to Sears, Roebuck and Company, Chicago, Ill. Presser bar vibrating device for darning. 2,386,840; Oct. 16.

Colegrove, Charles E., Lakewood, Ohio, assignor to Sears, Roebuck and Company, Chicago, Ill. Sewing machine arm. 2,390,571; Dec. 11.

Coleman, Arnold B., Chicago, Ill. Projector utility case. 2,390,922; Dec. 11.

Coleman, Clarence E., Buffalo, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Extrusion apparatus. 2,387,718; Oct. 30.

Coleman, Edwin D., Maywood, Ill. Electrode structure for pH measurement and control devices. 2,383,450; Aug. 28.

Coleman, Gerald H.: *See*—
Britton, E. C., Coleman, and Schroeder.

Coleman, Gerald H., assignor to The Dow Chemical Company, Midland, Mich. N-hydrocarbon substituted alkanolamine salts of halo-phenols. 2,382,976; Aug. 21.

Coleman, Gerald H., and G. A. Griess, assignors to The Dow Chemical Company, Midland, Mich. Insecticidal and fungicidal materials. 2,369,137; Feb. 13.

Coleman, Gerald H., W. D. Schroeder, and G. A. Griess, assignors to The Dow Chemical Company, Midland, Mich. Insecticidal amides. 2,384,811; Sept. 18.

Coleman, Gerald H., W. D. Schroeder, and G. A. Griess, assignors to The Dow Chemical Company, Midland, Mich. Insecticidal toxicants. 2,384,812; Sept. 18.

Coleman, Gerald H., and F. B. Smith, assignors to The Dow Chemical Company, Midland, Mich. N-hydrocarbon substituted alkanolamine salts of dinitro-phenols. 2,385,795; Oct. 2.

Coleman, Gerald H., W. D. Schroeder, and G. A. Griess, assignors to The Dow Chemical Company, Midland, Mich. Insecticidal compositions. 2,386,779; Oct. 16.

Coleman, John H.: *See*—
Ten Eyck, H. S., Chocholak, and Coleman.

Coleman, John H., Plainfield, N. J., assignor to Southern Phosphate Corporation, Baltimore, Md. Manufacture of pure phosphoric acid. 2,384,813; Sept. 18.

Coleman, John H., Plainfield, N. J., assignor to Southern Phosphate Corporation, New York, N. Y. Production of pure phosphoric acid and intermediate products. 2,384,814; Sept. 18.

Coleman Lamp and Stove Company, The: *See*—
Coleman, W. C., and Martin, assignors.
Martin, Russell, assignor.
Olds, Ambrose D., assignor.

Coleman, Philip G., Jacksonville, Fla. Level-wind mechanism. 2,377,996; June 12.

Coleman, Philip G., assignor of one-fourth to R. Troxel, Cincinnati, Ohio. Closure. 2,381,207; Aug. 7.

Coleman, Roy E., Chicago, Ill., assignor to Time, Incorporated. Preparing zein solutions directly from gluten. 2,377,290; May 29.

Coleman, Roy E., Chicago, Ill., assignor to Time, Incorporated. Preparation of zein solutions directly from gluten. 2,377,291; May 29.

Coleman, Roy E., Chicago, Ill., assignor to Time, Incorporated. Preparing zein solutions directly from gluten. 2,388,388; Nov. 6.

Coleman, Roy E., Chicago, Ill., assignor to Time, Incorporated. Preparation of zein solutions directly from gluten. 2,388,389; Nov. 6.

Coleman, William C., and R. Martin, assignors to The Coleman Lamp and Stove Company, Wichita, Kans. Heater unit for air circulating heaters. 2,386,437; Oct. 9.

Coley, Nelson B., assignor to General Railway Signal Company, Rochester, N. Y. Coded track circuits for railroads. 2,381,722; Aug. 7.

Colgate-Palmolive-Peet Company: *See*—
Allen, H. D., and Kline, assignors.
Arrowsmith, C. J., and Ross, assignors.
Davey, Warren, assignor.
Dreger, Emil E., assignor.
Dreger, E. E., and Bell, assignors.
Glossop, Glenn A., assignor.
Ittner, Martin H., assignor.
Keim, Gerald I., assignor.
Keim, G. I., and Ross, assignors.
Kirschenbauer, Hans G., assignor.
Percy, Joseph H., assignor.
Meredith, Trenton, assignor.
Mitchell, Joseph E., assignor.
Ross, John, assignor.
Trent, Walter R., assignor.
Turck, Joseph A. V., Jr., assignor.
Turck, J. A. V., Jr., and Ross, assignors.
Walker, G. D., Gulsnam, and Krysa, assignors.

Colgren, Charles A., Jeffersonville, Ind. Cushion tire. 2,378,130; June 12.

Colica, Vincenzo, Brooklyn, N. Y. Rudder tiller lock. 2,367,196; Jan. 16.

Collatz, Ferdinand A., St. Paul, Minn., assignor to General Mills, Inc. Making cereal product. 2,388,904; Nov. 13.

Colley, Arthur R.: *See*—
Spurlino, P., Carroll, Colley, and Kibler.
Spurlino, P., Colley, Lehman, and Gantner.

Colley, Arthur R., Oakwood, assignor to The National Cash Register Company, Dayton, Ohio. Accounting machine. 2,390,870; Dec. 11.

Colley, George F., assignor to W. R. Beddingfield, Augusta, Ga. Cable terminal lifter for batteries. 2,375,081; May 1.

Colley, George F., assignor to W. R. Beddingfield, Augusta, Ga. Adjustable wrench or pliers. 2,375,082; May 1.

Colley, Russell S., Kent, and C. P. Krupp, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Detachable junction box for inflatable suits. 2,389,895; Nov. 27.

Collie, Benjamin: *See*—
Burgoine, E., Collie, and New.

Collier, Nolan O., Sr.: *See*—
Collier, Nolan O., Jr., assignor.

Collier, Nolan O., Jr., assignor of one half to N. O. Collier, Sr., Montgomery, Ala. Exhaust concealing and silencing device. 2,372,765; Apr. 3.

Collier, William B., Tallmadge, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Pulley. 2,371,283; Mar. 31.

Collings, Frederick C., Jr., Riverton, N. J., assignor to Radio Corporation of America. Facsimile apparatus. 2,376,034; May 15.

Collings, Frederick C., Jr., Riverton, N. J., assignor to Radio Corporation of America. Facsimile apparatus. 2,376,035; May 15.

Collings, Thomas J., New York, N. Y. Motor vehicle. 2,377,838; June 5.

Collings, William R., R. D. Freeman and M. J. Roberts, Midland, Mich., and W. O. Hisey, Syracuse, N. Y., assignors to The Dow Chemical Company, Midland, Mich. Purification of wood pulp. 2,385,259; Sept. 18.

Collins, Arthur A., El Paso, Tex., assignor to America Smelting and Refining Company, New York, N. Y. Smelting copper-lead drosses and the like. 2,381,970; Aug. 14.

Collins, Benjamin W., Swarthmore, Pa., assignor to American Viscose Corporation, Wilmington, Del. Gas purification. 2,378,689; June 19.

Collins, Benjamin W., Swarthmore, Pa., assignor to American Viscose Corporation, Wilmington, Del. Identification of materials. 2,390,512; Dec. 11.

Collins, Burton T., Eureka, Utah. Combination science table. 2,377,539; June 5.

Collins, Edith M., Albany, N. Y. Cabinet. 2,370,231; Feb. 27.

Collins, Gladstone E., Atlanta, Ga. Fare receiver. 2,367,999; Jan. 23.

Collins, Harry, New York, N. Y. Undergarment. 2,383,590; Aug. 28.

Collins, Henry M., Shawinigan Falls, Quebec, assignor to Shawinigan Chemicals Limited, Montreal, Quebec, Canada. Polymerization in emulsion. 2,388,600; Nov. 6.

Collins, Henry M., Shawinigan Falls, assignor to Shawinigan Chemicals Limited, Montreal, Quebec, Canada. Polymerization of vinyl esters. 2,388,601; Nov. 6.

Collins, Hope L., Ferndale, Mich. Work holding device. 2,378,912; June 26.

Collins, Howard W., Newark, Ohio, assignor to Owens-Corning Fiberglas Corporation. Making and packaging strands of material. 2,386,158; Oct. 2.

Collins, James J., New York, N. Y. Firearm. 2,386,543; Oct. 9.

Collins, John N., Birmingham, and C. Ashton, Wakefield, England. Apparatus for cooling, drying, and desilting granular material. 2,384,891; Sept. 18.

Collins, Laurence J., Marblehead, Mass., assignor to General Electric Company. Torque applying device. 2,371,607; Mar. 20.

Collins, Paul F., assignor to Austenal Laboratories, Inc., Chicago, Ill. Refractory mold. 2,380,945; Aug. 7.

Collins Radio Company: *See*—
May, Richard W., assignor.
Oberweiser, Gilbert E., assignor.
Wulfsberg, Paul G., assignor.

Collins, Ralph A., White Plains, N. Y., assignor to The Reece Button Hole Machine Company, Boston, Mass. Stop mechanism operating means. 2,367,187; Jan. 16.

Collins, Tappan, Dormont, Pa., assignor to Carnegie-Illinois Steel Corporation. Producing structural members. 2,376,574; May 22.

Collins, William B.: *See*—
Russell, J. K., Collins, and Boggs.

Collins, William P., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Storm window. 2,375,349; May 8.

Collito, Victor S., Newark, N. J. Spherical self-alignment bearing device. 2,380,150; July 10.

Collom, Cletus J., Detroit, Mich. Timing control system. 2,391,009; Dec. 18.

Colman, Frederick & Sons, Inc.: *See*—
Berg, William A., assignor.

Colman, Henry J., Addlestone, England. Self-locking nut. 2,367,929; Jan. 23.

Colman, Howard B., Belleville, assignor to National Oil Products Company, Harrison, N. J. Preparation of vitamin B concentrates. 2,369,775; Feb. 20.

Colman, Howard D., assignor to Barber-Colman Company, Rockford, Ill. System of communication. 2,380,894; July 31.

Colombo, Achille, New York, N. Y. Typewriting machine. 2,375,526; May 8.

Colonial Broach Company: *See*—
Gotberg, Harry H., assignor.
Welte, Benedict, assignor.

Colonial Insulator Company, The: *See*—
Hemphill, Rayburn W., assignor.

Colonial Radio Corporation: *See*—
Chandler, James F., assignor.
McGarvey, Harold J., assignor.

Colonnade Company, The: *See*—
Roberts, Arthur, assignor.

Colony, Donald G.: *See*—
Colony, John M., assignor.

Colony, John K.: *See*—
Colony, John M., assignor.

Colony, John M., deceased, West Newton; M. W. Colony, executrix, assignor to D. G. Colony, Cambridge, and J. K. Colony, Newton, Mass. Homogenizing machine. 2,389,486; Nov. 20.

Colony, Margaret W., executrix: *See*—
Colony, John M.

Color Research Corporation: *See*—
Grimson, Samuel B., assignor.

Colorado Iron Works Company: *See*—
Abbott, R. H., and Dickson, assignors.
Dickson, Thomas A., assignor.

Colson, Herman H., Teaneck, N. J., assignor to Aluminum Company of America, Pittsburgh, Pa. Work handling unit. 2,390,293; Dec. 4.

Colt, Rutger B., Baltimore, Md., and R. R. Chappell, Richmond, Va., assignors to Bendix Aviation Corporation, South Bend, Ind. Recording system. 2,374,653; May 1.

Colton, Henry S., Cleveland, Ohio, R. L. Knowles, Bronxville, N. Y., and R. W. Frischmuth, Cleveland, Ohio. Producing sodium and potassium phosphates. 2,387,746; Oct. 30.

Colt's Patent Fire Arms Manufacturing Company: *See*—
Conner, Benjamin F., assignor.
Ironside, George, assignor.
Swartz, William L., assignor.
Webb, George, assignor.

Colucci, Giovanni, Harbor Island, and J. Colucci, Jr., Wilmington, N. C. Machine for cutting veneer. 2,379,682; July 3.

Colucci, John, Jr.: *See*—
Colucci, Giovanni and J.

Columbia Blindstitch Machine Co., Inc.: *See*—
Schifter, Joseph, assignor.

Columbia Mills, Inc., The: *See*—
Shirley, Clifford H., assignor.

Columbia Protektosite Company, Inc.: *See*—
Baldanza, Nicholas T., assignor.

Columbia River Packers Association, Inc.: *See*—
Hendrickson, Jay D., assignor.

Columbian Bank Note Company: *See*—
Francescon, Daniel L., assignor.

Columbian Carbon Company: *See*—
Wiegand, W. B., and Braendle, assignors.

Columbian Rope Company: *See*—
Bowen, Kenneth H., assignor.
Koon, Archie W., assignor.
Peacock, Ralph W., assignor.
Wilson, Earl L., assignor.

Columbus Auto Parts Company, The: *See*—
Flumerfelt, William A., assignor.

Columbus Coated Fabrics Corporation: *See*—
Hedges, W. D., Lowman, and Kerr, assignors.
Hyatt, C. S., and Kerr, assignors.

Columbus McKinnon Chain Corporation: *See*—
Mabney, C. J., and Moore, assignors.
Parker, Humphrey F., assignor.
Parker, H. F., and Stinson, assignors.
Winter, Otto W., assignor.
Winter, O. W., and Middlestead, assignors.

Columbus Show Case Company, The: *See*—
Aschinger, William F., assignor.

Colvin, James W., and F. V. H. Judd, assignors to United Aircraft Corporation, East Hartford, Conn. Fuel proportioning device. 2,372,766; Apr. 3.

Colwell, Archie T., Cleveland, Ohio, assignor to Thompson Products, Inc. Polishing hollow stem valves. 2,373,459; Apr. 10.

Colwell, Otha L.: *See*—
Bernstein, W. F., Mika, Lillis, and Colwell.

Combs, Elisha T.: *See*—
Olsen, B. A., Combs, and Nelson.

Combustion Engineering Company, Inc.: *See*—
Blery, John E., assignor.
Harris, Anderson W., assignor.
Kruger, Theodore, assignor.
Patterson, Ward S., assignor.
Patterson, W. S., and Barnes, assignors.
Place, Palmer B., assignor.

Comet Model Airplane & Supply Company: *See*—
Goldberg, Carl, assignor.

Comey, Fred H.: *See*—
Kraft, H. T., and Comey.

Comfort, Harry B., Webster Groves, Mo. Angle plate. 2,366,385; Jan. 2.

Comfort Products Corporation: *See*—
Spitzka, Bruno J., assignor.

Comfy Manufacturing Company, The: *See*—
Waranch, Theodore, assignor.

Comiskey, Frederick K.: *See*—
Coss, G. R., and Comiskey.

Commer Cars Limited: *See*—
White, Charles H., assignor.

Commerce, United States of America as represented by the Secretary of: *See*—
Deitz, Victor R., assignor.
Isbell, Horace S., assignor.

Commercial Controls Corporation: *See*—
Dohl, R. A., and Ziegelhoefer, assignors.
Ryan, Commodore D., assignor.
Ryan, C. D., and Drake, assignors.
Sager, F. P., and Ryan, assignors.
Sager, F. P., Bergmark, Ryan, and Atherton, assignors.

Commercial Solvents Corporation: *See*—
Bogin, Charles, assignor.
Dolian, Frank E., assignor.
Hines, George E., Jr., assignor.
Hodge, Edward B., assignor.
Johnson, Harold G., assignor.
McMillan, Graham W., assignor.
Morey, Glen H., assignor.
Rudert, Frank J., assignor.
Senkus, Murray, assignor.
Smith, Everet F., assignor.
Stengel, L. A., and Maple, assignors.
Tryon, Philip F., assignor.
Walton, Milford T., assignor.
Wampner, Herbert L., assignor.

Commonwealth Engineering Company of Ohio, The: *See*—
Waldie, William A., assignor.

Communication Patents, Inc.: *See*—
Nicholson, Alexander M., assignor.

Compagnon, Patrice H. M., and J. N. L. Le Bras, Paris, France; vested in the Alien Property Custodian. Processes for the amelioration of rubber. 2,388,905; Nov. 13.

Compain, Jerónimo D., Central Senado, Cuba. Hand soap. 2,373,460; Apr. 10.

Compare, Alberto, Milan, Italy; vested in the Alien Property Custodian. Automatic record disk changing device for phonographs. 2,371,222; Mar. 13.

Compo Shoe Machinery Corporation: *See*—
Card, William C., assignor.
Card, William C., Jr., assignor.
Crandell, Ervin L., assignor.
Macdonald, Kenneth W., assignor.
Marasco, Harold E., assignor.
Natanson, Michael, assignor.
Smith, John F., assignor.
Stratton, Michael G., assignor.

Comprehensive Fabrics, Inc.: *See*—
Hannan, Douglas, assignor.

Comptois, Gedeon R., New York, N. Y. Tobacco pipe. 2,391,548; Dec. 25.

Compton, George R.: *See*—
Bosch, Edward S., assignor.

Compton, Henry P., assignor of one-fourth to J. A. Autry, one-fifth to C. M. Pucker, one-fifth to W. A. Stewman, twenty one-two hundredths to A. K. Doss, one-four hundredths to R Scott, Abilene, and one-fiftieth to S. Snodgrass, San Angelo, Tex. Parking time indicator. 2,369,717; Feb. 20.

Compton, Henry P., and J. A. Autry, Abilene, Tex. Package vending machine. 2,373,014; Apr. 3.

Compton, Jack, Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Organic sulphur compounds. 2,388,468; Nov. 6.

Compton, James A., South Euclid, Ohio, assignor to Pesco Products Co. Booster pump. 2,370,778; Mar. 6.

Compton, James A., South Euclid, and A. Paul, Cleveland, Ohio, assignors to Pesco Products Co. Pump diaphragm seal. 2,382,960; Aug. 21.

Compton, Norman A., Suitland, Md. Ridge counter appliance. 2,382,206; Aug. 14.

Compton, Walter A., and J. M. Treneer, assignors to Miles Laboratories, Inc., Elkhart, Ind. Tablet and dissolving same. 2,387,244; Oct. 23.

Comstock, Alfred E., assignor to The Murray Corporation of America, Detroit, Mich. Burnishing tool. 2,378,838; June 19.

Comstock, Earle H., Norwalk, Conn., assignor to R. T. Vanderbilt Company, Inc., New York, N. Y. Stabilized alkali-alpha-naphthylamine. 2,370,011; Feb. 20.

Comstock, Gregory J., Summit, N. J., assignor to F. W. Berk & Company, New York, N. Y. Comminution of molten metals. 2,384,892; Sept. 18.

Comstock, Rock L., Weeks, assignor to Bay Chemical Company, Inc., New Orleans, La. Stabilized furfural. 2,384,238; Sept. 4.

Comstock, Rock L., and H. F. Reeves, Jr., Weeks, assignors to Bay Chemical Company, Inc., New Orleans, La. Furfural stabilizer. 2,382,207; Aug. 14.

Conant, David J., Cleveland Heights, assignor to Jack & Heintz, Inc., Bedford, Ohio. Fluid coupling. 2,389,841; Nov. 27.

Conard, Harry N.: *See*—
Robertson, T. C., Conard, and Richards.

Conaway, Ernest A., and J. H., Chicago, Ill. Seal tag. 2,372,811; Apr. 3.

Conaway, Jean H.: *See*—
Conaway, Ernest A., and J. H.

Conaway, Rollin F., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of 2-methyl-4-keto-1,3-dioxolane. 2,370,779; Mar. 6.

Conaway, Rollin F., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Stretching cellulose ester yarn. 2,385,403; Sept. 25.

Conboy, Russell D., Waterbury, assignor to Casco Products Corporation, Bridgeport, Conn. Heat-responsive device. 2,367,639; Jan. 16.

Conde, Harold E.: *See*—
Julian, P. L., Cole, Magnani, and Conde.

Condenser Development Corporation: *See*—
Cramer, Stanley S., assignor.
Teaf, John H., assignor.

Condit, Park N., Newton, Mass. Absorbent holder. 2,382,385; Aug. 14.

Condon, Robert S., Rutland, Vt. Milling machine. 2,383,910; Aug. 28.

Cone Automatic Machine Company Inc: *See*—
Ingalls, John, assignor.
Miller, C. E., and Ingalls, assignors.

Cone, Charles N., assignor to M and M Wood Working Company, Portland, Oreg. Producing weather-resistant glue bond. 2,389,183; Nov. 20.

Cone, Russell C., assignor of one-third to W. G. Hatcher, Mine Centre, Ontario, Canada. Charge forming device for internal-combustion engines. 2,386,594; Oct. 9.

Cones, Ben, Indianapolis, Ind. Air motor. 2,379,683; July 3.

Cones, Ben, Indianapolis, Ind. High lift valve. 2,380,631; July 31.

Cones, Ben, Indianapolis, Ind. Clothes closet pole. 2,382,003; Aug. 14.

Coney, James D., Chicago, Ill. Garment hanger. 2,374,329; Apr. 24.

Coney, James D., Chicago, Ill. Garment hanger. 2,374,330; Apr. 24.

Coney, James D., Chicago, Ill., assignor to Star-Service Hanger Division, L. A. Young Spring and Wire Corporation, Detroit, Mich. Garment hanger. 2,368,348; Jan. 30.

Congoleum-Nairn Inc.: *See*—
Spitsli, Donald H., assignor.

Conkle, Carl J., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Transmission. 2,380,927; Aug. 7.

Conlan, David, New York, N. Y. Electrical apparatus. 2,383,109; Aug. 21.

Conlan, David, New York, assignor to Conlan Electric Corporation, Brooklyn, N. Y. Door switch. 2,391,549; Dec. 25.

Conlan, David, Brooklyn, assignor to Conlan Electric Corporation, New York, N. Y. Door switch. 2,374,585; Apr. 24.

Conlan Electric Corporation: *See*—
Conlan, David, assignor.

Conlon, John W., Granby, Conn. Oscillating or reversing mechanism. 2,389,232; Nov. 20.

Conmar Products Corporation: *See*—
Andler, Robert F., assignor.
Jones, Lester L., assignor.
Low, Richard, assignor.
Mikulas, William, assignor.
Ulrich, F., assignor.

Conn, Arthur L., assignor to Standard Oil Company, Chicago, Ill. Powdered catalyst conversion. 2,377,613; June 5.

Conn, C. G., Ltd.: *See*—
Kent, Earle L., assignor.

Conn, Miller W., Bartlesville, Okla., assignor to Phillips Petroleum Company. Catalytic desulphurization process. 2,378,064; June 12.

Conn, Miller W., Bartlesville, Okla., assignor to Phillips Petroleum Company. Catalytic dehydrogenation. 2,389,342; Nov. 20.

Conn, Robert C., and F. H. Adams, Bound Brook, and J. P. Goulding, Neshanic Station, N. J., assignors to American Cyanamid Company, New York, N. Y. Azo dyestuff derivatives of aminobenzo-p-dioxans. 2,379,684; July 3.

Conn, Roy: *See*—
Harrold, Harmon H., assignor.

Conn, William R.: *See*—
Neher, H. T., and Conn.

Connecticut Web and Buckle Company, The: *See*—
Oliver, Lee, assignor.

Connel, Frank H. R., et al.: *See*—
Woodhull, Frederick W., assignor.

Connell, John L., assignor to National Broach & Machine Company, Detroit, Mich. Headstock. 2,382,608; Aug. 14.

Connell, Lloyd E., and L. W. Jones, San Francisco, Calif. Vehicle wheel block device. 2,386,595; Oct. 9.

Connelly, Will H., Park Ridge, Ill. Paint and drawing sheet. 2,371,153; Mar. 13.

Conner, Benjamin F., West Hartford, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Article of manufacture and making the same. 2,372,177; Mar. 27.

Conner, Herbert W.: *See*—
Crosley, R. W., and Conner.

Conner, Samuel W., Dallas, and J. R. Neil and P. A. Nemoede, Fort Worth, Tex., assignors to Container Corporation of America, Chicago, Ill. Container. 2,374,177; Apr. 24.

Connery, Alder F., Great Neck, assignor to Postal Telegraph-Cable Company (New York), New York, N. Y. Duplex balance indicator. 2,379,866; July 10.

Connery, Alder F., Great Neck, N. Y., and E. R. C. Coe, Chatham, N. J., assignors to Postal Telegraph-Cable Company (New York), New York, N. Y. Telegraph code converter. 2,379,865; July 10.

Connolly, Gerald C., Baton Rouge, La., assignor to Standard Oil Development Company. Cracking oils with a catalyst. 2,366,491; Jan. 2.

Connor, Kirke W., Oxford, and J. E. Kline, Grosse Pointe Farms, assignor to Micromatic Hone Corporation, Detroit, Mich. Peening surfaces. 2,373,871; Apr. 17.

Connor, Roger, assignor to The McBee Company, Athens, Ohio. Card sorting machine. 2,389,343; Nov. 20.

Connor, William B.: *See*—
Dauphinee, George S., assignor.

Conrad, Albert G., Mount Carmel, assignor to Manning, Maxwell & Moore, Inc., Bridgeport, Conn. Electrical remote-reading position-indicating apparatus. 2,379,417; July 3.

Conrad, Albert G., Mount Carmel, assignor to Superior Electric Company, Bristol, Conn. Adjustable-speed polyphase alternating-current motor apparatus. 2,379,867; July 10.

Conrad, Albert G., Mount Carmel, assignor to Manning, Maxwell & Moore, Inc., Bridgeport, Conn. Electrical measuring instrument. 2,382,295; Aug. 14.

Conrad, Eugene J., Columbus, Ohio. Piston ring. 2,391,134; Dec. 18.

Conrad, Karl F. and L. F. Koberlein, Buffalo, assignors to Allied Chemical & Dye Corporation, New York, N. Y. Symmetrical disazo dyestuffs. 2,384,283; Sept. 4.

Conrad, Samuel L., Columbus, Ohio. Muscle kneading and massaging device. 2,377,131; May 29.

Conradty, Ottmar, Rothenbach on the Pegnitz, Germany; vested in the Alien Property Custodian. Carbon brake body and metal holder unit. 2,388,123; Oct. 30.

Consolidated Aircraft Corporation: *See*—
Metheny, C. E., and Marker, assignors.
Smith, Frank M., assignor.

Consolidated Car Heating Company, Inc.: *See*—
Parsons, Robert J., assignor.

Consolidated Engineering Corporation: *See*—
Berry, Clifford E., assignor.
Hoskins, Edmund P., assignor.
Hoskins, E. E., and Langmuir, assignors.
Langmuir, Robert V., assignor.
Lawlor, R. C., and Metcalf, assignors.
Metcalf, Herbert E., assignor.
Taylor, Daniel D., assignor.
Washburn, Harold W., assignor.
Zaikowsky, Wladimir M., assignor.
Zaikowsky, W. M., and Metcalf, assignors.

Consolidated Mining and Smelting Company, The: *See*—
Lepsoe, Robert, assignor.

Consolidated Mining and Smelting Company of Canada, Limited, The: *See*—
Moore, A. W., Moran, Christian, and Morris, assignors.

Consolidated Packaging Machinery Corporation: *See*—
Allen, Howard G., assignor.
Ekstrand, Ernest W., assignor.

Consolidated Razor Blade Co., Inc.: *See*—
Worley, Ernest W., assignor.

Consolidated Sewing Machine & Supply Co. Inc.: *See*—
Ingwer, M., and Schwarz, assignors.

Consolidated Vultee Aircraft Corporation: *See*—
Allen, James R., assignor.
Cederwall, Leonard O., assignor.
Davis, Frank W., assignor.
Giffen, Harvey D., assignor.
Gwinn, Joseph M., and Smeltzer, assignors.
Hall, Theodore P., assignor.
Harrison, Verne S., assignor.
Klose, Alfred J., assignor.
Laddon, I. M., and Berger, assignors.
Livers, Carlos B., assignor.
O'Hare, George W., assignor.
Rekosh, Nate, assignor.
Reynolds, Edwin A., assignor.
Rice, Livingston L., assignor.
Sines, Harvey S., assignor.
Weaver, John S., assignor.

Consolidated Water Power and Paper Company: *See*—
Fisher, Harry C., assignor.
Thiele, W. F., and Beadle, assignors.

Constance, Alvin, Carsonville, Mo. Retaining device. 2,389,344; Nov. 20.

Constant Speed Airscrews Limited: *See*—
Marshall, Frederick G., assignor.

Consumers' Plan: *See*—
Mendes, John C.

Container Corporation of America: *See*—
Arthur, William H., assignor.
Conner, S. W., Neil, and Nemoede, assignors.
Forbes, Jerry U., assignor.
Fox, Vernie A., assignor.
Lowey, Roy E., assignor.
Potter, Earl C., assignor.
Van Saun, Raymond H., assignor.
Walton, Richard R., assignor.

Continental Can Company: *See*—
Coyle, John, assignor.
Coyle, J., and Punte, assignors.
Dukehart, Morton McI., Jr., assignor.
Eggers, Hans A., assignor.
Fink, Henry A., assignor.
Kronquest, Alfred L., assignor.
O'Neil, James H., assignor.
Pearson, Paul E., assignor.
Pearson, P. E., and Treff, assignors.
Pittner, John A., assignor.
Punte, William F., assignor.
Schmidt, John E., assignor.
Slosberg, Harry M., assignor.
Vang, Alfred, assignor.

Continental Can Company, Inc: *See*—
Bloedorn, Clyde H., assignor.
Fink, Henry A., assignor.
Hermani, Louis, assignor.
Hill, Hugh G., assignor.
Kimmig, E. W., and Peters, assignors.
Kronquest, Alfred L., assignor.
Laxo, Ed, assignor.
Leonhart, William F., assignor.
Maier, C. E., Flugge, and Pfeffer, assignors.
O'Brien, Frank J., assignor.
O'Brien, F. J., and Maier, assignors.
Punte, William F., assignor.
Schmitt, Otto A., assignor.

Continental-Diamond Fibre Company: *See*—
Haroldson, Arthur, assignor.

Continental Gin Company: *See*—
McDaniel, L. L., and Deems, assignors.
Reece, James S., assignor.

Continental Machinery Co., Inc.: *See*—
Vetorino, John E., assignor.
Continental Machines, Incorporated: *See*—
Coddington, Lloyd, assignor.
Continental Motors Corporation: *See*—
Ginn, E., and Casselman, assignors.
Vincent, Edward T., assignor.
Continental Oil Company: *See*—
Bennett, Edwin O., assignor.
Lincoln, B. H., and Byrkit, assignors.
Lincoln, B. H., and Neilson, assignors.
Rieber, Frank, assignor.
Contour Saws, Incorporated: *See*—
Anderson, William T., assignor.
Control Instrument Company, Inc.: *See*—
Brand, Frederick B., assignor.
Lehde, Henry, assignor.
Stenhammer, Harold T., assignor.
Urquhart, Noel, assignor.
Contryman, Thereon A., Oswego, assignor to St. Regis Paper Company, New York, N. Y. Bag valve. 2,378,283; June 12.
Converse, Julius: *See*—
Cerny, J. A., and Converse.
Roberts, E. W., and Converse.
Converse Rubber Company: *See*—
Talalay, Joseph A., assignor.
Conway, Donald J., assignor to American Utilities Corporation, Cleveland, Ohio. Apparatus for mixing and dispensing fluids of different densities. 2,390,871; Dec. 11.
Conway, Hugh G., Warrington, England, assignor to Aeronautical & Mechanical Investments Limited. Hydraulic telecontrol device. 2,373,745; Apr. 17.
Conway, Jack V., judicial change of name: *See*—
Cohen, Jacob.
Conway, Leon F., assignor to F. S. Bloom, Pittsburgh, Pa. Combustion apparatus. 2,375,625; May 8.
Conway, Otto J. O., Tacoma, Wash. Welder's hood. 2,384,798; Sept. 18.
Conway, William E., Los Angeles, Calif. Combined road map reel and sun visor. 2,377,614; June 5.
Conwell, William J., Elwood, Ind. Game. 2,378,983; June 26.
Cook, Alton A., Glen Ridge, C. Tjorn, and J. Zaparanick, Westfield, assignors to Arkansas Company, Inc., Newark, N. J. Preparation of sulphated fatty esters. 2,371,284; Mar. 31.
Cook, Alton A., Glen Ridge, and E. B. Whitworth, Hillside, assignors to Arkansas Company, Inc., Newark, N. J. Formation of fire-retardant and water-repellent finishes. 2,381,487; Aug. 7.
Cook, Charles B., Los Angeles, Calif. Hydraulic transmission. 2,372,357; Mar. 27.
Cook, Earle S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake and power interlock apparatus. 2,381,208; Aug. 7.
Cook, Ellsworth D., Scotia, N. Y., assignor to General Electric Company. Expander circuit for oscilloscopes. 2,368,448; Jan. 30.
Cook, Ellsworth D., Scotia, N. Y., assignor to General Electric Company. Expander circuit for oscilloscopes. 2,368,449; Jan. 30.
Cook, Ellsworth D., Scotia, N. Y., assignor to General Electric Company. Double diaphragm loud-speaker. 2,371,951; Mar. 20.
Cook, Elmer W.: *See*—
Major, R. T., and Cook.
Cook, Elmer W., assignor to American Cyanamid Company, New York, N. Y. Soap antioxidant. 2,375,626; May 8.
Cook, Elmer W., New York, N. Y., and W. D. Thomas, Jr., Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Lubricating compositions. 2,368,000; Jan. 23.
Cook, Elmer W., New York, N. Y., and W. D. Thomas, Jr., Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Lubricating oils. 2,369,632; Feb. 13.
Cook, Elmer W., New York, N. Y., and W. D. Thomas, Jr., Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Acyl phenyl dithiophosphoric acids and their preparation. 2,372,358; Mar. 27.
Cook, Elmer W., New York, N. Y., and W. D. Thomas, Jr., Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Complex dithiophosphoric acid esters. 2,373,811; Apr. 17.
Cook, Elmer W., New York, N. Y., and W. D. Thomas, Jr., Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Esters of salicylic acid monosulphide and salts thereof. 2,380,685; July 31.
Cook, Elmer W., New York, N. Y., and W. D. Thomas, Jr., Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Dithiophosphoric acids and salts thereof. 2,382,775; Aug. 14.
Cook, Elmer W., New York, N. Y., and W. D. Thomas, Jr., Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Stabilization of motor fuels. 2,385,757; Sept. 25.
Cook, Elmer W., New York, N. Y., and W. D. Thomas, Jr., Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Hydrocarbon oil composition. 2,389,110; Nov. 13.
Cook, Erwin L., Hammond, Ind. Portable power threader. 2,374,176; Apr. 24.
Cook, Frank G., Atlanta, assignor to Alexander Dittler, De Kalb County, Ga. Combined paper feeding and gumming machine for labels and the like. 2,377,295; May 29.
Cook, George W., Washington, D. C. Coupling means. 2,369,138; Feb. 13.
Cook, George W., Los Angeles, Calif. Blind rivet. 2,381,113; Aug. 7.
Cook, Gerhard A., Snyder, N. Y., assignor to Carbide and Carbon Chemicals Corporation. Production of hydrogen peroxide. 2,368,640; Feb. 6.
Cook, Gerhard A., Snyder, N. Y., assignor to Carbide and Carbon Chemicals Corporation. Retarding decomposition of peroxide vapors. 2,368,806; Feb. 6.
Cook, Harold H., Steward, Ill. Corn harvester. 2,378,286; June 12.
Cook, James F., Albany, assignor to Union Oil Company of California, Los Angeles, Calif. Lubricating composition. 2,382,860; Aug. 14.
Cook, John C., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Luminescent target. 2,372,359; Mar. 27.
Cook, John H., Rock Island, Ill. Signaling system. 2,390,992; Dec. 18.
Cook, Judson A., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Gauging apparatus. 2,387,645; Oct. 23.
Cook, Leonard W., Stratford, Conn., assignor to General Electric Company. Apparatus for starting discharge lamps. 2,379,131; June 26.
Cook, Leonard W., Stratford, Conn., assignor to General Electric Company. Heat control device. 2,383,291; Aug. 21.
Cook, Leonard W., Stratford, Conn., assignor to General Electric Company. Lock-out switch for fluorescent lamp starters. 2,391,680; Dec. 25.
Cook, Louis B.: *See*—
Abrams, A. J., and Cook.
Cook, Norman L., Chicago, Ill. Camera construction. 2,368,970; Feb. 6.
Cook, Percy, Waltham, Mass. Web guiding and stretching mechanism. 2,374,980; May 1.
Cook, Roland T., assignor to New Jersey Optical Company, Irvington, N. J. Eyeglass frame. 2,372,059; Mar. 20.
Cook, Shirley S., Sharon, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electrical apparatus. 2,384,799; Sept. 18.
Cook, Stanley S., and L. M. Douglas, Wallsend-on-Tyne, assignors to The Parsons Marine Steam Turbine Company Limited, Wallsend-on-Tyne, England. Power installation. 2,367,099; Jan. 9.
Cook, Stanley V., Dayton, and C. E. Waring, Oakwood, assignors to General Motors Corporation, Dayton, Ohio. Desiccating agent. 2,388,390; Nov. 6.
Cook, Willard G., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control system. 2,379,132; June 26.
Cook, Willard G., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electrical ground detector. 2,390,778; Dec. 11.
Cooke, Edward F., Jr.: *See*—
Roach, E. J., and Cooke.
Cooke, Edward F., assignor to Beaumont Iron Works Company, Beaumont, Tex. Well completion apparatus. 2,386,841; Oct. 16.
Cooke, Ernest S., Leawood, Kans. Clutch mechanism. 2,371,804; Mar. 20.
Cooke, Giles B., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Aluminum coating. 2,374,331; Apr. 24.
Cooke, Giles B., and V. A. Ryan, assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Cap. 2,377,402; June 5.
Cooke, Hereward L., Princeton, N. J., assignor to Aero Survey Corporation. Carving method and projector. 2,374,981; May 1.
Cooke, Jessie C., Streatham Hill, London, England. Taking measurements for the production of garments 2,374,654; May 1.
Cooke, John P., Los Angeles, assignor to Lockheed Aircraft Corporation, Burbank, Calif. Clamping and securing device. 2,389,184; Nov. 20.
Cooke, William T., Huntington, and K. L. Schussman, Hempstead, assignors to Sperry Gyroscope Company, Brooklyn, N. Y. Tuning control mechanism. 2,380,946; Aug. 7.
Cookston, Fletcher R., Los Angeles, Calif. Paper container. 2,376,904; May 29.
Coolidge, Cole, and J. S. Reese, IV, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Insoluble cellulose derivatives and their production. 2,375,838; May 15.
Coombes, Joseph H.: *See*—
Ekserdjian, C. L., and Coombes.
Coombes, Joseph H., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Brake mechanism. 2,382,543; Aug. 14.
Coombs, Joseph C., Santa Ana, Calif. Spark plug cap adjuster. 2,388,953; Nov. 13.
Coombs, Preston W.: *See*—
Ott, H. S., and Coombs.

Coombs, Robert E., Washington, D. C., assignor to United States Government, as represented by the Secretary of the Navy. Life preserver. 2,377,865; June 12.
Cooney, John R., Waldoboro, Maine. Reproduction of sound. 2,387,832; Oct. 30.
Cooney, Lawrence J., Pittsburgh, Pa., assignor, by mesne assignments, to Keystone Signalphone Company. Sound emitting device. 2,370,939; Mar. 6.
Cooney, Mark: *See*—
Booharin, Leo Y., assignor.
Coonradt, Harry L.: *See*—
Badertscher, D. E., Coonradt, and Crowley.
Daley, H. G., Crowley, Badertscher, and Coonradt.
Coons, Burton C., assignor to Food Machinery Corporation, San Jose, Calif. Fruit handling machine. 2,375,350; May 8.
Coons, Burton C., assignor to Food Machinery Corporation, San Jose, Calif. Apparatus for declustering fruit. 2,382,134; Aug. 14.
Coons, Burton C., assignor to Food Machinery Corporation, San Jose, Calif. Method and apparatus for pitting fruit. 2,382,961; Aug. 21.
Coons, Curtis C., assignor to The Hoover Company, North Canton, Ohio. Refrigeration. 2,379,278; June 26.
Coons, Curtis C., assignor to The Hoover Company, North Canton, Ohio. Refrigeration. 2,386,438; Oct. 9.
Coop, William L., Hawthorne, Calif. Torque thumb screw. 2,373,812; Apr. 17.
Cooper, Alfred, Croydon, England, assignor to Rubatex Products, Inc., New York, N. Y. Sponge rubber products. 2,383,110; Aug. 21.
Cooper, Basil P., and J. B. Thorne, Leicester, England, assignors to United Shoe Machinery Corporation, Flemington, N. J. Rivet setting machine. 2,367,265; Jan. 16.
Cooper, Benjamin, Jersey City, N. J. Paper feed device. 2,366,001; Jan. 23.
Cooper, Benjamin, Netcong, N. J. Damping device. 2,368,002; Jan. 23.
Cooper, Benjamin, Scotia, N. Y., assignor to General Electric Company. Light sensitive electric valve system. 2,373,543; Apr. 10.
Cooper, Benjamin, and O. W. Livingston, Scotia, N. Y., assignors to General Electric Company. Electric control circuit. 2,373,545; Apr. 10.
Cooper-Bessemer Corporation: *See*—
Boyer, Ralph L., assignor.
Cooper, Carla, et al: *See*—
Bowman, Lee, assignor.
Cooper, Charles A., Jr., et al.: *See*—
Bowman, Lee, assignor.
Cooper, Charles G., Yuma, Ariz. Conduit coupling means. 2,371,805; Mar. 20.
Cooper, Daniel W., Waltham Chase, assignor to Cunliffe-Owen Aircraft, Limited, Swaythling, near Southhampton, England. Release link. 2,386,932; Oct. 16.
Cooper, Earl H., Toledo, Ohio, assignor to J. Rousso, Los Angeles Calif. Towel cabinet. 2,367,200; Jan. 16.
Cooper, Earl H., Toledo, Ohio, assignor to J. Rousso, Los Angeles, Calif. Pinch roll assembly. 2,367,201; Jan. 16.
Cooper, Earl H., Toledo, Ohio, assignor to J. Rousso, Los Angeles, Calif. Dispensing cabinet structure. 2,367,202; Jan. 16.
Cooper, Earl H., Toledo, Ohio, assignor to J. Rousso, Los Angeles, Calif. Roll holder. 2,367,203; Jan. 16.
Cooper, Howard G., and F. M. Thatcher, Clairton, Pa. Treatment of crude tar acids for the selective removal of acidic contaminants. 2,369,022; Feb. 6.
Cooper, Hugh S., Cleveland, Ohio. Alloys for high temperature service use. 2,370,395; Feb. 27.
Cooper, Hugh S., Cleveland, Ohio. Electrical resistance alloys. 2,387,980; Oct. 30.
Cooper, Hugh S., assignor of one-half to F. H. Wilson, Cleveland, Ohio. Manufacturing boron trichloride. 2,369,212; Feb. 13.
Cooper, Hugh S., assignor of one-half to F. H. Wilson, Cleveland, Ohio. Degasification and decarburizing molten metal baths and improving agent therefor. 2,369,213; Feb. 13.
Cooper, Hugh S., assignor of one-half to F. H. Wilson, Cleveland, Ohio. Purifying boron trichloride. 2,369,214; Feb. 13.
Cooper, Hugh S., Cleveland, assignor, by direct and mesne assignments, to Acme Aluminum Alloys, Inc., Dayton, Ohio. Reducing magnesium oxide. 2,387,979; Oct. 30.
Cooper, James F., Akron, B. J. Schnitser, Stow, and M. L. Flickinger, assignors to Wingfoot Corporation, Akron, Ohio. Pneumatic float for aircraft. 2,375,973; May 15.
Cooper, John K., near Laurens, S. C. Loom grate cleaner. 2,367,564; Jan. 16.
Cooper, Joseph T., Alhambra, Calif. Strapping or banding machine. 2,371,806; Mar. 20.
Cooper, Leon, et al., executors: *See*—
Heller, Alexander G.
Cooper, Mary K., Dayton, Ohio. Convertible davenport. 2,367,266; Jan. 16.
Cooper, Max, Paterson, N. J. Coin holder. 2,390,057; Dec. 4.
Cooper, Robert H., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Preparation of disulphides. 2,375,083; May 1.
Cooper, Robert H., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Thiocarbamyl piperidyl sulphides. 2,388,236; Nov. 6.
Cooper, Stanley M., assignor to The Fafnir Bearing Company, New Britain, Conn. Seal bearing. 2,375,166; May 1.
Cooper, William A.: *See*—
Macdonald, W. G., and Cooper.
Cooper, William A., assignor to William Cotton Limited, Loughbough, England. Cotton's patent and other straight bar knitting machine. 2,382,544; Aug. 14.
Cooper, William H.: *See*—
Bishop, J. H., and Cooper.
Cooperation Development Co.: *See*—
Irwin, E. M., Lewis, Duval, Rule, and Chenoweth, assignors.
Cooper's, Incorporated: *See*—
Kneibler, Arthur R., assignor.
Coopey, Walter, Charleston, W. Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Packing reciprocable elements. 2,369,883; Feb. 20.
Coote, Harry E., North Wembley, England. Color photography. 2,367,335; Jan. 16.
Cope, Daniel, Philadelphia, Pa. Head protector. 2,367,006; Jan. 9.
Cope, Wilfrid C., Whoberley, Coventry, England. Collet chuck. 2,391,550; Dec. 25.
Coplen, George, Denver, Colo. Drill bit (detachable). 2,367,458; Jan. 16.
Copley, Michael J.: *See*—
Zellhoefer, G. F., Marvel, and Copley.
Copley-Smith, L., & Sons, Limited: *See*—
Nock, John T., assignor.
Copperweld Steel Company: *See*—
Leib, F. E., and Wilbur, assignors.
Corbett, Enos A., Rockford, Ill. Baby's bath chair. 2,379,340; June 26.
Corbett, Joseph R., Cincinnati, Ohio, assignor to NuTone, Incorporated, New York, N. Y. Fingernail drier. 2,374,472; Apr. 24.
Corbett, Joseph R., Sharonville, Ohio, assignor to NuTone, Incorporated, New York, N. Y. Chime signal. 2,386,738; Oct. 9.
Corbi, Joseph L., Washington, D. C. Shirt. 2,387,060; Oct. 16.
Corbin, Francis L., Chatham, N. J., assignor to Pitometer Log Corporation, New York, N. Y. Fore-and-aft draft indicator. 2,382,691; Aug. 14.
Corbin, Fred A., Gary, and H. F. Netzhammer, Hobart, Ind. Heating furnace and burner therefor. 2,389,027; Nov. 13.
Corbin, Philip J., Salisbnry, Mass. Structural element. 2,382,208; Aug. 14.
Corbin, Wesley S., Ridley Park, Pa., F. Chilson, Scarsdale, N. Y., P. L. Tollison, North Plainfield, N. J., C. S. Caffrey, Port Washington, N. Y., and A. F. Pilon, North Plainfield, N. J., assignors to Scott Paper Company, Chester, Pa. Continuous winding machine. 2,385,691; Sept. 25.
Corbin, Wesley S., Ridley Park, Pa., P. L. Tollison and A. F. Pilon, North Plainfield, N. J., F. Chilson, Scarsdale, and C. S. Caffrey, Port Washington, N. Y., assignors to Scott Paper Company, Chester, Pa. Continuous winding machine. 2,385,692; Sept. 25.
Corcoran, John J.: *See*—
Hull, S. P., Corcoran, and Lundy.
Cordell, John W., Oklahoma City, Okla. Sheet folding. 2,386,933; Oct. 16.
Corderman, Roy C., Maplewood, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Communication system. 2,388,906; Nov. 13.
Cordero, Tulio, West Roxbury, Mass., assignor to United-Rexall Drug Company. Transparent mixture. 2,382,398; Aug. 14.
Cordiano, Hugo V., J. J. De Paolo, and H. Lacks, New York, N. Y. Pneumatic hammer testing machine. 2,389,138; Nov. 20.
Cordiano, Joseph J., Brooklyn, assignor to Hardy Metallurgical Company, New York, N. Y. Powder metallurgy. 2,370,396; Feb. 27.
Cordier, David E., Toledo, Ohio, assignor, by mesne assignments, to Libbey-Owens-Ford Glass Company. Urea-formaldehyde composition. 2,384,367; Sept. 4.
Cordis, Nat, Chicago, Ill. Typewriter ribbon guide. 2,386,439; Oct. 9.
Corda, William H., San Diego, Calif. Internal-combustion engine. 2,368,412; Jan. 30.
Cordwell, Zelma P., Glen Ridge, N. J. Collapsible container. 2,366,770; Jan. 9.
Coren, Lewis W., Chicago, Ill. Timer.. 2,372,253; Mar. 27.
Corey, Lorin A., Cleveland Heights, assignor to Industrial Rayon Corporation, Cleveland, Ohio. Machining parts. 2,387,214; Oct. 16.
Corhart Refractories Company: *See*—
Field, T. E., and Smyth, assignors.
Corley, Buren L., San Francisco, Calif. Sleep cap. 2,367,459; Jan. 16.
Corliss, Raymond H., assignor of one-half to J. Papanicolas, Washington, D. C. Connector. 2,388,954; Nov. 13.
Cormier, Gustave J., Jr., San Antonio, Tex. Machine for untwisting rope and the like. 2,390,923; Dec. 11.

Corn, Bertha, Dallas, Tex. Limb-conforming device and making the same. 2,367,336; Jan. 16.
Corn Products Refining Company: *See*—
Cantor, Sidney M., assignor.
Harding, Albert T., assignor.
James, Albert L., assignor.
Kerr, Ralph W., assignor.
Leuck, Gerald J., assignor.
Monte, Richard N., assignor.
Monte, R. N., and Gottfried, assignors.
Schoch, Thomas J., assignor.
Stewart, Charles W., assignor.
Cornelius Company, The: *See*—
Cornelius, Richard T., assignor.
Cornelius, James R., Coventry, England. Making fine measurements. 2,387,496; Oct. 23.
Cornelius, Richard T., Minneapolis, Minn. Dispensing device. 2,372,360; Mar. 27.
Cornelius, Richard T., assignor to The Cornelius Company, Minneapolis, Minn. Beer dispensing device. 2,373,294; Apr. 10.
Cornell-Dubilier Electric Corporation: *See*—
Dubilier, William, assignor.
Robinson, William M., assignor.
Weiss, Felix, assignor.
Cornell, Fay D.: *See*—
Jacobson, Edwin, assignor.
Cornell, Fay D., San Gabriel, and E. Jacobsen, Altadena, Calif.; said Jacobsen assignor to said Cornell. Transfer mechanism. 2,390,924; Dec. 11.
Cornell, Mead, Cleveland, Ohio, and G. H. Meinser, Glendale, Calif.; said Meinzer assignor to said Cornell. Lubricated rubber compositions. 2,368,522; Jan. 30.
Cornelia, Emanuel, Lombard, Ill. Wire connector. 2,388,724; Nov. 13.
Corner, Arthur C., Calcutta, India, assignor to Automatic Telephone & Electric Company, Limited, London, England. Automatic adjusting arrangement for electrical networks. 2,384,727; Sept. 11.
Cornforth, Robert M., Gary, Ind., assignor to Standard Oil Company, Chicago, Ill. Conversion of hydrocarbons. 2,372,711; Apr. 3.
Corning Glass Works: *See*—
Clapp, Charles W., assignor.
Daudt, William D., assignor.
Daudt, William H., assignor.
Fleming, Robert F., Jr., assignor.
Gray, David E., assignor.
Greene, Charles H., assignor.
Guyer, E. M., Littleton, and Shaw, assignors.
Hinkley, R. A., and Miller, assignors.
Hood, Harrison P., assignor.
Hyde, James F., assignor.
Jackson, John K., assignor.
McGregor, R. R., and Warrick, assignors.
Torok, Julius J., assignor.
Wexell, H. A., and MacLaren, assignors.
Wismer, William R., assignor.
Cornish, Irving R., Elmhurst, assignor of one-third to G. N. Paxton, and one-third to J. W. Paxton, Bloomington, Ill. Filing cabinet guide-separator. 2,368,349; Jan. 30.
Cornish, Irving R., Elmhurst, assignor of one-third to J. W. Paxton, and one-third to G. N. Paxton, Bloomington, Ill.; A. L. Paxton and The National Bank of Bloomington, executors of said G. N. Paxton, deceased. Desk. 2,386,092; Oct. 2.
Cornthwaite, William R., Niagara Falls, and N. D. Scott, Sanborn, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Vinyl trimethyl acetate and synthetic resins made therefrom. 2,381,338; Aug. 7.
Cornutt, Ora R., Lees Summit, Mo. Automatic display apparatus. 2,387,121; Oct. 16.
Cornwell, Ralph T. K.: *See*—
Reichel, R. H., and Cornwell.
Cornwell, Ralph T. K., assignor to Sylvania Industrial Corporation, Fredericksburg, Va. Producing a plasticizing composition. 2,386,381; Oct. 9.
Cornwell, Ralph T. K., assignor to Sylvania Industrial Corporation, Fredericksburg, Va. Producing butylene glycol by fermentation and recovering the product. 2,390,779; Dec. 11.
Cornwell, Ralph T. K., assignor to Sylvania Industrial Corporation, Fredericksburg, Va. Making coated textile materials and the articles produced therefrom. 2,390,780; Dec. 11.
Cornwell, Samuel C., Cambridge, Mass., and W. A. Schmidt, Easton, Pa., assignors to General Aniline & Film Corporation, New York, N. Y. Liquid level measuring apparatus. 2,375,084; May 1.
Corporacion Peruna del Amazonas: *See*—
Garriga, José M., assignor.
Corso, Frank S., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Folding door. 2,374,925; May 1.
Corson, Ben B., and C. D. Maxutov, assignors to Universal Oil Products Company, Chicago, Ill. Reducing the carbon-forming tendency of catalytic masses. 2,375,402; May 8.
Corte, Alfred, Glendale, Calif., assignor, by mesne assignments, to Lockheed Aircraft Corporation. Ammunition feed. 2,378,191; June 12.
Cortese, Francesco P., Detroit, Mich. Boat. 2,380,220; July 10.
Corwin, J. F., and W. R. Moffitt, Bainbridge, assignors to The Bordon Company, New York, N. Y. Conditioning resin glues. 2,372,178; Mar. 27.
Cory Glass Coffee Brewer Co., Not Inc.: *See*—
Alsdorf, James W., assignor.
Cory, Samuel I., Towaco, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Pulse repeating system. 2,366,834; Jan. 9.
Cory, Samuel I., Towaco, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Pulse repeating system. 2,366,835; Jan. 9.
Cosentino, Joseph, Richmond Hill, assignor to Man-Sew Pinking Attachment Corp., New York, N. Y. Sewing machine presser foot. 2,384,454; Sept. 11.
Cosmetic Container Corp.: *See*—
Seager, J. C., and Jensen, assignors.
Cosneck, Bernard J., St. Louis, and B. J. Kessler, Clayton, Mo. Weapon. 2,383,957; Sept. 4.
Coss, George R., and F. K. Comiskey, assignors to Eureka Vacuum Cleaner Company, Detroit, Mich. Electric motor construction. 2,372,660; Apr. 3.
Coss, Harold T., Somerville, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Making mineral wool product. 2,375,284; May 8.
Coss, Harold T., and G. T. Pearce, Somerville, and G. A. Downsbrough, Princeton, N. J., assignors to Johns-Manville Corporation, New York, N. Y. Jet control. 2,386,294; Oct. 9.
Cossin, Hursle E., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Range apparatus. 2,367,007; Jan. 9.
Cossin, Hursle E., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Range apparatus. 2,384,075; Sept. 4.
Cossor, A. C., Limited: *See*—
Bedford, L. H., Jofeh, and Stevens, assignors.
Fleming-Williams, Brian C., assignor.
(Humphreys, T. D., assignor), and Dodds.
Cost, William A., assignor to Marmon-Herrington Company, Inc., Indianapolis, Ind. Armored tank construction. 2,389,028; Nov. 13.
Costa, Alvaro da Silva, Rio de Janeiro, Brazil. Tonsillotome. 2,377,540; June 5.
Costa, Ralph E., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Article handling and leakage testing apparatus. 2,371,128; Mar. 13.
Costello, J. S., & Son Brush Co.: *See*—
Brennan, Frank C. and J. S., and Reyss, assignors.
Brennan, John S., assignor.
Costello, Joseph F., assignor to Lanston Monotype Machine Company, Philadelphia, Pa. Vacuum holder. 2,379,279; June 26.
Cosway, Richard: *See*—
Booth, W. E., and Cosway, assignors.
Cota, Alvin F., assignor to A. O. Smith Corporation, Milwaukee, Wis. X-ray film holder. 2,381,261; Aug. 7.
Cotchett, Louis M., Hingham, Mass., assignor to Saco-Lowell Shops, Boston, Mass. Spinning frame. 2,391,135; Dec. 18.
Cotchett, Louis M., Hingham, Mass., assignor to Saco-Lowell Shops, Boston, Mass. Spinning frame creel. 2,391,295; Dec. 18.
Cote, Willard: *See*—
Soule, G. C., and Cote.
Cothran, Charles De W., assignor to Brogdex Company, Pomona, Calif. Treatment of fresh fruits and vegetables in preparation for market. 2,383,451; Aug. 28.
Cottingham, Edward A.: *See*—
Kilgore, Joseph D., assignor.
Cotton, Aubrey P., St. Matthews, S. C. Signaling system. 2,371,506; Mar. 13.
Cotton, James H., Toronto, Ontario, Canada. Micro wave control apparatus. 2,388,880; Nov. 13.
Cotton, Lucy, Miami, Fla. Collapsible commode. 2,376,036; May 15.
Cotton, Robert B.: *See*—
McClure, William H.
Cotton, William, Limited: *See*—
Cooper, William A., assignor.
Macdonald, W. G., and Cooper, assignors.
Wilders, George, assignor.
Woodcock, Herbert E., assignor.
Cotton, William J., Chicora, assignor to Pennsylvania Coal Products Company, Petrolia, Pa. Purification of dihydroxy benzene compounds. 2,381,209; Aug. 7.
Cotton, William J., Chicora, assignor to Pennsylvania Coal Products Company, Petrolia, Pa. Production of zingerone. 2,381,210; Aug. 7.
Cottrell, C. B., & Sons Company: *See*—
Barber, Howard M., assignor.
Luehrs, Hans J., assignor.
Luehrs, H. J., and Cottrell, assignors.
Meyer, Joseph E., assignor.
Cottrell, Herbert, Point Pleasant, N. J. Device for making rosettelike articles. 2,381,337; Aug. 7.
Cottrell, Philip W.: *See*—
Luehrs, H. J., and Cottrell.
Cottrell, Robert B., assignor to American Steel Foundries, Chicago, Ill. Car truck. 2,366,180; Jan. 2.
Cottrell, Robert B., assignor to American Steel Foundries, Chicago, Ill. Spring group. 2,366,181; Jan. 2.

Cottrell, Robert B., assignor to American Steel Foundries, Chicago, Ill. Friction shoe. 2,366,957; Jan. 9.
Cottrell, Robert B., assignor to American Steel Foundries, Chicago, Ill. Car truck. 2,368,641; Feb. 6.
Cottrell, Robert B., assignor to American Steel Foundries, Chicago, Ill. Friction device. 2,372,936; Apr. 3.
Cottrell, Robert B., assignor to American Steel Foundries, Chicago, Ill. Truck. 2,375,207; May 8.
Cottrell, Robert B., assignor to American Steel Foundries, Chicago, Ill. Car truck. 2,375,208; May 8.
Cottrell, Robert B., assignor to American Steel Foundries, Chicago, Ill. Accelerometer. 2,377,212; May 29.
Cottrell, Robert B., assignor to American Steel Foundries, Chicago, Ill. Snubber. 2,379,626; July 3.
Cottrell, Robert B., assignor to American Steel Foundries, Chicago, Ill. Friction absorbing device. 2,381,404; Aug. 7.
Couch, Howard H., Wright Field, Ohio. Cam type governor control for maintaining synchronization of governors. 2,370,149; Feb. 27.
Couch, Royden O., Melbourne, Fla. Grubbing machine. 2,379,280; June 26.
Conlbourn, Howard D., Wynnewood, Pa. Valve. 2,376,124; May 15.
Coulson, Walter, assignor to Ex-Cell-O Corporation, Detroit, Mich. Rotary spindle drive. 2,381,488; Aug. 7.
Coultas, Wilbur J., assignor to Deere & Company, Moline, Ill. Mower. 2,383,452; Aug. 28.
Coultas, Wilbur J., and E. T. Johnson, Moline, and J. A. Walker, East Moline, assignors to Deere & Company, Moline, Ill. Elevator. 2,373,169; Apr. 10.
Coupard, Christian J., Paris, France, assignor to the firm of Symben Aktiengesellschaft, Vaduz, Liechtenstein. Production from acetylene of aromatic hydrocarbons and of saturated and unsaturated hydrocarbons. 2,377,759; June 5.
Courcy, Georges, Le Pecq, and M. P. Durand, Saint-Germain en Laye, France; vested in the Alien Property Custodian. Mechanical-electrical sound reproducer. 2,368,003; Jan. 23.
Courcy, Georges, Le Pecq, and M. P. Durand, St.-Germain-en-Laye, France; vested in the Alien Property Custodian. Mechanical-electrical sound reproducer. 2,382,692; Aug. 14.
Courson, Oliver H., Memphis, Tenn. Sash guide and support. 2,375,974; May 15.
Court, Frank T., assignor to Deere & Company, Moline, Ill. Power lift. 2,369,436; Feb. 13.
Court, Frank T., assignor to Deere & Company, Moline, Ill. Power lift. 2,369,437; Feb. 13.
Court, Frank T., assignor to Deere & Company, Moline, Ill. Grain conveyer. 2,377,760; June 5.
Court, Frank T., assignor to Deere & Company, Moline, Ill. Retractable support. 2,388,308; Nov. 6.
Courtaulds Limited: *See*—
Atkinson, Cyril P., assignor.
Hegan, H. J., and Givens, assignors.
Hodson, E., and Soutter, assignors.
MacGregor, James H., assignor.
Wormell, Robert L., assignor.
Wormell, R. L., and Knight, assignors.
Courtis, Joseph W.: *See*—
Komives, L. I., Courtis, and Thomas.
Courtney, Gerald, Hollywood, Calif. Eyeglasses. 2,382,962; Aug. 21.
Courtney, Nicholas P., New York, N. Y. Cigarette ejecting device. 2,382,977; Aug. 21.
Couse, Kibbey W., Newark, N. J. Lathe fitting for machining pipe and the like. 2,370,718; Mar. 6.
Couse, Kibbey W., Newark, N. J. Power structure. 2,386,597; Oct. 9.
Couse, Kibbey W., Newark, N. J. Variable-speed power transmission. 2,388,955; Nov. 13.
Couse, Kibbey W., Newark, N. J. Power take-off structure. 2,390,513; Dec. 11.
Couse, Kibbey W., J. E. Young, and R. M. Sutphen, assignors to Couse Laboratories, Newark, N. J. Transporting men and/or material. 2,368,288; Jan. 30.
Couse Laboratories: *See*—
Couse, K. W., Young, and Sutphen, assignors.
Young, Joseph E., assignor.
Cousino, Bernard A., Toledo, Ohio. Projection stand. 2,380,632; July 31.
Cousino, Walter P., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Plastic injecting apparatus. 2,367,204; Jan. 16.
Cousino, Walter P., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Speed control for engines. 2,387,236; Oct. 23.
Coutlee, Alex, Kankakee, Ill., assignor to J. W. Mortell Company. Calking tape. 2,385,612; Sept. 25.
Coutor, Charles, Premery, France; vested in the Alien Property Custodian. Products applicable for tanning purposes. 2,376,663; May 22.
Couture, Anthony: *See*—
Radford, G. S., and Couture.
Couture, Louis, Minneapolis, Minn. Weed removing tool. 2,373,872; Apr. 17.
Couture, Romain, Somersworth, N. H. Ceiling board prop. 2,378,984; June 26.
Couzinet, René A. A., Rio de Janeiro, Brazil. Device for operation of the controls of airplanes. 2,383,845; Aug. 28.
Co Van, Harry E.: *See*—
Bole, G. A., Shaw, and Co Van.
Cover, Martin L., Allen Park, Mich., assignor to National Steel Corporation. Apparatus for sintering. 2,375,895; May 15.
Cover, Martin L., Allen Park, Mich., assignor to National Steel Corporation. Sintering machine. 2,379,418; July 3.
Cowan, John C., and W. C. Ault, Peoria, Ill., assignors to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and to his successors in office. Producing polymeric materials. 2,373,015; Apr. 3.
Cowan, John C., and H. M. Teeter, Peoria, Ill., assignors to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Plastic composition and preparing same. 2,384,443; Sept. 11.
Coward, Harold W., Glen Rock, and L. M. Shafer, Montclair, N. J., assignors, by mesne assignments, to Aridye Corporation. Producing anhydrous pure para acetylamine benzene sulphonyl chloride and products thereof. 2,369,023; Feb. 6.
Cowbourne, Spencer E., Arlington, Mass. Portable building. 2,368,523; Jan. 30.
Cowdery, Arthur B., Harwich Port, Mass., assignor to Allied Chemical & Dye Corporation, New York, N. Y. Rubber compounding. 2,368,807; Feb. 6.
Cowell, Edward N.: *See*—
Bullard, E. P., III, Alvey, Cowell, Lange, and Mussler.
Bullard, E. P., III, Cowell, and Lange.
Cowen, Sidney T. V., Asbury Park, N. J. Hinge. 2,367,205; Jan. 16.
Cowham Engineering Company: *See*—
Gibson, Estell L., assignor.
Cowie, A. S., & Co.: *See*—
Raymond, Leslie R., assignor.
Cowles, Irving, Detroit, Mich., assignor of seventy per cent to himself and thirty per cent to R. W. Lotz, Chicago, Ill. Coupling nut for flanged tubing conduits. 2,389,233; Nov. 20.
Cowley, Benjamin C., Shrewsbury, Mass. Machine for and method of making filled capsules. 2,387,747; Oct. 30.
Cowley, Percy E. A.: *See*—
Gillings, C., and Cowley.
Cox, Arthur, assignor to Taylor, Taylor, & Hobson Limited, Leicester, England. Optical objective. 2,366,597; Jan. 2.
Cox, Arthur, assignor to Taylor, Taylor, & Hobson Limited, Leicester, England. Optical objective. 2,387,497; Oct. 23.
Cox, Arthur E., Camp Barkeley, Tex. Clip or fastener. 2,385,565; Sept. 25.
Cox, Charles W.: *See*—
Wicker, D. B., and Cox.
Cox, Claude E., Detroit, Mich. Forming flowmeter tube mandrels. 2,384,800; Sept. 18.
Cox, Claude E., Detroit, Mich. Flowmeter. 2,389,957; Nov. 27.
Cox, Donald H., assignor to Henney Motor Company, Freeport, Ill. Cot fastener. 2,375,896; May 15.
Cox, Fred W., Cuyahoga Falls, assignor to Wingfoot Corporation, Akron, Ohio. Heat stabilization. 2,366,492; Jan. 2.
Cox, Frederic L., Grifton, N. C. Attachment for tobacco transplanters and the like. 2,372,474; Mar. 27.
Cox, Henry G., Hollywood-by-the-Sea, Fla., and F. S. Slick, Rockford, Ill., assignors to J. I. Case Company, Racine, Wis. Magneto. 2,378,192; June 12.
Cox, Herbert F., Jr.: *See*—
Nordquist, R. E. J., and Cox, assignors.
Cox, Jesse C., Robbinsdale, Minn. Safety climbing device. 2,381,114; Aug. 7.
Cox, John C., Ladue, assignor to Wagner Electric Corporation, St. Louis, Mo. Motor and brake assembly. 2,371,952; Mar. 20.
Cox, John W., assignor to Self-Locking Carton Co., Chicago, Ill. Carton. 2,384,076; Sept. 4.
Cox, John W., assignor to Self-Locking Carton Co., Chicago, Ill. Carton. 2,387,314; Oct. 23.
Cox, Joseph H.: *See*—
Rose, H. A., and Cox.
Cox, Leslie R., Rutherford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Crystal controlled oscillator. 2,385,260; Sept. 18.
Cox, Ray L., Mesa, Ariz. Welder's clamp. 2,383,591; Aug. 28.
Cox, Richard F. B., assignor to Hercules Powder Company, Wilmington, Del. Producing pentaerythritol. 2,372,555; Mar. 27.
Cox, Richard F. B., assignor to Hercules Powder Company, Wilmington, Del. Resin acid lactone and its production. 2,382,545; Aug. 14.
Cox, Robert G.: *See*—
Main, D. W., and Cox.
Cox and Stevens Aircraft Corporation: *See*—
Thurston, A. L., and Sweeney, assignors.
Cox, Thomas K., Randallstown, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Coated articles. 2,387,498; Oct. 23.
Coxe, Charles D., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Preparation of powdered metals. 2,377,676; June 5.

Coxon, George E., Cicero, assignor to Stewart-Warner Corporation, Chicago, Ill. Indicator. 2,368,289; Jan. 30.

Coxon, John E., Lowfield Heath, near Crawley, F. Lindsley, Lambourne Woodlands, near Newbury, and G. E. Shelley, Horley, assignors to Southern Aircraft (Gatwick) Limited, Surrey, England. Liquid fuel tank for aircraft. 2,383,532; Aug. 28.

Coyle, George E., Jr., Southampton, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Apparatus and method for charging containers with volatile mixtures. 2,390,694; Dec. 11.

Coyle, John, Baltimore, Md., assignor to Continental Can Company, Inc., New York, N. Y. Closure fiber containers. 2,391,296; Dec. 18.

Coyle, John, Baltimore, Md., and W. F. Punte, Passaic, N. J., assignors to Continental Can Company, Inc., New York, N. Y. Collar can collar mounting. 2,391,772; Dec. 25.

Coyne & Delany Company: *See*—
Delany, John J., assignor.

Coyne, William R., assignor to Pillsbury Flour Mills Company, Minneapolis, Minn. Drill grinding device. 2,371,676; Mar. 20.

Cozzens, Charles O., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 2,384,815; Sept. 18.

Cozzens, Charles O., and E. M. Splaine, assignors to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 2,385,693; Sept. 25.

Cozzoli, Frank, Plainfield, N. J. Ampule cleansing machine. 2,379,789; July 3.

Cozzoli, Frank J., Plainfield, N. J. Sealing filled tubes. 2,379,342; June 26.

Cozzoli, Frank J., Plainfield, N. J. Tube sealing machine. 2,379,343; June 26.

Cozzoli, Frank J., Plainfield, N. J. Tube aligning mechanism. 2,381,436; Aug. 7.

Crabtree, J. A., & Co.: *See*—
McLoughlin, H. F., Hill, Morgan, and Wintle, assignors.

Crabtree, James W., Minneapolis, Minn. Front end loader for self-propelled vehicles. 2,389,029; Nov. 13.

Crabtree, John I: *See*—
Henn, R. W. and Crabtree.

Crabtree, John I., and G. T. Eaton, assignors to Eastman Kodak Company, Rochester, N. Y. Treatment of nongelatin emulsions. 2,377,325; June 5.

Crafts, Curtis S., Oak Park, assignor to The Goss Printing Press Company, Chicago, Ill. Intaglio printing press. 2,371,223; Mar. 13.

Crafts, Curtis S., Oak Park, assignor to The Goss Printing Press Company, Chicago, Ill. Ink applying printing presses. 2,377,482; June 5.

Crafts, Walter, Niagara Falls, N. Y., assignor to Electro Metallurgical Company. Addition agent for treating molten iron and steel. 2,377,403; June 5.

Crafts, Walter, Niagara Falls, N. Y., assignor to Electro Metallurgical Company. Hardenable steels. 2,382,466; Aug. 14.

Crafts, Walter, Niagara Falls, N. Y., assignor to Electro Metallurgical Company. Fine-grained steel hardened article. 2,382,467; Aug. 14.

Crago, Harry R., Schenectady, N. Y., assignor to General Electric Company. Air temperature control system for supercharged internal-combustion engines. 2,368,642; Feb. 6.

Crago, Paul H., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for the control of highway crossing gates. 2,368,745; Feb. 6.

Crago, Paul H., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,378,751; June 19.

Crago, Paul H., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrical controlling apparatus. 2,388,956; Nov. 13.

Craig, Burnie J., Los Angeles, Calif. Vehicle fender. 2,379,341; June 26.

Craig, Burton L.: *See*—
Mason, J. G., Craig, and Garvin.

Craig, Charles R., Pittsfield, Mass., assignor to General Electric Company. Gang-operating mechanism for switching devices. 2,391,681; Dec. 25.

Craig Corporation: *See*—
Britcher, Charles W., assignor.

Craig, David: *See*—
Semon, W. L., and Craig.

Craig, David, Silver Lake, assignor to The B. F. Goodrich Company, Akron, Ohio. Purification of diolefins. 2,366,315; Jan. 2.

Craig, David, Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Purification of butadiene. 2,373,170; Apr. 10.

Craig, David, Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Extraction of butadiene. 2,388,041; Oct. 30.

Craig, David, Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Butadiene copolymers and preparing same. 2,384,535; Sept. 11.

Craig, Roscoe J., Crawford, Nebr. Trigger action. 2,383,044; Aug. 21.

Craig, W. E.: *See*—
Hester, W. F., and Craig.

Craig, W. E., and W. F. Hester, assignors to Röhm and Haas Company, Philadelphia, Pa. Insecticidal compositions. 2,383,775; Aug. 28.

Craig, William L., Westport, Conn., assignor to R. T. Vanderbilt Company, Inc., New York, N. Y. Preparing a coating composition. 2,388,526; Nov. 6.

Crake, Wilfred S., Houston, Tex., assignor to Shell Development Company, San Francisco, Calif. Oil well pump. 2,383,934; Sept. 4.

Crake, Wilfred S. E., Houston, Tex., assignor to Shell Development Company, San Francisco, Calif. Drilling weight control system. 2,371,953; Mar. 20

Cram Company, Inc., The: *See*—
Cram, Hervey G., assignor.

Cram, Harkness W., Mount Vernon, assignor to Aircraft Screw Products Company, Inc., Long Island City, N. Y. Wire coil insert. 2,390,514; Dec. 11.

Cram, Harkness W., Mount Vernon, and E. Eckener, Bronx, assignors to Aircraft Screw Products Company, Inc., Long Island City, N. Y. Tool for securing inserts in tapped holes. 2,390,515; Dec. 11.

Cram, Hervey G., assignor to The Cram Company, Inc., Appleton, Wis. Low consistency regulator and volume control. 2,368,004; Jan. 23.

Cramer, Archie E., Silverton, Ohio. Barbecue. 2,388,831; Nov. 13.

Cramer, Francis B., Waynesboro, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Concentration of viscose. 2,369,718; Feb. 20.

Cramer, Paul L., Highland Park, assignor to General Motors Corporation, Detroit, Mich. Isomerization of olefins. 2,386,934; Oct. 16.

Cramer, Paul L., Highland Park, and C. B. Begeman, Grosse Pointe Woods, assignors to General Motors Corporation, Detroit, Mich. Conversion of paraffin hydrocarbons. 2,373,295; Apr. 10.

Cramer, Raymond H., Bloomfield, N. J., assignor to General Motors Corporation, Detroit, Mich. Grinding machine. 2,379,281; June 26.

Cramer, Raymond H., Bloomfield, N. J., assignor to General Motors Corporation. Grinding machine. 2,386,382; Oct. 9.

Cramer, Richard R., Dayton, Ohio. Safety device. 2,391,682; Dec. 25.

Cramer, Stanley S., Haddon Heights, N. J. Tuning structure for radio sets. 2,389,487; Nov. 20.

Cramer, Stanley S., Haddon Heights, assignor, by mesne assignments, to Condenser Development Corporation, Newark, N. J. Mechanical tuning means. 2,386,598; Oct. 9.

Crampton, Basil B., Grand Rapids, Mich. Faucet handle. 2,377,541; June 5.

Crampton, Donald K., Marion, and H. L. Burghoff, assignors to Chase Brass & Copper Co. Incorporated, Waterbury, Conn. Spring. 2,375,285; May 8.

Crampton, Donald S., Oak Park, assignor to Felt Products Manufacturing Co., Chicago, Ill. Gasket material. 2,373,461; Apr. 10.

Crampton Manufacturing Company: *See*—
Pleasant, Herman E., assignor.

Crandall, Algier H., Grosse Pointe Woods, Mich., assignor to United States Rubber Company, New York, N. Y. Sealing inflatable articles. 2,371,029; Mar. 6.

Crandall, Charles B., assignor to Barber-Coleman Company, Rockford, Ill. Warp tying machine. 2,369,536; Feb. 13.

Crandall Dry Dock Engineers Inc.: *See*—
Crandall, James S., assignor.

Crandall, George S.: *See*—
Berger, H. G., Crandall, and Socolofsky.

Crandall, James S., Lexington, assignor to Crandall Dry Dock Engineers Inc., Cambridge, Mass. Floating dry dock. 2,379,685; July 3.

Crandell, Ervin L., Wellesley, assignor to Compo Shoe Machinery Corporation, Boston, Mass. Manufacture of footwear. 2,371,571; Mar. 13.

Crandell, Ervin L., Wellesley, assignor to Compo Shoe Machinery Corporation, Boston, Mass. Thermionic oscillator. 2,391,085; Dec. 18.

Crandell, Ervin L., Wellesley, assignor to Compo Shoe Machinery Corporation, Boston, Mass. Radio frequency motor control. 2,391,086; Dec. 18.

Crane, Carl J., Sacramento, Calif. Slide member for measuring and marking devices. 2,388,252; Nov. 6.

Crane Co.: *See*—
De Craene, E. P., and Fennema, assignors.
Fawkes, Donald G., assignor.
Frederickson, Edward A., assignor.
Gleeson, Murray A., assignor.
Hoffman, George E., assignor.
Mueller, Alfred, assignor.
Stone, Carl R., assignor.
Troedson, Waldemar H., assignor.

Crane, Edward V., and F. G. Auer, assignors to E. W. Bliss Company, Brooklyn, N. Y. Square plug flanger. 2,389,139; Nov. 20.

Crane, Everett E., Seattle, Wash. Tool support. 2,389,296; Nov. 20.

Crane, Hubert R., Los Angeles, Calif. Bore plastering trowel. 2,369,719; Feb. 20.

Crane, Hubert R., Los Angeles, Calif. Apparatus for charging mortar into pipe bores. 2,369,720; Feb. 20.

Crane, Hubert R., Los Angeles, Calif. Apparatus and method for plastic lining of conduits. 2,377,615; June 5.

Crane Packing Company: *See*—
Kopplin, William E., assignor.
Matter, Albert J., assignor.
Payne, Frank E., assignor.
Snyder, Russel D., assignor.

Crane, Walton B., Los Angeles, Calif., assignor to Morris Paper Mills, Chicago, Ill. Carrier carton. 2,368,203; Jan. 30.

Cranston, Lawrence: *See*—
Muller, J. A., and Cranston.

Crary, Selden B., Schenectady, N. Y., assignor to General Electric Company. Electric circuit. 2,366,493; Jan. 2.

Crary, Selden B., Schenectady, assignor to General Electric Company, New York, N. Y. Control system. 2,367,930; Jan. 23.

Crary, Selden B., Schenectady, N. Y., assignor to General Electric Company. Control system. 2,371,030; Mar. 6.

Crary, Selden B., Schenectady, N. Y., assignor to General Electric Company. Electric power transmission system. 2,378,752; June 19.

Crary, Selden B., Schenectady, N. Y., assignor to General Electric Company. Protective system. 2,386,035; Oct. 2.

Craven, Howard F.: *See*—
Hill, James H., assignor.

Craven, Le Roy, Chicago, Ill. Sharpening device. 2,376,477; May 22.

Cravener, Donald H., Jr., Chicago, R. C. Ingersoll, Winnetka, and F. B. Wendel, assignors to Borg-Warner Corporation, Chicago, Ill. Forming counterbored receptacles. 2,384,444; Sept. 11.

Craver, John K.: *See*—
Kyrides, L. P., and Craver.

Crawford, Archibald M., Pittsburgh, assignor to The Union Switch and Signal Company, Swissvale, Pa. Speed measuring and recording apparatus. 2,379,686; July 3.

Crawford, Arthur R.: *See*—
Lundberg, G. E., and Crawford.
Nickla, L. E., and Crawford.

Crawford, Beatty M., Santa Ana, Calif. Power mast and boom hoist. 2,369,816; Feb. 20.

Crawford, Beatty M., Santa Ana, Calif. Self-braking winch drive. 2,379,477; July 3.

Crawford, Chester C., El Cerrito, and D. L. Fuller and B. S. Greensfelder, Oakland, assignors to Shell Development Company, San Francisco, Calif. Production of high octane paraffinic gasolines. 2,373,674; Apr. 17.

Crawford, Chester C., El Cerrito, and W. E. Ross, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Catalyst. 2,379,687; July 3.

Crawford, Cliff R.: *See*—
Gibson, A. G., and Crawford.

Crawford, David J., U. S. Army, Durant, Miss. Gun sight mounting. 2,390,516; Dec. 11.

Crawford, David J., U. S. Army, Durant, Miss., and J. M. Colby, U. S. Army, Lake Mills, Iowa. Protective vision device. 2,374,665; May 1.

Crawford, Hayden H.: *See*—
Creekbaum, Emery W., assignor.

Crawford, John W. C., Frodsham, via Warrington, and A. D. Jones, Widnes, England, assignors to Imperial Chemical Industries Limited. Recovery of polymeric materials. 2,389,958; Nov. 27.

Crawford, Paul A.: *See*—
Crawford, Ralph F. and P. A.

Crawford, Ralph F. and P. A., Salina, Kans. Combined harvester and thresher. 2,367,755; Jan. 23.

Crawford, Richard A., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Self-sealing fuel tank. 2,374,332; Apr. 24.

Crawford, Robert B. P., Washington, D. C. Air conditioning system. 2,380,386; July 31.

Crawford, Thomas G., Glenville, N. Y., assignor to General Electric Company. Method for brazing. 2,369,537; Feb. 13.

Crawford, Weldon L.: *See*—
Rogers, S. D., Rudolph, and Crawford.

Crawford, William E., Wauwatosa, assignor to A. O. Smith Corporation, Milwaukee, Wis. Butt-welded joint between lined parts. 2,372,712; Apr. 3.

Crawford, William E., Wauwatosa, assignor to A. O. Smith Corporation, Milwaukee, Wis. Connection for lined tanks. 2,374,733; May 1.

Crawley, James B., Washington, D. C., assignor to Radio Corporation of America. Self-balancing inverter circuit. 2,383,846; Aug. 28.

Crawshaw, Harry: *See*—
Finlayson, D., and Crawshaw.

Cream Cone Machine Company, The: *See*—
Taylor, Carl R., assignor.

Crebbs, Earl R., San Francisco, Calif. Dispensing receptacle. 2,391,617; Dec. 25.

Crecelius, Lawrence P., Shaker Heights, assignor to The Coal Processing Company, Cleveland, Ohio. Treating coal and composition therefor. 2,369,024; Feb. 6.

Creed and Company Limited: *See*—
Mason, Frederick P., assignor.
Salmon, Reginald D., assignor.
Thompson, A. E., and Salmon, assignors.

Creed, Frederick G., Croydon, assignor to Floating Stations Limited, London, E. C. 2, England. Floating structure for salvaging sunken vessels and other uses. 2,375,286; May 8.

Creedon, Neil J., Glens Falls, N. Y. Multiple purpose adapter and supporting device for cameras. 2,375,214; May 8.

Creekbaum, Emery W., assignor of one-half to H. H. Crawford, Danville, Ind. Agricultural tool-tractor rope hitch. 2,370,232; Feb. 27.

Creelman, George D.: *See*—
Jewell, J. W., Creelman, and Borcherding.

Creighton, Thomas A., Long Beach, Calif. Apparatus for orienting well tools. 2,368,413; Jan. 30.

Creo-Dipt Company, Inc.: *See*—
Fink, Carl J., assignor.

Creson, William K., Lafayette, Ind., assignor to Ross Gear & Tool Company. Power steering gear. 2,391,819; Dec. 25.

Crespo, José M., Guatemala City, Guatemala. Skid aircraft and landing railer system. 2,370,012; Feb. 20.

Crestensen, Christian A.: *See*—
Pooler, Earl E., assignor.

Crevatin, Gilio: *See*—
Crevatin, V., G., W., and M.

Crevatin, Mario: *See*—
Crevatin, V., G., W., and M.

Crevatin, Vasco, G., W., and M., Sao Paulo, Brazil. Valve. 2,389,297; Nov. 20.

Crevatin, Waldemar: *See*—
Crevatin, V., G., W., and M.

Crever, Frederick E: *See*—
Hoffman, R. J., and Crever.

Crever, Frederick E., Scotia, N. Y., assignor to General Electric Company. Electroresponsive system. 2,388,527; Nov. 6.

Crew, David, Kingston by-pass, New Malden, assignor to Reid & Sigrist Limited, New Malden, Surrey, England. Air-driven gyroscopic instrument. 2,382,135; Aug. 14

Crew, Frederick W., Detroit, Mich. Vehicle door lock handle. 2,367,337; Jan. 16.

Crew, Frederick W., Detroit, Mich. Automobile wheel lock. 2,377,542; June 5.

Crew, Morris W., and G. A. Short, assignors to The Hotstream Heater Company, Cleveland, Ohio. Control means for draft regulators. 2,381,437; Aug. 7.

Crewdson, Henry, Chester County, Pa., assignor to American Viscose Corporation, Wilmington, Del. Centrifugal spinning bucket. 2,367,338; Jan. 16.

Crewdson, Henry, Chester County, Pa., assignor to American Viscose Corporation, Wilmington, Del. Centrifuging machine. 2,383,240; Aug. 21.

Crewe, Leonard C.: *See*—
Diehn, K. H., and Crewe.

Crews, Herman A., Chicago, assignors of one-half to R. T. Brackett, Winnetka, Ill. Burner control. 2,388,124; Oct. 30.

Cribb, Ernest F., Vancouver, British Columbia, Canada. Hull of motor vessels. 2,387,700; Oct. 23.

Crickmer, Charles S., South Pasadena, Calif. Anchoring device. 2,383,453; Aug. 28.

Criley, William W., Shaker Heights, assignor to The Ajax Manufacturing Company, Cleveland, Ohio. Control mechanism. 2,388,832; Nov. 13.

Criner, Harry E., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Small high-speed generator field. 2,376,845; May 22.

Criner, Harry J., assignor of one-half to A. G. Bush, Davenport, Iowa. Mechanical toy. 2,387,565; Oct. 23.

Criner, Harry J., assignor of one-half to A. G. Bush, Davenport, Iowa. Slicing machine. 2,388,725; Nov. 13.

Crise Electric Manufacturing Company: *See*—
Crise, George W., assignor.

Crise, George W., assignor to Crise Electric Manufacturing Company, Columbus, Ohio. Modulating condition responsive switch. 2,366,387; Jan. 2.

Crise, George W., assignor to Crise Electric Manufacturing Company, Columbus, Ohio. Condition responsive switch. 2,368,005; Jan. 23.

Crise, George W., assignor to Crise Electric Manufacturing Company, Columbus, Ohio. Humidity-responsive switch. 2,369,215; Feb. 13.

Crise, George W., assignor to Crise Electric Manufacturing Company, Columbus, Ohio. Thermomagnetic relay. 2,376,664; May 22.

Crise, George W., assignor to Crise Electric Manufacturing Company, Columbus, Ohio. Correlative thermostatic switch mechanism. 2,383,533; Aug. 28.

Crisp, George B., Brooklyn, N. Y. Combustible preparing device. 2,369,216; Feb. 13.

Crisp, Laurence R.: *See*—
Brubach, H. F., and Crisp.

Crist, Philip W., Roselle Park, and S. G. Johansson, Cranford, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Liquid handling apparatus. 2,368,746; Feb. 6.

Crist, Robert W., assignor to The Wellman Engineering Company, Cleveland, Ohio. Skewing arrangement for gantry frames. 2,366,598; Jan. 2.

Crist, Robert W., assignor to The Wellman Engineering Company, Cleveland, Ohio. Car dumper. 2,381,723; Aug. 7.

Crittenden, Philip L., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Electric decelerometer. 2,381,211; Aug. 7.

Crittenden, Philip L., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Magnetic track brake control apparatus. 2,388,237; Nov. 6.

Croce, Michele, Buffalo, assignor to Certain-Teed Products Corporation, New York, N. Y. Impregnating webs 2,375,403; May 8.

Crock, Gregory F., Atlanta, Ga., assignor to General Flooring Company, New York, N. Y. Concrete grading machine. 2,378,065; June 12.

Crock, Gregory F., Atlanta, Ga., assignor to General Floor Company, New York, N. Y. Concrete planing machine. 2,386,662; Oct. 9.

Crocker, Ernest C., Belmont, Mass., assignor, by mesne assignments, to The Lane Company, Inc., Altavista, Va. Cedar chest. 2,386,440; Oct. 9.

Crocker, John C., Oakmont, Pa. Device for holding tension test bars. 2,380,027; July 10.

Crocker, Luther A., Portland, Oreg. Buffing rasp and making same. 2,382,209; Aug. 14.

Crockett, Clarence V., Jr., Birmingham, and C. H. Bouvy, assignors to General Motors Corporation, Detroit, Mich. Firing mechanism. 2,375,627; May 8.

Crockett, Frank L., Tenants Harbor, Maine, assignor to Whitin Machine Works, Whitinsville, Mass. Lap handling apparatus. 2,368,971; Feb. 6.

Crockett, Frank L., Tenants Harbor, Maine, assignor to Whitin Machine Works, Whitinsville, Mass. Sliver pan. 2,377,924; June 12.

Crockett, Frank L., Tenants Harbor, Maine, assignor to Whitin Machine Works, Whitinsville, Mass. Nipper feed mechanism. 2,378,465; June 19.

Crockett, Frank L., Tenants Harbor, Maine, assignor to Whitin Machine Works, Whitinsville, Mass. Comber nipper system. 2,384,603; Sept. 11.

Crockett, Harry L., assignor to Western Cartridge Company, New Haven, Conn. Gas-operated self-loading firearm. 2,370,233; Feb. 27.

Crockett, Lucien O., and L. U. Franklin, Port Arthur, Tex., assignors to Gulf Oil Corporation, Pittsburgh, Pa. Production of isoparaffins. 2,366,699; Jan. 9.

Croft, Cyril M., and W. H. Hindle, Cumberland, Md., assignors to Celanese Corporation of America. Dyeing. 2,380,503; July 31.

Crofton, Charles & Company (Engineers) Limited: *See*—
Wiles, Robert C., assignor.

Crofut, William E., Jr., Beachwood Village, Ohio. Foot cover. 2,389,414; Nov. 20.

Crom, John M., Washington, D. C. Method and apparatus for banding tanks. 2,370,780; Mar. 6.

Crom, John M., Washington, D. C. Method of and apparatus for banding tanks. 2,372,060; Mar. 20.

Crom, John M., Washington, D. C. Method of and apparatus for tensioning wire in banding operations. 2,385,796; Oct. 2.

Cromogen, Incorporated: *See*—
Gáspár, Béla, assignor.

Crompton & Knowles Loom Works: *See*—
Cedarlund, Albert, assignor.
Darwin, Clifford, assignor.
Holmes, Elbridge R., assignor.
Howe, Wilfred C., assignor.
McCaslin, S. N., and Lamb, assignors.
Palmer, Albert, assignor.
Palmer, A., and Santon, assignors.
Payne, Oscar V., assignor.
Santon, Elliot A., assignor.
Turner, Richard G., assignor.
Wakefield, Walter H., assignor.
Whitin, Herbert A., assignor.

Cromwell, Herbert F.: *See*—
Kramer, C. F., and Cromwell.

Cromwell, Robert H.: *See*—
Wannamaker, E. M., Cromwell, and Chamberlin, assignors.

Cron, Charles L.: *See*—
Rector, L. L., and Cron.

Cronan, James E., Howell, Mich. Ratchet wrench. 2,376,575; May 22.

Cronan, Mark D.: *See*—
Titcomb, A. C., and Cronan.

Cronin, Joseph F., San Francisco, Calif. Paper-folding device. 2,370,125; Feb. 27.

Croninger, Arthur G., Miami, Okla. Supporting attachment for bifocal spectacles. 2,370,843; Mar. 6.

Crook, Louis H., assignor to Aerodynamic Research Corporation, Washington, D. C. Aircraft. 2,384,893; Sept. 18.

Crooker, Clarence A., Mankato, Minn. Draft regulator 2,371,677; Mar. 20.

Crooks, Earl G., Binghamton, assignor to Lestershire Spool and Manufacturing Company, Johnson City, N. Y. Spool or bobbin. 2,368,450; Jan. 30.

Crooks, Earl G., Binghamton, assignor to Lestershire Spool and Manufacturing Company, Johnson City, N. Y. Wood screw. 2,380,724; July 31.

Crooks, Harry M., Jr.: *See*—
Marker, R. E., and Crooks.

Crooks, Harry M., Jr., Detroit, and E. M. Jones, Grosse Pointe Woods, assignors to Parke, Davis & Company, Detroit, Mich. Preparing steroidal hormones. 2,383,472; Aug. 28.

Crosby, David R., Haddonfield, N. J., assignor to Radio Corporation of America. Resistor. 2,381,724; Aug. 7.

Crosby, Melvin A.: *See*—
Abe, P. A., Brown, and Crosby.
Bench, D. E., and Crosby.
Bench, D. E., Crosby, and Toulmia.
Luaces, E. L., and Crosby.

Crosby, Melvin A., Dayton, Ohio, assignor to The Hydraulic Development Corp., Inc., Wilmington, Del. Multiple stage pumping system. 2,366,388; Jan. 2.

Crosby, Melvin A., Dayton, Ohio., assignor to The Hydraulic Development Corp., Inc., Wilmington, Del. Apparatus for induction heating of molding machines. 2,381,866; Aug. 14.

Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Variable reactance and control circuit therefor. 2,368,643; Feb. 6.

Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Reactance tube. 2,371,285; Mar. 13.

Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Phase modulation detector circuits. 2,373,546; Apr. 10.

Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Phase modulator. 2,374,000; Apr. 17.

Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Discriminator circuit. 2,374,734; May 1.

Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Combined discriminator and carrier filter circuits. 2,374,735; May 1.

Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Wave length modulator. 2,375,527; May 8.

Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Phase modulation receiver. 2,376,125; May 15.

Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Frequency modulated wave discriminator. 2,376,126; May 15.

Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Frequency discriminator. 2,376,127; May 15.

Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Automatic frequency control system. 2,377,326; June 5.

Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Frequency modulation receiver circuits. 2,379,688; July 3.

Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Frequency control circuit. 2,379,689; July 3.

Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Wave length modulator and control means. 2,380,947; Aug. 7.

Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Electronic motor control. 2,380,948; Aug. 7.

Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Frequency modulation receiver. 2,383,847; Aug. 28.

Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Reactance control circuit. 2,383,848; Aug. 28.

Crosby, Stephen A., Chicago, Ill., assignor to Sterling Tool Products Company. Antifriction bearing. 2,385,404; Sept. 25.

Crosland, Edward M., assignor to T. & T. Vicars Limited, Earlestown, Newton-le-Willows, England. Conveying apparatus. 2,371,877; Mar. 20.

Crosley Corporation, The: *See*—
Kittel, Claude, assignor.

Crosley, Raymond W., and H. W. Conner, assignors to Wm. Wrigley, Jr., Company, Chicago, Ill. Manufacture of chocolate confections. 2,384,077; Sept. 4.

Crosman, Loring P., South Orange, assignor to Monroe Calculating Machine Company, Orange, N. J. Calculating machine. 2,367,388; Jan. 16.

Crosman, Loring P., South Orange, assignor to Monroe Calculating Machine Company, Orange, N. J. Detachably connecting a raceway member to the stationary frame of a machine. 2,375,975; May 15.

Crosman, Loring P., South Orange, assignor to Monroe Calculating Machine Company, Orange, N. J. Listing calculator. 2,375,976; May 15.

Crosman, Loring P., South Orange, assignor to Monroe Calculating Machine Company, Orange, N. J. Electric motor protective system. 2,387,646; Oct. 23.

Crosman, Loring P., South Orange, assignor to Monroe Calculating Machine Company, Orange, N. J. Orienting instrument. 2,387,647; Oct. 23.

Crosman, Loring P., South Orange, assignor to Monroe Calculating Machine Company, Orange, N. J. Clutch. 2,387,648; Oct. 23.

Crosman, Loring P., Maplewood, assignor to Monroe Calculating Machine Company, Orange, N. J. Multiplying calculator. 2,374,333; Apr. 24.

Cross, Bert S., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Sheeted cellulosic material and abrasive article and making the same. 2,386,780; Oct. 16.

Cross, Carroll N. Middleboro, Mass. Picture mount and making the same. 2,369,438; Feb. 13.

Cross, Carroll N., Middleboro, Mass. Picture support. 2,373,873; Apr. 17.

Cross, Carroll N., Middleboro, Mass. Mount. 2,373,874; Apr. 17.

Cross, Carroll N., Middleboro, Mass. Display mount. 2,373,875; Apr. 17.

Cross, Carroll N., Middleboro, Mass. Display mount support. 2,383,776; Aug. 28.

Cross, Carroll N., Middleboro, Mass. Display mount. 2,390,294; Dec. 4.

Cross, Cedric B., Poultney, Vt., and D. C. Zipp, assignors to Production Devices Incorporated, Whitehall, N. Y. Jaw construction for vises. 2,373,384; Apr. 10.

Cross, David: *See*—
Ernst, W., and Cross.

Cross, Edgar A., Greenwich, Ohio, assignor to J. I. Case Company, Racine, Wis. Vacuum lifting device. 2,376,576; May 22.

Cross, Harry M., Rochester, N. Y. Package stacker. 2,387,315; Oct. 23.

Cross, Robert C., Riverside, assignor to Sears, Roebuck and Co., Chicago, Ill. Emergency grate. 2,380,630; July 31.

Cross, Roland C., Bath, England. Centrifugally operated engine speed governor. 2,376,665; May 22.

Cross, Roy, Kansas City, Mo. Secondary recovery of oil. 2,386,036; Oct. 2.

Cross, Thomas, Jr.: *See*—
Fulton, S. C., and Cross.

Crosse, Margaret, and A. Roberts, New York, N. Y. Electro-therapeutic device. 2,379,884; July 10.

Crosser, David H., Chicago, Ill. Making artificial snow 2,371,678; Mar. 20.

Crossfield Products Corp.: *See*—
Patch, Harold K., assignor.

Crossley, Moses L., and B. L. West, Plainfield, N. J., assignors to American Cyanamid Company, New York, N. Y. Azo dyes. 2,386,596; Oct. 9.

Crosson, Leo H.: *See*—
Oliver, T. C., Long, and Crosson.

Crotty Manufacturing Corporation: *See*—
Crotty, Michael C., assignor.

Crotty, Michael C., Flushing, assignor to Crotty Manufacturing Corporation, New York, N. Y. Boiler amplifier. 2,386,842; Oct. 16.

Crouch, Garland N., Oklahoma City, Okla. Air refrigerating apparatus. 2,371,129; Mar. 13.

Crouch, Harold W., Rochester, N. Y., and H. E. Stauss, Millburn, assignors to Baker & Company, Inc., Newark, N. J. Combustion of halogenated organic vapors. 2,384,368; Sept. 4.

Croup, Alfred H.: *See*—
Samson, E. W., and Croup.

Crouse, George B., East Setauket, assignor, by mesne assignments, to Photo-Positive Corporation, New York, N. Y. Making templates and the like. 2,372,767; Apr. 3.

Crouse-Hinds Company: *See*—
Jeffers, Walter M., assignor.

Crow, Harold I., Radburn, assignor to Air Associates, Incorporated, Teterboro, N. J. Friction clutch. 2,373,462; Apr. 10.

Crowder, George W., Los Angeles, Calif. Cable tool. 2,380,725; July 31.

Crowder, John A.: *See*—
Beckham, L. J., and Crowder.

Crowe Chemical Company: *See*—
Crowe, Morton B., assignor.

Crowe, Francis M., Burlingame, Calif. Hollow precast building slab and manufacture. 2,370,638; Mar. 6.

Crowe, John M., Covington, Ky. Open-hearth furnace and operation. 2,385,261; Sept. 18.

Crowe, Matthew R., Winthrop, Mass. Relief valve. 2,377,132; May 29.

Crowe, Morton B., assignor to Crowe Chemical Company, Tulsa, Okla. Medicament vehicles or emulsions. 2,381,262; Aug. 7.

Crowell-Collier Publishing Company, The: *See*—
Lundbye, Axel E., assignor.

Crowell, Harry B., Evanston, Ill. Fishing apparatus; 2,370,013; Feb. 20.

Crowell, Oscar H., Russellville, Ala. Razor blade with integral guard. 2,382,296; Aug. 14.

Crowley, Daniel J., Grosse Pointe, Mich. Game. 2,378,621; June 19.

Crowley, Duncan J.: *See*—
Badertscher, D. E., Coonradt, and Crowley.
Badertscher, D. E., Crowley, and Feasley.
Daley, H. G., Crowley, Badertscher, and Coonradt.

Crowley, Henry L., South Orange, N. J. Producing metallic bodies. 2,386,544; Oct. 9.

Crowley, Henry L., South Orange, and A. M. Hossenlopp, Metuchen, assignors to Henry L. Crowley & Company, Inc., West Orange, N. J. Ceramic bodies and producing same. 2,382,136; Aug. 14.

Crowley, Henry L., South Orange, and A. M. Hossenlopp, Metuchen, assignors to Henry L. Crowley & Company, Inc., West Orange, N. J. Steatite-type body and producing same. 2,382,137; Aug. 14.

Crowley, Henry L., & Company, Inc.: *See*—
Crowley, H. L., and Hossenlopp, assignors.
Danziger, Harold I., assignor.

Crowley, John A., Jr.: *See*—
Simpson, T. P., Payne, and Crowley.

Crown Cork & Seal Company, Inc.: *See*—
Bulatkin, Ilya F., assignor.
Calleson, Amos and K. A., assignors.
Cooke, Giles B., assignor.
Cooke, G. B., and Ryan, assignors.
Costa, Ralph E., assignor.
Gladfelter, W. I., and Ehrlich, assignors.
Gladfelter, W. I., and Schmidt, assignors.
Glock, Charles E., assignor.
Grabus, A. P., Jr., and Warth, assignors.
Harding, Hiram R., assignor.
McManus, C. E., and Elder, assignors.
McManus, C. E., and Gladfelter, assignors.
Patrick, W. A., Jr., and (Elder, assignor).
Powell, Paul R., assignor.
Rau, Harry A., assignor.
Rolker, Edwin, assignor.
Soldan, Clarence W., assignor.
Stewart, Robert J., assignor.
Stewart, R. J., and Bartley, assignors.
Stewart, R. J., and Pahl, assignors.
Stoll, Charles C., assignor.
Warth, A. H., and Grabus, assignors.
Warth, A. H., and Lidard, assignors.
Warth, A. H., and Rainer, assignors.

Crown Rheostat & Supply Co.: *See*—
Huenerfauth, G. E., and Green, assignors.

Crown Zellerbach Corporation: *See*—
Grondona, Charles A., assignor.

Crownfield, William K., Franklin Township, Somerset County, N. J. Pencil pointing device. 2,378,287; June 12.

Crowther, Bayard H., Wyncote, assignor to Bachmann Brothers, Inc., Philadelphia, Pa. Combination goggles and eyeshade. 2,385,405; Sept. 25.

Crowther, George A., Manhasset, assignor to Ford Instrument Company, Inc., Long Island City, N. Y. Fire control computer. 2,382,776; Aug. 14.

Crozier, Bruce D., assignor to Curtis Companies Incorporated, Clinton, Iowa. Window structure. 2,376,666; May 22.

Crozier, Harold E., Hawthorne, Calif. Vacuum polishing lathe. 2,372,812; Apr. 3.

Crucible Steel Company of America: *See*—
Briggs, Janet Z., assignor.
Ferm, John F., assignor.
Schultz, William O., assignor.

Cruickshank, Alice C., et al.: *See*—
Cruickshank, James H., assignor.

Cruickshank, Florence B., et al.: *See*—
Cruickshank, James H., assignor.

Cruickshank, James H., assignor of thirty-five per cent to F. B. Cruickshank, five per cent to J. H. Cruickshank, Jr., five per cent to J. E. Cruickshank, five per cent to R. W. Cruickshank, and fifteen per cent to A. C. Cruickshank, Big Indian, N. Y. Bolted pallet and skid platform. 2,371,878; Mar. 20.

Cruickshank, James H., Jr., et al.: *See*—
Cruickshank, James H., assignor.

Cruickshank, John E., et al: *See*—
Cruickshank, James H., assignor.

Cruickshank, Robert W., et al.: *See*—
Cruickshank, James H., assignor.

Crum, Stephen, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control apparatus. 2,390,425; Dec. 4.

Crumb, Charles F., Clarendon Hills, and E. R. Gerber, Chicago, Ill., assignors to International Harvester Company. Corn sheller. 2,380,295; July 10.

Crumble, James H., Brooklyn, N. Y. Float operated mechanism. 2,384,536; Sept. 11.

Crumble, James H., Brooklyn, N. Y. Vehicle. 2,384,728; Sept. 11.

Crump, Albert V.: *See*—
Ackerman, E. L., and Crump.

Crupi, Joseph: *See*—
Boyer, R. A., Crupi, and Atkinson.

Cruzan, Harold, Dayton, Ohio, and H. T. Booth, Glencoe, Ill., said Cruzan assignor to United Aircraft Products, Inc., Dayton, Ohio. By-pass control valve. 2,391,551; Dec. 25.

Cubberley, Mitchell H., assignor to Wallace & Tiernan Products, Inc., Belleville, N. J. Collapsible tube folding apparatus. 2,381,717; Aug. 7.

Cube Steak Machine Co.: *See*—
Spang, Joseph P., assignor.

Cucchi, Adamo, and G. Manzini, Sesto S. Giovanni, Milan Italy; vested in the Alien Property Custodian. Apparatus for inside riveting of hollow rivets. 2,374,079; Apr. 17.

Cuddigan, Bartholomew O., Wadena, and J. F. Wirth, Minneapolis, Minn. Garden tool. 2,387,748; Oct. 30.

Cueni, Clemens P., Arlington, assignor to Porete Manufacturing Company, North Arlington, N. J. Composite beam structure. 2,382,138; Aug. 14.

Cueni, Clement P., assignor to Porete Manufacturing Company, Arlington, N. J. Composite ship construction. 2,370,940; Mar. 6.

Cueni, Clement P., Arlington, assignor to Porete Manufacturing Company, North Arlington, N. J. Prestressed composite structure. 2,382,139; Aug. 14.

Cueni, Franz: *See*—
Hartmann, M., Cueni, Druey, and von Meyenburg.

Culbertson, George A., Long Branch, N. J., assignor to The Union Switch and Signal Company, Swissvale, Pa. Vehicle counting apparatus. 2,382,140; Aug. 14.

Cull, Fred A., Beaumont, Tex. Discharge outlet. 2,382,468; Aug. 14.

Cullen, Francis H., Philadelphia, Pa. Smoke purifier. 2,366,700; Jan. 9.

Cullers, Floyd C., Arcadia, Fla. Airplane jack. 2,377,404; June 5.

Cullman, Otto, Lester H., Hornbrook, and N. B. Wienke, assignors to Cullman Wheel Co., Chicago, Ill. Sprocket milling machine. 2,367,100; Jan. 9.

Cullman Wheel Co.: *See*—
Cullman, O., Hornbrook, and Wienke, assignors.

Cullum, Bertram L., Atlanta, Ga. Lock or latch. 2,370,781; Mar. 6.

Cumfer, Donald A., Ridgewood, N. J. Pipe coating apparatus and method. 2,371,224; Mar. 13.

Cumfer, Donald A., Ridgewood, N. J., assignor to Willcox & Gibbs Sewing Machine Company, New York, N. Y. Sewing machine. 2,369,118; Feb. 13.

Cumming, James M.: *See*—
Peek, H. L., and Cumming.

Cumming, James M., Turtle Creek, Pa., and H. L. Peek, Camp Gordon, Ga., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit breaker. 2,384,801; Sept. 18.

Cummings, Fred A.: *See*—
Shipman, R. F., assignor.

Cummings, Ira R.: *See*—
Pegg, E. H., and Cummings.

Cummings, John W.: *See*—
Yager, L., and Cummings.

Cummings, Robert E., assignor to Thompson Products, Inc., Cleveland, Ohio. Making evacuated valves. 2,367,756; Jan. 23.

Cummings, Robert E., Cleveland, Ohio, assignor to Thompson Products, Inc. Valve insert seat. 2,369,025; Feb. 6.

Cummings, William H., San Antonio, Tex., assignor to American Telephone and Telegraph Company. Testing device. 2,376,232; May 15.

Cummins, Arthur B., Millington, and C. J. O'Neil, Plainfield, N. J., assignors to Johns-Manville Corporation, New York, N. Y. Paper and manufacturing same. 2,378,193; June 12.

Cummins, Earl, Kalamazoo, Mich. Thread cutter for tying machines. 2,382,210; Aug. 14.

Cummins, Norman W.: *See*—
Hultgren, A. P., Moore, Bennett, and Cummins.

Cummins, Walter E., Los Angeles, Calif. Pump jack. 2,380,686; July 31.

Cummins, William H., Portland, Oreg. Gauge for use in welding. 2,389,842; Nov. 27.

Cundall, Lincoln A., assignor to Eastman Kodak Company, Rochester, N. Y. Metal belt guiding mechanism. 2,380,221; July 10.

Cunliffe-Owen Aircraft, Limited: *See*—
Cooper, Daniel W., assignor.

Cunniff, Thomas W., assignor to Tung-Sol Lamp Works Inc., Newark, N. J. Electronic device, circuit, and method. 2,374,666; May 1.

Cunningham, David H., Haddonfield, N. J., assignor to Radio Corporation of America. Spool. 2,374,736; May 1.

Cunningham, George R., Grosse Pointe Farms, Mich. Trim panel. 2,387,317; Oct. 23.

Cunningham, Guy C., Scarsdale, N. Y., assignor to Shell Development Company, San Francisco, Calif. Extractive distillation. 2,380,723; July 31.

Cunningham, Harry G., Los Angeles, Calif. Camera film magazine and driving mechanism. 2,379,690; July 3.

Cunningham, James, Son & Company: *See*—
De Mato, Samuel P., assignor.

Cunningham, James, Son & Company: *See*—
Brand, S., and Cunningham.

Cunningham, James M., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Circuit breaker. 2,384,802; Sept. 18.

Cunningham, Marion M., South Bend, Ind., assignor to United States Rubber Company, New York, N. Y. Tank fitting. 2,366,442; Jan. 2.

Cunningham, Marion M., South Bend, assignor to Mishawaka Rubber and Woolen Manufacturing Company, Mishawaka, Ind. Seat for farm implements and the like. 2,370,014; Feb. 20.

Cunningham, Marion M., South Bend, assignor to Mishawaka Rubber and Woolen Manufacturing Company, Mishawaka, Ind. Seat base or the like and making same. 2,371,954; Mar. 20.

Cunningham, Marion M., South Bend, assignor to Mishawaka Rubber and Woolen Manufacturing Company, Mishawaka, Ind. Braced bed bottom or the like. 2,372,361; Mar. 27.

Cunningham, Marion M., South Bend, Ind., assignor to United States Rubber Company, New York, N. Y. Fuel supply system. 2,387,316; Oct. 23.

Cunningham, Oliver B., Haddonfield, H. Sussman, Pensauken Township, Camden County, and S. Gubin, Merchantville, N. J., assignors to Radio Corporation of America. Automatic tuning of transmitters. 2,376,667; May 22.

Cunningham, Orin D.: *See*—
Cislak, F. E., and Cunningham.

Cunningham, Richard C.: *See*—
Baker, B. P., and Cunningham.

Cuno, Charles W., Wilmington, Ill., assignor to The Lehon Company, Chicago, Ill. Continuous method of manufacturing asbestos-cement pipe. 2,367,844; Jan. 23.

Cuozzo, Michele, Lynn, Mass. Lasting shoes. 2,383,712; Aug. 28.

Cupery, Martin E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Reactions between organic nitrogen compounds and reaction products of formaldehyde with sulphamates. 2,369,439; Feb. 13.

Cupery, Martin E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Ester. 2,381,880; Aug. 14.

Cupery, Martin E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Ester. 2,381,882; Aug. 14.

Cupery, Martin E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Esters. 2,381,886; Aug. 14.

Cupery, Martin E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Floor coverings. 2,382,297; Aug. 14.

Curado, Joseph G., Rutherford, N. J., assignor to General Printing Ink Corporation, New York, N. Y. Printing ink, printing, and article for use therewith. 2,382,861; Aug. 14.

Curado, Joseph G., Rutherford, N. J., and A. C. Finalborgo, assignors to General Printing Ink Corporation, New York, N. Y. Fibrous product and making the same. 2,372,713; Apr. 3.

Curl, Katie K., administratrix. (See Kirkland, Nicodemus E.)

Curle, Charles W., San Francisco, T. C. Curle, Ross, and R. F. Newton, San Francisco, Calif. Type slug end cutter. 2,369,947; Feb. 20.

Curle, Charles W., San Francisco, T. C. Curle, Ross, and R. F. Newton, San Francisco, Calif. Type slug side trimmer. 2,374,655; May 1.

Curle, Charles W., San Francisco, T. C. Curle, Ross, and R. F. Newton, San Francisco, Calif. Type slug low slugger. 2,374,656; May 1.

Curle, Theodore C.: *See*—
Curle, C. W. and T. C., and Newton.
Curle, Charles W. and T. C., and Newton.

Curme, George O., Jr., White Plains, N. Y., assignor to Carbide and Carbon Chemicals Corporation. Diesel fuel and method of improving Diesel fuel ignition. 2,378,466; June 19.

Curme, George O., Jr., White Plains, N. Y., and H. C. Chitwood, and J. W. Clark, Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation. Preparation of amino carboxylic acids and their salts. 2,384,816; Sept. 18.

Curme, George O., Jr., White Plains, N. Y., and H. C. Chitwood, and J. W. Clark, Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corp. Preparation of amino carboxylic acids and their salts. 2,384,818; Sept. 18.

Curran, Frank M., assignor to Haskelite Manufacturing Corporation, Grand Rapids, Mich. Method of and apparatus for molding trays. 2,382,004; Aug. 14.

Curran, Fred J.: *See*—
Asset, G., Curran, and Wills.

Curran, Joseph F., Lu Verne, Iowa. Combine. 2,374,334; Apr. 24.

Curran, Maurice D.: *See*—
Burrough, Edward J., assignor.

Curran, Stanley T., Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Key-equipped telephone set. 2,387,719; Oct. 30.

Currie, Frank L.: *See*—
Ridings, G. H., and Currie.

Currie, Frank L., Plainfield, N. J., and C. F. Stearns, Oceanside, assignors to The Western Union Telegraph Company, New York, N. Y. Multioffice telegraph system. 2,390,517; Dec. 11.

Currie, James E., Philadelphia, Pa. Elevator overload and blockage appliance. 2,374,473; Apr. 24.

Curry, John J., Philadelphia, Pa. Capsule. 2,382,978; Aug. 21.

Curry, Joseph G., San Antonio, Tex. Extruder. 2,371,225; Mar. 13.

Curry, Paul N., assignor to Durametallic Corporation, Kalamazoo, Mich. Valve. 2,390,642; Dec. 11.

Curry, Robert S.: *See*—
Esval, O. E., Curry, Fragola, and Beach.
Fragola, C. F., Depp, and Curry.
Lane, A. W., and Curry.

Curry, Robert S., Jr.: *See*—
Haskins, R., Jr., Esval, and Curry.

Curry, Robert S., Jr., Baldwin, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Commutator and brush type switch. 2,368,644; Feb. 6.

Curry, Robert S., Jr., Baldwin, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Controlling means for gyro instruments. 2,381,438; Aug. 7.

Curry, William E., Sunset Harbor, Fla. Attachment for safety razors. 2,366,599; Jan. 2.

Curtice, Chester I., Kansas City, Mo. Vegetable cutter. 2,374,851; May 1.

Curtin, Leonard S.: *See*—
Orr, T. F., and Curtin.

Curtis, Charles G., New York, N. Y. Two-cycle internal-combustion engine. 2,367,565; Jan. 16.

Curtis, Charles G., New York, N. Y. Internal-combustion engine. 2,376,233; May 15.

Curtis Companies Incorporated: *See*—
Bell, Forrest F., assignor.
Crozier, Bruce D., assignor.

Curtis, David, New York, N. Y. Anesthetic solutions. 2,382,546; Aug. 14.

Curtis, David, New York, N. Y. Therapeutic-anesthetic preparations. 2,385,262; Sept. 18.

Curtis, David, New York, N. Y. Stabilized aromatic compounds. 2,391,552; Dec. 25.

Curtis, Earl W.: *See*—
Harrold, C. W., and Curtis.

Curtis, Frank W., Springfield, Mass., assignor to Van Norman Company. Spark gap. 2,381,648; Aug. 7.

Curtis, Frank W., Springfield, Mass., assignor to Van Norman Company. Throttle valve for machine tool control. 2,384,078; Sept. 4.

Curtis, Harold W., Stoughton, assignor to B. F. Sturtevant Company, Hyde Park, Boston, Mass. Dust collector. 2,372,316; Mar. 27.

Curtis, John C., Claremont, N. H., assignor to Sullivan Machinery Company. Chuck mechanism. 2,385,349; Sept. 25.

Curtis, John C., Claremont, N. H., assignor to Sullivan Machinery Company. Impact tool. 2,385,797; Oct. 2.

Curtis, Manley M.: *See*—
Brede, W. S., Curtis, and Reibold.

Curtis Manufacturing Company: *See*—
Gygax, Ernest, assignor.

Curtis & Marble Machine Company: *See*—
Marble, George E., assignor.

Curtis Pump Company: *See*—
Curtis, Russell R., assignor.
Curtis, R. R., and Gates, assignors.
Curtis, R. R., and Schroeder, assignors.

Curtis, Russell R., assignor to Curtis Pump Company, Dayton, Ohio. Self-lubricated and cooled pump and motor assembly. 2,369,440; Feb. 13.

Curtis, Russell R., assignor to Curtis Pump Company, Dayton, Ohio. Pump seal. 2,373,463; Apr. 10.

Curtis, Russell R., assignor to Curtis Pump Company, Dayton, Ohio. Booster pump seal construction. 2,375,085; May 1.

Curtis, Russell R., assignor to Curtis Pump Company, Dayton, Ohio. Centrifugal separator pump. 2,379,133; June 26.

Curtis, Russell R., assignor to Curtis Pump Company, Dayton, Ohio. Pump seal construction. 2,379,868; July 10.

Curtis, Russell R., assignor to Curtis Pump Company, Dayton, Ohio. Fuel system. 2,383,369; Aug. 21.

Curtis, Russell R., assignor to Curtis Pump Company, Dayton, Ohio. Automatic pump speed control. 2,384,894; Sept. 18.

Curtis, Russell R., assignor to Curtis Pump Company, Dayton, Ohio. Combination booster pump. 2,390,204; Dec. 4.

Curtis, Russell R., and R. J. Schroeder, assignors to Curtis Pump Company, Dayton, Ohio. Submerged booster pump construction. 2,369,282; Feb. 13.

Curtis, Russell R., and R. L. Gates, assignors to Curtis Pump Company, Dayton, Ohio. Pump seal and drive construction. 2,380,222; July 10.

Curtis, Sidney et al.: *See*—
Scott, Philip B.

Curtiss, John S., El Paso, Tex. Fuse protector device. 2,388,309; Nov. 6.

Curtiss, John S., El Paso, Tex. Blasting cap fuse protector. 2,388,310; Nov. 6.

Curtiss, John S., Jr., Belmont, Calif. Die and making same. 2,388,528; Nov. 6.

Curtiss, Leon F.: *See*—
Krasnow, S., and Curtiss.

Curtiss-Wright Corporation: *See*—
Berlin, D. R., and Trimbach, assignors.
Birk, P. M., and Slater, assignors.
Blagden, Rudolph, assignor.
Blaylock, R. C., and Berrisford, assignors.
Darby, Robert A., assignor.
Dreifke, Raymond F., assignor.
Eiss, C. R., and Steele, assignors.
Hathorn, Charles E., assignor.
Hutton, James H., assignor.
Krickler, Frank, assignor.
Lindabury, Tryon S., assignor.
Lynex, Alfred J., assignor.
McKinnie, William F., assignor.
McWhorter, Charles R., assignor.
Nagamatsu, Henry T., assignor.
Noonan, E. L., and Tydon, assignors.
Page, G. A., Jr., Jerger, Rugge, and Watson, assignors.
Palley, I. Nevin, assignor.
Pekny, Edward R., assignor.
Poutle, Howard F., assignor.
Rose, Howard E., assignor.
Rowe, D. C., and Payne, assignors.
Schultz, Irving W., assignor.

Curtiss-Wright Corporation: *See*—Continued
Stoner, Marvin Le R., assignor.
Taylor, Paul H., assignor.
Trimbach, Clem G., assignor.
Trimbach, C. G., and Birk, assignors.
Tydon, Walter, assignor.
Tydon, W., and Augustine, assignors.
Walle, N. F., Sr., Maynard, and Kepler, assignors.
Williams, Sidney B., assignor.
Woppman, J. G., Hummel, and Newman, assignors.

Cusa, Noel W., C. E. Salkeld, and E. E. Walker, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Nitrogenous organic compounds and their application. 2,369,776; Feb. 20.

Cushman, Everett B., Roscoe, assignor to Sturgess, Inc., Glendale, Calif. Cable tension regulator. 2,371,130; Mar. 13.

Cushman, Lee H., Hamilton, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Controlling mechanism. 2,386,383; Oct. 9.

Cusic, John W., assignor to G. D. Searle & Co., Skokie, Ill. Heterocyclic tertiary amines. 2,368,006; Jan. 23.

Cüsters, Jakob, Gladbach-Rheydt, Germany; vested in the Alien Property Custodian. Apparatus for connecting piles of thermoplastic material. 2,387,566; Oct. 23.

Cuthbertson, George R., Detroit, Mich., assignor to United States Rubber Company, New York, N. Y. Cellular rubber chloride. 2,371,382; Mar. 13.

Cuthill, Annandale, and J. C. McBroom, Los Angeles, Calif. Window construction. 2,371,154; Mar. 13.

Cutler, Frank W., Palm Springs, assignor to Food Machinery Corporation, San Jose, Calif. Fruit feeding device. 2,367,757; Jan. 23.

Cutler-Hammer, Inc.: *See*—
Charbonneau, A. P., Russell, and Seeger, assignors.
Evans, Clarence T., assignor.
Feldhausen, Cyril P., assignor.
Harwood, P. B., and Newman, assignors.
Hodgson, H. E., and Kuhn, assignors.
Krieger, Alvin W., assignor.
Kuhn, Clarence W., assignor.
Lassen, Eivind U., assignor.
Lassen, E. U. (assignor), and Johnson.
Lassen, E. U., and Newman, assignors.
Lilliquist, A. E., and Proudfoot, assignors.
Nelson, E. H., and Stansbury, assignors.
Richter, Walther, assignor.
Robbins, Clyde F., assignor.
Rouse, William H., assignor.
Seeger, Edwin W., assignor.

Cutler, Roger W., Boston, Mass. Textile fiber working unit. 2,373,876; Apr. 17.

Cutler, Wallace E., Franklin, N. H. Oil cup. 2,377,543; June 5.

Cutter, George A., Dedham, assignor to Thomson-Gibb Electric Welding Company, Lynn, Mass. Welding apparatus. 2,384,014; Sept. 4.

Cuttner, George G.: *See*—
Grotnes, Carl C., assignor.

Cuyler, Robert H., Austin, and R. L. Goeth, Wichita Falls, assignors to J. F. Camp, San Antonio, Tex. Pressure measuring device. 2,384,159; Sept. 4.

Cyril Terence Delaney and Gallay, Limited: *See*—
Belaieff, James F., assignor.

Czapek, Emil, New York, N. Y. Machine and making cellulose films and the like. 2,371,155; Mar. 13.

Czaplewski, Frank, Baltimore, assignor to The Glenn L. Martin Company, Middle River, Md. Attachment for sheet metal forming and working machines. 2,374,852; May 1.

Czeczowitzka, Rudolf H., Pendleton, Salford, assignor to Texproof Limited, Pendleton, England. Impregnating fabrics with liquid. 2,370,290; Feb. 27.

Czegka, Victor H., Ipswich, Mass. Sled. 2,369,283; Feb. 13.

Czerner, Severin F., Kings Mill, Tex. Tank gauge and filling device. 2,387,011; Oct. 16.

Czerner, Severin F., Kings Mill, Tex. Grease gun. 2,388,391; Nov. 6.

Daboll, Walter F.: *See*—
Goff, H. E., and Daboll.

Dabrasky, August, Washington, D. C. Vehicle. 2,370,639; Mar. 6.

D'Accadia, Eduardo U., Milano, Italy; vested in the Alien Property Custodian. Gas producer by solid fuel, and suitable to feed gas motors, and especially auto motors. 2,390,058; Dec. 4.

Dacey, Mary M., executor, et al.: *See*—
Moore, Thomas F.

Dach, Max, Flushing, N. Y. Fuel pump. 2,368,524; Jan. 30.

Da Costa, Harry, London, assignor to The Plessey Company Limited, Ilford, Essex, England. Fuel injector pump for internal-combustion engines. 2,366,771; Jan. 9.

Da Costa, Harry, London, assignor to The Plessey Company Limited, Ilford, England. Starter for internal-combustion engines. 2,388,469; Nov. 6.

Dadant, Henry C., and R. A. Grout, Hamilton, Ill. Bee comb foundation. 2,366,182; Jan. 2.

Dady, Arthur O., Flossmoor, assignor to Sears, Roebuck and Co., Chicago, Ill. Roller latch construction. 2,385,350; Sept. 25.

Dady, Arthur O., Flossmoor, assignor to Sears, Roebuck and Co., Chicago, Ill. Barometric draft control. 2,388,253; Nov. 6.

Dager, Albert, Los Angeles, Calif. Ink fountain. 2,378,690; June 19.

Dager, Albert, assignor of one-half to E. Shaheen, Los Angeles, Calif. Collator. 2,373,746; Apr. 17.

D'Agostino, Francisco J., and S. A. Valdes, Buenos Aires, Argentina, assignors to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Modulation of electrical quantities. 2,385,086; Sept. 18.

Dahl, George H. M., Washington, D. C. Trolley controlling means. 2,376,758; May 22.

Dahl, Sven G. A., Stockholm, Sweden. Denture. 2,374,422; Apr. 24.

Dahlander, Noel L., et al.: *See*—
Margolin, N. G., and Anderson, assignors.

Dahlander, Noël L., New York, N. Y., assignor of one-half to R. J. Earl, New Canaan, Conn. Ladder. 2,371,156; Mar. 13.

Dahlander, Noël L., New York, N. Y., assignor of one-half to R. J. Earl, New Canaan, Conn. Flexible ladder. 2,378,913; June 26.

Dahlander, Noël L., New York, N. Y., assignor of one-half to R. J. Earl, New Canaan, Conn. Broad rung ladder. 2,378,914; June 26.

Dahlander, Noël L., New York, N. Y., assignor of one-half to R. J. Earl, New Canaan, Conn. Interdeck ladder apparatus. 2,388,678; Nov. 13.

Dahlander, Noël L., New Milford, Pa., assignor of one-half to R. J. Earl, New Canaan, Conn. Ladder. 2,371,608; Mar. 20.

Dahlander, Noël L., New Milford, Pa., assignor of one-half to R. J. Earl, New Canaan, Conn. Ladder. 2,371,609; Mar. 20.

Dahlberg, Arthur C., Geneva, and R. F. Holland, Seneca Castle, N. Y., assignors, by mesne assignments, to Cherry-Burrell Corporation, Chicago, Ill. Pasteurizing milk. 2,390,872; Dec. 11.

Dahlberg, Arthur O., Scarsdale, N. Y. Fountain pen. 2,375,770; May 15.

Dahlberg, Tord O. R., Nockeby and K. M. Vigborg, assignors to Kooperativa Forbundet Forening, U. P. A., Stockholm, Sweden. Gunnery practice device. 2,382,777; Aug. 14.

Dahle, Joseph, West Newton, assignor, by mesne assignments, to Pro-Phy-Lac-Tic Brush Company, Northampton, Mass. Making polyvinyl acetals. 2,370,126; Feb. 27.

Dahle, Joseph, West Newton, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Making stable polyvinyl acetal resins. 2,380,824; July 31.

Dahle, Joseph, West Newton, assignor, by mesne assignments, to Pro-phy-lac-tic Brush Company, Northampton, Mass. Polymeric acetals and making same. 2,387,833; Oct. 30.

Dahle, Joseph, West Newton, assignor, by mesne assignments, to Pro-Phy-Lac-Tic Brush Company, Northampton, Mass. Making polymeric acetals. 2,388,238; Nov. 6.

Dahlman, Nathan E., New York, N. Y. Simulated lace product. 2,366,183; Jan. 2.

Dahlman, Verner, assignor, to American Air Filter Company, Inc., Louisville, Ky. Automatic electrical precipitator. 2,383,111; Aug. 21.

Dahlman, Verner, assignor to American Air Filter Company, Inc., Louisville, Ky. Automatic electrical air cleaner. 2,383,112; Aug. 21.

Dahlstrom, John A.: *See*—
Focke, T. B., Dahlstrom, and Kirkpatrick.

Dahlstrom, Roy, Metuchen, N. J., assignor to National Lead Company, New York, N. Y. Controlling the metastability of hydrolyzable titanium salt solutions. 2,368,591; Jan. 30.

Daiber, Ome C., Seattle, Wash. Chamber for conditioning air. 2,376,345; May 22.

Daiber, Ome C., Seattle, Wash. Mitten. 2,380,633; July 31.

Dailey, Donald E., Germantown, assignor to Philco Corporation, Philadelphia, Pa. Refrigerator cabinet. 2,386,935; Oct. 16.

Dailey, Hampton J., Bloomfield, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electron discharge device. 2,379,067; June 26.

Dailey, Hampton J., Bloomfield, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Uniting parts. 2,383,113; Aug. 21.

Dailey, Edward R., Little Rock, Ark. Multiface piston. 2,388,781; Nov. 13.

Dailey, William H., Jr., Library, Pa. Agitation of pickling baths. 2,389,488; Nov. 20.

Daily, Robert A.: *See*—
Seabury, R. L., and Daily.

Daily, Robert A., Muncie, Ind., assignor to General Motors Corporation, Detroit, Mich. Sealing storage batteries. 2,388,042; Oct. 30.

Daily, Robert A., Muncie, assignor to General Motors Corporation, Detroit, Mich. Storage battery. 2,391,820; Dec. 25.

Dain Manufacturing Company of Iowa: *See*—
Jones, Frank D., assignor.
Moschel, H., and Hill, assignors.

Dake, Charles W., Grand Haven, assignor of one-half to L. B. Lee, Muskegon Heights, Mich. Projectile for guns. 2,377,839; June 5.

Dake, George E., assignor to The Parkersburg Rig & Reel Company, Parkersburg, W. Va. Heating apparatus. 2,387,883; Oct. 30.

Dakin, James E., Jr.: *See*—
Clark, Daniel E., assignor.

Dale, Clarence R., Altadena, assignor of thirteen and three-fourths per cent to J. R. Pemberton and forty-five per cent to Technical Oil Tool Corporation, Ltd., Los Angeles, Calif. Record reproducing device. 2,369,284; Feb. 13.

Dale, Clarence R., assignor of thirteen and seventy-five one hundredths per cent to J. R. Pemberton, and forty-five per cent to Technical Oil Tool Corporation, Ltd., Los Angeles, Calif. Recording instrument for oil wells. 2,382,569; Aug. 14.

Dale, Colin B., Oak Park, Ill., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Automatic phonograph. 2,374,080; Apr. 17.

Dale, Wallace W., Barre Center, N. Y. Fruit harvesting basket. 2,367,566; Jan. 16.

D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Synthetic compositions obtained by reaction of a chlorinated acetamide with a benzyl sulphonamide-modified urea resin. 2,366,494; Jan. 2.

D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Synthetic products having molecularly oriented structure. 2,366,495; Jan. 2.

D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Polyaminotriazine-formaldehyde resin modified with a preformed mono salt of a polyaminotriazine. 2,368,451; Jan. 30.

D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Reaction products of an aldehyde and a triazole derivative. 2,369,948; Feb. 20.

D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Triazole derivatives. 2,369,949; Feb. 20.

D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Removing cations from liquid media. 2,373,547; Apr. 10.

D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Removing cations from liquid media. 2,373,548; Apr. 10.

D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Removing cations from liquid media. 2,373,549; Apr. 10.

D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Triazole derivatives. 2,374,335; Apr. 24.

D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Urea-dimethylol urea-chlorinated acetamide resin. 2,377,761; June 5.

D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Aminoplasts having intercondensed therein a partial amide of a polycarboxylic acid. 2,377,866; June 12.

D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Condensation products. 2,377,867; June 12.

D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Synthetic compositions. 2,377,868; June 12.

D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Interpolymerization products of vinyl chloride and di-esters of itaconic acid. 2,378,194; June 12.

D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Preparation of partial polymers and copolymers of divinyl benzene. 2,378,195; June 12.

D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Preparation of divinyl benzene products. 2,378,196; June 12.

D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Preparation of divinyl benzene products. 2,378,197; June 12.

D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Reaction products and triazine derivatives. 2,378,198; June 12.

D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Synthetic resinous compositions comprising intercondensation products of vinyl esters, guanazoles, aldehydes and/or ketones. 2,378,199; June 12.

D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Reaction products of aldehydes and diazine derivatives. 2,379,691; July 3.

D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Chlorinated synthetic rubber. 2,380,726; July 31.

D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Reaction products of an aldehyde and a triazole derivative. 2,384,369; Sept. 4.

D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Condensation products of the modified urea-aldehyde type. 2,389,415; Nov. 20.

D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Plywood structures and related articles and making the same. 2,389,418; Nov. 20.

D'Alelio, Gaetano F., Northampton, Mass., assignor to General Electric Company. Plasticized vinyl compounds. 2,378,753; June 19.

D'Alelio, Gaetano F., Northampton, Mass., assignor to General Electric Company. Compounds produced from salts of sulphamic acid and their preparation. 2,389,416; Nov. 20.

D'Alelio, Gaetano F., and J. J. Pyle, Pittsfield, Mass., assignors to General Electric Company. Preparing derivatives of morpholine and thiamorpholine. 2,375,628; May 8.

D'Alelio, Gaetano F., Northampton, and J. W. Underwood, Pittsfield, Mass., assignors to General Electric Company. Ester of alpha-hydroxy isobutyric acid. 2,375,629; May 8.

D'Alelio, Gaetano F., and J. W. Underwood, Pittsfield, Mass., assignors to General Electric Company. Reaction products of aldehydes and diazine derivatives. 2,382,211; Aug. 14.

D'Alelio, Gaetano F., and J. J. Pyle, Pittsfield, Mass, assignors to General Electric Company. Derivatives of aminobenzene sulphonamides. 2,388,529; Nov. 6.

D'Alelio, Gaetano F., and J. W. Underwood, Pittsfield, Mass., assignors to General Electric Company. Reaction products of aldehydes and triazine derivatives. 2,389,417; Nov. 20.

D'Alelio, Gaetano F., and J. W. Underwood, Pittsfield, Mass., assignors to General Electric Company. Modified alkyd resin varnishes. 2,389,896; Nov. 27.

D'Alelio, Gaetano F., and J. W. Underwood, Pittsfield, Mass., assignors to General Electric Company. Reaction products of aldehydes and diazine derivatives. 2,391,683; Dec. 25.

Daley, Henry G., Woodbury Heights, and J. C. Howard, Jr., Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Apparatus and process for making catalytic particles. 2,384,455; Sept. 11.

Daley, Henry G., Woodbury Heights, D. J. Crowley, Pennsgrove, D. E. Badertscher, Woodbury, N. J., and H. L. Coonradt, Camp Lee, Va., assignors to Socony-Vacuum Oil Company, Incorporated. Purification of butadiene. 2,386,770; Oct. 16.

Daigleish, James W., assignor to Pye Limited, Cambridge, England. Oven for heating filamentary products. 2,373,550; Apr. 10.

Dalin, David, Sodertalje, Sweden. Regulating the passage of gases in heat exchangers. 2,374,178; Apr. 24.

Dalin, David, Kristiansborg, Sweden. Apparatus for separating from a gas or liquid medium solid or liquid particles. 2,386,196; Oct. 9.

Dalin, David, Sodertalje, Sweden. Damper and shutter for regulating the passage of a medium. 2,391,010; Dec. 18.

Da-Lite Screen Company, Inc.: *See*—
Du Mais, Leo J., assignor.
Heck, J. T., and Du Mais, assignors.

Dällenbach, Walter, Berlin W 35, A. Allerding, Berlin-Friedrichshafen, and E. Huttmann, Berlin-Kopenick, Germany; vested in the Alien Property Custodian. Oscillator-modulator circuit. 2,382,693; Aug. 14.

Dally, Roy, F. H. Goldsmith, and D. J. Munroe, assignors to Webster Electric Company, Racine, Wis. Recorder. 2,379,282; June 26.

Dalmen, August: *See*—
Hoffman, L., and Dalmen.

Dalmer, Otto, C. Diehl, and H. Pieper, Darmstadt, Germany, assignors to Merck & Co. Inc., Rahway, N. J. Derivatives of tertiary amino aliphatic acids. 2,370,015; Feb. 20.

Dalmo Victor, Inc.: *See*—
Soule, Arthur H., assignor.

Dalstra, Hendrik: *See*—
Campfens, C. J., and Dalstra.

Dalton, Benjamin W., Detroit, Mich. Sheet separator for printing presses. 2,390,827; Dec. 11.

Dalton, John T., Durham, N. C., assignor to The American Tobacco Company, New York, N. Y. Machine for securing tags to bag strings. 2,382,778; Aug. 14.

Dalton, Nelson W., Moorestown, N. J., assignor to Edward G. Budd Manufacturing Co., Philadelphia, Pa. Structural frame. 2,380,767; Nov. 27.

Dalton, Samuel L., Waleta, Tex. Power spraying machine. 2,381,649; Aug. 7.

Daly, Daniel F.: *See*—
Ballou, R. P., and Daly.

Daly, Edric W., Santiago, Chile. Automatic cream expender. 2,373,171; Apr. 10.

Daly, George F.: *See*—
Lake, C. D., and Daly.

Daly, George F., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Accounting machine. 2,377,762; June 5.

Daly, George F., Endicott, N. Y., and F. N. Esher, Rutherford, N. J., assignors to International Business Machines Corporation, New York, N. Y. Paper feeding device. 2,309,441; Feb. 13.

Daly, George F., Endicott, G. V. A. Malmros, Binghamton, and B. H. Phillips, Endicott, assignors to International Business Machines Corporation, New York, N. Y. Card sensing machine. 2,372,882; Apr. 3.

Daly, James B., Cleveland, Ohio, assignor to American Telephone and Telegraph Company. Subharmonic generator. 2,383,777; Aug. 28.

Daly, John A., assignor to Daly Ticket Company, Collinsville, Ill. Combination miner's check book. 2,391,136; Dec. 18.

Daly, Le Grand, Port Clinton, Ohio. Thermosetting plastic material. 2,384,015; Sept. 4.

Daly, Raymond E., and F. A. Frankenfield, Chicago, Ill., and H. H. Schopmeyer, Hammond, Ind., assignors to American Maize-Products Company. Making modified corn starch. 2,373,016; Apr. 3.

Daly, Thomas H., Watervliet, Mich. Spraying apparatus. 2,369,950; Feb. 20.

Daly Ticket Company: *See*—
Daly, John A., assignor.

Daly, William J., Brooklyn, N. Y., assignor, by mesne assignments, to Jasco, Incorporated. Stabilization of polyisobutylene. 2,387,499; Oct. 23.

Daly, Webster J., Los Angeles, Calif. Photographic apparatus. 2,386,781; Oct. 16.

Dalzell, Charles B., Little Falls, and R. J. Neely, Middleville, N. Y., assignors to Cherry-Burrell Corporation, Chicago, Ill. Pasteurizing apparatus. 2,371,807; Mar. 20.

Dalzell, Charles B., and E. Wyman, Little Falls, N. Y., assignors to Cherry-Burrell Corporation, Wilmington, Del. Heat exchange device. 2,383,292; Aug. 21.

Dalzell, Clarence W.: *See*—
Meyer, B. F. W., Dalzell, and Horton.

Dalzell, Harold L.: *See*—
Farrington, T. B. and R. K., and Dalzell.

Damian, Samuel W., Duquesne, Pa. Safety glasses. 2,368,117; Jan. 30.

Damicone, Clement A.: *See*—
Vance, R. M., and Damicone.

Damme, Walter O., and R. J. Gabler, assignors to Butler Manufacturing Company, Kansas City, Mo. Pressure filter. 2,379,848; July 3.

Dana, Homer J., Pullman, Wash. Pole soundness tester. 2,389,030; Nov. 13.

Dana, Stanley, Corp.: *See*—
York, Ernest E., assignor.

Danbar Packing Company: *See*—
Barth, August, assignor.

Danciger, Murray J.: *See*—
Klazkin, A., and Danciger.

Danciger Oil & Refineries, Inc.: *See*—
Isbell, Robert M., assignor.

Danforth, Joseph D., assignor to Universal Oil Products Company, Chicago, Ill. Refining of hydrocarbon oil. 2,373,227; Apr. 10.

Danforth, Joseph D., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Catalytic cracking of hydrocarbons. 2,378,200; June 12.

Dangelmajer, Charles, Nutley, N. J. Testing resistance to run and tear formation. 2,369,661; Feb. 20.

Dangelmajer, Charles, Nutley, N. J. Plasticizing proteins. 2,374,667; May 1.

Daniel, Sam P., et al.: *See*—
Williams, Edward B., Jr., assignor.

Daniel, Thomas, Detroit, Mich. Automobile cover. 2,366,600; Jan. 2.

Daniels, Arthur W., Cedar Rapids, Iowa, and J. P. Murtaugh, Oak Park, Ill., assignors to Daniels-Murtaugh Company, Cedar Rapids, Iowa. Dipper tooth. 2,369,285; Feb. 13.

Daniels, George H., Westfield, assignor to The Babcock & Wilcox Company, Newark, N. J. Steam generator 2,371,226; Mar. 13.

Daniels, James W., Fort Myers, Fla. Clam dredge. 2,386,295; Oct. 9.

Daniels, John S., Rockaway, Oreg. Oil burner. 2,388,254; Nov. 6.

Daniels-Murtaugh Company: *See*—
Daniels, A. W., and Murtaugh, assignors.

Daniels, Olive, et al.: *See*—
Carstarphen, William P., assignor.

Daniels, Paul J., Milwaukee, Wis. Carpet sweeper. 2,380,634; July 31.

Daniels, Robert C., assignor to The Procter & Gamble Company, Cincinnati, Ohio. Hydrolyzing fats. 2,387,884; Oct. 30.

Daniels, Rupert S., Union, and A. J. Mostello, Newark, N. J., assignors, to Bakelite Corporation, Abrasive compositions. 2,385,776; Oct. 2.

Danielson, Raymond W., Chicago, Ill. Calculating device. 2,381,424; Aug. 7.

Danielsson, Gösta J. D., Alsten, Sweden, assignor to The De Laval Separator Company, New York, N. Y. Purifying sulphite liquor. 2,380,504; July 31.

Dank, Albert E., assignor to Assembled Products Co., Baltimore, Md. Tire valve. 2,370,451; Feb. 27.

Dann, Charles W., East Orange, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Phonograph. 2,380,727; July 31.

Dann, Charles W., Orange, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Telephone coupling apparatus. 2,384,604; Sept. 11.

Dann, Morris, Cleveland, Ohio. Artificial respiration and aspiration apparatus. 2,382,610; Aug. 14.

D'Anna, Anthony J., et al.: *See*—
Rainsford, Thomas F., assignor.

Dannenbaum, Hans, Falkenhain-Finkenkrug, near Berlin, Germany, assignor to Schering Corporation, Bloomfield, N. J. Carboxylic acids of cyclopentanopolyhydrophenanthrene series and producing the same. 2,368,204; Jan. 30.

Dannenberg, Hans: *See*—
Adelson, D. E., and Dannenberg.

Danner, Edward, Newark, Ohio. Glassware-forming apparatus. 2,370,618; Mar. 6.

Danner, Edward, Newark, Ohio. Glassware-forming apparatus. 2,390,925; Dec. 11.

Danner, Edward, Newark, Ohio. Hollow glassware-forming apparatus. 2,390,926; Dec. 11.

Danuser, Jakob, Ariesheim, and R. von Capeller, Riehen, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Monoazo hetero-oxygen compounds. 2,391,137; Dec. 18.

Dany, Elmer W., Brecksville, and P. S. Gruber, assignors to Ferro Enamel Corporation, Cleveland, Ohio. Furnace. 2,375,771; May 15.

Danziger, Harold I., assignor to Henry L. Crowley & Company, Inc., West Orange, N. J. Electrical device. 2,377,213; May 29.

Dapolito, August A., assignor to L. L. Guardino, Jersey City, N. J. Comb. 2,383,713; Aug. 28.

Darby, Paul F., Fairfield, assignor to Remington Arms Company, Inc., Bridgeport, Conn. Optical object aligning device. 2,367,567; Jan. 16.

Darby, Robert A., Buffalo, N. Y., assignor to Curtiss-Wright Corporation. Fuselage bulge. 2,385,499; Sept. 25.

Darby, Vene L., Inglewood, Calif., assignor to North American Aviation, Inc. Floating nut. 2,384,729; Sept. 11.

Darby, William S., Baltimore, Md. Muffler for intercommunicating system units. 2,373,172; Apr. 10.

D'Arcey, Alfred C., Milton, assignor to Mason-Neilan Regulator Co., Boston, Mass. Flow regulating valve with linear characteristics. 2,374,336; Apr. 24.

D'Ardenne, Walter H., Jenkintown Manor, assignor to Heintz Manufacturing Company, Philadelphia, Pa. Trigger control mechanism. 2,376,129; May 15.

Darley, Ralph E., Glen Burnie, Md., assignor to Standard Oil Development Company. Lubricant manufacture. 2,382,694; Aug. 14.

Darli Industrial Management, Incorporated: *See*—
Ligh, David R., assignor.

Darling, Chester A.: *See*—
Darling, Nathan C., and C. A.

Darling, Glen F., Hollywood, Calif. Windshield wiper. 2,372,813; Apr. 3.

Darling, Nathan C., Shelton, Conn., and C. A. Darling, McClellan Field, Calif. Mason's implement. 2,381,263; Aug. 7.

Darling, Robert B., Hopewell, Va., assignor to Hercules Powder Company, Wilmington, Del. Treatment of cellulose. 2,382,399; Aug. 14.

Darnell, Edward F., assignor to O. S. Petty, San Antonio, Tex. Loading basket for explosive charges. 2,377,763; June 5.

Darnell, Richard C., Champaign, Ill. Director trainer. 2,387,749; Oct. 30.

Darnell, Victor L.: *See*—
Lefar, J., and Darnell.

Da Roza, Francis G., Ferndale, and F. E. Hill, assignors to General Motors Corporation, Detroit, Mich. Interlocking system. 2,382,611; Aug. 14.

Darwin, Clifford, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Bobbin magazine for weft replenishing looms. 2,381,725; Aug. 7.

Darwin, Clifford, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Thread control for weft replenishing mechanism. 2,387,122; Oct. 16.

Dasher, Richard, assignor to L. M. Rabinowitz & Company, Inc., New York, N. Y. Making fastening strips. 2,369,026; Feb. 6.

Daskais, Morris H., Chicago, Ill., assignor to Research Corporation. Mercuri-acetylide compounds and preparing same. 2,369,339; Feb. 13.

Daskais, Morris H., and E. K. Fields, Chicago, Ill., assignors to Research Corporation. Stabilized organic substances and stabilizing same. 2,388,255; Nov. 6.

Dath, George E.: *See*—
Haseltine, S. B., and Dath.

Dath, George E., assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorbing mechanism. 2,370,291; Feb. 27.

Dath, George E., assignor to W. H. Miner, Inc., Chicago, Ill. Shock absorber. 2,373,813; Apr. 21.

Dath, George E., assignor to W. H. Miner, Inc., Chicago, Ill. Shock absorber. 2,375,897; May 15.

Dath, George E., assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorber. 2,380,028; July 10.

Dath, George E., assignor to W. H. Miner, Inc., Chicago, Ill. Shock absorber. 2,390,205; Dec. 4.

Dath, George E., assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorber. 2,391,618; Dec. 25.

Dath, George E., Mokena, assignor to W. H. Miner, Inc., Chicago, Ill. Railway car truck. 2,378,537; June 19.

Dath, George E., Mokena, assignor to W. H. Miner, Inc., Chicago, Ill. Railway car truck. 2,378,538; June 19.

Dath, George E., Mokena, assignor to W. H. Miner, Inc., Chicago, Ill. Car construction. 2,386,093; Oct. 2.

Dath, George E., Mokena, assignor to W. H. Miner, Inc., Chicago, Ill. Railway car truck. 2,386,384; Oct. 9.

Dath, George E., Mokena, assignor to W. H. Miner, Inc., Chicago, Ill. Railway car truck. 2,389,123; Nov. 20.

Dath, George E., Mokena, assignor to W. H. Miner, Inc., Chicago, Ill. Railway car truck. 2,390,206; Dec. 4.

Dath, George E., Mokena, assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorbing mechanism. 2,390,207; Dec. 4.

Datin, Richard C., Petersburg, Va., assignor to The Solvay Process Company, New York, N. Y. Pebbling ammonium nitrate. 2,382,298; Aug. 14.

Daub, Rudolph, Paterson, N. J., assignor to Wright Aeronautical Corporation. Two-speed propeller drive. 2,372,883; Apr. 3.

D'Aubarede, Paul C. A. M., Saint-Genis-Laval, France; vested in the Alien Property Custodian. Airscrew propeller mounting. 2,369,538; Feb. 13.

Daubs, Eugene T., South St. Paul, Minn. Tool. 2,387,430; Oct. 23.

Daudelin, Jean B., Fall River, Mass., and R. J. Messier, assignors to Daudelin and Messier Company, Incorporated, East Providence, R. I. Loom shuttle. 2,377,925; June 12.

Daudelin and Messier Company: *See*—
Daudelin, J. B., and Messier, assignors.

Daudt, William H., assignor to Corning Glass Works, Corning, N. Y. Bis-trimethylsilicyl oxide and its preparation. 2,386,441; Oct. 9.

Daudt, William H., assignor to Corning Glass Works, Corning, N. Y. Trimethylethoxysilicane and its preparation. 2,390,518; Dec. 11.

Dauenhauer, Florian F., Santa Rosa, Calif. Pocket trommel. 2,376,128; May 15.

Dauenhauer, Florian F., Santa Rosa, Calif. Stationary type hop picking machine. 2,391,138; Dec. 18.

Daugherty, James P., Jr., Swarthmore, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Reactivation of catalysts. 2,371,610; Mar. 20.

Daugherty, Jesse, assignor to The Cincinnati Planer Company, Cincinnati, Ohio. Tool lifter for machine tools. 2,387,012; Oct. 16.

Daun, Carl L., Milwaukee, Wis., assignor to Chill-Quick Corporation. Cooling system. 2,367,340; Jan. 16.

Dauphinee, George S., Brooklyn, assignor to William B. Connor, New York, N. Y. Ventilating system. 2,369,119; Feb. 13.

Davenport, Edith E., executrix: *See*—
Silva, F. G., and Davenport.

Davenport, Granger, Montclair, assignor to Gould & Eberhardt, Incorporated, Irvington, N. J. Control for machine tools. 2,374,255; Apr. 24.

Davenport, Granger, Montclair, assignor to Gould & Eberhardt, Incorporated, Irvington, N. J. Motor control system. 2,374,257; Apr. 24.

Davenport, Granger, Montclair, assignor to Gould & Eberhardt, Newark, N. J. Infeed control for worm gear hobbing machines. 2,374,258; Apr. 24.

Davenport Machine Tool Co., Inc.: *See*—
Silva, F. G., and Davenport, assignors.
Silva, F. G., and Seymour, assignors.

Davenport, Ted C. C., Gardena, Calif. Lathe center. 2,376,905; May 29.

Davey, Edward L.: *See*—
Beaver, C. J., Davey, and Pirie.

Davey, James R., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Radio receiving system. 2,384,456; Sept. 11.

Davey, Peter, White Plains, N. Y. Calculator. 2,385,334; Sept. 25.

Davey, Warren, Montclair, assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Reaction process. 2,389,246; Nov. 20.

David, Andrew M., Washington, D. C. Outlet receptacle and wall plug. 2,380,151; July 10.

David, Erich, U. S. Army. Pneumatic power device. 2,380,152; July 10.

David-Ludwig Company: *See*—
Ludwig, John E., Sr., assignor.

David, Roger H., St. Paul, Minn. Shoe shining kit. 2,372,556; Mar. 27.

Davidsen, Jess S. W., Mountain View, Calif. Control system for hydraulically actuated devices. 2,385,351; Sept. 25.

Davidson, Bruce J., Manhasset, assignor to National Biscuit Company, New York, N. Y. Shipping container. 2,367,008; Jan. 9.

Davidson, Bruce J., Manhasset, assignor to National Biscuit Company, New York, N. Y. Carton. 2,367,717; Jan. 23.

Davidson Enamel Products, Inc.: *See*—
Austin, C. R., and Duncombe, assignors.

Davidson, Harvey E., Tulsa, Okla., assignor to Bethlehem Steel Company. Braking device. 2,389,031; Nov. 13.

Davidson, John, Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,380,029; July 10.

Davidson, John A., Brooklyn, N. Y. Machine for perforating, slitting, or scoring sheets. 2,390,426; Dec. 4.

Davidson, John H., South Haven, assignor to The Dow Chemical Company, Midland, Mich. Plant treatment composition. 2,380,416; July 31.

Davidson, John T., assignor to The Standard Register Company, Dayton, Ohio. Strip burster. 2,380,949; Aug. 7.

Davidson, John T., and B. T. Bickel, assignors to The Standard Register Company, Dayton, Ohio. Recording apparatus. 2,366,708; Jan. 9.

Davidson, Louis, Hewlett, N. Y. Arch construction. 2,376,906; May 29.

Davidson Manufacturing Corporation: *See*—
Davidson, William W., assignor.

Davidson, Thomas J.: *See*—
Hurlbut, J. H., Davidson and Bowman.

Davidson, Trevor O., Milwaukee, assignor, to Bucyrus-Erie Company, South Milwaukee, Wis. Suspension for crane booms. 2,378,915; June 26.

Davidson, Trevor O., Milwaukee, and R. S. Hoar, assignors to Bucyrus-Erie Company, South Milwaukee, Wis. Spooling device. 2,387,245; Oct. 23.

Davidson, William W., Evanston, Ill. Printing press. 2,374,668; May 1.

Davidson, William W., Evanston, assignor to Davidson Manufacturing Corporation, Chicago, Ill. Printing press. Re. 22,702; Dec. 4.

Davidson, William W., Evanston, Ill., assignor to Davidson Manufacturing Corporation. Typewriter. 2,386,442; Oct. 9.

Davidson, William W., Evanston, Ill., assignor to Davidson Manufacturing Corporation. Printing press. 2,387,750; Oct. 30.

Davie, Robert P., Jr., Manhattan Beach, assignor to North American Aviation, Inc., Inglewood, Calif. Actuating mechanism for aircraft components. 2,373,385; Apr. 10.

Davies, Clarence J., assignor to National Automotive Fibres, Inc., Detroit, Mich. Method and apparatus for making sheet material. 2,383,849; Aug. 28.

Davies, Clarence J., assignor to National Automotive Fibres, Inc., Detroit, Mich. Attachment for sewing machines. 2,387,649; Oct. 23.

Davies, Clarence J., assignor to National Automotive Fibres, Inc., Detroit, Mich. Ironing apparatus. 2,388,392; Nov. 6.

Davies, Clarence J., assignor to National Automotive Fibres, Inc., Detroit, Mich. Heating apparatus. 2,390,208; Dec. 4.

Davies, Edwin A.: *See*—
Jehle, F., and Davies.

Davies, George A.: *See*—
Etessam, A., and Davies.

Davies, George V., F. Parr, and C. M. Goodrich, Windsor, assignors to The Canadian Bridge Company, Limited, Walkerville, Ontario, Canada. Apparatus for measuring and adjusting tension in guy lines. 2,376,037; May 15.

Davies, Harry: *See*—
Reimschissel, C. A., and Davies.

Davies, John S.: *See*—
Knowles, J. O., Humphreys, and Davies.

Davies, Lynn E., Park Ridge, assignor to White Cap Company, Chicago, Ill. Topping machine for canning. 2,367,387; Jan. 16.

Davies, Lynn E., Park Ridge, assignor to White Cap Company, Chicago, Ill. Topping machine for canning. 2,370,292; Feb. 27.

Davies & Metcalfe Limited: *See*—
Metcalfe, Richard D. and J. C., assignors.

Davies, Michael L., Philadelphia, Pa. Fastening device. 2,377,405; June 5.

Davies, Newell A., Burlingame, Calif., assignor to Stauffer Chemical Company. Tartar emetic manufacture. 2,391,297; Dec. 18.

Davies, Percy H., Dudley, England. Hand truck. 2,374,982; May 1.

Davies, Reginald J., H. O. Dering, and T. W. Parker, assignors to English Clays, Lovering, Pochin & Company Limited, Saint Austell, England. Preparation of alumina from clay. 2,375,977; May 15.

Davies, Robert H.: *See*—
Parker, A. L., Davies, and Malichar.

Davis, Alex B., Cincinnati, Ohio, assignor to A. B. Dick Company, Chicago, Ill. Inks. 2,385,613; Sept. 25.

Davis, Alfred: *See*—
Newsome, J. H., and Davis.

Davis, Alto J., Montgomery, Ala. Piston expanding machine. 2,379,627; July 3.

Davis, Archibald H., Jr., Moline, Ill., assignor to American Machine and Metals, Inc., New York, N. Y. Fluid system control. 2,367,009; Jan. 9.

Davis, Archibald H., Jr., Rock Island, Ill., assignor to American Machine and Metals, Inc., New York, N. Y. Apparatus for measuring rate of movement. 2,388,256; Nov. 6.

Davis, Arnold R., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Softening rubber. 2,366,316; Jan. 2.

Davis, Arnold R., Riverside, Conn., assignor to American Cyanamid Company, New York, N. Y. Vulcanization of rubber. 2,366,317; Jan. 2.

Davis, Arnold R., Riverside, Conn., assignor to American Cyanamid Company, New York, N. Y. Softening of rubberlike substances. 2,371,098; Mar. 6.

Davis, Arnold R., Riverside, Conn., assignor to American Cyanamid Company, New York, N. Y. Softening of rubber and of synthetic rubberlike substances. 2,386,443; Oct. 9.

Davis, Arnold R., Riverside, Conn., assignor to American Cyanamid Company, New York, N. Y. Rubber accelerator. 2,387,834; Oct. 30.

Davis, Arnold R., Riverside, Conn., assignor to American Cyanamid Company, New York, N. Y. Disubstituted dithiophosphates. 2,380,718; Nov. 27.

Davis, Arnold R., Riverside, Conn., assignor to American Cyanamid Company, New York, N. Y. Vulcanization with diaryl guanidine addition products. 2,390,036; Nov. 27.

Davis, Arthur J., Milwaukee, Wis. Illuminated aircraft. 2,367,388; Jan. 16.

Davis, Augustine, Jr., Cincinnati, Ohio. Armored car. 2,382,862; Aug. 14.

Davis, Benjamin S., assignor to Newport News Forms Co., Inc., Newport News, Va. Glue-applying machine. 2,371,031; Mar. 6.

Davis, Cecil C., assignor of one-half to F. J. Gobble, Bristol, Tenn. Safety chuck key. 2,387,981; Oct. 30.

Davis, Charles R., Rochester, N. Y. Safe protection. 2,376,420; May 22.

Davis, Clyde O., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Joining objects. 2,367,206; Jan. 16.

Davis, Clyde O., and W. E. Kirst, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Explosive charge. 2,371,879; Mar. 20.

Davis, Clyde O., and W. E. Kirst, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing cast explosive charges. 2,384,730; Sept. 11.

Davis, Clyde W.: *See*—
Brown, T. E., and Davis.

Davis, Cortland W.: *See*—
Baker, R., and Davis.

Davis, Edward A., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Apparatus for cutting strip material. 2,387,650; Oct. 23.

Davis, Edward R.: *See*—
Swift, H. E., and Davis.

Davis, Elmer E., and T. F. Stevens, Newton Falls, assignors to The Thomas Steel Company, Warren, Ohio. Method of and means for removing burr from strips. 2,381,807; Aug. 7.

Davis, Elmer E., and T. F. Stevens, Newton Falls, assignors to The Thomas Steel Company, Warren, Ohio. Producing bevel edges on metal strip and the like. 2,381,808; Aug. 7.

Davis, Emery R., Beverly, Mass, assignor to United Shoe Machinery Corporation, Flemington, N. J. Backpart forming machine. 2,388,726; Nov. 13.

Davis Engineering Corporation: *See*—
Thompson, William H., assignor.

Davis, Ernest, assignor to The Prosperity Company, Inc., Syracuse, N. Y. Actuating mechanism for pressing machines. 2,367,102; Jan. 9.

Davis, Ernest, Syracuse, and W. F. Gayring, Minoa, assignors to The Prosperity Company, Inc., Syracuse, N. Y. Press for consolidating powder in detonating caps and the like. 2,367,103; Jan. 9.

Davis, Ernest W., River Forest, Ill. Centralized lubricating system. 2,368,808; Feb. 6.

Davis, Ernest W., River Forest, Ill. Flow restricting valve for oiling systems. 2,385,798; Oct. 2.

Davis, Ernest W., River Forest, assignor to Stewart-Warner Corporation, Chicago, Ill. Lubricant compressor. 2,377,677; June 5.

Davis, Ernest W., River Forest, assignor to Stewart-Warner Corporation, Chicago, Ill. Lubricant control valve. 2,378,985; June 26.

Davis, Ernest W., River Forest, assignor to Stewart-Warner Corporation, Chicago, Ill. Lubricant compressor. 2,390,781; Dec. 11.

Davis, Eugene L.: *See*—
Wood, J. T., Jr., and Davis.

Davis, Francis W., Belmont, Mass. Gear lapping machine. 2,385,129; Sept. 18.

Davis, Frank L.: *See*—
Brown, William F., assignor.

Davis, Frank L., College Point, Long Island, N. Y. Self-threading screw. 2,387,720; Oct. 30.

Davis, Frank L., College Point, N. Y. Drive fastener. 2,391,298; Dec. 18.

Davis, Frank W., Pasadena, Calif., assignor, by mesne assignments, to Consolidated Vultee Aircraft Corporation. Airplane control mechanism of the boost tab type. 2,370,844; Mar. 6.

Davis, Frederick R. J., Lima, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Armature construction for dynamo-electric machines. 2,387,885; Oct. 30.

Davis, Frederick W., East Hartford, Conn. Pipe wrench. 2,374,423; Apr. 24.

Davis & Furber Machine Company: *See*—
Rowe, Irving R., assignor.

Davis, Gaar: *See*—
Foltz, C., and Davis.

Davis, George B., Jr., Green Acres, Md. Coffee maker. 2,385,694; Sept. 25.

Davis, Gifford D., South Orange, N. J., D. Price, New York, N. Y., and J. G. Milligan, Arlington, assignors to National Oil Products Company, Harrison, N. J. Amides and sulphonated derivatives thereof. 2,367,010; Jan. 9.

Davis, Gifford D., South Orange, and E. J. Barth, East Orange, assignors to National Oil Products Company, Harrison, N. J. Sulphurized glyceryl esters of tall oil and making same. 2,385,912; Oct. 2.

Davis, Harold, Jamaica, assignor to M., H., and S. Davis, copartners doing business as Max Davis & Sons, New York, N. Y. Neckwear. 2,369,442; Feb. 13.

Davis, Harold G., Denver, Colo. Atomizer. 2,375,215; May 8.

Davis, Harold S.: *See*—
Bradley, C. W., and Davis.
Salley, D. J., Bradley, and Davis.

Davis, Harold Simmonds, Riverside, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparing conjugated diolefins. 2,375,086; May 1.

Davis, Harold S., and B. C. Redmon, Riverside, Conn., assignors to American Cyanamid Company, New York, N. Y. Preparation of alkylene cyanohydrins. 2,390,519; Dec. 11.

Davis, Harry, Brooklyn, N. Y. Toy figure. 2,377,616; June 5.

Davis, Harry A., Hopedale, Mass. Armored loom shuttle. 2,371,032; Mar. 6.

Davis, Henry R., Jr.: *See*—
Straw, Clayton, assignor.

Davis, Herbert L., Walpole, Mass., assignor to The B. F. Goodrich Company, New York, N. Y. Coating machine. 2,379,951; July 10.

Davis, Hubert E., Boston, assignor to A. S. Campbell Co. Inc., East Boston, Mass. Mounting for license plate frames or the like. 2,389,897; Nov. 27.

Davis, Hunt, Greensburg, Pa. Measurement of stress. 2,370,845; Mar. 6.

Davis, James A., Los Angeles, Calif. Lock nut. 2,372,884; Apr. 3.

Davis, James A., Lawrence, Kans. Forming earth building blocks. 2,388,679; Nov. 13.

Davis, John V., assignor to Udylite Corporation, Detroit, Mich. Conveying and processing apparatus. 2,375,630; May 8.

Davis, Justice B., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Apparatus for making fan belts. 2,367,821; Jan. 23.

Davis, Lincoln K., Brockton, Mass. Lighter for cigarettes and the like. 2,381,726; Aug. 7.

Davis, Max, et al.: *See*—
Davis, Harold, assignor.

Davis, Max, & Sons, et al.: *See*—
Davis, Harold.

Davis, Ocie F., Gadsden, Ala. Cultivator. 2,374,424; Apr. 24.

Davis, Oliver C., assignor to The Mengel Company, Louisville, Ky. Making hollow panels. 2,385,352; Sept. 25.

Davis, Raymond E., Berkeley, Calif., assignor to Kalman Floor Company, Inc., New York, N. Y. Apparatus for surfacing plastic bodies. 2,386,843; Oct. 16.

Davis, Rebecca, New York, N. Y. Quilted bed covering. 2,383,592; Aug. 28.

Davis, Richard E., assignor to The Oilgear Company, Milwaukee, Wis. Hydraulic draw press. 2,380,153; July 10.

Davis, Robert E., assignor to W. B. Davis & Son, Inc., Fort Payne, Ala. Hosiery. 2,384,079; Sept. 4.

Davis, Robert J., Lutherville, Md., assignor to Bendix Aviation Corporation, South Bend, Ind. Keying system. 2,386,844; Oct. 16.

Davis, Russell E.: *See*—
Caulk, J. R., Jr., and Davis.
Klancke, H., and Davis.

Davis, Russell E., assignor to Hussmann-Ligonier Company, St. Louis, Mo. Refrigerated display case. 2,379,885; July 10.

Davis, Sidney, et al.: *See*—
Davis, Harold, assignor.

Davis, W. B., & Son, Inc.: *See*—
Davis, Robert E., assignor.

Davis, Walter H., Shreveport, La. Siding material. 2,376,907; May 29.

Davis, Walwin L., Avon, assignor to Romec Pump Company, Elyria, Ohio. Coupling. 2,371,507; Mar. 13.

Davis, William: *See*—
Brown, William T., assignor.

Davis, William M., Cambridge, Mass. Tool supporting rack. 2,371,433; Mar. 13.

Davison, Charles R., Erie, Pa., assignor to The Standard Stoker Company, Incorporated. Protecting grate. 2,370,343; Feb. 27.

Davison Chemical Corporation, The: *See*—
Gabeler, William H., assignor.
Shoeld, Mark, assignor.

Davison, Leona, et al.: *See*—
Root, Joseph M., assignor.

Davison, Robert L., assignor to J. B. Pierce Foundation, New York, N. Y. Building construction. 2,372,187; Mar. 27.

Davison, Robert L., assignor to J. B. Pierce Foundation, New York, N. Y. Building construction. 2,372,768; Apr. 3.

Davison, Walter E., et al.: *See*—
Root, Joseph M., assignor.

Davol Rubber Company: *See*—
Auzin, John M., assignor.

Davy, Lee G.: *See*—
Von Bramer, H., and Davy.

Daw, Burton G., Webster Groves, Mo. Conveyer. 2,368,525; Jan. 30.

Dawes, Chester L., et al., trustees: *See*—
Boughton, W. A., Mansfield, and Hughes, assignors.

Dawihl, Walther, Kohlhasenbruck, near Berlin, Germany, assignor, by mesne assignments, to Alien Property Custodian. Making shaped bodies capable of being sintered. 2,378,539; June 19.

Dawn, George J., Waukegan, Ill., assignor to American Can Company, New York, N. Y. Conveyer for ovens. 2,390,075; Dec. 4.

Dawsey, Lynn H., Kenmore, and H. A. Rudolph, Buffalo, assignors to Buffalo Electro Chemical Company, Inc., Tonawanda, N. Y. Strontium peroxide and manufacturing same. 2,375,772; May 15.

Dawson, Albert J., assignor to Dravo Corporation, Pittsburgh, Pa. Rudder for boats. 2,383,727; Aug. 28.

Dawson, Arthur L. B.: *See*—
Meredew, G. C., and Dawson, assignors.

Dawson, Edward, New York, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Ball, disk, and drum mechanism. 2,388,680; Nov. 13.

Dawson, Edward J., East Gary, Ind. Extensometer. 2,376,038; May 15.

Dawson, Edward L., and H. Taylor, assignors to Turner Brothers Asbestos Company Limited, Spotland, Rochdale, England. Fabric pad for laundry and like presses. 2,382,141; Aug. 14.

Dawson, Fred J., Bronx, N. Y., assignor to Ortho Products, Inc., Linden, N. J. Cabinet. 2,370,941; Mar. 6.

Dawson, George A., Stelton, N. J., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilized concentrated photographic developing compositions. 2,366,496; Jan. 2.

Dawson, George H., Needham, Mass., and P. O. Unger, Elmhurst, assignors to Wilson-Jones Company, Chicago, Ill. Loose-leaf binder. 2,381,040; Aug. 7.

Dawson, Hector G., Glendale, Long Island, assignor to Aircraft Screw Products Company, Inc., Long Island City, N. Y. Nut. 2,386,197; Oct. 9.

Dawson, John W., West Newton, assignor to Raytheon Manufacturing Company, Newton, Mass. Resistance welding system. 2,377,328; June 5.

Dawson, John W., West Newton, and H. Klemperer, Belmont, assignors to Raytheon Manufacturing Company, Newton, Mass. Welding system. 2,383,473; Aug. 28.

Dawson, Leo H., Washington, D. C. Measuring surface brightness. 2,372,661; Apr. 3.

Dawson, Oliver H., Baytown, Tex., assignor to Standard Oil Development Company. Dealkylation of alkylated phenols. 2,366,497; Jan. 2.

Dawson, Oliver H., Bayton, Tex., assignor to Standard Oil Development Company. Production of tertiary paraffins. 2,389,598; Nov. 27.

Dawson, Oliver H. P., Baytown, Tex., assignor to Standard Oil Development Company. Separation and purification of green or water-soinble sulphonic acids. 2,368,452; Jan. 30.

Dawson, Reginald D., Berkeley, and C. F. Blankenhorn, Oakland, assignors to Shell Development Company, San Francisco, Calif. Well drilling fluid. 2,371,955; Mar. 20.

Dawson, Sidney, assignor to R. Groetchen, Chicago, Ill. Cooker. 2,372,362; Mar. 27.

Dawson, Sidney, assignor to R. Groetchen, Chicago, Ill. Burner construction for cookers. 2,372,363; Mar. 27.

Dawson, William W., Lost Creek, W. Va. Motor drive for small machinery. 2,367,267; Jan. 16.

Day, Harold M.: *See*—
Jayne, D. W., Jr., and Day.
Jayne, D. W., Jr., Day, and Gieseke.

Day, Howard Q., assignor of one-half to himself, and one-half to O. F. Day, Chicago, Ill. Apparatus for cutting curved surfaces. 2,390,927; Dec. 11.

Day, J. H., Company, The: *See*—
Rechtin, C. R., and Trostle, assignors.

Day, James F., Richlands, Va. Railway car tether releasing means. 2,370,523; Feb. 27.

Day, Lamar L.: *See*—
Day, Leslie, assignor.

Day, Leonora: *See*—
Spickelmier, E., Long, McKinley, and Day.

Day, Leslie, Chicago, Ill., assignor of one-half to Lamar L. Day, St. George, Staten Island, N. Y. Control system. 2,391,228; Dec. 18.

Day, Olive F.: *See*—
Day, Howard Q., assignor.

Day, Roger O., Westfield, and B. L. Gordon, Montclair, N. J., assignors to The Linde Air Products Company. Method of and apparatus for heat-treating metal bodies. 2,387,835; Oct. 30.

Day-Brite Lighting, Inc.: *See*—
Biller, David J., assignor.
Rozier, Louis J., assignor.

Dayton Acme Co.: *See*—
Canady, Don, assignor.

Dayton, Ernest L., Detroit, Mich. Fluid type seal. 2,385,406; Sept. 25.

Dayton Pump and Manufacturing Company, The: *See*—
Bench, D. E., and Crosby, assignors.
Eickmeyer, E. E., Horvath, and Zumbrink, assignors.

Dayton Rubber Manufacturing Company, The: *See*—
Bacon, Henry M., assignor.
Lufcee, E. L., and Crosby, assignors.

Dayton Steel Foundry Company, The: *See*—
Walther, G., and Miller, assignors.

Dazley, Frederick C.: *See*—
Mueller, A. G., Young, and Dazley.

Deakin, Gerald, assignor to International Standard Electric Corporation, New York, N. Y. Ribbon cable for terminal banks. 2,370,846; Mar. 6.

Deakin, Gerald, assignor to International Standard Electric Corporation, New York, N. Y. Telecommunication system. 2,376,346; May 22.

Deakin, Gerald, assignor to International Standard Electric Corporation, New York, N. Y. Telecommunication system. 2,380,950; Aug. 7.

Deakin, Gerald, assignor to International Standard Electric Corporation, New York, N. Y. Automatic and semiautomatic telephone exchange system. 2,381,727; Aug. 7.

Deakin, Gerald, assignor to International Standard Electric Corporation, New York, N. Y. Telephone exchange system. 2,385,968; Oct. 2.

Deal, Erastus C., Wilkes-Barre, Pa., assignor to Deal Slide-Lock Devices, Inc., Bronx, N. Y. Slide-lock device. 2,380,030; July 10.

Deal, Erastus C., Wilkes-Barre, Pa., assignor to Deal Slide-Lock Devices, Inc., Bronx, N. Y. Lock, latch, and the like. 2,390,076; Dec. 4.

Deal, Harmon B., Glen Ridge, N. J., assignor to Radio Corporation of America. Remote control system. 2,378,540; June 19.

Deal, Harmon B., Glen Ridge, N. Y., assignor to Radio Corporation of America. Power line signaling system. 2,388,530; Nov. 6.

Deal, Harmon B., Glen Ridge, N. J., assignor to Radio Corporation of America. Low-frequency signaling. 2,388,531; Nov. 6.

Deal Slide-Lock Devices, Inc.: *See*—
Deal, Erastus C., assignor.

Deal, Troy M., and W. Baker, Cedar Rapids, Iowa, assignors to Link-Belt Speeder Corporation. Stabilizer. 2,381,425; Aug. 7.

Dean, Albert G.: *See*—
Pancoe, G. W., and Dean.

Dean, Albert G., Narberth, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Rail car underframe. 2,366,709; Jan. 9.

Dean, Albert G., Narberth, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Sheet metal structure and making the same. 2,383,370; Aug. 21.

Dean, Albert G., Narberth, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Rail car end structure. 2,383,371; Aug. 21.

Dean, Albert G., Narberth, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Rail car construction. 2,383,372; Aug. 21.

Dean, Albert G., Narberth, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Aircraft or like hollow body with external reinforcement therefor. 2,383,935; Sept. 4.

Dean, John C., Douglaston, and R. T. Edwards, New York, N. Y., assignors to Socony-Vacuum Oil Company, Incorporated. Treating paper stock. 2,390,695; Dec. 11.

Dean, John G., Pittsburgh, and R. Heiligman, Philadelphia, Pa., and R. Riley, Birmingham, N. J., assignors to The Permutit Company, New York, N. Y. Manufacture of zeolitic materials. 2,371,427; Mar. 13.

Dean, Maurice R.: *See*—
Walls, W. S., and Dean.

Dean, Raymond M.: *See*—
Lieber, E. and D.

Dean, Reginald S., Washington, D. C., assignor to the Government of the United States, as represented by the Secretary of the Interior. Production of potable water from saline solutions. 2,366,184; Jan. 2.

Dean, Reginald S., Salt Lake City, Utah, assignor to Chicago Development Company, Chicago, Ill. Structural element having low heat conductivity. 2,366,601; Jan. 2.

Dean, Reginald S., Salt Lake City, Utah, assignor to Chicago Development Company, Chicago, Ill. Manganese alloys. 2,376,867; May 29.

Dean, Reginald S., Salt Lake City, Utah, assignor to Chicago Development Company, Chicago, Ill. Manganese alloys. 2,378,916; June 26.

Dean, Reginald S., and C. T. Anderson, Salt Lake City, Utah, assignors to Chicago Development Company, Chicago, Ill. Magnesium alloy. 2,376,868; May 29.

Dean, Reginald S., Washington, D. C., and C. T. Anderson, Rolla, Mo., assignors to Chicago Development Company, Chicago, Ill. Alloys. 2,376,869; May 29.

Dean, Russell T., Stamford, assignor to American Cyanamid Company, New York, N. Y. Rubber plasticizers. 2,373,173; Apr. 10.

Dean, Russell T., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Polymerized allyl esters. 2,374,081; Apr. 17.

Dean, Russell T., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Rubber vulcanization accelerators. 2,385,335; Sept. 25.

Dean, Russell T., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Plasticized compositions. 2,389,959; Nov. 27.

Dean, Russell T., Stamford, and E. O. Hook, Darien, Conn., assignor to American Cyanamid Company, New York, N. Y. Plasticized compositions. 2,389,489; Nov. 20.

Dean, Walter A.: *See*—
Kempf, L. W., and Dean.

Dean, Walter A., Lakewood, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Brazing alloy. 2,376,577; May 22.

Dean, Walter A., Lakewood, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Brazing alloy. 2,376,578; May 22.

Dean, Walter A., Lakewood, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Brazing alloy. 2,376,579; May 22.

Dean, Walter A., Lakewood, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Brazing alloy. 2,376,580; May 22.

Dean, Walter A., Lakewood, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Brazing alloy. 2,376,581; May 22.

Dean, Walter A., Lakewood, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Brazing alloy. 2,376,582; May 22.

Dean, Walter A., Lakewood, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Quenching of aluminum-magnesium alloys. 2,390,238; Dec. 4.

Deane, Richard, South Slocan, British Columbia, Canada. Dynamic torque compensator. 2,375,404; May 8.

Deans, Frederick E.: *See*—
Brooksby, E., and Deans.

Deans, Robert S., Pittsburgh, Pa., assignor to Carnegie-Illinois Steel Corporation. Castor table. 2,366,443; Jan. 2.

Deans, Robert S., Pittsburgh, Pa., assignor to Carnegie-Illinois Steel Corporation. Edge scraper for electrolytic tinning lines and the like. 2,386,663; Oct. 9.

De Anthony, Robert P., Dayton, Ohio. Polyphase protective system. 2,389,613; Nov. 27.

Dearborn, Arthur S.: *See*—
Morgan, T. J., and Dearborn.

Dearborn Chemical Company: *See*—
Gunderson, Lewis O., assignor.

Dearborn Glass Company: *See*—
McCormic, Joseph A., Jr., assignor.

Deardorff, Clinton E.: *See*—
Butrovich, G. W., and Deardorff.

Deardorff, Paul A., Detroit, Mich., and C. A. Balton, Buffalo, N. Y. Hydraulic transmission. 2,370,640; Mar. 6.

Dearing, Le Roy M., and C. H. Guell, assignors to Eastman Kodak Company, Rochester, N. Y. Developers containing silver halide solvents. 2,371,740; Mar. 20.

Dearsley, George: *See*—
Harris, R. W., and Dearsley.

Dearsley, George, and R. W. Harris, Deptford, London, S. E. 8, assignors to Molins Machine Company Limited, Deptford, London, England. Feeding device for automatic machines. 2,373,747; Apr. 17.

Dearstyne, Lewis, Upper Darby, Pa., and J. J. Rutkowski, assignors to Switlik Parachute Company, Trenton, N. J. Parachute pack. 2,383,293; Aug. 21.

Deason, Johnston M.: *See*—
Brown, W. T., W. L., and L. C., assignors.

Deavenport, Ben M., assignor of twenty-five per cent to L. L. Ledbetter, and thirty per cent to S. E. Adams, Clarksdale, Miss. Two-depth seed planter. 2,366,389; Jan. 2.

De Baufre, William L., Lincoln, Nebr. Process and apparatus for producing industrial oxygen. 2,380,417; July 31.

De Beaumont, P. S., Washington, D. C., assignor to Packard Motor Car Company, Detroit, Mich. Indicator device. 2,390,643; Dec. 11.

De Beauregard, Amedee C.: *See*—
Alkan, R., and de Beauregard.

De Becze, George: *See*—
Liebmann, A. J., and de Becze.

De Bell, John M., Longmeadow, and E. R. Derby, Springfield, Mass., assignors, by mesne assignments, to Monsanto Chemical Company. Plasticized polyvinyl acetal resin. 2,384,537; Sept. 11.

De Bell, John M., Longmeadow, and E. R. Derby, Springfield, Mass., assignors, by mesne assignments, to Monsanto Chemical Company. Plasticized polyvinyl acetal resin. 2,384,538; Sept. 11.

De Benedictis, Aldo: *See*—
Luten, D. B., Jr., and De Benedictis.

De Benedictis, Aldo, and D. B. Luten, Jr., Berkeley, assignors to Shell Development Company, San Francisco, Calif. Separating 2,3,6-trimethyl phenol and 2-methyl-4-ethyl phenol. 2,370,719; Mar. 6.

Debicki, Alfred F., Muskegon, Mich., assignor to The Brunswick-Balke-Collender Company, Chicago, Ill. Billiard table. 2,391,395; Dec. 25.

De Boer, Christian: *See*—
Weick, F. E., and De Boer.

De Botelho, Martin, New York, N. Y. Cosmetic unit. 2,388,470; Nov. 6.

De Brabander, Camiel, Newport, assignor to American Viscose Corporation, Wilmington, Del. Device for treating filamentary material. 2,390,572; Dec. 11.

De Bruijn, Hendrik, Geleen, and M. H. R. J. Plusje, Maastricht, Netherlands; vested in the Alien Property Custodian. Process for the production of substantially anhydrous calcium nitrate. 2,375,898; May 15.

De Bruin, Peter, Monterey Park, Calif. Swing package and swing seat. 2,375,087; May 1.

De Bruin, Peter, Monterey Park, Calif. Swing bracket. 2,387,721; Oct. 30.

De Cardy, Otto, Chicago, Ill., assignor to The Heyer Corporation. Locking device. 2,389,424; Nov. 20.

De Castro, Manuel M., Habana, Cuba. Registering device for weighing apparatus. 2,376,234; May 15.

De Castro, Manuel M., San Francisco, Calif. Light sensitive apparatus. 2,376,235; May 15.

De Canisse, Octave S., Hollywood, Calif. Self-locking high-shear rivet. 2,376,329; May 22.

Decker, Alonzo G., Jr., Baltimore County, Md., assignor to The Black and Decker Manufacturing Company. Bit control for percussive tools. 2,391,553; Dec. 25.

Decker, Ferdinand A., Jr., Parkersburg, W. Va., assignor to American Viscose Corporation, Wilmington, Del. Thread guide. 2,388,239; Nov. 6.

Decker, Ferdinand A., Jr., and P. G. Woodward, Parkersburg, W. Va., assignors to American Viscose Corporation, Wilmington, Del. Method and apparatus for evaluating thread tensioning devices. 2,380,951; Aug. 7.

Decker, Ferdinand A., Jr., and L. K. Spangler, Parkersburg, W. Va., assignors to American Viscose Corporation, Wilmington, Del. Wrapper for wound filamentary masses. 2,382,400; Aug. 14.

Decker, Jacob: *See*—
Theler, F. J., Binns, and Decker.

Decker, Jacob, and H. Ernst, assignors to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machine. 2,367,758; Jan. 23.

Decker, Jacob, Cincinnati, and A. D. C. Stuckey, Hamilton, assignors to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Grinding machine. 2,367,759; Jan. 23.

Decker, Jacob, and B. A. Kearns, assignors to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Grinding machine. 2,376,236; May 15.

Decker, Jacob, Cincinnati, and A. D. C. Stuckey, Hamilton, assignors to The Cincinnati Milling Co., Cincinnati, Ohio. Grinding machine. 2,376,237; May 15.

Decker, John A., Bayonne, and D. P. Wilkes, Raritan Township, Middlesex County, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Article handling apparatus. 2,382,863; Aug. 14.

Decker, Taylor E.: *See*—
Harrows, Walter, assignor.

Deckert, Clarence A., Jackson Heights, N. Y. Hospital bed. 2,373,017; Apr. 3.

Deckert, Clarence A., Jackson Heights, N. Y. Hospital bed. 2,373,018; Apr. 3.

Decorated Metal Manufacturing Company, Inc.: *See*—
Atwood, Rawson, assignor.

DeCosta, Edwin J., and J. S. Glickauf, Jr., Chicago, Ill. Automatic service equipment. 2,377,133; May 29.

De Cota, Emri J., Larkspur, Calif. Steam generator. 2,389,898; Nov. 27.

De Craene, Edmond P., Westchester, and R. Fennema, assignors to Crane Co., Chicago, Ill. Valve actuating means. 2,370,804; Feb. 27.

Decum Syndicate: *See*—
Wilson, George K., assignor.

Dedo, Leonard, Chicago, Ill. Building structure. 2,389,899; Nov. 27.

Dedrick, William H., Waco, Tex., assignor to Beech Aircraft Corporation, Wichita, Kans. Beading tool. 2,377,406; June 5.

Deebel, George F., Dayton, Ohio, assignor to Monsanto Chemical Company. Esters of 2-butene-1,4-diol. 2,366,667; Jan. 2.

Deems, Frank E.: *See*—
McDaniel, L. L., and Deems.

Deere & Company: *See*—
Anderson, R. L., Arnold, and Paradise, assignors.
Andrews, Norman F., assignor.
Brown, Theophilus, assignor.
Brown, T., and Paul, assignors.
Cantral, John I., assignor.
Coultas, Wilbur J., assignor.
Coultas, W. J., Johnson, and Walker, assignors.
Court, Frank T., assignor.
Hayes, J. B., and Dort, assignors.
Johnson, Theodore W., assignor.
Korum, Henry E., assignor.
Louthan, George R., assignor.
Oehler, Alvin W., assignor.
Oehler, A. W., and Adams, assignors.
Oerman, Orey W., assignor.
Paradise, L. A., and Oehler, assignors.
Pasturczak, Stanley F., assignor.
Pilcher, Harold W., assignor.
Rasmussen, C. T., and Griff, assignors.
Silver, Walter H., assignor.
Sklovsky, M., and Nordenson, assignors.
Strandlund, Carl G., assignor.
Stueland, Harold M., assignor.
Thomas, Haydon P., assignor.
White, Charles H., assignor.

Deerfsun, Joseph A., Coney Island, N. Y. Hanger for wearing apparel. 2,383,593; Aug. 28.

Deerhake, Franklin M., Schenectady, N. Y., assignor to General Electric Company. Remote gain control for video amplifiers. 2,368,453; Jan. 30.

Dees, Alfred F., assignor to The Ohio Brass Company, Mansfield, Ohio. Conveyer control. 2,371,956; Mar. 20.

De Fazi, Carlo: *See*—
De Fazi, Fulvio, assignor.

De Fazi, Fulvio, New York, N. Y., assignor of one-half to C. De Fazi, Jamaica Plain, Mass. Swaging apparatus 2,386,296; Oct. 9.

Defender Photo Supply Co., Inc.: *See*—
Brown, Robert F., assignor.
Potter, R. S., and Brown, assignors.

De Feo, Fred, New York, N. Y. Sweat band. 2,387,567; Oct. 23.

Defiance Sales Corporation: *See*—
Bannon, John F., assignor.

De Flon, James G., assignor to The Fluor Corporation, Ltd., Los Angeles, Calif. Spray nozzle. 2,375,528; May 8.

De Fonseca, Max C., Cascais, Portugal. Apparatus for the multiplication of images of a body. 2,389,843; Nov. 27.

De Forest, Lee, Los Angeles, Calif. Method of and apparatus for determining the ground speed and/or course of aircraft. 2,391,554; Dec. 25.

De Forest's Training, Inc.: *See*—
Thompson, Orville I., assignor.

De Freitas, Joseph L., assignor to Specialized Engineering Company, Fresno, Calif. Parachute release. 2,373,386; Apr. 10.

De Geofroy, Louis: *See*—
Rawlings, F. N., and De Geofroy.

Degering, Edward F.: *See*—
Gwynn, B. H., and Degering.

De Giers, Clarence A., Forest Hills, assignor to The Liquidometer Corporation, Long Island City, N. Y. Contents gauge for deep tanks. 2,369,027; Feb. 6.

De Giers, Clarence A., Forest Hills, assignor to The Liquidometer Corporation, Long Island City, N. Y. Tank contents gauge with correction for temperature. 2,382,695; Aug. 14.

De Giers, Clarence A., Forest Hills, and A. Wickesser, St. Albans, assignors to The Liquidometer Corporation, Long Island City, N. Y. Remote regulation of atmospheric condition. 2,371,428; Mar. 13.

De Giers, Clarence A., Forest Hills, and A. Wickesser, St. Albans, assignors to The Liquidometer Corporation, Long Island City, N. Y. Temperature control for refrigerator cars. 2,390,993; Dec. 18.

Degnan, William M.: *See*—
Hill, A. J., and Degnan.

Degnen, William J., Westfield, N. J., H. M. Nelly, Jr., Houston, Tex., and P. C. Keith, Peapack, assignors to The M. W. Kellogg Company, Jersey City, N. J. Apparatus for converting hydrocarbon oils. 2,370,234; Feb. 27.

Degnen, William J., Westfield, N. J., H. M. Nelly, Jr., Houston, Tex., and P. C. Keith, Jr., Peapack, assignors to The M. W. Kellogg Company, Jersey City, N. J. Apparatus for converting hydrocarbon oils. 2,378,394; June 19.

De Graw, Moroni J., Boise, Idaho. Wrench. 2,386,444; Oct. 9.

De Grazia, Joseph, Washington, D. C. Drawstring for trouser legs. 2,390,077; Dec. 4.

De Groote, August H.: *See*—
Pierce, F. G., and De Groote.

De Groote, Melvin, University City, Mo., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,375,534; May 8.

De Groote, Melvin, University City, Mo., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petrolenm emulsions. 2,375,535; May 8.

De Groote, Melvin, University City, Mo., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,375,536; May 8.

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De Groote, Melvin, University City, Mo., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,375,539; May 8.

De Groote, Melvin, University City, Mo., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Composition of matter and making same. 2,375,540; May 8.

De Groote, Melvin, University City, Mo., assignor, by mesne assignments, to Petrolite Corporation, Ltd. Salts of certain substituted aldimines, etc. 2,375,899; May 15.

De Groote, Melvin, University City, Mo., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,390,082; Dec. 4.

De Groote, Melvin, University City, Mo., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,390,083; Dec. 4.

De Groote, Melvin, University City, B. Keiser, Webster Groves, and A. F. Wirtel, Kirkwood, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Composition of matter and making same. 2,375,530; May 8.

De Groote, Melvin, University City. B. Keiser, Webster Groves, and A. F. Wirtel, Kirkwood, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Composition of matter, and making same. 2,375,531; May 8.

De Groote, Melvin, University City, Mo., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Derivatives of 5-amino-1,3-dioxanes and making same. 2,384,605; Sept. 11.

De Groote, Melvin, University City, Mo., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Derivatives of 5-amino-1,3-dioxanes and making same 2,384,606; Sept. 11.

De Groote, Melvin, University City, Mo., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Derivatives of 5-amino-1,3-dioxanes and making same. 2,384,607; Sept. 11.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Certain water-soluble high molal oxyalkylated esters, and making same. 2,366,239; Jan. 2.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Water soluble high molal oxyalkylated esters, and making same. 2,366,240; Jan. 2.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. New composition of matter. 2,366,498; Jan. 2.

De Groote, Melvin, University City, and B. Keiser and C. M. Blair, Jr., Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Basic acylated cyclic diamine. 2,369,817; Feb. 20.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Water-soluble high molal oxyalkylated esters, and making same. 2,369,818; Feb. 20.

De Groote, Melvin, University City and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Certain water-soluble high molal oxyalkylated esters and making same. 2,371,429; Mar. 13.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,372,254; Mar. 27.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,372,255; Mar. 27.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,372,256; Mar. 27.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,372,257; Mar. 27.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,372,258; Mar. 27.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,372,259; Mar. 27.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Composition of matter and making same. 2,372,364; Mar. 27.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Composition of matter and making same. 2,372,365; Mar. 27.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Composition of matter and making same. 2,372,366; Mar. 27.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,373,102; Apr. 10.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,373,174; Apr. 10.

De Groote, Melvin, University City, B. Keiser, Webster Groves, and A. F. Wirtel, Kirkwood, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Composition of matter and making same. 2,373,228; Apr. 10.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Esteramides. 2,373,229; Apr. 10.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Ester diamides. 2,373,230; Apr. 10.

De Groote, Melvin, University City and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Certain water-soluble high molal oxyalkylated esters and making same. 2,375,529; May 8.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Acylated hydroxylated polyamine. 2,375,532; May 8.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Esters of hydroxylated acylated ureas. 2,375,533; May 8.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. New chemical compound and making same. 2,381,115; Aug. 7.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Certain subresinous esterification derivatives of high molal hydroxy acid amides and making same. 2,381,116; Aug. 7.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Ester-linked acyl amides and making same. 2,381,117; Aug. 7.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Certain ester-linked acylated derivatives of polyamino ether alcohols and making same. 2,381,118; Aug. 7.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Ester-linked acylated aminoalcohols and making same. 2,381,575; Aug. 7.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Certain subresinous esterification derivatives of acylated polyamines and making same. 2,381,576; Aug. 7.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Subresinous esterification derivatives of hydroxylated amides and making same. 2,381,577; Aug. 7.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Esterification reaction product and making same. 2,382,612; Aug. 14.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Subresinous esterification derivatives of hydroxylated acylated diamides and making same. 2,384,080; Sept. 4.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Esterification derivatives of polyacylated amides and making same. 2,384,081; Sept. 4.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Acylated aminoalcohol esters of carbonic acid. 2,384,608; Sept. 11.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,385,969; Oct. 2.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,385,970; Oct. 2.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Composition of matter. 2,386,445; Oct. 9.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Composition of matter. 2,386,446; Oct. 9.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Certain pyridinium compounds and making the ssame. 2,386,936; Oct. 16.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Urea pyridinium compounds. 2,386,937; Oct. 16.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,390,078; Dec. 4.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,390,079; Dec. 4.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,390,080; Dec. 4.

De Groote, Melvin, University City, Mo., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,390,081; Dec. 4.

De Guerin, Joseph D. S., Twickenham, assignor to Rotax Limited, Willesden Junction, London, England. Cartridge firing apparatus for power generation. 2,367,012; Jan. 9.

De Guire, Olfan, Silverton, Oreg. Screen-grid modulation control. 2,385,566; Sept. 25.

De Haven, Edward J., Green Bay, Wis., assignor to St. Joe-Mullen Container Corporation, St. Joseph, Mich. Paperboard container or the like. 2,366,602; Jan. 2.

De Havilland Aircraft Company Limited, The: *See*—
Gillmore, K. B., and Warde, assignors.
Halford, F. B., Brodie, and Miller, assignors.
Thomas, Frederick M., assignor.

Deimel, Richard C., Summit, N. J. Aircraft training apparatus. 2,366,603; Jan. 2.

Deimel, Albert H.: *See*—
Peterson, C. D., and Deimel.

Deisley, Edward J., T. Ulrich, and A. R. Lindsay, Detroit, Mich., assignors to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Vehicle structure, especially vehicle front end structure. 2,380,031; July 10.

Deitch, Clement, assignor of one-half to G. L. Parrish, Port Angeles, Wash. Mechanical cigarette holder. 2,370,016; Feb. 20.

Deiters, August M., assignor to Southern Wood Preserving Company, Atlanta, Ga. Loading and unloading crane. 2,382,299; Aug. 14.

Deitz, Louis S., Jr., Westfield, N. J., assignor to Nassau Smelting & Refining Company, Incorporated, New York, N. Y. Treating of nonferrous materials. 2,369,028; Feb. 6.

Deitz, Louis S., Jr., Westfield, N. J., and W. H. Jacobson, Tottenville, assignors to Nassau Smelting & Refining Company, Incorporated, New York, N. Y. Smelting of nonferrous materials. 2,369,029; Feb. 6.

Deitz, Louis S., Jr., Westfield, N. J., assignor to Nassau Smelting & Refining Company, Incorporated, New York, N. Y. Material extruding apparatus. 2,371,679; Mar. 20.

Deitz, Victor R., Washington, D. C., assignor to the Government of the United States, as represented by the Secretary of the Department of Commerce. Treating bone black. 2,369,139; Feb. 13.

De Jahn, Fredrik W., New York, N. Y. Gas mixture for methanol. 2,383,715; Aug. 28.

De Jahn, Fredrik W.: *See*—
Ramseyer, C. F., and de Jahn.

De Jong, Jack: *See*—
Muggy, M. K., and de Jong.

De Jong, Johan J., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Production of saturated hydrocarbons. 2,381,041; Aug. 7.

De Jonge, John C., Grand Rapids, Mich. Stabilization of pyrethrum preparations. 2,375,773; May 15.

De Jonge, John C., Grand Rapids, Mich. Stabilization of rotenone preparations. 2,375,774; May 15.

De Juhasz, Kalman J., State College, Pa. Maximum pressure gauge. 2,382,547; Aug. 14.

De Kiss, Nicholas, North Hollywood, Calif., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Accumulator bladder. 2,378,467; June 19.

Dekker, Arien, Fynaart, Netherlands; vested in the Alien Property Custodian. Crude oil burner. 2,367,460; Jan. 16.

De la Cierva, Juan, Madrid, Spain, assignor, by mesne assignments, to Autogiro Company of America. Rotor-equipped aircraft. 2,380,580; July 31.

De la Cierva, Juan, Madrid, Spain, assignor, by mesne assignments, to Autogiro Company of America. Aircraft having rotative wings. 2,380,582; July 31.

De la Cierva, Juan, Madrid, Spain, assignor, by mesne assignments, to Autogiro Company of America. Aircraft with autorotative wings. 2,380,583; July 31.

Delahan, Edward H., and A. G. Frojd, Rockford, assignors to Borg-Warner Corporation, Chicago, Ill. Finishing bearing cups. 2,368,007; Jan. 23.

Delalande, Paul J. M. R., assignor to United States Ordnance Company, Washington, D. C. Land mine 2,374,179; Apr. 24.

Delamere Company, Inc: *See*—
Huppert, William, assignor.

Delamere, Rudolf D., Toronto, Ontario, Canada. Displacement apparatus. 2,369,539; Feb. 13.

Delamere, Rudolf D., Toronto, Ontario, Canada. Conveyor for filling machines. 2,369,540; Feb. 13.

De Lancey, Ralph W., assignor to The Miller Company, Meriden, Conn. Pot type burner. 2,366,839; Jan. 9.

De Lancey, Ralph W., assignor to The Miller Company, Meriden, Conn. Liquid fuel burner. 2,373,814; Apr. 17.

De Lancey, Ralph W., assignor to The Miller Company, Meriden, Conn. Fuel burner control system. 2,375,900; May 15.

De Lancey, Ralph W., assignor to The Miller Company, Meriden, Conn. Vaporizing burner. 2,388,907; Nov. 13.

De Lancey, Ralph W., assignor to The Miller Company, Meriden, Conn. Vaporizing burner. 2,388,908; Nov. 13.

De Lancey, Ralph W., assignor to The Miller Company, Meriden, Conn. Liquid fuel burner. 2,390,059; Dec. 4.

De Lancey, Warren H., Springfield, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Mounting for explosionproof motors. 2,389,900; Nov. 27.

De Lancey, Warren H., assignor to Gilbert & Barker Manufacturing Company, Springfield, Mass. Counting mechanism. 2,390,239; Dec. 4.

De Lancey, Warren H., assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Power transmitting mechanism. 2,390,240; Dec. 4.

De Laney, Colton, Berkeley, assignor to California Spray-Chemical Corporation, Richmond, Calif. Herbicide. 2,391,299; Dec. 18.

Delaney, Cyril Terence, and Gallay, Limited: *See*—
Belaieff, James F., assignor.

Delaney, John J.: *See*—
Griffith, C. P., and Delaney.

De Lange, Cornelis, and C. L. Boucher, Eindhoven, Netherlands; vested in the Alien Property Custodian. Blocking layer cell. 2,388,532; Nov. 6.

Delano, Raymond P., Jr., Baltimore, Md., assignor to Franklin Railway Supply Company, Inc., New York, N. Y. Locomotive drifting control mechanism. 2,383,534; Aug. 28.

De Lanty, Loren J., Spring Valley, N. Y., and W. A. Williams, Grayville, Ill., assignors to Sperry Products, Inc., Hoboken, N. J. Flaw detector means. 2,368,119; Jan. 30.

Delany, John J.: *See*—
Langdon, J. D., and Delany.

Delany, John J., Brooklyn, assignor to Coyne & Delany Company, New York, N. Y. Swing spout mixing faucet. 2,389,599; Nov. 27.

De la Peña, Juan M., Mexico City, Mexico. Apparatus for making hand knitted garments. 2,382,614; Aug. 14.

De Lauder, Lawson R., Bartow, Fla. Match book cover. 2,369,884; Feb. 20.

De Lauder, Lawson R., Bartow, Fla. Condiment shaker. 2,373,551; Apr. 10.

De Laval Separator Company, The: *See*—
Danielsson, Gösta J. D., assignor.
Flowers, Alan E., assignor.
Hapgood, Cyrus H., assignor.
Lindgren, H. O., and Thylefors, assignors.

De Laval Steam Turbine Company: *See*—
Haverstick, John S., assignor.
Sennet, Morgan B., assignor.

Delbrook Ventilating Co.: *See*—
Foisy, Francis W., assignor.

Del Camp, Scipione M., Maywood, assignor to Cinch Manufacturing Corporation, Chicago, Ill. Radio and like tube socket and contact for the same. 2,369,541; Feb. 13.

Delean, Albert, Kirkland Lake, Ontario, Canada. Ash removal and sifting device. 2,386,938; Oct. 16.

De Leeuw, Frederick J. G.: *See*—
Schmelkes, F. C., and de Leeuw.

Delegard, Carl J., Chicago, and R. Krentz, Elmwood Park, Ill. Method and apparatus for decorticating. 2,383,778; Aug. 28.

Delfino, John V.: *See*—
Bogin, S. R., and Delfino.

Delfoe, Edward F., and J. M. Williams, Brooklyn, N. Y. Discharge cap for spray devices. 2,367,485; Jan. 16.

De Lisle, Harry: *See*—
Nash, James, assignor.

Dell, James A., assignor to Simplex Time Recorder Co., Gardner, Mass. Card guide and safety latch. 2,377,407; June 5.

Dell, James A., and H. E. Hobby, assignors to Simplex Time Recorder Co., Gardner, Mass. Card time recorder. 2,389,345; Nov. 20.

Dellbringge, Edward O., assignor of one-half to A. L. Morgan, Sr., St. Louis, Mo. Supporting device for trailers. 2,376,478; May 22.

Delloye, Andre L. C., Paris, France; vested in the Alien Property Custodian. Vitreous insulator. 2,371,880; Mar. 20.

Delman, Herman B.: *See*—
Gluckman, Abraham, assignor.
Sabo, Louis, assignor.

Del Mar, Bruce E., West Los Angeles, and E. E. Van Dyke, Van Nuys, assignors to Douglas Aircraft Company, Inc., Santa Monica, Calif. Sealing gland. 2,390,928; Dec. 11.

De Loe, Paul, assignor to Towne Robinson Nut Company, Detroit, Mich. Nut retainer die and ejector. 2,380,584; July 31.

Deloffre, Marcel C. H., Toorak, Victoria, Australia. Manufacture of yeast. 2,367,931; Jan. 23.

De Long, Theodore R.: *See*—
Stewart, R. R., and De Long.

De Lopez, Ralph, Los Angeles, Calif. Parachute. 2,369,286; Feb. 13.

Deloraine, Edmond M., New York, and L. A. de Rosa, West Brighton, Staten Island, N. Y., assignors to Federal Telephone and Radio Corporation, Newark, N. J. Intelligence transmission system. 2,369,662; Feb. 20.

De Lorimier, Alfred A., U. S. Army, Memphis, Tenn. Apparatus for locating foreign bodies. 2,390,520; Dec. 11.

Deloro Smelting & Refining Company Limited: *See*—
Riddihough, Maurice, assignor.

Delp, Leonard A., Ann Arbor, Mich. Bearing unit and lubricating material therefor. 2,379,478; July 3.

Del Riccio, Lorenzo, Los Angeles, Calif. Scanning lens. 2,373,815; Apr. 17.

Del Riccio, Lorenzo, Los Angeles, Calif. Photographic method. 2,382,616; Aug. 14.

Del Riccio, Lorenzo, Los Angeles, Calif. Photographically recording the order of passage of moving objects. 2,382,617; Aug. 14.

Delta Manufacturing Company, The: *See*—
Wiken, Christy A., assignor.
Wiken, C. A., and Boehnke, assignors.
Wiken, C. A., and Reibig, assignors.

Delta Star Electric Company, The: *See*—
Hampton, Weldon O., assignor.

De Lubicz-Bakanowski, Zygmunt, and R. Suk, Oxford, England. Training device comprising a dummy gun. 2,378,840; June 19.

De Lubicz-Bakanowski, Zygmunt, and F. J. Minns, assignors to The Swift Rifle Company Limited, Oxford, England. Device for use in zeroing dummy rifles and other dummy firearms used for training marksmen. 2,380,296; July 10.

De Luxe Products Corporation, The: *See*—
Flint, Charles R., assignor.
Hurn, James E., assignor.

Delvaux, Arthur L., Sr., Los Angeles, Calif. Lathe chuck centering device. 2,370,017; Feb. 20.

Del Vecchio, Constantine, Brooklyn, N. Y. Electric heater for steam furnaces. 2,366,318; Jan. 2.

Delzer, William F., Milwaukee, Wis. Beer dispenser. 2,369,721; Feb. 20.

De Maertelaere, Pierre: *See*—
Hardy, R., and de Maertelaere.

De Martino, Lawrence J.: *See*—
Rubenstein, J. H., and De Martino

De Mato, Samuel P., assignor to James Cunningham, Son & Company, Rochester, N. Y. Attachment for screw machines. 2,384,895; Sept. 18.

Demb, Kenneth, assignor to Sylvania Electric Products Inc., Salem, Mass. Viscometer. 2,382,979; Aug. 21.

Dembenski, Joseph F., New York, N. Y. Sanitary dental floss holder. 2,381,530; Aug. 7.

Demeulenaere, Marcel, Flushing, N. Y. Cash register. 2,384,082; Sept. 4.

De Millar, Floyd O., Warwick, R. I. Knife sharpener. 2,378,754; June 19.

De Milleville, Marie J. M., Paris, France; vested in the Alien Property Custodian. Method and apparatus for filling containers. 2,382,696; Aug. 14.

Deming Company, The: *See*—
Samelson, Bernard, assignor.

Deming, George M., Orange, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Pressure regulator. 2,378,468; June 19.

Deming, George M., East Orange, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Breathing apparatus. 2,387,123; Oct. 16.

Demmien, William C., Williamsport, Pa. Combined table and benches. 2,367,011; Jan. 9.

Demolis, André, assignor to Aktiengesellschaft vormals B. Siegfried, Zofingen, Switzerland. Preparation of the sodium salt of 4,4'-diaminodiphenylsulphone-N-N'-di-glucosulphonic acid. 2,386,037; Oct. 2.

Demonet, Eugene A., Short Hills, N. J., and W. B. Blanton. Merrick, assignors to The Western Union Telegraph Company, New York, N. Y. Telegraph exchange system. 2,387,246; Oct. 23.

De Mooy, John, Shaker Heights, assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Temporary rivet. 2,379,134; June 26.

De Mooy, John, Shaker Heights, assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Plate fastening device. 2,388,603; Nov. 6.

Dempsey, James M., Atmore, Ala., assignor to Newport Industries, Inc., Pensacola, Fla. Green decorticating machine. 2,375,287; May 8.

Dempsey, Lewis P., Detroit, Mich. Electrode holder. 2,367,760; Jan. 23.

Dempsey, Oscar E., Tulsa, Okla. Lifting apparatus. 2,390,241; Dec. 4.

Dempster, Burgess, Bala-Cynwyd, Pa., assignor, by mesne assignments, to The Magnavox Company, Fort Wayne, Ind. Heat control apparatus. 2,370,847; Mar. 6.

Dempster, George R., Knoxville, Tenn. Transporting and dumping equipment. 2,369,722; Feb. 20.

Dempster, George R., Knoxville, Tenn. Transporting and dumping equipment. 2,387,500; Oct. 23.

Demuth, Charles, Jamaica, N. Y. Variable volume air distributor. 2,367,104; Jan. 9.

Demuth, Charles, Mineola, N. Y. Muffler. 2,372,231; Apr. 10.

Demuth, Wilbur O., Gnadenhutten, assignor to The Bowerston Shale Corporation, Bowerston, Ohio. Container holder. 2,387,982; Oct. 30.

Demyanovich, George, Coaldale, Pa. Comb. 2,380,730; July 31.

Denault, Clinton L., Sharon, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit interrupter. 2,389,346; Nov. 20.

Den Breejen, Adrian, J. J. Amari, and R. Luce, Chicago, D. H. Petty, Skokie, R. Webster, Evanston, and T. K. Webster, Jr., Winnetka, Ill., assignors to The Hydro-Riast Corporation, Chicago, Ill. Method and apparatus for sand reclamation. 2,383,045; Aug. 21.

Dench, Edward C., South Orange, N. J., assignor to Interchemical Corporation, New York, N. Y. Glossmeter. 2,388,727; Nov. 13.

Dendler, Ralph E., Berwick, and R. C. Kepner, Bloomsburgh, Pa., assignors to American Car & Foundry Company, New York, N. Y. Composite mine car. 2,367,761; Jan. 23.

Denham, Robert H., Scotia, N. Y., assignor to General Electric Company. Die for coating fiber-insulated wire. 2,380,728; July 31.

Denham, William W., Mobile, Ala. Concrete block and tile mold. 2,367,486; Jan. 16.

De Niederhäusern, Georges, assignor to the firm of Durand & Huguenin S. A., Basel, Switzerland. Matting lustrous fibrous materials and agents therefor. 2,376,908; May 29.

Denis, Henry, Brooklyn, N. Y. Traffic lighting system. 2,379,283; June 26.

Denisoff, Alexander C., Saint Margarets, East Twickenham, England, assignor to The Liquidometer Corporation, Long Island City, N. Y. Remote indicating or control system. 2,367,845; Jan. 23.

Denison, John S., Mellen, Wis. Drill. 2,391,396; Dec. 25.

Denison, Mortimer C., and M. E. Wassom, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufactuer of orthio-nitro-anisole. 2,370,524; Feb. 27.

Denison, Noel M., assignor to C. Earl Hovey, Kansas City, Mo., trustee. Cap detector for automatic bottle vending machines. 2,388,125; Oct. 30.

Denison, Walter A.: *See*—
Wilkes, B. G., and Denison.

Denlinger, Victor J., Paradise, Pa. Potato harvester. 2,369,723; Feb. 20.

Denman, Harry B., assignor to Detroit Gasket & Manufacturing Company, Detroit, Mich. Gasket material. 2,368,118; Jan. 30.

Denman Tire and Rubber Company: *See*—
Brown, John J., assignor.

Denneen, Francis S., Cleveland, and W. C. Dunn, Shaker Heights, assignors to The Ohio Crankshaft Company, Cleveland, Ohio. Progressive heat treating apparatus. 2,368,809; Feb. 6.

Denneen, Francis S., Cleveland, and W. C. Dunn, Shaker Heights, assignors to The Ohio Crankshaft Company, Cleveland, Ohio. Apparatus for variable heating. 2,382,779; Aug. 14.

Denner, Francis H., Dover, N. J. Apparatus for drying. 2,383,474; Aug. 28.

Dennett, Firth L.: *See*—
Bass, S. L., Upright, and Dennett.

Dennett, Roger, San Francisco, Calif. Necktie shaper and former. 2,375,405; May 8.

Dennis, Frank F.: *See*—
Pilcher, J. M., and Dennis.

Dennis, Fred R., Lyndhurst, and E. P. Felch, Jr., Chatham, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Synchronizing system. 2,369,663; Feb. 20.

Dennis, James B., West Lanham Hills, Md. Crimping tool. 2,382,401; Aug. 14.

Dennis, Martin, Company, The: *See*—
Bersworth, Frederick C., assignor.

Dennis, Paul A.: *See*—
Heinemann, E. H., and Dennis.

Dennis, W. J., & Company: *See*
Oswald, Joseph H., assignor.

Dennis, Wolcott, Darien, Conn., assignor to Air Reduction Company, Incorporated, New York, N. Y. Apparatus for rectification. 2,366,958; Jan. 9.

Dennis, Wolcott, Darien, Conn., assignor, by mesne assignments, to U. S. Industrial Chemicals, Inc. Treating fermentation residues. 2,375,288; May 8.

Dennis, Wolcott, Darien, Conn., assignor to Air Reduction Company, Incorporated, New York, N. Y. Separation of the constituents of gaseous mixtures by liquefaction and rectification. 2,386,297; Oct. 9.

Dennison, Edward S., New London, assignor to Electric Boat Company, Groton, Conn. Torpedo launching gear. 2,387,124; Oct. 16.

Dennison Manufacturing Company: *See*—
Kallander, Ernest L., assignor.

Denny, Victor L., Jr., Augusta County, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Aqueous tint finish. 2,375,839; May 15.

Denoon, Clarence E., Jr., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Vulcanizable isobutylene - monovinylacetylene synthetic rubber. 2,384,731; Sept. 11.

Densten, Ulysses G., Quakertown, Pa. Preserving jar opener and closer. 2,387,651; Oct. 23.

Dent, Herbert, Chicago, Ill. Tape for use in manufacture of lamp shades. 2,372,814; Apr. 3.

Dentay, E. G., et al.: *See*—
Eddy, Arnold, assignor.

Dentists' Supply Company of New York, The: *See*—
Gibson, Albert E., Jr., assignor.
Saffir, Jacob A., assignor.

Dentists' Supply Company, The: *See*—
Saffir, Jacob A., assignor.
Whittemore, Winthrop C., assignor.

Denton, Harry L., assignor to Wenzel Projector Company, Chicago, Ill. Gear. 2,372,625; Mar. 27.

Denton, Harry L., assignor to Wenzel Projector Company, Chicago, Ill. Sprocket gear scraping device. 2,372,815; Apr. 3.

Denton, John J.: *See*—
Lecher, H. Z., Parker, and Denton.

Denton, Lewis E., Houston, Tex. Oil well apparatus. 2,378,469; June 19.

D'Entremont, Franklin R., Lynn, Mass., assignor to General Electric Company. Electric induction apparatus. 2,391,229; Dec. 18.
Deobald, Harold J.: *See*—
Singer, P. A., and Deobald.
De Paolo, Joseph J.: *See*—
Cordiano, H. V., De Paolo, and Lacks.
De Patto, Antonio L., assignor of one-half to L. C. L. De Patto, Watertown, Mass. Automobile windshield attachment. 2,371,430; Mar. 13.
De Patto, Lena Cerniglia L.: *See*—
De Patto, Antonio L., assignor.
Depew, Harlan A., Haddonfield, N. J., assignor to American Zinc, Lead & Smelting Company, St. Louis, Mo. Purification of zinc oxide. 2,372,367; Mar. 27.
De Phillips, Henry A., Belleville, N. J. Electron discharge vessel. 2,373,661; Apr. 17.
De Poix, Henri M. J. T., Ruell, France, assignor to Dewey and Almy Chemical Company, Cambridge, Mass. Preserving perishable foodstuffs. 2,376,583; May 22.
Depp, Marlin C.: *See*—
Fragola, C. F., Depp, and Curry.
Depp, Marlin C., Hempstead, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Flux valve. 2,384,819; Sept. 18.
Depp, Wallace A., Elmhurst, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge apparatus. 2,373,175; Apr. 10.
Dequick, Henry J., assignor to The Illinois Lock Company, Chicago, Ill. Padlock. 2,374,669; May 1.
Derby, Elmer R.: *See*—
De Bell, J. M., and Derby.
Derby, Elmer R., Springfield, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Plasticized polyvinyl acetal composition. 2,371,131; Mar. 13.
Derby, Elmer R., Springfield, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Plasticized polyvinyl acetal composition. 2,371,957; Mar. 20.
Derby, Elmer R., Springfield, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Polyvinyl acetal plastic composition. 2,377,214; May 29.
Derby, Elmer R., Springfield, Mass., assignor, by mesne assignments, to Monsanto Chemical Company, St. Louis, Mo. Polyvinyl acetal plastic compositions. 2,378,288; June 12.
Derby, George T., Jacksonville, Fla. Container sealing means. 2,372,885; Apr. 3.
Derby, Harold K., Berkeley, assignor to F. E. Booth Company, Inc., San Francisco, Calif. Making dehydrated citrus fruits. 2,379,068; June 26.
Derby, John H., Scarsdale, N. Y. Release box. 2,387,125; Oct. 16.
Derby Sealers, Incorporated: *See*—
Krueger, Alfred P., assignor.
Derby, Wallene R., Oakwood, Ohio, assignor to Monsanto Chemical Company. Production of formaldehyde. 2,376,668; May 22.
De Remer, Jay G., Darien, Conn., assignor to J. G. De Remer Research Corporation, Union City, N. J. Washing machine. 2,372,769; Apr. 3.
De Remer, Jay G., Darien, Conn., assignor to J. G. De Remer Research Corporation, Union City, N. J. Washing machine. 2,372,770; Apr. 3.
De Remer, J. G., Research Corporation: *See*—
De Remer, Jay G., assignor.
Derham, Philip A., Rosemont, assignor to Armstrong Cork Company, Lancaster, Pa. Safety razor case. 2,378,622; June 19.
Derho, John J., Mishawaka, Ind. Combination hanger support. 2,369,217; Feb. 13.
Derman, Harry, Great Neck, N. Y. Collapsible closet. 2,371,680; Mar. 20.
Derman, Harry, Great Neck, N. Y. Cabinet. 2,386,664; Oct. 9.
Derman, Harry, Laurelton, Long Island, N. Y. Door frame construction for cabinets. 2,384,896; Sept. 18.
Dering, Henry O.: *See*—
Davies, R. J., Dering, and Parker.
De Roche, Daryl R., Baltimore, and D. D. Jones, Towson, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Continuous vulcanization process and apparatus. 2,373,816; Apr. 17.
De Rohden, Charles, Neuilly-sur-Seine, France; vested in the Alien Property Custodian. Magnesium-base rare earth alloys. 2,384,370; Sept. 4.
De Roode, Trimble, New York, N. Y. Passenger accommodations in vehicles. 2,382,402; Aug. 14.
De Rosa, Louis A.: *See*—
Deloraine, E. M., and de Rosa.
Derr, Ralph B.: *See*—
Newsome, J. W., and Derr.
Derr, Willard A., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control system. 2,372,061; Mar. 20.
Derr, Willard A., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Automatic reclosing circuit breaker system. 2,374,001; Apr. 17.
Derr, Willard A., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Synchronizing control system. 2,381,264; Aug. 7.
Derr, Willard A., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit breaker control systems. 2,390,782; Dec. 11.
Derrick, Donald G.: *See*—
Meir, J. K., and Derrick.
Derry, Frank M., Missoula, Mont.; dedicated to the free use of the people in the territory of the United States. Parachute. 2,384,416; Sept. 4.
Dersch, Fritz, and N. Heimbach, Binghamton, assignors to General Aniline & Film Corporation, New York, N. Y. Production of photographs in blue tones. 2,384,897; Sept. 18.
Derungs, Ernest A., Le Locle, Switzerland. Selecting control device. 2,388,043; Oct. 30.
De Ruschi, Agustin L. V.: *See*—
De Ruschi, Juan B. A. E. and A. L. V.
De Ruschi, Juan B. A. E. and A. L. V., Banfield, Argentina. Automatic safety device applying to doors and windows. 2,375,901; May 15.
De Samsonow, Vassily, Ponca City, Okla. Indicating aircraft flight condition. 2,380,635; July 31.
De Sart, Albert W., Sr., assignor to United Acoustigraph Corporation, Los Angeles, Calif. Sound recording and reproducing apparatus. 2,367,846; Jan. 23.
Descarsin, Maurice, Paris, France; vested in the Alien Property Custodian. Electrical heating of articles made of glass or other vitreous material. 2,385,567; Sept. 25.
Deschamps, Desire J., Rutherford, N. J., assignor to Deschamps Fuel Injection Corporation, New York, N. Y. Mixture control apparatus. 2,388,681; Nov. 13.
Deschamps, Desire J., Rutherford, B. H. Dow, Nutley, and D. C. Clarke, Mountain Lakes, N. J., assignors to Bendix Aviation Corporation, South Bend, Ind. Engine accessory. 2,372,816; Apr. 3.
Deschamps Fuel Injection Corporation: *See*—
Deschamps, Desire J., assignor.
De Schoulepnikow, Jean: *See*—
Durrenmatt, H. K., and de Schoulepnikow.
Desetti, Gild E., Woodbury, N. J., W. A. Dew, B. H. Mackey, and R. G. Woodbridge, Jr., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Apparatus for the recovery of solvents. 2,367,487; Jan. 16.
De Seversky, Alexander P., New York, N. Y. Life boat for airplanes. 2,389,600; Nov. 27.
Deshaw, Zoltan, Ilford, England. Loosening a corrosion frozen metal-to-metal joint. 2,371,033; Mar. 6.
Designers For Industry, Inc.: *See*—
Lanese, Donald C., assignor.
Lee, Asa R., assignor.
Designs, Incorporated: *See*—
Brown, Percy M., assignor.
De Simó, Martin, Piedmont, and J. J. O'Connor, Oakland, assignors to Shell Development Company, San Francisco, Calif. Sulfur compounds. 2,374,983; May 1.
De Simo, Martin, Piedmont, and Robert M. Roberts, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Production of dienes. 2,391,555; Dec. 25.
Desjardins, Oscar: *See*—
McIlwrick, J., and Desjardins.
Desmet, John P., Modesto, Calif. Rivet applying tool. 2,386,939; Oct. 16.
Desmond, Virginia D., Wrentham, Mass., assignor to Pilgrim Plastics, Inc. Rattle. 2,380,368; July 10.
Desoutter, Charles, London, N. Y. 3, England. Portable riveting press. 2,374,737; May 1.
Despres, Lilly D., New York, N. Y., assignor, by mesne assignments, to Weco Products Company, Chicago, Ill. Snood. 2,368,972; Feb. 6.
Després, Lilly D., New York, N. Y., assignor, by mesne assignments, to Weco Products Company, Chicago, Ill. Hair net. 2,388,957; Nov. 13.
Dessaur, Murray, assignor to himself and R. D. Gale, Bronx, N. Y. Detachable toilet paper holder. 2,374,586; Apr. 24.
Dessureau, Ernest F., Meriden, Conn. Garment hanger 2,376,584; May 22.
De Stefano, John, Jackson Heights, N. Y. Sea water distilling device. 2,383,294; Aug. 21.
De Stramp, Louise: *See*—
Hinton, O. A., and De Stramp.
De Swart, Jan, Los Angeles, assignor of one-half to C. B. Jamison, Beverly Hills, Calif. Lipstick holder. 2,371,808; Mar. 20.
De Sylva, Oscar J., assignor to Shellmar Products Company, Mount Vernon, Ohio. Liquid sealing method. 2,368,645; Feb. 6.
Detjen, Edgar W., Milwaukee, Wis. Water motor for lawn sprinklers, etc. 2,390,355; Dec. 4.
De Toro, Nicholas, Bridgeport, Conn., assignor to General Electric Company. Glow switch for starting discharge devices. 2,376,669; May 22.
De Tosti, Dominick, Patchogue, N. Y. Extension-leaf table. 2,366,499; Jan. 2.
De Tour, Frank W., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine for operating on shoes. 2,371,741; Mar. 20.
Detrick, M. H., Company: *See*—
Hosbein, L. H., and Ellman, assignors.
Detrick, Edward R., assignor to National Automotive Fibres, Inc., Detroit, Mich. Trim panel. 2,377,997; June 12.
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Detrick, Edward R., assignor to National Automotive Fibres, Inc., Detroit, Mich. Trim panel. 2,377,999; June 12.
Detrick, Edward R., assignor to National Automotive Fibres, Inc., Detroit, Mich. Trim panel. 2,378,000; June 12.
Detroit Aluminum & Brass Corp.: *See*—
Strickland, R. L., and Segall, assignors.
Detroit Gasket & Manufacturing Company: *See*—
Denman, Harry B., assignor.
Detroit Harvester Company: *See*—
Kost, Harold W., assignor.
Detroit Lubricator Company: *See*—
Dillman, Earnest J., assignor.
Doucet, Edward J., assignor.
Landon, Walter S., assignor.
Russel, Phillip S., assignor.
Russell, Phillip S., assignor.
Von Wangenheim, Adolf, assignor.
von Wangenheim, Adolf, assignor.
Detroit Macoid Corporation: *See*—
Hendrie, George S., assignor.
Sherman, Orville B., assignor.
Detroit Research Laboratories Inc.: *See*—
Hudson, William H., assignor.
Detroit Rex Products Company: *See*—
Dinley, C. F., and McCracken, assignors.
Detroit Steel Products Company: *See*—
Randall, William C., assignor.
Detroit Stoker Company: *See*—
Beers, Royce L., assignor.
Detroit Tap & Tool Company: *See*—
Hellatrom, Sven B., assignor.
Spedding, Howard, assignor.
Walters, Fritz, assignor.
Dettle, Lawrence E.: *See*—
Rockola, D. C., Dettle, and Triman.
Dettle, Lawrence E., assignor to Rock-Ola Manufacturing Corporation, Chicago, Ill. Apparatus for coating record blanks. 2,388,126; Oct. 30.
Dettling, Joseph J., assignor to The General Tire & Rubber Company, Akron, Ohio. Apparatus for repairing pneumatic tire casings. 2,391,300; Dec. 18.
Dettman, Harold V., Riverside, Ill. Eccentric die sheet metal flanging machine. 2,384,284; Sept. 4.
Dettmer, Alfred B., Cleveland, Ohio, assignor to The Weldon Tool Company. End mill. 2,377,329; June 5.
Dettwyler, William, Pitman, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyestuffs of the anthraquinone series. 2,373,817; Apr. 17.
Dettwyler, William, Pitman, and F. B. Stilmar, Woodstown, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing anthraquinone vat dyes. 2,369,951; Feb. 20.
Detwiler, Joseph S., assignor to Taylor Instrument Companies, Rochester, N. Y. Fire control system. 2,373,877; Apr. 17.
Deubel, Justin A., assignor to Perfex Corporation, Milwaukee, Wis. Control system. 2,373,103; Apr. 10.
De Urzaiz, Luis: *See*—
Iseman, John W., assignor.
Deutsch, Eugene, assignor of thirty per cent to J. Deutsch and thirty per cent to H. Deutsch, Chicago, Ill. Spring unit for use in furniture, autos, etc. 2,375,289; May 8.
Deutsch, Hans, Chicago, Ill. Utility bag. 2,384,285; Sept. 4.
Deutsch, Harry: *See*—
Wolman, L., and Deutsch.
Deutsch, Harry, et al.: *See*—
Deutsch, Eugene, assignor.
Deutsch, Jakob, Basel, Switzerland, assignor, by mesne assignment, to The National Cash Register Company, Dayton, Ohio. Cash register with attached automatic stamp issuing apparatus. 2,368,526; Jan. 30.
Deutsch, Julius, et al.: *See*—
Deutsch, Eugene, assignor.
Deutsch, Walther, Frankfort-on-the-Main, Germany; vested in the Alien Property Custodian. Electrical dehydration of petroleum emulsions. 2,382,697; Aug. 14.
De Vaney, Fred D., assignor to Erie Mining Company, Hibbing, Minn. Beneficiation of magnetite concentrates by flotation. 2,388,471; Nov. 6.
De Vellier, William A., New York, N. Y., assignor to New Process Screw Corporation, Waterville, Conn. Header die for use in making screw blanks for double threaded screws. 2,373,878; Apr. 17.
De Vellier, William A., New York, N. Y., assignor to New Process Screw Corporation, Waterville, Conn. Making diamond headed screw blanks for double threaded screws and header dies for use therewith. 2,373,948; Apr. 17.
Development Engineering Company: *See*—
Bagley, William H., Jr., assignor.
Dever, Franklin J., Columbus, Ohio. Beverage maker. 2,391,397; Dec. 25.
Deverall, Charles N.: *See*—
Schoepflin, P. H., Deverall, and Stutz.
De Verter, Walton, Chicago, Ill. Electromagnetic sound reproducer. 2,383,594; Aug. 28.
De Verter, Walton, Oak Park, assignor of one-third to S. L. Brenner, Chicago, Ill. Tube testing device. 2,380,095; July 10.
De Vigier, William A., Northwood, assignor of one-half to Acrow (Engineers) Limited, Northwood, Middlesex, England. Extrusion apparatus for molding blocks, tubes, and the like. 2,386,665; Oct. 9.
De Vilbiss Company, The: *See*—
Bailey, F. A., and Miller, assignors.
Miller, Godfrey A., assignor.
Peeps, Donald J., assignor.
Petersen, J. S., Miller, Wendshuh, and Moser, assignors.
Roselund, Harold A., assignor.
Sykes, R. E., and Moser, assignors.
De Villiers, Truman E., Okmulgee, Okla., assignor to Morris Paper Mills, Chicago, Ill. Bottle carrier 2,375,631; May 8.
De Villiers, Rudolph E. V. R.: *See*—
Brahn, Benno B. A., assignor.
De Villiers, Truman E., Okmulgee, Okla., assignor to Cities Service Oil Company, New York, N. Y. Detergent composition. 2,383,114; Aug. 21.
Devine, George F., Easton, Conn., assignor to General Electric Company. Background noise suppressor. 2,369,952; Feb. 20.
Devine, J. E., et al.: *See*—
Ellis, Clarence M., assignor.
De Vine, John D., Chicago, Ill. Composition and compounds utilizing the same. 2,375,978; May 15.
Devitt, Matthew W. M.: *See*—
Sargent, R. E., and Devitt.
De Vlieg, Charles B., Detroit, Mich. Method of and apparatus for making impeller wheels. 2,390,994; Dec. 18.
De Vlieg, Charles B., Detroit, Mich. Horizontal boring machine. 2,391,398; Dec. 25.
De Vlieg, Gerard A., Rockford, Ill. Machine for boring. 2,383,958; Sept. 4.
De Vlieg, Gerard A., Rockford, Ill. Machine for sharpening cutters. 2,390,521; Dec. 11.
De Voe, William E.: *See*—
Bazley, R. L., and De Voe.
Devol, Manson L., Wilkinsburg, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Forming glass sheets. 2,387,866; Oct. 30.
Devonshire Research Corporation: *See*—
Choate, C. E., and Townsend, assignors.
De Vore, Henry B., Newark, N. J., assignor to Radio Corporation of America. Manufacturing mosaic electrodes. 2,380,505; July 31.
De Vries, Ralph P.: *See*—
Touceda, E. G., and De Vries.
De Vries, Reinier P., Melrose, Mass. Fuel carburation system. 2,384,609; Sept. 11.
De Vry Corporation: *See*—
Ress, Thomas L., assignor.
Dew, Stanley J., Toronto, Ontario, Canada. Flexible support for artificial legs. 2,381,265; Aug. 7.
Dew, Walter A.: *See*—
Desetti, G. E., Dew, Mackey, and Woodbridge.
De Walt Products Corporation: *See*—
Gardner, W. W., assignor.
Dewan, Leon, Arverne, assignor to P. W. Andrews, New York, N. Y. Pressure gauge. 2,378,201; June 12.
De Weerth, Harmannus K., Buenos Aires, Argentina. Machine for cooking, dehydrating, and/or cooling foodstuffs. 2,374,425; Apr. 24.
De Weerth, Harmannus K., Buenos Aires, Argentina. Machine for cooking, dehydrating and/or cooling foodstuffs. 2,374,587; Apr. 24.
Dewey and Almy Chemical Company: *See*—
de Poix, Henri M. J. T., assignor.
Habib, E. E., and Gott, assignors.
McMordie, S., and Peterson, assignors.
Dewey & Almy Chemical Company et al.: *See*—
Fox, Vernie A., assignor.
Walton, Richard R., assignor.
Dewey, Clarence L., Elkhart, Ind. Gas burner. 2,368,646; Feb. 6.
Dewey, Clarence L., Elkhart, Ind. Metal tube shaping machine. 2,368,973; Feb. 6.
Dewey, Clarence L., Elkhart, Ind. Table structure. 2,369,140; Feb. 13.
Dewey, Clarence L., Elkhart, Ind. Forming rear axle housings. 2,370,641; Mar. 6.
Dewey, Clarence L., Elkhart, Ind. Frame for furniture or the like. 2,374,180; Apr. 24.
Dewey, Clarence L., Elkhart, Ind. Metallic bedstead. 2,376,347; May 22.
Dewey, Clarence L., Elkhart, Ind. Propeller shaft. 2,380,952; Aug. 7.
Dewey, Clarence L., Elkhart, Ind. Tube straightening machine. 2,384,457; Sept. 11.
Dewey, Frederick L., Canton, Ill., assignor to International Harvester Company. Plow. 2,383,373; Aug. 21.
Dewey, Ritchie P., assignor to Barber-Colman Company, Rockford, Ill. Portable hardness testing instrument. 2,372,662; Apr. 3.
Dewhirst, Paul A.: *See*—
Hamer, Leland S., assignor.
Dewhurst, Maurice R.: *See*—
Elliott, R. C., Dewhurst, and Booth.
De Witt, Bernard, Akron, Ohio, assignor to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Purification of titanium tetrachloride. 2,370,525; Feb. 27.

De Witt, Clinton M.: *See*—
Knowles, E. F., and De Witt.
De Witt, William J., assignor to Shoe Form Co., Inc., Auburn, N. Y. Receptacle and making it. 2,389,601; Nov. 27.
De Witt, William J., Auburn, N. Y., E. L. Ott, Shelton, and W. B. Runk, Waterbury, Conn., assignors to Shoe Form Co. Inc., Auburn, N. Y. Fishhook making machine. 2,379,886; July 10.
De Woody, Charles M., assignor to Ace Glass Incorporated, Vineland, N. J. Clamp for spherical joints. 2,388,633; Nov. 6.
De Woody, Charles M., assignor to Ace Glass Incorporated, Vineland, N. J. Container for aseptic filling and dispensing of sterile liquids. 2,388,634; Nov. 6.
Dexter Company, The: *See*—
Blough, Ronald S., assignor.
Dexter Folder Company: *See*—
Baker, Leonard, assignor.
Baker, L., and Williams, assignors.
Dextone Company, The: *See*—
Falco, Louis A., assignor.
De Young, Martin: *See*—
Bunker, V. W., De Young, and Kropf.
De Young, Martin, assignor to Gallmeyer & Livingston Company, Grand Rapids, Mich. Grinding machine control. 2,378,066; June 12.
Deyrup, Alden, Westfield, K. H. Ballard, Perth Amboy, and J. J. Strickarz, Sewaren, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of electrical capacitors. 2,389,419; Nov. 20.
Deyrup, Alden J., Elizabeth, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Vehicles for application of ceramic colors. 2,379,507; July 3.
Deyrup, Alden J., Westfield, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of capacitors. 2,389,420; Nov. 20.
Deyrup, Alden J., Westfield, and K. H. Ballard, Perth Amboy, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of electrical capacitors. 2,390,025; Nov. 27.
D'Heedene, Albert R., Lynbrook, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coaxial impedance element. 2,379,952; July 10.
Diagraph-Bradley Stencil Machine Corporation: *See*—
Herb, Otto J., assignor.
Lepp, William H., assignor.
Dial, William R., and C. Gould, Akron, Ohio, assignors to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Casting resins. 2,379,218; June 26.
Diamond Alkali Company: *See*—
Robinson, Edward A., assignor.
Diamond Chain and Manufacturing Company: *See*—
Mize, George G., assignor.
Diamond, Hyman: *See*—
Larsen, R. G., and Diamond.
Diamond Power Specialty Corporation: *See*—
Rasmussen, Robert, assignor.
D'Ianni, James D.: *See*—
Clifford, A. M., and D'Ianni.
D'Ianni, James D., assignor to Wingfoot Corporation, Akron, Ohio. Esters and preparing the same. 2,382,548; Aug. 14.
Diaz, Manuel D., assignor of sixty one-hundredths to A. C. Oquendo, Habana, Cuba. Nonrefillable closure for bottles and like containers. 2,380,825; July 31.
Diaz y Diaz, Manuel, assignor of sixty one-hundredths to A. C. Oquendo, Habana, Cuba. Closure device for rendering bottles nonrefillable. 2,382,864; Aug. 14.
Dibben, William H. J.: *See*—
Christian, D. A., and Dibben.
Dibert, James O., Altoona, Pa. Eyeglass holder. 2,380,297; July 10.
Dibner, Bern, Crompond, N. Y. Connecting a sleeve to a wire. 2,375,741; May 8.
Dicalite Company, The: *See*—
Harrison, M. A., assignor.
DiCarlo, Joseph J., Spokane, Wash. Bomb ejector. 2,375,351; May 8.
Dichter, Jakob. Berlin-Schoneberg, Germany; vested in the Alien Property Custodian. Apparatus for shaping elliptical glass tubes. 2,371,881; Mar. 20.
Dick, A. B., Company: *See*—
Davis, Alex B., assignor.
Dick, Burns, Ferguson, assignor to Wagner Electric Corporation, St. Louis, Mo. Piston construction. 2,370,942; Mar. 6.
Dick, Burns, Ferguson, assignor to Wagner Electric Corporation, St. Louis, Mo. Piston sealing means. 2,383,959; Sept. 4.
Dick, George F. and G. H., Evanston, Ill., and J. E. Wood, Prospect Park, Pa.; said J. E. Wood assignor to said G. F. Dick and said G. H. Dick. Preparations of scarlet fever toxin for administration by mouth. 2,369,218; Feb. 13.
Dick, Gladye H.: *See*—
Dick, George F. and G. H., and Wood.
Dick, Herbert L., Barrington, assignor to Tested Appliance Company, Chicago, Ill. Apparatus for the purification of water. 2,389,185; Nov. 20.
Dick, Joseph A., Greenock, Pa. Cutting fluid pump unit for drilling machines. 2,381,650; Aug. 7.
Dick, Ralph W., Fort Wayne, Ind. Folding chair. 2,382,300; Aug. 14.
Dicke, Oscar H. and R. H., Rochester, N. Y. Electric clock system. 2,377,617; June 5.
Dicke, Oscar H., Rochester, N. Y., and R. H. Dicke, Cambridge, Mass. Electric clock. 2,377,618; June 5.
Dicke, Robert H.: *See*—
Dicke, Oscar H. and R. H.
Dickens, L. A., Co., Inc.: *See*—
Dickens, Lonnie A., assignor.
Dickens, Lonnie A., Archdale, assignor to L. A. Dickens Co., Inc., High Point, N. C. Valve mechanism. 2,381,651; Aug. 7.
Dickenson, Ernest H., assignor to Ingersoll-Rand Company, New York, N. Y. Manufacture of detachable drill bits. 2,387,983; Oct. 30.
Dickenson, R. E., et al.: *See*—
Mikelson, Nordal, assignor.
Dickenson, W. J., et al.: *See*—
Mikelson, Nordal, assignor.
Dickerman, Harry K., assignor to F. N. Burt Company, Inc., Buffalo, N. Y. Ammunition carton. 2,391,230; Dec. 18.
Dickerman, Hurbert E., Springfield, Mass. Measuring apparatus. 2,371,742; Mar. 20.
Dickerson, Walter T., Company, The: *See*—
Gordon, Hiram, assignor.
Dickerson, Winifred S., Bluefield, W. Va. Hair curler. 2,380,154; July 10.
Dickey, Joseph B.: *See*—
McNally, J. G., and Dickey.
Strain, W. H., and Dickey.
Dickey, Joseph B., and A. Loria, assignors to Eastman Kodak Company, Rochester, N. Y. Surface-active agents. 2,369,443; Feb. 13.
Dickey, Joseph B., and J. G. McNally, assignors to Eastman Kodak Company, Rochester, N. Y. Anthraquinone compounds and material colored therewith. 2,372,663; Apr. 3.
Dickey, Joseph B., and J. G. McNally, assignors to Eastman Kodak Company, Rochester, N. Y. Morpholine compounds. 2,374,181; Apr. 24.
Dickey, Joseph B., and J. G. McNally, assignors to Eastman Kodak Company, Rochester, N. Y. Arylene diamine compounds. 2,374,337; Apr. 24.
Dickey, Joseph B., and J. G. McNally, assignors to Eastman Kodak Company, Rochester, N. Y. Arylamino compounds. 2,374,807; May 1.
Dickey, Joseph B., and J. G. McNally, assignors to Eastman Kodak Company, Rochester, N. Y. Substituted naphthenyl hydroxy methane phosphonic acids. 2,376,130; May 15.
Dickey, Joseph B., E. B. Towne, and W. H. Strain, assignors to Eastman Kodak Company, Rochester, N. Y. Making aromatic amines. 2,382,613; Aug. 14.
Dickey, Joseph B., and J. G. McNally, assignors to Eastman Kodak Company, Rochester, N. Y. Azo compounds and material colored therewith. 2,386,599; Oct. 9.
Dickey, Joseph B., Rochester, N. Y., and J. B. Normington, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. N-Aryltetrahydroquinolines. 2,387,751; Oct. 30.
Dickey, Joseph B., Rochester, N. Y., and J. G. McNally, Knoxville, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Yarn treating process and resulting product. 2,388,833; Nov. 13.
Dickey, Joseph B., and J. R. Byers, Jr., assignors to Eastman Kodak Company, Rochester, N. Y. Anthraquinone compounds. 2,391,011; Dec. 18.
Dickey, Joseph B., Rochester, N. Y., and J. G. McNally, Knoxville, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Alkylating arylamines. 2,391,139; Dec. 18.
Dickey, Roy N., assignor to Meets-A-Need Manufacturing Company, Seattle, Wash. Hinge construction for waffle irons and the like. 2,367,847; Jan. 23.
Dickey, Roy N., assignor to Meets-A-Need Manufacturing Company, Seattle, Wash. Waffle iron. 2,376,585; May 22.
Dickieson, Alton C., Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signal transmission system. 2,387,652; Oct. 23.
Dickinson, Arthur H., Scarsdale, assignor to International Business Machines Corporation, New York, N. Y. Accounting means. 2,377,764; June 5.
Dickinson, Arthur H., Greenwich, Conn., assignor to International Business Machines Corporation, New York, N. Y. Record controlled computing machine. 2,390,427; Dec. 4.
Dickinson, Edna V., et al.: *See*—
Bruen, George C., assignor.
Dickinson, John T., Basking Ridge, N. J., O. Morfit, Scarsdale, N. Y., and L. J. Van Orden, Bloomfield, N. J., assignors to Standard Oil Company, Chicago, Ill. Propane fractionation of heavy oils. 2,367,671; Jan. 23.
Dickinson, John T., Basking Ridge, N. J., H. P. Wickham, Glen Head, and O. Morfit, Scarsdale, N. Y., assignors to Standard Oil Company, Chicago, Ill. Propane fractionation of heavy oils. 2,383,535; Aug. 28.
Dickison, Niles, Portsmouth, Va. Roller tension for spinning frames. 2,373,176; Apr. 10.
Dickson, Elizabeth B., et al.: *See*—
Kendall, George H., assignor.

Dickson, James J., and O. R. Rogers, Dayton, Ohio. Method and apparatus for telemetering flight test data. 2,378,395; June 19.
Dickson, L. C., Jr., et al.: *See*—
Kendall, George H., assignor.
Dickson, T. C., Jr., et al.: *See*—
Dicke, Oscar H., assignor.
Dickson, Thomas A.: *See*—
Abbott, R. H., and Dickson.
Dickson, Thomas A., assignor to Colorado Iron Works Company, Denver, Colo. Hydraulic classification method. 2,373,662; Apr. 17.
Dickten, Emil, Jr., Totowa, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Polarized relay. 2,378,986; June 26.
Di Cosmo, Pasquale V., assignor to The Canister Company, Phillipsburg, N. J. Container and closure therefor. 2,370,018; Feb. 20.
Di Cosmo, Pasquale V., assignor to The Canister Company, Phillipsburg, N. J. Container and closure with opening means therefor. 2,375,632; May 8.
Di Cosmo, Pasquale V., assignor to The Canister Company, Phillipsburg, N. J. Container and sealing same. 2,378,470; June 19.
Di Cosmo, Pasquale V., and M. C. Ricciardi, Dover, N. J. Fuse assembly machine. 2,367,672; Jan. 23.
Dictaphone Corporation: *See*—
Lucarelle, Joseph M., assignor.
Norton, L. D., and Frykman, assignors.
Yerkovich, S., Sherman, and Cameron, assignors.
Dictograph Products Company, Inc.: *See*—
Koch, Henry, assignor.
Diebold, Incorporated: *See*—
Abbott, A. L., Spencer, and Lichtenstein, assignors.
Miller, Karl H., assignor.
Diederich, Henry J., St. Paul, Minn. Storm window fastener. 2,374,426; Apr. 24.
Dieffenbach, Ferd, Greentree, Pa. Method and apparatus for the inspection of paint films. 2,373,104; Apr. 10.
Diehl, Claus: *See*—
Dalmer, O., Diehl, and Pieper.
Diehl, G. M., Machine Works, The: *See*—
Gustin, George M., assignor.
Diehl, Harold A., Bay City, and J. C. McDonald, assignors to The Dow Chemical Company, Midland, Mich. Rolling composite magnesium-base alloy sheets. 2,366,185; Jan. 2.
Diehl, John A., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Seadrome contact light buoy. 2,367,818; Jan. 23.
Diehl, John E.: *See*—
Shobert, E. I., II, Diehl, and Schutz.
Diehl, Walter S., U. S. Navy. Aircraft wing slot baffle. 2,368,205; Jan. 30.
Diehn, Karl H., Dundalk, and L. C. Crewe, Baltimore, Md., assignors to Bethlehem Steel Company. Drawing. 2,390,644; Dec. 11.
Diem, Hans, assignor to Edouard Dubied & Cie Societe Anonyme, Neuchatel, Switzerland. Circular knitting machine provided with pattern means. 2,370,619; Mar. 6.
Diem, Hans J., Bradenton, Fla. Insecticide. 2,388,393; Nov. 6.
Diera, Lewis G.: *See*—
Knudsen, Percy E., and Diera.
Dierking, Lester H., assignor to E. H. Kramer, Detroit, Mich. Planer gauge. 2,372,368; Mar. 27.
Dies, Charles A., Chicago, Ill. Globe valve. 2,373,552; Apr. 10.
Diesel, Benjamin A., Los Angeles, Calif. Pickup truck. 2,385,196; Sept. 18.
Dietert, Harry W., Detroit, Mich. Combustion tube assembly. 2,370,293; Feb. 27.
Dietert, Harry W., Detroit, Mich. Apparatus for testing the gas permeability of molded specimens. 2,371,508; Mar. 13.
Dietert, Harry W., Detroit, Mich. Film or photographic plate processing machine. 2,384,898; Sept. 18.
Dietrich, Hans L., Berlin, Germany; vested in the Alien Property Custodian. Receiver. 2,369,542; Feb. 13.
Dietrich, Melvin A., Claymont, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydrocarbon oil. 2,370,943; Mar. 6.
Dietrich, Melvin A., Claymont, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Organic phosphorus compounds. 2,373,627; Apr. 10.
Dietrich, Melvin A., Claymont, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Sulphurized hydrocarbon derivatives. 2,373,879; Apr. 17.
Dietrich, Melvin A., Claymont, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydrocarbon oil. 2,387,501; Oct. 23.
Dietrich, Otto E., Morton, Ill. Reversible pitch propeller. 2,384,780; Sept. 11.
Dietrich, Walter L., assignor to The Arrow-Hart & Hegeman Electric Company, Hartford, Conn. Tilt-type lever-operated switch. 2,377,134; May 29.
Dietz, Albert E., Washington, D. C. Pneumatic tire. 2,368,974; Feb. 6.
Dietz, Douglas, Smithton, Ill. Carcass saw. 2,381,489; Aug. 7.
Dietz, Karl: *See*—
Voss, Arthur, Dietz, and Thomas.
Dietzgen, Eugene, Co.: *See*—
Dietzgen, Joseph E., assignor.
Dietzgen, Joseph E., Winnetka, assignor to Eugene Dietzgen Co., Chicago, Ill. Slide rule. 2,369,819; Feb. 20.
Diezel, Willy, Fairfield, assignor to The Max Ams Machine Company, Bridgeport, Conn. Seaming mechanism. 2,382,469; Aug. 14.
Diezel, Willy, Fairfield, assignor to The Max Ams Machine Company, Bridgeport, Conn. Cover feeding and marking device. 2,386,845; Oct. 16.
Diezel, Willy, Fairfield, assignor to The Max Ams Machine Company, Bridgeport, Conn. Seaming mechanism. 2,391,684; Dec. 25.
Diffley, Peter J., Springfield, Mass. Handguard. 2,390,522; Dec. 11.
Di Giovanni, Joseph, Fairview, N. J., assignor to United Elevator Service, Inc., New York, N. Y. Elevator system. 2,384,986; Sept. 18.
Di Grado, Salvatore, and C. C. Greco, Philadelphia, Pa. Furniture brace. 2,373,818; Apr. 17.
Dike, Theodore W.: *See*—
Golick, A. J., and Dike.
Laucks, I. F., Merritt, Lawshe, and Dike.
Dileo, Dominick, Utica, N. Y. Fishing line reel. 2,389,602; Nov. 27.
Dileo, Dominick, Utica, N. Y. Fishing line reel brake. 2,390,356; Dec. 4.
Dilg, Walter C., Floral Park, assignor to Waugh Equipment Company, New York, N. Y. Grate bar. 2,372,260; Mar. 27.
Di Lieto, Alfonso L., Ozone Park, assignor to A. Kreamer, Inc., Brooklyn, N. Y. Receptacle and rack. 2,376,670; May 22.
Dilks, Charles F., South Norwalk, Conn. Sound reproducing and amplifying device. 2,384,371; Sept. 4.
Dill, Gilbert D., Wilmette, Ill., assignor to Standard Oil Development Company, New York, N. Y. Facilitating and controlling chemical reactions or physical treatments. 2,381,119; Aug. 7.
Diller, Burgoyne A., U. S. Navy. Blinker signaling device. 2,376,586; May 22.
Diller, Sanford, Benton Harbor, Mich. Fruit brushing machine. 2,376,587; May 22.
Dilley, June D., Huntington, W. Va., assignor to American Car and Foundry Company, New York, N. Y. Washer and cotter pin lock. 2,391,140; Dec. 18.
Dillinger, Joy F.: *See*—
Bandur, A. F., Dillinger, and Ogden.
Dillman, Earnest J., assignor to Detroit Lubricator Company, Detroit, Mich. Expansion valve. 2,368,592; Jan. 30.
Dillman, Earnest J., assignor to Detroit Lubricator Company, Detroit, Mich. Electric switch. 2,374,636; Apr. 24.
Dillman, Earnest J., assignor to Detroit Lubricator Company, Detroit, Mich. Control device. 2,377,765; June 5.
Dillman, Earnest J., assignor to Detroit Lubricator Company, Detroit, Mich. Control means. 2,389,111; Nov. 13.
Dillon, Harry R., Richmond, Va. Hammock. 2,378,202; June 12.
Dillon, Lyle, San Gabriel, and E. G. Ragatz, San Marino, assignors to Union Oil Company of California, Los Angeles, Calif. Apparatus and method for coalescing foam. 2,381,578; Aug. 7.
Dillon, Stephen V., Tulsa, Okla. Remote control locking means. 2,387,126; Oct. 16.
Dilworth, Richard M., Hinsdale, Ill., assignor to General Motors Corporation, Detroit, Mich. Flexible coupling. 2,383,850; Aug. 28.
Dilworth, Richard M., Hinsdale, and T. O. Lilliquist, Clarendon Hills, Ill., assignors to General Motors Corporation, Detroit, Mich. Transition control system. 2,388,782; Nov. 13.
Dimick, Hanna G.: *See*—
Owen, David T., assignor.
Dimick, William A., St. Johnsbury, Vt., assignor to Fairbanks, Morse & Co., Chicago, Ill. Weighing scale beam. 2,390,696; Dec. 11.
Dimmer, Robert P., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Radio receiver control means. 2,379,284; June 26.
Dimmick, Glenn L., Indianapolis, Ind., assignor to Radio Corporation of America. Reduction in reflection from glass. 2,371,611; Mar. 20.
Dimmick, Glenn L., Indianapolis, Ind., assignor to Radio Corporation of America. Dichroic reflector. 2,379,790; July 3.
Dimmick, Glenn L., Indianapolis, Ind., assignor to Radio Corporation of America. Interferometer. 2,381,728; Aug. 7.
Dimond, Lloyd E., Portsmouth, Va. Sausage casing. 2,366,710; Jan. 9.
Dimond, Thomas L., Rutherford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Traffic observing apparatus. 2,378,541; June 19.
Dimple Tie Corporation: *See*—
Kleinmann, Max., assignor.
Dimsdale, Wilfrid H., and A. E. Clarke, assignors to Ilford Limited, Ilford, England. X-ray dosage indicator. 2,387,887; Oct. 30.
Dinkfeld, August M., Berkeley, Calif., assignor to Johns-Manville Corporation, New York, N. Y. Molding and curing self-setting magnesia. 2,368,975; Feb. 6.

Dinley, Clarence F., and W. L. McCracken, assignors to Detroit Rex Products Company, Detroit, Mich. Extraction method. 2,377,135; May 29.

Dinley, Clarence F., and W. L. McCracken, assignors to Detroit Rex Products Company, Detroit, Mich. Extraction apparatus. 2,377,136; May 29.

Dinnick, George M.: *See*—
Mouromtseff, I. E., and Dinnick.

Di-Noc Manufacturing Company, The: *See*—
Reese, Thomas S., assignor.

Dinsley, Alfred, La Canada, Calif. Shark repellent. 2,389,719; Nov. 27.

Dinsmore, Ray P., assignor to Wingfoot Corporation, Akron, Ohio. Threadlike structure. 2,386,666; Oct. 9.

Di Pietro, Carmelo V., Birmingham, Mich. Beverage dispensing apparatus. 2,371,431; Mar. 13.

Di Pietro, Carmelo V., Birmingham, Mich. Faucet. 2,371,432; Mar. 13.

Dippel, Cornelis J., and K. J. Keuning, Eindhoven, Netherlands, H. J. J. Verkinderen, Mortsel, and R. L. H. Van Hoestenberghe, Berchem, Belgium; vested in the Alien Property Custodian. Copyfilms for lenticular sound tracks. 2,380,585; July 31.

Dirksen, Arnold D., Dayton, Ohio. Day and night message conveyer. 2,370,150; Feb. 27.

Dirksen, Arnold D., Dayton, Ohio, C. Bardwell, West Los Angeles, and J. C. Rose, assignors to Bardwell & McAlister, Inc., Los Angeles, Calif. Variable indicator light cap. 2,372,937; Apr. 3.

Dirksen, Arnold D., and J. E. Golob, Dayton, Ohio. Identification light for aerial delivery containers. 2,376,330; May 22.

Dirkes, Robert F.: *See*—
Clark, F. H., and Dirkes.

Dirkes, Robert F., Jamaica, N. Y., J. W. Long, Plainfield, and T. E. Melick, Neshanic, N. J., and E. W. Hewitt, Stamford, Conn., assignors to The Western Union Telegraph Company, New York, N. Y. Telegraph printer. 2,375,541; May 8.

Dirksen, Henry W.: *See*—
Eagle, J. H., Dirksen, and Orser.

Dirksen, Ole A., and H. G. Beesley, Spencer, Iowa. Post driver. 2,378,131; June 12.

Dismuzl, Steve J., Hollidays Cove, W. Va., assignor to National Steel Corporation. Continuous strip pickling. 2,381,652; Aug. 7.

Dismer, John H., Dallas, Tex. Evaporative cooling unit. 2,384,016; Sept. 4.

Disken, Martin B., Brooklyn, N. Y. Card holding attachment. 2,390,357; Dec. 4.

Dismukes, Newton B., Houston, Tex., assignor to Standard Oil Development Company. Plugging strata in bore holes. 2,371,383; Mar. 13.

Dispersions Process, Inc.: *See*—
Zemaitis, Joseph F., assignor.

Display Finishing Company, Inc.: *See*—
Quinby, Albert J., assignor.

Disse, Josef A., Detroit, Mich. Universal vise. 2,390,428; Dec. 4.

Distillation Products, Inc.: *See*—
Baxter, J. G., and Robeson, assignors.
Cawley, John D., assignor.
Hecker, John C., assignor.
Hickman, Kenneth C. D., assignor.
Hickman, K. C. D., and Kuipers, assignors.
Shuntz, Edgar M., assignor.

Distillers Company Limited, The: *See*—
Brittain, E. H., Joshua, and Whitmarsh, assignors.
Mugdan, M., and Barton, assignors.
Staudinger, H. P., and Tuerck, assignors.
Staudinger, H. P., Tuerck, and Brittain, assignors.
Staudinger, H. P., Tuerck, and Brighton, assignors.
Stanley, H. M., and Smart, assignors.
Stanley, H. M., and Youell, assignors.
Tuerck, Karl H. W., assignor.
Tuerck, K. H. W., and Lichtenstein, assignors.
Wood, W. L., and Rowen, assignors.

Ditchfield, Frank, assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Railway hatch cover and locking means therefor. 2,372,369; Mar. 27.

Ditchfield, Frank, assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Car construction. 2,385,062; Sept. 18.

Ditchfield, Frank, assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Lifting mechanism for sliding doors. 2,386,385; Oct. 9.

Ditchfield, Frank, assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Freight car. 2,390,873; Dec. 11.

Di Tona, Joseph O. C., Newark, N. J. Spark plug. 2,388,472; Nov. 6.

Dittler, Alexander: *See*—
Cook, Frank G., assignor.

Dittman, Karl H., assignor, by mesne assignments, to Jack & Heintz, Inc., Cleveland, Ohio. Receptacle. 2,376,530; May 22.

Dittmar, Harry R., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Inhibiting polymerization. 2,373,464; Apr. 10.

Dittmar, Harry R., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Bright dip. 2,382,865; Aug. 14.

Ditto, Eugene D., Brookline, assignor to Marine Optical Mfg. Co., Boston, Mass. Industrial goggle. 2,367,389; Jan. 16.

Ditto, Hugo M., Newton, assignor, by mesne assignments, to Marine Optical Mfg. Co., Boston, Mass. Goggles. 2,388,635; Nov. 6.

Ditto, Incorporated: *See*—
Bour, Robert C., assignor.
Champion, William J.
Champion, William J., assignor.
Chatterton, Cecil M., assignor.
Erickson, A. L., and Haskell, assignors.
Gibson, J. L., and Peterson, assignors.
Hess, Arthur L., assignor.
Tatge, Robert W., assignor.
Wilderson, Ell, assignor.

Ditto, Joseph C.: *See*—
Martine-Lally, L. A., Doney and Ditto.

Ditty, Allan V., Detroit, and A. J. Bradford, Grosse Pointe Park, assignors, by mesne assignments, to Technical Service, Incorporated, Detroit, Mich. Foldable stage structure. 2,369,340; Feb. 13.

Diurson, Axel R. K., assignor to Svenska Aktiebolaget Bromsregulator, Malmo, Sweden. Vehicle brake control. 2,369,543; Feb. 13.

Di Valvasone, A. Ferstat: *See*—
Fendring, Harry E., assignor.

Divelbiss, George K., Clinton County, and A. Krofft, Easton, Mo. Bag holder. 2,371,743; Mar. 20.

Diver, Joseph E.: *See*—
Freel, W. G., Diver, and Jones.

Divine, Theodore C., Bellevue, Idaho. Outlet box hanger. 2,380,155; July 10.

Diving Equipment and Salvage Co., Inc.: *See*—
Browne, John W., assignor.

Dix, Winfield S., Myerstown, Pa. Boat. 2,373,019; Apr. 3.

Dixie Cup Company: *See*—
Barbieri, Cesare, assignor.
Brewer, Clarence T., assignor.
Carew, Herman, assignor.

Dixon, Albert W., assignor to The Alvey-Ferguson Company, Cincinnati, Ohio. Adjustable standard. 2,376,238; May 15.

Dixon, Fate, assignor of one-half to A. L. Walton, Durham, N. C. Machine for grinding bits. 2,384,899; Sept. 18.

Dixon, James K.: *See*—
Lecher, H. Z., and Dixon.

Dixon, James K., Riverside, Conn., assignor to American Cyanamid Company, New York, N. Y. P-cymene from monocyclic terpenes. 2,376,308; May 15.

Dixon, James K., Riverside, Conn., assignor to American Cyanamid Company, New York. Dehydrogenation of menthane. 2,376,309; May 15.

Dixon, James K., Riverside, Conn., assignor to American Cyanamid Company, New York, N. Y. Dimethyl styrene from monocyclic terpenes. 2,376,310; May 15.

Dixon, James K., Riverside, Conn., assignor to American Cyanamid Company, New York, N. Y. 4-methyl-alpha-methyl styrene from bicyclic terpenes. 2,387,836; Oct. 30.

Dixon, James K., Riverside, Conn., assignor to American Cyanamid Company, New York, N. Y. Cracking of alpha-methylstyrenes. 2,391,821; Dec. 25.

Dixon, Jonathan, Catonsville, Md. Combined liquid-level indicator and controller. 2,377,330; June 5.

Dixon, Joseph, Crucible Company: *See*—
Hasselquist, Hugo S., assignor.
Miller, Kay, assignor.

Dixon, Keith E.: *See*—
Thompson, R. K., and Dixon.

Dixon, Ralph H., Belleville, N. J. Fastener device. 2,370,452; Feb. 27.

Dixon, Steve: *See*—
Haddock, J. L., and Dixon.

Dixon, William, Henderson, Ky. Back washer. 2,378,471; June 19.

Di Zoppola, Mario, New York, assignor to General Bronze Corporation, Long Island City, N. Y. Igniting a torch under water. 2,383,046; Aug. 21.

Doak, Robert S.: *See*—
Sontheimer, C. G., and Doak.

Doan, Donald J., and L. Vaughn, Joplin, Mo., assignors to The Eagle-Picher Lead Company, Cincinnati, Ohio. Manufacture of lead oxide. 2,380,096; July 10.

Dobbs, Fred, et al.: *See*—
Fitz, Charles L., assignor.

Dobeckmun Company, The: *See*—
Schmidt, David, assignor.

Doberstein, Edward J., Blue Island, assignor to Goodman Manufacturing Company, Chicago, Ill. Shuttle car. 2,372,475; Mar. 27.

Doberstein, Edward J., Blue Island, assignor to Goodman Manufacturing Company, Chicago, Ill. Kerf-cutting machine. 2,384,083; Sept. 4.

Doble, Abner, assignor to Stanley Steam Motors Corporation, Chicago, Ill. Steam power plant. 2,379,887; July 10.

Dobmeier, Harold J., and G. A. Weingartner, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Aircraft control means. 2,383,779; Aug. 28.

Dobřemysl, Josef, Cambridge, England. Extractor for automatic guns. 2,366,840; Jan. 9.

Dobřemysl, Josef, Cambridge, England. Feed mechanism of machine and like automatic guns. 2,383,780; Aug. 28.

Dobřemysl, Josef, London, England. Automatic firearm. 2,367,488; Jan. 16.

Dobřemysl, Josef, London S. W. 15, England. Automatic gun. 2,389,960; Nov. 27.

Dobrenen, Charles, Los Angeles, Calif. Portable folding crib. 2,369,885; Feb. 20.

Dobrzynski, Nusyn, Haderah, Palestine. Liquid gauge tube. 2,371,509; Mar. 13.

Dobson, William A., Hartford, Conn., assignor to Underwood Corporation. Typewriting machine. 2,384,017; Sept. 4

Dobson, William M., and A. L. Frye, Long Beach, and T. A. Griggs, San Pedro, assignors to Richfield Oil Corporation, Los Angeles, Calif. Well drilling. 2,380,156; July 10.

Docksey, Patrick: *See*—
Evans, N., and Docksey.

Docteur, Russell W., Rochester, N. Y. Fishing spoon. 2,375,290; May 8.

Dodd, Arthur E., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Indicating apparatus. 2,379,219; June 26.

Dodd, Arthur E., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrical relay. 2,387,127; Oct. 16.

Dodds, Edwin M.: *See*—
Humphreys, T. D., and Dodds.

Dodds, John M., Timperley, and G. J. Scoles, East Sheen, assignors to Metropolitan-Vickers Electrical Company Limited, London, England. Step-by-step driving mechanism. 2,378,987; June 26.

Dodds, William E., Corsicana, Tex. Toy rocket chute. 2,380,223; July 10.

Dodenhoff, William D.: *See*—
Kottemann, Otto A., assignor.

Doderer, Adolph W.: *See*—
Stuhlman, F. A., and Doderer.

Doderer, Adolph W., assignor to Borg-Warner Corporation, Chicago, Ill. Machine for rolling circular objects. 2,368,008; Jan. 23.

Dodge, Adiel Y., Rockford, Ill. Clutch. Re. 22,682; Oct. 16.

Dodge, Adiel Y., Rockford, Ill. Coupling. 2,366,841; Jan. 9.

Dodge, Adiel Y., Rockford, Ill. Fluid clutch. 2,371,227; Mar. 13.

Dodge, Adiel Y., Rockford, Ill. Torque transmission. 2,371,228; Mar. 13.

Dodge, Adiel Y., Rockford, Ill. Torque transmission. 2,371,229; Mar. 13.

Dodge, Adiel Y., Rockford, Ill. Transmission. 2,372,817; Apr. 3.

Dodge, Adiel Y., Rockford, Ill. Clutch. 2,383,295; Aug. 21.

Dodge, Adiel Y., Rockford, Ill. Clutch and bearing structure. 2,383,595; Aug. 28.

Dodge, Adiel Y., Rockford, Ill. One-way clutch. 2,385,799; Oct. 2.

Dodge, Adiel Y., Rockford, Ill. Making vaned elements. 2,387,722; Oct. 30.

Dodge, Adiel Y., Rockford, Ill. Transmission. 2,389,186; Nov. 20.

Dodge, Adiel Y., Rockford, Ill. One-way clutch. 2,389,961; Nov. 27.

Dodge, Adiel Y., and C. E. Swenson, Rockford, Ill. Combined one-way clutch and bearing. 2,366,842; Jan. 9.

Dodge, Adiel Y., and C. E. Swenson, Rockford, Ill. One-way clutch. 2,366,843; Jan. 9.

Dodge, Barnett F.: *See*—
Pardee, W. A., and Dodge.

Dodge, Dwight A.: *See*—
Tuwiner, S. B., and Dodge.

Dodge, Gordon F., Columbus, Ohio, assignor to The Jeffery Manufacturing Company. Belt-centering device. 2,366,390; Jan. 2.

Dodge, Henry M., Perrysburg, assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Windshield or window construction. 2,382,963; Aug. 21.

Dodge, Howard M., Wabash, Ind., assignor to The General Tire & Rubber Company, Akron, Ohio. Molding apparatus for making thin-walled hollow articles. 2,370,294; Feb. 27.

Dodge, Howard M., Wabash, Ind., assignor to The General Tire & Rubber Company, Akron, Ohio. Torsional joint. 2,379,508; July 3.

Dodge, Kenneth J.: *See*—
MacGuire, W. E., and Dodge.

Dodge Manufacturing Corporation: *See*—
Firth, David, assignor.
Firth, D., and Fast, assignors.
Lower, Donald P., assignor.

Dodge, Ronald D., Rochester, assignor to International Business Machines Corporation, New York, N. Y. Typewriting machine. 2,372,886; Apr. 3.

Dodge, William W., Jr., Asheville, N. C. Control mechanism for vehicles. 2,366,391; Jan. 2.

Dodington, Sven H. M., Forest Hills, N. Y., assignor to Federal Telephone and Radio Corporation. Transformer. 2,383,475; Aug. 28.

Dodson, Edward, Putney Heath, London, S. W. 15, England. Servo-motor. 2,376,671; May 22.

Dodson, Edward, Puriton, near Bridgewater, England. Fluid-pressure-operated means for controlling apparatus at a distance. 2,379,692; July 3.

Dodson, Wayne E., Bloomfield, N. J., assignor to General Electric Company. Refrigerating system. 2,379,286; June 26.

Dodson, Wayne E., Caldwell, N. J., assignor to General Electric Company. Multistage refrigerating system. 2,386,198; Oct. 9.

Dodwell, John M., Shawbridge, Quebec, Canada. Seed planting machine. 2,384,820; Sept. 18.

Doe, Alec: *See*—
Tompkins, W., and Doe.

Doe, Thomas B., and R. L. Kenngott, New York, assignors to Ford Instrument Company, Inc., Long Island City, N. Y. Fuse. 2,368,747; Feb. 6.

Doeg, Ralph W., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,372,938; Apr. 3.

Doehler Die Casting Company: *See*—
Bartholomew, Howard W., assignor.

Doehm, Karl A.: *See*—
Weidauer, C., and Doehm.

Doehring, Walter M., assignor to The Sheffield Corporation, Dayton, Ohio. Tool. 2,387,128; Oct. 16.

Doepner, Herman J., St. Paul, Minn. Fingerprinting apparatus. 2,384,018; Sept. 4.

Doerner, Henry A., Pullman, Wash. Magnesium distillation furnace. 2,379,888; July 10.

Doerner, Henry A., Pullman, Wash. Sludge separator. 2,380,097; July 10.

Doerner, Henry A., Pullman, Wash. Automatic reamer. 2,380,098; July 10.

Doggett, Leo W.: *See*—
Thompson, E. H., and Doggett.

Doggett, Leo W., assignor to Automatic Canteen Company of America, Chicago, Ill. Multiple stack loading mechanism for cup dispensers. 2,370,848; Mar. 6.

Doherty, William H., Elmhurst, N. Y. Shoe sole. 2,386,667; Oct. 9.

Dohl, Robert A., and E. G. Ziegelhoefer, Rochester, N. Y., assignors to Commercial Controls Corporation. Envelope hopper for mail treating machines. 2,390,573; Dec. 11.

Dohner & Lippincott: *See*—
Lippincott, Joshua G., assignor.

Dohrer, Francis J.: *See*—
Wall, H. M., and Dohrer.

Doisy, Edward A., Webster Groves, and P. A. Katzman, University City, assignors to President and Board of Trustees of St. Louis University, St. Louis, Mo. Obtaining chorionic gonadotropic hormone. 2,375,979; May 15.

Doisy, Edward A., and D. W. MacCorquodale, Webster Groves, and S. A. Thayer, S. B. Binkley, and R. W. McKee, assignors to President & Board of Trustees of St. Louis University, St. Louis, Mo. Vitamin K compounds and obtaining same. 2,373,105; Apr. 10.

Doke, Ernest G., assignor to MacLean-Fogg Lock Nut Company, Chicago, Ill. Light gauge securing clip. 2,386,386; Oct. 9.

Dolan, Thomas A., Chicago, Ill. Foot massage device. 2,369,544; Feb. 6.

Dolch, William C., assignor to Hydraulic Control Engineering Company, Cleveland, Ohio. Flow controlling valve. 2,367,106; Jan. 9.

Dole Valve Company, The: *See*—
Brown, Clyde A., assignor.
Chace, Thomas B., assignor.

Dolezal, Edward, L. J. Weber, and V. V. Hubby, Bartlesville, Okla., assignors to Phillips Petroleum Company. Furnace construction. 2,366,959; Jan. 9.

Dolgorukov, Gregory S., Detroit, Mich. Drafting instrument. 2,379,791; July 3.

Dolian, Frank E., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Emulsion paste waxes. 2,374,474; Apr. 24.

Dollahite, Marlin E.: *See*—
Weeth, W. W. and E., and Dollahite.

Dollinger Corporation: *See*—
Dollinger, Lewis L., assignor.

Dollinger, Lewis L., assignor to Dollinger Corporation, Rochester, N. Y. Flow indicator. 2,389,603; Nov. 27.

Dolly Toy Company, The: *See*—
Holtcvolgt, John H., assignor.

Doman, Carl T., Geddes, assignor to Aircooled Motors Corporation, Syracuse, N. Y. Lubricating system for internal-combustion engines. 2,366,701; Jan. 9.

Doman, Carl T., Geddes, assignor to Aircooled Motors Corporation, Syracuse, N. Y. Valve lubricating system for internal-combustion engines. 2,381,339; Aug. 7.

Dombrow, Bernard A., New York, N. Y., assignor to National Oil Products Company, Harrison, N. J. Treatment of fat-soluble vitamin-containing materials. 2,380,418; July 31.

Dome Chemicals Incorporated: *See*—
Wershaw, Irving B., assignor.

Dome, Robert B., Bridgeport, Conn., assignor to General Electric Company. Thermionic amplifier. 2,368,454; Jan. 30.

Domestic Egg Products Inc.: *See*—
Pollak, Frederick F., assignor.

Dominick, Theodore W., U. S. Navy. Relief map base. 2,386,199; Oct. 9.
Dominion Diamond Cutting Company: *See*—
Nunes-Vaz, Jacobus, assignor.
Dominion Electrical Manufacturing, Inc.: *See*—
Jordan, Richard H., assignor.
Dominion Engineering Works Limited: *See*—
Malkin, Bernard A., assignor.
Welsford, H. G., and Muir, assignors.
Dominion Foundries & Steel Employees' Savings and Profit Sharing Fund: *See*—
Sherman, Clifton W.
Dominion Foundries & Steel Limited, et al.: *See*—
Sherman, Clifton W., assignor.
Dominion Hoist & Shovel Company Limited: *See*—
Nix, Edmund A., assignor.
Dominion Magnesium Limited: *See*—
Breyer, Frank G., assignor.
Pidgeon, Lloyd M., assignor.
Whiton, L. V., and Weld, assignors.
Dominion Minerals, Incorporated: *See*—
Brenner, Ralph E., assignor.
Dominion Tar & Chemical Company Limited: *See*—
Sturrock, M. G., and Lavoe, assignors.
Dominion Textile Company Limited: *See*—
Kershaw, J. G., and Fisher, assignors.
Domier, Charles A., assignor to The Hadley Company, Inc., Providence, R. I. Clasp. 2,369,724; Feb. 20.
Donachie, Matthew J., Holyoke, Mass., assignor to The Beryllium Corporation, New York, N. Y. Surface hardening beryllium copper alloys and articles comprised thereof. 2,380,506; July 31.
Donahue, John E.: *See*—
Smith, B. I., and Donahue.
Donahue, John E., Elizabeth, N. J., assignor to Standard Oil Development Company. Furnace tube plate design. 2,370,782; Mar. 6.
Donahue, Leo: *See*—
MacFarlane, John D., assignor.
Donal, John S., Jr., Summit, N. J., assignor to Radio Corporation of America. Electron discharge device and manufacture. 2,366,319; Jan. 2.
Donald, Forrest V., assignor to Simplicity Manufacturing Company, Port Washington, Wis. Tractor for garden cultivators and other implements. 2,368,290; Jan. 30.
Donaldson, Malcolm G., Okeechobee, Fla. Paper picker. 2,367,105; Jan. 9.
Donaldson, Paul H., Arlington, Mass. Photographic process. 2,377,292; May 29.
Donarico, Lorenze: *See*—
Hickey, Rowena C., assignor.
Donath, George A., Los Angeles, Calif. Grid pasting machine. 2,382,367; Aug. 14.
Dondero, John A., Brooklyn, N. Y. Inking utensil. 2,378,132; June 12.
Dondero, John A., Brooklyn, N. Y. Badge. 2,388,728; Nov. 13.
Dondero, John A., Brooklyn, N. Y. Ink pad and spreader assembly. 2,388,729; Nov. 13.
Donegan, William E., Livingston, assignor to Certified Tool & Die Co., Cranford, N. J. Receptacle. 2,369,341; Feb. 13.
Donelian, Khatchik O.: *See*—
Evans, F. C., and Donelian.
Donelson, William W., Boston, and J. W. Downey, Newton Center, assignors to The Federal Flooring Corporation, Boston, Mass. Sparkproof flooring. 2,378,623; June 19.
Doney, William A.: *See*—
Martine-Lally, L. A., Doney and Ditto.
Donlan, Theodore R., Union, assignor, by mesne assignments, to Standard Alcohol Company, Linden, N. J. Hydraulic media for low temperature operation. 2,379,792; July 3.
Donlan, Theodore R., Union, N. J., assignor to Standard Oil Development Company. Hydraulic media. 2,382,698; Aug. 14.
Donlan, Theodore R., Union, and A. Gathman, Elizabeth, N. J., assignors to Standard Oil Development Company. Oil solubilizing compositions. 2,391,087; Dec. 18.
Donley, Hugh L., Collingswood, N. J., assignor to Radio Corporation of America. Magnetic frequency converter. 2,370,720; Mar. 6.
Donley, Hugh L., Collingswood, N. J., assignor to Radio Corporation of America. Oscillator tuning system. 2,382,615; Aug. 14.
Donnellan, Maurice L., Ypsilanti, Mich. Aeronautical take-off gear. 2,366,892; Jan. 9.
Donnelly, Charles A.: *See*—
Barnum, L. N., Donnelly, and Maple.
Donnelly, Frank P., Alderson, Pa. Corn protector shield. 2,389,032; Nov. 13.
Donnelly, James, assignor to The Miller Company, Meriden, Conn. Lighting fixture. 2,368,810; Feb. 6.
Donnelly, James A., Largent, W. Va. Smoking pipe and making same. 2,373,296; Apr. 10.
Donnelly, John C., Greenwich, Conn., assignor to Maguire Industries, Incorporated. Processing foods. 2,382,780; Aug. 14.
Donnelly, Thomas S., Jr., assignor to Bordon Mfg. Co., Inc., Detroit, Mich. Electrode holder. 2,373,232; Apr. 10.
Donnelly, Thomas S., Jr., assignor to Bordon Mfg. Co., Inc., Detroit, Mich. Electrode holder. 2,387,888; Oct. 30.
Donovan, Edward F., assignor to Cappel, MacDonald and Company, Dayton, Ohio. Walking push toy. 2,378,289; June 12.
Donovan, Thomas S.: *See*—
Bean, F. R., and Donovan.
Dons, Eddie M. and O. G. Mauro, assignors to Mid-Continent Petroleum Corporation, Tulsa, Okla. Separating wax and oil. 2,370,453; Feb. 27.
Dons, Eddie M. and O. G. Mauro, assignors to Mid-Continent Petroleum Corporation, Tulsa, Okla. Apparatus for separating wax and oil. 2,370,454; Feb. 27.
Dons, Eddie M., and O. G. Mauro, assignors to Mid-Continent Petroleum Corporation, Tulsa, Okla. Extracting constituents of mineral oils. 2,390,429; Dec. 4.
Dons, Eddie M., and O. G. Mauro, assignors to Mid-Continent Petroleum Corporation, Tulsa, Okla. Apparatus for extracting constituents of mineral oils. 2,390,430; Dec. 4.
Doolan, Leonard W., Jr.: *See*—
Stanfield, R. S., and Doolan.
Doolittle, Arthur K.: *See*—
Quarles, R. W., and Doolittle.
Doolittle, Arthur K., South Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Forming composite materials. 2,391,619; Dec. 25.
Doom, Ernest F., New Rochelle, N. Y., assignor to Electro Metallurgical Company. Production of alloy steel. 2,375,291; May 8.
Doose, Gabriel H. W., New Orleans, La. Catamaran type life raft. 2,377,215; May 29.
Doran Brothers, Incorporated: *See*—
Schultze, Paul, assignor.
Doran, Homer M., M. A. Jackson, and A. I. Alf, Great Falls, Mont., assignors to Anaconda Copper Mining Company, New York, N. Y. Recovery of indium. 2,384,610; Sept. 11.
Doran, John H., Scotia, N. Y., assignor to General Electric Company. Hydraulic torque transmission arrangement. 2,370,526; Feb. 27.
Doran, John H., Scotia, N. Y., assignor to General Electric Company. Hydraulic torque transmission arrangement. 2,374,588; Apr. 24.
Dorau, Conrad O., assignor to The New Britain Spring Company, New Britain, Conn. Hair spring container. 2,375,088; May 1.
Dorer, Herbert H.: *See*—
Hermann, S., Hahn, and Dorer.
Dorfan, Morton I., Pittsburgh, Pa. Flue gas scrubber. 2,380,826; July 31.
Dorfman, Hiller D.: *See*—
Dyer, L. W., and Dorfman.
Dorfman, Hiller D., Forest Hills, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Enclosed circuit breaker. 2,383,296; Aug. 21.
Dorfman, Leo O., Forest Hills, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Welding system. 2,387,889; Oct. 30.
Dorfman, Leslie: *See*—
Bouwer, A. B., and Dorfman.
Dorfman, Robert I., New York, N. Y. Game apparatus. 2,375,292; May 8.
Doriat, Martin: *See*—
Berg, H., and Doriat.
D'Orio, Pat A., Oak Park, and J. W. Huff, Elmwood Park, assignors, by mesne assignments, to Belmont Radio Corporation, Chicago, Ill. Radio receiving system. 2,390,209; Dec. 4.
Dorland, Rodger M., and R. M. Boehm, assignors to Masonite Corporation, Laurel, Miss. Etherification of lignins and lignin-like material. 2,379,889; July 10.
Dorland, Rodger M., and R. M. Boehm, assignors to Masonite Corporation, Laurel, Miss. Esterification of lignins and lignin-like material. 2,379,890; July 10.
Dorman, Alfred A.: *See*—
Akins, Jake, assignor.
Dornan, Edgar P., assignor to The United Glass Bottle Manufacturers Limited, London, England. Profiling machine. 2,390,828; Dec. 11.
Dorman, Jack R., Cincinnati, Ohio. Coupling for tubing. 2,366,444; Jan. 2.
Dormeyer, A. F., Mfg. Co.: *See*—
Setterlund, Sidney N., assignor.
Strauss, H. M. A., and Harbaugh, assignors.
Strauss, A., Feltman, Hunt, and Harbaugh, assignors.
Dormeyer Corporation: *See*—
Kennedy, Verne C., assignor.
Dorothea, Gale, assignor to Remington Arms Company, Inc., Bridgeport, Conn. Article inspecting machine. 2,383,297; Aug. 21.
Dorough, George L.: *See*—
Arnold, H. W., and Dorough.
Dorough, George L., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymeric material obtained by polymerizing a mixture of a conjugated diene and a cyclic imide of an olefinic dicarboxylic acid. 2,384,239; Sept. 4.
Dorough, George L., Niagara Falls, N. Y., and D. M. McQueen, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Processes of color photography. 2,380,032; July 10.

Dorough, George L., Niagara Falls, N. Y., and D. M. McQueen, Newark, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Photographic elements containing polyvinyl acetal color formers. 2,380,033; July 10.
Dorr Company, The: *See*—
Clemens, Robert F., assignor.
Geissler, William E., assignor.
Haagensen, Edward A., assignor.
Rawlings, Franklin N., assignor.
Rawlings, F. N., and De Geofroy, assignors.
Reybold, D. C., and Fischer, assignors.
Shafor, Ralph W., assignor.
Thompson, R. B., and Roberts, assignors.
Weber, William C., assignor.
Dorrell, Robert F., assignor of fifty per cent to W. C. Dvorak, Chicago, Ill. Bottle filler and capper machine. 2,383,781; Aug. 28.
D'Orsay, Marcelle, New York, N. Y. Nose guard for eyeglasses. 2,390,523; Dec. 11.
Dorsett, William C., C. C. Sperling, and O. C. Walker, assignors to Petroleum Conversion Corporation, Elizabeth, N. J. Cracking petroleum. 2,378,067; June 12.
Dorsman, Cornelis, Eindhoven, Netherlands; vested in the Alien Property Custodian. Device for measuring low direct voltages. 2,372,062; Mar. 20.
Dort, Russell L.: *See*—
Hayes, J. B., and Dort.
Dortort, Isadore K., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Electric valve control system. 2,373,297; Apr. 10.
Doschek, Antony, Crafton, Pa. Method of and means for identifying metals. 2,366,844; Jan. 9.
Doss, A. K., et al.: *See*—
Compton, Henry P., assignor.
Doss, Jerome E., Tampa, Fla. Striper. 2,369,342; Feb. 13.
Dosser, Robert C: *See*—
Britton, J. W., and Dosser.
Dostal, James J., Detroit, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Machine tool. 2,372,818; Apr. 3.
Doster, Howard G., assignor to The Ohio Injector Company, Wadsworth, Ohio. Valve. 2,373,020; Apr. 3.
Doty, Boyd A., assignor to Hard Manufacturing Company, Buffalo, N. Y. Over-bed table. 2,368,748; Feb. 6.
Doty, Charles R., Yonkers, assignor to International Business Machines Corporation, New York, N. Y. Record controlled tape perforator with manually controlled tape perforating operations. 2,372,887; Apr. 3.
Doty, Charles R., Yonkers, assignor to International Business Machines Corporation, New York, N. Y. Tape controlled card punching machine. 2,375,293; May 8.
Doty, Charles R., Yonkers, assignor to International Business Machines Corporation, New York, N. Y. Record punching machine. 2,377,766; June 5.
Doty, Charles R., Yonkers, assignor to International Business Machines Corporation, New York, N. Y. Record punching machine. 2,390,486; Dec. 4.
Doty, Charles R., Yonkers, assignor to International Business Machines Corporation, New York, N. Y. Record controlled tape punching machine. 2,391,773; Dec. 25.
Doucet, Edward J., assignor to Detroit Lubricator Company, Detroit, Mich. Fuel burner control means. 2,379,565; July 3.
Doughboy Machines, Inc.: *See*—
Humphrey, James M., assignor.
Dougherty, Charles A., Wilmington, Del. Vehicle rack. 2,370,019; Feb. 20.
Dougherty, Gregg, Princeton, and R. H. Barth, Ridgewood, N. J., assignors, by mesne assignments, to Heyden Chemical Corporation. Derivatives of benzyl sulphonic acids. 2,373,298; Apr. 10.
Dougherty, Gregg, Princeton, and R. H. Barth, Ridgewood, N. J., assignors to Heyden Chemical Corporation, New York, N. Y. Nitrogen derivatives of benzyl sulphonic acids. 2,373,299; Apr. 10.
Dougherty, Lemuel E., Fairhope, Ala. Hydraulic remote control system. 2,372,188; Mar. 27.
Dougherty, Lemuel E., Fairhope, Ala. Hydraulic remote control system. 2,372,189; Mar. 27.
Dougherty, Lemuel E., Miami, Fla. Hydraulic remote control system. 2,389,962; Nov. 27.
Dougherty, Lemuel E., Miami, Fla. Hydraulic remote control system. 2,389,963; Nov. 27.
Dougherty, Patrick F.: *See*—
Barton, P. D., and Dougherty.
Doughty, Samuel C., Perkasie, Pa. Pattern chain for knitting machines and the like. 2,388,311; Nov. 6.
Douglas Aircraft Company: *See*—
Del Mar, R. E., and Van Dyke, assignors.
Eckhardt, F. F., Pearson, and Albertine, assignors.
Heinemann, E. H., and Dennis, assignors.
Kleinhans, E. S., and Reaser, assignors.
Milburn, P. W., and Adamson, assignors.
Phillips, S. H., and Wisberg, assignors.
Douglas Aircraft Company, Inc.: *See*—
Boyd, Leo B., assignor.
Bronson, George A., assignor.
Burton, Edward F., and Rogers, assignors.
Burton, E. F., Adams, and Wheelon, assignors.
Butrovich, G. W., and Deardorff, assignors.
Klemperer, W. R., and Goldberg, assignors.
Klemperer, W. G., and Tharratt, assignors.
Douglas Aircraft Company, Inc.: *See*—Continued
Lehmeier, Carl F., assignor.
Milburn, P. W., and Adamson, assignors.
Ostergren, Ralph H., assignor.
Powers, Marvin A., assignor.
Rechton, G. D., Ward, and Watson, assignors.
Van Dyke, William D., assignor.
Douglas, Bradley C., Clayton, assignor to American Stove Company, St. Louis, Mo. Electric ignition system for gaseous fuel burners. 2,388,909; Nov. 13.
Douglas, George A.: *See*—
Campbell, J. S., Brown, and Douglas.
Douglas, H. A., Mfg. Co.: *See*—
Beal, Fay, assignor.
Bolley, Herschel C., assignor.
Bolley, H. C., and Johnson.
Drury, Thomas W., assignor.
Johnson, Elmer E., assignor.
Douglas, Harry A., Bronson, Mich. Airplane. 2,369,820; Feb. 20.
Douglas, Louis M.: *See*—
Cook, S. S., and Douglas.
Signer, J. U., and Douglas.
Douglas, Raymond M., Alpena, Mich., and R. S. Huyck, assignors to Bendix Aviation Corporation, South Bend Ind. Piston. 2,386,668; Oct. 9.
Douglass, Edward R., Eckman, N. Dak. Geometrical instrument. 2,382,618; Aug. 14.
Douglass, Kingman, Lake Forest, and C. R. Moline, Homewood, Ill., assignors to Allied Railway Equipment Company, Railway truck. 2,389,614; Nov. 27.
Douglass, Myrl R., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Light signal. 2,373,465; Apr. 10.
Doumani, Thomas F., Wilmington, assignor to Union Oil Company of California, Los Angeles, Calif. Separation of sulphur dioxide from gases. 2,370,020; Feb. 20.
Dour, Nicholas F., Chicago, and V. R. Stenger, Hinsdale, Ill. Reel construction. 2,391,141; Dec. 18.
Dousiin, Donald R., Bartlesville, Okla., assignor to Phillips Petroleum Company. Liquefied gas expander. 2,379,953; July 10.
Dousiin, Donald R., Bartlesville, Okla., assignor to Phillips Petroleum Company. Automatic pressure control for low-temperature, low-pressure factionating columns. 2,388,312; Nov. 6.
Dousiin, Donald R., Bartlesville, Okla., and C. F. Weinaug, Phillips, Tex., assignors to Phillips Petroleum Company. Furfural purification. 2,388,834; Nov. 13.
Douthett, Orin R., Brooklyn, N. Y., assignor to Barber Asphalt Corporation, Barber, N. J. Rigid foam. 2,384,611; Sept. 11.
Douthitt, Frank W., assignor of one-half to M. V. Douthitt, Big Stone City, S. Dak., and one-half to M. V. Kraus, Le Center, Minn. Fertilizer distributor. 2,371,958; Mar. 20.
Douthitt, Maurice V., et al: *See*—
Douthitt, Frank W., assignor.
Douty, Alfred, Elkins Park, and F. B. Freese, Lansdale, assignors to American Chemical Paint Company, Ambler, Pa. Paint. 2,385,800; Oct. 2.
D'Ouville, Edmond L.: *See*—
Shoemaker, B. H., and D'Ouville.
D'Ouville, Edmond L., and B. L. Evering, assignors to Standard Oil Company, Chicago, Ill. Conversion of butanes into high antiknock motor fuel. 2,369,444; Feb. 13.
D'Ouville, Edmond L., and A. G. Oblad, assignors to Standard Oil Company, Chicago, Ill. Butadiene production by the pyrolysis of diisopropyl. 2,376,961; May 29.
D'Ouville, Edmond L., and B. L. Evering, assignors to Standard Oil Company, Chicago, Ill. Hydrocarbon conversion. 2,381,439; Aug. 7.
Doux, Alfredo W., New York, N. Y. Combined suitcase, head and back rest. 2,373,106; Apr. 10.
Dove, Thomas, Jr., Pottsville, Pa., assignor to American Cyanamid & Chemical Corporation, New York, N. Y. Lowering device for large cartridges. 2,387,701; Oct. 23.
Dow, Bernard H.: *See*—
Deschamps, D. J., Dow, and Clarke.
Dow Chemical Company, The: *See*—
Amos, James L., assignor.
Amos, J. L., and Soderquist, assignors.
Ansel, Gerhard, assignor.
Bakarian, Puzant W., assignor.
Ballman, Donald K., assignor.
Bass, S. L., Rauner, and Lipke, assignors.
Bass, S. L., Upright, and Dennett, assignors.
Boulton, H. L., and Savage, assignors.
Bradshaw, Russell R., assignor.
Britton, Edgar C., assignor.
Britton, E. C., and Hansen, assignors.
Britton, E. C., and Harding, assignors.
Britton, E. C., and Le Fevre, assignors.
Britton, E. C., and Moll, assignors.
Britton, E. C., and Monroe, assignors.
Britton, E. C., and Slagh, assignors.
Britton, E. C., Coleman, and Schroeder, assignors.
Britton, E. C., Moyle, and Bryner, assignors.
Britton, E. C., Nutting, and Huscher, assignors.
Britton, J. W., and Dosser, assignors.
Brown, T. E., and Davis, assignors.

Dow Chemical Company, The: *See*—Continued
Bryant, Charles M., assignor.
Busk, Robert S., assignor.
Chamberlain, Leonard C., assignor.
Chisholm, Douglas S., assignor.
Coleman, Gerald H., assignor.
Coleman, G. H., and Griess, assignors.
Coleman, G. H., and Smith, assignors.
Coleman, G. H., Schroeder, and Griess, assignors.
Collings, W. R., Freeman, Roberts, and Hisey, assignors.
Davidson, John H., assignor.
Diehl, H. A., and McDonald, assignors.
Dreisbach, Robert R., assignor.
Dreisbach, R. R., and Heusted, assignors.
Dulmage, F. C., Jr., and Kauppi, assignors.
Freeman, R. D., and Schmelter, assignors.
Goggin, W. C., Matheson, and Hanson, assignors.
Grebe, J. J., and Bauman, assignors.
Grebe, J. J., Bauman, and Robinson, assignors.
Gregg, Charles L., assignor.
Griswold, Thomas, Jr., assignor.
Gunn, George F., assignor.
Guss, C. O., and Amidon, assignors.
Hanawalt, Joseph D., assignor.
Hanawalt, J. D., and Hess, assignors.
Hanson, Alden W., assignor.
Hanson, A. W., and Goggin, assignors.
Hebbard, George M., assignor.
Hooker, G. W., and Landee, assignors.
Hooker, G. W., and Stowe, assignors.
Hooker, G. W., Drake, and Stowe, assignors.
Hooker, G. W., Stowe, and Drake, assignors.
Hunter, Melvin J., assignor.
Hunter, M. J., and Kropscott, assignors.
Keller, Cornelius H., assignor.
Kirk, Roy C., assignor.
Kirk, R. C., Nelson, and McConica, assignors.
Lamb, N., and Mast, assignors.
Lawrence, A. A., and Bass, assignors.
Lehnhard, Philip J., Jr., assignor.
Livak, John E., assignor.
Logan, C. E., Dowling, and Hartung, assignors.
Loose, William S., assignor.
Lynn, G. E., and Fletcher, assignors.
Lynn, G. E., and Thiegs, assignors.
Matheson, Lorne A., assignor.
McConica, Thomas H., III, assignor.
McConica, T. H., III, MacPhail, and Kirk, assignors.
McDonald, John C., assignor.
Moyle, Clarence L., assignor.
Nelson, C. E., and Holdeman, assignors.
Nutting, H. S., and Horsley, assignors.
Ohlman, Edward O., assignor.
Perkins, Ralph P., assignor.
Peterson, Norman R., assignor.
Poffenberger, N., and Holmes, assignors.
Reid, James B., assignor.
Robbins, William B., assignor.
Robinson, Harold A., assignor.
Schambra, W. P., and Shigley, assignors.
Schmidt, Herbert W., assignor.
Shigley, Claire M., assignor.
Slagh, Harold R., assignor.
Slansky, Cyril M., assignor.
Smith, Frank B., assignor.
Smith, F. B., and Hansen, assignors.
Stalker, Edward A., assignor.
Stowe, Stephen C., assignor.
Wenck, Peter R., assignor.
Wiley, Ralph M., assignor.
Wright, Norman, assignor.

Dow Company, The: *See*—
Kelly, E. M., Kivari, Kite, Roberts, and Sutherland, assignors.

Dow, Orville E., and H. E. Goldstine, Port Jefferson, N. Y., assignors to Radio Corporation of America. High-frequency coupling circuit. 2,373,233; Apr. 10.

Dow, Raymond, Flushing, N. Y. Typewriter attachment. 2,369,445; Feb. 13.

Dow, Walter K., Baltimore, Md. Safety shutoff valve and system. 2,372,190; Mar. 27.

Dowd, Archie J., Plainfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Winding apparatus. 2,367,489; Jan. 16.

Dowd, Archie J., Plainfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Distributor mechanism. 2,371,034; Mar. 6.

Dowd, Charles G., Fetters Hot Springs, Calif. Paper currency. 2,364,667; Sept. 11.

Dowd, Raymond E., Chicago, Ill. Quick-release harness construction. 2,372,557; Mar. 27.

Dowd, Raymond E., Chicago, Ill. Safety belt. 2,372,558; Mar. 27.

Dowding, Leonard F., Eastchester, assignor to The Texas Company, New York, N. Y. Temperature control for hydrocarbon oil processing. 2,389,604; Nov. 27.

Dower, David W., Burlingame, and A. W. Clark, Albany, Calif., assignors to The Union Switch and Signal Company, Swissvale, Pa. Railway track circuit apparatus. 2,370,620; Mar. 6.

Dowey, Thomas L., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone call transmitter. 2,374,082; Apr. 17.

Dowey, Thomas L., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone call transmitter. 2,388,313; Nov. 6.

Dowey, Thomas L., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone call transmitter. 2,389,247; Nov. 20.

Dowling, Dudley R., Graceville, near Brisbane, assignor of one-third to F. Z. Eager, and one-third to J. Kelly, Brisbane, Queensland, Australia. Rotary pump. 2,384,286; Sept. 4.

Dowling, Juliet, Fulton County, Ga. Novelty device. 2,378,755; June 19.

Dowling, Martin C.: *See*—
Logan, C. E., Dowling, and Hartung.

Dowling, Philip H., Forest Hills, and H. L. Taylor, assignors to The Union Switch & Signal Company, Swissvale, Pa. Electrolytic method of preparing electrical rectifiers. 2,368,749; Feb. 6.

Down, Sidney G., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake cylinder. 2,383,241; Aug. 21.

Down, Sidney G., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake cylinder release means. 2,383,242; Aug. 21.

Down, Sidney G., Edgewood, and C. C. Farmer, Pittsburgh, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Variable load brake. 2,374,002; Apr. 17.

Down, Sidney G., Edgewood, and C. C. Farmer, Pittsburgh, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Variable load brake. 2,379,285; June 26.

Downer, Gerald W., deceased, by H. E. Murphy, administrator, Beverly, Mass., assignor to United Shoe Machinery Corporation. Flemington, N. J. Ammunition feed device. 2,388,958; Nov. 13.

Downes, Daniel T., Creighton, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Container for corrosive liquids and other substances. 2,384,084; Sept. 4.

Downey, George T., assignor to Aero Supply Mfg. Co. Inc., Corry, Pa. Fuel drain valve. 2,368,120; Jan. 30.

Downey, George T., assignor to Aero Supply Mfg. Co. Inc., Corry, Pa. Electrically operated cutoff valve. 2,370,021; Feb. 20.

Downey, George T., assignor to Aero Supply Mfg. Co. Inc., Corry, Pa. Cylindrical valve assembly. 2,375,633; May 8.

Downey, John W.: *See*—
Donelson, W. W., and Downey.

Downey, Paul M., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Thermoplastic compositions. 2,387,502; Oct. 23.

Downey, Reginald L., Scotia, N. Y., assignor to General Electric Company. Oscillator circuit. 2,369,953; Feb. 20.

Downey, Reginald L., Scotia, N. Y., assignor to General Electric Company. Crystal oscillator circuit. 2,369,954; Feb. 20.

Downing Box Company: *See*—
Richards, J. R., and Evert, assignors.

Downing, Francis B., Kansas City, Mo. Flattening appliance for disk records. 2,388,127; Oct. 30.

Downing, Frederick B., and C. J. Pedersen, Penns Grove, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilization of petroleum hydrocarbons. 2,373,021; Apr. 3.

Downing, Frederick B., Penns Grove, N. J., and H. M. Fitch, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Lubricant. 2,382,781; Aug. 14.

Downing, Frederick B., Carneys Point, A. F. Benning, and R. C. McHarness, Woodstown, N. J., assignors to Kinetic Chemicals, Inc., Wilmington, Del. Octafluorocyclobutane and pyrolytic process for its production. 2,384,821; Sept. 18.

Downing, Frederick B., Carneys Point, A. F. Benning, Woodstown, and R. C. McHarness, Carneys Point, N. J., assignors to Kinetic Chemicals, Inc., Wilmington, Del. Composition of matter and pyrolytic methods of synthesizing them. 2,387,247; Oct. 23.

Downing, James R. O., assignor to National Research Corporation, Boston, Mass. Diffusion pump. 2,386,299; Oct. 9.

Downing, James R. O., and W. B. Humes, assignors to National Research Corporation, Boston, Mass. Diffusion pump. 2,386,298; Oct. 9.

Downing, Joseph M.: *See*—
Volkman, Charles, assignor.

Downs, Austin H., Glen Ridge, N. J., assignor, by mesne assignments, to R. F. Alder, Philadelphia, Pa. Multiple spraying device. 2,380,827; July 31.

Downs, Charles D., Woodbury, and H. F. Saunders, Haddonfield, N. J., assignors to The Sherwin-Williams Company, Cleveland, Ohio. Pigments and making the same. 2,386,885; Oct. 16.

Downsbrough, George A.: *See*—
Coss, H. T., Pearce, and Downsbrough.

Dowty Equipment Limited: *See*—
Bound, Rowland H., assignor.
MacKenzie, Donald, assignor.
Snarey, George N., assignor.
Underwood, Cyril J., assignor.

Doyle, Frank B., Phillipsburg, N. J., E. H. Markley, Easton, Pa., and J. F. Plummer, Jr., Phillipsburg, N. J., assignors to Ingersoll-Rand Company, New York, N. Y. Apparatus for dehydration. 2,370,295; Feb. 27.

Doyle, Irving W., Massapequa, N. Y., assignor to Fairchild Camera and Instrument Corporation. Camera magazine. 2,380,034; July 10.

Doyle, Thomas F., Nogales, Ariz. Protective device for severed horns. 2,369,219; Feb. 13.

Doyon, Joseph S., et al.: *See*—
Krow, George A.

Drab, Joseph M., North Royalton, Ohio. Storm window. 2,388,044; Oct. 30.

Drackett Company, The: *See*—
Fiedler, Stuart O., assignor.
Gangloff, Wilmer C., assignor.
Gangloff, W. C., and Fiedler, assignors.

Draim, Samuel F., Pascagoula, Miss. Lawn mower. 2,385,568; Sept. 25.

Drake, Alden M., assignor to Niles-Bement-Pond Company, West Hartford, Conn. Internal screw thread lapping machine. 2,379,693; July 3.

Drake, Bernard: *See*—
Paddle, L. H., and Drake.

Drake, Bernard, Bromley, England. Electric frequency dividing system. 2,383,177; Aug. 21.

Drake, Charles E., Bloomfield, N. J., assignor to United States Rubber Company, New York, N. Y. Abrasive articles. 2,381,266; Aug. 7.

Drake, Charles E., Bloomfield, N. J., assignor to United States Rubber Company, New York, N. Y. Abrasive articles. 2,381,267; Aug. 7.

Drake, Earl D., Grand Rapids, assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,386,387; Oct. 9.

Drake, Edward P.: *See*—
Ryan, C. D., and Drake.

Drake, Emma C., et al.: *See*—
Mallonee, James W., assignor.

Drake, George F., assignor to Woodward Governor Company, Rockford, Ill. Governor. 2,371,157; Mar. 13.

Drake, George F., assignor to Woodward Governor Company, Rockford, Ill. Reversible magnetic gearing. 2,373,663; Apr. 17.

Drake, George F., assignor to Woodward Governor Company, Rockford, Ill. Governor adjusting mechanism. 2,374,083; Apr. 17.

Drake, George F., assignor to Woodward Governor Company, Rockford, Ill. Method and apparatus for producing alternating current of precisely controlled frequency. 2,376,421; May 22.

Drake, Harcourt C., Hempstead, N. Y., assignor to Sperry Products, Inc., Hoboken, N. J. Rail flaw detector mechanism. 2,367,848; Jan. 23.

Drake, Harcourt C., Hempstead, N. Y., assignor to Sperry Products, Inc., Hoboken, N. J. Rail flow detector mechanism. 2,390,783; Dec. 11.

Drake, Jerry H., assignor to H. M. Herbener, Thomasville, Ga. Toolholder. 2,391,142; Dec. 18.

Drake, John L.: *See*—
Paddock, O. H., and Drake.

Drake, Leonard C., Wenonah, and L. P. Evans, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Preparing oxide gels. 2,378,290; June 12.

Drake, Leonard C., Wenonah, and J. Herman and E. T. Scafe, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Restoration of catalysts. 2,380,731; July 31.

Drake, Lewis R.: *See*—
Hooker, G. W., Drake, and Stowe.
Hooker, G. W., Stowe, and Drake.

Drake, Russell P., Caledonia, assignor to Barber-Colman Company, Rockford, Ill. Drop wire compressor for warp drawing machines. 2,386,600; Oct. 9.

Drane, Phillips B., Tulsa, Okla. Turret attachment for drill presses. 2,368,009; Jan. 23.

Drane, Phillips B., Tulsa, Okla. Gasket for pressure relief disk valves. 2,386,940; Oct. 16.

Drane, Phillips B., Tulsa, Okla. Diaphragm operated valve. 2,389,720; Nov. 27.

Drapeau, Joseph E., Jr.: *See*—
Burruss, D. N., Jr., and Drapeau.

Drapeau, Joseph E., Jr., Calumet City, Ill., assignor to The Glidden Company, Cleveland, Ohio. High density compressible iron powder and process. 2,381,440; Aug. 7.

Draper Corporation: *See*—
Allen, J. G., and Villani, assignors.
Brown, Carl D., assignor.
Hamilton, Wallace, assignor.
Maurer, Albert, assignor.
Nichols, Edward C., assignor.
Shoesmith, Albert, assignor.
Tuten, James M., assignor.

Draper, Frederick C., Chipping Sodbury, assignor to Parnall Aircraft Limited, The Aerodrome, Yate, near Bristol, England. Appliance for bending tubing. 2,372,063; Mar. 20.

Dravo Corporation: *See*—
Dawson, Albert J., assignor.
Henderson, D., Rush, and Anderson, assignors.

Dray, Sheldon: *See*—
Marisic, M. M., and Dray.

Dray, Walter R., Kendall Township, Kendall County, Ill., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Harvester thresher. 2,377,331; June 5.

Dray, Walter R., Yorkville, Ill. Thresher machine. 2,383,911; Aug. 28.

Drayer & Hanson, Incorporated: *See*—
Clancy, Gilbert E., assignor.

Drda, Alois P., Medina, assignor to The Midland Steel Products Company, Cleveland, Ohio. Metallic arc welding. 2,372,261; Mar. 27.

Drebes, Fred C., assignor to Boynton & Company, Chicago, Ill. Follower for file drawers. 2,367,849; Jan. 23.

Dreger, Emil E., Summit, assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Treating fatty glycerides. 2,383,596; Aug. 28.

Dreger, Emil E., Summit, N. J., and A. C. Bell, Jackson Heights, N. Y., assignors to Colgate-Palmolive-Peet Company, Jersey City, N. J. Detergent bars or cakes. 2,365,614; Sept. 25.

Dreher, George M., Grosse Pointe Woods, Mich. Combustion apparatus. 2,382,301; Aug. 14.

Dreier, Victor G., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,377,926; June 12.

Dreifke, Raymond F., St. Louis, Mo., assignor to Curtiss-Wright Corporation. Landing gear lock. 2,385,063; Sept. 18.

Dreisbach, Robert R., assignor to The Dow Chemical Company, Midland, Mich. Abrasion-resistant synthetic rubber. 2,374,589; Apr. 24.

Dreisbach, Robert R., assignor to The Dow Chemical Company, Midland, Mich. Production of rubberlike copolymers of diolefins and unsaturated ketones. 2,383,782; Aug. 28.

Dreisbach, Robert R., assignor to The Dow Chemical Company, Midland, Mich. Co-polymerization products and making same. 2,385,695; Sept. 25.

Dreisbach, Robert R., assignor to The Dow Chemical Company, Midland, Mich. Manufacture of divinyl-benzene compounds from corresponding ethylated benzene compounds. 2,385,696; Sept. 25.

Dreisbach, Robert R., assignor to The Dow Chemical Company, Midland, Mich. Rubberlike copolymers and making same. 2,386,447; Oct. 9.

Dreisbach, Robert R., assignor to The Dow Chemical Company, Midland, Mich. Production of synthetic rubbers. 2,386,448; Oct. 9.

Dreisbach, Robert R., assignor to The Dow Chemical Company, Midland, Mich. Recovery of rubberlike products from emulsion. 2,386,449; Oct. 9.

Dreisbach, Robert R., and G. B. Heusted, assignors to The Dow Chemical Company, Midland, Mich. Production of unsaturated ketones. 2,380,828; July 31.

Drennan, Harry E.: *See*—
Schulze, W. A., Hillyer, and Drennan.

Drennan, Harry E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Dehydrogenation of hydrocarbons. 2,371,809; Mar. 20.

Drennan, Harry E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Recovery of diolefins. 2,386,200; Oct. 9.

Drennan, Harry E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Polymerization catalyst. 2,387,318; Oct. 23.

Drennan, Harry E., and W. A. Schulze, Bartlesville, Okla., assignors to Phillips Petroleum Company. Treating hydrocarbons. 2,386,300; Oct. 9.

Drescher, Ernest W.: *See*—
Bennett, W. O., Jr., and Drescher.

Drescher, Ernest W., assignor to Hamilton Watch Company, Lancaster, Pa. Watch. 2,372,771; Apr. 3.

Dresser Industries, Inc.: *See*—
Baxter, Ernest W., assignor.
Newell, Frederick T., assignor.

Dresser, Myron A., Mamaroneck, N. Y., assignor to Standard Oil Development Company. Photogrammetry. 2,367,341; Jan. 16.

Dressler, Russell G., and R. E. Vivian, Los Angeles, Calif. Hydrogenation of tall oil. 2,369,446; Feb. 13.

Dressler, Russell G., Nutley, N. J., R. E. Vivian, Los Angeles, Calif., and T. Hasselstrom, Savannah, Ga. Obtaining stable products from tall oil. 2,371,230; Mar. 13.

Drew, John, Hattiesburg, Miss., assignor to Hercules Powder Company, Wilmington, Del. Regeneration of nickel alloy catalysts. 2,388,959; Nov. 13.

Drew, Raymond L., Arlington, N. J., assignor to American Dyewood Company, New York, N. Y. Recovering hematoxylin. 2,369,343; Feb. 13.

Drewitt, James G. N.: *See*—
Dreyfus, H., and Drewitt.

Drewitt, James G. N., London, W. 1, assignor to British Celanese Limited, London, England. Oxidation of organic compounds. 2,389,187; Nov. 20.

Dreyer, John F., Cincinnati, Ohio, assignor to The Formica Insulation Company. Fluorescent sulphide pigment composition. 2,385,615; Sept. 25.

Dreyfus, Camille, New York, N. Y. Textile process. 2,366,241; Jan. 2.

Dreyfus, Henry, London, England, assignor to Celanese Corporation of America. Extruding fused thermoplastic compositions. 2,370,721; Mar. 6.

Dreyfus, Henry, London, England. Production of cellulose dreivatives. 2,376,422; May 22.
Dreyfus, Henry, London, England, assignor to Celanese Corporation of America. Production of cellulose derivatives. 2,380,157; July 10.
Dreyfus, Henry, London, England, assignor to Celanese Corporation of America. Anthraquinone dyestuffs. 2,381,071; Aug. 14.
Dreyfus, Henry, London, England. Production of ethyl cellulose. 2,381,972; Aug. 14.
Dreyfus, Henry, London, England, assignor to Celanese Corporation of America. Process and apparatus for the production of plastic sheet material. 2,383,047; Aug. 21.
Dreyfus, Henry, London, England, assignor to Celanese Corporation of America. Manufacture of organic compounds. 2,387,723; Oct. 30.
Dreyfus, Henry, London, England, assignor to Celanese Corporation of America. Manufacture of polyhydric alcohols. 2,389,347; Nov. 20.
Dreyfus, Henry, London, D. Finlayson, and W. I. Taylor, Spondon near Derby, England, assignors to Celanese Corporation of America. Light structure. 2,377,846; June 5.
Dreyfus, Henry, and J. G. N. Drewitt; said Drewitt assignor to British Celanese Limited, London, England. Condensation of aldehydes with ketones. 2,378,988; June 26.
Dreyfus, Ludwig, assignor to Allmänna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Electric high-frequency generator. 2,369,287; Feb. 13.
Dreyfuss, Paul D., Hollywood, Calif., assignor to Chronogen, Incorporated. Light sensitive photographic materials. 2,368,647; Feb. 6.
Dreyling, Luella P., South River, N. J. Poultry litter. 2,376,672; May 22.
Dri-Tap Company: *See*—
Sohm, Alfred L., assignor.
Driscoll, Dennis L., South Gate, assignor to L. F. Baasli, Los Angeles, Calif. Liner hanger. 2,373,880; Apr. 17.
Driscoll, Donald J.: *See*—
Burr, J. H., and Driscoll.
Driscoll, James, Plainfield, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Manufacture of fibrocementitious sheets. 2,383,716; Aug. 28.
Driscoll, James, Plainfield, and E. J. Poltorak, Somerville, N. J., assignors to Johns-Manville Corporation, New York, N. Y. Packing. 2,376,039; May 15.
Driscoll, William F.: *See*—
Maloney, William J., assignor.
Driscoe, Alfred E., and W. J. Hogg, assignors to The National Acme Company, Cleveland, Ohio. Stock stop for metalworking machines. 2,381,441; Aug. 7.
Dri-Steam Products, Inc.: *See*—
Wegmann, Adolph J., assignor.
Dritz, Arthur M., Brooklyn, N. Y. Toy bow and arrow. 2,370,783; Mar. 6.
Drnic, Stipan A., Watsonville, Calif. Gripping or cutting tool. 2,384,822; Sept. 18.
Drobish, Adolph E., Oak Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Article handling apparatus. 2,386,545; Oct. 9.
Drobish, Adolph E., Oak Park, and R. A. Kay, Downers Grove, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Device for testing electrical condensers. 2,390,784; Dec. 11.
Dronigke, Erich: *See*—
Schuler, H., Gruttner, and Dronigke.
Droski, Walter J., Grand Rapids, Mich. Safety delivery link slide. 2,385,064; Sept. 18.
Drott, Edward A., and J. H. Kerber, assignors to Hi-Way Service Corporation, Milwaukee, Wis. Industrial truck. 2,387,568; Oct. 23.
Drown, Lyle L., assignor to General Motors Corporation, Detroit, Mich. Nonoverfill device. 2,375,406; May 8.
Drown, William L., Paxton, Mass. Sensing mechanism. 2,367,568; Jan. 16.
Drucker, Albert, assignor to Burke & James, Inc., Chicago, Ill. Film developing reel. 2,369,220; Feb. 13.
Drucker, Samuel, assignor, to Burke & James, Inc., Chicago, Ill. Photographic devices and appurtenances for reproduction purposes. 2,388,394; Nov. 6.
Druey, Jean: *See*—
Hartmann, M., and Druey.
Hartmann, M., Cuenl, Druey, and von Meyenburg.
Drum, Elmer E., Manitowoc, Wis. Electric lantern. 2,380,637; July 31.
Drum, Harry S., Abington, and A. Hopkins, assignors to Smith, Drum and Company, Philadelphia, Pa. Apparatus for processing wool and fibrous material. 2,368,916; Feb. 6.
Drumm, Elmer E., Manitowoc, Wis. Electric lantern. 2,380,636; July 31.
Drummond, Folsom E., Dayton, assignor to The Monarch Machine Tool Company, Sidney, Ohio. Flame hardening torch. 2,378,001; June 12.
Drummond, Folsom E., Meruchen, N. J., assignor to New Wrinkle, Inc., Wilmington, Del. Producing rapid drying coating compositions. 2,381,653; Aug. 7.
Drummond, Folsom E., and W. A. Waldle, assignors to New Wrinkle, Inc., Dayton, Ohio. Wrinkle finish drying compositions. 2,373,177; Apr. 10.
Drummond, Folsom E., Metuchen, N. J., and D. E. Bench, Dayton, Ohio, assignors to The Himmel Brothers Company, Hamdon, Conn. Electrolytic apparatus. 2,378,002; June 12.
Drummond, Robert S., Detroit, Mich. Herringbone gear finishing. 2,380,224; July 10.
Drury, Thomas W., Sturgis, assignor to H. A. Douglas Mfg. Co., Bronson, Mich. Junction block. 2,384,287; Sept. 4.
Dry, John D., New York, N. Y. Hospital bed. 2,369,447; Feb. 13.
Dryer, Charles G., assignor to Universal Oil Products Company, Chicago, Ill. Isomerization of paraffins. 2,391,399; Dec. 25.
Drying & Concentrating Company: *See*—
Hull, Joseph M., assignor.
Drysdale, Bob, Sunnyvale, Calif. Charge forming device. 2,386,388; Oct. 9.
Duane, John P., Wilmington, Del. Depilatory article of wearing apparel. 2,372,664; Apr. 3.
Dubassoff, Dmitri T., New York, N. Y. Structural beam. 2,380,953; Aug. 7.
Dubay, Frank X., Minneapolis, Minn. Fur cleaning apparatus. 2,384,458; Sept. 11.
Dubeau, Archie L.: *See*—
Vincent, G. P., and Dubeau.
Vincent, G. P., Dubeau, and Synam.
Dubeau, Archie L., Rumford, R. I., and J. D. MacMahon, Niagara Falls, and G. P. Vincent, Poughkeepsie, assignors to The Mathieson Alkali Works, Inc., New York, N. Y. Rayon bleaching and scouring treatment. 2,373,881; Apr. 17.
Dubled, Edouard, & Cie Societe Anonyme: *See*—
Diem, Hans, assignor.
Dubilier, William, New Rochelle, N. Y., assignor to Cornell-Dubilier Electric Corporation, South Plainfield, N. J. Terminal construction. 2,374,084; Apr. 17.
Dubitsky, Jack: *See*—
Schutz, N. R., and Dubitsky.
Dubner, Harry J., Forest Hills, N. Y. Foundation garment. 2,381,442; Aug. 7.
Du Bois, Arthur E.: *See*—
Sydenham, H. G., Clowe, and Du Bois.
Du Bois, Joseph E., assignor of one-fifth to V. I. Du Bois, Detroit, Mich., one-fifth to L. T. Holzworth, North Tonawanda, one-fifth to R. C. Sterne, one-fifth to E. Silbert, and one-fifth to F. E. Taylor, Buffalo, N. Y. Eyeshield. 2,368,750; Feb. 6.
Du Bois, Virginia L., et al.: *See*—
Du Bois, Joseph E., assignor.
Du Bose, George P.: *See*—
Lea, H. V., Schmidt, and du Bose.
Du Bose, George P., et al.: *See*—
Lea, H. V., and Schmidt, assignors.
Du Brie, Stanley R., Ann Arbor, Mich. Furnace. 2,385,065; Sept. 18.
Dubsky, John R., Chicago, Ill., assignor to Carnegie-Illinois Steel Corporation. Electrode cooler for electric arc furnaces. 2,389,033; Nov. 13.
Du Charme, William S., Lakewood, assignor to Superior Valve Manufacturing Company, Cleveland, Ohio. Valve. 2,368,206; Jan. 30.
Du Charme, William S., Lakewood, assignor to Superior Valve Manufacturing Company, Cleveland, Ohio. Faucet. 2,375,980; May 15.
Duchaussoy, Camille, Charenton, France; vested in the Alien Property Custodian. Mechanism for transmitting motion. 2,376,673; May 22.
Duckio, Robert L., assignor, by mesne assignments, to Benjamin W. Freeman, Cincinnati, Ohio. Die. 2,367,400; Jan. 16.
Duckoff, Maxwell E., Manchester, N. H. Shoe binding. 2,377,216; May 29.
Duclos, Aeneas J. N., South Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Method of and apparatus for charging extrusion presses. 2,368,751; Feb. 6.
Dudley, Adolphus M., Oakmont, assignor to Westinghouse Electric Corporation, Pittsburgh, Pa. Electric vibration generator. 2,384,987; Sept. 18.
Dudley, Harry J.: *See*—
Fox, A., and Dudley.
Dudley, J. K., Philadelphia, Pa. Shuttle. 2,381,042; Aug. 7.
Dudley, John K., Philadelphia, Pa. Warp regulator. 2,370,022; Feb. 20.
Dudley, John L., et al.: *See*—
Hauer, William J., assignor.
Duell, Charles H., Sharpsburg, Pa. Dispensing container. 2,378,003; June 12.
Duell, Edith B., Sharpsburg, Pa. Dispensing container. 2,378,004; June 12.
Duerkob, Manfred F., St. Louis, Mo., assignor to McGraw Electric Company, Elgin, Ill. Protector for electric circuits. 2,386,094; Oct. 2.
Duesel, Bernard F.: *See*—
Tisza, E. T., Duesel, and Oroshnik.
Dueweke, Florian G., Detroit, Mich. Awning. 2,380,928; Aug. 7.
Dufay-Chromex Limited: *See*—
Gluck, Bruno, assignor.
Duff, Robert H.: *See*—
Lamb, E. P., and Duff

Duff, T H, Plainview, Tex. Liquefied hydrocarbon gas storage and dispensing system. 2,371,231; Mar. 13.
Duffield, Norman H., and C. F. Jackson, assignors to Reynolds Spring Company, Jackson, Mich. Fire hose safety bracket. 2,371,959; Mar. 20.
Duffield, William A., Windsor, Ontario, assignor to Windfields Limited, Montreal, Quebec, Canada. Variable-speed transmission. 2,373,234; Apr. 10.
Duffin, Walter M.: *See*—
Brownlee, G., and Duffin.
Duffy, Charles H.: *See*—
Woogd, M., Caddy, and Duffy.
Duffy, Charles H., Washington, D. C. Mechanical movement. 2,373,107; Apr. 10.
Duffy Manufacturing Company: *See*—
Boersma, Reemer A., assignor.
Dugas, Joseph J., assignor to Higgins Industries, Inc., New Orleans, La. Transmission device. 2,389,490; Nov. 20.
Duggan, James E., Birmingham, Mich. Nut structure. 2,372,888; Apr. 3.
Duggan, James E., Birmingham, Mich. Self-locking nut structure. 2,372,889; Apr. 3.
Duggan, James E., Birmingham, Mich. Mask structure. 2,388,835; Nov. 13.
Duggan, James J., Charleston, W. Va. Combined flame arrester and vent valve. 2,388,395; Nov. 6.
Duis, Troy F., Streator, Ill. Receptacle and carrier. 2,368,752; Feb. 6.
Duke, Earl H., and J. L. Wait, Jr., Houston, Tex. Mechanism for accelerating the wheels of the landing gear of an airplane. 2,386,301; Oct. 9.
Duke, James B.: *See*—
Schilling, K. F., Cole, Duke, and Houston.
Duke, Sam, Chicago, Ill. Invalid walker. 2,374,182; Apr. 24.
Duke, Sam, Chicago, Ill. Folding table. 2,374,670; May 1.
Duke, Sam, Chicago, Ill. Folding wheel chair. 2,379,566; July 3.
Dukehart, Morton McI., Jr., New Rochelle, assignor to Continental Can Company, Inc., New York, N. Y. Dispensing container for sterile compresses. 2,391,301; Dec. 18.
Du Laney, George W., Camden, N. J. Wall construction. 2,387,431; Oct. 23.
Du Laney, George W., Camden, N. J. Structural wall section. 2,387,432; Oct. 23.
Dulken, Charles F.: *See*—
Kresse, H. E., and Dulken.
Dulken, Charles F., and H. E. Kresse, Arlington, N. J. Apparatus for treating thread. 2,368,648; Feb. 6.
Dulmage, Frederick C., Jr., and T. A. Kauppi, assignors to The Dow Chemical Company, Midland, Mich. Laminar structure. 2,378,291; June 12.
Du Mais, Leo J.: *See*—
Heck, J. T. and Du Mais.
Du Mais, Leo J., assignor to Da-Lite Screen Company, Inc., Chicago, Ill. Portable picture screen. 2,370,235; Feb. 27.
Du Mais, Leo J., assignor to Da-Lite Screen Company, Inc., Chicago, Ill. Camera support. 2,370,611; Feb. 27.
Dumaw, Everett J., Pentwater, Mich. Ventilating window sash. 2,384,240; Sept. 4.
Dumelin, Charles, Detroit, Mich. Ankle coupling for artificial feet. 2,368,917; Feb. 6.
Dummett, William M.: *See*—
York, H. H., and Dummett.
Du Mont, Allen B., Laboratories, Inc.: *See*—
Beste, Harold E., assignor.
Campbell, Richard L., assignor.
Goldsmith, Thomas T., Jr., assignor.
Kessler, Robert E., assignor.
Koch, S. J., and Robillard, assignors.
Koch, S. J., and Rutherford, assignors.
Rutherford, Robert E., assignor.
Stanier, Andrew F., assignor.
Dumore Company, The: *See*—
Bluemink, G. G., and Nelson, assignors.
Nelson, J. H., and Servis, assignors.
Duncan, Abner D., Ponca City, Okla. Livestock feeding apparatus. 2,384,900; Sept. 18.
Duncan Electric Manufacturing Company: *See*—
Road, Richard A., assignor.
Duncan, Gordon W., Scotch Plains, N. J., assignor to Standard Oil Development Company. Slushing oil compositions. 2,382,699; Aug. 14.
Duncan, Walter E., Rosiclare, Ill., assignor to Mahoning Mining Company, Youngstown, Ohio. Reducing barite in fluorspar concentrate. 2,381,120; Aug. 7.
Duncan, William M., Alton, Ill. Stoker link and making the same. 2,370,236; Feb. 27.
Duncombe, George H., Jr.: *See*—
Austin, C. R., and Duncombe.
Dunham, Charles E., Los Angeles, Calif. Razor rack. 2,390,060; Dec. 4.
Dunham Company, The: *See*—
Kraus, Raymond M., assignor.
McVicar, Harold R., assignor.
Dunham, Elmer J., Battle Creek, assignor to Clark Equipment Company, Buchanan, Mich. Industrial truck. 2,368,121; Jan. 30.
Dunham, Elmer J., Battle Creek, assignor to Clark Equipment Company, Buchanan, Mich. Industrial truck. 2,368,122; Jan. 30.
Dunham, Elmer J., and K. E. Mulvany, Battle Creek, assignors to Clark Equipment Company, Buchanan, Mich. Industrial truck. 2,381,729; Aug. 7.
Dunham, George S., Merion, Pa., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Conversion of hydrocarbons. 2,374,338; Apr. 24.
Dunham, George S., Merion, Pa., assignor to Socony-Vacuum Oil Company, Incorporated. Method and apparatus for catalytic hydrocarbon conversion. 2,386,846; Oct. 16.
Dunham, George W., Westport, Conn., assignor to General Electric Company. Washing machine control. 2,374,590; Apr. 24.
Dunham, George W., Westport, Conn., assignor to General Electric Company. Washing machine. 2,380,732; July 31.
Dunham, George W., Westport, Conn., assignor to General Electric Company. Washing machine. 2,383,783; Aug. 28.
Dunham, Le Roy S., East Orange, and H. M. Teague, Bloomfield, assignors to Thomas A. Edison, Incorporated, West Orange, N. J. Primary battery. 2,390,574; Dec. 11.
Dunipace, Donald W., Perrysburg, assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Transparent closure. 2,375,352; May 8.
Dunlap, Charles K., and L. B. Stogner, Hartsville, S. C., assignors to Sonoco Products Company. Cone marking machine and method. 2,387,248; Oct. 23.
Dunlap, Kermit S., Summit, G. A. Kelsall, Belleville, C. A. Lovell, Summit, N. J., and R. F. Mallina, Hastings on Hudson, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Alternating current generator. 2,376,131; May 15.
Dunlap, Lawrence H., assignor to Armstrong Cork Company, Lancaster, Pa. Linoleum compositions. 2,382,212; Aug. 14.
Dunlap, Lawrence H., assignor to Armstrong Cork Company, Lancaster, Pa. Copolymerization of drying oils, and vinyl compounds. 2,382,213; Aug. 14.
Dunlap, Ralph I., and R. J. Schatz, Springfield, Mass., assignors to Monsanto Chemical Company, St. Louis, Mo. Abrasive articles. 2,389,491; Nov. 20.
Dunlay, Edward E.: *See*—
Franklin, L. U., and Dunlay.
Dunleavy, William J., East Douglas, assignor to Whitin Machine Works, Whitinsville, Mass. Clearer for roving or spinning frames. 2,382,214; Aug. 14.
Dunlop Rubber Company Limited: *See*—
Blanco, J. R., Neale, and Twiss, assignors.
Trevaskis, Henry, assignor.
Dunn, Clarence L.: *See*—
Pierotti, G. J., and Dunn.
Dunn, Ervin M., and J. C. Baucom, Concord, N. C. Knock-off motion for drawing machines. 2,384,417; Sept. 4.
Dunn, Floyd S., Greensburg, Mo. Hay stacker and loader. 2,367,932; Jan. 23.
Dunn, George E., assignor to Universal Products Company Incorporated, Dearborn, Mich. Universal joint. 2,370,023; Feb. 20.
Dunn, George E., assignor to Universal Products Company, Incorporated, Dearborn, Mich. Universal joint. 2,377,408; June 5.
Dunn, Guy A., Oakland, assignor to California Packing Corporation, San Francisco, Calif. Pear peeler stemming tube brake assembly. 2,380,954; Aug. 7.
Dunn, Joseph G., Arlington, Va. Quick releasing tricing block. 2,370,151; Feb. 27.
Dunn, Paul A., Jr., Kenmore, N. Y. Apparatus for jacking airplanes or the like. 2,369,545; Feb. 13.
Dunn, Roland H.: *See*—
McWhirter, E. M. S., and Dunn.
McWhirter, E. M. S., Dunn, Chambers, and Warden.
Dunn, Thomas H., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Drilling mud. 2,391,622; Dec. 25.
Dunn, William C.: *See*—
Denneen, F. S., and Dunn.
Dunn, William J., Lake Charles, La. Flushing apparatus. 2,388,836; Nov. 13.
Dunn, William M., San Bernardino, Calif. Venetian blind. 2,374,591; Apr. 24.
Dunn, William T.: *See*—
Iavelli, Teno, and Dunn.
Neracher, C. A., and Dunn.
Neracher, C. A., Dunn, Iavelli, and Syrovy.
Dunning, Albert W.: *See*—
Warren, George E., assignor.
Dunning, Leon M.: *See*—
Smith, R. H., Miller, and Dunning.
Dunning, Mac W., Dallas, Tex. Prism telescope. 2,375,634; May 8.
Dunsheath, Percy, Abinger, assignor to W. T. Henley's Telegraph Works Company Limited, Westcott, Dorking, England. Method and apparatus for the continuous production of paper strips. 2,369,221; Feb. 13.
Dunstan, Lyle A., Portland, Oreg. Printing point indicator. 2,372,317; Mar. 27.
Dunton, Charles H., Berkeley, Calif. Transformer. 2,388,473; Nov. 6.
Dunwoody Automatic Gun and Projectile Company: *See*—
Penney, Harold D., assignor.

Duplessis, René E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine for shaping shoe uppers. 2,379,425; July 3.

Duplessis, René E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine for shaping shoe uppers. 2,385,336; Sept. 25.

Du Pont, E. I., de Nemours & Company: *See*—
Acken, M. F., and Cavanaugh, assignors.
Acken, M. F., and Filbert, assignors.
Acken, M. F., and Olsen, assignors.
Acken, M. F., and Vyverberg, assignors.
Agre, Courtland L., assignor.
Agre, Courtland Le V., assignor.
Agre, C. L., and Leekley, assignors.
Alderson, Witty L., Jr., assignor.
Alles, Francis P., assignor.
Arnold, H. W., and Dorough, assignors.
Arnold, Melvin R., assignor.
Austin, Paul R., assignor.
Bake, Louis S., assignor.
Balthis, Joseph H., assignor.
Barnes, Carl E., assignor.
Bartlett, Edward P., assignor.
Balassa, Ladislaus, assignor.
Ballard, Kermit H., assignor.
Batchelder, G. W., Featherer, and Hughes, assignors.
Beard, Earl E., assignor.
Beaton, Daniel H., assignor.
Black, Crayton K., assignor.
Bolton, Elmer K., assignor.
Bordner, Charles A., assignor.
Braun, Ernest J., assignor.
Brooks, R. E., Peterson, and Weber, assignors.
Brown, R. G., and Roberts, assignors.
Brubaker, Merlin M., assignor.
Burke, William J., assignor.
Burke, W. J., and Hoover, assignors.
Burke, W. J., and Wernts, assignors.
Burrows, Lawton A., assignor.
Burrows, L. A., Holmes, and Spaeth, assignors.
Buxbaum, Edwin C., assignor.
Calcott, W. S., and Starkweather, assignors.
Calcott, W. S., Waddell, and Rosenberg, assignors.
Carlson, Harrison C., assignor.
Carr, Clifford E., assignor.
Carter, Albert S., assignor.
Carter, A. S., and Johnson, assignors.
Carter, A. S., and Webber, assignors.
Carter, A. S., and Willett, assignors.
Cass, Oliver W., assignor.
Cass, O. W., and Bordner, assignors.
Castner, James B., assignor.
Castner, J. B., and Lawson, assignors.
Chambers, F. S., Jr., and Woodbury, assignors.
Chapman, F. F., Johnson, and Loving, assignors.
Chenoweth, O. E., and Lewis, assignors.
Christ, Robert E., assignor.
Coes, Loring, Jr., assignor.
Coffman, Donald D., assignor.
Coffman, D. D., and Alderson, assignors.
Coffman, D. D., and Stevenson, assignors.
Coffman, R. T., and Marks, assignors.
Coghill, Philip S., assignor.
Coleman, Clarence E., assignor.
Conaway, Rollin F., assignor.
Coolidge, C., and Reese, assignors.
Coopey, Walter, assignor.
Cornthwaite, W. R., and Scott, assignors.
Cramer, Francis B., assignor.
Cupery, Martin E., assignor.
Davis, Clyde O., assignor.
Davis, C. O., and Kirst, assignors.
Dawson, George A., assignor.
Denny, Victor L., Jr., assignor.
Denison, M. C., and Wassom, assignors.
Denoon, Clarence E., Jr., assignor.
Desetti, G. E., Dew, Mackey, and Woodbridge, assignors.
Dettwyler, William, assignor.
Dettwyler, W., and Stillmar, assignors.
Deyrup, Alden J., assignor.
Deyrup, A. J., and Ballard, assignors.
Deyrup, A. J., Ballard, and Strickarz, assignors.
Dietrich, Melvin A., assignor.
Dittmar, Harry R., assignor.
Dorough, George L., assignor.
Dorough, G. L., and McQueen, assignors.
Downing, F. B., and Fitch, assignors.
Downing, F. B., and Pedersen, assignors.
Edgar, D. E., and Sullivan, assignors.
Etzel, Gastao, assignor.
Evans, P. B., and Scott, assignors.
Farlow, Mark W., assignor.
Farlow, M. W., and Whitman, assignors.
Fields, Reuben T., assignor.
Fielitz, F. J., and Marks, assignors.
Fisher, N. G., and Wiley, assignors.
Flenner, A. L., and Kaufert, assignors.
Fogg, Robert E., assignor.
Fontana, M. G., Kidder, and Kraus, assignors.
Fothergill, Robert E., assignor.
Fox, Arthur L., assignor.
Fox, A. L., and Johnson, assignors.
Gilbert, Harvey N., assignor.

Du Pont, E. I., de Nemours & Company: *See*—Continued
Gocher, W. S., Jennings, and Langkammerer, assignors.
Graham, Donald P., assignor.
Gralow, Bruce B., assignor.
Gray, Hugh W., assignor.
Green, Howard D., assignor.
Greenewalt, Crawford H., assignor.
Gresham, William F., assignor.
Gubelmann, Ivan, assignor.
Guy, Hubert G., assignor.
Hamill, W. H., and Vogt, assignors.
Hamilton, Lyle A., assignor.
Handforth, S. L., and Johnson, assignors.
Hanford, William E., assignor.
Hanford, W. E., and Roland, assignors.
Hanford, W. E., Roland, and Young, assignors.
Hansley, Virgil L., assignor.
Hansley, V. L., and Bristol, assignors.
Harbaugh, Max L., assignor.
Harford, Edward F., assignor.
Harmon, Jesse, assignor.
Harmon, J., and Mighton, assignors.
Harrington, Charles J., assignor.
Hawkinson, A. T., and Elston, assignors.
Hayes, Paul J., assignor.
Heintz, W. P., and Zillessen, assignors.
Hemming, Charles B., assignor.
Henke, Clyde O., assignor.
Henne, Albert L., assignor.
Hennion, G. F., and Toussaint, assignors.
Hetherington, Harry C., assignor.
Hilberg, Frank C., assignor.
Hill, D. P., and Peirce, assignors.
Hoffman, Raymond A., assignor.
Hoffman, Robert M., assignor.
Hoffman, W. A., and Schreiber, assignors.
Holbrook, G. E., and Kaufert, assignors.
Holmen, R. E., and McGlone, assignors.
Holmes, Harrison H., assignor.
Hoover, F. W., and Vaala, assignors.
Houtz, Ray C., assignor.
Howell, Edward T., assignor.
Hubbuch, L. P., and Robinson.
Hull, Donald R., assignor.
Hull, Richard O., assignor.
Hunt, Madison, assignor.
Hurt, D. M., and Rohrmann, assignors.
Hyden, W. L., and Mitchell, assignors.
Iler, Ralph K., assignor.
Iler, R. K., and McAdam, assignors.
Jennings, Andrew B., assignor.
Johnson, Aaron D., assignor.
Johnson, Charles R., assignor.
Johnson, Charles W., assignor.
Johnson, C. R., and Nydegger.
Joyce, Robert M., Jr., assignor.
Keller, Edwin H., assignor.
Kharasch, Morris S., assignor.
Kingerley, Richard W., Jr., assignor.
Kirby, James E., assignor.
Kirby, J. E., and Lonts, assignors.
Kirby, J. E., and Woodward, assignors.
Kirk, Joseph S., assignor.
Kirkpatrick, Edward C., assignor.
Klein, David X., assignor.
Knake, Max C., assignor.
Knox, James J., assignor.
Korb, E. L., and Sabina, assignors.
Krase, Norman W., assignor.
Kraus, Philip B., assignor.
Kvalnes, Donovan E., assignor.
Kvalnes, D. E., and Carson, assignors.
Latham, George H., assignor.
Latour, Theodore R., assignor.
Lazier, Wilbur A., assignor.
Lazier, W. A., and Whitman, assignors.
Leary, Richard E., assignor.
Leary, R. E., and Marks, assignors.
Littler, Clarence A., assignor.
Llewellyn, Walter E., assignor.
Loder, Donald J., assignor.
Loder, D. J., and Bruner, assignors.
Loder, D. J., and Gresham, assignors.
Lulek, R. N., and Johnson, assignors.
Lundquist, William E., assignor.
Lyon, Robert C., assignor.
Macht, Maurice L., and Renfrew, assignors.
Mark, H. F., and Siggia, assignors.
Marks, Barnard M., assignor.
Marks, B. M., and Ranck, assignors.
Martin, Elmore L., assignor.
Maxwell, Robert W., assignor.
McAdam, Francis J., assignor.
McAlevy, A., Strain, and Chance, assignors.
McBerty, Ford H., assignor.
McComb, James R., assignor.
McCrosky, Robert D., assignor.
McKinney, Robert M., assignor.
McQueen, David M., assignor.
Mehler, Albert J., Jr., assignor.
Meunier, Paul L., assignor.
Mighton, C. J., assignor.
Miller, Charles F., assignor.

Du Pont, E. I., de Nemours & Company: *See*—Continued
Miller, H. C., and Schreiber, assignors.
Mitchell, J. A., and Lanning, assignors.
Morgan, Paul W., assignor.
Mummery, Lester R., assignor.
Murray, Otis W., assignor.
Neal, A. M., and Vincent, assignors.
Nebel, Walter, assignor.
Noble, Max V., assignor.
Olsen, Christian E., assignor.
Parker, Joseph L., assignor.
Patterson, G. D., and Sloan, assignors.
Peters, Franklin T., assignor.
Pedersen, Charles J., assignor.
Pedersen, C. J., and Bender, assignors.
Peppel, William J., assignor.
Peterson, James H., assignor.
Peterson, Merlin D., assignor.
Peterson, Oscar, assignor.
Pilcher, William S., assignor.
Pinkey, P. S., and Stevenson, assignors.
Pitman, Earle C., assignor.
Preston, Paul F., assignor.
Prichard, William W., assignor.
Reichert, J. S., McNeight, and Elston, assignors.
Reynolds, W. B., Rossander, and Kvalines, assignors.
Richardson, Hubert O., assignor.
Robinson, John W., assignor.
Rogers, Arthur O., assignor.
Roland, John R., assignor.
Rosenberg, Hans R., assignor.
Rosenberg, H. R., and Turnbull, assignors.
Rothrock, Henry S., assignor.
Salisbury, Le Roy F., assignor.
Salzberg, P. L., and Werntz, assignors.
Sauer, John C., assignor.
Scheiderbauer, Robert A., assignor.
Schmitz, William R., Jr., assignor.
Schweitzer, Carl E., assignor.
Seidel, George R., assignor.
Shannon, Olyn W., assignor.
Smith, Albert F., assignor.
Smith, A. F., and Stevenson, assignors.
Smith, Joseph E., assignor.
Spangel, Edgar W., assignor.
Sparks, Chiles E., assignor.
Stark, Henry M., assignor.
Starkweather, Howard W., assignor.
Starkweather, H. W., and Wilder, assignors.
Sveda, Michael, assignor.
Swalheim, Donald A., assignor.
Taylor, Guy B., assignor.
Teahan, Charles J., assignor.
Terry, Daniel H., assignor.
Theobald, Clement W., assignor.
Thomas, John C., assignor.
Trepagnier, Joseph H., assignor.
Turnbull, Stockton G., Jr., assignor.
Vaala, Gordon T., assignor.
Vaala, G. T., and Carlin, assignors.
Vana, Charles A., assignor.
Vincent, John R., assignor.
Waddell, Myron C., assignor.
Wahl, Milton H., assignor.
Waldron, W. R., and Franklin, assignors.
Walker, Herbert W., assignor.
Walker, Joseph F., assignor.
Wanderer, Frederick W., assignor.
Watkins, William W., assignor.
Weber, A. G., and Peterson, assignors.
Weber, John R., assignor.
Weinmayr, Viktor, assignor.
Wende, Charles W. J., assignor.
Wentz, William M., assignor.
Whitman, Gerald M., assignor.
Wiley, Richard H., assignor.
Williams, William W., assignor.
Wilson, Cyril D., assignor.
Wirth, W. V., and Vaughen, assignors.
Wood, R. C., and Young, assignors.
Woodhouse, J. C., and Walker, assignors.
Woodward, Harold E., assignor.
Youker, Mortimer A., assignor.
Young, James H., assignor.
Zinner, Daniel, assignor.
Zolad, John J., assignor.

Du Pont, Eleuthere P., Montchanin, Del., and S. du Pont, Wilbraham, assignors to Indian Motocycle Company, Springfield, Mass. Liquid level gauge for tanks. 2,368,705; Feb. 6.

Dupont, Emile, Antibes, France; vested in the Alien Property Custodian. Turbine. 2,374,671; May 1.

Du Pont, Louis C.: *See*—
Cartledge, William J., assignor.

Du Pont, Stephen: *See*—
Du Pont, Eleuthere P. and S

Duport, Jacques, assignor to Durand & Huguenin S. A., Basel, Switzerland. Printing composition. 2,372,370; Mar. 27.

Dupuis, Ervin F., Detroit, Mich., assignor to Borg-Warner Corporation, Chicago, Ill. Oven burner lighter. 2,381,152; Aug. 7.

Dupuy, Charles F. J., Mahwah, N. J., assignor to O-Cedar Corp'n, Chicago, Ill. Vaporizing device. 2,383,960; Sept. 4.

Durametallic Corporation: *See*—
Curry, Paul N., assignor.

Durand & Huguenin A. G.: *See*—
Ratti, R., and Brandt, assignors.

Durand & Huguenin S. A.: *See*—
De Neiderhäusern, Georges, assignor.
Duport, Jacques, assignor.

Durand, Marcel P.: *See*—
Courcy, G., and Durand.

Durand, Milo A., Jackson Heights, N. Y., assignor to C. P. Goerz American Optical Company. Photographic lens. 2,383,115; Aug. 21.

D'Urbano, Luis, Buenos Aires, Argentina. Device adapted for detachably coupling to eyeglasses for protecting the lenses. 2,380,638; July 31.

Durdin, Augustus C., Jr., Lincolnwood, Ill. Centrifugal cutting pump. 2,371,681; Mar. 20.

Durdin, Augustus C., III, Niles Center, Ill. Sewage treatment. 2,378,756; June 19.

Durdin, Augustus C., III, Skokie, Ill. Comminuting method and apparatus. 2,378,757; June 19.

Durdin, Augustus C., III, Skokie, Ill. Sewage treating apparatus. 2,381,579; Aug. 7.

Durham, Hobart N., Munsey Park, and P. M. Carter, Yonkers, N. Y. Portable grease gun. 2,366,845; Jan. 9.

Duriron Company, Inc., The: *See*—
Jacobsen, Oystein, assignor.

Durite Plastics, Incorporated: *See*—
Novotny, Emil E., assignor.

Durkin, Eric W., Chiselhurst, assignor to Siemens Brothers & Co., Limited, London, England. Electric signaling system. 2,377,544; June 5.

Durkin, William C., Niagara Falls, N. Y. Checkboard for games. 2,382,005; Aug. 14.

Durning, James P., St. Albans, N. Y., assignor to International Cigar Machinery Company. Cigar header mechanism. 2,369,777; Feb. 20.

Durning, James P., St. Albans, N. Y., assignor to International Cigar Machinery Company. Tobacco cutting mechanism. 2,378,133; June 12.

Durning, James P., St. Albans, N. Y., assignor to International Cigar Machinery Company. Hopper construction. 2,380,733; July 31.

Duro Persian Manufacturing Co., Inc.: *See*—
Unger, Abraham, assignor.

Du Rose, Arthur H., Euclid, and C. F. Robison, Bay Village, assignors to The Harshaw Chemical Company, Elyria, Ohio. Preparation of red copper oxide. 2,385,066; Sept. 18.

Durrenmatt, Hans K., Marysville, Ohio, and Jean de Schoulepnikow, Glenbrook, Conn., assignors to Inredeco, Inc., Panama City, Panama. Preparing a cocoa extract. 2,380,158; July 10.

Durso, John P., Rochester, N. Y. Simulated patch pocket. 2,389,721; Nov. 27.

Durst, George, assignor to Metals & Controls Corporation, Attleboro, Mass. Silver solder. 2,374,183; Apr. 24.

Durst, Max, Philadelphia, Pa. Faucet attachment. 2,380,687; July 31.

Durst, Robert F.: *See*—
Harvey, M. T., and Durst.

Duryea, David G.: *See*—
Kreuter, B., and Duryea.

Dusevoir, Julius, assignor to Century Motors Corporation, Dearborn, Mich. Machining curved serrations in flat surfaces. 2,367,850; Jan. 23.

Dusevoir, Julius, assignor to Century Motors Corporation, Dearborn, Mich. Crankshaft. 2,380,099; July 10.

Dusevoir, Julius, assignor to Century Motors Corporation, Dearborn, Mich. Internal-combustion engine. 2,382,006; Aug. 14.

Dustan, Frank, Fitchburg, Mass., assignor, by mesne assignments, to National Lead Company, New York, N. Y. Diaphragm pulsating apparatus for paper mill and pulp mill screens. 2,368,291; Jan. 30.

Dustin, Howard M., Berkeley, Calif., assignor to Marchant Calculating Machine Company. Calculating machine. 2,378,472; June 19.

Dustin, Howard M., and H. T. Avery, Oakland, Calif., assignor to Marchant Calculating Machine Company. Automatic normalizing mechanism for calculating machines. 2,377,767; June 5.

Dustin, Ralph C., Claremont, N. H., assignor to Sullivan Machinery Company. Pump control system. 2,389,348; Nov. 20.

Dutch, Alexander: *See*—
Zaffo, G. J., and Dutch.

Dutcher, Harris A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Production of acrylonitrile. 2,370,849; Mar. 6.

Dutton-Lainson Company: *See*—
Lainson, H., and Semotan, assignors.

Duval, Jean G. L., Saint-Cyr-sur-Mer, France, assignor to Olaer Patent Company, New York, N. Y. Device for the protection against the formation of ice. 2,369,886; Feb. 20.

Duval, Richard H.: *See*—
Irwin, E. M., Lewis, Duval, Rule, and Chenoweth.

Dvorak, William C.: *See*—
Dorrell, Robert F., assignor.

Dvornikoff, Michael N., assignor to Monsanto Chemical Company, St. Louis, Mo. Producing 2-aminopyrimidines. 2,391,822; Dec. 25.
Dvornikoff, Michael N., St. Louis, Mo., and G. E. Taylor, Anniston, Ala., assignors to Monsanto Chemical Company, St. Louis, Mo. Sulphuryl chloride production. 2,377,217; May 29.
Dwight & Lloyd Sintering Company, Inc.: *See*—
Lloyd, Thorne E., assignor.
Dwyer, Donagh P.: *See*—
Simmons, E. N., and Dwyer.
Dwyer, William S., Devon, Conn., assignor to The Bullard Company. Machine tool. 2,369,546; Feb. 13.
Dyas, Clair S., Pearl River, assignor to Lederle Laboratories, Inc., New York, N. Y. Stabilized solutions of ergot alkaloidal salts. 2,390,575; Dec. 11.
Dye, Glen M., Minneapolis, Minn. Machine for making prints. 2,384,019; Sept. 4.
Dye, Glen M., Minneapolis, Minn. Print making machine. 2,388,837; Nov. 13.
Dye, James H., Bainbridge, Ga. Turnbuckle wrench. 2,389,248; Nov. 20.
Dyer, Fredrick: *See*—
Bennett, G. L., and Dyer.
Dyer, John B., assignor to General Motors Corporation, Dayton, Ohio. Domestic appliance. 2,375,635; May 8.
Dyer, Lloyd W., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,370,024; Feb. 20.
Dyer, Lloyd W., Wilkinsburg, and H. D. Dorfman, Forest Hills, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit Breaker. 2,376,759; May 22.
Dyer, Ralph A., Jr., Hampden, Maine. Child's swing. 2,371,384; Mar. 13.
Dyrr, Jacob V., Bell, Calif., assignor to International Harvester Company. Release means. 2,369,725; Feb. 20.
Dyrr, Jacob V., Bell, Calif., assignor to International Harvester Company. Harrow. 2,380,298; July 10.
Dysart, Birney, Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Automatic line testing and switching circuits. 2,379,069; June 26.
Dysart, William L., and A. L. Adkins, Lebanon, Ohio. Tool head lock. 2,368,976; Feb. 6.
Dyson, James, Rugby, England, assignor to General Electric Company. Protective circuit for rectifiers. 2,371,035; Mar. 6.
Dythe, M.: *See*—
Johnson, Anton E., assignor.
E. A. Laboratories, Inc.: *See*—
Autfero, John R., assignor.
Meyerhoefer, Carl E., assignor.
E. A. B. Incorporated: *See*—
Adams, H. A., and Eichelberger, assignors.
E. C. D. Limited: *See*—
Evans, David J., assignor.
Eads, Howard A.: *See*—
McGarry, J. T., and Eads.
Eager, Frederick Z., et al.: *See*—
Dowling, Dudley R., assignor.
Eagle, John H., assignor to Eastman Kodak Company, Rochester, N. Y. Eyepiece filter and diaphragm control. 2,371,744; Mar. 20.
Eagle, John H., H. W. Dirksen, and W. D. Orser, assignors to Eastman Kodak Company, Rochester, N. Y. Sighting device. 2,374,475; Apr. 24.
Eagle Pencil Company: *See*—
Hanle, Benjamin W., assignor.
Eagle-Picher Lead Company, The: *See*—
Chubb, M. F., and Ebert, assignors.
Doan, D. J., and Vaughn, assignors.
Hallows, R. L., and Clearman, assignors.
Hallows, R. L., and Barrett, assignors.
Nordyke, J. S., and Vaughn, assignors.
Eagle, William S., Buffalo, assignor to Allied Chemical & Dye Corporation, New York, N. Y. Azo dyestuffs of the stilbene series. 2,386,847; Oct. 16.
Eagle Woodenware Manufacturing Company, The: *See*—
Fritsch, Frank M. and L. B., assignors.
Eakins, John F., Evanston, assignor, by mesne assignments, to Phonovision Corporation, Chicago, Ill. Coin controlled movie-sound machine. 2,382,470; Aug. 14.
Earl, Robert J.: *See*—
Dahlander, Noël L., assignor.
Earl, Robert J., et al.: *See*—
Margolin, N. G., and Anderson, assignors.
Earle, Ralph H., Wauwatosa, assignor to Line Material Company, Milwaukee, Wis. Lightning arrester and manufacture. 2,374,527; Apr. 24.
Earle, Ralph H., Wauwatosa, and R. H. Amundson, Milwaukee, assignors to Line Material Company, South Milwaukee, Wis. High voltage circuit interrupter. 2,386,886; Oct. 16.
Earle, Theodore, Pacific Palisades, Calif. Method and apparatus for manufacturing grain products. 2,366,711; Jan. 9.
Earp, James F., Detroit, Mich., assignor to The American Paper Bottle Company, Toledo, Ohio. Apparatus for conveying freshly coated containers. 2,382,619; Aug. 14.
Eash, John R., assignor to The Howe Scale Company, Rutland, Vt. Weighing scale. 2,368,010; Jan. 23.
Eason, Clarence M., Waukesha, Wis. Hydraulic stripper for punch presses. 2,378,068; June 12.
Eason, Clarence M., Waukesha, Wis. Hydraulic stripping mechanism. 2,378,069; June 12.
Eason, Sidney L., Charleston, S. C. Roofing or surfacing material. 2,390,697; Dec. 11.
Easterford, William H.: *See*—
Watkins, A. E., and Easterford.
Eastern Tool and Manufacturing Company: *See*—
Brown, John C., assignor.
Elwell, George H., assignor.
Eastin, Maurice R., North Tarrytown, N. J., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis Minn. Temperature control. 2,366,500; Jan. 2.
Eastin, Rollie R., assignor to J. W. Hurley, Detroit, Mich., as trustee. Hydraulic transmission. 2,380,734; July 31.
Eastman, du Bois, and C. Richker, Port Arthur, Tex., assignors, by meane assignments, to The Texas Company, New York, N. Y. Catalytic conversion of hydrocarbon oils. 2,378,292; June 12.
Eastman, Du Bois, and C. Richker, Port Arthur, Tex., assignors to The Texas Company, New York, N. Y. Catalytic conversion of hydrocarbon oils. 2,382,039; Aug. 14.
Eastman, Fred S., Seattle, Wash. Scale compensator. 2,381,268; Aug. 7.
Eastman, Harold, College Point, N. Y. Clamping device. 2,381,340; Aug. 7.
Eastman, Harold, Port Washington, assignor of one-half to G. Laaher, Great Neck, N. Y. Support or brace. 2,389,349; Nov. 20.
Eastman Kodak Company: *See*—
Aklin, George H., assignor.
Allen, C. F. H., and Van Allan, assignors.
Bean, Frederic R., assignor.
Bean, F. R., and Donovan, assignors.
Beguin, A. E., and Swan, assignors.
Bennett, Harold F., assignor.
Brant, J. H., and Hasche, assignors.
Brooker, L. G. S., and Keyes, assignors.
Caldwell, John R., assignor.
Capstaff, John G., and Miller, assignors.
Capstaff, J. G., Nadeau, and Starck, assignors.
Carroll, Burt H., assignor.
Carroll, B. H., and Spence, assignors.
Carter, Rolla N., assignor.
Carver, Emmett K., assignor.
Crabtree, J. I., and Eaton, assignors.
Cundall, Lincoln A., assignor.
Dearing, L. M., and Guell, assignors.
Dickey, J. B., and Byers, assignors.
Dickey, J. B., and Loria, assignors.
Dickey, J. B., and McNally, assignors.
Dickey, J. B., and Normington, assignors.
Dickey, J. B., Towne, and Strain, assignors.
Eagle, John H., assignor.
Eagle, J. H., Dirksen, and Orser, assignors.
Evans, Ralph M., assignor.
Evans, R. M., and Hanson, assignors.
Evans, R. M., and Miller, assignors.
Fairbanks, H. N., and Jungjohann, assignors.
Fallesen, George E., assignor.
Fallesen, G. E., and Leermakers, assignors.
Fisher, Webster E., assignor.
Fitch, H. L., and Scudder, assignors.
Fordyce, C. R., and Clarke, assignors.
Fuerst, Carl C., assignor.
Fuller, Albert B., assignor.
Galley, Hollis T., assignor.
Gillon, John W., assignor.
Glosemh, Victor N., assignor.
Glasoe, Paul K., assignor.
Green, Newton B., assignor.
Hagemeyer, Hugh J., Jr., assignor.
Hanson, Wesley T., Jr., assignor.
Hanson, W. T., Jr., and Evans, assignors.
Harvey, Douglass C., assignor.
Hasche, R. L., and Utermohlen, assignors.
Henn, R. W., and Crabtree, assignors.
Hickey, Robert D., assignor.
Hicks, Lester M., assignor.
Hull, D. C., and Marshall, assignors.
Hunter, W. F., Jr., Tanner, and Gillmor, assignors.
Hutchison, Miller R., Jr., assignor.
Isaac, Joseph, assignor.
Jelley, E. E., and Staehle, assignors.
Jones, L. A., Nelson, and Clark, assignors.
Kenyon, William O., and Fowler, assignors.
Kenyon, W. O., and Murray, assignors.
Kingslake, R., and Reiss, assignors.
Knott, Edward B., assignor.
Koch, George J., assignor.
Koch, G. J., and Leavitt, assignors.
Lane, Gerould T., assignor.
Lowe, W. G., and Fowler, assignors.
Lowe, W. G., and Griffin, assignors.
Luboshez, Benjamin E., assignor.
MacKenzie, K. J., and Bryce, assignors.
MacNeille, S. M., and Koch, assignors.
Malm, C. J., and Bearden, assignors.
Malm, C. J., and Blanchard, assignors.
Malm, C. J., and Salo, assignors.
Mannes, L. D., and Godowsky, assignors.

Eastman Kodak Company: *See*—Continued
Martin, Louis D., assignor.
McNally, J. G., and Byers, assignors.
McNally, J. G., and Dickey, assignors.
Merriman, W. E., and Nichols, assignors.
Mihalyi, Joseph, assignor.
Miller, Oran E., assignor.
Minsk, L. M., Weyerts, and McDowell, assignors.
Muehler, L. E., Kuns, and Eaton, assignors.
Nadeau, Gale F., assignor.
Nadeau, G. F., and Hunter, assignors.
Nadeau, G. F., Hilborn, and Hunter, assignors.
Patek, John M., assignor.
Penberthy, Harvey L., assignor.
Philips, Harlow D., assignor.
Porter, H. D., and Weissberger, assignors.
Reiss, Max, assignor.
Richter, George A., assignor.
Riddell, William A., assignor.
Russell, Harold D., assignor.
Russell, H. D., and Muehler, assignors.
Ruth, Roger A., assignor.
Salminen, I. F., Vittum, and Weissberger.
Salminen, I. F., Vittum, and Weissberger, assignors.
Salo, M., and Vivian, assignors.
Schade, Willy, assignor.
Schubert, Alvin E., assignor.
Schubert, A. E., Hintz, and Stettner, assignors.
Seymour, Merrill W., assignor.
Seymour, M. W., and Peterson, assignors.
Seymour, M. W., and Young, assignors.
Silberstein, George P., assignor.
Sillick, William E., assignor.
Simmons, Norwood L., assignor.
Staehle, H. C., Jelley, and Bennett, assignors.
Staud, Cyril J., assignor.
Stewart, Donald H., assignor.
Strain, W. H., and Dickey, assignors.
Swan, Donald R., assignor.
Swan, D. R., and Calhoun, assignors.
Tanner, Howard A., assignor.
Tetzlaff, E. F., and Fitch, assignors.
Turner, J. R., McLeod, and Bullock, assignors.
Tyler, Rayen W., assignor.
Vittum, Pearl W., assignor.
Vittum, P. W., Griffin, and Weissberger, assignors.
Vittum, P. W., and Jelley, assignors.
Vittum, P. W., and Peterson, assignors.
Von Bramer, H., and Davy, assignors.
Wadman, W. V., and Butcher, assignors.
Weissberger, A., and Leiserson, assignors.
Weissberger, A., and Vittum, assignors.
Weyerts, Walter J., assignor.
White, Frank L., assignor.
Wilder, Lot S., assignor.
Williams, F. C., Hanson, and Ott, assignors.
Wood, Donald L., assignor.
Yackel, E. C., Leermakers, and Staud, assignors.
Yule, John A. C., assignor.
Eastman Kodak Company, et al.: *See*—
Strain, W. H., Platt, and Warren, assignors.
Eastman, Lewis A.: *See*—
Elwood, Harland D., assignor.
Eastman, Nat, Miami Beach, Fla. Currency dispenser. 2,369,955; Feb. 20.
Eastman, Nathaniel, New York, N. Y. Fruit-cutting and juice-extracting machine. 2,382,620; Aug. 14.
Eastman Oil Well Survey Company, et al.: *See*—
Miller, Leonidas C., assignor.
Eastwood, Abraham B., Abington, assignor to Tabor Manufacturing Company, Philadelphia, Pa. Cooling means for abrasive cutters. 2,378,070; June 12.
Eastwood, La Verne W., University Heights, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Aluminum base alloy. 2,386,302; Oct. 9.
Eaton, Albert, Garden City, N. Y. Liquid treating apparatus. 2,367,851; Jan. 23.
Eaton, Carl J.: *See*—
Cipriani, C., and Eaton.
Eaton, Clarence B., Los Angeles, Calif. Fire extinguisher. 2,373,819; Apr. 17.
Eaton, George T.: *See*—
Crabtree, J. I., and Eaton.
Muehler, L. E., Kuns, and Eaton.
Eaton, John, Schenectady, N. Y., assignor to General Electric Company. Electric switch. 2,375,216; May 8.
Eaton, John, Schenectady, N. Y., assignor to General Electric Company. Electromagnetically operated switch. 2,377,137; May 29.
Eaton, John, Schenectady, N. Y., assignor to General Electric Company. Time and condition responsive interlocking control system. 2,384,372; Sept. 4.
Eaton, John, Schenectady, N. Y., assignor to General Electric Company. Sequence control system. 2,385,616; Sept. 25.
Eaton Manufacturing Company: *See*—
Charlton, George, assignor.
Dostal, James J., assignor.
Findley, Howard J., assignor.
Hoern, Joseph H., assignor.
Voorhies, Harry E., assignor.
Witchger, Eugene S., assignor.
Eaton Paper Corporation: *See*—
Sojka, George E., assignor.
Eaton, Thomas T., Haddon Heights, N. J., assignor to Radio Corporation of America. Deflecting circuit. 2,373,748; Apr. 17.
Eaton, Waldo W., near Seattle, assignor to Boeing Aircraft Company, Seattle, Wash. Lateral aircraft gun emplacement. 2,377,073; May 29.
Eaton, Warren S., Los Angeles, Calif. Therapeutic treatment. 2,368,207; Jan. 30.
Eaton, Wilfred A., assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Fluid pressure device. 2,367,852; Jan. 23.
Eaton, Wilfred A., assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Fluid pressure control mechanism. 2,369,547; Feb. 13.
Eaton, Wilfred A., assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Fluid pressure control mechanism. 2,371,810; Mar. 20.
Eaton, Wilfred A., assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Fluid pressure mechanism. 2,376,588; May 22.
Eaton, Wilfred A., assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Fluid pressure control mechanism. 2,380,507; July 31.
Eaton, Wilfred A., assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Fluid pressure mechanism. 2,386,038; Oct. 2.
Eaton, Wilfred A., assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Fluid pressure mechanism. 2,386,039; Oct. 2.
Eaton, Wilfred A., assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Fluid pressure control mechanism. 2,388,045; Oct. 30.
Eaton, William C., and W. Leduc, assignors to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 2,382,980; Aug. 21.
Eaves, Ralph E., Westwood, Mass. Eye exercising device. 2,380,508; July 31.
Eaves Sound Projectors, Inc.: *See*—
Eaves, William C., assignor.
Eaves, William C., Elyria, Ohio, assignor to Eaves Sound Projectors, Inc., New York, N. Y. Sound producing device. 2,371,960; Mar. 20.
Ebbets, George D., Kenilworth, assignor to The Babcock & Wilcox Company, Jersey City, N. J. Forming lined pressure vessel connections. 2,381,890; Aug. 14.
Ebel, William K., Kingsville, and F. J. Pepersack, Towson, assignors to The Glenn L. Martin Company, Middle River, Md. Outlet connection for liquid containing tanks. 2,380,735; July 31.
Ebeling, James A., Kenova, W. Va. Automatic position locator. 2,366,772; Jan. 9.
Eberhard, Harmon S., Peoria, Ill., assignor to Caterpillar Tractor Co., San Leandro, Calif. Seal. 2,376,864; May 29.
Eberhard, Harmon S., Peoria, Ill., and G. W. Lewis, Cedar Rapids, Iowa, assignors to Caterpillar Tractor Co., San Leandro, Calif. Steering by driving. 2,379,628; July 3.
Eberhart, Arthur H., Springfield, Mass., assignor to Westinghouse Electric Corporation, Pittsburgh, Pa. Air conditioning apparatus. 2,386,303; Oct. 9.
Eberle, Frank V., Newark, N. J. Artificial hand and actuating the same. 2,382,403; Aug. 14.
Eberle, Frank V., Newark, N. J. Artificial hand and actuating the same. 2,382,404; Aug. 14.
Eberle Tanning Company: *See*—
Elliott, Jack P., assignor.
Ebers, Earle S., Nutley, N. J., assignor to United States Rubber Company, New York, N. Y. Rubber fabric material. 2,375,089; May 1.
Ebersol, Amos R., Lancaster, Pa. Rock crusher. 2,380,419; July 31.
Ebersole, George B: *See*—
Bailey, E. G., and Ebersole.
Ebersole, George B., Akron, Ohio, assignor to The Babcock & Wilcox Company, Jersey City, N. J. Pulverizer. 2,389,844; Nov. 27.
Ebert, David M., assignor to American Viscose Corporation, Wilmington, Del. Glauber's salt conversion. 2,374,004; Apr. 17.
Ebert, Joseph F., Hollis, assignor, by mesne assignments, to Smaller War Plants Corporation, New York, N. Y. Lock nut. 2,377,678; June 5.
Ebert, Joseph F., Hollis, assignor, by mesne assignments, to Smaller War Plants Corporation, New York, N. Y. Nut-supporting device. 2,385,777; Oct. 2.
Ebert, Joseph F., Hollis, assignor, by mesne assignments, to Allied Control Company, Inc., New York, N. Y. Electrical relay. 2,391,400; Dec. 25.
Ebert, Percy F.: *See*—
Chubb, M. F., and Ebert.
Ebinger, Robert L., and C. E. Merce, Charleston, S. C. Angle and distance gauge. 2,383,243; Aug. 21.
Eby, Harry F., Lebanon, Pa. Brake mechanism. 2,371,158; Mar. 13.
Eby, Hugh H., Jenkintown, Pa. Plug-in device and socket receptacle. 2,380,955; Aug. 7.
Eby, Lawrence T., Roselle, N. J., assignor to Standard Oil Development Company. Compounded lubricating oil. 2,382,700; Aug. 14.

Eckardt, Helmuth, Towaco, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sound translating device. 2,379,891; July 10.
Eckel, Arthur F., Wilmette, Ill. Collinear reflector. 2,374,003; Apr. 17.
Eckel, John E., Houston, Tex., assignor to Standard Oil Development Company. Gravel-packed liner and perforation assembly. 2,371,385; Mar. 13.
Eckel, Joseph C., Ingram, Pa. Alloy steel. 2,388,128: Oct. 30.
Eckel, Oliver C., Cambridge, Mass. Supporting clip. 2,386,887; Oct. 16.
Eckel, Oliver C., Cambridge, Mass. Clip. 2,389,964; Nov. 27.
Eckel, Oliver C., Cambridge, Mass. Clip. 2,389,965; Nov. 27.
Eckenberg, Earl G., Los Angeles, Calif. Jet carburetor. 2,376,991; May 29.
Eckener, Erwin: *See*—
Cram, H. W., and Eckener.
Eckener, Erwin, Bronx, assignor to Aircraft Screw Products Company, Inc., Long Island City, N. Y. Insert assembling tool. 2,390,524; Dec. 11.
Eckert, George E., and V. I. Moe, assignors to Moe Brothers Manufacturing Co., Fort Atkinson, Wis. Lighting fixture. 2,373,235; Apr. 10.
Eckert, James C., Jr., Jacksonville, Fla. Fire extinguisher. 2,383,048; Aug. 21.
Eckert, Walter, et al., executors: *See*—
Hoof, Addison C.
Eckey, Eddy W., Wyoming, assignor to The Procter & Gamble Company, Cincinnati, Ohio. Treating fats and fatty oils. 2,378,005; June 12.
Eckey, Eddy W., Wyoming, assignor to The Procter & Gamble Company, Cincinnati, Ohio. Treating fats and fatty oils. 2,378,006; June 12.
Eckey, Eddy W., Wyoming, assignor to The Procter & Gamble Company, Cincinnati, Ohio. Modifying the molecular structure of oils and fats. 2,378,007; June 12.
Eckhardt, Elmer R.: *See*—
Karabinos, J. V., Eckhardt, and Patterson.
Eckhardt, Ferdinand F., Los Angeles, E. H. Pearson, Pacific Palisades, and A. W. Albertine, assignors to Douglas Aircraft Company, Inc., Santa Monica, Calif. Washbasin and urinal. 2,375,090; May 1.
Eckman, Donald P., assignor to The Brown Instrument Company, Philadelphia, Pa. Control mechanism. 2,369,837; Feb. 20.
Eckman, George E.: *See*—
Socke, J. E., and Eckman.
Eckman, Philip E., Seattle, Wash., assignor to American Can Company, New York, N. Y. Suction cup. 2,382,405; Aug. 14.
Eckstein, George R., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Gauge. 2,377,679; June 5.
Eclov, Hjalmar P., Washington, D. C. Electric shaver. 2,369,821; Feb. 20.
Econo Safety Devices, Inc.: *See*—
O'Donnell, John B., assignor.
Economics Laboratory, Inc.: *See*—
Wilson, J. L., and Mendenhall, assignors.
Economides, Michael J., Brooklyn, N. Y. Concealed hinge. 2,373,178; Apr. 10.
Economy Baler Company: *See*—
Langford, G. W., Barrows, and Haidler, assignors.
Ecusta Paper Corporation: *See*—
Harris, Lloyd G., assignor.
Heygel, Paul R., assignor.
Hooper, Ray L., assignor.
Matthews, R. E., and Hensley, assignors.
Edahl, Knute: *See*—
Holland, C. J., and Edahl.
Edberg, Per, Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,368,455; Jan. 30.
Eddington, George D., Burbank, Calif. Automatic stabilising system for vehicles. 2,387,249; Oct. 23.
Eddins, John R., Chicago, Ill. Eyecup. 2,375,636; May 8.
Eddins, William N., San Antonio, and C. C. Thurman, Freer, Tex. Fluid pressure pump. 2,391,556; Dec. 25.
Eddy, Arnold, Middletown, Conn., assignor of one-half to H. W. Striker, New York, N. Y. Weaving, transporting and finishing cloth. 2,384,288; Sept. 4.
Eddy, Arnold, Middletown, Conn., assignor of fifty per cent to H. W. Striker, and twenty per cent to E. G. Dentay, New York, N. Y. Pick counting device. 2,384,901; Sept. 18.
Eddy, Arnold, Middletown, Conn., assignor of one-half to H. W. Striker, New York, N. Y. Screen printing. 2,387,984; Oct. 30.
Eddy, Harold C., Los Angeles, Calif., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Apparatus for desalting oil. 2,386,941; Oct. 16.
Eddy, Harold C., Los Angeles, Calif., assignor, by mesne assignments, to Petrolite Corporation, Ltd., Wilmington, Del. Treating oil. 2,387,250; Oct. 23.
Eddy, William C., Michigan City, Ind., assignor to Balaban & Katz Corporation, Chicago, Ill. Lens mounting. 2,380,829; July 31.
Edelman, Abraham, New York, N. Y. Electric signaling device. 2,386,942; Oct. 16.
Edelman, Berll, Brooklyn, N. Y., and A. L. Pizzi, Newark, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Article feeding apparatus. 2,377,409; June 5.
Edelman, Walter E., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Manual control apparatus. 2,370,025; Feb. 20.
Edelman, Walter E., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Motor operator. 2,379,954; July 10.
Edelmann, Leo, Chicago, Ill. Hydrometer float. 2,367,268; Jan. 16.
Edelmann, Robert, Chicago, Ill. Thermohydrometer. 2,368,123; Jan. 30.
Edels, Siegfried, London, W. 1, assignor of one-half to Rejafix Limited, London, England. Printing machine. 2,378,989; June 26.
Edelstein, Sidney M., Elizabeth, N. J. Treatment of cellulosic pulp. 2,368,527; Jan. 30.
Edelstein, Sidney M., Elizabeth, N. J. Treated fabric and making. 2,389,421; Nov. 20.
Eden, Christopher G., Rickmansworth, England, assignor to General Electric Company. Drilling apparatus. 2,380,736; July 31.
Edenboro, Edward E. K., Greenville, Ala. Protective device for ships. 2,390,358; Dec. 4.
Eder, James P., New York, N. Y. Anemometer. 2,389,615; Nov. 27.
Ederer, Lothar A.: *See*—
Runquist, E. M., and Ederer.
Ederer, R. J., Company: *See*—
Runquist, E. M., and Ederer, assignors.
Edgar, David: *See*—
Knowlton, C. D., and Edgar.
Edgar, David, Lynn, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine for treating sheet materials. 2,366,242; Jan. 2.
Edgar, Donald E., Westport, and D. J. Sullivan, Fairfield, Conn., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Heating device. 2,386,095; Oct. 2.
Edgar, Kenneth L.: *See*—
Stavely, F. W., Edgar, and Hoffman.
Edgar, Robert L., assignor to The Watt Car & Wheel Company, Barnesville, Ohio. Car truck. 2,377,768; June 5.
Edge, Dexter, Gary, Ind. Radiant heater. 2,391,447; Dec. 25.
Edge, Stanley H., and E. Twemlow, Lincoln, England. Steering gear for vehicles. 2,382,866; Aug. 14.
Edgerly, Herman D.: *See*—
Palmer, R. O., and Edgerly.
Edgerton, Harold E., Belmont, Mass. Condenser-discharge electric system. Re. 22,611; Mar. 6.
Edgerton, Harold E., Belmont, Mass. Method of and apparatus for testing. 2,382,981; Aug. 21.
Edgewater Steel Company: *See*—
Bell, D. S., and Wikander, assignors.
Edgington, Clay M., assignor of ten per cent to J. E. Obenauer, Roseville, Mich. Combination curtain, shade, and drapery fixture. 2,371,232; Mar. 13.
Edison General Electric Appliance Company, Inc.: *See*—
Kempton, Leslie A., assignor.
Michaelis, Harold A., assignor.
Ogden, William F., assignor.
Sharp, John C., assignor.
Shroyer, J. L., and Michaelis, assignors.
Edison, Thomas A., Incorporated: *See*—
Adams, Joseph C., assignor.
Dann, Charles W., assignor.
Dunham, Le R. S., and Teague, assignors.
Hardy, William A., assignor.
Huenlich, Charles, assignor.
Ihrig, Donald G., assignor.
Jacobs, Charles T., assignor.
Jones, Harry S., assignor.
Kelly, Frederick G., assignor.
La Forest, Louis Z., assignor.
Proctor, George N., assignor.
Vieth, Albert B., assignor.
Edison Wood Products, Incorporated: *See*—
Webb, Charles E., assignor.
Edman, Joseph V.: *See*—
Burckhardt, A., and Edman.
Edmands, John W., Newton Highlands, Mass., assignor to Central Railway Signal Company, Newton, Mass. Igniter for grenades and the like. 2,391,823; Dec. 25.
Edmister, Wayne C., Flossmoor, assignor to Standard Oil Company, Chicago, Ill. Method and apparatus for catalytic processes. 2,378,542; June 19.
Edmonds, Asbury S., New York, N. Y. Brake. 2,381,654; Aug. 7.
Edmonds, Asbury S., Lowry Field, Colo. Brake. 2,381,655; Aug. 7.
Edmonds, Robert M., Elmira, assignor to American Telephone and Telegraph Company, New York, N. Y. Insulation test set. 2,367,013; Jan. 9.
Edmonds, Rudolph A. L.: *See*—
Watson, E. D., and Edmonds.
Edmondson, William H., Oak Park, Ill., assignor to United Biscuit Company of America. Clutch mechanism. 2,384,418; Sept. 4.

Edmondson, William, and W. Jones, Surrey County, assignors to The British Oxygen Company Limited, London, England. Administration of inhalant gases. 2,388,533; Nov. 6.
Edmonson, Roger W., assignor to The National Cash Register Company, Dayton, Ohio. Electrolytic smoothing of metals. 2,382,549; Aug. 14.
Edouard Dubied & Cie Société Anonyme: *See*—
Korber, Hans, assignor.
Edson, Clarence E.: *See*—
Hunsdorf, William P.
Edson, Kenneth C., and F. E. Fisher, Pawhuska, assignors to Skelly Oil Company, Tulsa, Okla. Production of aromatic hydrocarbons. 2,380,035; July 10.
Edson, William A., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Stabilized oscillator. 2,379,694; July 3.
Edstrom, Carl A., assignor to American Steel Foundries, Chicago, Ill. Car truck. 2,370,105; Feb. 20.
Edstrom, Carl A., assignor to American Steel Foundries, Chicago, Ill. Truck arrangement. 2,370,106; Feb. 20.
Edstrom, Otto E., San Francisco, Calif. Blind guide. 2,379,426; July 3.
Edwards, Charles L., Springfield, Mass. Convertible seat structure for cabin cruisers. 2,383,178; Aug. 21.
Edwards and Company, Inc.: *See*—
Edwards, Robert S., assignor.
Edwards, G. Alfred: *See*—
Hunt, Charles T., assignor.
Edwards, Herbert C., Massillon, assignor to The Timken Roller Bearing Company, Canton, Ohio. Governor. 2,372,179; Mar. 27.
Edwards, Herbert C., Massillon, assignor to The Timken Roller Bearing Company, Canton, Ohio. Angularly adjustable coupling. 2,372,180; Mar. 27.
Edwards, Herbert C., Massillon, assignor to The Timken Roller Bearing Company, Canton, Ohio. Fuel injection pump. 2,372,559; Mar. 27.
Edwards, Herbert C., Massillon, assignor to The Timken Roller Bearing Company, Canton, Ohio. Fuel injector. 2,389,492; Nov. 20.
Edwards, Howard C., Zanesville, assignor of ten per cent to L. E. Marks, and ten per cent to E. S. Marks, Cincinnati, Ohio, trustee. Gravity-fed coal furnace. 2,374,808; May 1.
Edwards, James H., Evanston, Ill. Weight measuring and calibrating device. 2,370,784; Mar. 6.
Edwards, Jones B., assignor of one-half to Samuel Schwartz, Charlotte, N. C. Fountain dispenser. 2,378,624; June 19.
Edwards, Martin A., Scotia, N. Y., assignor to General Electric Company. Power system. 2,368,456; Jan. 30.
Edwards, Martin A., Scotia, and M. Levine, Schenectady, N. Y., assignors to General Electric Company. Control system for aircraft turbosuperchargers. 2,376,143; May 15.
Edwards, Martin A., Scotia, N. Y., assignor to General Electric Company. Electric control system. 2,386,040; Oct. 2.
Edwards, Martin A., Scotia, N. Y., assignor to General Electric Company. Regulating apparatus. 2,390,084; Dec. 4.
Edwards, Miles L., Longview, Wash. Pump. 2,368,528; Jan. 30.
Edwards, Miles L., Longview, Wash. Pump. 2,368,529; Jan. 30.
Edwards, Miles L., Longview, Wash. Vapor expelling pump. 2,368,530; Jan. 30.
Edwards, O. M., Company, Inc., The: *See*—
Axe, Roy T., assignor.
Edwards, Paul G., Verona, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Amplifier circuit. 2,369,030; Feb. 6.
Edwards, Robert S., New Canaan, assignor to Edwards and Company, Inc., Norwalk, Conn. Switch operating device. 2,391,231; Dec. 18.
Edwards, Roy T.: *See*—
Dean, J. C., and Edwards.
Edwards, Russell, Pasadena, assignor to H. H. Helbush, Los Angeles, Calif. Plate holding device. 2,367,853; Jan. 23.
Edwards, William E.: *See*—
Sutcliffe, E. R., and Edwards.
Edwards, William E., Ellwood City, Pa., assignor to National Tube Company. Apparatus for automatically severing tubing and the like. 2,366,243; Jan. 2.
Edwards, William H., Great Neck, N. Y., and O. A. Shann, Short Hills, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone station circuit. 2,372,262; Mar. 27.
Eenigenburg, Robley E., assignor of one-half to E. F. Brennom, Chicago, Ill. Manufacturing transparent bodies with items embedded therein. 2,379,793; July 3.
Effinger, William L., Jr., West Hempstead, N. Y. Adjustable propeller. 2,372,714; Apr. 3.
Effinger, William L., Jr., West Hempstead, N. Y. Tow control for gliders. 2,373,236; Apr. 10.
Efron, Alexander, assignor to Checkmaster Plan Inc., New York, N. Y. Filing folder. 2,385,337; Sept. 25.
Egan, Charles W., Troy, N. Y. Molding process and product thereof. 2,390,525; Dec. 11.
Egardner, Zacharus T., Chicago, Ill. First-aid kit and stretcher. 2,385,067; Sept. 18.
Egelman, Max, New York, N. Y. Photographic printing frame. 2,386,888; Oct. 16.
Eger, Ernst, Grosse Pointe Park, Mich., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Valve mechanism. 2,372,560; Mar. 27.
Eger, John, assignor of one-half to S. D. Whetstone, Cut Bank, Mont. Vacuum pump. 2,372,191; Mar. 27.
Egersdörfer, Fritz, Berlin, Germany; vested in the Alien Property Custodian. Gear pump. 2,382,701; Aug. 14.
Egert, Otto, London, England. Lock nut. 2,379,794; July 3.
Egerton, Lawson, Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Stabilization of halogenated compounds. 2,391,685; Dec. 25.
Egerton, Lawson, Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Stabilization of halogenated compounds. 2,391,689; Dec. 25.
Egge, Klaus, Mount Lebanon, Pa., assignor to Carnegie-Illinois Steel Corporation. Roll changing device. 2,387,890; Oct. 30.
Eggemeyer, Richard, Walsh, Ill. Gauging apparatus for builders and the like. 2,371,286; Mar. 13.
Egger, Walter F., Rocky River, assignor to A. P. Schraner, Shaker Heights, Ohio, doing business as A. P. Schraner & Co. Lapping machine. 2,376,531; May 22.
Eggers, Hans, Berlin, Germany; vested in the Alien Property Custodian. Determining positions in space. 2,387,569; Oct. 23.
Eggerss, Hans A., Van Wert, Ohio, assignor to Continental Can Company, Inc., New York, N. Y. Container. 2,391,774; Dec. 25.
Eggert, Ronald E., Burbank, Calif., assignor to Adel Precision Products Corp. Lock nut. 2,379,892; July 10.
Eggert, Ronald E., Burbank, and H. J. Le Vesconte, Glendale, Calif., assignors to Adel Precision Products Corp. Resilient lock nut. 2,387,251; Oct. 23.
Eggleston, Smith, St. Paul, assignor to Standard Conveyor Company, North St. Paul, Minn. Inclined elevator. 2,368,414; Jan. 30.
Egleston, Harry, assignor to Ex-Cell-O Corporation, Detroit, Mich. Back-off apparatus. 2,379,287; June 26.
Egli, Arnold A., Saint Gallen, Switzerland, and C. Bokenkamp, Hamburg, Germany. Obtaining etchable deposits on printing cylinders. 2,372,665; Apr. 3.
Egli, Herman K., Lancaster Township, Lancaster County, assignor to Armstrong Cork Company, Lancaster, Pa. Die. 2,388,838; Nov. 13.
Eglinton, George F., Detroit, assignor, by mesne assignments, to Lincoln Park Industries, Inc., Lincoln Park, Mich. Abrasive wheel dressing machine. 2,373,882; Apr. 17.
Eglinton, George F., Detroit, Mich., assignor, by mesne assignments, to Lincoln Park Industries, Inc. Form crushing of abrasive wheels. 2,384,289; Sept. 4.
Egloff, Gustav, assignor to Universal Oil Products Company, Chicago, Ill. Production of styrene. 2,376,532; May 22.
Egloff, Gustav, assignor to Universal Oil Products Company, Chicago, Ill. Manufacture of styrene. 2,376,533; May 22.
Egloff, Gustav, assignor to Universal Oil Products Company, Chicago, Ill. Manufacture of aryl alkenes. 2,377,074; May 29.
Egloff, Gustav, assignor to Universal Oil Products Company, Chicago, Ill. Manufacture of vinyl aromatics. 2,383,179; Aug. 21.
Ego, George R., Brantford, Ontario, assignor to Massey-Harris Co. Ltd., Toronto, Ontario, Canada. Safety device for disk plow hangers. 2,381,973; Aug. 14.
Egry Register Company, The: *See*—
Pfeiffer, William C., assignor.
Wyrick, Clayton E., assignor.
Ehlers, George M., J. S. Coldwell, and G. Kodama, assignors to Globe-Union, Inc., Milwaukee, Wis. Trimmer condenser. 2,370,722; Mar. 6.
Ehmann, Leslie G., assignor to Electric Steel Foundry Company, Portland, Oreg. Locking device for load supporting pins. 2,369,344; Feb. 13.
Ehmann, Leslie G., assignor to Electric Steel Foundry, Portland, Oreg. Cargo sling hook. 2,381,531; Aug. 7.
Ehnbom, Bo Karl G., Stockholm, Sweden. Remote burner lighter. 2,386,041; Oct. 2.
Ehrenberg, Gustav, Berlin-Adlershof, Germany; vested in the Alien Property Custodian. Teleprinter. 2,375,902; May 15.
Ehretsman, John L., and R. W. Leutwiler, assignors to The Illinois Engineering Company, Chicago, Ill. Steam trap valve mechanism. 2,370,296; Feb. 27.
Ehrlich, Walter A.: *See*—
Gladfelter, W. I., Ehrlich.
Ehrling, Gunnar E., assignor to Briggs Manufacturing Company, Detroit, Mich. Supercharger. 2,386,096; Oct. 2.
Ehrling, Gunnar E., assignor to Briggs Manufacturing Company, Detroit, Mich. Coupling. 2,386,097; Oct. 2.
Eiane, Halvor O., Washington Island, Wis. Selective single trigger. 2,366,893; Jan. 9.

Elsaesser, Halvor O., Washington Island, Wis. Offset gun sight. 2,367,342; Jan. 16.

Elsaesser, Halvor O., Washington Island, Wis. Offset gun sight. 2,367,762; Jan. 23.

Elsaesser, Halvor O., Washington Island, Wis. Manufacture of radial master connecting rods. 2,377,769; June 5.

Eichelberger, George W., Jr., Houston, Tex. Toy oil-pumping rig. 2,382,782; Aug. 14.

Eichelberger, Merrill: *See*—
Adams, H. A., and Eichelberger.

Eichelberger, William C.: *See*—
Farrell, J. K., and Eichelberger.

Eickman, Willis R.: *See*—
Robertson, W. H., and Eickman, assignors.
Spurlino, P., Placke, Eickman, and Kramer.

Eickmeyer, Earl E., A. G. Horvath, and A. F. Zumbrink, assignors to The Dayton Pump and Manufacturing Company, Dayton, Ohio. Fluid dispensing apparatus. 2,375,903; May 15.

Eidmann, Ethel I., executrix: *See*—
Engel, G. C. and Eidmann.

Eidmann, Frank L.: *See* —
Engel, G. C. and Eidmann.

Eigenheer, Jakob, Thalwil, assignor to the firm Belmag Zurich, Beleuchtungs- & Metallindustrie Aktiengesellschaft, Zurich, Switzerland. Ski fitting. 2,382,783; Aug. 14.

Eilenberger, Stanley D.: *See*—
Burbridge, John R., assignor.

Eilenberger, Stanley D., Kenosha, Wis., assignor to Wolgen Company, Chicago, Ill. Amusement device for registering emotions. 2,379,965; July 10.

Einarsson, Valdimar, Reykjavik, Iceland. Apparatus for drying hay, vegetables, fish, and the like. 2,368,811; Feb. 6.

Einbinder, Morris A., Denver, Colo. Garment. 2,381,580; Aug. 7.

Einson-Freeman Co., Inc.: *See*—
Gold, Sam, assignor.
Horr, John V., assignor.

Einsig, Henry, assignor to Stemar Displays Company, Chicago, Ill. Device for binding. 2,388,960; Nov. 13.

Eisaman, Roy D., Oak Park, Ill., assignor to Jasper Foods, Newport, Mich. Making fish food. 2,371,682; Mar. 20.

Eisel, Vernon G., New York, N. Y. Educational toy. 2,385,197; Sept. 18.

Eiseman, Robert J., and R. E. Wenner, Cleveland, assignors to Jack & Heintz, Inc., Bedford, Ohio. Forming split ring gears. 2,385,617; Sept. 25.

Eisemann Corporation: *See*—
Tabb, Warner T., assignor.

Eisenbeis, George G., Conklin, assignors to Stow Manufacturing Co., Binghamton, N. Y. Flexible shafting. 2,366,688; Jan. 2.

Eisenbeis, George G., Conklin, assignor to Stow Manufacturing Co., Binghamton, N. Y. Flexible shafting assembly. 2,368,457; Jan. 30.

Eisenbeis, George G., Conklin, assignor to Stow Manufacturing Co., New York, N. Y. Flexible shafting. 2,388,129; Oct. 30.

Eisenberg, Harry: *See*—
Roseman, R., and Eisenberg.

Eisenbud, Merril, Monsey, N. Y. Welder's helmet. 2,386,604; Nov. 6.

Eisendrath, B. D., Tanning Co.: *See*—
Cameron, Donald H., assignor.

Eisengrein, Harry F., Rochester, N. Y., assignor to The Glidden Company, Cleveland, Ohio. Extruding and apparatus therefor. 2,386,782; Oct. 16.

Eisenhour, Bert H., Aurora, assignor of one-half to Riverbank Laboratories, Geneva, Ill. Torsional oscillator. 2,384,823; Sept. 18.

Eisenman, Louis, Brooklyn, N. Y. Hair curler. 2,367,854; Jan. 23.

Eisenmann Corporation: *See*—
Scott, Lloyd H., assignor.

Eisler, Henry G., Wilmette, assignor to The Bell & Howell Company, Chicago, Ill. Dust exhausting device for surfacing wheels. 2,383,454; Aug. 28.

Eisner, Abner: *See*—
Woodward, C. F., Eisner, and Haines.

Eisner, George J., Phoenix, Ariz. Evaporating disseminator. 2,372,371; Mar. 27.

Eisenschiml, Bertha J., et al.: *See*—
Eisenschiml, Otto and G.

Eisenschiml, Gerald: *See*—
Eisenschiml, Otto and G.

Eisenschiml, Otto and G., assignors to O., B. J., and G. Eisenschiml, and R. E. Gingles, doing business as a partnership under name The Scientific Oil Compounding Co., Chicago, Ill. Bodied oil and method. 2,388,257; Nov. 6.

Eisinger, Rudolph J., Thornbury Township, Delaware County, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Air conditioning apparatus. 2,388,314; Nov. 6.

Eisler, Charles, Jr., Maplewood, assignor to Eisler Engineering Company, Newark, N. J. Welding machine. 2,389,034; Nov. 13.

Eisler Engineering Company: *See*—
Eisler, Charles, Jr., assignor.

Eisner, Robert S., assignor to Sigmund Eisner Co., Red Bank, N. J. Apparatus for applying coating. 2,388,605; Nov. 6.

Eisner, Sigmund, Co.: *See*—
Eisner, Robert S., assignor.

Eiss, Clyde R., Buffalo, and F. I. Steele, Kenmore, N. Y., assignors to Curtiss-Wright Corporation. Exhaust manifolds. 2,375,091; May 1.

Eitel-McCullough, Inc.: *See*—
Eitel, William W., assignor.
Eitel, W. W., and McCullough, assignors.

Eitel, William W., Salt Lake City, Utah, and J. A. McCullough, Millbrae, assignors to Eitel-McCullough, Inc., San Bruno, Calif. Electronic tube. 2,368,812; Feb. 6.

Eitel, William W., San Bruno, and J. A. McCullough, Millbrae, assignors to Eitel-McCullough, Inc., San Bruno, Calif. Electronic tube. 2,371,683; Mar. 20.

Eitel, William W., assignor to Eitel-McCullough, Inc., San Bruno, Calif. Vacuum tube. 2,373,949; Apr. 17.

Eitel, William W., San Bruno, and J. A. McCullough, Millbrae, assignors to Eitel-McCullough, Inc., San Bruno, Calif. Electronic tube. 2,373,950; Apr. 17.

Eitel, William W., San Bruno, and J. A. McCullough, Millbrae, assignors to Eitel-McCullough, Inc., San Bruno, Calif. Electron tube. 2,376,040; May 15.

Eitel, William W., San Bruno, and J. A. McCullough, Millbrae, assignors to Eitel-McCullough, Inc., San Bruno, Calif. Electronic tube. 2,381,490; Aug. 7.

Eitel, William W., assignor to Eitel-McCullough, Inc., San Bruno, Calif. Chuck. 2,385,971; Oct. 2.

Eitel, William W., San Bruno, and J. A. McCullough, Millbrae, assignors to Eitel-McCullough, Inc., San Bruno, Calif. Electronic tube. 2,385,972; Oct. 2.

Eitel, William W., San Bruno, and J. A. McCullough, Millbrae, assignors to Eitel-McCullough, Inc., San Bruno, Calif. Apparatus for making grids. 2,385,973; Oct. 2.

Eitel, William W., Woodside, and J. A. McCullough, Millbrae, assignors to Eitel-McCullough, Inc., San Bruno, Calif. Electron tube structure. 2,385,974; Oct. 2.

Eitel, William W., Woodside, and J. A. McCullough, Millbrae, assignors to Eitel-McCullough, Inc., San Bruno, Calif. Electron tube. 2,391,600; Dec. 25.

Eitner, George R., Detroit, Mich. Lubricating device. 2,384,824; Sept. 18.

Ejerson, Ejnar E., Stockholm, Sweden. Fountain pen. 2,391,557; Dec. 25.

Ekco Products Company: *See*—
Kollman, Jack, assignor.

Ekenäs, Torwald D. L., and G. E. Fåhraeus, assignors to Bolidens Gruvaktiebolag, Stockholm, Sweden. Selenium rectifier. 2,375,353; May 8.

Eklund, Hans E., assignor to Aktiebolaget J. C. Ljungman, Malmo, Sweden. Firearm. 2,388,396; Nov. 6.

Eklund, Hans E., assignor to Aktiebolaget J. C. Ljungman, Malmo, Sweden. Disconnector means in self-charging firearms. 2,390,061; Dec. 4.

Eklund, Karl G., Storangen, and J. E. Hulten, Stockholm, Sweden. Air introducing device. 2,366,773; Jan. 9.

Eksergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Fluid-actuated brake. 2,372,415; Mar. 27.

Eksergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Railway brake. 2,382,550; Aug. 14.

Eksergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Brake mechanism. 2,382,551; Aug. 14.

Eksergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Brake mechanism. 2,383,374; Aug. 21.

Eksergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Truck and brake organization. 2,384,459; Sept. 11.

Eksergian, Carolus L., and J. H. Coombes, Detroit, Mich., assignors to Budd Wheel Company, Philadelphia, Pa. Brake control device. 2,369,726; Feb. 20.

Eksergian, Carolus L., and J. H. Coombes, Detroit, Mich., assignors to Budd Wheel Company, Philadelphia, Pa. Work handling mechanism. 2,381,656; Aug. 7.

Eksergian, Carolus L., and J. H. Coombes, Detroit, Mich., assignors to Budd Wheel Company, Philadelphia, Pa. Work clamping mechanism. 2,381,657; Aug. 7.

Eksergian, Carolus L., and J. H. Coombes, Detroit, Mich., assignors to Budd Wheel Company, Philadelphia, Pa. Brake mechanism. 2,382,552; Aug. 14.

Eksergian, Carolus L., and P. W. Gaensslе, Detroit, Mich., assignors to Budd Wheel Company, Philadelphia, Pa. Brake mechanism. 2,382,553; Aug. 14.

Eksergian, Carolus L., and P. W. Gaensslе, Detroit, Mich., assignors to Budd Wheel Company, Philadelphia, Pa. Brake mechanism. 2,382,554; Aug. 14.

Eksergian, Carolus L., and P. W. Gaensslе, Detroit, Mich., assignors to Budd Wheel Company, Philadelphia, Pa. Brake mechanism. 2,383,375; Aug. 21.

Eksergian, Carolus L., Detroit, and R. B. Temple, Grosse Pointe Park, Mich., assignors to Budd Wheel Company, Philadelphia, Pa. Tank tread. 2,389,722; Nov. 27.

Eksergian, Rupen, Media, assignor to Edward G. Budd Mfg. Company, Philadelphia, Pa. Endurance testing method and machine especially for vehicle body bolsters. 2,380,159; July 10.

Ekstedt, John W., Union, and A. F. Pityo, Clifton, N. J. Producing grids for electron discharge devices. 2,379,135; June 26.

Ekstrand, Ernest W., Orange, N. J., assignor to Consolidated Packaging Machinery Corporation. Sorting device. 2,385,618; Sept. 25.

Ekstrom, Gustaf H.: *See*—
Granberg, B. R., and Ekstrom.

Ekstrom, Regner A., Jr., Markham, assignor to Elematic Corporation, Chicago, Ill. Liquid heating apparatus. 2,375,840; May 15.

Ekstrom, Regner A., Jr., Markham, assignor to Elematic Corporation, Chicago, Ill. Apparatus for use in treating and coating articles. 2,378,758; June 19.

Elastic Stop Nut Corporation: *See*—
Newsome, J. H., and Davis, assignors.
Siesel, William M., assignor.
Swanstrom, Carl A., assignor.
Swanstrom, Klas A., assignor.

Elastic Stop Nut Corporation of America: *See*—
Hallock, Robert L., assignor.
Mason, Veyne V., assignor.
Wesley, Leo J., assignor.

Elba Trading Corporation: *See*—
Lateiner, Charles, assignor.

Elberty, Robert S., Jr., assignor to Landis Tool Company, Waynesboro, Pa. Size control mechanism. 2,382,215; Aug. 14.

Elberty, Robert S., Jr., assignor to Landis Tool Company, Waynesboro, Pa. Motor control device. 2,386,304; Oct. 9.

Elder, Charles J., assignor to The Moore Company, Muncie, Ind. Bedspring. 2,366,846; Jan. 9.

Elder, Charles J., assignor to The Moore Company, Muncie, Ind. Bed spring. 2,378,625; June 19.

Elder, John D.: *See*—
McManus, C. E., and Elder.
Patrick, W. A., Jr., and Elder.

Elder, Frederick T., Mountain Lakes, N. J., assignor to American Locomotive Company, New York, N. Y. Heat exchanger fin tube. 2,386,159; Oct. 2.

Elder, Joseph H., Arlington, Tex. Rubber substitute. 2,390,829; Dec. 11.

Elderfield, Robert C., Hastings on Hudson, and F. C. Uhle, New York, N. Y., assignors to Eli Lilly and Company, Indianapolis, Ind. Derivatives of β-(3-hydroxycyclopentanopolyhydrophenanthrene) - $\Delta^{\alpha,\beta}$ - butyrolactones. 2,386,783; Oct. 16.

Elderfield, Robert C., New York, N. Y., and E. R. Blout, Cambridge, Mass., assignors to Eli Lilly and Company, Indianapolis, Ind. Butyrolactones and preparing them. 2,390,526; Dec. 11.

Electric Arc, Inc.: *See*—
Holslag, Claude J., assignor.

Electric Auto-Lite Company, The: *See*—
Wetzel, Fred H., assignor.
Wilson, Harland D., assignor.

Electric Boat Company: *See*—
Dennison, Edward S., assignor.

Electric Controller & Manufacturing Company, The: *See*—
Smith, Ward L., assignor.
Wright, David C., assignor.

Electric Furnace Company, The: *See*—
Vaughan, Arthur H., assignor.

Electric Heating Equipment Company: *See*—
Seifert, William C., assignor.

Electric Household Utilities Corporation: *See*—
Gerhardt, Andrew H., assignor.
Gerhardt, A. H., and Maher, assignors.

Electric & Musical Industries Limited: *See*—
Clarke, Alfred G., assignor.
Klemperer, Otto, assignor.
Vanderlyn, P. B., and White, assignors.

Electric Power Equipment Corporation: *See*—
Hawley, Kent A., assignor.

Electric Railway Improvement Company, The: *See*—
Cadwell, Charles A., assignor.

Electric Service Supplies Company: *See*—
Hallman, E. B., Weaver and McGough, assignors.

Electric Steel Foundry: *See*—
Baer, Josef, assignor.
Ehmann, Leslie G., assignor.

Electric Storage Battery Company, The: *See*—
Hall, Clarence A., assignor.
Lessey, Samuel K., assignor.
White, Curtice C., assignor.

Electrical Improvements Limited: *See*—
Mitchell, Gordon W. B., assignor.

Electricooker, Inc.: *See*—
Smith, Graydon, assignor.

Electrimatic Corporation: *See*—
Beekley, Henry L., assignor.

Electrimatic Corporation, The: *See*—
Beekley, H. L., and Lacart, assignors.
Lacart, R. H., Gilbert, and Beekley, assignors.

Electrographic Corporation: *See*—
Reilly, F. E., and Holsinger, assignors.

Electroline Mfg. Co., The: *See*—
Morgenstern, David M., assignor.

Electroloy Company, Inc., The: *See*—
Kruithosch, Harold, assignor.

Electrolux Corporation: *See*—
Anderson, Emil, assignor.
Beede, Arnold H., assignor.
Forsberg, Axel A., assignor.
Karlström, Robert, assignor.
Lofgren, Gustaf E., assignor.
Wahlberg, Eric C., assignor

Electro Manganese Corporation: *See*—
Wanamaker, E. M., Cromwell, and Chamberlain, assignors.

Electro Metallurgical Company: *See*—
Bagley, Glen D., assignor.
Crafts, Walter, assignor.
Doom, Ernest F., assignor.
Franks, Russell, assignor.
Wyckoff, Lewis B., assignor.

Electronbeam, Ltd.: *See*—
Zieblz, Herbert, assignor.

Electronic Laboratories, Incorporated: *See*—
Garstang, William W., assignor.

Electronic Products, Inc.: *See*—
Buckey, Jefferson P., assignor.

Electronic Sound Engineering Company: *See*—
Becker, Harry W., assignor.

Electrons, Inc.: *See*—
Kruger, William P., assignor.

Elektrizitats-Aktiengesellschaft Wadenswil: *See*—
Haas, Walter, assignor.

Elematic Corporation: *See*—
Ekstrom, Regner A., Jr., assignor.

Elenbas, Ivan: *See*—
Lucas, Jay J., assignor.

Eley, John, Jr.: *See*—
Campbell, Rodney B., assignor.

Elg, Gunard H., Comfrey, Minn. Electric lamp screen. 2,383,116; Aug. 21.

Elgin, Joseph C., Princeton, N. J. Treating low rank textile fibers. 2,372,561; Mar. 27.

Elgin Softener Corporation: *See*—
Kromhout, Andrew, assignor.

Elia, Adolphe R., Flushing, N. Y. Scissors or shears. 2,370,026; Feb. 20.

Elian, John, Brussels, Belgium; vested in the Alien Property Custodian. Synthetic process for preparing hydrocarbons, particularly gasoline. 2,369,548; Feb. 13.

Elkan, Fred, assignor to "Incindor", Coal Igniter Company, Inc., New York, N. Y. Fuel composition. 2,381,891; Aug. 14.

Elkin, Manuel H., Elmira Heights, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Ignition controlling device for internal-combustion engines. 2,387,891; Oct. 30.

Elkington, Frank, Sheffield, England, and H. H. Chesny, West Los Angeles, Calif. Apparatus for the manufacture of magnesium oxide. 2,373,749; Apr. 17.

Elkington, Frank, Sheffield, and H. H. Chesny, Worksop, England; said Elkington assignor to said Chesny. Production of calcium and magnesium compounds from dolomite. 2,386,389; Oct. 9.

Elkins, Roland H., Orange City, Iowa. Indoor golf practicing device. 2,375,904; May 15.

Eller, Harry E., Chicago, Ill. Portable, vertically adjustable, and collapsible stand. 2,386,450; Oct. 9.

Ellerbeck, Grant C.: *See*—
Friden, C. M., and Ellerbeck.

Ellerstein, Jack I., New York, N. Y. Hatpin. 2,366,244; Jan. 2.

Ellerstein, Jack I., New York, N. Y. Hatpin. 2,366,245; Jan. 2.

Ellerthorpe, Roy, Detroit, Mich. Beam clamp. 2,376,041; May 15.

Ellestad, Gerhard A., Rochester, and C. G. Salmon, Greece, assignors to Bausch & Lomb Optical Company, Rochester, N. Y. Ophthalmic mounting. 2,371,745; Mar. 20.

Ellestad, Gerhard A., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Ophthalmic mounting. 2,385,975; Oct. 2.

Ellinghouse, Frederick: *See*—
Aspin, F. M., and Ellinghouse.

Ellinwood, Herman R., Glendale, assignor to Adel Precision Products Corp., Burbank, Calif. Hydraulic valve. 2,370,397; Feb. 27.

Ellinwood, Herman R., Burbank, Calif., assignor to Adel Precision Products Corp. Conduit clip. 2,373,300; Apr. 10.

Ellinwood, Herman R., Burbank, Calif., assignor to Adel Precision Products Corp. Conduit supporting clip. 2,379,568; July 3.

Ellinwood, Herman R., assignor to Adel Precision Products Corp., Burbank, Calif. Conduit clip and securing means. 2,379,893; July 10.

Ellinwood, Herman R., Burbank, Calif., assignor to Adel Precision Products Corp. Hydraulic fluid volume compensator. 2,383,180; Aug. 21.

Elliott, Carleton R.: *See*—
Johnson, C. E., and Elliott.

Elliott Company: *See*—
Boyles, H., and Grabb, assignors.
Baker, V. H., and Keebler, assignors.

Elliott, Charles I., Sea Girt, N. J., and V. R. Pantalone, Hamden, Conn.; said Pantalone assignor, by mesne assignments, to Box Blank Corporation, New York, N. Y.; said Elliott assignor to Radio Corporation of America. Package for radio tubes and the like. 2,368,753; Feb. 6.

Elliott, Daniel S., assignor to The Glenn L. Martin Company, Middle River, Md. Transparent nose turret. 2,372,939; Apr. 3.

Elliott, Daniel S., Middle River, assignor to The Glenn L. Martin Company, Baltimore, Md. Bomb shackle operating mechanism. 2,380,737; July 31.

Elliott, Gordon R., Ferndale, assignor to Velvac Incorporated, Detroit, Mich. Control valve. 2,387,653; Oct. 23.

Elliott, Harmon P., Watertown, Mass. Printing device index. 2,388,315; Nov. 6.

Elliott, Harold F., Belmont, Mass. Electric control apparatus. 2,367,763; Jan. 23.

Elliott, Irwin, Croton-on-Hudson, assignor to Krum-Elliott Company, New York, N. Y., a copartnership composed of Irwin Elliott and Carl E. Krum. Dough dividing machine. 2,383,536; Aug. 28.

Elliott, Jack P., assignor to Eberle Tanning Company, Westfield, Pa. Sanding machine. 2,391,448; Dec. 25.

Elliott, Jack P., assignor to Eberle Tanning Company, Westfield, Pa. Sanding drum. 2,391,449; Dec. 25.

Elliott, John A., Jr., Teaneck, N. J. Attachment for mimeograph machines. 2,368,124; Jan. 30.

Elliott, John S.: *See*—
Evans, E. A., and Elliott.

Elliott, Laverne P., Berkeley, assignor to Standard Oil Company of California, San Francisco, Calif. Reaction of hydrocarbons. 2,368,063; Jan. 23.

Elliott, Lyle E., Battle Creek, Mich. Toy. 2,382,982; Aug. 21.

Elliott, Myron A., Washington, D. C. Apparatus and method for measuring work. 2,377,869; June 12.

Elliott, Peter M., assignor to Oil Distribution Appliances Limited, Toronto, Ontario, Canada. Relief valve structure for storage tanks for volatile liquids. 2,382,555; Aug. 14.

Elliott, Richard C., Redhill, M. R. Dewhurst, Coulsdon, and J. B. S. Booth, assignors to The Monotype Corporation Limited, Redhill, England. Photo-mechanical typographical composing machine. 2,388,961; Nov. 13.

Elliott, Stanley B., Cleveland, assignor to The Harshaw Chemical Company, Elyria, Ohio. Tin soaps and preparation thereof. 2,373,387; Apr. 10.

Elliott, Stanley B., assignor to Ferro Enamel Corporation, Cleveland, Ohio. Stabilized solutions of metallic salts. 2,390,830; Dec. 11.

Ellis, Bertram, executor, et al.: *See*—
Ellis, Carleton.

Ellis, Carleton, deceased, Montclair, N. J., by C. Ellis, Jr., and B. Ellis, Washington, D. C., and Bank of Montclair, Montclair, N. J., executors; said C. Ellis assignor to Standard Oil Development Company. Alkylation. 2,375,637; May 8.

Ellis, Carleton, Jr., executor, et al.: *See*—
Ellis, Carleton.

Ellis, Charles E., Mahwah, N. J., assignor to Sedgwick Machine Works, Inc., Poughkeepsie, N. Y. Elevator. 2,377,483; June 5.

Ellis, Charles L., Brownsville, Tex. Ground grip. 2,390,929; Dec. 11.

Ellis, Clarence E., Los Angeles, Calif. Back siphonage prevention valve. 2,372,940; Apr. 3.

Ellis, Clarence M., assignor of one-third to J. E. Devine and one-third to J. M. Prentice, Lodi, Calif. Stack pusher. 2,387,985; Oct. 30.

Ellis, Clifford A., Palisade Park, N. J. Tank vent valve. 2,371,961; Mar. 20.

Ellis, David L., assignor of one-half to P. G. Ellis, Seattle, Wash. Snow plow. 2,375,981; May 15.

Ellis, Delbert, and O. L. Taylor, Wilkinsburg, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Double-break contact. 2,384,988; Sept. 18.

Ellis, Delbert, Wilkinsburg, and O. L. Taylor, Forest Hills, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Coil support and armature guide. 2,387,892; Oct. 30.

Ellis, Dexter B., Ogden, Utah. Linotype machine accessory. 2,377,075; May 29.

Ellis, Edward J., Bartow, Fla., assignor to Southern Phosphate Corporation, Baltimore, Md. Separating quartz sand from phosphate rock. 2,384,825; Sept. 18.

Ellis, Emmett S., Pontiac, assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Weld flash trimming machine. 2,386,451; Oct. 9.

Ellis, Eugene D., Miami, Fla. Display device. 2,387,503; Oct. 23.

Ellis-Foster Company: *See*—
Burrell, Harry, assignor.
Hessel, F. A., and Rust, assignors.
Root, Frank R., assignor.
Root, F. B., and Virgin, assignors.
Rust, John B., assignor.

Ellis, Greer, Chicago, Ill., assignor, by mesne assignments, to J. L. and R. C. Switzer. Inspection light. 2,388,474; Nov. 6.

Ellis, Harold E., Lima, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Single-phase motor control. 2,382,963; Aug. 21.

Ellis, Horace R., Meadville, Pa. Garment hanger. 2,377,218; May 29.

Ellis, James, New York, N. Y. Machine for cleaning hair and scalp. 2,387,893; Oct. 30.

Ellis Laboratories, Inc.: *See*—
Shand, James B., assignor.

Ellis, Lewis S.: *See*—
Nutt, R. A., and Ellis.

Ellis, Paul G.: *See*—
Ellis, David L., assignor.

Ellis, Robert, Belleville, N. J. Flagpole and flag manipulating means. 2,377,219; May 29.

Ellis, Robert, Belleville, N. J. Apparel fastener. 2,389,298; Nov. 20.

Ellis, Robert, Belleville, N. J. Apparel closure. 2,389,299; Nov. 20.

Ellis, Robert, York, Pa. Abrasive tool. 2,379,569; July 3.

Ellis, Robert M., North Arlington, and D. C. Hungerford, Madison, assignors to Aircraft Parts Development Corporation, Summit, N. J. Flanged nut and manufacture thereof. 2,372,772; Apr. 3.

Ellis, Robert P., Belleville, N. J. Ball bearing. 2,381,730; Aug. 7.

Ellison, Samuel H., Berwyn, assignor to Tru-Ade, Inc., Chicago, Ill. Method of and apparatus for inspecting fluids. 2,368,350; Jan. 30.

Elman, Louis: *See*—
Hosbein, L. H., and Elman.

Elmer, George G., Long Island, N. Y. Electrical fixtures for use with filament gaseous lamps or the like. 2,375,354; May 8.

Ellsworth, Walter A., assignor to Seeger Refrigerator Company, St. Paul, Minn. Door construction. 2,366,894, Jan. 9.

Ellwell-Parker Electric Company, The: *See*—
Wilms, Henry F., assignor.

Elman, Helen K., and R. C. Bergmann, New York, N. Y. Portable steaming apparatus. 2,387,724; Oct. 30.

Elmendorf, Andrew G.: *See*—
Ayers, E. H., and Elmendorf.

Elmendorf, Armin, Winnetka, assignor to The Celotex Corporation, Chicago, Ill. Fiber plank. 2,377,484; June 5.

Elmendorf, Armin, Winnetka, and M. Lieff, Chicago, Ill. Making thick hardboard. 2,381,269; Aug. 7.

Elmer, William B., Winchester, Mass. Apparatus for heating and cooking. 2,379,509; July 3.

Elmore, Kelly L., Sheffield, Ala., assignor to Tennessee Valley Authority. Defluorinating rock phosphate. 2,368,649; Feb. 6.

Elmslie, Wallace P., assignor to Moorman Manufacturing Company, Quincy, Ill. Livestock feed. 2,372,476; Mar. 27.

Emulsol Corporation, The: *See*—
Katzman, M., and Epstein, assignors.

Elox Corporation: *See*—
Harding, Henry V., assignor.

Elsden, Herbert E.: *See*—
Burgoine, S. F., and Elsden.

Elsey, Howard M., Oakmont, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Controlled heat treatment of carbon bodies. 2,376,760; May 22.

Elsner, Frank, Hanover, Pa. Label pasting device. 2,384,241; Sept. 4.

Elsner, Harold W.: *See*—
Johnson, A. O., and Elsner.

Elssner, Gerhard, and E. Schröder, Leipzig, Germany; vested in the Alien Property Custodian. Production of oxidic protective layers on magnesium or its alloys. 2,382,702; Aug. 14.

Elston, Arthur A.: *See*—
Hawkinson, A. T., and Elston.
Reichert, J. S., McNeight, and Elston.

Elston, Edward P., Nottingham, assignor of three-fourths to H. R. Shaw, Shirley, England. Device for the construction or determination of angles. 2,376,315; May 15.

Elston, George F., Bloomfield, N. J., assignor to Radio Corporation of America. Voltage indicator. 2,366,320; Jan. 2.

Elverum, Gerald W.: *See*—
Callaghan, R. W., and Elverum.

Elvin, William J., Frostburg, and J. B. Steiding, Midland, Md., assignors to Celanese Corporation of America. Reel structure. 2,371,684; Mar. 20.

Elvin, William J., Frostburg, and J. B. Steiding, Midland, Md., assignors to Celanese Corporation of America. Tension indicator. 2,383,537; Aug. 28.

Elwell, George H., New Haven, Conn., assignor to Eastern Tool and Manufacturing Company, Bloomfield, N. J. Slide loop. 2,383,049; Aug. 21.

Elwell, George H., New Haven, Conn., assignor to Eastern Tool and Manufacturing Company, Bloomfield, N. J. Slide loop. 2,383,298; Aug. 21.

Elwell, George H., New Haven, Conn., assignor to Eastern Tool and Manufacturing Company, Bloomfield, N. J. Slide loop. 2,388,316; Nov. 6.

Elwell, George H., New Haven, Conn., assignor to Eastern Tool and Manufacturing Company, Bloomfield, N. J. Slide loop. 2,388,317; Nov. 6.

Elwell-Parker Electric Company, The: *See*—
Cochran, Clyde E., assignor.

Elwert, George, Conshohocken, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Sheet metal structure. 2,371,036; Mar. 6.

Elwood, Harland D., Detroit, assignor of one-half to L. A. Eastman, Wyandotte, Mich. Fire escape chute mounting. 2,375,407; May 8.

Elwood, Harland D., Detroit, assignor to Lewis A. Eastman, Wyandotte, Mich. Fire escape chute. 2,381,809; Aug. 7.

Elwood, Harland D., Detroit, assignor to Lewis A. Eastman, Wyandotte, Mich. Fire escape chute support. 2,381,810; Aug. 7.

Elwood, Harland D., Detroit, assignor to Lewis A. Eastman, Wyandotte, Mich. Fire escape apparatus. 2,381,811; Aug. 7.

Elwood, Harland D., Detroit, assignor to Lewis A. Eastman, Wyandotte, Mich. Fire escape apparatus for aerial ladder trucks. 2,381,812; Aug. 7.

Ely, Albert R., and R. B. Smith, assignors to Hercules Powder Company, Wilmington, Del. Container for blasting caps. 2,386,646; Oct. 9.

Ely, James K., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Regulating system. 2,367,933; Jan. 23.

Elseer, Michael E., Lorain, Ohio. Nursing bottle holder. 2,386,042; Oct. 2.

Emanuel, Victor L., Dubuque, Iowa. Pivot polisher. 2,375,092; May 1.

Emblen, Herbert V., and M. D. Baker, San Diego, Calif. Record filing means. 2,373,179; Apr. 10.

Embser, Richard J., Wellsville, N. Y. Mouthpiece for morticians. 2,370,850; Mar. 6.

Embury, Frederick B., assignor to Embury Manufacturing Company, Warsaw, N. Y. Emergency lighting unit. 2,369,288; Feb. 13.

Embury Manufacturing Company: *See*—
Embury, Frederick B., assignor.

Emde, Christian K., J. H. Rogers, and G. H. Posejpal, Chicago, Ill. Milling cutter. 2,374,528; Apr. 24.

Emeloid Company, Incorporated, The: *See*—
Odom, William P., assignor.

Emerson, Arthur J., deceased, Utica, by J. F. Emerson, executrix, Marshall Township, Oneida County, assignor of one-half to J. A. Ainsworth, Utica, and one-half to W. C. Young, New Hartford, and T. Steinhorst, Utica, N. Y., as trustees. Dyeing machine. 2,380,100; July 10.

Emerson, Jane F., executrix: *See*—
Emerson, Arthur J.

Emerson, John H., Cambridge, Mass. Preparing compresses. 2,381,974; Aug. 14.

Emerson, John R., Flint, Mich., assignor to Borg-Warner Corporation, Chicago, Ill. Cap screw and lock device. 2,370,944; Mar. 6.

Emerson Radio and Phonograph Corporation: *See*—
Fogel, Henry, assignor.

Emerson, Walter H., East Liverpool, Ohio, assignor to The Homer Laughlin China Company, Newell, W. Va. Cup finishing apparatus. 2,374,339; Apr. 24.

Emerson, Walter H., East Liverpool, Ohio, assignor to The Homer Laughlin China Company, Newell, W. Va. Dinnerware lining machine. 2,380,509; July 31.

Emerson, William S., Urbana, Ill. Production of secondary and tertiary amines from nitrogen compounds. 2,380,420; July 31.

Emerson, William S., Dayton, Ohio. Production of secondary amines from nitrogen compounds. 2,388,606; Nov. 6.

Emerson, William S., Dayton, Ohio. Production of tertiary amines from nitrogen compounds. 2,388,607; Nov. 6.

Emerson, William S., Dayton, Ohio. Production of secondary amines from nitrogen compounds. 2,388,608; Nov. 6.

Emerson, William S., Van Buren Township, Montgomery County, Ohio, assignor to Monsanto Chemical Company. Acetophenone. 2,372,562; Mar. 27.

Emerson, William S., Van Buren Township, Montgomery County, Ohio, assignor to Monsanto Chemical Company. Preparation of acetophenone. 2,382,867; Aug. 14.

Emerson, William S., and J. W. Heyd, Dayton, Ohio, assignors to Monsanto Chemical Company. Oxidation of aromatic hydrocarbons. 2,376,674; May 22.

Emery, Albert G., assignor to United States Rubber Company, New York, N. Y. Method of making flexible contour maps. 2,382,784; Aug. 14.

Emery, Alfred H., Wappingers Falls, N. Y. Coin holder. 2,379,695; July 3.

Emery Industries, Inc.: *See*—
Fitzpatrick, J. D., and Myers, assignors.
Myers, L. D., and Spranz, assignors.
Shields, William H., assignor.

Emery, William M., Shaker Heights, Ohio, assignor to The Rotor Tool Company. Impact clutch. 2,373,664; Apr. 17.

Emery, William M., Shaker Heights, Ohio, assignor to The Rotor Tool Company. Portable intermittent clutch tool. 2,373,665; Apr. 17.

Emery, William M., Shaker Heights, Ohio, assignor to The Rotor Tool Company. Impact clutch. 2,373,666; Apr. 17.

Emery, William M., Shaker Heights, Ohio, assignor to The Rotor Tool Company. Impact clutch. 2,373,667; Apr. 17.

Emery, William M., Shaker Heights, Ohio., assignor to The Rotor Tool Company. Motor. 2,373,668; Apr. 17.

Emery's, Thomas, Sons, Inc.: *See*—
Hard, Amos L., assignor.

Emley, Edward F., Swinton, Manchester, assignor to Magnesium Elektron Limited, London, England. Fluxes for use in the treatment of light metals. 2,372,563; Mar. 27.

Emling, John W.: *See*—
Foley, J. W., and Emling.

Emmer, Charles E., assignor to General Binding Corporation, Chicago, Ill. Making binders and split rings therefor. 2,388,397; Nov. 6.

Emmer, Wilbur J.: *See*—
Snyder, W. D., and Emmer.

Emmert, Kenneth L.: *See*—
Hensel, F. R., Emmert, and Wiggs.

Emmerton, John T., Birmingham, assignor, by mesne assignments, to British Timken Limited, Aston, Birmingham, England. Guiding gauges. 2,381,491; Aug. 7.

Emmons, Arthur N., Nedrow, N. Y. Grinding. 2,367,107; Jan. 9.

Emmons, Arthur N., Nedrow, assignor to The Porter-Cable Machine Company, Syracuse, N. Y. Woodworking machine. 2,367,461; Jan. 16.

Empire Electric Brake Company: *See*—
Klimkiewicz, Rudolph J., assignor.

Empire Electric Brake Corporation: *See*—
Penrose, William F., assignor.

Emrich, Clarence O., Pittsburgh, Pa. Packless valve. 2,388,046; Oct. 30.

Emsco Derrick & Equipment Company: *See*—
Renouf, Ralph R., assignor.
Stevenson, Edward E., assignor.
Tremolada, Guglielmo R., assignor.

Emulsol Corporation, The: *See*—
Cahn, Frank J., assignor.
Cahn, F. J., and Harris, assignors.
Epstein, A. K., and Katzman, assignors.
Katzman, Morris, assignor.

Enblom, John C., Minneapolis, Minn. Air cleaner equipped filler tube. 2,389,140; Nov. 20.

End, Gotthard, Seeburg, near Lucerne, assignor to the firm Schweizerisch Industrie-Gesellschaft, Neuhausen, Switzerland. Rifling machine. 2,382,302; Aug. 14.

Endebrock, Robert A., Cincinnati, Ohio. Soap saver tray. 2,390,874; Dec. 11.

Endres, Rudolf: *See*—
Hentrich, W., Kaiser, and Endres.

Endress, Clarence H.: *See*—
Sutherland, E. M., and Endress.

Endress, Frederick A., assignor to Tuff-Hard Corporation, Detroit, Mich. Heat-treating high-speed tool steel. 2,383,299; Aug. 21.

Endress, Frederick A., assignor to Tuff-Hard Corporation, Detroit, Mich. Packing box for the heat-treatment of ferrous material. 2,385,407; Sept. 25.

Endress, Frederick A., assignor to Tuff-Hard Corporation, Detroit, Mich. Heat-treating furnace. 2,387,129; Oct. 16.

Endsley, Louis E., Pittsburgh, Pa., assignor to The Frost Railway Supply Co., Detroit, Mich. Friction spring. 2,389,300; Nov. 20.

Endter, Waldemar A., Long Beach, Calif. Correction of latch operation. 2,366,392; Jan. 2.

Endter, Waldemar A., Long Beach, Calif. Latch and keeper combination. 2,371,386; Mar. 13.

Endter, Waldemar A., Long Beach, Calif. Latch and lock mechanism. 2,373,237; Apr. 10.

Endter, Waldemar A., Long Beach, Calif. Latch device. 2,376,992; May 29.

Eng, Martin O., Cambridge, Wis. Sanitary rack for milk can covers. 2,370,455; Feb. 27.

Engberg, Arthur W., Madison, Wis. Piston skirt expander. 2,390,431; Dec. 4.

Engberg, Ralph E.: *See*—
Miller, E. G., and Engberg.

Engberg, Ralph E., Clayton, Mo. Method and apparatus for dispensing gummed tape. 2,382,406; Aug. 14.

Engel, Bruno K., Nockeby, assignor to Aktiebolaget Separator-Nobel, Stockholm, Sweden. Producing high quality lubricating oils. 2,370,297; Feb. 27.

Engel, George C., Ridgewood, and F. L. Eidmann, deceased, by E. I. Eidmann, executrix, Princeton, N. J., assignors to General Time Instruments Corporation, New York, N. Y. Metronome. 2,375,294; May 8.

Engel, Karl H., West Englewood, N. J., assignor, by mesne assignments, to Allied Chemical & Dye Corporation. Azeotropic distillation of hydrocarbon oils. 2,376,870; May 29.

Engel, Karl H., Teaneck, N. J., assignor to Allied Chemical & Dye Corporation, New York, N. Y. Recovering substantially pure m-cresol or p-cresol. 2,382,142; Aug. 14.

Engel, Karl H., Teaneck, N. J., assignor to Allied Chemical & Dye Corporation, New York, N. Y. Recovery of pyrrole. 2,388,475; Nov. 6.

Engelbrecht, Heinz-Joachim: *See*—
Hentrich, W., Engelbrecht, and Schim.
Hentrich, W., Schirm, and Engelbrecht.

Engelhard, Hermann, Berlin, and W. Petri, Lichterfelde, near Berlin, Germany; vested in the Alien Property Custodian. Pharmaceutical preparations possessing surface-active properties. 2,375,905; May 15.

Engelhardt, Carl F., Yeadon, assignor to Wilkening Manufacturing Company, Philadelphia, Pa. Piston ring. 2,380,421; July 31.

Engelhardt, Carl F., Yeadon, assignor to Wilkening Manufacturing Company, Philadelphia, Pa. Piston ring. 2,389,141; Nov. 20.

Engelhardt, Robert H., Fort Benning, Ga. Scavenging air valve engine. 2,372,477; Mar. 27.

Engelke, Ernest F., Merchantville, N. J., assignor to Cities Service Oil Company, New York, N. Y. Lubricants containing di-phosphorus esters. 2,373,670; Apr. 17.

Engelke, Ernest F., Merchantville, N. J., assignor to Cities Service Oil Company, New York, N. Y. Organic phosphorus abietates and manufacture. 2,377,870; June 12.
Engelmann, Anton: *See*—
Hintze, R., and Engelmann.
Engels, Eugene O., assignor to Baker Perkins, Inc., Saginaw, Mich. Oven mechanism. 2,373,076; Apr. 3.
Engels, Eugene O., assignor to Baker Perkins Inc., Saginaw, Mich. Workpiece depositor for dough molders. 2,391,691; Dec. 25.
Enger-Kress Company: *See*—
Miller, Lee B., assignor.
Engholdt, Richard K., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Burner control apparatus. 2,372,564; Mar. 27.
Engholm, Nils G., Stockholm, Sweden. Detachable cuff for shirts, blouses or the like. 2,367,343; Jan. 16.
Engineer Company: *See*—
Holden, Edward A., assignor.
Engineering Laboratories, Inc.: *See*—
Scherbatskoy, Serge A., assignor.
Swift, Lawrence M., assignor.
Engineering and Research Corporation: *See*—
Berliner, Henry A., assignor.
Hoover, V. A., and Barish, assignors.
Marchant, Lee L., assignor.
Weick, Fred E., assignor.
Weick, F. E., and De Boer, assignors.
Engineering Sales Company: *See*—
Nash, James, assignor.
England, August J., Providence, R. I. Device for relieving cutters. 2,368,011; Jan. 23.
England, August J., Providence, R. I., assignor to England Manufacturing Co. Manufacture of ornamental chain. 2,366,960; Jan. 9.
England Manufacturing Co.: *See*—
England, August J., assignor.
Englander Company, Inc., The: *See*—
Pink, Chester A., assignor.
Engle, Edgar W., Huntington Woods, assignor to Carboloy Company, Inc., Detroit, Mich. Making thin-walled sintered metal articles. 2,368,458; Jan. 30.
Engle, Edgar W., Pleasant Ridge, assignor to Carboloy Company, Inc., Detroit, Mich. Forming drawing holes in carbide die nibs. 2,385,198; Sept. 18.
Engle, Edna B., St. Paul, Minn. Paper doll and making the same. 2,369,031; Feb. 6.
Engle, Loy S.: *See*—
Saunders, A., and Engle.
Engle, Robert F.: *See*—
Lawrence, C. K., and Engle.
Englehart, Orton H., Glendora, Calif. Constant pressure sprinkler. 2,380,101; July 10.
Englehart, Oscar D., Brackenridge, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Apparatus for manufacturing multiple glazed units. 2,379,220; June 26.
Engler, Max, assignor to The General Tire & Rubber Company, Akron, Ohio. Apparatus for applying cement to rubberized fabric. 2,370,298; Feb. 27.
Engler, Robert J., assignor of one-fourth to H. M. Seippel, as trustee for P. J. Seippel, Beaver Dam, Wis. Article transferring apparatus. 2,390,242; Dec. 4.
English Clays, Lovering, Pochin & Company Limited: *See*—
Davies, R. J., Dering, and Parker, assignors.
English Electric Company Limited, The: *See*—
Seewer, Paul W., assignor.
English, Elmer D.: *See*—
Langenberg, George O., assignor.
English, James, Jr., Ramden, Conn., James Bonner, and Arle J. Haagen-Smit, Pasadena, Calif., assignors to California Institute Research Foundation. Synthesis of wound hormone. 2,391,824; Dec. 25.
English, John M., Norwich, Conn. Brake mechanism. 2,376,042; May 15.
Englund, Carl, Mayfield Heights, Ohio. Structural panel. 2,386,098; Oct. 2.
Englund, Ernst E., assignor to The Ohio Cultivator Co., Bellevue, Ohio. Seed planter. 2,371,037; Mar. 6.
Englund, Leonard H., Winona, Minn. Boro-phosphoric acid and preparing the same. 2,375,638; May 8.
Englund, Walter: *See*—
Holmblad, C. A., and Englund.
Engman, Malcolm E.: *See*—
Borman, H. W., and Engman.
Enquist, Erik I., assignor to Telefonaktiebolaget L. M. Ericsson, Stockholm, Sweden. Manual switchboard. 2,366,604; Jan. 2.
Engstrom, Andrew G.: *See*—
Levinson, A. A., Julian, and Engstrom.
Engstrom, Birger, Pittsburgh, Pa. Thread protector. 2,385,408; Sept. 25.
Enoch, Duard W.: *See*—
Cohen, M., Enoch, Hasty, and Jorgenson.
Enos, John P., Union, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Thread severing device for sewing machines. 2,372,318; Mar. 27.
Enright, Camillus C., New Hope, Pa. Machine for shaping and binding articles. 2,370,642; Mar. 6.
Ensign, Albert E., Ypsilanti, and F. G. Shaub, Detroit, assignors to Ford Motor Company, Dearborn, Mich. Magnesium retort. 2,390,698; Dec. 11.
Ensign-Bickford Company, The: *See*—
Pearsall, David E., assignor.
Ensign, Elbert E.: *See*—
Ford, H., Ensign, and Quinn.
Foster, J. A., and Ensign.
Newkirk, D. L., and Ensign.
Ensign Ribbon Burners, Inc.: *See*—
Ensign, W. B., and Flynn, assignors.
Ensign, William B., and J. H. Flynn, New Rochelle, assignors to Ensign Ribbon Burners, Inc., Mount Vernon, N. Y. Filter for inspirators. 2,378,839; June 19.
Ensinger, R. L.: *See*—
Kittler, M., and Ensinger.
Ensinger, Ray, and J. H. Foote, Detroit, Mich., assignors to G. M. and E. Holley. Friction lock for screw threads. 2,384,668; Sept. 11.
Enslin, Herbert E., Beverly, Mass., and E. C. Wallace, Miami, Fla., assignors to Revair Corporation, Boston, Mass. Apparatus for inducing respiration. 2,383,181; Aug. 21.
Ensor, James L., Cookeville, Tenn. Attaching means for trapeze horizontal bars and exercising rings. 2,368,459; Jan. 30.
Enterprise Railway Equipment Company: *See*—
Batho, William F., assignor.
Campbell, Argyle, assignor.
Entringer, Engelbert, Sheboygan, Wis. Hoop stick. 2,381,581; Aug. 7.
Enz, Vern E., Turtle Creek, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Bearing assembly. 2,381,270; Aug. 7.
Eoff, Clarence N., assignor to L. A. Young Spring and Wire Corporation, Detroit, Mich. Parachute pack frame and the like. 2,374,274; Apr. 24.
Eppenstein, James F., Chicago, Ill., assignor to J. R. Thomas and Associates. Couch bed. 2,370,851; Mar. 6.
Eppler, Arthur H., Milwaukee, Wis. Sandblast mixer valve. 2,371,434; Mar. 13.
Eppler, Arthur H, Milwaukee, Wis. Sand blasting. 2,380,738; July 31.
Eppler, Walter T., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Conveyer. 2,390,785; Dec. 11.
Eppley, Garrett G., Chappaqua, N. Y. Quiz board. 2,384,539; Sept. 11.
Eppy, Samuel, Jamaica, N. Y. Mounting buttons and similar articles. 2,369,032; Feb. 6.
Epsilnos, George, et al.: *See*—
Richardson, Thomas B., assignor.
Epst, Joseph, Chicago, Ill. Treatment of animal tissue. 2,381,813; Aug. 7.
Epstein, Albert K.: *See*—
Katzman, M., and Epstein.
Epstein, Albert K., and M. Katzman, assignors to The Emulsol Corporation, Chicago, Ill. Chemical compounds and preparing same. 2,368,208; Jan. 30.
Epstein, Chester H., Highland Park, and N. R. Gotthoffer, Grayslake, assignors to Grayslake Gelatin Co., Grayslake, Ill. Citrus oil flavoring materials. 2,367,269; Jan. 16.
Epworth, Sylvia D., New York, assignor to George Spalt & Sons, Inc., Albany, N. Y. Article of furniture. 2,386,739; Oct. 9.
Equitable Paper Bag Co. Inc.: *See*—
Poppe, George W., assignor.
Erb, Edward R., Jr.: *See*—
Kemmler, J. W., and Erb.
Erb, George H., South Orange, assignor to Federal Telephone and Radio Corporation, Newark, N. J. Variable resistance device. 2,371,159; Mar. 13.
Erbguth, Paul F. K., assignor to C. J. Tagliabue Mfg. Co., Brooklyn, N. Y. Regulating instrument. 2,366,246; Jan. 2.
Erck, Louis J., Nashwauk, Minn., assignor to Minerals Beneficiation, Incorporated, Joplin, Mo. Concentrating minerals. 2,378,356; June 12.
Erck, Louis J., Cooley, Minn., assignor to Minerals Beneficiation, Incorporated, Joplin, Mo. Concentrating minerals. 2,378,357; June 12.
Erdahl, Nicholas M., assignor to Trackson Company, Milwaukee, Wis. Revolving crane. 2,381,731; Aug. 7.
Ericks, Walter P.: *See*—
Jones, L. C., and Ericks.
McClellan, P. P., and Ericks.
Moore, L. P., and Ericks.
Ericks, Walter P., Cos Cob, Conn., assignor to American Cyanamid Company, New York, N. Y. Condensation products of triazines and substitute triazines with alkylene oxides. 2,381,121; Aug. 7.
Ericks, Walter P., Stamford, and J. H. Williams, Riverside, Conn., assignors to American Cyanamid Company, New York, N. Y. Symmetrical heterocyclic disubstituted alkyloi guanidines. 2,367,569; Jan. 16.
Ericks, Walter P., Stamford, Conn., and M. C. Whitaker, assignors to American Cyanamid Company, New York, N. Y. Guanidine condensation products and derivatives thereof. 2,389,723; Nov. 27.
Erickson, Alfred, Chicago, Ill. Toolholder. 2,373,301; Apr. 10.
Erickson, Andrew L., Cincinnati, Ohio, and R. B. Haskell, Boston, Mass., assignors to Ditto, Incorporated, Chicago, Ill. Duplication system. 2,368,531; Jan. 30.
Erickson, Arvid M., San Jose, and J. D. Ryan, Campbell, assignors to Barron-Gray Packing Company, San Jose, Calif. Extraction process. 2,382,407; Aug. 14.

Erickson, Arvid M., San Jose, and J. D. Ryan, Campbell, assignors to Barron-Gray Packing Company, San Jose, Calif. Preparation of a sweetening medium from fruit. 2,385,801; Oct. 2.
Erickson, Carl V., assignor to Air Communications, Inc., Kansas City, Mo. Pressure switch. 2,381,582; Aug. 7.
Erickson, Clarence N.: *See*—
Fox, LeRoy G., assignor.
Erickson, Emil H., assignor to Safticycles, Inc., La Crosse, Wis. Clutch and brake assembly. 2,386,099; Oct. 2.
Erickson, Ewald, Watertown, Minn., assignor to Hercules Powder Company, Wilmington, Del. Distributor. 2,389,845; Nov. 27.
Erickson, Helmer E.: *See*—
Talboys, H. H., and Erickson.
Erickson, John A., Jackson, Mich. Corn shelling and shredding machine. 2,382,040; Aug. 14.
Erickson, John A., Jackson, Mich. Mixed material separator. 2,389,966; Nov. 27.
Erickson, Oliver A., Jamestown, N. Y. Ski. 2,387,061; Oct. 16.
Erickson, Stephen E.: *See*—
Christmann, L. J., and Erickson.
Ericson, George R., Kirkwood, Mo. Engine control device. 2,386,669; Oct. 9.
Ericson, George R., Kirkwood, assignor to Carter Carburetor Corporation, St. Louis, Mo. Internal-combustion engine. 2,368,012; Jan. 23.
Ericson, George R., Kirkwood, assignor to Carter Carburetor Corporation, St. Louis, Mo. Internal-combustion engine. 2,373,302; Apr. 10.
Ericson, George R., Kirkwood, assignor to Carter Carburetor Corporation, St. Louis, Mo. Internal-combustion engine. 2,379,288; June 26.
Ericson, George R., St. Louis, Mo. High velocity projectile. 2,389,846; Nov. 27.
Ericson, George R., Maplewood, assignor to Carter Carburetor Corporation, St. Louis, Mo. Internal-combustion engine. 2,379,849; July 3.
Ericson, George R., Kirkwood, and I. E. Coffey, Normandy, Mo. Fluid drive. 2,385,263; Sept. 18.
Ericson, Roy G., Danvers, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Lasting machine. 2,371,612; Mar. 20.
Ericsson, Arvid I., Chicago, Ill. Automatic camera-diaphragm adjuster. 2,388,609; Nov. 6.
Ericsson, Gustaf L., Trancberg, Sweden. Thread lock. 2,378,071; June 12.
Ericsson, Tore, assignor to Aktiebolaget Sangfabriken, Stockholm, Sweden. Wheel cot. 2,371,811; Mar. 20.
Erie Electric Company, Inc.: *See*—
Smith, Hurley, assignor.
Erie Meter Systems, Inc.: *See*—
Olsen, Louis R., assignor.
Erie Mining Company: *See*—
De Vaney, Fred D., assignor.
Erikson, Erik I.: *See*—
Swenson, F., and Erikson.
Eriksson, Gustav H., Rockford, Ill. Depth gauge. 2,375,982; May 15.
Eris, Wilson G., Napoleonville, La., assignor to The Texas Company, New York, N. Y. Production of oil. 2,380,639; July 31.
Erland af Kleen, Nils, Stockholm, Sweden, assignor to Kleen Refrigerator, Inc., Hoboken, N. J. Refrigeration apparatus of the intermittent absorption or adsorption type. 2,370,643; Mar. 6.
Erland af Kleen, Nils, Stockholm, Sweden, assignor to Kleen Refrigerator, Inc., Hoboken, N. J. Absorption refrigerating apparatus. 2,374,184; Apr. 24.
Erland af Kleen, Nils, Stockholm, Sweden, assignor to Kleen Refrigerator, Inc., Hoboken, N. J. Refrigerator. 2,374,185; Apr. 24.
Erland af Kleen, Nils, Stockholm, Sweden, assignor to Kleen Refrigerator, Inc., Hoboken, N. J. Absorption refrigerating apparatus. 2,377,332; June 5.
Erland af Kleen, Nils, Stockholm, Sweden, assignor to Kleen Refrigerator, Inc., Hoboken, N. J. Absorption and adsorption refrigerating apparatus. 2,377,333; June 5.
Erland af Kleen, Nils, Stockholm, Sweden, assignor to Kleen Refrigerator, Inc., Hoboken, N. J. Boiler-absorber. 2,384,460; Sept. 11.
Erland af Kleen, Nils, Stockholm, Sweden, assignor to Kleen Refrigerator, Inc., Hoboken, N. J. Refrigerating apparatus. 2,389,967; Nov. 27.
Erland af Kleen, Nils, Stockholm, Sweden, assignor to Kleen Refrigerator, Inc., Hoboken. Refrigeration. 2,389,968; Nov. 27.
Erland af Kleen, Nils, Stockholm, Sweden, assignor to Kleen Refrigerator, Inc., Hoboken, N. J. Refrigeration. 2,390,085; Dec. 4.
Erle, Donald Z., North Hollywood, Calif., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Torque link. 2,371,132; Mar. 13.
Erlenbach, Michael: *See*—
Pfaff, K., Erlenbach, Finkenbrink, Maier-Bode, Meisenburg, and Meisenheimer.
Ermold, Edward Co.: *See*—
Cattonar, J., and Olm, assignors.
Ernst, Daniel, assignor to Maag-Zahnräder und -Maschinen Aktiengesellschaft, Zurich, Switzerland. Apparatus for testing the pitch of gears. 2,381,975; Aug. 14.
Ernst, Earl A., Bakersfield, Calif. Grading and sacking device. 2,377,619; June 5.
Ernst, Hans.: *See*—
Decker, J., and Ernst.
Ernst, Robert C., assignor to Louisville Drying Machinery Company, Louisville, Ky. Treatment of fish water. 2,371,812; Mar. 20.
Ernst, Roman J., Detroit, Mich. Head covering. 2,372,715; Apr. 3.
Ernst, Walter: *See*—
Flowers, P. E., Ernst, and MacMillin.
Ernst, Walter, Mount Gilead, Ohio, assignor to The Hydraulic Development Corporation, Inc., Wilmington, Del. Relief valve. 2,368,754; Feb. 6.
Ernst, Walter, Mount Gilead, Ohio, assignor to The Hydraulic Development Corporation, Inc., Wilmington, Del. Hydraulic pump or motor. 2,374,592; Apr. 24.
Ernst, Walter, Mount Gilead, Ohio, assignor to The Hydraulic Development Corporation, Inc., Wilmington, Del. Turret press. 2,382,041; Aug. 14.
Ernst, Walter, Mount Gilead, Ohio, assignor to The Hydraulic Development Corporation, Inc., Wilmington, Del. Press structure. 2,384,160; Sept. 4.
Ernst, Walter, Mount Gilead, Ohio, assignor to The Hydraulic Development Corporation, Inc., Wilmington, Del. Press structure. 2,384,161; Sept. 4.
Ernst, Walter, Mount Gilead, Ohio, assignor to The Hydraulic Development Corp. Inc., Wilmington, Del. Triple action automobile body press. 2,390,359; Dec. 4.
Ernst, Walter, Mount Gilead, Ohio, assignor to The Hydraulic Development Corp. Inc., Wilmington, Del. Control mechanism for hydraulic pumps. 2,390,360; Dec. 4.
Ernst, Walter, and D. Cross, Mount Gilead, Ohio, assignors to The Hydraulic Development Corporation, Inc., Wilmington, Del. Solenoid operated valve. 2,374,593; Apr. 24.
Ersepke, Edmund T., San Francisco, Calif. Dough forming device. 2,379,956; July 10.
Erskine, Herbert W., et al.: *See*—
Fanger, Herman J., assignor.
Fanger, H. J., and Gruenhagen, assignors.
Fanger, H. J., Gruenhagen, and Shaffer.
Shaffer, Cleve F., assignor.
Ertner, August C., assignor to Federal Trading Co., Seattle, Wash. Wrench. 2,391,143; Dec. 18.
Ertola, John, New York, N. Y. Pay envelope. 2,374,275; Apr. 24.
Erwin, Guy C., Port Arthur and T. B. Lawrence, Beaumont, Tex. Fitting-up tool. 2,379,136; June 26.
Erwin, William C.: *See*—
Sperry, A. B., Nazar, and Erwin.
Esarey, Raymond W., Lima, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Centrifugal device. 2,372,064; Mar. 20.
Escher, Charles, Jersey City, N. J. Screw-top jar wrench. 2,389,301; Nov. 20.
Escher Wyss Machinenfabriken Aktiengesellschaft: *See*—
Keller, Curt, assignor.
Escobar, Anthony T., San Quentin, Calif. Gas gun. 2,384,733; Sept. 11.
Esdaile, Edward W., Sydney, New South Wales, Australia. Adjustable support for lenses and lamps used in connection with compasses and the like. 2,388,476; Nov. 6.
Esdale, Harry J., Union, N. J. Drill. 2,389,188; Nov. 20.
Eserkaln, Theodore F.: *See*—
Armitage, J. B., and Eserkaln.
Eshbaugh, Clarence H., H. S. Mitchell, and L. S. Paddock, assignors to Industrial Patents Corporation, Chicago, Ill. Dehydrating food concentrates. 2,385,068; Sept. 18.
Esher, Frederick N.: *See*—
Daly, G. F., and Esher.
Eskelson, Herbert J.: *See*—
Keeler, N. H., and Eskelson.
Eskin, Samuel G., Pittsburgh, assignor to Robertshaw Thermostat Company, Youngwood, Pa. Safety control apparatus for gaseous fuel burners. 2,380,640; July 31.
Eskin, Samuel G., and C. K. Strobel, Pittsburgh, assignors to Robertshaw Thermostat Company, Youngwood, Pa. Safety control apparatus for fuel burners. 2,366,774; Jan. 9.
Eskin, Samuel G., and C. K. Strobel, Pittsburgh, assignors to Robertshaw Thermostat Company, Youngwood, Pa. Safety control for gaseous fuel burners. 2,382,216; Aug. 14.
Eskin, Samuel G., and C. K. Strobel, Pittsburgh, assignors to Robertshaw Thermostat Company, Youngwood, Pa. Safety control for fuel burners. 2,388,130; Oct. 30.
Espenschied, Lloyd, Kew Gardens, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Communication system. 2,379,221; June 26.
Espinosa, Eduardo J., Habana, Cuba. Brassière slip conformator. 2,370,852; Mar. 6.
Espley, Dennis C., North Wembley, and J. W. Ryde, London, W. 14, assignors to The General Electric Company Limited, London, W. C. 2, England. Electrical apparatus adapted to operate at very high frequencies. 2,377,680; June 5.
Essex, Ray H., Fort Worth, Tex. Bottle cap reshaping device. 2,366,775; Jan. 9.
Essex Wire Corporation: *See*—
Murphy, Charles J., assignor.

Essick, Bryant, Los Angeles, Calif. Cooler. 2,380,586; July 31.
Essick, Bryant, Los Angeles, Calif. Pad for evaporative coolers. 2,391,558; Dec. 25.
Essl, Max, Swarthmore, Pa., assignor to The Baldwin Locomotive Works. Locomotive hood. 2,370,237; Feb 27.
Esson, Edwin, assignor to Locke Stove Company, Kansas City, Mo. Heater. 2,370,644; Mar. 6.
Esson, Edwin, assignor to Locke Stove Company, Kansas City, Mo. Heater. 2,391,144; Dec. 18.
Esson, Gordon F., assignor to Ex-Cell-O Corporation, Detroit, Mich. Multiple operation toolhead. 2,383,050; Aug. 21.
Estate Stove Company, The: *See*—
Kahn, Bertrand B., assignor.
Esterbrook, Steel Pen Manufacturing Co., The: *See*—
Klagges, Henry C., assignor.
Scott, Russell E., assignor.
Thurston, Charles E., assignor.
Esterer, Arnulf K.: *See*—
Kats, D. L., and Esterer.
Esterow, Leo, New York, N. Y. Vanity case. 2,368,918; Feb. 6.
Estes, Phillip H., Schenectady, N. Y., assignor to General Electric Company. Electromagnetic relay. 2,391,692; Dec. 25.
Estienne, Aimé, Lyons, France; vested in the Alien Property Custodian. Circuit breaker. 2,382,703; Aug. 14.
Esval, Orland E.: *See*—
Beach, L. F., Esval, and Lane.
Haskins, R., Jr., Esval, and Curry.
Esval, Orland E., Merrick, and W. Wrigley, Hempstead, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Drift indicator. 2,379,894; July 10.
Esval, Orland E., Merrick, R. S. Curry, Baldwin, C. F. Fregola, Brooklyn, and L. F. Beach, Merrick, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Flux valve compass system. 2,383,461; Aug. 28.
Esval, Orland E., Merrick, and W. Wrigley, Hempstead, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Gyro-stabilized sextant. 2,389,142; Nov. 20.
Esval, Orland E., Huntington, and W. Wrigley, East Hempstead, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Sextant. 2,389,143; Nov. 20.
Etched Products Corporation: *See*—
Penker, Ernest, assignor.
Etchelle, Eugene B., Grosse Pointe Farms, assignor to General Motors Corporation, Detroit, Mich. Making bearings. 2,377,681; June 5.
Etessam, Abdoih, Wylde Green, Sutton Coldfield, and G. A. Davies, Olton, Birmingham, assignors to Etessam Rotary Valve Company Limited, Birmingham, England. Internal-combustion engine and rotary valve therefor. 2,379,344; June 26.
Etessam Rotary Valve Company Limited: *See*—
Etessam, A., and Davies, assignors.
Ethyl Corporation: *See*—
Beatty, Harold A., assignor.
Etnyre, E. D., & Co.: *See*—
Etnyre, George M., assignor.
Etnyre, Samuel R., assignor.
Etnyre, George M., assignor to E. D. Etnyre & Co., Oregon, Ill. Distributing apparatus for bituminous and like material. 2,372,065; Mar. 20.
Etnyre, Samuel R., assignor to E. D. Etnyre & Co., Oregon, Ill. Positive displacement gear pump. 2,382,042; Aug. 14.
Etridge, Joseph J., and F. R. Himsworth, Norton-on-Tees, and V. Lefebure, London, England, assignors, by mesne assignments, to said Lefebure. Anhydrite plaster. 2,379,222; June 26.
Etten, Nicholas L., Waterloo, Iowa. Wringer. 2,388,207; Oct. 30.
Etten, Nicholas L., Waterloo, Iowa. Pivotal frame wringer. 2,389,768; Nov. 27.
Ettinger, Henry F., change of name: *See*—
Ettinger, Hermann F.
Ettinger, Hermann F., now by judicial change of name Henry Franklin Ettinger. Apparatus for determining refractive errors of the eye. 2,367,855; Jan. 23.
Ettinger, Joe J., assignor to Zimmer Manufacturing Company, Warsaw, Ind. Surgical splint. 2,391,693; Dec. 25.
Etti, Joseph, Highlands, N. J., assignor to Potdevin Machine Company, Brooklyn, N. Y. Coating machine. 2,367,856; Jan. 23.
Etsel, Gastao, Newark, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of new derivatives of aromatic amines. 2,377,682; June 5.
Eubank, Robert N., Richmond, Va. Reconditioning dry cells. 2,369,033; Feb. 6.
Euclid Road Machinery Co., The: *See*—
Armington, George E., assignor.
Armington, Raymond Q., assignor.
Armington, R. Q., S. F., and G. E., assignors.
Eudy, Harnold G., Norfolk, Va. Air or gas pump. 2,388,398; Nov. 6.
Eudy, Nathan L., Wilmington, N. C. Presser foot for sewing machines. 2,372,263; Mar. 7.
Eunson, William H., Wilkinsburg, and H. W. Graybrook, Irwin, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Commutator-seasoning apparatus. 2,383,300; Aug. 21.
Eureka Vacuum Cleaner Company: *See*—
Carlson, Vernon E., assignor.
Coss, G. E., and Comiskey, assignors.
Hollatz, A. C., and Thomas, assignors.
Lloyd, Milby W., assignor.
Mills, Herbert E., assignor.
Sherrer, John M., assignor.
Zellhoefer, G. F., Marvel, and Copley.
Eustathopulo, Marjorie E., New York, N. Y. Vaporizer. 2,390,699; Dec. 11.
Eustis, Warner, Newton, and G. B. Orrill, Western Springs, Ill., assignors to The Kendall Company, Boston, Mass. Pressure-sensitive adhesive sheets. 2,385,319; Sept. 18.
Euth, John E., Chicago, Ill., assignor to United Autographic Register Company. Bursting machine. 2,375,542; May 8.
Evalt, George J., Philadelphia, Pa. Hotel tag or the like. 2,385,778; Oct. 2.
Evangelista, Anthony J., assignor to Boston Herald-Traveler Corporation, Boston, Mass. Apparatus for assembling type characters. 2,378,473; June 19.
Evans, Arthur G.: *See*—
Orelind, J. R., and Evans.
Evans, Arthur G., Canton, Ill., assignor to International Harvester Company. Agricultural implement. 2,368,125; Jan. 30.
Evans Case Company: *See*—
Reilly, Alfred F., assignor.
Evans, Charles M., Shaker Heights, assignor to The Master Mechanics Co., Cleveland, Ohio. Roofing compound and making same. 2,377,927; June 12.
Evans, Clarence T., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electromagnetic circuit controller. 2,385,779; Oct. 2.
Evans, Cyril H., Snaresbrook, London, E. 11, England. Preparation of chlorine dioxide and nitrogen oxides. 2,390,432; Dec. 4.
Evans, Cyril H., Cleethorpes, assignor to Spillers Limited, London, England. Treatment of insect-damaged wheat. 2,389,302; Nov. 20.
Evans, David J., Tonbridge, assignor to E. C. D. Limited, Tonbridge Kent, England. Apparatus for preparing solutions. 2,378,134; June 12.
Evans, De Witt F.: *See*—
Schoen, F. C., Evans, and Schoen.
Evans, Elliott A., assignor to C. C. Wakefield & Company Limited, West Ridge, Beaconsfield, England. Lubricant. 2,367,344; Jan. 16.
Evans, Elliott A., and J. S. Elliott, assignors to C. C. Wakefield & Company Limited, Beaconsfield, England. Lubricating oil. 2,388,047; Oct. 30.
Evans, Francis C., Dongan Hills, N. Y., assignor to American District Telegraph Company, Jersey City, N. J. Fixed temperature responsive device. 2,378,135; June 12.
Evans, Francis C., Dongan Hills, N. Y., assignor to American District Telegraph Company, Jersey City, N. J. Fire detection system. 2,387,752; Oct. 30.
Evans, Francis C., Dongan Hills, and K. O. Donellan, New York, N. Y., assignors to American District Telegraph Company, Jersey City, N. J. Fire-detecting system. 2,385,976; Oct. 2.
Evans, Fred, Newark, N. J., assignor to Ronson Art Metal Works, Inc. Sharpening means for safety razors. 2,385,436; Sept. 25.
Evans, George E.: *See*—
Gutman, I., and Evans.
Evans, George E., Pittsburgh, Pa., and I. Gutman, Lynbrook, N. Y. Septic tank. 2,367,270; Jan. 16.
Evans, Gerald T., Brasil, Ind. Locating key. 2,372,716; Apr. 3.
Evans, Glenn E., Denver, Colo. Key container. 2,387,319; Oct. 23.
Evans, Hector C., Cranford, and D. W. Young, Roselle, N. J., assignors to Standard Oil Development Company. Stabilized rubber compositons. 2,380,299; July 10.
Evans, Henry M., assignor to L. W. Evans, Gloucester City, N. J. Insignia positioning device. 2,387,986; Oct. 30.
Evans, Joe, Heflin, Ala. Cultivator. 2,389,422; Nov. 20.
Evans, John L., Pine Bluff, Ark. Blowtorch. 2,366,605; Jan. 2.
Evans, Lacey H., and L. J. Huber, Minneapolis, Minn., assignors to General Mills, Inc. Producing pectinous gels and composition. 2,380,739; July 31.
Evans, Lena W.: *See*—
Evans, Henry M., assignor.
Evans, Louis P.: *See*—
Drake, L. C., and Evans, assignors.
Evans, Louis P., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Method and apparatus for contacting gases with a solid material. 2,386,670; Oct. 9.
Evans, Louis P., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Method and apparatus for the conversion of hydrocarbons. 2,389,493; Nov. 20.
Evans, Luther W., Richmond, Va. Loose-leaf holder. 2,376,423; May 22.
Evans, Martin E., Kankakee, Ill. Metal attenuation 2,374,594; Apr. 24.

Evans, Norman, and P. Docksey, Sunbury-on-Thames, assignors to Anglo-Iranian Oil Company Limited, London, England. Column head for batch fractionating columns. 2,383,377; Aug. 21.
Evans, Peter B., Wynnewood, and W. E. Scott, Drexel Hill, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Pigment dispersions. 2,379,070; June 26.
Evans Products Company: *See*—
Anderson, Raymond M., assignor.
Gross, Charles, assignor.
Evans, Ralph L., New York, and E. G. McDonough, Yonkers, assignors to Zotos Corporation, New York, N. Y. Waving hair. Re. 22,660; Aug. 7.
Evans, Ralph M.: *See*—
Hanson, W. T., Jr., and Evans.
Evans, Ralph M., assignor to Eastman Kodak Company, Rochester, N. Y. Colored photographic mask. 2,376,132; May 15.
Evans, Ralph M., and W. T. Hanson, Jr., assignors to Eastman Kodak Company, Rochester, N. Y. Photographic color correction process. 2,371,746; Mar. 20.
Evans, Ralph M., and N. D. Miller, assignors to Eastman Kodak Company, Rochester, N. Y. Combination field-evening and color-correction photographic mask. 2,384,612; Sept. 11.
Evans, Randolph: *See*—
Chapman, H. O., and Evans.
Evans, Robley D.: *See*—
Robinson, E., and Evans.
Evans, Russell T., and J. H. Clasen, Anaheim, Calif. Tractor hitch. 2,383,182; Aug. 21.
Evans, Sidney H., Berkeley, Calif. Photographic camera. 2,376,993; May 29.
Evans, Theodore W.: *See*—
Marple, K. E., Evans, and Borders.
Marple, K. E., Shokal, and Evans.
Morris, R. C., and Evans.
Williams, P. H., Ballard, and Evans.
Evans, Theodore W., Oakland, assignor to Shell Development Company, San Francisco, Calif. Recovery of olefinic hydrocarbons. 2,379,696; July 3.
Evans, Theodore W., Oakland, Rupert C. Morris, Berkeley, and Edward C. Shokal, Oakland, assignors to Shell Development Company, San Francisco, Calif. Concentrating diolefins in mixtures containing same. 2,372,941; Apr. 3.
Evans, Theodore W., Oakland, and R. C. Morris, Berkely, assignors to Shell Development Company, San Francisco, Calif. Foam prevention in vapor phase extraction processes. 2,373,951; Apr. 17.
Evans, Theodore W., Oakland, H. de V. Finch and G. W. Hearne, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Hydrogen halide recovery. 2,374,476; Apr. 24.
Evans, Theodore W., Oakland, and R. C. Morris, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Separation of vapors. 2,374,984; May 1.
Evans, Theodore W., Oakland, B. O. Blackburn, Kensington Park District, and J. R. Scheibli, Oakland, assignors to Shell Development Company, San Francisco, Calif. Recovery of olefins. 2,376,239; May 15.
Evans, Theodore W., Oakland, and W. E. Vaughan, and F. F. Rust, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Catalyzed abnormal addition reactions. 2,376,675; May 22.
Evans, Theodore W., Oakland, and P. H. Williams Berkeley, assignors to Shell Development Company, San Francisco, Calif. Insecticide. 2,379,223; June 26.
Evans, Theodore W., Oakland, and R. C. Morris, and N. C. Melchior, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Production of diolefins. 2,379,697; July 3.
Evans, Theodore W., Oakland, and R. C. Morris, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Separation of hydrocarbons. 2,389,144; Nov. 20.
Evans, Vere R., Bemidji, Minn. Fishing lure. 2,389,423; Nov. 20.
Evans, William J., Bulwell, Nottingham, England. Fixing pulleys and the like to shafts. 2,391,302; Dec. 18.
Evans, William John R.: *See*—
Bacon, R. G. R., and Evans.
Evarts, Ralph E., Aurora, assignor to The Bastian Blessing Co., Chicago, Ill. Throwover regulator. 2,380,956; Aug. 7.
Eve, Frank H., and A. E. Clarke, Luton, England. Safety razor. 2,379,479; July 3.
Everard, Frederick W., assignor to The Cleveland Crane & Engineering Company, Wickliffe, Ohio. Interlocking transfer bridge or crane. 2,383,051; Aug. 21.
Everel Propeller Corporation: *See*—
Everts, Walter W., assignor.
Hackethal, Paul F., assignor.
Everett, Arthur C., Boston, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Container cleaning machine. 2,386,043; Oct. 2.
Everett, Arthur C., Boston, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Labeling machine. 2,391,694; Dec. 25.
Everett, Philip F., Ilford, assignor of one-half to Henry Hughes & Son Limited, London, England. Motion transmitting linkwork. 2,368,813; Feb. 6.
Evering, Bernard L.: *See*—
D'Ouville, E. L., and Evering.
Everitt, David C., Milwaukee, Wis. Multistrand band manufacture. 2,374,529; Apr. 24.
Everlasting Valve Company: *See*—
Wiehl, William J., assignor.
Everston, Joseph H., Milwaukee, Wis. Shoe. 2,383,052; Aug. 21.
Evert, Charles W.: *See*—
Richards, J. R., and Evert.
Everts, Walter W., assignor to Everel Propeller Corporation, Baltimore, Md. Single-blade propeller. 2,371,160; Mar. 13.
Everts, Walter W., assignor to Everel Propeller Corporation, Baltimore, Md. Propeller. 2,373,108; Apr. 10.
Every, Elmer D., deceased, by S. F. and V. F. Every, Rochelle Park, and Peoples Trust Company, Bergen County, Hackensack, executors; assignors, by mesne assignments, to Artesian Well & Equipment Co., Inc., Rochelle Park, N. J. Well scraping tool. 2,369,222; Feb. 13.
Every, Sara F., executor, et al.: *See*—
Every, Elmer D.
Every, Virgil F., Rochelle Park, N. J. Well screen. 2,387,725; Oct. 30.
Every, Virgil F., executor, et al.: *See*—
Every, Elmer D.
Eves, Frederick S., assignor to Automotive Products Company Limited, Leamington Spa, England. Fluid pressure remote control system. 2,381,814; Aug. 7.
Evjen, Haakon M., assignor to Nordel Corporation, Houston, Tex. Electrical prospecting system. 2,375,775; May 15.
Evjen, Haakon M., assignor to Nordel Corporation, Houston, Tex. Electrical prospecting system. 2,375,776; May 15.
Evjen, Haakon M., assignor to Nordel Corporation, Houston, Tex. Electrical prospecting system. 2,375,777; May 15.
Evjen, Haakon M., assignor to Nordel Corporation, Houston, Tex. Apparatus for making geophysical explorations. 2,375,778; May 15.
Ewald, Raymond L., and H. A. Skog, Olympia, Wash., assignors to Special Equipment Company, Portland, Oreg. Fruit treating apparatus. 2,388,682; Nov. 13.
Ewaldson, Waldemar C., Millington, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Material handling apparatus. 2,386,547; Oct. 9.
Ewaldson, Waldemar C., Millington, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Distributing control device. 2,387,570; Oct. 23.
Ewart, John M., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Disintegrating cartridge belt. 2,379,510; July 3.
Ewbank, Walter J.: *See*—
Briggs, S. W., Bauer, and Ewbank.
Ewen, Alfred W., assignor to Standard Telephones and Cables Limited, London, England. Thermionic valve circuit. 2,368,351; Jan. 30.
Eweson, Eric W., New York, N. Y. Device for manipulating contact lenses. 2,379,629; July 3.
Eweson, Eric W., New York, N. Y. Adhesives and their manufacture. 2,388,910; Nov. 13.
Ewing, Frederick J., Pasadena, R. B. Secor, South Gate, and J. G. Warner, East Los Angeles, assignors to Filtrol Corporation, Los Angeles, Calif. Catalyst and forming catalysts. 2,391,312; Dec. 18.
Exact Weight Scale Company, The: *See*—
Pounds, Richard T., assignor.
Excel Auto Radiator Company: *See*—
Briskin, J., and Prosk, assignors.
Ex-Cell-O Corporation: *See*—
Brinkmann, Guenther, assignor.
Coulson, Walter, assignor.
Eglesston, Harry, assignor.
Esson, Gordon F., assignor.
Hoffer, James F., assignor.
Klomp, Alfred W., assignor.
Markstrum, John A., assignor.
Markus, August F., assignor.
Mathys, Max A., assignor.
Snader, Ira J., assignor.
Snader, I. J., and Mathys, assignors.
Excelsior Hardware Company, The: *See*—
Komenak, Albert J., assignor.
Exline, Wm., Inc.: *See*—
Falls, Harry D., assignor.
Exner, Donald W., Lima, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Limit switch. 2,389,350; Nov. 20.
Extractol Process, Ltd.: *See*—
Bonotto, Michele, assignor.
Extruded Plastics, Inc.: *See*—
Slaughter, Charles E., assignor.
Eyelet Specialty Company, The: *See*—
Book, Charles R., assignor.
Eyler, Lawrence J., Dayton, Ohio, assignor to the United States of America, as represented by the Secretary of War. Bomb release. 2,391,012; Dec. 18.
Eyre, Joseph L.: *See*—
Lycan, W. H., and Eyre.
Ezell, Augustus L., Birmingham, Ala. Metallic railroad tie. 2,386,100; Oct. 2.

F. N. F. Limited: *See*—
Bolden, G. L., and Peel, assignors.
F. & S. Machine Tool Company: *See*—
Guze, Emil B., assignor.
Faber, Benjamin S., New York, N. Y. Fabric. 2,371,038; Mar. 6.
Faber, Leon A., assignor, by mesne assignments, to The James Knights Company, Sandwich, Ill. Multiple edging and squaring radio quartz crystals. 2,383,638; Aug. 28.
Fabian, Frederick W.: *See*—
Beechem, H. A., and Fabian.
Fabrikaktiebolaget Haldataxametern: *See*—
Borg, Ernst L. S., assignor.
Slettengren, Anders I. K., assignor.
Fa-Clip Fastener Corporation: *See*—
Lesti, Arnold, assignor.
Factory Mutual Research Corporation: *See*—
Causer, Herbert W., assignor.
Fadeley, Gilbert M., Struthers, Ohio. Electrode holder. 2,389,969; Nov. 27.
Fagre, Victor A., New York, N. Y. Crotch construction for garments. 2,375,543; May 8.
Fafnir Bearing Company, The: *See*—
Cooper, Stanley M., assignor.
Potter, Howell L., assignor.
Fagan, Joseph F., West Hartford, assignor to The Bush Manufacturing Company, Hartford, Conn. Heat exchange unit. 2,368,814; Feb. 6.
Fagerlund, Arthur, New York, N. Y. Projectile. 2,371,510; Mar. 13.
Fahey, Joseph J., and M. Fleischer, Washington, D. C., and W. W. Rubey, Westmoreland Hills, Md. Extinguishing burning magnesium and the like. 2,368,209; Jan. 30.
Fahnert, Curtis E.: *See*—
Keller, J. H., and Fahnert.
Fahnestock, Frank C., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Treatment of heat transfer salts. 2,375,760; May 15.
Fåhraeus, Gustaf E.: *See*—
Ekenäs, T. D. L., and Fåhraeus.
Fåhraeus, Gustaf E., Stockholm, A. B. Lindblad, Djursholm, and S. J. Walldén, assignors to Bolidens Gruvaktiebolag, Stockholm, Sweden. Selenium rectifier. 2,375,355; May 8.
Fahrenwald, Frank A., deceased, by M. P. Fahrenwald, executrix, Chicago, Ill. Heater. 2,367,170; Jan. 9.
Fahrenwald, Marjorie P., executrix: *See*—
Fahrenwald, Frank A.
Fahy, Frank E., Bethlehem, Pa., assignor to Bethlehem Steel Company. Reinforcing bar. 2,376,761; May 22.
Fallot, René, Paris, France; vested in the Alien Property Custodian. Packing bag. 2,375,544; May 8.
Fallor, Charles W., Forest Hills, assignors to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,366,767; Jan. 9.
Fain, Jacob M., Belle Harbor, assignor to F. D. Snell, Inc., Brooklyn, N. Y. Finishing composition and making. 2,368,126; Jan. 30.
Fair, Irvin E., Lyndhurst, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Piezoelectric crystal apparatus. 2,371,613; Mar. 20.
Fairbanks, Henry N., and V. H. Jungjohann, assignors to Eastman Kodak Company, Rochester, N. Y. Safety shutter for motion picture projectors. 2,369,448; Feb. 13.
Fairbanks, Morse & Co.: *See*—
Anderson, Gordon R., assignor.
Bower, Clark D., assignor.
Dimick, William A., assignor.
Lynch, Elbert J., assignor.
Schreck, Henry, assignor.
Winkels, W. G., and Ashcroft, assignors.
Fairchild Aviation Corporation: *See*—
Roters, Herbert C., assignor.
Fairchild Camera and Instrument Corporation: *See*—
Doyle, Irving W., assignor.
Nash, Alfred G., assignor.
Fairchild Engine and Airplane Corporation: *See*—
Rondar, Arsene, assignor.
Johnson, Hales, assignor.
Fairclough, Edward, assignor to Willard Storage Battery Company, Cleveland, Ohio. Making battery separators 2,382,621; Aug. 14.
Fairey Aviation Company Limited, The: *See*—
Forsyth, Archibald G., assignor.
Forsyth, A. G., and Smith-Pert, assignors.
Fairfield Manufacturing Company: *See*—
Boor, Francis H., assignor.
Fairfield, Ronald M.: *See*—
Hunter, P. V., Allcock, and Fairfield.
Fairfield, Walter B.: *See*—
Anderson, D. G., and Fairfield.
Fairhurst, Leonard G., Gloucester, England, assignor to Rotol Limited. Variable-pitch airscrew. 2,372,416; Mar. 27.
Fairley, Frank, London, England, assignor to International Standard Electric Corporation, New York, N. Y. Electrical carrier wave signalling system. 2,370,853; Mar. 6.
Fairley, Frank E., Birmingham, L. T. Lindquist, Bessemer, and C. D. Michaels and H. C. Rodgers, assignors to Tennessee Coal, Iron and Railroad Company, Birmingham, Ala. Coating sheets. 2,388,131; Oct. 30.
Fairweather, David A. W.: *See*—
Batty, J. W., and Fairweather.
Faith, Herman E.: *See*—
Robiln, R. O., Jr., and Faith.
Winnek, P. S., and Faith.
Faith, Herman Eldridge, Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Production of sulphonylguanidines. 2,377,485; June 5.
Falardeau, Albert J., Milford, Conn. Aircraft power plant. 2,368,755; Feb. 6.
Falco, Louis A., New Haven, Conn., assignor to The Dextone Company. Shower stall. 2,389,724; Nov. 27.
Falcon, William V., Revere, Mass. Engine fuel pump. 2,375,906; May 15.
Fales, William F.: *See*—
Fales, William H., and W. F.
Fales, William H. and W. F., North Hempstead, N. Y. Casein component of water paints. 2,367,108; Jan. 9.
Falk & Company: *See*—
Church, John W., assignor.
Gutkin, Samuel S., assignor.
Falk Corporation, The: *See*—
Schmitter, Walter P., assignor.
Falk, Morris, Leominster, assignor to Independent Lock Company, Fitchburg, Mass. Door lock. 2,370,645; Mar. 6.
Falk, Sven G., assignor to Svenska Aktiebolaget Philips, Stockholm, Sweden. Speed governor for gramophones. 2,375,639; May 8.
Falk, William, Far Rockaway, Long Island, N. Y., assignor to Independent Lock Company, Fitchburg, Mass. Lock mechanism for doors. 2,370,646; Mar. 6.
Falkiner, George B. S.: *See*—
Turner, B. H., and Falkiner.
Falkins, Hillis O.: *See*—
Bell, R. T., Folkins, and Thacker.
Falkner, Albert R., New Kensington, Pa. Block transfer mechanism. 2,369,727; Feb. 20.
Faller, John, Jr.: *See*—
Wojciekunas, A. N., and Faller.
Fallert, Clifford D., assignor to Gaylord Container Corporation, St. Louis, Mo. Portable platform for lift trucks. 2,388,730; Nov. 13.
Fallesen, George E., assignor to Eastman Kodak Company, Rochester, N. Y. Print-out emulsions. 2,369,449; Feb. 13.
Fallesen, George E., assignor to Eastman Kodak Company, Rochester, N. Y. Ethyl trichloroacetate antifoggant. 2,378,203; June 12.
Fallesen, George E., assignor to Eastman Kodak Company, Rochester, N. Y. Mandelic acid antifoggants. 2,378,204; June 12.
Fallesen, George E., assignor to Eastman Kodak Company, Rochester, N. Y. Chloroaniline antifoggants. 2,384,613; Sept. 11.
Fallesen, George E., and J. A. Leermakers, assignors to Eastman Kodak Company, Rochester, N. Y. Sensitized photographic emulsion. 2,378,917; June 26.
Fallon, Thomas A., Sr., Washington, D. C. Stool or chair. 2,369,289; Feb. 13.
Falls, Harry D., assignor to Wm. Exline Inc., Cleveland, Ohio. Binder. 2,382,556; Aug. 14.
Falls, John F., New Paltz, N. Y. Pipe-cutting machine. 2,379,630; July 3.
Falsley, Marinus J., Avon-by-the-Sea, and S. Sims, Red Bank, N. J. Tire carrier. 2,383,476; Aug. 28.
Faltico, Frank J., assignor to The Maico Company, Incorporated, Minneapolis, Minn. Automatic volume control circuit. 2,373,180; Apr. 10.
Faltico, Frank J., assignor to the Maico Company Incorporated, Minneapolis, Minn. Hearing aid device. 2,390,243; Dec. 4.
Famolare, Joseph P., Chestnut Hill, Mass. Shoe. 2,386,786; Oct. 16.
Fancher, Henry B., Scotia, N. Y., assignor to General Electric Company. Concentric transmission line termination. 2,382,217; Aug. 14.
Fanger, Herman J., et al.: *See*—
Shaffer, Cleve F., assignor.
Fanger, Herman J., Piedmont, Calif. Hand grenade gun adapter. 2,368,064; Jan. 23.
Fanger, Herman J., Piedmont, assignor of thirty per cent to M. C. Mogensen, Martinez, thirty per cent to H. W. Erskine, Piedmont, thirty per cent to C. F. Shaffer, San Francisco, and five per cent to H. Gruenhagen, Oakland, Calif. Projectile fuse. 2,378,626; June 19.
Fanger, Herman J., and H. Gruenhagen, Oakland, assignors of thirty per cent to M. C. Mogensen, Martinez, thirty per cent to H. W. Erskine, Piedmont, thirty per cent to C. F. Shaffer, San Francisco, Calif., five per cent to said H. Gruenhagen, and five per cent to said H. J. Fanger. Portable ground mortar. 2,378,691; June 19.
Fanger, Herman J., and H. Gruenhagen, Oakland, and C. F. Shaffer, San Francisco, assignors of thirty per cent to M. C. Mogensen, Martinez, thirty per cent to H. W. Erskine, Piedmont, Calif., thirty per cent to said C. F. Shaffer, five per cent to said H. Gruenhagen, and five per cent to said H. J. Fanger. Mounting device for projectiles. 2,383,053; Aug. 21.

Fankhouser, Leonard E., and E. H. Glotfelty, assignors to Industrial Machine and Supply Co., Pittsburgh, Pa. Lubricating coupler. 2,390,930; Dec. 11.
Fannin, Raymond B., Denver, Colo. Filling liquid gas bottles. 2,387,894; Oct. 30.
Fanton, Emilio L., and R. R., Buenos Aires, Argentina. Wool cleaning machine. 2,373,238; Apr. 10.
Fanton, Roberto R.: *See*—
Fanton, Emilio L. and R. R.
Faragó, Julius, Budapest, Hungary; vested in the Alien Property Custodian. Apparatus for refrigeration. 2,378,692; June 19.
Farber, Eduard: *See*—
Wallerstein, J. S., Alba, and Farber.
Färber, Eduard, assignor to Polyxor Chemical Co., Inc., New Haven, Conn. Utilization of wood acids. 2,367,462; Jan. 16.
Faris, Harold P., Philadelphia, Pa., and J. E. White, Trenton, N. J., assignors to National Automotive Fibres, Inc., Detroit, Mich. Conveyer structure. 2,371,747; Mar. 20.
Faris, Harold P., Philadelphia, Pa., and J. E. White, Trenton, N. J., assignors to National Automotive Fibres, Inc., Detroit, Mich. Distributor structure. 2,385,780; Oct. 2.
Faris, Harold P., Philadelphia, Pa., and J. E. White, Trenton, N. J., assignors to National Automotive Fibres, Inc., Detroit, Mich. Distributor structure. 2,385,781; Oct. 2.
Faris, Harold P., Philadelphia, Pa., and J. E. White, Trenton, N. J., assignors to National Automotive Fibres, Inc., Detroit, Mich. Making cemented pile carpet. 2,389,657; Nov. 27.
Farkas, Eugene J.: *See*—
Sheldrick, L. S., Farkas, and Nador.
Farkas, Kálmán, Budapest, Hungary; vested in the Alien Property Custodian. Boat. 2,369,034; Feb. 6.
Farkas, Lorraine, New York, N. Y. Tray. 2,369,728; Feb. 20.
Farkas, William, and I. Friedman, Brooklyn, N. Y. Tip holder and feeder for sewing machines. 2,378,072; June 12.
Farley, Ralph C., and J. W. Gillespie, Henderson, Tex. Hydraulic lifting mechanism. 2,366,777; Jan. 9.
Farlow, Mark W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of hexamethylene di-isocyanate. 2,374,340; Apr. 24.
Farlow, Mark W., and G. M. Whitman, Brandywine Hundred, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of carboxylic acids. 2,390,576; Dec. 11.
Farmer, Clyde C.: *See*—
Down, S. G., and Farmer.
Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Control device. 2,379,289; June 26.
Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Slack adjuster. 2,381,212; Aug. 7.
Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Automatic drain valve. 2,383,244; Aug. 21.
Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Variable load brake. 2,385,130; Sept. 18.
Farmer, Ernest H., Radlett, assignor to The British Rubber Producers' Research Association, London, England. Preparation of oil resisting rubbers. 2,379,345; June 26.
Farmer, Frank H., deceased, by M. E. Farmer, executrix, Hinsdale, Ill., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Booster regulator. 2,381,271; Aug. 7.
Farmer, Horace V., Sault Ste. Marie, Ontario, Canada. Multiple type vacuum cups. 2,385,977; Oct. 2.
Farmer, Melvin M., Blue Island, Ill. Invalid transfer device. 2,375,907; May 15.
Farmer, Melvin M., Blue Island, Ill. Invalid transfer device. 2,375,908; May 15.
Farmer, Melvin M., Blue Island, Ill. Seat for invalid transfer devices. 2,380,102; July 10.
Farmer, Millie E., executrix: *See*—
Farmer, Frank H.
Farmers Mercantile Company: *See*—
Renault, Jean C., assignor.
Farner, Lewis S., New Kensington, Pa. Sanding machine. 2,370,723; Mar. 6.
Farnham, Merle G.: *See*—
Helmer, R. G., and Farnham.
Farnsworth, Fordyce B.: *See*—
Hanlon, R. H., and Farnsworth.
Farnsworth Television and Radio Corporation: *See*—
Bartels, Arnold H., assignor.
Cawein, Madison, assignor.
Hallmark, Clyde E., assignor.
Halstead, William S., assignor.
Huffnagle, George W., assignor.
Johnson, Lambert L., assignor.
Kahl, F., and Booher, assignors.
Knox, A. L., and Kahl, assignors.
Mayle, Louis F., assignor.
Farnsworth Television and Radio Corporation: *See*—Continued
Nelson, Arthur L., assignor.
Nelson, Walter H., assignor.
Pressley, Jackson H., assignor.
Sanders, Robert W., assignor.
Small, Thomas W., assignor.
Weaver, Jerald D., assignor.
White, J. W., and ter Veen, assignors.
Farnum, Frederick E.: *See*—
Bessin, H. E., and Farnum.
Farny, Cyril, St. Charles, assignor to The Rudolph Wurlitzer Company, Chicago, Ill. Vertical piano action. 2,383,301; Aug. 21.
Farr, Wanda K., Yonkers, N. Y., assignor to The Chemical Foundation, Incorporated. Rayon. 2,371,233; Mar. 13.
Farr, Warren H., Detroit, Mich., assignor, by mesne assignments, to Budd Induction Heating, Inc., Philadelphia, Pa. Reinforced explosive projectile. 2,368,210; Jan. 30.
Farr, Warren H., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Brake mechanism. 2,374,853; May 1.
Farr, Warren H., Grosse Pointe Farms, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Trailer. 2,387,504; Oct. 23.
Farr, Warren H., Grosse Pointe Farms, and E. P. Hawthorne, Detroit, Mich., assignors to Budd Wheel Company, Philadelphia, Pa. Work holder. 2,372,478; Mar. 27.
Farrand, Maud M., Marshall, Ark. Display device. 2,374,341; Apr. 24.
Farrar, John F. P.: *See*—
Toepper, G., and Farrar.
Farrel-Birmingham Company, Incorporated: *See*—
Gordon, William A., assignor.
Kuehn, Howard E., assignor.
Kuhns, Austin, assignor.
Winslow, Albert E., assignor.
Farrell, Edward J. S., administrator: *See*—
Tappan, Charles O.
Farrell, Frederick L.: *See*—
Farrell, S. T. and F. L.
Farrell, Sydney T. and F. L.
Farrell, Frederick W., West Brookfield, assignor to Plymouth Cordage Company, Plymouth, Mass. Authenticating device for filled bottles and the like. 2,368,815; Feb. 6.
Farrell, James K., and W. C. Eichelberger, Syracuse, assignors to The Solvay Process Company, New York, N. Y. Separation of chlorine and sulphur dioxide. 2,377,138; May 29.
Farrell, Lawrence S., assignor to S. F. Bowser & Company, Incorporated, Fort Wayne, Ind. Portable filter. 2,389,189; Nov. 20.
Farrell, Sydney T., Belmont, Mass. Explosive projectile. 2,375,983; May 15.
Farrell, Sydney T. and F. L., Belmont, Mass. Protective apparatus. 2,375,984; May 15.
Farrell, Sydney T. and F. L., Belmont, Mass. Bolt. 2,391,232; Dec. 18.
Farrell, Thomas B., Pittsburgh, Pa. Urinary appliance. 2,379,346; June 26.
Farrell, Valdemar C., New York, N. Y. Lifeboat drain and plug. 2,367,718; Jan. 23.
Farrington, Bruce B.: *See*—
Kavanagh, F. W., Farrington, and Clayton.
Farrington, Bruce B., Berkeley, assignor to Standard Oil Company of California, San Francisco, Calif. Compounded lubricant. 2,370,299; Feb. 27.
Farrington, Bruce B., Berkeley, assignor to Standard Oil Company of California, San Francisco, Calif. Lubricant. 2,370,300; Feb. 27.
Farrington, Bruce B., J. O. Clayton, and J. T. Rutherford, Berkeley, assignors, by mesne assignments, to California Research Corporation, San Francisco, Calif. Compounded mineral oil. 2,382,043; Aug. 14.
Farrington, Robert K.: *See*—
Farrington, T. B. and R. K., and Dalsell.
Farrington, T. B. and R. K., and Keller.
Farrington, Thayer B. and R. K., Cleveland Heights, and W. T. Keller, assignors to The Thompson Electric Company, Cleveland, Ohio. Lamp hanger stem and guide. 2,377,871; June 12.
Farrington, Thayer B. and R. K., Cleveland Heights, and H. L. Dalsell, assignors to The Thompson Electric Company, Cleveland, Ohio. Multiple contact lamp hanger. 2,377,872; June 12.
Farris, John F.: *See*—
Martin, C. A., and Farris.
Farris, Victor W., New York, N. Y. Power transmission means. 2,374,672; May 1.
Farson, Ernest, Xenia, Ohio. Adjustable leg. 2,384,020; Sept. 4.
Fasce, Egi V., Baton Rouge, La., assignor to Standard Oil Development Company. Separation of acetylenes from hydrocarbon mixtures. 2,384,902; Sept. 18.
Fasce, Egi V., Baton Rouge, La., assignor, by mesne assignments, to Jasco, Incorporated. Selective extraction of diolefins from hydrocarbon mixtures. 2,386,044; Oct. 2
Fasce, Egi V., and L. E. Pirkle, Baton Rouge, La., assignors, by mesne assignments, to Jasco, Incorporated. Extraction of butadiene. 2,389,658; Nov. 27.

Fash, Ralph H., Trustee: *See*—
Campbell, J. G., and (Fash, assignor).
Fashion Frocks, Inc.: *See*—
Skinner, Charles W., assignor.
Fasick, Leland B., Richmond, Ind., assignor to International Harvester Company. Fertilizer distributor. 2,368,127; Jan. 30.
Fasken, Norman R.: *See*—
Andersen, A. H., and Fasken.
Fasold, George A., Mount Healthy, Ohio, assignor to The Philip Carey Manufacturing Company. Mixing machine. 2,368,977; Feb. 6.
Fasold, George A., Mount Healthy, and H. W. Greider, Wyoming, Ohio, assignors to The Philip Carey Manufacturing Company. Bituminous paint. 2,385,437; Sept. 25.
Fasold, George A., Mount Healthy, and H. W. Greider, Wyoming, Ohio, assignors to The Philip Carey Manufacturing Company. Fire extinguishing composition and the manufacture thereof. 2,385,500; Sept. 25.
Fassel, Elgin G., Milwaukee, Wis. Photographic recording method and equipment. 2,367,673; Jan. 23.
Fassel, Elgin G., Milwaukee, Wis. Document reading microscope. 2,372,192; Mar. 27.
Fassel, Elgin G., Milwaukee, Wis. Filter controlled photographic recording equipment. 2,372,890; Apr. 3.
Fassin, Gustave, Grosse Pointe, Mich., assignor to Argus, Inc. Mirror prism for optical instruments. 2,378,396; June 19.
Fast, Marion L.: *See*—
Firth, D., and Fast
Fate, Jessee E., Jr.: *See*—
McKissick, W. H., and Fate.
Faulhaber, Roland W., Monroeville, Ohio. Cycle saddle post. 2,374,809; May 1.
Faulk, Donald P., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric control circuits. 2,372,068; Mar. 20.
Faulk, Donald P., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electronic full cycle timing control. 2,389,351; Nov. 20.
Faulkner, Carlton W., Santa Monica, assignor to Twentieth Century-Fox Film Corporation, Los Angeles, Calif. Voltage regulation for rectifiers. 2,373,750; Apr. 17.
Faulkner, June E., Chicago, Ill. Beverage. 2,391,559; Dec. 25.
Faulkner, Michael: *See*—
Hicks, Paris P., assignor.
Faultless Caster Corporation: *See*—
Noelting, W. H., and Prothero, assignors.
Faunce, Samuel I.: *See*—
Maud, F., and Faunce.
Faure, Marthe, Tulsa, Okla. Shopping cart. 2,372,372; Mar. 27.
Faus, Harold T., Lynn, Mass., assignor to General Electric Company. Magnetic transmission. 2,371,511; Mar. 13.
Fauser, Richard, Kenmore, assignor to M S W Manufacturing Company, Incorporated, Buffalo, N. Y. Machine for cutting metal parts. 2,366,247; Jan. 2.
Fausset, Ernest R.: *See*—
Poole, L. E., and Fausset.
Fausset, Ernest R., Ingalls, and F. L. Zion, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Armature coil lead staking machine. 2,385,619; Sept. 25.
Faust, Alexander L., New York, N. Y. Laundry marking machine. 2,370,152; Feb. 27.
Faust, Charles L., assignor to Battelle Memorial Institute, Columbus, Ohio. Anodically polishing stainless steel. 2,366,712; Jan. 9.
Faust, Charles L., assignor to Battelle Memorial Institute, Columbus, Ohio. Anodically polishing nickel. 2,366,713; Jan. 9.
Faust, Charles L., assignor to Battelle Memorial Institute, Columbus, Ohio. Electrolyte for and anodically polishing copper. 2,366,714; Jan. 9.
Faust, Charles L., assignor to Battelle Memorial Institute, Columbus, Ohio. Anodically polishing zinc. 2,373,466; Apr. 10.
Faust, Edmund H., Elmont, O. C. Hollstein, Elmhurst, N. Y., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Manual tilt table. 2,379,071; June 26.
Faust, Ellwood L.: *See*—
Pool, S. D., and Faust, assignors.
Fauver, Stanley T.: *See*—
Helseth, S. T., and Fauver.
Fauver, Louis, Goshen, N. Y. Speed indicator and control. 2,374,985; May 1.
Fawcett, Eric W. M., and E. S. Narracott, Sunbury-on-Thames, assignors to Anglo-Iranian Oil Company Limited, London, England. Processing of hydrocarbons. 2,389,659; Nov. 27.
Fawcett, Eric W. M., and E. S. Narracott, Sunbury-on-Thames, assignors to Anglo-Iranian Oil Company Limited, London, England. Isomerization process. 2,389,660; Nov. 27.
Fawcett, Eric W. M., and E. S. Narracott, Sunbury-on-Thames, assignors to Anglo-Iranian Oil Company Limited, London, England. Processing of hydrocarbons. 2,391,775; Dec. 25.
Fawick, Thomas L., Akron, Ohio. Clutch. 2,375,909; May 15.
Fawick, Thomas L., Akron, Ohio. Making crankcases. 2,382,303; Aug. 14.
Fawkes, Donald G., assignor to Crane Co., Chicago, Ill. Valve closure member. 2,367,640; Jan. 16.
Fawkes, Donald G., Chicago, Ill., assignor to Crane Co., Chicago, Ill. Valve operating system. 2,387,215; Oct. 16.
Faximile, Inc.: *See*—
Hogan, John V. L., assignor.
Reesler, Hugh C., assignor.
Tribble, William H., assignor.
Fay, Albert H., Jr., Nyack, assignor to The Patent and Licensing Corporation, New York, N. Y. Fastening device. 2,367,109; Jan. 9.
Fay, Clifford E.: *See*—
Clark, J. E., Fay, and Ronci.
Fay, Horace B. and T. H., Willoughby, assignors to Gridiron Steel Company, Cleveland, Ohio. Ventilated wooden ironing table top. 2,386,045; Oct. 2.
Fay, Joseph W. and R. Villa Park, Ill.; said R. Fay assignor to said J. W. Fay. Retaining means. 2,371,234; Mar. 13.
Fay, Rudolph: *See*—
Fay, Joseph W., and R.
Fay, Thomas H.: *See*—
Fay, Horace B. and T. H.
Fayers, Alfred A., Heston, England, assignor to Philco Corporation. Audio amplifier system. 2,367,110; Jan. 9.
Fear, Ernest D., assignor of thirty percent to I. E. Fear, and twenty percent of Helendoris Murphy, Kansas City, Mo. Making homogenized milk products. 2,374,427; Apr. 24.
Fear, Irving E., et al.: *See*—
Fear, Ernest D., assignor.
Fearey, James E.: *See*—
Huebner, D. W., and Fearey.
Fearon, Robert E.: *See*—
Scherbatskoy, S. A., Fearon, Neufeld, and Swift.
Fearon, Robert E., assignor to Well Surveys, Incorporated, Tulsa, Okla. Well survey method and apparatus. 2,388,532; Jan. 30.
Fearon, Robert E., assignor to Well Surveys, Incorporated, Tulsa, Okla. Well survey method and apparatus. 2,390,433; Dec. 4.
Fearon, Robert E., Tulsa, Okla., assignor to Well Surveys, Incorporated. Well logging method. 2,390,931; Dec. 11.
Feasley, Charles F.: *See*—
Badertscher, D. E., Crowley, and Feasley.
Feaster, Allen F., Boulder, Colo. Universal lathe tool post. 2,374,477; Apr. 24.
Featherer, Ralph L.: *See*—
Batchelder, G. W., Featherer, and Hughes.
Fechheimer, Carl J., Milwaukee, Wis. Cooling means for dynamoelectric machines. 2,381,122; Aug. 7.
Fechheimer, Paul R.: *See*—
Hallead, M., and Fechheimer.
Fechtenburg, Jörgen F. H., Cheltenham Township, Montgomery County, Pa. Airplane carrier. 2,381,583; Aug. 7.
Fedden, Alfred H. R., and F. M. Owner, Bristol, England; F. M. Thomas, North Adams, Mass., and S. W. Mansell, assignors to The Bristol Aeroplane Company Limited, Bristol, England. Power plant for aircraft. 2,389,778; Nov. 27.
Fedders Manufacturing Company, Inc.: *See*—
Worth, W., Walker, and Whitt, assignors.
Feder, Abe H., New York, N. Y. Lamp. 2,369,778; Feb. 20.
Federal Cartridge Corporation: *See*—
Hoffman, H. W., and Helmer, assignors.
Federal Electric Company, Inc.: *See*—
Goldstein, P., and Gilliette, assignors.
Richter, H. W., and Gillette, assignors.
Kopp, Carl J., assignor.
Federal Electric Products Company, Inc: *See*—
Ballou, R. P., and Daly, assignors.
Christensen, Paul M., assignor.
Cole, Thomas M., assignor.
Taylor, Tracy B., assignor.
Federal Flooring Corporation, The: *See*—
Donelson, W. W., and Downey, assignors.
Federal-Mogul Corporation: *See*—
Smith, Salem A., assignor.
Federal Products Corporation: *See*—
Worthen, John H., assignor.
Federal Security Agency, the Government of the United States, as represented by the Administrator of the: *See*—
Hertz, R., and Sebrell, assignors.
Federal Telegraph Company: *See*—
Alford, Andrew, assignor.
Federal Telephone & Radio Corporation: *See*—
Alford, Andrew, assignor.
Alford, A., and Fuchs, assignors.
Alford, A., and Patterson, assignors.
Alford, A., Segerstrom, and Capen, assignors.
Boehler, C. F. J., and Bleke, assignors.
Busignies, H. G., and Richardson, assignors.
Butler, Seth E., assignor.
Charchian, Benjamin M., assignor.
Chevigny, Paul G., assignor.
Clarke, Carole A., assignor.

Federal Telephone & Radio Corporation: *See*—Continued
Delorraine, E. M., and de Rosa, assignors
Dodington, Sven, H. M., assignor.
Erb, George H., assignor.
Frankel, Sidney, assignor.
Goodale, Lynn C., assignor.
Hoffman, Ross B., assignor.
Hotine, William, assignor.
Iden, Floyd W.
Jammer, Jacob S., assignor.
Kandolan, Armig G., assignor.
Kotterman, Chester A., assignor.
Leibe, Frank A., assignor.
McGuigan, William D., assignor.
Miller, A. J., and Sauerborn, assignors
Prall, James R., assignor.
Regan, Edmund J., assignor.
Richardson, Avery G., assignor.
Rifenbergh, Clare M., assignor.
Ryan, Albert O., assignor.
Saslaw, Max R., assignor.
Saslaw, Otto, assignor.
Saslaw, O., and Carlson, assignors.
Segerstrom, Carl A., Jr., assignor.
Shank, Clifford A., assignor.
Sherman, Vernon W., assignor.
Shoemaker, George R., assignor.
Skinker, Murray F., assignor.
Suydam, Clinton H., assignor.
Watts, Chester B., Jr., assignor.
Federal Trading Co.: *See*—
Ertner, August C., assignor.
Federighi, George J., San Francisco, Calif. Rinsing head for automatic dishwashers. 2,388,258; Nov. 6.
Federman, Jack, Brooklyn, N. Y. Coat garment. 2,379,511; July 3.
Fedorn, Hans R., Oxford, England. Loose-leaf filing device. 2,372,717; Apr. 3.
Federwitz, Theodore A., and H. Grotewold, assignors to Stokes & Smith Company, Philadelphia, Pa. Adhesive applying system. 2,384,021; Sept. 4.
Fedje, Ida J., Minneapolis, Minn. Egg separator. 2,383,245; Aug. 21.
Fedorchak, William J., Granite City, Illinois, assignor to Owens-Illinois Glass Company. Article handling apparatus. 2,371,748; Mar. 20.
Feeley, Henry J.: *See*—
Amrhein, H. L., and Feeley.
Feenaughty Machinery Co.: *See*—
Baker, Rhea V., assignor.
Feeney, Terence W., Wellington, New Zealand. Back lash take-up. 2,389,035; Nov. 13.
Fees, John N., Spokane, assignor to H. Brandt, Palouse, and L. O. Ballard, Spokane, Wash. Loader. 2,381,892; Aug. 14.
Feese, Fred F: *See*—
Hallenius, A. R., and Feese.
Fehling, Hans R., London, England. Internal-combustion engine and combustion mixture therefor. 2,376,479; May 22.
Feicht, Robert N., Dayton, Ohio. Calculator. 2,373,671; Apr. 17.
Feichter, Harold R., Canton, Ohio, assignor to United States Quarry Tile Company. Arbor chuck. 2,366,778; Jan. 9.
Feider, Mathias, Madison, Ind. Gutter hanger. 2,389,494; Nov. 20.
Feight, Oscar J., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Grinder. 2,379,957; July 10.
Feikert, Adrian H.: *See*—
Szegvari, A., and Feikert
Feilchenfeld, Arthur, Jr.: *See*—
Olsen, A. G., and Fehlberg.
Utley, R. C., and Feilchenfeld.
Feild, Alexander L., Towson, Md., assignor to Rustless Iron and Steel Corporation. Alloy process. 2,378,397; June 19.
Feild, Alexander L., Towson, Md., assignor to Rustless Iron and Steel Corporation. Alloy process. 2,387,130; Oct. 16.
Feild, Alexander L., Towson, Md., assignor to Rustless Iron and Steel Corporation. Grinding dust separation. 2,388,731; Nov. 13.
Feiler, William, West New York, N. J., assignor to Arrow Manufacturing Company Incorporated, Hoboken, N. J. Attachment to stamping machines or the like for holding and feeding strips. 2,369,551; Feb. 13.
Feilx, Fremont and A. C. Hugin, Schenectady, N. Y., assignors to General Electric Company. Dynamoelectric machine. 2,387,062; Oct. 16.
Felix, Friedrich, and W. Zurcher, deceased, Basel, by J. Zurcher, administrator, Horgen, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Nitro sulphate azo dyes. 2,387,987; Oct. 30.
Felix, Friedrich, and W. Zurcher, deceased, Basel, by J. Zurcher, administrator, Horgen, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Nitration products of monoazo dyestuffs. 2,387,988; Oct. 30.
Fein, Martin L.: *See*—
Fisher, C. H., and Fein.
Feinauer, Lyman R., and R. S. Payne, Salt Lake City, Utah, assignors to Remington Arms Company, Inc., Bridgeport, Conn. Liquid purification. 2,383,302; Aug. 21.
Feinberg, Archie S., Dallas, Tex. Air conditioning apparatus. Re. 22,675; Sept. 25.
Feinbloom, William, New York, N. Y. Perimeter. 2,374,854; May 1.
Feindel, Abbott, East Orange, assignor to Tung-Sol Lamp Works, Inc., Newark, N. J. Electronic device. 2,377,334; June 5.
Feisst, Walter, O. Roelen, and W. Schuff, Oberhausen-Holten, Germany; vested in the Alien Property Custodian. Synthesis of multilink hydrocarbons from hydrogen and carbon monoxide. 2,369,956; Feb. 20.
Felber, John, Hillside, N. J., assignor to American Can Company, New York, N. Y. Sheet treating machine. 2,371,161; Mar. 13.
Felch, Edwin P., Jr.: *See*—
Dennis, F. R., and Felch.
Felch, Edwin P., Jr., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Automatic measuring of cross talk. Re. 22,620; Mar. 20.
Felcher, Fred R., Chicago, Ill. Apparatus for making artificial teeth. 2,368,816; Feb. 6.
Feldhausen, Cyril P., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Controller for multimotor drives. 2,379,072; June 26.
Feldman, Bernard M.: *See*—
Feldman, Max and B. M.
Feldman, Max, Miami Beach, Fla. Safety razor. 2,366,445; Jan. 2.
Feldman, Max and B. M., Detroit, Mich. Igniting tip for cigarettes and the like. 2,371,287; Mar. 13.
Feldstein, Henry H., Cleveland, Ohio. Crystallizing apparatus. 2,379,895; July 10.
Feldtkeller, Carl L., assignor to Solar Corporation, Milwaukee, Wis. Transfer mechanism for grid panels. 2,380,957; Aug. 7.
Feldtkeller, Carl L., assignor to Solar Corporation, Milwaukee, Wis. Transfer mechanism for grid panels. 2,381,153; Aug. 7.
Felix, Friedrich, and A. Heckendorn, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Mixture of azo dyestuffs. 2,384,734; Sept. 11.
Felker, Lester L.: *See*—
Martz, Loyd C., assignor.
Fell, Hugh P.: *See*—
Lemmel, P. T., and Fell.
Fell, Norbert H., assignor to Parke, Davis & Company, Detroit, Mich. Biological product and obtaining same. 2,372,066; Mar. 20.
Fell, Norbert H., assignor to Parke, Davis & Company, Detroit, Mich. Biological product and obtaining same. 2,376,424; May 22.
Fellman, Abraham C., Norfolk, Va. Threaded shoe sole and heel. 2,383,117; Aug. 21.
Fellner, Phyllis K., Los Angeles, Calif. Flexible band knife. 2,390,700; Dec. 11.
Fellows Gear Shaper Company, The: *See*—
King, Harry, assignor.
Miller, Edward W., assignor.
Ross, Walter F., assignor.
Fellows Gear Shaper Company, The, et al.: *See*—
Ross, Walter F., assignor.
Felsecker, John J., Calumet City, Ill., assignor to Graver Tank & Mfg. Co. Liquid treatment. 2,377,545; June 5.
Felt Products Manufacturing Co.: *See*—
Crampton, Donald S., assignor.
Felt and Tarrant Manufacturing Company: *See*—
Turck, Joseph A. V., assignor.
Feltes, Frances E.: *See*—
Gray, Walter L., assignor.
Feltman, Eric G.: *See*—
Strauss, A., Feltman, Hunt, and Harbaugh.
Felton, S. A., & Son Company: *See*—
Cadeau, Alvin P., assignor.
Felver, Richard I., and B. F. Parr, Mansfield, Ohio, assignors to Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa. Toasting apparatus. 2,378,073; June 12.
Felzer, William, and S. Weinberg, San Francisco, Calif. Compressor. 2,387,505; Oct. 23.
Feman, Louis G., Jamaica, N. Y. Protective helmet. 2,383,597; Aug. 28.
Fendring, Harry E., Los Angeles, Calif., assignor to A. Feretat di Valvasone. Door lock. 2,366,847; Jan. 9.
Fener, Abe, Bronx, assignor to C. Fener, New York, N. Y. Manufacture of airplane frames, etc. 2,378,759; June 19.
Fener, Clara: *See*—
Fener, Abe, assignor.
Fenn, Clyde J., Seattle, Wash. Roofing machine. 2,373,239; Apr. 10.
Fenn, James E., Troy, Ohio, assignor, by mesne assignments, to Stein, Hall & Co., Inc. Adhesive starch composition and making same. 2,372,666; Apr. 3.
Fenn, Orrin E., assignor to Peters-Dalton, Inc., Detroit, Mich. Air washer. 2,379,795; June 3.
Fennell, William A., Clairton, Pa. Sealing rotary plug type valves. 2,389,036; Nov. 13.
Fennema, Richard: *See*—
De Craene, E. P., and Fennema.

Fenner, Gladys M., Cleveland, Ohio. Stepladder. 2,351,492; Aug. 7.
Fenner, Jack D., South Bend, Ind. Internal cutting device. 2,372,626; Mar. 27.
Fenno, George F., Swarthmore, Pa. Fluid control. 2,372,417; Mar. 27.
Fenosa, Miguel G., Barcelona, Spain. Apparatus for fixing the tool in the lathe. 2,375,295; May 8.
Fenton, Estil I., Los Angeles, Calif. Aircraft bomb equipment. 2,376,994; May 29.
Fenton, Estil I., Long Beach, Calif. Distress signal device for aircraft, etc. 2,380,587; July 31.
Fenton, Frank, Akron, assignor to The Sun Rubber Company, Barberton, Ohio. Valve for hollow inflatable articles. 2,387,433; Oct. 23.
Fenton, Paul E.: *See*—
Beaver, D. A., and Fenton.
Fenton, Paul E., Middlebury, assignor to Scovill Manufacturing Company, Waterbury, Conn. Applying laundry-proof fasteners. 2,371,813; Mar. 20.
Fenton, Warren, Philadelphia, Pa. Mounting device for wheels. 2,372,891; Apr. 3.
Fenwal Incorporated: *See*—
Smith, Norman J., assignor.
Fenwick, Frank W., Cleveland, Ohio. Rolling machine for rubber articles or the like. 2,375,093; May 1.
Fenwick, Ivy D., Brooklyn, N. Y. Colostomy pan. 2,380,740; July 31.
Fereaci, John T., Trenton, N. J. Drawing wires. 2,383,118; Aug. 21.
Ferger, Hulbert K., Flushing, assignor of one-half to J. B. Thomson, Plandome, N. Y. Automatic work locator. 2,369,223; Feb. 13.
Ferger, Hulbert K., Flushing, assignor of one-half to J. B. Thomson, Plandome, N. Y. Marking device. 2,369,224; Feb. 13.
Ferguson, Arthur P.: *See*—
Schatzman, G. W., and Ferguson.
Ferguson, Arthur P., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Fender shield molding. 2,369,035; Feb. 6.
Ferguson, Arthur P., and G. W. Schatzman, assignors to Houdaille-Hershey Corporation, Detroit, Mich. Fender shield fastener. 2,372,069; Mar. 20.
Ferguson, Arthur P., and G. W. Schatzman, assignors to Houdaille-Hershey Corporation, Detroit, Mich. Fender shield attaching clamp. 2,372,070; Mar. 20.
Ferguson, Albert C., Jacksonville, Fla. Metallic awning. 2,383,639; Aug. 28.
Ferguson, Albert C., Jacksonville, Fla. Cool shade awning. 2,389,970; Nov. 27.
Ferguson, Charles, Edinburgh 9, Scotland. Extractor tool. 2,376,676; May 22.
Ferguson, Frank A., Baytown, Tex., assignor to Standard Oil Development Company. Concentration of petroleum acid sludges. 2,379,224; June 26.
Ferguson, Harry, Inc.: *See*—
Heitshu, Daniel C., assignor.
Ferguson, Henry G., Belfast, North Ireland. Tractor for agricultural implements. Re. 22,642; May 15.
Ferguson, J. Allen, Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Furniture leg mounting. 2,386,201; Oct. 9.
Ferguson, John P., San Francisco, Calif., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Welding method and apparatus. 2,376,762; May 22.
Ferguson, Kenneth C., assignor to Anderson Box Company, Indianapolis, Ind. Corrugated paperboard chick feeder. 2,367,491; Jan. 16.
Ferguson, Ralph M., Dayton, Ohio. Portable safe. 2,384,826; Sept. 18.
Ferguson, Robert P.: *See*—
Schumacher, F. W., and Ferguson.
Ferguson, Victor J., Saskatoon, Saskatchewan, Canada. Summary attachment for typewriters. 2,378,841; June 19.
Ferguson, Warren T., Waban, assignor to Anderson Products, Inc., Cambridge, Mass. Steam heating system and control valve therefor. 2,378,760; June 19.
Ferla, John, Chicago, Ill., assignor of one-fourth to P. X. Blaettler, Oaklyn, and three-fourths to U. S. Asbestos Cement Pipe Company, Camden, N. J. Apparatus for manufacturing pipes of composition material. 2,373,672; Apr. 17.
Ferla, John, assignor to U. S. Asbestos Cement Pipe Company, Camden, N. J. Machine for producing pipes. 2,374,086; Apr. 17.
Ferla, John, assignor to U. S. Asbestos Cement Pipe Company, Camden, N. J. Apparatus and process for making pipes. 2,374,087; Apr. 17.
Fern, John F., Midland, Pa., assignor to Crucible Steel Company of America, New York, N. Y. Apparatus for cold rolling. 2,376,240; May 15.
Fernier, George F., assignor to Reed Roller Bit Company, Houston, Tex. Testing means. 2,389,190; Nov. 20.
Fern, Jules C., et al.: *See*—
Fern, Oscar, assignor.
Fern, Oscar, assignor to J. C. Fern, H. Sobel, and O. Fern, co-partners doing business as Fern Shoe Co., Los Angeles, Calif., Shoe and making same. Re. 22,695; Nov. 27.
Fern Shoe Co.: *See*—
Fern, Oscar.
Fernald, Mark E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Distributing apparatus. 2,381,893; Aug. 14.
Fernandez, Pedro E. G., Mexico City, Mexico. Indirect seam or suture for wounds. 2,387,131; Oct. 16.
Fernberger, Harry M., Cleveland Heights, Ohio, assignor to General Electric Company. Luminescent material. 2,372,071; Mar. 20.
Fernelius, Willis C.: *See*—
Campbell, F. L., and Fernelius.
Fernelius, Willis C., and J. P. McReynolds, Columbus, Ohio, assignors to Southern Acid & Sulphur Company, Inc., St. Louis, Mo. Extraction of sulphur from gases. 2,386,202; Oct. 9.
Fernelius, Willis C., West Lafayette, Ind., and J. P. McReynolds, Columbus, Ohio. Apparatus for extracting sulphur from gases. 2,386,390; Oct. 9.
Fernholz, Erhard, deceased, by M. B. Fernholz, Princeton, N. J., administratrix, assignor to E. R. Squibb & Sons, New York, N. Y. Cyclic ketals of keto-cyclopentanoperhydrophenanthrenes and preparing them. 2,376,918; June 26.
Fernholz, Mary B., administratrix: *See*—
Fernholz, Erhard.
Fernstrum, Robert W., Detroit, Mich. Outboard marine heat exchanger. 2,382,218; Aug. 14.
Feron, Francois, Landigou, France; vested in the Alien Property Custodian. Thread. 2,382,704; Aug. 14.
Feroy, Arne, New York, N. Y. Internal-combustion engine. 2,370,456; Feb. 27.
Feroy, Arne, assignor to Rogers Diesel and Aircraft Corporation, New York, N. Y. Mechanism for the interconversion of reciprocation and rotation. 2,384,290; Sept. 4.
Feroy, Arne, assignor to Rogers Diesel and Aircraft Corporation, New York, N. Y. Engine frame. 2,384,291; Sept. 4.
Feroy, Arne, Staten Island, assignor to Rogers Diesel and Aircraft Corporation, New York, N. Y. Engine structure. 2,384,292; Sept. 4.
Ferran, Herbert E., Eustis, Fla. Child's enclosure. 2,369,552; Feb. 13.
Ferrel, Clyde B., San Francisco, Calif. Shell structure. 2,373,883; Apr. 17.
Ferrex Corporation: *See*—
Frothingham, Donald M., assignor.
Ferri, Henry J., Port Richmond, Staten Island, assignor to The Lionel Corporation, New York, N. Y. Toy track layout. 2,366,848; Jan. 9.
Ferriero, Ernest, Brooklyn, N. Y. Platform shoe. 2,378,074; June 12.
Ferries, Thomas W., Los Angeles, Calif. Combined drill and reamer. 2,369,120; Feb. 13.
Ferrill, Thomas M., Jr., East Hempstead, Long Island, N. Y., assignor to National Company, Inc., Malden, Mass. Electric system. 2,370,724; Mar. 6.
Ferris, Donald K., assignor to General Motors Corporation, Dayton, Ohio. Domestic appliance. 2,381,894; Aug. 14.
Ferris, Donald K., assignor to General Motors Corporation, Dayton, Ohio. Domestic appliance. 2,382,219; Aug. 14.
Ferris, Donald K., assignor to General Motors Corporation, Dayton, Ohio. Domestic appliance. 2,384,903; Sept. 18.
Ferris, Donald K., assignor to General Motors Corporation, Dayton, Ohio. Cleansing dishes. 2,385,264; Sept. 18.
Ferris, Donald K., assignor to General Motors Corporation, Dayton, Ohio. Domestic appliance. 2,390,577; Dec. 11.
Ferris Instrument Corporation: *See*—
Tyszer, Howard J., assignor.
Ferris, Roy W., Muskegon Heights, Mich. Demountable rotor. 2,383,119; Aug. 21.
Ferris, Walter, assignor to The Oilgear Company, Milwaukee, Wis. Hydraulic drive. 2,385,069; Sept. 18.
Ferris, Warren R., East Orange, N. J., assignor to Radio Corporation of America. Frequency modulation detection system. 2,367,764; Jan. 23.
Ferris, Warren R., Kingston, N. J., assignor to Radio Corporation of America. Secondary electron emitter. 2,390,701; Dec. 11.
Ferris, William D., Sterling, Ill., assignor to Frantz Manufacturing Co., Sterling, Ill. Closure operating mechanism. 2,390,086; Dec. 4.
Ferris, William D., C. E. Wolf, and N. M. Foulds, assignors to Frantz Manufacturing Co., Sterling, Ill. Garage door. 2,369,141; Feb. 13.
Ferro, Casimiro, West New Brighton, Staten Island, N. Y. Airplane. 2,366,321; Jan. 2.
Ferro Enamel Corporation: *See*—
Dany, E. W., and Gruber, assignors.
Elliott, Stanley B., assignor.
Schaal, Robert B., assignor.
Ferro Engineering Company: *See*—
Charman, W. M., and (Anthony, assignor).
Ferro Stamping & Manufacturing Company: *See*—
Joachim, Joseph G., assignor.
Ferry, John D.: *See*—
Cohn, E. J., and Ferry, assignors.

Ferry, John D., Woods Hole, Mass., assignor to Research Corporation, New York, N. Y. Manufacture of plastics. 2,385,802; Oct. 2.
Ferry, John T., Ilion, assignor to Remington Rand Inc., Buffalo, N. Y. Paper feed. 2,369,729; Feb. 20.
Ferry, John T., Ilion, assignor to Remington Rand Inc., Buffalo, N. Y. Punch. 2,387,837; Oct. 30.
Ferry, John T., Brooklyn, assignor to Remington Rand Inc., Buffalo, N. Y. Card positioning means. 2,376,241; May 15.
Fesler, Robert H., Manhasset, N. Y. Manufacture of footwear. 2,379,480; July 3.
Fessler, William A., Camillus, assignor to The Solvay Process Company, New York, N. Y. Removing volatile organic material. 2,381,658; Aug. 7.
Fessler, William A., Camillus, assignor to The Solvay Process Company, New York, N. Y. Purification of sulphonated products. 2,383,120; Aug. 21.
Fest, Herman P., Monrovia, Calif. Elastic work holder attachments for vise jaws. 2,378,543; June 19.
Fester, Erl I., Blomsburg, Pa. Corn cutter and sled wagon. 2,390,245; Dec. 4.
Fether, Donna W., et al.: *See*—
Fether, Donald W., assignor.
Fether, Donald W., Downey, assignor of twenty-four per cent to R. D. Fether, and twenty-four per cent to D. W. Fether, Los Angeles, Calif. Machine for shaping fasteners. 2,388,355; Nov. 6.
Fether, Robert D., et al.: *See*—
Fether, Donald W., assignor.
Fetschke, Erwin, et al.: *See*—
Carssow, John F., assignor.
Fetter, Norman C., Freeport, Ill., assignor, by mesne assignments, to First Industrial Corporation, Wilmington, Del. Electric switch construction. 2,374,986; May 1.
Fetterly, Lloyd C.: *See*—
Magin, C. T., and Fetterly.
Fetterman, Oscar B., Washington, D. C. Flashlight. 2,373,553; Apr. 10.
Fetteroff, Luther D.: *See*—
Wagner, I. D., Fetteroff, Waring, and Mahler.
Fettig, Arthur J., assignor to Burroughs Adding Machine Company, Detroit, Mich. Calculating machine. 2,391,825; Dec. 25.
Fetzer, Maurice C.: *See*—
Post, C. B., and Fetzer.
Fetzer, Walter R., Clayton, Mo., assignor to Union Starch & Refining Company, Columbus, Ind. Manufacture of dehydrated coffee. 2,379,427; June 3.
Feucht, Albert, Garfield Heights, assignor, by mesne assignments, to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Rock drill support. 2,379,137; June 26.
Feucht, Albert, Garfield Heights, assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Sheeting driver. 2,384,989; Sept. 18.
Feuchter, Charles F.: *See*—
Carpenter, M. T., and Feuchter.
Feuer, Jack: *See*—
Herman, I., and Feuer.
Feulner, John: *See*—
Brownlow, D. B., and Feulner.
Fevas, Anna, Akron, Ohio. Bottle. 2,378,205; June 12.
Fevas, Anna, Akron, Ohio. Electrically heated applicator. 2,385,501; Sept. 25.
Few, William, assignor to The Clark Controller Company, Cleveland, Ohio. Time delay system. 2,371,981; Mar. 20.
Fibre Forming Corporation, The: *See*—
Blum, Jerome J., assignor.
Fibreboard Products Inc.: *See*—
Goodyear, Charles H., assignor.
Fickett, Ernest L., A. H. Leger, and R. P. Stocking, assignors to Fitchburg Engineering Corporation, Fitchburg, Mass. Machine tool control. 2,367,492; Jan. 16.
Fickler, Edwin H., Milwaukee, Wis. Marine propulsion device. 2,367,765; Jan. 23.
Fiebke, Carl, Sr., Wausau, Wis. Wrecking tool. 2,374,530; Apr. 24.
Fiechter, John J., Willow Grove, Pa. Packing. 2,372,773; Apr. 3.
Fiedler, John, Dayton, Ohio. Cutter head. 2,379,347; June 26.
Fiedler, Stuart O.: *See*—
Gangloff, W. C., and Fiedler.
Fiedler, Stuart O., assignor to The Drackett Company, Cincinnati, Ohio. Skin cleaning composition. 2,380,830; July 31.
Fiedler, Willi, Berlin, Germany, assignor to Herbert Piening, New York, N. Y. Earcap. 2,378,398; June 19.
Fieger, Ernest A. and V. R. Williams, assignors to Board of Supervisors of Louisiana State University and Agricultural and Mechanical College, Baton Rouge, La. Fortification of rice. 2,390,210; Dec. 4.
Field, Crosby, Brooklyn, N. Y., assignor to Brillo Manufacturing Company, Inc. Apparatus for coating a fibrous strip. 2,386,203; Oct. 9.
Field, Dean: *See*—
Hulquist, Edward M., assignor.
Field, Donald C.: *See*—
Thomas, R. M., Field, and Reynolds.
Field, Edward A., Jr., Mendota, Ill. Draft control. 2,371,512; Mar. 13.
Field, Lloyd M., Cleveland, Ohio. Spark plug. 2,371,162; Mar. 13.
Field, Lloyd W., Eastend, Saskatchewan, Canada. Disk harrow. 2,377,410; June 5.
Field, Oscar S., assignor to General Railway Signal Company, Rochester, N. Y. Airplane traffic controlling system. 2,371,749; Mar. 20.
Field, Oscar S., assignor to General Railway Signal Company, Rochester, N. Y. Light signal for railroads. 2,376,534; May 22.
Field, Oscar S., assignor to General Railway Signal Company, Rochester, N. Y. Time element relay. 2,378,293; June 12.
Field, Oscar S., assignor to General Railway Signal Company, Rochester, N. Y. Railway signaling system. 2,379,512; July 3.
Field, Oscar S., and S. N. Wight, assignors to General Railway Signal Company, Rochester, N. Y. Token and receptacle for airway traffic control systems. 2,376,846; May 22.
Field, Oscar S., and S. N. Wight, assignors to General Railway Signal Company, Rochester, N. Y. Posting unit. 2,378,294; June 12.
Field, Patrick H., Washington, D. C., assignor of one per cent to S. F. Clark, West New Brighton, N. Y., and ninety-nine per cent to M. K. Liebert, Washington, D. C. Projectile. 2,391,303; Dec. 18.
Field, Theodore E., and H. T. Smyth, assignors to Corhart Refractories Company, Louisville, Ky. Producing cast refractory. 2,381,945; Aug. 14.
Field, William J., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Amplifier circuit. 2,373,241; Apr. 10.
Fielding, Robert L., et al.: *See*—
Hastings, M. G., and Hayward, assignors.
Fields, Ellis K.: *See*—
Daskais, M. H., and Fields.
Fields, George C., Euclid, Ohio. Oxygen system 2,384,669; Sept. 11.
Fields, James J., North Canton, Ohio. Device for testing rubber gloves. 2,370,945; Mar. 6.
Fields, Joseph E.: *See*—
McCleary, R. F., and Fields.
Fields, Reuben T., Arlington, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Extrusion apparatus. 2,369,553; Feb. 13.
Fielitz, Frederick J., Belleville, and B. M. Marks, Newark, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Stretching cast elongate bodies. 2,377,928; June 12.
Fierbaugh, Emmett A.: *See*—
Ackerman, C. W., and Fierbaugh.
Fieroh, Robert W., Chicago, Ill. Propelled and steered step stand. 2,380,160; July 10.
Figg, Basil D.: *See*—
Jones, D. F., Miller, and Figg.
Figuccion, Wallace E., Louisville, Ky. Index tab and supporting strip. 2,370,527; Feb. 27.
Fike, Charles H., and H. R. Heinzen, Cleveland, Ohio, assignors to General Motors Corporation, Detroit, Mich. Ship drive and maneuvering control system. 2,386,391; Oct. 9.
Fike, Charles H., and H. R. Heinzen, Cleveland, Ohio, assignors to General Motors Corporation, Detroit, Mich. Engine speed control system. 2,386,392; Oct. 9.
Fikentscher, Hans, Ludwigshafen-on-Rhine, and R. Roehm, Troisdorf-Oberlar, Germany; vested in the Alien Property Custodian. Heat-stabilized high-polymer halogen-containing products. 2,387,571; Oct. 23.
Filbert, William F.: *See*—
Acken, M. F., and Filbert.
Filburn, John H., Detroit, Mich. Hold-down device. 2,381,815; Aug. 7.
Fill, John V., Dobbs Ferry, N. Y., assignor to Micro Products Corporation, Dover, Del. Method and apparatus for making carbonyl iron. 2,377,486; June 5.
Fillery, James A., Philadelphia, Pa. Micrometer indicator for tools. 2,386,671; Oct. 9.
Filmer, James C.: *See*—
Atlee, Z. J., and Filmer.
Filtered Rosin Products, Inc., et al.: *See*—
Gillican, Charles C., assignor.
Filtex Corporation, The: *See*—
Kroenlein, Henry A., assignor.
Filtrol Corporation: *See*—
Ewing, F. J., Secor, and Warner, assignors.
Gary, W. W., and Secor, assignors.
Horn, Lee Van, assignor.
Finalborgo, August C.: *See*—
Curado, J. G., and Finalborgo.
Finch, Harry de V.: *See*—
Evans, T. W., Finch, and Hearne.
Morris, R. C., and Finch.
Morris, R. C., and Finch, assignors.
Finch, Harry de V., Berkeley, and S. A. Ballard, Oakland, assignors to Shell Development Company, San Francisco, Calif. Controlled oxidation of unsaturated halides. 2,373,240; Apr. 10.
Finch, James L.: *See*—
Lindenbald, N. E., and Finch.
Finch Telecommunications, Inc: *See*—
Finch, William G. H., assignor.
Finch, William G. H., Newtown, Conn., assignor to Finch Telecommunications, Inc., Passaic, N. J. Facsimile apparatus-record mountings means. 2,372,774; Apr. 3.

Finch, William G. H., Newton, Conn., assignor to Finch Telecommunications, Inc., Passaic, N. J. Facsimile recorder. 2,374,673; May 1.

Finch, William G. H., Newtown, Conn., assignor to Finch Telecommunications, Inc., Passaic, N. J. Facsimile recorder. 2,391,145; Dec. 18.

Finckh, Leonhard, Geneva, assignor to Landis & Gyr. A-G., Zug, Switzerland. Remote control installation. 2,379,631; June 3.

Findlater, Jack H., assignor to Packard Motor Car Company, Detroit, Mich. Grinding wheel dressing. 2,367,857; Jan. 23.

Findley, F. G., Co., The: *See*—
Findley, K., Krueger, Hecker, Matteson, and Findley, assignors.

Findley, Howard J., Shaker Heights, assignor to Eaton Manufacturing Company, Cleveland, Ohio. Heating and ventilating apparatus for motor vehicles. 2,383,640; Aug. 28.

Findley, Howard J., Shaker Heights, assignor to Eaton Manufacturing Company, Cleveland, Ohio. Thermoelectric generator. 2,390,578; Dec. 11.

Findley, Kenneth, A. C. Krueger, R. H. Hecker, and J. Matteson, Milwaukee, and R. Findley, Elm Grove, assignors to The F. G. Findley Co., Milwaukee, Wis. Adhesive cement products and making same. 2,381,946; Aug. 14.

Findley, Ralph: *See*—
Findley, K., Krueger, Hecker, Matteson, and Findley.

Fine Cotton Spinners' and Doublers' Association Limited, The, et al.: *See*—
Robins, C., and Kershaw, assignors.

Fine, Lewis, Bethlehem, and H. B. Kelchner, Lower Saucon Township, Northampton County, Pa., assignors to Bethlehem Steel Company. Tunnel segment and making same. 2,366,961; Jan. 9.

Fingado, Gustav A., Little Falls, and H. Ludwig, Hohokus, N. J., assignors to Julius Schmid, Inc., New York, N. Y. Machine for treating thin rubber articles. Re. 22,631; Apr. 17.

Finkle, Lyonel T., Bridgeport, Conn. Apparatus for cooking food. 2,377,873; June 12.

Fink, Carl J., Buffalo, assignor to Creo-Dipt Company, Inc., North Tonawanda, N. Y. Sheathing unit. 2,390,087; Dec. 4.

Fink, Colin G., New York, N. Y. Coating with tin or other metals. 2,374,926; May 1.

Fink, Colin G., New York, N. Y., assignor to Metal Alloys, Inc., Wilmington, Del. Metal-coating metals. 2,382,868; Aug. 14.

Fink, Harry, and M. Sottosanti, New York, N. Y. Garment construction. 2,376,589; May 22.

Fink, Henry A., Pelham Manor, assignor to Continental Can Company, Inc., New York, N. Y. Apparatus for applying adhesive to container body ends. 2,388,911; Nov. 13.

Fink, Henry A., Pelham Manor, assignor to Continental Can Company, New York, N. Y. Blank feeding apparatus. 2,391,304; Dec. 18.

Fink, Jean, Delavan, Wis. assignor to George W. Borg Corporation, Chicago, Ill. Electric clock. 2,371,387; Mar. 13.

Fink, Jean, and T. B. Gibbs, Delavan, Wis., assignors to George W. Borg Corporation, Chicago, Ill. Electric clock. 2,374,987; May 1.

Fink, Ralph F., Excelsior, Minn. Lifter and carrier. 2,385,913; Oct. 2.

Fink, Ralph F., Excelsior, assignor to T. Worum, St. Paul, Minn. Lifter and carrier. 2,368,978; Feb. 6.

Fink, Raymond: *See*—
Williamson, M. I., and Fink.

Fink, Rudolph, et al.: *See*—
Yant, William P., assignor.

Fink, Rudolph, Dayton, Ohio. Respirator mask. 2,376,871; May 29.

Fink, William C., assignor to Wabash Appliance Corporation, Brooklyn, N. Y. Photoflash lamp. 2,386,672; Oct. 9.

Finkbone, Benjamin P., and W. E. Marshall, assignors to The American Rolling Mill Company, Middletown, Ohio. Terne coating process. 2,368,128; Jan. 30.

Finke, Harry F.: *See*—
Klopp, J. H., Koscera, and Finke.

Finkenbrink, Walter: *See*—
Pfaff, K., Erlenbach, Finkenbrink, Maier-Bode, Meisenburg, and Meisenheimer.

Finkle, Donald H., Los Angeles, Calif. Skin clamp. 2,383,928; Aug. 28.

Finlay, Alexander: *See*—
Bannhaf, H. F., and Finlay.
Kane, J. H., Finlay, and Amann.

Finlay, Walter L., Bridgeport, Conn., assignor to Remington Arms Company, Inc. Ammunition. 2,373,554; Apr. 10.

Finlay, Walter L., Bridgeport, Conn., assignor to Remington Arms Company, Inc. Wad. 2,377,683; June 5.

Finlayson, Donald: *See*—
Dreyfus, H., Finlayson, and Taylor.

Finlayson, Donald, and H. Crawshaw, Spondon, near Derby, assignors to British Celanese Limited, London, England. Textile fabric. 2,370,946; Mar. 6.

Finlayson, Donald and F. C. Hale, Spondon, near Derby, England, assignors to Celanese Corporation of America. Structural material. 2,377,335; June 5.

Finlayson, Duncan K., Brouxville, N. Y., assignor to The M. W. Kellogg Company, Jersey City, N. J. Catalytic conversion of hydrocarbons. 2,390,244; Dec. 4.

Finlayson, Frank E., Ontario, Calif., assignor to General Electric Company. Circuit controlling device. 2,367,014; Jan. 9.

Finley, James A., Ontario, assignor to California Fruit Growers Exchange, Los Angeles, Calif. Recovery of essential oils. 2,381,732; Aug. 7.

Finley, Thomas M., Caledonia, Mo. Incendiary bomb. 2,385,502; Sept. 25.

Finley, Willard L., Washington, D. C., assignor to Sinclair Refining Company, New York, N. Y. Chemical manufacture. 2,379,290; June 26.

Finn, Thurman A., Denver, Colo. Folding fish net. 2,384,162; Sept. 4.

Finnegan, George B., Jr., trustee: *See*—
Van Winkle, Paul, assignor.

Finnell System, Inc.: *See*—
Lewis, Russell, assignor.

Finney, John H. V., assignor to Mining Process and Patent Company, Denver, Colo. Thickener apparatus. 2,382,409; Aug. 14.

Finsterbusch, Karl, Scarsdale, N. Y. Extracting apparatus. 2,388,732; Nov. 13.

Finsel, Herman, Milwaukee, Wis., and H. Maykemper, River Forest, Ill., said Finsel, assignor to Clearing Machine Corporation. Apparatus for shaping objects by plastic deformation. 2,367,015; Jan. 9.

Finzl, Leo A., Irwin, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Recording and counting device. 2,377,622; June 5.

Firearms Research Corporation: *See*—
Hyde, George J., assignor.

Firestone Tire & Rubber Company, The: *See*—
Alderfer, Sterling W., assignor.
Allen, Raymond W., assignor.
Beach, Howard P., Jr., assignor.
Bosomworth, George P., assignor.
Brink, Winfield S., assignor.
Brown, Roy W., assignor.
Carr, Edward L., assignor.
Carter, Mitchell, assignor.
Davis, Justice B., assignor.
Diehl, John A., assignor.
Grover, Frank S., assignor.
Hale, James E., assignor.
King, Frank S., assignor.
Kreyer, John G., assignor.
Kubaugh, Le Roy M., assignor.
Kuhn, Max O., assignor.
Manson, Finley J., assignor.
Monroe, Harry J., assignor.
Peters, M. F., and (McCarty, assignor).
Riesing, Mabel P., assignor.
Riesing, Ellwood F., assignor.
Shaw, Warren W., assignor.
Shinn, Byron H., assignor.
Smith, George E. P., Jr., assignor.
Smith, G. E. P., Jr., and Carr, assignors.
Stavely, F. W., Edgar, and Hoffmann, assignors.
Steinel, George E., assignor.
Stevens, Horace D., assignor.
Tann, William E., assignor.
Vanke, Louis J., assignor.
Weaver, Harry M., assignor.
Weber, F. A., and Gregg, assignors.

Firks, Theodore H., and W. E. Mackelfresh, Jr., Chicago, Ill. Container carrier. 2,386,101; Oct. 2.

Firner, William B., assignor to General Motors Corporation, Detroit, Mich. Double window construction. 2,377,684; June 5.

First Industrial Corporation: *See*—
Fetter, Norman C., assignor.
Kaminky, Oscar H., assignor.
Meyer, Edward P., assignor.

First National Bank of Tampa, Florida, executor, The: *See*—
Pierce, James B., Jr.

Firth, David, South Bend, assignor to Dodge Manufacturing Corporation, Mishawaka, Ind. Attaching means for sheaves, etc. 2,390,875; Dec. 11.

Firth, David, South Bend, assignor to Dodge Manufacturing Corporation, Mishawaka, Ind. Mounting for pulleys, etc. 2,390,876; Dec. 11.

Firth, David, and M. L. Fast, South Bend, assignors to Dodge Manufacturing Corporation, Mishawaka, Ind. Clutch. 2,367,390; Jan. 16.

Firth, Stephen W., Webb City, Mo. Bomb. 2,372,264; Mar. 27.

Firth, Thos., & John Brown Limited: *See*—
Walker, William S., assignor.

Fisch, Willi: *See*—
Widmer, G., and Fisch.
Widmer, G., and Fisch, assignors.

Fischel, Lester, assignor to Patchogue-Plymouth Mills Corporation, New York, N. Y. Two-way lace curtain. 2,371,039; Mar. 6.

Fischer, Albert C., Chicago, Ill. Joining pipe sections. 2,368,610; Jan. 30.

Fischer, Albert C., Chicago, Ill. Self-restoring water stop and other waterproofing packings. 2,368,650; Feb. 6.

Fischer, Albert C., Chicago, Ill. Contraction joint for concrete. 2,370,153; Feb. 27.

Fischer, Albert C., Chicago, Ill. Porous body expansion joint. 2,370,647; Mar. 6.

Fischer, Albert C., Chicago, Ill. Extrusion controlled water-stop expansion joint. 2,374,186; Apr. 24.

Fischer, Albert W.: *See*—
Kettering, C. F., and Fischer.

Fischer, Anthony J.: *See*—
Reybold, D. C., and Fischer.

Fischer, Arthur H., assignor to Minerec Corporation, New York, N. Y. Concentration of ores. 2,376,242; May 15.

Fischer, Charles, New York, N. Y. Seal for spaced goggle lenses. 2,373,388; Apr 10.

Fischer, Charles, New York, N. Y. Adjustable connecting bridge for goggle frames. 2,386,175; Oct. 9.

Fischer, Earl K., Long Island City, assignor to Interchemical Corporation, New York, N. Y. Noncaking flatting agent. 2,370,648; Mar. 6.

Fischer, Edwin L., Endwell, assignor to General Aniline & Film Corporation, New York, N. Y. Camera and range finder. 2,379,698; July 3.

Fischer, Emanuel M.: *See*—
Fischer, Sidney, assignor.

Fischer, Eugene H., Derry, assignor Westinghouse Electric Corporation, East Pittsburgh, Pa. Multiple die equalizer. 2,381,272; Aug. 7.

Fischer, Friedrich E., Zurich, Switzerland. Adjustable network. 2,381,733; Aug. 7.

Fischer, Friedrich E., Zurich-Erlenbach, Switzerland. Method and apparatus for reproducing television pictures. 2,391,450; Dec. 25.

Fischer, Friedrich E., Zurich, Switzerland. Process and appliance for projecting television pictures. 2,391,451; Dec. 25.

Fischer, Herbert G. M., assignor to Standard Oil Development Company, Westfield, N. J. Preparation of sweet high octane gasoline. 2,369,554; Feb. 13.

Fischer, Howard J., Springfield Township, Hamilton County, assignor to The Gardner-Richardson Company, Middletown, Ohio. Bottle carrier. 2,383,183; Aug. 21.

Fischer, Howard R., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Compression riveter. 2,389,661; Nov. 27.

Fischer, Howard R., and J. A. Roberts, Detroit, Mich., assignors to Chicago Pneumatic Tool Company, New York, N. Y. Compression riveter. 2,372,942; Apr. 3.

Fischer, Max W.: *See*—
Graumann, R. L., and Fischer.

Fischer, Paul E., Portland, Conn., assignor to Marathon Corporation. Apparatus for sealing containers. 2,368,817; Feb. 6.

Fischer, Paul W., Long Beach, and V. N. Jenkins, Palos Verdes Estates, assignors to Union Oil Company of California, Los Angeles, Calif. Turbine oil. 2,388,132; Oct. 30.

Fischer & Porter: *See*—
Bowie, Harry J., assignor.
Brewer, Nathaniel, assignor.

Fischer & Porter Company: *See*—
Brewer, Nathaniel, assignor.

Fischer, Sidney, New York, N. Y., assignor of one-half to E. M. Fischer. Adjustable optical mounting. 2,373,389; Apr. 10.

Fischer, Werner: *See*—
Miescher, K., Heer, and Fischer.

Fischer, William R.: *See*—
Kendall, C. W., and Fischer.

Fischler, Paul E., and J. Nathansohn, Buffalo, N. Y. Impulse switching and control mechanism. 2,388,733; Nov. 13.

Fiscus, Charles J., Arnold, assignor to Aluminum Company of America, Pittsburgh, Pa. Method of rolling. 2,391,401; Dec. 25.

Fish, Lyall R., and C. F. Wiegman, Minneapolis, Minn. Oil and grease deflector. 2,377,770; June 5.

Fish-Schurman Corporation: *See*—
Kott, Hermann, assignor.
Kott, H., and Yawitz, assignors.
Suwa, Ignaz F., assignor.
Yawitz, M., and Suwa, assignors.

Fishel, John B.: *See*—
Stillson, G. H., and Fishel.

Fisher, Albert B., Jr.: *See*—
Shaffer, C. E., and Fisher.

Fisher, Alec, Lynn, Mass., assignor to General Electric Company. Dynamoelectric machine. 2,385,199; Sept. 18.

Fisher, Charles B., Washington, D. C. Electronic amplification. 2,379,513; July 3.

Fisher, Charles B., Washington, D. C. Microphone. 2,379,514; July 3.

Fisher, Charles H.: *See*—
Ratchford, W. P., and Fisher.
Rehberg, C. E., and Fisher.

Fisher, Charles H., Abington, Pa., and M. L. Fein, Riverside, N. J., assignors to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Acylating esters of hydroxy carboxylic acids. 2,374,428; Apr. 24.

Fisher, Clarence E., Baltimore, assignor to The Glenn L. Martin Company, Middle River, Md. Flexible joint. 2,376,995; May 29.

Fisher, Elbert E., assignor to M. W. Fisher, St. Louis, Mo. Making alkali metal aluminate. 2,372,819; Apr. 3.

Fisher, Elbert E., St. Louis, Mo. Aluminum silicate product and making same. 2,380,352; Nov. 20.

Fisher, Ernest F., Passaic, N. J., assignor to Whiting Corporation, Harvey, Ill. Magnesium castings grinding and polishing booths. 2,384,991; Sept. 18.

Fisher Flouring Mills Co.: *See*—
Fisher, O. W., White, and Wheatherstone, assignors.

Fisher, Frank E.: *See*—
Edson, K. C., and Fisher.

Fisher, Frederick E., Scotia, N. Y., assignor to General Electric Company. Method and apparatus for delaminating mica. 2,380,741; July 31.

Fisher, Frederick E., Scotia, N. Y., assignor to General Electric Company. Clutch. 2,382,869; Aug. 14.

Fisher, Frederick E., Scotia, N. Y., assignor to General Electric Company. Winding slot wedge. 2,386,673; Oct. 9.

Fisher Governor Company: *See*—
Brockett, Glenn F., assignor.
Wolfe, Kenneth R. D., assignor.

Fisher, Hardin Y., Hillside, Ill., assignor to Nicoud Mfg. Co. Generator. 2,390,877; Dec. 11.

Fisher, Harmon F., Berkeley, assignor of one-half to Union Oil Company of California, Los Angeles, and one-half to The Anglo California National Bank of San Francisco, San Francisco, Calif. Recovery of magnesium from suspensions in nonconducting liquids. 2,376,535; May 22.

Fisher, Harold G.: *See*—
Harvey, R. L., and Fisher
Kershaw, J. G., and Fisher.

Fisher, Harry C., Cincinnati, Ohio, assignor, by mesne assignments, to Consolidated Water Power & Paper Company, Wisconsin Rapids, Wis. Imparting color to coated paperboard. 2,370,344; Feb. 27.

Fisher, Harry C., and J. F. Thompson, Cincinnati, assignors to The Gardner-Richardson Company, Middletown, Ohio. Paper manufacture. 2,369,450; Feb. 13.

Fisher, Henry A., Parkersburg, W. Va. Antirefill device. 2,378,919; June 26.

Fisher, Howard J., Springfield Township, assignor to The Gardner-Richardson Company, Middletown, Ohio. Protective package. 2,367,345; Jan. 16.

Fisher, Irving: *See*—
Mendelsohn, Bernard E.

Fisher, Jay, et al.: *See*—
Bruen, George C., assignor.

Fisher, Lawrence F.: *See*—
Frank, William H. and R. L., and Fisher.

Fisher, Leonard and R., San Francisco, Calif. Therapeutic device. 2,384,670; Sept. 11.

Fisher, Marlew W.: *See*—
Fisher, Elbert E., assignor.

Fisher, Norman G., and R. H. Wiley, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymers. 2,389,662; Nov. 27.

Fisher, Orin W., F. J. White, and H. B. Weatherstone, assignors to Fisher Flouring Mills Co., Seattle, Wash. Apparatus for weighing a stream of varying quantity of material. 2,371,040; Mar. 6.

Fisher, Oscar, Locust Valley, N. Y. Carboy container. 2,383,717; Aug. 28.

Fisher & Porter Company: *See*—
Brewer, Nathaniel, assignor.

Fisher, Ralph: *See*—
Fisher, Leonard and R.

Fisher, Roy R., Detroit, Mich. Bottle heater. 2,370,238; Feb. 27.

Fisher Scientific Company: *See*—
Warren, William B., assignor.

Fisher, Webster E., Pine Bluff, Ark., assignor to Eastman Kodak Company, Rochester, N. Y. Production of water-free alcohol. 2,382,044; Aug. 14.

Fisher, Webster E., Pine Bluff, Ark., assignor to Eastman Kodak Company, Rochester, N. Y. Distillation control. 2,386,601; Oct. 9.

Fisk, Edwin M., Mission San Jose, Calif. Two-stroke cycle internal-combustion engine. 2,391,402; Dec. 25.

Fisk, Gustaf L., New Fairfield, Conn. Rolling metal bars. 2,369,730; Feb. 20.

Fisk, James B., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Producing and transmitting electromagnetic waves. 2,372,193; Mar. 27.

Fiskaali, Otto A., Fitchburg, Mass. Fish lure. 2,383,246; Aug. 21.

Fisler, William O., St. Louis, Mo. Interlocking container. 2,374,005; Apr. 17.

Fitch, Clifford E., assignor to The Aro Equipment Corporation, Bryan, Ohio. Impact wrench. 2,371,982; Mar. 20.

Fitch, Clifford E., assignor to The Aro Equipment Corporation, Bryan, Ohio. Servo unit. 2,380,510; July 31.

Fitch, Clifford E., assignor to The Aro Equipment Corporation, Bryan, Ohio. Hand operated tank lubricator. 2,390,831; Dec. 11.

Fitch, Ellery R., assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Fluid pressure device. 2,371,815; Mar. 20.

Fitch, Ellery R., assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Brake mechanism. 2,374,855; May 1.

Fitch, Guy O., Columbiana, Ohio. Power shovel and conveyer. 2,384,242; Sept. 4.

Fitch, Harold L.: *See*—
Tetzlaff, E. F., and Fitch.

Fitch, Harold L., and S. L. Scudder, assignors to Eastman Kodak Company, Rochester, N. Y. Light control for photographic printers. 2,378,206; June 12.

Fitch, Howard M.: *See*—
Downing, F. B., and Fitch.

Fitch, Karl E., Summit, N. J., W. V. K. Large, Glenwood Landing, and C. W. Lucek, Forest Hills, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Satellite telegraph exchange system. 2,390,656; Dec. 11.

Fitch, Oran F., Auburn, Calif. Hay handling device. 2,387,434; Oct. 23.

Fitchburg Engineering Corporation: *See*—
Fickett, E. L., Leger and Stocking, assignors.

Fitchett, Thomas S., assignor to F. X. Hooper Company, Inc., Glenarm, Md. Sheet length indicator for cutoff knives. 2,376,763; May 22.

Fite, Preston L.: *See*—
Joyce, Thomas M., and Fite.

Fites, Cyril B., St. Johns, assignor to Wagner Electric Corporation, St. Louis, Mo. Pressure limiting means for braking systems. 2,366,606; Jan. 2.

Fitt, T. Cleon: *See*—
Fleming, E. P., and Fitt.

Fitting, Ralph U., Jr., and M. H. McKinsey, Midland, Tex., assignors to Shell Development Company, San Francisco, Calif. Annular flow measuring device. 2,379,138; June 26.

Fitz, Charles L., assignor of one-half to F. Dobbs and one-half to said Fitz, Three Lakes, Wis., as co-partners. Camera. 2,385,804; Oct. 2.

Fitz, Henry, Washington, D. C. Case for cameras. 2,390,932; Dec. 11.

Fitzgerald, Charles F., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Guard for winding machines. 2,370,785; Mar. 6.

Fitzgerald, Charles F., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Winding machine. 2,373,109; Apr. 10.

Fitzgerald, Edward J., assignor to Son-Chief Electrics, Incorporated, Winsted, Conn. Folding iron. 2,388,133; Oct. 30.

Fitz-Gerald, John F., et al.: *See*—
Roby, Horace H., assignor.

Fitz Gerald, John W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Engine starter. 2,366,502; Jan. 2.

Fitz Gerald, John W., deceased, by M. C. Fitz Gerald, executrix, assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Engine starter. 2,366,503; Jan. 2.

Fitz Gerald, John W., deceased, by M. C. Fitz Geraid, executrix, assignor to Briggs & Stratton, Corporation, Milwaukee, Wis. Engine starter. 2,366,504; Jan. 2.

Fitz Gerald, John W., deceased, by M. C. Fitz Gerald, executrix, assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Engine starter. 2,368,292; Jan. 30.

Fitz Gerald, John W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Engine starter. 2,370,649; Mar. 6.

Fitz Gerald, John W., deceased, by M. C. Fitz Gerald, executrix, assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Engine starter. 2,379,073; June 26.

Fitz Gerald, John W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Engine starter. 2,379,428; July 3.

Fitz Gerald, John W., deceased, by M. C. Fitz Gerald, executrix, assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Spark plug shield. 2,382,984; Aug. 21.

Fitz Gerald, John W., deceased, by M. C. Fitz Gerald, executrix, assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Door locking system. 2,382,985; Aug. 21.

Fitz Gerald, Mary C., executrix: *See*—
Fitz Gerald, John W.

Fitzgerald, Walter H., Jr., Dallas, Tex. Snap fastener. 2,379,896; July 10.

Fitzpatrick, J. D., and L. D. Myers, assignors to Emery Industries, Inc., Cincinnati, Ohio. Treating fatty bodies. 2,369,036; Feb. 6.

Fitzpatrick, J. D., and L. D. Myers, assignors to Emery Industries, Inc., Cincinnati, Ohio. Separation process. 2,389,191; Nov. 20.

Fitzpatrick, W. J., Company, The: *See*—
Wagner, Harold H., assignor.

Fitzsimmons, Verlyn R., St. Paul, Minn., assignor of one-half to H. D. Allworth. Doughnut cutter. 2,370,650; Mar. 6.

Flanagan, John W., Philadelphia, Pa., assignor to The S. S. White Dental Manufacturing Company. Orthodontic pliers. 2,375,094; May 1.

Flanders, Harold V.: *See*—
Page, Ernest V., assignor.

Flanders, Ralph E., assignor to Jones & Lamson Machine Company, Springfield, Vt. Grinding machine. 2,371,685; Mar. 20.

Flanders, Warren B., Philadelphia, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Bearing apparatus. 2,370,854; Mar. 6.

Flangelock Patents Corporation: *See*—
Krueger, William H., assignor.

Flanigan, George E.: *See*—
Supplee, G. C., Jensen, and Flanigan.

Flannery Bolt Company: *See*—
Peirce, William B., assignor.

Flannery, John R., Pittsburgh, Pa. Stay bolt. 2,368,651; Feb. 6.

Flath, Otto S., Chicago, Ill. Metal cribbing. 2,376,677; May 22.

Flath, Otto S., Chicago, Ill. Cribbing. 2,378,295; June 12.

Flatt, William O., Fort Worth, Tex. Hone conditioning process. 2,368,979; Feb. 6.

Flaws, John, Jr., East Cleveland, Ohio, assignor to General Electric Company. Filament storage apparatus. 2,372,072; Mar. 20.

Flaws, John, Jr., East Cleveland, Ohio, assignor to General Electric Company. Lamp making apparatus. 2,380,742; July 31.

Flaxman, Marcellus T.: *See*—
Jones, P. H., and Flaxman, assignors.

Flaxman, Marcellus T., Inglewood, assignor to Union Oil Company of California, Los Angeles, Calif. Lubricating oil composition. 2,385,697; Sept. 25.

Fleckenstein, Andrew, Windsor, N. Y. Electric outlet accessory fixture. 2,385,620; Sept. 25.

Fleenor, Warren, Stafford, N. Y. Molding apparatus. 2,368,818; Feb. 6.

Fleer, Alfred W., assignor to Shell Development Company, San Francisco, Calif. Copper ammonium acetate extraction and purification method. 2,383,784; Aug. 28.

Fleer, Frank H., Corporation: *See*—
Mustin, Gilbert B., assignor.

Flegel, Benjamin F., Racine, Wis. Dry shaver clipper attachment. 2,391,695; Dec. 25.

Fleischer, Arthur, Salt Lake City, Utah, assignor to Olin Industries, Inc., East Alton, Ill. Manufacture of purified crystalline products. 2,378,296; June 12.

Fleischer, Gerhard A., and E. Schwenk, Montclair, assignors to Schering Corporation, Bloomfield, N. J. Isolation of the lactogenic hormone. 2,370,154; Feb. 27.

Fleischer, Michael: *See*—
Fahey, J. J., Fleischer, and Rubey.

Fleischer, Philip, et al.: *See*—
Horowitz, Nathan, assignor.

Fleischhauer, Richard, and A. Müller, Frankfort-on-the-Main-Fechenheim, and C. T. Schultis, Bergen, near Frankfort-on-the-Main, Germany, assignors to General Aniline & Film Corporation, New York, N. Y. Azo dyestuffs. 2,384,419; Sept. 4.

Fleischhauer, Richard and A. Müller, Frankfort-on-the-Main-Fechenheim, Germany, assignors to General Aniline & Film Corporation, New York, N. Y. Disazo dyestuffs. 2,385,698; Sept. 25.

Fleischman, M. R., Co.: *See*—
Griswold, Lyle R., assignor.

Fleming, Charles R., Los Angeles, Calif. Antenna 2,368,819; Feb. 6.

Fleming, Edward P., Los Angeles, Calif., and T. C. Fitt, Salt Lake City, Utah, assignors to American Smelting and Refining Company, New York, N. Y. Recovery of sulphur from gaseous mixtures. 2,388,259; Nov. 6.

Fleming, Lawrence, Falls Church, Va. Transducer. 2,373,181; Apr. 10.

Fleming, Robert F., Jr., Laurens, S. C., assignor to Corning Glass Works, Corning, N. Y. Organo silicon compounds and making them. 2,386,452; Oct. 9.

Fleming-Williams, Brian Clifford, assignor to A. C. Cossor Limited, London, England. Electron discharge device. 2,380,225; July 10.

Flenner, Albert L., Wilmington, Del., and F. H. Kaufert, St. Paul, Minn., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Pest control. 2,369,959; Feb. 20.

Flesch, John E.: *See*—
Baselt, W. H., and Flesch.

Flesch, Norman, assignor to American Steel Foundries, Chicago, Ill. Brake support bracket. 2,378,358; June 12.

Flesch, Norman, assignor to American Steel Foundries, Chicago, Ill. Brakehead balancing device. 2,387,132; Oct. 16.

Fletcher, Albert C., assignor to Quick Charge, Incorporated, Oklahoma City, Okla. Charging apparatus for storage batteries. 2,366,505; Jan. 2.

Fletcher, Aubrey L.: *See*—
Orme, G. L., Jones, and Fletcher.

Fletcher Aviation Corporation: *See*—
Fletcher, Wendell S., assignor.

Fletcher, Ed, Newark, Ohio, assignor to Owens-Corning Fiberglas Corporation. Traversing means for high speed winding. 2,377,771; June 5.

Fletcher, Ed, Newark, Ohio, assignor to Owens-Corning Fiberglas Corporation. Apparatus for attenuating fibers. 2,380,915; Aug. 7.

Fletcher, Ed, and N. J. Leedy, Newark, assignors to Owens-Corning Fiberglass Corporation, Toledo, Ohio. Apparatus for the production of glass fibers. 2,377,772; June 5.

Fletcher, Fred W.: *See*—
Lynn, G. E., and Fletcher.

Fletcher, George A., assignor to Munsingwear, Inc., Minneapolis, Minn. Lady's undergarment. 2,372,265; Mar. 27.

Fletcher, James, Akron, Ohio, assignor to The Babcock & Wilcox Company, Newark, N. J. Vapor generator. 2,368,211; Jan. 30.

Fletcher, James H., Wilmette, Ill. Dumping apparatus. 2,384,904; Sept. 18.

Fletcher, Wendell S., assignor to Fletcher Aviation Corporation, Pasadena, Calif. Aircraft engine mounting. 2,368,533; Jan. 30.

Fletcher Works, Incorporated: *See*—
Bartholomew, Robert J., assignor.

Flett, Lawrence H., Hamburg, N. Y., assignor to Allied Chemical & Dye Corporation. Detergent composition. 2,374,187; Apr. 24.

Flett, Lawrence H., Hamburg, N. Y., assignor to Allied Chemical & Dye Corporation. Insecticides. 2,375,095; May 1.

Flett, Lawrence H., Hamburg, N. Y., assignor to Allied Chemical & Dye Corporation. Detergent composition and making same. 2,387,572; Oct. 23.

Flett, Lawrence H., Hamburg, N. Y., assignor to Allied Chemical & Dye Corporation. Dry cleaning composition. 2,388,962; Nov. 13.

Flett, Lawrence H., Hamburg, N. Y., assignor to Allied Chemical & Dye Corporation. Soap composition. 2,390,295; Dec. 4.

Flexible Vacuum Container Corporation, The: *See*—
Berch, Samuel H., assignor.

Flex-O-Tube Company, The: *See*—
Greene, Charles W., assignor.

Flex-Weld Corporation: *See*—
Carlson, Stanley H., assignor.

Fleysher, Maurice H., Buffalo, N. Y., assignor to Allied Chemical & Dye Corporation. Preparation of aromatic ortho-dinitriles. 2,387,435; Oct. 23.

Flickinger, Maynard L.: *See*—
Cooper, J. F., Schnitzer, and Flickinger.

Flinckinger, Alton D., Inglewood, Calif. Vacuum type exhaust muffler. 2,386,305; Oct. 9.

Flink, Allen R., Streator, Ill. Wheel driven distributor truck. 2,383,121; Aug. 21.

Flink, John H., Watertown, Mass., assignor to The B. F. Goodrich Company, New York, N. Y. Sole structure for footwear. 2,379,139; June 26.

Flint, Charles R., La Porte, Ind., assignor to The De Luxe Products Corporation. Check valve. 2,390,527; Dec. 11.

Flint, Colin F., and R. B. F. F. Clarke, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Pulverulent materials and dispersions produced thence. 2,386,674; Oct. 9.

Flint, Earl E., Middletown, Ohio. Combination bomb and gun sight head. 2,367,207; Jan. 16.

Flint, Edward F., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Optical instrument. 2,375,356; May 8.

Flint, Edward F., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Observation device. 2,384,540; Sept. 11.

Flint, Edward F., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Optical instrument. 2,385,978; Oct. 2.

Flint, Edward F., Brighton, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Calculating device. 2,389,249; Nov. 20.

Flint, Edward F., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Median device. 2,390,361; Dec. 4.

Flint, Edward F., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Optical instrument. 2,390,362; Dec. 4.

Flint, George W.: *See*—
Adams, E. W., and Flint.

Flint, Hyland C., Ann Arbor, Mich., assignor to Synchro-Seat Company. Seat construction. 2,373,751; Apr. 17.

Flint & Walling Manufacturing Co., Inc.: *See*—
Lung, Kenneth R., assignor.

Floating Stations Limited: *See*—
Creed, Frederick G., assignor.

Flohr, Alfred J.: *See*—
Flohr, Andrew and A. J.

Flohr, Andrew and A. J., Buffalo, N. Y. Guard for emery wheels and the like. 2,374,988; May 1.

Flohr, Andrew and A. J., Buffalo, N. Y. Guard for emery wheels and the like. 2,384,243; Sept. 4.

Flook, Cyril M., assignor of one-fourth to E. Hogge, one-fourth to H. A. Shugart, and one-fourth to W. M. Herring, Carland, Tex. Row crop header. 2,380,161; July 10.

Flora, Rudolph F., assignor to The Clover Foundry Company, Muskegon, Mich. Piston ring grinder. 2,385,979; Oct. 2.

Florence Stove Company: *See*—
Reeves, Herbert M., assignor.
Schneider, Frank H., assignor.

Floridin Company: *See*—
Atwell, Thomas C., assignor.

Florin, Philip, Woodmere, N. Y. Wallet. 2,366,849; Jan. 9.

Flory, Leslie E., Oaklyn, N. J., assignor to Radio Corporation of America. Picture transmitter tube mosaic screen. 2,373,752; Apr. 17.

Flory, Leslie E., Oaklyn, N. J., assignor to Radio Corporation of America. Electrically operated valve. 2,374,531; Apr. 24.

Flosdorf, Earl W., Upper Darby, assignor to Lyophile-Cryochem Company, Philadelphia, Pa. Desiccation of citrus fruit juices. 2,380,036; July 10.

Flosdorf, Earl W., Lansdowne, C. J. Westin, Philadelphia, and F. J. Stokes, Jr., Laverock, Pa.; E. W. Wolfrom, administratrix of said Westin, deceased; assignors to F. J. Stokes Machine Company. Biological apparatus, container, and method. 2,388,134; Oct. 30.

Flournoy, Algernon F., Shreveport, La. Harvesting basket. 2,372,073; Mar. 20.

Flower, George, Sparrows Point, Md. Adjustable box wrench. 2,376,764; May 22.

Flower, Guiles, Jr.: *See*—
Bludworth, J. E., and Flower.

Flowers, Alan E., Poughkeepsie, assignor to The De Laval Separator Company, New York, N. Y. Centrifugal bowl. 2,369,822; Feb. 20.

Flowers, Paul E., Mount Gilead, Ohio, assignor to The Hydraulic Development Corporation, Inc., Wilmington, Del. Molding press. 2,368,756; Feb. 6.

Flowers, Paul E., Mount Gilead, Ohio, assignor to The Hydraulic Development Corporation, Inc., Wilmington, Del. Method of and device for forging. 2,371,041; Mar. 6.

Flowers, Paul E., Shaker Heights, Ohio, assignor to The Hydraulic Development Corporation, Inc., Wilmington, Del. Forging. 2,382,045; Aug. 14.

Flowers, Paul E., Shaker Heights, and W. Ernst and H. F. MacMillin, Mount Gilead, Ohio, assignors to The Hydraulic Development Corporation, Inc., Wilmington, Del. Hydraulic press. 2,382,046; Aug. 14.

Flowers, Paul E., Shaker Heights, Ohio, assignor to The Hydraulic Development Corporation, Inc., Wilmington, Del. Briquetting press. 2,384,163; Sept. 4.

Flowers, Ralph G., Pittsfield, Mass., assignor to General Electric Company. Production of acenaphthylene. 2,390,363; Dec. 4.

Floyd, Clyde M., Baytown, and J. Fram, Goose Creek, Tex., assignors to Standard Oil Development Company. Producing white oils. 2,384,905; Sept. 18.

Floyd, Frederick K., Denver, Colo., assignor to C. M. Hathaway, doing business as Hathaway Instrument Company. Amplifier system. 2,379,897; July 10.

Flugge, Sylvester L.: *See*—
Maier, C. E., Flugge, and Pfeffer.

Flumerfelt, W. A., assignor to The Columbus Auto Parts Company, Columbus, Ohio. Joint construction. 2,383,378; Aug. 21.

Fluor Corporation, Ltd., The: *See*—
De Flon, James G.
Hutchinson, Arthur J. L., assignor.
Hutchinson, A. J. L., and Bechtold, assignors.

Flurscheim, Cedric H., Bowdon, assignor to Metropolitan-Vickers Electrical Company Limited, London, England. Fluid blast circuit breaker. 2,367,934; Jan. 23.

Flurscheim, Cedric H., Bowdon, England, assignor to Metropolitan-Vickers Electrical Company, Limited, London W. C. 2, England. Fluid blast circuit breaker. 2,391,826; Dec. 25.

Flygare, Carl G., Worcester, and F. A. Helstrom, Lexington, assignors to Norton Company, Worcester, Mass. Grinding machine. 2,366,506; Jan. 2.

Flygare, Carl G., assignor to Norton Company, Worcester, Mass. Grinding machine. 2,381,123; Aug. 7.

Flynn, John H.: *See*—
Ensign, W. B., and Flynn.

Flynn, Theodore P., Portland, Oreg., and A. J. Kramer, Arlington, Va., assignors to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Plotting instrument. 2,380,103; July 10.

Flynn, Thomas W., assignor of fifteen per cent to H. O. Arneson and fifteen per cent to H. Stalin, Bayview, Idaho. Illuminated instrument. 2,367,858; Jan. 23.

Foard, Robert F., Los Angeles, Calif. Screen printing on cloth. 2,369,290; Feb. 13.

Focha, William F., Westfield, N. J., assignor to Wailes, Dove-Hermiston Corporation. Coating pipe. 2,377,220; May 29.

Focht, Nevin S., Syracuse, N. Y. Shock absorber. 2,366,248; Jan. 2.

Focht, Nevin S., Syracuse, N. Y. Shock absorber. 2,381,532; Aug. 7.

Focke, Theodore B., Cleveland Heights, J. A. Dahlstrom, Bay Village, and J. R. Kirkpatrick, South Euclid, assignors to Perfection Stove Company, Cleveland, Ohio. Gas burning apparatus. 2,383,641; Aug. 28.

Foerster, Charles V.: *See*—
Cape, A. T., Foerster, and Griswold.

Fogel, Henry, Brooklyn, assignor to Emerson Radio and Phonograph Corporation, New York, N. Y. Apparatus for providing regulated direct current voltage. 2,386,548; Oct. 9.

Fogg, Jesse W.: *See*—
Trier, C. L., and Fogg.

Fogg, Robert E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Noncollapsible tubing. 2,371,042; Mar. 6.

Fogle, Marlin E., Hillside, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Photocell and filter combination. 2,382,220; Aug. 14.

Foley, Francis W., Brighton, assignor to Delbrook Ventilating Co., Cambridge, Mass. Duct system. 2,379,632; July 3.

Folberth, Frederick G. and W. M., Cleveland, Ohio. Windshield wiper motor. 2,380,511; July 31.

Folberth, William M.: *See*—
Folberth, Frederick G. and W. M.

Foley, John D.: *See*—
Hayes, J. R., and Foley.

Foley, John W., Englewood, and J. W. Emling, Morristown, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Substation circuit. 2,385,265; Sept. 18.

Folke, Bengt E., Mamaroneck, assignor to Nathan Manufacturing Company, New York, N. Y. Hydraulic pump. 2,369,345; Feb. 13.

Folke, Bengt E., Mamaroneck, assignor to Nathan Manufacturing Company, New York, N. Y. Fluid discharge nozzle. 2,373,555; Apr. 10.

Folke, Bengt E., Mamaroneck, assignor to Nathan Manufacturing Company, New York, N. Y. Closure for lubricators. 2,374,478; Apr. 24.

Folke, Bengt E., Mamaroneck, and H. Winther, Harrington Park, assignors to Nathan Manufacturing Company, New York, N. Y. Wheel flange lubricator. 2,380,743; July 31.

Folkers, Herman, Omaha, Nebr. Combination tool. 2,371,043; Mar. 6.

Folkers, Karl, Plainfield, N. J., assignor to Merck & Co., Inc., Rahway, N. J. Alkaloidal "free" fraction from species of erythrina and its production. 2,391,014; Dec. 18.

Folkers, Karl, Plainfield, and F. R. Koniuszy, Elizabeth, assignors to Merck & Co., Inc., Rahway, N. J. Dihydrogenated-β-erythroidine and production thereof. 2,370,651; Mar. 6.

Folkers, Karl, Plainfield, and R. T. Major, Mountainside, assignors to Merck & Co., Inc., Rahway, N. J. β-Erythroidine and its hydrohalides, and their production. 2,373,952; Apr. 17.

Folkers, Karl, Plainfield, and R. T. Major, Mountainside, assignors to Merck & Co., Inc., Rahway, N. J. Salts of β-erythroidine. 2,373,953; Apr. 17.

Folkers, Karl, Plainfield, and R. T. Major, Mountainside, assignors to Merck & Co., Inc., Rahway, N. J. Production of erythrina alkaloids. 2,385,266; Sept. 18.

Folkers, Karl, Plainfield, and F. Koniuszy, Elizabeth, assignors to Merck & Co., Inc., Rahway, N. J. Physiologically active alkaloids from erythrina species. 2,391,013; Dec. 18.

Folkers, Karl, Plainfield, N. J., and J. Shavel, Jr., Glendale, Long Island, N. Y., assignors to Merck & Co., Inc., Rahway, N. J. Alkaloid and producing the same. 2,391,015; Dec. 18.

Folkins, Hillis O., Skokie, and C. M. Thacker, Highland Park, assignors to The Pure Oil Company, Chicago, Ill. Hydrocarbon conversion. 2,380,958; Aug. 7.

Folkins, Hillis O., Skokie, and C. M. Thacker, Highland Park, assignors to The Pure Oil Company, Chicago, Ill. Production of alkylated aryl compounds. 2,391,146; Dec. 18.

Folkman, Marvin L., Shaker Heights, Ohio. Syringe. 2,390,246; Dec. 4.

Folmer, Graflex Corporation, The: *See*—
Gorey, A. H., Nadel, and Nitsch, assignors.
Gorey, A. H., Nadel, Nitsch, and Steiner, assignors.
Hineline, Edson S., assignor.
Kals, William S., assignor.
Korling, Torkel, assignor.
Steiner, Oscar, assignor.

Folmer, John R., Seattle, Wash. Air-purifying and air-compressing apparatus. 2,371,044; Mar. 6.

Folsom, Robert H., Los Angeles, Calif. Double-wall structural material. 2,389,769; Nov. 27.

Foltz, Carl, and G. Davis, South Bend, Ind. Knife and manufacture thereof. 2,382,304; Aug. 14.

Foltz, Ira W., Chicago, Ill. Furnace. 2,390,995; Dec. 18.

Fontaine, John P. K.: *See*—
Norman, N. M., and Fontaine.

Fontaine, John P. K., and N. M. Norman, Birmingham, Ala., said Norman assignor to said Fontaine. Trailer coupling mechanism. 2,372,943; Apr. 3.

Fontaine, Robert A., Martinsville, Va. Material handling device. 2,370,528; Feb. 27.

Fontaine, Robert A., Martinsville, Va. Coupling for trucks and trailers. 2,371,750; Mar. 20.

Fontana, Marsello G., Wilmington, Del., G. W. Kidder, Bridgeport, Conn., and P. B. Kraus, Roselle Park, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Corrosion recorder. 2,374,088; Apr. 17.

Food Concentrates, Inc.: *See*—
Northcutt, R. T. and R. T., Jr., assignors.

Food Machinery Corporation: *See*—
Bowie, Adrian St. J., assignor.
Broome, John C., assignor.
Broome, J. C., and Carlton, assignors.
Coons, Burton C., assignor.
Cutler, Frank W., assignor.
Hein, George N., assignor.
Holmes, Herbert G., assignor.
Kalmar, Arthur F., assignor.
Kerr, Charles E., assignor.

Food Machinery Corporation: *See*—Continued
Paxton, G. C., and Stilwell, assignors.
Paxton, G. C., and Verrinder, assignors.
Sells, O. S., and Porch, assignors.
Thompson, Albert R., assignor.
Thompson, A. R., and Fox, assignors.

Foot Bros. Gear and Machine Corporation: *See*—
Bregin, John D., assignor.
Mackmann, A., and Ardussi, assignors.

Foote, James H.: *See*—
Ensinger, R., and Foote.

Foote Mineral Company: *See*—
Luckenbach, William F., Jr., assignor.

Forbes, Allan D., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical apparatus. 2,372,067; Mar. 20.

Forbes, Arthur L., Jr., El Paso, Tex. Pressure pipe-welding. 2,376,765; May 22.

Forbes, Jerry U., Cincinnati, Ohio, assignor to Container Corporation of America, Chicago, Ill. Machine for making multiply boards. 2,380,512; July 31.

Forbes, John D., San Francisco, Calif. Parachute release. 2,371,814; Mar. 20.

Forbes, Joseph A., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Brake. 2,384,614; Sept. 11.

Forbes, Joseph A., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Brake. 2,386,453; Oct. 9.

Forbes, L. J., Rainhill, and G. W. T Bird, Prescot, England, assignors to Societe Anonyme Des Manufactures Des Glaces Et Produits Chimiques De Saint-Gobain, Chauny & Cirey, Paris, France. Apparatus for bending glass sheets. 2,372,418; Mar. 27.

Forbes National Bank: *See*—
Thomann, R. A., and Hyle, assignors.

Ford, Allen G.: *See*—
Peterson, W. R., and Ford.

Ford, Ernest L.: *See*—
Hughes, B. D., and Ford.

Ford, Eugene A., Scarsdale, assignor to International Business Machines Corporation, New York, N. Y. Record controlled machine. 2,375,296; May 8.

Ford, Frank R., Sparkbrook, Birmingham, England. Duplicating machine. 2,380,744; July 31.

Ford, Henry, R. A. Boyer, Dearborn, and P. J. Beyer, Detroit, assignors to Ford Motor Company, Dearborn, Mich. Plastic cement. 2,376,133; May 15.

Ford, Henry, Dearborn, E. E. Ensign, Ypsilanti, and A. C. Quinn, assignors to Ford Motor Company, Dearborn, Mich. Magnesium. 2,382,047; Aug. 14.

Ford Instrument Company, Inc.: *See*—
Crowther, George A., assignor.
Doe, T. B., and Kengott, assignors.
Newell, William H., assignor.

Ford, James G., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Bonded laminated magnetic material. 2,372,074; Mar. 20.

Ford, James W.: *See*—
Tillyer, E. D., and Ford.

Ford, John R., Narberth, Pa., assignor to Radio Corporation of America. Amplifier circuit. 2,379,699; July 3.

Ford, John R., Narberth, and J. M. Brumbaugh, Lansdowne, Pa., assignors to Radio Corporation of America. Selective null transmission circuit. 2,372,419; Mar. 27.

Ford, Joseph C., assignor to The Celon Company, Madison, Wis. Screw closure. 2,376,909; May 29.

Ford, Marlyn C., Jacksonville, Fla. Coin controlled locking device for typewriters. 2,374,927; May 1.

Ford Motor Company: *See*—
Boyer, R. A., Atkinson, and Robinette, assignors.
Boyer, R. A., Crupi, and Atkinson, assignors.
Ensign, E. E., and Shaub, assignors.
Ford, H., Boyer, and Beyer, assignors.
Ford, H., Ensign, and Quinn, assignors.
Foster, J. A., and Ensign, assignors.
Galamb, Joseph, assignor.
Galamb, J., and Hibbard, assignors.
Galamb, J., Roberts, and Chubbuck, assignors.
Kramer, Clarence F., assignor.
Kramer, C. F., and Cromwell, assignors.
Kramer, C. F., and Nelson, assignors.
McCarroll, R. H., and Vennerholm, assignors.
McCarroll, R. H., McCloud, and Hanson, assignors.
Newkirk, D. L., and Ensign, assignors.
Page, Ernest, assignor.
Pioch, W. F., and Mistele, assignors.
Pioch, W. F., and Scarlett, assignors.
Richards, A. B., and Atherton, assignors.
Richards, A. B., and O'Reilly, assignors.
Richards, A. B., Mickey, and O'Reilly, assignors.
Shaub, F. G., and Jenness, assignors.
Sheldrick, L. S., and Rodak, assignors.
Sheldrick, L. S., Farkas, and Nador, assignors.
Sorensen, Charles E., assignor.
Sorensen, C. E., and McCarroll, assignors.
Sorensen, C. E., and Reinhold, assignors.
Sorensen, C. E., and Sheldrick, assignors.
Sorensen, C. E., and Smith, assignors.
Sorensen, C. E., and Vant Ranst, assignors.
Sorensen, C. E., McCarroll, and Rothenthaler, assignors.
Thomas, C. W., and Robinson, assignors.
Toelle, A., and Salet, assignors.
Watson, J. E., and Binder, assignors.

Ford, Reginald C., Allesley near Coventry, England. Pump or compressor. 2,368,013; Jan. 23.

Ford, Reginald C., Allesley near Coventry, England. Distilling liquids. 2,375,640; May 8.

Ford, Reginald C., Allesley near Coventry, England. Pump or compressor. 2,386,675; Oct. 9.

Ford, Samuel W., Detroit, Mich. Range boiler. 2,366,507; Jan. 2.

Ford, Tirey F., Arlington, Va. Recovery of rubber latices from plants. 2,378,990; June 26.

Ford, Tirey F., Arlington, Va., assignor to the United States of America, as represented by the Secretary of Agriculture. Coagulation of castilloa latex. 2,390,996; Dec. 18.

Ford, Walter B., Los Angeles, assignor of forty-six and two-thirds percent to C. B. Jamison, Beverly Hills, and twenty percent to C. Mason, Beverly Hills, Calif. Toy gun. 2,390,247; Dec. 4.

Ford, Walter D., Port Allegany, assignor to Pittsburgh Corning Corporation, Allegheny County, Pa. Parting agent in cellular glass manufacture. 2,377,076; May 29.

Fordyce, Charles R., and G. J. Clarke, assignors to Eastman Kodak Company, Rochester, N. Y. Cellulose derivative extrusion process. 2,367,493; Jan. 16.

Foresman, Robert A., Prospect Park, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Furnace wall construction. 2,375,841; May 15.

Foresman, Robert A., Prospect Park, D. J. Mosshart, Ardmore, and A. F. Schultz, Springfield, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Stoker apparatus. 2,369,957; Feb. 20.

Forgea, Ernest, Rensselaer, N. Y. Attachment for looms. 2,368,820; Feb. 6.

Forget, Louisa, Haileybury, Ontario, Canada. Corset stay mounting. 2,389,037; Nov. 13.

Forgrove Machinery Company Limited, The: *See*—
Russell, A., Parker, and Harris, assignors.

Forker, William L., et al.: *See*—
Buckley, Frank R., assignor.

Form Fashion, Inc.: *See*—
Sholder, Morris, assignor.

Forman, Benjamin, Stelton, N. J. Imparting gyratory and other motions to flexible tubular members. 2,381,213; Aug. 7.

Formhals, William H., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Saturation scheme for direct current generators. 2,372,075; Mar. 20.

Formica Insulation Company, The: *See*—
Dreyer, John F., assignor.

Formosa, John, McKees Rocks, Pa. Toolholder and guard. 2,366,249; Jan. 2.

Forney, Harold R., Surprise, Nebr. Automatic telescopic draft hitch. 2,384,244; Sept. 4.

Forney, Harold R., Surprise, Nebr. Draft hitch. 2,384,245; Sept. 4.

Forrer, Homer W., assignor to Atlanta Paper Company, Atlanta, Ga. Cardboard receptacle. 2,368,534; Jan. 30.

Forrest, Mark L., Portland, Oreg. Chain saw. 2,387,064; Oct. 16.

Fors, Eric H., assignor to Morgan Construction Company, Worcester, Mass. Gauge. 2,366,508; Jan. 2.

Fors, Eric H., Worcester, and J. W. Rodnick, Grafton, assignors to Morgan Construction Company, Worcester, Mass. Gauge. 2,368,129; Jan. 30.

Forsberg, Axel A. Stockholm, Sweden, assignor to Electrolux Corporation, New York, N. Y. Vacuum cleaner. 2,372,944; Apr. 3.

Forsberg, Erik A., Nockeby, assignor to Aktiebolaget Separator, Stockholm, Sweden. Pulsator for milking machines. 2,369,731; Feb. 20.

Forsberg, Frank, Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey Cleaning oxides from steel. 2,378,761; June 19.

Forse, Harry D., Anderson, Ind. Flatwork ironer. 2,368,652; Feb. 6.

Forsgren, Donald W. and W. W., assignors to U. S. Metallic Magnesium Company, Salt Lake City, Utah. Alloy for use in electrolytic cell. 2,379,429; July 3.

Forsgren, Waldo W.: *See*—
Forsgren, Donald W. and W. W.

Forslund, Gustav J., Chicago, Ill. Lettering-guide holder. 2,389,303; Nov. 20.

Forss, Frithiof P., Aurora, assignor to Independent Pneumatic Tool Company, Chicago, Ill. Air regulator. 2,369,779; Feb. 20.

Forss, Frithiof P., Aurora, assignor to Independent Pneumatic Tool Company, Chicago, Ill. Distributing valve for pneumatic tools. 2,372,945; Apr. 3.

Forss, Frithiof P., Aurora, assignor to Independent Pneumatic Tool Company, Chicago, Ill. Nibbling tool. 2,376,590; May 22.

Forss, Frithiof P., Aurora, assignor to Independent Pneumatic Tool Company, Chicago, Ill. Motor armature. 2,381,533; Aug. 7.

Forss, Frithiof P., Aurora, assignor to Independent Pneumatic Tool Company, Chicago, Ill. Switch mounting for electric drills. 2,383,379; Aug. 21.

Forsseberg, Carl F. W., Brooklyn, N. Y. Wind instrument. 2,373,110; Apr. 10.

Forssell, Eric G., Kenmore, N. Y., assignor to W. H. Miner, Inc., Chicago, Ill. Film holder. 2,389,495; Nov. 20.

Forssell, Eric G., Kenmore, N. Y., assignor to W. H. Miner, Inc., Chicago, Ill. Film holders. 2,390,211; Dec. 4.

Forst & Company, et al.: *See*—
Forst, Harry S., assignor.

Forst, Harry S., assignor to Hugo Barol, trading as Forst & Company, Philadelphia, Pa. Lady's handbag and the like. 2,374,856; May 1.

Forster, John G., Chicago, Ill., and L. G. Plant, Washington, D. C. Combined sand elevator and drier. 2,388,399; Nov. 6.

Forster, John O.: *See*—
Beeh, L., Forster, and Meyer.

Forsyth, Archibald G., Cheam, assignor to The Fairey Aviation Company, Limited, Hayes, England. Making hub structures. 2,378,842; June 19.

Forsyth, Archibald G., Cheam, assignor to The Fairey Aviation Company Limited, Hayes, Middlesex, England. Marine power unit. 2,389,663; Nov. 27.

Forsyth, Archibald G., and G. J. Smith-Pert, Cheam, assignors to The Fairey Aviation Company Limited, Hayes, Middlesex, England. Supercharged engine for aircraft. 2,371,983; Mar. 20.

Forsyth, Archibald G., and G. J. Smith-Pert, Cheam, assignors to The Fairey Aviation Company Limited, Hayes, Middlesex, England. Variable speed means for variable pitch propeller systems. 2,372,667; Apr. 3.

Forsyth, George H., Stevenage, England. Imposing harmonic torques on shafting. 2,371,984; Mar. 20.

Forter, Samuel A., assignor to Forter-Teichmann Company, Pittsburgh, Pa. Glass-blowing machine. 2,373,820; Apr. 17.

Forter-Teichmann Company: *See*—
Forter, Samuel A., assignor.
Snyder, Harold H., assignor.

Fortescue, Richard L., London, S. W. 12, assignor to Standard Telephones and Cables Limited, and Marconi's Wireless Telegraph Company, Limited, London, England. Thermionic valve apparatus. 2,389,145; Nov. 20.

Fortis, Oscar, Chicago, Ill., assignor to Automatic Burner Corporation. Burner. 2,386,848; Oct. 16.

Forward, Frederick B., McGaheysville, Va., assignor of one-half to R. A. Mattern, New York, N. Y. Prefabricated building construction. 2,375,910; May 15.

Fosdick Machine Tool Company, The: *See*—
Linden, C. E., and McClellan, assignors.

Foss, Benjamin S., Brookline, assignor to B. F. Sturtevant Company, Hyde Park, Boston, Mass. Control vanes for fans. 2,388,208; Oct. 30.

Foss, Ferdinand H. H., Chicago, Ill., assignor to Carnegie-Illinois Steel Corporation. Pincer lifting clamp. 2,367,766; Jan. 23.

Foss, Henry O., Tacoma, Wash. Floating dock. 2,389,353; Nov. 20.

Fossa, Joseph, Lynn, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Form-folding machine. 2,379,074; June 26.

Fossa, Joseph, Lynn, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe upper lacing machine. 2,383,538; Aug. 28.

Fossa, Joseph, Lynn, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Tape applying machine. 2,383,539; Aug. 28.

Fosse, Henriette, J. Palou, and L. Lacombe, Avignon, France; vested in the Alien Property Custodian. Hand knitting needle. 2,378,544; June 19.

Fossieck, Gerald W.: *See*—
Mueller, R. H., and Fossieck.

Foster, Adeline P.: *See*—
Foster, Edson P., assignor.

Foster, Arch L., Tulsa, Okla., assignor to Phillips Petroleum Company. System of heat exchange and temperature control. 2,379,481; July 3.

Foster, Arch L., Bartlesville, Okla., assignor to Phillips Petroleum Company. Catalytic cracking-isomerization alkylation process. 2,385,806; Oct. 2.

Foster, Arch L., Bartlesville, Okla., assignor to Phillips Petroleum Company. Preparation of cyclic hydrocarbons. 2,387,989; Oct. 30.

Foster, Boutwell H., Maplewood, N. J., assignor to United States Rubber Company, New York, N. Y. Highly stretchable yarn. 2,387,320; Oct. 23.

Foster, Carl, East St. Louis, assignor to American Steel Foundries, Chicago, Ill. Peephole box. 2,387,133; Oct. 16.

Foster, David F., Napa, Calif. Compression control device. 2,381,895; Aug. 14.

Foster, Dudley E., Toronto, Ontario, Canada, assignor to Radio Corporation of America. Variable inductance tuning. 2,375,911; May 15.

Foster, Edson P., Manitowoc, Wis., assignor to A. P. Foster, Torrington, Conn. Felting needle and making the same. 2,391,560; Dec. 25.

Foster, Edward E.: *See*—
Lilley, S. C., and Foster.

Foster, Edwin E., Austin, Tex. Ironing device. 2,369,732; Feb. 20.

Foster, James M., et al.: *See*—
Anderson, William R., assignor.

Foster, John A., Detroit, and E. E. Ensign, Ypsilanti, assignors to Ford Motor Company, Dearborn, Mich. Replacing retorts. 2,372,946; Apr. 3.

Foster, Krake, et al.: *See*—
Ballinger, Karl, assignor.

Foster, Levin W.: *See*—
Holmberg, G. D., and Foster.

Foster Machine Company: *See*—
Swift, H. E., and Davis, assignors.

Foster, Norman M., assignor to Western Products, Incorporated, New Castle, Ind. Gas mixer. 2,366,322; Jan. 2.

Foster, Reginald T., Birkenhead, England, assignor to Imperial Chemical Industries Limited. Production of trichloroacetonitrile. 2,375,545; May 8.

Foster, Shubel A., Ferndale, Mich. Photographic printer. 2,383,785; Aug. 28.

Foster, Sidney, assignor to Automotive Products Company Limited, Leamington Spa, England. Landing gear for aircraft. 2,376,678; May 22.

Foster, Warren D.: *See*—
Wilson, O. W., and Foster.

Foster Wheeler Corporation: *See*—
Artsay, Nicholas C., assignor.
Beach, Frederick S., assignor.
Blizard, John, assignor.
Frisch, Martin, assignor.
Keenan, W. F., Jr., and Artsay, assignors.
Larsen, James M., assignor.
Lonsdale, William, assignor.
Primrose, J., and McCulloch, assignors.
Scott, Norris A., Jr., assignor.

Fostos, John, Burlingame, Calif. Amusement device. 2,385,980; Oct. 2.

Fothergill, Alexander P.: *See*—
Ravndal, E., and Fothergill.

Fothergill, Robert E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. High viscosity cellulose propionate and making. 2,372,565; Mar. 27.

Foulds, Charles V., Berkeley, assignor to Pacific Electric Manufacturing Corporation, San Francisco, Calif. Air blast circuit breaker. 2,382,786; Aug. 14.

Foulds, Neil M.: *See*—
Ferris, W. D., Wolf, and Foulds.

Foulke, Ted E., Mayfield, Ohio, and H. M. Holtan, Brooklyn, N. Y., assignors to General Electric Company. Purifying tungstic acid. 2,366,250; Jan. 2.

Foulkes, Christopher H., assignor to Standard Telephones and Cables Limited, London, England. Mechanical adjustment of elements mounted inside vacuum tubes. 2,368,821; Feb. 6.

Foulston, Robert C., et al.: *See*—
Roby, Horace H., assignor.

Foundry Equipment Company, The: *See*—
Barnett, Charles A., assignor.

Fourness, Charles A., Appleton, and C. H. Reichel, assignors to Paper Patents Company, Neenah, Wis. Wadding roll tightener. 2,386,943; Oct. 16.

Fountain, Harold, Fall River, Mass., assignor to United Merchants & Manufacturers, Inc., Wilmington, Del. Multicolor flock printed fabric. 2,368,706; Feb. 6.

Fountain, Lawrence L., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Power-reversal and fault-responsive relay. 2,376,766; May 22.

Fountain, Lawrence L., and E. H. Klemmer, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Discriminating protective relaying apparatus. 2,376,767; May 22.

Four Wheel Drive Auto Company, The: *See*—
Simonds, George D., assignor.

Fouse, Frederick Z.: *See*—
McNamara, W. L., and Fouse.

Fowler, Elbert, Mount Vernon, assignor to Rogers Diesel & Aircraft Corporation, New York, N. Y. Rotary pump. 2,372,076; Mar. 20.

Fowler, Elbert, Mount Vernon, N. Y., assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Fluid pressure mechanism. 2,386,046; Oct. 2.

Fowler, George B., and D. K. Pattilloch, Springfield, Mass.; said Pattilloch assignor to Chemical Developments, Inc., Chicago, Ill. Starch product. 2,385,438; Sept. 25.

Fowler, Ival G., and H. A. McMaster, assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Producing optical elements. 2,367,111; Jan. 9.

Fowler, John T., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Crusher. 2,381,661; Aug. 7.

Fowler, Victor M., Spokane, Wash. Ladder. 2,381,154; Aug. 7.

Fowler, William F., Jr.: *See*—
Kenyon, William O., and Fowler.
Lowe, W. G., and Fowler.

Fox, Abraham L., and C. J. Chindgren, Salt Lake City, Utah, assignors to the Government of the United States, as represented by the Secretary of the Interior. Thermal decomposition of metallic nitrates. 2,374,674; May 1.

Fox, Anna, Yonkers, and H. J. Dudley, New York, N. Y. Loom construction. 2,382,048; Aug. 14.

Fox, Arthur L., Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Sulphur dyestuffs and preparing the same. 2,369,666; Feb. 20.

Fox, Arthur L., Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Sulphur dyestuffs and preparing the same. 2,369,667; Feb. 20.

Fox, Arthur L., Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Sulphur dyestuffs and preparing the same. 2,369,668; Feb. 20.

Fox, Arthur L., Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Sulphonyl chloride derivatives and preparing the same. 2,370,786; Mar. 6.

Fox, Arthur L., Easton, Pa., and K. C. Johnson, Claymont, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of chlorinated phthalocyanines. 2,377,685; June 5.

Fox, Benjamin: *See*—
Worthen, E. P., and Fox.

Fox, Charles A., Oakland Village, assignor to James R. Kearney Corporation, St. Louis, Mo. Electrical switch. 2,367,391; Jan. 16.

Fox, Charles A., Oakland Village, assignor to James R. Kearney Corporation, St. Louis, Mo. Electrical cut-out. 2,376,996; May 29.

Fox, Frank, New York, assignor of one-half to J. W. Funke, Pelham Manor, N. Y. Foldable reel for narrow fabrics. 2,369,958; Feb. 20.

Fox, Gordon, assignor to Freyn Engineering Company, Chicago, Ill. Skip hoist control. 2,370,855; Mar. 6.

Fox, Gordon, assignor to Freyn Engineering Company, Chicago, Ill. Skip hoist control. 2,379,958; July 10.

Fox, John J., Chicago, Ill. Forming T-head columns. 2,387,134; Oct. 16.

Fox, Joseph H., Bronx, N. Y. Photograph frame. 2,377,487; June 5.

Fox, LeRoy G., Los Angeles, assignor to C. N. Erickson, Glendale, Calif. Resuscitator. 2,376,348; May 22.

Fox, Martin, Chicago, Ill., assignor to The Seng Company. Desk with typewriter carrier. 2,372,718; Apr. 3.

Fox, Richard D.: *See*—
Thompson, A. R., and Fox.

Fox, Robert P.: *See*—
Berby, O. L., and Fox.

Fox, Sereck H., Birmingham, and L. P. Opferman, Detroit, assignors to Gelatin Products Corporation, Detroit, Mich. Enteric gelatin capsule shell or envelope. 2,390,088; Dec. 4.

Fox, Vernie A., Detroit, Mich. Fuel ignition system. 2,385,699; Sept. 25.

Fox, Vernie A., Detroit, Mich., assignor of one-half to Container Corporation of America, Chicago, Ill., and one-half to Dewey & Almy Chemical Company, Cambridge, Mass. Apparatus for coating containers. 2,368,130; Jan. 30.

Foxboro Company, The: *See*—
Kidd, Wilmot H., assignor.
Mason, Clesson E., assignor.

Fr. Sauter A. G. Fabrik elektr. Apparate: *See*—
Helfenstein, Adam, assignor

Fradenburgh, John: *See*—
Kellogg, W. D., and Fradenburgh.

Fraga, Frank M., Fresno, Calif. Hitch. 2,379,225; June 26.

Fragen, Nathan: *See*—
Nysewander, C. W., and Fragen.

Fragen, Nathan, Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Isomerization. 2,386,784; Oct. 16.

Fragola, Caesar F.: *See*—
Enval, O. E., Curry, Fragola, and Beach.

Fragola, Caesar F., Brooklyn, M. C. Depp, Hempstead, and R. S. Curry, Jr., Baldwin, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Flux valve. 2,389,146; Nov. 20.

Fraim, Everett G.: *See*—
Sprague, R. M., and Fraim.

Frakes, Frank F., Columbia, Tenn. Airplane. 2,373,467; Apr. 10.

Fram, Julius: *See*—
Floyd, Clyde M., and Fram

Francescon, Daniel L., Oak Park, Ill., assignor to Columbian Bank Note Company. Printed label. 2,369,549; Feb. 13.

Francey, William J.: *See*—
Locke, S. J., and Francey.

Francis, Alfred W., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Alkylation. 2,368,653; Feb 6.

Francis, Alfred W., Woodbury, and C. H. Schlesman, Camden, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Manufacture of aromatic compounds. 2,371,163; Mar. 13.

Francis, Alfred W., Woodbury, N. J., and E. E. Reid, Baltimore, Md., assignors to Socony-Vacuum Oil Company, Incorporated. Styrene separation. 2,377,221; May 29.

Francis, Alfred W., Woodbury, N. J., and W. H. James, State College, Pa., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Isomerization. 2,389,250; Nov. 20.

Francis, John G., assignor to Chamberlain, Inc., Chicago, Ill. Coffee brewer. 2,387,322; Oct. 23.

Francis, Oliver T., U. S Marine Corps. Apparatus for the detection and removal of gas or gases. 2,373,111; Apr. 10.

Francis, Oliver T., U. S. Marine Corps. Apparatus for the supply, detection, separation, or determination of the concentration of a gas or gases. 2,373,112; Apr. 10.

Francis, Oliver T., U. S. Marine Corps. Apparatus for the detection or separation of a plurality of gases. 2,373,113; Apr. 10.

Francis, Sydney, Weeton, near Leeds, England. Milling cutter. 2,377,773; June 5.

Francisco, Herbert H., Bethlehem, Pa., assignor to Bethlehem Steel Company. Electrical contactor for wire or sheets. 2,366,509; Jan. 2.

Francisco, William H., Jr., Bloomfield, N. J., assignor to Wright Aeronautical Corporation. Gauge to indicate oil pressure in a crankcase. 2,375,096; May 1.

Franck, Clarence C., Swarthmore, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Steam turbine testing apparatus. 2,379,700; July 3.

Franck, Ernest W., Glenbrook, Conn., and H. E. Reeves, New York, N. Y. Phonograph. 2,380,037; July 10.

Franck, George E., Riverside, assignor to The Imperial Brass Manufacturing Company, Chicago, Ill. Filter. 2,367,935; Jan. 23.

Franck, George E., Riverside, assignor to The Imperial Brass Manufacturing Company, Chicago, Ill. Plug cock. 2,383,064; Aug. 21.

Franck, Kurt, Newark, Ohio, assignor to Holophane Company, Inc., New York, N. Y. Luminaire. 2,368,014; Jan. 23.

Franclare Company: *See*—
Miller, F. W., assignor.

François, Jean, Issoire, France, assignor to Bendix Aviation Corporation, New York, N. Y. Brake. 2,372,319; Mar. 27.

Franey, Robert G.: *See*—
Glaser, L. B., and Franey.

Frank, Clarence E., Fraser, assignor to Briggs Manufacturing Company, Detroit, Mich. Engine. 2,377,336; June 5.

Frank, Edward J.: *See*—
Thumim, C., Frank, and Boisseau.

Frank, Eric L., Baltimore, Md. Garment. 2,368,654; Feb. 6.

Frank, Frederick C., Pitman, and D. E. Badertscher and H. G. Berger, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Vanadium salts of acid esters as inhibitors in lubricating oils. 2,388,400; Nov. 6.

Frank, George H., Oak Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Strand coating apparatus. 2,380,422; July 31.

Frank, George H., Oak Park, and B. M. A. Trebes, Berwyn, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Molding. 2,369,291; Feb. 13.

Frank, Guenther A.: *See*—
Kleinberg, Benjamin W., assignor.

Frank, Joseph, Forest Hills, and A. P. Marr, Brooklyn, assignors to Gemloid Corporation, Elmhurst, Long Island, N. Y. Portable flashlight. 2,387,753; Oct. 30.

Frank, Louis, Fellows, Calif. Snap-in electric lamp plug. 2,372,266; Mar. 27.

Frank, Louis, Fellows, Calif. Cooky cutter. 2,379,140; June 26.

Frank, Louis, Fellows, Calif. Electric switch plug and socket indicator. 2,380,588; July 31.

Frank, Louis, Fellows, Calif. Safety razor. 2,381,043; Aug. 7.

Frank, Louis, Fellows, Calif. Wire or rod connector and clamp. 2,387,436; Oct. 23.

Frank, Louis, Fellows, assignor of one-third to A. Reader, Taft, Calif. Rivet string. 2,366,510; Jan. 2.

Frank, Mark H., Birmingham, assignor to General Motors Corporation, Detroit, Mich. Overdrive gearing. 2,390,645; Dec. 11.

Frank, Robert L.: *See*—
Frank, William H. and R. L., and Fisher.

Frank, William, Silesia, Mont. Air pipe coupling and retaining means. 2,376,134; May 15.

Frank, William H., assignor to Bull Dog Electric Products Company, Detroit, Mich. Manufacturing continuous outlet strip. 2,371,816; Mar. 20.

Frank, William H. and R. L., and L. E. Fisher, Detroit, Mich. Electrical distribution system. 2,372,267; Mar. 27.

Franke, Normal W.: *See*—
Montgomery, C. W., and Franke.

Frankel, Jack, Brooklyn, N. Y. Automatic grip for life-saving devices. 2,386,849; Oct. 16.

Frankel, Leo, Chicago, Ill., assignor, by mesne assignments, to Franklin Photographic Industries. Film splicer. 2,385,353; Sept. 25.

Frankel, Sidney, Forest Hills, assignor to Federal Telephone and Radio Corporation, New York. N. Y. Frequency changing signal generating system. 2,380,959; Aug. 7.

Frankenberg Bros., Inc.: *See*—
Klein, C. F., and Huber, assignors.

Frankenfield, Frederick A.: *See*—
Daly, R. E., Frankenfield, and Schopmeyer.

Frankenstein, William P.: *See*—
Freel, W. G., Diver, and Jones, assignors.

Frankfort Distilleries, Incorporated: *See*—
Miller, Samuel C., assignor.
Walsh, E. R., and Ward, assignors.

Frankfurt, Boris: *See*—
Barnard, K. K., and Boris.

Frankfurther, Paul, London, England. Manufacture of stiffened fibrous materials. 2,373,954; Apr. 17.

Frankhouser, Albert G., assignor to The H. G. Shook Company, Lima, Ohio. Snatch block. 2,382,049; Aug. 14.

Frankl, Paul T., Los Angeles, Calif. Drawer construction. 2,377,929; June 12.

Franklin, Albert W., New York, N. Y. Radio tube socket. 2,380,589; July 31.

Franklin, Ernest M., Kingsport, Tenn., assignor of one-third to H. H. Smith, and one-third to C. E. Hartgrove. Stove or furnace construction. 2,382,785; Aug. 14.

Franklin, Godfrey, Vallejo, Calif. Sandblasting and apparatus therefor. 2,389,616; Nov. 27.

Franklin, Hubert F., Baldwin, N. Y., assignor to Republic Aviation Corporation. Aircraft gun mount. 2,381,341; Aug. 7.

Franklin, Leslie U.: *See*—
Crockett, L. O., and Franklin.

Franklin, Leslie U., and E. E. Dunlay, Port Arthur, Tex., assignors to Gulf Oil Corporation, Pittsburgh, Pa. Depolymerization of olefin polymers. 2,383,642; Aug. 28.

Franklin Photographic Industries: *See*—
Frankel, Leo, assignor.

Franklin Railway Supply Company, Inc.: *See*—
Delano, Raymond P., Jr., assignor.

Franklin, Richard C.: *See*—
Waldron, W. R., and Franklin.

Franklin, Robert B., assignor to Playground Equipment Co., Inc., Dallas, Tex. Carrousel. 2,384,906; Sept. 18.

Franklin, William B.: *See*—
Shipley, G. H., Jr., and Franklin.

Franks Manufacturing Corporation: *See*—
Woody, W. B., and Scott, assignors.

Franks, Russel, Niagara Falls, N. Y., assignor to Electro Metallurgical Company. Cold rolled manganese steels. 2,378,991; June 26.

Franks, Russel, Niagara Falls, N. Y., assignor to Electro Metallurgical Company. Articles for use at low temperatures. 2,378,992; June 26.

Franks, Russel, Niagara Falls, N. Y., assignor to Electro Metallurgical Company. Cold rolled manganese steels. 2,378,993–4; June 26.

Frankwich, Alexander C., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Take-up apparatus. 2,391,088; Dec. 18.

Frantz, John R., Wauwatosa, assignor to Le Roi Company, West Allis, Wis. Automatic compressor regulator. 2,380,226; July 10.

Frantz Manufacturing Co.: *See*—
Ferris, William D., assignor.
Ferris, W. D., Wolf, and Foulds, assignors.
Tarvin, Eugene R., assignor.

Frantz, Paul E., Euclid, assignor to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Clutch. 2,380,590; July 31.

Frantz, Virgil L., Roanoke, Va. Track sander. 2,380,745; July 31.

Franz, Chester B., Brentwood, Mo., assignor of one-half to Barker Poultry Equipment Company. Poultry handling method. 2,381,044; Aug. 7.

Franz, Erwin E., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Reciprocable telescopic members. 2,374,595; Apr. 24.

Franz, Frederick, West Haven, assignor to ATA Manufacturing Company, Inc., New Haven, Conn. Cup-separating and dispensing machine. 2,385,267; Sept. 18.

Franz, Raymond A., Wallingford, Pa., assignor to The United Gas Improvement Company. Removing impurities from unsaturated hydrocarbons by means of organometallic compounds. 2,389,251; Nov. 20.

Fraps, Junius P., Yeadon, Pa., assignor to General Electric Company. Control of electric switches. 2,368,461; Jan. 30.

Fraps, Richard M., Beltsville, Md. Weighing scale. 2,368,655; Feb. 6.

Fraser, Charles E., Vancouver, British Columbia, Canada. Notching machine. 2,377,139; May 29.

Fraser and Glass Limited: *See*—
Taylor, Percy W., assignor.

Fraser, Harold M., assignor to International Lubricant Corporation, New Orleans, La. Production of lubricants. 2,380,960; Aug. 7.

Fraser, Kenneth G.: *See*—
Stillwagon, George B., Jr., assignor.

Fraser, Le Roy B., Woodbridge, and E. D. Lambert, West Hartford, Conn., assignors to Underwood Elliott Fisher Company, New York, N. Y. Method of and apparatus for testing guns and correcting gunsights. 2,378,545; June 19.

Fraser, Malcolm W.: *See*—
Parsons, John B., assignor.

Fraser, Malcolm W., trustee: *See*—
Parsons, John B., assignor.

Fraser, Roland K., assignor to Tyer Rubber Company, Andover, Mass. Device for applying viscous liquids. 2,376,243; May 15.

Frasher, Lloyd A., Riverside, Calif. Strawberry huller. 2,376,135; May 15.

Fratis, Joseph E., Berkeley, assignor, by mesne assignments, to California Research Corporation, San Francisco, Calif. Coating compositions and the like. 2,384,671; Sept. 11.

Frauenthal, Harold, and H. M. Lochrane, Muskegon, Mich.; said Lochrane assignor to said Frauenthal. Grinding, cutting or boring machine. 2,374,928; May 1.

Frazier, Elmer E., Halethorpe, Md., assignor to Bendix Aviation Corporation, New York, N. Y. Obstruction warning device. 2,382,557; Aug. 14.

Frazier, Radford K., Baltimore, Md., assignor to Bendix Aviation Corporation, South Bend, Ind. Potentiometer. 2,388,534; Nov. 6.

Frazier, Raymond L.: *See*—
Lazar, A., Ruedrich and Frazier.

Frear, George L., near Sheffield, Ala., assignor to Tennessee Valley Authority. Oxidizing phosphorus. 2,374,188; Apr. 24.

Frecska, Zigmond E., Cleveland, Ohio. Safety traffic signal belt. 2,378,075; June 12.

Frede, Charles F.: *See*—
Jackson, E. C., and Frede.

Frede, Charles F., University City, Mo., assignor to General Steel Castings Corporation, Granite City, Ill. Railway truck brake structure. 2,374,738; May 1.

Frede, Charles F., University City, Mo., assignor to General Steel Castings Corporation, Granite City, Ill. Railway truck structure. 2,374,739; May 1.

Fredendall, Gordon L., Feasterville, Pa., assignor to Radio Corporation of America. Intelligence transmission system. 2,391,776; Dec. 25.

Frederick, George J., Portsmouth, Ohio. Bomb protector. 2,381,534; Aug. 7.

Frederick, Rochelle, Philadelphia, Pa. Rotatable table for casing punch presses. 2,374,596; Apr. 24.

Fredericksen, George H., et al.: *See*—
Bruen, George C., assignor.

Fredericksen, James M.: *See*—
Pierce, J. S., Salsbury, and Fredericksen.

Fredericksen, James P., Braintree, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Welt beating machine. 2,375,217; May 8.

Frederickson, Clayton E., Chicago, Ill. Traction wheel and chain. 2,383,184; Aug. 21.

Fredrickson, Edward A., assignor to Crane Co., Chicago, Ill. Flush valve. 2,369,104; Feb. 6.

Fredriksson, Joe A., San Francisco, Calif. Game board. 2,391,147; Dec. 18.

Free, Gerhard: *See*—
Pier, M., Free, and v. Fuener.

Freed, Henry C., Glendale, Calif. Fluid control coupling 2,369,823; Feb. 20.

Freed, Henry C., Glendale, Calif. Electromagnetically controlled coupling device. 2,370,027; Feb. 20.

Freedman, Israel L.: *See*—
Grice, L. O., and Freedman.

Freedman, Israel L., Washington, D. C. Headgear. 2,374,675; May 1.

Freedman, Israel L., Washington, D. C. Shirt. 2,375,779; May 15.

Freedman, Israel L., Washington, D. C. Coverall. 2,380,423; July 31.

Freel, William G., J. E. Diver, and S. F. Jones, London, Ontario, Canada, assignors, by mesne assignments, to W. P. Frankenstein, Cincinnati, Ohio. Carton. 2,374,006; Apr. 17.

Freeland Spool and Bobbin Corp.: *See*—
Markle, George B., Jr., assignor.

Freeman, Albert E.: *See*—
Brown, H. D., and Freeman.

Freeman, Benjamin W.: *See*—
Ducklo, Robert L., assignor.
Freeman, Louis G., Jr., assignor.
Newton, Charles E., assignor.

Freeman, Benjamin W. and L. G., Jr., Cincinnati, Ohio; said L. G. Freeman, Jr., assignor to B. W. Freeman. Heat marking apparatus 2,374,089; Apr. 17.

Freeman, Frank W.: *See*—
Gast, H., and Freeman.

Freeman, Frederick C., Lake Forest, and A. B. Rieger, Waukegan, Ill., assignors to Johns-Manville Corporation, New York, N. Y. Mineral wool apparatus. 2,376,043; May 15.

Freeman, Harry H., Teddington, England. Tool-adjusting means. 2,369,555; Feb. 13.

Freeman, Herbert H., Minneapolis, Minn. Piston. 2,378,076; June 12.

Freeman, Howard G., assignor to Rockwood Sprinkler Company, Worcester, Mass. Apparatus for extinguishing fires. 2,375,297; May 8.

Freeman, Leon T., and R. H. Shively, Scranton, Pa., assignors to C. H. Shively, Fremont, Ohio. Brake operating mechanism. 2,379,796; July 3.

Freeman, Leon T., and R. H. Shively, Scranton, Pa.; said Freeman assignor to said Shively. Brake operating mechanism. 2,385,621; Sept. 25.

Freeman, Leon T., and R. H. Shively, Scranton, Pa.; said Freeman assignor to said Shively. Brake operating mechanism. 2,385,622; Sept. 25.

Freeman, Louis G., Co., The: *See*—
Freeman, Benjamin W. and L. G.
Hoffman, Howard H., assignor.

Freeman, Louis G., Jr., assignor to B. W. Freeman, Cincinnati, Ohio. Slashing platforms and insoles. 2,380,227; July 10.

Freeman, Louis G., Jr., assignor, by mesne assignments, to B. W. Freeman, Cincinnati, Ohio. Die. 2,386,102; Oct. 2.

Freeman, Lowell C., assignor to The Murray Corporation of America, Detroit, Mich. Spring construction. 2,366,607; Jan. 2.

Freeman, Paul B.: *See*—
Whitesell, R. O., and Freeman, assignors.

Freeman, Richard D.: *See*—
Collings, W. R., Freeman, Roberts, and Hisey.

Freeman, Richard D., Midland, Mich., and G. P. Schmelter, Plainfield, N. J., assignors to The Dow Chemical Company, Midland, Mich. Polymerization mold. 2,376,244; May 15.

Freeman, Richard E., assignor to Freeman Shoe Corporation, Beloit, Wis. Shoe. 2,371,751; Mar. 20.

Freeman, Roland J., Baldwin, N. Y. Desk furniture. 2,387,506; Oct. 23.

Freeman, Samuel R. T., Leicester, England, assignor to Mellor Bromley & Co. Limited. Hank pole or the like for use in dyeing and analogous apparatus. 2,369,121; Feb. 13.

Freeman Shoe Corporation: *See*—
Freeman, Richard E., assignor.

Freeman, Stephen E., Wauwatosa, Wis., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Extraction of phosphatides, free fatty acids, and the like from glyceride oils. 2,390,528; Dec. 11.

Freeman, Thomas R., St. Louis, Mo. Foundation structure. 2,378,995; June 26.

Freeman, Walter B.: *See*—
Hasselquist, V. H., and Freeman.

Freeman, Walter R., Clayton, assignor to Wagner Electric Corporation, St. Louis, Mo. Compressor. 2,366,186; Jan. 2.

Freeman, Walter R., Clayton, assignor to Wagner Electric Corporation, St. Louis, Mo. Braking system. 2,366,608; Jan. 2.

Freeman, Walter R., Clayton, assignor to Wagner Electric Corporation, St. Louis, Mo. Shaft seal. 2,375,985; May 15.

Freeman, Walter R., Clayton, assignor to Wagner Electric Corporation, St. Louis, Mo. Compressor. 2,384,293; Sept. 4.

Freese, Douglas H., Portage Des Sioux, Mo. Counter-sinking drill. 2,372,719; Apr. 3.

Freese, Frank B.: *See*—
Douty, A., and Freese.

Freevol, Harold, et al.: *See*—
Nelson, Noble A., assignor.

Freez-A-Bag, Inc.: *See*—
Robertson, Bassett R., assignor.

Fregeolle, Oscar, assignor to Hemphill Company, Central Falls, R. I. Stitch regulating mechanism. 2,369,780; Feb. 20.

Fregeolle, Oscar, assignor to Hemphill Company, Central Falls, R. I. Knitting. 2,374,532; Apr. 24.

Fregeolle, Oscar, assignor to Hemphill Company, Central Falls, R. I. Knitting. 2,374,857; May 1.

Fregeolle, Oscar, assignor to Hemphill Company, Central Falls, R. I. Knitting. 2,376,044; May 15.

Frei, Jakob R., Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Magneto. 2,377,620; June 5.

Frei, Jakob R., Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Ignition apparatus. 2,377,621; June 5.

Frei, Jost: *See*—
Graenacher, C., Sallmann, Albrecht, and Frei.
Graenacher, C., Sallmann, and Frei.

Freiberg, Henry, assignor of one-half to S. Freiberg, London, England. Manufacture of fabrics and the like with beaded or similar decoration. 2,370,028; Feb. 20.

Freiberg, Louis D., Akron, Ohio. Wrapped article and wrapping the same. 2,371,985; Mar. 20.

Freiberg, Samuel: *See*—
Freiberg, Henry, assignor.

Freifelder, Morris: *See*—
Raizisa, G. W., Clemence, and Freifelder.

Freiler, Kurt, Los Angeles, Calif. Spool for ribbons and other narrow fabrics. 2,380,641; July 31.

Freilich, Jacob, Bronx, and C. N. Frey, Scarsdale, assignors to Standard Brands Incorporated, New York, N. Y. Manufacture of baked goods. 2,382,305; Aug. 14.

Freisinger, Andrew, Jr., Florida, N. Y. Bulbous plant topper. 2,366,446; Jan. 2.

Freitag, Edward F.: *See*—
Freitag, Theodore R. and E. F.

Freitag, Theodore R., Woodbridge Township, Middlesex County, N. J., and E. F. Freitag, New York, N. Y. Automatic control for electroplating service. 2,370,621; Mar. 6.

Fremlin, John H., London W. C. 2, England, assignor to International Standard Electric Corporation, New York, N. Y. Electron discharge apparatus. 2,374,810; May 1.

French, Albert H., Beverly Hills, Calif., assignor to United Aircraft Corporation, East Hartford, Conn. Engine and propeller control. 2,374,276; Apr. 24.

French, Charles A., Greenville, S. C. Sterilizing apparatus and process. 2,386,676; Oct. 9.

French, David M.: *See*—
Rainier, E. T., and French.

French, George F. and R., Manchester, 15, England. Machine gun cartridge belt and the like. 2,376,962; May 29.

French, Henry C.: *See*—
Meyer, A. F., and French.

French, Henry C., Elm Grove, assignor to The Heil Co., Milwaukee, Wis. Submersible deep well pump. 2,368,131; Jan. 30.

French, Henry C., Elm Grove, assignor to The Heil Co., Milwaukee, Wis. Liquid pump. 2,368,132; Jan. 30.

French, James D., Austin, Tex. Traffic and other marker. 2,366,715; Jan. 9.

French, James W., assignor to Barr and Stroud, Limited, Anniesland, Glasgow, Scotland. Optical observation instrument. 2,372,479; Mar. 27.

French, James W., Anniesland, Glasgow, W. 3., assignor to Barr and Stroud, Limited, Glasgow, Scotland. Binocular observation instrument. 2,387,858; Oct. 30.

French, John R., Greenville, S. C. Drier. 2,384,990; Sept. 18.

French, Louis O., Milwaukee, Wis. Fuel injector nozzle. 2,370,155; Feb. 27.

French, Norman R. Pleasantville, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Apparatus for intensifying speech in the human vocal cavities. 2,374,090; Apr. 17.

French Oil Mill Machinery Company, The: *See*—
Stacy, Thomas F., assignor.

French, Ralph T., Upper Darby, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Spreader stoker mechanism. 2,390,062; Dec. 4.

French, Roger: *See*—
French, George F. and R.

French, William C., Houston, Tex. Picker's cuff. 2,377,623; June 5.

Frerer, Paul G.: *See*—
Malone, H. E., and Frerer.

Frères, Sulzer, Société Anonyme: *See*—
Waeber, Erwin, assignor.

Frese, Harry J.: *See*—
Burke, W. A., and Frese, H. J. and W. O.

Frese, William O.: *See*—
Burke, W. A., and Frese, H. J. and W. O.

Fretz, Max.: *See*—
Heberlein, R., and Fretz.

Freund, Gertrude E., San Fernando, Calif. Exposure meter. 2,389,617; Nov. 27.

Freund, Herman R.: *See*—
Klingberg, E. G., Stadelmann, and Freund.

Freundenberg, Karl, and W. Lautsch, Heidelberg, Germany; vested in the Alien Property Custodian. Preparation of products from lignin by hydrogenation. 2,390,043; Dec. 4.

Freundlich, Albert, assignor to Spiral Binding Company, Inc., New York, N. Y. Manufacture of helical binders. 2,388,401; Nov. 6.

Freure, Benjamin T.: *See*—
Wickert, J. N., and Freure.

Freure, Benjamin T., Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Production of acids from pyran derivatives. 2,378,996; June 26.

Frey, Charles N.: *See*—
Freilich, J., and Frey.
Schultz, A. S., Atkin, and Frey.

Frey, Christopher J., Englewood, N. J. Master connecting plates for engine installation. 2,379,226; June 26.

Frey, Frederick E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Paraffin alkylation. 2,366,716. Jan. 9.

Frey, Frederick E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Production of diolefins. 2,371,817; Mar. 20.

Frey, Frederick E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Hydrocarbon alkylation process. 2,372,320; Mar. 27.

Frey, Frederick E., Bartlesville, Okla. assignor to Phillips Petroleum Company. Diolefin production. 2,376,425; May 22.

Frey, Frederick E., Bartlesville, Okla, assignor to Phillips Petroleum Company. Preparing diolefins. 2,376,426; May 22.

Frey, Frederick E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Polymerization of hydrocarbons. 2,377,411; June 5.

Frey, Frederick E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Production of cyclopentanone. 2,377,412; June 5.

Frey, Frederick E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Treating hydrocarbon containing organically combined fluorine. 2,377,546; June 5.

Frey, Frederick E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Treatment of lubricating oil. 2,378,762; June 19.

Frey, Frederick E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Making lubricating oil constituents. 2,378,763; June 19.

Frey, Frederick E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Purification of aliphatic conjugated diolefins. 2,380,831; July 31.

Frey, Frederick E. Bartlesville, Okla., assignor to Phillips Petroleum Company. Regeneration of catalytic material. 2,381,659; Aug. 7.

Frey, Frederick E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Recovering hydrocarbons. 2,382,471; Aug. 14.

Frey, Frederick E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Regeneration of catalysts. 2,382,472; Aug. 14.

Frey, Frederick E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Production of butadiene. 2,382,473; Aug. 14.

Frey, Frederick E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Converting hydrocarbons. 2,384,294; Sept. 4.

Frey, Frederick E., Bartlesville, Okla.. assignor to Phillips Petroleum Company. Alkylation process. 2,384,735; Sept. 11.

Frey, Frederick E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Alkylation with gaseous olefinic material. 2,384,736; Sept. 11.

Frey, Frederick E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Recovery of hydrogen fluoride. 2,388,135; Oct. 30.

Frey, Frederick E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Treatment of saturated hydrocarbon materials. 2,389,971; Nov. 27.

Frey, Frederick E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Reacting propane with olefins. 2,391,148; Dec. 18.

Frey, Frederick E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Treating hydrocarbon containing organically combined fluorine. 2,391,149; Dec. 18.

Frey, Frederick E., and J. P. Jones, Bartlesville, Okla., assignors to Phillips Petroleum Company.. Modifying aromatic hydrocarbons. 2,373,303; Apr. 10.

Frey, Frederick E., and H. J. Hepp, Bartlesville, Okla., assignors to Phillips Petroleum Company. Decomposition of diolefin monosulphones. 2,380,832; July 31.

Frey, Frederick E., and H. J. Hepp, Bartlesville, Okla., assignors to Phillips Petroleum Company. Decomposition of diolefin mono-sulphones. 2,380,833; July 31.

Freydberg Bros.-Strauss, Inc.: *See*—
Hawkins, William H., assignor.

Freygang, Walter H., Essex Fells, assignor to Specialties Development Corporation, Bloomfield, N. J. Fluid release device. 2,383,961; Sept. 4.

Freyn Engineering Company: *See*—
Fox, Gordon, assignor.
Whitcomb, Arthur J., assignor.

Freyssinet, Eugene, Neuilly-sur-Seine, France; vested in the Alien Property Custodian. Tensioning and anchoring of cables in concrete or similar structures. 2,371,882; Mar. 20.

Friberg, Carl A., Malmo, Sweden. Winning and preparing peat. 2,379,570; July 3.

Frick Company: *See*—
Buehler, Leon, Jr., assignor.

Frick, Henry E., Upper Montclair, assignor to The Metal Lumber Corporation of New Jersey, Hoboken, N. J. Covering cargo hatches and the like. 2,376,245; May 15.

Frick, Nils B., Appelviken, Sweden. Demonstration device, particularly for insurance purposes. 2,382,007; Aug. 14.

Frick, Reinhold, Heidenheim-on-the-Brens, Germany, assignor to American Voith Contact Co. Inc. Device for the generation of pressure in presses. 2,378,764; June 19.

Frickey, Royal E., San Francisco, Calif., and C. W. McKee, assignors to Welding Service, Inc., Chicago, Ill. Method and apparatus for detecting flaws in rails. 2,388,683; Nov. 13.

Friden Calculating Machine Co., Inc.: *See*—
Friden, Carl M., assignor.
Friden, Carl M. F., assignor.
Friden, C. M., and Ellerbeck, assignors.
Friden, C. M., and Machado, assignors.
Machado, Anthony B., assignor.

Friden, Carl M., Oakland, Calif., assignor to Friden Calculating Machine Co., Inc. Calculating machine. 2,371,752; Mar. 20.

Friden, Carl M., Pleasanton, and G. C. Ellerbeck, San Leandro, Calif., assignors to Friden Calculating Machine Co., Inc. Calculating machine. 2,376,997; May 29.

Friden, Carl M., Pleasanton, and A. B. Machado, Oakland, Calif., assignors to Friden Calculating Machine Co., Inc. Centralizing mechanism. 2,380,642; July 31.

Friden, Carl M., Pleasanton, and A. B. Machado, Oakland, Calif., assignors to Friden Calculating Machine Co., Inc. Keyboard release mechanism. 2,391,089; Dec. 18.

Friden, Carl M. F., Pleasanton, Calif., assignor to Friden Calculating Machine Co., Inc. Revolutions counter actuator. 2,388,209; Oct. 30.

Friderici, Wayne J., Port Clinton, Ohio, assignor to The Standard Products Company, Detroit, Mich. Shell grommet. 2,391,403; Dec. 25.

Fridlund, Yngve A., and S. R. Hedman, assignors to Konfektionsaktiebolaget Viking, Trollhattan, Sweden. Coat front structure. 2,368,460; Jan. 30.

Fried, Zoltan, New York, N. Y. Arch support. 2,366,323; Jan. 2.

Friedel, Georg, Dresden, Germany; vested in the Alien Property Custodian. Improving milk, cream, curd, and cheese. 2,385,569; Sept. 25.

Friedel, Howard H., assignor to Hooker Electrochemical Company, Niagara Falls, N. Y. Methods and apparatus for reacting gases with liquids. 2,385,200; Sept. 18.

Friedel, Jonas, Omaha, Nebr. Cleaning broom. 2,388,356; Nov. 6.

Friedheim, Ernst A. H., New York, N. Y. Substituted 1,3,5 - triazinyl - (6) - aminophenyl - arsenic compounds. 2,386,204; Oct. 9.

Friedheim, Ernst A. H., New York, N. Y. Therapeutically active aromatic diazo compounds and derivatives thereof. 2,388,260; Nov. 6.

Friedheim, Ernst A. H., New York, N. Y. Substituted 1,3,5-triazinyl-(6)-aminophenyl - arsenic compounds. 2,390,089; Dec. 4.

Friedheim, Ernst A. H., New York, N. Y. Substituted 1,3,5-triazinyl-(6)-aminophenyl - arsenic compounds. 2,390,090; Dec. 4.

Friedheim, Ernst A. H., New York, N. Y. Substituted 1,3,5-triazinyl-(6)-aminophenyl - arsenic compounds. 2,390,091; Dec. 4.

Friedheim, Ernst A. H., New York, N. Y. Substituted 1,3,5-triazinyl-(6)-aminophenyl - arsenic compounds. 2,390,092; Dec. 4.

Friedheim, Ernst A. H., New York, N. Y. Hydrazino-1,3,5-triazino derivatives of substituted phenylarsenic compounds. 2,390,529; Dec. 11.

Friedheim, Ernest A. H., New York, N. Y. 1,3,5-triazinyl-phenyl-sulphides carrying a metallic radical. 2,391,452; Dec. 25.

Friedheim, Ernst A. H., New York, N. Y., and E. Bergmann, Rehovoth, Palestine. 4' methoxy 5 halogeno diphenylamino 2' carboxyl compound and producing the same. 2,389,147; Nov. 20.

Friedland, Al, Lawrence, N. Y. Garment. 2,389,192; Nov. 20.

Friedlander, Jean, Brooklyn, N. Y. Calculating machine. 2,381,660; Aug. 7.

Friedman, Bernard S.: *See*—
Haensel, V., and Friedman, assignors.

Friedman, Bernard S., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Separation of organic compounds. 2,385,981; Oct. 2.

Friedman, Bernard S., assignor to Universal Oil Products Company, Chicago, Ill. Recovering hydrogen halide. 2,386,944; Oct. 16.

Friedman, Bernard S., and R. F. Stedman, assignors to Universal Oil Products Company, Chicago, Ill. Separation of an unsaturated hydrocarbon from a hydrocarbon mixture. 2,391,404; Dec. 25.

Friedman, Herbert, Arlington, Va. Parallel arrangement of geiger-muller counters. 2,383,477; Aug. 28.

Friedman, Herbert, Washington, D. C. Measuring X-ray diffraction patterns. 2,386,785; Oct. 16.

Friedman, Herbert, Arlington, Va., and A. L. Christenson, Washington, D. C. Radiographic exposure meter. 2,383,478; Aug. 28.

Friedman, Isidor: *See*—
Farkas, W., and Friedman.

Friedman, John H., assignor to The National Machinery Company, Tiffin, Ohio. Making bullets. 2,739,701; July 3.

Friedman, Julian: *See*—
Baker, T. W., and Friedman.

Friedman, Samuel M., Brooklyn, N. Y. Transmission mounting. 2,369,292; Feb. 13.

Friedman, Theodore, New York, N. Y. Making plastic spring. 2,375,357; May 8.

Friedrichs, Werner, Berlin C 2, Germany; vested in the Alien Property Custodian. Bipartite tube. 2,374,858; May 1.

Friedwald, Harry, New York, N. Y. Machine for coloring cigarette wrappers. 2,366,187; Jan. 2.

Friegel, William: *See*—
Kingsinger, R., Pinkham, and Friegel.

Frieman, Jacob G., Tiffin, Ohio. Undergarment. 2,381,816; Aug. 7.

Friend, Otto A., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Special service telephone system. 2,370,239; Feb. 27.

Fries Bros., Inc: *See*—
Stockelbach, Frits E., assignor.

Friesch, Charles, Pueblo, Colo. Cigarette dispenser. 2,370,398; Feb. 27.

Frisbie, Marshall H., Hamden, assignor to The A. C. Gilbert Company, New Haven, Conn. Fan impeller. 2,370,652; Mar. 6.

Frisch, Erling: *See*—
Schaelchlin, Walter.

Frisch, Hans R., Caterham-on-the-Hill, England. Production of fresh water from salt water. 2,373,884; Apr. 17.

Frisch, Irving M., et al.: *See*—
Piper, Henry S., assignor.

Frisch, Martin, assignor to Foster Wheeler Corporation, New York, N. Y. Apparatus for generating and superheating steam. 2,366,717; Jan. 9.

Frisch, Martin, assignor to Foster Wheeler Corporation, New York, N. Y. Vapor generator. 2,366,718; Jan. 9.

Frisch, Martin, assignor to Foster Wheeler Corporation, New York, N. Y. Vapor generator. 2,366,719; Jan. 9.

Frisch, Martin, assignor to Foster Wheeler Corporation, New York, N. Y. Vapor generator. 2,366,720; Jan. 9.

Frisch, Martin, assignor to Foster Wheeler Corporation, New York, N. Y. Vapor generator. 2,380,424; July 31.

Frisch, Martin, assignor to Foster Wheeler Corporation, New York, N. Y. Furnace. 2,381,896; Aug. 14.

Frische, Carl A., Leonia, N. J., and G. N. Hanson, New York, assignors, by mesne assignments, to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Aircraft automatic pilot with automatic banking. 2,380,425; July 31.

Frischer, Herman, New York, N. Y. Loosely dumped filling body. Re. 22,696; Nov. 27.

Frischer, Herman, New York, N. Y. Loosely dumped filling body. 2,376,349; May 22.

Frischmann, George J.: *See*—
Phelps, G. H., and Frischmann.

Frischmuth, Robert W.: *See*—
Colton, H. S., Knowles, and Frischmuth.

Frisk, Vladimir G., Schenectady, N. Y., assignor to General Electric Company. Smokestack for movable power plants. 2,366,511; Jan. 2.

Fritsch, Frank M. and L. B., assignors to The Eagle Woodenware Manufacturing Company, Hamilton, Ohio. Mop wringer. 2,384,907; Sept. 18.

Fritsch, Lawrence B.: *See*—
Fritsch, Frank M. and L. B.

Fritz, Dwain E., Wapakoneta, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Delayed-start connection for electric motors. 2,383,303; Aug. 21.

Fritz, James H., Montclair, assignor to National Oil Products Company, Harrison, N. J. Antifoaming agents. 2,390,212; Dec. 4.

Fritzberg, Edward L., Minneapolis, Minn., assignor to General Mills, Inc. Precipitation of proteins. 2,368,919; Feb. 6.

Fritzberg, Edward L., Minneapolis, Minn., assignor to General Mills, Inc. Stirring device. 2,390,579; Dec. 11.

Froelich, George E., assignor to Hamilton Manufacturing Company, Two Rivers, Wis. Professional cabinet. 2,369,664; Feb. 20.

Froehlich, Kurt, assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Indicator drive for reciprocating engines. 2,381,273; Aug. 7.

Fröhlich, Alfred: *See*—
Schneider, W., Fröhlich, and Neugebauer.

Fröhlich, Alfred, and W. Schneider, Dessau, Germany, assignors to General Aniline & Film Corporation, New York, N. Y. Production of color photographic images. 2,366,324; Jan. 2.

Fröhlich, Alfred, and W. Schneider, Dessau, Germany, assignors to General Aniline & Film Corporation, New York, N. Y. Production of color photographic images. 2,373,821; Apr. 17.

Fröhlich, Alfred, and W. Schneider, Dessau, Germany, assignors to General Aniline & Film Corporation, New York, N. Y. Production of color photographic images. 2,376,679; May 22.

Frojd, Albin G.: *See*—
Delahan, E. H., and Frojd.

Frolich, Per K.: *See*—
Kellogg, H. B., and Frolich.

Frolich, Per K., Westfield, N. J., assignor, by mesne assignments, to Jasco, Incorporated. Rubber compositions. 2,379,482; July 3.

Fromm, Herbert, Hamburg, Wis. Fruit juice extractor. 2,367,859; Jan. 23.

Fromm Laboratories, Inc.: *See*—
Siedentopf, Heins A., assignor.

Frommer, Joseph C., assignor to Rolling & Engraving Mills, Inc., Chicago, Ill. Electric circuits. 2,381,155; Aug. 7.

Fromuth, Karl F.: *See*—
Lowell, A. L., and Fromuth.

Fronk, William E., assignor of one-half to P. E. Carroll, Ogden, Utah. Attachment for the steam heat conduit connections of railroad cars. 2,369,888; Feb. 20.

Froom, Darrell A., Santa Maria, Calif. Method and apparatus for making blanks from cans. 2,378,136; June 12.

Frosch, Alex, Houston, Tex., assignor to Standard Oil Development Company. Well logging. 2,369,550; Feb. 13.

Frosch, Carl J., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. High molecular weight linear polyester-amides. 2,386,454; Oct. 9.

Frosch, Carl J., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Polyamides. 2,388,035; Oct. 30.

Frosch, Carl J., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Polyesters. 2,388,318; Nov. 6.

Frosst, Charles E., & Co.: *See*—
Butler, G. C., Losinski, and Odell, assignors.

Frost, Douglas V., Waukegan, Ill., assignor to Abbott Laboratories. Riboflavin solution. 2,388,261; Nov. 6.

Frost, Earl R., assignor to The National Machinery Company, Tiffin, Ohio. Method and apparatus for forging. 2,389,425; Nov. 20.

Frost, Frederick H.: *See*—
Goff, L. O., and Frost.

Frost, John G., Seattle, Wash. Horizontal rotary type oil burner. 2,370,345; Feb. 27.

Frost, Norman B., Washington, D. C. Golfer's glove. 2,379,430; July 3.

Frost Railway Supply Co., The: *See*—
Endsley, Louis E., assignor.

Frost, Robert P., Redding, Calif. Press. 2,387,839; Oct. 30.

Frost, William C.: *See*—
Hill, Charles A., assignor.

Frostick, Harold G.: *See*—
Baker, E. M., Frostick, and Whittaker.

Frostick, Harold G., Pittsburgh, and E. M. Sollie, Saxonburg, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Inductive heating coil. 2,381,274; Aug. 7.

Frostidrink Inc.: *See*—
Bowman, Wade W., assignor.

Frothingham, Donald M., Noroton, Conn., assignor to Ferrex Corporation, New York, N. Y. Apparatus for extruding hollow articles. 2,368,980; Feb. 6.

Frownfelter, Edgar L., assignor to The Brown Instrument Company, Philadelphia, Pa. Thermocouple assembly. 2,371,288; Mar. 13.

Frudden, Conrad E., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Vehicle steering truck and making same. 2,375,167; May 1.

Fruehauf Trailer Company: *See*—
Reid, Frederick M., assignor.

Fruit Packers Supply & Equipment Company: *See*—
Sandmeyer, Ernest R., assignor.

Fruit & Produce Packing, Inc.: *See*—
McCormick, James A., assignor.

Fruth, Hal F., Skokie, Ill. Bimetallic clamp. 2,377,222; May 29.

Fruth, Hal F., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Abrasive material. 2,378,399; June 19.

Fruth, Hal F., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Grinding small objects. 2,387,135; Oct. 16.

Fruth, Hal F., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Method and apparatus for edge grinding small objects. 2,387,136; Oct. 16.

Fruth, Hal F., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Finishing piezoelectric crystals. 2,387,137; Oct. 16.

Fruth, Hal F., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Grinding method and apparatus. 2,387,138; Oct. 16.

Fruth, Hal F., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Apparatus for edge grinding small objects. 2,387,139; Oct. 16.

Fruth, Hal F., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Method and apparatus for finish grinding piezoelectric crystals. 2,387,140; Oct. 16.

Fruth, Hal F., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Making piezoelectric crystal structures. 2,387,141; Oct. 16.

Fruth, Hal F., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Crystal grinding and etching. 2,387,142; Oct. 16.

Fruth, Hal F., Elmhurst, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Condenser material and making same. 2,384,541; Sept. 11.

Fruth, Hal F., Elmhurst, W. O. Haas, Jr., Wilmette, and E. G. Walters, Chicago, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Inorganic insulation for electrical conductors. 2,384,542; Sept. 11.

Fry, Arthur S. and L. L., Withrow, assignors to General Motors Corporation, Detroit, Mich. Reconditioning spark plugs. 2,375,218; May 8.

Fry, Benjamin W., University City, Mo. Vending machine. 2,377,413; June 5.

Fry, Benjamin W., assignor to National Slug Rejectors, Inc., St. Louis, Mo. Coin separator. 2,374,007; Apr. 17.

Fry, Charles A.: *See*—
Keplinger, R. B., and Fry.

Fry, Douglas J.: *See*—
Kendall, J. D., and Fry.

Fry, Douglas J., and J. D. Kendall, Ilford, assignors to Ilford Limited, Ilford, Essex, England. Cyanine dyestuffs. 2,388,963; Nov. 13.

Fry, Eugene M., Jr.: *See*—
Ludi, W. C., and Fry.

Fry, Horace P., Jr.: *See*—
McDermott, H. J., and Fry, assignors.

Fry, Mildred S., et al.: *See*—
Karow, George A., assignor.

Fry, Millard E., assignor to General Motors Corporation, Dayton, Ohio. Domestic appliance. 2,388,839; Nov. 13.

Fry, William L., assignor to Reichel-Korfmann Co., Milwaukee, Wis. Gauge board. 2,388,402; Nov. 6.

Frydman, Emanuel, Liverpool, England, assignor, by mesne assignments, to Automatic Electric Laboratories, Inc., Chicago, Ill. Electromagnetic interrupter. 2,371,986; Mar. 20.

Frye, Albert L.: *See*—
Dobson, W. M., Frye, and Griggs.

Frye, Elroy E.: *See*—
Graham, W. R., Jr., and Frye.

Frykman, Victor L.: *See*—
Norton, L. D., and Frykman.

Fryling, Charles F.: *See*—
Semon, W. L., and Fryling.

Fryling, Charles F., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Polymerization of dienes. 2,366,325; Jan. 2.

Fryling, Charles F., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Polymerization of butadiene-1,3. 2,366,326; Jan. 2.

Fryling, Charles F., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Polymerization of butadienes-1,3. 2,366,327; Jan. 2.

Fryling, Charles F., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Polymerization of conjugated dienes. 2,373,753; Apr. 17.

Fryling, Charles F., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Regulation of the polymerization of butadiene-1,3 hydrocarbons. 2,376,350; May 22.

Fryling, Charles F., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Polymerization of conjugated diene hydrocarbons. 2,380,426; July 31.

Fryling, Charles F., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Amino acids in emulsion polymerization. 2,380,591; July 31.

Fryling, Charles F., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Polmerization of conjugated dienes. 2,383,055; Aug. 21.

Fryling, Charles F., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Synthetic rubberlike materials. 2,384,543; Sept. 11.

Fryling, Charles F., assignor, by mesne assignments, to The B. F. Goodrich Company, Akron, Ohio. Copolymerization of butadiene hydrocarbons and aryl olefins. 2,366,328; Jan. 2.

Fryling, Charles F., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Coagulant for synthetic rubber latices. 2,378,693; June 19.

Fryling, Charles F., assignor, by mesne assignments, to The B. F. Goodrich Company, Akron, Ohio. Polymerisation initiator. 2,378,694; June 19.

Fryling, Charles F., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Coagulating synthetic rubber latices. 2,378,695; June 19.

Fryling, Charles F., assignor, by mesne assignments, to The B. F. Goodrich Company, Akron, Ohio. Polymerization of butadienes. 2,379,431; July 3.

Fryling, Charles F., assignor, by mesne assignments, to The B. F. Goodrich Company, Akron, Ohio. Preparing synthetic rubber. 2,384,544; Sept. 11.

Fryling, Charles F., assignor, by mesne assignments, to The B. F. Goodrich Company, Akron, Ohio. Butadiene copolymers. 2,384,545; Sept. 11.

Fryling, Charles F., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Preparation of synthetic rubber. 2,384,546; Sept. 11.

Fryling, Charles F., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Butadiene copolymers. 2,384,547; Sept. 11.

Fryling, Charles F., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Modifiers for polymerization of butadiene-1,3 hydrocarbons. 2,388,477; Nov. 6.

Fryling, Charles F., Akron, and W. L. Semon, Silver Lake, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Stabilization of butadiene-1,3 hydrocarbons. 2,373,754; Apr. 17.

Fuchs, Douglas O., Rock Island, Ill. Metallic cartridge belt link. 2,384,827; Sept. 18.

Fuchs, Julius, assignor of forty-five per cent to A. J. Baker, Cleveland, Ohio. Rotary pump. 2,372,480; Mar. 27.

Fuchs, Karl: *See*—
Christel, A. G., and Fuchs.

Fuchs, Morton: *See*—
Alford, A., and Fuchs.

Fuchs, Walter M., New York, N. Y. Water soluble alumina hydrate powder. 2,377,547; June 5.

Fuel Refining Corporation: *See*—
Otto, Carl, assignor.
Wethly, Frans, assignor.

Fuel Research Corporation: *See*—
Stillman, Albert L., assignor.

Fuel Research Development Corporation: *See*—
Chatterton, R. M., and Slade, assignors.
Susie, Alfred G., assignor.

Fuerst, Carl C., assignor to Eastman Kodak Company, Rochester, N. Y. Camera shutter. Re. 22,608; Feb. 27.

Fuerst, Carl C., assignor to Eastman Kodak Company, Rochester, N. Y. Automatic shutter. 2,382,623; Aug. 14.

Fuerst, Carl C., assignor to Eastman Kodak Company, Rochester, N. Y. Camera shutter. 2,382,624; Aug. 14.

Fuerst, Carl C., assignor to Eastman Kodak Company, Rochester, N. Y. Camera shutter. 2,384,615; Sept. 11.

Fuerstenberg, Herbert C., Indianapolis, Ind. Basket 2,374,277; Apr. 24.

Fuerstenberg, Herbert C., Indianapolis, Ind. Two-wheel cart. 2,374,278; Apr. 24.

Fugazzi, John V., New York, N. Y. Device for holding articles in suspension. 2,377,488; June 5.

Fugler, Wilbur D., Baton Rouge, La. Fish lure. 2,374,279; Apr. 24.

Fuglie, Elmer A., assignor to Winona Tool Mfg. Company, Winona, Minn. Crankshaft support and grinder. 2,390,933; Dec. 11.

Fuglie, Elmer A., assignor to Winona Tool Mfg. Company, Winona, Minn. Removing broken studs. 2,391,405; Dec. 25.

Fuglie, Elmer A., and H. J. Anderson, assignors to Winona Tool Mfg. Company, Winona, Minn. Automatic crankshaft grinding and polishing machine. 2,391,406; Dec. 25.

Fuld, Paul A., Glen Burnie, Md. Trundle toy. 2,387,507; Oct. 23.

Fulflo Specialties Company, Inc., The: *See*—
Clifton, Robert E., assignor.

Fulkerson, Charles C., Lake City, Iowa, assignor of one-third to B. L. Willis, Menlo Park, Calif. Vacuum caponizing instrument. 2,378,137; June 12.

Fuliemann, Johann, Washington, D. C. Blower impeller. 2,386,251; Jan. 2.

Fuller, Albert B., deceased, by A. W. Kelso, executrix, assignor to Eastman Kodak Company, Rochester, N. Y. Camera shutter. 2,378,207; June 12.

Fuller, Alfred H.: *See*—
Cave, H., Fuller, and Le Febvre.

Fuller, Alfred J., assignor to Potter & Johnston Machine Company, Pawtucket, R. I. Timing box mechanism for machine tools. 2,377,337; June 5.

Fuller, Boine W.: *See*—
Tucker, Jesse D., assignor.

Fuller Brush Company, The: *See*
Cave, H., Fuller, and Le Febvre, assignors.
Hornbrook, Philip R., assignor.
Rowland, Clarence G., assignor.

Fuller, Calvin S., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Cross-linked polyesters and electrical conductors containing them. 2,388,319; Nov. 6.

Fuller, Charles E., Dothan, Ala. Adjustable hinge. 2,373,955; Apr. 17.

Fuller, Charles M., Jr., assignor to Super Mold Corporation, Lodi, Calif. Feed mechanism for endless belt conveyers. 2,368,352; Jan. 30.

Fuller Company: *See*—
Gaffney, Joseph B., assignor.

Fuller Displays, Inc.: *See*—
Borregard, Ernst, assignor.

Fuller, Donald L.: *See*—
Crawford, C. C., Fuller, and Greensfelder.

Fuller, Donald L., and Bernard S. Greensfelder, Oakland, assignors to Shell Development Company, San Francisco, Calif. Production of cyclohexane from petroleum. 2,373,673; Apr. 17.

Fuller, Donald L., and B. S. Greensfelder, Oakland, assignors to Shell Development Company, San Francisco, Calif. Production of synthetic benzene. 2,378,208; June 12.

Fuller, Donald L., and B. S. Greensfelder, Oakland, assignors to Shell Development Company, San Francisco, Calif. Production of aromatic hydrocarbons. 2,378,209; June 12.

Fuller, Donald L., and B. S. Greensfelder, Oakland, assignors to Shell Development Company, San Francisco, Calif. Synthesis of toluene and xylenes. 2,378,210; June 12.

Fuller, Emil E.: *See*—
Amrhein, H. L., and Fuller.

Fuller, Everett W.: *See*—
Angel, H. S., Fuller, and Berger.
Berger, H. G., Noland, and Fuller.
Redman, H. E., and Fuller.
Williams, R. H., and Fuller.

Fuller, Frederic B.: *See*—
Guibert, F. W., and Fuller.

Fuller, Gerald S., Schenectady, N. Y. Polishing wheel construction. 2,379,141; June 26.

Fuller, Hardick F., Portland, Oreg. Holder for electrodes and welding rods. 2,390,997; Dec. 18.

Fuller, John L., Cleveland, Ohio, assignor to The Reliance Electric & Engineering Company. Tapped stator winding. 2,377,930; June 12.

Fuller, John M., Beverly Farms, Mass., assignor to Vulcan Corporation, Portsmouth, Ohio. Cutter and device for forming curved slots under lips of continental type heels. 2,377,931; June 12.

Fuller, Joseph C., Newton, Mass. Making turnecocks. 2,387,013; Oct. 16.

Fuller, Katherine, Covington, Ky. Golf ball teeing device. 2,370,629; Feb. 27.

Fuller Label & Box Company: *See*—
Hardesty, Eugene, assignor.
Monks, Frank E., assignor.

Fuller, Ralph L., et al.: *See*—
Stow, Clarence E., assignor.

Fuller, Warren D., West Hartford, Conn., assignor to Seiss Corporation of America. Gas burner. 2,384,022; Sept. 4.

Fullerton, Benjamin F., Amarillo, Tex. Heating device. 2,379,348; June 26.

Fullerton, George A., Clarendon, Pa. Figure toy. 2,373,556; Apr. 10.

Fullerton, Lee W., Portland, Oreg. Welding holder for metal pipes and bars and the like. 2,381,584; Aug. 7.

Fullman, James M. G., Sewickley, Pa., assignor to National Electric Products Corporation. Stuffing box. 2,371,753; Mar. 20.

Fulmer, Charles A., Fort Thomas, Ky. Ring lapping machine. 2,378,696; June 19.

Fulmer, Ellis I., L. A. Underkofler, and R. J. Hickey, assignors to Iowa State College Research Foundation, Ames, Iowa. Glycerol production. 2,388,840; Nov. 13.

Fulper, John H., assignor to Kewanee Machinery & Conveyor Co., Kewanee, Ill. Conveyer. 2,368,353; Jan. 30.

Fulton Bag and Cotton Mills: *See*—
Carter, Jack W., assignor.

Fulton, Claude C., St. Louis, Mo. Attachable power-driven supporting frame for mowers and other garden implements. 2,374,533; Apr. 24.

Fulton Company, The: *See*—
Zimmerman, Herbert L., assignor.

Fulton Electric Mfg. Co.: *See*—
Nunes, John S.

Fulton, Katherine C., et al.: *See*—
Kopf, Robert Y., assignor.

Fulton, Stewart C., Elizabeth, and T. Cross, Jr., Union, N. J., assignors to Standard Oil Development Company. Hydrocarbon treatment. 2,380,228; July 10.

Fulton, Stewart C., and K. K. Kearby, Elizabeth, N. J., assignors to Standard Oil Development Company. Catalytic dehydrogenation. 2,383,643; Aug. 28.

Fulton, Weston M., assignor to W. J. Savage Company, Inc., Knoxville, Tenn. Automatic stoker. 2,377,574; June 12.

Fulton, Weston M., assignor to W. J. Savage Company, Inc., Knoxville, Tenn. Automatic stoker. 2,385,782; Oct. 2.

Fulton, William J., Los Angeles, Calif. Lime flux and manufacture. 2,376,998; May 29.

Funaroff, Urie, Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric tube. 2,367,570; Jan. 16.

Funk, Charles E., Jr., Coe Cob, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparing alpha-naphthylmethyl chloride. 2,387,702; Oct. 23.

Funk, Donald S., Oak Park, Ill. Window ventilator. 2,388,734; Nov. 13.

Funk, Peter G., Ridgewood, N. Y. Valve. 2,374,989; May 1.

Funk, Rudolph, Hagerstown, Md. Detachable port cover. 2,391,407; Dec. 25.

Funk, Truman B., assignor to Yard-Man, Inc., Jackson, Mich. Brake mechanism. 2,389,972; Nov. 27.

Funke, Juliann W.: *See*—
Fox, Frank, assignor.

Funkey, Lyman H., Marinette, Wis. Fish cleaning machine. 2,370,947; Mar. 6.

Furman, Frank J.: *See*—
Mills, A. W., Furman, and Rabenda.

Furnas Electric Company: *See*—
Furnas, W. C., Schumacher, and Kercher, assignors.
Furnas, W. C., and Spotts.

Furnas, Vincent E.: *See*—
Babcock, G. M., Rethwisch, and Furnas.

Furnas, William C., and D. G. Spotts, Batavia, Ill.; said Spotts assignor of his right to W. C. Furnas, doing business as Furnas Electric Company, West Allis, Wis. Switch assemblage. 2,388,783; Nov. 13.

Furnas, William C., Batavia, E. B. Schumacher, Aurora, and R. S. Kercher, Naperville, assignors to Furnas Electric Company, Batavia, Ill. Switch assemblage. 2,388,784; Nov. 13.

Furness, William H., Haddonfield, assignor to American Rayon Company, Inc., Riverton, N. J. Cyclic system for the manufacture of cuproammonium rayon and for the recovery of chemicals. 2,370,156; Feb. 27.

Furness, William H., Haddonfield, assignor to American Rayon Company, Inc., Riverton, N. J. Recovery and reuse of copper sulphate from wash liquors. 2,370,157; Feb. 27.

Furness, William H., Haddonfield, N. J., assignor to American Rayon Company, Inc., Riverton, N. J. Apparatus for and method of manufacture of cuproammonium rayon. 2,378,211; June 12.

Furness, William H., Haddonfield, assignor to American Rayon Company, Inc., Collingswood, N. J. Reeling device. 2,387,262; Oct. 23.

Furry, John F., assignor to Outboard, Marine & Manufacturing Company, Galesburg, Ill. Coil assembly. 2,386,889; Oct. 16.

Fürst, Stefan: *See*—
Reiners, Wilhelm and W., Kahlisch, and Fürst.

Furter, Max F., Upper Montclair, assignor to Hoffmann-La Roche, Inc., Nutley, N. J. Manufacture of improved hulled rice. 2,381,342; Aug. 7.

Further, Max F., Upper Montclair, assignor to Hoffmann-La Roche, Inc., Nutley, N. J. Manufacture of improved hulled rice. 2,381,343; Aug. 7.

Furtwangler, Carl A., Parma, Mich. Metal band saw. 2,369,451; Feb. 13.

Fuss, George R., Philadelphia, Pa. Portable electric lighting device. 2,373,390; Apr. 10.

Fuston, Howard L., Oak Park, Ill. Ignition breaker. 2,384,828; Sept. 18.

Fuzak, Clarence S.: *See*—
Rosenlund, V. E., and Fuzak.

Fykesen, Johnny W., Rawlins, Wyo. Fuel supplying apparatus. 2,380,961; Aug. 7.

Fyr-Fyter Company, The: *See*—
Iddings, R. C., Bork, and Williams, assignors.
Wright, John W., assignor.

G & A Laboratories, Inc.: *See*—
Hasselstrom, Torsten, assignor.
Hasselstrom, T., and (Hampton, assignor).

G. B. (Nottingham) Limited: *See*—
Ballamy, L. M., and Sheepshanks, assignors.

G-H Specialty Company: *See*—
Meyer, J. J., and Jones, assignors.

G. M. S. Corporation: *See*—
Sloan, Theodore H., assignor.

G. W. B. Electric Furnaces Limited: *See*—
McDonald, James, assignor.

G & W Electric Specialty Company: *See*—
Nicholas, James H., assignor.

Gabeler, William H., assignor to The Davison Chemical Corporation, Baltimore, Md. Apparatus and method for washing gels. 2,389,973; Nov. 27.

Gable, Louis H., Seneca, Ill. Band iron brake. 2,382,306; Aug. 14.

Gabler, Raymond J.: *See*—
Damme, W. O., and Gabler.

Gabriel Company, The: *See*—
Beecher, Eugene L., assignor.

Gabrielson, Samuel, South Lynnfield, Mass., assignor to General Electric Company. Gyro caging device. 2,366,721; Jan. 9.

Gadbois, Georges, Sweetsburg, Quebec, Canada. Volume expander. 2,375,295; May 8.

Gadow, Bernhard A., Rehoboth Beach, Del. Tensional shingle fastener. 2,374,740; May 1.

Gadwa, Truman A., Mount Vernon, assignor to The Lummus Company, New York, N. Y. Styrene fractionation. 2,370,948; Mar. 6.

Gaebel, Arthur H., Larchmont, N. Y. Photographic apparatus. 2,366,722; Jan. 9.

Gaenssle, Paul W.: *See*—
Eksergian, C. L., and Gaenssle.

Gaenssle, Paul W., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia Pa. Brake mechanism. 2,374,859; May 1.

Gaenssle, Paul W., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Brake support. 2,377,140; May 29.

Gaenssle, Paul W., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Brake arrangement. 2,383,376; Aug. 21.

Gaenssle, Paul W., and E. G. Stacy, Detroit, Mich., assignors to Budd Wheel Company, Philadelphia, Pa. Brake mechanism. 2,382,870; Aug. 14.

Gaenzle, Luther E.: *See*—
Menger, F. B., and Gaenssle.

Gaenzle, Luther E., assignor to Armstrong Cork Company, Lancaster, Pa. Apparatus for finishing the surface of cylindrical bodies. 2,367,641; Jan. 16.

Gaertner, Moritz, New York, N. Y. Moving screen for oil burners. 2,372,194; Mar. 27.

Gaertner Scientific Corporation, The: *See*—
Jacobsohn, Samuel J., assignor.

Gaffney, Joseph B., Hokendauqua, assignor to Fuller Company, Catasauqua, Pa. Material cooler. 2,371,513; Mar. 13.

Gagas, Stanley, Doylestown, Pa. Helicopter. 2,372,481; Mar. 27.

Gage, Edward G., Brooklyn, assignor of two-thirds to L. Ottinger, New York, N. Y. High potential apparatus rendered safe for handling. 2,375,097; May 1.

Gage, Edwin B., Montclair, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for forming identification badges. 2,380,746; July 31.

Gage, Frederick W., Akron, and P. J. Gegner, Barberton, Ohio, assignors to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Pigment preparation. 2,374,741; May 1.

Gage Printing Company, Limited: *See*—
Gage, W. H., and Kolb, assignors.

Gage, Walter H., and N. C. Kolb, assignors to Gage Printing Company, Limited, Battle Creek, Mich. Making templates. 2,369,960; Feb. 20.

Gage, William P., Oakland, Calif., assignor to Shell Development Company, San Francisco, Calif. Solvent recovery in vapor phase extraction processes. 2,370,530; Feb. 27.

Gagnebin, Albert P., Red Bank, N. J., assignor to The International Nickel Company, Inc., New York, N. Y. Work hardening alloy steel. 2,386,890; Oct. 16.

Gagnier, George E.: *See*—
Place, Blon C., assignor.

Gagnon, Thomas J., East Hartford, and A. S. Alcorn, Granby, assignors to Hartford-Empire Company, Hartford, Conn. Apparatus for conveying and arranging bottles, jars, cans, or the like. 2,389,496; Nov. 20.

Gaide, Frank A., South Boston, Mass. Safety razor. 2,367,571; Jan. 16.

Gail, Charles P., Monrovia, and J. B. Kendall, Los Angeles, Calif. Hydraulic hoist. 2,390,702; Dec. 11.

Gainer, Leonard E., Lebanon, Oreg. Winding reel. 2,378,997; June 26.

Gaines, Earl F., and W. C. Lippert, Milwaukee, Wis. Window construction. 2,376,546; May 8.

Gaines, Oliver L.: *See*—
Hale, F. B., and Gaines.

Gair, Ernest J., Snyder, N. Y. Nonsplitting nail. 2,386,992; Jan. 9.

Gaird, Peter: *See*—
Nielsen, Adolph, assignor.

Gaisberger, Joseph, Valparaiso, Chile. Combined steam and gas or Diesel power plant. 2,370,949; Mar. 6.

Gaither, Gant, Hopkinsville, Ky. Purification of ammonium sulphate. 2,376,045; May 15.

Galamb, Joseph, Detroit, assignor to Ford Motor Company, Dearborn, Mich. Motor-vehicle top construction. 2,368,133; Jan. 30.

Galamb, Joseph, Detroit, and A. O. Roberts and H. A. Chubbuck, assignors to Ford Motor Company, Dearborn, Mich. Range finder. 2,383,185; Aug. 21.

Galamb, Joseph, Detroit, and T. L. Hibbard, Birmingham, assignors to Ford Motor Company, Dearborn, Mich. Vehicle heater. 2,391,408; Dec. 25.

Gale, Edward H., Chicago, Ill. Making dentures. 2,367,767; Jan. 23.

Gale, Leonard, Washington, D. C., assignor to F. Klein, New York, N. Y. Automatic golf ball teeing device. 2,390,998; Dec. 18.

Gale, Richard D.: *See*—
Deessaur, Murray, assignor.

Galeski, Joseph S., Richmond, Va. Plastic eye. 2,391,305; Dec. 18.

Galion Iron Works & Manufacturing Company, The: *See*—
Patterson, Cecil E., assignor.

Gallagher, Ellen, administratrix: *See*—
Brennan, Patrick J.

Gallagher, Hugh J., Gallitzin, Pa., assignor to Matilda McMullen, Buffalo, N. Y. Nut lock. 2,384,908; Sept. 18.

Gallagher, William P., assignor to International Register Company, Chicago, Ill. Timing apparatus. 2,367,016; Jan. 9.

Gallaher, Andrew J., St. Louis, Mo. Sectional boiler. 2,386,945; Oct. 16.

Gallant, Walter B., Jr., assignor to Newmarket Manufacturing Company, Lowell, Mass. Center filling fork loom attachment. 2,377,223; May 29.

Gallasch, George B., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Optical instrument. 2,389,252; Nov. 20.

Gallay, Robert, Geneva, Switzerland. Dental hand piece. 2,367,719; Jan. 23.

Galley, Charles E., Chicago, Ill., assignor to Luxene Inc. Checking device. 2,386,103; Oct. 2.

Galley, Charles E., Chicago, Ill., assignor to Luxene Inc. Jig. 2,386,104; Oct. 2.

Galley, Hollis T., assignor to Eastman Kodak Company, Rochester, N. Y. Baryta coating of melt-coated paper. 2,366,723; Jan. 9.

Gallimore, Keith F., and G. H. Schurger, assignors to Giddings & Lewis Machine Tool Co., Fond du Lac, Wis. Machine tool. 2,375,408; May 8.

Gallmeyer & Livingston Company: *See*—
Bunker, V. W., De Young, and Kropf, assignors.
De Young, Martin, assignor.

Gallo, Gino, Pisa, Italy; vested in the Alien Property Custodian. Dehydration and calcination of potash alum. 2,369,037; Feb. 6.

Gallo, Michael, Baltimore, Md. Electrode holder. 2,379,515; July 3.

Gallo, Sebastiano, Brooklyn, N. Y. Making shoes. Re. 22,667; Aug. 21.

Gallo, Thomas, Arlington, Va. Diluter for motor crankcase lubricants. 2,370,653; Mar. 6.

Gallo, Thomas, Arlington, Va. Diluter for motor crankcase lubricant. 2,374,189; Apr. 24.

Gallois, John E.: *See*—
Hicks, William H., assignor.

Gallusser, Hans, Geneva, Switzerland. Electrically heated drum-type furnace. 2,374,742; May 1.

Gallusser, Hans, Geneva, Switzerland. Control device for compressed air brakes. 2,376,680; May 22.

Galorneau, Louis C., Detroit, Mich. Vise. 2,371,435; Mar. 13.

Galstaun, Lionel S., Concord, assignor to Tide Water Associated Oil Company, San Francisco, Calif. Lubricant. 2,384,023; Sept. 4.

Galvin Manufacturing Corporation: *See*—
Becwar, Rudolph A., assignor.
Fruth, Hal F., assignor.
Holthouse, Harry B., assignor.

Gamache, Homer, assignor to Acme Metal Goods Manufacturing Co., Newark, N. J. Dough cutter and crimper. 2,369,452; Feb. 13.

Gamache, Homer, assignor to Acme Metal Goods Manufacturing Co., Newark, N. J. Cutter and crimper for ravioli and pastries. 2,373,182; Apr. 10.

Gambill, William M., Abilene, Tex. Fish lure. 2,386,105; Oct. 2.

Gamble, Hugh A.: *See*—
Berry, Charles R., assignor.

Gambo, Ernest, Staten Island, N. Y. Insulation clip. 2,382,474; Aug. 14.

Gambrell, Ernest C., Wichita Falls, Tex. Fuel injection pump. 2,381,585; Aug. 7.

Gamet, Pierre P., Paris, France; vested in the Alien Property Custodian. Band antenna. 2,369,556; Feb. 13.

Gamet, Pierre P., Paris, France; vested in the Alien Property Custodian. Coupling system for loading devices such as aerials. 2,375,547; May 8.

Gamet, Pierre P., Paris, France; vested in the Alien Property Custodian. Directional aerial. 2,380,229; July 10.

Gammel, John A., assignor to Isaacson Iron Works, Seattle, Wash. Tongs. 2,381,045; Aug. 7.

Gammeter, John R. Akron, Ohio. Thin article removing apparatus. 2,371,818; Mar. 20.

Gammeter, John R., and M. J. Vassel, Akron, Ohio; said Vassel assignor to said Gammeter. Dipped synthetic rubber article and making. 2,371,883; Mar. 20.

Gandy, William L., assignor of one-half to W. A. Greene, Remerton, Ga. Spinning toy. 2,375,986; May 15.

Gangloff, Wilmer C., assignor to The Drackett Company, Cincinnati, Ohio. Detergent composition. 2,386,106; Oct. 2.

Gangloff, Wilmer C., and S. O. Fiedler, assignors to The Drackett Company, Cincinnati, Ohio. Heat-producing compositions. 2,371,436; Mar. 13.

Ganiayre, André, and R. Hardy, Lyon, France; vested in the Alien Property Custodian. Electromagnetic wave direction indicator. 2,388,262; Nov. 6.

Ganley, Joseph H., St. Paul, Minn. Road roller. 2,382,986; Aug. 21.

Gans, Fred W., Trenton, N. J. Pipe. 2,378,400; June 19.

Ganson, Howard H., assignor to Hygeia Nursing Bottle Company, Inc., Buffalo, N. Y. Nursing unit. 2,387,573; Oct. 23.

Gant, Leslie, Denver, Colo. Fan. 2,385,070; Sept. 18.

Ganter, Francis X., Los Angeles, Calif. Window drape rod hanging means. 2,391,150; Dec. 18.

Gantner, Frederick: *See*—
Spurlino, P., Colley, Lehman, and Gantner.

Gants, Marvin E.: *See*—
Wood, R. T., and Gants.

Gants, Marvin E., Lakewood, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Mold chill. 2,381,734; Aug. 7.

Gants, Marvin E., Lakewood, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Mold chill. 2,381,735; Aug. 7.

Gar Wood Industries, Inc.: *See*—
Barrett, Edward R., assignor.
Shaeffer, George D., assignor.

Garabedian, Haig S., Watertown, Mass. Spray nozzle. 2,380,513; July 31.

Garancher, Marcel, assignor to Stewart-Warner Corporation, Chicago, Ill. Hose reel. 2,368,293; Jan. 30.

Garancher, Marcel and C. F. Baisch, assignors to Stewart-Warner Corporation, Chicago, Ill. Lubricant compressor. 2,378,998; June 26.

Garand, John C., Springfield, Mass., assignor to Government of the United States of America, as represented by The Secretary of War. Follower mechanism. 2,366,684; Jan. 2.

Garand, John C., Springfield, Mass. Shaving machine. 2,367,208; Jan. 16.

Garand, John C., Springfield, Mass. Gas regulator for firearms. 2,369,669; Feb. 20.

Garand, John C., Springfield, Mass. Rear sight for firearms. 2,370,654; Mar. 6.

Garand, John C., Springfield, Mass., assignor to the Government of the United States, represented by the Secretary of War and his successors. Firearm. 2,377,338; June 5.

Garand, John C., Springfield, Mass. Trigger mechanism. 2,382,410; Aug. 14.

Garand, John C., Springfield, Mass. Firearm. 2,386,205; Oct. 9.

Garber, Paul E., U. S. Navy. Target kite. 2,388,478; Nov. 6.

Garber, Ray S., Montreal, Quebec, Canada, assignor to United States Rubber Company, New York, N. Y. Track for track-laying vehicles. 2,387,387; Oct. 23.

Garbeth, George, Stockton, Calif. Rotary internal-combustion engine. 2,373,304; Apr. 10.

Garbisch, Norbert S.: *See*—
Bair, George J., assignor.

Garbutt, Frank A.: *See*—
Hatherell, George A., assignor.

Gardell, Andrew, Ellensburg, Wash. Animal poke. 2,383,718; Aug. 28.

Gardes, Alfred W., Detroit, Mich., assignor to McCord Corporation. Conduit connector for fluid pressure control. 2,372,820; Apr. 3.

Gardiner, Arthur W., Indianapolis, Ind., assignor to General Motors Corporation, Detroit, Mich. Thrust meter. 2,367,017; Jan. 9.

Gardiner, Linzie A., Lexington, Ky. Machine tool attachment. 2,388,320; Nov. 6.

Gardiner, Robert E., University City, assignor to Majestic Manufacturing Company, St. Louis, Mo. Base construction. 2,386,306; Oct. 9.

Gardner, Arthur W., Macon, Ga., assignor to Motor Wheel Corporation, Lansing, Mich. Fuel control. 2,385,409; Sept. 25.

Gardner, Charles E., Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Packaging. 2,382,987; Aug. 21.

Gardner, Dale, Detroit, Mich., assignor to G. M. and E. Holley. Centrifugal governor. 2,368,822; Feb. 6.

Gardner, Daniel, New York, N. Y., assignor to Gardner Thermal Corporation. Oxidising olefines to olefine oxides. 2,366,724; Jan. 9.

Gardner, Daniel, New York, N. Y., assignor to Gardner Thermal Corporation. Oxidising olefines. 2,366,725; Jan. 9.

Gardner, Daniel, New York, N. Y., assignor to Gardner Thermal Corporation. Treatment of olefines. 2,367,169; Jan. 9.

Gardner, Daniel, New York, N. Y. Treatment of certain sodium-sulphur compounds to produce certain soluble non-sulphur compounds of sodium. 2,383,247; Aug. 21.

Gardner, Earl W., and W. F. Nickum, Salt Lake City, Utah, assignors to Remington Arms Company, Inc., Bridgeport, Conn. Ammunition machinery. 2,387,654; Oct. 23.

Gardner, Frank H., Chattanooga, Tenn., assignor to Hercules Powder Company, Wilmington, Del. Preservative composition and preparing same. 2,371,884; Mar. 20.

Gardner, Herbert F., Chicago, Ill., assignor, by mesne assignments to Stein, Hall & Co., Inc. Amylaceous reaction products and the production thereof. 2,374,676; May 1.

Gardner, Irvine C., Chevy Chase, Md. Optical instrument and making same. 2,378,401; June 19.

Gardner, Irving, Brooklyn, N. Y. Paper hat. 2,390,064; Dec. 4.

Gardner, John A., Llangollen, Wales, assignor to Monsanto Chemicals Limited, London, England. Production of organic disulphides. 2,385,410; Sept. 25.

Gardner, Leland A., Maplewood, and K. W. Richards, Packanack Lew, N. J., assignors of one-half to Bell Telephone Laboratories, Incorporated, and one-half to American Telephone and Telegraph Company. Party line printing telegraph system. 2,373,676; Apr. 17.

Gardner, Leland A., Maplewood, and K. W. Richards, Packanack Lake, N. J.; said Gardner assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., and said Richards assignor to American Telephone and Telegraph Company. Party-line printing telegraph system. 2,388,136; Oct. 30.

Gardner, Morris G., Orange, N. J., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Flake aluminum finishes for lining food containers. 2,366,850; Jan. 9.

Gardner, Percy, Glen Ridge, N. J., and R. Kagan, Brooklyn, assignors of Lever Bias Machine Corporation, New York, N. Y. Sewing apparatus. 2,381,817; Aug. 7.

Gardner-Richardson Company, The: *See*—
Fischer, Howard J., assignor.
Fisher, H. C., and Thompson, assignors.
Ringler, William A., assignor.

Gardner Thermal Corporation: *See*—
Gardner, Daniel, assignor.

Gardner, Wallace W., assignor to De Walt Products Corporation, Lancaster, Pa. Protractor means for cutting or sawing machines. 2,366,512; Jan. 2.

Gardner, William H.: *See*—
Bassford, H. H., Jr., and Gardner.

Gardner, William H., Bayside, and H. H. Bassford, Jr., Brooklyn, N. Y. Light colored flexible lac compositions. 2,371,235; Mar. 13.

Gardner, William H., Bayside, and H. H. Bassford, Jr., Brooklyn, assignors to U. S. Shellac Importers Association, Inc., New York, N. Y. Shellac-polyglycol reaction products and making same. 2,387,388; Oct. 23.

Gargiulo, Giuseppe, assignor to Super Vent Window Company, Miami, Fla. Window structure. 2,383,912; Aug. 28.

Garin, Alexis N., Pittsfield, Mass., assignor to General Electric Company. Electric transformer. 2,369,038; Feb. 6.

Garin, Alexis N., Pittsfield, Mass., assignor to General Electric Company. Electric induction apparatus. 2,374,597; Apr. 24.

Garity, Edward J.: *See*—
Love, Aubrey, assignor.

Garlinghouse, Lexie H., Los Angeles, Calif. Splicing rig. 2,384,992; Sept. 18.

Garlits, Edward E., Jr., Yardley, Pa. Sorting device. 2,385,700; Sept. 25.

Garner, Bess A., et al.: *See*—
Russell, K. F., and Hopkins, assignors.

Garner, Herman H., et al.: *See*—
Russell, K. F., and Hopkins, assignors.

Garner, Walter, Menston in Wharfedale, assignor to Lister and Company, Limited, Bradford, England. Thermal insulation material made from fibrous substances. 2,381,214; Aug. 7.

Garnett, A. J., Limited: *See*—
Langford, E. E., and Garnett, assignors.

Garnett, Arthur T.: *See*—
Langford, E. E., and Garnett.

Garnett, Edward V. and V. G., Denver, Colo. Mounting for dual wheels. 2,388,403; Nov. 6.

Garnett, Vactor G.: *See*—
Garnett, Edward V. and V. G.

Garr, Donald E.: *See*—
Weaver, B. S., and Garr.

Garr, Donald E., Schenectady, N. Y., assignor to General Electric Company. Voltage regulator. 2,378,765; June 19.

Garr, Donald E., Schenectady, N. Y., assignor to General Electric Company. Dynamometer test system. 2,378,766; June 19.

Garraway, George C., Rutherford, N. J. Photographic developing machine. Re. 22,654; July 3.

Garraway, George C., Rutherford, N. J. Photographic printing machine. 2,380,962; Aug. 7.

Garraway, George C., Rutherford, N. J. Photographic printing machine. 2,382,988; Aug. 21.

Garretson, Owen L., Bartlesville, Okla., assignor to Phillips Petroleum Company. Method of and system for dispensing liquefied fuel. 2,378,077; June 12.

Garretson, Owen L., Detroit, Mich., assignor to Phillips Petroleum Company. Gas proportioning system. 2,379,633; July 3.

Garretson, Owen L., Detroit, Mich., assignor to Phillips Petroleum Company. Manifold injection carburetor. 2,382,625; Aug. 14.

Garrett Corporation, Airesearch Manufacturing Company division, The: *See*—
Andersen, Soren K., assignor.
Andersen, S. K., and Vanous, assignors.
Burns, Bruce, assignor.
Chapman, James E., assignor.
Gill, George H., assignor.

Garrett, Ernest D., assignor to The Brewster Company, Inc., Shreveport, La. Combination tubing head and tubing support. 2,383,248; Aug. 21.

Garrett, Francis A., Pilton, England. Dynamometer. 2,372,420; Mar. 27.

Garriga, José M., assignor to Corporacion Peruna del Amazonas, Lima, Peru. Filtering medium. 2,387,726; Oct. 30.

Garrison, Allen D., Houston, Tex., assignor, by mesne assignments, to The Texas Company, New York, N. Y. Preparation of drilling muds. 2,368,823; Feb. 6.

Garrison, Allen D., Houston, Tex., assignor to Texaco Development Corporation, New York, N. Y. Recovery of hydrocarbons from high-pressure fluids. 2,374,091; Apr. 17.

Garrison, Allen D., Houston, Tex., assignor to Texaco Development Corporation, New York, N. Y. Treatment of clays. 2,375,641; May 8.

Garrison, Allen D., Houston, Tex., assignor to Texaco Development Corporation, New York, N. Y. Treatment of wells. 2,379,516; July 3.

Garrison, Allen D., Houston, and W. D. Yale, Port Arthur, Tex., assignors to Texaco Development Corporation, New York, N. Y. Recovery of hydrocarbons from high-pressure fluids. 2,388,048; Oct. 30.

Garrison, Cass R., Longview, Wash. Permanent wave accessory. 2,374,860; May 1.

Garrison, Charles L., assignor to Pacific Electric Manufacturing Corporation, San Francisco, Calif. Disconnecting switch. 2,368,462; Jan. 30.

Garrison, John W., Cleveland, Ohio, assignor to General Electric Company. Enamel composition. 2,379,075; June 26.

Garrison, Murray E.: *See*—
Sanderson, D., Pfaff, and Garrison.

Garrison, Murray E., Dayton, Ohio. Airplane wing deicing means. 2,390,093; Dec. 4.

Garrott, John H., Bloomfield, N. J., assignor to The Clark Thead Company, New York, N. Y. Tapered end strand mass. 2,380,038; July 10.

Garrott, John H., Bloomfield, assignor to The Clark Thread Company, Newark, N. J. Yardage control mechanism. 2,390,703; Dec. 11.

Garstang, William W., assignor to Electronic Laboratories, Incorporated, Indianapolis, Ind. Voltage changing circuit. 2,384,829; Sept. 18.

Garstang, William W., assignor to Electronic Laboratories, Incorporated, Indianapolis, Ind. Voltage modifying circuit. 2,384,830; Sept. 18.

Garstang, William W., assignor to Electronic Laboratories, Incorporated, Indianapolis, Ind. Voltage multiplier. 2,384,831; Sept. 18.

Garthwaite, Ernest, Saint Albans, England, assignor to Radio Corporation of America. Tuning device for radio circuits. 2,385,131; Sept. 18.

Garvey, Benjamin S., Jr., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Polymerization of conjugated dienes. 2,375,987; May 15.

Garvey, Benjamin S., Jr., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Polymerization of organic compounds containing a $CH_2{=}C<$ Group. 2,376,963; May 29.

Garvin, Jack C.: *See*—
Mason, J. G., Craig, and Garvin.

Gary, George M., San Diego, Calif. Automobile control. 2,385,982; Oct. 2.

Gary, Wright W., Los Angeles, and R. B. Secor, South Gate, assignors to Filtrol Corporation, Los Angeles, Calif. Drying pelleted catalysts. 2,388,735; Nov. 13.

Gas Light and Coke Company, The: *See*—
Silver, L., and Maccormac, assignors.

Gas Machinery Company, The: *See*—
Stookey, Kenneth W., assignor.

Gasche, Fred, assignor to Struthers Wells Corporation, Titusville, Pa. Steering mechanism. 2,378,474; June 19.

Gaskell, Clifford R., and M. C. Green, Dayton, Ohio. Nonferrous propeller blade retention. 2,368,656; Feb. 6.

Gaskell, Perry C.: *See*—
Swanson, E. C., Gaskell, and Smothermon.

Gaskin, Harold A., London, England. Reversible lifeboat or raft. 2,367,112; Jan. 9.

Gáspár, Béla, Hollywood, Calif., assignor to Chromogen, Incorporated. Photographic printing method. 2,367,936; Jan. 23.

Gáspár, Béla, Hollywood, Calif., assignor to Chromogen, Incorporated. Photographic material and treating same. 2,368,463; Jan. 30.

Gaspar, Béla, Brussels-Forest, Belgium, assignor to Chromogen, Incorporated. Material for the production of partial color selection pictures from subtractive multicolor images. 2,387,754; Oct. 30.

Gasser, Emil R.: *See*—
Kuhns, A., and Gasser.
Obecny, John T., assignor.

Gast, Harry, Los Angeles, and F. W. Freeman, Inglewood, Calif. Cementitiously casing submerged piling. 2,373,885; Apr. 17.

Gaston, John R., East Orange, N. J., assignor to American Transformer Company. Fabricating transformers. 2,380,300; July 10.

Gaston, Louis J., Jr., and J. W. Pick, assignors to The American Rolling Mill Company, Middletown, Ohio. Plate handling device. 2,382,626; Aug. 14.

Gastro-Photor Laboratories Corp.: *See*—
Back, Franz G., assignor.

Gastrow, Hans, Zerbst in Anhalt, Germany; vested in the Alien Property Custodian. Mechanical closing device for injection molding machines. 2,370,622; Mar. 6.

Gat, John D., Edgewood, Pa., assignor to Carnegie-Illinois Steel Corporation. Production of electrical silicon steel. 2,389,497; Nov. 20.

Gates, Frederic P., Toronto, Ontario, Canada, assignor to The Arrow-Hart & Hegeman Electric Company, Hartford, Conn. Rotary electric switch. 2,386,047; Oct. 2.

Gates, Geoffrey R. G., assignor of one-half to Automotive Products Company Limited, Leamington, Spa, England. Steering mechanism for motor road vehicles. 2,389,498; Nov. 20.

Gates, George W., & Co.: *See*—
Koch, Edward L., assignor.

Gates, Henry S., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,367,937; Jan. 23.

Gates, Louis E., assignor to The Champion Paper and Fibre Company, Canton, N. C. Breaking foam. 2,366,513; Jan. 2.

Gates, Paul E., Danvers, Mass., assignor to Sylvania Electric Products, Inc. Lamp flare machine. 2,366,609; Jan. 2.

Gates, Richard L.: *See*—
Curtis, R. R., and Gates.

Gatewood, Elbrige, New York, N. Y. Microscopic calendar for fountain pens and pencils. 2,377,932; June 12.

Gathercoal, Edmund N., Pentwater, Mich. Harvester. 2,372,821; Apr. 3.

Gathman, Albert: *See*—
Donlan, T. R., and Gathman.

Gatke, Thomas L., Oak Park, Ill. Apparatus for producing composition brake lining material in transversely grooved strip form. 2,380,230; July 10.

Gatke, Thomas L., Oak Park, Ill. Bearing. 2,389,253; Nov. 20.

Gattoni, Stephen A., Weehawken, N. J. Galley lock. 2,376,999; May 29.

Gaubatz, Arthur W., Indianapolis, Ind., assignor to General Motors Corporation, Detroit, Mich. Fan. 2,374,342; Apr. 24.

Gaudenzi, Arthur, Wettingen, assignor to Aktiengesellschaft Brown, Boveri & Cie., Baden, Switzerland, a mountable high-power triode. 2,368,535; Jan. 30.

Gaudin, Antoine M., Newtonville, Mass. Concentration of ores. 2,381,662; Aug. 7.

Gaudreau, Leodor H., Ludlow, Mass. Fixture. 2,385,354; Sept. 25.

Gaudreau, Oliver E., and H. Michelsen, Bristol, Conn., assignors to General Motors Corporation, Detroit, Mich. Grinding machine. 2,386,850; Oct. 16.

Gaugler, Richard S., Dayton, and C. E. Waring, Oakwood, assignors to General Motors Corporation, Dayton, Ohio. Preparing anhydrous calcium sulphate absorptive material. 2,379,142; June 26.

Gaulke, Erich, New Bedford, Mass. Serving mallet. 2,371,686; Mar. 20.

Gaumer, Robert T., Toledo, Ohio, assignor, by mesne assignments, to Libbey-Owens Ford Glass Company. Feeder for driers. 2,366,779; Jan. 9.

Gaun, Harry M., and R. K. Gessford, assignors to Sylvania Electric Products Inc., Emporium, Pa. Electron gun and the like. 2,386,790; Oct. 16.

Gauthier, Gaston, Chambery (Savoie), France; vested in the Alien Property Custodian. Aluminum base alloy with protective coating. 2,376,681; May 22.

Gautier, Trevor R., and R. W. Holtt, assignors to Nashua Gummed and Coated Paper Company, Nashua, N. H. Strip server. 2,382,787; Aug. 14.

Gaver, Kenneth M., assignor to The Ohio State University Research Foundation, Columbus, Ohio. Powdered flavor. 2,389,770; Nov. 27.

Gaver, Kenneth M., Columbus, assignor to The Komel Corporation, Dayton, Ohio. Explosive composition. 2,389,771; Nov. 27.

Gavrilles, Pete, Laurel, Md. Bandalore toy. 2,380,301; July 10.
Gay, Bert, Hartford, and R. K. Skinner, West Hartford, Conn. Expansion nut. 2,377,077; May 29.
Gay, Cecil H., Akron, Ohio, assignor to The Babcock & Wilcox Company, Newark, N. J. Banded pressure vessel and making the same. 2,376,351; May 22.
Gay, Fraser W., Metuchen, N. J. Energy reclamation means. 2,381,947; Aug. 14.
Gay, Fraser W., Metuchen, N. J. Underground conduit. 2,384,246; Sept. 4.
Gay, Fraser W., Metuchen, N. J. Piston and cylinder construction. 2,384,247; Sept. 4.
Gayer, John D., Springfield, Pa., assignor to General Electric Company. Electric circuit interrupter. 2,375,642; May 8.
Gaylor, Peter J.: *See*—
Baldeschwieler, E. L., and Gaylor.
Gaylor, Peter J., Union, N. J., assignor to Standard Oil Development Company. Modified plastic. 2,366,514; Jan. 2.
Gaylor, Peter J., Union, N. J., assignor to Standard Oil Development Company. Fluorinated compound and producing same. 2,370,787; Mar. 6.
Gaylor, Peter J., Union, N. J. Apparatus for carrying out chemical reactions. 2,378,138; June 12.
Gaylor, Peter J., Union, N. J., assignor to Standard Oil Development Company. Alkylated aromatic hydrocarbons. 2,384,295; Sept. 4.
Gaylord Container Corporation: *See*—
Bode, Harry L., assignor.
Fallert, Clifford D., assignor.
Williams, B. M., and Rushing, assignors.
Gaynor, Edwin G., Fairfield, Conn. Enclosure for alternating current apparatus. 2,372,822; Apr. 3.
Gaynor, Edwin G., Fairfield, and H. K. Andrews, Stratford, Conn.; said Andrews assignor to Gaynor. Fluorescent lamp applying means. 2,371,437; Mar. 13.
Gaynor, James W., Whiting, Ind., C. N. White, and R. W. Watson, assignors to Standard Oil Company, Chicago, Ill. Antiknocks. 2,387,323; Oct. 23.
Gayring, Wallace F.: *See*—
Davis, E., and Gayring.
Gayring, Wallace F., Minoa, N. Y., assignor to The Prosperity Company, Inc., Syracuse, N. Y. Two-hand control for servomotors. 2,383,851; Aug. 28.
Gazda, Antoine, Neuilly-sur-Seine, France; vested in the Alien Property Custodian. Drum type cartridge magazine. 2,367,572; Jan. 16.
Gazley, Richard C., Shaker Heights, Ohio. Fastening device. 2,372,566; Mar. 27.
Gear Grinding Machine Company, The: *See*—
Lund, Johan, assignor.
Gearhart, Roy E.: *See*—
Chambers, A., and Gearhart.
Gearhart, Roy E., assignor of three-tenths to B. L. McCreary, and three-tenths to R. B. McCreary, Kansas City, Mo. Wrench. 2,369,346; Feb. 13.
Geary, Robert J., Blue Point, N. Y. Insecticidal mixture. 2,383,304; Aug. 21.
Gebauer, Walter, Union, assignor to Premier Glass Works, Inc., Irvington, N. J. Support for pendant ornaments. 2,380,104; July 10.
Gebel, Peter J., Cincinnati, Ohio. Apparatus for adjustably holding cutting tools against grinding wheels. 2,367,494; Jan. 16.
Gebhard, Melvin L., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Reflex light reflector. 2,379,702; July 3.
Gecsy, Joseph, Maplewood, N. J., assignor to The S. S. White Dental Manufacturing Company. Rotary friction assembly. 2,375,098; May 1.
Geddes, John W., and T. Porter, Boston, assignor to H. K. Porter, Inc., Everett, Mass. Multiple lever tool. 2,382,307; Aug. 14.
Geddes, William E., assignor to General American Transportation Corporation, Chicago, Ill. Hatch structure for refrigerator cars. 2,368,524; Feb. 6.
Geddings, Saint J., West Columbia, S. C. Letoff mechanism for looms. 2,369,889; Feb. 20.
Geddings, Saint J., West Columbia, S. C. Loom. 2,384,909; Sept. 18.
Gee, Geoffrey, and S. C. Stokes, Welwyn Garden City, assignors to The British Rubber Producers' Research Association, London, England. Oil resisting rubber. 2,383,540; Aug. 28.
Geer, William C., Ithaca, N. Y. Frost-preventing screen for aircraft windows and making the same. 2,385,411; Sept. 25.
Geeraert, Gustave A., Lawrence, Mass. Filling stop motion compeller for looms. 2,368,707; Feb 6.
Geertsen, Nelson, Chicago, Ill., assignor to American Can Company, New York, N. Y. Can body maker. 2,379,898; July 10.
Geertsen, Nelson, Chicago, Ill., assignor to American Can Company, New York, N. Y. Closing machine. 2,386,787; Oct. 16.
Geertsen, Nelson, Chicago, Ill., assignor to American Can Company, New York, N. Y. Container. 2,390,094; Dec. 4.
Gefcken, Walter and E. Berger, Jena, Germany; vested in the Alien Property Custodian. Producing layers on solid objects. 2,366,516; Jan. 2.
Geffner, Samuel H., New York, N. Y. Key container. 2,389,426; Nov. 20.
Gegner, Paul J.: *See*—
Gage, F. W., and Gegner.
Gehmlich, Bruno, Freital 1, near Dresden, Germany; vested in the Alien Property Custodian. Photographic shutter. 2,387,574; Oct. 23.
Geibel, John F., assignor to Master Metal Products, Inc., Buffalo, N. Y. Welding apparatus. 2,378,697; June 19.
Geier, James, Troy, N. Y. Forming containers. 2,385,071; Sept. 18.
Geiger, David F., Los Angeles, Calif. Pressure operated tool connector. 2,373,686; Apr. 17.
Geiger, John P., et al.: *See*—
Smith, Merton J., assignor.
Geiger, Joseph M., Harrisburg, Pa. Weed puller. 2,374,929; May 1.
Geiger, Walter J., Cleveland Heights, Ohio, assignor to General Electric Company. Circular electric lamp. 2,366,252; Jan. 2.
Geiger, William A., assignor to W. P. Sidley, M. F. Back, A. P. Withall, E. C. Austin, and G. A. Johnson, Chicago, Ill., and A. T. Miner, Chazy, N. Y., as trustees of The William H. Miner Foundation. Railway car truck. 2,374,534; Apr. 24.
Geiger, William A., assignor to W. P. Sidley, M. F. Back, A. P. Withall, E. C. Austin, and G. A. Johnson, Chicago, Ill., and A. T. Miner, Chazy, N. Y., as trustees of The William H. Miner Foundation. Door operator. 2,380,302; July 10.
Geiger, William A., assignor to W. P. Sidley, M. F. Back, A. P. Withall, E. C. Austin, and G. A. Johnson, Chicago, Ill., and A. T. Miner, Chazy, N. Y., as trustees of The William H Miner Foundation. Friction draft gear for railway cars. 2,380,303; July 10.
Geiger, William A., assignor to W. P. Sidley, M. F. Back, A. P. Withall, E. C. Austin, and G. A. Johnson, Chicago, Ill., and A. T. Miner, Chazy, N. Y., as trustees of the William H. Miner Foundation. Friction shock absorber. 2,386,107; Oct. 2.
Geiger, William A., assignor to W. P. Sidley, M. F. Back, A. P. Withall, E. C. Austin, and G. A. Johnson, Chicago, Ill., and A. T. Miner, Chazy, N. Y., trustees of the William H. Miner Foundation. Shock absorber. 2,389,304; Nov. 20.
Geigy, J. R., A. G.: *See*—
Grün, Adolf, assignor.
Grün, A., and Stoll, assignors.
Keller, Ernst, assignor.
Keller, E., and Zweidler, assignors.
Krebser, A., and Bossard, assignors.
Martin, H., Hirt, and Neracher, assignors.
Martin, H., Hirt, and Staub, assignors.
Martin, H., Zaeslin, Hirt, Glatthaar, and Staub, assignors.
Müller, Paul, assignor.
Geimer, Anthony P., assignor to Hamilton Manufacturing Company, Two Rivers, Wis. Cabinet top. 2,378,402; June 19.
Geiselman, Ralph A., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Regulating system. 2,390,786; Dec. 11.
Geisinger, Abraham S., New York, N. Y. Apron. 2,366,393; Jan. 2.
Geisser, Josef: *See*—
Von Däniken, L., and Geisser.
Geissler, William E., Ossining, assignor to The Dorr Company, New York, N. Y. Compound clarifier. 2,377,875; June 12.
Geissmann, Gladys W., assignor to Merry Hull & Company, New York, N. Y. Footwear. 2,377,141; May 29.
Geist, Alex M., and R. R. Winders, Lincoln, Nebr. Electrical wiring device. 2,391,409; Dec. 25.
Gelatin Products Corporation: *See*—
Fox, S. H., and Opferman, assignors.
Mabbs, Carl E., assignor.
Scherer, Robert P., assignor.
Gelb, Joseph, New York, N. Y. Photographic camera-enlarger. 2,390,065; Dec. 4.
Gelbman, Louis, et al: *See*—
Gelbman, L., Olsen, and Mays, assignors.
Gelbman, Louis, Yonkers N. Y., and E. F. Olsen, and A. B. Mays, Adrian, Mich., assignors of eleven-twentieths to H. F. Andrus and nine-twentieths to L. Gelbman, Yonkers, N. Y. Making building blocks. 2,366,780; Jan. 9.
Geldhof, Peter E., and V. J. Wooster, assignors to Nineteen Hundred Corporation, St. Joseph, Mich. Transmitting oscillatory motion. 2,385,623; Sept. 25.
Geldhof, Peter E., and L. Ringer, assignors to Nineteen Hundred Corporation, St. Joseph, Mich. Suspension means for automatic washers. 2,386,788; Oct. 16.
Geldhof, Peter E., and L. Ringer, assignors to Nineteen Hundred Corporation, St. Joseph, Mich. Floating supporting structure for automatic washers. 2,390,213; Dec. 4.
Geldhof, Peter E., and L. Ringer, assignors to Nineteen Hundred Corporation, St. Joseph, Mich. Drain mechanism. 2,391,561; Dec. 25.
Geldman, Louis, Yonkers, N. Y. Sintering apparatus. 2,386,393; Oct. 9.

Gelfand, Michael, Brooklyn, assignor, by mesne assignments, to Boyle-Midway Inc., New York, N. Y. Combined bottle closure and wick. 2,376,046; May 15.
Geller, Andrew, Shoe Manufacturing Co. Inc.: *See*—
Azzara, Santo, assignor.
Geller, Bruce, Fremont, Ohio. Plastics and making same. 2,366,781; Jan. 9.
Geller, Max, Brooklyn, N. Y. Jointed manikin doll. 2,381,897; Aug. 14.
Geltner, Daniel, Astoria, N. Y., assignor to The Richards Chemical Works, Inc., Jersey City, N. J. Production of derivatives of polyhydroxy alcohols. 2,379,703; July 3.
Gem Crib and Cradle Company: *See*—
Bockus, R. C., and Landry, assignors.
Gemberling, Cameron H., South Bend, Ind., assignor to The Oliver Corporation. Tractor dump rake. 2,377,686; June 5.
Gemeny, Blaine B., assignor to Webster Manufacturing, Inc., Tiffin, Ohio. Elevator bucket. 2,370,531; Feb. 27.
Gemloid Corporation: *See*—
Frank, J., and Marr, assignors.
Gemmel, Wilbur R., Wheaton, assignor to Teletype Corporation, Chicago, Ill. Tape reel. 2,381,535; Aug. 7.
Gemmer Manufacturing Company: *See*—
Hammond, Charles F., assignor.
Gemmill, Frederick Q.: *See*—
Norden, E., Gemmill, and Isbister.
Genet, Stanley J., Wyandotte, Mich. Closure. 2,372,482; Mar. 27.
General Aircraft Equipment, Inc.: *See*—
Levy-Savoye, Charles, assignor.
General American Aerocoach Company: *See*—
Smith, Lawrence H., assignor.
General American Transportation Corporation: *See*—
Geddes, William E., assignor.
General Aniline & Film Corporation: *See*—
Barbre, Charles O., assignor.
Coroniti, S. C., and Schmidt, assignors.
Dersch, F., and Heimbach, assignors.
Fischer, Edwin L., assignor.
Fleischhauer, R., and Müller, assignors.
Fleischauer, R., Müller, and Schultis, assignors.
Fröhlich, A., and Schneider, assignors.
Kaszuba, Frank J., assignor.
Lolelt, H., and Wilmanns, assignors.
Mack, Ludwig, assignor.
Mueller, Fritz W. H., assignor.
Nawiasky, P., and Speer, assignors.
Reckmeyer, Yerne H., assignor.
Reckmeyer, V. H., and Brunner, assignors.
Reichel, Maximilian K., assignor.
Koehrl, Bruno C., assignor.
Schneider, Wilhelm, assignor.
Helmbach, Newton, assignor.
Ulrich, Heinrich, assignor.
Von Freyberg, H., and Koch, assignors.
Von Glahn, W. H., and Walsh, assignors.
Von Glahn, W. H., Walsh, and Streck, assignors.
Werner, Jesse, assignor.
Zappert, Robert H., assignor.
General Auto Parts Corporation: *See*—
Rockwell, Edward A., assignor.
General Binding Corporation: *See*—
Emmer, Charles E., assignor.
General Box Company: *See*—
Jones, C. G., and Van de Venter, assignors.
General Bronze Corporation: *See*—
Breese, Robert P., assignor.
Di Zoppola, Mario, assignor.
General Cable Corporation: *See*—
Graham, Robert C., assignor.
Kauth, Henry J., assignor.
General Chemical Company: *See*—
Knapp, William A., assignor.
Merriam, Henry F., assignor.
Merriam, H. F., and Harkness, assignors.
General Controls Co.: *See*—
Paille, Eugene, assignor.
Ray, William A., assignor.
General Electric Company: *See*—
Agens, Maynard C., assignor.
Alford, Joseph S., assignor.
Allen, Wayne H., assignor.
Amaden, Ralph D., assignor.
Anderson, Arvid E., assignor.
Anderson, James M., assignor.
Anderson, J. T., Wells, and Scott, assignors.
Andrews, Paul D., assignor.
Arms, Richard F., assignor.
Atkins, Harry C., assignor.
Austin, K. B., and Young, assignors.
Austin, Kirby B., assignor.
Ayers, E. H., and Elmendorf, assignors.
Ayers, Edgar H., assignor.
Bachman, C. H., and Tschopp, assignors.
Bachman, William S., assignor.
Bany, Herman, assignor.
Bassett, Merton O., assignor.
Basley, Carl E., assignor.
Bedford, Burnice D., assignor.
Bell, Julius C., assignor.
Benford, Frank, assignor.
General Electric Company: *See*—Continued
Bennett, G. L., and Dyer, assignors.
Bennett, Ralph S., assignor.
Bennett, Robert M., assignor.
Bieson, Ernest W., assignor.
Bivens, Maurice E., assignor.
Blewett, John P., assignor.
Bloomberg, David J., assignor.
Blume, Louis F., assignor.
Bodine, Ralph B., assignor.
Boehne, E. W., and Peterson, assignors.
Bondley, Ralph J., assignor.
Bower, George W., assignor.
Boyer, Ralph V., assignor.
Breadner, R. L., Harris, and Simms, assignors.
Brink, Edwin H., assignor.
Brink, E. H., and Arone, assignors.
Brinton, Harold G., assignor.
Brown, C. A., and Hahn, assignors.
Brunelle, Henry E., Jr., assignor.
Brunot, Albert W., assignor.
Bryant, Frank D., assignor.
Buechel, Joseph C., assignor.
Burkhardt, Ernst, assignor.
Camilli, Guglielmo, assignor.
Campbell, Claude M., assignor.
Campbell, James R., assignor.
Campbell, J. H., and Alcher, assignors.
Carson, Paul A., assignor.
Clark, Eugene S., assignor.
Clark, Frank M., assignor.
Clark, Howard L., assignor.
Coggeshall, Theilwell R., assignor.
Collins, Laurence J., assignor.
Cook, Ellsworth D., assignor.
Cook, Leonard W., assignor.
Cooper, Benjamin, assignor.
Cooper, B., and Livingston, assignors.
Crago, Harry R., assignor.
Craig, Charles R., assignor.
Crary, Selden B., assignor.
Crawford, Thomas G., assignor.
Crever, Frederick E., assignor.
D'Alello, Gaetano F., assignor.
D'Alello, G. F., and Pyle, assignors.
D'Alello, G. F., and Underwood, assignors.
Deerhake, Franklin M., assignor.
Denham, Robert H., assignor.
D'Entremont, Franklin R., assignor.
De Toro, Nicholas, assignor.
Devine, George F., assignor.
Dodson, Wayne E., assignor.
Dome, Robert B., assignor.
Doran, John H., assignor.
Downey, Reginald L., assignor.
Dunham, George W., assignor.
Dyson, James, assignor.
Eaton, John, assignor.
Eden, Christopher G., assignor.
Edwards, Martin A., assignor.
Edwards, M. A., and Levine, assignors.
Estes, Philip H., assignor.
Fancher, Henry B., assignor.
Faus, Harold T., assignor.
Felix, F., and Hugin, assignor.
Fernberger, Harry M., assignor.
Finlayson, Frank E., assignor.
Fischer, Frederick E., assignor.
Fisher, Alec, assignor.
Fisher, Frederick E., assignor.
Flaws, John, Jr., assignor.
Flowers, Ralph G., assignor.
Foulke, T. E., and Holtan, assignors.
Fraps, Junius P., assignor.
Frisk, Vladimir G., assignor.
Gabrielson, Samuel, assignor.
Garin, Alexis N., assignor.
Garr, Donald E., assignor.
Garrison, John W., assignor.
Gayer, John D., assignor.
Geiger, Walter J., assignor.
Goff, Robert W., assignor.
Goodwin, Raymond W., assignor.
Gore, Linn A., assignor.
Hahn, William C., assignor.
Haigh, Hezekiah, assignor.
Hansen, Siegfried, assignor.
Harker, David, assignor.
Harkness, Joseph R., assignor.
Harrington, Richards H., assignor.
Harris, Eugene E., assignor.
Haskell, Orin S., assignor.
Hausler, George M., assignor.
Hausz, Walter, assignor.
Hawkins, Laurence A., assignor.
Hayward, Claude D., assignor.
Hemphill, Lawrence F., assignor.
Hill, George S., assignor.
Hoffman, R. J., and Crever, assignors.
Hogan, J. H., Kettler, Judkins, and Hall, assignors
Holmberg, G. D., and Foster, assignors.
Holmgren, Viking R., assignor.
Horan, Frank T., assignor.
Howard, Alan, assignor.

General Electric Company: *See*—Continued
Hugin, Adolph C., assignor.
Hull, Albert W., assignor.
Hupp, Oscar W., assignor.
Huston, Claude B., assignor.
Hutt, Philip, assignor.
Iden, Fred B., assignor.
Inman, George E., assignor.
Jefferson, James F., assignor.
Jewell, Richard G., assignor.
Jewitt, Dennis E., assignor.
Johnson, Frithiof V., assignor.
Johnson, Harold E., assignor.
Jones, William L., Jr., assignor.
Jordan, W. B., and Johnson, assignors.
Kalsing, H., Krefft, and Larché, assignors.
Keep, Otto A., assignor.
Keister, James E., assignor.
Kenefake, Edwin W., assignor.
Kenefake, E. W., and Rives, assignors.
Kierspe, Raymond L., assignor.
Klitle, Ordean, assignor.
Kinsman, Earle V., assignor.
Kjolseth, Ole K.
Korneke, Paul B., assignor.
Kubler, E. F., Schneider, and Nonken, assignors.
Kuehni, Hans P., assignor.
Kuehni, H. P., and Branson, assignors.
Kuhn, George, assignor.
Lane, Arthur C., assignor.
La Pierre, Cramer W., assignor.
Larrecq, Anthony J., assignor.
Lathrop, Harold F., assignor.
Lawson, Gerald W., assignor.
Leithiser, George L., assignor.
Lemmers, Eugene, assignor.
Lesher, William C., assignor.
Levine, Martin, assignor.
Lincks, George F., assignor.
Lindemann, Charles A., assignor.
Linlor, William I., assignor.
Livingston, Orrin W., assignor.
Lord, Harold W., assignor.
Ludbrook, Leslie C., assignor.
Lunge, George S., assignor.
Lyman, Harold T., assignor.
MacAllister, Copeland C., assignor.
MacCarthy, Donnell D., assignor.
MacCarthy, D. D., and Brownlee, assignors.
Macintyre, John R., assignor.
Malloy, John J., assignor.
Marsden, James, assignor.
Martin, Harold M., assignor.
Mathieu, Joseph X., assignor.
Maul, John A., assignor.
Maxwell, Donald E., assignor.
McConnell, Andrew J., assignor.
McFarland, George L., Jr., assignor
McIver, William K., assignor.
McKenney, James F., assignor.
McMahan, Kenton D., assignor.
Michaelson, Jesse L., assignor.
Middel, Hendrik D., assignor.
Miller, Wallace B., assignor.
Milward, Victor E., assignor.
Miner, Carroll R., assignor.
Minneci, Salvatore, assignor.
Mittag, Albert H., assignor.
Mittag, A. H., and Schmidt, assignors.
Morey, Arthur H., assignor.
Morrill, Wayne J., assignor.
Moss, Sanford A., assignor.
Moyer, Elmo E., assignor.
Mueller, Adolph G., assignor.
Mueller, A. G., Young, and Dazley, assignors.
Navias, Louis, assignor.
Newell, Heber L., assignor.
Newman, Delbert F., assignor.
Nickell, Hershell A., assignor.
Norton, Francis J., assignor.
Ogden, Harold S., assignor.
Olsen, Ronald W., assignor.
Otis, A. N., and Hegel, assignors
Otto, Harold M., assignor.
Owens, Joseph W., assignor.
Owings, Charles E., assignor.
Paluev, Konstantin K., assignor.
Partridge, John H., assignor.
Patnode, Winton I., assignor.
Patnode, W. I., and Sauer, assignors.
Patnode, W. I., and Schlessler, assignors.
Peer, Lyle H. B., assignor.
Pellett, Fred G., assignor.
Petersen, Charles A., assignor.
Petersen, Otto H., assignor.
Philo, Frank G., assignor.
Pierson, Leslie C., assignor.
Pipkin, Marvin, assignor.
Powell, Alric H., assignor.
Prideaux, Gwilym F., assignor.
Prince, David C., assignor.
Puffer, Samuel E., assignor.
Puffer, S. E., and Norris, assignors.
Radcliffe, Thomas J., assignor.
General Electric Company: *See*—Continued
Ralston, Albert A., assignor.
Ramo, Simon, assignor.
Redmond, James H., assignor.
Reed, C. E., and Coe, assignors.
Reed, William L., assignor.
Reeves, Waverly A., assignor.
Rich, Theodore A., assignor.
Richardson, Henry M., assignor.
Richardson, L. W., and Scheldorf, assignors.
Roberts, Alvin V., assignor.
Roberts, James L., assignor.
Robinson, Manuel G., assignor.
Robinson, Percy W., assignor.
Robinson, T. F., Coe, and Welch, assignors.
Rochow, Eugene G., assignor.
Rochow, E. G., and Gilliam, assignors.
Rochow, E. G., and Patnode, assignors.
Rogers, George L., assignor.
Root, Charles S., assignor.
Rugg, Edward H., assignor.
Safford, Meyer M., assignor.
St. Palley, Zoltan O., assignor.
Sauer, Robert O., assignor.
Sauer, R. O., and Reed, assignors.
Savage, Robert H., assignor.
Schaefer, Edward J., assignor.
Schaefer, Vincent J., assignor.
Scheldorf, Marvel W., assignor.
Schey, Ira M., Jr., assignor.
Schlenker, Rudolf P., assignor.
Schmidt, August, Jr., assignor.
Schmitt, Richard H., assignor.
Schneider, Elbert D., assignor.
Schuck, Carl L., assignor.
Scott, Edwin W., assignor.
Seeley, Harold T., assignor.
Shaver, Daniel L., assignor.
Shea, Richard F., assignor.
Shea, R. F., and Miner, assignors.
Short, Thomas T., assignor.
Shoults, David R., assignor.
Silas, Frederick R., assignor.
Silvester, Austin G., assignor.
Smith, Arthur R., assignor.
Smith, Chester W., assignor.
Smith, Richard E., assignor.
Somerville, Gareth G., assignor.
Spring, Murray M., assignor.
Sprung, M. M., and Gilliam, assignors.
Standish, John W., assignor.
Stanworth, John E., assignor.
Starr, Frank M., assignor.
Stephens, Howard O., assignor.
Stephenson, Hugh M., assignor.
Strang, Harold E., assignor.
Strang, H. E., and Butler, assignors.
Strang, H. E., Reed, and Linde, assignors.
Stratton, Jerry L., assignor.
Suhr, F. W., and Warner, assignors.
Suits, C. G., and Lincks, assignors.
Suits, Chauncey G., assignor.
Sweet, A. L., and Bassett, assignors.
Terpak, S., and Wetherill, assignors.
Thayer, Richard N., assignor.
Thelsen, Joseph L., assignor.
Thielemann, Rudolf H., assignor.
Thompson, Edward S., assignor.
Thompson, Harris A., assignor.
Thompson, Louis W., assignor.
Thumim, C., Frank, and Boisseau, assignors.
Titus, Charles H., assignor.
Townsend, Mark A., assignor.
Traver, Oliver C., assignor.
Traver, O. C., and McKenna, assignors.
Treanor, Edward D., assignor.
Trencham, Henry, assignor.
Turner, Prescott K., assignor.
Uhlig, Herbert H., assignor.
Unger, Magnus, assignor.
Valentine, Irving B., assignor.
Van Horn, Irving H., assignor.
Von Hoorn, Fred G., assignor.
Vienneau, Jacob J., assignor.
Vrooman, Donald F., assignor.
Vrooman, Edward C., assignor.
Wade, E. J., and Horvath, assignors.
Wade, Elmer J., assignor.
Wales, Lawrence B., assignor.
Walker, Warren R., assignor.
Wall, Alexander C., assignor.
Warner, Donald F., assignor.
Warner, Wilbur W., assignor.
Warren, Glenn B., assignor.
Warrington, Albert R. Van C., assignor.
Watrobski, Raymond J., assignor.
Weaver, B. S., and Garr, assignors.
Weeks, Walter R., assignor.
Welch, Alanson U., Jr., assignor.
Weldon, John J., assignor.
Wellman, Albert, assignor.
Westervelt, Nelson H., assignor.
Wheeler, Charles M., assignor.
White, Leo D., assignor.

General Electric Company: *See*—Continued
White, William C., assignor.
Whitesel, Harry A., assignor.
Whiteside, Jack R., assignor.
Whiting, Max A., assignor.
Wiest, Horace G., assignor.
Wightman, Lawrence W., assignor.
Wilcox, Thomas W., assignor.
Wild, Albert F., assignor.
Willcox, T. N., and Race, assignors.
Willcox, Thomas N., assignor.
Winslow, Arthur F., assignor.
Wood, Charles W., assignor.
Woodworth, John L., assignor.
Woolard, Simon B., assignor.
Worcester, Joseph A., Jr., assignor.
Wright, J. G. E., and Marsden, assignors.
Wyer, Richard F., assignor.
Young, George G., assignor.
Young, William R., assignor.
Zabel, William P., assignor.
General Electric Company Limited, The: *See*—
Espley, D. C., and Ryde, assignors.
Sanderson, Roger W. W., assignor.
Saunders, Charles W., assignor.
Thompson, William G., assignor.
General Electric Corporation: *See*—
Morack, Marvin M., assignor.
General Electric X-Ray Corporation: *See*—
Atlee, Z. J., and Filmer, assignors.
Zunick, Michael J., assignor.
General Finance Corporation: *See*—
Iler, George A., assignor.
General Fireproofing Company, The: *See*—
Straubel, Clarence W., assignor.
General Floor Company: *See*—
Crock, Gregory F., assignor.
General Flooring Company: *See*—
Crock, Gregory F., assignor.
General Foods Corporation: *See*—
Berry, Norton E., assignor.
Kremers, Roland E., assignor.
Olsen, A. G., and Fehlberg, assignors.
Olsen, A. G., and Seltzer, assignors.
Rector, Thomas M., assignor.
Stagmeier, Arthur F., assignor.
General Furnaces Corporation: See—
Saha, Aatto P., assignor.
General Instrument Corporation: *See*—
Glaser, L. B., and Franey, assignors.
General Luminescent Corporation: *See*—
Isenberg, Sampson, assignor.
General Machinery Corporation: *See*—
Byerlein, Arthur A., assignor.
General Manifold & Printing Co.: *See*—
Lewis, Edward Z., assignor.
General Mills, Inc.: *See*—
Anderson, Helmer, assignor.
Andrews, J. S., and Sherwood, assignors.
Becker, Gilbert C.
Binnington, Donald S., assignor.
Callaghan, R. W., and Elverum, assignors.
Collatz, Ferdinand A., assignor.
Evans, L. H., and Huber, assignors.
Fritsberg, Edward L., assignor.
Huber, Louis J., assignor.
Norris, Frank A., assignor.
Schilling, R. M., and Mitchell, assignors.
Waters, Vern S., assignor.
General Motors Corporation: *See*—
Alexander, Donald F., assignor.
Baker, Albert D., assignor.
Baker, Malvern S., assignor.
Bales, Max G., assignor.
Barr, Harry F., assignor.
Barrington, Robert R., assignor.
Becker, Sylvan J., assignor.
Berninger, Kenneth L., assignor.
Blomberg, Martin P., assignor.
Blomberg, M. P., and Smidl, assignors.
Boegehold, Alfred L., assignor.
Boegehold, A. L., and Terry, assignors.
Bourland, I. R., and Heavener, assignors.
Bradford, Zerbe C., assignor.
Brams, Stewart L., assignor.
Brian, William S., assignor.
Brill, William E., assignor.
Brown, William E., assignor.
Browne, D. B., and Painter, assignors.
Burge, James S., assignor.
Candor, Robert R., assignor.
Carney, Clifford E., assignor.
Chitwood, George R., assignor.
Clark, Kendall, assignor.
Clason, Bertil, assignor.
Cook, S. V., and Waring, assignors.
Cramer, Paul L., assignor.
Cramer, P. L., and Begeman, assignors.
Cramer, Raymond H., assignor.
Crockett, C. V., Jr., and Bouvy, assignors.
Daily, Robert A., assignor.
Da Rosa, F. G., and Hill, assignors.
Dilworth, R. M., and Lilquist.
Dilworth, Richard M., assignor.
General Motors Corporation: *See*—Continued
Drown, Lyle L., assignor.
Dyer, John B., assignor.
Etchells, Eugene B., assignor.
Fausset, E. R., and Zion, assignors.
Ferris, Donald K., assignor.
Fike, C. H., and Heinzen, assignors.
Firner, William B., assignor.
Frank, Mark H., assignor.
Fray, A. S., and Withrow, assignors.
Fry, Millard E., assignor.
Gardiner, Arthur W., assignor.
Gaubatz, Arthur W.
Gaudreau, O. E., and Michelsen, assignors.
Gaugler, R. S., and Waring, assignors.
Geyer, Harvey D., assignor.
Gibson, J. Lowell, assignor.
Grooms, Albert O., assignor.
Haines, J. F., and Martin.
Hartzell, Herman L., assignor.
Helvern, J. O., and Baugh, assignors.
Hill, Robert H., assignor.
Humer, Frank, assignor.
Hunt, George, assignor.
Harris, Leander B., assignor.
Harris, Marcus R., assignor.
Hartzell, Herman L., assignor.
Hoffman, Frederick C., assignor.
Howe, John D., assignor.
Humer, Frank, assignor.
Hutchinson, Philip H., assignor.
Jones, Kenneth L., assignor.
Jorgensen, Clarence H., assignor.
Kamrath, Herbert G., assignor.
Kelley, Oliver K., assignor.
Kettering, Charles F., assignor.
Kettering, C. F., and Fischer, assignors.
Kettering, Eugene W., assignor.
Kew, Charles E., assignor.
Kucher, Andrew A., assignor.
Kuhn, A. J., Alexander, and Hornaday, assignors.
Kuhns, A., and Gasser, assignors.
Lauer, C. J., and Bowers, assignors.
Lawson, John W., assignor.
Leland, Robert W., assignor.
Leland, R. W., and Werner, assignors.
Lilliquist, Torsten O., assignor.
Louthan, Chester F., assignor.
Lovell, W. G., and Phillips, assignors.
Lucid, David E., assignor.
Lund, Arthur D., assignor.
MacNell, C. S. J., Haines, Martin, and Berninger, assignors.
MacPherson, Earle S., assignor.
Mancini, Joseph L., assignor.
Mann, Cecil A., assignor.
Martin, Thomas B., assignor.
Marvin, John T., assignor.
McCormack, Alex A., assignor.
McCormick, Francis H., assignor.
McDougal, Taine G., assignor.
McGill, George E., assignor.
McKinney, Edgar L., assignor.
McKinney, E. L., and Banta, assignors.
Means, Ralph P., Jr., assignor.
Murden, William T., assignor.
Nichols, Charles A., assignor.
Olson, T. A., and Klopak, assignors.
O'Neill, Arthur P., assignor.
Opitz, William H., assignor.
Pearce, George C., assignor.
Penn, Melvin P., assignor.
Poole, L. E., and Fausset, assignors.
Poole, Lora E., assignor.
Rady, William J., assignor.
Rasmussen, Olaf, assignor.
Rataiczak, Francis I., assignor.
Reeves, Donald H., assignor.
Rike, R. C., and Baugh, assignors.
Riopelle, E. F., and Sihvonen, assignors.
Rippingille, Edward V., assignor.
Rossman, Edwin F., assignor.
Salisbury, Carl D., assignor.
Sarafian, Karl, assignor.
Schjolin, Hans O., assignor.
Schmidt, Henry W., assignor.
Schwarz, Bertram A., assignor.
Seabury, R. L., and Daily, assignors.
Shoemaker, F. G., and Kreis, assignors.
Sihvonen, K. E., and Riopelle, assignors.
Smart, Clarence F., assignor.
Smith, Paul T., assignor.
Stalker, Tracy L., assignor.
Stephenson, James R., assignor.
Stickel, Carl A., assignor.
Stolte, Richard C., assignor.
Teeter, Wilford H., assignor.
Thompson, Earl A., assignor.
Thoma, L., and Maker, assignors.
Trott, James, assignor.
Varblow, Stanford C., assignor.
Werner, Calvin J., assignor.
Wanner, Joseph W., assignor.
Wening, H. E., and Moule, assignors.

General Motors Corporation: *See*—Continued
Wernig, James H., assignor.
White, Joe, assignor.
Winkler, Wynne G., assignor.
Wirt, John R., assignor.
Wittlinger, L. M., and Brian, assignors.
Wolfram, William S., assignor.
General Oil Heating Corporation: *See*—
Carter, George I., assignor.
General Paint Corporation: *See*—
Bronson, Deming, assignor.
General Printing Ink Corporation: *See*—
Curado, Joseph G., assignor.
Curado, J. G., and Finalborgo, assignors.
Hill, Frederick W., assignor.
Irion, Clarence E., assignor.
Wekeman, Stephen N., assignor.
General Radio Company: *See*—
Karplus, E., and Peterson, assignors.
Sinclair, Donald B., assignor.
Tuttle, William N., assignor.
General Railway Signal Company: *See*—
Alexander, Walter C., assignor.
Coley, Nelson B., assignor.
Field, Oscar S., assignor.
Field, O. S., and Wight, assignors.
Hailes, W. D., and Brixner, assignors.
Hewes, Ralph W., assignor.
Judge, Thomas J., assignor.
Preston, Neil D., assignor.
Rees, Frank X., assignor.
Rees, F. X., and Howard, assignors.
Scheg, Marcian A., assignor.
Scheg, M. A., and Wall, assignors.
Sibley, Henry C., Jr., assignor.
Wight, Sedgwick N., assignor.
Willing, J. E., and Little, assignors.
General Refractories Company: *See*—
Miller, F. M., Shape, and McClelland, assignors.
General Register Corporation: *See*—
Heisel, Reuben H., assignor.
General Research, Inc.: *See*—
Simjian, Luther G., assignor.
General Ribbon Mills, Inc: *See*—
Goldsmith, Bertram J., assignor.
General Seafoods Corporation: *See*—
Kaufman, Charles W., assignor.
General Steel Castings Corporation: *See*—
Frede, Charles F., assignor.
Harley, J. J., and Travilla, assignors.
Jackson, E. C., and Frede, assignors.
Pfager, Harry M., assignor.
Pfager, Harry M., assignor.
Travilla, James C., Jr., assignor.
Travilla, J. C., Jr., and Pagenkemper, assignors.
General Strapping Corporation: *See*—
Watt, B. L., and Osgood, assignors.
General Timber Service, Inc.: *See*—
Hall, Harry E., assignor.
Hammond, Richard N., assignor.
MacKenzie, Neal T., assignor.
General Time Instruments Corporation: *See*—
Engel, G. C., and Eidmann, assignors.
General Tire & Rubber Company, The: *See*—
Dettling, Joseph J., assignor.
Dodge, Howard M., assignor.
Engler, Max, assignor.
Kraft, Herman T., assignor.
Kraft, H. T., and Comey, assignors.
Peik, Paul G., assignor.
Remark, I. J., and Wheeler, assignors.
Riefenstahl, Lester A., assignor.
Vance, R. M., and Damicone, assignors.
General Vender Mfg. Co.: *See*—
Melchert, Charles A., assignor.
Generale, John T., Pelham Manor, N. Y. Pull toy. 2,385,914; Oct. 2.
Geneto Corporation: *See*—
Upton, Frederick P., assignor.
Geneva Processes, Inc.: *See*—
McLean, William A., assignor.
Gent, Oscar L., Tulsa, Okla. Wall. 2,367,392; Jan. 16.
Gente, Ernst, Berlin-Siemenesstadt, Germany; vested in the Alien Property Custodian. Steam turbine. 2,382,705; Aug. 14.
Gente, Ernst, Berlin-Siemensstadt, Germany; vested in the Alien Property Custodian. Sealing arrangement for centrifugal machines. 2,382,706; Aug. 14.
Gentry, George C., Pittsburgh, Pa., and W. S. Beals, Dayton, Ohio. Feed mechanism for cartridge belts. 2,375,219; May 8.
Geopfrich, Rudolph A., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,367,115; Jan. 9.
Geophysical Development Corporation: *See*—
Kramow, C., and Curtis, assignors.
Geophysical Research Corporation: *See*—
Millikan, Charles V., assignor.
Geophysical Service Incorporated: *See*—
McDermott, Eugene, assignor.
George, Armedos O., North Hollywood, Calif. Outboard motor dolly. 2,390,704; Dec. 11.
George, Avery R.: *See*—
Mateer, G. L., and George.
George, Everett D., and M. Lammertse, assignors to Wingfoot Corporation, Akron, Ohio. Valve stitching apparatus. 2,388,652; Nov. 6.
George, Harry F., Chicago, Ill. Safety buckle. 2,369,225; Feb. 13.
George, Howard: *See*—
Mellor, Fred, assignor.
George, Ralph D., Raytown, assignor to Butler Manufacturing Company, Kansas City, Mo. Combination trailer body for trucks. 2,369,890; Feb. 20.
George, Roscoe H., West Lafayette, Ind. Electron tube circuits. 2,366,329; Jan. 2.
George, Roscoe H., and W. M. Hesselberth, West Lafayette, Ind., assignors to Radio Corporation of America. Electrophoretic coating mixture. 2,376,047; May 15.
Georgia Kaolin Company: *See*—
Lyons, Sanford C., assignor.
Geppelt, Walter A., Tulsa, Okla. Pipe and rod bending machine. 2,373,822; Apr. 17.
Gerard, Joseph E.: *See*—
Sembler, E., and Gerard.
Gerber, Dale C., assignor to The Hoover Company, North Canton, Ohio. Refrigeration. 2,377,000; May 29.
Gerber, Dale C., North Canton, and R. C. Osborn, Canal Fulton, assignors to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,387,655; Oct. 23.
Gerber, Edward R.: *See*—
Crumb, C. F., and Gerber.
Gerber, Erwin G., West Allis, assignor to Meta Manufacturing Co., Milwaukee, Wis. Testing machine. 2,366,394; Jan. 2.
Gerdes, Theodor, Gilman, Ill. Rotary valve. 2,384,548; Sept. 11.
Gereke, Oscar, Stockett, Mont. Dehorning paste applicator. 2,388,321; Nov. 6.
Gerfen, Raymond F., Belleville, Ill. Semiautomatic rifle. 2,391,562; Dec. 25.
Gergely, Margaret, Waltz, Mich. Cartridge fountain pen. 2,381,898; Aug. 14.
Gerges, Wesley R., Philadelphia, Pa., assignor to Allied Chemical & Dye Corporation, New York, N. Y. Tank car. 2,367,018; Jan. 9.
Gerhardt, Andrew, Skokie, assignor to Electric Household Utilities Corporation, Chicago, Ill. Ironing machine. Re. 22,616; Mar. 13.
Gerhardt, Andrew H., Skokie, and T. C. Maher, assignors to Electric Household Utilities Corporation, Chicago, Ill. Automatic ironing machine. 2,372,775; Apr. 3.
Gerhardt, William F., Detroit, Mich. Air vehicle. 2,371,687; Mar. 20.
Gerhart, Howard L., Milwaukee, Wis., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Forming a clear plasticized styrene-maleic anhydride resin. 2,384,085; Sept. 4.
Gerhart, Howard L., Milwaukee, Wis., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Preparation of diolefinic resins. 2,387,895; Oct. 30.
Gerhart, Howard L., Milwaukee, Wis., and L. M. Adams, Corpus Christi, Tex., assignors to Pittsburgh Plate Glass Company. Synthetic gum for paints and varnishes. 2,390,530; Dec. 11.
Gerhold, Clarence G.: *See*—
Mekler, L. A., and Gerhold.
Gerhold, Clarence G., assignor to Universal Oil Products Company, Chicago, Ill. Hydrocarbon conversion. 2,377,078; May 29.
Gerhold, Clarence G., assignor to Universal Oil Products Company, Chicago, Ill. Mixing fluids. 2,382,871; Aug. 14.
Gerhold, Clarence G., assignor to Universal Oil Products Company, Chicago, Ill. Downspout for bubble trays. 2,385,355; Sept. 25.
Gerity-Adrian Manufacturing Corporation: *See*—
Gerity, James, Jr., and Claus, assignors.
Gerity, James, Jr., Adrian, Mich., and W. A. Claus, Toledo, Ohio, assignors to Gerity-Adrian Manufacturing Corporation, Adrian, Mich. Wall fixture. 2,366,447; Jan. 2.
Gerke, Walter L., Memphis, Tenn. X-ray timer tester. 2,374,280; Apr. 24.
Gerlach, Carl A., La Grange, Ill. Wrapping machine. 2,368,213; Jan. 30.
Gerlach, Charles L., assignor to Michael Yundt Company, Waukesha, Wis. Conveying apparatus. 2,379,571; July 3.
Gerlache, John, Chicago, Ill. Trailer toy. 2,370,532; Feb. 27.
Gerlich, Adolph, Waukegan, assignor to Milton L. Smith, Chicago, Ill. Bottle dispensing apparatus. 2,376,682; May 22.
Gerlough, Tillman D., Highland Park, N. J., assignor to E. R. Squibb & Sons, New York, N. Y. Refining antitoxins. 2,368,464; Jan. 30.
Germain, Andrew J.: *See*—
Olsen, C. A., and Germain, assignors.
Germain, Charles E., Worcester, Mass. Snow runner for baby carriages. 2,380,162; July 10.
Germain, Louis, Brooklyn, N. Y. Bookmark. 2,388,736; Nov. 13.
German, Irvine F., Jr.: *See*—
Gross, H. H., and German.
German, Milo, Cozad, Nebr. Bending plastic tubing. 2,389,038; Nov. 13.
Germanotta, John, Milwaukee, Wis. Toiletry appliance. 2,375,643; May 8.

Germeshausen, Kenneth J., Cambridge, Mass. Reproducer. 2,373,676; Apr. 17.
Germeshausen, Kenneth J., Cambridge, Mass. Vibration-translating device. 2,380,514; July 31.
Gernandt, Waldo G.: *See*—
Bonbright, H., and Gernandt.
Gernandt, Waldo G., assignor to Briggs Manufacturing Company, Detroit, Mich. Engine. 2,374,190; Apr. 24.
Gernandt, Waldo G., assignor to Briggs Manufacturing Company, Detroit, Mich. Engine. 2,374,191; Apr. 24.
Gernandt, Waldo G., assignor to Briggs Manufacturing Company, Detroit, Mich. Engine. 2,384,461; Sept. 11.
Gernandt, Waldo G., and A. E. Walden, assignors to Briggs Manufacturing Company, Detroit, Mich. Engine. 2,387,143; Oct. 16.
Gerotor May Company: *See*—
Painter, Roy W., assignor.
Gerrard, John M., Chicago, Ill. Seal. 2,377,224; May 29.
Gerrard, Oswald, Houston, Tex. Airplane landing and retarding apparatus. 2,380,105; July 10.
Gersch, Adolph E., assignor to Stewart-Warner Corporation, Chicago, Ill. Radio control device. 2,367,860; Jan. 23.
Gershinowitz, Harold, New York, N. Y., assignor to Shell Development Company, San Francisco, Calif. Cracking and reforming of hydrocarbons. 2,370,533; Feb. 27.
Gersmehl, Vern R., Cheyenne, Wyo. Spray gun. 2,368,536; Jan. 30.
Gerson, Gerhard, Keego Harbor, Mich., assignor to Phillips Petroleum Company. Charge forming device. 2,391,410; Dec. 25.
Gerst, Chris, Dearborn, assignor to Transmission Specialties Company, Detroit, Mich. Clutch structure. 2,376,136; May 15.
Gerst, Chris, Dearborn, Mich. Power take-off. 2,389,647; Nov. 27.
Gerst, Henry M.: *See*—
Pitinsky, M., Gerst, and Shriro.
Gerstenzang, Ralph: *See*—
Brownlie, J., and Gerstenzang.
Gertler, Hyman, Montreal, Quebec, Canada. Metal bed spring. 2,390,580; Dec. 11.
Gertler, S. I., and H. L. J. Haller, Washington, D. C., assignors to United States of America as represented by C. R. Wickard, Secretary of Agriculture, and his successors in office. Insecticide. 2,388,684; Nov. 13.
Gertler, Samuel I., Washington, D. C., assignor to the United States of America, as represented by the Secretary of Agriculture. Insect repellents. 2,389,427; Nov. 20.
Gertler, Samuel I., and H. L. J. Haller, Washington, D. C., assignors to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Insecticide. 2,374,479; Apr. 24.
Gerung, George, Baltimore, Md. Burring machine. 2,384,164; Sept. 4.
Gess, Louis, Jenkintown, assignor to The Brown Instrument Company, Philadelphia, Pa. Control system. 2,381,948; Aug. 14.
Gess, Louis, Jenkintown, and E. C. Burdick, assignors to Brown Instrument Company, Philadelphia, Pa Measuring instrument. 2,386,108; Oct. 2.
Gessford, Ross K.: *See*—
Gaun, H. M., and Gessford.
Gessler, Harry C., Brooklyn, assignor to Medco Products Co., New York, N. Y. Dispenser. 2,380,906; July 31.
Getaz, James L., New York, N. Y., assignor to Scott and Williams, Incorporated, Laconia, N. H. Knitting method and product thereof. 2,376,246; May 15.
Getaz, James L., New York, N. Y. Incorporating elastic thread in knitted fabrics. 2,377,489; June 5.
Getaz, James L., New York, N. Y. Feeding elastic thread in knitted fabrics. 2,377,490; June 5.
Getaz, James L., New York, N. Y., assignor to Scott and Williams, Incorporated, Laconia, N. H. Knitting method and machine. 2,387,253; Oct. 23.
Getteiman, Fredrick, Milwaukee, Wis. Bottle conveyer. 2,369,557; Feb. 13.
Geue, John E.: *See*—
Thorsten, T., Geue, and Kellogg.
Gevaart, Theodore C., Kiel, Wis. Carton and package. 2,382,308; Aug. 14.
Gey, William H., Boston, Mass. Electric flashlight. 2,387,144; Oct. 16.
Geyer, Harvey D., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Freezing tray. 2,372,483; Mar. 27.
Gheen, Robert L., Eugene, Oreg. Metal cutting machine. 2,374,281; Apr. 24.
Ghertman, Ioino, St. Mande, France, assignor to International Business Machines Corporation, New York, N. Y. Paper feeding device. 2,372,892; Apr. 3.
Ghez, Henry and O., New York, N. Y. Sole for footwear and footwear embodying the same. 2,370,301; Feb. 27.
Ghez, Henry and O., New York, N. Y. Construction of shoe soles of wood or other stiff materials. 2,370,302; Feb. 27.
Ghez, Henry and O., New York, N. Y. Shoe sole. 2,370,303; Feb. 27.
Ghez, Henry and O., New York, N. Y. Rubber or plastic encased flexible reinforcement or flexible member. 2,383,122; Aug. 21.
Ghez, Oscar: *See*—
Ghez, Henry and O.
Giabalvo, Vito A., Rahway, N. J., assignor to Interchemical Corporation, New York, N. Y. Making phthalocyanine pigments. 2,375,780; May 15.
Giammaria, John J., and O. M. Reiff, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Mineral oil composition. 2,386,206; Oct. 9.
Giannini, Gabriel M., North Hollywood, Calif., assignor, by mesne assignments, to Automatic Electric Laboratories, Inc. Transmission system. 2,375,099; May 1.
Giannini, Gabriel M., West Los Angeles, Calif., assignor, by mesne assignments, to A. S. Howe, Jr., South Norwalk, Conn. Magnetic compass. 2,389,664; Nov. 27.
Gibb, John A.: *See*—
Lambert, P., Riemenschneider, and Gibb.
Gibb, John A., Northport, W. T. Hayward, Hastings-on-Hudson, and A. H. Schutte, Westchester, assignors to The Lummus Company, New York, N. Y. Catalysis. 2,370,950; Mar. 6.
Gibbon, Charles O., Short Hills, N. J., assignor to American Telephone and Telegraph Company. Electromagnetic relay. 2,375,100; May 1.
Gibbons, Clifford L.: *See*—
Henry, Robert J., assignor.
Gibbons, Edwin J., East Providence, R. I. Treating multiwoven fabrics. 2,371,164; Mar. 13.
Gibbons, Richard F., Burlingame, assignor to Pacific Electric Manufacturing Corporation, San Francisco, Calif. Power line transfer and disconnect switch. 2,368,465; Jan. 30.
Gibbs, Bradford C., Teaneck, and R. H. Roughsedge, Ramsey, N. J., assignors to Celanese Corporation of America. Stop motion. 2,367,768; Jan. 23.
Gibbs, Carlin F., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Partial ethers of alkenyl substituted polyhydroxybenzenes. 2,378,698; June 19.
Gibbs, Charles W., Chevy Chase, Md. Container. 2,375,101; May 1.
Gibbs, Clarence D., Jenkintown, and R. K. Miller, Allentown, Pa. Boiler. 2,379,227; June 26.
Gibbs & Cox, Inc.: *See*—
Hadden, Edward L., assignor.
Gibbs, Lester S.: *See*—
Packie, J. W., and Gibbs.
Gibbs, Thomas B.: *See*—
Fink, J., and Gibbs.
Gibbs, Thomas B., and E. Norrman, Delavan, Wis., assignors to George W. Borg Corporation, Chicago, Ill. Frequency multiplier. 2,374,343; Apr 24.
Gibbs, Thomas B., and M. E. Brown, Delavan, Wis., assignors, by mesne assignments, to George W. Borg Corporation, Chicago, Ill. Timing apparatus. 2,390,364; Dec. 4.
Gibney, Robert B., Basking Ridge, N. J., assignor to Bell Telephone Laboratories, Incorporated. New York, N. Y. Electrographic recording medium. 2,367,113; Jan. 9.
Gibson, Albert E., Jr., Springfield, Pa., assignor to The Dentists' Supply Company of New York, New York, N. Y. Molding articles. 2,370,623; Mar. 6.
Gibson, Albert G., and C. R. Crawford, Middletown, assignors to The Black-Clawson Company, Hamilton, Ohio. Apparatus for feeding paper pulpers. 2,369,347; Feb. 13.
Gibson, Donald M., assignor, by mesne assignments, to Gibson Refrigerator Company, Greenville, Mich. Ice tray. 2,367,573; Jan. 16.
Gibson, Estell L., Park Ridge, assignor to Cowham Engineering Company, Chicago, Ill. Rotary kiln. 2,387,014; Oct. 16.
Gibson, Gerald A., Excelsior, Minn. Portable basketball goal. 2,379,572; July 3.
Gibson, J Lowell, assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,366,188; Jan. 2.
Gibson, J Lowell, assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,391,151; Dec. 18.
Gibson, James L., Chicago, and E. W. Peterson, Glen Ellyn, assignors to Ditto, Incorporated, Chicago, Ill. Paper handling mechanism for duplicating machines. 2,389,848; Nov. 27.
Gibson, John D.: *See*—
LeStrange, A. J., and Gibson.
Gibson, Marshall D., Webster Groves, Mo. Carrier for bottles or the like. 2,368,015; Jan. 23.
Gibson Refrigerator Company: *See*—
Gibson, Donald M., assignor.
Nofzinger, Earl E., assignor.
Roth, Joseph N., assignor.
Yerkes, Norman J., assignor.
Gibson, Robert M., Pittsburgh, Pa. Quenching vessel. 2,374,535; Apr. 24.
Giddings & Lewis Machine Tool Co.: *See*—
Gallimore, K. F., and Schurger, assignors.
Woytych, R. M., and Kaiser, assignors.
Gideon, Victor W., assignor to Boyar-Schultz Corporation, Chicago, Ill. Turning tool. 2,380,039; July 10.
Gieffers, Friedrich: *See*—
Kesselring, F., Gieffers, and Kaufmann.
Gieleghem, Maurice J., Detroit, Mich. Radius fixture. 2,367,574; Jan. 16.

Giern and Anholtt Tool Company: *See*—
Giern, J. B., and Anholtt, assignors.

Giern, James B., assignor of one-half to A. P. Anholtt, Detroit, Mich. Smoking pipe. 2,382,627; Aug. 14.

Giern, James B., and A. P. Anholtt, assignors to Giern and Anholtt Tool Company, Detroit, Mich. Machine construction. 2,378,212; June 12.

Gieseke, August F., Jr., Gary, Ind. Cinder notch stopper. 2,376,045; May 15.

Gieseke, Elmer W.: *See*—
Jayne, D. W., Jr., Day, and Gieseke.

Gieseke, Elmer W., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Tungsten ore flotation. 2,373,305; Apr. 10.

Gifford, Whitney, assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,368,294; Jan. 30.

Gifford, Whitney, assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,387,840; Oct. 30.

Giffen, Harvey D., Pico, Calif., assignor, by mesne assignments to Consolidated Vultee Aircraft Corporation. Apparatus for analyzing recorded data. 2,380,231; July 10.

Gifford, Clayton E., and D. S. Hoover, assignors to The Huber Manufacturing Co., Marion, Ohio. Mower. 2,375,912; May 15.

Giger, Walter, Zurich, assignor to Aktiengesellschaft Brown, Boveri & Cie, Baden, Switzerland. Electromechanical control system for vehicles. 2,387,896; Oct. 30.

Gigger, Walter A., Barrington, R. I., assignor to Brown and Sharpe Manufacturing Company. Control device. 2,387,254; Oct. 23.

Gilbert, A. C. Company, The: *See*—
Frisbie, Marshall H., assignor.

Gilbert & Barker Manufacturing Company: *See*—
De Lancey, Warren H., assignor.
Grisé, Alfred L., assignor.

Gilbert-Carter, John C., Irwin, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Motor control system. 2,367,938; Jan. 23.

Gilbert, George R., Elizabeth, N. J., assignor to Standard Oil Development Company. Sweetening sour hydrocarbon oil. 2,369,558; Feb. 13.

Gilbert, George R., Elizabeth, N. J., assignor to Standard Oil Development Company. Increasing cetane number of fuel oil. 2,390,296; Dec. 4.

Gilbert, George R., Baytown, Tex., assignor to Standard Oil Development Company. Catalyst preparation. 2,370,788; Mar. 6.

Gilbert, George R., Baytown, Tex., assignor to Standard Oil Development Company. Diesel fuel. 2,379,228; June 26.

Gilbert, Harvey N., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Metal cleaning process and composition. 2,377,876; June 12.

Gilbert, Lloyd, Ravenna, Mich. Stone carrier attachment for tractors. 2,379,797; July 3.

Gilbert, Maxon, North Scituate, R. I. Charcoal grill. 2,375,913; May 15.

Gilbert, Philo G., Portland, Oreg. Attachment for hand trucks. 2,382,989; Aug. 21.

Gilbert, Richard H.: *See*—
Lacart, R. H., Gilbert, and Beekley.

Gilbert, Samuel, Verona, N. J., assignor to Bendix Aviation Corporation, Bendix, N. J. Power plant accessory. 2,368,537; Jan. 30.

Gilbert, Samuel, Verona, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine starting mechanism. 2,374,990; May 1.

Gilbert, Samuel, Verona, assignor to Bendix Aviation Corporation, Teterboro, N. J. Clutch. 2,389,772; Nov. 27.

Gilbert, Stanley W., Middletown, assignor to Chandler-Evans Corporation, South Meriden, Conn. Carburetor. 2,382,050; Aug. 14.

Gilbertson, Olaf, Matawan, N. J. Electric swivel. 2,387,015; Oct. 16.

Gilbreath, Frederick E., Pasadena, assignor to J. J. O'Reilly, Los Angeles, Calif. Lawn mower sharpener. 2,373,022; Apr. 3.

Gile, Truman, Miami Springs, Fla. Noisemaking device. 2,379,143; June 26.

Giles, Charles H., and D. G. Wilkinson, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Treatment of materials. 2,369,122; Feb. 13.

Giles, Eugene M., assignor to W. D. Kelly, Western Springs, Ill. Stop nut. 2,386,307; Oct. 9.

Giles, Thomas F., Greenford, England. Firing device for the fuses of bombs, flares, and the like. 2,382,872; Aug. 14.

Gilfillan, Henry W., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Power transmission. 2,375,781; May 15.

Gilfillan, Henry W., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Power transmission. 2,375,782; May 15.

Gilfillan, Henry W., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Power transmission. 2,375,783; May 15.

Gilfillan, Paul M., assignor to Shellmar Products Company, Mount Vernon, Ohio. Joint closure. 2,380,427; July 31.

Gilg, Frank X.: *See*—
Shellenberger, R., and Gilg.

Gill, Emerson C., Melrose, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Fastening-inserting machine. 2,376,910; May 29.

Gill, George H., assignor to The Garrett Corporation, Airesearch Manufacturing Company division, Los Angeles, Calif. Engine system cooling control. 2,376,683; May 22.

Gill, George H., Los Angeles, assignor to The Garrett Corporation, Airesearch Manufacturing Company division, Inglewood, Calif. Oil cooling device. 2,384,248; Sept. 4.

Gill, John B., San Francisco, and T. L. Smith, South San Francisco, Calif. Pipe-cutting tool. 2,381,156; Aug. 7.

Gill, Joseph W.: *See*—
Scholz, H. A., Wise, Gill, and Schmidt.

Gill, Raymond W., Pleasantville, N. J. Storm sash and screen. 2,388,404; Nov. 6.

Gillam, Edward D., Philadelphia, Pa. Container. 2,385,268; Sept. 18.

Gille, Hugo E.: *See*—
Jenny, Robert W., and Gille.

Gille, Willis H.: *See*—
Taylor, D. G., and Gille.

Gille, Willis H., St. Paul, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control system. 2,366,501; Jan. 2.

Gille, Willis H., St. Paul, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Electronic control apparatus. 2,379,872; July 10.

Gille, Willis H., St. Paul, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control device. 2,390,581; Dec. 11.

Gille, Willis H., St. Paul, and H. A. Petsch, assignors to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control device. 2,371,236; Mar. 13.

Gille, Willis H., St. Paul, Minn., and J. V. Sigford, Wabash, Ind., assignors to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control apparatus. 2,375,988; May 15.

Gillen, George M., assignor to Nicholas Pisapia, Paterson, N. J. Valve mechanism for spaghetti canning machines. 2,389,901; Nov. 27.

Gillespie, Albert A, and F. Hauser, West Los Angeles, and A. G. Wise, Los Angeles, assignors to Loew's Incorporated. Background projector. 2,366,851; Jan. 9.

Gillespie, Charles N., Brooklyn, N. Y., assignor to Radio Corporation of America. Compensation amplifier system. 2,378,999; June 26.

Gillespie, Henderson C., Moorestown, N. J., assignor to Radio Corporation of America. Electrical heating method. 2,370,624; Mar. 6.

Gillespie, J Gayle, Gainsville, Tex. Drum assembly for pumping units. 2,370,029; Feb. 20.

Gillespie, J. W.: *See*—
Farley, R. C., and Gillespie.

Gillespie, Stanley E.: *See*—
Jefferson, G. V., and Gillespie.

Gillette, C. P.: *See*—
Gray, Roy O., assignor.

Gillette, Harold R.: *See*—
Goldstein, P., and Gillette.
Richter, H. W., and Gillette.

Gillette Safety Razor Company: *See*—
Muros, Joseph, assignor.
Shnitzler, Meyer J., assignor.
Stampleman, Samuel C., assignor.
Testi, Nicholas, assignor.

Gilli, Paul, Vienna, Germany; vested in the Alien Property Custodian. Fireless locomotive with high accumulator pressure. 2,367,114; Jan. 9.

Gilliam, Oliver F., Evanston, Ill., assignor to Niagara Blower Company, New York, N. Y. Apparatus for smoking and curing foodstuffs. 2,380,428; July 31.

Gilliam, William F.: *See*—
Rochow, E. G., and Gilliam.
Sprung, M. M., and Gilliam.

Gillican, Charles C., Homerville, Ga., assignor of one-half to Nello Resin Processing Corporation, Cleveland, Ohio, and one-half to Filtered Rosin Products, Inc., Benedict, Ga. Packaging rosin. 2,378,920; June 26.

Gilligan, Carl W., East Longmeadow, Mass. Ground signal projector. 2,369,142; Feb. 13.

Gilligan, Carl W., East Longmeadow, Mass. Firing rate reducer. 2,384,832; Sept. 18.

Gilligan, John D.: *See*—
Sliszewski, Ernest J., assignor.

Gilliland, Edwin R., Cambridge, Mass., assignor, by mesne assignments, to Jasco, Incorporated. Concentration of olefins. 2,369,559; Feb. 13.

Gillings, Charles and C. E. Beale, Liverpool, England, assignors, by mesne assignments, to Automatic Electric Laboratories, Inc. Telephone or like system. 2,376,352; May 22.

Gillings, Charles, Liverpool, and P. E. A. Cowley, Coventry, England, assignors to Automatic Electric Laboratories, Inc., Chicago, Ill. Telephone or like system. 2,380,232; July 10.

Gillings, Charles, and C. E. Beale, Liverpool, England, assignors to Automatic Electric Laboratories Inc., Chicago, Ill. Telephone or like system. 2,383,541; Aug. 28.

Gillis, Randall, Westfield, and W. Morsing, Irvington, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Method of and apparatus for applying material to advancing cores. 2,389,725; Nov. 27.

Gilliver, Gilbert, assignor to Standard Telephones and Cables Limited, London, England. Joining of wires, particularly fine wires used in the manufacture of electric coils. 2,371,438; Mar. 13.

Gilliver, Gilbert, assignor to Standard Telephones and Cables Limited, London, England. Joining of wires, particularly fine wires used in the manufacture of electric coils. 2,390,999; Dec. 18.

Gillman, Jacob: *See*—
Setera, Theodore J., assignor.

Gillmor, Robert E.: *See*—
Hunter, W. F., Jr., Tanner, and Gillmor

Gillmore, Kenneth B., London, and R. H. Warde, assignors to The De Havilland Aircraft Company Limited, Hatfield, England. Toothed-gear coupling. 2,374,344; Apr. 24.

Gillon, John W., assignor to Eastman Kodak Company, Rochester, N. Y. Range finder adjusting mechanism. 2,391,152; Dec. 18.

Gillum, Donald E., Hermosa Beach, and D. H. Van Riper, Los Angeles, assignors to North American Aviation, Inc., Inglewood, Calif. Stiffened material. 2,371,754; Mar. 20.

Gilman, James N., Oakland, and C. C. Ross, Alameda, Calif.; said Ross assignor to said Gilman. Switch assembly. 2,385,356; Sept. 25.

Gilmore, Harry L., assignor to Aget Manufacturing Company, Adrian, Mich. Gas purification. 2,390,297; Dec. 4.

Gilmore, William J., Adrian, Mich., assignor to American Chain & Cable Company, Inc., Bridgeport, Conn. Tension adjuster. 2,375,548; May 8.

Gilpin, Garth G., assignor to Standard Railway Equipment Manufacturing Company, Chicago, Ill. Railway car structure. 2,390,434; Dec. 4.

Gilson, D., and Company Limited: *See*—
Bannister, Edgar, assignor.

Gilson, Joseph L., Hartsdale, N. Y. Method and apparatus for freezing foods. 2,372,373; Mar. 27.

Gilson, Walter J., Toronto, Ontario, Canada. Disconnecting switch. 2,371,755; Mar. 20.

Gilson, Warren E., assignor to Wisconsin Alumni Research Foundation, Madison, Wis. Automatic blood pressure recorder. 2,379,573; July 3.

Gimpel, Karl, Philadelphia, Pa. Pneumatic punch. 2,383,380; Aug. 21.

Ginger Cola Dispenser Inc.: *See*—
Lloyd, Charles W., assignor.

Gingiss, Rosalie E., et al.: *See*—
Eisenschimi, Otto and G.

Ginn, Earl, North Muskegon, and Harold L. Casselman, assignors to Continental Motors Corporation, Muskegon, Mich. Engine. 2,368,080; Jan. 23.

Ginn, Earl, North Muskegon, and H. L. Casselman, assignors to Continental Motors Corporation, Muskegon, Mich. Engine. 2,369,105; Feb. 6.

Ginter, Charles W., assignor to The Aro Equipment Corporation, Bryan, Ohio. Oil pump. 2,390,832; Dec. 11.

Ginzton, Edward L.: *See*—
Varian, R. H., Hansen, and Ginzton.

Ginzton, Edward L., Rockville Centre, and W. W. Hansen, Garden City, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. High-frequency tube structure. 2,391,016; Dec. 18.

Giordano, Antoinette, Brooklyn, N. Y. Vegetable belt for kettles. 2,377,548; June 5.

Giorgi, Adelmo, assignor of one-third to B. Pasquasi, Highwood, and one-third to C. E. Worsfold, Wilmette, Ill. Comb attachment for hair clippers. 2,381,046; Aug. 7.

Gioseffi, Victor N., assignor to Eastman Kodak Company, Rochester, N. Y. Sensitizing and protecting metal plates. 2,386,602; Oct. 9.

Girdler Corporation, The: *See*—
Houlton, Harold G., assignor.
Reed, Robert M., assignor.

Gish, Daniel B., West Springfield, Mass. Crutch. 2,383,786; Aug. 28.

Gisholt Machine Company: *See*—
Sundt, Vigo von K., assignor.

Gisleson, William P., Charles City, Iowa. Sun visor attachment. 2,377,225; May 29.

Gisondi, Emanuel, Larchmont, N. Y. Fastening device. 2,369,961; Feb. 20.

Gisondi, Emanuel, Larchmont, N. Y. Fastening device. 2,369,962; Feb. 20.

Gisvold, Ole, assignor to Regents of the University of Minnesota, Minneapolis, Minn. Producing plant extracts. 2,382,475; Aug. 14.

Gits, Joseph A.: *See*—
Gits, Jules P., assignor.

Gits, Joseph A., assignor, by mesne assignments, to himself and J. P. Gits, Chicago, Ill. Flashlight. 2,373,306; Apr. 10.

Gits, Jules P.: *See*—
Gits, Joseph A., assignor.

Gits, Jules P., assignor, by mesne assignments, to J. P. and J. A. Gits, Chicago, Ill. Thermoplastic construction. 2,380,515; July 31.

Given, Richard A.: *See*—
Schonberg, J. R., and Given.

Givens, John H.: *See*—
Hegan, H. J., and Givens, assignors.

Gladeck, Frederick C., Philadelphia, Pa., assignor to International Cigar Machinery Company. Filler tobacco feed. 2,378,921; June 26.

Gladfelter, Wiltie I.: *See*—
McManus, C. E., and Gladfelter.

Gladfelter, Wiltie I., and W. A. Schmidt, Philadelphia, Pa., assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Apparatus for handling and heating containers. 2,366,515; Jan. 2.

Gladfelter, Wiltie I., and W. A. Ehrlich, Philadelphia, Pa., assignors to Crown & Seal Company, Inc., Baltimore, Md. Apparatus for heating and handling containers. 2,371,885; Mar. 20.

Gladney, Kurt P.: *See*—
Trevail, C., and Gladney.

Glagovsky, Bernard, assignor to Haverhill Shoe Novelty Company, Haverhill, Mass. Footwear. 2,370,789; Mar. 6.

Glancy, Anna E., Sturbridge, assignor to American Optical Company, Southbridge, Mass. Wide aperture objective. 2,371,165; Mar. 13.

Glanzer, Clarence J., Northfield, assignor to Air-Maze Corporation, Cleveland, Ohio. Liquid bath filter. 2,377,142; May 29.

Glascote Products, Inc: *See*—
Osborn, Henry C., Jr., assignor.

Glaser, Leo B., Cranford, and R. G. Franey, Irvington, assignors to General Instrument Corporation, Elizabeth, N. J. Phonograph recorder. 2,388,964; Nov. 13.

Glaser, Michael, New York, 16, N. Y. Multiple vessel combination. 2,374,092; Apr. 17.

Glaser, Michael, New York, N. Y. Garment hanger. 2,386,603; Oct. 9.

Glashow, Lewis, New York, N. Y. Pipe stopper. 2,378,242; Apr. 10.

Glasoe, Karl M., Jr., Huntington Park, Calif. Savings bond register. 2,382,476; Aug. 14.

Glasoe, Paul K., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic tone correction mask. 2,378,213; June 12.

Glass, Louis, Kew Gardens, N. Y., assignor to Celanese Corporation of America. Composite fabric. 2,377,933; June 12.

Glass, Paul, Chicago, Ill., assignor to Askania Regulator Company. Self-compensating amplifier tube circuit. 2,374,480; Apr. 24.

Glass, Paul, assignor to Askania Regulator Company, Chicago, Ill. Pulsating circuit and control system. 2,386,677; Oct. 9.

Glass, William H., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure motor. 2,379,291; June 26.

Glasser, Charles J., Chicago, Ill. Binoculars with polarized light filters. 2,383,186; Aug. 21.

Glasser, Charles J., Chicago, Ill. Optical testing device and testing. 2,385,503; Sept. 25.

Glasser, Charles J., Chicago, Ill. Combined spectacle and telescope. 2,389,428; Nov. 20.

Glasser, Harry R., et al.: *See*—
Mott, William P., assignor.

Glasser, Philip, New York, N. Y. Preserving tires. 2,370,790; Mar. 6.

Glassner, Mitchel, assignor to Maryland Baking Company, Inc., Baltimore, Md. Jacket removing plug. 2,390,298; Dec. 4.

Glatthaar, Curt: *See*—
Martin, H., Zaeslin, Hirt, Glatthaar, and Staub.

Glaude, Leopold F., Chicago, Ill. Automatic feeding device. 2,388,405; Nov. 6.

Glaude, Leopold F., Chicago, Ill. Lock nut assembler. 2,389,902; Nov. 27.

Gleason, Anthony H., Westfield, N. J., assignor to Standard Oil Development Company. Lubricating composition. 2,366,517; Jan. 2.

Gleason, Anthony H., Westfield, N. J., assignor to Standard Oil Development Company. Lubricants and manufacturing the same. 2,379,229; June 26.

Gleason, Anthony H., Westfield, N. J., assignor to Standard Oil Development Company. Copolymerizates of isoolefins and vinyl halides and preparing the same. 2,379,292; June 26.

Gleason, Anthony H., Westfield, N. J., assignor to Standard Oil Development Company. Lubricating oil composition. 2,380,304; July 10.

Gleason, Anthony H., Westfield, N. J., assignor to Standard Oil Development Company. Lubricating oil composition. 2,380,305; July 10.

Gleason, Anthony H., Westfield, and W. J. Sparks, Elizabeth, N. J., assignors to Standard Oil Development Company. Copolymers of isoolefins and diisobutenyl ring compounds. 2,368,538; Jan. 30.

Gleason, James E., assignor to Gleason Works, Rochester, N. Y. Method and machine for chamfering gears. 2,369,963; Feb. 20.

Gleason Works: *See*—
Bullock, Edward W., assignor.
Candee, A. H., and Carlsen, assignors.
Carlsen, Leonard O., assignor.
Gleason, James E., assignor.
Johanson, Magnus H., assignor.
Johnson, Olaf A., assignor.
McMullen, Frederick E., assignor.
Stewart, Arthur L., assignor.
Wildhaber, Ernest, assignor.
Gledhill, Edward C., Galion, Ohio. Earth mover and bulldozer. 2,387,656; Oct. 23.
Gledhill, John H.: *See*—
Stone, Harry A., assignor.
Gleeson, Murray A., assignor to Crane Co., Chicago, Ill. Spherical plug valve. 2,373,628; Apr. 10.
Gleeson, Murray A., assignor to Crane Co., Chicago, Ill. Pressure sealing joint. 2,384,672; Sept. 11.
Gleim, Clyde E.: *See*—
Clifford, A. M., and Gleim.
Gleim, William E.: *See*—
Kalil, E. O., and Gleim.
Glekler, John T., Cleveland, Ohio, assignor to Air Reduction Company, Incorporated. Fastening device 2,381,047; Aug. 7.
Glendenning, Everett B., Cranford, N. J., assignor to Shell Development Company, San Francisco, Calif. Lubrication indicator. 2,368,593; Jan. 30.
Glenn, Walter H., Los Angeles, Calif. Apparatus for manufacture of compressed clay bodies. 2,373,468; Apr. 10.
Glenny, Arthur P., Amberley, assignor to The Sperry Gyroscope Company Limited, Brentford, Middlesex, England. Automatic control system for aircraft. 2,371,388; Mar. 13.
Glessner, Donald P., assignor to Akron Brass Manufacturing Company, Inc., Wooster, Ohio. Hose coupling. 2,386,109: Oct. 2.
Gleve, Frank J.: *See*—
Stone, M. D., and Gleve.
Glick, Edward G.: *See*—
Weisberger, A. A., and Glick.
Glickauf, Joseph S., Jr.: *See*—
DeCosta, E. J., and Glickauf.
Glickman, Leonard, Miami Beach, Fla. Method of and device for cleaning auto radiators. 2,387,324; Oct. 23.
Glidden, Alfred A., Watertown, Mass., assignor to The B. F. Goodrich Company, New York, N. Y. Decorative surfacing material. 2,383,598; Aug. 28.
Glidden Company, The: *See*—
Burrass, D. N., Jr. and Drapeau, assignors.
Drapeau, Joseph E., Jr., assignor.
Eisengrein, Harry F., assignor.
Huppert, Oskar, assignor.
Julian, P. L., Cole, Magnani and Conde, assignors.
Levinson, A. A., Julian, and Engstrom, assignors.
Moore, Charles G., assignor.
Glike, Frederick C., assignor to International Silver Company, Meriden, Conn. Apparatus for grinding and buffing metallic articles and the like. 2,376,847; May 22.
Glinecki, Casimir F., Syracuse, N. Y. Sketching outfit. 2,372,077; Mar. 20.
Glines, Frederick S., East Lynn, assignor to Lorenz F. Muther, Newton Center, Mass. Machine for forming and reinforcing cutouts. 2,381,818; Aug. 7.
Glitsch, Fritz W., & Sons: *See*—
Glitsch, Hans C. assignor.
Glitsch, Hans C., assignor to Fritz W. Glitsch & Sons, Dallas, Tex. Fastening device. 2,375,409; May 8.
Globe American Corporation: *See*—
Sherman, Alvin G., assignor.
Tolley, D. B., and Hill, assignors.
Globe Company, The: *See*—
Plecki, Frank, assignor.
Globe Hoist Company: *See*—
Thompson, Elmer B., assignor.
Globe Products Manufacturing Company: *See*—
Hellman, Paul, assignor.
Globe Slicing Machine Co. Inc.: *See*—
Waage, John J., assignor.
Globe-Union, Inc.: *See*—
Ehlers, G. M., Coldwell, and Kodama, assignors.
Globe Woven Belting Co.: *See*—
Wetherbee, Burt W., assignor.
Globus, Alfred R., Brooklyn, N. Y., assignor of eleven and one-ninth per cent to O. H. Henry, Caldwell, N. J., eleven and one-ninth per cent to J. C. Hartley, Silver Mine, Norwalk, Conn., and eleven and one-ninth per cent to H. D. Spencer, New York, N. Y. Electrolytically extracting metal. 2,385,269; Sept. 18.
Glock, Charles E., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Making tin plate. 2,384,086; Sept. 4.
Gloor, Walter E., New Brunswick, N. J., assignor to Hercules Powder Company, Wilmington, Del. Cellulose ether composition. 2,389,354; Nov. 20.
Gloss, Gunter H., Redwood City, assignor to Marine Magnesium Products Corporation, South San Francisco, Calif. Manufacture of magnesium products. 2,390,095; Dec. 4.
Glossop, Glenn A., New York, N. Y., assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Treating fatty glycerides. 2,383,599; Aug. 28.
Glotfelty, Edwin H.: *See*—
Fankhouser, L. E., and Glotfelty.
Glover, John H.: *See*—
Callaghan, George H., assignor.
Glover, Ralph M., White Plains, assignor, by mesne assignments, to Box Blank Corporation, New York, N. Y. Carton or container. 2,377,472; June 5.
Glover, W. T., & Company Limited: *See*—
Beaver, C. J., Davey, and Pirie, assignors.
Glower, John H., Chicago, Ill. Extension stepladder. 2,383,962; Sept. 4.
Gluck, Bruno, Elstree, assignor to Dufay-Chromex Limited, London, England. Production of colored photographic images by color-development. 2,387,145; Oct. 16.
Gluckin, Edwin W., Brooklyn, N. Y. Brassière. 2,374,093; Apr. 17.
Gluckin, Harry, New York, N. Y. Brassière. 2,388,535; Nov. 6.
Gluckman, Abraham, Brooklyn, assignor to H. B. Delman, New York, N. Y. Ornamenting materials. 2,368,539; Jan. 30.
Glueck, Samuel: *See*—
Hess, W. C., and Glueck.
Gluesenkamp, Earl W., Centerville, Ohio, assignor to Monsanto Chemical Company. Purification of styrene. 2,370,346; Feb. 27.
Gluhareff, Michael E., Stratford, assignor to United Aircraft Corporation, East Hartford, Conn. Tailless airplane with movable power-plant. 2,384,296; Sept. 4.
Glumer, Gustave V., assignor to Tuerca Victoria, S. A., Mexico City, Mexico. Nonloosening safety nut. 2,376,788; May 22.
Glynn, Edwin A., assignor to Super Mold Corporation of California, Lodi, Calif. Tread vulcanizing mold for tires. 2,370,655; Mar. 6.
Glynn, Edwin A., assignor to Super Mold Corporation of California, Lodi, Calif. Interchangeable matrix tread vulcanizing mold. 2,375,784; May 15.
Glynn, Edwin A., and S. Marvin, assignors to Super Mold Corporation of California, Lodi, Calif. Material screening and feeding mechanism. 2,372,776; Apr. 3.
Gmöhling, Karl: *See*—
Schmidt, M., and Gmöhling.
Gobble, Frank J.: *See*—
Davis, Cecil C., assignor.
Gobin dit Daudé, Jean E. F., Neuilly-sur-Seine, France; vested in the Alien Property Custodian. Riveting tool. 2,376,684; May 22.
Gobin dit Daudé, Jean E. F., Neuilly-Sur-Seine, France; vested in the Alien Property Custodian. Riveting tool. 2,378,546; June 19.
Gobin dit Daude, Jean E. F., Neuilly-sur-Seine, France; vested in the Alien Property Custodian. Fastener for detachably assembling two parts. 2,387,575; Oct. 23.
Goble, Ralph W.: *See*—
Greene, G. B., and Goble, assignors.
Goble, Ralph W., and O. V. Phillips, Long Beach, and D. K. Lippincott, San Francisco, assignors to Leo M. Harvey, La Canada, Calif. Terrain-level altimeter. 2,391,411; Dec. 25.
Goby, Clifford S., Cleveland, assignor of one-half to F. Kramer, Cleveland Heights, Ohio. Internal-combustion engine. 2,380,163; July 10.
Gocher, William S., Fairfield, A. J. Jennings, Bridgeport, Conn., and C. M. Langkammerer, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Rubber products. 2,370,457; Feb. 27.
Gocht, Rudolph C., assignor to The New Britain Machine Company, New Britain, Conn. Toolslide mechanism. 2,369,039; Feb. 6.
Godber, George R., Los Angeles, Calif. Closure means for container filling openings. 2,385,624; Sept. 25.
Goddard, Alfred W., and A. A. Hallett, Toronto, Ontario, Canada. Artificial bait. 2,384,993; Sept. 18.
Goddard, Asa C., Mentor, assignor by mesne assignments, to Jack & Heintz, Inc., Cleveland, Ohio. Rotary recess milling devices. 2,372,374; Mar. 27.
Goddard, Asa C., Mentor, assignor to Jack & Heintz, Inc., Bedford, Ohio. Wire twisting device. 2,391,696; Dec. 25.
Goddard, Asa C., Mentor, and J. J. Seme, Maple Heights, assignors, by mesne assignments, to Jack & Heintz, Inc., Cleveland, Ohio. Bearing race extractor. 2,373,307; Apr. 10.
Goddard, De Witt R., Riverhead, N. Y., assignor to Radio Corporation of America. Rate-of-climb indicator. 2,379,293; June 26.
Goddard, Marcus J.: *See*—
Nagy, P., and Goddard.
Goddard, Myron C.: *See*—
Bascom, H. M., Goddard, and Walsh.
Goddard, Myron C., Garden City, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,367,709; Jan. 23.
Goder, Richard, Chicago, Ill. Incinerator. 2,375,549; May 8.
Godfrey, Charles K., Los Angeles, Calif. Produce display fixture. 2,386,208; Oct. 9.
Godfrey, Donald V.: *See*—
Smith, A. N., and Godfrey.
Godfrey, Edward C., Detroit, Mich. Collet or collet pad. 2,374,192; Apr. 24.

Godfrey, Edwin A., Sacramento, Calif. Paper container for dynamite. 2,383,542; Aug. 28.
Godfrey, Kenneth L.: *See*—
Blake, E. S., and Godfrey.
Godfrey, Lawrence P., Leamington Spa, England, assignor to Borg-Warner Corporation, Chicago, Ill. Friction clutch. 2,366,610; Jan. 2.
Godin, Charles, Portland, Oreg. Protective case for watches. 2,384,549; Sept. 11.
Godlewski, John P., Detroit, Mich. Fishing lure. 2,387,255; Oct. 23.
Godowsky, Leopold, Jr.: *See*—
Mannes, L. D., and Godowsky.
Godsey, Frank W., Jr., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Regulating system. 2,374,008; Apr. 17.
Godshalk, Alva J., Downers Grove, assignor to Inland Steel Container Co., Chicago, Ill. Container. 2,374,481; Apr. 24.
Godshalk, James B., assignor to Leeds & Northrup Company, Philadelphia, Pa. Half cells with thermal barrier. 2,387,727; Oct. 30.
Goebel, Joseph P., Detroit, Mich. Water scoop for locomotive tender. 2,370,347; Feb. 27.
Goepel, C. P.: *See*—
von Blitzingslöwen, Bruno, assignor.
Goepfert, Otto F., Brevard, N. C., assignor to Champagne Paper Corporation. Machine for applying fasteners to paper booklets. 2,390,096; Dec. 4.
Goepfrich, Rudolph A., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,372,322; Mar. 27.
Goepfrich, Rudolph A., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,374,536; Apr. 24.
Goepfrich, Rudolph A., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake actuating means. 2,376,685; May 22.
Goepfrich, Rudolph A., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,376,686; May 22.
Goepfrich, Rudolph A., assignor to Bendix Aviation Corporation, South Bend, Ind. Making brake actuating means. 2,381,736; Aug. 7.
Goepfrich, Rudolph A., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,384,297; Sept. 4.
Goepfrich, Rudolph A., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,389,618; Nov. 27.
Goepfrich, Rudolph A., South Bend, Ind., and J. W. White, Van Nuys, Calif., assignors to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,379,144; June 26.
Goepfrich, Rudolph A., and B. E. House, assignors to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,381,737; Aug. 7.
Goepp, Rudolph M., Jr., New Castle, assignor to Atlas Powder Company, Wilmington, Del. Tobacco compositions. 2,371,389; Mar. 13.
Goepp, Rudolph M., Jr., New Castle, assignor to Atlas Powder Company, Wilmington, Del. Vinyl resin compositions. 2,387,841; Oct. 30.
Goerg, Bernard, Bronxville, assignor to American Radiator & Standard Sanitary Corporation, New York, N. Y. Heating apparatus. 2,386,160; Oct. 2.
Goerz, C. P., American Optical Company: *See*—
Durand, Milo A., assignor.
Kirsch, Paul, assignor.
Goeth, Richard L.: *See*—
Cuyler, R. H., and Goeth.
Goetz, Maurus T., assignor to Teletype Corporation, Chicago, Ill. Printing telegraph apparatus. 2,382,558; Aug. 14.
Goetz, Maurus T., assignor to Teletype Corporation, Chicago, Ill. Telegraph transmitter. 2,388,965; Nov. 13.
Goetze, Max G., East Cleveland, assignor to The Warner & Swasey Company, Cleveland, Ohio. Machine tool. 2,380,747; July 31.
Goetzel, Claus G., assignor to American Electro Metal Corporation, Yonkers, N. Y. Molding under pressure metallic powders. 2,386,604; Oct. 9.
Goff, Harold E., Millbury, Mass., and W. F. Daboll, Greenville, S. C., assignors to Watson-Williams Manufacturing Company, Millbury, Mass. Loom shuttle. 2,377,079; May 29.
Goff, Harold W., Manhasset, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Call transmitter. 2,372,268; Mar. 27.
Goff, Lindsay O., Westbrook, and F. H. Frost, Portland, Maine, assignors, by mesne assignments, to S. D. Warren Company, Boston, Mass. Method of and apparatus for coating sheet material. Re. 22,605; Feb. 20.
Goff, Robert F.: *See*—
Shotwell, H. C., and Goff.
Goff, Robert W., Schenectady, N. Y., assignor to General Electric Company. Switch actuating mechanism. 2,369,964; Feb. 20.
Goff, Robert W., Schenectady, N. Y., assignor to General Electric Company. Electric switch. 2,379,704; July 3.
Goff, Robert W., Schenectady, N. Y., assignor to General Electric Company. Electric switch. 2,390,365; Dec. 4.
Goff, William B., Tucson, Ariz. Bolt action pump gun. 2,368,708; Feb 6.
Goggin, David E., Brooklyn, assignor to F. J. Kennan, Hoboken, N. J. Heating apparatus. 2,387,437; Oct. 23.
Goggin, William C.: *See*—
Hanson, A. W., and Goggin.
Goggin, William C., L. A. Matheson, and A. W. Hanson, assignors to The Dow Chemical Company, Midland, Mich. Apparatus for stretching cordage. 2,372,627; Mar. 27.
Gohlke, Helen: *See*—
Gohlke, Theodore E., assignor.
Gohlke, Theodore E., assignor of one-half to H. Gohlke, Detroit, Mich. Belt drive reversing unit. 2,390,582; Dec. 11.
Gohn, Joseph F: *See*—
Witthoft, Charles H., assignor.
Golan, Leonard J., assignor to E. V. Lapczenski, Buffalo, N. Y. Theft resisting nut and wrench combination. 2,372,269; Mar. 27.
Goland, Philip P., and C. R. Drew, Washington, D. C., assignors of two-fifths to said Goland, two-fifths to said Drew, as trustees, and one-fifth to A. D. Kessler. Surgical needle. 2,389,355; Nov. 20.
Golay, Marcel J. E., Long Branch, N. J. Antiaircraft flare. 2,381,443; Aug. 7.
Gold, Archibald: *See*—
Mendez, Ciro F., assignor.
Gold, Henry, and R. Paul, assignors to I. Gold, Chicago, Ill. Pull toy. 2,380,748; July 31.
Gold, Ira: *See*—
Gold, H., and Paul, assignors.
Gold, Jacob D., Brooklyn, N. Y. Molding composition. 2,371,688; Mar. 20.
Gold, Louis, Brooklyn, assignor to Western Electric Company, Incorporated, New York, N. Y. Method of coating. 2,373,823; Apr. 17.
Gold, Raymond H., and S. Wasserman, assignors of one-third to J. Chaplick, Chicago, Ill. Rotary engine. 2,371,514; Mar. 13.
Gold, Sam, Chicago, Ill., assignor to Einson-Freeman Co., Inc., Long Island City, N. Y. Blinker signaling device. 2,377,414; June 5.
Goldbeck, Martin, Kansas City, Mo. Silo door. 2,367,720; Jan. 23.
Goldberg, Carl, Chicago, Ill., assignor to Comet Model Airplane & Supply Company, Incorporated. Wind tunnel balance. 2,380,516; July 31.
Goldberg, H.: *See*—
Loewe, P. L., and Boyce, assignors.
Scherry, George A., assignor.
Goldberg, Henry, et al.: *See* —
Goldberg, H., and Meyers.
Goldberg, Michael J., Pittsburgh, Pa. Shoe heel. 2,370,951; Mar. 6.
Goldberg, Nathan C., New York, N. Y. Bedspring. 2,371,099; Mar. 6.
Goldberg, Nathan C., New York, N. Y. Spring structure. 2,382,990; Aug. 21.
Goldberg, Simon, New York, N. Y., assignor to Super Electric Products Corp., Jersey City, N. J. High frequency coil. 2,391,563; Dec. 25.
Goldberg, Sydney J.: *See*—
Klemperer, W. B., and Goldberg.
Goldbert, Max L., New York, N. Y. Dispensing device. 2,366,963; Jan. 9.
Goldbert, Max L., New York, N. Y. Atomizer. 2,385,807. Oct. 2.
Goldbert, Max L., New York, N. Y. Atomizer. 2,385,808; Oct. 2.
Goldbert, Max L., New York, N. Y. Display container. 2,391,453; Dec. 25.
Golden, John A., San Diego, Calif. Dowel setting machine. 2,389,773; Nov. 27.
Golden, John V., Stamford, Conn. Watercraft. 2,377,143; May 29.
Golden State Company, Ltd.: *See*—
Manning, P. D. V., and Trone, assignors.
Peebles, David D., assignor.
Goldenberg, Harry, assignor of one-third to H. Goldenberg, and one-third to C. E. Meyers, Philadelphia, Pa. Window construction. 2,383,852; Aug. 28.
Goldfarb, Jacob A., Frankfort, and E. J. Moore, Bowling Green, assignors to Union Underwear Co., Inc., Frankfort, Ky. Shorts. 2,384,165; Sept. 4.
Goldfarb, Samuel J.: *See*—
Kovitz, Pearl B., assignor.
Goldfield, Edwin R., R. C. Schiring, and R. J. Stava, University Heights, assignors to Picker X-Ray Corporation Waite Manufacturing Division, Inc., Cleveland, Ohio. X-ray generating means. 2,369,453; Feb. 13.
Goldfield, Edwin R., R. C. Schiring, and R. J. Stava, University Heights, assignors to Picker X-Ray Corporation Waite Manufacturing Division, Inc., Cleveland, Ohio. Collapsible support for X-ray tubes. 2,369,454; Feb. 13.
Goldfine, Wesley R., assignor to Airoast Corporation, Chicago, Ill. Roasting coffee or the like. 2,381,493; Aug. 7.
Goldman, Harry, New York, N. Y., assignor to Worcester Cap Company, Boston, Mass. Uniform cap. 2,368,825; Feb. 6.

Goldman, Maurice A., New Brunswick, N. J., assignor, by mesne assignments, to Saco-Lowell Shops, Biddeford, Maine. Manufacture of paper. 2,389,254; Nov. 20.

Goldman, Paul R., Andover, Mass. Wooden building construction. 2,380,834; July 31.

Goldman, Paul R., Andover, assignor to Plymold Corporation, Lawrence, Mass. Veneer strip, coils thereof, and preparing same. 2,388,479; Nov. 6.

Goldsborough, Shirley L.: *See*—
Mehring, A. C., and Goldsborough.
Sonnemann, W. K., Mehring, and Goldsborough.

Goldsborough, Shirley L., Basking Ridge, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Carrier relaying. 2,372,078; Mar. 20.

Goldsborough, Shirley L., Basking Ridge, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Loop-type impedance-relay or the like. 2,380,164; July 10.

Goldsborough, Shirley L., Basking Ridge, and A. C. Mehring, East Orange, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Double-loop directional element. 2,380,165; July 10.

Goldsborough, Shirley L., Basking Ridge, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Directional ground preference relaying. 2,381,277; Aug. 7.

Goldsborough, Shirley L., Basking Ridge, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Modified-impedance carrier relay. 2,386,209; Oct. 9.

Goldsby, Arthur R., Beacon, assignor, by mesne assignments, to The Texas Company, New York, N. Y. Conversion of hydrocarbons. 2,370,030; Feb. 20.

Goldsby, Arthur R., Beacon, assignor, by mesne assignments, to The Texas Company, New York, N. Y. Manufacture of motor fuel. 2,383,056; Aug. 21.

Goldsby, Arthur R., Beacon, assignor to The Texas Company, New York, N. Y. Conversion of hydrocarbon oils. 2,387,508; Oct. 23.

Goldschmidt, Max, and J. E. Moyal, assignors to Metalastik Limited, Leicester, England. Hinge joint. 2,367,861; Jan. 23.

Goldsmith, Alfred N., New York, N. Y. Television transmitting system. 2,381,901; Aug. 14.

Goldsmith, Alfred N., New York, N. Y. Television transmitting system. 2,381,902; Aug. 14.

Goldsmith, Alfred N., New York, N. Y. Color television system. 2,389,039; Nov. 13.

Goldsmith, Alfred N., assignor to Radio Corporation of America, New York, N. Y. Wave control circuit. 2,367,116; Jan. 9.

Goldsmith, Alfred N., assignor to Radio Corporation of America, New York, N. Y. Television apparatus. 2,384,260; Sept. 4.

Goldsmith, Bertram J., Neshanic, N. J., assignor to General Ribbon Mills, Inc., New York, N. Y. Automatic article selecting system and apparatus. 2,374,537; Apr. 24.

Goldsmith, Francis H.: *See*—
Dally, R., Goldsmith, and Monroe.

Goldsmith, Thomas T., Jr., Cedar Grove, assignor to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Television film recording and projection. 2,373,114; Apr. 10.

Goldsmith, Thomas T., Jr., Cedar Grove, assignor to Allen B. DuMont Laboratories, Inc., Passaic, N. J. Monitoring device for television systems. 2,391,090; Dec. 18.

Goldsmith, William M., Cincinnati, Ohio. Partition structure. 2,387,389; Oct. 23.

Goldstein, C. M.: *See*—
Parker, Thomas A., assignor.

Goldstein, David D., Pittsburgh, Pa. Sole for footwear. 2,377,144; May 29.

Goldstein, David D., New York, N. Y. Footwear and its manufacture. 2,382,559; Aug. 14.

Goldstein, Eda H., et al., executors: *See*—
Hommel, Oscar.

Goldstein, Ladislas, and F. Perrin, assignors to Canadian Radium & Uranium Corporation, New York, N. Y. Glow discharge lamp. 2,374,677; May 1.

Goldstein, Louis: *See*—
Henry, Robert J., assignor.

Goldstein, Philip, Bridgewater, and H. R. Gillette, Boston, Mass., assignors to Federal Electric Co., Inc., Chicago, Ill. Making a fibrous thermoplastic product. 2,376,687; May 22.

Goldstein, Philip, Bridgewater, and H. R. Gillette, Boston, Mass., assignors to Federal Electric Co., Inc., Chicago, Ill. Thermoplastic fibrous product. 2,376,688; May 22.

Goldstine, Hallan E.: *See*—
Dow, O. E., and Goldstine.

Goldstine, Hallan E., Rocky Point, N. Y., assignor to Radio Corporation of America. Reduction of selective fading. 2,389,356; Nov. 20.

Goldthwait, Charles F., New Orleans, La., assignor to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Producing surgical bandages with improved elastic properties. 2,379,574; July 3.

Golick, Alexander J., and T. W. Dike, assignors to I. F. Laucks, Inc., Seattle, Wash. Plywood and preparing the same. 2,368,466; Jan. 30.

Golick, Joseph: *See*—
Briskin, T. S., and Golick.

Goller, George N., Baltimore, Md., assignor to Rustless Iron and Steel Corporation. Thermocouple tube. 2,384,024; Sept. 4.

Gollmar, Herbert A., Mount Lebanon, assignor, by mesne assignments, to Koppers Company, Incorporated, Pittsburgh, Pa. Gas purification process. 2,379,076; June 26.

Gollmar, Herbert A., Caldwell, N. J., and H. J. Meredith, New York, N. Y., assignors, by mesne assignments, to Koppers Company, Inc. Cyclic process for producing alkali-metal ferrocyanides. 2,375,403; June 19.

Gollwitzer, Walter T., Euclid, Ohio, assignor to Addressograph-Multigraph Corporation, Wilmington, Del. Printing machine. 2,367,395; Jan. 16.

Gollwitzer, Walter T., Euclid, Ohio, assignor to Addressograph-Multigraph Corporation, Wilmington, Del. Printing machine. 2,375,842; May 15.

Gollwitzer, Walter T., Euclid, Ohio, assignor to Addressograph-Multigraph Corporation, Wilmington, Del. Printing machine. 2,390,583; Dec. 11.

Gollwitzer, Walter T., Euclid, assignor to Addressograph-Multigraph Corporation, Cleveland, Ohio. Embossing machine. 2,391,777; Dec. 25.

Golob, John E.: *See*—
Dircksen, A. D., and Golob.

Gomberg, Jacob, Chicago, Ill. Yarn bobbin. 2,371,756 Mar. 20.

Gondek, John T., and R. C. Wilson, assignors to Northern Pump Company, Minneapolis, Minn. Relief valve. 2,375,410; May 8.

Gonser, John C., Lansing, Mich. Meat saw cradle. 2,375,644; May 8.

Gonyou, Eugene: *See*—
Goode, G. C., and Gonyou.
Sherman, V. W., and Gonyou.

Gonzer, Earnest P., Romulus, Mich. Fluid power device. 2,376,536; May 22.

Good, Albert P.: *See*—
Vielehr, O. A., Umsted, and Good.

Good, Frederick C., assignor to Pecora Paint Company, Philadelphia, Pa. Calking gun and operating mechanism therefor. 2,367,346; Jan. 16.

Good, Frederick C., assignor to Pecora Paint Company, Philadelphia, Pa. Calking gun and operating mechanism therefor. 2,367,347; Jan. 16.

Good, John N., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Protection means. 2,367,575; Jan. 16.

Good, Moses B.: *See*—
Breen, W. F., and Good.

Goodale, Elmer D., Bayside, Long Island, N. Y., assignor to Radio Corporation of America. Electrical circuit. 2,370,399; Feb. 27.

Goodale, Lynn C., assignor to Federal Telephone and Radio Corporation, Newark, N. J. Making lead-in seals. 2,384,833; Sept. 18.

Goode, Bruce, assignor of one-half to J. P. McHargue, Midland, Tex. Loading rack. 2,368,016; Jan. 23.

Goode, Gilbert C., Birmingham, and E. Gonyou, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Two speed generator drive. 2,375,785; May 15.

Goode, Joseph T., assignor to H. A. Bell, Los Angeles, Calif. Attenuator. 2,388,049; Oct. 30.

Goodell, Edward G., Stevens Point, Wis. Method and apparatus for recovering inorganic by-products from waste pulp liquor. 2,391,566; Dec. 25.

Goodhue, William V.: *See*—
Bell, C. C., and Goodhue.

Goodhue, William V., Ipswich, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Mounting. 2,389,726; Nov. 27.

Gooding, Chester M., Staten Island, assignor, by mesne assignments, to The Best Foods, Inc., New York, N. Y. Inhibiting growth of molds. 2,379,294; June 26.

Goodings, Eric P., and M. A. T. Rogers, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Manufacture of new coloring matters. 2,385,855; Oct. 2.

Goodlake, Frederick D., Heth, Ark. Spring wheel. 2,380,749; July 31.

Goodloe, Alfred M., Montclair, assignor to Metal Textile Corporation, West Orange, N. J. Producing a filter medium. 2,382,560; Aug. 14.

Goodloe, Alfred M., Montclair, and L. A. Kisch, Little Falls, assignors to Metal Textile Corporation, West Orange, N. J. Detachably mounting strainer bags. 2,381,949; Aug. 14.

Goodman, Harry, Britton, and R. M. Wolfe, Oklahoma City, Okla. Electrical switch. 2,373,557; Apr. 10.

Goodman, James T., Louisville, Ky. Pouring dispenser. 2,368,540; Jan. 30.

Goodman, Kenneth C., Columbus, Ohio. Locking means for race horse starting gates. 2,381,903; Aug. 14.

Goodman, Leo A., assignor of one-half to Marcleph & Co. Inc., Brooklyn, N. Y. Reinforced artificial casing for food products. 2,384,462; Sept. 11.

Goodman Manufacturing Company: *See*—
Andershock, Chester E., assignor.
Arentzen, Einar M., assignor.
Barry, Robert L., assignor.
Beck, William R., assignor.
Bergmann, Ernst R., assignor.
Bigelow, Roy S., assignor.
Cartlidge, Frank, assignor.
Doberstein, Edward J., assignor.
Holstein, John H., assignor.
Madeira, John R., assignor.
McCullough, William T., assignor.
Sloane, William W., assignor.
Wood, Claude O., assignor.

Goodman, Martin, New York, and D. Lance, Brooklyn, assignors to The Neatform Co. Inc., New York, N. Y. Lady's panty. 2,382,477; Aug. 14.

Goodman, Morris, Miami Beach, Fla. Display holder for brooches. 2,390,688; July 31.

Goodman, Willard B., Los Angeles, Calif., assignor to Wright Aeronautical Corporation. Internal-combustion engine. 2,366,852; Jan. 9.

Goodmans Industries Limited: *See*—
Miller, John W., assignor.

Goodrich, B. F., Company, The: *See*—
Alexander, C. H., and Tucker, assignors.
Beebe, John D., assignor.
Browning, George L., Jr., assignor.
Browning, G. L., Jr., Stewart, and Zwicker, assignors.
Browning, G. L., Jr., and Zwicker, assignors.
Cerny, Elmer J., assignor.
Colley, R. S., and Krupp, assignors.
Collier, William B., assignor.
Compton, Jack, assignor.
Craig, David, assignor.
Crawford, Richard A., assignor.
Davis, Edward A., assignor.
Davis, Herbert L., assignor.
Flink, John H., assignor.
Fryling, Charles F., assignor.
Fryling, C. F., and Semon, assignors.
Garvey, Benjamin S., Jr., assignor.
Gibbs, Carlin F., assignor.
Glidden, Alfred A., assignor.
Gresham, Thomas L., assignor.
Gruber, Elbert E., assignor.
Hahn, Stuart H., assignor.
Harrison, Stuart A., assignor.
Hasselquist, Victor H., assignor.
Hasselquist, V. H., and Freeman, assignors.
Herzegh, Frank, assignor.
Hunter, Willson H., assignor.
Jansen, Jacob E., assignor.
Jones, Paul C., assignor.
Kmentt, Waldemar D., assignor.
Krotz, Alvin S., assignor.
Krupp, Carroll P., assignor.
Küng, Frederick E., assignor.
Kung, Frederick E., assignor.
Leguillon, C. W., and Young, assignors.
Macey, Joseph H., assignor.
Mayne, Robert, assignor.
Martin, Frederick H., assignor.
Mathes, Roger A., assignor.
Morgan, Burton D., assignor.
Peterson, E., and Merrill, assignors.
Purdon, James R., assignor.
Rehner, John, Jr., assignor.
Reimel, Samuel R., assignor.
Sarbach, Donald V., assignor.
Sauser, Doran E., assignor.
Schanz, George H., assignor.
Schoenfeld, Frank K., assignor.
Semon, Waldo L., assignor.
Semon, W. L., and Craig, assignors.
Semon, W. L., and Fryling, assignors.
Semon, W. L., and Stewart.
Semon, W. L., and Stewart, assignors.
Sloan, Arthur W., assignor.
Smith, John A., assignor.
Spicer, Alvin W., assignor.
Starner, Irving F., assignor.
Sternad, F. S., and Sapp.
Sternad, F. S., and Sapp, assignors.
Stewart, William D., assignor.
Stewart, W. D., assignor.
Stewart, W. D., and Zwicker, assignors.
Stover, Albert M., assignor.
Taft, George H., assignor.
Taylor, Myron L., assignor.
Tritt, Forest G., assignor.
Trockle, F. E., McClellan, and Simpson, assignors.
Tucker, Harold, assignor.
Wigal, Voorhis F., assignor.
Young, Harvey L., assignor.
Zwicker, Benjamin M. G., assignor.
Zwicker, B. M. G., and Stewart, assignors.

Goodrich, Chauncey M: *See*—
Davies, G. V., Parr, and Goodrich.

Goodrich, Hobert R., Glendale, and G. Sucetti, Huntington Park, Calif., assignors to Universal Zonolite Insulation Co., Chicago, Ill. Waterproofed lightweight materials and their manufacture. 2,377,491; June 5.

Goodrich, Robert R., Merchantville, N. J., assignor to Radio Corporation of America. Current limiter. 2,384,087; Sept. 4.

Goodson, Louis H.: *See*—
Walter, L. A., and Goodson.

Goodwin, Alfred E., Ottumwa, Iowa. Inking mechanism for duplicating machines. 2,387,390; Oct. 23.

Goodwin, Carl W., Plainfield, N. J., assignor to American Seal-Kap Corporation of Delaware, Wilmington, Del. Paper article and forming it. 2,368,920; Feb. 6.

Goodwin, Carl W., North Plainfield, N. J., assignor to American Seal-Kap Corporation of Delaware, Wilmington, Del. Die press. 2,371,580; Mar. 13.

Goodwin, Carl W., North Plainfield, N. J., assignor to American Seal-Kap Corporation of Delaware, Wilmington, Del. Paper screw cap. 2,382,873; Aug. 14.

Goodwin, Carl W., North Plainfield, N. J., and H. W. Martin, Malverne, N. Y., assignors to American Seal-Kap Corporation of Delaware, Wilmington, Del. Forming press. 2,371,581; Mar. 13.

Goodwin, Carl W., North Plainfield, N. J., and H. W. Martin, Malvern, N. Y., assignors to American Seal-Kap Corporation of Delaware, Wilmington, Del. Hood closure cap. 2,379,959; July 10.

Goodwin, Donald W., assignor to Chiksan Tool Company, Brea, Calif. Controlled swivel joint. 2,388,841; Nov. 13.

Goodwin, Eugene W., Bethesda, Md. Sectional sliding door. 2,373,023; Apr. 3.

Goodwin, George I., Detroit, Mich. Clutch plate. 2,380,835; July 31.

Goodwin, Henry C., Galveston, Tex. Time controlled selector mechanism for radio receivers. 2,366,726; Jan. 9.

Goodwin, Raymond W., Cleveland Heights, Ohio, assignor to General Electric Company. Glass composition. 2,389,305; Nov. 20.

Goodwin, Thomas F., Muldrow, Okla. Attachment for musical string instruments. 2,380,689; July 31.

Goodyear Aircraft Corporation: *See*—
Klingensmith, John P., assignor.

Goodyear, Charles H., Stockton, assignor to Fibreboard Products Inc., San Francisco, Calif. Container. 2,387,325; Oct. 23.

Gookin, Sylvester R., Marshfield, Mass, assignor to United Shoe Machinery Corporation, Flemington, N. J. Rivet. 2,369,670; Feb. 20.

Gookin, Sylvester L., Quincy, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Fastener inserting machine. 2,374,345; Apr. 24.

Gookin, Sylvester L., Quincy, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Raceway clearing device. 2,390,066; Dec. 4.

Goran, Steven J., assignor to The Louis Allis Company, Milwaukee, Wis. Making cast squirrel cage rotors. 2,368,295; Jan. 30.

Goran, Steven J., assignor to The Louis Allis Company, Milwaukee, Wis. Rotor construction. 2,368,296; Jan. 30.

Goran, Steven J., assignor to The Louis Allis Company, Milwaukee, Wis. Cast squirrel cage rotor. 2,370,458; Feb. 27.

Gordineer, Percy J., and G. J. McInnis, Niagara Falls, N. Y. Fluid system interconnector. 2,375,914; May 15.

Gordon, Britton L.: *See*—
Day, R. O., and Gordon.

Gordon, Chester S., Boonton, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Armored conductor structure. 2,372,323; Mar. 27.

Gordon, David, Bridgeport, Conn. Device for aiding night vision. 2,374,991; May 1.

Gordon, Donald B.: *See*—
Halicki, W. A., and Gordon.

Gordon, Harry W., Worcester, assignor to United States Envelope Company, Springfield, Mass. String binder assemblage and package. 2,382,143; Aug. 14.

Gordon, Herman L., Silver Spring, Md. Wire connector. 2,370,725; Mar. 6.

Gordon, Herman L., Silver Spring, Md. Piezoelectric crystal holder. 2,380,592; July 31.

Gordon, Hiram, assignor to The Walker T. Dickenson Company, Columbus, Ohio. Shoe and producing the same. 2,369,226; Feb. 13.

Gordon, John, Seattle, Wash. Spring blade reamer. 2,380,517; July 31.

Gordon, Murray: *See*—
Wulstein, Charles, assignor.

Gordon, Reuben, Jamaica, N. Y. Wire-stripping device. 2,383,479; Aug. 28.

Gordon, Ronald A., New York, N. Y. Roll for typewriters. 2,389,499; Nov. 20.

Gordon, Samuel, Stamford, Conn. Dental plate container. 2,375,645; May 8.

Gordon, William A., Shelton, assignor to Farrel-Birmingham Company, Inc., Ansonia, Conn. Treating rubber. 2,370,952; Mar. 6.

Gordon, William G., assignor to Smith, Kline & French Laboratories, Philadelphia, Pa. Separation of protein from animal matter containing protein in water-soluble form. 2,377,624; June 5.

Gore, Albert J., Washington, D. C. Attachment for filing cases. 2,369,348; Feb. 13.

Gore, John H.: *See*—
Winkler, A. H., and Gore.

Gore, Linn A., Schenectady, N. Y., assignor to General Electric Company. Governing mechanism. 2,367,209; Jan. 16.

Gore, Lloyd B., Vancouver, British Columbia, Canada. Alarm device for internal-combustion engines. 2,380,643; July 31.

Gorey, Archie H., L. D. Nadel, R. J. Nitsch, and O. Steiner, assignors to The Folmer Graflex Corporation, Rochester, N. Y. Automatic aerial camera. 2,371,592; Mar. 13.

Gorey, Archie H., L. D. Nadel, and R. J. Nitsch, assignors to The Folmer Graflex Corporation, Rochester, N. Y. Motor-driven shutter-release mechanism for automatic cameras. 2,371,593; Mar. 13.

Gorin, Everett, Dallas, Tex., assignor, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Anhydrous halogen acids. 2,382,788; Aug. 14.

Gorin, Manuel H., Dallas, Tex., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Catalytic process. 2,383,123; Aug. 21.

Gorman, John P., Stratford, Conn. Grinding chasers. 2,371,515; Mar. 13.

Gorman, William R., New York, N. Y. Holding and applying cosmetic to the lips. 2,372,777; Apr. 3.

Gormly, Horace C., Alhambra, Calif., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Controlling gasoline stabilizer operation. 2,367,862; Jan. 23.

Gorsuch, Robert A., Gambier, Ohio. Game and game apparatus. 2,366,782; Jan. 9.

Gorton, Edward S., Mobile, Ala. Packing means for harvested vegetables. 2,386,308; Oct. 9.

Gorton, Edward S., Waterville, Maine. Separator. 2,391,412; Dec. 25.

Gorton, George, Machine Co.: *See*—
Miller, Theodore, assignor.

Gorton, Robert E., assignor to United Aircraft Corporation, East Hartford, Conn. Resilient mount. 2,377,492; June 5.

Gorton, Walter T., Springfield, Mass. Pressure gauge. 2,372,195; Mar. 27.

Gorton, William S., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Selector switch. 2,374,992; May 1.

Goshorn, Roland H., Trenton, Mich., assignor to Sharples Chemicals Inc., Philadelphia, Pa. Manufacture of amines. 2,389,500; Nov. 20.

Gosnell, Earl J.: *See*—
Kantrowitz, M. S., and Gosnell, assignors.

Goss Printing Press Company, The: *See*—
Crafts, Curtis S., assignor.
Harless, Charles A., assignor.
Taylor, A., and Worthington, assignors.
Whitehead, William A., assignor.
Worthington, Emory W., assignor.

Goss, Worth C., assignor to W. A. Carlisle, Sr., Seattle, Washington. Apparatus for preparation of carbon. 2,390,067; Dec. 4.

Gossard, H. W., Co., The: *See*—
Wipperman, H., and Martin, assignors.

Gosselin, Wilfred J., Methuen, Mass., assignor to U. S. Bobbin & Shuttle Co., Providence, R. I. Shuttle. 2,387,438; Oct. 23.

Gossiau, Fritz, Berlin-Charlottenburg, and J. Schmidt, Berlin-Eichkamp, Germany; vested in the Alien Property Custodian. Aircraft engine control. Re. 22,661; Aug. 7.

Gossiau, Fritz, Berlin-Charlottenburg, J. Schmidt, Berlin-Eichkamp, and G. Weiche, Berlin-Reinickendorf, Germany; vested in the Alien Property Custodian. Charge former. 2,369,665; Feb. 20.

Gossiau, Fritz, Berlin-Charlottenburg, J. Schmidt, Berlin-Eichkamp, and W. Zarnack, Berlin-Charlottenburg, Germany; vested in the Alien Property Custodian. Device for regulating internal-combustion engines. 2,382,707; Aug. 14.

Gossling, Clement E., Toronto, Ontario, Canada, assignor to Rogers Majestic Corporation, Dover, Del. Speed control system. 2,390,144; Dec. 4.

Gotberg, Harry H., assignor to Colonial Broach Company, Detroit, Mich. Apparatus for broaching. 2,372,823; Apr. 3.

Gotberg, Harry H., assignor to Colonial Broach Company, Detroit, Mich. Broach sharpening machine. 2,388,785; Nov. 13.

Gotha, Daniel F., assignor to O. S. Walker Co. Inc., Worcester, Mass. Fabrication of electric chucks. 2,388,737; Nov. 13.

Gotham, Maximillian, Great Neck, N. Y. Depilatory pad. 2,377,774; June 5.

Göthberg, Karl E. A., J. T. Ruist, and J. H. E. Thorén, Goteborg, Sweden, assignors, by mesne assignments, to SKF Industries, Inc., Philadelphia, Pa. Pneumatic lubricating device. 2,367,721; Jan. 23.

Gott, Gordon E.: *See*—
Habib, E. E., and Gott.

Gottfried, Eva E., administratrix: *See*—
Gottfried, Steven S.

Gottfried, Jacob B.: *See*—
Monte, R. N., and Gottfried.

Gottfried, Steven S., deceased; E. E. Gottfried, administratrix, assignor to Bureau for Financial Advice, Inc., New York, N. Y. Treating furs. 2,383,963; Sept. 4.

Gotthoffer, Nathan R.: *See*—
Epstein, C. H., and Gotthoffer.

Gottlieb, Harold A., Brooklyn, N. Y. Collapsible shipping and display carton. 2,375,843; May 15.

Gottlieb, Manious, Philadelphia, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Flow control apparatus. 2,380,836; July 31.

Gottlieb, Manious, Philadelphia, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Governor apparatus. 2,385,201; Sept. 18.

Gottlieb, Manious, Philadelphia, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control apparatus. 2,389,040; Nov. 13.

Gottlieb, Nathan: *See*—
Reardon, J. D., and Gottlieb.

Gottschalk, Frederick W., and H. W. Angell, Chicago, Ill., assignors to American Lumber & Treating Co. Kiln drying. 2,380,518; July 31.

Gottwald, Christian, Cleveland Heights, assignor to The Ric-wil Company, Cleveland, Ohio. Expansion means. 2,378,214; June 12.

Götzlinger, Julius, Vasteras, Sweden. Snow hurler. 2,369,293; Feb. 13.

Gougeon, Russell A., Ecorse, Mich. Thermal responsive device. 2,367,117; Jan. 9.

Gould, Charles: *See*—
Dial, W. R., and Gould.

Gould, David F.: *See*—
Maguire, J. B., and Gould.

Gould, David F., Riverton, N. J., assignor, by mesne assignments, to Allied Chemical & Dye Corporation. Production of high-purity aromatic hydrocarbons. 2,389,041; Nov. 13.

Gould & Eberhardt: *See*—
Davenport, Granger, assignor.
Zimmermann, William F., assignor.

Gould, Franklin M.: *See*—
Pizzirani, D. A., Gould, and Avedikian.

Gould, Gardner S., Lunenburg, Mass. Apparatus for grinding duplicate parts. 2,372,824; Apr. 3.

Gould, Joseph A., Philadelphia, Pa. Felting method and machine. 2,372,484; Mar. 27.

Gould, William L., Albany, N. Y. Shoe or similar footwear. 2,379,000; June 26.

Goulding, John P.: *See*—
Conn, R. C., Adams, and Goulding.
Lecher, H. Z., and Goulding.
Lecher, H. Z., Goulding, and Parker.

Goulding, John P., Neshanic Station, N. J., assignor to American Cyanamid Company, New York, N. Y. Separation of aromatic amines from iron sludge. 2,385,504; Sept. 25.

Goulds Pumps, Inc.: *See*—
Landberg, Erik G., assignor.
Mann, John, assignor.

Goulooze, Martin J., Grand Rapids, assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,371,987; Mar. 20.

Gove, Otis N., and L. L. Miller, Cranford, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Routing apparatus. 2,380,750; July 31.

Government of the United States, as represented by the Secretary of the Interior: *See*—
Dean, Reginald S., assignor.

Gowland, John P., Woking, England. Apparatus for casting hollow metal articles. 2,380,751; July 31.

Grabau, Martin: *See*—
Land, E. H., and Grabau.

Grabau, William C., Brighton, Mass., assignor to Submarine Signal Company, Boston, Mass. Voltage regulator. 2,367,210; Jan. 16.

Grabau, William C., assignor to Submarine Signal Company, Boston, Mass. Voltage regulator. 2,390,214; Dec. 4.

Grabb, Raymond W.: *See*—
Boyles, H., and Grabb.

Gräbener, Heinz, Cologne-Ehrenfeld, Germany; vested in the Alien Property Custodian. Closure for containers. 2,382,051; Aug. 14.

Graber, John N., Madison, Wis. Traverse rod. 2,369,227; Feb. 13.

Grabowski, Joseph: *See*—
Schroy, P. C., Grabowski, and Scott.

Grabus, Andrew P., Jr., and A. H. Warth, assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Sealing containers. 2,387,439; Oct. 23.

Grabus, Paul, Jr.: *See*—
Warth, A. H., and Grabus.

Gracey, James H., Springfield, Mass. Expansion reamer. 2,381,899; Aug. 14.

Grad, Adolf R., Wauwatosa, assignor to The Oilgear Company, Milwaukee, Wis. Control for hydraulic transmissions. 2,368,017; Jan. 23.

Grad, Adolf R., Wauwatosa, assignor to The Oilgear Company, Milwaukee, Wis. Surface broaching machine. 2,372,825; Apr. 3.

Gradisar, Albin A.: *See*—
Guellich, G. E., and Gradisar.
Peck, W. F., and Gradisar.

Grady, Elizabeth A.: *See*—
Clifford, Theodore A., assignor.

Grady, Jessie B., Pasadena, Calif. Airplane propeller. 2,373,825; Apr. 17.

Grady, Thomas R., assignor, by mesne assignments, to The Walk-A-Chair Corporation, Washington, D. C. Wheeled invalid chair. 2,369,040; Feb. 6.

Graenacher, Charles: *See*—
Albrecht, O., Graenacher, and Salimann.

Graenacher, Charles, Riehen, R. Salimann, Bottmingen, O. Albrecht, Muenchenstein, and J. Frei, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Improving fibrous material and the material treated by such process. 2,370,031; Feb. 20.

Graenacher, Charles, Riehen, R. Salimann, Bottmingen, and J. Frei, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Hydrazides containing hydroxyalkyl radicals and making same. 2,371,133; Mar. 13.

Graenacher, Charles, Riehen, and P. Streuli and J. Meyer, assignors to the Swiss Company of Society of Chemical Industry in Basle, Basel, Switzerland. Derivatives of sulphonated amines and process of preparing same. 2,376,911; May 29.

Grafton, Corydon M., Grosse Pointe, Mich., assignor to United States Rubber Company, New York, N. Y. Rubber bonding medium. 2,373,308; Apr. 10.

Graham, Adelbert M.: *See*—
Johnston, M. O., Andrew, Graham, and Smith.

Graham, Arthur K., Jenkintown, Pa., and C. V. Smith and F. P. Williams, assignors to The Univis Lens Company, Dayton, Ohio. Plating rack for optical dies. 2,372,567; Mar. 27.

Graham, Benjamin O., St. Louis, Mo. Water silencer. 2,377,011; May 29.

Graham, David P.: *See*—
Vroom, R. C., and Graham.

Graham, Donald P., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of anthraquinonylamino substitution derivatives of cyanuric chloride. 2,373,826; Apr. 17.

Graham, Frank M., Indianapolis, Ind. Fan wheel. 2,375,220; May 8.

Graham, George M., Detroit, assignor to Hinckley-Myers Division of Kent-Moore Organization, Inc., Jackson, Mich. Tensiometer. 2,368,757; Feb. 6.

Graham, George M., Detroit, assignor to Hinckley-Myers Division of Kent-Moore Organization Inc., Jackson, Mich. Puller tool. 2,374,861; May 1.

Graham, Harold J., Boston, Mass. Motor starting circuits and resistance unit for use therein. 2,384,025; Sept. 4.

Graham, James B., Mount Lebanon, Pa., assignor to National Tube Company. Pipe joint. 2,380,690; July 31.

Graham, Maurice H., St. Louis Park, Minn. Process and apparatus for making infusions. 2,385,132; Sept. 18.

Graham, Robert C., Rome, assignor to General Cable Corporation, New York, N. Y. Connector. 2,389,255; Nov. 20.

Graham, Robert E., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Television system. 2,378,547; June 19.

Graham Transmissions Inc.: *See*—
Jones, Lloyd E., assignor.

Graham, Virginia S., Los Angeles, Calif. Hair waving device. 2,377,877; June 12.

Graham, Walter A.: *See*—
Whittaker, C. C., and Graham.

Graham, William F., Birmingham, Ala. Awning and operating means therefor. 2,378,139; June 12.

Graham, William R., Jr., Kansas City, Kans., and C. W. McCarty, assignors to American Dairies, Incorporated, Kansas City, Mo., and to The Quaker Oats Company, Chicago, Ill. Composition for producing a dark colored brew from legumes. 2,369,041; Feb. 6.

Graham, William R., Jr., Kansas City, Kans., and C. W. McCarty, assignors to American Dairies, Incorporated, Kansas City, Mo., and to The Quaker Oats Company, Chicago, Ill. Composition for producing a dark colored brew from grasses. 2,369,042; Feb. 6.

Graham, William R., Jr., Kansas City, Kans., and E. E. Frye, assignors to American Dairies, Incorporated, Kansas City, Mo., and The Quaker Oats Company, Chicago, Ill. Grass composition for producing a potable brew. 2,376,049; May 15.

Gralow, Bruce B., New Brunswick, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of hydroquinone. 2,373,887; Apr. 17.

Gramelspacher, Clarence U., assignor to Jasper Wood Crafters, Inc., Jasper, Ind. Veneer molding process. Re. 22,687; Nov. 6.

Granberg, Bengt R., and G. H. Ekstrom, assignors to Sundstrand Machine Tool Co., Rockford, Ill. Feed screw mechanism. 2,371,045; Mar. 6.

Grand Rapids Hardware Company: *See*—
Viehweger, August, assignor.

Grand Specialties Company: *See*—
Saagen, Anthony M., assignor.

Grandel, Felix, Emmerich, Rhine, Germany; vested in the Alien Property Custodian. Preparation of anhydrous compounds of the pentitols. 2,375,915; May 15.

Grandmaison, Denis, Markstay, Ontario, Canada. Universal joint and ratchet device. 2,378,369; June 12.

Grandstaff, Otho D., Oak Park, Ill., assignor to Automatic Electric Laboratories, Inc. Line detecting apparatus. 2,387,897; Oct. 30.

Granholm, Robert A., Lyndhurst, Ohio. Anchorage screw bushing. 2,376,689; May 22.

Grannan, Clara M., Indianapolis, Ind. Cap. 2,381,738; Aug. 7.

Granqvist, Carl-Erik, assignor to Aga-Baltic Aktiebolag, Stockholm, Sweden. Distance measuring device. 2,371,988; Mar. 20.

Granqvist, Carl-Erik, assignor to Aga-Baltic Aktiebolag, Stockholm, Sweden. Radio direction finding system. 2,388,263; Nov. 6.

Granstedt, Karl E., assignor to Aktiebolaget Formator, Stockholm, Sweden. Packing cigars. 2,370,791; Mar. 6.

Granstedt, Karl E., assignor to Aktiebolaget Formator, Stockholm, sweden. Wrapper carrier in cigar machines. 2,379,575; July 3.

Grant Building, Incorporated: *See*—
Strassburger, Wm. J., and Hunter, assignors.

Grant, David, Dayton, Ohio. Pressure unloading valve. 2,375,411; May 8.

Grant, Donald C., Los Angeles, Calif. Sweater drier. 2,378,922; June 26.

Grant, Harry C., Jr., New York, N. Y., assignor to Specialties Development Corporation, Bloomfield, N. J. Indicator for control means. 2,367,674; Jan. 23.

Grant, Harry C., Jr., New York, N. Y., assignor to Specialties Development Corporation, Bloomfield, N. J. Pressure operated system. 2,368,212; Jan. 30.

Grant, Harry C., Jr., New York, N. Y., assignor to Specialties Development Corporation, Bloomfield, N. J. Fire extinguishing system. 2,378,404; June 19.

Grant, Harry C., Jr., New York, N. Y., assignor to Specialties Development Corporation, Bloomfield, N. J. Control head. 2,386,210; Oct. 9.

Grant, Harry C., Jr., New York, N. Y., assignor to Specialties Development Corporation, Bloomfield, N. J. Electrically actuated cartridge. 2,386,211; Oct. 9.

Grant, Harry C., Jr., New York, N. Y., and W. A. Y. Thomsen, Montclair, assignors to Specialties Development Corporation, Bloomfield, N. J. Container gauge. 2,376,353; May 22.

Grant, Harry C., Jr., New York, N. Y., and W. A. V. Thomsen, Glen Ridge, assignors to Specialties Development Corporation, Bloomfield, N. J. Machine gun charger. 2,384,834; Sept. 18.

Grant, Jesse R., Chicago, Ill. Egg packing material. 2,378,627; June 19.

Grant, John M., South Pasadena, Calif. Drill pipe protector. 2,368,415; Jan. 30.

Grant, Joseph L., Jackson County, assignor to Koch Butchers' Supply Company, North Kansas City, Mo. Structure to be porcelained and producing same. 2,370,304; Feb. 27.

Grant, Stewart M.: *See*—
Brown, H. E., and Grant.

Granville, Joseph D., Los Angeles, Calif. Sheet material joint. 2,374,743; May 1.

Grapes, Frank E., assignor to Universal Oil Products Company, Chicago, Ill. Liquid level indicator. 2,383,187; Aug. 21.

Graphic Microfilm Service, Inc.: *See*—
Place, Robert, assignor.

Graton & Knight Company: *See*—
Carter, Latt J., assignor.

Grauc, Arno, San Francisco, Calif. Sanitary medium. 2,371,390; Mar. 13.

Grauel, Ernest H.: *See*—
Hammond, E. H., and Grauel.

Graumann, Raymond L., Alexandria, Va., and M. W. Fischer, Washington, D. C. Delay element for fuses. 2,381,900; Aug. 14.

Graumlich, George D., Miami, Fla. Device for installing and removing tubular lamps and the like. 2,388,137; Oct. 30.

Grause, Albert, Covington, Ky. Connecting device for aircraft catapults. 2,369,455; Feb. 13.

Gravenstine, George E., assignor to The S. H. Thomson Manufacturing Company, Dayton, Ohio. Spotlamp. 2,377,493; June 5.

Gravenstine, George E., assignor to The S. H. Thomson Manufacturing Company, Dayton, Ohio. Spotlamp. 2,380,040; July 10.

Graver Tank & Mfg. Co., Inc.: *See*—
Felsecker, John J., assignor.
Kamp, E. A., and Prager, assignors.
Marner, Charles L., assignor.
Ulm, Reign C., assignor.
Welp, Edward W., assignor.
Wilkin, Lester A., assignor.

Graves, Arnold, Surbiton, and G. A. R. Tomes, West Wickham; said Tomes assignor to Alltools, Limited, Brentford, England. Thermocouple. 2,381,819; Aug. 7.

Graves, Charles W., Arlington, Mass. Heating system. 2,387,576; Oct. 23.

Graves, Earl C., Trowbridge, Calif. Supplemental feed for drapers. 2,389,193; Nov. 20.

Graves, Eldon F.: *See*—
Knutson, A. T., and Graves.

Graves, Frederick, St. Louis, Mo. Portable electric heater. 2,379,705; July 3.

Graves, Harold K., Tenafly, N. J. Abrasion resistance testing apparatus for insulated wire. 2,373,115; Apr. 10.

Graves, Herbert C., Jr., West Chester, assignor to I. T. E. Circuit Breaker Company, Philadelphia, Pa. Contact materials. 2,370,400; Feb. 27.

Graves, Herbert C., Jr., West Chester, assignor to I.-T.-E. Circuit Breaker Company, Philadelphia, Pa. Circuit breaker. 2,372,778; Apr. 3.

Graves, Theodore E., Orange, assignor to The Wilcolator Company, Elizabeth, N. J. Electric switch. 2,390,145; Dec. 4.

Graves, William H., Huntington Woods, assignor to Packard Motor Car Company, Detroit, Mich. Engine connecting rod and securing parts together. 2,371,614; Mar. 20.

Graviner Manufacturing Company Limited: *See*—
Mathisen, Anders, assignor.

Gray, Agnes, administratrix: *See*—
Gray, Edward.

Gray, David E., assignor to Corning Glass Works, Corning, N. Y. Reheating and reforming of glass articles. 2,367,495; Jan. 16.

Gray, David E., assignor to Corning Glass Works, Corning, N. Y. Glass working machine. 2,382,052; Aug. 14.

Gray, Donald C., Rose Township, assignor to American Hoist & Derrick Company, St. Paul, Minn. Material handling apparatus. 2,370,856; Mar. 6.

Gray, E. J., et al., trustee: *See*—
Bunting, Albert L., assignor.

Gray, Earl: *See*—
McCullough, F., and Gray.

Gray, Edward, deceased, Detroit, by A. Gray, Grosse Pointe Park, Mich. Locomotive. 2,386,679; Oct. 9.

Gray, Edward, deceased, Detroit, by A. Gray, Grosse Pointe Park, Mich., administratrix. Locomotive power drive. 2,387,843; Oct. 30.

Gray, G. A., Company, The: *See*—
Marx, Graham E., assignor.
Walter, John M., assignor.

Gray, George R., Houston, Tex., assignor to Standard Oil Development Company. Drilling fluid. 2,369,560; Feb. 13.

Gray, Harvey C., Hamilton, Ohio. Folding chair. 2,385,072; Sept. 18.

Gray, Hugh W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Alkyd resins. 2,374,598; Apr. 24.

Gray Iron Research Institute, Inc.: *See*—
Krause, Daniel E., assignor.

Gray, Joan, Cleveland, Ohio. Dish drainer. 2,378,628; June 19.

Gray, Kenneth N., assignor of one-half to E. Bogard, Akron, Ohio. Electric welding apparatus. 2,374,930; May 1.

Gray, Kenneth R.: *See*—
Schlosser, P. H., and Gray.

Gray Manufacturing Company, The: *See*—
Clausen, Henry P., assignor.
Johnston, William E., assignor.

Gray, Newenham A.: *See*—
Payzer, S. D., and Gray.

Gray Processes Corporation, The: *See*—
Carlson, Lawrence, assignor.

Gray, Reid B., Dundalk, assignor to The Glenn L. Martin Company, Middle River, Md. Hidden barrier. 2,381,739; Aug. 7.

Gray, Roy O., assignor of one-half to C. F. Gillette, Denver, Colo. Metals recovery apparatus. 2,381,157; Aug. 7.

Gray, Thomas C., Washington, D. C. Motion picture theater. 2,380,837; July 31.

Gray, Walter L., assignor of one-half to F. E. Feltes, Arcadia, Wis. Clothesline reel. 2,385,570; Sept. 25.

Gray, Worth, Wheaton, assignor to Standard Oil Company, Chicago, Ill. Coal spray oil. 2,383,543; Aug. 28.

Graybrook, Herbert W.: *See*—
Swanson, William H., and Graybrook.

Graybrook, Herbert W., Irwin, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Commutator processing. 2,379,145; June 26.

Graydon, Sterling, Jr., Hartford, and H. N. Bliss, Windsor, assignors to Veeder-Root Incorporated, Hartford, Conn. Resettable counter. 2,382,708; Aug. 14.

Grays Harbor Chair & Mfg. Company: *See*—
Schuh, William H., assignor.

Graylake Gelatin Co.: *See*—
Epstein, C. H., and Gotthoffer, assignors.

Grayson, Richard D., assignor, by mesne assignments, to Lowell & Grayson, Monrovia, Calif. Inserted tooth milling cutter. 2,378,215; June 12.

Great Bear Spring Company: *See*—
Greene, William M., assignor.

Great Western Sugar Company, The: *See*—
Bennett, Arthur N., assignor.
Clark, A. A., and Hooper, assignors.
Nees, A. R., and Bennett, assignors.

Grebe, John J., W. C. Bauman, and H. A. Robinson, assignors to The Dow Chemical Company, Midland, Mich. Manufacture and use of nitrosyl chloride. 2,366,518; Jan. 2.

Grebe, John J., W. C. Bauman, and H. A. Robinson, assignors to The Dow Chemical Company, Midland, Mich. Bromine extraction. 2,371,886; Mar. 20.

Grebe, John J., and W. C. Bauman, assignors to The Dow Chemical Company, Midland, Mich. Magnesium salts from sea water. 2,387,898; Oct. 30.

Grebow, Wolfe, Baltimore, Md. Arch supporter shoe. 2,389,148; Nov. 20.

Greco, Charles C.: *See*—
Di Grado, S., and Greco.

Green, Arthur D., Cranford, N. J., assignor, by mesne assignments, to Jasco, Incorporated. Apparatus for the manufacture of high molecular weight polymers. 2,384,295; Sept. 4.

Green, Barrett K., assignor to The National Cash Register Company, Dayton, Ohio. Coating for paper. 2,374,862; May 1.

Green, Clarence C., assignor to Armstrong Cork Company, Lancaster, Pa. Closure cleaning device. 2,367,393; Jan. 16.

Green, Donald W.: *See*—
McGill, Daniel F., assignor.

Green, Edgar B., Washington, D. C. Attachment for flush tanks. 2,388,480; Nov. 6.

Green, Edwin H.: *See*—
McLain, W. R., Miller, and Green.

Green, Ernest, Chelmsford and N. H. Clough, Brentwood, England, assignors to Radio Corporation of America. Radio transmitter. 2,376,480; May 22.

Green, Ernest, Writtle, Chelmsford, England, assignor to Marconi's Wireless Telegraph Co. Ltd. Directional aerial system. 2,380,519; July 31.

Green, Fred P.: *See*—
Huenerfauth, G. E., and Green.

Green, George H., Oakland, Calif. Steam boiler. 2,387,391; Oct. 23.

Green, Gus, New York, N. Y. Closure for handbags. 2,378,767; June 19.

Green, Howard D., Pasadena, Calif., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthesis of HCN and catalyst therefor. 2,381,344; Aug. 7.

Green, Howard D., Altadena, Calif., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of hydrocyanic acid. 2,387,577; Oct. 23.

Green, Hyman L.: *See*—
Marrow, A. J., and Green.

Green, Isaac H. C., and E. St. Pierre, Pawtucket, assignors to Hemphill Company, Central Falls, R. I. Adjustable cam mount for knitting machines. 2,369,781; Feb. 20.

Green, Isaac H. C., Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Knitting machine. 2,374,538; Apr. 24.

Green, Isaac H. C., Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Machine for knitting. 2,376,050; May 15.

Green, Isaac H. C., and E. St. Pierre, Pawtucket, assignors to Hemphill Company, Central Falls, R. I. Knitting machine. 2,381,275; Aug. 7.

Green, James B., assignor to Green's Fuel, Incorporated, Sarasota, Fla. Safety liquid stop. 2,388,481; Oct. 6.

Green, James H., West Orange, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Testing apparatus. 2,381,586; Aug. 7.

Green, Joseph L.: *See*—
Johnston, Edwin S., assignor.

Green, Lee B., Lakewood, Ohio. Broaching apparatus. 2,382,628; Aug. 14.

Green, Lee B., Lakewood, Ohio. Miniature railway. 2,387,578; Oct. 23.

Green, Marvin C.: *See*—
Gaskell, C. R., and Green.

Green, Newton B., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic camera. 2,373,391; Apr. 10.

Green, Oscar, Detroit, Mich. Venetian blind. 2,381,158; Aug. 7.

Green, Samuel G., Gray, Ga. Speed regulator for automatic guns. 2,382,411; Aug. 14.

Green, Thomas D., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Liquid spray discharge apparatus for and method of cooling the interior of bottles and other hollow glass articles. 2,386,455; Oct. 9.

Green, Thomas F., Jr., Richmond, Va. Refrigerated bottle dispensing device. 2,389,619; Nov. 27.

Green, Walter H., Chicago, Ill., assignor to Infilco Incorporated. Liquid treating apparatus and process. 2,368,354; Jan. 30.

Green, Walter H., Chicago, Ill., assignor to Infilco Incorporated. Filter bed expansion control. 2,376,912; May 29.

Green, Walter H., Batavia, assignor to Infilco Incorporated, Chicago, Ill. Sewage comminutor. 2,389,306; Nov. 20.

Green, Walter H., Batavia, assignor to Infilco Incorporated, Chicago, Ill. Liquid treating apparatus and process. 2,391,697; Dec. 25.

Green, William, Gloversville, N. Y. Stretching and spudding machine. 2,389,620; Nov. 27.

Green, William T.: *See*—
Maxson, W. L., McLaren, and Green.

Greenberg, Charles B., New York, N. Y. Watch and jewelers' vise. 2,366,519; Jan. 2.

Greenberg, Charles B., New York, N. Y. Watch crown for waterproof watches. 2,377,625; June 5.

Greenberg, Harry, Dover, and H. W. Brady, Morristown, N. J. Masking device. 2,369,671; Feb. 20.

Greenberg, Leon, assignor of ninety-five per cent to Industrial Steels Limited, Lidcombe, near Sydney, Australia. Centrifugal casting machine. 2,370,953; Mar. 6.

Greene, Charles H., assignor to Corning Glass Works, Corning, N. Y. Apparatus for drawing glass tubing. 2,377,494; June 5.

Greene, Charles W., Toledo, Ohio, assignor to The Flex-O-Tube Company. Manufacturing flexible hose. 2,366,853; Jan. 9.

Greene, George B., Long Beach, and P. O'Connor, Los Angeles, assignors to L. M. Harvey, La Canada, Calif. Dual automatic radio direction finding system. 2,368,921; Feb. 6.

Greene, George B., and R. W. Goble, Long Beach, Calif. Radio directional control system for vehicles. 2,382,709; Aug. 14.

Greene, Herman M., Hollywood, and G. L. Shinholt, Los Angeles, Calif. Rivet feeder. 2,366,448; Jan. 2.

Greene, Irving H., New York, N. Y. Kneepad and making same. 2,377,339; June 5.

Greene, James B.: *See*—
Rubidge, D. W., Manning, Hood, and Greene.

Greene, Joseph, Brooklyn, N. Y., assignor to Holgate Brothers Company, Kane, Pa. Toy. 2,383,305; Aug. 21.

Greene, Marcus: *See*—
Silverman, E. E., Greene, and Greenspan.

Greene, Nathan J., Columbus, Ohio, and M. Liwschitz-Garik, Brooklyn, N. Y., assignors to National Electric Coil Company, Columbus, Ohio. Dynamoelectric machine. 2,370,348; Feb. 27.

Greene, Ralph D., R. H. Kienle, and R. D. Vartanian, Bound Brook, N. J., assignors to American Cyanamid Company, New York, N. Y. Finishing pigment-resin colored fabrics. 2,385,320; Sept. 18.

Greene, William A.: *See*—
Gandy, William L., assignor.

Greene, William M., Forest Hills, assignor to Great Bear Spring Company, New York, N. Y. Water and like cooler. 2,377,296; May 29.

Greener, Charles I.: *See*—
Manaster, Ben B., assignor.

Greenfield, Moses A., Cabin John, Md. Pressure gauge. 2,367,211; Jan. 16.

Greening, Clarence M: *See*—
Norris, D. R., and Greening.

Greenland, Leonard S., Coventry, assignor to H. M. Hobson (Aircraft & Motor) Components Limited, London, England. Throttle control device for aircraft engines. 2,376,690; May 22.

Greenlaw, Alfred L., New Britain, Conn. Grill. 2,381,345; Aug. 7.

Greenlaw, Herbert E., Auburndale, Fla. Treating citrus fruit. 2,369,891; Feb. 20.

Greenleaf, Richard J., II, Ipswich, assignor of one-half to V. H. Barwood, Brookline, Mass. Container. 2,367,675; Jan. 23.

Greenleaf, Robert M., and J. L. Hunt, Grosse Pointe, Mich., assignors to M. L. Trust, F. R. Pendleton, trustee. Wheel gauging instrument. 2,381,276; Aug. 7.

Greenlee Bros. & Co.: *See*—
Abramson, J. H., and Swanson, assignors.
Mansfield, Judson H., assignor.

Greenman, Hugh M., assignor to Woodward Governor Company, Rockford, Ill. Governor adjusting mechanism. 2,380,963; Aug. 7.

Green's Fuel, Incorporated: *See*—
Green, James B., assignor.

Greensfelder, Bernard S.: *See*—
Bailey, W. A., Jr., and Greensfelder.
Bannerot, R. A., Boultbee, and Greensfelder.
Crawford, C. C., Fuller, and Greensfelder.
Fuller, D. L., and Greensfelder.

Greenspan, Seymour: *See*—
Silverman, E. E., Greene, and Greenspan.

Greentree, Alexander, South Charleston, W. Va., assignor, by mesne assignments, to L. Caldwell, Los Angeles, Calif. Improving the decolorizing properties of a synthetic hydrated magnesium silicate decolorizing material. 2,367,496; Jan. 16.

Greenwald, Bernard, New York, N. Y. Chuck and hose protector. 2,386,791; Oct. 16.

Greenewalt, Crawford H., Greenville, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of ethylene polymers. 2,388,138; Oct. 30.

Greenwood, Calvin S., Gardner, Mass. Revolving chair. 2,377,002; May 29.

Greenwood, Donald W., Wheaton, Ill. Hand loom. 2,380,233; July 10.

Greep, Roy G.: *See*—
Van Dyke, H. B., Greep, and Chow.

Greer, Luther C., St. Paul, Minn. Photographic marking device. 2,377,226; May 29.

Greger, Herbert H.: *See*—
Menefee, A. B., and Greger.

Gregg, Charles L., assignor to The Dow Chemical Company, Midland, Mich. Separating butadiene and butylene from hydrocarbon mixtures. 2,390,934; Dec. 11.

Gregg, David, Caldwell, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Regulator. 2,381,346; Aug. 7.

Gregg, David, Caldwell, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Flow regulating system. 2,391,306; Dec. 18.

Gregg, George W., assignor to Bendix Aviation Corporation, South Bend, Ind. Cleaning composition. 2,386,789; Oct. 16.

Gregg, Harry H.: *See*—
Weber, F. A., and Gregg.

Gregg, James E., Laramie, Wyo. Hydraulic coupling. 2,391,413; Dec. 25.

Gregg, James L., Coopersburg, Pa., and E. R. Jette, Croton-on-Hudson, N. Y., assignors to Bethlehem Steel Company. Ferrous alloys containing bismuth. 2,378,548; June 19.

Gregg, John, New Hope, Pa., and D. E. Levin, New York, N. Y. Outsole for shoes. 2,371,689; Mar. 20.

Gregg, Jon, New Hope, Pa. Shoe and outsole therefor and making the same. 2,391,564; Dec. 25.

Gregoire, Horace W., Boston, assignor to O. W. Wikstrom, Newton, Mass. Machine for setting up box blanks. 2,371,046; Mar. 6.

Gregor, Michael, New York, N. Y. Variable pitch propeller. 2,391,778; Dec. 25.

Gregory, Charles, Amarillo, Tex., now by judicial change of name to C. G. Hilton. Boot and shoe stretching device. 2,385,270; Sept. 18.

Gregory, Frank S., Jr., Arlington, assignor to B. B. Chemical Co., Boston, Mass. Machine for making preforms. 2,386,891; Oct. 16.

Gregory, James: *See*—
Quilter, J. R. C., and Gregory.

Gregory, John J., Catonsville, Md., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Apparatus and process for tapering artificial filaments. 2,374,744; May 1.

Gregory, Luther W.: *See*—
Schneider, S. S., and Gregory.

Gregory, Luther W., Baltimore, and S. S. Schneider, Halethorpe, Md., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Inductive heating coil shielding. 2,381,278; Aug. 7.

Gregory, Richard S., Princeton, Ky. Photoelectric relay with automatic adjuster. 2,383,644; Aug. 28.

Gregory, Royal J., Elkridge, Md., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Producing name plates and the like. 2,367,939; Jan. 23.

Gregory, Thurlow G., Shaker Heights, Ohio. Self-opening, sound-absorbing plaster. 2,382,561; Aug. 14.

Greider, Harold W.: *See*—
Fasold, G. A., and Greider.
Marc, H. M., and Greider.

Greifenhagen, Edwin B.: *See*—
Harris, S. C., and Greifenhagen.

Greig, Arthur, River Rouge, Mich., assignor to U. S. Tool and Mfg. Co., Radius wheel dresser. 2,377,934; June 12.

Greig, James W., Grosse Pointe Park, assignor to Hudson Motor Car Company, Detroit, Mich. Apparatus for forming sheet material. 2,389,974; Nov. 27.

Greiner, Carl F. and J. F. Harrison, assignors to The Buffalo-Springfield Roller Co., Springfield, Ohio. Drive roll assembly. 2,386,946; Oct. 16.

Greist Manufacturing Company, The: *See*—
Bacon, D. L., Caldwell, and Barmmer, assignors.
Russell, Herbert H., assignor.

Greitzer, Meyer, Los Angeles, Calif. Chair. 2,390,878; Dec. 11.

Greison, Peter, Minneapolis, Minn. Lawn sprinkler. 2,381,740; Aug. 7.

Grempler, William E., Baltimore, Md. Apparatus for utilizing waste heat. 2,370,656; Mar. 6.

Grenoker, Lillian L., New York, N. Y. Destructible hollow form. 2,369,892; Feb. 20.

Grenoker, Lillian L., New York, N. Y. Display head. 2,381,663; Aug. 7.

Gresham, Thomas L., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Polyvinyl halide composition. 2,371,134; Mar. 13.

Gresham, Thomas L., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Polyvinyl halide composition. 2,372,947; Apr. 3.

Gresham, William F.: *See*—
Loder, D. J., and Gresham.
Nalbach, J. R., and Gresham.

Gresham, William F., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilized dioxolanes. 2,378,354; May 22.

Gresham, William F., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dioxolane-acid halide reaction and product. 2,377,878; June 12.

Gresham, William F., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Modified acetals. 2,382,874; Aug. 14.

Gresham, William F., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Oxygenated organic polymers. 2,382,938; Aug. 14.

Gressel, Floyd C.: *See*—
Smith, G. P., and Gressel.

Greth, August S., Oakland, Calif. Chimney damper for open fire places. 2,384,249; Sept. 4.

Grettle, Donald P., assignor to Industrial Patents Corporation, Chicago, Ill. Extracting glue and gelatin. 2,384,673; Sept. 11.

Greulich, Gerald G., Mount Lebanon, Pa., assignor to Carnegie-Illinois Steel Corporation. Portable deck 2,369,733; Feb. 20.

Grey, Ralph E., Osborne, and L. G. Burns, Dayton, Ohio. Fuel pump. 2,382,412; Aug. 14.
Grey, Victor, assignor to Teletype Corporation, Chicago, Ill. Centrifugal chuck. 2,367,863; Jan. 23.
Grice, Letcher O., U. S. Army, Washington, D. C. Closure for cans. 2,375,221; May 8.
Grice, Letcher O., U. S. Army, Ogden, Utah, and I. L. Freedman, Washington, D. C. Combination trench coat, cape, and hood. 2,370,158; Feb. 27.
Gridiron Steel Company: *See*—
Fay, Horace B. and T. H., assignors.
Gridley Farm Tool Company, Incorporated: *See*—
Ringger, Henry H., assignor.
Grieb, Benjamin C., Chestnut Hill, Pa. Rotary engine or blower device. 2,380,752; July 31.
Grier, John A., Yonkers, N. Y., assignor to Ordnance Instrument Corporation. Binoculars. 2,386,394; Oct. 9.
Griesinger, John W.: *See*—
Rich, P. J., and Griesinger.
Griesinger, William K., Drexel Hill, assignor to The Atlantic Refining Company, Philadelphia, Pa. Gelatination of hydrocarbon distillates. 2,382,144; Aug. 14.
Griess, Gerald A.: *See*—
Coleman, G. H., and Griess.
Coleman, G. H., Schroeder, and Griess.
Griff, Robert D.: *See*—
Rasmussen, C. T., and Griff.
Griffin, Alvah M., Los Angeles, assignor to North Aircraft, Inc., Hawthorne, Calif. Self-staking bushing and the like. 2,372,485; Mar. 27.
Griffin, George R.: *See*—
Redmon, B. C., and Griffin.
Griffin, Harry L., Rockville Centre, assignors to Nestle's Milk Products, Inc., New York, N. Y. Compacting and packaging milk powder and compacted mass of milk powder and the like. 2,379,230; June 26.
Griffin, Ira L., D. E. Truax, and N. H. Nuttall, Charlotte, N. C., assignors to Stein, Hall & Company, Inc., New York, N. Y. Treatment of textile materials. 2,381,587; Aug. 7.
Griffin, John R., Jr., and P. R. Van Ess, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Aviation lubricating oil. 2,375,222; May 8.
Griffin, Kearney P.: *See*—
Lowe, W. G., and Griffin, assignors.
Vittum, P. W., Griffin, and Weissberger.
Griffin, Louis M., New Orleans, La. Detachable auxiliary fin means for aircraft. 2,373,677; Apr. 7.
Griffin, Norval B., and C. H. Brechner, assignors to The Selby Shoe Company, Portsmouth, Ohio. Conveyer system. 2,390,935; Dec. 11.
Griffin, Roger L., Marblehead, and N. Y. Moore, Danvers, assignors to A. C. Lawrence Leather Company, Peabody, Mass. Shearing machine. 2,387,579; Oct. 23.
Griffin, Victor E., Cicero, Ill., assignor to Atlas Press Company, Kalamazoo, Mich. Toolholder. 2,386,851; Oct. 16.
Griffin, William C., Tamaqua, Pa., assignor to Atlas Powder Company, Wilmington, Del. Wax composition. 2,374,931; May 1.
Griffin, William C., Tamaqua, Pa., assignor to Atlas Powder Company, Wilmington, Del. Emulsions. 2,380,166; July 10.
Griffing, Morris E., Riverside, and I. Molnar, Chicago, Ill., assignors to Automatic Electric Laboratories, Inc. Telephone system. 2,371,989; Mar. 20.
Griffis, Lawrence W.: *See*—
Searles, H., Griffis, and Carlson.
Griffith, Alan A., Derby, England. Turbocompressor. 2,391,779; Dec. 25.
Griffith, Clement P.: *See*—
Chapman, C. H., Griffith.
Griffith, Clement P., and J. J. Delaney, assignors to S. F. Bowser & Company, Incorporated, Fort Wayne, Ind. Thermostatic adjustment for meter calibrating mechanism. 2,366,330; Jan. 2.
Griffith, Fred, Cleveland, Ohio. Burr-removing tool. 2,372,486; Mar. 27.
Griffith, James E., Denver, Colo. Rotary internal-combustion engine. 2,367,676; Jan. 23.
Griffith Laboratories, Inc., The: *See*—
Hall, Lloyd A., assignor.
Griffith, Llewellyn A., Buffalo, N. Y. Suction cleaner. 2,389,042; Nov. 13.
Griffith, Llewellyn B., Austin, Tex. System of sewage clarification and sludge removal. 2,389,357; Nov. 20.
Griffith, Richard: *See*—
Price, D., and Griffith.
Griffith, Thomas R., assignor to The Honorary Advisory Council for Scientific and Industrial Research, Ottawa, Ontario, Canada. Composite article and making same. 2,366,895; Jan. 9.
Griffith, Thomas R., assignor to The Honorary Advisory Council for Scientific and Industrial Research, Ottawa, Ontario, Canada. Making composite articles. 2,366,896; Jan. 9.
Griffith, Thomas R., assignor to The Honorary Advisory Council for Scientific and Industrial Research, Ottawa, Ontario, Canada. Composite article and bonding rubber to a corrodible material. 2,386,212; Oct. 9.
Griffith, Thomas R., assignor to The Honorary Advisory Council for Scientific and Industrial Research, Ottawa, Ontario, Canada. Adhesives and making same. 2,386,213; Oct. 9.
Griffith, William B., Stone Harbor, N. J. Valve seat ring. 2,366,520; Jan. 2.
Griffith, William B., Stone Harbor, N. J. Thermostat. 2,389,429; Nov. 20.
Griffiths, Evelyn R., Wirral, England. Heat regulating means for liquid heating apparatus. 2,371,516; Mar. 13.
Griffiths, Francis T., Gravesend, Kent, assignor to W. T. Henley's Telegraph Works Company Limited, Darking, Surrey, England. Extrusion machine. 2,367,394; Jan. 16.
Griffiths, George A.: *See*—
Volty, M., and Griffiths.
Griffiths, William E., Pittsburgh, Pa., assignor to Allegheny Ludlum Steel Corporation. Procedure and apparatus for separating stainless steel particles from particles of abrasive material. 2,372,321; Mar. 27.
Griffoul, Henry M., San Jose, Calif. Magnesium melting furnace. 2,389,307; Nov. 20.
Grigalauski, Joseph, Rockford, Ill. Toolholder. 2,375,916; May 15.
Grigg, Jesse M., Chicago, Ill. Gun. 2,372,568; Mar. 27.
Griggs, Clifford R., Ceres, Calif. Combination stool and stepladder. 2,368,541; Jan. 30.
Griggs, Truman A.: *See*—
Dobson, W. M., Frye, and Griggs.
Grill, George M., Kew Gardens Hills, N. Y., assignor to Lewyt Corporation. Swivel chair. 2,300,215; Dec. 4.
Grim, Forrest D., Allentown, Pa., assignor to Trojan Powder Company. Loading machine. 2,380,167; July 10.
Grim, John M.: *See*—
Thurston, J. T., and Grim.
Grimble, Robert W., Dallas, Tex., assignor, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Production of halides. 2,385,505; Sept. 25.
Grime, Edward P., Los Angeles, Calif., assignor to Malabar Machine Company. Holding brake. 2,372,196; Mar. 27.
Grime, Edward P., Los Angeles, Calif. Weight indicating lifting jack. 2,373,469; Apr. 10.
Grimes, Dudley E.: *See*—
White, G., and Grimes.
Grimes, Harlan E., Mount Orab, Ohio, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Selector switch circuit for automatic telephone systems. 2,391,414; Dec. 25.
Grimm, Carl W., Chicago, Ill., assignor to Henry Pratt Company. High-pressure steam preheater roll. 2,374,745; May 1.
Grimm, Frank C., Sr., Oak Park, Ill. Device for alternating electric circuits. 2,374,152; Apr. 17.
Grimson, Samuel B., assignor to Color Research Corporation, New York, N. Y. Camera mechanism. 2,373,243; Apr. 10.
Grimston, Francis B. S., Farnham Royal, England. Collapsible boat. 2,370,401; Feb. 27.
Grinde, John M., and A. E. Manthey, Waunakee, Wis. Anchor device. 2,379,349; June 26.
Grindrod, Thomas H., and A. E. Church, Portland, Oreg. Welder's mask. 2,391,565; Dec. 25.
Grinnell Corporation: *See*—
Knight, Ira W., assignor.
Loepsinger, Albert J., assignor.
Grinnell, George G., Portland, Oreg. Sheet binder. 2,377,340; June 5.
Grip Nut Company: *See*—
Sale, William H., assignor.
Griscom-Russell Company, The: *See*—
Ris, Kenneth B., assignor.
Sebald, Leslie E., assignor.
Griscom, Samuel B., Wilkinsburg, Pa., and Joseph D. Pierce, Washington, D. C., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control for wound rotor induction motors. 2,379,146; June 26.
Grisdale, George W., Jr.: *See*—
Paroz, P. N., and Grisdale.
Grisdale, Richard O., Short Hills, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coating apparatus. 2,369,561; Feb. 13.
Grisé, Alfred L., Springfield, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Fluid pressure motor. 2,389,621; Nov. 27.
Grisso, Lolan H.: *See*—
Hanson, H., Skoog, and Grisso.
Griswold, Donald G., Alhambra, Calif. Pressure responsive valve. 2,377,227; May 29.
Griswold, Donald G., assignor to Clayton Manufacturing Company, Alhambra, Calif. Pressure reducing valve with dual pilot valve control. 2,368,981; Feb. 6.
Griswold, Donald G., assignor to Clayton Manufacturing Company, Alhambra, Calif. Pump control means. 2,384,420; Sept. 4.
Griswold, Donn J.: *See*—
Richmond, P. E., and Griswold.
Griswold, Glenn G., and F. J. Lee, East Los Angeles, assignors to J. L. Hull, Los Angeles, Calif. Fire extinguisher. 2,389,501; Nov. 20.
Griswold, Glenn G., and F. J. Lee, East Los Angeles, assignors to J. L. Hull, Los Angeles, Calif. Fire extinguisher. 2,389,502; Nov. 20.
Griswold, Howard L.: *See*—
Cape, A. T., Foerster, and Griswold.

Griswold, Lester, Colorado Springs, Colo. Slide holder. 2,373,392; Apr. 10.
Griswold, Leslie W.: *See*—
Thomas, Walter E., assignor.
Griswold, Lyle R., assignor to M. R. Fleischman Co., San Francisco, Calif. Garment. 2,376,247; May 15.
Griswold, Paul H.: *See*—
Riggs, H. E., and Griswold.
Griswold, Stanley M., Newton, assignor to B. B. Chemical Co., Boston, Mass. Manufacture of insoles. 2,381,950; Aug. 14.
Griswold, Stanley M., Newton, assignor to B-B. Chemical Co., Boston, Mass. Manufacture of insoles. 2,381,951; Aug. 14.
Griswold, Thomas, Jr., assignor to The Dow Chemical Company, Midland, Mich. Recovery of magnesium. 2,381,405; Apg. 7.
Griswold, Walter R., assignor to Packard Motor Car Company, Detroit, Mich. Drive mechanism. 2,366,253; Jan. 2.
Griswold, William A., Cleveland, Tenn. Heating apparatus. 2,383,188; Aug. 21.
Grob, Benjamin, Grafton, Wis. Filing machine. 2,372,826; Apr. 3.
Grobet, Georges, assignor to R. Habib, Geneva, Switzerland. Universal precision sharpening machine. 2,391,153; Dec. 18.
Groehn, Harvey G., Beverly Hills, Calif., assignor to Castaloy Corporation, Detroit, Mich. Die fixture. 2,371,047; Mar. 6.
Groen, Willem, assignor to Onsrud Machine Works, Inc., Chicago, Ill. Copy lathe control. 2,370,032; Feb. 20.
Groene, William F., and W. R. Meyer, assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Loading and unloading of work in machine tools. Re. 22,621; Mar. 20.
Groene, William F., and A. W. Aufderhar, assignors to The R. K. LeBlond Machine Tool Company, Cincinnati, Ohio. Automatic lathe. 2,379,147; June 26.
Groene, William F., assignor to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Tailstock for lathes. 2,391,154; Dec. 18.
Groetchen, Richard: *See*—
Dawson, Sidney, assignor.
Groetchen, Richard, Chicago, Ill. Burner structure. 2,375,412; May 8.
Groh & Co., A. G.: *See*—
Streuli, Emil, assignor.
Grohsgal, Alexis C., New York, assignor to Marks Products Co. Inc., Brooklyn, N. Y. Musical signal device. 2,391,698; Dec. 25.
Grondona, Charles A., Rye, N. Y., assignor to Crown Zellerbach Corporation, San Francisco, Calif. Mounting rolls in dispensing cabinets. 2,380,644; July 31.
Grontkowski, Raymond B., Washington, D. C. Brake control mechanism. 2,391,017; Dec. 18.
Grooms, Albert O., assignor to General Motors Corporation, Dayton, Ohio. Atmospheric pressure responsive measuring device. 2,366,897; Jan. 9.
Grooms, Albert O., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,376,913; May 29.
Groov-Pin Corporation: *See*—
Braendel, F. W., and Richards, assignors.
Gros, Hermann: *See*—
Lang, R., von Fahland, and Gros.
Grosdoff, Igor E., Upper Darby, Pa., assignor to Radio Corporation of America. Vacuum gauge indicator system. 2,383,600; Aug. 28.
Gross, Alfred G., Wilmette, Ill., assignor to The Hoover Company, North Canton, Ohio. Refrigeration. 2,387,657; Oct. 23.
Gross, Charles, assignor to Evans Products Company, Detroit, Mich. Black-out marker light. 2,380,691; July 31.
Gross, Fred E., Lonoke, Ark. Fuze packing box. 2,389,358; Nov. 20.
Gross, Henry R., Chicago, Ill. Spot-signal light. 2,374,282; Apr. 24.
Gross, Henry R., Chicago, Ill. Electric cable reel. 2,375,917; May 15.
Gross, Henry R., Chicago, Ill. Flasher. 2,377,775; June 5.
Gross, Henry R., Chicago, Ill. Flasher. 2,378,405; June 19.
Gross, Howard H., Fishkill, and I. F. German, Jr., Beacon, assignors to The Texas Company, New York, N. Y. Extraction of hydrocarbons. 2,383,057; Aug. 21.
Grosse, Aristid V., and W. J. Mattox, assignors to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,381,820; Aug. 7.
Grosse, Aristid V., Haverford, Pa., and C. B. Linn, Riverside, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,391,415; Dec. 25.
Grosser, Christian E., Winchester, Mass., assignor to Standard Machinery Company, Cranston, R. I. Pump or motor unit. 2,381,741; Aug. 7.
Grosser, Walter C., Cleveland, Ohio, assignor, by mesne assignments, to American Flange & Manufacturing Co., Inc., New York, N. Y. Threaded sheet metal plug. 2,387,990; Oct. 30.
Grossi, Jose M. D., Buenos Aires, Argentina. Apparatus for reducing the expansion of fluids. 2,375,646; May 8.
Grossman, George J., Los Angeles, Calif. Toy parachute. 2,375,844; May 15.
Grossman, Harold, Montclair, N. J. Removal of caffein from coffee extract. 2,375,550; May 8.
Grossman, Samuel L., Los Angeles, Calif. Bed divan. 2,369,562; Feb. 13.
Grossmann, Marcus A., Chicago, Ill., and R. F. Miller, Pittsburgh, Pa., assignors of one-half to Carnegie-Illinois Steel Corporation and one-half to United States Steel Corporation of Delaware. Steel in elevated temperature service under stress. 2,389,043; Nov. 13.
Grossmith, George W., Bristol, and H. F. H. Shields, Moorgate, London, E. C. 2, England. Wagon tippler. 2,374,009; Apr. 17.
Grosso, Patrick P., Brooklyn, N. Y. Irrigating speculum. 2,370,459; Feb. 27.
Grote Manufacturing Company, The: *See*—
Ryder, Charles D., assignor.
Groten, Frank J., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Curing phenol-formaldehyde resins. 2,387,256; Oct. 23.
Grotewold, Hans: *See*—
Federwitz, T. A., and Grotewold.
Groth, Albert T., Oshkosh, Wis. Planting spacer for flats. 2,382,221; Aug. 14.
Groth, Alfred, and H. J. Hanauer, assignors to Badger Carton Co., Milwaukee, Wis. Apparatus for firing powder. 2,368,018; Jan. 23.
Groth, Bertil S., and S. B. H. Johanson, Ornskoldsvik, Sweden. Processes for the production of vinyl esters of organic acids. 2,376,964; May 29.
Grothey, Ivan W., assignor to Scott & Williams, Incorporated, Laconia, N. H. Knitting machine. 2,382,008; Aug. 14.
Grotke, Charles, Bristol, Pa., assignor, by mesne assignments, to Reconstruction Finance Corporation. Displacing gear for bombs. 2,386,680; Oct. 9.
Grotnes, Carl C., Park Ridge, assignor of one-half to G. G. Cuttner, Chicago, Ill. Container sealing device. 2,368,758; Feb. 6.
Groulx, John E., Bay City, Mich. Fishhook holder. 2,371,517; Mar. 13.
Grouse, Richard A., and J. Rogers, assignors to A. H. Hunt Limited, London, England. Metallized paper electrical condenser. 2,388,139; Oct. 30.
Grout, Roy A.: *See*—
Dadant, H. C., and Grout.
Grove, Collins D., Joliette, Quebec, Canada. Convertible wheel endless drive mechanism. 2,389,308; Nov. 20.
Grove, David B., Mascot, Tenn., assignor to Minerals Beneficiation, Incorporated, Joplin, Mo. Heavy media separation process. 2,387,580; Oct. 23.
Grover, Elliott E., Springfield, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Safety device. 2,380,964; Aug. 7.
Grover, Frank S., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Buffing machine for rubberlike materials. 2,367,839; Jan. 23.
Grover, Victor T.: *See*—
Nordstrom, E., and Grover.
Groves, Frederick H., Dormont, Pa. Document package. 2,371,135; Mar. 13.
Groves, Walter R., assignor to Turner Manufacturing Company, Limited, Wolverhampton, England. Pump for use in hydraulic transmission of power. 2,372,375; Mar. 27.
Grow, Harlow B., Freeport, N. Y. Pilot instructing device. 2,389,359; Nov. 20.
Grubb, Henry M., and E. B. Tucker, Highland, Ind., assignors to Standard Oil Company, Chicago, Ill. Preparation of organic sulphonates. 2,374,193; Apr. 24.
Grubb, Howard C., et al.: *See*—
Williams, Edward B., Jr., assignor.
Grubbs, Edward G., Los Angeles, Calif. Photoengraver's plate cooler. 2,385,073; Sept. 18.
Gruber, Elbert E., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Polymerization of butadiene-1,3 hydrocarbons. 2,391,233; Dec. 18.
Gruber, Irving B., and W. L. Zemberry, Pittsburgh, Pa., assignors to National Tube Company. Machine for handling tubular articles and the like. 2,387,658; Oct. 23.
Gruber, Paul S.: *See*—
Dany, E. W., and Gruber.
Gruber, Wolfgang: *See*—
Beer, L., Berg, and Gruber.
Grubich, Stephen, Milwaukee, Wis. Material digging and handling apparatus. 2,389,044; Nov. 13.
Gruel, Charles: *See*—
Klumb, C. E., and Gruel.
Gruender, Oscar C., and E. Werner, assignors to Nordberg Manufacturing Co., Milwaukee, Wis. Liner for impact members. 2,378,475; June 19.
Gruenhagen, Henry, Shaker Heights, assignor, by mesne assignments, to Jack & Heintz, Inc., Cleveland, Ohio. Automatic transmission. 2,378,549; June 19.
Gruenhagen, Henry: *See*—
Fanger, H. J., and Gruenhagen.
Fanger, H. J., Gruenhagen, and Shaffer.
Gruenhagen, Henry, et al.: *See*—
Fanger, Herman J., assignor.
Shaffer, Cleve F., assignor.

Gruenwald, Louis A., New York, N. Y. Surface active materials. 2,374,678; May 1.
Gruening, William E., assignor to The Stacey Brothers Gas Construction Company, Cincinnati, Ohio. Gasholder. 2,367,497; Jan. 16.
Grün, Adolf, assignor to J. R. Geigy A. G., Basel, Switzerland. Dioxane derivatives and making same. 2,366,611; Jan. 2.
Grün, Adolph, and W. Stoll, assignors to the firm of J. R. Geigy A. G. Basel, Switzerland. 1-phenoxy-3-hydroxypropanones-(2). 2,374,283; Apr. 24.
Gruner, William P., St. Louis, assignor of one-fourth to O. R. Burkhart, Webster Groves, one-fourth to W. H. Burkhart, and one-fourth to H. W. Hagnauer, Laude, Mo. Ice-making machine. 2,387,899; Oct. 30.
Grupe, William F., Lyndhurst, N. J., assignor to Interchemical Corporation, New York, N. Y. Pressure roller. 2,374,194; Apr. 24.
Grupe, William F., Lyndhurst, N. J., assignor to Interchemical Corporation, New York, N. Y. Coating method and apparatus. 2,383,964; Sept. 4.
Grusenmeyer, Nettie F., San Francisco, Calif. Toy. 2,381,536; Aug. 7.
Grusenmeyer, Nettie F., San Francisco, Calif. Toy. 2,381,537; Aug. 7
Gruss, Francis K., San Francisco, Calif. Compressor. 2,377,879; June 12.
Gruss, Lucien R., Cleveland, Ohio. Airplane shock absorbing device. 2,389,849; Nov. 27.
Gruttner, Hans: *See*—
Schuler, H., Gruttner, and Dronigke.
Gschwind, Jean F.: *See*—
Ross, J. O., and Gschwind.
Guarantee Specialty Manufacturing Company, The: *See*—
Wright, R. H., and Buick, assignors.
Guardian Electric Manufacturing Co.: *See*—
Nelsen, Marvin G., assignor.
Obsarny, Thedore, assignor.
Guardian Merchandising Corporation: *See*—
Monnet, Georges, assignor.
Guardino, Leonard L.: *See*—
Dapolito, August A., assignor.
Guardite Corporation: *See*—
Baer, John M., assignor.
Heineman, Arnold H., assignor.
Guardite Corporation, The: *See*—
Heineman, Arnold H., assignor.
Guarnaschelli, Stephen, Mount Vernon, N. Y., assignor to Backless Metal Products Corporation, New Rochelle, N. Y. Valve. 2,374,195; Apr. 24.
Guarnaschelli, Vincent, New York, assignor to Self Seal Bottle Cap Company, Long Island City, N. Y. Bottle cap. 2,388,050; Oct. 30.
Guba, Raymond J., Philadelphia, Pa., assignor to Audubon Wire Cloth Corporation. Heat-treating furnace. 2,370,954; Mar. 6.
Gubbins, Charles H., Ealing, London, England. Mechanical hammer. 2,385,439; Sept. 25.
Gubelmann, Ivan, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilization of organic substances. 2,351,952; Aug. 14.
Gubelmann, William S., Convent, N. J. Accounting machine. 2,376,481; May 22.
Gubin, Samuel: *See*—
Cunningham, O. B., Sussman, and Gubin.
Gubisch, Erwin A., assignor to Teletype Corporation, Chicago, Ill. Perforating machine. 2,390,435; Dec. 4.
Gubrud, Adolph P., Hudson, S. Dak. Grade indicator. 2,379,350; June 26.
Gudgeon, Herbert, E. Isaacs, and W. M. Morgan, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Synthetic rubberlike materials comprising butadiene-1,3-interpolymers. 2,378,140; June 12.
Gudgeon, Herbert, and R. Hill, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Interpolymerization products. 2,382,629; Aug. 14.
Gudheim, Arne, Winchester, assignor to Lever Brothers Company, Cambridge, Mass. Container closure. 2,388,738; Nov. 13.
Gueltz, Ellis A., Dorchester, Mass. Radio range navigation device. 2,370,305; Feb. 27.
Gudkov, Marie, New York, N. Y. Musical game board. 2,381,347; Aug. 7.
Guedon, Emile C., Audubon, N. J., assignor to Radio Corporation of America. Light shutter. 2,390,216; Dec. 4.
Guell, Charles H.: *See*—
Dearing, Le Roy M., and Guell.
Guellich, Gustav E.: *See*—
Peck, W. F., and Guellich.
Guellich, Gustav E., Buffalo, N. Y., assignor, by mesne assignments, to American Optical Company, Southbridge, Mass. Coating apparatus. 2,378,476; June 19.
Guellich, Gustav E., and A. A. Gradisar, Buffalo, N. Y., assignors, by mesne assignments, to American Optical Company, Southbridge, Mass. Coordinate measuring stage. 2,387,440; Oct. 23.
Guellich, Gustav E., Buffalo, N. Y., assignor, by mesne assignments, to American Optical Company, Southbridge, Mass. Mount for eyepieces. 2,388,051; Oct. 30.
Guellich, Gustav E., and A. A. Gradisar, Buffalo, N. Y., assignors, by mesne assignments, to American Optical Company, Southbridge, Mass. Optical device. 2,389,503; Nov. 20.
Guellich, Gustav E., Buffalo, N. Y., assignor, by mesne assignments, to American Optical Company, Southbridge, Mass. Making reticles or the like. 2,389,504; Nov. 20.
Guenther, Gerhard K., Chicago, Ill. Grave marker. 2,383,787; Aug. 28.
Guenther, John R., Appleton, Wis. Counter. 2,375,413; May 8.
Guest, Diana: *See*—
Valdene, Jean P., assignor.
Guhl, Henry C.: *See*—
Perry, E. R., and Guhl.
Guiberson Corporation, The: *See*—
Lilly, Russell M., assignor.
Taylor, R. G., Jr., and Wilde, assignors.
Guibert, Francis W., Los Angeles, and F. B. Fuller, Whittier, Calif.; said Fuller assignor to said Guibert. Liquid transmission device. 2,368,019; Jan. 23.
Guichet, Jules J., Baton Rouge, La., assignor to Standard Oil Development Company. Removing coke deposits from high-temperature oil lines. 2,366,521; Jan. 2.
Guignard, Edwin M. F., Berlin-Dahlem, Germany; vested in the Alien Property Custodian. Apparatus for continuous fractional distillation. 2,385,074; Sept. 18.
Guignon, Emile S., Jr.: *See*—
Brostrom, Ernest O., assignor.
Brown, Robert M., assignor.
Sheldon, Ralph O., assignor.
Guignon, Emile S., Jr., Kansas City, Mo. Engine support. 2,377,415; June 5.
Guignon, Emile S., Jr., Kansas City, Mo. Portable landing apron and runway. 2,382,789; Aug. 14.
Guild, Lloyd V.: *See*—
Holmes, D. C., and Guild.
Guild Manufacturing Company: *See*—
Rosenthal, Leon, assignor.
Guillermo Kraft Limitada Sociedad Anonima de Impresiones Generales: *See*—
Kraft, Guillermo E. C., assignor.
Guimont, Nelson J., Chicago, Ill. Foundation block structure. 2,383,544; Aug. 28.
Guiney, Karl B., Lafayette, Ind., assignor to Aluminum Company of America, Pittsburgh, Pa. 2,368,355; Jan. 30.
Guirl, Howard P., Munster, Ind., assignor to The Superheater Company, New York, N. Y. Apparatus for welding strips or fins to metallic bodies. 2,372,893; Apr. 3.
Guirl, Howard P., Munster, Ind., assignor to The Superheater Company, New York, N. Y. Resistance welding metallic strips to metallic bodies. 2,381,742; Aug. 7.
Guiteras, Albert F.: *See*—
Snell, F. D., and Guiteras.
Gulbrausen, Capron R., Wilmette, assignor to National Live Stock and Meat Board, Chicago, Ill. Indicating instrument. 2,381,494; Aug. 7.
Guler, George D., White Plains, N. Y., and G. M. Kingsland, Denver, Colo., assignors to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Temperature control system. 2,376,482; May 22.
Gulf Oil Corporation: *See*—
Cantrell, T. L., and Peters, assignors.
Crockett, L. O., and Franklin, assignors.
Franklin, L. U., and Dunlay, assignors.
Ostergaard, Povl, assignor.
Smith, Herschel G., assignor.
Smith, H. G., and Cantrell, assignors.
Smith, H. G., Cantrell, and Peters, assignors.
Gulf Research & Development Company: *See*—
Bailey, Lothrop H., assignor.
Montgomery, C. W., and Franke, assignors.
Muffly, Gary, assignor.
Muskat, Morris, assignor.
Pardee, W. A., and Dodge, assignors.
Pigott, Reginald J. S., assignor.
Stillson, G. H., and Fishel, assignors.
Trautman, Charles E., assignor.
Walsh, Bruce R., assignor.
Gulf States Paper Corporation: *See*—
Hodges, Paul, assignor.
Gulliksen, Finn H., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric discharge apparatus. 2,367,940; Jan. 23.
Gumb, Daniel E., Milwaukee, Wis. Animated toy. 2,382,630; Aug. 14.
Gumz, Herman H., Newark, N. J. Ladder construction. 2,381,348; Aug. 7.
Gündel, Wolfgang: *See*—
Hentrich, W., and Gündel.
Gunderson, Lewis O., Park Ridge, assignor to Dearborn Chemical Company, Chicago, Ill. Conditioning water. 2,366,727; Jan. 9.
Gunderson, Ralph R., Detroit, Mich. Fluid pressure producing device. 2,374,010; Apr. 17.
Gunderson, Ralph R., Detroit, Mich. Fluid pressure actuated device. 2,374,011; Apr. 17.
Gunn, Frank G., Ickenham, and E. Hague, Gerrards Cross, England, assignors to Technicolor Motion Picture Corporation, Hollywood, Calif. Gunnery. 2,373,024; Apr. 3.

Gunn, George F., assignor to The Dow Chemical Company, Midland, Mich. Protection of molten magnesium and magnesium-base alloys. 2,378,699; June 19.
Gunn, Ross, and W. C. Hall, Washington, D. C. Fuel cell. 2,384,463; Sept. 11.
Gunnell, Dorr J., Lansing, Mich. Stretcher. 2,384,299; Sept. 4.
Gunness, Robert C., assignor to Standard Oil Company, Chicago, Ill. Catalytic hydrocarbon conversion system. 2,377,935; June 12.
Gunness, Robert C., assignor to Standard Oil Company, Chicago, Ill. Catalytic reforming. 2,388,536; Nov. 6.
Gunning, Maximiliaan F., Petersfield, England. Ship construction. 2,379,295; June 26.
Gunnison, Foster, Louisville, Ky., assignor to Gunnison Homes, Inc. Adjustable building foundation. 2,380,692; July 31.
Gunnison Homes, Inc.: *See*—
Gunnison, Foster, assignor.
Gunter, Addison Y.: *See*—
Thompson, N. C., Gunter, Shaw, and Roe.
Gunter, Addison Y., Larchmont, assignor to American Locomotive Company, New York, N. Y. Heat exchanger. 2,372,079; Mar. 20.
Gunter, Addison Y., Larchmont, assignor to American Locomotive Company, New York, N. Y. Heat exchanger. 2,389,850; Nov. 27.
Gunter, Addison Y., Larchmont, assignor to American Locomotive Company, New York, N. Y. Heat exchanger. 2,390,436; Dec. 4.
Gunther, James K., assignor to Industrial Patents Corporation, Chicago, Ill. Detergent composition. 2,385,075; Sept. 18.
Gunzburger, Erich, Tulsa, Okla. Snap-on hot line stirrup. 2,370,857; Mar. 6.
Gurewitz, Samuel J.: *See*—
Rothenberg, L. Kagen, and Gurewitz.
Gurney, William B., Baton Rouge, La., assignor to The Permutit Company, New York, N. Y. Liquid treating apparatus. 2,366,898; Jan. 9.
Gurries, Albert G., and T. B. Keesling, said Keesling assignor to said Gurries, Gilroy, Calif. Pressure pump. 2,370,534; Feb. 27.
Gurwick, Irving, New York, N. Y., assignor to Shellmar Products Company, Mount Vernon, Ohio. Nonmetallic collapsible dispensing tube and manufacture thereof. 2,385,506; Sept. 25.
Guss, Cyrus O., and R. W. Amidon, assignors to The Dow Chemical Company, Midland, Mich. Flexible polymeric product and making same. 2,388,685; Nov. 13.
Gussow, William A., Birmingham, Ala., assignor to Southern States Equipment Corporation. Electric switch. 2,385,507; Sept. 25.
Gustafson, Gilbert E., River Forest, Ill., assignor to Zenith Radio Corporation. Sound reproducing unit and making the same. 2,371,819; Mar. 20.
Gustafson, Gilbert E., River Forest, Ill., assignor to Zenith Radio Corporation. Making sound reproducing units. 2,371,820; Mar. 20.
Gustafson, Gustaf, Yakima, Wash. Hose clamp applier. 2,371,439; Mar. 13.
Gustafson, Hilding B.: *See*—
Behrman, A. S., and Gustafson.
Gustafson, Hilding B., assignor to Infilco Incorporated, Chicago, Ill. Zeolite regeneration. 2,376,914; May 29.
Gustafsson, Eric: *See*—
Harker, G. A., Gustafsson, Allen, and Nelson.
Wilmes, W. L., Baur, and Gustafsson.
Gustafsson, Eric and J. W. Baur, assignors to Binks Manufacturing Company, Chicago, Ill. Liquid and gas separator. 2,377,549; June 5.
Gustin, Daniel S., Bloomfield, and D. Mullan, Hillside, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Method and apparatus for filling envelopes. 2,369,563; Feb. 13.
Gustin, George M., assignor to The G. M. Diehl Machine Works, Wabash, Ind. Glue feeder for veneer machines. 2,372,894; Apr. 3.
Guthrie, James M., Allison Park, assignor to F. R. Kelley, Pittsburgh, Pa. Ventilator. 2,373,824; Apr. 17.
Gut, Elie: *See*—
Bustamante, Cesar, assignor.
Guth, Edwin F., Florissant, Mo. Fluorescent fixture. 2,369,228; Feb. 13.
Guth, Edwin F., Florissant, Mo. Lighting fixture. 2,379,798; July 3.
Guth, Stern & Co., Inc.: *See*—
Lippincott, Joshua G., assignor.
Guthrie, Andrew J., St. Albans, W. Va. Rubber dusting apparatus. 2,370,955; Mar. 6.
Guthrie, Cecil J., Kansas City, Kans. Blood testing apparatus. 2,380,168; July 10.
Guthrie, Eldred R., et al.: *See*—
Stow, Clarence E., assignor.
Guthrie, George B., East Palestine, Ohio. Dinnerware decorating machine. 2,367,722; Jan. 23.
Guthrie, James M., Allison Park, assignor to Reliance Steel Products Company, McKeesport, Pa. Portable bridge structure. 2,382,478; Aug. 14.
Guthrie, Speer W., Indiana, assignor to Pennsylvania Bituminous Coal Research, Inc., Altoona, Pa. Stoker. 2,366,783; Jan. 9.
Gutkin, Louis A., Winnipeg, Manitoba, Canada. Air circulating fan. 2,390,299; Dec. 4.
Gutkin, Samuel S., Brooklyn, N. Y., assignor to Falk & Company, Carnegie, Pa. Producing modified urea aldehyde resin. 2,374,811; May 1.
Gutkin, Samuel S., Brooklyn, N. Y., assignor to Falk & Company, Carnegie, Pa. Producing modified urea aldehyde resin. 2,374,812; May 1.
Gutkin, Samuel S., Brooklyn, N. Y., assignor to Falk & Company, Carnegie, Pa. Producing modified phenol-aldehyde resin. 2,374,813; May 1.
Gutkin, Samuel S., Brooklyn, N. Y., assignor to Falk & Company, Carnegie, Pa. Producing modified phenol aldehyde resin. 2,374,814; May 1.
Gutman, Henry, New York, N. Y. Ambulance and its equipment. 2,370,402; Feb. 27.
Gutman, Irwin: *See*—
Evans, G. E., and Gutman.
Gutman, Irwin, Lynbrook, N. Y., and G. E. Evans, deceased, Pittsburgh, Pa.; E. E. Ridge, executrix. Septic tank structure. 2,384,994; Sept. 18.
Gutman, Maurice R., Lynbrook, N. Y. Unit for drainage systems. 2,366,522; Jan. 2.
Gutmann, Otto: *See*—
Rodeck, Armin H., assignor.
Gutsell, Robert S., Carthage, N. Y. Centrifugal abrasive-sheet holding wheel. 2,377,880; June 12.
Guttmann, Eugen, Los Angeles, Calif. Vaginal speculum. 2,374,863; May 1.
Gutzwiller, Ernst, Basel, assignor to Sandoz A. G., Fribourg, Switzerland. Dyestuffs of the anthraquinone series and their manufacture. 2,377,145; May 29.
Gutzwiller, Ernst, Basel, assignor to Sandoz Ltd., Fribourg, Switzerland. Anthraquinone compounds and their manufacture. 2,386,309; Oct. 9.
Guver, Reynolds, assignor to Waldorf Paper Products Commny, St. Paul, Minn. Box. 2,374,539; Apr. 24.
Guy, Hubert G., Mount Lebanon Township, Allegheny County, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Pest control. 2,377,626; June 5.
Guyer, Edwin M., J. T. Littleton, and M. R. Shaw, Jr., assignors to Corning Glass Works, Corning, N. Y. Double glazed window and manufacture. 2,389,360; Nov. 20.
Guyer, Jesse A.: *See*—
Schulze, W. A., and Guyer.
Guyer, Reynolds, assignor to Waldorf Paper Products Company, St. Paul, Minn. Match book. 2,373,025; Apr. 3.
Guyer, Reynolds, assignor to Waldorf Paper Products Company, St. Paul, Minn. Match book. 2,375,647; May 8.
Guyer, Reynolds, assignor to Waldorf Paper Products Company, St. Paul, Minn. Container. 2,383,853; Aug. 28.
Guyer, Reynolds, and G. G. Johnston, assignors to Waldorf Paper Products Company, St. Paul, Minn. Device for measuring specific volume. 2,373,026; Apr. 3.
Guyer, Reynolds, and R. J. Hennessey, assignors to Waldorf Paper Products Company, St. Paul, Minn. Shirt protecting device. 2,377,776; June 5.
Guyer, Reynolds, and R. J. Hennessey, assignors to Waldorf Paper Products Company, St. Paul, Minn. Constructing containers. 2,387,392; Oct. 23.
Guyer, Walter R. F., Elizabeth, N. J., assignor to Standard Oil Development Company. Dehydrogenation of hydrocarbons. 2,374,932; May 1.
Guyot, Sebastienne M. H.: *See*—
Loth, W. A., and Guyot.
Guze, Emil B., assignor to F. & S. Machine Tool Company, Chicago, Ill. Safety device for drill press tables or the like. 2,368,982; Feb. 6.
Gwaltney, Eugene C., Biddeford, Maine, assignor to Saco-Lowell Shops, Boston, Mass. Cotton carding mechanism. 2,369,893; Feb. 20.
Gwaltney, Eugene C., Biddeford, and H. R. Marsh, Saco, Maine, assignors to Saco-Lowell Shops, Boston, Mass. Twister. 2,374,085; Apr. 17.
Gwaltney, Eugene C., Biddeford, and H. R. Marsh, Saco, Maine, assignors to Saco-Lowell Shops, Boston, Mass. Yarn tensioning device. 2,391,307; Dec. 18.
Gwin, Gilmore T., Baytown, Tex., assignor to Standard Oil Development Company. Production of motor fuel. 2,385,133; Sept. 18.
Gwinn, Joseph M., Jr., San Diego, and C. L. R. Smeltzer, Spring Valley, assignors to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Countersink device. 2,383,854; Aug. 28.
Gwyn, Childress B., Bannockburn, Ill., assignor, by mesne assignments, to Smaller War Plants Corporation, New York, N. Y. Self-locking nut. 2,383,545; Aug. 28.
Gwynn, Bernard H., Oakmont, Pa., and E. F. Degering, assignors to Purdue Research Foundation, Lafayette, Ind. Condensation of ketene with ketones. 2,383,965; Sept. 4.
Gygax, Ernest, St. Louis, assignor to Curtis Manufacturing Company, Wellston, Mo. Evaporator plate. 2,369,564; Feb. 13.
Gygi, Hans, Wildegg, assignor to Aktiengesellschaft Fuer Technische Studien, Zurich, Switzerland. Gas heater. 2,380,169; July 10.
Gyproc Products Limited: *See*—
Strable, Joseph F., assignor.
Gyro-Balance Corporation: *See*—
Rouy, Auguste L. M. A., assignor.

H & B American Machine Company: *See*—
Repass, George E., assignor.
Roddy, Fred M., assignor.
Walsh, S. R., and Repass, assignors.
H & G. Roos Tool and Mfg. Co.: *See*—
Kaveny, John G., assignor.
H K. Metal Craft Manufacturing Co.: *See*—
Hopp, H. P., and Kunzelman, assignors.
H P-M Development Corporation: *See*—
Toulmin, Harry A., Jr., assignor.
Haack, Erich, Radebeul near Dresden, Germany; vested in the Alien Property Custodian. Making N-sulphonylureas. 2,385,571; Sept. 25.
Haacke, Henry: *See*—
Vollmer, Walter G., assignor.
Haag, Charles J., Hohokus, N. J. Dispensing package. 2,367,019; Jan. 9.
Haag, Herbert C., Hohokus, N. J. Bayonet. 2,367,212; Jan. 16.
Haagen-Smit, Arie J.: *See*—
English, J., Jr., Bonner, and Haagen-Smit.
Haagensen, Edward A., Westport, Conn., assignor to The Dorr Company, New York, N. Y. Hydraulic sizer for suspended solids. 2,371,615; Mar. 20.
Haartz-Mason-Grower Company: *See*—
Clarke, Laurence R., assignor.
Haas, Clarence C., Richmond, Ind., assignor to International Harvester Company. Planter. 2,368,134; Jan. 30.
Haas, Fritz O.: *See*—
Spence, L. U., and Haas.
Spence, Le R. U., and Haas.
Haas, Fritz O., Villanova, assignor to Röhm & Haas Company, Philadelphia, Pa. Catalyst production. 2,384,737; Sept. 11.
Haas, Otto, Richmond Hill, assignor to Aircraft Screw Products Company, Inc., Long Island City, N. Y. Recessing wire coils. 2,385,357; Sept. 25.
Haas, Otto, Richmond Hill, assignor to Aircraft Screw Products Company, Inc., Long Island City, N. Y. Flanged nut. 2,387,257; Oct. 23.
Haas, Otto R., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Sewing and binding machine. 2,388,739; Nov. 13.
Haas, Rudolf, Berlin-Zehlendorf, Germany; vested in the Alien Property Custodian. Apparatus for the longitudinal creping of webs of paper or other sheet material. 2,376,915; May 29.
Haas, Sidney V., Jr., East Orange, assignor to Breeze Corporations, Inc., Newark, N. J. Spring coupling. 2,374,815; May 1.
Haas, Sidney V., Jr., and K. G. Strunk, East Orange, assignors to Breeze Corporation, Inc., Newark, N. J. Spring clasp for split cylinders. 2,385,202; Sept. 18.
Haas, Walter O., Jr.: *See*—
Fruth, H. F., Haas, and Walters.
Haas, Walter, Basel, assignor of one-half to Elektrizitäts-Aktiengesellschaft Wädenswil, Zurich, Switzerland. Vise. 2,387,991; Oct. 30.
Haase, Carl O., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Annealing articles. 2,369,565; Feb. 13.
Haase, Heinrich E.: *See*—
Newton, L. R., Haase, and Walter.
Haase, Henry D., Claremont, Calif. Brush. 2,390,705; Dec. 11.
Habel, Berger R.: *See*—
Houston, J. V., and Habel.
Haber, Bernard D., Dayton, Ohio. Self-igniting attachment and making the same. 2,370,306; Feb. 27.
Haberkorn, Matthew J., Oak Park, Ill. Fish lure. 2,381,279; Aug. 7.
Haberl, Herbert W., Hampstead, Quebec, Canada. Multiple signaling carrier system with relaying protection. 2,387,146; Oct. 16.
Haberland, Frederick, Cleveland, Ohio, assignor to Pesco Products Co. Valve. 2,388,406; Nov. 6.
Haberstump, Alfred H., assignor to The Murray Corporation of America, Detroit, Mich. Yoke riveter. 2,370,858; Mar. 6.
Haberstump, Alfred H., assignor to The Murray Corporation of America, Detroit, Mich. Bucking Bar and support. 2,377,416; June 5.
Haberstump, Alfred H., assignor to The Murray Corporation of America, Detroit, Mich. Burnishing tool. 2,378,843; June 19.
Haberstump, Alfred H., assignor to The Murray Corporation of America, Detroit, Mich. Washing machine. 2,389,774; Nov. 27.
Haberstump, Alfred H., Detroit, M. K. Jessup, Grosse Pointe, and N. Wolofski, assignors to The Murray Corporation of America, Detroit, Mich. Spring construction. 2,386,456; Oct. 9.
Habib, Emile E., and G. E. Gott, Arlington, assignors to Dewey and Almy Chemical Company, North Cambridge, Mass. Manufacture of articles from liquid dispersions. 2,378,700; June 19.
Habib, Emile E., and G. E. Gott, Arlington, assignors to Dewey and Almy Chemical Company, North Cambridge, Mass. Manufacture of articles from liquid dispersions. 2,378,701; June 19.
Habib, Emile E., and G. E. Gott, Arlington, assignors to Dewey and Almy Chemical Company, North Cambridge, Mass. Manufacture of articles from liquid dispersions. 2,378,702; June 19.
Habib, Emile E., and G. E. Gott, Arlington, assignors to Dewey and Almy Chemical Company, North Cambridge, Mass. Manufacture of articles from liquid dispersions. 2,378,882; June 19.
Habib, Robert: *See*—
Grobet, Georges, assignor.
Habif, Maurice, Habana, Cuba. Container. 2,374,346; Apr. 24.
Habig, Harry R., Dayton, Ohio. Intervalometer. 2,388,686; Nov. 13.
Habostad, Arne, North Tacoma, Wash. Sled. 2,367,271; Jan. 16.
Habostad, Arne, Fairbanks, Alaska. Applicator. 2,381,048; Aug. 7.
Hachmuth, Karl H., Bartlesville, Okla., assignor to Phillips Petroleum Company. Selective absorption. 2,372,668; Apr. 3.
Hachmuth, Karl H., Bartlesville, Okla., assignor to Phillips Petroleum Company. Apparatus for conducting catalytic reactions. 2,373,888; Apr. 17.
Hachmuth, Karl H., Bartlesville, Okla., assignor to Phillips Petroleum Company. Butadiene production. 2,386,310; Oct. 9.
Hachmuth, Karl H., Bartlesville, Okla., assignor to Phillips Petroleum Company. Catalytic dehydrogenation process. 2,386,947; Oct. 16.
Hachmuth, Karl H., Bartlesville, Okla., assignor to Phillips Petroleum Company. Manufacture of butadiene. 2,387,992; Oct. 30.
Hack, Frank W., Des Plaines, Ill. Boring head. 2,372,376; Mar. 27.
Hackbarth, Carl J., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for making extensible retractile cords. 2,377,003; May 29.
Hackethal, Paul F., assignor to Everel Propeller Corporation, Baltimore, Md. Hub construction for propellers. 2,370,657; Mar. 6.
Hackett, Daniel A., Wanstead, assignor to Lever Brothers & Unilever Limited, Port Sunlight, England. Apparatus for cooling soap and similar solidifiable materials. 2,385,134; Sept. 18.
Hackett, George, West Bromwich, assignor to T. I. (Group Services) Limited, Birmingham, England. Drawbench dog. 2,367,941; Jan. 23.
Hackney, Ray, Glendale, Calif. Spreader for water heaters. 2,390,248; Dec. 4.
Hacmac, Edward R., assignor of ninety percent to M. Squires, Glendale, Calif. Device for aerating and dispensing liquid products. 2,376,052; May 15.
Hacmuth, Karl H., Bartlesville, Okla., assignor to Phillips Petroleum Company. Removal of light hydrocarbons from admixture with hydrogen fluoride. 2,376,051; May 15.
Haddad, Jerrier: *See*—
Leathers, W., and Haddad.
Haddad, Nassib, iselin, N. J., assignor to United States Rubber Company, New York, N. Y. Making highly stretchable textile yarn. 2,387,321; Oct. 23.
Hadden, Edward L., Plainfield, N. J., assignor to Gibbs & Cox, Inc., New York, N. Y. Universal indicator for remote control deck sockets. 2,379,517; July 3.
Hadden, Stuart T., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Method and apparatus for catalytic alkylation. 2,386,681; Oct. 9.
Haddock, Frederick T., Texon, Tex. Pilot valve for oil and gas separators. 2,382,710; Aug. 14.
Haddock, John L., and S. Dixon, Compton, Calif. Sucker rod hanger. 2,389,045; Nov. 13.
Haddock, Norman H., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Manufacture of dyestuffs. 2,368,657; Feb. 6.
Haddock, Norman H., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Manufacture of dyestuffs. 2,368,658; Feb. 6.
Hadfield, Bertram M., Harrow Weald, England, assignor to Automatic Electric Laboratories Inc. Electric impulse signaling system. 2,366,854; Jan. 9.
Hadfield, Bertram M., Harrow Weald, England, assignor to Automatic Electric Laboratories Inc. Selective amplifier or oscillator. 2,386,892; Oct. 16.
Hadfield, James J., Disley, and D. Bamford, Middleton, England. Apparatus for effecting the shrinking or the stretching of textile fabrics. 2,374,482; Apr. 24.
Hadley Company, Inc., The: *See*—
Domler, Charles A., assignor.
Hadley, E. V.: *See*—
Steinmetz, Harry G., assignor.
Hadley, Frank W., Los Angeles, Calif. Extracting tongs. 2,382,145; Aug. 14.
Hadley, Wilfred N., assignor to Parks and Woolson Machine Company, Springfield, Vt. Seam protecting device for cloth shears. 2,375,732; May 8.
Hadley, Wilfred N., assignor to Parks & Woolson Machine Company, Springfield, Vt. Lubricating system for cloth shearing machines. 2,377,146; May 29.
Hadsel, Harry: *See*—
White, K. W., and Hadsel.

Haensel, Vladimir: *See*—
Ipatieff, V. N., and Haensel.
Thomas, C. L., and Haensel.
Haensel, Vladimir, and B. S. Friedman, assignors to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 2,378,216; June 12.
Haessler, William J., assignor to High Production Machine Co., Inc., Philadelphia, Pa. Automatic glue applying machine. 2,368,759; Feb. 6.
Häfeli, Jacob, Uster, assignor to Actiengesellschaft Joh. Jacob Rieter & Cie., Winterthur, Switzerland. Weighting device. 2,384,250; Sept. 4.
Hafemeister, Adley: *See*—
Piechowski, Leona, assignor.
Haferl, Rolf C., New York, and A. F. Hohne, assignors to The Jacobs Bros. Co., Inc., Brooklyn, N. Y. Scale. 2,388,912; Nov. 13.
Hafsos, Martin O., Aberdeen, S. Dak. Building unit and construction. 2,387,659; Oct. 23.
Hage, Olof, Goteborg, Sweden. Combination lock. 2,380,645; July 31.
Hage, Oscar, assignor of twenty-five to L. W. Moen and and twenty-five per cent to S. O. Moen, Culbertson, Montana. Device for removing and applying chain links. 2,379,001; June 26.
Hagedorn, David O., and E. Blanco, Los Angeles, Calif. Connector socket. 2,385,915; Oct. 2.
Hagedorn, Gerhard, Berlin-Lichterfelde-West, Germany; vested in the Alien Property Custodian. Device for electric resistance welding. 2,382,711; Aug. 14.
Hageline, Emil E.: *See*—
Lathrop, H. D., and Hageline.
Hagemann, John R., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Turbine control apparatus. 2,386,110; Oct. 2.
Hagemeyer, Henry F., assignor to Castings Patent Corporation, Chicago, Ill. Mold form. 2,382,053; Aug. 14.
Hagemeyer, Hugh J., Jr., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Stabilization of zein solutions. 2,380,429; July 31.
Hagen, Eugene F., St. Louis, and H. E. Muench, University City, Mo. Clamp. 2,381,349; Aug. 7.
Hagen, Harold F., Millis, assignor to B. F. Sturtevant Company, Boston, Mass. Fan cooling system. 2,384,088; Sept. 4.
Hagen, Harold F., Wellesley, assignor to B. F. Sturtevant Company, Hyde Park, Boston, Mass. Propeller fan. 2,390,879; Dec. 11.
Häger, Bror O., assignor to Bolidens Gruvaktiebolag, Stockholm, Sweden. Impregnating solutions. 2,366,612; Jan. 2.
Häger, Bror O., assignor to Bolidens Gruvaktiebolag, Stockholm, Sweden. Wood preservative. 2,384,026; Sept. 4.
Häger, Bror O., and S. B. Kjellström, assignors to Bolidens Gruvaktiebolag, Stockholm, Sweden. Process and device for full-cell treatment of timber or similar material. 2,384,027; Sept. 4.
Hager, Hilmer B., Chicago, Ill. Oil burner. 2,391,567; Dec. 25.
Hagg, Arthur C., Wilkinsburg, and J. Boyd, Forest Hills, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Dynamometer. 2,389,361; Nov. 20.
Hagnauer, Hilbert W., et al.: *See*—
Gruner, William P., assignor.
Hagner, Frederick H., San Antonio, Tex. Star identifier. 2,372,487; Mar. 27.
Hagner, Frederick H., San Antonio, Tex., assignor to Archbold-Hagner Instrument Laboratory, Inc. Missile dispensing device. 2,389,851; Nov. 27.
Hagner, Frederick H., San Antonio, Tex. Azimuth and altitude measuring device. 2,389,852; Nov. 27.
Hagren, Nils U.: *See*—
Alexandersson, H. V., and Hagren.
Hagstrom, Gotthard, Berlin, assignor to The H. B. Ives Company, New Haven, Conn. Casement window operator. 2,366,613; Jan. 2.
Hagstrom, Jerome E.: *See*—
Andalikiewicz, B. A., Carlson, and Hagstrom.
Hague, Alfred, Ossining, N. Y. Thermal applicator. 2,387,258; Oct. 23.
Hague, Eugene: *See*—
Gunn, F. G., and Hague.
Hague, Wesley McL.: *See*—
Clinkscale, R. W., Hague, and Sylvester.
Hahir, Ward H.: *See*—
Schlage, W. R., and Hahir.
Hahir, Ward H., San Mateo, assignor to Schlage Lock Company, San Francisco, Calif. Wheel contour dresser. 2,380,693; July 31.
Hahn, Clarence E: *See*—
Brown, C. A., and Hahn.
Hahn, Harold V., and D. E. Phillips, Cleveland, Ohio. Lady's tuck comb. 2,372,080; Mar. 20.
Hahn, Herman J., Napoleon, Ohio, assignor to The Oliver Corporation. Corn harvester. 2,372,569; Mar. 27.
Hahn, Leonard E., Kansas City, Mo., assignor to Certain-teed Products Corporation, New York, N. Y. Apparatus for impregnating webs. 2,385,916; Oct. 2.
Hahn, Lewis F., Hatboro, Pa., assignor to Air-Shields, Inc. Shielded electrical connection. 2,367,175; Jan. 9.
Hahn, Marianne H.: *See*—
Hermann, S., Hahn, and Dorer.
Hahn, Otto W., assignor to Industrial Research Laboratories, Ltd., San Francisco, Calif. Burner control apparatus. 2,381,215; Aug. 7.
Hahn, Stuart H., Williamsville, assignor to The B. F. Goodrich Company, New York, N. Y. Vibration isolation. 2,383,645; Aug. 28.
Hahn, William C., Scotia, N. Y., assignor to General Electric Company. Electronic apparatus. 2,389,903; Nov. 27.
Haidler, John V.: *See*—
Langford, G. W., Barrows, and Haidler.
Haig, Paul, assignor to Inland Steel Company, Chicago Ill. Drive mechanism. 2,366,523; Jan. 2.
Haigh, Hezekiah, Scotia, N. Y., assignor to General Electric Company. Making elastic fluid turbine diaphragms and the like. 2,373,558; Apr. 10.
Haight, Norman L., Glen Ridge, assignor to Sperry Products, Inc., Hoboken, N. J. Follow-up mechanism. 2,390,787; Dec. 11.
Haigis, Carleton D., Martinsville, N. J. Radio control unit with interference suppression. 2,379,799; July 3.
Hailes, William D., Brighton, and F. W. Brixner, Gates, assignors to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. 2,368,826; Feb. 6.
Haines, Harry F., assignor to The Timken Roller Bearing Company, Canton, Ohio. Fuel injector. 2,379,399; June 26.
Haines, Harvey A., Philadelphia, assignor to The Union Switch and Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,367,723; Jan. 23.
Haines, John F.: *See*—
MacNeil, C. S. J., Haines, Martin, and Berninger.
Haines, John F., and T. B. Martin, Dayton, Ohio, assignors to General Motors Corporation. Propeller control mechanism. 2,391,699; Dec. 25.
Haines, Paul G.: *See*—
Woodward, C. F., Elsner, and Haines.
Haines, Robert B., 3rd, Near Hereford, Pa. Continuous press. 2,367,677; Jan. 23.
Hainsworth, William R., Larchmont, assignor to Servel, Inc., New York, N. Y. Steam generating apparatus. 2,368,467; Jan. 30.
Hajny, Charles E.: *See*—
Wantz, C., and Hajny, assignors.
Hajos, Eugene, Jamaica, assignor to Ampat Corp., New York, N. Y. Resilient tire and the like. 2,389,430; Nov. 20.
Hakki, Ismail, New York, N. Y. Auxiliary electrode support. 2,385,440; Sept. 25.
Halbach, Howard L., Clarksburg, W. Va., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Wall structure for tanks. 2,377,080; May 29.
Haldane, James M., Palos Heights, assignor to H. W. Anderson, doing business as Brass Products Co., Chicago, Ill. Faucet. 2,372,081; Mar. 20.
Haldeman-Julius, Henry, Downey, Calif. Television method and apparatus. 2,367,272; Jan. 16.
Hale, Arthur N., Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Rotary take-up for sewing machines. 2,371,518; Mar. 13.
Hale, Arthur N., Stratford, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Ruffling and stitching machine. 2,377,777; June 5.
Hale, Arthur N., Stratford, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Loop-taker transmission mechanism for turning stitching sewing machines. 2,391,155; Dec. 18.
Hale, Charles B.: *See*—
Van Tuyl, T., and Hale.
Hale Company: *See*—
Hirsch, Frederic, assignor.
Hale, Frank B., San Francisco, Calif. Vehicle headlight control. 2,376,769; May 22.
Hale, Frank B., and O. I. Gaines, Edgewood Arsenal, Md., assignors to Patrick J. Hurley, Secretary of War, of the United States, as trustee for The United States of America. Apparatus for producing fibrous filters. 2,386,792; Oct. 16.
Hale, Frank C.: *See*—
Finlayson, D., and Hale.
Hale, Jackson T., assignor of one-fifth to A. Sams, Atlanta, Ga. Sheet feeding mechanism. 2,375,989; May 15.
Hale, James E., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Bead lock. 2,381,382; Aug. 7.
Hale, Jesse W., Newton, Mass. Brake or clutch operator. 2,370,859; Mar. 6.
Hale, Walter S.: *See*—
Balls, A. K., Hale and Harris.
Hale, William J., Midland, Mich., and L. A. Underkofler, Ames, Iowa, assignors to National Agrol Company, Inc., Washington, D. C. Preparation of methyl vinyl ketone. 2,371,577; Mar. 13.
Halek, Frank, assignor to Bluhal Specialty Company, Cleveland, Ohio. Adjustable wear plate for pin setting frames. 2,379,148; June 26.
Haley, Hugh D., Drexel Hill, Pa., and J. J. Burke, assignors to American Viscose Corporation, Wilmington, Del. Centrifugal bucket assembly. 2,375,469; May 8.
Halford, Elaine, et al.: *See*—
Blalock, Henry H., assignor.

Halford, Frank B., Edgware, J. L. P. Brodie, London, and R. Miller, Edgware, assignors to The De Havilland Aircraft Company, Limited, Edgware, Middlesex, England. Construction of cams. 2,369,043; Feb. 6.

Halford, Frank B., Edgware, J. L. P. Brodie, London, and R. Miller, assignors to The De Havilland Aircraft Company, Limited, Edgware, England. Manufacture of pieces which are shaped by grinding. 2,373,827; Apr. 17.

Halford, Frank B., Edgware, and P. J. Wallace, Harrow Weald, assignors to D. Napier and Son Limited, London, England. Apparatus for the control of internal-combustion engines. 2,383,719; Aug. 28.

Halicki, William A., Detroit, Mich., and D. B. Gordon, Corvallis, Oreg., assignors to National Steel Corporation. Roof structure. 2,372,827; Apr. 3.

Hall, Albert, Philadelphia, Pa. Nonskid walking spur. 2,370,240; Feb. 27.

Hall, Archibald J., and F. C. Wood, assignors to Tootal Broadhurst Lee Company Limited, Manchester, England. Treatment of wool. 2,367,273; Jan. 16.

Hall, Asa W., Watseka, Ill. Ground working tool lift. 2,381,588; Aug. 7.

Hall, Blanche F., Kansas City, Mo. Corset and combination garment. 2,381,953; Aug. 14.

Hall, Charles T., Deptford, assignor to Molins Machine Company Limited, Deptford, London, England. Cartridge feeding mechanism for automatic guns. 2,366,395; Jan. 2.

Hall, Charles T., Deptford, assignor to Molins Machine Company, Limited, London, England. Mechanism for opening and ejecting the contents of boxes. 2,368,020; Jan. 23.

Hall, Charles T., and R. W. Harris, Deptford, London, S. E. 8, England. Machine for manipulating belts of cartridges for automatic guns. 2,390,097; Dec. 4.

Hall, Charles T., and R. W. Harris, London, S. E. 8, England. Machine for inserting cartridges into cartridge belts for automatic guns. 2,391,568; Dec. 25.

Hall, Charles W., assignor to Malcom S. Losey, Denver, Colo. Rotary valve. 2,369,566; Feb. 13.

Hall, Clarence A., assignor to The Electric Storage Battery Company, Philadelphia, Pa. Making storage battery retainers. 2,374,540; Apr. 24.

Hall, Earl D.: *See*—
Stinson, E. C., and Hall.

Hall, Edward F., assignor of one-half to W. A. Kostick, Minneapolis, Minn. Decalcomania seal. 2,378,078; June 12.

Hall, Edward T., New York, N. Y. Yarn winding frame. 2,373,393; Apr. 10.

Hall, Edwin L.: *See*—
Chaney, N. K., and Hall.

Hall, Edwin L., Philadelphia, Pa., assignor to The United Gas Improvement Company. Production of valuable hydrocarbons. 2,371,616; Mar. 20.

Hall, Edwin L., Philadelphia, Pa., assignor to The United Gas Improvement Company. Production of valuable hydrocarbons. 2,372,197; Mar. 27.

Hall, Edwin L., Philadelphia, Pa., assignor to The United Gas Improvement Company. Recovery of valuable hydrocarbons. 2,379,518; July 3.

Hall, Edwin L., Philadelphia, and H. R. Batchelder, Drexel Hill, Pa., assignors to The United Gas Improvement Company. Dehydrating tar. 2,366,899; Jan. 9.

Hall, Edwin L., and H. G. Terzian, Philadelphia, Pa., assignors to the United Gas Improvement Company. Production of valuable hydrocarbons. 2,372,198; Mar. 27.

Hall, Edwin L., Manchester, N. H., and H. R. Batchelder, Drexel Hill, Pa., assignors to The United Gas Improvement Company. High boiling unsaturated products of petroleum pyrolysis and heat polymers therefrom. 2,387,259; Oct. 23.

Hall, Elisha W., Scituate, and A. S. Rock, assignors to F. L. & J. C. Codman Company, Rockland, Mass. Rotary buffing tool. 2,376,063; May 15.

Hall, Elmo, Denver, Colo. Combined coat and skirt hanger. 2,381,159; Aug. 7.

Hall, Erik H., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit interrupter. 2,381,353; Aug. 7.

Hall, Frank W., Brackenridge, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Treating plastic compositions. 2,381,495; Aug. 7.

Hall, George F., Manchester, N. H. Hydraulic power transmission. 2,378,884; June 19.

Hall, Harry C., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Tuning device with stop mechanism. 2,377,790; June 5.

Hall, Harry E., assignor to General Timber Service, Inc., St. Paul, Minn. Expansible wood downspout. 2,373,394; Apr. 10.

Hall, Harvey H., Denver, Colo. Electrode holder. 2,367,724; Jan. 23.

Hall, Helen J., Jr.: *See*—
Hall, Willard C., Jr.

Hall, Homer J., Roselle, N. J., assignor to Standard Oil Development Company. Hydrocarbon condensation process. 2,380,234; July 10.

Hall, Horace W., Newton, Mass. Laminated article and manufacture. 2,370,033; Feb. 20.

Hall, Ike D., Baytown, Tex., assignor to Standard Oil Development Company. Separating acetylenes from light hydrocarbons. 2,388,913; Nov. 13.

Hall, James B., Nashville, Tenn. Ship launching device. 2,387,147; Oct. 16.

Hall, John L., Charleston, W. Va. Production of formaldehyde. 2,384,028; Sept. 4.

Hall, John R., Chicago, Ill., assignor to International Harvester Company. Grinding mill. 2,389,505; Nov. 20.

Hall, Joseph M., Chicago, Ill., assignor to Drying & Concentrating Company. Apparatus for removing moisture from liquid products. 2,367,770; Jan. 23.

Hall Laboratories, Inc: *See*—
Jackson, Henry A., assignor.
Partridge, Everett P., assignor.

Hall, Leigh B., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Illuminating device. 2,373,559; Apr. 10.

Hall, Lewis H., Springfield, Mass. Trouser hanger. 2,379,634; July 3.

Hall, Lloyd A., assignor to The Griffith Laboratories, Inc., Chicago, Ill. Capsicum-containing seasoning composition. 2,385,412; Sept. 25.

Hall, Mora S., Brentwood, and A. B. and W. Bornstein, Takoma Park, Md. Plugless valve. 2,387,660; Oct. 23.

Hall, Norman, Durham, England. Manufacture of smal. drilled and tapped parts such as hexagon and other nuts. 2,371,440; Mar. 13.

Hall, Preston M., Worcester, Mass. Electrode holder. 2,374,284; Apr. 24.

Hall, Preston M., Worcester, Mass. Electrode holder. 2,390,936; Dec. 11.

Hall, Roy M., Laredo, Tex., assignor of one-half to S. Konaszewski, Brooklyn, N. Y. Piston for internal-combustion engines. 2,380,907; July 31.

Hall, Russell M., Philadelphia, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. 2,368,842; Jan. 30.

Hall, Stanley A.: *See*—
Palkin, S., and Hall.

Hall, Stanley A., Mt. Rainier, Md., and B. V. Travis and H. A. Jones, Orlando, Fla.; dedicated to the free use of the people of the territory of the United States. Insect-repellent composition. 2,390,249; Dec. 4.

Hall, Theodore P., San Diego, Calif., assignor to Consolidated Vultee Aircraft Corporation. Releasable load compartment for aircraft. 2,370,307; Feb. 27.

Hall, Theodore P., assignor to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Airplane fairings. 2,381,350; Aug. 7.

Hall, Theodore W.: *See*—
Hogan, J. H., Kettler, Judkins, and Hall.

Hall, Tudor N., Highlands, N. C. Electric hot water heater. 2,376,537; May 22.

Hall, W. F., Printing Company: *See*—
Blow, Richard, assignor.

Hall, Walter T., Winchester, assignor to Arthur D. Little, Inc., Cambridge, Mass. Distillation heat exchange method and apparatus. 2,379,519; July 3.

Hall, Wayne C.: *See*—
Gunn, R., and Hall.

Hall, Wesley F., assignor to Hanson-Van Winkle-Munning Company, Matawan, N. J. Apparatus for electrogalvanizing. 2,377,550; June 5.

Hall, Willard C., Jr., assignor to Helen J. Hall, Jr., Los Angeles, Calif. Magnetic polarity changing circuit. 2,387,016; Oct. 16.

Hall, William H., Jr., assignor to Thermoid Company, Trenton, N. J. Composite yarn and fabric. 2,388,140; Oct. 30.

Hallander, Josef A., Stockholm, Sweden. Box switch. 2,383,546; Aug. 28.

Hallberg, Elmer E., and C. F. Vinci, assignors to Rockford Machine Tool Company, Rockford, Ill. Actuating system for machine tools. 2,377,627; June 5.

Hallead, Mervil, Detroit, Mich., and P. R. Fechheimer, assignors to The Karl Kiefer Machine Company, Cincinnati, Ohio. Folding the ends of collapsible tubes. 2,389,506; Nov. 20.

Hallenius, Alfred R., Spokane, and Fred F. Feese, Republic, Wash. Water filter. 2,372,570; Mar. 27.

Haller, Herbert L. J.: *See*—
Barthel, W. F., and Haller.
Gertler, S. I., and Haller.

Haller, John, Northville, Mich. Automatic feed mechanism for punching and stamping presses. 2,379,002; June 26.

Hallett, Albert A.: *See*—
Goddard, A. W., and Hallett.

Hallett, Alfred, Los Angeles, assignor to Hallett Manufacturing Company, Inglewood, Calif. Combination coil and resistor shield. 2,367,396; Jan. 16.

Hallett, Alfred, Los Angeles, assignor to Hallett Manufacturing Company, Inglewood, Calif. Battery and magneto switch shield. 2,377,628; June 5.

Hallett, Edward D., Phoenix, Ariz. Rubber substitute and making same. 2,366,396; Jan. 2.

Hallett Manufacturing Company: *See*—
Hallett, Alfred, assignor.

Hallewell, Harold S., Hillingdon, England. Renovating worn gap gauges. 2,384,674; Sept. 11.

Hallinan, William W., Mendota, Ill. Heating system. 2,369,044; Feb. 6.

Hallinan, William W., Mendota, Ill. Filter. 2,389,431; Nov. 20.

Hallman, Alvin O.: *See*—
Butt, C. A., and Hallman.

Hallman, Eric B., Conshohocken, and C. C. Weaver and C. A. McGough, Jr., assignors to Electric Service Supplies Company, Philadelphia, Pa. Multiple reflector for lighting units. 2,369,894; Feb. 20.

Hallmark, Clyde E., Fort Wayne, Ind., assignor to Farnsworth Television and Radio Corporation. Keystone correction circuit. 2,366,902; Jan. 9.

Hallmark, Clyde E., Fort Wayne, Ind., assignor to Farnsworth Television and Radio Corporation. Keystone correction circuit. 2,369,824; Feb. 20.

Hallmark, Clyde E., Fort Wayne, Ind., assignor to Farnsworth Television and Radio Corporation. Impulse amplifier. 2,375,551; May 8.

Hallock, Eugene D., Buffalo, N. Y., assignor to the Government of the United States of America, as represented by the Secretary of War and his successors in office. Clasp. 2,380,430; July 31.

Hallock, Robert L., Larchmont, N. Y., assignor to Elastic Stop Nut Corporation of America, Union, N. J. Fastening device. 2,374,679; May 1.

Hallock, Robert L., Larchmont, N. Y. Suction nozzle for vacuum cleaners. 2,377,778; June 5.

Hallock, Robert L., Larchmont, N. Y. Grid for ice trays. 2,378,845; June 19.

Halloran, Clara I., administratrix: *See*—
Halloran, Thomas F.

Halloran, Thomas F., New York, N. Y., deceased, C. I. Halloran, administratrix. Safety nonglow cigarette or cigar shield. 2,366,686; Jan. 2.

Hallowell, Howard T., Jr., assignor to Pennsylvania Manufacturing Company, Jenkintown, Pa. Indexing means for rotary worktables. 2,376,137; May 15.

Hallowell, Howard T., Jr., assignor to Pennsylvania Manufacturing Company, Jenkintown, Pa. Transfer mechanism. 2,380,306; July 10.

Hallows, Raymond L., and F. B. Barrett, Joplin, Mo., assignors to The Eagle-Picher Lead Company, Cincinnati, Ohio. Manufacturing lead silicate. 2,366,255; Jan. 2.

Hallows, Raymond L., and F. Clearman, Joplin, Mo., assignors to The Eagle-Picher Lead Company, Cincinnati Ohio. Manufacture of zinc oxide. 2,368,922; Feb. 6.

Hallstrom, Charles A., and R. E. Tibbetts, Worcester, Mass., assignors to The American Steel and Wire Company of New Jersey. Making springs. 2,388,537; Oct. 6.

Halperin, J. Stanley, et al.: *See*—
Wolfers, Philip, assignor.

Halpert, John, and E. Lambert, Brooklyn, N. Y. Grip hanger. 2,385,076; Sept. 18.

Halstead, John F., Brooklyn, N. Y., assignor to International Cigar Machinery Company. Cigar machine locking mechanism. 2,376,355; May 22.

Halstead, John F., Brooklyn, N. Y., assignor to International Cigar Machinery Company. Bunch locating and transfer mechanism. 2,389,256; Nov. 20.

Halstead, William S., Huntington, N. Y. Automatic recording and reproducing system. 2,385,701; Sept. 25.

Halstead, William S., Huntington, N. Y., assignor, by mesne assignments, to Farnsworth Television & Radio Corporation, Fort Wayne, Ind. Carrier wave signaling system. 2,389,257; Nov. 20.

Halverson, Clarence O., Mason City, Iowa. Stock feeder. 2,371,617; Mar. 20.

Hambrick, Hood, Houston, Tex. Flexible measuring tape attachment. 2,371,441; Mar. 13.

Hamer, August M., Liberty, Tex. Pump. 2,366,397; Jan. 2.

Hamer, Leland S., Long Beach, assignor of one-fourth to P. A. Dewhirst, Los Angeles, Calif. Line blind. 2,386,893; Oct. 16.

Hamer, Leland S., Long Beach, Calif. Valve. 2,389,194; Nov. 20.

Hamill, Hugh, Portland, Oreg. Steering apparatus. 2,368,135; Jan. 30.

Hamill, William H., and R. R. Vogt, Notre Dame, Ind., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Absorption and recovery of acetylene by a cryogenic method. 2,383,547; Aug. 28.

Hamilton, Alfred E., Pittsburgh, Pa. Grinding roll. 2,368,760; Feb. 6.

Hamilton Associated Industries: *See*—
Antalek, John J.

Hamilton, Francis E.: *See*—
Lake, C. D., and Hamilton.

Hamilton, Frank C., Newark, N. J. Projectile game. 2,382,146; Aug. 14.

Hamilton, George E., assignor to Keystone View Company, Meadville, Pa. Attachment for picture projecting apparatus. 2,387,441; Oct. 23.

Hamilton, George E., Meadville, Pa., assignor to Keystone View Company. Device for visual training. 2,387,442; Oct. 23.

Hamilton, James K., Plainfield, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Divergent-outlet cutting torch. 2,373,309; Apr. 10.

Hamilton, Lyle A., Pitman, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Phosphonamide. 2,382,309; Aug. 14.

Hamilton, Lyle A., and R. C. Moran, Wenonah, and A. R. Cattell, Pitman, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Mineral wax composition. 2,371,289; Mar. 13.

Hamilton Manufacturing Company: *See*—
Berger, Guido F., assignor.
Froelich, George E., assignor.
Geimer, Anthony P., assignor.

Hamilton Metal Products Company, The: *See*—
Piker, Herbert M., assignor.

Hamilton, Norman, Deerfield, and W. Stern, Chicago, assignors to Montgomery Ward & Co., Incorporated, Chicago, Ill. Sealing cartons. 2,368,214; Jan. 30.

Hamilton, Ray C., Marion, Ohio. Tractor crane. 2,378,008; June 12.

Hamilton, Samuel B., Knoxville, Tenn. Incendiary bomb. 2,383,720; Aug. 28.

Hamilton, Van A., Palestine, Tex. Constructing walls. 2,375,648; May 8.

Hamilton, Virgil: *See*—
Antalek, John J., assignor.

Hamilton, Vivian E., Jr., Shreveport, La. Loading and unloading apparatus. 2,371,887; Mar. 20.

Hamilton, Wallace, assignor to Draper Corporation, Hopedale, Mass. Picking mechanism. 2,380,170; July 10.

Hamilton, Walter Arlee, Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Heavy-media fine ore concentration. 2,369,393; Feb. 13.

Hamilton Watch Company: *See*—
Bennett, William O., Jr., assignor.
Bennett, W. O., Jr., and Drescher, assignors.
Breen, W. F., and Good, assignors.
Drescher, Ernest W., assignor.
Henry, Ralph W., assignor.
Hovis, Harry Le R., assignor.
Le Van, James O., assignor.
Mentzer, Ralph B., assignor.
Paroz, P. N., and Grisdale, assignors.
Weaver, Harry D., assignor.

Hamlin, Josephine, Cold Spring Harbor, N. Y. Detachable arm shield for garments. 2,369,229; Feb. 13.

Hamm, Douglas: *See*—
Lane, P. S., and Hamm.

Hammarlund Manufacturing Company, Incorporated, The: *See*—
Whitaker, James N., assignor.

Hammer, Charles F.: *See*—
Canetta, J., and Hammer.

Hammer, Nathan, New York, N. Y. Time indicating mechanism. 2,380,171; July 10.

Hammer, Otto, assignor to Security Engineering Co., Inc., Whittier, Calif. Apparatus for multiple stage cementing. 2,384,675; Sept. 11.

Hammermill Paper Company: *See*—
Samson, E. W., and Croup, assignors.

Hammerstrom, Oscar: *See*—
Hodgkins, C. H., and Hammerstrom.

Hammon, Alberta M., executrix: *See*—
Hammon, James H.

Hammon, James H., deceased, Vincennes, Ind.: A. M. Hammon, executrix. Making multifocal ophthalmic lens blanks. 2,388,687; Nov. 13.

Hammond, Benjamin M., Colusa, Calif. Fishhook. 2,385,274; Sept. 18.

Hammond, Charles F., Grosse Pointe, assignor to Gemmer Manufacturing Company, Detroit, Mich. Irreversible transmission. 2,371,442; Mar. 13.

Hammond, Edgar S., Bloomfield, N. J., assignor to Blaw-Knox Company. Combustion of coal. 2,385,508; Sept. 25.

Hammond, Edmund B., Brooklyn, and D. J. Campbell, Richmond Hill, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Range finder. 2,382,991; Aug. 21.

Hammond, Elmer H., Fairfield, and E. H. Grauel, Bridgeport, Conn., assignors to Manning, Maxwell & Moore, Incorporated, New York, N. Y. Fluid pressure signal. 2,373,755; Apr. 17.

Hammond, Ernest V., Columbia, Miss. Animal trap. 2,376,591; May 22.

Hammond, Harris: *See*—
Hicks, William H., assignor.

Hammond Instrument Company: *See*—
Hanert, John M., assignor.
White, Robert J., assignor.

Hammond Iron Works, et al.: *See*—
Kopf, Robert Y., assignor.

Hammond, John H., Jr., Gloucester, Mass. Steering mechanism for vessels. 2,369,456; Feb. 13.

Hammond, Laurens, Chicago, Ill. Camera shutter. 2,383,381; Aug. 21.

Hammond Machinery Builders, Inc.: *See*—
Antrim, Charles H., assignor.
Harrison, Norman A., assignor.
Krueger, Edward C., assignor.
Losey, Arthur H., assignor.

Hammond, Richard N., Longview, Wash., assignor to General Timber Service, Inc., St. Paul, Minn. Preservation and fireproofing of wood. 2,381,049; Aug. 7.

Hamnett, Aurora C., executrix: *See*—
Hamnett, Samuel A.

Hamnett, Samuel A., deceased, Los Angeles, Calif.: A. C. Hamnett, executrix. Marking device. 2,383,646; Aug. 28.

Hampel, Clifford A., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Bleaching cellulosic material. 2,367,771; Jan. 23.

Hampson, Frederick W., assignor to Plating Processes Corporation, Holyoke, Mass. Electroplating process. 2,372,488; Mar. 27.

Hampson, Frederick W., assignor to Plating Processes Corporation, Holyoke, Mass. Leak detector for electrolyte tanks. 2,372,489; Mar. 27.

Hampson, Frederick W., assignor to Plating Processes Corporation, Holyoke, Mass. Electroplating apparatus. 2,389,904; Nov. 27.

Hampton, Burt L.: *See*—
Hasselstrom, T., and Hampton.

Hampton, John H., Oaklyn, N. J., assignor to Beaumont Birch Company, Philadelphia, Pa. Conveyer. 2,379,351; June 26.

Hampton, Leon N., New York, N. Y., and A. H. Shangle, Roselle, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric heating unit. 2,369,045; Feb. 6

Hampton, Weldon O., assignor to The Delta Star Electric Company, Chicago, Ill. Electric expansion joint. 2,368,923; Feb. 6.

Hamrick, Obie E., Erie, Pa. Brake release valve. 2,388,538; Nov. 6.

Hanak, Frank J., assignor of fifty per cent to J. Stelnicki, Toledo, Ohio. Combined eye shield and guard. 2,382,147; Aug. 14.

Hananer, Henry J.: *See*—
Groth, A., and Hanauer.

Hanawalt, Joseph D., assignor to The Dow Chemical Company, Midland, Mich. Magnesium base alloy. 2,380,838; July 31.

Hanawalt, Joseph D., and T. M. Hess, assignors to The Dow Chemical Company, Midland, Mich. Production of metallic magnesium. 2,384,835; Sept. 18.

Hance, Francis E., Honolulu, Territory of Hawaii. Herbicides. 2,370,349; Feb. 27.

Hanchett Manufacturing Co.: *See*—
Hanchett, Ralph V., assignor.

Hanchett, Ralph V., assignor to Hanchett Manufacturing Co., Big Rapids, Mich. Grinding apparatus. 2,371,582; Mar. 13.

Hancock Oil Company of California: *See*—
Hancock, William T., assignor.

Hancock, Peter F.: *See*—
Robiette, A. G. E., and Hancock.

Hancock Manufacturing Company: *See*—
Marple, Rollo, assignor.

Hancock, William O., Knoxville, Iowa. Cultivator attachment. 2,368,136; Jan. 30.

Hancock, William T., assignor to Hancock Oil Company of California, Long Beach, Calif. Polymerization of oils. 2,383,189; Aug. 21.

Hand, William L., Chicago, Ill. Control device for heat exchange system. 2,380,839; July 31.

Handelsman, Bert, West Bridgewater, Pa. Safety shoe toe. 2,381,280; Aug. 7.

Handforth, Stanley L., Wilmington, Del., and C. R. Johnson, Glenn Mills, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Electric blasting initiator. 2,376,427; May 22.

Handler, Charles: *See*—
Billinghurst, Wilfred A., assignor.

Handley, Ernest W., Arlington, and W. Segerstrom, Somerville, Mass. Vending machine. 2,384,089; Sept. 4.

Handley, Guy F., Minneapolis, Minn. Antiglare device. 2,382,875; Aug. 14.

Handley, Harold D., Hamilton, Ohio, assignor to American Can Company, New York, N. Y. Feeding and blanking die mechanism. 2,366,728; Jan. 9.

Handley, John, Ferndown, Northwood Hills, Northwood, Middlesex, assignor to Standard Telephones and Cables Limited, London, England. Machine for manufacturing soldered parts. 2,367,274; Jan. 16.

Handley, William C.: *See*—
Quayle, Joshua C., and Handley.

Handy & Harman: *See*—
Leach, Robert H., assignor.

Hanemann, Herman G., Radburn, N. J., assignor to The Lindsay Wire Weaving Company, Cleveland, Ohio. Diamond die drilling machine. 2,388,610; Nov. 6.

Hanert, John M., Wilmette, assignor to Hammond Instrument Company, Chicago, Ill. Sound recording method and apparatus. 2,373,560; Apr. 10.

Hanert, John M., Wilmette, assignor to Hammond Instrument Company, Chicago, Ill. Electrical musical apparatus. 2,382,413; Aug. 14.

Hanes, Allen T., Jr., Columbus, Ohio. Tool setting gauge. 2,380,593; July 31.

Hanes, Merle H., Wood River, Ill., assignor to Olin Industries, Inc. Electric induction furnace. 2,385,983; Oct. 2.

Hanes, P. H., Knitting Company: *See*—
Hanes, Pleasant H., assignor.

Hanes, Pleasant H., assignor to P. H. Hanes Knitting Company, Winston-Salem, N. C. Garment. 2,377,004; May 29.

Haney, Clifford I., and M. E. Martin, Cumberland, Md., assignors to Celanese Corporation of America. Production of insulation materials. 2,367,275; Jan. 16.

Haney, Clifford I., and M. E. Martin, Cumberland, Md., assignors to Celanese Corporation of America. Production of absorbent materials. 2,372,690; Apr. 3.

Haney, Clifford I., Greenwich, Conn., M. E. Martin, and T. E. McGoury, Cumberland, Md., assignors to Celanese Corporation of America. Treatment of wood. 2,369,195; Nov. 20.

Haney, Clifford I., and M. E. Martin, Cumberland, Md., assignors to Celanese Corporation of America. Treating cellulosic materials. 2,391,569; Dec. 25.

Hanford, William E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymeric esters. 2,371,990; Mar. 20.

Hanford, William E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymerizing olefinic hydrocarbons. 2,373,561; Apr. 10.

Hanford, William E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Copolymers of maleic anhydride. 2,378,629; June 19.

Hanford, William E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Organic polysilicon esters. 2,386,793; Oct. 16.

Hanford, William E., Easton, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydrogen-modified polymers of ethylene. 2,387,755; Oct. 30.

Hanford, William E., and J. R. Roland, Wilmington, Del., and H. S. Young, Fairville, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymerizing ethylene. 2,377,779; June 5.

Hanford, William E., and J. R. Roland, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of esters. 2,378,009; June 12.

Haniach, Arthur, et al.: *See*—
Walliser, Robert E., assignor.

Hanke, William T., Detroit, Mich. Utensil handle. 2,368,297; Jan. 30.

Hanke, William T., Detroit, Mich. Utensil handle. 2,370,860; Mar. 6.

Hanke, William T., Detroit, Mich. Antisiphoning plug. 2,373,470; Apr. 10.

Hankinson, Cloyce L., Milwaukee, assignor to Carnation Company, Oconomowoc, Wis. Producing crystalline rennin. 2,376,848; May 22.

Hanle, Benjamin W., Elizabeth, N. J., assignor to Eagle Pencil Company. Typewriter eraser. 2,386,948; Oct. 16.

Hanley, Albert J., Edgewood, R. I., assignor to Bakelite Corporation, New York, N. Y., and Respro Inc., Cranston, R. I. Moldable fiber composition. 2,378,477; June 19.

Hanley, Edmund C., Muskegon, Mich. Combination separable salt-and-pepper shaker. 2,376,855; May 29.

Hanley, Edward J., Kingston, N. Y., assignor to Hercules Powder Company, Wilmington, Del. Electric squib. 2,370,159; Feb. 27.

Hanley, Frank H., Butler, N. J., assignor to American Telephone and Telegraph Company. Telegraph system. 2,376,248; May 15.

Hanley, Frank H., Butler, N. J., assignor to American Telephone and Telegraph Company. Telegraph system. 2,383,788; Aug. 28.

Hanlon, Robert H., and F. B. Farnsworth, assignors to The Ohio Injector Company, Wadsworth, Ohio. Injector. 2,381,216; Aug. 7.

Hann, William H., Hackettstown, N. J. Tennis court marker. 2,377,780; June 5.

Hanna, Clinton R., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Voltage regulating system. 2,374,012; Apr. 17.

Hanna, Clinton R., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Stabilizing and positioning apparatus. 2,381,160; Aug. 7.

Hanna, Clinton R., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Velocity-compensated control mechanism. 2,385,204; Sept. 18.

Hanna, Clinton R., and W. O. Osbon, Pittsburgh, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Phase responsive governor system. 2,383,306; Aug. 21.

Hanna, Clinton R., Pittsburgh, and S. J. Mikina and L. B. Lynn, Wilkinsburg, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electric turret traverse. 2,385,203; Sept. 18.

Hanna, Clinton R., Pittsburgh, S. J. Mikina, and L. B. Lynn, Wilkinsburg, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Gyroscope. 2,389,775; Nov. 27.

Hanna, Henry M., assignor of one-fourth to V. H. Nye, Kansas City, Mo. Toy bombing game. 2,384,166; Sept. 4.

Hanna, Raymond P., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Trolley conductor device. 2,383,721; Aug. 28.

Hanna, Raymond P., and L. F. Brahmer, Pittsburgh, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Trolley conductor device. 2,374,013; Apr. 17.

Hanna, Raymond P., and W. B. Atkinson, Pittsburgh, and L. F. Brahmer, Wilkinsburg, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Trolley conductor insulator. 2,384,995; Sept. 18.

Hanna, William T., Cincinnati, Ohio. Stoker apparatus. 2,380,840; July 31.

Hannaford, Cleon M., Toledo, Ohio, deceased, M. L. Hannaford, executrix. Dust guard for journal boxes. 2,372,720; Apr. 3.

Hannaford, Marie L., executrix: *See*—
Hannaford, Cleon M.

Hannan, Douglas, assignor to Comprehensive Fabrics, Inc., New York, N. Y. Umbrella retaining device. 2,373,471; Apr. 10.

Hanneman, Walter M., Oak Park, assignor to Illinois Tool Works, Chicago, Ill. Fastener unit. 2,391,308; Dec. 18.

Hannon, Tolbert, San Francisco, Calif. Window locking device. 2,380,694; July 31.

Hannum, Clement E., Chicago, Ill. Camera and the like. 2,377,341; June 5.

Hanrahan, James F.: *See*—
Pruneau, J. L., Mullally, and Hanrahan.

Hanrahan, William I., Bronxville, N. Y., assignor, by mesne assignments, to United States Steel Products Company, Los Angeles, Calif. Closure construction for metallic containers. 2,369,895; Feb. 20.

Hanrahan, William I., Bronxville, N. Y., assignor, by mesne assignments, to United States Steel Products Company, Sharon, Pa. Making and attaching drum chimes and heads. 2,386,311; Oct. 9.

Hanrahan, William I., Bronxville, N. Y., assignor to United States Steel Products Company, Sharon, Pa. Drum chime and head. 2,386,312; Oct. 9.

Hans, Edmund E., Detroit, Mich. Rain separator for automobile ventilating devices. 2,372,377; Mar. 27.

Hans, Edmund E., Detroit, Mich. Heater arrangement. 2,382,712; Aug. 14.

Hans, Raymond E., Pascagoula, Miss. Cable drum for motor vehicles. 2,377,881; June 12.

Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Resistance having a low temperature coefficient. 2,366,614; Jan. 2.

Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Electrical transmission of messages. 2,370,160; Feb. 27.

Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Frequency modulation receiver. 2,373,562; Apr. 10.

Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Frequency modulation receiver. 2,374,746; May 1.

Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Radio communication system. 2,379,899; July 10.

Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Receiving system. 2,379,900; July 10.

Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Radio system. 2,381,444; Aug. 7.

Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Pulse transmission system. 2,381,445; Aug. 7.

Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Generating currents for non-signaling purposes. 2,381,496; Aug. 7.

Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Radio relaying system. 2,382,414; Aug. 14.

Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Potential ratio-controlled amplifier. 2,383,855; Aug. 28.

Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Signaling. 2,388,052; Oct. 30.

Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Communication method and system. 2,388,053; Oct. 30.

Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Communication system by pulses through the earth. 2,389,432; Nov. 20.

Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Cathode ray tube and circuit. 2,390,250; Dec. 4.

Hansell, Clarence W., Rocky Point, N. Y., assignor to Radio Corporation of America. Energy conservation in radio systems. 2,369,230; Feb. 13.

Hansell, Clarence W., Rocky Point, N. Y., assignor to Radio Corporation of America. Preventing light reflection. 2,376,428; May 22.

Hansell, Clarence W., Rocky Point, N. Y., assignor to Radio Corporation of America. Device for measuring peak currents. 2,378,846; June 19.

Hansell, Clarence W., Rocky Point, N. Y., assignor to Radio Corporation of America. Antenna. 2,379,706; July 3.

Hansen, Arthur R., Chicago, Ill. Film processing apparatus. 2,378,217; June 12.

Hansen, Carl V., Cedar Falls, Iowa. Hydraulic lift. 2,381,664; Aug. 7.

Hansen, Charles W.: *See*—
Krause, N. R., and Hansen.

Hansen, Elmer K., Edgewood, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Heat-treating furnace. 2,383,307; Aug. 21.

Hansen, Gerhard, Jena, Germany; vested in the Alien Property Custodian. Refractometer for turbid liquids and pulpous substances. 2,387,581; Oct. 23.

Hansen, Hans H., assignor to The Taylor-Winfield Corporation, Warren, Ohio. Toothed clutch mechanism. 2,388,407; Nov. 6.

Hansen, Harold O., Eureka, Calif. Air-cooled engine. 2,374,483; Apr. 24.

Hansen, John N.: *See*—
Britton, E. C., and Hansen.
Smith, F. B., and Hansen.

Hansen, Klaus L., Milwaukee, Wis. Commutation means for rotary rectifiers. 2,389,507; Nov. 20.

Hansen, Kristian, assignor to himself and A. F. Robert, Louisville, Ky. Rotary transfer assembly. 2,366,615; Jan. 2.

Hansen, Louis E., Toronto, Ontario, Canada. Holder for stropping razor blades. 2,368,924; Feb. 6.

Hansen Mfg. Company: *See*—
Hansen, W. L., and Hurst, assignors.

Hansen, Odd A., Kenmore, assignor to The Linde Air Products Company, New York, N. Y. Method and apparatus for dispensing liquefied gases. 2,368,215; Jan. 30.

Hansen, Odd A., Kenmore, and P. M. Riede, Buffalo, assignors to The Linde Air Products Company, New York, N. Y. Method and apparatus for distributing liquefied gas. 2,385,984; Oct. 2.

Hansen, Richard H., Jr.: *See*—
Luth, H. J., Krupnick, and Hansen.

Hansen, Sern L., Northfield, Ohio. Rapid-fire gun. 2,374,816; May 1.

Hansen, Siegfried, Schenectady, N. Y., assignor to General Electric Company. Cathode-ray deflecting means. 2,383,308; Aug. 21.

Hansen, Walter H., Ephraim, Utah. Open-center snow track. 2,385,758; Sept. 25.

Hansen, William L., and I. N. Hurst, assignors to Hansen Mfg. Company, Princeton, Ind. Rotor. 2,374,347; Apr. 24.

Hansen, William W.: *See*—
Ginzton, E. L., and Hansen.
Varian, R. H., Hansen, and Ginzton.

Hansen, William W., assignor to The Board of Trustees of The Leland Stanford Junior University, Stanford, Calif. High frequency apparatus for heating organic material. 2,370,161; Feb. 27.

Hansen, William W., and R. H. Varian, assignors to The Board of Trustees of The Leland Stanford Junior University, Stanford University, Calif. Dielectric guide signaling. 2,375,223; May 8.

Hansen's, Chr., Laboratory, Inc.: *See*—
Helmer, R. G., and Farnham, assignors.

Hansgirg, Fritz J., Black Mountain, assignor to North Carolina Magnesium Development Corporation, Asheville, N. C. Treatment of metallic material. 2,367,020; Jan. 9.

Hansgirg, Fritz J., Black Mountain, N. C., assignor to North Carolina Magnesium Development Corporation, Asheville, N. C. Manufacturing metallic magnesium from magnesium silicates. 2,372,571; Mar. 27.

Hansgirg, Fritz J., Black Mountain, assignor to North Carolina Magnesium Development Corporation, Asheville, N. C. Producing metallic magnesium from magnesium silicates. 2,379,576; July 3.

Hansgirg, Fritz J., Black Mountain, assignor to North Carolina Magnesium Development Corporation, Asheville, N. C. Apparatus for producing metallic magnesium. 2,383,856; Aug. 28.

Hansgirg, Fritz J., San Mateo, assignor to Marine Magnesium Products Corporation, South San Francisco, Calif. Manufacturing magnesium. 2,382,713; Aug. 14.

Hansgirg, Fritz J., San Mateo, assignor to Marine Magnesium Products Corporation, South San Francisco, Calif. Manufacturing metallic magnesium. 2,390,531; Dec. 11.

Hansgirg, Fritz J., Los Altos, assignor, by mesne assignments, to The Anglo California National Bank of San Francisco, San Francisco, Calif., as trustee. Apparatus for refining sublimable material. 2,391,156; Dec. 18.

Hansley, Quincey, New York, N. Y. Bowling alley. 2,372,572; Mar. 27.

Hansley, Virgil L., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of alkali metal hydride. 2,372,670; Apr. 3.

Hansley, Virgil L., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of alkali metal hydride. 2,372,671; Apr. 3.

Hansley, Virgil L., and J. E. Bristol, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of lactonitrile acetate. 2,390,098; Dec. 4.

Hanslick, Roy S., Philadelphia, Pa., assignor to American Cyanamid Company, New York, N. Y. β,β'-iminodipropionimide. 2,377,147; May 29.

Hanslick, Roy S., Wyndmoor, Pa., assignor to United States Rubber Company, New York, N. Y. Vulcanization accelerators. 2,386,457; Oct. 9.

Hanson, Abraham G., Monrovia, Calif. Self-locking pliers. 2,370,308; Feb. 27.

Hanson, Alden W.: *See*—
Goggin, W. C., Matheson, and Hanson.

Hansen, Alden W., assignor to The Dow Chemical Company, Midland, Mich. Making fine fibers. 2,385,358; Sept. 25.

Hanson, Alden W., and W. C. Goggin, assignors to The Dow Chemical Company, Midland, Mich. Preservation of textile materials. 2,371,618; Mar. 20.

Hanson, Alden W., and W. C. Coggin, assignors to The Dow Chemical Company, Midland, Mich. Vinylidene chloride compositions. 2,384,910; Sept. 18.

Hanson, Edna: *See*—
Nelson, Clarence D., assignor.

Hanson, Edward, Cleveland, Ohio. Packing. 2,366,729; Jan. 9.

Hanson & Edwards Limited: *See*—
Jones, Charles, assignor.

Hanson, Gerald N.: *See*—
Frische, C. A., and Hanson.

Hanson, Harley J., Milwaukee, Wis. Portable container. 2,383,058; Aug. 21.

Hanson, Harold F., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Driving mechanism. 2,384,996; Sept. 18.

Hanson, Harry E. J.: *See*—
McCarroll, R. H., McCloud, and Hanson.

Hanson, Hilding, Charleston, W. Va., and R. W. Skoog and L. H. Grisso, Borger, Tex., assignors to United Carbon Company, Inc., Charleston, W. Va. Apparatus for producing carbon black. 2,368,827; Feb. 6.

Hanson, Hilding, Charleston, W. Va., and R. W. Skoog, Borger, Tex., assignors to United Carbon Company, Inc., Charleston, W. Va. Producing carbon black. 2,368,828; Feb. 6.

Hanson, Milton E., Haddonfield, N. J., assignor to B. F. Sturtevant Company, Boston, Mass. Air conditioning systems for passenger vehicles. 2,367,276; Jan. 16.

Hanson, Milton E., Haddonfield, N. J., assignor to B. F. Sturtevant Company, Hyde Park, Boston, Mass. Web drier. 2,378,703; June 19.

Hanson, Milton E., Haddonfield, N. J., assignor to B. F. Sturtevant Company, Boston, Mass. Web drier. 2,388,226; Oct. 30.

Hanson, Milton E., Haddonfield, N. J., and R. T. Palmer, Sharon, assignors to B. F. Sturtevant Company, Hyde Park, Boston, Mass. Refrigeration system for air conditioned passenger vehicles. 2,388,210; Oct. 30.

Hanson-Van Winkle-Munning Company: *See*—
Case, Bernard C., assignor.
Hall, Wesley F., assignor.

Hanson, Victor A.: *See*—
Berg, W. H. C., and Hanson.

Hanson, Wesley T., Jr.: *See*—
Evans, R. M., and Hanson.
Williams, F. C., Hanson, Jr., and Ott.

Hanson, Wesley T., Jr., Oak Ridge, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Color printing system. 2,388,842; Nov. 13.

Hanson, Wesley T., Jr., and R. M. Evans, assignors to Eastman Kodak Company, Rochester, N. Y. Color printing. 2,369,457; Feb. 13.

Hanson, Arthur D., Shrewsbury, N. J. Braking device for airplanes. 2,384,997; Sept. 18.

Hanville, Scott H., Jr.: *See*—
Harding, W. R., and Hanville.
Harding, W. R., and Hanville, Jr.

Hanwell, Cedric H.: *See*—
Steinle, L. C., and Hanwell.

Harwood, Cyrus H., Nutley, N. J., assignor to The De Laval Separator Company, New York, N. Y. Automatic pulsator for milking machines. 2,379,483; July 3.

Hapman, Henry W., Detroit, Mich. Resilient flight conveyer. 2,391,700; Dec. 25.

Happe, Arthur H., assignor of one-half to H. A. Sperlich, Detroit, Mich. Ironing shoe. 2,372,270; Mar. 27.

Happe, Christopher, Granville, Wis. Oil burner. 2,368,356; Jan. 30.

Hara, Takeshi: *See*—
Yamamoto, R., and Hara.

Harasta, Clarence J., Los Angeles, assignor to Lockheed Aircraft Corporation, Burbank, Calif. Optical gun sight. 2,382,631; Aug. 14.

Harbaugh, Max L., Cleveland, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of anhydrous sodium sulphate. 2,374,285; Apr. 24.

Harbaugh, Watson D.: *See*—
Strauss, A., Feltman, Hunt, and Harbaugh.
Strauss, H. M. A., and Harbaugh.

Harber, Laurence S., assignor to Baker Perkins Limited, Peterborough, England. Conveying means. 2,380,172; July 10.

Harbers, Henry C., San Gabriel, assignor to C. B. Equipment Co., Los Angeles, Calif. Motor vehicle chassis for tanks. 2,374,196; Apr. 24.

Harbers, Henry C., San Gabriel, assignor to C. B. Equipment Co., Los Angeles, Calif. Six wheel motor vehicle. 2,378,704; June 19.

Harbert, Carl J.: *See*—
Harshaw, W. J., and Harbert.

Harbert, Carl J., Shaker Heights, Ohio, and W. C. Morris, Gainesville, Fla., assignors to The Harshaw Chemical Company, Elyria, Ohio. Glass enamel composition. 2,390,366; Dec. 4.

Harbert, Victor H., assignor to Illinois Railway Equipment Company, Chicago, Ill. Pin and lock. 2,379,296; June 26.

Harbert, William D.: *See*—
Odell, W. W., and Harbert.

Harbison-Walker Refractories Company: *See*—
Pike, Robert D., assignor.
Rowe, Andrew R., assignor.

Harcourt, George T., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Portable hydraulic riveter. 2,372,721; Apr. 3.

Harcourt, Guy N., assignor to Buffalo Foundry & Machine Co., Buffalo, N. Y. Sealing means. 2,371,166; Mar. 13.

Hård af Segerstad, Carl G.: *See*—
Carlberg, P. A., Hård af Segerstad, and Ryhagen.

Hård af Segerstad, Carl G., assignor to Sandvikens Jernverks Aktiebolag, Sandvikens, Sweden. Device in motor saws. 2,380,753; July 31.

Hard, Amos L., assignor to Thomas Emery's Sons, Inc., Cincinnati, Ohio. Elevator safety control. 2,378,218; June 12.

Hard Manufacturing Company: *See*—
Doty, Boyd A., assignor.

Harden, Ernest C., Conway, Ark. Label holder for boxes. 2,376,916; May 29.

Harder, Edwin L., Forest Hills, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electrical relay system. 2,381,281; Aug. 7.

Harder, Edwin L., Forest Hills, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Faulted phase selector. 2,381,282; Aug. 7.

Harder, Edwin L., Forest Hills, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Loop-circuit supervisory system. 2,390,788; Dec. 11.

Harder, Herman A., Milwaukee, Wis. Hand bottle capper. 2,366,524; Jan. 2.

Hardesty, Eugene, New Brighton, assignor to Fuller Label & Box Company, Pittsburgh, Pa. Application of ceramic color. 2,383,190; Aug. 21.

Hardesty, Eugene, New Brighton, assignor to Fuller Label & Box Company, Pittsburgh, Pa. Application of ceramic color. 2,383,191; Aug. 21.

Hardesty, John O.: *See*—
Ross, W. H., Shipley, Mullins, and Hardesty.

Hardey, Rodney J., New London, Tex. Hydraulic pump for liquids. 2,376,538; May 22.

Hardgrove, Ralph M., Westfield, assignor to The Babcock & Wilcox Company, Newark, N. J. Fuel burning apparatus. 2,380,041; July 10.

Hardie, Donald C., assignor to Chipman Spinning Mills, Inc., Easton, Pa. Reel. 2,382,790; Aug. 14.

Hardin, Steven L., Philadelphia, Pa. Fish line assembly connector. 2,390,584; Dec. 11.

Harding, Albert T., Maywood, Ill., assignor to Corn Products Refining Company, New York, N. Y. Production of crystalline dextrose. 2,369,231; Feb. 13.

Harding, Clarke T., Hillside, N. J., assignor to Standard Oil Development Company. Forming chemical mixtures. 2,374,933; May 1.

Harding, Clarke T., Hillside, N. J., assignor to Standard Oil Development Company. Preparation of hydrocarbon oils. 2,379,077; June 26.

Harding, Henry V., Royal Oak, Mich., assignor to Elox Corporation. Chuck and electrode. 2,374,348; Apr. 24.

Harding, Henry V., Royal Oak, Mich., assignor to Elox Corporation. Connector. 2,383,124; Aug. 21.

Harding, Henry V., Royal Oak, Mich., assignor to Elox Corporation. Vibratory electromagnetic apparatus. 2,383,382; Aug. 21.

Harding, Henry V., Royal Oak, Mich., assignor to Elox Corporation. Electromagnetic vibratory metalworking apparatus. 2,383,383; Aug. 21.

Harding, Hiram R., Baltimore, Md., assignor to Crown Cork & Seal Company, Inc. Self-locking threaded device. 2,367,213; Jan. 16.

Harding, Jesse S., Stoughton, Mass. Folding clothes rack. 2,382,310; Aug. 14.

Harding, Kenneth G.: *See*—
Britton, E. C., and Harding.

Harding, Lloyd E., Bradley Beach, N. J., assignor of one-fifth to E. J. Lada, Woodhaven, N. Y., and one-fifth to W. A. Zalesak, Union, N. J. Mounting. 2,387,065; Oct. 16.

Harding, Lloyd E., Bradley Beach, N. J., assignor of one-fifth to E. J. Lada, Woodlawn, N. Y., and one-fifth to W. A. Zalesak, Union, N. J. Mount support. 2,387,066; Oct. 16.

Harding, Watson G., Fairlawn, N. J., assignor to United States Rubber Company, New York, N. Y. Reinforced tube. 2,371,991; Mar. 20.

Harding, William G.: *See*—
Nisbet, R. H., and Harding.
Saul, G. C., Harding, and Nisbet.

Harding, William R., Murrysville, Pa., and S. H. Hanville, Jr., Huron, Ohio, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Series variable speed drive. 2,376,770; May 22.

Harding, William R., Murrysville, Pa., and S. H. Hanville, Jr., Huron, Ohio, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Series variable speed drive. 2,379,149; June 26.

Harding, William R., Murrysville, Pa., and S. H. Hanville, Jr., Huron, Ohio, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Series variable voltage equipment. 2,379,150; June 26.

Harding, William R., Export, Pa., and L. G. Opel, Hobe Sound, Fla., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Dragline control. 2,380,431; July 31.

Hardinge Company, Inc.: *See*—
Hardinge, Harlowe, assignor.

Hardinge, Harlowe, York, Pa. Classifying system for pulverized materials. 2,381,954; Aug. 14.

Hardinge, Harlowe, assignor to Hardinge Company, Inc., York, Pa. Feeding material to grinding mills. 2,381,351; Aug. 7.

Hardinge, Mervyn G., Loma Linda, Calif. Fracture reducing device. 2,381,050; Aug. 7.

Hardman, Albert F., assignor to Wingfoot Corporation, Akron, Ohio. Treatment of rubber and product thereof. 2,375,168; May 1.

Hardman, Albert F., assignor to Wingfoot Corporation, Akron, Ohio. Accelerators of vulcanization. 2,385,275; Sept. 18.

Hardman, Albert F., assignor to Wingfoot Corporation, Akron, Ohio. Dithiofuroates. 2,386,111; Oct. 2.

Hardman, Albert F., assignor to Wingfoot Corporation, Akron, Ohio. Vulcanization of rubber. 2,391,234; Dec. 18.

Hardman, George W., Long Island City, N. Y., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Aircraft wing. 2,379,352; June 26.

Hardt, Leo L., and L. Streifeneder, Chicago, Ill. Gastroscope. 2,376,249; May 15.

Hardwick, Pierre M., Altadena, Calif. Hose coupling with check valve. 2,383,249; Aug. 21.

Hardy, Charles, Pelham Manor, assignor to Hardy Metallurgical Company, New York, N. Y. Making tubular bearings. 2,374,747; May 1.

Hardy Metallurgical Company: *See*—
Hardy, Charles, assignor.

Hardy, René: *See*—
Ahier, J., and Hardy.
Ganiayre, A., and Hardy.

Hardy, René, Lyon, France, assignor to International Standard Electric Corporation, New York, N. Y. Pulse generator particularly for electric phase metering. 2,374,817; May 1.

Hardy, René, and P. de Maertelaere, Lyon, France; vested in the Alien Property Custodian. Ultra high frequency wave coupling device. 2,383,857; Aug. 28.

Hardy, William A., Gillette, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Phonograph 2,380,754; July 31.

Hardy, William B.: *See*—
Adams, F. H., and Hardy.
Adams, F. H., Lecher, and Hardy.
Lecher, H. Z., and Hardy.
Lecher, H. Z., Hardy, and Adams.

Hare, Donald G. C., assignor, by mesne assignments, to The Texas Company, New York, N. Y. Method and apparatus for logging bore holes. 2,369,672; Feb. 20.

Hare, Donald G. C., assignor to Texaco Development Corporation, New York, N. Y. Borehole logging method and apparatus. 2,374,197; Apr. 24.

Hare, Donald G. C., Houston, Tex., assignor, by mesne assignments, to The Texas Company, New York, N. Y. Method and apparatus for logging bore holes. 2,370,162; Feb. 27.

Hare, Donald G. C., Houston, Tex., assignor, by mesne assignments, to The Texas Company, New York, N. Y. Method and apparatus for examining opaque material. 2,370,163; Feb. 27.

Hare, Donald G. C., Houston, Tex., assignor, by mesne assignments, to The Texas Company, New York, N. Y. Signal transmission system. 2,379,800; July 3.

Hare, Donald G. C., Houston, Tex., assignor, by mesne assignments, to The Texas Company, New York, N. Y. Method and apparatus for logging wells. 2,381,904; Aug. 14.

Hare, Donald G. C., Houston, Tex., assignor, by mesne assignments, to The Texas Company, New York, N. Y. Analyzing gases. 2,389,046; Nov. 13.

Hare, Donald G. C., Roslyn, assignor to The Texas Company, New York, N. Y. Method and apparatus for determining liquid level. 2,378,219; June 12.

Hare, Terence G., Ypsilanti, Mich., assignor to Amesbury Seat Manufacturing Company. Clutch. 2,379,901; July 10.

Harford, Charles G., Quincy, assignor to Arthur D. Little, Inc., Cambridge, Mass. Electrolytic deposition of cadmium. 2,377,228; May 29.

Harford, Charles G., Quincy, assignor to Arthur D. Little, Inc., Cambridge, Mass. Electrolytic deposition of chromium. 2,377,229; May 29.

Harford, Charles G., Quincy, assignor to A. D. Little, Inc., Cambridge, Mass. Electrolytic deposition of zinc. 2,384,300; Sept. 4.

Harford, Charles G., Quincy, assignor to A. D. Little, Inc., Cambridge, Mass. Electrolytic deposition of tungsten. 2,384,301; Sept. 4.

Harford, Charles G., Wollaston, Mass., assignor, by mesne assignments, to Jefferson Electric Company, Bellwood, Ill. Electrical insulating material. 2,381,163; Aug. 7.

Harford, Edward F., Arden, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Pelleting urea. 2,369,110; Feb. 6.

Hargadon, Charles D., St. Matthews, near Louisville, Ky. Locating fixture. 2,374,286; Apr. 24.

Hargreaves, Robert, and J. Youngsma, assignors to Whitin Machine Works, Whitinsville, Mass. Spindle. 2,387,260; Oct. 23.

Hargy, Harry E., Sr., Sycamore Township, Hamilton County, Ohio. Buffing wheel hub. 2,382,479; Aug. 14.

Harker, David, Alplaus, N. Y., assignor to General Electric Company. Orienting irregular quartz crystals. 2,380,235; July 10.

Harker, David, Alplaus, N. Y., assignor to General Electric Company. X-ray camera. 2,380,236; July 10.

Harker, George A., and E. Gustafsson, Chicago, G. Allen, North Lake Village, and R. Nelson, assignors to Binks Manufacturing Company, Chicago, Ill. Spray booth. 2,385,077; Sept. 18.

Harkins, Henry H., North Providence, R. I., assignor to United States Rubber Company, New York, N. Y. Bonding rubber to other surfaces. 2,386,112; Oct. 2.

Harkness, Andrew M.: *See*—
Merriam, H. F., and Harkness.

Harkness, Joseph R., Schenectady, N. Y., assignor to General Electric Company. Magneto breaker cam. 2,386,048; Oct. 2.

Harkom, John F., Ottawa, Ontario, Canada, assignor to His Majesty the King in the right of Canada, as represented by the Minister of Mines and Resources. Apparatus for producing bonded structures. 2,370,956; Mar. 6.

Harlan, Avery S.: *See*—
Harms, H. H., and Harlan.

Harless, Charles A., Oak Park, assignor to The Goss Printing Press Company, Chicago, Ill. Rotary printing press. 2,366,331; Jan. 2.

Harless, Charles A., Oak Park, assignor to The Goss Printing Press Company, Chicago, Ill. Printing press gripper mechanism. 2,378,478; June 19.

Harley, Joseph J., Granite City, Ill., and J. C. Travilla, Jr., Philadelphia, Pa., assignors to General Steel Castings Corporation, Granite City, Ill. Railway truck. 2,373,756; Apr. 17.

Harley, Stanley J., and J. E. Wainwright, Coventry, England. Thread grinding machine. 2,381,051; Aug. 7.

Harlow, Orman M., Anaheim, assignor to Brogdex Company, Pomona, Calif. Combined elevator and sampler for plant products. 2,367,397; Jan. 16.

Harman, Emil: *See*—
Jensen, D. H. L., and Harman.

Harman, Marion W., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Vulcanization of rubber. 2,372,895; Apr. 3.

Harman, Robert A., Plainfield, N. J., assignor to The Solvay Process Company, New York, N. Y. Oxidation of aromatic compounds. 2,382,148; Aug. 14.

Harmon, Alvah L., Royal Oak, Mich. Swimming paddle. 2,389,196; Nov. 20.

Harmon, Bennett B., Jamaica, N. Y. Aircraft control column. 2,381,217; Aug. 7.

Harmon, Carlyle: *See*—
Orsino, J. A., and Harmon.

Harmon, Carlyle, Wausau, Wis., assignor to Marathon Corporation. Lignin compounds and making same. 2,371,136; Mar. 13.

Harmon Color Works, Inc.: *See*—
Vesce, Vincent C., assignor.

Harmon, Jesse, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical process. 2,390,099; Dec. 4.

Harmon, Jesse, and C. J. Mighton, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Esters of alpha-cyanoalcohols. 2,379,297; June 26.

Harmon, Kenneth A., Longmeadow, and R. V. Atwood, Springfield, assignors to Wico Electric Company, West Springfield, Mass. Ignition system and magneto therefor. 2,378,705; June 19.

Harmon, Luther R., Chicago, Ill. Light indicating switch. 2,373,889; Apr. 17.

Harmon, Ralph M., assignor to Beech Aircraft Corporation, Wichita, Kans. Protected packing seal. 2,368,137; Jan. 30.

Harms, Harold H., Bowling Green, Ohio, and A. S. Harlan, Beach Grove, assignors to Honan-Crane Corporation, Lebanon, Ind. Apparatus for clarifying fluids. 2,366,903; Jan. 9.

Harney, Frank L., Jr., et al.: *See*—
Mendes, John C., assignor.

Harnischfeger Corporation: *See*—
Oestreicher, S., and Brekelbaum, assignors.
Wendelburg, F. W., and Wadd, assignors.

Harnly, Nellie F.: *See*—
Olson, William M., assignor.

Haroldson, Arthur, Newark, Del., assignor to Continental-Diamond Fibre Company, Newark, Del. Oil-soluble resin and making the same. 2,380,307; July 10.

Harper, Agnes M. N., Jacksonville, Fla. Baby bathing cot. 2,389,362; Nov. 20.

Harper, Carolyn L., et al.: *See*—
Harper, Philip S., assignor.

Harper, Clarence E., Hutchinson, Kans. Convertible cartridge for contact printing and photographic paper dispensing. 2,384,911; Sept. 18.

Harper, Philip S., et al.: *See*—
Harper, Philip S., assignor.

Harper, Philip S., Chicago, Ill., assignor of one-fourth to C. L. Harper, Chicago, Ill., and one-fourth to Harris Trust and Savings Bank, as trustee of the Philip S. Harper Trust, and one-fourth to said Harris Trust and Savings Bank, as trustee of the Carolyn L. Harper Trust. Gas burner assembly. 2,372,573; Mar. 27.

Harper, Philip S., assignor to Harper-Wyman Company, Chicago, Ill. Gas valve. 2,379,854; July 10.

Harper, Philip S., assignor of one-fourth to P. S. Harper and one-fourth to C. L. Harper, Chicago, Ill., and one-fourth to Harris Trust and Savings Bank, an Illinois banking corporation, as trustee of the Philip S. Harper Trust, and one-fourth to said Harris Trust and Savings Bank, as trustee of the Carolyn L. Harper Trust. Gas burner. 2,385,413; Sept. 25.

Harper, Philip S., and G. F. Turner, assignors to Harper-Wyman Company, Chicago, Ill. Gas burner. 2,386,113; Oct. 2.

Harper, William, Jr., Montreal, Quebec, Canada. Fuel injector. 2,382,151; Aug. 14.

Harper-Wyman Company: *See*—
Harper, Philip S., assignor.
Harper, P. S., and Turner, assignors.

Harpootlian, Ethyl, Brooklyn, N. Y. Dress shield and crossed-tape support. 2,389,776; Nov. 27.

Harr, Russel E.: *See*—
Brown, M., and Harr.

Harred, George H., East Greenwich, R. I., assignor to Boston Wire Stitcher Company, Portland, Maine. Carton-blank handling apparatus for wire-stitching machines. 2,377,230; May 29.

Harred, George H., East Greenwich, R. I., assignor to Boston Wire Stitcher Company, Portland, Maine. Carton-blank handling apparatus for wire-stitching machines. 2,381,743; Aug. 7.

Harrer, Paul H., La Porte, Ind., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Rotary baler. 2,391,018; Dec. 18.

Harrington, Charles J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo intermediates. 2,366,618; Jan. 2.

Harrington, Edward L., assignor to Blaw-Knox Company, Pittsburgh, Pa. Method of and apparatus for the construction of roads. 2,373,828; Apr. 17.

Harrington, Ferris T., assignor to Vickers Incorporated, Detroit, Mich. Power transmission. 2,366,398: Jan. 2.

Harrington, George G., assignor to Reed Roller Bit Company, Houston, Tex. Electrical logging apparatus. 2,388,141; Oct. 30.

Harrington, George R., Kalamazoo, assignor to Blood Brothers Machine Company, Allegan, Mich. Flexible coupling. 2,380,646; July 31.

Harrington-Hoch, Incorporated, et al.: *See*—
Simpson, Fielding B., assignor.

Harrington, James R.: *See*—
Le Clair, T. G., Harrington, and Smith.

Harrington, James R., Mansfield, and R. L. Merrill, assignors to The Autocall Company, Shelby, Ohio. Remote indicating, supervising, or control system. 2,384,167; Sept. 4.

Harrington, Paul J., Mountainside, N. J., assignor to Standard Oil Development Company. Production of motor fuels. 2,367,348; Jan. 16.

Harrington, Richards H., Schenectady, N. Y., assignor to General Electric Company. Aluminum base alloy containing copper, cobalt, and beryllium, and method for making it. 2,373,678; Apr. 17.

Harrington & Richardson Arms Company: *See*—
La Pierre, Alfred T., assignor.
Rice, Rienzi, assignor.
Ruttiman, Alfred, assignor.

Harrington, Valentine F., Newton, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Method of and machine for coating heels. 2,368,829; Feb. 6.

Harrington, Valentine F., Newton, assignor to United Shoe Machinery Corporation, Flemington, N. J. Manufacture of shoes. 2,378,010; June 12.

Harriott, Bernard L., Lake City, Iowa. Registering device. 2,391,309; Dec. 18.

Harris, Alfred T., Bakersfield, Calif. Safety liquid dispenser. 2,385,509; Sept. 25.

Harris, Anderson W., Chattanooga, Tenn., assignor to Combustion Engineering Company, Inc., New York, N. Y. Closure head welded for pressure vessels. 2,366,617; Jan. 2.

Harris, Arthur G., Palisade, Colo. Internal-combustion engine. 2,387,728; Oct. 30.

Harris, Benjamin R.: *See*—
Cahn, F. J., and Harris.

Harris, Carl C., Orange, Mass. Pencil-bonded memorandum pad. 2,383,858; Aug. 28.

Harris, Carl C., assignor to Rivet-O Manufacturing Company, Orange, Mass. Inking pad. 2,374,198; Apr. 24.

Harris, Claud S., Cirencester, England. Roller box for lathes. 2,389,853; Nov. 27.

Harris, Cleo, Kalamazoo, Mich., assignor to Borg-Warner Corporation, Chicago, Ill. Furnace. 2,369,965; Feb. 20.

Harris, Clinton H., assignor to Argus, Incorporated, Ann Arbor, Mich. Photographic camera. 2,378,406; June 19.

Harris, Emory, Miami, assignor of one-half to H. W. Thomas, Dade County, Fla. Split center window jack. 2,388,142; Oct. 30.

Harris, Eugene E., Latham, N. Y., assignor to General Electric Company. Elastic fluid turbine. 2,380,237; July 10.

Harris, Ford W.: *See*—
Koppl, Ernest, and Harris.

Harris, Forist, Merced, Calif. Floor sanding machine. 2,376,102; May 1.

Harris, Frank C.: *See*—
Moore, R. T., and Harris.

Harris, Frederic R., New York, N. Y. Prefabricated timber dock. 2,370,957; Mar. 6.

Harris, Frederic R., New York, N. Y. Connector ring groove centering device. 2,378,550; June 19.

Harris, Frederic R., New York, N. Y. Floating dry dock and pumping apparatus. 2,379,902; July 10.

Harris, Frederic R., New York, N. Y. Pontoon unit for floating dry docks. 2,379,903; July 10.

Harris, Frederic R., New York, N. Y. Multiple unit floating dry dock. 2,379,904; July 10.

Harris, Frederic R., New York, N. Y. Graving or basin dry dock. 2,384,464; Sept. 11.

Harris, Frederic R., New York, N. Y. Basin or graving dry dock. 2,384,616; Sept. 11.

Harris, Frederic R., New York, N. Y. Chain clamp. 2,387,509; Oct. 23.

Harris, Frederic R., New York, N. Y. Shock preventing floating dry dock. 2,387,844; Oct. 30.

Harris, Frederic R., New York, N. Y. Shock-absorbing floating dry dock. 2,390,300; Dec. 4.

Harris, Frederic R., New York, N. Y., assignor to New Jersey Shipbuilding Corporation, Barber, N. J. Equipment for shipbuilding. 2,381,446 Aug. 7.

Harris, Harry A., Chicago, Ill. Piston rod for power hammers. 2,377,417; June 5.

Harris, Helen E.: *See*—
Bell, L. N., and Harris, Ronald R. and H. E.

Harris, Henry H., Champaign, Ill. Ore-roasting oven. 2,370,659; Mar. 6.

Harris, Henry H., Champaign, Ill. Traveling work support. 2,379,960; July 10.

Harris, Henry H., Champaign, Ill. Muffle. 2,381,538; Aug. 7.

Harris, Henry H., Champaign, Ill. Support for heat-treating containers. 2,384,617; Sept. 11.

Harris, Henry L., Prichard, Ala. Spring wheel. 2,376,592; May 22.

Harris, Herbert H.: *See*—
Allen, T. C., and Harris.

Harris, Hyman, New York, N. Y. Electric nail filler. 2,389,665; Nov. 27.

Harris, James C., Jr., Philadelphia, Pa. Metallurgical induction furnace. 2,383,384; Aug. 21.

Harris, Jesse S., Memphis, Tenn. Soil sampling apparatus. 2,382,992; Aug. 21.

Harris, John E. G.: *See*—
Baird, W., Hill, Harris, Oakeshott, and Wilson.

Harris, John L., Milwaukee, Wis., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Time mechanism. 2,384,373; Sept. 4.

Harris, John W.: *See*—
Breadner, Harris, and Simms.

Harris, Leander B., Mount Vernon, Ill., assignor, by mesne assignments, to General Motors Corporation. Switching mechanism. 2,371,167; Mar. 13.

Harris, Lewis B., Nassau Shores, N. Y., assignor to Republic Aviation Corporation. Aircraft structure. 2,368,298; Jan. 30.

Harris, Lloyd Q., Brevard, N. C., assignor to Ecusta Paper Corporation. Gluing. 2,387,261; Oct. 23.

Harris, Manly S., San Francisco, Calif. Bond tightener and sealer. 2,374,349; Apr. 24.

Harris, Manly S., San Francisco, Calif. Agricultural vehicle. 2,378,647; June 19.

Harris, Manly S., San Francisco, Calif. Bond tightener and sealer. 2,389,777; Nov. 27.

Harris Manufacturing Company: *See*—
Lewis, Frederick G., assignor.

Harris, Marcus R., Indianapolis, Ind., assignor to General Motors Corporation, Detroit, Mich. Welding apparatus. 2,369,294; Feb. 13.

Harris, Milton H., Brooklyn, N. Y. Supplement book. 2,386,740; Oct. 9.

Harris Products Company: *See*—
Storch, Harold A., assignor.

Harris, Raymond R., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Hardenable aminotriazine-aldehyde resins. 2,388,143; Oct. 30.

Harris, Richard A.: *See*—
Russell, A., Parker, and Harris.

Harris, Richard W.: *See*—
Dearsley, G., and Harris.
Hall, C. T., and Harris.
Russell, A., Parker, and Harris.

Harris, Richard W., and G. Dearsley, Deptford, London, assignors to Molins Machine Company Limited, London, England. Apparatus for feeding articles. 2,366,256; Jan. 2.

Harris, Ronald R.: *See*—
Bell, L. N., and Harris, Ronald R. and H. E.

Harris, Samuel C. and E. B. Greifenhagen, assignors to Chain Belt Company, Milwaukee, Wis. Punching metal bars, plates, and the like. 2,369,896; Feb. 20.

Harris, Samuel J., Newark, Ohio, assignor to Holophane Company, Inc., New York, N. Y. Glass treatment process. 2,376,872; May 29.

Harris-Seybold Potter Company: *See*—
Harrold, C. W., and Curtis, assignors.
Spiller, W. R., and Niederhauser, assignors.

Harris, Stanton A., Westfield, assignor to Merck & Co., Inc., Rahway, N. J. Ethers of vitamin B_6. 2,382,876; Aug. 14.

Harris, Thomas H.: *See*—
Balls, A. K., Hale and Harris.

Harris Trust and Savings Bank, trustee, et al.: *See*—
Harper, Philip S., assignor.

Harris Trust and Savings Bank, trustee of the Carolyn L. Harper Trust: *See*—
Harper, Philip S., assignor.

Harris Trust and Savings Bank, trustee of the Philip S. Harper Trust: *See*—
Harper, Philip S., assignor.

Harris, Walter R., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Current regulator for electrolytic plants. 2,374,199; Apr. 24.

Harris, Walter R., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Helper drive. 2,382,415; Aug. 14.

Harris, William A.: *See*—
Young, W. D., and Harris.

Harris, William A., assignor to William D. Young, Greenville, S. C. Vending machine. 2,366,399; Jan. 2.

Harrison, Bertram M., Newton Highlands, assignor to Submarine Signal Company, Boston, Mass. Submarine signaling apparatus. 2,384,465; Sept. 11.

Harrison, Charles W., Bronxville, assignor of fifteen per cent to A. L. Tierney, New York, N. Y. Cargo handling apparatus. 2,379,231; June 26.

Harrison, Elmer P., and O. A. Hunt, Oklahoma City, Okla.; said Hunt assignor to said Harrison. Heat exchange system. 2,366,332; Jan. 2.

Harrison, Gale, Ivanhoe, N. C. Completing the packaging of berries or the like. 2,376,138; May 15.

Harrison, Gale, Ivanhoe, N. C. Completing the packaging of berries. 2,387,326; Oct. 23.

Harrison, George R., Detroit, Mich. Shoe tree. 2,371,690; Mar. 20.

Harrison, George R., Detroit, Mich. Ship. 2,385,985; Oct. 2.

Harrison, Halla M., Portland, Oreg. Typewriter escapement control mechanism. 2,380,432; July 31.

Harrison, Henry C., Port Washington, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric switch. 2,387,017; Oct. 16.

Harrison, James W., Woodbury, N. J., assignor to Houdry Process Corporation, Wilmington, Del. Temperature control of catalytic operations. 2,376,356; May 22.

Harrison, John F.: *See*—
Greiner, C. F., and Harrison.

Harrison, Milo A., Hermosa Beach, assignor to The Dicalite Company, Los Angeles, Calif. Diatomaceous earth fillers for paper-making. 2,366,400; Jan. 2.

Harrison, Monroe, Chicago, Ill. Bottle. 2,370,535; Feb. 27.

Harrison, Norman A., Dumont, N. J., assignor to Jabez Burns & Sons, Inc., New York, N. Y. Granulating apparatus. 2,366,619; Jan. 2.

Harrison, Norman A., assignor to Hammond Machinery Builders, Inc., Kalamazoo, Mich. Chuck. 2,384,302; Sept. 4.

Harrison, Robert R., assignor to Cliffs-Dow Chemical Company, Marquette, Mich. Recovery of acetic acid in purified form. 2,384,374; Sept. 4.

Harrison, Robert R., and L. H. Score, North Hollywood, Calif., assignors, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Forming die. 2,371,138; Mar. 13.

Harrison, Robert T., Greenville, N. C. Road sign or signal. 2,389,234; Nov. 20.

Harrison, Stuart A., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Protein plastic composition. 2,375,103; May 1.

Harrison, Thomas R., Wyncote, assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring and control apparatus. 2,366,618; Jan. 2.

Harrison, Thomas R., Wyncote, assignor to The Brown Instrument Company, Philadelphia, Pa. Control apparatus. 2,367,349; Jan. 16.

Harrison, Thomas R., Wyncote, Pa., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Sensitive relay mechanism. 2,368,830: Feb. 6.

Harrison, Verne S., assignor to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Electrical strain gauge. 2,388,966; Nov. 13.

Harrison, William C., Rapid City, S. Dak. Rotary milling tool. 2,389,235; Nov. 20.

Harrison, William H., Spokane, Wash. Harvester reel. 2,380,173; July 10.

Harriss, Lloyd J., Kenilworth, and B. Lambers, Oak Park, Ill.; said Lambers assignor to said Harriss. Making pastry products. 2,377,936; June 12.

Harriss, Lloyd J., Kenilworth, and B. Lambers, Oak Park, Ill.; said Lambers assignor to said Harriss. Pie pan dispenser. 2,389,905; Nov. 27.

Harrold, Charles W., University Heights, and E. W. Curtis, Maple Heights, assignors to Harris-Seybold Potter Company, Cleveland, Ohio. Plate clamp. 2,386,214; Oct. 9.

Harrold, Harmon H., assignor of one-half to R. Conn, Wooster, Ohio. Rotary reversing engine. 2,390,880; Dec. 11.

Harry, George H., Buffalo, N. Y. Lubricator for meat slicing machine belts. 2,379,298; June 26.

Harry, Goeffrey M., Oak Park, Ill. Variable-speed power transmission. 2,376,429; May 22.

Harry, Robert J., assignor to The Alliance Machine Company, Alliance, Ohio. Soaking-pit crane. 2,388,408; Nov. 6.

Harry, William R., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electroacoustic transducer. 2,387,845; Oct. 30.

Harshaw Chemical Company, The: *See*—
Du Rose, A. H., and Robison, assignors.
Elliott, Stanley B., assignor.
Harbert, C. J., and Morris, assignors.
Harshaw, W. J., and Harbert, assignors.
Hay, John O., assignor.
Pine, Paul R., assignor.
Swinehart, C. F., and Hay, assignors.

Harshaw, William J., and C. J. Harbert, Shaker Heights, assignors to The Harshaw Chemical Company, Elyria, Ohio. Manufacture of cuprous oxide. 2,385,078; Sept. 18.

Harsted, Harry H., Chicago, Ill. Foldable antenna. 2,379,577; July 3.

Harstick, William H., Richmond, Ind., assignor to International Harvester Company. Clutch. 2,380,308; July 10.

Hart, Clinton S., Northfield, Minn., and R. E. Spokes, Ann Arbor, Mich., assignors to American Brake Shoe Company, Wilmington, Del. Friction element. 2,391,416; Dec. 25.

Hart, Eugene H., assignor to The Bristol Company, Waterbury, Conn. Pneumatic telemetering system. 2,390,301; Dec. 4.

Hart, Edward J., Springfield, Mass. Tool apparatus. 2,375,358; May 8.

Hart, Hannibal T., Eveleth, and H. A. Barber and E. W. Burbeck, Duluth, Minn., assignors to Oliver Iron Mining Company. Hoist. 2,385,276; Sept. 18.

Hart, Harry L.: *See*—
Bugg, K. C., and Hart.

Hart, Joseph F., assignor to Kelite Products, Inc., Los Angeles, Calif. Composition for cleaning metal such as aluminum and magnesium. 2,381,124; Aug. 7.

Hart, Norman E., assignor to Toledo Scale Company, Toledo, Ohio. Weight testing device. 2,368,983; Feb. 6.

Hart, Norman E., assignor to Toledo Scale Company, Toledo, Ohio. Poise. 2,368,984; Feb. 6.

Hart, Raymond S., Brooklyn, N. Y. Contactor for moisture meters. 2,370,658; Mar. 6.

Hart, Richard H., New Orleans, La. Parachute apparatus. 2,369,458; Feb. 13.

Hart, Roy R., San Jose, Calif. Cushion stop. 2,373,757; Apr. 17.

Hart, Russell, Los Angeles, Calif. Shock absorber for parachutes. 2,386,395; Oct. 9.

Hart, William J., Warren Point, N. J., assignor to United States Rubber Company, New York, N. Y. Recovering guebrachitol from rubber latex serum. 2,378,141; June 12.

Hart-Carter Company: *See*—
McElhoe, C. B., and Swartz, assignors.

Harte, Richard, assignor to Ames Baldwin Wyoming Co., Parkersburg, W. Va. Manufacture of shovels or the like. 2,380,361; July 10.

Hartford-Empire Company: *See*—
Aksomitas, William E., assignor.
Baker, Theodore C., assignor.
Berthold, Walter K., assignor.
Gagnon, T. J., and Alcorn, assignors.
Green, Thomas D., assignor.
Ingle, Henry W., assignor.
Lyle, Aaron K., assignor.
Smith, Algy J., assignor.

Hartford National Bank and Trust Company: *See*—
Jadraque, J. M., and Cavallero, assignors.
Labin, Edouard, assignor.
Richards, Claude L., assignor.

Hartford National Bank and Trust Company, The: *See*—
Maitland, Cyril E., assignor.

Hartford National Bank and Trust Company, Trustee: *See*—
D'Agostino, F. J., and Valdes, assignors.
Labin, Edouard, assignor.
West, Stanley W., assignor.
Ziegler, Marc, assignor.
Ziegler M., Visscher and Cavallero, assignors.

Hartford National Bank and Trust Company, trustee: The: *See*—
Herne, Howard J. L., assignor.
Hesselman, Edward F., assignor.

Hartford Rayon Corporation: *See*—
Boles, O. W., and Taylor, assignors.
Loveridge, G. T., and Carlson, assignors.

Hartgrove, Charles E., et al.: *See*—
Franklin, Ernest M., assignor.

Hartkopf, William, North Bergen, N. J. Shear. 2,369,673; Feb. 20.

Hartley, Cornelius, Prospect Park, N. J., assignor to Wright Aeronautical Corporation. Disconnect switch. 2,390,585; Dec. 11.

Hartley, Croydon H. A.: *See*—
Miller, C. H., and Hartley.

Hartley, Croydon H. A., Garden City, N. Y., assignor to Republic Aviation Corporation. Loading ammunition containers. 2,386,894; Oct. 16.

Hartley, Emmett C.: *See*—
Parker, A. L., and Hartley.

Hartley, Emmett C., assignor to The Parker Appliance Company, Cleveland, Ohio. Hand-operated tube cutter. 2,366,257; Jan. 2.

Hartley, George C., assignor to Standard Telephones and Cables Limited, London, England. Automatic telecommunication exchange system. 2,376,771; May 22.

Hartley, James C., et al.: *See*—
Globus, Alfred B., assignor.

Hartley, James C., Norwalk, Conn., assignor, by mesne assignments, to Minerals and Metals Corporation, New York, N. Y. Process of and apparatus for facilitating and controlling chemical reactions and physical treatments. 2,371,619; Mar. 20.

Hartley, Ralph V. L., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,381,539; Aug. 7.

Hartley, Ralph V. L., Summit, N. J., assignor to Bell Laboratories, Incorporated, New York, N. Y. Communication system. 2,387,018; Oct. 16.

Hartman, John M., Glendale, Calif. Heel support for water skis. 2,382,149; Aug. 14.

Hartman, John M., Glendale, Calif. Water ski. 2,382,150; Aug. 14.

Hartman, Richard A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Conduit clamp. 2,374,541; Apr. 24.

Hartman, Samuel H., assignor to Armstrong Cork Company, Lancaster, Pa. Making linoleum. 2,370,536; Feb. 27.

Hartman, W. L., et al.: *See*—
Roby, Horace H., assignor.

Hartman, William F., Storm Lake, Iowa. Trap stand. 2,388,539; Nov. 6.

Hartman, William W., Los Angeles, Calif. Making socket wrenches. 2,367,942; Jan. 23.

Hartmann, Ernest C., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Treating aluminum alloy rivets and product. 2,388,540; Nov. 6.

Hartmann, Max, and J. Druey, Riehen, Switzerland, assignors to Ciba Pharmaceutical Products, Incorporated, Summit, N. J. Derivatives of 4:4'-diaminodiphenylsulphones and making same. 2,376,430; May 22.

Hartmann, Max, Riehen, and J. Druey, Basel, Switzerland, assignors to Ciba Pharmaceutical Products, Incorporated, Summit, N. J. Benzene-sulphonamido derivatives and making same. 2,382,167; Aug. 14.

Hartmann, Max, Riehen, F. Cuenl, Basel, J. Druey, Riehen, and H. von Meyenburg, Basel, Switzerland, assignors to Ciba Pharmaceutical Products, Incorporated, Summit, N. J. Sulphonamides and making same. 2,386,852; Oct. 16.

Hartnett, Joseph R., Gary, Ind. Apparatus for escape from submerged vessels. 2,375,299; May 8.

Harton, Erskine E., Jr., Evanston, and P. Lyon, assignors to The Pure Oil Company, Chicago, Ill. Treatment of oil wells. 2,386,605; Oct. 9.

Hartough, Howard D.: *See*—
Reiff, O. M., and Hartough.

Hartsell, Lee, Houston, Tex. Well tool. 2,384,090; Sept. 4.

Hartshorne, Edward: *See*—
Wilson, G. P., and Hartshorne.

Hartung, Frederick A., Salem, Mass. Adjustable toolholder. 2,379,520; July 3.

Hartung, Hans, Elysburg, Pa., assignor to Robert Reiner, Incorporated, Weehawken, N. J. Device for controlling the tension in the yarns being wound upon a beam in a warping or beaming plant. 2,371,620; Mar. 20.

Hartung, Philip E.: *See*—
Logan, C. E., Dowling, and Hartung.

Hartwell, Henry, Inkster, Mich. Knife sheath. 2,387,900; Oct. 30.

Hartwig, Walter J., assignor to D. J. Murray Manufacturing Co., Wausau, Wis. Circular unit heater. 2,370,309; Feb. 27.

Harts, Hans: *See*—
Orlich, P., and Harts.

Hartzell, Herman L., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Ignition apparatus. 2,372,490; Mar. 27.

Hartzell, Herman L., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Electrical filter. 2,388,054; Oct. 30.

Hartzell, Herman L., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Grounding mechanism for magnetos. 2,391,854; Dec. 25.

Harvel Research Corporation: *See*—
Caplan, Solomon, assignor.
Harvey, Mortimer T., assignor.
Harvey, M. T., and Durst.
Harvey, M. T., and Schaufelberger, assignors.
Schaufelberger, W. F., and Harvey, assignors.

Harvell Corporation, The: *See*—
Harvey, Mortimer I., assignor.
Harvey, Mortimer T., assignor.
Schaufelberger, William F., assignor.

Harvey, Clarence, Canastota, N. Y. Antislip device. 2,372,828; Apr. 3.

Harvey, Douglass C., assignor to Eastman Kodak Company, Rochester, N. Y. Shutter release. 2,391,157; Dec. 18.

Harvey, Earle M., Springfield, Mass. Front sight for firearms. 2,380,965; Aug. 7.

Harvey, Frank M., assignor, by mesne assignments, to T. H. Speller, Buffalo, N. Y. Rivet magazine. 2,384,738; Sept. 11.

Harvey, Harold B., Pensacola, Fla. Boat. 2,386,215; Oct. 9.

Harvey, Herbert, Los Angeles, assignor. to Leo M. Harvey, La Canada, Calif. Temperature control means for washing machines and the like. 2,377,551; June 5.

Harvey, John F., Akron, and A. W. Hermandorfer, Barberton, Ohio, assignors to The Babcock & Wilcox Company, Newark, N. J. Liquid fuel burner. 2,369,046; Feb. 6.

Harvey, Leo M.: *See*—
Goble, R. W., Phillips, and Lippincott, assignors.
Greene, G. B., and O'Connor, assignors.
Harvey, Herbert, assignor.
Thacker, Ralph B., assignor.

Harvey, Leo M., La Canada, Calif. Drain valve for washing machines and the like. 2,382,562; Aug. 14.

Harvey, Mortimer T.: *See*—
Schaufelberger, W. F., and Harvey.

Harvey, Mortimer T., East Orange, N. J., assignor to The Harvel Corporation. Insecticide. 2,368,709; Feb. 6.

Harvey, Mortimer T., East Orange, N. J., assignor to Harvel Research Corporation. Millable composition. 2,383,789; Aug. 28.

Harvey, Mortimer T., East Orange, N. J., assignor to Harvel Research Corporation. Friction elements. 2,383,790; Aug. 28.

Harvey, Mortimer T., East Orange, N. J., assignor to Harvel Research Corporation. Polycarboxylic acid condensate of a terpene alcohol-formaldehyde product. 2,383,791; Aug. 28.

Harvey, Mortimer T., South Orange, N. J., assignor to The Harvel Corporation. Compositions of matter and methods and steps of making and using the same. 2,377,552; June 5.

Harvey, Mortimer T., South Orange, N. J., assignor to The Harvel Research Corporation. Protein furfuryl alcohol-formaldehyde composition. 2,383,792; Aug. 28.

Harvey, Mortimer T., South Orange, and E. F. Durst, Orange, N. J., assignors to Harvel Research Corporation. Reacting furfuryl alcohol and acid condensation products of furfuryl alcohol with glyoxal and polymerized glyoxal and products produced thereby. 2,383,793; Aug. 28.

Harvey, Mortimer T., South Orange, N. J., assignor to Harvel Research Corporation. Reaction products of secondary aliphatic alcohol and formaldehyde and producing the same. 2,388,409; Nov. 6.

Harvey, Mortimer T., East Orange, and W. F. Schaufelberger, Orange, N. J., assignors to Harvel Research Corporation. Compositions of matter and methods and steps of making and using the same. 2,366,525; Jan. 2.

Harvey, Robert L., Collingswood, and H. G. Fisher, Camden, N. J., assignors to Radio Corporation of America. Ultra high-frequency tuning apparatus. 2,367,576; Jan. 16.

Harvey, Valentine P.: *See*—
Musson, A. H., and Harvey.

Harvey, Valentine P., Deptford, assignor to Molins Machine Company, Limited, London, England. Fuse setting apparatus for shells. 2,369,394; Feb. 13.

Harvey-Whipple, Incorporated: *See*—
Carter, George L., assignor.

Harvill, Edward, Yonkers, N. Y., assignor to Boyce Thompson Institute for Plant Research, Inc. Insecticide. 2,368,357; Jan. 30.

Harville, Joseph E., Tacoma, Wash. Cable elbow. 2,387,729; Oct. 30.

Harvuot, Frank B., assignor to S. F. Bowser & Company, Incorporated, Fort Wayne, Ind. Liquid treating apparatus. 2,374,094; Apr. 17.

Harvuot, Frank B., assignor to S. F. Bowser & Company, Incorporated, Fort Wayne, Ind. Lubricant conditioner. 2,388,636; Nov. 6.

Harvuot, Frank B., assignor to S. F. Bowser & Company, Incorporated, Fort Wayne, Ind. Slow feed indicator. 2,388,843; Nov. 13.

Harwick, Henry K., Darby, assignor to Edward G. Budd Manufacturing Company, Philadelphia. Truck, especially for rail cars. 2,371,621; Mar. 20.

Harwood, James A., Deaver, Wyo. Beet cleaner. 2,388,740; Nov. 13.

Harwood Manufacturing Corporation: *See*—
Marrow, A. J., and Green, assignors.

Harwood, Paisley B., and J. M. Newman, Wauwatosa, assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Controller for electric traveling machines. 2,385,917; Oct. 2.

Harwood, Stanley G.: *See*—
Moore, James R., assignor.

Harwood, Stanley G., San Marino, Calif. Balanced valve. 2,385,510; Sept. 25.

Hasbrook, Arthur F., assignor to O. S. Petty, San Antonio, Tex. Geophysical prospecting apparatus. 2,383,966; Sept. 4.

Hasbrook, Arthur F., assignor to O. S. Petty, San Antonio, Tex. Geophysical prospecting apparatus. 2,384,739; Sept. 11.

Hasbrouck, John S., Glastonbury, assignor to United Aircraft Corporation, East Hartford, Conn. Ignition timing control device. 2,390,146; Dec. 4.

Hasche, Rudolph L.: *See*—
Brant, J. H., and Hasche.

Hasche, Rudolph L., and W. P. Utermohlen, Jr., Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Esters of alpha-ethacrylic acid. 2,388,844; Nov. 13.

Haseltine, Stacy B., La Grange, assignor to W. H. Miner, Inc., Chicago, Ill. Railway car truck. 2,375,918; May 15.

Haseltine, Stacy B., La Grange, assignor to W. H. Miner, Inc., Chicago, Ill. Snubbing springs. 2,375,919; May 15.

Haseltine, Stacy B., La Grange, assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorber. 2,379,078; June 26.

Haseltine, Stacy B., LaGrange, assignor to W. H. Miner, Inc., Chicago, Ill. Railway car truck. 2,379,521; July 3.

Haseltine, Stacy B., La Grange, assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorber. 2,382,563; Aug. 14.

Haseltine, Stacy B., La Grange, assignor to W. H. Miner, Inc., Chicago, Ill. Combined spring and friction shock absorber. 2,386,895; Oct. 16.

Haseltine, Stacy B., La Grange, and G. E. Dath, assignors to W. H. Miner, Inc., Chicago, Ill. Friction shock absorber. 2,384,091; Sept. 4.

Haselton, Kenneth E., assignor to The N. D. Cass Co., Athol, Mass. Toy. 2,380,174; July 10.

Hasenberg, Werner, Rio de Janeiro, Brazil. Communication system. 2,387,443; Oct. 23.

Haskelite Manufacturing Corporation: *See*—
Baesecker, Raymond L., assignor.
Curran, Frank M., assignor.

Haskell, Ira G., San Francisco, Calif. Removable concrete insert plug. 2,366,401; Jan. 2.

Haskell, Nelson B., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Manufacture of gasoline. 2,388,322; Nov. 6.

Haskell, Orin S., Schenectady, N. Y., assignor to General Electric Company. Making hollow propellers. 2,390,789; Dec. 11.

Haskell, Robert R.: *See*—
Erickson, A. L., and Haskell.

Haskin, Byron C., Los Angeles, Calif., assignor to Warner Bros. Pictures, Inc., New York, N. Y. Color photography. 2,374,014; Apr. 17.

Haskin, Byron C., Beverly Hills, Calif., assignor to Warner Bros. Pictures, Inc., New York, N. Y. Color photography. 2,374,015; Apr. 17.

Haskins, Robert, Jr.: *See*—
Muma, J. R., Wilson, and Haskins.

Haskins, Robert, Jr., Garden City, N. Y., assignor to Sperry Gyroscope Company, Inc. Erection device for gyro verticals. 2,382,993; Aug. 21.

Haskins, Robert, Jr., Garden City, O. E. Esval, Huntington, and R. S. Curry, Jr., Baldwin, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Magnetic erection device for gyroscopes. 2,390,532; Dec. 11.

Haskins, William B., Los Angeles, Calif. Can opener. 2,372,948; Apr. 3.

Haslacher, Alfred B., New York, N. Y. Automatic bottom bag and making same. 2,377,005; May 29.

Hasler A.-G. Werke für Telephonie und Präzisionsmechanik: *See*—
Ochsenbein, Walter, assignor.

Hass, Henry B.: *See*—
Larrison, M. S., and Hass.

Hass, Henry B., West Lafayette, Ind., and B. M. Vanderbilt, Baton Rouge, La., assignors to Purdue Research Foundation, Lafayette, Ind. Esters of nitrohydroxy compounds. 2,374,484; Apr. 24.

Hass, Henry B., West Lafayette, Ind., and W. R. McElroy, Beacon, N. Y., assignors to Purdue Research Foundation, Lafayette, Ind. Aliphatic dinitro tetranitrates. 2,381,406; Aug. 7.

Hass, Henry B., West Lafayette, Ind., and W. R. McElroy, Beacon, N. Y., assignors to Purdue Research Foundation, Lafayette, Ind. Aliphatic dinitro tetrols. 2,387,019; Oct. 16.

Hass, Henry B., West Lafayette, assignors to Purdue Research Foundation, Lafayette, Ind. Resolution of enantiomorphs. 2,388,688; Nov. 13.

Hasselbaum, Oscar H., assignor to Joseph Pollak Corp., Dorchester, Mass. Electrical circuit for combustion motors. 2,376,691; May 22.

Hasselquist, Hugo S., Oak Park, Ill., assignor to Joseph Dixon Crucible Company, Jersey City, N. J. Mechanical pencil eraser mounting. 2,369,047; Feb. 6.

Hasselquist, Victor H., Akron, Ohio, and W. B. Freeman, Cuyahoga, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Building form. 2,367,772; Jan. 23.

Hasselquist, Victor H., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Apparatus for applying elastic covers. 2,378,011; June 12.

Hasselstrom, Torsten: *See*—
Dressler, R. G., Vivian, and Hasselstrom.

Hasselstrom, Torsten, Savannah, Ga., and B. L. Hampton, Jacksonville, Fla., said Hampton assignor to G & A Laboratories, Inc., Savannah, Ga. Hydrating turpentine and like matters and products thereof. 2,385,572; Sept. 25.

Hasselstrom, Torsten, assignor to G and A Laboratories, Inc., Savannah, Ga. Treating complex compounds containing a side isopropyl group and products therefrom. 2,386,606; Oct. 9.

Hassler, Gerald L., Altadena, assignor to Shell Development Company, San Francisco, Calif. Borehole indicating apparatus. 2,380,520; July 31.

Hassler, Paul M., Batavia, assignor to Richards-Wilcox Manufacturing Company, Aurora, Ill. Conveyer. 2,372,199; Mar. 27.

Hastings, Arthur C., Jr., South Yarmouth, Mass. Fluidtight seal. 2,379,635; July 3.

Hastings, Charles E., Riddle, Idaho. Piston and ring construction. 2,390,586; Dec. 11.

Hastings, Emita E., et al.: *See*—
Hastings, M. G., and Hayward, assignors.

Hastings Manufacturing Company: *See*—
Phillips, Harold P., assignor.

Hastings, Merrill G., et al.: *See*—
Hastings, M. G., and Hayward, assignors.

Hastings, Merrill G., Wellesley, and H. J. Hayward, Arlington, assignors to M. G. and E. E. Hastings, Wellesley, and R. L. Fielding, Cambridge, Mass. Filter. Re. 22,651; June 12.

Hastings, Merrill G., Wellesley, and H. J. Hayward, Wakefield, assignors to M. G. and E. E. Hastings, Wellesley, and R. L. Fielding, Cambridge, Mass. Filter. 2,368,216; Jan. 30.

Hasty, George: *See*—
Cohen, M., Enoch, Hasty, and Jorgenson.

Hat Corporation of America: *See*—
O'Brien, Paul C., assignor.

Hatch, James W., assignor of one-half to F. E. Sandell, Detroit, Mich. Pumping mechanism. 2,376,856; May 29.

Hatch, Meredith R.: *See*—
Rode, F. J., and Hatch.

Hatch, Walter E., and J. H. Rollins, Toledo, Ohio, assignors, by mesne assignments, to LaSalle National Bank, trustee, Chicago, Ill. Grenseproof composition. 2,367,678; Jan. 23.

Hatcher, Walter G.: *See*—
Cone, Russell C., assignor.

Hatfield, James E., Shaker Heights, assignor to Willard Storage Battery Company, Cleveland, Ohio. Machine for pasting storage battery grids. 2,385,277; Sept. 18.

Hatfield, Robert L., Cleveland Heights, Ohio, assignor to Addressograph-Multigraph Corporation, Wilmington, Del. Printing machine. 2,390,587; Dec. 11.

Hatfield, Willard C.: *See*—
Schonert, K. E., and Hatfield.

Hathaway, Chester A., Burbank, assignor, by mesne assignments, to Lockheed Aircraft Corporation. Ammunition roller. 2,388,967; Nov. 13.

Hathaway, Claude M.: *See*—
Floyd, Frederick K.
Merrill, M. S., and Hathaway.

Hathaway, Claude M., Denver, Colo. Oscillograph galvanometer. 2,368,831; Feb. 6.

Hathaway, Claude M., Denver, Colo., assignor to Hathaway Instrument Company. Mounting testing apparatus. 2,381,283; Aug. 7.

Hathaway Instrument Company: *See*—
Floyd, Frederick K., assignor.
Hathaway, Claude M., assignor.

Hathaway, James W., Sr.: *See*—
Johnson, G. C., and Hathaway.

Hathaway, Jarrett L., Cambridge, Mass., assignor to Radio Corporation of America. Audio frequency compensator circuit. 2,379,707; July 3.

Hathaway, Jarrett L., Manhasset, N. Y., assignor to Radio Corporation of America. Automatic voltage regulator. 2,383,309; Aug. 21.

Hathcock, Craven D., Oklahoma City, Okla. Elevator. 2,370,310; Feb. 27.

Hatherell, George A., Roscoe, assignor to F. A. Garbutt, Los Angeles, Calif. Removing lime from ores. 2,369,349; Feb. 13.

Hathorn, Charles E., Kenmore, N. Y., assignor to Curtiss-Wright Corporation. Hose clamp. 2,391,235; Dec. 18.

Hattan, Mark, Dayton, Ohio. Tensiometer. 2,380,433; July 31.

Hattenrath, Henry, Brooklyn, assignor to Artistic Silver Craft, Inc., New York, N. Y. Jewelry lock. 2,368,543; Jan. 30.

Hatton, William, South Orange, N. J., assignor to International Standard Electric Corporation, New York, N. Y. Device for testing coins. 2,390,147; Dec. 4.

Hauck Manufacturing Company: *See*—
Schumann, A. F., and Turpin, assignors.
Turpin, Alexander J., assignor.
Hauel, Anna P., Lancaster, N. Y. Negative electrode for cadmium-nickel storage batteries, and producing the same. 2,366,402; Jan. 2.
Haug, Eugene H., Glencoe, assignor to La Salle National Bank, Chicago, Ill., as trustee. Electric regulating apparatus. 2,380,521; July 31.
Haug, Eugene H., Glencoe, assignor to La Salle National Bank, Chicago, Ill., as trustee. Power factor controlling apparatus. 2,380,522; July 31.
Haug, Eugene H., assignor to La Salle National Bank, as trustee, Chicago, Ill. Automatic rectifying device. 2,383,722; Aug. 28.
Haug, Eugene H., assignor to La Salle National Bank, Chicago, Ill., as trustee. Constant current regulator. 2,386,458; Oct. 9.
Haug, Eugene H., assignor to La Salle National Bank, as trustee, Chicago, Ill. Electric control system. 2,388,845; Nov. 13.
Haugh, Gordon A., assignor to Haugh's Products Limited, Toronto, Ontario, Canada. Oxygen tent. 2,366,904; Jan. 9.
Haugh, Raymond R., assignor to V. C. Usher, Chicago, Ill. Heating method. 2,384,998; Sept. 18.
Haugh's Products Limited: *See*—
Haugh, Gordon A., assignor.
Haugland, Olof M.: *See*—
Haughland, Thormod O., assignor.
Haugland, Thormod O., assignor of one-half to O. M. Haughland, Anacortes, Wash. Removable rim for containers. 2,370,034; Feb. 20.
Haumiller, Charles, Elgin, Ill. Rotary cutter structure. 2,373,472; Apr. 10.
Haunost, Daniel A: *See*—
Koplin, H., Slate, and Haunost.
Haupt, Adolph: *See*—
Nalback, J. R. and Haupt.
Hauptli, Herbert A., assignor to Maizewood Insulation Company, Dubuque, Iowa. Wallboard construction. 2,391,052; Dec. 18.
Haury, Carl: *See*—
Brunner, F., and Haury.
Haury, Vernon E.: *See*—
Ballard, S. A., and Haury.
Haury, Vernon E., El Cerrito, assignor to Shell Development Company, San Francisco, Calif. Removal of organic radicals from N-substituted ureas. 2,374,485; Apr. 24.
Haury, Vernon E., El Cerrito, assignor to Shell Development Company, San Francisco, Calif. Preparation of amino alcohols. 2,376,054; May 15.
Haury, Vernon E., El Cerrito, Calif., assignor to Shell Development Company, San Francisco, Calif. Ketone resins. 2,388,410; Nov. 6.
Hauser, Ernst A., Cambridge, Mass., assignor to Research Corporation, New York, N. Y. Waterproofing inorganic hydrous oxide bodies, and product. 2,383,647; Aug. 28.
Hauser, Fred: *See*—
Gillespie, A. A., and Hauser, and Wise.
Hauser, Fred, Los Angeles, Calif. Automatic valve. 2,368,832; Feb. 6.
Hauser, Fred, Los Angeles, Calif. Automatic sprinkling system. 2,372,324; Mar. 27.
Hausleiter, Fritz H., Munich, Germany; vested in the Alien Property Custodian. Producing printing plates. 2,369,567; Feb. 13.
Hausler, George M., Ballston Lake, N. Y., assignor to General Electric Company. Condition responsive control. 2,372,491; Mar. 27.
Hausman, Ward B., Philadelphia, Pa. Clutch. 2,374,542; Apr. 24.
Hauswirth, Vernon O.: *See*—
Zink, W. L., Aasland, and Hauswirth.
Hauton, Paul S., assignor to Scripto Manufacturing Company, Atlanta, Ga. Apparatus for forming plastic objects. 2,380,042; July 10.
Hausz, Walter, Schenectady, N. Y., assignor to General Electric Company. Apparatus for converting sound to frequency modulated currents. 2,386,049; Oct. 2.
Hautzenroeder, Richard W., Mansfield, Ohio. Speed change device. 2,386,459; Oct. 9.
Havas, Elizabeth B., Jackson Heights, N. Y. Food separating utensil. 2,382,222; Aug. 14.
Haveg Corporation: *See*—
Adams, William H., Jr., assignor.
Haveles, Evangel A., Los Angeles, Calif. Check pad holder and punch. 2,367,773; Jan. 23.
Haven, Charles D., assignor to Libby-Owens-Ford Glass Company, Toledo, Ohio. Metallizing glass. 2,369,350; Feb. 13.
Havener, Arthur R., Wayland, assignor to Judson L. Thompson Manufacturing Company, Waltham, Mass. Riveting machine. 2,366,403; Jan. 2.
Haverhill Shoe Novelty Company: *See*—
Glagovsky, Bernard, assignor.
Haverstick, John S., assignor to De Laval Steam Turbine Company, Trenton, N. J. Turbine systems. 2,382,564; Aug. 14.
Haverstick, Samuel A., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Slip indicator. 2,387,901; Oct. 30.
Haviland, Earl H., Baltimore, Md. Machinist's calculator. 2,391,570; Dec. 25.
Havis, Aaron J., Portsmouth, Va. Air blower. 2,371,821; Mar. 20.
Havlíček, Vítězslav, Pilsen, Bohemia; vested in the Alien Property Custodian. Bushing insulator. 2,366,258; Jan. 2.
Havlick, Howard T.: *See*—
Koenig, H. L., Billheimer, and Havlick.
Hawes, Albert H., Erdington, Birmingham, assignor to C. Bryant & Son, Limited, Small Heath, Birmingham, England. Temporary support for use in casting concrete floors and similar purposes. 2,386,161; Oct. 2.
Hawes, George E., Bridgeport, Conn. Corset and the like. 2,369,459; Feb. 13.
Hawes, Robert W., Lakeland, Fla. Combined ladder and fruit conveyer. 2,374,864; May 1.
Hawkey, Mary C., Philadelphia, Pa. Umbrella doll. 2,380,175; July 10.
Hawkins, Ernest L., Chicago, Ill. Paintbrush. 2,384,029; Sept. 4.
Hawkins, Floyd C., Arcadia, Calif. Internal-combustion engine. 2,383,648; Aug. 28.
Hawkins, George F.: *See*—
Baker, G. B., and Hawkins.
Hawkins-Hawkins Co.: *See*—
Robie, Charles F., assignor.
Hawkins, James R., Flushing, assignor to Aircraft Screw Products Company, Inc., Long Island City, N. Y. Screwdriving tool. 2,371,622; Mar. 20.
Hawkins, Laurence A., Schenectady, N. Y., assignor to General Electric Company. Smoke detector. 2,369,966; Feb. 20.
Hawkins, Roe C., Long Beach, Calif. Barrel truck. 2,385,514; Sept. 25.
Hawkins, William H., Stamford, Conn., assignor to Freydberg Bros.-Strauss, Inc., New York, N. Y. Packaging reel. 2,368,594; Jan. 30.
Hawkinson, Alfred T., and A. A. Elston, Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of quinolinic acid. 2,371,691; Mar. 20.
Hawley, Frank S.: *See*—
Knelsley, R. F., and Hawley.
Hawley, James R., Seattle, Wash. Oil burner. 2,375,649; May 8.
Hawley, Jesse G., Painted Post, N. Y. Brake. 2,371,168; Mar. 13.
Hawley, Jesse G., Painted Post, N. Y. Master cylinder. 2,373,679; Apr. 17.
Hawley, Jesse G., Painted Post, N. Y. Fluid motor. 2,373,680; Apr. 17.
Hawley, Kent A., Lansdowne, assignor to Electric Power Equipment Corporation, Philadelphia, Pa. Disconnecting switch. 2,366,784; Jan. 9.
Haworth, John W.: *See*—
Bergel, F., Cohen, and Haworth.
Haworth, Mack E., Birmingham, Ala., assignor to Roberts and Schaefer Company, Chicago, Ill. Gravity separator. 2,374,865; May 1.
Hawthorne, Charles W., assignor to Morgan Construction Company, Worcester, Mass. Cooling bed. 2,367,021; Jan. 9.
Hawthorne, Eugene P.: *See*—
Farr, W. H., and Hawthorne.
Hawthorne, Louis A., Hillside, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Distributor for granular materials. 2,373,183; Apr. 10.
Hawtin, Philip R.: *See*—
Rooney, J. H., Locke, and Hawtin.
Hay, John J., assignor to Brooks Equipment and Mfg. Co., Knoxville, Tenn. Loading, hauling, and unloading equipment. 2,386,216; Oct. 9.
Hay, John O.: *See*—
Swinehart, C. F., and Hay.
Hay, John O., Cleveland Heights, assignor to The Harshaw Chemical Company, Elyria, Ohio. Separation of copper from tin. 2,367,022; Jan. 9.
Hayden, Merrill A., assignor to Vickers Incorporated, Detroit, Mich. Power transmission. 2,368,138; Jan. 30.
Hayes, Charles G., La Grange, Ill., assignor to Chicago Carton Company. Trap nest. 2,368,358; Jan. 30.
Hayes, Earl J., Chicago, Ill., assignor to American Telephone and Telegraph Company. Telephone system. 2,383,794; Aug. 28.
Hayes, Floyd W., Mountainville, assignor to National Casket Company, Incorporated, Long Island City, N. Y. Inner seal for caskets. 2,386,549; Oct. 9.
Hayes, Hal B., North Hollywood, Calif. Portable crane. 2,370,661; Mar. 6.
Hayes, Hal B., North Hollywood, Calif. Precast concrete structure. 2,372,200; Mar. 27.
Hayes, Harvey C., Washington, D. C. Electrical prospecting. 2,368,217; Jan. 30.
Hayes, Harvey C., Washington, D. C. Electrical prospecting. 2,368,218; Jan. 30.
Hayes, Harvey C., Washington, D. C. Supersonic apparatus. 2,374,637; Apr. 24.
Hayes Industries, Inc.: *See*—
Buck, Clarence M., assignor.
Hollerith, Charles, assignor.
Le Jeune, Frank H., assignor.

Hayes, John B., Milan, Ill., and R. L. Dort, Davenport, Iowa, assignors to Deere & Company, Moline, Ill. Corn picker lifting mechanism. 2,382,480; Aug. 14.
Hayes, John R., and J. D. Foley, Shreveport, assignors to Lincoln Creosoting Company, Incorporated, Bossier City, La. Pole feeding mechanism. 2,374,429; Apr. 24.
Hayes, Louise A., Washington, D. C. Toy blocks and container. 2,386,114; Oct. 2.
Hayes, Paul J., Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Large rectangular spinneret. 2,385,856; Oct. 2.
Hayes, Ralph F., North Wilbraham, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Plastic composition. 2,377,231; May 29.
Hayes, Ralph F., Springfield, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Production of brushes and the like. 2,390,437; Dec. 4.
Hayes, Stanley A.: *See*—
Stewart, James W. R., assignor.
Hayes, Stanley A., Berkeley, Calif. System and apparatus for distributing liquid solutions. 2,381,589; Aug. 7.
Hayes, Stanley W., assignor to Hayes Track Appliance Company, Richmond, Ind. Torch cutting apparatus. 2,371,048; Mar. 6.
Hayes Track Appliance Company: *See*—
Hayes, Stanley W., assignor.
Haynes, Cecil J., Houston, Tex., assignor to Standard Oil Development Company. Screen for wells. 2,371,391; Mar. 13.
Haynes, Charles A., Harrison, assignor to Todd Shipyards Corporation, New York, N. Y. Ship to pier gangway. 2,372,574; Mar. 27.
Haynes, Herbert H., Clarksburg, W. Va. Extension and reduction appliance. 2,371,519; Mar. 13.
Haynes, Herbert H., Clarksburg, W. Va. Surgical screw. 2,388,482; Nov. 6.
Haynes, Robert, San Francisco, Calif. Outlet collar flange. 2,374,993; May 1.
Haynes, Robert L., Indianapolis, Ind., assignor to Radio Corporation of America. Variable gain audio amplifier system and method. 2,379,484; July 3.
Haynes, Robert L., Indianapolis, Ind., assignor to Radio Corporation of America. Light measuring method and system. 2,390,833; Dec. 11.
Haynes Stellite Company: *See*—
Ullmer, Valentine G., assignor.
Hays, Charles H., Jr., Northeast, Pa., assignor to Jamestown Metal Equipment Company, Inc., Jamestown, N. Y. Operating and timing devices for laundering machines and the like. 2,379,522; July 3.
Hays, Claude H., London, England, assignor to Celanese Corporation of America. Conversion of continuous filaments into staple fiber yarns or like products. 2,366,785; Jan. 9.
Hays Corporation, The: *See*—
Sprague, Philip T., assignor.
Hays, Fred E., and L. O. Scott, San Jose, Calif. Mattress scrubber. 2,385,511; Sept. 25.
Hays, Harrison L., Bartlesville, Okla., assignor to Phillips Petroleum Company. Treatment of hydrocarbons. 2,378,079; June 12.
Hays, Leslie C., Healdsburg, Calif. Lamp changer. 2,387,846; Oct. 30.
Hays, Russell R., Lawrence, Kans. Helicopter. 2,369,048; Feb. 6.
Hays, Russell R., Lawrence, Kans. Rotary wing aircraft. 2,369,049; Feb. 6.
Hays, Russell R., Lawrence, Kans. Helicopter. 2,388,653; Nov. 6.
Hays, Russell R., Lawrence, Kans. Hydraulic drilling device. 2,388,741; Nov. 13.
Hays, Russell R., Lawrence, Kans. Well drilling apparatus. 2,390,646; Dec. 11.
Hays, Thomas W., Salt Lake City, Utah, assignor to The Union Switch and Signal Company, Swissvale, Pa. Remote control system. 2,389,975; Nov. 27.
Hayslett, Lamar E., Kenmore, and F. H. Osborne, Snyder, N. Y., assignors to The Rudolph Wurlitzer Company, Cincinnati, Ohio. Remote control apparatus. 2,387,444; Oct. 23.
Hayter, Bruce: *See*—
Breese, J. L., and Hayter.
Breese, J. L., Hayter, and Huston.
Hayter, Bruce, assignor to Oil Devices, Santa Fe, N. Mex. Pot type burner and pilot baffle therefor. 2,371,520; Mar. 13.
Hayter, Bruce, assignor to Oil Devices, Santa Fe, N. Mex. Tubular pilot. 2,373,310; Apr. 10.
Hayter, Bruce, assignor to Oil Devices, Santa Fe, N. Mex. Pot type burner and improved air admission means therefor. 2,381,744; Aug. 7.
Hayter, Bruce, assignor to Oil Devices, Santa Fe, N. Mex. Pot type burner with scoop pilot ring. 2,388,914; Nov. 13.
Hayter, Gordon W., Ravensworth Park, near Gateshead-on-Tyne, England. Centrifugal clutch. 2,368,299; Jan. 30.
Hayward, Claude D., Lansdowne, Pa., assignor to General Electric Company. Electric protective arrangement. 2,374,994; May 1.
Hayward, Claude D., Lansdowne, Pa., assignor to General Electric Company. Protection of electric systems. 2,384,375; Sept. 4.
Hayward, Harry J.: *See*—
Hastings, M. G., and Hayward.
Hayward, Henry W., Irondequoit, N. Y. Liquid heater. 2,386,949; Oct. 16.
Hayward, John A., Claremont, N. H., assignor to Sullivan Machinery Company. Cutter chain. 2,390,251; Dec. 4.
Hayward, John T., Tulsa, Okla. Freeing pipe jammed in a well. 2,372,575; Mar. 27.
Hayward, John T., Tulsa, Okla. Determining formation porosity during drilling. 2,372,576; Mar. 27.
Hayward, John T., Tulsa, Okla. Apparatus for determining permeabilities of porous media. 2,390,252; Dec. 4.
Hayward, Landes H., Los Angeles, Calif. Well cementing device. 2,379,079; June 26.
Hayward, Sheldon C., Merchantville, N. J., assignor to Radio Corporation of America. Indicator. 2,367,577; Jan. 16.
Hayward, William T.: *See*—
Gibb, J. A., Hayward, and Schutte.
Haywood, Gerald, Westernport, Md., and W. M. Welton, Piedmont, W. Va., assignors to West Virginia Pulp and Paper Company, New York, N. Y. Producing improved calcium sulphite. 2,375,786; May 15.
Haywood, Gerald R.: *See*—
Leape, C. B., and Haywood.
Hazard, Charles S., Andover, and H. F. Soper, East Orange, N. J., assignors to Neptune Meter Company, Single knob price setting mechanism. 2,375,787; May 15.
Hazel-Atlas Glass Company: *See*—
Jardine, Guy F., assignor.
Ross, James W., assignor.
Hazelett, Clarence W., Greenwich, Conn. Continuous casting apparatus and process. 2,383,310; Aug. 21.
Hazeltine Corporation: *See*—
Loughren, Arthur V., assignor.
Wilson, John C., assignor.
Hazeltine, James E., Jr., assignor to Armstrong Cork Company, Lancaster, Pa. Building structure. 2,371,049; Mar. 6.
Hazen, Arthur J.: *See*—
Keese, B. W., and Hazen.
Headon, Frank, New York, N. Y. Knitted goods. 2,388,144; Oct. 30.
Heagney, John W., Minneapolis, Minn. Bobsled. 2,388,145; Oct. 30.
Heald Machine Company, The: *See*—
Heald, Richard A., assignor.
Scott, Gherald D., assignor.
Heald, Richard A., assignor to The Heald Machine Company, Worcester, Mass. Apparatus for internal grinding. 2,382,311; Aug. 14.
Healy, John J., Jr., Brookline, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Liquid coating compositions. 2,377,840; June 5.
Healy, Patrick J., et al.: *See*—
Bowman, Lee, assignor.
Healy, Roy T., Clinton, Mass. Combination garment. 2,378,706; June 19.
Heany Industrial Ceramic Corporation: *See*—
Heany, John A., assignor.
Heany, John A., New Haven, Conn., assignor to Heany Industrial Ceramic Corporation, Rochester, N. Y. Aluminous material. Re. 22,648; June 5.
Heany, John A., New Haven, Conn., assignor to Heany Industrial Ceramic Corporation, Rochester, N. Y. Nozzle. 2,379,432; July 3.
Heany, John A., New Haven, Conn., assignor to Heany Industrial Ceramic Corporation, Rochester, N. Y. Making aluminous products. 2,391,454; Dec. 25.
Heard, Llewellyn: *See*—
Oblad, A. G., and Heard.
Heard, Llewellyn, Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Catalytic conversion process. 2,389,734; Feb. 20.
Heard, Llewellyn, Hammond, Ind., and R. V. Shankland and J. C. Baille, assignors to Standard Oil Company, Chicago, Ill. Alumina gel catalysis. 2,371,237; Mar. 13.
Heard, Willis J., Fort Worth, Tex. Rod guide. 2,389,906; Nov. 27.
Hearne, George W.: *See*—
Evans, T. W., Finch, and Hearne.
Hearne, George W., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Production of diolefins. 2,379,708; July 3.
Hearne, George W., and G. A. Stenmark, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Production of polyolefins. 2,366,620; Jan. 2.
Hearne, George W., Berkeley, and D. S. La France, Walnut Creek, assignors to Shell Development Company, San Francisco, Calif. Rearrangement of unsaturated aliphatic alcohols. 2,373,956; Apr. 17.
Hearne, George W., Berkeley, and M. L. Adams, Lafayette, Calif., assignors to Shell Development Company, San Francisco, Calif. Production of chloroprene by pyrolysis. 2,391,827; Dec. 25.
Hearon, Robert J., Arlington, Va. Demonstration apparatus. 2,390,706; Dec. 11.
Hearton, John M., Williamsport, Pa. Antiskid heel attachment. 2,370,625; Mar. 6.
Heat Transfer Products, Inc.: *See*—
Jacocks, George T., assignor.

Heater, Charles L., assignor to American Steel Foundries, Chicago, Ill. Brake rotor. 2,368,985; Feb. 6.
Heath, Arthur M., Houston, Tex. Tire pressure alarm. 2,374,748; May 1.
Heath, Frank M., Silver Spring, Md. Leveling device for combines. 2,368,219; Jan. 30.
Heath, Herbert P.: *See*—
Bugler, A. G., and Heath.
Heath, Herbert P., Riverside, and K. A. Weston, Chicago, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Welding apparatus. 2,387,067; Oct. 16.
Heath, Robert, Fort Collins, Colo. Power shovel and loading device. 2,385,512; Sept. 25.
Heath, William C.: *See*—
Allen, L. B., and Heath.
Heath, William C., Shorewood, assignor to A. O. Smith Corporation, Milwaukee, Wis. Machine tool drive unit. 2,360,527; Jan. 2.
Heath, William C., Shorewood, assignor to A. O. Smith Corporation, Milwaukee, Wis. Extrusion centering wire guide. 2,366,528; Jan. 2.
Heath, William C., Shorewood, assignor to A. O. Smith Corporation, Milwaukee, Wis. Indexing airplane propeller blade. 2,381,284; Aug. 7.
Heath, William C., Shorewood, assignor to A. O. Smith Corporation, Milwaukee, Wis. Welded grating. 2,384,303; Sept. 4.
Heatton, Walter H., Franklin, Mass. Shoe stiffener. 2,381,590; Aug. 7.
Heavener, Arthur A.: *See*—
Bourland, I. R., and Heavener.
Heavens, E. M., et al.: *See*—
Huge, Henry M., assignor.
Pohm, George H., assignor.
Hebb, Andrew O., Newmarket, and W. A. Whitney, Toronto, Ontario, Canada. Apparatus for charging melting pots of typesetting machines. 2,372,158; Mar. 20.
Hebbard, George M., assignor to Dow Chemical Company, Midland, Mich. Gas and liquid contact apparatus. 2,377,781; June 5.
Hebbard, George M., assignor to The Dow Chemical Company, Midland, Mich. Recovery of sulphur dioxide and diolefines from sulphones. 2,384,376; Sept. 4.
Hebeler, Edward S., Williamsville, N. Y., assignor, by mesne assignments, of one-half to Unit Rays, Inc., Cleveland, Ohio. Arc welding apparatus. 2,384,618; Sept. 11.
Heberlein, Georges, and E. Weiss, Wattwil, Switzerland, assignors to Heberlein Patent Corporation, New York, N. Y. Producing pattern effects on fabrics. 2,382,416; Aug. 14.
Heberlein, Gustave E., Jeannette, and F. L. Kradel, assignors to Railway and Industrial Engineering Company, Greensburg, Pa. Interrupter switch. 2,383,795; Aug. 28.
Heberlein, Max F. W., Rahway, N. J., assignor to The American Metal Company, Limited, New York, N. Y. Recovery of indium. 2,378,848; June 19.
Herberlein Patent Corporation: *See*—
Heberlein, G., and Weiss, assignors.
Heberlein, R., and Fretz, assignors.
Heberlein, R., and Kunsle, assignors.
Kraase, W., and Waltmann, assignors.
Waltmann, E., and Wolf, assignors.
Heberlein, Rudolf, Wattwil, and M. Fretz, Zurich, Switzerland, assignors to Heberlein Patent Corporation, New York, N. Y. Halftone intaglio textile printing roller and method of producing same. 2,370,461; Feb. 27.
Heberlein, Rudolf, and A. Künzle, Wattwil, Switzerland, assignors to Heberlein Patent Corporation, New York, N. Y. Apparatus for varying the angular relation of driven members. 2,385,918; Oct. 2.
Hebern, Edward H., Oakland, Calif., assignor to International Code Machine Company, Reno, Nev. Cipher machine. 2,373,890; Apr. 17.
Hebert, Neville Z., Jeanerette, La. Agricultural device. 2,388,689; Nov. 13.
Hebert, Neville Z., Jeanerette, La. Agricultural device. 2,389,976; Nov. 27.
Hechenbleikner, Ingenuin, Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Neutral organic esters of sulphurous acid as pest-control agents. 2,377,148; May 29.
Hecht, George, Astoria, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,370,403; Feb. 27.
Hecht, Myer H., Allentown, assignor to The Atlas Mineral Products Company of Pennsylvania, Mertztown, Pa. Adhesive and adherent coating composition for bituminous surfaces. 2,388,846; Nov. 13.
Heck, John T., Elmhurst, and L. J. Du Mais, Chicago, Ill., assignors to Da-Lite Screen Company, Inc. Portable reversible screen construction. 2,377,553; June 5.
Heck, Joseph E.: *See*—
Carpenter, V. W., Bell, and Heck.
Heckathorn, Loyd, Garden Grove, assignor to H. B. and S. Rapp, Santa Ana, Calif., co-partners doing business as Towner Manufacturing Co. Implement construction. 2,380,594; July 31.
Heckel, Heinrich, Dinslaken, and O. Roelen, Oberhausen-Holten, Germany; vested in the Alien Property Custodian. Hydrogenation of carbon monoxide. 2,369,106; Feb. 6.
Heckendorn, Alphonse: *See*—
Felix, F., and Heckendorn.
Hecker, John C., assignor to Distillation Products, Inc., Rochester, N. Y. Vacuum distillation process and apparatus. 2,370,462; Feb. 27.
Hecker, Roy H.: *See*—
Findley, K., Krueger, Hecker, Matteson, and Findley.
Heckethorn, John E., Littleton, Colo. Threading and testing machine. 2,380,841; July 31.
Heckethorn, John E., A. B. Bourg, and E. J. Leonard, assignors to Heckethorn Manufacturing & Supply Co., Littleton, Colo. Automatic infeed and ejecting attachment for grinding machines. 2,379,961; July 10.
Heckethorn Manufacturing & Supply Co.: *See*—
Heckethorne, J. E., Bourg, and Leonard, assignors.
Heckethorn, William W., assignor.
Heckethorn, William W., assignor to Heckethorn Manufacturing & Supply Co., Littleton, Colo. Welded tube closure machine. 2,384,740; Sept. 11.
Heckman, August E., Seaford, N. Y. Screw die-head. 2,390,647; Dec. 11.
Heckman, John A., assignor to J. F. Barnes, as trustee, Elmhurst, Ill. Fan. 2,390,588; Dec. 11.
Heckman, Joseph C., Pittsburgh, Pa. Making pigments. 2,366,855; Jan. 9.
Heckman, William F., Newport, Ky. Window glass. 2,382,566; Aug. 14.
Hedberg, Aldrich R., Cleveland, Ohio, assignor of one-third to M. E. Lorentz and one-third to K. W. Peterson. 2,379,003; June 26.
Hedberg, Carl W. J., and R. B. Hesson, Bound Brook, N. J., assignors to Research Corporation, New York, N. Y. Material collecting electrode. 2,369,967; Feb. 20.
Hedberg, Carl W. J., Bound Brook, N. J., and H. L. Richardson, St. Louis, Mo., assignors to Research Corporation, New York, N. Y. Recovery of material from rooster gases. 2,382,565; Aug. 14.
Hedding, Linnie K.: *See*—
Clausen, H. C., and Hedding.
Heddon, John, assignor to J. Heddon's Sons, Dowagiac, Mich. Reel seat. 2,379,578; July 3.
Heddon's, James, Sons: *See*—
Heddon, John, assignor.
Hedene, Edwin E., Oakland, Calif., assignor to Merco Nordstrom Valve Company, Pittsburgh, Pa. Fluid pressure operated valve. 2,381,447; Aug. 7.
Hedenström, Anders E. G., Stockholm, Sweden. Stand to support collecting covers or the like. 2,376,483; May 22.
Hederhorst, Fred, Baytown, Tex., assignor to Standard Oil Development Company. Method and apparatus for sweating waxes. 2,368,468; Jan. 30.
Hedge, Marvin K., Norwich, N. Y. Reel. 2,367,214; Jan. 16.
Hedges, Don F., Crown Point, Ind., assignor to Carnegie-Illinois Steel Corporation. Transportation load and method of preparing the same. 2,387,902; Oct. 30.
Hedges, Harry O.: *See*—
Wallace, F. R., and Hedges.
Hedges, William D., J. C. Lowman, and T. J. Kerr, assignors to Columbus Coated Fabrics Corporation, Columbus, Ohio. Manufacture of plasticizer or softening agent. 2,387,393; Oct. 23.
Hedges, William D., J. C. Lowman, and T. J. Kerr, assignors to Columbus Coated Fabrics Corporation, Columbus, Ohio. Coated fabric material. 2,387,394; Oct. 23.
Hedges, William D., J. C. Lowman, and T. J. Kerr, assignors to Columbus Coated Fabrics Corporation, Columbus, Ohio. Patent leather. 2,387,395; Oct. 23.
Hedges, William D., J. C. Lowman, and T. J. Kerr, assignors to Columbus Coated Fabrics Corporation, Columbus, Ohio. Upholstering fabric. 2,387,396; Oct. 23.
Hedgren, Arthur W., assignor to H. H. Robertson Company, Pittsburgh, Pa. Making reinforced concrete buildings. 2,379,636; July 3.
Hedgren, Arthur W., assignor to H. H. Robertson Company, Pittsburgh, Pa. Building construction. 2,388,968; Nov. 13.
Hediger, Ernst, and W. E. Schildhauer, assignors to The Carborundum Company, Niagara Falls, N. Y. Electrical resistor. 2,385,702; Sept. 25.
Hedin, Oscar C.: *See*—
Bergstrom, Carl A., and W. C., Hedin, and Pennington.
Hedin, Oscar C., Cleveland Heights, assignor to The Weldon Tool Company, Cleveland, Ohio. Shadow screen inspection and method and article related to the same. 2,381,164; Aug. 7.
Hedin, Uno C.: *See*—
Bucklen, Herbert E., Jr.
Hedin, Uno C., assignor to H. E. Bucklen, Jr., Elkhart, Ind. Mercury relay. 2,367,498; Jan. 16.
Hedley, Norman, and J. J. Kress, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Use of lime in heavy-media separation process. 2,385,079; Sept. 18.
Hedlund, William T., New Rochelle, assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,375,359; May 8.
Hedman, Fritz A., Meadville, Pa., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,377,782; June 5.

Hedman, Sverre R.: *See*—
Fridlund, Y. A., and Hedman.
Heer, Jules: *See*—
Miescher, K., and Heer.
Miescher, K., Heer, and Fischer.
Heese, Fred L., assignor to Automatic Equipment Manufacturing Company, Pender, Nebr. Animal-scratching device. 2,380,842; July 31.
Heese, Fred L., assignor to Automatic Equipment Manufacturing Company, Pender, Nebr. Animal-scratching device. 2,380,843; July 31.
Heese, Fred L., assignor to Automatic Equipment Manufacturing Company, Pender, Nebr. Animal-scratching device. 2,380,844; July 31.
Hefele, John R., Yonkers, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,373,395; Apr. 10.
Hefele, John R., Yonkers, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,373,396; Apr. 10.
Hegan, Horace J., and J. H. Givens, Coventry, assignors to Courtaulds Limited, London, England. Manufacture and production of artificial filaments, threads, films, and the like. 2,375,650; May 8.
Hegel, George W.: *See*—
Otis, A. N., and Hegel.
Hegener, Joseph, Llanerch, Pa., assignor to Radio Corporation of America. Horn loud-speaker. 2,390,834; Dec. 11.
Hegewald, Ernest, Jersey City, N. J. Torpedo deflecting shield. 2,376,055; May 15.
Hegmauer, Paul, Berlin, Germany, assignor to Ruf-Buchhaltung Aktiengesellschaft, Zurich, Switzerland. Attachment for typewriting machines. 2,387,068; Oct. 16.
Hehn, Otto, assignor, to The Sparks-Withington Company, Jackson, Mich. Projection screen. 2,369,143; Feb. 13.
Heidbrink, Jay A., Minneapolis, Minn., assignor to Air Reduction Company, Incorporated, New York, N. Y. Breathing mask for parachute escape devices. 2,383,649; Aug. 28.
Heideman, Albert A., Zurich, Ontario, Canada. Fountain tooth brush. 2,370,626; Mar. 6.
Heidenfelder, Fred A.: *See*—
Bicknell, G. R., and Heidenfelder.
Heidloff, Joseph R., assignor to Bendix Aviation Corporation, Detroit, Mich. Fluid transmission. 2,376,431; May 22.
Heidt, Alexander J.: *See*—
Schmieder, William, assignor.
Heigis, Henry E., West Orange, assignor to Specialties Development Corporation, Bloomfield, N. J. Automatic inflation equipment. 2,374,200; Apr. 24.
Heigl, John J., Tulsa, Okla., assignor to Standard Oil Development Company. Acid treating wells. 2,367,350; Jan. 16.
Heikes, Norman L., West End, N. J. Heavy duty snap switch. 2,373,681; Apr. 17.
Heil Co., The: *See*—
French, Henry C., assignor.
Meyer, A. F., and French, assignors.
Heil, Harold G., Middletown, N. Y. Spare tire carrier and hoist. 2,377,149; May 29.
Heil, Theodore, Berkeley, Calif. Convertible utility and camp trailer and camp tent. 2,383,192; Aug. 21.
Heil, Vernon E.: *See*—
Larsen, E. L., Heil, and Swazy.
Heilborn, Herman, Brooklyn, N. Y. Nursing nipple. 2,388,015; Nov. 13.
Heilbrunn, Simon, and A. F. Kaptuller, Chicago, Ill.; said Kaptuller assignor to said Heilbrunn. Coupon holder. 2,382,877; Aug. 14.
Heiligman, Randall: *See*—
Dean, J. G., Heiligman, and Riley.
Heilman, Joseph R.: *See*—
Clark, E. K., and Heilman.
Heilman, Joseph R., Mansfield, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Toasting apparatus. 2,379,709; July 3.
Heim Company, The: *See*—
Heim, Lewis R., assignor.
Heim, Gerhard, Sindelfingen, Germany; vested in the Alien Property Custodian. Device for connecting sheet metal members. 2,376,692; May 22.
Heim, Hans: *See*—
Berg, H., and Heim.
Heim, Lewis R., assignor to The Heim Company, Fairfield, Conn. Making bearings. 2,366,668; Jan. 2.
Heim, Lewis R., assignor to The Heim Company, Fairfield, Conn. Apparatus for polishing. 2,372,722; Apr. 3.
Heim, Rudolph F., St. Joseph, Mo. Fruit jar holder and lid tightener. 2,386,460; Oct. 9.
Heimbach, Bruno, Stuttgart, Germany; vested in the Alien Property Custodian. Rotary blower. 2,367,463; Jan. 16.
Heimbach, Newton: *See*—
Dersch, F., and Heimbach.
Heimbach, Newton, Johnson City, assignor to General Aniline & Film Corporation, New York, N. Y. Photographic filter and anti-halation layers. 2,390,707; Dec. 11.
Heimberger, Harry T., Rolla, Mo., assignor by decree of distribution to P. M. Heimberger. Electrical resistance element. 2,366,905; Jan. 9.
Heimberger, Pansye M.: *See*—
Heimberger, Harry T., assignor.
Hein, Carl C., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Copper oxide rectifier for automobiles. 2,367,943; Jan. 23.
Hein, Carl C., Forest Hills, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Contact for copper oxide rectifiers. 2,383,311; Aug. 21.
Hein, Carl C., Forest Hills, and John W. Stevenhagen, Wilkinsburg, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Copper oxide rectifier. 2,389,363; Nov. 20.
Hein, George N., San Carlos, assignor to Food Machinery Corporation, San Jose, Calif. Feeding and orienting method and apparatus. 2,372,325; Mar. 27.
Hein, Robert O., Chicago, Ill. Filing machine. 2,367,864; Jan. 23.
Heineck, Paul B., and A. A. Meddock, North Hollywood, Calif., assignors, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Remote control system. 2,368,659; Feb. 6.
Heineman, Arnold H., assignor to The Guardite Corporation, Chicago, Ill. Opening and closing pressure containers. 2,370,680; Mar. 6.
Heineman, Arnold H., Chicago, Ill., assignor to The Guardite Corporation. Closure system for vacuum driers. 2,373,891; Apr. 17.
Heineman, Arnold H., Chicago, Ill., assignor to The Guardite Corporation. Gun port mounting. 2,379,710; July 3.
Heineman, Frances, assignor to Herman Plaut Company, New York, N. Y. Headwear. 2,386,682; Oct. 9.
Heineman, Stephen D.: *See*—
Lee, J., and Heineman.
Heinemann, Edward H., Los Angeles, and P. A. Dennis, Manhattan Beach, assignors to Douglas Aircraft Company, Inc., Santa Monica, Calif. Flexible engine mount. 2,377,006; May 29.
Heinemann, Richard F., Oakland, Calif. Machine for twisting strip stock. 2,377,629; June 5.
Heinen, Josef, Cologne-on-the-Rhine, Germany; vested in the Alien Property Custodian. Manufacture of titanium dioxide. 2,367,118; Jan. 9.
Heinle, Carl W., East Orange, N. J., assignor to American Can Company, New York, N. Y. Liquid filling machine. 2,380,434; July 31.
Heinmiller, Percival M.: *See*—
Barnhart, R. M., Bennett, and Heinmiller.
Heinrich, George C., assignor to Manning, Bowman & Co., Meriden, Conn. Electric heating pad. 2,382,312; Aug. 14.
Heinrich, Paul W., Grosse Pointe Park, Mich. Electrode holder. 2,384,999; Sept. 18.
Heintz, James C., Lakewood, Ohio. Combination spot vulcanizer. 2,370,241; Feb. 27.
Heintz, James C., Lakewood, Ohio. Rim-centering means. 2,371,238; Mar. 13.
Heintz & Kaufman, Ltd.: *See*—
Sphar, Clark H., assignor.
Heintz Manufacturing Company: *See*—
D'Ardenne, Walter H., assignor.
Lambert, Francis M., assignor.
Trautvetter, George, assignor.
Heintz, Ralph M., Cleveland, assignor to Jack and Heintz, Inc., Bedford, Ohio. Air relay assembly for automatic pilots. 2,379,299; June 26.
Heintz, Ralph M., assignor, by mesne assignments, to Jack & Heintz, Inc., Cleveland, Ohio. Internal combustion engine. 2,386,607; Oct. 9.
Heintz, Wallace P., Belmont, and W. H. Zillessen, Boston, Mass., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Unified process for treating wool. 2,387,510; Oct. 23.
Heintze, Carl P., Amityville, N. Y. Jet propulsion power plant. 2,383,385; Aug. 21.
Heinz, Winfield B., Bound Brook, N. J. Tension regulating mechanism. 2,389,047; Nov. 13.
Heinze, M. P., Machine Co.: *See*—
Atherton, Neil F., assignor.
Heinze, Werner: *See*—
Mez, E., Pott, and Heinze.
Heinzen, Harry R.: *See*—
Pike, C. H., and Heinzen.
Heiroth, Arvid, Bergenfield, assignor to Keuffel & Esser Company, Hoboken, N. J. Drafting machine. 2,368,021; Jan. 23.
Heise, George W.: *See*—
Schumacher, E. A., and Heise.
Heiser, Ferdinand F.: *See*—
Pawelsky, V. R., and Heiser.
Heisey, A. H., & Company: *See*—
Cobel, Ray C., assignor.
Heiskell, Herbert C., Joplin, Mo. Piston and cylinder construction. 2,372,492; Mar. 27.
Heist, Philip A., Elmhurst, N. Y., assignor to Pilot Marine Corp., Cliffside Park, N. J. Engine room signal device. 2,368,300; Jan. 30.
Helf, Henry G. A., Norfolk, Va. Eyelet cover. 2,369,735; Feb. 20.

Heit, James P., Minneapolis, Minn. Trailer hitch. 2,372,271; Mar. 27.

Heitshu, Daniel C., Brightmoor, assignor to Harry Ferguson, Inc., Dearborn, Mich. Conveying and handling unit. 2,375,104; May 1.

Hejduk, Arthur A., assignor to The Meriam Instrument Company, Cleveland, Ohio. Manometer. 2,389,508; Nov. 20.

Helbush, Herman H.: *See*—
Edwards, Russell, assignor.
Lipp, Elmer L., assignor.
Wallace, Frank C., assignor.

Helfeda, S. A.: *See*—
Mercier, Pierre E., assignor.

Helfenbein, Richard C.: *See*—
Zabel, W. C. P., and Helfenbein.

Helfenstein, Adam, Aesch, near Basel, assignor to the Swiss firm of Fr. Sauter A. G. Fabrik elektra. Apparate, Basel, Switzerland. Plant for cleaning articles smeared with oil, greases, or the like. 2,369,050; Feb. 6.

Helfenstein, John, Minneapolis, Minn. Fishing lure. 2,385,986; Oct. 2.

Helfrick, Joseph R., Port Washington, N. Y. Anal retractor. 2,384,304; Sept. 4.

Helin, Francis A., Watertown, N. Y. Rotary drier. 2,367,578; Jan. 16.

Helin, Francis A., assignor to The Bagley and Sewall Company, Watertown, N. Y. Stock inlet. 2,384,912; Sept. 18.

Helix Gage Works: *See*—
Back, Franz G., assignor.

Helland, Sigurd H., assignor to Whitin Machine Works, Whitinsville, Mass. Detaching motion. 2,382,481; Aug. 14.

Hellеberg, Tore, Stockholm, and S. Malmström, Linkoping, Sweden. Device for determining the volume of gas or liquid in a receptacle. 2,378,849; June 19.

Helleberg, Tore, Stockholm, and S. Malmström, Linkoping, Sweden. Device for determining the volume of gas or liquid in receptacles. 2,381,821; Aug. 7.

Hellen, James S., Ramsey, assignor to Bendix Aviation Corporation, Teterboro, N. J. Design of bezel sealing for pressureproof cases. 2,376,593; May 22.

Heller, Alexander G., New York, and A. Heller, I. N. Blackman, and L. Cooper, executors of the estate of A. G. Heller, deceased, assignors to Insuline Corporation of America, Inc., Long Island City, N. Y. Pin jack for multiple plug-in connectors. 2,380,908; July 31.

Heller, Anne, et al., executors: *See*—
Heller, Alexander G.

Heller, David, Brooklyn, N. Y. Razor blade sharpener. 2,391,701; Dec. 25.

Heller, Douglas M.: *See*—
Bligh, N. R., Heller, and Stenning.

Heller, Eugene H., Arlington Heights, Ill. Coal truck unloading device. 2,389,779; Nov. 27.

Heller, Harold P., Palmyra, N. J., assignor to Radio Corporation of America. Solid solution of vinyl aromatic polymer and hydrogenated vinyl aromatic polymer. 2,384,619; Sept. 11.

Heller, Joseph: *See*—
Cohen, Jesse J., assignor.

Heller, Leo B., Chicago, Ill. Automobile trunk loading device. 2,391,310; Dec. 18.

Heller, Edward, Louisville, Ky. Repairing tires. 2,370,958; Mar. 6.

Hellkvist, Alf O., Vedevag, Sweden. Frictional hinge for windows or the like pivotable in horizontal or vertical direction. 2,376,965; May 29.

Hellman, Paul, assignor to Globe Products Manufacturing Company, Los Angeles, Calif. Milling attachment for lathes. 2,386,461; Oct. 9.

Hellman, Sallye, Jamaica, N. Y. Window and improved construction therefor. 2,389,509; Nov. 20.

Hellstrom, Sven B., Grosse Pointe Farms, assignor to Detroit Tap & Tool Company, Detroit, Mich. Tapping head. 2,368,359; Jan. 30.

Hellwig, Arthur P.: *See*—
Block, R. J., and Hellwig.

Hellwig, Rudolph H., Kansas City, Kans. Overload spring. 2,372,201; Mar. 27.

Helme, Thomas, Albany, N. Y. Motorcycle brake actuator. 2,387,020; Oct. 16.

Helmer, Grover H.: *See*—
Hoffman, Harry W., and Helmer.

Helmer, Raymond G., and M. G. Farnham, Milwaukee, Wis., assignors to Chr. Hansen's Laborntory, Inc., Little Falls, N. Y. Soft curd milk. 2,376,693; May 22.

Helmers, Carl J., Bartlesville, Okla., assignor to Phillips Petroleum Company. Catalytic treatment of hydrocarbons. 2,374,095; Apr. 17.

Helming, Fred W., assignor to The Bristol Company, Waterbury, Conn. Broaching apparatus. 2,387,582; Oct. 23.

Helmond, William F., Clinton, Conn., assignor to Underwood Corporation. Typewriting machine. 2,384,030; Sept. 4.

Helmore, William, Cambridge, assignor to Imperial Chemical Industries Limited, London, England. Apparatus for controlling temperature of boosted charge of internal-combustion engines. 2,372,272; Mar. 27.

Helmore, William, Kingston Hill, assignor to C. C. Wakefield & Company Limited. Beconsfield, England. Lubricating composition. 2,391,311; Dec. 18.

Helmuth, Louis W., Lakewood, assignor to The Midland Steel Products Company, Cleveland, Ohio. Vehicle structure. 2,389,907; Nov. 27.

Helsel, Reuben H., Long Island City, assignor to General Register Corporation, New York, N. Y. Ticket issuing machine. 2,383,796; Aug. 28.

Helseth, Sigurd T., and S. T. Fauver, Painesville, assignors to Industrial Rayon Corporation, Cleveland, Ohio. Gas diffusion means for liquid storage tanks. 2,380,176; July 10.

Helstrom, Frank A.: *See*—
Flygare, C. G., and Helstrom.

Heltzel, John N., Warren, Ohio. Installing joints in plastic roads. 2,371,290; Mar. 13.

Heltzel, John N., Warren, Ohio. Combination road building machine and concrete spreader. 2,380,435; July 31.

Helvern, James O., and E. L. Baugh, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich. Fuel system. 2,385,513; Sept. 25.

Helwig, Edward L., Bristol, assignor to Röhm & Haas Company, Philadelphia, Pa. Preparing thermoplastic domes. 2,367,642; Jan. 16.

Hem, Halvor O., assignor to Toledo Scale Company, Toledo, Ohio. Load indicating hydraulic jack. 2,380,362; July 10.

Hem, Halvor O., assignor to Toledo Scale Company, Toledo, Ohio. Tiltable dynamometer. 2,387,148; Oct. 16.

Hem, Halvor W., assignor to Toledo Scale Company, Toledo, Ohio. Weighing scale. 2,368,986; Feb. 6.

Hemmerling, Norma A., North Tonawanda, N. Y. Fuse handling implement. 2,379,433; July 3.

Hemming, Charles B., New Rochelle, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coating composition. 2,383,548; Aug. 28.

Hemminger, Charles E., Westfield, N. J., assignor to Standard Oil Development Company. Apparatus for regenerating contact material. 2,367,351; Jan. 16.

Hemminger, Charles E., Westfield, N. J., assignor to Standard Oil Development Company. Chemical process. 2,376,139; May 15.

Hemminger, Charles E., Westfield, N. J., assignor to Standard Oil Development Company. Catalytic conversion of hydrocarbon oils. 2,379,711; July 3.

Hemminger, Charles E., Westfield, N. J., assignor to Standard Oil Development Company. Petroleum conversion process. 2,388,055; Oct. 30.

Hemminger, Charles E., Westfield, N. J., assignor to Standard Oil Development Company. Regenerating contact material. 2,390,708; Dec. 11.

Hemphill Company: *See*—
Cloutier, Arthur N., assignor.
Fregeolle, Oscar, assignor.
Green, Isaac H. C., assignor.
Green, I. H. C., and Pierre, assignors.
Green, I. H., and St. Pierre, assignors.
St. Pierre, E., and Wawzonek, assignors.
Wawzonek, Joseph, assignor.
Wawzonek, J., and St. Pierre, assignors.

Hemphill, Isaac M., Wilmington, assignor to Shell Development Company, San Francisco, Calif. Alkylation process. 2,370,164; Feb. 27.

Hemphill, Lawrence F., Fort Wayne, Ind., assignor to General Electric Company. Control system. 2,386,683; Oct. 9.

Hemphill, Rayburn W., assignor to The Colonial Insulator Company, Akron, Ohio. Hollow form. 2,384,741; Sept. 11.

Hendershot, Lewis B., Pittsfield, Mass. Reproducing device. 2,387,021; Oct. 16.

Henderson, David, R. M. Rush, and H. C. Anderson, assignors to Dravo Corporation, Pittsburgh, Pa. Direct-fired unit heater. 2,376,140; May 15.

Henderson, Edward E.: *See*—
Schwenk, F., and Henderson.

Henderson, Edward, New York, N. Y. Hypodermic syringe unit. 2,358,323; Nov. 6.

Henderson, Frank Y.: *See*—
Oxley, T. A., and Henderson.

Henderson, James, Kinghorn, Fife, Scotland. Manufacturing laminated articles from veneer or like sheet material. 2,388,541; Nov. 6.

Henderson, James A., Empire, Oreg. Portable drill support. 2,390,709; Dec. 11.

Henderson, James R., Miami, Fla. Tobacco curing system. 2,376,873; May 29.

Henderson, John L., Warrensville, Ohio. Gate valve. 2,380,647; July 31.

Henderson, Lawrence M: *See*—
Ayers, G. W., and Henderson.
Ayers, G. W., Jr., and Henderson.

Henderson, Lloyd F., Reading, Mass., assignor to Lever Brothers Company. Preserving soap and resulting product. 2,371,623; Mar. 20.

Hendley, James A., assignor to The Russell Manufacturing Company, Middletown, Conn. Electrically heated fabric. 2,379,580; July 3.

Hendrick, Fred V., Princeville, Ill. Agricultural vehicle seat 2,376,484; May 22.

Hendricks, A. C., et al.: *See*—
Blalock, Henry H., assignor.

Hendricks, James O., White Bear Lake, assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Dispersions or adhesives of the oil-in-water type. 2,382,417; Aug. 14.

Hendricks, Nathan V., Adrian, Mich. Adjustable support. 2,388,056; Oct. 30.

Hendrickson, Jay D., assignor to Columbia River Packers Association, Inc., Astoria, Oreg. Rotary fish skinner. 2,380,755; July 31.

Hendrie, George S., Grosse Pointe Farms, assignor to Detroit Macoid Corporation, Detroit, Mich. Plastic conduit. 2,367,643; Jan. 16.

Hendry, Norman, A., Portland, Mich. Method and apparatus for repairing radio tubes, lamps, and the like. 2,371,327; Mar. 13.

Hendy, Jashua, Iron Works: *See*—
King, Donald R., assignor.

Hene, Emil, London, W. 11, England. Cracking of heavy oil vapors. 2,371,992; Mar. 20.

Henke, Clyde O., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydroxy acid derivatives of camphene. 2,382,313; Aug. 14.

Henke, Clyde O., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Sulphonyl compounds and processes for their production. 2,390,253; Dec. 4.

Henkel, Erich: *See*—
Williams, A., and Henkel.

Henkle, William A., Chicago, Ill. Milling cutter unit and assembly. 2,390,254; Dec. 4.

Henley's, W. T., Telegraph Works Company Limited.: *See*—
Dunsheath, Percy, assignor.
Griffiths, Francis T., assignor.

Henn, Richard W., and J. I. Crabtree, assignors to Eastman Kodak Company, Rochester, N. Y. Fine grain developers. 2,376,141; May 15.

Henne, Albert L., Columbus, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Fluoroacetic acids. 2,371,757; Mar. 20.

Hennessey, Russell J.: *See*—
Guyer, R., and Hennessey.

Hennessy, James J., Montclair, N. J. Locomotive driver liner structure. 2,377,418; June 5.

Hennessy, James J., Montclair, N. J. Journal lubricator distributor. 2,378,407; June 19.

Hennessy, James J., Montclair, N. J. Pump valve structure. 2,386,794; Oct. 16.

Hennessy, James J., Montclair, N. J. Journal lubricator structure. 2,390,367; Dec. 4.

Hennessy, John F., assignor to Geo. D. Roper Corporation, Rockford, Ill. Gas range. 2,369,825; Feb. 20.

Hennessy, John F., assignor to Geo. D. Roper Corporation, Rockford, Ill. Barbecuing attachment for domestic cooking ranges. 2,391,571; Dec. 25.

Henneuse, Richard F., Marion, Ohio. Scraper. 2,374,016; Apr. 17.

Henney Motor Company: *See*—
Cox, Donald H., assignor.
Schofield, E. L., assignor.
Schofield, E. L., and Jacobs, assignors.

Henningsen, Carsten L., Fresno, Calif. Electric razor. 2,387,756; Oct. 30.

Henningsen, Edgar R., Hanna, Wyo. Lock nut. 2,373,473; Apr. 10.

Hennion, George F., South Bend, Ind., and N. F. Toussaint, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Alkylating aromatic compounds. 2,390,835; Dec. 11.

Hennion, George F., South Bend, Ind., and N. F. Toussaint, Louisville, Ky., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Alkylating aromatic compounds. 2,390,836; Dec. 11.

Henricksen, Bjarne, Hudson County, N. J., assignor to Sedgwick Machine Works, Inc., Poughkeepsie, N. Y. Conveyer. 2,390,302; Dec. 4.

Henricot, Jacques F., Court-St-Etienne, Belgium; vested in the Alien Property Custodian. Lining for tube mills or crushing mills containing balls or similar crushing bodies. 2,367,464; Jan. 16.

Henroteau, François C. P., Ottawa, Ontario, Canada. Method and apparatus for frequency changing. 2,367,277; Jan. 16.

Henry, Albert R., Salina, Kans. Loading device. 2,379,523; July 3.

Henry, Albert R., Salina, Kans. Bucket shock absorber for loading devices. 2,385,987; Oct. 2.

Henry, Donald E., Cedar Grove, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Gaseous conduction discharge device. 2,367,579; Jan. 16.

Henry, Donald E., Cedar Grove, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Photoelectric device. 2,374,287; Apr. 24.

Henry, Erwin W., Arapahoe County, Colo. Speed reduction gear. 2,382,482; Aug. 14.

Henry, George D., Kansas City, Mo. Saw. 2,375,651; May 8.

Henry, Otto H., et al.: *See*—
Globus, Alfred R., assignor.

Henry Pratt Company: *See*—
Smith, William S., assignor.

Henry, Ralph W., Manor Township, Lancaster County, assignor to Hamilton Watch Company, Lancaster, Pa. Producing stepped wire. 2,379,801; July 3.

Henry, Robert J., Hanover, Pa., assignor of one-half to L. Goldstein, Roxbury, Mass. Airplane fuel tank draining and transferring device. 2,376,874; May 29.

Henry, Robert J., assignor of fifty per cent to C. L. Gibbons, Malden, Mo. Pool table attachment. 2,380,756; July 31.

Henry, Wesley C., Burbank, and Allen B. Maxam, Glendale, Calif. Collet chuck. 2,387,511; Oct. 23.

Henschel, Chester J., New York, N. Y. Dental engine accessory equipment. 2,390,710; Dec. 11.

Henschel, Leopold O.: *See*—
Trostler, F., Skelton, and Henschel.

Henschker, Erhard R., Parkstone, assignor to The Loewy Engineering Company Limited, London, England. Clutch. 2,368,987; Feb. 6.

Hensel, Franz R., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Electric contact. 2,371,239; Mar. 13.

Hensel, Franz R., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Gold base brazing solder. 2,374,995; May 1.

Hensel, Franz R., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Silver-thallium bearing. 2,375,224; May 8.

Hensel, Franz R., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Metallic compositions containing bismuth. 2,379,232; June 26.

Hensel, Franz R., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Bearing. 2,379,434; July 3.

Hensel, Franz R., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Bearing and the like. 2,379,435; July 3.

Hensel, Franz R., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Contacting element. 2,387,903; Oct. 30.

Hensel, Franz R., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Spark plug and electrode therefor. 2,391,455; Dec. 25.

Hensel, Franz R., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Spark plug electrode. 2,391,456; Dec. 25.

Hensel, Franz R., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Spark gap electrode. 2,391,458; Dec. 25.

Hensel, Franz R., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Spark plug and electrode therefor. 2,391,459; Dec. 25.

Hensel, Franz R., and E. I. Larsen, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Refractory metal composition. 2,370,242; Feb. 27.

Hensel, Franz R., K. L. Emmert, and J. W. Wiggs, assignors to P. R. Mallory & Co., Inc., Indanapolis, Ind. Electric contact. 2,371,240; Mar. 13.

Hensel, Franz R., and E. I. Larsen, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Bearing. 2,372,202; Mar. 27.

Hensel, Franz R., and E. I. Larsen, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Sintered metal articles and making. 2,372,203; Mar. 27.

Hensel, Franz R., and E. I. Larsen, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Bearing. 2,377,882; June 12.

Hensel, Franz R., and E. I. Larsen, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Antifriction alloy. 2,381,497; Aug. 7.

Hensel, Walter C., assignor to Universal Oil Products Company, Chicago, Ill. Wall construction for heaters. 2,389,622; Nov. 27.

Henshaw, Richard C., assignor to Lord Manufacturing Company, Erie, Pa. Resilient mounting. 2,385,759; Sept. 25.

Henshaw, Thomas A., Gatley, England. Automatic sprinkler head for fire extinguishers. 2,370,243; Feb. 27.

Hensley, Floyd F.: *See*—
Matthews, R. E., and Hensley.

Henson, Granville I., Dallas, Tex. Chuck sleeve gear guard and drill bit holding jaw guard combined. 2,376,432; May 22.

Hentrich, Winfrid, Rodleben, near Dessau-Rosslau, and E. Schirm and H. Engelbrecht, Dessau, Germany; vested in the Alien Property Custodian. Preparing capillary active substances. 2,374,934; May 1.

Hentrich, Winfrid, Dessau-Rosslau, and W. Gündel, Dessau, Germany; vested in the Alien Property Custodian. Producing condensation products. 2,378,551; June 19.

Hentrich, Winfrid, Rodleben, near Dessau-Rosslau, Anhalt, W. Kaiser, Dessau, Anhalt, and R. Endres, Dessau-Roselau, Anhalt, Germany; vested in the Alien Property Custodian. Dissolving, softening, gelatinizing, and swelling agents. 2,382,714; Aug. 14.

Hentrich, Winfrid, Dessau-Rosslau, H.-J. Engelbrecht and E. Schirm, Dessau, Germany; vested in the Alien Property Custodian. Capillary active agents. 2,383,859; Aug. 28.

Hepp, Harold J.: *See*—
Frey, F. E., and Hepp.
Welling, C. E., and Hepp.

Hepp, Harold J., Bartlesville, Okla., assignor to Phillips Petroleum Company. Refining aromatic oils. 2,387,993; Oct. 30.

Hepp, Harold J., Bartlesville, Okla., assignor to Phillips Petroleum Company. Manufacture of diolefins. 2,391,158; Dec. 18.
Hepperle, Erwin: *See*—
Lippert, H., and Hepperle.
Heppner, Fritz A. M., Leamington Spa, England, assignor to Armstrong Siddeley Motors Limited, Coventry, England. Bladed rotor. 2,391,623; Dec. 25.
Herb, Otto J., assignor to Diagraph-Bradley Stencil Machine Corporation, St. Louis, Mo. Fountain brush. 2,382,314; Aug. 14.
Herbener, Henry M.: *See*—
Drake, Jerry H., assignor.
Herbert, Alfred, Limited: *See*—
Lloyd, Arthur H., assignor.
Herbert, Charles C., San Jose, Calif. Trommel. 2,375,552; May 8.
Herbert, Elmer H., assignor to Oliver United Felters Incorporated, Oakland, Calif. Diaphragm pump. 2,383,193; Aug. 21.
Herbert, Lionel, Washington, D. C. Portable leg and foot rest. 2,375,225; May 8.
Herbits, William, et al.: *See*—
Mendes, John C., assignor.
Herbline, Célestin L., Paris, France; vested in the Alien Property Custodian. Apparatus for producing smoke. 2,369,568; Feb. 13.
Herbrick, Milton B., Sterling, Colo. Cleaning device. 2,367,774; Jan. 23.
Herbster, George, Cleveland, Ohio. Air diffusing and ventilating unit. 2,378,012; June 12.
Hercik, Lad L., Lakewood, assignor to The Hill Acme Company, Cleveland, Ohio. Alligator shear. 2,370,311; Feb. 27.
Hercik, Lad L., Lakewood, assignor to The Hill Acme Company, Cleveland, Ohio. Portable crane. 2,382,054; Aug. 14.
Hercules Powder Company: *See*—
Alexander, Harvey B., assignor.
Anderson, Gilbert R., assignor.
Audrieth, Ludwig F., assignor.
Babcock, Leon W., assignor.
Borglin, Joseph N., assignor.
Bouchard, Frederick J., assignor.
Bried, Edward A., assignor.
Cairns, R. W., and Stern, assignors.
Campbell, William P., assignor.
Carson, William F., Jr., assignor.
Chappell, Fred L., Jr., assignor.
Clare, Irwin C., assignor.
Cox, Richard F. B., assignor.
Darling, Robert B., assignor.
Drew, John, assignor.
Ely, A. R., and Smith, assignors.
Erickson, Ewald, assignor.
Gardner, Frank H., assignor.
Gloor, Walter E., assignor.
Hanley, Edward J., assignor.
Hogg, George F., assignor.
Johnston, Alan C., assignor.
Johnson, John B., assignor.
Kirkpatrick, William J., assignor.
Koch, William W., assignor.
Lamborn, Bayard T., assignor.
Lawrence, Robert W., assignor.
Lister, Donald A., assignor.
Little, Julius G., assignor.
Maguire, Milton J., assignor.
Martin, Robert W., assignor.
Mayfield, Evart E., assignor.
Miller, Abraham B., assignor.
Miller, J. S., and Present, assignors.
Moore, Malcolm C., assignor.
Mosher, Paul R., assignor.
Norman, G. M., and Stuart, assignors.
Oatman, William F., assignor.
Osborn, Robert H., assignor.
Osterhof, Arthur L., assignor.
Ott, Emil, assignor.
Piech, Frank E., assignor.
Pragoff, Emile, Jr., assignor.
Ray, Philip A., assignor.
Rummelsburg, Alfred L., assignor.
Sanford, Arthur H., assignor.
Schlaanstine, Raymond F., assignor.
Scrutchfield, Paul H., assignor.
Shapleigh, James H., assignor.
Sheffield, Donald H., assignor.
Spaulding, Edwin B., assignor.
Speicher, John K., assignor.
Spiller, George, assignor.
Spurlin, Harold M., assignor.
Steiner, John E., assignor.
Stern, Raphael L., assignor.
Stevenson, William H., assignor.
Thompson, Friar M., Jr., assignor.
Tinsley, John S., assignor.
Tomkinson, Henry L., assignor.
Traylor, Waldorf S., assignor.
Troxler, Bernhart, assignor.
Underwood, George J., assignor.
Ware, Harris O., assignor.
Wendt, Edward J., assignor.

Herdeck, Elmer, Elmhurst, Ill. Pantograph for mechanical stencil duplication. 2,368,925; Feb. 6.
Heritage, Clark C., assignor to Wood Conversion Company, Cloquet, Minn. Manufacture of rubber treated fiber. 2,375,414; May 8.
Herkenhoff, Earl C.: *See*—
Booth, R. B., and Herkenhoff.
Herkenhoff, Earl C., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Flotation of iron ores. 2,387,081; Oct. 16.
Herkenhoff, Earl C., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Flotation of iron ores. 2,389,727; Nov. 27.
Herkert, Leo M.: *See*—
Korevec, Edward A., assignor.
Herkert, Louis, Boulogne-sur-Seine, France; vested in the Alien Property Custodian. Tubular remote-control device. 2,372,204; Mar. 27.
Herlocker, Robert D., Hammond, M. P. Kleinholz, East Chicago, Ind., and F. M. Watkins, Chicago, Ill., assignors to Sinclair Refining Company, New York, N. Y. Lubricant. 2,368,022; Jan. 23.
Herlocker, Robert D., Hammond, M. P. Kleinholz, East Chicago, Ind., and F. M. Watkins, Chicago, Ill., assignors to Sinclair Refining Company, New York, N. Y. Lubricant. 2,368,023; Jan. 23.
Herlocker, Robert D., Hammond, M. P. Kleinholz, East Chicago, Ind., and F. M. Watkins, Chicago, Ill., assignors to Sinclair Refining Company, New York, N. Y. Lubricant. 2,388,057; Oct. 30.
Herlocker, Robert D., Hammond, M. P. Kleinholz, East Chicago, Ind., and F. M. Watkins, Chicago, Ill., assignors to Sinclair Refining Company, New York, N. Y. Lubricant. 2,388,058; Oct. 30.
Herlocker, Robert D., Hammond, M. P. Kleinholz, East Chicago, Ind., and F. M. Watkins, Chicago, Ill., assignors to Sinclair Refining Company, New York, N. Y. Lubricant. 2,388,059; Oct. 30.
Herman, Harold M., Chicago, Ill. Paper dispenser. 2,372,421; Mar. 27.
Herman, Jack, Oklahoma City, Okla. Self-releasing hoisting hook. 2,370,312; Feb. 27.
Herman, John: *See*—
Drake, L. C., Herman, and Scafe.
Herman, Joseph, and J. Feuer, Brooklyn, N. Y. Cloth holder for cutting tables. 2,372,779; Apr. 3.
Herman, Kenneth R.: *See*—
Vickers, H. F., and Herman.
Herman Plaut Company: *See*—
Heineman, Frances, assignor.
Hermandorfer, Arthur W.: *See*—
Harvey, J. F., and Hermandorfer.
Hermani, Louis, Baltimore, Md., assignor, by mesne assignments, to Continental Can Company, Inc., New York, N. Y. Article conveying and uprighting apparatus. 2,371,888; Mar. 20.
Hermann, Arthur, assignor to Taylor Instrument Companies, Rochester, N. Y. Apparatus for bumping platen presses. 2,381,125; Aug. 7.
Hermann, Clarence C.: *See*—
Schneible, C. B., and Hermann.
Hermann, Siegwart, New York, N. Y. X-ray contrast composition. 2,368,833; Feb. 6.
Hermann, Siegwart, and M. H. Hahn, New York, N. Y., and H. H. Dorer, New Brunswick, assignors to Verona Chemical Company, Newark, N. J. Granular bouillon. 2,376,485; May 22.
Hermann, Siegwart, and M. H. Hahn, New York, N. Y., and H. H. Dorer, New Brunswick, assignors to Verona Chemical Company, Newark, N. J. Granular bouillon. 2,376,486; May 22.
Hermansen, Evald, assignor to Bendix Aviation Corporation, Detroit, Mich. Fluid seal. 2,391,159; Dec. 18.
Hermanson, Henning S., Chicago, Ill., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Fluid pressure motor. 2,372,273; Mar. 27.
Hermanson, William A., Brookline, Mass. Filter. 2,386,684; Oct. 9.
Hermitte, Louis A., La Courneuve, France; vested in the Alien Property Custodian. Gas turbine motor plant. 2,371,889; Mar. 20.
Herne, Howard J. L., London, England, assignor to The Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Electron discharge tube. 2,380,757; July 31.
Hernon, Lon, Chicago, Ill. Combination comb and brush. 2,383,967; Sept. 4.
Herold, Edward W., Kingston, N. J., assignor to Radio Corporation of America. Ultra high frequency vacuum tube circuit. 2,373,184; Apr. 10.
Herold, James L., St. Louis, and F. W. Wehmiller, Ladue, assignors to Barry-Wehmiller Machinery Company, St. Louis, Mo. Clutch device. 2,371,993; Mar. 20.
Herold, John F.: *See*—
Butler, D. E., Herold, and Zacher.
Herold, Paul, and H. Kaufmann, Leuna, and A. Woerner, Mannheim, Germany; vested in the Alien Property Custodian. Manufacture of hydrocarbons. 2,371,890; Mar. 20.
Herold, Walter F., Easton, assignor to The Bassick Company, Bridgeport, Conn. Posture chair. 2,374,350; Apr. 24.

Herold, Walter F., Easton, Conn., assignor to The Bassick Company, Bridgeport, Conn. Wheel mounting. 2,377,232; May 29.
Herr, Donald S.: *See*—
Myers, R. J., and Herr.
Herrera, Juan H., Habana, Cuba. Steam generator for heaters and infusion strainers. 2,371,328; Mar. 13.
Herreshoff, Alexander G.: *See*—
Woolsen, H. T., Herreshoff, Hicks, Parker, and Wyatt.
Herreshoff, Alexander G., Grosse Pointe, and J. P. Butterfield, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Coupling. 2,381,745; Aug. 7.
Herrick, Roswell H., Oak Park, Ill., assignor to Automatic Electric Laboratories, Inc. Telephone substation circuit. 2,369,144; Feb. 13.
Herrick, Roswell H., Oak Park, Ill., assignor to Automatic Electric Laboratories, Inc. Telephone substation circuit. 2,369,351; Feb. 13.
Herrick, Roswell H., Oak Park, Ill., assignor to Automatic Electric Laboratories, Inc. Telephone system. 2,369,352; Feb. 13.
Herrick, Roswell H., Oak Park, Ill., assignor to Automatic Electric Laboratories, Inc. Transmission system. 2,369,460; Feb. 13.
Herrick, Roswell H., Oak Park, Ill., assignor to Automatic Electric Laboratories, Inc. Transmission system. 2,371,291; Mar. 13.
Herrick, Roswell H., Oak Park, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Communication system. 2,383,312; Aug. 21.
Herrick, Roswell H., Oak Park, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Communication system. 2,384,913; Sept. 18.
Herrick, Roswell H., Oak Park, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Intercommunication system. 2,385,515; Sept. 25.
Herrick, Roswell H., Oak Park, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,389,666; Nov. 27.
Herrick, Walter W., Milford, N. J., assignor to Riegel Paper Corporation, New York, N. Y. Coating paper. 2,375,360; May 8.
Herrick, William W., assignor of twenty-five per cent to P. W. Whittlesey, Stamford, and twenty-five per cent to B. Blair, Darien, Conn. Anodizing method. 2,370,463; Feb. 27.
Herring, W. M., et al.: *See*—
Flook, Cyril M., assignor.
Herring, William W., Oklahoma City, Okla. Concrete wall form. 2,387,445; Oct. 23.
Herrmann, Max, Chicago, Ill. Toy. 2,386,853; Oct. 16.
Herron, Joseph E., Philadelphia, Pa. Engine piston. 2,384,305; Sept. 4.
Herron, Ollie L., Chicago, Ill. Venetian blind. 2,379,353; June 26.
Herron, Wingo, Augusta, Ga. Holdup for lug straps. 2,388,146; Oct. 30.
Herrstrom, Hjalmar Q., Rock Island, Ill., assignor to International Harvester Company. Harvester reel. 2,387,069; Oct. 16.
Herscovici, Lillian, Outremont, Quebec, Canada. Garment. 2,375,845; May 15.
Hersey, Arthur J., and C. L. Madden, Minneapolis, Minn. Car wheel. 2,366,259; Jan. 2.
Hersey, Ralph E., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,384,620; Sept. 11.
Hertel, Heinrich, Roatock, Germany; vested in the Alien Property Custodian. Ammunition container for aircraft. 2,382,715; Aug. 14.
Herter, Edward J., Jr.: *See*—
Kisch, L. A., and Herter.
Herthel, Eugene C., Flossmoor, Ill., assignor to Sinclair Refining Company, New York, N. Y. Process. 2,374,996; May 1.
Hertrich, Joseph, assignor to The Western States Machine Company, Hamilton, Ohio. Centrifugal machine and driving system therefor. 2,380,595; July 31.
Hertrich, Joseph, assignor to The Western States Machine Company, Hamilton, Ohio. Torque control hydraulic clutch or coupling. 2,380,596; July 31.
Hertz, Irving, et al.: *See*—
Young, Edgar C., assignor.
Hertz, Jørgen, Copenhagen, Denmark; vested in the Alien Property Custodian. Dishwashing machine, primarily for household use. 2,372,205; Mar. 27.
Hertz, Roy, and W. H. Sebrell, Bethesda, Md., assignors to the Government of the United States, as represented by the Administrator of the Federal Security Agency. Producing biotin inactivating material. 2,370,662; Mar. 6.
Hervert, George L., assignor to Universal Oil Products Company, Chicago, Ill. Stirring and mixing device. 2,377,937; June 12.
Hervey, Chilion L., Washington, D. C. Mobile gun emplacement. 2,389,623; Nov. 27.
Herz, Cornelius M.: *See*—
Irwin, R. W., and Herz.
Herz, Cornelius M., assignor to Irwin Machinery Company, Grand Rapids, Mich. Board feed for woodworking machines. 2,387,446; Oct. 23.

Herzegh, Frank, Shaker Heights, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Bead locking ring. 2,390,303; Dec. 4.
Herzmark, Nicolas, New York, N. Y. Compressor. 2,382,716; Aug. 14.
Herzmark, Nicolas, New York, N. Y. Cooling system. 2,382,717; Aug. 14.
Herzog, Carl, Belleville, N. J. Stem machine chuck. 2,366,786; Jan. 9.
Herzog, Carl, Belleville, N. J. Rotary oven. 2,379,485; July 3.
Herzog, Carl, Belleville, N. J. Producing electronic devices. 2,391,572; Dec. 25.
Herzog, Carl, Belleville, N. J. Method of and apparatus for making cold cathode fluorescent lamps or the like. 2,391,573; Dec. 25.
Herzog, Gerhard: *See*—
Wolf, A., and Herzog.
Herzog, Gerhard, Houston, Tex., assignor to The Texas Company, New York, N. Y. Method and apparatus for logging boreholes. 2,378,408; June 19.
Herzog, Gerhard, Houston, Tex., assignor to The Texas Company, New York, N. Y. Cushioning device for radiation detectors. 2,385,857; Oct. 2.
Herzmark, Nicolas, Indianapolis, Ind. Regenerating exhaled air. 2,389,309; Nov. 20.
Hess, Aaron, Lake Como, N. J. Segregating pocket. 2,375,652; May 8.
Hess, Arthur L., Cincinnati, Ohio, assignor to Ditto, Incorporated, Chicago, Ill. Sheet handling method. 2,389,854; Nov. 27.
Hess, Charles, Yonkers, assignor to S & S Corrugated Paper Machinery Co., Inc., Brooklyn, N. Y. Taping machine. 2,372,780; Apr. 3.
Hess, Frederic O., Philadelphia, Pa., assignor to Selas Corporation of America. Method of and apparatus for heating. 2,367,119; Jan. 9.
Hess, Frederic O., Germantown, assignor to Selas Corporation of America, Philadelphia, Pa. Airplane heater. 2,383,650; Aug. 28.
Hess, Frederic O., Germantown, Pa., assignor to Selas Corporation of America. Heater. 2,386,746; Oct. 9.
Hess, Frederic O., Germantown, Pa., assignor to Selas Corporation of America. Heater. 2,386,462; Oct. 9.
Hess, Frederic O., Germantown, Pa., assignor to Selas Corporation of America. Aircraft heating means. 2,387,583; Oct. 23.
Hess, Frederic O., Germantown, Pa., assignor to Selas Corporation of America. Forming vitreous coatings. 2,388,611; Nov. 6.
Hess, Frederic O., Germantown, Pa., assignor to Selas Corporation of America. Airplane heating means. 2,390,255; Dec. 4.
Hess, Frederic O., Germantown, and R. E. B. Wakefield, Aldan, Pa., assignors to Selas Corporation of America. Heater. 2,387,022; Oct. 16.
Hess, Frederic O., Germantown, and R. E. B. Wakefield, Aldan, Pa., assignors to Selas Corporation of America. Airplane heating system. 2,388,969; Nov. 13.
Hess, Frederic O., Germantown, Pa., and C. P. Mann, Riverton, N. J., assignors to Selas Corporation of America. Airplane heating means. 2,388,970; Nov. 13.
Hess, George M., Altoona, Pa. Mechanical toy. 2,388,483; Nov. 6.
Hess, Joseph W.: *See*—
Korn, A., Hess, and Ruskin.
Hess, Louis F., assignor to Twentieth Century-Fox Film Corporation, Los Angeles, Calif. Air inlet. 2,389,310; Nov. 20.
Hess, Reiza J., Park Ridge, Ill., assignor, by mesne assignments, to American Steel Foundries. Equalizing hydraulic ram travel. 2,377,007; May 29.
Hess, T. Melville: *See*—
Hanawalt, J. D., and Hess.
Hess, Willard C., Wyoming, and S. Glueck, Cincinnati, Ohio. Vehicle frame. 2,370,726; Mar. 6.
Hess, Willis C., assignor to Trico Products Corporation, Buffalo, N. Y. Valve. 2,380,597; July 31.
Hesse, William, Brooklyn, N. Y. Flame expander for fuel oil burners. 2,368,301; Jan. 30.
Hessel, Frederick A., Montclair, and J. B. Rust, Verona, N. J., assignors to Ellis-Foster Company. Rendering wool nonfelting. 2,382,632; Aug. 14.
Hesselberth, Wilfred M.: *See*—
George, R. H., and Hesselberth.
Hesselman, Edward F., Wahroonga, near Sydney, New South Wales, Australia, assignor to Hartford National Bank and Trust Company, as trustee. Mechanism for forming tubular rivets. 2,386,550; Oct. 9.
Hessels, Johan H. E., Klein Soengei-Karang, Galang, Sumatra, Netherlands East Indies; vested in the Alien Property Custodian. Improving the properties of rubber latex. 2,367,120; Jan. 9.
Hessey, Frederic E., Manoa, assignor to The Brown Instrument Company, Philadelphia, Pa. Adjustable resistance. 2,368,710; Feb. 6.
Hesson, Robert B.: *See*—
Hedberg, C. W. J., and Hesson.
Hester, James A., Sr., Windsor, Ontario, Canada. Humidifying apparatus. 2,366,906; Jan. 9.
Hester, William F.: *See*—
Craig, W. E., and Hester.

Hester, William F., Drexel Hill, and W. E. Craig, assignors to Röhm & Haas Company, Philadelphia, Pa. Esters of halonitrophenols. 2,384,306; Sept. 4.

Heth, Sherman C.: *See*—
Krause, N. R., and Heth.

Heth, Sherman C., assignor to J. I. Case Company, Racine, Wis. Header construction for harvesting machines. 2,388,147; Oct. 30.

Hetherington, Harry C., Charleston, W. Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Taste and odor removal from organic compounds. 2,388,148; Oct. 30.

Hetherington, Robert, Sharon Hill, Pa., assignor to Robert Hetherington & Son, Inc., Wilmington, Del. Single throw hill and valley switch. 2,386,162; Oct. 2.

Hetherington, Robert, Sharon Hill, Pa., assignor to Robert Hetherington & Son, Inc., Wilmington, Del. Heat coil operated thermal switch. 2,387,904; Oct. 30.

Hetherington, Robert, & Son, Inc.: *See*—
Hetherington, Robert, assignor.

Hetzler, Chalmer D., Dayton, Ohio. Coupling device. 2,378,297; June 12.

Heuberger, Josef, assignor to Aktiebolaget Hammarby-lampan, Stockholm, Sweden. Manufacture of graphite molds and the like. 2,370,350; Feb. 27.

Heuer, Ernest, Vallejo, Calif. Stud bolt retractor and drive. 2,391,624; Dec. 25.

Heuser, Herman, deceased, Evanston, Ill.; I. B. Heuser, administratrix. Animal food and preparing the same. 2,377,008; May 29.

Heuser, Irene B., administratrix: *See*—
Heuser, Herman.

Heusted, George B.: *See*—
Dreisbach, R. R., and Heusted.

Heuver, Herbert M., Dayton, Ohio. Apparatus for determining pressure distribution on airfoils and the like. 2,390,534; Dec. 11.

Hewes, Ralph W., assignor to General Railway Signal Company, Rochester, N. Y. Oscillating code transmitter. 2,388,484; Nov. 6.

Hewett, John B.: *See*—
Serre, M., Hewett, and Schaefer.

Hewett, Philip S.: *See*—
Hodgins, T. S., and Hewett.

Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid drive for compressors. 2,372,326; Mar. 27.

Hewitt, Ellis E., Edgewood, assignor to Westinghouse Air Brake Company, Wilmerding, Pa. Compressor throttling apparatus. 2,383,250; Aug. 21.

Hewitt, Ellis E., Edgewood, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Compressor head and governor assembly. 2,383,251; Aug. 21.

Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Control apparatus. 2,388,357; Nov. 6.

Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake valve device. 2,389,048; Nov. 13.

Hewitt, Elmer S., Wilmette, Ill. Electric drier. 2,375,920; May 15.

Hewitt, Ernest W.: *See*—
Dirkes, R. F., Long, Melick, and Hewitt.

Hewitt, Norman E., Sunbury-on-Thames, England. Mechanism for transmitting linear or rotary movement. 2,384,742; Sept. 11.

Hewitt, William C.: *See*—
Boatright, R. G., Jr., and Hewitt.

Hewlett, Allen M., Haina, Hamakua, Hawaii. Sugar-cane feeder. 2,367,278; Jan. 16.

Hewlett, Allen M., Haina, Hamakua, Territory of Hawaii. Automatic diverter for sugar contaminated condensates. 2,376,694; May 22.

Hewlett, Amiot P., Summit, and G. E. Phillips, Cranford, N. J., assignors to Standard Oil Development Company. Refining petroleum oils. 2,391,091; Dec. 18.

Hewlett, Ray E.: *See*—
Wallace, D. A., Hewlett, and Wilbur.

Hexter, Paul L., assignor to The Arco Company, Cleveland, Ohio. Paint dispensing apparatus. 2,374,430; Apr. 24.

Heyd, Josef W.: *See*—
Emerson, W. S., and Heyd.

Heyden Chemical Corporation: *See*—
Barth, R. H., and Burrell, assignors.
Bowman, P. I., and Burrell, assignors.
Burrell, H., and Bowman, assignors.
Dougherty, G., and Barth, assignors.
Remensnyder, John P., assignor.

Heyer, Benjamin F. W., Tenafly, N. J. Battery charging thermostat. 2,376,056; May 15.

Heyer, Benjamin F. W., Tenafly, C. W. Dalzell, West Caldwell, and J. W. Horton, East Orange, N. J. Fast charger. 2,369,826; Feb. 20.

Heyer Corporation, The: *See*—
De Cardy, Otto, assignor.

Heyer, Don, Los Angeles, Calif. Chamfering tool. 2,373,474; Apr. 10.

Heyer, Don, Inglewood, Calif. Automatic power transmission. 2,377,009; May 29.

Heyer, Frederic K., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Combination padlock. 2,378,768; June 19.

Heyer, Frederic K., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Luggage lock. 2,388,227; Oct. 30.

Heygel, Paul R., Asheville, N. C., assignor to Ecusta Paper Corporation. Indicating device. 2,370,165; Feb. 27.

Heyman, Herman, Brooklyn, N. Y. Gauge. 2,372,493; Mar. 27.

Heyman, Irene K.: *See*—
Heyman, Moses D., assignor.

Heyman, Moses D., assignor of one-half to I. K. Heyman, Cedarhurst, N. Y. Feeding device. 2,385,988; Oct. 2.

Heyman, Sam, assignor to Aerovox Corporation, New Bedford, Mass. Temperature compensated capacitor and reactance. 2,383,480; Aug. 28.

Heymann, Karl, Meadville, Pa., assignor to American Viscose Corporation, Wilmington, Del. Yarnlike structure. 2,369,395; Feb. 13.

Heymann, Seymour E., assignor to Stewart-Warner Corporation, Chicago, Ill. Heating system. 2,370,035; Feb. 20.

Heymann, Seymour E., assignor to Stewart-Warner Corporation, Chicago, Ill. Hollow fin heat exchanger. 2,385,080; Sept. 18.

Heymann, Seymour E., Hollywood, Calif., assignor to Stewart-Warner Corporation, Chicago, Ill. Aircraft heating apparatus. 2,381,591; Aug. 7.

Heynisch, Paul, Zug, Switzerland, assignor to Landis & Gyr, A. G. Maximum demand metering device. 2,382,009; Aug. 14.

Heywood, Basil J., A. H. Knight, and M. Lapworth, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Monoazo dyestuffs. 2,370,537; Feb. 27.

Heywood, Vincent E., Worcester, and W. M. Cary, South Hadley, assignors to United States Envelope Company, Springfield, Mass. Dispensing container. 2,371,521; Mar. 13.

Heywood, Vincent E., and D. A. McRae, Worcester, assignors to United States Envelope Company, Springfield, Mass. Inking device for aniline color printing. 2,374,096; Apr. 17.

Hiatt, Gerald H.: *See*—
Ringle, C. J., Hiatt, and Smith.

Hibbard, Lloyd J.: *See*—
Baston, C. E., and Hibbard.

Hibbard, Lloyd J., Forest Hills, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control system. 2,387,262; Oct. 23.

Hibbard, Thomas L.: *See*—
Galamb, J., and Hibbard.

Hibner, De Los E.: *See*—
Arey, F. C., and Hibner.

Hibner, De Los E., and F. C. Arey, Du Bois, Pa., assignors to Vulcan Soot Blower Corporation. Pendulum type soot blower. 2,368,612; Jan. 30.

Hibshman, Henry J., Plainfield, and W. T. Knox, Jr., Elizabeth, N. J., assignors to Standard Oil Development Company. Recovery and regeneration of normal butenes from a sulphuric acid solution thereof. 2,388,971; Nov. 13.

Hickemlooper, Walter S., Long Beach, Calif. Lifting device. 2,382,718; Aug. 14.

Hickey, James, Portland, Oreg. Parking indicator. 2,389,908; Nov. 27.

Hickey, John J., Arlington, N. J. Machine for playing card games. 2,383,860; Aug. 28.

Hickey, Morris M., Appleton, Wis. Building foundation digger. 2,384,466; Sept. 11.

Hickey, Richard J.: *See*—
Fulmer, E. I., Underkofler, and Hickey.

Hickey, Robert B., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Production of resilient filaments and fibers. 2,373,892; Apr. 17.

Hickey, Rowena, C., assignor of one-half to L. Donarico, Omaha, Nebr. Drying composition for nail polish. 2,366,260; Jan. 2.

Hickman, Albert F., assignor to Hickman Pneumatic Seat Co., Inc., Eden, N. Y. Floating chair type seat. 2,366,730; Jan. 9.

Hickman, Albert F., assignor to Hickman Pneumatic Seat Co. Inc., Eden, N. Y. Spring suspension for railroad cars. 2,371,169; Mar. 13.

Hickman, Albert F., assignor to Hickman Pneumatic Seat Co. Inc., Eden, N. Y. Spring suspension for railroad car bodies. 2,377,883; June 12.

Hickman, Albert F., assignor to Hickman Pneumatic Seat Co. Inc., Eden, N. Y. Spring suspension for railroad cars. 2,386,795; Oct. 16.

Hickman, Kenneth C. D., assignor to Distillation Products, Inc., Rochester, N. Y. Vacuum distillation apparatus. 2,370,464; Feb. 27.

Hickman, Kenneth C. D., assignor to Distillation Products, Inc., Rochester, N. Y. High vacuum pumps and self-pumping stills. 2,379,151; June 26.

Hickman, Kenneth C. D., assignor to Distillation Products, Inc., Rochester, N. Y. Vacuum production and apparatus therefor. 2,379,152; June 26.

Hickman, Kenneth C. D., and G. A. Kuipers, assignors to Distillation Products, Inc., Rochester, N. Y. Method and apparatus for producing vacuums. 2,379,436; July 3.

Hickman Pneumatic Seat Co. Inc.: *See*—
Hickman, Albert F., assignor.

Hickok, Robert D., assignor to Cleveland Patents, Incorporated, Cleveland, Ohio. Electric meter. Re. 22,623; Mar. 27.

Hickok, W. O., Mfg. Co., The: *See*—
Thompson, Robert J., assignor.

Hicks-Bruun, Mildred M.: *See*—
Bruun, Johannes H.

Hicks, Harold A.: *See*—
Woolsen, H. T., Herreshoff, Hicks, Parker, and Wyatt.

Hicks, Harold A., Detroit, I. E. Johnson, Huntington Woods, and A. W. Ross, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Vehicle body structure. 2,380,523; July 31.

Hicks, Hobert L., Vancouver, Wash. Vehicle signal light. 2,377,419; June 5.

Hicks, James A., deceased, Atlanta, Ga.; R. L. Holbrook, administrator, assignor to A. L. Belle Isle. Brake equalizer. 2,382,223; Aug. 14.

Hicks, James A., deceased, by R. L. Holbrook, Atlanta, Ga., assignor to A. L. Belle Isle. Fluid pressure control unit for laundry machines and the like. 2,382,224; Aug. 14.

Hicks, James R., assignor to The Bristol Company, Waterbury, Conn. Null-type fluid manometer system. 2,380,177; July 10.

Hicks, James R., Waterbury, assignor to The Bristol Company, New Haven, Conn. Adjusting profiles. 2,387,149; Oct. 16.

Hicks, Lester M., assignor to Eastman Kodak Company, Rochester, N. Y. Etching. 2,371,758; Mar. 20.

Hicks, Louis E., Portland, Oreg. Vehicle stabilizer. 2,380,309; July 10.

Hicks, Paris P., Jane Lew, assignor of one-half to M. Faulkner, Weston, W. Va. Tractor rake. 2,388,411; Nov. 6.

Hicks, Tip A., Sr., Catonsville, assignor to The Glenn L. Martin Company, Middle River, Md. Angle edging device. 2,373,829; Apr. 17.

Hicks, William H., Las Vegas, Nev., assignor of one-third to J. E. Gallois, San Francisco, and one-third to H. Hammond, Los Angeles, Calif. Ceramic composition. 2,388,060; Oct. 30.

Hieber, Sonia L., Atlanta, Ga. Fabric repair machine. 2,385,703; Sept. 25.

Hiemenz, William, and P. Setz, Albany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Sulpha-thiazoles. 2,366,189; Jan. 2.

Higby, Maynard W., Utica, N. Y. Machine for tearing woven fabric. 2,370,465; Feb. 27.

Higginbotham, Earnest L., Hybla Valley, Va. Incubator for premature babies. 2,369,396; Feb. 13.

Higgins, Alfred E.: *See*—
Phillips, H., Middlebrook, and Higgins.

Higgins, Andrew J., New Orleans, La. Boat hull construction. 2,369,633; Feb. 13.

Higgins, Andrew J., Jr., New Orleans, La. Obstacle plow. 2,381,665; Aug. 7.

Higgins, Frank, Princeton, Ill. Combined stabilizer and anchor cord holders for duck decoys. 2,368,834; Feb. 6.

Higgins Industries, Incorporated: *See*—
Dugas, Joseph J., assignor.
Peterson, Hillis S., assignor.

Higgins, John M., Boulder City, Nev. Changeable road map and information device. 2,374,935; May 1.

Higgins, Walter A., U. S. Army, Fall River, Mass. Portable gas disinfestor. 2,375,226; May 8.

Higginson, John: *See*—
Scarlett, A. A., and Higginson.

High Production Machine Co., Inc.: *See*—
Haessler, William J., assignor.

High Standard Manufacturing Corporation, The: *See*—
Humeston, Frederick L., assignor.

Higham, William W., assignor, by mesne assignments, to International Detrola Corporation, Elkhart, Ind. Vending machine. 2,390,535; Dec. 11.

Highberg, Axel L., West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Spark control. 2,390,881; Dec. 11.

Highberger, John H., and H. J. Kersten, assignors to Foundation of The Research Laboratory of the Tanners' Council of the United States of America at the University of Cincinnati, Inc., Cincinnati, Ohio. Gelatin filaments and preparation thereof. 2,374,201; Apr. 24.

Higley, Frank R., Cleveland Heights, assignor to The Bryant Heater Company, Cleveland, Ohio. Thermal responsive device. Re. 22,688; Nov. 6.

Higley, Frank R., Cleveland Heights, assignor to The Bryant Heater Company, Cleveland, Ohio. Fire pot. 2,378,220; June 12.

Higley, Frank R., Cleveland Heights, assignor to The Bryant Heater Company, Cleveland, Ohio. Burner lighter. 2,374,431; Apr. 24.

Higonnet, René A., and L. N. Chereau, Lyon, France; vested in the Alien Property Custodian. Apparatus for copying documents and the like. 2,388,264; Nov. 6.

Hijmans, Ernst, The Hague, Netherlands; vested in the Alien Property Custodian. Tool mounting. 2,390,148; Dec. 4.

Hilberg, Frank C., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Luminescent adhesive tape. 2,387,512; Oct. 23.

Hilblom, Samuel E., Chicago, Ill., assignor to International Harvester Company. Mower. 2,387,070; Oct. 16.

Hilborn, Edwin H.: *See*—
Nadeau, G. F., Hilborn, and Hunter.

Hildebrecht, Charles V., Chicago, Ill., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Thermoelectric safety device and the like. 2,379,712; July 3.

Hildreth, Clarence G., Pittsburgh, Pa. Truss. 2,388,847; Nov. 13.

Hile, Heston H., Riverside, Conn., assignor to United States Rubber Company, New York, N. Y. Resilient mounting. 2,375,105; May 1.

Hile, Heston H., Riverside, Conn., assignor to United States Rubber Company, New York, N. Y. Resilient mounting. 2,380,463; Oct. 9.

Hiles, Pearl M., assignor to The Standard Register Company, Dayton, Ohio. Autographic register. 2,374,202; Apr. 24.

Hilferty, Richard A., Baldwin, N. Y., assignor to Press Wireless, Inc., Chicago, Ill. Synthetic modulator system. 2,378,013; June 12.

Hilferty, Richard A., Baldwin, N. Y., assignor to Press Wireless, Inc., Chicago, Ill. Composite-modulation radio service. 2,378,298; June 12.

Hilferty, Richard A., Baldwin, N. Y., assignor to Press Wireless, Inc., Chicago, Ill. Radio service system. 2,378,299; June 12.

Hilgeman, Carl F.: *See*—
Shelby, A., and Hilgeman.

Hilker, Earl E., Spring Garden Township, York County, assignor to S. Morgan Smith Company, York, Pa. Valve operating mechanism. 2,383,549; Aug. 28.

Hill Acme Company, The: *See*—
Hercik, Lad L., assignor.

Hill, Albert E., Detroit, Mich. Apparatus for reforming and forming rail end balls. 2,375,470; May 8.

Hill, Alfred G., North Branch, and R. E. Sayre, Metuchen, N. J., assignors to American Cyanamid Company, New York, N. Y. Preparation of monoethyl aniline. 2,377,233; May 29.

Hill, Arthur J.: *See*—
Baird, W., Hill, Harris, Oakesbott, and Wilson.
Parker, R. P., and Hill.
Salvin, V. S., and Hill.

Hill, Arthur J., New Haven, Conn., and W. M. Degnan, Bloomington, Ind., assignors to American Cyanamid Company, New York, N. Y. Acidyl blurets. 2,379,486; July 3.

Hill, C. V., & Company, Inc.: *See*—
Caulk, J. R., Jr., and Davis, assignors.

Hill, Charles A., Oakland, assignor to William C. Frost, San Francisco, Calif. Ladder. 2,384,743; Sept. 11.

Hill, Dewey H.: *See*—
Tolley, D. B., and Hill.

Hill, Donald M., et al., trustees: *See*—
Boughton, W. A., Mansfield, and Hughes, assignors.

Hill, Donald P., Wilmington, Del., and G. A. Peirce, Westfield, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of sulphamic acid. 2,390,648; Dec. 11.

Hill, Douglas G. B., Corunna, assignor to Stout Houses, Incorporated, Detroit, Mich. Building structure. 2,376,695; May 22.

Hill, Dudley L., Peekskill, N. Y. Implement for soil preparation. 2,385,441; Sept. 25.

Hill, E. Govan, et al.: *See*—
Phillips, John X., assignor.

Hill, Earl J., Bahama, and L. A. Smith, Durham, N. C. Paper roll holder. 2,372,949; Apr. 3.

Hill, Francis A., 2nd: *See*—
Hill, Myron P., and F. A.

Hill, Frank B., and W. H. Kimpton, Spondon, near Derby, England, assignors to Celanese Corporation of America. Shrinking of textile yarns and like materials. 2,388,742; Nov. 13.

Hill, Frank E.: *See*—
Da Roza, F. G., and Hill.

Hill, Frederick W., Rutherford, N. J., assignor to General Printing Ink Corporation, New York, N. Y. Synchronized conveyer mechanism and printing press. 2,386,551; Oct. 9.

Hill, Frederick W., Rutherford, N. J., assignor to General Printing Ink Corporation, New York, N. Y. Machine for threading and cutting tubular articles. 2,390,533; Dec. 11.

Hill, George B.: *See*—
Moschel, H., and Hill.

Hill, George S., North East, Pa., assignor to General Electric Company. Ice making apparatus. Re. 22,689; Nov. 6.

Hill, George S., North East, Pa., assignor to General Electric Company. Ice making apparatus. 2,374,097; May 1.

Hill, Grover B.: *See*—
Asbill, C. M., Jr., and Hill.

Hill, Harvey W., Parkville, Mo. Boot holder. 2,383,651; Aug. 28.

Hill, Henry C., Montclair, N. J., assignor to Wright Aeronautical Corporation. Liquid cooled supercharger. 2,384,251; Sept. 4.

Hill, Henry C., Montclair, H. D. Jackes, Bloomfield, and F. M. Kincaid, Jr., Mountain Lakes, N. J., assignors to Wright Aeronautical Corporation. Transmission. 2,368,835; Feb. 6.

Hill, Hillary L., Chelmsford, assignor to A. S. Campbell Co., Inc., East Boston, Mass. Power drive for window regulators. 2,382,791; Aug. 14.

Hill, Hugh G., Wheeling, W. Va., assignor to Continental Can Company, Inc., New York, N. Y. Can soldering mechanism. 2,371,170; Mar. 13.

Hill, Irving, Lawrence, Kans. Method and machine for making composite boards. 2,384,676; Sept. 11.

Hill, Iver F., Stratford, Conn. Brassière. 2,391,417; Dec. 25.

Hill, James H., assignor of forty-nine per cent to H. F. Craven, Long Beach, Calif. Welding rod holder. 2,390,837; Dec. 11.

Hill, Joanna, Bangor, Saskatchewan, Canada. Railroad seat. 2,383,125; Aug. 21.

Hill, John W., Cromwell, Minn. Vari-position golf club. 2,386,552; Oct. 9.

Hill, Joseph M.: *See*—
Pfeiffer, D. C., and Hill.

Hill, Lawrence R.: *See*—
Barker, H. H., and Hill.

Hill, Marvin L., Summit, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Electrical coil. 2,377,420; June 5.

Hill, Myron F., Westport, Conn. Elliptical contour for rotor teeth. 2,389,728; Nov. 27.

Hill, Myron F. and F. A., 2nd, Westport, Conn. Balanced compressor. 2,386,896; Oct. 16.

Hill, Ralph H., Flint, Mich. Rotary disk valve. 2,387,397; Oct. 23.

Hill, Ralph M., Lancaster Township, Lancaster County, assignor to Armstrong Cork Company, Lancaster, Pa. Polishing element. 2,378,630; June 19.

Hill, Robert H., assignor to J. E. Taylor, Elgin, Ill., doing business as Taylor Engineering Company. Apparatus for utilizing liquefied gases. 2,384,677; Sept. 11.

Hill, Robert H., assignor to General Motors Corporation, Detroit, Mich. Servo motor. 2,391,702; Dec. 25.

Hill, Rowland: *See*—
Anderson, J. G., Hill, and Morgan.
Gudgeon, H., and Hill.

Hill, Thomas M.: *See*—
Osborne, A. G., and Hill.

Hill, Walter E.: *See*—
McLoughlin, H. F., Hill, Morgan, and Wintle.

Hill, Walker, Meridian, Miss. Thermal switch. 2,378,080; June 12.

Hill, Walter P., Detroit, assignor to Calumet and Hecla Consolidated Copper Company, Calumet, Mich. Primer and manufacturing and loading the same. 2,366,333; Jan. 2.

Hill, Walter P., Detroit, assignor to Calumet and Hecla Consolidated Copper Company, Calumet, Mich. Combined punch and extruding tool. 2,367,121; Jan. 9.

Hill, William H., Mount Lebanon, Pa., assignor, by mesne assignments, to Koppers Company, Inc. Organic cyanamide transmission fluids. 2,370,663; Mar. 6.

Hill, William H., Mount Lebanon, Pa., assignor to American Cyanamid Company, New York, N. Y. Making alkali metal cyanides. 2,381,285; Aug. 7.

Hill, William H., Mount Lebanon, Pa., assignor to American Cyanamid Company, New York, N. Y. Pickling inhibitors. 2,384,467; Sept. 11.

Hillberg, Bror, assignor to Superior Concrete Accessories, Chicago, Ill. Combined bar support and spacer. 2,375,361; May 8.

Hillenbrand, William A., Franklin County, assignor to Hill-Rom Company, Inc., Batesville, Ind. Hospital bed. 2,379,080; June 26.

Hiller, Fritz E., Stratford, assignor to Manning, Maxwell & Moore, Inc., Bridgeport, Conn. Electrical measuring instrument. 2,382,315; Aug. 15.

Hiller, Gustave, Vancouver, Wash. Welding rod holder. 2,378,707; June 19.

Hillery, Arthur M., Leominster, Mass. Activated amusement device. 2,384,168; Sept. 4.

Hilliard Corporation, The: *See*—
Schuckers, John M., assignor.

Hilliard, John D., Glens Falls, N. Y. Circuit breaker. 2,381,592; Aug. 7.

Hillard, Perley A., Newton Center, Mass. Machine for making decorative paper strips. 2,383,797; Aug. 28.

Hillier, Harold, assignor to G. & J. Weir, Limited, Glasgow, Scotland. Closed feed system for steam power plants. 2,371,443; Mar. 13.

Hillier, James, Collingswood, N. J., assignor to Radio Corporation of America. Magnetic lens. 2,370,627; Mar. 6.

Hillier, James, Cranbury, N. J., assignor to Radio Corporation of America. Electron lens system. 2,369,782; Feb. 20.

Hillier, James, Cranbury, N. J., assignor to Radio Corporation of America. Electron microanalyzer. 2,372,422; Mar. 27.

Hillier, James, Cranbury, N. J., assignor to Radio Corporation of America. Electron discharge device. 2,391,780; Dec. 25.

Hilliker, William P., Chesterton, Ind., assignor to Standard Oil Company, Chicago, Ill. Lubricants. 2,386,553; Oct. 9.

Hillman, Charles A., Sea Girt, and D. L. Campbell, Short Hills, N. J., assignors to Standard Oil Development Company. Refining operation. 2,391,160; Dec. 18.

Hillman, Leon, New York, N. Y. Wind direction and velocity telemetering device. 2,375,227; May 8.

Hillman, Leon, New York, N. Y. Measuring wind velocity. 2,377,884; June 12.

Hill-Rom Company, Inc.: *See*—
Hillenbrand, William A., assignor.
Purkiss, Robert B., assignor.

Hillyer, John C.: *See*—
Schulze, W. A., and Hillyer.
Schulze, W. A., Hillyer and Drennan.

Hillyer, John C., Bartlesville, Okla., assignor to Phillips Petroleum Company. Purification of aliphatic ethers. 2,380,524; July 31.

Hillyer, John C., Bartlesville, Okla., assignor to Phillips Petroleum Company. Isomerization of 1-olefins to 2-olefins. 2,387,994; Oct. 30.

Hilpert, Meier G., Bethlehem, Pa. Tobacco pipe. 2,383,968; Sept. 4.

Hiltman, Laurence: *See*—
Horner, K., and Hiltman.

Hilton, Bailey: *See*—
Ruger, K. A., and Hilton, assignors.

Hilton, Charles G., judicial change of name: *See*—
Gregory, Charles.

Hilton, Charles G., Amarillo, Tex. Tack detecting device. 2,385,271; Sept. 18.

Hilton, Charles G., Amarillo, Tex. Boot and shoe holding tree. 2,385,272; Sept. 18.

Hilton, Charles G., Amarillo, Tex. Shank and patching cement press for footwear. 2,385,273; Sept. 18.

Hilton, Frederick, Welwyn Garden City, assignor to The British Rubber Producers' Research Association, London, England. Rubber derivatives. 2,379,354; June 26.

Hilton, George, Northbridge, Mass., assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa. Harness for cross-weaving. 2,389,258; Nov. 20.

Hilton, Melvin J., Burbank, Calif. Game. 2,380,106; July 10.

Hilton, William, Seattle, Wash. Curtain bracket. 2,386,854; Oct. 16.

Hiltz, Percy L., Bayonne, N. J., assignor to The Lummus Company, New York, N. Y. Fluid proportioning apparatus. 2,376,917; May 29.

Himes, William H.: *See*—
Joyce, W. E., Himes, and Wilson.

Himmel Brothers Company, The: *See*—
Drummond, F. E., and Bench, assignors.

Himmell, Henry, New York, N. Y. Making sheet material. 2,368,024; Jan. 23.

Himsworth, Francis R.: *See*—
Etridge, J. J., Himsworth, and Lefebure.

Hinckley-Myers Division of Kent-Moore Organization, Inc.: *See*—
Graham, George M., assignor.

Hinde & Dauch Paper Company, The: *See*—
Kirby, John S., assignor.
Skell, Herbert C., assignor.

Hines, Claude M., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Electronic brake control apparatus. 2,389,049; Nov. 13.

Hines, Claude M., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Electronic brake control system. 2,389,050; Nov. 13.

Hines, Claude M., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Electronic brake control apparatus. 2,389,051; Nov. 13.

Hines, Claude M., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Electropneumatic brake system. 2,389,052; Nov. 13.

Hindes, Joseph T., Malden, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Making shoes. 2,377,421; June 5.

Hindle, Alfred E., Wickenburg, Ariz. Device for securing tool heads on handles. 2,377,150; May 29.

Hindle, James A., Punjab, British India. Pryomagnetic motor. 2,391,313; Dec. 18.

Hindle, Walter H.: *See*—
Croft, C. M., and Hindle.

Hindley, Nathan C.: *See*—
Bergel, F., Hindley, Morrison, and Rinderknecht.
Bergel, F., Morrison, Hindley, and Moss.

Hinds, Sherwood: *See*—
Jauch, R. J., and Hinds.

Hinds, Sherwood, Columbia City, assignor to The Wayne Pump Company, Fort Wayne, Ind. Liquid dispensing apparatus. 2,370,466; Feb. 27.

Hinds, Sidney R., U. S. Navy. Sleeping bag. 2,368,220; Jan. 30.

Hineline, Edson S., assignor to The Folmer Graflex Corporation, Rochester, N. Y. Photographic contact printer. 2,371,594; Mar. 13.

Hineline, Harris D., Mt. Vernon, N. Y. Altitude indicating system. 2,366,621; Jan. 2.

Hines, Claude M.: *See*—
Mitchell, R. A., and Hines.

Hines, Claude M., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Ship launching means. 2,367,580; Jan. 16.

Hines, Claude M., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake control system. 2,369,968; Feb. 20.

Hines, George E., Jr., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Recovery of riboflavin. 2,367,644; Jan. 16.

Hines, George E., Jr., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Recovery of riboflavin. 2,387,023; Oct. 16.

Hines, John, South Norwalk, and L. Segal, assignors to Norwalk Lock Company, New York, N. Y. Laminated padlock. 2,379,437; July 3.

Hinkley-Meyers Division of Kent-Moore Organization Inc.: *See*—
Graham, George M., assignor.

Hinkley, Ray A., and J. L. Miller, assignors to Corning Glass Works, Corning, N. Y. Coating articles. 2,374,288; Apr. 24.

Hinnekens, Maurice G., Paterson, N. J. Calender machine. 2,373,027; Apr. 3.

Hinnekens, Maurice G., Paterson, N. J. Tentering machine. 2,375,990; May 15.

Hinton, Louis W., Rocky River, Ohio. Treatment of liquids. 2,369,232; Feb. 13.

Hinton, Ora A., Long Island City, N. Y., and L. De Stramp, Washington, D. C. Combination outer doors for dwellings. 2,381,666; Aug. 7.

Hintz, Harvey P.: *See*—
Schubert, A. E. Hintz, and Stettner.

Hintze, Rudolf, Berlin-Charlottenburg, and A. Engelmann, Berlin-Tegel, Germany; vested in the Alien Property Custodian. Refrigerating apparatus of the compression type. 2,366,404; Jan. 2.

Hipple, James L., Canton, Ill., assignor to International Harvester Company. Agricultural implement. 2,383,386; Aug. 21.

Hirmann, Julius, Hillside, N. J., assignor to Radio Corporation of America. Cathode. 2,370,538; Feb. 27.

Hirmann, Julius, Hillside, N. J., assignor to Radio Corporation of America. Filamentary cathode and manufacture. 2,380,525; July 31.

Hirsch, Albert W. H., Tampa, Fla. Automatic can marking machine. 2,375,362; May 8.

Hirsch, Eugen, New York, N. Y. Composition of matter and making. 2,372,577; Mar. 27.

Hirsch, Frederic, New York, N. Y., assignor to Hale Company. Corner-block fastening. 2,371,329; Mar. 13.

Hirsch, Peter: *See*—
Berger, J., and Hirsch.

Hirsch, Sabine, Minneapolis, Minn. Oxidation of paraffinic hydrocarbons. 2,391,236; Dec. 18.

Hirsch, Sabine, Minneapolis, Minn., assignor to Cargill, Incorporated, Wilmington, Del. Saponification process. 2,391,019; Dec. 18.

Hirschl, Alfred, Milwaukee, Wis. Mixing device. 2,388,972; Nov. 13.

Hirschman, Frederick A.: *See*—
Hirschman, Harry J. and F. A.

Hirschman, Harry J. and F. A., Rock Hill Village, Mo. Brake. 2,389,311; Nov. 20.

Hirschmann, Heinrich, assignor to Aktiengesellschaft vormals B. Siegfried, Zofingen, Aargau, Switzerland. Products for pharmaceutical use and improvements in preparing these products. 2,370,903; Mar. 6.

Hirsh, Philip R., Verona, assignor to Lock Joint Pipe Company, East Orange, N. J. Reinforced concrete pipe and making same. 2,375,921; May 15.

Hirshstein, Joseph, assignor of one-half to R. R. Newman and one-half to M. Hirshstein, Cleveland, Ohio. Check valve. 2,383,481; Aug. 28.

Hirshstein, Joseph, assignor of one-half to R. R. Newman, and one-half to M. Hirshstein, Cleveland, Ohio. Check valve. 2,383,482; Aug. 28.

Hirshstein, Mildred, et al.: *See*—
Hirshstein, Joseph, assignor.

Hirt, Rudolf: *See*—
Martin, H., Hirt, and Neracher.
Martin, H., Hirt, and Staub.
Martin, H., Zaeslin, Hirt, Glatthaar, and Staub.

Hisey, Willis O.: *See*—
Collings, W. R., Freeman, Roberts, and Hisey.

Hishon, Patrick D., W. D. Carter, and T. N. Ravn, Berkeley, and H. L. Borchers, assignors to Shell Development Company, San Francisco, Calif. Pressure vessel and support. 2,387,024; Oct. 16.

Hiss, John K.: *See*—
Logan, G. H., and Hiss.

Hitchcock, Rex B.: *See*—
Johnson, A. E. W., and Hitchcock.

Hitchcock, Rex B., Evanston, Ill., assignor to International Harvester Company. Baling press. 2,389,510; Nov. 20.

Hitchcock, Rex B., Evanston, and W. C. Rosenthal, Chicago, Ill., assignors to International Harvester Company. Implement construction. 2,376,539; May 22.

Hitchcock, Rex B., Evanston, and A. H. Keller, Moline, Ill., assignors to International Harvester Company. Harvester reel mounting. 2,387,071; Oct. 16.

Hitchcock, Richard C.: *See* —
Bush, H. F., and Hitchcock, assignors.

Hitchcock, Stanley Isaiah, assignor to Tropical Plantations Limited, London, England. Permanent magnet electric motors. 2,374,998; May 1.

Hitchen, Herbert, assignor to British Ropes Limited, Doncaster, England. Determining and recording the stresses in wire ropes, chains, etc. 2,390,304; Dec. 4.

Hite, Jess L., assignor to Rohr Aircraft Corporation, Chula Vista, Calif. Collet shield. 2,376,594; May 22.

Hite, Jess L., assignor to Rohr Aircraft Corporation, Chula Vista, Calif. Collet jaw protector. 2,380,648; July 31.

Hitt, Raymond C., Seattle, Wash. Daylight floating smoke signal. 2,366,261; Jan. 2.

Hixson, Arthur W., Leonia, N. J., and R. Miller, New York, N. Y., assignors to The Chemical Foundation, Incorporated, as trustees. Production of alumina. 2,376,696; May 22.

Hixson, Arthur W., Leonia, N. J., and R. Miller, New York, N. Y., assignors to The Chemical Foundation, Incorporated. Fractionation of tall oil. 2,388,412; Nov. 6.

Hi-Way Service Corporation: *See*—
Drott, E. A., and Kerber, assignors.

Hjort, Henry, Bay Terrace, Staten Island, N. Y. Photographic enlarging machine. 2,369,897; Feb. 20.

Hlavaty, Rudolf F., Westchester, Ill. Self-aligning pulley. 2,372,378; Mar. 27.

Hlavaty, Rudolf F., Cicero, Ill. Material handling apparatus. 2,387,150; Oct. 16.

Hlavin, William S.: *See*—
Sigmund, F. J., and Hlavin.

Hoag, Edward H., Los Angeles, Calif. Flotation process. 2,367,122; Jan. 9.

Hoag, Edward H., Los Angeles, Calif. Flotation reagent. 2,371,292; Mar. 13.

Hoag, Edward H., Los Angeles, Calif. Flotation process. 2,378,552; June 19.

Hoag, Roderick W., assignor to H. M. Russell and M. H. Sidebotham, copartners, doing business as Russell & Sidebotham, Melrose, Mass. Container and closure. 2,373,397; Apr. 10.

Hoagland, Le Roy I., Seaside, Oreg. Plumb bob line reel. 2,384,914; Sept. 18.

Hoagland, Reginald W., Detroit, Mich., assignor, by mesne assignments, to Industrial Rayon Corporation. Cage for rayon or the like. 2,380,526; July 31.

Hoague-Sprague Corporation: *See*—
Knowlton, Cutler D., assignor.

Hoar, Roger S.: *See*—
Davidson, T. O., and Hoar.

Hoar, Roger S., assignor to Bucyrus-Erie Company, South Milwaukee, Wis. Wheeled scraper. 2,387,263; Oct. 23.

Hoard, Bert Y., Portland, Oreg., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. High-speed relay. 2,379,905; July 10.

Hobart Manufacturing Company, The: *See*—
Meeker, David A., assignor.
Meeker, D. A., and Allen, assignors.
Wallace, De Loss D., assignor.

Hobbs, Frank, Seattle, Wash. Tenoning mechanism. 2,385,205; Sept. 18.

Hobbs Glass Limited: *See*—
Trevail, C., and Gladney, assignors.

Hobbs, Howard F., Leamington Spa, assignor of one-half to C. J. P. Ball, London, England. Power transmission gear. 2,381,593; Aug. 7.

Hobbs, Howard H., and W. A. Zaloudek, assignors to The Oakes Manufacturing Company, Tipton, Ind. Spray nozzle. 2,389,053; Nov. 13.

Hobbs, John W., assignor to John W. Hobbs Corporation, Springfield, Ill. Sealing device. 2,372,781; Apr. 3.

Hobbs, John W., Corporation: *See*—
Hobbs, John W., assignor.

Hobbs, Walter V., Columbus, Ohio, assignor to Ranco Incorporated. Pressure measuring device. 2,388,542; Nov. 6.

Hobby, Harold E.: *See*—
Dell, J. A., and Hobby.

Hobrock, Raymond H., Troy Township, Oakland County, assignor to Bundy Tubing Company, Detroit, Mich. Uniting metals. 2,373,116; Apr. 10.

Hobrock, Raymond H., Troy Township, Oakland County, assignor to Bundy Tubing Company, Detroit, Mich. Uniting metals. 2,373,117; Apr. 10.

Hobrock, Raymond H., Grosse Pointe, assignor to Bundy Tubing Company, Detroit, Mich. Tubing. 2,380,107; July 10.

Hobson, H. M., (Aircraft & Motor) Components Limited: *See*—
Greenland, Leonard S., assignor.
Stokes, Philip H., assignor.

Hobson, Stanley H., assignor to Geo. D. Roper Corporation, Rockford, Ill. Gas burner. 2,379,524; July 3.

Hobson, Stanley H., and H. H. Ring, assignors to Geo. D. Roper Corporation, Rockford, Ill. Range construction. 2,390,438; Dec. 4.

Hochstetler, Robert J., Westport, Conn., assignor to Amalgamated Ordnance & Ammunition Machinery Company, New York, N. Y. Ordnance. 2,382,225; Aug. 14.

Hochstetter, Frederick W., assignor to Hochstetter Research Laboratories, Inc., Pittsburgh, Pa. Composition of matter for flameproofing cellulosic media and making the same. 2,368,660; Feb. 6.

Hochstetter Research Laboratories, Inc.: *See*—
Hochstetter, Frederick W., assignor.

Hochwalt, Carroll A.: *See*—
Thomas, C. A., and Hochwalt.

Hochwalt, Carroll A., Montgomery County, Ohio, assignor to Monsanto Chemical Company. Treatment of textiles. 2,381,852; Aug. 7.

Hochwalt, Carroll A., Dayton, Ohio, assignor to Monsanto Chemical Company. Production of para-divinylbenzene. 2,390,368; Dec. 4.

Hockery, John C., et al.: *See*—
Landry, William J., assignor.

Hockwalt, Carroll A., Rahn Road, Ohio, assignor to Monsanto Chemical Company. Grease proof and water repellent paper. 2,380,043; July 10.

Hocott, Claude R., Houston, Tex., assignor to Standard Oil Development Company. Well logging. 2,387,513; Oct. 23.

Hodecker, Fred, Redmond, Oreg. Grader or sizer. 2,370,539; Feb. 27.

Hodgdon, John W. S., Santa Barbara, Calif., assignor of forty-four per cent to A. P. Brownrigg, New York, N. Y., and five per cent to F. E. Parker, Washington, D. C. Propelled aerodynamic body. 2,379,355; June 26.

Hodge, Edward B., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Chloromethyi ethers of nitro alcohols. 2,370,540; Feb. 27.

Hodge, Howard M., Linthicum Heights, Md., assignor, by mesne assignments, to U. S. Industrial Chemicals, Inc. Glycerol fermentation process. 2,381,052; Aug. 7.

Hodge, John M., Pittsburgh, Pa., assignor to Carnegie-Illinois Steel Corporation. Heat treating alloy steel. 2,378,300; June 12.

Hodge, John M., Munhall, and M. W. Lightner, Pittsburgh, Pa. Thermally hardening steel. 2,374,351; Apr. 24.

Hodges, Caleb E.: *See*—
Lieber, E., and Hodges.

Hodges, Frederick G., Jr., Washington, D. C. Apparatus for making mattresses, cushions, and the like. 2,382,226; Aug. 14.

Hodges, John S., Riverside, Calif. Combined generator and lighter for oil heaters. 2,375,471; May 8.

Hodges, John S., Riverside, assignor of forty-nine per cent to M. Lerner, Fontana, Calif. Smudge pot generator. 2,368,469; Jan. 30.

Hodges, Lillian F., administratrix: *See*—
Hodges, Paul.

Hodges, Paul, Crossett, Ark., assignor to Gulf States Paper Corporation. Making metal soaps. 2,381,822; Aug. 7.

Hodges, Paul, deceased, Crossett, Ark.; L. F. Hodges, administratrix. Treatment of paper mill effluent. 2,382,010; Aug. 14.

Hodges, Ralph R., Normandy, assignor to Carter Carburetor Corporation, St. Louis, Mo. Punch press guard. 2,382,316; Aug. 14.

Hodgeson, Willie W., Baker, La., assignor to Standard Oil Development Company. Refining process. 2,391,367; Dec. 18.

Hodgins, Theodore S., and P. S. Hewett, Royal Oak, assignors to Reichhold Chemicals, Inc., Detroit, Mich. Alcohol modified urea-formaldehyde condensation products and producing same. 2,377,422; June 5.

Hodgkins, Charles H., Fairfield, assignor to The Bryant Electric Company, Bridgeport, Conn. Discharge lamp circuit. 2,374,352; Apr. 24.

Hodgkins, Charles H., Fairfield, assignor to The Bryant Electric Company, Bridgeport, Conn. Fluorescent lamp starter. 2,379,300; June 26.

Hodgkins, Charles H., Fairfield, and O. Hammerstrom, assignors to The Bryant Electric Company, Bridgeport, Conn. Fluorescent lamp starter. 2,367,645; Jan. 16.

Hodgson, Howard E., and C. W. Kuhn, Wauwatosa, assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Drive for valves and the like. 2,391,418; Dec. 25.

Hodgson, Reginald H.: *See*—
White, R. H., Hodgson, Jones, and White.

Hodnette, John K.: *See*—
Putman, H. V., and Hodnette.

Hodshon, Alfred E., Bucks County, and H. H. Tucker, Montgomery County, assignors to John B. Stetson Company, Philadelphia, Pa. Preparing fur for felting. 2,374,936; May 1.

Hodson, Edmund, Tettenhall, Wolverhampton, and R. B. Soutter, Wolverhampton, England, assignors to Courtaulds Limited, London, England. Liquid measuring device. 2,376,772; May 22.

Hodson, George F., Oklahoma City, Okla., assignor to Wilson & Company, Inc., Chicago, Ill. Egg thawing. 2,373,682; Apr. 17.

Hodson, Milo G., South Bend, Ind., assignor to The Kawneer Company, Niles, Mich. Window construction. 2,375,553; May 8.

Hoe, R., & Co., Inc.: *See*—
Budden, E. L., and Wieking, assignors.
Huck, William F., assignor.
Zuckerman, Adolph M., assignor.

Hoeber, Harold, South Dartmouth, Mass. Picker stick support. 2,379,525; July 3.

Hoecker, Albert C., assignor to Gunhild Bergland Hoecker, St. Louis, Mo. Container and iron. 2,387,757; Oct. 30.

Hoecker, Gunhild B.: *See*—
Hoecker, Albert C., assignor.

Hoefner, Richard, Spokane, Wash. Lateral shift mower. 2,374,432; Apr. 24.

Hoeh, Joseph, Congress Park, assignor to Wittek Manufacturing Co., Chicago, Ill. Welding electrode. 2,387,905; Oct. 30.

Hoehn, Willard M., assignor to George A. Breon & Company, Incorporated, Kansas City, Mo. Compounds of the cyclopentanopolyhydrophenanthrene series and their preparation. 2,374,650; May 1.

Hoekstra, Johannes: *See*—
Van Lin, O. A. J., and Hoekstra.

Hoelscher, William G., assignor to The American Tool Works Company, Cincinnati, Ohio. Drill spindle driving mechanism. 2,382,719; Aug. 14.

Hoelscher, William G., assignor to The American Tool Works Company, Cincinnati, Ohio. Drill spindle driving mechanism. 2,384,744; Sept. 11.

Hoelscher, William G., assignor to The American Tool Works Company, Cincinnati, Ohio. Drill spindle driving mechanism. 2,384,745; Sept. 11.

Hoenger, Guido, Geneva, Switzerland. Key embodying a signalling device. 2,373,893; Apr. 17.

Hoenle, Norman J.: *See*—
Landis, G. G., and Hoenle.

Hoerle, William F., Torrington, Conn. Cleaning tool. 2,379,962; July 10.

Hoern, Joseph H., Birmingham, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Thread rolling apparatus. 2,367,398; Jan. 16.

Hoel, Seward C., Milnor, N. Dak. Mixing slab. 2,369,898; Feb. 20.

Hofbauer, Frank, Detroit, Mich. Rotary cutting tool. 2,389,909; Nov. 27.

Hoff, James L.: *See*—
Tama, M., and Hoff.

Hoff, John G., assignor to The Tappan Stove Company, Mansfield, Ohio. Filling device. 2,366,529; Jan. 2.

Hoff, Wilbur L., Hollywood, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Reclamation process. 2,382,317; Aug. 14.

Hoffar, Henry S., assignor to International Multifeed Drills, Ltd., Vancouver, British Columbia, Canada. Variable pressure drill feed. 2,375,991; May 15.

Hoffecker, John W., Wilmington, Del., assignor to Bond Crown & Cork Co. Extruding device. 2,386,796; Oct. 16.

Hoffer, James F., Detroit, assignor, by mesne assignments, to Superdraulic Corporation, Dearborn, Mich. Fluid pump. 2,383,059; Aug. 21.

Hoffer, James F., Detroit, assignor, by mesne assignments, to Superdraulic Corporation, Dearborn, Mich. Fluid pump. 2,383,060; Aug. 21.

Hoffer, James F., assignor to Ex-Cell-O Corporation, Detroit, Mich. Pump structure. 2,383,483; Aug. 28.

Hoffer, Max, Montclair, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Pyridine derivatives and manufacture of same. 2,389,054; Nov. 13.

Hoffman, Earl W., Ogden, Utah. Locomotive sand trap. 2,377,938; June 12.

Hoffman, Edward C., Montclair, N. J. Aiding in the creation of a line rendition in true perspective of an object to be depicted. 2,381,165; Aug. 7.

Hoffman, Frank E.: *See*—
Osborne, L. C., and Hoffman.

Hoffman, Frederick C., Meriden, Conn., assignor to General Motors Corporation, Detroit, Mich. Tumbling mechanism. 2,370,792; Mar. 6.

Hoffman, George E., Evanston, assignor to Crane Co., Chicago, Ill. Water closet. 2,379,400; June 26.

Hoffman, Harry, Denver, Colo. Pencil. 2,385,442; Sept. 25.

Hoffman, Harry E., Peoria, Ill. Score indicator. 2,387,847; Oct. 30.

Hoffman, Harry W., Anoka, and G. H. Helmer, assignors to Federal Cartridge Corporation, Minneapolis, Minn. Protection apparatus. 2,383,313; Aug. 21.

Hoffman, Herbert E., Brooklyn, N. Y. Foldable and suspendable rack for shoes or like articles. 2,389,910; Nov. 27.

Hoffman, Homer V., South Whitley, and V. R. Kaufman, Pierceton, assignors to K M & H Corporation, Fort Wayne, Ind. Indexing mechanism. 2,390,649; Dec. 11.

Hoffman, Howard H., Fort Thomas, Ky., assignor to The Louis G. Freeman Co., Cincinnati, Ohio. Decorating shoes. 2,369,899; Feb. 20.

Hoffman, James A., Newark, N. J., assignor to The Linde Air Products Company. Thermochemically treating ferrous metal bodies. 2,366,787; Jan. 9.

Hoffman-La Roche, Inc.: *See*—
Lee, J., and Berger, assignors.
Lee, J., Solmssen, and Berger, assignors.
Schnider, Otto, assignor.

Hoffman, Louis, Brooklyn, N. Y. Earring. 2,384,915; Sept. 18.

Hoffman, Louis, Brooklyn, and A. Dalmen, Jamaica, assignors to P. L. Andrews Corporation, Brooklyn, N. Y. Envelope machine. 2,381,955; Aug. 14.

Hoffman, Raymond A., Euclid, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing electrodeposits. 2,380,044; July 10.

Hoffman, Robert J., Schenectady, and F. E. Crever, Scotia, assignors to General Electric Company, New York, N. Y. Control system for aircraft turbosuperchargers. 2,376,142; May 15.

Hoffman, Robert M., Waynesboro, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulose acetate yarn and process. 2,387,791; Oct. 30.

Hoffman, Ross B., East Orange, assignor to Federal Telephone and Radio Corporation, Newark, N. J. Vacuum tube mounting. 2,381,905; Aug. 14.

Hoffman, Samuel K.: *See*—
Lawler, J. A., and Hoffman.

Hoffman Specialty Co.: *See*—
Jehle, F., and Davies, assignors.
Parton, J. A., and Pace, assignors.

Hoffman, Valentine E., et al.: *See*—
Barna, Joseph W., assignor.

Hoffman, William A., and R. S. Schreiber, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Sheet material. 2,378,479; June 19.

Hoffmann, Alfred A., Rochester, N. Y. Card assembly. 2,379,637; July 3.

Hoffmann, Edward L., Chicago, Ill. Open window guard. 2,387,025; Oct. 16.

Hoffmann, Georg, Nurnberg, Germany; vested in the Alien Property Custodian. Tire valve. 2,371,891; Mar. 20.

Hoffmann, Josef, Paterson, N. J. Preparing concentrated toxoids and product produced thereby. 2,385,443; Sept. 25.

Hoffmann, Karl, and H. Von Meyenburg, Basel, Switzerland, assignors to Ciba Pharmaceutical Products, Incorporated, Summit, N. J. Basic ethers and making same. 2,387,447; Oct. 23.

Hoffmann-La Roche Inc.: *See*—
Furter, Max F., assignor.
Hoffer, Max, assignor.
Karrer, Walter, assignor.
Lee, J., and Heineman, assignors.
Lee, John, assignor.
Reichstein, Tadeus, assignor.
Ruggli, P., and Businger, assignors.
Shnider, Otto, assignor.
Warnat, Kurt, assignor.
Werner, Wilhelm, assignor.
Winterstein, Alfred, assignor.

Hoffmann, Samuel W.: *See*—
Stavely, F. W., Edgar, and Hoffmann.

Hoffmann, Victor A., Harvey, Ill. Stack hung flush tank. 2,386,608; Oct. 9.

Hofft, M. A.: *See*—
Puckett, Nick T., assignor.

Hofgren, Harry A., Chicago, Ill. Airplane. 2,388,973; Nov. 13.

Hofmann, Alfred, Inc.: *See*—
Straussberger, Hans J., assignor.

Hofmann, Klaus, Summit, N. J., assignor to Ciba Pharmaceutical Products, Incorporated. 2-substituted furan-3,4-dicarboxylic acids and their corresponding saturated analogues. 2,382,418; Aug. 14.

Hofmeister, Joseph A., Los Angeles, Calif. Mucking and loading machine. 2,377,495; June 5.

Hogan, Claude A., Cedartown, Ga. Rayon or nylon tire cord inspecting reel. 2,376,773; May 22.

Hogan, John H., C. J. Kettler, F. H. Judkins, and T. W. Hall, Pittsfield, Mass., assignors to General Electric Company. Inspection and layout apparatus. 2,372,494; Mar. 27.

Hogan, John V. L., Forest Hills, N. Y., assignor to Radio Corporation of America. Registering radio listening habits. 2,368,761; Feb. 6.

Hogan, John V. L., Forest Hills, assignor to Faximile, Inc., New York, N. Y. Facsimile apparatus. 2,379,438; July 3.

Hogan, John V. L., Forest Hills, assignor to Faximile, Inc., New York, N. Y. Continuous facsimile scanner. 2,379,906; July 10.

Hogan, Patrick J., New Haven, Conn. Retaining device. 2,368,544; Jan. 30.

Hogenmiller, Francis J., assignor to National Foam System, Inc., Philadelphia, Pa. Apparatus for producing fire extinguishing foam. 2,386,464; Oct. 9.

Hogg, George F., Chicago, Ill., assignor to Hercules Powder Company, Wilmington, Del. Printing ink compositions. 2,367,581; Jan. 16.

Hogg, William J.: *See*—
Drissner, A. E., and Hogg.

Hogg, William J., assignor to The National Acme Company, Cleveland, Ohio. Trigger type collapsing tap. 2,381,448; Aug. 7.

Hoggatt, Gilbert A., Winnetka, assignor to Certain-Teed Products Corporation, Chicago, Ill. Apparatus for forming sheets from plastic material. 2,380,527; July 31.

Hoggatt, Gilbert A., Snyder, N. Y., assignor to Certain-teed Products Corporation, New York, N. Y. Preparing plaster casts. 2,388,543; Nov. 6.

Hogge, Earl, et al.: *See*—
Flook, Cyril M., assignor.

Hohl, George L., East Orange, N. J. Carton closing mechanism. 2,380,758; July 31.

Hohl, John: *See*—
Barnby, H. A., and Hohl.

Hohl, John, Toledo, Ohio, assignor to Owens-Illinois Glass Company. Article conveying apparatus. 2,379,713; July 3.

Hohl, John, Toledo, Ohio, assignor to Owens-Illinois Glass Company. Vacuum testing apparatus. 2,383,036; Sept. 4.

Hohl, John, and O. Bjering, Toledo, Ohio, assignors to Owens-Illinois Glass Company. Jar capping apparatus. 2,386,797; Oct. 16.

Hohman, Robert F., assignor to Merrick Scale Mfg. Company, Passaic, N. J. Apparatus for feeding material. 2,367,775; Jan. 23.

Hohn, Hans: *See*—
Kuss, E., and Hohn.

Hohne, August F.: *See*—
Haferl, R. C., and Hohne.

Hohwart, Ernest F., Detroit, assignor to N. A. Woodworth Company, Ferndale, Mich. Clamping fixture. 2,370,351; Feb. 27.

Holtt, Robert W.: *See*—
Gautier, T. R., and Holtt.

Hojnowski, Jakob, Nekoosa, Wis. Bomb rack. 2,371,994; Mar. 20.

Hokanson, Evert C., Los Angeles, Calif., assignor to Whiting Corporation, Harvey, Ill. Propeller dolly. 2,375,363; May 8.

Hokanson, Otto A., Snyder, assignor to The Rudolph Wurlitzer Company, North Tonawanda, N. Y. Coin device. 2,376,357; May 22.

Hokanson, Otto A., Snyder, assignor to The Rudolph Wurlitzer Company, North Tonawanda, N. Y. Multiple coin device. 2,386,741; Oct. 9.

Hoke, Roland K., Baltimore, Md. Shaft protector. 2,385,000; Sept. 18.

Holabird Furniture Company: *See*—
Holabird, W. S., and Betterton, assignors.

Holabird, William S., Hamilton, Ind., and T. B. Betterton, Chattanooga, Tenn., assignors to Holabird Furniture Company, Chicago, Ill. Rack. 2,386,396; Oct. 9.

Holbrook, Brunner E., Stanfield, N. C. Seed harvester. 2,366,622; Jan. 2.

Holbrook, George E., Wilmington, Del., and F. H. Kaufert, St. Paul, Minn., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Pest control. 2,374,999; May 1.

Holbrook, Max A., Coldwater, Mich. Coasting sled. 2,390,256; Dec. 4.

Holbrook, Robert L., administrator: *See*—
Hicks, James A.

Holcomb, Carl W., Camp Davis, N. C. Motor-operated shaver. 2,388,324; Nov. 6.

Holcomb, Charles L., Wenatchee, Wash. Ammunition magazine for firearms. 2,375,106; May 1.

Holcomb, Charles S., and R. Overson, Salt Lake City, Utah, assignors to Remington Arms Company, Inc., Bridgeport, Conn. Primer cup racking device. 2,387,661; Oct. 23.

Hold Stitch Fabric Machine Company: *See*—
Minton, Clarence W., assignor.

Holdeman, Graydon E.: *See*—
Nelson, C. E., and Holdeman.

Holden, Artemas F., Northford, Conn. Heat treatment for wire drawing. 2,370,959; Mar. 6.

Holden, Artemas F., Northford, Conn. Bath for heating soldering irons. 2,370,960; Mar. 6.

Holden, Edward A., Jamaica, assignor to Engineer Company, New York, N. Y. Ignition system for pulverized coal burners. 2,382,483; Aug. 14.

Holden, Thomas W. W., assignor to The Magnavox Company, Ltd., Fort Wayne, Ind. Communication system. 2,387,906; Oct. 30.

Holden, William B., U. S. Navy. Pressed metal handwheel. 2,367,679; Jan. 23.

Holden, William H. T., Woodside, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Time measuring system. 2,370,727; Mar. 6.

Holden, William H. T., Woodside, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Selector switch. 2,372,782; Apr. 3.

Holden, William H. T., Woodside, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric maneuvering board. 2,382,994; Aug. 21.

Holder, Clinton H., Cranford, N. J., assignor to Standard Oil Development Company. Sustaining the activity of reforming catalysts. 2,386,050; Oct. 2.

Holder, Clinton H., Cranford, N. J., assignor to Standard Oil Development Company. Preparing diolefins from ethylene, steam and calcium carbide. 2,388,916; Nov. 13.

Holding, Harry, Hamden, Conn. Lifesaving suit. 2,379,963; July 10.

Holding Intercito: *See*—
Klopfer, Karl, assignor.

Holdman, Robert E., Portland, Oreg. Level indicator and recorder for molten glass. 2,380,436; July 31.

Hole, Edward S., London, E. C. 4, England. Adhesive sheet material. 2,379,964; July 10.

Holecek, Alois, Cicero, Ill. Fluorescent desk lamp. 2,382,878; Aug. 14.

Holeproof Hosiery Co.: *See*—
Moyer, John D., assignor.

Holgate Brothers Company: *See*—
Greene, Joseph, assignor.
Townsley, Fredie, assignor.

Holicer, John R., Shreveport, La. Liquefied petroleum gas system. 2,373,683; Apr. 17.

Holicer, John R., Shreveport, La. Method and apparatus for treating and generating liquefied petroleum gas. 2,377,342; June 5.

Holicer, John R., Shreveport, La. Rotary gauge for liquefied petroleum gas tanks. 2,377,343; June 5.

Holicer, John R., Shreveport, La. Method and apparatus for storing, atomizing, and generating liquefied petroleum gases. 2,386,554; Oct. 9.

Hollister, Arthur T., Los Angeles, Calif. Apparatus for making coil springs. 2,369,827; Feb. 20.

Holland Company: *See*—
Holland, Cyrus J., assignor.
Holland, C. J., and Edahl, assignors.

Holland, Cyrus J., Chicago, Ill., assignor to Holland Company. Vehicle spring. 2,387,264; Oct. 23.

Holland, Cyrus J., Chicago, Ill., assignor to Holland Company. Spring for vehicles. 2,387,265; Oct. 23.

Holland, Cyrus J., Chicago, Ill., assignor to Holland Company. Vehicle suspension. 2,387,266; Oct. 23.

Holland, Cyrus J., Chicago, Ill., assignor to Holland Company. Manufacturing volute springs. 2,390,937; Dec. 11.

Holland, Cyrus J., and Knute Edahl, Chicago, Ill., assignors to Holland Company. High-speed railway car truck. 2,387,072; Oct. 16.

Holland Furnace Company: *See*—
Weyenberg, Henry, assignor.

Holland, James J., Philadelphia, Pa. Safety snap catch. 2,377,939; June 12.

Holland, Robert F.: *See*—
Dahlberg, Arthur C., and Holland.

Hollander, Charles S., assignor to Röhm & Haas Company, Philadelphia, Pa. Preparation of α-d-galacturonic acid. 2,370,961; Mar. 6.

Hollander, Klaus P., Montreal, Quebec, Canada. Sewing machine. 2,367,865; Jan. 23.

Hollatz, Arthur C., and R. G. Thomas, Bloomington, Ill., assignors, by mesne assignments, to Eureka Vacuum Cleaner Company, Detroit, Mich. Control for refrigerating systems. 2,390,650; Dec. 11.

Hollerith, Charles, assignor to Hayes Industries, Inc., Jackson, Mich. Brake drum. 2,366,262; Jan. 2.

Hollerith, Charles, assignor to Hayes Industries, Inc., Jackson, Mich. Stem assembly. 2,367,776; Jan. 23.

Hollerith, Charles, assignor to Hayes Industries, Inc., Jackson, Mich. Wheel rim flange and fairing assembly. 2,380,649; July 31.

Hollerith, Charles, assignor to Hayes Industries, Inc., Jackson, Mich. Wheel brake. 2,381,166; Aug. 7.

Hollerith, Charles, assignor to Hayes Industries, Inc., Jackson, Mich. Spacer. 2,386,313; Oct. 9.

Hollerith, Charles, assignor to Hayes Industries, Inc., Jackson, Mich. Right-left nozzle fitting. 2,389,977; Nov. 27.

Holley, Earl, et al.: *See*—
Ensinger, R., and Foote.
Gardner, Dale, assignor.
Holley, George M., Jr., assignor.
Kittler, Milton J., assignor.
Kittler, M., and Ensinger, assignors.
Oliver, Wilbur C., assignor.
Olson, Elmer, assignor.
Olson, E., Beard, and Udale, assignors.
Olson, E., and Udale.
Schorn, Carl F., assignor.
Thompson, R. K., and Dixon, assignors.
Udale, Stanley M.
Udale, Stanley M., assignor.

Holley, George M., et al.: *See*—
Ensinger, R., and Foote, assignors.
Gardner, Dale, assignor.
Holley, George M., Jr., assignor.
Kittler, Milton J., assignor.
Kittler, M., and Ensinger, assignors.
Schorn, Carl F., assignor.
Thompson, R. K., and Dixon, assignors.
Oliver, Wilbur C., assignor.
Olson, Elmer, assignor.
Olson, E., Beard, and Udale, assignors.
Olson, E., and Udale, assignors.
Udale, Stanley M., assignor.

Holley, George M., Jr., Grosse Pointe Woods, Mich., assignor to G. M. and E. Holley. Load and altitude control. 2,367,499; Jan. 16.

Hollingsworth, R. Lee, Riverhead, N. Y., assignor to Radio Corporation of America. Carrier controlled radio receiver. 2,371,392; Mar. 13.

Hollingsworth, R. Lee, Riverhead, N. Y., assignor to Radio Corporation of America. Audio transmission network. 2,379,714; July 3.

Hollingsworth, "R." Lee, Riverhead, N. Y., assignor to Radio Corporation of America. Signaling system. 2,382,567; Aug. 14.

Hollingsworth, "R" Lee, Riverhead, N. Y., assignor to Radio Corporation of America. Spaced wave keying. 2,383,126; Aug. 21.

Hollins, Abraham and J., Brooklyn, N. Y. Fuse assembly. 2,375,472; May 8.

Hollins, Jesse: *See*—
Hollins, Abraham and J.

Hollmann, Hubert, River Forest, Ill., and W. G. Van Voorhis, Columbus, assignors to The Buckeye Traction Ditcher Company, Findlay, Ohio. Excavating machine. 2,368,360; Jan. 30.

Hollos, Zsigmond, New York, N. Y. Mechanical drive mechanism for vehicles. 2,384,092; Sept. 4.

Holloway, Daniel E., assignor to North American Aviation, Inc., Inglewood, Calif. Recoil operated ammunition feed for machine guns. 2,384,746; Sept. 11.

Holloway, John H., Green Bay, Wis. Governor mechanism. 2,373,684; Apr. 17.

Hollowell, Everett L., and M. T. Burk, Des Moines, Iowa. Brake construction. 2,375,415; May 8.

Hollstein, Oswald C.: *See*—
Faust, E. H., and Hollstein, assignors.

Hollstein, Paul, deceased, Carlstadt, by Rutherford Trust Co., administrator, Rutherford, N. J., assignor to J. M. Lehmann Co., Inc., New York, N. Y. Apparatus for treating chocolate and similar materials. 2,383,387; Aug. 21.

Holly Sugar Corporation: *See*—
Sevey, Julius B., assignor.

Holm, Carl B., Roslags-Nasby, Sweden. Regulating nozzle for vaporizing burners. 2,380,759; July 31.

Holm, Sven, Wellsville, assignor to The Air Preheater Corporation, New York, N. Y. Reel type bake oven. 2,385,919; Oct. 2.

Holm, Sven, and J. Vickland, Wellsville, assignors to The Air Preheater Corporation, New York, N. Y. Cooler for oil in journal reservoirs. 2,372,896; Apr. 3.

Holman, Aaron, et al.: *See*—
Wolfers, Philip, assignor.

Holman, Arthur J., Brighton, N. Y. Lens blank and lap mounting for precision lens generating mechanisms. 2,377,344; June 5.

Holman, Arthur J., Brighton, N. Y. Spherical surface generating device. 2,381,449; Aug. 7.

Holman, Horace, Surajpur, India. Device or means for supporting the ropes or cables of aerial ropeways or the like. 2,378,081; June 12.

Holmberg, Gustav D., and L. W. Foster, Pittsfield, Mass., assignors to General Electric Company. Electric induction apparatus. 2,372,950; Apr. 3.

Holmblad, Carl A., Flushing, N. Y., and W. England, Atlanta, Ga. Mailing envelope and insert. 2,383,652; Aug. 28.

Holmen, Reynold E., Lansdowne, Pa., and R. A. McGlone, Flint, Mich., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Photographic transfer paper. 2,384,093; Sept. 4.

Holmes, August, Cranford, N. J., assignor, by mesne assignments, to Standard Catalytic Company. Adhesivity of asphalts. 2,375,653; May 8.

Holmes, August, Cranford, N. J., assignor, by mesne assignments, to Standard Catalytic Company. Making cellular asphaltic insulation material. 2,387,514; Oct. 23.

Holmes, August, Cranford, N. J., and J. C. Roediger, Brooklyn, N. Y., assignors by mesne assignments, to Standard Catalytic Company. Building blocks. 2,386,163; Oct. 2.

Holmes, Charles D., and Company, Limited: *See*—
Pilkington, Francis S., assignor.

Holmes, Donald C., Blawnox, and L. V. Guild, assignors to Burrell Technical Supply Company, Pittsburgh, Pa. Volumeter. 2,371,995; Mar. 20.

Holmes, Elbridge R., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Tension for narrow ware shuttles. 2,391,314; Dec. 18.

Holmes, George E., Dearborn, Mich. Fuse plug. 2,383,484; Aug. 28.

Holmes, Gifford I., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Two stage control instrument. 2,374,097; Apr. 17.

Holmes, Gifford I., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Valve. 2,387,792; Oct. 30.

Holmes, Gifford I., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Valve. 2,387,793; Oct. 30.

Holmes, Gordon C., Los Angeles, Calif. Treating magnesian ores and minerals. 2,381,053; Aug. 7.

Holmes, Harleigh R., Jr.: *See*—
Holmes, H. R., H. R., Jr., and L. E.

Holmes, Harleigh R., H. R., Jr., and L. E., Littleton, Colo. Snow plow. 2,376,250; May 15.

Holmes, Harrison H., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Propellant smokeless powder. 2,385,135; Sept. 18.

Holmes, Henry H.: *See*—
Wildt, E., Holmes, and Widdowson.

Holmes, Henry H., Leicester, England., assignor to Wildt and Company Limited. Circular knitting machine. 2,391,625; Dec. 25.

Holmes, Henry H., and J. C. H. Hurd, Leicester, England, assignor to Wildt and Company Limited. Circular knitting machine. 2,386,314; Oct. 9.

Holmes, Herbert G., Lansing, Mich., assignor to Food Machinery Corporation, San Jose, Calif. Wheel aligner. 2,378,631; June 19.

Holmes, Herbert G., Lansing, Mich., assignor to Food Machinery Corporation, San Jose, Calif. Testing the dynamic balance of wheels. 2,380,108; July 10.

Holmes, Henry H., and J. C. H. Hurd, assignors to Wildt and Company, Limited, Leicester, England. Knitting machine of the links and links type. 2,366,405; Jan. 2.

Holmes, Henry H., and A. H. Widdowson, assignors to Wildt and Company Limited, Leicester, England. Yarn feeding and changing mechanism for knitting machines. 2,375,473; May 8.

Holmes, Henry H., and A. H. Widdowson, assignors to Wildt and Company Limited, Leicester, England. Knitted fabric. 2,375,474; May 8.

Holmes, Henry H., and J. C. H. Hurd, assignors to Wildt and Company Limited, Leicester, England. Circular independent latch needle knitting machine. 2,375,475; May 8.

Holmes, Henry H., and A. H. Widdowson, assignors to Wildt and Company Limited, Leicester, England. Knitting machine. 2,385,081; Sept. 18.

Holmes, Lee E.: *See*—
Holmes, H. H., H. R., Jr., and L. E.

Holmes, Louis D., Blue Island, assignor to Whiting Corporation, Harvey, Ill. Vehicle washing apparatus. 2,381,054; Aug. 7.

Holmes, Louis W., assignor of one-third to A. M. Johnson and one-third to A. A. Rogers, Minneapolis, Minn. Nail and applying the same. 2,373,311; Apr. 10.

Holmes, Morris P., Claremont, N. H., assignor to Jones & Lamson Machine Company, Springfield, Vt. Two-speed drive mechanism. 2,390,589; Dec. 11.

Holmes, Morris P., Claremont, N. H., assignor to Jones & Lamson Machine Company, Springfield, Vt. Hydraulic device. 2,390,590; Dec. 11.

Holmes, Ray D.: *See*—
Poffenberger, N., and Holmes.

Holmes, Robert L., Roselle, N. J., assignor, by mesne assignments, to Jasco, Incorporated. Producing high molecular weight iso-olefin polymers. 2,384,916; Sept. 18.

Holmes, Verne L., Los Angeles, Calif. Overhead door. 2,388,654; Nov. 6.

Holmes, Walter C.: *See*—
Burrows, L. A., Holmes, and Spaeth.

Holmgren, Eric A., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine for assembling uppers and their lasts. 2,375,788; May 15.

Holmgren, Eric A., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Lasting machine. 2,385,414; Sept. 25.

Holmgren, Eric A., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Work support. 2,386,397; Oct. 9.

Holmgren, Gustave: *See*—
Tator, K., and Gustave.

Holmgren, Viking R., Lynn, Mass., assignor to General Electric Company. Collector ring assembly. 2,371,996; Mar. 20.

Holmstrom, John G., assignor to Kenworth Motor Truck Corporation, Seattle, Wash. Remote control for variable speed transmissions. 2,390,711; Dec. 11.

Holo-Krome Screw Corporation, The: *See*—
Purtell, William A., assignor.

Holophane Company, Inc.: *See*—
Franck, Kurt, assignor.
Harris, Samuel J., assignor.
Rolph, Thomas W., assignor.

Holroyd, Howard B., Davenport, Iowa. Link. 2,388,690; Nov. 13.

Holsinger, Chester: *See*—
Reilly, F. E., and Holsinger.

Holslag, Claude J., South Orange, assignor to Electric Arc, Inc., Newark, N. J. Alternating current regulating means. 2,387,327; Oct. 23.

Holst, Johan W.: *See*—
Asplun, A. J. A., and Holst.

Holst, Paul F. G., and L. R. Kirkwood, Oaklyn, N. J., assignors to Radio Corporation of America. Frequency modulated carrier wave receiver. 2,367,352; Jan. 16.

Holst, Paul F. G., and L. R. Kirkwood, Oaklyn, N. J., assignor to Radio Corporation of America. Frequency modulation receiver intensity indicator. 2,388,544; Nov. 6.

Holst, Torsten G., Ornskoldsvik, Sweden. Producing chlorine dioxide. 2,373,830; Apr. 17.

Holst, William H., Tamaqua, Pa., assignor to Atlas Powder Company, Wilmington, Del. Electrical conducting composition. 2,372,829; Apr. 3.

Holst, William H., Tamaqua, Pa., assignor to Atlas Powder Company, Wilmington, Del. Plasticizers and plasticized compositions. 2,387,662; Oct. 23.

Holste, Merrill R., St. Paul, Minn. Apparatus for equalizing the light intensity of a field of view including the sun and adjacent space. 2,379,153; June 26.

Holstein, Frederick W., Westfield, N. J. Combination sliding and rolling light screen. 2,384,377; Sept. 4.

Holstein, Frederick W., Westfield, N. J., assignor to The Rails Company, New Haven, Conn. Adjustable resilient rail fastening. 2,386,315; Oct. 9.

Holstein, John H., Baltimore, Md., assignor to Goodman Manufacturing Company, Chicago, Ill. Self-loading device for shaker conveyers. Re. 22,703; Dec. 11.

Holston, Samuel C., assignor to The Liebel-Flarsheim Company, Cincinnati, Ohio. Drawer slide and latch construction. 2,372,951; Apr. 3.

Holt, Edman F.: *See*—
Carlson, C. F., Holt, and Huddleston.

Holt, Grover J., St. Paul, Minn., assignor to Minerals Beneficiation, Incorporated, Joplin, Mo. Concentrating minerals. 2,368,416; Jan. 30.

Holt, Guild R.: *See*—
Pond, W. B., and Holt.

Holt, Pliny G., U. S. Navy. Gyroscopic instrument and indicator therefor. 2,368,221; Jan. 30.

Holtan, Helen M.: *See*—
Foulke, T. E., and Holtan.

Holthouse, Harry B., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Heating and ventilating system. 2,372,897; Apr. 3.

Holthouse, Harry B., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Heater. 2,374,203; Apr. 24.

Holthouse, Harry B., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Engine operated burner. 2,381,594; Aug. 7.

Holthouse, Harry B., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Control system. 2,384,468; Sept. 11.

Holthouse, Harry B., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Heater. 2,384,836; Sept. 18.

Holthouse, Harry B., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Heating system. 2,386,115; Oct. 2.

Holtman, Charles W., Dayton, Ohio. Spring clevis. 2,371,171; Mar. 13.

Holton, Edward C., Los Angeles, assignor to North American Aviation, Inc., Inglewood, Calif. Machine gun case and link ejection chute. 2,384,678; Sept. 11.

Holton, Gerald J., New York, N. Y. Determining the characteristics of piezoelectric crystals. 2,374,543; Apr. 24.

Holtz, Louis M., Chicago, Ill. Work support for lathes. 2,381,956; Aug. 14.

Holtz, Louis M., Chicago, Ill. Grinding device. 2,384,917; Sept. 18.

Holtz, Roymand F., Canonsburg, assignor to Edward W. Voss, Dormont, Pa. Roller leveler. 2,391,419; Dec. 25.

Holtzclaw, Grover B., Charlotte, N. C., assignor to Parks-Cramer Company, Fitchburg, Mass. Atomizer for liquid under pressure. 2,384,679; Sept. 11.

Holtvoight, John H., assignor to The Dolly Toy Company, Tipp City, Ohio. Basket. 2,374,153; Apr. 17.

Holub, James C.: *See*—
Baker, D. B., Holub, and Nickla.

Holwick, Earl E., Laguna Beach, Calif. Container and closure cap. 2,368,836; Feb. 6.

Holz, Frank, Cleveland, Ohio. Blast furnace process. 2,373,244; Apr. 10.

Holzworth, Laurlene T., et al.: *See*—
Du Bois, Joseph E., assignor.

Homan, Walter, and R. S. Hull, assignors to The National Cash Register Company, Dayton, Ohio. Measuring device. 2,383,550; Aug. 28.

Homberger, Robert E.: *See*—
Whitaker, R., Myers, and Homberger.

Homer, Joseph, Los Angeles, Calif. Ray sight and film holder for X-ray machines. 2,382,484; Aug. 14.

Homer Laughlin China Company, The: *See*—
Emerson, Walter H., assignor.

Homeyer, August H.: *See*—
Wallingford, V. H., and Homeyer.

Hommel, Ernest M., et al., executors: *See*—
Hommel, Oscar.

Hommel, O., Company, The: *See*—
Hommel, Oscar, assignor.

Hommel, Oscar, deceased, by E. M. Hommel, E. H. Goldstein, and The Union Trust Company of Pittsburgh, executors, assignors to The O. Hommel Company, Pittsburgh, Pa. Enamelware making. 2,385,573; Sept. 25.

Homrighausen, William F., Monterey Park, Calif. Seat attachment for crutches. 2,380,437; July 31.

Homrighous, John H., Oak Park, Ill. Method and system for controlling radio and television receivers at a distance. 2,369,783; Feb. 20.

Homrighous, John H., Oak Park, Ill. Remote control system. 2,382,055; Aug. 14.

Honan-Crane Corporation: *See*—
Harms, H. H., and Harlan, assignors.

Honegger, John A., assignor to Kidde Manufacturing Co., Inc., Bloomfield, N. J. Toolholding attachment for lathes. 2,378,923; June 26.

Honegger, John A., Bloomfield, and A. W. Keeshan, Belleville, assignors to Kidde Manufacturing Co., Inc., Bloomfield, N. J. Inflation unit for inflatable flotation device. 2,378,924; June 26.

Honerkamp, Friedrich: *See*—
Kurth, F. J., and Honerkamp.
Kurth, F. J., Honerkamp, Poeten, and Kunen.

Honerkamp, Friedrich, F. J. Kurth, and M. Serre, New York, N. Y., assignors to Anemostat Corporation of America. Air outlet device. 2,372,830; Apr. 3.

Hönger, Guido, Geneva, assignor to Mefina S. A., Binningen, Switzerland. Spring arrangement for time fuses. 2,384,252; Sept. 4.

Honhart, Jack C., Detroit, Mich. Brush holder and combination tool. 2,368,988; Feb. 6.

Honig, Morris, Bronx, N. Y. Extensible fire ladder and elevator. 2,376,875; May 29.

Honorary Advisory Council for Scientific and Industrial Research, The: *See*—
Griffith, Thomas R., assignor.
Reid, Wilfred T., assignor.

Honyoust, John, Alexandria, Va. Drilling jig scale and clamp. 2,367,582; Jan. 16.

Honza, Charles R., Bethel, Kans. Coin display holder. 2,389,312; Nov. 20.

Hoo, Earling, Excelsior, Minn. Field artillery aiming stake. 2,385,278; Sept. 18.

Hoobler, Ernest S., assignor of one-fourth to M. Hoobler, one-eighth to R. J. Oyler, one-eighth to G. E. Oyler, one-eighth to W. E. Oyler, and one-eighth to R. Oyler, Canton, Ohio. Tractor and trailer construction. 2,373,398; Apr. 10.

Hoobler, Marie, et al.: *See*—
Hoobler, Ernest S., assignor.

Hood, Andrew, Llanwrda, Wales. Pile casing. 2,391,828; Dec. 25.

Hood, Arthur J., Reno, Nev. Surgical cast cutter. 2,375,364; May 8.

Hood, Charles E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shank reducing machine. 2,373,758; Apr. 17.

Hood, Dayton I., Spokane, Wash. Differential steering mechanism. 2,378,082; June 12.

Hood, E. Elliot, Elmira, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Variable-speed gearing for washing machines. 2,387,216; Oct. 16.

Hood, Harrison P., assignor to Corning Glass Works, Corning, N. Y. Eye-protecting glasses. 2,378,769; June 19.

Hood, Harrison P., assignor to Corning Glass Works, Corning, N. Y. Glass transparent to far ultraviolet. 2,382,056; Aug. 14.

Hood, Harrison P., assignor to Corning Glass Works, Corning, N. Y. Making glass. 2,386,685; Oct. 9.

Hood, James D.: *See*—
Rubidge, D. W., Manning, Hood, and Greene.

Hood, James D., Endwell, assignor to International Business Machines Corporation, New York, N. Y. Record sensing means. 2,377,783; June 5.

Hood, John M., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Permanent finish for textiles. 2,371,892; Mar. 20.

Hood, John M., Riverside, Conn., assignor to American Cyanamid Company, New York, N. Y. Textile finishing composition. 2,376,595; May 22.

Hood, Robert L., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Photoelectric recording system. 2,376,311; May 15.

Hood, Robert L., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Photoelectric controlling or recording system. 2,379,233; June 26.

Hooe, Hunter E.: *See*—
Mehan, T. O., and Hooe, assignors.

Hoof, Addison C., deceased, Hinsdale, Ill.; F. A. Hoof, H. C. Kepner, and W. Eckert, executors. Hydraulic valve. 2,371,293; Mar. 13.

Hoof, Frances, et al., executors: *See*—
Hoof, Addison C.

Hoof Products Company: *See*—
Seymour, Clayton B., assignor.
Trich, Henry C., assignor.

Hook, Charles H., Pittsburgh, Pa. Reversible tap holder. 2,375,554; May 8.

Hook, Christopher, Limuru, Kenya Colony, British East Africa. Craft of the hydroplane type. 2,387,907; Oct. 30.

Hook, Edwin O.: *See*—
Dean, R. T., and Hook.
Sperry, R. L., and Hook.

Hooker, Charles L., Jr., and J. W. Staley, Brewster, Fla., said Staley assignor to said Hooker, Jr. Apparatus for separating solids from liquids. 2,378,632; June 19.

Hooker Electrochemical Company: *See*—
Friedel, Howard H., assignor.
Maude, Aylmer H., assignor.
Means, Dwight R., assignor.
Osborne, Sidney G., assignor.
Sconce, James S., assignor.
Sconce, J. S., Rucker, Whitmire, and Schoonover, assignors.
Stuart, Kenneth E., assignor.

Hooker, George W., L. R. Drake, and S. C. Stowe, assignors to The Dow Chemical Company, Midland, Mich. Sulphur dioxide recovery method. 2,368,545; Jan. 30.

Hooker, George W., and S. C. Stowe, assignors to The Dow Chemical Company, Midland, Mich. Decomposition of diolefin sulphones. 2,373,563; Apr. 10.

Hooker, George W., and F. A. Landee, assignors to The Dow Chemical Company, Midland, Mich. Separation of sulphur dioxide and low-boiling hydrocarbons from mixtures thereof. 2,384,378; Sept. 4.

Hooker, George W., S. C. Stowe, and L. R. Drake, assignors to The Dow Chemical Company, Midland, Mich. Recovering sulphur dioxide. 2,385,704; Sept. 25.

Hooper, F. X., Company, Inc.: *See*—
Fitchett, Thomas S., assignor.

Hooper, Harry W.: *See*—
Clark, A. A., and Hooper.

Hooper, Ray L., Brevard, N. C., assignor to Ecusta Paper Corporation. Drying apparatus. 2,385,809; Oct. 2.

Hooper, William E., & Sons Company: *See*—
Santos, John R. L., assignor.

Hoopes, Penrose R., Philadelphia, Pa. Pump. 2,383,194; Aug. 21.

Hoosier Cardinal Corporation: *See*—
Bauer, Charles A., assignor.

Hooton, Claude E., et al.: *See*—
Clyburn, Andrew D., assignor.

Hooven, Frederick J., Dayton, assignor to The Brush Development Company, Cleveland, Ohio. Timing device. 2,370,166; Feb. 27.

Hoover Company, The: *See*—
Beach, Justice H., assignor.
Becker, Bernard C., assignor.
Berg, Quentin, assignor.
Brace, George A., assignor.
Coons, Curtis C., assignor.
Gerber, Dale C., assignor.
Gerber, D. C., and Osborn, assignors.
Gross, Alfred G., assignor.
Kitto, William H., assignor.
Nelson, Rudolph S., assignor.
Osborn, Ralph C., assignor.
Puchy, Clarence G., assignor.
Schug, Howard L., assignor.
Snyder, Eugene L., assignor.
Stahl, Maurice D., assignor.
Stoner, Thomas A., assignor.
Sutton, Otis B., assignor.
Taylor, Charles H., assignor.
White, Harry B., assignor.

Hoover, Daniel S.: *See*—
Gifford, C. E., and Hoover.

Hoover, Dillon B., Swissvale, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Alternating and direct-current generator. 2,379,154; June 26.

Hoover, Fred W.: *See*—
Burke, W. J., and Hoover.

Hoover, Fred W., and G. T. Vaala, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Resinous compositions. 2,371,927; Mar. 20.

Hoover, Fred W., and G. T. Vaala, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Ethyleneurea derivatives. 2,373,136; Apr. 10.

Hoover, Herbert, Jr., Sierra Madre, assignor, by mesne assignments, to United Geophysical Company, Pasadena, Calif. Apparatus for recording seismic waves. 2,374,204; Apr. 24.

Hoover, Vaino A., Los Angeles, Calif., and T. Barish, University Park, assignors to Engineering and Research Corporation, Riverdale, Md. Indicator for variable pitch propellers. 2,370,167; Feb. 27.

Hoover, Walter S., Montreal, Quebec, Canada. Hydraulic transmitter receiver propeller control. 2,379,301; June 26.

Hoover, Walter S., Montreal, Quebec, Canada. Variable pitch propeller. 2,379,302; June 26.

Hope, John A.: *See*—
Lear, E. B., and Hope.

Hope-Johnson, Bertie, Jr., Saskatoon, Saskatchewan, Canada. Collapsible trailer house. 2,380,045; July 10.

Hopkins, Alfred: *See*—
Drum, H. S., and Hopkins.

Hopkins, Arthur C., assignor to Artomatic Machinery Corp., Tupper Lake, N. Y. Road sanding apparatus. 2,368,470; Jan. 30.

Hopkins, David W., Philadelphia, Pa. Solenoid trip butterfly valve. 2,362,720; Aug. 14.

Hopkins, David W., Philadelphia, Pa. Three-way valve. 2,383,861; Aug. 28.

Hopkins, David W., Philadelphia, Pa. Declutching devices for power-driven butterfly valves. 2,390,882; Dec. 11.

Hopkins, George H.: *See*—
Russell, K. F., and Hopkins.

Hopkins, Harris F., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Distant talking loud-speaker telephone system. 2,385,279; Sept. 18.

Hopkins, Harry J., assignor to Acme Visible Records, Inc., Chicago, Ill. Visible index or record strip. 2,385,082; Sept. 18.

Hopkins, James H., and E. H. Kendall, Alliance, Ohio. Automatic ingot tongs. 2,382,227; Aug. 14.

Hopkins, Joe T., Washington, Ga. Tractor plow construction. 2,369,353; Feb. 13.

Hopkins, Nevil M., New York, N. Y.; R. B. Hopkins, executor of said N. M. Hopkins, deceased. Filling containers with explosive mixtures. 2,385,810; Oct. 2.

Hopkins, Nevil M., deceased, New York, N. Y.; R. B. Hopkins, executor. Protecting ships at sea. 2,386,950; Oct. 16.

Hopkins, Raymonde B., executor: *See*—
Hopkins, Nevil M.

Hopkins, Robert C., Alliance, Ohio. Two stage rotary mill. 2,377,496; June 5.

Hopkins, Robert C., Alliance, Ohio. Air controlled fuel burner. 2,377,497; June 5.

Hopkins, Robert K., assignor to The M. W. Kellogg Company, New York, N. Y. Apparatus for producing metal bodies. 2,367,123; Jan. 9.

Hopkins, Robert K., assignor to The M. W. Kellogg Company, New York, N. Y. Method and apparatus for producing metal. 2,369,233; Feb. 13.

Hopkins, Robert K., assignor to The M. W. Kellogg Company, New York, N. Y. Metal fusing apparatus and method. 2,370,467; Feb. 27.

Hopkins, Robert K., assignor to The M. W. Kellogg Company, New York, N. Y. Apparatus for the manufacture of alloy bodies. 2,371,294; Mar. 13.

Hopkins, Robert K., assignor to The M. W. Kellogg Company, New York, N. Y. Tipping projectiles. 2,373,245; Apr. 10.

Hopkins, Robert K., assignor to The M. W. Kellogg Company, New York, N. Y. Method and apparatus for the continuous production of metal. 2,375,107; May 1.

Hopkins, Robert K., assignor to The M. W. Kellogg Company, New York, N. Y. Conditioning metal ingot molds. 2,375,108; May 1.

Hopkins, Robert K., assignor to The M. W. Kellogg Company, New York, N. Y. Method and apparatus for casting metal bodies. 2,380,109; July 10.

Hopkins, Robert K., assignor to The M. W. Kellogg Company, New York, N. Y. Method and apparatus for producing cast metal bodies. 2,380,238; July 10.

Hopkins, Robert K., assignor to The M. W. Kellogg Company, New York, N. Y. Apparatus for producing metal bodies. 2,385,136; Sept. 18.

Hopkins, Robert K., assignor to The M. W. Kellogg Company, New York, N. Y. Method and apparatus for producing metal bodies. 2,385,206; Sept. 18.

Hopkins, Robert K., assignor to The M. W. Kellogg Company, New York, N. Y. Apparatus for producing metal bodies. 2,385,989; Oct. 2.

Hopkins, Robert K., assignor to The M. W. Kellogg Company, New York, N. Y. Casting metal. 2,388,974; Nov. 13.

Hopkins, Robert L., Norfolk, Va. Snap fastener. 2,371,295; Mar. 13.

Hopkinson, Oliver W., Jr., Newark, and P. B. Tully, Bloomfield, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Photoflash lamp. 2,367,583; Jan. 16.

Hopmans, Arthur H., Paulding, Ohio. Hydraulic transmission system. 2,385,625; Sept. 25.

Hopp, Harold P., Englewood, N. J., and E. Kunzelman, Mount Vernon, assignors to H. K. Metal Craft Manufacturing Co., New York, N. Y. Multiple chain ladder. 2,370,728; Mar. 6.

Hoppe, Arnold F., New Castle, Ind. Governor. 2,372,274; Mar. 27.

Hoppe, Charles W., Buffalo, N. Y. Collet chuck. 2,370,729; Mar. 6.

Hopper, Floyd, Paterson, N. J. Stripping machine. 2,390,369; Dec. 4.

Hopper, James B., Lodi, Calif. Injector. 2,386,465; Oct. 9.

Hopper, Oscar B., Long Beach, Calif. Arc welding device. 2,390,149; Dec. 4.

Hopping, John E., Dayton, assignor to Central National Bank of Cleveland, Cleveland, Ohio, trustee. Ticket printing and issuing machine. 2,370,730; Mar. 6.

Hopwood, John A., Great Neck, N. Y., assignor to Hopwood Retinning Co., Inc., Jersey City, N. J. Venting milk cans. 2,371,296; Mar. 13.

Hopwood Retinning Co., Inc.: *See*—
Hopwood, John A., assignor.

Horak, Gustave J., Penn Run, assignor to Aluminum Company of America, Pittsburgh, Pa. Apparatus for spinning tubular articles. 2,388,545; Nov. 6.

Horan, Frank T., Scotia, N. Y., assignor to General Electric Company. Alarm system. 2,368,471; Jan. 30.

Horan, John J., Buffalo, N. Y. Fuse. 2,388,691; Nov. 13.

Horan, Timothy F., New Haven, Conn. Hammer mechanism for firearms. 2,391,237; Dec. 18.

Horback, William, Newark, and W. D. Paist, Orange, N. J., assignors to Celanese Corporation of America. Treatment of plastic materials. 2,366,788; Jan. 9.

Horback, William, Newark, N. J., assignor to Celanese Corporation of America. Materials impermeable to ultra-violet light. 2,386,855; Oct. 16.

Horback, William, Newark, N. J., assignor to Celanese Corporation of America. Polystyrene sheet material. 2,391,092; Dec. 18.

Horeczy, Joseph T., Baytown, Tex., assignor to Standard Oil Development Company. Purification of motor fuel components. 2,377,081; May 29.

Horham, Charles M., Lincoln, Nebr. Electrical testing equipment. 2,366,789; Jan. 9.

Horlacher, Albert F., Palatine, assignor to C. P. Clare & Co., Chicago, Ill. Rotor for electric motors. 2,387,073; Oct. 16.

Horlacher, Albert F., Palatine, Ill., assignor to Automatic Electric Laboratories, Inc. Push button. 2,389,259; Nov. 20.

Hörler, Elsa, Barcelona, Spain. Textile article and the manufacture thereof. 2,366,856; Jan. 9.

Horman, Alfred E., New York, N. Y. Woodworking machine carriage. 2,383,195; Aug. 21.

Horman, John H., Tuckahoe, assignor, by mesne assignments, to Smaller War Plants Corporation, New York, N. Y. Switch control mechanism. 2,385,626; Sept. 25.

Horman, John H., Tuckahoe, assignor, by mesne assignments, to Smaller War Plants Corporation, New York, N. Y. Relay. 2,385,858; Oct. 2.

Horman, John H., Tuckahoe, assignor, by mesne assignments, to Allied Control Company, Inc., New York, N. Y. Snap switch. 2,391,238; Dec. 18.

Hormel, Geo. A., & Co.: *See*—
Hormel, Jay C., assignor.

Hormel, Jay C., assignor to Geo. A. Hormel & Co., Austin, Minn. Preservation of biological materials and products resulting therefrom. 2,388,917; Nov. 13.

Hormes, William T., Catonsville, Md. Unit container. 2,367,124; Jan. 9.

Horn, Charles L.: *See*—
Reed, Cortes F., assignor.

Horn, Josef: *See*—
Schade, A., and Horn.

Horn, Lee V., West Los Angeles, assignor to Filtrol Corporation, Los Angeles, Calif. Extruding acid-activated montmorillonite clay. 2,391,050; Dec. 18.

Horn, Merl E.: *See*—
May, J. W., Stuellein, and Horn.

Horn, William D.: *See*—
Stanton, Frank N., assignor.

Hornaday, James R.: *See*—
Kuhn, A. J., Alexander, and Hornaday.

Hornbarger, Earl H.: *See*—
Schaelchlin, W., and Hornbarger.

Hornberger, Eugene A., North Berger, N. J. Toy. 2,373,957; Apr. 17.

Hornbostel, Lloyd: *See*—
Berry, E. E., and Hornbostel.

Hornbostel, Lloyd, assignor to Beloit Iron Works, Beloit, Wis. Winder. 2,367,777; Jan. 23.

Hornbostel, Lloyd, assignor to Beloit Iron Works, Beloit, Wis. Papermaking machine. 2,367,778; Jan. 23.

Hornbostel, Lloyd, assignor to Beloit Iron Works, Beloit, Wis. Couch roll arrangement for paper machines. 2,369,674; Feb. 20.

Hornbostel, Lloyd, assignor to Beloit Iron Works, Beloit, Wis. Stock distributor. 2,371,692; Mar. 20.

Hornbostel, Lloyd, and E. E. Berry, assignors to Beloit Iron Works, Beloit, Wis. Stock inlet. 2,381,286; Aug. 7.

Hornbrook, Lester H.: *See*—
Cullman, O., Hornbrook, and Wienke.

Hornbrook, Philip R., Allentown, assignor to Fuller Company, Catasauqua, Pa. Car unloader nozzle. 2,378,553; June 19.

Hornbrook, Philip R., Allentown, assignor to Fuller Company, Catasauqua, Pa. Conveying apparatus. 2,380,310; July 10.

Hornbrook, Philip R., Allentown, assignor to Fuller Company, Catasauqua, Pa. Conveying apparatus. 2,380,311; July 10.

Horne, Robert: *See*—
Broudy, Albert M., assignor.

Horner, Kenneth, Chicago, and L. Hiltman, Palos Heights, assignors to S. Karpen & Bros., Chicago, Ill. Seat. 2,372,495; Mar. 27.

Horni, Paul P., Newark, N. J. Determining the effective range of magnetic detectors. 2,378,014; June 12.

Hornickel, Herman C., Fair Haven, N. J. Microphone circuit. 2,380,438; July 31.

Horning, Raymond: *See*—
Wilcox, I. L., and Horning.

Hornschuch, Hanns, Easton, Pa., assignor to Ingersoll-Rand Company, New York, N. Y. Packing device. 2,372,423; Mar. 27.

Hornschuch, Hanns, Easton, Pa., assignor to Ingersoll-Rand Company, New York, N. Y. Sealing device. 2,383,862; Aug. 28.

Hornstein, Morton, assignor to Breslee Mfg. Company, New York, N. Y. Threading device. 2,373,958; Apr. 17.

Hornstein, Morton, assignor to Breslee Mfg. Company, New York, N. Y. Apparatus for producing V-reenforcements. 2,382,057; Aug. 14.

Horowitz, Henry L., et al.: *See*—
Horowitz, Nathan, assignor.

Horowitz, Nathan, Brooklyn, assignor of twenty-five per cent to H. L. Horowitz, Bronx, and twenty-five per cent to P. Fleischer, New York, and twenty-five per cent to A. Smolovit, Brooklyn, N. Y. Animal trap. 2,387,328; Oct. 23.

Horowitz, Oskar, Brooklyn, N. Y., assignor to Shanda Laboratories Incorporated, West New York, N. J. Soldering fluxes. 2,379,234; June 26.

Horr, John V., North Tarrytown, assignor to Einson-Freeman Co., Inc., Long Island City, N. Y. Navigational training aid. 2,373,959; Apr. 17.

Horr, John V., North Tarrytown, assignor to Einson-Freeman Co., Inc., Long Island City, N. Y. Blinker signaling device. 2,377,345; June 5.

Horr, John V., North Tarrytown, assignor to Einson-Freeman Co., Inc., Long Island City, N. Y. Blinker signaling device. 2,377,346; June 5.

Horr, John V., North Tarrytown, assignor to Einson-Freeman Co., Inc., Sextant. 2,378,770; June 19.

Horr, John V., North Tarrytown, assignor to Einson-Freeman Co., Inc., Long Island City, N. Y. Display device. 2,389,511; Nov. 20.

Horrigan, Joseph R., Houston, Tex. Pipe bending equipment. 2,371,393; Mar. 13.

Horsley, Lee H.: *See*—
Nutting, H. S., and Horsley.

Horsrud, Ole, Fox River Grove, assignor to Sears, Roebuck and Co., Chicago, Ill. Gun mechanism. 2,376,358; May 22.

Horswell, Alfred H.: *See*—
Bahney, L. W., and Horswell.

Hortex Manufacturing Company: *See*—
Horwitz, Louis, assignor.

Horth, Bertrand D., assignor to Aber Engineering Works Incorporated, Waterford, Wis. Side milling cutter. 2,381,540; Aug. 7.

Horton, Aaron W., Thorofare, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Secondary chlorides of neohexane. 2,385,444; Sept. 25.

Horton, Erwin C.: *See*—
Oishei, J. R., and Horton.
Rappl, A., and Horton.

Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Electropneumatic window control. 2,366,790; Jan. 9.

Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Gauge. 2,382,633; Aug. 14.

Horton, Frank J., Detroit, Mich. Sea scooter. 2,379,526; July 3.

Horton, Frank J., Detroit, assignor to No-Sag Spring Company, Macomb County, Mich. Spring bending machine. 2,389,055; Nov. 13.

Horton, John W.: *See*—
Heyer, B. F. W., Dalzell, and Horton.

Horton, Roger F., Hemptstead, N. Y. Dual ignition system. 2,367,023; Jan. 9.

Horvath, Anthony G.: *See*—
Eickmeyer, E. E., Horvath, and Zumbrink.

Horvath, Joseph, Jr.: *See*—
Wade, E. J., and Horvath.

Horvitz, Leo, Houston, Tex. Gas analysis. 2,376,145; May 15.

Horvitz, Leo, assignor to E. E. Rosaire, Houston, Tex. Geochemical prospecting. 2,370,793; Mar. 6.

Horvitz, Leo, assignor to E. E. Rosaire, Houston, Tex. Geochemical well-logging. 2,374,937; May 1.

Horwedel, Charles R., Lakewood, and W. J. Resch, East Cleveland, Ohio, assignors to The American Steel and Wire Company. Electrolytically polishing stainless steel. 2,381,167; Aug. 7.

Horwitz, Louis, assignor to Hortex Manufacturing Company, El Paso, Tex. Pocket construction. 2,391,239; Dec. 18.

Hosack, Gerald C., Pensacola, Fla. Automatic sculling oar lock. 2,382,721; Aug. 14.

Hosbein, Louis H., Glencoe, Ill., and L. Ellman, Pittsburgh, Pa., assignors to M. H. Detrick Company, Chicago, Ill. Furnace arch or roof construction. 2,387,663; Oct. 23.

Hose, Robert H., Mountainside, and E. W. Niles, Bloomfield, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Card and picture frame. 2,387,584; Oct. 23.

Hosiery Patents Inc.: *See*—
Weisbecker, Frank G., assignor.

Hosking, Oakley W., Monroe, N. Y. Valve stem. 2,390,026; Nov. 27.

Hosking, Richard T., Wilmette, assignor to H. R. Hough Company, Chicago, Ill. Lock-nut. 2,370,352; Feb. 27.

Hoskins, Edmund E., assignor to Consolidated Engineering Corporation, Pasadena, Calif. Mass spectrometry. 2,374,205; Apr. 24.

Hoskins, Edmund E., and R. M. Moore, assignors, by mesne assignments, to United Geophysical Company, Pasadena, Calif. Seismic prospecting system. 2,378,925; June 26.

Hoskins, Edmund E., and R. V. Langmuir, assignors to Consolidated Engineering Corporation, Pasadena, Calif. Mass spectrometer. 2,380,439; July 31.

Hossenlopp, Arthur M.: *See*—
Crowley, H. L., and Hossenlopp.

Hosten, Edward R.: *See*—
Kelliher, Charles, assignor.

Hotchkin, James R., Short Hills, assignor to The Palnut Company, Irvington, N. J. Self-locking nut. 2,381,352; Aug. 7.

Hotchkiss, Charles N.: *See*—
Carlson, G. H., and Hotchkiss.

Hotchkiss, Clifford, assignor to Perfex Corporation, Milwaukee, Wis. Stoker control apparatus. 2,385,811; Oct. 2.

Hotchkiss, E. H., Company, The: *See*—
Paul, John A., assignor.

Hotchner, Fred, Los Angeles, Calif. Illuminated motion display. 2,371,172; Mar. 13.

Hotchner, Fred, Los Angeles, Calif. Luminous display with effect of animation. 2,389,911; Nov. 27.

Hotham, John W.: *See*—
Jones, C. E. P., and Hotham.

Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Container. 2,371,173; Mar. 13.

Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Making fiber container parts. 2,380,440; July 31.

Hotine, William, Bayville, N. Y., assignor to Federal Telephone & Radio Corporation. High frequency circuit structure. 2,379,439; July 3.

Hotstream Heater Company, The: *See*—
Crew, Morris W., and Short, assignors.
Morrow, Clarence H., assignor.

Houdaille-Hershey Corporation: *See*—
Chisholm, Harry L., Jr., assignor.
Fergueson, Arthur P., assignor.
Fergueson, A. P., and Schatzman, assignors.
Hufferd, George H., assignor.
Jandus, Herbert S., assignor.
Johnson, Bernard C., assignor.
Magrum, G. M., and O'Connor.
O'Connor, Bernard E., assignor.
Schatzman, G. W., and Fergueson, assignors.
Sebok, Joseph B., assignor.

Houdry, Eugene J., Ardmore, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Operation of catalytic plants. 2,387,267; Oct. 23.

Houdry, Eugene J., Ardmore, and R. W. Blue, Swarthmore, Pa., assignors to Houdry Process Corporation, Wilmington, Del. Separation of hydrocarbon gases. 2,390,536; Dec. 11.

Houdry Process Corporation: *See*—
Bates, John R., assignor.
Daugherty, James P., Jr., assignor.
Harrison, James W., assignor.
Houdry, Eugene J., assignor.
Houdry, E. J., and Blue, assignors.
Lassiat, Raymond C., assignor.
McNamara, Francis J., assignor.
Newton, Roger H., assignor.
Shabaker, Hubert A., assignor.
Thayer, C. H., and Lassiat, assignors.

Hough, Earl B., Detroit, Mich. Heating, drying, and air conditioning apparatus. 2,389,433; Nov. 20.

Hough, H. R., Company: *See*—
Hosking, Richard T., assignor.

Hough, William H. D.: *See*—
Kennedy, R., Hough, and Bodner.

Houghton, Arthur H., Elgin, Ill. Corn harvester. 2,375,846; May 15.

Houghton, Leslie W.: *See*—
Chatterjea, P. K., and Houghton.

Houghton, Leslie W., London, England. Constant current electrical circuits. 2,369,675; Feb. 20.

Houghton, Lyle S., Goshen, and J. J. Rothwell, Elkhart, assignors to Penn Electric Switch Co., Goshen, Ind. Thermostat. 2,371,998; Mar. 20.

Hougland, Albert C. and G. S., New York, N. Y. Butter working machine. 2,379,356; June 26.

Hougland, Glen S.: *See*—
Hougland, Albert C. and G. S.

Houk, Addison R., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Dowel construction. 2,384,918; Sept. 18.

Houk, Alva L.: *See*—
Bock, L. H., and Houk.

Houlton, Harold G., assignor to The Girdler Corporation, Louisville, Ky. Mixing apparatus. 2,367,279; Jan. 16.

Houmère, Walter, New York, N. Y. Fabric Venetian blind. 2,370,794; Mar. 6.

Houpt, Alfred G.: *See*—
Christmann, L. J., and Houpt.
Lento, L. L., Jr., and Houpt.

Houpt, Alfred G., Springdale, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparation of powdered soap. 2,366,334; Jan. 2.

Houpt, Alfred G., Springdale, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparation of fatty acids. 2,378,359; June 12.

Hourvitz, Avinoam, Alexandria, Egypt. Heater for liquids. 2,373,759; Apr. 17.

House, Bryan E.: *See*—
Goepfrich, R. A., and House.

House, Bryan E., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,381,746; Aug. 7.

House, Bryan E., assignor to Bendix Aviation Corporation, South Bend, Ind. Hydraulic braking system. 2,389,978; Nov. 27.

House, Fred F., assignor to Buffalo Foundry & Machine Co., Buffalo, N. Y. Differential pressure responsive device. 2,367,215; Jan. 16.

House, Harrison D., assignor to American Viscose Corporation, Wilmington, Del. Spinning bucket assembly. 2,391,781; Dec. 25.

House, Le Roy B., Herrin, Ill. Dental flask. 2,378,633; June 19.

House of Vision, Belgard-Spero, Inc., The: *See*—
Kerry, John R., assignor.
Vine, Kemper C., assignor.

House, William C., assignor to Lyon-Raymond Corporation, Greene, N. Y. Lifting truck. 2,388,692; Nov. 13.

Housekeeper, Earl J.: *See*—
Schelin, J. C., Housekeeper, and Brubaker.

Housinger, Glenn E., Harlingen, Tex. Device for locking hunting knives in their scabbards. 2,391,574; Dec. 25.

Houston Corporation, The: *See*—
Houston, Herbert W., assignor.

Houston, Herbert W., Sherman Oaks, assignor to The Houston Corporation, Los Angeles, Calif. Method of and apparatus for processing photographic film. 2,386,856; Oct. 16.

Houston, Herbert W., Sherman Oaks, assignor to The Houston Corporation, Los Angeles, Calif. Positive reversal process. 2,386,857; Oct. 16.

Houston, Herbert W., Sherman Oaks, assignor to The Houston Corporation, Los Angeles, Calif. Positive reversal process. 2,386,858; Oct. 16.

Houston, John V., Hartsdale, N. Y., and B. R. Habel, La Grange, Ill., assignors to American Brake Shoe Company. Railway crossing. Re. 22,663; Aug. 14.

Houston, John W., Tama, Iowa. Wire winding and unwinding reel. 2,391,240; Dec. 18.

Houston Laboratories: *See*—
Sloan, James P., assignor.

Houston Oil Field Material Company, Inc.: *See*—
Justice, G. E., Thurston, and Young, assignors.

Houston Oxygen Company: *See*—
Loewenstern, Walter, assignor.

Houston, Wesley M.: *See*—
Schilling, K. F., Cole, Duke, and Houston.

Houts, Ray C., Snyder, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of cyanoethyl cellulose. 2,375,847; May 15.

Houts, Ray C., Snyder, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polyvinyl ethers of beta guanylethanols. 2,378,015; June 12.

Houtz, Ray C., Snyder, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Spinning process for artificial filaments. 2,388,325; Nov. 6.

Hovey, C. Earl, trustee: *See*—
Andaliklewicz, B. A., Carlson, and Hagstrom, assignors.
Denison, Noel M., assignor.
Wahl, John C., assignor.

Hovis, Harry Le R., Manor Township, Lancaster County, assignor to Hamilton Watch Company, Lancaster, Pa. Oxidation removing process. 2,383,434; Aug. 21.

Hovorka, James, Elizabeth, Ill. Brake hitch and release. 2,385,516; Sept. 25.

Howald, Arthur M., Toledo, Ohio, assignor, by mesne assignments, to Libbey-Owens-Ford Glass Company. Adhesives. 2,380,239; July 10.

Howald, Arthur M., and L. S. Meyer, Toledo, Ohio, assignors, by mesne assignments, to Libbey-Owens-Ford Glass Company. Fabrication of fibrous bodies. 2,375,365; May 8.

Howard, Alan, Schenectady, N. Y., assignor to General Electric Company. Gas turbine nozzle. 2,378,771; June 19.

Howard, Burton W., deceased, late of Aguanga, Calif., by Ruby L. Howard, administratrix, Aguanga, Calif. Tire tool. 2,391,626; Dec. 25.

Howard, Charles H., Isabel, S. Dak. Milking appliance. 2,377,234; May 29.

Howard, Clarence L., Grand Junction, Colo. Car journal lubricating device. 2,385,280; Sept. 18.

Howard, Edward W., Chicago, Ill. Fish scaling knife. 2,372,831; Apr. 3.

Howard Engineering & Manufacturing Company: *See*—
Howard, George M., assignor.

Howard, Frank C., Dearborn, Mich. Wabbler drive mechanism. 2,387,908; Oct. 30.

Howard, George G., assignor to Scovill Manufacturing Company, Waterbury, Conn. Hose coupling. 2,377,010; May 29.

Howard, George M., assignor to Howard Engineering & Manufacturing Company, Cincinnati, Ohio. Carrier belt. 2,382,634; Aug. 14.

Howard, Giles P. E., Amersham, England. Centrifugal pump. 2,366,964; Jan. 9.

Howard, Ira: *See*—
Howard, Ira F., assignor.

Howard, Ira F., assignor to Ira Howard, Marco, Fla. Amusement device. 2,368,989; Feb. 6.

Howard, James Y.: *See*—
Rees, F. X., and Howard.

Howard, Jasper S., assignor of one-half to T. D. Bishop, Sacramento, Calif. Camera. 2,375,555; May 8.

Howard, Jesse C., Jr.: *See*—
Daley, H. G., and Howard.

Howard, Richard, Los Angeles, Calif. Ultraventilated oven dripping pan. 2,374,749; May 1.

Howard, Ruby L., administratrix: *See*—
Howard, Burton W.

Howard, Stanley R., Milton, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Weighing machine. 2,373,831; Apr. 17.

Howard, Stanley R., Milton, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Packaging machine. 2,377,687; June 5.

Howard, Stanley R., Milton, assignor to Pneumatic Scale Corporation Limited, Quincy, Mass. Packaging machine. 2,387,585; Oct. 23.

Howard, Styles T., Jeffersonville, Ind. Fire unit. 2,367,216; Jan. 16.

Howard, Styles T., Jeffersonville, Ind. Venturi gas line coupling. 2,374,206; Apr. 24.

Howard, Styles T., Jeffersonville, Ind. Folding support. 2,380,441; July 31.

Howard, Styles T., Jeffersonville, Ind. Collapsible heat directing closure. 2,381,906; Aug. 14.

Howard, Styles T., Jeffersonville, Ind. Portable range. 2,391,460; Dec. 25.

Howard, William C., Jr., Richmond, Va., assignor of twenty-two per cent to T. E. Kennedy, twenty-two per cent to K. B. Lutz, eleven per cent to T. C. Utterback, and eleven per cent to C. A. Smith. Mechanical compensator. 2,372,206; Mar. 27.

Howard, William T., Chicago, Ill. Equipment for vehicle bodies. 2,382,011; Aug. 14.

Howarth, William: *See*—
Cantrell, H., Jackson, and Howarth.

Howe, A. S., Jr.: *See*—
Giannini, Gabriel M., assignor.

Howe, Albert E.: *See*—
Tour, S., and Howe.

Howe, Andrew F., University City, Mo. Centrifugal separator or clarifier. 2,370,353; Feb. 27.

Howe, Earl E., assignor to Chicago Forging & Manufacturing Company, Chicago, Ill. Tool for forming joints. 2,381,747; Aug. 7.

Howe, Earl E., assignor to Chicago Forging & Manufacturing Company, Chicago, Ill. Forming joints 2,381,748; Aug. 7.

Howe, Harold, Rowayton, Conn. Folding support structure. 2,373,760; Apr. 17.

Howe, Harold, Rowayton, Conn. Folding high chair. 2,383,127; Aug. 21.

Howe, John D., Indianapolis, Ind., assignor to General Motors Corporation, Detroit, Mich. Making bearings. 2,386,951; Oct. 16.

Howe, Raymand H.: *See*—
Johnston, W. W., and Howe.

Howe Scale Company, The: *See*—
Eash, John R., assignor.
Thorsson, Matthew, assignor.

Howe, Wilfred C., Shrewsbury, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Selector mechanism for multistack weft replenishing looms. 2,379,487; July 3.

Howe, Wilfred C., Chicago, Ill., assignor, by mesne assignments, to Maguire Industries, Incorporated, New York, N. Y. Magnetic shielding for transformers and the like. 2,388,848; Nov. 13.

Howell, Albert S., Culver, Ind., assignor to The Bell & Howell Company, Chicago, Ill. Aerial weapon. 2,370,036; Feb. 20.

Howell, Albert S., Culver, Ind., assignor to The Bell & Howell Company, Chicago, Ill. Strip feed guide. 2,374,486; Apr. 21.

Howell, Albert S., Culver, Ind., assignor to The Bell & Howell Company, Chicago, Ill. Centrifugally controlled governor device. 2,382,228; Aug. 14.

Howell, Arthur S., assignor to Stromberg-Carlson Company, Rochester, N. Y. Transducer. 2,391,627; Dec. 25.

Howell, Edward T., assignor to E. I. du Pont de Nemours Company, Wilmington, Del. Manufacture of dibenzanthrone compounds. 2,388,743; Nov. 13.

Howell, Frederic B., Wilkes-Barre, Pa. Automotive gearshift indicator. 2,375,654; May 8.

Howell, Lynn G., Houston, Tex., assignor to Standard Oil Development Company. Radioactivity well-logging. 2,391,093; Dec. 18.

Howerton, David R., Riverside, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Permanent magnet steel. 2,383,969; Sept. 4.

Howerton, Samuel A., Edwardsville, Ill. Device for pulling steel pins. 2,376,251; May 15.

Howie, Kenneth, and C. C. Krieble, assignors to Wildman Mfg. Co., Norristown, Pa. Knitting machine. 2,379,527; July 3.

Howland, Levi S., Long Beach, Calif. Surf board. 2,389,729; Nov. 27.

Howland, Louis H., Cheshire, Conn., assignor to United States Rubber Company, New York, N. Y. Plasticizing neoprene. 2,382,792; Aug. 14.

Howland, Louis H., Waterbury, Conn., assignor to United States Rubber Company, New York, N. Y. Production of sulphene amides. 2,382,793; Aug. 14.

Howland, Louis H., Cheshire, and P. T. Paul, Naugatuck, Conn., assignors to United States Rubber Company, New York, N. Y. Antioxidants. 2,377,423; June 5.

Howlett, John W., assignor of one-half to Wellworthy Piston Rings Limited, London, England. Duplex machine for simultaneously machining two members. 2,369,461; Feb. 13.

Howlett, John W., assignor to Wellworthy Piston Rings Limited, London, England. Machine for cutting tubular members into rings. 2,380,178; July 10.

Howlett, John W., assignor to Wellworthy Piston Rings Limited, London, England. Machine for cutting tubular members into rings. 2,380,695; July 31.

Hoy, M. C., et al.: *See*—
Wood, Oliver Wendell, assignor.

Hoy, Thomas J., Newark, N. J. Tire construction. 2,375,992; May 15.

Hoy, Thomas J., Newark, N. J. Resilient valve head. 2,381,541; Aug. 7.

Hoy, Walter, Pine Lawn, Mo. Shoe construction. 2,388,744; Nov. 13.

Hoyles, Louis: *See*—
Imhof, A. G., and Hoyles.

Hoyt, Howard E., Stamford, Conn., assignor to U. S. Industrial Chemicals, Inc., New York, N. Y. Purification of glycerin. 2,381,055; Aug. 7.

Hoyt, Lester F., East Aurora, assignor to Allied Chemical & Dye Corporation, New York, N. Y. Detergent composition. 2,374,544; Apr. 24.

Hoyt, Roy C., Duluth, Minn. Vehicle brake. 2,385,812; Oct. 2.

Hrabak, Robert A., Lakewood, assignor to The Art Metal Company, Cleveland, Ohio. Ultraviolet sterilizer. 2,381,450; Aug. 7.

Hrabak, Robert A., Lakewood, assignor to The Art Metal Company, Cleveland, Ohio. Ultraviolet sterilizer. 2,381,451; Aug. 7.

Hrabak, Robert A., Lakewood, assignor to The Art Metal Company, Cleveland, Ohio. Ultraviolet sterilizer. 2,381,452; Aug. 7.

Hribar, Victor F., Chicago, Ill., assignor to American Lumber & Treating Co. Cleaning creosote. 2,367,024; Jan. 9.

Hroch, James C., Jr., Cicero, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Material working apparatus. 2,387,074; Oct. 16.

Hruby, Joseph: *See*—
Macdonald, H. G., and Hruby.

Hruska, Howard E., South Bend, and A. B. Sibert, Rising Sun, Ind. Hydraulic transmission. 2,387,398; Oct. 23.

Hubacker, Earl F., Highland Park, Mich., assignor to Borg-Warner Corporation. Refrigerator cabinet construction. 2,368,837; Feb. 6.

Hubbard, Arthur F.: *See*—
Kohn, Koby, assignor.

Hubbard, Bela, Mount Vernon, N. Y., assignor to Standard Oil Development Company. Geochemical prospecting. 2,377,082; May 29.

Hubbard & Company: *See*—
Johnson, Kenneth L., assignor.

Hubbard, Francis A., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone call transmitter. 2,375,109; May 1.

Hubbard, Francis A., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Communication system. 2,379,715; July 3.

Hubbard, Francis A., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,386,609; Oct. 9.

Hubbard, Francis A., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Impulse transmitter. 2,388,358; Nov. 6.

Hubbard, Howard W., Salt Lake City, Utah, assignor to Remington Arms Company, Inc., Bridgeport, Conn. Soldering jig. 2,383,314; Aug. 21.

Hubbard, Karl H., H. L. Mason, and J. L. Leach, assignors to Taylor Instrument Companies, Rochester, N. Y. Condition responsive measuring instrument. 2,375,300; May 8.

Hubbard, Norman, Akron, Ohio, assignor to The Babcock & Wilcox Company, Rockleith, N. J. Weld rod slitter. 2,379,907; July 10.

Hubbard, William J., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Process and apparatus for producing laminated safety glass. 2,378,016; June 12.

Hubbell, Clarence Z., Johnson City, N. Y. Filing cabinet. 2,370,664; Mar. 6.

Hubbell, Leslie W., Cheshire, assignor to The Ball & Socket Manufacturing Co., West Cheshire, Conn. Clip type earring. 2,377,688; June 5.

Hubbell, William F., Biloxi, Miss. Circle cutting tool. 2,390,938; Dec. 11.

Hubbuch, Leo P., Springfield, and P. Robinson, Llanerch, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Film-forming compositions. 2,370,962; Mar. 6.

Hubby, Velton V.: *See*—
Dolezal, E., Weber, and Hubby.

Huber, Charlotte, New York, N. Y. Ornamental container. 2,391,420; Dec. 25.

Huber, Edgar: *See*—
Klein, C. F., and Huber.

Huber, Ernest G., assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Internal-combustion engine. 2,371,297; Mar. 13.

Huber, J. M., Corporation: *See*—
Carlton, Clinton A., assignor.
Williams, Ira, assignor.

Huber, Jakob, Wettingen, assignor to Aktiengesellschaft Brown, Boveri & Cie., Baden, Switzerland. Mechanical switching device. 2,375,416; May 8.

Huber, Louis J.: *See*—
Evans, L. H., and Huber.

Huber, Louis J., Minneapolis, Minn., assignor to General Mills, Inc. Dehydrated soup. 2,391,829; Dec. 25.

Huber Manufacturing Co., The: *See*—
Gifford, C. E., and Hoover, assignors.

Huber Manufacturing Company, The: *See*—
Thompson, Jesse S., assignor.

Huber, Matthew W., Watertown, N. Y., assignor to The New York Air Brake Company. Plunger drive for pumps. 2,377,554; June 5.

Huber, Matthew W., Watertown, N. Y., assignor to The New York Air Brake Company. Thrust bearing. 2,380,179; July 10.

Huber, Matthew W., Watertown, N. Y., assignor to The New York Air Brake Company. Pump. 2,383,990; Oct. 2.

Huber, Matthew W., Chicago, Ill., assignor, by mesne assignments, to The New York Air Brake Company. Pump. 2,381,056; Aug. 7.

Huber, Matthew W., Chicago, Ill., assignor, by mesne assignments, to The New York Air Brake Company. Reversible engine. 2,391,575; Dec. 25.

Huber, Mike C., Houston, Tex. Connecting explosives. 2,377,151; May 29.

Huber, Walter, assignor to Sulzer Freres, Societe Anonyme, Winterthur, Switzerland. Welded turbine rotor. 2,369,051; Feb. 6.

Huber, Walter, assignor to Sulzer Freres, Société Anonyme, Winterthur, Switzerland. Turbine blade attachment by welding. 2,384,919; Sept. 18.

Huberman, Sidney H.: *See*—
La Chapelle, Fred N., assignor.

Hubert, Clarence A., and H. A. Land, Chicago, Ill., assignors to International Harvester Company. Gear shifter lock. 2,368,139; Jan. 30.

Hubert, Ernest E., assignor to I. F. Laucks, Inc., Seattle, Wash. Apparatus for testing the fire-resistance of materials. 2,391,161; Dec. 18.

Hubert, Horace G., Carlsbad, N. Mex. Water conditioner. 2,371,444; Mar. 13.

Hubkey, Charles G., Denver, Colo. Shape burner. 2,378,017; June 12.

Huck, Alfred J., assignor to Knapp-Monarch Company, St. Louis, Mo. Temperature responsive control mechanism. 2,367,500; Jan. 16.

Huck, Alfred J., assignor to Knapp-Monarch Company, St. Louis, Mo. Temperature responsive control mechanism. 2,370,404; Feb. 27.

Huck, Alfred J., assignor to Knapp-Monarch Company, St. Louis, Mo. Heating element and production. 2,387,995; Oct. 30.

Huck, Alfred J., assignor to Knapp-Monarch Company, St. Louis, Mo. Timer for toasters and the like. 2,389,434; Nov. 20.

Huck, George E., Southgate, and F. O. Luenberger, assignors to U. S. Electrical Motors, Inc., Los Angeles, Calif. Fluid pressure mechanism. 2,384,169; Sept. 4.

Huck, Louis C., Grosse Pointe Shores, assignor, by mesne assignments, to Huxon Holding Corporation, Detroit, Mich. Metal plate dimpling machine. 2,390,537; Dec. 11.

Huck, William F., Richmond Hill, assignor to R. Hoe & Co., Inc., New York, N. Y. Printing machine. 2,366,335; Jan. 2.

Huck, William F., Richmond Hill, assignor to R. Hoe & Co., Inc., New York, N. Y. Inking mechanism for printing machines. 2,378,926; June 26.

Huck, William F., Richmond Hill, assignor to R. Hoe & Co., Inc., New York, N. Y. Ink distributing mechanism. 2,383,970; Sept. 4.

Huddleston, Robert F.: *See*—
Carlson, C. F., Holt, and Huddleston.

Hudgins, Houlder, Greenwich, Conn., assignor to Sloane Blabon, Trenton, N. J. Decorative material and producing the same. 2,390,712; Dec. 11.

Hudson, Edwin B., P. H. Long, and J. W. Pick, assignors to The American Rolling Mill Company, Middletown, Ohio. Contour rolling means. 2,374,599; Apr. 24.

Hudson Engineering Corporation: *See*—
ten Brink, K. C., and Salley, assignors.

Hudson, James L., Detroit, Mich. Fluid valve control. 2,389,667; Nov. 27.

Hudson, Lena M.: *See*—
Rayton, W. B., and Hudson.

Hudson Motor Car Company: *See*—
Greig, James W., assignor.

Hudson, Moulton L., assignor to American Enka Corporation, Enka, N. C. Apparatus for use in winding threads and the like. 2,377,784; June 5.

Hudson, Moulton L., West Asheville, assignor to American Enka Corporation, Enka, N. C. Waste cutter. 2,384,031; Sept. 4.

Hudson Sharp Machine Company: *See*—
Campbell, Samuel J., assignor.

Hudson, Thomas B., and J. O. Turner, assignors to Phillips Petroleum Company. Treatment of hydrocarbon oils. 2,371,298; Mar. 13.

Hudson, Walter E., East Setauket, N. Y. Electric furnace water heater. 2,377,785; June 5.

Hudson, William H., Detroit, Mich., assignor to Detroit Research Laboratories Inc., New York, N. Y. Conveyer. 2,371,624; Mar. 20.

Huebner, Denis W., and J. E. Fearey, Norton-on-Tees, England, assignors to Imperial Chemical Industries Limited. Interpolymers of isobutylene with vinyl methacrylate and their preparation. 2,391,162; Dec. 18.

Huebner, Herbert A., et al.: *See*—
Young, Edgar C., assignor.

Huebsch Manufacturing Company: *See*—
Watson, Thomas S., assignor.

Huelster, Otto J., assignor to Scovill Manufacturing Company, Waterbury, Conn. One-way snap fastener. Re. 22,625; Apr. 3.

Huelster, Otto J., assignor to Scovill Manufacturing Company, Waterbury, Conn. One-way snap fastener. Re. 22,626; Apr. 3.

Huelster, Otto J., assignor to Scovill Manufacturing Company, Waterbury, Conn. Separable fastener. 2,367,217; Jan. 16.

Huelster, Otto J., assignor to Scovill Manufacturing Company, Waterbury, Conn. Cowl fastener. 2,372,496; Huenerfauth, George E., and F. P. Green, assignors to Crown Rheostat & Supply Co., Chicago, Ill. Tumbling barrel liner. 2,384,170; Sept. 4.

Huenergardt, William H., Chicago, Ill. Ammunition rounds indicator. 2,377,011; May 29.

Huenlich, Charles, Bloomfield, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Phonograph. 2,373,960; Apr. 17.

Huenlich, Charles, Bloomfield, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Sound modifier. 2,380,845; July 31.

Hueter, Richard, Dessau-Rosslau, Anhalt, Germany; vested in the Alien Property Custodian. Preparing ketenes. 2,383,863; Aug. 28.

Huey, Harold I., Saylesville, and W. W. Russell, East Providence, assignors to Sayles Finishing Plants, Inc., Saylesville, R. I. Finishing cellulosic fabrics. 2,378,360; June 12.

Huey, James G., assignor to Tennessee Coal, Iron and Railroad Company, Birmingham, Ala. Anode mold. 2,378,480; June 19.

Huff, John W.: *See*—
D'Orio, P. A., and Huff.

Huff, Lyman C., assignor to Universal Oil Products Company, Chicago, Ill. Waste heat boiler. 2,373,564; Apr. 10.

Huff, Lyman C., assignor to Universal Oil Products Company, Chicago, Ill. Heating and circulating device. 2,379,155; June 26.

Huff, Lyman C., assignor to Universal Oil Products Company, Chicago, Ill. Catalytic conversion of hydrocarbon oil. 2,380,760; July 31.

Huff, Lyman C., assignor to Universal Oil Products Company, Chicago, Ill. Process wherein fluid hydrocarbons are contacted and mixed with acidic fluid in a confined zone. 2,381,168; Aug. 7.

Huff, Thomas H., Merion, Pa. Airplane. 2,390,939; Dec. 11.

Huff, Van E., assignor of one-half to C. F. Miller, Miami, Fla. Louvre. 2,375,176; May 1.

Hufferd, George H., Grosse Point, assignor to Houdaille-Hershey Corporation, Detroit, Mich. Brake control valve. 2,375,110; May 1.

Hufferd, George H., Grosse Pointe, Mich., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Separable fastener. 2,380,240; July 10.

Huffman, Hal C., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Production of butadiene. 2,385,705; Sept. 25.

Huffnagle, George W., Fryeburg, Maine, assignor to Farnsworth Television and Radio Corporation. Color television system. 2,389,979; Nov. 27.

Huge, Henry M., Lorain, Ohio, assignor of one-half to E. M. Heavens, and one-half to C. P. Stocker. Polyphase voltage regulator. 2,377,152; May 29.

Huge, Henry M., Lorain, Ohio, assignor of one-half to E. M. Heavens and one-half to C. P. Stocker. Frequency changer. 2,384,171; Sept. 4.

Huggins, Owen R., South Norwalk, assignor to Linotone Corporation. Producing intaglio printing elements. 2,376,596; May 22.

Hugh Jones Products Company: *See*—
Jones, Hugh H., assignor.

Hughes, Benjamin D., and E. L. Ford, Wembley, England. Extractor ventilator. 2,379,638; July 3.

Hughes, Charles J., et al.: *See*—
Pover, Stanley J., assignor.

Hughes, Everett C.: *See*—
Burk, R. E., and Hughes.

Hughes, Everett C., Cleveland Heights, assignor to The Standard Oil Company, Cleveland, Ohio. Recovery of catalysts. 2,386,798; Oct. 16.

Hughes, Everett C., Cleveland Heights, assignor to The Standard Oil Company, Cleveland, Ohio. Cutting oils. 2,386,952; Oct. 16.

Hughes, Everett C., Cleveland Heights, assignor to The Standard Oil Company, Cleveland, Ohio. Hydrocarbon polymerization. 2,390,100; Dec. 4.

Hughes, Everett C., and W. E. Scovill, Cleveland Heights, assignors to The Standard Oil Company, Cleveland, Ohio. Mineral oil beneficiation. 2,381,907; Aug. 14.

Hughes, Frank C.: *See*—
Boughton, W. A., Mansfield, and Hughes.

Hughes, George F., Trumbull County, Ohio. Boat construction. 2,379,235; June 26.

Hughes, Henry & Sons Limited: *See*—
Everett, Philip F., assignor.

Hughes, Howard R., Houston, Tex., and S. A. Bell, Glendale, Calif., assignors to Hughes Tool Company, Houston, Tex. Dead reckoning navigation device for aircraft. 2,386,555; Oct. 9.

Hughes, Hugh T., assignor of one-half to O. F. Goudy, Cleveland, Ohio. Fastener. 2,373,312; Apr. 10.

Hughes, Jesse E.: *See*—
Batchelder, G. W., Featherer and Hughes.

Hughes, John R., Urbanna, Va. Weeding tool. 2,383,388; Aug. 21.

Hughes, John S., assignor to Zaremba Company, Buffalo, N. Y. Crystallizing evaporator. 2,384,747; Sept. 11.

Hughes, Lafayette M., Jr., et al.: *See*—
Pover, Stanley J., assignor.

Hughes, Robert C., Paoli, Pa. Stretcher. 2,377,940; June 12.

Hughes Tool Company: *See*—
Hughes, H. R., and Bell, assignors.

Hughes, Walter J., assignor to Infilco Incorporated, Chicago, Ill. Hydraulic switch device. 2,376,918; May 29.

Hughes, Walter J., assignor to Infilco Incorporated, Chicago, Ill. Proportioning pump. 2,391,703; Dec. 25.

Hughes, Walter J., assignor to Infilco Incorporated, Chicago, Ill. Sewage comminuting apparatus. 2,391,704; Dec. 25.

Hughes, William E., et al.: *See*—
Pover, Stanley J., assignor.

Hughey, Howard G., Bloomfield, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Multiflame heating torch. 2,384,920; Sept. 18.

Hughey, Howard G., Fanwood, N. J., assignor to Air Reducion Company, Incorporated. Apparatus for cutting metal. 2,384,921; Sept. 18.

Hugin, Adolph C.: *See*—
Felix, F., and Hugin.

Hugin, Adolph C., Schenectady, N. Y., assignor to General Electric Company. Dynamoelectric machine. 2,387,063; Oct. 16.

Huguenin, Richard, Stamford, Conn., assignor to Inredeco, Inc., Panama City, Panama. Making coffee extract. 2,380,046; July 10.

Hulbert, Arthur D., Flushing, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron camera tube. 2,369,569; Feb. 13.

Hulbert, Edwin F., Watertown, Wis. Shell carrier liner. 2,375,993; May 15.

Hulbert, Ivan J.: *See*—
Tatlow, P., and Hulbert.

Hulbert, Ivan J., and P. Tatlow, assignors to Rotax Limited, Willesden Junction, London, England. High tension spark ignition apparatus. 2,379,004; June 26.

Hulfish, Buford W., assignor to Victor Aircraft Company, Inc., Newark, N. J. Elbow connection for use with spark plugs. 2,381,595; Aug. 7.

Hull, Albert W., Schenectady, N. Y., assignor to General Electric Company. Magnetic field gradient meter. 2,379,716; July 3.

Hull, Cecil R., West Palm Beach, Fla. Vacuum exhaust muffler. 2,378,083; June 12.

Hull, Charles J., Kenmore, N. Y., assignor to The Rudolph Wurlitzer Company, Chicago, Ill. Apparatus for forming materials. 2,367,779; Jan. 23.

Hull, David C., and C. A. Marshall, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Manufacture of organic acid anhydrides. 2,367,501; Jan. 16.

Hull, Donald R., Newport, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Yarn handling. 2,366,336; Jan. 2.

Hull, J. Leonard: *See*—
Griswold, G. G. and Lee, assignors.
Lee, Floyd J.

Hull, James L., Los Angeles, and F. J. Lee, La Habra, Calif. Fire extinguishing unit. 2,381,749; Aug. 7.

Hull, Maury L., Arlington, Va. Torpedo. 2,382,058; Aug. 14.

Hull, Richard O., Lakewood, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Electroplating. 2,374,289; Apr. 24.

Hull, Richard O., Lakewood, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Electroplating. 2,383,798; Aug. 28.

Hull, Roger S.: *See*—
Homan, W., and Hull.

Hull, Samuel P., Yonkers, N. Y., J. J. Corcoran, Cleveland, Ohio, and B. A. Lundy, Larchmont; said Lundy assignor to Railroad Accessories Corporation, New York, N. Y. Cabling strap. 2,390,940; Dec. 11.

Hull, Washington, Noroton Heights, Conn., assignor to American Cyanamid Company, New York, N. Y. Oxide catalysts in dehydrogenation of cymene. 2,376,252; May 15.

Hull, Washington, Noroton Heights, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparation of p-cymene from a monocyclic terpene. 2,387,794; Oct. 30.

Hull, Washington, Noroton Heights, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparation of p-cymene from a monocyclic terpene. 2,388,359; Nov. 6.

Hullhorst, William B: *See*—
Belada, J., and Hullhorst.

Hulquist, Edward M., assignor to D. Field, Dallas, Tex. Utility cart. 2,389,574; Nov. 20.

Hulsberg, William E., assignor to Universal Oil Products Company, Chicago, Ill. Reactor. 2,391,315; Dec. 18.

Hulse, George E., New Haven, Conn., assignor to The Safety Car Heating and Lighting Company, Inc. Refrigeration apparatus. 2,367,502; Jan. 16.

Hulse, George E., Jr.: *See*—
Brown, C. F., and Hulse.

Hulson Company: *See*—
Hulson, John W., assignor.

Hulson, John W., Chicago, Ill., assignor to Hulson Company, Keokuk, Iowa. Locomotive exhaust nozzle. 2,389,980; Nov. 27.

Hulten, John E.: *See*—
Eklund, K. G., and Hulten.

Hultgren, Arnold P., and H. E. Moore, Chicago, Ill., R. H. Bennett and N. W. Cummins, Louisville, Ky., assignors to Sears, Roebuck and Co., Chicago, Ill., and Adler Manufacturing Co., Incorporated, Louisville, Ky. Cabinet. 2,372,672; Apr. 3.

Hultin, Rune, Lidingo, assignor to Aga-Baltic Aktiebolag, Stockholm, Sweden. Remote control system. 2,376,359; May 22.

Hultkrans, Paul B., Shorewood, assignor to Milprint, Inc., Milwaukee, Wis. Packaging. 2,375,417; May 8.

Hultquist, Martin E., Bound Brook, N. J., assignor to American Cyanamid Company, New York, N. Y. 1-(4-Sulphamylphenyl)-3-(4-sulphamylphenylimino)-5-aryl-2-pyrrolidone. 2,379,639; July 3.

Hultquist, Martin E., Bound Brook, N. J., assignor to American Cyanamid Company, New York, N. Y. Acetylsulphanilyl chloride. 2,383,128; Aug. 21.

Humane Coyote Getter Inc., The: *See*—
Mariman, Ethel P., assignor.

Humason, Granville A., Houston, Tex. Tester for wells. 2,389,512; Nov. 20.

Hume, Horace D., Mendota, Ill. Harvesting equipment. 2,375,848; May 15.

Hume, Horace D., Mendota, Ill. Shoe for cutter bars. 2,375,849; May 15.

Hume, W. L., et al.: *See*—
Livermont, Frank W., assignor.

Humer, Frank, assignor to General Motors Corporation, Detroit, Mich. Retractable headlamp. 2,369,295; Feb. 13.

Humer, Frank, assignor to General Motors Corporation, Detroit, Mich. Collapsible top for automobiles. 2,382,635; Aug. 14.

Humes, William B.: *See*—
Downing, J. R. O., and Humes.

Humeston, Frederick L., Hamden, assignor to Western Cartridge Company, New Haven, Conn. Breech-closing means for self-loading firearms. 2,373,761; Apr. 17.

Humeston, Frederick L., Syracuse, N. Y., assignor to The High Standard Manufacturing Corporation, New Haven, Conn. Sear for firearms. 2,388,149; Oct. 30.

Hummel, Frederick E., Chicago, Ill. Electric water heater. 2,378,772; June 19.

Hummel, Herman H.: *See*—
Woppman, J. G., Hummel, and Newman.

Hummer, Charles I., Detroit, Mich., assignor to American Car and Foundry Company, New York, N. Y. Lubricated plug valve. 2,373,832; Apr. 17.

Humphrey, James M., assignor of ninety per cent to Doughboy Machines, Inc., New Richmond, Wis. Sealing machine. 2,376,253; May 15.

Humphrey, James M., assignor of ninety per cent to Doughboy Machines, Inc., New Richmond, Wis. Sealing machine. 2,379,357; June 26.

Humphrey, Robert G., Madison, and R. M. Sample, Lyndhurst, N. J. Abrasive disk. 2,376,254; May 15.

Humphrey, Stanley M.: *See*—
Seltzer, C. S., and Humphrey.

Humphrey, Walter E., assignor to Pennsylvania Rubber Company, Jeannette, Pa. Shuttlecock machine. Re. 22,691; Nov. 13.

Humphreys & Glasgow Limited: *See*—
Williams, Norman H., assignor.

Humphreys, Ira B., Denver, Colo. Controllable pitch propeller. 2,382,229; Aug. 14.

Humphreys, Marion W., Euclid, Ohio. Machine for drilling holes in screwheads and the like. 2,369,828; Feb. 20.

Humphreys, Marion W., Euclid, Ohio. Toasting device. 2,387,586; Oct. 23.

Humphreys, Meredith N.: *See*—
Knowles, J. O., Humphreys, and Davies.

Humphreys, Thomas D., and E. M. Dodds, said Humphreys assignor to A. C. Cossor Limited, London, England. Electrical apparatus. 2,367,866; Jan. 23.

Hunau, Lillian, Brooklyn, N. Y. Brassière. 2,367,353; Jan. 16.

Hundley, James, Columbus, Ohio. Floating carrier fortress. 2,374,938; May 1.

Hungerbühler, Paul: *See*—
Vannini, P., and Hungerbühler.

Hungerford, Churchill, Jr., Woodbury, assignor to Hungerford & Terry, Inc., Clayton, N. J. Condensate reclaiming system. 2,372,952; Apr. 3.

Hungerford, Daniel C.: *See*—
Ellis, R. M., and Hungerford.

Hungerford & Terry, Inc.: *See*—
Hungerford, Churchill, Jr., assignor.

Hungerford, Willard C., Los Angeles, Calif. Milling machine attachment for lathes. 2,375,789; May 15.

Hunn, Oliver W., assignor of one-fourth to A. D. Morgan, New Philadelphia, Ohio. Hemostat. 2,385,207; Sept. 18.

Hunsdiecker, Heinz, Cologne-Braunsfeld, Germany; vested in the Alien Property Custodian. Manufacturing cyclopentenone derivatives. 2,387,587; Oct. 23.

Hunsdorf, William P., Cleveland, Ohio, assignor to W. P. Hunsdorf and C. E. Edson, joint trustees. Coil winding apparatus. 2,381,750; Aug. 7.

Hunsdorf, William P., assignor of one-third to J. L. Meikle, and one-third to W. J. Wesseler, Cleveland, Ohio. Long range gun and projectile therefor. 2,386,686; Oct. 9.

Hunt, A. H., Limited: *See*—
Grouse, R. A., and Rogers, assignors.

Hunt, Basil G.: *See*—
Lepsoe, R., and Hunt.

Hunt, Charles T., Murrayville, assignor of one-half to G. A. Edwards, Manchester, Ill. Wire fence staple. 2,386,953; Oct. 16.

Hunt, Clyde G., Tullahoma, Tenn. Automatic carbon saver. 2,375,476; May 8.

Hunt, Frederick V., Belmont, and J. A. Pierce, Cambridge, Mass. Electromechanical-conversion device. 2,369,676; Feb. 20.

Hunt, George, Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Clutch. 2,385,517; Sept. 25.

Hunt, George D.: *See*—
Chaney, J. L., and Hunt.

Hunt, George R., Akron, Ohio. Compass attachment. 2,367,584; Jan. 16.

Hunt, Gordon, Parkersburg, W. Va. Heel stripper. 2,388,150; Oct. 30.

Hunt, John L.: *See*—
Greenleaf, R. M., and Hunt.

Hunt, John O., Greenville, assignor to Ware Shoals Manufacturing Co., Ware Shoals, S. C. Control mechanism. 2,368,546; Jan. 30.

Hunt, Madison, Claymont, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Metal salts of polyhydroxyalkyldithiocarbamic acids and their preparation. 2,379,965; July 10.

Hunt, Madison, Claymont, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Alkylsulphenyl dithiocarbamates. 2,390,713; Dec. 11.

Hunt, Melville M.: *See*—
Strauss, A., Feltman, Hunt, and Harbaugh.

Hunt, Orville A.: *See*—
Harrison, Elmer P., assignor.

Hunt, Scott F., South Bend, Ind., assignor, by mesne assignments, to Bendix Stromberg Carburetor Company. Carburetor. 2,381,751; Aug. 7.

Hunt & Turner Limited: *See*—
Jamie, Robert C. S., assignor.

Hunt, Walter L., assignor to Automatic Temperature Control Co., Inc., Philadelphia, Pa. Controlling system for regulators. 2,386,799; Oct. 16.

Hunter, Albert E., Wollaton, assignor to Byard Manufacturing Company, Limited, Nottingham, England. Take-up for twist lace machines. 2,382,230; Aug. 14.

Hunter, Clarence S.: *See*—
Nadeau, G. F., Hilborn, and Hunter.
Nadeau, G. F., and Hunter.

Hunter, Dean F., Ogden, Iowa. Holder and insulator for electric fence wire. 2,390,305; Dec. 4.

Hunter, Donald P., Los Angeles, and C. A. Stine, Van Nuys, Calif., assignors to Turco Products, Inc., Los Angeles County. Apparatus for removing carbonaceous deposits from metals and the like. 2,371,394; Mar. 13.

Hunter, Frank B., La Canada, assignor to Lockheed Aircraft Corporation, Burbank, Calif. Lubricant circulating system. 2,379,579; July 3.

Hunter, Frederick H.: *See*—
Perry, T. M., and Hunter.

Hunter Illuminated Car Sign Co. Inc., The: *See*—
Hunter, Lytle G., assignor.

Hunter, James, Machine Company, The: *See*—
Morrill, Frank B., assignor.

Hunter, Lytle G., assignor to The Hunter Illuminated Car Sign Co., Inc., Flushing, N. Y. Vehicle indicator. 2,368,547; Jan. 30.

Hunter, Melvin J., assignor to The Dow Chemical Company, Midland, Mich. Ester products of 12-hydroxystearic acid. 2,390,027; Nov. 27.

Hunter, Melvin J., and E. L. Kropscott, assignors to The Dow Chemical Company, Midland, Mich. Cellulose ether composition. 2,385,359; Sept. 25.

Hunter, Philip V., London, H. J. Allcock, Belvedere, and R. McL. Fairfield, Leigh, assignors to Callender's Cable & Construction Company Limited, London, England. Electric cable. 2,377,153; May 29.

Hunter, Verne W.: *See*—
Strassburger, Wm. J., and Hunter.

Hunter, Walker F., Jr., Rochester, N. Y., H. A. Tanner, Newport, R. I., and R. E. Gillmor, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Gelable cellulose derivative compositions. 2,367,503; Jan. 16.

Hunter, Willson H., Lakewood, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Frictional mechanism. 2,386,116; Oct. 2.

Hunter, Willson H., Lakewood, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Frictional mechanism. 2,388,151; Oct. 30.

Hunter, Willson H., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Frictional mechanism. 2,386,610; Oct. 9.

Hunter, Willson H., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Shield assembly for air scoops or the like. 2,389,313; Nov. 20.

Hunter, Willson H., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Protective covering for aircraft surfaces and the like. 2,391,241; Dec. 18.

Hunters, James, Machine Company, The: *See*—
Morrill, Frank B., assignor.

Hunting, Irving A., South Plainfield, N. J., assignor to Miehle Printing Press and Manufacturing Company, Chicago, Ill. Printing press. 2,376,255; May 15.

Huntington, Richard L., Norman, Okla., assignor to Phillips Petroleum Company. Catalyst chamber. 2,387,026; Oct. 16.

Huntoon, Russell C., assignor to Solar Aircraft Company, San Diego, Calif. Anchor nut. 2,385,991; Oct. 2.

Huntsberger, Herbert D., Cleveland Heights, assignor to Willard Storage Battery Company, Cleveland, Ohio. Twin grid casting. 2,378,221; June 12.

Huntziker, Harry N., Evanston, assignor to United States Gypsum Company, Chicago, Ill. Making plaster retarder. 2,383,252; Aug. 21.

Hunziker, Charles E., Paterson, N. J. Filter. 2,381,453; Aug. 7.

Hunziker, Freda E., administratrix: *See*—
Hunziker, Sidney H.

Hunziker, Sidney H., deceased, by F. E. Hunziker, Drexel, Mo., administratrix. Discharge chute for hay balers. 2,390,306; Dec. 4.

Hupp, Oscar W., Schenectady, N. Y., assignor to General Electric Company. Gas scrubber. 2,373,565; Apr. 10.

Hupp, Vernon E., Chicago, Ill. Space heating system for buildings. 2,375,556; May 8.

Huppert, Oskar, Newark, N. J. Aqueous emulsions of cellulose acetate. 2,382,636; Aug. 14.

Huppert, Oskar, Newark, N. J. Condensation products of pseudothiohydantoin' protein and producing same. 2,384,421; Sept. 4.

Huppert, Oskar, Newark, N. J. Polycyclic compounds from isophorone and manufacture of same. 2,385,281; Sept. 18.

Huppert, Oskar, Chicago, Ill. Sulphonic acids of the 5-oxo imidazoline series. 2,384,837; Sept. 18.

Huppert, Oskar, Chicago, Ill., assignor to The Glidden Company, Cleveland, Ohio. Manufacture of synthetic wool from soy bean protein. 2,377,885; June 12.

Huppert, William, New York, N. Y., assignor to Delamere Company, Inc. Comb. Re. 22,617; Mar. 13.

Huppke, Walter F., Lomita, and T. Vermeulen, assignors to Union Oil Company of California, Los Angeles, Calif. Catalytic dehydrogenation. 2,379,081; June 26.

Hurd, John C. H.: *See*—
Holmes, H. H., and Hurd.

Hurka, Rudolph J., Clearwater, Fla., assignor to Monsanto Chemical Company. Leavening composition. 2,366,857; Jan. 9.

Huribut, Douglas H., Adrian, Mich. Device for reinking typewriter ribbons. 2,366,907; Jan. 9.

Huribut, James, Huntington Park, T. J. Davidson, Montebello, and R. N. Bowman, Southgate, assignors to Rheem Manufacturing Co., Richmond, Calif. Burner. 2,372,953; Apr. 3.

Hurley Electronic Controls Inc.: *See*—
Hurley, Raymond J., assignor.

Hurley, John W., trustee: *See*—
Eastin, Rollie R., assignor.

Hurley, Patrick J., Gratiot Township, Wayne County, assignor to Packard Motor Car Company, Detroit, Mich. Micrometer caliper. 2,375,557; May 8.

Hurley, Raymond J., Kenilworth, assignor to Hurley Electronic Controls Inc., Chicago, Ill. Pressure responsive control instrument. 2,386,164; Oct. 2.

Hurley, Roy T., Westport, Conn., assignor to Bendix Aviation Corporation, South Bend, Ind. Supercharged chamber for aircraft. 2,373,185; Apr. 10.

Hurley, Samuel C., Jr., Danville, Ill. Chute. 2,377,154; May 29.

Hurley, Samuel C., Jr., Danville, Ill. Orienting mechanism. 2,379,717; July 3.

Hurn, James E., assignor to The De Luxe Products Corporation, La Porte, Ind. Filtering lubricating oils. 2,366,190; Jan. 2.

Hurrey, Clarence B.: *See*—
Hurrey, Ross C., assignor.

Hurrey, Ross C., assignor to Bagpak, Inc., New York, N. Y. Bag making machine. 2,376,697; May 22.

Hurrey, Ross C., assignor of one-half to Clarence B. Hurrey, Ashton, Md. Thermit bomb. 2,391,242; Dec. 18.

Hurst, Edward, West Newton, assignor to United Cotton Products Company, Fall River, Mass. Method and apparatus for manufacturing abrasive materials. 2,369,462; Feb. 13.

Hurst, George L., San Francisco, Calif. Quick detachable coupling. 2,370,354; Feb. 27.

Hurst, Ira N.: *See*—
Hansen, W. L., and Hurst.

Hurst, Robert O., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Protective device for electrical apparatus and systems. 2,370,037; Feb. 20.

Hurt, David M., Wilmington, Del., and C. A. Rohrmann, Cleveland Heights, Ohio, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Making sulphur trioxide and catalyst therefor. 2,381,908; Aug. 14.

Hurt, Victor H., Cranston, R. I., assignor to United States Rubber Company, New York, N. Y. Pneumatic mattress. 2,369,736; Feb. 20.

Hurt, Victor H., Cranston, R. I., assignor to United States Rubber Company, New York, N. Y. Glove or mitten. 2,378,773; June 19.

Hurter, Hans, Lausanne, assignor to Société Anonyme pour l'Industrie de l'Aluminium, Chippis, Switzerland. Making furnaces for the electrolytic production of aluminum. 2,378,142; June 12.

Huscher, Myron E.: *See*—
Britton, E. C., Nutting, and Huscher.

Huse, Hiram N., Lansdale, Pa. Making playing balls. 2,367,867; Jan. 23.

Hussey, Chester L., Belchertown, Mass., assignor to Savage Arms Corporation, Utica, N. Y. Chainless drive for bicycles. 2,378,634; June 19.

Hussmann-Ligonier Company: *See*—
Davis, Russell E., assignor.

Husson, Harry L., Westfield, and R. R. Pollard, East Orange, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Material handling apparatus. 2,384,307; Sept. 4.

Husted, Harry A., St. Clair, Mich. Cigarette case. 2,378,774; June 19.

Husted, Harry A., St. Clair, assignor to The Standard Products Company, Detroit, Mich. Periscopic viewing and sighting device. 2,381,909; Aug. 14.

Husted, Harry F., Shavertown, Pa. C clamp. 2,366,263; Jan. 2.

Huston, Claude B., Schenectady, N. Y., assignor to General Electric Company. Liquid slip regulator. 2,367,025; Jan. 9.

Huston, Claude B., Schenectady, N. Y., assignor to General Electric Company. Control system. 2,383,799; Aug. 28.

Huston, Milton D.: *See*—
Breese, J. L., Hayter, and Huston.
Perry, S., and Huston.

Huston, Milton D., Chicago, Ill., assignor to Oil Devices, Santa Fe, N. Mex. Pot type liquid fuel burner and air supply means therefor. 2,382,419; Aug. 14.

Huston, Milton D., Chicago, Ill., assignor to Oil Devices, Santa Fe, N. Mex. Horizontal pot type burner. 2,386,556; Oct. 9.

Huston, William M., and C. E. Jones, Lima, Ohio. Crawler drive mechanism. 2,387,268; Oct. 23.

Huszár, Kálmán Z., Cincinnati, Ohio. Rodmill. 2,367,585; Jan. 16.

Hutaff, George H., Jr., Wilmington, N. C. Bottle carrier. 2,386,859; Oct. 16.

Hutaff, George H., Jr., Wilmington, N. C. Bottle cap and release therefor. 2,386,860; Oct. 16.

Hutchcroft, Clyde R., Eureka, assignor to Keasbey & Mattison Company, Ambler, Pa. Asbestos board. 2,376,919; May 29.

Hutcheson, John A., Baltimore, Md., assignor to Westinghouse Electric Corporation, East Pittsburg, Pa. Oscillator circuit for inductive heating. 2,381,057; Aug. 7.

Hutchings, Joseph L., Newark, N. J., assignor to Brosites Machine Company, Inc., New York, N. Y. Method and device for shredding materials. 2,378,481; June 19.

Hutchinson, Arthur J. L., assignor to The Fluor Corporation, Ltd., Los Angeles, Calif. Mixing apparatus. 2,375,558; May 8.

Hutchinson, Arthur J. L., and I. C. Bechtold, assignors to The Fluor Corporation, Ltd., Los Angeles, Calif. Treatment of hydrocarbon gases by hydration. 2,375,559; May 8.

Hutchinson, Arthur J. L., and I. C. Bechtold, assignors to The Fluor Corporation, Ltd., Los Angeles, Calif. Treatment of gases. 2,375,560; May 8.

Hutchinson, Philip H., Montclair, N. J., assignor to General Motors Corporation, Detroit, Mich. Grinding machine. 2,380,761; July 31.

Hutchison, Miller R., Jr., assignor to Eastman Kodak Company, Rochester, N. Y. Double-exposure prevention camera. 2,367,504; Jan. 16.

Hutchison, Robert L., Roma, Tex. Police weapon. 2,391,782; Dec. 25.

Huth, Carl A., Rutherford, N. J., assignor to American Can Company, New York, N. Y. Machine for filling products into containers. 2,381,454; Aug. 7.

Hutsell, Thomas A., Renton, Wash. Liquid dispenser equipment. 2,382,059; Aug. 14.

Hutt, Philip, Milford, Conn., assignor to General Electric Company. Electric switch. 2,366,530; Jan. 2.

Hutter, William H., assignor to Rock-Ola Manufacturing Corporation, Chicago, Ill. Electrodynamic speaker. 2,367,026; Jan. 9.

Hutter, William H., assignor to Rock-Ola Manufacturing Corporation, Chicago, Ill. Phonograph. 2,371,522; Mar. 13.

Huttmann, Erich: *See*—
Dillenbach, W., Allerding, and Huttmann.

Hutton, James H., Kenmore, N. Y., assignor to Curtiss-Wright Corporation. Center-of-gravity location indicator. 2,391,243; Dec. 18.

Huwer, Charles A., Detroit, Mich. Furnace. 2,380,110; July 10.

Huxon Holding Corporation: *See*—
Huck, Louis C., assignor.

Huyck, Ralph S.: *See*—
Douglas, R. M., and Huyck.

Huye, Joseph G., New Orleans, La. Hat packing stay and combination package. 2,384,680; Sept. 11.

Hvid, Rasmus M., Wilmette, Ill. Engine piston construction. 2,386,117; Oct. 2.

Hyatt, Charles S., and T. J. Kerr, assignors to Columbus Coated Fabrics Corporation, Columbus, Ohio. Coated glass fiber window shade. 2,381,542; Aug. 7.

Hyatt, Elmer, Cleveland, Ohio. Truss. 2,388,360; Nov. 6.

Hyatt, Raymond D., assignor to The D. L. Auld Company, Columbus, Ohio. Portable grease receptacle. 2,368,065; Jan. 23.

Hyde, George E., Jr., Stratford, assignor to Remington Arms Company, Inc., Bridgeport, Conn. Ammunition. 2,383,315; Aug. 21.

Hyde, George J., Brooklyn, assignor to Firearms Research Corporation, New York, N. Y. Control means. 2,367,280; Jan. 16.

Hyde, George J., Dayton, Ohio, assignor to Firearms Research Corporation, New York, N. Y. Rifle. 2,376,057; May 15.

Hyde, Herschel Y.: *See*—
Viland, C. K., and Hyde.

Hyde, James F., assignor to Corning Glass Works, Corning, N. Y. Organo-silicon polymers and making them. 2,371,050; Mar. 6.

Hyde, James F., assignor to Corning Glass Works, Corning, N. Y. Dielectric compositions. 2,377,689; June 5.

Hyde, James F., assignor to Corning Glass Works, Corning, N. Y. Insulated conductor and insulation therefor. 2,386,466; Oct. 9.
Hyde, James F., assignor to Corning Glass Works, Corning, N. Y. Organo-silicon polymers and making them. 2,386,467; Oct. 9.
Hyde, James F., assignor to Corning Glass Works, Corning, N. Y. Manufacture of glass yarn. 2,390,370; Dec. 4.
Hyde, James L.: *See*—
Burnham, J., and Hyde.
Hyde, James L., Williamatown, assignor to Sprague Specialties Company, North Adams, Mass. Stabilized dielectric composition. 2,377,630; June 5.
Hyde, John B., Great Neck, N. Y. Anchor for ground supports. 2,389,149; Nov. 20.
Hyden, William L., and J. A. Mitchell, Kenmore, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Moistureproof sheet. 2,388,326; Nov. 6.
Hydraulic Brake Company: *See*—
Katz, D. L., and Esterer, assignors.
Miller, Raymond J., assignor.
Teagno, Joseph R., assignor.
Swift, Harvey C., assignor.
Swift, John F., assignor.
Hydraulic Control Engineering Company: *See*—
Dolch, William C., assignor.
Patton, Willis A., assignor.
Stephens, William T., assignor.
Hydraulic Coupling Patents Limited: *See*—
Basebe, Artbur C., assignor.
Hydraulic Development Corp., Inc., The: *See*—
Bench, D. E., Crosby, and Toulmin.
Crosby, Melvin A., assignor.
Ernst, Walter, assignor.
Ernst, W., and Cross, assignors.
Flowers, Paul E., assignor.
Flowers, P. E., Ernst, and MacMillin, assignors.
MacMillin, Howard F., assignor.
Muller, Johan A., assignor.
Summers, Otto M., assignor.
Tucker, Warren R., assignor.
Tucker, W. R., and Waldie, assignors.
Waldie, George A., assignor.
Hydraulic Impact Tool Company: *See*—
Warren, Charles F., assignor.
Hydril Company: *See*—
Stone, A. L., and Appleton, assignors.
Hydro-Blast Corporation, The: *See*—
Den Breejen, A., Amari, Luce, Petty, and R. and T. K. Webster, Jr., assignors.
Webster, R. S., and Will, assignors.
Hygeia Nursing Bottle Company, Inc.: *See*—
Ganson, Howard H., assignor.
Hyland Automobiles (England) Limited: *See*—
Hyland, Charles, assignor.
Hyland, Charles, assignor to Hyland Automobiles (England) Limited, Wakefield, England. Hydraulic remote control apparatus. 2,371,893; Mar. 20.
Hyland, James F., Champaign, Ill. Garden implement. 2,372,275; Mar. 27.
Hyland, William A., assignor to The Van Brunt Manufacturing Company, Horicon, Wis. Steering hitch mechanism. 2,370,468; Feb. 27.
Hyland, William A., assignor to The Van Brunt Manufacturing Company, Horicon, Wis. Seeding attachment. 2,378,635; June 19.
Hyle, Jacob A.: *See*—
Thomann, R. A., and Hyle.
Hyman, Benjamin M., Moline, Ill., assignor to International Harvester Company. Tractor-mounted harvester. 2,371,822; Mar. 20.
Hyman, Benjamin M., Moline, Ill., assignor to International Harvester Company. Harvester construction. 2,379,802; July 3.
Hyman, Benjamin M., Moline, Ill., assignor to International Harvester Company. Harvester. 2,379,803; July 3.
Hyman, Frank W., New York, N. Y. Applying coatings. 2,380,047; July 10.
Hyman, Henry: *See*—
Muldoon, Bernard F., assignor.
Hynd, Alan, New York, N. Y. Motion picture photography. 2,375,477; May 8.
Hyndman, Meade: *See*—
Smart, Ralph F., assignor.
Hyneman, Louis H.: *See*—
Taurman, A., and Hyneman.
Hyprath, Walter, Berlin-Wilmersdorf, Germany; vested in the Alien Property Custodian. Extrusion device for the manufacture of cable sheaths. 2,385,574; Sept. 25.
Hyre, Warren, Clearwater, Fla. Form aligner. 2,378,850; June 19.
Hytron Corporation: *See*—
La France, Alfred, assignor.
I. T. E. Circuit Breaker Company: *See*—
Bohn, Donald I., assignor.
Graves, Herbert C., Jr., assignor.
Pokorny, Frank J., assignor.
Schymik, Walter H., assignor.
Scott, William M., Jr., assignor.
I-T-E Circuit Breaker Company: *See*—
Scott, William M., Jr., assignor.
Iafrate, Domenic L., Newton, Mass. Scissor sharpening or like device. 2,384,922; Sept. 18.
Iarussi, Michael V.: *See*—
Brocco, J. L., and Iarussi.
Iavelli, Teno: *See*—
Neracher, C. A., Dunn, Iavelli, and Syrovy.
Iavelli, Teno, and W. T. Dunn, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Power transmission. 2,375,790; May 15.
Ibarra, Frank, San Francisco, Calif. Airplane brake. 2,381,957; Aug. 14.
Ibbott, Harold W., assignor to H. N. and P. E. Negretti, London, England. Responsive device for producing and transmitting variable fluid pressure. 2,369,463; Feb. 13.
Ibbott, Harold W., assignor to Negretti & Zambra, London, England. Self-aligning antivibration coupling. 2,378,851; June 19.
Ice Cream Novelties, Inc.: *See*—
Overland, Leo D., assignor.
Icke, Roland N.: *See*—
Allen, G. A., and Icke.
Idaho Maryland Mines Corporation: *See*—
Brandenburg, Hellmuth R., assignor.
Iddings, Roscoe C., E. R. Bork, and H. G. Williams, assignors to The Fyr-Fyter Company, Dayton, Ohio. Fire extinguisher. 2,383,129; Aug. 21.
Ideal Laboratory Tool & Supply Co.: *See*—
Kallenbach, Donald D., assignor.
Ideal Novelty & Toy Co.: *See*—
Baggott, Edmund W., assignor.
Ideal Roller & Manufacturing Company: *See*—
Lippincott, Wells A., assignor.
Iden, Floyd W., assignor to Federal Telephone and Radio Corporation, Newark, N. J. Alternator. 2,380,968; Aug. 7.
Iden, Fred B., Cleveland Heights, Ohio, assignor to General Electric Company. Coiling machine for fine wire. 2,372,082; Mar. 20.
Iden, Fred B., Cleveland Heights, Ohio, assignor to General Electric Company. Machine head-control mechanism. 2,376,540; May 22.
Iglehart, Ferdinand C., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Latched-in magnetic switch. 2,370,038; Feb. 20.
Iglehart, Ferdinand C., Wilkinsburg, and B. L. Ullrich, Forest Hills, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Bus transfer. 2,370,039; Feb. 20.
Iglehart, Ferdinand C., and R. B. Immel, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Contactor. 2,374,017; Apr. 17.
Ihrig, Donald G., Evanston, Ill., assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Battery-generator power supply system. 2,386,118; Oct. 2.
Ileman, Emil A., Bethlehem, Pa., assignor, by mesne assignments, to Realty and Industrial Corporation, Convent, N. J. Circuit breaker. 2,386,611; Oct. 9.
Iler, George A., Riverside, assignor, by mesne assignments, to General Finance Corporation, Chicago, Ill. Valve. 2,381,287; Aug. 7.
Iler, George A., Riverside, assignor to Roberts & Porter, Inc., Chicago, Ill. Dampening mechanism for printing presses. 2,389,730; Nov. 27.
Iler, Ralph K., East Cleveland, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of sodium sulphate and chlorine. 2,375,000; May 1.
Iler, Ralph K., East Cleveland, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of chlorine and sodium sulphate. 2,375,001; May 1.
Iler, Ralph K., Cleveland Heights, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Insolubilizing protein and product. 2,381,752; Aug. 7.
Iler, Ralph K., East Cleveland, and F. J. McAdams, Cleveland, Ohio, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Making sodium sulphate and chlorine. 2,375,002; May 1.
Ilford Limited.: *See*—
Challis, Kenneth J., assignor.
Chilton, Leonard V., assignor.
Chilton, L. V., and Woosley, assignors.
Dimsdale, W. H., and Clarke, assignors.
Fry, D. J., and Kendall, assignors.
Kendall, John D., assignor.
Kendall, J. D., and Fry, assignors.
Kendall, J. D., and Majer, assignors.
Kendall, J. D., Suggate, and Wood, assignors.
Kendall, J. D., Wood, and Majer, assignors.
Ilieff, Ilion, Detroit, Mich. Shade and curtain bracket. 2,386,861; Oct. 16.
Illinois Clay Products Company, The: *See*—
Nichols, Arthur S., assignor.
Illinois Engineering Company, The: *See*—
Ebretsman, J. L., and Leutwiler, assignors.
Illinois Lock Company, The: *See*—
Dequick, Henry J., assignor.
Illinois Railway Equipment Company: *See*—
Harbert, Victor H., assignor.
Johnson, Malcolm S., assignor.

Illinois Testing Laboratories, Inc.: *See*—
Breitenstein, Victor W., assignor.
Illinois Tool Works: *See*—
Cadwallader, Alvin A., assignor.
Hanneman, Walter M., assignor.
Olson, Carl G., assignor.
Poupitch, Ougljesa J., assignor.
Illion, Jeanette, Newark, N. J. Package. 2,383,389; Aug. 21.
Ilimer, Louis, Cortland, N. Y. High-speed bending roller machine. 2,369,234; Feb. 13.
Ilimer, Louis, Cortland, N. Y. Rotor grinder machine. 2,385,445; Sept. 25.
Imber, Jack, Farnham Common, England. Detonating device. 2,382,879; Aug. 14.
Imhof, Alfred G., London, and L. Hoyles, Stanmore, England; said Hoyles assignor to said Imhof. Portable tool. 2,389,314; Nov. 20.
Imhoff, Carroll E.: *See*—
Pankey, T. L., and Imhoff.
Imm, Lewis W., Glendale, assignor to Librascope, Incorporated, Burbank, Calif. Balance computer. 2,373,566; Apr. 10.
Immel, Ralph B.: *See*—
Iglehart, F. C., and Immel.
Immel, Ralph B., and R. T. Kintzing, Wilkinsburg, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Direct-current energized contactor. 2,380,442; July 31.
Immel, Ralph B., Wilkinsburg, Pa., and F. Slamar, Annapolis, Md., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Shock responsive latching device. 2,382,995; Aug. 21.
Immel, Ralph B., Wilkinsburg, and L. Pierce, Edgewood, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Resistance unit. 2,390,790; Dec. 11.
Imperial Brass Manufacturing Company, The: *See*—
Franck, George E., assignor.
Imperial Chemical Industries Limited: *See*—
Anderson, J. G., Hill, and Morgan, assignors.
Arnold, Michael H. M., assignor.
Arnold, M. H. M., and Perry, assignors.
Bacon, R. G. R., and Evans, assignors.
Bacon, R. G. R. and Richards, assignors.
Baird, W., Hill, Harris, Oakeshott, and Wilson, assignors.
Batty, J. W., and Fairweather, assignors.
Beckett, Ernest G., assignor.
Boon, William R., assignor.
Boon, W. R., and Lowe, assignors.
Booth, W. E., and Cosway, assignors.
Bremner, J. G. M., Reynolds, and Taylor, assignors.
Bremner, J. G. M., Stanley, Jones, and Taylor, assignors.
Brown, Cedric J., assignor.
Bryce, G., and Williams, assignors.
Buckley, G. D., and Piggott, assignors.
Burgoine, E., Collie, and New, assignors.
Caldwell, Walter A., assignor.
Crawford, J. W. C., and Jones, assignors.
Cuss, N. W., Salkeld, and Walker, assignors.
Foster, Reginald T., assignor.
Flint, C. F., and Clarke, assignors.
Giles, C. H., and Wilkinson, assignors.
Goodings, E. P., and Rogers, assignors.
Gudgeon, H., and Hill, assignors.
Gudgeon, H., Isaacs, and Morgan, assignors.
Haddock, Norman H., assignor.
Helmore, William, assignor.
Heywood, B. J., Knight, and Lapworth, assignors.
Huebner, D. W., and Fearey, assignors.
Jesson, Walter F., assignor.
Kay, Eric, assignor.
Knight, Arthur H., assignor.
Knight, A. H., and Stephen, assignors.
Levy, Norman, assignor.
Mooney, R. B., and Wentworth, assignors.
Myles, J. R., Whittaker, and Siddle, assignors.
Ogle, Frank L., assignor.
Roberts, Alexander M., assignor.
Rogers, Maurice A. T., assignor.
Shakesby, Leonard, assignor.
Shuffebotham, John S., assignor.
Smith, Arthur E. W., assignor.
Smith, A., and Scaife, assignors.
Smith, A. E. W., Scaife, and Stanley, assignors.
Smith, A. E. W., Stanley, and Scaife, assignors.
Taylor, Harold, assignor.
Thomson, Robin H. K., assignor.
Walmesley, Robert A., assignor.
Walters, Oswald H., assignor.
Whitworth, E., and Thomson, assignors.
Williams, Edmond G., assignor.
Williamson, A. T., and Bradley, assignors.
Wilson, Christopher L., assignor.
Imperial Chemical Industries Limited, et al.: *See*—
Barker, S. N., Selman, Bull, Marten-Gwilliam, Wark, and Thomson, assignors.
Imperial Industries Limited: *See*—
Caldwell, Walter A., assignor.
Imperial Knife Company, Inc.: *See*—
Miranda, Michael A., assignor.
Imperial Typewriter Company, Limited, The: *See*—
Brumhill, Claude W., assignor.
Incagnoli, Venanzio, Ceprano, Forsinone, Italy; vested in the Alien Property Custodian. High note producing system in saxophones. 2,382,880; Aug. 14.
"Incindor", Coal Ignitor Company, Inc.: *See*—
Elkan, Fred, assignor.
Independent Lock Company: *See*—
Falk, William, assignor.
Independent Pneumatic Tool Company: *See*—
Forss, Frithiof P., assignor.
Kaman, Frank A., assignor.
Mitchell, Walter G., assignor.
Indge, Herbert S., Westboro, assignor to Norton Company, Worcester, Mass. Lapping machine. 2,369,107; Feb. 6.
Indge, Herbert S., Westboro, and C. W. Lund, Boylston, assignors to Norton Company, Worcester, Mass. Cam lapping machine. 2,373,040; Apr. 17.
Indian Archery & Toy Corporation: *See*—
Brading, Harry M., assignor.
Indian Motocycle Company: *See*—
Du Pont, E. P. and S., assignors.
Stewart, John H. F., assignor.
Induction Heating Corporation: *See*—
Rudd, Wallace C., assignor.
Wile, Raymond S., assignor.
Industriaktiebolaget Luxor: *See*—
Noren, H., and Kylemo, assignors.
Industrial Abrasives, Inc.: *See*—
Metzger, Leopold H., assignor.
Industrial Brownhoist Corporation: *See*—
Taylor, Ernest W., assignor.
Taylor, E. W., and Nielsen, assignors.
Terrill, Franklin E., assignor.
Industrial Chemicals, Inc.: *See*—
Kilduff, Charles J., assignor.
Industrial Engineering Corporation: *See*—
Legere, Alderic C., assignor.
Miller, William F., assignor.
Industrial Machine and Supply Co.: *See*—
Fankhouser, L. E., and Glotfelty, assignors.
Industrial Patents Corporation: *See*—
Bayles, John R., assignor.
Britt, Max, assignor.
Brown, Leo C., assignor.
Chapman, Thomas J. C., assignor.
Christopher, Edward F., assignor.
Eshbaugh, C. H., Mitchell, and Paddock, assignors.
Grettie, Donald P., assignor.
Gunther, James K., assignor.
Lohner, C. L., and Rueckert, assignors.
Mink, Leon D., assignor.
Newton, Lowell R., assignor.
Newton, L. R., Haase, and Walter, assignors.
Nott, R. A., and Ellis, assignors.
Parsons, C. H., and Mink, assignors.
Phelps, G. W., and Black, assignors.
Reichel, Howard G., assignor.
Scott, Everett C., assignor.
Walter, Charles T., assignor.
Walter, C. T., and Newton, assignors.
Williams, Beverly E., assignor.
Williams, B. E., and Cadwell, assignors.
Young, Harland H., assignor.
Young, H. H. and C. S., and Bradford, assignors.
Zeigler, Clarence C., assignor.
Industrial Rayon Corporation: *See*—
Browne, Francis C., assignor.
Corey, Lorin A., assignor.
Heiseth, S. T., and Fauver, assignors.
Hoagland, Reginald W., assignor.
McLellan, Kenneth M., assignor.
Tarbox, John P., assignor.
Industrial Research Laboratories, Ltd.: *See*—
Hahn, Otto W., assignor.
Industrial Steels Limited: *See*—
Greenberg, Leon, assignor.
Industrial Wire Cloth Products Company: *See*—
Mieras, Merritt A., assignor.
Ineson, Clifton H., Oakville, Conn., assignor, by mesne assignments, to Allied Control Company, Inc., New York, N. Y. Self-locking nut. 2,391,421; Dec. 25.
Infilco Incorporated: *See*—
Behrman, Abraham S., assignor.
Behrman, A. S., and Gustafson, assignors.
Green, Walter H., assignor.
Gustafson, Hilding B., assignor.
Hughes, Walter J., assignor.
Koupal, Robert J., assignor.
McBride, George A., assignor.
Prager, Frank D., assignor.
Vallez, Henry A., assignor.
Ingalls, David, Westfield, assignor to Titeflex, Inc., Newark, N. J. Metal conduit. 2,367,944; Jan. 23.
Ingalls, David, Westfield, N. J., assignor to Titeflex, Inc. Apparatus for making corrugated tubing. 2,383,253; Aug. 21.
Ingalls, David, Westfield, assignor to Titeflex, Inc., Newark, N. J. Flexible connection. 2,386,862; Oct. 16.
Ingalls Iron Works Company, The: *See*—
Reskin, Leon, assignor.
Ingalls, John, assignor to Cone Automatic Machine Company, Inc., Windsor, Vt. Collet with removable pads. 2,382,060; Aug. 14.

Ingalls, John M.: *See*—
Miller, C. E., and Ingalls.

Ingenlörsfirma Viggo Aktiebolag: *See*—
Ravén, Carl R., assignor.

Ingerman, Fred O., San Francisco, Calif. Scaffold ledger bracket. 2,376,966; May 29.

Ingersoll-Rand Company: *See*—
Carr, Walter E., assignor.
Doyle, F. B., Markley, and Plummer, assignors.
Dickenson, Ernest H., assignor.
Hornschuch, Hanns, assignor.
Lincoln, Paul A., assignor.
McConaghy, James W., assignor.
Miller, Frank, assignor.
Reynolds, Harold C., assignor.
Sellars, Oliver H., assignor.
Slater, Fred M., assignor.
Stepanoff, Alexey J., assignor.
Wickens, Edward F., assignor.
Yerger, Paul A., assignor.
Zimmerman, Robert D., assignor.

Ingersoll, Roy C.: *See*—
Cravener, D. H., Jr., Ingersoll, and Wendel.

Ingersoll, Roy C., Winnetka, assignor to Borg-Warner Corporation, Chicago, Ill. Forming conical disks. 2,382,485; Aug. 14.

Ingersoll, Theo E.: *See*—
Balmer, Harold J., assignor.

Ingham, Herbert S.: *See*—
Shepard, A. P., and Ingham.

Ingham, Robert J., Jr., Fairfield, Conn., assignor to Manning, Maxwell & Moore, Incorporated, New York, N. Y. Temperature compensated Bourdon tube instrument. 2,387,909; Oct. 30.

Ingle, Henry W., Windsor, assignor to Hartford-Empire Company, Hartford, Conn. Closure hold-down spring clamp for packing jars. 2,380,443; July 31.

Ingram, Joseph R., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Preservation of rubber. 2,374,098; Apr. 17.

Ingram, Sydney B., Fairlawn, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical impulse counting circuit. 2,384,379; Sept. 4.

Ingres, Jeannot G., Detroit, Mich., assignor to Automatic Shifters, Inc., Richmond, Va. Hydraulic brake operating mechanism. 2,374,545; Apr. 24.

Ingwer, Max, and W. W. Schwarz, assignors to Consolidated Sewing Machine & Supply Co. Inc., New York, N. Y. Power transmission device. 2,387,910; Oct. 30.

Inhoffen, Hans H., Berlin-Wilmersdorf, Germany, assignor to Schering Corporation, Bloomfield, N. J. Neutral esters of polybasic aliphatic acids with hydroxy compounds and the androstane and pregnane series and making the same. 2,384,550; Sept. 11.

Inland Steel Company: *See*—
Haig, Paul, assignor.
Martin, Edwin D., assignor.

Inland Steel Container Co.: *See*—
Godshalk, Alva J., assignor.
Surerus, Victor M., assignor.

Inland Wire Products Company: *See*—
Cleveland, Harry W., assignor.

Inman, George E., East Cleveland, Ohio, assignor to General Electric Company. Electric discharge apparatus. 2,378,222; June 12.

Inman, Ulysses A., Long Beach, Calif. Apparatus for balancing wheels. 2,378,018; June 12.

Inman, Walter V., Obion, assignor of one-half to M. I. Wood, Memphis, Tenn. Unloading machine. 2,381,958; Aug. 14.

Inman, William H., assignor to Bloomer Bros. Company, Newark, N. J. Carton. 2,367,780; Jan. 23.

Inman, William H., assignor to Bloomer Bros. Company, Newark, N. Y. Carton partition means. 2,381,543; Aug. 7.

Innes, Walter P., Jr.: *See*—
Bidwell, Earl E., assignor.

Inredeco, Inc.: *See*—
Durrenmatt, H. K., and de Schoulepnikow, assignors.
Huguenin, Richard, assignor.

Inslee, Heber C., East Orange, N. J., assignor, by mesne assignments, to Rockrite Processes, Inc., Stamford, Conn. Steadier for elongated workpieces and mandrel bars. 2,374,939; May 1.

Inslee, Heber C., East Orange, N. J., assignor, by mesne assignments, to Rockrite Processes, Inc., Stamford, Conn. Reducing mill. 2,386,863; Oct. 16.

Inslee, Heber C., assignor, by mesne assignments, to Rockrite Processes, Inc., Stamford, Conn. Steadier for elongated workpieces and mandrel bars. 2,386,864; Oct. 16.

Inslee, Heber C., East Orange, N. J., assignor, by mesne assignments, to Rockrite Processes, Inc., Stamford, Conn. Reducing mill. 2,387,515; Oct. 23.

Institutum Divi Thomae Foundation, The: *See*—
Sperti, George S., assignor.

Insuline Corporation of America, Inc.: *See*—
Heller, Alexander G., assignor.

Intava Ltd.: *See*—
West, H. L., and Ogston, assignors.

Interchemical Corporation: *See*—
Abrams, John R., assignor.
Carman, E. F., and Reil, assignors.
Cassel, Norman S., assignor.
Dench, Edward C., assignor.
Fischer, Earl K., assignor.
Glabaivo, Vito A., assignor.
Grupe, William F., assignor.
Jenck, F. J., and Rietz, assignors.
Jones, Wilbur L., assignor.
Lent, Clifford M., assignor.
Opp, Carl, assignor.
Pall, David B., assignor.
Pizzarello, Roy A., assignor.
Reynolds, W. B., and Scully, assignors.
Rietz, C. A., and Jeuck, assignors.
Rolle, Clifford J., assignor.
Ryan, L. W., and Sanders, assignors.
Saunders, A., and Engle, assignors.
Wickwire, A. M., Jr., assignor.
Wilson, M. M., and Berry, assignors.

Interior, United States of America as represented by the Secretary of the: *See*—
Clemmer, J. B., and Clemmons, assignors.
Fox, A. L., and Chindgren, assignors.
Lamb, F. D., and Banning, assignors.
Lee, Frederick W., assignor.

International Bitumen Emulsions Limited: *See*—
James, Robert L., assignor.

International Business Machines Corporation: *See*—
Ayres, Waldemar A., assignor.
Ayres, W. A., and Page, assignors.
Bailey, William J. A., assignor.
Bailey, W. J., and Whiteman, assignors.
Bailey, W. J. A., and Whiteman, assignors.
Beattie, Horace S., assignor.
Blakely, Robert T., assignor.
Brand, S., and Cunningham, assignors.
Brand, Samuel, assignor.
Bryce, James W., assignor.
Buehl, Russell C., assignor.
Casey, Robert T., assignor.
Cunningham, James M., assignor.
Daly, George F., assignor.
Daly, G. F., and Esher, assignors.
Daly, G. F., Malmros, and Phillips, assignors.
Dickinson, Arthur H., assignor.
Dodge, Ronald D., assignor.
Doty, Charles R., assignor.
Ford, Eugene A., assignor.
Ghertman, Iolno, assignor.
Hood, James D., assignor.
Johnson, Reynold B., assignor.
Keen, Harold H., assignor.
Keen, H. H., and Wright, assignors.
Lake, Clair D., assignor.
Lake, C. D., and Daly, assignors.
Lake, C. D., and Hamilton, assignors.
Lamb, Eugene J., assignor.
Lang, William, assignor.
Leathers, W., and Haddad, assignors.
Leathers, W., and Panissidi, assignors.
Luhn, Hans P., assignor.
Mills, A. W., Furman, and Rabenda, assignors.
Nichols, Harry J., assignor.
Page, R. E., and Beattie, assignors.
Rabenda, Edward J., assignor.
Rast, Frederick Q., assignor.
Rubidge, D. W., Manning, Hood, and Greene, assignors.
Rutbell, Clarence C., assignor.
Smathers, James F., assignor.
Sprecker, Alfred L., assignor.
Terry, Bennett F., assignor.
Tholstrup, Henry L., assignor.
Torkelson, Torkel E., assignor.
von Reppert, Richard, assignor.
Watson, A. K., Lewis, and Walsh, assignors.
Watson, Thomas J., assignor.
Watson, T. J., and Phillips, assignors.
Wheeler, John N., assignor.

International Cigar Machinery Company: *See*—
Clausen, Sigurd, assignor.
Clausen, S., and Broekhuysen.
Durning, James P., assignor.
Gladeck, Frederick C., assignor.
Halstead, John F., assignor.
Olsson, Carl, assignor.
Rundell, Rupert E., assignor.
Wells, Franklin H., assignor.
Wheeler, Henry H., assignor.

International Code Machine Company: *See*—
Hebern, Edward H., assignor.

International Derrick & Equipment Company, The: *See*—
Athy, Clifford R., assignor.
McEwen, John D., assignor.

International Detrola Corporation: *See*—
Higham, William W., assignor.
Tyson, Levi D., assignor.

International Harvester Company: *See*—
Aasland, John L., assignor.
Acton, Russel D., assignor.
Ash, Roy C., assignor.
Baker, D. B., and Bechman, assignors.
Baker, D. B., Holub, and Nickla, assignors.
Bechman, William O., assignor.
Blaydes, Frederick T., assignor.
Buck, Foster, assignor.
Crumb, C. F., and Gerber, assignors.
Dewey, Frederick L., assignor.
Dyrr, Jacob V., assignor.
Evans, Arthur G., assignor.
Fusick, Leland B., assignor.
Haas, Clarence C., assignor.
Hall, John R., assignor.
Harstick, William H., assignor.
Herratrom, Hjalmar Q., assignor.
Hillblom, Samuel E., assignor.
Hipple, James L., assignor.
Hitchcock, Rex B., assignor.
Hitchcock, R. B., and Keller, assignors.
Hitchcock, R. B., and Rosenthal, assignors.
Hubert, C. A., and Land, assignors.
Hyman, Benjamin M., assignor.
Johnson, A. E. W., and Hitchcock, assignors.
Johnson, A. E. W., Orelind, and Smith, assignors.
Johnston, Edward A., assignor.
Kooyman, Adrianus A., assignor.
Kreigbaum, George M., assignor.
Lundberg, Gustave E., assignor.
Lundberg, G. E., and Crawford, assignors.
Lyle, James E., assignor.
McNamara, Gordon G., Jr., assignor.
Messenger, R. P., Kaupke, and Raney, assignors.
Miller, George H., assignor.
Millard, Lee P., assignor.
Millard, L. P., and Pool, assignors.
Mitchell, Melville J., assignor.
Mitchell, M. J., and Millard, assignors.
Morkoski, James, assignor.
Mott, Carl W., assignor.
Nickla, L. E., and Crawford, assignors.
Orelind, John R., assignor.
Orelind, J. R., and Evans, assignors.
Orendorff, John W., assignor.
Parsons, Harry N., assignor.
Peterson, Raymond E., assignor.
Pool, S. D., and Faust, assignors.
Raney, Clemmn R. and R. R., assignors.
Raney, Russell R., assignor.
Rogers, Clifford R., assignor.
Renno, Donald G., assignor.
Scarlett, Arthur A., assignor.
Scarlett, A. A., and Higginson, assignors.
Scarlett, A. A., and Young, assignors.
Schmied, William F., assignor.
Smith, Hiram P., assignor.
Smith, H. P., and Blaydes, assignors.
Vogel, Hilmond O., assignor.

International Heater Company: *See*—
Wagstaff, Albert E., assignor.

International Lubricant Corporation: *See*—
Fraser, Harold M., assignor.

International Marine Radio Company Limited: *See*—
Thorpe-Woods, Henry, assignor.

International Minerals & Chemical Corporation: *See*—
Butt, C. A., and Hallman, assignors.
Royal, Celestian L., assignor.

International Multifeed Drills, Ltd.: *See*—
Hoffar, Henry S., assignor.

International Mutoscope Corporation: *See*—
Lissiansky, Alexander, assignor.

International Nickel Company, The: *See*—
Gagnebin, Albert P., assignor.

International Nickel Company, Inc., The: *See*—
Bieber, Clarence G., assignor.
Kalil, Eugene J., assignor.
Mudge, William A., assignor.
Renzoni, Louis S., assignor.
Spence, Neville S., assignor.
Wallis, A. E., and Townshend, assignors.
Wallis, A. E., and West, assignors.

International Paper Box Machine Company, The: *See*—
La Bombard, Leon E., assignor.
Labombarde, Harold S., assignor.
Youngchild, Casper E., assignor.

International Plastic Corporation: *See*—
Schleman, Gustave, assignor.

International Plastic Harmonica Corporation: *See*—
Magnus, Finn H., assignor.

International Pulverizing Corporation: *See*—
Andrews, Norwood H., assignor.

International Register Company: *See*—
Gallagher, William P., assignor.

International Silver Company: *See*—
Glike, Frederick C., assignor.

International Standard Electric Corporation: *See*—
Carroll, Louis W., assignor.
Deakin, Gerald, assignor.
Fairley, Frank, assignor.
Fremlin, John H., assignor.
Hardy, René, assignor.
Hatton, William, assignor.
Komives, L. I., Courtis, and Thomas, assignors.
Lee, Edwin C., assignor.
Litton, Charles V., assignor.
Maddock, Alan J., assignor.
McLarn, Ernest S., assignor.
McLarn, E. S., and Leibe, assignors.
McWhirter, E. M. S., and Chambers, assignors.
Morley, John F., assignor.
Smyth, Charles N., assignor.
Spangenberg, Karl, assignor.
Terman, Frederick E., assignor.
Ulrich, Edward H., assignor.
Webb, John K., assignor.
Williams, Herbert P., assignor.

Interstate Aircraft and Engineering Corp.: *See*—
Schuler, Carl J., assignor.

Interstate Bakeries Corporation: *See*—
Cohen, M., Enoch, Hasty, and Jorgenson, assignors

Intertype Corporation: *See*—
Klingberg, E. G., Stadelmann and Freund, assignors.

Interwoven Stocking Company: *See*—
Clarke, Edgar W., assignor.
Thurston, P. L., and Nagley, assignors.

Invidiato, Cosmo L., Paterson, N. J. Adjustable crutch. 2,366,406; Jan. 2.

Ioco Rubber and Waterproofing Company Limited, The: *See*—
Ryan, Alfred, assignor.

Iodent Chemical Company: *See*—
Lautmann, Alfred J., assignor.

Iowa State College Research Foundation: *See*—
Fulmer, E. I., Underkofler, and Hickey, assignors.
Levine, Max, assignor.

Ipatieff, Vladimir N.: *See*—
Linn, C. B., and Ipatieff.
Pines, H., and Ipatieff.
Schmerling, L., and Ipatieff.

Ipatieff, Vladimir N., assignor to Universal Oil Products Company, Chicago, Ill. Production of butadiene. 2,374,433; Apr. 24.

Ipatieff, Vladimir N., and V. Haensel, assignors to Universal Oil Products Company, Chicago, Ill. Dehydrogenation of hydrocarbons. 2,366,551; Jan. 2.

Ipatieff, Vladimir N., and C. B. Linn, Riverside, assignors to Universal Oil Products Company, Chicago, Ill. Alkylation of isoparaffins. 2,366,731; Jan. 9.

Ipatieff, Vladimir N., and L. Schmerling, Riverside, assignors to Universal Oil Products Company, Chicago, Ill. Alkylation of aromatic hydrocarbons. 2,374,600; Apr. 24.

Ipatieff, Vladimir N., and R. E. Schaad, assignors to Universal Oil Products Company, Chicago, Ill. Alkylation of benzene. 2,382,318; Aug. 14.

Ipatieff, Vladimir N., and H. Pines, Riverside, assignors to Universal Oil Products Company, Chicago, Ill. Isomerization of saturated hydrocarbons. 2,382,881; Aug. 14.

Ipatieff, Vladimir N., and H. Pines, Riverside, assignors to Universal Oil Products Company, Chicago, Ill. Isomerization of saturated hydrocarbons. 2,382,882; Aug. 14.

Ipatieff, Vladimir N., and R. E. Schaad, assignors to Universal Oil Products Company, Chicago, Ill. Isomerizing normal butenes to isobutene. 2,386,468; Oct. 9.

Ipatieff, Vladimir N., and V. Haensel, assignors to Universal Oil Products Company, Chicago, Ill. Dehydrocyclization of aliphatic hydrocarbons. 2,386,957; Oct. 16.

Ipatieff, Vladimir N., and V. Haensel, assignors to Universal Oil Products Company, Chicago, Ill. Conversion of ethylene. 2,389,780; Nov. 27.

Irby, James W., Dayton, Ohio. Parachute release. 2,383,485; Aug. 28.

Irion, Clarence E., Montclair, N. J., assignor to General Printing Ink Corporation, New York, N. Y. Printing ink. 2,381,753; Aug. 7.

Irmscher, Hans O., Roslyn, Long Island, assignor to National Urn Bag Co., Inc., Long Island City, N. Y. Machine for manufacturing heat sealing filter sheet materials. 2,370,168; Feb. 27.

Irmscher, Hans O., Roslyn, N. Y., assignor to National Urn Bag Company, Inc. Mechanism for heat sealing package seam joints. 2,376,360; May 22.

Iron Fireman Manufacturing Company: *See*—
Wright, Richard C., assignor.

Ironside, George, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Handle for automatic firearms. 2,369,052; Feb. 6.

Ironside, George, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Cartridge belt reel and bracket therefor. 2,372,424; Mar. 27.

Ironside, George, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Magazine for automatic firearms. 2,381,959; Aug. 14.

Ironside, George, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Magazine for automatic firearms. 2,388,413; Nov. 6.

Irresistible, Inc.: *See*—
Naldech, Louis, assignor.
Irstad, Eric R., Stockholm, Sweden. Transmission device for machine tools. 2,371,330; Mar. 13.
Irvin Fallskärmsaktiebolag: *See*—
Kjellson, Henry W., assignor.
Irvin, Leslie L., Letchworth, England, assignor to Irving Air Chute Company, Inc., Buffalo, N. Y. Aviator's emergency equipment. 2,375,655; May 8.
Irvin, Ward M., Battle Creek, Mich. Snuffer and snuffing. 2,371,445; Mar. 13.
Irvine, Jan S., Pelham, N. Y., and R. F. Clark, Westfield, N. J., assignors to Owens-Corning Fiberglas Corporation, Toledo, Ohio. Fastening for fibrous boards. 2,376,698; May 22.
Irvine, William L., Brooklyn, assignor to The American Sugar Refining Company, New York, N. Y. Bundle sealing machine. 2,372,578; Mar. 27.
Irving Air Chute Company, Inc.: *See*—
Irvin, Leslie L., assignor.
Irving, Walter E.: *See*—
Prince, Burton A., assignor.
Irvington Varnish & Insulator Co.: *See*—
Weibel, Elmer T., assignor.
Irwin, Emmett M., San Marino, G. E. Lewis, Alhambra, R. H. Duval, Los Angeles, B. H. Rule, Pasadena, and R. M. Chenoweth, assignors to Cooperative Development Co., Los Angeles, Calif. Electrical switch. 2,369,296; Feb. 13.
Irwin Foundry & Mine Car Company: *See*—
Altimus, Miles, assignor.
Irwin, John, Jr., New York, N. Y. Power saw for felling and cutting pulpwood. 2,378,554; June 19.
Irwin Machinery Company: *See*—
Herz, Cornelius M., assignor.
Irwin, Oliver C., deceased, by Standard Cap & Seal Corporation, assignee, New York, N. Y. Refrigerating system. Re. 22,677; Oct. 2.
Irwin, Oliver C., deceased, by Standard Cap & Seal Corporation, New York, N. Y., a corporation of Virginia, assignee. Refrigerating system. Re. 22,678; Oct. 9.
Irwin, Robert W., and C. M. Herz, Grand Rapids, Mich.; said Herz assignor to said Irwin. Veneer joining machine. 2,371,331; Mar. 13.
Isaac, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Film reel. 2,384,621; Sept. 11.
Isaacs, Elias: *See*—
Gudgeon, H., Isaacs, and Morgan.
Isaacson Iron Works: *See*—
Gammel, John A., assignor.
Isaacson, Leon D., Brooklyn, N. Y. Device for creating, testing, and measuring stereopsis. 2,371,999; Mar. 20.
Isaak, Albert F., Cedar Falls, Iowa. Garment hanger. 2,370,313; Feb. 27.
Isakson, Stig, Portland, Oreg. Lock nut. 2,367,399; Jan. 16.
Isbell, Horace S., Washington, D. C., assignor to Government of the United States, represented by the Secretary of Commerce. Chemical process and product. 2,380,444; July 31.
Isbister, Eric J.: *See*—
Norden, E., Gemill, and Isbister.
Iseman, John W., assignor of one-half to L. De Urzaiz, New York, N. Y. Rotary burnishing tool. 2,390,651; Dec. 11.
Isenberg, Rudolf A., and R. S. Pershing, Los Altos, and C. Van H. King, Jr., E. D. Patton, and R. Caraway, San Francisco, Calif., assignors to Perishables Shipping Equipment Company. Refrigeration mechanism. 2,383,486; Aug. 28.
Isenberg, Sampson, assignor to General Luminescent Corporation, Chicago, Ill. Luminescent coating material. 2,389,781; Nov. 27.
Isenberg, Sampson, assignor to General Luminescent Corporation, Chicago, Ill. Printing method and product. 2,391,705; Dec. 25.
Isham, Robert M., Okmulgee, Okla., assignor to Danciger Oil & Refineries, Inc., Fort Worth, Tex. Separation of acetylene from gaseous mixtures. 2,383,551; Aug. 28.
Isham, Robert M., Okmulgee, Okla., assignor to Danciger Oil & Refineries, Inc., Fort Worth, Tex. Production of succinic and maleic acids from butyrolactone. 2,385,518; Sept. 25.
Isler, Harry K., assignor to Sylvania Electric Products Inc., Emporium, Pa. Electron discharge device. 2,372,379; Mar. 27.
Isler, Sol, New York, N. Y. Plastic umbrella frame construction. 2,385,575; Sept. 25.
Israel, Jean I. L., Rio de Janeiro, Brazil. Clasping device for bags, portfolios, envelopes, and the like. 2,385,576; Sept. 25.
Israel, Sidney, Brooklyn, N. Y. Combined call-indicator, dialer, and timer. 2,379,303; June 26.
Issaly, Raoul M. L., La Tronche, France; vested in the Alien Property Custodian. Wooden sole for shoes. 2,370,963; Mar. 6.
Isserstedt, Siegfried G., Toronto, Ontario, Canada, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Fluid fuel burner control apparatus. 2,372,276; Mar. 27.
Isserstedt, Siegfried G., Toronto, Ontario, Canada, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Stoker control. 2,373,186; Apr. 10.
Isserstedt, Siegfried G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Fuel burner control. 2,377,235; May 29.
Isserstedt, Siegfried G., Toronto, Ontario, Canada, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control mechanism. 2,384,380; Sept. 4.
Isserstedt, Siegfried G., Toronto, Ontario, Canada, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control system. 2,384,622; Sept. 11.
Isserstedt, Siegfried G., Toronto, Ontario, Canada, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Aircraft control apparatus. 2,387,795; Oct. 30.
Isserstedt, Siegfried G., Toronto, Ontario, Canada. Curtain suspending means. 2,388,061; Oct. 30.
Ittner, Martin H., assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Soap and making same. 2,377,424; June 5.
Ivers-Lee Company: *See*—
Salfisberg, Leroy L., assignor.
Iversen, Norman H., Birmingham, assignor, by mesne assignments, to Shatterproof Glass Corporation, Detroit, Mich. Chuck. 2,386,469; Oct. 9.
Iverson, Cato, assignor to The National Rubber Machinery Company, Akron, Ohio. Vulcanizing press. 2,374,099; Apr. 17.
Iverson, John O., assignor to Universal Oil Products Company, Chicago, Ill. Hydrogen fluoride alkylation process. 2,378,636; June 19.
Iverson, John O., assignor to Universal Oil Products Company, Chicago, Ill. Hydrogen fluoride alkylation process. 2,388,918; Nov. 13.
Iverson, John O., assignor to Universal Oil Products Company, Chicago, Ill. Hydrogen fluoride alkylation process. 2,388,919; Nov. 13.
Iverson, John O., assignor to Universal Oil Products Company, Chicago, Ill. Isomerization of saturated hydrocarbons. 2,390,883; Dec. 11.
Iverson, Sigmund I., Minneapolis, Minn. Handwheel for lawn hose couplings. 2,384,498; Aug. 7.
Ives, H. B. Company, The: *See*—
Bloss, Herman, assignor.
Hagstrom, Gotthard, assignor.
Ives, Herbert E., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Optical range finder. 2,390,052; Dec. 11.
Iveson, Heerbert T.: *See*—
Julian, P. L., Meyer, and Iveson.
Ivie, James O.: *See*—
Thomas, M. D., and Ivie.
Ivory, Chester S., Bala-Cynwyd, assignor to The Estate of J. W. Ivory, Philadelphia, Pa. Dental matrix retainer. 2,374,750; May 1.
Ivory, J. W., The Estate of: *See*—
Ivory, Chester S., assignor.
Ivy, Jessie T., Seattle, Wash. Punching machine. 2,390,371; Dec. 4.
Ivy, Joe G., assignor to Westinghouse Electric Corporation, Pittsburgh, Pa. Variable voltage control. 2,383,971; Sept. 4.
Iwashita, George K., Indianapolis, Ind., assignor, by mesne assignments, to Admiral Corporation, Chicago, Ill. Refrigerator. 2,377,941; June 12.
J. P. Seeburg Corporation: *See*—
Kenney, Mahlon W., assignor.
J & S Tool Co.: *See*—
Jakobsen, Harry S., assignor.
Jabelmann, Otto, deceased, Omaha, Nebr.; T. R. Jabelmann, administratrix. Railway truck structure. 2,372,380; Mar. 27.
Jabelmann, Otto, deceased, Omaha, Nebr.; T. R. Jabelmann, administratrix. Railway car. 2,380,528; July 31.
Jabelmann, Teresa R., administratrix: *See*—
Jabelmann, Otto.
Jack & Heintz, Inc.: *See*—
Anderson, Axel L., assignor.
Bousky, Samuel, assignor.
Calhoun, Frank V., assignor.
Carlson, Bert G., assignor.
Conant, David J., assignor.
Dittman, Karl H., assignor.
Eiseman, R. J., and Wenner, assignors.
Goddard, Asa C., assignor.
Goddard, A. C., and Seme, assignors.
Gruenhagen, Henry, Inc., assignor.
Heintz, R. M., assignor.
Heintz, Ralph M., assignor.
Kunditz, Frank S., assignor.
Scofield, Philip F., assignor.
Jack, Norman H., Philadelphia, Pa. Continuously shielding wire in unlimited lengths. 2,386,119; Oct. 2.
Jacke, Raymond E., Richmond, Va. Game or toy. 2,377,498; June 5.
Jackel, Arthur P., Penn Township, Allegheny County, assignor to The Union Switch & Signal Company, Swissvale, Pa. Annunciating and indicating apparatus. 2,366,791; Jan. 9.
Jackel, Arthur P., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Selective receiver for remote control systems. 2,381,499; Aug. 7.

Jackes, Herman D.: *See*—
Hill, H. C., Jackes, and Kincaid.
Jackman, Harold F., Findlay, Ohio. Toy grenade. 2,367,027; Jan. 9.
Jackman, John J., Dayton, Ohio. Micrometer gauge. 2,391,020; Dec. 18.
Jacks, Sylvanus O., San Francisco, Calif. Collapsible foot tub. 2,382,637; Aug. 14.
Jackson, Albert S., Wood River, Ill., and E. W. Summers, Richmond Heights, Mo., assignors to Owens-Illinois Glass Company. Glassware spraying apparatus. 2,369,737; Feb. 20.
Jackson, Allton B.: *See*—
Clarkson, J. L., and Jackson.
Jackson, Arthur C., Swarthmore, Pa., assignor to L. V. Whistler, Kenmore, N. Y. Interchangeable punch and die. 2,387,027; Oct. 16.
Jackson, Arthur C., Swarthmore, Pa., assignor to L. V. Whistler, Kenmore, N. Y. Punch and die setting. 2,388,546; Nov. 6.
Jackson, Arthur L., West Asheville, assignor to American Enka Corporation, Enka, N. C. Bobbin spinning apparatus. 2,370,731; Mar. 6.
Jackson, Arthur L., West Asheville, assignor to American Enka Corporation, Enka, N. C. Manufacture of staple fiber. 2,384,032; Sept. 4.
Jackson, Byron, Co.: *See*—
Blom, Carl, assignor.
Jackson, Carey B.: *See*—
Wieczorek, G. A., Jr., and Jackson.
Jackson, Charles F.: *See*—
Duffield, N. H., and Jackson.
Jackson, Clinton D., Mondovi, Wis. Portable sawmill. 2,377,236; May 29.
Jackson, David, Pittsburgh, Pa. Fishing hook releaser. 2,385,415; Sept. 25.
Jackson, Diana M., New York, N. Y., now by marriage D. M. Laylin. Combination garment and carrying bag. 2,380,909; July 31.
Jackson, Edwin C., Clayton, and C. F. Frede, University City, Mo., assignors to General Steel Castings Corporation, Granite City, Ill. Railway truck. 2,379,005; June 26.
Jackson, George W.: *See*—
Joyce, W. J., and Jackson.
Jackson, George W., assignor to American Optical Company, Southbridge, Mass. Lens drill. 2,378,637; June 19.
Jackson, Henry A., Mount Lebanon, assignor to Hall Laboratories, Inc., Pittsburgh, Pa. Water treatment. 2,374,100; Apr. 17.
Jackson, Henry S., Springfield, La. Fuel atomizer. 2,391,422; Dec. 25.
Jackson, Honel A., Detroit, Mich. Electrical conductor. 2,375,656; May 8.
Jackson, Honel A., Detroit, Mich. Electrode holder. 2,375,657; May 8.
Jackson, Honel A., Detroit, Mich. Electrode holder. 2,386,398; Oct. 9.
Jackson, Honel A., Detroit, Mich. Welding electrode holder. 2,386,399; Oct. 9.
Jackson, James O., Crafton, assignor to Pittsburgh-Des Moines Company, Pittsburgh, Pa. Safety valve for storage tank roofs. 2,370,040; Feb. 20.
Jackson, James O., Crafton, assignor to Pittsburgh-Des Moines Company, Pittsburgh, Pa. Making welded joints. 2,371,823; Mar. 20.
Jackson, James O., Crafton, Pa., assignor to Pittsburgh-Des Moines Company. Spherical type insulated container for liquefied gases. 2,386,958; Oct. 16.
Jackson, James O., Crafton, Pa., assignor to Pittsburgh-Des Moines Company. Heat exchanger. 2,391,244; Dec. 18.
Jackson, John, Los Angeles, Calif. Nutcracker. 2,378,084; June 12.
Jackson, John K., assignor to Corning Glass Works, Corning, N. Y. Glass tempering apparatus. 2,372,898; Apr. 3.
Jackson, John W., Winnetka, Ill. Bending of boards. 2,373,567; Apr. 10.
Jackson, Leslie K.: *See*—
Lithgow, J., and Jackson.
Jackson, Lewis, Simpson, Kans. Bale elevator. 2,391,053; Dec. 18.
Jackson, Lloyd R., assignor to Battelle Memorial Institute, Columbus, Ohio. Experimental gun. 2,377,425; June 5.
Jackson, Lloyd R., and W. F. Stewart, assignors to Battelle Memorial Institute, Columbus, Ohio. Forming blocking layers on selenium coated plates. 2,391,706; Dec. 25.
Jackson, Merlin M., San Jose, Calif. Washing machine. 2,373,961; Apr. 17.
Jackson, Meryl A.: *See*—
Doran, H. M., Jackson, and Alf.
Jackson, Ralph G., Woodbury, N. J. Manufacture of sheet material. 2,380,762; July 31.
Jackson, Samuel, Jr., Haddonfield, N. J. Flare or fusee. 2,389,782; Nov. 27.
Jackson, Thomas: *See*—
Cantrell, H., Jackson, and Howarth.
Kees, Marshall C., assignor.
Jackson, Tom C., Lebanon, Ky. Dual-rotation test drive. 2,374,207; Apr. 24.
Jackson, William L., Greenville, S. C. Non-luminous cigarette holder. 2,372,277; Mar. 27.
Jacob, Carlyle W., Lynn, Mass. Electrical precipitation apparatus. 2,381,455; Aug. 7.
Jacob, Ellis L., Moylan-Rose Valley, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Clamping device. 2,383,435; Aug. 21.
Jacob, Ezekiel J., assignor to B. Liebowitz, New York, N. Y. Fabric. 2,372,673; Apr. 3.
Jacob, Ezekiel J., Brooklyn, assignor to Benjamin Liebowitz, New York, N. Y. Pile fabric. 2,381,218; Aug. 7.
Jacob, Ezekiel J., Brooklyn, assignor to B. Liebowitz, New York, N. Y. Fabric. 2,385,577; Sept. 25.
Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Lock device. 2,379,440; July 3.
Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Combination contact and terminal for electric switches. 2,382,996; Aug. 21.
Jacobi, Louis, West Allis, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Transmission. 2,391,783; Dec. 25.
Jacobs, Arthur C., Chicago, Ill. Container with handle. 2,387,329; Oct. 23.
Jacobs Bros. Co., Inc., The: *See*—
Haferl, R. C., and Hohne, assignors.
Jacobs, Charles D., Pikeville, Ky. Underground tunnel construction. 2,377,012; May 29.
Jacobs, Charles T., New Providence Township, Union County, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Control system. 2,367,028; Jan. 9.
Jacobs, Charles T., Orange, N. J. Cocktail shaker. 2,387,151; Oct. 16.
Jacobs, Donald H., Plainfield, N. J., assignor to Celanese Corporation of America. Materials impermeable to ultra-violet radiations. 2,370,244; Feb. 27.
Jacobs, F. L., Company: *See*—
Levon, Walter P., assignor.
Westrope, Frederick J., assignor.
Jacobs, Herbert E., Portland, Oreg. Display balloon. 2,383,390; Aug. 21.
Jacobs, John H., Fanwood, assignor to The Babcock & Wilcox Company, Newark, N. J. Steam generator. 2,374,818; May 1.
Jacobs, Joseph J., assignor to Autoxygen, Inc., New York, N. Y. Continuous saponification process. 2,380,650; July 31.
Jacobs Manufacturing Company, The: *See*—
Stoner, Arthur M., assignor.
Jacobs, Samuel S., San Mateo, Calif., assignor to American Can Company, New York, N. Y. Closing machine. 2,370,169; Feb. 27.
Jacobs, Walter T.: *See*—
Schofield, E. L., and Jacobs.
Jacobsen, Oystein, Montgomery County, assignor to The Duriron Company, Inc., Dayton, Ohio. Liquid-tight seal. 2,374,353; Apr. 24.
Jacobsen, Oystein, Montgomery County, assignor to The Duriron Company, Inc., Dayton, Ohio. Diaphragm valve. 2,381,544; Aug. 7.
Jacobsohn, Samuel J., Chicago, Ill., assignor to The Gaertner Scientific Corporation. Refractometer. 2,371,625; Mar. 20.
Jacobson, Abe J.: *See*—
Clarin, Werner E., assignor.
Jacobson, Charles, New York, assignor to S. & S. Corrugated Paper Machinery Company, Inc., Brooklyn, N. Y. Adjustment for running register. 2,372,783; Apr. 3.
Jacobson, Ernest, New York, N. Y. Magnetic attachment for articles of every day use. 2,385,859; Oct. 2.
Jacobson, Hugo W.: *See*—
Bennett, A. F., Krause, and Jacobson.
Jacobson, James J., New York, N. Y. Dispensing container. 2,371,332; Mar. 13.
Jacobson, Moses G., Penn Township, Allegheny Count, assignor to Mine Safety Appliances Company, Pittsburgh, Pa. Gas testing method and apparatus. 2,378,019; June 12.
Jacobson, Ralph M., Minneapolis, Minn. Conveyer mechanism. 2,384,033; Sept. 4.
Jacobson, Walter H.: *See*—
Deitz, L. S., Jr., and Jacobson.
Jacobsson, Wilgot J., Plainfield, and C. C. Anthes, Union, N. J., assignors to Union Carbide and Carbon Corporation. Needle valve. 2,370,245; Feb. 27.
Jacobsson, Wilgot J., Plainfield, and L. W. Young, Scotch Plains, N. J., assignors to Union Carbide and Carbon Corporation. Torch. 2,388,327; Nov. 6.
Jacobus, David D., Glen Ridge, N. J., and J. R. Bose, Woodhaven, N. Y., assignors to Keuffel & Esser Company, Hoboken, N. J. Photosensitive materials. 2,375,366; May 8.
Jacobus, Harland E., assignor to Thompson Products, Inc., Cleveland, Ohio. Seal structure. 2,367,781; Jan. 23.
Jacocks, George T., New Rochelle, assignor to Heat Transfer Products, Inc., New York, N. Y. Still. 2,376,146; May 15.
Jacocks, George T., New Rochelle, assignor to Heat Transfer Products, Inc., New York, N. Y. Still. 2,388,328; Nov. 6.
Jacoel, Isidore, Buffalo, N. Y. Apparatus for testing cables and the like. 2,389,912; Nov. 27.

Jacquard Knitting Machine Co., Inc.: *See*—
Sirmay, Julius, assignor.

Jadraque, Joaquin M. and L. J. Cavallero, Buenos Aires, Argentina, assignors to Hartford National Bank and Trust Company, Hartford, Conn. Frequency modulation receiver. 2,381,754; Aug. 7.

Jaeger, Alphons O., Greenwich, and K. L. Lynch, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Sulphopolycarboxylic acid monoamides and their preparation. 2,383,130; Aug. 21.

Jaeger, Charles B., Jr., Baltimore, Md., assignor to Lynch and Company, St. Louis, Mo. 2-nitro-3-methoxy-phenol and making same. 2,385,282; Sept. 18.

Jaeger, Jacob J.: *See*—
Caldwell, S. H., Jaeger, and Taylor.

Jaeger, Robert W., assignor to Standard Oil Company, Chicago, Ill. Rubber reclaiming solvent. 2,374,101; Apr. 17.

Jaeger Watch Company, Inc.: *See*—
Berge, Joseph, assignor.

Jaffa, Harry, Minneapolis, Minn. Protection device. 2,371,241; Mar. 13.

Jager, Howard M., Oceanside, N. Y., assignor to Republic Aviation Corporation. Means for forming sheet metal. 2,378,482; June 19.

Jahn, Francis P., and A. G. Oblad, assignors to Standard Oil Company, Chicago, Ill. Conversion of hydrocarbons. 2,374,102; Apr. 17.

Jahn, Walter K., Los Angeles, Calif. Disappearing hanger. 2,390,257; Dec. 4.

Jakeway, Gerald V., assignor to Keeler Brass Company, Grand Rapids, Mich. Slide structure for drawers, shelves, and the like. 2,370,861; Mar. 6.

Jakobsen, Harry S., Harrison, assignor to J & S Tool Co., East Orange, N. J. Radii and angle dresser. 2,366,623; Jan. 2.

Jakobsson, Gustav H., Tacoma Park, Md., assignor of one-third to E. H. Purdy, Washington, D. C. Projectile adapter. 2,382,152; Aug. 14.

Jalbert, Jean H., Paris, France; vested in the Alien Property Custodian. Connecting device for electrical instruments on aircraft. 2,369,570; Feb. 13.

James, Albert L., Western Springs, Ill., assignor to Corn Products Refining Company, New York, N. Y. Zein dispersions and making same. 2,377,237; May 29.

James, Bill Y., assignor of one-half to C. Y. James, Miami, Okla. Fixture. 2,368,838; Feb. 6.

James, Caroline Y.: *See*—
James, Bill Y., assignor.

James, Edmond J. P., Akron, Ohio, assignor to Packard Motor Car Company, Detroit, Mich. Resistance welding machine. 2,384,923; Sept. 18.

James, Edmond J. P., Canal Fulton, Ohio, assignor to Packard Motor Car Company, Detroit, Mich. Resistance welding machine. 2,384,924; Sept. 18.

James, Frank W., Huntsville, Ala., assignor to Allied Chemical & Dye Corporation, New York, N. Y. Liquid proportioning apparatus. 2,368,990; Feb. 6.

James, Franklin E., Almont, Pa., assignor to Mack Manufacturing Corporation, Long Island City, N. Y. Nozzle. 2,366,264; Jan. 2.

James, Jolly, Melvindale, Mich. Vehicle signal. 2,386,120; Oct. 2.

James, Joseph H., assignor to C. P. Byrnes, trustee, Pittsburgh, Pa. Making motor fuel and by-products. 2,367,125; Jan. 9.

James, Joseph H., assignor to C. P. Byrnes, Pittsburgh, Pa. Mineral oil cracking process. 2,370,541; Feb. 27.

James, Lawrence H., Silver Spring, Md. Sterilizing. 2,380,696; July 31.

James Manufacturing Company. *See*—
Waterman, Arthur E., assignor.
Waterman, A. E., and Kreutzer, assignors.

James, Patrick H., Houston, Tex. Gravimeter null indicator. 2,367,126; Jan. 9.

James, Robert H., University Heights, assignor to R. H. Jamison, Cleveland, Ohio. Adjustable table and like furniture. 2,378,852; June 19.

James, Robert L., assignor to International Bitumen Emulsions Limited, Slough, England. Road making. 2,379,082; June 26.

James, William H.: *See*—
Francis, A. W., and James.

Jameson, Charles M., Detroit, Mich. Automatic braking device. 2,381,755; Aug. 7.

Jameson, Frank E., Los Gatos, assignor, by mesne assignments, to The Anglo California National Bank of San Francisco, San Francisco, Calif. Protection of chilling nozzles. 2,367,029; Jan. 9.

Jamestown Metal Equipment Company, Inc.: *See*—
Hays, Charles H., Jr., assignor.

Jamie, Robert C. S., Pathlow, near Stratford-on-Avon, assignor of one-half to Hunt & Turner Limited, Birmingham, England. Clip for hose and the like. 2,384,094; Sept. 4.

Jamison, C. Bland: *See*—
Ford, Walter B., assignor.

Jamison, C. Bland, et al.: *See*—
Abeel, George H., III, assignor.
Carol, James E., assignor.
De Swart, Jan, assignor.

Jamison Cold Storage Door Company: *See*—
Jamison, John V., Jr., assignor.

Jamison, Everett S., Chicago, Ill., assignor to W. F. Stahl. Making forms for windings. 2,368,025; Jan. 23.

Jamison, John V., Jr., assignor to Jamison Cold Storage Door Company, Hagerstown, Md. Refrigerator door fastener. 2,389,056; Nov. 13.

Jamison, Robert H.: *See*—
James, Robert H., assignor.

Jammer, Jacob S., Montclair, N. J., assignor to Federal Telephone & Radio Corporation. Pothead. 2,380,048; July 10.

Janchick, Michael, Hot Springs National Park, Ark. Toilet kit for men. 2,382,061; Aug. 14.

Jandasek, Joseph, Detroit, Mich, assignor to Bendix Aviation Corporation, South Bend, Ind. Turbotransmission. 2,368,711; Feb. 6.

Jandasek, Joseph, Detroit, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Turbotransmission. 2,373,894; Apr. 17.

Jandasek, Joseph, Detroit, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Transmission. 2,376,699; May 22.

Jandasek, Joseph, Detroit, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Transmission. 2,377,555; June 5.

Jandasek, Joseph, Detroit, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Transmission. 2,378,085; June 12.

Jandasek, Joseph, assignor to Bendix Aviation Corporation, Detroit, Mich. Fluid torque converter. 2,388,329; Nov. 6.

Jandasek, Joseph, Detroit, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Transmission. 2,388,849; Nov. 13.

Jandus, Herbert S., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Brake lever assembly. 2,377,690; June 5.

Jandus, Herbert S., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Brake lever control. 2,377,691; June 5.

Janes, Joseph, Somerville, Mass. Bowling alley. 2,367,400; Jan. 16.

Janes, Milton, Lakewood, Ohio, assignor to National Carbon Company, Inc. Electrolytic method for producing oxygen. 2,390,591; Dec. 11.

Janes, Norman H., Snook, Tex. Intake manifold. 2,384,681; Sept. 11.

Janette, John T., Kenilworth, assignor to Janette Manufacturing Company, Chicago, Ill. Shaft seal. 2,370,904; Mar. 6.

Janette Manufacturing Company: *See*—
Janette, John T., assignor.

Janeway, Price W., Jr., Media, Pa., assignor to The United Gas Improvement Company. Chemical process. 2,366,901; Jan. 9.

Janeway, Robert N.: *See*—
Breer, C., and Janeway.

Janeway, Robert N., Detroit, assignor to Railroad Rolling Stock Patents Corporation, Highland Park, Mich. Vehicle suspension. 2,384,925; Sept. 18.

Jansen, Bollie M., and F. L. Kitley, Caldwell, Ohio. Cutting apparatus. 2,372,784; Apr. 3.

Jansen, Isabel T., Milwaukee, Wis. Light pencil. 2,368,839; Feb. 6.

Jansen, Jacob E., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Stabilization of dis (alkylthiazyl) disulphides. 2,386,959; Oct. 16.

Jansky, Karl G., Little Silver, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Phase shifter. 2,390,884; Dec. 11.

Jany, Jose, Sao Paulo, Brazil. Support arrangement for X-ray filming equipment. 2,372,425; Mar. 27.

Jardine, Guy F., Washington, Pa., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Glass forming machine. 2,368,472; Jan. 30.

Jarman, Vincent G., Watchung, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Welding apparatus. 2,380,529; July 31.

Jaros, Elizabeth C.: *See*—
Jaros, Joseph F., assignor.

Jaros, Joseph F., Riverside, assignor to Elizabeth C. Jaros, Chicago, Ill. Visual educational device. 2,387,758; Oct. 30.

Jaros, Stanley, Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Gas burner. 2,369,235; Feb. 13.

Jaros, Stanley, Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Gas burner. 2,369,236; Feb. 13.

Jarrell, Lemuel P., Huntington Park, Calif. Toolholder for metal planers. 2,385,519; Sept. 25.

Jarrell, Sanford J., Norfolk, Va. Boot and shoe. 2,391,707; Dec. 25.

Jarrett, Tracy C., Catonsville, Md., assignor to American Optical Company, Southbridge, Mass. Making gold filled stock. 2,389,981; Nov. 27.

Jarvis, Albert E., Arlington, and W. J. Keller, Jersey City, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Material working apparatus. 2,388,152; Oct. 30.

Jarvis, Harold T., Manchester, assignor to United Aircraft Corporation, East Hartford, Conn. Ignition timing system. 2,373,685; Apr. 17.

Jarvis, Harold T., Manchester, assignor to United Aircraft Corporation, East Hartford, Conn. Ignition timing. 2,380,967; Aug. 7.

Jarvis, Kenneth W., Winnetka, Ill. Manufacturing electrical condensers. 2,387,759; Oct. 30.

Jarvis, Percival J.: *See*—
Pugh, C. A., Booth, and Jarvis.

Jarvis, Sam M., et al.: *See*—
Carssow, John F., assignor.

Jasco, Incorporated: *See*—
Beekley, Nathan S., Jr., assignor.
Daly, William J., assignor.
Fasce, Egi V., assignor.
Fasce, E. V., and Firkle, assignors.
Frolich, Per K., assignor.
Gilliland, Edwin R., assignor.
Green, Arthur D., assignor.
Holmes, Robert L., assignor.
Kearby, Kenneth K., assignor.
Kraus, Charles A., assignor.
Lightbown, L. E., and Sparks, assignors.
Robey, R. F., and Swaney.
Roethell, B. E., and Scharmann, assignors.
Rollman, Walter F., assignor.
Sparks, W. J., and Thomas, assignors.
Stahly, Eldon E., assignor.
Swaney, M. W., and Beach, assignors.
Thomas, R. M., Field, and Reynolds, assignors.
Thomas, R. M., and Nelson, assignors.
Vanderbilt, B. M., and Beekley, assignors.

Jason, John P., assignor to Breuer Electric Mfg. Co., Chicago, Ill. Suction cleaning apparatus. 2,390,101; Dec. 4.

Jasper Foods: *See*—
Elsaman, Roy D., assignor.

Jasper, Hallie L., Bridgeport, Conn. Body molding garment. 2,370,170; Feb. 27.

Jasper, Thomas M., assignor to A. O. Smith Corporation, Milwaukee, Wis. Improving the stress distribution in multilayer high pressure cylinders. 2,372,723; Apr. 3.

Jasper Wood Crafters, Inc.: *See*—
Gramelspacher, Clarence U., assignor.

Jass, John E.: *See*—
Bridwell, J. W., and Jass.

Jasse, Raymond J., Vichy, France; vested in the Alien Property Custodian. Electric compensator. 2,378,555; June 19.

Jasse, Raymond J., Vichy, France; vested in the Alien Property Custodian. Synchronizing means for electric motors. 2,387,588; Oct. 23.

Jastrzebski, Wincenty, Aix-Les-Bains, France; vested in the Alien Property Custodian. Fluid operated power transmitter. 2,377,886; June 12.

Jauch, Robert J., Fort Wayne, and S. Hinds, Columbia City, assignors to The Wayne Pump Company, Fort Wayne, Ind. Pump. 2,384,172; Sept. 4.

Jay, Webb O., Lompoc, Calif. Railway frog. 2,382,153; Aug. 14.

Jaye, Richard C.: *See*—
Jepertinger, Richard C.

Jayne, Bennett, Richmond Hill, assignor of one-half to D. Calderazzo, Dolgeville, N. Y. Outer sole for shoes. 2,374,487; Apr. 24.

Jayne, David W., Jr., Old Greenwich, and H. M. Day, Cos Cob, Conn., assignors to American Cyanamid Company, New York, N. Y. Preparing melamine. 2,377,499; June 5.

Jayne, David W., Jr., Old Greenwich, and H. M. Day, Cos Cob, Conn., assignors to American Cyanamid Company, New York, N. Y. Carboxylic acid esters of s-alkyloi isothioureas. 2,380,697; July 31.

Jayne, David W., Jr., Old Greenwich, H. M. Day, Cos Cob, and E. W. Gleeske, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Beneficiation of acidic minerals. 2,380,698; July 31.

Jayne, David W., Jr., Old Greenwich, and H. M. Day, Cos Cob, Conn., assignors to American Cyanamid Company, New York, N. Y. Aldehyde condensation products and producing the same. 2,389,150; Nov. 20.

Jayne, David W., Jr., Old Greenwich, and H. M. Day, Cos Cob, Conn., assignors to American Cyanamid Company, New York, N. Y. Reaction products of hydroxylated polyamines, higher molecular weight carboxylic acids and organic sulphonic acids. 2,391,830; Dec. 25.

Jayne, David W., Jr., Old Greenwich, and H. M. Day, Cos Cob, Conn., assignors to American Cyanamid Company, New York, N. Y. Cationic active compounds. 2,391,831; Dec. 25.

Jaynes, Armon, and T. W. Bragg, Gainesville, Tex. Hydraulic pump jack. 2,386,316; Oct. 9.

Jaynes, Merl A., Visalia, Calif. File holder. 2,388,920; Nov. 13.

Jean, James W., Altadena, Calif. Synthesizing hydrocarbons from alcohols with tetraphosphoric acid catalyst. 2,373,475; Apr. 10.

Jeandron, Howard T., Keyport, N. J. Synthetic flying trainer. 2,373,313; Apr. 10.

Jeannin, John F., assignor to Vickers Incorporated, Detroit, Mich. Power transmission. 2,377,556; June 5.

Jearum, Frederick C., Sutton, England. Grinding, lapping, or polishing machine for diamonds or other crystals and the like. 2,374,751; May 1.

Jearum, Frederick C., Sutton, England. Cutting, grinding or polishing machine for diamonds or other stones and the like. 2,384,253; Sept. 4.

Jearum, Frederick C., Sutton, England. Grinding machine. 2,386,687; Oct. 9.

Jeckel, Norman C., Glens Falls, N. Y., assignor to United States Catheter & Instrument Corp. Method and machine for making catheters. 2,388,693; Nov. 13.

Jeffers, Edward C. and M. C., Chicago, Ill. Journal lubricating device. 2,386,121; Oct. 2.

Jeffers, Martin C.: *See*—
Jeffers, Edward C. and M. C.

Jeffers, Walter M., assignor to Crouse-Hinds Company, Syracuse, N. Y. Synchronous motor. 2,378,556; June 19.

Jefferson Electric Company: *See*—
Harford, Charles G., assignor.
Mauerer, Leopold, assignor.
Omansky, Morris, assignor.

Jefferson, Ernest S., Belhaven, N. C. Harness. 2,383,552; Aug. 28.

Jefferson, Glen V., Edgewood, Pa., and S. E. Gillespie, Evanston, assignors, by mesne assignments, to Western Railroad Supply Company, Chicago, Ill., Speed governor. 2,372,579; Mar. 27.

Jefferson, James F., Lynn, Mass., assignor to General Electric Company. Multistage high pressure elastic fluid turbine. 2,388,975; Nov. 13.

Jeffery, Harold T., Wilmette, Ill., assignor to Yeomans Brothers Company. Pneumatic ejector. 2,380,651; July 31.

Jeffrey, M. L., Corporation, The: *See*—
Jeffrey, Max L., assignor.

Jeffrey Manufacturing Company, The: *See*—
Bird, Byron M., assignor.
Briggs, Robert E., assignor.
Clifton, Charles A., assignor.
Dodge, Gordon F., assignor.
Feight, Oscar J., assignor.
Fowler, John T., assignor.
Jeffrey, Robert K., assignor.
Knies, Daniel, assignor.
Lee, Arthur L., assignor.
Lemmon, Alexis W., assignor.
Le Roy, Franklin J., assignor.
Levin, Nils D., assignor.
Lewis, Edward G., assignor.
Lindsay, James R., assignor.
Medley, Harold C., assignor.
Mercier, Stanley M., assignor.
Schneider, Harvey S., assignor.
Steinmetz, Walter C., assignor.

Jeffrey, Max L., Shaker Heights, assignor to The M. L. Jeffrey Corporation, Cleveland, Ohio. Submergible switch. 2,368,926; Feb. 6.

Jeffrey, Robert K., Columbus, Ohio. Conveyer. 2,366,407; Jan. 2.

Jeffreys, Charles R., McKeesport, Pa. Pipe coupling. 2,376,058; May 15.

Jeffreys, George A., Calcium, N. Y., assignor to Nelson Littell, New Canaan, Conn. Biochemical process and apparatus for manufacturing food products. 2,370,665; Mar. 6.

Jeffries, Samuel B.: *See*—
Bludworth, J. E., and Jeffries.

Jehle, Ferdinand, Indianapolis, Ind., and E. A. Davies, Des Moines, Iowa, assignors to Hoffman Specialty Co., Indianapolis, Ind. Vent valve for steam radiators. 2,368,712; Feb. 6.

Jehle, Leon P., Buffalo, N. Y., assignor to Carbide and Carbon Chemicals Corporation. Lubricant. 2,384,551; Sept. 11.

Jehu, Leroy: *See*—
Little, R., and Jehu.

Jelenko, J. F., & Co. Inc.: *See*—
Berger, Herbert R., assignor.

Jelley, Edwin E.: *See*—
Staehle, H. C., Jelley, and Bennett.
Vittum, P. W., and Jelley.

Jelley, Edwin E., and H. C. Staehle, assignors to Eastman Kodak Company, Rochester, N. Y. Viewing system. 2,380,241; July 10.

Jellinek, George, Plainfield, N. J. Automatic chuck device. 2,386,960; Oct. 16.

Jendrisak, Joseph E.: *See*—
Binkert, C. F., and Jendrisak.

Jenkins, Alexander: *See*—
Thompson, L. E., and Jenkins.

Jenkins, Cecil: *See*—
Woolslayer, H. J., Campbell, and Jenkins.

Jenkins, Ernest A., Waco, Tex. Slack adjusting device. 2,383,196; Aug. 21.

Jenkins, John D., Wilkinsburg, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Plasticization of plastics. 2,379,236; June 26.

Jenkins, John D., Forest Hills, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Pigmentation of finely divided plastics. 2,379,237; June 26.

Jenkins, John D., Milwaukee, Wis., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Plasticization of plastics. 2,385,920; Oct. 2.

Jenkins, Robert B., Gastonia, N. C. Dynamically balancing cylinders. 2,386,470; Oct. 9.

Jenkins, Russell L., Anniston, Ala., assignor to Monsanto Chemical Company, St. Louis, Mo. Production of hydroxydiphenyls. 2,368,361; Jan. 30.

Jenkins, Russell L., Webster Groves, assignor to Monsanto Chemical Company, St. Louis, Mo. Liquid dielectric composition. 2,370,113; Feb. 20.

Jenkins, Vance N.: *See*—
Fischer, P. W., and Jenkins.

Jenkins, Vance N., Palos Verdes Estates, assignor to Union Oil Company of California, Los Angeles, Calif. Diesel engine lubricating oil. 2,366,191; Jan. 2.

Jenkins, Willis W., assignor to Western Gear Works, Seattle, Wash. Chucking booster for turret lathes. 2,366,908; Jan. 9.

Jenkinson, Robert L., Teaneck, N. J., assignor to The Marlin Firearms Company, New Haven, Conn. Unloading magazines of firearms. 2,391,423; Dec. 25.

Jenks, Harold C., Cincinnati, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Regulating system. 2,389,364; Nov. 20.

Jennens, Arthur E.: *See*—
Shaub, F. G., and Jennens.

Jenner, Russell B., Reading, Mass., assignor to Cities Service Oil Company, New York, N. Y. Rope lubricating apparatus. 2,370,314; Feb. 27.

Jennings, Alfred J.: *See*—
Gocher, W. S., Jennings, and Langkammerer.

Jennings, Andrew R., New Brunswick, N. J., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Dye intermediates comprising bis-acylacetamides. 2,368,302; Jan. 30.

Jennings, Burgess H., and E. Bigg, Evanston, Ill., assignors to the Government of the United States of America, as represented by the Secretary of War and his successors. Method and apparatus for sterilizing air. 2,369,900; Feb. 20.

Jennings, Charles H.: *See*—
White, A. B., and Jennings.

Jennings, Emerson P.: *See*—
Wiechert, George A., assignor.

Jennings, Oliver S., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit breaker. 2,385,001; Sept. 18.

Jennings, Paul G., Denver, Colo., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Geometrical instrument. 2,383,316; Aug. 21.

Jenny, Frank J., Forest Hills, N. Y., assignor to The M. W. Kellogg Company, Jersey City, N. J. Manufacture of high octane gasoline. 2,369,237; Feb. 13.

Jenny, Robert W., and H. E. Gille, Jersey City, N. J., assignors to Wright Aeronautical Corporation. Hydraulic tappet. 2,386,317; Oct. 9.

Jensen, Adolph C.: *See*—
Ulksby, N. J., and Jensen.

Jensen, Arthur: *See*—
Yerrick, W. D., and Jensen.

Jensen, Arthur E., Anabeim, Calif. Shaving machine. 2,371,242; Mar. 13.

Jensen, Dan H. L., and E. Harman, assignors, by mesne assignments, to Philco Radio and Television Corporation, Philadelphia, Pa. Refrigerattion. 2,381,667; Aug. 7.

Jensen, Frank T., Dysart, Iowa. Page end indicator. 2,366,265; Jan. 2.

Jensen, Helge, Flushing, assignor to Cole Electric Products Co. Inc., Long Island City, N. Y. Electrical connector. 2,371,446; Mar. 13.

Jensen, Herman G.: *See*—
Kenney, W. M., and Jensen.

Jensen, Herman G., Chicago, and M. G. Nelsen, Skokie, assignors to J. P. Seeburg Corporation, Chicago, Ill. Remote control for phonographs. 2,378,557; June 19.

Jensen, James A., assignor to Philadelphia Valve Company, Philadelphia, Pa. Swing joint. 2,384,308. Sept. 4.

Jensen, James P., Bear River City, Utah. Portable beet thinner. 2,378,143; June 12.

Jensen, Kaj L., Edgware, England. Centrifugal governor. 2,374,434; Apr. 24.

Jensen, Martin, Port Washington, assignor to Langley Aviation Corporation, New York, N. Y. Making airplane structures. 2,388,485; Nov. 6.

Jensen, Paul J.: *See*—
Seager, J. C., and Jensen.

Jensen, Paul J., assignor to Niemand Bros. Inc., Long Island City, N. Y. Cosmetic holder. 2,368,045; Jan. 23.

Jensen, Lionel R., assignor to Geo. D. Roper Corporation, Rockford, Ill. Knurling machine. 2,379,718; July 3.

Jensen, Martin, assignor to Langley Aviation Corporation, New York, N. Y. Airplane. 2,381,596; Aug. 7.

Jensen, Oluf F., Council Bluffs, Iowa. Rotary steam engine. 2,386,318; Oct. 9.

Jensen, Otto G.: *See*—
Supplee, G. C., Jensen, and Flanigan.

Jensen, Peter W., Chelsea, Okla. Oil well pump. 2,372,785; Apr. 3.

Jensen, Thormod, Laurelton, N. Y., assignor to American Machine and Foundry Company. Tight-loose wrap mechanism. 2,382,420; Aug. 14.

Jensen, Thormod, Laurelton, N. Y., assignor to American Machine & Foundry Company. Wrapping mechanism. 2,385,706; Sept. 25.

Jensen, Thormod, Laurelton, N. Y., assignor to American Machine and Foundry Company. Wrapping machine safety mechanism. 2,391,316; Dec. 18.

Jenson, Floyd W., Port Angeles, Wash. Fowl leg tendon extractor. 2,382,320; Aug. 14.

Jenson, Jens H., assignor of one-half to C. A. Barsness, Cyrus, Minn. Corn harvester. 2,366,406; Jan. 2.

Jepertinger, Richard C., now by change of name R. C. Jaye, assignor to Syncromatic Air Conditioning Corporation, Milwaukee, Wis. Furnace. 2,379,083; June 26.

Jepson, Ivar, assignor to Chicago Flexible Shaft Company, Chicago, Ill. Toaster. 2,368,026; Jan. 23.

Jepson, Ivar, assignor to Chicago Flexible Shaft Company, Chicago, Ill. Shaving implement. 2,370,542; Feb. 27.

Jepson, Ivar, assignor to Chicago Flexible Shaft Company, Chicago, Ill. Shaving implement. 2,370,543; Feb. 27.

Jepson, Ivar, and T. C. Whiting, assignors to Chicago Flexible Shaft Company, Chicago, Ill. Shaving implement. 2,370,544; Feb. 27.

Jepson, Ivar, assignor to Chicago Flexible Shaft Company, Chicago, Ill. Convection heater. 2,372,832; Apr. 3.

Jepson, Percy, Oakland, Calif. Locking pin. 2,370,171; Feb. 27.

Jepson, Percy, Oakland, assignor to Pacific Machinery Company, San Francisco, Calif. Continuous peach pitter. 2,380,530; July 31.

Jeremiassen, Finn, Oslo, Norway; vested in the Alien Property Custodian. Treatment of solutions to obtain solid matter therefrom. 2,375,922; May 15.

Jerger, Joseph: *See*—
Page, G. A., Jr., Jerger, Rugge, and Watson.

Jerguson Gage & Valve Co.: *See*—
Van Ham, Ernest E., assignor.
Winton, Lewis B., assignor.

Jernigan, Lee, Portland, Oreg. Ejector and guard for chuck keys. 2,388,414; Nov. 6.

Jernstedt, George W., Bloomfield, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Protective transparent coatings. 2,390,791; Dec. 11.

Jerome, Arthur L., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Light signal. 2,368,762; Feb. 6.

Jerome, Arthur L., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling system. 2,369,053; Feb. 6.

Jerome, Arthur L., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,372,560; Mar. 27.

Jerome, Arthur L., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Coded track circuits. 2,376,967; May 29.

Jerome, Arthur L., Edgewood, and L. V. Lewis, Pittsburgh, assignors to The Union Switch & Signal Company, Swissvale, Pa. Remote control system. 2,387,152; Oct. 16.

Jerome, Arthur L., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Coded railway signaling system. 2,389,982; Nov. 27.

Jerry, Carl R., assignor to Shuron Optical Company, Inc., Rochester, N. Y. Spectacle case. 2,376,487; May 22.

Jesionowski, John, Hartford, Conn. Machine tool. 2,370,041; Feb. 20.

Jesionowski, John, Hartford, Conn. Vise. 2,370,042; Feb. 20.

Jespersen, Helgo W., Western Springs, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Power transmission device. 2,390,792; Dec. 11.

Jess, Alexander M., Portland, Oreg. Coffee container and measure. 2,372,278; Mar. 27.

Jessen, Heinrich C., Wilmette, assignor to United States Gypsum Company, Chicago, Ill. Calcining process and apparatus. 2,383,254; Aug. 21.

Jessen, Le Roy S., Dayton, Ohio. Emergency cable-cutter. 2,385,813; Oct. 2.

Jessen, Le Roy S., Dayton, Ohio. Tow target releasing device. 2,390,538; Dec. 11.

Jesson, Walter F., Walsall, England, assignor to Imperial Chemical Industries Limited. Apparatus for the treatment of metal and like articles with liquids or vapors for degreasing. 2,385,860; Oct. 2.

Jessop, William, & Sons Limited: *See*—
Oliver, Donald A., assignor.

Jessup, Morris K.: *See*—
Haberstump, A. H., Jessup, and Wolofski.

Jessup, Sellers E., Los Angeles, Calif. End piston ring. 2,367,030; Jan. 9.

Jessup, Sellers E., Los Angeles, Calif. Compressing fluid. 2,391,163; Dec. 18.

Jester, Perry W., Portland, Oreg. Handle. 2,372,954; Apr. 3.

Jette, Eric R.: *See*—
Gregg, J. L., and Jette.

Jeuck, Francis J.: *See*—
Rietz, C. A., and Jeuck.

Jeuck, Francis J., Chicago, and C. A. Rietz, Park Ridge, Ill., assignors to Interchemical Corporation, New York, N. Y. Printing inks. 2,390,102; Dec. 4.

Jewell, Howard W., Los Angeles, Calif. Pipe joint and device therefor. 2,386,865; Oct. 16.

Jewell, Joseph W., Summit, G. D. Creelman, Mountain Lakes, N. J., and W. H. Borcherding, New York, N. Y., assignors to The M. W. Kellogg Company, Jersey City, N. J. Catalytic conversion of hydrocarbons. 2,385,446; Sept. 25.

Jewell, Richard G., Swampscott, Mass., assignor to General Electric Company. Telemetering system and apparatus. 2,380,242; July 10.

Jewett, Clifford L., Minneapolis, assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Silicate cement, particularly useful as a coating. 2,378,927; June 26.

Jewett, Clifford L., Minneapolis, assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Colored granulated material. 2,379,358; June 26.

Jewett, John L.: *See*—
Trotter, J. C., and Jewett.

Jewitt, Dennis E., Rugby, England, assignor to General Electric Company. Power transmitting apparatus. 2,380,243; July 10.

Jiggers, Inc: *See*—
Burrell, Ellis B., assignor.

Joachimi, Jacob, Snyder, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Punch and die unit. 2,373,962; Apr. 17.

Joachim, Joseph G., assignor to Ferro Stamping & Manufacturing Company. Latch. 2,382,062; Aug. 14.

Jobe, Frederick W., Brighton, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Visual acuity testing means. 2,385,992; Oct. 2.

Jobert, Arthur H.: *See*—
Montgomery, D. H., and Jobert.

Jobin, Bernard, Arleshelm, near Basel, assignor to Société Suisse d'Electricité et de Traction, Basel, Switzerland. Electric signaling plant for vehicle traffic. 2,386,866; Oct. 16.

Jobst, Conrad, Toledo, Ohio. Injection molding machine. 2,372,833; Apr. 3.

Jocelyn, Dorothy G.: *See*—
Jocelyn, Douglas L., assignor.

Jocelyn, Douglas L., assignor of fifty per cent to D. G. Jocelyn, Detroit, Mich. Aircraft engine. 2,384,381; Sept. 4.

Jochum, William T., Manhattan Beach, Calif. Method and apparatus for navigating aircraft. 2,370,966; Mar. 6.

Jofeh, Lionel: *See*—
Bedford, L. H., Jofeh, and Stevens.

Johansen, Einar K., assignor to Clearing Machine Corporation, Chicago, Ill. Pump. 2,379,156; June 26.

Johanson, Adolph T., Glenview, assignor of one-half to M. E. Page, Jr., Chicago, Ill. Furnace. 2,388,976; Nov. 13.

Johanson, Casimir V.: *See*—
Timmerman, P. E., and Johanson.

Johanson, Edla, White Plains, N. Y. Shoulder support for brassières. 2,386,557; Oct. 9.

Johanson, Magnus H., assignor to Gleason Works, Rochester, N. Y. Dressing mechanism. 2,373,187; Apr. 10.

Johanson, Nils A., Clifton, N. J. Attachment for milling machines and the like. 2,372,000; Mar. 20.

Johansson, Stig B. H.: *See*—
Groth, B. S., and Johansson.

Johansson, Ernest G., Belmont, assignor to Anchor Manufacturing Company, Boston, Mass. Meter box and the like. 2,367,127; Jan. 9.

Johansson, Ernest G., Belmont, assignor to Anchor Manufacturing Company, Boston, Mass. Meter mounting. 2,370,043; Feb. 20.

Johansson, Ernest G., Belmont, Mass., and A. A. Young, Manchester, N. H., assignors to Anchor Manufacturing Company, Boston, Mass. Equipment for electrical installations. 2,372,083; Mar. 20.

Johansson, Johan E., assignor to Aktiebolaget Gotaverken, Gothenburg, Sweden. Adjustable liquid fuel burner. 2,374,290; Apr. 24.

Johansson, Sven G.: *See*—
Crist, P. W., and Johansson.

John, B. T., Furniture Corporation: *See*—
Pfenning, Henry D., assignor.

John, Edward T., Minneapolis, Minn. Ladder hook. 2,388,415; Nov. 6.

John, Edward T., assignor to The J. R. Clark Company, Minneapolis, Minn. Folding clothes rack. 2,388,637; Nov. 6.

John, Paul, Jr.: *See*—
Traxler, J. G., and John.

Johns, Harold C., et al.: *See*—
Root, Joseph M., assignor.

Johns-Manville Corporation: *See*—
Atchison, Thomas C., assignor.
Barbehenn, Ralph L., assignor.
Brown, George B., assignor.
Christenson, George, assignor.
Coss, Harold T., assignor.
Coss, H. T., Pearce, and Downsbrough, assignors.
Cummins, Arthur B., assignor.
Dinkfeld, August M., assignor.
Driscoll, James, assignor.
Driscoll, J., and Poltorak, assignors.
Freeman, F. C., and Rieger, assignors.
Hawthorne, Louis A., assignor.
Kleselbach, H. A., and Williams, assignors.
Leistensnider, G. P., and Koch, assignors.
Johns-Manville Corporation: *See*—Continued
Leistensnider, G. P., and Rinehart, assignors.
McDermott, Paul F., assignor.
Miles, W. S., and Voigt, assignors.
Pearce, Gale T., assignor.
Pearce, G. T., and Rhodes, assignors.
Powell, Edward R., assignor.
Quinn, Robert G., assignor.
Rembert, Ernest W., assignor.
Rembert, E. W., Winter, and Reinecker, assignors.
Rinehart, Harry H., assignor.
Smolak, George, assignor.

Johns, Virginia, et al.: *See*—
Root, Joseph M., assignor.

Johnsen, Iver, Jr., Michigan City, Ind., assignor to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Vehicle framing post construction. 2,379,640; July 3.

Johnsen, Richard C.: *See*—
Smith, H. C., and Johnsen.

Johnson, Aaron D., Brecksville, Ohio., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical processes and products. 2,381,960; Aug. 14.

Johnson, Aaron D., Brecksville, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Metal cleaning composition. 2,383,800; Aug. 28.

Johnson, Albert L., and S. A. Kraft, assignors to Johnson Power-On Transmission Corporation, St. Paul, Minn. Clutch device. 2,380,445; July 31.

Johnson, Albert M., et al.: *See*—
Holmes, Louis W., assignor.

Johnson, Albert M., assignor to Barnes Drill Co., Rockford, Ill. Indexing mechanism for machine tables. 2,389,668; Nov. 27.

Johnson, Alexander H., Chicago, Ill., assignor of three-tenths to F. T. Johnson, Milwaukee, Wis., one-fifth to E. J. Johnson, and one-fifth to J. J. Johnson, Chicago, Ill. Bottle stopper. 2,370,732; Mar. 6.

Johnson, Alfred, Buffalo, N. Y. Electrical pickup for wind instruments. 2,383,553; Aug. 28.

Johnson, Algot T., Jamestown, N. Y. Screw driver. 2,378,775; June 19.

Johnson, Alice E., Garberville, Calif. Slide fastener tab locking device. 2,383,197; Aug. 21.

Johnson, Allen O., and H. W. Elsner, Burbank, Calif. V-belt clutch assembly. 2,485,360; Sept. 25.

Johnson, Almon A.: *See*—
Lassen, E. U., and Johnson.

Johnson, Anton E., deceased, by J. H. Johnson, administratrix, assignor, by mesne assignments, to M. Dysthe, Minneapolis, Minn. Variable speed control for the transmission of power. 2,377,013; May 29.

Johnson, Arnold E. W., Oak Park, and R. B. Hitchcock, Evanston, Ill., assignors to International Harvester Company. Mounting for implement lifts. 2,376,541; May 22.

Johnson, Arnold E. W., Oak Park, J. R. Orelind, Wilmette, and H. P. Smith, Canton, Ill., assignors to International Harvester Company. Repair apparatus for vehicles. 2,380,313; July 10.

Johnson, Arthur E., Taft, Calif. Rotary tool booster. 2,390,714; Dec. 11.

Johnson, Ava J., Oakland, assignor to Shell Development Company, San Francisco, Calif. Separation of acidic gases from fluids. 2,368,595; Jan. 30.

Johnson, Bernard C., Libertyville, Ill., assignor to Houdaille-Herahey Corporation, Detroit, Mich. Making evaporators. 2,377,557; June 5.

Johnson, Bernard C., Mundelein, Ill., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Apparatus for removing corners. 2,377,558; June 5.

Johnson, Bernard C., Mundelein, Ill., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Evaporator unit. 2,386,613; Oct. 9.

Johnson, Bertha, Nashville, Tenn. Fastener for cold wave rollers. 2,386,612; Oct. 9.

Johnson, Boyd M.: *See*—
Clapp, C. P., and Johnson.

Johnson, Carl E., Leicester, and D. M. Clark, assignors to David Clark Company, Inc., Worcester, Mass. Fabric and making the same. 2,372,497; Mar. 27.

Johnson, Carl G., Chicago, Ill., assignor to J. P. Seeburg Corporation. Phonograph recorder. 2,375,658; May 8.

Johnson, Carl G., assignor to J. P. Seeburg Corporation, Chicago, Ill. Automatic phonograph. 2,378,086; June 12.

Johnson, Carl W.: *See*—
Neumair, J. A., and Johnson.

Johnson, Carl W., Brooklyn, N. Y., assignor to American Machine & Foundry Company. Sewing machine. 2,368,066; Jan. 23.

Johnson, Carl W., Brooklyn, and J. A. Neumair, Hollis, N. Y., assignors to American Machine & Foundry Co. Combined tie folding and slip stitch sewing machine. 2,383,654; Aug. 28.

Johnson, Carl W., Brooklyn, N. Y., assignor to American Machine and Foundry Company. Sewing machine. 2,386,800; Oct. 16.

Johnson, Carl W., Brooklyn, N. Y., assignor to American Machine and Foundry Company. Special stitch sewing machine. 2,389,151; Nov. 20.

Johnson, Carle A., Laconia, N. H. Motorcycle fluid drive. 2,387,076; Oct. 16.

Johnson, Cecil E., New York, N. Y., assignor to Reddir, Inc., Wilmington, Del. Package and wrapper. 2,368,140; Jan. 30.

Johnson, Charles F., Whittier, Calif., assignor to Reed Roller Bit Company, Houston, Tex. Valve. 2,385,993; Oct. 2.

Johnson, Charles J., Sacramento, Calif. Power actuated pruning shears. 2,366,909; Jan. 9.

Johnson, Charles R.: *See*— Handforth, S. L., and Johnson.

Johnson, Charles R., Glenn Mills, Pa., and R. R. Nydegger, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Apparatus for extrusion of organic materials. 2,370,469; Feb. 27.

Johnson, Charles R., Glenn Mills, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Detonating fuse. 2,380,312; July 10.

Johnson, Charles S., Albany, Ga., assignor of fifty per cent to H. H. Williamson. Thief signal. 2,385,707; Sept. 25.

Johnson, Charles W., New Brunswick, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polyvinyl acetal composition and cement. 2,384,034; Sept. 4.

Johnson, Clarence, South Euclid, Ohio, assignor to Bailey Meter Company. Duplicator for machine tools. 2,372,426; Mar. 27.

Johnson, Clarence, South Euclid, Ohio, assignor to Bailey Meter Company. Machine tool control. 2,372,427; Mar. 27.

Johnson, Clarence, South Euclid, Ohio, assignor to Bailey Meter Company. Machine tool control. 2,372,428; Mar. 27.

Johnson, Clarence, South Euclid, Ohio, assignor to Bailey Meter Company. Machine tool control. 2,387,075; Oct. 16.

Johnson, Clarence, South Euclid, Ohio, assignor to Bailey Meter Company. Machine tool control. 2,389,731; Nov. 27.

Johnson, Clarence D., assignor of one-half to W. P. Stephenson and one-half to A. E. Stephenson, Bastrop, La. Jack attachment. 2,383,061; Aug. 21.

Johnson, Clarence W., and J. G. Sterling, Chicago, and M. H. and R. T. Wright, Lake Bluff, Ill., assignors to Stenographic Machines, Inc. Ribbon feeding mechanism for stenographic machines. 2,387,330; Oct. 23.

Johnson, Clifford E., Medway, and C. R. Elliott, Dayton, Ohio. Gun cocking device. 2,386,801; Oct. 16.

Johnson, Cornelius L.: *See*— Pardey, G. H., and Johnson.

Johnson Corporation, The: *See*— Monroe, Rollo O., assignor. Monroe, R. O., and Clayton, assignors.

Johnson, Corydon M., Freeport, N. Y. Fastener. 2,369,297; Feb. 13.

Johnson, David W., New Britain, assignor to The Arrow-Hart & Hegeman Electric Co., Hartford, Conn. Holdfast means for screw bolts. 2,379,804; July 3.

Johnson, Dwight A., assignor to The McKay Machine Company, Youngstown, Ohio. Burr removing tool. 2,379,238; June 26.

Johnson, Earl S.: *See*— Schramm, Roy A., assignor.

Johnson, Edgar B.: *See*— Roberts, R. P., Johnson, and Young.

Johnson, Edward D., Detroit, Mich., assignor to Wagner Electric Corporation, St. Louis, Mo. Control valve mechanism. 2,366,192; Jan. 2.

Johnson, Edwin B., Chicago, Ill. End load brace. 2,369,784; Feb. 20.

Johnson, Ellsworth T.: *See*— Coultas, W. J., Johnson, and Walker.

Johnson, Elmer E.: *See*— Bolley, H. C., and Johnson.

Johnson, Elmer E., assignor to H. A. Douglas Mfg. Co., Bronson, Mich. Ignition switch. 2,378,853; June 19.

Johnson, Enoch B., and A. A. Kaehler, Red Wing, Minn. Concrete wall building block. 2,383,317; Aug. 21.

Johnson, Ernest H.: *See*— Bullard, E. P., III, Appelberg, and Johnson.

Johnson, Everett A., Park Ridge, assignor to Standard Oil Company, Chicago, Ill. Catalytic conversion system. 2,367,281; Jan. 16.

Johnson, Everett A., Park Ridge, assignor to Standard Oil Company, Chicago, Ill. Hydrocarbon conversion system. 2,379,966; July 10.

Johnson Fare Box Company: *See*— Thompson, Ernest H., assignor.

Johnson, Floyd D., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical distribution system. 2,376,774; May 22.

Johnson, Floyd D., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical testing equipment. 2,376,775; May 22.

Johnson, Francis, Detroit, Mich. Shaper tool post holddown. 2,388,547; Nov. 6.

Johnson, Frank B.: *See*— Stahly, E. E., and Johnson.

Johnson, Frank E., Malden, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Fastener and fastener installation. Re. 22,618; Mar. 13.

Johnson, Frank E., Malden, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Cable clamp. 2,373,833; Apr. 17.

Johnson, Frank E., Malden, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Adjustable rotary operative fastener stud. 2,378,638; June 19.

Johnson, Frank E., Malden, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Shiftable cowl fastener. 2,380,895; July 31.

Johnson, Frank W.: *See*— Carter, A. S., and Johnson.

Johnson, Frederick T., et al.: *See*— Johnson, Alexander H., assignor.

Johnson, Frederick W., East Orange, N. J. Self-locking stud or the like. 2,386,897; Oct. 16.

Johnson, Frithiof V.: *See*— Jordan, W. B., and Johnson.

Johnson, Frithiof V., Schenectady, N. Y., assignor to General Electric Company. System for the transmission of angular motions. 2,388,977; Nov. 13.

Johnson, George A., et al., trustees: *See*— Geiger, William A., assignor.

Johnson, George A., trustee, et al.: *See*— Geiger, William A., assignor.

Johnson, George V., assignor to Willamette Hyster Company, Portland, Oreg. Lift truck. 2,387,077; Oct. 16.

Johnson, Grover C., and J. W. Hathaway, Sr., assignors to Buffalo Compressor and Air Conditioning Corporation, Buffalo, N. Y. Hydraulic gas compressor. 2,382,421; Aug. 14.

Johnson, Gustav W., Chippewa Falls, Wis. Hooking bob. 2,374,752; May 1.

Johnson, Guy D., Jr., and K. J. Matzinger, Detroit, Mich. Equipment for testing shields. 2,378,928; June 26.

Johnson, Halex, Massapequa, assignor to Fairchild Engine and Airplane Corporation, Farmingdale, N. Y. Apparatus for testing bonds in laminated metallic articles. 2,386,319; Oct. 9.

Johnson, Harold E., Lynn, Mass., assignor to General Electric Company. Coil winding. 2,374,018; Apr. 17.

Johnson, Harold G., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Rubber lubricant. 2,389,855; Nov. 27.

Johnson, Harold R., Mishawaka, Ind. Chip breaker. 2,375,367; May 8.

Johnson, Harry E., Philadelphia, Pa. Ski and making same. 2,375,994; May 15.

Johnson, Harry O., and M. O'Hare, Donora, Pa., assignors to The American Steel and Wire Company of New Jersey. Water cooled spark plate and rail for pig casting machines. 2,389,983; Nov. 27.

Johnson, Harry O., and M. O'Hare, Donora, Pa., assignors to The American Steel and Wire Company of New Jersey. Valve. 2,390,150; Dec. 4.

Johnson, Herbert F., et al.: *See*— Stein, Elmer L., assignor.

Johnson, Herbert L., Peabody, Mass. Apparatus for forming sheet metal. 2,370,666; Mar. 6.

Johnson, Ira E.: *See*— Hicks, H. A., Johnson, and Ross.

Johnson, James M., New York, N. Y. assignor to Nostrip Inc. Bitumen treating agent. 2,386,867; Oct. 16.

Johnson, James P., and A. H. Tidd, Cleveland, assignors to The Aro Equipment Corporation, Bryan, Ohio. Gas regulator. 2,383,801; Aug. 28.

Johnson, James P., Cleveland, assignor to The Aro Equipment Corporation, Bryan, Ohio. Adjustable nut lock. 2,390,838; Dec. 11.

Johnson, James S., Pasadena, Calif. Floor furnace. Re. 22,624; Mar. 27.

Johnson, John A.: *See*— Kyle, A., and Johnson.

Johnson, John B., assignor to Hercules Powder Company, Wilmington, Del. Explosive cartridge. 2,378,223; June 12.

Johnson, John C., Boswell, Ind., and W. R. Milner, Burlingame, Calif. Power shovel. 2,377,786; June 5.

Johnson, John F., Jr., North East, assignor to Triumph Explosives, Inc., Elkton, Md. Volumetric measuring machine. 2,367,031; Jan. 9.

Johnson, John L., Pinehurst, Wash. Camera support. 2,369,829; Feb. 20.

Johnson, John M., Lindsborg, and F. M. Straka, McPherson, Kans. Turning device for the wheels of an aircraft landing gear. 2,382,321; Aug. 14.

Johnson & Johnson: *See*— Stonehill Albert A., assignor. Wenzelberger, Elwood P., assignor.

Johnson, Joseph H., assignor to Jones & Lamson Machine Company, Springfield, Vt. Profiling attachment for lathes. 2,375,368; May 8.

Johnson, Joseph J., et al.: *See*— Johnson, Alexander H., assignor.

Johnson, Joseph S., Logan, Utah. Hay fork. 2,387,996; Oct. 30.

Johnson, Julius W., Austin, Tex., Sucker rod connection. 2,382,422; Aug. 14.

Johnson, June H., administratrix: *See*— Johnson, Anton E.

Johnson, Keith W., Washington, D. C. Balancing toy. 2,389,365; Nov. 20.

Johnson, Kenneth C.: *See*— Fox, A. L., and Johnson.

Johnson, Kenneth L., Allison Park, Pa., assignor to Hubbard & Company. Cushioned tie plate. 2,377,942; June 12.

Johnson, Kenneth S., South Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone station circuit. 2,375,791; May 15.

Johnson, Kenneth S., South Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,387,269; Oct. 23.

Johnson Laboratories, Inc.: *See*— McClellan, George B., assignor.

Johnson, Lambert L., Fort Wayne, Ind., assignor to Farnsworth Television and Radio Corporation. Voltage regulator. 2,377,500; June 5.

Johnson, Lane, Jr., and M. D. Stone, assignors to United Engineering and Foundry Company, Pittsburgh, Pa. Strip handling apparatus. 2,369,830; Feb. 20.

Johnson, Laney N., Columbus, Ga. Internal-combustion engine. 2,369,738; Feb. 20.

Johnson, Lewis H., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,373,188; Apr. 10.

Johnson, Louis G., Gerrards Cross, and A. G. Rose, said Rose assignor to Rose Brothers (Gainsborough) Limited, Gainsborough, England. Apparatus for training gunners. 2,387,163; Oct. 16.

Johnson, Malcolm S., assignor to Illinois Railway Equipment Company, Chicago, Ill. Brake hanger retainer. 2,373,895; Apr. 17.

Johnson, Malcolm S., assignor to Illinois Railway Equipment Company, Chicago, Ill. Brake head and brake beam adapter. 2,382,794; Aug. 14.

Johnson, Manfred J., New Haven, Conn., assignor to The United States Time Corporation. D'Arsonval-type electrical measuring instrument. 2,371,299; Mar. 13.

Johnson, Manfred J., New Haven, Conn., assignor to The United States Time Corporation. Time-train unit for clocks and the like. 2,383,391; Aug. 21.

Johnson, Melvin M., et al.: *See*— Johnson, Melvin M., Jr., assignor.

Johnson, Melvin M., et al., trustees: *See*— Johnson, Melvin M., Jr., assignor.

Johnson, Melvin M., Jr., assignor to M. M. Johnson, Brookline, E. E. Rice, Boston, and himself, as trustees of the Johnson Patent Trust, Boston, Mass. Firearm. 2,377,692; June 5.

Johnson, Melvin M., Jr., assignor to M. M. Johnson, M. M. Johnson, Jr., and E. E. Rice, as trustees of the Johnson Patent Trust, Boston, Mass. Automatic gun. 2,383,487; Aug. 28.

Johnson, Melvin M., Jr., assignor to M. M. Johnson, Brookline, and M. M. Johnson, Jr., and E. E. Rice, as trustees of the Johnson Patent Trust, Boston, Mass. Firearm foregrip. 2,386,802; Oct. 16.

Johnson, Mont C., Winterset, Iowa. Casing centering device. 2,388,416; Nov. 6.

Johnson, Morris T., Milwaukee, Wis. Apparatus for attaching adhesive tape to masking paper. 2,374,103; Apr. 17.

Johnson, Norman G.: *See*— Chapman, F. F., Johnson, and Loving.

Johnson, Olaf A., Irondequoit, assignor to Gleason Works, Rochester, N. Y. Cutter testing device. 2,372,279; Mar. 27.

Johnson, Oliver H.: *See*— Lulek, R. N., and Johnson.

Johnson, Oliver W.: *See*— Papalexis, J., and Johnson.

Johnson, Otto W., Oakland, Calif. Pump. 2,375,923; May 15.

Johnson Patent Trust: *See*— Johnson, Melvin M., Jr. Johnson, Melvin M., Jr., assignor.

Johnson, Philip H., assignor to Roadless Traction Limited, Hounslow, England. Endless track for vehicles. 2,370,667; Mar. 6.

Johnson Power-On Transmission Corporation: *See*— Johnson, A. L., and Kraft, assignors.

Johnson, Raymond J., et al.: *See*— Johnson, Alexander H., assignor.

Johnson, Reynold B., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Optical record interpreter. 2,390,439; Dec. 4.

Johnson, Richard J., San Francisco, Calif. Socket wrench. 2,381,597; Aug. 7.

Johnson, Robert A., Longmeadow, Mass. Machine tool. 2,388,265; Nov. 6.

Johnson, Ross M.: *See*— Morgan, Leo, and Johnson.

Johnson, Roy W., Milwaukee, Wis., and J. Miller, Lansing, Mich., assignors to Automatic Products Company, Milwaukee, Wis. Oil control device. 2,369,739; Feb. 20.

Johnson, Roy W., and L. V. McCarty, assignors to Automatic Products Company, Milwaukee, Wis. Strainer. 2,369,740; Feb. 20.

Johnson, Roy W., Milwaukee, Wis. Burner control. 2,378,483; June 19.

Johnson, Roy W., and C. E. Zarwell, assignors to Automatic Products Company, Milwaukee, Wis. Liquid fuel feeding mechanism. 2,381,756; Aug. 7.

Johnson, Russell W., Detroit, Mich., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Fastener and fastener installation. 2,368,027; Jan. 23.

Johnson, Seth, Farmingdale, N. Y., assignor to Republic Aviation Corporation. Aircraft structure. 2,375,924; May 15.

Johnson, Seth, Farmingdale, and E. Schenk, New York, N. Y., assignors to Republic Aviation Corporation. Aircraft structure. 2,375,925; May 15.

Johnson, Stanley G., Grosse Pointe, assignor to The Burkhardt Company, Detroit, Mich. Post binder. 2,383,062; Aug. 21.

Johnson, Stanley T., assignor to Aviation Developments Limited, Welwyn Garden City, England. Tubular rivet. 2,366,965; Jan. 9.

Johnson, Thad C., Clinton, S. C. Steam generator. 2,391,628; Dec. 25.

Johnson, Theodore L., St. Louis, Mo. Construction of striking implements. 2,379,006; June 26.

Johnson, Theodore W., assignor to Deere & Company, Moline, Ill. Cultivator and planting attachment therefor. 2,375,850; May 15.

Johnson, Theron W., Bay Pines, Fla. Cap. 2,373,399; Apr. 10.

Johnson, Thor S., trustee, et al.: *See*— Walliser, Robert E., assignor.

Johnson, Tomlinson F., Atlanta, Ga. Hook and latch for line implements. 2,385,708; Sept. 25.

Johnson, Wallace J. S., Berkeley, Calif., assignor, by mesne assignments, to Kearney & Trecker Products Corporation, Milwaukee, Wis. Jig boring machine. 2,383,655; Aug. 28.

Johnson, Warren C., Cedar Rapids, Iowa, and D. Kirk, Chicago, Ill., assignors by mesne assignments, to Quaker Oats Company. Carton closing device. 2,391,708; Dec. 25.

Johnson, William B., U. S. Army, Baltimore, Md. Nozzle. 2,370,668; Mar. 6.

Johnson, William B., U. S. Army. Container vent. 2,373,118; Apr. 10.

Johnson, William B., U. S. Army, Easley, S. C. Container. 2,387,270; Oct. 23.

Johnson, William B., Wheaton, assignor to The Bastian-Blessing Company, Chicago, Ill. Thread cutter. 2,379,908; July 10.

Johnson, William J., Dayton, Ohio. Union tube connection locking nut. 2,390,103; Dec. 4.

Johnson's Company: *See*— Pharo, Lee C., assignor.

Johnsson, Thure A., assignor to Kooperativa Förbundet Förening U. P. A., Stockholm, Sweden. Device for obtaining juice by means of steam. 2,368,141; Jan. 30.

Johnston, Alan C., Washington, D. C., assignor to Hercules Powder Company, Wilmington, Del. Treatment of terpene alcohols. 2,366,409; Jan. 2.

Johnston, Alexander, and G. C. Le Compte, Arlington, Va., assignors to United States of America, as represented by the Secretary of Agriculture. Wool sampler. 2,378,484; June 19.

Johnston, Arthur J., Park Ridge, assignor to C. P. Clare & Co., Chicago, Ill. Relay. 2,385,994; Oct. 2.

Johnston, Charles S., Glencoe, assignor to Transportation Specialties Co., Chicago, Ill. Screen for refrigerator cars. 2,385,760; Sept. 25.

Johnston, Douglas, Shelbyville, Ill. Deep well pump. 2,384,173; Sept. 4.

Johnston, Edward A., Los Angeles, Calif., assignor to International Harvester Company. Agricultural implement. 2,379,805; July 3.

Johnston, Edwin S., Mattoon, assignor of one-half to J. L. Green, Vandalia, Ill. Protecting cover for safety razors. 2,372,280; Mar. 27.

Johnston, Fred E., Evanston, assignor to Stewart-Warner Corporation, Chicago, Ill. Fixed loop antenna mounting. 2,375,418; May 8.

Johnston, Fulton L., East Alton, Ill., assignor to Shell Development Company, San Francisco, Calif. Organic detergents for lubricating oil. 2,371,333; Mar. 13.

Johnston, Fulton L., Wood River, Ill., assignor to Shell Development Company, San Francisco, Calif. Lubricating oil composition. 2,372,955; Apr. 3.

Johnston, Fulton L., East Alton, and N. B. Wilson, Alton, Ill., assignors to Shell Development Company, San Francisco, Calif. Removing dispersed Friedel-Crafts sludge. 2,368,596; Jan. 30.

Johnston, Gerald G.: *See*— Guyer, R., and Johnston.

Johnston, Harry B., Baldwin Park, Calif. Piston and piston ring. 2,376,147; May 15.

Johnston, Harry B., Baldwin Park, Calif. Piston and piston ring. 2,376,148; May 15.

Johnston, Harry L., Ames, Iowa. Protective goggle. 2,368,303; Jan. 30.

Johnston, Howard M., assignor to Massey-Harris Co. Ltd., Toronto, Ontario, Canada. Hammer mill. 2,376,361; May 22.

Johnston, James D., Smackover, Ark. Oil well bailer. 2,371,824; Mar. 20.

Johnston & Jennings Company, The: *See*— Wallene, Frank O., assignor.

Johnston, John: *See*— Percy, J. W., Johnston and Sosman, assignors.

Johnston, John M., Hillside, N. J. Holding device. 2,385,709; Sept. 25.

Johnston, John O., Irvington, N. J. Retractable line appliance. 2,383,802; Aug. 28.

Johnston, M. O., Oil Field Service Corporation: *See*—
Phipps, John T., assignor.
Johnston, Mildred C., et al.: *See*—
Clavering, Gunnar, assignor.
Johnston, Mordica O., and T. A. Andrew, Glendale, and A. M. Graham and W. G. L. Smith, Los Angeles, Calif. Open hole sleeve packer. 2,390,372; Dec. 4.
Johnston, Perry, Ford City, assignor to Pittsburgh Plate Glass Company, Allegheny, Pa. Making lens blanks. 2,373,246; Apr. 10.
Johnston, Robert H., Harpenden, England. Gearing for steering mechanically propelled vehicles and for other purposes. 2,377,559; June 5.
Johnston, Samuel A., Delavan, Wis., assignor to George W. Borg Corporation, Chicago, Ill. Automatic battery charging system. 2,390,151; Dec. 4.
Johnston, Walter W., and R. H. Howe, U. S. Navy. Voltage regulator. 2,373,119; Apr. 10.
Johnston, William E., Weatogue, assignor to The Gray Manufacturing Company, Hartford, Conn. Sound recording and reproducing machine. 2,391,784; Dec. 25.
Johnston, William S., New York, N. Y. Fishing and fish processing ship. 2,377,693; June 5.
Johnstone, Harold G., Oak Park, Ill., assignor to Western Electric Company, Inc., New York, N. Y. Computing system. 2,366,193; Jan. 2.
Johnstone, Robert A., Cincinnati, Ohio. Adjusting device for motor brackets. 2,368,362; Jan. 30.
Johnstone, Theodore H., Detroit, Mich., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Removable core cylinder. 2,370,862; Mar. 6.
Johnstone, Theodore H., Detroit, Mich., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Keyhole cover. 2,388,228; Oct. 30.
Johnstone, Theodore H., Detroit, Mich., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Removable core cylinder. 2,391,832; Dec. 25.
Johnstone, Theodore H., Detroit, Mich., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Removable core cylinder. 2,391,833; Dec. 25.
Johnstone, Theodore H., Detroit, Mich., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Cylinder lock. 2,391,834; Dec. 25.
Joiner, Sylvester L., Sweetwater, Tex. Combined closure and air hose dummy. 2,387,448; Oct. 23.
Jolly, Samuel E., Prospect Park, assignor to Sun Oil Company, Philadelphia, Pa. Lubricant. 2,380,531; July 31.
Jonas, Julius, Zurich, assignor to Aktiengesellschaft Brown, Boveri & Cie, Baden, Switzerland. Earth fault protection arrangement. 2,381,668; Aug. 7.
Jonas, Julius, Zurich, assignor to Aktiengesellschaft Brown, Boveri & Cie., Baden, Switzerland. Electron discharge device. 2,386,400; Oct. 9.
Jones, Alan E., assignor to British Insulated Cables Limited, Prescot, England. Preparation of diamond dies for wire drawing. 2,385,137; Sept. 18.
Jones, Alfred R., Burlington, Ontario, Canada. Door latch and lock. 2,368,840; Feb. 6.
Jones, Alvin J., assignor to Landis Tool Company, Waynesboro, Pa. Chuck. 2,389,366; Nov. 20.
Jones, Arthur D.: *See*—
Crawford, J. W. C., and Jones.
Jones, Basil E.: *See*—
Tully, J. K., Andersen, and Jones.
Jones, Bliss M., assignor to Rodney Hunt Machine Company, Orange, Mass. Drying and conditioning apparatus. 2,373,896; Apr. 17.
Jones, Bobby F., Lexington, Ky. Thresher. 2,387,796; Oct. 30.
Jones, Bolling, Jr.: *See*—
White, R. H., Hodgson, Jones, and White.
Jones, Carl G., Youngstown, Ohio. Rolling sheet metal. 2,385,627; Sept. 25.
Jones, Cecil E.: *See*—
Huston, W. M., and Jones.
Jones, Cecil E., Lima, Ohio. Power shovel dipper door latch. 2,376,597; May 22.
Jones, Charles, Warrington, assignor to Hanson & Edwards Limited, Warrington, Lancashire, England. Tubular wire stranding machine. 2,371,523; Mar. 13.
Jones, Charles G., and W. F. Van de Venter, Louisville, Ky., assignors to General Box Company, Chicago, Ill. Reinforced shipping container and making same. 2,366,532; Jan. 2.
Jones, Charles L.: *See*—
Wood, C. M., and Jones.
Jones, Charles S., Los Angeles, Calif. Portable compressed air tank tire inflator. 2,384,174; Sept. 4.
Jones, Chas. E., et al.: *See*—
Williams, Dan T., assignor.
Jones, Clarence R.: *See*—
Orme, G. L., Jones, and Fletcher.
Jones, Clifford E., Peru, Ind. Mail box. 2,390,715; Dec. 11.
Jones, Cyril E. P., Harrogate, and J. W. Hotham, Harrow, England, assignors to Automatic Electric Laboratories Inc., Chicago, Ill. Electrical timing arrangement. 2,373,247; Apr. 10.
Jones, David G.: *See*—
Bremner, J. G. M., Stanley, Jones, and Taylor.
Jones, Don F., assignor to Motor Wheel Corporation, Lansing, Mich. Forced air circulator for furnaces. 2,370,795; Mar. 6.
Jones, Don F., J. W. Miller, and B. D. Figg, assignors to Motor Wheel Corporation, Lansing, Mich. Heating apparatus. 2,378,485; June 19.
Jones, Donald D.: *See*—
De Roche, D. R., and Jones.
Jones, Edwin A., Webster Groves, assignor to Majestic Manufacturing Company, St. Louis, Mo. Griddle construction. 2,370,663; Mar. 6.
Jones, Eldon M.: *See*—
Crooks, H. M., Jr., and Jones.
Jones, Elizabeth T., administratrix: *See*—
Jones, Karl M.
Jones, Ernest G., and G. O. Leach, Seattle, Wash. Hot top. 2,390,373; Dec. 4.
Jones, Frank A.: *See*—
Meyer, J. J., and Jones.
Jones, Frank D., assignor to Dain Manufacturing Company of Iowa, Ottumwa, Iowa. Side delivery rake. 2,370,355; Feb. 27.
Jones, Frank L., Edgewood, Pa., and T. J. Zak, assignors to Bausch & Lomb Optical Company, Rochester, N. Y. Transmission film for glass and producing same. 2,369,741; Feb. 20.
Jones, Franklin D., Upper Darby, assignor to American Chemical Paint Company, Ambler, Pa. Methods and compositions of killing weeds. 2,390,941; Dec. 11.
Jones, Frederick M., Minneapolis, Minn., assignor to U. S. Thermo Control Company. Two-cycle gas engine. 2,376,968; May 29.
Jones, George B., Caspar, Calif. Bark peeling machine. 2,380,049; July 10.
Jones, George D., Skelton, W. Va. Knee rest for crutches. 2,378,486; June 19.
Jones, Grinnell, and W. Juda, Cambridge, Mass., assignors to Albi Chemical Corporation, New York, N. Y. Fire retarding impregnating composition for wood. 2,386,471; Oct. 9.
Jones, Harry S., Arlington, Va., assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring apparatus. 2,367,868; Jan. 23.
Jones, Harry S., Washington, D. C., assignor to The Brown Instrument Company, Philadelphia, Pa. Control apparatus. 2,367,869; Jan. 23.
Jones, Harry S., Washington, D. C., assignor to The Brown Instrument Company, Philadelphia, Pa. Control apparatus. 2,376,488; May 22.
Jones, Harry S., Washington, D. C., assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring apparatus. 2,376,598; May 22.
Jones, Harry S., Washington, D. C., assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring and controlling apparatus. 2,376,599; May 22.
Jones, Harry S., Washington, D. C., assignor to The Brown Instrument Company, Philadelphia, Pa. Thermocouple. 2,381,058; Aug. 7.
Jones, Harry S., Washington, D. C., assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring and control apparatus. 2,385,447; Sept. 25.
Jones, Harry S., Washington, D. C., assignor to The Brown Instrument Company, Philadelphia, Pa. Control apparatus. 2,390,793; Dec. 11.
Jones, Harry S., assignor to The Brown Instrument Company, Philadelphia, Pa. Air control instrument. 2,369,571; Feb. 13.
Jones, Harry S., East Orange, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Fire alarm system. 2,376,920; May 29.
Jones, Homer W., Westfield, N. J., assignor to Union Carbide and Carbon Corporation. Blowtorch. 2,379,967; July 10.
Jones, Howard A.: *See*—
Hall, S. A., Travis, and Jones.
Jones, Hugh H., Birmingham, Ala., assignor to Hugh Jones Products Company. Cleaning and lubricating emulsion. 2,388,153; Oct. 30.
Jones, Insley P.: *See*—
Willauer, E. E., and Jones.
Jones, James R., Lakewood, assignor to Art Metal Construction Company, Jamestown, N. Y. Locking mechanism for file drawers. 2,379,157; June 26.
Jones, Jean P.: *See*—
Frey, F. E., and Jones.
Oberfell, G. G., and Jones.
Jones, Jean P., Bartlesville, Okla., assignor to Phillips Petroleum Company. Diolefin production. 2,376,059; May 15.
Jones, Jean P., Bartlesville, Okla., assignor to Phillips Petroleum Company. Production of motor fuel. 2,376,060; May 15.
Jones, Jean P., Bartlesville, Okla., assignor to Phillips Petroleum Company. Production of low-boiling diolefins. 2,376,061; May 15.
Jones, Jean P., Bartlesville, Okla., assignor to Phillips Petroleum Company. Production of motor fuel. 2,380,984; Nov. 27.
Jones, John W.: *See*—
Bruni, R. H., and Jones.
Jones, John W., Jr., Los Angeles, Calif., assignor to Radio Corporation of America. Sound reproducer test method and system. 2,375,111; May 1.
Jones, John W., Jr., Los Angeles, Calif., assignor to Radio Corporation of America. Film marking system. 2,385,861; Oct. 2.

Jones, Joseph W., New York, N. Y. Aircraft identifying and range estimating trainer. 2,381,757; Aug. 7.
Jones, Karl M., deceased, Montclair, N. J.; E. T. Jones, administratrix. Nut cracking device. 2,381,288; Aug. 7.
Jones, Kenneth L., Lansing, assignor to General Motors Corporation, Detroit, Mich. Lighting system. 2,381,169; Aug. 7.
Jones & Lamson Machine Company: *See*—
Flandera, Ralph E., assignor.
Holmes, Morris P., assignor.
Johnson, Joseph H., assignor.
Lovely, John E., assignor.
Jones & Lamson Machine Company, et al.: *See*—
Ross, Walter F., assignor.
Jones, Leo D., Philadelphia, and W. H. Bath, West Conshohocken, Pa. Centrifugal separator. 2,370,315; Feb. 27.
Jones, Leon H., Norfolk, Va. Locomotive spark arrester. 2,379,007; June 26.
Jones, Lester L., Oradell, assignor to Conmar Products Corporation, Newark, N. J. Tape for slide fasteners. 2,378,835; Apr. 17.
Jones, Lewis W.: *See*—
Connell, L. E., and Jones.
Jones, Lloyd E., Pasadena, Calif. Brush making machine. 2,368,661; Feb. 6.
Jones, Lloyd E., assignor to Graham Transmissions Inc., Milwaukee, Wis. Universal joint. 2,373,897; Apr. 17.
Jones, Loren F., Philadelphia, Pa., assignor to Radio Corporation of America. Spark plug. 2,372,429; Mar. 27.
Jones, Louis C., Greenwich, and W. P. Ericks, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Alkoxypropylamine condensation products. 2,375,659; May 8.
Jones, Loyd A., C. N. Nelson, and L. D. Clark, assignors to Eastman Kodak Company, Rochester, N. Y. Sensitometry. 2,380,244; July 10.
Jones, Mager C., Portsmouth, Va. Oil vaporizer and burner. 2,381,289; Aug. 7.
Jones, Mary G. P.: *See*—
Jones, Thomas E. and M. G. P.
Jones, Minor C. K., Mountainside, N. J., assignor to Standard Oil Development Company. Desulphurizing motor fuels and improving octane rating. 2,372,084; Mar. 20.
Jones, Minor C. K., Mountainside, N. J., assignor to Standard Oil Development Company. Producing sulphur. 2,384,926; Sept. 18.
Jones, Minor C. K., Elizabeth, N. J., assignor to Standard Oil Development Co. Recovery of vanadium and nickel from petroleum. 2,383,972; Sept. 4.
Jones, Oliver E., Seattle, Wash. Cutting tool for wire coverings. 2,370,733; Mar. 6.
Jones, Otha C., Anniston, Ala., assignor to Monsanto Chemical Company. Recovering fluorine compounds. 2,385,208; Sept. 18.
Jones, Paul C., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Vulcanization of rubber. 2,377,787; June 5.
Jones, Paul C., Silver Lake Village, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Synthetic rubber composition. 2,381,059; Aug. 7.
Jones, Paul W., and J. W. Swezey, assignors to Rostone Corporation, La Fayette, Ind. Synthetic stone and making it. 2,382,154; Aug. 14.
Jones, Paul W., and J. W. Swezey, assignors to Rostone Corporation, La Fayette, Ind. Artificial structural material and making it. 2,382,155; Aug. 14.
Jones, Peter: *See*—
Walton, G. H., Quayle, and Jones.
Jones, Phillip E., Redondo Beach, and M. T. Flaxman, Inglewood, assignors to Union Oil Company of California, Los Angeles, Calif. Treatment of oil producing sands. 2,369,831; Feb. 20.
Jones, Robert L., Waukegan, Ill., assignor to Abbott Laboratories. Obtaining gland extracts. 2,388,417; Nov. 6.
Jones, Robert M., Biddeford, Maine, assignor to Saco-Lowell Shops, Boston, Mass. Weighting mechanism for spinning and roving frames. 2,387,703; Oct. 23.
Jones, Russell S., Jr., Chicago, Ill., assignor to Niagara Blower Company, New York, N. Y. Heat exchanger. 2,374,208; Apr. 24.
Jones, Samuel F.: *See*—
Freel, W. G., Diver, and Jones.
Jones, Taze W., Frederick Colo. Flexible conveyer. 2,377,155; May 29.
Jones, Thomas E. and M. G. P., South Bend, Ind. Crutch tip. 2,376,776; May 22.
Jones, U. L., Otis, Kans. Gas generator. 2,367,401; Jan. 16.
Jones, Welton P., Rydal, assignor to Philco Corporation, Philadelphia, Pa. Refrigerator cabinet construction. 2,381,598; Aug. 7.
Jones, Wilbur L., assignor to Interchemical Corporation, New York, N. Y. Printing. 2,375,660; May 8.
Jones, Wilfred: *See*—
Edmondson, W., and Jones.
Jones, William, Ely, Minn., assignor to Oliver Iron Mining Company. Time delay-relay switch. 2,389,856; Nov. 27.
Jones, William C., and C. T. Shewell, Baytown, Tex., assignors to Standard Oil Development Company. Absorption of gases. 2,372,085; Mar. 20.
Jones, William D., London, assignor to The Sheepbridge Stokes Centrifugal Castings Company, Limited, Chesterfield, England. Prevention of ice formation on aircraft. 2,372,581; Mar. 27.
Jones, William E., Tulia, Tex. Traffic signal light. 2,390,592; Dec. 11.
Jones, William L., Jr., Schenectady, N. Y., assignor to General Electric Company. Electric vacuum switch 2,383,973; Sept. 4.
Jones, Willis H., Kenmore, N. Y. Lubricated lathe center. 2,382,883; Aug. 14.
Jongedyk, Ralph, Hinsdale, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Machine control mechanism. 2,369,298; Feb. 13.
Jongeneel, Albert M., et al: *See*—
Lea, H. V., and Schmidt, assignors.
Lea, H. V., Schmidt, and du Bose, assignors.
Jonsson, Josef E., Linkoping, Sweden. Capping head. 2,371,334; Mar. 13.
Jordan, Curtis S.: *See*—
Sneed, R. C., and Jordan.
Jordan, Earl G., Moweaqua, Ill. Cylinder. 2,384,309 Sept. 4.
Jordan, Herman J., San Rafael, Calif. Dispenser and control for the same. 2,372,281; Mar. 27.
Jordan, John W., Port Allegany, assignor to Pittsburgh Corning Corporation, Allegheny County, Pa. Cellulation of plastics. 2,385,921; Oct. 2.
Jordan, Richard H., Mansfield, Ohio, assignor to Dominion Electrical Manufacturing, Inc. Snap-action mechanism. 2,374,435; Apr. 24.
Jordan, Russ C., Van Nuys, Calif., assignor to Adel Precision Products Corp. Conduit supporting device. 2,372,674; Apr. 3.
Jordan, Stanley R., Dayton, Ohio. Feed-back circuit. 2,372,956; Apr. 3.
Jordan, Thomas, Salt Lake City, Utah. Reciprocatory motion apparatus. 2,391,785; Dec. 25.
Jordan, Thomas S., Springhill, La. Method and apparatus for felt conditioning. 2,368,662; Feb. 6.
Jordan, William B., and P. V. Johnson, Schenectady, N. Y., assignors to General Electric Company. Trunnion tilt corrector apparatus. 2,390,374; Dec. 4.
Jordan, William H., Kansas City, Mo. Pitot-static tube testing connection. 2,371,243; Mar. 13.
Jorden, Oliver R.: *See*—
Morin, W. R., Jr., and Jorden.
Jorg, John D., St. Johns, Ohio. Threshing machine. 2,377,238; May 29.
Jorgensen, Bernhardt, Marblehead, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Toe-lasting machine. 2,367,282; Jan. 16.
Jorgensen, Bernhardt, Marblehead, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Controlling means for fluid-operated machines. 2,367,782; Jan. 23.
Jorgensen, Bernhardt, Marblehead, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Lasting machine. 2,377,887; June 12.
Jorgensen, Bernhardt, Marblehead, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Lasting machine. 2,387,331; Oct. 23.
Jorgensen, Bernhardt, Marblehead, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe machine. 2,391,461; Dec. 25.
Jorgensen, Clarence H. Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Engine controller. 2,383,108; Aug. 21.
Jorgensen, David F., Temple City, Calif. Tool guard. 2,367,945; Jan. 23.
Jorgensen, David F., Temple City, Calif. Latch for rodent traps. 2,371,447; Mar. 13.
Jorgenson, Alf A., San Diego, Calif. Navigation instrument. 2,367,128; Jan. 9.
Jorgenson, Gerald A.: *See*—
Cohen, M., Enoch, Hasty, and Jorgenson.
Jorgenson, John P., Wilmette, and A. G. Kling, assignors to Kling Bros. Engineering Works, Chicago, Ill. Tumbler. 2,380,652; July 31.
Jorgenson, Ralph J., and F. L. Clute, San Francisco, Calif. Display device. 2,385,002; Sept. 18.
Joseph, Curt B., Saint Helens, assignor to Pilkington Brothers Limited, Liverpool, England. Manufacture of plastic materials. 2,370,669; Mar. 6.
Josepho, Aron M., New York, N. Y. Pocket calculating machine. 2,380,846; July 31.
Josh, George: *See*—
Porsche, J. D., and Josh.
Joshua, Walter P.: *See*—
Brittain, E. H., Joshua, and Whitmarsh.
Joslyn, Paul L., San Francisco, Calif. Steam boiler. 2,367,870; Jan. 23.
Joss, Joseph, Douglas, Ariz. Glass cutting apparatus. 2,370,470; Feb. 27.
Jost, Wilford E., San Marino, assignor to M. S. Lopez, Los Angeles, Calif. Camouflage material. 2,370,734; Mar. 6.
Joy, Homer V. B., Montclair, and J. B. Rust, Verona, N. J., assignors to Lyndhurst Chemical Corporation. Perfume materials. 2,373,568; Apr. 10.
Joy, Joseph F.: *See*—
Knoizen, A. S., and Joy.

Joy, Joseph F., Claremont, N. H. Hydraulic elevating mechanism. 2,378,409; June 19.
Joy, Joseph F., Claremont, N. H. Pump. 2,381,910; Aug. 14.
Joy, Joseph F., Claremont, N. H. Stove. 2,383,488; Aug. 28.
Joy Manufacturing Company: *See*—
Arentzen, Einar M., assignor.
Ball, Charles F., assignor.
Knoizen, A. S., and Joy, assignors.
Mavor, John B., assignor.
Russel, John D., assignor.
Joy, Robert W., Berwick, Pa., assignor to American Car and Foundry Company, New York, N. Y. Car truck brake. 2,379,084; June 26.
Joyce, Asa W.: *See*—
Scalera, M., and Joyce.
Joyce, Bryan P., East Orange, N. J. Firing control mechanism. 2,372,327; Mar. 27.
Joyce, Edward F., Kansas City, Kans. Clamp. 2,385,209; Sept. 18.
Joyce, Floyd E., and E. J. Lindhardt, assignor to National By-Products, Incorporated, Des Moines, Iowa. Manufacture of soap products. 2,382,063; Aug. 14.
Joyce, Inc.: *See*—
Joyce, William H., Jr., assignor.
Joyce, Robert M., Jr., Marabaillton, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Pyrolysis products of solid polymers of ethylene. 2,372,001; Mar. 20.
Joyce, Robert M., Jr., Marshallton, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of esters. 2,375,301; May 8.
Joyce, Teresa O.: *See*—
(Joyce, T. M., assignor), and Fite.
Joyce, Thomas M., deceased, Salinas, and P. L. Fite, Sacramento, Calif.; said T. M. Joyce assignor by decree of court to T. O. Joyce. Single-row scour prevention fence. 2,381,290; Aug. 7.
Joyce, William E., W. H. Himes, and D. I. Wilson, assignors to The City Engineering Company, Dayton, Ohio. Screw machine. 2,388,612; Nov. 6.
Joyce, William H., Jr., assignor to Joyce, Inc., Pasadena, Calif. Trackway work station rack combination. 2,367,218; Jan. 16.
Joyce, William H., Jr., assignor to Joyce, Inc., Pasadena, Calif. Method and apparatus for manufacturing articles from preformed parts. 2,377,631; June 5.
Joyce, William J.: *See*—
Tillyer, E. D., Joyce, and Moulton.
Joyce, William J., Sturbridge, Mass., assignor to American Optical Company, Southbridge, Mass. Respirator. 2,378,929; June 26.
Joyce, William J., Jr., Manheim, Pa., assignor to Raybestos-Manhattan, Inc., Passaic, N. J. Fiberizing asbestos. 2,386,401; Oct. 9.
Joyce, William J., and G. W. Jackson, assignors to American Optical Company, Southbridge, Mass. Machine for generating curved surfaces. 2,380,446; July 31.
Juda, Walter: *See*—
Jones, G., and Juda, assignors.
Judd, Charles H., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,367,283; Jan. 16.
Judd, Charles H., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,377,694; June 5.
Judd, Charles H., assignor to Tinnerman Products, Inc. Cleveland, Ohio. Jar fastener. 2,384,310; Sept. 4.
Judd, Frederick V. H.: *See*—
Colvin, J. W., and Judd.
Judd, William F., North Kansas City, Mo. Calculating device. 2,382,004; Aug. 14.
Judge, Franklin, Greenfield, Mass. Die holder. 2,385,922; Oct. 2.
Judge, Thomas J., assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. 2,383,803; Aug. 28.
Judkins, Forrest H.: *See*—
Hogan, J. H., Kettler, Judkins, and Hall.
Judkins, Theodore R., Atlanta, Ga. Concrete form tie. 2,383,864; Aug. 28.
Juelss, David, Brooklyn, N. Y., assignor to American Lead Pencil Company, Hoboken, N. J. Feed for fountain pens. 2,380,763; July 31.
Julian, Percy L.: *See*—
Levinson, A. A., Julian, and Engstrom.
Julian, Percy L., Maywood, E. W. Meyer, Evanston, and H. T. Iveson, Chicago, Ill., assignors, by mesne assignments, to American Lecithin Company, Cleveland, Ohio. Phosphatide product and making. 2,373,686; Apr. 17.
Julian, Percy L., Maywood, E. W. Meyer, Evanston, and H. T. Iveson, Chicago, Ill., assignors, by mesne assignments, to American Lecithin Company, Cleveland, Ohio. Confection and making. 2,373,687; Apr. 17.
Julian, Percy L., Maywood, and E. W. Meyer, Evanston, Ill., assignors, by mesne assignments, to American Lecithin Company, Cleveland, Ohio. Phosphatide composition. 2,374,681; May 1.
Julian, Percy L., Maywood, and E. W. Meyer, Evanston, Ill., assignors, by mesne assignments, to American Lecithin Company, Cleveland, Ohio. Oil-phosphatide composition. 2,374,682; May 1.
Julian, Percy L., Maywood, J. W. Cole, Chicago, A. Magnani, Wilmette, and H. E. Conde, Chicago, Ill., assignors to The Glidden Company, Cleveland, Ohio. Dehalogenation of steroids. 2,374,683; May 1.
Julian, Percy L., Maywood, and E. W. Meyer, Evanston, Ill., assignors, by mesne assignments, to American Lecithin Company, Cleveland, Ohio. Preparation of a phosphatide composition. 2,391,462; Dec. 25.
Julian, Richard O., Richmond, Ind. Fly cutter. 2,375,926; May 15.
Julianelli, Charles A.: *See*—
Julianelli, Mabel and C. A.
Julianelli, Charles A., New York, N. Y. Shoe construction. 2,384,927; Sept. 18.
Julianelli, Mabel and C. A., New York, N. Y. Glove construction. 2,386,688; Oct. 9.
Julien, Arlie P., Syracuse, and G. N. Terziev, Solvay, assignors to The Solvay Process Company, New York, N. Y. Manufacture of sodium hydrosulphides. 2,376,433; May 22.
Julyan, Fred G., Euclid, Ohio, assignor to Pocahontas Fuel Company Incorporated, New York, N. Y. Bin feed mechanism. 2,387,399; Oct. 23.
Julyan, Fred G., Euclid, Ohio, assignor to Pocahontas Fuel Company Incorporated, New York, N. Y. Stoker gas back. 2,387,400; Oct. 23.
Julyan, Fred G., and W. M. Schweickart, Euclid, Ohio, assignors to Pocahontas Fuel Company Incorporated, New York, N. Y. Segmental retort. 2,366,966; Jan. 9.
Julyan, Fred G., and W. M. Schweickart, Euclid, Ohio, assignors to Pocahontas Fuel Company Incorporated, New York, N. Y. Stoker. 2,370,246; Feb. 27.
Jungersen, Thoger G., Summit, N. J. Optical reflecting material. 2,380,447; July 31.
Junghans, Helmut. Schramberg-Sulgen, Eckenhof, Germany; vested in the Alien Property Custodian. Fuse. 2,380,764; July 31.
Jungjohann, Vernon H.: *See*—
Fairbanks, H. N., and Jungjohann.
Jungmann, Martin, New York, N. Y. Wrist protector. 2,388,330; Nov. 6.
Junkin, Malcolm P., Lansdowne, assignor to L. Wolf, Elkins Park, E. Wolf, Dresher, H. A. Wolf, Jenkintown, and W. L. Wolf, Rydal, copartners doing business as National Metal Edge Box Company, Philadelphia, Pa. Box. 2,370,967; Mar. 6.
Junkin, Malcolm P., Drexel Hill, Pa. Apparatus for producing stayed boxes. 2,388,266; Nov. 6.
Junkin, Malcolm P., Drexel Hill, Pa. Box. 2,388,267; Nov. 6.
Jurs, Albert E., Jr., Berkeley, Calif., assignor to Shand and Jurs Company. Liquid sampling device. 2,388,548; Nov. 6.
Justice, George E., F. M. Thurston, and F. N. Young, assignors to Houston Oil Field Material Company, Inc., Houston, Tex. Retractable packer. 2,389,085; Nov. 27.
Justrite Manufacturing Company: *See*—
Brown Le Roy O., assignor.
Packer, C. S., and Brown, assignors.
Packer, C. S., and Olsen, assignors.
Justus, James W., Birmingham, Ala. Apparatus for deep sea rescue and salvage. 2,377,695; June 5.
Jutte, William B., Los Angeles, Calif. Cooling fluids on boats and the like. 2,386,803; Oct. 16.
Juul, Soren N., assignor to Briggs Manufacturing Company, Detroit, Mich. Airplane wheel. 2,370,316; Feb. 27.
Juvenile Wood Products, Inc.: *See*—
Muller, Albert B., assignor.
K-C-M Company: *See*—
Van de Carr, Charles R., Jr., assignor.
K-D Lamp Company, The: *See*—
Trautner, Wagn, assignor.
K M & H Corporation: *See*—
Hoffman, H. V., and Kaufman, assignors.
Kaase, Walther, Reichenbach in Vogtland, and E. Waltmann, Krefeld, Germany, assignors to Heberlein Patent Corporation, New York, N. Y. Rendering material water-repellent and products therefrom. 2,370,405; Feb. 27.
Kaczmarek, Roman, et al.: *See*—
Stein, Elmer L., assignor.
Kaehler, Arnold A.: *See*—
Johnson, E. B., and Kaehler.
Kaehler, Arnold A., Red Wing, Minn. Soybean food concentrate and preparation. 2,379,441; July 3.
Kaemmerling, Gustav H., assignor to Lord Manufacturing Company, Erie, Pa. Deflection measuring instrument. 2,386,472; Oct. 9.
Kaercher, Edwin B., Lima, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Producing metallic disulphides, tellurides, and selenides. 2,367,946; Jan. 23.
Kaeser, Harold, Vancouver, Wash. Teat plug for pipes. 2,375,995; May 15.
Kaestner, Thankmar W.: *See*—
Williams, C. B., and Kaestner.
Kafowi, Jan, Long Island City, N. Y. Apparatus for working metals. 2,369,299; Feb. 13.
Kagan, Ralph: *See*—
Gardner, P., and Kagan.
Kagen, Simon: *See*—
Rothenberg, I., Kagen, and Gurewitz.

Kahl, Fritz: *See*—
Knox, A. L., and Kahl.
Kahl, Fritz, and O. C. Booher, Fort Wayne, Ind., assignors to Farnsworth Television and Radio Corporation. Automatic record changing apparatus. 2,384,682; Sept. 11.
Kahl, Joseph, New York, N. Y. Index for thermometers. 2,370,968; Mar. 6.
Kahle, Dale W., Jamestown, N. Y. Hinge. 2,372,431; Mar. 27.
Kahler, Edwin H.: *See*—
Stockstrom, A., Kahler, and Morrill.
Kahler, William, Los Angeles, and F. H. Lathrop, San Dimas, assignors to Northrop Aircraft, Inc., Hawthorne, Calif. Machine for dimpling or the like. 2,374,019; Apr. 17.
Kahlisch, Gustav: *See*—
Reinerb, Wilhelm and W., Kahlisch, and Fürst.
Kahn, Albert: *See*—
Roe, James, assignor.
Kahn, Benjamin, Gadsden, Ala. Rug, covering, or the like. 2,379,085; June 26.
Kahn, Bertrand B., Cincinnati, assignor to The Estate Stove Company, Hamilton, Ohio. Stove. 2,372,086; Mar. 20.
Kahn, David, Inc: *See*—
Para, J. W., and Weisser, assignors.
Kahn, Lawrence, Brooklyn, N. Y. Dress form and hanger. 2,366,533; Jan. 2.
Kahn, Leo M., New York, N. Y. Press. 2,383,723. Aug. 28.
Kahn, Lewis I., Jamaica, N. Y. Venetian blind structure. 2,381,060; Aug. 7.
Kahn, Samuel, Bridgeport, Conn., assignor to Manning, Maxwell & Moore, Incorporated, New York, N. Y. Pulsation dampener. 2,370,965; Mar. 6.
Kahn, Samuel, Bridgeport, Conn., assignor to Manning, Maxwell & Moore, Incorporated, New York, N. Y. Case for dial instruments. 2,384,928; Sept. 18.
Kail, Karl A., Montrose, Pa., assignor to Link Aviation Devices, Inc., Binghamton, N. Y. Ball bearing. 2,391,245; Dec. 18.
Kain, Clifford H.: *See*—
Mallmann, W. L., Kain, and Schaefer.
Kaiser Cargo, Inc.: *See*—
McMullen, Robert L., assignor.
Kaiser, Donald W.: *See*—
Thurston, J. T., and Kaiser.
Kaiser, Donald W., Riverside, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparation of dithioammelide. 2,375,733; May 8.
Kaiser, Donald W., Riverside, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparation of amino triazoles. 2,382,156; Aug. 14.
Kaiser, Donald W., and J. T. Thurston, Riverside, Conn., assignors to American Cyanamid Company, New York, N. Y. Preparation of sulphonyl guanylureas. 2,368,841; Feb. 6.
Kaiser, Donald W., and J. T. Thurston, Riverside, Conn., assignors to American Cyanamid Company, New York, N. Y. 1,3-dicyanoguanidine and preparation thereof. 2,371,100; Mar. 6.
Kaiser, Erwin J.: *See*—
Woytych, R. M., and Kaiser.
Kaiser, Heinrich, Jena, Germany; vested in the Alien Property Custodian. Arrangement for photographically recording variable processes. 2,366,194; Jan. 2.
Kaiser, Ludwig, New Haven, Conn. Cabinet or the like. 2,388,978; Nov. 13.
Kaiser, Otto, assignor to the Swiss firm of Society of Chemical Industry in Basle, Basel, Switzerland. Asymmetrical urea disazo dyestuffs. 2,375,561; May 8.
Kaiser, Otto, assignor to Society of Chemical Industry in Basle, Basel, Switzerland. Metallizable polyazo triazine dyestuffs. 2,387,997; Oct. 30.
Kaiser, Otto, assignor to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Metallizable triazine azo dyestuffs. 2,391,164; Dec. 18.
Kaiser, Wilhelm: *See*—
Hentrich, W., Kaiser, and Endres.
Kalart Company, Inc., The: *See*—
Schwartz, M., and Castedello, assignors.
Kalichevsky, Vladimir A., F. E. Ray, and J. W. Payne, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Treatment of heat transfer salts. 2,375,759; May 15.
Kalil, Emil O., Brooklyn, N. Y., and W. E. Gleim, Bloomfield, N. J., assignors to Wabash Appliance Corporation, Brooklyn, N. Y. Photographic flash lamp. 2,375,742; May 8.
Kalil, Eugene J., Huntington, W. Va., assignor to The International Nickel Company, Inc., New York, N. Y. Lead coating. 2,390,440; Dec. 4.
Kalin, Albert, Cleveland, Ohio. Governor. 2,378,558; June 19.
Kalin, Albert, Cleveland, Ohio. Governor. 2,379,304; June 26.
Kalischer, Milton, Longmeadow, Mass., assignor to Westinghouse Electric & Manufacturing Company. East Pittsburgh, Pa. Refrigeration apparatus. 2,375,851; May 15.
Kalischer, Philip R.: *See*—
Scott, H., and Kalischer.

Kalischer, Philip R., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Particle size determination. 2,379,158; June 26.
Kalix, John, Dayton, Ohio. Hydroelectric power unit. 2,366,732; Jan. 9.
Kalix, John, Dayton, Ohio. Submarine excavating device. 2,371,174; Mar. 13.
Kalix, John, Dayton, Ohio. Tamping apparatus. 2,384,469; Sept. 11.
Kallander, Ernest L., assignor to Dennison Manufacturing Company, Framingham, Mass. Peelable heat-seal sheet material. 2,376,777; May 22.
Kallander, Ernest L., assignor to Dennison Manufacturing Company, Framingham, Mass. Heat-seal sheet material. 2,376,778; May 22.
Källe, Karl T., Saffle, Sweden. Gas generator charged with solid combustible fuel. 2,376,149; May 15.
Kallenbach, Donald D., assignor to Ideal Laboratory Tool & Supply Co., Cheyenne, Wyo. Oscillator. 2,366,266; Jan. 2.
Kallmann, Heinz E., Boston, Mass. Book. 2,369,572; Feb. 13.
Kallmann, Heinz E., Boston, Mass. Flexible plastic sheet. 2,381,061; Aug. 7.
Kallus, Joseph L., Brooklyn, N. Y. Toy figure. 2,373,963; Apr. 17.
Kalman Floor Company, Inc.: *See*—
Davis, Raymond E., assignor.
Kalmar, Arthur F., Riverside, assignor to Food Machinery Corporation, San Jose, Calif. Treating fruit. 2,374,209; Apr. 24.
Kalmar, Arthur F., Riverside, assignor to Food Machinery Corporation, San Jose, Calif. Treating fruit. 2,374,210; Apr. 24.
Kalmar, Arthur F. Riverside, assignor to Food Machinery Corporation, San Jose, Calif. Treating fruit. 2,386,954; Oct. 16.
Kalnitz, Joseph, Buffalo, N. Y. Projectile intercepting means. 2,369,464; Feb. 13.
Kalous, Mieczyslaw J. and N. E. Rambush, Stockton-on-Tees, England. Process and apparatus for the concentration of sulphuric acid. 2,369,573; Feb. 13.
Kalpakoff, William A., Walnut Park, assignor to P. Solotoy, Los Angeles, Calif. Furniture spring construction. 2,371,825; Mar. 20.
Kalpakoff, William A., Walnut Park, assignor to Percy Solotoy, Los Angeles, Calif. Furniture spring construction. 2,379,086; June 26.
Kals, William S., Vancouver, British Columbia, Canada, assignor to The Folmer Graflex Corporation, Rochester, N. Y. Operating device for cameras. 2,371,524; Mar. 13.
Kals, William S., Vancouver, British Columbia, Canada. Camera. 2,372,430; Mar. 27.
Kalsing, Harry Weisswasser, H. Krefft, Berlin-Schoneberg, and K. Larche, Berlin-Tempelhof, Germany, assignors to General Electric Company. Glass envelope for electric sunlamps. 2,367,871; Jan. 23.
Kalstein, Abraham G., assignor to Aerovox Corporation, New Bedford, Mass. Electrical terminal. 2,368,548; Jan. 30.
Kalva Venders, Inc.: *See*—
Larimore, Harvey T., assignor.
Kalwitz, Herman C., Park Ridge, Ill. Joining bus bars. 2,387,154; Oct. 16.
Kaman, Frank A., Aurora, assignor to Independent Pneumatic Tool Company, Chicago, Ill. Squeeze riveter. 2,384,175; Sept. 4.
Kaman, Frank A., Aurora, assignor to Independent Pneumatic Tool Company, Chicago, Ill. Squeeze riveter. 2,387,449; Oct. 23.
Kamborian, Jacob S., West Newton, Mass. Method of and apparatus for crimping the marginal portion of sheet material. 2,378,639; June 19.
Kamborian, Jacob S., West Newton, Mass. Lasting shoes. 2,387,028; Oct. 16.
Kamienski, Joseph, Glen Ridge, N. J. Reading aid for scaled implements. 2,367,872; Jan. 23.
Kaminky, Oscar H., Freeport, Ill., assignor, by mesne assignments, to First Industrial Corporation, Wilmington, Del. Switch mechanism. 2,379,305; June 26.
Kaminski, John, Altadena, Calif. Radiant heating apparatus. 2,387,516; Oct. 23.
Kamlet, Jonas, New York, N. Y., assignor to Miles Laboratories, Inc., Elkhart, Ind. Synthetic elastomers. 2,378,559; June 19.
Kämmel, Ernst H.: *See*—
Anschütz, R., and Kämmel.
Kämmel, Hugo E., Zella-Mehlis, Germany; vested in the Alien Property Custodian. Locking mechanism for typewriting calculating machines. 2,369,574; Feb. 13.
Kämmel, Hugo E., Zella-Mehlis, Germany; vested in the Alien Property Custodian. Coupling device for typewriting calculating machines. 2,371,826; Mar. 20.
Kämmel, Hugo E., Zella-Mehlis, Germany; vested in the Alien Property Custodian. Mechanism for controlling total and subtotal taking operations for typewriting calculating machines. 2,380,598; July 31.
Kamp, Ewald A., and F. D. Prager, Chicago, Ill., assignors to Graver Tank & Mfg. Co., Inc. Liquid treatment. 2,370,356; Feb. 27.
Kamrath, Herbert G., Flint, assignor to General Motors Corporation, Detroit, Mich. Air cleaner and silencer assembly. 2,385,814; Oct. 2.

Kanary, Mark H., Los Angeles, Calif. Recouping buckle. 2,386,473; Oct. 9.

Kandall, Charles, New York, N. Y. Reinforced concrete tank. 2,389,057; Nov. 13.

Kandarian, Samuel M.: *See*—
Baxter, B., and Kandarian.
Baxter, B., and Kandarian, assignors.

Kandoian, Armig G., New York, N. Y., assignor to Federal Telephone and Radio Corporation, Newark, N. J. Antenna array. 2,366,195; Jan. 2.

Kandoian, Armig G., New York, N. Y., assignor to Federal Telephone and Radio Corporation. Glide path beacon. 2,367,680; Jan. 23.

Kandoian, Armig G., New York, N. Y., assignor to Federal Telephone and Radio Corporation, Newark, N. J. Broad band antenna. 2,368,663; Feb. 6.

Kandoian, Armig G., New York, N. Y., assignor to Federal Telephone & Radio Corporation. Instrument landing guide system. 2,379,442; July 3.

Kandoian, Armig G., New York, N. Y., assignor to Federal Telephone and Radio Corporation. Controlling horizontal patterns for glide paths. 2,383,489; Aug. 28.

Kandoian, Armig G., New York, N. Y., assignor to Federal Telephone and Radio Corporation. Loop antenna. 2,383,490; Aug. 28.

Kane Carburetor Corporation: *See*—
Kane, Frank A., Jr., assignor.

Kane, David S., Roslyn, assignor, by mesne assignments, to Camloc Fastener Corporation, New York, N. Y. Fastening device. 2,368,713; Feb. 6.

Kane, Frank A., Jr., Derby, Conn., assignor to Kane Carburetor Corporation of Delaware, Wilmington, Del. Vacuum booster for windshield wipers. 2,379,719; July 3.

Kane, Jasper H., Garden City, A. C. Finlay, Long Island City, and P. F. Amann, assignors to Chas. Pfizer & Co., Inc., Brooklyn, N. Y. Production of itaconic acid. 2,385,283; Sept. 18.

Kane, John T., River Forest, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Article handling apparatus. 2,367,506; Jan. 16.

Kane, Joseph P., Charleston, S. C. Wire and cable stripping machine. 2,374,211; Apr. 24.

Kanhofer, Elmer R., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Catalytic conversion of hydrocarbons. 2,379,159; June 26.

Kanhofer, Elmer R., and B. M. Becker, Riverside, assignors to Universal Oil Products Company, Chicago, Ill. Alkylation of hydrocarbons. 2,374,819; May 1.

Kanihan, William J., Sacramento, Calif. Rivet remover. 2,375,112; May 1.

Kannenberg, Walter F., Lyndhurst, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave translating system. 2,373,569; Apr. 10.

Kanter, Elliott H., Brooklyn, N. Y. Conveyer lubricator. 2,367,354; Jan. 16.

Kantor, James, assignor to The Liquid Carbonic Corporation, Chicago, Ill. Container feed for filling machines. 2,370,969; Mar. 6.

Kantor, James, assignor to The Liquid Carbonic Corporation, Chicago, Ill. Bottle filler and siruper. 2,372,899; Apr. 3.

Kantor, James, assignor to The Liquid Carbonic Corporation, Chicago, Ill. Apparatus for crowning containers under vacuum. 2,378,640; June 19.

Kantor, James, assignor to The Liquid Carbonic Corporation, Chicago, Ill. Carbonator. 2,388,850; Nov. 13.

Kantrowitz, Morris S. and E. J. Gosnell, Washington, D. C. Manufacturing identifiable paper. 2,379,443; July 3.

Kapella Limited: *See*—
Reason, Richard E., assignor.
Warmisham, A., and Wynne, assignors.

Kaplan, Harry, Brooklyn, N. Y. Oven plate. 2,385,210; Sept. 18.

Kaplan, Morris: *See*—
Williams, F. J., and Kaplan.

Kaplan, Saul, Rutherford, assignor to The Richards Chemical Works, Jersey City, N. J. Imidazolines. 2,374,854; Apr. 24.

Kaplan, William, Texas City, Tex., assignor to Cities Service Oil Company, New York, N. Y. Processing pressure distillate. 2,367,284; Jan. 16.

Kappeler, Hans, assignor to Micafil Ltd., Works for Electrical Insulation and Winding Machines, Zurich, Switzerland. Apparatus for producing wound condensers. 2,382,065; Aug. 14.

Kappes, John J., assignor to H. Ratterman, Jr., Cincinnati, Ohio. Watch assembly. 2,366,196; Jan. 2.

Kaprelian, Edward K., Alexandria, Va. Optical system. 2,378,301; June 12.

Kaprelian, Edward K., Alexandria, Va. View and range finder. 2,384,552; Sept. 11.

Kaprelian, Edward K., Alexandria, Va. Range finder. 2,386,614; Oct. 9.

Kaptuller, Alexander F.: *See*—
Heilbrunn, S., and Kaptuller.

Karabinos, Joseph V., Columbus, and E. R. Eckhardt and W. I. Patterson, Chagrin Falls, Ohio, assignors to S. M. A. Corporation, Chicago, Ill. Extracting biotin. 2,374,212; Apr. 24.

Karan, Thomas: *See*—
Lovers, G. J., and Karan.

Karasick, Samuel, Mount Vernon, N. Y. Magnetic device. 2,376,150; May 15.

Karassik, Igor J., South Orange, assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Boiler feed pump control. 2,372,087; Mar. 20.

Karassik, Igor J., South Orange, assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Centrifugal pump. 2,386,898; Oct. 16.

Karczewski, Alexander S., North Chicago, Ill., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Lock. 2,386,868; Oct. 16.

Karelius, Albert C., Altadena, Calif. Lathing. 2,375,302; May 8.

Karelius, Carl A., Altadena, Calif. Lathing. 2,375,303; May 8.

Karg, Frank G., Chicago, Ill. Prophylactic package. 2,391,094; Dec. 18.

Karim, Ali, Calcutta, British India. Manufacture of molded products from vegetable starting material. 2,382,568; Aug. 14.

Karlberg, Arvid E., assignor to Chicago Seal Co., Chicago, Ill. Shaft seal. 2,370,471; Feb. 27.

Karlberg, Arvid E., assignor to Chicago Seal Co., Chicago, Ill. Shaft seal. 2,376,600; May 22.

Karle, John D., Roselle Park, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Surgical stitching instrument for eye and plastic surgery. 2,370,545; Feb. 27.

Karle, John D., Roselle Park, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Suture spool for surgical stitching instruments. 2,376,151; May 15.

Karle, John D., Roselle Park, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Spool for surgical sutures. 2,376,152; May 15.

Karlson, Karl R., Montclair, N. J., assignor to Union Bag & Paper Corporation, New York, N. Y. Packaging method. 2,376,256; May 15.

Karlström, Robert, Stockholm, Sweden, assignor to Electrolux Corporation, Old Greenwich, Conn. Filter material. 2,389,435; Nov. 20.

Karmazin, John, Grosse Ile, Mich. Manufacture of tubing. 2,375,661; May 8.

Karon, Melvin L.: *See*—
Altschul, A. M., and Karon.

Karow, George A., assignor of one-tenth to M. S. Fry and one-tenth to J. S. Doyon, Torrance, Calif. Sawhorse. 2,370,153; May 15.

Karp, Jack, Brooklyn, N. Y. Attachable shoe cap of plastic material. 2,380,050; July 10.

Karpen, S., & Bros.: *See*—
Adams, Arthur A., assignor.
Horner, K., and Hiltman, assignors.

Karplus, Eduardo, Belmont, and A. P. G. Peterson, assignors to General Radio Company, Cambridge, Mass. Ultra-high-frequency tuning apparatus. 2,367,681; Jan. 23.

Karr, William S.: *See*—
Abrams, T., Moore, and Karr.

Karrer, Walter, Riehen, near Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Acid esters of alkylated 1,4-naphthohydroquinones and manufacture of same. 2,383,392; Aug. 21.

Kasan, Louis, New York, N. Y. Venetian blind. 2,391,709; Dec. 25.

Kasarjian, Armen A., Elmhurst, N. Y. Ignition system. 2,376,362; May 22.

Kaschke, Kurt, Berlin-Neukoiln, Germany; vested in the Alien Property Custodian. Iron powder core. 2,385,578; Sept. 25.

Kase, Nathan, Binghamton, N. Y. Make-up cape. 2,379,722; July 3.

Kase, Otto E.: *See*—
Braun, K. J., and Kase.

Kasen, Daniel, Newark, N. J., assignor of one-half to H. K. Baron, Brooklyn, N. Y. Setup and adjustment means. 2,377,239; May 29.

Kasket, Guenther, New York, N. Y. Stocking foot. 2,391,165; Dec. 18.

Kasper, Cass S., Grosse Pointe, Mich. Feed pusher. 2,389,913; Nov. 27.

Kass, Samuel M., Philadelphia, Pa. Inside caliper. 2,377,240; May 29.

Kassler, Adolph, New York, N. Y., and J. B. D. Thompson, Berwick, Pa., assignors to American Car and Foundry Company, New York, N. Y. Convertible freight car. 2,366,967; Jan. 9.

Kasten, Walter, Franklin, assignor to Skinner Purifiers, Inc., Detroit, Mich. Filter. 2,367,873; Jan. 23.

Kasten, Walter, Franklin, assignor, by mesne assignments, to R. L. Skinner, Detroit, Mich. Filter-packs and manufacture. 2,375,246; May 8.

Kasten, Walter, Franklin, assignor to Ralph L. Skinner, Detroit, Mich. Helically wound body. 2,380,111; July 10.

Kaszuba, Frank J., Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. Preparing mixed polycarboxylic acid esters of cellulose. 2,380,806; July 31.

Katcher, Morris, New York, N. Y. Hydro-kinetic torque converter. 2,388,418; Nov. 6.

Katcher, Morris, New York, N. Y. Oil filter. 2,390,539; Dec. 11.

Kathe, Bertram C., Detroit, Mich. Electrodeposition. 2,381,911; Aug. 14.

Kattwinkel, Hans, Radebeul, Germany; vested in the Alien Property Custodian. Clutch, especially for motor cars with control change mechanism. 2,368,304; Jan. 30.

Katz, Abraham: *See*—
Bastiansen, Otto, assignor.

Katz, Donald L., and Arnulf K. Esterer, Ann Arbor, assignors to Hydraulic Brake Company, Detroit, Mich. Hydraulic pressure fluid. 2,390,258; Dec. 4.

Katz, Donald L., Ann Arbor, Mich., and T. H. Whaley, Jr., Bartlesville, Okla., assignors to Phillips Petroleum Company. High pressure separation. 2,391,576; Dec. 25.

Katz, Frank M.: *See*—
Rosenthal, Charles, assignor.

Katz, Jack, and A. Alfano, New York, N. Y. Animal trophy cut out. 2,382,231; Aug. 14.

Katz, Julius, New York, and F. P. Majoros, Brooklyn, assignors to Superba Manufacturing Co., Inc., New York, N. Y. Bias cutting machinery. 2,382,997; Aug. 21.

Katz, Morris, Bronx, N. Y. Bag handle attaching machine. 2,379,087; June 26.

Katz, Morris, Bronx, N. Y. Paper twine and producing the same. 2,388,745; Nov. 13.

Katz, Myer K., New York, N. Y. Shaving brush holder. 2,385,003; Sept. 18.

Katzen, Raphael, Brooklyn, N. Y., assignor to Northwood Chemical Company, Phelps, Wis. Lignin and production. 2,380,448; July 31.

Katzman, Max, Brooklyn, N. Y. Electric vaporizer. 2,387,155; Oct. 16.

Katzman, Max, Brooklyn, N. Y. Electric vaporizer. 2,387,156; Oct. 16.

Katzman, Morris: *See*—
Epstein, A. K., and Katzman, assignors.

Katzman, Morris, assignor to Emulsol Corporation, Chicago, Ill. Cleansing compositions. 2,374,213; Apr. 24.

Katzman, Morris, assignor to The Emulsol Corporation, Chicago, Ill. Amides. 2,388,154; Oct. 30.

Katzman, Morris, and A. K. Epstein, assignors to The Emulsol Corporation, Chicago, Ill. Ethers of alcohol amines. 2,390,942; Dec. 11.

Katzman, Philip A.: *See*—
Doisy, E. A., and Katzman.

Katzman, Toby, New York, N. Y. Blouse structure and the like. 2,376,969; May 29.

Kaufert, Frank H.: *See*—
Flenner, A. L., and Kaufert.
Holbrook, G. E., and Kaufert.

Kauffman, Walter L., II, assignor to Lovell Manufacturing Company, Erie, Pa. Wringer. Re. 22,639; May 1.

Kauffman, Walter L., II, assignor to Lovell Manufacturing Company, Erie, Pa. Wringer. 2,386,474; Oct. 9.

Kauffmann, Hans O., Eggertsville, and P. H. Margulies, Kenmore, assignors to Buffalo Electro-Chemical Company, Inc., Buffalo, N. Y. Bleaching. 2,391,710; Dec. 25.

Kaufman, Abraham, and H. Korman, New York, N. Y. Window lock. 2,373,400; Apr. 10.

Kaufman, Abraham, and H. Korman, New York, N. Y. Folding gate screen. 2,375,996; May 15.

Kaufman, Adolph G., New York, N. Y. Fuel burner. 2,370,172; Feb. 27.

Kaufman, Charles W., Hasbrouck Heights, N. J., assignor to General Seafoods Corporation, Boston, Mass. Producing oil from oil-bearing materials. 2,380,847; July 31.

Kaufman, Gus, and S. R. Philson, Beacon, assignors, by mesne assignments, to The Texas Company, New York, N. Y. Lubricant. 2,367,355; Jan. 16.

Kaufman, Hiram J., Detroit, Mich. Cooling and dehydrating apparatus. 2,390,104; Dec. 4.

Kaufman, Jacob M., Chicago, Ill. Knockdown office partition. 2,371,300; Mar. 13.

Kaufman, Von R.: *See*—
Hoffman, H. V., and Kaufman.

Kaufmann, Frank H., Elkins Park, assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa. Reed for warping machines and the like. 2,386,689; Oct. 9.

Kaufmann, Harry A., Grosse Pointe Park, Mich. Casement storm window. 2,384,929; Sept. 18.

Kaufmann, Hermann: *See*—
Herold, P., Kaufmann, and Worner.

Kaufmann, John J., Elkins Park, assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa. Loom harness. 2,382,795; Aug. 14.

Kaufmann, John J., Elkins Park, assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa. Loom harness. 2,386,690; Oct. 9.

Kaufmann, Milton, Belle Harbor, N. Y. Reversible garment. 2,375,562; May 8.

Kaufmann, Paul G., London, England. Control of the load distribution of a plurality of generator units or other energy transmission units supplying a common load. 2,366,968; Jan. 9.

Kaufmann, Werner: *See*—
Kesselring, F., Gieffers, and Kaufmann.

Kaunitz, Leonore, New York, N. Y. Brassière. 2,383,804; Aug. 28.

Kaupke, Lee H.: *See*—
Messenger, R. P., Kaupke, and Raney.

Kauppi, Toivo A.: *See*—
Dulmage, F. C., Jr., and Kauppi.

Kauth, Henry J., Rome, assignor to General Cable Corporation, New York, N. Y. Method of manufacturing electrical conductors. 2,382,423; Aug. 14.

Kavanagh, Frank W.: *See*—
Neely, G. L., and Kavanagh.

Kavanagh, Frank W., B. B. Farrington, and J. O. Clayton, Berkeley, assignors, by mesne assignments, to California Research Corporation, San Francisco, Calif. Compounded mineral oil. 2,381,912; Aug. 14.

Kavanagh, Frank W., B. B. Farrington, and J. O. Clayton, Berkeley, assignors, by mesne assignments, to California Research Corporation, San Francisco, Calif. Compounded hydrocarbon oil. 2,390,943; Dec. 11.

Kavanagh, Robert G., assignor to La France Industries, Frankford, Philadelphia, Pa. Producing double faced pile fabrics and loom used in the production thereof. 2,391,835; Dec. 25.

Kaveler, Herman H., Bartlesville, Okla., and R. G. Plety, Yonkers, N. Y., assignors to Phillips Petroleum Company. Electrical circuit. 2,369,238; Feb. 13.

Kaveny, John G., Little Falls, assignor to H. & G. Roos Tool and Mfg. Co., Montclair, N. J. Lapping machines. 2,372,088; Mar. 20.

Kavle-Head Corporation, The: *See*—
Kavle, Oscar C., assignor.

Kavle, Oscar C., Syracuse, assignor to The Kavle-Head Corporation, Ithaca, N. Y. Gear lapping machine. 2,377,241; May 29.

Kavle, Oscar C., Syracuse, assignor to The Kavle-Head Corporation, Ithaca, N. Y. Automatic work feeding attachment for drill presses. 2,380,314; July 10.

Kawneer Company, The: *See*—
Hodson, Milo G., assignor.

Kay, Eric, Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Tetraalkylthiuram monosulphide preparation. 2,383,318; Aug. 21.

Kay, Ignatius, assignor to The Wellman Smith Owen Engineering Corporation Limited, London, England. Level luffing jib crane. 2,386,475; Oct. 9.

Kay, James A., assignor to Rose Brothers Limited, Gainsborough, England. Mechanism for feeding articles to machines. 2,369,575; Feb. 13.

Kay, Julian H.: *See*—
Shoenberg, Milton H., assignor.

Kay, Riley A.: *See*—
Drobish, A. F., and Kay.

Kaye, Earl C., Evanston, Ill. Dispenser. 2,370,796; Mar. 6.

Kaye, Hubert E., East Syracuse, assignor to Rollway Bearing Co., Inc., Syracuse, N. Y. Thrust bearing. 2,374,820; May 1.

Kayfetz, Harry, Newark, N. J. Thread-cutting apparatus. 2,389,857; Nov. 27.

Kayler, Frank H.: *See*—
Kinne, E. P., and Kayler.
Kinne, E. P., and Kayler, assignors.

Kazanjian, Souren R., New York, N. Y. Lamp shade retainer. 2,391,711; Dec. 25.

Keahey, Frank S., assignor to Kirsch Company, Sturgis, Mich. Rod coupling. 2,384,095; Sept. 4.

Keahey, Frank S., assignor to Kirsch Company, Sturgis, Mich. Curtain or drape fixture. 2,386,691; Oct. 9.

Kealoha, Ylan K., New York, N. Y. Musical instrument. 2,368,842; Feb. 6.

Kean, Clare H., Houston, Tex., assignor to Standard Oil Development Company. Transmitting information. 2,372,582; Mar. 27.

Kearby, Kenneth K.: *See*—
Fulton, S. C., and Kearby.

Kearby, Kenneth K., Elizabeth, N. J., assignor to Standard Oil Development Company. Catalytic dehydrogenation of hydrocarbons. 2,370,797; Mar. 6.

Kearby, Kenneth K., Elizabeth, N. J., assignor to Standard Oil Development Company. Catalytic dehydrogenation of hydrocarbons. 2,370,798; Mar. 6.

Kearby, Kenneth K., Elizabeth, N. J., assignor, by mesne assignments, to Jasco, Incorporated. Catalytic dehydrogenation. 2,377,083; May 29.

Kearby, Kenneth K., Elizabeth, N. J., assignor, by mesne assignments, to Jasco, Incorporated. Chemical process. 2,384,311; Sept. 4.

Kearney, Cresson H., U. S. Army, Fort Clayton, C. Z. Mud shoe. 2,367,219; Jan. 16.

Kearney, Daniel P., Birmingham, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Automatic control for internal-combustion engines. 2,387,911; Oct. 30.

Kearney, James R., Corporation: *See*—
Fox, Charles A., assignor.

Kearney, Justin M., Cambridge, Mass. Ice pack. 2,378,087; June 12.

Kearney, Kenneth O., St. Louis, Mo., assignor to Penn Electric Switch Co., Goshen, Ind. Differential widening means for control structures. 2,389,436; Nov. 20.

Kearney & Trecker Corporation: *See*—
Armitage, Joseph B., assignor.
Armitage, J. B., and Barker, assignors.
Armitage, J. B., Barker, Riedel, and Boehmer, assignors.
Armitage, J. B., and Eserkaln, assignors.
Johnson, Wallace J. S., assignor.

Kearns, Bernard A.: *See*—
Decker, J., and Kearns.
Kearny, Creson H., U. S. Army, Fort Clayton, C. Z. Hammock. 2,375,792; May 15.
Keasbey & Mattison Company: *See*—
Hutchcroft, Clyde R., assignor.
Keating, Thomas J.: *See*—
Lum, J. C., and Keating.
Kebrich, Leonard M., Brooklyn, assignor to National Lead Company, New York, N. Y. Producing chromates. 2,382,157; Aug. 14.
Kebrich, Leonard M., Brooklyn, assignor to National Lead Company, New York, N. Y. Lead salicylate compositions and preparing same. 2,391,166; Dec. 18.
Keck, Walter E., Hancock, Mich., assignor to Sherwood Refining Company, Inc., Englewood, N. J. Flotation of ores. 2,373,688; Apr. 17.
Kecskeméti, Ladislaus, assignor, by mesne assignments, to M. H. Avram, New York, N. Y. Speed indicating apparatus. 2,371,626.
Keczell, Géza M.: *See*—
Runcie, W. O., and Keczell.
Keebler, Paul T.: *See*—
Baker, V. H., and Keebler.
Keefer, Walter L., assignor to Pangborn Corporation, Hagerstown, Md. Abrading apparatus. 2,368,664; Feb. 6.
Keefer, Walter L., assignor to Pangborn Corporation, Hagerstown, Md. Blast gun. 2,369,576; Feb. 13.
Keefer, Walter L., assignor to Pangborn Corporation, Hagerstown, Md. Hydraulic sand feeder. 2,372,957; Apr. 3.
Keelavite Company Limited, The: *See*—
Levetus, F. B., and Wilson, assignors.
Keeler Brass Company: *See*—
Jakeway, Gerald V., assignor.
Keeler, Nelson H., Southbridge, and H. J. Eskelson, Charlton, assignors, by mesne assignments, to American Optical Company, Southbridge, Mass. Protection garment. 2,389,152; Nov. 20.
Keeleric, George F., Westboro, Mass. Abrasive article. 2,367,286; Jan. 16.
Keeleric, George F., Westboro, Mass. Making abrasive articles. 2,368,473; Jan. 30.
Keeleric, George F., Washington, D. C. Abrasive article. 2,370,970; Mar. 6.
Keeling, Herbert, and F. Mummert, assignors to The Carlton Machine Tool Company, Cincinnati, Ohio. Automatic tapping attachment. 2,375,662; May 8.
Keeling, Jack R., Jr., College Station, Tex. Electrical instrument. 2,371,395; Mar. 13.
Keema, Alexander W.: *See*—
Stevenson, R., and Keema.
Keen, Harold H., Letchworth, England, assignor to International Business Machines Corporation, New York, N. Y. Actuator for accumulating mechanisms. 2,372,990; Apr. 3.
Keen, Harold H., and T. O. Wright, Letchworth, England, assignors to International Business Machines Corporation, New York, N. Y. Adding and subtracting mechanism. 2,390,441; Dec. 4.
Keen, Thomas A., San Mateo, and J. Kilburg, Redwood City, Calif., assignors of one-half to H. M. Smith, Chicago, Ill., and one-half to said T. A. Keen. Registering mechanism. 2,378,708; June 19.
Keen, Thomas A., San Mateo, and J. Kilburg, Redwood City, Calif., assignors of one-half to said Keen and one-half to H. M. Smith, Chicago, Ill. Motor drive for printing and issuing machines. 2,378,709; June 19.
Keenan, Walter F., Jr., Pelham Manor, and N. C. Artsay, Valhalla, assignors to Foster Wheeler Corporation, New York, N. Y. Heat exchange device. 2,372,675; Apr. 3.
Keene, Kenneth L., and E. G. Bargmeyer, Mishawaka, Ind., assignors to Mishawaka Rubber and Woolen Manufacturing Company. Rubber adhesive. 2,370,044; Feb. 20.
Keene, Walter L., Dormont, and W. A. Carlson, assignors to Superior Steel Corporation, Pittsburgh, Pa. Making substantially nonscalloping bimetallic sheet metal. 2,388,694; Nov. 13.
Keeney, Fred, Portsmouth, Va. Percentage feeder. 2,384,176; Sept. 4.
Keep, Otto A., Harborcreek, Pa., assignor to General Electric Company. Control system. 2,372,498; Mar. 27.
Kees, Marshall C., assignor of one-half to T. E. Jackson, Detroit, Mich. Clamp. 2,368,843; Feb. 6.
Keese, Beverly W.: *See*—
Buckendale, L. R., Brownyer, and Keese.
Rockwell, W. F., and Keese.
Keese, Beverly W., and A. J. Hazen, Oshkosh, Wis., assignors to The Timken-Detroit Axle Company, Detroit, Mich. Dual engine vehicle. 2,384,470; Sept. 11.
Keese, Beverly W., and C. A. Blair, Oshkosh, Wis., assignors to The Timken-Detroit Axle Company, Detroit, Mich. Vehicle. 2,384,471; Sept. 11.
Keeshan, Alvin W.: *See*—
Honegger, J. A., and Keeshan.
Keesling, Thomas B.: *See*—
Gurries, Albert G., and Keesling.
Kefover, Albert L.: *See*—
Black, L. F., and Kefover.
Kégresse, Adolphe, Paris, France; vested in the Alien Property Custodian. Automatic variable speed transmission. 2,386,217; Oct. 9.
Kehle, Ottmar A., Can Nuys, Calif., assignor to Adel Precision Products Corp. Landing gear by-pass valve. 2,367,682; Jan. 23.
Kehoe, Joseph J., Newark, N. J. Adjustable magnet. 2,369,300; Feb. 13.
Kehrer, Bertram F., Seattle, Wash. Drift and shoal-water warning device for marine vessels. 2,369,054; Feb. 6.
Keil, Havard L.: *See*—
Roundy, Z. D., and Keil.
Keil, Havard L., Clarendon Hills, assignor to Armour and Company, Chicago, Ill. Preparation of antianemic products. 2,369,465; Feb. 13.
Keim, Gerald I., Newark, assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Treating fats and fatty oils. 2,383,601; Aug. 28.
Keim, Gerald I., Newark, and J. Ross, Ramsey, assignors to Colgate-Palmolive-Peet Company, Jersey City, N. J. Treatment of fatty glycerides. 2,383,602; Aug. 28.
Keim, Melville: *See*—
Andresen, Hilmar A., assignor.
Keinath, George, Larchmont, N. Y. Measuring system. Re. 22,637; Apr. 24.
Keinath, George, Larchmont, N. Y. Multiple recorder. 2,387,760; Oct. 30.
Keiser, Bernhard: *See*—
De Groote, M., and Keiser.
De Groote, M., Keiser, and Blair.
De Groote, M., Keiser, and Wirtel.
Keiser, Russell W., assignor to Boucher and Keiser Company, Atlanta, Ga. Fluorescent lamp circuits. 2,382,012; Aug. 14.
Keiser, Russell W., assignor to Boucher and Keiser Company, Atlanta, Ga. Reactance. 2,387,797; Oct. 30.
Keiser, Russell W., and C. P. Boucher, assignors to Boucher and Keiser Company, Atlanta, Ga. Fluorescent lighting. 2,382,638; Aug. 14.
Keister, James E., Scotia, N. Y., assignor to General Electric Company. Decoupling unit. 2,368,474; Jan. 30.
Keitel, Christian W., East Orange, assignor to Baker & Company, Inc., Newark, N. J. Electrical contact element. 2,379,641; July 3.
Keith, Glenn, East Detroit, Mich. Bowling ball. 2,372,958; Apr. 3.
Keith, Glenn, East Detroit, Mich. Bowling ball. 2,372,959; Apr. 3.
Keith, Glenn, East Detroit, Mich. Brake system for connected vehicles. 2,380,765; July 31.
Keith, Kenneth M.: *See*—
Ronning, M., and Keith.
Keith, Percival C.: *See*—
Degnen, W. J., Nelly, and Keith.
Keith, Percival C., Peapack, N. J., and M. M. Perkins, Brooklyn, N. Y., assignors to The M. W. Kellogg Company, Jersey City, N. J. Apparatus for effecting catalytic reactions. 2,380,245; July 10.
Keith, Percival C., Jr.: *See*—
Degnen, W. J., Nelly, and Keith.
Keizer, Eugene O., Princeton, N. J., assignor to Radio Corporation of America. Voltage regulator. 2,372,432; Mar. 27.
Kelbel, Donald W.: *See*—
Carnagua, H. E., and Kelbel.
Kelchner, Harley B.: *See*—
Fine, L., and Kelchner.
Kelco Company: *See*—
Cate, Paul H., assignor.
Kelecius, Anthony S., Oaklawn, Ill. Gas powered model airplane control line apparatus. 2,390,307; Dec. 4.
Kellite Products, Inc.: *See*—
Hart, Joseph F., assignor.
Keller, Arthur H.: *See*—
Hitchcock, R. B., and Keller.
Keller, August, Dearborn, assignor to Motor State Products Company, Ypsilanti, Mich. Collapsible top for motor vehicles. 2,372,583; Mar. 27.
Keller, Charles G., Hyde Park, N. Y. Brake adjusting mechanism. 2,377,014; May 29.
Keller, Cornelius H., San Francisco, Calif., assignor to The Dow Chemical Company, Midland, Mich. Recovery of copper from copper-bearing solutions. 2,390,540; Dec. 11.
Keller, Curt, assignor to Escher Wyss Maschinenfabriken Aktiengesellschaft, Zurich, Switzerland. Variable-pitch propeller. 2,391,629; Dec. 25.
Keller, D. R., et al.: *See*—
Minto, Wallace L., assignor.
Keller, Edwin H., Wawa, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Noncorrosive liquids. 2,373,570; Apr. 10.
Keller, Edwin H., Chester Heights, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Inhibition of corrosion. 2,388,155; Oct. 30.
Keller, Ernst, assignor to J. R. Geigy A. G., Basel, Switzerland. Stilbene dyestuffs and their manufacture. 2,385,862; Oct. 2.
Keller, Ernst, assignor to J. R. Geigy A. G., Basel, Switzerland. Substantive azo dyestuffs. 2,390,152; Dec. 4.

Keller, Ernst, and R. Zweidler, assignors to the firm J. R. Geigy A. G., Basel, Switzerland. Dyestuffs of the stilbene series and making same. 2,368,844; Feb. 6.
Keller, Frank E., Wichita, Kans. Rivet set forming tool. 2,389,197; Nov. 20.
Keller, Harry, assignor to Monsanto Chemical Company, St. Louis, Mo. Manufacturing solid products. 2,388,613; Nov. 6.
Keller, Jay H., Sebring, Ohio. Stamp decorating of articles of manufacture. 2,383,665; Aug. 28.
Keller, Jay H., and C. E. Fahnert, Sebring, Ohio. Decorating machine. 2,372,089; Mar. 20.
Keller, John D., Pittsburgh, Pa., assignor to The Taylor-Winfield Corporation, Warren, Ohio. Driving means for roller electrodes and the like. 2,373,314; Apr. 10.
Keller, John D., Pittsburgh, Pa., assignor to The Wean Engineering Company, Inc., Warren, Ohio. Method and apparatus for coating strip. 2,377,632; June 5.
Keller, Rex E., Beverly Hills, Calif. Multiple stage fluid drive transmission. 2,386,062; Oct. 30.
Keller, Robert D., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Ophthalmic instrument. 2,381,126; Aug. 7.
Keller, Theodore W., Council Bluffs, Iowa. Moistureproof base. 2,390,308; Dec. 4.
Keller, Wade T.: *See*—
Farrington, T. B. and R. K., and Keller.
Keller, William J.: *See*—
Jarvis, A. E., and Keller.
Keller, William M., Merion, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Diaphragm vestibule structure for railway cars. 2,385,138; Sept. 18.
Kelley, Alphonsus G. I. M., Horsham, Victoria, Australia. Passenger propelled wheel chair. 2,368,142; Jan. 30.
Kelley, Carl S., Kansas City, Kans., assignor to Phillips Petroleum Company. Segregation of anhydrous acid. 2,388,156; Oct. 30.
Kelley, Cecil S.: *See*—
Larson, A. G., and Kelley.
Kelley, Cecil S., Forest Hills, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Variable load brake. 2,367,586; Jan. 16.
Kelley, Cecil S., Forest Hills, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Slack adjuster. 2,376,489; May 22.
Kelley, Cecil S., Forest Hills, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Control valve device. 2,376,490; May 22.
Kelley, Cecil S., Forest Hills, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Variable load brake. 2,385,139; Sept. 18.
Kelley, Cecil S., Forest Hills, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Control valve device. 2,389,058; Nov. 13.
Kelley, Charles W., Duck Hill, Miss. Producing a floating soap. 2,371,175; Mar. 13.
Kelley, Francis G., assignor to Peerless Handcuff Company, Springfield, Mass. Handcuff. 2,390,885; Dec. 11.
Kelley, Frank R.: *See*—
Guthrie, James M., assignor.
Kelley, Frank R., Pittsburgh, Pa. Ventilator. 2,368,143; Jan. 30.
Kelley, Herbert D., Akron, Ohio. Tank construction. 2,370,799; Mar. 6.
Kelley Island Lime and Transport Company, The: *See*—
Beatty, Henry M., assignor.
Kelley, Lawrence E., assignor of one-half to W. H. Long, Howe, Tex. Trailer coupling pin. 2,367,874; Jan. 23.
Kelley, Maurice J., Philadelphia, Pa., and W. L. Abramowitz, Lakewood, assignors to National Oil Products Company, Harrison, N. J. High SO_3 amide products. 2,372,786; Apr. 3.
Kelley, Oliver K., Birmingham, assignor to General Motors Corporation, Detroit, Mich. Transmission drive. 2,377,696; June 5.
Kelley, Walter T., Paducah, Ky. Honey extractor. 2,389,669; Nov. 27.
Kelliher, Charles, assignor of forty per cent to E. R. Horten, New York, N. Y. Reversible sash window. 2,379,528; July 3.
Kellman, Bernard, Chicago, Ill. Heel. 2,387,029; Oct. 16.
Kellog, Henry B., Union City, and P. K. Frolich, Westfield, N. J., assignors to Standard Oil Development Company. Vulcanized high-pressure polymers. 2,391,095; Dec. 18.
Kellogg Company: *See*—
Lindow, C. W., and Thompson, assignors.
Kellogg, Edward W., Indianapolis, Ind., assignor to Radio Corporation of America. Film drum drive for photophonographic apparatus. 2,385,863; Oct. 2.
Kellogg, John L., assignor, by mesne assignments, to John L. Kellogg & Co., Chicago, Ill. Treatment of organic liquids. 2,389,732; Nov. 27.
Kellogg, John L., & Co.: *See*—
Kellogg, John L., assignor.
Kellogg, M. W., Company, et al.: *See*—
Hopkins, Robert K., assignor.
Layng, E. T., and Payne, assignors.
Ruthruff, Robert F., assignor.
Kellogg, M. W., Company, The: *See*—
Baker, Albert L., assignor.
Belchetz, Arnold, assignor.
Belchets, A., and Nelly, assignors.
Belchets, A., and Perkins, assignors.
Degnen, W. J., Nelly, and Keith.
Degnen, W. J., Nelly, and Keith, assignors.
Finlayson, Duncan K., assignor.
Hopkins, Robert K., assignor.
Jenny, Frank J., assignor.
Jewell, J. W., Creelman, and Borcherding, assignors.
Keith, P. C., and Perkins, assignors.
Ruthruff, Robert F., assignor.
Solomon, E., Passino, and Rubin, assignors.
Kellogg, Rolland F., Sr.: *See*—
Thorsten, T., Geue, and Kellogg.
Kellogg, Spencer, 2d, Glen Head, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Gyro instrument. 2,384,838; Sept. 18.
Kellogg Switchboard and Supply Company: *See*—
Bakker, Pier, assignor.
Barta, Frank A., assignor.
Kiner, Glenn, assignor.
Wallace, Bert A., assignor.
Kellogg, William D. and J. Fradenburgh, Amsterdam, N. Y., assignors to Aveco, Incorporated. Knitting machine. 2,389,154; Nov. 20.
Kells, Gordon, Auckland, New Zealand. Breaker arm jig. 2,374,601; Apr. 24.
Kelly, Daniel A., assignor to Prime Manufacturing Company, Milwaukee, Wis. Blowoff cock. 2,387,912; Oct. 30.
Kelly, Dwight N., assignor to A. Brandwein & Company, Chicago, Ill. Mattress border stitching machine. 2,382,486; Aug. 14.
Kelly, Earl M., and A. M. Kivari, Los Angeles, Calif., R. P. Kite, Larchmont, N. Y., E. J. Roberts, Westport, Conn., and D. B. Sutherland, Montclair, N. J., assignors to The Dow Company. Liquid clarification. Re. 22,701; Dec. 4.
Kelly, Edward A., Indianapolis, Ind. Multiple payment coupon book. 2,391,054; Dec. 18.
Kelly, Frank E., Chicago, Ill. Fishing tackle. 2,391,167; Dec. 18.
Kelly, Frederick G., assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Telemetering system. 2,372,002; Mar. 20.
Kelly, John, et al.: *See*—
Dowling, Dudley R., assignor.
Kelly, John F., Cleveland, Ohio. Valve cutoff. 2,367,402; Jan. 16.
Kelly, John W., La Canada, Calif, assignor to Adel Precision Products Corp. Power pump operated single line hydraulic system. 2,390,716; Dec. 11.
Kelly, William D.: *See*—
Giles, Eugene M., assignor.
Kelly, William J., West Springfield, Mass. Toy submachine gun. 2,376,921; May 29.
Kelly, William M., Westfield, N. J. Chain bed motion for printing presses. 2,371,693; Mar. 20.
Kelsall, George A.: *See*—
Dunlap, K. S., Kelsall, Lovell, and Mallina.
Kelsey, Cadwallader W., assignor to Rototiller, Inc., Troy, N. Y. Tine assembly. 2,366,624; Jan. 2.
Kelsey, Cadwallader W., assignor to Rototiller, Inc., Troy, N. Y. Tine. 2,366,625; Jan. 2.
Kelsey, Cadwallader W., assignor to Rototiller, Inc., Troy, N. Y. Material-working apparatus. 2,366,626; Jan. 2.
Kelsey-Hayes Wheel Company: *See*—
Ellis, Emmett S., assignor.
Forbes, Joseph A., assignor.
Sinclair, Charles W., assignor.
Kelsey, Stillman P., Washington, D. C. Index directory. 2,375,228; May 8.
Kelso, Ambia W., executrix: *See*—
Fuller, Albert D.
Kelton, Stanton C., Jr.: *See*—
Neher, H. T., and Kelton.
Kemerer, Don C., Long Beach, Calif. Forming method. 2,385,083; Sept. 18.
Kemmer, Paul H., Fairfield, and E. R. Weaver, Dayton, Ohio. Method and apparatus for testing aircraft structures. 2,383,491; Aug. 28.
Kemmler, James W., Yardley, Pa., assignor to Sloane-Blabon, Trenton, N. J. Manufacture of linoleum products. 2,368,475; Jan. 30.
Kemmler, James W., Elkins Park, and E. R. Erb, Jr., Morrisville, Pa., assignors to Sloane-Blabon, Trenton, N. J. Decorative product and prducing the same. 2,374,940; May 1.
Kemp, Lebbeus C., Scarsdale, assignor, by mesne assignments, to The Texas Company, New York, N. Y. Manufacture of antiknock hydrocarbons. 2,366,627; Jan. 2.
Kemp, Lebbeus C., Jr., Scarsdale, assignor to The Texas Company, New York, N. Y. Lubricating composition. 2,389,513; Nov. 20.
Kemp, Lebbeus C., Jr., Scarsdale, assignor to The Texas Company, New York, N. Y. Lubricating composition. 2,381,127; Aug. 7.
Kemper, Harry C.: *See*—
Le Blond, R. K., and Kemper.
Kemper-Thomas Company, The: *See*—
Belden, Charles W., assignor.

Kearns, Bernard A.: *See*—
Decker, J., and Kearns.
Kearny, Cresson H., U. S. Army, Fort Clayton, C. Z. Hammock. 2,375,792; May 15.
Keasbey & Mattison Company: *See*—
Hutchcroft, Clyde B., assignor.
Keating, Thomas J.: *See*—
Lum, J. C., and Keating.
Kebrich, Leonard M., Brooklyn, assignor to National Lead Company, New York, N. Y. Producing chromates. 2,382,157; Aug. 14.
Kebrich, Leonard M., Brooklyn, assignor to National Lead Company, New York, N. Y. Lead salicylate compositions and preparing same. 2,391,166; Dec. 18.
Keck, Walter E., Hancock, Mich., assignor to Sherwood Refining Company, Inc., Englewood, N. J. Flotation of ores. 2,373,688; Apr. 17.
Kecskeméti, Ladislaus, assignor, by mesne assignments, to M. H. Avram, New York, N. Y. Speed indicating apparatus. 2,371,626.
Keczeli, Géza M.: *See*—
Runcie, W. O., and Keczeli.
Keebler, Paul T.: *See*—
Baker, V. H., and Keebler.
Keefer, Walter L., assignor to Pangborn Corporation, Hagerstown, Md. Abrading apparatus. 2,368,664; Feb. 6.
Keefer, Walter L., assignor to Pangborn Corporation, Hagerstown, Md. Blast gun. 2,369,576; Feb. 13.
Keefer, Walter L., assignor to Pangborn Corporation, Hagerstown, Md. Hydraulic sand feeder. 2,372,957; Apr. 3.
Keelavite Company Limited, The: *See*—
Levetus, F. B., and Wilson, assignors.
Keeler Brass Company: *See*—
Jakeway, Gerald V., assignor.
Keeler, Nelson H., Southbridge, and H. J. Eskelson, Charlton, assignors, by mesne assignments, to American Optical Company, Southbridge, Mass. Protection garment. 2,389,152; Nov. 20.
Keeleric, George F., Westboro, Mass. Abrasive article. 2,367,286; Jan. 16.
Keeleric, George F., Westboro, Mass. Making abrasive articles. 2,368,473; Jan. 30.
Keeleric, George F., Washington, D. C. Abrasive article. 2,370,970; Mar. 6.
Keeling, Herbert, and F. Mummert, assignors to The Carlton Machine Tool Company, Cincinnati, Ohio. Automatic tapping attachment. 2,375,662; May 8.
Keeling, Jack R., Jr., College Station, Tex. Electrical instrument. 2,371,395; Mar. 13.
Keema, Alexander W.: *See*—
Stevenson, R., and Keema.
Keen, Harold H., Letchworth, England, assignor to International Business Machines Corporation, New York, N. Y. Actuator for accumulating mechanisms. 2,372,990; Apr. 3.
Keen, Harold H., and T. O. Wright, Letchworth, England, assignors to International Business Machines Corporation, New York, N. Y. Adding and subtracting mechanism. 2,390,441; Dec. 4.
Keen, Thomas A., San Mateo, and J. Kilburg, Redwood City, Calif., assignors of one-half to H. M. Smith, Chicago, Ill., and one-half to said T. A. Keen. Registering mechanism. 2,378,708; June 19.
Keen, Thomas A., San Mateo, and J. Kilburg, Redwood City, Calif., assignors of one-half to said Keen and one-half to H. M. Smith, Chicago, Ill. Motor drive for printing and issuing machines. 2,378,709; June 19.
Keenan, Walter F., Jr., Pelham Manor, and N. C. Artsay, Valhalla, assignors to Foster Wheeler Corporation, New York, N. Y. Heat exchange device. 2,372,675; Apr. 3.
Keene, Kenneth L., and E. G. Bargmeyer, Mishawaka, Ind., assignors to Mishawaka Rubber and Woolen Manufacturing Company. Rubber adhesive. 2,370,044; Feb. 20.
Keene, Walter L., Dormont, and W. A. Carlson, assignors to Superior Steel Corporation, Pittsburgh, Pa. Making substantially nonscalloping bimetallic sheet metal. 2,388,694; Nov. 13.
Keeney, Fred, Portsmouth, Va. Percentage feeder. 2,384,176; Sept. 4.
Keep, Otto A., Harborcreek, Pa., assignor to General Electric Company. Control system. 2,372,498; Mar. 27.
Kees, Marshall C., assignor of one-half to T. E. Jackson, Detroit, Mich. Clamp. 2,368,843; Feb. 6.
Keese, Beverly W.: *See*—
Buckendale, L. R., Brownyer, and Keese.
Rockwell, W. F., and Keese.
Keese, Beverly W., and A. J. Hazen, Oshkosh, Wis., assignors to The Timken-Detroit Axle Company, Detroit, Mich. Dual engine vehicle. 2,384,470; Sept. 11.
Keese, Beverly W., and C. A. Blair, Oshkosh, Wis., assignors to The Timken-Detroit Axle Company, Detroit, Mich. Vehicle. 2,384,471; Sept. 11.
Keeshan, Alvin W.: *See*—
Honegger, J. A., and Keeshan.
Keesling, Thomas B.: *See*—
Gurries, Albert G., and Keesling.
Kefover, Albert L.: *See*—
Black, L. F., and Kefover.
Kégresse, Adolphe, Paris, France; vested in the Alien Property Custodian. Automatic variable speed transmission. 2,386,217; Oct. 9.
Kehle, Ottmar A., Can Nuys, Calif., assignor to Adel Precision Products Corp. Landing gear by-pass valve. 2,367,682; Jan. 23.
Kehoe, Joseph J., Newark, N. J. Adjustable magnet. 2,369,300; Feb. 13.
Kehrer, Bertram F., Seattle, Wash. Drift and shoal-water warning device for marine vessels. 2,369,054; Feb. 6.
Keil, Havard L.: *See*—
Roundy, Z. D., and Keil.
Keil, Havard L., Clarendon Hills, assignor to Armour and Company, Chicago, Ill. Preparation of antianemic products. 2,369,465; Feb. 13.
Kelm, Gerald I., Newark, assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Treating fats and fatty oils. 2,383,601; Aug. 28.
Kelm, Gerald I., Newark, and J. Ross, Ramsey, assignors to Colgate-Palmolive-Peet Company, Jersey City, N. J. Treatment of fatty glycerides. 2,383,602; Aug. 28.
Kelm, Melville: *See*—
Andresen, Hilmar A., assignor.
Kelnath, George, Larchmont, N. Y. Measuring system. Re. 22,637; Apr. 24.
Kelnath, George, Larchmont, N. Y. Multiple recorder. 2,387,760; Oct. 30.
Kelser, Bernhard: *See*—
De Groote, M., and Kelser.
De Groote, M., Kelser, and Blair.
De Groote, M., Kelser, and Wirtel.
Kelser, Russell W., assignor to Boucher and Kelser Company, Atlanta, Ga. Fluorescent lamp circuits. 2,382,012; Aug. 14.
Kelser, Russell W., assignor to Boucher and Kelser Company, Atlanta, Ga. Reactance. 2,387,797; Oct. 30.
Kelser, Russell W., and C. P. Boucher, assignors to Boucher and Kelser Company, Atlanta, Ga. Fluorescent lighting. 2,382,638; Aug. 14.
Kelster, James E., Scotia, N. Y., assignor to General Electric Company. Decoupling unit. 2,368,474; Jan. 30.
Keltel, Christian W., East Orange, assignor to Baker & Company, Inc., Newark, N. J. Electrical contact element. 2,379,641; July 3.
Keith, Glenn, East Detroit, Mich. Bowling ball. 2,372,958; Apr. 3.
Keith, Glenn, East Detroit, Mich. Bowling ball. 2,372,959; Apr. 3.
Keith, Glenn, East Detroit, Mich. Brake system for connected vehicles. 2,380,765; July 31.
Keith, Kenneth M.: *See*—
Ronning, M., and Keith.
Keith, Percival C.: *See*—
Degnen, W. J., Nelly, and Keith.
Keith, Percival C., Peapack, N. J., and M. M. Perkins, Brooklyn, N. Y., assignors to The M. W. Kellogg Company, Jersey City, N. J. Apparatus for effecting catalytic reactions. 2,380,245; July 10.
Keith, Percival C., Jr.: *See*—
Degnen, W. J., Nelly, and Keith.
Kelzer, Eugene O., Princeton, N. J., assignor to Radio Corporation of America. Voltage regulator. 2,372,432; Mar. 27.
Kelbel, Donald W.: *See*—
Carnagua, H. E., and Kelbel.
Kelchner, Harley B.: *See*—
Fine, L., and Kelchner.
Kelco Company: *See*—
Cate, Paul H., assignor.
Kelecitas, Anthony S., Oaklawn, Ill. Gas powered model airplane control line apparatus. 2,390,307; Dec. 4.
Kelite Products, Inc.: *See*—
Hart, Joseph F., assignor.
Keller, Arthur H.: *See*—
Hitchcock, R. B., and Keller.
Keller, August, Dearborn, assignor to Motor State Products Company, Ypsilanti, Mich. Collapsible top for motor vehicles. 2,372,583; Mar. 27.
Keller, Charles G., Hyde Park, N. Y. Brake adjusting mechanism. 2,377,014; May 29.
Keller, Cornelius H., San Francisco, Calif., assignor to The Dow Chemical Company, Midland, Mich. Recovery of copper from copper-bearing solutions. 2,390,540; Dec. 11.
Keller, Curt, assignor to Escher Wyss Maschinenfabriken Aktiengesellschaft, Zurich, Switzerland. Variable-pitch propeller. 2,391,629; Dec. 25.
Keller, D. R., et al.: *See*—
Minto, Wallace L., assignor.
Keller, Edwin H., Wawa, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Noncorrosive liquids. 2,373,570; Apr. 10.
Keller, Edwin H., Chester Heights, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Inhibition of corrosion. 2,388,155; Oct. 30.
Keller, Ernst, assignor to J. R. Geigy A. G., Basel, Switzerland. Stilbene dyestuffs and their manufacture. 2,385,862; Oct. 2.
Keller, Ernst, assignor to J. R. Geigy A. G., Basel, Switzerland. Substantive azo dyestuffs. 2,390,152; Dec. 4.

Keller, Ernst, and R. Zweidler, assignors to the firm J. R. Geigy A. G., Basel, Switzerland. Dyestuffs of the stilbene series and making same. 2,368,844; Feb. 6.
Keller, Frank E., Wichita, Kans. Rivet set forming tool. 2,369,197; Nov. 20.
Keller, Harry, assignor to Monsanto Chemical Company, St. Louis, Mo. Manufacturing solid products. 2,388,613; Nov. 6.
Keller, Jay H., Sebring, Ohio. Stamp decorating of articles of manufacture. 2,383,865; Aug. 28.
Keller, Jay H., and C. E. Fahnert, Sebring, Ohio. Decorating machine. 2,372,089; Mar. 20.
Keller, John D., Pittsburgh, Pa., assignor to The Taylor-Winfield Corporation, Warren, Ohio. Driving means for roller electrodes and the like. 2,373,314; Apr. 10.
Keller, John D., Pittsburgh, Pa., assignor to The Wean Engineering Company, Inc., Warren, Ohio. Method and apparatus for coating strip. 2,377,632; June 5.
Keller, Rex E., Beverly Hills, Calif. Multiple stage fluid drive transmission. 2,388,062; Oct. 30.
Keller, Robert D., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Ophthalmic instrument. 2,381,126; Aug. 7.
Keller, Theodore W., Council Bluffs, Iowa. Moistureproof base. 2,390,308; Dec. 4.
Keller, Wade T.: *See*—
Farrington, T. B. and R. K., and Keller.
Keller, William J.: *See*—
Jarvis, A. E., and Keller.
Keller, William M., Merion, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Diaphragm vestibule structure for railway cars. 2,385,138; Sept. 18.
Kelley, Alphonsus G. I. M., Horsham, Victoria, Australia. Passenger propelled wheel chair. 2,368,142; Jan. 30.
Kelley, Carl S., Kansas City, Kans., assignor to Phillips Petroleum Company. Segregation of anhydrous acid. 2,388,156; Oct. 30.
Kelley, Cecil S.: *See*—
Larson, A. G., and Kelley.
Kelley, Cecil S., Forest Hills, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Variable load brake. 2,367,586; Jan. 16.
Kelley, Cecil S., Forest Hills, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Slack adjuster. 2,376,489; May 22.
Kelley, Cecil S., Forest Hills, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Control valve device. 2,376,490; May 22.
Kelley, Cecil S., Forest Hills, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Variable load brake. 2,385,139; Sept. 18.
Kelley, Cecil S., Forest Hills, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Control valve device. 2,389,058; Nov. 13.
Kelley, Charles W., Duck Hill, Miss. Producing a floating soap. 2,371,175; Mar. 13.
Kelley, Francis G., assignor to Peerless Handcuff Company, Springfield, Mass. Handcuff. 2,390,885; Dec. 11.
Kelley, Frank R.: *See*—
Guthrie, James M., assignor.
Kelley, Frank R., Pittsburgh, Pa. Ventilator. 2,368,143; Jan. 30.
Kelley, Herbert D., Akron, Ohio. Tank construction. 2,370,799; Mar. 6.
Kelley Island Lime and Transport Company, The: *See*—
Beatty, Henry M., assignor.
Kelley, Lawrence E., assignor of one-half to W. H. Long, Howe, Tex. Trailer coupling pin. 2,367,874; Jan. 23.
Kelley, Maurice J., Philadelphia, Pa., and W. L. Abramowitz, Lakewood, assignors to National Oil Products Company, Harrison, N. J. High SO_3 amide products. 2,372,786; Apr. 3.
Kelley, Oliver K., Birmingham, assignor to General Motors Corporation, Detroit, Mich. Transmission drive. 2,377,696; June 5.
Kelley, Walter T., Paducah, Ky. Honey extractor. 2,389,669; Nov. 27.
Kelliher, Charles, assignor of forty per cent to E. R. Hosten, New York, N. Y. Reversible sash window. 2,379,528; July 3.
Kellman, Bernard, Chicago, Ill. Heel. 2,387,029; Oct. 16.
Kellog, Henry B., Union City, and P. K. Frolich, Westfield, N. J., assignors to Standard Oil Development Company. Vulcanized high-pressure polymers. 2,391,095; Dec. 18.
Kellogg Company: *See*—
Lindow, C. W., and Thompson, assignors.
Kellogg, Edward W., Indianapolis, Ind., assignor to Radio Corporation of America. Film drum drive for photophonographic apparatus. 2,385,863; Oct. 2.
Kellogg, John L., assignor, by mesne assignments, to John L. Kellogg & Co., Chicago, Ill. Treatment of organic liquids. 2,389,732; Nov. 27.
Kellogg, John L., & Co.: *See*—
Kellogg, John L., assignor.
Kellogg, M. W., Company, et al.: *See*—
Hopkins, Robert K., assignor.
Layng, E. T., and Payne, assignors.
Ruthruff, Robert F., assignor.
Kellogg, M. W., Company, The: *See*—
Baker, Albert L., assignor.
Belchetz, Arnold, assignor.
Belchetz, A., and Nelly, assignors.
Belchetz, A., and Perkins, assignors.
Degnen, W. J., Nelly, and Keith.
Degnen, W. J., Nelly, and Keith, assignors.
Finlayson, Duncan K., assignor.
Hopkins, Robert K., assignor.
Jenny, Frank J., assignor.
Jewell, J. W., Creelman, and Borcherding, assignors.
Keith, P. C., and Perkins, assignors.
Ruthruff, Robert F., assignor.
Solomon, E., Passino, and Rubin, assignors.
Kellogg, Rolland F., Sr.: *See*—
Thorsten, T., Geue, and Kellogg.
Kellogg, Spencer, 2d, Glen Head, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Gyro instrument. 2,384,838; Sept. 18.
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Barta, Frank A., assignor.
Kiner, Glenn, assignor.
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Kelsey, Cadwallader W., assignor to Rototiller, Inc., Troy, N. Y. Tine. 2,366,625; Jan. 2.
Kelsey, Cadwallader W., assignor to Rototiller, Inc., Troy, N. Y. Material-working apparatus. 2,366,626; Jan. 2.
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Ellis, Emmett S., assignor.
Forbes, Joseph A., assignor.
Sinclair, Charles W., assignor.
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Kelso, Ambia W., executrix: *See*—
Fuller, Albert D.
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Neher, H. T., and Kelton.
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Kemmler, James W., Elkins Park, and E. R. Erb, Jr., Morrisville, Pa., assignors to Sloane-Blabon, Trenton, N. J. Decorative product and prducing the same. 2,374,940; May 1.
Kemp, Lebbeus C., Scarsdale, assignor, by mesne assignments, to The Texas Company, New York, N. Y. Manufacture of antiknock hydrocarbons. 2,366,627; Jan. 2.
Kemp, Lebbeus C., Jr., Scarsdale, assignor to The Texas Company, New York, N. Y. Lubricating composition. 2,389,513; Nov. 20.
Kemp, Lebbeus C., Jr., Scarsdale, assignor to The Texas Company, New York, N. Y. Lubricating composition. 2,381,127; Aug. 7.
Kemper, Harry C.: *See*—
Le Blond, R. K., and Kemper.
Kemper-Thomas Company, The: *See*—
Belden, Charles W., assignor.

Kempf, Louis W., and W. A. Dean, Lakewood, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Aluminum base alloy. 2,369,354; Feb. 13.

Kempton, Leslie A., assignor to Edison General Electric Appliance Co., Inc., Chicago, Ill. Volume control device. 2,386,051; Oct. 2.

Kenda, Paul, San Antonio, Tex. Producing and utilizing gusyule rubber. 2,373,689; Apr. 17.

Kenda, Paul, San Antonio, Tex. Producing artificial lumber. 2,373,690; Apr. 17.

Kendal, Edward: *See*—
Pape, August H., assignor.

Kendall, Clarence W., and W. R. Fischer, Dayton, Ohio. Checking camera focus. 2,378,930; June 26.

Kendall Company, The: *See*—
Eustis, W., and Orrill, assignors.
Morrison, D. E., and Ziegler, assignors.
Reed, Raymond E., assignor.

Kendall, Edgar H.: *See*—
Hopkins, J. H., and Kendall.

Kendall, George H.: *See*—
Baker, R. E., and Kendall.

Kendall, George H., Noroton Heights, assignor of one-eighteenth to E. B. Dickson, one-eighteenth to T. C. Dickson, Jr., two-eighteenths to E. W. Bassick, Jr., one-eighteenth to C. N. Bassick, one-eighteenth to M. M. Bassick, one-eighteenth to P. M. Bassick, one-eighteenth to G. M. Bassick, and one-eighteenth to E. W. Bassick, Bridgeport, Conn. Flanged bearing. 2,368,549; Jan. 30.

Kendall, George H., Noroton Heights, Conn., assignor of one-eighteenth to E. B. Dickson, one-eighteenth to T. C. Dickson, Jr., two-eighteenth to E. W. Bassick, Jr., one-eighteenth to C. N. Bassick, one-eighteenth to M. M. Bassick, one-eighteenth to P. M. Bassick, one-eighteenth to G. M. Bassick, and one-eighteenth to E. W. Bassick, Bridgeport, Conn. Antifriction bearing. 2,370,173; Feb. 27.

Kendall, George H., Noroton Heights, assignor of one-eighteenth to E. B. Dickson, one-eighteenth to T. C. Dickson, Jr., two-eighteenths to E. W. Bassick, Jr., one-eighteenth to C. N. Bassick, one-eighteenth to M. M. Bassick, one-eighteenth to P. M. Bassick, one-eighteenth to G. M. Bassick, and one-eighteenth to E. W. Bassick, Bridgeport, Conn. Making antifriction bearings. 2,376,779; May 22.

Kendall, James B.: *See*—
Gail, C. P., and Kendall.

Kendall, John D.: *See*—
Fry, D. J., and Kendall.

Kendall, John D., assignor to Ilford Limited, Ilford, England. Dyestuffs. 2,368,305; Jan. 30.

Kendall, John D., assignor to Ilford Limited, Ilford, England. Dyestuff intermediates. 2,383,255; Aug. 21.

Kendall, John D., assignor to Ilford Limited, Ilford, England. Manufacture of 1.2.3.4-tetrazole compounds. 2,386,869; Oct. 16.

Kendall, John D., assignor to Ilford Limited, Ilford, England. Manufacture of trithio ortho esters of carboxylic acids. 2,389,153; Nov. 20.

Kendall, John D., H. G. Suggate, and H. W. Wood, assignors to Ilford Limited, Ilford, England. Cyanine dyestuff intermediates. 2,368,222; Jan. 30.

Kendall, John D., and J. R. Majer, Ilford, assignors to Ilford Limited, Ilford, Essex, England. Dyestuffs. 2,369,355; Feb. 13.

Kendall, John D., H. W. Wood, and J. R. Majer, assignors to Ilford Limited, Ilford, Essex, England. Cyanine dyestuff intermediates. 2,372,960; Apr. 3.

Kendall, John D., and D. J. Fry, assignors to Ilford Limited, Ilford, England. Dyestuffs. 2,385,815; Oct. 2.

Kendall, Marcus T.: *See*—
Ryan, W. J., and Kendall, assignors.

Kendig, Albert C., Los Angeles, Calif. Alarm system. 2,371,051; Mar. 6.

Kendig, John R., assignor to Gobin Smith, East Orange, N. J. Screen type transfer agent duplicating form. 2,381,170; Aug. 7

Kendig, Mary V., Houston, Tex. Toilet dish. 2,371,448; Mar. 13.

Kendrick, Charles M., New York, N. Y., assignor to Manly Corporation, Washington, D. C. Fluid pressure device. 2,368,223; Jan. 30.

Kendrick, Charles M., New York, N. Y., assignor to Manly Corporation, Washington, D. C. Fluid pressure device. 2,387,761; Oct. 30.

Kendrick, Fayette D., St. Paul, Minn. Insect trap. 2,384,930; Sept. 18.

Kendrick, John F., Columbus, Ohio. Airplane landing gear. 2,372,207; Mar. 27.

Kenefake, Edwin W., Schenectady, N. Y., assignor to General Electric Company. Carrier current system. 2,381,758; Aug. 7.

Kenefake, Edwin W., and F. M. Rives, Schenectady, N. Y., assignors to General Electric Company. Signal transmission system. 2,367,947; Jan. 23.

Kennan, Francis J.: *See*—
Goggin, David E., assignor.

Kennard, Dwight C.: *See*—
Stitz, W. E., and Kennard.

Kennard, Harry M., Santa Barbara, Calif. Drill guide. 2,382,639; Aug. 14.

Kennedy, Donald S.: *See*—
Newman, John E., assignor.

Kennedy, Donald S., Longparish, Andover, England. Nonskid chain. 2,374,355; Apr. 24.

Kennedy, Earl M., Cleveland, Ohio. Cap for grease fittings. 2,379,529; July 3.

Kennedy, Gilbert J., Philadelphia, Pa., assignor to Radio Corporation of America. Cutting and counting machine. 2,389,783; Nov. 27.

Kennedy, Harry E., Berkeley, and M. A. Rotermund, Walnut Creek, Calif., assignors to The Linde Air Products Company. Electric welding. 2,371,894; Mar. 20.

Kennedy, James A., Ann Arbor, Mich. Motor vehicle. 2,373,028; Apr. 3.

Kennedy, John J., New Haven, Conn., assignor to The Safety Car Heating and Lighting Company, Inc. Electrical system. Re. 22,643; May 22.

Kennedy, Joseph E., assignor to Kennedy-Van Saun Mfg. & Eng. Corporation, New York, N. Y. Cooling material. 2,377,943; June 12.

Kennedy, Raymond A., Sioux City, Iowa. Sectional ladder. 2,372,003; Mar. 20.

Kennedy, Raymond A., Sioux City, Iowa. Spring motor driven generator. 2,389,514; Nov. 20.

Kennedy, Robert E., assignor to The Brunswick-Balke-Collender Company, Chicago, Ill. Bowling alley. 2,375,663; May 8.

Kennedy, Rol, Los Angeles, W. H. D. Hough, Glendale, and C. H. Bodner, Los Angeles, Calif., assignors, by mesne assignments, to Lockheed Aircraft Corporation. Punch means. 2,374,436; Apr. 24.

Kennedy T., Edward, et al.: *See*—
Howard, William C., Jr., assignor.

Kennedy-Van Saun Mfg. & Eng. Corporation: *See*—
Kennedy, Joseph E., assignor.

Kennedy, Verne C., Evanston, assignor to Dormeyer Corporation, Chicago, Ill. Food mixer power unit. 2,382,158; Aug. 14.

Kennedy, Walter I., Boston, Mass. Tie-holding attachment. 2,389,784; Nov. 27.

Kennedy, Walter W., assignor to Barber-Colman Company, Rockford, Ill. Method of and apparatus for controlling the distribution of air. 2,368,363; Jan. 30.

Kenney, Clarence E., West Allis, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Turbine nozzle structure. 2,391,786; Dec. 25.

Kenney, Edmund J., Bronxville, N. Y. Vacuum breaker. 2,370,247; Feb. 27.

Kenney, Mahlon W., Oak Park, assignor to J. P. Seeburg Corporation, Chicago, Ill. Automatic phonograph. 2,391,246; Dec. 18.

Kenney, Mahlon W., Oak Park, and H. G. Jensen, assignors to J. P. Seeburg Corporation, Chicago, Ill. Selector for automatic phonographs. 2,382,487; Aug. 14.

Kenney, Mahlon W., Oak Park, and H. G. Jensen, assignors to J. P. Seeburg Corporation, Chicago, Ill. Selector for automatic phonographs. 2,382,488; Aug. 14.

Kenngott, Robert L.: *See*—
Doe, T. B., and Kenngott.

Kennison, Haven, Minneapolis, Minn. Plant root injector. 2,379,160; June 26.

Kent, Earle L., assignor to C. G. Conn, Ltd., Elkhart, Ind. Apparatus for analyzing wave bands. 2,377,242; May 29.

Kent, Floyd A., and C. W. Patrick, Midland, Mich. Crude oil purifiers. 2,378,776; June 19.

Kent, Fred H., Dutton, Ontario, Canada. Manure loader. 2,370,248; Feb. 27.

Kent, Frederick J., Glen Rock, assignor to Sipp-Eastwood Corporation, Paterson, N. J. Lapping. 2,375,003; May 1.

Kent, Frederick J., Glen Rock, assignor to Sipp-Eastwood Corporation, Paterson, N. J. Double twist twister. 2,379,806; July 3.

Kent, Henry, Englewood, N. J. Flint alloy. 2,389,198; Nov. 20.

Kent, Henry J., Toronto, Ontario, Canada. Self-locking screw and nut. 2,384,177; Sept. 4.

Kent, Horace H., Columbus, Ohio. Game racket. 2,369,145; Feb. 13.

Kent, Raymond L.: *See*—
Morris, J. N., and Kent.

Kenworth Motor Truck Corporation: *See*—
Holmstrom, John G., assignor.

Kenworthy, John M., Gainsborough, assignor to E. V. Newey, Castle Donington, and E. M. Blume, London, England. Change speed device. 2,377,697; June 5.

Kenyon Instrument Co., Inc.: *See*—
Newell, Arthur T., assignor.
Raspet, August, assignor.
Waller, Fred, assignor.

Kenyon, Oades J., Santa Barbara, Calif. Tail structure for aircraft. 2,376,780; May 22.

Kenyon, Theodore W., Huntington, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Erection device for gyro verticals. 2,373,120; Apr. 10.

Kenyon, Theodore W., Huntington, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Automatic pilot for aircraft. 2,373,315; Apr. 10.

Kenyon, William O., and T. F. Murray, Jr., assignors to Eastman Kodak Company, Rochester, N. Y. Resinous polymer of methylene dioxolane. 2,382,640; Aug. 14.

Kenyon, William O., and W. F. Fowler, Jr., assignors to Eastman Kodak Company, Rochester, N. Y. Soluble material which becomes insoluble upon separation from solvent. 2,388,851; Nov. 13.

Keown, Walter W., San Leandro, Calif. Garden implement. 2,376,970; May 29.

Kepler, Lawrence A.: *See*—
Walle, N. F., Sr., Maynard, and Kepler.

Keplinger, Robert B., Canton, and C. A. Fry, Minerva, Ohio. Machine for molding tuyères. 2,391,424; Dec. 25.

Kepner, Hugh C., et al., executors: *See*—
Hoof, Addison C.

Kepner, Robert C.: *See*—
Dendler, R. E., and Kepner.

Kerber, Joseph H.: *See*—
Drott, E. A., and Kerber.

Kercher, Roy S.: *See*—
Furnas, W. C., Schumacher, and Kercher.

Keresztesy, John C., Westfield, and J. R. Stevens, Plainfield, assignors to Merck & Co., Inc., Rahway, N. J. Dicarboxylic acid derivatives of lower alkyl ethers of vitamin E, and preparing the same. 2,390,593; Dec. 11.

Kerlow Steel Flooring Company: *See*—
Tarof, Ernest L., assignor.

Kern, Emil, assignor to Acco Products, Inc., Long Island City, N. Y. Multiple perforator. 2,389,105; Nov. 13.

Kern, Rudolf, Ludwigshafen-on-the-Rhine, Germany; vested in the Alien Property Custodian. Condensation products and producing same. 2,390,153; Dec. 4.

Kerner, Jacob, Chelsea, Mass. Combination stop and pusher. 2,372,499; Mar. 27.

Kernot, Joseph C., Mayfield, near Tunbridge Wells, and V. Silberstein, Kensington, London, England. Treatment of oil or fat containing material for the recovery of oil or fat therefrom. 2,368,028; Jan. 23.

Kerotest Manufacturing Company: *See*—
Lowther, John W., assignor.

Kerr, Charles E., Hoopeston, Ill., assignor to Food Machinery Corporation, San Jose, Calif. Flexible knife mounting for bean snippers. 2,376,062; May 15.

Kerr, Charles E., Hoopeston, Ill., assignor to Food Machinery Corporation, San Jose, Calif. Corn cutter. 2,386,955; Oct. 16.

Kerr, Charles, Jr., Edgewood, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Turbine locomotive. 2,387,913; Oct. 30.

Kerr, James Gordon, Washington, D. C., assignor to Moore Business Forms, Inc. Carbon interleaved record assembly. 2,390,259; Dec. 4.

Kerr, Orange B., Holly Springs, Miss. Brooder. 2,388,157; Oct. 30.

Kerr, Ralph W., Riverside, Ill., assignor to Corn Products Refining Company, New York, N. Y. Preparation of modified starch product. 2,380,848; July 31.

Kerr, Robert, Detroit, Mich. Release device for safety roof exits. 2,389,315; Nov. 20.

Kerr, Thomas J.: *See*—
Hedges, W. D., Lowman, and Kerr.
Hyatt, C. S., and Kerr.

Kerr, Wallace E., Youngstown, Ohio. Drawbench arm mechanism. 2,369,467; Feb. 13.

Kerr, William, Roseville, and W. G. Stolberg, Detroit, Mich., assignors to American Car and Foundry Company, New York, N. Y. Lubricated wedge seal valve. 2,389,670; Nov. 27.

Kerry, John R., Palatine, assignor to The House of Vision, Belgard-Spero, Inc., Chicago, Ill. Fluid pulsator. 2,374,437; Apr. 24.

Kerry, John R., Palatine, Ill., assignor, by mesne assignments, to American Optical Company, Southbridge, Mass. Optical device. 2,389,155; Nov. 20.

Kerschbaum, Friedrich P., Dayton, Ohio, assignor to H. T. Stowell, Washington, D. C. Production of chlorine. 2,369,301; Feb. 13.

Kershaw, Henry, Belleville, N. J. Apparatus for welding. 2,385,710; Sept. 25.

Kershaw, Henry, assignor to Speed-Jack Company, Belleville, N. J. Plastics coned disk. 2,376,154; May 15.

Kershaw, John G., Westmount, and H. Fisher, Mount Royal, assignors to Dominion Textile Company Limited, Montreal, Quebec, Canada. Condensing sliver. 2,385,448; Sept. 25.

Kershaw, Robert H., Long Beach, Calif. Lock for wrenches. 2,378,854; June 19.

Kershaw, Wilfred: *See*—
Robins, C., and Kershaw.

Kerstein, Norman A.: *See*—
Rohrig, I. A., and Kerstein.

Kersten, Harold J.: *See*—
Highberger, J. H., and Kersten.

Kersten, Harold J., Cincinnati, Ohio. Humidity responsive device. 2,377,426; June 5.

Kerstetter, Russel F., Mechanicsburg, Pa. Log grab hook. 2,372,724; Apr. 3.

Kerwin, John M., and S. H. Norton, assignors to Thompson Products, Inc., Cleveland, Ohio. Making cold worked hollow stem valves. 2,367,783; Jan. 23.

Keslar, Leroy D., Tarentum, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Laminated glass unit. 2,377,084; May 29.

Kesselring, Fritz, Berlin-Frohnau, F. Gieffers, Berlin-Charlottenburg, and W. Kaufmann, Berlin-Siemensstadt, Germany; vested in the Alien Property Custodian. Circuit breaker. 2,387,589; Oct. 23.

Kessenich, Gregory J.: *See*—
Thibodeau, W. E., and Kessenich.

Kessler, Althea D.: *See*—
Goland, P. P., and Drew, assignors.

Kessler, Benny J.: *See*—
Cosneck, Bernard J., and Kessler.

Kessler, George W., New York, N. Y., assignor to The Babcock & Wilcox Company, Jersey City, N. J. Vapor generation. 2,387,998; Oct. 30.

Kessler, Gordon A.: *See*—
Teichmann, C. F., Goldsby, Kessler, and Neuhaus.

Kessler, Lee H., Springville, N. Y. Stone crushing apparatus. 2,373,691; Apr. 17.

Kessler, Robert E., Upper Montclair, assignor to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Synchronizing generator. 2,384,931; Sept. 18.

Kessler, Ward P., Elkhart, Ind., assignor to The Adlake Company, Chicago, Ill. Window. 2,367,129; Jan. 9.

Kessler, Ward P., Elkhart, Ind., assignor to The Adlake Company, Chicago, Ill. Sash construction. 2,377,427; June 5.

Kessler, Wilbur, Newtown Square, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Spreader stoker apparatus. 2,390,154; Dec. 4.

Kessler, Wilbur, Newtown Square, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Spreader stoker. 2,390,155; Dec. 4.

Keto, August L., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Shielding transformer structure. 2,370,045; Feb. 20.

Kett Tool Company, The: *See*—
Koett, Albert C., assignor.

Kettering, Charles F., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Variable pitch propeller control. 2,377,633; June 5.

Kettering, Charles F., and A. W. Fischer, assignors to General Motors Corporation, Detroit, Mich. Automatic control. 2,377,698; June 5

Kettering, Eugene W., Hinsdale, Ill., assignor to General Motors Corporation, Detroit, Mich. Piston. 2,379,359; Jnne 26.

Kettering, Eugene W., Hinsdale, Ill., assignor to General Motors Corporation, Detroit, Mich. Hydraulic valve adjusting means. 2,380,051; July 10.

Kettig, Leendert, Secaucus, assignor to Keuffel & Esser Company, Hoboken, N. J. Drafting machine. 2,370,971; Mar. 6.

Ketting, Leendert, Secaucus, assignor to Keuffel & Esser Company, Hoboken, N. J. Drafting machine. 2,374,020; Apr. 17.

Ketting, Leendert, Secaucus, assignor to Keuffel & Esser Company, Hoboken, N. J. Drafting machine. 2,377,429; June 5.

Kettler, Clarence J.: *See*—
Hogan, J. H., Kettler, Judkins, and Hall.

Keuffel, Adolf W., Essex Fells, and R. Straub, North Bergen, assignors to Keuffel & Esser Company, Hoboken, N. J. Drawing instrument. 2,366,449; Jan. 2.

Keuffel, Adolf W., and H. F. Schermerhorn, Montclair, assignors to Keuffel & Esser Company, Hoboken, N. J. Method and apparatus for preparing highly legible tapes. 2,374,356; Apr. 24.

Keuffel & Esser Company: *See*—
Heireth, Arvid, assignor.
Jacobus, D. D., and Bose, assignors.
Ketting, Leendert, assignor.
Keuffel, A. W., and Schermerhorn, assignors.
Keuffel, A. W., and Straub, assignors.
Schneider, Walter H., assignor.

Keuning, Klaas J.: *See*—
Dippel, C. J., Keuning, Verkinderen, and Van Hoestenberghe, assignors.

Keuper, William J., assignor to The National Marking Machine Company, Cincinnati, Ohio. Laundry marking machine. 2,370,735; Mar. 6.

Keuper, William J., assignor to The National Marking Machine Company, Cincinnati, Ohio. Laundry marking machine. 2,384,035; Sept. 4.

Kew, Charles E., Hamburg, N. Y., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Electrical control system. Re. 22,588; Jan. 9.

Kewanee Machinery Conveyor Co.: *See*—
Fulper, John H., assignor.

Kewaunee Manufacturing Company: *See*—
Reineck, Edward A., assignor.

Keyes, Grafton H.: *See*—
Brooker, L. G. S., and Keyes.

Keyes, John J., Edgewood, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Insulated electrical conductor. 2,370,046; Feb. 20.

Keys, Theodore F., Jeannette, Pa. Piercer. 2,390,309; Dec. 4.

Keystone Signalphone Company: *See*—
Cooney, Lawrence J., assignor.
Hamilton, George E., assignor.

Kezer, Henry A., El Paso, Tex. Solar heater. 2,382,722; Aug. 14.

Kharasch, Morris S., Chicago, Ill., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of sulphonyl chlorides. 2,383,319; Aug. 21.

Kharasch, Morris S., Chicago, Ill., and W. B. Reynolds, Cincinnati, Ohio, assignors to Research Corporation, New York, N. Y. Preparation of limonene. 2,382,641; Aug. 14.

Kharasch, Morris S., Chicago, Ill., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Reaction of saturated aliphatic carboxylic acid with sulphuryl chloride and products thereof. 2,383,320; Aug. 21.

Khoury, George H., Corona, N. Y. Lady's reversible handbag. 2,369,239; Feb. 13.

Kiar, Mogens, Shawinigan Falls, assignor to Shawinigan Chemicals Limited, Montreal, Quebec, Canada. Polymerization of vinyl esters in emulsion. 2,388,602; Nov. 6.

Kibler, Alfred G.: *See*—
Spurlino, P., Carroll, Colley, and Kibler.

Kibler, Alfred G., assignor to The National Cash Register Company, Dayton, Ohio. Accounting machine. 2,371,525; Mar. 13.

Kibler, Louis E., assignor to A. K. Robins & Company, Inc., Baltimore, Md. Lye peeler. 2,391,630; Dec. 25.

Kidd, Earl H.: *See*—
Shaw, J. C., and Kidd.

Kidd, Wilmot H., Sharon, Mass., assignor to The Foxboro Company, Foxboro, Mass. Sugar refining control. 2,377,634; June 5.

Kidde Manufacturing Co., Inc.: *See*—
Honegger, John A., assignor.

Kidde, Walter & Company, Inc.: *See*—
Willenborg, Walter J., assignor.

Kidder, Austin C.: *See*—
Whitney, L. A., and Kidder.

Kidder, Gordon W.: *See*—
Fontana, M. G., Kidder, and Kraus.

Kidrick, Emmett F., and W. G. Miller, Bremerton, Wash. Printing press. 2,375,793; May 15.

Kiechle, Paul, New York, N. Y. Saw grinding device. 2,379,642; July 3.

Kiefer, Edwin F., and W. G. Krellner, assignors to Stackpole Carbon Company, St. Marys, Pa. Treating electrodes. 2,368,306; Jan. 30.

Kiefer, Karl, Machine Company, The: *See*—
Hallead, M., and Fechheimer, assignors.

Kiel, Karl B. W., Glashutte, Germany; vested in the Alien Property Custodian. Selecting mechanism for calculating machines. 2,378,560; June 19.

Kielland, Jan, Bergen, Norway; vested in the Alien Property Custodian. Method and apparatus for counting blood corpuscles. 2,369,577; Feb. 13.

Kiene, Dorothy S.: *See*—
Kiene, William J., assignor.

Kiene, William J., assignor to D. S. Kiene, Chicago, Ill. Valve. 2,368,927; Feb. 6.

Kienle, Roy H., and C. A. Amick, Bound Brook, N. J., assignors to American Cyanamid Company, New York, N. Y. Polar quinonyl sulphonamides as printing aids. 2,371,101; Mar. 6.

Kienle, Roy H., and C. A. Amick, Bound Brook, N. J., assignors to American Cyanamid Company, New York, N. Y. Diquinonyl amides in vat color compositions. 2,371,102; Mar. 6.

Kienle, Roy H., and C. A. Amick, Bound Brook, N. J., assignors to American Cyanamid Company, New York, N. Y. Vat dye compositions containing mixed diamides of dibasic acids. 2,371,103; Mar. 6.

Kienle, Roy H., C. A. Amick, and A. L. Peiker, Bound Brook, N. J., assignors to American Cyanamid Company, New York, N. Y. N,n'-di(amino)diamides of dicarboxylic acids as printing assistants. 2,371,104; Mar. 6.

Kienle, Roy H., Bound Brook, and A. L. Peiker, East Bound Brook, N. J., assignors to American Cyanamid Company, New York, N. Y. Textile printing emulsions and preparing them. 2,374,602; Apr. 24.

Kienle, Roy H., and C. A. Amick, Bound Brook, N. J., assignors to American Cyanamid Company, New York, N. Y. Acyl quinone sulphonamides as printing aids. 2,383,393; Aug. 21.

Kienle, Roy H., Bound Brook, and A. L. Peiker, East Bound Brook, N. J., assignors to American Cyanamid Company, New York, N. Y. Composition for printing flexible materials. 2,383,937; Sept. 4.

Kienle, Roy H., and C. A. Amick, Bound Brook, N. J., assignors to American Cyanamid Company, New York, N. Y. Color compositions containing salts of monoquinonyl-acid-amides. 2,391,836; Dec. 25.

Kienninger, John F., assignor to Technicolor Motion Picture Corporation, Los Angeles, Calif. Photographic printing. 2,366,267; Jan. 2.

Kienninger, John F., Los Angeles, assignor to Technicolor Motion Picture Corporation, Hollywood, Calif. Imbibition printing. 2,387,914; Oct. 30.

Kierspe, Raymond L., Fort Wayne, Ind., assignor to General Electric Company. Die for coating ribbon wire. 2,380,729; July 31.

Kiersted, Wynkoop, Jr., Scarsdale, assignor, by mesne assignments, to The Texas Company, New York, N. Y. Filtration. Re. 22,646; May 29.

Kiersted, Wynkoop, Jr., assignor to The Texas Company, New York, N. Y. Catalytic conversion of hydrocarbons. 2,375,734; June 19.

Kiesel, Leopold E., New York, N. Y. Layout apparatus. 2,376,601; May 22.

Kieselbach, Henry A., Montclair, and E. R. Williams, North Plainfield, N. J., assignors to Johns-Manville Corporation, New York, N. Y. High temperature insulating shape and manufacture. 2,388,549; Nov. 6.

Kiesling, Le Roy H., Brooklyn, N. Y. Multiple-car dumbwaiter system. 2,370,546; Feb. 27.

Kiesling, Le Roy H., Brooklyn, N. Y. Mechanism for dispensing stacked articles. 2,373,029; Apr. 3.

Kiesow, Lothar, Wheaton, assignor to Sears, Roebuck and Co., Chicago, Ill. Baby carriage. 2,378,931; June 26.

Kiff, Arthur L., Hammondsport, N. Y. Crate. 2,378,224; June 12.

Kiffer, Alfred D., Buffalo, N. Y., assignor to Carbide and Carbon Chemicals Corporation. Alcohol antifreeze liquid. 2,384,553; Sept. 11.

Kiggins, Charles A., Los Angeles, Calif. Flushing gun with convertible nozzle. 2,366,960; Jan. 9.

Kilborn, Karl B., assignor to Wingfoot Corporation, Akron, Ohio. Rubber cushioning unit and making same. 2,382,569; Aug. 14.

Kilburg, James: *See*—
Keen, T. A., and Kilburg.

Kilchenmann, Walter, assignor to Sulzer Frères, Société Anonyme, Winterthur, Switzerland. Opposed-piston engine. 2,372,676; Apr. 3.

Kilchenmann, Walter, assignor to Sulzer Frères, Société Anonyme, Winterthur, Switzerland. Reversible supercharged two-stroke internal-combustion engine. 2,375,852; May 15.

Kilduff, Charles J., Baltimore, Md., assignor to Industrial Chemicals, Inc., New York, N. Y. Static eliminator. 2,375,304; May 8.

Kile, Jess S., assignor to Cabin Crafts, Dalton, Ga. Method and machine for making tufted articles. 2,389,914; Nov. 27.

Kilgore Development Corporation: *See*—
Kilgore, Lowell B., assignor.

Kilgore, George R., Verona, N. J., assignor to Radio Corporation of America. Electron discharge device. 2,372,282; Mar. 27.

Kilgore, Joseph D., assignor of one-half to E. A. Cottingham, Athens, Ohio. Holder for cigars and cigarettes. 2,373,629; Apr. 10.

Kilgore, Lee A., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Impulse generator. 2,376,781; May 22.

Kilgore, Lowell B., Arlington, Va., assignor to Kilgore Development Corporation. Rubberlike compositions. 2,376,782; May 22.

Kilgore, Robert E., Detroit, assignor to N. A. Woodworth Company, Ferndale, Mich. Cutoff toolholder. 2,390,653; Dec. 11.

Kilian, Rudolph R., Baldwinsville, assignor to Rollway Bearing Co., Inc., Syracuse, N. Y. Double acting reciprocating air motor. 2,380,315; July 10.

Killefer Manufacturing Corporation: *See*—
Mitchell, Roille H., assignor.
Mitchell, R. H., and Thomas, assignors.

Killen, William B. M.: *See*—
Butler, J. F., and Killen.

Killingsworth, Robert B.: *See*—
Shipp, V. L., Pabst, and Killingsworth.

Killman, Robert T., Nashville, Tenn. Automatic nozzle. 2,388,552; Nov. 13.

Kilpatrick, Edward L., Arlington, Va. Determining vertical angle of incidence of radio waves. 2,379,909; July 10.

Kiltie, Ordean, Fort Wayne, Ind., assignor to General Electric Company. Electric translating apparatus. 2,372,966; Apr. 3.

Kimball, James L., Danvers, assignor to Ruggles-Klingemann Mfg. Co., Salem, Mass. Regulator. 2,378,410; June 19.

Kimball, Vernon R., Maywood, assignor to Bendix Aviation Corporation, Bendix, N. J. Gyro erecting mechanism. 2,370,904; Mar. 6.

Kimball, Wallace D., Middle Haddam, and E. Ardell, Middletown, assignors to Standard-Knapp Corporation, Portland, Conn. Labeling machine. 2,375,305; May 8.

Kimbell, Richard G., Chevy Chase, Md., assignor to Timber Engineering Company, Washington, D. C. Timber connector. 2,377,156; May 29.

Kimberlin, Carna M., Spokane, Wash. Heater. 2,367,356; Jan. 16.

Kimberlin, Charles N., Jr., Baton Rouge, La., assignor to Standard Oil Development Company. Production of ethyl benzene. 2,373,030; Apr. 3.

Kimberlin, Charles N., Jr., Baton Rouge, La., assignor to Standard Oil Development Company. Alkylating aromatic constituents. 2,373,031; Apr. 3.

Kimberlin, Charles N., Jr., Baton Rouge, La., assignor to Standard Oil Development Company. Preparing ethyl benzene. 2,377,243; May 29.

Kimmell, Garman O., Oklahoma City, Okla. Removing samples from flowing streams. 2,376,542; May 22.

Kimmig, Emil W., Rutherford, and F. J. Peters, Clifton, N. J., assignors to Continental Can Company, Inc., New York, N. Y. Apparatus for degreasing containers. 2,380,968; Aug. 7.

Kimpton, William H.: *See*—
Hill, F. B., and Kimpton.

Kincaid, Frank M., Jr.: *See*—
Hill, H. C., Jackes, and Kincaid.

Kincaid, Robert L., Arlington, Va. Holder for cleaning cloth. 2,384,178; Sept. 4.

Kincannon, Leo T., assignor to Metal Products Corporation, Milwaukee, Wis. Fuel supply for two-cycle, crankcase compression engines. 2,388,331; Nov. 6.

Kind, Rudolf K., New Hyde Park, and R. H. Konikoff, Garden City Park, N. Y.; said Konikoff assignor to said Kind. Lock. 2,370,800; Mar. 6.

Kinder, Cloyd L., deceased, East Pasadena, Calif.; V. Kinder, administratrix. Internal-combustion engine. 2,384,422; Sept. 4.

Kinder, Verna, administratrix: *See*—
Kinder, Cloyd L.

Kindervater, Julius, Richmond, Va., assignor to American Locomotive Company, New York, N. Y. Flexible hollow stay-bolt construction for boilers. 2,383,394; Aug. 21.

Kindland, Erick N., Jamestown, N. Y. Utility hammer. 2,377,157; May 29.

Kiner, Glenn, Markham, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Group-call telephone system. 2,374,357; Apr. 24.

Kinetic Chemicals, Inc.: *See*—
Benning, A. F., and Park, assignors.
Downing, F. B., Benning, and McHarness, assignors.

King, Alexander H., West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Multiple magneto drive. 2,390,886; Dec. 11.

King, Bertell W., Brooklyn, N. Y. Variable-speed clutch. 2,374,866; May 1.

King, Charles F., Cincinnati, Ohio, assignor to The Lithographic Technical Foundation, Inc., New York, N. Y. Preparation of lithographic plates. 2,390,944; Dec. 11.

King, Charles H., assignor to Clark Equipment Company, Buchanan, Mich. Roller. 2,368,144; Jan. 30.

King, Charles M., Huntington Park, assignor to Baker Oil Tools, Inc., Vernon, Calif. Parking device. 2,368,928; Feb. 6.

King, Charles S., assignor to Blockson Chemical Co., Joliet, Ill. Vitreous compositions consisting of oxides of alkali metal, phosphorous, and other selected divalent metal. 2,370,472; Feb. 27.

King, Charles S., assignor to Blockson Chemical Co., Joliet, Ill. Water treatment. 2,370,473; Feb. 27.

King, Charley H., Rockingham, N. C. All metal-adjustable jack strap. 2,370,406; Feb. 27.

King, Clarence Van H., Jr.: *See*—
Isenberg, R. A., Pershing, King, Jr., Patton, and Caraway.

King, Claude R.: *See*—
Clark, A. R., and King, C. R. and H. J.

King, Donald R., assignor to Joshua Hendy Iron Works, Sunnyvale, Calif. Reaming tool. 2,368,476; Jan. 30.

King, Eldon, Lansing, Kans. Cigarette dispensing apparatus. 2,373,476; Apr. 10.

King, Ellis G., Pittsburgh, assignor to Armstrong Cork Company, Lancaster, Pa. Insulating material and making the same. 2,373,401; Apr. 10.

King, Frank S., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Gravel guard construction. 2,367,824; Jan. 23.

King, George E., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control system for machine tools. 2,370,047; Feb. 20.

King, George E., Swissvale, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control system. 2,369,367; Nov. 20.

King, George E., Swissdale, assignor to Westinghouse Electrical Corporation, East Pittsburgh, Pa. Control system. 2,389,368; Nov. 20.

King, Harold A., Birmingham, Mich. Automotive vehicle. 2,390,260; Dec. 4.

King, Harold J.: *See*—
Clark, A. R., and King, C. R. and H. J.

King, Harry, assignor to The Fellows Gear Shaper Company, Springfield, Vt. Workpiece feeding means for machine tools. 2,382,013; Aug. 14.

King, Irving, and B. R. Burg, Los Angeles, Calif. Frozen confection dispenser. 2,385,579; Sept. 25.

King, James, Glendale, Calif. Refrigerator car construction. 2,372,961; Apr. 3.

King, James T., Burbank, Calif. Quick-coupling clamp. 2,368,929; Feb. 6.

King, James T., Burbank, Calif. Fishing reel. 2,388,979; Nov. 13.

King, James T., Burbank, Calif. Fishing reel. 2,389,515; Nov. 20.

King, James T., Burbank, Calif. Hose clamp. 2,389,785; Nov. 27.

King, John A.: *See*—
Smith, L. I., and King.

King, Robert A., New York, N. Y., and J. C. Word, Jr., and J. J. Sims, Phillips, Tex., assignors to Phillips Petroleum Company. Treatment of aqueous fluoride solutions. 2,371,759; Mar. 20.

King, Ronald D., and N. F. Wood, Portsmouth, England. Making self-locking nuts. 2,391,712; Dec. 25.

King, Samuel R., Torrance, Calif. Hand tool for making strips from sheet material. 2,387,450; Oct. 23.

King, Thomas E., Hartsdale, assignor to Lord & Burnham Company, Irvington, N. Y. Building construction. 2,377,788; June 5.

King, Victor L., Bound Brook, and H. P. Orem, North Plainfield, N. J., assignors to American Cyanamid Company, New York, N. Y. Nitroso beta naphthol composition. 2,391,837; Dec. 25.

King, Walter G., Jr.: *See*—
Lee, A. P., and Gray.

King, Walter T., Denville, N. J. Forming tool. 2,377,888; June 12.

King, Wilbert A.: *See*—
Krotzer, A. R., King, and Kleiner.

King, William H., assignor to Behr-Manning Corporation, Troy, N. Y. Method of and apparatus for making pile fabrics. 2,376,922; May 29.

King, William R., Mineola, Tex. Intermitter timing device. 2,380,969; Aug. 7.

Kingerley, Richard W., Jr., Lakewood, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Compositions and processes. 2,391,631; Dec. 25.

Kingman, Russell B., Orange, N. J. Scouring implement. 2,376,783; May 22.

Kingman, Russell B., Orange, N. J. Mute for stringed musical instruments. 2,386,899; Oct. 16.

Kingman, Russell B., Orange, N. J. Scourer for kitchen utensils. 2,386,900; Oct. 16.

Kingman, Russell B., Orange, N. J. Mute for stringed musical instruments. 2,388,550; Nov. 6.

Kingman, Russell B., Orange, N. J. Stringed instrument mute. 2,388,551; Nov. 6.

Kingman, Russell B., Orange, assignor to Metal Textile Corporation, West Orange, N. J. Strainer unit. 2,371,895; Mar. 20.

Kingsbury, Edward J., assignor to Kingsbury Machine Tool Corporation, Keene, N. H. Chip breaking structure. 2,391,463; Dec. 25.

Kingsbury, Franklin L., Rumson, S. S. Cole, Metuchen, N. J., and W. B. Anderson, Brooklyn, assignors to National Lead Company, New York, N. Y. Composite titanium dioxide pigments and making the same. 2,369,468; Feb. 13.

Kingsbury, Leon V., South Bend, Ind., assignor to The Oliver Corporation. Power lift and power-driven implement. 2,384,623; Sept. 11.

Kingsbury Machine Tool Corporation: *See*—
Kingsbury, Edward J., assignor.

Kingsinger, Roland, G. Pinkham, and W. Friegel, assignors to L. A. Young Spring and Wire Corporation, Detroit, Mich. Screw machine. 2,372,004; Mar. 20.

Kingslake, Rudolf, and M. Reiss, assignors to Eastman Kodak Company, Rochester, N. Y. Projection system. 2,384,624; Sept. 11.

Kingsland, George M.: *See*—
Guler, G. D., and Kingsland.

Kingston, Arthur C., et al.: *See*—
Young, William D., assignor.

Kingston, Walter E., Emporium, Pa., assignor to Sylvania Electric Products Inc. Metal insert for vacuum-tight sealing. 2,369,146; Feb. 13.

Kingston, Walter E., Emporium, Pa., assignor to Sylvania Electric Products Inc., Salem, Mass. Composite glass-metal alloy article. 2,371,627; Mar. 20.

Kinkead, Fullerton S.: *See*—
Bacon, W. M., and Kinkead.
Bacon, W. M., Kinkead, and Krecek.

Kinkead, Fullerton S., New York, and J. A. Krecek, New Rochelle, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph station selector system. 2,369,578; Feb. 13.

Kinkead, Fullerton S., New York, N. Y., and W. Y. Lang, Towaco, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph switching system. 2,375,794; May 15.

Kinkead, Fullerton S., deceased, New York, by R. S. Kinkead, Trudau, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph system. 2,379,910; July 10.

Kinkead, Rita S., administratrix: *See*—
Bacon, W. M., and Kinkead.
Kinkead, Fullerton S.

Kinker, Clarence C., Montreal, West, Quebec, Canada, assignor to O'Neill Patents Limited, La Salle, Quebec. Glassware forming machine. 2,376,602; May 22.

Kinley, Myron M., Houston, Tex. Fluid influx indicator. 2,377,501; June 5.

Kinnard, Frank M., et al.: *See*—
Turner, James, assignor.

Kinne, Edmund P., Alliance, Ohio, assignor to American Steel Foundries, Chicago, Ill. Journal box. 2,369,302; Feb. 13.

Kinne, Edmund P., and F. H. Kayler, Alliance, Ohio, assignors to American Steel Foundries, Chicago, Ill. Coupler. 2,382,232; Aug. 14.

Kinne, Edmund P., and F. H. Kayler, Alliance, Ohio, assignors to American Steel Foundries, Chicago, Ill. Car coupler. 2,386,476; Oct. 9.

Kinne, Edmund P., Alliance, Ohio, assignor to American Steel Foundries, Chicago, Ill. Draft gear. 2,383,656; Aug. 28.

Kinne, Edmund P., and F. H. Kayler, Alliance, Ohio, assignors to American Steel Foundries, Chicago, Ill. Coupler. 2,384,748; Sept. 11.

Kinnear, Clarence W., Houston, Tex. Drill. 2,380,112; July 10.

Kinnear, James W., Jr., Pittsburgh, Pa. Producing high-tensile strength deep-drawing steel. 2,389,516; Nov. 20.

Kinney, Jesse J., Pikeville, Ky. Center finder for tunnel excavations and the like. 2,376,700; May 22.
Kinney, Le Baron W., Jr., assignor to The White Motor Company, Cleveland, Ohio. Tilting cab. 2,376,491; May 22.
Kinney Manufacturing Company: *See*— Barron, John T., assignor.
Kinney, Selwyne P., Pittsburgh, Pa., assignor to H. A. Brassert & Company, New York, N. Y. Filter. 2,371,760; Mar. 20.
Kinninger, Arthur M., assignor of one-half to C. A. Kinninger, Dayton, Ohio. Wall form tie. 2,370,174; Feb. 27.
Kinninger, Carl A.: *See*— Kinninger, Arthur M., assignor.
Kinsel, Anthony: *See*— Breth, F. W., and Kinsel.
Kinser, Vernon, Butterfield, Mo. Steering stabilizer. 2,382,424; Aug. 14.
Kinser, Vernon, Detroit, Mich. Transmission. 2,383,974; Sept. 4.
Kinsman, Earle V., Scotia, N. Y., assignor to General Electric Company. Electric time delay relay. 2,368,477; Jan. 30.
Kinsman, Earle V., Scotia, N. Y., assignor to General Electric Company. Electric control circuit. 2,372,005; Mar. 20.
Kintner, Charles J.: *See*— Ridgway, E. O., Tucker, and Kintner.
Kintz, Earl E., Cleveland, Ohio. Storage rack. 2,380,316; July 10.
Kintzing, Reese T.: *See*— Immel, R. B., and Kintzing.
Kipp, Calvin P., Summit, N. J., assignor to Speed Products Company, New York, N. Y. Perforating device. 2,373,121; Apr. 10.
Kirby, Charles F., assignor to himself and C. R. Kirby, Berkeley, Calif., as joint tenants. Rule setting gauge. 2,389,316; Nov. 20.
Kirby, Charles R.: *See*— Kirby, Charles F., assignor.
Kirby, James B., West Richfield, assignor to The Apex Electrical Manufacturing Company, as trustee, Cleveland, Ohio. Laundry machine. 2,381,545; Aug. 7.
Kirby, James E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of long-chain tertiary amines. 2,366,534; Jan. 2.
Kirby, James E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Process and products therefrom. 2,371,052; Mar. 6.
Kirby, James E., Wilmington, Del., and J. F. Lontz, Gadsden, Ala., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Diamine derivatives. 2,375,853; May 15.
Kirby, James E., and J. F. Lontz, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Disinfectant compositions. 2,388,614; Nov. 6.
Kirby, James E., and D. W. Woodward, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Immobile N-substituted naphthylamine dye intermediates. 2,389,575; Nov. 20.
Kirby, James J., Chicago, Ill. Soldering machine. 2,369,240; Feb. 13.
Kirby, John S., Indianapolis, Ind., assignor to The Hinde & Dauch Paper Company, Sandusky, Ohio. Package for furniture. 2,378,932; June 26.
Kirby, Walter G., and L. E. Steinle, Naugatuck, Conn., assignors to United States Rubber Company, New York, N. Y. Reclaiming scrap vulcanized rubber. 2,372,584; Mar 27.
Kirby, Walter G., and L. E. Steinle, Naugatuck, Conn., assignors to United States Rubber Company, New York, N. Y. Reclaiming waste polychloroprenes. 2,391,714; Dec. 25.
Kirby, Wilfred: *See*— Nagmith, J. I., and Kirby.
Kirchmeyer, Frederick J.: *See*— Moore, M. B., and Kirchmeyer.
Kirchner, George J., Mount Lebanon, Pa., assignor to National Tube Company. Outlet trough and mandrel bar arrangement for tube-piercing mills. 2,384,312; Sept. 4.
Kirk, Charles C.: *See*— Waller, Percy H., assignor.
Waller, P. H., and Nottingham, assignors.
Kirk, Charles C., et al.: *See*— Williamson, Russell B., assignor.
Kirk, Douglas: *See*— Johnson, W. C., and Kirk.
Kirk, Joseph S., Cleveland, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Silicic acid sols. 2,383,653; Aug. 28.
Kirk, Lawrence T., Abbeville, S. C. Railroad torpedo setter. 2,387,915; Oct. 30.
Kirk, Paul L., and R. Q. Boyer, Berkeley, assignors to Ventura Tool Company, Ventura, Calif. Detecting flaws in pipes and the like. 2,371,176; Mar. 13.
Kirk, Philip M., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparation of esters of aconitic acid. 2,375,563; May 8.
Kirk, Roy C.: *See*— McConica, Thos. H., III, MacPhail, and Kirk.
Kirk, Roy C., assignor to The Dow Chemical Company, Midland, Mich. Production of magnesium. 2,380,449; July 31.
Kirk, Roy C., C. E. Nelson, and T. H. McConica, III, assignors to The Dow Chemical Company, Midland, Mich. Recovery of magnesium from vapor mixtures. 2,391,713; Dec. 25.
Kirkbride, Chalmer G., assignor to Pan American Refining Corporation, Texas City, Tex. Desalting of mineral oil. 2,366,792; Jan. 9.
Kirkbride, Chalmer G., Galveston, Tex., assignor to Pan American Refining Corporation, New York, N. Y. Recovery of liquid hydrocarbons from high pressure wells. 2,374,104; Apr. 17.
Kirkhill, Inc.: *See*— Lewis, H. B., and Larson, assignors.
Kirkland, Nicodemus E., Leeds, Ala.; K. K. Curl, administratrix of said Nicodemus E. Kirkland, deceased. Potato grater. 2,376,603; May 22.
Kirkpatrick, Edward C., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of higher molecular weight dicarboxylic acids. 2,372,090; Mar. 20.
Kirkpatrick, Joseph R.: *See*— Focke, T. B., Dahlstron, and Kirkpatrick.
Kirkpatrick, William C., Alhambra, assignor to J. R. and W. Thompson, Los Angeles, Calif. Method and apparatus for converting ore. 2,390,105; Dec. 4.
Kirkpatrick, William J., Marshallton, assignor to Hercules Powder Company, Wilmington, Del. Hydrogenation process. 2,367,287; Jan. 16.
Kirkpatrick, William J., Marshallton, assignor to Hercules Powder Company, Wilmington, Del. Isomerization of pinene to camphene. 2,385,711; Sept. 25.
Kirkwood, Loren R.: *See*— Holst, P. F. G., and Kirkwood.
Kirsch Company: *See*— Allen, Archie A., assignor.
Keahey, Frank S., assignor.
Kirsch, Frank K., Detroit, Mich., assignor to Wales-Strippit Corporation, North Tonawanda, N. Y. Punch and die mounting. 2,381,062; Aug. 7.
Kirsch, Paul, Woodhaven, N. Y., assignor to C. P. Goerz American Optical Company. Apparatus for polishing optical flats. 2,383,131; Aug. 21
Kirsch, Sidney, Brooklyn, N. Y. Table cover panel and retaining means therefor. 2,367,948; Jan. 23.
Kirschenbauer, Hans G., Allendale, assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Production of unsaturated compounds. 2,388,158; Oct. 30.
Kirschenbauer, Hans G., Allendale, assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Producing unsaturated compounds. 2,389,260; Nov. 20.
Kirsebom, Gustaf N., Nordeide, Norway; vested in the Alien Property Custodian. Producing or refining aluminum. 2,382,723; Aug. 14.
Kirshner, Abraham S.: *See*— Pecker, J. S., Simpson, and Kirshner.
Kirst, William E.: *See*— Davis, C. O., and Kirst.
Kis, John, Racine, Wis. Universal machine head brake. 2,376,492; May 22.
Kisbey, Roy D., San Francisco, Calif. Brake structure. 2,377,430; June 5.
Kisch, Louis A.: *See*— Goodloe, A. M., and Kisch.
Kisch, Louis A., Little Falls, assignor to Metal Textile Corporation, West Orange, N. J. Filter and strainer medium. 2,374,755; May 1.
Kisch, Louis A., Little Falls, and E. J. Herter, Jr., Ridgewood, assignors to Metal Textile Corporation, West Orange, N. J. Strainer body and harness therefor. 2,374,756; May 1.
Kiser, Nathaniel L., Emporium, Pa., assignor to Sylvania Electric Products Inc. Push-pull electron tube. 2,374,684; May 1.
Kish, John S., Youngstown, Ohio. Combined goggles and respirator. 2,372,834; Apr. 3.
Kishline, Floyd F., assignor to Nash-Kelvinator Corporation, Kenosha, Wis. Body mount. 2,384,096; Sept. 4.
Kisky, Christian, Oswego, Oreg. Toothbrush. 2,378,641; June 19.
Kispert, Joseph J., New Haven, Conn. Corset. 2,367,875; Jan. 23.
Kispert, Joseph J., New Haven, Conn. Corset. 2,367,876; Jan. 23.
Kispert, Joseph J., Branford, Conn. Corset. 2,379,444; July 3.
Kispert, Joseph J., Branford, Conn. Uplift corset. 2,379,445; July 3.
Kissel, William L., and H. D. Palmer, Hartford, assignors, by mesne assignments, to West Bend Aluminum Co., West Bend, Wis. Starting device. 2,374,685; May 1.
Kissock, Alan, Laurelton, N. Y. Separation and recovery of molybdate and alumina from spent catalysts. 2,367,506; Jan. 16.
Kistler, Samuel S., West Boylston, assignor to Norton Company, Worcester, Mass. Grinding wheels. 2,384,683; Sept. 11.
Kistler, Samuel S., West Boylston, assignor to Norton Company, Worcester, Mass. Grinding wheels. 2,384,684; Sept. 11.

Kistner, Merrill M., Chicago, Ill. Steam-electric pressing and ironing device. 2,384,839; Sept. 18.
Kite, Robert P.: *See*— Kelly, E. M., Kivari, Kite, Roberts, and Sutherland.
Kitley, Fred L.: *See*— Jansen, B. M., and Kitley.
Kittel, Claude, assignor to The Crosley Corporation, Cincinnati, Ohio. Selective device. 2,371,761; Mar. 20.
Kittel, John J., St. Albans, assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 2,383,256; Aug. 21.
Kittel, John J., St. Albans, assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 2,383,257; Aug. 21.
Kittel, John J., St. Albans, assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 2,383,258; Aug. 21.
Kittel, John J., St. Albans, assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 2,383,259; Aug. 21.
Kittel, John J., St. Albans, assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 2,383,260; Aug. 21.
Kitter, Vladimir, New York, N. Y. Stable packaged pharmaceutical preparation and method of preparing the same. 2,380,970; Aug. 7.
Kitterman, Don M.: *See*— Rice, C. V., and Kitterman.
Kittess, Jason J., Los Angeles, Calif. Capping apparatus. 2,385,004; Sept. 18.
Kittinger, Charles E., Missoula, Mont. Raising sunken ships. 2,390,654; Dec. 11.
Kittler, Georg, Opperau, near Breslau, Germany; vested in the Alien Property Custodian. Apparatus for the mechanical loading of beetroots. 2,378,144; June 12.
Kittler, Milton J., Detroit, Mich., assignor to G. M. and E. Holley. Variable Venturi type carburetor. 2,367,507; Jan. 16.
Kittler, Milton J., and R. L. Ensinger, assignors to G. M. and E. Holley, Detroit, Mich. Accelerating device. 2,387,271; Oct. 23.
Kittleson, Howard B., Salt Lake City, Utah. Computor scale. 2,389,369; Nov. 20.
Kitto, William H., Canton, assignor to The Hoover Company, North Canton, Ohio. Refrigeration. 2,389,317; Nov. 20.
Kittredge, Linus E., Port Washington, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,370,736; Mar. 6.
Kitts, William, Los Angeles, Calif., assignor to Adel Precision Products Corp. Hose clamp. 2,383,199; Aug. 21.
Kivari, Arthur M.: *See*— Kelly, E. M., Kivari, Kite, Roberts, and Sutherland.
Kivley, Ray C., Oak Park, and A. Pearson, Western Springs, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Article supporting device. 2,382,233; Aug. 14.
Kjellgren, Bengt R. F., University Heights, assignor to The Brush Beryllium Company, Cleveland, Ohio. Producing beryllium. 2,381,291; Aug. 7.
Kjellson, Henry W., assignor to Irvin Failskärmsaktieboiag. Stockholm, Sweden. Parachute harness. 2,370,357; Feb. 27.
Kjellström, Stig B.: *See*— Häger, Bror O., and Kjellström.
Kjolseth, Ole K., Erie, Pa., assignor to General Electric Company. Truck suspension system. 2,378,581; Apr. 10.
Kjosness, G. A., et al.: *See*— McGillicuddy, Addeline J., assignor.
Klagges, Henry C., Collingswood, assignor to The Esterbrook Steel Pen Manufacturing Co., Camden, N. J. Writing implement. 2,390,541; Dec. 11.
Klaiber, Frank L., and H. C. Clark, assignors to R. G. Wright Company, Inc., Buffalo, N. Y. Can upending mechanism. 2,369,742; Feb. 20.
Klammt, Arthur, New York, N. Y., and G. W. Kretzschmar, Garfield, N. J., assignors to W. M. Ritter Lumber Company. Applying finishes to the surfaces of wood or other porous materials. 2,375,113; May 1.
Klamp, Paul: *See*— Klamp, William and P.
Klamp, William, Lakewood, and P. Klamp, East Canton, Ohio. Program timer. 2,386,956; Oct. 16.
Klancnik, Adolph V. and F. J., Chicago, Ill. Laundry sour. 2,375,664; May 8.
Klancnik, Frank J.: *See*— Klancnik, Adolph V. and F. J.
Klas, Earl W., Flint, Mich. Rotary valve. 2,369,147; Feb. 13.
Klaucke, Hermann, Worcester, Mass., and R. G. Davis, assignors to Chain Belt Company, Milwaukee, Wis. Conveyer chain. 2,385,923; Oct. 2.
Klazkin, Alfred, Brooklyn, N. Y. Mattress. 2,384,097; Sept. 4.
Klazkin, Alfred, and M. J. Danciger, Brooklyn, N. Y. Gasoline station pump nozzle strainer. 2,368,145; Jan. 30.
Kleber, Jackson O., Long Island City, N. Y. Weighing apparatus adapted for operation by the blind. 2,383,321; Aug. 21.
Kleen Refrigerator, Inc.: *See*— Erland af Kleen, Nils, assignor.
Kleimack, Joseph J., Bayonne, and G. L. Pearson, Millington, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Resistor device. 2,389,915; Nov. 27.
Klein, Bernard, Baltimore, M. Electrolytic decomposing gas generator. 2,373,032; Apr. 3.
Klein, Charles H., Cincinnati, assignor to Progress Lithographing Company, Reading, Ohio. Grinding fixture. 2,391,317; Dec. 18.
Klein, Clarence F., and E. Huber, assignors to Frankenberg Bros., Inc., Columbus, Ohio. Forming cardboard boxes. 2,387,272; Oct. 23.
Klein, Clarence J., Hollidays Cove, W. Va., assignor to National Steel Corporation. Roll changing apparatus for electrolytic coating lines. 2,388,980; Nov. 13.
Klein, David X., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing chloroindanthrones. 2,377,158; May 29.
Klein, Felix, New York, N. Y. Swing faucet. 2,383,724; Aug. 28.
Klein, Frederick: *See*— Gale, Leonard, assignor.
Klein, Gustav, Elkins Park, Pa. Dual valve control for gas burners. 2,373,189; Apr. 10.
Klein, Gustav, Atlantic City, N. J. Heating stove. 2,374,438; Apr. 24.
Klein, Harry H., Woodhaven, N. Y. Hair curler. 2,379,807; July 3.
Klein, Harry R., Chicago, Ill. Faucet attachment. 2,382,066; Aug. 14.
Klein, James B., assignor to Micromatic Hone Corporation, Detroit, Mich. Honing device. 2,383,657; Aug. 28.
Klein, Richard, Detroit, Mich. Hair curling apparatus. 2,374,291; Apr. 24.
Klein, Robert E., West Allis, Wis., assignor to Chain Belt Company, Milwaukee, Wis. Conveyer structure. 2,373,477; Apr. 10.
Klein, Victor G.: *See*— Rotter, L. C., and Klein.
Rotter, L. C., Klein, Reisert, and Schneller.
Kleinberg, Benjamin W., assignor, by mesne assignments, to G. A. Frank, doing business as Lapelle Co., New York, N. Y. Dispensing container. 2,390,945; Dec. 11.
Kleiner, Julius H.: *See*— Krotzer, A. R., King, and Kleiner.
Kleinhans, Earl S., Santa Monica, and W. W. Reaser, Pacific Palisades, assignors to Douglas Aircraft Company, Inc., Santa Monica, Calif. Air conditioning system. 2,391,838; Dec. 25.
Kleinholz, Milton P.: *See*— Herlocker, R. D., Kleinholz, and Watkins.
Kleinman, Jacob L., New York, N. Y. Razor. Re. 22,638; Apr. 24.
Kleinmann, Max, assignor, by mesne assignments, to Dimple Tie Corporation, New York, N. Y. Necktie and lining therefor. 2,370,670; Mar. 6.
Kleinschmidt, Bernard L., Highland Park, Ill. Sheet pile marker. 2,382,998; Aug. 21.
Kleintop, Harold E., Parkersburg, assignor to Korb-Pettit Wire Fabrics & Iron Works, Inc., Philadelphia, Pa. Conveyer belt drive mechanism. 2,386,558; Oct. 9.
Kleist, Dale, Newark, Ohio, assignor to Owens-Corning Fiberglas Corporation. Apparatus for manufacturing bonded fibrous mats. 2,373,077; Apr. 3.
Kleist, Dale, Newark, Ohio, assignor to Owens-Corning Fiberglas Corporation. Guide for glass and the like fibers. 2,373,078; Apr. 3.
Kleit, Morris W., Teaneck, N. J. Sonant respiration indicator. 2,376,971; May 29.
Klemm, Harry A. R., Rutherford, N. J. Muffler. 2,382,159; Aug. 14.
Klemm, Herman G., Towson, and C. H. Niles, Baltimore, assignors to The Glenn L. Martin Company, Middle River, Md. Apparatus for photographic printing. 2,378,933; June 26.
Klemme, Carl J., Bronxville, and R. Baltzly, New York, assignors to Burroughs Wellcome & Co. (U. S. A.) Inc., New York, N. Y. Mandelic acid ester of n-methylpiperidinol-4. 2,370,114; Feb. 20.
Klemmer, Edward H.: *See*— Fountain, L. L., and Klemmer.
Klemperer, H.: *See* — Dawson, J. W., and Klemperer.
Klemperer, Hans, Belmont, assignor to Raytheon Manufacturing Company, Newton, Mass. Electrical control system. 2,366,197; Jan. 2.
Klemperer, Hans, Belmont, assignor to Raytheon Manufacturing Company, Newton, Mass. Electric control apparatus. 2,375,229; May 8.
Klemperer, Hans, Belmont, assignor to Raytheon Manufacturing Company, Newton, Mass. Voltage regulator. 2,383,492; Aug. 28.
Klemperer, Otto, Iver, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Electron discharge device. 2,367,130; Jan. 9.
Klemperer, Wolfgang B.: *See*— Adams, H. W., and Klemperer.
Klemperer, Wolfgang B., West Los Angeles, Calif. Ranging device. 2,384,098; Sept. 4.
Klemperer, Wolfgang B., Los Angeles, and G. Tharratt, assignors to Douglas Aircraft Company, Inc., Santa Monica, Calif. Gun mounting with periscopic articulated gun sight. 2,366,410; Jan. 2.

Klemperer, Wolfgang B., West Los Angeles, and S. J. Goldberg, Los Angeles, assignors to Douglas Aircraft Company, Inc., Santa Monica, Calif. Torpedo director. 2,384,036; Sept. 4.

Kleven, Samuel L., Augusta, Maine. Shoe sole construction. 2,368,845; Feb. 6.

Kleven, Samuel L., Augusta, Maine. Shoe sole construction. 2,370,905; Mar. 6.

Klick, George C., Fort Lauderdale, Fla. Easel. 2,376,063; May 15.

Klimkiewicz, Rudolph J., assignor, by mesne assignments, to Empire Electric Brake Company, Newark, N. J. Hydraulic brake mechanism. 2,377,699; June 5.

Kline, Bernard L., Manhasset, assignor to The Western Union Telegraph Company, New York, N. Y. Ink. 2,375,230; May 8.

Kline, Bernard L., Manhasset, and C. E. Mobius, Brooklyn, assignors to The Western Union Telegraph Company, New York, N. Y. Conductive papers. 2,374,214; Apr. 24.

Kline, Harry, North Plainfield, N. J., assignor to Bakelite Corporation, New York, N. Y. Plasticized resin compositions. 2,380,599; July 31.

Kline, John E.: *See*—
Connor, K. W., and Kline, assignor.

Kline, John E., Grosse Pointe Farms, assignor to Micromatic Hone Corporation, Detroit, Mich. Method and means for generating helices. 2,378,302; June 12.

Kline, John E., Grosse Pointe Farms, assignor to Micromatic Hone Corporation, Detroit, Mich. Generating helices of varying depth. 2,384,625; Sept. 11.

Kline, John E., Grosse Pointe Farms, assignor to Micromatic Hone Corporation, Detroit, Mich. Adjustable feed for tools. 2,386,901; Oct. 16.

Kline, John E., Grosse Pointe Farms, and C. S. White, Dearborn, assignors to Micromatic Hone Corporation, Detroit, Mich. Device for honing spiral grooves. 2,380,317; July 10.

Kline, Quentin M., Dearborn, Mich. Interest calculator. 2,380,318; July 10.

Kline, William A.: *See*—
Allen, H. D., and Kline.

Kling, Alan L., Newtonville, assignor of one-third to C. F. Laundrey, Needham, and one-third to G. A. Bloom, Newtonville, Mass. Coating compositions. 2,390,887; Dec. 11.

Kling, Alfred G.: *See*—
Jorgenson, J. P., and Kling.

Kling Bros. Engineering Works: *See*—
Jorgenson, J. P., and Kling, assignors.

Kling, Harold A., New Haven, Conn. Practice device for golf putting. 2,383,866; Aug. 28.

Kling, Ralph B., and G. A. Seeley, Baltimore, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Assembling apparatus. 2,374,358; Apr. 24.

Klingaman, George W., Lynnport, Pa., assignor to Radio Corporation of America. Radio frequency coupling network. 2,390,839; Dec. 11.

Klingberg, Elnar G., Long Island City, F. Stadelmann, Valley Stream, and H. R. Freund, assignors to Intertype Corporation, Brooklyn, N. Y. Apparatus for photographic composition. 2,391,021; Dec. 18.

Klingelhoefer, William C.: *See*—
Moyer, W. W., and Klingelhoefer.

Klingen, Leendert, Martinez, assignor to Shell Development Company, San Francisco, Calif. Injector for conduits. 2,386,122; Oct. 2.

Klingensmith, John P., Massillon, assignor to Goodyear Aircraft Corporation, Akron, Ohio. Combined fastener and spacer. 2,368,364; Jan. 30.

Klinglesmith, Henry E., Los Angeles, Calif. Device for polishing locomotive crank pins. 2,382,642; Aug. 14.

Klinker, John J., assignor to A. W. Cash Company, Decatur, Ill. Combustion control. 2,376,701; May 22.

Klinker, John J., assignor to A. W. Cash Company, Decatur, Ill. Combustion regulation. 2,379,008; June 26.

Klinzing, August, Milwaukee, Wis. Burial urn. 2,385,520; Sept. 25.

Klipsch, Paul W., Hope, Ark., assignor of twenty percent to R. L. Smith, Houston, Texas. Loud-speaker. 2,373,692; Apr. 17.

Klomp, Alfred W., assignor to Ex-Cell-O Corporation, Detroit, Mich. Rotary tool head. 2,368,846; Feb. 6.

Kloner, Irving I., Brooklyn, N. Y. Socket support for fluorescent light fixtures. 2,376,363; May 22.

Kloner, Joseph H., Brooklyn, N. Y. Illuminated bubbling ornament. 2,378,934; June 26.

Klopak, Joseph: *See*—
Olson, T. A., and Klopak.

Klopfer, Karl, Zurich-Oerlikon, assignor to the firm Holding Intercito, Zürich, Switzerland. Electrode feeding appliance. 2,380,450; July 31.

Klopp, John H., Middle River, and E. R. Koscera and H. F. Finke, Baltimore, assignors to The Glenn L. Martin Company, Middle River, Md. Boresighting adapter. 2,367,288; Jan. 16.

Klose, Alfred J., Rolling Hills, Calif., assignor, by mesne assignments, to Consolidated Vultee Aircraft Corporation. Airplane aileron system. 2,369,832; Feb. 20.

Klose, Alfred J., Inglewood, Calif., assignor, by mesne assignments, to Consolidated Vultee Aircraft Corporation. Airplane wing structure. 2,370,801; Mar. 6.

Klose, Alfred J., Inglewood, Calif., assignor, by mesne assignments, to Consolidated Vultee Aircraft Corporation. Combination overturn structure and air scoop for airplanes. 2,370,802; Mar. 6.

Kloss, Elmer C., Sharon, Pa., assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Core box. 2,391,715; Dec. 25.

Klosterman, Joseph J., deceased, by M. Klosterman, executrix, assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 2,388,063; Oct. 30.

Klosterman, Mary, executrix: *See*—
Klosterman, Joseph J.

Kluge, Eneval, assignor to Brandtjen & Kluge, Inc., St. Paul, Minn. Printing press. 2,368,365; Jan. 30.

Kluge, Eneval, assignor to Brandtjen & Kluge, Inc., St. Paul, Minn. Platen mounting. 2,390,156; Dec. 4.

Klumb, Carl E., and C. Gruel, West Bend, Wis., assignors to West Bend Equipment Corporation. Lift truck. 2,372,585; Mar. 27.

Klumb, Stanley G., Milwaukee, Wis., Gaseous discharge tube. 2,372,208; Mar. 27.

Klutts, John D.: *See*—
Mooney, Charles F., assignor.

Kmentt, Waldemar D., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Coating shaft articles. 2,388,159; Oct. 30.

Kmiecik, Leo J., assignor to Everett N. McDonnell, Chicago, Ill. Temperature relief valve. 2,389,437; Nov. 20.

Knabe, Martin C.: *See*—
McCloskey, R. F., Jr., and Knabe.

Knagge, Nelson S., Cincinnati, Ohio, assignor to Moore Business Forms, Inc. Hectograph printing ink. 2,382,706; Aug. 14.

Knake, Max C., Washburn, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of aromatic nitrocompounds. 2,380,246; July 10.

Knapp, Andrew S., assignor to Knapp-Monarch Company, St. Louis, Mo. Flask or jug liner. 2,376,064; May 15.

Knapp, Franklin E., Dayton, Ohio. Pump. 2,374,867; May 1.

Knapp, George, Clayton, Mo., assignor to Certain-Teed Products Corporation, New York, N. Y. Process of and apparatus for impregnating webs. 2,367,587; Jan. 16.

Knapp, Kenneth C., Oxford, Kans. Pipe-line reclaimer. 2,386,615; Oct. 9.

Knapp-Monarch Company: *See*—
Huck, Alfred J., assignor.
Knapp, Andrew S., assignor.
Moeller, George L., assignor.
Ward, Lawrence T., assignor.

Knapp, Shepherd, Jenkintown, Pa. Cabinet for foods or the like. 2,388,746; Nov. 13.

Knapp, William A., assignor to General Chemical Company, New York, N. Y. Insecticides and using. 2,385,284; Sept. 18.

Knauer, Berthold, East Norwalk, assignor to Pitney-Bowes Postage Meter Co., Stamford, Conn. Latching device. 2,371,896; Mar. 20.

Knebel, Ernst J. B., Upsala, Sweden. Manufacture of vinegar. 2,390,717; Dec. 11.

Kneibler, Arthur R., assignor to Cooper's, Incorporated, Kenosha, Wis. Undergarment. 2,385,995; Oct. 2.

Knecht, C. L., et al.: *See*—
Wood, Oliver W., assignor.

Kneisley Electric Company: *See*—
Kneisley, R. F., and Hawley, assignors.

Kneisley, Richard F., and F. S. Hawley, Toledo, Ohio, assignor to Kneisley Electric Company. Electronic fence circuit control. 2,390,946; Dec. 11.

Kneissler, Walter, Roselle, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Automatically adjustable edge guide for sewing machines. 2,370,547; Feb. 27.

Knepflar, John C.: *See*—
Alling, E. Roy, and Knepflar.

Knibbe, Klaas: *See*—
Tjaarda, J., and Knibbe.

Knick, Ulrich, Berlin-Zehlendorf-West, Germany; vested in the Alien Property Custodian. Compensating arrangement for television tubes. 2,371,897; Mar. 20.

Kniel, Ludwig, Jackson Heights, assignor to The Lummus Company, New York, N. Y. Alkylation. 2,382,067; Aug. 14.

Knies, Daniel, Bexley, Ohio, assignor to The Jeffrey Manufacturing Company. Conveyer. 2,384,179; Sept. 4.

Knight, Arthur H.: *See*—
Heywood, B. J., Knight, and Lapworth.

Knight, Arthur H., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Monoazo dyestuffs. 2,384,749; Sept. 11.

Knight, Arthur H., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Monoazo dyestuffs. 2,384,755; Sept. 11.

Knight, Arthur H., and W. E. Stephen, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Monoazo dyestuffs. 2,373,693; Apr. 17.

Knight, Arthur H., and W. E. Stephen, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Monoazo dyestuffs. 2,374,158; Apr. 17.

Knight, Arthur H., and W. E. Stephen, Blackley, England, assignors to Imperial Chemical Industries Limited. Monoazo acid dyestuffs. 2,384,750; Sept. 11.

Knight, Arthur H., and W. E. Stephen, Blackley, England, assignors to Imperial Chemical Industries Limited. Monoazo acid dyestuffs. 2,384,751; Sept. 11.

Knight, Arthur H., and W. E. Stephen, Blackley, England, assignors to Imperial Chemical Industries Limited. Monoazo dyestuffs. 2,384,752; Sept. 11.

Knight, Arthur H., and W. E. Stephen, Blackley, England, assignors to Imperial Chemical Industries Limited. Monoazo dyestuffs. 2,384,753; Sept. 11.

Knight, Arthur H., and W. E. Stephen, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Monoazo dyestuffs. 2,384,754; Sept. 11.

Knight Bros.: *See*—
Kurillo, Max, assignor.

Knight, Clarence F., McGrann, Pa. Bark removing machine. 2,379,581; July 3.

Knight, Claude L.: *See*—
Wormell, Robert L., and Knight.

Knight, Cosler D., Chicago, Ill., assignor to Zenith Radio Corporation. Frequency response control. 2,390,794; Dec. 11.

Knight, Edward, Nitro, W. Va., assignor to American Viscose Corporation, Wilmington, Del. Apparatus for the liquid treatment of fibrous material. 2,391,096; Dec. 18.

Knight, Frank H., Cranston, R. I., and R. T. Watts, New York, N. Y., said Watts assignor to said Knight. Union. 2,391,632; Dec. 25.

Knight, Gordon Y., Huntington, Ind. Spike puller. 2,378,303; June 12.

Knight, Ira W., assignor to Grinnell Corporation, Providence, R. I. Sprinkler releasing means. 2,374,686; May 1.

Knight Leather Products Co., Inc.: *See*—
Renz, Emil C., assignor.

Knight, Milton, Maumee, R. W. Wampler and W. J. Arner, assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Transparent closure. 2,375,369; May 8.

Knight, Milton, Maumee, and C. D. Lowry, assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Transparent closure. 2,388,786; Nov. 13.

Knight, Newland D., Mobile, Ala. Shotgun shell and tracer unit. 2,368,029; Jan. 23.

Knights, James, Company, The: *See*—
Faber, Leon A., assignor.

Knipp, Joseph P., Long Beach, Calif. Signaling device. 2,371,526; Mar. 13.

Knitter, Elmer T., Redwood City, Calif. Razor blade sharpener. 2,381,669; Aug. 7.

Knoblock, Frederick D., Birmingham, assignor, by mesne assignments, to Patent Developers, Inc., Detroit, Mich. Differential mechanism. 2,385,864; Oct. 2.

Knochel, Edward S., and J. J. Pasela, Baltimore, assignors to The Glenn L. Martin Company, Middle River, Md. Cable clamp. 2,372,962; Apr. 3.

Knoizen, Arthur S., Franklin, Pa., and J. F. Joy, Washington, D. C., assignors to Joy Manufacturing Company. Loading machine. 2,367,784; Jan. 23.

Knott, Clyde L., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Trimming machine. 2,379,968; July 10.

Knott, Edward B., Wealdstone, England, assignor to Eastman Kodak Company, Rochester, N. Y. Retardation of diffusion of sensitizing dyes. 2,367,508; Jan. 16.

Knott, Edward B., Wealdstone, Harrow, England, assignor to Eastman Kodak Company, Rochester, N. Y. Photographic materials. 2,369,469; Feb. 13.

Knowles, Edwin F., and C. M. De Witt, Phoenix, Ariz., assignors of two-thirds to said Knowles and one-third to said De Witt. Merchandise storage and dispensing rack. 2,372,500; Mar. 27.

Knowles, Frank W., Seattle, Wash. Ice rink floor. 2,371,396; Mar. 13.

Knowles, Frank W., assignor to Beltice Corporation, Seattle, Wash. Freezing food. 2,385,140; Sept. 18.

Knowles, Hugh S., assignor to J. K. Knowles, River Forest, Ill. Training apparatus. 2,375,004; May 1.

Knowles, John O., Colwyn Bay, M. N. Humphreys, Llandudno, North Wales, and J. S. Davies, assignors to Brookhirst Switchgear Limited, Chester, England. Electromagnetically operated device. 2,373,479; Apr. 10.

Knowles, Josephine K.: *See*—
Knowles, Hugh S., assignor.

Knowles, Raymond L.: *See*—
Colton, H. S., Knowles, and Frischmuth.

Knowles, Silvy H., Oklahoma City, Okla. Turnbuckle tool. 2,390,310; Dec. 4.

Knowlton, Clarence S., Springfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. High and low voltage detector. 2,367,509; Jan. 16.

Knowlton, Cutler D., Rockport, assignor, by mesne assignments, to Hoague-Sprague Corporation, Lynn, Mass. Box-making apparatus. 2,381,961; Aug. 14.

Knowlton, Cutler D., Rockport, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Method of and machine for attaching soles. 2,386,902; Oct. 16.

Knowlton, Cutler D., Rockport, and D. Edgar, Lynn, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J. Machine for treating hides, skins, and leather. Re. 22,649; June 5.

Knowlton, Eben: *See*—
Norden, Axel G., assignor.

Knox, Arthur L., and F. Kahl, Fort Wayne, Ind., assignors to Farnsworth Television and Radio Corporation. Pickup arm mounting. 2,366,858; Jan. 9.

Knox, Arthur L., and F. Kahl, Fort Wayne, Ind., assignors to Farnsworth Television and Radio Corporation. Pickup arm control. 2,387,916; Oct. 30.

Knox, David M., assignor to American Car and Foundry Company, New York, N. Y. Lubricated plug valve. 2,373,964; Apr. 17.

Knox, David M., assignor to American Car and Foundry Company, New York, N. Y. Lubricated plug valve. 2,373,965; Apr. 17.

Knox, Harry A., Washington, D. C. Hydraulic check. 2,367,220; Jan. 16.

Knox, Harry A., Washington, D. C. Bearing. 2,380,971; Aug. 7.

Knox, Harry A., Washington, D. C. Track shoe. 2,389,156; Nov. 20.

Knox, Harry A., Washington, D. C. Track shoe. 2,389,438; Nov. 20.

Knox, Harry A., Washington, D. C., and B. F. Baker, Riverdale, Md. Power transmission apparatus for track-laying vehicles. 2,389,624; Nov. 27.

Knox, Harry A., Washington, D. C. Track shoe. 2,390,542; Dec. 11.

Knox, James J., Avenel, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Vitrifiable flux and bonding composition containing same. 2,385,580; Sept. 25.

Knox, Julia S. M., assignor of one-half to L. R. Temple, Richmond, Va. Surgical cot. 2,374,488; Apr. 24.

Knox, William T., Jr.: *See*—
Hibshman, H. J., and Knox.

Knuckey Truck Company: *See*—
Brumbaugh, Andrew K., assignor.

Knudsen, Arthur K., Oak Park, and A. V. Sampsel, Spring Valley, Ill., assignors to Sears, Roebuck and Co. Coke-tree breaker. 2,370,175; Feb. 27.

Knudsen, Knud J., Warren, Ohio. Electrical ratio meter. 2,391,168; Dec. 18.

Knudsen, Percy E., Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Container for corrosive substances. 2,384,099; Sept. 4.

Knudsen, Percy E., Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Glass-lined containers for corrosive substances. 2,385,924; Oct. 2.

Knudsen, Percy E., and L. G. Diera, Pittsburgh, Pa., assignors to Pittsburgh Plate Glass Company. Drain structure. 2,381,500; Aug. 7.

Knudsen, Richard R., Chicago, Ill. Protractor. 2,384,100; Sept. 4.

Knudsen, Valdemar: *See*—
McLemore, P. C., and Knudsen.

Knudson, Carl T., Blue Earth, Minn. Carton or box opener. 2,391,247; Dec. 18.

Knutson, Amos T., and E. F. Graves, Midland, Mich., assignors to The Luhri-Zol Corporation, Wickliffe, Ohio. Lubrication. 2,387,999; Oct. 30.

Knutzen, Max T., assignor to The John Bertram & Sons Co. Limited, Dundas, Ontario, Canada. Control means for power operated machinery. 2,378,304; June 12.

Knutzen, Max T., assignor to The John Bertram & Sons Co. Limited, Dundas, Ontario, Canada. Fluid control valve. 2,381,501; Aug. 7.

Kobe, Inc.: *See*—
Mestas, Ricardo, assignor.

Koberlein, Louis F.: *See*—
Conrad, K. F., and Koberlein.

Kobler, Paul, Lynbrook, N. Y. Copyholder. 2,369,241; Feb. 13.

Kobler, Victor and W., Zurich, Switzerland. Dry-shaving apparatus. 2,379,969; July 10.

Kobler, Werner: *See*—
Kobler, Victor and W.

Koblizk, Kurt, Berlin, Germany; vested in the Alien Property Custodian. Car body. 2,369,579; Feb. 13.

Koch Butchers' Supply Company: *See*—
Grant, Joseph L., assignor.

Koch, Edward L., Williston Park, assignor to George W. Gates & Co., Inc., Long Island, N. Y. Ultraviolet lamp. 2,382,939; Aug. 14.

Koch, George J.: *See*—
MacNeille, S. M., and Koch.

Koch, George J., assignor to Eastman Kodak Company, Rochester, N. Y. Stereoscopic acuity testing device. 2,391,248; Dec. 18.

Koch, George J., and R. P. Leavitt, assignors to Eastman Kodak Company, Rochester, N. Y. Matrix guide. 2,384,626; Sept. 11.

Koch, Harry O., Wichita, Kans. Line snatch. 2,370,358; Feb. 27.

Koch, Harry O., Wichita, Kans. Egg decapper. 2,391,109; Dec. 18.

Koch, Heinrich: *See*—
Von Freyberg, H., and Koch.

Koch, Henry, Jamaica, assignor to Dictograph Products Company, Inc., New York, N. Y. Bone conduction audiphone. Re. 22,658; Aug. 7.

Koch, Henry C., Chicago, Ill., assignor to Manufacturers Specialty Company. Building siding material. 2,382,234; Aug. 14.

Koch, Herman G.: *See*—
Leistensnider, G. P., and Koch.

Koch, Louis A., Louisville, Ky. Manufacturing automobile exhaust extension. 2,370,737; Mar. 6.

Koch, Paul F., Chicago, Ill., assignor to Chicago Die Casting Manufacturing Company. Nonchattering motor base. 2,370,048; Feb. 20.

Koch, Stanley J., Clifton, and R. E. Rutherford, Rutherford, assignors to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Cathode ray tube plate assembly. 2,372,901; Apr. 3.

Koch, Stanley J., Clifton, and J. H. Robillard, East Orange, assignors to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Centering device for electron guns. 2,379,488; July 3.

Koch, William F., Detroit, Mich. Production of unsaturated bodies from hexose oxidation products. 2,382,425; Aug. 14.

Koch, William W., assignor to Hercules Powder Company, Wilmington, Del. Plastic composition. 2,389,370; Nov. 20.

Koch, Winfield R., Haddonfield, N. J., assignor to Radio Corporation of America. Wave frequency monitor. 2,366,628; Jan. 2.

Koch, Winfield R., Haddonfield, N. J., assignor to Radio Corporation of America. Volume control. 2,367,357; Jan. 16.

Koch, Winfield R., Haddonfield, N. J., assignor to Radio Corporation of America. Frequency modulation receiver tuning aid. 2,371,397; Mar. 13.

Koch, Winfield R., Haddonfield, N. J., assignor to Radio Corporation of America. Receiver fidelity control system. 2,379,720; July 3.

Koch, Winfield R., Haddonfield, N. J., assignor to Radio Corporation of America. Frequency modulation receiving system. 2,379,721; July 3.

Koch, Winfield R., Haddonfield, N. J., assignor to Radio Corporation of America. Multiband receiver with band spread. 2,383,322; Aug. 21.

Koch, Winfield R., Haddonfield, N. J., assignor to Radio Corporation of America. Power output amplifier circuit. 2,383,867; Aug. 28.

Koch, Winfield R., Haddonfield, N. J., assignor to Radio Corporation of America. Permeability tuning system. 2,389,986; Nov. 27.

Kocher, Edward H., Boonton, N. J., assignor to Auto Research Corporation. Lubrication. 2,382,426; Aug. 14.

Koci, Ludvik J., assignor to Chicago Flexible Shaft Company, Chicago, Ill. Compensating thermostat. 2,390,947; Dec. 11.

Koci, Ludvik J., Chicago, Ill., assignor to Chicago Flexible Shaft Company. Compensating thermostat. 2,390,948; Dec. 11.

Kodama, George: *See*—
Ehlers, G. M., Coldwell, and Kodama.

Koebel, Charles J., Grosse Pointe, assignor to Koebel Diamond Tool Company, Detroit, Mich. Disk diamond dressing tool. 2,380,451; July 31.

Koebel Diamond Tool Company: *See*—
Koebel, Charles J., assignor.

Koebel, Joseph H., Rock Island, Ill. Safety window screen and door lock. 2,379,970; July 10.

Koehler, Arthur F., Yuma, Ariz. Magazine for riveting machines. 2,368,847: Feb. 6.

Koehler, Conrad, Erskine, Minn. Quack grass digging apparatus. 2,384,685; Sept. 11.

Koehler, Otto A., San Antonio, Tex. Plastic bottle cap. 2,372,725; Apr. 3.

Koehler, William, Cleveland Heights, Ohio. Fire extinguisher. 2,385,449; Sept. 25.

Koehn, Nathaniel, Berkeley, Calif. Blow gun. 2,369,356; Feb. 13.

Koehring Company: *See*—
Beckwith, Raymond A., assignor.
Lichtenberg, Erich H., assignor.
Poulter, John W., assignor.

Koeln, Carl C., St. Louis County, Mo. Removable drilling bit. Re. 22,690; Nov. 6.

Koen, Lee O.: *See*—
Bowling, Leonard C., assignor.

Koenig, Charles L., Syracuse, assignor to The Solvay Process Company, New York, N. Y. Manufacture of sodium hydrosulphides. 2,376,434; May 22.

Koenig, Edward L., Wilmette, Ill. Chair. 2,369,580; Feb. 13.

Koenig, Herold L., Maple Heights, W. C. Billheimer, Euclid, and H. T. Havlick, Erieside, assignors to Willard Storage Battery Company, Cleveland, Ohio. Post seal for battery containers. 2,387,590; Oct. 23.

Koenig, Werner, Lucerne, Switzerland, assignor to Landis & Gyr, A. G. Remote-control plant. 2,380,766; July 31.

Koerber, Walter L.: *See*—
Bunney, W. E., and Koerber.

Koester, Norman C., Lancaster, H. A. Bensel, Marilla, and R. D. Ledwin, assignors to Scott Aviation Corporation, Lancaster, N. Y. Swivel wheel mounting. 2,366,268; Jan. 2.

Koether, Emil A., Baltimore, Md., assignor by mesne assignments to Koppers Company, Inc. Piston ring. 2,380,767; July 31.

Koett, Albert C., assignor to The Kett Tool Company, Cincinnati, Ohio. Chuck. 2,372,006; Mar. 20.

Kohl, William R., Glenview, Ill. Window-shield. 2,383,132; Aug. 21.

Kohl, William R., Glenview, Ill. Garment bag rack and bagger. 2,385,996; Oct. 2.

Kohler, Cullie R., et al.: *See*—
Kohler, Joseph H., assignor.

Kohler, Gladys, et al.: *See*—
Kohler, Joseph H., assignor.

Kohler, Harriet S., Westport, Conn. Maternity garment. 2,370,049; Feb. 20.

Kohler, Henry F., Baytown, Tex., assignor to Standard Oil Development Company. Separation of mono- and di-alkyl esters of sulphuric acid. 2,380,532; July 31.

Kohler, John, Hartford, Conn., assignor to M. Swift & Sons, Inc. Printing medium. 2,372,209; Mar. 27.

Kohler, Joseph H., deceased, Calumet City, Ill.; Mercantile Bank, administrator, assignor of two-thirds to G. Kohler and one-third to C. R. Kohler, Hammond, Ind. Seal. 2,366,629; Jan. 2.

Köhler, Peter R. M. M., Stockholm, Sweden. Evaporator for absorption refrigerating apparatus. 2,384,313; Sept. 4.

Kohlhaas, John V., Philadelphia, Pa. Concrete floor construction. 2,377,944; June 12.

Kohl-Stilwell Engineers: *See*—
Reinhard, Gustav A., assignor.

Kohman, Girard T., Summit, and C. H. Prescott, Jr., Boonton, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Distillation method and apparatus. 2,368,665; Feb. 6.

Kohn, Koby, New York, N. Y., assignor to A. F. Hubbard, Tipp City, Ohio. Method of and apparatus for signaling. 2,389,786; Nov. 27.

Kohnle, Frederick, assignor to The Monarch Marking System Company, Dayton, Ohio. Type chase. 2,373,966; Apr. 17.

Kohnle, Frederick, assignor to The Monarch Marking System Company, Dayton, Ohio. Type chase. 2,373,967; Apr. 17.

Kohorn, Oscar, & Co. Ltd.: *See*—
Pollak, Fritz, assignor.

Kohout, George A., Chicago, Ill. Furnace grate. 2,380,452; July 31.

Kohr, Thorvald A. P. Thronsen, assignor to Logan Engineering Co., Chicago, Ill. Ball gear lock. 2,368,584; Jan. 30.

Kokoska, John F., Cicero, Ill. Parachute. 2,377,502; June 5.

Kolar, Stanislav M., Chicago, and A. G. Sternberg, Glen Ellyn, assignors to Allied Finishing Specialties Co., Chicago, Ill. Coating material. 2,374,603; Apr. 24.

Kolarik, Frank, Cicero, Ill. Automobile window screen. 2,388,747; Nov. 13.

Kolb, Emile, La Plaine Saint-Denis, France; vested in the Alien Property Custodian. Quinoline salts as insecticides. 2,387,591; Oct. 23.

Kolb, John W., De Kalb, Tex. Antiglare headlight. 2,380,849; July 31.

Kolb, Norman C.: *See*—
Gage, W. H., and Kolb.

Kollas, Christ E., Chicago, Ill. Automobile theft indicator and hood lock. 2,385,285; Sept. 18.

Kollath, Francis C., Chicago, Ill. Electric soldering iron. 2,366,910; Jan. 9.

Kollenberg, Conrad H., Goose Creek, Tex., assignor to Standard Oil Development Company. Catalytic cracking process. 2,382,724; Aug. 14.

Koller, Peter B., Jr., assignor to Buffalo Jewelry Case Company, Inc., Buffalo, N. Y. Jewelry box. 2,380,062; July 10.

Kollman, Charles F., Fort Wayne, Ind. Merchandise display appliance. 2,367,289; Jan. 16.

Kollman, Jack, Chicago, Ill., assignor to Ekco Products Company. Multiple pan set. 2,377,015; May 29.

Kollmeyer, Margaret A., Milwaukee, Wis. Fountain brush. 2,385,865; Oct. 2.

Kolodny, Charles, Baltimore, Md. Card table. 2,387,030; Oct. 16.

Komeda, Jean, Schaerbeek-Brussels, Belgium; vested in the Alien Property Custodian. Increasing the efficiency of insect destroying drug extracts. 2,376,702; May 22.

Komel Corporation, The: *See*—
Gaver, Kenneth M., assignor.

Komenak, Albert J., assignor to The Excelsior Hardware Company, Stamford, Conn. Lockable hasp fastener. 2,374,687; May 1.

Komenda, Erwin, Stuttgart-Korntal, Germany; vested in the Alien Property Custodian. Vehicle body construction. 2,388,419; Nov. 6.

Komives, Laszlo I., J. W. Courtis, D. E. F. Thomas, Detroit, Mich., assignors, by mesne assignments, to International Standard Electric Corporation, N. Y. Polymerized cable blocks. 2,391,055; Dec. 18.

Konaszewski, Stanley: *See*—
Hall, Roy M., assignor.

Konfektionsaktiebolaget, Viking: *See*—
Fridlund, Y. A., and Hedman, assignors.

Konikoff, Robert H.: *See*—
Kind, Rudolf K., assignor.

Konikoff, Robert H., assignor to J. Cohen, L. Passloff, O. Schneebalg, and D. Weinberg, New York, N. Y., copartners doing business under the firm name of American Lambskin Products. Machine for cutting skins. 2,385,712; Sept. 25.

Koniuszy, Frank R.: *See*—
Folkers, K., and Koniuszy.

Konrad, William L., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for communication systems. 2,385,211; Sept. 18.

Konrad, William L., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for communication systems. 2,385,212; Sept. 18.

Konrad, William L., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for communication systems. 2,389,987; Nov. 27.

Konsel, John, Masapequa, N. Y. Razor blade sharpener and adjustable mirror. 2,366,338; Jan. 2.

Kooiker, Ralph L., Hull, Iowa. Portable truck grain elevator. 2,388,921; Nov. 13.

Kooistra, Lambert, Akron, Ohio, assignor to The Babcock & Wilcox Company, Newark, N. J. Fluid atomizer. 2,372,283; Mar. 27.

Koon, Archie W., assignor to Columbian Rope Company, Auburn, N. Y. Moldable plastics composition and preparing same. 2,372,433; Mar. 27.

Koonz, John C.: *See*—
Quinell, L. E., and Koonz.
Quinnell, La V., and Koonz.

Koonz, John C., and L. E. Quinnell, assignors, by mesne assignments, to The Magnavox Company, Fort Wayne, Ind. Solenoid firing mechanism for machine guns. 2,368,307; Jan. 30.

Kooperativa Forbundet Forening, U. P. A.: *See*—
Dahlberg, T. O. R., and Vigborg, assignors.

Kooperativa Förbundet Förening U. P. A.: *See*—
Johnsson, Thure A., assignor.

Kooyman, Adrianus A., Chicago, Ill., assignor to International Harvester Company. Lid construction. 2,368,146; Jan. 30.

Kopetzky, Karl A., Chicago, Ill. Remote radio control. 2,388,748; Nov. 13.

Kopf, Robert Y., assignor of one-half to Hammond Iron Works, Warren, Pa., and one-half to K. C. Fulton and H. F. Pierce, Titusville, Pa. Oil filter. 2,391,318; Dec. 18.

Koplin, Harry, A. R. Slate, and D. A. Haunost, assignors to Zephyr Laundry Machinery Company, Chicago, Ill. Centerless grinder. 2,375,306; May 8.

Kopp, Carl J., assignor to Federal Electric Company, Inc., Chicago, Ill. Automatic control or indicator. 2,380,972; Aug. 7.

Kopp, Carl J., assignor to Federal Electric Company, Inc., Chicago, Ill. Control for fluid operated motors. 2,380,973; Aug. 7.

Kopp, Carl J., assignor to Federal Electric Company, Inc., Chicago, Ill. Fluid control valve. 2,380,974; Aug. 7.

Kopp, Carl J., assignor to Federal Electric Company, Inc., Chicago, Ill. Automatic control for fluid operated pistons. 2,380,975; Aug. 7.

Kopp, Rudolph J., Sandusky, Ohio. Automobile license stamp holder. 2,368,991; Feb. 6.

Koppel, Charles, Robbinsville, N. J. Knitting machine of a cylinder type. 2,368,224; Jan. 30.

Koppel, Ernst R., assignor to A. O. Smith Corporation, Milwaukee, Wis. Two-stage water heater. 2,374,757; May 1.

Koppel, Ernst R., assignor to A. O. Smith Corporation, Milwaukee, Wis. Connection for containers. 2,382,489; Aug. 14.

Koppel, Ernst R., Wauwatosa, assignor to A. O. Smith Corporation, Milwaukee, Wis. Safety pilot for gas heaters. 2,364,314; Sept. 4.

Koppel, Ernst R., assignor to A. O. Smith Corporation, Milwaukee, Wis. Hot-water storage heater. 2,385,450; Sept. 25.

Koppel, William M., Pawtucket, R. I. Closing die. 2,379,088; June 26.

Koppelman, Edward, North Hollywood, Calif. Windshield wiper motor. 2,385,084; Sept. 18.

Koppelmann, Floris, and W. Leukert, Berlin-Siemensstadt, Germany; vested in the Alien Property Custodian. Commutator device. 2,378,561; June 19.

Koppenhoefer, Robert M., Jackson Heights, assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Emulsified petroleum products. 2,387,157; Oct. 16.

Koppers Company, Inc.: *See*—
Becker, Joseph, assignor.
Gollmar, Herbert A., assignor.
Gollmar, H. A., and Meredith, assignors.
Hill, William H., assignor.
Koether, Emil A., assignor.
Lohr, F. D., and McGurl, assignors.
Morton, Allen W., assignor.
Seymour, William, assignor.
Shaffer, C. E., and Fisher, assignors.
Shaw, Joseph A., assignor.
Stewart, Hubert L., assignor.
Totzek, Friedrich, assignor.
Van Ackeren, assignor.
Van der Hoeven, B. J. C., and Unroe, assignors.

Koppinger, Nicholas G., St. Clair Shores, assignor to Briggs Manufacturing Company, Detroit, Mich. Surface ornamenting machine. 2,370,317; Feb. 27.

Koppl, Ernest, Huntington Beach, and F. W. Harris, assignors to Patco, Inc., Los Angeles, Calif. Rotary underreamer. 2,382,725; Aug. 14.

Kopplin, Karl J., Normandy, assignor to F. Burkart Manufacturing Company, St. Louis, Mo. Smooth surface fibrous article. 2,373,033; Apr. 3.

Kopplin, Karl J., Normandy, assignor to F. Burkart Manufacturing Company, St. Louis, Mo. Making fiber-body articles. 2,378,642; June 19.

Kopplin, William E., assignor to Crane Packing Company, Chicago, Ill. Removing fins from molded products. 2,380,653; July 31.

Korb, Ernest L., Woodstown, N. J., and J. R. Sabina, Media, Pa. assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilized solutions of copper mercaptides. 2,380,976; Aug. 7.

Korber, Hans, Couvet, assignor to Edouard Dubied & Cie. Société Anonyme, Neuchâtel, Switzerland. Production of regular goods in flat knitting machines. 2,374,758; May 1.

Korb-Pettit Wire Fabrics & Iron Works, Inc.: *See*—
Kleintop, Harold E., assignor.

Kordes, Paul J., Milwaukee, Wis. Skidway dolly. 2,370,548; Feb. 27.

Koren, Heiman W., Bronx, assignor to Sonotone Corporation, Elmsford, N. Y. Attenuator. 2,390,840; Dec. 11.

Korenyi, Andrew J., assignor to Blade Master, Incorporated, New York, N. Y. Testing apparatus. 2,374,215; Apr. 24.

Korevec, Edward A., assignor of one-half to L. M. Herkert, Joliet, Ill. Indicating device. 2,374,439; Apr. 24.

Korling, Torkel, Chicago, Ill., assignor to The Folmer Graflex Corporation, Rochester, N. Y. All-metal folding camera stand. 2,374,021; Apr. 17.

Korman, Harry: *See*—
Kaufman, A., and Korman.

Korn, Arthur, Hoboken, N. J., J. W. Hess, and S. L. Ruskin, New York, N. Y. Automatically operated object-locating system. 2,391,633; Dec. 25.

Korn, Harry, Los Angeles, Calif. Self-wiping electric plug connector. 2,391,425; Dec. 25.

Kornel, Otto, Cleveland Heights, assignor to The Brush Development Company, Cleveland, Ohio. Measuring time intervals. 2,370,176; Feb. 27.

Korneke, Paul B., Scotia, N. Y., assignor to General Electric Company. Electric switch. 2,383,805; Aug. 28.

Kornreich, Harry, et al.: *See*—
Pletman, Harry, assignor.

Korpi, Karl J.: *See*—
Coghlan, C. A., and Korpi.

Korte, Alfred C., St. Louis, and K. Lannert, St. Johns Station, assignors to Carter Carburetor Corporation, St. Louis, Mo. Control for electric fuel pumps. 2,370,249; Feb. 27.

Korte, Clem H., La Canada, Calif. Collapsible chair. 2,388,552; Nov. 6.

Korte, Helmuth, W. Waibel, and J. Metzger, Frankfort-on-the-Main, Germany; vested in the Alien Property Custodian. Apparatus for the chlorination of bast fibers. 2,382,726; Aug. 14.

Korum, Henry E., assignor to Deere & Company, Moline, Ill. Hammer mill. 2,379,360; June 26.

Kosar, John G.: *See*—
Stover, H. E., and Kosar.

Kosaroczy, Karol, Bridgeport, Conn. Work holder and vise. 2,369,901; Feb. 20.

Kosatka, Thomas O., assignor to Victor Manufacturing & Gasket Company, Chicago, Ill. Fluid seal. 2,367,403; Jan. 16.

Koscera, Ernest R.: *See*—
Klopp, H. H., Koscera, and Finke.

Kosche, Erich: *See*—
Möller, R., and Kosche.

Kosolapoff, Gennady M., Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Amidophosphates. 2,385,713; Sept. 25.

Kosolapoff, Gennady M., Dayton, Ohio, assignor to Monsanto Chemical Company. Esters of diolefinic phosphonic acids. 2,389,576; Nov. 20.

Kost, Alwin, Portland, Oreg. Motor vehicle steering stabilizer. 2,373,834; Apr. 17.

Kost, Harold W., Birmingham, assignor to Detroit Harvester Company, Detroit, Mich. Forming fastening devices. 2,383,133; Aug. 21.

Kostenick, Paul G., Scobey, Mont. Variable speed governor. 2,369,397; Feb. 13.

Köster, Heinrich: *See*—
Serini, A., Köster, and Strassberger.

Kostick, Walter A.: *See*—
Hall, Edward F., assignor.

Kostka, Frank, Buffalo, N. Y. Piano accordion. 2,385,286; Sept. 18.

Kotowicz, Stefan, Chicago, Ill. Peening hammer. 2,390,795; Dec. 11.

Kott, Hermann, West Orange, N. J., assignor to Fish-Schurman Corporation, New York, N. Y. Abrasive composition of matter and forming same. 2,367,404; Jan. 16.

Kott, Hermann, West Orange, N. J., assignor to Fish-Schurman Corporation, New York, N. Y. Abrasive composition and forming same. 2,367,405; Jan. 16.

Kott, Hermann, West Orange, N. J., assignor to Fish-Schurman Corporation, New York, N. Y. Metallic abrasive composition of matter. 2,367,406; Jan. 16.
Kott, Hermann, West Orange, N. J., assignor to Fish-Schurman Corporation, New York, N. Y. Abrasive bonding alloy. 2,367,407; Jan. 16.
Kott, Hermann, West Orange, N. J., assignor to Alco-Gravure Division of Publication Corporation, New York, N. Y. Exposure meter. 2,386,320; Oct. 9.
Kott, Hermann, West Orange, N. J., and M. Yawitz, assignors to Fish-Schurman Corporation, New York, N. Y. Abrasive compositions and forming same. 2,367,358; Jan. 16.
Kott, John, Portland, Oreg. Bracket for roof boards. 2,388,420; Nov. 6.
Kottemann, Otto A., assignor to W. D. Dodenhoff, Greenville, S. C. Loom picker and joint structure therefor. 2,389,157; Nov. 20.
Kotterman, Chester A., Livingston, N. J., assignor to Federal Telephone and Radio Corporation. Metal plate rectifier. 2,378,411; June 19.
Kotterman, Chester A., Livingston, N. J., assignor to Federal Telephone & Radio Corporation. Rectifier electrode connection assembly. 2,386,218; Oct. 9.
Kottman, Arthur A., Davenport, Iowa, assignor, by mesne assignments, to The Bettendorf Company. Slicing machine. 2,375,231; May 8.
Kottmann, Arthur A., Davenport, Iowa, assignor, by mesne assignments, to The Bettendorf Company. Article handling apparatus. 2,379,911; July 10.
Koulicovitch, Maurice, assignor to Societe Genevoise D'Instruments de Physique, Geneva, Switzerland. Electric device for signaling the position of a movable mark. 2,375,665; May 8.
Koupal, Robert J., assignor to Infilco Incorporated, Chicago, Ill. Filter. 2,391,716; Dec. 25.
Kouvalilis, Theodore P., Chicago, Ill. Electric heater. 2,380,180; July 10.
Kouyoumjian, Haroutiun K., Wakefield, R. I., assignor to Ward Leonard Electric Company. Electromagnet and relay. 2,377,244; May 29.
Kovacs, Frank, Akron, Ohio, assignor to Selberling Rubber Company, Barberton, Ohio. Manufacturnig tires. 2,382,068; Aug. 14.
Kovacs, Frank, Akron, assignor to Selberling Rubber Company, Barberton, Ohio. Apparatus for manufacturing tires. 2,382,069; Aug. 14.
Kovalsky, Joseph F., Turtle Creek, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Time delay relay system. 2,376,784; May 22.
Kovalsky, Joseph F., Turtle Creek, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Regulating apparatus. 2,390,796; Dec. 11.
Kovitz, Pearl B., assignor of one-half to S. J. Goldfarb, New York, N. Y. Lady's garment. 2,378,088; June 12.
Koza, Charles A., Pittsburgh, Pa., assignor to L. M. Koza, Rochester, N. Y. Device for applying and removing nuts. 2,366,859; Jan. 9.
Koza, Charles A., Pittsburgh, Pa., assignor to Laura M. Koza, Rochester, N. Y. Angle drive for tools or the like. 2,370,906; Mar. 6.
Koza, Laura M.: *See*—
Koza, Charles A., assignor.
Kozanowski, Henry N., Collingswood, N. J., assignor to Radio Corporation of America. Coaxial load resistor for ultra high frequency measurements. 2,387,158; Oct. 16.
Kracklauer, Aloysius C., assignor to Sparkler Manufacturing Company, Mundelein, Ill. Filter. 2,379,582; July 3.
Kradel, Fred L.: *See*—
Heberlein, G. E., and Kradel.
Kraft Cheese Company: *See*—
Link, Oscar J., assignor.
Palmer, Frank D., assignor.
Ray, Don and C., assignors.
Kraft, Guillermo E. C., assignor to Guillermo Kraft Limitada Sociadad Anonima de Impresiones Generales, Buenos Aires, Argentina. Mount for rotary card index boxes and filing cabinets. 2,370,474; Feb. 27.
Kraft, Herman T., assignor to The General Tire & Rubber Company, Akron, Ohio. Rubber articulated joint. 2,366,860; Jan. 9.
Kraft, Herman T., assignor to The General Tire & Rubber Company, Akron, Ohio. Apparatus for retreading tires. 2,370,972; Mar. 6.
Kraft, Herman T., assignor to The General Tire & Rubber Company, Akron, Ohio. Frictional clutching device. 2,382,570; Aug. 14.
Kraft, Herman T., assignor to The General Tire & Rubber Company, Akron, Ohio. Brake or clutch. 2,386,477; Oct. 9.
Kraft, Herman T., assignor to The General Tire & Rubber Company, Akron, Ohio. Torque transmitting connection. 2,386,478; Oct. 9.
Kraft, Herman T., and F. H. Comey, assignors to The General Tire & Rubber Company, Akron, Ohio. Pneumatic tire. 2,388,421; Nov. 6.
Kraft, Mable A., Chicago, Ill. Shield display. 2,378,935; June 26.
Kraft, Selmer A.: *See*—
Johnson, A. L., and Kraft.
Kraft, Wheaton W., Scarsdale, assignor to The Lummus Company, New York, N. Y. Hydrocarbon fractionation. 2,376,923; May 29.
Krag, Franz K., Chicago, Ill. Can opener. 2,388,615; Nov. 6.
Kramer, Albert J.: *See*—
Flynn, T. P., and Kramer.
Kramer, Andrew A.: *See*—
Clements, Ernest W., assignor.
Kramer, Arthur G.: *See*—
Spurlino, P., Placke, Elckman, and Kramer.
Kramer, Clarence F., Birmingham, assignor to Ford Motor Company, Dearborn, Mich. Receptacle and closure. 2,372,381; Mar. 27.
Kramer, Clarence F., Birmingham, and H. F. Cromwell, Detroit, assignors to Ford Motor Company, Dearborn, Mich. Handhole closure. 2,383,200; Aug. 21.
Kramer, Clarence F., Birmingham, and W. G. Nelson, Iron Mountain, assignors to Ford Motor Company, Dearborn, Mich. Gluing fixture. 2,391,426; Dec. 25.
Kramer, Edward H.: *See*—
Dierking, Lester H., assignor.
Kramer, Frank: *See*—
Goby, Clifford S., assignor.
Kramer, Herman C., New York, N. Y. Crab net. 2,382,319; Aug. 14.
Kramer, John, Waukegan, Ill., assignor to The American Steel and Wire Company of New Jersey. Wire pay-off reel. 2,390,157; Dec. 4.
Kramer, John, Waukegan, Ill., assignor to The American Steel and Wire Company of New Jersey. Reel for wire-drawing machines. 2,390,158; Dec. 4.
Kramer, Raymond R., Evansville, Ind. Cable armor cutter. 2,374,753; May 1.
Kramer, William: *See*—
Newmark, David, assignor.
Kramig, R. E., & Company, Inc.: *See*—
Bosch, Lester L., assignor.
Kraner, Hobart M., Bethlehem, Pa., assignor to Bethlehem Steel Company. Semisilica brick. 2,384,180; Sept. 4.
Krantz, Edward; H. Krantz, administratrix of said E. Krantz, deceased, assignor of one-half to H. A. Torstenson and one-half to V. Pearson, Chicago, Ill. Magazine hammer. 2,375,419; May 8.
Krantz, Helen, administratrix: *See*—
Krantz, Edward.
Kraps, Leo J., Long Beach, Calif. Burner. 2,379,161; June 26.
Krase, Norman W., Swarthmore, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Separating ethylene. 2,388,160; Oct. 30.
Krasik, Sidney, Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Adjustable attenuator. 2,376,785; May 22.
Krasnow, Shelley, New York, N. Y. Method and apparatus for dynamic measurement of borehole radioactivity. 2,371,628; Mar. 20.
Krasnow, Shelley, New York, N. Y., and L. F. Curtis, Montgomery County, Md., assignors to Geophysical Development Corporation, Washington, D. C. Radioactive well logging method and apparatus. 2,384,840; Sept. 18.
Krastel, Oscar, Columbus, Ohio. Piston construction. 2,388,422; Nov. 6.
Kratz, Edwin E., Kansas City, Mo. Fountain pen. 2,382,070; Aug. 14.
Kratzer, Paul, assignor to A. J. Amsler & Co., Schaffhausen, Switzerland. Hydraulically operated hardness testing apparatus. 2,376,155; May 15.
Kraus, Charles A., Providence, R. I., assignor, by mesne assignments, to Jasco, Incorporated. Copolymerization. 2,387,517; Oct. 23.
Kraus, Charles E., assignor to Weddell Tools, Inc., Rochester, N. Y. Cutter. 2,367,221; Jan. 16.
Kraus, Clarence W., Buffalo, N. Y. Building element. 2,384,686; Sept. 11.
Kraus, Edmund, San Antonio, Tex. Peanut harvester. 2,372,586; Mar. 27.
Kraus, Karl J., Mobile, Ala. Weight analyser. 2,374,105; Apr. 17.
Kraus, Margaret V., et al.: *See*—
Douthitt, Frank W., assignor.
Kraus, Philip B.: *See*—
Fontana, M. G., Kidder, and Kraus.
Kraus, Philip B., Chadd's Ford, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Filtering device. 2,383,868; Aug. 28.
Kraus, Raymond M., Cleveland, assignor to The Dunham Company, Berea, Ohio. Wheel hoe. 2,388,553; Nov. 6.
Krause, August L.: *See*—
Bennett, A. F., Krause, and Jacobson.
Krause, Daniel E., assignor, by mesne assignments, to Gray Iron Research Institute, Inc., Columbus, Ohio. Heat-resistant cast iron. 2,390,594; Dec. 11.
Krause, Ernest W., assignor to Krause Stamping & Manufacturing Company, Wheeling, W. Va. Thread protector. 2,378,710; June 19.
Krause, Norman R., and C. W. Hansen, Racine, Wis. Feed cutter and silo filler. 2,385,451; Sept. 25.
Krause, Norman R., and S. C. Heth, assignors to J. I. Case Company, Racine, Wis. Feeding mechanism. 2,390,949; Dec. 11.
Krause, Philip T.: *See*—
Ledin, Charles, and Krause.

Krause Stamping & Manufacturing Company: *See*—
Krause, Ernest W., assignor.
Kraut, Samuel B., Cleveland Heights, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Canopy for luminaires. 2,381,292; Aug. 7.
Kreager, Paul H., Stoneleigh, Md., assignor to Bendix Aviation Corporation. New York, N. Y. Directional antenna system. 2,390,543; Dec. 11.
Kreamer, A., Inc.: *See*—
Di Lieto, Alfonso L., assignor.
Krebs, Carl C., Columbus, Ohio. Portable rotisserie. 2,379,239; June 26.
Krebs & Co., Zurich: *See*—
Vass, Francis, assignor.
Krebs, Edward C.: *See*—
Avers, F. H., and Krebs.
Krebs, George P.: *See*—
Avers, F. H., and Krebs, assignors.
Krebser, Adolf, Riehen near Basel, and W. Bossard, assignors to J. R. Geigy A. G., Basel, Switzerland. Triazo dyestuffs, their copper compounds, and their manufacture. 2,381,599; Aug. 7.
Krecek, Joseph A.: *See*—
Bacon, W. M., Kinkead, and Krecek.
Kinkead, F. S., and Krecek.
Krecek, Joseph A., New Rochelle, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Teletypewriter exchange system. 2,368,666; Feb. 6.
Krecek, Joseph A., New Rochelle, N. Y., and C. R. Walker, Jersey City, N. J.; said Krecek assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., and said Walker assignor to American Telephone and Telegraph Company. Communication system. 2,366,733; Jan. 9.
Krefft, Herman: *See*—
Kalsing, H., Krefft, Larché.
Krehbiel, Benjamen F., Wichita, Kans. Window unit. 2,373,762; Apr. 17.
Krehbiel, John J., Bridgeport, Conn. Mold for binding books. 2,379,971; July 10.
Kreider, Walter J., assignor to The National Cash Register Company, Dayton, Ohio. Accounting machine. 2,381,546; Aug. 7.
Kreidl, Ignaz and W., assignors, by mesne assignments, to Synochem Corporation, New York, N. Y. Producing sterilizing and disinfectant products. 2,374,754; May 1.
Kreidl, Werner: *See*—
Kreidl, Ignaz and W.
Kreis, Oscar C.: *See*—
Shoemaker, F. G., and Kreis.
Kreiselman, Joseph, Washington, D. C. Bassinet organization. 2,366,630; Jan. 2.
Kreisler, Jacques: *See*—
Szeglin, A., and Kreisler.
Kreisler, Jacques, Manufacturing Corporation: *See*—
Kreisler, L., and Siska, assignors.
Szeglin, A., and Kreisler, assignors.
Kreisler, Leslie, New York, N. Y., and J. G. Siska, Cresskill, assignors to Jacques Kreisler Manufacturing Corporation, North Bergen, N. J. Expansion band. 2,388,554; Nov. 6.
Kreitner, Johann: *See*—
Nettel, Frederick.
Nettel, F., and Kreitner.
Krejci, Joseph C., Kaw, Okla., assignor to Phillips Petroleum Company. Carbon black process. 2,375,795; May 15.
Krejci, Joseph C., Kaw, Okla., assignor to Phillips Petroleum Company. Making carbon black. 2,375,796; May 15.
Krejci, Joseph C., Kaw, Okla., assignor to Phillips Petroleum Company. Carbon black process and apparatus. 2,375,797; May 15.
Krejci, Joseph C., Kaw, Okla., assignor to Phillips Petroleum Company. Carbon black process. 2,375,798; May 15.
Krejci, Joseph C., Kaw, Okla., assignor to Phillips Petroleum Company. Producing acetylene. 2,377,245; May 29.
Krellner, Walter G.: *See*—
Kiefer, E. F., and Krellner.
Kremers, Roland E., Summit, assignor to General Foods Corporation, Hoboken, N. J. Treatment of cashew nut shell liquid and the resulting product. 2,380,319; July 10.
Krenzien, Alvin T., Norfolk, Nebr. Front wheel drive for vehicles. 2,380,181; July 10.
Kresky Manufacturing Company: *See*—
Miller, Clarence A., assignor.
Kresse, Herbert E.: *See*—
Dulken, C. F., and Kresse.
Kresse, Herbert E., and C. F. Dulken, Arlington, N. J. Apparatus for treating yarn. 2,366,198; Jan. 2.
Kress, Otto, Appleton, Wis., and F. Zeitlin, and R. K. Staman, Mechanicville, assignors to West Virginia Pulp and Paper Company, New York, N. Y. Making paper. 2,381,600; Aug. 7.
Kretzschmar, George W.: *See*—
Klamut, A., and Kretzschmar.
Kreuter, Bernard, Farmingdale, and D. G. Duryea, New York, N. Y., assignors to Republic Aviation Corporation. Shipping cradle and assembly support. 2,366,337; Jan. 2.
Kreutz, Rudolph: *See*—
Delegard, C. J., and Kreutz.
Kreutzer, Frederick J.: *See*—
Waterman, A. E., and Kreutzer.
Kreuzer, Berton, Los Angeles, Calif., assignor to Radio Corporation of America. Combination sound recorder and motion-picture camera. 2,379,489; July 3.
Kreyer, John G., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Inflatable boat bottom. 2,367,835; Jan. 23.
Krickler, Frank, Cleveland, Ohio, assignor to Curtiss-Wright Corporation. Force measuring device. 2,383,554; Aug. 28.
Krider, George E., Duncansville, assignor to Pennsylvania Crusher Company, Philadelphia, Pa. Crusher plate support. 2,375,370; May 8.
Krieble, Charles C.: *See*—
Howie, K., and Krieble.
Krieble, Vernon K., Hartford, Conn., and R. H. Smellie, Oak Ridge, Tenn. Preparing carboxylic anhydrides. 2,390,106; Dec. 4.
Kriechbaum, John P., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Condition control system. 2,389,439; Nov. 20.
Kriegbaum, George M., Richmond, Ind., assignor to International Harvester Company. Marker for planters. 2,371,827; Mar. 20.
Kriegel, Monroe W.: *See*—
Williams, P. S., and Kriegel.
Krieger, Alvin W., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electric switch. 2,374,868; May 1.
Krieger, Joseph L., Baltimore, Md. Coating and coating methods. 2,390,217; Dec. 4.
Krieger, William, Lansing, Mich. Abrading and polishing device. 2,370,864; Mar. 6.
Kriewaldt, Alex A., assignor of one-half to H. W. Krueger, Oconto, Wis. Letter opener. 2,388,695; Nov. 13.
Krimsky, Emanuel, Brooklyn, N. Y. Binocular instrument. 2,380,850; July 31.
Kristich, John N., Watsonville, and N. B. Piriach, Cupertino, Calif. Concrete pipe making machine. Re. 22,619; Mar. 13.
Kritscher, Andrew F., Ellwood City, Pa., assignor to National Tube Company. Rotary heating furnace. 2,371,335; Mar. 13.
Kriz, Cletus J.: *See*—
Sherwood, F., and Kriz.
Kroeger, John W., and H. F. O'Connor, Philadelphia, Pa., assignors to Fred'k H. Levey Co., Inc., New York, N. Y. Printing ink containing zein. 2,366,970; Jan. 9.
Kroeger, John W., and H. F. O'Connor, Philadelphia, Pa., assignors to Fred'k H. Levey Co., Inc., New York, N. Y. Resinous products and making them. 2,386,321; Oct. 9.
Kroeger, John W., Drexel Hill Plaza, and D. J. O'Connor, Jr., Yeadon, Pa., assignors to Fred'k. H. Levey Co., Inc., New York, N. Y. Printing inks. 2,389,371; Nov. 20.
Kroeker, Edwin H.: *See*—
Spence, Le R. U., Butterbaugh, and Kroeker.
Kroenlein, Henry A., assignor to The Filtex Corporation, Jackson, Mich. Vacuum sweeper construction. 2,372,007; Mar. 20.
Krofft, Albert: *See*—
Divelbiss, George K., and Krofft.
Krogel, Christopher J., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Method of and apparatus for testing covers on cores. 2,368,763; Feb. 6.
Krogh, Anker E., Mount Airy, and J. P. Vollrath, assignors to The Brown Instrument Company, Philadelphia, Pa. Control system. 2,367,359; Jan. 16.
Kroh, Harry H.: *See*—
Talbot, A. H., and Kroh.
Kroll, Joseph, Brooklyn, N. Y. Collapsible model form. 2,367,171; Jan. 9.
Kroll, Nathan J.: *See*—
Kroll, Samuel and N. J.
Kroll, Samuel and N. J., Chicago, Ill. Brake mechanism for baby carriages. 2,389,671; Nov. 27.
Kromer, William F., Sharpsburg, assignor to H. K. Porter Company, Inc., Pittsburgh, Pa. Throttle control for locomotives or the like. 2,383,063; Aug. 21.
Kromhout, Andrew, assignor to Elgin Softener Corporation, Elgin, Ill. Multiport rotary valve. 2,388,268; Nov. 6.
Krone, Howard C., River Edge, and W. Meyer, East Orange, assignor to Wheaton Brass Works, Newark, N. J. Hose coupling. 2,381,962; Aug. 14.
Krone, Howard C., River Edge, and W. Meyer, East Orange, assignors to Wheaton Brass Works, Newark, N. J. Self-closing and slow-closing valve. 2,384,627; Sept. 11.
Krone, Howard C., Ridgewood, and W. Meyer, East Orange, assignors to Wheaton Brass Works, Newark, N. J. Tank truck bottom loading and discharge means. 2,384,628; Sept. 11.
Kronenberger, Adam, Berlin, Germany; vested in the Alien Property Custodian. Automatic steering device for aircraft. 2,382,727; Aug. 14.
Kronenbitter, Karl L., Zanesville, assignor to The American Rolling Mill Company, Middletown, Ohio. Corrugated roofing and the like. 2,370,803; Mar. 6.
Kronhaus, Semen, Los Angeles, Calif. Life preserving suit. 2,383,261; Aug. 21.

Kronmiller, Carl G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Refrigeration control. 2,377,503; June 5.

Kronquest, Alfred L., Syracuse, assignor to Continental Can Co., Inc., New York, N. Y. Can feeding means. 2,378,855; June 19.

Kronquest, Alfred L., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Apparatus for displacing air from filled container head spaces. 2,383,975; Sept. 4.

Kronquest, Alfred L., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Coating apparatus. 2,387,273; Oct. 23.

Kronquest, Alfred L., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Container vacuumizing and closing machine. 2,391,319; Dec. 18.

Kropa, Edward L.: *See*—
Pfann, H. F., and Kropa.

Kropa, Edward L., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Tetraallyl silicane and preparing the same. 2,388,161; Oct. 30.

Kropf, Henry W.: *See*—
Bunker, V. W., De Young, and Kropf.

Kropscott, Earle L.: *See*—
Hunter, M. J., and Kropscott.

Krotz, Alvin S., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Track block. 2,366,450; Jan. 2.

Krotzer, Allen B., Philadelphia, Pa., W. A. King, Memphis, Tenn., and J. H. Kleiner, Atlantic City, N. J., assignors, by mesne assignments, to Allied Chemical & Dye Corporation. Production of high viscosity polystyrene. 2,378,089; June 12.

Krouse, Glen N., Columbus, Ohio. Slur-preventing mechanism for printing presses. 2,367,290; Jan. 16.

Krouse, Glen N., Columbus, Ohio. Tension-measuring instrument. 2,372,434; Mar. 27.

Krout, Ray W., Paterson, assignor to Charms Company, Bloomfield, N. J. Vacuum cooker. 2,374,216; Apr. 24.

Kruchten, Edward Q., Chicago, Ill. Work-holding and positioning means. 2,383,201; Aug. 21.

Krueger, Alfred P., Stratford, assignor to Derby Sealers, Incorporated, Derby, Conn. Tape-dispensing machine. 2,388,332; Nov. 6.

Krueger, Archie S., Green Bay, assignor to Marathon Corporation, Rothschild, Wis. Container lifter. 2,369,902; Feb. 20.

Krueger, Arthus C.: *See*—
Findley, K., Krueger, Hecker, Matteson, and Findley.

Krueger, Edward C., Otsego, assignor to Hammond Machinery Builders, Inc., Kalamazoo, Mich. Belt tightener. 2,368,848; Feb. 6.

Krueger, Emil M., assignor to Badger Meter Manufacturing Company, Milwaukee, Wis. Sound insulation for fluid conduits. 2,372,587; Mar. 27.

Krueger, Harold W.: *See*—
Kriewaldt, Alex A., assignor.

Krueger, Theodore H., Stratford, Conn., assignor to Better Packages Incorporated. Dispenser for tacky tape. 2,366,971; Jan. 9.

Krueger, Theodore H., Stratford, Conn., assignor to Better Packages Incorporated. Tape serving machine. 2,370,671; Mar. 6.

Krueger, Theodore H., Shelton, Conn. Making of bags and envelopes. 2,372,006; Mar. 20.

Krueger, William H., assignor to Flangelock Patents Corporation, Milwaukee, Wis. Scaffolding. 2,379,446; July 3.

Kruger, Isidor, Brookline, Mass. Cloth pinning device. 2,384,554; Sept. 11.

Kruger, Theodore, Peoria, Ill., assignor to Combustion Engineering Company, Inc., New York, N. Y. Air distribution to burners. 2,379,490; July 3.

Kruger, William P., New York, N. Y., assignor to Electrons, Inc., Newark, N. J. Tube and base structure. 2,383,263; Aug. 21.

Kruitbosch, Harold, assignor to The Electroloy Company, Inc., Bridgeport, Conn. Rotary ejector electrode holder. 2,368,550; Jan. 30.

Krum-Elliott Company: *See*—
Elliott, Irwin, assignor.

Krumreich, Charles L., Paterson, and H. W. Meehan, Hillsdale, N. J.; said Krumreich assignor to Bell Telephone Laboratories, Incorporated; said Meehan assignor to American Telephone and Telegraph Company, New York, N. Y. Base for telephone booths. 2,379,089; June 26.

Krupnick, Sydney R.: *See*—
Luth, H. J., Krupnick, and Hansen.

Krupp, Carroll P.: *See*—
Colley, R. S., and Krupp.

Krupp, Carroll P., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Sealing closure. 2,385,816; Oct. 2.

Kruse, Edward H., Fort Wayne, Ind. Combined fish sack holder and fishing pole rest. 2,367,588; Jan. 16.

Kruse, Edward H., Fort Wayne, Ind. Bait can and fish sack holder. 2,384,101; Sept. 4.

Kruse, Peter, New York, N. Y. Apparatus for conditioning steel blanks. 2,375,927; May 15.

Krusemark, Frederick A., Chicago, Ill., assignor to The Mansfield Tire and Rubber Company, Mansfield, Ohio. Constructing safety inner tubes. 2,372,382; Mar. 27.

Krysa, Frydryak: *See*—
Walker, G. D., Quisman, and Krysa.

Kubaugh, Le Roy M., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Resilient mounting. 2,367,826; Jan. 23.

Kubaugh, Le Roy M., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Resilient mounting. 2,367,830; Jan. 23.

Kube, Ludwig: *See*—
Weeks, W. D., and Kube, assignors.

Kubicek, Naci F., Hammond, Ind., and M. T. Carpenter, assignors to Standard Oil Company, Chicago, Ill. Continuous catalytic conversion of hydrocarbons. 2,387,798; Oct. 30.

Kubista, Charles L., Owatonna, Minn. Fount for poultry and other domestic animals. 2,387,664; Oct. 23.

Kubler, Ernest F., Pittsfield, Mass., E. D. Schneider, Scotia, N. Y., and G. C. Nonken, Pittsfield, Mass., assignors to General Electric Company. Temperature control system. 2,383,806; Aug. 28.

Kucera, Frank A., assignor to Union Special Machine Company, Chicago, Ill. Sewing machine. 2,370,738; Mar. 6.

Kucera, Joseph B., Traer, Iowa. Hemp turning machine. 2,390,375; Dec. 4.

Kucera, Joseph B., Traer, Iowa. Machine for turning windrowed hemp and the like. 2,391,427; Dec. 25.

Kuch, Martin G.: *See*—
Petersen, W. C., and Kuch.

Kucher, Andrew A., Oakwood, assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,389,440; Nov. 20.

Kuckel, Herbert, New Orleans, La. Gliding shelves for deep refrigerators. 2,382,160; Aug. 14.

Kucklinsky, Esther M.: *See*—
Kucklinsky, Fred W., assignor.

Kucklinsky, Fred W., Newark, assignor to Esther M. Kucklinsky, Montclair, N. J. Packaging machine. 2,390,107; Dec. 4.

Kueffel, Carl W., Weehawken, H. Wiedemann, West New York, N. J., and A. F. Shields, Jamaica, N. Y., assignors to Kueffel & Esser Company, Hoboken, N. J. Drafting machine. 2,377,428; June 5.

Kueffel & Esser Company: *See*—
Kueffel, C. W., Wiedemann, and Shields, assignors.

Kuehl, Douglas S., Reading, Mass., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Ammunition making machinery. 2,373,582; Apr. 10.

Kuehlman, Norman V., Milwaukee, Wis., assignor to The National Lock Washer Company, Newark, N. J. Washer feed and orienting mechanism. 2,369,785; Feb. 20.

Kuehlman, Norman V., Milwaukee, Wis., assignor to The National Lock Washer Company, Newark, N. J. Assembly track and assorter. 2,378,711; June 19.

Kuehlman, Norman V., Milwaukee, Wis., assignor to The National Lock Washer Company, Newark, N. J. Bolt track and assorter. 2,385,141; Sept. 18.

Kuehlthau, Hugo L., Chicago, assignor to Whiting Corporation, Harvey, Ill. Apparatus for charging cupolas. 2,375,371; May 8.

Kuehn, Howard E., Stonington, assignor, by mesne assignments, to Farrel-Birmingham Company, Incorporated, Ansonia, Conn. Wire stranding machine creel. 2,382,884; Aug. 14.

Kuehner, George P., St. Louis, Mo. Container for perishable products. 2,385,866; Oct. 2.

Kuehner, Robert A.: *See*—
Kuehner, Robert G., assignor.

Kuehner, Robert G., assignor of one-half to R. A. Kuehner, Detroit, Mich. Overhead garage door. 2,366,793; Jan. 9.

Kuehni, Hans P., Schenectady, N. Y., assignor to General Electric Company. Pressure gauge. 2,376,156; May 15.

Kuehni, Hans P., Schenectady, N. Y., assignor to General Electric Company. Liquid level indicating device. 2,380,249; July 10.

Kuehni, Hans P., and N. G. Branson, Schenectady, N. Y., assignors to General Electric Company. Automatic pattern controlled machine tool. 2,388,555; Nov. 6.

Kuenstler, Walter E., Cliffside Park, N. J. Crystal. 2,383,262; Aug. 21.

Kuenstler, Walter E., Cliffside Park, N. J. Crystal. 2,384,756; Sept. 11.

Kuenstler, Walter E., Cliffside Park, N. J. Crystal holder. 2,384,757; Sept. 11.

Kuenstler, Walter E., Cliffside Park, N. J. Crystal. 2,386,692; Oct. 9.

Kuenzli, Walter A., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigerating apparatus. 2,380,053; July 10.

Kuever, Rudolph A., and P. V. Maney, assignors to The State of Iowa, for the use and benefit of the State University of Iowa, Iowa City, Iowa. Enteric coating. 2,373,763; Apr. 17.

Küffer, Johannes, Berlin, Germany; vested in the Alien Property Custodian. Film scanning device. 2,387,592; Oct. 23.

Kugel, Fritz, and H. Benz, Heidenheim on the Brenz, Germany, assignors to American Voith Contact Co. Inc., New York, N. Y. Control device for the filling of turbotransmission circuits. 2,374,941; May 1.

Kugler, Herbert W., assignor to Cherry Rivet Company, Los Angeles, Calif. Blind rivet puller. 2,384,037; Sept. 4.

Kuhl, Frank P., New York, N. Y., assignor to Underwood Corporation. Typewriting machine. 2,391,097; Dec. 18.

Kuhl, Frederick A.: *See*—
Boucher, C. P., and Kuhl.

Kuhl, Paul E., Madison, N. J., assignor to Standard Oil Development Company. Cracking crude hydrocarbon oil. 2,384,315; Sept. 4.

Kuhler, Otto A., Blauvelt, N. Y. Interlock. 2,367,409; Jan. 16.

Kuhlik, Hattie B.: *See*—
Kuhlik, Jacob M., assignor.

Kuhlik, Jacob M., assignor to H. B. Kuhlik, Brooklyn, N. Y. Sound silencer for projectors. 2,369,786; Feb. 20.

Kuhlik, Jacob M., assignor to H. B. Kuhlik, Brooklyn, N. Y. Film supporting base for sound recording machines. 2,382,161; Aug. 14.

Kuhlik, Jacob M., assignor to H. B. Kuhlik, Brooklyn, N. Y. Throat microphone. 2,385,867; Oct. 2.

Kühlwein, Friedrich L., Essen, Germany; vested in the Alien Property Custodian. Obtaining coal particularly poor in ash content. 2,376,703; May 22.

Kuhn, Albert J., Dayton, D. F. Alexander, Oakwood, and J. R. Hornaday, assignors to General Motors Corporation, Dayton, Ohio. Engine starting system. 2,372,835; Apr. 3.

Kuhn, Charles H., Indianapolis, Ind. Toy gun. 2,386,479; Oct. 9.

Kuhn, Clarence W.: *See*—
Hodgson, H. E., and Kuhn.

Kuhn, Clarence W., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Overload circuit breaker. 2,390,718; Dec. 11.

Kuhn, George, Silver Spring, Md., assignor to General Motors Corporation, Dayton, Ohio. Fluid treating apparatus. 2,367,408; Jan. 16.

Kuhn, Max O., Cuyahoga Falls, assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Rolling ring for barrels. 2,367,834; Jan. 23.

Kuhn, Max O., Cuyahoga Falls, assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Constructing containers. 2,381,385; Aug. 7.

Kuhn, Max O., Cuyahoga Falls, assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Making containers. 2,381,386; Aug. 7.

Kuhn, Max O., Cuyahoga Falls, assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Reinforced container. 2,381,396; Aug. 7.

Kuhn, Richard, and O. Westphal, Heidelberg, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Pyridine-3,4-dinitriles. 2,371,694; Mar. 20.

Kuhn, Russell C., Livingston, N. J., assignor to Breeze Corporations, Inc., Newark, N. J. Expander tool. 2,373,478; Apr. 10.

Kuhn, Wilhelmina M.: *See*—
Schaaff, Louis W., assignor.

Kuhne, Carl W., Mill Valley, Calif. Parallel ruler. 2,384,555; Sept. 11.

Kuhner, Max H., assignor to Riley Stoker Corporation, Worcester, Mass. Steam generator. 2,379,009; June 26.

Kuhns, Austin, and E. R. Gasser, Buffalo, N. Y., assignors to General Motors Corporation, Detroit, Mich. Reverse gear. 2,371,828; Mar. 20.

Kuhns, Austin, assignor to Farrel-Birmingham Company, Incorporated, Buffalo, N. Y. Flexible coupling. 2,380,113; July 10.

Kuhns, Ernest L., assignor to The Cleveland Metal Hardening Company, Cleveland, Ohio. Centerless grinder gauging mechanism. 2,389,787; Nov. 27.

Kuipers, George A.: *See*—
Hickman, K. C. D., and Kuipers.

Kuisenga, Martin H., assignor to The Upjohn Company, Kalamazoo, Mich. Preparation of sodium heparinate. 2,377,016; May 29.

Kulesh, Louis F., Kenosha, Wis. Weed puller and cultivator. 2,373,896; Apr. 17.

Kulling, Rudolph C., Chicago, Ill. Ash tray holder. 2,377,560; June 5.

Kulo, Thomas E.: *See*—
Baur, H. J., and Kulo.

Kulp, Maurice P., Linwood, F. F. Morehead, West Chester, Pa., W. A. Sisson, Silverside, Del., and W. L. Webb, Glen Moore, Pa., assignors to American Viscose Corporation, Wilmington, Del. Apparatus for the production of artificial filaments. 2,386,173; Oct. 2.

Kump, Ernest J., Jr., Fresno, Calif. Window construction. 2,366,339; Jan. 2.

Kuna, József, Oxford, assignor of one-half to J. C. Siegrist, London, England. Mold for sliding clasp fasteners. 2,374,292; Apr. 24.

Kundtz, Frank S., Cleveland, assignor to Jack & Heintz, Inc., Bedford, Ohio. Hand tool for inserting insulating strips. 2,388,853; Nov. 13.

Kunen, Herbert K.: *See*—
Kurth, F. J., Honerkamp, Poeten, and Kunen.

Kung, Frederick E.: *See*—
Strain, F., and Kung.

Küng, Frederick E., Akron, Ohio, assignor to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Vinyl ester and method of preparation thereof. 2,370,549; Feb. 27.

Kung, Frederick E., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Preparation of alpha-beta unsaturated nitriles. 2,375,005; May 1.

Kung, Frederick E., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Preparation of esters of alpha-beta unsaturated monocarboxylic acids. 2,376,704; May 22.

Küng, Frederick E., Akron, Ohio, assignor to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Unsaturated chlorocarbonates and preparation. 2,377,085; May 29.

Kung, Frederick E., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Preparation of unsaturated nitriles. 2,373,190; Apr. 10.

Küng, Frederick E., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Vulcanizing agent. 2,381,063; Aug. 7.

Kuntz, Baldwin C., Juneau, assignor, by mesne assignments, to Automatic Products Company, Milwaukee, Wis. Implement hitch. 2,388,981; Nov. 13.

Kuntz, Frank A., Allentown, Pa. Cantilever seat. 2,387,451; Oct. 23.

Kunz, Arthur J., Prospectville, Pa. Stream-or-spray gun. 2,369,357; Feb. 13.

Kunz, Charles J.: *See*—
Muehler, L. E., Kunz, and Eaton.

Kunz, Eric C.: *See*—
Ofner, A., and Kunz.

Kunz, John, assignor to Miller Printing Machinery Co., Pittsburgh, Pa. Motion transmitting mechanism. 2,366,199; Jan. 2.

Kunz, John, assignor to Miller Printing Machinery Co., Pittsburgh, Pa. Inker mechanism. 2,387,332; Oct. 23.

Kunz, Walden H., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Inductive tuner and contact therefor. 2,377,789; June 5.

Kunzelman, Edward: *See*—
Hopp, H. P., and Kunzelman.

Künzer, Heinrich, Kiel, Germany; vested in the Alien Property Custodian. Gyroscopic instrument. 2,367,465; Jan. 16.

Künzi, Karl: *See*—
Stemmler, H., and Künzi, assignors.
Von Zelewsky, O., and Kunzi.

Kunzle, August: *See*—
Heberlein, R., and Kunzle.

Kuoch, Robert: *See*—
Levitan, N. I., and Kuoch.

Kupchick, Edward, Brooklyn, assignor to Bulova Watch Company, New York, N. Y. Waterproof watch. 2,382,728; Aug. 14.

Kupczyk, Joseph F., Chicago, Ill. Mechanical pencil. 2,370,250; Feb. 27.

Kupiec, Harry P., and E. Stewart, Baltimore, assignors to The Glenn L. Martin Company, Middle River, Md. Hydraulic brake. 2,390,311; Dec. 4.

Kupper, William H., Hartford, Conn., assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 2,386,480; Oct. 9.

Kurillo, Max, assignor of one-third to Knight Bros., Washington, D. C. Mounting for electric fuses. 2,380,114; July 10.

Kurkjian, Yervant H., Clifton, N. J. Automatic tension control for let-off mechanism of looms. 2,381,670; Aug. 7.

Kuriash Company, Inc., The: *See*—
Tuttle, W. R., and Beldue, assignors.

Kurowski, Alfred G. F., Brooklyn, N. Y., assignor to Underwood Corporation. Typewriting machine. 2,387,078; Oct. 16.

Kurth, Franz J.: *See*—
Honerkamp, F., Kurth, and Serre.

Kurth, Franz J., assignor to Anemostat Corporation of America, New York, N. Y. Treating inflammable gases. 2,389,059; Nov. 13.

Kurth, Franz J., Friedrich Honerkamp, B. Poeten, and H. K. Kunen, assignors to Anemostat Corporation of America, New York, N. Y. Air outlet device. 2,369,303; Feb. 13.

Kurth, Franz J., and F. Honerkamp, assignors to Anemostat Corporation of America, New York, N. Y. Air outlet device. 2,376,705; May 22.

Kurth, Fred W., Farmingdale, N. J. Tricycle. 2,390,719; Dec. 11.

Kury, Josef: *See*—
Bobst, H., and Kury.

Küry, Josef, Lausanne, assignor to J. Bobst & Fils S. A., Prilly, Switzerland. Machine for the working of blanks. 2,385,581; Sept. 25.

Kurtz, Cyrus B., Lakeside, Ohio. Control mechanism. 2,377,700; June 5.

Kurtz, Jacob, Teaneck, assignor to Callite Tungsten Corporation, Union City, N. J. Die mount and making the same. 2,374,942; May 1.

Kurtz, Jacob, Teaneck, N. J., J. D. Waldie, New York, N. Y., and J. Spina, Cliffside Park, assignors to Callite Tungsten Corporation, Union City, N. J. Diamond drilling. 2,377,159; May 29.

Kurtz, Jacob, Teaneck, assignor to Callite Tungsten Corporation, Union City, N. J. Refractory body of high electronic emission. 2,389,060; Nov. 13.

Kurtz, John C., Irondequoit, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Optical instrument. 2,378,487; June 19.

Kurtz, Robert, Portland, Pa. Oar and paddle construction. 2,367,222; Jan. 16.

Kurzbin, Karl, Berkeley, Calif. Fish packing machine. 2,382,729; Aug. 14.

Kuschel, Clarence H., and H. C. Brill, assignors to Briggs Manufacturing Company, Detroit, Mich. Head-lamp closure or shutter. 2,388,787; Nov. 13.

Kuschel, Clarence H., and H. C. Brill, assignors to Briggs Manufacturing Company, Detroit, Mich. Head-lamp closure or shutter. 2,388,788; Nov. 13.

Kuser, Dryden, trustee, et al.: *See*— Woodhull, Frederick W., assignor.

Kuser, Louis M., et al.: *See*— Woodhull, Frederick W., assignor.

Kuss, Ernst, and H. Hohn, Duisburg, Germany; vested in the Alien Property Custodian. Zinc compounds. 2,371,829; Mar. 20.

Kuszyk, Frank, Pottstown, Pa., Comb. 2,376,065; May 15.

Kutil Engineering Company: *See*— Kutil, Michael, assignor.

Kutil, Michael, Sheboygan, Wis., assignor to Kutil Engineering Company. Jarring screen. 2,367,785; Jan. 23.

Kuyper, Peter H., assignor to Rolscreen Company, Pella, Iowa. Sash hinging hardware. 2,383,395; Aug. 21.

Kuzbacki, Adolph W., Passaic, N. J. Tentering machine speed control. 2,387,333; Oct. 23.

Kuzmick, Jerome, assignor to Raybestos-Manhattan, Inc., Bridgeport, Conn. Powdered metal body and making same. 2,389,061; Nov. 13.

Kvalnes, Donovan E.: *See*— Reynolds, W. B., Rossander, and Kvalnes.

Kvalnes, Donovan E., Penns Grove, and B. G. Carson, Woodstown, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyeing nylon. 2,374,106; Apr. 17.

Kvalnes, Donovan E., Penns Grove, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Red monazo wool dyes. 2,374,157; Apr. 17.

Kylemo Folke: *See*— Noren, H., and Kylemo.

Kylin, Henrik O.: *See*— Kylin, Oskar and H. O., and Valentino.

Kylin, Oskar and H. O., and M. L. Valentino, Cleveland Heights, Ohio, assignors to Bardons and Oliver, Inc., Cleveland, Ohio. Automatic chuck and stock feed for machine tools. 2,369,466; Feb. 13.

Kylin, Oskar, Cleveland Heights, Ohio. Turret slide clamp. 2,373,637; Apr. 10.

Kylin, Oskar, Cleveland Heights, assignor to Bardons and Oliver, Inc., Cleveland, Ohio. Indexing mechanism. 2,375,114; May 1.

Kylin, Oskar, Cleveland Heights, assignor to Bardons and Oliver, Inc., Cleveland, Ohio. Collet chuck operating mechanism. 2,375,115; May 1.

Kylin, Oskar, Cleveland Heights, assignor to Bardons and Oliver, Inc., Cleveland, Ohio. Adjustable supporting tool. 2,382,571; Aug. 14.

Kyle, Anthony, and J. A. Johnson, Los Angeles, Calif. Tool holder assembly. 2,389,858: Nov. 27.

Kyrides, Lucas P., Webster Groves, and J. K. Craver, Affton, assignors to Monsanto Chemical Company, St. Louis, Mo. Production of lactones. 2,368,366; Jan. 30.

Kyrides, Lucas P., Webster Groves, assignor to Monsanto Chemical Company, St. Louis, Mo. Alkoxy-substituted aliphatic carboxylic acid compounds. 2,377,246; May 29.

Kyrides, Lucas P., Webster Groves, assignor to Monsanto Chemical Company, St. Louis, Mo. Mono-alkenyl-succinic acid mono ester salts. 2,380,699; July 31.

Kyrides, Lucas P., Webster Groves, and F. B. Zienty, assignors to Monsanto Chemical Company, St. Louis, Mo. Preparing gamma-acetopropanol. 2,382,071; Aug. 14.

Kyrides, Lucas P., Webster Groves, assignor to Monsanto Chemical Company, St. Louis, Mo. Production of aminopyrimidines. 2,385,761; Sept. 25.

Labadie, Jacob T., Gary, Ind. Manufacturing stopper rods. 2,389,517; Nov. 20.

La Bille, Joseph A., Chicago, Ill. Inhaler. 2,380,182; July 10.

La Bille, Joseph A., Chicago, Ill. Inhaler. 2,387,917; Oct. 30.

La Brie, Ludger E., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Fluid power transmitter. 2,389,441; Nov. 20.

Labin, Edouard, Buenos Aires, Argentina, assignor to Hartford National Bank and Trust Company, Hartford, Conn. Direct reading phasemeter. 2,368,551; Jan. 30.

Labin, Edouard, Buenos Aires, Argentina, assignor to Hartford National Bank and Trust Company, as trustee. Generating frequency modulated waves. 2,372,210; Mar. 27.

Labin, Edouard, Buenos Aires, Argentina, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Electronic device. 2,372,328; Mar. 27.

Labin, Edouard, Buenos Aires, Argentina, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Producing frequency modulated waves for radio transmission. 2,385,085; Sept. 18.

La Bombard, Leon E., assignor to The International Paper Box Machine Company, Nashua, N. H. Sheet-feeding mechanism. 2,369,914; Feb. 20.

La Bombard, Leon E., assignor to The International Paper Box Machine Company, Nashua, N. H. Sealing machine and the like. 2,379,361; June 26.

La Bombard, Leon E., assignor to The International Paper Box Machine Company, Nashua, N. H. Automatic sheet feeding mechanism. 2,381,853; Aug. 7.

Labombarde, Harold S., assignor to The International Paper Box Machine Company, Nashua, N. H. Stacker accumulator. 2,391,170; Dec. 18.

La Bour, Harry E., Elkhart, Ind. Pump for mobile fire pumpers. 2,367,032; Jan. 9.

La Bour, Harry E., Elkhart, Ind. Liquid sealed pump. 2,381,823; Aug. 7.

La Bour, Harry E., Elkhart, Ind. Vertical self-priming pump. 2,381,824; Aug. 7.

La Brie, Ludger E., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Hydrodynamic transmission. 2,373,122; Apr. 10.

La Brie, Ludger E., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Clutch. 2,374,688; May 1.

Lacart, Rollin H.: *See*— Beekley, H. L., and Lacart.

Lacart, Rollin H., Chicago, R. H. Gilbert, Oak Park, and H. L. Beekley, Glen Ellyn, Ill., assignors to The Electrimatic Corporation. Automatic valve. 2,388,696; Nov. 13.

Lacerda, Harry A., Green Island, N. Y. Firebox and combustion chamber construction. 2,373,571; Apr. 10.

Lacey, Harold T.: *See*— Loukomsky, S. A., and Lacey.

Lacey, Harold T., Plainfield, and R. E. Brouillard, Somerville, N. J., assignors to American Cyanamid Company, New York, N. Y. Preparation of symmetrical diaryl hydrazines. 2,383,134; Aug. 21.

La Chapelle, Euclid I., Brockton, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe bottom finishing machine. 2,371,201; Mar. 13.

La Chapelle, Euclid I., Brockton, Mass. Boot and shoe. 2,377,635; June 5.

La Chapelle, Evelyn M., administratrix: *See*— La Chapelle, Fred N.

La Chapelle, Fred N., deceased, by E. M. La Chapelle, administratrix, Beverly, Mass. Box toe cap. 2,379,010; June 26.

La Chapelle, Fred N., Beverly, assignor to S. H. Huberman, Boston, Mass. Shoe. 2,388,333; Nov. 6.

Lacks, Hyman: *See*— Cordiano, H. V., De Paolo, and Lacks.

Lacoe, Ralph D., Jr., San Diego, Calif. Master cylinder. 2,377,017; May 29.

Lacomastic Corporation: *See*— Lindelow, Herbert C., assignor.

Lacombe, Louis: *See*— Fosse, H., Palou, and Lacombe.

Lacombe, Martinien, et al.: *See*— Wheeler, Byrhl F., assignor.

Lacombe, Antoine E., Hillsborough, assignor to Shell Development Company, San Francisco, Calif. Preparation of hydrogen peroxide. 2,376,257; May 15.

La Coste, Lucien J. B., and A. Romberg, Austin, Tex. Force measuring instrument. 2,377,889; June 12.

La Crosse Rubber Mills Company: *See*— Larkin, L. J. and G. A., and Regan, assignors.

Lacy Manufacturing Company: *See*— Sandberg, William A., assignor.

Lacy, Roscoe B.: *See*— Siemers, Eric, assignor.

Lada, Edmund J., et al.: *See*— Harding, Lloyd E., assignor.

Ladd, Elbert C., Passaic, N. J., assignor to United States Rubber Company, New York, N. Y. Parasiticidal preparations. Re. 22,597; Jan. 30.

Ladd, Elbert C., Passaic, N. J., assignor to United States Rubber Company, New York, N. Y. Tanning. 2,367,589; Jan. 16.

Ladd, Elbert C., Passaic, N. J., assignor to United States Rubber Company, New York, N. Y. Parasiticidal preparations. 2,368,667; Feb. 6.

Ladd, Elbert C., Passaic, N. J., assignor to United States Rubber Company, New York, N. Y. Parasiticidal preparations. 2,379,723; July 3.

Laddon, Isaac M., and E. Berger, San Diego, Calif., assignors to Consolidated Vultee Aircraft Corporation. Sliding closure for aircraft. 2,378,856; June 19.

La-Del Conveyor & Manufacturing Company: *See*— Adams, T. O., Jr., and Troller, assignors. Troller, Theodor H., assignor.

Ladner, Lawrence A., Camden, N. J., assignor to F. F. Slocomb Corporation, Wilmington, Del. Safety device. 2,381,671; Aug. 7.

La Doal, Nicolas J.: *See*— Lamendola, Nick J.

La Fave, William O., Anaconda, Mont. Equilibrium grain separator. 2,384,181; Sept. 4.

Lafferty, Jerome C., Los Angeles, Calif. Astronomical device. 2,382,643; Aug. 14.

Lafond, Willie L., Woonsocket, assignor to Manville Jenckes Corporation, Manville, R. I. Mechanism for protecting thread shearing revolvers.. 2,374,821; May 1.

La Force, Jean, San Mateo, Calif., assignor to Union Carbide and Carbon Corporation. Acetylene generator. 2,385,087; Sept. 18.

La Forest, Louis Z., Morris Plains, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Electrical control system. 2,372,435; Mar. 27.

La France, Albert, Fairlawn, N. J., assignor to The Manhattan Shirt Company, New York, N. Y. Garment. 2,374,440; Apr. 24.

La France, Alfred, assignor to Hytron Corporation, Salem, Mass. Machine for making radio tube heater elements. 2,380,320; July 10.

La France, Donald S.: *See*— Hearne, G. W., and La France.

La France Industries: *See*— Kavanagh, Robert G., assignor.

Laganas, Christos, Lowell, Mass. Shoe and making. 2,368,308; Jan. 30.

Lagelbauer, Ernest, New York, N. Y. Direct propulsion of aircraft or the like. 2,377,247; May 29.

Lago, Francisco, Staten Island, N. Y. Hand punch press. 2,390,655; Dec. 11.

La Hatte, Cicero, Vicksburg, Miss. Meat holder. 2,388,162; Oct. 30.

La Hatte, James A., Atlanta, Ga., and R. B. Smith, assignors to The Reynolds & Reynolds Company, Dayton, Ohio. Apparatus for applying carbon to sheets. 2,366,411; Jan. 2.

Lahr, Thomas M., Berwyn, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Die. 2,378,562; June 19.

Laico, Joseph P., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Manufacture of electron discharge devices. 2,374,546; Apr. 24.

Laikam, John P., Fowler, Calif. Plow. 2,386,559; Oct. 9.

Lainson, Hal, and A. J. Semotan, assignors to Dutton-Lainson Company, Hastings, Nebr. Pump oiler. 2,389,518; Nov. 20.

Laird, Hubert C., and H. C. Otis, Dallas, Tex.; said Laird assignor to said Otis. Well control device. 2,373,034; Apr. 3.

Laird, Royal B., Merced, Calif. Scraper dump control. 2,389,199; Nov. 20.

Laird, Wilbur G., Pleasantville, N. Y. Floating roof storage tank and storing liquids. 2,366,911; Jan. 9.

Laird, Wilbur G., Pleasantville, N. Y. Liquid-sealed fluid storage apparatus. 2,383,555; Aug. 28.

Laird, Wilbur G., Pleasantville, N. Y. Storage container for fluids. 2,388,163; Oct. 30.

Laird, William A., South Gate, Calif. Automatic positive action packer. 2,379,162; June 26.

Laitinen, Arthur, Kimball, Minn. Colter. 2,375,372; May 8.

Lakatos, Alexander J., Jr., Dayton, Ohio. Protecting apparatus. 2,378,563; June 19.

Lake, Clair D., Binghamton, and F. E. Hamilton, Endicott, assignors to International Business Machines Corporation, New York, N. Y. Card punching machine. 2,366,861; Jan. 9.

Lake, Clair D., Binghamton, and G. F. Daly, Endicott, assignors to International Business Machines Corporation, New York, N. Y. Record controlled machine. 2,375,307; May 8.

Lake, Clair D., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Serial punching and card counting apparatus for use with perforating machines. 2,377,791; June 5.

Lake, George R., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Distillation process. 2,376,478; May 8.

Lake, Ross A., Oak Park, assignor to Teletype Corporation, Chicago, Ill. Web feeding device. 2,389,200; Nov. 20.

Lake, Ross A., Oak Park, assignor to Teletype Corporation, Chicago, Ill. Keyboard perforator. 2,391,056; Dec. 18.

Lake, Simon, deceased, Milford, Conn., T. A. E. Lake, administrator. Apparatus for molding tubular concrete bodies. 2,386,961; Oct. 16.

Lake, Thomas A. E., administrator: *See*— Lake, Simon.

Lake, Thomas A. E., Milford, Conn., assignor to G. B. Cluett, 2nd, Troy, N. Y. Displacement-hydroplane boat. 2,370,318; Feb. 27.

Lake, William W., et al.: *See*— Wade, John L., assignor.

Lakeside Engineering Corporation: *See*— Montgomery, J. A., and Livingston, assignors.

Lakso, Eino E.: *See*— Von Hofe, G. W., and Lakso.

Lakso, Eino E., Fitchburg, Mass. Article handling machine. 2,377,431; June 5.

Lalande, Frank F., Challis, Idaho. Smokestack and fluepipe adapter. 2,374,489; Apr. 24.

La Lande, William A., Jr., Upper Darby, assignor to Porocel Corporation, Philadelphia, Pa. Raising the pH of saccharine liquids. 2,371,527; Mar. 13.

La Lande, William A., Jr., Upper Darby, assignor to Attapulgus Clay Company, Philadelphia, Pa. Decolorizing hydrocarbon oil. 2,381,293; Aug. 7.

La Lande, William A., Jr., Upper Darby, assignor to Attapulgus Clay Company, Philadelphia, Pa. Use of dehumidification agents. 2,388,616; Nov. 6.

Laliberte, Albert J., Naugatuck, assignor to Safety Fuel, Incorporated, West Cheshire, Conn. Lightweight portable still. 2,376,876; May 29.

Laliberte, Albert J., Naugatuck, assignor to Safety-Fuel Incorporated, West Cheshire, Conn. Solidified normally liquid hydrocarbons. 2,385,361; Sept. 25.

Laliberte, Albert J., Naugatuck, assignor to Safety-Fuel Incorporated, West Cheshire, Conn. Solidified normally liquid hydrocarbons. 2,385,362; Sept. 25.

Laliberte, Albert J., Naugatuck, assignor to Safety-Fuel, Incorporated, West Cheshire, Conn. Solidified normally liquid hydrocarbons. 2,385,363; Sept. 25.

Laliberte, Albert J., Naugatuck, assignor to Safety-Fuel Incorporated, West Cheshire, Conn. Solidified normally liquid hydrocarbons. 2,385,817; Oct. 2.

Laliberte, Albert J., Naugatuck, assignor to Safety-Fuel, Inc., West Cheshire, Conn. Solidified normally liquid hydrocarbons. 2,385,818; Oct. 2.

Laliberte, Albert J., Naugatuck, assignor to Safety-Fuel Incorporated, West Cheshire, Conn. Solidified normally liquid materials. 2,386,804; Oct. 16.

Laliberte, Albert J., Naugatuck assignor to Safety-Fuel Incorporated, West Cheshire, Conn. Solidified normally liquid hydrocarbons. 2,386,805; Oct. 16.

Lamach, John, Billings, Mont. Gate lock. 2,376,066; May 15.

Lamar, David H., Fairmont, W. Va. Fireplace heater. 2,371,398; Mar. 13.

Lamar, Harry H., Wilkinsburg, Pa. Valve structure. 2,382,235; Aug. 14.

Lamar Slide Fastener Corp.: *See*— Rabinowitz, L. M., assignor.

La Marquise Footwear, Inc.: *See*— Pipitone, Sal, assignor.

Lamb, Anthony H., Hillside, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Magnetic contact. 2,380,851; July 31.

Lamb, Arthur: *See*— McCaslin, S. N., and Lamb.

Lamb, Ernest P., Grosse Point Park, and R. H. Duff, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Motor vehicle. 2,390,218; Dec. 4.

Lamb, Eugene J., Vestal, assignor to International Business Machines Corporation, New York, N. Y. Making stencil cards. 2,375,308; May 8.

Lamb, Francis X., East Orange, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Electrical instrument. 2,384,316; Sept. 4

Lamb, Frank D., Hyattsville, and L. Banning, Berwyn, Md., assignors to the Government of the United States, as represented by the Secretary of the Interior. Beneficiation of beryllium ores. 2,385,819; Oct. 2.

Lamb, George G., assignor to Standard Oil Company, Chicago, Ill. Making shock absorber and hydraulic brake fluid. 2,366,794; Jan. 9.

Lamb, Newton, Saginaw, and W. C. Mast, Bay City, assignor to The Dow Chemical Company, Midland, Mich. Preparation of fluorinated olefins. 2,377,297; May 29.

Lamb, Thomas, New York, N. Y. Handle. 2,390,544; Dec. 11.

Lambach, Fritz, Tenafly, N. J. Method and machine for making hosiery. 2,366,340; Jan. 2.

Lambach, Fritz, Fairview, N. J. Beamer. 2,370,672; Mar. 6.

Lambach, Fritz, Tenafly, N. J. Assembly of beams and a construction for the connection thereof with parts of a warp knitting machine. 2,376,364; May 22.

Lambach, Fritz, Tenafly, N. J. Beamer. 2,384,474; Sept. 11.

Lambach, Fritz, Tenafly, N. J. Warping or beaming machine. 2,388,269: Nov. 6.

Lambach, Fritz, Tenafly, and W. Siegel, Union City, assignors to Robert Reiner, Inc., Weehawken, N. J. Drop needle control and an electrically operated stop motion for warping or beaming plants. 2,389,625; Nov. 27.

Lambers, Bernard: *See*— Harriss, L. J., and Lambers.

Lambert Brake Corporation: *See*— Lambert, Homer T., assignor. Parrett, Dent, assignor.

Lambert, Edgar D.: *See*— Fraser, L. B., and Lambert.

Lambert, Enoch E., assignor of one-half to C. A. Ritz, Otis, Oreg. Chain saw tooth setting device. 2,385,868; Oct. 2.

Lambert, Estelle: *See*— Halpert, J., and Lambert.

Lambert, Francis M., Narberth, Pa., assignor to Heintz Manufacturing Company. Quick-acting door. 2,373,480; Apr. 10.

Lambert, Harry, Methuen, assignor to Pacific Mills, Lawrence, Mass. Bobbin marking mechanism. 2,389,859; Nov. 27.

Lambert, Harry L., Enfield, assignor, by mesne assignments, to W. J. Pickering, New York, N. Y. Mercury tube switch. 2,366,631; Jan. 2.

Lambert, Harry L., Enfield, assignor to Allen Wales Adding Machine Corporation, Ithaca, N. Y. Calculating machine. 2,389,062; Nov. 13.

Lambert, Homer T., assignor to The Lambert Brake Corporation, St. Joseph, Mich. Valve construction. 2,368,412; Jan. 2.

Lambert, Homer T., assignor to Lambert Brake Corporation, St. Joseph, Mich. Disk brake. 2,368,417; Jan. 30.

Lambert, Homer T., assignor to Lambert Brake Corporation, St. Joseph, Mich. Liquid cooled brake. 2,373,572; Apr. 10.

Lambert, Homer T., assignor to Lambert Brake Corporation, St. Joseph, Mich. Heavy-duty disk brake. 2,375,854; May 15.

Lambert, Homer T., assignor to Lambert Brake Corporation, St. Joseph, Mich. Multiple disk brake. 2,375,855; May 15.

Lambert, Homer T., assignor to Lambert Brake Corporation, St. Joseph, Mich. Adapter brake mechanism. 2,379,972; July 10.

Lambert, John H.: *See*—
Odom, L. M., and Lambert.

Lambert, Pierre, New Rochelle, R. H. Riemenschneider, Pleasantville, and J. A. Gibb, Northport, assignors to The Lummus Company, New York, N. Y. Fractionating plate construction. 2,380,852; July 31.

Lambet, Gustave: *See*—
Caro, M., and Lambet.

Lamborn, Bayard T., Matawan, N. J., assignor to Hercules Powder Company, Wilmington, Del. Manufacture of cellulose mixed esters. 2,368,764; Feb. 6.

Lamborn, Bayard T., Matawan, N. J., assignor to Hercules Powder Company, Wilmington, Del. Manufacture of cellulose esters. 2,374,547; Apr. 24.

Lamendola, Nick J., Des Moines, Iowa, now by judicial change of name N. J. La Doal. Drop plate vending machine. 2,386,123; Oct. 2.

Lamm, Warren H., Kildare, Okla. Cap retainer for tubes. 2,376,786; May 22.

Lamm, Uno, and J. Pilen, Ludvika, assignors to Allmänna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Operating vapor ionic valves for current conversion. 2,386,322; Oct. 9.

Lammertse, Meindert: *See*—
George, E. D., and Lammertse.

Lamont, Robert W.: *See*—
Patch, Allen J., assignor.

Lamoreaux, George R., Grandville, Mich. Propeller. 2,366,795; Jan. 9.

Lamphere, P. H. et al.: *See*—
Strong, Jules Q., assignor.

Lamphere, Richard: *See*—
Berkey, W. E., and Lamphere.

Lamson Corporation: *See*—
Burton, Calvin A., assignor.

Lancaster, Billy R., assignor to Boeing Aircraft Company, Seattle, Wash. Tube bender. 2,371,695; Mar. 20.

Lancaster, Eustis A., Jr., Johnson City, Tenn., assignor to Architectural and Industrial Sales Corporation. Hearth plate. 2,375,743; May 8.

Lancaster, John T., Newton, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Lasting machine. 2,368,849; Feb. 6.

Lancaster, John T., Newton, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Fastening-inserting machine. 2,374,359; Apr. 24.

Lance, David: *See*—
Goodman, M., and Lance.

Land, Edwin H., assignor to Polaroid Corporation, Cambridge, Mass. Device for measuring vertical angular deviation. 2,372,091; Mar. 20.

Land, Edwin H., and M. Grabau, Cambridge, Mass., assignors to Polaroid Corporation, Dover, Del. Apparatus for generating sound waves. 2,376,493; May 22.

Land, Edwin H., Boston, Mass., assignor to Polaroid Corporation, Dover, Del. Light polarizing image and manufacture. 2,373,035; Apr. 3.

Land, Edwin H., and R. P. Blake, Cambridge, Mass., assignors to Polaroid Corporation, Dover, Del. Light polariser and manufacture. 2,380,363; July 10.

Land, Harry A.: *See*—
Hubert, C. A., and Land.

Landahl, Eugene E., Detroit, Mich. Self-aligning idler for conveyer belts. 2,391,249; Dec. 18.

Landay, Horace J., Woodmere, N. Y., and C. W. Warren, North Plainfield, N. J. Gauging apparatus. 2,382,885; Aug. 14.

Landberg, Erik G., assignor to Goulds Pumps, Inc., Seneca Falls, N. Y. Bearing. 2,386,165; Oct. 2.

Landé, Julius M., New York, N. Y. Interpreting device. 2,385,452; Sept. 25.

Landee, Franc A.: *See*—
Hooker, G. W., and Landee.

Landers, Bernard, Ida Grove, Iowa. Drawbar for harrows. 2,377,945; June 12.

Landers, Frary & Clark: *See*—
Anderson, Oscar M., assignor.
Badger, H. M., and Anderson, assignors.

Landers, Lovell, Jr., Ossining, N. Y. System for vaporizing crude oil for use as a fuel for internal-combustion engines and converters functionable therein. 2,384,472; Sept. 11.

Landers, Lovell, Jr., Ossining, N. Y. System for vaporising crude oil for use as a fuel for internal-combustion engines and converters functionable therein. 2,384,473; Sept. 11.

Landis, George G., South Euclid, and N. J. Hoenie, Cleveland Heights, assignors to The Lincoln Electric Company, Cleveland, Ohio. Work support. 2,383,503; Aug. 28.

Landis, George G., University Heights, and N. J. Hoenie, Cleveland Heights, assignors to The Lincoln Electric Company, Cleveland, Ohio. Electric welding apparatus. 2,383,725; Aug. 28.

Landis & Gyr, A-G.: *See*—
Finckh, Leonard, assignor.
Heynisch, Paul, assignor.
Koenig, Werner, assignor.
Moos, Paul, assignor.
Perret, Henri, assignor.
Vannini, P., and Hungerbühler, assignors.
Wiedemeier, Alfred, assignor.

Landis & Gyr, Aktiengesellschaft: *See*—
Berger, Karl, assignor.

Landis Machine Company: *See*—
Reimschissel, Charles A., assignor.

Landis Tool Company: *See*—
Balsiger, H. E., and Price, assignors.
Elberty, Robert S., Jr., assignor.
Jones, Alvin J., assignor.
Ott, Conrad L., assignor.

Landolt, Albert, Rieben, assignor to Society of Chemical Industry in Basle, Basel, Switzerland. Chlorinating textiles colored with dyestuffs sensitive to chlorine. 2,373,191; Apr. 10.

Landon, Kenneth L., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Producing molded product. 2,379,163; June 26.

Landon, Walter S., assignor to Detroit Lubricator Company, Detroit, Mich. Controlling means. 2,372,436; Mar. 27.

Landon, Walter S., assignor to Detroit Lubricator Company, Detroit, Mich. Burner control means. 2,389,519; Nov. 20.

Landow, William E., Chicago, Ill. Structure and forming the same. 2,377,160; May 29.

Landry, Henry J.: *See*—
Bockus, R. C., and Landry.

Landry, William J., assignor to J. C. Hockery, F. L. Talge, and H. J. Talge, doing business as Rival Manufacturing Company, Kansas City, Mo. Can opener. 2,378,090; June 12.

Landry, William J., assignor to J. C. Hockery, F. L. Talge, and H. J. Talge, doing business as Rival Manufacturing Company, Kansas City, Mo. Cutter assembly for can openers. 2,383,929; Aug. 28.

Landwier, William G., Wellsville, assignor to The Air Preheater Corporation, New York, N. Y. Work handling apparatus for mechanical presses. 2,368,478; Jan. 30.

Landy, Arney, Deer River, Minn. Endless crawler tread cycle. 2,373,316; Apr. 10.

Lane, Arthur C., Rugby, England, assignor to General Electric Company. Dynamoelectric machine. 2,371,962; Mar. 20.

Lane, Arthur W.: *See*—
Beach, L. F., Esval, and Lane.

Lane, Arthur W., Freeport, and R. S. Curry, Jr., Baldwin, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Controller for gyro instruments. 2,389,158; Nov. 20.

Lane Company, Inc., The: *See*—
Crocker, Ernest C., assignor.

Lane, Dwight L., Dayton, Ohio. Antivibration or shock absorber mount. 2,384,476; Sept. 11.

Lane, Gerould T., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic stripping film. 2,391,171; Dec. 18.

Lane, Harold, and W. A. Barton, Leicester, England, assignors to United Shoe Machinery Corporation, Flemington, N. J. Wire-feeding means for fastening inserting machines. 2,376,924; May 29.

Lane, Joseph, New York, N. Y. Closing for garments. 2,381,601; Aug. 7.

Lane, Paul S., and D. Hamm, assignors to Muskegon Piston Ring Company, Muskegon, Mich. Piston ring manufacture. 2,380,654; July 31.

Lane, Thomas F., Providence, R. I. Pile protector. 2,385,869; Oct. 2.

Lane-Wells Company: *See*—
Barnes, Charles H., assignor.
Batchelder, Dean E., assignor.
Lynd, William E., assignor.
Quintrell, Harry J., assignor.
Turechek, George F., assignor.
Young, John, Jr., assignor.

Lanese, Donald C., assignor to Designers for Industry, Inc., Cleveland, Ohio. Combined baby crib and bassinet. 2,381,759; Aug. 7.

Lanfranconi, Frederick A., Surbiton, England. Tap. 2,390,950; Dec. 11.

Lanfranconi, Frederick Alexander, Kingston-by-pass, Surbiton, England. Screw cutting die and stock therefor. 2,373,836; Apr. 17.

Lang, Benjamin, New York, N. Y. Cutting table and attachment therefor. 2,373,968; Apr. 17.

Lang, Ervin G., New Ulm, Minn. Denture prosthesis. 2,389,063; Nov. 13.

Lang, Eugene M., New York, assignor to Aircraft Screw Products Company, Inc., Long Island City, N. Y. Inserting tool for tangless inserts. 2,390,545; Dec. 11.

Lang, George F., Jenkintown, Pa. Wearing apparel. 2,368,714; Feb. 6.

Lang, Joseph C., assignor to Bocji Corporation, Pittsburgh, Pa. Fastening pin or the like. 2,377,086; May 29.

Lang, Joseph C., Pittsburgh, Pa., assignor to Bocji Corporation. Staple and stapling. 2,380,655; July 31.

Lang, Joseph C., assignor to Bocji Corporation, Pittsburgh, Pa. Staple. 2,383,135; Aug. 21.

Lang, Joseph C., assignor to Bocji Corporation, Pittsburgh, Pa. Staple and making same. 2,384,475; Sept. 11.

Lang, Joseph C., assignor to Bocji Corporation, Pittsburgh, Pa. Staple and its manufacture. 2,384,477; Sept. 11.

Lang, Joseph C., assignor to Bocji Corporation, Pittsburgh, Pa. Fastening nut. 2,389,261; Nov. 20.

Lang, Richard, Ravensburg, and J. von Fahland and H. Gros, Friedrichshafen, Bodensee, Germany; vested in the Alien Property Custodian. Hydraulic torque converter. 2,384,841; Sept. 18.

Lang, Rudolph C., assignor to National Biscuit Company, New York, N. Y. Coating machine. 2,381,502; Aug. 7.

Lang, William, assignor to International Business Machines Corporation, New York, N. Y. Calculating machine for effecting division. 2,386,481; Oct. 9.

Lang, William C., Sharpsville, Pa. Method and apparatus for producing coated wire. 2,370,973; Mar. 6.

Lang, Wilmarth Y.: *See*—
Kinkead, F. S., and Lang.

Lang, Wilmarth Y., Towaco, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Selective telegraph system. 2,377,890; June 12.

Langa, Morris, Philadelphia, Pa. Making spaced crossstitches. 2,389,470; Feb. 13.

Langan, Thomas, Annapolis, Md. Bilge pump. 2,382,797; Aug. 14.

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Langdon, Clarence E., Janesville, Wis. Portable scaffold. 2,369,743; Feb. 20.

Langdon, Jesse D., Downey, Calif., and J. J. Delany, Brooklyn, N. Y. Foot pedal. 2,369,056; Feb. 6.

Langdon, Jesse D., Brooklyn, N. Y. Valve. 2,371,449; Mar. 13.

Langdon, Jesse D., Brooklyn, N. Y. Pneumohydraulic ram. 2,371,450; Mar. 13.

Langdon, Jesse D., Los Angeles, Calif. Combined stop and float valve. 2,371,830; Mar. 20.

Langdon, Jesse D., Downey, Calif. Check valve device. 2,372,726; Apr. 3.

Langdon, Jesse D., Downey, Calif. Combat vehicle. 2,375,240; May 8.

Langdon, Jesse D., Downey, Calif. Airship. 2,381,456; Aug. 7.

Langdon, Jesse D., Los Angeles, Calif. Siphon breaker and valve. 2,382,427; Aug. 14.

Langdon, Jesse D., Long Beach, Calif. Combined check valve and vacuum breaker. 2,390,108; Dec. 4.

Langdon, Lawrence E., Wilmette, assignor to Pacific Flush Tank Company, Chicago, Ill. Treating sewage or other waste material. 2,370,974; Mar. 6.

Langdon, Robert S.: *See*—
Chriswell, F. W., and Langdon.

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Lange, Edward H., Baltimore, Md. Thermionic device for converting frequency-modulation into amplitude-modulation. 2,389,055; Feb. 6.

Lange, Edward H., Baltimore, Md. Universal demodulator for frequency and amplitude modulation. 2,382,014; Aug. 14.

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Lange, Frederick E., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Electronic control device. 2,379,873; July 10.

Lange, Paul H.: *See*—
Bullard, E. P., III, Alvey, Cowell, Lange, and Mussler.
Bullard, E. P., III, Cowell, and Lange.

Langenberg, George O., Ballwin, assignor of one-half to E. D. English, Clayton, Mo. Cutting machine. 2,390,376; Dec. 4.

Langer, Alois, Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Radiometric titration method. 2,367,949; Jan. 23.

Langer, Bernard F.: *See*—
Alben, F. L., and Langer.

Langer, Bernard F., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Strain measuring system. 2,385,005; Sept. 18.

Langer, Bernard F., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Indicating system. 2,390,797; Dec. 11.

Langford, Cecil T., and R. L. Slotter, Peoria, Ill., assignors to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Production of wheat starch. 2,368,668; Feb. 6.

Langford, Ernest E., and A. T. Garnett, assignors to A. J. Garnett Limited, London, England. Holdall, suit case, or the like. 2,373,573; Apr. 10.

Langford, George W., A. C. Barrows, and J. V. Haidler, assignors to Economy Baler Company, Ann Arbor, Mich. Bale ejector for scrap metal baling presses. 2,371,762; Mar. 20.

Langford, Thomas W., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Pressure type connector and making the same. 2,374,107; Apr. 17.

Langhaar, Louis, Mount Olive Township, Morris County, N. J. Speed governor for internal-combustion engines. 2,375,479; May 8.

Langhaar, Louis, Mount Olive Township, Morris County, N. J. Internal-combustion engine. 2,377,248; May 29.

Langhorst, Howard C., Dayton, Ohio. Shaper. 2,366,200; Jan. 2.

Langhorst, Howard C., Dayton, Ohio. Hinge. 2,369,148; Feb. 13.

Langkammerer, Carl M.: *See*—
Gocher, W. S., Jennings, and Langkammerer

Langkammerer, Carl M., Wilmington, Del., assignor to Remington Arms Company, Inc. Shot shell closure. 2,387,665; Oct. 23.

Langley Aviation Corporation: *See*—
Bendix, Vincent, assignor.
Jensen, Martin, assignor.

Langley, Sarah L., administratrix: *See*—
Neely, Charles A.

Langlois, Harry F., et al.: *See*—
McKay, William R., assignor.

Langlois, Herbert N., et al.: *See*—
McKay, William R., assignor.

Langmuir, Robert V.: *See*—
Hoskins, E. E., and Langmuir.

Langmuir, Robert V., assignor, by mesne assignments, to Consolidated Engineering Corporation, Pasadena, Calif. Mass spectrometry. 2,370,673; Mar. 6.

Langmuir, Robert V., assignor to Consolidated Engineering Corporation, Pasadena, Calif. Mass spectrometry. 2,376,877; May 29.

Langmuir, Robert V., Schenectady, N. Y., assignor to Consolidated Engineering Corporation, Pasadena, Calif. Mass spectrometry. 2,378,936; June 26.

Langston, Samuel M., Co.: *See*—
Behrens, Herbert C., assignor.

Langstroth, Hall, Greenwich, Conn., assignor to Maguire Industries, Incorporated. Circuit breaker. 2,381,294; Aug. 7.

Langworthy, Norval B., Evanston, Ill. Portfolio. 2,378,020; June 12.

Lanham, Colonel W., assignor to L. W. Lanham. Chicago, Ill. Seed planter. 2,379,724; July 3.

Lanham, William W.: *See*—
Lanham, Colonel W., assignor.

Laning, Edwin R., Philadelphia, Pa., assignor to Joseph Stokes Rubber Co., Inc. Article formed of impact resistant rubber. 2,367,786; Jan. 23.

Laning, Willard A.: *See*—
Werner, L. C., and Laning.

Lank, Everett S., Green Acres, Md., assignor to Timber Engineering Company, Washington, D. C. Timber truss and the like. 2,385,142; Sept. 18.

Lankelma, Herman P.: *See*—
Burk, Robert E., and Lankelma.

Lannen, Joseph P., Detroit, Mich. Balance testing machine. 2,367,787; Jan. 23.

Lannert, Kenneth: *See*—
Korte, A. C., and Lannert.

Lanning, Daniel D.: *See*—
Mitchell, J. A., and Lanning.

Lanphere, Clive W., New York 52, N. Y. Automatic transmission. 2,379,808; July 3.

Lansden, Gail A., Woodburn, Oreg. Headrest. 2,387,079; Oct. 16.

Lansing, Horace L., Rutherford, N. J., assignor to Poor & Company, New York, N. Y. Unbalanced splice bar with balanced ratios. Re. 22,632; Apr. 17.

Lanson, Herman J.: *See*—
Bernstein, I. M., and Lanson.

Lanston Monotype Machine Company: *See*—
Costello, Joseph F., assignor.

Lanz, Adrian B., Zurich, Switzerland. Ski binding. 2,383,064; Aug. 21.

Lapczenski, Emil V.: *See*—
Golan, Leonard J., assignor.

Lapelle Co.: *See*—
Kleinberg, Benjamin W.

Lapeyre, Fernand S., New Orleans, La. Picture hanger. 2,384,478; Sept. 11.

Lambert, Harry L., Enfield, assignor to Allen Wales Adding Machine Corporation, Ithaca, N. Y. Calculating machine. 2,389,062; Nov. 13.

Lambert, Homer T., assignor to The Lambert Brake Corporation, St. Joseph, Mich. Valve construction. 2,366,412; Jan. 2.

Lambert, Homer T., assignor to Lambert Brake Corporation, St. Joseph, Mich. Disk brake. 2,368,417; Jan. 30.

Lambert, Homer T., assignor to Lambert Brake Corporation, St. Joseph, Mich. Liquid cooled brake. 2,373,572; Apr. 10.

Lambert, Homer T., assignor to Lambert Brake Corporation, St. Joseph, Mich. Heavy-duty disk brake. 2,375,854; May 15.

Lambert, Homer T., assignor to Lambert Brake Corporation, St. Joseph, Mich. Multiple disk brake. 2,375,855; May 15.

Lambert, Homer T., assignor to Lambert Brake Corporation, St. Joseph, Mich. Adapter brake mechanism. 2,379,972; July 10.

Lambert, John H.: *See*—
Odom, L. M., and Lambert.

Lambert, Pierre, New Rochelle, R. H. Riemenschneider, Pleasantville, and J. A. Gibb, Northport, assignors to The Lummus Company, New York, N. Y. Fractionating plate construction. 2,380,852; July 31.

Lambet, Gustave: *See*—
Caro, M., and Lambet.

Lamborn, Bayard T., Matawan, N. J., assignor to Hercules Powder Company, Wilmington, Del. Manufacture of cellulose mixed esters. 2,368,764; Feb. 6.

Lamborn, Bayard T., Matawan, N. J., assignor to Hercules Powder Company, Wilmington, Del. Manufacture of cellulose esters. 2,374,547; Apr. 24.

Lamendola, Nick J., Des Moines, Iowa, now by judicial change of name N. J. La Doal. Drop plate vending machine. 2,386,123; Oct. 2.

Lamm, Warren H., Kildare, Okla. Cap retainer for tubes. 2,376,786; May 22.

Lamm, Uno, and J. Pilen, Ludvika, assignors to Allmänna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Operating vapor ionic valves for current conversion. 2,386,322; Oct. 9.

Lammertse, Meindert: *See*—
George, E. D., and Lammertse.

Lamont, Robert W.: *See*—
Patch, Allen J., assignor.

Lamoreaux, George R., Grandville, Mich. Propeller. 2,366,795; Jan. 9.

Lamphere, P. H. et al.: *See*—
Streng, Jules Q., assignor.

Lamphere, Richard: *See*—
Berkey, W. E., and Lamphere.

Lamson Corporation: *See*—
Burton, Calvin A., assignor.

Lancaster, Billy R., assignor to Boeing Aircraft Company, Seattle, Wash. Tube bender. 2,371,695; Mar. 20.

Lancaster, Eustis A., Jr., Johnson City, Tenn., assignor to Architectural and Industrial Sales Corporation. Hearth plate. 2,375,743; May 8.

Lancaster, John T., Newton, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Lasting machine. 2,368,849; Feb. 6.

Lancaster, John T., Newton, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Fastening-inserting machine. 2,374,359; Apr. 24.

Lance, David: *See*—
Goodman, M., and Lance.

Land, Edwin H., assignor to Polaroid Corporation, Cambridge, Mass. Device for measuring vertical angular deviation. 2,372,091; Mar. 20.

Land, Edwin H., and M. Grabau, Cambridge, Mass., assignors to Polaroid Corporation, Dover, Del. Apparatus for generating sound waves. 2,376,493; May 22.

Land, Edwin H., Boston, Mass., assignor to Polaroid Corporation, Dover, Del. Light polarizing image and manufacture. 2,373,035; Apr. 3.

Land, Edwin H., and R. P. Blake, Cambridge, Mass., assignors to Polaroid Corporation, Dover, Del. Light polarizer and manufacture. 2,380,363; July 10.

Land, Harry A.: *See*—
Hubert, C. A., and Land.

Landahl, Eugene E., Detroit, Mich. Self-aligning idler for conveyer belts. 2,391,249; Dec. 18.

Landay, Horace J., Woodmere, N. Y., and C. W. Warren, North Plainfield, N. J. Gauging apparatus. 2,382,885; Aug. 14.

Landberg, Erik G., assignor to Goulds Pumps, Inc., Seneca Falls, N. Y. Bearing. 2,386,165; Oct. 2.

Landé, Julius M., New York, N. Y. Interpreting device. 2,385,452; Sept. 25.

Landee, Franc A.: *See*—
Hooker, G. W., and Landee.

Landes, Bernard, Ida Grove, Iowa. Drawbar for harrows. 2,377,945; June 12.

Landers, Frary & Clark: *See*—
Anderson, Oscar M., assignor.
Badger, H. M., and Anderson, assignors.

Landers, Lovell, Jr., Ossining, N. Y. System for vaporizing crude oil for use as a fuel for internal-combustion engines and converters functionable therein. 2,384,472; Sept. 11.

Landers, Lovell, Jr., Ossining, N. Y. System for vaporising crude oil for use as a fuel for internal-combustion engines and converters functionable therein. 2,384,473; Sept. 11.

Landis, George G., South Euclid, and N. J. Hoenle, Cleveland Heights, assignors to The Lincoln Electric Company, Cleveland, Ohio. Work support. 2,383,503; Aug. 28.

Landis, George G., University Heights, and N. J. Hoenle, Cleveland Heights, assignors to The Lincoln Electric Company, Cleveland, Ohio. Electric welding apparatus. 2,383,725; Aug. 28.

Landis & Gyr, A-G.: *See*—
Finckh, Leonard, assignor.
Heynlech, Paul, assignor.
Koenig, Werner, assignor.
Moos, Paul, assignor.
Perret, Henri, assignor.
Vannini, P., and Hungerbühler, assignors.
Wiedemeier, Alfred, assignor.

Landis & Gyr, Aktiengesellschaft: *See*—
Berger, Karl, assignor.

Landis Machine Company: *See*—
Reimschissel, Charles A., assignor.

Landis Tool Company: *See*—
Balsiger, H. E., and Price, assignors.
Elberty, Robert S., Jr., assignor.
Jones, Alvin J., assignor.
Ott, Conrad L., assignor.

Landolt, Albert, Riehen, assignor to Society of Chemical Industry in Basle, Basel, Switzerland. Chlorinating textiles colored with dyestuffs sensitive to chlorine. 2,373,191; Apr. 10.

Landon, Kenneth L., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Producing molded product. 2,379,163; June 26.

Landon, Walter S., assignor to Detroit Lubricator Company, Detroit, Mich. Controlling means. 2,372,436; Mar. 27.

Landon, Walter S., assignor to Detroit Lubricator Company, Detroit, Mich. Burner control means. 2,389,519; Nov. 20.

Landow, William E., Chicago, Ill. Structure and forming the same. 2,377,160; May 29.

Landry, Henry J.: *See*—
Bockus, R. C., and Landry.

Landry, William J., assignor to J. C. Hockery, F. L. Talge, and H. J. Talge, doing business as Rival Manufacturing Company, Kansas City, Mo. Can opener. 2,378,090; June 12.

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Langford, Thomas W., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Pressure type connector and making the same. 2,374,107; Apr. 17.

Langhaar, Louis, Mount Olive Township, Morris County, N. J. Speed governor for internal-combustion engines. 2,375,479; May 8.

Langhaar, Louis, Mount Olive Township, Morris County, N. J. Internal-combustion engine. 2,377,248; May 29.

Langhorst, Howard C., Dayton, Ohio. Shaper. 2,366,200; Jan. 2.

Langhorst, Howard C., Dayton, Ohio. Hinge. 2,369,148; Feb. 13.

Langkammerer, Carl M.: *See*—
Gocher, W. S., Jennings, and Langkammerer

Langkammerer, Carl M., Wilmington, Del., assignor to Remington Arms Company, Inc. Shot shell closure. 2,387,665; Oct. 23.

Langley Aviation Corporation: *See*—
Bendix, Vincent, assignor.
Jensen, Martin, assignor.

Langley, Sarah L., administratrix: *See*—
Neely, Charles A.

Langlois, Harry F., et al.: *See*—
McKay, William R., assignor.

Langlois, Herbert N., et al.: *See*—
McKay, William R., assignor.

Langmuir, Robert V.: *See*—
Hoskins, E. E., and Langmuir.

Langmuir, Robert V., assignor, by mesne assignments, to Consolidated Engineering Corporation, Pasadena, Calif. Mass spectrometry. 2,370,673; Mar. 6.

Langmuir, Robert V., assignor to Consolidated Engineering Corporation, Pasadena, Calif. Mass spectrometry. 2,376,877; May 29.

Langmuir, Robert V., Schenectady, N. Y., assignor to Consolidated Engineering Corporation, Pasadena, Calif. Mass spectrometry. 2,378,936; June 26.

Langston, Samuel M., Co.: *See*—
Behrens, Herbert C., assignor.

Langstroth, Hall, Greenwich, Conn., assignor to Maguire Industries, Incorporated. Circuit breaker. 2,381,294; Aug. 7.

Langworthy, Norval B., Evanston, Ill. Portfolio. 2,378,020; June 12.

Lanham, Colonel W., assignor to L. W. Lanham, Chicago, Ill. Seed planter. 2,379,724; July 3.

Lanham, William W.: *See*—
Lanham, Colonel W., assignor.

Laning, Edwin R., Philadelphia, Pa., assignor to Joseph Stokes Rubber Co., Inc. Article formed of impact resistant rubber. 2,367,786; Jan. 23.

Laning, Willard A.: *See*—
Werner, L. C., and Laning.

Lank, Everett S., Green Acres, Md., assignor to Timber Engineering Company, Washington, D. C. Timber truss and the like. 2,385,142; Sept. 18.

Lankelma, Herman P.: *See*—
Burk, Robert E., and Lankelma.

Lannen, Joseph P., Detroit, Mich. Balance testing machine. 2,367,787; Jan. 23.

Lannert, Kenneth: *See*—
Korte, A. C., and Lannert.

Lanning, Daniel D.: *See*—
Mitchell, J. A., and Lanning.

Lanphere, Clive W., New York 52, N. Y. Automatic transmission. 2,379,808; July 3.

Lansden, Gail A., Woodburn, Oreg. Headrest. 2,387,079; Oct. 16.

Lansing, Horace L., Rutherford, N. J., assignor to Poor & Company, New York, N. Y. Unbalanced splice bar with balanced ratios. Re. 22,632; Apr. 17.

Lanson, Herman J.: *See*—
Bernstein, I. M., and Lanson.

Lanston Monotype Machine Company: *See*—
Costello, Joseph F., assignor.

Lanz, Adrian B., Zurich, Switzerland. Ski binding. 2,383,064; Aug. 21.

Lapczenski, Emil V.: *See*—
Golan, Leonard J., assignor.

Lapelle Co.: *See*—
Kleinberg, Benjamin W.

Lapeyre, Fernand S., New Orleans, La. Picture hanger. 2,384,478; Sept. 11.

Lapeyre, Gaston, Tarbes, Hautes-Pyrenees, France; vested in the Alien Property Custodian. Chain transmission more particularly for cycles. 2,368,147; Jan. 30.

Lapham, Sidney D., Martinez, assignor to Shell Development Company, San Francisco, Calif. Spray nozzle. 2,370,975; Mar. 6.

La Plana, Fred G., Forest Hills, N. Y., and H. S. Bosland, Providence, R. I., assignors to Stein, Hall & Company, Inc., New York, N. Y. Sizing and finishing compositions. 2,385,714; Sept. 25.

La Pierre, Alfred T., Worcester, Mass., assignor to Harrington & Richardson Arms Company. Cord holder for line throwing guns. 2,388,749; Nov. 13.

La Pierre, Cramer W., Schenectady, N. Y., assignor to General Electric Company. Scanning apparatus for moving strip. 2,371,963; Mar. 20.

Lapin Products, Inc.: *See*—
Rosenheim, David, assignor.

La Place, Desmond R., Pittsburgh, Pa., assignor to Bocjl Corporation. Stapling apparatus. 2,368,552; Jan. 30.

La Place, Desmond R., assignor to Bocjl Corporation, Pittsburgh, Pa. Staple. 2,390,219; Dec. 4.

La Plant-Choate Mfg. Co., Inc.: *See*—
Austin, Ellsworth W., assignor.

Laplant-Choate Manufacturing Co. Inc.: *See*—
Paulsen, Thomas R, assignor.

Lapointe, Francis J., and J. W. Podesta, assignors to American Broach & Machine Co., Ann Arbor, Mich. Broaching machine. 2,371,053; Mar. 6.

La Pointe Machine Tool Company, The: *See*—
Bonnafe, Oliver W., assignor.

Lapp, Hans: *See*—
Meyer, K., and Lapp.

Lappin, David, Long Island City, N. Y. Stop leak pipe joint clamp. 2,366,341; Jan. 2.

Lapsley, Robert: *See*—
Backofen, R., and Lapsley.

Lapsley, Robert, Berrien Springs, assignor to Clark Equipment Company, Buchanan, Mich. Transmission. 2,368,148; Jan. 30.

Lapsley, Robert, Berrien Springs, assignor to Clark Equipment Company, Berrien, Mich. Torque converter. 2,389,520; Nov. 20.

Lapworth, Morvan: *See*—
Heywood, B. J., Knight, and Lapworth.

Laquay, Rudolf: *See*—
Maurer, F., and Laquay.

Larabee, Albert F., Jeannette, assignor to Pennsylvania Rubber Company, Borough of Jeannette, Pa. Tire manufacture. 2,376,494; May 22.

Larsaque, Roland, Paris, France; vested in the Alien Property Custodian. Shock absorbing means for aircraft landing gear. 2,378,712; June 19.

Larché, Kurt: *See*—
Kaising, H., Krefft, and Larché.

Large, Wayne V. K.: *See*—
Fitch, K. E. Large, and Lucek.

Large, Wayne V. K., Glenwood Landing, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Satellite teletypewriter switching system. 2,375,856; May 15.

Large, Wayne V. K., Glenwood Landing, and F. J. Singer, Rockville Centre, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Satellite teletypewriter switching system. 2,372,329; Mar. 27.

Larimore, Harvey T., Congress Park, assignor to Kalva Venders, Inc., Chicago, Ill. Multiple-flavor vending machine. 2,389,442; Nov. 20.

La Rizza, Anthony, Chelsea, Mass. Game cabinet. 2,370,050; Feb. 20.

Larkin, David, Kirkwood, assignor to Broderick & Bascom Rope Company, St. Louis, Mo. Mine sweeping cable. 2,384,038; Sept. 4.

Larkin, Gerald A.: *See*—
Larkin, L. J. and G. A., and Regan.

Larkin, John A., New York, N. Y. Riveted construction. 2,375,116; May 1.

Larkin, Leo J. and G. A., and J. J. Regan, assignors to La Crosse Rubber Mills Company, La Crosse, Wis. Footwear vulcanizer. 2,385,628; Sept. 25.

Larkin, Lester U., Chicago, Ill., assignor to Lul Products, Inc., Baltimore, Md. Apparatus for the manufacture of finned structures. 2,379,973; July 10.

La Rocque, Joseph E.: *See*—
Peterson, W. R., and La Rocque.

Larrecq, Anthony J., Indianapolis, Ind., assignor to General Electric Company, New York, N. Y. Combined centrifugal compressor and cooler. 2,367,223; Jan. 16.

Larrecq, Anthony J., Indianapolis, Ind., assignor to General Electric Company. Supercharged combustion engine arrangement. 2,375,006; May 1.

Larrison, Millard S., La Fayette, and H. B. Hass, West La Fayette, assignors to Purdue Research Foundation, La Fayette, Ind. Condensation of nitroalkanes with ketones. 2,383,603; Aug. 28.

Larsen, Andrew H., Green Bay, Wis. Garment hanger. 2,374,689; May 1.

Larsen, Earl I.: *See*—
Hensel, F. R., and Larsen.

Larsen, Earl I., V. E. Heil, and E. F. Swazy, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Electrical contact. 2,390,595; Dec. 11.

Larsen, Einer W., Elmhurst, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for positioning parts. 2,390,596; Dec. 11.

Larsen, James M., Brooklyn, assignor to Foster Wheeler Corporation, New York, N. Y. Vapor and liquid contact device. 2,391,464; Dec. 25.

Larsen, Olai F., Jr., Demarest, N. J., assignor, by mesne assignments, to Noma Electric Corporation, New York, N. Y. Pseudo-tracked vehicular toy. 2,384,687; Sept. 11.

Larsen, Olai F., Jr., Demarest, N. J., assignor to Noma Electric Corporation, New York, N. Y. Ball-operated toy. 2,390,442; Dec. 4.

Larsen, Paul V., Oakland, Calif., assignor to Pettibone Mulliken Corporation. Latching means for dipper doors. 2,374,108; Apr. 17.

Larsen, Robert G., Berkeley, and E. W. Zublin, assignors to Shell Development Company, San Francisco, Calif. Compounded mineral oil. 2,372,588; Mar. 27.

Larsen, Robert G., Albany, and H. Diamond, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Antifoaming composition. 2,375,007; May 1.

Larsen, Victor A., Altadena, Calif., assignor, by mesne assignments, to Lockheed Aircraft Corporation. Two-speed transmission. 2,379,164; June 26.

Larson, Anton L., assignor of one-fourth to O. E. Larson, Sturgeon Lake, one-fourth to P. A. Monson, and one-fourth to E. T. Monson, Minneapolis, Minn. Jar clamping device. 2,369,787; Feb. 20.

Larson, Arthur G., and C. S. Kelley, Forest Hills, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Control apparatus. 2,379,306; June 26.

Larson, Carl H., Elkhart, Ind., assignor to The Adlake Company. Electrode structure. 2,384,423; Sept. 4.

Larson, Charles O., Co.: *See*—
Larson, Charles O., assignor.

Larson, Charles O., assignor to Chas. O. Larson Co., Sterling, Ill. Pivotal awning or shade. 2,373,574; Apr. 10.

Larson, Charles O., assignor to Chas. O. Larson Co., Sterling, Ill. Saw horse. 2,376,787; May 22.

Larson, Charles O., assignor to Chas. O. Larson Co., Sterling, Ill. Picture hanger. 2,383,658; Aug. 28.

Larson, David C.: *See*—
Lantrup, G. W., and Larson.

Larson, Donald E., Chicago, Ill., assignor to Chicago Bridge & Iron Company. Lifter roof. 2,369,581; Feb. 13.

Larson, Frank W., Sioux City, Iowa. Rain gauge. 2,381,602; Aug. 7.

Larson, Glen M.: *See*—
Lewis, H. B., and Larson.

Larson, Gustave A., Wauwatosa, Wis. Dehydrator. 2,381,354; Aug. 7.

Larson, Kenneth R., Des Plaines, Ill., and G. M. Walraven, assignors to Snap-On Tools Corporation, Kenosha, Wis. Torque wrench. 2,367,224; Jan. 16.

Larson, Kenneth R., Des Plaines, Ill., and G. M. Walraven, assignors to Snap-On-Tools Corporation, Kenosha, Wis. Ratchet measuring wrench. 2,374,217; Apr. 24.

Larson, Larry A., et al.: *See*—
Wilson, Edgar I., assignor.

Larson, Olga E., et al.: *See*—
Larson, Anton L., assignor.

Larson, Robert C., Los Angeles, Calif. Tilting mechanism for Venetian blinds. 2,388,000; Oct. 30.

Larson, Robert E., St. Paul, Minn. Attached filler cap. 2,385,364; Sept. 25.

Larson, Swan E., assignor to Geo. D. Roper Corporation, Rockford, Ill. Rotary pump shaft seal. 2,391,577; Dec. 25.

Larson, Warren H., Minneapolis, Minn. Universal indicator clamp. 2,371,451; Mar. 13.

Larson, Werner J., West Hartford, Conn. Making woven resistance units. 2,375,997; May 15.

Larsson, Ernst A., assignor to The Ohio Brass Company, Mansfield, Ohio. Car coupling equipment. 2,381,603; Aug. 7.

Larsson, Ernst A., assignor to The Ohio Brass Company, Mansfield, Ohio. Current collector head and trolley pole harp. 2,385,582; Sept. 25.

Larsson, Johan D. S., Eskilstuna, Sweden. Door check and closer. 2,377,636; June 5.

Larsson, Sven, Sandviken, Sweden. Multiple roll mill. 2,368,030; Jan. 23.

LaSalle National Bank trustee: *See*—
Hatch, W. E., and Rollins, assignors.
Haug, Eugene H., assignor.

Lasar, William, Huntington Park, Calif. Meat cutting machine. 2,380,700; July 31.

Lashar, Walter B., Fairfield, and R. F. Warren, Jr., Stratford, Conn. Cushion. 2,385,870; Oct. 2.

Lasher, Edward A.: *See*—
Bush, W. A., and Lasher.

Lasher, George: *See*—
Eastman, Harold, assignor.

Laskin, Jacob E., Shaker Heights Ohio. Orthodontic bracket. 2,368,851; Feb. 6.

Laskin, Jacob E., Shaker Heights, Ohio. Orthodontia appliance. 2,379,011; June 26.

Laskin, Jacob E., Shaker Heights, Ohio. Orthodontic bracket spring. 2,381,128; Aug. 7.

Laskin, Jacob E., Shaker Heights, Ohio. Arch bar clip. 2,386,124; Oct. 2.

Lassagne, Theodore H.: *See*—
Avery, H. T., and Lassagne.

Lassen, Elvind U., Whitefish Bay, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Controller for motor operated machines. 2,375,928; May 15.

Lassen, Elvind U., Whitefish Bay, Wis., and A. A. Johnson, Forest Hills, N. Y.; said Lassen assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Controller for towing winches and other machines. 2,372,963; Apr. 3.

Lassen, Elvind U., Whitefish Bay, and J. M. Newman, Wauwatosa, assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Motor control system. 2,381,604; Aug. 7.

Lassen, Sven H., assignor of one-half to Phillip B. Park, Inc., San Pedro, and one-half to Van Camp Sea Food Company, Inc., Terminal Island, Calif. Treating fish press. 2,372,677; Apr. 3.

Lassiat, Raymond C.: *See*—
Thayer, C. H., and Lassiat.

Lassiat, Raymond C., Media, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Apparatus for effecting contacting reactions. 2,376,365; May 22.

Latchum, John W., Jr., Bartlesville, Okla., assignor to Phillips Petroleum Company. Separation of hydrocarbons. 2,390,720; Dec. 11.

Latchum, John W., Jr., and J. D. Upham, Bartlesville, Okla., assignors to Phillips Petroleum Company. Removal of metal halides from fluids. 2,368,309; Jan. 30.

Lateiner, Charles, New Rochelle, assignor to Elba Trading Corporation, Brooklyn, N. Y. Camera construction. 2,380,453; July 31.

Latham, Allen, Jr., Jamaica Plain, Mass., assignor to Arthur D. Little, Inc., Cambridge, Mass. Supplying clarified liquid. 2,381,760; Aug. 7.

Latham, Allen, Jr., Jamaica Plain, assignor to Arthur D. Little, Inc., Cambridge, Mass. Method of and apparatus for distillation. 2,389,064; Nov. 13.

Latham, Allen, Jr., Jamaica Plain, assignor to Arthur D. Little, Inc., Cambridge, Mass. Distillation method and apparatus. 2,389,789; Nov. 27.

Latham, George H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Compositions comprising solid ethylene polymers. 2,369,471; Feb. 13.

Lathrop, Elbert C., and S. I. Aronovsky, Peoria, Ill., assignors to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Filter medium. 2,372,437; Mar. 27.

Lathrop, Frank C.: *See*—
Lathrop, Harvey B.

Lathrop, Fred H.: *See*—
Kahler, W., and Lathrop.

Lathrop, Harold F., Grabill, Ind., assignor to General Electric Company. Refrigerating system. 2,388,556; Nov. 6.

Lathrop, Harry D., and E. E. Hageline, assignors to The Lathrop-Paulson Company, Chicago, Ill. Washing mechanism. 2,369,358; Feb. 13.

Lathrop, Harvey, Forest Hills, N. Y. Traveling case. 2,389,788; Nov. 27.

Lathrop, Harvey B., St. Cloud, assignor of twenty-five per cent to F. C. Lathrop, Moorhead, Minn. Prefabricating jig. 2,376,604; May 22.

Lathrop-Paulson Company, The: *See*—
Lathrop, H. D., and Hageline, assignors.

La Torraca, Anthony, Newark, N. J. Hair waving appliance. 2,374,943; May 1.

La Tour, Harry: *See*—
Wolford, D. S., and La Tour.

Latour, Theodore R., Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Plasticized rubber hydrochloride sheet. 2,374,759; May 1.

Latscher-Latka, Eric, Vienna, Germany; vested in the Alien Property Custodian. Motorcycle springing. 2,376,788; May 22.

Latta, Lynn H.: *See*—
Nuffer, J. H., and Latta.

Latter, Barney, assignor to J. B. Simpson, Inc., Chicago, Ill. Garment construction. 2,366,862; Jan. 9.

Laube, Grover, assignor to Twentieth Century-Fox Film Corporation, Los Angeles, Calif. Lens cap. 2,375,420; May 8.

Lauck, John A., South Euclid, assignor to Pesco Products Co., Cleveland, Ohio. Equalizer and shutoff valve. 2,368,852; Feb. 6.

Lauck, John A., South Euclid, assignor to Pesco Products Co., Cleveland, Ohio. Multiple unit compact gear divider assembly. 2,386,219; Oct. 9.

Laucks, I. F., Inc.: *See*—
Carmichael, Ogden, assignor.
Golick, A. J., and Dike, assignors.
Laucks, I. F., Merritt, Lawshe, and Dike, assignors.

Laucks, Irving F., Seattle, Wash., E. H. Merritt, Lockport, N. Y., and W. D. Lawshe and T. W. Dike, assignors to I. F. Laucks, Inc., Seattle, Wash. Handling and pressing means and method. 2,390,159; Dec. 4.

Laue, Charles E., Chicago, Ill. Valve. 2,374,690; May 1.

Laue, Charles E., Chicago, Ill. Compression fitting. 2,377,891; June 12.

Laue, Karl E. E., Syracuse, assignor to The Solvay Process Company, New York, N. Y. Making a bleaching agent. 2,384,629; Sept. 11.

Lauer, Carleton J., and R. L. Bowers, Flint, assignors to General Motors Corporation, Detroit, Mich. Fuel pump. 2,380,656; July 31.

Lauer, Walter M., St. Paul, Minn., assignor, by mesne assignments, to United States Secretary of Agriculture, or his successors in office. Antioxidants. 2,373,192; Apr. 10.

Laufenberg, Walter, Berlin-Lankwitz, E. Maslanka, Birkenwerder, near Berlin, and H. Weissenburger, Berlin-Tempelhof, Germany, assignors, by mesne assignments, to The Licoro Corporation, New York, N. Y. Synthetic plastics and films and producing them. 2,382,238; Aug. 14.

Laufer, Louis, assignor to Schwarz Laboratories, Inc., New York, N. Y. Nucleic acid. 2,379,912; July 10.

Laufer, Louis, and J. Charney, assignors to Schwarz Laboratories Inc., New York, N. Y. Recovery of rare sugars. 2,379,913; July 10.

Laufer, Louis, and J. Charney, assignors to Schwarz Laboratories, Inc., New York, N. Y. Recovery of rare sugars. 2,379,914; July 10.

Laughlin, Homer, China Company, The: *See*—
Emerson, Walter H., assignor.

Laughton, George W., Jr., assignor to Marine Iron & Ship Building Company, Duluth, Minn. Cutting metal. 2,381,355; Aug. 7.

Laukhuff, Walter: *See*—
Wagner, M., and Laukhuff.

Lauks, I. F., Inc.: *See*—
Hubert, Ernest E., assignor.

Laundrey, Chalmers F., et al.: *See*—
Kling, Alan L., assignor.

Lauper, Werner, Bienne, assignor to Nouvelle Zesar S. A. Nidau, near Bienne, Switzerland. Speed change gear. 2,366,912; Jan. 9.

Laurain, Roy C., Dearborn, Mich. Double-action piston rod. 2,383,136; Aug. 21.

Laurent, Milton P., Houston, Tex. Plug structure. 2,370,804; Mar. 6.

Lausberg, Charles E. A., Paterson, N. J. Heddle bar support. 2,376,258; May 15.

Lautenschläger, Franz, Berlin-Nikolassee, Germany; vested in the Alien Property Custodian. Syringe for medical purposes. 2,375,929; May 15.

Lautmann, Alfred J., assignor to Iodent Chemical Company, Detroit, Mich. Welding. 2,380,054; July 10.

Lautrup, George W., and D. C. Larson, Yonkers, assignors to Otis Elevator Company, New York, N. Y. Moving stairway handrail drive. 2,373,764; Apr. 17.

Lautsch, Willy: *See*—
Freudenberg, K., and Lautsch.

Lavietes, David P.: *See*—
Calhoun, Earl E., assignor.

Lavietes, David P., Brooklyn, N. Y. Curing briar for pipe manufacture. 2,367,360; Jan. 16.

Lavin, John J., Chicago, Ill. Automatic overload and power releasing device. 2,376,925; May 29.

Law, George H., and J. H. Purse, South Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation. Insecticides. 2,390,597; Dec. 11.

Law, Hugh, Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Work handling mechanism. 2,376,495; May 22.

Lawe, Thomas: *See*—
Sturrock, M. G., and Lawe.

Lawler Automatic Controls: *See*—
Lawler, James R., assignor.

Lawler, Frank P., Chicago, Ill., assignor to Service Supply Corporation, Philadelphia, Pa. Double drum hoist. 2,376,972; May 29.

Lawler, James R., Pelham, assignor to Lawler Automatic Controls, Mt. Vernon, N. Y. Heating system. 2,369,242; Feb. 13.

Lawler, John A., Los Angeles, Calif., and S. K. Hoffman, Williamsport, Pa., assignors to Aviation Corporation, New York, N. Y. Two-speed driving mechanism. 2,386,220; Oct. 9.

Lawler, William R., Burbank, Calif. Safety rivet set. 2,379,809; July 3.

Lawlor, Joseph P., Ames, Iowa. Method and apparatus for treating water. 2,376,543; May 22.

Lawlor, Joseph P., Ames, Iowa. Method and apparatus for treating water. 2,382,490; Aug. 14.

Lawlor, Reed C., Pasadena, and H. E. Metcalf, San Francisco, assignors to Consolidated Engineering Corporation, Pasadena, Calif. Geochemical prospecting system. 2,376,366; May 22.

Lawrence, A. C., Leather Company: *See*—
Griffin, R. L., and Moore, assignors.

Lawrence, Alfred A., Port Chester, N. Y., and S. L. Bass, assignors to The Dow Chemical Company, Midland, Mich. Stiffened fabrics. 2,370,550; Feb. 27.

Lawrence, Charles K., Baldwinsville, and R. F. Engle, Syracuse, assignors to The Solvay Process Company, New York, N. Y. Preventing corrosion of ferrous metals by ammoniacal solutions of ammonium nitrate. 2,366,796; Jan. 9.

Lawrence, Charles K., Baldwinsville, and R. F. Engle, Syracuse, assignors to The Solvay Process Company, New York, N. Y. Preventing corrosion of ferrous metals by solutions of electrolytes. 2,377,792; June 5.

Lawrence, Donald M., Caldwell, N. J., and S. K. Lehman, Brooklyn, N. Y., assignors to Bendix Aviation Corporation, South Bend, Ind. Flow regulating system. 2,390,487; Dec. 4.

Lawrence, George S., Chester, Pa. Toy tank. 2,388,638; Nov. 6.

Lawrence, Harold J., Mariemont, assignor to The Liebel-Flarsheim Company, Cincinnati, Ohio. Crutch for surgical tables. 2,366,972; Jan. 9.

Lawrence, Harold J., Milwaukee, Wis., assignor to The Liebel-Flarsheim Company, Cincinnati, Ohio. Crutch. 2,391,717; Dec. 25.

Lawrence, Howard C., Jr., Haddonfield, N. J., assignor to Radio Corporation of America. Ultra-high frequency wavemeter. 2,379,165; June 26.

Lawrence, Howard C., Jr., Haddonfield, N. J., assignor to Radio Corporation of America. Radio receiver. 2,387,666; Oct. 23.

Lawrence, Howard F., assignor, by mesne assignments, to American Engineering Company, Philadelphia, Pa. Position control mechanism. 2,391,578; Dec. 25.

Lawrence Paper Company: *See*—
Anderson, Roy D., assignor.

Lawrence, Richard R., Liberty, Tex. Wire line safety control packer. 2,376,606; May 22.

Lawrence, Richard R., Liberty, Tex. Pulling tool. 2,377,249; May 29.

Lawrence, Robert H., Fort Worth, Tex., assignor of one-half to Henry T. Marshall, Sweetwater, Tex. Attachment for sport or similar shoes. 2,372,501; Mar. 27.

Lawrence, Robert W., assignor to Hercules Powder Company, Wilmington, Del. Composition of matter. 2,368,765; Feb. 6.

Lawrence, Robert W., assignor to Hercules Powder Company, Wilmington, Del. Carbonaceous material. 2,375,008; May 1.

Lawrence, Thomas B.: *See*—
Erwin, G. C., and Lawrence.

Lawrence, Walter P.: *See*—
Murdock, H. R., and Lawrence.

Lawrenz, Otto, Chicago, Ill. Cutting recesses. 2,389,201; Nov. 20.

Lawshe, Errol R., assignor to Becton, Dickinson & Co., Rutherford, N. J. Blood collecting instrument. 2,376,436; May 22.

Lawshe, Walter D.: *See*—
Laucks, I. F., Merritt, Lawshe, and Dike.

Lawson, Birdsall P., assignor to Pelling Chain Company, Providence, R. I. Mechanism for forming sliders. 2,366,269; Jan. 2.

Lawson, Elmer J.: *See*—
Marker, R. E., and Lawson.
Parke, H. C., and Lawson.

Lawson, Elmer J., and H. C. Parke, assignors to Parke, Davis & Company, Detroit, Mich. Preparation of vitamin intermediate. 2,372,092; Mar. 20.

Lawson, Everett L., and R. V. Stegman, Los Angeles, Calif. Cutting tool. 2,379,307; June 26.

Lawson, Gerald W., Malden, Mass., assignor to General Electric Company. Gas turbine. 2,385,006; Sept. 18.

Lawson, John W., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Switch. 2,377,250; May 29.

Lawson, John W., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Lighting system. 2,383,202; Aug. 21.

Lawson, John W., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Switch. 2,385,629; Sept. 25.

Lawson, Lloyd, et al.: *See*—
Rainsford, Thomas F., assignor.

Lawson, Robert H., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Power transmitting mechanism. 2,374,360; Apr. 24.

Lawson, Robert H., Lakeport, assignor to Scott & Williams, Incorporated, Laconia, N. H. Knitted fabric with elastic selvage. 2,380,768; July 31.

Lawson, Robert H., and P. W. Bristow, Laconia, N. H., assignors to Scott & Williams, Incorporated. Knitting machine. 2,388,750; Nov. 13.

Lawson, Thomas A., San Francisco, Calif. Roof covering. 2,373,317; Apr. 10.

Lawson, Walter M.: *See*—
Castner, J. B., and Lawson.

Lawton, C. A., Company, The: *See*—
Witbro, Alexander W., assignor.

Lawton, George W., assignor to The United States Bung Manufacturing Company, Cincinnati, Ohio. Forming bungs. 2,378,713; June 19.

Lawton, Jarvis K., Allentown, Pa. Drain pipe cleaning gun. 2,386,870; Oct. 16.

Lax, Henry, New York, N. Y. Oscillosphygmograph. 2,371,244; Mar. 13.

Laxo, Ed, Riverside, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Apparatus for tinning margins of black iron can body blanks. 2,382,236; Aug. 14.

Laxo, Ed, Riverside, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Apparatus for tinning margins of black iron can body blanks. 2,382,237; Aug. 14.

Laxo, Ed., Riverside, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Apparatus for tinning the edges of can body blanks. 2,384,556; Sept. 11.

Layng, Edwin T., assignor to The Polymerization Process Corporation, Jersey City, N. J. Catalyst preparation. 2,367,877; Jan. 23.

Layng, Edwin T., Jersey City, N. J., and D. B. Payne, Chicago, Ill., assignors of one-half to Standard Oil Company, and one-half to The M. W. Kellogg Company. Multistage dehydroaromatization. 2,374,109; Apr. 17.

Laystrom, C. A., et al.: *See*—
Barna, Joseph W., assignor.

Lazan, Benjamin J., State College, Pa. Materials testing apparatus. 2,366,342; Jan. 2.

Lazar, Arthur, Concord, P. M. Ruedrich, Berkeley, and R. L. Frazier, Concord, Calif., assignor to Associated Oil Company, and Tide Water Associated Oil Company. Lubricant and preparing the same. 2,371,763; Mar. 20.

Lazarus, Meyer, Forrest Hills, N. Y. Contacting terminal structure for oxidation products of electrical devices. 2,370,104; Feb. 20.

Lazier, Wilbur A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of vinyl halides. 2,389,626; Nov. 27.

Lazier, Wilbur A., Wilmington, and G. M. Whitman, Claymont, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthesis of vinyl chloride. 2,391,465; Dec. 25.

Lea, Henry V., and L. W. Schmidt, Rio Vista, Calif., assignors of twenty-one and one-fourth per cent to C. A. Loucks, thirty-six and one-fourth percent to L. K. Schmidt, twenty-one and one-fourth percent to A. M. Jongeneel and twenty-one and one-fourth percent to G. P. du Bose. Plow assembly for beet harvesters. 2,377,347; June 5.

Lea, Henry V., and L. W. Schmidt, Rio Vista, and G. P. du Bose, Stockton, Calif., assignors of twenty-one and one-fourth per cent to C. A. Loucks, thirty-six and one-fourth per cent to L. K. Schmidt, twenty-one and one-fourth per cent to A. M. Jongeneel and twenty-one and one-fourth per cent to said du Bose. Leaf cutting attachment for beet harvesters. 2,380,701; July 31.

Lea, Percy R., Stockton, Calif. Automatic propeller pitch control device. 2,382,072; Aug. 14.

Lea, William C., Los Angeles, Calif. Collet holder. 2,389,372; Nov. 20.

Leach Company: *See*—
Mott, Carl W., assignor.

Leach, George O.: *See*—
Jones, Ernest G.

Leach, Jonathan L.: *See*—
Hubbard, K. H., Mason, and Leach.

Leach, Lawrence D., and L. G. Strom, Minneapolis, Minn.; said Strom assignor to said Leach. Brush holder. 2,382,799; Aug. 14.

Leach, Robert H., Fairfield, Conn., assignor to Handy & Harman, New York, N. Y. Alloys. 2,383,976; Sept. 4.

Leadbetter, Ralph L., Wheaton, assignor, by mesne assignments, to Burgess-Manning Company, Chicago, Ill. Silencer and solid particle separator. 2,389,988; Nov. 27.

Leander, Russell J., assignor to The Leaton Corporation, Chicago, Ill. Indicia and applying. 2,381,605; Aug. 7.

Leander, Russell J., assignor to The Leaton Corporation, Chicago, Ill. Stencil and stenciling. 2,383,913; Aug. 28.

Leape, Charles B., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Scraper head for wire. 2,370,051; Feb. 20.

Leape, Charles B., and G. R. Haywood, Forest Hills, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Apparatus for testing enameled wire. 2,372,093; Mar. 20.

Lear Avia, Inc.: *See*—
Lear, William P., assignor.

Lear, Earl B., Garfield Heights, assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Brake for hoists. 2,382,644; Aug. 14.

Lear, Earl B., Garfield Heights, and J. A. Hope, Lakewood, assignors, by mesne assignments, to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Hoist control. 2,378,225; June 12.

Lear, Incorporated: *See*—
Lear, William P., assignor.

Lear, William P., assignor to Lear Avia, Inc., Piqua, Ohio. Multiple actuator system. 2,366,734; Jan. 9.

Lear, William P., North Hollywood, Calif., assignor to Lear Avia, Inc., Piqua, Ohio. Actuator mounting. 2,367,033; Jan. 9.

Lear, William P., North Hollywood, Calif., assignor, by mesne assignments, to Lear, Incorporated, Piqua, Ohio. Selective driving system. 2,370,976; Mar. 6.

Lear, William P., North Hollywood, Calif., assignor, by mesne assignments, to Lear, Incorporated, Piqua, Ohio. Direction radio transmitting system. 2,375,421; May 8.

Lear, William P., assignor, by mesne assignments, to Lear, Incorporated, Piqua, Ohio. Radio cabinet. 2,377,432; June 5.

Lear, William P., Dayton, assignor, by mesne assignments, to Lear, Incorporated, Piqua, Ohio. Radio guidance system. 2,379,362; June 26.

Lear, William P., Dayton, assignor, by mesne assignments, to Lear, Incorporated, Piqua, Ohio. Aircraft radio localizer system. 2,379,363; June 26.

Lear, William P., Chicago, Ill., assignor, by mesne assignments, to Lear, Incorporated, Piqua, Ohio. Radio direction finding system. 2,384,317; Sept. 4.

Lear, William P., North Hollywood, Calif., assignor, by mesne assignments, to Lear, Incorporated, Piqua, Ohio. Variable drive control. 2,385,630; Sept. 25.

Leary, Richard E., Newark, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Method of and apparatus for shaping thermoplastic sheets. 2,377,946; June 12.

Leary, Richard E., Newark, and B. M. Marks, Upper Montclair, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Treating acrylic resins. 2,369,057; Feb. 6.

Lease, John F., assignor of one-half to G. H. Barnes, Pico, Calif. Folding metal chicken crate. 2,373,481; Apr. 10.

Leatherman, Martin, Hyattsville, Md. Fireproofing compositions. 2,378,714; June 19.

Leatherman, Martin, Hyattsville, Md. Fireproofing compositions. 2,378,716; June 19.

Leathers, Chester F., assignor to Progressive Welder Company, Detroit, Mich. Welding apparatus. 2,372,211; Mar. 27.

Leathers, Lou E., Dixon, Calif. Wrench. 2,386,616; Oct. 9.

Leathers, Ward, Brooklyn, assignor to Quadrex Corporation, New York, N. Y. Strain-relief for electric cords. 2,375,373; May 8.

Leathers, Ward, Brooklyn, and H. Panissidi, Jamaica, assignors to International Business Machines Corporation, New York, N. Y. Data storing device and data selecting means therefor. 2,385,007; Sept. 18.

Leathers, Ward, and J. Haddad, Brooklyn, assignors to International Business Machines Corporation, New York, N. Y. Data storing device and selecting means therefor. 2,386,482; Oct. 9.

Leaton Corporation, The: *See*—
Leander, Russell J., assignor.

Leaver, Paul J., Lowell, Mass., and P. W. Matthews, Fontana, Calif. Propeller hoist. 2,381,913; Aug. 14.

Leavitt Machine Company, The: *See*—
Wilcox, Philip E., assignor.

Leavitt, Roger P.: *See*—
Koch, G. J., and Leavitt.

Le Baron, Ira M., Arnold, assignor to Aluminum Company of America, Pittsburgh, Pa. Aluminum alloy. 2,381,219; Aug. 7.

Le Beau, Arthur, Chicago, Ill., assignor to Petrogalar Laboratories, Inc. Box opening machine. 2,379,090; June 26.

Lebedeff, Yurii E.: *See*—
Betterton, J. O., and Lebedeff.

Lebedeff, Yurii E., Metuchen, N. J., assignor to American Smelting and Refining Company, New York, N. Y. Reclaiming magnesium from scrap. 2,383,659; Aug. 28.

Lebermann, August A., Highland Park, Mich. Utility tooth rest. 2,366,225; Jan. 30.

Le Bleu, Charles, Los Angeles, Calif. Selector, control valve and the like. 2,384,318; Sept. 4.

Le Blond, R. K., Machine Tool Company, The: *See*—
Blond, R. K., and Kemper, assignors.
Carr, Charles M., assignor.
Groene, William F., assignor.
Groene, W. F., and Aufderhar, assignors.
Groene, W. F., and Meyer, assignors.

Le Blond, Richard K., Cincinnati, and H. C. Kemper, Goshen Township, Clermont County, assignors to The R. K. Le Blond Machine Tool Co., Cincinnati, Ohio. Milling machine drive mechanism. 2,389,627; Nov. 27.

Lebold, Samuel N., assignor to Morris Paper Mills, Chicago, Ill. Bottle holder. 2,389,318; Nov. 20.

Le Bras, Jean N. L.: *See*—
Compagnon, P. H. M., and Le Bras.

Lebrecht, Carl E., San Antonio, Tex. Dispensing device. 2,380,533; July 31.

Le Brun, Rosario W., Waterloo, N. Y. Dial indicator. 2,368,479; Jan. 30.

Lebus, William A., assignor to Prismacolor, Inc., Chicago, Ill. Projector. 2,384,319; Sept. 4.

Lecher, Hans Z.: *See*—
Adams, F. H., Lecher, and Hardy.

Lecher, Hans Z., Plainfield, and W. B. Hardy and F. H. Adams, Bound Brook, N. J., assignors to American Cyanamid Company, New York, N. Y. Stabilization of coloring compositions containing diazonium salts. 2,378,305; June 12.

Lecher, Hans Z., Plainfield, J. P. Goulding, Neshanic Station, and R. P. Parker, Somerville, N. J., assignors to American Cyanamid Company, New York, N. Y. Azo dyestuff derivatives of 6-amino-1,3 benzodioxan. 2,379,725; July 3.

Lecher, Hans Z., Plainfield, and J. K. Dixon, Bound Brook, N. J., assignors to American Cyanamid Company, New York, N. Y. Acetylation of cyanohydrins. 2,383,137; Aug. 21.

Lecher, Hans Z., Plainfield, R. P. Parker and R. S. Long, Somerville, N. J., assignors to American Cyanamid Company, New York, N. Y. Azo dyestuffs from 5-amino coumaran. 2,383,264; Aug. 21.

Lecher, Hans Z., Plainfield, R. P. Parker, Somerville, and J. J. Denton, Bound Brook, N. J., assignors to American Cyanamid Company, New York, N. Y. N-substituted derivatives of 4,4'-diamino-diphenyl ether. 2,385,088; Sept. 18.

Lecher, Hans Z., Plainfield, and W. B. Hardy, Bound Brook, N. J., assignors to American Cyanamid Company, New York, N. Y. Preparation of the addition compound of trimethylamine and sulphur trioxide. 2,386,693; Oct. 9.

Lecher, Hans Z., Plainfield, and J. P. Goulding, Neshanic Station, N. J., assignors to American Cyanamid Company, New York, N. Y. Azo dyestuff derivatives of 5-amino-1,3 benzodioxole. 2,387,848; Oct. 30.

Lechler, Bruno C., Moline, Ill., assignor to American Machine and Metals, Inc., New York, N. Y. Safety electric control for fluid-operated machines. 2,369,243; Feb. 13.

Lechthaler, Charles H., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Method and apparatus for the conversion of hydrocarbons. 2,384,932; Sept. 18.

Lecky, Prescott, and J. J. Shively, New York, N. Y. Explosive and detonating apparatus. 2,368,310; Jan. 30.

Le Clair, Camille C. S., Acton, London, England. Reciprocating pump. 2,371,054; Mar. 6.

Le Clair, Camille C. S., Acton, London, England. Pump. 2,377,251; May 29.

Le Clair, Camille C. S., Acton, London, England. Reciprocating pump. 2,383,324; Aug. 21.

Le Clair, Camille C. S., Ealing, London, England. Preventing the aeration of liquid in liquid circulating systems. 2,374,822; May 1.

Le Clair, Camille C. S., Ealing, London, England. Feeding deicing liquids to air foil surfaces. 2,386,125; Oct. 2.

Le Clair, Camille C. S., Ealing, London, England. Reciprocating pump. 2,390,798; Dec. 11.

Le Clair, Titus G., Chicago, Ill. Automatic printing and totalizing metering system. 2,366,913; Jan. 9.

Le Clair, Titus G., Chicago, Ill., J. R. Harrington, Mansfield, and B. H. Smith, Shelby, Ohio; said Harrington and said Smith assignors to said Le Clair. Printing mechanism. 2,366,914; Jan. 9.

Le Clair, William, Martindale, Mont. Carcass handling apparatus. 2,366,535; Jan. 2.

Le Compte, George C.: *See*—
Johnston, A., and Le Compte.

Lecorguillier, Jean, Suresnes, France; vested in the Alien Property Custodian. Device for starting and feeding electric discharge tubes. 2,373,402; Apr. 10.

Ledbetter, Leonard L., et al.: *See*—
Deavenport, Ben M., assignor.

Lederer, Iven W.: *See*—
Stephens, L. A., and Lederer.

Lederer, Karl M., assignor to Weston Electrical Instrument Corporation, Newark, N. J. Resistance element. 2,379,530; July 3.

Lederle Laboratories, Inc.: *See*—
Baker, Bernard R., assignor.
Carlson, G. H., and Hotchkiss, assignors.
Carlson, G. H., and Safir, assignors.
Dyas, Clair S., assignor.
Moos, A. M., and Price, assignors.
Parfentjev, Ivan A., assignor.
Stirn, Frank E., assignor.

Lederman, Mack E., Seattle, Wash. Surface waxing and polishing machine. 2,388,486; Nov. 6.

Ledin, Charles, and P. T. Krause, Stamford, Conn. Latch bolt holdback. 2,379,810; July 3.

Leditschke, Heinrich: *See*—
Bockmühl, M., Schaumann, Bartholomäus, and Leditschke.

Ledoux, Robert F., Springfield, Mass. Reproduction method. 2,386,806; Oct. 16.

Leduc, Wilbur: *See*—
Eaton, W. C., and Leduc.

Ledwin, Richard D.: *See*—
Koester, N. C., Benzel, and Ledwin.

Ledwinka, Joseph, assignor to E. G. Budd Manufacturing Company, Philadelphia, Pa. Truck, especially for rail cars. 2,370,605; Feb. 27.

Ledwinka, Joseph, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Truck. 2,374,218; Apr. 24.

Lee, Alan P., Madison, and W. G. King, Jr., Montclair, N. J. Purification and deodorization process. 2,368,669; Feb. 6.

Lee, Arthur L., Upper Arlington, Ohio, assignor to The Jeffrey Manufacturing Company. Shuttle car. 2,381,672; Aug. 7.

Lee, Arthur L., Upper Arlington, Ohio, assignor to The Jeffrey Manufacturing Company. Mining machine. 2,387,159; Oct. 16.

Lee, Asa R., assignor to Designers For Industry, Inc., Cleveland, Ohio. Altimeter. 2,378,226; June 12.

Lee, Asa R., assignor to Designers For Industry, Inc., Cleveland, Ohio. Rate-of-climb indicator. 2,378,227; June 12.

Lee, Bernard F., Framingham, assignor to Jacob Sandler, Brookline, Mass. Shoemaking. 2,381,356; Aug. 7.

Lee, Charles A., U. S. Navy, Laramie, Wyo. Apparatus for hydrodynamic-testing of ship models. 2,378,412; June 19.

Lee, Charles A., U. S. Navy, Laramie, Wyo. Circulating water channel. 2,382,999; Aug. 21.

Lee, Edward C., deceased, Chicago, Ill., by J. S. Lee, Ames, Iowa, administratrix, and J. E. Ahlberg, New York, N. Y., assignors to Universal Oil Products Company, Chicago, Ill. Catalytic conversion process. 2,381,825; Aug. 7.

Lee, Edward C., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oil. 2,382,239; Aug. 14.

Lee, Edwin C., London, W. C. 2, England, assignor to International Standard Electric Corporation, New York, N. Y. Attachment of metal fittings to insulators. 2,374,658; Apr. 24.

Lee, Edwin C., London, W. C. 2, England, assignor to International Standard Electric Corporation, New York, N. Y. Articles formed from paper impregnated with polymerised material. 2,389,733; Nov. 27.

Lee, Elizabeth K.: *See*—
Lee, H. C., Lee, and Schoenlaub.

Lee, Floyd J.: *See*—
Griswold, G. G., and Lee.
Hull, J. L., and Lee, assignors.

Lee, Floyd J., La Habra, assignor of one-half to J. L. Hull, Los Angeles, Calif. Fire extinguishing apparatus. 2,381,606; Aug. 7.

Lee, Floyd J., La Habra, assignor of one-half to J. L. Hull, Los Angeles, Calif. Liquid-ejecting apparatus. 2,381,607; Aug. 7.

Lee Foundation for Nutritional Research: *See*—
Lee, Royal, assignor.

Lee, Frederick W., Owings Mills, Md., assignor to the Government of the United States as represented by the Secretary of the Interior. Producing artificial thermals. 2,371,629; Mar. 20.

Lee, Harley C., and E. K. Lee, Columbus, and R. A. Schoenlaub, Tiffin, assignors to Basic Refractories, Inc., Cleveland, Ohio. Treatment of lime-containing raw materials. 2,382,886; Aug. 14.

Lee, Harold, Seattle, Wash. Prefabricated vessel construction. 2,371,964; Mar. 20.

Lee, Harry E., Oswego, assignor to St. Regis Paper Company, New York, N. Y. Method of and apparatus for producing valved or sleeved bags. 2,387,274; Oct. 23.

Lee, Harry F., Grand Junction, Colo. Aerial cannon. 2,384,320; Sept. 4.

Lee, Harry F., Grand Junction, Colo. Variable camber airplane wing. 2,384,933; Sept. 18.

Lee, Henry B., assignor to The Ludlow Valve Manufacturing Co., Inc., Troy, N. Y. Check valve. 2,368,149; Jan. 30.

Lee, Jess M., Los Angeles, Calif. Heat-treating system. 2,383,203; Aug. 21.

Lee, John, assignor to Hoffmann-La Roche, Inc., Nutley, N. J. Betaine esters. 2,367,878; Jan. 23.

Lee, John, Nutley, N. J., and S. D. Heineman, New York, N. Y. Manufacture of pantothenic acid. 2,371,245; Mar. 13.

Lee, John, Nutley, N. J., and S. D. Heineman, New York, N. Y., assignors to Hoffmann-La Roche Inc., Nutley, N. J. Manufacture of nicotinic acid. 2,389,065; Nov. 13.

Lee, John, Essex Fells, and L. Berger, assignors to Hoffmann-LaRoche, Inc., Nutley, N. J. α-Aniline-N-d-ribofuranoside and manufacture thereof. 2,383,977; Sept. 4.

Lee, John, Essex Fells, U. V. Solmssen, Clifton, and L. Berger, assignors to Hoffmann-LaRoche, Inc., Nutley, N. J. Aromatic amine-n-pentapyranosides and manufacture of same. 2,384,102; Sept. 4.

Lee, John, Essex Fells, U. V. Solmssen, Clifton, and L. Berger, assignors to Hoffmann-LaRoche, Inc., Nutley, N. J. Manufacture of pentoses. 2,384,103; Sept. 4.

Lee, John, Essex Fells, and L. Berger, assignors to Hoffmann-La Roche, Inc., Nutley, N. J. Triacyl pentoses and manufacture thereof. 2,384,104; Sept. 4.

Lee, John, Essex Fells, U. V. Solmssen, Clifton, and L. Berger, assignors to Hoffmann-LaRoche, Inc., Roche Park, Nutley, N. J. Ribitylaminobenzenes and manufacture thereof. 2,384,105; Sept. 4.

Lee, Julia S., administratrix: *See*—
Lee, E. C., and Ahlberg.

Lee, Lewis B.: *See*—
Dake, Charles W., assignor.

Lee, Martin L., Brooklyn, N. Y. Projectile. 2,372,383; Mar. 27.

Lee, Marvin, Rye, N. Y., assignor to Burndy Engineering Company, Inc. Coined wire splice. 2,375,480; May 8.

Lee, Marvin, Rye, and I. F. Matthysse, Bronx, N. Y., assignors to Burndy Engineering Company, Inc. Manufacturing a connector tubular splice with worked inner serrations. 2,375,481; May 8.

Lee, Paul R., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,374,022; Apr. 17.

Lee, Robert E., assignor to The Standard Register Company, Dayton, Ohio. Stationery. 2,377,348; June 5.

Lee, Robert J. L., Cleveland, assignor to The McBee Company, Athens, Ohio. Comparative data file. 2,368,228; Jan. 30.

Lee, Roger K., Detroit, Mich. Control device for automotive vehicles. 2,366,413; Jan. 2.

Lee, Roger K., Detroit, Mich. Spring suspension for vehicles. 2,379,012; June 26.

Lee, Royal, assignor to Lee Foundation for Nutritional Research, Milwaukee, Wis. Preservation of liquid foods. 2,374,219; Apr. 24.

Lee, William McC.: *See*—
Schreiber, R. P., and Lee.

Leeds and Northrup Company: *See*—
Bristol, Edward S., assignor.
Godsbalk, James B., assignor.
Stein, Irving M., assignor.
Williams, Albert J., Jr., assignor.

Leeds, Benjamin L., North Pelham, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Sighting instrument. 2,378,937; June 26.

Leeds, Winthrop M., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,372,094; Mar. 20.

Leeds, Winthrop M., Wilkinsburg, and B. P. Baker, Turtle Creek, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,372,589; Mar. 27.

Leeds, Winthrop M., Wilkinsburg, and B. P. Baker, Turtle Creek, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit interrupter. 2,385,008; Sept. 18.

Leedy, Nelson J.: *See*—
Fletcher, E., and Leedy.

Leekley, Robert M.: *See*—
Agre, C. L., and Leekley.

Leeper, Lawrence W., deceased, Dallas, Tex.; N. K. Leeper, executrix. Revolving chopper. 2,389,790; Nov. 27.

Leeper, Naomi K., executrix: *See*—
Leeper, Lawrence W.

Leermakers, John A.: *See*—
Fallesen, G. E., and Leermakers, assignors.
Jackel, E. C., Leermakers, and Staud.

Lees, Milton H., Jr., Pasadena, Calif. Rivet. 2,371,452; Mar. 13.

Lees, Milton H., Jr., Pasadena, Calif. Rivet construction. 2,384,321; Sept. 4.

Lefebure, Victor: *See*—
Etridge, J. J., Hilmsworth, and Lefebure.

Le Febvre, Alfred L.: *See*—
Cave, H., Fuller, and Le Febvre.

Le Fever, Mortier W., Arlington County, Va. Calculating device. 2,375,666; May 8.

Le Fevre, Walter J.: *See*—
Britton, E. C., and Le Fevre.

Leffingwell, Wallace B.: *See*—
Weesner, C. W., and Leffingwell.

Lefforge, John W., near Columbia, Tenn. Flotation of magnesite. 2,373,123; Apr. 10.

Lefkowitz, Elizabeth: *See*—
Nunes, John S., assignor.

Lefler, Jerome, and V. L. Darnell, assignors to The Master Electric Company, Dayton, Ohio. Motor housing. 2,381,914; Aug. 14.

Le Frank, John D., Maplewood, N. J., assignor to American Can Company, New York, N. Y. Dispensing device. 2,373,124; Apr. 10.

Legat, Robert C., assignor to The G. E. Prentice Mfg. Co., New Britain, Conn. Slider for separable fasteners. 2,366,797; Jan. 9.

Legatski, Harold R., Bartlesville, Okla., assignor to Phillips Petroleum Company. Distillation process. 2,369,058; Feb. 6.

Leger, Alfred H.: *See*—
Fickett, E. L., Leger, and Stocking.

Leger, Edward N., assignor of one-half to N. Pandiscio, Fitchburg, Mass. Black out device or the like. 2,371,764; Mar. 20.

Legere, Alderic C., Beachmont, assignor to Industrial Engineering Corporation, Boston, Mass. Ice refrigerator. 2,374,159; Apr. 17.

Le Gere, Joseph F.: *See*—
Blackmon, J. M., and Le Gere.

Legg, David A., and S. C. Beesch, Philadelphia, Pa., assignors to Publicker Commercial Alcohol Company. Production of substances rich in riboflavin. 2,370,177; Feb. 27.

Legg, Eugene H., Bergoo, assignor of one-half to C. M. Blankenship, Adrian, W. Va. Pipe wrench. 2,374,604; Apr. 24.

Leggett, Herbert, and Z. J. Pucci, Kansas City, Mo.; said Leggett assignor to said Pucci. Bottle carrier. 2,385,997; Oct. 2.

Legowik, Thaddeus, A. B., Great Falls, Mont. Composite beam. 2,391,250; Dec. 18.

Leguillon, Charles W., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Self-laying track. 2,385,453; Sept. 25.

Leguillon, Charles W., and H. L. Young, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Method of and apparatus for uniting plastic material. 2,377,018; May 29.

Lehane, Timothy J., and J. Van Vulpen, assignors to Vapor Car Heating Company, Inc., Chicago, Ill. Inner tube radiation with internal metallic conduction. 2,372,502; Mar. 27.

Lehane, Timothy J., and E. H. Burgess, assignors to Vapor Car Heating Company, Inc., Chicago, Ill. Thermostat control circuit. 2,382,073; Aug. 14.

Lehane, Timothy J., and E. H. Burgess, assignors to Vapor Car Heating Company, Inc., Chicago, Ill. Temperature control by overhead ventilation. 2,389,860; Nov. 27.

Lehde, Henry, assignor to Control Instrument Company, Inc., Brooklyn, N. Y. Electromagnetic device. 2,381,678; Aug. 7.

Lehde, Henry, Brooklyn, N. Y., assignor to The Brown Instrument Company, Philadelphia, Pa. Apparatus for automatically adjusting electrical networks. 2,385,454; Sept. 25.

Lehman, Edward H., assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorbing mechanism. 2,366,201; Jan. 2.

Lehman, Edward H., assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorbing mechanism. 2,389,262; Nov. 20.

Lehman, Laurence N.: *See*—
Spurlino, P., Colley, Lehman, and Gantner.

Lehman, Louis H., Philadelphia, Pa. Shower enclosure. 2,374,490; Apr. 24.

Lehman, Max I., New York, N. Y. Child's garment 2,386,871; Oct. 16.

Lehman, Samuel K.: *See*—
Lawrence, D. M., and Lehman.

Lehman, Samuel K., Brooklyn, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Fluid filter. 2,383,065; Aug. 21.

Lehmann, J. M., Co., Inc.: *See*—
Hollstein, Paul, assignor.

Lehmann, Rudolph: *See*—
Riggs, W. S., and Lehmann.

Lehmberg, William H.: *See*—
Bernheim, D. P., Splaine, Lehmberg, Lown, and Baratelli.

Lehmberg, William H., Dudley, assignor to American Optical Company, Southbridge, Mass. Respirator. 2,371,965; Mar. 20.

Lehmberg, William H., Riverside, Conn., C. A. Baratelli, Cambridge, and W. Lown, Boston, assignors to American Optical Company, Southbridge, Mass. Eye protection means and supporting means thereof. 2,387,849; Oct. 30.

Lehmeier, Carl F., assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Punching device. 2,378,777; June 19.

Lehnhard, Philip J., Jr., Houston, Tex., assignor to The Dow Chemical Company, Midland, Mich. Determining the permeability of earth formations. 2,376,878; May 29.

Lehon Company, The: *See*—
Cuno, Charles W., assignor.

Lehrecke, Hans, assignor to Aktiebolaget Kemiska Patenter, Landskrona, Sweden. Filtering apparatus. 2,377,252; May 29.

Lehrman, Leo A., assignor to American Steel Foundries, Chicago, Ill. Snubber. 2,383,265; Aug. 21.

Leib, Francis E., Jefferson, and H. R. Wilbur, Reading, assignors to Copperweld Steel Company, Glassport, Pa. Vibration damper for suspended wires and cables. 2,374,823; May 1.

Leibe, Frank A.: *See*—
McLarn, E. S., and Leibe.

Leibe, Frank A., Quakertown, Pa., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Field telephone system. 2,376,367; May 22.

Leibfritz, William F., Villa Park, Ill., assignor to H. Quest and J. H. McAlvin. Manifolding flat pack. 2,387,667; Oct. 23.

Leibow, Saul, Providence, R. I. Fluorescent maintenance apparatus. 2,385,820; Oct. 2.

Leidgen, Mildred: *See*—
Leidgen, Nicholas C., assignor.

Leidgen, Nicholas C., Lansing, Mich., assignor, by decree of distribution, to M. Leidgen. Window sash control device. 2,381,976; Aug. 14.

Leifer, Charles L., Forest Hills, N. Y. Paper collating machine. 2,389,066; Nov. 13.

Leininger, Floyd F., Plant City, Fla. Electrical firearm. 2,381,547; Aug. 7.

Leinweber, William H., Chicago, Ill. Combination valve nozzle. 2,388,334; Nov. 6.

Leisen, Frederic A., Grosse Pointe Farms, Mich. Aircraft structure. 2,389,917; Nov. 27.

Leisenring, Arthur C., Denver, Colo. Wrench. 2,382,074; Aug. 14.

Leiserson, Joseph L.: *See*—
Weissberger, A., and Leiserson.

Leishman, Leroy J.: *See*—
Soffietti, Giuseppe, assignor.

Leishman, Le Roy J., Los Angeles, Calif. Push button tuner. 2,374,293; Apr. 24.

Leishman, Le Roy J., Los Angeles, Calif. Automatic tuner. 2,374,824; May 1.

Leishman, Le Roy J., Los Angeles, Calif. Automatic tuner. 2,378,023; June 12.

Leistensnider, George P., and H. G. Koch, Somerville, N. J., assignors to Johns-Manville Corporation, New York, N. Y. Packing. 2,372,095; Mar. 20.

Leistensnider, George P., Somerville, and H. H. Rinehart, Plainfield, N. J., assignors to Johns-Manville Corporation, New York, N. Y. Thermal insulation and manufacture. 2,383,604; Aug. 28.

Leisure, James R., Compton, Calif. Nut anchor. 2,374,548; Apr. 24.

Leithiser, George L., York, Pa., assignor to General Electric Company. Tensioning device. 2,388,982; Nov. 13.

Le Jeune, Frank H., assignor to Hayes Industries, Inc., Jackson, Mich. Lock ring. 2,367,788; Jan. 23.

Le Jeune, Frank H., assignor to Hayes Industries, Inc., Jackson, Mich. Counterbalance for wheels. 2,370,361; Feb. 27.

Lejeune, Leon M. S., Paris, France; vested in the Alien Property Custodian. Manufacturing balls for games. 2,373,899; Apr. 17.

Leland Electric Company, The: *See*—
Moore, Thomas W., assignor.

Leland, George H., Dayton, Ohio. Bomb rack. 2,379,364; June 26.

Leland, George H., Dayton, Ohio. Bomb rack. 2,389,202; Nov. 20.

Leland, George H., Dayton, Ohio. Hoisting mechanism. 2,391,172; Dec. 18.

Leland, Robert W., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Landing gear. 2,375,422; May 8.

Leland, Robert W., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Motor control. 2,387,799; Oct. 30.

Leland, Robert W., and C. J. Werner, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich. Actuator. 2,387,800; Oct. 30.

Leland Stanford Junior University, The, The Board of Trustees of: *See*—
Hansen, William W., assignor.
Hansen, W. W., and Varian, assignors.
Varian, R. H., Hansen, and Ginzton, assignors.

Lelinski, Valentine: *See*—
Cameron, A. M., and Lelinski.

Leming, Robert L., Florissant, Mo. Layout and drill V-block. 2,371,831; Mar. 20.

Lemke, Charles B., Chicago, Ill. Heel lift. 2,387,334; Oct. 23.

Lemmel, Paul T., Madison, Wis., and H. P. Fell, assignors to The Borden Company, New York, N. Y. Preparation of concentrated fluid milk products. 2,381,761; Aug. 7.

Lemmers, Eugene, Cleveland Heights, Ohio, assignor to General Electric Company. Fluorescent tube coating. 2,366,270; Jan. 2.

Lemmers, Eugene, Cleveland Heights, Ohio, assignor to General Electric Company. Method and apparatus for testing sealed envelopes. 2,370,475; Feb. 27.

Lemmon, Alexis W., Upper Arlington, Ohio, assignor to The Jeffrey Manufacturing Company. Conveyer. 2,373,765; Apr. 17.

Lemmon, Alexis W., Upper Arlington, Ohio, assignor to The Jeffrey Manufacturing Company. Chain attachment. 2,377,253; May 29.

Lemonier, Camille R., East Aurora, N. Y., assignor, by mesne assignments, to Reconstruction Finance Corporation. Control mechanism for aircraft. 2,373,575; Apr. 10.

Lempco Products, Inc.: *See*—
Blazek, John Y., assignor.

Lenehan, Bernard E., Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical measuring instrument. 2,367,950; Jan. 23.

Lenik, Peter: *See*—
Baker, Calvin A., assignor.

Lenk, Kurt H., assignor to Parker Manufacturing Company, Worcester, Mass. Saw frame. 2,388,655; Nov. 6.

Lent, Clifford M., Peekskill, N. Y., assignor, by mesne assignments, to Interchemical Corporation. Flat coating composition and an oilcloth made therefrom. 2,381,915; Aug. 14.

Lento, Louis L., Jr., and A. G. Houpt, Springdale, Conn., assignors to American Cyanamid Company, New York, N. Y. Purification of ferricyanide. 2,366,915; Jan. 9.

Lentz, Alfred P., Maywood, assignor to Richfield Oil Corporation, Los Angeles, Calif. Asphaltic compound. 2,375,117; May 1.

Lentz, Anton, Heidelberg, Germany; vested in the Alien Property Custodian. Driver's seat, especially for tractors and agricultural machines. 2,373,694; Apr. 17.

Lentz, Clarence J., and G. T. Mahler, Palmerton, Pa., assignors to The New Jersey Zinc Company, New York, N. Y. Producing zinc oxide. 2,370,977; Mar. 6.

Lenz, Charles E., Baltimore, Md. Cushion structure 2,368,930; Feb. 6.

Lenz, Joseph L.: *See*—
Thomas, Allan H., assignor.

Leo, Herbert T., and C. C. Taylor, assignors to Mutual Citrus Products Company, Anaheim, Calif. Citrus juice powder and making same. 2,367,131; Jan. 9.

Leo, Herbert T., C. C. Taylor, and J. W. Lindsey, assignors to Mutual Citrus Products Company, Anaheim, Calif. Preparing pectin. 2,367,132; Jan. 9.

Leo, Herbert T., C. C. Taylor, and J. W. Lindsey, assignors to Mutual Citrus Products Company, Anaheim, Calif. Making a food product from lemon juice. 2,367,789; Jan. 23.

Leo, Herbert T., C. C. Taylor, and J. W. Lindsey, assignors to Mutual Citrus Products Company, Anaheim, Calif. Pectous food product. 2,369,059; Feb. 6.

Leo, Herbert T., C. C. Taylor, and J. W. Lindsey, assignors to Mutual Citrus Products Company, Anaheim, Calif. Treating gum solutions. 2,380,115; July 10.

Leon, Harry J., Hartford, Conn. Garment. 2,381,295; Aug. 7.

Leonard, Edward J.: *See*—
Heckethorn, J. E., Bourg, and Leonard.

Leonard, Henry K., assignor to Toledo Scale Company, Toledo, Ohio. Sensing mechanism. 2,370,805; Mar. 6.

Leonard, Lloyd H., Washington, D. C. Aircraft. 2,387,762; Oct. 30.

Leonard, Merrill G., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Protective device for electrical apparatus and systems. 2,376,789; May 22.

Leonard, Merrill G., Sharon, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Protective device for electrical apparatus. 2,389,373; Nov. 20.

Leonard, William E., Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey. Rubber adherent wire. 2,387,335; Oct. 23.

Leone, Domenico: *See*—
Weiss, Ugo, and Leone.

Leonhart, William F., Mount Lebanon, Pa., assignor, by mesne assignments, to Continental Can Company, Inc., New York, N. Y. Sheet feeding mechanism. 2,378,306; June 12.

Leopold, F. B., Company, Inc.: *See*—
Myron, John P., assignor.

Le Page, Wilbur R., Pikesville, Md., assignor to Radio Corporation of America. Plural feed-back system for light sources. 2,383,554; Nov. 13.

Lepkowski, Thomas, Washington, D. C. Cable or rope capping machine. 2,390,598; Dec. 11.

Lepp, William H., Afton, assignor to Diagraph-Bradley Stencil Machine Corporation, St. Louis, Mo. Hold-down clip for carton closure flaps. 2,375,374; May 8.

Leppla, Rudolph, assignor to McConway & Torley Corporation, Pittsburgh, Pa. Railway car truck. 2,373,576; Apr. 10.

Leppla, Rudolph, assignor to McConway & Torley Corp., Pittsburgh, Pa. Car truck. 2,375,930; May 15.

Leppla, Rudolph, assignor to McConway & Torley Corporation, Pittsburgh, Pa. Railway car truck. 2,389,521; Nov. 20.

Leppla, Rudolph, Pittsburgh, Pa., assignor to The Bettendorf Company, Bettendorf, Iowa. Valve retainer. 2,389,522; Nov. 20.

Lepsoe, Robert, Trail, British Columbia, assignor to The Consolidated Mining and Smelting Company of Canada, Limited, Montreal, Quebec, Canada. Atomization process. 2,371,105; Mar. 6.

Lepsoe, Robert, and B. G. Hunt, Trail, British Columbia, Canada, assignors, by mesne assignments, to The Mathieson Alkali Works (Inc.). Purification of magnesium chloride. 2,375,009; May 1.

Lepsoe, Robert, G. S. Ortner, and J. H. Salter, Trail, British Columbia, Canada, assignors, by mesne assignments, to The Mathieson Alkali Works, Inc. Production of anhydrous magnesium chloride. 2,384,479; Sept. 11.

Lerch, Brooke W., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for stripping material. 2,366,271; Jan. 2.

Lerer, Henry: *See*—
Wolteger, Z., and Lerer.

LeRette, William P., Lynn, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Making platform shoes. 2,381,503; Aug. 7.

Lermont, Basil, assignor to Cairns Corporation, New York, N. Y. Metal ski. 2,377,504; June 5.

Lermont, Basil, New York, and A. M. Wolf, assignors to Cairns Corporation, Brooklyn, N. Y. Device for shaping metal sheets. 2,378,413; June 19.

Lerner, Maurice: *See*—
Hodges, John S., assignor.

Lerner, Sanley, Bronx, N. Y. Rotary metering valve for Diesel engines. 2,385,089; Sept. 18.

Le Roi Company: *See*—
Frantz, John R., assignor.

Le Roy, Franklin J., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Conveyer. 2,390,261; Dec. 4.

Le Roy, Gene: *See*—
Nicholson, William M., assignor.

Le Roy, Robert B.: *See*—
Weeks, N. E., and Le Roy.

Le Roy, Robert B., Rutherford, N. J., assignor to Bemis Bro. Bag Company, St. Louis, Mo. Closure. 2,376,790; May 22.

Lesavoy, I. Lawrence, Allentown, Pa., and I. Brecher, New York, N. Y. Carton. 2,382,240; Aug. 14.

Lescisin, George A.: *See*—
Reeder, W. H., III, and Lescisin.

Lesher, William C., Pittsfield, Mass., assignor to General Electric Company. Operating mechanism. 2,372,503; Mar. 27.

Leshin, Joseph, New York, N. Y. Container. 2,383,726; Aug. 28.

Leskiewicz, Stanley, assignor to North Shore Cutting Die Company, Lynn, Mass. Apparatus for cutting dies. 2,367,225; Jan. 16.

Leslie Company: *See*—
Soderberg, Sten, assignor.

Leslie, Freeland H., Chicago, Ill. Vertical wall louver. 2,382,075; Aug. 14.

Leslie, Freeland H., Chicago, Ill. Slant roof louver. 2,382,076; Aug. 14.

Leslie, Freeland H., Chicago, Ill. Power press brake and die set. 2,382,077; Aug. 14.

Leslie, John H., II, Winnetka, assignor to Stewart-Warner Corporation, Chicago, Ill. Pressure responsive switch. 2,386,807; Oct. 16.

Leslie, John H., II, Winnetka, assignor to Stewart-Warner Corporation, Chicago, Ill. Aircraft heater control apparatus. 2,388,855; Nov. 13.

Lesser, Otto, Berlin, Germany; vested in the Alien Property Custodian. Adhesive unit. 2,367,593; Oct. 23.

Lessey, Samuel K., Chappaqua, N. Y., assignor to The Electric Storage Battery Company. System for controlling charging of storage batteries. 2,385,455; Sept. 25.

Lessmann, Gerhard P., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Opposed-angle brush holder. 2,383,325; Aug. 21.

Lessmann, Gerhard P., Wilkinsburg, and L. G. Tubbs, Forest Hills, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Induction regulator. 2,372,096; Mar. 20.

Lester, Stephen T., Cleveland Heights, Ohio. Measuring apparatus. 2,371,302; Mar. 13.

Lestershire Spool and Manufacturing Company: *See*—
Crooks, Earl G., assignor.

Lesti, Arnold, Rochester, assignor, by mesne assignments, to Fa-Cile Fastener Corporation, New York, N. Y. Hinge. 2,375,118; May 1.

Le Strange, Augustus J., Jackson Heights, and J. D. Gibson, Pelham, N. Y. Electric safety water light. 2,377,161; May 29.

Letolle, Albert, North Providence, R. I. Window casing bracket for shades or curtains. 2,382,887; Aug. 14.

Le Tourneau, R. G., Inc.: *See*—
Brooking, Edgar C., assignor.
Le Tourneau, R. G., assignor.
Le Tourneau, Robert G., assignor.
Magee, Robert B., assignor.
Peterson, Oscar E., assignor.

Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Crank press. 2,366,272; Jan. 2.

Le Tourneau, Robert G., assignor to R. G. Le Tourneau, Inc., Peoria, Ill. Portable overpass. 2,366,916; Jan. 9.

Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc. Portable bridge. 2,367,291; Jan. 16.

Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Boring head. 2,367,292; Jan. 16.

Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Lever press. 2,370,739; Mar. 6.

Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Pigeonhole rack truck. 2,371,055; Mar. 6.

Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Cable anchor 2,374,111; Apr. 17.

Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Flame hardening apparatus. 2,375,119; May 1.

Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Folding crane. 2,375,799; May 15.

Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Mobile crane. 2,375,800; May 15.

Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Material moving implement. 2,375,801; May 15.

Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Adjustable rolling mill. 2,376,544; May 22.

Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Contour cutting lathe. 2,377,701; June 5.

Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau Inc., Stockton, Calif. Chuck. 2,379,091; June 26.

Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Lathe tool mounting and actuating mechanism. 2,379,583; July 3.

Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc. Feed carriage assembly for lathes. 2,383,266; Aug. 21.

Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc. Stockton, Calif. Scraper tail-gate mount and control. 2,383,978; Sept. 4.

Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau Inc., Stockton, Calif. Extensible axle assembly. 2,385,416; Sept. 25.

Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Power steering mechanism. 2,386,483; Oct. 9.

Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Self-locking differential. 2,387,031; Oct. 16.

Lett, Julian T., et al.: *See*—
Wiley, Lee M., assignor.

Letvin, Samuel: *See*—
Bonvillian, C. A., Brierly, and Letvin.

Leuck, Gerald J., Evanston, Ill., assignor to Corn Products Refining Company, New York, N. Y. Polymerization of dextrose. 2,375,564; May 8.

Leuck, Gerald J., Evanston, Ill., assignor to Corn Products Refining Company, New York, N. Y. Polymerization of sugars. 2,387,275; Oct. 23.

Leukert, Wilhelm: *See*—
Koppelmann, F., and Leukert.

Leukhardt, Arthur R., assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Gear shifting mechanism. 2,374,869; May 1.

Leum, Leonard N., Upper Darby, E. R. Birkhimer and J. H. McCullough, assignors to The Atlantic Refining Company, Philadelphia, Pa. Recovery of phenols from alkaline treating solutions. 2,368,931; Feb. 6.

Leum, Leonard N., Upper Darby, and F. G. Ciapetta, Yeadon, assignors to The Atlantic Refining Company, Philadelphia, Pa. Production of isobutylene. 2,390,951; Dec. 11.

Leupold & Stevens Instruments: *See*—
Clark, Charles A., assignor.
Stevens, John C., assignor.

Leutwiler, Richard W.: *See*—
Ehretsman, J. L., and Leutwiler.

Leuvelink, Bernard, Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Clamping device. 2,382,423; Aug. 14.

Lev, Andrew J., Maple Heights, assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Sheet holder. 2,373,482; Apr. 10.

Lev, Benjamin, Chicago, Ill. Mechanism for capturing freed lint and other particles. 2,370,865; Mar. 6.

Levaggi, Victor J., Jr., Beverly, Mass., assignor, by mesne assignments, to United Last Company, Portland, Maine. Device for use in making templates. 2,368,853; Feb. 6.

Levagci, Victor J., Jr., Beverly, Mass., assignor to United Last Company, Portland, Maine. Two-part last. 2,366,808; Oct. 16.

Le Van, James O., assignor to Hamilton Watch Company, Lancaster, Pa. Jewel hole opening apparatus. 2,385,287; Sept. 18.

Levenson, Bennett H.: *See*—
Balsarini, Martin L., assignor.

Levenson, Bennett H., et al.: *See*—
McGillicuddy, Addeline J., assignor.

Le Veque, Gustave E., Detroit, Mich. Lifting jack. 2,383,204; Aug. 21.

Lever Bias Machine Corporation: *See*—
Gardner, P., and Kagan, assignors.

Lever Brothers Company: *See*—
Gudheim, Arne, assignor.
Henderson, Lloyd F., assignor.
Pease, Fred F., assignor.
Thomas, R., and Whitham, assignors.

Lever Brothers & Unilever Limited: *See*—
Hackett, Daniel A., assignor.

Leverens, Ernest G., assignor to American Steel Foundries, Chicago, Ill. Brake beam. 2,368,554; Feb. 6.

Leverenz, Humboldt W., South Orange, N. J., assignor to Radio Corporation of America. Luminescent screen and method of manufacture. 2,376,437; May 22.

Levers, James F.: *See*—
Taylor, W. L., and Levers.

Le Vesconte, Harold J.: *See*—
Eggert, R. E., and Le Vesconte.

Le Vesconte, Harold J., Glendale, Calif., assignor to Adel Precision Products Corp. Stamped lock nut. 2,385,821; Oct. 2.

Le Vesconte, Harold J., Western Springs, and A. M. Schweda, assignors to Union Special Machine Company, Chicago, Ill. Lock stitch sewing machine. 2,385,288; Sept. 18.

Le Vesconte, Harold J., Western Springs, and A. M. Schweda, assignors to Union Special Machine Company, Chicago, Ill. Sewing machine drive. 2,390,220; Dec. 4.

Levetus, Francis B., and J. W. Wilson, assignors to The Keelavite Company Limited, Allesley, Coventry, England. Pressure fluid connection between relatively rotary parts. 2,371,528; Mar. 13.

Levey, Fred'k H., Co., Inc.: *See*—
Kroeger, J. W., and O'Connor, assignors.

Levin, Arnold, Brooklyn, N. Y. Shoe. 2,385,289; Sept. 18.

Levin, David E.: *See*—
Gregg, J., and Levin.

Levin, Irvin: *See*—
Weisberg, S. M., and Levin.

Levin, Irvin, Asbury Park, N. J. Adjustable triangle. 2,391,466; Dec. 25.

Levin, Nathan, Trenton, N. J. Knitted article of apparel and fabric therefor. 2,384,934; Sept. 18.

Levin, Nathan, assignor of one-half to R. M. Peitzman, Trenton, N. J. Match holder and matches. 2,372,836; Apr. 3.

Levin, Nils D., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Loading machine. 2,366,536; Jan. 2.

Levine, Arthur R.: *See*—
Stone, R., and Levine.

Levine, Avrom C., Buffalo, N. Y. Plastic treating apparatus. 2,385,143; Sept. 18.

Levine, Benjamin B., Pittsburgh, Pa. Parasol. 2,390,952; Dec. 11.

Levine, Martin: *See*—
Edwards, M. A., and Levine.

Levine, Martin, Schenectady, assignor to General Electric Company. Regulating mechanism. 2,376,144; May 15.

Levine, Max, assignor to Iowa State College Research Foundation, Ames, Iowa. System for and method of treating sewage or other waste material. 2,366,917; Jan. 9.

Levine, Samuel, New York, N. Y. Extensible bracelet. 2,371,765; Mar. 20.

Levinson, Arthur A., Chicago, P. L. Julian, Maywood, and A. G. Engstrom, Itasca, Ill., assignors to The Glidden Company, Cleveland, Ohio. Protein composition of matter and making. 2,381,407; Aug. 7.

Levinson, Benjamin L., Great Neck, N. Y. Centrifugal casting apparatus. 2,385,631; Sept. 25.

Levinson, Nathan, North Hollywood, Calif., assignor to Radio Corporation of America. Preparing control track records. 2,367,293; Jan. 16.

Levinson, Nathan, North Hollywood, Calif., assignor to Radio Corporation of America. Control track. 2,367,294; Jan. 16.

Levis, Robert H., II: *See*—
Chew, C., and Levis.

Levison, Jacob H., Point Pleasant Beach, N. J. Stretcher. 2,379,365; June 26.

Levitan, Nathan I., Buffalo, and R. Knoch, Tonawanda, assignors to Buffalo Electro-Chemical Company, Inc., Tonawanda, N. Y. Anhydrous hydrogen peroxide and making same. 2,386,484; Oct. 9.

Levitch, Robert G.: *See*—
Quinn, F. B., and Levitch.

Levitt, Percy B.: *See*—
Morgan, J. D., and Levitt.

Levitt, Percy B., Millburn, N. J., assignor to Cities Service Oil Company, New York, N. Y. Helical electric immersion heater. 2,371,696; Mar. 20.

Levkoff, David, Brooklyn, N. Y. Greaseproof folding box. 2,368,553; Jan. 30.

Levkoff, David, Brooklyn, N. Y. Folding box. 2,379,726; July 3.

Levon, Walter P., assignor to F. L. Jacobs Company, Detroit, Mich. Motor operated door closing device. 2,371,336; Mar. 13.

Levy, Barney B., Midleboro, Mass. Tire. 2,391,579; Dec. 25.

Levy, Baruch, New York, N. Y. Diamond polishing device. 2,388,751; Nov. 13.

Levy, Leon D., New York, N. Y. Sanitary phone attachment. 2,374,024; Apr. 17.

Levy, Lionel, Forest Hills, N. Y. Portable, adjustable soap rack and tray. 2,374,023; Apr. 17.

Levy, Norman, Norton Hall, Norton-on-Tees, England, assignor to Imperial Chemical Industries Limited. Production of nitroparaffins. 2,382,241; Aug. 14.

Levy, René L., Paris, France, assignor to Societe d'Inventions Aeronautiques et Mecaniques S. I. A. M., Geneva, Switzerland. Landing gear. 2,368,855; Feb. 6.

Levy, René L., Paris, France, assignor to Societe D'Inventions Aeronautiques Et Mecaniques S. I. A. M., Geneva, Switzerland. High-pressure hydraulic pump. 2,389,374; Nov. 20.

Levy-Savoye, Charles, New York, N. Y., assignor to General Aircraft Equipment, Inc. Indicating device responsive to a condition. 2,381,826; Aug. 7.

Levy, William B., Wilmington, Del. Thermocouple mounting for furnaces. 2,382,888; Aug. 14.

Levyn, Joseph I., Brooklyn, N. Y. Window construction. 2,382,162; Aug. 14.

Lewers, Mary L., administratrix: *See*—
Lewers, T. R., and Cairns.

Lewers, Thomas R., deceased, Kelowna, British Columbia, by M. L. Lewers, administratrix, and G. Cairns, Kelowna, assignors of thirty-three and one-third per cent to G. S. Pettapiece, Vancouver, British Columbia, Canada. Burner unit. 2,367,590; Jan. 16.

Lewin, Gerhard, Geneva, Ill., assignor to American Electro Metal Corporation, Yonkers, N. Y. Electrical heating element. 2,372,212; Mar. 27.

Lewin, Jacob W., Oak Park, Ill. Pipe bender. 2,381,064; Aug. 7.

Lewin, Walter J., Southport, England. Snowplow. 2,373,318; Apr. 10.

Lewis, Alfred G., Linden, N. J. Sample washer. 2,369,582; Feb. 13.

Lewis, Arthur J., Stratford, and L. W. Barnes, Long Hill, assignors to The Baird Machine Company, Stratford, Conn. Washing barrel. 2,391,634; Dec. 25.

Lewis, Arthur L., Medfield, and F. J. Shepard, Jr., West Newton, assignors to Lewis-Shepard Company, Watertown, Mass. Portable platform. 2,371,106; Mar. 6.

Lewis, Clifford L.: *See*—
Scott, W. W., and Lewis.

Lewis, Clyde O., Cleveland, Ohio. Storm window. 2,379,727; July 3.

Lewis, Delbert S. and E. F., Seattle, Wash., assignors to Boeing Aircraft Company. Interconnected bomb rack control. 2,376,157; May 15.

Lewis, Donald E., assignor to The Torrington Company, Torrington, Conn. Unit-type antifriction bearing and making the same. 2,383,727; Aug. 28.

Lewis, Edward G., London, Ohio, assignor to The Jeffrey Manufacturing Company. Loading machine. 2,377,505; June 5.

Lewis, Edward G., London, Ohio, assignor to The Jeffrey Manufacturing Company. Power operated clutch. 2,384,182; Sept. 4.
Lewis, Edward Z., Evanston, Ill., assignor to General Manifold & Printing Co. Duplicating pad or sales book. 2,386,872; Oct. 16.
Lewis, Erving F.: *See*—
Lewis, Delbert S. and E. F.
Lewis, Everett M., Tulsa, Okla. Hypodermic syringe. 2,369,304; Feb. 13.
Lewis, Frank D.: *See*—
Cicchetti, E. G., and Lewis.
Lewis, Frederick G., assignor to Harris Manufacturing Company, Stockton, Calif. Baled hay loader. 2,372,902; Apr. 3.
Lewis, George E.: *See*—
Irwin, E. M., Lewis, Duval, Rule, and Chenoweth.
Lewis, George W.: *See*—
Eberhard, H. S., and Lewis.
Lewis, Herbert A., Port Washington, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Fuse construction. 2,379,013; June 26.
Lewis, Howard B., Venice, assignor to Salsbury Corporation, Los Angeles, Calif. Industrial truck. 2,370,866; Mar. 6.
Lewis, Howard B., Venice, assignor to B. F. McDonald Company, Los Angeles, Calif. Eye protector. 2,390,599; Dec. 11.
Lewis, Howard B., and G. M. Larson, assignors to Kirkhill, Inc., Los Angeles, Calif. Bail cock. 2,367,951; Jan. 23.
Lewis, Howard W., Newton Lower Falls, Mass. Autographic register machine. 2,374,361; Apr. 24.
Lewis Invisible Stitch Machine Company: *See*—
Mann, Joseph, assignor.
Lewis, Jack W., Tyler, Tex. Orthopedic arch. 2,370,251; Feb. 27.
Lewis, Jacob D.: *See*—
Lindquist, D. L., and Lewis.
Lewis, Jacob D., Yonkers, assignor to Otis Elevator Company, New York, N. Y. Motor control system. 2,391,320; Dec. 18.
Lewis, James H., Greenwood, S. C. Metal rake. 2,386,517; Oct. 9.
Lewis, James O., Houston, assignor of one-half to R. T. Wilson, Corpus Christi, Tex. Method and apparatus for obtaining samples. 2,380,977; Aug. 7.
Lewis, Leroy M., Rohemont, Pa. Valve for fire protective systems. 2,377,947; June 12.
Lewis, Lloyd V.: *See*—
Jerome, A. L., and Lewis.
Lewis, Michael, Detroit, Mich. Permanent bowknot. 2,376,259; May 15.
Lewis, Paul F.: *See*—
Chenoweth, O. E., and Lewis.
Lewis, Reese G.: *See*—
Oswald, E. C., and Lewis.
Lewis, Richard C., Winnetka, Ill. Baby's bath cabinet device. 2,374,110; Apr. 17.
Lewis, Richard C., Winnetka, Ill. Infant's toilet seat. 2,388,856; Nov. 13.
Lewis, Russell K., Elkhart, Ind., assignor to Finnell System, Inc. Handle for floor treating machines. 2,370,907; Mar. 6.
Lewis-Shepard Company: *See*—
Lewis, A. L., and Shepard, assignor.
Lewis Supply Company: *See*—
Womble, Ewing, assignor.
Lewis, Walter W., Birmingham, England. Dividing head. 2,373,578; Apr. 10.
Lewis, Warren J., assignor to The Ohio Brass Company, Mansfield, Ohio. Frog pan. 2,373,577; Apr. 10.
Lewis, Warren K., Newton, Mass., assignor to Standard Oil Development Company. Treating hydrocarbon oils with light hydrocarbons. Re. 22,612; Mar. 6.
Lewis, William H., Los Angeles, Calif. Road edger for asphalt finishers and spreaders. 2,386,221; Oct. 9.
Lewis, William L.: *See*—
Watson, A. K., Lewis, and Walsh.
Lewis, William W., Port Washington, N. Y. Cord adjusting apparatus for Venetian blinds. 2,378,145; June 12.
Lewyt Corporation: *See*—
Grill, George M., assignor.
Leyda, Frank A., Berkeley, assignor, by mesne assignments, to California Research Corporation, San Francisco, Calif. Barium calcium magnesium stearate. 2,389,523; Nov. 20.
Leyerle, Arthur R., assignor to Vitreous Steel Products Co., Cleveland, Ohio. Dehydration tray. 2,381,608; Aug. 7.
Leyland Motors Limited: *See*—
Charnock, Andrew J., assignor.
Liakopulos, James, Douglas, Ariz. Star-shaped ash tray chair arm attachment. 2,375,565; May 8.
Libbey-Owens-Ford Glass Company: *See*—
Binkert, C. F., and Jendrisak, assignors.
Boicey, J. H., and Willey, assignor.
Colbert, William H., assignor.
Colbert, W. H., and Morgan, assignors.
Colbert, W. H., and Weinrich, assignors.
Collins, William P., assignor.
Cordier, David E., assignor.
Dodge, Henry M., assignor.
Libbey-Owens-Ford Glass Company: *See*—Continued
Dunipace, Donald W., assignor.
Fowler, I. G., and McMaster, assignors.
Gaumer, Robert T., assignor.
Haven, Charles D., assignor.
Howald, Arthur M., assignor.
Howald, A. M., and Meyer, assignors.
Hubbard, William J., assignor.
Knight, M., and Lowry, assignors.
Knight, M., Wampler, and Arner, assignors.
Louviaux, Leon I., assignor.
McMaster, H. A., and Rodman, assignors.
Meyer, Leonard S., assignor.
Morgan, Willard L., assignor.
Morris, Joseph E., assignor.
Mustered, Ralph A., assignor.
Ogle, J. C., Jr., and Weinrich, assignors.
Paddock, Ormond H., assignor.
Paddock, O. H., and Drake, assignors.
Putnam, Erle T., assignor.
Ryan, Joseph D., assignor.
Ryan, J. D., and Shaw, assignors.
Simons, J. K., and Weaver, assignors.
Walter, Henry A., assignor.
Watkins, George B., assignor.
White, Gerald, assignor.
White, G., and Grimes, assignors.
Liber, Walter F., Meriden, Conn. Steady rest for lathes. 2,390,888; Dec. 11.
Liberty Glass Company, The: *See*—
Playford, Harry E., assignor.
Liberty, Joseph B., Royal Oak, Mich. Air locked window. 2,381,504; Aug. 7.
Librascope, Incorporated: *See*—
Imm, Lewis W., assignor.
Licht, Anna, New York, N. Y. Brassière. 2,380,978; Aug. 7.
Lichtenberg, Erich H., assignor to Koehring Company, Milwaukee, Wis. Pavement finishing machine. 2,374,025; Apr. 17.
Lichtenstein, Arthur: *See*—
Abbott, A. L., Spencer, and Lichtenstein.
Lichtenstein, Hans J.: *See*—
Tuerck, K. H. W., and Lichtenstein.
Lichtwitz, Otto, Seven Kings, England. Dividing head. 2,367,952; Jan. 23.
Lichty, Joy G.: *See*—
Clifford, A. M., and Lichty.
Lichty, Joy G., Stow, assignor to Wingfoot Corporation, Akron, Ohio. New compound. 2,371,766; Mar. 20.
Lichty, Joy G., Stow, assignor to Wingfoot Corporation, Akron, Ohio. Alkoxy nitriles. 2,384,106; Sept. 4.
Lichty, Joy G., Stow, assignor to Wingfoot Corporation, Akron, Ohio. Plasticised butadiene-acrylonitrile copolymer. 2,385,290; Sept. 18.
Lichty, Joy G., Stow, assignor to Wingfoot Corporation, Akron, Ohio. Chemical compound. 2,386,694; Oct. 9.
Lichty, Joy G., Stow, and N. V. Seeger, Cuyahoga Falls, assignors to Wingfoot Corporation, Akron, Ohio. Paint compositions. 2,388,656; Nov. 6.
Licoro Corporation, The: *See*—
Laufenberg, W., Maslanka, and Weissenburger, assignors.
Licwinko, Boleslaw, Conshohocken, Pa. Work holder for lathes. 2,372,787; Apr. 3.
Lidard, Edgar: *See*—
Warth, A. H., and Lidard.
Liebert, Dora, New York, N. Y. Combination garment. 2,385,871; Oct. 2.
Liebegott, George H., Philadelphia, and M. Seel, Lansdowne, assignors to The Pennsylvania Railroad Company, Philadelphia, Pa. Rack structure for freight vehicles. 2,370,551; Feb. 27.
Liebel-Flarsheim Company, The: *See*—
Holston, Samuel C., assignor.
Lawrence, Harold J., assignor.
Lieber, Eugene, Staten Island, N. Y., assignor to Standard Oil Development Company. Lubricating composition, a wax depressor therefor, and its method of preparation. 2,366,735; Jan. 9.
Lieber, Eugene, Staten Island, N. Y., assignor to Standard Oil Development Company. Condensation products and preparing and using the same. 2,377,433; June 5.
Lieber, Eugene, Staten Island, N. Y., assignor to Standard Oil Development Company. Condensation products and preparing and using same. 2,384,107; Sept. 4.
Lieber, Eugene, Staten Island, N. Y., assignor to Standard Oil Development Company. Condensation products and preparing and using the same. 2,384,935; Sept. 18.
Lieber, Eugene, Staten Island, N. Y., assignor to Standard Oil Development Company. Condensed halogenated tall oil products and making the same. 2,389,203; Nov. 20.
Lieber, Eugene, West New Brighton, Staten Island, N. Y., assignor to Standard Oil Development Company. Lubricant. 2,382,730; Aug. 14.
Lieber, Eugene, West New Brighton, Staten Island, N. Y., and A. F. Cashman, Bayonne, N. J., assignors to Standard Oil Development Company. Lubricants. 2,369,149; Feb. 13.
Lieber, Eugene, West New Brighton, Staten Island, N. Y., and H. T. Rice, Roselle, N. J., assignors to Standard Oil Development Company. Preparing polymerization products. 2,379,728; July 3.

Lieber, Eugene, West New Brighton, Staten Island, and M. E. Thorner, Brooklyn, N. Y., assignors to Standard Oil Development Company. Condensation products and preparing and using same. 2,381,457; Aug. 7.
Lieber, Eugene, West New Brighton, Staten Island, N. Y., and C. E. Hodges, Elisabeth, N. J., assignors, by mesne assignments, to Standard Catalytic Company. Lubricants and preparation thereof. 2,383,605; Aug. 28.
Lieber, Eugene, Staten Island, and M. E. Thorner, Brooklyn, N. Y., assignors to Standard Oil Development Company. Condensation products and preparing and using the same. 2,383,606; Aug. 28.
Lieber, Eugene, West New Brighton, Staten Island, N. Y., and R. M. Dean, Westfield, N. J., assignors to Standard Oil Development Company. Lubricant and preparation. 2,383,869; Aug. 28.
Lieber, Herman F.: *See*—
Bradbury, W. T., Chesser, and Lieber.
Lieberherr, Hans, assignor to Sulzer Freres, Societe Anonyme, Winterthur, Switzerland. Piston for two-stroke internal-combustion engine. 2,381,065; Aug. 7.
Lieberman, Edgar M., Kansas City, Mo. Thermal pump. 2,389,067; Nov. 13.
Lieberman, Joseph: *See*—
Strome, M. P., and Lieberman.
Liebert, Margaret K.: *See*—
Field, Patrick H., assignor.
Liebknecht, Otto, Neubabelsberg, near Berlin, Germany, assignor to The Permutit Company, New York, N. Y. Exchanging cations from aqueous solutions. 2,378,307; June 12.
Liebmann, Alfred J., Cincinnati, Ohio, and G. de Becze, Lawrenceburg, Ind., assignors to Schenley Distillers Corporation, New York, N. Y. Producing 2:3 butanediol. 2,389,263; Nov. 20.
Liebmann, August G., Washington, D. C., assignor of one-half to H. A. Blessing. Cartridge container. 2,371,630; Mar. 20.
Liebmann, August G., assignor of one-half to H. A. Blessing, Washington, D. C. Airport landing signal apparatus. 2,390,109; Dec. 4.
Liebowitz, Benjamin: *See*—
Jacob, Ezeliel J., assignor.
Liebowitz, Benjamin, Lewisboro, N. Y. Method and apparatus for grinding lenses. 2,371,303; Mar. 13.
Liebrecht, Walter: *See*—
Bettmann, Ernest H., assignor.
Lieff, Morris: *See*—
Elmendorf, A., and Lieff.
Lien, George O., Sacramento, Calif. Exhibiting instrument. 2,373,695; Apr. 17.
Liese, Herman H., and H. C. Brinkman, assignors to The Stacey Bros. Gas Construction Company, Cincinnati, Ohio. Sealing means for the piston of a gas-holder. 2,371,966; Mar. 20.
Liesken, Auguste H., Brussels, Belgium; vested in the Alien Property Custodian. Swing front face drawer for vertical filing cabinets. 2,388,922; Nov. 13.
Ligh, David R., Stamford, assignor to Darli Industrial Management, Incorporated, Hartford, Conn. Flexible coupling. 2,378,564; June 19.
Light, David M., assignor to American Steel Foundries, Chicago, Ill. Snubber. 2,366,918; Jan. 9.
Light, David M., assignor to American Steel Foundries, Chicago, Ill. Car truck. 2,366,973; Jan. 9.
Light, David M., assignor to American Steel Foundries, Chicago, Ill. Car truck. 2,367,510; Jan. 16.
Light, David M., assignor to American Steel Foundries, Chicago, Ill. Truck. 2,368,856; Feb. 6.
Light, David M., assignor to American Steel Foundries, Chicago, Ill. Car truck. 2,378,228; June 12.
Light, David M., assignor to American Steel Foundries, Chicago, Ill. Car truck. 2,378,229; June 12.
Light, David M., assignor to American Steel Foundries, Chicago, Ill. Car truck. 2,378,414; June 19.
Light, David M., assignor to American Steel Foundries, Chicago, Ill. Car truck. 2,378,415; June 19.
Light, David M., assignor to American Steel Foundries, Chicago, Ill. Snubber. 2,385,009; Sept. 18.
Light, David M., assignor to American Steel Foundries, Chicago, Ill. Snubber. 2,388,229; Oct. 30.
Light, David M., Chicago, Ill., assignor to American Steel Foundries. Snubber. 2,388,230; Oct. 30.
Light, David M., assignor to American Steel Foundries, Chicago, Ill. Spring group. 2,390,110; Dec. 4.
Light, David M., and F. E. Bachman, assignors to American Steel Foundries, Chicago, Ill. Spring group. 2,370,107; Feb. 20.
Light, Donald W., Longmeadow, Mass., assignor to American Cyanamid Company, New York, N. Y. Finishing of cloth. 2,370,362; Feb. 27.
Light, Donald W., Old Greenwich, and R. L. Morgan, Greenwich, Conn., assignors to American Cyanamid Company, New York, N. Y. Emulsification of synthetic waxes. 2,369,472; Feb. 13.
Lightbown, Irving E., Roselle, and W. J. Sparks, Elizabeth, N. J., assignors, by mesne assignments, to Jasco, Incorporated. Stabilized polymer compositions. 2,387,518; Oct. 23.
Lighter, Stephen, Milwaukee, Wis. Carton corner construction. 2,367,410; Jan. 16.
Lightner, Max W.: *See*—
Hodge, J. M., and Lightner.
Like, Ralph M., Los Angeles, Calif. Combination sound and picture device. 2,378,416; June 19.
Lilja, Edgar D., assignor to Barber-Colman Company, Rockford, Ill. Power actuator. 2,386,402; Oct. 9.
Lillard, James G., Baytown, and R. F. Pfennig, Goose Creek, Tex., assignors to Standard Oil Development Company. Recovery of sulphuric acid from acid sludge. 2,387,519; Oct. 23.
Liller, Elmer T.: *See*—
Truba, D. O., and Liller.
Lilley, Samuel C., Hamden, and E. E. Foster, Southport, Conn., assignors to United Elastic Corporation, Easthampton, Mass. Elastic fabric and producing the same. 2,384,936; Sept. 18.
Lillis, Stephen M.: *See*—
Bernstein, W. F., Mika, Lillis, and Colwell.
Lillis, Stephen M., assignor to Victor Manufacturing & Gasket Co., Chicago, Ill. Oil seal construction. 2,367,411; Jan. 16.
Lilliston Implement Company: *See*—
Robinson, Samuel S., assignor.
Lillquist, Arvid E., Milwaukee, and O. Proudfoot, Wauwatosa, assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Lifting magnet. 2,366,919; Jan. 9.
Lillquist, Arvid E., Milwaukee, and O. P. Proudfoot, Wauwatosa, assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Controller for lifting magnets. 2,390,377; Dec. 4.
Lillquist, Torsten O.: *See*—
Dilworth, R. M., and Lillquist.
Lillquist, Torsten O., Clarendon Hills, Ill., assignor to General Motors Corporation, Detroit, Mich. Diesel electric drive and control system. 2,371,832; Mar. 20.
Lillquist, Torsten O., Clarendon Hills, Ill., assignor to General Motors Corporation, Detroit, Mich. Generating electric traction and control system. 2,371,833; Mar. 20.
Lillquist, Torsten O., Clarendon Hills, Ill., assignor to General Motors Corporation, Detroit, Mich. Generating electric drive and control system. 2,381,827; Aug. 7.
Lilly, Eli, and Company: *See*—
Elderfield, R. C., and Blout, assignors.
Elderfield, R. C., and Uhle, assignors.
Shonle, H. A., and Rohrmann, assignors.
Lilly, Russell M., Kermit, assignor to The Guilberson Corporation, Dallas, Tex. Pipe union. 2,366,798; Jan. 9.
Limbach, Alex, Carmel, N. Y. Closure for containers. 2,390,889; Dec. 11.
Limberis, Mike, et al.: *See*—
Richardson, Thomas B., assignor.
Limoges China Company, et al.: *See*—
Turner, James, assignor.
Lincks, George F.: *See*—
Suits, C. G., and Lincks.
Lincks, George F., Pittsfield, Mass., assignor to General Electric Company. Electric cutout. 2,379,729; July 3.
Lincks, George F., Pittsfield, Mass., assignor to General Electric Company. Reclosing circuit-interrupting device. 2,380,769; July 31.
Lincoln, Bert H., G. D. Byrkit, and W. L. Steiner, Ponca City, Okla., assignors, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Synthetic lubricant. 2,367,133; Jan. 9.
Lincoln, Bert H., and G. D. Byrkit, Ponca City, Okla., assignors to The Lubri-Zol Development Corporation, Cleveland, Ohio. Lubricating composition. 2,368,670; Feb. 6.
Lincoln, Bert H., and G. D. Byrkit, assignors to Continental Oil Company, Ponca City, Okla. Lubricating oil. 2,369,150; Feb. 13.
Lincoln, Bert H., and G. D. Byrkit, Ponca City, Okla., assignors to Continental Oil Company. Lubricant. 2,371,631; Mar. 20.
Lincoln, Bert H., Ponca City, Okla., and G. D. Byrkit, Niagara Falls, N. Y., assignors, by mesne assignments, to The Lubri-Zol Development Corporation, Cleveland, Ohio. Lubricating oil. 2,380,454; July 31.
Lincoln, Bert H., Ponca City, Okla., and G. D. Byrkit, Niagara Falls, N. Y., assignors to Continental Oil Company, Ponca City, Okla. Lubricant. 2,386,222; Oct. 9.
Lincoln, Bert H., and C. A. Neilson, assignors to Continental Oil Company, Ponca City, Okla. Inhibiting deterioration of organic compounds. 2,370,552; Feb. 27.
Lincoln Creosoting Company, Incorporated: *See*—
Hayes, J. R., and Foley, assignors.
Lincoln Electric Company, The: *See*—
Landis, G. G., and Hoenle, assignors.
Lincoln Engineering Company: *See*—
Rotter, Lutwin C., assignor.
Rotter, L. C., and Klein, assignors.
Rotter, L. C., Klein, Reisert, and Schneller, assignors.
Lincoln Park Industries, Inc.: *See*—
Eglinton, George F., assignor.
Lincoln, Paul A., Bloomsbury, N. J., assignor to Ingersoll-Rand Company, New York, N. Y. Mounting for rock drills. 2,368,932; Feb. 6.
Lincoln, Paul A., Bloomsbury, N. J., assignor to Ingersoll-Rand Company, New York, N. Y. Feeding device for rock drills. 2,379,811; July 3.
Lincoln, Roland L., Dover, assignor to B. F. Sturtevant Company, Boston, Mass. Cinder collector. 2,371,583; Mar. 13.

Lincoln, Roland L., Dover, assignor to B. F. Sturtevant Company, Boston, Mass. Combined centrifugal fan and dust collector. 2,373,960; Apr. 17.
Lind, Alvin C., assignor to National Automotive Fibres, Inc., Detroit, Mich. Stapling mechanism. 2,380,116; July 10.
Lind, Alvin C., and A. Carlin, assignors to National Automotive Fibres, Inc., Detroit, Mich. Apparatus for applying trim molding. 2,372,097; Mar. 20.
Lind, Arthur C., and F. G. Stuller, assignors to Chain Belt Company, Milwaukee, Wis. Seal for journal bearings. 2,369,911; Feb. 20.
Lind, Francis T.: *See*—
Amidon, M., Lind, and Lindberg.
Lind, Otto H., Cincinnati, Ohio. Storm sash. 2,381,129; Aug. 7.
Lindabury, Tryon S., University City, Mo., assignor to Curtiss-Wright Corporation. Fair-leader. 2,387,520; Oct. 23.
Lindall, Walter I., Saugus, Mass. Tool for slitting wire or cable covering. 2,368,227; Jan. 30.
Lindauer and Co.: *See*—
Chuck, Faw Y., assignor.
Lindberg, Charles A., and R. W. Skinner, Rockford, Ill.; C. E. Lindberg, executor of said C. A. Lindberg, deceased. Drawer guide. 2,373,696; Apr. 17.
Lindberg, C. Edward, executor: *See*—
Lindberg, C. A., and Skinner.
Lindberg, Oscar P.: *See*—
Amidon, M., Lind, and Lindberg.
Lindblad, Axel R.: *See*—
Fåhraeus, G. E., Lindblad, and Wallden.
Linde Air Products Company, The: *See*—
Baird, Albert W., assignor.
Day, R. O., and Gordon, assignors.
Hansen, Odd A., assignor.
Hansen, O. A., and Riede, assignors.
Hoffman, James A., assignor.
Kennedy, H. E., and Rotermund, assignors.
Scherl, Egon B., assignor.
Skinner, George M., assignor.
Timmerman, P. E., and Johanson, assignors.
Linde, Leonard J., et al.: *See*—
Strang, H. E., Reed, and Linde.
Lindeen, Edward C., New York, N. Y., assignor to Baltimore Paper Company, Kansas City, Mo. Wave-set envelope. 2,369,060; Feb. 6.
Lindelow, Herbert C., Larchmont, assignor to Lacomastic Corporation, New York, N. Y. Supporting element. 2,370,052; Feb. 20.
Lindeman, Charles A., Jr., Maywood, Ill. Internal-combustion engine. 2,368,933; Feb. 6.
Lindemann, Charles A., Bridgeport, Conn., assignor to General Electric Company. Washing machine. 2,391,718; Dec. 25.
Lindemuth, Lewis B., Port Washington, N. Y., assignor by mesne assignments, to Steel Ingot Production, Inc. Casting ingots. 2,373,036; Apr. 3.
Linden, Carl E., Cincinnati, and R. H. McClellan, Hamilton, assignors to The Fosdick Machine Tool Company, Cincinnati, Ohio. Clamping mechanism for machine tools. 2,375,169; May 1.
Linden, Carl E., Cincinnati, and R. H. McClellan, Hamilton, assignors to The Fosdick Machine Tool Company, Cincinnati, Ohio. Clamping mechanism for machine tools. 2,380,055; July 10.
Lindenblad, Nils E., Rocky Point, N. Y., assignor to Radio Corporation of America. Directive antenna system. 2,370,053; Feb. 20.
Lindenblad, Nils E., Rocky Point, and J. L. Finch, East Rockaway, assignors to Radio Corporation of America. Investigating ether propagation paths. 2,366,632; Jan. 2.
Linder, Ernest G., Philadelphia, Pa., assignor to Radio Corporation of America. Ultra high frequency electronic device. 2,373,837; Apr. 17.
Linder, Rudolph, Stuttgart-Degerloch, Germany; vested in the Alien Property Custodian. Electric circuit for motor vehicles. 2,372,438; Mar. 27.
Lindgren, Hans O., Appelviken, and H. Thylefors, Stockholm, Sweden, assignors to The De Laval Separator Company, New York, N. Y. Centrifugal separating bowl. 2,378,778; June 19.
Lindgren, Henry W., Pistakee Bay, and F. H. Nemitz, Waukegan, Ill., asignors to American Can Company, New York, N. Y. Sheet stacking machine. 2,375,241; May 8.
Lindh, Gunnar, assignor to The Udylite Corporation, Detroit, Mich. Protective coatings for articles. 2,366,414; Jan. 2.
Lindh, Gunnar, assignor to The Udylite Corporation, Detroit, Mich. Protective coating for articles. 2,367,880; Jan. 23.
Lindh, Gunnar, and W. M. Phillips, Jr., assignor to The Udylite Corporation, Detroit, Mich. Joining thermoplastic materials. 2,367,725; Jan. 23.
Lindhardt, Erik J.: *See*—
Joyce, F. E., and Lindhardt.
Lindholm, Arthur W., Milton, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Automatic weighing machine. 2,373,838; Apr. 17.
Lindholm, Arthur W., Milton, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Packaging machine. 2,381,565; Aug. 7.
Lindley Box & Paper Company: *See*—
Powell, Francis V., assignor.
Lindow, Carl W., and J. J. Thompson, assignors to Kellogg Company, Battle Creek, Mich. Food composition. 2,382,242; Aug. 14.
Lindquist, David L., Hartsdale, and J. D. Lewis, Yonkers, assignors to Otis Elevator Company, New York, N. Y. Motor control system. 2,373,579; Apr. 10.
Lindquist, Louis T.: *See*—
Fairley, F. E., Lindquist, Michaels, and Rodgers.
Lindros, Hjalmer C., assignor to Art Metal Construction Company, Jamestown, N. Y. File cabinet. 2,372,504; Mar. 27.
Lindsay, Alexander R.: *See*—
Deisley, E. J., Ulrich, and Lindsay.
Lindsay, Charles H.: *See*—
White, C. B., and Lindsay.
Lindsay, Charles H., Elmira, assignor to American-La France-Foamite Corporation, Elmira, N. Y. Carbon dioxide discharge system. 2,373,037; Apr. 3.
Lindsay, Charles H., assignor to American-La France-Foamite Corporation, Elmira, N. Y. Making reinforced gas flasks. 2,373,038; Apr. 3.
Lindsay, Harvey B., Evanston, assignor to Lindsay & Lindsay, Chicago, Ill. Prefabricated structure for containers and the like. Re. 22,693; Nov. 20.
Lindsay, Harvey B., Evanston, assignor to Lindsay & Lindsay, Chicago, Ill. Prefabricated structure for containers and the like. 2,377,702; June 5.
Lindsay, James R., Bexley, Ohio, assignor to The Jeffrey Manufacturing Company. Electric control system. 2,366,415; Jan. 2.
Lindsay, James R., Bexley, Ohio, assignor to The Traylor Vibrator Company. Motor control. 2,376,791; May 22.
Lindsay & Lindsay: *See*—
Lindsay, Harvey B., assignor.
Lindsay, Maxwell H. A., Summit, N. J., and K. Woloschak, Port Chester, N. Y., assignors to American District Telegraph Company, Jersey City, N. J. Alarm system. 2,390,221; Dec. 4.
Lindsay Wire Weaving Company: *See*—
Hanemann, Herman G., assignor.
Lindsey, Ernest E., assignor to A. T. Case Company, Los Angeles, Calif. Making emulsified food products. 2,369,744; Feb. 20.
Lindsey, Henry A. D., Hickam Field, Hawaii. Antisubmarine device. 2,379,447; July 3.
Lindsey, John W.: *See*—
Leo, H. T., Taylor, and Lindsey.
Lindsey, Joseph T., Rochester, N. Y. Saw sharpening machine. 2,371,572; Mar. 13.
Lindsley, Forester: *See*—
Coxon, J. E., Lindsley, and Shelley.
Lindsley, Lawrence B., Los Gatos, Calif. Pneumatic clutch control. 2,388,857; Nov. 13.
Lindstaedt, Frank F., San Anselmo, Calif. Hosiery run inhibiting preparation. 2,384,382; Sept. 4.
Lindstein, Vigo W., assignor to Svenska Kassaregister-aktiebolaget, Stockholm, Sweden. Calculating machine. 2,374,760; May 1.
Lindstrom, Ture, Edgewood, and J. W. May, Pittsburgh, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,370,054; Feb. 20.
Lindy, Mordie L., Irvington, N. J. Frame construction for receptacles. 2,389,916; Nov. 27.
Line Material Company: *See*—
Brown, Chester W., assignor.
Earl, R. H., and Amundson, assignors.
Earle, Ralph H., assignor.
Link, Edwin A., assignor.
Luebke, Arthur H., assignor.
Mayberry, Walter R., assignor.
Nelson, Rolland D., assignor.
Runke, Glenn R., assignor.
Schnits, William O., assignor.
Steinmayer, Alwin G., assignor.
Linell, Charles S., Oak Park, assignor to F. Raffles, Chicago, Ill. Telephone unit. 2,371,453; Mar. 13.
Lineweaver, Hans, and R. M. McCready, Berkeley, Calif., assignors to United States of America as represented by Claude R. Wickard, Secretary of Agriculture, and his successors. Accelerating the alkaline de-esterification of pectin. 2,386,323; Oct. 9.
Lingal, Harry J., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Bushing. 2,372,098; Mar. 20.
Lingel, Frederick J., Bluffton, Ohio, assignor to The Liquidometer Corporation, Long Island City, N. Y. Electrical telemetering system. 2,391,057; Dec. 18.
Lingel, Frederick J., Bluffton, Ohio, assignor to The Liquidometer Corporation, Long Island City, N. Y. Electrical instrument and system. 2,391,058; Dec. 18.
Lingenbrink, Hermann E. F. C., Hilltown, assignor to William Sellers & Company, Incorporated, Philadelphia, Pa. Injector. 2,369,151; Feb. 13.
Lingle, Charles, Los Angeles, Calif. Apparatus for drying or heating printed or engraved sheets. 2,376,368; May 22.
Link Aviation Devices, Inc.: *See*—
Kail, Karl A., assignor.
Link-Belt Company: *See*—
Suman, Robert W., assignor.

Link-Belt Speeder Corporation: *See*—
Deal, T. M., and Baker, assignors.
Link, Edwin A., Binghamton, N. Y. Training device. 2,385,291; Sept. 18.
Link, Edwin A., assignor to Line Material Company, South Milwaukee, Wis. Switch construction. 2,376,793; May 22.
Link, Edwin A., assignor to Line Material Company, South Milwaukee, Wis. Switch construction. 2,388,617; Nov. 6.
Link, Edwin A., South Milwaukee, assignor to Line Material Company, Milwaukee, Wis. Conductor tap-off clamp. 2,391,428; Dec. 25.
Link, Karl P., assignor to Wisconsin Alumni Research Foundation, Madison, Wis. Salicylic acid compounds for safer therapeutic use. 2,385,365; Sept. 25.
Link, Oscar J., Beaver Dam, Wis., assignor to Kraft Cheese Company. Cream cheese manufacture. 2,387,276; Oct. 23.
Linlor, William I., Schenectady, N. Y., assignor to General Electric Company. Ignition system. 2,377,793; June 5.
Linn, Carl B.: *See*—
Grosse, A. V., and Linn.
Ipatieff, V. N., and Linn.
Linn, Carl B., assignor to Universal Oil Products Company, Chicago, Ill. Alkylation of aromatic hydrocarbons. 2,372,505; Mar. 27.
Linn, Carl B., assignor to Universal Oil Products Company, Chicago, Ill. Alkylation of aromatic hydrocarbons. 2,373,580; Apr. 10.
Linn, Carl B., and V. N. Ipatieff, Riverside, Ill., assignors to Universal Oil Products Company. Alkylation of isoparaffins. 2,366,736; Jan. 9.
Linn, Carl B., and V. N. Ipatieff, Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 2,381,828; Aug. 7.
Linn, James G., West Allis, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Electric current converting system. 2,391,787; Dec. 25.
Linn, Norman F., Roselle Park, N. J., assignor, by mesne assignments, to Standard Catalytic Company. Refining process. 2,377,087; May 29.
Linn, Norman F., Roselle Park, N. J., assignor to Standard Oil Development Company. Handling pulverulent material. 2,379,446; July 3.
Linn, Norman F., Mountainside, and C. O. Tongberg, Westfield, N. J., assignors to Standard Oil Development Company. Producing aromatic hydrocarbons. 2,380,853; July 31.
Linn, William J., Pittsburgh, Pa. Fuel vaporizer. 2,377,088; May 29.
Linotone Corporation: *See*—
Huggins, Owen R., assignor.
Linotype Parts Company: *See*—
Swenson, F., and Erikson, assignors.
Linscott, Leroy N., assignor to Alexander Smith & Sons Carpet Company, Yonkers, N. Y. Apparatus for making pile products. 2,385,925; Oct. 2.
Linscott, Leroy N., assignor to Alexander Smith & Sons Carpet Company, Yonkers, N. Y. Apparatus for feeding and cutting material into definite lengths. 2,385,926; Oct. 2.
Linsenmeyer, John Z., and L. C. Poole, Wilkinsburg, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control system. 2,390,799; Dec. 11.
Linsley, Douglas F., Greenwich, Conn. Shock absorber. 2,378,417; June 19.
Linyard, William W., Compton, Calif. Toolholder for radius cutting. 2,377,561; June 5.
Linz, Arthur, assignor to Climax Molybdenum Company, New York, N. Y. Producing tungsten containing ferrous alloys. 2,381,674; Aug. 7.
Linz, Arthur, assignor to Climax Molybdenum Company, New York, N. Y. Briquettes for alloying. 2,381,675; Aug. 7.
Linnell, Harry K., Long Lake, assignor to United States Gypsum Company, Chicago, Ill. Making compressed fiber products. 2,388,487; Nov. 6.
Lion Oil Refining Company: *See*—
Odell, W. W., and Harbert, assignors.
Lionel Corporation, The: *See*—
Ayres, Waldemar A., assignor.
Ferri, Henry J., assignor.
Lipani, Joseph, Brooklyn, N. Y. Duplex reversible toolholder. 2,385,010; Sept. 18.
Lipari, Evelyn Z., New York, N. Y. Device for interchanging bows or ornaments on shoes. 2,391,429; Dec. 29.
Lipe-Rollway Corporation: *See*—
Spase, Charles B., assignor.
Lipke, Paul H., Jr.: *See*—
Bass, S. L., Rauner, and Lipke.
Lipp, Elmer L., Glendale, assignor to H. H. Helbush, Los Angeles, Calif. Skin clamp-applying tool. 2,373,193; Apr. 10.
Lippart, John, Prospect Park, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Welding apparatus. 2,379,531; July 3.
Lippert, Hans J., Zurich, Switzerland. Automatic firearm. 2,370,363; Feb. 27.
Lippert, Hanns, Zurich, Switzerland. Sear control mechanism for automatic firearms. 2,381,916; Aug. 14.
Lippert, Hanns, and E. Hepperle, Zurich, Switzerland. Automatic firearm. 2,380,455; July 31.
Lippert, Walter C.: *See*—
Gaines, E. F., and Lippert.
Lippincott, Donald K.: *See*—
Goble, R. W., Phillips, and Lippincott.
Lippincott, Joshua G.: *See*—
Negbaur H., and Lippincott.
Lippincott, Joshua G., Scarsdale, N. Y., assignor to Guth, Stern & Co., Inc. Elbow head flashlight. 2,366,202; Jan. 2.
Lippincott, Joshua G., Scarsdale, N. Y., assignor to Dohner & Lippincott, Stamford, Conn. Paper perforator. 2,370,319; Feb. 27.
Lippincott, Wells A., Evanston, assignor to Ideal Roller & Manufacturing Company, Chicago, Ill. Accumulator. 2,371,632; Mar. 20.
Lippincott, Wells A., Evanston, assignor to Ideal Roller & Manufacturing Company, Chicago, Ill. Accumulator. 2,371,633; Mar. 20.
Lippincott, Wells A., Evanston, assignor to Ideal Roller & Manufacturing Company, Chicago, Ill. Bag molding apparatus. 2,377,892; June 12.
Lippincott, Wells A., Evanston, assignor to Ideal Roller & Manufacturing Company, Chicago, Ill. Accumulator. 2,389,791; Nov. 27.
Lippincott, Wells A., Evanston, assignor to Ideal Roller & Manufacturing Company, Chicago, Ill. Accumulator. 2,389,792; Nov. 27.
Lippold, Adolph J., Milwaukee, Wis., assignor to Cherry-Burrell Corporation, Wilmington, Del. Condensate deflector for bottle fillers. 2,389,672; Nov. 27.
Lippow, David, Milwaukee, Wis. Cycle lock. 2,366,863; Jan. 9.
Lipps, Walter M., Birmingham, Mich., assignor to American Chain & Cable Company, Inc., Bridgeport, Conn. Rotor disk for brakes. 2,375,566; May 8.
Lipschutz, George, Philadelphia, Pa. Luggage handle clip. 2,368,934; Feb. 6.
Lipsius, Harry M.: *See*—
Bowles, A. F., and Lipsius.
Lipton, Sarah: *See*—
Brill, R. L., and Lipton.
Lipton, Sarah, deceased, New York, N. Y.; J. L. Orban, administratrix. Hat adjusting means. 2,383,396; Aug. 21.
Lipton, Sarah, New York, N. Y., deceased, Jane L. Orban, administratrix. Anchoring means for flexible members. 2,391,788; Dec. 25.
Liquid Carbonic Corporation, The: *See*—
Becker, Ernest R., assignor.
Kantor, James, assignor.
Matthei, Robert, assignor.
Liquidometer Corporation, The: *See*—
De Giers, Clarence A., assignor.
De Giers, C. A., and Wickesser, assignors.
Denisoff, Alexander C., assignor.
Lingel, Frederick J., assignor.
Lisenbee, George W.: *See*—
Bishop, William C., assignor.
Lisi, Giuseppe, Spoleto, Italy; vested in the Alien Property Custodian. Parachute with variable surface. 2,371,898; Mar. 20.
Lisle, Dallas V., Mount Lebanon, Pa. Display card. 2,386,618; Oct. 9.
Lislansky, Alexander, New York, assignor to International Mutoscope Corporation, Long Island City, N. Y. Suction head. 2,386,166; Oct. 2.
Lister, Charles H., Oldsmar, Fla. Fresh fruit treating machine. 2,378,418; June 19.
Lister and Company, Limited: *See*—
Garner, Walter, assignor.
Lister, Donald A., Brunswick, Ga., assignor to Hercules Powder Company, Wilmington, Del. Resin distillation. 2,374,220; Apr. 24.
Lister, Donald A., Brunswick, Ga., assignor to Hercules Powder Company, Wilmington, Del. Pitch. 2,374,491; Apr. 24.
Lister, Donald A., Brunswick, Ga., assignor to Hercules Powder Company, Wilmington, Del. Reacting terpenes. 2,376,369; May 22.
Lister-Torsen, Aksel, Brooklyn, N. Y. Window blind. 2,386,695; Oct. 9.
Lithgow, John, Oak Park, Ill., and L. K. Jackson, Cleveland, Ohio, assignors to Sears, Roebuck and Co., Chicago, Ill. Absorption refrigerator. 2,380,979; Aug. 7.
Litho Equipment & Supply Co.: *See*—
Rausch, Joseph J., assignor.
Lithograph Press Manufacturing Company, The: *See*—
Stempel, Laszlo M., assignor.
Lithographic Technical Foundation, Inc., The: *See*—
King, Charles F., assignor.
Lithomat Corporation: *See*—
Mullen, William G., assignor.
Litman, Morris, Springfield, Mass. Dust collecting apparatus. 2,384,688; Sept. 11.
Littell, F. J., Machine Company: *See*—
Littell, Frederick M., assignor.
Skriba, R. A., Miller, and Littell, assignors.
Littell, Frederick M.: *See*—
Skriba, R. A., Miller, and Littell.
Littell, Frederick M., Detroit, Mich., assignor to F. J. Littell Machine Company, Chicago, Ill. Coil supporting reel. 2,391,321; Dec. 18.
Littell, Nelson: *See*—
Jeffreys, George A., assignor.

Little, Arthur D., Inc.: *See*—
Hall, Walter T., assignor.
Harford, Charles G., assignor.
Latham, Allen, Jr., assignor.

Little, John W., Scarsdale, N. Y., assignor to Sylvania Industrial Corporation, Fredericksburg, Va. Package. 2,383,728; Aug. 28.

Little, Julius G., assignor to Hercules Powder Company, Wilmington, Del. Chlorinated rubber emulsion. 2,371,899; Mar. 20.

Little, Julius G., assignor to Hercules Powder Company, Wilmington, Del. Resin dispersions and producing. 2,378,240; June 12.

Little, Julius G., assignor to Hercules Powder Company, Wilmington, Del. Coating composition. 2,379,812; July 3.

Little, Julius G., assignor to Hercules Powder Company, Wilmington, Del. Cellulosic lacquer. 2,379,974; July 10.

Little, Julius G., assignor to Hercules Powder Company, Wilmington, Del. Adhesive. 2,382,731; Aug. 14.

Little, Julius G., assignor to Hercules Powder Company, Wilmington, Del. Transparentizing paper. 2,383,660; Aug. 28.

Little, Lawrence E., Epsom, England. Folding perambulator. 2,381,066; Aug. 7.

Little, Ralph V., Jr., Swarthmore, Pa., assignor to Radio Corporation of America. Voltage regulator circuit. 2,376,438; May 22.

Little, Robert A., Donora, and J. A. Rice, Belle Vernon, Pa., assignors to The American Steel and Wire Company of New Jersey. Duplex head nail machine 2,381,171; Aug. 7.

Little, Robert J.: *See*—
Willing, J. E., and Little.

Little, Royal, Providence, and L. Jehu, Cranston, assignors to Textron, Incorporated, Providence, R. I. Winding tertile packages. 2,388,557; Nov. 6.

Littlefield, Edgar E., West Hollywood, Los Angeles, Calif. Electrical apparatus. 2,373,697; Apr. 17.

Littlefuse, Inc.: *See*—
Sundt, E. V., and Purcell, assignors.

Littler, Clarence A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Pest control. 2,387,336; Oct. 23.

Littleton, Jesse T.: *See*—
Guyer, E. M., Littleton, and Shaw.

Litton, Charles V., Redwood City, Calif., assignor to International Standard Electric Corporation, New York, N. Y. Ultra-high-frequency tube. 2,372,213; Mar. 27.

Litton, Charles V., Redwood City, assignor of one-fourth to J. L. Markel and one-fourth to A. M. Poniatoff, San Francisco, Calif. Vacuum distillation apparatus. 2,374,870; May 1.

Litton, Charles V., Redwood City, Calif., assignor to International Standard Electric Corporation, New York, N. Y. Making seal members. 2,379,584; July 3.

Livak, John E., assignor to The Dow Chemical Company, Midland, Mich. Di-halophenyl-dialkyl ethers. 2,366,203; Jan. 2.

Livak, Allen P., Dayton, Ohio, assignor to Chrysler Corporation, Highland Park, Mich. Rectangular pot burner. 2,369,823; Feb. 20.

Livak, Allen P., Dayton, Ohio, assignor to Chrysler Corporation, Detroit, Mich. Heat exchanger. 2,373,900; Apr. 17.

Livak, Allen P., Dayton, Ohio, assignor to Chrysler Corporation, Detroit, Mich. Heating appliance. 2,389,264; Nov. 20.

Livak, Allen P., Dayton, Ohio, assignor to Chrysler Corporation, Highland Park, Mich. Recirculation insulated space heater. 2,389,265; Nov. 20.

Livermont, Frank W., Glendale, assignor, by direct and mesne assignments, to Tubing Seal-Cap, Inc., Los Angeles, Calif. Closure cap. 2,371,900; Mar. 20.

Livermont, Frank W., assignor of twenty per cent to W. L. Hume, thirty per cent to R. A. Livingston, fifteen per cent to R. L. Ames, and five per cent to M. F. Vaughan, Los Angeles, Calif. Torque wrench. 2,371,901; Mar. 20.

Livermore, William T., Grosse Pointe, Mich. Transmission. 2,376,545; May 22.

Livers, Carlos B., assignor to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Tube coupling. 2,381,829; Aug. 7.

Livingood, Jesse F., West Finley, Pa. Boiler. 2,378,308; June 12.

Livingston, John W.: *See*—
Bone, H. L., and Livingston.

Livingston, John W., Lynbrook, N. Y., assignor to The Union Switch and Signal Company, Swissvale, Pa. Speed responsive device. 2,385,213; Sept. 18.

Livingston, John W., assignor to Monsanto Chemical Company, St. Louis, Mo. Production of styrene. 2,389,793; Nov. 27.

Livingston, Louis E.: *See*—
Montgomery, J. A., and Livingston.

Livingston, Orrin W.: *See*—
Cooper, B., and Livingston.

Livingston, Orrin W., Scotia, N. Y., assignor to General Electric Company. Electric control circuit. 2,366,537; Jan. 2.

Livingston, Orrin W., Scotia, N. Y., assignor to General Electric Company. Electric valve circuit. 2,370,178; Feb. 27.

Livingston, Orrin W., Scotia, N. Y., assignor to General Electric Company. Electric valve control system. 2,371,056; Mar. 6.

Livingston, Orrin W., Scotia, N. Y., assignor to General Electric Company. Electric valve control system. 2,372,964; Apr. 3.

Livingston, Orrin W., Scotia, N. Y., assignor to General Electric Company. Electric control circuit. 2,373,544; Apr. 10.

Livingston, Orrin W., Scotia, N. Y., assignor to General Electric Company. Electric valve system. 2,382,243; Aug. 14.

Livingston, Orrin W., Scotia, N. Y., assignor to General Electric Company. Electric valve translating apparatus. 2,384,937; Sept. 18.

Livingston, Orrin W., Scotia, N. Y., assignor to General Electric Company. Electric control circuit. 2,385,214; Sept. 18.

Livingston, Richard A., et al.: *See*—
Livermont, Frank W., assignor.

Livingstone, Harry, Longsight, Manchester, 12, assignor to Manchester Repetition Engineers Limited, Manchester, England. Roller box or steady for lathes and like machines. 2,390,312; Dec. 4.

Liwschits-Garik, Michael: *See*—
Greene, N. J., and Liwschits-Garik.

Ljunggren, Thor H., Charlestown, N. H., assignor to Bryant Chucking Grinder Company, Springfield, Vt. Machine feed mechanism. 2,368,992; Feb. 6.

Ljunggren, Thor H., Charlestown, N. H., and W. F. Moore, assignors to Bryant Chucking Grinder Company, Springfield, Vt. High speed induction motor rotor. 2,372,590; Mar. 27.

Llewellyn, Frederick B., Verona, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,367,295; Jan. 16.

Llewellyn, Frederick B., Verona, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,368,031; Jan. 23.

Llewellyn, Walter E., Nutley, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Apparatus for cutting filaments. 2,391,719; Dec. 25.

Llorens, Jose A., Santurce, P. R. Oilstoning device for plane irons and chisel blades. 2,370,908; Mar. 6.

Llorens, Louis M., assignor, by mesne assignments, to Swift Business Machines Corporation, Great Barrington, Mass. Computing and listing machine. 2,368,311; Jan. 30.

Lloyd, A. H., Coventry, England, assignor to Alfred Herbert Limited, Edgwick, Coventry, England. Change-speed gearing for machine tools. 2,366,974; Jan. 9.

Lloyd, Charles W., assignor to Ginger Cola Dispenser Inc., Brooklyn, N. Y. Beverage dispensing device. 2,379,532; July 3.

Lloyd, Joseph, Salford, assignor to J. Mandleberg & Company Limited, Pendleton, England. Fuel tank or container. 2,367,953; Jan. 23.

Lloyd, Joseph, Pendleton, Salford 6, assignor to J. Mandleberg & Company Limited, Pendleton, Lancaster, England. Machine for coating textile fabrics. 2,377,637; June 5.

Lloyd, Joseph, Pendleton, Salford, 6, assignor to J. Mandleberg & Company Limited, Pendleton, England. Adhesive compositions. 2,386,696; Oct. 9.

Lloyd, Milby W., assignor to Eureka Vacuum Cleaner Company, Detroit, Mich. Aircraft pyrotechnic. 2,381,130; Aug. 7.

Lloyd, Nicholas P., Wynnewood, Pa. Automatic lathe. 2,374,112; Apr. 17.

Lloyd, Thorne E., Bear Pond, N. J., assignor to Dwight & Lloyd Sintering Company, Inc., New York, N. Y. Heat-treating process and apparatus. 2,380,056; July 10.

Loane, Clarence M.: *See*—
Mixon, L. W., and Loane.

Loane, Clarence M., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Solvent composition. 2,381,506; Aug. 7.

Lobasso, Vincent, assignor to G. J. Rosenfeld, New York, N. Y. Fruit juice extractor. 2,369,305; Feb. 13.

Lobdell, Arthur M., Plympton, assignor, by mesne assignments, to Shaer and Turner Engineering Company, Inc., Boston, Mass. Cranberry picking machine. 2,376,260; May 15.

Lobdell, Prentiss, Elizabeth, N. J., assignor to Standard Oil Development Company. Controlling fluid flow. 2,379,240; June 26.

Lobel, Mervyn J., New York, N. Y. Medicinal preparation. 2,381,830; Aug. 7.

Lobelle, Marcel J. O., assignor to R. Malcolm Limited, Slough, England. Aircraft. 2,375,423; May 8.

Lobelle, Marcel J. O., assignor to Messrs. R. Malcolm Limited, Slough, England. Apparatus for supplying pressure air to aircraft, vehicles, and boats. 2,377,794; June 5.

Lobosco, Roscoe R., Elizabeth, N. J., assignor to Union Carbide and Carbon Corporation. Magnetic templet-following machine. 2,378,021; June 12.

Lochrane, Harold M.: *See*—
Frauenthal, H., and Lochrane.

Lock Joint Pipe Company: *See*—
Brend, William R., assignor.
Hirah, Philip R., assignor.

Lock, Ritchie H., Chigwell, England. Manufacture of lactic acid and salts thereof. 2,382,889; Aug. 14.

Locke, Charles G., St. Marys, W. Va. Roof constructing tool. 2,373,403; Apr. 10.

Locke Insulator Corporation: *See*—
Skipper, Edward M., assignor.

Locke, Ronald S.: *See*—
Rooney, J. H., Locke, and Hawtin.

Locke, Sanford J., and W. J. Francey, Syracuse, assignors to United States Hoffman Machinery Corporation, New York, N. Y. Garment finishing apparatus. 2,378,565; June 19.

Locke Stove Company: *See*—
Esson, Edwin, assignor.

Lockhart, Marshall L., Detroit, Mich. Hypodermic injector. 2,380,534; July 31.

Lockheed Aircraft Corporation: *See*—
Alter, Horace J., assignor.
Burt, Robert C., assignor.
Carroll, George A., assignor.
Clark, N. C., and Carlson, assignors.
Cooke, John P., assignor.
Corte, Alfred, assignor.
Elmer, T., and Sowle, assignors.
Harasta, Clarence J., assignor.
Hathaway, Chester A., assignor.
Hunter, Frank S., assignor.
Kennedy, R., Hough, and Bodner, assignors.
Larsen, Victor A., assignor.
McConnell, A. M., and Braham, assignors.
Pearsall, E. S., Jr., and Richolt, assignors.
Price, Nathan C., assignor.
Rempt, Henry F., assignor.
Schubert, A. J., and Adelhanof, assignors.
Shonts, J. G., and Pray, assignors.
Stanley, Kenneth, assignor.
Sullivan, George C., assignor.
Tiffany, Frank E., assignor.

Lockridge, William R., administrator: *See*—
Loughridge, Matthew H.

Lockwood, Edwin H., and L. E. Lown, Mansfield, Ohio, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Heating apparatus. 2,375,242; May 8.

Lockwood, Maysie, Dansville, N. Y. Roasting rack. 2,377,948; June 12.

Lockwood, Thorval J., Gering, Nebr. Potato grader chain. 2,387,918; Oct. 30.

Locomotive Economizer Corporation: *See*—
Thompson, Le Roy, assignor.

Loder, Donald J., and W. F. Gresham, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. 1,3-dioxolane modified organic products. 2,366,737; Jan. 9.

Loder, Donald J., and W. F. Gresham, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Organic acids modified by formaldehyde and glycol. 2,366,738; Jan. 9.

Loder, Donald J. and W. M. Bruner, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of nitriles. 2,369,061; Feb. 6.

Loder, Donald J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of organic esters. 2,373,483; Apr. 10.

Loder, Donald J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Conversion of methyl formate to formic acid. 2,373,583; Apr. 10.

Loder, Donald J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthesis of adiponitrile. 2,377,795; June 5.

Loder, Donald J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Esters. 2,388,164; Oct. 30.

Lodge, Alvin: *See*—
Bruenner, A., and Lodge.
Cole, Paul M., and Lodge.

Lodge, Alvin, Detroit, Mich., assignor to American Viscose Corporation, Wilmington, Del. Spinning ring. 2,367,361; Jan. 16.

Lodwick, Albert I.: *See*—
Abel, C. F., and Lodwick.

Lodwig, Erwin, Franklin Square, assignor to Mobile Refrigeration, Inc., New York, N. Y. Chamber door construction. 2,368,935; Feb. 6.

Loeb, Felix F., Chicago, and J. E. Bales, assignors to Lyon Metal Products, Incorporated, Aurora, Ill. Display rack. 2,378,419; June 19.

Loeb, Felix F., Chicago, and J. E. Bales, assignors to Lyon Metal Products, Incorporated, Aurora, Ill. Cabinet with drawers. 2,382,429; Aug. 14.

Loeb, Felix F., Chicago, and J. E. Bales, assignors to Lyon Metal Products, Incorporated, Aurora, Ill. 2,384,842; Sept. 18.

Loepsinger, Albert J., assignor to Grinnell Corporation, Providence, R. I. Sway brace. 2,372,214; Mar. 27.

Loepsinger, Albert J., assignor to Grinnell Corporation, Providence, R. I. Spring support. 2,373,125; Apr. 10.

Loepsinger, Albert J., assignor to Grinnell Corporation, Providence, R. I. Control apparatus. 2,387,668; Oct. 23.

Loepsinger, Albert J., assignor to Grinnell Corporation, Providence, R. I. Supporting means. 2,391,467; Dec. 25.

Loeser, Oscar, Jr.: *See*—
Rosendahl, C. E., and Loeser.

Loewe, Peter L., and E. L. Boyce, assignors to H. Goldberg, Chicago, Ill. Lawn mower. 2,378,488; June 19.

Loewe, Peter L., and E. L. Boyce, assignors to H. Goldberg, Chicago, Ill. Lawn mower. 2,388,165; Oct. 30.

Loewensohn, Samuel, Brooklyn, N. Y. Hair net. 2,372,330; Mar. 27.

Loewenstein, Jacob, New York, N. Y. Building caisson gates and similar structures. 2,373,484; Apr. 10.

Loewenstein, Jacob, New York, N. Y. Ship construction. 2,378,566; June 19.

Loewenstein, Jacob, New York, N. Y. Building construction. 2,380,600; July 31.

Loewenstern, Walter, assignor to Houston Oxygen Company, Houston, Tex. Chlorinating apparatus. 2,389,524; Nov. 20.

Loewer, Henry F., Rochester, N. Y., assignor to United Last Company, Portland, Maine. Shoe tree. 2,376,926; May 29.

Loewer, Henry F., Rochester, and L. W. Brown, Bellerose, N. Y., assignors to United Last Company, Portland, Maine. Full-form shoe tree. 2,375,931; May 15.

Loew's Incorporated: *See*—
Gillespie, A. A., Hauser, and Wise, assignors.

Loewy Engineering Company Limited, The: *See*—
Henschker, Erhard R., assignor.
Loewy, Ludwig, assignor.
Lorant, Hugo, assignor.

Loewy, Ludwig, Bournemouth, assignor to The Loewy Engineering Company Limited, London, England. Metal extrusion press and operating same. 2,388,558; Nov. 6.

Lofdahl, Herman L., Klamath Falls, Oreg. Block molding machine. 2,389,673; Nov. 27.

Lofgren, Gustaf E., Riverside, assignor to Electrolux Corporation, Old Greenwich, Conn. Vacuum cleaner. 2,371,767; Mar. 20.

Lofgren, Gustaf E., Riverside, Conn., assignor to Electrolux Corporation, New York, N. Y. Garment bag. 2,372,439; Mar. 27.

Lofqwist, Olof J., London, England. Device for insertion into keyholes for obstructing same to prevent unauthorized entry. 2,383,397; Aug. 21.

Loftus, Alice M., et al.: *See*—
Salverda, Henry P., assignor.

Loftus Engineering Corporation: *See*—
Loftus, F. H., and (Troglione, assignors).
Wolf, John E., assignor.

Loftus, Fred H., Mount Lebanon, Pa. Furnace unloader. 2,382,491; Aug. 14.

Loftus, Fred H., Mount Lebanon, and V. R. Troglione, Wilkinsburg, said Troglione assignor to Loftus Engineering Corporation, Inc., Pittsburgh, Pa. Car-bottom furnace. 2,391,173; Dec. 18.

Logan, Clarence E., M. C. Dowling, and P. E. Hartung, assignors to The Dow Chemical Company, Midland, Mich. Metal pouring device. 2,372,628; Mar. 27.

Logan Engineering Co.: *See*—
Koht, Thorvald A. P. Thronsen, assignor.
Logan, Henry H., assignor.

Logan, Frank G., Mount Vernon, N. Y., assignor to Ward Leonard Electric Company. Electric switch. 2,378,022; June 12.

Logan, Frank G., Mount Vernon, N. Y., assignor to Ward Leonard Electric Company. Device for overcoming effects of shocks. 2,385,292; Sept. 18.

Logan, Frank G., Mount Vernon, N. Y., assignor to Ward Leonard Electric Company. Device for overcoming effects of shocks. 2,385,293; Sept. 18.

Logan, George H., Los Angeles, and J. K. Hiss, Santa Monica, Calif. Collapsible crib. 2,378,231; June 12.

Logan, Henry H., assignor to Logan Engineering Co., Chicago, Ill. Bar feed for lathes. 2,376,606; May 22.

Logan, Mason A.: *See*—
Barry, J. F., and Logan.

Logan, Waldo H., Chicago, Ill. Article for neckwear. 2,377,019; May 29.

Logan, Waldo R., Sudbury, assignor to Waltham Watch Company, Waltham, Mass. Swaging tool. 2,371,697; Mar. 20.

Logemann, Clarence L., Milwaukee, Wis. Shoe machinery. Re. 22,676; Sept. 25.

Logemann, Willy: *See*—
Butenandt, A., and Logemann.

Logemann, Willy, Berlin-Charlottenburg, Germany, assignor to Schering Corporation, Bloomfield, N. J. Manufacture of compounds of the cyclopentano-polyhydrophenanthrene series. 2,372,440; Mar. 27.

Logsdon, Harry, Newton, Iowa. Mailbox. 2,382,645; Aug. 14.

Logue, Eugene W., assignor to J. E. Logue, Caldwell, Kans. Forced draft heater. 2,382,800; Aug. 14.

Logue, Julia E.: *See*—
Logue, Eugene W., assignor.

Logue, Leland H., assignor to Mining Process and Patent Company, Denver, Colo. Aerating apparatus. 2,390,111; Dec. 4.

Lohner, Carl L., Chicago, and D. E. Rueckert, Mokena, assignors to Industrial Patents Corporation, Chicago, Ill. Treatment of animal carcasses. 2,371,967; Mar. 20.

Lohr, Freeman D., East Orange, and G. V. McGurl, Newark, N. J., assignors, by mesne assignments, to Koppers Company, Inc. Regulating the bulk density of coke oven charges. 2,378,420; June 19.

Lohse, Julius, Berlin-Wilmersdorf, Germany; vested in the Alien Property Custodian. Continuous metallurgical treatment of raw materials. 2,375,932; May 15.

Lolelt, Hans, Dessau, and G. Wilmanns, Wolfen, Kreis Bitterfeld, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Dyestuff intermediate products. 2,378,779; June 19.

Lomax, Clarence E., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,377,562; June 5.

Lomax, Clarence E., Chicago, Ill., assignor to Automatic Electric Laboratories, Inc. Signaling system. 2,384,938; Sept. 18.

Lomax, Clarence E., Chicago, Ill., assignor to Automatic Electric Laboratories, Inc. Telephone system. 2,386,126; Oct. 2.

Lomax, Clarence E., and P. Bakker, Chicago, Ill., assignors to Automatic Electric Laboratories, Inc. Telephone system. 2,385,715; Sept. 25.

Lomax, Frank B., Chicago, Ill. Apparatus for treating eggs. 2,382,492; Aug. 14.

Lomax, Fred, Flixton, Manchester, England. Propeller. 2,367,879; Jan. 23.

Lomax, Sue: *See*—
Marsan, Charles R., assignor.

Lomazzo, Edmund J.: *See*—
Sparks, S. W., and Lomazzo.

Lombard, Herman, U. S. Navy. Release hanger or connector. 2,368,671; Feb. 6.

Lombard, Robert H., assignor to Norton Company, Worcester, Mass. Grinding wheel mounting. 2,388,697; Nov. 13.

Lombardi, Anthony J., Floral Park, assignor to the firm

Lombardi Knitting Machine Co., Inc.: *See*—
Lombardi, Vincent, assignor.

Lombardi, Vincent, Garden City, assignor to Lombardi Knitting Machine Co., Inc., Brooklyn, N. Y. Knitting machine. 2,373,126; Apr. 10.

Lombardi, Vincent, Montclair, N. J., assignor to Lombardi Knitting Machine Co., Inc., Brooklyn, N. Y. Knitted fabric. 2,378,780; June 19.

Lombardo, Frank, Kansas City, Mo. Severing apparatus. 2,372,788; Apr. 3.

London, Aaron, Brooklyn, N. Y. Necktie support. 2,382,430; Aug. 14.

Lone Star Cement Corporation: *See*—
Brown, Levi S., assignor.
Swayze, Myron A., assignor.

Loney, William W., La Grange, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Article handling apparatus. 2,387,160; Oct. 16.

Long, Armistead R., Fayetteville, W. Va., and J. B. Long, U. S. Navy, Fort Schuyler, N. Y., assignors to Long Super Mine Car Company, Fayetteville, W. Va. Tail section for chain conveyers. 2,386,619; Oct. 9.

Long, Douglas P.: *See*—
Christian, D. A., and Long.

Long, George A., Austin, Tex. Caisson and sinking. 2,373,319; Apr. 10.

Long, Jack L., U. S. Army. Portable telephone. 2,377,162; May 29.

Long, James: *See*—
Spickelmier, E., Long, McKinley, and Day.

Long, James W.: *See*—
Dirkes, R. F., Long, Melick, and Hewitt.

Long, John B.: *See*—
Long, A. R. and J. B.

Long, John R., Akron, Ohio. Sawhorse. 2,373,485; Apr. 10.

Long, John R., assignor to Wingfoot Corporation, Akron, Ohio. Derivatives of fatty acids and preparing same. 2,391,251; Dec. 18.

Long, John R., Stow, assignor to Wingfoot Corporation, Akron, Ohio. Esterification. 2,370,055; Feb. 20.

Long, John R., Stow, assignor to Wingfoot Corporation, Akron, Ohio. Unsaturated carboxylic acids. 2,376,067; May 15.

Long, John R., Stow, assignor to Wingfoot Corporation, Akron, Ohio. Preparation of acid chlorides. 2,388,657; Nov. 6.

Long, Marshall C., Kansas City, Mo. Hydraulic torque converter. 2,371,337; Mar. 13.

Long, Paul H.: *See*—
Hudson, E. B., Long, and Pick.

Long, Ralph D.: *See*—
Oliver, T. C., Long, and Crosson.

Long, Richard H., Oakland, assignor, by mesne assignments, to California Research Corporation, San Francisco, Calif. Variable cycle timer. 2,382,078; Aug. 14.

Long, Robert, assignor to American Porcelain Enamel Company, Muskegon, Mich. Making manifolds. 2,391,468; Dec. 25.

Long, Robert S.: *See*—
Lecher, H. Z., Parker, and Long.

Long, Robert S., Martinsville, N. J., assignor to American Cyanamid Company, New York, N. Y. Metalised azo dyestuffs. 2,366,633; Jan. 2.

Long, Sidney L., Minneapolis, Minn. Toy. 2,376,261; May 15.

Long Super Mine Car Company: *See*—
Long, A. R. and J. B., assignors.

Long, Verne V., Torrington, Wyo. Index head. 2,371,902; Mar. 20.

Long, William H.: *See*—
Kelley, Lawrence E., assignor.

Longden, Eric, Greenside, Johannesburg, Transvaal, Union of South Africa. Filter. 2,390,841; Dec. 11.

Longenecker, Charles I., Wauwatosa, assignor to Chain Belt Company, Milwaukee, Wis. Pump construction 2,381,220; Aug. 7.

Longenecker, Charles I., assignor to Chain Belt Company, Milwaukee, Wis. Pump for plastic concrete mixtures. 2,384,783; Sept. 11.

Longenecker, Charles I., Wauwatosa, assignor to Chain Belt Company, Milwaukee, Wis., Self-priming centrifugal pump. 2,386,485; Oct. 9.

Longenecker, Jay H., Richmond, Va. Necktie and collar clasp. 2,379,533; July 3.

Longenecker, Levi S., Mount Lebanon, Pa. Furnace door. 2,387,594; Oct. 23.

Longerich, Ernest P., Mahwah, N. J. Anode ring motor. 2,379,730; July 3.

Longfellow, Harold R., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Testing apparatus. 2,386,127; Oct. 2.

Longhway, Joseph F., Oswego, N. Y. Dispensing apparatus. 2,389,068; Nov. 13.

Longini, Richard L., assignor, by mesne assignments, to Wheelco Instruments Company, Chicago, Ill. Burner control apparatus. 2,376,496; May 22.

Longnecker, Charles I., Wauwatosa, assignor to Chain Belt Company. Milwaukee, Wis. Pump construction. 2,375,802; May 15.

Longoria, Antonio, South Euclid, assignor of one-half to Unit Rays, Inc., Cleveland, Ohio. Process of and apparatus for bonding metals. 2,377,163; May 29.

Lonngren, Harald E., New York, N. Y. Cracking petroleum oils. 2,372,591; Mar. 27.

Lonsdale, William, Roselle Park, N. J., assignor to Foster Wheeler Corporation, New York, N. Y. Apparatus for producing extended surface tubular members. 2,367,226; Jan. 16.

Lontz, John F.: *See*—
Kirby, J. E., and Lontz.

Loomis, Crawford C., Ilion, N. Y., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Firearm. 2,377,703; June 5.

Loomis, Crawford C., Ilion, N. Y., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Gun sight. 2,377,704; June 5.

Loomis, Crawford C., Ilion, N. Y., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Firearm. 2,387,669; Oct. 23.

Loomis, Glenn, McAllen, Tex. Irrigation border filler and temporary dam forming machine. 2,367,412; Jan. 16.

Looney, Leo E., Revere, Mass. Bearing cup puller. 2,380,980; Aug. 7.

Loos, Alexander, Jr., Williamsport, Ind. Buckle. 2,388,752; Nov. 13.

Loose, William S., assignor to The Dow Chemical Company, Midland, Mich. Removal of electrodeposited metals. 2,371,529; Mar. 13.

Looser, John J.: *See*—
Tucker, E. M., E. M., Jr., and J. M., assignors.

López, Enrique, New York, N. Y. Automobile jack. 2,383,661; Aug. 28.

Lopez, Mario S.: *See*—
Jost, Wilford E., assignor.

Lopez, Rufino: *See*—
Schaefer, R. K., Allen, and Lopez.

Lopez, Serafin G., New York, N. Y. Cap for pencil, pencil-pen combinations, or the like. 2,367,683; Jan. 23.

L'Orange Prosper, Stuttgart-Feuerbach, Germany; vested in the Alien Property Custodian. Regulation of the combustible mixture for internal-combustion engines. 2,387,277; Oct. 23.

Lorant, Hugo, New York, N. Y., assignor to The Loewy Engineering Company Limited, London, W. C. 2, England. Apparatus for forming cup-shaped hollow bodies. 2,371,304; Mar. 13.

Lorant, Hugo, New York, N. Y., assignor to The Loewy Engineering Company Limited, London, England. Discard shearing tool for extrusion presses. 2,385,144; Sept. 18.

Lorant, Hugh J., and A. Sadger, London, England; said Sadger assignor to said Lorant. Milling, grinding, turning, or other machine tool. 2,376,242; May 15.

Lorber, Charles, Louisville, Ky. Self-quis test device. 2,380,657; July 31.

Lorch, Arthur E., Tenafly, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Production of butadiene. 2,371,530; Mar. 13.

Lorch, Arthur E., Tenafly, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Production of butadiene. 2,371,534; Mar. 20.

Lorch, Arthur E., Tenafly, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Production of butadiene. 2,384,108; Sept. 4.

Lorch, Arthur E., Tenafly, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Production of butadiene. 2,386,324; Oct. 9.

Lorch, Arthur E., Tenafly, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Production of butadiene. 2,386,325; Oct. 9.

Lord Baltimore Press, The: *See*—
Bouchelle, William T., assignor.

Lord & Burnham Company: *See*—
King, Thomas E., assignor.

Lord, Byron C., Clayton, Mich. Portable ladder and adjustable platform assembly. 2,384,939; Sept. 18.

Lord, Francis LeB., Bloomfield, assignor to Titelox Manufacturing Company, Montclair, N. J. Lock nut unit. 2,388,270; Nov. 6.

Lord, Francis LeB., Bloomfield, assignor to Titelox Manufacturing Company, Montclair, N. J. Flanged lock nut unit. 2,388,271; Nov. 6.

Lord, Francis LeB., Bloomfield, assignor to Titelox Manufacturing Company, Montclair, N. J. Internal lock nut. 2,388,272; Nov. 6.

Lord, Francis LeB., Bloomfield, assignor to Titelox Manufacturing Company, Montclair, N. J. Lock stud. 2,388,273; Nov. 6.

Lord, Harold W., Schenectady, N. Y., assignor to General Electric Company. Electric switch. 2,372,965; Apr. 3.

Lord, Hugh C., assignor to Lord Manufacturing Company, Erie, Pa. Frictional controlling device for rotating bodies. 2,382,373; Aug. 14.

Lord Manufacturing Company: *See*—
Hunshaw, Richard C., assignor.
Kaemmerling, Gustav H., assignor.
Lord, Hugh C., assignor.
Strachovsky, Nikita B., assignor.
Wallerstein, Leon, Jr., assignor.
Yates, Tom L., assignor.

Lord, Royal B., U. S. Army, Washington, D. C. Gun turret. 2,373,127; Apr. 10.

Lorentz, Melvin E., et al: *See*—
Hedberg, Aldrich R., assignor.

Lorenz, George A., Edwardsville, Ill., assignor to Shell Development Company, San Francisco, Calif. Refining hydrocarbons. 2,368,554; Jan. 30.

Lorenzen, Howard O., Washington, D. C. Radio tube socket. 2,374,221; Apr. 24.

Lorensen, Howard O., College Park, Md. Radio tube socket adaptations. 2,377,893; June 12.

Loria, Anthony: *See*—
Dickey, J. B., and Loria.

Lorig, Clarence H., assignor to Battelle Memorial Institute, Columbus, Ohio. Valve element. 2,380,854; July 31.

Lornitzo, Frank C., Pawtucket, assignor to Pantex Pressing Machine, Inc., Central Falls, R. I. Fabricated multipurpose pressing head. 2,370,553; Feb. 27.

Lornitzo, Frank C., Pawtucket, assignor to Pantex Pressing Machine, Inc., Central Falls, R. I. Fabricated pressing head. 2,370,612; Feb. 27.

Lornitzo, Frank C., Pawtucket, assignor to Pantex Pressing Machine, Inc., Central Falls, R. I. Control for pressing machines. 2,381,917; Aug. 14.

Lornitzo, Frank C., Pawtucket, assignor to Pantex Pressing Machine, Inc., Central Falls, R. I. Flow control for pressing machines. 2,381,918; Aug. 14.

Lornitzo, Frank C., Pawtucket, assignor to Pantex Pressing Machine, Inc., Central Falls, R. I. Safety control for pressing machines. 2,382,322; Aug. 14.

Lornitzo, Frank C., Pawtucket, assignor to Pantex Pressing Machine, Inc., Central Falls, R. I. Latch control for pressing machines. 2,382,323; Aug. 14.

Lose, James E., Wilkinsburg, Pa. Deep-drawing steel. 2,387,919; Oct. 30.

Losey, Arthur H., assignor to Hammond Machinery Builders, Inc., Kalamazoo, Mich. Grinding or polishing machine and contact roll therefor. 2,378,643; June 19.

Losey, Malcom S.: *See*—
Hall, Charles W., assignor.

Loth, William A. and S. M. H. Guyot, Paris, France; vested in the Alien Property Custodian. Swivelling screw propeller. 2,382,431; Aug. 14.

Lotter, Adolph G., assignor to Stationers Loose Leaf Company, Milwaukee, Wis. Loose-leaf binder construction. 2,387,337; Oct. 23.

Lotz, John F., Jr., Birmingham, Ala. Bag filling holder. 2,384,109; Sept. 4.

Lotz, Rudolph W.: *See*—
Cowles, Irving, assignor.

Loucks, Claude A., et al.: *See*—
Lea, H. V., and Schmidt, assignors.
Lea, H. V., Schmidt, and du Bose, assignors.

Louden, Harry M., Columbus, Ohio, and C. W. McCreery Muncie, Ind., assignors to Owens-Illinois Glass Company. Mold lock. 2,383,556; Aug. 28.

Louden Machinery Company, The: *See*—
Bergen, Lloyd R., assignor.

Loudermilk, Earl R., Kansas City, Mo. Combination cigarette dispenser and ash tray. 2,390,657; Dec. 11.

Loufek, Anthony, Villa Park, Ill. Ice prevention means for aircraft. 2,374,441; Apr. 24.

Loughlin, James F., New York, N. Y. Separating and recovering constituents of tall oil. 2,382,890; Aug. 14.

Loughren, Arthur V., Great Neck, N. Y., assignor to Hazeltine Corporation, Washington, D. C. Signal transmission system. 2,388,001; Oct. 30.

Loughridge, Matthew H., deceased, Bogota, N. J.; W. R. Lockridge, administrator. Fluid motor. 2,378,489; June 19.

Loughridge, Matthew H., Bogota, N. J., deceased, William R. Lockridge, administrator. Decoding system. 2,387,850; Oct. 30.

Louisiana State University and Agricultural and Mechanical College, Board of Supervisors of: *See*—
Fieger, E. A., and Williams, assignors.

Louisville Drying Machinery Company: *See*—
Ernst, Robert C., assignor.
Overton, Glen, assignor.

Loukomsky, Serge A., Bound Brook, and H. T. Lacey, Plainfield, N. J., assignors to American Cyanamid Company, New York, N. Y. Porphine pigments. 2,375,120; May 1.

Loumiet et Lavigne, Jean, Playa de la Teja, Itabo, Cuba. Boiler feed regulating apparatus. 2,377,254; May 29.

Lounsbury, John C., Washington, D. C. Needle threader. 2,382,079; Aug. 14.

Louthan, Chester F., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,391,252; Dec. 18.

Louthan, George R., assignor to Deere & Company, Moline, Ill. Centrifugal propelling device. 2,385,632; Sept. 25.

Louttit, James E.: *See*—
Records, E. H., and Louttit.

Louviaux, Leon I., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Glass inspection apparatus. 2,388,789; Nov. 13.

Love, Aubrey, Ridgewood, N. J., assignor of one-fourth to P. J. Garity, New York, N. Y. Aircraft control. 2,382,016; Aug. 14.

Love, Howard T., Mayaguez, P. R.; dedicated to the free use of the people of the territory of the United States. Extracting oil from avocados. 2,383,398; Aug. 21.

Love, James S., Madison, Tenn. Sawmill gauge. 2,373,486; Apr. 10.

Lovejoy, Fred C., and L. W. Buxton, St. Louis, Mo., assignors to United Shoe Machinery Corporation, Flemington, N. J. Trimming machine. 2,375,803; May 15.

Lovelace, William R., II: *See*—
Akerman, J., Boothby, Bulbulian, and Lovelace.
Boothby, W., and Lovelace.

Loveless, Donald L., Baltimore, Md., assignor to Rustless Iron and Steel Corporation. Alloy steel process. 2,370,364; Feb. 27.

Lovell, Clarence A.: *See*—
Dunlap, K. S., Kelsall, Lovell, and Mallina.

Lovell Manufacturing Company: *See*—
Kauffman, Walter L., II, assignor.

Lovell, Raymond L., South Lyon, Mich. Poultry battery system and cleaning apparatus therefor. 2,383,326; Aug. 21.

Lovell, Stanley P., Newtonville, and F. H. Russell, Needham, Mass., assignors to Beckwith Manufacturing Company, Dover, N. H. Shoe construction. 2,373,404; Apr. 10

Lovell, Wheeler G., and N. E. Phillips, assignors to General Motors Corporation, Detroit, Mich. Electrolytic reduction of aluminum bromide. 2,373,320; Apr. 10.

Lovely, John E., assignor to Jones & Lamson Machine Company, Springfield, Vt. Fluid actuated double ended chuck spindle. 2,372,592; Mar. 27.

Loveman, William H., Shaker Heights, Ohio. Apparatus for applying and removing valve fittings in gas cylinders. 2,374,871; May 1.

Loveridge, Gilbert T., Wethersfield, and H. E. Carlson, assignors to Hartford Rayon Corporation, Rocky Hill, Conn. Rayon bobbin spinning machine and operation. 2,379,813; July 3.

Lovers, Guy J., Astoria, and T. Karan, Elmhurst, N. Y. Pipe-cutting machine. 2,383,607; Aug. 28.

Lo Vico, Rosario, Astoria, Long Island, N. Y. Preset pressure can for frozen foods or the like. 2,372,331; Mar. 27.

Loving, George H.: *See*—
Chapman, F. F., Johnson, and Loving.

Lovisone, Louis, Lower Lake, Calif. Tree grafting gauge. 2,371,454; Mar. 13.

Low, Charles L., Lee Township, Allegan County, Mich. Printing machine. 2,386,962; Oct. 16.

Low, Richard, assignor to Conmar Products Corporation, Newark, N. J. Manufacture of sliders for slide fasteners. 2,372,837; Apr. 3.

Lowden, Gordon A., Miamisburg, Ohio. Optical work area locator. 2,379,534; July 3.

Lowe, Arthur R.: *See*—
Boon, W. R., and Lowe.

Lowe, Charles S., Upper Darby, assignor to The Pennsylvania Salt Manufacturing Company, Philadelphia, Pa. Solvent emulsion cleaner. 2,374,113; Apr. 17.

Lowe, Earl R., Detroit, Mich. Chuck. 2,373,321; Apr. 10.

Lowe, Earl W., assignor to Mueller Co., Decatur, Ill. Chain lock or fastener. 2,379,014; June 26.

Lowe, James M., Valleyfield, Quebec, Canada. Printing. 2,384,843; Sept. 18.

Lowe, Kenneth J., Ilion, N. Y., assignor to Remington Arms Company, Inc. Firearm. 2,369,244; Feb. 13.

Lowe, Russell E.: *See*—
Morgan, J. D., and Lowe.

Lowe, Wesley G., and W. F. Fowler, Jr., assignors to Eastman Kodak Company, Rochester, N. Y. Photographic emulsions. 2,367,511; Jan. 16.

Lowe, Wesley G., and K. P. Griffin, assignors to Eastman Kodak Company, Rochester, N. Y. Polyvinyl alcohol emulsion coating. 2,376,371: May 22.

Lowell, Arthur L., New York, N. Y., and K. F. Fromuth, South Bend, Ind. Operation of bellows-type wing flaps and the like. 2,369,152; Feb. 13.

Lowell & Grayson: *See*—
Grayson, Richard D., assignor.

Löwenstein, Leo, Berlin-Wilmersdorf, Germany; vested in the Alien Property Custodian. Preparing arsenates by anodic oxidation of salts of arsenious acid. 2,375,933; May 15.

Löwenstein, Leo, Berlin-Wilmersdorf, Germany; vested in the Alien Property Custodian. Producing foam baths. 2,382,732; Aug. 14.

Lower, Donald P., assignor to Dodge Manufacturing Corporation, Mishawaka, Ind. Oil ring. 2,386,963; Oct. 16.

Lower, Melvin S., Ravenna, Ohio. Scraper. 2,380,855; July 31.

Lowery, Thomas W., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Boss forming process. 2,373,901; Apr. 17.

Lowey, Roy E., Evanston, assignor to Container Corporation of America, Chicago, Ill. Container. 2,381,067; Aug. 7.

Lowit, Rudolf, assignor to Callite Tungsten Corporation, Union City, N. J. Making seamless hollow bodies of refractory metals. 2,373,405; Apr. 10.

Lowit, Rudolf, assignor to Callite Tungsten Corporation, Union City, N. J. Electrical assembly. 2,377,164; May 29.

Lowman, John C.: *See*—
Hedges, W. D., Lowman, and Kerr.

Lown, Lester E.: *See*—
Lockwood, E. H., and Lown.

Lown, Walter: *See*—
Baratelli, C. A., Bernheim, and Lown.
Bernheim, D. P., Splaine, Lehmberg, Lown, and Baratelli.
Lehmberg, W. H., Baratelli, and Lown.

Lown, Walter, Boston, and C. A. Baratelli, Cambridge, assignors, by mesne assignments, to American Optical Company, Southbridge, Mass. Goggles. 2,387,851; Oct. 30.

Lownsbery, Harry R., Elmira, N. Y. Fluid feeding and distributing apparatus. 2,391,174; Dec. 18.

Lowry, Charles D., Jr., assignor to Universal Oil Products Company, Chicago, Ill. Manufacture of inhibitors. 2,387,920; Oct. 30.

Lowry, Clyde D.: *See*—
Knight, M., and Lowry.

Lowry, Jesse R., assignor to National Milker Company, Des Moines, Iowa. Milker construction. 2,366,273; Jan. 2.

Lowry, Jesse R., Des Moines, Iowa. Pump. 2,382,080; Aug. 14.

Lowry, Robert W., Minneapolis, Minn. Knife. 2,387,032; Oct. 16.

Lowther, John W., assignor to Kerotest Manufacturing Company, Pittsburgh, Pa. Core box. 2,386,326; Oct. 9.

Lowther, Wilfred W., Minneapolis, Minn. Air cleaner. 2,367,227; Jan. 16.

Lowther, Wilfred W., Minneapolis, Minn. Oil washed air cleaner. 2,387,278; Oct. 23.

Lowther, Wilfred W., Minneapolis, Minn. Fuel pump for internal-combustion engines. 2,389,159; Nov. 20.

Lowy, Arthur, Newark, N. J., assignor to New York Engineering Company, New York, N. Y. Bung bushing. 2,385,294; Sept. 18.

Lowy, Larry, New York, N. Y. Combined phonograph and projector. 2,380,250; July 10.

Lowy, Robert, Philadelphia, Pa., assignor to The Baldwin Locomotive Works. Steering gear for ships. 2,385,090; Sept. 18.

Loy Corporation: *See*—
Loy, Egon, assignor.

Loy, Egon, assignor to Loy Corporation, New York, N. Y. Finishing treatment for felt and felt hat bodies. 2,379,643; July 3.

Loy, John W. McLean, Va., assignor to Phillips Petroleum Company. Catalyst chamber apparatus. 2,383,729; Aug. 28.

Loy, Thomas H., Columbus, Ohio. Garden tractor. 2,367,466; Jan. 16.

Loyd, Vivian G., Cumberley, England. Articulated bogie for track laying or other vehicles. 2,386,620; Oct. 9.

Lozinski, Ezra: *See*—
Butler, G. C., Lozinski, and Odell.

Luáces, Enrique L., Woodhaven, N. Y., assignor, by mesne assignments, to Research and Development Corporation, Wilmington, Del. Recovery of carbon bisulphide. 2,387,763; Oct. 30.

Luaces, Enrique L., Dayton, Ohio, assignor to New Wrinkle, Inc., Wilmington, Del. Wrinkle coating from nonconjugated oils. 2,389,794; Nov. 27.

Luaces, Enrique L., Dayton, Ohio, assignor to New Wrinkle, Inc., Wilmington, Del. Wrinkle coating from nonconjugated oils. 2,389,795; Nov. 27.

Luáces, Enrique L., and M. A. Crosby, assignors to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Treating wire for belt manufacture. 2,382,081; Aug. 14.

Luber-Finer, Inc.: *See*—
Russell, John K., assignor.

Luboshez, Benjamin E., assignor to Eastman Kodak Company, Rochester, N. Y. Exposure control for cameras. 2,369,473; Feb. 13.

Luboshez, Benjamin E., assignor to Eastman Kodak Company, Rochester, N. Y. Range finder. 2,373,406; Apr. 10.

Luboshez, Benjamin E., assignor to Eastman Kodak Company Rochester, N. Y. Artificial horizon for sextants. 2,386,621; Oct. 9.

Lubri-Zol Development Corporation, The: *See*—
Lincoln, B. H., and Byrkit, assignors.
Werder, John F., assignor.

Lucarelle, Joseph M., Bridgeport, Conn., assignor to Dictaphone Corporation, New York, N. Y. Clutch operating mechanism for phonographs. 2,367,413; Jan. 16.

Lucas, Jay J., assignor of 25 percent to I. Elenbas, Centerline, Mich. Pencil sharpener. 2,382,017; Aug. 14.

Lucas, Mildred F., assignor to Operadio Manufacturing Co., St. Charles, Ill. Loud-speaker. 2,366,964; Oct. 16.

Lucas, Stephen J., Chicago, Ill. Reed. 2,375,934; May 15.

Luccous, John C.: *See*—
Otis, H. C., and Luccous.

Luce, Richard W., Southport, Conn. Threaded locking device. 2,376,927; May 29.

Luce, Richard W., Southport, Conn. Anchor nut. 2,389,989; Nov. 27.

Luce, Robert C., Grand Rapids, Mich. Sash balance. 2,370,867; Mar. 6.

Luce, Roy: *See*—
Den Breejen, A., Amari, Luce, Petty, and R. and T. K. Webster, Jr.

Luce, Wilhelm: *See*—
Orthner, L., Luce, and Wagner.

Lucek, Charles W.: *See*—
Fitch, K. E., Large, and Lucek.

Lucek, Charles W., Port Chester, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Teletypewriter exchange system. 2,368,715; Feb. 6.

Lucia, Louis V.: *See*—
Wolcott, F. E., and Lucia.

Lucia, Louis V., West Hartford, assignor to The Silex Company, Hartford, Conn. Combination steaming and pressing iron. 2,369,677; Feb. 20.

Lucia, Louis V., West Hartford, assignor to The Silex Company, Hartford, Conn. Filtering device. 2,370,674; Mar. 6.

Lucia, Louis V., West Hartford, assignor to The Silex Company, Hartford, Conn. Circuit control and connection therefor. 2,373,248; Apr. 10.

Lucid, David E., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Making arcute molded articles. 2,369,583; Feb. 13.

Lucid, David E., Dayton, Ohio, assignor General Motors Corporation, Detroit, Mich. Making friction linings. 2,379,166; June 26.

Luck, David G. C., Merchantville, N. J., assignor to Radio Corporation of America. Rate of climb indicator. 2,369,788; Feb. 20.

Luck, David G. C., Hightstown, N. J., assignor to Radio Corporation of America. Radio direction finder. 2,387,670; Oct. 23.

Lucke, Henry J.: *See*—
Luckhaupt, Christopher.
Winter, Arthur C., assignor.

Luckenbach, William F., Jr., Oaklyn, N. J., assignor to Foote Mineral Company, Philadelphia, Pa. Composition comprising an organolithium product. 2,388,166; Oct. 30.

Luckenbill, David B.: *See*—
Shiras, R. N., and Luckenbill.

Luckhaupt, Christopher, Jamaica, N. Y., assignor to Henry J. Lucke, East Orange, N. J. Treating timber. 2,383,504; Aug. 28.

Luckhaupt, Christopher, Jamaica, N. Y., assignor to Luckite Processes, Inc., Delawanna, N. J. Treating cellulose matter and resulting product. 2,387,801; Oct. 30.

Luckite Processes, Inc.: *See*—
Luckhaupt, Christopher, assignor.

Lucks, Charles F.: *See*—
Russell, H. W., and Lucks.

Ludbrook, Leslie C., Cawston, near Rugby, England, assignor to General Electric Company. Electromagnetic gauge. 2,380,251; July 10.

Ludi, William C., and E. M. Fry, Jr., Matawan, N. J., assignor to Standard Oil Development Company. Alarm signal system for automatic valves. 2,389,204; Nov. 20.

Ludington, Charles T., Ardmore, Pa. Amphibian aircraft. 2,383,870; Aug. 28.

Ludlow Valve Manufacturing Co., Inc., The: *See*—
Lee, Henry B., assignor.
Weinberg, Edwin A., assignor.

Ludwell, Frederick R., San Jose, assignor to E. D. Bullard Company, San Francisco, Calif. Safety headgear. 2,384,183; Sept. 4.

Ludwig, Andrew H., New York, N. Y. Spring construction. 2,375,667; May 8.

Ludwig, Carl L., Los Angeles, Calif. Measuring dispenser. 2,366,343; Jan. 2.

Ludwig, Carl L., Los Angeles, Calif. Multiple dispenser. 2,386,128; Oct. 2.

Ludwig, Frederick W., as trustee: *See*—
Stephens, Thomas J., assignor.

Ludwig, Hans: *See*—
Fingado, G. A., and Ludwig.

Ludwig, John E., Sr., assignor to David-Ludwig Company, Detroit, Mich. Air cleaner. 2,383,138; Aug. 21.

Ludwig, Leon R., and R. C. Bergvall, Forest Hills, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electrical system. 2,383,327; Aug. 21.

Ludwig, Samuel, Toronto, Ontario, Canada. Footwear. 2,391,720; Dec. 25.

Ludwig, Sidney, assignor to The Ward Products Corporation, Cleveland, Ohio. Antenna. 2,366,634; Jan. 2.

Ludwig, W. E.: *See*—
Chambers, A., and Gearhart, assignors.

Luebke, Arthur H., assignor to Line Material Company, Milwaukee, Wis. Wire reel. 2,370,868; Mar. 6.

Lueck, Lawrence R., El Monte, Calif. Aircraft landing wheel turbine. 2,377,638; June 5.

Luehrs, Hans J., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Rotary web printing press. 2,377,165; May 29.

Luehrs, Hans J., Westerly, R. I., and P. W. Cottrell, Stonington, Conn., assignors to C. B. Cottrell & Sons Company, Westerly, R. I. Sheet feeder. 2,383,807; Aug. 28.

Luenberger, Frederick O.: *See*—
Huck, G. E., and Luenberger.

Luenberger, Frederick O., Los Angeles, and C. E. Pugh, Inglewood, assignors to U. S. Electrical Motors, Inc., Los Angeles, Calif. Motor adjusting mechanism. 2,377,563; June 5.

Luertzing, Walter O., Vineland, N. J., assignor to E. Machlett & Son, New York, N. Y. Apparatus for sealing glass tubes. 2,378,146; June 12.

Luger, Kenneth E., Minneapolis, Minn. Clothes drying rack. 2,379,975; July 10.

Luger, William G., Minneapolis, assignor of one-fourth to W. Sipe, Robbinsdale, Minn. Cultivator attachment for tractors. 2,368,312; Jan. 30.

Luhn, Hans P., Armonk, assignor to International Business Machines Corporation, New York, N. Y. Code translator. 2,369,474; Feb. 13.

Lui, Henry S. K., San Francisco, Calif. Stamp roller. 2,386,965; Oct. 16.

Luisada, Aldo A., Boston, Mass. Treating heart ailments. 2,366,799; Jan. 9.

Lukowitz, Bernard V., Milwaukee, Wis. Trick walking cane. 2,385,091; Sept. 18.

Lul Products, Inc.: *See*—
Larkin, Lester U., assignor.

Lulek, Ralph N., and O. H. Johnson, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Acid wool dyestuffs of the anthraquinone series. 2,369,969; Feb. 20.

Lulham, Thomas R., London, England. Device for use in connection with ash trays for cigarettes. 2,374,442; Apr. 24.

Lum, George R., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone booth. 2,371,968; Mar. 20.

Lum, James H., Dayton, Ohio, assignor to Monsanto Chemical Company. Impregnating pressed metal articles. 2,376,706; May 22.

Lum, James H., and R. L. Schaefer, Dayton, Ohio, assignors to Monsanto Chemical Company, St. Louis, Mo. Protein-containing plastic compositions. 2,376,607; May 22.

Lum, John C., Union, and T. J. Keating, Bloomfield, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Protective compositions. 2,367,954; Jan. 23.

Lumb, Charles F., Kingston Hill, and F. G. W. Spears, Potters Bar, England. Tube cleaning apparatus for boilers and the like. 2,384,940; Sept. 18.

Lumbard, Henry G., Auburn, Maine. Cushion cupped-heel insole. 2,379,366; June 26.

Lumbard, Henry G., Auburn, Maine. Shoemaking. 2,391,789; Dec. 25.

Lummus Company, The: *See*—
Bloomer, Ward J., assignor.
Boeckeler, B. C., Lummus, and Nansen, assignors.
Bowles, Vernon O., assignor.
Gadwa, Truman A., assignor.
Gibb, J. A., Hayward, and Schutte, assignors.
Hiltz, Percy L., assignor.
Kniel, Ludwig, assignor.
Kraft, Wheaton W., assignor.
Lambert, P., Riemenschneider, and Gibb, assignors.
Reed, Carl S., assignor.
Riemenschneider, Ralph H., assignor.
Schneider, Rolf E., assignor.
Schutte, August H., assignor.
Schutte, A. H., and Bowles, assignors.
Tarbox, Leon A., assignor.

Lummus Cotton Gin Company: *See*—
Muirhead, Alfred R., assignor.

Lummus, Edward I.: *See*—
Boeckeler, B. C., Lummus, and Nansen.

Lund, Arthur D., Minneapolis, Minn., assignor, by mesne assignments, to General Motors Corporation. Grid pasting machine. 2,375,424; May 8.

Lund, Charles W.: *See*—
Indge, H. S., and Lund.

Lund, Johan, Detroit, Mich., assignor to The Gear Grinding Machine Company, Hamtramck, Mich. One-way rotary clutch. 2,388,424; Nov. 6

Lund, Johan, Detroit, assignor to The Gear Grinding Machine Company, Hamtramck, Mich. Transmission unit testing machine. 2,388,425; Nov. 6.

Lundal, Ingie J., Maywood, and C. F. Weinreich, Des Plaines, Ill., assignors to Cherry-Burrell Corporation, Wilmington, Del. Packaging apparatus. 2,387,452; Oct. 23.

Lundberg, Gustave E., Riverside, Ill., assignor to International Harvester Company. Air circulating system. 2,376,546; May 22.

Lundberg, Gustave E., and A. R. Crawford, Riverside, Ill., assignors to International Harvester Company. Air cleaner and baffle element therefor. 2,387,080; Oct. 16.

Lundberg, Loren L., Pine Bluffs, Wyo. Potato harvesting machine. 2,381,172; Aug. 7.

Lundbye, Axel E., assignor to The Crowell-Collier Publishing Company, Springfield, Ohio. Intaglio printing press. 2,377,089; May 29.

Lundeberg, Edgar C., Hartford Conn. Gauge. 2,377,020; May 29.

Lundeen, Carl V.: *See*—
Blount, H., and Lundeen.

Lundeen, Carl V., Towson, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Insulation slitting tool. 2,391,721; Dec. 25.

Lundeen, Carl V., Towson, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Portable insulation slitting tool. 2,391,722; Dec. 25.

Lundeen, John A., Pequot Lakes, Minn. Drip timing device. 2,375,375; May 8.

Lundell-Eckberg Manufacturing Company, Inc: *See*—
Lundell, Victor S., assignor.

Lundell, Victor S., assignor to Lundell-Eckberg Manufacturing Company, Inc., Jamestown, N. Y. Window operator. 2,370,740; Mar. 6.

Lundgren, Eric, Braddock Heights, Md., assignor to T. A. Unsworth, Burlington, Vt. Interlacing needle loom. 2,377,564; June 5.

Lundholm, Josef E., Stockholm, Sweden. Closure fastener device. 2,369,584; Feb. 13.

Lundholm, Josef E., Stockholm, Sweden. Devices for bolting up double windows connected with one another. 2,389,375; Nov. 20.

Lundin, Nils E.: *See*—
Olsson, J., and Lundin.

Lundin, Walfred L., Tacoma, Wash. Child's crib. 2,369,834; Feb. 20.

Lundquist, Carl J., Davenport, Iowa. Laundry apparatus. 2,371,834; Mar. 20.

Lundquist, Hjalmar T., Kennett Square, Pa. Belt sander. 2,391,322; Dec. 18.

Lundquist, William E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Modified maleic anhydride-terpene reaction products and producing same. 2,383,399; Aug. 21.

Lundquist, Wilton G., Hohokus, and E. H. Olson, Paterson, N. J., assignors to Wright Aeronautical Corporation. Intake manifold arrangement. 2,382,244; Aug. 14.

Lundry, Walter R., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Attennation equalizer. 2,374,872; May 1.

Lundstrom, Alexis A., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Alternating current signal receiver. 2,387,671; Oct. 23.

Lundstrom, Ida, St. Louis, Mo. Curtain fixture. 2,374,605; Apr. 24.

Lundy, Bertram F., Vancouver, British Columbia, Canada. Dehydrating apparatus. 2,386,052; Oct. 2.

Lundy, Beverly A.: *See*—
Hull, S. P., Corcoran, and Lundy.

Lung, Kenneth R., assignor to Flint & Walling Manufacturing Co., Inc., Kendallville, Ind. Pump priming control. 2,368,367; Jan. 30.

Lunge, George S., Scotia, N. Y., assignor to General Electric Company. Telemeter system. 2,375,668; May 8.

Lunt, William R. F., Durban, Natal, Union of South Africa. Cooling the air in underground mine workings and like places. 2,386,560; Oct. 9.

Lupton, Elmer H., Ilchester, Md., assignor to The Bartgis Bros. Company. Bottle carrier. 2,384,480; Sept. 11.

Lurcott, Eugene George, Jr., Indianapolis, Ind., assignor to Radio Corporation of America. Range finder. 2,373,249; Apr. 10.

Lurie, Marc, Indianapolis, Ind. Water rectification. 2,367,228; Jan. 16.

Lurtz, Carl, Brooklyn, N. Y. Escapement mechanism 2,385,011; Sept. 18.

Lusa, Joseph, Ridgefield, N. J. Counterbore. 2,374,761; May 1.

Luse, Daniel C., Chicago, Ill. Cleansing mass and producing the same. 2,372,838; Apr. 3.

Luster, Donald R.: *See*—
Rutherford, P. B., and Luster.

Luten, Daniel B., Jr.: *See*—
De Benedictis, A., and Luten.

Luten, Daniel B., Jr., and A. De Benedictis, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Separating phenols. 2,366,538; Jan. 2.

Luten, Daniel B., Jr., and S. B. Thomas, Berkeley, Calif., assignors to Shell Development Company, San Francisco, Calif. Production of 2,3,5-trimethyl phenol. 2,370,554; Feb. 27.

Luten, Daniel B., Jr., and A. De Benedictis, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Purification of alkyl phenols. 2,378,232; June 12.

Lutes, Emory, et al.: *See*—
Seiden, Elmer J., assignor.

Lutes, Herschel, Detroit, and J. J. Buzzell, Alpena, Mich. Refrigerating apparatus. 2,381,068; Aug. 7.

Lutes, Herschel, Detroit, and J. J. Buzzell, Alpena, Mich. Refrigerating apparatus. 2,381,069; Aug. 7.

Lutes, Oakley D., et al.: *See*—
Seiden, Elmer J., assignor.

Luth, Harold J., Muskegon Heights, and H. B. Scheidemantel, Muskegon, Mich., assignors to The Brunswick-Balke-Collender Company, Chicago, Ill. Plastic fastening means and applying same. 2,366,274; Jan. 2.

Luth, Harold J., S. R. Krupnick, and R. H. Hansen, Jr., Muskegon, Mich., assignors to The Brunswick-Balke-Collender Company, Chicago, Ill. Bowling pin setter. 2,380,601; July 31.

Luth, Harold J., and S. R. Krupnick, Muskegon, Mich., assignors to The Brunswick-Balke-Collender Company, Chicago, Ill. Method and apparatus for drying lumber. 2,387,595; Oct. 23.

Luther, Karl H.: *See*—
Tea, C. A., and Luther.

Luthi, Robert, Forest Park, Ill., assignor to American Can Company, New York, N. Y. Feeding device. 2,371,177; Mar. 13.

Lutkunirski, Karel, Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Temperature control apparatus. 2,386,903; Oct. 16.

Luton, William I., Nashville, assignor of one-half to W. O. Luton, Sylvia, Tenn. Safety instrument board cushion. 2,375,567; May 8.

Luton, William O.: *See*—
Luton, William I., assignor.

Luttge, William G., Rockville Centre, N. Y., assignor to American Viscose Corporation, Wilmington, Del. Fabric. 2,373,194; Apr. 10.

Lutz, Karl B., et al.: *See*—
Howard, William C., Jr., assignor.

Lutz, Raymond P., Oak Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Leaded phenol resins and making such resins. 2,367,296; Jan. 16.

Lutz, William C., Union, N. J. Rocking horse. 2,372,384; Mar. 27.

Luxenberger, Eugene A.: *See*—
Schott, J. F., Luxenberger, and Blair.

Luxene Inc.: *See*—
Galley, Charles E., assignor.

Lyall, John D., Lancaster Township, Lancaster County, assignor to Armstrong Cork Company, Lancaster, Pa. Measuring and discharging device. 2,385,092; Sept. 18.

Lybarger, Samuel F., assignor to E. A. Myers & Sons, Pittsburgh, Pa. Sound transmitter. 2,367,726; Jan. 23.

Lybarger, Samuel F., assignor to E. A. Myers & Sons, Pittsburgh, Pa. Audiphone receiver. 2,375,010; May 1.

Lycan, William H., and J. L. Eyre, Milwaukee, Wis., assignors to Pittsburgh Plate Glass Company. Artificial drying oil. 2,373,250; Apr. 10.

Lyden, Frank J., Erie, Pa. Bearing construction for dynamo-electric machines. 2,381,070; Aug. 7.

Lyon, Arthur, Cumberland, Md., assignor to Celanese Corporation of America. Textile material. 2,377,434; June 5.

Lykken, Henry G. and W. H., Minneapolis, Minn. Pulverizing and classifying apparatus. 2,380,321; July 10.

Lykken, William H.: *See*—
Lykken, Henry G. and W. H.

Lyle, Aaron K., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Apparatus for coating glass articles. 2,375,482; May 8.

Lyle, Aaron K., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Method of and apparatus for making glass. 2,388,274; Nov. 6.

Lyle, Edward L., Maryville, Tenn., assignor to Aluminum Company of America, Pittsburgh, Pa. Coil handling apparatus. 2,389,443; Nov. 20.

Lyle, Frederick W., Irwin, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Time delay device. 2,383,328; Aug. 21.

Lyle, James E., Canton, Ill., assignor to International Harvester Company. Agricultural machine. 2,376,547; May 22.

Lyle, Malcolm H., Johnson City, and C. B. Smith, Elizabethton, Tenn., assignors to North American Rayon Corporation, New York, N. Y. Yarn lubrication. 2,383,505; Aug. 28.

Lyman, Harold T., Milford, Conn., assignor to General Electric Company. Frequency modulation receiver. 2,369,585; Feb. 13.

Lynch, Charles S., Plainfield, N. J., assignor to Standard Oil Development Company. Isomerization process. 2,383,608; Aug. 28.

Lynch and Company: *See*—
Jaeger, Charles B., Jr., assignor.

Lynch, E. P., Inc.: *See*—
Lynch, John R., assignor.

Lynch, Elbert J., St. Johnsbury, Vt., assignor to Fairbanks, Morse & Co., Chicago, Ill. Tare poise control mechanism. 2,376,608; May 22.

Lynch, Harold J., Cornwall-on-Hudson, N. Y. Injection molding of plastic materials. 2,386,697; Oct. 9.

Lynn, Harry H.: *See*—
Mosier, E. H., and Lynn.

Lynch, John R., Providence, R. I., assignor to E. P. Lynch, Inc. Luminous article and method. 2,372,903; Apr. 3.

Lynch, Kathryn L.: *See*—
Jaeger, A. O., and Lynch.

Lynch, Kathryn L., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Organic compounds and their preparation. 2,368,067; Jan. 23.

Lynch, Kathryn L., and H. J. West, Old Greenwich, Conn., assignors to American Cyanamid Company, New York, N. Y. Wetting and emulsifying agents. 2,379,535; July 3.

Lynch Manufacturing Corporation: *See*—
Sandberg, Oscar, assignor.

Lynch, Vernon C., Berwyn, Ill. Rotary steam engine. 2,376,792; May 22.

Lynd, William E., Longview, Tex., assignor to Lane-Wells Company, Los Angeles, Calif. Dual production device. 2,370,476; Feb. 27.

Lyndhurst Chemical Corporation: *See*—
Joy, H. van B., and Rust, assignors.

Lynex, Alfred J., Buffalo, N. Y., assignor to Curtiss-Wright Corporation. Scribing tool. 2,388,361; Nov. 6.

Lynn, Clarence, Pittsburgh 21, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Direct-current dynamoelectric machine and ventilating system therefor. 2,381,296; Aug. 7.

Lynn, Clarence, Pittsburgh 21, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Ventilated electromagnetic device. 2,381,297; Aug. 7.

Lynn, George E., and F. W. Fletcher, assignors to The Dow Chemical Company, Midland, Mich. Parasiticidal compositions. 2,378,309; June 12.

Lynn, George E., and F. W. Fletcher, assignors to The Dow Chemical Company, Midland, Mich. Insecticide composition. 2,378,310; June 12.

Lynn, George E., and B. J. Thiegs, assignors to The Dow Chemical Company, Midland, Mich. Method for killing plants. 2,378,716; June 19.

Lynn, Lawrence B.: *See*—
Hanna, C. R., Mikina, and Lynn.

Lynn, Lawrence B., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Gun stabilizing apparatus. 2,381,161; Aug. 7.

Lynn, Robert M., Altadena, Calif. Lens system. 2,379,167; June 26.

Lyon, George A., Allenhurst, N. J. Wheel structure. 2,368,228; Jan. 30.

Lyon, George A., Allenhurst, N. J. Making wheel covers. 2,368,229; Jan. 30.

Lyon, George A., Allenhurst, N. J. Wheel structure. 2,368,230; Jan. 30.

Lyon, George A., Allenhurst, N. J., assignor to Lyon Incorporated, Detroit, Mich. Fender shield construction and assembly. 2,368,231; Jan. 30.

Lyon, George A., Allenhurst, N. J. Conveyer system. 2,368,233; Jan. 30.

Lyon, George A., Allenhurst, N. J. Wheel structure. 2,368,234; Jan. 30.

Lyon, George A., Allenhurst, N. J. Wheel structure. 2,368,235; Jan. 30.

Lyon, George A., Allenhurst, N. J. Wheel structure. 2,368,236; Jan. 30.

Lyon, George A., Allenhurst, N. J. Wheel cover structure and assembly. 2,368,237; Jan. 30.

Lyon, George A., Allenhurst, N. J. Wheel structure. 2,368,238; Jan. 30.

Lyon, George A., Allenhurst, N. J. Wheel cover structure. 2,368,239; Jan. 30.

Lyon, George A., Allenhurst, N. J. Wheel construction. 2,368,240; Jan. 30.

Lyon, George A., Allenhurst, N. J. Wheel structure. 2,368,241; Jan. 30.

Lyon, George A., Allenhurst, N. J. Wheel construction 2,368,242; Jan. 30.

Lyon, George A., Allenhurst, N. J. Wheel structure. 2,368,243; Jan. 30.

Lyon, George A., Allenhurst, N. J. Wheel structure. 2,368,244; Jan. 30.

Lyon, George A., Allenhurst, N. J. Wheel structure. 2,368,245; Jan. 30.

Lyon, George A., Allenhurst, N. J. Wheel structure. 2,368,246; Jan. 30.

Lyon, George A., Allenhurst, N. J. Wheel structure. 2,368,247; Jan. 30.

Lyon, George A., Allenhurst, N. J. Wheel structure. 2,368,248; Jan. 30.

Lyon, George A., Allenhurst, N. J. Wheel structure. 2,368,249; Jan. 30.

Lyon, George A., Allenhurst, N. J. Wheel structure. 2,368,250; Jan. 30.

Lyon, George A., Allenhurst, N. J. Wheel structure. 2,368,251; Jan. 30.

Lyon, George A., Allenhurst, N. J. Wheel structure. 2,368,252; Jan. 30.

Lyon, George A., Allenhurst, N. J. Wheel structure. 2,368,253; Jan. 30.

Lyon, George A., Allenhurst, N. J. Wheel structure. 2,368,254; Jan. 30.

Lyon, George A., Allenhurst, N. J. Making wheel covers. 2,386,223; Oct. 9.

Lyon, George A., Allenhurst, N. J. Wheel structure. 2,386,224; Oct. 9.

Lyon, George A., Allenhurst, N. J. Wheel construction. 2,386,225; Oct. 9.

Lyon, George A., Allenhurst, N. J. Wheel construction. 2,386,226; Oct. 9.

Lyon, George A., Allenhurst, N. J. Wheel construction. 2,386,227; Oct. 9.

Lyon, George A., Allenhurst, N. J. Wheel structure. 2,386,228; Oct. 9.

Lyon, George A., Allenhurst, N. J. Wheel structure. 2,386,229; Oct. 9.

Lyon, George A., Allenhurst, N. J. Wheel structure. 2,386,230; Oct. 9.

Lyon, George A., Allenhurst, N. J. Wheel structure. 2,386,231; Oct. 9.

Lyon, George A., Allenhurst, N. J. Wheel structure. 2,386,232; Oct. 9.

Lyon, George A., Allenhurst, N. J. Wheel structure. 2,386,233; Oct. 9.

Lyon, George A., Allenhurst, N. J. Wheel structure. 2,386,234; Oct. 9.

Lyon, George A., Allenhurst, N. J. Wheel structure. 2,386,235; Oct. 9.

Lyon, George A., Allenhurst, N. J. Wheel structure. 2,386,236; Oct. 9.

Lyon, George A., Allenhurst, N. J. Wheel structure. 2,386,237; Oct. 9.

Lyon, George A., Allenhurst, N. J. Wheel structure. 2,386,238; Oct. 9.

Lyon, George A., Allenhurst, N. J. Wheel structure. 2,386,239; Oct. 9.

Lyon, George A., Allenhurst, N. J. Wheel structure. 2,386,240; Oct. 9.

Lyon, George A., Allenhurst, N. J. Wheel structure. 2,386,241; Oct. 9.

Lyon, George A., Allenhurst, N. J. Wheel structure. 2,386,242; Oct. 9.

Lyon, George A., Allenhurst, N. J. Wheel structure. 2,386,243; Oct. 9.

Lyon, George A., Allenhurst, N. J. Wheel structure. 2,386,244; Oct. 9.

Lyon, George A., Allenhurst, N. J. Wheel structure. 2,386,245; Oct. 9.

Lyon, Incorporated: *See*—
Aske, Charles B., Jr., assignor.
Lyon, George A., assignor.

Lyon, James, San Diego, Calif. Beak and wing trimmer and cauterizer for fowl and the like. 2,385,633; Sept. 25.

Lyon Metal Products, Incorporated: *See*—
Bales, James E., assignor.
Loeb, F. F., and Bales, assignors.

Lyon, Priscilla: *See*—
Harton, E. E., Jr., and Lyon.

Lyon-Raymond Corporation: *See*—
House, William C., assignor.

Lyon, Robert C., New Brunswick, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Crystalline ternary addition compounds. 2,368,255; Jan. 30.

Lyons, Ernest C., Brooklyn, N. Y. Antirattler device for windows and the like. 2,378,400; June 19.

Lyons, Herschel, Lafitte, La. Bearing for rudder shafts. 2,384,941; Sept. 18.

Lyons, Sanford C., Bennington, Vt., assignor to Georgia Kaolin Company, Elizabeth, N. J. Procedure of extracting aluminum hydrate from clay. 2,388,983; Nov. 13.

Lyophile-Cryochem Company: *See*—
Flosdorf, Earl W., assignor.

Lysholm, Alf, Stockholm, Sweden, assignor, by mesne assignments, to J. C. Marble, L. M. Merrill, and P. H. Batten, trustees. Hydraulic torque converter. 2,379,015; June 26.

Lysholm, Alf, assignor to Aktiebolaget Milo, Stockholm, Sweden. Internal-combustion motor. 2,383,979; Sept. 4.

Lysholm, Alf, Stockholm, Sweden, assignor, by mesne assignments, to J. C. Marble, New York, N. Y., L. M. Merrill, Westfield, N. J., and P. H. Batten, Racine, Wis., as trustees. Variable-speed power transmission. 2,383,980; Sept. 4.

Lysholm, Alf, Stockholm, Sweden, assignor, by mesne assignments, to J. C. Marble, New York, N. Y., L. M. Merrill, Westfield, N. J., and P. H. Batten, Racine, Wis., as trustees. Hydraulic variable speed power transmission. 2,383,981; Sept. 4.

Lysholm, Alf, Stockholm, Sweden, assignor, by mesne assignments, to J. C. Marble, L. M. Merrill, and P. H. Batten, as trustees. Power plant for aircraft. 2,385,366; Sept. 25.

Lytle, Chester W., assignor to Zenith Radio Corporation, Chicago, Ill. Antenna system. 2,385,012; Sept. 18.

M. J. B. Company: *See*—
Burns, Wilford E., assignor.

M. L. Trust, F. R. Pendleton, trustee: *See*—
Greenleaf, R. M., and Hunt, assignors.

M and M Wood Working Company: *See*—
Cone, Charles N., assignor.

M S W Manufacturing Company, Incorporated: *See*—
Fauser, Richard, assignor.

Maack, Walter H., Collinsville, Ill. Self-attaching wire holder. 2,386,129; Oct. 2.

Maage, Alfred E., Jr., Milwaukee, Wis. Wing nut. 2,383,141; Aug. 21.

Maag-Zahnräder und-Maschinen Aktiengesellschaft: *See*—
Aeppli, Albert, assignor.
Ernst, Daniel, assignor.

Maass, Wilhelm: *See*—
Becker, W., and Maass.

Mabbs, Carl E., Chicago, Ill., assignor, by mesne assignments, to Gelatin Products Corporation, Detroit, Mich. Capsulating process and apparatus. 2,379,816; July 3.

Mabbs, Carl E., Evanston, Ill., assignor, by mesne assignments, to Gelatin Products Corporation, Detroit, Mich. Process and apparatus for making capsules. 2,379,817; July 3.

Mabe Corporation: *See*—
Welsman, Maurice, assignor.

Mabery, Nelson, assignor to Airplane Manufacturing & Supply Corporation, Glendale, Calif. Starter tester. 2,381,549; Aug. 7.

Mabrito, Edward J., Richmond, Calif. Uptake construction. 2,370,555; Feb. 27.

Mabry, Forrest S., Catonsville, Md., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric position indicator. 2,370,056; Feb. 20.

MacAdam, James F., Arthur, N. Dak. Telegraph key. 2,373,132; Apr. 10.

Macafee, Millard K., Brooklyn, N. Y. Adjustable blade reamer. 2,369,587; Feb. 13.

MacAllister, Copeland C., Winchester, Mass., assignor to General Electric Company. Traffic control system. 2,369,588; Feb. 13.

Macaluso, Vincent J.: *See*—
Berman, S., and Macaluso.

Maccaferri, Mario, New York, N. Y. Mouthpiece for reed instruments. 2,368,556; Jan. 30.

MacCallum, Allan M., Maywood, and P. A. Noxon, Tenafly, assignors to Bendix Aviation Corporation, Bendix, N. J. Gyro caging mechanism. 2,383,663; Aug. 28.

MacCarthy, Donnell D., and T. Brownlee, Pittsfield, Mass., assignors to General Electric Company. Impulse-protected fuse. 2,371,969; Mar. 20.

MacCarthy, Donnell D., Pittsfield, Mass., assignor to General Electric Company. Protective device. 2,380,255; July 10.

MacChesney, Chester M., assignor to Acme Steel Company, Chicago, Ill. Wall covering. 2,373,039; Apr. 3.

MacChesney, Chester M., assignor to Acme Steel Company, Chicago, Ill. Strip coiling apparatus. 2,378,024; June 12.

MacColl, Evan A., assignor to Chromium Mining and Smelting Corpn., Limited, Sault Ste. Marie, Ontario, Canada. Production of calcium chromate. 2,368,481; Jan. 30.

Maccormac, Michael: *See*—
Silver, L., and Maccormac.

MacCorquodale, Donald W.: *See*—
Dolsy, E. A., MacCorquodale, Thayer, Binkley, and McKee.

MacDicken, Alex P., Seattle, Wash. Safety wheel. 2,385,215; Sept. 18.

Macdonald, Alexander D., Newton, assignor to B. B. Chemical Co., Boston, Mass. Compositions of polymerized chloroprene. 2,387,338; Oct. 23.

Macdonald, Alexander D., Malden, and J. H. Rishton, Wakefield, assignors to B. B. Chemical Co., Boston, Mass. Polymerized chloroprene compositions. 2,386,403; Oct. 9.

Macdonald, Herbert G., Mount Prospect, and J. Hruby, assignors to Charles Bruning Co., Inc., Chicago, Ill. Combined printing and developing machine. 2,373,040; Apr. 3.

Macdonald, Ian, Modesto, Calif. Moneybag. 2,374,115; Apr. 17.

MacDonald, James A., Glendale, assignor to J. U. Birnie, Los Angeles, Calif. Spray gun apparatus. 2,370,408; Feb. 27.

MacDonald, Joseph R., Medford, Mass., assignor to The Multiple Breaker Company, New London, Conn. Lifeboat breaker. 2,385,146; Sept. 18.

MacDonald, Joseph R., Winchester, Mass. Manufacture of ice. 2,387,921; Oct. 30.

Macdonald, Kenneth W., Watertown, assignor to Compo Shoe Machinery Corporation, Boston, Mass. Heel treating. 2,382,247; Aug. 14.

Macdonald, Kenneth W., Winchester, assignor to Compo Shoe Machinery Corporation, Boston, Mass. Sole attaching press. 2,388,426; Nov. 6.

MacDonald, Murray J., Katonah, C. S. Schwendler, Woodside, N. Y., and F. C. Schwendler, Dayton, Ohio, assignors to National Casket Company Incorporated, Long Island City, N. Y. Hardenable plastic compositions. 2,383,609; Aug. 28.
MacDonald, Raymond E., Westwood, assignor of one-half to E. M. Warwick, Walpole, Mass. Former device for making paper pulp containers. 2,377,298; May 29.
MacDonald, Raymond E., Westwood, assignor of one-half to E. M. Warwick, Walpole, Mass. Making containers from paper pulp and apparatus therefor. 2,385,145; Sept. 18.
MacDonald, Raymond E., Westwood, assignor of one-half to E. M. Warwick, Walpole, Mass. Device for forming containers of flexible material. 2,385,147; Sept. 18.
Macdonald, William G., and W. A. Cooper, assignors to William Cotton Limited, Loughborough, England. Cotton's patent and other straight bar knitting machines. 2,381,072; Aug. 7.
MacDonald, William H., and L. J. Woods, Worcester, Mass. Wire drawing apparatus. 2,370,806; Mar. 6.
MacDowell, Louis G.: *See*—
McNamee, R. W., and MacDowell.
MacDowell, Louis G., Jr.: *See*—
Toussaint, W. J., and MacDowell.
Mace, Arthur T., East Cleveland, assignor to The Radiart Corporation, Cleveland, Ohio. Radio antenna for automobiles and the like. 2,384,631; Sept. 11.
Macek, Joseph J., Montclair, N. J. Camera and projector. 2,391,430; Dec. 25.
Macey, Joseph H., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Reuse of vulcanized scrap synthetic rubber. 2,378,717; June 19.
MacFadden, Wilford C., Philadelphia, Pa., assignor to Cinch Manufacturing Corporation, Chicago, Ill. Insulated contact socket. 2,367,512; Jan. 16.
MacFarland, Allison M., Freeport, assignor to Burgess Battery Company, Chicago, Ill. Making dry batteries. 2,389,674; Nov. 27.
MacFarland, Allison M., assignor to Burgess Battery Company, Freeport, Ill. Soldering. 2,390,890; Dec. 11.
MacFarlane, John D., Stoney Creek, assignor of one-half to L. Donahue, Sarnia, Ontario, Canada. Diamond drill bit. 2,371,608; Mar. 20.
Macfarren, Walter W., Los Angeles, Calif. Pontoon assembly and using the same. 2,391,059; Dec. 18.
Macgill, Charles D., Glasgow, W. 3, assignor to Barr & Stroud, Limited, Glasgow, Scotland. Sight for guns. 2,377,797; June 5.
Macgill, Charles D., Glasgow, W. 3, Scotland, assignor to Barro & Stroud, Limited, Glasgow, Scotland. Reciprocating pump. 2,389,918; Nov. 27.
Macgill, Charles D., Glasgow, W. 3, assignor to Barr & Stroud, Limited, Glasgow, Scotland. Gas and liquid mixer. 2,390,313; Dec. 4.
MacGregor, Clide, Flint, Mich. Electric heater and circulator. 2,385,295; Sept. 18.
MacGregor Instrument Company: *See*—
Smith, Jesse C., assignor.
MacGregor, James H., Bocking, Braintree, assignor to Courtaulds Limited, London, England. Treatment of nylon for modifying its dyeing affinity. 2,371,536; Mar. 13.
MacGregor, James H., Bocking, Braintree, assignor to Courtaulds Limited, London, England. Modifying the dyeing and other properties of cellulosic textile materials. 2,375,124; May 1.
MacGuire, William E., and K. J. Dodge, Louisville, Ky., assignors, by mesne assignments, to F. B. Yingling, Hamilton, Ohio. Self-oiling burnishing tool. 2,387,453; Oct. 23.
Machado, Antnony B.: *See*—
Friden, C. M., and Machado.
Machado, Anthony B., Oakland, Calif., assignor to Friden Calculating Machine Co., Inc. Revolution counter control. 2,366,345; Jan. 2.
Machado, Anthony B., Oakland, Calif., assignor to Friden Calculating Machine Co., Inc. Constant multiplier control. 2,388,211; Oct. 30.
Machado, Anthony B., San Leandro, Calif., assignor to Friden Calculating Machine Co., Inc. Calculating machine. 2,391,098; Dec. 18.
Machine Products Corporation: *See*—
Miller, Clarence H., assignor.
Machine & Tool Designing Co.: *See*—
Pecker, Joseph S., assignor.
Machlett, E., & Son: *See*—
Luertzing, Walter O., assignor.
Machlett Laboratories Incorporated: *See*—
Machlett, R. R., and Skehan, assignors.
Skehan, J. W., and Agule, assignors.
Machlett, Raymond R., New Canaan, and J. W. Skehan, Stamford, assignors to Machlett Laboratories Incorporated, Springdale, Conn. Insulating structure. 2,376,439; May 22.
Machol, Morris R.: *See*—
Bay, T. J., and Machol.
Macht, Maurice L., Jersey City, and M. M. Renfrew, Arlington, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Luminescent cast synthetic resin articles. 2,383,067; Aug. 21.
Macintosh, Robert R., K. Mendelssohn, and R. Salt, Oxford, England. Means for vaporizing anaesthetic liquids. 2,367,955; Jan. 23.
Macintyre, John R., South Peabody, Mass., assignor to General Electric Company. Totalising liquid level indicator. 2,388,559; Nov. 6.
Mack, Gerry P., Jackson Heights, Long Island, assignor to Advance Solvents & Chemical Corporation, New York, N. Y. Polyisobutylene-wax compositions. 2,388,984; Nov. 13.
Mack, Gerry P., Jackson Heights, assignor to Advance Solvents & Chemical Corporation, New York, N. Y. Aqueous polyisobutylene emulsions. 2,389,796; Nov. 27.
Mack, Gerry P., Jackson Heights, assignor to Advance Solvents & Chemical Corporation, New York, N. Y. Finishing and dressing agents for fibrous materials. 2,370,057; Feb. 20.
Mack, Ludwig, Frankfort-on-the-main-Unterliederbach, Germany, assignor to General Aniline & Film Corporation, New York, N. Y. Preparing condensation products. 2,366,452; Jan. 2.
Mack Manufacturing Corporation: *See*—
James, Franklin E., assignor.
Zeller, Theodore J., assignor.
MacKay, John R., West Caldwell, assignor to Wallace & Tiernan Products, Inc., Belleville, N. J. Recording and indicating system. 2,391,060; Dec. 18.
Mackelfresh, William E., Jr.: *See*—
Firks, T. H., and Mackelfresh.
MacKenzie, Donald, South Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Vibration analyzer. 2,377,349; June 5.
MacKenzie, Donald, assignor to Dowty Equipment Limited, Cheltenham, England. Fluid actuated control system. 2,379,536; July 3.
Mackenzie, Dorothy E., and G. H. Wolfe, Reno, Nev. Tuyère construction. 2,388,275; Nov. 6.
MacKenzie, Kenneth J., and R. S. Bryce, assignors to Eastman Kodak Company, Rochester, N. Y. Manufacture of paper of good wet strength. 2,384,632; Sept. 11.
MacKenzie, Neal T., assignor to General Timber Service, Inc., St. Paul, Minn. Sectional wood gutter. 2,383,938; Sept. 4.
MacKenzie, Wilbur L., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Sole chamfering machine. 2,378,940; June 26.
Mackey, Bill H.: *See*—
Desetti, G. E., Dew, Mackey, and Woodbridge.
Mackey, Henry W., assignor to Motor Products Corporation, Detroit, Mich. Graining machine. 2,382,324; Aug. 14.
Mackintosh, Charles, Los Angeles, Calif. Closure. 2,367,881; Jan. 23.
Mackintosh, Charles, Los Angeles, Calif. Timber connector. 2,391,061; Dec. 18.
Mackintosh-Hemphill Company: *See*—
McConnell, William M., assignor.
Macklanburg, Louis A., Oklahoma City, Okla. Friction device for vertically sliding window sashes. 2,391,431; Dec. 25.
Mackliet, Alex, Spokane, Wash. Rethreading tool. 2,388,790; Nov. 13.
Mackmann, Arthur, and W. F. Ardusel, assignors to Foote Bros. Gear and Machine Corporation, Chicago, Ill. Load handling apparatus. 2,391,580; Dec. 25.
MacLaren, Archibald H.: *See*—
Wexell, H. A., and MacLaren.
MacLaren, Fred B., Jr., U. S. Army, assignor to The Bristol Company, Waterbury, Conn. Control apparatus. 2,374,610; Apr. 24.
MacLaren, Frederick H.: *See*—
Adams, E. W., and MacLaren.
Peterson, H. R., and MacLaren.
Maclay, William D., and J. P. Nielsen, Berkeley, Calif., assignors to the United States of America, as represented by the Secretary of Agriculture. Extracting pectinous materials. 2,375,376; May 8.
MacLean-Fogg Lock Nut Company: *See*—
Doke, Ernest G., assignor.
MacLean, John A., Jr., assignor.
MacLean, John A., Jr., Winnetka, assignor to MacLean-Fogg Lock Nut Company, Chicago, Ill. Bolt and mounting therefor. 2,383,068; Aug. 21.
MacLean, John A., Jr., Winnetka, assignor to MacLean-Fogg Lock Nut Company, Chicago, Ill. Floor clip. 2,383,808; Aug. 28.
MacLean, Kenneth G., Riverhead, N. Y., assignor to Radio Corporation of America. Crystal oscillator and mounting. 2,370,979; Mar. 6.
MacLean, Kenneth G., Riverhead, N. Y., assignor to Radio Corporation of America. Crystal oscillator and mounting. 2,381,173; Aug. 7.
MacLean, Norman E., San Francisco, Calif. Air conditioner. 2,366,540; Jan. 2.
MacLeans Limited: *See*—
McGeorge, W., and Milner, assignors.
MacMahon, James D.: *See*—
Dubeau, A. L., MacMahon, and Vincent.
MacMahon, James D., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Sheening pile fabrics. 2,369,398; Feb. 13.
MacMahon, James D., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Detergent briquette. 2,382,163; Aug. 14.
MacMahon, James D., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Detergent briquette. 3,382,164; Aug. 14.

MacMahon, James D., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Detergent briquette. 2,382,165; Aug. 14.
MacMahon, James D., Niagara Falls, and L. D. Taylor, Lewiston, assignors to The Mathieson Alkali Works, Inc., New York, N. Y. Sheening pile fabrics. 2,369,399; Feb. 13.
MacMillan, Donald M., Macon, Ga. Recap mold. 2,372,216; Mar. 27.
MacMillan, Donald M., Macon, Ga. Recap mold. 2,372,217; Mar. 27.
MacMillin, Howard F.: *See*—
Flowers, P. E., Ernst, and MacMillin.
MacMillin, Howard F., Mount Gilead, Ohio., assignor to The Hydraulic Development Corp. Inc., Wilmington, Del. Continuous extrusion molding of plastics. 2,366,417; Jan. 2.
MacMillin, Howard F., Mount Gilead, Ohio, assignor to The Hydraulic Development Corp., Inc., Wilmington, Del. High-frequency electrostatic heating of plastics. 2,386,966; Oct. 16.
MacNeil, Charles I., Glen Ridge, N. J., and F. C. Mock, assignors to Bendix Aviation Corporation, South Bend, Ind. Mixture control system. 2,389,797; Nov. 27.
MacNeil, Charles S. J., J. F. Haines, T. B. Martin, and K. L. Berninger, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich. Automatic regulator. 2,379,537; July 3.
MacNeil, Arden B.: *See*—
MacNeill, Harris L. and A. B.
MacNeill, Arden B., Waltham, Mass. Grinding machine. 2,386,742; Oct. 9.
MacNeill, Arden B., assignor, by mesne assignments, to H. H. and A. B. MacNeill, Waltham, Mass. High speed rotary cutting machine. 2,379,242; June 26.
MacNeill, Arden B., assignor to said A. B. MacNeill and H. H. MacNeill, Waltham, Mass., as joint tenants. Drilling machine. 2,388,362; Nov. 6.
MacNeill, Harris H., et al: *See*—
MacNeill, Arden B., assignor.
MacNeill, Harris L. and A. B., assignors to H. H. MacNeill, and A. B. MacNeill, Waltham, Mass. Turning machine controlled by the diameter of the work. 2,374,365; Apr. 24.
MacNeill, John B., A. J. A. Peterson, and W. T. Parker, Wilkinsburg, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Automatic reclosing circuit breaker. 2,385,013; Sept. 18.
MacNeille, Stephen M., Oak Ridge, Tenn., and G. J. Koch, assignors to Eastman Kodak Company, Rochester, N. Y. Stereo trainer. 2,388,858; Nov. 13.
Macomber, James K., Rockville Centre, assignor to Arma Engineering Co., Inc., Brooklyn, N. Y. Rate determining mechanism. 2,389,861; Nov. 27.
MacPhail, Arthur A.: *See*—
McConica, T. H., III, MacPhail, and Kirk.
MacPheat, Alexander M., Brookfield, E. L. Moon, Western Springs, and E. Sirp, Downers Grove, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Punch press mechanism. 2,390,600; Dec. 11.
MacPherson, Earle S., assignor to General Motors Corporation, Detroit, Mich. Motor vehicle. 2,375,670; May 8.
MacPherson, Earle S., assignor to General Motors Corporation, Detroit, Mich. Generator drive. 2,383,872; Aug. 28.
MacPherson, Earle S., assignor to General Motors Corporation, Detroit, Mich. Vehicle drive mechanism. 2,383,873; Aug. 28.
MacRae, Walter S., Prescott, Ariz. Device for aligning glasses on a bar. 2,373,322; Apr. 10.
Macready, George A., Los Angeles, Calif. Process and apparatus for pressure core drilling. 2,373,323; Apr. 10.
MacWilliam, Wallace, Nutley, and K. Pape, Dover, assignors to Resistoflex Corporation, Belleville, N. J. Material feeding apparatus. 2,369,359; Feb. 13.
Macy, Claude W., Pasadena, Calif. Tire repairing device. 2,373,769; Apr. 17.
Madan, Philip K., assignor to Perfection Products Co., Inc., Mount Vernon, N. Y. Paper basket and container. 2,374,366; Apr. 24.
Madden, Charles L.: *See*—
Hersey, A. J., and Madden.
Madden, Clarence H., Hollis, Okla. Lifting jack adapter device. 2,369,789; Feb. 20.
Maddock, Alan J., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Radio frequency circuits. 2,369,589; Feb. 13.
Maddock, Alan J., London, W. C. 2, assignor to Standard Telephones and Cables Limited, London, England. Antenna system. 2,383,730; Aug. 28.
Maddock, Bruce H., Fanwood, N. J., assignor to Carbide and Carbon Chemicals Corporation. Conductive plastic. 2,379,976; July 10.
Maddy, Charles C., Ottumwa, Iowa. Photographic printing mask. 2,381,831; Aug. 7.
Madeira, John R., assignor to Goodman Manufacturing Company, Chicago, Ill. Belt conveyer. 2,373,839; Apr. 17.
Madeira, John R., assignor to Goodman Manufacturing Company, Chicago, Ill. Car loading conveyer. 2,384,385; Sept. 4.
Mader, Emil A., assignor to one-half to J. Spargo, Detroit, Mich. Combined impeller and closure. 2,383,001; Aug. 21.
Mader, Emil A., assignor to one-half to J. Spargo, Detroit, Mich. Impeller and governor for same. 2,383,002; Aug. 21.
Mader, Emil A., assignor to one-half to J. Spargo, Detroit, Mich. Forced ventilation apparatus. 2,383,003; Aug. 21.
Mader, Emil A., assignor to one-half to J. Spargo, Detroit, Mich. Combined impeller and closure. 2,383,004; Aug. 21.
Madger, Arthur W., Malden, England. Retaining means for badges, brooches, ornaments, bars for decorative ribbons, or the like. 2,388,427; Nov. 6.
Madigan, James F., Dayton, Ohio. Inkwell. 2,378,312; June 12.
Madine, John J., Sr., assignor to Ace Glass Incorporated, Vineland, N. J. Aspirator pump. 2,366,277; Jan. 2.
Madison, Ralph E., assignor to Truscon Laboratories, Inc., Detroit, Mich. Spraying apparatus. 2,367,594; Jan. 16.
Madison, Ralph E., Detroit, Mich., assignor to Truscon Laboratories, Inc. Metallic soap-resin solutions. 2,374,446; Apr. 24.
Madison, Ralph E., Detroit, Mich., assignor to Truscon Laboratories, Inc. Stable nonviscous metallic soap solutions. 2,374,447; Apr. 24.
Madland, Thorvald: *See*—
Beauchamp, W. A., and Madland.
Madland, Thorvald, Chicago, Ill., assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Door lifting mechanism. 2,386,404; Oct. 9.
Madland, Thorvald, Chicago, Ill., assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Door lift mechanism. 2,386,698; Oct. 9.
Madland, Thorvald, Chicago, Ill., assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Door lifting mechanism. 2,387,161; Oct. 16.
Madsen, Carl J., Baltimore, Md., assignor to Westinghouse Electric & Manufacturing Company. East Pittsburgh, Pa. Feedback circuits. 2,372,101; Mar. 20.
Madsen, Carl J., Baltimore, Md., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Transformer. 2,390,800; Dec. 11.
Madsen, Paul S., Bethany, assignor to The Seamless Rubber Company, New Haven, Conn. Adhesive tape dispensing device. 2,391,062; Dec. 18.
Madsen, Paul S., Bethany, assignor to The Seamless Rubber Company, New Haven, Conn. Hose coupling. 2,391,063; Dec. 18.
Madsen, Paul S., Bethany, and A. A. Arnold, Hamden, assignors to The Seamless Rubber Company, New Haven, Conn. Syringe. 2,378,718; June 19.
Madsen, Sern, assignor to Mattison Machine Works, Rockford, Ill. Machine tool. 2,376,929; May 29.
Magdeburger, Edward C., trustee: *See*—
Barrett, Charles G., assignor.
Magee, Robert B., Findlay, Ohio, assignor, by mesne assignments, to R. G. Le Tourneau, Inc., Stockton, Calif. Tractor mounted winch. 2,375,233; May 8.
Magid, Harry M., Chicago, Ill. Coated sheet product. 2,372,679; Apr. 3.
Magill, Warren C., Elmhurst, assignor to Sears, Roebuck and Co., Chicago, Ill. Heat insulating batt. 2,370,365; Feb. 27.
Magill-Weinsheimer Company: *See*—
Skogh, Clifford W., assignor.
Magin, Clifford T., Los Angeles, and L. C. Fetterly, Long Beach, assignors to Shell Development Company, San Francisco, Calif. Treatment of alkyl phenols. 2,391,839; Dec. 25.
Magin, Jacob B., assignor to Art in Buttons, Incorporated. Rochester, N. Y. Press guard. 2,382,494; Aug. 14.
Magnani, Arthur: *See*—
Julian, P. L., Cole, Magnani, and Conde.
Magnavox Company, The: *See*—
Dempster, Burgess, assignor.
Koonz, J. C., and Quinnell, assignors.
Quinnell, L. E., and Koonz, assignors.
Quinnell, La V. E., and Koonz, assignors.
Severance, Ralph H., assignor.
Magnavox Company, Ltd., The: *See*—
Holden, Thomas W. W., assignor.
Magnenat, René P.: *See*—
Reibold, W. F., and Magnenat.
Magnesium Elektron Limited: *See*—
Allen, F. A., and Morgan, assignors.
Bushrod, C. J., assignor.
Bushrod, Charles J., assignor.
Emley, Edward F., assignor.
Magnet, Tillie, Cleveland Heights, Ohio. Trouser cuff measuring and marking appliance. 2,370,980; Mar. 6.
Magnetone Inc.: *See*—
Begun, Semi J., assignor.
Magnus, Chemical Company, Inc.: *See*—
Zinty, Marcel J. A., assignor.
Magnus, Finn H., West Caldwell, N. J. Harmonica. 2,373,129; Apr. 10.
Magnus, Finn H., West Caldwell, assignor to International Plastic Harmonica Corporation, Newark, N. J. Chromatic harmonica. 2,384,758; Sept. 11.
Magnuson, Oscar E., Davenport, Iowa. Rattle. 2,386,561; Oct. 9.

Magnusson, Knut J., Princeton, N. J., assignor to Radio Corporation of America. Time-controlled radio program pre-selector. 2,389,990; Nov. 27.

Magrum, Gervase M., and B. E. O'Connor, Buffalo, N. Y., assignors to Houdaille-Hershey Corporation, Detroit, Mich. Hydraulic shock absorber. 2,384,186; Sept. 4.

Maguire Industries, Incorporated: *See*—
Chodorow, Marvin, assignor.
Donnelly, John C., assignor.
Howe, Wilfred C., assignor.
Langstroth, Hall, assignor.
Ruger, William B., assignor.

Maguire, James B., Jenkintown, Pa., and D. F. Gould, Riverton, N. J., assignors to Allied Chemical & Dye Corporation, New York, N. Y. Sulphonation of benzene. 2,379,585; July 3.

Maguire, Milton J., South Hadley, Mass., assignor to Hercules Powder Company, Wilmington, Del. Frothing agent and production. 2,370,058; Feb. 20.

Maguth, M. J., & Son Machine Works: *See*—
Wanelik, John, assignor.

Mahaffey, Owen E., Memphis, Tenn. Guy line equipment for tents. 2,385,716; Sept. 25.

Mahan, John E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Isomerization of unsaturated nitriles. 2,384,630; Sept. 11.

Maher, Thomas C.: *See*—
Gerhardt, A. H., and Maher.

Maher, William A., Glencoe, Ill. Screen printing machine. 2,379,020; June 26.

Mahler, George T.: *See*—
Lentz, C. J., and Mahler.
Wagner, I. D., Fetterolf, Waring, and Mahler.

Mahlman, Osborne L.: *See*—
Roble, N. P., and Mahlman.
Tone, F. J., Mahlman, and Brown.

Mahlmeister, Louis J.: *See*—
Aller, W. F., and Mahlmeister.

Mahnke, Kurt, Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Motor control system. 2,367,956; Jan. 23.

Mahnke, Kurt, Forest Hills, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Timing relay. 2,381,300; Aug. 7.

Mahnke, Kurt, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric controller. 2,372,102; Mar. 20.

Mahon, Florence C., New Bedford, Mass. Needle cushion. 2,372,442; Mar. 27.

Mahon, R. C. Company: *See*—
Bingman, Frederick P., assignor.
Zilliotto, Giovanni C., assignor.

Mahoney, Frank D., San Francisco, Calif. Hose coupling. 2,386,562; Oct. 9.

Mahoney, George P., Baltimore, Md. Nerve testing machine. 2,373,487; Apr. 10.

Mahoney, Harry P., Oak Park, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,386,130; Oct. 2.

Mahoney, John J., Jr., Lynbrook, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Balanced cathode ray sweep circuit. 2,367,728; Jan. 23.

Mahoney, John R.: *See*—
Burgwin, S. L., Mahoney, and Bichsel.

Mahoney, Ruth M., Santa Monica, Calif. Maternity garment. Re. 22,665; Aug. 14.

Mahoning Mining Company: *See*—
Duncan, Walter E., assignor.

Maico Company, Incorporated, The: *See*—
Faltico, Frank J., assignor.

Maiden Form Brassiere Company, Inc.: *See*—
Bissett, Enid, assignor.

Maier, August R., Oil City, Pa., assignor to Oil Well Supply Company. Blow out seal for well drilling rotaries. 2,390,601; Dec. 11.

Maier, August R., Oil City, Pa., assignor to Oil Well Supply Company. Pump piston rod packing assembly. 2,390,602; Dec. 11.

Maier, Curtis E.: *See*—
O'Brien, F. J., and Maier.

Maier, Curtis E., S. L. Flugge, and E. C. Pfeffer, Chicago, Ill., assignors to Continental Can Company, Inc., New York, N. Y. Providing protective and decorative lacquers and coatings. 2,380,456; July 31.

Maier, John W., Bellingham, Wash. Floodlight bracket. 2,371,903; Mar. 20.

Maier, Karl, Troyes, France; vested in the Alien Property Custodian. Knitting machine. 2,374,294; Apr. 24.

Maier-Bode, Hans: *See*—
Pfaff, K., Erlenbach, Finkenbrink, Maier-Bode, Meisenburg, and Meisenheimer.

Maillat, Gustave E., Voisins-le-Bretonneux Par Trappes, France; vested in the Alien Property Custodian. Portable stroboscopic device for checking electric meters. 2,371,904; Mar. 20.

Main, David W., Denver, Colo. Pitch control device for rotor blades. 2,389,798; Nov. 27.

Main, Donald W., assignor to Michigan Patents Corporation, Jackson, Mich. Self-sealing coupling. 2,391,022; Dec. 18.

Main, Donald W., and R. G. Cox, assignors to Michigan Patents Corporation, Jackson, Mich. Hose connector. 2,371,971; Mar. 20.

Maison France: *See*—
Mirsky, Sara, assignor.

Maitland, Cyril E., Harrow, England, assignor to The Hartford National Bank and Trust Company, Hartford, Conn. Electric condenser. 2,380,774; July 31.

Malwald, Matthew, Panama, Iowa. Brake pedal lock release. 2,388,002; Oct. 30.

Malzewood Insulation Company: *See*—
Hauptli, Herbert A., assignor.

Majer, John R.: *See*—
Kendall, J. D., and Majer.
Kendall, J. D., Wood, and Majer.

Majestic Manufacturing Company: *See*—
Gardiner, Robert E., assignor.
Jones, Edwin A., assignor.

Majewski, Walter, Norwood Park, Ill. Toy machine gun. 2,371,249; Mar. 13.

Majneri, Ledwig A., Grosse Pointe, and W. A. Wiseman, assignors to The Warner Aircraft Corporation, Detroit, Mich. Brake system. 2,366,921; Jan. 9.

Major, Randolph T: *See*—
Folkers, K., and Major.

Major, Randolph T., Plainfield, N. J., and E. W. Cook, New York, N. Y., assignors to Merck & Co., Inc., Rahway, N. J. Fully acetylated sugar acids and their production. 2,368,557; Jan. 30.

Major, Randolph T., Mountainside, and H. T. Bonnett, Westfield, assignors to Merck & Co., Inc., Rahway, N. J. Preparing therapeutically active substances. 2,374,367; Apr. 24.

Majoros, Frank P: *See*—
Katz, J., and Majoros.

Makaroff, Gregory, Lanesboro, Mass. Hydraulic motor. 2,368,033; Jan. 23.

Makaroff, Vadim S., New York, N. Y. Airplane. 2,375,858; May 15.

Makaroff, Vadim S., and N. C. Artsay, New York, N. Y. Protecting ships against underwater explosion. 2,385,417; Sept. 25.

Makenny, William: *See*—
Whitmore, J. B., Makenny, and Newcombe.

Maker, Dewey L.: *See*—
Thoma, L., and Maker.

Makowsky, J., Corporation: *See*—
Van Rosen, Robert, assignor.

Makransky, Marvin: *See*—
Berman, Davis, assignor.

MaKrenos, Constantene G., San Diego, Calif. Automobile jack. 2,366,418; Jan. 2.

Malabar Machine Company: *See*—
Grime, Edward P., assignor.

Malatesta, John B., Jr., North Hollywood, Calif. Indicator. 2,382,495; Aug. 14.

Malcom, Frank, Compton, Calif. Nut holder for wrenches. 2,369,400; Feb. 13.

Malcolm, Messrs. R., Limited: *See*—
Lobelle, Marcel J. O., assignor.

Malcolm, R., Limited: *See*—
Lobelle, Marcel J. O., assignor.

Malcom, Robert L.: *See*—
Whipple, W. A., and Malcom.

Malczewski, Jérémi, Lyon, France; vested in the Alien Property Custodian. Electrical connector. 2,369,590; Feb. 13.

Maldoff, Carl D., Outremont, Quebec, Canada. Figure molding foundation garment. 2,379,491; July 3.

Maldonado, Joseph, Los Angeles, Calif. Spool holder. 2,380,117; July 10.

Malek, Morris S., New York, N. Y. Flexible needle sewing machine. 2,379,733; July 3.

Maletta, Albert, Yakima, Wash. Sheet music turner. 2,391,175; Dec. 18.

Malhiot, Clarence J., Oak Park, assignor to F. B. Redington Co., Chicago, Ill. Packaging machine and method of packaging. 2,367,684; Jan. 23.

Malhiot, Clarence J., Oak Park, assignor to F. B. Redington Co., Chicago, Ill. Wrapping machine. 2,383,664; Aug. 28.

Malbiot, Eugene L., Maywood, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Testing apparatus. 2,367,513; Jan. 16.

Mallcay, Leandro, Los Angeles, Calif. Cocoanut cutting machine. 2,373,584; Apr. 10.

Mallcay, Leandro, Los Angeles, Calif. Plant support. 2,383,665; Aug. 28.

Mallna, Arthur: *See*—
Charnas, B., and Mallna.

Malling, Roy, West Roxbury, Mass. Footwear and making same. 2,386,809; Oct. 16.

Maling, Roy, West Roxbury, Mass. Footwear. 2,391,023; Dec. 18.

Malkin, Bernard A., assignor to Dominion Engineering Works Limited, Lachine, Quebec, Canada. Steam joint. 2,366,541; Jan. 2.

Mall, Arthur W., Flossmoor, Ill. Chain saw machine. 2,370,556; Feb. 27.

Mallard, Logan L., Norfolk, Va. Freezing tray with drainage tap. 2,373,251; Apr. 10.

Mallard, Logan L., Norfolk, Va. Ice mold with spring tensioned diaphragm. 2,377,436; June 5.

Mallgraf, Ferdinand, Little Neck, N. Y. Nonmetallic ferrule for caps of containers. 2,390,721; Dec. 11.

Mallina, Rudolph F.: *See*—
Dunlap, K. S., Kelsell, Lovell, and Mallina.

Mallina, Rudolph F., Hastings on Hudson, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Call transmitter. 2,386,486; Oct. 9.

Mallinckrodt Chemical Works: *See*—
Stoughton, Roger W., assignor.
Wallingford, V. H., and Homeyer, assignors.

Mallinckrodt, Philip A., et al.: *See*—
Winter, Arthur C., assignor.

Malling, Alfred S., Hollywood, Calif. Stretcher accommodation means for vehicles or the like. 2,387,082; Oct. 16.

Mallmann, Walter L., East Lansing, and C. H. Kain, and R. J. Schaefer, assignors to Sanozone Corporation, Detroit, Mich. Apparatus and method for sanitizing. 2,388,753; Nov. 13.

Mallonee, James W., assignor of one-third to M. E. McKee, Joplin, Mo., and one-third to E. C. Drake, Lake Worth, Fla. Vault or safe. 2,378,492; June 19.

Mallory, Harry A., Saint John, New Brunswick, Canada. Sectional boat and making same. 2,389,799; Nov. 27.

Mallory, Marion, Detroit, Mich. Governor. 2,368,995; Feb. 6.

Mallory, Marion, Detroit, Mich. Ignition timing control means for internal-combustion engines. 2,376,973; May 29.

Mallory, Marion, Detroit, Mich. Governor for internal-combustion engines. 2,377,256; May 29.

Mallory, Marion, Detroit, Mich. Ignition timing control means for internal-combustion engines. 2,377,566; June 5.

Mallory, Marion, Detroit, Mich. Engine governor. 2,377,567; June 5.

Mallory, Marion, Detroit, Mich. Governor for internal-combustion engines. 2,381,131; Aug. 7.

Mallory, Marion, Detroit, Mich. Engine governor. 2,381,550; Aug. 7.

Mallory, Marion, Detroit, Mich. Ignition system for internal-combustion engines. 2,381,610; Aug. 7.

Mallory, Marion, Detroit, Mich. Combination governor and ignition system for internal-combustion engines. 2,381,611; Aug. 7.

Mallory, Marion, Detroit, Mich. Ignition timing control means for internal-combustion engines. 2,381,612; Aug. 7.

Mallory, Marion, Detroit, Mich. Governor for internal-combustion engines. 2,386,699; Oct. 9.

Mallory, Marion, Detroit, Mich. Degasser for internal-combustion engines. 2,390,603; Dec. 11.

Mallory, Marion, Detroit, Mich. Degasser for internal-combustion engines. 2,390,604; Dec. 11.

Mallory, Marion, Detroit, Mich. Internal-combustion engine. 2,391,176; Dec. 18.

Mallory, P. R., & Co., Inc.: *See*—
Burreson, Zina A. M., assignor.
Carlson, Chester F., assignor.
Carlson, C. F., Holt, and Huddleston, assignors.
Hall, Harry C., assignor.
Hensel, Franz R., assignor.
Hensel, F. R., Emmert, and Wiggs, assignors.
Hensel, F. R., and Larsen, assignors.
Kunz, Walden H., assignor.
Larsen, E. I., Heil, and Swazy, assignors.
Whitesell, Robert O., assignor.
Whitesell, R. O., and Freeman, assignors.

Malloy, John J., Cleveland Heights, Ohio, assignor to General Electric Company. Base for electric lamps or similar devices. 2,385,634; Sept. 25.

Malloy, Joseph P., Washington, Ind. Railroad car ventilator. 2,367,231; Jan. 16.

Malluk, Assad M., New York, N. Y. Tank lock. 2,375,671; May 8.

Malm, Carl J., and M. Salo, assignors to Eastman Kodak Company, Rochester, N. Y. Preparing high butyryl cellulose esters stabilized against discoloration. 2,371,768; Mar. 20.

Malm, Carl J., and La M. D. Bearden, assignors to Eastman Kodak Company, Rochester, N. Y. Manufacture of dicarboxylic acid esters of high polymer polyhydroxy compounds. 2,379,309; June 26.

Malm, Carl J., and L. W. Blanchard, Jr., assignors to Eastman Kodak Company, Rochester, N. Y. Manufacture of cellulose esters having a high propionyl or butyryl content. 2,379,310; June 26.

Malmberg, Carl G., West Allis, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Gasketed joint. 2,384,386; Sept. 4.

Malmquist, Oscar V., Minneapolis, Minn. Power transmission mechanism. 2,384,110; Sept. 4.

Malmquist, Oscar V., Minneapolis, Minn. Gas torch lighter. 2,384,844; Sept. 18.

Malmqvist, Thure, Stockholm, Sweden. Nonskidding device. 2,383,267; Aug. 21.

Malmros, Gustav V. A.: *See*—
Daly, G. F., Malmros, and Phillips.

Malmström, Sven: *See*—
Helleberg, T., and Malmström.
Helleberg, T., and Malmström, assignors.

Malnar, Frank J., Euclid, Ohio. Electrode holder. 2,374,825; May 1.

Maloff, Ioury G., Camden, N. J. Precision measuring apparatus. 2,387,852; Oct. 30.

Malone, George, New York, N. Y., assignor to Radio Corporation of America. Signature keyer and operator's indicator. 2,375,672; May 8.

Malone, Homer E., assignor to Prefex Corporation, Milwaukee, Wis. Inclinometer. 2,366,346; Jan. 2.

Malone, Homer E., assignor to Perfex Corporation, Milwaukee, Wis. Heat motor actuated device. 2,373,130; Apr. 10.

Malone, Homer E., assignor to Perfex Corporation, Milwaukee, Wis. Control mechanism. 2,383,982; Sept. 4.

Malone, Homer E., assignor to Perfex Corporation, Milwaukee, Wis. Stoker damper control. 2,385,822; Oct. 2.

Malone, Homer E., assignor to Perfex Corporation, Milwaukee, Wis. Condition controller. 2,385,823; Oct. 2.

Malone, Homer E., and P. G. Frerer, assignors to Perfex Corporation, Milwaukee, Wis. Control apparatus. 2,375,234; May 8.

Malone, Homer F., assignor to Stewart-Warner Corporation, Chicago, Ill. Indicator. 2,368,313; Jan. 30.

Maloney, Frank H., Elmhurst, N. Y., assignor to Brass Goods Manufacturing Co., Brooklyn, N. Y. Press for drawing blanks. 2,369,064; Feb. 6.

Maloney, William J., assignor of one-half to W. F. Driscoll, Ansonia, Conn. Life saving apparatus. 2,368,558; Jan. 30.

Maloon, Earl B., Arcadia, and W. H. Yount, assignors to Southwest Welding & Mfg. Co., Alhambra, Calif. Bulldozer. 2,375,483; May 8.

Malott, William M., Lafayette, assignor to Shell Development Company, San Francisco, Calif. Lubricating system. 2,385,522; Sept. 25.

Malsbary, Job F., assignor to Malsbary Manufacturing Company, Oakland, Calif., a co-partnership composed of Job F. Malsbary and Walter W. Tayler. Feed means for cleaning machines. 2,391,177; Dec. 18.

Malsbary Manufacturing Company: *See*—
Malsbary, Job F., assignor.

Malson, Parker E., East Alton, Ill., assignor to Shell Development Company, San Francisco, Calif. Disposal of refinery wastes. 2,367,172; Jan. 9.

Maltbie Chemical Company, The: *See*—
Walter, Lewis A., assignor.
Walter, L. A., and Goodson, assignors.

Maltby, Maurice E.: *See*—
Price, L. L., and Maltby, assignors.

Malthaner, William A., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,388,488; Nov. 6.

Mamaroneck Chemical Corporation: *See*—
Treacy, Cyril S., assignor.

Manaster, Ben B., Chicago, Ill. Collar stay. Re. 22,698; Nov. 27.

Manaster, Ben B., assignor of one-half to C. I. Greener, Chicago, Ill. Collar stay. 2,371,338; Mar. 13.

Manchester, Frank H., assignor to Winfoot Corporation, Akron, Ohio. Coated paper. 2,386,700; Oct. 9.

Manchester Repetition Engineers Limited: *See*—
Livingstone, Harry, assignor.

Manchey, Lessel L., Mount Vernon, and G. H. Schneller, Corona, assignors to Vick Chemical Company, New York, N. Y. Stabilized emulsions. 2,372,159; Mar. 20.

Mancia, Jacques, and G. Mégel, assignors of one-half to Usines Tornos Fabrique De Machines Moutier S. A., Moutier, Switzerland. Belt drive device. 2,384,759; Sept. 11.

Mancini, Joseph L., Baltimore, Md., assignor to General Motors Corporation, Detroit, Mich. Safety clip. 2,386,967; Oct. 16.

Mancini, Vincenzo, New York, N. Y. Bolt anchor. 2,373,585; Apr. 10.

Mandel, Jacob, New York, N. Y. Storage cabinet for phonograph records and the like. 2,370,252; Feb. 27.

Mandell, Irving F., New York, N. Y. Closure setting mechanism for containers. 2,372,385; Mar. 27.

Manderfeld, Emanuel C., Berkeley, Calif., assignor to Western Electric Company, Incorporated, New York, N. Y. Sound film reproducing system. 2,373,840; Apr. 17.

Mandeville, Burton C.: *See*—
Randall, Robert M., and Mandeville.

Mandin, Sven G. A., Norrkoping, Sweden. Cutting off towing cables and the like. 2,389,376; Nov. 20.

Mandl, Siegmund, assignor to Blackhawk Mfg. Co., Milwaukee, Wis. Pipe bender. 2,375,310; May 8.

Mandleberg, J., & Company Limited: *See*—
Lloyd, Joseph, assignor.

Maney, George A., Evanston, Ill. Bridge and hanger system. 2,380,183; July 10.

Maney, Paul V: *See*—
Kuever, R. A., and Maney.

Mangini, Nicholas, Waterbury, Conn. Spoon holder. 2,371,537; Mar. 13.

Manhattan Shirt Company, The: *See*—
La France, Albert, assignor.

Manheim, Lyndon W., Jr.: *See*—
Manheim, Lyndon W., Sr., assignor.

Manheim, Lyndon W., Sr., Greensboro, assignor of one-half to L. W. Manheim, Jr., Gastonia, N. C. Wheel mounting for aircraft. 2,389,525; Nov. 20.

Manka, Louis J., Fort Madison, Iowa. Car coupler. 2,377,257; May 29.

Mankouski, Charles, Portland, Oreg. Fluid dispensing device. 2,385,418; Sept. 25.

Manley, William O., North Kansas City, Mo., assignor to Western Laundry Machinery Company. Flat work ironer. 2,375,426; May 8.

Manly Corporation: *See*—
Kendrick, C. M., assignor.
Kendrick, Charles M., assignor.

Mann, Carl P.: *See*—
Hess, F. O., and Mann.

Mann, Cecil A., Dayton, Ohio., assignor to General Motors Corporation, Detroit, Mich. Making iron oxide. 2,391,723; Dec. 25.

Mann, John, assignor to Goulds Pumps, Inc., Seneca Falls, N. Y. Pumping apparatus. 2,375,571; May 8.

Mann, Joseph, Philadelphia, Pa., assignor to Lewis Invisible Stitch Machine Company, St. Louis, Mo. Sewing machine. 2,381,977; Aug. 14.

Mann, Julius W., and G. F. Russell, Tacoma, Wash. Variable grid circuit. 2,382,435; Aug. 14.

Mann, Miles H., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,370,478; Feb. 27.

Mann, Oswald W., Toronto, Ontario, Canada. Convertible settee. 2,377,958; June 12.

Mann, Richard L., U. S. Navy. Breastplate black-out lantern. 2,373,131; Apr. 10.

Mann, Sydney, Narberth, assignor to The Atlantic Refining Company, Philadelphia, Pa. Alkylation of aromatic hydrocarbons. 2,390,963; Dec. 11.

Mannes, Leopold D., New York, N. Y., and L. Godowsky, Jr., Westport, Conn., assignors to Eastman Kodak Company, Rochester, N. Y. Mixed grain emulsions. 2,388,859; Nov. 13.

Manney, Charles J., Kenmore, and H. D. Moore, Buffalo, assignors to Columbus McKinnon Chain Corporation, Tonawanda, N. Y. Motor control for electric hoists. 2,386,487; Oct. 9.

Manning, Bowman & Co.: *See*—
Heinrich, George C., assignor.

Manning, Clarence R.: *See*—
Rubidge, D. W., Manning, Hood, and Greene.

Manning, Harry D., Kalamazoo, Mich. Work-holding device. 2,372,727; Apr. 3.

Manning, Joseph F.: *See*—
Teppema, J., and Manning.

Manning, Lucius B., assignor to Thermek Corporation, Chicago, Ill. Making heat exchangers. 2,378,646; June 19.

Manning, Maxwell & Moore, Inc.: *See*—
Acker, Albert J., assignor.
Allen, Earle F., assignor.
Brandstrom, Fred, assignor.
Brongersma, Cornelius, assignor.
Conrad, Albert G., assignor.
Hammond, R. H., and Gracel, assignors.
Hiller, Fritz E., assignor.
Kahn, Samuel, assignor.
Moore, H. S., and Whelan, assignors.
Smith, Ralph E., assignor.
Tinker, Walter H., assignor.
Zapf, Norman F., assignor.

Manning, Maxwell & Moore, Incorporated: *See*—
Ingham, Robert J., Jr., assignor.

Manning, Paul D. V., Berkeley Woods, and E. Trone, assignors to Golden State Company, Ltd., San Francisco, Calif. Vitamin product and manufacture. 2,379,586; July 3.

Manning, Richard C., San Gabriel, Calif. Lock nut. 2,389,377; Nov. 20.

Mannino, Philip, Bridgeport, Conn., assignor to Remington Rand Inc., Buffalo, N. Y. Sheet holder and position indicator. 2,375,427; May 8.

Mannion, John F., trustee, et al.: *See*—
Schmitt, Arthur J., assignor.

Manny, Raymond A., New York, N. Y. Brush holder. 2,382,894; Aug. 14.

Mansell, Stanley W.: *See*—
Fedden, A. H. R., Owner, Thomas, and Mansell.

Man-Sew Pinking Attachment Corp: *See*—
Cosentino, Joseph, assignor.
Schlesinger, Jacob, assignor.
Sigoda, Victor J., assignor.

Mansfield, Auby J., Seattle, Wash. Harvesting appliance. 2,376,440; May 22.

Mansfield, Judson H., assignor to Greenlee Bros. & Co., Rockford, Ill. Machine tool. 2,367,414; Jan. 16.

Mansfield Tire and Rubber Company, The: *See*—
Krusemark, Frederick A., assignor.

Mansfield, William R.: *See*—
Boughton, W. A., Mansfield, and Hughes assignors.

Mansoff, Arthur P., Dauphin, Manitoba, Canada. Internal-combustion engine. 2,381,832; Aug. 7.

Manson, Finley J., Cuyahoga Falls, assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Collapsible form. 2,367,831; Jan. 23.

Manson, Frank G., Chicago, Ill., and J. J. Maskey, Dayton, Ohio. Aerial delivery container. 2,366,741; Jan. 9.

Manson, Frank G., and J. J. Maskey, Dayton, Ohio. Stabilizing retarder for bombs. 2,368,258; Jan. 30.

Manson, Frank G., and J. J. Maskey, Dayton, Ohio. Automatic release aerial delivery container. 2,371,640; Mar. 20.

Manson, Frank G., and J. J. Maskey, Dayton, Ohio. Pneumatic mattress. 2,372,218; Mar. 27.

Manson, Frank G., and J. J. Maskey, Dayton, Ohio. Parachute canopy. 2,384,187; Sept. 4.

Manson, Frank G., and J. J. Maskey, Dayton, Ohio. Airplane troop launching means. 2,389,160; Nov. 20.

Manthey, Arthur E.: *See*—
Grinde, J. M., and Manthey.

Mantle, Burr W., Pittsford, N. Y., assignor to American Brake Shoe Company. Making bearings. 2,371,399; Mar. 13.

Mantle, Burr W., Pittsford, N. Y., assignor to American Brake Shoe Company. Bearing construction. 2,371,400; Mar. 13.

Mantle Lamp Company of America, The: *See*—
Baker, R., and Davis, assignors.

Mantz, Harold A., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Thermoelectric safety device. 2,372,506; Mar. 27.

Mantz, Harold A., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Thermostat, safety pilot, and limit control. 2,383,401; Aug. 21.

Manufacturers Specialty Company: *See*—
Koch, Henry C., assignor.

Manville Jenckes Corporation: *See*—
Lafond, Willie L., assignor.

Manzini, Giuseppe: *See*—
Cucchi, A., and Manzini.

Mapes, Daniel, Rutherford, assignor to Specialties Development Corporation, Bloomfield, N. J. Container for high-pressure fluids. 2,370,677; Mar. 6.

Mapes, Daniel, West Caldwell, assignor to Specialties Development Corporation, Bloomfield, N. J. Method of and apparatus for winding wire on a body of revolution. 2,371,107; Mar. 6.

Mapes, Daniel, West Caldwell, assignor to Specialties Development Corporation, Bloomfield, N. J. Making containers. 2,386,246; Oct. 9.

Maple, Frank E.: *See*—
Stengel, L. A., and Maple.

Maple, Ralph L.: *See*—
Barnum, L. N., Donnelly, and Maple.

Marancik, Joseph V., Roselle, and H. Z. Martin, Elisabeth, N. J., assignors to Standard Oil Development Company. Cracking of hydrocarbon oils. 2,385,216; Sept. 18.

Marasco, Harold E., Swampscott, assignor to Compo Shoe Machinery Corporation, Boston, Mass. Attaching soles to shoes. 2,385,523; Sept. 25.

Marathon Corporation: *See*—
Ballar, Charles O., assignor.
Fischer, Paul E., assignor.
Harmon, Carlyle, assignor.
Krueger, Archie S., assignor.
Orsino, J. A., and (Harmon, assignor).
Siewert, Edwin C., assignor.
Wagner, Charley L., assignor.

Marble, Frank G., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Reactance tube circuit. 2,382,436; Aug. 14.

Marble, George E., assignor to Curtis & Marble Machine Company, Worcester, Mass. Cutter shifting apparatus for cloth shears. 2,389,800; Nov. 27.

Marble, Jarvis C., et al.: *See*—
Lysholm, Alf, assignor.

Marble, Jarvis C. et al., trustees: *See*—
Lysholm, Alf, assignor.

Marblehead Lime Company.: *See*—
Wing, Wallace E., assignor.

Marburg, Francis, St. Petersburg, Fla. Supercharged compression-ignition internal-combustion power unit. 2,376,160; May 15.

Marbury, Ralph E., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Conveyer system. 2,385,639; Nov. 6.

Marc, Henri M., Cincinnati, Ohio, assignor to The Philip Carey Manufacturing Company. Coated cement product and the manufacture thereof. 2,372,284; Mar. 27.

Marc, Henri M., Cincinnati, and H. W. Greider, Wyoming, Ohio, assignors to The Philip Carey Manufacturing Company. Silicate coated article and making same. 2,372,285; Mar. 27.

Marchado, Eugenie, New York, N. Y. Leg marking device. 2,370,537; Feb. 27.

Marchak, Solomon, New York, N. Y. Locomotive. 2,379,021; June 26.

Marchand, Adolph, Jackson Heights, N. Y. Cabinet door fixture. 2,381,132; Aug. 7.

Marchand, Adolph, Jackson Heights, N. Y. Mirror retaining means. 2,383,809; Aug. 28.

Marchant Calculating Machine Company: *See*—
Avery, Harold T., assignor.
Avery, H. T., and Lassagne, assignors.
Boyden, Robert E., assignor.
Dustin, Howard M., assignor.
Dustin, H. M., and Avery, assignors.
Mathi, Walter E., assignor.

Marchant, Guy O., et al.: *See*—
Walker, Jay P., assignor.

Marchant, Lee L., Takoma Park, assignor to Engineering and Research Corporation, Riverdale, Md. Punch set for punching and riveting machines. 2,379,367; June 26.

Marchment, William T.: *See*—
Porteous, W. K., and Marchment, assignors.

Marcleph & Co. Inc.: *See*—
Goodman, Leo A., assignor.

Marco Chemicals, Inc.: *See*—
Shobert, Samuel M., assignor.

Marco, Salvatore M., assignor to The Ohio State University Research Foundation, Columbus, Ohio. Variable speed transmission. 2,387,401; Oct. 23.

Marconi's Wireless Telegraph Co., Ltd.: *See*—
Banks, George B., assignor.
Fortescue, Richard L., assignor.
Green, Ernest, assignor.

Marcovitch, Simon, assignor to The University of Tennessee Research Corporation, Knoxville, Tenn. Insecticide. 2,377,798; June 5.

Marcus, Benjamin H., Brooklyn, N. Y. Window construction. 2,385,148; Sept. 18.

Marcy, Gerald P., Longmeadow, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. 2,375,859; May 15.

Marcy, Gerald P., Longmeadow, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Refrigeration apparatus. 2,382,733; Aug. 14.

Marcy, Grosvenor D., Newton Highlands, assignor to Boston Woven Hose & Rubber Company, Cambridge, Mass. Making molds. 2,385,456; Sept. 25.

Marcy, John P., Oak Ridge, Tenn. Motor vehicle. 2,383,611; Aug. 28.

Marden, John W., East Orange, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. High temperature lamp. 2,367,595; Jan. 16.

Marden, John W., East Orange, and G. Meister, Newark, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Incandescent electric lamp. 2,369,591; Feb. 13.

Marek, Charles, Piru, Calif. Orchard cover crop implement. 2,370,981; Mar. 6.

Mares, Joseph R., Webster Groves, assignor to Monsanto Chemical Company, St. Louis, Mo. Nitration of aromatic compounds. 2,370,558; Feb. 27.

Marful Specialties Incorporated: *See*—
Langdon, Samuel W., assignor.

Margis, John, Jr., Franksville, Wis. Brake for fishing reels. 2,374,551; Apr. 24.

Margolin, Meyer, Elgin, Ill. Insole-insert combination. 2,384,481; Sept. 11.

Margolin, Nathan G., and E. M. Anderson, Brooklyn, N. Y., assignors of one-half to N. L. Dahlander, New Milford, Pa., and one-half to R. J. Earl, New Canaan, Conn. Debarkation ladder. 2,385,824; Oct. 2.

Margulies, Paul H.: *See*—
Kauffmann, H. O., and Margulies.

Mariani Piazza, Jose L., Seville, Spain. Coloring photographs or the like. 2,369,476; Feb. 13.

Marienthal, Heidi, New York, N. Y. Hatbox. 2,374,160; Apr. 17.

Marine Iron & Ship Building Company: *See*—
Laughton, George W., Jr., assignor.

Marine Magnesium Products Corporation: *See*—
Gloss, Gunter H., assignor.
Hansgirg, Fritz J., assignor.

Marine Optical Mfg. Co.: *See*—
Ditto, Eugene D., assignor.
Ditto, Hugo M., assignor.
Marto, Nicholas R., assignor.

Marine Salvage & Equipment, Inc.: *See*—
Zoll, Carl M., assignor.

Marinetti, Edward G., East Providence, R. I. Safety clasp pin. 2,373,586; Apr. 10.

Marinetti, Edward G.: *See*—
McGrory, W. L., Pemberton, and Marinetti.

Marini, Mario F., Swedesboro, N. J. Countersinking tool. 2,374,552; Apr. 24.

Mariño, Luis F., Vigo, Spain. Nonrefillable container. 2,366,864; Jan. 9.

Marino, Nick, Washington, D. C. Tile flooring. 2,371,058; Mar. 6.

Marinsky, Davis: *See*—
Morin, Louis H., assignor.

Marinsky, Davis, and L. H. Morin, Bronx, N. Y. Conditioning wound strand bodies. 2,369,155; Feb. 13.

Marinsky, Davis, and L. H. Morin, Bronx, N. Y. Treating bobbins. 2,369,592; Feb. 13.

Marinsky, Isaac, Providence, R. I. Slide fastener construction. 2,370,059; Feb. 20.

Marion Electrical Instrument Co.: *See*—
Ammon, Rosco A., assignor.

Maris, Harry B.: *See*—
Plum, J., and Maris.

Marisic, Milton M., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Contacting process. 2,384,942; Sept. 18.

Marisic, Milton M., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Conversion of hydrocarbons. 2,384,943; Sept. 18.

Marisic, Milton M., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Manufacture of catalyst. 2,384,944; Sept. 18.

Marisic, Milton M., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Spheroidal gel particles. 2,384,945; Sept. 18.

Marisic, Milton M., Northfield, Ill., assignor to Socony-Vacuum Oil Company, Incorporated. Hydrogel pellets. 2,384,946; Sept. 18.

Marisic, Milton M., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Gel pellets. 2,385,217; Sept. 18.

Marisic, Milton M., and S. Dray, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Gels comprising silica. 2,386,810; Oct. 16.

Marisic, Milton M., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Conducting catalytic reactions. 2,387,454; Oct. 23.

Marisic, Milton M., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Catalytic conversion of hydrocarbons and catalyst therefor. 2,387,596; Oct. 23.

Marisic, Milton M., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Catalytic conversion system. 2,389,378; Nov. 20.

Mark, Herman F., and S. Siggia, Brooklyn, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Esters of carboxycellulose. 2,379,917; July 10.

Mark, Louis C., Cranston, R. I. Earring. 2,391,635; Dec. 25.

Markel, Jesse L., et al.: *See*—
Litton, Charles V., assignor.

Markel, John M., Rockford, Ill., assignor to J. I. Case Company, Racine, Wis. Harrow. 2,390,954; Dec. 11.

Marker, Albert L.: *See*—
Metheny, C. E., and Marker.

Marker, Russell E., State College, Pa., and E. J. Lawson, assignors to Parke Davis & Company, Detroit, Mich. Keto-steroids and obtaining same. 2,366,204; Jan. 2.

Marker, Russell E., State College, Pa., and H. M. Crooks, Jr., assignors to Parke, Davis & Company, Detroit, Mich. Halosteroids and preparation of the same. 2,369,065; Feb. 6.

Marker, Russell E., State College, Pa., assignor to Parke, Davis & Company, Detroit, Mich. Sapogenin derivatives and preparation of the same. 2,373,133; Apr. 10.

Marker, Russell E., State College, Pa., and E. L. Wittle, assignors to Parke, Davis & Company, Detroit, Mich. Steroidal acid compounds and obtaining the same. 2,376,708; May 22.

Marker, Russell E., State College, Pa., assignor to Parke, Davis & Company, Detroit, Mich. Sapogenin oxidation products and preparing the same. 2,377,507; June 5.

Markey, Roscoe I., East Orange, assignor to Pollak Manufacturing Company, Arlington, N. J. Cushion mount for cowl and manifold supporting means. 2,370,559; Feb. 27.

Markey, Roscoe I., East Orange, assignor to Pollak Manufacturing Company, Arlington, N. J. Fire control. 2,388,480; Nov. 6.

Markey, Roscoe I., Montclair, assignor to Pollak Manufacturing Company, Arlington, N. J. Joint for exhaust manifold systems. 2,390,801; Dec. 11.

Markham, Edwin A., Gulfport, Fla. Irrigation appliance. 2,375,860; May 15.

Markle, George B., Jr., assignor to Freeland Spool and Bobbin Corp., Hazleton, Pa. Releasing tube adapter for supporting tubes or the like. 2,381,301; Aug. 7.

Markley, Edward H.: *See*—
Doyle, F. B., Markley, and Plummer.

Markowski, Walter T., Camden, N. J., assignor to Radio Corporation of America. Article storing album. 2,384,633; Sept. 11.

Marks, Barnard M.: *See*—
Coffman, R. T., and Marks.
Fieltz, F. J., and Marks.
Leary, R. E., and Marks.

Marks, Barnard M., Newark, N. J., and C. E. Ranck, Philadelphia, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of cast sheets. 2,369,593; Feb. 13.

Marks, Barnard M., Newark, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cast methyl methacrylate sheets. 2,373,488; Apr. 10.

Marks, Barnard M., Newark, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Purification of alkyl methacrylate monomers. 2,377,952; June 12.

Marks, Barnard M., Upper Montclair, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymerization of ethenoid monomers. 2,383,069; Aug. 21.

Marks, Emanuel S., et al., trustee: *See*—
Edwards, Howard C., assignor.

Marks, Henry C., Bloomfield, assignor to Wallace & Tiernan Products, Inc., Belleville, N. J. Chlorine detection by electrode depolarization. 2,370,871; Mar. 6.

Marks, Henry C., Bloomfield, assignor to Wallace & Tiernan Products, Inc., Belleville, N. J. Electrical determination or control of chlorine in liquids. 2,382,734; Aug. 14.

Marks, Henry C., Bloomfield, assignor to Wallace & Tiernan Products, Inc., Belleville, N. J. Electrical cell apparatus. 2,382,735; Aug. 14.

Marks, Isidore, Boston, Mass. Making skis. 2,371,305; Mar. 13.

Marks, Louise E., et al.: *See*—
Edwards, Howard C., assignor.

Marks Products Co. Inc.: *See*—
Grobsgal, Alexis C., assignor.

Marks, William S., Jr., Long Branch, N. J. Frequency control system. 2,383,005; Aug. 21.

Markstrum, John A., assignor to Ex-Cell-O Corporation, Detroit, Mich. Surface broach. 2,390,722; Dec. 11.

Markus, August F., assignor to Ex-Cell-O Corporation, Detroit, Mich. Thread grinder. 2,388,064; Oct. 30.
Markus, August F., assignor to Ex-Cell-O Corporation, Detroit, Mich. Dresser compensating mechanism for grinding machines. 2,388,065; Oct. 30.
Markus, August F., assignor to Ex-Cell-O Corporation, Detroit, Mich. Dresser compensating mechanism for grinding machines. 2,388,066; Oct. 30.
Markus, August F., assignor to Ex-Cell-O Corporation, Detroit, Mich. Dresser compensating mechanism for grinding machines. 2,388,067; Oct. 30.
Markuson, Arthur C., San Francisco, Calif. Corner construction and finishing bead for walls. 2,391,581; Dec. 25.
Markwart, Earl H., Sacramento, Calif. Water lock. 2,371,339; Mar. 13.
Markwart, Earl H., and A. L. Cannon; said Cannon assignor to said Markwart, doing business as Yuba Tank & Steel Co., Sacramento, Calif. Pump control and the like. 2,381,221; Aug. 7.
Markwood, Paul W.: *See*—
Moritz, A. J. L., Schoonderwoerd, Van Dobbenburgh, and Markwood, assignors.
Markwood, Paul W., assignor to American Enka Corporation, Enka, N. C. Unwinding yarn. 2,377,799; June 5.
Marlin Firearms Company, The: *See*—
Jenkinson, Robert L., assignor.
Marlman, Ethel P., assignor to The Humane Coyote Getter Inc., Las Animas, Colo. Poison mixtures for trap gun cartridges. 2,368,368; Jan. 30.
Marmon-Herrington Company, Inc.: *See*—
Cost, William A., assignor.
Oldfield, Lee, assignor.
Marmont, George H., assignor to Bendix Aviation Corporation, Detroit, Mich. Ignition system. 2,390,842; Dec. 11.
Marner, Charles L., assignor to Graver Tank & Mfg. Co., Inc., East Chicago, Ind. Pressure storage tank. 2,376,263; May 15.
Marohl, Lillian L., St. Paul, Minn. Cover lock for cans. 2,382,083; Aug. 14.
Marohl, Lillian L., St. Paul, Minn. Perfume dispensing container. 2,385,098; Sept. 18.
Maroney, Mary W., executrix: *See*—
Maroney, Thomas A.
Maroney, Thomas A., Cedar Grove, assignor of three-twentieths to S. Cohen, three-twentieths to M. Cohen, three-twentieths to L. Cohen, and two-twentieths to H. F. Taylor, Charleston, W. Va.; M. W. Maroney, executrix of said T. A. Maroney, deceased. Centrifugal or rotary pump. 2,371,250; Mar. 13.
Marple, Kenneth E., Oakland, and B. Borders, assignors to Shell Development Company, San Francisco, Calif. Stabilization of unsaturated nitriles. 2,375,015; May 1.
Marple, Kenneth E., T. W. Evans, Oakland, and B. Borders, assignors to Shell Development Company, San Francisco, Calif. Manufacture of nitriles. 2,375,016; May 1.
Marple, Kenneth E., Oakland, assignor to Shell Development Company, San Francisco, Calif. Ethers of cyclic ketals. 2,377,568; June 5.
Marple, Kenneth E., Oakland, assignor to Shell Development Company, San Francisco, Calif. Synthetic rubber compositions. 2,380,184; July 10.
Marple, Kenneth E., E. C. Shokal, and T. W. Evans, Oakland, assignors to Shell Development Company, San Francisco, Calif. Production of hydroxy ethers. 2,380,185; July 10.
Marple, Kenneth E., Oakland, assignor to Shell Development Company, San Francisco, Calif. Regulating polymerization of polymerizable mixtures containing conjugated diene hydrocarbons and products obtainable thereby. 2,388,167; Oct. 30.
Marple, Rollo, assignor to Hancock Manufacturing Company, Jackson, Mich. Lock. 2,374,223; Apr. 24.
Marquardt, Frank C., Bronx, assignor to American Bank Note Company, New York, N. Y. Printing machine. 2,380,322; July 10.
Marquet, Georges, Lyon, France; vested in the Alien Property Custodian. Dead-centerless crank gear. 2,391,725; Dec. 25.
Marquet, Georges: *See*—
Verots, P., and Marquet.
Marquette Metal Products Company, The: *See*—
Brooksieker, H. H., and Thyreen, assignors.
Carey, Leroy J., assignor.
Sacchini, Columbus R., assignor.
Sacchini, C. R., and Vandervoort, assignors.
Marquis, Harry G., et al.: *See*—
Bushnell, Elizabeth W., assignor.
Marr, Arthur P.: *See*—
Frank, J., and Marr.
Marr, George M., Woodhaven, N. Y. Buoyant safety light. 2,369,971; Feb. 20.
Marr, George M., New York, N. Y. Buoyant safety light. 2,389,266; Nov. 20.
Marra, Daniel A., Cheswick, Pa. Blowpipe tip and production. 2,368,716; Feb. 6.
Marra, Daniel A., Cheswick, Pa. Cutting torch. 2,371,970; Mar. 20.
Marrison, Warren A., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electromagnetic device. 2,375,017; May 1.
Marrow, Alfred J., University Place, N. Y., and H. L. Green, Marion, Va., assignors to Harwood Manufacturing Corporation, New York, N. Y. Garment. 2,371,584; Mar. 13.
Mars, Nick, Sharon, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Calibrating tool. 2,390,802; Dec. 11.
Marsack Patents Corporation: *See*—
Marsack, Sam, assignor.
Marsack, Sam, assignor to Marsack Patents Corporation, Milwaukee, Wis. Mattress construction. 2,382,496; Aug. 14.
Marsan, Charles H., assignor of one-half to S. Lomax, New York, N. Y. Hospital bed. 2,384,325; Sept. 4.
Marschner, Charles F., Normandy, assignor to McDonnell Aircraft Corporation, St. Louis, Mo. Compression mold. 2,368,717; Feb. 6.
Marschner, Charles F., Normandy, assignor to McDonnell Aircraft Corporation, St. Louis, Mo. Process and apparatus for manufacturing plastic articles. 2,390,803; Dec. 11.
Marschner, Charles F., Normandy, Mo., and E. W. Bryan, Arcadia, Calif., assignors to McDonnell Aircraft Corporation, St. Louis, Mo. Manufacturing molded plastic die members with electric heating elements embodied therein. 2,391,432; Dec. 25.
Marsden, James, Schenectady, N. Y., assignor to General Electric Company. Making silicone resins. 2,390,378; Dec. 4.
Marsden, James: *See*—
Wright, J. G. E., and Marsden.
Marselus, William, Sandwich, Ill. Filter. 2,367,794; Jan. 23.
Marsh, Arthur J., Wellesley, Mass. Teaching device. 2,385,093; Sept. 18.
Marsh, Cyril, assignor to S. F. Bowser & Company, Incorporated, Fort Wayne, Ind. Fuel dispensing system. 2,375,428; May 8.
Marsh, Gerald M., El Cerrito, Calif. Safety ladder. 2,368,081; Jan. 23.
Marsh, Henry R: *See*—
Gwaltney, E. C., and Marsh.
Marsh, John L., North Tonawanda, N. Y. Swaging machine. 2,372,507; Mar. 27.
Marsh, John W., U. S. Army, Washington, D. C. Pressure gauge. 2,370,678; Mar. 6.
Marsh, John W., Alexandria, Va. Power-transmitting mechanism. 2,377,350; June 5.
Marsh, Nat H., Baytown, Tex., assignor to Standard Oil Development Company. Preparation of diolefins. 2,389,205; Nov. 20.
Marsh Wall Products, Incorporated: *See*—
Robinson, J., Jr., and Seibert, assignors.
Marsh, Walter H.: *See*—
Thoresen, Einar and Marsh.
Marshall, Charles O., and L. S. Williams, assignors to Toledo Scale Company, Toledo, Ohio. Weighing scale. 2,370,982; Mar. 6.
Marshall, Charles O., assignor to Toledo Scale Company, Toledo, Ohio. Food handling apparatus. 2,380,364; July 10.
Marshall, Claire A.: *See*—
Hull, D. C., and Marshall.
Marshall, Courtenay D., and C. O. Buttrill, Beaumont, Tex., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Cooling system. 2,389,106; Nov. 13.
Marshall, Frederick G., Leamington Spa, assignor to Constant Speed Airscrews Limited, Warwick, England. Spinner. 2,375,673; May 8.
Marshall, Henry T.: *See*—
Lawrence, Robert H., assignor.
Marshall, Jerry R.: *See*—
Bennett, H. T., and Marshall.
Marshall, John J., Ashland, Wis. Cradle rocking toy. 2,385,872; Oct. 2.
Marshall, Joseph C., Baldwin, and H. F. May, Valley Stream, assignors to The Teleregister Corporation, New York, N. Y. Communication and posting system. 2,391,469; Dec. 25.
Marshall, Joseph C.: *See*—
May, H. F., and Marshall.
Marshall, Leland S., Dayton, Ohio. Testing apparatus for Link trainer recorders. 2,383,006; Aug. 21.
Marshall, Morris D., Arlington, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Preparation of sols. 2,377,841; June 5.
Marshall, Morris D., Arlington, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Preparation of sols. 2,377,842; June 5.
Marshall, Morris D., Arlington, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Preparation of sols. 2,386,247; Oct. 9.
Marshall, Morris D., Arlington, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Preparation of sols. 2,391,253; Dec. 18.
Marshall, Morris D., Arlington, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Preparation of sols. 2,391,254; Dec. 18.
Marshall, Morris D., Arlington, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Preparation of sols. 2,391,255; Dec. 18.
Marshall, Robert W., Santa Clara, Calif. Toy gun. 2,383,939; Sept. 4.

Marshall, Roscoe W., Brunswick, Ga. Suspended building construction. 2,386,622; Oct. 9.
Marshall, William A., Jr., Oak Park, assignor to Stewart-Warner Corporation, Chicago, Ill. Altitude compensator. 2,381,358; Aug. 7.
Marshall, William E.: *See*—
Finkbone, B. P., and Marshall.
Marshall, William L., Limited: *See*—
Smith, John H., assignor.
Marsilius, Newman M., Trumbull, Conn. Work support. 2,370,366; Feb. 27.
Marsilius, Newman M., Trumbull, Conn. Machine index. 2,370,367; Feb. 27.
Marsilius, Newman M., Trumbull, Conn. Clamping fixture. 2,380,661; July 31.
Marsilius, Newman M., Bridgeport, Conn. Milling machine. 2,380,359; July 31.
Marson, Harry W., Middletown, Conn., assignor to American Cyanamid Company, New York, N. Y. Sulphonamide derivatives of 4-amino-1,2,4-triazole and their production. 2,367,037; Jan. 9.
Marten-Gwilliam, Vivian C. E.: *See*—
Barker, S. N., Selman, Bull, Marten-Gwilliam, Wark, and Thomson.
Martin, Charles A., Buffalo N, Y.. Portable sawing machine. 2,371,401; Mar. 13.
Martin, Charles A., Chicago, Ill. Valve. 2,373,324; Apr. 10.
Martin, Charles A., and J. F. Farris, Nashville, Tenn. Furnace door. 2,374,611; Apr. 24.
Martin, Charles A., Buffalo, N. Y. Machine for cutting articles. 2,377,437; June 5.
Martin, Charles C., Cleveland Heights, assignor to David Round & Son, Garfield Heights, Ohio. Safety lowering and control mechanism for winches and the like. 2,390,891; Dec. 11.
Martin, Charles E., Minneapolis, Minn. Garment. 2,368,034; Jan. 23.
Martin, Charles L., Overland, assignor to Carter Carburetor Corporation, St. Louis, Mo. Snap action device. 2,387,402; Oct. 23.
Martin, Clifford M., Denver, Colo. Stretching table. 2,385,998; Oct. 2.
Martin, Earnest E., Redondo, assignor to Ralph Walsh, Los Angeles, Calif. Spray control valve. 2,391,582; Dec. 25.
Martin, Earnest E., Redondo, assignor to Ralph Walsh, Los Angeles, Calif. Valve device. 2,391,583; Dec. 25.
Martin, Edward W., Roxbury, Conn. Wall plate. 2,390,379; Dec. 4.
Martin, Edwin D., assignor to Inland Steel Company, Chicago, Ill. Apparatus for electroplating. 2,382,018; Aug. 14.
Martin, Elmore L., Wilmington, Del. Melt extruding synthetic polymers. 2,367,173; Jan. 9.
Martin, Elmore L., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Linear polyamides. 2,389,628; Nov. 27.
Martin, Eric L., Santa Monica, assignor to North American Aviation, Inc., Inglewood, Calif. Aircraft landing gear. 2,371,699; Mar. 20.
Martin, Erle: *See*—
Caldwell, F. W., and Martin.
Martin, Erle, West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Propeller with extended drive. 2,371,873; Mar. 20.
Martin, Erle, West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Power plant control means. 2,391,323; Dec. 18.
Martin, Frank S., Providence, R. I., assignor to United States Rubber Company, New York, N. Y. Manufacturing cut seamed articles. 2,379,311; June 26.
Martin, Frederick H., Belmont, Mass., assignor to The B. F. Goodrich Company, New York, N. Y. Rubber boot. 2,377,022; May 29.
Martin, Friedrich, Oberhausen, and H. Tramm, Oberhausen-Holten, Germany; vested in the Alien Property Custodian. Production of liquid fuel. 2,368,939; Feb. 6.
Martin, George D., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. New plastic compositions and making same. 2,375,572; May 8.
Martin, George D., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Compositions from vulcanizable gums and making same. 2,376,264; May 15.
Martin, George D., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. New thermoplastic compositions and making same. 2,382,497; Aug. 14.
Martin, George D., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Making thermoplastic compositions and products obtained thereby. 2,386,968; Oct. 16.
Martin, George D., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Making thermoplastic compositions and products obtained thereby. 2,387,521; Oct. 23.
Martin, Glenn L., Company, The: *See*—
Benckert, Willis J., assignor.
Clark, John R., assignor.
Czapiewski, Frank, assignor.
Ebel, W. K., and Pepersack, assignors.
Elliott, Daniel S., assignor.
Fisher, Clarence E., assignor.
Gray, Reid B., assignor.
Hicks, Tip A., Sr., assignor.
Martin, Glenn L., Company, The: *See*—Continued
Klemm, H. G., and Niles, assignors.
Klopp, H. H., Koscera, and Finke, assignors.
Knochel, E. S., and Pasela, assignors.
Kupiec, H. P., and Stewart, assignors.
Miller, Leslie T., assignor.
Morgan, Robert C., assignor.
Palmer, J. A., and Bell, assignors.
Rast, W. L., and Musser, assignors.
Rhodes, Murray B., assignor.
Towner, George F., assignor.
Turnbull, William J., assignor.
Welden, George R., assignor.
Yerger, Leonard K., Jr., assignor.
Martin, Gustav J., Elmhurst, and M. R. Thompson, Great Neck, assignors to William R. Warner & Company, Inc., New York, N. Y. Detoxicant. 2,366,742; Jan. 9.
Martin, Gustav J., Elmhurst, and M. R. Thompson, Great Neck, assignors to W. R. Warner & Company, Inc., New York, N. Y. Sulphapyridine composition of low toxicity. 2,376,795; May 22.
Martin, Harold M., Schenectady, N. Y., assignor to General Electric Company. Dynamoelectric machine. 2,374,028; Apr. 17.
Martin, Harold M., Schenectady, N. Y., assignor to General Electric Company. Dynamoelectric machine. 2,376,441; May 22.
Martin, Harold M., Schenectady, N. Y., assignor to General Electric Company. Dynamoelectric machine. 2,386,701; Oct. 9.
Martin, Harold M., Schenectady, N. Y., assignor to General Electric Company. Dynamometer. 2,391,024; Dec. 18.
Martin, Harold W.: *See*—
Goodwin, C. W., and Martin.
Martin, Harold W., Malverne, N. Y., assignor to American Seal-Kap Corporation of Delaware, Wilmington, Del. Adhesive applying machine. 2,376,069; May 15.
Martin, Harold W., Malverne, N. Y., assignor to American Seal-Kap Corporation of Delaware, Wilmington, Del. Die. 2,377,351; June 5.
Martin, Harry C., and F. A. Upper, assignors to The Carborundum Company, Niagara Falls, N. Y. Abrasive articles. 2,371,700; Mar. 20.
Martin, Henry, R. Hirt, and A. Staub, assignors to the firm of J. R. Geigy A. G., Basel, Switzerland. Sulphanilyl carbamic acid derivatives and their manufacture. 2,371,178; Mar. 13.
Martin, Henry, Basel, H. H. Zaeslin, Riehen, and R. Hirt, C. Glatthaar, and A. Staub, assignors to J. R. Geigy A. G., Basel, Switzerland. Halogen substituted acylamino sulphonic acids of the aromatic series and their manufacture. 2,376,930; May 29.
Martin, Henry, R. Hirt, and O. Neracher, assignors to the Swiss firm of J. R. Geigy A. G., Basel, Switzerland. P-aminobenzenesulphonamides and their manufacture. 2,383,874; Aug. 28.
Martin, Homer Z.: *See*—
Campbell, D. L., and Martin.
Marancik, J. V., and Martin.
Martin, Homer Z., Cranford, N. J., assignor to Standard Oil Development Company. Treatment of gases. 2,379,734; July 3.
Martin-Hurst, William F. F., Sunbury-on-Thames, England. Electrical relay device. 2,373,587; Apr. 10.
Martin, J. F., et al.: *See*—
Overbey, Herman T., assignor.
Martin, James, Higher Denham, near Uxbridge, England. Mounting for machine guns or small cannon for airplanes. 2,372,728; Apr. 3.
Martin, James, Higher Denham, near Uxbridge, England. Trimmer tab control for airplanes. 2,379,977; July 10.
Martin, James, Higher Denham, near Uxbridge, England. Hinge pin, retainer pin, and the like provided with self-locking means. 2,382,166; Aug. 14.
Martin, James, Higher Denham, near Uxbridge, England. Mounting of small cannon in the wings and the like of aircraft. 2,382,325; Aug. 14.
Martin, James, Higher Denham, near Uxbridge, England. Adjustable rear mounting for guns. 2,385,218; Sept. 18.
Martin, James D., et al.: *See*—
Bert, Samuel D., assignor.
Martin, John S., Bellingham, Wash. Adjustable two-way hand snow plow. 2,388,985; Nov. 13.
Martin, Joseph S., San Carlos, Calif., assignor to United Air Lines, Inc. Cargo tie-down. 2,372,967; Apr. 3.
Martin, Louis D., assignor to Eastman Kodak Company, Rochester, N. Y. Method and apparatus for gear checking. 2,369,477; Feb. 13.
Martin, Marie: *See*—
Wipperman, H., and Martin.
Martin, Mark H., Reading, assignor to Birdsboro Steel Foundry and Machine Company, Birdsboro, Pa. Truck. 2,366,922; Jan. 9.
Martin, Mark H., Reading, assignor to Birdsboro Steel Foundry and Machine Company, Birdsboro, Pa. Truck. 2,373,252; Apr. 10.
Martin, Mark H., Reading, assignor to Birdsboro Steel Foundry and Machine Company, Birdsboro, Pa. Truck. 2,378,647; June 19.
Martin, Merlin L.: *See*—
Alford, E. L., and Martin.

Martin, Mervin E.: *See*—
Haney, C. I., and Martin.
Haney, C. I., Martin, and McGoury.
Schneider, G., and Martin.

Martin, Mervin E., et al.: *See*—
Seymour, G. W., Martin, and Rowley.

Martin, Mervin E., and T. M. Andrews, Cumberland, Md., assignors to Celanese Corporation of America. Mixed cellulose esters. 2,373,630; Apr. 10.

Martin, Otis C., Los Angeles, Calif. Making cutting tools. 2,370,409; Feb. 27.

Martin, Otis C., Los Angeles, Calif. Straight thread fitting. 2,373,253; Apr. 10.

Martin-Parry Corporation: *See*—
Buquor, Adolph P., assignor.

Martin, Paul N., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Mounting plate for plug-in devices. 2,391,324; Dec. 18.

Martin, Paul N., Penn Township, Allegheny County, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway track circuit apparatus. 2,367,729; Jan. 23.

Martin, Paul N., Penn Township, Allegheny County, assignor to The Union Switch & Signal Company, Swissvale, Pa. Mounting for oscillatory members. 2,372,594; Mar. 27.

Martin, Philip, Tarzana, Calif. Sausage skinning machine. 2,369,360; Feb. 13.

Martin, Philip W., Huntington Park, Calif. Gun firing means. 2,370,909; Mar. 6.

Martin, Robert W., Savannah, Ga., assignor to Hercules Powder Company, Wilmington, Del. Aqueous bituminous emulsions. 2,376,498; May 22.

Martin, Robert W., Savannah, Ga., assignor to Hercules Powder Company, Wilmington, Del. Wood digestion resin-aldehyde condensation product. 2,383,558; Aug. 28.

Martin, Robert W., Savannah, Ga., assignor to Hercules Powder Company, Wilmington, Del. Terpene isomerization in liquid phase. 2,384,482; Sept. 11.

Martin, Roy A., Hornchurch, and A. W. Say, Upminster, assignors to The Plessey Company Limited, Ilford, Essex, England. Locking device. 2,391,724; Dec. 25.

Martin, Russell: *See*—
Coleman, W. C., and Martin.

Martin, Russell, Wichita, Kans. Press. 2,373,770; Apr. 17.

Martin, Russell, assignor to The Coleman Lamp and Stove Company, Wichita, Kans. Control apparatus for fuel burning appliances. 2,367,038; Jan. 9.

Martin, Samuel M., and O. G. Nelson, Baltimore, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Apparatus for wrapping articles with strands. 2,375,861; May 15.

Martin, Samuel M., and O. G. Nelson, Baltimore, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Apparatus for serving strands upon articles. 2,375,862; May 15.

Martin, Samuel M., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Insulation stripping pliers. 2,386,327; Oct. 9.

Martin, Sida S., executrix: *See*—
Boynton, Alexander.

Martin, Stoddard B., Lakewood, Ohio. Pusher. 2,366,923; Jan. 9.

Martin, Stoddard B., Lakewood, Ohio. Pusher. 2,370,368; Feb. 27.

Martin, Stoddard B., Lakewood, Ohio. Collet. 2,383,508; Aug. 28.

Martin, Thomas A., Springfield, Long Island, N. Y. Alkalinity regulator for washing machine tanks. 2,382,648; Aug. 14.

Martin, Thomas B.: *See*—
Haines, J. F., and Martin.
MacNeil, C. S. J., Haines, Martin, and Berninger.

Martin, Thomas B., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Governor mechanism. 2,375,429; May 8.

Martin, Victor S.: *See*—
Barrans, W. T., and Martin.

Martin, Victor S., Towson, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for making retractile cords. 2,391,433; Dec. 25.

Martin, Wade B., Westwood, N. J., assignor to American Telephone and Telegraph Company. Teletypewriter synchronizing arrangement. 2,375,125; May 1.

Martin, Wesley G., assignor to A. O. Smith Corporation, Milwaukee, Wis. Enamel coated welded joint. 2,374,763; May 1.

Martin, Wesley G., assignor to A. O. Smith Corporation, Milwaukee, Wis. Making hot-water tanks. 2,384,324; Sept. 4.

Martin, William, Vancouver, British Columbia, Canada. Treating stick-water. 2,367,415; Jan. 16.

Martin, William A.: *See*—
Zimmerman, W. B., Martin, and Chisik.

Martin, William E., Kewanee, Ill. Trailer tongue construction. 2,383,666; Aug. 28.

Martin, William McK., Maywood, Ill., assignor to American Can Company, New York, N. Y. Float valve. 2,375,806; May 15.

Martin, William McK., Maywood, Ill., assignor, to American Can Company, New York, N. Y. Container filling system. 2,383,507; Aug. 28.

Martindale, Homer D., Middletown, assignor to The Black-Clawson Company, Hamilton, Ohio. Apparatus for pulping and screening papermaking materials. 2,371,837; Mar. 20.

Martindale, Homer D., Middletown, assignor to The Black-Clawson Company, Hamilton, Ohio. Paper pulping apparatus. 2,384,326; Sept. 4.

Martindell, Frank, Western Springs, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Compressing apparatus. 2,366,976; Jan. 9.

Martindell, Frank, Western Springs, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Fluid flow responsive device. 2,373,041; Apr. 3.

Martindell, Frank, Western Springs, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Fluid actuated device. 2,373,042; Apr. 3.

Martindell, Frank, Western Springs, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Machine for welding. 2,368,754; Nov. 13.

Martinec, Eugene F., Cleveland, Ohio. Gauging device. 2,376,372; May 22.

Martinek, Louis P., Cleveland, Ohio. Print handling device. 2,381,765; Aug. 7.

Martine-Lally, Luis A., W. A. Doney, and J. C. Ditto, Portland, Oreg., assignors to Production Engineering Co. Stud pad. 2,367,039; Jan. 9.

Martinelli, Lloyd A., Concord, and W. H. Topp, Sacramento, Calif. Hydraulic shockless coupling. 2,370,679; Mar. 6.

Martines, Rene, Cranston, R. I. Putty applicator. 2,385,149; Sept. 18.

Martins, Arthur S., Glendale, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,371,972; Mar. 20.

Martinson, Sverre: *See*—
Steibel, J. P., and Martinson.

Martinsson, Gunnar R. C., assignor to Tuthill Pump Company, Chicago, Ill. Fluid pressure control valve. 2,391,790; Dec. 25.

Marto, Nicholas R., Roslindale, assignor, by mesne assignments, to Marine Optical Mfg. Co., Boston, Mass. Industrial goggles. 2,370,807; Mar. 6.

Marton, Ladislaus, Palo Alto, Calif., assignor to Radio Corporation of America. Correction of electromagnetic lens. 2,372,443; Mar. 27.

Marts, Loyd C., assignor of one-half to L. L. Felker, Del Norte, Colo. Foot rest. 2,380,118; July 10.

Marvel Auto Signal Co., Inc.: *See*—
Rohlen, Arthur W., assignor.

Marvel, Carl S.: *See*—
Zellhoefer, G. F., Marvel, and Copley.

Marvel Equipment Corporation: *See*—
Boethel, John H., assignor.

Marvel, Harvey F., assignor to S. F. Bowser & Company, Incorporated, Fort Wayne, Ind. Check controlled stop device. 2,390,605; Dec. 11.

Marvin, John T., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Method of manufacture. 2,390,160; Dec. 4.

Marvin, Stanley: *See*—
Glynn, E. A., and Marvin.

Marx, Frank A., Bridgetown, assignor to The Richardson Taylor-Globe Corporation, Cincinnati, Ohio. Dispensing carton. 2,386,168; Oct. 30.

Marx, Graham E., assignor to The G. A. Gray Company, Cincinnati, Ohio. Tool structure for two-way planing. 2,369,361; Feb. 13.

Marx, Herman, New York, N. Y. Shoe structure. 2,367,232; Jan. 16.

Marx, Herman, New York, N. Y. Shoe structure. 2,368,314; Jan. 30.

Marx, Louis, & Company, Inc.: *See*—
Smith, A. N., and Godfrey, assignors.

Marx, Walter S., Jr., assignor to Printing Arts Research Laboratories, Inc., Santa Barbara, Calif. Halftone photoengraving process and screen. 2,373,489; Apr. 10.

Marx, Walter S., Jr., assignor to Printing Arts Research Laboratories, Inc., Santa Barbara, Calif. Photoengraving. 2,391,025; Dec. 18.

Maryland Baking Company, Inc.: *See*—
Balton, James, assignor.
Glassner, Mitchel, assignor.

Maryland Plastics, Inc.: *See*—
Milano, Sylvester, assignor.

Marzetti, Manlio, Milan, Italy; vested in the Alien Property Custodian. Resilient mounting of units. 2,386,248; Oct. 9.

Marziani, Joseph, assignor of one-half to F. E. Bowker, Philadelphia, Pa. Pressure applicator. 2,369,362; Feb. 13.

Mascarenhas, Eneas G., Minas, Brasil. Electro-pneumatic loom. 2,377,800; June 5.

Mascarenhas, Eneas G., Minas, Brasil. Hypodermic needle grinder. 2,389,069; Nov. 13.

Maschinenfabrik Schärer: *See*—
Siegenthaler, W., assignor.
Siegenthaler, Walter, assignor.

Maschoff, Robert, Biloxi, Miss. Handkerchief holder. 2,379,092; June 26.

Masculine, Edwin T., Sherman Oaks, Calif. Hydraulic press. 2,383,810; Aug. 28.

Maseng, Olav, assignor to Square D Company, Detroit, Mich. Electric switch. 2,378,648; June 19.

Maskey, James J.: *See*—
Manson, Frank G.
Manson, F. G., and Maskey.
Manson, Frank G., and Maskey.

Masland, Charles H., 2nd, near Carlisle, Pa. Textile dyeing and finishing, method and product. 2,367,730; Jan. 23.

Maslanka, Erich: *See*—
Laufenberg, W., Maslanka, and Weissenburger.

Maslin, Albert J., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Rectifier transformer. 2,374,029; Apr. 17.

Masloff, Alexander D., assignor of sixty one-hundredths to G. A. Rublessow, New York, N. Y. Torpedoproof battleship. 2,371,340; Mar. 13.

Mason, Arthur C., Paterson, N. J. Machine for forming separated bodies. 2,386,623; Oct. 9.

Mason Box Company, The: *See*—
Rhodes, Russell I., assignor.

Mason, Claude D., assignor to Mishawaka Rubber and Woolen Manufacturing Company, Mishawaka, Ind. Composite rubber and fibrous material and making same. 2,382,248; Aug. 14.

Mason, Clesson E., Brookline, assignor to The Foxboro Company, Foxboro, Mass. Control mechanism. 2,382,895; Aug. 14.

Mason, Collins: *See*—
Ford, Walter B., assignor.

Mason, Collins, et al.: *See*—
Abeel, George H., III., assignor.
Carol, James E., assignor.

Mason, Collins, Beverly Hills, Calif. Label. 2,382,736; Aug. 14.

Mason, E. N., & Sons Limited: *See*—
Mercer, Arthur A., assignor.

Mason, Ernest J., Marion, Ind. Locking sectional handle. 2,371,639; Mar. 20.

Mason, Frederick P., Croydon, assignor to Creed and Company Limited, Croydon, Surrey, England. Facsimile signaling system. 2,368,369; Jan. 30.

Mason, Henry L.: *See*—
Hubbard, K. H., Mason, and Lench.

Mason, James G., B. L. Craig, and J. C. Garvin, Bellevue, Pa. Dispensing container. 2,375,430; May 8.

Mason, James M.: *See*—
Messmore, H. E., and Mason.

Mason-Neilan Regulator Co.: *See*—
D'Arcy, Alfred C., assignor.

Mason, Ralph B., Baton Rouge, La., assignor to Standard Oil Development Company. Paraffin isomerization process. 2,378,782; June 19.

Mason, Veyne V., Scotch Plains, N. J., assignor to Elastic Stop Nut Corporation of America. Nut or the like and blank therefor. 2,385,927; Oct. 2.

Mason, Warren P., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Couplings between resonators and electron streams 2,379,818; July 3.

Mason, Warren P., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Frequency modulator. 2,379,819; July 3.

Masonite Corporation: *See*—
Boehm, Robert M., assignor.
Dorland, R. M., and Boehm, assignors.

Massa, Frank, Cleveland Heights, assignor to The Brush Development Company, Cleveland, Ohio. Communication system. 2,381,174; Aug. 7.

Massey-Harris Co. Ltd.: *See*—
Ego, George R., assignor.
Johnston, Howard M., assignor.

Massey, William B., Richmond, Va. Dispensing device for paste tubes. 2,390,314; Dec. 4.

Massonneau, Robert F., Scarsdale, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,373,134; Apr. 10.

Massonneau, Robert F., Scarsdale, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,379,093; June 26.

Massonneau, Robert F., Scarsdale, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Time-of-day announcing system. 2,384,634; Sept. 11.

Mast, William C.: *See*—
Lamb, N., and Mast.

Mastenbrook, Henry J., Cleveland Heights, and D. K. Swartwout III, University Heights, assignors to The Swartwout Company, Cleveland, Ohio. Control method and mechanism. 2,375,431; May 8.

Master Electric Company, The: *See*—
Beeman, Lyle, assignor.
Lefler, J., and Darnell, assignors.
Niekamp, Richard A., assignor.

Master Mechanics Co., The: *See*—
Evans, Charles M., assignor.

Master Machine Products: *See*—
Schulz, Herman, assignor.

Master Metal Products, Inc.: *See*—
Gelbel, John F., assignor.

Masters, John F., Winston-Salem, N. C. Furnace grate structure. 2,366,924; Jan. 9.

Masters, Phillip, Broadwater, Nebr. Retractable vehicle support. 2,388,923; Nov. 13.

Masters, Raymond H., Salt Lake City, Utah. Internal-combustion engine. 2,390,723; Dec. 11.

Masterson, Earl E., Indianapolis, Ind., assignor to Radio Corporation of America. Motion-picture apparatus. 2,371,836; Mar. 20.

Mastrud, Conrad D.: *See*—
Naibach, J. R., and Gresham, assignors.

Masunaga, Glenn M., Wahiawa, Hawaii. Grafting implement. 2,368,420; Jan. 30.

Mateer, George L., Mountainside, and A. B. George, Cranford, N. J., assignors to Standard Oil Development Company. Hydrocarbon synthesis. 2,371,402; Mar. 13.

Mather, Glenn, New York, N. Y. Stool. 2,390,546; Dec. 11.

Mathes, Richard E., Westfield, N. J., assignor to Radio Corporation of America. Phase shifting system. 2,371,905; Mar. 20.

Mathes, Richard E., Silver Spring, Md., assignor to Radio Corporation of America. Conversion of start stop signals to synchronous type signals and vice versa. 2,373,970; Apr. 17.

Mathes, Richard E., Silver Spring, Md., assignor to Radio Corporation of America. Receiving distributor. 2,374,295; Apr. 24.

Mathes, Richard E., Silver Spring, Md., assignor to Radio Corporation of America. Conversion of synchronous type signals to start stop signals. 2,389,675; Nov. 27.

Mathes, Robert C., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Diversity radio receiver. 2,375,126; May 1.

Mathes, Robert C., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Impulse transmitter. 2,381,978; Aug. 14.

Mathes, Roger A., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Reaction product of alkyleneimine with ammonium thiocyanate. 2,376,796; May 22.

Matheson, Lorne A.: *See* —
Goggin, W. C., Matheson, and Hanson.

Matheson, Lorne A., assignor to The Dow Chemical Company, Midland, Mich. Vinylidene chloride compositions. 2,384,947; Sept. 18.

Mathews, George W., Chicago, Ill. Quick freezing apparatus. 2,382,084; Aug. 14.

Mathews, Martin D., Indianapolis, Ind. Insulator. 2,381,676; Aug. 7.

Mathi, Walter E., Oakland, Calif., assignor to Marchant Calculating Machine Company. Calculating machine. 2,383,731; Aug. 28.

Mathiasen, Roy L., Perth Amboy, N. J., assignor to Standard Oil Development Company. Addition agent for motor fuels. 2,368,482; Jan. 30.

Mathieson Alkali Works, Inc., The: *See*—
Clark, Charles C., assignor.
Dubeau, A. L., MacMahon, and Vincent, assignors.
Hampel, Clifford A., assignor.
Lepsoe, R., and Hunt, assignors.
MacMahon, James D., assignor.
MacMahon, J. D., and Taylor, assignors.
Petroe, Gregory A., assignor.
Robson, Homer L., assignor.
Vincent, G. P., and Dubeau, assignors.
Vincent, G. P., Dubeau, and Synan, assignors
Vincent, George P., assignor.

Mathisen, Anders, Isleworth, assignor to Graviner Manufacturing Company Limited, Isleworth, Middlesex, England. Electrical fire preventing system for aircraft. 2,385,825; Oct. 2.

Mathisen, Anders, assignor to Graviner Manufacturing Company Limited, Isleworth, England. Stoppering and opening fluid containers. 2,385,826; Oct. 2.

Mathieson Alkali Works, Inc., The: *See*—
Lepsoe, R., Ortner, and Salter, assignors.

Mathieson Alkali Works, Inc., The: *See*—
Woodward, Eric R., assignor.

Mathieson, C. W., et al.: *See*—
Strong, Jules Q., assignor.

Mathieu, Joseph X., Pittsfield, Mass., assignor to General Electric Company, New York, N. Y. Circuit maker and breaker. 2,366,542; Jan. 2.

Mathys, Max A.: *See*—
Snader, I. J., and Mathys.

Mathys, Max A., assignor to Ex-Cell-O Corporation, Detroit, Mich. Hydraulic transmission for machine tools. 2,368,259; Jan. 30.

Mathys, Max A., assignor to Ex-Cell-O Corporation, Detroit, Mich. Hydraulic power unit. 2,374,764; May 1.

Matson, H. Richard, Milwaukee, Wis. Tool shank repair process and repair product. 2,376,931; May 29.

Matson, John A., Troy, N. H. Shuttle brush. 2,371,701; Mar. 20.

Matson, Westy F., Newton, Kans. Emergency valve structures for locomotive boilers and the like. 2,378,149; June 12.

Matt, Joseph, Milwaukee, assignor of one-third to F. Sonneborn, Jr., Sheboygan, and one-third to H. Schimkat, Milwaukee, Wis. Control device for radio receivers. 2,367,363; Jan. 16.

Matter, Albert J., Park Ridge, Ill., assignor to Crane Packing Company, Chicago, Ill. Fluid seal. 2,383,667; Aug. 28.

Mattern, Raymond P., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Temperature responsive resistance element. 2,372,840; Apr. 3.

Mattern, Rudolph A.: *See*—
Forward, Frederick B., assignor.

Matteson, Jesse: *See*—
Findley, K., Krueger, Hecker, Matteson, and Findley.

Matteucci, Raffaele, Turin, Italy; vested in the Alien Property Custodian. Universal damper for the torsional vibrations of coaxially revolving shafts. 2,369,879; Feb. 20.

Matthei, Robert, assignor to The Liquid Carbonic Corporation, Chicago, Ill. Refrigerating storage apparatus. 2,389,267; Nov. 20.

Matthes, Samuel S., assignor to The Ohio Brass Company, Mansfield, Ohio. Trolley wire hanger. 2,388,860; Nov. 13.

Matthews, Alfred E., et al.: *See*—
Clavering, Gunnar, assignor.

Matthews, Louis L., assignor to Maxson Automatic Machinery Company, Westerly, R. I. Sheet-feeding method and machine. 2,367,416; Jan. 16.

Matthews, Phillip W.: *See*—
Leaver, P. J., and Matthews.

Matthews, Robinson E., and F. F. Hensley, Brevard, N. C., assignors to Ecusta Paper Corporation. Rewinding machine. 2,376,879; May 29.

Matthews, W. N., Corporation: *See*—
Birkenmaier, Theodore, assignor.

Matthews, Walter I., Riverhead, N. Y., assignor to Radio Corporation of America. Augmented automatic gain control. 2,389,919; Nov. 27.

Matthews, William H.: *See*—
Pulver, F. F., and Matthews.

Matthias, Lynn H., Fox Point, assignor to Allen-Bradley Company, Milwaukee, Wis. Control device for electrical equipment. 2,369,363; Feb. 13.

Matthias, Lynn H., Fox Point, assignor to Allen-Bradley Company, Milwaukee, Wis. Arc extinguishing device. 2,387,033; Oct. 16.

Matthysse, Irving F.: *See*—
Lee, M., and Matthysse.

Mattimore, John D., Louisville, Ky, assignor to Walworth Patents Inc., Boston, Mass. Valve. 2,375,674; May 8.

Mattison Machine Works: *See*—
Madsen, Sern, assignor.

Mattox, Phillip, Racine, Wis. Abrasive stick holder. 2,377,953; June 12.

Mattox, William J.: *See*
Grosse, A. V., and Mattox.

Mattox, William J., assignor to Universal Oil Products Company, Chicago, Ill. Catalytic reforming. 2,373,254; Apr. 10.

Mattox, William J., assignor to Universal Oil Products Company, Chicago, Ill. Production of styrene. 2,376-709; May 22.

Mattox, William J., assignor to Universal Oil Products Company, Chicago, Ill. Production of butadiene. 2,378,649; June 19.

Mattox, William J., assignor to Universal Oil Products Company, Chicago, Ill. Manufacture of butadiene. 2,378,650; June 19.

Mattox, William J., assignor to Universal Oil Products Company, Chicago, Ill. Manufacture of styrene. 2,389,444; Nov. 20.

Mattox, William J., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Isomerization of normal butene. 2,377,352; June 5.

Mattox, William J., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Production of alkyl aromatic hydrocarbons. 2,381,175; Aug. 7.

Mattox, William J., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Manufacture of butadiene. 2,383,205; Aug. 21.

Mattox, William J., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,383,206; Aug. 21.

Mattox, William J., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 2,385,524; Sept. 25.

Mattox, William J., Riverside, Ill., assignor to Universal Oil Products Company, Chicago, Ill. Production of xylene. 2,386,969; Oct. 16.

Mattox, William J., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Manufacture of styrene. 2,389,801; Nov. 27.

Mattox, William J., and Wayne L. Benedict, assignors to Universal Oil Products Company, Chicago, Ill. Production of ethyl benzene. 2,389,445; Nov. 20.

Matulaitis, Victor E., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Power transmission. 2,373,902; Apr. 17.

Matulaitis, Victor E., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Power transmission. 2,373,903; Apr. 17.

Matulich, Fred A., Drytown, Calif. Hydraulic pruning tool. 2,385,419; Sept. 25.

Matulonis, Edward, Bridgeport, Conn. Fluid-pressure operated apparatus. 2,384,760; Sept. 11.

Matuszak, Maryan P., Bartlesville, Okla., assignor to Phillips Petroleum Company. Treatment of hydrocarbon materials. 2,366,743; Jan. 9.

Matuszak, Maryan P., Bartlesville, Okla., assignor to Phillips Petroleum Company. Recovery of hydrofluoric acid. 2,371,341; Mar. 13.

Matuszak, Maryan P., Bartlesville, Okla., assignor to Phillips Petroleum Company. Treating hydrocarbon materials. 2,375,675; May 8.

Matuszak, Maryan P., Bartlesville, Okla., assignor to Phillips Petroleum Company. Catalytic process. 2,378,651; June 19.

Matuszak, Maryan P., Bartlesville, Okla., assignor to Phillips Petroleum Company. Hydrofluoric acid process. 2,379,022; June 26.

Matuszak, Maryan P., Bartlesville, Okla, assignor to Phillips Petroleum Company. Preparation of catalyst and dehydrogenating hydrocarbons with same. 2,379,172; June 26.

Matuszak, Maryan P., Bartlesville, Okla., assignor to Phillips Petroleum Company. Hydrocarbon alkylation process. 2,379,368; June 26.

Matuszak, Maryan P., Bartlesville, Okla., assignor to Phillips Petroleum Company. Treating catalysts. 2,381,677; Aug. 7.

Matuszak, Maryan P., Bartlesville, Okla., assignor to Phillips Petroleum Company. Conversion of hydrocarbons. 2,387,162; Oct. 16.

Matzinger, Kenneth J.: *See*—
Johnson, G. D., Jr., and Matzinger.

Maud, Fred, and S. I. Faunce, Philadelphia, Pa., assignors to Selas Corporation of America. Tooth gearing. 2,376,161; May 15.

Maude, Aylmer H., assignor to Hooker Electrochemical Company, Niagara Falls, N. Y. Safety device for combustion chambers. 2,366,669; Jan. 2.

Maude, Aylmer H., assignor to Hooker Electrochemical Company, Niagara Falls, N. Y. Synthesizing hydrogen chlorides. 2,366,670; Jan. 2.

Maughan, Matthew W.: *See*—
Burdett, P. H., and Maughan.

Maul, John A., Fort Wayne, Ind., assignor to General Electric Company. Dynamometer test system. 2,367,596; Jan. 16.

Mauldin, David U., Greenville, S. C. Indicator for conduits. 2,371,251; Mar. 13.

Mauldin, John L., Houston, Tex. Hoist type pump. 2,374,765; May 1.

Mauliding, Arthur W., Chicago, Ill., assignor to American Car and Foundry Company, New York, N. Y. Center sill jig. 2,389,526; Nov. 20.

Maurer, Albert, Ashton, R. I., assignor to Draper Corporation, Hopedale, Mass. Dagger stop. 2,391,726; Dec. 25.

Maurer, Frank W., Newton Highlands, Mass. Goggle. 2,387,522; Oct. 23.

Maurer, Fritz, Stuttgart-Bad Cannstatt, and R. Laquay, Stuttgart, Germany; vested in the Alien Property Custodian. Apparatus for rustproofing the inside of gasometer bells. 2,383,402; Aug. 21.

Maurer, Gottfried, Zurich, assignor to the firm Müller A.-G. Brugg, Maschinenfabrik und Eisengiesserei Brugg, Brugg, Switzerland. Adjusting and control device for material working machines. 2,382,801; Aug. 14.

Maurer, J. A., Inc.: *See*—
Maurer, John A., Jr., assignor.
Offner, Abe., assignor.

Maurer, John A., Jr., assignor to J. A. Maurer, Inc., New York, N. Y. Sound film printing optical system. 2,381,979; Aug. 14.

Maurer, Le Roy F., assignor to Bell Aircraft Corporation, Buffalo, N. Y. Antishimmy device. 2,385,635; Sept. 25.

Maurer, Max, Vienna, Germany; vested in the Alien Property Custodian. Arrangement for avoiding errors in measurement due to one-sided heating of the cases of optical instruments. 2,376,710; May 22.

Maurerer, Leopold, Chicago, assignor to Jefferson Electric Company, Bellwood, Ill. Magnetic core structure. 2,378,233; June 12.

Maurette, René G., Beverly, assignor to Sylvania Electric Products Inc., Salem, Mass. Lighting fixture. 2,383,007; Aug. 21.

Maurette, René G., Beverly, Mass., assignor to Sylvania Electric Products Inc., Salem, Mass. Lighting device. 2,391,325; Dec. 18.

Mauro, Oswald G.: *See*—
Dons, E. M., and Mauro.

Maus, Lester F., Minnesota City, Minn. Stalk feeding attachment. 2,370,560; Feb. 12.

Maust, Ernest J.: *See*—
Mead, H. L., and Maust.

Mavity, Julian M., assignor to Universal Oil Products Company, Chicago, Ill. Production of styrene and butadiene. 2,376,649; May 22.

Mavity, Julian M., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Catalysis of organic reactions. 2,388,428; Nov. 6.

Mavor, John B., Glasgow, Scotland, assignor to Joy Manufacturing Company, Franklin, Pa. Apparatus for mining. 2,389,920; Nov. 27.

Mavor, John B., Glasgow, Scotland, assignor to Joy Manufacturing Company, Franklin, Pa. Apparatus for mining. 2,389,921; Nov. 27.

Mawhirter, Glenn E., Pawnee Rock, Kans. Crude oil treating apparatus. 2,374,944; May 1.

Max Ams Machine Company, The: *See*—
Brenzinger, Julius, assignor.
Diezel, Willy, assignor.

Max, Herbert J.: *See*—
Smith, A. K., Max, and Wheeler.

Maxam, Allen B.: *See*—
Henry, W. C., and Maxam.

Maxant, William T., Ayer, Mass. Button sewing machine. 2,383,875; Aug. 28.

Maxant, William T., Ayer, Mass. Accordion pleating machine. 2,387,163; Oct. 16.

Maxey, George W., Cleveland, Ohio. Hammer. 2,369,790; Feb. 20.

Maxim Silencer Company, The: *See*—
Bourne, Roland B., assignor.

Maxon, Glenway, Jr., Milwaukee, Wis. Air freight handling system. 2,379,094; June 26.

Maxon, Glenway, Jr., assignor to The T. L. Smith Company, Milwaukee, Wis. Concrete consistency meter. 2,372,595; Mar. 27.

Maxon, Harry R., Jr., assignor to Maxon Premix Burner Company, Muncie, Ind. Gas burner. 2,368,370; Jan. 30.

Maxon Premix Burner Company: *See*—
Maxon, Harry R., Jr., assignor.

Maxson Automatic Machinery Company: *See*—
Matthews, Louis L., assignor.

Maxson, Louis A., Claremont, N. H., assignor to Sullivan Machinery Company. Automatic control means. 2,380,457; July 31.

Maxson, W. L., Corporation, The: *See*—
Maxson, W. L., McLaren, and Green, assignors.
Vaughan, John A., assignor.

Maxson, William L., South Orange, N. J., P. J. McLaren, New York, N. Y., and W. T. Green, Union City, N. J., assignors, by mesne assignments, to The W. L. Maxson Corporation, New York, N. Y. Mathematical apparatus. 2,373,771; Apr. 17.

Maxutov, Constantine D.: *See*—
Corson, B. B., and Maxutov.

Maxwell, Carl A., Akron, Ohio, assignor to The Babcock & Wilcox Company, Newark, N. J. Apparatus for tube expanding. 2,375,235; May 8.

Maxwell, Donald E., Scotia, N. Y., assignor to General Electric Company. Amplifier. 2,369,066; Feb. 6.

Maxwell, Frank R., Rose Valley, Pa. Airplane wing. 2,381,678; Aug. 7.

Maxwell, Frank R., Rose Valley, Pa. Airplane and control device therefor. 2,381,679; Aug. 7.

Maxwell, Frank R., Rose Valley, Pa. Airplane and control device therefor. 2,381,680; Aug. 7.

Maxwell, Frank R., Rose Valley, Pa. Airplane and control device therefor. 2,381,681; Aug. 7.

Maxwell, John L., Redwood City, Calif., assignor to American Telephone and Telegraph Company. Testing apparatus. 2,377,438; June 5.

Maxwell, Robert W., Seaford, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Treatment of hydroxylated polymers. 2,373,135; Apr. 10.

Maxwell, Willard A., Portland, Oreg. Combination bulldozer and shovel. 2,387,764; Oct. 30.

Maxwell, William H., Beverly Hills, Calif. Hair curler. 2,370,910; Mar. 6.

Maxwell, William H., Los Angeles, Calif. Hair curler. 2,388,791; Nov. 13.

Maxwell, William H., Los Angeles, Calif. Hair curler. 2,388,792; Nov. 13.

Maxwell, William H., et al.: *See*—
Panushka, J. B., and Wheeler, assignors.

May & Baker Limited: *See*—
Barber, Harry J., assignor.
Barber, H. J., and Self, assignors.

May, Chester J., Waterbury, Conn. Oil delivery control apparatus. 2,366,925; Jan. 9.

May, Everette L.: *See*—
Price, D., and May.

May, Frank H., assignor to American Potash & Chemical Corporation, Trona, Calif. Recovering carbon dioxide from gases. 2,374,876; May 1.

May, Frank H., assignor to American Potash & Chemical Corporation, Trona, Calif. Producing a mixed crystal crop comprising mainly sodium bicarbonate and potassium pentaborate octohydrate. 2,374,877; May 1.

May, Harold F.: *See*—
Marshall, J. C., and May.

May, Harold F., Valley Stream, and J. C. Marshall, Baldwin, assignors to Teleregister Corporation, New York, N. Y. Communication and posting system. 2,386,743; Oct. 9.

May, Harry C., East McKeesport, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Control device. 2,381,222; Aug. 7.

May, John W.: *See*—
Lindstrom, T., and May.

May, John W., Durham, N. C., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electric operating means for circuit breakers. 2,381,302; Aug. 7.

May, John W., Pittsburgh, W. H. Stuellein, East McKeesport, and M. E. Horn, Wilkinsburg, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit breaker. 2,383,403; Aug. 21.

May, Ray D., Portland, Oreg. Attachment for exhaust pipes. 2,376,550; May 22.

May, Richard W., Cedar Rapids, Iowa, assignor to Collins Radio Company. Locking bar stop means. 2,378,941; June 26.

May, Richard W., Cedar Rapids, Iowa, assignor to Collins Radio Company. Automatic tuning apparatus. 2,391,470; Dec. 25.

May, Robert L., Chicago, Ill., assignor to Sinclair Refining Company, New York, N. Y. Reaction products of alkylated phenols and terpene-phosphorus sulphide. 2,379,312; June 26.

May, Robert L., Chicago, Ill., assignor to Sinclair Refining Company, New York, N. Y. Zinc salt of the reaction products of alkylated phenols and terpene-phosphorus sulphide. 2,379,313; June 26.

May, Walter H., Pelham Manor, N. Y. Sewing machine. 2,377,951; June 12.

Mayberry, Murl D., Golden, Colo., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Machine for distributing and orienting bullets. 2,387,672; Oct. 23.

Mayberry, Walter R., Zanesville, Ohio, assignor to Line Material Company, South Milwaukee, Wis. Electromagnetic device. 2,386,904; Oct. 16.

Mayer, Beatrice S., New Rochelle, N. Y. Scraper for pots, pans, and the like. 2,380,186; July 10.

Mayer, Carl F., Lakewood, Ohio. Welding rod transfer mechanism. 2,373,325; Apr. 10.

Mayer, Charles W., deceased, Rochester, N. Y.; K. B. Mayer, executrix. Apparatus for removing water from paper webs. 2,381,766; Aug. 7.

Mayer, Elinor H., Sarasota, Fla. Folding table leg. 2,385,717; Sept. 25.

Mayer, Ernest, Leipzig, Germany; vested in the Alien Property Custodian. Mold. 2,369,067; Feb. 6.

Mayer, Ivan, Galveston, Tex., assignor to Pan American Refining Corporation, New York, N. Y. Depressuring catalyst-containing chambers. 2,373,043; Apr. 3.

Mayer, Katherine B., executrix: *See*—
Mayer, Charles W.

Mayer, Michael, Cleveland, Ohio. Cigarette and safety match holder. 2,369,364; Feb. 13.

Mayer, Michael, Cleveland, Ohio. Windshield defroster. 2,381,767; Aug. 7.

Mayer, Oscar, & Co., Inc.: *See*—
Seiferth, Oscar E., assignor.
Seiferth, O. E., and Sloan, assignors.
Sloan, Edward C., assignor.

Mayer, Otto, New York, N. Y. Die for the manufacture of pen cases. 2,377,166; May 29.

Mayer, Richard, New Rochelle, N. Y., assignor, by mesne assignments, to A. H. and L. S. Rosenberg, Clayton, and S. M. Rosenberg, University City, Mo. Combination cigarette container and lighter. 2,373,772; Apr. 17.

Mayer, Walter R.: *See*—
Groene, W. F., and Meyer.

Mayer, William C., Jefferson, Wis. Drawer lock. 2,368,859; Feb. 6.

Mayers, Lonnie C. and M. C., Lumberton, N. C. Tobacco stick. 2,378,313; June 12.

Mayers, Mack C.: *See*—
Mayers, Lonnie C. and M. C.

Mayfield, Evart E., assignor to Hercules Powder Company, Wilmington, Del. Bituminous emulsion. 2,370,911; Mar. 6.

Mayfield, Evart E., assignor to Hercules Powder Company, Wilmington, Del. Bitumen emulsion. 2,374,766; May 1.

Mayfield, Franklin D., Bartlesville, Okla., assignor to Phillips Petroleum Company. Treating hydrocarbons. 2,371,342; Mar. 13.

Mayhew, James N., Los Angeles, Calif. Nonsiphon shampoo spray head. 2,389,676; Nov. 27.

Maykemper, Heinrich: *See*—
Finzel, H., and Maykemper.

Mayland, Harrison C., assignor to Universal Oil Products Company, Chicago, Ill. Hydrocarbon conversion. 2,371,538; Mar. 13.

Mayland, Harrison C., assignor to Universal Oil Products Company, Chicago, Ill. Conversion process. 2,374,826; May 1.

Mayle, Louis F., Fort Wayne, Ind., assignor to Farnsworth Television and Radio Corporation. Visual indicating system. 2,378,857; June 19.

Mayle, Louis F., Fort Wayne, Ind., assignor to Farnsworth Television and Radio Corporation. Mosaic sensitivity indicator. 2,389,991; Nov. 27.

Mayle, Louis F., Fort Wayne, Ind., assignor to Farnsworth Television and Radio Corporation. Automatic frequency control apparatus. 2,389,992; Nov. 27.

Maynard, Frederick E., Los Angeles, Calif. Clay settling, centripetal reaction concentrator and amalgamator. 2,385,094; Sept. 18.

Maynard, Hamilton M.: *See*—
Walle, N. F., Sr., Maynard, and Kepler.

Mayne, Robert, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Separable track for crawler type vehicles. 2,387,802; Oct. 30.

Mayner, Stanley, Cleveland, Ohio. Power transmitting apparatus. 2,381,682; Aug. 7.

Mayo, Wilbur L., Hampton, Va. Ignition system for internal-combustion engines. 2,383,876; Aug. 28.

Mays, Arthur B.: *See*—
Gehman, L., Olsen, and Mays.

Mays, Floyd R., Chicago, Ill., and R. R. Royal, Paducah, Ky. Tire. 2,379,095; June 26.

Mays, Floyd R., Chicago, Ill., and R. R. Royal, Paducah, Ky. Tire. 2,383,668; Aug. 28

Mays, Wilburt W., Steelton, Pa. Bottle closure retainer. 2,390,724; Dec. 11.

Maytag Company, The: *See*—
Smith, Thomas R., assignor.

Maywood Manufacturing Corporation: *See*—
Metz, John E. H., assignor.
Mazer, Jacob, Miami Beach, Fla. Acoustical structure. 2,390,262; Dec. 4.
Mazza, Eric, New York, N. Y. Combination life and swimming belt. 2,371,769; Mar. 20.
McAdam, Francis J.: *See*—
Iler, R. K., and McAdam.
McAdam, Francis J., Cleveland, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of chlorine. 2,375,011; May 1.
McAfee, Jerry, Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Carrying out catalyst reactions. 2,391,434; Dec. 25.
McAlevy, Ambrose, D. E. Strain, and F. S. Chance, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Elastomers from ethylene interpolymers. 2,388,169; Oct. 30.
McAllister, Elvy G., Audubon, N. J., assignor to Radio Corporation of America. Split core transformer. 2,367,591; Jan. 16.
McAllister, Sumner H.: *See*—
Anderson, J., McAllister, and Ross.
Anderson, J., Peterson, and McAllister.
Ross, W. E., McAllister, and Anderson.
McAllister, Sumner H., Lafayette, assignor to Shell Development Company, San Francisco, Calif. Olefine isomerization process. 2,379,731; July 3.
McAllister, Walter H.: *See*—
Richardson, A. S., and McAllister.
McAlvin, James H., et al.: *See*—
Leibfritz, William F., assignor.
McArthur, Alexander P., Chicago, Ill. Lap. 2,369,586; Feb. 13.
McArthur, Graham S., Portland, Oreg. Gun. 2,391,636; Dec. 25.
McAuliffe, Patrick, New York, N. Y. Fluid clock. 2,375,568; May 8.
McBath, Bartley R., Glen Ridge, assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Feed water heater. 2,376,068; May 15.
McBee Company, The: *See*—
Burke, William F., assignor.
Connor, Roger, assignor.
Lee, Robert J. L., assignor.
McBerty, Ford H., Newark, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Filtering apparatus and process. 2,374,114; Apr. 17.
McBride, Charles B.: *See*—
Watson, J. E., and McBride.
McBride, George A., Grosse Pointe Woods, Mich., assignor to Inflico Incorporated, Chicago, Ill. Treatment of paper machine waste water. 2,380,252; July 10.
McBride, John J., Bayonne, N. J., assignor to American Car and Foundry Company, New York, N. Y. Hopper discharge. 2,386,702; Oct. 9.
McBride, John W., Burbank, Calif. Stringed musical instrument. 2,368,256; Jan. 30.
McBride, John W., Burbank, Calif. Stringed instrument. 2,368,257; Jan. 30.
McBrien, Roger W., Alton, Ill. Apparatus for measuring liquids. 2,387,922; Oct. 30.
McBrien, Roger W., Alton, Ill. Dispensing apparatus for liquids. 2,387,923; Oct. 30.
McBroom, James C.: *See*—
Cuthill, A., and McBroom.
McCabe, Arthur S.: *See*—
Burns, R. S., and McCabe, assignors.
McCabe, Ira E., Chicago, Ill. Aneroid barometer. 2,367,034; Jan. 9.
McCabe, Ira E., Chicago, Ill. Electric switch mechanism. 2,371,455; Mar. 13.
McCain, Cecil C., Glen Ellyn, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for working articles. 2,367,297; Jan. 16.
McCain, Cecil C., Glen Ellyn, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Article assembling fixture. 2,387,083; Oct. 16.
McCallion, Hugh E., Roseville, Mich. Expanding reamer. 2,385,999; Oct. 2.
McCandless, Estella S., Detroit, Mich. Toe mitt. 2,391,064; Dec. 18.
McCann, Ronald A., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway switch controlling apparatus. 2,368,766; Feb. 6.
McCann, Ronald A., assignor to The Union Switch & Signal Company, Swissvale, Pa. Interlocking control apparatus. 2,387,853; Oct. 30.
McCann, William C., Windom, Minn. Small grain windrower. 2,388,861; Nov. 13.
McCarroll, Russell H.: *See*—
Sorensen, C. E., and McCarroll.
Sorensen, C. E., McCarroll, and Rothenthaler.
McCarroll, Russell H., and G. Vennerholm, assignors to Ford Motor Company, Dearborn, Mich. Heat treatment for steel alloys. 2,368,418; Jan. 30.
McCarroll, Russell H., and G. Vennerholm, assignors to Ford Motor Company, Dearborn, Mich. Steel alloys. 2,370,179; Feb. 27.
McCarroll, Russell H., and J. L. McCloud, Dearborn, and H. E. J. Hanson, Detroit, assignors to Ford Motor Company, Dearborn, Mich. Surface treatment of zinc and cadmium. 2,376,158; May 15.
McCarron, Frank J., et al.: *See*—
Salverda, Henry P., assignor.
McCart, Marvin E., San Jose, Calif. Beauty parlor appliance. 2,370,359; Feb. 27.
McCarthy, Cornelius C., Chicago, Ill. Airplane pilot trainer. 2,385,096; Sept. 18.
McCarthy, Henry J., Danvers, Mass., assignor to Sylvania Electric Products, Inc. Electrical switching means. 2,382,646; Aug. 14.
McCarthy, James F., Jr., Wallace, Idaho. Correlating drill bit sharpening and gauging mechanism. 2,367,229; Jan. 16.
McCarthy, James F., Jr., Wallace, Idaho. Chucking means for drill bits. 2,368,077; Jan. 23.
McCarthy, James F., Jr., Wallace, Idaho. Sharpening bits. 2,374,362; Apr. 24.
McCarthy, Samuel M., Columbus, Ga. Sheet holder. 2,372,904; Apr. 3.
McCarthy, Timothy F., Indiana, Pa. Draft operated scraper. 2,391,584; Dec. 25.
McCartney, Howard R., assignor to Zimmer Manufacturing Company, Warsaw, Ind. Screw driver. 2,370,407; Feb. 27.
McCarty, Clark W.: *See*—
Graham, W. R., Jr., and McCarty.
McCarty, John Ellsworth D.: *See*—
Peters, M. F., and McCarty.
McCarty, Lourdes V.: *See*—
Johnson, R. W., and McCarty.
McCarty, Lourdes V., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Burner control apparatus. 2,375,569; May 8.
McCarty, Lourdes V., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Floor furnace gas control means. 2,387,164; Oct. 16.
McCarty, Lourdes V., assignor to Automatic Products Company, Milwaukee, Wis. Snap action constant level device. 2,383,793; Nov. 13.
McCarty, Madison P., Chicago, Ill. Flowmeter. 2,372,166; Mar. 20.
McCaskell Filters, Inc.: *See*—
McCaskell, Jasper A., assignor.
McCaskell, Jasper A., assignor to McCaskell Filters, Inc., Los Angeles, Calif. Cake discharger mechanism. 2,374,363; Apr. 24.
McCaslin, Stanley N., and A. Lamb, assignors to Crompton & Knowles Loom Works, Worcester, Mass. Nose board for axminster looms. 2,384,322; Sept. 4.
McCauley, John J., Chicago, Ill. Wall cabinet clothes drier. 2,377,255; May 29.
McCauley, William E., Champaign, Ill., and C. W. Veach, Riverside, Calif., assignors to Board of Trustees of the University of Illinois, Urbana, Ill. Method and machine for vaporizing insecticides and other liquids. 2,390,843; Dec. 11.
McCay, Gadi L., Utica, Miss. Boll weevil exterminating machine. 2,389,677; Nov. 27.
McChesney, Louis P., Cardiff-by-the-Sea, Calif. Cleanout plug means. 2,366,975; Jan. 9.
McClaskey, Charles H., Hamer, Idaho. Airplane tire construction. 2,383,662; Aug. 28.
McClearen, William M., Exeter, Calif. Toilet paper roll holder. 2,369,970; Feb. 20.
McCleary, Lorin D., Indianapolis, Ind. Rotary engine. 2,369,306; Feb. 13.
McCleary, Rush F.: *See*—
Morris, J. R., and McCleary.
Patterson, J. A., and McCleary.
McCleary, Rush F., Beacon, assignor to The Texas Company, New York, N. Y. Mineral oil composition. 2,369,908; Feb. 20.
McCleary, Rush F., Beacon, assignor to The Texas Company, New York, N. Y. Aliphatic-ether-alcohol derivatives of cashew nut shell oil. 2,384,323; Sept. 4.
McCleary, Rush F., Beacon, assignor to The Texas Company, New York, N. Y. Lubricants. 2,389,527; Nov. 20.
McCleary, Rush F., and J. E. Fields, Beacon, assignors to The Texas Company, New York, N. Y. Lubricant. 2,366,539; Jan. 2.
McCleary, Rush F., and J. R. Morris, Beacon, assignors to The Texas Company, New York, N. Y. Composition of matter. 2,380,658; July 31.
McCleave, Lelia C., Webster Groves, Mo., assignor to M. C. McCleave, New York, N. Y. Sanitary mop device. 2,378,644; June 19.
McCleave, Marion C.: *See*—
McCleave, Lelia C., assignor.
McClellan, Cyril E., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Thermionic tube circuits. 2,379,168; June 26.
McClellan, Donald F., and H. Chasen, Boston, Mass. Test meter for magnetos. 2,383,557; Aug. 28.
McClellan, Everett D.: *See*—
Trockle, F. E., McClellan, and Simpson.
McClellan, George B., assignor to Johnson Laboratories, Inc., Chicago, Ill. High-frequency inductance unit. 2,368,857; Feb. 6.
McClellan, Glenn H., Buffalo, N. Y. Mobile traffic control signal device. 2,375,121; May 1.
McClellan, Paul P., Old Greenwich, and W. P. Ericks, Cos Cob, Conn., assignors to American Cyanamid Company, New York, N. Y. Stabilized diazo compounds. 2,369,307; Feb. 13.

McClellan, Paul P., Old Greenwich, and W. P. Bricks, Cos Cob, Conn., assignors to American Cyanamid Company, New York, N. Y. Stabilized ice color compositions. 2,369,308; Feb. 13.
McClellan, Paul P., Old Greenwich, and W. P. Bricks, Cos Cob, Conn., assignors to American Cyanamid Company, New York, N. Y. Stabilized ice color compositions. 2,369,309; Feb. 13.
McClellan, Paul P., Old Greenwich, and W. P. Ericks, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Ice color compositions containing dicyandiamide. 2,375,012; May 1.
McClellan, Raymond H.: *See*—
Linden, C. E., and McClellan.
McClellan, William L.: *See*—
Moon, F. M., and McClellan.
McClelland, William H.: *See*—
Miller, F. M., Shape, and McClelland.
McClenny, Robert J., Palatka, Fla. Peanut or potato digger. 2,388,506; Aug. 28.
McClintic, Robert H.: *See*—
Carlson, George W., assignor.
McClintock, Leslie A.: *See*—
Barthen, C. L., Peterson, and McClintock.
McCloskey, Robert F., Jr., Pittsburgh, and M. C. Knabe, Library, Pa. Building structure. 2,378,567; June 19.
McCloud, John L.: *See*—
McCarroll, R. H., McCloud, and Hanson.
McCloy, Graham S., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. 2,366,635; Jan. 2.
McCloy, Graham S., Springfield, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Refrigeration apparatus. 2,385,525; Sept. 25.
McClung, Murry G., Los Angeles, Calif. Rotary table mounting for vegetable peelers. 2,374,443; Apr. 24.
McClure, Charles A., Chicago, Ill., assignor of one-half to M. A. Sribike. Fountain-type comb. 2,387,924; Oct. 30.
McClure, Ernest C., Wahroonga, New South Wales, Australia, assignor to Powers Accounting Machines Limited, London, England. Multiplying machine. 2,379,169; June 26.
McClure, Glenn T., McKeesport, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake apparatus. 2,379,308; June 26.
McClure, Robert E., Warren, Ohio. Stereoscope. 2,368,480; Jan. 30.
McClure, Robert E., Warren, Ohio. Viewer with magazine feed for color transparencies and the like. 2,377,021; May 29.
McClure, William H., U. S. Navy, and R. B. Cotton, Drexel Hill, Pa. Glider pick-up device. 2,371,635; Mar. 20.
McCollough, William T., assignor to Goodman Manufacturing Company, Chicago, Ill. Cutter chain. 2,374,364; Apr. 24.
McCollum, Henry J. D., Chicago, Ill. Heater. 2,366,416; Jan. 2.
McCollum, Henry J. D., deceased, Chicago, Ill.: T. McCollum, executrix. Automobile heater. 2,373,766; Apr. 17.
McCollum, Henry J. D., deceased, Chicago, Ill.: T. McCollum, executrix. Liquid heater. 2,373,767; Apr. 17.
McCollum, Henry J. D., deceased, Chicago, Ill.: T. McCollum, executrix. Aircraft heating system. 2,374,606; Apr. 24.
McCollum, Henry J. De N., deceased, Chicago, Ill; T. McCollum, executrix. Driving superchargers for airplane cabins. 2,374,607; Apr. 24.
McCollum, Henry J. D., deceased, Chicago, Ill.: T. McCollum, executrix. Heat transfer apparatus. 2,374,608; Apr. 24.
McCollum, Henry J. D., deceased, Chicago, Ill.: T. McCollum, executrix. Heating apparatus. 2,374,609; Apr. 24.
McCollum, Henry J. De N., Chicago, Ill.; T. McCollum executrix of said H. J. De N. McCollum, deceased. Heating apparatus. 2,378,781; June 19.
McCollum, Henry J. De N., deceased, Chicago, Ill.; T. McCollum, executrix. Heating system. 2,379,016; June 26.
McCollum, Henry J. De N., deceased, Chicago, Ill.; T. McCollum, executrix. Heating unit. 2,379,017; June 26.
McCollum, Henry J. De N., deceased, Chicago, Ill.; T. McCollum, executrix. Heater. 2,379,018; June 26.
McCollum, Henry J. De N., deceased, Chicago, Ill.: T. McCollum, executrix. Heater. 2,380,602; July 31.
McCollum, Henry J. De N., deceased, Chicago, Ill.; T. McCollum, executrix. Aircraft heating system. 2,382,493; Aug. 14.
McCollum, Henry J. De N., Chicago, Ill., deceased; T. McCollum, executrix. Heating apparatus. 2,385,096; Sept. 18.
McCollum, Henry J. De N., deceased, Chicago, Ill.; T. McCollum, executrix. Stereoscopic television apparatus. 2,388,170; Oct. 30.
McCollum, Henry J. De N., deceased, Chicago, Ill.; T. McCollum, executrix. 2,390,380; Dec. 4.
McCollum, Thelma, executrix: *See*—
McCollum, Henry J. D.
McCollum, Henry J. De N.
McComb, James R., Waynesboro, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dry spinning apparatus. 2,366,275; Jan. 2.
McCombs, Melvorne J., assignor to The Buckeye Tools Corporation, Dayton, Ohio. Chuck. 2,368,858; Feb. 6.
McConaghy, James W., Phillipsburg, N. J., assignor to Ingersoll-Rand Company, New York, N. Y. Sealing device. 2,389,528; Nov. 20.
McConica, Thomas H., III: *See*—
Kirk, R. C., Nelson, and McConica.
McConica, Thomas H., III, assignor to The Dow Chemical Company, Midland, Mich. Producing magnesium. 2,391,727; Dec. 25.
McConica, Thomas H., III, A. A. MacPhail, and R. C. Kirk, assignors to The Dow Chemical Company, Midland, Mich. Production of alkali metals. 2,391,728; Dec. 25.
McConkle, Charles C., Omaha, Nebr. Forced draft conveyer. 2,381,762; Aug. 7.
McConnell, Allan M., Beverly Hills, and W. E. Braham, North Hollywood, assignors to Lockheed Aircraft Corporation, Burbank, Calif. Transparent canopy mounting. 2,367,035; Jan. 9.
McConnell, Andrew J., Albany, N. Y., assignor to General Electric Company. Protective system. 2,383,329; Aug. 21.
McConnell, Andrew J., Albany, N. Y., assignor to General Electric Company. Protection of electric systems. 2,385,219; Sept. 18.
McConnell, Ralph S., Norfolk, Va. Knockdown hogshead. 2,375,122; May 1.
McConnell, Ralph S., Portsmouth, Va. Collapsible box. 2,375,123; May 1.
McConnell, Robert A., Belmont, Mass. Determining the surface electrical resistance of conducting sheets. 2,371,636; Mar. 20.
McConnell, Samuel V.: *See*—
Simpkins, Carl R., assignor.
McConnell, William M., McKeesport, assignor to Mackintosh-Hemphill Company, Pittsburgh, Pa. Tailstock lock. 2,368,032; Jan. 23.
McConnell, William M., McKeesport, assignor to Mackintosh-Hemphill Company, Pittsburgh, Pa. Engine lathe. 2,368,150; Jan. 30.
McConnell, William M., McKeesport, assignor to Mackintosh-Hemphill Company, Pittsburgh, Pa. Lathe carriage drive. 2,368,151; Jan. 30.
McConway & Torley Corporation: *See*—
Leppla, Rudolph, assignor.
McCool, William A., Washington, D. C. Automatic control for locked oscillators. 2,377,894; June 12.
McCord, Andrew T., and H. F. Saunders, Haddonfield, N. J., assignors to The Sherwin-Williams Company, Cleveland, Ohio. Preparation of pigmentary materials. 2,379,019; June 26.
McCord Corporation: *See*—
Gardes, Alfred W., assignor.
McCorkle, Miles R.: *See*—
Ralston, A. W., Barrett, and McCorkle.
McCormack, Alex A., assignor to General Motors Corporation, Dayton, Ohio. Manufacturing shaft seal assemblies. 2,382,245; Aug. 14.
McCormack, Alex A., assignor to General Motors Corporation, Dayton, Ohio. Electrical appliance. 2,389,446; Nov. 20.
McCormack, Alex A., assignor to General Motors Corporation, Dayton, Ohio. Pipe coupling. 2,390,892; Dec. 11.
McCormack, J. W., Kansas City, Mo. Coaster cycle. 2,370,477; Feb. 27.
McCormic, Joseph A., Jr., Forest Park, assignor to Dearborn Glass Company, Chicago, Ill. Separating glass sheets and the like. 2,378,091; June 12.
McCormick, Francis H., Oakwood, assignor to General Motors Corporation, Dayton, Ohio. Domestic appliance. 2,378,421; June 19.
McCormick, George, Redwood City, and B. M. Brown, Palo Alto, Calif. Fire door frame. 2,387,523; Oct. 23.
McCormick, James A., Kalamazoo, Mich., assignor to Fruit & Produce Packing, Inc., Indianapolis, Ind. Shipping and display, high pack container. 2,382,891; Aug. 14.
McCormick, Joseph A., Jr., Forest Park, Ill., assignor to Dearborn Glass Company, Chicago, Ill. Separating glass sheets and the like. 2,372,215; Mar. 27.
McCormick, Paul A., San Diego, Calif. Steam pump. 2,381,298; Aug. 7.
McCorquodale, Wilmer E., Jr., Ardentown, Del., assignor to Sun Oil Company, Philadelphia, Pa. Purification of naphthenic acids. 2,391,729; Dec. 25.
McCoy, Charles W., Ontario, Calif. Ignition analyzer. 2,381,609; Aug. 7.
McCoy, Claudius T., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. High-frequency transformer. 2,375,309; May 8.
McCoy, Curtiss J., Indianapolis, Ind. Toy structure. 2,375,425; May 8.
McCoy, Frederic C., and C. C. Towne, Beacon, assignors to The Texas Company, New York, N. Y. Lubricating oil manufacture. 2,367,362; Jan. 16.
McCoy, Howard M., Fairfield, Ohio. Electrical jack. 2,366,739; Jan. 9.
McCoy, Howard M., Fairfield, Ohio. Controllable pitch-change mechanism for dual rotation propellers. 2,367,230; Jan. 16.

McCoy, Howard M., Fairfield, Ohio. Multiple stage means for changing pitch of aircraft propeller blades. 2,370,675; Mar. 6.
McCoy, Howard M., Patterson Field, Ohio. Mechanism and controls for controllable aircraft propellers. 2,378,938; June 26.
McCoy, Howard M., Fairfield, Ohio. Mechanism and control for controllable aircraft propellers. 2,388,276; Nov. 6.
McCoy, Howard M., Fairfield, Ohio. Controllable pitch change mechanism for dual rotation propellers. 2,389,161; Nov. 20.
McCoy, Howard M., Fairfield, Ohio. Torque amplifier. 2,390,547; Dec. 11.
McCoy, James P. A., assignor of one-half to Milwaukee Tool & Die Company, Milwaukee, Wis. Granulating metals. 2,380,253; July 10.
McCoy, James P. A., assignor of one-half to Milwaukee Tool & Die Company, Milwaukee, Wis. Detinning. 2,386,970; Oct. 16.
McCoy, Robert E., Portland, Oreg. Space discharge device. 2,376,707; May 22.
McCoy, Thomas A., Oakland, Calif. Wire stitching machine. 2,376,159; May 15.
McCracken, John H.: *See*—
Nygaard, E. M., and McCracken.
Nygaard, E. M., McCracken, and Noland.
McCracken, John H., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Diesel fuel. 2,387,279; Oct. 23.
McCracken, John H., and E. M. Nygaard, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Diesel fuel. 2,387,403; Oct. 23.
McCracken, William L.: *See*—
Dinley, C. F., and McCracken.
McCready, Rolland M.: *See*—
Linewearer, H., and McCready.
McCreary, Bryan L., et al.: *See*—
Gearhart, Roy E., assignor.
McCreary, Harold J., Lombard, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Rectifier for change-over work. 2,378,311; June 12.
McCreary, Harold J., Lombard, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Inductive device. 2,381,763; Aug. 7.
McCreary, Richard E., et al.: *See*—
Gearhart, Roy E., assignor.
McCreery, Benjamin F., Glens Falls, N. Y. Method and mechanism for treating filaments or fibers. 2,273,768; Apr. 17.
McCreery, Cecil W.: *See*—
Louden, H. M., and McCreery.
McCrery, Harold E., Oakwood, Ohio, assignor to Plyfiber Container Corporation, Garwood, N. J. Fibrous container. 2,388,277; Nov. 6.
McCrosky, Robert D., Richmond, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Yarn forwarding apparatus. 2,370,180; Feb. 27.
McCue, James H. Pasadena, Calif. Cooling element. 2,378,645; June 19.
McCulley, Faye M.: *See*—
Weeks, Elmer T.
McCulloch, Charles E.: *See*—
Primrose, John, assignor.
McCulloch, Karl M.: *See*—
McCulloch, William E., assignor.
McCulloch, Leon, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Apparatus for separating gases from liquids. 2,376,794; May 22.
McCulloch, Leon, Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Hygrometer. 2,381,299; Aug. 7.
McCulloch, Leon, Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electrical insulation. 2,389,379; Nov. 20.
McCulloch, Leon, Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Drying agents or desiccants. 2,389,380; Nov. 20.
McCulloch, Thomas B.: *See*—
Singleton, H. M., and McCulloch.
McCulloch, Thomas B., Baytown, Tex., assignor to Standard Oil Development Company. Recovery of aluminum chloride. 2,377,090; May 29.
McCulloch, Thomas B., Baytown, Tex., assignor to Standard Oil Development Company. Inhibiting hydrochloric acid against corrosiveness to ferrous metals. 2,380,254; July 10.
McCulloch, William E., assignor of one-half to K. M. McCulloch, Des Moines, Iowa. Tool for loosening tires. 2,367,638; Jan. 16.
McCullough, Francis J., Chicago, Ill. Liquid temperature vat. 2,388,003; Oct. 30.
McCullough, Frank, and E. Gray, Fort Smith, Ark. Machine for reshaping bottle caps. 2,387,673; Oct. 23.
McCullough, Jack A.: *See*—
Eitel, W. W., and McCullough
McCullough, James H.: *See*—
Leum, L. N., Birkhimer, and McCullough.
McCullough, Paul J., assignor to J. Pavelka, St. Louis, Mo. Coffee maker. 2,388,335; Nov. 6.
McCullough Tool Company: *See*—
Bender, John C., assignor.
McCurdy, Clifford H., Detroit, Mich. Partition structure for trucks. 2,390,606; Dec. 11.
McCutchan, Helen, Detroit, Mich. Cookbook holder. 2,386,131; Oct. 2
McCutcheon, David C., Brooklyn, N. Y. Pipe. 2,370,676; Mar. 6.
McDaniel, Ernest C., Denver, Colo. Front truck for trailers. 2,379,170; June 26.
McDaniel, Harry L., Mosquero, N. Mex. Envelope opener, paper cutter, and punch. 2,386,329; Oct. 9.
McDaniel, Lucien L., and F. E. Deems, Birmingham, Ala., assignors to Continental Gin Company. Cotton cleaner. 2,384,383; Sept. 4.
McDavitt, Marcellus B., Hartsdale, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Automatic toll ticketing system. 2,389,062; Feb. 6.
McDermott, Bernard A., Akron, assignor to The Sun Rubber Company, Barberton, Ohio. Inflating valve for hollow articles. 2,387,455; Oct. 23.
McDermott, Eugene, Dallas, Tex. Prospecting for buried deposits. 2,367,592; Jan. 16.
McDermott, Eugene, Dallas, Tex. Prospecting for buried deposits. 2,371,637; Mar. 20.
McDermott, Eugene, assignor to Geophysical Service Incorporated, Dallas, Tex. Seismic detector system. 2,375,570; May 8.
McDermott, Henry J.: *See*—
Stanley, R. W., and McDermott.
McDermott, Henry J., Prospect Park, Pa., assignor to American Viscose Corporation, Wilmington, Del. Thread-advancing reel. 2,386,249; Oct. 9.
McDermott, Henry J., Prospect Park, Pa., assignor to American Viscose Corporation, Wilmington, Del. Godet. 2,388,068; Oct. 30.
McDermott, Henry J., Prospect Park, and H. P. Fry, Jr., Swarthmore, Pa., assignors to American Viscose Corporation, Wilmington, Del. Apparatus for preparing yarn and thread packages for liquid treatment. 2,371,638; Mar. 20.
McDermott, Paul F., Martinsville, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Filter unit and making the same. 2,383,046; Aug. 21
McDevitt, James E., Brooklyn, N. Y. Aircraft. 2,380,535; July 31.
McDill, Rex D., assignor to Thompson Products, Inc., Cleveland, Ohio. Evacuated coolant containing valve. 2,369,063; Feb. 6.
McDonald Aircraft Corporation: *See*—
Tauser, Charles H., assignor.
McDonald, B. F., Company: *See*—
Lewis, Howard B., assignor.
McDonald, Eugene F., Jr., Chicago, Ill. Radio control system and multiple circuit switch. 2,374,873; May 1.
McDonald, Harley H., San Francisco, Calif. Hair curl clip. 2,375,935; May 15.
McDonald, Hector M., Meeniyan, Gippsland, Australia. Apparatus for filling containers with milk and other liquids. 2,380,771; July 31.
McDonald, James, assignor of one half to G. W. B. Electric Furnaces Limited, Dudley, England. Furnace. 2,376,548; May 22.
McDonald, John C.: *See*—
Diehl, H. A., and McDonald.
McDonald, John C., assignor to The Dow Chemical Company. Midland, Mich. Magnesium base alloy. 2,371,531; Mar. 13.
McDonald, Joseph S., and W. E. A. Ruska, Houston, Tex. Controlling device for well tools. 2,387,456; Oct. 23.
McDonald, Louis E., Houston, Tex., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Resolving water-in-oil emulsions. 2,377,565; June 5.
McDonnell Aircraft Corporation: *See*—
Marschner, Charles F., assignor.
Marschner, C. F., and Bryan, assignors.
Utsch, Albert, assignor.
McDonnell, Aloysius S., Chicago, Ill. Device wherewith to set the points of beam-compasses and the like. 2,370,741; Mar. 6.
McDonnell, Arthur E., Memphis, Tenn. Fire escape. 2,390,955; Dec. 11.
McDonnell, Everett N.: *See*—
Kmiecik, L. J., assignor.
McDonough, Charles J., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Variable condenser. 2,380,603; July 31.
McDonough, Everett G.: *See*—
Evans, R. L., and McDonough.
McDougal, Taine G., Flint, Mich. Making fluid discharge nozzles. 2,371,532; Mar. 13.
McDougal, Taine G., Flint, Mich. Fluid discharge nozzle. 2,371,533; Mar. 13.
McDougal, Taine G., Flint, assignor to General Motors Corporation, Detroit, Mich. Processing machine. 2,380,659; July 31.
McDow, Everett E., Wilmette, assignor to Antiseptol Company, Inc., Chicago, Ill. Dispensing apparatus. 2,387,945; Oct. 30.
McDowell Manufacturing Company: *See*—
Shera, John W., assignor.
McDowell, Wendell H.: *See*—
Minak, L. M., Weyerts, and McDowell.
McDunnah, Frederick A., Hampton Falls, N. H. Cleat attachment. 2,374,444; Apr. 24.

McEachern, Irvin D., Petersburg, Tex. Fuselage harvester. Re. 22,697; Nov. 27.
McElhannon, Raymond J., Flushing, N. Y. Radio scanning system. 2,380,981; Aug. 7.
McElhinney, Eric M., Dysart, Iowa. Coupler device. 2,384,185; Sept. 4.
McElhinney, Eric M., Dysart, Iowa. Coupling device. 2,386,053; Oct. 2.
McElhoe, Calvin B., Detroit, Mich., and G. W. Swartz, assignors to Hart-Carter Company, Peoria, Ill. Pick-up. 2,388,212; Oct. 30.
McElmurray, William R., Frankfort, Ky. Starting device for outboard motors. 2,386,703; Oct. 9.
McElroy, Wilbur R.: *See*—
Hass, H. B., and McElroy.
McEwen, John D., Pasadena, Calif., assignor, by mesne assignments, to The International Derrick & Equipment Company, Columbus, Ohio. Well derrick substructure. 2,377,705; June 5.
McEwen, Norman S., Fort Lauderdale, Fla. Rivet cutter. 2,391,637; Dec. 25.
McEwen, Robert L., Williamsville, assignor to Buffalo Electro-Chemical Company, Inc., Tonawanda, N. Y. Bleaching fibers. 2,366,740; Jan. 9.
McFadden, Benjamin C., assignor to Aluminum Company of America, Pittsburgh, Pa. Extrusion. 2,366,344; Jan. 2.
McFadden, James B., assignor to United Dairy Equipment Company, West Chester, Pa. Homogenizer. 2,380,856; July 31.
McFadden, James B., assignor to United Dairy Equipment Company, West Chester, Pa. Homogenizer. 2,380,857; July 31.
McFall, Thurlow E., Sparta, and O. G. Norton, Muskegon, Mich., assignors, by mesne assignments, to The Perfect Circle Company, Hagerstown, Ind. Piston ring structure. 2,387,084; Oct. 16.
McFarland, Alice M., Cincinnati, Ohio. X-ray of flowers and the like. 2,379,814; July 3.
McFarland, Edwin J., Vulcan, Alberta, Canada. Combined pump and rotary engine. 2,374,445; Apr. 24.
McFarland, Forest R., Huntington Woods, assignor to Packard Motor Car Company, Detroit, Mich. Vibration damper. 2,380,770; July 31.
McFarland, Forest R., Huntington Woods, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,382,246; Aug. 14.
McFarland, Forest R., Huntington Woods, assignor to Packard Motor Car Company, Detroit, Mich. Vibration damper. 2,383,400; Aug. 21.
McFarland, George L., Jr., Scotia, N. Y., assignor to General Electric Company. Apparatus for charging and sealing tubular containers. 2,381,764; Aug. 7.
McFarland, Silas E., Chicago, Ill. Electrically actuated gun mount. 2,377,091; May 29.
McFarlane, Marguerite, New York, N. Y. Garment closure. 2,379,815; July 3.
McFee, James: *See*—
McNamara, W. L., and McFee.
McGaffey, Edgar W., Bakersfield, assignor of forty-five per cent to C. C. Taylor, Long Beach, and ten per cent to D. W. Ward, Huntington Park, Calif. Well packer. 2,390,112; Dec. 4.
McGarry, John T., and H. A. Eads, Cincinnati, Ohio; said Eads assignor to said McGarry. Water service device. 2,368,993; Feb. 6.
McGarry, John T., and H. A. Eads, Cincinnati, Ohio; said Eads assignor to said McGarry. Railway water column. 2,368,994; Feb. 6.
McGarvey, Harold J., assignor to Colonial Radio Corporation, Buffalo, N. Y. Tuning mechanism for radio receivers and the like. 2,372,099; Mar. 20.
McGarvey, Patrick J., Floral Park, N. Y. Angle gauge and cutting tool. 2,386,330; Oct. 9.
McGavock, Hugh K.: *See*—
McWane, H. E., and McGavock.
McGeary, Frank M.: *See*—
Werkenthin, T. A., and McGeary.
McGeary, Frank M., Washington, D. C., and T. A. Werkenthin, Arlington, Va. Nonsparking deck tread. 2,373,698; Apr. 17.
McGee, Paul L.: *See*—
Buchan, R. C., and McGee.
McGee, William N., Seattle, Wash. Projectile. 2,386,054; Oct. 2.
McGehee, Ira E., Crosby, Tex. Trailer. 2,368,936; Feb. 6.
McGeorge, Walter, Kingston Hill, and F. H. Milner, Twickenham, England. Preparation of a mixture containing sodium bicarbonate. 2,378,147; June 12.
McGeorge, Walter, Kingston Hill, and F. H. Milner, Twickenham, assignors to MacLeans Limited, Brentford, England. Manufacture of sodium bicarbonate. 2,369,475; Feb. 13.
McGihon, Leonard, San Leandro, assignor to The Schwarz Engineering Company, Inc., San Francisco, Calif. Extractor. 2,389,862; Nov. 27.
McGill, Daniel F., Multnomah County, assignor to D. W. Green, Portland, Oreg. Fluid transmission mechanism. 2,369,835; Feb. 20.
McGill, George E., Pontiac, assignor to General Motors Corporation, Detroit, Mich. Headlight circuit. 2,377,706; June 5.
McGill, James W., Maryville, Tenn., assignor to Aluminum Company of America, Pittsburgh, Pa. Metal transfer. 2,371,456; Mar. 13.
McGill Manufacturing Company: *See*—
Popp, Rudolf, assignor.
McGill Metal Products Corporation: *See*—
Stilson, Herbert A., assignor.
McGillicuddy, Addeline J., assignor of one-half to G. A. Kjosness, Spokane, Wash., and one-fifth to B. H. Levenson, Washington, D. C. Low temperature resistant resin composition and making same. 2,373,699; Apr. 17.
McGillin, Howard O., and J. P. Vollrath, assignors to The Brown Instrument Company, Philadelphia, Pa. Measuring and control instrument. 2,368,937; Feb. 6.
McGivern, Paul V., Tulsa, and J. Chastain, Oklahoma City, Okla., assignors to Baker Oil Tools, Inc., Los Angeles, Calif. Well cementing apparatus. 2,368,419; Jan. 30.
McGlone, Ronald A.: *See*—
Holmen, R. E., and McGlone.
McGoldrick, Raymond T., and L. B. Tuckerman, Washington, D. C. Counting apparatus. 2,378,422; June 19.
McGoldrick, William J., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Supervisory apparatus. 2,373,255; Apr. 10.
McGough, Charles A., Jr.: *See*—
Halliman, E. B., Weaver, and McGough.
McGoury, Thomas E.: *See*—
Haney, C. L., Martin, and McGoury.
McGovern, Anthony, Cleveland, Ohio. Fulcrumed fork. 2,375,857; May 15.
McGowan, Mary Gertrude, Fall River, Mass. Teaching device. 2,386,624; Oct. 9.
McGrath, Arthur C., Chicago, Ill. Keylock conditioner. 2,371,534; Mar. 13.
McGrath, William L., Philadelphia, Pa., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Air conditioning system. 2,372,839; Apr. 3.
McGrath, William L., and M. P. Whitney, Elmira, N. Y., assignors to Bendix Aviation Corporation, South Bend, Ind. Mechanical time fuse. 2,369,310; Feb. 13.
McGraw Colorgraph Company: *See*—
Ball, J. A., and Plotin.
McGraw Electric Company: *See*—
Biebel, Herman M., assignor.
Duerkob, Manfred F., assignor.
Olving, Bror G., assignor.
Osterheld, Clark M., assignor.
Scharf, Frank W., assignor.
Willman, Philip E., assignor.
McGraw, Max, et al.: *See*—
Ball, J. A., and Plotin, assignors.
McGreal, Martin: *See*—
Niederl, J. B., V., and McGreal
McGreevy, James P.: *See*—
Pischel, A., and McGreevy.
McGregor, Rob R., Swissvale, and E. L. Warrick, Westview, Pa., assignors to Corning Glass Works, Corning, N. Y. Organo silicon polymers and making them. 2,375,998; May 15.
McGregor, Rob R., Swissvale, and E. L. Warrick, Westview, Pa., assignors to Corning Glass Works, Corning, N. Y. Dialkylated silicon esters and making them. 2,380,057; July 10.
McGregor, Rob R., Verona, and E. L. Warrick, Pittsburgh, Pa., assignors to Corning Glass Works, Corning, N. Y. Methyl silicon polymers and preparation. 2,382,082; Aug. 14.
McGregor, Rob R., Verona, and E. L. Warrick, Pittsburgh, Pa., assignors to Corning Glass Works, Corning, N. Y. Polymeric silicone and making it. 2,384,384; Sept. 4.
McGregor, Rob R., Verona, and E. L. Warrick, Pittsburgh, Pa., assignors to Corning Glass Works, Corning, N. Y. Preparation of trimethylsilicon chloride. 2,386,488; Oct. 9.
McGregor, Rob Roy, Verona, and E. L. Warrick, Pittsburgh, Pa., assignors to Corning Glass Works, Corning, N. Y. Stabilizing organo-siloxanes. 2,389,802; Nov. 27.
McGregor, Rob Roy, Verona, and E. L. Warrick, Pittsburgh, Pa., assignors to Corning Glass Works, Corning, N. Y. Stabilizing organo-siloxanes. 2,389,803; Nov. 27.
McGregor, Rob Roy, Verona, and E. L. Warrick, Pittsburgh, Pa., assignors to Corning Glass Works, Corning, N. Y. Stabilizing organo-siloxanes. 2,389,804; Nov. 27.
McGregor, Rob Roy, Verona, and E. L. Warrick, Pittsburgh, Pa., assignors to Corning Glass Works, Corning, N. Y. Stabilizing organo-siloxanes. 2,389,805; Nov. 27.
McGregor, Rob Roy, Verona, and E. L. Warrick, Pittsburgh, Pa., assignors to Corning Glass Works, Corning, N. Y. Stabilizing organo-siloxanes. 2,389,806; Nov. 27.
McGregor, Rob Roy, Verona, and E. L. Warrick, Pittsburgh, Pa., assignors to Corning Glass Works, Corning, N. Y. Stabilizing organo-siloxanes. 2,389,807; Nov. 27.
McGrew, Edwin H., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,377,092; May 29.
McGrew, Edwin H., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,377,093; May 29.

McGrory, William L., G. H. Pemberton, and M. G. Marinetti, East Providence, R. I. Antislipping attachment for crutches. 2,371,246; Mar. 13.
McGuffin, Harry H., Dorset, Vt. Safety razor of the dry shaver type. 2,371,535; Mar. 13.
McGuigan, William D., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Shielded loop antenna. 2,391,026; Dec. 18.
McGuinness, Edward J., Newark, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Cleaning apparatus. 2,382,992; Aug. 14.
McGuire, Cecil E., Douglas, Ariz. Aircraft. 2,383,139; Aug. 21.
McGurl, Gilbert V.: *See*— Lohr, F. D., and McGurl.
McHargue, James P.: *See*— Goode, Bruce, assignor.
McHarness, Robert C.: *See*— Downing, F. B., Benning, and McHarness
McHenry, Irving, River Forest, Ill., assignor to Mid-States Gummed Paper Co., Chicago, Ill. Preparing water-resistant containers. 2,391,791; Dec. 25.
McIlvaine, Alexander, New York, N. Y. Safety ski binding. 2,373,128; Apr. 10.
McIlvaine Burner Corporation: *See*— McIlvaine, John H., assignor.
McIlvaine, John H., Philadelphia, Pa., assignor to McIlvaine Burner Corporation, Chicago, Ill. Oil burner and regulator therefor. 2,387,280; Oct. 23.
McIlvaine, Oran T., St. Charles, Ill. Burner control system. 2,371,067; Mar. 6.
McIlvried, Edwin J., Akron, and N. H. Nye, assignors to The Vaughan Machinery Company, Cuyahoga Falls, Ohio. Drawbench. 2,367,793; Jan. 23.
McIlwrick, James, and O. Desjardins, Hamilton, Ontario, Canada. Charging bucket for electric furnaces and the like. 2,387,457; Oct. 23.
McInerney Spring & Wire Company: *See*— Brown, Edward H., assignor.
McInnes, Colin, Jr., U. S. Army, Beaver, Pa. Multiple signal discharger. 2,389,162; Nov. 20.
McInnis, George J.: *See*— Gordineer, P. J., and McInnis.
McIntosh, Maurice D., Cleveland Heights, assignor to L. S. Sanders, Shaker Heights, Ohio. Media for use in making camera copy and preparing same. 2,379,915; July 10.
McIntosh, Robert R., Battle Creek, Mich. Apparatus for controlling draft. 2,377,895; June 12.
McIntosh, Robert R., Battle Creek, Mich. Method and apparatus for draft control. 2,379,916; July 10.
McIntosh, Samuel F., Scarsdale, N. Y. Joint for structural framework. 2,374,550; Apr. 24.
McIntyre, Frederick W., assignor to Reed-Prentice Corporation, Worcester, Mass. Feed for plastic molding machines. 2,380,536; July 31.
McIntyre, James D., Crystal River, Fla. Cleat turner and grading table. 2,387,674; Oct. 23.
McIver, William K., Fort Wayne, Ind., assignor to General Electric Company. Alternating current vernier motor. 2,379,732; July 3.
McJimsey, John E., Larkspur, Calif. Garage door holder. 2,388,490; Nov. 6.
McKaba, Edward, Brooklyn, N. Y. Hyperbolic curve plotting apparatus. 2,385,827; Oct. 2.
McKay, Albert R., Portland, Ore. Coin weight tester. 2,370,869; Mar. 6.
McKay, Augusta P., assignor to Rome Plow Company, Cedartown, Ga. Agricultural implement. Re. 22,627; Apr. 3.
McKay, James R., White Plains, N. Y. Demountable back rest for divan-bed combination. 2,368,938; Feb. 6.
McKay, Lester C., Elmwood Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Liquid sprayer. 2,372,678; Apr. 3.
McKay Machine Company, The: *See*— Johnston, Dwight A., assignor.
McKay, Neil H., Washington, D. C. Ammunition pack arge. 2,374,222; Apr. 24.
McKay, William R., Compton, assignor of one-half to H. F. and H. N. Langlois, Los Angeles, Calif. Fluid clutch. 2,380,660; July 31.
McKeague, James J., Chicago, Ill. Safety device. 2,370,870; Mar. 6.
McKee, Chester W.: *See*— Frickey, R. E., and McKee.
McKee, Garnet W., deceased, Rockford, Ill.; L. B. McKee, executrix, assignor to herself. Lathe. 2,369,904; Feb. 20.
McKee, George K., Cincinnati, Ohio, assignor to The Avey Drilling Machine Company, Covington, Ky. Machine tool. 2,374,574; May 1.
McKee, George K., and G. E. Teimpidis, Cincinnati, Ohio, assignor to The Avey Drilling Machine Company, Covington, Ky. Machine tool. 2,367,503; Jan. 16.
McKee, Harry A., Washington, Pa. Friction drive. 2,388,491; Nov. 6.
McKee, Lulu B., executrix: *See*— McKee, Garnet W.
McKee, Mattie E., et al.: *See*— Mallonee, James W., assignor.
McKee, Ralph H., New York, N. Y. Manufacture of cellulose nitrate. 2,377,435; June 5.
McKee, Ralph W.: *See*— Doisy, E. A., MacCorquodale, Thayer, Binkley, and McKee.
McKeen, Martha, Easton, Pa. Envelope construction. 2,374,026; Apr. 17.
McKeever, Charles H.: *See*— Spence, Le R. U., and McKeever.
McKellar, Archibald D., Park Ridge, Ill. Carrier. 2,386,489; Oct. 9.
McKenna, James F.: *See*— Olin, J. F., and McKenna.
McKenna, George W.: *See*— Traver, O. C., and McKenna.
McKenney, James F., Pittsfield, Mass., assignor to General Electric Company. Electric switching system. 2,391,256; Dec. 18.
McKenzie, Wendell R.: *See*— Tarwater, L., and McKenzie.
McKeown, John L., Winnetka, Ill. Cable thimble and clamp. 2,381,357; Aug. 7.
McKim, Burton, East Orange, N. J., and O. Myers, Mount Vernon, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,382,893; Aug. 14.
McKinley, Ashley C., Huntington, assignor to McKinley Pneumatic Floats, Inc., Garden City, Long Island, N. Y. Pneumatic flotation gear. 2,391,326; Dec. 18.
McKinley, Benjamin P., assignor to McKinley Mockenhaupt Co., Chicago, Ill. Electrically heated device. 2,391,065; Dec. 18.
McKinley, John S.: *See*— Bell, W. I., and McKinley.
McKinley Mockenhaupt Co.: *See*— McKinley, Benjamin P., assignor.
McKinley, Orman O.: *See*— Spickelmier, E., Long, McKinley, and Day.
McKinley Pneumatic Floats, Inc.: *See*— McKinley, Ashley C., assignor.
McKinney, Edgar L., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Reflector. 2,375,669; May 8.
McKinney, Edgar L., and J. J. Banta, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Apparatus for gauging and straightening. 2,389,206; Nov. 20.
McKinney, Robert M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Treating titanium oxide pigments. 2,378,148; June 12.
McKinney, Corlus H., Carbondale, assignor to Walter E. Ackermann, Belleville, Ill. Apparatus for making coke. 2,384,184; Sept. 4.
McKinnie, William P., Kenmore, N. Y., assignor to Curtiss-Wright Corporation. Engine nacelle. 2,372,905; Apr. 3.
McKinnis, Art C., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Separation of hydrocarbons. 2,388,429; Nov. 6.
McKinnis, Ronald B., Winter Haven, Fla. Apparatus for introducing liquids into containers. 2,377,796; June 5.
McKinnis, Ronald B., Winter Haven, Fla. System for controlling the flow of liquid into containers. 2,389,268; Nov. 20.
McKinnis, Ronald B., Winter Haven, Fla. Apparatus for filling containers. 2,390,443; Dec. 4.
McKinsey, Mark H.: *See*— Fitting, R. U., Jr., and McKinsey.
McKissick, William H.: *See*— McKissick, W. H., and Fate, assignors.
McKissick, William H., and J. E. Fate, Jr., Tulsa, Okla., assignors, by mesne assignments, to W. H. McKissick. Snatch block. 2,366,636; Jan. 2.
McKnight, Lynn B., assignor to Chain Belt Company, Milwaukee, Wis. Idler roll for belt conveyers. 2,391,178; Dec. 18.
McKnight, William H.: *See*— Powell, G. M., III, and McKnight.
McKnight, William M., Butler, Pa. Interlocking sealing device. 2,367,882; Jan. 23.
McLachlan, Dan, Jr., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Medical x-ray radiography for locating embedded materials. 2,387,597; Oct. 23.
McLachlan, Dan, Jr., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. X-ray radiography of inclusions. 2,387,704; Oct. 23.
McLain Fire Brick Company, The: *See*— Blewett, John B., assignor.
McLain, William R., F. V. Miller, and E. H. Green, Huntsville, Ala. Distributing insecticides. 2,385,636; Sept. 25.
McLane, Samuel F.: *See*— McLane, Virgie F. and S. F.
McLane, Virgie F. and S. F., assignors to Southern Loom Reed Manufacturing Company, Inc., Gaffney, S. C. Loom reed. 2,383,140; Aug. 21.
McLaren, Ian, New York, N. Y. Bubble forming device. 2,382,949; Aug. 14.
McLaren, Peter J.: *See*— Maxson, W. L., McLaren, and Green.
McLaren, Ernest S., Manhasset, assignor to International Standard Electric Corporation, New York, N. Y. Cord connector for telephone instruments. 2,367,298; Jan. 16.

McLaren, Ernest S., Manhasset, N. Y., and F. A. Leibe, Quakertown, Pa., assignors to International Standard Electric Corporation, New York, N. Y. Magnetic signal. 2,367,299; Jan. 16.
McLarty, Frank W., Vernon, Tex. Amphibian vehicle. 2,386,132; Oct. 2.
McLauchlan, Arthur B., Salem, Oreg. Machine for sealing waxed paper bags. 2,385,583; Sept. 25.
McLaughlin, John C., Duluth, Minn. Lifting jack. 2,388,004; Oct. 30.
McLaughlin, F. L.: *See*— Burke, James P., assignor.
McLaughlin, Frederick D., Shaker Heights, assignor to The Chandler & Price Company, Cleveland, Ohio. Paper-cutting machine. 2,379,171; June 26.
McLaughlin, Robert W., Jr., Bedford Village, assignor to American Houses, Inc., New York, N. Y. Chimney construction. 2,381,548; Aug. 7.
McLaughlin, Robert W., Jr., Bedford Village, assignor to American Houses, Inc., New York, N. Y. Building construction unit. 2,389,863; Nov. 27.
McLean, David A., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical condenser and dielectric element. 2,391,686; Dec. 25.
McLean, David A., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Stabilization of electric condensers. 2,391,687; Dec. 25.
McLean, David A., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Manufacture of electrical condensers. 2,391,688; Dec. 25.
McLean, John A., Edmonton, Alberta, Canada. Bicycle. 2,383,000; Aug. 21.
McLean, John A., Jr., Springfield, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Propeller type fan. 2,390,804; Dec. 11.
McLean, Leland O., and F. L. White, assignors to The Osgood Company, Marion, Ohio. Pressure fluid clutch 2,370,360; Feb. 27.
McLean, Philip S.: *See*— Brown, William F., assignor.
McLean, Robert E., Fort Benning, Ga. Rotary type can opener. 2,386,490; Oct. 9.
McLean, William A., assignor to Geneva Processes, Inc., Geneva, N. Y. Emulsifying mill. 2,370,978; Mar. 6.
McLellan, Kenneth M., assignor to Industrial Rayon Corporation, Cleveland, Ohio. Thread guide. 2,385,097; Sept. 18.
McLellan, Kenneth M., Lakewood, assignor to Industrial Rayon Corporation, Cleveland, Ohio. Balloon girdle. 2,386,704; Oct. 9.
McLemore, Price C., Montgomery, Ala. Flame cultivation of plants. 2,369,154; Feb. 13.
McLemore, Price C., Montgomery, Ala., and V. Knudsen, Honolulu, Territory of Hawaii, said Knudsen assignor to Atherton Richards, Washington, D. C. Apparatus for flame cultivation of plants. 2,391,027; Dec. 18.
McLennan, Alexander, Norwood, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Reversible single-phase motor. 2,389,381; Nov. 20.
McLeod, John H.: *See*— Turner, J. R., McLeod, and Bullock.
McLeod, Stewart B., Detroit, assignor to Motor State Products Company, Ypsilanti, Mich. Hydraulic lift mechanism. 2,388,755; Nov. 13.
McLoughlin, Arthur J., Elmhurst, N. Y. Window structure. 2,375,013; May 1.
McLoughlin, George H., Scranton, Pa., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Telephone switch or telephone contact. 2,384,948; Sept. 18.
McLoughlin, Harold F., Shenstone, near Lichfield, W. E. Hill, Streetly, and R. W. Morgan and T. D. G. Wintle; said McLoughlin assignor to J. A. Crabtree & Co. Limited, Walsall, Stafford County, England. Electrical wiring system. 2,382,647; Aug. 14.
McLucas, William, Glasgow, Scotland, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Needle scouring and polishing machine. 2,380,058; July 10.
McMahan, Kenton D., Scotia, N. Y., assignor to General Electric Company. Centrifugal compressor. 2,380,772; July 31.
McMahon, Jerome B., Wilmette, assignor to Republic Flow Meters Company, Chicago, Ill. Control apparatus. 2,380,858; July 31.
McMahon, Richard P., assignor to Bronson Reel Company, Bronson, Mich. Fishing reel. 2,366,920; Jan. 9.
McManus, Charles E., Spring Lake, N. J., and W. I. Gladfelter, Philadelphia, Pa., assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Metal container. 2,367,300; Jan. 16.
McManus, Charles E., Spring Lake, N. J., and J. D. Elder, assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Method and apparatus for depositing vaporized metal coatings. 2,382,432; Aug. 14.
McMaster, Harold A.: *See*— Fowler, I. G., and McMaster.
McMaster, Harold A., and F. A. Rodman, assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Rear vision optical instrument. 2,374,027; Apr. 17.
McMechan, Maurice H., assignor to Western Products Company, Inc., Yakima, Wash. Refrigeration. 2,360,537; July 31.
McMenamy, Robert J., Syracuse, N. Y. Wallpaper removing device. 2,377,949; June 12.
McMillan, Andrew, assignor to Chain Belt Company, Milwaukee, Wis. Control mechanism for concrete mixers. 2,375,014; May 1.
McMillan, Graham W., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Recovering crystalline riboflavin. 2,367,646; Jan. 16.
McMillan, Wallace A., Glenham, assignor to The Texas Company, New York, N. Y. Fractionating apparatus. 2,374,549; Apr. 24.
McMullen, Frederick E., assignor to Gleason Works, Rochester, N. Y. Cutter for and method of cutting gears. 2,385,220; Sept. 18.
McMullen, John F.: *See*— McMullen, J., Rozesky, and McMullen.
McMullen, John, and L. F. Rosesky, Buffalo, N. Y., and J. F. McMullen, Cleveland Heights, Ohio. Waste retainer. 2,371,247; Mar. 13.
McMullen, Matilda: *See*— Gallagher, Hugh J., assignor.
McMullen, Robert L., Trenton, N. J., assignor to Kaiser Cargo, Inc., Bristol, Pa. Gun assembly. 2,380,773; July 31.
McMinn, Wiley W., Orange, and O. M. Brant, North Arlington, assignors to Aga Metal Tube Company, Elizabeth, N. J. Manufacture of spiral wound members. 2,377,950; June 12.
McMinnis, William, Elkhart, Ind. Railroad engineman's clear vision window. 2,368,555; Jan. 30.
McMordie, Stanley, Arlington, and D. A. Peterson, Chelsea, assignor to Dewey and Almy Chemical Company, North Cambridge, Mass. Dipping machine. 2,389,319; Nov. 20.
McMurphy, Jay A., Sonoma, Calif. Cable clamp. 2,374,875; May 1.
McNab, John G., Cranford, and W. T. Watkins, Jr., Elizabeth, N. J., assignors to Standard Oil Development Company. Lubricants and preparing same. 2,379,241; June 26.
McNab, John G., Cranford, C. J. Wilson, and C. Winning, Westfield, N. J., assignors to Standard Oil Development Company. Lubricating oil composition. 2,391,099; Dec. 18.
McNabb, Louis A., Glenview, assignor to The Bell & Howell Company, Chicago, Ill. Heat shield for incandescent lamps. 2,385,526; Sept. 25
McNabney, Ralph: *See*— Wegst, W. F., McNabney, and Bacon.
McNally, James G.: *See*— Dickey, J. B., and McNally.
McNally, James G., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Azo compounds. 2,373,407; Apr. 10.
McNally, James G., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Azo compounds and material colored therewith. 2,373,700; Apr. 17.
McNally, James G., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Azo compounds and material colored therewith. 2,375,804; May 15.
McNally, James G., and L. F. Rosesky, Buffalo, N. Y., and J. B. Dickey, Cleveland Heights, Ohio. N-phosphono-phosphatoalkyl cyclic amines. 2,381,071; Aug. 7.
McNally, James G., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Monoazo compounds. 2,382,433; Aug. 14.
McNally, James G., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Phosphated blown oils. 2,386,250; Oct. 9.
McNally, James G., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Monoazo compounds. 2,390,113; Dec. 4.
McNally, James G., and J. R. Byers, Jr., assignors to Eastman Kodak Company, Rochester, N. Y. Fluorine containing azo compounds. 2,391,179; Dec. 18.
McNally, James G., Oak Ridge, Tenn., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Sulphonamido azo pyrazolones. 2,391,180; Dec. 18.
McNamara, Francis J., Paulsboro, N. J., assignor to Houdry Process Corporation, Wilmington, Del. Apparatus for indicating and controlling the flow of solid materials. 2,368,672; Feb. 6.
McNamara, Gordon G., Jr., Chicago, Ill., assignor to International Harvester Company. Steering mechanism. 2,371,835; Mar. 20.
McNamara, John J., Chicago, Ill. Well drilling tool. 2,371,248; Mar. 13.
McNamara, Patrick B.: *See*— Blanding, Joseph E., assignor.
McNamara, William L., and F. Z. Fouse, assignors to Anchor Hocking Glass Corporation, Lancaster, Ohio. Leer loader. 2,375,936; May 15.
McNamara, William L., Lancaster, Ohio, and J. McFee, Camp Cooke, Calif., assignors to Anchor Hocking Glass Corporation, Lancaster, Ohio. Lehr loader. 2,390,725; Dec. 11.
McNamee, Bernard F., Altadena, assignor to The Superior Oil Company, Los Angeles, Calif. Viscosimeter. 2,378,491; June 19.

McNamee, Raymond W., South Charleston, W. Va., and L. G. MacDowell, Lakeland, Fla., assignors to Carbide and Carbon Chemicals Corporation. Esters of alkoxyacetic acids. 2,366,276; Jan. 2.
McNeal, Daniel R., Abington, assignor to Andale Company, Philadelphia, Pa. Strainer. 2,366,451; Jan. 2.
McNealy, Eddins W., Long Beach, Calif., assignor to The Texas Company, New York, N. Y. Acid treating. 2,372,441; Mar. 27.
McNeely, David B., Calvert, Tex. Thumb-controlled coping saw. 2,383,871; Aug. 28.
McNeely, Lowell: *See*—
Reid, J. G., Jr., and McNeely.
McNeer, Roscoe C., Richmond, Va. Antiskid device. 2,390,956; Dec. 11.
McNeight, Samuel A.: *See*—
Reichert, J. S., McNeight, and Elston.
McNeil, Gordon I., assignor to Wingfoot Corporation, Akron, Ohio. Tank track and method and apparatus for making same. 2,375,170; May 1.
McNish, Alexander F., Scone, assignor of one-half to John Moncrieff Limited, Perth, Scotland. Glass forming machine. 2,376,928; May 29.
McNish, Alvin G., Washington, D. C., assignor to United States of America, as represented by the Secretary of War. Quadrantal corrector for magnetic compasses. 2,390,844; Dec. 11.
McNitt, Robert J., Perth Amboy, N. J. Detecting faulty electrolytic cell operation. 2,374,762; May 1.
McNitt, Robert J., Perth Amboy, N. J. Recovery of light metals. 2,375,232; May 8.
McNitt, Robert J., Perth Amboy, N. J. Method and apparatus for recovering a light metal. 2,382,434; Aug. 14.
McNitt, Robert J., Perth Amboy, N. J. Electrolysis of fused baths. 2,390,114; Dec. 4.
McNitt, Robert J., Perth Amboy, N. J. Apparatus for purifying light metals. 2,390,115; Dec. 4.
McNitt, Robert J., Perth Amboy, N. J. Operating electrolytic cells. 2,390,548; Dec. 11.
McNulty, George M.: *See*—
Zimmer, J. C., and McNulty.
McOmie, Rulon W., Wilmington, assignor to Shell Development Company, San Francisco, Calif. Regeneration of contact materials. 2,386,491; Oct. 9.
McPherson, Charles B., Birmingham, Ala. Spark plug cleaner. 2,376,497; May 22.
McQuay-Norris Manufacturing Company: *See*—
Smith, Dallas M., assignor.
McQueen, David M.: *See*—
Dorough, G. L., and McQueen
McQueen, David M., assignor by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Color photography and compositions and articles therefor utilizing polymeric color formers. 2,367,036; Jan. 9.
McQuiston, Dwight D., Richmond, Ind., assignor to Belden Manufacturing Company. Molded strain relief. 2,386,000; Oct. 2.
McRae, Dudley A: *See*—
Heywood, V. E., and McRae.
McReynolds, James P.: *See*—
Fernelius, W. C., and McReynolds.
McRoberts, Richard C., Tama, Iowa. Nail cleaning attachment for nail files. 2,390,381; Dec. 4.
McVey, Christian M., Denville, N. J. Coating machine. 2,375,805; May 15.
McVicar, Harold R., assignor to The Dunham Company, Berea, Ohio. Tractor operated disk harrow 2,376,609; May 22.
McVitty, Edward W., New York, N. Y. Floating breakwater for seaplanes, flying boats and for other uses. 2,388,171; Oct. 30.
McWane, Henry E., Lynchburg, Va. Apparatus for casting articles in permanent metal molds. 2,367,727; Jan. 23.
McWane, Henry E., and H. K. McGavock, Lynchburg, Va.; said McGavock assignor to said McWane. Casting. 2,387,803; Oct. 30.
McWatters, Robert S., Ottawa, Ontario, Canada. Safety razor. 2,372,100; Mar. 20.
McWhirter, Eric M. S., R. H. Dunn, C. H. Chambers, and F. W. Warden, London, England. Electrical remote control or supervisory systems. 2,369,678; Feb. 20.
McWhirter, Eric M. S., and C. H. Chambers, London, W. C. 2, England, assignors to International Standard Electric Corporation, New York, N. Y. Telemetering system. 2,372,593; Mar. 27.
McWhirter, Eric M. S., and R. H. Dunn, assignors to Standard Telephones and Cables Limited, London, England. Supervision of electric power supply circuits. 2,377,506; June 5.
McWhorter, Alfred D., Memphis, Tenn. Rail grinder. 2,369,836; Feb. 20.
McWhorter, C. J.: *See*—
Smith, Louie F., assignor.
McWhorter, Charles R., Ferguson, Mo., assignor to Curtiss-Wright Corporation. Center of gravity location indicator. 2,391,257; Dec. 18.
McWilliams, John W., and P. R. Moss, Birmingham, Ala., assignors to Tennessee Coal, Iron, and Railroad Company. Scrap shear. 2,368,152; Jan. 30.
Meacham, Larned A., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Call transmitter. 2,386,133; Oct. 2.
Mead, Edward S., Philadelphia, Pa. Briquet and manufacturing same. 2,370,060; Feb. 20.
Mead, George A., assignor to The Ohio Brass Company, Mansfield, Ohio. Current collector. 2,369,837; Feb. 20.
Mead, Harry L., and E. J. Maust, Brewster, Fla., assignor to American Cyanamid Company, New York, N. Y. Flotation of acidic minerals. 2,369,311; Feb. 13.
Mead, Richard R., Queens Village, N. Y., assignor to Mergenthaler Linotype Company. Typographical composing and distributing machine. 2,368,860; Feb. 6.
Mead, Theodore E., Wilmette, Ill. Work feeding device. 2,385,521; Sept. 25.
Mead, Theodore E., Wilmette, Ill. Control valve. 2,388,560; Nov. 6.
Meade, Reginald E., and H. L. Pollard, Appleton, and N. E. Rodgers, Madison, Wis., assignors to Western Condensing Company, San Francisco, Calif. Manufacturing a vitamin concentrate. 2,369,680; Feb. 20.
Meader, Warren S., et al.: *See*—
Sharp, William V., assignor.
Meadow, Jacob R., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Di-tertiary alkyl sulphides. 2,366,453; Jan. 2.
Meadows, Charles: *See*—
Waters, H. A., and Meadows.
Meadows, Joyce G., Mount Pleasant, Tex. Casket plaque. 2,389,447; Nov. 20.
Meagher, Fred P., Media, Pa. Cooking and heating apparatus. 2,369,972; Feb. 20.
Meaker, John W.: *See*—
Wilsey, I. H., and Meaker.
Meaker, John W., Evanston, Ill. Electrical perforation of paper and other fabrics. 2,372,508; Mar. 27.
Meaker, John W., Evanston, and E. H. Yonkers, Jr., Glencoe, Ill.: said Yonkers, Jr., assignor to said Meaker. Electroperforation of sheet material. 2,388,069; Oct. 30.
Meakin, Edgar T., San Francisco, Calif. Apparatus for making pellets. 2,391,638; Dec. 25.
Means, Dwight, Wadsworth, Ohio, assignor to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Transportation of caustic. 2,384,111; Sept. 4.
Means, Dwight R., Wadsworth, Ohio, assignor to Hooker Electrochemical Company, Niagara Falls, N. Y. Electrolytic cell. 2,368,861; Feb. 6.
Means, Ralph P., Jr., Saginaw, assignor to General Motors Corporation, Detroit, Mich. Ball bearing screw and nut gear. 2,380,662; July 31.
Mears Radio Hearing Device Corp.: *See*—
Merrill, Lawrence V., assignor.
Mecca, Sebastian B., assignor to Schuylkill Chemical Company, Philadelphia, Pa. Therapeutic product and making same. 2,370,561; Feb. 27.
Mecca, Sebastian B., assignor to Schuylkill Chemical Company, Philadelphia, Pa. Plant growth stimulant. 2,382,326; Aug. 14.
Mechanical Handling Systems, Inc.: *See*—
Stuart, Clarence C., assignor.
Medco Products Co.: *See*—
Gessler, Harry C., assignor.
Medcoff, Franklin E., Grand Rapids, Mich. Barking machine. 2,382,896; Aug. 14.
Meddock, Alvin A.: *See*—
Heineck, P. B., and Meddock.
Medical & Industrial Equipment Limited: *See*—
Talley, Henry A. E., assignor.
Medley, Harold C., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Lifting tool for elevator chains. 2,377,258; May 29.
Medved, Nicholas, Cleveland, Ohio. Roller bearing. 2,383,142; Aug. 21.
Meehan, Howard W.: *See*—
Krumreich, C. L., and Meehan.
Meeker, David A., assignor to The Hobart Manufacturing Company, Troy, Ohio. Washing machine. 2,380,059; July 10.
Meeker, David A., Troy, and K. C. Allen, Dayton, assignors to The Hobart Manufacturing Company, Troy, Ohio. Scale. 2,383,404; Aug. 21.
Meem, Marie S., Bethesda, Md. Bed footboard. 2,379,369; June 26.
Meets-A-Need Manufacturing Company: *See*—
Dickey, Roy N., assignor.
Mefferd, Paul H., Toledo, Ohio, assignor to Toledo Scale Company, Toledo, Ohio. Counting mechanism. 2,390,444; Dec. 4.
Mefford, Fred E., Colorado Springs, Colo. Buckle. 2,386,251; Oct. 9.
Mefina, S. A.: *See*—
Hönger, Guido, assignor.
Megar, David, New York, N. Y. Spring bar. 2,382,249; Aug. 14.
Mégel, Georges: *See*—
Mancia, J., and Mégel.
Mehan, Thomas O., Park Ridge, assignor to Victor Adding Machine Co., Chicago, Ill. Control switch for calculating machines. 2,377,707; June 5.
Mehan, Thomas O., Park Ridge, assignor to Victor Adding Machine Co., Chicago, Ill. Gyro-vertical. 2,378,858; June 19.

Mehan, Thomas O., Park Ridge, assignor to Victor Adding Machine Co., Chicago, Ill. Gyro-vertical. 2,384,761; Sept. 11.
Mehan, Thomas O., Park Ridge, and Hunter E. Hooe, assignors to Victor Adding Machine Co., Chicago, Ill. Multiplying machine. 2,379,449; July 3.
Mehl, Ernst, Essex, England. Production of iron powder. 2,389,734; Nov. 27.
Mehler, Albert J., Jr., Waynesboro, Va., assignor to E. I du Pont de Nemours & Company, Wilmington, Del. Spinning process. 2,366,278; Jan. 2.
Mehler, Hugo, Churchville, Pa. Tubular netting. 2,376,442; May 22.
Mehlhope, Lincoln E., and E. D. Vancil, assignors to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Grinding machine. 2,368,315; Jan. 30.
Mehline, Emile O., and W. Calvert, Seattle, Wash. Food-processing mechanism. 2,385,828; Oct. 2.
Mehring, Arthur C.: *See*—
Goldsborough, S. L., and Mehring.
Sonnemann, W. K., Mehring, and Goldsborough.
Mehring, Arthur C., East Orange, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Universal high-speed directional relay. 2,380,187; July 10.
Mehring, Arthur C., East Orange, and S. L. Goldsborough, Basking Ridge, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Three-magnet double-loop directional relay. 2,379,918; July 10.
Meier, Herbert H., Baytown, Tex., assignor to Standard Oil Development Company. Production of aromatic hydrocarbons. 2,375,573; May 8.
Meierhofer, Max, Erlenbach, Zurich, Switzerland. Joints for leg supports and artificial limbs in general. 2,379,538; July 3.
Meikle, James L., et al.: *See*—
Hunsdorf, William P., assignor.
Meikle, John D., Mount Lebanon, Pa. Flame arrester. 2,379,735; July 3.
Meiklejohn, Robert, Jr., Westfield, N. J., assignors to Union Carbide and Carbon Corporation. Fluid heating and discharging device. 2,373,588; Apr. 10.
Meilstrup, Emil E., Western Springs, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Article assembling apparatus. 2,384,560; Sept. 11.
Meincke, Edmund R., Akron, Ohio, assignor to American Cyanamid Company, New York, N. Y. Plasticizing polyvinyl chloride. 2,386,405; Oct. 9.
Meincke, Howard D., Jr., assignor to Howard D. Meincke, Sr., Glencoe, Ill. Treatment of water containing chlorides dissolved therein. 2,374,116; Apr. 17.
Meincke, Howard D., Jr., assignor to Howard D. Meincke, Sr., Glencoe, Ill. Treatment of water containing chlorides and sodium dissolved therein. 2,391,258; Dec. 18.
Meincke, Howard D., Sr.: *See*—
Meincke, Howard D., Jr., assignor.
Meinert, Richard N., Westfield, N. J., assignor to Standard Oil Development Company. Dehydrogenation process. 2,387,524; Oct. 23.
Meinzer, Gotthold H.: *See*—
Cornell, M., and Meinzer.
Meir, Joseph K., and D. G. Derrick, New York, N. Y. Drill press attachment. 2,377,259; May 29.
Meiselman, Edna: *See*—
Meiselman, Samuel J., assignor.
Meiselman, Samuel J., assignor to E. Meiselman, Lynbrook, N. Y. Seat. 2,370,061; Feb. 20.
Meisenburg, Kurt: *See*—
Pfaff, K., Erlenbach, Finkenbrink, Maier-Bode, Meisenburg, and Meisenheimer.
Meisenheimer, Marianne: *See*—
Pfaff, K., Erlenbach, Finkhenbrink, Maier-Bode, Meisenburg, and Meisenheimer.
Meister, George: *See*—
Marden, J. W., and Meister.
Meister, Leo, Irvington, N. J. Work positioning apparatus. 2,381,458; Aug. 7.
Meister, Leo, Irvington, N. J. Work positioning apparatus. 2,383,008; Aug. 21.
Meister, Leo, Irvington, N. J. Apparatus for inspecting flash holes in primer tubes. 2,385,367; Sept. 25.
Meites, Leonard, Chicago, Ill. Water softening and washing product and preparing same. 2,385,928; Oct. 2.
Meites, Leonard, Chicago, Ill. Water softening and washing product and method of preparing same. 2,385,929; Oct. 2.
Meitner, Béla, Whitchurch, assignor to Aero Zipp Fasteners Limited, London, England. Apparatus for use in the manufacture of sliding clasp fasteners. 2,368,316; Jan. 30.
Meitzen, Curt J., Wauwatosa, Wis. Carton and carton blanks. 2,386,905; Oct. 16.
Mejean, Jacques G., Westport, and R. H. Amand, Norwalk, Conn. Transmission system. 2,366,637; Jan. 2.
Mejia, Carlos V. R., Buenos Aires, Argentina. Syringe. 2,374,368; Apr. 24.
Mekler, Lev A., assignor to Universal Oil Products Company, Chicago, Ill. Control of reaction temperature in endothermic and exothermic reactions. 2,389,448; Nov. 20.
Mekler, Lev A., assignor to Universal Oil Products Company, Chicago, Ill. Regeneration of solid contact material. 2,391,327; Dec. 18.
Mekler, Lev A., and C. G. Gerhold, assignors to Universal Oil Products Company, Chicago, Ill. Reactor. 2,369,478; Feb. 13.
Melbourne, Robert W., assignor to Adrian Production Tool Co., Adrian, Mich. Rotary file. 2,367,597; Jan. 16.
Meichert, Charles A., Drexel, assignor to General Vender Mfg. Co., Kansas City, Mo. Vending machine mechanism. 2,371,343; Mar. 13.
Melchior, Norten C.: *See*—
Evans, T. W., Morris, and Melchior.
Meletti, Adolph, Philadelphia, Pa., assignor to Vacuum Cleaner Corp. of America. Spring-wound cord-controlled take-up reel. 2,391,840; Dec. 25.
Melichar, Joseph F.: *See*—
Parker, A. L., Davies, and Melichar.
Melichar, Joseph F., assignor to The Parker Appliance Company, Inc., Cleveland, Ohio. Valve assembly. 2,383,983; Sept. 4.
Melick, Thomas E.: *See*—
Dirkes, R. F., Long, Melick, and Hewitt.
Melidoni, Constantine, New York, N. Y. Piston expander. 2,390,845; Dec. 11.
Mellar Bromley & Co. Limited: *See*—
Bromley, T. C., and Shortland, assignors.
Meller, Reginald, Oakland, Calif. Container. 2,391,639; Dec. 25.
Meller, Reginald B., Oakland, Calif. Box. 2,366,419; Jan. 2.
Mellien, Raymond J., Lake Geneva, Wis. Camera. 2,377,954; June 12.
Mellinger, Arthur G., Lancaster, Pa. Hydraulic power unit. 2,390,957; Dec. 11.
Mellon, Joseph M., Detroit, Mich. Safety razor. 2,374,612; Apr. 24.
Mellor Bromley & Co. Limited: *See*—
Freeman, Samuel R. T., assignor.
Bromley, T. C., and Shortland, assignors.
Mellor, Fred, Shreveport, assignor of one-half to H. George, Benton, La. Paper roll rack. 2,381,303; Aug. 7.
Melroe, Edward G., Gwinner, N. Dak. Harvester pick-up device. 2,385,829; Oct. 2.
Melsom, Walter A., assignor to Bowden (Engineers) Limited, London, England. Flexible hose coupling. 2,374,224; Apr. 24.
Melsom, Walter A., assignor to Bowden (Engineers) Limited, London, England. Flexible hose coupling. 2,374,225; Apr. 24.
Melsom, Walter A., assignor to Bowden (Engineers) Limited, London, England. Flexible hose coupling. 2,374,226; Apr. 24.
Melsom, Walter A., Wembley Hill, assignor to Bowden (Engineers) Limited, London, N. W. 10, England. Flexible hose coupling. 2,384,635; Sept. 11.
Melton, Clarence C., Kansas City, assignor to Transcontinental & Western Air, Inc., North Kansas City, Mo. Cleaning apparatus for oil coolers. 2,380,604; July 31.
Melton, Romie L., assignor to The Carborundum Company, Niagara Falls, N. Y. Coating and treating material. 2,366,926; Jan. 9.
Melton, Romie L., assignor to The Carborundum Company, Niagara Falls, N. Y. Forming web material. 2,385,873; Oct. 2.
Melton, Romie L., and A. J. Thompson, assignors to The Carborundum Company, Niagara Falls, N. Y. Coating apparatus. 2,378,025; June 12.
Melvin, William T., and R. L. Rougemont, assignors to Reed-Prentice Corporation, Worcester, Mass. Lubricating arrangement for power driven saws. 2,391,730; Dec. 25.
Melzer, Frederick A., Gary, Ind. Grip mechanism for testing machines. 2,391,435; Dec. 25.
Menasco Manufacturing Company: *See*—
Wood, Wilbur G., assignor.
Menchaca, Manuel, Laredo, Tex. Pinning machine. 2,378,423; June 19.
Mendel, Alfred: *See*—
Tryfus, F., and Mendel.
Mendelsohn, Bernard E., Brookline, assignor of one-half to B. H. Benson, Boston, Mass. Tire. 2,375,127; May 1.
Mendelsohn, Bernard E., Brookline, assignor of forty-two and one-half per cent to B. H. Benson, Boston, Mass., and fifteen per cent to I. Fisher, New Haven, Conn. Tire construction. 2,391,841; Dec. 25.
Mendelsohn, Major, New York, N. Y. Antiseptic composition. 2,386,252; Oct. 9.
Mendelsohn, Samuel, Montclair, N. J. Ejector socket. 2,384,327; Sept. 4.
Mendelssohn, Kurt: *See*—
Macintosh, R. R., Mendelssohn, and Salt.
Mendenhall, Elwyn E.: *See*—
Wilson, J. L., and Mendenhall.
Mendes, John C., Mattapan, assignor, by mesne assignments, to W. Herbits, Boston, and F. L. Harney, Jr., Newton, Mass., doing business as Consumers' Plan. Collating machine and assembling sheets. 2,371,179; Mar. 13.

Mendez, Ciro F., assignor to Archibald Gold, New York, N. Y. Heating device. 2,379,820; July 3.
Mendius, William, Munster, Ind., assignor to Sinclair Refining Company, New York, N. Y. Apparatus for determining the proportions of admixed immiscible liquids 2,371,437; Mar. 13.
Mendles, Theodore R., assignor of one-half to J. Bassetti, Jersey City, N. J. Toy gun. 2,371,059; Mar. 6.
Menefee, Arthur B., Cumberstone, Md., and H. H. Greger, Washington, D. C. Decolorizing sulphur. 2,385,527; Sept. 25.
Menendez, José A.: *See*—
Valerino, W. P., and Menendez.
Mengel Company, The: *See*—
Davis, Oliver C., assignor.
Menger, Francis B., Lancaster Township, Lancaster County, and L. E. Gaenzle, assignors to Armstrong Cork Company, Lancaster, Pa. Forming cork articles. 2,371,060; Mar. 6.
Menges, Louis J., Montclair, N. J. Sanitary apparatus for toilet doors. 2,384,949; Sept. 18.
Menking, Heinz, Rocky River, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Shuttle. 2,385,718; Sept. 25.
Mennesson, Marcel L., Neuilly-sur-Seine, France; vested in the Alien Property Custodian. Carburetion device for internal-combustion engines. 2,389,922; Nov. 27.
Menteckl, Sigmund: *See*—
Palisano, V. H., and Menteckl.
Mentley, Max B., assignor to National Broach and Machine Company, Detroit, Mich. Gear finishing. 2,372,444; Mar. 27.
Mentzer, Ralph B., New Holland, Pa., assignor to Hamilton Watch Company, Lancaster, Pa. Band lap. 2,369,068; Feb. 6.
Mentzer, Ralph B., assignor to Hamilton Watch Company, Lancaster, Pa. Surfacing machine. 2,381,833; Aug. 7.
Mentzer, Ralph B., assignor to Hamilton Watch Company, Lancaster, Pa. Surfacing machine. 2,382,940; Aug. 14.
Mentzer, Ralph B., assignor to Hamilton Watch Company, Lancaster, Pa. Surface marking device. 2,385,014; Sept. 18.
Mentzer, Ralph B., assignor to Hamilton Watch Company, Lancaster, Pa. Shaping machine. 2,385,015; Sept. 18.
Menzel, Carl A., Homewood, Ill. Concrete reinforcing bar. 2,374,827; May 1.
Menzies, Alexander W., assignor to Sir W. G. Armstrong Whitworth Aircraft Limited, Coventry, England. Feed and regulating means for machine-tools. 2,372,906; Apr. 3.
Mercantile Bank, administrator: *See*—
Kohler, Joseph H.
Mercer, Arthur A., assignor of one-half to E. N. Mason & Sons Limited, Colchester, England. Toolholder. 2,370,742; Mar. 6.
Mercer, Mabel V., Arlington, Va. Motion picture apparatus. 2,383,493; Aug. 28.
Mercier, Jean, Neuilly-sur-Seine, France; vested in the Alien Property Custodian. Airplane landing gear. 2,367,467; Jan. 16.
Mercier, Jean, Neuilly-sur-Seine, France. Automatic locking jack. 2,373,773; Apr. 17.
Mercier, Jean, New York, N. Y. Packing ring. 2,372,907; Apr. 3.
Mercier, Jean, New York, N. Y. Pumping apparatus. 2,379,539; July 3.
Mercier, Jean, New York, N. Y. Locking valve. 2,385,016; Sept. 18.
Mercier, Jean, New York, N. Y. Duplex elastic seal. 2,386,873; Oct. 16.
Mercier, Jean, New York, N. Y. Oleopneumatic storage device. 2,387,598; Oct. 23.
Mercier, Jean, New York, N. Y. Oil tight joint. 2,390,445; Dec. 4.
Mercier, Joachim, Arvida, Quebec, Canada. Branch pipe attaching device. 2,385,017; Sept. 18.
Mercier, Pierre E., New York, N. Y. Exhaust manifold for internal-combustion engines. 2,388,924; Nov. 13.
Mercier, Pierre E., New York, N. Y., assignor, by mesne assignments, to Helfeda, S. A., Geneva, Switzerland. Exhaust conduit. 2,370,062; Feb. 20.
Mercier, Pierre E., New York, N. Y., assignor, by mesne assignments, to Helfeda, S. A., Geneva, Switzerland. Exhaust manifold. 2,377,708; June 5.
Mercier, Pierre E., Westport, Conn. Airplane power plant. 2,390,161; Dec. 4.
Mercier, Stanley M., Bexley, Ohio, assignor to The Jeffrey Manufacturing Company. Shear pin mechanism. 2,384,188; Sept. 4.
Mercier, Stanley M., Bexley, Ohio, assignor to The Jeffrey Manufacturing Company. Elevator. 2,384,189; Sept. 4.
Merck & Co., Inc.: *See*—
Dalmer, O., Diehl, and Pieper, assignors.
Folkers, Karl, assignor.
Folkers, K., and Koniuszy, assignors.
Folkers, K., and Major, assignors.
Folkers, K., and Shavel, assignors.
Harris, Stanton A., assignor.
Keresztesy, J. C., and Stevens, assignors.
Major, R. T., and Bonnett, assignors.
Major, R. T., and Cook, assignors.
Mozingo, Ralph, assignor.
Merck & Co., Inc.: *See*—Continued
Newbery, George, assignor.
Sletzinger, M., and Paulsen, assignors.
Stein, G. A., and Moran, assignors.
Striller, Eric T., assignor.
Tishler, Max, assignor.
Tishler, M., and Beutel, assignors.
Tishler, M., and Wellman, assignors.
Treacy, Cyril S., assignor.
Trenner, N. R., and Bacher, assignors.
Van de Kamp, J., and Sletzinger, assignors.
Waksman, S. A., and Woodruff, assignors.
Weijlard, J., and Messerly, assignors.
Weijlard, J., Messerly, and Tishler, assignors.
Weijlard, J., and Ziegler, assignors.
Merckel, Frederick G., Montclair, assignor to Novadel-Agene Corporation, Newark, N. J. Brew cooling. 2,376,373; May 22.
Merckx, Philibert L. J. R.: *See*—
Bruylants, P., and Merckx.
Merco Nordstrom Valve Company: *See*—
Hedene, Edwin E., assignor.
Meredew, George C., assignor to Self-Priming Pump & Engineering Co. Limited, London, England. Motor-driven centrifugal pump for liquid. 2,384,254; Sept. 4.
Meredew, George C. and A. L. B. Dawson, assignors to Self-Priming Pump & Engineering Co. Limited, London, England. Centrifugal pump for liquid. 2,381,834; Aug. 7.
Meredith, Frederick W., assignor to S. Smith & Sons, (England) Limited, London, England. Gyroscopic navigational instrument. 2,366,543; Jan. 2.
Meredith, Frederick W., London, England, assignor to S. Smith & Sons (England) Limited. Bottom-heavy gyroscope. 2,380,538; July 31.
Meredith, Howard J.: *See*—
Gollmar, H. A., and Meredith.
Meredith, Russell, Los Angeles, Calif., assignor to Northrop Aircraft, Inc. Inert gas blanketed arc welding torch. 2,376,265; May 15.
Meredith, Trenton, New York, N. Y., assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Carton. 2,373,701; Apr. 17.
Meree, Cecil E.: *See*—
Ebinger, R. L., and Meree
Mereen-Johnson Machine Company: *See*—
Bolling, Oscar S., assignor.
Mergenthaler Linotype Company: *See*—
Mead, Richard R.
Plastaras, James C., assignor.
Meriam Instrument Company, The: *See*—
Hejduk, Arthur A., assignor.
Merit Engineering, Inc.: *See*—
Stevenson, R., and Keema, assignors.
Merk, George S., Flushing, N. Y. Handbag frame strip for attaching bag material to bag frames. 2,390,315; Dec. 4.
Merla Tool Corporation: *See*—
Walton, Robert O., assignor.
Merlub-Sobel, Menahem, Rahway, N. J., assignor to Virginia-Carolina Chemical Corporation, Richmond, Va. Insecticide. 2,386,492; Oct. 9.
Mermis, William L., Youngstown, Ohio. Surgical fixture. 2,386,134; Oct. 2.
Mermis, William L., Youngstown, Ohio. Surgical fixture. 2,389,269; Nov. 20.
Merrell, Edwin J., Eastchester, N. Y., assignor to Phelps Dodge Copper Products Corporation, Dover, Del. Powder fiber sheet. 2,389,678; Nov. 27.
Merrell, Wm. S., Company, The: *See*—
Rieveschl, G., Jr., and Ray, assignors.
Shelton, Robert S., assignor.
Shelton, R. S., and Van Campen, assignors.
Van Zoeren, Gerrit J., assignor.
Merriam, Henry F., West Orange, N. J., assignor to General Chemical Company, New York, N. Y. Production of sulphur dioxide. 2,389,071; Nov. 13.
Merriam, Henry F., West Orange, N. J., and A. M. Harkness, Nyack, assignors to General Chemical Company, New York, N. Y. Manufacture of sulphuric acid. 2,389,070; Nov. 13.
Merriam, Henry H., assignor to H. D. Boardman, Jackson, Mich., as trustee. Cable splicing clamp. 2,388,862; Nov. 13.
Merriam Manufacturing Company, The: *See*—
Wiepert, George D., assignor.
Merrick, Albert W., Ossining, assignor to Austenal Laboratories, Inc., New York, N. Y. Turbine bucket for exhaust turbine superchargers. 2,381,456; Aug. 7.
Merrick, De Witt D., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Electrical connector. 2,373,841; Apr. 17.
Merrick Scale Mfg. Company: *See*—
Hohman, Robert F., assignor.
Merrill, Allan B.: *See*—
Peterson, E., and Merrill.
Merrill, George L., East Cleveland, T. F. Carlin, Cleveland, and E. J. Batorski, Garfield Heights, assignors to The Cleveland Hobbing Machine Co., Euclid, Ohio. Hobbing machine. 2,390,607; Dec. 11.
Merrill, Joseph A., Winnetka, Ill., assignor to S. F. Bowser & Company, Incorporated, Fort Wayne, Ind. Liquid dispensing apparatus. 2,381,304; Aug. 7.

Merrill, Lawrence V., Brooklyn, assignor to Mears Radio Hearing Device Corp., New York, N. Y. Transmitter. 2,386,705; Oct. 9.
Merrill, Leslie M., et al.: *See*—
Lysholm, Alf, assignor.
Merrill, Leslie M., et al., trustees: *See*—
Lysholm, Alf, assignor.
Merrill, Marcellus S., and L. W. Alfred, Denver, Colo. Press for automotive vehicle housings and associated parts. 2,372,509; Mar. 27.
Merrill, Marcellus S., and C. M. Hathaway, Denver, Colo. Balancing method and apparatus. 2,383,405; Aug. 21.
Merrill, Roger L.: *See*—
Harrington, J. R., and Merrill.
Merriman, William E., and C. F. Nichols, assignors to Eastman Kodak Company, Rochester, N. Y. Photographic shutter tester. 2,376,162; May 15.
Merritt, Charles H., assignor to G. J. Pepper, Bellingham, Wash. Current motor. 2,379,314; June 26.
Merritt, Ericsson H.: *See*—
Laucks, I. F., Merritt, Lawshe, and Dike.
Merritt, Henry E., Huddersfield, England. Steering mechanism for track-laying vehicle. 2,377,354; June 5.
Merry Hull & Company: *See*—
Geissmann, Gladys W., assignor.
Merryman, James A., and E. M. Wharff, Jr., Wilkinsburg, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Making metallic articles. 2,390,805; Dec. 11.
Merwin, Harry H., Rutherford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Material handling apparatus. 2,378,568; June 19.
Merwin, Harry H., Rutherford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Article handling apparatus. 2,388,005; Oct. 30.
Merwin, Walter J.: *See*—
Teter, J. W., and Merwin.
Messenger, Robert P., Kenilworth, and L. H. Kaupke and R. R. Raney, La Grange, Ill., assignors to International Harvester Company. Wire container. 2,389,529; Nov. 20.
Messer, William E., Cheshire, Conn., assignor to United States Rubber Company, New York, N. Y. Arylene thiazyl sulphenamides. 2,370,253; Feb. 27.
Messer, William E., Cheshire, Conn., assignor to United States Rubber Company, New York, N. Y. Emulsion copolymerization of butadiene-1,3 hydrocarbons and monovinyl compounds copolymerizable therewith. 2,382,802; Aug. 14.
Messerly, John P.: *See*—
Weijlard, J., and Messerly.
Weijlard, J., Messerly, and Tishler.
Messerschmidt, Charles, Westbrook, Conn. Ignition apparatus. 2,377,353; June 5.
Messler, Rudolph J.: *See*—
Daudelin, J. B., and Messler.
Messing, Clarence O., Gilead, Nebr. Tractor operated rake and stacker. 2,372,908; Apr. 3.
Messing, Monroe M., Lawrence, N. Y. Undergarment. 2,366,865; Jan. 9.
Messing, Monroe M., Lawrence, N. Y. Slip. 2,369,594; Feb. 13.
Messinger, William, Philadelphia, Pa. Sealing device. 2,388,925; Nov. 13.
Messmore, George H., New York, N. Y. Laminated gangway. 2,380,060; July 10.
Messmore, Harold E., Bartlesville, Okla., and J. M. Mason, Chicago, Ill., assignors to Phillips Petroleum Company. Copper sweetening. 2,378,092; June 12.
Messner, Maximilian and E. Schantl, Berlin, Germany; vested in the Alien Property Custodian. Cathode-ray tube. 2,378,569; June 19.
Mestas, Ricardo, Los Angeles, assignor to Kobe, Inc., Huntington Park, Calif. Electric gauge. 2,369,909; Feb. 20.
Meta Manufacturing Co.: *See*—
Gerber, E. G., assignor.
Metal Alloys, Inc.: *See*—
Fink, Colin G., assignor.
Metal Hydrides Incorporated: *See*—
Alexander, Peter P., assignor.
Metal Lumber Corporation of New Jersey, The: *See*—
Frick, Henry E., assignor.
Metal Products Corporation: *See*—
Kincannon, Leo T., assignor.
Metal Specialties Co., Inc.: *See*—
Stahl, Donald R., assignor.
Metal Textile Corporation: *See*—
Goodloe, Alfred M., assignor.
Goodloe, A. M., and Kisch, assignors.
Klingman, Russell B., assignor.
Kisch, Louis A., assignor.
Kisch, L. A., and Herter, assignors.
York, Otto H., assignor.
Metals & Controls Corporation: *See*—
Bolesky, John D., assignor.
Chace, Paul G., assignor.
Durst, George, assignor.
Moorhead, John O., assignor.
Vaughan, Victor G., assignor.
Volterra, Renzo U., assignor.
Metafiltration Company Limited: *See*—
Peckard, Joseph A., assignor.
Metalastik Limited: *See*—
Goldschmidt, M., and Moyal, assignors.
Metallizing Engineering Company Inc.: *See*—
Shepard, A. P., and Ingham, assignors.
Metalwash Machinery Company: *See*—
Zademach, Erich R., assignor.
Metalweld, Inc.: *See* —
Oechsle, S. J., and Childs, assignor.
Metcalf, Arthur G. B., Milton, Mass. Machine for grading leather blanks. 2,366,205; Jan. 2.
Metcalf, Arthur G. B., Milton, Mass. Recording and controlling vehicle. 2,368,673; Feb. 6.
Metcalf, Arthur G. B., Milton, Mass., assignor to North American Holding Corporation, Syracuse, N. Y. Grading machine. 2,367,685; Jan. 23.
Metcalf, Arthur G. B., Milton, assignor to North American Research Corporation, Cambridge, Mass. Sound generator. 2,372,968; Apr. 3.
Metcalf, Herbert E.: *See*—
Lawlor, R. C., and Metcalf.
Zalkowsky, W. M., and Metcalf.
Metcalf, Herbert E., San Francisco, assignor, by mesne assignments, to Consolidated Engineering Corporation, Pasadena, Calif. Geochemical prospecting system. 2,374,227; Apr. 24.
Metcalfe, James C.: *See*—
Metcalfe, Richard D. and J. C.
Metcalfe, Richard D. and J. C., assignors to Davies & Metcalfe Limited, Romiley, England. Steam injector. 2,386,971; Oct. 16.
Metcalfe, Thomas, Birkby, Huddersfield, England. Machine for the grinding of screw threads. 2,367,957; Jan. 23.
Metheny, Clyde E., and A. L. Marker, assignors to Consolidated Aircraft Corporation, San Diego, Calif. Apparatus for fabricating connecting rods. 2,375,574; May 8.
Metro, Anthony J., Detroit, Mich. Height gauge. 2,385,874; Oct. 2.
Metropolitan Device Corporation: *See*—
Rypinski, Albert B., assignor.
Metropolitan Engineering Company: *See*—
Phelps, G. H., and Frischmann, assignors.
Metropolitan-Vickers Electrical Company: *See*—
Scoles, Graham J., assignor.
Metropolitan-Vickers Electrical Company Limited: *See*—
Burch, Cecil R., assignor.
Dodds, J. M., and Scoles, assignors.
Flurscheim, Cedric H., assignor.
Newsam, Harold, assignor.
Metz, John E. H., Maywood, assignor to Maywood Manufacturing Corporation, Cliffside Park, N. J. Lathe attachment. 2,379,370; June 26.
Metzger, Alfred R., Bald Eagle, Minn. Air deflector for automobiles and making the same. 2,380,860; July 31.
Metzger, Floyd J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Continuous production of aldol. 2,376,070; May 15.
Metzger, Johann: *See*—
Korte, H., Waibel, and Metzger.
Metzger, Joseph L., Louisville, Ohio. Combination storm window. 2,386,625; Oct. 9.
Metzger, Leopold H., assignor to Industrial Abrasives, Inc., Chicago, Ill. Coating material. 2,376,163; May 15.
Metzner, Albert W., assignor to The Standard Register Company, Dayton, Ohio. Sheet feeding device. 2,366,206; Jan. 2.
Metzner, Albert W., assignor to The Standard Register Company, Dayton, Ohio. Manifolding pack. 2,366,744; Jan. 9.
Metzner, Albert W., assignor to The Standard Register Company, Dayton, Ohio. Manifolding apparatus and method. 2,366,745; Jan. 9.
Metzner, Albert W., assignor to The Standard Register Company, Dayton, Ohio. Sectional platen. 2,368,674; Feb. 6.
Metzner, Albert W., Dayton, Ohio, assignor to K. M. Sherman, W. C. Sherman, and W. B. Turner, executors of J. Q. Sherman, deceased. Carbon separator. 2,377,896; June 12.
Metzner, Albert W., assignor to The Standard Register Company, Dayton, Ohio. Autographic register. 2,381,919; Aug. 14.
Metzner, Albert W., assignor to The Standard Register Company, Dayton, Ohio. Recording apparatus and method. 2,390,549; Dec. 11.
Metzner, Ernest K., Cloverdale, Calif., assignor by mesne assignments, to Stauffer Chemical Company. Apparatus for the treatment of fruit pomace. 2,387,165; Oct. 16.
Meunier, Paul L., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Pigmenting compositions for textile fabric. 2,377,709; June 5.
Meunier, Vincent, Akron, Ohio, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Preparing a coated resin product. 2,370,562; Feb. 27.
Meusy, Eugene E., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Turret lathe. 2,379,096; June 26.
Meyer, Albert W., Nutley, N. J., assignor to United States Rubber Company, New York, N. Y. Rubber covered copper article. 2,379,978; July 10.

Meyer, Arnold F., Pewaukee, and H. C. French, Elm Grove, assignors to The Heil Co., Milwaukee, Wis. Truck body and subframe construction. 2,380,861; July 31.

Meyer, August A., Maywood, Ill. Composition for preserving cut orchids. 2,367,795; Jan. 23.

Meyer, Charles P.: *See*—
Mueller, J. J., and Meyer.

Meyer, Clarence L., Dayton, Ohio. Bearing and retainer puller. 2,386,253; Oct. 9.

Meyer, Clarence L., Dayton, Ohio. Adjustable spanner wrench. 2,386,254; Oct. 9.

Meyer, Curt, Buenos Aires, Argentina. Furnace for producing wood charcoal. 2,386,972; Oct. 16.

Meyer, Edward P., Freeport, Ill., assignor to First Industrial Corporation, Wilmington, Del. Switch mechanism. 2,370,479; Feb. 27.

Meyer, Edwin W.: *See*—
Julian, P. L., and Meyer.
Julian, P. L., Meyer, and Iveson.

Meyer, Frank A., Brookline, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Condenser apparatus. 2,368,421; Jan. 30.

Meyer, George J., Milwaukee, Wis. Chuck. 2,387,339; Oct. 23

Meyer, George J., Milwaukee, and C. M. Ploetz, Greenfield, Wis. Motor brake adjusting means. 2,368,317; Jan. 30.

Meyer, Hans, Twickenham, England. Compound fabrics and producing the same. 2,380,775; July 31.

Meyer, Harvey E., Kansas City, Mo. Twin portable tubs and supports therefor. 2,384,112; Sept. 4.

Meyer, Joseph E., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Automatic web register correcting means for printing presses. 2,378,234; June 12.

Meyer, Joseph J., and F. A. Jones, assignors to G-H Specialty Company, Milwaukee, Wis. Spliced bar structure. 2,375,018; May 1.

Meyer, Jules: *See*—
Granacher, C., Streuli, and Meyer.

Meyer, Kurt, Berlin-Zehlendorf, and H. Lapp, Klein-Machnow, near Berlin, Germany; vested in the Alien Property Custodian. Producing light polarizing bodies. 2,390,162; Dec. 4.

Meyer, Leonard S.: *See*—
Howald, A. M., and Meyer.

Meyer, Leonard S., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Treatment of urea-formaldehyde resin foam. 2,384,387; Sept. 4.

Meyer, Maxmilian C., Brooklyn, N. Y. Contact earring. 2,370,808; Mar. 6.

Meyer, Ronald E.: *See*—
Moran, R. C., Meyer, Otto, and Oberright.
Otto, F. P., and Meyer.
Otto, F. P., Meyer, and Moran.

Meyer, Siegfried, New York, N. Y. Garment hanger for bags and like receptacles. 2,383,009; Aug. 21.

Meyer, Walter G., Warren, Pa., assignor to A. E. Staley Manufacturing Company, Decatur, Ill. Manufacture of levulinic acid. 2,382,572; Aug. 14.

Meyer, Walter W., Arlington Heights, assignor to Rotary Seal Company, Chicago, Ill. Seal. 2,385,420; Sept. 25.

Meyer, Willard A., Mamaroneck, assignor to American Can Company, New York, N. Y. Producing can bodies. 2,381,460; Aug. 7.

Meyer, William: *See*—
Krone, H. C., and Meyer.

Meyer, William E., Detroit, Mich., and R. M. Roberts, Granville, Ohio; said Meyer assignor to Parker-Wolverine Company, Detroit, Mich., and said Roberts assignor to Owens-Corning Fiberglas Corporation, Toledo, Ohio. Camouflage fabricating machine. 2,371,458; Mar. 13.

Meyer, Willy, Jamaica, N. Y. Safety window seat. 2,387,085; Oct. 16.

Meyer, Wolfgang E.: *See*—
Beeh, L., Forster, and Meyer.

Meyerhoefer, Carl E., assignor to E. A. Laboratories, Inc., Brooklyn, N. Y. Heat transfer device. 2,377,094; May 29.

Meyers, Charles E., et al.: *See*—
Goldberg, H., and Meyers.

Meyers, Floyd M., Prospect, Ohio. Boat lamp. 2,375,311; May 8.

Meyers, Willis G., Elmwood Park, Ill. Multiple opposed piston engine. 2,388,756; Nov. 13.

Meystre, Charles: *See*—
Miescher, K., and Meystre.

Mez, Erich, Berlin-Charlottenburg, and F. Pott and W. Heinze, Zella-Mehlis, Germany; vested in the Alien Property Custodian. Typewriting accounting machine. 2,390,163; Dec. 4.

Mica Patents Trust et al., trustees: *See*—
Boughton, W. A., Mansfield, and Hughes, assignors.

Micafil Ltd. Works for Electrical Insulation and Winding Machine: *See*—
Kappeler, Hans, assignor.
Wirth, Otto, assignor.

Michael, Henry J.: *See*—
Staples, E. M., Taylor, and Michael.

Michael, Lawrence W., Lima, Ohio. Spinning tool. 2,383,330; Aug. 21.

Michaelis, Harold A.: *See*—
Shroyer, J. L., and Michaelis.

Michaelis, Harold A., Elmhurst, assignor to Edison General Electric Appliance Company, Inc., Chicago, Ill Waffle iron. 2,383,331; Aug. 21.

Michaelis, Willis C.: *See*—
Redding, Victor E., and Michaelis.

Michaels Art Bronze Company, The: *See*—
Michaels, Frank L., assignor.

Michaels, Clyde D.: *See*—
Fairley, F. E., Lindquist, Michaels, and Rodgers.

Michaels, Frank L., Fort Thomas, assignor to The Michaels Art Bronze Company, Covington, Ky. Light reflecting sign and making it. 2,377,508; June 5.

Michaels, Hunter, assignor to American Locomotive Company, New York, N. Y. Rotatable structure. 2,380,862; July 31.

Michaelson, Jesse L., Schenectady, N. Y., assignor to General Electric Company. Broken filament counter. 2,367,958; Jan. 23.

Michailoff, Alexander, Hinsdale, Ill., assignor to The Studebaker Corporation, South Bend, Ind. Grinder. 2,388,172; Oct. 30.

Michalke, Herman W., Denver, Colo. Knife cleaner for type-casting machines. 2,391,259; Dec. 18.

Michals, Edward S., assignor to Rho-Jan, Chicago, Ill. Compact case. 2,372,969; Apr. 3.

Michaud, Elzear V., Chicago, assignor to Harold T. Ames, Wilmette, Ill. Burning liquid fuel. 2,379,979; July 10.

Michaud, John C., Springfield, assignor to W. T. Turner, Charlemont, Mass. Clothes reel. 2,378,150; June 12.

Michelini, Nello, Chicago, Ill. Vending device. 2,370,743; Mar. 6.

Michelman, Nathan, Brooklyn, N. Y. Rolling door construction. 2,390,116; Dec. 4.

Michelman, Nathan, Brooklyn, N. Y. Rolling door construction. 2,390,117; Dec. 4.

Michelsen, Henry: *See*—
Gaudreau, O. E., and Michelsen.

Michelson, Julius, West Hartford, Conn. Drill sharpening device. 2,389,679; Nov. 27.

Michiana Products Corporation: *See*—
Nygren, Carl, assignor.

Michigan Patents Corporation: *See*—
Berger, J., and Hirsch, assignors.
Main, Donald W., assignor.
Main, D. W., and Cox, assignors.

Michigan State Board of Agriculture: *See*—
Bouyoucos, George, assignor.

Michigan State Board of Agriculture, The: *See*—
Petering, H. G., and Morgal, assignors.

Michigan Steel Tube Products Co.: *See*—
Beardsley, Harold, assignor.

Michigan Tool Company: *See*—
Christensen, Harold V., assignor.
Pelphrey, Harry, assignor.
Sneed, John, assignor.

Michna, Edward N., assignor to E. Michna, Detroit, Mich. Conveyer mechanism. 2,389,479; Feb. 13.

Michna, Evelyn: *See*—
Michna, Edward N., assignor.

Mickelson, Alfred O., Elmhurst, assignor to Pipe Line Service Corporation, Franklin Park, Ill. Pipeline coating and wrapping machine. 2,370,254; Feb. 27.

Mickey, John A.: *See*—
Richards, A. B., Mickey, and O'Reilly.

Micro Products Corporation: *See*—
Fill, John V., assignor.

Micromatic Hone Corporation: *See*—
Connor, K. W., and Kline, assignors.
Klein, James B., assignor.
Kline, John E., assignor.
Kline, J. E., and White, assignors.

Microstat Corporation: *See*—
Pratt, Verneur E., assignor.

Micuta, George R., Waterbury, Conn. Steering wheel. 2,379,492; July 3.

Mid-Continent Petroleum Corporation: *See*—
Bennett, H. T., and Marshall, assignors.
Dons, E. M., and Mauro, assignors.

Middel, Hendrik D., Schenectady, N. Y., assignor to General Electric Company. Electromagnetic apparatus. 2,388,070; Oct. 30.

Middel, Hendrik D., Schenectady, N. Y., assignor to General Electric Company. Totalizing telemetering system. 2,389,449; Nov. 20.

Middlebrook, William R.: *See*—
Phillips, H., Middlebrook, and Higgins.

Middleby-Marshall Oven Company: *See*—
Nalbach, John R., assignor.
Nalbach, J. R., and Haupt, assignors.

Middler, Alexander J., Detroit, Mich. Nondead centering crank actuating mechanism. 2,384,950; Sept. 18.

Middlestead, Charles W.: *See*—
Winter, O. W., and Middlestead.

Middleton, Gordon H., assignor of one-half to H. J. Ohl, Superior, Ariz. Animal trap. 2,374,691; May 1.

Middleton, Ralph E., North Hollywood, Calif., assignor to Aireon Manufacturing Corporation. Simplified brake valve. 2,380,683; July 31.

Midland Steel Products Company, The: *See*—
Drda, Alois P., assignor.
Helmuth, Louis W., assignor.
Smith, William E., assignor.

Midling, Eugene A.: *See*—
Batterson, E. W., and Midling

Mid-States Gummed Paper Co.: *See*—
McHenry, Irving, assignor.

Mid West Sales & Service, Inc.: *See*—
Paulson, Theodore R., assignor.

Miehle Printing and Manufacturing Company: *See*—
Hunting, Irving A., assignor.

Miehle Printing Press and Manufacturing Company, The: *See*—
Peyrebrune, H. E., and Pasquinelli, assignors.

Mieras, Merritt A., Redford Township, Wayne County, assignor to Industrial Wire Cloth Products Company, Wayne, Mich. Oil screen. 2,372,286; Mar. 27.

Mierley, George M., Upper Darby, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Steam chest construction. 2,367,134; Jan. 9.

Miescher, Karl, Riehen, Switzerland, assignor to Ciba Pharmaceutical Products Incorporated, Summit, N. J. 3-derivatives of the saturated and unsaturated androstan-3-one-17-ols substituted in 17-position and making same as well as the corresponding free ketones. 2,386,331; Oct. 9.

Miescher, Karl, Riehen, and J. Heer, Basel, Switzerland, assignors by meane assignments to Ciba Pharmaceutical Products, Incorporated, Summit, N. J. Manufacture of polynuclear carbonyl compounds and their enol esters. 2,372,841; Apr. 3.

Miescher, Karl, Riehen, and A. Wettstein, Basel, Switzerland, assignors to Ciba Pharmaceutical Products, Incorporated, Summit, N. J. Saturated and unsaturated 17-hydroxy-androstanes, their derivatives and substitution products and making same. 2,374,369; Apr. 24.

Miescher, Karl, Riehen, and A. Wettstein, Basel, Switzerland, assignors to Ciba Pharmaceutical Products, Incorporated, Summit, N. J. Saturated and unsaturated 17-hydroxy-androstanes, their derivatives and substitution products and making same. 2,374,370; Apr. 24.

Miescher, Karl, Riehen, J. Heer, Basel, Switzerland, and W. Fischer, assignors to Ciba Pharmaceutical Products Inc., Summit, N. J. Glucosides and making the same. 2,376,443; May 22.

Miescher, Karl, Riehen, and C. Meystre, Basel, Switzerland, assignors to Ciba Pharmaceutical Products Inc., Summit, N. J. Esters of inorganic acids and making same. 2,381,073; Aug. 7.

Miess, Fred, Gary, Ind. Centrifugal pump. 2,376,071; May 15.

Mieth, Otto, Minneapolis, Minn. Cam making machine. 2,386,973; Oct. 16.

Mighton, Charles J.: *See*—
Harmon, J., and Mighton.

Mighton, Charles J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Vulcanizates of furylethylene polymers. 2,390,446; Dec. 4.

Miglarese, John, assignor to The National Marking Machine Company, Cincinnati, Ohio. Identification marking of fabrics. 2,384,039; Sept. 4.

Migrdichian, Vartkes, Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Guanidine pentachlorphenate. 2,377,167; May 29.

Migrdichian, Vartkes, Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Amine salts of nitrated phenolic compounds and preparing the same. 2,385,719; Sept. 25.

Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Exposure indicating spool and camera support therefor. 2,367,514; Jan. 16.

Mika, Thomas F.: *See*—
Bernstein, W. F., Mika, Lillis, and Colwell.

Mikelson, Nordal, assignor of forty-five per cent to R. E. and W. J. Dickenson, Sioux Falls, S. Dak. Smoking pipe. 2,375,312; May 8.

Mikeska, Louis A.: *See*—
Arundale, E., and Mikeska.
Nelson, J. F., and Mikeska.

Mikeska, Louis A., Westfield, N. J., assignor to Standard Oil Development Company. Blending agents for asphalts. 2,389,680; Nov. 27.

Mikeska, Louis A., Westfield, N. J., assignor to Standard Oil Development Company. Asphalt wetting agents. 2,389,681; Nov. 27.

Mikhalapov, George S., Media, Pa., assignor, by meane assignments, to The Taylor-Winfield Corporation, Warren, Ohio. Method and apparatus for welding. 2,388,430; Nov. 6.

Mikina, Stanley J.: *See*—
Hanna, C. R., Mikina, and Lynn.

Mikina, Stanley J., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Regulating system. 2,389,382; Nov. 20.

Mikula, Michael P.: *See*—
Blackmun, E. V., and Mikula.

Mikulas, William, West Brighton, Staten Island, N. Y., assignor to Conmar Products Corporation, Newark, N. J. Releasing end stop slide fastener. 2,381,359; Aug. 7.

Milan, Julius B., Galveston, Tex. Bending machine. 2,371,838; Mar. 20.

Milano, Sylvester, assignor to Maryland Plastics, Inc., Federalsburg, Md. Making dies. 2,371,061; Mar. 6.

Milano, Sylvester, assignor to Maryland Plastics, Inc., Federalsburg, Md. Producing plastic articles. 2,387,034; Oct. 16.

Milas, Nicholas A., Belmont, Mass., assignor to Research Corporation, New York, N. Y. Making vitamin A. 2,369,156; Feb. 13.

Milas, Nicholas A., Belmont, Mass., assignor to Research Corporation, New York, N. Y. Synthesis of ethers of vitamin A. 2,369,157; Feb. 13.

Milas, Nicholas A., Belmont, Mass., assignor to Research Corporation, New York, N. Y. Synthesis of vitamin A. 2,369,158; Feb. 13.

Milas, Nicholas A., Belmont, Mass., assignor to Research Corporation, New York, N. Y. Vitamin A derivatives and making same. 2,369,159; Feb. 13.

Milas, Nicholas A., Belmont, Mass., assignor to Research Corporation, New York, N. Y. Synthesis of vitamin A. 2,369,160; Feb. 13.

Milas, Nicholas A., Belmont, Mass., assignor to Research Corporation, New York, N. Y. Synthesis of vitamin A. 2,369,161; Feb. 13.

Milas, Nicholas A., Belmont, Mass., assignor to Research Corporation, New York, N. Y. Synthesis of vitamin A. 2,369,162; Feb. 13.

Milas, Nicholas A., Belmont, Mass., assignor to Research Corporation, New York, N. Y. Synthesis of vitamin A. 2,369,163; Feb. 13.

Milas, Nicholas A., Belmont, Mass., assignor to Research Corporation, New York, N. Y. Synthesis of vitamin A. 2,369,164; Feb. 13.

Milas, Nicholas A., Belmont, Mass., assignor to Research Corporation, New York, N. Y. Synthesis of vitamin A. 2,369,165; Feb. 13.

Milas, Nicholas A., Belmont, Mass., assignor to Research Corporation, New York, N. Y. Synthesis of vitamin A. 2,369,166; Feb. 13.

Milas, Nicholas A., Belmont, Mass., assignor to Research Corporation, New York, N. Y. Synthesis of vitamin A. 2,369,167; Feb. 13.

Milas, Nicholas A., Belmont, Mass., assignor to Research Corporation, New York, N. Y. Synthesis of vitamin A. 2,369,168; Feb. 13.

Milas, Nicholas A., Belmont, Mass., assignor to Research Corporation, New York, N. Y. Synthesis of vitamin A. 2,382,085; Aug. 14.

Milas, Nicholas A., Belmont, Mass., assignor to Research Corporation, New York, N. Y. Synthesis of ethers of vitamin A. 2,382,086; Aug. 14.

Milburn, Paul W., Los Angeles, and W. D. Adamson, West Los Angeles, assignors to Douglas Aircraft Company, Inc., Santa Monica, Calif. Shipping structure. 2,368,862; Feb. 6.

Milburn, Paul W., Los Angeles, and W. D. Adamson, West Los Angeles, assignors to Douglas Aircraft Company, Inc., Santa Monica, Calif. Shipping structure. 2,377,023; May 29.

Milem, Jackson A., Los Angeles, Calif. Antiseptic package. 2,367,417; Jan. 16.

Miles, Charles B., Upper Darby, assignor to The Pennsylvania Salt Manufacturing Company, Philadelphia, Pa. Preparing stabilized synthetic fluoaluminate. 2,382,327; Aug. 14.

Miles, James C., Cleveland, Ohio. Apparatus for hot-air heating systems. 2,369,681; Feb. 20.

Miles, James C., Cleveland, Ohio. Hot air heating furnace. 2,391,028; Dec. 18.

Miles Laboratories, Inc.: *See*—
Compton, W. A., and Treneer, assignors.
Kamlet, Jonas, assignor.
Treneer, Joseph M., assignor.

Miles, Robert H., Rochester, N. Y. Landing gear for flying machines. 2,376,374; May 22.

Miles, Thomas K.: *See*—
Tymstra, S., and Miles.

Miles, Thomas K., Orinda, assignor to Shell Development Company, San Francisco, Calif. Process for ground fixation. 2,378,235; June 12.

Miles, Walter R., New Haven, Conn., assignor to Research Corporation, New York, N. Y. Optical device. 2,378,493; June 19.

Miles, William S., Hastings-on-Hudson, and P. A. Voigt, Bellerose Manor, assignors to Johns-Manville Corporation, New York, N. Y. Wall construction. 2,369,595; Feb. 13.

Miles, William S., Hastings-on-Hudson, and P. A. Voigt, Bellerose Manor, assignors to Johns-Manville Corporation, New York, N. Y. Wall construction and fastener therefor. 2,391,792; Dec. 25.

Milius Shoe Company: *See*—
Moskowitz, Abram, assignor.

Milius, William S.: *See*—
Moskowitz, A., and Milius.

Milkweed Products Development Corporation: *See*—
Berkman, Boris, assignor.
Berkman, B., Bacon, and Weber, assignors.

Millar, John A., assignor to B. G. Millar, East Orange, N. J. Astronomical instrument. Re. 22,670; Aug. 28.

Millar, John R., Reno, Nev., assignor to National Automotive Fibres, Inc., Detroit, Mich. Automotive trim. 2,384,951; Sept. 18.

Millar, Ruth G.: *See*—
Millar, John A., assignor.

Millard, Frederick C., Pittsburgh, Pa. Siren. 2,367,233; Jan. 16.

Millard, Jacob F., Martinsburg, W. Va. Bottle closure. 2,389,072; Nov. 13.

Millard, Lee P.: *See*—
Mitchell, M. J., and Millard.

Millard, Lee P., Moline, Ill., assignor to International Harvester Company. Wheel mounting. 2,383,406; Aug. 21.

Millard, Lee P., and S. D. Pool, Moline, Ill., assignors to International Harvester Company. Harvester thresher. 2,369,745; Feb. 20.

Millek, Louis, Syosset, N. Y. Furniture. 2,377,024; May 29.

Millelot, Paul W., Jr.: *See*—
Robinson, J. E., Bopp, and Millelot.

Millen, John E., Cleveland, Ohio. Treating steel for drawing. 2,369,596; Feb. 13.

Miller, Abraham B., deceased, by H. E. Miller, Newark, administratrix, assignor to Hercules Powder Company, Wilmington, Del. Stabilizing soil. 2,369,682; Feb. 20.

Miller, Abraham B., deceased, by H. E. Miller, Newark, administratrix, assignor to Hercules Powder Company, Wilmington, Del. Stabilization of soils. 2,370,983; Mar. 6.

Miller, Abraham B., Newark, assignor to Hercules Powder Company, Wilmington, Del. Stabilization of soils. 2,375,019; May 1.

Miller, Abraham B., deceased, by H. E. Miller, administratrix, Newark, assignor to Hercules Powder Company, Wilmington, Del. Soil stabilization. 2,377,639; June 5.

Miller, Albert W., Jamaica, N. Y. Detachable coupling. 2,383,010; Aug. 21.

Miller, Alberta, Indianapolis, Ind. Brassière. 2,388,757; Nov. 13.

Miller, Alexander A., and T. F. Bradley, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Diene reaction products and process. 2,375,937; May 15.

Miller, Alexander A., Stamford, Conn., and T. F. Bradley, Edgewood, Md., assignors to American Cyanamid Company, New York, N. Y. Reaction products of dienes and producing same. 2,382,803; Aug. 14.

Miller, Alfred L.: *See*—
Weisberg, S. M., Stimpson, and Miller.

Miller, Anthony, Elmira, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Two-stage starting system for internal-combustion engines. 2,373,256; Apr. 10.

Miller, Arthur E., assignor to Visco-Meter Corporation, Buffalo, N. Y. Spray cleaner. 2,385,150; Sept. 18.

Miller, Arthur J., and E. P. Sauerborn, Newark, N. J., assignors to Federal Telephone & Radio Corporation, New York, N. Y. Manufacture of selenium elements. 2,379,919; July 10.

Miller, August F., assignor to Vac-U-Matic Corporation, Chicago, Ill. Automotive vehicle speed control device. 2,391,586; Dec. 25.

Miller, Benjamin F.: *See*—
Baker, Z., and Miller.

Miller, Bernard M., Sheffield, England. Sharpening instrument. 2,380,539; July 31.

Miller, C. Roy: *See*—
Beekman, Robert L., assignor.

Miller, Carl L., Franklin Furnace, assignor to Vulcan Corporation, Portsmouth, Ohio. Spring wedge heel. 2,383,877; Aug. 28.

Miller, Carroll De V., Rocky River, assignor to The American Monorail Company, Cleveland, Ohio. Apparatus for cleaning textile machines. 2,378,361; June 12.

Miller, Carroll E., and J. M. Ingalls, assignors to Cone Automatic Machine Company Inc., Windsor, Vt. Precision threading attachment. 2,376,164; May 15.

Miller, Cecil, and G. W. Tippie, Pomona, Calif. Swivel. 2,387,599; Oct. 23.

Miller, Chant A., Winamac, and S. L. Border, Monon, Ind. Dental tool sharpening device. 2,391,260; Dec. 18.

Miller, Charles F.: *See*—
Huff, Van E., assignor.

Miller, Charles F., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Printing nylon. 2,366,940; Feb. 6.

Miller, Charles G., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Selective ringing telephone system. 2,388,071; Oct. 30.

Miller, Charles H., Amityville, and C. H. A. Hartley, Garden City, N. Y., assignors to Republic Aviation Corporation. Aircraft armament. 2,373,904; Apr. 17.

Miller, Charles H., Amityville, N. Y., assignor to Republic Aviation Corporation. Aircraft landing gear. 2,379,173; June 26.

Miller, Charles H., Chicago, Ill. Beverage mixing machine. 2,391,066; Dec. 18.

Miller, Clarence A., assignor to Kresky Manufacturing Company, Petaluma, Calif. Oil burner. 2,391,585; Dec. 25.

Miller, Clarence H., assignor to Machine Products Corporation, Detroit, Mich. Layout fixture. 2,380,664; July 31.

Miller Company, The: *See*—
De Lancey, Ralph W., assignor.
Donnelly, James, assignor.
Naysmith, Shirley R., assignor.

Miller, Don L.: *See*—
Surber, Kenneth F., assignor

Miller, Dustin Y.: *See*—
Seymour, G. W., and Miller.

Miller, E. L.: *See*—
Walther, G., and Miller.

Miller, Edgar R.: *See*—
Skriba, R. A., Miller, and Littell.

Miller, Edward G., and R. E. Engberg, Clayton, Mo. Geared magnetic clutch and motor. 2,370,872; Mar. 6.

Miller, Edward W., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Method and apparatus for smooth-finish gear grinding. 2,368,559; Jan. 30.

Miller, Edward W., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Planetary gear generating machine with indexing means. 2,371,770; Mar. 20.

Miller, Edward W., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Machine for generating fine pitch and other gears. 2,372,596; Mar. 27.

Miller, Edward W., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Dressing apparatus for formed grinding wheels and the like. 2,372,597; Mar. 27.

Miller, Edward W., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Automatic gear grinding machine. 2,387,166; Oct. 16.

Miller, Edward W., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Generative gear grinding machine with feed controlling slide. 2,387,167; Oct. 16.

Miller, Edward W., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Generative grinding machine. 2,388,173; Oct. 30.

Miller, Edward W., and A. I. Bean, assignors to The Fellows Gear Shaper Company, Springfield, Vt. Machine for generating spiral face gears. 2,371,702; Mar. 20.

Miller, Edwin A., Fairfield, Conn. Rivet operable by means of hammer blows. 2,376,072; May 15.

Miller, Edwin A., Fairfield, Conn. Lock nut. 2,377,168; May 29.

Miller, Edwin A., Fairfield, Conn. Lock nut. 2,379,980; July 10.

Miller, Edwin A., Fairfield, Conn. Compound screw. 2,382,019; Aug. 14.

Miller, Ellis, Brussels, Belgium. Oxidized soybean oil and plastic compositions containing the same. 2,374,092; May 1.

Miller, Eloir P., El Campo, Tex. Machine for shelling rice and other grains. 2,381,507; Aug. 7.

Miller Engineering Corporation: *See*—
Miller, Raymond J., assignor.

Miller, Ernest F., Lansdowne, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Pressure vessel construction. 2,375,999; May 15.

Miller, Ernest F., Lansdowne, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Gear construction. 2,380,776; July 31.

Miller, Erwin C., Rome, N. Y., assignor to The Union Fork & Hoe Company, Columbus, Ohio. Gas heating apparatus. 2,369,746; Feb. 20.

Miller, Erwin C., Rome, N. Y., assignor to The Union Fork & Hoe Company, Columbus, Ohio. Gas burner heating system and apparatus therefor. 2,373,326; Apr. 10.

Miller, Frank, West Orange, N. J., assignor to Ingersoll-Rand Company, New York, N. Y. Drilling apparatus. 2,376,974; May 29.

Miller, Frank A., Troy, N. Y. Reamer. 2,372,219; Mar. 27.

Miller, Frank D., assignor to Mixing Equipment Co., Inc., Rochester, N. Y. Dispersing agitator. 2,384,952; Sept. 18.

Miller, Frank V.: *See*—
McLain, W. R., Miller, and Green.

Miller, Frank W., assignor to Franclare Company, Chicago, Ill. Boiler conditioning apparatus. Re. 22,590; Jan. 16.

Miller, Fred M., Bala-Cynwyd, A. C. Shape, Upper Darby, and W. H. McClelland, Wynnewood, assignors to General Refractories Company, Philadelphia, Pa. Mechanical stoker for kilns and their mountings. 2,384,762; Sept. 11.

Miller, Frederick B., Chicago, Ill. Mining machine. 2,368,863; Feb. 6.

Miller, George F., Warren, Ohio. Reel. 2,377,640; June 5.

Miller, George H., Athol, Mass. Foldable cribbage board. 2,384,040; Sept. 4.

Miller, George H., Erie, Pa., assignor to International Harvester Company. Agricultural implements. 2,383,407; Aug. 21.

Miller, George L, Canton, Ohio. Machine for distortion correction in metal plate. 2,376,853; May 22.

Miller, Gerald W., et al.: *See*—
Williams, Dan T., assignor.

Miller, Godfrey A.: *See*—
Bailey, F. A., and Miller.

Miller, Godfrey A., assignor to The De Vilbiss Company, Toledo, Ohio. Conveyer. 2,382,087; Aug. 14.

Miller, Guy O., Oak Park, Ill. Ironing table. 2,376,165; May 15.

Miller, Harry, Columbia, Mo., assignor, by mesne assignments, to National Argol Company, Inc., Washington, D. C. Conversion of a mixture of acetaldehyde and ethylene to butadiene. 2,377,025; May 29.

Miller, Harry, Vandalia, Mo., assignor to National Agrol Company, Inc., New York, N. Y. Making a catalyst and resulting product. 2,379,736; July 3.

Miller, Hazel E., administratrix: *See*—
Miller, Abraham B.

Miller, Henry C.: *See*—
Smith, E. I., and Miller.

Miller, Henry C., Claymont, and R. S. Schreiber, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Compounds. 2,379,821; July 3.

Miller, Henry J., assignor of one-third to V. Moore, Sioux Falls, S. Dak. Atomizing sprayer for medicinal and chemical preparations. 2,389,864; Nov. 27.

Miller, Hoke S., Stamford, Conn., assignor to Air Reduction Company, Incorporated, New York, N. Y. Dehydrating alcohols. 2,377,026; May 29.

Miller, Hoke S., Stamford, Conn., assignor to Air Reduction Company, Incorporated, New York, N. Y. Production of ethylene. 2,378,236; June 12.

Miller, Horace G.: *See*—
Wallace, M., and Miller.

Miller, Ira A., and M. M. Verheul, Houston, Tex. Valve structure for use on well casings and the like. 2,375,432; May 8.

Miller, Joe: *See*—
Sullivan, B. J., and Miller.

Miller, John: *See*—
Johnson, R. W., and Miller.

Miller, John A., Pittsburgh, Pa., assignor to National Tube Company. Inspection table. 2,385,321; Sept. 18.

Miller, John F., Lakewood, Ohio, assignor to Solvay Sales Corporation, New York, N. Y. Composition for dustproofing coal. 2,371,344; Mar. 13.

Miller, John L.: *See*—
Hinkley, R. A., and Miller.

Miller, John S., Rahway, N. J., and J. L. Present, assignors to Hercules Powder Company, Wilmington, Del. Asphalt composition. 2,376,797; May 22.

Miller, John S., Rahway, N. J., and J. L. Present, assignors to Hercules Powder Company, Wilmington, Del. Bituminous compositions. 2,376,798; May 22.

Miller, John W.: *See*—
Jones, D. F., Miller, and Figg.
Petersen, J. S., Miller, Wendshuh, and Moser.

Miller, John W., London, assignor to Goodmans Industries Limited, Wembley, Middlesex, England. Chuck for coil winding machines. 2,370,563; Feb. 27.

Miller, John W., and W. G. Smith, assignors to Motor Wheel Corporation, Lansing, Mich. Combustion apparatus. 2,374,693; May 1.

Miller, Joseph: *See*—
Buck, A. W., and Miller.

Miller, Joseph C., Russell, Minn. Resilient tire construction. 2,366,638; Jan. 2.

Miller, Joseph, et al.: *See*—
Cibert, Harold, assignor.

Miller, Karl H., North Canton, assignor to Diebold, Incorporated, Canton, Ohio. Card tray follower construction. 2,389,923; Nov. 27.

Miller, Kay, assignor to The Atwood Vacuum Machine Company, Rockford, Ill. Two-way clutch. 2,379,023; June 26.

Miller, Kay, New Brunswick, assignor to Joseph Dixon Crucible Company, Jersey City, N. J. Machine for preparing newsprint paper for use as pencil sheaths. 2,375,676; May 8.

Miller, Lee B., assignor to Enger-Kress Company, West Bend, Wis. Theftproof billfold. 2,369,597; Feb. 13.

Miller, Leo G., Wichita, Kans. Auto trailer brake. 2,388,336; Nov. 6.

Miller, Leonidas C., assignor of one-half to Eastman Oil Well Survey Company, Dallas, Tex., and one-half to Eastman Oil Well Survey Corporation, Long Beach, Calif. Well Tool. 2,375,313; May 8.

Miller, Leslie T., Stoneleigh, assignor to The Glen L. Martin Company, Baltimore, Md. Oil temperature control valve. 2,374,639; Apr. 24.

Miller, Leslie T., Stoneleigh, assignor to The Glenn L. Martin Company, Middle River, Md. Lubrication system control valve. 2,383,878; Aug. 28.

Miller, Lewis, Marion, Ohio. Bulk material squeezer 2,371,403; Mar. 13.

Miller, Lloyd E.: *See*—
Smith, R. H., Miller, and Dunning.

Miller, Lloyd L.: *See*—
Gove, O. N., and Miller.

Miller, Louis G.: *See*—
Statler, W. H., and Miller.

Miller, Michael E., Omaha, Nebr. Equalizing return trap. 2,366,746; Jan. 9.

Miller, Milo F., Kansas City, Mo. Insect attractor and destroyer. 2,384,190; Sept. 4.

Miller, Nellie E., McLean, Va. Window cleaning device. 2,387,926; Oct. 30.

Miller, Nicholas, Berwyn, Ill. Light meter. 2,373,327; Apr. 10.

Miller, Norma D.: *See*—
Evans, R. M., and Miller.

Miller, Ohmer R., Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telemetric device. 2,381,920; Aug. 14.

Miller, Oran E.: *See*—
Capstaff, John G., and Miller.

Miller, Oran E., assignor to Eastman Kodak Company, Rochester, N. Y. Sensitometry. 2,376,160; May 15.

Miller, Osborn M., assignor to American Geographical Society, New York, N. Y. Optical system. 2,377,509; June 5.

Miller, Paul V., assignor to The Taft-Peirce Manufacturing Company, Woonsocket, R. I. Surface grinding machine. 2,375,128; May 1.

Miller, Pharis, Elizabeth, and G. H. Cloud, Linden, N. J., assignors to Standard Oil Development Company. Fuels for combustion. 2,373,044; Apr. 3.

Miller, Pharis, Elizabeth, N. J., assignor to Standard Oil Development Company. Antiknock motor fuel. 2,375,236; May 8.

Miller Pottery Engineering Company: *See*—
Miller, William J., assignor.
Miller, W. J., and Reek, assignors.
Miller, W. J., and Wahl, assignors.

Miller Printing Machinery Co.: *See*—
Kunz, John, assignor.
Neuhart, Andrew, assignor.
Saul, August A., assignor.
Sinkovitz, Joseph, assignor.

Miller, Ralph: *See*—
Hixson, A. W., and Miller.

Miller, Raymond E., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Variable load brake. 2,367,598; Jan. 16.

Miller, Raymond E., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Automatic blow-off valve apparatus. 2,385,151; Sept. 18.

Miller, Raymond J., Detroit, Mich. Turbo transmission. 2,379,174; June 26.

Miller, Raymond J., assignor to Hydraulic Brake Company, Detroit, Mich. Fluid coupling. 2,367,364; Jan. 16.

Miller, Raymond J., assignor to Miller Engineering Corporation, Detroit, Mich. Making molds having accommodation cores. 2,368,718; Feb. 6.

Miller, Raymond J., assignor to Miller Engineering Corporation, Detroit, Mich. Temperature control mold. 2,368,719; Feb. 6.

Miller, Raymond J., assignor to Hydraulic Brake Company, Detroit, Mich. Fluid coupling. 2,368,996; Feb. 6.

Miller, Raymond J., assignor to American Pattern and Manufacturing Co., Detroit, Mich. Motion-picture projector. 2,374,628; May 1.

Miller, Raymond J., assignor to American Pattern and Manufacturing Co., Detroit, Mich. Self-locking nut. 2,384,953; Sept. 18.

Miller, Raymond J., assignor to Bendix Aviation Corporation, Detroit, Mich. Electrical connection. 2,386,332; Oct. 9.

Miller, Raymond J., assignor to American Pattern and Manufacturing Co., Detroit, Mich. Motion picture projector. 2,388,794; Nov. 13.

Miller, Raymond J., assignor to Miller Engineering Corporation, Detroit, Mich. Making molds having transition cores. 2,391,587; Dec. 25.

Miller, Raymond M., Estacada, Oreg. Cultivator plow. 2,390,447; Dec. 4.

Miller, Raymond S., and K. Seidel, assignors to Vickers Incorporated, Detroit, Mich. Solenoid construction. 2,383,332; Aug. 21.

Miller, Richard F.: *See*—
Grossman, M. A., and Miller.

Miller, Richard F., Summit, N. J., assignor to United States Steel Corporation. Steel and improving the creep strength thereof. 2,376,073; May 15.

Miller, Robert: *See*—
Halford, F. B., Brodie, and Miller.
Waggoner, G., and Miller.

Miller, Robert A., Tarentum, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Preparing electrotypes. 2,384,113; Sept. 4.

Miller, Robert K.: *See*—
Gibbs, C. D., and Miller.

Miller, Russell L., Dayton, Ohio, assignor to Chrysler Corporation, Detroit, Mich. Gas burner. 2,389,270; Nov. 20.

Miller, Sam W., Portland, Oreg. Electrode holder. 2,371,306; Mar. 13.

Miller, Samuel, et al.: *See*—
Cibert, Harold, assignor.

Miller, Samuel C., assignor to Frankfort Distilleries, Incorporated, Louisville, Ky. Bottle closure. 2,367,883; Jan. 23.

Miller, Samuel C., New York, N. Y. Housing for interior lighting. 2,374,228; Apr. 24.

Miller, Samuel C., New York, N. Y. Mounting for neon tubes and the like. 2,375,484; May 8.

Miller, Samuel C., New York, N. Y. Adapter and insulator construction for interior illumination. 2,375,807; May 15.

Miller, Samuel C., New York, N. Y. Electrode for luminous tube. 2,375,808; May 15.

Miller, Samuel C., New York, N. Y. Electrode and making the same. 2,379,025; June 26.

Miller, Stuart P., Scarsdale, N. Y., assignor, by mesne assignments, to Allied Chemical & Dye Corporation. Carrying out continuous fusion reactions. 2,378,314; June 12.

Miller, Theodore, assignor to George Gorton Machine Co., Racine, Wis. Mechanism for the production of electric arc etching electrodes. 2,377,843; June 5.
Miller, Theodore J.: *See*—
Carlton, R. P., and Miller.
Miller, Theodore J., St. Paul, and R. G. Riedesel, North St. Paul, assignors to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Spliced abrasive belt, band, and the like. 2,391,731; Dec. 25.
Miller, Tyre, Boynton, Okla. Gasoline and water separator. 2,387,035; Oct. 16.
Miller, Wallace B., West Caldwell, N. J., assignor to General Electric Company. Temperature control system and apparatus. 2,383,811; Aug. 28.
Miller, Walter G.: *See*—
Kidrick, E. F., and Miller.
Miller, Wayland R., Whitefish Bay, assignor to Perfex Corporation, Milwaukee, Wis. Combustion control. 2,377,356; June 5.
Miller, William A., Port Jefferson, and E. R. Shenk, Brooklyn, N. Y., assignors to Radio Corporation of America. Frequency multiplier. 2,390,608; Dec. 11.
Miller, William C.: *See*—
Richards, D. L., and Miller.
Miller, William F., Evansville, Ind., assignor to Industrial Engineering Corporation. Automatic control for heating systems. 2,381,223; Aug. 7.
Miller, William H., Toledo, Ohio. Vertical blow unit heater. 2,370,181; Feb. 27.
Miller, William J., Swissvale, Pa. Method and apparatus for manufacturing pottery ware. 2,370,410; Feb. 27.
Miller, William J., assignor to Miller Pottery Engineering Company, Swissvale, Pa. Method and apparatus for feeding clay to molds. 2,374,553; Apr. 24.
Miller, William J., assignor to Miller Pottery Engineering Company, Swissvale, Pa. Apparatus for feeding clay to molds. 2,374,554; Apr. 24.
Miller, William J., assignor to Miller Pottery Engineering Company, Swissvale, Pa. Method and apparatus for appendaging pottery ware. 2,374,555; Apr. 24.
Miller, William J., assignor to Miller Pottery Engineering Company, Swissvale, Pa. Friction clutch. 2,376,799; May 22.
Miller, William J., assignor to Miller Pottery Engineering Company, Swissvale, Pa. Apparatus for manufacturing pottery. 2,376,800; May 22.
Miller, William J., assignor to Miller Pottery Engineering Company, Swissvale, Pa. Pressing apparatus for shaping clay and operation. 2,379,737; July 3.
Miller, William J., Swissvale, assignor to Miller Pottery Engineering Company, Swissvale, Pa. Method and apparatus for jiggering potteryware. 2,384,845; Sept. 18.
Miller, William J., Swissvale, assignor to Miller Pottery Engineering Company, Swissvale, Pittsburgh, Pa. Method and apparatus for manufacturing pottery ware. 2,387,927; Oct. 30.
Miller, William J., assignor to Miller Pottery Engineering Company, Swissvale, Pa. Automatic, change speed drive for potteryware jiggering apparatus. 2,389,629; Nov. 27.
Miller, William J., Swissvale, and A. J. Reek, Carrick, assignors to Miller Pottery Engineering Company, Swissvale, Pa. Apparatus for appendaging prefabricated potteryware. 2,374,556; Apr. 24.
Miller, William J., Swissvale, and A. J. Wahl, Pittsburgh, assignors to Miller Pottery Engineering Company, Swissvale, Pittsburgh, Pa. Apparatus and method for feeding clay to cavitous jigger molds. 2,389,163; Nov. 20.
Millers Falls Company: *See*—
Shortell, William H., assignor.
Millikan, Charles V., Tulsa, Okla., assignor to Geophysical Research Corporation, New York, N. Y. Oil well testing device. 2,374,557; Apr. 24.
Millholland, William K., Indianapolis, Ind. Multiple-operation machine assembly. 2,371,906; Mar. 20.
Milligan, John G.: *See*
Davis, G. D., Price, and Milligan.
Millington, John W., Beaumont, Tex., assignor to Sperry-Sun Well Survey Company, Philadelphia, Pa. Electrical prospecting method and apparatus. 2,376,610; May 22.
Mills, Albert W., and F. J. Furman, Endicott, and E. J. Rabenda, Binghamton, assignors to International Business Machines Corporation, New York, N. Y. Punching apparatus. 2,377,801; June 5.
Mills, Aubrey R., Southgate, London, N. 14, England. Die-casting machine. 2,390,263; Dec. 4.
Mills, Bert E., Oak Park, Ill., assignor to Mills Industries, Incorporated. Coin dispensing device. 2,376,880; May 29.
Mills, Edward J., Jr., Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Making primary alkylated benzenes and naphthalenes. 2,388,758; Nov. 13.
Mills Engineering Company: *See*—
Mills, Herbert E., assignor.
Mills, Gordon F., Palo Alto, and A. V. Alm, Burlingame, assignors to Chemical Process Company, San Francisco, Calif. Artificial resin and preparation. 2,389,865; Nov. 27.
Mills, Herbert E., Cleveland, Tenn. Threadless fastening device. 2,369,480; Feb. 13.
Mills, Herbert E., assignor to Eureka Vacuum Cleaner Company, Detroit, Mich. Flashless discharger and flare. 2,375,314; May 8.
Mills, Herbert E., Cleveland, Tenn., assignor, by mesne assignments, to Mills Engineering Company, Detroit, Mich. Gas burner. 2,385,528; Sept. 25.
Mills Industries, Incorporated: *See*—
Hultkrans, Paul B., assignor.
Mills, John E: *See*—
Nobles, W. H., and Mills.
Mills, Kenneth N.: *See*—
Rudrow, F. S., and Mills.
Millson, Henry E., Plainfield, N. J., assignor to American Cyanamid Company, New York, N. Y. Method of dyeing. 2,366,347; Jan. 2.
Milnarik, William, and J. Bradshaw, assignors to Alexander Smith & Sons Carpet Company, Yonkers, N. Y. Scavenger roll mechanism. 2,366,348; Jan. 2.
Milne, William, Barre, Vt. Stone saw. 2,379,243; June 26.
Milner, Francis H: *See*—
McGeorge, W., and Milner.
Milner, Reid T.: *See*—
Coghill, R. D., and Milner.
Milner, William R.: *See*—
Johnson, J. C., and Milner.
Milnor, Joseph W., Maplewood, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Capacity loading system. 2,371,252; Mar. 13.
Milone, Charles R., assignor to Wingfoot Corporation, Akron, Ohio. Stabilization of esters. 2,385,018; Sept. 18.
Milone, Charles R., assignor to Wingfoot Corporation, Akron, Ohio. Catalytic reactions. 2,391,261; Dec. 18.
Milprint, Inc.: *See*—
Baker, James A., assignor.
Bennett, Milton, assignor.
Billeb, Clyde K., assignor.
Mills, Bert E., assignor.
Milstein, Jacob H., Jeannette, Pa. Candy containing toy telephone. 2,379,981; July 10.
Milster, Arthur N., Ferguson, assignor to Wagner Electric Corporation, St. Louis, Mo. Braking system for assisting vehicle steering. 2,366,207; Jan. 2.
Milwaukee Gas Specialty Company: *See*—
Engholdt, Richard K., assignor.
Hildebrecht, Charles V., assignor.
Manta, Harold A., assignor.
McCarty, Lourdes V., assignor.
Meusy, Eugene E., assignor.
Thornbery, John H., assignor.
Wants, Clarence, assignor.
Wants, C. and Hajny, assignors.
Wasson, Loerwood C., assignor.
Wiegers, Irvin E., assignor.
Milwaukee Tool & Die Company: *See*—
McCoy, James P. A., assignor.
Milward, Victor E., Clifton, Rugby, England, assignor to General Electric Company. Sweep circuit for cathode ray tubes. 2,383,333; Aug. 21.
Mindt, Karl, Fitchburg, Mass. Metal bulletproof window. 2,372,636; Mar. 27.
Mine Safety Appliances Company: *See*—
Jacobson, Moses G., assignor.
Strange, John P., assignor.
Yant, William P., assignor.
Miner, Alice T., et al., trustees: *See*—
Geiger, William A., assignor.
Miner, Alice T., trustee, et al.: *See*—
Geiger, William A., assignor.
Olander, Roland J., assignor.
Miner, Carroll R.: *See*—
Shea, R. F., and Miner.
Miner, Carroll R., Stratford, Conn., assignor to General Electric Company. Signal reproducing apparatus. 2,370,564; Feb. 27.
Miner, Floyd E., Chicago, Ill. Trailer wheel support and guiding means. 2,377,641; June 5.
Miner, Frederick M., Jr., assignor to Renim, Inc., Madison, Wis. Wet-pack sterilizer. 2,376,611; May 22.
Miner, Irving O., East Providence, assignor to Builders Iron Foundry, Providence, R. I. Venting means. 2,386,874; Oct. 16.
Miner, James B., Portland, Oreg. Compartment measure. 2,389,530; Nov. 20.
Miner, W. H., Inc.: *See*—
Dath, George E., assignor.
Forssell, Eric G., assignor.
Haseltine, Stacy B., assignor.
Haseltine, S. B., and Dath, assignors.
Lehman, Edward H., assignor.
Olander, Roland J., assignor.
Miner, William H., Foundation: *See*—
Geiger, William A.
Miner, William H., Foundation, et al.: *See*—
Geiger, William A., assignor.
Miner, William H., Foundation, The: *See*—
Geiger, William A.
Minerals Beneficiation, Incorporated: *See*—
Erck, Louis J., assignor.
Grove, David B., assignor.
Hold, Grover J., assignor.
Wuensch, Charles E., assignor.
Minerals and Metals Corporation: *See*—
Brassert, Herman A., assignor.
Hartley, James C., assignor.
Westling, Carl J., assignor.

Minerals Separation North American Corporation: *See*—
Schilling, K. F., Cole, Duke, and Houston, assignors.
Minerec Corporation: *See*—
Fischer, Arthur H., assignor.
Mines and Resources, His Majesty the King in the right of Canada, as represented by the Minister of: *See*—
Harkom, John F., assignor.
Ming, Yee S., Los Angeles, Calif. Submarine emergency saver. 2,374,296; Apr. 24.
Minge, Charles E.: *See*—
Minge, K. G., and C. E.
Minge, Kenneth G., Franklin, and C. E. Minge, Dayton, Ohio. Reclaiming waste asphaltic material. 2,368,371; Jan. 30.
Miniature Precision Bearings, et al.: *See*—
Pierce, Winslow S., Jr., assignor.
Minich, Arthur, Mountainside, assignor to Nuodex Products Co., Inc., Elizabeth, N. J. Bodying agent for liquid hydrocarbons. 2,390,609; Dec. 11.
Minich, Arthur, Westfield, N. J., Preparing hydroxy heavy metal soap compositions. 2,368,560; Jan. 30.
Minichello, Peter J., Pittston, assignor of one-half to Michael Valenzano, Dunmore, Pa. Mineral separating and sizing device. 2,391,029; Dec. 18.
Mininberg, Nathan D., New York, N. Y. Therapeutic apparatus. 2,374,492; Apr. 24.
Mining Engineering Company Limited, The: *See*—
Moore, Matthew S., assignor.
Mining Process and Patent Company: *See*—
Finney, John H. V., assignor.
Logue, Leland H., assignor.
Mink, Leon D.: *See*—
Parsons, C. H., and Mink.
Mink, Leon D., assignor to Industrial Patents Corporation, Chicago, Ill. Egg separator. 2,382,737; Aug. 14.
Minkow, Robert, New York, N. Y. Wire stitching machine. 2,371,062; Mar. 6.
Minneapolis-Honeywell Regulator Company: *See*—
Baak, Albert E., assignor.
Beam, Vilynn O., assignor.
Beam, V. O., and Wilson, assignors.
Berkholder, George H., assignor.
Boyer, James B., assignor.
Crum, Stephen, assignor.
Eastin, Maurice R., assignor.
Edelman, Walter E., assignor.
Field, William J., assignor.
Gille, Willis H., assignor.
Gille, W. H., and Petsch, assignors.
Gille, W. H., and Sigford, assignors.
Guler, G. D., and Kingsland, assignors.
Harris, John L., assignor.
Harrison, Thomas R., assignor.
Hermanson, Henning S., assignor.
Holmes, Gifford I., assignor.
Isserstedt, S. G., assignor.
Isserstedt, Siegfried G., assignor.
Kronmiller, Carl G., assignor.
Kriechbaum, John P., assignor.
Lange, Frederick E., assignor.
Mattern, Raymond P., assignor.
McGoldrick, William J., assignor.
McGrath, William L., assignor.
Newton, Alwin B., assignor.
Shivers, Paul F., assignor.
Spangenberg, C. B., and Swanson, assignors.
Sparrow, Hubert T., assignor.
Sparrow, H. T., and Wilson, assignors.
Taylor, Daniel G., assignor.
Taylor, D. G., and Gille, assignors.
Whempner, Russell H., assignor.
Wilson, John M., assignor.
Minneapolis-Moline Power Implement Company: *See*—
Ronning, M., and Keith, assignors.
Seaholm, John P., assignor.
Minneci, Salvatore, Pittsfield, Mass., assignor to General Electric Company. Electric circuit. 2,381,768; Aug. 7.
Minner, Walter, Erfurt, Germany; vested in the Alien Property Custodian. Track for toy vehicles. 2,383,940; Sept. 4.
Minnesota Mining & Manufacturing Company: *See*—
Carlton, Richard P., assignor.
Carlton, R. P., and Miller, assignors.
Cross, Bert S., assignor.
Gebhard, Melvin L., assignor.
Hendricks, James O., assignor.
Jewett, Clifford L., assignor.
Miller, T. J., and Riedesel, assignors.
Palmquist, Philip V., assignor.
Minnis, John H., Fort Worth, Tex. Hydraulic lifting device. 2,369,838; Feb. 20.
Minns, Frederick J.: *See*—
De Lubicz-Bakanowski, Z., and Minns.
Minshall, Robert J.: *See*—
Allen, E. T., and Minshall.
Minsk, Louis M., W. J. Weyerts, and W. H. McDowell, assignors to Eastman Kodak Company, Rochester, N. Y. Protective overcoating. 2,391,181; Dec. 18.
Minsky, Aaron: *See*—
Minsky, Benjamin, assignor.
Minsky, Benjamin, Allston, Mass., assignor of two-thirds to A. Minsky, Allston, Mass. Electrical stethoscope. 2,385,221; Sept. 18.
Minter, Clarke C., East Orange, N. J., assignor to Bulova Watch Company, New York, N. Y. Pressure measuring apparatus. 2,374,945; May 1.
Minto, Wallace L., Jersey City, N. J., assignor of twenty-one and sixty-six hundredths per cent to H. R. Van Deventer, twenty-one and sixty-six hundredths per cent to D. R. Keller, and twenty-one and sixty-six hundredths per cent to E. F. Waller, New York, N. Y. Beta amylose-iodine compound and production of the same. 2,383,334; Aug 21.
Minton, Clarence W., assignor to Hold Stitch Fabric Machine Company, Nashville, Tenn. Knitting machine. 2,378,315; June 12.
Minton, Clarence W., assignor to Hold Stitch Fabric Machine Company, Nashville, Tenn. Machine for producing knitted fabric. 2,378,316; June 12.
Minton, Clarence W., assignor to Hold Stitch Fabric Machine Company, Nashville, Tenn. Seamless knitted stocking. 2,378,317; June 12.
Minton, Gerald Z., Tarentum, assignor to Pittsburgh Plate Glass Co., Allegheny County, Pa. Glass supporting frame. 2,379,244; June 26.
Minton, John P., Dallas, Tex., assignor, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Geophysical prospecting apparatus. 2,371,973; Mar. 20.
Minton, John P., Dallas, Tex., assignor, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Seismograph. 2,375,433; May 8.
Mirando, Michael A., assignor to Imperial Knife Company, Inc., Providence, R. I. Can opener. 2,391,732; Dec. 25.
Mirsky, Sara, Forest Hills, assignor, by mesne assignments, to Maison France, New York, N. Y. Blouse. 2,388,926; Nov. 13.
Mische, Henry J., Belleville, N. J., assignor to American Chain & Cable Company, Inc., Bridgeport, Conn. Mechanism for treating wire rope. 2,391,793; Dec. 25.
Misfeldt, Charles C., Glendale, Calif. Lock nut and nut plate. 2,381,176; Aug. 7.
Misfeldt, Charles C., Glendale, Calif. Pressure molding. 2,391,182; Dec. 18.
Mishawaka Rubber and Woolen Manufacturing Company: *See*—
Cunningham, Marion M., assignor.
Keene, K. L., and Bargmeyer, assignors.
Mason, Claude D., assignor.
Pierce, F. G., and De Groote, assignors.
Miskella, William J., Cleveland, Ohio. Reflective panel. 2,387,804; Oct. 30.
Miskella, William J., Cleveland, Ohio. Oven-wall panel. 2,391,436; Dec. 25.
Miskelly, Raymond E., assignor to Plymouth Cordage Company, Plymouth, Mass. Marking granular, lumpy and dusty commodities. 2,367,040; Jan. 9.
Misset, Jean, Firminy, France; vested in the Alien Property Custodian. Adjusting device for rolling mills. 2,389,598; Feb. 13.
Mission Manufacturing Company: *See*—
Volpin, Alexander S., assignor.
Mistele, John W.: *See*—
Ploch, W. F., and Mistele.
Mital, John E., Alton, Ill., assignor to Shell Development Company, San Francisco, Calif. Stabilized aviation gasoline. 2,373,631; Apr. 10.
Mitchell, August, Middlebury, assignor to The Risdon Manufacturing Company, Naugatuck, Conn. Lipstick holder. 2,368,997; Feb. 6.
Mitchell, Bernard A., Chicago, Ill. Lighting fixture. 2,376,801; May 22.
Mitchell, Donald H.: *See*—
Burbank, W. E., and Mitchell.
Mitchell, Donald H., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Conveyer system. 2,366,279; Jan. 2.
Mitchell, Donald H., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Conveyer system. 2,372,789; Apr. 3.
Mitchell, Donald H., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Conveyer system. 2,375,863; May 15.
Mitchell, Donald H., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Grapple. 2,378,570; June 19.
Mitchell, Donald H., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Truck. 2,379,982; July 10.
Mitchell, Donald H., Cranford, and R. R. Pollard, East Orange, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Tilting apparatus. 2,386,906; Oct. 16.
Mitchell, Doren: *See*—
Abraham, L. G., and Mitchell.
Mitchell, Doren, Bound Brook, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electronic commutation of currents. 2,380,982; Aug. 7.
Mitchell, George J.: *See*—
Schilling, R. M., and Mitchell.
Mitchell, Gordon W. B., Newcastle-on-Tyne, assignor to Electrical Improvements Limited, London, England. Electric protective arrangement. 2,376,074; May 15.
Mitchell, Harold S.: *See*—
Eshbaugh, C. H., Mitchell, and Paddock.

Mitchell, Jabez T., Claremore, Okla. Removable form for concrete wall construction. 2,381,613; Aug. 7.

Mitchell, James A.: *See*—
Hyden, W. L., and Mitchell.

Mitchell, James A., Little Rock, Ark. Projectile. 2,372,970; Apr. 3.

Mitchell, James A., Kenmore, and D. D. Lanning, Williamsville, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Grease-resistant film. 2,374,767; May 1.

Mitchell, John C.: *See*—
Spence, L. U., and Mitchell.

Mitchell, Joseph E., assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Purification of organic compounds. 2,371,307; Mar. 13.

Mitchell, Jethro, Cincinnati, Ohio. Golf club carrier. 2,367,234; Jan. 16.

Mitchell, Melville J., Highland Park, Ill., assignor to International Harvester Company. Slip clutch. 2,375,020; May 1.

Mitchell, Melville J., Highland Park, and L. P. Millard, Moline, Ill., assignors to International Harvester Company. Harvester. 2,379,822; July 3.

Mitchell, Percival H., assignor to A. C. Ransom, Toronto, Ontario, Canada. Method and apparatus for the production of carbon black. 2,391,067; Dec. 18.

Mitchell, Robert, Detroit, Mich. Threaded fastener. 2,390,726; Dec. 11.

Mitchell, Robert, Detroit, Mich., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Fastener. 2,376,167; May 15.

Mitchell, Robert A., Wilmerding, and C. M. Hines, Pittsburgh, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Air raid warning system. 2,381,224; Aug. 7.

Mitchell, Robert, Co. Limited, The: *See*—
Clerk, Edouard, assignor.

Mitchell, Robert W., Benton Harbor, Mich. Structural unit for aircraft and the like. 2,372,510; Mar. 27.

Mitchell, Rollie H., Huntington Park, assignor to Killefer Manufacturing Corporation, Los Angeles, Calif. Disk gang assembly. 2,389,993; Nov. 27.

Mitchell, Rollie H., and T. M. Thomas, assignors to Killefer Manufacturing Corporation, Los Angeles, Calif. Disk harrow. 2,385,637; Sept. 25.

Mitchell, Rollin C., Spokane, Wash. Horse shoe. 2,381,177; Aug. 7.

Mitchell & Smith, Inc.: *See*—
Savidge, Clinton L., assignor.

Mitchell, Stanley J., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit breaker. 2,387,925; Oct. 30.

Mitchell, Wallace F., Chicago, assignor to Automotive Maintenance Machinery Co., North Chicago, Ill. Cylinder ridge reamer. 2,380,605; July 31.

Mitchell, Wallace F., Chicago, assignor to Automotive Maintenance Machinery Co., North Chicago, Ill. Centering means for boring machines. 2,391,183; Dec. 18.

Mitchell, Walter G., Aurora, assignor to Independent Pneumatic Tool Company, Chicago, Ill. Portable hand held electric tool. 2,373,842; Apr. 17.

Mitchell, Walter, Jr., Scarsdale, N. Y. Package. 2,382,368; Aug. 14.

Mitchko, Michael, Irvington, assignor to E. J. Brooks Company, Newark, N. J. Threading machine. 2,368,720; Feb. 6.

Mitereff, Sergei D., Petersburg, Va. Shock absorber. 2,375,377; May 8.

Mittag, Albert H., Schenectady, assignor to General Electric Company, New York, N. Y. Electric valve protective system. 2,366,544; Jan. 2.

Mittag, Albert H., and A. Schmidt, Jr., assignors to General Electric Company, Schenectady, N. Y. Electric valve translating apparatus and operation. 2,386,068; Oct. 2.

Mittelmann, Eugen, Chicago, Ill. Heat-treating metal in strip form 2,371,459; Mar. 13.

Mittelstadt, Roy, assignor to Paramount Textile Machinery Co., Kankakee, Ill. Garment treating form. 2,383,011; Aug. 21.

Mitton, W. E., Company: *See*—
Mitton, William E., assignor.

Mitton, William E., assignor, by mesne assignments, to W. E. Mitton Company, Shawano, Wis. Work table for handling eggs. 2,389,630; Nov. 27.

Mixing Equipment Co., Inc.: *See*—
Miller, Frank D., assignor.

Mixon, Lawson W., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Interface modifier. 2,375,315; May 8.

Mixon, Lawson W., and C. M. Loane, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Lubricants. 2,367,468; Jan. 16.

Mixon, Lawson W., and C. M. Loane, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Lubricant. 2,377,955; June 12.

Mize, George G., assignor to Diamond Chain and Manufacturing Company, Indianapolis, Ind. Chain belt. 2,368,372; Jan. 30.

Mize, William E.: *See*—
Stewart, R. R., and De Long, assignors.

Miser, Joseph J., assignor to Walker Manufacturing Company of Wisconsin, Racine, Wis. Muffler jack. 2,376,375; May 22.

Mobile Refrigeration, Inc.: *See*—
Lodwig, Erwin, assignor.

Mobius, Curt E.: *See*—
Kline, B. L., and Mobius.

Mobley, Broadus L., Germantown, Tenn. Portable race track. 2,376,444; May 22.

Mochel, Paul J., Los Angeles, Calif., assignor to Chrysler Corporation, Highland Park, Mich. Fair-lead. 2,369,169; Feb. 13.

Mock, Frank C.: *See*—
MacNeil, C. I., and Mock.

Mock, Frank C., assignor to Bendix Aviation Corporation, South Bend, Ind. Charge forming device. 2,372,332; Mar. 27.

Mock, Frank C., assignor to Bendix Products Corporation, South Bend, Ind. Pressure and temperature responsive mechanism. 2,376,711; May 22.

Mock, Frank C., assignor to Bendix Products Corporation, South Bend, Ind. Pressure responsive mechanism. 2,380,983; Aug. 7.

Mock, Frank C., assignor to Bendix Aviation Corporation, South Bend, Ind. Airscoop for internal-combustion engines. 2,388,213; Oct. 30.

Mock, Frank C., assignor to Bendix Products Corporation, South Bend, Ind. Liquid control mechanism. 2,390,658; Dec. 11.

Mock, Hugo, New York, N. Y. Abrasive paper rolls. 2,383,879; Aug. 28.

Modern, Albert E. H., West New York, and J. L. Burke, Weehawken, N. J. Traffic light. 2,390,610; Dec. 11.

Modigliani, Piero, Livorno, Italy, assignor to Owens-Corning Fiberglas Corporation, Toledo, Ohio, Manufacture of spun glass fibers. 2,369,481; Feb. 13.

Modine Manufacturing Company: *See*—
Arnold, Arthur B., assignor.

Moe Brothers Manufacturing Co.: *See*—
Eckert, G. E., and Moe, assignors.

Moe, Verrall I.: *See*—
Eckert, G. E. and Moe.

Moeller, Albert W., Des Moines, Iowa. Roofing. 2,371,180; Mar. 13.

Moeller, Elmo L., Santa Monica, Calif. Vehicle frame. 2,374,878; May 1.

Moeller, George L., assignor to Knapp-Monarch Company, St. Louis, Mo. Commutator structure and manufacture thereof. 2,388,006; Oct. 30.

Moeller, H. A.: *See*—
Orr, C. L., Moeller, and Settles.

Moeller, Raymond H. C., Oak Park, Ill. Canning. 2,380,984; Aug. 7.

Moeller, William C., assignor to A. F. Parmalee, doing business as United States Safety Service Co., Kansas City, Mo. Dispenser. 2,390,448; Dec. 4.

Moen, Alfred M., Seattle, Wash. Faucet. 2,373,702; Apr. 17.

Moen, Erick, Detroit, Mich. Tailstock for milling machines. 2,374,448; Apr. 24.

Moen, Leonard W., et al.: *See*—
Hage, Oscar, assignor.

Moen, Sylvan O., et al.: *See*—
Hage, Oscar, assignor.

Moessinger, Albert, assignor to Sulzer Freres, Societe Anonyme, Winterthur, Switzerland. Warp let-off device. 2,375,316; May 8.

Moessinger, Albert, assignor to Sulzer Frères, Societe Anonyme, Winterthur, Switzerland. Central safety device. 2,386,706; Oct. 9.

Moessinger, Albert, assignor to Sulzer Frères, Société Anonyme, Winterthur, Switzerland. Device for making fabrics on gripper looms. 2,389,808; Nov. 27.

Moessinger, Albert, assignor to Sulzer Frères, Société Anonyme, Winterthur, Switzerland. Method and device for cutting weft thread ends projecting from the fabric. 2,389,809; Nov. 27.

Moffett, Eugene W., Milwaukee, Wis., and R. E. Smith, New York, N. Y., assignors to Pittsburgh Plate Glass Company. Conjoint polymerization products. 2,390,164; Dec. 4.

Moffitt, Edward J., Lakewood, Colo., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Trimming tool. 2,383,335; Aug. 21.

Moffitt, George W., Ridgewood, N. J. Optical instrument. 2,385,019; Sept. 18.

Moffitt, William E., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Clutch. 2,382,088; Aug. 14.

Moffitt, William R.: *See*—
Corwin, J. F., and Moffitt.

Mog, Frank G., Cleveland, G. F. Wald, North Olmsted, and S. C. Whiting, Willoughby, Ohio, assignors to The American Steel and Wire Company of New Jersey. Slow starting high speed wire drawing block. 2,368,153; Jan. 30.

Mogabgab, Eugene, et al.: *See*—
Clyburn, Andrew D., assignor.

Mogensen, Martin C., et al.: *See*—
Fanger, Herman J., assignor.
Fanger, H. J., and Gruenhagen, assignors.
Fanger, H. J., Gruenhagen, and Shaffer.
Shaffer, Cleve F., assignor.

Mohawk Carpet Mills, Inc.: *See*—
Shuttleworth, Howard L., assignor.

Mohling, Gunther, Loudonville, N. Y., assignor to Allegheny Ludlum Steel Corporation. Heat resisting alloys. 2,373,490; Apr. 10.

Mohr, Albert C., Berkeley, Calif., assignor to Stauffer Chemical Company. Production of anhydrous hydrogen chloride. 2,367,301; Jan. 16.

Mohr, Albert C., Arcadia, Calif., assignor to Stauffer Chemical Company. Soil correctives. 2,390,264; Dec. 4.

Mohr, Albert C., Arcadia, Calif., assignor to Stauffer Chemical Company. Production of sulphur dioxide. 2,391,328; Dec. 18.

Mohr, Henry, Hutchinson, Kans. Corrugated metal fastener. 2,377,169; May 29.

Moise, Bolton C., Rock Point, Md., and B. C. Moise, Jr., Cambridge, Mass. Apparatus for copper coating ferrous metal strip. 2,375,434; May 8.

Moise, Bolton C., Jr.: *See*—
Moise, Bolton C., and B. C., Jr.

Mojonnier Bros. Co.: *See*—
Mojonnier, Julius J., assignor.

Mojonnier, Julius J., Winfield, Ill., assignor to Mojonnier Bros. Co. Method of and apparatus for dehydrating substances. 2,387,458; Oct. 23.

Moldenhauer, Otto, and H. Bock, Hirschberg, Riesengebirge, Germany; vested in the Alien Property Custodian. Polycondensation products. 2,378,571; June 19.

Moldenhauer, Otto, and H. Bock, Hirschberg Reisengebirge, Germany; vested in the Alien Property Custodian. Production of polycondensation products. 2,383,880; Aug. 28.

Molek, Anton J., Silver Bow, Mont. Rifle sight. 2,369,903; Feb. 20.

Molet, Arthur, Chicago, Ill. Carton. 2,368,864; Feb. 6.

Molinare, Anthony W., Wilmette, Ill. Fertilizer distributor. 2,370,744; Mar. 6.

Moline, Carl R.: *See*—
Douglass, K., and Moline.

Moline, Carl R., Homewood, Ill., assignor to Allied Rail way Equipment Company. Brake head retaining mechanism for brake beams. 2,391,329; Dec. 18.

Moline Machine Company Limited: *See*—
Beer, C., and Chown, assignors.
Dearsley, G., and Harris, assignors.
Hall, C. T., assignor.
Hall, Charles T., assignor.
Harris, R. W., and Dearsely, assignor.
Harvey, Valentine P., assignor.
Parry, Frank, assignor.
Ruau, Félix F., assignor.

Moll, Harold W.: *See*—
Britton, E. C., and Moll.

Mollenhauer, Elmer A., assignor of one-half to R. G. Buchanan, Spokane, Wash. Brake. 2,374,117; Apr. 17.

Mollenhauer, Herman W., Toddville, Iowa. Automatic area control propeller. 2,380,540; July 31.

Moller, Bynum W., Alta Loma, Tex. Skate-scooter. 2,366,866; Jan. 9.

Moller, Magdalin C. G., Copenhagen, Denmark; vested in the Alien Property Custodian. Sign. 2,376,932; May 29.

Möller, Paul, Dessau, and H.-J. Nicolai, Dessau-Haidenburg, Germany; vested in the Alien Property Custodian. Polyamides. 2,367,469; Jan. 16.

Möller, Rolf, Kleinmachnow near Berlin, and E. Kosche, Stuttgart W, Germany; vested in the Alien Property Custodian. Projection screen. 2,381,614; Aug. 7.

Molloy, James F., Oakland, Calif. Automatic valve. 2,372,729; Apr. 3.

Molly, Hans, Berlin-Tempelhof, Germany; vested in the Alien Property Custodian. Hydraulic starter. 2,382,437; Aug. 14.

Molnar, Imre: *See*—
Griffins, M. E., and Molnar.

Molnar, Imre, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,381,769; Aug. 7.

Molnar, Imre, Chicago, Ill., assignor to Automatic Electric Laboratories, Inc. Telephone system. 2,385,720; Sept. 25.

Moloney Electric Company: *See*—
Mulcahy, Edwin C., assignor.

Moloney, Raymond T.: *See*—
Umbdenstock, Walter, assignor.

Molotsak, George, Coaldale, Pa. Stoker. 2,377,357; June 5.

Monack, Albert J., Rutherford, assignor to Mycalex Corporation of America, Passaic County, N. J. Machinable insulating composition. 2,391,376; Dec. 18.

Monaco, Otino, Medford, Mass. Grapple. 2,370,411; Feb. 27.

Monarch Machine Tool Co., The: *See*—
Abe, P. A., Brown, and Crosby, assignors.
Bickel, Clifford A., assignor.
Drummond, Folsom E., assignor.

Monarch Marking System Company, The: *See*—
Kohnle, Frederick, assignor.
Turner, Thomas G., assignor.

Monarch Mills: *See*—
Astill, Clarence M., Jr., assignor.

Monarch Rubber Company, The: *See*—
Church, Herman S., assignor.

Moncrieff, John, Limited: *See*—
McNish, Alexander F., assignor.

Moncrieff, Robert W., and H. Bates, Spondon, near Derby, England, assignors to Celanese Corporation of America. Treatment of artificial materials. 2,368,154; Jan. 30.

Moncrieff, Robert W., and H. Bates, Spondon, near Derby, England, assignors to Celanese Corporation of America. Production of textile and other articles. 2,372,386; Mar. 27.

Moncrieff, Robert W., and E. W. Wheatley, Spondon, near Derby, England, assignors to Celanese Corporation of America. Stabilized polyamide. 2,378,494; June 19.

Moncrieff, Robert W., and H. Bates, Spondon, near Derby, assignors to British Celanese Limited, London, England. Treatment of textile and other materials. 2,379,026; June 26.

Moncrieff, Robert W., and C. W. Sammons, Spondon, near Derby, assignors to British Celanese Limited, London, England. Treatment of cellulose derivative articles. 2,387,168; Oct. 16.

Moncrieff, Robert W., and E. W. Wheatley, Spondon, near Derby, England, assignors to Celanese Corporation of America. Production of highly polymeric organic compounds. 2,388,278; Nov. 6.

Monger, James F., Chicago, Ill. End valve support. 2,366,420; Jan. 2.

Monies, Marc, New York, N. Y. Measuring device. 2,378,093; June 12.

Monk, George S., and F. P. Case, assignors to Prismacolor, Inc., Chicago, Ill. Picture projector. 2,374,768; May 1.

Monks, Frank E., Pittsburgh, Pa., assignor to Fuller Label & Box Company. Parachute. 2,391,262; Dec. 18.

Monnet, Georges, New York, N. Y., assignor to Guardian Merchandising Corporation, Montreal, Quebec, Canada. Razor blade envelope 2,377,897; June 12.

Monnet, Georges, Washington, D. C., assignor to Guardian Merchandising Corporation, Montreal, Quebec, Canada. Floating razor. 2,387,765; Oct. 30.

Monnier, Russel, Detroit, Mich. Hand tool. 2,387,928; Oct. 30.

Monopower Corporation, The: *See*—
Tyler, Tracy B., assignor.

Monori, Emil, Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Indicating system. 2,374,030; Apr. 17.

Monotype Corporation Limited, The: *See*—
Elliott, R. C., Dewhurst, and Booth, assignors.

Monowatt Electric Corporation: *See*—
Benander, George B., assignor.
Picard, Stanislas, assignor.

Monro, Donald A., Flossmoor, assignor to Standard Oil Company, Chicago, Ill. Catalytic conversion system. 2,379,027; June 26.

Monroe Calculating Machine Company: *See*—
Britten, Edwin F., Jr., assignor
Chase, George C., assignor.
Crosman, Loring P., assignor.

Monroe, Charles Z., Detroit, Mich., assignor to The American Paper Bottle Company, Toledo, Ohio. Container fabricating machine. 2,367,884; Jan. 23.

Monroe, Charles Z., Detroit, Mich., assignor to The American Paper Bottle Company, Toledo, Ohio. Conveyer. 2,368,483; Jan. 30.

Monroe, Charles Z., Detroit, Mich., assignor to The American Paper Bottle Company, Toledo, Ohio. Stapling and sealing mechanism. 2,370,745; Mar. 6.

Monroe, Charles Z., Detroit, Mich., assignor to The American Paper Bottle Company, Toledo, Ohio. Mechanism for cooling freshly coated containers. 2,381,360; Aug. 7.

Monroe, Charles Z., Detroit, Mich., assignor to The American Paper Bottle Company, Toledo, Ohio. Gluing mechanism. 2,387,929; Oct. 30.

Monroe, Ezra: *See*—
Britton, E. C., and Monroe.

Monroe, Harry J., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Cutter. 2,367,841; Jan. 23.

Monroe, Rollo O., assignor to The Johnson Corporation, Three Rivers, Mich. Rotary pressure joint. 2,385,421; Sept. 25.

Monroe, Rollo O., and W. F. Clayton, Jr., assignors to The Johnson Corporation, Three Rivers, Mich. Automatic waterflow control for air compressors. 2,371,345; Mar. 13.

Monroe, Spencer F., New York, N. Y., assignor, by mesne assignments, to H. W. Yendes and P. M. Banker. Photographic apparatus. Re. 22,684; Oct. 23.

Monsanto Chemical Company: *See*—
Barrett, Gerald R., assignor.
Bartram, Thomas W., assignor.
Beaver, David J., assignor.
Benignus, Paul G., assignor.
Blake, Edward S., assignor.
Blake, E. S., and Godfrey, assignors.
Booth, Charles F., assignor.
Bump, Albert H., assignor.
Carswell, Thomas S., assignor.
Cooper, Robert H., assignor.
Dahle, Joseph, assignor.
De Bell, J. M., and Derby, assignors.
Deebel, George F., assignor.
Derby, Elmer R., assignor.
Derby, Wallene R., assignor.
Downey, Paul M., assignor.

Monsanto Chemical Company: *See*—Continued
Dunlap, R. I., and Schatz, assignors.
Dvornikoff, Michael N., assignor.
Dvornikoff, M. N., and Taylor, assignors.
Emerson, William S., assignor.
Emerson, W. S., and Heyd, assignors.
Gardner, John A., assignor.
Glueesenkamp, Earl W., assignor.
Harman, Marion W., assignor.
Hayes, Ralph F., assignor.
Healy, John J., Jr., assignor.
Hochwalt, Carroll A., assignor.
Hurka, Rudolph J., assignor.
Ingram, Joseph R., assignor.
Jenkins, Russell L., assignor.
Jones, Otha C., assignor.
Keller, Harry, assignor.
Kosolapoff, Gennady M., assignor.
Kyrides, Lucas P., assignor.
Kyrides, L. P., and Craver, assignors.
Kyrides, L. P., and Zienty, assignors.
Livingston, John W., assignor.
Lum, James H., assignor.
Lum, J. H., and Schaefer, assignors.
Mares, Joseph R., assignor.
Marshall, Morris D., assignor.
Martin, George D., assignor.
Moose, Joe E., assignor.
Mowry, David T., assignor.
Norton, Arthur J., assignor.
Norton, Edward G., assignor.
Owens, Grafton R., assignor.
Semple, Robert B., assignor.
Shumard, Roland S., assignor.
Sibley, Robert L., assignor.
Silberkraus, Samuel H., assignor.
Taylor, Georg. E., assignor.
Thomas, C. A., and Hochwalt, assignors.
Throdahl, Monte C., assignor.
Weide, Herbert F., assignor.
White, John F., assignor.
Zienty, Ferdinand B., assignor.
Monsarrat, Nicholas G.: *See*—
Beede, R. J., and Monsarrat.
Monson, Esther T., et al.: *See*—
Larson, Anton L., assignor.
Monson, Per Albert, et al.: *See*—
Larson, Anton L., assignor.
Montalbano, Anthony, Baton Rouge, La. Fly-cast fishing boat. 2,369,973; Feb. 20.
Montalbano, Astelle, North Sacramento, Calif. Attachment for ironing boards. 2,388,492; Nov. 6.
Montcalm, Incorporated: *See*—
Roth, Joseph N., assignor.
Schurtz, R. E., and Roth, assignors.
Montclair Research Corporation: *See*—
Rust, John B., assignor.
Rust, J. B., and Spialter, assignors.
Monte, Richard N., Cincinnati, Ohio, assignor to Corn Products Refining Company, New York, N. Y. Production of starch conversion sirups. 2,383,914; Aug. 28.
Monte, Richard N., La Grange, and J. B. Gottfried, Chicago, Ill., assignors to Corn Products Refining Company, New York, N. Y. Modified whole corn protein and preparing same. 2,384,388; Sept. 4.
Monteleone, John, New Orleans, La. Solution-catching device. 2,381,133; Aug. 7.
Montellus, George A., Minneapolis, Minn. Dental surgical instrument. 2,366,671; Jan. 2.
Montgomery, Alvin E., Elmhurst, Ill., assignor to J. O. Ross Engineering Corporation, New York, N. Y. Finishing and conditioning of paper. Re. 22,593; Jan. 23.
Montgomery, Arvid N., Owensville, Ind. Alarm system. 2,390,449; Dec. 4.
Montgomery, Bruce E.: *See*—
Sandretto, P. C., and Montgomery.
Montgomery, Charles W., Oakmont, and N. W., Franke, Penn Township, Allegheny County, assignors to Gulf Research & Development Company, Pittsburgh, Pa. Aluminum chloride catalyst. 2,380,703; July 31.
Montgomery, Donald H., West Hartford, assignor to The New Britain Machine Company, New Britain, Conn. Circular tool. 2,374,879; May 1.
Montgomery, Donald H., West Hartford, and A. H. Jobert, New Britain, assignors to The New Britain Machine Company, New Britain, Conn. Machine tool. 2,375,734; May 8.
Montgomery, Harley A., Highland Park, Mich. Cold-drawing metal. 2,366,208; Jan. 2.
Montgomery, Henrietta G.: *See*—
Montgomery, Robert J., assignor.
Montgomery, John A., Denver, Colo., and L. E. Livingston, Dallas, Tex., assignors to Lakeside Engineering Corporation, Chicago, Ill. Sewage disposal. 2,388,795; Nov. 13.
Montgomery, Robert J., assignor to H. G. Montgomery, Chicago, Ill. Cable slitter. 2,385,368; Sept. 25.
Montgomery, Robert J., assignor to H. G. Montgomery, Chicago, Ill. Cable slitter. 2,388,698; Nov. 13.
Montgomery Ward & Co., Incorporated: *See*—
Barber, Howard B., assignor.
Hamilton, N., and Stern, assignors.
Muerle, Richard W., assignor.
Montignani, William C., Jr., Upper Montclair, N. J. Sheet mount. 2,378,151; June 12.
Moody, Clay P., North Bend, Oreg. Preparing cadavers for burial. 2,388,337; Nov. 6.
Moody, Kenneth, assignor of one-half to G. S. Noble, Chicago, Ill. Cable connector. 2,366,747; Jan. 9.
Moody, Lewis F., Princeton, N. J. Method and apparatus for regulating the head and capacity of centrifugal pumps. 2,380,606; July 31.
Mook, Donald E., Perry, assignor to The Borden Company, New York, N. Y. Dry milk product and the preparation thereof. 2,383,070; Aug. 21.
Moon, Carl, Detroit, Mich. Differential control mechanism. 2,375,938; May 15.
Moon, Carl, Detroit, Mich. Wringer. 2,387,086; Oct. 16.
Moon, Charles R., assignor to Ontario Manufacturing Company, Muncie, Ind. Automatic work ejector. 2,367,515; Jan. 16.
Moon, Dennis R., Napa, Calif. Dragline apparatus. 2,377,802; June 5.
Moon, Elmer L.: *See*—
MacPheat, A. M., Moon, and Sirp.
Moon, Fullard M., and W. L. McClellan, Highland City, Fla. Tree spraying apparatus. 2,367,135; Jan. 9.
Mooney, Burley and J. G., Stonewall, Okla., assignors to Turner Manufacturing Company, Statesville, N. C. Peanut digger and shaker. 2,384,763; Sept. 11.
Mooney, Charles F., assignor of one-half to J. D. Kluttz, Charlotte, N. C. Safety device for trailers. 2,381,305; Aug. 7.
Mooney, Jess G.: *See*—
Mooney, Burley and J. G.
Mooney, Ronald B., Liverpool, and G. E. Wentworth, Runcorn, England, assignors to Imperial Chemical Industries Limited. Manufacture of chlorosulphonic acid. 2,377,642; June 5.
Moor, Dudley W., Jr., Toledo, Ohio. Link mat. 2,388,927; Nov. 13.
Moore, Alexander W., and F. B. Moran, Trail, H. L. Christian, Rossland, British Columbia, and D. D. Morris, Calgary, Alberta, assignors to The Consolidated Mining and Smelting Company of Canada, Limited, Montreal, Quebec, Canada. Mold and method for casting electrolytic cells. 2,385,830; Oct. 2.
Moore, Bartram H., Doylestown, Pa. Mold for frozen comestibles. 2,384,041; Sept. 4.
Moore, Benjamin, & Co.: *See*—
Bergmann, Rudolph C., assignor.
Moore, Bernard C.: *See*—
Moore, Bernard J. and B. C.
Moore, Bernard J. and B. C., Stoke-on-Trent, England. Industrial kiln and oven. 2,375,317; May 8.
Moore Business Forms, Inc.: *See*—
Kerr, James G., assignor.
Knaggs, Nelson S., assignor.
Staneslow, Bernard J., assignor.
Willard, Robert P., assignor.
Moore, Charles G., River Forest, Ill., assignor to The Glidden Company, Cleveland, Ohio. Preparing resinous material. 2,369,683; Feb. 20.
Moore, Charles G., River Forest, Ill., assignor to The Glidden Company, Cleveland, Ohio. Resinous material and making. 2,384,846; Sept. 18.
Moore, Coleman B., Carroll Park, assignor to The Brown Instrument Company, Philadelphia, Pa. Pneumatic measuring instrument. 2,371,253; Mar. 13.
Moore, Coleman B., Carroll Park, assignor to Moore Products Co., Philadelphia, Pa. Comparator gauge. 2,374,154; Apr. 17.
Moore, Coleman B., Carroll Park, assignor to Moore Products Co., Philadelphia, Pa. Valve positioner. 2,382,941; Aug. 14.
Moore Company, The: *See*—
Elder, Charles J., assignor.
Moore, David P., Forest Hills, assignor to Premium Merchandising Corp., New York, N. Y. Grating machine. 2,376,376; May 22.
Moore, Derwin V., and H. H. Thompson, assignors to Wingfoot Corporation, Akron, Ohio. Reclaiming method. 2,386,707; Oct. 9.
Moore Dry Kiln Company of Oregon, The: *See*—
Beckley, Arthur H., Jr., assignor.
Moore, Edgar S., Toronto, Ontario, Canada. Portable power-driven screw driver. 2,374,558; Apr. 24.
Moore, Edward, Newark, N. J. Two-cycle solid-fuel injection supercharged engine. 2,383,336; Aug. 21.
Moore, Edward H., Grand Rapids, Mich. Mechanical rosary. 2,376,266; May 15.
Moore, Edward J., executor, et al.: *See*—
Moore, Thomas F.
Moore Enameling & Manufacturing Company, The: *See*—
Cobb, R. S., and Moore, assignors.
Moore, Everett J.: *See*—
Goldfarb, J. A., and Moore.
Moore, Francis K.: *See*—
Swartz, A. G., and Moore.
Moore, George A., New York, N. Y. Container. 2,375,809; May 15.
Moore, George A., New York, N. Y. Container. 2,382,573; Aug. 14.
Moore, George A., New York, N. Y., assignor to Shellmar Products Company, Mount Vernon, Ohio. Packing coffee. 2,368,561; Jan. 30.

Moore, George A., New York, N. Y., assignor to Shellmar Products Company, Mount Vernon, Ohio. Container and making same. 2,370,680; Mar. 6.
Moore, George A., New York, N. Y., assignor to Shellmar Products Company, Mount Vernon, Ohio. Container and forming the same. 2,377,358; June 5.
Moore, George A., assignor to National Biscuit Company, New York, N. Y. Shipping container. 2,381,508; Aug. 7.
Moore, George A., New York, N. Y., assignor to Shellmar Products Company, Mount Vernon, Ohio. Apparatus for sealing containers. 2,390,550; Dec. 11.
Moore, George C., Sr., Glendale, Calif. Pants guard. 2,384,255; Sept. 4.
Moore, George F., Tampa, Fla., assignor to Tennessee Corporation. Producing hydrofluosilicic acid and/or fluosilicates. 2,369,791; Feb. 20.
Moore, George L., Cleveland, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Engine cooled piston. 2,369,906; Feb. 20.
Moore, George L., Cleveland, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Internal combustion engine piston. 2,369,907; Feb. 20.
Moore, Goodloe E., Danville, Ill. Insulation blanket retainer. 2,367,790; Jan. 23.
Moore, Goodloe E., Danville, Ill. Cementitious anchorable hanger support. 2,385,296; Sept. 18.
Moore, Grover S., Jr., Houston, Tex. Snatch block. 2,374,118; Apr. 17.
Moore, Harry D.: *See*—
Manney, C. J., and Moore.
Moore, Harry E.: *See*—
Hultgren, A. P., Moore, Bennett, and Cummins.
Moore, Harry W., Chicago, Ill. Halfvest carrier for hearing aids and batteries. 2,372,971; Apr. 3.
Moore, Henry S., and F. T. Whelan, Bridgeport, Conn., assignors to Manning, Maxwell & Moore, Inc., Muskegon, Mich. Power operated hoist. 2,367,041; Jan. 9.
Moore, Hubert A., Dallas, Tex. Plow disk grinder. 2,386,563; Oct. 9.
Moore, James, Chicago, Ill. Mortar depositing device. 2,373,971; Apr. 17.
Moore, James A., Cincinnati, Ohio, assignor to American Can Company, New York, N. Y. Feeding mechanism for container parts. 2,387,766; Oct. 30.
Moore, James B., Hamilton, Mo. Rain gauge. 2,384,954; Sept. 18.
Moore, James R., assignor, by mesne assignments, to S. G. Harwood, Minneapolis, Minn. Clothes-drying machine. 2,385,222; Sept. 18.
Moore, James R., assignor, by mesne assignments, to S. G. Harwood, Minneapolis, Minn. Clothes-drying machine. 2,385,223; Sept. 18.
Moore, James W., Norfolk, Va., assignor to The Beardsley & Piper Company, Chicago, Ill. Portable hopper. 2,384,389; Sept. 4.
Moore, John B., Riverhead, N. Y., assignor to Radio Corporation of America. Temperature compensated inductance. 2,366,639; Jan. 2.
Moore, Lee C., & Company, Inc.: *See*—
Woolslayer, Homer J., assignor.
Woolslayer, H. J., Campbell, and Jenkins, assignors.
Moore, Leonard P., New York, N. Y., and W. P. Bricks, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Ethylene sulphide reaction products of guanidine. 2,372,598; Mar. 27.
Moore, Lindley W., Baltimore, Md. Airplane. 2,374,493; Apr. 24.
Moore, Lou Q., Pueblo, Colo. Anchorage means for railway rails. 2,384,328; Sept. 4.
Moore, Malcolm C., assignor to Hercules Powder Company, Wilmington, Del. Adhesive composition. 2,368,767; Feb. 6.
Moore, Marjorie B., Waukegan, Ill., assignor to Abbott Laboratories. Double salts of pantothenamide and preparing them. 2,369,839; Feb. 20.
Moore, Marjorie B., and F. J. Kirchmeyer, Waukegan, assignors to Abbott Laboratories, North Chicago, Ill. Bisulphite derivatives of 2-methyl-1,4-naphthoquinone and the like. 2,367,302; Jan. 16.
Moore, Mathew S., Malvern, assignor of one-half to The Mining Engineering Company Limited, Worcester, England. Pick for loading machines. 2,370,369; Feb. 27.
Moore, Maurice L., Nether, Providence Township, Delaware County, assignor to Sharp & Dohme, Incorporated, Philadelphia, Pa. Derivatives of ketonic compounds. 2,366,640; Jan. 2.
Moore, Maurice L., Detroit, Mich., assignor to Sharp & Dohme Incorporated, Philadelphia, Pa. Unsaturated derivatives of ketonic compounds. 2,366,641; Jan. 2.
Moore, Milford B.: *See*—
Abrams, T., Moore, and Karr.
Abrams, T., Moore, and Van Kirk.
Moore, Morton E., Prospect Park, assignor to Sun Oil Company, Philadelphia, Pa. Apparatus for making gravity measurements. 2,389,866; Nov. 27.
Moore, Murray L., Cheyenne, Wyo. Vehicle signal. 2,384,689; Sept. 11.
Moore, Norman Y.: *See*—
Griffin, R. L., and Moore.
Moore Products Co.: *See*—
Moore, Coleman B., assignor.
Moore, Ralph H., Pasadena, Calif. Insulated vehicle body. 2,381,981; Aug. 14.
Moore, Ralph H., Pasadena, Calif. Coffee maker. 2,383,144; Aug. 21.
Moore, Ralph S., Detroit, Mich. Water-purifying and -softening device. 2,368,035; Jan. 23.
Moore, Ralph T., and F. C. Harris, Lakewood, assignor, to The American MonoRail Company, Cleveland, Ohio. Expansion joint. 2,371,907; Mar. 20.
Moore, Raymond D., Worcester, Mass. Vehicle headlight control. 2,375,677; May 8.
Moore, Robert D., Kansas City, Mo. Wheel-mounting dolly. 2,379,587; July 3.
Moore, Robert J.: *See*—
Morris, R. C., and Moore.
Moore, Robert M.: *See*—
Hoskins, E. E., and Moore.
Moore, Thomas F., deceased, Morris Plains; E. J. Moore and M. M. Dacey, executors. Well point. 2,388,640; Nov. 6.
Moore, Thomas W., assignor to The Leland Electric Company, Dayton, Ohio. Regulating mechanism. 2,383,143; Aug. 21.
Moore, Thomas W., assignor to The Leland Electric Company, Dayton, Ohio. Dynamoelectric machine. 2,383,669; Aug. 28.
Moore, Vernon, Cottonsville, Md., assignor to Bendix Aviation Corporation, South Bend, Ind. Remote control apparatus. 2,384,114; Sept. 4.
Moore, Vincent T., Glen Rock, N. J., assignor to Wright Aeronautical Corporation. Piston. 2,388,363; Nov. 6.
Moore, Violet: *See*—
Miller, Henry J., assignor.
Moore, Walter B.: *See*—
Cobb, R. S., and Moore.
Moore, Ward H., Ames, Iowa. Trap. 2,385,875; Oct. 2.
Moore, Wiley T., U. S. Army, Laverne, Okla. Automatic and semiautomatic carbine. 2,389,631; Nov. 27.
Moore, William A., Swea, Iowa. Ridge roll ventilator. 2,388,759; Nov. 13.
Moore, William J.: *See*—
Whitmoyer, C. W., and Moore.
Moore, William L.: *See*—
Powell, D. R., and Moore.
Powell, D. R., and Moore, assignors.
Moore, Willis F.: *See*—
Ljunggren, T. H., and Moore.
Moorefield, Albert C., Hawthorne, Calif. Guiding means for grinding drills. 2,387,459; Oct. 23.
Moorhead, Gladys, Ottawa, Ontario, Canada. Colostomy apparatus. 2,385,876; Oct. 2.
Moorehead, James R., Tacoma, Wash., assignor to Boeing Aircraft Company. Engine mounting structure. 2,379,315; June 26.
Moorhead, John O., assignor to Metals and Controls Corporation, Attleboro, Mass. Switch. 2,381,835; Aug. 7.
Moorman Manufacturing Company: *See*—
Elmslie, Wallace P., assignor.
Moorshead, William A., London, W. C. 2, England, assignor to The United Glass Bottle Manufacturers Limited. Glass melting furnace. 2,385,529; Sept. 25.
Moos, Anthony M., Orangeburg, and R. W. Price, Pearl River, assignors to Lederle Laboratories, Inc., New York, N. Y. Preparation of pyrimidines. 2,375,735; May 8.
Moos, Paul, Zug, Switzerland, assignor to Landis & Gyr, A. G. Prepayment meter. 2,370,480; Feb. 27.
Moose, Charles F., Statesville, N. C. Silo and making same. 2,377,956; June 12.
Moose, Joe E., Anniston, Ala., assignor to Monsanto Chemical Company, St. Louis, Mo. Chewing gum base. 2,383,145; Aug. 21.
Morack, Marvin M., Scotia, N. Y., assignor to General Electric Corporation. Electric translating apparatus and control equipment therefor. 2,388,072; Oct. 30.
Moran, Edward L., assignor to Stone Wheel Inc., Chicago, Ill. Spark and flame arrestor. 2,376,933; May 29.
Moran, Frank B.: *See*—
Moore, A. W., Moran, Christian, and Morris.
Moran, John W., assignor to The Radiart Corporation, Cleveland, Ohio. Battery seal. 2,376,712; May 22.
Moran, Robert C.: *See*—
Hamilton, L. A., Moran, and Cattell.
Otto, F. P., Meyer, and Moran.
Moran, Robert C., Wenonah, and R. E. Meyer, F. P. Otto, and E. A. Oberright, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Mineral oil composition. 2,383,404; Aug. 28.
Moran, William J., Jr.: *See*—
Stein, G. A., and Moran.
Morash, Norman, Stamford, Conn, assignor to American Cyanamid Company, New York, N. Y. Froth skimming and crowding device for flotation machines. 2,369,401; Feb. 13.
Morch, Anthony, Brooklyn, N. Y. Antenna. 2,371,539; Mar. 13.
Morch, Anthony, Brooklyn, N. Y. Apparatus for the animating of pictures and the like. 2,374,371; Apr. 24.
Morehead, Frederick F.: *See*—
Kulp, M. P., Morehead, Sisson, and Webb.
Morehouse, Eugene, Providence, R. I., assignor to B. A. Ballou & Co. Incorporated. Safety catch. 2,383,012; Aug. 21.

Morehouse, Eugene, Providence, R. I., assignor to B. A. Ballou & Co. Incorporated. Safety catch. 2,383,013; Aug. 21.

Morehouse, Eugene M., Tujunga, Calif., assignor to Adel Precision Products Corp. Wrap-around wire supporting clip. 2,373,328; Apr. 10.

Morehouse, Silas A., Los Angeles, Calif. Breathing mask. 2,379,493; July 3.

Moreland, Harry, Huntington, W. Va. Grinding or abrading machine. 2,391,733; Dec. 25.

Morell, Samuel A., Peoria, Ill., assignor to United States of America as represented by Claude R. Wickard, Secretary of Agriculture, and his successors in office. Acetylating 2,3-butylene glycol with the impure acetic acid obtained from the pyrolytic decomposition of 2,3-butylene glycol diacetate to butadiene. 2,372,221; Mar. 27.

Morelli, Raffaele, Brooklyn, N. Y. Game. 2,372,333; Mar. 27.

Morelock, Oliver J., Short Hills, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Apparatus for testing condensers. 2,373,079; Apr. 3.

Moreno, Nicholas, Baltimore, Md. Multiple angle hydraulic riveting attachment. 2,373,972; Apr. 17.

Moresco, Enrique, Buenos Aires, Argentina. Decorticating apparatus for grain. 2,386,493; Oct. 9.

Moreton, Henry H., East Orange, N. J. Book, magazine, pamphlet, or the like. 2,367,136; Jan. 9.

Morey, Arthur H., Schenectady, N. Y., assignor to General Electric Company. Bearing lubricating means. 2,380,985; Aug. 7.

Morey, Glen H., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Dimers of 2-methylpentadiene and process for preparing same. 2,368,008; Jan. 23.

Morey, Glen H., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Halogenated ketals and preparing same. 2,374,494; Apr. 24.

Morey Machinery Co., Inc.: *See*—
Casella, Secondo L., assignor.

Morey, Willis R., Arlington, Va. Flashlight. 2,386,255; Oct. 9.

Morf, Ernest, La Chaux-de-Fonds, Switzerland. Shock absorbing bearing. 2,372,972; Apr. 3.

Morfit, Oliver: *See*—
Dickinson, J. T., Morfit, and Van Orden.
Dickinson, J. T., Wickham, and Morfit.

Morford, Roy C., Manassas, Va. Electrode holder. 2,387,169; Oct. 16.

Morgal, Paul W.: *See*—
Petering, H. G., and Morgal.

Morgan: A. D.: *See*—
Hunn, Oliver W., assignor.

Morgan, Albert H., Williamsville, N. Y. Riveting tool. 2,369,910; Feb. 20.

Morgan, Arthur H., Knoxville, Tenn. Method and apparatus for removing the stems and caps from berries and similar types of fruit, etc. 2,383,268; Aug. 21.

Morgan, Arthur L., Sr.: *See*—
Dellbringge, Edward O., assignor.

Morgan, Burton D., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Fluid power mechanism. 2,377,170; May 29.

Morgan, Charles A., assignor of one-half to L. B. Newman, Plainview, Tex. Valve. 2,376,975; May 29.

Morgan, Conrad J., U. S. Marine Corps. Airplane landing gear. 2,373,137; Apr. 10.

Morgan Construction Company: *See*—
Fors, Eric H., assignor.
Fors, E. H., and Rodnick, assignors.
Hawthorne, Charles W., assignor.
Morgan, Myles, assignor.
Morgan, Weld, assignor.
Morgan, W., and Wesson, assignors.
O'Malley, Joseph M., assignor.
Rich, Charles A. and C. A., Jr., assignors.

Morgan, Earl F., Lafayette, Ind. Bottle carrier. 2,378,026; June 12.

Morgan Engineering Company, The: *See*—
Ball, Harvey W., assignor.

Morgan, Erving B., assignor to American Seating Company, Grand Rapids, Mich. Desk top and support therefor. 2,374,119; Apr. 17.

Morgan, Frank J., Houston, Tex. Pipe line filter. 2,372,445; Mar. 27.

Morgan, Jack: *See*—
Allen, F. A., and Morgan.

Morgan, James A., Houston, Tex. Liquid actuated controlling device. 2,377,710; June 5.

Morgan, John D., South Orange, N. J., assignor to Cities Service Oil Company, New York, N. Y. Constant viscosity greases. 2,376,812; May 15.

Morgan, John D., South Orange, N. J., assignor to Cities Service Oil Company, New York, N. Y. Lubricants. 2,379,850; July 3.

Morgan, John D., South Orange, N. J., assignor to Cities Service Oil Company, New York, N. Y. Lubricants. 2,383,146; Aug. 21.

Morgan, John D., South Orange, N. J., assignor to Cities Service Oil Company, New York, N. Y. Low temperature greases. 2,383,147; Aug. 21.

Morgan, John D., South Orange, N. J., assignor to Cities Service Oil Company, New York, N. Y. Lubricants. 2,383,915; Aug. 28.

Morgan, John D., South Orange, N. J., assignor to Cities Service Oil Company, New York, N. Y. Lubricants. 2,383,916; Aug. 28.

Morgan, John D., South Orange, N. J., assignor to Cities Service Oil Company, New York, N. Y. Lubricant. 2,383,917; Aug. 28.

Morgan, John D., South Orange, N. J., assignor to Cities Service Oil Company, New York, N. Y. Low temperature lubricants. 2,387,170; Oct. 16.

Morgan, John D., South Orange, N. J., assignor to Cities Service Oil Company, New York, N. Y. Low temperature lubricants. 2,389,924; Nov. 27.

Morgan, John D., South Orange, N. J., assignor to Cities Service Oil Company, New York, N. Y. Lithium base greases. 2,390,450; Dec. 4.

Morgan, John D., South Orange, N. J., assignor to Cities Service Oil Company, New York, N. Y. Lubricating greases. 2,391,842; Dec. 25.

Morgan, John D., South Orange, and T. Anderson, Elizabeth, N. J., assignors to Cities Service Oil Company, New York, N. Y. Apparatus for testing lubricants. 2,370,606; Feb. 27.

Morgan, John D., South Orange, and P. B. Levitt, Millburn, N. J., assignors to Cities Service Oil Company, New York, N. Y. Electrical oil heating apparatus. 2,373,084; Apr. 3.

Morgan, John D., South Orange, and R. E. Lowe, East Orange, N. J., assignors to Cities Service Oil Company, New York, N. Y. Lubricating greases. 2,375,485; May 8.

Morgan, John D., South Orange, and P. B. Levitt, Millburn, N. J., assignors to Cities Service Oil Company, New York, N. Y. Electric heaters for heavy aircraft. 2,377,027; May 29.

Morgan, John D., South Orange, and R. E. Lowe, East Orange, N. J., assignors to Cities Service Oil Company, New York, N. Y. Cleaning composition. 2,379,851; July 3.

Morgan, John D., South Orange, and P. B. Levitt, Millburn, N. J., assignors to Cities Service Oil Company, New York, N. Y. Motor fuel knock rating. 2,380,704; July 31.

Morgan, John D., South Orange, and R. E. Lowe, East Orange, N. J., assignors to Cities Service Oil Company, New York, N. Y. Protective grease. 2,383,148; Aug. 21.

Morgan, John D., South Orange, and R. E. Lowe, East Orange, N. J., assignors to Cities Service Oil Company, New York, N. Y. Hand cleaning composition. 2,383,610; Aug. 28.

Morgan, John D., and A. R. Blakey, South Orange, N. J., assignors to Cities Service Oil Company, New York, N. Y. Refining crude petrolatum. 2,387,171; Oct. 16.

Morgan, John D., South Orange, and P. B. Levitt, Millburn, N. J., assignors to Cities Service Oil Company, New York, N. Y. Electric heating apparatus and heating crank case oils. 2,389,925; Nov. 27.

Morgan, John D., South Orange, and R. E. Lowe, East Orange, N. J., assignors to Cities Service Oil Company, New York, N. Y. Plastic sealing cements. 2,389,926; Nov. 27.

Morgan, John M., Houston, Tex. Power transmitting mechanism. 2,385,457; Sept. 25.

Morgan, Leo, and R. M. Johnson, Toronto, Ontario, Canada. Apparatus for printing lengths of material. 2,375,237; May 8.

Morgan, Leslie B.: *See*—
Anderson, J. G., Hill, and Morgan.

Morgan, Murray, Hoboken, N. J. Chest protector. 2,385,877; Oct. 2.

Morgan, Myles, assignor to Morgan Construction Company, Worcester, Mass. Rolling mill. 2,370,984; Mar. 6.

Morgan, Paul W., Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Treatment of cellulose organic ester yarns. 2,375,864; May 15.

Morgan, Paul W., Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dry spun and dry cast structures of synthetic materials. 2,376,934; May 29.

Morgan, Porter S., Westport, Conn. Postal scale. 2,383,408; Aug. 21.

Morgan, Richard W.: *See*—
McLoughlin, H. F., Hill, Morgan, and Wintle.

Morgan, Robert C., Omaha, Nebr., assignor to The Glenn L. Martin Company, Middle River, Md. Staking tool. 2,372,973; Apr. 3.

Morgan, Russell L.: *See*—
Light, D. W., and Morgan.

Morgan, Thomas J., Chicago, and A. S. Dearborn, Hinsdale, Ill., assignors to Ampro Corporation. Film retainer for cinematograph sprockets. 2,390,893; Dec. 11.

Morgan, Weld, assignor to Morgan Construction Company, Worcester, Mass. Wire-drawing machine. 2,370,481; Feb. 27.

Morgan, Weld, assignor to Morgan Constuction Company, Worcester, Mass. Coil supporting apparatus. 2,372,730; Apr. 3.

Morgan, Weld, and C. D. Wesson, assignors to Morgan Construction Company, Worcester, Mass. Wire-block stripper. 2,370,482; Feb. 27.

Morgan, Willard L.: *See*—
Colbert, W. H., and Morgan.

Morgan, Willard L., Columbus, assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Method of and apparatus for cleaning and surface-coating glass and the like. 2,383,470; Aug. 28.

Morgan, Willard L., Columbus, assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Coating with quarts vapor. 2,386,875; Oct. 16.

Morgan, William McG.: *See*—
Gudgeon, H., Isaacs, and Morgan.

Morgenstern, Charles E., assignor to Nineteen Hundred Corporation, St. Joseph, Mich. Drier. 2,372,709; Apr. 3.

Morgenstern, David M., assignor to The Electroline Mfg. Co., Cleveland, Ohio. Drilling device. 2,379,028; June 26.

Morgenstern, Jacob, Brooklyn, N. Y. Fur wetting apparatus. 2,382,089; Aug. 14.

Moriarty, Mary A., Naugatuck, Conn. Humidified flowerpot or container. 2,387,340; Oct. 23.

Morin, Louis H.: *See*—
Marinsky, D., and Morin.
Morin, Louis H., assignor.

Morin, Louis H., assignor of one-half to D. Marinsky, Bronx, N. Y. Forming and trimming die castings. 2,367,235; Jan. 16.

Morin, Louis H., assignor, by mesne assignments, of one-half to said L. H. Morin, and one-half to D. Marinsky, Bronx, N. Y. Apparatus for forming and trimming die castings. 2,367,303; Jan. 16.

Morin, Louis H., assignor of one-half to D. Marinsky, Bronx, N. Y. Casting a series and a portion of a series of scoops. 2,368,260; Jan. 30.

Morin, Louis H., assignor of one-half to D. Marinsky, Bronx, N. Y. Trimming gates of die castings. 2,375,486; May 8.

Morin, Louis H., assignor of one-half to D. Marinsky, Bronx, N. Y. Single stringer separable fastener. 2,378,710; June 19.

Morin, Louis H., assignor of one-half to D. Marinsky, Bronx, N. Y. Servopower application to dies of die-casting machines. 2,379,738; July 3.

Morin, Louis H., assignor of one-half to D. Marinsky, Bronx, N. Y. Separable fastener. 2,385,020; Sept. 18.

Morin, Louis H., assignor of one-half to D. Marinsky, Bronx, N. Y. Free flexing separable fastener. 2,385,021; Sept. 18.

Morin, Louis H., assignor of one-half to D. Marinsky, Bronx, N. Y. Apparatus for producing intercoupled relatively movable castings. 2,388,986; Nov. 13.

Morin, William R., Jr., Houston, and O. R. Jorden, La Porte, Tex. Sign display frame. 2,372,387; Mar. 27.

Morison, James C., Berwyn, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Article handling apparatus. 2,371,063; Mar. 6.

Morith, Franklin J., Batavia, N. Y. Line shaft ratio changer. 2,373,138; Apr. 10.

Moritz, Adrian J. L., J. G. Schoonderwoerd, W. J. D. Van Dobbenburgh, and P. W. Markwood, assignors to American Enka Corporation, Enka, N. C. Apparatus for unwinding yarn. 2,370,746; Mar. 6.

Mork, George W., assignor to Bucyrus Erie Company, South Milwaukee, Wis. Tractor propelled implement. Re. 22,662; Aug. 7.

Mork, George W., assignor to Bucyrus-Erie Company, South Milwaukee, Wis. Tractor propelled implement. 2,372,220; Mar. 27.

Mork, George W., assignor to Bucyrus-Erie Company, South Milwaukee, Wis. Elevating scraper. 2,380,986; Aug. 7.

Morkoski, James, Canton, Ill., assignor to International Harvester Company. Wheel construction. 2,366,280; Jan. 2.

Morkoski, James, Canton, Ill., assignor to International Harvester Company. Plow. 2,380,323; July 10.

Moriand, Preben, Gentofte, and J. A. Smith, Copenhagen, Denmark; vested in the Alien Property Custodian. Apparatus for treatment of nerves and muscles by means of electric impulses. 2,375,575; May 8.

Morley, Arthur R. and R. C., Youngstown, Ohio. Navigation instrumentality. 2,376,445; May 22.

Morley, John F., London, W. C. 2, England, assignor to International Standard Electric Corporation, New York, N. Y. Electrical insulating material. 2,382,498; Aug. 14.

Morley, Robert C.: *See*—
Morley, Arthur R. and R. C.

Morner, Hans G., New York, N. Y. Releasable fastening for life rafts. 2,377,803; June 5.

Morner, Hans G., New York, N. Y. Lifesaving jacket. 2,389,735; Nov. 27.

Moroney, Edward F., Penarth, Glamorgan, South Wales. Ship structure. 2,382,499; Aug. 14.

Moroney, James J., et al.: *See*—
Bauer, William J., assignor.

Morrell, Charles E., Roselle, and M. W. Swaney, Cranford, N. J., assignors to Standard Oil Development Company. Removal of acetylenes from gaseous mixtures of hydrocarbons. 2,370,809; Mar. 6.

Morrell, Charles E., Roselle, and M. W. Swaney, Linden, N. J., assignors to Standard Oil Development Company. Segregating valuable hydrocarbon constituents. 2,370,810; Mar. 6.

Morrell, Charles E., Roselle, and M. W. Swaney, Linden, N. J., assignors to Standard Oil Development Company. Separating and concentrating butadiene. 2,375,576; May 8.

Morrell, Charles E., Roselle, and M. W. Swaney, Linden, N. J., assignors to Standard Oil Development Company. Prevention of copper acetylide precipitation. 2,384,329; Sept. 4.

Morrell, Charles E., Roselle, and M. W. Swaney, Linden, N. J., assignors to Standard Oil Development Company. Separating butadiene from acetylenes. 2,388,928; Nov. 13.

Morrell, Henry F., Denver, Colo. Fluid fuel burner. 2,368,373; Jan. 30.

Morrell, Jacque C., Oak Park, Ill. Eyeglass. 2,367,418; Jan. 16.

Morrell, Jacque C., Oak Park, Ill. Making containers. 2,367,419; Jan. 16.

Morrell, Jacque C., Oak Park, Ill. Hairpin holder and dispenser. 2,383,207; Aug. 21.

Morrell, Jacque C., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,375,021; May 1.

Morrill, Frank B., assignor to The James Hunter Machine Company, North Adams, Mass. Fulling Mill. 2,375,736; May 8.

Morrill, Frank B., North Adams, Mass., assignor to The James Hunter Machine Company. Tenter drier. 2,390,451; Dec. 4.

Morrill, Vaughan, Jr.: *See*—
Stockstrom, A., Kahler, and Morrill.

Morrill, Wayne J., Fort Wayne, Ind., assignor to General Electric Company. Driving mechanism. 2,388,699; Nov. 13.

Morrill, Wayne J., Fort Wayne, Ind., assignor to General Electric Company. Driving mechanism. 2,388,700; Nov. 13.

Morris, Albert W., Springfield, Mass. Apparatus for making metal articles from metal powder. 2,379,540; July 3.

Morris, Bert M., Los Angeles, Calif. Memo base for pen-ink units. 2,379,588; July 3.

Morris, Charles W., assignor to Boeing Aircraft Company, Seattle, Wash. Settable manifold pressure control for aircraft. 2,373,139; Apr. 10.

Morris, Claremont R., New York, N. Y. Handbag. 2,369,482; Feb. 13.

Morris, Claremont R., New York, N. Y. Shower fixture. 2,380,665; July 31.

Morris, Clarence S., Coalinga, Calif., assignor to Petrolite Corporation Ltd., Wilmington, Del. Processes for sweetening hydrocarbon oils. 2,366,545; Jan. 2.

Morris, Darey D.: *See*—
Moore, A. W., Moran, Christian, and Morris.

Morris, Donald H.: *See*—
Anderson, E. M., and Morris.

Morris, George C., Seattle, Wash. Welding tool. 2,379,645; July 3.

Morris, George V., Berkeley, and R. Adler, assignors to Associated Research, Incorporated, Chicago, Ill. Instrument for testing grounding resistance. 2,375,022; May 1.

Morris, Howard I., assignor of one-third to C. M. Yoder, and one-third to H. O. Yoder, Lakewood, Ohio. Apparatus for producing alternating currents. 2,386,811; Oct. 16.

Morris, James C., Wadsworth, assignor to The Ohio Boxboard Company, Rittman, Ohio. Container handle. 2,373,408. Apr. 10.

Morris, John J., Tuckahoe, and W. C. Stohldreier, Bronxville, N. Y. Manhole cover lock. 2,388,561; Nov. 6.

Morris, John L., Los Angeles, Calif. Babbitting appliance. 2,375,939; May 15.

Morris, John N., Edgbaston, Birmingham, and R. L. Kent, Marston Green, near Birmingham, England. Door actuating apparatus. 2,367,959; Jan. 23.

Morris, John R.: *See*—
McCleary, R. F., and Morris.

Morris, John R., and R. F. McCleary, Beacon, assignors, by mesne assignments, to The Texas Company, New York, N. Y. Lubricating oil. 2,374,559; Apr. 24.

Morris, John Y., assignor to V. E. Sprouse and A. Sprouse, a copartnership doing business as V. E. Sprouse Company, Columbus, Ind. Adjustable end hose clamp. 2,381,551; Aug. 7.

Morris, Joseph R., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Cutting machine. 2,375,378; May 8.

Morris, Lloyd C.: *See*—
Schulze, W. A., and Morris.
Short, G. H., and Morris.

Morris, Lloyd C., Bartlesville, Okla., assignor to Phillips Petroleum Company. Monocyclic mono-olefine cuprous halide and making it. 2,386,256; Oct. 9.

Morris, Lloyd C., Bartlesville, Okla., assignor to Phillips Petroleum Company. Recovery of hydrocarbons. 2,386,333; Oct. 9.

Morris, Lloyd C., Bartlesville, Okla., assignor to Phillips Petroleum Company. Separation of hydrocarbons. 2,386,334; Oct. 9.

Morris, Lloyd C., Bartlesville, Okla., assignor to Phillips Petroleum Company. Separation of hydrocarbons. 2,386,335; Oct. 9.

Morris, Lloyd P., Chicago, Ill. Interval timer. 2,374,946; May 1.
Morris Paper Mills: *See*—
Arneson, Edwin L., assignor.
Crane, Walton B., assignor.
De Willard, Jean F., assignor.
Lebold, Samuel N., assignor.
Powell, Henry K., assignor.
Morris, Ramiel, St. Louis, Mo. Towel cabinet timer. 2,391,471; Dec. 25.
Morris, Ross E., Vallejo, Calif. Vulcanizing rubber treads to decks. 2,366,209; Jan. 2.
Morris, Roy H.: *See*—
Spiegel, G. W., and Morris.
Morris, Rupert C.: *See*—
Evans, T. W., and Morris.
Evans, T. W., Morris, and Melchior.
Evans, T. W., Morris, and Shokal.
Morris, Rupert C., and H. de V. Finch, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Separation of diolefins. Re. 22,671; Aug. 28.
Morris, Rupert C., Berkeley, and A. V. Snider, Richmond, assignors to Shell Development Company, San Francisco, Calif. Solvent extraction process. 2,368,597; Jan. 30.
Morris, Rupert C., and R. J. Moore, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Preparation of unsaturated hydrocarbons. 2,370,412; Feb. 27.
Morris, Rupert C., Berkeley, and T. W. Evans, Oakland, assignors to Shell Development Company, San Francisco, Calif. Recovery of olefinic hydrocarbons. 2,371,908; Mar. 20.
Morris, Rupert C., and J. L. Van Winkle, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Sulphurized esters of cyclic sulphones. 2,372,160. Mar. 20.
Morris, Rupert C., and J. L. Van Winkle, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Sulphurized amides and imides of cyclic sulphones. 2,372,161; Mar. 20.
Morris, Rupert C., and Harry de V. Finch, Berkeley, Calif., assignors to Shell Development Company, San Francisco, Calif. Separation of diolefins. 2,373,329; Apr. 10.
Morris, Rupert C., and J. L. Van Winkle, Berkeley, Calif., assignors to Shell Development Company, San Francisco, Calif. Separation of isomers of substituted polyolefinic compounds. 2,375,023; May 1.
Morris, Rupert C., and J. L. Van Winkle, Berkeley, Calif., assignors to Shell Development Company, San Francisco, Calif. Isomerization of poly-olefinic hydrocarbons. 2,375,024; May 1.
Morris, Rupert C., Berkeley, and E. C. Shokal, Oakland, assignors to Shell Development Company, San Francisco, Calif. Stabilization of halobutenes. 2,376,075; May 15.
Morris, Rupert C., and R. J. Moore, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Production of dienes. 2,386,135; Oct. 2.
Morris, Rupert C., Berkeley, and E. C. Shokal, Oakland, assignors to Shell Development Company, San Francisco, Calif. Synthetic rubber compositions. 2,391,330; Dec. 18.
Morris, Rupert C., Berkeley, and A. V. Snider, Richmond, assignors to Shell Development Company, San Francisco, Calif. Stabilization of sulpholanes. 2,391,331; Dec. 18.
Morris, Wesley W., assignor of one half to Bellingham Iron Works, Inc., Bellingham, Wash. Inverted spotter. 2,376,446; May 22.
Morris, Wilford E., assignor to Wingfoot Corporation, Akron, Ohio. Method and apparatus for ultrasonic testing. 2,378,237; June 12.
Morris, William C.: *See*—
Harbert, C. J., and Morris.
Morrison, Alexander L.: *See*—
Bergel, F., Hindley, Morrison, and Rinderknecht.
Bergel, F., Morrison, Hindley, and Moss.
Morrison, Clyde W., Toledo, Ohio. Load handling mechanism. 2,388,987; Nov. 13.
Morrison, Dana E., Kenilworth, and P. F. Ziegler, Winnetka, assignors to The Kendall Company, Chicago, Ill. Bonded joint or section of elastic fabric. 2,380,365; July 10.
Morrison, David L., Bloomfield, N. J. Music character printing. 2,382,804; Aug. 14.
Morrison, Hackley, assignor to Texfan Company, Houston, Tex. Ventilating or exhaust fan. 2,385,152; Sept. 18.
Morrison, Harry: *See*—
Saunders, S. G., and Morrison.
Morrison, Harry, Pittsburgh, Pa. Belt. 2,386,708; Oct. 9.
Morrison, Montford, Upper Montclair, N. J. Winding and reeling. 2,366,977; Jan. 9.
Morrison, Montford, Upper Montclair, N. J. Sound reproducer drive. 2,369,599; Feb. 13.
Morrison, Montford, Upper Montclair, N. J. Carrier-current telegraph system. 2,370,985; Mar. 6.
Morrison, Montford, Upper Montclair, N. J. Secret signaling system. 2,374,495; Apr. 24.
Morrison, Montford, Upper Montclair, N. J. Telegraph signal transmission system. 2,380,666; July 31.
Morrison, Montford, Upper Montclair, N. J. Signal modulation means. 2,380,667; July 31.
Morrison, Montford, Upper Montclair, N. J. Arc-welding converter. 2,380,668; July 31.
Morrison, Montford, Upper Montclair, N. J. Oscillation generator system. 2,390,659; Dec. 11.
Morrison, Willard L., Lake Forrest, Ill. Refrigerating apparatus. 2,373,905; Apr. 17.
Morrison, Willard L., Lake Forest, Ill. Twin-cylinder refrigerator. 2,380,987; Aug. 7.
Morrison, Willard L., Lake Forest, Ill. Refrigerating apparatus. 2,391,030; Dec. 18.
Morrow, Clarence H., Shaker Heights, assignor to The Hotstream Heater Company, Cleveland, Ohio. Heat-absorbing water conduit for tank water heaters. 2,371,346; Mar. 13.
Morrow, Clarence H., Shaker Heights, assignor to The Hotstream Heater Company, Cleveland, Ohio. Jacket for water heaters. 2,371,347; Mar. 13.
Morrow, D., and L. Baldo, U. S. Navy. High-pressure gas fitting. 2,370,182; Feb. 27.
Morse Chain Company: *See*—
Cherry, R. E., and Bremer, assignors.
Perry, David B., assignor.
Morse, John F., Hudson, Ohio. Web treating apparatus. 2,371,771; Mar. 20.
Morse, John F., Hudson, Ohio. Web aligning apparatus. 2,387,036; Oct. 16.
Morse, John F., Hudson, Ohio. Film spool. 2,390,894; Dec. 11.
Morse, Lawrence H., Mentor, assignor to Addressograph-Multigraph Corporation, Cleveland, Ohio. Clamp for master sheets of printing machines. 2,381,461; Aug. 7.
Morse, Malcolm W., Boston, Mass. Endless traction tread mechanism for vehicles. 2,376,802; May 22.
Morse, Paul H., Santa Barbara, Calif. Abnormal motor condition indicator. 2,377,569; June 5.
Morsing, William: *See*—
Gillis, R., and Morsing.
Mortell, J. W., Company: *See*—
Coutlee, Alex, assignor.
Morten, Louis G., Teaneck, and J. F. O'Brien, Jersey City, N. J., assignors to John B. Pierce Foundation, New York, N. Y. Electricity conductor unit. 2,383,014; Aug. 21.
Morton, Alexander, Bloomfield, N. J. Baker's safety glove. 2,391,263; Dec. 18.
Morton, Allen W., Baltimore, Md., assignor, by mesne assignments, to Koppers Company, Inc. Shaft seal. 2,372,103; Mar. 20.
Morton, Edmund R., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Relay. 2,380,541; July 31.
Morton, Eldred O.: *See*—
Woodman, K. L., and Morton.
Morton, Eldred O., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Piercing tool. 2,374,031; Apr. 17.
Morton, Eldred O., Mansfield, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Steam iron. 2,387,281; Oct. 23.
Morton, Naomi G., New York, N. Y. Hair curling device. 2,383,612; Aug. 28.
Morton, Robert E., Warwick, R. I., assignor to Universal Winding Company, Boston, Mass. Winding machine. 2,391,472; Dec. 25.
Morton, William A., Mount Lebanon, assignor, by mesne assignments, to Union Mining Company of Allegany County, Pittsburgh, Pa. Burner. 2,385,153; Sept. 18.
Morway, Arnold J.: *See*—
Zimmer, J. C., and Morway.
Morway, Arnold J., Clark Township, Union County, and J. C. Zimmer, Union, N. J., assignors to Standard Oil Development Company. Semifluid chassis or track roller lubricant. 2,379,245; June 26.
Mos, Carl J. L., Cincinnati, Ohio, assignor to Remington Arms Company, Inc., Bridgeport, Conn. Wire feeder. 2,373,580; Apr. 10.
Mosch, Alfred, Bronx, N. Y. Pocket utensil holder. 2,371,308; Mar. 13.
Moschel, Herman, and G. B. Hill, assignors to Dain Manufacturing Company of Iowa, Ottumwa, Iowa. Harvesting and packaging machine. 2,379,371; June 26.
Moseley, Francis L.: *See*—
Browder, J. E., and Moseley.
Moseley, Francis L., Osborn, Ohio, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Aircraft flight indicator and control system therefor. Re. 22,704; Dec. 25.
Moser, Bernard H.: *See*—
Petersen, J. S., Miller, Wendshuh, and Moser.
Sykes, R. E., and Moser.
Mosher, Paul R., assignor to Hercules Powder Company, Wilmington, Del. Soap and producing. 2,376,499; May 22.
Moshier, Charles C., Maud, Ohio. Foot-exercising device. 2,376,000; May 15.
Moskey, Moskos S., Lakewood, Ohio. Mold for forming artificial teeth. 2,368,721; Feb. 6.
Moskowitz, Abram, assignor to Milius Shoe Co., St. Louis, Mo. Shoe and manufacturing the same. 2,371,703; Mar. 20.
Moskowitz, Abram, University City, assignor to Milius Shoe Company, St. Louis, Mo. Shoe and making same. 2,377,570; June 5.

Moskowitz, Abram, and W. S. Milius, St. Louis, Mo. Shoe. 2,391,437; Dec. 25.
Mosler, Edwin H., New York, N. Y., and H. H. Lynn, Wyoming, assignors to The Mosler Safe Company, Hamilton, Ohio. Insulated record container. 2,387,172; Oct. 16.
Mosler Safe Company, The: *See*—
Mosler, E. H., and Lynn, assignors.
Mosley, Elzie V., Forest City, N. C. Wire stretcher. 2,377,957; June 12.
Moss, Albert R.: *See*—
Bergel, F., Morrison, Hindley, and Moss.
Moss, Chester C., Jackson, Mich., assignor to Walker Manufacturing Company of Wisconsin, Racine, Wis. Thumbscrew. 2,383,670; Aug. 28.
Moss, Cresap, Salt Lake City, Utah, assignor to Chicago Development Company, Chicago, Ill. Magnesium base alloy. 2,370,320; Feb. 27.
Moss, Percy R.: *See*—
McWilliams, J. W., and Moss.
Moss, Sanford A., Lynn, Mass., assignor to General Electric Company. Turbosupercharger system. 2,380,777; July 31.
Moss, William H., assignor to British Celanese Limited, London, England. Buoyant material. 2,374,372; Apr. 24.
Mossbach, Henry, Seattle, Wash. Internal-combustion rotary motor. 2,389,632; Nov. 27.
Mossberg Pressed Steel Corporation: *See*—
Olson, Robert V., assignor.
Mosshart, Donald J.: *See*—
Foresman, R. A., Mosshart, and Schultz.
Schultz, A. F., and Mosshart.
Mosshart, Donald J., Ardmore, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Furnace control apparatus. 2,378,238; June 12.
Mosshart, Donald J., Ardmore, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Combustion apparatus. 2,386,336; Oct. 9.
Mosshart, Donald J., Ardmore, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Combustion apparatus. 2,387,600; Oct. 23.
Mossinghoff, Bernard H., Chicago, Ill. Brake operator. 2,372,842; Apr. 3.
Mostello, Anthony J.: *See*—
Daniels, R. S., and Mostello.
Mosthaf, Edwin, Mount Vernon, N. Y. Spark plug terminal. 2,382,805; Aug. 14.
Mostyn, John P.: *See*—
Walker, H. H., and Mostyn.
Motley, Lewis, London, England. Gun mounting. 2,366,642; Jan. 2.
Motor Products Corporation: *See*—
Mackey, Henry W., assignor.
Motor Repair and Manufacturing Company, The: *See*—
Pardey, G. H., and Johnson, assignors.
Motor Service & Supply Co.: *See*—
Palisano, V. H., and Menteckl, assignors.
Motor State Products Company: *See*—
Keller, August, assignor.
Mcleod, Stewart B., assignor.
Motor Wheel Corporation: *See*—
Gardner, Arthur W., assignor.
Jones, Don F., assignor.
Jones, D. F., Miller, and Figg, assignors.
Miller, J. W., and Smith, assignors.
Motsinger, Armand V., Aberdeen, Md. Outlet valve. 2,369,170; Feb. 13.
Motson, James F., Fox Chase Manor, Pa. Synthetic plastic article and making the same. 2,382,806; Aug. 14.
Mott, Carl W., assignor to International Harvester Company, La Grange, Ill. Tractor-mounted implement. 2,366,281; Jan. 2.
Mott, Carl W., La Grange, Ill., assignor to Leach Company, Oshkosh, Wis. Refuse collector. 2,371,540; Mar. 13.
Mott, Carl W., La Grange, Ill., assignor to International Harvester Company. Tractor-mounted implement. 2,375,025; May 1.
Mott, Carl W., La Grange, Ill., assignor to International Harvester Company. Tractor implement. 2,375,026; May 1.
Mott, Carl W., La Grange, Ill., assignor to International Harvester Company. Agricultural implement. 2,381,552; Aug. 7.
Mott, Carl W., La Grange, Ill., assignor to International Harvester Company. Control valve for fluid-operated systems. 2,381,553; Aug. 7.
Mott, Carl W., La Grange, Ill., assignor to International Harvester Company. Connecting pin holder. 2,391,100; Dec. 18.
Mott, William P., Chicago, Ill., assignor to J. M. Schatz and H. R. Glasser. Control valve for sandblasting. 2,367,647; Jan. 16.
Mottern, Henry O., Hillside, N. J., assignor to Standard Oil Development Company. Treatment of aliphatic sulphonic acids. 2,368,484; Jan. 30.
Mottern, Henry O., Hillside, N. J., assignor to Standard Oil Development Company. Acid recovery process. 2,379,823; July 3.
Mottern, Henry O., Elizabeth, N. J., assignor to Standard Oil Development Company. Separation of tertiary olefins from hydrocarbon mixtures. 2,386,055; Oct. 2.
Mottern, Henry O., Hillside, N. J., assignor to Standard Oil Development Company. Preparation of olefinic hydrocarbons. 2,388,929; Nov. 13.
Mottern, Henry O., Hillside, N. J., assignor to Standard Oil Development Company. Acid recovery process. 2,390,316; Dec. 4.
Moule, Rex E.: *See*—
Wening, H. E., and Moule.
Moulton, Harold R.: *See*—
Tillyer, E. D., Joyce, and Moulton.
Mounce, Whitman D., Houston, Tex., assignor to Standard Oil Development Company. Well logging. 2,376,168; May 15.
Mount, Mark L.: *See*—
Williams, H. W., Mount, and Nelson.
Williams, H. W., Santini, and Mount.
Mount Sinai Hospital Research Foundation, Inc.: *See*—
Sobotka, H. H., and Rubin, assignors.
Mount, Walter M., Tulsa, Okla. Liquid demulsifying and settling apparatus. 2,388,796; Nov. 13.
Mouradian, Hughes, Philadelphia, Pa. Cable system for high frequency transmission. 2,373,906; Apr. 17.
Mouromtseff, Ilia E., Montclair, and G. M. Dinnick, Bloomfield, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Tank circuit. 2,389,271; Nov. 20.
Movie-Mite Corporation: *See*—
Calvin, F. O., Wilson, and Smith, assignors.
Moxley, Auben E., East Orange, N. J. Inspirator for gas burners. 2,388,930; Nov. 13.
Mowat, Mervyn O., Chicago, Ill. Typewriter desk. 2,369,069; Feb. 6.
Mower, William W., and W. F. Van Loenen, Los Altos, assignors to The Permanente Metals Corporation, Oakland Calif. Coupling device. 2,376,803; May 22.
Mowrey, Lester D., Wichita Falls, Tex. Well anchor. 2,380,669; July 31.
Mowry, David T., Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Cyanomethyl esters of dicarboxylic acids. 2,380,061; July 10.
Mowry, David T., Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Cyanomethyl crotonates. 2,380,062; July 10.
Mowry, David T., Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Cyanomethyl cinnamates. 2,380,063; July 10.
Moxley, William M., Kansas City, Mo. Extensible battery cell holder for electric lanterns. 2,383,337; Aug. 21.
Moy, Margaret E., Orange, N. J. Brassière. 2,389,450; Nov. 20.
Moyal, José E.: *See*—
Goldschmidt, M., and Moyal.
Moyer, Elizabeth F., administratrix: *See*—
Moyer, Paul S.
Moyer, Elmo E., Scotia, N. Y., assignor to General Electric Company. Motor controller. 2,368,485; Jan. 30.
Moyer, Elmo E., Scotia, N. Y., assignor to General Electric Company. Control system. 2,376,169; May 15.
Moyer, Elmo E., Scotia, N. Y., assignor to General Electric Company. Electric control system. 2,387,601; Oct. 23.
Moyer, Howard W., Warren, Ohio. Four-place slide rule. 2,387,404; Oct. 23.
Moyer, John D., assignor to Holeproof Hosiery Co., Milwaukee, Wis. Automatic welt turner. 2,376,267; May 15.
Moyer, Paul S., deceased, by E. F. Moyer, Lake Forest, Ill., administratrix. Making finely divided silica. 2,386,337; Oct. 9.
Moyer, Wendell W., Decatur, Ill., and W. C. Klingelhoefer, Van Buren, assignors to The Solvay Process Company, New York, N. Y. Recovery of phenol. 2,367,731; Jan. 23.
Moyle, Clarence L.: *See*—
Britton, E. C., Moyle, and Bryner.
Moyle, Clarence L., assignor to The Dow Chemical Company, Midland, Mich. Esters of 4-cyclohexene-1,2-dicarboxylic acid. 2,384,955; Sept. 18.
Moynihan, John J., Rochester, N. Y., assignor of one-half to J. B. Brennan, Cleveland, Ohio. Mechanical movement. 2,389,451; Nov. 20.
Moyses, Harry E., New York, N. Y. Decorative switch manipulator. 2,382,738; Aug. 14.
Mozingo, Ralph, Elizabeth, assignor to Merck & Co., Inc., Rahway, N. J. Removing the sulphoxy group from organic compounds containing this group. 2,371,641; Mar. 20.
Mozingo, Ralph, Elizabeth, assignor to Merck & Co., Inc., Rahway, N. J. Reacting nickel with organic sulphones. 2,371,642; Mar. 20.
Mudge, William A., assignor to The International Nickel Company, Inc., New York, N. Y. Producing composite metal stock. 2,390,452; Dec. 4.
Mudgett, Easton L., Coupeville, Wash. Draft device. 2,375,318; May 8.
Mudler, James T., U. S. Navy, Brooklyn, N. Y. Dental instrument sharpener. 2,380,988; Aug. 7.
Muecke, Edward, Linden, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine looper mechanism. 2,389,867; Nov. 27.
Muehler, Lowell E.: *See*—
Russell, H. D., and Muehler.

Muehler, Lowell E., C. J. Kunz, and G. T. Eaton, assignors to Eastman Kodak Company, Rochester, N. Y. Water spot prevention in photographic film. 2,367,516; Jan. 16.

Muehter, Manfred W., Nutley, assignor to American District Telegraph Company, Jersey City, N. J. Transmitter. 2,375,238; May 8.

Muehter, Manfred W., Nutley, assignor to American District Telegraph Company, Jersey City, N. J. Unit transmitter printing and signaling systems. 2,390,222; Dec. 4.

Mueller, Adolf G., Fairfield, Conn., assignor to General Electric Company. Lamp holder. 2,374,032; Apr. 17.

Mueller, Adolf G., and W. R. Young, Fairfield, and F. C. Dazley, Stratford, Conn., assignors to General Electric Company. Holder and fixture for tubular lamps. 2,384,956; Sept. 18.

Mueller, Alfred, Berwyn, Ill., assignor to Crane Co., Chicago, Ill. Making pipe fittings. 2,391,332; Dec. 18.

Mueller Co.: *See*—
Lowe, Earl W., assignor.
Mueller, Frank H., assignor.
Mueller, F. H., and Bowan, assignors.

Mueller, Erich O.: *See*—
Wagner, R. H., and Mueller.

Mueller, Frank H., assignor to Mueller Co., Decatur, Ill. Immersion apparatus. 2,367,732; Jan. 23.

Mueller, Frank H., and W. J. Bowan, assignors to Mueller Co., Decatur, Ill. Lubricated valve. 2,368,768; Feb. 6.

Mueller, Fritz W. H., Binghamton, N. Y. Soluble photographic layers of colloidal gums and conditioning such gums for such use. 2,370,321; Feb. 27.

Mueller, Fritz W. H., Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. Preparing nonturbid homogeneous solutions and dispersions of colloids and products so prepared. 2,379,646; July 3.

Mueller, Fritz W. H., Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. Stabilized silver halide emulsions. 2,385,762; Sept. 25.

Mueller, John, North Bergen, N. J., assignor to Remington Rand Inc., Buffalo, N. Y. Tabulating and accounting machine. 2,381,361; Aug. 7.

Mueller, John H.: *See*—
Mueller, Moritz L., assignor.

Mueller, John J., and C. P. Meyer, Pelham, N. Y. Lifting device for articles. 2,374,120; Apr. 17.

Mueller, Joseph J., assignor to Auto Specialties Manufacturing Company, St. Joseph, Mich. Automobile jack. 2,370,681; Mar. 6.

Mueller, Moritz L., Grosse Pointe, Mich. Heating apparatus. 2,376,170; May 15.

Mueller, Moritz L., Grosse Pointe, Mich. Heating apparatus. 2,376,171; May 15.

Mueller, Moritz L., Grosse Pointe, Mich. Heating apparatus. 2,376,172; May 15.

Mueller, Moritz L., assignor, by mesne assignments, to M. L. and J. H. Mueller, Seattle, Wash., as joint tenants. Heating apparatus. 2,376,173; May 15.

Mueller, Reinhold H., St. Louis, and G. W. Fossieck, St. Louis County, Mo. Tobacco pipe. 2,388,338; Nov. 6.

Mueller, Robert, Westwood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Casing for electrical devices. 2,377,355; June 5.

Mueller, Victor J., Peoria, Ill. Fly swatter. 2,377,439; June 5.

Mueller, Willy, assignor to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Methine dyestuffs. 2,374,880; May 1.

Muench, Carl G., New Orleans, and G. H. Burt, Metairie, La., assignors to The Celotex Corporation, Chicago, Ill. Method of and apparatus for drying moving material. 2,376,612; May 22.

Muench, Herbert E.: *See*—
Hagen, E. F., and Muench.

Muenchinger, Herman G.: *See*—
Tomalis, J. J., and Muenchinger.

Muenzen, Frank R., New Rochelle, N. Y. Combination folding orthopedic and reclining bed board. 2,381,509; Aug. 7.

Muenzen, Frank R., New Rochelle, N. Y. Folding reclining bed board. 2,390,660; Dec. 11.

Muerle, Richard W., Springfield, assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Centrifugal separator pan. 2,379,647; July 3.

Muerle, Richard W., Springfield, assignor to Montgomery Ward & Co. Incorporated, Chicago, Ill. Starting mechanism and the like. 2,383,671; Aug. 28.

Muesser, Charles, Verona, assignor to T. Shriver & Company, Inc., Harrison, N. J. Diaphragm valve. 2,388,988; Nov. 13.

Muesser, Charles, Verona, assignor to T. Shriver & Company, Inc., Harrison, N. J. Diaphragm, valve. 2,388,989; Nov. 13.

Muessig, Clifford W.: *See*—
Buc, H. E., and Muessig.

Muffett, Robert B., Merchantville, N. J. Nonbacklash device for fishing reels. 2,384,561; Sept. 11.

Muffly, Gary, Penn Township, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Amplifier. 2,370,483; Feb. 27.

Muffly, Glenn, Springfield, Ohio. Refrigerating method. 2,368,675; Feb. 6.

Muffly, Glenn, Springfield, Ohio. Control mechanism. 2,375,319; May 8.

Mugdan, Martin, Richmond, and D. H. R. Barton, London, England, assignors to The Distillers Company Limited, Edinburgh, Scotland. Splitting-off of hydrogen halide from halogenated hydrocarbons. 2,378,859; June 19.

Mugdan, Martin, Richmond, and D. H. R. Barton, London, S. W. 7, England, assignors to The Distillers Company Limited, Edinburgh, Scotland. Splitting-off of hydrogen halide from halogenated hydrocarbons. 2,379,372; June 26.

Muggy, Marjorie K., and J. de Jong, New York, N. Y. Garment style designing set. 2,384,330; Sept. 4.

Muir, William, Munhall, Pa. Tool driver. 2,391,438; Dec. 25.

Muir, William P.: *See*—
Welsford, H. G., and Muir.

Muirhead, Alfred R., Columbus, Ga., assignor to Lummus Cotton Gin Company. Condenser. 2,385,297; Sept. 18.

Muise, James H., Bridgeport, Conn. Soap sheet and making same. 2,389,736; Nov. 27.

Mulcahy, Edward M.: *See*—
Pleszak, A. J., and Mulcahy.

Mulcahy, Edwin C., assignor to Moloney Electric Company, St. Louis, Mo. Producing cores for electrical induction apparatus. 2,374,449; Apr. 24.

Muldoon, Bernard F., Caldwell, N. J., assignor to Henry Hyman, Brooklyn, N. Y. Portable flashlight. 2,381,510; Aug. 7.

Mulheim, Joseph E., Lima, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Resilient shaft coupling. 2,379,175; June 26.

Mulheim, Joseph E., Lima, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Brush rigging. 2,379,176; June 26.

Mulheim, Joseph E., Lima, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Dynamoelectric machine. 2,385,022; Sept. 18.

Mulhern, William A., Detroit, assignor to Chrysler Corportion, Highland, Park, Mich. Trim ring. 2,383,071; Aug. 21.

Mullally, James: *See*—
Pruneau, J. L., Mullally, and Hanrahan.

Mullan, Daniel: *See*—
Gustin, D. S., and Mullan.

Mullane, John J., Tulsa, Okla., assignor to Standard Oil Development Company. Well logging. 2,368,486; Jan. 30.

Mullen, Charles F.: *See*—
Berkow, M., and Mullen.

Mullen, Charles F., Long Branch, assignor to Central Aircraft Corporation, Keyport, N. J. Automatic control for firearms. 2,391,473; Dec. 25.

Mullen, James W., II: *See*—
Pacsu, E., and Mullen.

Mullen, William G., Danvers, assignor to Lithomat Corporation, Boston, Mass. Photogravure printing plate and making same. 2,367,420; Jan. 16.

Müller A.-G. Brugg, Maschinenfabrik und Eisengiesserei Brugg: *See*—
Maurer, Gottfried, assignor.

Müller, Adolf: *See*—
Fleischhauer, R., and Müller.
Fleischauer, R., Müller, and Schultis.

Muller, Albert B., Fort Wayne, Ind., assignor to Juvenile Wood Products, Inc. Strap fixture for armchairs. 2,383,918; Aug. 28.

Müller, Ernst: *See*—
Bühler, H., and Müller.

Müller, Ernst, Berlin, Germany; vested in the Alien Property Custodian. Radio system for obtaining bearings. 2,368,318; Jan. 30.

Müller, Géza W., Bron, France; vested in the Alien Property Custodian. Gear pump. 2,386,257; Oct. 9.

Müller, Heinz O.: *See*—
Ruska, E., Schuchmann, Ruska, and Müller.

Müller, Heinz O., Berlin-Spandau, Germany; vested in the Alien Property Custodian. Apparatus for taking pictures of the images produced by electron optic apparatus. 2,382,739; Aug. 14.

Muller, Johan A., Dayton, Ohio, assignor to The Hydraulic Development Corporation, Inc., Wilmington, Del. Surge valve. 2,368,769; Feb. 6.

Muller, John A., Ridgewood, and L. Cranston, Glen Rock, N. J., assignors to United States Rubber Company, New York, N. Y. Making inflatable hose. 2,381,074; Aug. 7.

Muller, John T., Livingston, assignor to Western Electric Company, Incorporated, New York, N. Y. Material forming apparatus. 2,382,897; Aug. 14.

Muller, Otto, Bronx, N. Y. Strainer. 2,374,613; Apr. 24.

Müller, Paul, assignor to the Firm J. R. Geigy A. G., Basel, Switzerland. Devitalizing composition of matter. Re. 22,700; Dec. 4.

Muller, Robert L., assignor to Burroughs Adding Machine Company, Detroit, Mich. Key coupling device. 2,367,421; Jan. 16.

Müller, Walther, Hamburg-Fuhlsbuttel, Germany. Gas-filled high-tension rectifier. 2,366,349; Jan. 2.

Muller, Werner, assignor to Brujac Electronic Corporation, New York, N. Y. Electronic floor leveler for elevators. 2,375,435; May 8.

Müller, Wilhelm, and L. Spies, Bitterfeld, Germany; vested in the Alien Property Custodian. Production of a highly disperse pigment. 2,378,572; June 19.

Mullet, Howard G. and E. D. Wachter, Jr., Whitefish Bay, assignors to Bradley Washfountain Co., Milwaukee, Wis. Wash fountain. 2,378,424; June 19.

Mullett, Howard G., and E. D. Wachter, Jr., Whitefish Bay, assignors to Bradley Washfountain Co., Milwaukee, Wis. Soap dispenser. 2,376,551; May 22.

Mullgardt, Alex S.: *See*—
Cherry, C. W., and Mullgardt.

Mullgardt, Alexander S., assignor to Cherry Rivet Company, Los Angeles, Calif. Rivet. 2,372,222; Mar. 27.

Mullgardt, Alexander S., assignor to Cherry Rivet Company, Los Angeles, Calif. Collet type pulling head. 2,384,990; Sept. 11.

Mullgardt, Alexander S., assignor to Cherry Rivet Company, Los Angeles, Calif. Rivet manufacture. 2,385,831; Oct. 2.

Mullin, James B., San Marino, Calif. Plastic bituminous compositions. 2,376,447; May 22.

Mullins, Joseph F.: *See*—
Ross, W. H., Shipley, Mullins, and Hardesty.

Mullins Manufacturing Corporation: *See*—
Benson, John H., assignor.
Swertfager, W. A., and Clark, assignors.

Multiple Breaker Company, The: *See*—
MacDonald, Joseph K., assignor.

Mulvany, Kenneth E.: *See*—
Dunham, E. J., and Mulvany.

Muma, John R., Northport, E. J. Wilson, Jr., and R. Haskins, Jr., Garden City, N. Y., assignors to Sperry Gyroscope Company, Inc. Liquid level switch. 2,376,377; May 22.

Mumford, Ivor R. J., Welwyn, England. Submersible container. 2,371,404; Mar. 13.

Mummert, Fred: *See*—
Keeling, H., and Mummert.

Mummery, Lester R., Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Process and apparatus for treating artificial filaments. 2,379,824; July 3.

Munday, John C., Cranford, N. J., assignor to Standard Oil Development Company. Treating and removing finely-divded solid material. 2,380,324; July 10.

Munday, John C., Cranford, N. J., and E. E. Stahly, East Baton Rouge, La., assignors to Standard Oil Development Company. Catalytic treatment of naphthas. 2,367,365; Jan. 16.

Munford, Theodore W., Ottawa Hills, assignor to Surface Combustion Corporation, Toledo, Ohio. Furnace. 2,384,764; Sept. 11.

Munk, William P., San Francisco, Calif. Oil and gas separator. 2,386,564; Oct. 9.

Munn, Elvin R., Fair-Play, Mo. Engine. 2,369,747; Feb. 20.

Munn, John E., Bellevue, assignor to Chemical Service Company, Pittsburgh, Pa., a partnership comprising T. Schleid, A. H. Munn and J. E. Munn. Oil well packer. 2,367,733; Jan. 23.

Munn, William F., West Orange, N. J. Gas analysis apparatus. 2,371,405; Mar. 13.

Munning, August P., East Orange, and W. J. Winward, Scotch Plains, assignors to Munning & Munning, Incorporated, Newark, N. J. Drier. 2,376,174; May 17.

Munning & Munning, Incorporated: *See*—
Munning, A. P., and Winward, assignors.

Munro, Alexander L., assignor to Smith Engineering Works, Milwaukee, Wis. Screen. 2,372,791; Apr. 3.

Munro, Donald H., Toronto, Ontario, Canada. Hockey game. 2,382,328; Aug. 14.

Munro, Donald H., Toronto, Ontario, Canada. Baseball game. 2,382,329; Aug. 14.

Munroe, David J.: *See*—
Dally, R., Goldsmith, and Munroe.

Munroe, John A., Toronto, Ontario, Canada. Toy bank. 2,372,388; Mar. 27.

Munsingwear, Inc.: *See*—
Fletcher, George A., assignor.

Munson, Alexander L., Detroit, Mich. Welding mechanism. 2,379,983; July 10.

Munton, John P.: *See*—
Clem, E. W., and Munton.

Munyer, Salem E., Jr., Chicago, Ill. Safety pin. 2,375,239; May 8.

Munyon, Lester H., Spokane, Wash. Chimney liner extension. 2,381,178; Aug. 7.

Muranyi, Vincent: *See*—
Brodsik, W. F., and Muranyi.

Murch, John H., East Orange, N. J., assignor to American Can Company, New York, N. Y. Feeding device. 2,374,694; May 1.

Murch, John H., East Orange, N. J., assignor to American Can Company, New York, N. Y. Coating machine. 2,390,118; Dec. 4.

Murch, John H., East Orange, R. E. J. Nordquist, Maplewood, and E. Nordstrom, East Orange, N. J., assignors to American Can Company, New York, N. Y. Coating machine. 2,366,210; Jan. 2.

Murch, John H., East Orange, and R. E. J. Nordquist, Maplewood, N. J., assignors to American Can Company, New York, N. Y. Can closing machine. 2,366,748; Jan. 9.

Murchey Machine & Tool Company: *See*—
Prance, Albert J., assignor.

Murden, William T., Bristol, Conn., assignor to General Motors Corporation, Detroit, Mich. Thrust bearing and mounting therefor. 2,387,602; Oct. 23.

Murdock, Abe: *See*—
Caruso, Vincent, assignor.

Murdock, Harold R., Asheville, and W. P. Lawrence, assignors to The Champion Paper and Fibre Company, Canton, N. C. Bleaching pulp. 2,377,171; May 29.

Murdock, Jesse M., Detroit, Mich. Internal-combustion engine. 2,380,778; July 31.

Murdock, William, Chicago, Ill. Fireplace andiron. 2,390,453; Dec. 4.

Murnane, John A., assignor to Chase Brass & Copper Co. Incorporated, Waterbury, Conn. Device for injecting viscous materials. 2,373,774; Apr. 17.

Muros, Joseph, Cambridge, assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor and blade. 2,367,422; Jan. 16.

Muros, Joseph, Cambridge, assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor. 2,367,517; Jan. 16.

Muros, Joseph, Cambridge, assignor to Gillette Safety Razor Company, Boston, Mass. Magazine for safety razor blades. 2,371,406; Mar. 13.

Murphree, Eger V., Summit, N. J., A. Voorhies, Jr., Baton Rouge, La., L. S. Bonnell, Westfield, N. J., and L. S. Tregre, Baton Rouge, La., assignors, by mesne assignments, to Standard Catalytic Company. Processing hydrocarbon oils. 2,380,897; July 31.

Murphy, Alfred J., Petts Wood, and G. T. Callis, Pinner, assignors to J. Stone & Company Limited, Deptford, England. Refining of copper base alloys. 2,384,256; Sept. 4.

Murphy, Arthur C., Tulsa, Okla. Safety cutoff switch. 2,384,562; Sept. 11.

Murphy, Charles J., Fort Wayne, Ind., assignor to Essex Wire Corporation. Flier for wrapping yarn around wire. 2,390,454; Dec. 4.

Murphy, Dean, Rahway, N. J., assignor to Chadeloid Chemical Company. Lacquer coatings. 2,372,334; Mar. 27.

Murphy, Donald W., Bethlehem, Pa., assignor to Bethlehem Steel Company. Machining steels. 2,388,214; Oct. 30.

Murphy, Donald W., Bethlehem, Pa., assignor to Bethlehem Steel Company. Machining steels. 2,388,215; Oct. 30.

Murphy, Edward J., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Vacuum condenser. 2,389,207; Nov. 20.

Murphy, Gerald P., Cleveland, Ohio. Sign. 2,383,881; Aug. 28.

Murphy, Harold E., administrator: *See*—
Downer, Gerald W.

Murphy, Helendoris, et al.: *See*—
Fear, Ernest D., assignor.

Murphy, Howard J., Greenwood, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Nut and nut installation. 2,382,942; Aug. 14.

Murphy, Howard J., Greenwood, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Turn button fastener. 2,382,943; Aug. 14.

Murphy, John J., Oakville, and A. J. Reisinger, Waterbury, assignors to The Autoyre Company, Incorporated, Oakville, Conn. Display card and fastener holder 2,374,881; May 1.

Murphy, Joseph C., assignor of one-half to P. Weaver, Frannie, Wyo. Bulldozer tooth. 2,384,957; Sept. 18.

Murphy, Joseph E.: *See*—
Staid, I. J., and Murphy.

Murphy, Orlando J., Summit, and N. D. Newby, Leonia, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,367,885; Jan. 23.

Murphy, Peter, Brooklyn, N. Y. Solid tire cushion wheel. 2,387,930; Oct. 30.

Murphy Radio Limited: *See*—
Baker, G. B., and Hawkins, assignors.

Murphy, Timothy F., Buffalo, N. Y., assignor to Allied Chemical & Dye Corporation. Color paste composition. 2,377,172; May 29.

Murphy, William H., executor: *See*—
De Lisle, Harry.

Murray Corporation of America, The: *See*—
Comstock, Alfred E., assignor.
Freeman, Lowell C., assignor.
Haberstump, Alfred H., assignor.
Haberstump, A. H., Jessup, and Wolofski, assignors.
Stephens, Russell D., assignor.
Tea, C. A., and Luther, assignors.
Wilkins, Howard W., assignor.

Murray Corporation, The: *See*—
Haberstump, Alfred H., assignor.

Murray, D. J., Manufacturing Co.: *See*—
Hartwig, Walter J., assignor.
Payzer, S. D., and Gray, assignors.

Murray, Francis C., Kittanning, Pa. Locking device. 2,374,297; Apr. 24.

Murray, Henry L., Epsom, Auckland, New Zealand. Ejector-condenser. 2,378,425; June 19.

Murray, Howard J., New York, N. Y. Combined fluid drive and automatic speed power transmission mechanism. 2,368,865; Feb. 6.

Murray, Howard J., New York, N. Y. Fluid drive mechanism. 2,386,258; Oct. 9.
Murray, James B., Garden City, N. Y. File folder. 2,374,695; May 1.
Murray, John, Chobham, England. Mechanized mount for the assembly of flat printing plates. 2,373,491; Apr. 10.
Murray, John D., Chicago, Ill. Acetylation process and product. 2,376,378; May 22.
Murray, John J., Arlington, Mass. Electrolytic method of producing printing plates. 2,367,236; Jan. 16.
Murray, Joseph A., Bethesda, Md. Strip shingle. 2,378,027; June 12.
Murray, Lawrence J., assignor to Automatic Telephone & Electric Company Limited, Liverpool, England. Telephone or like system. 2,387,525; Oct. 23.
Murray, Malcolm G., Ellwood City, Pa., assignor to National Tube Company. Making composite tubes. 2,371,348; Mar. 13.
Murray, Otis W., South River, N. J., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Photography. 2,369,171; Feb. 13.
Murray, Otis W., South River, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Photographic article of manufacture. 2,386,167; Oct. 2.
Murray, Otis W., Metuchen, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Photographic element. 2,379,373; June 26.
Murray, Thomas E., Brooklyn, N. Y. Welding. 2,366,978; Jan. 9.
Murray, Thomas F., Jr.: *See*—
Kenyon, W. O., and Murray.
Murrell, William P., Norman, Okla. Bicycle seat. 2,376,713; May 22.
Murtaugh, Joseph P.: *See*—
Daniels, A. W., and Murtaugh.
Musante, Louis, Ansonia, Conn. Head turning machine. 2,374,769; May 1.
Musebeck, George E., assignor to Musebeck Shoe Company, Danville, Ill. Picture projecting record. 2,369,483; Feb. 13.
Musebeck Shoe Company: *See*—
Musebeck, George E., assignor.
Musher Foundation Incorporated: *See*—
Musher, Sidney, assignor.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Manufacture of antioxygenic paper. 2,377,359; June 5.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Dry molasses food composition. 2,377,360; June 5.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Food composition. 2,391,474; Dec. 25.
Muskat, Irving E.: *See*—
Pollack, M. A., Muskat, and Strain.
Muskat, Irving E., Akron, Ohio, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Condensation of chromic chloride. 2,368,319; Jan. 30.
Muskat, Irving E., Akron, Ohio, assignor to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Precipitating alkali metal hydroxide. 2,373,257; Apr. 10.
Muskat, Irving E., Akron, Ohio, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Polymerization of phthalate derivatives. 2,377,095; May 29.
Muskat, Irving E., Akron, Ohio, assignor to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Corrosion resistant coating compositions. 2,379,246; June 26.
Muskat, Irving E., Akron, Ohio, assignor to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Preparing shaped sheets of hard polymer. 2,379,247; June 26.
Muskat, Irving E., Akron, Ohio, assignor to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Preparing curved sheets of polymeric material. 2,379,248; June 26.
Muskat, Irving E., Glenside, assignor to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Heat transfer medium. 2,379,249; June 26.
Muskat, Irving E., and F. Strain, Akron, Ohio, assignors to Pittsburgh Plate Glass Company, Allegheny County, Pa. Polybasic acid-polyhydric alcohol esters and polymers thereof. 2,370,565; Feb. 27.
Muskat, Irving E., and F. Strain, Akron, Ohio, assignors to Pittsburgh Plate Glass Company, Allegheny County, Pa. Complex esters and polymers thereof. 2,370,566; Feb. 27.
Muskat, Irving E., and F. Strain, Akron, Ohio, assignors to Pittsburgh Plate Glass Company, Allegheny County, Pa. Preparation of carbonic acid esters. 2,370,567; Feb. 27.
Muskat, Irving E., and F. Strain, Akron, Ohio, assignors to Pittsburgh Plate Glass Company, Allegheny County, Pa. Haloformate esters and processes of production. 2,370,568; Feb. 27.
Muskat, Irving E., and F. Strain, Akron, Ohio, assignors to Pittsburgh Plate Glass Company, Allegheny County, Pa. Preparation of carbonic acid esters. 2,370,569; Feb. 27.
Muskat, Irving E., Akron, Ohio, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Methallyl chloroformate. 2,370,570; Feb. 27.
Muskat, Irving E., and F. Strain, Akron, Ohio, assignors to Pittsburgh Plate Glass Company, Allegheny County, Pa. Preparation of carbonic acid esters. 2,370,571; Feb. 27.
Muskat, Irving E., Akron, and F. Strain, Norton Center, Ohio, assignors to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Unsaturated esters and polymers thereof. 2,370,572; Feb. 27.
Muskat, Irving E., Akron, and F. Strain, Norton Center, Ohio, assignors to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Unsaturated esters and polymers thereof. 2,370,573; Feb. 27.
Muskat, Irving E., Akron, and F. Strain, Norton Center, Ohio, assignors to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Unsaturated esters and polymers thereof. 2,370,574; Feb. 27.
Muskat, Irving E., and F. Strain, Akron, Ohio, assignors to Pittsburgh Plate Glass Company, Allegheny County, Pa. Preparation of carbonic acid esters. 2,379,250; June 26.
Muskat, Irving E., and F. Strain, Akron, Ohio, assignors to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Composition of matter. 2,379,251; June 26.
Muskat, Irving E., Akron, and F. Strain, Norton Center, Ohio, assignors to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Carbonic acid esters. 2,379,252; June 26.
Muskat, Irving E., Akron, and F. Strain, Norton Center, Ohio, assignors to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Plasticized cellulose ester. 2,381,511; Aug. 7.
Muskat, Irving E., and F. Strain, Akron, Ohio, assignors to Pittsburgh Plate Glass Company, Allegheny County, Pa. Polybasic acid-polyhydric alcohol esters and polymers thereof. 2,384,115; Sept. 4.
Muskat, Irving E., and F. Strain, Akron, Ohio, assignors to Pittsburgh Plate Glass Company, Allegheny County, Pa. Unsaturated esters and polymers thereof. 2,384,116; Sept. 4.
Muskat, Irving E., and F. Strain, Akron, Ohio, assignors to Pittsburgh Plate Glass Company, Allegheny County, Pa. Unsaturated esters and polymers thereof. 2,384,117; Sept. 4.
Muskat, Irving E., and F. Strain, Akron, Ohio, assignors to Pittsburgh Plate Glass Company, Allegheny County, Pa. Composition of matter. 2,384,118; Sept. 4.
Muskat, Irving E., Akron, and F. Strain, Norton Center, Ohio, assignors to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Unsaturated esters. 2,384,119; Sept. 4.
Muskat, Irving E., Akron, and F. Strain, Norton Center, Ohio, assignors to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Unsaturated esters and polymers thereof. 2,384,120; Sept. 4.
Muskat, Irving E., Akron, and F. Strain, Norton Center Ohio, assignors to Pittsburgh Plate Glass Company Pittsburgh, Pa. Unsaturated esters and polymers thereof. 2,384,121; Sept. 4.
Muskat, Irving E., Akron, and F. Strain, Norton Center, Ohio, assignors to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Unsaturated ester and polymer thereof. 2,384,122; Sept. 4.
Muskat, Irving E., Akron, and F. Strain, Norton Center, Ohio, assignors to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Unsaturated carbonate esters and polymers thereof. 2,384,123; Sept. 4.
Muskat, Irving E., Akron, and F. Strain, Norton Center, Ohio, assignors to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Unsaturated esters and polymers thereof. 2,384,124; Sept. 4.
Muskat, Irving E., Akron, and F. Strain, Norton Center, Ohio, assignors to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Unsaturated esters and polymers thereof. 2,384,125; Sept. 4.
Muskat, Irving E., Akron, and F. Strain, Norton Center, Ohio, assignors to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Unsaturated esters and polymers thereof. 2,384,126; Sept. 4.
Muskat, Irving E., and F. Strain, Akron, Ohio, assignors to Pittsburgh Plate Glass Company, Allegheny County, Pa. Polybasic acid-polyhydric alcohol esters and polymers thereof. 2,385,930; Oct. 2.
Muskat, Irving E., Akron, and F. Strain, Norton Center, Ohio, assignors to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Unsaturated esters and polymers thereof. 2,385,931; Oct. 2.
Muskat, Irving E., Akron, and F. Strain, Norton Center, Ohio, assignors to Pittsburgh Plate Glass Co., Pittsburgh, Pa. Unsaturated esters and polymers thereof. 2,385,932; Oct. 2.
Muskat, Irving E., Akron, and F. Strain, Norton Center, Ohio, assignors to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Unsaturated alcohol esters of triethylene glycol bis (acid carbonate) and polymers thereof. 2,385,933; Oct. 2.
Muskat, Irving E., Akron, and F. Strain, Norton Center, Ohio, assignors to Pittsburgh Plate Glass Co., Pittsburgh, Pa. Unsaturated esters and polymers thereof. 2,385,934; Oct. 2.
Muskat, Irving E., and F. Strain, Akron, Ohio, assignors to Pittsburgh Plate Glass Company, Allegheny County, Pa. Unsaturated esters and polymers thereof. 2,387,931; Oct. 30.
Muskat, Irving E., and F. Strain, Akron, Ohio, assignors to Pittsburgh Plate Glass Company, Allegheny County, Pa. Composition of matter. 2,387,932; Oct. 30.

Muskat, Irving E., Akron, and F. Strain, Norton Center, Ohio, assignors to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Unsaturated esters and polymers thereof. 2,387,933; Oct. 30.
Muskat, Irving E., Akron, and F. Strain, Norton Center, Ohio, assignors to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Composition of matter and polymerization products thereof. 2,387,934; Oct. 30.
Muskat, Irving E., Glenside, Pa., and F. Strain, Norton Center, Ohio, assignors to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Unsaturated ester-amides. 2,390,551; Dec. 11.
Muskat, Morris, Oakmont, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Recovery of oil from oil fields. 2,385,298; Sept. 18.
Muskegon Piston Ring Company: *See*—
Lane, P. S., and Hamm, assignors.
Scarff, Harold M., assignor.
Stenwall, Robert, assignor.
Musselman, John M., South Euclid, assignor to The Standard Oil Company, Cleveland, Ohio. Preparation of lubricants. 2,383,495; Aug. 28.
Musselman, John M., South Euclid, assignor to The Standard Oil Company, Cleveland, Ohio. Composition of matter suitable for use as a lubricant and lubricant comprising the same. 2,385,832; Oct. 2.
Mussen, Donald N., Williamsville, assignor to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner. 2,376,714; May 22.
Musser, Clarence W., Philadelphia, Pa. Primer manufacture. 2,379,450; July 3.
Musser, David M.: *See*—
Rast, W. L., and Musser.
Mussler, Frank H.: *See*—
Bullard, E. P., III, Alvey, Cowell, Lange, and Mussler.
Musson, Alfred H., Woolwich, London, S. E. 18, and V. P. Harvey, Deptford, London, S. E. 6, England. Fuse-setting apparatus. 2,390,382; Dec. 4.
Muster, Harold B.: *See*—
Allen, E. L., and Muster.
Schonitzer, R. I., Allen, and Muster.
Schonitzer, R. I., and Muster.
Muster, Harold B., Avon Lake, assignor to Rudolph I. Schonitzer, Shaker Heights, Ohio. Sheet metal nut 2,391,031; Dec. 18.
Mustered, Ralph A., Ottawa, Ill., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Cutting machine. 2,383,208; Aug. 21.
Mustin, Gilbert B., Lansdowne, assignor to Frank H. Fleer Corporation, Philadelphia, Pa. Chewing gum base. 2,366,672; Jan. 2.
Muther, Lorenz F.: *See*—
Glines, Frederick S., assignor.
Mutual Citrus Products Company: *See*—
Leo, H. T., and Taylor, assignors.
Leo, H. T., Taylor and Lindsey, assignors.
Mutual Life Insurance Company, The: *See*—
Williams, Ben H., assignor.
Mycalex Corporation of America: *See*—
Monack, Albert J., assignor.
My Double Company: *See*—
Sander, Frank S., assignor.
Myer, Wilbur V., San Diego, Calif. Building construction. 2,373,409; Apr. 10.
Myers, David M., Larchmont, N. Y. Fire extinguisher means. 2,378,426; June 19.
Myers, E. A., & Sons: *See*—
Lybarger, Samuel F., assignor.
Myers, Edward C., Racine, Wis. Flexible track. 2,378,427; June 19.
Myers, Frederick J., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Moldable plastic compositions. 2,367,423; Jan. 16.
Myers, Frederick J., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Plastic masses. 2,386,744; Oct. 9.
Myers, Henry C., Irwin, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Vapor-electric device. 2,372,104; Mar. 20.
Myers, Homer S.: *See*—
Selman, R. W., Jr., and Myers.
Myers, Jennie B., executrix: *See*—
Myers, Shierfield G.
Myers, Joseph W.: *See*—
Walder, E., and Myers.
Myers, Joseph W., assignor to Proctor & Schwartz, Inc., Philadelphia, Pa. Electrical cooking apparatus. 2,387,460; Oct. 23.
Myers, Joseph W., assignor to Proctor & Schwartz, Inc., Philadelphia, Pa. Toaster. 2,388,641; Nov. 6.
Myers, Joseph W., and S. J. Roesch, assignors to Proctor & Schwartz, Inc., Philadelphia, Pa. Electrical cooking unit. 2,387,461; Oct. 23.
Myers, Latimer D.: *See*—
Fitzpatrick, J. D., and Myers.
Myers, Latimer D., and C. A. Spreng, assignors to Emery Industries, Inc., Cincinnati, Ohio. Selective oxidation of unsaturated fatty bodies. 2,369,108; Feb. 6.
Myers, Leonard D., Washington, D. C., assignor, by mesne assignments, to Reconstruction Finance Corporation, Chicago, Ill. Fire extinguishing method and apparatus. 2,387,935; Oct. 30.
Myers, Oscar: *See*—
McKim, B., and Myers.
Myers, Robert J., Rydal, and D. S. Herr, assignors to The Resinous Products & Chemical Company, Philadelphia, Pa. Removal of fluorine from water. 2,373,632; Apr. 10.
Myers, Robert P.: *See*—
Whitaker, R., Myers, and Homberger.
Myers, Shierfield G., deceased, by J. B. Myers, Freeport, executrix, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Converting device. 2,377,898; June 12.
Myers, Thomas G., assignor to U. S. Electrical Motors, Inc., Los Angeles, Calif. Sealed submersible structure. 2,379,648; July 3.
Myers, Thomas G., assignor to U. S. Electrical Motors, Inc., Los Angeles, Calif. Submersible structure. 2,381,615; Aug. 7.
Myles, James R., D. Whittaker, Northwich, and F. J. Siddle, Manchester, England, assignors to Imperial Chemical Industries Limited. Fabric. 2,374,121; Apr. 17.
Myron, John P., deceased, Pittsburgh, Pa.; R. A. Myron, executrix, assignor to F. B. Leopold Company, Inc. Filter bottom. 2,378,239; June 12.
Myron, Rose A., executrix: *See*—
Myron, John P.
Nabstedt, Arthur T., Hamden, assignor to The Snow-Nabstedt Gear Corporation, New Haven, Conn. Transmission mechanism. 2,370,484; Feb. 27.
Nachel, Edward R., Chicago, Ill. Squaring scale. 2,388,174; Oct. 30.
Nachemov, Leonard, assignor to A. J., T. T., and N. Sossner, a copartnership doing business as Sossner Steel Stamps, New York, N. Y. Precision grinding wheel dressing device for pantograph machines. 2,388,216; Oct. 30.
Nachod, Frederick: *See*—
Riley, R., and Nachod.
Nachod, Frederick C., Mount Holly, N. J., assignor to The Permutit Company, New York, N. Y. Recovering precious metal. 2,371,119; Mar. 6.
Nachtman, John S., Youngstown, Ohio. Brightening electroplated contings. 2,369,748; Feb. 20.
Nachtman, John S., Pittsburgh, Pa. Electroplating baths. 2,370,986; Mar. 6.
Nachtman, John S., Pittsburgh, Pa. Electrolytic cleaning and pickling of metal surfaces. 2,372,599; Mar. 27.
Nadeau, Gale F.: *See*—
Capstaff, J. G., Nadeau, and Starck.
Nadeau, Gale F., assignor to Eastman Kodak Company, Rochester, N. Y. Method and apparatus for making film. 2,369,484; Feb. 13.
Nadeau, Gale F., assignor to Eastman Kodak Company, Rochester, N. Y. Antihalation film. 2,376,175; May 15.
Nadeau, Gale F., E. H. Hilborn, and C. S. Hunter, assignors to Eastman Kodak Company, Rochester, N. Y. Drawing surface. 2,386,626; Oct. 9.
Nadeau, Gale F., and C. S. Hunter, assignors to Eastman Kodak Company, Rochester, N. Y. Antistatic film. 2,386,627; Oct. 9.
Nadel, Louis D.: *See*—
Gorey, A. H., Nadel, and Nitsch.
Gorey, A. H., Nadel, Nitsch, and Steiner.
Nador, Emory: *See*—
Sheldrick, L. S., Farkas, and Nador.
Naegele, William P.: *See*—
Steenbock, P. W., and Naegele.
Nærbø, Daniel, Stavanger, Norway; vested in the Alien Property Custodian. Fluid operated switch. 2,371,909; Mar. 20.
Naftali, Henry: *See*—
Naftali, Rudolf, V., and H.
Naftali, Rudolf and V., Pelham Manor, and H., Bronx, N. Y., assignors to American Machine and Foundry Company. Sewing machine. 2,372,105; Mar. 20.
Naftali, Rudolf and V., Mount Vernon, and H. Naftali, New York, N. Y., assignors to American Machine and Foundry Company. Sewing apparatus. 2,383,613; Aug. 28.
Naftali, Valentine: *See*—
Naftali, Rudolf, V., and H.
Nagamatsu, Henry T., Cheektowaga, N. Y., assignor to Curtiss-Wright Corporation. Airplane. 2,387,526; Oct. 23.
Nagamatsu, Henry T., Cheektowaga, N. Y., assignor to Curtiss-Wright Corporation. Cargo airplane. 2,387,527; Oct. 23.
Nagel, George W., Catonsville, Md., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit control system. 2,372,106; Mar. 20.
Nagel, Henryk, Bronx, assignor to Practo Photo Accessories Corp., Brooklyn, N. Y. Coupling device for camera attachments. 2,372,223; Mar. 27.
Nagel, Nathan, et al.: *See*—
Young, Edgar C., assignor.
Nagel, Theodore, Brooklyn, N. Y. Steam generator. 2,374,882; May 1.
Nagel, Theodore, Brooklyn, N. Y. Oil burning system. 2,390,806; Dec. 11.
Nagelvoort, Adriaan, Salt Lake City, Utah. Recovering resins from coal. 2,378,152; June 12.
Nagin, Harry S., Pittsburgh, Pa., assignor to Reliance Steel Products Company. Treatment of grating structures. 2,382,898; Aug. 14.

Nagle, Paul R., Oklahoma City, Okla. Derrick structure. 2,386,494; Oct. 9.

Nagley, David: *See*—
Thurston, P. L., and Nagley.

Nagy, Paul, Richmond, and M. J. Goddard, Newbury, England. Production of electric potential variations of triangular form. 2,369,749; Feb. 20.

Nagy, Paul, Richmond, and M. J. Goddard, Newbury, England. Electronic valve device. 2,369,750; Feb. 20.

Nagy, Paul, Richmond, and M. J. Goddard, Newbury, England. Electron beam valve device. 2,370,255; Feb. 27.

Nahigyan, Kevork K., Hampton, Va. Fuel vaporizer for jet propulsion units. 2,385,833; Oct. 2.

Naidech, Louis, Brooklyn, assignor to Irresistible, Inc., New York, N. Y. Cosmetic container. 2,375,027; May 1.

Nailor, Albert R., Mentor, Ohio. Parachute. 2,384,127; Sept. 4.

Nairn, George P., Salem, N. J., assignor to Anchor Hocking Glass Corporation, Lancaster, Ohio. Weight and capacity testing device. 2,383,269; Aug. 21.

Naibach, John R., Oak Park, assignor to Middleby-Marshall Oven Company, Chicago, Ill. Bake oven conveyer. 2,390,455; Dec. 4.

Naibach, John R., Oak Park, and A. Haupt, assignors to Middleby-Marshall Oven Co., Chicago, Ill. Bake oven conveyer. 2,369,840; Feb. 20.

Naibach, John R., Oak Park, and W. F. Gresham, Chicago, assignors to C. D. Mastrud, Oak Park, Ill. Power-operating means for tooth brushes. 2,372,731; Apr. 3.

Naibach, John R., Oak Park, and A. Haupt, assignors to Middleby-Marshall Oven Co., Chicago, Ill. Bake oven. 2,384,390; Sept. 4.

Naile, Charles R., Philadelphia, Pa. Adjustable caster socket. 2,385,154; Sept. 18.

Naile, George S., Jr., Austin, Tex. Strain gauge fabricating machine. 2,377,361; June 5.

Nallinger, Fritz, Stuttgart, and A. Berger, Stuttgart-Oberturkheim, Germany; vested in the Alien Property Custodian. Liquid clutch transmission. 2,385,834; Oct. 2.

Nance, Willard L., Peoria, Ill. Truck brake. 2,389,320; Nov. 20.

Nansen, Alexander: *See*—
Boeckeler, B. C., Lummus, and Nansen.

Naón, Ernesto A. F. M., Buenos Aires, Argentina. Folding stool. 2,385,458; Sept. 25.

Napier, D., & Son Limited: *See*—
Churchill, John A., assignor.
Halford, F. B., and Wallace, assignors.

Naranick, Nicholas T., U. S. Army, Casper, Wyo. Self-heating container. 2,374,696; May 1.

Naratil, John S., Palmerton, Pa., assignor to The New Jersey Zinc Company, New York, N. Y. Preparing pellets for sintering. 2,391,588; Dec. 25.

Nardone, Romeo M., Westwood, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Fuel feed pump for internal-combustion engines. 2,368,562; Jan. 30.

Nardone, Romeo M., Westwood, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Transmission. 2,374,829; May 1.

Nardone, Romeo M., Westwood, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Motive system. 2,375,029; May 1.

Nardone, Romeo M., Westwood, assignor to Bendix Aviation Corporation, Bendix, N. J. Brush operating mechanism. 2,377,260; May 29.

Nardone, Romeo M., Westwood, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine starting mechanism. 2,377,362; June 5.

Nardone, Romeo M., Westwood, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Aircraft control. 2,381,362; Aug. 7.

Nardone, Romeo M., Westwood, assignor to Bendix Aviation Corporation, Bendix, N. J. Brush assembly. 2,381,982; Aug. 14.

Nardone, Romeo M., Westwood, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine starting mechanism. 2,386,812; Oct. 16.

Nardone, Romeo M., East Orange, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Aircraft control. 2,375,028; May 1.

Nardone, Romeo M., Teaneck, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine starting mechanism. 2,380,064; July 10.

Nardone, Romeo M., Teaneck, assignor to Bendix Aviation Corporation, Teterboro, N. J. Actuating unit for retractable landing gear. 2,391,333; Dec. 18.

Narracott, Eric S.: *See*—
Fawcett, E. W. M., and Narracott.

Narvarte, Peter E., assignor to O. S. Petty, San Antonio, Tex. Blasting cap. 2,377,804; June 5.

Nash, Alfred G., Richmond Hill, N. Y., assignor to Fairchild Camera and Instrument Corporation. Camera shutter operating mechanism. 2,372,974; Apr. 3.

Nash, James, assignor to W. H. Murphy, executor of H. De Lisle, deceased, doing business as Engineering Sales Company, Sheboygan, Wis. Supporting means. 2,366,155; Jan. 30.

Nash, James E.: *See*—
Adorjan, P., Nash, and Rogers.

Nash-Kelvinator Corporation: See—
Armstrong, George M., assignor.
Berry, W. S., Phelps, and Ulrich, assignors.
Cossin, Hursle E., assignor.
Doez, Ralph W., assignor.
Drake, Earl D., assignor.
Goulooze, Martin J., assignor.
Giffard, Whitney, assignor.
Kishline, Floyd F., assignor.
Phelps, Ross H., assignor.
Philipp, Lawrence A., assignor.
Scullen, H. J., assignor.
Ulrich, Theodore, assignor.

Nash, Leonard W., Salem, and C. W. Williams, Shaker Heights, Ohio, assignors to E. W. Bliss Company, Brooklyn, N. Y. Rolling mill construction. 2,369,684; Feb. 20.

Nashua Gummed and Coated Paper Company: *See*—
Gautier, T. R., and Holtt, assignors.

Nashua Manufacturing Company: *See*—
Radford, George S., assignor.
Russell, Joseph W., assignor.

Nasmith, John I., Chislehurst, and W. Kirby, assignors to Vickers-Armstrongs Limited, London, England. Wire stitching machine. 2,374,373; Apr. 24.

Nasmith, John I., Chislehurst, and W. Kirby, assignors to Vickers-Armstrongs Limited, London, England. Wire-stitching machine. 2,374,770; May 1.

Nassau Smelting & Refining Company: *See*—
Deitz, Louis S., Jr., assignor.

Nassau Smelting & Refining Company, Incorporated: *See*—
Deitz, Louis S., Jr., assignor.
Deitz, L. S., Jr., and Jacobson, assignors.

Nasset, Olaf N., Toledo, Ohio. Boom angle and radius indicator. 2,374,298; Apr. 24.

Nassour, Edward, Los Angeles, Calif. Apparatus for modeling figures for animated photography. 2,372,843; Apr. 3.

Natanson, Michael, Dorchester, assignor to Compo Shoe Machinery Corporation, Boston, Mass. Prewelt lasting machine. 2,378,153; June 12.

Nathan Manufacturing Company: *See*—
Folke, Bengt E., assignor.
Folke, B. E., and Winther, assignors.

Nathan, Simon J., Washington, D. C. Therapeutic compound. 2,371,254; Mar. 13.

Nathansohn, John: *See*—
Fischler, P. E., and Nathansohn.

Natho, Ann H., Lockport, La. Handle for jars. 2,372,107; Mar. 20.

Nation, Charles S., Marion, Ill. Deep well pump. 2,370,413; Feb. 27.

Nation, Frank W., Fort Gibson, Okla. Pipe-cutting machine. 2,384,128; Sept. 4.

National Acme Company, The: *See*—
Drissner, A. E., and Hogg, assignors.
Hogg, William J., assignor.
Powell, D. R., and Moore, assignors.

National Agrol Company, Inc.: *See*—
Hale, W. J., and Underkofler, assignors.
Miller, Harry, assignor.

National Aluminate Corporation: *See*—
Sherwood, Frederick E., assignor.

National Argol Company, Inc.: *See*—
Miller, Harry, assignor.

National Automatic Tool Company, The: *See*—
Rodal, Ralph, assignor.
Schafer, E. A., and Rodal, assignors.

National Automotive Fibres, Inc.: *See*—
Davies, Clarence J., assignor.
Detrick, Edward R., assignor.
Faris, H. P., and White, assignors.
Lind, Alvin C., assignor.
Lind, A. C., and Carlin, assignors.
Millar, John R., assignor.

National Bank of Bloomington, The, et al., executors: *See*—
Cornish, Irving R., assignor.

National Battery Company: *See*—
Rupp, John L., assignor.

National Biscuit Company: *See*—
Davidson, Bruce J., assignor.
Lang, Rudolph C., assignor.
Moore, George A., assignor.
Tascher, Eugene S., assignor.

National Blank Book Company: *See*—
Schade, Frank S., assignor.
Schade, John, assignor.

National Brass Company: *See*—
Quigley, Herbert, assignor.
Quigley, H., and Ter Meer, assignors.

National Broach & Machine Company: *See*—
Ashton, Harold, assignor.
Connell, John L., assignor.
Mentley, Max B., assignor.
Praeg, Walter S., assignor.

National Bundle Tyer Company: *See*—
Saxton, Albert H., assignor.

National By-Products, Incorporated: *See*—
Joyce, F. E., and Lindhardt, assignors.

National Carbon Company, Inc.: *See*—
Janes, Milton, assignor.
Schumacher, E. A., and Heise, assignors.

National Cash Register Company, The: *See*—
Barnum, L. N., Donnelly, and Maple, assignors.
Colley, Arthur R., assignor.
Deutsch, Jakob, assignor.
Edmonson, Roger W., assignor.
Green, Barrett K., assignor.
Homan, W., and Hull, assignors.
Kibler, Alfred G., assignor.
Klosterman, Joseph J., assignor.
Kreider, Walter J., assignor.
Robertson, W. H., and Eickman, assignors.
Spurlino, P., and Rauch, assignors.
Spurlino, P., Colley, Lebman, and Gantner, assignors.
Spurlino, P., Carroll, Colley, and Kibler, assignors.
Spurlino, P., Placke, Eickman, and Kramer, assignors.
Whitmore, Robert M., assignor.
Widmont, Joseph C., assignor.

National Casket Company, Incorporated: *See*—
Hayes, Floyd W., assignor.
MacDonald, M. J., and Schwendler, C. S. and F. C., assignors.

National City Bank of Evansville, Ind., administrator: *See*—
Thomas, Albert R.

National Company, Inc.: *See*—
Ferrill, Thomas M., Jr., assignor.
Smith, Graydon, assignor.

National Cotton Council of America: *See*—
Nickerson, Ralph F., assignor

National Cylinder Gas Company: *See*—
Bottoms, R. R., and Bowden, assignors.
Pelland, Raymond L., Jr., assignor.

National Dairy Products Corporation: *See*—
Atwood, Francis C., assignor.

National Electric Coil Company: *See*—
Greene, N. J., and Liwschitz-Garik, assignors.

National Electric Products Corporation: *See*—
Fullman, James M. G., assignor.

National Foam System, Inc.: *See*—
Hogenmiller, Francis J., assignor.
Wendell, Evert J., assignor.

National Folding Box Company: *See*—
Carruth, H. A., and Williamson, assignors.
Ringler, William A., assignor.
Williamson, Marshall I., assignor.
Williamson, M. I., and Carruth, assignors.
Williamson, M. I., and Fink, assignors.
Williamson, M. I., and Pantalone, assignors.

National Lead Company: *See*—
Agnew, W. Y., and Cole, assignors.
Beard, George F., assignor.
Dahlstrom, Roy, assignor.
Dustan, Frank, assignor.
Kebrich, Leonard M., assignor.
Kingsbury, F. L., Cole, and Anderson, assignors.
(Orsino, J. A., assignor), and Harmon.
Robertson, Durant W., assignor.
Robertson, D. W., and Breckley, assignors.
Stewart, A., and Pitrot, assignors.
Williams, Francis J., assignor.
Williams, F. J., and Kaplan.
Williams, F. J., and Orsino, assignors.

National Live Stock and Meat Board: *See*—
Gulbransen, Capron R., assignor.

National Lock Co.: *See*—
North, E. W., and Burke, assignors.

National Lock Washer Company, The: *See*—
Kuehlman, Norman V., assignor.
North, Edwin W., assignor.
Ostrom, Martin, assignor.
Stone, Roy A., assignor.

National Machinery Company, The: *See*—
Friedman, John H., assignor.
Frost, Earl R., assignor.

National Malleable and Steel Castings Company: *See*—
Kloss, Elmer C., assignor.
Shafer, James A., assignor.

National Marking Machine Company, The: *See*—
Keuper, William J., assignor.
Migliarese, John, assignor.

National Metal Edge Box Company: *See*—
Junkin, Malcolm P., assignor.

National Milker Company: *See*—
Lowry, Jesse R., assignor.

National Oil Products Company: *See*—
Arnold, A., and Schreiber, assignors.
Buxton, Loran O., assignor.
Buxton, L. O., and Briod, assignors.
Colman, Howard B., assignor.
Davis, G. D., and Barth, assignors.
Davis, G. P., Price, and Milligan, assignors.
Dombrow, Bernard A., assignor.
Fritz, James H., assignor.
Kelley, M. J., and Abramowitz, assignors.
Price, D., and Bond, assignors.
Price, D., and Griffith, assignors.
Price, D., and May, assignors.
Segessemann, Ernest, assignor.
Segessemann, E., and Abramowitz, assignors.
Sherman, L. R., and Bartels, assignors.
Woolley, Dilworth W., assignor.

National Plastics Corporation: *See*—
Rubin, Noah, assignor.

National Pneumatic Company: *See*—
Newkirk, John R., assignor.
Weigele, Albert E., assignor.

National Pressure Cooker Company: *See*—
Wittenberg, Edward H., assignor.

National Research Corporation: *See*—
Downing, J. R. O., and Humes, assignors.

National Rubber Machinery Company, The: *See*—
Iverson, Cato, assignor.

National-Simplex-Bludworth, Inc.: *See*—
Bludworth, Timothy F., assignor.

National Slug Rejectors, Inc.: *See*—
Fry, Benjamin W., assignor.

National-Standard Company: *See*—
Shook, Florain J., assignor.

National Steel Corporation: *See*—
Bayer, C. E., and Carr, assignors.
Cover, Martin L., assignor.
Dishauzi, Steve J., assignor.
Halicki, W. A., and Gordon, assignors.
Klein, Clarence J., assignor.
Pieri, E. D., and Bowen, assignors.
Rauschenberger, George W., assignor.
Selmi, L. G., and Altenburger, assignors.
Strassburger, Julius H., assignor.

National Supply Company, The: *See*—
Bishop, J. O., and Babcock, assignors.
Shoup, Stanley S., assignor.
Timbs, Edward, assignor.

National Technical Laboratories: *See*—
Cary, H. H., and Baxter, assignors.

National Tube Company: *See*—
Bannister, Bryant, assignor.
Buchanan, Edward D., assignor.
Edwards, William E., assignor.
Graham, James B., assignor.
Gruber, I. B., and Zemberry, assignors.
Kirchner, George J., assignor.
Kritscher, Andrew F., assignor.
Miller, John A., assignor.
Murray, Malcolm G., assignor.
Nesbitt, A. B., and Webb, assignors.
Rowe, Andrew R., assignor.

National Union Radio Corporation: *See*—
Belden, Perry, assignor.

National Urn Bag Company: *See*—
Irmscher, Hans O., assignor.

National Urn Bag Company, Inc.: *See*—
Barnett, Louis, assignor.

Natta, Giulio, Milano, Italy; vested in the Alien Property Custodian. Manufacture of keta-alcohols. 2,378,573; June 19.

Nattenheimer, Martin L., Chicago, Ill. Hat retainer. 2,377,711; June 5.

Naud, George G., Seattle, Wash., assignor to Webster-Brinkley Co. Electromagnetic actuator. 2,379,029; June 26.

Nauert, Carl H., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigerator. 2,367,886; Jan. 23.

Nauert, Carl H., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigerating apparatus. 2,380,256; July 10.

Naugle, John J., New York, N. Y. Filtering means. 2,381,462; Aug. 7.

Naugler, Walter E.: *See*—
Brostrom, C. G., and Naugler.

Naul, James M., Fanwood, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Motor controller. 2,371,772; Mar. 20.

Naul, James M., Fanwood, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Variable reactance controller. 2,374,883; May 1.

Naumann, Leonard G., Maplewood, assignor to Wagner Electric Corporation, St. Louis, Mo. Fluid motor for dual brakes. 2,367,734; Jan. 23.

Navias, Louis, Schenectady, N. Y., assignor to General Electric Company. Mold and fabrication method. 2,383,812; Aug. 28.

Navikas, Victor A., assignor to Armstrong Cork Company, Lancaster, Pa. Zein molding compositins and molding. 2,385,721; Sept. 25.

Navikas, Victor A., assignor to Armstrong Cork Company, Lancaster, Pa. Forming molded articles. 2,385,722; Sept. 25.

Navy, United States of America, as represented by the Secretary of: *See*—
Bundy, Francis P., assignor.
Coombs, Robert E., assignor.
Seifried, Eugen, assignor.

Nawiasky, Paul, Summit, N. J., and R. J. Speer, Lufkin, Tex., assignors to General Aniline & Film Corporation, New York, N. Y. Producing cyanine dyes. 2,378,783; June 19.

Naysmith, Shirley R., assignor to The Miller Company, Meriden, Conn. Ceiling. 2,376,715; May 22.

Naysmith, Shirley R., assignor to The Miller Company, Meriden, Conn. Fluorescent lighting fixture. 2,390,807; Dec. 11.

Nazar, Nicholas: *See*—
Sperry, A. B., Nazar, and Erwin

Nazzewski, Mathew, Adams, assignor to Sprague Electric Company, North Adams, Mass. Glass-to-metal seal. 2,386,628; Oct. 9.

Neal, Arthur M., and J. R. Vincent, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preserving rubber. 2,370,987; Mar. 6.

Neal, Arthur M., and J. R. Vincent, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preserving rubber. 2,388,562; Nov. 6.

Neal, Ernest C., assignor of one-half to E. Brandell, Chicago, Ill. Lever construction. 2,385,835; Oct. 2.

Neal, Frank, Little Valley, N. Y. Trailer. 2,370,988; Mar. 6.

Neale, Albert E. T.: *See*—
Blanco, J. R., Neale, and Twiss.

Neale, Frank T., Warren, assignor to Republic Steel Corporation, Cleveland, Ohio. Shear. 2,389,531; Nov. 20.

Neatform Co. Inc., The: *See*—
Goodman, M., and Lance, assignors.

Nebel, Max, Chemnitz, Germany; vested in the Alien Property Custodian. Knit fabric and making the same. 2,371,649; July 3.

Nebel, Max, Chemnits, Germany; vested in the Alien Property Custodian. Production of loop-plush fabric. 2,379,852; July 3.

Nebel, Walter, Parlin, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Ketone-urea-formaldehyde condensation products. 2,389,682; Nov. 27.

Nebesar, Robert J., assignor to Universal Moulded Products Corporation, Bristol, Va. Molding, shaping, and uniting apparatus. 2,370,322; Feb. 27.

Neboisbe, Ross, Seacliff, N. Y. Apparatus for underground water storage. 2,375,865; May 15.

Neboisbe, Ross, Seacliff, N. Y. Method of and apparatus for installing lateral wells in fluid-saturable earth. 2,383,496; Aug. 28.

Nedzvedsky, Vladimir A.: *See*—
Taylor, H. F., and Nedzvedsky.

Needham, Edward F., Alhambra, Calif. Swivelly mounted ladder stabilizer. 2,371,460; Mar. 13.

Needham, Howard H., Wauwatosa, assignor to A. O. Smith Corporation, Milwaukee, Wis. Compressed gas cylinder. 2,374,771; May 1.

Neef, Frederick E., Jr., Detroit, Mich. Removing dye and tetraethyl lead from gasoline. 2,368,261; Jan. 30.

Neely, Benjamin, College Park, Ga. Window sash structure. 2,369,402; Feb. 13.

Neely, Charles A., assignor of forty per cent to H. J. Sweeney, Seattle, Wash.; S. L. Langley, administratrix of said C. A. Neely, deceased. Liquid lift. 2,390,265; Dec. 4.

Neely, George L., and F. W. Kavanagh, Berkeley, Calif., assignors to Standard Oil Company of California, San Francisco, Calif. Compounded oil. 2,367,470; Jan. 16.

Neely, Raymond J.: *See*—
Dalzell, C. B., and Neely.

Neely, William H., assignor, by mesne assignments, to The Universal Wire Spring Company, Cleveland, Ohio. Tubular frame construction. 2,371,407; Mar. 13.

Neely, William H., Cleveland, and S. G. Blumensaadt, East Cleveland, assignors, by mesne assignments, to The Universal Wire Spring Company, Cleveland, Ohio. Wire spring structure for seat and back constructions. 2,373,775; Apr. 17.

Neely, William H., assignor, by mesne assignments, to The Universal Wire Spring Company, Cleveland, Ohio. Spring and spring constructions for cushioned seats 2,384,191; Sept. 4.

Neer, Harry L., Beech Grove, C. H. Wasson, Indianapolis, Ind., and R. L. Neer, Jacksonville, Fla., assignors to Nik-O-Lok Company, Indianapolis, Ind. Coin-controlled mechanism. 2,370,370; Feb. 27.

Neer, Harry L., Beech Grove, and C. H. Wasson, Indianapolis, Ind., and R. L. Neer, Jacksonville, Fla., assignors to Nik-O-Lok Company, Indianapolis, Ind. Latch-controlling mechanism. 2,372,844; Apr. 3.

Neer, Harry L., Beech Grove, C. H. Wasson, Indianapolis, Ind., and R. L. Neer, Jacksonville, Fla., assignors to Nik-O-Lok Company, Indianapolis, Ind. Coin controlled mechanism. 2,386,974; Oct. 16.

Neer, Raymond L.: *See*—
Neer, H. L., Wasson, and Neer.

Nees, Atheus R., and A. N. Bennett, assignors to The Great Western Sugar Company, Denver, Colo. Recovery of nitrogenous products from organic wastes. 2,375,165; May 1.

Nees, Gordon S., Fort Worth, and R. B. Perkins, Jr., Houston, Tex., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Desalting mineral oil. 2,380,458; July 31.

Nees, Hugo, Frankfort-on-Main, Germany; vested in the Alien Property Custodian. Preparing sodium perborate of low bulk density. 2,380,779; July 31.

Neeson, Charles R., Dayton, Ohio, assignor to Chrysler Corporation, Detroit, Mich. Varinble capacity compressor. 2,369,841; Feb. 20.

Neff, Wallace, Los Angeles, Calif. Method and apparatus for constructing shell-form structures. 2,388,701; Nov. 13.

Negbaur, Harry, New York, N. Y. Cigarette lighter. Re. 22,679; Oct. 9.

Negbaur, Harry, New York, and J. G. Lippincott, Scarsdale, assignors of one-half to said H. Negbaur and one-half to L. Stern, New York, N. Y. Dispenser for cigarettes and the like. 2,370,747; Mar. 6.

Negretti, Henry N., et al.: *See*—
Ibbott, Harold W., assignor.

Negretti, Paul E., et al.: *See*—
Ibbot, Harold W., assignor.

Negretti & Zambra: *See*—
Ibbott, Harold W., assignor.

Neher, Harry T., Bristol, and W. R. Conn, Melrose Park, assignors to Röhm & Haas Company, Philadelphia, Pa. Thixotropic acrylate emulsions. 2,372,106; Mar. 20.

Neher, Harry T., and S. C. Kelton, Jr., Bristol, assignors to Röhm & Haas Company, Philadelphia, Pa. Preparation of acrylic esters. 2,390,028; Nov. 27.

Nehf, Sol, Chicago, Ill. Garment construction. 2,390,456; Dec. 4.

Neidich, Samuel A., Ventnor City, N. J., assignor to Underwood Corporation. Multiplying machine. 2,374,374; Apr. 24.

Neidig, William J., Napoleon, Ohio. Shaving mechanism. 2,367,686; Jan. 23.

Neil, Jean R.: *See*—
Conner, S. W., Neil, and Nemoede.

Neilson, Albert H., Tulsa, Okla. Insert for sucker rod elevators. 2,384,331; Sept. 4.

Neilson, Clarence A.: *See*—
Lincoln, B. H., and Neilson.

Neilson, Mary D., Minneapolis, Minn. Garment of the slacks type. 2,387,405; Oct. 23.

Neilson, William E., Jr., and C. C. Tinkey, Yosemite National Park, Calif. Box opener and dispenser. 2,386,877; Oct. 16.

Nelman, Harry, Chicago, Ill. Picture mount. 2,388,431; Nov. 6.

Nelsingh, Walter J., Hanford, Calif. Filter. 2,383,672; Aug. 28.

Nelswinter, James T., South Orange, N. J., assignor to American Telephone and Telegraph Company. Signaling apparatus. 2,367,042; Jan. 9.

Neltzel, Charles J., assignor of one-third to J. J. Bhend, Watertown, Wis. Bingo counter selector and exhibiting machine. 2,379,030; June 26.

Neja, Ambrose, Anaheim, Calif. Box stacker. 2,376,176; May 15.

Nello Resin Processing Corporation: *See*—
Bain, Joseph P., assignor.

Nello Resin Processing Corporation et al.: *See*—
Gillican, Charles C., assignor.

Nelles, Russell E., Millburn, N. J., assignor to The Union Manufacturing Company, New Britain, Conn. Chain hoist. 2,374,450; Apr. 24.

Nelly, Henry M., Jr.: *See*—
Belchetz, A., and Nelly.
Degnen, W. J., Nelly, and Keith.

Nelms, George C., Pittsburgh, E. J. Coggeshall, Turtle Creek, E. A. Berry, McDonald, Pa., and W. K. Wilbur, Bluefield, W. Va., assignors to Portable Products Corporation. Battery charging rack. 2,375,866; May 15.

Nelsen, George M., Seattle, Wash. Ophthalmic device. 2,388,493; Nov. 6.

Nelsen, Marvin G.: *See*—
Jensen, H. G., and Nelsen.

Nelsen, Marvin G., Skokie, assignor to Guardian Electric Manufacturing Co., Chicago, Ill. Solenoid contactor. 2,381,075; Aug. 7.

Nelson, Arvid M.: *See*—
Williams, H. W., Mount, and Nelson.

Nelson, A. P.: *See*—
Prince, John, assignor.

Nelson, Arthur J., San Francisco, Calif. Double case pump. 2,374,122; Apr. 17.

Nelson, Arthur L., Fort Wayne, Ind., assignor to Farnsworth Television and Radio Corporation. Modulating system for frequency multipliers. 2,390,366; July 10.

Nelson, Arthur R., Bay City, Mich. Coupling trailers and bogies to prime movers. 2,385,099; Sept. 18.

Nelson, Averd, and H. H. Niemann, assignors to Prentiss Wabers Products Co., Wisconsin Rapids, Wis. Stove construction. 2,373,492; Apr. 10.

Nelson, Bernard C., Needham, Mass. Machine for treating skins and the like. 2,376,500; May 22.

Nelson, Charles E.: *See*—
Kirk, R. C., Nelson, and McConica.

Nelson, Charles E., and G. E. Holdeman, assignors to The Dow Chemical Company, Midland, Mich. Improving magnesium-base alloys. 2,390,863; July 31.

Nelson, Christian A., Bellevue, Wash. Cutoff valve. 2,375,810; May 15.

Nelson, Clarence D., Mullan, assignor of one-half to E. Hanson, Wallace, Idaho. Drill aligning adapter attachment for liners and other rock drills. 2,389,532; Nov. 20.

Nelson, Clarence E., Houston, Tex., assignor of one-third to E. W. Pearce and one-third to P. Clark, Harris County, Tex. Valve. 2,372,629; Mar. 27.

Nelson, Clarence N.: *See*—
Jones, L. A., Nelson, and Clark.

Nelson, Dale H., Water Mill, and W. D. Buckingham, Southampton, assignors to The Western Union Telegraph Company, New York, N. Y. Signal interrupter. 2,375,811; May 15.

Nelson, Edwin F., assignor to Universal Oil Products Company, Chicago, Ill. Fractionation. 2,386,931; Nov. 13.

Nelson, Edwin M., Hayward, Wis. Flexible wheel. 2,378,154; June 12.

Nelson, Eric H., Forest Hills, N. Y., and C. Stansbury, Chevy Chase, Md., assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Machine tool controller. 2,376,552; May 22.

Nelson, Eugene R.: *See*—
Simpkins, Isaac W.

Nelson, Fred, Lynwood, Calif. System for plugging pipe leaks. 2,377,643; June 5.

Nelson, George N., Martinez, Calif. Soap dish. 2,366,421; Jan. 2.

Nelson, George W., Pietermaritzburg, Natal, Union of South Africa. Vessel for providing shower baths. 2,367,599; Jan. 16.

Nelson, Harry B., assignor to Prime Mfg. Co., Milwaukee, Wis. Connnecting companion pieces of luggage. 2,372,845; Apr. 3.

Nelson, James H.: *See*—
Bluemink, G. G., and Nelson.

Nelson, James H., and H. Servis, assignors to The Dumore Company, Racine, Wis. Electric brake mechanism. 2,385,459; Sept. 25.

Nelson, John N.: *See*—
Olsen, B. A., Combs, and Nelson.

Nelson, Joseph F.: *See*—
Thomas, R. M., and Nelson.

Nelson, Joseph F., Elizabeth, and L. A. Mikeska, Westfield, N. J., assignors to Standard Oil Development Company. Compounded hydrocarbon oil. 2,391,184; Dec. 18.

Nelson, Lee, Texas City, Tex. Plate tong. 2,384,636; Sept. 11.

Nelson, Martin L., Park Ridge, assignor to Production Instrument Company, Chicago, Ill. Counting device. 2,366,422; Jan. 2.

Nelson, Mildred P., et al.: *See*—
Polsen, S. D., and Nelson, assignors.

Nelson, Millard A.: *See*—
Rathbun, J. P., and Nelson.

Nelson, Nels H., Minneapolis, Minn. Traction wheel. 2,382,090; Aug. 14.

Nelson, Nels O., Sacramento, Calif. Hospital bed. 2,373,590; Apr. 10.

Nelson, Noble A., Chicago, Ill., assignor of one-fifth to H. Freevol, one-fifth to S. Smedberg, one-fifth to H. Brandon, and one-fifth to C. E. Anderson. Fishing reel. 2,380,670; July 31.

Nelson, Noble A., Chicago, Ill., assignor of one-fifth to H. Freevol, one-fifth to S. Smedberg, one-fifth to H. Brandon, and one-fifth to C. E. Anderson. Fishing reel. 2,380,671; July 31.

Nelson, Oscar G.: *See*—
Martin, S. M., and Nelson.

Nelson, Ralph M., River Forest, assignor to Sloan Valve Company, Chicago, Ill. Vacuum breaker. 2,388,432; Nov. 6.

Nelson, Ralph M., River Forest, and J. I. Bellamy, Brookfield, assignors to Sloan Valve Company, Chicago, Ill. Electrically operated flush valve. 2,385,990; Nov. 13.

Nelson, Richard N., Black River Falls, Wis. Cartridge power feed mechanism. 2,379,451; July 3.

Nelson, Richard N., Black River Falls, Wis. Explosive bullet. 2,390,552; Dec. 11.

Nelson, Rolland D., South Milwaukee, assignor to Line Material Company, Milwaukee, Wis. Circuit protective device. 2,374,560; Apr. 24.

Nelson, Rolland D., assignor to Line Material Company, South Milwaukee, Wis. Electromagnetic device. 2,376,613; May 22.

Nelson, Roy: *See*—
Harker, G. A., Gustafsson, Allen, and Nelson.

Nelson, Rudolph S., Larchmont, N. Y., assignor to The Hoover Company, North Canton, Ohio. Refrigeration. 2,368,374; Jan. 30.

Nelson, Seddon C., Front Royal, Va., assignor to American Viscose Corporation, Wilmington, Del. Tow guide. 2,377,173; May 29.

Nelson, Sven H.: *See*—
Polsen, S. D., and Nelson.

Nelson, Ted, San Leandro, Calif. Chuck. 2,378,720; June 19.

Nelson, Theodore W., Woodbury, H. D. Noll, Wenonah, and T. P. Simpson, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Solvent naphtha preparation. 2,376,501; May 22.

Nelson, Verner A., Minneapolis, Minn. Seal for bags. 2,385,023; Sept. 18.

Nelson, Victor B., Rockford, Ill. Safety razor. 2,369,685; Feb. 20.

Nelson, Virginia P., New York, N. Y. Canopy support. 2,367,043; Jan. 9.

Nelson, Walter F.: *See*—
Kramer, C. F., and Nelson.

Nelson, Walter H., Cadillac, Mich., assignor to Farnsworth Television and Radio Corporation. Amplifier system. 2,367,600; Jan. 16.

Nelson, Walter O., Oslo, Minn., assignor of one-half to H. E. Baker, Chicago, Ill. Hoist. 2,387,087; Oct. 16.

Nelsson, Nels: *See*—
Baker, G. W., and Nelsson.

Nemec, Victor L., Lewistown, Mont. Trap. 2,391,640; Dec. 25.

Nemits, Fred H.: *See*—
Lindgren, H. W., and Nemits.

Nemoede, Paul A.: *See*—
Conner, S. W., Neil, and Nemoede.

Nepera Chemical Co., Inc.: *See*—
Tisza, E. T., Duesel, and Oroshnik, assignors.

Neptune Meter Company: *See*—
Hazard, C. S., and Soper, assignors.

Neptune Meters Limited: *See*—
Stroud, William F., assignor.

Neracher, Carl A., and W. T. Dunn, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Synchromesh transmission. 2,369,842; Feb. 20.

Neracher, Carl A., and W. T. Dunn, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Synchromesh transmission. 2,369,843; Feb. 20.

Neracher, Carl A., W. T. Dunn, T. Iavelli, and A. J. Syrovy, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Power transmission. 2,383,149; Aug. 21.

Neracher, Otto: *See*—
Martin, H., Hirt and Neracher.

Nereaux, Joseph R., Cincinnati, Ohio, assignor to Wright Aeronautical Corporation. Simplified drive for cutting tools. 2,379,984; July 10.

Nerney, George E., assignor to Bay State Optical Company, Attleboro, Mass. Eyeglass construction. 2,371,910; Mar. 20.

Nesbitt, Andrew B., and S. Webb, Pittsburgh, Pa., assignors to National Tube Company. Cutting-off tool. 2,382,020; Aug. 14.

Nesbitt, Ethan A., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Magnetic materials. 2,382,649; Aug. 14.

Nesbitt, Ethan A., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Magnetic materials. 2,382,650; Aug. 14.

Nesbitt, Ethan A., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Magnetic materials. 2,382,651; Aug. 14.

Nesbitt, Ethan A., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Magnetic materials. 2,382,652; Aug. 14.

Nesbitt, Ethan A., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Magnetic materials. 2,382,653; Aug. 14.

Nesbitt, Ethan A., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Magnetic materials. 2,382,654; Aug. 14.

Nesfield, Albert C., Ealing, London, England. Internal-combustion engine. 2,369,245; Feb. 13.

Nesset, Maurice M., assignor to Baxter Laboratories, Inc., Glenview, Ill. Treatment of blood. 2,390,727; Dec. 11.

Nestle's Milk Products, Inc.: *See*—
Griffin, Harry L., assignor.

Nettel, Frederick, Manhasset, and J. Kreitner, New York, N. Y. Water distillation. 2,372,846; Apr. 3.

Nettel, Frederick, Manhasset, and J. Kreitner, New York, N. Y. Elastic fluid power plant. 2,379,452; July 3

Nettel, Frederick, Manhasset, and J. Kreitner, Brooklyn N. Y.; said Kreitner assignor to said Nettel. Combustion turboengine drive. 2,380,989; Aug. 7.

Netzhammer, Harry F.: *See*—
Corbin, F. A., and Netzhammer.

Neubauer, Jacob, Manchester, Conn. Loom stop motion. 2,369,844; Feb. 20.

Neufeld, Jacob: *See*—
Scherbatskoy, S. A., Fearon, Neufeld, and Swift.

Neufeld, Jacob, Tulsa 5, Okla. Navigational method and apparatus. 2,390,383; Dec. 4.

Neugass, Edwin A., Port Chester, N. Y. Tweezer implement and the like. 2,376,448; May 22.

Neugebauer, Franz, Munich-Aliach, and L. Wagenseil, Munich-Obermenzing, Germany; vested in the Alien Property Custodian. Free piston motor compressor. 2,387,603; Oct. 23.

Neugebauer, Gustav: *See*—
Schneider, W., Frohlich, and Neugebauer.

Neuhart, Andrew, West View, assignor to Miller Printing Machinery Co., Pittsburgh, Pa. Sheet handling apparatus. 2,369,686; Feb. 20.

Neuhaus, Max: *See*—
Teichmann, C. F., Goldsby, Kessler, and Neuhaus.

Neuland, Alfons H., Irvington, N. J. Fluid engine. 2,371,974; Mar. 20.

Neumair, Joseph A.: *See*—
Johnson, C. W., and Neumair.

Neumair, Joseph A., Hollis, N. Y., assignor to American Machine & Foundry Company. Lining guide cam for necktie sewing machines. 2,372,224; Mar. 27.

Neumair, Joseph A., Hollis, and C. W. Johnson, Brooklyn, N. Y., assignors to American Machine & Foundry Company. Tie sewing machine. 2,387,282; Oct. 23.

Neuman, Jacob, St. Louis, Mo. Buttonhole construction. 2,389,272; Nov. 20.

Neumann, Arthur E.: *See*—
Wilsey, I. H., and Neumann.

Neumann, Henry T., New York, N. Y. Making engraved plates. 2,371,773; Mar. 20.

Neureuther, George C.: *See*—
Rodgers, C. H., and Neureuther.

Neuschotz, Robert, Los Angeles, Calif. Remote cable control. 2,389,737; Nov. 27.

Nevada Engine Corporation: *See*—
Pudge, Frederick A., assignor.

Nevill, Gale E., San Antonio, Tex., assignor to J. V. Robinson, Montebello, Calif. Surveying wells. 2,369,403; Feb. 13.

Nevin, James G., Toronto, Ontario, Canada. Shoeshine fixture. 2,383,150; Aug. 21.
Newitt, Fred M., Newton, Kans. Spring tensioned clamp for mail pouches. 2,368,941; Feb. 6.
New, Randal G. A.: *See*—
Burgoine, E., Collie, and New.
Newark Stove Company: *See*—
Bradbury, W. T., Chesser, and Lieber, assignors.
Walton, A. K., and Chesser, assignors.
Newbery, George, Hutton Mount, England, assignor, by mesne assignments, to Merck & Co. Inc., Rahway, N. J. Sulpha-thiazoles. 2,385,224; Sept. 18.
New Britain Machine Company, The: *See*—
Gocht, Rudolph C., assignor.
Montgomery, Donald H., assignor.
Montgomery, D. H., and Jobert, assignors.
Rockwell, Edward A., assignor.
New Britain Spring Company, The: *See*—
Dorau, Conrad O., assignor.
Newburger, Samuel: *See*—
Bowers, Oscar L., and Newburger.
Newby, Neal D.: *See*—
Murphy, O. J., and Newby.
Newby, Neal D., Leonia, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,367,518; Jan. 16.
Newby, Neal D., Leonia, and H. E. Vaughan, Valley Stream, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,374,884; May 1.
Newcomb, Avon L., Birmingham, assignor to Newcomb-Detroit Company, Detroit, Mich. Apparatus for washing air, gases, or vapors. 2,380,065; July 10.
Newcomb-Detroit Company: *See*—
Newcomb, Avon L., assignor.
Newcomb, William, Brooklyn, N. Y. Burner and support therefor. 2,382,900; Aug. 14.
Newcombe, Frank A.: *See*—
Whitmore, J. B., Makenny, and Newcombe.
Newell, Arthur T., Huntington, assignor to Kenyon Instrument Co., Inc., Huntington Station, Long Island, N. Y. High-pressure valve. 2,371,585; Mar. 13.
Newell, Felix R., Detroit, Mich. Machinist's gauge and miter measuring device. 2,382,250; Aug. 14.
Newell, Foster S., Milwaukee, Wis. Marine carriage. 2,371,461; Mar. 13.
Newell, Frank M., Lowell, Mich. Latch. 2,368,487; Jan. 30.
Newell, Frederick T., Bradford, Pa., assignor to Dresser Industries, Inc. Hinged self-sealing coupling. 2,377,510; June 5.
Newell, George K., near Pitcairn, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Air compressor. 2,372,335; Mar. 27.
Newell, George K., near Pitcairn, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Wheel-slip detecting device. 2,381,225; Aug. 7.
Newell, George K., near Pitcairn, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Pipe coupling. 2,385,156; Sept. 18.
Newell, Heber L., Bridgeport, Conn., assignor to General Electric Company. Toaster. 2,367,044; Jan. 9.
Newell, Heber L., Bridgeport, Conn., assignor to General Electric Company. Electrical connection means. 2,386,056; Oct. 2.
Newell, Robert E., Irwin, Pa. Thermal element. 2,385,155; Sept. 18.
Newell, William H., New York, assignor to Ford Instrument Company, Inc., Long Island City, N. Y. Controlling gyroscopes. 2,383,409; Aug. 21.
New England Box Company, The: *See*—
Tufts, Nathan, assignor.
New England Butt Company: *See*—
Sleicher, Charles A., assignor.
New England Carbide Tool Company: *See*—
Brown, Charles F., assignor.
New England Foundation Company, Inc.: *See*—
Titcomb, A. C., and Cronan, assignors.
New Era Manufacturing Company: *See*—
Paulsen, Christian, assignor.
Newey, Edward V., et al.: *See*—
Kenworthy, John M., assignor.
Newhall, Carl A., Peabody, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Thread waxing device. 2,379,985; July 10.
Newham, Leonard, Flushing, assignor of one-half to H. W. Roelofsen, New York, N. Y. Construction of ships. 2,374,229; Apr. 24.
Newhardt, Joseph B., Berwyn, assignor of one-half to C. H. Angell, Danville, Ill. Buoyant article. 2,391,475; Dec. 25.
Newhouse, Ray C., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Clinker cooling. 2,375,487; May 8.
Newhouse, Walter F., Benton Harbor, Mich. Box construction. 2,391,032; Dec. 18.
New Jersey Machine Corporation: *See*—
Von Hofe, George W., assignor.
von Hofe, G. W., and Lakso, assignors.
New Jersey Optical Company: *See*—
Cook, Roland T., assignor.
New Jersey Shipbuilding Corporation: *See*—
Harris, Frederic R., assignor.
New Jersey Zinc Company, The: *See*—
Lentz, C. J., and Mahler, assignors.
Narsh, John S., assignor.
Patterson, Raymond L., assignor.
Truesdale, Edward C., assignor.
Wagner, I. D., Fetterolf, Waring, and Mahler, assignors.
Newkirk, Daniel L., Inkster, and E. E. Ensign, Ypsilanti, assignors to Ford Motor Company, Dearborn, Mich. Condensation device for retorts. 2,383,209; Aug. 21.
Newkirk, Daniel L., Inkster, and E. E. Ensign, Ypsilanti, assignors to Ford Motor Company, Dearborn, Mich. Retort construction. 2,391,439; Dec. 25.
Newkirk, John R., Rahway, N. J., assignor to National Pneumatic Company, New York, N. Y. Door operator. 2,368,722; Feb. 6.
Newman, Albert J.: *See*—
Woppman, J. G., Hummel, and Newman.
Newman, Delbert F., Schenectady, N. Y., assignor to General Electric Company. Refrigerator. 2,390,808; Dec. 11.
Newman, I., & Sons, Inc.: *See*—
Stuart, Henry J., assignor.
Newman, John E., Cirencester, assignor of two-thirds to D. S. Kennedy, Andover, Hampshire, England. Grass drying apparatus. 2,381,076; Aug. 7.
Newman, John M.: *See*—
Harwood, P. B., and Newman.
Lassen, E. U., and Newman.
Newman, L. B.: *See*—
Morgan, Charles A., assignor.
Newman, Max M., Bronx, N. Y., assignor to American Machine & Foundry Company. Mechanism for making necktles. 2,374,033; Apr. 17.
Newman, Morris, assignor to Regents of the University of Minnesota, Minneapolis, Minn. Distribution system regulator. 2,372,600; Mar. 27.
Newman, Robert J., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Alkylation of isoparaffins. 2,375,867; May 15.
Newman, Robert J., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Alkylation of branched chain paraffin hydrocarbons. 2,382,899; Aug. 14.
Newman, Ruth R., et al.: *See*—
Hirshstein, Joseph, assignor.
Newman, William E., Moorestown, N. J., assignor to Radio Corporation of America. Remote control system for radio receivers. 2,383,338; Aug. 21.
Newmark, David, assignor of one-half to W. Kramer, New York, N. Y. Moulded balsa article. 2,381,134; Aug. 7.
Newmarket Manufacturing Company: *See*—
Gallant, Walter B., Jr., assignor.
Newport Industries, Inc.: *See*—
Bibb, Carlisle H., assignor.
Bibb, C. H., and Palmer, assignors.
Dempsey, James M., assignor.
Newport News Forms Co., Inc.: *See*—
Davis, Benjamin S., assignor.
New Process Screw Corporation: *See*—
De Vellier, William A., assignor.
New Products Corporation: *See*—
Banker, Oscar H., assignor.
Newsam, Harold, Sheffield, assignor to Metropolitan-Vickers Electrical Company Limited, London, W. C. 2., England. Power system including a rotary transformer. 2,372,511; Mar. 27.
Newsome, James W., Belleville, Ill., and R. B. Derr, Oakmont, assignors to Aluminum Company of America, Pittsburgh, Pa. Treatment of adsorbent alumina. 2,378,155; June 12.
Newsome, John H., Rahway, and A. Davis, Union, N. J., assignors to Elastic Stop Nut Corporation. Apparatus for bending channels or the like. 2,382,901; Aug. 14.
Newstedt, Harry N., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,375,678; May 8.
Newton, Alwin B., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Refrigeration control system. 2,367,304; Jan. 16.
Newton, Alwin B., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Refrigerating system. 2,367,305; Jan. 16.
Newton, Alwin B., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control for refrigerating apparatus. 2,367,306; Jan. 16.
Newton, Alwin B., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Automatic control system. 2,387,604; Oct. 23.
Newton, Alwin B., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Overload protection for refrigeration systems. 2,389,073; Nov. 13.
Newton Brothers (Derby) Limited: *See*—
Newton, Frederick, assignor.
Newton, Charles E., Marlboro, Mass., assignor to B. W. Freeman, Cincinnati, Ohio. Ornamenting machine. 2,390,728; Dec. 11.
Newton, Frederick, assignor to Newton Brothers (Derby) Limited, Derby, England. Electric regulator. 2,375,320; May 8.
Newton, John S., Drexel Hill, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Turbine apparatus. 2,389,074; Nov. 13.

Newton, John S., Drexel Hill, and E. E. Arnold, Pittsburgh, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Reduction gearing for turbine-driven locomotives. 2,371,255; Mar. 13.
Newton, Lowell R.: *See*—
Walter, C. T., and Newton.
Newton, Lowell R., assignor to Industrial Patents Corporation, Chicago, Ill. Machine for wrapping butter. 2,376,076; May 15.
Newton, Lowell R., assignor to Industrial Patents Corporation, Chicago, Ill. Shaking and conveying machine. 2,380,910; July 31.
Newton, Lowell R., H. E. Haase, and C. T. Walter, assignors to Industrial Patents Corporation, Chicago, Ill. Sewing machine. 2,389,112; Nov. 13.
Newton, Ray F.: *See*—
Curle, C. W. and T. C., and Newton.
Newton, Ray F.: *See*—
Curle, Charles W. and T. C., and Newton.
Newton, Roger H., Bowling Green, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Catalytic hydrocarbon conversion process. 2,371,181; Mar. 13.
New Wrinkle, Inc.: *See*—
Drummond, Folsom E., assignor.
Drummond, F. E., and Waldie, assignors.
Lucces, Enrique L., assignor.
Waldie, William A., assignor.
New York Air Brake Company, The: *See*—
Baldwin, Wayne A., assignor.
Huber, Matthew W., assignor.
Safford, Lewis A., assignor.
Vroman, Erwin C., assignor.
New York Engineering Company: *See*—
Lowy, Arthur, assignor.
New York Sugar Trade Laboratory, Inc., The: *See*—
Sattler, Louis, assignor.
Niagara Blower Company: *See*—
Gilliam, Oliver F., assignor.
Jones, Russell S., Jr., assignor.
Schoepflin, P. H., Deverall, and Stutz, assignors.
Williams, Allan E., assignor.
Nichol, Arthur V.: *See*—
Burton, E. O., and Nichol.
Nicholas, Andrew J., Springfield, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Bomb nose fuse. 2,389,383; Nov. 20.
Nicholas, James H., assignor to G & W Electric Specialty Company, Chicago, Ill. Insulated electrical conductor terminal structure. 2,373,843; Apr. 17.
Nicholas, James S., Akron, Ohio. Amusement device. 2,378,722; June 19.
Nicholas, John, Middle Village, assignor, by mesne assignments, to John Reiner & Company, Long Island City, N. Y. Cooling system and thermostatically controlled by-pass valve. 2,377,028; May 29.
Nicholas, Paul E., St. Joseph, Mo. Detachable wardrobe fitting for hand luggage. 2,384,332; Sept. 4.
Nicholas, William, Chicago, Ill. Incendiary missile. 2,374,230; Apr. 24.
Nichols, Edward S., Woodbury, H. D. Noll, Wenonah, and J. W. Payne, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Regenerating spent adsorbents. 2,387,936; Oct. 30.
Nichols, Arthur S., Oak Park, assignor to The Illinois Clay Products Company, Joliet, Ill. Preparation of dry sand molds. 2,367,648; Jan. 16.
Nichols, Charles A., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Electric welder. 2,370,485; Feb. 27.
Nichols, Charles F.: *See*—
Merriman, W. E., and Nichols.
Nichols, Charles W., Jr., New York, N. Y. Furnace. 2,376,177; May 15.
Nichols, Edgar B., Moorestown, N. J. Ornamented article and making the same. 2,374,034; Apr. 17.
Nichols, Edward A., Gainesville, Tex. Developing tank for roll films. 2,367,424; Jan. 16.
Nichols, Edward C., Upton, assignor to Draper Corporation, Hopedale, Mass. Center fork stop motion. 2,378,240; June 12.
Nichols, Edward C., Upton, assignor to Draper Corporation, Hopedale, Mass. Picker stick guide. 2,379,589; July 3.
Nichols, Edward C., Upton, assignor to Draper Corporation, Hopedale, Mass. Automatic threading shuttle. 2,379,650; July 3.
Nichols, Floyd A., San Rafael, Calif., assignor of fifty per cent to T. A. S. Berger. Double-action pump. 2,369,365; Feb. 13.
Nichols, Floyd A., San Rafael, Calif., assignor of fifty per cent to T. A. S. Berger. Double-action pump. 2,371,704; Mar. 20.
Nichols, Fred A., Detroit, Mich. Balancing device. 2,377,096; May 29.
Nichols, Harry J., assignor to International Business Machines Corporation, New York, N. Y. Code translating recorder. 2,370,989; Mar. 6.
Nichols, Harry J., Binghamton, N. Y. Bombing apparatus for aircraft. 2,374,885; May 1.
Nichols, Harry T., Bridgeport, Conn. Heel cover to protect bowling alley. 2,378,721; June 19.
Nichols, Warren O., assignor to Allied Plastics Company, Los Angeles, Calif. Auxiliary scrap feed for plastic molding machines. 2,382,655; Aug. 14.
Nichols, William M., Auburn, assignor to American Locomotive Company, New York, N. Y. Liquid fuel injection apparatus. 2,374,614; Apr. 24.
Nichols, William T., near St. Albans, W. Va., assignor to Westvaco Chlorine Products Corporation, New York, N. Y. Decolorizing aqueous solution of alkali metal hydroxides. 2,366,546; Jan. 2.
Nichols, William T., St. Alban, W. Va., assignor to Westvaco Chlorine Products Corporation, New York, N. Y. Producing unsaturated chlorinated hydrocarbons. 2,369,485; Feb. 13.
Nicholson, Edward W. S., Baton Rouge, La., assignor to Standard Oil Development Company. Treating hydrocarbon fluids. 2,391,334; Dec. 18.
Nicholson, Francis, Chard, England. Traffic markings for road surfaces. 2,371,462; Mar. 13.
Nicholson, Frank H., Penn Township, Allegheny County, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,380,864; July 31.
Nicholson, Mary S., executrix: *See*—
Nicholson, William M.
Nicholson, William M., deceased, Ashland, Ky., by M. S. Nicholson, executrix, assignor to G. Le Roy, Charleston, W. Va. High pressure test plug. 2,374,947; May 1.
Nichthauser, Charles A., New York, N. Y. Nested furniture leg support. 2,366,867; Jan. 9.
Nickell, Hershell A., Schenectady, N. Y., assignor to General Electric Company. Electric switch. 2,374,615; Apr. 24.
Nickelson, Fred, Topeka, Kans. Nursing bottle holder. 2,391,264; Dec. 18.
Nickerson, John L., New York, N. Y., assignor to United States of America, as represented by the Secretary of War. Apparatus for determining blood volume. 2,386,878; Oct. 16.
Nickerson, Ralph F., Pittsburgh, Pa., assignor, by mesne assignments, to National Cotton Council of America, Memphis, Tenn. Cord and making same. 2,372,601; Mar. 27.
Nickla, Louis E.: *See*—
Baker, D. B., Holub, and Nickla.
Nickla, Louis E., Cicero, and A. R. Crawford, Riverside, Ill., assignors to International Harvester Company. Cotton conveyer blower. 2,389,533; Nov. 20.
Nickum, William F.: *See*—
Gardner, E. W., and Nickum.
Nicol, Walter D., Austin, Minn. Hair drier and dehydrator. 2,367,601; Jan. 16.
Nicolai, Hans-Joachim: *See*—
Möller, P., and Nicolai.
Nicolello, Louis L. D., Garwood, N. J. Foul marker for use by football officials. 2,385,878; Oct. 2.
Nicolle, Arthur V., assignor to The Automotive Engineering Company Limited, Twickenham, England. Piston. 2,373,493; Apr. 10.
Nicolson, Alexander M., New York, N. Y. Echo sounding apparatus. 2,378,939; June 26.
Nicolson, Alexander M., New York, N. Y., assignor to Communication Patents, Inc. Coarse and fine frequency synchronizing system. 2,369,153; Feb. 13.
Nicoud Mfg. Co.: *See*—
Fisher, Hardin Y., assignor.
Niederer, Herbert O. and O. C., Titusville, N. J. Sorting device. 2,374,948; May 1.
Niederer, Herbert O. and O. C., Titusville, N. J. Device for arranging articles on conveying means. 2,383,270; Aug. 21.
Niederer, Otto C.: *See*—
Niederer, Herbert O. and O. C.
Niederhauser, Robert J.: *See*—
Spiller, W. R., and Niederhauser.
Niederhauser, Warren, and H. A. Bruson, assignors to The Resinous Products & Chemical Company, Philadelphia, Pa. γ-trichlorobutyronitrile and its preparation. 2,379,097; June 26.
Niederl, Joseph B., Brooklyn, N. Y. Alkylated phenolic glycolic acids. 2,370,256; Feb. 27.
Niederl, Joseph B., Brooklyn, N. Y. Alkylidene bis-salicylic acids and preparing same. 2,374,949; May 1.
Niederl, Joseph B. and V., and M. McGreal, Brooklyn, N. Y. Asymmetric quaternary ester-salts of morpholine. 2,380,325; July 10.
Niederl, Victor: *See*—
Niederl, J. B. and V., and McGreal.
Niekamp, Richard A., assignor to The Master Electric Company, Dayton, Ohio. Shaft coupling. 2,385,369; Sept. 25.
Nield, Douglas, Dinas Powis, Wales. Locking for screw threaded male parts. 2,371,595; Mar. 13.
Nielsen, Adolph, assignor of one-half to Peter Gaird, Oakland, Calif. Hose nozzle. 2,376,881; May 29.
Nielsen, Andreas C., East Cleveland, Ohio. Combination lathe-tool. 2,369,600; Feb. 13.
Nielsen, Hakon C., Minneapolis, Minn. Cable clamp. 2,385,225; Sept. 18.
Nielsen, Herman: *See*—
Pedersen, P. H., and Nielsen, assignors.
Nielsen, John E., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signal for electric bridge measurements. 2,369,070; Feb. 6.
Nielsen, John P.: *See*—
Maclay, W. D., and Nielsen.

Nielsen, Peter: *See*—
Taylor, E. W., and Nielsen.
Nielsen, Russell A.: *See*—
Penney, G. W., and Nielsen.
Niemack, Paul J., Denver, Colo., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Carrier. 2,377,712; June 5.
Nieman, Dolores E.: *See*—
Nieman, John R., assignor.
Nieman, John R., assignor to D. E. Nieman, Peoria, Ill. Speed computator. 2,385,100; Sept. 18.
Niemand Bros. Inc.: *See*—
Jensen, Paul J., assignor.
Niemann, Harold H: *See* Nelson, A., and Niemann.
Niemi, Matti, Anchorage, Territory of Alaska. Fish pick. 2,391,185; Dec. 18.
Niembach, Milton P., Petaluma, Calif. Feeding apparatus for chicks. 2,383,732; Aug. 28.
Niemeyer, Fritz, assignor to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Gas pressure regulator. 2,380,459; July 31.
Nieter, Temple, Racine, Wis. Refrigerator door structure and latching mechanism. 2,386,495; Oct. 9.
Nightingale, William J., Oak Park, assignor of one-half to G. C. Bruen, Chicago, Ill. Universal multidogging device. 2,367,045; Jan. 9.
Niki, Genkichi, Shibuyaku, Tokyo, Japan; vested in the Alien Property Custodian. Apparatus for manufacturing pile fabric, such as carpet. 2,378,574; June 19.
Nik-O-Lok Company: *See*—
Neer, H. L., Wasson, and Neer, assignors.
Niles-Bement-Pond Company: *See*—
Caldwell, S. H., Jaeger, and Taylor, assignors.
Drake, Alden M., assignor.
Niles, Charles H.: *See*—
Klemm, H. G., and Niles.
Niles, Eliot W.: *See*—
Hose, R. H., and Niles.
Niles, Philip C., Chicago, Ill. Dumping vehicle. 2,367,425; Jan. 16.
Nilson, Arthur N.: *See*—
Westberg, V. L., Nilson, and Westberg, V. C.
Nilson, John L., Chicago, Ill. Golf club. 2,384,333; Sept. 4.
Nilsson Gage Company, Inc.: *See*—
Nilsson, John C. and J. F., assignors.
Nilsson, John C. and J. F., assignors to Nilsson Gage Company, Inc., Poughkeepsie, N. Y. Inside diameter measuring and indicator gauge. 2,385,157; Sept. 18.
Nilsson, John F.: *See*—
Nilsson, John C. and J. F.
Nilsson, Ragnar H., assignor to Svenska Aktiebolaget Bromsregulator, Malmo, Sweden. Vehicle brake. 2,364,257; Sept. 4.
Nilsson, Robert S., London, England. Calculating machine. 2,366,282; Jan. 2.
Nilsson, Robert S., London, England. Transfer mechanism for calculating machines. 2,369,974; Feb. 20.
Nimrick, Harold C., Detroit, Mich. Heel for boots or shoes. 2,378,028; June 12.
Nineteen Hundred Corporation: *See*—
Geldhof, P. E., and Ringer, assignors.
Geldhof, P. E., and Wooster, assignors.
Morgenstern, Charles E., assignor.
Ringer, Luther, assignor.
Nisbet, Robert H.: *See*—
Saul, G. C., Harding, and Nisbet.
Nisbet, Robert H., Stroud, and W. G. Harding, Whitton, England, assignors to Sperry Gyroscope Company Incorporated, Brooklyn, N. Y. Control or regulating system employing fluid pressure. 2,390,119; Dec. 4.
Nisenson, Jules, assignor to Publix Metal Products Inc., New York, N. Y. Venetian blind tilter. 2,391,500; Dec. 25.
Nissen, George P., Cedar Rapids, Iowa. Tumbling device. 2,370,990; Mar. 6.
Nissim, Raoul, London, England. Electric arc furnace. 2,388,998; Feb. 6.
Nissim, Raoul, London, England. Open hearth furnace. 2,386,585; Oct. 9.
Nitescu, Marcel, Bucharest, Roumania; vested in the Alien Property Custodian. Catalytic process for converting liquid and gaseous hydrocarbons into antiknock spirit and aromatic hydrocarbons. 2,375,940; May 15.
Nitsch, Reynold J.: *See*—
Gorey, A. H., Nadel, and Nitsch.
Gorey, A. H., Nadel, Nitsch, and Steiner.
Nitschman, George H., assignor to The S. & S. Products Company, Lima, Ohio. Bottle dispensing machine. 2,341,179; Aug. 7.
Nittka, Alfred E., Cleveland, Ohio. Pumping system and apparatus. 2,391,734; Dec. 25.
Nivison, David B, assignor to Blackburn Aircraft Limited, Brough, England. Machine for bending tubes. 2,367,602; Jan. 16.
Nivison, David B., assignor to Blackburn Aircraft Limited, Brough, England. Apparatus for bending elongated metal articles. 2,369,486; Feb. 13.
Nix, Edmund A., Montreal, Quebec, assignor to Dominion Hoist & Shovel Company Limited, Lachine, Quebec, Canada. Valve gear mechanism. 2,380,369; July 10.
Nixon, Alan C., Oakland, assignor to Shell Development Company, San Francisco, Calif. Solutizer recovery process. 2,379,095; June 26.
Nixon, Leslie R.: *See*—
Chilton, A. H., and Nixon.
Nixon, Leslie R., London, assignor to J. Stone & Company Limited, Deptford, England. Electric regulator. 2,366,283; Jan. 2.
Nixon, Leslie R., New Eltham, London S. E. 9, assignor to J. Stone & Company Limited, Deptford, England. Electric regulator of the carbon pile type. 2,373,591; Apr. 10.
Nixon, Leslie R., New Eltham, assignor to J. Stone & Company Limited, Deptford, England. Electric regulator. 2,389,321; Nov. 20.
Nixon, Virgil H., Joplin, Mo. Wedge grip scraper blade. 2,390,611; Dec. 11.
Noack, Walter G., assignor to Aktiengesellschaft Brown, Boveri & Cie, Baden, Switzerland. Slag removing device for furnaces. 2,375,436; May 8.
Noble, Charles S., Nobleford, Alberta, Canada. Cultivating blade and carrier. 2,373,703; Apr. 17.
Noble, Frank G., Houston, Tex., assignor to Standard Oil Development Company. Recovering gasoline. 2,386,057; Oct. 2.
Noble, Glenn S.: *See*—
Moody, Kenneth M., assignor.
Noble, Max V., Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preservation composition and method. 2,375,868; May 15.
Noble, Ross A., Flint, Mich. Calculating device. 2,381,836; Aug. 7.
Noble, Sidney G., Oak Park, and W. L. Wolgemuth, La Grange, Ill. Solution concentration control system. 2,377,363; June 5.
Noble, Warren, assignor to The Cleveland Worm & Gear Company, Cleveland, Ohio. Worm gear reduction unit. 2,388,863; Nov. 13.
Noble, Warren, assignor to The Cleveland Worm & Gear Company, Cleveland, Ohio. Air-cooled reduction gear unit. 2,391,186; Dec. 18.
Nobles, Warren H., assignor to Seeger Refrigerator Company, St. Paul, Minn. Method and apparatus for bending sheet material. 2,382,607; Aug. 14.
Nobles, Warren H., and J. E. Mills, assignors to Seeger Refrigerator Company, St. Paul, Minn. Flexible chute. 2,378,652; June 19.
Nobilit-Sparks Industries, Inc.: *See*—
Booth, Earl C., assignor.
Nock, John T., Weston-Super-Mare, assignor of one-half to L. Copley-Smith & Sons, Limited, Manchester, England. Gauge. 2,374,830; May 1.
Nock, Joseph A., Jr., Tarentum, and T. W. Bossert, Carnegie, assignors to Aluminum Company of America, Pittsburgh, Pa. Thermal treatment for aluminum base alloys. 2,388,563; Nov. 6.
Noel, Henry M., Summit, N. J., assignor to Standard Oil Development Company. Recovery of vanadium. 2,372,109; Mar. 20.
Noelting, William H., and H. T. Prothero, assignors to Faultless Caster Corporation, Evansville, Ind. Swiveling brake caster. 2,366,927; Jan. 9.
Noffsinger, Fred P., Greeley, Colo. Sprocket wheel. 2,382,740; Aug. 14.
Noffsinger, Fred P., Greeley, Colo. Plow attachment for tractors. 2,384,483; Sept. 11.
Nofsinger, Earl E., assignor, by mesne assignments, to Gibson Refrigerator Company, Greenville, Mich. Refrigerator cabinet and making same. 2,366,284; Jan. 2.
Nogle, James E., Jacksonville Beach, Fla. Equalizing trailer hitch. 2,376,001; May 15.
Noguera, Joseph, assignor to Casablancas High Draft Company Limited, Manchester, England. Drafting mechanism for textile fibers. 2,381,983; Aug. 14.
Noguera, Joseph, Prestwich, Manchester, assignor to Casablancas High Draft Company Limited, Manchester, England. Rollers of drafting mechanism for textile fibers. 2,387,937; Oct. 30.
Noguera, Joseph, Prestwich, assignor to Casablancas High Draft Company Limited, Manchester, England. Drafting mechanism for textile fibers. 2,388,760; Nov. 13.
Nolan, John J., Jr., assignor to The Central Foundry Company, New York, N. Y. Casting method. 2,378,723; June 19.
Nolan, Kenneth G., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Transdithiocyanoethylene as a fungicide. 2,390,037; Nov. 27.
Nolaud, Thomas T.: *See*—
Berger, H. G., Nolaud, and Fuller.
Nygaard, E. M., McCracken, and Nolaud.
Nolaud, Thomas T., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Mineral oil composition. 2,379,453; July 3.
Nolaud, Thomas T., and E. M. Nygaard, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Diesel fuels. 2,370,183; Feb. 27.
Nolde, George V., Berkeley, Calif. Synchronizing and phasing system. 2,380,542; July 31.
Noll, Henry D.: *See*—
Nelson, T. W., Noll, and Simpson.
Nicholls, E. S., Noll, and Payne.
Noma Electric Corporation: *See*—
Larsen, Olai F., Jr., assignor.
Wisoff, Isaac J., assignor.
Noned Corporation et al.: *See*—
Strain, W. H., Plati, and Warren, assignors.

Nonken, Gordan C.: *See*—
Kubler, E. F., Schneider, and Nonken.
Nonn, Arthur W.: *See*—
Reed, A. D., and Nonn.
Noonan, Edmund L., Dayton, Ohio, and W. Tydon, East Aurora, N. Y., assignors to Curtis-Wright Corporation. Wing flap and auxiliary wheel control. Re. 22,674; Sept. 18.
Noonan, Edmund L., Dayton, Ohio, and W. Tydon, Kenmore, N. Y., assignors to Curtiss-Wright Corporation. Wing flap and tail wheel control. 2,366,668; Jan. 9.
Noone, Charles A., Chattanooga, Tenn. Garment for complete protection against inclement weather. 2,372,110; Mar. 20.
Noorduyn, Robert B. C., and D. G. Whittle, Montreal, Quebec, Canada. Rudder and ground wheel control mechanism for aircraft. 2,367,649; Jan. 16.
Norberg, Clarance, Allerton, Iowa. Folding target holder. 2,372,111; Mar. 20.
Nord, Eric T., assignor to U. S. Automatic Corporation. Amherst, Ohio. Milling and marking machine. 2,381,921; Aug. 14.
Nordac Limited: *See*—
Swindin, Norman, assignor.
Nordberg Manufacturing Co.: *See*—
Burls, John P., assignor.
Froehlich, Kurt, assignor.
Gruender, O. C., and Werner, assignors.
Huber, Ernest G., assignor.
Rapp, John L., assignor.
Symons, Loren G., assignor.
Tibbetts, H. H., and Erickson, assignors.
Nordel Corporation: *See*—
Eyjen, Haakon M., assignor.
Nordell, Carl H., Coloma, Mich. Apparatus for aerating sewage. 2,374,772; May 1.
Norden, Axel G., Valley Stream, assignor to Eben Knowlton, New York, N. Y. Building construction. 2,368,770; Feb. 6.
Norden, Axel G., Valley Stream, assignor to Eben Knowlton, New York, N. Y. Combined weather strip and sash control, 2,372,975; Apr. 3.
Norden, Elwood, Pelham, F. Q. Gemmill, Hempstead, and E. J. Isbister, assignors to Sperry Gyroscope Company, Brooklyn, N. Y. Aircraft flight indicator and system. 2,384,484; Sept. 11.
Nordenson, Willard H.: *See*—
Sklovsky, M., and Nordenson.
Nordfeldt, Birger, assignor, to Allmänna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Polyphase direct current saturated inductance. 2,372,112; Mar. 20.
Nordholm, Karl Sixten Jons, V. Bodarne, assignor to Aktiebolaget Svenska Carbidkontoret, Gothenburg, Sweden. Acetylene generator. 2,367,462; Oct. 23.
Nordmark, Henry P., assignor to American Seating Company, Grand Rapids, Mich. Chair. 2,371,256; Mar. 13.
Nordmark, Henry P., assignor to American Seating Company, Grand Rapids, Mich. Chair. 2,378,495; June 19.
Nordquist, Ronald E. J.: *See*—
Murch, J. H., and Nordquist.
Murch, J. H., Nordquist, and Nordstrom.
Nordquist, Ronald E. J., Maplewood, N. J., assignor to American Can Company, New York, N. Y. Can end marking machine. 2,370,164; Feb. 27.
Nordquist, Ronald E. J., Maplewood, N. J., assignor to American Can Company, New York, N. Y. Sheet cutting machine. 2,367,767; Oct. 30.
Nordquist, Ronald E. J., Maplewood, and H. F. Cox, Jr., Murray Hill, N. J., assignors to American Can Company, New York, N. Y. Marking machine. 2,369,172; Feb. 13.
Nordstrom, Elof: *See*—
Murch, J. H., Nordquist, and Nordstrom.
Nordstrom, Elof, East Orange, and V. T. Grover, Maplewood, N. J., assignors to American Can Company, New York, N. Y. Coating machine. 2,375,812; May 15.
Nordstrom, Gustaf E., assignor to American Fibre Corporation, Gardner, Mass. Textile twisting machine. 2,390,729; Dec. 11.
Nordyke, John S., and L. Vaughn, Joplin, Mo., assignors to The Eagle-Picher Lead Company, Cincinnati, Ohio. Treating lead oxide. 2,374,886; May 1.
Norelius, Emil F., Springfield, Ill. Truck frame. 2,378,942; June 26.
Norén, Helge, Folke Kylemo, assignors to Industriaktiebolaget Luxor, Motala, Sweden. Automatic control device for phonographs. 2,373,494; Apr. 10.
Norgren, Carl A., Denver, Colo. Compression fitting. 2,381,554; Aug. 7.
Norkin, Morris, and A. Savitsky, New York, N. Y. Apparatus and method for manufacturing slide fasteners. 2,385,836; Oct. 2.
Norlin, Clarence F., Chicago, Ill. Antisplash shield. 2,368,376; Jan. 30.
Norma-Hoffmann Bearings Corporation: *See*—
Anderson, Warren D., assignor.
Norman, George M., Fairville, Pa., and J. Stuart II, assignors to Hercules Powder Company, Wilmington, Del. Centrifugal. 2,382,574; Aug. 14.
Norman, Horace M., Skokie, assignor to Stewart-Warner Corporation, Chicago, Ill. Electric speedometer. 2,385,101; Sept. 18.
Norman, Joseph W., assignor to Smith and Wesson, Inc., Springfield, Mass. Firing mechanism for firearms. 2,380,326; July 10.
Norman, Noah M.: *See*—
Fontaine, J. P. K., and Norman.
Norman, Noah M., and J. P. K. Fontaine, Birmingham Ala.; said Norman assignor to said Fontaine. Trailer coupler. 2,372,976; Apr. 3.
Normington, James B.: *See*—
Dickey, J. B., and Normington.
Norrbom, Enock, Los Angeles, Calif. Internal-combustion engine. 2,374,773; May 1.
Norrid, James H., Detroit, Mich. Corner unit. 2,386,338; Oct. 9.
Norris, Dale R., and C. M. Greening, Hillsdale, assignors to Allied Products Corporation, Detroit, Mich. Dressing tool holder. 2,372,732; Apr. 3.
Norris, Frank A., Minneapolis, Minn., assignor to General Mills, Inc. Stabilization of fat products. 2,377,029; May 29.
Norris, Frank A., Minneapolis, Minn., assignor to General Mills, Inc. Stabilization of fatty products. 2,377,030; May 29.
Norris, Frank A., Minneapolis, Minn., assignor to General Mills, Inc. Stabilization of fat products. 2,377,031; May 29.
Norris, John G., Bloomer, Wis. Chiropractic adjustment table. 2,381,922; Aug. 14.
Norris, Kenneth T., San Marino, Calif. Multiple sheet metal stamping press. 2,377,097; May 29.
Norris, Lannie F., Minneapolis, Minn. Milk dispenser. 2,377,261; May 29.
Norris, Rollin H.: *See*—
Puffer, S. R., and Norris.
Norris, William A., Alhambra, Calif. Ventilator. 2,368,320; Jan. 30.
Norrman, Ernst: *See*—
Gibbs, T. B., and Norrman.
Norrman, Ernst, Williams Bay, Wis. Indicating device. 2,366,800; Jan. 9.
Norsen, Dwight A., assignor to Boeing Aircraft Company, Seattle, Wash. Punch and work locating template. 2,373,844; Apr. 17.
North American Aviation, Inc.: *See*—
Beardslee, William H., assignor.
Chapman, James E., assignor.
Darby, Vene L., assignor.
Davis, Robert P., Jr., assignor.
Gillum, D. E., and Van Riper, assignors.
Holloway, Daniel E., assignor.
Holton, Edward C., assignor.
Martin, Eric L., assignor.
Patch, Arthur C., assignor.
Schmued, Edgar, assignor.
Seiffried, Richard, assignor.
Sullwold, Richard H., assignor.
Torresen, Carel T., assignor.
Villepigue, Julius G., assignor.
North American Holding Corporation: *See*—
Metcalf, Arthur G. B., assignor.
North American Rayon Corporation: *See*—
Bley, Rudolph S., assignor.
Lyle, M. H., and Smith, assignors.
Taylor, J. I., and Schaefer, assignors.
North American Research Corporation: *See*—
Metcalf, Arthur G. B., assignor.
North Carolina Magnesium Development Corporation: *See*—
Hansgirg, F. J., assignor.
Hansgirg, Fritz J., assignor.
Van der Pyl, Edward, assignor.
North, Edwin W., assignor to National Lock Co., Rockford, Ill. Hinge. 2,372,977; Apr. 3.
North, Edwin W., and W. O. Burke, assignors to National Lock Co., Rockford, Ill. Hose clamp. 2,386,629; Oct. 9.
North Shore Cutting Die Company: *See*—
Leskiewicz, Stanley, assignor.
North, William B., East Orange, N. J. Building construction. 2,380,460; July 31.
Northcutt, Robert T., Jr.: *See*—
Northcutt, R. T., and R. T., Jr.
Northcutt, Robert T., Westfield, and R. T. Northcutt, Jr., Fanwood, N. J., assignors to Food Concentrates, Inc., New York, N. Y. Drying hygroscopic plastics 2,391,033; Dec. 18.
Northern Pump Company: *See*—
Gondek, J. T., and Wilson, assignors.
Northern Signal Co., Inc: *See*—
Nunn, Ewing D., assignor.
Northey, Elmore H., Bound Brook, N. J., assignor to American Cyanamid Company, New York, N. Y. 2-amino 4-methylpyrimidine. 2,378,318; June 12.
Northrop Aircraft, Inc.: *See*—
Griffin, Alvah M., assignor.
Kahler, W., and Lathrop, assignors.
Meredith, Russell, assignor.
Northrop, J. K., and Pavlecka, assignors.
York, J. O., and Winslow, assignors.
Northrop, John K., Los Angeles, Calif. Anchor. 2,368,942; Feb. 6.
Northrop, John K., Los Angeles, Calif. Anchor. 2,380,119; July 10.

Northrop, John K., Los Angeles, and V. H. Pavlecka, Pacific Palisades, assignors to Northrop Aircraft, Inc., Hawthorne, Calif. Airplane structure. 2,390,730; Dec. 11.

Northup, Harry L., assignor to Chicago Rawhide Manufacturing Company, Chicago, Ill. Seal. 2,386,496; Oct. 9.

Northwood Chemical Company: *See*—
Katzen, Raphael, assignor.

Norton, Arthur J., Wells, Maine, assignor to Monsanto Chemical Company, St. Louis, Mo. Resinous composition. 2,378,575; June 19.

Norton, Arthur J., Wells, Maine, assignor to Pennsylvania Coal Products Company, Petrolia, Pa. Production of resinous compositions. 2,385,370; Sept. 25.

Norton, Calhoun, assignor to Arens Controls, Inc., Chicago, Ill. Strip forming apparatus. 2,384,485; Sept. 11.

Norton, Calhoun, assignor to Arens Controls, Inc., Chicago, Ill. Strip forming apparatus. 2,384,486; Sept. 11.

Norton, Charles L., Jr., New York, N. Y., assignor to The Babcock & Wilcox Company, Jersey City, N. J. Metallic vessel for high temperature service. 2,373,845; Apr. 17.

Norton Company: *See*—
Bura, Walter M., assignor.
Carlson, Carl A., assignor.
Flygare, Carl G., assignor.
Flygare, C. G., and Helstrom, assignors.
Coes, Loring, Jr., assignor.
Indge, Herbert S., assignor.
Indge, H. S., and Lund, assignors.
Kistler, Samuel S., assignor.
Lombard, Robert H., assignor.
Sliven, Herbert A., assignor.
Wheildon, William M., Jr., assignor.

Norton, Edward G., Springfield, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Preparing plastic material. 2,371,349; Mar. 13.

Norton, Francis J., Schenectady, N. Y., assignor to General Electric Company. Waterproofing treatment of materials. 2,386,259; Oct. 9.

Norton, Leland D., Fairfield, and V. L. Frykman, Bridgeport, Conn., assignors to Dictaphone Corporation, New York, N. Y. Circuit control device. 2,374,561; Apr. 24.

Norton, Lionel W., Westerleigh, N. Y. Shingle cutter. 2,372,512; Mar. 27.

Norton, Lionel W., New York, N. Y. Pot holder. 2,375,129; May 1.

Norton, Lowell, Collingswood, N. J., assignor to Radio Corporation of America. Range quadrant identification circuit. 2,379,739; July 3.

Norton, Lowell E., Princeton, N. J., assignor to Radio Corporation of America. Phase modulation detection. 2,375,577; May 8.

Norton, Oliver G.: *See*—
McFall, T. E., and Norton.

Norton, Rolland A., Norfolk, Va. Ground working device. 2,373,080; Apr. 3.

Norton, Samuel H.: *See*—
Kerwin, J. M., and Norton.

Norton, Samuel H., University Heights, Ohio. Slide fastener. 2,371,309; Mar. 13.

Norvell, William E., Kansas City, Mo. Bolter drive. 2,374,451; Apr. 24.

Norwalk Lock Company: *See*—
Hines, J., and Segal, assignors.

Norwood, Deak, Chicago, Ill. Collarband construction for shirts. 2,385,638; Sept. 25.

No-Sag Spring Company: *See*—
Horton, Frank J., assignor.

Nosik, William A., Cleveland, Ohio. Pharmaceutical dispensing device. 2,371,774; Mar. 20.

Nostrand, Eugene S., South Orange, N. J. Sound reducing device for beds. 2,375,941; May 15.

Nostrip Inc.: *See*—
Johnson, James M., assignor.

Nott, Ray A., and L. S. Ellis, St. Joseph, Mo., assignors to Industrial Patents Corporation, Chicago, Ill. Automatic sheep pelt scrubbing or cleaning machine. 2,384,691; Sept. 11.

Nottingham, Edward B.: *See*—
Waller, P. H., and Nottingham.

Notturno, Albert C., Hewlett, N. Y. Piston. 2,369,792; Feb. 20.

Novadel-Agene Corporation: *See*—
Baker, John C., assignor.
Merckel, Frederick G., assignor.

Novak, Mary E., Chicago, Ill. Booklet binder. 2,380,780; July 31.

Novak, Mary E., Chicago, Ill. Slacks. 2,389,273; Nov. 20.

Novick, Abraham, Flushing, assignor to F. L. Smithe Machine Co., Inc., New York, N. Y. Envelope fastener machine. 2,387,605; Oct. 23.

Novotny, Emil E., Prospectville, assignor to Durite Plastics, Incorporated, Philadelphia, Pa. Manufacture of molded composition friction bodies. 2,390,266; Dec. 4.

Nowka, Werner, Garden City, N. Y., assignor to Varispeed Corporation, Dover, Del. Mechanical movement. 2,379,454; July 3.

Noxon, Paul A.: *See*—
Bechberger, P. F., and Noxon.
MacCallum, A. M., and Noxom.

Noxon, Paul A., Tenafly, assignor to Bendix Aviation Corporation, Bendix, N. J. Gyro caging device. 2,369,845; Feb. 20.

Noxon, Paul A., Tenafly, assignor to Bendix Aviation Corporation, Bendix, N. J. Rate of turn meter and bank indicator. 2,387,938; Oct. 30.

Noyes, Harry A., Newton, Mass. Framed comestibles in freezing. 2,374,452; Apr. 24.

Nudelman, Eoina, Chicago, Ill. Drum beating toy. 2,376,614; May 22.

Nudelman, Eoina, Chicago, Ill. Cymbal-beating toy. 2,376,615; May 22.

Nudenberg, Walter, Chicago, Ill., assignor to United States of America, as represented by the Secretary of Agriculture. Preparing trans-quinitol diacetate. 2,377,571; June 5.

Nufer, Jacob, West New York, N. J., assignor to Baar & Beards, Inc., New York, N. Y. Ornamental accessory. 2,387,173; Oct. 16.

Nuffer, Joseph H., Toledo, Ohio, and L. H. Latta, Deerfield, Ill., assignors to Air-Way Electric Appliance Corporation, Toledo, Ohio. Suction cleaner. 2,388,279; Nov. 6.

Nuffer, Joseph H., Toledo, Ohio, and L. H. Latta, Deerfield, Ill., assignors to Air-Way Electric Appliance Corporation, Toledo, Ohio. Suction cleaner. 2,388,280; Nov. 6.

Nunes, John S., assignor to E. Lefkowitz, doing business as Fulton Electric Mfg. Co., New York, N. Y. Switch. 2,389,075; Nov. 13.

Nunes-Vaz, Jacobus, Toronto, Ontario, Canada, assignor to Dominion Diamond Cutting Company. Metal boring or cutting tool. 2,378,094; June 12.

Nunn, Ewing D., assignor to Northern Signal Co., Inc., Milwaukee, Wis. Reinforced housing. 2,378,860; June 19.

Nuodex Products Co., Inc.: *See*—
Minich, Arthur, assignor.

Nussbaum, Leon, assignor of one-half to Hatim Attari, London, England. Abrasive tool. 2,391,589; Dec. 25.

NuTone, Incorporated: *See*—
Corbett, Joseph R., assignor.

Nutt, Harold, assignor to Borg-Warner Corporation, Chicago, Ill. Friction clutch. 2,366,643; Jan. 2.

Nuttall, Norman H.: *See*—
Griffin, I. L., Truax, and Nuttall.

Nutting, Arthur, assignor to American Air Filter Company, Inc., Louisville, Ky. Air cleaner. 2,373,330; Apr. 10.

Nutting, Eugene G., Jr., Grosse Ile, assignor, by mesne assignments, to Wyandotte Chemicals Corporation, Wyandotte, Mich. Manufacture of alkali metal silicates. 2,374,035; Apr. 17.

Nutting, Howard S.: *See*—
Britton, E. C., Nutting, and Huscher.

Nutting, Howard S., and L. H. Horsley, assignors to The Dow Chemical Company, Midland, Mich. Separation of unsaturated aliphatic hydrocarbons from solutions thereof in ammonia. 2,370,063; Feb. 20.

Nutting, Howard S., and L. H. Horsley, assignors to The Dow Chemical Company, Midland, Mich. Separation of butadiene and butylene from mixtures comprising the same. 2,370,064; Feb. 20.

Nutting, Howard S., and L. H. Horsley, assignors to The Dow Chemical Company, Midland, Mich. Distillation of ammonia and hydrocarbon mixtures. 2,371,350; Mar. 13.

Nyberg, Morgan A., Milwaukee, Wis., assignor to The Union Switch and Signal Company, Swissvale, Pa. Railway switch operating apparatus. 2,371,064; Mar. 6.

Nydegger, Roland R.: *See*—
Johnson, C. R., and Nydegger.

Nyden, Robert, Manhasset, assignor to F. N. Burt Company, Inc., Buffalo, N. Y. Sifter closure. 2,366,644; Jan. 2.

Nye, J. Marshall, Phillips, Tex., assignor to Phillips Petroleum Company. Fluid pressure electrical switch. 2,391,068; Dec. 18.

Nye, Norman H.: *See*—
McIlvried, E. J., and Nye.

Nye, Owen K.: *See*—
Wadsworth, R. J., and Nye.

Nye, Verne H.: *See*—
Hanna, Henry M., assignor.

Nygaard, Edwin M.: *See*—
McCracken, J. H., and Nygaard.
Noland, T. T., and Nygaard.

Nygaard, Edwin M., and J. H. McCracken, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Trialkyl phosphines for Diesel fuels. 2,368,866; Feb. 6.

Nygaard, Edwin M., J. H. McCracken, and T. T. Noland, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Preparation of nitrolic acids and pseudonitroles. 2,370,185; Feb. 27.

Nygren, Carl, assignor to Michiana Products Corporation, Michigan City, Ind. High temperature fan. 2,385,837; Oct. 2.

Nygren, Carl, assignor to Michiana Products Corporation, Michigan City, Ind. High temperature fan. 2,385,838; Oct. 2.

Nyquist, Harry, Milburn, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph signaling system. 2,386,566; Oct. 9.

Nysewander, Cecil W.: *See*—
Sutton, M., and Nysewander.

Nysewander, Cecil W., Highland, and N. Fragen, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Isomerizing paraffin hydrocarbons using an aluminum halide-hydrocarbon complex catalyst. 2,375,321; May 8.

Nystrom, Carl E., assignor to American Bosch Corporation, Springfield, Mass. Fluid pump. 2,380,607; July 31.

Nystrom, Karl F., Nashotah, Wis., assignor to Standard Railway Equipment Manufacturing Company. Railway car side door. Re. 22,633; Apr. 17.

Nystrom, Karl F., Milwaukee, Wis. House car. 2,367,603; Jan. 16.

O. & S. Bearing Company: *See*—
Schroeter, Bruno, assignor.

Oak, Donald P., Tulsa, Okla. Fitting for use with oil well tubing or the like. 2,366,547; Jan. 2.

Oakes, Ernest A., Elkins Park, Pa. Drilling machine. 2,372,287; Mar. 27.

Oakes Manufacturing Company, The: *See*—
Hobbs, H. H., and Zaloudek, assignors.

Oakeshott, Stephen H.: *See*—
Baird, W., Hill, Harris, Oakeshott, and Wilson.

Oakley, John, Springfield, assignor to Perkins Machine and Gear Company, West Springfield, Mass. Washing machine drive. 2,387,283; Oct. 23.

Oakley, John, Springfield, assignor to Perkins Machine and Gear Company, West Springfield, Mass. Washing machine drive. 2,388,175; Oct. 30.

Oakley, John, Springfield, assignor to Perkins Machine and Gear Company, West Springfield, Mass. Washing machine drive. 2,388,176; Oct. 30.

Oatley, Arthur F., Deepfields, England. Gas heated cooking oven. 2,383,410; Aug. 21.

Oatman, William F., Geneva, Ill., assignor to Hercules Powder Company, Wilmington, Del. Production of casein. 2,388,991; Nov. 13.

Obecny, John T., Los Angeles, assignor of one-half to M. C. Garst, Sacramento, Calif. Hydraulic work holder. 2,366,979; Jan. 9.

Obedin, Nathan, Brooklyn, N. Y. Unwinding head for bolts of fabric. 2,375,679; May 8.

Obedin, Nathan, Brooklyn, N. Y. Releasably interlocked grinding mechanism. 2,375,680; May 8.

Obenauer, J. E.: *See*—
Edgington, Clay M., assignor.

Obenshain, Noel, Piedmont, W. Va., and M. A. Sively, Luke, Md., assignors to West Virginia Pulp and Paper Company, New York, N. Y. Self-cleaning filter. 2,382,656; Aug. 14.

Oberfell, George G.: *See*—
Short, G. H., and Oberfell.

Oberfell, George G., Bartlesville, Okla., assignor to Phillips Petroleum Company. Catalyst chamber. 2,384,258; Sept. 4.

Oberfell, George G., and J. P. Jones, Bartlesville, Okla., assignors to Phillips Petroleum Company. Production of motor fuel. 2,376,077; May 15.

Oberfell, George G., and J. P. Jones, Bartlesville, Okla., assignors to Phillips Petroleum Company. Treatment of light hydrocarbons. 2,376,078; May 15.

Oberg, James L.: *See*—
Wilson, E. F., and Oberg.

Oberg, Ture T., Dayton, Ohio. Rotating-beam-tube fatigue testing machine. 2,376,379; May 22.

Obergfell, Herbert F., River Forest, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill., Telephone set. 2,375,681; May 8.

Oberkamper, Elden L., et al.: *See*—
Oberkamper, Ivan E., assignor.

Oberkamper, Ivan E., assignor of one-third to E. L. Oberkamper and one-third to O. O. Oberkamper, Ceres, Calif. Loading device for manure spreaders. 2,368,422; Jan. 30.

Oberkamper, Orvis O., et al.: *See*—
Oberkamper, Ivan E., assignor.

Obermaier, John A., Chicago, Ill. Carrying case. 2,379,031; June 26.

Obermeyer, Edward C.: *See*—
Obermeyer, Leo F. and E. C.

Obermeyer, Leo F. and E. C., Grand Rapids, Mich. Heat detector. 2,374,123; Apr. 17.

Oberright, Edward A.: *See*—
Moran, R. C., Meyer, Otto, and Oberright.

Oberweiser, Gilbert E., assignor to Collins Radio Company, Cedar Rapids, Iowa. Zero phase shift selective amplifier. 2,383,984; Sept. 4.

Oblad, Alex G.: *See*—
D'Ouville, E. L., and Oblad.
Jahn, F. P., and Oblad.

Oblad, Alex G., assignor to Standard Oil Company, Chicago, Ill. Producing toluene. 2,383,072; Aug. 21.

Oblad, Alex G., Chicago, Ill., and L. Heard, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Catalytic hydrocarbon conversion system. 2,387,088; Oct. 16.

Obolensky, Prince D., Dresden, Germany; vested in the Alien Property Custodian. Reel or spool for motion-picture films. 2,373,704; Apr. 17.

O'Boyle, Charles M.: *See*—
Stultz, Posy G., assignor.

O'Brien, Edmund H., Kansas City, Mo. Internal-combustion engine. 2,371,911; Mar. 20.

O'Brien, Elwin J., Grand Forks, N. Dak. Coupled circuit frequency modulator. 2,368,036; Jan. 23.

O'Brien, Francis M., Jr., Miami, Fla. Boring bar. 2,391,794; Dec. 25.

O'Brien, Frank J., Pelham, assignor to Continental Can Company, Inc., New York, N. Y. Fiber container. 2,369,975; Feb. 20.

O'Brien, Frank J., Pelham, assignor to Continental Can Company, Inc., New York, N. Y. End seam for metal containers. 2,384,042; Sept. 4.

O'Brien, Frank J., Pelham, assignor to Continental Can Company, Inc., New York, N. Y. Closure for paper containers. 2,380,534; Nov. 20.

O'Brien, Frank J., Pelham, N. Y., and C. E. Maier, Elmhurst, Ill., assignors to Continental Can Company, Inc., New York, N. Y. Preserving steel plate from corrosion and preparing elements of container bodies therefrom. 2,386,813; Oct. 16.

O'Brien, Fred J., Mount Vernon, N. Y. Screen plate. 2,391,501; Dec. 25.

O'Brien, George A., Kansas City, Kan. Bubble cap. 2,391,502; Dec. 25.

O'Brien, Joseph F.: *See*—
Morten, L. G., and O'Brien.

O'Brien, Joseph F., Jersey City, N. J., assignor to John B. Pierce Foundation, New York, N. Y. Composite electricity conductor unit. 2,368,676; Feb. 6.

O'Brien, Joseph F., Jersey City, N. J., assignor to John B. Pierce Foundation, New York, N. Y. Electricity conductor unit. 2,373,331; Apr. 10.

O'Brien, Joseph F., Jersey City, N. J., assignor to John B. Pierce Foundation, New York, N. Y. End closure means for electric wiring units. 2,384,487; Sept. 11.

O'Brien, Joseph F., Jersey City, N. J., assignor to John B. Pierce Foundation, New York, N. Y. Feed section unit for electric wiring systems. 2,385,375; Sept. 25.

O'Brien, Joseph F., Jersey City, N. J., assignor to John B. Pierce Foundation, New York, N. Y. Electrical conductor unit assemblies. 2,385,839; Oct. 2.

O'Brien, Paul C., assignor to Hat Corporation of America, Norwalk, Conn. Heat protector. 2,391,335; Dec. 18.

O'Brien, Vincent R., St. Paul, Minn. Sink construction. 2,391,034; Dec. 18.

O'Brien, William J., Syracuse, N. Y. Apparatus for heat treating liquids. 2,378,029; June 12.

Obszarny, Thedore, assignor to Guardian Electric Manufacturing Co., Chicago, Ill. Snap-action switch. 2,378,784; June 19.

Obszarny, Thedore, assignor to Guardian Electric Manufacturing Co., Chicago, Ill. Hand grip switch device. 2,381,077; Aug. 7.

Obszarny, Thedore, assignor to Guardian Electric Manufacturing Co., Chicago, Ill. Solenoid construction. 2,383,411; Aug. 21.

Obszarny, Thedore, assignor to Guardian Electric Manufacturing Co., Chicago, Ill. Hand grip control switch. 2,390,846; Dec. 11.

Obtresal, Robert, Magdeburg, Germany; vested in the Alien Property Custodian. Hydraulic drive. 2,381,923; Aug. 14.

Oceanic Ship Sealing Co., Inc.: *See*—
Sorrentino, Thomas, assignor.

O-Cedar Corp'n: *See*—
Dupuy, Charles F. J., assignor.

Ocenasek, William F., South Plainfield, assignor to Walker-Turner Co. Inc., Plainfield, N. J. Feed mechanism. 2,384,732; Sept. 11.

Ochiltree, Ned A., Oak Park, Ill., assignor to Ceco Steel Products Corporation, Omaha, Nebr. Sheet metal roofing material. 2,369,487; Feb. 13.

Ochsenbein, Walter, assignor to Hasler A. G. Werke für Telephonie und Prazisionsmechanik, Bern, Switzerland. Magneto ignition device with interrupter for internal-combustion engines. 2,382,808; Aug. 14.

Ochsenbein, Walter, assignor to Hasler A.-G. Werke für Telephonie und Prazisionsmechanik, Berne, Switzerland. Magneto. 2,385,226; Sept. 18.

Ochsenbein, Walter, assignor to Hasler A.-G. Werke für Telephonie und Prazisions-mechanik, Berne, Switzerland. Circuit breaker and ignition timing device. 2,386,136; Oct. 2.

Ockrant, William: *See*—
Unger, M., and Ockrant.

O'Conner, Arthur F., Chicago, Ill., assignor to Union Asbestos & Rubber Company. Air circulating means for refrigerator cars. 2,386,002; Oct. 2.

O'Connor, Arthur F.: *See*—
Breen, H. D., and O'Connor.

O'Connor, Bernard E.: *See*—
Magrum, G. M., and O'Connor.

O'Connor, Bernard E., Buffalo, N. Y., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Hydraulic shock absorber. 2,371,705; Mar. 20.

O'Connor, Daniel J., Jr.: *See*—
Kroeger, J. W., and O'Connor.

O'Connor, Edward G., New York, N. Y. Spark and slug catching chute. 2,380,188; July 10.

O'Connor, Harry F.: *See*—
Kroeger, J. W., and O'Connor.

O'Connor, John J.: *See*—
De Simó, M., and O'Connor.

O'Connor, Paul: *See*—
Greene, G. B., and O'Connor.
O'Connor, Walter J., Pittsburgh, Pa. Iceproof windshield. 2,386,339; Oct. 9.
Oddo, Nicoll C., Middletown, N. Y. Tire chain tool. 2,374,616; Apr. 24.
Odell, Arthur D.: *See*—
Butler, G. C., Lozinski, and Odell.
Odell, William W., and W. D. Harbert, assignors to Lion Oil Refining Company, El Dorado, Ark. Recovering elemental sulphur from sulphurous gases. 2,389,810; Nov. 27.
Oden, Thomas K., and R. L. Wight, Sacramento, Calif. Fishhook. 2,383,073; Aug. 21.
Odlan, Frank A., Detroit, Mich. Siding cutter. 2,378,428; June 19.
Odin Corporation: *See*—
Svenson, Ernest J., assignor.
Odin, Frank W., Chicago, Ill. Telescopic structure. 2,376,716; May 22.
Odin, Frank W., Chicago, Ill. Telescopic structure. 2,391,101; Dec. 18.
Odom, Leslie M., and J. H. Lambert, Los Angeles, Calif. Pot chuck collet. 2,389,633; Nov. 27.
Odom, William P., Manhasset, Long Island, N. Y., assignor to The Emeloid Company, Incorporated, Arlington, N. J. Navigation plotting instrument. 2,372,288; Mar. 27.
O'Donnell, James H., Woburn, Mass. Illuminated brooch. 2,374,375; Apr. 24.
O'Donnell, John R., Brooklyn, assignor to Econo Safety Devices, Inc., Maspeth, N. Y. Hinged clamp. 2,370,748; Mar. 6.
Odward, Paul S., Lake Geneva, Wis. Holder for fishing poles. 2,389,384; Nov. 20.
O'Dwyer, Daniel M., London, England. Steering indicator device for vehicles. 2,390,317; Dec. 4.
Oehsle, Sixtus J., Philadelphia, and J. N. Childs, Meadowbrook, assignors to Metalweld, Inc., Philadelphia, Pa. Sandblasting apparatus. 2,376,616; May 22.
Oehler, Alvin W.: *See*—
Paradise, L. A., and Oehler.
Oehler, Alvin W., assignor to Deere & Company, Moline, Ill. Harvester. 2,377,805; June 5.
Oehler, Alvin W., and D. L. Adams, assignors to Deere & Company, Moline, Ill. Hitch device. 2,377,806; June 5.
Oehrli, John W., State College, Pa. Beam compass. 2,385,723; Sept. 25.
Oekers, Alfred H., assignor to American Steel Foundries, Chicago, Ill. Brake arrangement. 2,371,108; Mar. 6.
Oerman, Orey W., assignor to Deere & Company, Moline, Ill. Two-way plow. 2,385,935; Oct. 2.
Oestreicher, Sol, and E. C. Brekelbaum, assignors to Harnischfeger Corporation, Milwaukee, Wis. Arc-time recorder. 2,366,548; Jan. 2.
Oetzel, John G.: *See*—
Born, F. G., and Oetzel.
Oetzel, John G., Beloit, assignor to Warner Electric Brake Manufacturing Company, South Beloit, Wis. Brake mechanism. Re. 22,598; Feb. 6.
Oetzel, John G., Beloit, Wis., assignor to Warner Electric Brake Manufacturing Company, South Beloit, Ill. Brake. 2,378,943; June 23.
Offner, Abe, Brooklyn, assignor to J. A. Maurer, Inc., New York, N. Y. Sound film printing optical system. 2,381,980; Aug. 14.
Offutt, Claggett, Los Angeles, Calif. Rivet ejector. 2,390,318; Dec. 4.
Ofner, Alfred, and E. C. Kunz, Montclair, N. J., assignors to B. T. Bush, Inc., New York, N. Y. Making synthetic menthol. 2,366,749; Jan. 9.
Oftedahl, Everett J.: *See*—
Oftedahl, John and E. J.
Oftedahl, John and E. J., Forest Park, Ill. Tape sealer. 2,368,262; Jan. 30.
Ogden, Albert S.: *See*—
Schlieben, E. W., Ogden, and Berler.
Ogden, Arthur N.: *See*—
Bandur, Adolph F., Dillinger, and Ogden.
Ogden, Harold S., Erie, Pa., assignor to General Electric Company. Electric motor control system. 2,378,785; June 19.
Ogden, Harold S., Erie, Pa., assignor to General Electric Company. Electric motor control system. 2,383,813; Aug. 28.
Ogden, William F., assignor to Edison General Electric Appliance Company, Inc., Chicago, Ill. Electric heating system. 2,368,488; Jan. 30.
Ogg, George P., Springfield, Ohio. Rear mount for fixed machine guns. 2,383,985; Sept. 4.
Ogg, Leon L., Creston, Iowa. Reinking machine for typewriter ribbons. 2,390,612; Dec. 11.
Ogilvie, James, Buffalo, and R. S. Wilder, Hamburg, assignors to Allied Chemical & Dye Corporation, New York, N. Y. Preparation of naphthalic acids. 2,379,032; June 26.
Ogilvie, James, Buffalo, assignor to Allied Chemical & Dye Corporation, New York, N. Y. Bromination of 2,6-nitro chlor toluene. 2,387,341; Oct. 23.
Ogle, Frank L., Liverpool, England, assignor to Imperial Chemical Industries Limited. Marine flare. 2,385,376; Sept. 25.
Ogle, James C., Jr., and A. R. Weinrich, Brackenridge, Pa., assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Coating surfaces with quarts. 2,386,876; Oct. 16.
Ogliesby, Nicholas E., assignor to Behr-Manning Corporation, Troy, N. Y. Making coated abrasives. 2,375,813; May 15.
Ogliesby, Nicholas E., assignor to Behr-Manning Corporation, Troy, N. Y. Coated abrasive. 2,375,814; May 15.
Ogorzaly, Henry J.: *See*—
Carlsmith, L. E., and Ogorzaly.
Ogorsaly, Henry J., Baton Rouge, La., assignor to Standard Oil Development Company. Continuous isomerization process. 2,388,932; Nov. 13.
Ogorzaly, Henry J., Summit, N. J., assignor to Standard Oil Development Company. Petroleum conversion process. 2,391,336; Dec. 18.
Ogston, Alexander R.: *See*—
West, H. L., and Ogston.
O'Hagan, Charles P., Arlington Heights, Ill. Water heater and the like. 2,374,231; Apr. 24.
O'Hara, John G., Margate, N. J. Sleeping bag and the like for infants. 2,374,299; Apr. 24.
O'Hare, George W., Bellflower, Calif., assignor, by mesne assignments, to Consolidated Vultee Aircraft Corporation. Combined ammunition magazine and feed means. 2,375,437; May 8.
O'Hare, Martin: *See*—
Johnson, H. O., and O'Hare.
O'Hearn, George E., Gardner, Mass. Article of furniture. 2,389,994; Nov. 27.
O'Hern, Mildred A., Chicago, Ill. Pantie. 2,391,641; Dec. 25.
Ohio Boxboard Company, The: *See*—
Morris, James C., assignor.
Ohio Brass Company, The: *See*—
Dees, Alfred F., assignor.
Larsson, Ernst A., assignor.
Lewis, Warren T., assignor.
Matthes, Samuel S., assignor.
Mead, George A., assignor.
Smith, Edward P., assignor.
Vajda, Arthur, assignor.
Ohio Carbon Company, The: *See*—
Stoffel, Lester L., assignor.
Stoffel, L. L., and Stark, assignors.
Ohio Citizens Trust Company, The, trustee: *See*—
Replogle, Daniel B., assignor.
Ohio Crankshaft Company, The: *See*—
Denneen, F. S., and Duan, assignors.
Ohio Cultivator Co., The: *See*—
Englund, Ernst E., assignor.
Ohio Foundry & Manufacturing Company, The: *See*—
Sharpe, William L., assignor.
Ohio Injector Company, The: *See*—
Doster, Howard G., assignor.
Hanlon, R. H., and Farnsworth, assignors.
Ohio Pattern Works and Foundry Company, The: *See*—
Payne, Amos O., assignor.
Ohio State University Research Foundation, The: *See*—
Gaver, Kenneth M., assignor.
Marco, Salvatore M., assignor.
Ohio Steel Foundry Company, The: *See*—
Walcher, Edwin A., assignor.
Ohio Stove Company, The: *See*—
Burke, W. A., and Frese, H. J. and W. O., assignors.
Ohio Thermometer Company, The: *See*—
Hunt, George D., assignor.
Ohio Wax Paper Company: *See*—
Palmer, Edward, assignor.
Ohl, Clyde A., assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Seal construction. 2,374,887; May 1.
Ohl, Howard J.: *See*—
Middleton, Gordon H., assignor.
Ohl, Klemens, Stockdorf, near Munich, Germany; vested in the Allen Property Custodian. Cathode ray tube. 2,375,815; May 15.
Ohl, Russell S., Little Silver, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Detector system for very short electric waves. 2,378,944; June 26.
Ohlmann, Edward O., Ann Arbor, assignor to The Dow Chemical Company, Midland, Mich. Inhibitor for carbon tetrachloride. 2,387,284; Oct. 23.
Ohno, Richard J., North Branford, assignor to Sargent & Company, New Haven, Conn. Padlock. 2,370,991; Mar. 6.
Oil Devices: *See*—
Breese, J. L., and Hayter, assignors.
Breese, J. L., Hayter, and Huston, assignors.
Hayter, Bruce, assignor.
Huston, Milton D., assignor.
Perry, Stanley, assignor.
Perry, S., and Huston, assignors.
Oil Distribution Appliances Limited: *See*—
Elliott, Peter M., assignor.
Oil and Gas Research, Inc.: *See*—
Wilcox, William D., assignor.
Oilgear Company, The: *See*—
Davis, Richard E., assignor.
Ferris, Walter, assignor.
Grad, Adolf R., assignor.
Tyler, Ransom, assignor.

Oil Well Supply Company: *See*—
Maier, August R., assignor.
Oishei, John R., Buffalo, and E. C. Horton, Hamburg, assignors to Trico Products Corporation, Buffalo, N. Y. Gauge. 2,378,156; June 12.
Okita, Tadao, Imazucho, Nishinomiya, Japan; vested in the Alien Property Custodian. Rubber-like materials from dihydroxylalkyl sulphides. 2,378,576; June 10.
Okolicsanyi, Ferenc, Wells, England, assignor to Scophony Corporation of America, New York, N. Y. Television receiver. 2,371,643; Mar. 20.
Okonite-Callender Cable Company, The: *See*—
White, Francis J., assignor.
Okonite-Callender Cable Company, Incorporated, The: *See*—
Bennett, Charles E., assignor.
Bennett, C. E., and White, assignors.
Olaer Patent Company: *See*—
Duval, Jean G. L., assignor.
Olah, George, assignor to Precision Developments Company Limited, London, England. Electric follow-up mechanism. 2,387,174; Oct. 16.
Olander, Roland J., assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorbing mechanism. 2,369,793; Feb. 20.
Olander, Roland J., assignor to W. H. Miner, Inc., Chicago, Ill. Hand brake. 2,381,135; Aug. 7.
Olchvary, Alexander, Jr., New Brunswick, N. J. Tool chuck. 2,369,751; Feb. 20.
Old Fashion Ma's Root Beer Bottling Company: *See*—
Rothstein, Barney, assignor.
Oldfield, Lee, assignor to Marmon-Herrington Company, Inc., Indianapolis, Ind. Speed varying gearing. 2,378,577; June 19.
Oldham, Edgar: *See*—
Oldham, Wesley B., and E.
Oldham, Gordon Y., et al.: *See*—
Blaes, Edward G., assignor.
Oldham, Wesley B. and E.; said W. B. Oldham assignor of one-third of the whole right to G. H. Bond, Duncan, Okla. Peanut harvesting machine. 2,372,847; Apr. 3.
Oldham, Wilbur N., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Textile finishing and composition therefor. 2,378,724; June 19.
Oldofredi, Edgar C. V., New York, N. Y. Producing decorated material. 2,370,186; Feb. 27.
Oldreive, Percy N., assignor of one-third to H. L. Pearson, Liphook, England. Shuttering for use in building structures of concrete or like material. 2,374,300; Apr. 24.
Olds, Ambrose D., assignor to The Coleman Lamp and Stove Company, Wichita, Kans. Floor furnace. 2,387,939; Oct. 30.
O'Leary, Charles M., Houston, Tex. Bottom hole intermitter. 2,368,999; Feb. 6.
O'Leary, Russell, Wheeling, W. Va. Automatic blanking press device. 2,377,262; May 29.
Olgiati, Mario A., Detroit, Mich. Breadmaking machine. 2,382,657; Aug. 14.
Olin Industries, Inc.: *See*—
Blais, Emilien, assignor.
Fleischer, Arthur, assignor.
Hanes, Merle H., assignor.
Seavey, Frederick R., assignor.
Seifried, Harry H., II, assignor.
Silk, Charles L., assignor.
Williams, David M., assignor.
Wilson, G. P., and Hartshorne, assignors.
Olin, John F.: *See*—
Schwoegler, E. J., and Olin.
Olin, John F., Grosse Ile, Mich., assignor to Sharples Chemicals Inc., Philadelphia, Pa. Manufacture of biuret. 2,370,065; Feb. 20.
Olin, John F., Grosse Ile, Mich., assignor to Sharples Chemicals Inc., Philadelphia, Pa. Purification of amine reaction mixtures. 2,377,511; June 5.
Olin, John F., Grosse Ile, Mich., assignor to Sharples Chemicals Inc., Philadelphia, Pa. Manufacture of synthetic elastomers. 2,378,030; June 12.
Olin, John F., Grosse Ile, Mich., assignor to Sharples Chemicals Inc., Philadelphia, Pa. Separation of trimethyl amine and ammonia from amination reaction mixtures. 2,388,217; Oct. 30.
Olin, John F., Grosse Ile, Mich., assignor to Sharples Chemicals Inc., Philadelphia, Pa. Manufacture of nitriles. 2,388,218; Oct. 30.
Olin, John F., Grosse Ile, and J. F. McKenna, Wyandotte, Mich., assignors to Sharples Chemicals Inc., Philadelphia, Pa. Manufacture of amines by vapor phase amination of aldehydes. 2,367,366; Jan. 16.
Olin, John F., Grosse Ile, and E. J. Schwoegler, Wyandotte, Mich., assignors to Sharples Chemicals Inc., Philadelphia, Pa. Manufacture of amines. 2,373,705; Apr. 17.
Oliphant, Willard E., New York, N. Y. Vector resolving integrator. 2,390,613; Dec. 11.
Oliver Corporation, The: *See*—
Gemberling, Cameron H., assignor.
Hahn, Herman J., assignor.
Kingsbury, Leon Y., assignor.
Oliver, Donald A., assignor to William Jessop & Sons Limited, Sheffield, England. Manufacture of ferromagnetic material. 2,381,363; Aug. 7.
Oliver, George F. N., assignor to Oliver Pell Control Limited, Woolwich, London, England. Adjustable bracket. 2,391,795; Dec. 25.
Oliver, Herbert F., West Springfield, assignor to The F. W. Sickles Company, Chicopee, Mass. Flexible coupling. 2,387,705; Oct. 23.
Oliver Iron Mining Company: *See*—
Hart, H. T., Barber, and Burbeck, assignors.
Jones, William, assignor.
Oliver, Lee, Milford, assignor to The Connecticut Web and Buckle Company, Bridgeport, Conn. Clasp. 2,382,658; Aug. 14.
Oliver Machinery Company: *See*—
Tuthill, H. B., and Caldwell, assignors.
Oliver Pell Control Limited: *See*—
Oliver, George F. N., assignor.
Oliver, Robert M., Reno, Nev., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,367,604; Jan. 16.
Oliver, Robert M., Reno, Nev., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Drain valve apparatus. 2,367,605; Jan. 16.
Oliver, Robert M., Reno, Nev., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Variable load brake. 2,374,036; Apr. 17.
Oliver, Thomas C., Jackson Heights, N. Y., and R. D. Long and L. H. Crosson, Charlotte, N. C., assignors to Charlotte Chemical Laboratories, Inc. Producing ferrous chloride. 2,374,453; Apr. 24.
Oliver, Thomas C., Jackson Heights, N. Y., R. D. Long, Charlotte, N. C., and L. H. Crosson, Arlington, Va., assignors to Charlotte Chemical Laboratories, Inc. Production of iron oxide. 2,374,454; Apr. 24.
Oliver United Feiters Incorporated: *See*—
Herbert, Elmer H., assignor.
Oliver United Filters Incorporated: *See*—
Stanley, Carroll M., assignor.
Oliver, Wallace F., assignor to Bendix Home Appliances, Inc., South Bend, Ind. Door and sealing means therefor. 2,376,449; May 22.
Oliver, Wilbur C., Los Angeles, Calif., assignor to George M. and Earl Holley. Vapor separator. 2,379,590; July 3.
Olivera, Ramón A., San Juan, Puerto Rico. Ruling pen. 2,367,471; Jan. 16.
Olken, Hyman, Washington, D. C. Method and apparatus for moisture measurement of materials. 2,373,846; Apr. 17.
Olken, Hyman, Washington, D. C. Space discharge device. 2,376,882; May 29.
Ollendorff, Ulrich, New York, N. Y. Tonometer. 2,366,645; Jan. 2.
Ollivier, Robert, New York, N. Y. Fastening device for wearing apparel, draperies, and the like. 2,366,549; Jan. 2.
Ollmann, Fred A., Gresham, Wis. Quick adjustable wrench. 2,378,241; June 12.
Olm, George: *See*—
Cattonar, J., and Olm.
Olney, Nathaniel M., Jersey City, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Trimming apparatus. 2,374,301; Apr. 24.
Olney, Nathaniel M., assignor to Western Electric Company, Incorporated, New York, N. Y. Material working apparatus. 2,374,376; Apr. 24.
Olney, Nathaniel M., assignor to Western Electric Company, Incorporated, New York, N. Y. Article forming machine. 2,389,738; Nov. 27.
Olpin, Henry C.: *See*—
Stanley, E., Argyle, and Olpin.
Olpin, Henry C., and C. S. Argyle, Spondon, near Derby, England, assignors to Celanese Corporation of America. Dyeing of cellulose derivatives with nitro dyes. 2,368,723; Feb. 6.
Olsen, Aksel G., and E. R. Fehlberg, Battle Creek, Mich., assignors to General Foods Corporation, New York, N. Y. Pectin preparation. 2,369,846; Feb. 20.
Olsen, Aksel G., Summit, and E. Seltzer, Teaneck, N. J., assignors to General Foods Corporation, New York, N. Y. Preparation of flavoring materials. 2,369,847; Feb. 20.
Olsen, Anders C., Forest Hills, N. Y. Shingle fastening device. 2,368,867; Feb. 6.
Olsen, Anders C., Forest Hills, N. Y. Plaster partition construction. 2,387,342; Oct. 23.
Olsen, Burton A., assignor to California Cotton Mills Company, Oakland, Calif. Mop construction. 2,376,450; May 22.
Olsen, Burton A., E. T. Combs, and J. H. Nelson, assignors to California Cotton Mills Company, Oakland, Calif. Roofer's mop. 2,389,322; Nov. 20.
Olsen, Carl A., and A. J. Germain, Haverhill, Mass. Finishing edges of leather and the like goods. 2,372,336; Mar. 27.
Olsen, Christian E., Washburn, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Trinitrotoluene. 2,380,247; July 10.
Olsen, Eugene F.: *See*—
Gelbman, L., Olsen, and Mays.
Olsen, Henry M., Minneapolis, Minn. Controlling mechanism for dispensing machines. 2,370,873; Mar. 6.
Olsen, Joseph O., assignor to Barnes Drill Co., Rockford, Ill. Machine tool. 2,374,774; May 1.

Olsen, Louis R., assignor to Erie Meter Systems, Inc., Erie, Pa. Visual fluid flow indicator. 2,387,803; Oct. 30.

Olsen, Marvin R.: *See*—
Packer, C. S., and Olsen.

Olsen, Oscar E.: *See*—
Acken, M. F., and Olsen.

Olsen, Ronald W., Bloomfield, N. J., assignor to General Electric Company. Fluid flow control. 2,388,073; Oct. 30.

Olsen, Victor B., Everett, Mass. Thermodynamic conversion in compression-ignition engines. 2,368,423; Jan. 30.

Olsen, Walter E., Riverhead, N. Y., assignor to Radio Corporation of America. Receiving system. 2,373,495; Apr. 10.

Olsen, Walter H., Providence, R. I. Educational map. 2,373,258; Apr. 10.

Olsen, Carl G., assignor to Illinois Tool Works, Chicago, Ill. Assembled screw and lock washer. 2,366,860; Jan. 9.

Olson, Carl G., assignor to Illinois Tool Works, Chicago, Ill. Die. 2,371,463; Mar. 13.

Olsen, Charles E., Bridgeport, Conn. Padlock. 2,375,488; May 8.

Olson, Charles S., Gulfport, Miss., assignor to Toy Kraft, Inc. Wheeled figure toy. 2,374,888; May 1.

Olson, Charles S., Gulfport, Miss. Wheeled figure toy. 2,382,091; Aug. 4.

Olsen, Elden H.: *See*—
Lundquist, W. G., and Olson.

Olson, Elmer, Detroit, Mich., assignor to G. M. and E. Holley. Governor. 2,367,606; Jan. 16.

Olson, Elmer, Ferndale, Mich., assignor to G. M. and E. Holley. Spark advance device. 2,384,693; Sept. 11.

Olson, Elmer, Ferndale, Mich., assignor to G. M. and E. Holley. Decelerator. 2,386,340; Oct. 9.

Olson, Elmer, Ferndale, and B. Beard and S. M. Udale, Detroit, Mich., assignors to G. M. and E. Holley. Decelerator. 2,373,319; June 12.

Olson, Elmer, Ferndale, and S. M. Udale, Detroit, Mich., assignors to G. M. and E. Holley. Ignition device. 2,384,692; Sept. 11.

Olson, Frank G., Chicago, Ill. Pneumatic pickup device. 2,384,334; Sept. 4.

Olson, Harry F., Princeton, N. J., assignor to Radio Corporation of America. Acoustic stethoscope. 2,389,868; Nov. 27.

Olson, Harry F., Haddon Heights, N. J., assignor to Radio Corporation of America. Signal translating apparatus. 2,390,847; Dec. 11.

Olson, Holly M., assignor to Sealed Power Corporation, Muskegon, Mich. Ring casting dividing machine. 2,373,907; Apr. 17.

Olson, John, Detroit, Mich. Toggled clamping device. 2,386,567; Oct. 9.

Olson, Malven L.: *See*—
Baker, C. H., and Olson.

Olson, Phillip W., Chicago, Ill. Cylinder lock. 2,375,682; May 8.

Olson, Raymond E., Pittsford, assignor to Taylor Instrument Companies, Rochester, N. Y. Drier control system. 2,366,801; Jan. 9.

Olson, Robert Y. Attleboro, Mass., assignor to Mossberg Pressed Steel Corporation. Section warp beam, spool, or reel. 2,370,066; Feb. 20.

Olson, Robert W.: *See*—
Shook, E. M., and Olson.

Olson, Roy C., Duluth, Minn. Toy. 2,385,724; Sept. 25.

Olson, Theodore A., Pompton Plains, and J. Klopak, Newark, N. J., assignors to General Motors Corporation, Detroit, Mich. Gauging. 2,389,535; Nov. 20.

Olson, Vernon F., Long Beach, Calif. Toilet paper roll holder. 2,382,659; Aug. 14.

Olson, Waldemar N., Brookfield, Ill., assignor to Reynolds Electric Co., Chicago, Ill. Electric circuit. 2,380,865; July 31.

Olson, William M., assignor to N. F. Harnly, Chicago, Ill. Making weatherstrip. 2,367,367; Jan. 16.

Olson, Willie A., Port Angeles, Wash. Cigarette holder. 2,385,227; Sept. 18.

Olsson, Carl, Brooklyn, N. Y., assignor to International Cigar Machinery Company. Cigar machine trimming and knurling mechanism. 2,366,211; Jan. 2.

Olsson, Carl, assignor to The United States Bedding Company, St. Paul, Minn. Tape cutting machine. 2,379,033; June 26.

Olsson, John, Stockholm, and N. E. Lundin, Mölle, Sweden. Device for automatic braking in lowering of objects, such as boat tackles. 2,386,137; Oct. 2.

Olsson, Olov J. E., assignor to Storm Manufacturing Company, Inc., Minneapolis, Minn. Machine for grinding and turning brake drums. 2,367,137; Jan. 9.

Olsson, Olov J. E., assignor to Storm Manufacturing Company, Inc., Minneapolis, Minn. Machine for bending articles. 2,371,464; Mar. 13.

Olsson, Olov J. E., assignor to Storm Manufacturing Company, Inc., Minneapolis, Minn. Work driver. 2,371,465; Mar. 13.

Olsson, Oscar K. J.: *See*—
Vigren, S. D., Broberg, and Olsson.

Olswang, Michael: *See*—
Schulman, H. H., and Olswang.

Olving, Bror G., assignor to McGraw Electric Company, Elgin, Ill. Electric iron. 2,371,257; Mar. 13.

Olving, Bror G., assignor to McGraw Electric Company, Elgin, Ill. Electric toaster. 2,383,673; Aug. 28.

O'Malley, Joseph M., assignor to Morgan Construction Company, Worcester, Mass. Universal coupling. 2,372,289; Mar. 27.

O'Malley, Joseph M., assignor to Morgan Construction Company, Worcester, Mass. Universal coupling. 2,375,030; May 1.

O'Malley, Joseph M., assignor to Morgan Construction Company, Worcester, Mass. Universal coupling. 2,386,630; Oct. 9.

Omansky, Morris, Brookline, Mass., assignor, by mesne assignments, to Jefferson Electric Company, Bellwood, Ill. Insulating electrical apparatus. 2,385,460; Sept. 25.

Omansky, Morris, Brookline, Mass., assignor, by mesne assignments, to Victor Chemical Works, Chicago, Ill. Rubber lubricating and plasticizing composition. 2,388,618; Nov. 6.

Omdalen, Clarence E., Minneapolis, Minn. Milking apparatus. 2,376,717; May 22.

O'Mealey, John W., Larchmont, N. Y. Safety razor. 2,383,882; Aug. 28.

O'Neal, Grady M., Chicago, Ill., assignor to The Sherwin-Williams Company, Cleveland, Ohio. Conditioning phthalocyanine dyestuffs to pigmentary form. 2,367,519; Jan. 16.

O'Neil, Carlton J.: *See*—
Cummins, A. B., and O'Neil.

O'Neil, James H., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Paper container structure and end closure thereor. 2,391,337; Dec. 18.

O'Neil, James V.: *See*—
Chase, P. H., and O'Neil.

O'Neil, William M., Akron, Ohio. Aircraft control. 2,378,242; June 12.

O'Neill, Arthur P., Pontiac, assignor to General Motors Corporation, Detroit, Mich. Safety device. 2,373,332; Apr. 10.

O'Neill, Leo M., Evanston, Ill. Drier and method of drying. 2,369,366; Feb. 13.

O'Neill Patents Limited: *See*—
Kinker, Clarence C., assignor.

Onions, John H.: *See*—
Thornhill, Peter W., assignor.
Thornhill, P. W., and Onions.

Onofrio, Carmeno A., assignor of one-half to R. Orino, Gorham, N. H., and one-eighth to J. Orino, Rumford, Maine. Material loading device. 2,388,436; Oct. 6.

Onos, Abraham, Hawthorne, N. J. Mailbox. 2,382,092; Aug. 14.

Onsrud Machine Works, Inc.: *See*—
Groen, Willem, assignor.
Onsrud, Rudolph F., assignor.

Onsrud, Rudolph F., assignor to Onsrud Machine Works, Inc., Chicago, Ill. Centrifugal thrust loader. 2,379,099; June 26.

Ontario Manufacturing Company: *See*—
Moon, Charles R., assignor.

Opel, Lawrence G.: *See*—
Harding, W. R., and Opel.

Operadio Manufacturing Co.: *See*—
Lucas, Mildred F., assignor.

Opferman, Laurene P.: *See*—
Fox, S. H., and Opferman.

Opgenorth, John E., Oakland, Calif. Electrode holder. 2,372,113; Mar. 20.

Opitz, William H., Palos Heights, Ill., assignor to General Motors Corporation, Detroit, Mich. Flexible coupling. 2,380,672; July 31.

Oplinger, Kirk A., Verona, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit-controlling apparatus. 2,390,809; Dec. 11.

Opp, Carl, Cincinnati, Ohio, assignor to Interchemical Corporation, New York, N. Y. Resin plasticizer. 2,385,377; Sept. 25.

Oppenauer, Rupert, Amsterdam, Netherlands; vested in the Alien Property Custodian. Oxidising unsaturated polycyclic alcohols. 2,384,335; Sept. 4.

Oppenheimer, Heinz E., Great Neck, N. Y. Indexing means. 2,369,173; Feb. 13.

Oppermann, Kurt W., Riverhead, N. Y., assignor to Radio Corporation of America. Electrostatic device. 2,373,140; Apr. 10.

Oquendo, Aiberto C.: *See*—
Diaz, Manuel D., assignor.
Diaz y Diaz, Manuel, assignor.

Orban, Jane L., administratrix: *See*—
Lipton, Sarah.

Orchard Paper Company: *See*—
Paull, Theodore C., assignor.

Orchin, Milton, Pittsburgh, Pa., and L. W. Butz, Beltsville, Md., assignors to United States of America as represented by Claude R. Wickard, Secretary of Agriculture, and his successors in office. Composition of matter. 2,379,494; July 3.

Ording, Dagbert, and L. S. Valley, Houston, Tex. Tower. 2,374,889; May 1.

Ordnance Instrument Corporation: *See*—
Grier, John A., assignor.

Orefraction Incorporated: *See*—
Wiegand, Edwin L., assignor.

O'Reilley, Josephine, Kingston, N. Y. Sleeping bag and jacket. 2,376,617; May 22.

O'Reilly, James T.: *See*—
Richards, A. B., and Mickey, and O'Reilly.
Richards, A. B., and O'Reilly.

O'Reilly, Joe, Tacoma, Wash. Welder's helmet. 2,384,765; Sept. 11.

O'Reilly, John J.: *See*—
Gilbreath, Frederick E., assignor.

Orelind, John R.: *See*—
Johnson, A. E. W., Orelind, and Smith.

Orelined, John R., Wilmette, Ill., assignor to International Harvester Company. Tractor-mounted implement. 2,371,839; Mar. 20.

Orelind, John R., Wilmette, and A. G. Evans, Canton, Ill., assignors to International Harvester Company. Agricultural implement. 2,368,156; Jan. 30.

Orelup, John W., Short Hills, N. J. Fatty acid esters having amphoteric properties. 2,388,281; Nov. 6.

Orem, Henry P.: *See*—
King, V. L., and Orem.

Orendorff, John W., Canton, Ill., assignor to International Harvester Company. Vegetable cart and loader. 2,383,412; Aug. 21.

Orendorff, John W., Canton, Ill., assignor to International Harvester Company. Planter. 2,383,413; Aug. 21.

Originalities, et al.: *See*—
Pitar, Adolph, assignor.

Orino, John, et al.: *See*—
Onofrio, Carmeno A., assignor.

Orkfritz, Albert C., Los Angelca, Calif. Electric broiling device. 2,374,302; Apr. 24.

Orlando, Jeano: *See*—
Trittin, J. C., and Orlando.

Orlen, F. Goudy: *See*—
Hughes, Hugh T., assignor.

Orlich, Peter, and H. Hartz, Kiel, Germany; vested in the Alien Property Custodian. Echo-sounding device with arrested indicators. 2,384,766; Sept. 11.

Orloff, Angel, Chicago, Ill. Gasoline turbine. 2,386,497; Oct. 9.

Orloff, George H., Roselle, N. J. Method of disassembly. 2,373,141; Apr. 10.

Orme, Grant L., C. R. Jones, and A. L. Fletcher, Eugene, Oreg. Rigging hook. 2,387,675; Oct. 23.

Ormerod, George A., assignor of three-fourths to A. Smith, G. H. Robinson, and D. M. Robinson, Liverpool, England. Gas meter. 2,367,735; Jan. 23.

Ornstein, Georg, New York, N. Y. Apparatus for supplying a treating medium. 2,376,178; May 15.

Ornstein, Georg, New York, N. Y. Apparatus for applying treating mediums. 2,387,406; Oct. 23.

Oroshnik, William: *See*—
Tlaza, E. T., Duesel, and Oroshnik.

Orphan, George, Ottawa, Ill. Stoker signal. 2,376,079; May 15.

Orr, Claude L., H. A. Moeller, and J. C. Settles, assignors to The Buckeye Steel Castings Company, Columbus, Ohio. Railway truck and railway braking system. 2,371,182; Mar. 13.

Orr, Claude L., and H. W. Stertzbach, assignors to The Buckeye Steel Castings Company, Columbus, Ohio. Support for brake rigging. 2,384,129; Sept. 4.

Orr, Palmer, Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Multiengine drive. 2,366,646; Jan. 2.

Orr, Palmer, Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Transmission control. 2,368,868; Feb. 6.

Orr, Palmer, Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Power transmission mechanism. 2,369,976; Feb. 20.

Orr, Palmer, Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Transmission. 2,372,733; Apr. 3.

Orr, Palmer, Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Transmission. 2,372,734; Apr. 3.

Orr, Palmer, Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Transmission. 2,375,031; May 1.

Orr, Palmer, Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Transmission. 2,375,816; May 15.

Orr, Palmer, Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Multiple clutch assembly. 2,382,438; Aug. 14.

Orr, Robert St., J., San Francisco, Calif. Backfire torch. 2,376,976; May 29.

Orr, Thomas F., St. Louis, Mo., and L. S. Curtin, Belmont, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J. Shoe sewing machine and thread controlling device. 2,384,488; Sept. 11.

Orr, Willis P., Houston, Tex., assignor to Standard Oil Development Company. Side wall sample taking apparatus. 2,389,208; Nov. 20.

Orrill, George R.: *See*—
Eustis, W., and Orrill.

Orrington, Floyd T., assignor of one-half to P. Shaiman Chicago, Ill. Air-cooled smoking pipe. 2,373,592; Apr. 10.

Orser, William D.: *See*—
Eagle, J. H., Dirksen, and Orser.

Orshansky, Elias, Jr., Cleveland Heights, assignor to The Acrotorque Company, Cleveland, Ohio. Booster unit. 2,376,804; May 22.

Orshansky, Elias, Jr., Cleveland Heights, assignor to The Acrotorque Company, Cleveland, Ohio. Steering control mechanism for vehicles. 2,391,735; Dec. 25.

Orsino, Joseph A.: *See*—
Williams, F. J., and Orsino.

Orsino, Joseph A., Westfield, N. J., and C. Harmon, Wausau, Wis.; said Orsino assignor to National Lead Company, New York, N. Y., and said Harmon assignor to Marathon Corporation. Lignin sulphonic acid compounds in storage battery plates. 2,371,137; Mar. 13.

Orskog, Michael, Elmwood Park, Ill. Saw filing device. 2,383,151; Aug. 21.

Orthner, Ludwig, W. Luce, and G. Wagner, Frankfort-on-the-Main, Germany; vested in the Alien Property Custodian. Imine condensation process. 2,390,165; Dec. 4.

Ortho Products, Inc.: *See*—
Dawson, Fred ., assignor.

Ortner, Gerald S.: *See*—
Lepsoe, R., Ortner, and Salter.

Ortner, Joseph L.: *See*—
Prentice, Allan L., assignor.

Ortolano, Frank T., New Orleans, La., assignor to Rheem Manufacturing Company, Richmond, Calif. Printing process. 2,368,157; Jan. 30.

Orton, Edward, Jr., Ceramic Foundation, The: *See*—
Bole, G. A., Shaw, and Co Van, assignors.

Osann, Frederick, et al.: *See*—
Albertson, Benjamin S., Jr., assignor.

Osbon, William O.: *See*—
Hanna, C. R., and Osbon.

Osborn, Alden E., Mount Vernon, N. Y. Internal-combustion engine. 2,383,883; Aug. 28.

Osborn, Alden E., Mount Vernon, N. Y. Airplane control mechanism. 2,386,709; Oct. 9.

Osborn, Charles L., Cheyenne, Wyo. Windshield wiper. 2,367,307; Jan. 16.

Osborn, George E., Spokane, Wash. Crutch. 2,373,045; Apr. 3.

Osborn, Henry C. Jr., Cleveland Heights, assignor to Glascote Products, Inc., Cleveland, Ohio. Pressure relief valve. 2,373,046; Apr. 3.

Osborn Manufacturing Company, The: *See*—
Peterson, Ruben O., assignor.

Osborn, Ralph C.: *See*—
Gerber, D. C., and Osborn.

Osborn, Ralph C., assignor to The Hoover Company, North Canton, Ohio. Refrigeration. 2,366,550; Jan. 2.

Osborn, Ralph C., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,379,316; June 26.

Osborne, Alfred, Pittsburgh, Pa. Sheet metal lagging tool. 2,380,781; July 31.

Osborne, Andrew G., New Kensington, and T. M. Hill, Arnold, assignors to Aluminum Company of America, Pittsburgh, Pa. Coated foil closure. 2,373,847; Apr. 17.

Osborne, Clare A., Toronto, Ontario, Canada. Manufacture of a pigment paste from the water pulp color. 2,378,786; June 19.

Osborne, Fred H.: *See*—
Hayslett, L. E., and Osborne.
Von Stoeser, W., and Osborne.

Osborne, Lester C., Fall River, Mass., and F. E. Hoffman, New York, N. Y. Mophead. 2,368,037; Jan. 23.

Osborne, Raymond S., Sewickley, Pa. Riveting apparatus. 2,377,032; May 29.

Osborn, Robert H., assignor to Hercules Powder Company, Wilmington, Del. Color grading apparatus and method. 2,382,439; Aug. 14.

Osborne, Sidney G., St. Davids, Ontario, Canada, assignor to Hooker Electrochemical Company, Niagara Falls, N. Y. Production of sodium bicarbonate. 2,383,674; Aug. 28.

Osborne, William B., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Transmission control. 2,374,303; Apr. 24.

Oscar, George R.: *See*—
Austin, J. R., Smith, and Oscar.

Osgood, Charles F., Jr.: *See*—
Watt, B. L., and Osgood.

Osgood, Charles F., Claremont, N. H., assignor to Sullivan Machinery Company. Cutter chain. 2,387,285; Oct. 23.

Osgood Company, The: *See*—
McLean, L. O., and White, assignors.
White, Fred L., assignor.

Osgood, Harry W., Jr., Westbrook, Maine, assignor to S. D. Warren Company, Boston, Mass. Conditioning and finishing absorbent webs. 2,370,811; Mar. 6.

Osgood, Walter P., Malden, assignor to Boston Machine Works Company, Lynn, Mass. Pressing machine for ends of boxes and covers. 2,381,364; Aug. 7.

Osgood, Walter P., Malden, assignor to Boston Machine Works Company, Lynn, Mass. Method of and apparatus for coating strips. 2,388,494; Nov. 6.

O'Shei, William E., London, England. Fluid pressure motor. 2,378,320; June 12.

Oskow, Louis, New York, N. Y. Peeling device. 2,375,489; May 8.

Oskow, Louis, New York, N. Y. Garment hanger. 2,378,578; June 19.

Osplack, Joseph J., assignor to Vinco Corporation, Detroit, Mich. Indexing fixture for machine tools. 2,386,880; Oct. 16.
Osteen, Richard T., Greenville, S. C., assignor to Walker Manufacturing Company, Incorporated, Philadelphia, Pa. Heddle frame support. 2,383,271; Aug. 21.
Osterberg, Harold, assignor to Spencer Lens Company, Buffalo, N. Y. Decreasing light reflection from surfaces. 2,366,687; Jan. 2.
Ostergaard, Povl, Mount Lebanon, assignor to Gulf Oil Corporation, Pittsburgh, Pa. Apparatus for continuous conversion of hydrocarbons. 2,388,642; Nov. 6.
Ostergren, Ralph H., Los Angeles, assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Strain gauge and producing it. 2,386,879; Oct. 16.
Osterheld, Clark M., Stoughton, Wis., assignor to McGraw Electric Company, Elgin, Ill. Electric tank heater. 2,367,368; Jan. 16.
Osterheld, Clark M., Stoughton, Wis., assignor to McGraw Electric Company, Elgin, Ill. Electric tank heater. 2,367,369; Jan. 16.
Osterheld, Clark M., Stoughton, Wis., assignor to McGraw Electric Company, Elgin, Ill. Water heater control system. 2,367,370; Jan. 16.
Osterheld, Clark M., Stoughton, Wis., assignor to McGraw Electric Company, Elgin, Ill. Encased electric heating unit and making same. 2,368,771; Feb. 6.
Osterheld, Clark M., Stoughton, Wis., assignor to McGraw Electric Company, Elgin, Ill. Electric tank heater. 2,368,772; Feb. 6.
Osterheld, Clark M., Stoughton, Wis., assignor to McGraw Electric Company, Elgin, Ill. Water heater control system. 2,368,773; Feb. 6.
Osterheld, Clark M., Stoughton, Wis., assignor to McGraw Electric Company, Elgin, Ill. Water heater control system. 2,368,774; Feb. 6.
Osterheld, Clark M., Stoughton, Wis., assignor to McGraw Electric Company, Elgin, Ill. Water heater control system. 2,368,869; Feb. 6.
Osterheld, Clark M., Stoughton, Wis., assignor to McGraw Electric Company, Elgin, Ill. Water heater control system and thermal retarder therefor. 2,371,258; Mar. 13.
Osterheld, Clark M., Stoughton, Wis., assignor to McGraw Electric Company, Elgin, Ill. Water heater control system with thermal retarder. 2,373,196; Apr. 10.
Osterheld, Clark M., Stoughton, Wis., assignor to McGraw Electric Company, Elgin, Ill. Water heater control system and thermal retarder therefor. 2,375,379; May 8.
Osterheld, Clark M., Stoughton, Wis., assignor to McGraw Electric Company, Elgin, Ill. Water heater control system. 2,375,380; May 8.
Osterheld, Clark M., Stoughton, Wis., assignor to McGraw Electric Company, Elgin, Ill. Water heater system. 2,377,440; June 5.
Osterheld, Clark M., Stoughton, Wis., assignor to McGraw Electric Company, Elgin, Ill. Water heater control system. 2,377,441; June 5.
Osterheld, Clark M., Stoughton, Wis., assignor to McGraw Electric Company, Elgin, Ill. Water heater control system. 2,382,575; Aug. 14.
Osterheld, Clark M., Stoughton, Wis., assignor to McGraw Electric Co., Elgin, Ill. Snap-acting switch. 2,383,414; Aug. 21.
Osterheld, Clark M., Stoughton, Wis., assignor to McGraw Electric Company, Elgin, Ill. Water heater control system. 2,383,675; Aug. 28.
Osterheld, Clark M., Stoughton, Wis., assignor to McGraw Electric Company, Elgin, Ill. Water heater control system. 2,387,175; Oct. 16.
Osterheld, Clark M., Stoughton, Wis., assignor to McGraw Electric Company, Elgin, Ill. Water heater control system. 2,387,176; Oct. 16.
Osterheld, Clark M., Stoughton, Wis., assignor to McGraw Electric Company, Elgin, Ill. Water heater control system. 2,387,177; Oct. 16.
Osterheld, Clark M., Stoughton, Wis., assignor to McGraw Electric Company, Elgin, Ill. Tank heater control system. 2,387,178; Oct. 16.
Osterheld, Clark M., Stoughton, Wis., assignor to McGraw Electric Company, Elgin, Ill. Water heater control system. 2,387,179; Oct. 16.
Osterheld, Clark M., Stoughton, Wis., assignor to McGraw Electric Company, Elgin, Ill. Electric tank heater control system. 2,387,180; Oct. 16.
Osterheld, Clark M., Stoughton, Wis., assignor to McGraw Electric Company, Elgin, Ill. Thermal retarder switch unit. 2,388,564; Nov. 6.
Osterhof, Arthur L., Newark, assignor to Hercules Powder Company, Wilmington, Del. Tall oil component separation. 2,372,446; Mar. 27.
Osterhof, Harold J.: *See*—
Borders, A. M., Wolfe, Osterhof, and Walton.
Cheyney, La V. E., and Osterhof.
Osterhof, Harold J., Cuyahoga Falls, assignor to Wingfoot Corporation, Akron, Ohio. Stabilized cyclized rubber. 2,381,180; Aug. 7.
Osterhof, Harold J., Cuyahoga Falls, and La V. E. Cheyney, assignors to Wingfoot Corporation, Akron, Ohio. Package. 2,385,531; Sept. 25.
Osterhoit, August M., Hoboken, N. J. Whistle. 2,388,495; Nov. 6.
Osterhoudt, Walter J., Houston, Tex. Vessel for submarine navigation. 2,377,442; June 5.
Ostline, John E., Chicago, Ill., assignor to Automatic Electric Laboratories, Inc. Telephone system. 2,366,647; Jan. 2.
Ostline, John E., Chicago, Ill., assignor to Automatic Electric Laboratories, Inc. Telephone system. 2,369,071; Feb. 6.
Ostline, John E., Chicago, Ill., assignor to Automatic Electric Laboratories, Inc. Telephone system. 2,373,908; Apr. 17.
Ostline, John E., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Printing business machine. 2,376,268; May 15.
Ostline, John E., Chicago, Ill., assignor to Automatic Electric Laboratories, Inc. Telephone system. 2,385,228; Sept. 18.
Ostling, Felix, Bristol, Tenn., assignor to Universal Moulded Products Corporation, Bristol, Va. Work-holding clamp 2,366,350; Jan. 2.
Ostrander, Clarence L., Miami, assignor of one-half to T. Trent, County of Dade, Fla. Closure hinge and operating device. 2,373,197; Apr. 10.
Ostrander, Dezell, New London, Conn. Hair curler. 2,369,752; Feb. 20.
Ostrander, Dezell, New London, Conn. General purpose implement. 2,370,414; Feb. 27.
Ostrander, Robert K., South Orange, N. J. Collapsible tube. 2,386,498; Oct. 9.
Ostrom, Martin, assignor to National Lock Company, Rockford, Ill. Latch. 2,380,543; July 31.
Oswald, Elmer C., and B. G. Lewis, assignors to Armour and Company, Chicago, Ill. Hams and preparation thereof. 2,391,338; Dec. 18.
Oswald, Joseph H., South Euclid, Ohio, assignor to W. J. Dennis & Company, Chicago, Ill. Panel structure and elements thereof. 2,372,792; Apr. 3.
Oswego Falls Corporation: *See*—
Price, J. E., and Wilcox, assignors.
Wilcox, I. L., and Horning, assignors.
Otis, Albert N., Schenectady, and G. W. Hegel, Scotia, N. Y., assignors to General Electric Company. Heat-treating furnace. 2,372,513; Mar. 27.
Otis, Carl W., Rockville Center, N. Y. Ornamental illuminating device. 2,383,941; Sept. 4.
Otis Elevator Company: *See*—
Lautrup, G. W., and Larson, assignors.
Lewis, Jacob D., assignor.
Lindquist, D. L., and Lewis, assignors.
Tilton, Russell G., assignor.
Otis, Herbert C.: *See*—
Laird, H. C., and Otis.
Otis, Herbert C., Dallas, Tex., Well device. 2,371,840; Mar. 20.
Otis, Herbert C., and J. C. Luccous, Dallas, Tex.; said Luccous assignor to said Otis. Well packer and apparatus for producing wells. 2,384,192; Sept. 4.
O'Toole, Francis D., Baltimore, Md. Automobile alarm. 2,369,977; Feb. 20.
O'Toole, Richard F., Scarsdale, and A. C. Parlini, Freeport, N. Y. Roasting coffee. 2,389,577; Nov. 20.
Ott, Conrad L., Detroit, Mich., assignor to Landis Tool Company, Waynesboro, Pa. Clamping fixture. 2,384,391; Sept. 4.
Ott, Emil, assignor to Hercules Powder Company, Wilmington, Del. Terpene resins. 2,373,706; Apr. 17.
Ott, Emil, assignor to Hercules Powder Company, Wilmington, Del. Tall oil components separation. 2,389,986; July 10.
Ott, Ernest L.: *See*—
DeWitt, W. J., Ott, and Runk.
Ott, Herman S., Rosemead, and P. W. Coombs, Los Angeles, Calif. Annunciator system. 2,389,323; Nov. 20.
Ott, Howard F.: *See*—
Williams, F. C., Hanson, and Ott.
Ottinger, Leon: *See*—
Gage, Edward G., assignor.
Ottmer, Frederick W., Union City, N. J. Riveter's hand pad. 2,388,437; Nov. 6.
Otto, Carl, Manhasset, assignor to Fuel Refining Corporation, New York, N. Y. Regenerative coke oven. 2,376,718; May 22.
Otto, Carl, Manhasset, assignor to Fuel Refining Corporation, New York, N. Y. Coking expanding coal. 2,382,809; Aug. 14.
Otto, Carl, Manhasset, assignor to Fuel Refining Corporation, New York, N. Y. Charging coke ovens. 2,382,810; Aug. 14.
Otto, Carl, Manhasset, assignor to Fuel Refining Corporation, New York, N. Y. Underfired coke oven fuel supply means. 2,388,438; Nov. 6.
Otto, Ferdinand P.: *See*—
Moran, R. C., Meyer, Otto, and Oberright.
Otto, Ferdinand P., and R. E. Meyer, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Mineral oil composition. 2,383,497; Aug. 28.
Otto, Ferdinand P., and R. E. Meyer, Woodbury, and R. C. Moran, Wenonah, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Mineral Oil Composition. 2,383,498; Aug. 28.
Otto, Ferdinand P., and O. M. Reiff, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Hard resins. 2,387,037; Oct. 16.

Otto, Ferdinand P., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Sulphurized cardanol ethers. 2,387,286; Oct. 23.
Otto, Harold M., Schenectady, N. Y., assignor to General Electric Company. Centrifugal type speed governing mechanism. 2,388,282; Nov. 6.
Otto, Joe J., Seattle, Wash. Portable hand-operated cutting device. 2,382,021; Aug. 14.
Ottoson, Carl C.: *See*—
Plumeau, J. S., and Ottoson.
Ottmann, Edward, Roselle Park, N. J. Tank. 2,378,945; June 26.
Oulsnam, Clarence E.: *See*—
Walker, G. D., Oulsnam, and Krysa.
Outboard Marine & Manufacturing Company: *See*—
Ames, Arthur D., assignor.
Furry, John F., assignor.
Sidell, P. A., and Wellman, assignors.
Ovalle, Eduardo, Santiago, Chile. Tire for car wheels. 2,376,179; May 15.
Overall, E. C.: *See*—
Spivey, Frank L., assignor.
Overbeke, John W., assignor to Simmonds Aerocessories, Inc., New York, N. Y. Bladder stiffener. 2,380,866; July 31.
Overbeke, John W., assignor to Simmonds Aerocessories, Inc., New York, N. Y. Pressure vessel. 2,390,319; Dec. 4.
Overbeke, John W., assignor to Simmonds Aerocessories, Inc., New York, N. Y. Pressure vessel. 2,390,320; Dec. 4.
Overbey, Herman T., assignor of one-third to J. F. Martin and one-third to H. P. Taylor, Wadesboro, N. C. Stop motion for textile machines. 2,381,683; Aug. 7.
Overbey, Herman T., Wadesboro, N. C. Stop motion for textile machines. 2,381,684; Aug. 7.
Overland Candy Corporation: *See*—
Angell, Elvin D., assignor.
Overland, Leo D., assignor to Ice Cream Novelties, Inc., Brooklyn, N. Y. Stick holder. 2,377,364; June 5.
Overly Bio-Chemical Research Foundation, Inc., The: *See*—
Wallerstein, J. S., Alba, and Farber, assignors.
Overly, Charles F., East Cleveland, Ohio. Rotary power tool. 2,375,490; May 8.
Overly, Charles F., East Cleveland, Ohio. Rotary shaft coupling. 2,381,770; Aug. 7.
Overly, Elmer G., Oakmont, Pa. Rotary printing machine. 2,369,404; Feb. 13.
Overmyer, George J., Tulsa, Okla. Mail box. 2,370,682; Mar. 6.
Overson, Reed: *See*—
Holcomb, C. S., and Overson.
Overstrom, Gustave A., Los Angeles, Calif. Head motion for reciprocating conveying motions. 2,366,980; Jan. 9.
Overton, Glen, Dowagiac, Mich., assignor to Louisville Drying Machinery Company. Apparatus for dehydrating. 2,376,502; May 22.
Overton, Willis E., Baltimore, Md. Illuminated dial. 2,381,924; Aug. 14.
Ovitz, Frank K.: *See*—
Proell, W. A., and Ovitz.
Owen, David T., Cleveland Heights, assignor to H. G. Dimick, Cuyahoga Falls, Ohio. Spring unit for upholstered furniture, mattresses and cushions. 2,375,817; May 15.
Owen, Frank M., Houston, Tex. Oil burner. 2,369,367; Feb. 13.
Owen, James R., Bartlesville, Okla., assignor to Phillips Petroleum Company. Supported catalysts and preparing same. 2,386,499; Oct. 9.
Owen, Nasser D., Albuquerque, N. Mex. Oil dilution system. 2,373,142; Apr. 10.
Owen, Robert G., Sherman Oaks, assignor to R. H. Clark, West Los Angeles, Calif. Receptacle. 2,389,385; Nov. 20.
Owen, W. Myron, et al.: *See*—
Wright, Marcus G., assignor.
Owen, William, Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Weighing and sorting apparatus. 2,368,321; Jan. 30.
Owen, William, Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegnehy County, Pa. Apparatus for bending glass. 2,370,575; Feb. 27.
Owen, William, Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Double-acting glass cutter. 2,377,098; May 29.
Owen, William, Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Demountable cutter unit. 2,377,099; May 29.
Owen, Wm. Walter, executor: *See*—
Willis, Bernard D.
Owens, Calvin A., Los Angeles, Calif. Treatment of hydraulic cement compositions. 2,374,562; Apr. 24.
Owens-Corning Fiberglas Corporation: *See*—
Collins, Howard W., assignor.
Fletcher, Ed, assignor.
Fletcher, E., and Leedy, assignors.
Irvine, Jan S., and Clark, assignors.
Kleist, Dale, assignor.
Meyer, W. E., and (Roberts, assignor).
Modigliani, Piero, assignor.
Slayter, G., and Snow, assignors.
Slayter, James, assignor.
Staelin, Carl G., assignor.
Owens, Freeman H., New York, N. Y. Film magazine. 2,384,637; Sept. 11.
Owens, Freeman H., New York, N. Y. Program preselecting and control apparatus. 2,385,840; Oct. 2.
Owens, Grafton R., Dayton, Ohio, assignor to Monsanto Chemical Company. Preparation of pentaerythritol. 2,372,602; Mar. 27.
Owens-Illinois Glass Company: *See*—
Allen, Russell G., assignor.
Barnaby, H. A. and Hohl assignors.
Belada, John, assignor.
Belada, J., and Hullhorst, assignors.
Benoit, Joseph P., assignor.
Chew, C., and Levis.
Fedorchak, William J., assignor.
Hohl, John, assignor.
Hohl, J., and Bjering, assignors.
Jackson, A. S., and Summers, assignors.
Louden, H. M., and McCreery, assignors.
Schellhaus, John P., Jr., assignor.
Schutz, Harold R., assignor.
Tracy, Parker C., assignor.
Wensel, P., Whisner, and Rugh, assignors.
Wright, J. W., assignor.
Owens, James H., Camden, N. J., assignor to Radio Corporation of America. Reflector. 2,387,038; Oct. 16.
Owens, Jesse C., Los Angeles, Calif. Toilet tank outlet fitting and elbow. 2,372,848; Apr. 3.
Owens, Jesse C., Los Angeles, Calif. Antisiphon ball cock valve. 2,382,500; Aug. 14.
Owens, Joseph W., Schenectady, N. Y., assignor to General Electric Company. Housing for electric apparatus. 2,380,782; July 31.
Owens, Owen L., Minneapolis, Minn. Wagon dump. 2,373,848; Apr. 17.
Owings, Charles E., Cleveland, Ohio, assignor to General Electric Company. Mercury feeding apparatus. 2,374,304; Apr. 24.
Owner, Frank M.: *See*—
Feeden, A. H. R., Owner, Thomas, and Mansell.
Oxford-Tartak Radio Corporation: *See*—
Rusz, Leo M., assignor.
Oxhandler, Samuel: *See*—
Voight, H. G., and Oxhandler.
Oxhandler, Samuel, Flushing, N. Y., assignor to Sargent & Company, New Haven, Conn. Adjustable cylinder lock mechanism. 2,381,136; Aug. 7.
Oxhandler, Samuel, Flushing, N. Y., assignor to Sargent & Company, New Haven, Conn. Lock for airplane doors or the like. 2,381,512; Aug. 7.
Oxhandler, Samuel, Flushing, N. Y., assignor to Sargent & Company, New Haven, Conn. Airplane door lock. 2,390,731; Dec. 11.
Oxhandler, Samuel, Flushing, N. Y., assignor to Sargent & Company, New Haven, Conn. Screen door latch. 2,391,736; Dec. 25.
Oxley, Peter: *See*—
Short, W. F., and Oxley.
Oxley, Thomas A., and F. Y. Henderson, Slough, England. Apparatus for sorting granular material according to its moisture content. 2,382,168; Aug. 14.
Oxygen Arc Equipment Co., Inc.: *See*—
Barbeck, Peter, assignor.
Oxzyn Company: *See*—
Peña, Rafael J., assignor.
Valentine, J. E., and Peña, assignors.
Oyler, Grace E., et al.: *See*—
Hoobler, Ernest S., assignor.
Oyler, Herbert J., Dallas, Tex., assignor to J. P. Seeburg Corporation, Chicago, Ill. Remote control for selective automatic phonographs. 2,378,653; June 19.
Oyler, Herbert J., Dallas, Tex., assignor to J. P. Seeburg Corporation, Chicago, Ill. Impulse transmitter. 2,382,501; Aug. 14.
Oyler, Russell J., et al.: *See*—
Hoobler, Ernest S., assignor.
Oyler, Ruth, et al.: *See*—
Hoobler, Ernest S., assignor.
Oyler, William E., et al.: *See*—
Hoobler, Ernest S., assignor.
Oslek, Herman, Philadelphia, Pa. Joint for poles and the like. 2,389,811; Nov. 27.
Ozol, Rudolph J.: *See*—
Patterson, J. A., and Ozol.
P. I. V. Chain Gears Limited: *See*—
Abbott, Geoffrey J., assignor.
Paasche, Jens A., Chicago, Ill. Air brush. 2,370,486; Feb. 27.
Pabst, Arthur C.: *See*—
Shipp, V. L., Pabst, and Killingsworth.
Pabst, Arthur C., Douglaston, Long Island, N. Y., assignor to Socony-Vacuum Oil Company, Incorporated. Leak sealing compound. 2,391,737; Dec. 25.
Pabst, Edwin L., Cincinnati, Ohio, assignor to Spring-Air Company, Holland, Mich. Mattress or the like. 2,373,047; Apr. 3.
Pabst, Walter W., Elizabeth, N. J. Conveyer mechanism. 2,390,895; Dec. 11.
Pace, John B.: *See*—
Parton, J. A., and Pace.
Pacific Can Company: *See*—
Bourland, Ell, assignor.
Peterson, William B., Jr., assignor.
Pacific Car and Foundry Company: *See*—
Chriswell, Frederick W., assignor.

Pacific Clay Products: *See*—
Pearne, F. Y., and Rossier, assignors.
Pacific Clay Products Company: *See*—
Benning, Wilbert O., assignor.
Pacific Coast Mortgage Company, et al.: *See*—
Shaffer, Cleve F., assignor.
Pacific Cooperative Poultry Producers: *See*—
Buckley, E. T., and Richmond, assignors.
Pacific Electric Manufacturing Corporation: *See*—
Foulds, Charles V., assignor.
Garrison, Charles L., assignor.
Gibbons, Richard F., assignor.
Pacific Flush Tank Company: *See*—
Beddoes, Hubert, assignor.
Langdon, Lawrence E., assignor.
Pacific Guano and Fertilizer Company, The: *See*—
Payne, John H., assignor.
Pacific Machinery Company: *See*—
Jepson, Percy, assignor.
Thompson, Albert R., assignor.
Pacific Mills: *See*—
Barnard, K. K., and Frankfurt, assignors.
Cobb, Frederick G., assignor.
Lambert, Harry, assignor.
Pacific National Bank of Seattle, The, executor: *See*—
Allen, Edmund T.
Pacific Olive Company: *See*—
Ball, Mildred S., assignor.
Package Machinery Company: *See*—
Smith, E. L., and Wetsel, assignors.
Smith, Elmer L., and Wetsel, assignors.
Packard Motor Car Company: *See*—
Bogardus, Leonard R., assignor.
Beltz, Lester L., assignor.
De Beaumont, Pierre S., assignor.
Findlater, Jack H., assignor.
Graves, William H., assignor.
Griswold, Walter R., assignor.
Hurley, Patrick J., assignor.
James, Edmond J. P., assignor.
McFarland, Forest R., assignor.
Paton, Clyde R., assignor.
Taylor, Ross E., assignor.
Vande Bunte, Donald L., assignor.
Vincent, Jesse G., assignor.
Warwick, Charles W., assignor.
Weiss, Erwin A., assignor.
Packer, Charles S., and Le R. O. Brown, assignors to Justrite Manufacturing Company, Chicago, Ill. Flashlight. 2,385,639; Sept. 25.
Packer, Charles S., Chicago, and M. R. Olsen, Glen Ellyn, assignors to Justrite Manufacturing Company, Chicago, Ill. Pen flashlight. 2,385,640; Sept. 25.
Packer, Oscar W., Reading, assignor to The Sanborn Company, Cambridge, Mass. Shaft aligning apparatus. 2,380,867; July 31.
Packer, Oscar W., Reading, assignor to The Sanborn Company, Cambridge, Mass. Polar coordinate oscilloscope. 2,389,995; Nov. 27.
Packie, John W., Green Village, and R. E. Bittner, Phillipsburg, N. J., assignors to Standard Oil Development Company. Apparatus for manufacture of high melting point bitumen. 2,366,551; Jan. 2.
Packie, John W., Green Village, and L. S. Gibbs, Cranford, N. J., assignors to Standard Oil Development Company. Fractionating apparatus. 2,374,950; May 1.
Packless Metal Products Corporation: *See*—
Guarnaschelli, Stephen, assignor.
Packwood, Hexa H., Reserve, La. Grass catching apparatus. 2,390,321; Dec. 4.
Pacou, Eugene, and J. W. Mullen, II, Princeton, N. J., assignors to Research Corporation, New York, N. Y. Preparing starch derivatives. 2,372,337; Mar. 27.
Paddle, Leslie H., Saint Paul's Cray, and B. Drake, Bromley, England. Frequency converter. 2,366,981; Jan. 9.
Paddock, Levi S.: *See*—
Eshbaugh, C. H., Mitchell, and Paddock.
Paddock, Ormond H., Rossford, assignor to to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Multiple glazing unit and mounting therefor. 2,378,031; June 12.
Paddock, Ormond H., Rossford, and J. L. Drake, assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Apparatus for tempering glass. 2,369,368; Feb. 13.
Paden, Joseph H.: *See*—
Caldwell, W. F., Swain, and Paden.
Swain, R. C., and Paden.
Padanello, Salvatore, Brooklyn, N. Y. Eye mounting for dolls. 2,378,787; June 19.
Page, Albert E., assignor to Scott & Williams, Incorporated, Laconia, N. H. Terry reinforcement and making the same. 2,375,683; May 8.
Page, Albert E., assignor to Scott & Williams, Incorporated, Laconia, N. H. Knitting. 2,383,986; Sept. 4.
Page, Albert E., assignor to Scott & Williams, Incorporated, Laconia, N. H. Knitted fabric. 2,384,392; Sept. 4.
Page, Albert E. and F. R., Laconia, assignors to Scott & Williams, Incorporated, Belknap, N. H. Knit fabric and making same. 2,387,768; Oct. 30.
Page, Albert E. and F. R., assignors to Scott & Williams, Incorporated, Laconia, N. H. Circular knitting machine and operating same. 2,387,769; Oct. 30.
Page, Charles L., Philadelphia, Pa. Sinker. 2,378,946; June 26.
Page, Charles L., Philadelphia, Pa. Knitting. 2,378,947; June 26.
Page, Ernest, Upminster, England, assignor to Ford Motor Company, Dearborn, Mich. Apparatus for facilitating the transport of aircraft. 2,391,503; Dec. 25.
Page, Ernest V., Portsmouth, N. H., assignor of one-half to H. V. Flanders, North Weare, N. H. Deep hole indicating appliance. 2,383,272; Aug. 21.
Page, Frank R.: *See*—
Page, Albert E. and F. R.
Page, Frank R., assignor to Scott & Williams, Incorporated, Laconia, N. H. Stocking and knitting the same. 2,375,684; May 8.
Page, Frank R., assignor to Scott & Williams, Incorporated, Laconia, N. H. Knitting machine. 2,389,209; Nov. 20.
Page, George A., Jr., Creve Coeur, J. Jerger and R. Rugge, Ferguson, and P. R. Waton, Webster Groves, Mo., assignors to Curtiss-Wright Corporation. Combustion heater. 2,388,364; Nov. 6.
Page, Herbert E.: *See*—
Aaron, Harry, assignor.
Page, Herbert E., Pasadena, Calif. Hydraulic pressure-applying device. 2,386,568; Oct. 9.
Page, Herbert E., Pasadena, Calif. Hydraulic lift truck. 2,388,864; Nov. 13.
Page, Herbert E., Pasadena, Calif. Hydraulic arbor press. 2,391,187; Dec. 18.
Page, Herbert E., Alhambra, Calif. Hydraulic jack. 2,387,940; Oct. 30.
Page, James M., Jr., assignor to Standard Oil Company, Chicago, Ill. Combination powdered-granular catalyst hydrocarbon conversion. 2,377,512; June 5.
Page, James M., Jr., assignor to Standard Oil Company, Chicago, Ill. Combination powdered-granular catalyst hydrocarbon conversion system. 2,377,513; June 5.
Page, John, Wilmette, assignor to United States Gypsum Company, Chicago, Ill. Wall construction. 2,369,000; Feb. 6.
Page, John, and L. T. J., Leicester, England. Darning machine. 2,385,936; Oct. 2.
Page, John H., Muskegon, Mich. Tooth powder and paste dispenser. 2,389,683; Nov. 27.
Page, John H., assignor to The Shaw-Walker Company, Muskegon, Mich. Fire-resisting cabinet. 2,390,732; Dec. 11.
Page, Leslie T. J.: *See*—
Page, John and L. T. J.
Page, Louis J., assignor to O. Page, Hollis, N. Y. Ophthalmic mounting. 2,376,977; May 29.
Page, Milton E., Jr.: *See*—
Johanson, Adolph T., assignor.
Page, Neal, Cleveland, Ohio. Laundry machine. 2,369,905; Feb. 20.
Page, Olive: *See*—
Page, Louis J., assignor.
Page, Ralph E.: *See*—
Ayres, W. A., and Page.
Page, Ralph E., West Orange, and H. S. Beattie, East Orange, N. J., assignors to International Business Machines Corporation, New York, N. Y. Card punching machine. 2,372,909; Apr. 3.
Page, Thomas L., Stamford, Conn. Cutter for sprouts or tree suckers. 2,376,002; May 15.
Pagendarm, John F., Oakland, Calif. Comminuting apparatus. 2,368,870; Feb. 6.
Pagendarm, John F., Oakland, Calif. Tool grinding machine. 2,387,463; Oct. 23.
Pagenkemper, Arthur H.: *See*—
Travilla, J. C., Jr., and Pagenkemper.
Paget, William W., Newark, N. J. Safety tank and fuel system for aircraft. Re. 22,668; Aug. 21.
Paget, Win W., Michigan City, Ind., assignor to Sullivan Machinery Company. Drill mechanism. 2,383,499; Aug. 28.
Pahl, Leo F.: *See*—
Stewart, R. J., and Pahl.
Paige, Richard E., New York, N. Y. Display poster. 2,376,180; May 15.
Paillard & Cie. S. A.: *See*—
Widmer, René, assignor.
Paillard, E., & Cie, S. A.: *See*—
Prezioso, Giuseppe, assignor.
Paille, Eugene, Los Angeles, assignor to General Controls Co., Glendale, Calif. Manual reset valve. 2,371,351; Mar. 13.
Paille, Eugene, Los Angeles, assignor to General Controls Co., Glendale, Calif. Thermoelectric control circuit. 2,383,676; Aug. 28.
Paille, Eugene, Los Angeles, assignor to General Controls Co., Glendale, Calif. Thermoelectric device. 2,385,530; Sept. 25.
Pain, Edwin F., assignor to Aero Supply Mfg. Co., Inc., Corry, Pa. Friction adjustment for levers. 2,382,330; Aug. 14.
Painter, Claude D., San Francisco, Calif. Bottle collar. 2,367,371; Jan. 16.
Painter, Rex H. G.: *See*—
Browne, D. B., and Painter.
Painter, Roy W., Detroit, Mich., assignor to Gerotor May Company, Baltimore, Md. Pump structure. 2,380,783; July 31.

Paist, Walter D.: *See*—
Horback, W., and Paist.
Paiste, Henry T., Jr., Villanova, assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Ventilator. 2,373,496; Apr. 10.
Paiste, Henry T., Jr., Villanova, assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Ventilator. 2,373,497; Apr. 10.
Pakkala, Matti H., Vandergrift, Pa. Electrical silicon steel. 2,378,321; June 12.
Pako Corporation: *See*—
Sardeson, Robert, assignor.
Palace Corporation: *See*—
Walt, Clyde F., assignor.
Pale, Paul, Wilkes-Barre, Pa. Trigger mechanism. 2,375,381; May 8.
Palestine Potash Ltd.: *See*—
Bloch, R., and Schnerb, assignors.
Paley, Lewis A., Bloomingdale, assignor to United States Gypsum Company, Chicago, Ill. Preparing gypsum casts. 2,366,673; Jan. 2.
Palfrey, Sydney J., Swanland, assignor to Blackburn Aircraft Limited, Brough, England. Aircraft gun mounting. 2,385,024; Sept. 18.
Palisano, Charles J., et al.: *See*—
Palisano, V. H., and Mentecki, assignors.
Palisano, Joseph S., et al.: *See*—
Palisano, V. H., and Mentecki, assignors.
Palisano, Samuel J., et al.: *See*—
Palisano, V. H., and Mentecki, assignors.
Palisano, Victor J., et al.: *See*—
Palisano, V. H., and Mentecki, assignors.
Palisano, Vincent H., and S. Mentecki, Buffalo, assignors to C. J., V. J., J. S., S. J., and V. H. Palisano, copartners, doing business as Motor Service & Supply Co., New York, N. Y. Tail gate. 2,374,697; May 1.
Palkin, Rose, executrix: *See*—
Palkin, S., and Hall.
Palkin, Samuel, deceased, Washington, D. C., by R. Palkin, executrix, Warrtrace, Tenn., and S. A. Hall, Mount Rainier, Md., assignors to the United States of America as represented by Claude R. Wickard, Secretary of Agriculture, and his successors in office. Apparatus for precision control of flow division for fractionating columns and the like. 2,369,913; Feb. 20.
Pall, David B., assignor to Interchemical Corporation, New York, N. Y. Producing sodium cyanide. 2,387,287; Oct. 23.
Palley, I. Nevin, Oronoque, Conn., assignor to Curtiss-Wright Corporation. Retractable landing gear fairing. 2,388,365; Nov. 6.
Pallmann, Ludwig, Zweibrucken, Germany; vested in the Alien Property Custodian. Reducing machine. 2,377,443; June 5.
Palm, Fechteler & Co.: *See*—
Bihr, Alphonse, assignor.
Palm, George H., assignor to Stewart-Warner Corporation, Chicago, Ill. Air motor for lubricating pumps. 2,370,068; Feb. 20.
Palm, George H., assignor to Stewart-Warner Corporation, Chicago, Ill. Control valve. 2,380,608; July 31.
Palma, Anthony V., Togus, Maine. Analytical apparatus. 2,370,683; Mar. 6.
Palmer, Albert, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Adjustable tuft cutting knife for Axminster looms. 2,379,740; July 3.
Palmer, Albert, and E. A. Santon, assignors to Crompton & Knowles Loom Works, Worcester, Mass. Weft replenishing, pick-and-pick, filling mixing loom. 2,380,544; July 31.
Palmer-Bee Company: *See*—
Bailey, Leon M., assignor.
Palmer Company, The: *See*—
Bruns, Anthony C., assignor.
Palmer, Edward, assignor to Ohio Wax Paper Company, Columbus, Ohio. Apparatus for applying treating or coating materials to paper. 2,373,849; Apr. 17.
Palmer, Edward, assignor to Ohio Wax Paper Company, Columbus, Ohio. Paper roll supporting rack. 2,391,265; Dec. 18.
Palmer, Ferris I., et al.: *See*—
Carssow, John F., assignor.
Palmer, Floyd J., Cleveland, Ohio. Stoker. 2,370,067; Feb. 20.
Palmer, Frank D., assignor to Kraft Cheese Company, Chicago, Ill. Packaging apparatus. 2,376,003; May 15.
Palmer, Harry W., Springfield, Mass. Staple puller. 2,375,942; May 15.
Palmer, Herman D.: *See*—
Kissel, W. L., and Palmer.
Palmer, John A., and R. L. Bell, assignors to The Glenn L. Martin Company, Baltimore, Md. Aircraft and gun turret construction. 2,367,308; Jan. 16.
Palmer, John F., Waukesha, Wis. Packaging wrapper and producing the same. 2,372,735; Apr. 3.
Palmer, Leroy H., Bell, Calif. Regulator system. 2,373,334; Apr. 10.
Palmer, Richard O., Worcester, Mass., and H. D. Edgerly, Plymouth, N. H. Protective device. 2,366,870; Jan. 9.
Palmer, Robert C.: *See*—
Bibb, C. H., and Palmer.
Palmer, Robert F., Wheeling, W. Va. Apparatus for folding, banding, and mounting paper tickets. 2,388,433; Nov. 6.
Palmer, Robert S., Detroit, Mich. Forming explosive mixture and bomb for use therewith. 2,368,038; Jan. 23.
Palmer, Robert T.: *See*—
Hanson, M. E., and Palmer.
Palmer, Stanley: *See*—
Binns, C. E., and Palmer.
Palmgren, Charles A., Chicago, Ill. Welding electrode holder. 2,387,464; Oct. 23.
Palmgren, Charles A., Chicago, Ill. Chuck. 2,389,536; Nov. 20.
Palmieri, Libero, assignor to Watkins Soda Fountain Corp., New York, N. Y. Washing machine. 2,368,503; Jan. 30.
Palmquist, Philip V., New Canada Township, Ramsey County, assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Reflex light reflector. 2,379,741; July 3.
Palmquist, Philip V., New Canada Township, Ramsey County, assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Colored reflex light reflector. 2,383,884; Aug. 28.
Palnut Company, The: *See*—
Hotchkin, James R., assignor.
Wohlhieter, Joseph W., assignor.
Palou, Jean: *See*—
Fosse, H., Palou, and Lacombe.
Paluev, Konstantin K., Pittsfield, Mass., assignor to General Electric Company. Electric apparatus and winding therefor. 2,368,506; Jan. 30.
Paluev, Konstantin K., Pittsfield, Mass., assignor to General Electric Company. Electric apparatus. 2,388,565; Nov. 6.
Paluev, Konstantin K., Pittsfield, Mass., assignor to General Electric Company. Electric apparatus. 2,388,566; Nov. 6.
Pampinella, Antonino, Rome, Italy; vested in the Alien Property Custodian. Tipping gravity davit for lifeboats. 2,385,841; Oct. 2.
Pan American Airways, Inc.: *See*—
Clark, Allan C., assignor.
Pan American Refining Corporation: *See*—
Kirkbride, Chalmer G., assignor.
Mayer, Ivan, assignor.
Wadsworth, Francis T., assignor.
Pancake, Herman H., Huntington, W. Va., assignor to American Car and Foundry Company, New York, N. Y. Door closing device. 2,374,155; Apr. 17.
Pancher, Harry E., assignor to A. G. Redmond Co., Owosso, Mich. Making electric motor rotors. 2,384,489; Sept. 11.
Pancher, Harry E., assignor to A. G. Redmond Co., Owosso, Mich. Motor rotor and making the same. 2,386,138; Oct. 2.
Pancoe, George W.: *See*—
Watter, M., and Pancoe.
Pancoe, George W., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Cover fastener. 2,385,461; Sept. 25.
Pancoe, George W., Philadelphia, and A. G. Dean, Narberth, assignors to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Structural unit and assembly. 2,386,710; Oct. 9.
Pandiscio, Nicholas: *See*—
Leger, Edward N., assignor.
Pangborn Corporation: *See*—
Keefer, Walter L., assignor.
Rosenberger, William A., assignor.
Potter, Percy J., assignor.
Wieland, Daniel A., assignor.
Panish, Erwin J., Bridgeport, Conn. Clutch control. 2,387,343; Oct. 23.
Panissidi, Hugo: *See*—
Leathers, W., and Panissidi.
Panitch, William: *See*—
Seegar, F. T., and Panitch.
Pankey, Thomas L., Wauwatosa, and C. E. Imhoff, Calhoun Farms, assignors to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Boiler feedwater treatment process. 2,382,902; Aug. 14.
Pankow, Edmund G., Mansfield, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Water heating apparatus. 2,380,545; July 31.
Pankratz, Howard J., Bartlesville, Okla., assignor to Phillips Petroleum Company. Well pump. 2,375,578; May 8.
Panoramic Laboratories: *See*—
Wallace, Marcel, assignor.
Wallace, M., and Miller, assignors.
Pantages, Steven, New York, N. Y. Thread and stranded wire gauge. 2,391,590; Dec. 25.
Pantalone, Vincent R.: *See*—
Elliott, C. I., and Pantalone.
Williamson, M. I., and Pantalone.
Pantex Pressing Machine, Inc.: *See*—
Beede, R. J., and Monsarrat, assignors.
Lornitzo, Frank C., assignor.
Panushka, John B., Glendale, and L. A. Wheeler, assignors of one-half to R. H. Clark, and one-half to W. H. Maxwell, Los Angeles, Calif. Hair curler. 2,388,797; Nov. 13.
Papalexis, James, Ashtabula, and O. W. Johnson, Geneva, Ohio. Attachment for holding articles. 2,369,978; Feb. 20.

Papanicolas, James: *See*—
Corliss, Raymond H., assignor.

Pape, August H., Kentfield, assignor of one-half to E. Kendal, San Francisco, Calif. Ski-climber. 2,375,943; May 15.

Pape, Harry E., Ridley Park, Pa., assignor to American Viscose Corporation, Wilmington, Del. Spinning bucket and discharge device therefor. 2,367,237; Jan. 16.

Pape, Harry E., Ridley Park, Pa., assignor to American Viscose Corporation, Wilmington, Del. Centrifugal spinning bucket. 2,367,339: Jan. 16.

Pape, Karl: *See*—
MacWilliam, W., and Pape.

Pape, Karl, Dover, and A. N. Troshkin, Montclair, assignors to Resistoflex Corporation, Belleville, N. J. Hose coupling. 2,388,992; Nov. 13.

Papello, Karl, Jena, Germany; vested in the Alien Property Custodian. Apparatus for determining the magnitudes required for parallax correction. 2,376,719; May 22.

Papello, Karl, Jena, Germany; vested in the Alien Property Custodian. Device for directing and calculating apparatus. 2,384,043; Sept. 4.

Papendick, Elizabeth, executrix: *See*—
Papendick, Gustav C., assignor.

Papendick, Gustav C., deceased, University City, Mo., by E. Papendick, executrix, assignor, by mesne assignments, to E. Papendick. Packaging sliced loaves. 2,369,753; Feb. 20.

Papendick, Gustav C., deceased, by E. Papendick, executrix, assignor to E. Papendick, University City, Mo. Packaging sliced loaves. 2,389,812; Nov. 27.

Papenmeyer, George W.: *See*—
Peterson, E. L., and Papenmeyer.

Paper Converting and Finishing Company: *See*—
Pruneau, J. L., Mullally, and Hanrahan, assignors.

Paper Patents Company: *See*—
Fourness, C. A., and Reichel, assignors.

Papkin, David, assignor to Sargent & Company, New Haven, Conn. Adjustable clamp for food choppers or the like. 2,382,811; Aug. 14.

Pars, John W., Elizabeth, and K. Weisser, Cresskill, assignors to David Kahn, Inc., County of Hudson, Township of North Bergen, N. J. Fountain pen presser bar and producing the same. 2,377,444; June 5.

Paradis, Archie, South Paris, Maine. Pickle cutting machine. 2,373,973; Apr. 17.

Paradise, Louis A.: *See*—
Anderson, R. L., Arnold, and Paradise.

Paradise, Louis A., and A. W. Oehler, assignors to Deere & Company, Moline, Ill. Cylinder adjusting device. 2,376,618; May 22.

Paraffine Companies, Inc., The: *See*—
Cohen, S. A., Thurmond, and Read, assignors.

Paragon Revolute Corporation: *See*—
Sullivan, Warren L., assignor.

Paramount Textile Machinery Co.: *See*—
Mittelstadt, Roy, assignor.

Parcelle, Alvin J., trustee: *See*—
Watson, Sydney C.

Parcelle, Alvin J., trustee, et al.: *See*—
Watson, Sydney C., assignor.

Pardee, William A., Pittsburgh, Pa., and B. F. Dodge, Hamden, Conn., assignors to Gulf Research & Development Company, Pittsburgh, Pa. Alkylation of benzene. 2,388,007; Oct. 30.

Pardey, George H., and C. L. Johnson, Cleveland, Ohio, assignors to The Motor Repair and Manufacturing Company. Electrical control system. 2,377,365; June 5.

Paré, Victor T., Collingswood, N. J., assignor to Radio Corporation of America. Method of and apparatus for making fibrous articles. 2,384,958; Sept. 18.

Parenti, Joseph S., Buffalo, N. Y. Machine for utilizing power. 2,391,476; Dec. 25.

Parfentjev, Ivan A., Nanuet, N. Y., assignor to Lederle Laboratories, Inc., New York, N. Y. Blood clotting accelerator. 2,369,111; Feb. 6.

Parfitt, Frank P., assignor to The British Power Boat Company Limited, Hythe, Southampton, England. Remote control apparatus for starting internal-combustion engines. 2,367,966; Jan. 23.

Pargman, Sydney, Paterson, N. J. Automatic electric vaporiser. 2,379,034; June 26.

Parilla, Arthur R., Garden City, N. Y., assignor to Republic Aviation Corporation. Aircraft structure. 2,390,661; Dec. 11.

Parish Pressed Steel Company: *See*—
Cole, Nelson E., assignor.

Parisi, Charles W., Bellwood, Ill. Indicator. 2,379,591; July 3.

Park, Joseph D.: *See*—
Benning, A. F., and Park.

Park Manufacturing Company: *See*—
Root, Joseph M.

Park, Phillip R., Inc.: *See*—
Lassen, Sven H., assignor.

Park, Ransom L., Monmouth, Oreg. Lock nut. 2,389,634; Nov. 27.

Parke, Davis & Company: *See*—
Bambas, Louis L., assignor.
Cheney, L. C., and Bywater, assignors.
Crooks, H. M., Jr., and Jones, assignors.
Feil, Norbert H., assignor.
Lawson, E. J., and Parke, assignors.
Marker, Russell E., assignor.
Marker, R. E., and Crooks, assignors.
Marker, R. E., and Lawson, assignors.
Marker, R. E., and Whittle, assignors.
Parke, H. C., and Lawson, assignors.
Tillitson, Edward W., assignor.
Wagner, Romeo B., assignor.

Parke, Hervey C.: *See*—
Lawson, E. J., and Parke.

Parke, Hervey C., and E. J. Lawson, assignors to Parke, Davis & Company, Detroit, Mich. Vitamin composition and obtaining same. 2,367,791: Jan. 23.

Parke, Robert M., and F. P. Bens, Detroit, Mich., assignors to Climax Molybdenum Company, New York, N. Y. Tensile strength testing apparatus. 2,375,032; May 1.

Parke, Robert M., and F. P. Bens, Detroit, Mich., assignors to Climax Molybdenum Company, New York, N. Y. Hardness testing apparatus. 2,375,033; May 1.

Parker Appliance Company, The: *See*—
Hartley, Emmett C., assignor.
Parker, Arthur L., assignor.
Parker, A. L., Davies, and Melichar, assignors.
Parker, A. L., and Hartley, assignors.
Stark, Donald A., assignor.

Parker Appliance Company, Inc., The: *See*—
Melichar, Joseph F., assignor.
Parker, Arthur L., assignor.

Parker, Arthur H.: *See*—
Sebell, Harry, assignor.

Parker, Arthur L., assignor to The Parker Appliance Company, Cleveland, Ohio. Safety wrench. 2,381,226; Aug. 7.

Parker, Arthur L., assignor to The Parker Appliance Company, Cleveland, Ohio. Tube structure. 2,383,733; Aug. 28.

Parker, Arthur L., assignor to The Parker Appliance Company, Cleveland, Ohio. Tube and protective sleeve assembly. 2,391,266; Dec. 18.

Parker, Arthur L., assignor to The Parker Appliance Company, Cleveland, Ohio. Antiseizing paste for sealing threaded joints and like parts. 2,391,504; Dec. 25.

Parker, Arthur L., R. H. Davies, and J. F. Melichar, assignors to The Parker Appliance Company, Cleveland, Ohio. Fluid dispensing device. 2,385,102; Sept. 18.

Parker, Arthur L., and E. C. Hartley, assignors to The Parker Appliance Company, Cleveland, Ohio. Threeway valve. 2,391,505; Dec. 25.

Parker, Cecil C., Hyde Park, N. Y. Danger call alarm. 2,386,711; Oct. 9.

Parker, Donald, Fresno, Calif. Dusting apparatus. 2,386,798; Nov. 13.

Parker, Florence E., et al.: *See*—
Hodgdon, John W. S., assignor.

Parker, Frank A., and F. Ancliff, Drummondville, Quebec, Canada, assignors to Celanese Corporation of America. Painting machine. 2,367,300; Jan. 16.

Parker, Glenn H.: *See*—
Woolson, H. T., Herreshoff, Hicks, Parker and Wyatt.
Woolson, H. T., and Parker.

Parker, Henry C., Washington, D. C. Airplane launching device and carrier. 2,383,559; Aug. 28.

Parker, Humphrey F., Kenmore, assignor to Columbus McKinnon Chain Corporation, Tonawanda, N. Y. Wire rope hoist. 2,368,039; Jan. 23.

Parker, Humphrey F., Kenmore, assignor to Columbus McKinnon Chain Corporation, Tonawanda, N. Y. Joiner link. 2,387,606; Oct. 23.

Parker, Humphrey F., Kenmore, assignor to Columbus McKinnon Chain Corporation, Tonawanda, N. Y. Limit control. 2,388,219; Oct. 30.

Parker, Humphrey F., Kenmore, N. Y., and K. W. Stinson, Columbus, Ohio, assignors to Columbus McKinnon Chain Corporation, Tonawanda, N. Y. Hoist. 2,371,352; Mar. 13.

Parker, Humphrey F., Kenmore, and K. W. Stinson, Columbus, Ohio, assignors to Columbus McKinnon Chain Corporation, Tonawanda, N. Y. Hoist. 2,373,048; Apr. 3.

Parker, James, et al.: *See*—
Vanore, Joseph, assignor.

Parker, John W.: *See*—
Schoepfer, A. C., and Parker.

Parker, Joseph L., Louisville, Ky., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Phosphorus containing plastic polymers from 1,3-dienes. 2,382,812; Aug. 14.

Parker, Kenneth, assignor to The Parker Pen Company, Janesville, Wis. Magnetic desk set. 2,386,500; Oct. 9.

Parker, Lenious G., Oakland, Calif. Fuel nozzle. 2,369,174; Feb. 13.

Parker Manufacturing Company: *See*—
Brown, Clyde E., assignor.
Lenk, Kurt H., assignor.

Parker, Matthew: *See*—
Russell, A., Parker, and Harris.

Parker, Paul T., Baton Rouge, La., assignor to Standard Oil Development Company. Refining mineral oil. 2,371,408; Mar. 13.

Parker Pattern & Foundry Company, The: *See*—
Stelzer, Earl E., assignor.

Parker Pen Company, The: *See*—
Baker, Marlin S., assignor.
Parker, Kenneth, assignor.

Parker, Raymond D., Brooklyn, and A. Weaver, Port Washington, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph perforator-transmitter. 2,382,251; Aug. 14.

Parker, Robert P.: *See*—
Lecher, H. Z., Goulding, and Parker.
Lecher, H. Z., Parker, and Denton.
Lecher, H. Z., Parker, and Long.

Parker, Robert P., Somerville, N. J., and A. J. Hill, New Haven, Conn., assignors to American Cyanamid Company, New York, N. Y. Alkamine derivatives of o-alkoxymethyl benzoic acid. 2,383,074; Aug. 21.

Parker Rust Proof Company: *See*—
Clifford, W. J., and Adams, assignors.
Richards, Ernest W., assignor.
Tanner, Robert R., assignor.

Parker, Samuel P., assignor to Callaway Mills, La Grange, Ga., Loom. 2,382,741; Aug. 14.

Parker, Thomas A., assignor of one-fourth to C. M. Goldstein, Baltimore, Md. Land mine. 2,377,174; May 29.

Parker, Thomas W.: *See*—
Davies, R. J., Dering, and Parker.

Parker, Willard T.: *See*—
MacNeill, J. B., Peterson, and Parker.

Parker-Wolverine Company: *See*—
Amundsen, Paul L., assignor.
(Meyer, William E., assignor) and Roberts.

Parkersburg Rig & Reel Company, The: *See*—
Dake, George E., assignor.

Parkhurst, John E., San Diego, Calif. Fluid dispenser. 2,368,944; Feb. 6.

Parkins, Wright A., West Hartford, G. N. Cole, Manchester, Conn., and A. E. Smith, Kansas City, Kans., assignors to United Aircraft Corporation, East Hartford, Conn. Ignition timing. 2,390,166; Dec. 4.

Parks-Cramer Company: *See*—
Holtzclaw, Grover B., assignor.

Parks, Walter J., Cleveland Heights, Ohio, assignor to The W. S. Tyler Company. Screen. 2,374,775; May 1.

Parks, Walter J., Cleveland Heights, assignor to The W. S. Tyler Company, Cleveland, Ohio. Controlling dust in the screening of dust-laden material. 2,382,252; Aug. 14.

Parks and Woolson Machine Company: *See*—
Hadley, Wilfred N., assignor.

Parlini, Alexander C.: *See*—
O'Toole, R. F., and Parlini.

Parmalee, A. F.: *See*—
Moeller, William C., assignor.

Parmenter, Frank D., Toronto, Ontario, Canada. Support for concrete forms. 2,388,865; Nov. 13.

Parmenter, Morgan D., Toronto, Ontario, Canada. Examination material. 2,373,498; Apr. 10.

Parnall Aircraft Limited: *See*—
Draper, Frederick C., assignor.

Parnet, Louis, Courbevoie, France; vested in the Alien Property Custodian. Adjustable wrench. 2,369,072; Feb. 6.

Paroz, Paul N., Lancaster, and G. W. Grisdale, Jr., Ephrata Township, Lancaster County, assignors to Hamilton Watch Company, Lancaster, Pa. Multiple jewel oiling machine. 2,389,537; Nov. 20.

Parr, Bernard A., assignor to Simmonds Aerocessories Limited, London, England. Remote control. 2,373,776; Apr. 17.

Parr, Bernard F.: *See*—
Felver, R. I., and Parr.

Parr, Bernard F., Mansfield, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Toaster apparatus. 2,389,927; Nov. 27.

Parr: Floyd: *See*—
Davies, G. V., Parr, and Goodrich.

Parr, Josephus O., Jr., assignor to O. S. Petty, San Antonio, Tex. Stabiliser for automatic volume control circuits. 2,384,393; Sept. 4.

Parr, Josephus O., Jr., assignor to Olive S. Petty, San Antonio, Tex. Seismic surveying. 2,390,322; Dec. 4.

Parrett, Dent, assignor, by mesne assignments, to Lambert Brake Corporation, St. Joseph, Mich. Multiple disk brake. 2,387,039; Oct. 16.

Parrigin, Frank S., Louisville, Ky. Syringe. 2,386,001; Oct. 2.

Parrish, Grant L.: *See*—
Deitch, Clement, assignor.

Parry, Frank, Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Rotary take-up for sewing machines. 2,366,648; Jan. 2.

Parry, Frank, Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Lubricating device for sewing machine loop-takers. 2,387,046; Jan. 9.

Parry, Frank, Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Lubricating device for sewing machines. 2,381,685; Aug. 7.

Parry, Frank, Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Lubricating device for sewing machine loop-takers. 2,383,152; Aug. 21.

Parry, Frank, Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Lubricating device for sewing machines. 2,385,299; Sept. 18.

Parry, Frank, assignor to Molins Machine Company, Limited, Deptford, London, England. Apparatus for feeding articles from a container. 2,378,032; June 12.

Parsons, Clinton H., and L. D. Mink, assignors to Industrial Patents Corporation, Chicago, Ill. Treatment of egg whites. 2,377,644; June 5.

Parsons, Frank H.: *See*—
Ahlstrom, W. M., Tischler, and Parsons.

Parsons, Fred A., Milwaukee, Wis. Cooking utensil. 2,371,975; Mar. 20.

Parsons, Harry N., Chicago, Ill., assignor to International Harvester Company. Bearing. 2,380,327; July 10.

Parsons, John B., Toledo, Ohio. Window regulator mechanism. 2,371,183; Mar. 13.

Parsons, John B., Toledo, Ohio. Sealing device for internal gear pumps. 2,383,153; Aug. 21.

Parsons, John B., Toledo, Ohio. Fastening device. 2,383,154; Aug. 21.

Parsons, John B., assignor to M. W. Fraser, Toledo, Ohio, as trustee. Window regulator mechanism. 2,381,365; Aug. 7.

Parsons, John B., Toledo, Ohio, assignor to Malcolm W. Fraser, of Toledo, Ohio, as trustee. Regulator mechanism. 2,390,029; Nov. 27.

Parsons, John S., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electrical distribution system. 2,390,810; Dec. 11.

Parsons, Joseph R., assignor to United States Gypsum Company, Chicago, Ill. Preparing reinforced ceramic material. 2,371,353; Mar. 13.

Parsons, John T., and A. Y. Brogren, Detroit, Mich. Impact spider. 2,383,885; Aug. 28.

Parsons Marine Steam Turbine Company Limited: *See*—
Cook, S. S., and Douglas, assignors.

Parsons Marine Steam Turbine Company Limited, The, et al.: *See*—
Signer, J. U., and Douglas, assignors.

Parsons, Neal B., Verdon, Nebr. Shoe cleat. 2,367,736; Jan. 23.

Parsons, Robert J., Schenectady, assignor to Consolidated Car Heater Company, Inc., Albany, N. Y. Air conditioning. 2,386,569; Oct. 9.

Parton, James A., Erdenheim, Pa., and J. B. Pace, assignors to Hoffman Specialty Co., Indianapolis, Ind. Straight stem vent valve. 2,385,584; Sept. 25.

Partridge, Everett P., Beaver, assignor to Hall Laboratories, Inc., Pittsburgh, Pa. Well drilling mud and process. 2,379,100; June 26.

Partridge, John H., Pinner, England, assignor to General Electric Company. Lead glass composition. 2,388,866; Nov. 13.

Parva Products Company: *See*—
White, P. W., and Ryan, assignors.

Paschell, Anthon H., Des Moines, Iowa. Pencil sharpener. 2,366,928; Jan. 9.

Pascoo, Alex, New York, N. Y. Tire pressure gauge. 2,368,564; Jan. 30.

Pascoo, Alex, New York, N. Y. Bookmark. 2,387,607; Oct. 23.

Pasela, James J.: *See*—
Knochel, E. S., and Pasela.

Pash, Robert, Roselle, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Mechanical motion. 2,378,033; June 12.

Pash, Robert, Roselle, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Lapping machine. 2,382,903; Aug. 14.

Pash, Robert, Roselle, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Method of and apparatus for making annular articles. 2,390,614; Dec. 11.

Pasinski, Walter J., Howell, assignor to Burroughs Adding Machine Company, Detroit, Mich. Cash register. 2,380,257; July 10.

Pasinski, Walter J., Howell, assignor to Burroughs Adding Machine Company, Detroit, Mich. Cash register. 2,380,258; July 10.

Pasker, Gerald J., New Vienna, Iowa. Agricultural machine. 2,389,928; Nov. 27.

Pasqualigo, Giulio, Genoa, Italy; vested in the Alien Property Custodian. Multianode electron tube and working circuit therefor. 2,383,886; Aug. 28.

Pasquasi, Battista, et al.: *See*—
Giorgi, Adelmo, assignor.

Pasquinelli, Bruno B: *See*—
Peyrebrune, H. F., and Pasquinelli.

Passal, Frank, by judicial change of name: *See*—
Stareck, J. E., and Passalacqua.

Passalacqua, Frank: *See*—
Stareck, J. E., and Passalacqua.

Passanante, Charles G., Jersey City, N. J. Rotary propeller ornament. 2,373,499; Apr. 10.

Passelecq, Georges, Paris, France; vested in the Alien Property Custodian. Core making process. 2,368,322; Jan. 30.

Passino, Herbert J.: *See*—
Solomon, E., Passino, and Rubin.

Passloff, Louis, et al.: *See*—
Konikoff, Robert H., assignor.

Pastore, Adam, Bridgeport, Conn. Valve stem silencer. 2,380,673; July 31.

Pasturczak, Stanley F., East Moline, assignor to Deere & Company, Moline, Ill. Corn harvester. 2,377,807; June 5.

Paut, August, Detroit, Mich. Smoking pipe. 2,377,445; June 5.

Patch, Albert C., Topeka, Kans. Elastic collar clasp. 2,368,724; Feb. 6.

Patch, Allen J., Ripon, Wis., assignor to R. W. Lamont. Domestic laundry unit. 2,387,407; Oct. 23.

Patch, Arthur C., Santa Monica, assignor to North American Aviation, Inc., Inglewood, Calif. Slot closure actuating mechanism. 2,371,976; Mar. 20.

Patch, Harold K., Hermosa Beach, assignor to Crossfield Products Corp., Los Angeles, Calif. Protective coatings. 2,382,742; Aug. 14.

Patchogue-Plymouth Mills Corporation: *See*—
Fischel, Lester, assignor.

Patco, Inc.: *See*—
Koppl, E., and Harris, assignors.

Pate, Charles A., Lufkin, Tex., Hand tool. 2,376,978; May 29.

Pate, William A. S.: *See*—
Bernard, C. A., and Pate.

Patek, John M., assignor to Eastman Kodak Company, Rochester, N. Y. Moisture proof container. 2,367,520; Jan. 16.

Patent Button Company, The: *See*—
Clarke, Rollin R., assignor.
Peterson, Frederick H., assignor.
Peterson, F. H., and Clarke, assignors.
Purinton, Forrest G., assignor.

Patent Developers, Inc.: *See*—
Knoblock, Frederick D., assignor.

Patent License Corporation: *See*—
Zimmerman, Edward C., assignor.

Patent and Licensing Corporation, The: *See*—
Fay, Albert H., Jr., assignor.

Patent Protection Corporation: *See*—
Pearson, John H., assignor.

Patents Promotions Corporation: *See*—
Stanton, Samuel J., assignor.

Patents Research Corporation: *See*—
Unger, William H., assignor.

Pateras Pescara, Raul, Lisbon, Portugal. Internal-combustion engine. 2,380,066; July 10.

Paterson, Leslie M., Aylesbury, England, assignor to J. L. Thomson Manufacturing Company, Waltham, Mass. Rivet setting machine. 2,390,615; Dec. 11.

Patin, Albert, Berlin, Germany; vested in the Alien Property Custodian. Automatic electrical control means. 2,383,942; Sept. 4.

Patin, Albert, Berlin, Germany; vested in the Alien Property Custodian. Electric controlling system. 2,380,784; July 31.

Patmor, John B., Zion, Ill. Tone post for violins and similar musical instruments. 2,370,460; Feb. 27.

Patnode, Winton I.: *See*—
Rochow, E. G., and Patnode.

Patnode, Winton I., Schenectady, N. Y., assignor to General Electric Company. Contact masses. 2,380,997; Aug. 7.

Patnode, Winton I., Schenectady, N. Y., assignor to General Electric Company. Organo-dihalogenosiloxanes. 2,381,366; Aug. 7.

Patnode, Winton I., Schenectady, N. Y., and R. W. Schiessler, State College, Pa., assignors to General Electric Company. Halogenated organosilicon compounds. 2,381,000; Aug. 7.

Patnode, Winton I., Schenectady, N. Y., and R. W. Schiessler, State College, Pa., assignors to General Electric Company. Preparing tetrachloroethylene and chlorosilanes. 2,381,001; Aug. 7.

Patnode, Winton I., Schenectady, N. Y., and R. W. Schiessler, State College, Pa., assignors to General Electric Company. Cyclic organosilicon compounds. 2,381,002; Aug. 7.

Patnode, Winton I., and R. O. Sauer, Schenectady, N. Y., assignors to General Electric Company. Preparing tetrakis-2-chloroethyl silicate. 2,381,137; Aug. 7.

Patnode, Winton I., and R. O. Sauer, Schenectady, N. Y., assignors to General Electric Company. 2-halogenoethyl silicon compounds. 2,381,138; Aug. 7.

Paton, Clyde R., Birmingham, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle transmission control. 2,366,254; Jan. 2.

Paton, Clyde R., Birmingham, assignor to Packard Motor Car Company, Detroit, Mich. Internal-combustion engine. 2,374,305; Apr. 24.

Paton, Clyde R., Birmingham, assignor to Packard Motor Car Company, Detroit, Mich. Internal-combustion engine. 2,387,344; Oct. 23.

Patons and Baldwins Inc.: *See*—
Allen, Nora J., assignor.

Patrick, Clarence W.: *See*—
Kent, F. A., and Patrick.

Patrick, Walter A., Jr., and J. D. Elder; said Elder assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Dehydrating method and apparatus. 2,390,167; Dec. 4.

Patt, Leon A., Niagara Falls, Ontario, Canada, assignor to The Carborundum Company, Niagara Falls, N. Y. Surfacing apparatus. 2,370,323; Feb. 27.

Pattberg, Theodore H., Woodhaven, N. Y. Cigarette or cigar lighter. 2,386,168; Oct. 2.

Pattee, John R., assignor to The Bristol Company, Waterbury, Conn. Timer switch. 2,366,454; Jan. 2.

Patten, Dorathy G., Milwaukee, Wis. Individual dress-form. 2,376,553; May 22.

Patten, Fred F., Woonsocket, R. I., assignor to United States Rubber Company, New York, N. Y. Lifesaving equipment. 2,366,455; Jan. 2.

Patten, Fred F., Woonsocket, R. I., assignor to United States Rubber Company, New York, N. Y. Inflatable boat. 2,370,069; Feb. 20.

Patterson, Albert M., Hutchinson, Kans. Course plotting apparatus. 2,386,712; Oct. 9.

Patterson, Albert S., Nashville, Tenn. Device for detecting formation of ice on airplane wings. 2,371,259; Mar. 13.

Patterson, Cecil E., McKeesport, Pa., assignor to The Gallon Iron Works & Manufacturing Company. Power earth mover. 2,376,979; May 29.

Patterson, Charles E.: *See*—
Young, J. W., and Patterson.

Patterson, Chester L., Jackson Heights, assignor to Aircraft Screw Products Company, Inc., Long Island City, N. Y. Wire rolling mill. 2,380,067; July 10.

Paterson Engineering Company Limited, The: *See*—
Smalley, William, assignor.

Patterson, George, Jr., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Portable radio receiver. 2,388,567; Nov. 6.

Patterson, George, Jr., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Television apparatus. 2,388,761; Nov. 13.

Patterson, Glenn A., assignor to Red Jacket Manufacturing Co., Davenport, Iowa. Pumping system. 2,387,941; Oct. 30.

Patterson, Gordon D., Wilmington, Del., and C. K. Sloan, Thornton, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Basic alkaline earth chromito-chromate pigment and making. 2,387,528; Oct. 23.

Patterson, Guy K.: *See*—
Alford, A., and Patterson.

Patterson, Henry R.: *See*—
Clark, R., and Patterson.

Patterson, Herbert F., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Power transmission. 2,369,848; Feb. 20.

Patterson Industries Incorporated: *See*—
Patterson, William N., assignor.

Patterson, John A., Westfield, N. J., assignor to Standard Oil Development Company. Separation and purification of hydrocarbons. 2,391,102; Dec. 18.

Patterson, John A., and R. F. McCleary, Beacon, assignors to The Texas Company, New York, N. Y. Lubricants. 2,375,579; May 8.

Patterson, John A., Westfield, and R. J. Ozol, Elizabeth, N. J., assignors to Standard Oil Development Company. Purification of organic liquids. 2,386,058; Oct. 2.

Patterson, John A., and R. F. McCleary, Beacon, assignors to The Texas Company, New York, N. Y. Lubricants. 2,388,074; Oct. 30.

Patterson, Joseph W., Tulsa, Okla. Game device. 2,383,210; Aug. 21.

Patterson, Raymond L., New York, N. Y. Production of metal powder. 2,368,489; Jan. 30.

Patterson, Raymond L., assignor, by mesne assignments, to The New Jersey Zinc Company, New York, N. Y. Powder metallurgy of brass. 2,368,943; Feb. 6.

Patterson, Robert J., Bartlesville, Okla. Educational appliance. 2,377,100; May 29.

Patterson, Robert J., Bartlesville, Okla., assignor to Phillips Petroleum Company. Butadiene production 2,391,188; Dec. 18.

Patterson, Roy L., Golden Valley, Minn. Grain distributor. 2,368,872; Feb. 6.

Patterson, Veit C., York, Pa., assignor to York Corporation, Drying. 2,389,452; Nov. 20.

Patterson, Ward S., Chappaqua, assignor to Combustion Engineering Company, Inc., New York, N. Y. Gas and oil burner. 2,368,490; Jan. 30.

Patterson, Ward S., Chappaqua, and J. L. Barnes, Yonkers, assignors to Combustion Engineering Company, Inc., New York, N. Y. Feed-water connection to boiler drum. 2,388,177; Oct. 30.

Patterson, Wilbur I.: *See*—
Karabinos, J. V., Eckhardt, and Patterson.

Patterson, Wilbur I., and M. B. Williamson, Chagrin Falls, Ohio, assignors to S. M. A. Corporation, Chicago, Ill. Antioxidants. 2,380,546; July 31.

Patterson, William N., assignor to Patterson Industries Incorporated, Detroit, Mich. Windshield protector and cleaner for airplanes. 2,367,426; Jan. 16.

Patterson, William S., Arlington, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Method and apparatus for producing bags. 2,385,229; Sept. 18.

Pattillech, Donald K.: *See*—
Fowler, G. B., and Pattilloch.

Patton, Carl W., Palisades Park, N. J., assignor to Carbide and Carbon Chemicals Corporation. Composition for surgical and medical preparations. 2,385,879; Oct. 2.

Patton, Clark E., Springfield, Ohio. Oil seal puller. 2,380,068; July 10.

Patton, Edward D.: *See*—
Isenberg, R. A., Pershing, King, Jr., Patton, and Caraway.

Patton, James L., Dallas, Tex., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Measurement of the rate of soil gas evolution. 2,366,351; Jan. 2.

Patton, Willis A., assignor to Hydraulic Control Engineering Company, Cleveland, Ohio. Flow control valve. 2,384,394; Sept. 4.

Patzer, Raymond C.: *See*—
Woditsch, Frank J., assignor.

Patzer, William, assignor, by mesne assignments, to Clarence E. Threedy, Chicago, Ill., as trustee. Coin selector. 2,371,310; Mar. 13.

Paul, Albert: *See*—
Compton, J. A., and Paul.

Paul, Edgar D., Wynnewood, Pa. Clamp. 2,380,990; Aug. 7.

Paul, John A., assignor to The E. H. Hotchkiss Company, Norwalk, Conn. Fastener driving machine. 2,378,725; June 19.

Paul, Leslie R., Philadelphia, Pa. Color control. 2,374,640; Apr. 24.

Paul, Philip T.: *See*—
Howland, L. H., and Paul.

Paul, Philip T., Naugatuck, Conn., assignor to United States Rubber Company, New York, N. Y. Vulcanization of rubber. 2,372,813; Aug. 14.

Paul, Philip T., Naugatuck, Conn., assignor to United States Rubber Company, New York, N. Y. Antioxidants. 2,373,335; Apr. 10.

Paul, Philip T., Naugatuck, Conn., assignor to United States Rubber Company, New York, N. Y. Antioxidants. 2,381,771; Aug. 7.

Paul, Raymond: *See*—
Gold, H., and Paul.

Paul, Talbert W.: *See*—
Brown, T., and Paul.

Pauli, Theodore C., Kirkwood, assignor to Orchard Paper Company, St. Louis, Mo. Garment hanger. 2,376,269; May 15.

Paulsen, Christian, Fair Lawn, assignor to New Era Manufacturing Company, Paterson, N. J. Feed mechanism. 2,389,929; Nov. 27.

Paulsen, Grover C., Jr.: *See*—
Sletzinger, M., and Paulsen.

Paulsen, Hans C., Medford, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Strip applying machine. 2,383,560; Aug. 28.

Paulsen, Hans C., Medford, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine for reinforcing insoles. 2,387,288; Oct. 23.

Paulsen, Henry C., Elizabeth, N. J., assignor to Standard Oil Development Company. Hydrocarbon fuel blends. 2,385,158; Sept. 18.

Paulsen, Neal I., St. Louis Park, Minn. Shirt case. 2,371,841; Mar. 26.

Paulsen, Thomas R., South Milwaukee, Wis., assignor, by mesne assignments, to Laplant-Choate Manufacturing Co. Inc., Cedar Rapids, Iowa. Bulldozer. Re. 22,613; Mar. 6.

Paulson, John T., Lafayette, Oreg. Tree faller and undercutter. 2,376,270; May 15.

Paulson, Theodore R., assignor to Mid West Sales & Service, Inc., South Bend, Ind. Chilling cabinet. 2,390,030; Nov. 27.

Paulus, Romeo, Plainville, Mass. Rug filler holder. 2,377,101; May 29.

Paumier, André P., Sceaux, France; vested in the Alien Property Custodian. Electronic scanning device for television. 2,387,608; Oct. 23.

Paust, Lawrence R., Chicago, Ill. Communicating apparatus. 2,366,552; Jan. 2.

Pavan, Osvaldo: *See*—
Antonelli, L., and Pavan.

Pavelka, Joseph: *See*—
McCullough, Paul J., assignor.

Pavey, Lester J., Oklahoma City, Okla. Pipe cutter. 2,379,177; June 26.

Pavlecka, Vladimir H.: *See*—
Northrop, J. K., and Pavlecka.

Pavlish Arnold E.: *See*—
Sullivan, J. D., and Pavlish.

Pavlish, Arnold E., and C. R. Austin, Columbus, Ohio, assignors, by mesne assignments, to Peerpatco, Incorporated, Indiana, Pa. Foundry composition. 2,389,538; Nov. 20.

Pavlish, Arnold E., and C. R. Austin, Columbus, Ohio, assignors, by mesne assignments, to Peerpatco, Incorporated, Indiana, Pa. Foundry composition. 2,389,539; Nov. 20.

Pavlish, Arnold E., and C. R. Austin, Columbus, Ohio, assignors, by mesne assignments, to Peerpatco, Incorporated, Indiana, Pa. Foundry composition. 2,389,540; Nov. 20.

Pavlish, Arnold E., and C. R. Austin, Columbus, Ohio, assignors, by mesne assignments, to Peerpatco, Incorporated, Indiana, Pa. Foundry composition. 2,389,541; Nov. 20.

Pavlish, Arnold E., and C. R. Austin, Columbus, Ohio, assignors, by mesne assignments, to Peerpatco, Incorporated, Indiana, Pa. Foundry composition. 2,389,542; Nov. 20.

Pavlish, Arnold E., and C. R. Austin, Columbus, Ohio, assignors, by mesne assignments, to Peerpatco, Incorporated, Indiana, Pa. Foundry composition. 2,389,543; Nov. 20.

Payne, Oscar V., Leicester, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Electric warp stop motion. 2,391,591; Dec. 25.

Pawelsky, Vernon R., assignor to Automatic Products Company, Milwaukee, Wis. Control for floor furnaces. 2,385,536; Sept. 25.

Pawelsky, Vernon R., Milwaukee, and F. F. Heiser, Wauwatosa, assignors to Automatic Products Company, Milwaukee, Wis. Filling and sealing metal containers. 2,372,290; Mar. 27.

Pawsat, Ewald F., Maysville, Ky. Steering post. 2,383,273; Aug. 21.

Paxson, Homer D., Salem, Ohio. Coil expander. 2,366,352; Jan. 2.

Paxton, Arlie L., et al.: *See*—
Cornish, Irving R., assignor.

Paxton, Clarence, and T. H. Vail, assignors to The Champion Paper and Fibre Company, Hamilton, Ohio. Coating paper. 2,388,339; Nov. 6.

Paxton, Donald D.: *See*—
Smith, H. W., and Paxton.

Paxton, George N.: *See*—
Cornish, Irving R., assignor.

Paxton, George N., et al.: *See*—
Cornish, Irving R., assignor.

Paxton, Gerald C., and G. E. Stilwell, Riverside, assignors to Food Machinery Corporation, San Jose, Calif. Crate head maker. 2,378,948; June 26.

Paxton, Gerald C., Riverside, and E. A. Verrinder, Redlands, assignors to Food Machinery Corporation, San Jose, Calif. Stamping machine. 2,385,462; Sept. 25.

Paxton, John W.: *See*—
Cornish, Irving R., assignor.

Paxton, John W., et al.: *See*—
Cornish, Irving R., assignor.

Payne, Amos O., assignor to The Ohio Pattern Works and Foundry Company, Cincinnati, Ohio. Filling spout. 2,367,138; Jan. 9.

Payne, Charles H., Melbourne, Fla., assignor to O. F. Arthur, Belle Vernon, Pa. Apparatus for laying mats on landing fields. 2,384,395; Sept. 4.

Payne, Donald E.: *See*—
Layng, E. T., and Payne.

Payne, Donald E., assignor to Standard Oil Company, Chicago, Ill. Catalytic conversion system. 2,389,236; Nov. 20.

Payne, Frank E., Winnetka, assignor to Crane Packing Company, Chicago, Ill. Fluid seal. 2,378,095; June 12.

Payne, Irving: *See*—
Carson, A., and Payne, assignors.

Payne, John H., Montreal, Quebec, Canada. Method and apparatus for applying indicia to explosive shells, cartridge cases, and the like. 2,369,073; Feb. 6.

Payne, John H., Honolulu, Hawaii, assignor to The Pacific Guano and Fertilizer Company, Honolulu, T. H. Soil treatment. 2,377,446; June 5.

Payne, John W.: *See*—
Kalichevsky, V. A., Ray, and Payne.
Nicholls, E. S., Noll, and Payne.
Simpson, T. P., Payne, and Crowley.

Payne, Oscar V., Leicester, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Electric weft detector for looms. 2,377,102; May 29.

Payne, Oscar V., Leicester, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Harness mechanism for looms. 2,379,742; July 3.

Payne, Oscar V., Leicester, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Harness cord sheave mechanism for looms. 2,379,743; July 3.

Payne, Oscar V., Leicester, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Thread separating thread holder. 2,387,289; Oct. 23.

Payne, Paul D., Irvington, N. J. Manufacture of electric storage cells. 2,379,374; June 26.

Payne, Ralph W., Washington, D. C. Resilient rail fastener. 2,380,991; Aug. 7.

Payne, Roland S.: *See*—
Feinauer, L. R., and Payne.

Payne, Samuel T.: *See*—
Rowe, D. C., and Payne.

Payne, William H., La Grange, Ill. Mounting for electric arc furnace electrodes. 2,386,260; Oct. 9.

Payne, William H., Hinsdale, Ill. Mechanism for supporting and automatically adjusting arc furnace electrodes. 2,389,164; Nov. 20.

Paystrup, Reuben E., Levan, Utah. Combination ice and roller skate. 2,377,366; June 5.

Payzer, Stanley D., and N. A. Gray, assignors to D. J. Murray Manufacturing Co., Wausau, Wis. Chipper knife assembly. 2,388,799; Nov. 13.

Peabody Engineering Corporation: *See*—
Peabody, Ernest H., assignor.
Vroom, R. C., and Graham, assignors.

Peabody, Ernest H., Norwalk, Conn., assignor to Peabody Engineering Corporation, New York, N. Y. Atomizer. 2,373,707; Apr. 17.

Peace, John D., Jr.: *See*—
Sperry, E. A., Jr., and Peace.

Peacock, Ralph W., assignor to Columbian Rope Company, Auburn, N. Y. Molding apparatus. 2,376,805; May 22.

Pearl, Charles B., Jr., Prince Georges County, Md., assignor to Washington Institute of Technology, Inc., Washington, D. C. Radiosonde antenna system. 2,366,423; Jan. 2.

Pearce, Catherine V.: *See*—
Benn, Howard H., assignor.

Pearce, Clarence H., Hyattsville, Md. Combination tool. 2,371,977; Mar. 20.

Pearce, E. W., et al.: *See*—
Nelson, Clarence E., assignor.

Pearce, Edwin S., Indianapolis, Ind. Journal bearing. 2,368,677; Feb. 6.

Pearce, Edwin S., Indianapolis, Ind. Journal bearing. 2,387,806; Oct. 30.

Pearce, Edwin S., Indianapolis, Ind. Journal bearing. 2,387,807; Oct. 30.

Pearce, Gale T.: *See*—
Coss, H. T., Pearce, and Downsbrough.

Pearce, Gale T., Somerville, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Method and apparatus for making felted materials. 2,373,500; Apr. 10.

Pearce, Gale T., and G. C. Rhodes, Somerville, N. J., assignors to Johns-Manville Corporation, New York, N. Y. Apparatus for recovering waste materials. 2,386,975; Oct. 16.

Pearce, George C., assignor to General Motors Corporation, Dayton, Ohio. Domestic appliance. 2,388,702; Nov. 13.

Pearce, George C., assignor to General Motors Corporation, Dayton, Ohio. Motor protector. 2,388,800; Nov. 13.

Pearce, George W., and A. W. Avens, Geneva, N. Y. Zinc calcium arsenate. 2,368,565; Jan. 30.

Pearce, George W., and A. W. Avens, Geneva, N. Y. Preparing copper arsenicals. 2,388,496; Nov. 6.

Pearce, Walter H., North Hills, assignor to The Brown Instrument Company, Philadelphia, Pa. Galvanometer. 2,380,609; July 31.

Pearl, William A., Chicago, assignor to Whiting Corporation, Harvey, Ill. Apparatus for washing stack gases. 2,387,345; Oct. 23.

Pearce, William E., Montreal, Quebec, Canada. Ski pole. 2,390,267; Dec. 4.

Pearne, Frank Y., Alhambra, and J. D. Rossier, Downey, assignors to Pacific Clay Products, Los Angeles, Calif. Machine for cutting objects. 2,386,341; Oct. 9.

Pearsall, David E., Avon, assignor to The Ensign-Bickford Company, Simsbury, Conn. Manufacture of wax-like composition. 2,374,617; Apr. 24.

Pearsall, David E., Avon, assignor to The Ensign-Bickford Company, Simsbury, Conn. Modification of mineral wax-type compositions. 2,387,529; Oct. 23.

Pearsall, Earle S., Jr., Hollywood, and R. Richolt, Tujunga, Calif., assignors to Lockheed Aircraft Corporation. Aircraft control system. 2,389,274; Nov. 20.

Pearson, Albert: *See*—
Kivley, R. C., and Pearson.

Pearson, Edgar H.: *See*—
Eckhardt, F. F., Pearson, and Albertine.

Pearson, Elmer O., Seattle, Wash. Journal bearing. 2,381,513; Aug. 7.

Pearson, Gardner W., et al.: *See*—
Boyd, William P., assignor.

Pearson, Gerald L.: *See*—
Kleimack, J. L., and Pearson.

Pearson, Gerald L., Millington, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Resistance device. 2,391,506; Dec. 25.

Pearson, Harold E., Bethlehem, Pa., assignor, by mesne assignments, to Realty and Industrial Corporation, Convent, N. J. Circuit breaker control mechanism. 2,376,503; May 22.

Pearson, Harold E., Bethlehem, Pa., assignor, by mesne assignments, to Realty and Industrial Corporation, Convent, N. J. Circuit breaker control mechanism. 2,388,934; Nov. 13.

Pearson, Henry L.: *See*—
Oldreive, Percy N., assignor.

Pearson, Herbert, Liversedge, England. Air filter. 2,388,933; Nov. 13.

Pearson, John H., assignor to Patent Protection Corporation, Lowell, Mass. Heating device for canteens. 2,386,501; Oct. 9.

Pearson, Otto H., assignor to L. N. Strike, Salt Lake City, Utah. Control mechanism for pressing machines. 2,371,466; Mar. 13.

Pearson, Paul E., Chicago, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Air heater and circulator for can end drying machines. 2,391,339; Dec. 18.

Pearson, Paul E., Chicago, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Crown cap spotting apparatus. 2,391,340; Dec. 18.

Pearson, Paul E., and A. Treff, Chicago, Ill., assignors to Continental Can Company, Inc., New York, N. Y. Apparatus for spraying container parts. 2,390,457; Dec. 4.

Pearson, Paul E., and A. Treff, Chicago, Ill., assignors to Continental Can Company, New York, N. Y. Machine for applying sealing compound to container ends. 2,391,341; Dec. 18.

Pearson, Reinhold A., Spokane, Wash. Conveyer. 2,384,950; Sept. 18.

Pearson, Robert W.: *See*—
Bent, J. H., and Pearson.

Pearson, Robert W., and L. C. Poole, Wilkinsburg, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Photoelectric control system. 2,385,725; Sept. 25.

Pearson, Valentine, et al.: *See*—
Krantz, Edward, assignor.

Pease, Benjamin F., Jr., Grafton, Mass. Lubricating device. Re. 22,647; May 29.

Pease, C. F., Company, The: *See*—
Brunk, Harold J., assignor.

Pease, Charles F., Long Beach, Calif. Coin control apparatus. 2,370,684; Mar. 6.

Pease, Charles F., Long Beach, Calif. Dispensing unit. 2,382,576; Aug. 14.

Pease, Charles F., Long Beach, Calif. Vending machine. 2,388,497; Nov. 6.

Pease, Fred F., Squantum, assignor to Lever Brothers Company, Cambridge, Mass. Cutting and spacing device. 2,367,310; Jan. 16.

Pease, Fred F., Squantum, assignor to Lever Brothers Company, Cambridge, Mass. Method and apparatus for transforming substantially non-form-retaining masses into solid cakes or bars. 2,373,593; Apr. 10.

Pecher, Lawrence H., Akron, Ohio. Fish lure. 2,380,328; July 10.

Pechukas, Alphonse, Akron, Ohio, assignor to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Treatment of chlorides of chromium. 2,368,323; Jan. 30.

Pechy, William, Manasquan, N. J., assignor to American Can Company, New York, N. Y. Control mechanism. 2,370,187; Feb. 27.

Pechy, William, Manasquan, N. J., assignor to American Can Company, New York, N. Y. Sheet feeding mechanism. 2,371,698; May 1.

Peck, Clarence E., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Gas generator unit. 2,381,306; Aug. 7.

Peck, Edward B., Elizabeth, N. J., assignor to Standard Oil Development Company. Regeneration of spent catalysts. 2,390,323; Dec. 4.

Peck, Wesley R., Sacramento, Calif. Compensating poppet valve. 2,386,003; Oct. 2.

Peck, William F., Snyder, assignor to Spencer Lens Company, Buffalo, N. Y. Binocular or the like. 2,370,257; Feb. 27.

Peck, William F., Snyder, and A. A. Gradisar, Buffalo, N. Y., assignors to American Optical Company, Southbridge, Mass. Eye testing apparatus. 2,386,554; Jan. 2.

Peck, William F., Snyder, and G. E. Guellich, Buffalo, N. Y., assignors, by mesne assignments, to American Optical Company, Southbridge, Mass. Optical tool gauge. 2,389,544; Nov. 20.

Pecker, Harry, Swampscott, Mass. Buttonhole strip. 2,373,594; Apr. 10.

Pecker, Joseph S., assignor to Machine & Tool Designing Co., Philadelphia, Pa. Catalytic converter. 2,376,271; May 15.

Pecker, Joseph S., and H. A. Simpson, Philadelphia, and A. S. Kirshner, Llanerch, Pa., assignors to Celanese Corporation of America. Wrapping machine. 2,381,078; Aug. 7.

Pecora Paint Company: *See*—
Good, Frederick C., assignor.

Pedersen, Charles J.: *See*—
Downing, F. B., and Pedersen.

Pedersen, Charles J., Penns Grove, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilization of organic substances. 2,373,049; Apr. 3.

Pedersen, Charles J., Penns Grove, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilization or organic substances. 2,382,904; Aug. 14.

Pedersen, Charles J., Penns Grove, N. J., and R. O. Bender, Ridley Park, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilization of petroleum hydrocarbons. 2,382,905; Aug. 14.

Pedersen, Charles J., Penns Grove, N. J., and R. O. Bender, Ridley Park, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilization of petroleum hydrocarbons. 2,382,906; Aug. 14.

Pedersen, Hayes N., Racine, Wis. Toy card. 2,377,572; June 5.

Pedersen, Hayes N., Racine, Wis. Game. 2,390,458; Dec. 4.

Pedersen, Mathias, Brooklyn, N. Y., assignor to American Machine and Foundry Company. Sewing machine. 2,383,677; Aug. 28.

Pedersen, Peter H., Copenhagen, and H. Nielsen, Buddinge Pr. Soborg, Denmark; vested in the Alien Property Custodian. Safety-razors with a comb member cooperating with one or more cutters. 2,380,461; July 31.

Pedersen, Peter S.: *See*—
Reichert, W., Pedersen and Price.

Pedley, Arthur, Bentley, near Walsall, assignor to Rubery Owen & Co. Limited, Darlaston, England. Spot-welding machine. 2,389,324; Nov. 20.

Pedrazzo, Adone R., Union City, and E. R. Pedrazzo, West New York, assignors to Botany Worsted Mills, Passaic, N. J. Loom. 2,374,951; May 1.

Pedrazzo, Adone R., Union City, and E. R. Pedrazzo, West New York, assignors to Botany Worsted Mills, Passaic, N. J. Loom. 2,374,952; May 1.

Pedrazzo, Emil R.: *See*—
Pedrazzo, Adone R. and E. R.

Peebles, David D., Berkeley, assignor to Golden State Company, Ltd., San Francisco, Calif. Manufacture of preserved food products. 2,368,945; Feb. 6.

Peek, Henry L.: *See*—
Cumming, J. M., and Peek.
Boden, S. H., and Peek.

Peek, Henry L., Camp Gordon, Ga., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit breaker. 2,379,178; June 26.

Peek, Henry L., Camp Gordon, Ga., and J. M. Cumming, Turtle Creek, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit breaker. 2,381,307; Aug. 7.

Peel, Robert: *See*—
Bolden, G. L., and Peel.

Peeps, Donald J., assignor to The De Vilbiss Company, Toledo, Ohio. Spray nozzle. 2,373,596; Apr. 10.

Peer, Arthur R., Berkeley Spring, W. Va. Grademeter. 2,374,124; Apr. 17.

Peer, Lyle H. B., Schenectady, N. Y., assignor to General Electric Company. Display apparatus. 2,377,175; May 29.

Peerless Equipment Company: *See*—
Van Loan, Morton, Jr., assignor.

Peerless Handcuff Company: *See*—
Kelley, Francis G., assignor.

Peerless Tube Company: *See*—
Remington, F., and Tartaglia, assignors.

Peerpatco, Incorporated: *See*—
Pavlish, A. E., and Austin, assignors.

Peery, Norman B., assignor to Shell Development Company, San Francisco, Calif. Contacting vapors or gases with finely divided contact materials. 2,386,169; Oct. 2.

Peevey, Lafayette H., Alameda, Calif. Outlet box extension. 2,378,861; June 19.

Peevey, Lafayette H., Alameda, Calif. Conduit or pipe support. 2,382,577; Aug. 14.

Peffer, Charles L., New York, N. Y. Eyeshield or visor. 2,377,645; June 5.

Pegg, Edward H. R., and I. R. Cummings, Lakewood, Ohio, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electrical dust-precipitator system and interchangeable parts therefor. 2,380,992; Aug. 7.

Pelk, Paul G., assignor to The General Tire & Rubber Company, Akron, Ohio. Sound deadener. 2,386,502; Oct. 9.

Pelker, Alfred L.: *See*—
Kienle, R. H., Amick, and Pelker.
Kienle, R. H., and Pelker.

Pelrce, Allison B., El Paso, Tex. Propelling means. 2,374,125; Apr. 17.

Peirce, George A.: *See*—
Hill, D. P., and Peirce.

Peirce, William B., Pittsburgh, assignor to Flannery Bolt Company, Bridgeville, Pa. Drill rod. 2,373,850; Apr. 17.

Peirson, Harold T., Brooklyn, N. Y. Seal for window sash. 2,383,155; Aug. 21.

Peitsman, Ralph M.: *See*—
Levin, Nathan, assignor.

Pejka, John, Detroit, Mich. Combination bed. 2,371,409; Mar. 13.

Pekny, Edward R., Buffalo, N. Y., assignor to Curtiss-Wright Corporation. Latch. 2,378,654; June 19.

Pelenberg, Joseph, New York, N. Y. Electric egg cooker. 2,372,978; Apr. 3.

Peli, Phil S., and A. F. Wallace, Honolulu, Hawaii. Cable and structural shape cutter. 2,384,130; Sept. 4.

Pelland, Raymond L., Jr., assignor to National Cylinder Gas Company, Chicago, Ill. Torch holding and adjusting device. 2,390,896; Dec. 11.

Pellegrino, Joseph, Palisade Park, N. J., assignor to American Can Company, New York, N. Y. Can uprighting device. 2,370,188; Feb. 27.

Pellett, Fred G., Alplaus, N. Y., assignor to General Electric Company. Mica sheet and making the same. 2,367,047; Jan. 9.

Pelling Chain Company: *See*—
Lawson, Birdsall P., assignor.

Pelphrey, Harry, assignor to Michigan Tool Company, Detroit, Mich. Gear cutter. 2,374,890; May 1.

Peltier, Frank D., Horsham, assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Evaporator. 2,381,686; Aug. 7.

Peltier, Frank D., Horsham, assignor to Philco Corporation, Philadelphia, Pa. Evaporator-condenser construction. 2,387,465; Oct. 23.

Pelton Water Wheel Company, The: *See*—
White, Ira M., assignor.

Pelzer, Harold H., assignor to Michael M. Scharf, New York, N. Y. Sewing machine attachment. 2,378,096; June 12.

Pemberton, George H.: *See*—
McGrory, W. L., Pemberton, and Marinetti.

Pemberton, J. R., et al.: *See*—
Dale, Clarence R., assignor.

Pemco Corporation: *See*—
Stufft, Paul C., assignor.
Turk, Richard H., assignor.

Peña, Rafael J., New York, N. Y., assignor to Oxzyn Company. Manufacture of multiply devices. 2,382,169; Aug. 14.

Peña, Ralph J.: *See*—
Valentine, J. E., and Peña.

Penberthy, Harvey L., assignor to Eastman Kodak Company, Rochester, N. Y. Method and apparatus for grinding and polishing wedges. 2,378,243; June 12.

Penberthy, Harvey L., assignor to Eastman Kodak Company, Rochester, N. Y. Treatment of optical surfaces. 2,382,660; Aug. 14.

Penberthy, Harvey L., assignor to Eastman Kodak Company, Rochester, N. Y. Forming lens surfaces. 2,384,638; Sept. 11.

Pendry, William J., Brentwood, Calif. Folding table. 2,389,930; Nov. 27.

Penick, Arthur J., Houston, Tex. Cleaning mop. 2,373,050; Apr. 3.

Penick, Arthur J., Houston, Tex. Valve assembly. 2,376,619; May 22.

Penick, Arthur J., Houston, Tex. Producing equipment for wells. 2,382,578; Aug. 14.

Penick, Arthur J., Houston, Tex. Gate valve assembly. 2,385,463; Sept. 25.

Penisten, J. Robert, assignor to Universal Oil Products Company, Chicago, Ill. Hydrogen fluoride alkylation process. 2,273,338; Mar. 27.

Penker, Ernest, Flushing, assignor to Etched Products Corporation, Long Island City, N. Y. Method of and apparatus for indexing dials. 2,372,389; Mar. 27.

Penn Electric Switch Co.: *See*—
Houghton, L. S., and Rothwell, assignors.
Kearney, Kenneth O., assignor.
Rothwell, J. J., and Wagner, assignors.
Shaw, Burton E., assignor.
Shaw, B. E., and Swanson, assignors.

Penn, Melvin P., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,373,909; Apr. 17.

Penn-Standard Sole Cementing Process, Inc.: *See*—
Anderson, William S., assignor.

Penney, Elizabeth, executrix: *See*—
Penney, Harold D.
Penney, H. D., and Whiteman.

Penney, Gaylord W., and R. A. Nielsen, Wilkinsburg, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Gas-cleaning means and methods. 2,382,253; Aug. 14.

Penney, Gaylord W., and R. A. Nielsen, Wilkinsburg, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Precipitator. 2,382,254; Aug. 14.

Penney, Harold D., deceased, Pelham, N. Y., by E. Penney, executrix, Stamford, Conn., assignor to Dunwoody Automatic Gun and Projectile Company, Washington, D. C. Breech mechanism for firearms. 2,370,189; Feb. 27.

Penney, Harold D., deceased, Pelham, and C. E. Whiteman, Richmond Hill, N. Y.; E. Penney, executrix, assignors to P. H. Bosse, Chicago, Ill. Ash tray for vehicles and the like. 2,377,713; June 5.

Penney, Raymond A., assignor to St. Paul Hydraulic Hoist Company, Minneapolis, Minn. Truck elevator. 2,390,268; Dec. 4.

Penning, Nicholas J., Milwaukee, Wis. Sealing composition. 2,388,568; Nov. 6.

Pennington, David M., North Hollywood, Calif. Stand. 2,375,685; May 8.

Pennington, Edmund W.: *See*—
Bergstron, Carl A. and W. C., Hedin, and Pennington.

Pennington, Gordon R., Bloomfield Hills, assignor to Chrysler Corporation, Highland Park, Mich. Clutch control. 2,387,346; Oct. 23.

Pennock, Joseph R., Cleveland, Ohio. Trouser supporter. 2,367,238; Jan. 16.

Pennow, Willis A., Cleveland, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Lighting unit. 2,376,806; May 22.

Pennsylvania Bituminous Coal Research, Inc.: *See*—
Guthrie, Speer W., assignor.
Pilcher, J. M., and Dennis, assignors.
Spicer, T. S., and Wright, assignors.

Pennsylvania Coal Products Company: *See*—
Cotton, William J., assignor.
Norton, Arthur J., assignor.
Rhodes, Philip H., assignor.

Pennsylvania Crusher Company: *See*—
Krider, George E., assignor.

Pennsylvania Manufacturing Company: *See*—
Hallowell, H. T., Jr., assignor.
Hallowell, Howard T., Jr., assignor.

Pennsylvania Industrial Chemical Corporation: *See*—
Carmody, William H., assignor.

Pennsylvania Railroad Company, The: *See*—
Keller, William M., assignor.
Liebegott, G. H., and Seel, assignors.
Showers, Lewis M., assignor.
Silversparre, Gustav A., assignor.
Steins, Carleton K., assignor.
White, Joseph W., assignor.

Pennsylvania Rubber Company: *See*—
Humphrey, Walter E., assignor.
Larabee, Albert F., assignor.
Pennsylvania Salt Manufacturing Company, The: *See*—
Lowe, Charles S., assignor.
Miles, Charles B., assignor.
Plump, Ralph E., assignor.
Riggs, W. S., and Lehmann, assignors.
Penrose, William F., Irvington, N. J., assignor to Empire Electric Brake Corporation. Rheostat. 2,383,987; Sept. 4.
Pentheny, George W., East Lansdowne, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Valve operating mechanism. 2,385,537; Sept. 25.
Penther, Carl J., and F. B. Rolfson, Oakland, assignors to Shell Development Company, San Francisco, Calif. Electromagnetic apparatus for pipe-line surveys. 2,382,743; Aug. 14.
Perks, Albert D., New York, N. Y. Centrifugal clutch. 2,367,048; Jan. 9.
Perks, Albert D., New York, N. Y. Fluid coupling. 2,368,725; Feb. 6.
Perks, Albert D., New York, N. Y. Power transmission mechanism. 2,381,772; Aug. 7.
People in the territory of the United States, Dedicated to the free use of the: *See*—
Claborn, Houston V.
Derry, Frank M.
Hall, S. A., Travis, and Jones.
Love, Howard T.
Peoples Trust Company, Executors, et al.: *See*—
Every, Elmer D.
Pepersack, Francis J.: *See*—
Ebel, W. K., and Pepersack.
Peppel, William J., Bellemoor, assignor to E. I. du Pont de Nemours & Company. Wilmington, Del. Amides. 2,391,267; Dec. 18.
Pepper, Guy J.: *See*—
Merritt, Charles H., assignor.
Percentograph Inc.: *See*—
Turnbaugh, Elbert L., assignor.
Perroco, Richard A., Mamaroneck, N. Y. Stapling machine. 2,380,785; July 31.
Perroco, Richard A., Mamaroneck, N. Y. Staple. 2,380,786; July 31.
Percy, James W., Jersey City, N. J., assignor to United States Steel Corporation. Pyrometer tube. 2,374,377; Apr. 24.
Percy, James W., Jersey City, J. Johnston, Short Hills, and R. B. Sosman, Westfield, N. J., assignors to United States Steel Corporation of Delaware. Surface temperature pyrometer. 2,366,285; Jan. 2.
Percy, Joseph H., New York, N. Y., assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Treatment of fatty glycerides. 2,383,614; Aug. 28.
Perfect Circle Company, The: *See*—
McFall, T. E., and Norton, assignors.
Teetor, Macy O., assignor.
Perfection Products Co., Inc.: *See*—
Madan, Philip K., assignor.
Perfection Stove Company: *See*—
Focke, T. E., Dahlstrom, and Kirkpatrick, assignors.
Perfex Corporation: *See*—
Deubel, Justin A., assignor.
Hotchkiss, Clifford, assignor.
Malone, Homer E., assignor.
Malone, H. E., and Frerer, assignors.
Miller, Wayland R., assignor.
Stuart, Fred W., assignor.
Tate, Virgil R., assignor.
Perham, Roy G., Hasbrouck Heights, N. J. Clamp for returning the edges of a wound in apposition. 2,371,978; Mar. 20.
Perishables Shipping Equipment Company: *See*—
Isenberg, R. A., Pershing, King, Jr., Patton, and Caraway, assignors.
Perkin-Elmer Corporation, The: *See*—
Broenke, George A., assignor.
Perkins, Albert G., Warsaw, N. Y., assignor to Centrifline Corporation, Ampere, N. Y. Pipe coating apparatus. 2,373,638; Apr. 10.
Perkins, Eugene M., Boston, Mass. Razor. 2,383,887; Aug. 28.
Perkins, Leon F., Wayland, Mass. Interchangeable typewriter carbon. 2,370,749; Mar. 6.
Perkins Machine and Gear Company: *See*—
Oakley, John, assignor.
Perkins, Myrle M.: *See*—
Belchetz, A., and Perkins.
Keith, P. C., and Perkins.
Perkins, Ralph P., assignor to The Dow Chemical Company, Midland, Mich. Preparation of allcyclic-alkyl halides. 2,377,714; June 5.
Perkins, Roderick B., Jr.: *See*—
Nees, G. S., and Perkins.
Perkins, Walter W., and E. Annis, Salem, assignors to Reid Brothers Company, Inc., Beverly, Mass. Grinding machine. 2,373,336; Apr. 10.
Perlin, Samuel, New York, N. Y. Portfolio. 2,390,958; Dec. 11.
Permanente Metals Corporation, The: *See*—
Mower, W. W., and Van Loenen, assignors.
Permutit Company, The: *See*—
Bowers, Herbert L., assignor.
Dean, J. G., Helligman, and Riley, assignors.
Gurney, William B., assignor.
Liebknecht, Otto, assignor.
Nachod, Frederick C., assignor.
Pick, Eric, assignor.
Riley, R., and Nachod, assignors.
Pero, George J., Mount Pleasant, Iowa. Metal-cutting machine. 2,367,521; Jan. 16.
Perret, Henri, Zug, Switzerland, assignor to Landis & Gyr, A. G. Toggle mechanism. 2,368,775; Feb. 6
Perret, Henri, Zug, Switzerland, assignor to Landis & Gyr, A. G. Electric switch. 2,382,022; Aug. 14.
Perreton, Arnold, Durham, N. H. Window sash support. 2,374,618; Apr. 24.
Perri, Antonio, McKees Rocks, Pa. Paddle construction. 2,371,541; Mar. 13.
Perrin, Francis: *See*—
Goldstein, L., and Perrin.
Perrin, Francis, and B. Pregel, assignors to Canadian Radium & Uranium Corporation, New York, N. Y. Relay. 2,375,130; May 1.
Perrine, John H.: *See*—
Bruun, J. H., and Perrine.
Perrine, John H., Prospect Park, assignor to Sun Oil Company, Philadelphia, Pa. Amides. 2,389,453; Nov. 20.
Perrot, Henri, Paris, France; vested in the Alien Property Custodian. Pressed metal sole for shoes and shoe embodying said sole. 2,371,912; Mar. 20.
Perrotta, Raffaele, Pueblo, Colo. Car seal. 2,368,613; Feb. 6
Perry, Andrew W., Harrow, assignor to Pictorial Machinery Limited, London, E. C. 1, England. Press, particularly for photographic purposes. 2,375,491; May 8.
Perry, Anthony T., Owensboro, Ky., assignor to American Telephone and Telegraph Company. Testing arrangement for trunks to community dial offices. 2,389,076; Nov. 13.
Perry, Arlington C., assignor to Armstrong Cork Company, Lancaster, Pa. Apparatus for making variegated hard surface covering. 2,374,496; Apr. 24.
Perry, David B., assignor to Morse Chain Company, Ithaca, N. Y. Silent type chain. 2,379,825; July 3.
Perry, Edward W., Euclid, Ohio. Cooking grill. 2,384,847; Sept. 18.
Perry, Edward W., Euclid, assignor of thirty per cent to W. A. Stuart, Cleveland Heights, and thirty per cent to T. F. Schilling, Elyria, Ohio. Airplane propeller. 2,390,733; Dec. 11.
Perry, Eugene L., Bloomfield, N. J., assignor to Universal Winding Company, Cranston, R. I. Apparatus for forming hollow articles. 2,366,212; Jan. 2.
Perry, Eugene L., Bloomfield, N. J., assignor to Universal Winding Company, Cranston, R. I. Making hollow articles. 2,369,488; Feb. 13.
Perry, Eugene L., Bloomfield, N. J., assignor to Universal Winding Company, Boston, Mass. Method of and apparatus for forming tubular articles. 2,385,230; Sept. 18.
Perry, Eugene R., Forest Hills, and H. C. Guhl, Pittsburgh, assignors to Westinghouse Electric & Manufacturing Company, Inc., East Pittsburgh, Pa. Pad. 2,372,114; Mar. 20.
Perry, Frank R., Sacramento, Calif. Making abrasive material. 2,383,988; Sept. 4.
Perry, Frederick J., Sr., North Arlington, N. J. Sheet binding means. 2,372,115; Mar. 20.
Perry, Landis H., assignor to Don Baxter, Inc., Glendale, Calif. Tubing and needle holder. 2,366,424; Jan. 2.
Perry, Norvin: *See*—
Phinney, Robert H.
Perry, Richard G.: *See*—
Wylde, J. R., and Perry.
Perry, Robert E. W., West Hollywood, Los Angeles, Calif. Apparatus for practicing football goal kicking. 2,382,744; Aug. 14.
Perry, Stanley, Chicago, Ill., assignor to Oil Devices, Santa Fe, N. Mex. Horizontal pot type burner. 2,391,069; Dec. 18.
Perry, Stanley, Chicago, Ill., and M. D. Huston, Columbus, Ohio, assignors to Oil Devices, Santa Fe, N. Mex. Adjustable tertiary air supply means for pot type burners. 2,373,910; Apr. 17.
Perry, Stephen F., Roselle, N. J., assignor to Standard Oil Development Company. Isomerization process. 2,391,189; Dec. 18.
Perry, Thomas M., West Hartford, and F. H. Hunter, Wethersfield, assignors to M. H. Rhodes Incorporated, Hartford, Conn. Mechanical time fuse for ordnance equipment. 2,376,080; May 15.
Perry, Walter M., Glenbrook, Conn. One-piece self-locking nut. 2,390,662; Dec. 11.
Perry, William E.: *See*—
Arnold, M. H. M., and Perry.
Perry, William R., and P. B. Reeves, assignors to Reeves Pulley Company, Columbus, Ind. Revolution indicator. 2,370,992; Mar. 6.
Perry, Winthrop L., and E. J. Abbott, assignors to Abbott Machine Company, Wilton, N. H. Winding machine. 2,377,367; June 5.

Perryman, George H., Teaneck, N. J. Table tennis ball manufacture. 2,378,034; June 12.
Pershing, Richard S.: *See*—
Isenberg, R. A., Pershing, King, Jr., Patton, and Caraway.
Persin, Jean, Paris, France; vested in the Alien Property Custodian. Press button closure band. 2,382,907; Aug. 14.
Persinger, James R., Burbank, Calif. Shoe holder. 2,383,678; Aug. 28.
Persons, Merle C., Fort Sill, Okla Airplane mooring appliance. 2,380,702; July 31.
Persson, Sven H., assignor to Aktiebolaget Duba, Stockholm, Sweden. Chlorine dioxide manufacture. 2,376,935; May 29.
Pertile, Albeno D., and H. J. Barnett, Tacoma, Wash. Strongback. 2,377,933; May 29.
Pertuit, Hector V., New Orleans, La. Grapple. 2,387,408; Oct. 23.
Pesco Products Co.: *See*—
Alders, William H., assignor.
Compton, James A., assignor.
Compton, J. A., and Paul, assignors.
Haberland, Frederick, assignor.
Lauck, John A.
Lauck, John A., assignor.
Roth, Jay M., assignor.
Peter, Albin, Basel, assignor to Sandoz A. G., Fribourg, Switzerland. Acylamines of the anthraquinone series and their manufacture. 2,374,891; May 1.
Petering, Harold G., Metuchen, N. J., and P. W. Morgal, East Lansing Mich., assignors to The Michigan State Board of Agriculture. Isolating chemical compounds from materials of nature. 2,383,561; Aug. 28.
Petering, Wilbur H.: *See*—
Aitchison, A. G., and Petering.
Petering, Wilbur H., South Charleston, W. Va., and A. G. Aitchison, Westfield, N. J., assignors to Westvaco Chlorine Products Corporation, New York, N. Y. Degreasing process. 2,371,644; Mar. 20.
Petering, Wilbur H., Metuchen, and A. G. Aitchison, Westfield, N. J., assignors to Westvaco Chlorine Products Corporation, New York, N. Y. Degreasing process. 2,371,646; Mar. 20.
Petering, Wilbur H., Metuchen, and A. G. Aitchison, Westfield, N. J., assignors to Westvaco Chlorine Products Corporation, New York, N. Y. Degreasing process 2,371,647; Mar. 20.
Petermann, William B., et al., trustees: *See*—
Boehmler, Erving M., assignor.
Peters, Byron M., Lathrop, Calif. Agricultural cart. 2,377,959; June 12.
Peters, Carl E.: *See*—
Rau, D. K., and Peters.
Peters, John G.: *See*—
Cantrell, T. L., and Peters.
Peters-Dalton, Inc.: *See*—
Fenn, Orrin E., assignor.
Peters, Francis J.: *See*—
Kimmle, E. W., and Peters.
Peters, Franklin T., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Composition of matter. 2,374,126; Apr. 17.
Peters, Franklin T., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dispersions of ethylene polymers. 2,384,848; Sept. 18.
Peters, Fred D., Webb City, Okla., assignor to Phillips Petroleum Company. Automatic length adjuster. 2,390,324; Dec. 4.
Peters, Galen H., Los Angeles, Calif. Poppet valve-actuating mechanism. 2,378,726; June 19.
Peters, Harry, Scribner, Nebr. Latching mechanism for endgates. 2,388,075; Oct. 30.
Peters, Henry W., Watertown, Mass. Safety catch and making the same. 2,378,496; June 19.
Peters, James S.: *See*—
Scott, W. F., and Peters.
Peters, John F., Leonia, N. J., assignor to American Can Company, New York, N. Y. Can body maker. 2,379,920; July 10.
Peters, John F., Leonia, N. J., assignor to American Can Company, New York, N. Y. Can body necking-in machine. 2,380,462; July 31.
Peters, John F., Leonia, N. J., assignor to American Can Company, New York, N. Y. Can body maker. 2,390,120; Dec. 4.
Peters, John G.: *See*—
Smith, H. G., Cantrell, and Peters.
Peters, Lawrence E., Muncie, Ind. Airplane wing. 2,372,447; Mar. 27.
Peters, Melville F., Beltsville, Md., and J. E. D. McCarty, Jackson Heights, N. Y.; said McCarty assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Spark plug. 2,367,840; Jan. 23.
Peters, Melville F., Beltsville, Md, and R. H. Stone, deceased, by E. E. Stone, Middlesex, N. J., and E. D. Stone, Rochester, N. Y., executrices; said Peters and R. H. Stone assignors to Titeflex, Inc. Radio shielding. 2,368,376; Jan. 30.
Peters, Melville F., Beltsville, Md. Commutator brush. 2,375,818; May 15.
Peters, Walter C., Horley, England. Lock nut. 2,385,159; Sept. 18.
Petersen, Albert O., San Francisco, Calif. Launching device for ships. 2,372,390; Mar. 27.
Petersen, Charles A., Erie, Pa., assignor to General Electric Company. Electric protective system. 2,382,908; Aug. 14.
Petersen, Johannes, Aalborg, Denmark; vested in the Alien Property Custodian. Coin-actuated device. 2,371,260; Mar. 13.
Petersen, Julius S., Burlington, Iowa, J. W. Miller, Toledo, H. L. Wendshuh, Maumee, and B. H. Moser, assignors to The De Vilbiss Company, Toledo, Ohio. Spray coating machine. 2,376,980; May 29.
Petersen, Leland B., Salt Lake City, Utah, assignor to Remington Arms Company, Inc., Bridgeport, Conn. Inverted primer removal device. 2,383,339; Aug. 21.
Petersen, Otto H., Schenectady, N. Y., assignor to General Electric Company. Control and indicating apparatus. 2,370,576; Feb. 27.
Petersen, Robert P., Philadelphia, Pa. Mold for concrete bombs. 2,388,569; Nov. 6.
Petersen, Thorkild, Elgin, Ill., assignor to Pure Milk Cheese Co. Cheese forming apparatus and method. 2,366,553; Jan. 2.
Petersen, Thorvald, assignor to Reed Manufacturing Company, Erie, Pa. Folding tripod. 2,380,911; July 31.
Petersen, Walter C., and M. G. Kuch, assignors to The Buckeye Traction Ditcher Company, Findlay, Ohio. Cable lift frame assembly for tractors. 2,376,181; May 15.
Petersen, William H., assignor to Sheetlock Company, Chicago, Ill. Joining and cornering strips. 2,379,179; June 26.
Peterson, Adolphe C., Minneapolis, Minn. Auxiliary autogyro means. 2,385,464; Sept. 25.
Peterson, Adolphe C., Minneapolis, and C. R. Ralter, St. Paul, Minn. Sewage sludge, screenings, and garbage combustion apparatus. 2,389,077.
Peterson, Alfred J. A.: *See*—
MacNeill, J. B., Peterson, and Parker.
Travers, H. A., and Peterson.
Peterson, Amos J., Berwyn, assignor to Club Aluminum Products Co., Chicago, Ill. Filter device for coffee maker. 2,390,269; Dec. 4.
Peterson, Arnold P. G.: *See*—
Karplus, E., and Peterson.
Peterson, Arthur L., Long Beach, Calif. Dental floss holder. 2,375,686; May 8.
Peterson, Carl C., Burlington, Ontario, Canada. Hand nail driving and countersinking apparatus. 2,379,826; July 3.
Peterson, Carl D., and A. H. Deimel, assignors to Spicer Manufacturing Corporation, Toledo, Ohio. Power transmission. 2,369,369; Feb. 13.
Peterson, Carl D., and A. H. Deimel, Toledo, Ohio. Balking ring clutch. 2,378,788; June 19.
Peterson, Carl D., and A. H. Deimel, Toledo, Ohio. Overrunning clutch construction. 2,382,331; Aug. 14.
Peterson, Carl D., and E. J. Barth, Toledo, Ohio. Gear shifting mechanism. 2,385,231; Sept. 18.
Peterson, Carl D., and R. R. Burkhalter, Toledo, Ohio. Synchronizing clutch. 2,391,268; Dec. 18.
Peterson, Carl E., Upper Montclair, N. J. Cutting implement. 2,382,440; Aug. 14.
Peterson, Dewey A.: *See*—
McMordie, S., and Peterson.
Peterson, Edward S., Elmwood Park, Ill., assignor to Automatic Electric Laboratories, Inc. Radio antenna controlling system. 2,374,892; May 1.
Peterson, Edwin L., New York, and G. W. Papenmeyer, Malverne, N. Y., assignors to American Telephone and Telegraph Company. Automatic telephone answering system. 2,376,272; May 15.
Peterson, Eric W.: *See*—
Gibson, J. L., and Peterson.
Peterson, Ernest, Cuyahoga Falls, and A. B. Merrill, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Composite roll. 2,367,796; Jan. 23.
Peterson, Frederick H., Watertown, assignor to The Patent Button Company, Waterbury, Conn. Button attaching machine. 2,377,263; May 29.
Peterson, Frederick H., Watertown, and R. R. Clarke, assignors to The Patent Button Company, Waterbury, Conn. Snap fastener. 2,385,850; Oct. 2.
Peterson, Harold A.: *See*—
Boehne, E. W., and Peterson.
Peterson, Harold O., Riverhead, N. Y., assignor to Radio Corporation of America. Transmission line seal and insulator. 2,368,566; Jan. 30.
Peterson, Harold O., Riverhead, N. Y., assignor to Radio Corporation of America. Directive antenna. 2,375,580; May 8.
Peterson, Harold O., Riverhead, N. Y., assignor to Radio Corporation of America. Frequency measuring system. 2,380,868; July 31.
Peterson, Harold O., Riverhead, N. Y., assignor to Radio Corporation of America. Automatic recording system. 2,385,641; Sept. 25.
Peterson, Harry B., Jr., Drexel Hill, Pa., assignor to The Baldwin Locomotive Works. Reversing mechanism for engines. 2,376,182; May 15.
Peterson, Harry B., Jr., Drexel Hill, Pa., assignor to The Baldwin Locomotive Works. Cab structure for Diesel engines. 2,385,642; Sept. 25.

Peterson, Hillis S., assignor to Higgins Industries, Incorporated, New Orleans, La. Vibration-reducing control unit. 2,385,881; Oct. 2.
Peterson, Howard R., Chicago, Ill., and F. H. MacLaren, Munster, Ind., assignors to Standard Oil Company, Chicago, Ill. Stabilization. 2,374,127; Apr. 17.
Peterson, James H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Titanium oxide pigment production. 2,369,246; Feb. 13.
Peterson, Joel B.: *See*—
Barthen, C. L., Peterson, and McClintock.
Peterson, John A., and J. E. Bruce, Chicago, Ill. Towel rack. 2,383,366; Nov. 6.
Peterson, Kermit W., et al.: *See*—
Hedberg, Aldrich R., assignor.
Peterson, Merlin D.: *See*—
Brooks, R. E., Peterson, and Weber.
Peterson, Merlin D.: *See*—
Weber, A. G., and Peterson.
Peterson, Merlin D., Edgemoor Terrace, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of cyclohexane. 2,373,501; Apr. 10.
Peterson, Merlin D., Edgemoor Terrace, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymerization process. 2,388,178; Oct. 30.
Peterson, Norman R., assignor to The Dow Chemical Company, Midland, Mich. Making porous insulating articles. 2,378,322; June 12.
Peterson, Oscar, Elizabeth, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Solubilization of formaldehyde polymers. 2,373,777; Apr. 17.
Peterson, Oscar R., Oakland, assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Wheel gauge adjustment. 2,371,261; Mar. 13.
Peterson, Oscar R., Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Heavy duty portable crane. 2,380,069; July 10.
Peterson, Raymond A., Pasadena, Calif., assignor to United Geophysical Company, Inc. Geological prospecting system. 2,388,703; Nov. 13.
Peterson, Raymond E., Riverside, Ill., assignor to International Harvester Company. Fuel injection pump. 2,381,555; Aug. 7.
Peterson, Ruben O., assignor to The Osborn Manufacturing Company, Cleveland, Ohio. Brush and brush material. 2,388,867; Nov. 13.
Peterson, Walter H.: *See*—
Anderson, J., Peterson, and McAllister.
Peterson, Walter H., and J. A. Berkeley, assignors to Shell Development Company, San Francisco, Calif. Producing beta-olefins. 2,375,687; May 8.
Peterson, Willard D.: *See*—
Seymour, M. W., and Peterson.
Vittum, P. W., and Peterson.
Peterson, William B., Jr., assignor to Pacific Can Company, San Francisco, Calif. Valve for pressure chambers. 2,374,619; Apr. 24.
Peterson, William R., Chicago, and A. G. Ford, Oak Park, Ill., assignors to Vapor Car Heating Company, Inc., Chicago, Ill. Snap action switch. 2,387,089; Oct. 16.
Peterson, William R., and J. E. La Rocque, assignors to Vapor Car Heating Company, Inc., Chicago, Ill. Heat motor. 2,391,342; Dec. 18.
Pethick, Ford C., Scranton, Pa. Loading and unloading vehicles. 2,385,025; Sept. 18.
Petri, Werner: *See*—
Engelhard, H., and Petri.
Petrie, Samuel L, Mount Sidney, Va. Clamp applying tool. 2,386,570; Oct. 9.
Petro-Chem Process Company: *See*—
Wallis, J. S., and Throckmorton, assignors.
Petro-Chem Process Company Incorporated: *See*—
Throckmorton, J. W., and Wallis, assignors.
Wallis, J. S., and Throckmorton, assignor.
Petroe, Gregory A., Kenmore, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Valve mechanism. 2,377,176; May 29.
Petrogalar Laboratories, Inc.: *See*—
Le Beau, Arthur, assignor.
Petroleum Conversion Corporation: *See*—
Dorsett, W. C., Sperling, and Walker, assignors.
Petroleum Heat and Power Company: *See*—
Bulger, William A., assignor.
Petrolite Corporation, Ltd.: *See*—
Allen, Gwynne, assignor.
Blair, Charles M. Jr., assignor.
De Groote, Melvin, assignor.
De Groote, M., and Keiser, assignors.
De Groote, M., Keiser, and Blair, assignors.
De Groote, M., Keiser, and Wirtel, assignors.
Eddy, H. C., assignor.
Eddy, Harold C., assignor.
McDonald, Louis E., assignor.
Morris, Clarence S., assignor.
Nees, G. S., and Perkins, assignors.
Turner, Delber W., assignor.
Wirtel, Arthur F., assignor.
Petrometer Corporation: *See*—
Bierman, Daniel H., assignor.
Petrov, John M., Cleveland, Ohio. Device for computing compound angles. 2,380,070; July 10.
Petrullo, John A., New York, N. Y. Finger cot. 2,389,237; Nov. 20.
Petsch, Harold A.: *See*—
Gille, W. H., and Petsch.
Pettapiece, George S.: *See*—
Lewers, T. R., and Cairns, assignors.
Petter, Noel A., Los Angeles, Calif. Carrier for group of articles. 2,374,893; May 1.
Pettersen, Gunnar N., Oslo, Norway; vested in the Alien Property Custodian. Door closer with oil brake. 2,369,601; Feb. 13.
Petti, Edward E.: *See*—
Budner, Joseph, assignor.
Pettibone Mulliken Corporation: *See*—
Larsen, Paul V., assignor.
Pettit, James W., Portland, Oreg. Cantilever spring. 2,386,571; Oct. 9.
Petty, Daniel H.: *See*—
Den Breejen, A., Amari, Luce, Petty, and R. and T. K. Webster, Jr.
Petty, Olive S.: *See*—
Darnell, Edward F., assignor.
Hasbrook, Arthur F., assignor.
Narvarte, Peter E., assignor.
Parr, Josephus O., Jr., assignor.
Reichert, Conrad, assignor.
Rogers, S. D., Rudolph, and Crawford, assignors.
Petty, Olive S., San Antonio, Tex. Automatic volume control for recorder amplifiers. 2,367,049; Jan. 9.
Petty, Wesley, and C. H. Wiley, Bitingham, Ill. Screen printing apparatus. 2,369,602; Feb. 13.
Petty, Wiley, La Grange Park, assignor to United States Gypsum Company, Chicago, Ill. Cementing and applying building tape. 2,366,674; Jan. 2.
Petty, Wiley, La Grange Park, assignor to United States Gypsum Company, Chicago, Ill. Applying building tape. 2,366,675; Jan. 2.
Petzinger, Ambrose J., Paterson, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electrical measuring device. 2,390,811; Dec. 11.
Petzold, Ralph, Mitchell, Nebr. Potato extruder. 2,385,538; Sept. 25.
Pevere, Ernest F., Beacon, assignor to The Texas Company, New York, N. Y. Conversion of hydrocarbons. 2,389,739; Nov. 27.
Peyer, Frank, Bethlehem, Pa. Ingot tongs. 2,384,396; Sept. 4.
Peyrebrune, Henri E., River Forest, and B. B. Pasquinelli, assignors to The Miehle Printing Press and Manufacturing Company, Chicago, Ill. Sheet feeder. 2,377,447; June 5.
Pezzaglia, Philip: *See*—
Ross, W. E., and Pezzaglia.
Pezzano, Joseph, Staten Island, N. Y. Combination wardrobe and cabinet. 2,375,581; May 8.
Pezzano, Joseph, Staten Island, N. Y. Combination wheel chair, table, and bed. 2,383,840; Aug. 21.
Pfaff, Harry E.: *See*—
Sanderson, D., Pfaff, and Garrison.
Pfaff, Kaspar, M. Erlenbach, and W. Finkenbrink, Frankfort-on-the-Main-Hochst, H. Maier-Bode, W. Kreis, Bitterfeld, K. Meisenburg, Leverkusen, and M. Maisenheimer, Leverkusen-Kuppersteg, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Insecticides. 2,375,382; May 8.
Pfann, Harry F., Greenwich, and E. L. Kropa, Old Greenwich, Conn., assignors to American Cyanamid Company, New York, N. Y. Ester gums from polyallyl alcohol. 2,376,504; May 22.
Pfannmuller, Julius, North Plainfield, N. J., and A. L. Schade and H. Schleich, New Dorp, Staten Island, assignors to Wallerstein Company, Inc., New York, N. Y. Bating skins and hides. 2,373,410; Apr. 10.
Pfau, Howard, Cincinnati, Ohio. Men's neckwear. 2,388,993; Nov. 13.
Pfeffer, Anton W., Spokane, Wash. Nail. 2,376,936; May 29.
Pfeffer, Edward C.: *See*—
Maier, C. E., Flugge, and Pfeffer.
Pfelfer, Walter T., New York, N. Y. Engine. 2,380,120; July 10.
Pfeiffer, David C., and J. M. Hill, Dallas, Tex. Desiccating apparatus. 2,374,232; Apr. 24.
Pfeiffer, William C., assignor to The Egry Register Company, Dayton, Ohio. Pin wheel register. 2,389,813; Nov. 27.
Pfeil, Melvin P., Cincinnati, Ohio. Floating signal light. 2,366,929; Jan. 9.
Pfenning, Henry D., Beaverton, assignor of one-half to B. P. John Furniture Corporation, Portland, Oreg. Edge gluing wood veneers. 2,376,244; June 12.
Pfennig, Reuben F.: *See*—
Lillard, J. G., and Pfennig.
Pfenninger, Hans, assignor to Aktiengesellschaft Brown, Boveri & Cie., Baden, Switzerland. Gas turbine power plant. 2,390,959; Dec. 11.
Pfingsten, August F., Rock Rapids, Iowa. Combination aerial and turn indicator. 2,366,671; Jan. 9.
Pfizer, Chas., & Co., Inc.: *See*—
Kane, J. H., Finlay, and Amann, assignors.
Pflager, Harry M., St. Louis, Mo., assignor to General Steel Castings Corporation, Granite City, Ill. Railway truck structure. 2,374,776; May 1.
Pflager, Harry M., St. Louis, Mo., assignor to General Steel Castings Corporation, Granite City, Ill. Railway truck structure. 2,374,777; May 1.

Pflager, Harry M., St. Louis, Mo., assignor to General Steel Castings Corporation, Granite City, Ill. Battle tank. 2,376,720; May 22.
Pflasterer, George R., Greenville, assignor to The Union Switch and Signal Company, Swissvale, Pa. Railway signaling. 2,366,802; Jan. 9.
Pflasterer, George R., Greenville, assignor to The Union Switch and Signal Company, Swissvale, Pa. Railway signaling. 2,366,803; Jan. 9.
Pfleger, George T., assignor to U. S. Electrical Motors, Inc., Los Angeles, Calif. Centrifugal casting apparatus. 2,381,616; Aug. 7.
Pfleger, Kenneth W., Arlington, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,367,522; Jan. 16.
Pfleger, Kenneth W., Arlington, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric circuit arrangement employing delay networks. 2,379,744; July 3.
Pfleger, Kenneth W., Arlington, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,384,336; Sept. 4.
Pfleiderer, Georg, and H. J. Riedl, Ludwigshafen-on-the-Rhine, Germany; vested in the Alien Property Custodian. Preparing hydrogen peroxide. 2,369,912; Feb. 20.
Pfleumer, Hans, New Brunswick, N. J., assignor to Rubatex Products, Inc., New York, N. Y. Gas expanding closed cellular rubber. 2,372,793; Apr. 3.
Pfleumer, Hans, New Brunswick, N. J., assignor to Rubatex Products, Inc., New York, N. Y. Collapsible mold. 2,374,233; Apr. 24.
Pfleumer, Hans, New Brunswick, N. J., assignor to Rubatex Products, Inc., New York, N. Y. Reflective vulcanizing chamber. 2,377,177; May 29.
Pfleumer, Hans, New Brunswick, N. J., assignor to Rubatex Products, Inc., New York, N. Y. Expanded cell tight rubber-avoidance of surface stickiness. 2,383,734; Aug. 28.
Pfohl, Anthony J., and C. M. Wood, assignors to The Philip Carey Manufacturing Company, Lockland, Ohio. Pipe wrapping machine. Re. 22,591; Jan. 16.
Pharo, Lee C., Thetford Mines, Quebec, assignor to Johnson's Company, Thetford Mines, West, Quebec, Canada. Asbestos treatment. 2,386,713; Oct. 9.
Pharo, Lee C., Thetford Mines, Quebec, assignor to Johnson's Company, Thetford Mines, West, Quebec, Canada. Asbestos separating. 2,386,714; Oct. 9.
Pharo, Lee C., Thetford Mines, Quebec, assignor to Johnson's Company, Thetford Mines, West, Quebec, Canada. Asbestos processing. 2,386,715; Oct. 9.
Pheasey, George W., Nottingham, England. Detachable clip fastener. 2,366,456; Jan. 2.
Phelan, Louis A. M., Rockton, Ill. Freezer chamber and evaporator. 2,381,617; Aug. 7.
Phelan, Louis A. M., Beloit, Wis. Package vending machine. 2,385,465; Sept. 25.
Phelan, Stephen R., Memphis, Tenn. Making geophysical surveys. 2,382,093; Aug. 14.
Phelon, Russell E., assignor to Wico Electric Company, West Springfield, Mass. Centrifugal spark control mechanism for flywheel magnetos. 2,388,994; Nov. 13.
Phelps Dodge Corporation: *See*—
Tuwiner, S. B., and Dodge, assignors.
Phelps, Donald S., Harvard, Mass., assignor to The American Agricultural Chemical Company, New York, N. Y. Settling of phosphate ore materials. 2,381,514; Aug. 7.
Phelps Dodge Products Corporation: *See*—
Merrell, Edwin J., assignor.
Phelps, George H., Floral Park, and G. J. Frischmann, Queens Village, assignors to Metropolitan Engineering Company, Brooklyn, N. Y. Finishing welded article. 2,385,160; Sept. 18.
Phelps, Guy W., and H. C. Black, assignors to Industrial Patents Corporation, Chicago, Ill. Stabilization of fatty materials. 2,374,234; Apr. 24.
Phelps, Ross H., assignor to Nash-Kelvinator Corporation, Kenosha, Wis. Automotive suspension. 2,372,849; Apr. 3.
Phenix, Fladger: *See*—
Whatley, Wilson W., II, assignor.
Phenix Manufacturing Company, Inc.: *See*—
Buehner, Christ, assignor.
Philadelphia Valve Company: *See*—
Jensen, James A., assignor.
Philbrick, Robert S., York, Pa. Pneumatic clutch. 2,379,592; July 3.
Philco Corporation: *See*—
Dalley, Donald E., assignor.
Fayers, Alfred A., assignor.
Jones, Welton P., assignor.
Peitier, Frank D., assignor.
Sunstein, David E., assignor.
Philco Radio and Television Corporation: *See*—
Albright, Robert B., assignor.
Amore, Leo J., assignor.
Barton, Loy E., assignor.
Bingley, Frank J., assignor.
Bingley, F. J., and Bradley, assignors.
Bobb, Lloyd J., assignor.
Bradley, William E., assignor.
Brown, Gilbert G., assignor.
Burton, E. O., and Nichol, assignors.
Closson, Luke E., assignor.
Philco Radio and Television Corporation: *See*—Continued
Dale, Colin B., assignor.
Jensen, D. H. L., and Harman, assignors.
McCoy, Claudius T., assignor.
McDonough, Charles J., assignor.
Paiste, Henry T., Jr., assignor.
Patterson, George, Jr., assignor.
Peltier, Frank D., assignor.
Pittman, Charles A., Jr., assignor.
Rundell, Theodore W., assignor.
Smith, David B., assignor.
Stephan, Ingo L., assignor.
Thompson, Elmer O., assignor.
Travis, Charles, assignor.
Vansant, John S., assignor.
Whittell, P., and Carraine, assignors.
Zindel, George, Jr., assignor.
Philipp, Lawrence A., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Air conditioning apparatus. 2,382,502; Aug. 14.
Philipp, Lawrence A., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,391,507; Dec. 25.
Philips Lampen A.-G.: *See*—
Stettler, Oskar, assignor.
Phillips, Benjamin, assignor to Phillips Pump & Tank Company, Cincinnati, Ohio. Lifting jack. 2,369,603; Feb. 13.
Phillips, Bernard C., assignor to The Tillotson Manufacturing Company, Toledo, Ohio. Carburetor. 2,387,676; Oct. 23.
Phillips, Burdette H: *See*—
Daly, G. F., Malmros, and Phillips.
Watson, T. J., and Phillips.
Phillips, Charles C., Cleveland, Ohio. Automatic gas cutoff. 2,375,131; May 1.
Phillips, Dick G.: *See*—
Tiner, W. J., and Phillips.
Phillips, Dorothy E.: *See*—
Hahn, H. V., and Phillips.
Phillips, Dwight M., Fullerton, assignor to Chiksan Tool Company, Brea, Calif. Joint for electrical conductors. 2,369,849; Feb. 20.
Phillips, Dwight M., Fullerton, assignor to Chiksan Tool Company, Brea, Calif. Swing joint. 2,379,035; June 26.
Phillips, Dwight M., Fullerton, assignor to Chiksan Tool Company, Brea, Calif. Fluid handling coupling. 2,383,679; Aug. 28.
Phillips, Edwin M., East Orange, N. J. Binder. 2,367,687; Jan. 23.
Phillips, Ellsworth B., assignor of fifty per cent to F. Trinajstrich, and fifty per cent to L. Trinajstrich, Los Angeles, Calif. Collet chuck. 2,383,156; Aug. 21.
Phillips, Eugene H. J., Fort Worth, Tex. Aircraft landing system. 2,371,979; Mar. 20.
Phillips, Ewell C., Dayton, Ohio. Self-sealing fuel tank. 2,391,477; Dec. 25.
Phillips, Frederick G., Port Moody, British Columbia, Canada. Lamp base remover. 2,382,170; Aug. 14.
Philips, George B., Glenshaw, Pa., and J. R. Tuarl, Fairport Harbor, Ohio, assignors to Blaw-Knox Company, Blawnox, Pa. Shaft bearing. 2,388,570; Nov. 6.
Phillips, Gerald E.: *See*—
Hewlett, A. P., and Phillips.
Phillips, Gerald E., Cranford, N. J., assignor to Standard Oil Development Company. Chemical composition. 2,384,960; Sept. 18.
Phillips, Gerald E., Cranford, N. J., assignor to Standard Oil Development Company. Stabilizing a petroleum oil. 2,388,076; Oct. 30.
Philips, Harlow D., assignor to Eastman Kodak Company, Rochester, N. Y. Film spool. 2,391,269; Dec. 18.
Phillips, Harold P., assignor to Hastings Manufacturing Company, Hastings, Mich. Apparatus for treating pistons. 2,368,377; Jan. 30.
Phillips, Harold P., assignor to Hastings Manufacturing Company, Hastings, Mich. Piston ring. 2,372,979; Apr. 3.
Phillips, Harold P., assignor to Hastings Manufacturing Company, Hastings, Mich. Machine for the manufacture of piston rings. 2,378,960; June 12.
Phillips, Harold P., assignor to Hastings Manufacturing Company, Hastings, Mich. Piston ring. 2,387,854; Oct. 30.
Phillips, Harold P., assignor to Hastings Manufacturing Company, Hastings, Mich. Piston ring. 2,387,855; Oct. 30.
Phillips, Harry F., assignor to Baush Machine Tool Company, Springfield, Mass. Boring and milling machine. 2,367,887; Jan. 23.
Phillips, Henry, W. R. Middlebrook, and A. E. Higgins, assignors to Wool Industries Research Association, Leeds, England. Imparting to wool a gloss similar to that of natural silk. 2,373,974; Apr. 17.
Phillips, Hervey B., South Orange, and H. F. Springer, Bloomfield, N. J., assignors to Addressograph-Multigraph Corporation, Wilmington, Del. Printing machine. 2,372,736; Apr. 3.
Phillips, John P., North Hollywood, Calif., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Equal movement system. 2,378,497; June 19.

Phillips, John X., Vienna, assignor to G. T. Smith and E. G. Hill, Richmond, Va., trustees. Airplane pickup mechanism. 2,383,680; Aug. 28.

Phillips, Maxwell E., Stockton, Calif. Nut harvester. 2,386,881; Oct. 16.

Phillips, Nelson E.: *See*—
Lovell, W. G. and Phillips.

Phillips, Oliver V.: *See*—
Goble, R. W., Phillips, and Lippincott.

Phillips Petroleum Company: *See*—
Albert, Walter L., Jr., assignor.
Allen, John G., assignor.
Allen, J. G., and Wolk, assignors.
Arnold, Philip M., assignor.
Axe, William N., assignor.
Ayres, Charles E., assignor.
Bailey, G. C., and Reid, assignors.
Bender, Elmer H., assignor.
Benz, George R., assignor.
Bergen, Daniel E., assignor.
Blumer, Donald R., assignor.
Boatright, R. G., Jr., and Hewitt, assignors.
Boyd, James H., Jr., assignor.
Buell, Charles K., assignor.
Carney, Samuel C., assignor.
Carpenter, Frank T., assignor.
Cole, Ralph C., assignor.
Conn, Miller W., assignor.
Dolesal, E., Weber, and Hubby, assignors.
Douslin, Donald R., assignor.
Douslin, D. R., and Weinaug, assignors.
Drennan, Harry E., assignor.
Drennan, H. E., and Schulze, assignors.
Dutcher, Harris A., assignor.
Foster, Arch L., assignor.
Frey, Frederick E., assignor.
Frey, F. E., and Hepp, assignors.
Frey, F. E., and Jones, assignors.
Garretson, Owen L., assignor.
Gerson, Gerhard, assignor.
Hachmuth, Karl H., assignor.
Hays, Harrison L., assignor.
Heimers, Carl J., assignor.
Hepp, Harold J., assignor.
Hillyer, John C., assignor.
Hudson, T. B., and Turner, assignors.
Huntington, Richard L., assignor.
Jones, Jean P., assignor.
Katz, D. L., and Whaley, assignors.
Kaveler, H. H., and Piety, assignors.
Kelley, Carl S., assignor.
King, R. A., Word, and Sims, assignors.
Krejci, Joseph C., assignor.
Latchum, John W., Jr., assignor.
Latchum, J. W., Jr., and Upham, assignors.
Legatski, Harold R., assignor.
Loy, John W., assignor.
Mahan, John E., assignor.
Matuszak, Maryan P., assignor.
Mayfield, Franklin D., assignor.
Messmore, H. E., and Mason, assignors.
Morris, Lloyd C., assignor.
Nye, J. Marshall, assignor.
Oberfell, George G., assignor.
Oberfell, G. G., and Jones, assignors.
Owen, James R., assignor.
Pankratz, Howard J., assignor.
Patterson, Robert J., assignor.
Peters, Fred D., assignor.
Piety, Raymond G., assignor.
Pryor, Robert C., assignor.
Reid, James A., assignor.
Rise, John A., Jr., assignor.
Roach, Wendell W., assignor.
St. Clair, Theodore A., assignor.
Schulze, Walter A., assignor.
Schulze, W. A., and Axe, assignors.
Schulze, W. A., and Guyer, assignors.
Schulze, W. A., Hillyer, and Drennan.
Schulze, W. A., and Hillyer, assignors.
Schulze, W. A., Hillyer and Drennan, assignors.
Shanley, James J., assignor.
Short, Graham H., assignor.
Short, G. H., and Morris, assignors.
Short, G. H., and Oberfell, assignors.
Sievers, Carl F., assignor.
Snow, Robert D., assignor.
Stormont, Joseph E., assignor.
Tooke, James W., assignor.
Upham, John D., assignor.
Upham, J. D., and Wolk, assignors.
Wagner, Cary R., assignor.
Walls, W. S., and Dean, assignors.
Whaley, Thomas H., assignor.
Whaley, Thomas H., Jr., assignor.
Weber, Louis J., assignor.
Welling, Charles E., assignor.
Whaley, Thomas H., Jr., assignor.
Wolk, I. Louis, assignor.
Wolk, I. L., and Upham, assignors.
Wolk, I. L., and Whaley, assignors.

Phillips Pump & Tank Company: *See*—
Phillips, Benjamin, assignor.

Phillips, Sydney H., Los Angeles, and C. C. Wisberg, El Segundo, assignors to Douglas Aircraft Company, Inc., Santa Monica, Calif. Tube closure. 2,371,913; Mar. 20.

Phillips, William A., London, E. C. 4, England. Composite structure and structural element. 2,389,238; Nov. 20.

Phillips, William M., Jr.: *See*—
Linkh, G., and Phillips.

Phillips, William M., Jr., assignor to The Udylite Corporation, Detroit, Mich. Torch for welding thermoplastic material. 2,372,737; Apr. 3.

Phillis, William A., assignor to Beaver Pipe Tools, Inc., Warren, Ohio. Abrasive cut-off machine. 2,388,434; Nov. 6.

Philo, Frank G., Long Beach, Calif., assignor to General Electric Company. Governing mechanism. 2,368,567; Jan. 30.

Phinney, Robert H., New York, N. Y., and N. Perry, Stamford, Conn.; said Perry assignor to said Phinney. Apparatus for sorting articles. 2,369,794; Feb. 20.

Phipps, John D. B., London, England. Liquid-operated classifier. 2,373,051; Apr. 3.

Phipps, John T., Huntington Park, assignor to H. C. Smith Oil Tool Co., Compton, Calif. Bit. 2,370,070; Feb. 20.

Phipps, John T., Huntington Park, assignor to M. O. Johnston Oil Field Service Corporation, Los Angeles, Calif. Hook wall well packer. 2,382,094; Aug. 14.

Phipps, John T. Whittier, assignor, by mesne assignments, to Vernon Tool Co. Ltd., Alhambra, Calif. Locking and setting device. 2,389,869; Nov. 27.

Phonovision Corporation: *See*—
Eakins, John F., assignor.

Photoplastic Corporation: *See*—
Yanes, Francisco G., assignor.

Photo-Positive Corporation: *See*—
Crouse, George B., assignor.

Photoswitch Incorporated: *See*—
Wolfner, William F., II, assignor.

Piazze, Thomas E., Lyndhurst, N. J., assignor, by mesne assignments, to Champlain Company, Inc., New York, N. Y. Printing press. 2,368,776; Feb. 6.

Piazze, Thomas E., Lyndhurst, N. J., assignor, by mesne assignments, to Champlain Company, Inc., New York, N. Y. Inking mechanism. 2,376,620; May 22.

Picard, Stanislas, Cranston, assignor to The Monowatt Electric Corporation, Providence, R. I. Electrical connector. 2,389,454; Nov. 20.

Picciano, Michael A., Maywood, N. J., assignor to Breeze Corporations, Inc., Newark, N. J. Thermometeric apparatus. 2,379,317; June 26.

Pick, Eric, East Rockaway, assignor to The Permutit Company, New York, N. Y. Container closure. 2,372,391; Mar. 27.

Pick, Joseph W.: *See*—
Beck, C. W., and Pick.
Gaston, L. J., Jr., and Pick.
Hudson, E. B., Long, and Pick.

Pickard, Joseph A., Acton, London, assignor to The Metafiltration Company Limited, Middlesex, England. Filter. 2,374,953; May 1.

Pickens, Roy A., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Recovery of ilmenite by two stage flotation processes. 2,387,856; Oct. 30.

Picker X-Ray Corporation Waite Manufacturing Division, Inc.: *See*—
Ball, Jack, assignor.
Goldfield, E. R., Schiring, and Stava, assignors.

Pickering, Walter J.: *See*—
Lambert, Harry L., assignor.

Pickett, Frank M., Darien, Conn., assignor to Remington Rand Inc., Buffalo, N. Y. Copyholder for document photographing cameras. 2,377,514; June 5.

Pictorial Machinery Limited: *See*—
Perry, Andrew W., assignor.

Pidgeon, Lloyd M., Rockcliffe Park, assignor, by mesne assignments, to Dominion Magnesium Limited, Toronto, Ontario, Canada. Apparatus for producing magnesium by thermal reduction. 2,370,812; Mar. 6.

Pidgeon, Lloyd M., Rockcliffe Park, Ontario, assignor, by mesne assignments to Dominion Magnesium Limited, Toronto, Ontario, Canada. Apparatus for producing magnesium. 2,387,677; Oct. 23.

Piech, Frank E., Sayreville, N. J., assignor to Hercules Powder Company, Wilmington, Del. Cellulose derivative composition. 2,372,980; Apr. 3.

Piech, Frank E., Sayreville, N. J., assignor to Hercules Powder Company, Wilmington, Del. Cellulose acetate composition. 2,379,036; June 26.

Piechowski, Leona, Milwaukee, assignor of one-half to A. Hafemeister, Wauwatosa, Wis. Emergency umbrella. 2,385,937; Oct. 2.

Piening, Herbert: *See*—
Fiedler, Willi, assignor.

Pieper, Chester R., Warrenton, Mo. Electrical connector. 2,382,095; Aug. 14.

Pieper, Hartmann: *See*—
Dalmer, O., Diehl, and Pieper.

Pier, Mathias, Heidelberg, and F. Christmann, Ludwigshafen-on-the-Rhine, Germany; vested in the Alien Property Custodian. Making lubricants. 2,376,807; May 22.

Pier, Mathias, Heidelberg, and G. Free and W. v. Fuener, Ludwigshafen-on-the-Rhine, Germany; vested in the Alien Property Custodian. Production of hydrocarbons. 2,388,008; Oct. 30.

Pierce, Alan E., Bound Brook, N. J., assignor to American Cyanamid Company, New York, N. Y. Disulphanilylguanidine and preparing same. 2,390,734; Dec. 11.

Pierce, Charles W., La Crescenta, Calif., assignor to Viber Company. Paving machine. 2,382,096; Aug. 14.

Pierce, Edwin G., Cleveland, Ohio. Gas filter. 2,385,938; Oct. 2.

Pierce, Frank G., Des Moines, Iowa, and A. H. De Groote, Rolling Prairie, assignors to Mishawaka Rubber & Woolen Manufacturing Company, Mishawaka, Ind. Device for cutting sponge rubber or the like. 2,380,787; July 31.

Pierce, Frederic E., Los Angeles, Calif. Cleansing composition. 2,380,259; July 10.

Pierce Governor Company: *See*—
Benjamin, Walter E., assignor.
Biddle, Farrell D., assignor.

Pierce, Harold C., Pomona, Calif. Work shifting device. 2,377,034; May 29.

Pierce, Harry P.: *See*—
Clark, J. B., and Pierce.

Pierce, Hazel F., et al.: *See*—
Kopf, Robert Y., assignor.

Pierce, James B., Jr., deceased, Charleston W. Va.; The First National Bank of Tampa, Florida, executor. Manufacture of strontium oxide. 2,382,909; Aug. 14.

Pierce, James E., Bay City, Mich. Spooling machine. 2,371,184; Mar. 13.

Pierce, John A.: *See*—
Hunt, F. Y., and Pierce.
O'Brien, Joseph F., assignor.

Pierce, John B., Foundation: *See*—
Boynton, Earl S., assignor.
Davison, Robert L., assignor.
Morten, L. G., and O'Brien, assignors.
O'Brien, Joseph F., assignor.

Pierce, John S., J. M. Salsbury, and J. M. Fredericksen, Richmond, Va., said Salsbury, and said Fredericksen assignors to said Pierce. Amino alcohol esters. 2,372,116; Mar. 20.

Pierce, Joseph D.: *See*—
Griscom, S. B., and Pierce.

Pierce, Lawrence: *See*—
Immel, R. B., and Pierce.

Pierce, Lawrence, Edgewood, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Double-throw switch mechanism. 2,385,026; Sept. 18.

Pierce, Raymond C., Chicago, Ill. Brake disk. 2,372,984; Apr. 3.

Pierce, Raymond C., Chicago, Ill. Car truck. 2,380,902; July 31.

Pierce, Raymond C., Chicago, Ill. Brake. 2,386,907; Oct. 16.

Pierce, Raymond C., Chicago, Ill., assignor to American Steel Foundries, Chicago, Ill. Car truck. 2,377,178; May 29.

Pierce, Verlin, Windfall, Ind. Lock washer. 2,370,912; Mar. 6.

Pierce, Winslow S., Jr., Dublin, assignor to Miniature Precision Bearings, Keene, N. H. Precision pivot bearing. 2,375,322; May 8.

Pierer, Heinz: *See*—
Schubert, E., and Pierer.

Pieri, Edmond D., Detroit, and J. E. Bowen, Grosse Ile, Mich., assignors to National Steel Corporation. Structural member. 2,384,849; Sept. 18.

Pierotti, Gino J., Albany, assignor to Shell Development Company, San Francisco, Calif. Extractive distillation. 2,375,035; May 1.

Pierotti, Gino J., Albany, and C. L. Dunn, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Extractive distillation. 2,375,036; May 1.

Pierotti, Joseph, Oakland, Calif. Vacuum motor system. 2,376,937; May 29.

Pierrel, Joseph, New York, N. Y. Dial combination for radio apparatus. 2,378,498; June 19.

Pierrepont, Donald, Chadderton, Oldham, England. Guard for combing machines for combing textile fibers. 2,373,411; Apr. 10.

Pierrepont, Donald, Chadderton, Oldham, England. Clearer as used in combing machine or other machine for the treatment of textile fibers. 2,389,684; Nov. 27.

Pierson, Leslie C., Schenectady, N. Y., assignor to General Electric Company. Pressure responsive cutout switch and the like. 2,371,648; Mar. 20.

Pierson, Ralph C., Indianapolis, Ind., assignor to Union Carbide and Carbon Corporation. Acetylene generator valve mechanism. 2,387,347; Oct. 23.

Pierson, Ralph C., Indianapolis, Ind., assignor to Union Carbide and Carbon Corporation. Flash arrester. 2,391,592; Dec. 25.

Piesch, Karl H., New Orleans, La. Merry-go-round on water. 2,389,456; Nov. 20.

Pieszak, Anthony J., and E. M. Mulcahy, Dunkirk, N. Y. Train order delivering device. 2,377,264; May 29.

Piety, R. G.: *See*—
Kaveler, H. H., and Piety.

Piety, Raymond G., Bartlesville, Okla., assignor to Phillips Petroleum Company. Well surveying. 2,385,378; Sept. 25.

Piety, Raymond G., Bartlesville, Okla., assignor to Phillips Petroleum Company. Method of surface prospecting. 2,390,270; Dec. 4.

Piggott, Henry A.: *See*—
Buckley, G. D., and Piggott.

Pignone, Joseph, Brooklyn, assignor to Universal Camera Corporation, New York, N. Y. Camera. 2,380,610; July 31.

Pigott, Reginald J. S., assignor to Gulf Research & Development Company, Pittsburgh, Pa. Metalworking machine. 2,386,572; Oct. 9.

Pike, Robert D., Piedmont, Calif. Making bi-metal bond. 2,370,108; Feb. 20.

Pike, Robert D., assignor to Harbison-Walker Refractories Company, Pittsburgh, Pa. Production of magnesia and calcium carbonate from dolomite. 2,373,911; Apr. 17.

Pike, Robert D., assignor to Harbison-Walker Refractories Company, Pittsburgh, Pa. Production of magnesia from dolomite. 2,373,912; Apr. 17.

Pike, Robert D., assignor to Harbison-Walker Refractories Company, Pittsburgh, Pa. Production of magnesia and calcium carbonate from dolomite. 2,373,913; Apr. 17.

Pike, Robert D., Pittsburgh, Pa. Solution mining of trona. 2,388,009; Oct. 30.

Pike, Wickliffe H., Warren, Pa. Emergency gasoline tank. 2,389,685; Nov. 27.

Piker, Herbert M., assignor to The Hamilton Metal Products Company, Hamilton, Ohio. Metal carrying case. 2,374,037; Apr. 17.

Pilcher, Harold W., Rock Island, assignor to Deere & Company, Moline, Ill. Combine. 2,380,547; July 31.

Pilcher, John M., State College, and F. F. Dennis, Philadelphia, assignors to Pennsylvania Bituminous Coal Research, Inc., Altoona, Pa. Stoker. 2,380,260; July 10.

Pilcher, William S., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Apparatus for manufacturing explosives. 2,383,989; Sept. 4.

Pileggi, Vincent R., Philadelphia, Pa. Curling hair. 2,377,808; June 5.

Pilgrim Plastics, Inc.: *See*—
Desmond, Virginia D., assignor.

Pilkington Brothers Limited: *See*—
Joseph, Curt B., assignor.
Sherlock, Albert, assignor.

Pilkington, Francis S., assignor to Charles D. Holmes and Company Limited, Hull, England. Apparatus for dispersing liquid. 2,372,603; Mar. 27.

Pillsbury Flour Mills Company: *See*—
Coyne, William R., assignor.

Pillsbury, Howard G., Detroit, Mich., assignor to Chamberlin Company of America. Detention window. 2,385,585; Sept. 25.

Pillsbury Mills, Inc.: *See*—
Carter, Robert J. S., assignor.

Pilon, Alfred F.: *See*—
Corbin, W. S., Chilson, Tollison, Caffrey, and Pilon.

Pilot Marine Corp.: *See*—
Heist, Philip A., assignor.

Pimentel, Rafnel, Mexico City, Mexico; M. P. Atristain, executrix of said R. Pimentel, deceased. Cutting device. 2,380,898; July 31.

Pinckert, Carl W., assignor to Remis Bro. Bag Company, St. Louis, Mo. Making a bag material and the product thereof. 2,374,128; Apr. 17.

Pincus, Alexis G., assignor to American Optical Company, Southbridge, Mass. Glass composition. 2,381,925; Aug. 14.

Pine, Paul R., Middleburgh Heights, assignor to The Harshaw Chemical Company, Elyria, Ohio. Manufacture of manganese oxide compositions. 2,370,415; Feb. 27.

Pineles, S. Michael, et al: *See*—
Pietman, Harry, assignor.

Pineo, Orrin W., Milo, Maine, assignor to American Cyanamid Company, New York, N. Y. Spectrophotometer. 2,383,075; Aug. 21.

Pines, Herman: *See*—
Ipatieff, V. N., and Pines.

Pines, Herman, and V. N. Ipatieff, assignors to Universal Oil Products Company, Chicago, Ill. Manufacture of catalysts. 2,384,337; Sept. 4.

Pines, Herman, and V. N. Ipatieff, Riverside, assignors to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 2,385,300; Sept. 18.

Pines, Herman, and H. S. Bloch, Riverside, assignors to Universal Oil Products Company, Chicago, Ill. Purification of hydrogen halides. 2,389,457; Nov. 20.

Pines, Herman, and V. N. Ipatieff, Riverside, assignors to Universal Oil Products Company, Chicago, Ill. Manufacture of butadiene. 2,391,508; Dec. 25.

Pines, Herman, and V. N. Ipatieff, Riverside, assignors to Universal Oil Products Company, Chicago, Ill. Manufacture of butadiene. 2,391,509; Dec. 25.

Pingree, Raymond A., Cranston, assignor to Warwick Chemical Company, Warwick, R. I. Permanent waterproofing product and making it. 2,386,631; Oct. 9.
Pink, Chester A., Chicago, Ill., assignor to The Englander Company, Inc. Spring construction for mattresses and the like. 2,383,157; Aug. 21.
Pinkerton, Jack L., Long Beach, Calif. Steam boiler control. 2,385,161; Sept. 18.
Pinkett, Gardner D., Washington, D. C. Smoker's appliance. 2,375,243; May 8.
Pinkham, George: *See* Kingsinger, R., Pinkham, and Friegel.
Pinkham, Kermit E., Champaign, Ill. Pencil holder. 2,366,457; Jan. 2.
Pinkney, Paul S., and H. B. Stevenson, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Composition and process for cleaning and pickling ferrous metals. 2,383,681; Aug. 28.
Pinkston, John T., Jr., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 2,382,910; Aug. 14.
Pinsuti, Giuseppe F., New York, N. Y. Necktie. 2,385,726; Sept. 25.
Pioch, William F., and G. E. Scarlett, Detroit, assignors to Ford Motor Company, Dearborn, Mich. Method and apparatus for assembling aircraft fuselages. 2,374,894; May 1.
Pioch, William F., and G. E. Scarlett, assignors to Ford Motor Company, Dearborn, Mich. Mating fixture. 2,391,510; Dec. 25.
Pioch, William F., and J. W. Mistele, Detroit, assignors to Ford Motor Company, Dearborn, Mich. Machine tool for manufacturing aircraft wings. 2,391,511; Dec. 25.
Pioneer Parachute Company, Inc.: *See* Smith, Floyd, assignor.
Smith, Prevost F., assignor.
Piot, Marius, Roanne, France; vested in the Alien Property Custodian. Device for clamping members to shafts. 2,390,168; Dec. 4.
Piotrowski, Anthony, Chicago, Ill. Combination belt and vest. 2,376,004; May 15.
Pipa, John L., Jr.: *See* Sosnoskie, Peter A., assignor.
Pipe Line Service Corporation: *See* Mickelson, Alfred O., assignor.
Piper, Charles J., Washington, D. C. Pulling tool. 2,376,721; May 22.
Piper, Hannah W., et al.: *See* Piper, Henry S., assignor.
Piper, Henry S., assignor of one-fourth to I. M. Friach, and one-half to H. W. Piper, Minneapolis, Minn. Display frame. Re. 22,683; Oct. 16.
Piper, Roger J., Princeton, Ill. Posthole digger attachment for tractors. 2,384,557; Sept. 11.
Pipitone, Erasmo, Hoboken, N. J. Shoe-heel construction. 2,374,954; May 1.
Pipitone, Sal, assignor to La Marquise Footwear, Inc., New York, N. Y. Footwear. 2,370,109; Feb. 20.
Pipkin, Marvin, Cleveland Heights, Ohio, assignor to General Electric Company. Flash lamp and manufacture thereof. 2,383,076; Aug. 21.
Piponius, Adolf H., Tammerfors, Finland. Wood pulp separator. 2,367,961; Jan. 23.
Piqueres, Emile, Saint-Cloud, France; vested in the Alien Property Custodian. Apparatus for dispersing material in air. 2,374,699; May 1.
Piriach, Nikola B.: *See* Kristich, J. N., and Piriach.
Pirie, John H.: *See* Beaver, C. J., Davey, and Pirie.
Pirie, William J., Edinburgh, Scotland. Safety guard for interrupted cylinders. 2,366,930; Jan. 9.
Pirkle, Louis E.: *See* Fasce, E. V., and Pirkle.
Stahly, E. E., and Pirkle.
Piron, Emil H., assignor to Transit Research Corporation, New York, N. Y. Railway braking system. 2,368,726; Feb. 6.
Piron, Emil H., assignor to Transit Research Corporation, New York, N. Y. Coil spring suspension. 2,378,097; June 12.
Piron, Emil H., assignor to Transit Research Corporation, New York, N. Y. Spoke connector. 2,378,098; June 12.
Piron, Emil H., assignor to Transit Research Corporation, New York, N. Y. Coupling. 2,378,099; June 12.
Piron, Emil H., assignor to Transit Research Corporation, New York, N. Y. Body construction. 2,384,961; Sept. 18.
Piron, Emil H., assignor to Transit Research Corporation, New York, N. Y. Motor with separate drive shafts. 2,391,103; Dec. 18.
Pisapia, Nicholas: *See* Gillen, George M., assignor.
Pischel, Adolf, and J. P. McGreevy, New York, N. Y.; said McGreevy assignor to said Pischel. Application of wax. 2,379,745; July 3.
Pitar, Adolph, Brooklyn, N. Y. Toy. 2,372,680; Apr. 3.
Pitar, Adolph, Brooklyn, N. Y., assignor to S. Solomon and S. Rosen, doing business as Originalities, New York, N. Y. Billfold. 2,368,040; Jan. 23.
Pitinsky, Morris, and H. M. Gerst, Eatontown, and M. A. Shriro, Elberon, N. J. Test probe. 2,368,678; Feb. 6.
Pitkin, Roy S., Jr., Rochester, Minn. Communication system. 2,374,129; Apr. 17.
Pitman, Earle C., Red Bank, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cement softener and using the same. 2,366,353; Jan. 2.
Pitman, Earle C., Red Bank, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Airplane wing or fin with improved airfoil characteristics. 2,389,210; Nov. 20.
Pitman, Henry L., Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Combined typewriting and computing machine. 2,372,681; Apr. 3.
Pitney-Bowes Postage Meter Co.: *See* Burckhardt, Alfred, assignor.
Burckhardt, A., and Edman, assignors.
Burckhardt, A., and Rouan, assignors.
Burckhardt, A., and Sammis, assignors.
Knauer, Berthold, assignor.
Rouan, Francis J., assignor.
Pitometer Log Corporation: *See* Corbin, Francis L., assignor.
Pitre, Antonio S., U. S. Navy, and E. Wilson, Sebastopol, Calif. Conduit. 2,377,899; June 12.
Pitrot, Adrian R.: *See* Stewart, A., and Pitrot, assignors.
Pitt, William, Union, N. J. Loose-leaf binder. 2,377,179; May 29.
Pitt, William P., Union, N. J. Sheet for loose-leaf book pages. 2,375,582; May 8.
Pittenger, Everett J.: *See* Broyles, L. E., and Pittenger.
Pittman, Charles A., Jr., Sellersville, assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Variable speed phonograph drive. 2,381,079; Aug. 7.
Pittman, Walter F., Huntington Park, Calif., assignor to The American Paper Bottle Company, Toledo, Ohio Fabricating containers. 2,377,105; May 29.
Pittner, John A., West View, Pa., assignor, by mesne assignments, to Continental Can Company, Inc., New York, N. Y. Making tapered pails. 2,390,553; Dec. 11.
Pittsburgh Coke & Iron Company: *See* Riethof, George, assignor.
Pittsburgh Corning Corporation: *See* Ford, Walter D., assignor.
Jordan, John W., assignor.
Staples, Julian P., assignor.
Pittsburgh-Des Moines Company: *See* Jackson, James O., assignor.
Pittsburgh Equitable Meter Company: *See* Barge, Raymond H., assignor.
Niesemann, Fritz, assignor.
Thoresen, Einar, assignor.
Thoresen, E., and Marsh, assignors.
Pittsburgh Plate Glass Company: *See* Adams, Frederick W., assignor.
Ballintine, Elmer J., assignor.
Black, Lloyd V., assignor.
Campbell, George D., assignor.
Chenicek, Albert G., assignor.
Devol, Manson L., assignor.
De Witt, Bernard, assignor.
Dial, W. R., and Gould, assignors.
Downes, Daniel T., assignor.
Englehart, Oscar D., assignor.
Freeman, Stephen E., assignor.
Gage, F. W., and Gegner, assignors.
Gardner, Morris G., assignor.
Gerhart, Howard L., assignor.
Gerhart, H. L., and Adams, assignors.
Gregory, John J., assignor.
Halbach, Howard L., assignor.
Hall, Frank W., assignor.
Jenkins, John D., assignor.
Johnston, Perry, assignor.
Kesler, Leroy D., assignor.
Knudsen, Percy E., assignor.
Knudsen, P. E., and Diers, assignors.
Kling, Frederick E., assignor.
Lycan, W. H., and Eyre, assignors.
Means, Dwight, assignor.
Meunier, Vincent, assignor.
Miller, Robert A., assignor.
Minton, Gerald Z., assignor.
Moffett, E. W., and Smith, assignors.
Muskat, Irving E., assignor.
Muskat, I. E., and Strain, assignors.
Owen, William, assignor.
Pechukas, Alphonse, assignor.
Pollack, M. A., Muskat, and Strain, assignors.
Riethof, George, assignor.
Strain, Franklin, assignor.
Strain, F., and Kung, assignors.
Tarnopol, Milton S., assignor.
Vine, Benjamin H., assignor.
Pityo, Albert F.: *See* Ekstedt, J. W., and Pityo.
Pitzer, Edgar C., assignor to Standard Oil Company, Chicago, Ill. Stabilized conversion catalyst. 2,369,074; Feb. 6.
Pixley, William I., University City, Mo. Bearing mounting. 2,377,035; May 29.
Pizzarello, Roy A., Mount Vernon, assignor to Interchemical Corporation, New York, N. Y. Textile printing composition. 2,375,132; May 1.

Pizzi, Albert L: *See* Edelman, B., and Pizzi.
Pizzigoni, Alfred, Union City, N. J. Surface and contour grinder. 2,375,323; May 8.
Pizzirani, Dominick A., and F. M. Gould, U. S. Army, and S. Z. Avedikian, New York, N. Y. Sampler of granular material. 2,379,021; July 10.
Place, Bion C., assignor of one-half to G. E. Gagnier, Detroit, Mich. Fastener. 2,389,635; Nov. 27.
Place, Charles I., New Milford, assignor to The Torrington Manufacturing Co., Torrington, Conn. Centrifugal displacement apparatus. 2,387,348; Oct. 23.
Place, Leonard H., Huber, Oreg., assignor to Air Reduction Company, Incorporated. Apparatus for cutting corrugated plates and the like. 2,389,239; Nov. 20.
Place, Palmer B., Tenafly, N. J., assignor to Combustion Engineering Company, Inc., New York, N. Y. Steam separator. 2,378,429; June 19.
Place, Palmer B., Tenafly, N. J., assignor to Combustion Engineering Company, Inc., New York, N. Y. Steam separator. 2,378,862; June 19.
Place, Robert, assignor to Graphic Microfilm Service, Inc., Waltham, Mass. Synchronized feed bed and stationary microfilm camera. 2,371,542; Mar. 13.
Place, Roland P., Midland, Mich., assignor to Roland P. Place Co. Feeding device. 2,385,643; Sept. 25.
Place, Roland P., Co.: *See* Place, Roland P., assignor.
Place, Willard P.: *See* Agnew, N. F., and Place.
Placke, Everett H.: *See* Spurlino P., Placke, Eickman, and Kramer.
Plain, Frank, Oconto Falls, Wis. Nursing bottle holder. 2,366,931; Jan. 9.
Planett, Earl C., Downey, Calif. Welding band for pipe joints. 2,380,071; July 10.
Planiol, André P. E., Huntington, N. Y. Axial flow compressor. 2,371,706; Mar. 20.
Planiol, Andre P. E., Huntington, N. Y. Charge feeding system for internal-combustion engines. 2,374,130; Apr. 17.
Planiol, André P. E., Huntington, N. Y. Feed of exhaust gases to turbo superchargers. 2,379,541; July 3.
Planiol, André P. E., Huntington, and R. J. H. Planiol, New York, N. Y. Gaseous fluid turbine or the like. 2,369,795; Feb. 20.
Planiol, René J. H.: *See* Planiol, A. P. E. and R. J. H.
Plank, John E., Reedley, Calif. Figured mobile toy. 2,377,646; June 5.
Plant, Leland G.: *See* Forster, J. G., and Plant.
Plasco, Inc.: *See* Wolf, Charles, assignor.
Plastaras, James C., Laurelton, N. Y., assignor to Mergenthaler Linotype Company. Typographical composing and distributing machine. 2,383,158; Aug. 21.
Plastaras, James C., Laurelton, N. Y., assignor to Mergenthaler Linotype Company. Typographical machine. 2,383,159; Aug. 21.
Plastaras, James C., Laurelton, N. Y., assignor to Mergenthaler Linotype Company. Mouthpiece wiper for metal pots of typographical casting machines. 2,383,160; Aug. 21.
Plastic Binding Corporation: *See* Thoele, Lawrence J., assignor.
Plastic Cases, Inc.: *See* Sullivan, Norman M., assignor.
Plati, John T.: *See* Strain, W. H., Plati, and Warren.
Plating Processes Corporation: *See* Hampson, Frederick W., assignor.
Plating Products Co., The: *See* Wood, Oliver W.
Platt, Beverly H., Kansas City, Mo. Toy airplane. 2,384,193; Sept. 4.
Platz, Elwood T., assignor to Bulldog Electric Products Company, Detroit, Mich. Switch. 2,374,778; May 1.
Platz, Elwood T., assignor to Bulldog Electric Products Company, Detroit, Mich. Switch. 2,385,727; Sept. 25.
Platz, Henry T., assignor to Briggs Manufacturing Company, Detroit, Mich. Welding apparatus. 2,372,850; Apr. 3.
Plauche, Charles, et al.: *See* Simpson, Fielding B., assignor.
Plax Corporation: *See* Bailey, James, assignor.
Playette Corporation: *See* Wise, Lawrence, assignor.
Playford, Harry E., assignor to The Liberty Glass Company, Sapulpa, Okla. Stencil screen and making the same. 2,370,874; Mar. 6.
Playground Equipment Co., Inc.: *See* Franklin, Robert B., assignor.
Pleasant, Herman E., assignor to Crampton Manufacturing Company, Holland, Mich. Valve actuating lever. 2,370,750; Mar. 6.
Plebanek, Leonard Z., Chicago, Ill., assignor of one-third to A. Bird and one-third to C. J. Strebel. Manufacturing beaded cord. 2,366,932; Jan. 9.
Plecki, Frank, assignor to The Globe Company, Chicago, Ill. Shop truck construction. 2,373,412; Apr. 10.
Plensler, Alexander W., assignor to Belmont Radio Corporation, Chicago, Ill. Control apparatus. Re. 22,634; Apr. 17.
Plessey Company Limited, The: *See* Da Costa, Harry, assignor.
Martin, R. A., and Say, assignor.
Pugh, Cyril A., assignor.
Pugh, C. A., Booth, and Jarvis, assignors.
Say, Alan W., assignor.
Pletman, Harry, assignor of seventy per cent to H. Kornreich, Brooklyn, and thirty per cent to S. M. Pineles, New York, N. Y. Charged liquid dispensing device. 2,372,392; Mar. 27.
Plöen, Jan: *See* Lamm, U., and Plöen.
Ploetz, Charles M.: *See* Meyer, G. J., and Ploetz.
Plotin, Lawrence: *See* Ball, J. A., and Plotin.
Plott, George R., near Concord, N. C. Heddle frame. 2,381,308; Aug. 7.
Ployer, Otokar, Prague, Czechoslovakia; vested in the Alien Property Custodian. Air raid and like shelter. 2,369,604; Feb. 13.
Plum, John, Washington, D. C., and H. B. Maris, Riverdale, Md. Swivel. 2,384,490; Sept. 11.
Plum, Stephen H., II, Madison, N. J. Typewriting and manifolding. 2,390,554; Dec. 11.
Plumb, George W., Los Angeles, Calif., assignor to Adel Precision Products Corp. Spring nut with locking spur. 2,379,593; July 3.
Plumb, George W., Glendale, Calif., assignor to Adel Precision Products Corp. Spring nut. 2,383,211; Aug. 21.
Plump, Ralph E., Haddonfield, N. J., assignor to The Pennsylvania Salt Manufacturing Company, Philadelphia, Pa. Production of trichloro acids. 2,370,577; Feb. 27.
Plumeau, Joseph S., Bellaire, Long Island, and C. C. Ottoson, West Brighton, Staten Island, N. Y. Tire press. 2,373,975; Apr. 17.
Plummer, John F., Jr.: *See* Doyle, F. B., Markley, and Plummer.
Plummer, Stuart C., assignor to All American Aviation, Inc., Wilmington, Del. Ground station for air pickups. 2,367,607; Jan. 16.
Plummer, Stuart C., assignor to All American Aviation, Inc., Wilmington, Del. Transfer apparatus. 2,373,413; Apr. 10.
Plummer, Stuart C., assignor to All American Aviation, Inc., Wilmington, Del. Air pickup system. 2,373,414; Apr. 10.
Plunkett, Brian, Cumberland, Md., assignor to Celanese Corporation of America. Textile device. 2,375,324; May 8.
Plunkett, Brian, Cumberland, and R. C. Scheib, La Vale, Md., assignors to Celanese Corporation of America. Beam letoff. 2,383,562; Aug. 28.
Plusje, Mathijs H. R. J.: *See* De Bruijn, H., and Plusje.
Plyfiber Container Corporation: *See* McCrery, Harold E., assignor.
Plymold Corporation: *See* Goldman, Paul R., assignor.
Plymouth Cordage Company: *See* Farrell, Frederick W., assignor.
Miskelly, Raymond E., assignor.
Pneumatic Scale Corporation: *See* Howard, Stanley R., assignor.
Pneumatic Scale Corporation, Limited: *See* Everett, Arthur C., assignor.
Howard, Stanley R., assignor.
Lindholm, Arthur W., assignor.
Patterson, William S., assignor.
Robinson, George A., assignor.
Vergobbi, Robert W., assignor.
Pocahontas Fuel Company Incorporated: *See* Julyan, Fred G., assignor.
Julyan, F. G., and Schweickart, assignors.
Pochatko, Stephen E., Niagara Falls, N. Y. Photoprinting mask. 2,376,183; May 15.
Podbielniak, Walter J., Chicago, Ill., assignor to B. B. Schneider. Fractionation temperature gradient method of analysis. 2,377,900; June 12.
Podell, Abram I., New York, N. Y. Mixing attachment. 2,376,722; May 22.
Podesta, John W.: *See* Lapointe, F. J., and Podesta.
Podesta, John W., assignor to American Broach & Machine Co., Ann Arbor, Mich. Power transmission system. 2,382,023; Aug. 14.
Poeten, Benno: *See* Kurth, F. J., Honerkamp, Poeten, and Kunen.
Poffenberger, Noland, and R. D. Holmes, assignors to The Dow Chemical Company, Midland, Mich. Separation of ammonium chloridde and aliphatic amine hydrochlorides from mixtures of the same with copper chloride. 2,371,543; Mar. 13.
Pogioli, Vittorio, Milan, Italy; vested in the Alien Property Custodian. Valveless engine. 2,390,169; Dec. 4.
Pogue, Robert B., Orange, N. J., assignor to American Brake Shoe Company. Braking apparatus. 2,376,100; June 12.

Pohl, Walter M., Washington, D. C., assignor to Vickers, Incorporated, Detroit, Mich. Hydraulic retractor control. 2,379,180; June 26.

Pohl, Walter M., Washington, D. C., assignor to Vickers, Incorporated, Detroit, Mich. Synchronizing power control unit. 2,384,962; Sept. 18.

Pohl, Walter M., New Haven, Conn., assignor to Vickers, Incorporated, Detroit, Mich. Gun turret for mobile tanks. 2,388,010; Oct. 30.

Pohl, Walter M., New Haven, Conn., assignor to Vickers, Incorporated, Detroit, Mich. Hydraulic retractor control. 2,391,035; Dec. 18.

Pohle, Walter B., Lynn, Mass. Shank construction. 2,383,212; Aug. 21.

Polm, George H., Lorain, Ohio, assignor of one-half to C. P. Stocker and one-half to E. M. Heavens. Control circuit. 2,377,180; May 29.

Pointer, Robert W., Portland, Oreg. Low bed trailer. 2,389,211; Nov. 20.

Pointon, John E., assignor to Baker Perkins Limited, Peterborough, England. Mixing, kneading, shredding, puiping, and like machine. 2,389,545; Nov. 20.

Poirier, Ernest A., Waterville, Maine. Stock regulator for paper machines. 2,379,746; July 3.

Poirier, Ernest A., Waterville, Maine. Stock selecting apparatus for use with paper machines. 2,386,632; Oct. 9.

Pokorny, Frank J., assignor to I. T. E. Circuit Breaker Company, Philadelphia, Pa. Circuit breaker operating mechanism. 2,390,735; Dec. 11.

Polan, Albert S., et al.: *See*—
Polan, Lincoln M., assignor.

Polan, Charles, et al.: *See*—
Polan, Lincoln M., assignor.

Polan, E. G., et al.: *See*—
Polan, Lincoln M., assignor.

Polan, L. M., et al.: *See*—
Polan, Lincoln M., assignor.

Polan, Lake, Jr., et al.: *See*—
Polan, Lincoln M., assignor.

Polan, Lincoln M., assignor to A. S., E. G., L. M., C., and L. Polan, Jr., a partnership doing business as Zenith Optical Company, Huntington, W. Va. Polishing compound. 2,383,500; Aug. 28.

Polaroid Corporation: *See*—
Chubb, Lewis W., Jr., assignor.
Land, Edwin H., assignor.
Land, E. H., and Blake, assignors.
Land, E. H., and Grabau, assignors.
Smith, Robert A., assignor.
Thomas, Alexander, assignor.
Young, Clinton J. T., assignor.

Polasik, Floyd J., Woodstock, assignor of one-half to O. Reitz, Chicago, Ill. Paring attachment. 2,376,451; May 22.

Polcar, Marguerite, Euclid, Ohio. Mixer and beater. 2,374,831; May 1.

Polgar, William, New York, N. Y. Protective casing for textiles by the yard. 2,382,332; Aug. 14.

Polis, Samuel N., Brooklyn, N. Y. Game device. 2,371,262; Mar. 13.

Polk Development Company, The (not incorporated): *See*—
Polk, Ralph, Sr., and R., Jr., assignors.

Polk, Louis F., assignor to The Sheffield Corporation, Dayton, Ohio. Machine tool. 2,385,644; Sept. 25.

Polk, Ralph, Jr.: *See*—
Polk, Ralph, Sr., and R., Jr.

Polk, Ralph, Sr., and R., Jr., assignors to The Polk Development Company (not incorporated), Tampa, Fla. Treating fruit having a pit. 2,378,101; June 12.

Polkinghorn, Frank A., Bloomfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Automatic tuning. 2,375,133; May 1.

Pollack, Maxwell A., Austin, Tex., and I. E. Muskat, and F. Strain, Akron, Ohio, assignors to Pittsburgh Plate Glass Company, Allegheny County, Pa. Polymerizing unsaturated compounds. 2,370,578; Feb. 27.

Pollak, Arthur, New York, N. Y., and T. A. Willingham, Charleston, S. C., assignors to West Virginia Pulp and Paper Company, New York, N. Y. Purification of tall oil. 2,374,700; May 1.

Pollak, Frederick F., Yonkers, assignor to Domestic Egg Products Inc., New York, N. Y. Manufacture of water-soluble egg albumen. 2,377,961; June 12.

Pollak, Fritz, Jackson Heights, assignor to Oscar Kohorn & Co. Ltd., New York, N. Y. Reeling device and reeling. 2,384,963; Sept. 18.

Pollak, Joseph, Corp.: *See*—
Hasselbaum, Oscar H., assignor.

Pollak Manufacturing Company: *See*—
Markey, Roscoe L., assignor.

Pollard, Henry L.: *See*—
Meade, R. E., Pollard, and Rodgers, assignors.

Pollard, John H., Dallas, Tex. Embossed display. 2,390,663; Dec. 11.

Pollard, Robert R.: *See*—
Hixson, H. L., and Pollard.
Mitchell, D. H., and Pollard.

Pollard, Stanley M. and V. W. Windblad, New Westminster, British Columbia, Canada. Diamond wheel dresser. 2,369,405; Feb. 13.

Pollard, Willard L., Evanston, Ill. Transmission. 2,368,873; Feb. 6.

Pollard, Willard L., Evanston, Ill. Hydraulic planetary transmission. 2,378,035; June 12.

Polley, Sterling H., San Antonio, Tex. Hot die stamping and embossing machine. 2,370,416; Feb. 27.

Pollock, Gordon B., South Laguna, Calif. Camera construction. 2,388,995; Nov. 13.

Pollock, Martin S., East Chester, N. Y. Inkstand. 2,386,406; Oct. 9.

Pollock, Samuel W.: *See*—
Whipple, L. V., and Pollock.

Pollock, William A., Long Beach, Calif. Cable guide. 2,395,939; Oct. 2.

Polly, Orville L., Long Beach, and A. C. Byrons, Palos Verdes Estates, assignors to Union Oil Company of California, Los Angeles, Calif. Solvent extraction of mineral oils. 2,385,645; Sept. 25.

Polsen, Blanche H., et al.: *See*—
Polsen, S. D., and Nelson, assignors.

Polsen, Samuel D., and S. H. Nelson, assignors of one-fourth to B. H. Polsen and one-fourth to M. P. Nelson, Bridgeport, Conn. Dispensing apparatus. 2,378,430; June 19.

Polstra, Charles, Rockford, Ill. Vehicle coupling. 2,377,868; June 5.

Poltorak, Emil J.: *See*—
Driscoll, J., and Poltorak.

Polydoroff, Wladimir J., Wilmette, Ill. Loop antenna apparatus. 2,383,415; Aug. 21.

Polymerization Process Corporation, The: *See*—
Layng, Edwin T., assignor.

Polyzor Chemical Co., Inc.: *See*—
Firber, Edward, assignor.

Pomeroy, Richard D., Altadena, Calif., assignor to Santa Fe Springs Waste Water Disposal Company, Purifying oil field waste waters. 2,375,823; June 12.

Pomykala, Edmund S., Mobile, Ala. Underground storage tank. 2,382,171; Aug. 14.

Poncelet, Archie R. J., West Los Angeles, Calif. Twist drill gauge. 2,377,715; June 5.

Pond, William B., West Englewood, and G. R. Holt, Hohokus, assignors to Bendix Aviation Corporation, Teterboro, N. J. Filter. 2,389,814; Nov. 27.

Poniatoff, Alexander M., et al.: *See*—
Litton, Charles V., assignor.

Ponnock, Leon, Philadelphia, Pa. Writing tablet. 2,367,608; Jan. 16.

Ponomareff, Alexander I., Upper Darby, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Blower apparatus. 2,391,512; Dec. 25.

Pontius, George W., III, assignor to Bendix Aviation Corporation, South Bend, Ind. Charger motor. 2,389,996; Nov. 27.

Pontius, George W., III, and A. P. Wilson, assignors to Bendix Aviation Corporation, South Bend, Ind. Solenoid operated valve. 2,379,181; June 26.

Pontius, George W., III, and R. J. Reek, assignors to Bendix Aviation Corporation, South Bend, Ind. Gun turret. 2,389,997; Nov. 27.

Pool, Stuart D.: *See*—
Millard, L. P., and Pool.

Pool, Stuart D., and E. L. Faust, Moline, Ill., assignors to International Harvester Company. Tractor implement. 2,371,842; Mar. 20.

Poole, Arthur B., Harwinton, Conn. Shaded-pole synchronous electric motor. 2,382,333; Aug. 14.

Poole, Arthur J., Belleville, assignor to The Babcock & Wilcox Company, Jersey City, N. J. Fluent fuel burner. 2,380,463; July 31.

Poole, Clement E., Uniontown, and A. P. Stone, Akron, assignors to Wright Tool & Forge Company, Barberton, Ohio. Procedure and equipment for forging or forming articles. 2,368,069; Jan. 23.

Poole, Frederick A., Barrington, assignor to Production Instrument Company, Chicago, Ill. Registering and counting apparatus. 2,368,874; Feb. 6.

Poole, Lloyd C.: *See*—
Linsenmeyer, J. Z., and Poole.
Pearson, R. W., and Poole.

Poole, Lloyd C., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electronic control system. 2,370,071; Feb. 20.

Poole, Lora E., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Machine for assembling shafts and armature cores. 2,390,170; Dec. 4.

Poole, Lora E., and E. R. Fausset, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Machine for manufacturing dynamo armatures. 2,390,897; Dec. 11.

Poole, Ralph, London, England. Liquid trap. 2,381,837; Aug. 7.

Poole, Ralph, London, England. Wind indicator. 2,390,384; Dec. 4.

Pooler, Earle E., assignor to himself and H. Boyer, Cambridge, Mass., and C. A. Crestensen, Stoughton, Mass. Mounting for lighting tubes. 2,390,385; Dec. 4.

Poor & Company: *See*—
Chester, A. E., and Reisinger, assignors.
Lansing, Horace L., assignor.
Preston, Frederick A., assignor.

Poor, William F., Swampscott, Mass. Ski press. 2,384,850; Sept. 18.

Poorman, John E., Philadelphia, Pa. Reversing mechanism. 2,384,044; Sept. 4.

Pootjes, Peter, Temple City, assignor to Western Precipitation Corporation, Los Angeles, Calif. Multistage centrifugal separating apparatus. 2,372,514; Mar. 27.

Pope, Louis A., Melrose, Mass. Black-out flashlight. 2,371,775; Mar. 20.

Pophal, Erle G., St. Pauls, N. C. Arc lamp and carbon guide. 2,374,497; Apr. 24.

Popham, Frederick J. W., New Barnet, assignor to The British Rubber Producers' Research Association, London, England. Resinous condensation products and the like. 2,379,375; June 26.

Popik, George, Hartford, Conn. Oil repellent protector for shoes. 2,373,596; Apr. 10.

Popov, Vladimir D., Prague-Bubenec, Bohemia and Moravia; vested in the Alien Property Custodian. Conveying material from one machine to another. 2,378,579; June 19.

Popp, Rudolf, assignor to McGill Manufacturing Company, Valparaiso, Ind. Housing for electrical switches. 2,368,679; Feb. 6.

Popp, Rudolf, assignor to McGill Manufacturing Company, Valparaiso, Ind. Switch mechanism. 2,378,655; June 19.

Poppe, George W., Brooklyn, assignor to Equitable Paper Bag Co. Inc., Long Island City, N. Y. Making album bags. 2,385,846; Sept. 25.

Poppe, George W., Brooklyn, assignor to Equitable Paper Bag Co. Inc., Long Island City, N. Y. Bag. 2,385,647; Sept. 25.

Popper, Charles, New York, N. Y., assignor to Automatic Turbine Drive Company, Inc. Hydraulic coupling. 2,388,571; Nov. 6.

Popper, Otto, Johannesburg, Transvaal, Union of South Africa. Vaginal obturator. 2,391,343; Dec. 18.

Porch, Howard L.: *See*—
Sells, O. S., and Porch.

Porete Manufacturing Company: *See*—
Cueni, Clemens P., assignor.

Porocel Corporation: *See*—
La Lande, William A., Jr., assignor.

Porsche, Jules D., Clarendon Hills, assignor to Armour and Company, Chicago, Ill. Preparation of cholesterol. 2,371,467; Mar. 13.

Porsche, Jules D., Clarendon Hills, Ill., and G. Josh, Crown Point, Ind., assignors to Armour and Company, Chicago, Ill. Drying of materials. 2,374,455; Apr. 24.

Porsche, Jules D., and Fred J. Solms, assignors to Armour and Company, Chicago, Ill. Recovering bile pigments. 2,386,716; Oct. 9.

Portable Products Corporation: *See*—
Nelms, G. C., Coggeshall, Berry, and Wilbur, assignors.

Porteous, William K., St. Margaret's, Twickenham, England. Disintegrator for sewage sludge and for like purposes. 2,369,312; Feb. 13.

Porteous, William K., Saint Margarets, assignor of fifteen one-hundredths to Towler & Son Limited, London, England. Control system for regulating the coordinated filling and emptying of vessels. 2,372,448; Mar. 27.

Porteous, William K., London S. W. 1, and W. T. Marchment, London W. 4, assignors of fifteen one-hundredths to Towler & Son, Ltd., Stratford, London, England, and eighty-five one-hundredths to said Porteous. Co-ordinated control of cyclical operations on fluid and like materials. 2,372,449; Mar. 27.

Porter, Albert M., Newton, Kans. Engine. 2,383,213; Aug. 21.

Porter-Cable Machine Company, The: *See*—
Emmons, Arthur N., assignor.

Porter, Frank, Syracuse, assignor to The Solvay Process Company, New York, N. Y. Manufacture of phenols. 2,382,944; Aug. 14.

Porter, Gerald D., and H. B. Whittington, Portland, Oreg. Attachment for drills. 2,379,182; June 26.

Porter, Henry D., and A. Weissberger, assignors to Eastman Kodak Company, Rochester, N. Y. Iminopyrazolones and preparing them. 2,367,523; Jan. 16.

Porter, Henry D., and A. Weissberger, assignors to Eastman Kodak Company, Rochester, N. Y. Acylated amino pyrazolone couplers. 2,369,489; Feb. 13.

Porter, Henry D., and A. Weissberger, assignors to Eastman Kodak Company, Rochester, N. Y. Preparation of amino pyrazolones. 2,376,380; May 22.

Porter, H. K., Company, Inc.: *See*—
Kromer, William F., assignor.

Porter, H. K., Inc.: *See*—
Geddes, J. W., and Porter, assignors.

Porter, John A., U. S. Army, San Antonio, Tex. Conveyer. 2,388,283; Nov. 6.

Porter, Joseph J., Fall River, Mass. Safety device. 2,391,593; Dec. 25.

Porter, Josephine A., Baltimore, Md. Ash tray. 2,391,190; Dec. 18.

Porter, Leslie F., Hoboken, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Switchboard system. 2,379,987; July 10.

Porter, Roy R., Packanack Lake, N. J. Crane. 2,377,448; June 5.

Porter, Tyler: *See*—
Geddes, J. W., and Porter.

Portman, Lawrence B. and R. H., and F. J. Acton, Mount Vernon, N. Y. Grinding machine. 2,370,813; Mar. 6.

Portman, Raymond H.: *See*—
Portman, Lawrence B. and R. H., and Acton.

Posejpal, George H.: *See*—
Emde, C. K., Rogers, and Posejpal.

Posnansky, Karl W., assignor to The Stamford Rubber Supply Company, Stamford, Conn. Treating vulcanized oils. 2,384,491; Sept. 11.

Posson, Chester A., Chicago, Ill. Mechanical computing device. 2,378,863; June 19.

Post, Carl B., and M. C. Fetzer, Wyomissing, assignors to The Carpenter Steel Company, Reading, Pa. Steel alloys. 2,379,988; July 10.

Post, Otto W., Maspeth, N. Y. Filter funnel. 2,378,949; June 26.

Post, Otto W., Maspeth, N. Y. Filter funnel. 2,379,101; June 26.

Postal Telegraph-Cable Company (New York): *See*—
Connery, Alder F., assignor.
Connery, A. F., and Coe, assignors.

Poston, Dallas W., Kimberly, Nev. Mine car loader. 2,381,515; Aug. 7.

Poston, Leon L., Davenport, Iowa. Artificial tooth. 2,373,337; Apr. 10.

Potdevin Machine Company: *See*—
Ettl, Joseph, assignor.

Potholm, Valdemar A., Hartford, Conn. Duster. 2,391,070; Dec. 18.

Potoczky, Joseph B., Silver Spring, Md. Hanger attachment for ladies' garments. 2,386,059; Oct. 2.

Pott, August F., Zella-Mehlis II, Germany; vested in the Alien Property Custodian. Calculating machine. 2,382,661; Aug. 14.

Pott, Friedrich: *See*—
Mez, E., Pott, and Heinze.

Potter, Charles A., Mayfair, London, England. Destructor. 2,376,938; May 29.

Potter, Charles E., Sapulpa, Okla. Nutcracker. 2,377,369; June 5.

Potter, Earl C., assignor to Container Corporation of America, Chicago, Ill. Bottle carrier. 2,371,312; Mar. 13.

Potter, Earl C., assignor to Container Corporation of America, Chicago, Ill. Bottle carrier. 2,373,851; Apr. 17.

Potter, Howell L., assignor to The Fafnir Bearing Company, New Britain, Conn. Machine for assembling retainers. 2,376,081; May 15.

Potter, James A., Rutherford, and D. E. Trucksess, Summit, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Voltage regulation. 2,377,370; June 5.

Potter & Johnston Machine Company: *See*—
Fuller, Alfred J., assignor.

Potter, Leman C., Royal Oak, Mich. Fluid brake. 2,388,704; Nov. 13.

Potter, Percy J., assignor to Pangborn Corporation, Hagerstown, Md. Abrading apparatus. 2,385,728; Sept. 25.

Potter, Ralph K., Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Magnetic sound record. 2,381,463; Aug. 7.

Potter, Robert S., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Door holder. 2,368,875; Feb. 6.

Potter, Rowland S., Brightford Heights, and R. F. Brown, assignors to Defender Photo Supply Co., Inc., Rochester, N. Y. Photographic emulsion and making same. 2,376,005; May 15.

Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Telegraphy. Re. 22,592; Jan. 16.

Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Telegraph transmission system. 2,367,427; Jan. 16.

Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Station selection system. 2,371,311; Mar. 13.

Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Automatic transmitter. 2,372,515; Mar. 27.

Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Selective signaling system. 2,375,383; May 8.

Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Tape message container. 2,377,573; June 5.

Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Regenerative repeating system. 2,379,253; June 26.

Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Tape distribution system. 2,384,194; Sept. 4

Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Selecting impulse transmitter. 2,384,558; Sept. 11.

Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Telegraph system. 2,386,004; Oct. 2.

Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Tabulation control system. 2,390,664; Dec. 11.

Poulter, John W., assignor to Koehring Company, Milwaukee, Wis. Machine for handling fluid material for treating pavement subgrade materials. 2,368,568; Jan. 30.

Poulter, Thomas C., assignor to American Steel Foundries, Chicago, Ill. Method and apparatus for casting metal. 2,379,401; June 26.

Pounds, Richard T., assignor to The Exact Weight Scale Company, Columbus, Ohio. Electrical damping apparatus for weighing scales. 2,366,286; Jan. 2.

Poupitch, Ouglesa J., assignor to Illinois Tool Works, Chicago, Ill. Method and machine for assembling washers with screw-threaded fasteners. 2,390,121; Dec. 4.

Pourtle, Howard F., Kenmore, N. Y., assignor to Curtiss-Wright Corporation. Quick change drill chuck. 2,370,487; Feb. 27.

Power, Stanley J., Denver, Colo., assignor to W. E., L. M., Jr., and C. J. Hughes. Internal-combustion motor. 2,366,213; Jan. 2.

Powell, Albert G., Philadelphia, Pa. Method and apparatus for grinding lenses. 2,383,501; Aug. 28.

Powell, Alric H., Yeadon, Pa., assignor to General Electric Company. Fuse unit. 2,386,060; Oct. 2.

Powell, Arthur, Montclair, N. J. Shirt. 2,385,729; Sept. 25.

Powell, David R., and W. L. Moore, assignors to The National Acme Company, Cleveland, Ohio. Chaser holding means. 2,378,431; June 19.

Powell, David R., and W. L. Moore, assignors to The National Acme Company, Cleveland, Ohio. Die head operating means. 2,387,290; Oct. 23.

Powell, David R., and W. L. Moore, assignors to The National Acme Company, Cleveland, Ohio. Chaser adjusting means. 2,387,291; Oct. 23.

Powell, Edward R., North Plainfield, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Mineral wool apparatus. 2,369,605; Feb. 13.

Powell, Edward R., North Plainfield, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Mineral wool manufacture. 2,388,935; Nov. 13.

Powell, Edward U., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Bowstring relay. 2,381,309; Aug. 7.

Powell, Francis V., assignor to Lindley Box & Paper Company, Marion, Ind. Collapsible box structure. 2,384,559; Sept. 11.

Powell, George M., III, South Charleston, and W. H. McKnight, Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation. Coating paper. 2,391,621; Dec. 25.

Powell, Henry K., assignor to Morris Paper Mills, Chicago, Ill. Apparatus for and assembling knockdown containers. 2,367,688; Jan. 23.

Powell, Paul R., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Conveyer structure. 2,374,131; Apr. 17.

Powell, Raymond E., Westfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Recording system. 2,387,678; Oct. 23.

Powell, Reginald A., assignor to Timm Aircraft Corporation, Van Nuys, Calif. Laminating method. 2,372,738; Apr. 3.

Powell, William M., Milwaukee, Wis. Manacle. 2,383,077; Aug. 21.

Powell, Winfred T., assignor to Stromberg-Carlson Company, Rochester, N. Y. Relay type key sender. 2,381,516; Aug. 7.

Power, Michael J., Nekoosa, Wis. Apparatus for debarking and cleaning logs. 2,390,459; Dec. 4.

Power Research Corporation: *See*—
Bowers, Thomas A., assignor.

Powers Accounting Machines Limited: *See*—
McClure, Ernest C., assignor.
Thomas, Arthur, assignor.

Powers, Frank T., Glen Cove, N. Y. X-ray cassette. 2,371,843; Mar. 20.

Powers, Frank T., Glen Cove, N. Y. Cassette. 2,381,556; Aug. 7.

Powers, Frank T., Glen Cove, N. Y. Apparatus for preparing photoengraving plates. 2,387,349; Oct. 23.

Powers, Frank T., Glen Cove, N. Y. Plate burner. 2,388,762; Nov. 13.

Powers, Frank T., Glen Cove, N. Y. X-ray cassette. 2,391,191; Dec. 18.

Powers, John B., Davis, Calif., assignor to United States Beet Sugar Association, Washington, D. C. Sugar beet topper. 2,369,350; Feb. 20.

Powers, Marvin A., Oklahoma City, Okla., assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Bending machine. 2,382,745; Aug. 14.

Powers, Paul O., Manheim Township, assignor to Armstrong Cork Company, Lancaster, Pa. Modified vinyl resins. 2,371,065; Mar. 6.

Powers, Paul O., Manheim Township, Lancaster County, assignor to Armstrong Cork Company, Lancaster, Pa. Linoleum composition. 2,389,078; Nov. 13.

Powers, Paul O., Manheim Township, Lancaster County, assignor to Armstrong Cork Company, Lancaster, Pa. Linoleum compositions. 2,389,079; Nov. 13.

Powers Regulator Company, The: *See*—
Barnett, Harry, assignor.

Powers, Walter P., Newark, assignor to Associated Patentees, Inc., Ampere, N. J. Gauge. 2,390,122; Dec. 4.

Pownall, George L., Columbus, Ohio. Automatic ice freezing unit and method. 2,385,539; Sept. 25.

Poythress, William P., & Company, Inc.: *See*—
Richardson, Andrew G., assignor.

Practo Photo Accessories Corp.: *See*—
Nagel, Henryk, assignor.

Praeg, Walter S., assignor to National Broach & Machine Company, Detroit, Mich. Shaving gears. 2,380,261; July 10.

Praeg, Walter S., assignor to National Broach & Machine Company, Detroit, Mich. Gear shaving machine. 2,387,679; Oct. 23.

Prager, Frank D.: *See*—
Kamp, E. A., and Prager.

Prager, Frank D., Chicago, Ill. Fluid flow control means. 2,370,751; Mar. 6.

Prager, Frank D., Chicago, Ill., assignor to Infilco Incorporated. Liquid treating apparatus. 2,391,738; Dec. 25.

Prager, Martin, Irvington, N. J. Double container. 2,385,648; Sept. 25.

Praggastis, John D., Milwaukie, Oreg. Curtain hanger. 2,389,546; Nov. 20.

Pragoff, Emile, Jr., assignor to Hercules Powder Company, Wilmington, Del. Adhesive material. 2,377,647; June 5.

Prall, James R., Newark, N. J., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Crystal inspection device. 2,391,344; Dec. 18.

Prance, Albert J., assignor to Murchey Machine & Tool Company, Detroit, Mich. Thread milling machine. 2,382,662; Aug. 14.

Prange, Alfons F., St. Louis, Mo. Grinder or turning lathe dog. 2,383,943; Sept. 4.

Prat-Daniel Corporation: *See*—
Watson, J. E., and McBride, assignors.

Prat Dirl, Evelio, Badalona, Spain. Manufacturing stators for electrical machines. 2,367,428; Jan. 16.

Pratt, Arthur J., Belmont, assignor to American Optical Company, Southbridge, Mass. Spectacle case. 2,385,842; Oct. 2.

Pratt, Best, assignor to Certified Gas Equipment Company, Chicago, Ill. Gas burner. 2,376,273; May 15.

Pratt, Best, assignor, by mesne assignments, to Certified Gas Equipment Company, Chicago, Ill. Gas burner. 2,376,274; May 15.

Pratt, Best, assignor to Brake Equipment & Supply Company, Chicago, Ill. Burner structure. 2,387,680; Oct. 23.

Pratt, Best, and C. J. Smith, assignors to Brake Equipment & Supply Co., Chicago, Ill. Valve piston. 2,370,371; Feb. 27.

Pratt, Henry, Company: *See*—
Grimm, Carl W., assignor.

Pratt, Raymond C., Chicago, Ill. Closure. 2,383,015; Aug. 21.

Pratt, Read & Company: *See*—
Betz, William G., assignor.

Pratt, Verneur E., Norwalk, Conn., assignor to Microstat Corporation. Photographic and reproducing apparatus. 2,369,247; Feb. 13.

Pratt, Verneur E., Norwalk, Conn. Reading and projection apparatus. 2,369,248; Feb. 13.

Pratt, Verneur E., Norwalk, Conn., assignor to Microstat Corporation. Projecting system. 2,372,910; Apr. 3.

Pratt, Verneur E., Norwalk, Conn., assignor to Microstat Corporation. Focusing means for cameras. 2,383,161; Aug. 21.

Prause, Robert, and L. Schmid, Augsburg, Germany; vested in the Alien Property Custodian. Air propeller driving system. 2,378,580; June 19.

Pray, George E., Clearfield, Pa. Tuning impedances for high radio frequencies. 2,366,750; Jan. 9.

Pray, James B: *See*—
Shonts, J. G., and Pray.

Pray, Wilbur F., Dobbs Ferry, N. Y., assignor to Askania Regulator Company, Chicago, Ill. Stabilizer for regulators. 2,377,300; May 29.

Precision Engineering Company Limited: *See*—
Olah, George, assignor.
Short, Herbert E., assignor.

Precision Shapes, Inc.: *See*—
Antos, George, assignor.

Pregel, Boris: *See*—
Perrin, F., and Pregel.
Ratner, Essel, assignor.

Premier Crystal Laboratories, Inc.: *See*—
Bach, Henry M., assignor.

Premier Glass Works, Inc.: *See*—
Gebauer, Walter, assignor.

Premium Merchandising Corp.: *See*—
Moore, David P., assignor.

Prentice, Allan L., Ashtabula, Ohio, assignor to J. L. Ortner, Cincinnati, Ohio. Device for eliminating wear on brake beam heads. 2,377,371; June 5.

Prentice, Allan L., Cleveland, assignor of fifty per cent to J. L. Ortner, Cincinnati, Ohio. Device for eliminating wear on brake shoe heads. 2,377,372; June 5.

Prentice, G. E., Mfg. Co., The: *See*—
Legat, Robert C., assignor.

Prentice, James M., et al.: *See*—
Ellis, Clarence M., assignor.

Prentice, James M., South Hadley, Mass. Apparatus for games or the like. 2,372,351; Apr. 3.

Prentiss Wabers Products Co.: *See*—
Nelson, A., and Niemann, assignors.

Prescott, Charles H., Jr.: *See*—
Kohman, G. T., and Prescott.

Present, John L.: *See*—
Miller, J. S., and Present.

President & Board of Trustees of St. Louis University: *See*—
Doisy, E. A., and Katzman, assignors.

Press Association, Inc.: *See*—
Barnes, James C., assignor.

Press Wireless, Inc.: *See*—
Hilferty, Richard A., assignor.
Sprague, Robert M., assignor.
Sprague, R. M., and Fraim, assignors.

Presser, Eric A. F., East Chicago, Ind. Double-acting kneader improvements. 2,390,460; Dec. 4.

Pressley, Jackson H., Marion, Ind., assignor to Farnsworth Television and Radio Corporation. Automatic phonograph control mechanism. 2,370,875; Mar. 6.

Pressley, Jackson H., Marion, Ind., assignor to Farnsworth Television and Radio Corporation. Driving mechanism for phonograph turntables. 2,386,503; Oct. 9.

Preston, Frederick A., Lake Forest, assignor, by mesne assignments, to Poor & Company, Chicago, Ill. Shipping bundle for rail anchors. 2,370,417; Feb. 27.

Preston, Herbert E., assignor, by mesne assignments, to American Engineering Company, Philadelphia, Pa. Stoker. 2,385,027; Sept. 18.

Preston, John E., assignor to The American Laundry Company, Cincinnati, Ohio. Sequence timer and measuring control. 2,374,779; May 1.

Preston, John E., Cincinnati, assignor to The American Laundry Machinery Company, Norwood, Cincinnati, Ohio. Electronic control for ironing or drying machinery. 2,387,292; Oct. 23.

Preston, John E., Cincinnati, assignor to The American Laundry Machinery Company, Norwood, Cincinnati, Ohio. Electronic control for ironing or drying machinery. 2,387,293; Oct. 23.

Preston, John E., Northport, N. Y., assignor to The American Laundry Machinery Company, Norwood, Ohio. Controlling relay. 2,389,458; Nov. 20.

Preston, Neil D., assignor to General Railway Signal Company, Rochester, N. Y. Coded track circuit signaling system. 2,371,263; Mar. 13.

Preston, Neil D., assignor to General Railway Signal Company, Rochester, N. Y. Coded track circuit signaling system. 2,371,264; Mar. 13.

Preston, Paul F., Newark, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cementing jig. 2,377,962; June 12.

Preston, Ralph H., Roseland, assignor to American Transformer Company, Newark 5, N. J. Voltage regulator. 2,388,996; Nov. 13.

Pretzel, Paul W., Brookfield, Ill. Making a water-proof felted sheet. 2,375,244; May 8.

Pretzel, Paul W., Brookfield, Ill. Manufacture of rubberized fibers and sheets. 2,375,245; May 8.

Prevette, Joseph M., Arlington, Va. Combination screen and storm door and window. 2,377,449; June 5.

Prewitt, Richard H., Lansdowne, assignor to Autogiro Company of America, Philadelphia, Pa. Aircraft. 2,380,581; July 31.

Presioso, Giuseppe, Yverdon, Switzerland, assignor to E. Paillard & Cie, S. A. Line spacing device for typewriters. 2,388,936; Nov. 13.

Pribyl, Edward: *See*—
Braker, W., and Pribyl.

Price, Albert: *See*—
Wilder, Charlton, assignor.

Price, Charles S., Hollis, N. Y. Ornaments such as Christmas trees and manufacture. 2,382,746; Aug. 14.

Price, Clifford L., Oakland, Calif. Sound recording and reproducing system. 2,384,131; Sept. 4.

Price, Donald: *See*—
Davis, G. D., Price, and Milligan.

Price, Donald, New York, N. Y., and R. Griffith, Fairhaven, assignors to National Oil Products Company, Harrison, N. J. Production of hydroxy fatty acids. 2,367,050; Jan. 9.

Price, Donald, New York, N. Y., and E. L. May, East Orange, assignors to National Oil Products Company, Harrison, N. J. Surface active rosin derivatives. 2,376,381; May 22.

Price, Donald, New York, N. Y., and E. L. May, East Orange, assignors to National Oil Products Company, Harrison, N. J. Rosin derivatives. 2,376,382; May 22.

Price, Donald, New York, N. Y., and R. L. Bond, Cranford, assignors to National Oil Products Company, Harrison, N. J. Amino-methylene derivatives of salicylamide and process therefor. 2,385,940; Oct. 2.

Price, Donald, New York, N. Y., and E. L. May, Chevy Chase, Md., assignors to National Oil Products Company, Harrison, N. J. Ketonic rosin derivatives. 2,390,736; Dec. 11.

Price, Earl E., assignor to Bendix Aviation Corporation, South Bend, Ind. Transmission operating mechanism. 2,373,259; Apr. 10.

Price, Earl R., assignor to Bendix Aviation Corporation, South Bend, Ind. Control valve. 2,383,682; Aug. 28.

Price, Earl R., assignor to Bendix Aviation Corporation, South Bend, Ind. Tractor-trailer braking system. 2,387,942; Oct. 30.

Price, Elmer F., Borger, Tex. Preventing paraffin deposits in oil wells. 2,368,777; Feb. 6.

Price, Harold W., assignor to Bendix Aviation Corporation, South Bend, Ind. Clutch control mechanism. 2,391,192; Dec. 18.

Price, Jacob R., Kansas City, Mo. Battery opening apparatus. 2,380,329; July 10.

Price, John F., and I. L. Wilcox, assignor to Oswego Falls Corporation, Fulton, N. Y. Application of closures to containers. 2,373,708; Apr. 17.

Price, Joseph W., Jr., Jenkintown, assignor to The United States Metallic Packing Company, Philadelphia, Pa. Segmental packing ring. 2,375,869; May 15.

Price, Laurence L., Los Angeles, and M. E. Maltby, Bell, Calif., assignors, by mesne assignments, to P. A. Wooster. Towel dispenser. 2,369,851; Feb. 20.

Price, Nathan C., Hollywood, assignor to Lockheed Aircraft Corporation, Burbank, Calif. Auxiliary steam plant for aircraft. 2,379,183; June 26.

Price, Paul E.: *See*—
Reichert, W., Pedersen, and Price.

Price, Peter R.: *See*—
Thomas, F. M., and Price.

Price, Ralph E.: *See*—
Balsiger, H. E., and Price.

Price, Robert W.: *See*—
Moos, A. M., and Price.

Price, Thomas H., Chelmsford, England, assignor to Radio Corporation of America. Radio transmitter. 2,381,181; Aug. 7.

Price, Thomas H., Chelmsford, England, assignor to Radio Corporation of America. Amplifier circuit arrangement. 2,383,888; Aug. 28.

Price, Victor, Akron, Ohio. Turnbuckle wrench. 2,386,342; Oct. 9.

Price, Wilbur H., Cleveland, Ohio. Phonograph disk record cabinet. 2,381,517; Aug. 7.

Price, William R., Niagara Falls, N. Y. Heating apparatus. 2,391,071; Dec. 18.

Prichard, William W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymer treatment. 2,387,530; Oct. 23.

Prideaux, Gwilym F., Cleveland Heights, Ohio, assignor to General Electric Company, New York, N. Y. Flashlight. 2,367,888; Jan. 23.

Prideaux, Gwilym F., Cleveland Heights, Ohio, assignor to General Electric Company. Firearm sight. 2,385,649; Sept. 25.

Priess, Louis A., Minneapolis, Minn. Ice gripper. 2,366,649; Jan. 2.

Priesman, Neil Y., Short Hills, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Resistor and making it. 2,382,024; Aug. 14.

Prime Fastener Company: *See*—
Roseman, Leo, assignor.

Prime Manufacturing Company: *See*—
Kelly, Daniel A., assignor.
Nelson, Harry B., assignor.

Primrose, John, Staten Island, N. Y., and C. E. McCulloch, Westfield, N. J., assignors to Foster Wheeler Corporation, New York, N. Y. Heater. 2,380,464; July 31.

Prince, Burton A., Westfield, Mass., assignor to W. E. Irving, Glenbrook, Conn. Grating. 2,377,648; June 5.

Prince, David C., Schenectady, N. Y., assignor to General Electric Company. Exhaust gas operated turbine arrangement. 2,369,175; Feb. 13.

Prince, David C., Schenectady, N. Y., assignor to General Electric Company. Engine supercharger system. 2,379,455; July 3.

Prince, John, Sioux City, assignor of one-half to A. P. Nelson, Spencer, Iowa. Wind impeller governor. 2,384,767; Sept. 11.

Pringle, Edward T., Jr., Brooklyn, N. Y. Tool holder. 2,382,911; Aug. 14.

Pringle, Floyd J., Massena, N. Y. Clamp. 2,383,078; Aug. 21.

Pringle, William, Rego Park, Long Island, N. Y. Baseball game. 2,375,583; May 8.

Prins, Klaas, Mount Lebanon, Pa. Loading station for endless conveyers. 2,367,609; Jan. 16.

Prins, Leendert, New York, N. Y. Clock. Re. 22,640; May 1.

Printasign Corporation of America: *See*—
Reynolds, M., and Barrett, assignors.

Printing Arts Research Laboratories, Inc.: *See*—
Marx, Walter S., Jr., assignor.

Printing Machinery Co., The: *See*—
Augustine, Lee, assignor.

Prinz, Martin V. H., Omaha, Nebr. Treatment of fermentable matter. 2,374,620; Apr. 24.

Prinzivalli, Sam, Brooklyn, N. Y. Motion picture camera spool. 2,380,788; July 31.

Prismacolor, Inc.: *See*—
Lebus, William A., assignor.
Monk, G. S., and Case, assignors.
Widell, Charles, assignor.

Pritchard, Percy, Wootton Wawen, England. Molding machine. 2,371,980; Mar. 20.

Pritchard, Percy, Wootton Wawen, England. Electric resistor furnace for the heating and melting of metals. 2,379,651; July 3.

Proaps, Irwin F., Wichita, Kans. Self-centering curing bag for tire section molds. 2,386,504; Oct. 9.

Probst, Emmet, Mountain View, N. J. Sharpening implement. 2,367,737; Jan. 23.

Probst, Emmet, Mountain View, N. J. Sharpening implement. 2,370,324; Feb. 27.
Process Holdings Company: *See*—
Eckey, Eddy W., assignor.
Richardson, A. S., and Taylor, assignors.
Smith, Nathaniel L., assignor.
Process Management Company, Inc.: *See*—
Ruthruff, Robert F., assignor.
Prochaska, Carroll W.: *See*—
Seaholm, Nils, assignor.
Procter, Anthony, Newcastle-upon-Tyne, England. Oil seal. 2,370,913; Mar. 6.
Procter, Anthony, Newcastle-upon-Tyne, 1, England. Piston construction, packing. 2,387,181; Oct. 16.
Procter, Anthony, Newcastle-upon-Tyne, England. Hydraulic packing washer. 2,387,182; Oct. 16.
Procter & Gamble Company, The: *See*—
Byerly, David R., assignor.
Daniels, Robert C., assignor.
Quimby, Oscar T., assignor.
Richardson, Albert S., assignor.
Richardson, A. S., and McAllister, assignors.
Tucker, Nathaniel B., assignor.
Proctor, B. A., Company, Inc.: *See*—
Proctor, Barton A., assignor.
Proctor, Barton A., Larchmont, assignor to B. A. Proctor Company, Inc., New York, N. Y. Device for reproducing recorded communications. 2,366,458; Jan. 2.
Proctor, George N., Verona, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Storage battery. 2,368,491; Jan. 30.
Proctor, George N., Verona, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Storage battery. 2,381,140; Aug. 7.
Proctor, Ralph R., Glendale, Calif. Variable sensitivity control valve. 2,380,705; July 31.
Proctor & Schwartz, Incorporated: *See*—
Bokum, William F., assignor.
Myers, Joseph W., assignor.
Myers, J. W., and Roesch, assignors.
Sibson, W. W., Jr., and Belcher, assignors.
Walder, E., and Myers, assignors.
Production Devices Incorporated: *See*—
Cross, C. B., and Zipp, assignors.
Production Engineering Company: *See*—
Martine-Lally, L. A., Doney and Ditto, assignors.
Production Instrument Company: *See*—
Nelson, Martin L., assignor.
Poole, Frederick A., assignor.
Products Development, Inc.: *See*—
Abernathy, David W., assignor.
Stearns, Harry C., assignor.
Proell, Wayne A., assignor to Standard Oil Company, Chicago, Ill. Stabilisers for oils. 2,369,490; Feb. 13.
Proell, Wayne A., Chicago, Ill., and F. K. Ovitz, Whiting, Ind., assignors to Standard Oil Company, Chicago, Ill. Hydrogen chloride-aluminum chloride hydrocarbon conversion processes. 2,382,814; Aug. 14.
Progress Lithographing Company: *See*—
Klein, Charles H., assignor.
Progressive Welder Company: *See*—
Leathers, Chester F., assignor.
Purat, Hugo, assignor.
Pronovost, David, Rosemount, Montreal, Quebec, Canada. Abrasive machine. 2,380,789; July 31.
Pro-Phy-Lac-Tic Brush Company: *See*—
Dahle, Joseph, assignor.
Prosk, William: *See*—
Briskin, J., and Prosk.
Prosperity Company, Inc., The: *See*—
Davis, Ernest, assignor.
Davis, E., and Gayring, assignors.
Gayring, Wallace F., assignor.
Prosser, Garold W., Rock Island, Ill. Baby's bottle holder. 2,390,737; Dec. 11.
Protecto Products Co. Inc.: *See*—
Clark, Louis, assignor.
Protectoseal Company of America, Inc.: *See*—
Anschicks, Rudolph J., assignor.
Prothero, Harry T.: *See*—
Noelting, W. H., and Prothero.
Proudfoot, Oliver P.: *See*—
Lilliquist, A. E., and Proudfoot.
Proudman, Chester F., New Canaan, Conn. System of aeration. 2,380,465; July 31.
Proulx, Leonard E., Arlington, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine for shaping uppers over lasts. 2,385,466; Sept. 25.
Proulx, Leonard E., Arlington, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Channel closing machine. 2,390,616; Dec. 11.
Prout, Arthur L., assignor of one-half to B. Pugsley, Long Beach, and one-half to M. A. Campbell, Los Angeles, Calif. Well casing expander. 2,383,214; Aug. 21.
Provenzano, Gaetano, New York, N. Y. Composition of matter. 2,378,102; June 12.
Provenzano, Gaetano, Greenwich, Conn. Torpedo defense for ships. 2,387,090; Oct. 16.
Provenzano, Gaetano, New York, N. Y. Collapsible enclosed boat. 2,391,594; Dec. 25.
Providence, Ulysses A., Harrisburg, Pa. Turnbuckle jig. 2,367,689; Jan. 23.
Provost, Peter E., Pawtucket, R. I. Adjustable picking motion. 2,371,354; Mar. 13.
Prowd, William T., Middle Park, Victoria, Australia. Pipe coupling. 2,388,179; Oct. 30.
Prows, James F., Vallejo, Calif. Ship locator and raising device. 2,373,502; Apr. 10.
Pruden, Harold M., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,367,792; Jan. 23.
Prueitt, Ralph C.: *See*—
Sanford, H. W., Sanford, II, and Prueitt.
Pruneau, Joseph L., Chicago, J. Mullally, River Grove, and J. F. Hanrahan, assignors to Paper Converting and Finishing Company, Chicago, Ill. Calendar edging and calendar and method and machine for assembling same. 2,387,808; Oct. 30.
Pryde, Margaret S., et al., executrices: *See*—
Smith, Robert A., assignor.
Pryor, Robert C., Bartlesville, Okla., assignor to Phillips Petroleum Company. Instrument release. 2,366,982; Jan. 9.
Ptáček, Anna, New York, N. Y. Concentration mirror for airplanes. 2,375,134; May 1.
Publicker Commercial Alcohol Company: *See*—
Legg, D. A., and Beesch, assignors.
Publix Metal Products Inc.: *See*—
Nisenson, Jules, assignor.
Pucci, Zeno J.: *See*—
Leggett, H., and Pucci.
Puchy, Clarence G., Cleveland, assignor to The Hoover Company, North Canton, Ohio. Refrigeration. 2,386,505; Oct. 9.
Puckett, Macon A., Marietta, Ga. Rope clamp. 2,386,908; Oct. 16.
Puckett, Nick T., assignor to M. A. Hofft, Indianapolis, Ind. Apparatus for burning refuse. 2,381,182; Aug. 7.
Pudge, Frederick A., Boise, Idaho, assignor to Nevada Engine Corporation, Winnemucca, Nev. Engine supercharger. 2,377,450; June 5.
Puerner, J. Harold: *See*—
Puerner, Joseph H.
Puerner, Joseph H., also known as J. Harold Puerner, Jefferson, Wis. Display easel. 2,388,435; Nov. 6.
Pufahl, Hans: *See*—
Chelborg, R., and Pufahl.
Puffer, Samuel R., Lynnfield Center, Mass., assignor to General Electric Company. Cooling arrangement for gas turbines. 2,388,997; Nov. 13.
Puffer, Samuel R., Lynnfield Center, Mass., and R. H. Norris, Schenectady, N. Y., assignors to General Electric Company. Gas turbine cooling arrangement. 2,388,998; Nov. 13.
Pugh, Clark E.: *See*—
Luenberger, F. O., and Pugh.
Pugh, Cyril A., assignor to The Plessey Company Limited, Ilford, England. Hydraulic pump. 2,391,072; Dec. 18.
Pugh, Cyril A., and D. G. Booth, Ilford, and P. J. Jarvis, East Ham, London, assignors to The Plessey Company Limited, Ilford, England. Fuel control device for internal-combustion engines. 2,383,563; Aug. 28.
Pugsley, Bessie, et al.: *See*—
Prout, Arthur L., assignor.
Puig y Terradas, Enrique, Central Algodones, Cuba. Continuous centrifugal separator. 2,368,876; Feb. 6.
Puleo, Anthony J.: *See*—
Puleo, Joseph M. and A. J.
Puleo, Joseph M., Dundalk, and A. J. Puleo, Baltimore, Md. Remote control for varying electric welding resistance. 2,384,195; Sept. 4.
Pull, Burnard T.: *See*—
Seymour, G. W., and Pull.
Pullen, Alfred N. D., Shrewsbury, England, assignor, by mesne assignments, to Aluminum Company of America, Pittsburgh, Pa. Surface treatment of aluminum and aluminum alloys. 2,376,082; May 15.
Pullen, Rodney S., Akron, Ohio, assignor to Pullenlite Company, Philadelphia, Pa. Handling mechanism for match combs and match comb packets. 2,388,011; Oct. 30.
Pullen, Rodney S., Akron, Ohio, assignor to Pullenlite Company, Philadelphia, Pa. Making match packets. 2,388,012; Oct. 30.
Pullenlite Company: *See*—
Pullen, Rodney S., assignor.
Pullman Company, The: *See*—
Tully, J. K., Andersen, and Jones, assignors.
Pullman-Standard Car Manufacturing Company: *See*—
Johnsen, Iver, Jr., assignor.
Turner, Charles H., assignor.
Pulmosan Safety Equipment Corporation: *See*—
Burke, Edward W., assignor.
Pulver, Albert H., Jr., Torrington, Conn. Changeable price sign. 2,388,180; Oct. 30.
Pulver, Frank F., St. Petersburg, Fla., and W. H. Matthews, Rochester, N. Y., assignors to Alliance Investment Corporation, St. Petersburg, Fla. Towel dispensing apparatus. 2,378,789; June 19.
Pummill, Edwin W., Indianapolis, Ind. Self-locking nut or bolt. 2,380,994; Aug. 7.
Pumphrey, Walter H., assignor of one-half to E. J. Cantin, New York, N. Y. Bolt. 2,388,658; Nov. 6.
Pumphrey, William B., Oakland, Calif. Filter. 2,386,506; Oct. 9.

Punnett, Elton B., Buffalo, assignor to Allied Chemical & Dye Corporation, New York, N. Y. Manufacture of succinic acid. 2,370,579; Feb. 27.
Punte, William F.: *See*—
Coyle, J., and Punte.
Punte, William F., Passaic, N. J., assignor to Continental Can Company, Inc., New York, N. Y. Reclosable metal container. 2,383,274; Aug. 21.
Punte, William F., Passaic, N. J., assignor to Continental Can Company, Inc., New York, N. Y. Self-closing top and dispensing container. 2,391,345; Dec. 18.
Punte, William F., Passaic, N. J., assignor to Continental Can Company, Inc., New York, N. Y. Crown capped container. 2,391,346; Dec. 18.
Punte, William F., Passaic, N. J., assignor to Continental Can Company, Inc., New York, N. Y. Tablet box. 2,391,347; Dec. 18.
Purat, Hugo, assignor to Progressive Welder Company, Detroit, Mich. Cable connector. 2,371,165; Mar. 13.
Purat, Hugo, assignor to Progressive Welder Company, Detroit, Mich. Welding machine. 2,372,117; Mar. 20.
Purcell, Joseph: *See*—
Sundt, E. V., and Purcell.
Purdon, James R., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Adhesive composition and adhering waxed surfaces. 2,373,597; Apr. 10.
Purdue Research Foundation: *See*—
Gwynn, B. H., and Degering, assignors.
Hass, Henry B., assignor.
Hass, H. B., and McElroy, assignors.
Hass, H. B., and Vanderbilt, assignors.
Larrison, M. S., and Hass, assignors.
Purdy, Edgar H., West Hempstead, N. Y. Wound protector. 2,367,690; Jan. 23.
Purdy, Eugene H.: *See*—
Jakobsson, Gustav H., assignor.
Purdy, Everett M.: *See*—
Tabb, W. T., and Purdy.
Purdy, Everett M., and W. T. Tabb, Brooklyn, assignors, by mesne assignments, to Reconstruction Finance Corporation, New York, N. Y. Nozzle for fuel injection systems. 2,375,492; May 8.
Pure Milk Cheese Co.: *See*—
Petersen, Thorkild, assignor.
Pure Oil Company, The: *See*—
Ayers, G. W., Jr., and Henderson, assignors.
Bell, R. T., and Thacker, assignors.
Bell, R. T., Folkins, and Thacker, assignors.
Bond, Donald C., assignor.
Folkins, H. O., and Thacker, assignors.
Harton, E. E., Jr., and Lyon, assignors.
Ridgway, Charles M., assignor.
Ross, W. B., and Boldt, assignors.
Ross, W. B., Backoff, and Williams, assignors.
Schindler, Hans, assignor.
Sowers, Wesley H., assignor.
Stucker, Joseph B., assignor.
Thacker, Carlisle M., assignor.
Whittier, William A., assignor.
Williams, N. D., and Backoff, assignors.
Purington, Ellison S., Gloucester, Mass., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Radio directional indication system. 2,367,372; Jan. 16.
Purington, Ellison S., Gloucester, Mass., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Automatic program selector. 2,368,778; Feb. 6.
Purington, Ellison S., Gloucester, Mass., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Selective control circuit. 2,382,097; Aug. 14.
Purinton, Forrest G., assignor to The Patent Button Company, Waterbury, Conn. Plastic button. 2,385,467; Sept. 25.
Purkiss, Robert B., Indianapolis, assignor to Hill-Rom Company, Inc., Batesville, Ind. Dowel pin assembly. 2,388,181; Oct. 30.
Purpura, August C., Chicago, Ill. Aircraft. 2,272,291; Mar. 27.
Purse, John H.: *See*—
Law, G. H., and Purse.
Purtell, William A., West Hartford, Conn., assignor to The Holo-Krome Screw Corporation. Driver for socketed screws. 2,369,852; Feb. 20.
Purtell, William A., West Hartford, Conn., assignor to The Holo-Krome Screw Corporation. Screw driver. 2,369,853; Feb. 20.
Purves Corporation: *See*—
Beach, Lennox F., assignor.
Purves, J. C., and Beach, assignors.
Purves Corporation, The: *See*—
Beach, L. F., and Purves, assignors.
Purves, John C.: *See*—
Beach, L. F., and Purves.
Purves, John C., Springfield, Mass., and L. F. Beach, Merrick, N. Y., assignors to Purves Corporation. Magnetic field responsive device. 2,383,460; Aug. 28.
Purvin, Benjamin R., assignor to Barber-Colman Company, Rockford, Ill. Tailstock clamp. 2,368,877; Feb. 6.
Puryear, Edgar F., et al.: *See*—
Carruth, Donald D., assignor.
Pusey & Jones Corporation, The: *See*—
Bratton, Samuel M., assignor.
Putman, Henry V., Sharon, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Magnetic core structure. 2,387,943; Oct. 30.
Putman, Henry V., and J. K. Hodnette, Sharon, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Core structures for inductive apparatus. 2,382,172; Aug. 14.
Putnam, Erle T., Detroit, Mich., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Building block. 2,375,384; May 8.
Putnam, John P., assignor to The Reece Button Hole Machine Company, Boston, Mass. Navigation instrument. 2,376,006; May 15.
Putnam, John P., assignor to The Reece Button Hole Machine Company, Boston, Mass. Flattening curly polymerized styrene sheets. 2,386,976; Oct. 16.
Putnam, Stephen R.: *See*—
Worthen, E. P., Barbour, and Putnam.
Putnam, Thomas A.: *See*—
Carter, O. L., and Putnam.
Putt, Harold L., Long Beach, Calif. Seat locator. 2,390,665; Dec. 11.
Pye Limited: *See*—
Daiglelsh, James W., assignor.
Pyle, James J.: *See*—
D'Alelio, G. F., and Pyle.
Pyle, William D., Indianapolis, Ind. Fountain comb structure. 2,370,258; Feb. 27.
Pyles, Clarence R. and K. L., Harrisburg, Pa. Flashlight projector. 2,368,779; Feb. 6.
Pyles, Katie L.: *See*—
Pyles, Clarence R. and K. L.
Pyne, Roger S., Longmeadow, and E. A. Allen, Westfield, Mass., assignors to Van Norman Company. Cross-feed mechanism for grinding machines. 2,370,580; Feb. 27.
Pyne, Roger S., Springfield, and E. A. Allen, Westfield, Mass., assignors to Van Norman Company. Drive for oscillating grinders. 2,381,687; Aug. 7.
Pyrene Development Corporation: *See*—
Bedford, Howard E., assignor.
Clifford, Wilfred J., assignor.
Timpson, Lewis G. M., assignor.
Pyzel, Robert, New York, N. Y., assignor to Universal Oil Products Company, Chicago, Ill. Heat exchange apparatus. 2,382,255; Aug. 14.
Quadrex Corporation: *See*—
Leathers, Ward, assignor.
Tresise, D. J., and Ratzer, assignors.
Quaker Oats Company: *See*—
Johnson, W. C., and Kirk, assignors.
Quaker Oats Company et al.: *See*—
Turner, C. W., and Reineke, assignors.
Quaker Oats Company, The, et al.: *See*—
Graham, W. R., Jr., and McCarty, assignors.
Turner, C. W., and Reineke, assignors.
Quality Hardware and Machine Corporation: *See*—
Snyder, Leland H., assignor.
Quam, James P., assignor to Quam-Nichols Company, Chicago, Ill. Loud-speaker. 2,380,869; July 31.
Quam-Nichols Company: *See*—
Quam, James P., assignor.
Quarfoot, Harry B., assignor, by mesne assignments, to Reconstruction Finance Corporation, Chicago, Ill. Anti-tampering attachment for valves. 2,377,036; May 29.
Quarles, Richard W.: *See*—
Cogan, H. D., and Quarles.
Quarles, Richard W., Pittsburgh, Pa., and A. K. Doolittle, South Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation. Moistureproofing paper. 2,391,620; Dec. 25.
Quartz, Herbert O., West Allis, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Electrode holder. 2,378,727; June 19.
Quatman, George B., Lima, Ohio. Refrigerated food locker room. 2,375,688; May 8.
Quayle, George, Philadelphia, Pa., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Lifting truck. 2,367,051; Jan. 9.
Quayle, George, Philadelphia, Pa., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Hand lift truck. 2,369,854; Feb. 20.
Quayle, Joshua C.: *See*—
Walton, C. H., Quayle, and Jones.
Quayle, Joshua C., Helsby, assignor to British Insulated Cables Limited, Prescot, Lancashire, England. Guide for the transmission of electric waves. 2,374,408; Apr. 24.
Quayle, Joshua C., Helsby, assignor to British Insulated Cables Limited, Prescot, Lancashire, England. Guide for the transmission of electric waves. 2,381,367; Aug. 7.
Quayle, Joshua C., Manley, Helsby, and W. C. Handley, Frodsham, Via Warrington, assignors to British Insulated Cables Limited, Prescot, England. Electric condenser. 2,374,499; Apr. 24.
Queen, Harold E., et al., executors: *See*—
Replogle, Daniel B.
Queirold, William, San Francisco, Calif. Condensation drain. 2,382,570; Aug. 14.
Queneau, Augustin L. J., Morristown, N. J., assignor to United States Steel Corporation of Delaware. Zinc condenser. 2,380,548; July 31.

Quentin, Alberto, Milan, Italy; vested in the Alien Property Custodian. Tempering glass articles. 2,375,944; May 15.

Quest, Harold, et al.: *See*—
Leibfritz, William F., assignor.

Quick Charge, Incorporated: *See*—
Fletcher, Albert C., assignor.

Quigley Company, Inc.: *See*—
Thayer, Howard C., assignor.

Quigley, Herbert, assignor to National Brass Company, Grand Rapids, Mich. Lawn sprinkler. 2,376,007; May 15.

Quigley, Herbert, and H. Ter Meer, assignors to National Brass Company, Grand Rapids, Mich. Latch. 2,382,663; Aug. 14.

Quilter, John R. C., Woking, England. Container. 2,372,981; Apr. 3.

Quilter, John R. C., Woking, England. Parachute pack. 2,387,350; Oct. 23.

Quilter, John R. C., Woking, England. Parachute pack. 2,389,578; Nov. 20.

Quilter, John R. C., and J. Gregory, Woking, England. Aviator's garment. 2,382,816; Aug. 14.

Quimby, Oscar T., assignor to The Procter & Gamble Company, Cincinnati, Ohio. Acid triphosphates as builders for alkyl sulphates and other soapless detergents. 2,383,502; Aug. 28.

Quin, Denis C., London, England. Manufacture and use of hydrocarbons derived from styrene and its homologues. 2,386,507; Oct. 9.

Quin, William H., Toronto, Ontario, Canada. Necktie holder. 2,384,694; Sept. 11.

Quinby, Albert J., New York, assignor to Display Finishing Company, Inc., Long Island City, N. Y. Display device. 2,373,778; Apr. 17.

Quinby, Edwin J., Key West, Fla., assignor to Radio Corporation of America. Viewing device. 2,384,259; Sept. 4.

Quincy Stove Manufacturing Company, The: *See*—
Castle, Boyd F., assignor.
Castle, B. F., and Wodell, assignors.

Quinn, Ada, Ogden, Utah. Wrap-around garment. 2,373,415; Apr. 10.

Quinn, Archibald C.: *See*—
Ford, H., Ensign, and Quinn.

Quinn, Edward, Saugus, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine for fastening uppers to insoles. 2,387,351; Oct. 23.

Quinn, Francis B., Thompsonville, and R. G. Levitch, Enfield, assignors to Bigelow-Sanford Carpet Co., Inc., Thompsonville, Conn. Fabric coating machine. 2,384,695; Sept. 11.

Quinn, John B., West Los Angeles, Calif. Aircraft landing apparatus. 2,374,306; Apr. 24.

Quinn, Robert G., Bound Brook, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Forming asbestos papers with gel binders. 2,373,914; Apr. 17.

Quinn, Robert G., Bound Brook, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Oil stove wick. 2,376,083; May 15.

Quinn, Thomas H., Chicago, Ill. Liquid filter. 2,369,915; Feb. 20.

Quinnell, La Vern E.: *See*—
Koonz, J. C., and Quinnell.

Quinnell, La Vern E., and J. C. Koonz, assignors to The Magnovox Company, Fort Wayne, Ind. Solenoid initiating mechanism for machine guns or other devices. 2,386,262; July 10.

Quinnell, La Vern E., and J. C. Koons, assignors to The Magnavox Company, Fort Wayne, Ind. Solenoid initiating mechanism for machine guns. 2,380,611; July 31.

Quinsey, Norman T., Miami, Fla. Convertible chair. 2,377,649; June 5.

Quintrell, Harry J., San Gabriel, assignor to Lane-Wells Company, Los Angeles, Calif. Tubing anchor and packer assembly. 2,380,612; July 31.

Quisling, Sverre, Madison, Wis. Protamine coating materials. 2,383,990; Sept. 4.

Rabasa, Joseph, Biddeford, Maine, assignor to Saco-Lowell Shops, Boston, Mass. Drawing mechanism for spinning and roving frames. 2,361,856; Aug. 7.

Rabenda, Edward J.: *See*—
Mills, A. W., Furman, and Rabenda.

Rabenda, Edward J., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Recording and communication apparatus. 2,379,827; July 3.

Raber, Walter D., Chicago, Ill. Artificial tooth. 2,370,488; Feb. 27.

Rabinowitz, Louis M.: *See*—
Ruysdael, Basil, assignor.

Rabinowitz, Louis M., assignor to Lamar Slide Fastener Corp., New York, N. Y. Manufacture of slide fasteners. 2,366,287; Jan. 2.

Rabinowitz, L. M., & Company, Inc.: *See*—
Dasher, Richard, assignor.

Rabjohn, Lloyd E., Glendale, Calif. Collapsible boat. 2,377,963; June 12.

Rabuse, Frank M., Kansas City, Kans. Oil discharging torpedo. 2,377,181; May 29.

Race, Hubert H.: *See*—
Willcox, T. N., and Race.

Rackett, Gerald F., Los Angeles, assignor to Technicolor Motion Picture Corporation, Hollywood, Calif. Cinematographic film registration. 2,369,176; Feb. 13.

Rackett, Gerald F., Los Angeles, assignor to Technicolor Motion Picture Corporation, Hollywood, Calif. Optical adjustment. 2,382,560; Aug. 14.

Rack's Inc.: *See*—
(Wall, H. D., assignor) and P. B.

Racs, Michael, East Chicago, Ind. Blockade device. 2,390,461; Dec. 4.

Radabaugh, John M., Mount Vernon, Ohio. Electrode holder. 2,371,642; Mar. 20.

Radcliffe, Thomas J., Belleville, N. J., assignor to General Electric Company. Coating apparatus. 2,372,116; Mar. 20.

Radde, Henry H. and W. A., Bay City, Mich. Seed dispensing mechanism. 2,374,132; Apr. 17.

Radde, William A.: *See*—
Radde, Henry H. and W. A.

Rademaker, John C., Palo Alto, assignor, by mesne assignments, to The Anglo California National Bank of San Francisco, San Francisco, Calif., as trustee for the benefit of Reconstruction Finance Corporation. Production of magnesium. 2,391,193; Dec. 18.

Radford, George S., Norwalk, Conn., assignor to A. G. Spalding & Bros. Inc., Chicopee, Mass. Play ball and making the same. 2,376,084; May 15.

Radford, George S., Norwalk, Conn., assignor to Nashua Manufacturing Company, Nashua, N. H. Napped fabric and method. 2,390,386; Dec. 4.

Radford, George S., New Canaan, Conn., and A. Couture, Springfield, Mass., assignors to A. G. Spalding & Bros. Inc., New York, N. Y. Process and apparatus for making balls and improved balls. 2,376,685; May 15.

Radiart Corporation, The: *See*—
Mace, Arthur T., assignor.
Moran, John W., assignor.
Van Benschoten, Walter, assignor.

Radick, Curtis L., New Berlin, Wis. Boat hitch. 2,387,352; Oct. 23.

Radio Corporation of America: *See*—
Albin, Frederick G., assignor.
Alburger, James R., assignor.
Anderson, Earl I., assignor.
Anderson, Leslie J., assignor.
Artzt, Maurice, assignor.
Badmaieff, Alexis, assignor.
Baker, Richard F., assignor.
Bayless, James W., assignor.
Beard, Joseph G., assignor.
Bedford, Alda V., assignor.
Beers, George L., assignor.
Berry, Henry W., assignor.
Bierwirth, Rudolph A., assignor.
Blain, Albert, assignor.
Blessing, Gregory W., assignor.
Braden, Rene A., assignor.
Bohlke, William H., assignor.
Bollinger, Waldon P., assignor.
Braaten, Arthur M., assignor.
Broos, Henricus A., assignor.
Brown, Andrew L., assignor.
Brown, George H., assignor.
Carnefix, Herbert E., assignor.
Carlson, Wendell L., assignor.
Clark, Robert W., assignor.
Cockerell, Christopher S., assignor.
Collings, Frederick C., Jr., assignor.
Crawley, James B., assignor.
Crosby, David E., assignor.
Crosby, Murray G., assignor.
Cunningham, David E., assignor.
Cunningham, O. B., Sussman, and Gubin, assignors.
Deal, Harmon B., assignor.
DeVore, Henry B., assignor.
Dimmick, Glenn L., assignor.
Donal, John S., Jr., assignor.
Donley, Hugh L., assignor.
Dow, O. E., and Goldstine, assignors.
Eaton, Thomas T., assignor.
(Elliott, C. L., assignor), and Pantalone
Elston, George F., assignor.
Ferris, Warren R., assignor.
Flory, Leslie E., assignor.
Ford, John R., assignor.
Ford, J. R., and Brumbaugh, assignors.
Foster, Dudley E., assignor.
Fredendall, Gordon L., assignor.
Garthwaite, Ernest, assignor.
George, R. H., and Hesselberth, assignors.
Gillespie, Charles N., assignor.
Gillespie, Henderson C., assignor.
Goddard, De Witt R., assignor.
Goldsmith, Alfred N., assignor.
Goldstine, Hallan E., assignor.
Goodale, Elmer D., assignor.
Goodrich, Robert R., assignor.
Green, E., and Clough, assignors.
Grosdoff, Igor E., assignor.
Guedon, Emile C., assignor.
Hansell, Clarence W.
Hansell, Clarence W., assignor.
Harvey, R. L., and Fisher, assignors.
Hathaway, Jarrett L., assignor.

Radio Corporation of America: *See*—Continued
Haynes, Robert L., assignor.
Hayward, Sheldon, C., assignor.
Hegener, Joseph, assignor.
Heller, Harold P., assignor.
Herold, Edward W., assignor.
Hillier, James, assignor.
Hirmann, Julius, assignor.
Hogan, John V. L., assignor.
Hollingsworth, R. Lee, assignor.
Hollingsworth, "R." Lee, assignor.
Holst, Paul F. G., and Kirkwood, assignors.
Jones, John W., Jr., assignor.
Jones, Loren F., assignor.
Keizer, Eugene O., assignor.
Kellogg, Edward W., assignor.
Kennedy, Gilbert J., assignor.
Kilgore, George R., assignor.
Klingaman, George W., assignor.
Koch, Winfield, assignor.
Koch, Winfield R., assignor.
Kozanowski, Henry N., assignor.
Kreuzer, Barton, assignor.
Lawrence, Howard C., Jr., assignor.
Le Page, Wilbur R., assignor.
Leverenz, Humboldt W., assignor.
Levinson, Nathan, assignor.
Lindenblad, Nils E., assignor.
Lindenblad, N. E., and Finch, assignors.
Linder, Ernest G., assignee.
Little, Ralph V., Jr., assignor.
Luck, David G. C., assignor.
Lurcott, Eugene G., Jr., assignor.
MacLean, Kenneth G., assignor.
Magnusson, Knut J., assignor.
Maloff, I. G., assignor.
Malone, George, assignor.
Markowski, Walter T., assignor.
Marton, Ladislaus, assignor.
Masterson, Karl E., assignor.
Mathes, Richard E., assignor.
Matthews, Walter L., assignor.
McAllister, Elvy G., assignor.
Miller, W. A., and Shenk, assignors.
Moore, John B., assignor.
Newman, William E., assignor.
Norton, Lowell B., assignor.
Olsen, Walter E., assignor.
Olson, Harry F., assignor.
Oppermann, Kurt W., assignor.
Owens, James H., assignor.
Paré, Victor T., assignor.
Peterson, Harold O., assignor.
Price, Thomas H., assignor.
Purington, Ellison S., assignor.
Quinby, Edwin J., assignor.
Rajchman, J. A., and Snyder, assignors.
Ramberg, Edward G., assignor.
Reinhold, Leonhard F., assignor.
Reynolds, James H., assignor.
Roberda, W. M., and Wheeler, assignors.
Roberts, Walter van B., assignor.
Rosencrans, Charles A., assignor.
Schade, Otto H., assignor.
Schick, John R., assignor.
Schlesinger, Kurt, assignor.
Schroeder, Alfred C., assignor.
Seeley, Stuart W., assignor.
Seeley, S. W., and Rankin, assignors.
Seiler, Karl, 3rd, assignor.
Shaffer, Kenneth B., assignor.
Shorrys, Charles, assignor.
Shumard, Charles C., assignor.
Simpson, William E., assignor.
Singer, Kurt, assignor.
Sinnett, Chester M., assignor.
Sinnett, C. M., and Snepsangers, assignors.
Smith, James E., assignor.
Sontheimer, C. G. assignor.
Sontheimer, C. G., and Doak, assignors.
Spencer, James A., assignor.
Spencer, J. A., and Reinhold, assignors.
Spitzer, Edwin E., assignor.
Shasko, Edward, assignor.
Stott, Harold B., assignor.
Saikiai, George C., assignor.
Thomas, Harry E., assignor.
Thompson, Leland E., assignor.
Thompson, Walter S., assignor.
Tolson, William A., assignor.
Trevor, Bertram, assignor.
Tunick, Harry, assignee.
Underhill, Joseph L., assignor.
Usselman, George L., assignor.
Van Dyck, Arthur, assignor.
Vance, Arthur W., assignor.
Vannelli, Anthony J., assignor.
Watson, William O., assignor.
Wendt, Karl R., assignor.
Whittaker, James L., assignor.
Winlund, Edmond S., assignor.
Witty, William M., assignor.
Wolf, Lester J., assignor.
Young, Charles J., assignor.
Young, John E., assignor.
Young, Lloyd L., assignor.
Zappacosta, Amedeo D., assignor.
Radio Electronics Limited: *See*—
Van den Bosch, F. J. G., and Tapp, assignors.
Radio Patents Corporation: *See*—
Bell, David A., assignor.
Rath, Karl, assignor.
Thomas, Harry W., assignor.
Radtke, Fred G., Milwaukee, Wis. Carrying tongs. 2,367,969; Jan. 23.
Rads, John W., assignor to H. Winston, Inc., New York, N. Y. Diamond cutting machine. 2,382,256; Aug. 14.
Rady, William J., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Sealed-in regulator. 2,377,265; May 29.
Raffles, Frank: *See*—
Linell, Charles S., assignor.
Raffold Process Corporation: *See*—
Rafton, Harold R., assignor.
Rafton, Harold R., Andover, Mass., assignor to Raffold Process Corporation. Treatment of pigment comprising calcium carbonate. 2,383,509; Aug. 28.
Rafton, Harold R., Andover, Mass., assignor to Raffold Process Corporation. Manufacture of pigments and products made therewith. 2,385,379; Sept. 25.
Ragats, Edward G.: *See*—
Dillon, L., and Ragatz.
Raggio, Maynard H., Chicago, Ill. Desk with typewriter attachment. 2,384,045; Sept. 4.
Ragsdale, Earl J. W., Norristown, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Sleeping car room arrangement. 2,383,162; Aug. 21.
Ragupos, Geronime R., Spokane, Wash. Oyster opening machine. 2,391,739; Dec. 25.
Raibourn, Charles N., Washington, D. C. Metalworking machine. 2,368,614; Feb. 6.
Railroad Accessories Corporation: *See*—
Hull, S. P., Corcoran, and (Lundy, assignor).
Schlesinger, Benjamin, assignor.
Railroad Rolling Stock Patents Corporation: *See*—
Breer, C., and Janeway, assignors.
Janeway, Robert N., assignor.
Rails Company, The: *See*—
Holstein, Frederick W., assignor.
Railway and Industrial Engineering Company: *See*—
Heberlein, G. E., and Kradel, assignors.
Railway Refrigeration Corporation: *See*—
Biehl, Alfred M., assignor.
Rainalter, Herman, Cumberland, Md., assignor to Celanese Corporation of America. Pumping device. 2,369,249; Feb. 13.
Rainer, William C.: *See*—
Warth, A. H., and Rainer.
Rainier, Edwin T., Nutley, and D. M. French, Passaic, N. J., assignors to United States Rubber Company, New York, N. Y. Nitrogen generating chemicals. 2,371,707; Mar. 20.
Rainsford, Thomas F., Detroit, assignor of one-half to L. Lawson, Dearborn, and one-half to A. J. D'Anna, Wyandotte, Mich. Gear shifting mechanism. 2,381,773; Aug. 7.
Raisch, Charles F.: *See*—
Garancher, M., and Raisch.
Raiter, Clifford R.: *See*—
Peterson, A. C., and Raiter.
Raiziss, George W., Le R. W. Clemence, and M. Freifelder, Philadelphia, Pa., assignors to Abbott Laboratories. Sulphanilylaminohydantoin. 2,384,964; Sept. 18.
Rajchman, Jan A., Philadelphia, Pa., and R. L. Snyder, Jr., Glassboro, N. J., assignors to Radio Corporation of America. Electron optical instrument. 2,372,450; Mar. 27.
Rakas, Nicholas J., Royal Oak, assignor to Chrysler Corporation, Highland Park, Mich. Composite article. 2,367,800; Jan. 23.
Rakauskas, James T., Chicago, Ill. Depth gauge. 2,373,338; Apr. 10.
Rakowsky, Victor, Joplin, Mo., and J. R. Reid, Madison, Tenn. Decorticating grain. 2,379,184; June 26.
Raley, John H., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Sensitization of hydrogen bromide catalyzed oxidation reactions. 2,391,740; Dec. 25.
Ralston, Albert A., Fort Wayne, Ind., assignor to General Electric Company. Explosion-proof apparatus. 2,368,492; Jan. 30.
Ralston, Anderson W., J. P. Barrett, and M. R. McCorkle, assignors to Armour and Company, Chicago, Ill. Insecticidal compositions. 2,383,564; Aug. 28.
Ralston, Glenn S., Rockford, Ill., assignor to Servisoft, Inc. Water softener. 2,370,190; Feb. 27.
Ralston, James W., et al.: *See*—
Clavering, Gunnar, assignor.
Ralston, Ralph L., Jackson, Mich. Book toy. 2,367,373; Jan. 16.
Ralston, Seymour E., assignor to Structural Specialties, Inc., West Palm Beach, Fla. Stud, rafter, and joist bracket. 2,369,687; Feb. 20.

Ramaker, Ray E., Seattle, Wash. Corrective nipple for nursing bottles. 2,366,214; Jan. 2.

Ramberg, Edward G., Powellsville, Md., assignor to Radio Corporation of America. Electron lens system. 2,369,796; Feb. 20.

Rambold, Adolf, Dresden, Germany; vested in the Alien Property Custodian. Filling and measuring apparatus. 2,370,191; Feb. 27.

Rambush, Niels E.: *See*—
Kalous, M. J., and Rambush.

Ramey, Mason L., San Pedro, Calif. Elevator. 2,375,584; May 8.

Ramey, Oscar A., Oakland, Calif. Daylight photographic numbering machine. 2,366,804; Jan. 9.

Ramo, Simon, Schenectady, N. Y., assignor to General Electric Company. High-frequency apparatus. 2,366,555; Jan. 2.

Ramsay, Albert, et al.: *See*—
Ramsay, Marcus, assignor.

Ramsay, Eric G., et al.: *See*—
Ramsay, Marcus, assignor.

Ramsay, Erskine, Birmingham, Ala. Machine for driving slopes and air courses in mines. 2,384,397; Sept. 4.

Ramsay, Marcus, Great Neck, assignor of eighteen and three-fourths per cent to A. Ramsay, eighteen and three-fourths per cent to E. G. Ramsay, twenty-five per cent to H. D. Spencer, New York, N. Y., and eighteen and three-fourths per cent to W. F. Young, Eugene, Oreg. Manufacture of piezoelectric oscillator blanks. 2,382,257; Aug. 14.

Rameyer, Charles F.: *See*—
Brassert, H. A., and Rameyer.

Rameyer, Charles F., Old Greenwich, Conn., assignor to H. A. Brassert & Company, New York, N. Y. Cracking hydrocarbon gases and vapors. 2,389,636; Nov. 27.

Rameyer, Charles F., Old Greenwich, Conn., and F. W. de Jahn, assignors to H. A. Brassert & Company, New York, N. Y. Bubble cap. 2,378,157; June 12.

Ramstedt, Emil, New Haven, and D. D. Symmes, West Haven, Conn., assignors to The American Steel and Wire Company of New Jersey. Apparatus for manufacturing wire rope. 2,374,133; Apr. 17.

Ranck, Clayton E.: *See*—
Marks, B. M., and Ranck.

Ranco Incorporated: *See*—
Hobbs, Walter V., assignor.

Rand, Edward H., assignor to Rand Rubber Company, Brooklyn, N. Y. Coating apparatus. 2,376,184; May 15.

Rand Rubber Company: *See*—
Rand, Edward H., assignor.

Randall, Albert T., Seattle, Wash. Toolbox. 2,386,573; Oct. 9.

Randall, Herman P., Pasadena, Calif. Lock-nut. 2,391,513; Dec. 25.

Randall, Robert M., and B. C. Mandeville, San Diego, Calif. Rivet squeezer. 2,368,378; Jan. 30.

Randall, Robert J., East Orange, assignor to Reiss Manufacturing Corp., Jersey City, N. J. Press opening device. 2,372,852; Apr. 3.

Randall, Robert J., East Orange, assignor to Reiss Manufacturing Corp., Jersey City, N. J. Apparatus for coating. 2,375,493; May 8.

Randall, William C., Birmingham, assignor to Detroit Steel Products Company, Detroit, Mich. Panel for use in walls, partitions, and the like. 2,367,610; Jan. 16.

Randall, William J., Leeton, England. Closure of collapsible containers. 2,376,185; May 15.

Randol, Glenn T., St. Louis, Mo. Change-speed transmission. 2,383,615; Aug. 28.

Randol, Glenn T., St. Louis, Mo. Control mechanism for change-speed gearing. 2,383,616; Aug. 28.

Randol, Glenn T., St. Louis, Mo. Change-speed transmission control means. 2,386,174; Oct. 2.

Randol, Glenn T., St. Louis, Mo. Transmission control mechanism. 2,388,763; Nov. 13.

Randolph Laboratories, Inc.: *See*—
Boal, Stewart, assignor.

Raney, Clemma R., Riverside, and R. R. Raney, La Grange, Ill., assignors to International Harvester Company. Conveyer. 2,369,754; Feb. 20.

Raney, Russell R.: *See*—
Messenger, R. P., Kaupke, and Raney.
Raney, C. R. and R. R., assignors.

Raney, Russell R., Auburn, N. Y., assignor to International Harvester Company. Pickup construction. 2,391,348; Dec. 18.

Range, Bailey E., Armathwaite, Tenn. Pliers. 2,391,796; Dec. 25.

Rankin, John A.: *See*—
Seeley, S. W., and Rankin.

Ranney, Leo, McConnelsville, Ohio. Surveying instrument. 2,373,976; Apr. 17.

Ranney, Willet B., assignor to Wm. Wrigley Jr. Company, Chicago, Ill. Wrapping machine. 2,370,072; Feb. 20.

Ranney, Willet B., assignor to Wm. Wrigley Jr. Company, Chicago, Ill. Package turnover apparatus. 2,370,325; Feb. 27.

Ranney, Willet B., assignor to Wm. Wrigley Jr. Company, Chicago, Ill. Wrapping machine. 2,370,418; Feb. 27.

Ranney, Willet B., assignor to Wm. Wrigley Jr. Company, Chicago, Ill. Gum package. 2,380,367; July 10.

Ranoe, Matthew O., Minneapolis, Minn. Nine position automatic phorlameter. 2,376,554; May 22.

Ransohoff, Nathan, Cincinnati, Ohio. Treating apparatus. 2,377,964; June 12.

Ransom, Albert C.: *See*—
Mitchell, Percival H., assignor.

Ransom, Richard B., Knoxville, Tenn., assignor to Universal Products Company Incorporated, Dearborn, Mich. Universal joint. 2,377,451; June 5.

Ransome, Stafford M., assignor to Barber-Colman Company, Rockford, Ill. Machine for hobbing. 2,389,815; Nov. 27.

Rapaport, Meyer, Chicago, Ill. Toy. 2,377,104; May 29.

Raper, Doyle O., Arbuckle, Calif. Sprayer. 2,374,955; May 1.

"Rapid" Motormaker A. G.: *See*—
Rutishauser, Arnold, assignor.

Rapinwax Paper Company: *See*—
Rhodes, C. M., and Wendorf, assignors.

Rapkine, Louis, New York, N. Y. Preparation of cysteine and glutathione. 2,376,186; May 15.

Rapp, Howard B., et al.: *See*—
Heckathorn, Loyd, assignor.

Rapp, John L., assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Attachment for screen leaf springs. 2,378,499; June 19.

Rapp, Robert L., Burbank, Calif. Fastening device. 2,390,325; Dec. 4.

Rapp, Sally, et al.: *See*—
Heckathorn, Loyd, assignor.

Rappaport, Max, New York, N. Y. Compact and the like. 2,373,852; Apr. 17.

Rappl, Anton, Eggertsville, assignor to Trico Products Corporation, Buffalo, N. Y. Gauging apparatus. 2,367,797; Jan. 23.

Rappl, Anton, Eggertsville, assignor to Trico Products Corporation, Buffalo, N. Y. Window opener. 2,390,617; Dec. 11.

Rappl, Anton, assignor to Trico Products Corporation, Buffalo, N. Y. Window operator. 2,369,797; Feb. 20.

Rappl, Anton, assignor to Trico Products Corporation, Buffalo, N. Y. Window operator. 2,375,037; May 1.

Rappl, Anton, assignor to Trico Products Corporation, Buffalo, N. Y. Window operator. 2,378,103; June 12.

Rappl, Anton, assignor to Trico Products Corporation, Buffalo, N. Y. Combined door and window lock. 2,378,500; June 19.

Rappl, Anton, assignor to Trico Products Corporation, Buffalo, N. Y. Window operator. 2,391,073; Dec. 18.

Rappl, Anton, Buffalo, and E. C. Horton, Hamburg, assignors to Trico Products Corporation, Buffalo, N. Y. Window operator. 2,379,989; July 10.

Rappl, Anton, Buffalo, and E. C. Horton, Hamburg, assignors to Trico Products Corporation, Buffalo, N. Y. Window operator. 2,390,271; Dec. 4.

Rascov, Anthony J., Union Township, Clermont County, Ohio. Carburetor. 2,378,864; June 19.

Raskhodoff, Nicholas M., Hyattsville, Md. Shielded tube socket with built-in radio-frequency by-pass condensers. 2,369,177; Feb. 13.

Rasmussen, Clarence R., Berwyn, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Ganging and sorting apparatus. 2,375,285; May 8.

Rasmussen, Clarence T., Moline, and R. D. Griff, Rock Island, assignors to Deere & Company, Moline, Ill. Dusting machine. 2,370,914; Mar. 6.

Rasmussen, Olaf, Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Hydraulic brake. 2,369,313; Feb. 13.

Rasmussen, Olaf, Sidney, Ohio, assignor to General Motors Corporation, Detroit, Mich. Brake. 2,385,540; Sept. 25.

Rasmussen, Oswald E., Greenburg, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Armored conductor structure. 2,391,036; Dec. 18.

Rasmussen, Robert, assignor to Diamond Power Specialty Corporation, Detroit, Mich. Water gauge. 2,369,798; Feb. 20.

Rasmussen, Viggo, Minneapolis, Minn. Ironing board. 2,386,139; Oct. 2.

Rasor, Orval, Portland, Oreg. Tubular construction. 2,380,549; July 31.

Rasor, Orval, Portland, Oreg. Airplane towing mechanism. 2,388,013; Oct. 30.

Raspet, August, Locust Valley, assignor to Kenyon Instrument Co., Inc., Huntington Station, Long Island, N. Y. Barometer. 2,377,182; May 29.

Raspet, August, Locust Valley, N. Y., assignor to Aviation Research and Development Corporation, Fredericksburg, Va. Toy. 2,391,797; Dec. 25.

Rasso, Walter, Chicago, Ill. Fence post or the like. 2,384,338; Sept. 4.

Rast, Frederick Q., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Time recorder. 2,366,872; Jan. 9

Rast, William L., and D. M. Musser, Pittsburgh, Pa., assignors to The Glenn L. Martin Company, Baltimore, Md. Making plastic products. 2,371,313; Mar. 13.

Ratalczak, Francis L., assignor to General Motors Corporation, Dayton, Ohio. Positioning fixture. 2,377,965; June 12.

Ratay, John P., Washington, D. C. Tube machine. 2,390,171; Dec. 4.

Ratchford, Harry L., Williamsport, and H. Smithgall, Jr., Montoursville, assignors to Sylvania Electric Products Inc., Emporium, Pa. Electrode support and contracting means. 2,385,380; Sept. 25.

Ratchford, William P., Willow Grove, and C. H. Fisher, Abington, Pa., assignors to Claude R. Wickard, as Secretary of Agriculture of the United States of America. Manufacturing acrylic esters and other unsaturated compounds by thermal decomposition. 2,378,501; June 19.

Ratermann, Alfred C.: *See*—
Ryan, W., Jr., and Ratermann.

Rath, Karl, New York, N. Y. Photoelectric exposure control. 2,379,102; June 26.

Rath, Karl, New York, N. Y. Visual photographic exposure meter. 2,379,103; June 26.

Rath, Karl, New York, N. Y. Photoelectric exposure control. 2,387,466; Oct. 23.

Rath, Karl, assignor to Radio Patents Corporation, New York, N. Y. Variable frequency oscillator. 2,378,245; June 12.

Rathbun, John P., Prospect Park, and M. A. Nelson, Sharon Hill, Del., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Heat exchange apparatus. 2,376,505; May 22.

Rathbun, Merrill L., Salamanca, N. Y. Closed receptacle or case. 2,379,254; June 26.

Rathgen, Ewalt A., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Rotary shear. 2,370,993; Mar. 6.

Ratigan, James P., Los Angeles, Calif. Stuffing box. 2,380,189; July 10.

Ratio Structures, Inc.: *See*—
Wiener, Paul L., assignor.

Ratner, Essel, assignor of one-half to B. Pregel, New York, N. Y. Treating raw animal fats. 2,388,284; Nov. 6.

Ratterman, Henry, Jr.: *See*—
Kappes, John J., assignor.

Ratti, Roger, Neu-Allschwil, near Basel, and P. Brandt, assignors to Durand & Huguenin A. G., Basel, Switzerland. Textile printing with leuco ester salts of vat dyes. 2,388,285; Nov. 6.

Ratz, Elmer G., Hamilton, Ontario, Canada, assignor to Westinghouse Electric & Manufacturing Company, Pittsburgh, Pa. Transformer differential relay. 2,376,808; May 22.

Ratzer, Arthur F.: *See*—
Treise, D. J., and Ratzer.

Rau, David, Kirkwood, and C. E. Peters, Clayton, assignors to B. L. Electric Company, St. Louis, Mo. Rectifiers. 2,391,194; Dec. 18.

Rau, Eric J., Madeira, assignor to C. W. Zumbiel Company, Norwood, Ohio. Cellular paperboard container. 2,366,557; Jan. 2.

Rau, Harry A., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Apparatus for combining sheets. 2,384,768; Sept. 11.

Rau, Walter F., Hagerstown, Md. Figure toy. 2,379,376; June 26.

Rauch, John D., Fort Wayne, Ind. Crane turntable. 2,366,558; Jan. 2.

Rauch, John D., Fort Wayne, Ind. Driving axle unit. 2,377,574; June 5.

Rauch, Konrad: *See*—
Spurlino, P., and Rauch.

Rauen, John B., assignor to United States Spring & Bumper Co., Los Angeles, Calif. Conveyer furnace. 2,367,429; Jan. 16.

Rauh, Hermann, Berlin-Zehlendorf, Germany; vested in the Alien Property Custodian. Accounting machine. 2,371,914; Mar. 20.

Rauland Corporation, The: *See*—
Antalek, John J., assignor.

Rauner, Lawrence A.: *See*—
Bass, S. L., Rauner, and Lipke.

Raup, Clyde N., Catawissa, Pa. Self leveling caster. 2,386,005; Oct. 2.

Rausch, Joseph J., Berwyn, assignor to Litho Equipment & Supply Co., Chicago, Ill. Motion picture projector apparatus. 2,373,052; Apr. 3.

Rausch, Joseph J., Berwyn, assignor to Litho Equipment & Supply Co., Chicago, Ill. Multiple sound track film selector device. 2,373,260; Apr. 10.

Rauschenberger, George W., Ecorse, Mich., assignor to National Steel Corporation. Cooling bed. 2,370,915; Mar. 6.

Raven, Albert L., Mount Vernon, N. Y. Projection screen stand. 2,382,025; Aug. 14.

Ravén, Carl B., assignor to Ingenjörsfirma Viggo Aktiebolag, Halsingborg, Sweden. Sterilising container. 2,384,398; Sept. 4.

Ravn, Thomas N.: *See*—
Hishon, P. D., Carter, Ravn, and Borchers.

Ravndal, Eric, and A. P. Fothergill, Orlando, Fla, assignors of three-fourths to said Ravndal and one-fourth to said Fothergill. Apparatus for extracting fruit juices. 2,374,456; Apr. 24.

Raw, Charles, assignor of one-half to J. Tappin, Toledo, Ohio. Truss. 2,372,010; Mar. 20.

Rawlings, Franklin N., Westport, Conn., assignor to The Dorr Company, New York, N. Y. Regeneration of ionic exchangers. 2,366,651; Jan. 2.

Rawlings, Franklin N., Westport, Conn., assignor to The Dorr Company, New York, N. Y. Purification of sugar solutions. 2,391,843; Dec. 25.

Rawlings, Franklin N., Westport, Conn., and L. De Geofroy, assignors to The Dorr Company, New York, N. Y. Ionic exchange operations. 2,366,650; Jan. 2.

Rawlings Manufacturing Company: *See*—
Sopp, Richard A., assignor.

Rawlins, Herbert L., Wilkinsburg, and J. M. Wallace, Braddock, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,376,809; May 22.

Ray, Arthur F.: *See*—
Auer, L., and Ray.

Ray, Carlo: *See*—
Ray, Don and C.

Ray, Don, Beverly Hills, Calif. Gasproof container. 2,370,419; Feb. 27.

Ray, Don, Beverly Hills, Calif. Machine for decorating bottles. 2,371,265; Mar. 13.

Ray, Don, Beverly Hills, Calif. Compacting material. 2,380,903; July 31.

Ray, Don and C., Beverly Hills, Calif., assignors to Kraft Cheese Company. Packaging machine. 2,378,324; June 12.

Ray, Eugene J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Automatic shoe machine. 2,368,878; Feb. 6.

Ray, Francis E.: *See*—
Rieveschl, G., Jr., and Ray.

Ray, Frederick E.: *See*—
Kalichevsky, V. A., Ray, and Payne.

Ray, George, McGraw, N. Y. Rear window dehydrator for automobile bodies. 2,384,769; Sept. 11.

Ray, James L., Elm Grove, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Pipe joint. 2,375,494; May 8.

Ray, Philip A., Denver, Colo., assignor to Hercules Powder Company, Wilmington, Del. Flotation process for ores containing sodium chloride. 2,389,080; Nov. 13.

Ray, William A., Los Angeles, Calif. Fluid control valve. 2,367,524; Jan. 16.

Ray, William A., Los Angeles, Calif. Electromagnetically operated valve. 2,370,752; Mar. 6.

Ray, William A., Los Angeles, Calif. Control system. 2,372,393; Mar. 27.

Ray, William A., Los Angeles, Calif. Electromagnetically operated valve. 2,372,853; Apr. 3.

Ray, William A., Los Angeles, Calif. Fluid control valve. 2,374,895; May 1.

Ray, William A., Los Angeles, Calif. Control system. 2,375,870; May 15.

Ray, William A., Los Angeles, Calif. Electromagnetic operator. 2,377,515; June 5.

Ray, William A., Los Angeles, Calif. Thermoelectric generating system. 2,377,516; June 5.

Ray, William A., Los Angeles, Calif. Control system. 2,377,517; June 5.

Ray, William A., Los Angeles, Calif. Electromagnetic relay. 2,381,080; Aug. 7.

Ray, William A., Los Angeles, Calif. Thermostat. 2,381,557; Aug. 7.

Ray, William A., Los Angeles, Calif. Electromagnetic operator. 2,382,664; Aug. 14.

Ray, William A., Los Angeles, Calif. Control system. 2,384,696; Sept. 11.

Ray, William A., Los Angeles, Calif. Mounting means for electrical parts. 2,387,409; Oct. 23.

Ray, William A., Los Angeles, Calif., assignor to General Controls Co. Fluid control valve. 2,388,868; Nov. 13.

Ray, William A., Los Angeles, Calif., assignor to General Controls Co. Burner control system. 2,390,172; Dec. 4.

Ray, William A., Glendale, Calif. Thermocouple. 2,370,326; Feb. 27.

Ray, William A., Glendale, Calif. Control apparatus. 2,381,926; Aug. 14.

Ray, William A., Glendale, Calif. Rectifier. 2,383,735; Aug. 28.

Ray, William R., Los Angeles, Calif. Thermoelectric device. 2,374,701; May 1.

Raybestos-Manhattan, Inc.: *See*—
Joyce, William J., Jr., assignor.
Kuzmick, Jerome, assignor.
Walker, Frederick S., assignor.
Weaver, Jesse M., assignor.

Rayburn, Vincent A., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Electrolytic apparatus. 2,370,420; Feb. 27.

Rayhon, Sidney C., Dawson, Ga. Internal-combustion engine. 2,390,960; Dec. 11.

Raymond, Edward F., Los Angeles, Calif. Welding rod holder. 2,372,009; Mar. 20.

Raymond, Gwynne, Oklahoma City, Okla. Safety device for pressure vessels. 2,387,353; Oct. 23.

Raymond, Lambert L., Minneapolis, Minn. Candle ornament for Christmas trees. 2,367,611; Jan. 16.

Raymond, Leslie R., Santa Ana, assignor to A. S. Cowie & Co., Los Angeles, Calif. Cutting oil. 2,388,439; Nov. 6.

Raymond, Sydney A., assignor to Cleanite Chemical Co., Chicago, Ill. Dispenser for washing compounds. 2,387,944; Oct. 30.

Rayne, Norman, London, England. Dental handpiece. 2,368,324; Jan. 30.

Rayner, Thomas R., Wallasey, and G. A. Burns, Liverpool, England, assignors, by mesne assignments, to Automatic Electric Laboratories, Inc., Chicago, Ill. Telemetering arrangement. 2,389,275; Nov. 20.

Raynolds, James W., Easton, Pa. Coating compositions. 2,384,132; Sept. 4.

Rayonier Incorporated: *See*—
Schlosser, P. H., and Gray, assignors.

Ray-O-Vac Company: *See*—
Briggs, Leland G., assignor.
Wengel, Arthur M., assignor.

Raytheon Manufacturing Company: *See*—
Dawson, John W., assignor.
Dawson, J. W., and Klemperer, assignors.
Klemperer, Hans, assignor.
Shere, Gerald D., assignor.
Smith, Charles G., assignor.
Spencer, John A., assignor.
Spencer, Percy L., assignor.
Stutsman, Paul W., assignor.

Rayton, Wilbur B., Rochester, and L. M. Hudson, Brighton, assignors to Bausch & Lomb Optical Company, Rochester, N. Y. Telephoto objective. 2,390,387; Dec. 4.

Rea, Philip M.: *See*—
Cailloux, J. F., and Rea.

Rea, Wilton T., Bayside, and J. B. Wilkerson, Brooklyn, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical timing circuit. 2,370,685; Mar. 6.

Reach, Milton B., Springfield, Mass. Making inflatable athletic game balls. 2,367,374; Jan. 16.

Read, Chester L., Westfield, N. J., assignor to Standard Oil Development Company. Vapor phase extraction. 2,391,104; Dec. 18.

Read, Davis, Jr., assignor to Universal Oil Products Company, Chicago, Ill. Catalytic cracking. 2,377,716; June 5.

Read, Davis, Jr., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,384,339; Sept. 4.

Read, James G., New Smyrna Beach, Fla. Centrifugal pump. 2,385,730; Sept. 25.

Read, John N., Santa Monica, Calif. Airfoil. 2,366,751; Jan. 9.

Read, Lee S.: *See*—
Cohen, S. A., Thurmond, and Read.

Read Machinery Co. Inc.: *See*—
Brunner, Eugene E., assignor.

Read, Roland R., Kirkwood, Mo., assignor to Sharp & Dohme, Incorporated, Philadelphia, Pa. Alkyl phenol compositions. 2,391,798; Dec. 25.

Reader, Adolph: *See*—
Frank, Louis, assignor.

Reader, Albert E., et al.: *See*—
Clavering, Gunnar, assigner.

Reading, Walter J., Buffalo, N. Y. Washer for eggs or the like. 2,374,500; Apr. 24.

Reagan, Leon S., and J. C. Wallis, assignors to Webster Engineering Company, Tulsa, Okla. Combustion apparatus. 2,386,882; Oct. 16.

Realty and Industrial Corporation: *See*—
Bevan, James E., assignor.
Bolsterli, Arthur A., assignor.
Ileman, Emil A., assignor.
Pearson, Harold E., assignor.

Reamer, Thomas E., Albany, assignor to Shell Development Company, San Francisco, Calif. Stabilizing asphalt compositions. 2,370,994; Mar. 6.

Reardon, Joseph D., and N. Gottlieb, Buffalo, N. Y., assignor, by mesne assignments, to American Optical Company, Southbridge, Mass. Lens system. 2,388,077; Oct. 30.

Reaser, Wilbur W.: *See*—
Kleinhans, E. S., and Reaser.

Reason, Richard E., assignor to Kapella Limited, Leicester, England. Gauge head for electrical measuring apparatus. 2,370,073; Feb. 20.

Reason, Richard E., assignor to Taylor, Taylor & Hobson Limited, Leicester, England. Apparatus for measuring or indicating the roughnesses or undulations of surfaces. 2,374,451; Mar. 27.

Reavill, Frederick, Beeston, England. Potato harvesting machine. 2,376,723; May 22.

Rebechini, Eugene J., assignor, by mesne assignments, to Schutter Candy Company, Chicago, Ill. Method and apparatus for packaging. 2,384,492; Sept. 11.

Rebhols, Elmer F., Chicago, Ill., assignor to J. F. Barnes, trustee. Cornice and bracket therefor. 2,375,247; May 8.

Rechtin, Clarence R., Bridgetown, and J. E. Trostle, assignors to The J. H. Day Company, Cincinnati, Ohio. Turbodissolver. 2,390,898; Dec. 11.

Rechton, George D., Los Angeles, D. J. Ward, Sherman Oaks, and J. H. Watson, Los Angeles, assignors to Douglas Aircraft Company, Inc., Santa Monica, Calif. Machine for forming material. 2,372,516; Mar. 27.

Reciprocating Razors Corporation: *See*—
Van Slyke, Victor T., assignor.

Reck, Hilbert W., Elgin, Ill. Spring suspension system for railway car trucks. 2,377,600; June 5.

Reckmeyer, Verne H., Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. Photographic developers. 2,385,763; Sept. 25.

Reckmeyer, Verne H., and A. H. Brunner, Jr., Binghamton, assignors to General Aniline & Film Corporation, New York, N. Y. Aminophenol derivatives and photographic developers containing them. 2,374,501; Apr. 24.

Reconstruction Finance Corporation: *See*—
Grotke, Charles, assignor.
Lemonier, Camille R., assignor.
Myers, Leonard D., assignors.
Purdy, E. M., and Tabb, assignors.
Quarfoot, Harry B., assignor.
Schur, Milton O., assignor.
Tabb, Warner T., assignor.
Tabb, W. T., and Purdy, assignors.
Williamson, Hilding V., assignor.

Records, Elmer H., Tacoma, Wash. Retort. 2,385,731; Sept. 25.

Records, Elmer H., and J. E. Loutitt, Tacoma, Wash. Apparatus for distilling oil shale and the like. 2,377,518; June 5.

Rector, Clinton, Brooklyn, N. Y., and C. F. Schrimpe, Woodbridge, N. J., assignors to Bakelite Corporation. Phenol-aldehyde resins. 2,371,915; Mar. 20.

Rector, Laurence L., Fort Worth, and C. L. Cron, Houston, Tex. Sealing composition. 2,367,375; Jan. 16.

Rector, Laurence L., Fort Worth, and C. L. Cron, Houston, Tex. Coating composition. 2,367,376; Jan. 16.

Rector, Thomas M., Morristown, N. J., assignor to General Foods Corporation, New York, N. Y. Method and apparatus for solvent extraction. 2,390,388; Dec. 4.

Red Jacket Manufacturing Co.: *See*—
Patterson, Glenn A., assignor.

Reda Pump Company: *See*—
Arutunoff, Armais, assignor.

Redding, Victor E., and W. C. Michaelis, Minneapolis Minn. Garage door. 2,368,182; Oct. 30.

Redding, William H., Philadelphia, Pa. Barometer interpreter. 2,385,732; Sept. 25.

Reddir, Inc.: *See*—
Johnsen, Cecil E., assignor.

Redfern, Sutton, Bronx, assignor to Standard Brands Incorporated, New Smyrna, N. Y. Preparation of nucleic acid. 2,387,040; Oct. 16.

Redington, F. B., Co.: *See*—
Malhiot, Clarence J., assignor.

Redler, Arnold, Stroud, England. Cinematograph apparatus. 2,390,389; Dec. 4.

Redler Conveyor Company: *See*—
Sinden, Alfred De Los, assignor.

Redlund, Charles W., West Hartford, Conn. Amusement attachment for bicycles. 2,367,430; Jan. 16.

Redman, Horace E., Wenonah, and E. W. Fuller, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Mineral oil composition. 2,383,510; Aug. 28.

Redman, Milton N., Tompkins Corners, N. Y. Baby's bed guard. 2,371,644; Mar. 20.

Redmer, Norman W., Chicago, Ill. Ping gauge. 2,375,945; May 15.

Redmon, Bryan C.: *See*—
Davis, H. S., and Redmon.

Redmon, Bryan C., and G. R. Griffin, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Preparation of alkali metal hydracrylates. 2,369,491; Feb. 13.

Redmond, A. G., Co.: *See*—
Pencher, Harry E., assignor.

Redmond, James H., Schenectady, N. Y., assignor to General Electric Company. Resistance welding apparatus. 2,386,261; Oct. 9.

Redmond, Lury B., Fort Leavenworth, Kans., assignor, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Galvanometer. 2,389,081; Nov. 13.

Redson-Rice: *See*—
Rice, Ernest G., assignor.

Reeb, Alfred, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Arc welding apparatus. 2,373,598; Apr. 10.

Reece Button Hole Machine Company, The: *See*—
Althens, Herbert E., assignor.
Avis, Samuel W., assignor.
Putnam, John P., assignor.

Reece, Franklin A., Brookline, Mass. Navigation instrument. 2,367,431; Jan. 16.

Reece, Franklin A., Brookline, Mass. Course intersection finder. 2,370,753; Mar. 6.

Reece, Franklin A., Brookline, Mass. Sewing machine. 2,377,037; May 29.

Reece, Franklin A., Brookline, Mass. Article attaching machine. 2,377,293; May 29.

Reece, Franklin A., Brookline, Mass. Button sewing machine. 2,378,656; June 19.

Reece, Herbert A.: *See*—
Smalley, O., and Reece.

Reece, James S., Birmingham, Ala., assignor to Continental Gin Company. Vacuum feeder. 2,367,311; Jan. 16.

Reed, Albert V., Inglewood, Calif. Fastener. 2,382,079; Aug. 21.

Reed, Alfred H., and F. N., Schenectady, N. Y. Dispenser. 2,370,995; Mar. 6.

Reed, Arthur B., Worcester, Mass. Thread rolling machine. 2,367,612; Jan. 16.

Reed, Arthur D., and A. W. Nonn, Jackson, Mich. All purpose garment hanger. 2,387,681; Oct. 23.

Reed, Carl S., assignor to The Lummus Company, New York, N. Y. Oil heater. 2,370,996; Mar. 6.

Reed, Charles E.: *See*—
Sauer, R. O., and Reed.

Reed, Charles E., Schenectady, and J. T. Coe, Fort Schuyler, N. Y., assignors to General Electric Company. Producing organo-siliconhalides. 2,389,931; Nov. 27.

Reed, Charles W., Los Angeles, Calif. Dump truck. 2,370,489; Feb. 27.

Reed, Clarence E., Wichita, Kans., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Earth boring tool. 2,369,979; Feb. 20.

Reed, Cortes F., Anoka, assignor to C. L. Horn, Minneapolis, Minn. Treatment of oil wells. 2,370,421; Feb. 27.

Reed, Cortes F., Anoka, assignor to C. L. Horn, Minneapolis, Minn. Preparation of chlorhydrins and polyhydric alcohols from olefins. 2,378,104; June 12.

Reed, Eo. Zanesville, assignor to The American Rolling Mill Company, Middletown, Ohio. Cleaning metal sheets. 2,380,550; July 31.

Reed, Frank M.: *See*—
Wilkes, G., and Reed.

Reed, Frederick N.: *See*—
Reed, Alfred H. and F. N.

Reed, George M., et al.: *See*—
Strang, H. E., Reed, and Linde.

Reed, Jesse C., Dayton, Ohio. Liquid-elevating apparatus. 2,391,105; Dec. 18.

Reed, Jesse C., Dayton, Ohio. Pulley structure for belt-type liquid elevators. 2,391,642; Dec. 25.

Reed, Jesse O., Washington, D. C., assignor to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Dehydrator. 2,370,422; Feb. 27.

Reed, Jesse O., Washington, D. C., assignor to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and to his successors in office. Refining and distilling oleoresin. 2,377,183; May 29.

Reed, John K., Charlevoix, Mich. Paddle. 2,380,870; July 31.

Reed Manufacturing Company: *See*—
Petersen, Thorvald, assignor.

Reed, Martha C., et al.: *See*—
Westlake, Albert, assignor.

Reed, Milton L., Avon, N. J. Safety landing gear and wheel for airplanes. 2,376,621. May 22.

Reed-Prentice Corporation: *See*—
McIntyre, Frederick W., assignor.
Melvin, W. T., and Rausemont, assignors.
Rosenlund, V. E., and Fuzak, assignors.
Rougemont, R. L., and Wilson, assignors.
Smith, Graydon, assignor.

Reed, Raymond E., St. Paul, Minn., assignor to The Kendall Company, Walpole, Mass. Textile fabric. 2,387,254; Oct. 23.

Reed, Robert M., assignor to The Girdler Corporation, Louisville, Ky. Stabilization of monoethanolamine solutions. 2,377,966; June 12.

Reed, Robert M., assignor to The Girdler Corporation, Louisville, Ky. Removing hydrogen sulphide from hydrocarbon liquids. 2,383,416; Aug. 21.

Reed, Robert M., assignor to The Girdler Corporation, Louisville, Ky. Gas processing. 2,390,809; Dec. 11.

Reed Roller Bit Company: *See*—
Fermier, George F., assignor.
Harrington, George G., assignor.
Johnson, Charles F., assignor.
Stokes, John C., assignor.

Reed, William L., Lynn, Mass., assignor to General Electric Company. Lubricating system for aircraft superchargers. 2,370,581; Feb. 27.

Reeder, David H., Kansas City, Mo. Apparatus for mining coal. 2,375,689; May 8.

Reeder, William H., III, Olean, N. Y., and G. A. Lescisin, South Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation. Production of β-diketones. 2,369,250; Feb. 13.

Reedy, Walter W., Sr., Lebanon, Pa. Mother ship for watercrafts. 2,370,916; Mar. 6.

Reek, Ashley J.: *See*—
Miller, W. J., and Reek.

Reek, Royal J.: *See*—
Pontius, G. W., III, and Reek.

Reek, Royal J., assignor to Bendix Aviation Corporation, South Bend, Ind. Gun feed mechanism. 2,379,185; June 26.

Rees, Frank X., assignor to General Railway Signal Company, Rochester, N. Y. Coded track circuit for railroads. 2,366,988; Jan. 9.

Rees, Frank X., assignor to General Railway Signal Company, Rochester, N. Y. Decoding relay system. 2,390,666; Dec. 11.

Rees, Frank X., Chili, assignor to General Railway Signal Company, Rochester, N. Y. Coded track circuit signaling system. 2,378,325; June 12.

Rees, Frank X., Chili, and J. Y. Howard, Greece, assignors to General Railway Signal Company, Rochester, N. Y. Carrier frequency communication system. 2,378,326; June 12.

Rees, Herbert C., San Antonio, Tex. Apparatus for measuring the distance between visual axes of the eyes and for determining vertical inbalance of the eyes or eyeglass lenses. 2,380,263; July 10.

Reese Button Hole Machine Company, The: *See*—
Collins, Ralph A., assignor.

Reese, Carl N., Alliance, assignor to The Timken Roller Bearing Company, Canton, Ohio. Tongs mechanism. 2,368,615; Feb. 6.

Reese, Garland W., Chappaqua, assignor to American Can Company, New York, N. Y. Container spout. 2,375,248; May 8.

Reese, John S., IV: *See*—
Coolidge, C., and Reese.

Reese, Samuel, assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Door header. 2,372,394; Mar. 27.

Reese, Thomas S., University Heights, assignor to The Di-Noc Manufacturing Company, Cleveland, Ohio. Decoration of surfaces with luminescent materials. 2,375,177; May 1.

Reevely, Frederick R., St. Lambert, Quebec, Canada. Carrier and applicator for the treatment of trees. 2,389,870; Nov. 27.

Reeves, Arthur E., Los Angeles, Calif. Sound recording apparatus. 2,369,916; Feb. 20.

Reeves, Arthur E., Los Angeles, Calif. Tripod head. 2,375,090; May 8.

Reeves, Donald H., assignor to General Motors Corporation, Dayton, Ohio. Domestic appliance. 2,374,457; Apr. 24.

Reeves, Edward D., Cranford, N. J., assignor to Standard Oil Development Company. Conversion of normal butane to butadiene. 2,388,078; Oct. 30.

Reeves, Frederick R., assignor to Revo Electric Co. Limited, Tividale, Tipton, England. Fluorescent tubular discharge lamp fitting. 2,368,879; Feb. 6.

Reeves, Hazard E.: *See*—
Franck, E. W., and Reeves.

Reeves, Herbert M., Kankakee, Ill., assignor to Florence Stove Company, Gardner, Mass. Oil heater. 2,377,901; June 12.

Reeves, Howard F., Jr.: *See*—
Comstock, R. L., and Reeves, Jr.

Reeves, John S., Baltimore, Md. Lifesaving device, swimming machine, and the like. 2,368,569; Jan. 30.

Reeves, Paul B.: *See*—
Perry, W. R., and Reeves.

Reeves, Paul B., assignor to Reeves Pulley Company, Columbus, Ind. Belt block. 2,387,183; Oct. 16.

Reeves, Paul B., assignor to Reeves Pulley Company, Columbus, Ohio. Variable-speed unit. 2,387,609; Oct. 23.

Reeves Pulley Company: *See*—
Perry, W. R., and Reeves, assignors.
Reeves, Paul B., assignor.

Reeves, Waverly A., Lynn, Mass., assignor to General Electric Company. Gas turbine cooling arrangement. 2,370,192; Feb. 27.

Refining, Unincorporated: *See*—
Clayton, Benjamin, assignor.

Regan, Edmund J., Bloomfield, N. J., assignor to Federal Telephone & Radio Corporation, New York, N. Y. Rotary drive device. 2,375,036; May 1.

Regan, John J.: *See*—
Larkin, L. J. and G. A., and Regan.

Regenhardt, Walter F., Wooster, Ohio. Filing cabinet. 2,372,292; Mar. 27.

Regenhardt, Walter F., Wooster, Ohio. Interlock. 2,386,343; Oct. 9.

Regenhardt, Walter F., Wooster, Ohio. Interlocking clip. 2,388,572; Nov. 6.

Regenhardt, Walter F., Cleveland, Ohio. Interlock. 2,375,438; May 8.

Regents of the University of California, The: *See*—
Babcock, Sidney H., Jr., assignor.
Blicke, Frederick F., assignor.

Regents of the University of Minnesota: *See*—
Smith, E. L., and Miller, assignors.

Reggio, Ferdinando C., Buffalo, N. Y. Fuel metering device. 2,378,036; June 12.

Reggio, Ferdinando C., Buffalo, N. Y. Engine regulating means. 2,378,037; June 12.

Reggio, Ferdinando C., Harwick Port, Mass. Governing means. 2,384,340; Sept. 4.

Rehberg, Chessie E., Philadelphia, and C. H. Fisher, Abington, Pa., assignors to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Allyl and methallyl esters of lactic and alpha-acetoxypropionic acids. 2,367,798; Jan. 23.

Rehberg, Chessie E., Wyndmoor, and C. H. Fisher, Abington, Pa., assignors to United States of America as represented by Claude R. Wickard, Secretary of Agriculture, and his successors in office. Beta-chloroallyl acrylates. 2,388,440; Nov. 6.

Rehberg, Chessie E., Philadelphia, and C. H. Fisher, Abington, Pa., assignors to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Allyl and substituted allyl methacrylates. 2,390,326; Dec. 4.

Rehberg, Chessie E., Philadelphia, and C. H. Fisher, Abington, Pa., assignors to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Allyl and substituted allyl acrylates. 2,390,327; Dec. 4.

Rehfeld, George W., Manhattan, Kans. Jetty. 2,378,865; June 19.

Rehfeld, George W., Manhattan, Kans. Jetty structure. 2,387,355; Oct. 23.

Rehner, John, Jr., Wadsworth, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Tire tread. 2,373,599; Apr. 10.

Reiber, Harry P., Toledo, Ohio, assignor to The Aviation Corporation, New York, N. Y. Apparatus for balancing propeller blades. 2,388,705; Nov. 13.

Reibig, Eric A.: *See*—
Wiken, C. A., and Reibig.

Reibling, August G.: *See*—
Armbrust, F., and Reibling.

Reibold, John L.: *See*—
Brede, W. S., Curtis, and Reibold.

Reibold, Walter F., and R. P. Magnenat, assignors, by mesne assignments, to Waterbury Companies, Incorporated, Waterbury, Conn. Apparatus for making all-plastic molded buttons. 2,367,962; Jan. 23.

Reich, Ernest, Quakertown, Pa. Preparing food. 2,378,950; June 26.

Reich, Gustave T., Philadelphia, Pa. Yeast. 2,372,854; Apr. 3.

Reichart, James H., Muncie, Ind. Endless self-clamping band structure. 2,378,866; June 19.

Reichart, James H., Muncie, Ind. Separable handle and band clamp. 2,378,867; June 19.

Reichart, James H., Muncie, Ind. Glass coffee maker adjustable handle. 2,389,740; Nov. 27.

Reichart, James H., Muncie, Ind. Glass vessel band and handle structure. 2,389,741; Nov. 27.

Reichel, Carl H.: *See*—
Fourness, C. A., and Reichel.

Reichel, Frank H., and R. T. K. Cornwell, assignors to Sylvania Industrial Corporation, Fredericksburg, Va. Cellulose ethers and producing the same. 2,388,764; Nov. 13.

Reichel, Howard G., assignor to Industrial Patents Corporation, Chicago, Ill. Scale mechanism. 2,389,113; Nov. 13.

Reichel-Korfmann Co.: *See*—
Fry, William L., assignor.

Reichel, Maximilian K., Albany, assignor to General Aniline & Film Corporation, New York, N. Y. Stabilized diazo-type sensitive material. 2,374,563; Apr. 24.

Reichel, Maximilian K., Easton, Pa., assignor to General Aniline & Film Corporation, New York, N. Y. Intensification of the image of diazotype light sensitive layers on a transparent base. 2,381,984; Aug. 14.

Reichelt, Lester O., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Control system. 2,375,946; May 15.

Reichert, Conrad, assignor to O. S. Petty, San Antonio, Tex. Seismic surveying. 2,384,851; Sept. 18.

Reichert, Harold E., Terminal Island, Calif., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Control system. 2,375,039; May 1.

Reichert, Joseph S., S. A. McNeight, and A. A. Elston, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of peracids. 2,377,038; May 29.

Reichert, William, P. S. Pedersen, and P. E. Price, Chicago, Ill. Hollow building wall. 2,366,752; Jan. 9.

Reichhold Chemicals, Inc.: *See*—
Hodgins, T. S., and Hewett, assignors.

Reichstein, Tadeus, Basel, Switzerland. Compounds of the cyclopentanopolyhydrophenanthrene series and manufacture of same. 2,387,706; Oct. 23.

Reichstein, Tadeus, Basel, Switzerland. Manufacture of α-hydroxycarbonyl compounds. 2,389,325; Nov. 20.

Reichstein, Tadeus, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Derivative of α,γ-dihydroxy-β,β-dimethyl-butyric acid and the manufacture of same. 2,377,105; May 29.

Reid Brothers Company, Inc.: *See*—
Perkins, W. W., and Annis, assignors.
Woodbury, Stephen E., assignor.

Reid, Ebenezer E.: *See*—
Francis, A. W., and Reid.

Reid, Ebenezer E., Baltimore, Md., assignor to Wallace & Tiernan Products, Inc., Belleville, N. J. Monoalkyl ethers of diethylstilboestrol. 2,385,468; Sept. 25.

Reid, Edward S., Charlotte, N. C., assignor to Sonoco Products Company. Fibrous conduit and manufacture. 2,370,193; Feb. 27.

Reid, Edward S., Charlotte, N. C. Combination stool. 2,375,819; May 15.

Reid, Frederick M., assignor to Fruehauf Trailer Company, Detroit, Mich. Vehicle body construction. 2,384,965; Sept. 18.

Reid, James A.: *See*—
Bailey, G. C., and Reid.

Reid, James A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Hydrogenation of olefins. 2,376,086; May 15.

Reid, James A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Production of synthetic lubricating oil. 2,377,266; May 29.

Reid, James A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Sulphurized hydrocarbon and preparation. 2,380,072; July 10.

Reid, James A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Conversion of hydrocarbons. 2,389,240; Nov. 20.

Reid, James B., New York, N. Y., assignor to The Dow Chemical Company, Midland, Mich. Protecting magnesium and its alloys from fire. 2,391,844; Dec. 25.

Reid, Janis R.: *See*—
Rakowsky, V., and Reid.

Reid, John G., Jr., and L. McNeely, Evansville, Ind., assignors to Servel, Inc., New York, N. Y. Safety device for valves. 2,374,564; Apr. 24.

Reid, Leland E., South Pasadena, Calif. Propeller. 2,385,028; Sept. 18.

Reid, Rose M., Boise, Idaho. Brassière. 2,372,855; Apr. 3.

Reid & Sigrist Limited: *See*—
Crew, David, assignor.

Reid, Wilfred T., Mount Royal, Quebec, assignor to The Honorary Advisory Council for Scientific and Industrial Research, Ottawa, Ontario, Canada. Wing structure for airplanes. 2,391,514; Dec. 25.

Reidenbach, Ledger L., Houston, assignor to Rosa Suhm, Harris County, Tex. Clamping device. 2,383,683; Aug. 28.

Reierson, John E., U. S. Army. Lead compensated sight. 2,386,262; Oct. 9.

Reifenberg, Joseph H., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Liquid heating apparatus. 2,375,871; May 15.

Reiff, Orland M.: *See*—
Otto, F. P., and Reiff.
Giammaria, J. J., and Reiff, assignors.

Reiff, Orland M., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Mineral oil composition. 2,366,873; Jan. 9.

Reiff, Orland M., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Composition of matter. 2,366,874; Jan. 9.

Reiff, Orland M., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Condensation product of nuclear alkyl-substituted hydroxyaromatic compound. 2,368,598; Jan. 30.

Reiff, Orland M., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Condensation product of acylated hydroxyaromatic acid. 2,368,599; Jan. 30.

Reiff, Orland M., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Composition of matter. 2,376,313; May 15.

Reiff, Orland M., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Metal salts of acylated hydroxyaromatic carboxylic acid condensation products. 2,377,267; May 29.

Reiff, Orland M., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Sulphides of alkylated aryl, oxy-organic carboxylic acids. 2,381,854; Aug. 7.

Reiff, Orland M., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Composition of matter. 2,385,301; Sept. 18.

Reiff, Orland M., and H. D. Hartough, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Mineral oil composition and improving agents therefor. 2,367,377; Jan. 16.

Reiff, Orland M., and H. D. Hartough, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Alkyl-substituted amino-aryl metal oxides. 2,368,880; Feb. 6.

Reiff, Orland M., and J. D. Zech, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Plastic compositions and making the same. 2,380,466; July 31.

Reiff, Orland M., and H. J. Andress, Jr., Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Making a dithiophosphoric acid of an alkyl-substituted phenol and a mineral oil containing this compound. 2,386,207; Oct. 9.

Reiff, Vincent N., assignor to Stackpole Carbon Company, St. Marys, Pa. Circuit controlling device. 2,381,688; Aug. 7.

Reil, Walther: *See*—
Carman, E. F., and Reil.

Reilly, Alfred F., assignor to Evans Case Company, North Attleboro, Mass. Compact. 2,377,717; June 5.

Reilly, Frank E., Chicago, and C. Holsinger, River Forest, Ill., assignors to Electrographic Corporation, New York, N. Y. Making curved printing members. 2,383,080; Aug. 21.

Reilly, Frank W., Auburndale, Mass. Electric switchgear. 2,374,702; May 1.

Reilly, Frank W., Auburndale, Mass. Electric switchgear. 2,374,703; May 1.

Reilly, John B., Los Nietos, Calif. Piston construction. 2,377,039; May 29.

Reilly, Michael P., Shorewood, Wis. Method and apparatus for cleaning the mouth contact area of drinking glasses. 2,368,041; Jan. 23.

Reilly Tar & Chemical Corporation: *See*—
Cislak, Francis E., assignor.
Cislak, F. E., and Cunningham, assignors.

Reilly, William P., Menomonie Falls, and C. W. Tingley, Milwaukee, Wis. Fastener for belts. 2,386,977; Oct. 16.

Reimel, Samuel R., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Belt. 2,377,650; June 5.

Reimers, Frederick E., Rahway, N. J., assignor to Allied Chemical & Dye Corporation, New York, N. Y. Separation of isoquinoline. 2,391,270; Dec. 18.

Reimschissel, Charles A., assignor to Landis Machine Company, Waynesboro, Pa. Apparatus for forming screw threads. 2,378,951; June 26.

Reimschissel, Charles A., and H. Davies, assignors to Landis Machine Company, Waynesboro, Pa. Thread-cutting mechanism. 2,387,294; Oct. 23.

Reineck, Edward A., Appleton, Wis., assignor, by mesne assignments, to Kewaunee Manufacturing Company, Adrain, Mich., Stable furfuraldehyde-furfuralcohol compositions. 2,367,312; Jan. 16.

Reinecker, Walter: *See*—
Rembert, E. W., Winter, and Reinecker.

Reineke, Ezra P.: *See*—
Turner, C. W., and Reineke.

Reiner, John, & Company: *See*—
Nicholas, John, assignor.

Reiner, Robert, Incorporated: *See*—
Hartung, Hans, assignor.
Lambach, F., and Siegel, assignors.

Reiners, Walter: *See*—
Reiners, Wilhelm and W., Kahlisch, and Fürst.

Reiners, Wilhelm and W., Gladbach-Rheydt, G. Kahlisch, Rheydt, and S. Fürst, Gladbach-Rheydt, Germany; vested in the Alien Property Custodian. Winding frame. 2,369,606; Feb. 13.

Reingruber, Frank and J., New York, N. Y. Thermostat. 2,389,686; Nov. 27.

Reingruber, Joseph: *See*—
Reingruber, Frank and J.

Reinhard, Gustav A., Shaker Heights, assignor to Kohl-Stillwell Engineers, Cleveland, Ohio. Direct-current motor. 2,388,498; Nov. 6.

Reinhold, Herman M.: *See*—
Sorensen, C. E., and Reinhold.

Reinhold, Leonhard F.: *See*—
Spencer, J. A., and Reinhold.

Reinhold, Leonhard F., Great Kills, Staten Island, N. Y., assignor to Radio Corporation of America. Mounting for swiveled rings. 2,375,829; May 15.

Reinke, Bernard G., Flint, Mich. Sweep sickle. 2,378,657; June 19.

Reiser, Oliver O., Oak Park, Ill., assignor to The Richardson Company, Lockland, Ohio. Electrolyte control device with captive valve. 2,385,029; Sept. 18.

Reisert, August D.: *See*—
Rotter, L. C., Klein, Reisert, and Schneller.

Reising, Eugene G., Hartford, Conn. Firearm. 2,374,621; Apr. 24.

Reising, Eugene G., Hartford, Conn. Gun sight. 2,389,326; Nov. 20.

Reisinger, Alouis J.: *See*—
Murphy, J. J., and Reisinger.

Reisinger, Frederick F.: *See*—
Chester, A. E., and Reisinger.

Reiss, Ernest H., Floral Park, N. Y. Protective means for aircraft. 2,382,817; Aug. 14.

Reiss Manufacturing Corp.: *See*—
Randall, Robert J., assignor.

Reiss, Max: *See*—
Kingslake, R., and Reiss.

Reiss, Max, assignor to Eastman Kodak Company, Rochester, N. Y. Photographic objective. 2,388,869; Nov. 13.

Reistad, Bengt, Stockholm, Sweden. Refrigeration. 2,368,493; Jan. 30.

Reistle, Carl E., Jr., Houston, Tex., assignor to Standard Oil Development Company. Producing oil. 2,368,424; Jan. 30.

Reiter, Adolph, New York, N. Y. Hair curler. 2,380,674; July 31.

Reiter, David, Woodside, N. Y. Dental mallet. 2,376,187; May 15.

Reiter, Harry E., Sandusky, Ohio. Internal-combustion engine. 2,387,467; Oct. 23.

Reitz, Otto: *See*—
Polasik, Floyd J., assignor.

Rejafix Limited: *See*—
Edels, Siegfried, assignor.

Rekosh, Nate, Miami Springs, Fla., assignor to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Electric welding machine. 2,375,439; May 8.

Reliance Electric & Engineering Company, The: *See*—
Fuller, John L., assignor.
Smith, R. H., Miller, and Dunning.

Reliance Steel Products Company: *See*—
Guthrie, James M., assignor.
Nagin, Harry S., assignor.

Nelson, Morris, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Direction finder. 2,377,902; June 12.

Remark, Isidore J., and V. V. Wheeler, assignors to The General Tire & Rubber Company, Akron, Ohio. Method and apparatus for applying an adhesive coating to cord fabric. 2,389,459; Nov. 20.

Rembert, Ernest W., Plainfield, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Pipe coupling. 2,379,990; July 10.

Rembert, Ernest W., Hinsdale, Ill., E. A. Winter, Copperhill, Tenn., and W. Reinecker, North Plainfield, N. J., assignors to Johns-Manville Corporation, New York, N. Y. Apparatus and method for molding fibrocement sheets. 2,383,736; Aug. 28.

Remensnyder, John P., Metuchen, N. J., assignor, by mesne assignments, to Heyden Chemical Corporation. Protecting seeds and plants from pests. 2,381,411; Aug. 7.

Remington Arms Company, Inc.: *See*—
Baker, B., and Harnes, assignors.
Birdsall, Edwin H., assignor.
Burdett, P. H., and Maughan, assignors.
Christie, Lewis D., assignor.
Cook, Judson A., assignor.
Coxe, Charles D., assignor.
Darby, Paul F., assignor.
Dorothea, Gale, assignor.
Eckstein, George R., assignor.
Feinauer, L. R., and Payne, assignors.
Finlay, Walter L., assignor.
Gardner, E. W., and Nickum, assignors.
Holcomb, C. S., and Overson, assignors.
Hubbard, Howard W., assignor.
Hyde, George E., Jr., assignor.
Jennings, Paul G., assignor.
Kuehl, Douglas S., assignor.
Langkammerer, Carl M., assignor.
Loomis, Crawford C., assignor.
Lowe, Kenneth J., assignor.
Mayberry, Murl D., assignor.
Moffitt, Edward J., assignor.
Moe, Carl J. L., assignor.
Niemack, Paul J., assignor.
Petersen, Leland B., assignor.
Reynolds, Warren S., assignor.
Richey, Earl E., assignor.
Rutherford, P. B., and Luster, assignors.
Sappenfield, Marion L., assignor.
Scott, W. W., and Lewis, assignors.
Sink, Russell S., assignor.
Slater, Raymond E., assignor.
Speed, Fletcher C., assignor.
Turner, John R., assignor.
Walker, Merle H., assignor.
Wineland, Harry W., assignor.
Yost, Kenneth J., assignor.

Remington, Frederic, Elizabeth, and R. A. Tartaglia, East Orange, assignors to Peerless Tube Company, Bloomfield, N. J. Making lead articles. 2,372,011; Mar. 20.

Remington Rand Inc.: *See*—
Berglund, Gustav A., assignor.
Braun, K. J., and Kase, assignors.
Ferry, John T., assignor.
Mannino, Philip, assignor.
Mueller, John, assignor.
Pickett, Frank M., assignor.
Smith, G. P., and Gressel, assignors.
Schutt, Friedrich J., assignor.
Teichner, Robert W., assignor.
Tolmie, Edgar S., assignor.
Turner, Albert F., assignor.
Vickery, Alfred E., assignor.
Wolters, C. F., and Andersen, assignors.

Remis Bro. Bag Company: *See*—
Pinckert, Carl W., assignor.

Rempel, Dietrich G., Akron, assignor to Sun Rubber Company, Barberton, Ohio. Mold construction for platen presses. 2,367,525; Jan. 16.

Rempt, Henry F., Van Nuys, assignor to Lockheed Aircraft Corporation, Burbank, Calif. Indicating signal. 2,379,542; July 3.

Renard, Roland E., San Francisco, Calif., assignor to American Can Company, New York, N. Y. Can closing machine. 2,371,186; Mar. 13.

Renault, Jean C., assignor to Farmers Mercantile Company, Salinas, Calif. Planting machine. 2,372,739; Apr. 3.

Rendle, Theodore, assignor to Chivers & Sons Limited, Histon, England. Preparation of cooked starchy vegetables in powder form. 2,381,838; Aug. 7.

Renick, Frank E.: *See*—
Bigarani, E. A., and Renick.

Renfrew, Malcolm M.: *See*—
Macht, M. L., and Renfrew.

Renfroe, Joseph C., Jacksonville, Fla. Eccentric type steel plate lifting clamp. 2,379,652; July 3.

Renim, Inc.: *See*—
Miner, Frederick M., Jr., assignor.

Renkin, Robert F., Sharon, assignor of one-half to H. A. Roemer, Pittsburgh, Pa. Seal for gas pickling furnace muffles. 2,367,174; Jan. 9.

Renner, Henry M., Fort Benning, Ga. Tire construction. 2,368,325; Jan. 30.

Rennie, Robert F., Little Falls, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Reduction of ammonium molybdate. 2,385,843; Oct. 2.

Renno, Donald G., New Haven, Ind., assignor to International Harvester Company. Vehicle body construction. 2,383,417; Aug. 21.

Renouf, Ralph R., South Gate, assignor to Emsco Derrick & Equipment Company, Los Angeles, Calif. Standing valve puller. 2,382,173; Aug. 14.
Rensch, Emmanuel S., Ramona, S. Dak. Grain loader. 2,379,658; June 19.
Rentie, Bob C., Alamosa, Colo. Drummer's stool. 2,367,062; Jan. 9.
Renton, Henry N., Wyncote, assignor to The American Pulley Company, Philadelphia, Pa. Black-out screening. 2,373,416; Apr. 10.
Renz, Emil C., Dedham, assignor to Knight Leather Products Co., Inc., Boston, Mass. Wallet. 2,366,875; Jan. 9.
Renzoni, Louis S., Port Colborne, Canada, assignor to The International Nickel Company, Inc., New York, N. Y. Purification of cobalt precipitates containing iron and other impurities. 2,367,239; Jan. 16.
Reo Motors, Inc: *See*—
Revan, Glen P., assignor.
Repass, George E.: *See*—
Walsh, S. R., and Repass.
Repass, George E., Pawtucket, R. I., assignor to H & B American Machine Company. Roving frame. 2,374,832; May 1.
Replogle, Carl S., et al., executors: *See*—
Replogle, Daniel B.
Replogle, Daniel B., deceased, Berkeley, Calif.; Bank of America National Trust and Savings Association, C. S. Replogle, H. E. Queen, and L. H. Bullock, executors, assignors to The Ohio Citizens Trust Company, Toledo, Ohio, as trustee. Sweeping indicator for dust suction pipes. 2,373,915; Apr. 17.
Replogle, Daniel B., deceased, Berkeley, by Bank of America National Trust & Savings Association, San Francisco, C. S. Replogle, Piedmont, H. E. Queen, and L. H. Bullock, Berkeley, Calif., executors, assignors to The Ohio Citizens Trust Company, Toledo, Ohio, as trustee. Dust flow indicator for suction cleaning devices. 2,373,916; Apr. 17.
Replogle Globes, Inc.: *See*—
Colberg, Olaf A., assignor.
Repper, Theodore A., Middletown, Ohio. Apparatus for setting hollow rivets. 2,369,492; Feb. 13.
Reprogle, Frank, St. Louis, Mo. Surgical saw. 2,367,432; Jan. 16.
Republic Aviation Corporation: *See*—
Burrell, George, assignor.
Franklin, Hubert F., assignor.
Harris, Lewis B., assignor.
Hartley, Croydon H. A., assignor.
Jager, Howard M., assignor.
Johnson, Seth, assignor.
Johnson, S., and Schenk, assignors.
Kreuter, B., and Duryea, assignors.
Miller, Charles H., assignor.
Miller, C. H., and Hartley, assignors.
Parilla, Arthur R., assignor.
Rudnick, Benjamin, assignor.
Shaw, Edward W., assignor.
Unterman, Manuel S., assignor.
Westberg, Arthur H., assignor.
Republic Flow Meters Company: *See*—
McMahon, Jerome B., assignor.
Rosenberger, Albert J., assignor.
Republic Steel Corporation: *See*—
Neals, Frank T., assignor.
Thomas, Parke E., assignor.
Resch, William J.: *See*—
Herwedel, C. R., and Resch.
Research Corporation: *See*—
Bush, Vannevar, assignor.
Carson, Howard, assignor.
Cohn, Edwin J., assignor.
Cohn, E. J., and Ferry, assignors.
Daskais, Morris H., assignor.
Daskais, M. H., and Fields, assignors.
Ferry, John D., assignor.
Hauser, Ernst A., assignor.
Hedberg, C. W. J., and Hesson, assignors.
Kharasch, M. A., and Reynolds, assignors.
Milas, Nicholas A., assignor.
Miles, Walter R., assignor.
Pacsu, E., and Mullen, assignors.
Shoemaker, Milton J., assignor.
Spielman, Joseph W., assignor.
Stowell, Harold T., assignor.
Telkes, Maria, assignor.
Vonnegut, Bernard, assignor.
White, Harry J., assignor.
Research Corporation, et al.: *See*—
Hedberg, C. W. J., and Richardson, assignors.
Milas, Nicholas A., assignor.
White, Harry J., assignor.
Research and Development Corporation: *See*—
Laicos, Enrique L., assignor.
Resek, Jules V.: *See*—
Cleaver, J. C., and Resek.
Resina, Manuel S., Brooklyn, N. Y. Feeder to container capping machines or the like. 2,371,650; Mar. 20.
Resinous Products & Chemical Company, The: *See*—
Bruson, Herman A., assignor.
Bruson, H. A., and Riener, assignors.
Myers, Frederick J., assignor.
Myers, R. J., and Herr, assignors.
Niederhauser, W., and Bruson, assignors.
Spence, Le R. U., and McKeever, assignors.
Resistoflex Corporation: *See*—
MacWilliam, W., and Pape, assignors.
Pape, K., and Troshkin, assignors.
Respro Inc., et al.: *See*—
Hanley, Albert J., assignor.
Ress, Thomas I., assignor to De Vry Corporation, Chicago, Ill., Sound lens adjuster. 2,367,139; Jan. 9.
Ress, Thomas I., assignor to De Vry Corporation, Chicago, Ill., Film drive mechanism. 2,367,140; Jan. 9.
Ress, Thomas I., assignor to De Vry Corporation, Chicago, Ill. Motion picture film drive mechanism. 2,374,038; Apr. 17.
Ress, Thomas I., assignor to De Vry Corporation, Chicago, Ill. Foot adjustment for cabinets. 2,375,872; May 15.
Ress, Thomas I., assignor to De Vry Corporation, Chicago, Ill. Lens holder. 2,377,718; June 5.
Ress, Thomas I., assignor to De Vry Corporation, Chicago, Ill. Lens assembly. 2,380,613; July 31.
Ress, Thomas I., assignor to De Vry Corporation, Chicago, Ill. Variable-speed governor for motion-picture cameras. 2,389,932; Nov. 27.
Ressinger, Paul M., Chicago, Ill. Vehicle for children. 2,388,441; Nov. 6.
Ressler, Hugh C., West Brighton, assignor to Faximile, Inc., New York, N. Y. Electrolytic recording electrode. 2,380,467; July 31.
Reswick, Maurice, New Brighton, Staten Island, N. Y., assignor to Standard Oil Development Company. Lubricant. 2,388,083; Oct. 30.
Reswick, Maurice, Wilkinsburg, Pa., assignor to Standard Oil Development Company. Lubricant and preparing and using same. 2,377,908; May 29.
Rethwisch, Francis B.: *See*—
Babcock, G. M., Rethwisch, and Furnas.
Rethwisch, Francis B., and G. M. Babcock, Louisville, Ky., assignors to Reynolds Metals Co., Richmond, Va. Pigment. 2,378,432; June 19.
Retter, Rudolf, South Euclid, Ohio. Elastic bed bottom. 2,371,777; Mar. 20.
Reuther, Harry W.: *See*—
Vester, Ernest A., assignor.
Reutter, Frederick R., assignor, by mesne assignments, to Allied Control Company, Inc., New York, N. Y. Self-locking nut. 2,391,643; Dec. 25.
Revair Corporation: *See*—
Ensiin, H. E., and Wallace, assignors.
Revere Camera Company: *See*—
Briskin, T. S., and Golick, assignors.
Revere Copper and Brass Incorporated: *See*—
Bunn, Edward S., assignor.
Wilkins, Richard A., assignor.
Revo Electric Co. Limited: *See*—
Reeves, Frederick H., assignor.
Rex-O-graph, Inc.: *See*—
Rockhill, Roscoe R., assignor.
Rex Products Corporation: *See*—
Winters, Frank, assignor.
Rey, Eudice, Brooklyn, assignor to Zylo Ware Corporation, Long Island City, N. Y. Spectacle frame. 2,389,742; Nov. 27.
Reybold, Douglas C., Northbrook, Ill., and A. J. Fischer, Manhasset, assignor to The Derr Company, New York, N. Y. Apparatus for treating impure liquids. Re. 22,652; June 26.
Reyburn, Vernon E., Detroit, Mich. Pie holder. 2,388,442; Nov. 6.
Reynlers, James A., South Bend, Ind. Film feeding device. 2,369,980; Feb. 20.
Reynlers, James A., Niles, Mich. Microphote apparatus. 2,369,981; Feb. 20.
Reynolds, Albert G., Oakland, Calif. Fruit and vegetable juice extractor. 2,369,406; Feb. 13.
Reynolds, Benjamin F., Stockton, Calif. Fountain pen. 2,368,425; Jan. 30.
Reynolds, Burl A., Lodi, Calif. Mixing valve. 2,383,215; Aug. 21.
Reynolds, Byron E., Jackson, Mich. Automatic composing typewriter. 2,375,135; May 1.
Reynolds, Edwin A., Los Angeles, Calif., assignor to Consolidated Vultee Aircraft Corporation. Retractable step. 2,383,960; Aug. 28.
Reynolds Electric Co.: *See*—
Olson, Waldemar N., assignor.
Reynolds, Harold C., Athens, Pa., assignor to Ingersoll-Rand Company, New York, N. Y. Wrench. 2,384,399; Sept. 4.
Reynolds, Harold C., Jr.: *See*—
Thomas, R. M., Field, and Reynolds.
Reynolds, Henry J., Sumner, Wash. Insecticide. 2,369,855; Feb. 20.
Reynolds, James H., Indianapolis, Ind., assignor to Radio Corporation of America. Producing lens coating material. 2,372,639; Mar. 27.
Reynolds, John M., Paragould, Ark. Dispensing apparatus. 2,374,896; May 1.

Reynolds, John P., Buffalo, N. Y. Safety device for sea planes. 2,379,186; June 26.
Reynolds, Julian L., Richmond, Va., assignor to Reynolds Metals Company. Insulated military tank and other vehicles. 2,389,579; Nov. 20.
Reynolds Metals Co.: *See*—
Ammann, Richard, assignor.
Babcock, G. M., Rethwisch, and Furnas, assignors.
Burnett, John W., assignor.
Rethwisch, F. B., and Babcock, assignors.
Reynolds, Julian L., assignor.
Weiller, Charles R., assignor.
Reynolds, Milton, and H. G. Barrett, assignors to Printasign Corporation of America, Chicago, Ill. Printing apparatus. 2,367,313; Jan. 16.
Reynolds, Noel S., St. Louis, Mo. Seal construction. 2,377,452; June 5.
Reynolds, Noel S., St. Louis, Mo. Seal. 2,385,941; Oct. 2.
Reynolds, Peter W.: *See*—
Bremner, J. G. M., Reynolds, and Taylor.
Reynolds & Reynolds Company, The: *See*—
La Hatte, J. A., and Smith, assignors.
Reynolds, Richard S., Richmond, Va. Composite aluminum-alloy sheets and making same. 2,383,511; Aug. 28.
Reynolds Spring Company: *See*—
Dufield, N. H., and Jackson, assignors.
Reynolds, Warren S., Stratford, Conn., assignor to Remington Arms Company, Inc. Powder charging device. 2,369,251; Feb. 13.
Reynolds, William B.: *See*—
Kharasch, M. S., and Reynolds.
Reynolds, William B., Chicago, Ill., S. S. Rossander, Wilmington, Del., and D. E. Kvalnes, Penns Grove, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Disazo dyestuffs. 2,367,053; Jan. 9.
Reynolds, William B., Elmhurst, and S. A. Scully, Yonkers, assignors to Interchemical Corporation, New York, N. Y. Manufacture of phthalocyanine pigments. 2,382,441; Aug. 14.
Reyrolle, A., & Company Limited: *See*—
Bayles, John W., assignor.
Reysa, Lester J.: *See*—
Brennan, Frank C. and J. S., and Reysa.
Rheem Manufacturing Company: *See*—
Bisbee, David P., assignor.
Hurlbut, J. H., Davidson, and Bowman, assignors.
Ortolano, Frank T., assignor.
Rhees, William B., Augusta, Kans. Oil treater. 2,386,061; Oct. 2.
Rhegas, Peter C., Detroit, Mich. Razor blade holder for sharpening. 2,391,741; Dec. 25.
Rhines, Chester E., Glen Rock, N. J., assignor to United States Rubber Company, New York, N. Y. Preserving latex and the product thereof. 2,371,544; Mar. 13.
Rhoades, Otto L., et al.: *See*—
Westberg, V. L., Nilson, and Westberg, V. C., assignors.
Rhoads, Charles J., Bryan, Tex. Hydraulic actuating cylinder control valve. 2,372,293; Mar. 27.
Rhoads, Charles S., Albany, N. Y., assignor to American Telephone and Telegraph Company. Signaling system. 2,367,054; Jan. 9.
Rhoads, Charles S., Albany, N. Y., assignor to American Telephone and Telegraph Company. Telephone system. 2,375,136; May 1.
Rhoads, Charles S., Albany, N. Y., assignor to American Telephone and Telegraph Company. Signaling system. 2,376,275; May 15.
Rhoads, Charles S., Albany, N. Y., assignor to American Telephone and Telegraph Company. Telephone system. 2,377,453; June 5.
Rhoads, Charles S., Albany, N. Y., assignor to American Telephone and Telegraph Company. Telephone system. 2,379,456; July 3.
Rhoads, Charles S., Albany, N. Y., assignor to American Telephone and Telegraph Company. Code calling signal. 2,389,082; Nov. 13.
Rhodes, Albert J., assignor to American Forging & Socket Company, Pontiac, Mich. Latch construction. 2,373,053; Apr. 3.
Rhodes, Cecil M., St. Paul, and H. W. Wendorf, assignors to Rapinwax Paper Company, Minneapolis, Minn. Heat sealable waxed wrapping sheet and manufacture. 2,371,314; Mar. 13.
Rhodes, Charles J., Wakefield, England. Press for cutting sheet metal. 2,371,315; Mar. 13.
Rhodes, Charles J., Wakefield, England. Machine for cutting or shearing sheets or plates of metal. 2,371,411; Mar. 13.
Rhodes, Grover C.: *See*—
Pearce, G. T., and Rhodes.
Rhodes, Herbert D., and R. W. Watson, assignors to Standard Oil Company, Chicago, Ill. Corrosion prevention. 2,382,818; Aug. 14.
Rhodes, James H., & Company: *See*—
Rimer, Lewis K., assignor.
Rhodes, John C., Jenkintown, assignor to The United Dairy Equipment Company, West Chester, Pa. Apparatus for homogenizing mixed liquid ingredients. 2,388,573; Nov. 6.
Rhodes, M. H., Incorporated: *See*—
Perry, T. M., and Hunter, assignors.
Rhodes, Marcus H., assignor.
Rhodes, Marcus H., assignor to M. H. Rhodes, Inc., Hartford, Conn. Timing device. 2,369,688; Feb. 20.
Rhodes, Marcus H., assignor to M. H. Rhodes, Inc., Hartford, Conn. Escapement. 2,383,418; Aug. 21.
Rhodes, Murray B., Kew Gardens, N. Y., assignor to The Glenn L. Martin Company, Middle River, Md. Control lever. 2,388,079; Oct. 30.
Rhodes, Philip H., Portland, Maine, assignor to Pennsylvania Coal Products Company, Petrolia, Pa. Abrasive article and manufacturing the same. 2,385,371; Sept. 25.
Rhodes, Philip H., Portland, Maine, assignor to Pennsylvania Coal Products Company, Petrolia, Pa. Production of resin. 2,385,372; Sept. 25.
Rhodes, Philip H., Portland, Maine, assignor to Pennsylvania Coal Products Company, Petrolia, Pa. Producing a resin and product derived therefrom. 2,385,373; Sept. 25.
Rhodes, Philip H., Portland, Maine, assignor to Pennsylvania Coal Products Company, Petrolia, Pa. Aqueous bonding composition. 2,385,374; Sept. 25.
Rhodes, Russell I., North Attleboro, assignor to The Mason Box Company, Attleboro Falls, Mass. Ornamental box. 2,372,294; Mar. 27.
Rho-Jan: *See*—
Michals, Edward S., assignor.
Rial, Arthur W., Batavia, N. Y. Cutting tool. 2,371,708; Mar. 20.
Ribbe, Ruth, Seattle, Wash. Oracle card game. 2,383,081; Aug. 21.
Riboud, Jacques M. J., Mount Washington, Md., assignor to Specialty Equipment and Machinery Corp., New York, N. Y. Ground gripping for gun mounts. 2,379,991; July 10.
Ricardo, Harry R., London, England. Two-cycle sleeve-valve engine. 2,367,963; Jan. 23.
Ricardo, Harry R., London, England. Multistage compressor. 2,373,779; Apr. 17.
Ricardo, Harry R., London, England. Multistage compressor. 2,373,780; Apr. 17.
Ricart, Wilfredo, Barcelona, Spain. Apparatus for the regulation of cooling in internal-combustion engines. 2,376,939; May 29.
Riccardi, Peter, Los Angeles, Calif. Umbilical clip. 2,384,697; Sept. 11.
Ricciardi, Matthew C.: *See*—
Di Cosmo, P. V., and Ricciardi.
Rice and Adams Corporation: *See*—
Alling, E. R., and (Knepflar, assignor).
Alling, E. R., and (Ulrich, assignor).
Rice Barton Corporation: *See*—
Clem, E. W., and Munton, assignors.
Clem, E. W., and Winter, assignors.
Smith, Herman A., assignor.
Rice, Carl V., and D. M. Kitterman, Kansas City, Kans. Bottle vending machine. 2,371,316; Mar. 13.
Rice, Edgar U.: *See*—
Bertalan, E., and Rice.
Rice, Edward E., et al: *See*—
Johnson, Melvin M., Jr., assignor.
Rice, Ernest G., assignor to Redson-Rice, Chicago, Ill. Cutting openings through a pile of sheets. 2,376,724; May 22.
Rice, Ernest G., assignor to Redson-Rice, Chicago, Ill. Counting device. 2,389,107; Nov. 13.
Rice, George D., Chicago, Ill. Polishing or buffing pad. 2,370,490; Feb. 27.
Rice, George D., Chicago, Ill. Abrading or buffing pad. 2,370,491; Feb. 27.
Rice, Harry T.: *See*—
Lieber, E., and Rice.
Rice, Joseph A.: *See*—
Little, R. A., and Rice.
Rice, Livingston L., Nashville, Tenn., assignor to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Gravity actuated switch. 2,383,889; Aug. 28.
Rice, Martin R., Jackson, Miss. Valve. 2,370,115; Feb. 27.
Rice, Rienzi, Worcester, Mass., assignor to Harrington & Richardson Arms Company. Bolt-action firearm. 2,374,378; Apr. 24.
Rice, Rienzi, Worcester, Mass., assignor to Harrington & Richardson Arms Company. Revolver. 2,385,422; Sept. 25
Rice, William J., Brooklyn, N. Y. Coating composition and making same. 2,373,709; Apr. 17.
Rich, Charles A., Providence, R. I., assignor to Brown and Sharpe Manufacturing Company. Toolholder. 2,377,519; June 5.
Rich, Charles A., Jr.: *See*—
Rich, Charles A., and C. A., Jr.
Rich, Charles A., and C. A., Jr., assignors to Morgan Construction Company, Worcester, Mass. Bearing. 2,367,613; Jan. 16.
Rich, David: *See*—
Caruso, C., and Rich.
Rich, Paul J., and J. W. Griesinger, Dayton, Ohio. Bombing target. 2,362,442; Aug. 14.
Rich, Theodore A., Schenectady, N. Y., assignor to General Electric Company. Regenerative fluxmeter. 2,367,614; Jan. 16.

Rich, Theodore A., Schenectady, N. Y., assignor to General Electric Company. Flux measurement. 2,391,271; Dec. 18.

Richard, Lance D., Wichita, Kans. Grapple to raise sunken ships, or the like. 2,374,134; Apr. 17.

Richards, Alvin B., J. A. Mickey, and J. T. O'Reilly, assignors to Ford Motor Company, Dearborn, Mich. Protective coating. 2,372,982; Apr. 3.

Richards, Alvin B., Dearborn, and H. S. Atherton, Detroit, assignors to Ford Motor Company, Dearborn, Mich. Insulation. 2,391,515; Dec. 25.

Richards, Alvin B., and J. T. O'Reilly, assignors to Ford Motor Company, Dearborn, Mich. Purification of low melting point alloys. 2,391,516; Dec. 25.

Richards, Atherton: *See*—
Knudsen, V. and K., assignors.

Richards, Cecil C.: *See*—
Braendel, F. W., and Richards.

Richards Chemical Works, The: *See*—
Kaplan, Saul, assignor.
Roth, Murray H., assignor.

Richards Chemical Works, Inc., The: *See*—
Geltner, Daniel, assignor.

Richards, Claude L., London, England, assignor to The Hartford National Bank and Trust Company, as trustee, Hartford, Conn. Tuning arrangement for wireless receivers. 2,381,227; Aug. 7.

Richards, Dorothy L., Azusa, and W. C. Miller, Alhambra, assignors to Vard Inc., Pasadena, Calif. Nonreflective lens coating. 2,391,595; Dec. 25.

Richards, Ernest W., St. Clair Shores, assignor to Parker Rust Proof Company, Detroit, Mich. Apparatus for and method of rustproofing. 2,381,183; Aug. 7.

Richards, Glenn G., Forest Hills, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Welding and brazing electrode. 2,379,187; June 26.

Richards, Harry P., Elmhurst, Ill. Detachable frameless screen. 2,379,747; July 3.

Richards, Idris J., Pittsburgh, assignor of one-fourth to J. R. Snyder, Wilkinsburg, Pa. Combination display and drain stand. 2,369,982; Feb. 20.

Richards, John R., and C. W. Evert, assignors to Downing Box Company, Milwaukee, Wis. Container. 2,382,819; Aug. 14.

Richards, John R., and C. W. Evert, assignors to Downing Box Company, Milwaukee, Wis. Cover construction for containers. 2,387,184; Oct. 16.

Richards, John W., Essexville, Mich. Waste pipe trap. 2,382,912; Aug. 14.

Richards, Joseph: *See*—
Robertson, T. C., Conard, and Richards.

Richards, Joseph W., New York, N. Y. Attaining realistic animation for photographic purposes. 2,384,341; Sept. 4.

Richards, Kenneth W.: *See*—
Gardner, L. A., and Richards.

Richards, Raymond B.: *See*—
Bacon, R. G. R., and Richards.

Richards-Wilcox Manufacturing Company: *See*—
Hassler, Paul M., assignor.

Richards, Willard R., Buffalo, N. Y. Smoking pipe. 2,366,215; Jan. 2.

Richards, William H., Dayton, Ohio. Automatic shutoff valve for gasoline burners. 2,376,383; May 22.

Richardson, Albert S., Wyoming, assignor to The Procter & Gamble Company, Cincinnati, Ohio. Detergent composition. 2,383,737; Aug. 28.

Richardson, Albert S., Wyoming, and J. E. Taylor, Cincinnati, assignors to The Procter and Gamble Company, Ivorydale, Ohio. Catalytic hydrogenation processes. 2,375,495; May 8.

Richardson, Albert S., and W. H. McAllister, Wyoming, assignors to The Procter & Gamble Company, Cincinnati, Ohio. Detergent composition. 2,383,738; Aug. 28.

Richardson, Andrew G., assignor to William P. Poythress & Company, Inc., Richmond, Va. Antispasmodic agents. 2,390,555; Dec. 11.

Richardson, Avery G.: *See*—
Busignies, H. G., and Richardson.

Richardson, Avery G., Boonton, assignor to Federal Telephone and Radio Corporation, Newark, N. J. Portable antenna. 2,388,287; Nov. 6.

Richardson Company, The: *See*—
Rieser, Oliver O., assignor.

Richardson, De Soto E., Wenatchee, Wash. Fruit and vegetable slicer. 2,378,502; June 19.

Richardson, De Soto E., Wenatchee, Wash. Apple slicer. 2,383,814; Aug. 28.

Richardson, George K., Wenham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Heel support. 2,378,038; June 12.

Richardson, Harry L.: *See*—
Hedberg, C. W. J., and Richardson.

Richardson, Henry M., Pittsfield, Mass., assignor to General Electric Company. Spinning bucket. 2,372,983; Apr. 3.

Richardson, Hubert O., Washburn, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical apparatus for the manufacture of explosives. 2,385,162; Sept. 18.

Richardson, Jonathan C. V., Columbus, Ohio. Nut grinding machine. 2,389,816; Nov. 27.

Richardson, Lycurgus W., deceased, by M. M. Richardson, Scotia, administratrix, and M. W. Scheldorf, Schenectady, N. Y., assignors to General Electric Company. End seal for transmission lines. 2,376,725; May 22.

Richardson, Marie M., administratrix: *See*—
Richardson, L. W., and Scheldorf.

Richardson, Philip B., Montclair, assignor to Richardson Scale Company, Clifton, N. J. Packing apparatus. 2,376,810; May 22.

Richardson, Presly C., Benson, Ariz. Hanger for slender articles. 2,370,876; Mar. 6.

Richardson, Samuel A., Burlington, Iowa, assignor to Wells Lamont Corporation, Chicago, Ill. Method and apparatus for producing imitation pigskin articles. 2,372,517; Mar. 27.

Richardson Scale Company: *See*—
Richardson, Philip B., assignor.

Richardson Taylor-Globe Corporation, The: *See*—
Marx, Frank A., assignor.

Richardson, Thomas B., assignor of one-fourth to M. Limberis and one-fourth to G. Epsimos, Big Rapids, Mich. Mechanical kitchen equipment. 2,373,781; Apr. 17.

Richardson, Walter C., Montreal, Quebec, Canada. Cinder draining and disposal plant. 2,380,264; July 10.

Richardsons, Westgarth & Company Limited et al.: *See*—
Signer, J. U., and Douglas, assignors.

Richer, Joseph R., Cleveland, Ohio. Cap screw. 2,375,249; May 8.

Richey, David M., Devon, assignor to United Aircraft Corporation, East Hartford, Conn. Lock fastener. 2,390,173; Dec. 4.

Richey, Earl E., Kansas City, Mo., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Feeding device. 2,373,600; Apr. 10.

Richey, James G., Alhambra, Calif. Rotary jar and safety joint. 2,387,682; Oct. 23.

Richfield Oil Corporation: *See*—
Dobson, W. M., Frye, and Griggs, assignors.
Lentz, Alfred F., assignor.

Richker, Charles: *See*—
Eastman, D. B., and Richker.

Richker, Charles, Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Conversion of hydrocarbons. 2,366,805; Jan. 9.

Richland, Sylvia C.: *See*—
Ambrosini, Elio J., assignor.

Richman, Frances B., San Francisco, Calif. Foldable visual album. 2,377,968; June 12.

Richmond, Belding E.: *See*—
Buckley, E. T., and Richmond.

Richmond, Purris E., Port Orchard, and D. J. Griswold, Bremerton, Wash. Sealed ball bearing regreasing device. 2,369,178; Feb. 13.

Richmond, William E., Kenilworth, Ill., and J. W. Schults, Bucyrus, assignors to Automatic Canteen Company of America, Chicago, Ill. Protective device for vending machines. 2,378,863; June 19.

Richolt, Robert: *See*—
Pearsall, E. S., Jr., and Richolt.

Richter, Curt P., Baltimore, Md., assignor, by mesne assignments, to the United States of America, as represented by the Secretary of War. Rodenticide. 2,390,848; Dec. 11.

Richter, Eugene D., et al.: *See*—
Young, William D., assignor.

Richter, George A., assignor to Eastman Kodak Company, Rochester, N. Y. Production of refined wood pulp. 2,380,706; July 31.

Richter, Herman W., Bridgewater, and H. R. Gillette, Newton Highlands, Mass., assignors to Federal Electric Company, Inc., Chicago, Ill. Production of resinous felted fibrous composition. 2,387,683; Oct. 23.

Richter, Johan C. F. C., Oslo, Norway, assignor to Aktiebolaget Kamyr, Karlstad, Sweden. Continuous alkali treatment of fibrous material. 2,383,684; Aug. 28.

Richter, Walther, Whitefish Bay, assignor to A. O. Smith Corporation, Milwaukee, Wis. Induction heating. 2,371,066; Mar. 6.

Richter, Walther, Whitefish Bay, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Apparatus for determining the duration of a transient effect. 2,377,969; June 12.

Richter, Walther, Whitefish Bay, assignor to A. O. Smith Corporation, Milwaukee, Wis. Temperature control for electric heating. 2,381,310; Aug. 7.

Rick, Herbert R., Kent, Ohio. Burial casket. 2,375,886; May 8.

Rickenbacher, Adolph, Los Angeles, Calif. Heating device. 2,371,410; Mar. 13.

Rickenmann, Alfred, Kusnacht, Zurich, Switzerland. Process and machine for grinding toothed gears. 2,385,650; Sept. 25.

Rickenmann, Alfred, Zürich, Switzerland. Machine for producing circular saws. 2,388,183; Oct. 30.

Rickenmann, Alfred, Zurich, Switzerland. Bearing. 2,389,887; Nov. 27.

Ricker, Ralph H., Newark, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Variable inductive device. 2,379,457; July 3.

Ricketts, James R., Yountville, Calif. Cigarette holder or pipestem. 2,385,651; Sept. 25.

Ricks, Fred, Leicester, England, assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine for grinding twist drills. 2,372,794; Apr. 3.

Ricks, Fred, and C. M. Bagshaw, Leicester, England, assignors to United Shoe Machinery Corporation, Flemington, N. J. Counter pasting machine. 2,370,917; Mar. 6.

Ric-wil Company, The: *See*—
Gottwald, Christian, assignor.

Ridbo Laboratories, Inc.: *See*—
Auer, László, assignor.
Auer, L., and Ray, assignors.
Ridgway, E. O., Tucker, and Kintner, assignors.

Ridd, Ambrose, Louisville, Ky. Vulcanizing apparatus. 2,383,685; Aug. 28.

Riddell, William A., assignor to Eastman Kodak Company, Rochester, N. Y. Aerial camera shutter. 2,367,526; Jan. 16.

Riddell, William A., assignor to Eastman Kodak Company, Rochester, N. Y. High-speed shutter. 2,384,639; Sept. 11.

Riddihough, Maurice, assignor to Deloro Smelting & Refining Company Limited, Birmingham, England. Plug gauge. 2,383,341; Aug. 21.

Riddle, Frank H., Detroit, Mich., assignor to Champion Spark Plug Company, Toledo, Ohio. Alumina and silicon carbide refractory. 2,388,080; Oct. 30.

Riddle, Raymond R., North Wilbraham, Mass., assignor to Rotofiller, Inc., Troy, N. Y. Rotary tilling housing protector. 2,366,571; Jan. 2.

Rider, Harry N., assignor to "Automatic" Sprinkler Company of America, Youngstown, Ohio. Valve. 2,384,342; Sept. 4.

Rider, Harry N., assignor to "Automatic" Sprinkler Company of America, Youngstown, Ohio. Valve for sprinkler systems. 2,387,817; Nov. 27.

Ridge, Elinore E., executrix: *See*—
Gutman, I., and Evans.

Ridgway, Charles M., Highland Park, assignor to The Pure Oil Company, Chicago, Ill. Motor fuel. 2,367,527; Jan. 16.

Ridgway, Eric O., Upper Montclair, and F. C. Tucker, and C. J. Kintner, Nutley, N. J., assignors to Ridbo Laboratories, Inc. Treating cellulosic textile material. 2,368,158; Jan. 30.

Ridings, Garvice H., Summit, and F. L. Currie, Plainfield, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Facsimile switching system. 2,374,704; May 1.

Ridings, Garvice H., Summit, and R. J. Wise, Dunellen, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Adjustable stylus for facsimile recorders. 2,375,820; May 15.

Ridings, Garvice H., Summit, and R. J. Wise, Dunellen, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Facsimile telegraph system and apparatus. 2,386,263; Oct. 9.

Ridley, Walter, Chelmsford, assignor to Riggs & Lombard, Inc., Lowell, Mass. Carbonizing cloth. 2,379,653; July 3.

Riebe, Theodore C., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Phonograph switch. 2,382,258; Aug. 14.

Rieber, Frank, Los Angeles, Calif., assignor to Continental Oil Company, Ponca City, Okla. System for geological exploration by elastic waves. 2,377,903; June 12.

Rieck, Roy J., assignor to G. H. Bishop, Co., Chicago, Ill. Shirt folding table. 2,369,607; Feb. 13.

Riede, Peter M.: *See*—
Hansen, O. A., and Riede.

Riedel, Kurt A.: *See*—
Armitage, J. B., Barker, Riedel, and Boehmer.

Riedel, William, Lansdowne, Md. Safety pocket. 2,385,163; Sept. 18.

Riedele, Andrew P., Los Angeles, Calif. Ventilated toilet. 2,389,165; Nov. 20.

Riedesel, Richard G.: *See*—
Miller, T. J., and Riedesel.

Riedl, Hans-Joachim: *See*—
Pfleiderer, G., and Riedl.

Riefenstahl, Lester A., Wabash, Ind., assignor to The General Tire & Rubber Company, Akron, Ohio. Making cork substitute. 2,381,774; Aug. 7.

Riegel Paper Corporation: *See*—
Herrick, Walter W., assignor.

Riegel, Rachel B., Yellow Springs, Ohio. Clamp for clothesline poles. 2,379,377; June 26.

Rieger, Alfons B.: *See*—
Freeman, F. C., and Rieger.

Rieger, James H., Dayton, Ohio. Model construction. 2,366,652; Jan. 2.

Rieke, Sidney C., Mission, Tex. Fruit and vegetable waxer. 2,372,225; Mar. 27.

Riemenschneider, Ralph H.: *See*—
Lambert, P., Riemenschneider, and Gibb.

Riemenschneider, Ralph H., Pleasantville, assignor to The Lummus Company, New York, N. Y. Fractionation column. 2,376,940; May 29.

Riemenschneider, Roy W.: *See*—
Wells, P. A., and Riemenschneider.

Riemenschneider, Roy W., Glenside, and J. Turer, Philadelphia, Pa., assignors to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Antioxidant compositions. 2,375,250; May 8.

Riemenschneider, Roy W., Glenside, and J. Turer, Philadelphia, Pa., assignors to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Ternary synergistic antioxidant composition. 2,383,815; Aug. 28.

Riemenschneider, Roy W., Glenside, and J. Turer, Philadelphia, Pa., assignors to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Alkali compounds containing antioxidant compositions. 2,383,816; Aug. 28.

Riener, Thomas W.: *See*—
Bruson, H. A., and Riener.

Ries, Edward J.: *See*—
Brune, L. H., and Ries.

Riese, Karl F., assignor, by mesne assignments, to M. L. Williams, Minneapolis, Minn. Incense vaporizer. 2,376,622; May 22.

Rieser Company, Inc., The: *See*—
Bergen, Edward, assignor.

Rieser, Oliver O., Oak Park, Ill., assignor to The Richardson Company, Lockland, Ohio. Device for treating storage battery cell covers. 2,391,478; Dec. 25.

Riesing, Ellwood F., Pontiac, Mich., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Bushing. 2,367,832; Jan. 23.

Riesing, Ellwood F., Pontiac, Mich., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Motor mounting. 2,367,833; Jan. 23.

Riesing, Mabel P., Pontiac, Mich., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Plastic shoe. 2,381,389; Aug. 7.

Riesmeyer, August H., and V. M. Stowe, Collinsville, Ill., assignors to Aluminum Company of America, Pittsburgh, Pa. Purification of gelatinous hydroxides. 2,390,272; Dec. 4.

Riesz, Kolman: *See*—
Chapman, J. F., and Riesz.

Riethof, George, Mount Lebanon, assignors to Pittsburgh Coke & Iron Company, Pittsburgh, Pa. Making thiocyanates. 2,372,119; Mar. 20.

Riethof, George, Mount Lebanon, assignor to Pittsburgh Coke & Iron Company, Pittsburgh, Pa. Production of lutidine-urea compounds. 2,376,008; May 15.

Riethof, George, Mount Lebanon, assignor to Pittsburgh Coke & Iron Company, Pittsburgh, Pa. Separation process. 2,383,016; Aug. 21.

Riethof, George, Mount Lebanon, assignor to Pittsburgh Coke & Iron Company, Pittsburgh, Pa. Recovering pure beta-picoline. 2,388,490; Nov. 6.

Rietz, Charles A.: *See*—
Jeuck, F. J., and Rietz.

Rietz, Charles A., Park Ridge, and F. J. Jeuck, Chicago, Ill., assignors to Interchemical Corporation, New York, N. Y. Printing inks and vehicles therefor. 2,390,123; Dec. 4.

Rietz, Charles A., Park Ridge, and F. J. Jeuck, Chicago, Ill., assignors to Interchemical Corporation, New York, N. Y. Heat drying printing inks and vehicles therefor. 2,390,390; Dec. 4.

Rieveschl, George, Jr., and F. E. Ray, Cincinnati, Ohio, assignors to The Wm. S. Merrell Company. Derivatives of fluorene carboxylic acids. 2,377,040; May 29.

Rifenbergh, Clare M., New York, N. Y., assignor to Federal Telephone and Radio Corporation, Newark, N. J. Electrical device. 2,391,038; Dec. 18.

Rifle, William V., Chicago, Ill. Heating apparatus. 2,385,652; Sept. 25.

Rigby, Irving F. T., Stamford, Conn. Type size and space gauge. 2,376,811; May 22.

Riggen, Theodore K., Elmira, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Dynamic fuse testing device. 2,378,327; June 12.

Riggenbach, John W., Barrington, R. I. Machine for applying multicolored flock. 2,388,999; Nov. 13.

Riggio, Frank, assignor to Anderson School Equipment Co., Los Angeles, Calif. Desk appliance. 2,370,372; Feb. 27.

Riggs, Alger S., Chicago, Ill., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Static earth inductor compass. 2,370,194; Feb. 27.

Riggs, Alger S., Chicago, Ill., and H. H. Thompson, Mountain Lakes, N. J., assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Dynamic earth inductor compass. 2,376,883; May 29.

Riggs, Harry E., Longmeadow, and P. H. Griswold, assignors to Strathmore Paper Company, West Springfield, Mass. Sample device. 2,376,087; May 15.

Riggs & Lombard, Inc.: *See*—
Ridley, Walter, assignor.

Riggs, Walter S., Haddon Heights, N. J., and R. Lehmann, assignors to The Pennsylvania Salt Manufacturing Company, Philadelphia, Pa. Hydrogen peroxide bleach. 2,371,545; Mar. 13.

Rigterink, Merle D., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Ceramic material. 2,386,633; Oct. 9.

Riise, John, Doylestown, Ohio. Butane fuel device. 2,368,680; Feb. 6.

Riise, John A., Jr., Bartlesville, Okla., assignor to Phillips Petroleum Company. Well logging. 2,370,814; Mar. 6.

Rike, Richard C., and E. L. Baugh, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich. Fuel system. 2,367,055; Jan. 9.

Riley, Ray: *See*—
Dean, J. G., Heiligman, and Riley.

Riley, Ray, Moorestown, and F. C. Nachod, Mount Holly, N. J., assignors to The Permutit Company, New York, N. Y. Ion exchange products and their preparation. 2,382,334; Aug. 14.

Riley Stoker Corporation: *See*—
Kuhner, Max H., assignor.
Robinson, Benjamin R., assignor.

Riley, William H., Pittsburgh, Pa. Hollow propeller. 2,383,342; Aug. 21.

Rimer, Lewis K., Evanston, assignor to James H. Rhodes & Company, Chicago, Ill. Plastic abrasive pad. 2,375,585; May 8.

Rinderknecht, Heinrich: *See*—
Bergel, F., Hindley, Morrison, and Rinderknecht.

Rineer, Arthur E., Dayton, Ohio. Extrusion molding apparatus. 2,371,709; Mar. 20.

Rinehart, Harry H.: *See*—
Leistensnider, G. P., and Rinehart.

Rinehart, Harry H., Plainfield, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Thermal insulation and manufacture. 2,389,460; Nov. 20.

Ring Balance Instrument Company: *See*—
Bean, Donald O., assignor.
Vetter, Otto B., assignor.
Zucrow, Maurice J., assignor.

Ring, Ernest A., West Barrington, assignor of one-half to F. M. Blakeney, Cranston, R. I. Utility goggle. 2,388,574; Nov. 6.

Ring, Ernest A., West Barrington, assignor of one-half to F. M. Blakeney, Cranston, R. I. Goggle. 2,391,349; Dec. 18.

Ring, Harold H.: *See*—
Hobson, S. H., and Ring.

Ringer, Ferdinand, New York, N. Y. Moldable materials and making same. 2,366,425; Jan. 2.

Ringer, Luther: *See*—
Geldhof, P. E., and Ringer.

Ringer, Luther, Berrien Springs, assignor to Nineteen Hundred Corporation, St. Joseph, Mich. Two speed drive and clutch assembly. 2,377,575; June 5.

Ringger, Henry H., Gridley, Ill., assignor to Gridley Farm Tool Company, Incorporated. Tractor operated sweep rake. 2,372,638; Mar. 27.

Ringle, Charles J., G. H. Hiatt, and R. W. Smith, assignors to Williams Gold Refining Company, Inc., Buffalo, N. Y. Dental surveying instrument. 2,376,384; May 22.

Ringler, Rudolph M., Wymore, Nebr. Drill bit support. 2,380,330; July 10.

Ringler, William A., Wayne, Pa., assignor to National Folding Box Company, New Haven, Conn. Hinged cover container. 2,369,391; Feb. 13.

Ringler, William A., Wayne, Pa., assignor to National Folding Box Company, New Haven, Conn. Hinged cover container. 2,369,392; Feb. 13.

Ringler, William A., Wayne, Pa., assignor to The Gardner-Richardson Company, Middletown, Ohio. Bottle carrier. 2,371,317; Mar. 13.

Ringler, William A., Wayne, Pa., assignor to The Gardner-Richardson Company, Middletown, Ohio. Cylindrical container. 2,372,740; Apr. 3.

Ringler, William A., Wayne, Pa., assignor to The Gardner-Richardson Company, Middletown, Ohio. Cylindrical container and the like. 2,389,547; Nov. 20.

Ringler, William A., Wayne, Pa., and M. I. Williamson, assignors to Wedglok Corporation, New York, N. Y. Joinders in sheet materials. 2,388,288; Nov. 6.

Ringuelli, Arthur, Chicago, Ill. Grinding fixture for cutters. 2,379,594; June 3.

Rinia, Herre, Eindhoven, Netherlands; vested in the Alien Property Custodian. Optical system. 2,377,268; May 29.

Rinn, Irwin C., Chicago, Ill. Film mount and the like. 2,385,541; Sept. 25.

Riopelle, Earl F.: *See*—
Sihvonen, K. E., and Riopelle.

Riopelle, Earl F., Detroit, and K. E. Sihvonen, Dearborn, assignors to General Motors Corporation, Detroit, Mich. Balancing machine. 2,382,665; Aug. 14.

Ripley, George K., assignor to Troy Blanket Mills, Troy, N. H. Reinforced textile fabric and making. 2,381,184; Aug. 7.

Ripley, Gladys A.: *See*—
Ripley, Walter L., assignor.

Ripley, Louis R., Litchfield, Conn. Blower housing and assembly. 2,386,508; Oct. 9.

Ripley, Walter L., assignor, to G. A. Ripley, Sharpsburg, Md. Toy boat construction. 2,388,340; Nov. 6.

Ripper, Kurt E., Bronxville, assignor to American Cyanamid Company, New York, N. Y. Stable aminoplastic sirups and producing same. 2,378,362; June 12.

Ripper, Kurt E., Bronxville, assignor to American Cyanamid Company, New York, N. Y. High strength laminated animo plastics. 2,388,184; Oct. 30.

Rippingille, Edward V., assignor to General Motors Corporation, Detroit, Mich. Internal combustion engine exhaust system. 2,370,259; Feb. 27.

Rippingille, Edward V., assignor to General Motors Corporation, Detroit, Mich. Propeller construction. 2,374,833; May 1.

Rippingille, Edward V., assignor to General Motors Corporation, Detroit, Mich. Propeller construction. 2,374,834; May 1.

Rippingille, Edward V., assignor to General Motors Corporation, Detroit, Mich. Assembling radiators. 2,385,542; Sept. 25.

Ris, Kenneth B., Garden City, assignor to The Griscom Russell Company, New York, N. Y. Bimetal tube. 2,386,747; Oct. 16.

Risdon Manufacturing Company, The: *See*—
Carr, John J., assignor.
Mitchell, August, assignor.

Rise, Eulie B., Washington, D. C. Rattrap. 2,377,967; June 12.

Rishton, James H.: *See*—
Macdonald, A. D., and Rishton.

Risk, Thomas J., Central Falls, R. I. Bobbin clutch for spindle blades. 2,366,653; Jan. 2.

Rist, Clarence E., Lyndhurst, Ohio. Safety stop mechanism for machine tools. 2,385,103; Sept. 18.

Riszdorfer, László, Budapest, 1, Hungary; vested in the Alien Property Custodian. Photoelectric exposure meter. 2,378,433; June 19.

Ritter, Charles E. H., London, England. Iodization of textile fabrics. 2,390,391; Dec. 4.

Ritter Company, Inc.: *See*—
Brune, L. H., and Ries, assignors.

Ritter, W. M., Lumber Company: *See*—
Klamm, A. and Kretschmar, assignors.

Rittmeister, Wilhelm, Rodleben, near Dessau-Rosslau, Germany, assignor, by mesne assignments, to American Hyalsol Corporation, Wilmington, Del. Manufacture of reduction products from unsaturated fatty acids or their derivatives. 2,374,379; Apr. 24.

Ritz, Charles A.: *See*—
Lambert, Enoch E., assignor.

Ritzel, Willis J., Pasadena, Calif. Fastener. 2,387,468; Oct. 23.

Rival Manufacturing Company: *See*—
Landry, William J.

Rival Manufacturing Company, et al.: *See*—
Landry, William J.

Rively, Clair M., Matawan, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., Grid. 2,367,615; Jan. 16.

Riverbank Laboratories: *See*—
Eisenhour, B. E., assignor.

Rivera, Emil, Rockland, Maine. Berry cleaning and sizing machine. 2,371,067; Mar. 6.

Rivera, Robert, Belmar, N. J. Spring connector for selectors. 2,391,479; Dec. 25.

Rives, Frank M.: *See*—
Kenefake, E. W., and Rives.

Rives, William G., Las Vegas, N. Mex. Mounting lenses. 2,377,970; June 12.

Rivet-O Manufacturing Company: *See*—
Harris, Carl C., assignor.

Roach, Earl M., assignor to Arvey Corporation, Chicago, Ill. Structural toy assembly aid. 2,377,904; June 12.

Roach, Edmund J., and E. F. Cooke, Jr., Beaumont, Tex. Well control head. 2,387,610; Oct. 23.

Roach, Wendell W., Kansas City, Mo., assignor to Phillips Petroleum Company. Isomerization of hydrocarbons. 2,378,728; June 19.

Roach, Wendell W., Kansas City, Mo., assignor to Phillips Petroleum Company. Catalyst chamber construction. 2,378,792; June 19.

Road, Richard A., assignor to Duncan Electric Manufacturing Company, Lafayette, Ind. Plastic watt-hour meter base. 2,367,433; Jan. 16.

Roadless Traction Limited: *See*—
Johnson, Philip H., assignor.

Robar, Paul H., Syracuse, N. Y. Connector for binding posts. 2,376,812; May 22.

Robb, Andrew, New Britain, Conn. Smokers' appliance. 2,374,307; Apr. 24.

Robbel, Richard A., Chicago, Ill. Sleeve ironer. 2,375,947; May 15.

Robbins, Azor D., Glen Cove, assignor to Mack Manufacturing Corporation, Long Island City, N. Y. Directional power divider. 2,389,075; Feb. 6.

Robbins, Clyde F., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Push-button switch control station. 2,370,877; Mar. 6.

Robbins, Clyde F., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Circuit controlling device. 2,375,387; May 8.

Robbins, Clyde F., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Circuit controlling device. 2,376,506; May 22.

Robbins, Douglas, and Company: *See*—
Robbins, Douglas R., assignor.

Robbins, Douglas R., assignor to Douglas Robbins and Company, Middletown, Ohio. Paper machine cleaner. 2,366,354; Jan. 2.

Robbins, Leo, assignor to Roberts Manufacturing Co., New York, N. Y. Automatic drilling machine. 2,389,743; Nov. 27.

Robbins, Leo, assignor to Roberts Manufacturing Co., New York, N. Y. Indexing mechanism for automatic machines. 2,389,744; Nov. 27.

Robbins, William B., assignor to The Dow Chemical Company, Midland, Mich. Crinkled polymeric vinylidene chloride fibers. 2,377,810; June 5.

Robbins, William K., Chicago, Ill. Chain link. 2,385,232; Sept. 18.

Rober, Anton, Milwaukee, Wis. Wrench. 2,389,933; Nov. 27.

Roberds, Wesley M., Collingswood, and B. F. Wheeler, Haddonfield, N. J., assignors to Radio Corporation of America. Direct current voltage amplifier. 2,375,948; May 15.

Roberson, Lonnie M., Dubach, La. Rotatable truck standard. 2,372,120; Mar. 20.

Robert, Arthur F.: *See*—
Hansen, K.

Roberts, Albert O.: *See*—
Galamb, J. Roberts, and Chubbuck.

Roberts, Alexander M., Widnes, England, assignor to Imperial Chemical Industries Limited. Manufacture of esters. 2,379,104; June 26.

Roberts, Alfred: *See*—
Crosse, M., and Roberts.

Roberts, Alvin V., West Haven, Conn., assignor to General Electric Company. Synthetic rubber compositions. 2,391,742; Dec. 25.

Roberts, Arthur, Cleveland Heights, Ohio, assignor to The Colonnade Company. Valve construction. 2,389,000; Nov. 13.

Roberts, Byron H., Chicago, Ill. Lock. 2,369,856; Feb. 20.

Roberts, Earl W., Hickory Island, Mich., and J. Converse, East Cleveland, assignors to The Bryant Heater Company, Cleveland, Ohio. Burner control. 2,374,459; Apr. 24.

Roberts, Elliott J.: *See*—
Kelly, E. M., Kivari, Kite, Roberts, and Sutherland.
Thompson, R. B., and Roberts.

Roberts, Eugene, Hastings, N. Y., assignor to The Western States Machine Company. Brake cooling for centrifugals and the like. Re. 22,686; Oct. 30.

Roberts-Horsefield, William C., Jr., Plainfield, N. J. Apparatus for illustrating propeller blade pitch movements. 2,372,741; Apr. 3.

Roberts, James A: *See*—
Fischer, H. R., and Roberts.

Roberts, James A., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Bucking bar control for riveting hammers. 2,375,691; May 8.

Roberts, James L., Schenectady, N. Y., assignor to General Electric Company. Foundation for elastic fluid turbines and the like. 2,376,165; May 15.

Roberts, John A., assignor of one-half to H. D. Spencer, New York, N. Y. Shield for mercury vapor lamps. 2,366,216; Jan. 2.

Roberts, John F., assignor of forty-nine per cent to L. O. Stephens, Portland, Oreg. Umbrella stand. 2,373,339; Apr. 10.

Roberts, Kenneth C., Welwyn Garden City, assignor to The British Rubber Producers' Research Association, London, England. Manufacture of adhesive compositions. 2,383,569; Aug. 28.

Roberts Manufacturing Co.: *See*—
Robbins, Leo, assignor.

Roberts, Martin J.: *See*—
Collings, W. R., Freeman, Roberts, and Hisey.

Roberts, Pearlie B., assignor of thirty-six per cent to himself; fifteen per cent to himself as trustee; thirty-four per cent to A. Squyres, Tyler, Tex., and fifteen per cent to said Squyres as trustee. Resilient plastic material and making it. 2,386,264; Oct. 9.

Roberts & Porter, Inc.: *See*—
Iler, George A., assignor.

Roberts, Richard M.: *See*—
Meyer, W. E., and Roberts.

Roberts, Richard R.: *See*—
Brown, R. G., and Roberts.

Roberts, Robert J., Houston, Tex., assignor to Standard Oil Development Company. Directional seismograph pickup. 2,390,328; Dec. 4.

Roberts, Robert M.: *See*—
De Simo, M., and Roberts.

Roberts, Robert P., E. B. Johnson, Spondon, near Derby, and M. A. Young, Bristol, England, assignors to Celanese Corporation of America. Production of artificial textile materials, films, and other shaped articles having a basis of a polymerized vinyl ester. 2,374,780; May 1.

Roberts, Samuel S.: *See*—
Rubenstein, Samuel S.

Roberts, Samuel S., Pittsburgh, Pa. Footwear safety device. Re. 22,614; Mar. 6.

Roberts & Schaefer Company: *See*—
Haworth, Mack E., assignor.

Roberts, Vernon L., Chicago, Ill., assignor of one-half to R. H. Wann, Detroit, Mich. Turntable for phonographs and sound recorders. 2,381,927; Aug. 14.

Roberts, Walter V. B., Princeton, N. J., assignor to Radio Corporation of America. Indicating device. 2,366,355; Jan. 2.

Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Power limiter for discharge tubes. 2,368,780; Feb. 6.

Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. High frequency tank circuit. 2,370,423; Feb. 27.

Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Reactance tube system. 2,371,651; Mar. 20.

Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Wave length modulation. 2,372,012; Mar. 20.

Roberts, Walter Van B., Princeton, N. J., assignor to Radio Corporation of America. Amplifier. 2,376,821; May 15.

Roberts, Walter Van B., Princeton, N. J., assignor to Radio Corporation of America. Conversion of amplitude modulation to frequency modulation. 2,378,581; June 19.

Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Frequency modulation detector circuit. 2,379,748; June 3.

Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Frequency modulated pulse signaling. 2,381,928; Aug. 14.

Roberts, William J., and S. W. Traylor, Jr., assignors to Traylor Engineering & Manufacturing Co., Allentown, Pa. Tube cooler. 2,368,881; Feb. 6.

Roberts, William M., Tyler, Tex. Kiddie barrow. 2,381,618; Aug. 7.

Roberts, William T. B., Leicester, England, assignor to United Shoe Machinery Corporation, Flemington, N. J. Lasting machine. 2,379,543; July 3.

Roberts, William T. B., Leicester, England, assignor to United Shoe Machinery Corporation, Flemington, N. J. Lasting machine. 2,381,518; Aug. 7.

Robertshaw Thermostat Company: *See*—
Eskin, Samuel G., assignor.
Eskin, S. G., and Strobel, assignors.
Strobel, Charles K., assignor.
Weber, Victor, assignor.

Robertson, Anthony E., Roselle, N. J., assignor to Standard Oil Development Company. Catalytic isomerization of hydrocarbons. 2,388,081; Oct. 30.

Robertson, Archibald, North Hollywood, Calif., assignor to Adel Precision Products Corp. Wire supporting clip. 2,372,682; Apr. 3.

Robertson, Archibald, North Hollywood, Calif., assignor to Adel Precision Products Corp. Wire supporting clip. 2,372,683; Apr. 3.

Robertson, Archibald, North Hollywood, Calif., assignor to Adel Precision Products Corp. Cushion for conduit and wire supporting clips. 2,387,295; Oct. 23.

Robertson, Bassett R., San Diego, assignor to Freez-A-Bag, Inc., Los Angeles, Calif. Therapeutic device. 2,386,969; Jan. 9.

Robertson, Daniel P., Arlington, Va. System for weather-stripping sliding sash windows. 2,367,616; Jan. 16.

Robertson, Durant W., Montclair, N. J., assignor to National Lead Company, New York, N. Y. Titanium dioxide pigments. 2,378,790; June 19.

Robertson, Durant W., Montclair, and J. A. Breckley, Mountain Lakes, N. J., assignors to National Lead Company, New York, N. Y. X-ray protective composition. 2,367,738; Jan. 23.

Robertson, Edward A., Crete, Ill. Downspout strainer. 2,377,373; June 5.

Robertson, Edward R., Saint-Margarets-on-Thames, Twickenham, assignor to O. E. Simmonds, Ripley, Surrey, England. Self-locking nut. 2,375,325; May 8.

Robertson, H. H., Company: *See*—
Hedgren, Arthur W., assignor.
Snyder, Purdum M., assignor.

Robertson, James, San Francisco, Calif. Film reel. 2,380,790; July 31.

Robertson, John Y., El Paso, Tex. Water-power wheel. 2,384,698; Sept. 11.

Robertson, Julia C., administratrix: *See*—
Robertson, T. C., Conard, and Richards.

Robertson, Mabel N., Philadelphia, Pa. Food storage equipment. 2,380,121; July 10.

Robertson Paper Box Company, Inc.: *See*—
Tyrseck, Walter J., assignor.

Robertson, Robert R., Chicago, Ill. Expansion joint. 2,386,265; Oct. 9.

Robertson, Thomas C., deceased; by J. C. Robertson, National Park, N. J., administratrix and H. N. Conard and J. Richards, Philadelphia, Pa. Overhead tool support. 2,386,266; Oct. 9.

Robertson, William H., and W. E. Eickman, assignors to The National Cash Register Company, Dayton, Ohio. Accounting machine. 2,369,252; Feb. 13.

Robeson, Charles D.: *See*—
Baxter, J. G., and Robeson.

Robey, Richard F., Roselle, and M. W. Swaney, Linden, N. J., assignors to Jasco, Incorporated. Concentrating diolefins. 2,381,311; Aug. 7.

Robie, Charles F., Alameda, assignor to Hawkins-Hawkins Co., San Francisco, Calif. Welding ring. 2,382,098; Aug. 14.

Robie, Norman P., Lewiston, and O. L. Mahlman, Kenmore, assignors to The Carborundum Company, Niagara Falls, N. Y. Abrasive articles and manufacturing the same. 2,369,689; Feb. 20.

Roblette, Alfred G. E. and P. F. Hancock, Erdington, England. Heat-treatment of metals. 2,384,261; Sept. 4.

Robillard, Joseph H.: *See*—
Koch, S. J., and Robillard.

Robin, Leo, and M. Van Roggen, Sprimont, Belgium; vested in the Alien Property Custodian. Transmission device. 2,372,226; Mar. 27.
Robin, Phillip T., Valley Stream, N. Y. Automatic grab bucket. 2,377,184; May 29.
Robinette, Charles F.: *See*—
Boyer, R. A., Atkinson, and Robinette.
Robins, A. K., & Company, Inc.: *See*—
Kibler, Louis E., assignor.
Robins, Adolf, White Plains, N. Y., assignor to Tip Top Toy Company. Unbalanced pivoted figure toy. 2,377,811; June 5.
Robins, Cecil, Bollington, near Macclesfield, and W. Kershaw, Cheadle Hulme, assignors to The Fine Cotton Spinners' and Doublers' Association Limited and Bleachers' Association Limited, Manchester, England. Rope. 2,376,813; May 22.
Robins Conveyors Incorporated: *See*—
Bankauf, William F., assignor.
Robins, Samuel D., New York, N. Y. Aircraft landing platform. 2,368,159; Jan. 30.
Robins, Samuel D., New York, N. Y. Aerodynamic braking device. 2,384,640; Sept. 11.
Robinson Aviation, Inc.: *See*—
Robinson, Leslie V., assignor.
Robinson, Benjamin R., assignor to Riley Stoker Corporation, Worcester, Mass. Stoker. 2,367,799; Jan. 23.
Robinson, Bestor, U. S. Army, Oakland, Calif. Sleeping bag. 2,378,434; June 19.
Robinson, Bestor, U. S. Army, Oakland, Calif. Pouring spout. 2,380,871; July 31.
Robinson, Cecil S., New York, N. Y. Duplex vibration absorption mount. 2,368,727; Feb. 6.
Robinson, Charles A., Salem, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Fastening inserting machine. 2,381,985; Aug. 14.
Robinson, Charles A., Salem, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Lasting machine. 2,385,367; Nov. 6.
Robinson, Chester H.: *See*—
Taylor, H. F., and Robinson.
Robinson, Dennis M., et al.: *See*—
Ormerod, George A., assignor.
Robinson, Edward A., Mount Lebanon, assignor to Diamond Alkali Company, Pittsburgh, Pa. Laundry finishing composition. 2,379,468; July 3.
Robinson, Edward L.: *See*—
Campbell, F. G., and Robinson.
Robinson, Elmer, Concord, and R. D. Evans, Belmont, Mass. Identifying manufactured products. 2,378,328; June 12.
Robinson, Emmett M., San Francisco, Calif. Spark intensifier. 2,376,981; May 29.
Robinson, Eric E., and E. W. J. Barrington, Willesden Junction, assignors to Rotax Limited, London, England. Ignition coil. 2,378,791; June 19.
Robinson, Ewen D., and J. C. Boesch, Jr., Mount Holly, N. C., assignor to Southern Dyestuff Corporation. Sulphur dye composition and manufacture. 2,373,261; Apr. 10.
Robinson, George A., Milton, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Packaging machine. 2,385,233; Sept. 18.
Robinson, George H., et al.: *See*—
Ormerod, George A., assignor.
Robinson, Gerard B., Mount Gilead, Ohio. Plastic atomizer. 2,381,558; Aug. 7.
Robinson, Harold A.: *See*—
Grebe, J. J., and Banman, and Robinson.
Robinson, Harold A., assignor to The Dow Chemical Company, Midland, Mich. Treating Friedel-Crafts reaction liquors. 2,376,088; May 15.
Robinson, Harry C., and T. F. Challis, assignors to American Manufacturing Company, Chattanooga, Tenn. Tree-type display rack. 2,381,619; Aug. 7.
Robinson, Harry G., Stratford, Conn., assignor to American Chain & Cable Company, Inc., New York, N. Y. Cutting off material abrasively. 2,383,741; Aug. 28.
Robinson, James V.: *See*—
Nevill, Gale E., assignor.
Robinson, John A., assignor to Western Electric Company, Incorporated, New York, N. Y. Testing apparatus. 2,369,799; Feb. 20.
Robinson, John E., Glen Ellyn, and F. H. Bopp and P. W. Millelot, Jr., Maywood, Ill., assignors to American Can Company, New York, N. Y. Composition for lining can ends. 2,382,443; Aug. 14.
Robinson, John R.: *See*—
Robinson, Thomas R. and J. R.
Robinson, John W., Cleveland Heights, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical process. 2,383,617; Aug. 28.
Robinson, Jonas, Clarke, Summit, Pa. Jacquard compensating means. 2,386,574; Oct. 9.
Robinson, Joseph, assignor to William R. Warner & Co. Inc., New York, N. Y. Electric vaporizer. 2,366,753; Jan. 9.
Robinson, Joseph, Jr., and M. L. Seibert, assignors to Marsh Wall Products, Incorporated, Dover, Ohio. Bottle carrier. 2,377,520; June 5.
Robinson, Leslie V., assignor to Robinson Aviation, Inc., New York, N. Y. Compression indicator. 2,376,814; May 22.
Robinson, Manuel G., Swampscott, Mass., assignor to General Electric Company. Centrifugal type compressor. 2,372,518; Mar. 27.
Robinson, Manuel G., Swampscott, Mass., assignor to General Electric Company. Centrifugal compressor. 2,382,913; Aug. 14.
Robinson, Paul: *See*—
Hubbuch, L. P., and Robinson.
Robinson, Percy W., Scotia, N. Y., assignor to General Electric Company. Adjustable transformer regulator. 2,380,265; July 10.
Robinson, Preston, Williamstown, assignor to Sprague Electric Company, North Adams, Mass. Electrical condenser. 2,373,601; Apr. 10.
Robinson, Preston, Williamstown, assignor to Sprague Electric Company, North Adams, Mass. Flexible electrical insulating layer. 2,386,634; Oct. 9.
Robinson, Ralph J., Los Angeles, Calif. Apparatus for drawing perspectives. 2,380,073; July 10.
Robinson, Samuel S., Jr., assignor to Lilliston Implement Company, Albany, Ga. Baling press. 2,366,426; Jan. 2.
Robinson, Thomas F., Kenilworth, R. T. Coe, and D. F. Welch, Rugby, England, assignors to General Electric Company. Ignition system. 2,376,189; May 15.
Robinson, Thomas R. and J. R., Everett, Wash. Clipper for sheet material. 2,369,253; Feb. 13.
Robinson, William A.: *See*—
Thomas, C. W., and Robinson.
Robinson, William M., Plainfield, assignor to Cornell-Dubilier Electric Corporation, South Plainfield, N. J. Electrical filter. 2,383,890; Aug. 28.
Robinson, William W., Jr., Los Angeles, Calif., assignor to The Texas Company, New York, N. Y. Drilling fluids. 2,369,407; Feb. 13.
Robison, Charles F.: *See*—
Ru Rose, A. H., and Robison.
Robison, Floyd L.: *See*—
Weiss, Louis, assignor.
Robison, Floyd L., Fort Smith, Ark. Vending apparatus. 2,371,845; Mar. 20.
Robison, Floyd L., Fort Smith, Ark. Refrigerator. 2,387,356; Oct. 23.
Robison, Sidney J., New York, N. Y., assignor to Universal Atlas Cement Company. Sampling device. 2,370,260; Feb. 27.
Roblin, Richard O., Jr.: *See*—
Anderson, G. W., and Roblin.
Williams, J. H., and Roblin.
Winnek, P. S., and Roblin.
Roblin, Richard O., Jr., Old Greenwich, and H. E. Faith, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Sulphonamide derivatives of 3-amino-5-methyl-1,2,4-oxadiazole and their production. 2,367,056; Jan. 9.
Roblin, Richard O., Jr., Old Greenwich, and G. W. Anderson, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Sulphonamide derivatives of 4-amino-3-methyl furazan and their production. 2,367,057; Jan. 9.
Roblin, Richard O., Jr., Old Greenwich, and R. C. Clapp, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Pyridine-3-sulphonamide derivatives and processes for their production. 2,367,058; Jan. 9.
Robson, Homer L., Lewiston, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Producing neutral calcium hypochlorite. 2,368,042; Jan. 23.
Robson, Homer L., Lewiston, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Production of hemihasic calcium hypochlorite. 2,374,835; May 1.
Roby, Horace H., assignor, by mesne assignments, to R. C. Foulston, W. L. Hartman, and J. F. Fitz-Gerald, trustees of Roby, Inc., Wichita, Kans. Hydraulically operated pitch changing mechanism. 2,371,187; Mar. 13.
Roby, Inc.: *See*—
Roby, Horace H., assignor.
Roche, Clifton R., Los Angeles, Calif. Automatic transmission. 2,375,440; May 8.
Roche, Clifton R., Los Angeles, Calif. Hydraulic governor control. 2,378,158; June 12.
Roche, Clifton R., Los Angeles, Calif. Fluid flywheel transmission. 2,380,074; July 10.
Roché, Felix A.: *See*—
Roché, Jean R. and F. A.
Roché, Jean R., Dayton, Ohio, and F. A. Roché, Hampton, Va. Aircraft propeller. 2,375,326; May 8.
Roche, John F., Jr., River Forest, assignor to Binks Manufacturing Company, Chicago, Ill. Water curtain distributing means for spray booths. 2,382,026; Aug. 14.
Roche Products Limited: *See*—
Bergel, F., and Cohen, assignors.
Bergel, F., Cohen, and Haworth, assignors.
Bergel, F., Hindley, Morrison, and Rinderknecht, assignors.
Bergel, F., Morrison, Hindley, and Moss, assignors.
Rocheville, Charles F., assignor to Rocheville Engineering, Inc., Long Beach, Calif. Compressor. 2,374,897; May 1.
Rocheville Engineering, Inc.: *See*—
Rocheville, Charles F., assignor.
Rochow, Eugene G., West Albany, N. Y., assignor to General Electric Company. Treatment of organosilicols and products thereof. 2,371,068; Mar. 6.

Rochow, Eugene G., Schenectady, N. Y., assignor to General Electric Company. Preparation of organosilicon halides. 2,380,995; Aug. 7.
Rochow, Eugene G., Schenectady, N. Y., assignor to General Electric Company. Organosilicon compounds. 2,383,817; Aug. 28.
Rochow, Eugene G., and W. I. Patnode, Schenectady, N. Y., assignors to General Electric Company. Preparation of organo-silicon halides. 2,380,996; Aug. 7.
Rochow, Eugene G., and W. F. Gilliam, Schenectady, N. Y., assignors to General Electric Company. Preparation of organosilicon halides. 2,383,818; Aug. 28.
Rochwald, George W., Kearny, N. J. Abrading wheel. 2,387,296; Oct. 23.
Rochwald, George W., Kearny, N. J. Abrading wheel. 2,387,297; Oct. 23.
Rochwald, George W., Kearny, N. J. Abrading wheel. 2,387,298; Oct. 23.
Rock, Albin S.: *See*—
Hall, E. W., and Rock.
Rocke, William, South Bend, Ind. Fluid agency washer with exterior pump. 2,377,454; June 5.
Rocke, William, South Bend, Ind. Fluid agency clothes washer with oscillating tub. 2,380,872; July 31.
Rockford Machine Tool Company: *See*—
Hallberg, E. E., and Vinci, assignors.
Rockhill, Roscoe R., Shorewood, assignor to Rex-O-graph, Inc., Milwaukee, Wis. Duplicating machine. 2,374,039; Apr. 17.
Rockola, David C., assignor to Rock-Ola Manufacturing Corporation, Chicago, Ill. Making record. 2,385,653; Sept. 25.
Rockola, David C., L. E. Dettle, and E. L. Triman, assignors to Rock-Ola Manufacturing Corporation, Chicago, Ill. Phonograph. 2,380,327; Nov. 20.
Rock-Ola Manufacturing Corporation: *See*—
Dettle, Lawrence E., assignor.
Hutter, William H., assignor.
Rockola, David C., assignor.
Rockola, D. C., Dettle, and Triman, assignors.
Rockrite Processes, Inc.: *See*—
Coe, George B., assignor.
Inslee, Heber C., assignor.
Rockwell, Edward A., West Hartford, Conn. Travel control actuating apparatus. 2,372,014; Mar. 30.
Rockwell, Edward A., West Hartford, Conn. Controlling means for automotive vehicles. 2,372,015; Mar. 20.
Rockwell, Edward A., West Hartford, Conn. Travel control valve system. 2,385,942; Oct. 2.
Rockwell, Edward A., West Hartford, Conn., assignor to General Auto Parts Corporation. Amplifying fluid pressure device. 2,372,013; Mar. 20.
Rockwell, Edward A., West Hartford, assignor to The New Britain Machine Co., New Britain, Conn. Power unit apparatus. 2,382,444; Aug. 14.
Rockwell, Edward A., West Hartford, assignor to The New Britain Machine Co., New Britain, Conn. Power unit system. 2,383,618; Aug. 28.
Rockwell, Edward A., Cleveland, Ohio. Unloader valve. 2,372,016; Mar. 20.
Rockwell, Edward A., Cleveland, Ohio. Valve apparatus. 2,388,220; Oct. 30.
Rockwell, Walter F., Detroit, Mich., and B. W. Keese, Oshkosh, Wis., assignors to The Timken-Detroit Axle Company, Detroit, Mich. Automotive vehicle. 2,384,781; Sept. 11.
Rockwell, Walter F., Detroit, Mich., and B. W. Keese, Oshkosh, Wis., assignors to The Timken-Detroit Axle Company, Detroit, Mich. Automotive vehicle. 2,384,782; Sept. 11.
Rockwood Sprinkler Company: *See*—
Freeman, Howard G., assignor.
Rocquin, Camille J., New Orleans, La. Barrier drain. 2,376,555; May 22.
Rodak, James J.: *See*—
Sheldrick, L. S., and Rodak.
Rodal, Ralph: *See*—
Schafer, R. A., and Rodal.
Rodal, Ralph, assignor to National Automatic Tool Company, Inc., Richmond, Ind. Machine tool control apparatus. 2,381,312; Aug. 7.
Roddy, Fred M., Providence, R. I. Pump for plastic, doughy, pasty, or viscous materials. 2,367,691; Jan. 23.
Roddy, Fred M., Providence, R. I., assignor to H & B American Machine Company. Spinning and twisting machine. 2,368,379; Jan. 30
Roddy, Fred M., Providence, R. I. Granulating and cutting machine. 2,381,775; Aug. 7.
Roddy, Fred M., Providence, assignor to H & B American Machine Company, Pawtucket, R. I. Builder mechanism. 2,386,748; Oct. 16.
Rode, Fredrich J., Toledo, Ohio, assignor to E. W. Bliss Company, Brooklyn, N. Y. Mechanical movement and swaging machine. 2,384,641; Sept. 11.
Rode, Fredrich J., and M. R. Hatch, Toledo, Ohio, assignors to E. W. Bliss Company, Brooklyn, N. Y. Speed varying gear mechanism. 2,382,820; Aug. 14.
Rode, Fredrich J., and M. R. Hatch, Toledo, Ohio, assignors to E. W. Bliss Company, Brooklyn, N. Y. Apparatus for swaging tubular blanks. 2,388,643; Nov. 6.
Rode, Fredrich J., and M. R. Hatch, Toledo, Ohio, assignors to E. W. Bliss Company, Brooklyn, N. Y. Press. 2,389,818; Nov. 27.
Rodeck Armin H. Long Island City, assignor to O. Gutmann, New York, N. Y. Making heat exchange devices. 2,372,795; Apr. 3.
Roden, Harry, Port Neches, Tex., assignor, by mesne assignments, to The Texas Company, New York, N. Y. Rust preventive compositions. 2,374,565; Apr. 24.
Rodenacker, Wolf, Berlin-Zehlendorf, Germany; vested in the Alien Property Custodian. Melting apparatus. 2,371,916; Mar. 20.
Rodgers, Charles H., Peoria, and G. C. Neureuther, Morton, assignors to Hiram Walker & Sons Inc., Peoria, Ill. Contact apparatus. 2,384,424; Sept. 4.
Rodgers, Edward T., New York, N. Y., assignor to M. M. O. Rodgers. Internal-combustion engine. 2,374,880; Apr. 24.
Rodgers, Howard C.: *See*—
Fairley, F. E., Lindquist, Michaels, and Rodgers.
Rodgers, Marie M. O.: *See*—
Rodgers, Edward T., assignor.
Rodgers, Nelson E.: *See*—
Meade, R. E., Pollard, and Rodgers.
Rodli, Gilbert, Huntingdon, Pa. Highway construction and method. 2,366,754; Jan. 9.
Rodli, Gilbert, and R. W. Wilson, Huntingdon, Pa. Surface marking apparatus. 2,369,983; Feb. 20.
Rodman, Frank A.: *See*—
McMaster, H. A., and Rodman.
Rodney Hunt Machine Company: *See*—
Jones, Bliss M., assignor.
Simonds, Warren J., assignor.
Rodnick, Joseph W.: *See*—
Fors, E. H., and Rodnick.
Rodway, John, Lincoln, England. Controlling brakes on trailer vehicles. 2,370,582; Feb. 27.
Rodway, John, Lincoln, England. Steering mechanism for vehicles. 2,388,185; Oct. 30.
Roe, Chester M., Hasbrouck Heights, N. J. Pipe coupling. 2,387,410; Oct. 23.
Roe, Emmett J., Wichita, Kans., assignor by decree of distribution to R. J. Roe. Packer. 2,378,374; June 19.
Roe, James, assignor of one-half to A. Kahn, Chicago, Ill. Floor slab. 2,379,595; June 3.
Roe, Russell J.: *See*—
Roe, E. J., assignor.
Roe, Viola B., administratrix: *See*—
Roe, Walter E.
Roede, Charles B.: *See*—
Sperry, E. A., Jr., and Roede.
Roediger, Joseph C.: *See*—
Holmes, A., and Roediger.
Roediger, Joseph C., Brooklyn, N. Y., assignor to Standard Oil Development Company. Paint remover. 2,388,082; Oct. 30.
Roehm, Richard: *See*—
Fikentscher, H., and Roehm.
Roehm, William A., Rockville Centre, assignor to Royal Lace Paper Works, Brooklyn, N. Y. Printing and embossing and apparatus for performing the same. 2,390,618; Dec. 11.
Roehner, Theodore G., Malverne, assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Pest control. 2,370,881; Mar. 6.
Roehr, Albert B., Sarasota, Fla. Ditch digger. 2,381,689; Aug. 7.
Roehrich, Victor H., St. Paul, Minn. Aluminum solutions and preparations. 2,373,198; Apr. 10.
Roehrl, Bruno C., Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. Package for rolls of flexible material. 2,386,062; Oct. 2.
Roelen, Otto: *See*—
Feisst, W., Roelen, and Schuff.
Heckel, H., and Roelen.
Roeloffzen, H. W.: *See*—
Newbann, Leonard, assignor.
Roemer, George R., Mount Lebanon, Pa. Continuous manufacture of welded wire mesh. 2,390,174; Dec. 4.
Roemer, Henry A.: *See*—
Renkin, Robert F., assignor.
Roemer, William C., assignor to Western Cartridge Company, New Haven, Conn. Front-band construction for firearms. 2,368,160; Jan. 30.
Roemer, William C., assignor to Western Cartridge Company, New Haven, Conn. Self-loading firearm. 2,372,339; Mar. 27.
Roesch, Herman F., Seattle, Wash. Electric service wire coupling means. 2,378,105; June 12.
Roesch, Stephen J.: *See*—
Myers, J. W., and Roesch.
Roesen, Oscar C., Scarsdale, N. Y., assignor to Wood Newspaper Machinery Corporation, Plainfield, N. J. Application of prepared adhesive to webs. 2,369,800; Feb. 20.
Roesen, Oscar C., Searsdale, N. Y., assignor to Wood Newspaper Machinery Corporation, Plainfield, N. J. Apparatus for the application of prepared adhesive to webs. 2,369,801; Feb. 20.
Roesen, Oscar C., Scarsdale, N. Y., assignor to Wood Newspaper Machinery Corporation, Plainfield, N. J. Counter and numbering hend for press cylinders. 2,375,174; May 1.
Roesen, Oscar C., Searsdale, N. Y., assignor to Wood Newspaper Machinery Corporation, Plainfield, N. J. Means for use in splicing webs. 2,377,971; June 12.

Roesen, Oscar C., Scarsdale, N. Y., assignor to Wood Newspaper Machinery Corporation, Plainfield, N. J. Apparatus for the application of adhesive to webs. 2,379,495; June 3.

Roesen, Oscar C., Scarsdale, N. Y., assignor to Wood Newspaper Machinery Corporation, Plainfield, N. J. Web splicing. 2,386,344; Oct. 9.

Roesen, Oscar C., Scarsdale, N. Y., assignor to Wood Newspaper Machinery Corporation, Plainfield, N. J. Device for splicing webs. 2,386,345; Oct. 9.

Roesen, Oscar C., Scarsdale, N. Y., assignor to Wood Newspaper Machinery Corporation, Plainfield, N. J. Web splicing. 2,386,346; Oct. 9.

Roeser, Harry M., assignor to Streeter-Amet Company, Chicago, Ill. Lever. 2,381,412; Aug. 7.

Roessler, George, Teaneck, N. J. Hydraulic pump, fluid meter or compressor. 2,388,644; Nov. 6.

Roethel, John H., assignor to Marvel Equipment Corporation, Detroit, Mich. Window control mechanism. 2,379,922; July 10.

Roethel, John H., assignor to Marvel Equipment Corporation, Detroit, Mich. Window guide. 2,379,923; July 10.

Roethel, John H., assignor to Marvel Equipment Corporation, Detroit, Mich. Window guide. 2,379,924; July 10.

Roethel, John H., assignor to Marvel Equipment Corporation, Detroit, Mich. Window guide. 2,379,925; July 10.

Roethel, John H., assignor to Marvel Equipment Corporation, Detroit, Mich. Window guide. 2,379,926; July 10.

Roethel, John H., assignor to Marvel Equipment Corporation, Detroit, Mich. Window guide. 2,379,927; July 10.

Roethell, Bruno E., Cranford, and W. G. Scharmann, Westfield, N. J., assignors, by mesne assignments, to Jasco, Incorporated. Chemical process. 2,376,190; May 15.

Roethell, Bruno E., Cranford, and W. G. Scharmann, Westfield, N. J., assignors, by mesne assignments, to Jasco, Incorporated. Chemical process. 2,376,191; May 15.

Roetman, Edmond T., Ridley Park, Pa., assignor to American Viscose Corporation, Wilmington, Del. Sampling device. 2,388,801; Nov. 13.

Rogers, Allan B., Sr.: *See*—
Burton, E. F., and Rogers.

Rogers, Anthony A., et al.: *See*—
Holmes, Louis W., assignor.

Rogers, Arthur O., Lewiston, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydantoin manufacture. 2,391,799; Dec. 25.

Rogers, C. E., Company: *See*—
Rogers, R. M., and Walker, assignors.

Rogers, C. R., Oak Park, Ill., assignor to International Harvester Company. Internal-combustion engine. 2,366,288; Jan. 2.

Rogers Diesel and Aircraft Corporation: *See*—
Bayles, Allison L., assignor.
Feroy, Arne, assignor.
Fowler, Elbert, assignor.

Rogers, Edith H., executrix: *See*—
Schroder, W. L., and Rogers.

Rogers, Ernest W.: *See*—
Adorjan, P., Nash, and Rogers.

Rogers, Frank H., Estancia, N. Mex. Car door. 2,375,327; May 8.

Rogers, Frank H., Estancia, N. Mex. Latch mechanism. 2,377,576; June 5.

Rogers, George L., Schenectady, N. Y., assignor to General Electric Company. Electric control circuits. 2,372,017; Mar. 20.

Rogers, Horace B., Norfolk, Va. Method and apparatus for conditioning air. 2,371,468; Mar. 13.

Rogers, James: *See*—
Grouse, R. A., and Rogers.

Rogers, John C., and R. Sims, New Orleans, La. Linter. 2,372,796; Apr. 3.

Rogers, John H.: *See*—
Emde, C. K., Rogers, and Posejpal.

Rogers, Johnnie: *See*—
Samuels, Joseph V., assignor.

Rogers, Karl E., Niagara Falls, N. Y. Cord clamp. 2,387,611; Oct. 23.

Rogers Majestic Corporation: *See*—
Gossling, Clement E., assignor.

Rogers, Maurice A. T.: *See*—
Goodings, E. P., and Rogers.

Rogers, Maurice A. T., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. New coloring matters. 2,382,914; Aug. 14.

Rogers, Maurice A. T., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Manufacture of substituted pyrroles. 2,382,915; Aug. 14.

Rogers, Maurice A. T., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Manufacture of pyrrole derivatives. 2,382,916; Aug. 14.

Rogers, Maurice A. T., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Manufacture of new pyrrole derivatives. 2,382,917; Aug. 14.

Rogers, Maurice A. T., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Waterrepellency agents and making and using the same. 2,386,140; Oct. 2.

Rogers, Maurice A. T., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Treating textile materials. 2,386,141; Oct. 2.

Rogers, Maurice A. T., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Quaternary ammonium salts and making the same. 2,386,142; Oct. 2.

Rogers, Maurice A. T., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Treating textile materials. 2,386,143; Oct. 2.

Rogers, Orville R.: *See*—
Dickson, J. J., and Rogers.

Rogers, Roger M., Birmingham, and A. M. Walker, Dearborn, assignors to C. E. Rogers Company, Detroit, Mich. Conveyer mechanism. 2,381,185; Aug. 7.

Rogers, Samuel D., P. J. Rudolph, and W. L. Crawford, assignors to Olive S. Petty, San Antonio, Tex. Spray deflector for shot holes. 2,387,770. Oct. 30.

Rogers, Thomas A.: *See*—
Schroder, W. L., and Rogers.

Rogers, William E., Beaumont, Tex. Stud bolt guard. 2,368,570; Jan. 30.

Rogerson, Brooks E., Chagrin Falls, Ohio. Back rest for beds. 2,387,257; Oct. 23.

Rogne, Carl T., Milwaukee, Wis. Holder for chalk lines and the like. 2,366,755; Jan. 9.

Rogoff, Julian, New Rochelle, N. Y., assignor to Burndy Engineering Company, Inc. Tool installed cable terminal and making same. 2,371,469; Mar. 13.

Rogoz, Morris, Jackson Heights, N. Y. Diamond holding tool. 2,390,175; Dec. 4.

Rogover, Sam, Chicago, Ill. Dental liner. 2,377,041; May 29.

Rogovin, Abraham T., New Haven, Conn. Container and applicator for wax or the like. 2,389,276; Nov. 20.

Rogowski, Augustus R., Needham, Mass. Dynamometer. 2,373,262; Apr. 10.

Rohdin, Howard A., Glen Ridge, N. J. Hermetically sealed package. 2,372,452; Mar. 27.

Rohdin, Howard A., Glen Ridge, N. J. Bag and filling same. 2,373,340; Apr. 10.

Rohdin, Howard A., Glen Ridge, N. J. Sewed double side seam bag. 2,376,503; June 19.

Rohl, Robert R., Menasha, assignor of one-half to N. E. Brokaw, Sr., Appleton, Wis. Woodworking. 2,370,918; Mar. 6.

Rohlen, Arthur W., assignor to Marvel Auto Signal Co., Inc., Minneapolis, Minn. Vehicle turn indicator. 2,372,395; Mar. 27.

Röhm & Haas Company: *See*—
Bartoe, W. F., and Speck, assignors.
Bock, L. H., and Houk, assignors.
Bruson, Herman A., assignor.
Craig, W. E. and Hester, assignors.
Haas, Fritz O., assignor.
Helwig, Edward L., assignor.
Hester, W. F., and Craig, assignors.
Hollander, Charles S., assignor.
Neher, H. T., and Conn, assignors.
Neher, H. T., and Kelton, assignors.
Spence, Le Roy U., assignor.
Spence, Le R. U., Butterbaugh, and Kroeker, assignors.
Spence, Le R. U., and Haas, assignors.
Spence, L. U., and Haas, assignors.
Spence, L. U., and Mitchell, assignors.
Stallings, James W., assignor.
Sumner, John K., assignor.

Rohr Aircraft Corporation: *See*—
Hite, Jess L., assignor.

Rohr, Fred H., San Diego, Calif. Rotary combustion engine. 2,382,259; Aug. 14.

Rohrig, Ignatius A., and N. A. Kerstein, Detroit, Mich. Manufacture of diamond tools. 2,382,666; Aug. 14.

Rohrmann, Charles A.: *See*—
Hurt, D. M., and Rohrmann.

Rohrmann, Ewald: *See*—
Shonle, H. A., and Rohrmann.

Roitman, Jamie, Rosario, Argentina. Perpetual calendar. 2,369,917; Feb. 20.

Rojahn, Frederick C., Brooklyn, N. Y. Safety razor. 2,376,276; May 15.

Roko Corporation: *See*—
Coberly, Clarence J., assignor.

Roland, John R.: *See*—
Hanford, W. E., and Roland.
Hanford, W. E., Roland, and Young.

Roland, John R., Jr., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Interpolymers of ethylene with vinyl esters and products therefrom. 2,386,347; Oct. 9.

Rolfsen, George B., assignor of one-half to D. Cohn, Indianapolis, Ind. Waste reclamation. 2,386,267; Oct. 9.

Rolfson, Francis B.: *See*—
Penther, C. J., and Rolfson.

Rolker, Edwin, assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Article weighing and handling apparatus. 2,385,882; Oct. 2.

Rolland, Guy F., McKeansburg, Pa., assignor to Atlas Powder Company, Wilmington, Del. Ignition composition. 2,388,368; Nov. 6.

Rolland, Herman J., Montreal, Quebec, Canada. Cable clamp. 2,368,326; Jan. 30.

Rolle, Clifford J., Yonkers, assignor to Interchemical Corporation, New York, N. Y. Bronzing lacquer. 2,384,493; Sept. 11.

Rolling & Engraving Mills, Inc.: *See*—
Frommer, Joseph C., assignor.

Rollings, James N., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Insulation cutting tool. 2,386,228; Oct. 9.

Rollins, Cecil B., South Berwick, Maine. Ski hinge. 2,367,528; Jan. 16.

Rollins, Jackson H.: *See*—
Hatch, W. E., and Rollins.

Rollman, Walter F., Cranford, N. J., assignor, by mesne assignments, to Jasco, Incorporated. Chemical process. 2,377,107; May 29.

Rolph, Thomas W., Newark, Ohio, assignor to Holophane Company, Inc., New York, N. Y. Luminaire. 2,366,356; Jan. 2.

Rollway Bearing Co., Inc.: *See*—
Kaye, Hubert E., assignor.
Kilian, Rudolph R., assignor.

Rolph, Samuel F., Detroit, Mich., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Door lock. 2,377,201; May 29.

Rolscreen Company: *See*—
Kuyper, Peter H., assignor.

Roman, John, Reading, assignor to Trimmings, Inc., Lawrence, Mass. Footwear. 2,369,254; Feb. 13.

Roman, Walter G., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Molded lightning-arrester block. 2,376,815; May 22.

Romanelli, Emilio, Bloomfield, and F. E. Sutter, West Caldwell, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Method and apparatus for heat treatment. 2,367,617; Jan. 16.

Romanoski, Joseph A. E., Huntington, N. Y. Tap. 2,389,548; Nov. 20.

Romberg, Arnold: *See*—
LaCoste, L. J. B., and Romberg.

Romberg, Conrad J., Gainesville, Ga. Liquid flow or level controller. 2,376,623; May 22.

Rome Plow Company: *See*—
McKay, Augusta P., assignor.

Romec Pump Company: *See*—
Walwin, L. Davis, assignor.

Römer, Otto, Berlin-Siemensstadt, Germany; vested in the Alien Property Custodian. Polarized relay. 2,375,586; May 8.

Ronci, Fernando M., Providence, R. I. Immersing and centrifuging unit. 2,387,299; Oct. 23.

Ronci, Fernando M., Providence, R. I. Means for mounting work in casings for dipping and centrifuging. 2,387,300; Oct. 23.

Ronci, Victor L.: *See*—
Clark, J. E., Fay, and Ronci.

Ronci, Victor L., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,386,269; Nov. 6.

Rondinone, Joseph F., assignor of one-fourth to W. C. Rondinone, Wethersfield, Conn. Inside micrometer. 2,384,343; Sept. 4.

Rondinone, Winifred C.: *See*—
Rondinone, Joseph F., assignor.

Ronning, Henry O., Minneapolis, assignor to Waldorf Paper Products Company, St. Paul, Minn. Garment hanger. 2,383,819; Aug. 28.

Ronning, Martin, St. Louis Park, and K. M. Keith, assignors to Minneapolis-Moline Power Implement Company, Minneapolis, Minn. Combine steering mechanism. 2,390,273; Dec. 4.

Ronson Art Metal Works, Inc.: *See*—
Evans, Fred, assignor.

Rood, William B., Des Moines, Iowa. Guard for window or door openings. 2,389,493; Feb. 12.

Roofe, Elmer L., Houston, Tex. Rotatable center for lathes and grinders. 2,366,806; Jan. 9.

Rooney, Elwin H., Buttonwoods, R. I. Drafting textile fiber. 2,387,091; Oct. 16.

Rooney, James H., R. S. Locke, and P. R. Hawtin, Spondon, near Derby, assignors to British Celanese Limited, London, England. Sheets or plates, etc. 2,374,308; Apr. 24.

Roos, Delmar G., assignor to Willys-Overland Motors, Inc., Toledo, Ohio. Motor vehicle. 2,367,434; Jan. 16.

Roos, Delmar G., assignor to Willys-Overland Motors, Inc., Toledo, Ohio. Towing device. 2,378,504; June 19.

Roosen, H. D., Company: *See*—
Bernstein, I. M., and Lenson, assignors.

Root, Charles F., assignor to The Chandler & Price Company, Cleveland, Ohio. Sheet transfer mechanism. 2,367,529; Jan. 16.

Root, Charles F., assignor to The Chandler & Price Company, Cleveland, Ohio. Inking mechanism for printing presses. 2,377,269; May 29.

Root, Charles S., Fairfield, Conn., assignor to General Electric Company. Radio receiver. 2,366,559; Jan. 2.

Root, Frank B., Montclair, N. J., assignor to Ellis-Foster Company. Drying oil products and making. 2,374,381; Apr. 24.

Root, Frank B., and C. W. Virgin, Montclair, N. J., assignors to Ellis-Foster Company. Furfuryl alcohol resin and making. 2,368,426; Jan. 30.

Root, Joseph M., assignor to H. C. and V. Johns and W. E. and L. Davison, co-partners, doing business as Park Manufacturing Company, Detroit, Mich. Swaging machine. 2,381,559; Aug. 7.

Root, Nathan, Grand Rapids, Mich. Fur cleaning machine. 2,388,619; Nov. 6.

Roper, Charles G.: *See*—
Carliss, O. S., and Roper.

Roper, Charles G., Fairfield, assignor, by mesne assignments, to The Yale & Towne Manufacturing Company, Stamford, Conn. Weighing capacity exhibitor. 2,369,179; Feb. 13.

Roper, Charles G., Bridgeport, assignor, by mesne assignments, to The Yale & Towne Manufacturing Company, Stamford, Conn. Cycle controlled switching device. 2,370,686; Mar. 6.

Roper, Edwin E., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Geochemical surveying. 2,374,135; Apr. 17.

Roper, George, Washington, D. C. Die stock. 2,388,290; Nov. 6.

Roper, Geo. D., Corporation: *See*—
Hennessy, John F., assignor.
Hobson, Stanley H., assignor.
Hobson, S. H., and Ring, assignors.
Jensen, Lionel R., assignor.
Larson, Swan E., assignor.

Roper, John M., Washington, D. C. Approach light. 2,386,268; Oct. 9.

Roper, Walter F., Longmeadow, Mass. Magazine safety for automatic firearms. 2,372,519; Mar. 27.

Roquemore, Glen F., assignor to Wingfoot Corporation, Akron, Ohio. Rubber-to-metal adhesions. 2,381,186; Aug. 7.

Rosa, Anthony G., Lyndhurst, N. J. Electrode. 2,366,459; Jan. 2.

Rosa, Anthony G., Lyndhurst, N. J. Lipstick holder. 2,379,105; June 26.

Rosaire, Esme E.: *See*—
Horvitz, Leo, assignor.

Rosan, Joseph, North Hollywood, Calif. Tubular insert. 2,370,327; Feb. 27.

Roscoe, Edwin S., Cleveland, Ohio, assignor to Yawman and Erbe Mfg. Co., Rochester, N. Y. Index equipment and progressively adjustable signaling means for use therein. 2,370,074; Feb. 20.

Rose, Alfred G.: *See*—
Johnson, L. G., and Rose.

Rose, Alfred G., et al.: *See*—
Scott, Philip E.

Rose, Alfred G., assignor to Rose Brothers (Gainsborough) Limited, Gainsborough, England. Gluing means for packaging machinery. 2,370,583; Feb. 27.

Rose, Arnold L., Larchmont, N. Y. Gas range. 2,387,809; Oct. 30.

Rose Brothers Limited: *See*—
Kay, James A., assignor.

Rose Brothers (Gainsborough) Limited: *See*—
Johnson, L. G., and (Rose, assignor).
Rose, Alfred G., assignor.
Scott, P. B., (Rose, and Curtis, assignors).

Rose, Charles S., Agency, Iowa. Combination grinder and tool dresser. 2,389,871; Nov. 27.

Rose, David, Chicago, Ill. Conveyer. 2,391,272; Dec. 18.

Rose, Edward, Dunkirk, N. Y. Attachment for scissors or shears. 2,380,075; July 10.

Rose, Edwin L., Woodbury, Conn. Power transmission. 2,382,027; Aug. 14.

Rose, Herbert A., Pittsburgh 21, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Vapor-electric device. 2,370,075; Feb. 20.

Rose, Herbert A., Pittsburgh 21, and J. H. Cox, Forest Hills, assignors to Westinghouse Electric Corporation. Vapor-electric device. 2,387,946; Oct. 30.

Rose, Herbert W., Cristobal, C. Z. Engine. 2,383,565; Aug. 28.

Rose, Howard E., Normandy, Mo., assignor to Curtiss-Wright Corporation. Automatic pump selector valve. 2,387,531; Oct. 23.

Rose, Jess C.: *See*—
Dircksen, A. D., Bardwell, and Rose.

Rose, Jess C., assignor to Bardwell & McAlister, Inc., Los Angeles, Calif. Studio spot lamp. 2,368,781; Feb. 6.

Rose, Jess C., and G. E. Stankey, assignors to Bardwell & McAlister, Los Angeles, Calif. Pinch type bending roll method and means. 2,390,274; Dec. 4.

Rose, John J., Dayton, Ohio. Spark plug construction. 2,375,822; May 15.

Rose, Joseph K., Chicago, Ill. Television receiver. 2,368,882; Feb. 6.

Rose, Luther S., Honolulu, Hawaii. Transmitting system. 2,375,587; May 8.

Rose, Luther S., San Antonio, Tex. Autointerpregraph signal recorder. 2,375,588; May 8.

Rose, William, assignor to Taylor Fibre Company, Norristown, Pa. Mold. 2,368,327; Jan. 30.

Rose, William H., Jersey City, N. J. Blade holding device. 2,374,502; Apr. 24.

Rosegard, Dora, Seattle, Wash. Fish lure. 2,373,417; Apr. 10.

Rosehill, Joseph A., assignor to American Lady Corset Company, Detroit, Mich. Garment. 2,386,909; Oct. 16.

Roselund, Harold A., assignor to The De Vilbiss Company, Toledo, Ohio. Spray gun. 2,371,546; Mar. 13.

Roseman, Leo, Newark, N. J. Compensating garter. 2,377,651; June 5.

Roseman, Leo, assignor to Prime Fastener Company, Newark, N. J. Tape for adjustable fasteners. 2,370,754; Mar. 6.

Roseman, Reuben, and H. Eisenberg, assignors, by mesne assignments, to C. H. Burton, Baltimore, Md. Magnesium silicates and making same. 2,384,563; Sept. 11.

Roseman, Reuben, and H. Eisenberg, assignors, by mesne assignments, to C. H. Burton, Baltimore, Md. Magnesium silicate suspensions and making same. 2,384,564; Sept. 11.

Rosen, Oscar E.: *See*—
Stanton, Walter O., assignor.

Rosen, Oscar E., Detroit, Mich. Dual duplicator. 2,372,604; Mar. 27.

Rosen, Oscar E., Detroit, Mich. Hydraulic tracer. 2,379,037; June 26.

Rosen, Oscar E., Detroit, Mich. Hand-feed control means for duplicating machines. 2,384,196; Sept. 4.

Rosen, Raphael, Elizabeth, and E. Arundale, Colonia, N. J., assignors to Standard Oil Development Company. Reactions of tertiary olefins with aldehydes. 2,368,494; Jan. 30.

Rosen, Sidney, et al.: *See*—
Pitar, Adolph, assignor.

Rosenberg, Adolph H., et al.: *See*—
Mayer, Richard, assignor.

Rosenberg Bros. & Co.: *See*—
Baerwald, Francis K., assignor.

Rosenberg, Gordon W., Elkins Park, Pa. Fabric construction. 2,390,462; Dec. 4.

Rosenberg, Hans R.: *See*—
Calcott, W., S., Waddell, and Rosenberg.

Rosenberg, Hans R., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of provitamins. 2,369,918; Feb. 20.

Rosenberg, Hans R., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of 7-dehydro sterols. 2,376,816; May 22.

Rosenberg, Hans R., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Reduction of ketaldones. 2,376,817; May 22.

Rosenberg, Hans R., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical processes. 2,386,635; Oct. 9.

Rosenberg, Hans R., and S. G. Turnbull, Jr., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Sterol and steroid esters. 2,375,873; May 15.

Rosenberg, Hans R., and S. G. Turnbull, Jr., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Sterol and steroid derivatives. 2,375,874; May 15.

Rosenberg, Hans R., and S. G. Turnbull, Jr., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. New sterol derivatives. 2,386,636; Oct. 9.

Rosenberg, Joseph L. S., assignor to Yudell Realty Corporation, Brentwood, N. Y. Razor sharpener. 2,372,121; Mar. 20.

Rosenberg, Lea S., et al.: *See*—
Mayer, Richard, assignor.

Rosenberg, Philip, New York, N. Y. Revolving bin. 2,371,917; Mar. 20.

Rosenberg, Samuel M., et al.: *See*—
Mayer, Richard, assignor.

Rosenberger, Albert J., assignor to Republic Flow Meters Company, Chicago, Ill. Liquid level gauge. 2,368,616; Feb. 6.

Rosenberger, Albert J., assignor to Republic Flow Meters Company, Chicago, Ill. Control valve. 2,370,076; Feb. 20.

Rosenberger, William A., assignor to Pangborn Corporation, Hagerstown, Md. Abrading apparatus. 2,369,408; Feb. 13.

Rosenblum, Nathan, University City, Mo. Hose rack. 2,367,141; Jan. 9.

Rosenblum, Solomon, Princeton, N. J., assignor to Canadian Radium & Uranium Corporation, New York, N. Y. Apparatus and method for utilizing ionizing radiations. 2,383,820; Aug. 28.

Rosenbrook, Freddie V., Chicago, Ill. Electric hammer. 2,387,771; Oct. 30.

Rosencrans, Charles A., Sewell, N. J., assignor to Radio Corporation of America. High frequency generator. 2,368,328; Jan. 30.

Rosencrans, Charles A., Haddonfield, N. J., assignor to Radio Corporation of America. High frequency generator. 2,368,329; Jan. 30.

Rosencrans, Charles A., Haddonfield, N. J., assignor to Radio Corporation of America. Resonance indicating apparatus. 2,380,791; July 31.

Rosendahl, Charles E., and O. Loesser, Jr., United States Navy. Method and apparatus for mooring airships. 2,386,814; Oct. 16.

Rosenfeld, George J.: *See*—
Lobasso, Vincent, assignor.

Rosenfeld, Jack, New York, N. Y. Decorative material and applying the same. 2,371,318; Mar. 13.

Rosengren, Bernhard, assignor to The United States Time Corporation, Waterbury, Conn. Device for feeding pinion blanks. 2,389,083; Nov. 13.

Rosenheim, David, New York, N. Y., assignor to Lapin Products, Inc., Newark, N. J. Spectacles. 2,379,928; July 10.

Rosenlund, Victor E., Paxton, and C. S. Fusak, assignors to Reed-Prentice Corporation, Worcester, Mass. Pressure exerting mechanism. 2,371,547; Mar. 13.

Rosenstein, Ludwig, assignor to Shell Development Company, San Francisco, Calif. Gas purification and separation process. 2,368,600; Jan. 30.

Rosenstengel, Bernard L., Brisbane, Queensland, Australia. Apparatus for producing power. 2,385,943; Oct. 2.

Rosenthal, Adolph H., assignor, by mesne assignments, to Scophony Corporation of America, New York, N. Y. Television receiver. Re. 22,628; Apr. 10.

Rosenthal, Allan, Brooklyn, N. Y. Decorative article and making same. 2,377,042; May 29.

Rosenthal, Charles, New York, N. Y. Knockdown collapsible wardrobe. 2,381,464; Aug. 7.

Rosenthal, Charles, New York, N. Y. Knockdown collapsible closet. 2,383,512; Aug. 28.

Rosenthal, Charles, New York, assignor to Frank M. Katz, Scarsdale, N. Y. Knockdown shelving structure. 2,366,676; Jan. 2.

Rosenthal, Charles, New York, assignor to F. M. Katz, Scarsdale, N. Y. Shelf structure. 2,366,677; Jan. 2.

Rosenthal, Jack, Brooklyn, N. Y. Automatic tapping and threading machine. 2,389,998; Nov. 27.

Rosenthal, Leon, assignor to Guild Manufacturing Company, Baltimore, Md. Tool for applying electrical and telephone tip terminals. 2,369,180; Feb. 13.

Rosenthal, Manuel G., New York, N. Y. Article of headdress. 2,372,911; Apr. 3.

Rosenthal, Nathan, Newton, Mass. Universal shoe fixture for orthopedic attachments. 2,382,821; Aug. 14.

Rosenthal, William C.: *See*—
Hitchcock, R. B., and Rosenthal.

Rosenzweig, Siegfried, New York, and S. Cherry, Lake Success, N. Y.; said Cherry assignor to said Rosenzweig. Machinery base. 2,378,106; June 12.

Rosin, Jacob, New York, N. Y. Treatment of sterols. 2,391,743; Dec. 25.

Rosner, Juda, Brooklyn, N. Y. Instrument for grinding and polishing diamonds. 2,383,619; Aug. 28.

Ross, Albert W.: *See*—
Hicks, H. A., Johnson, and Ross.

Ross, Andrew, Toronto, assignor to L. H. Andrews, Weston, Ontario, Canada. Thread cutting attachment for lathes and the like. 2,378,659; June 19.

Ross, Chandler C.: *See*—
Gilman, J. N., and Ross.

Ross, Charles R., Vancouver, British Columbia, Canada. Toothbrush receptacle. 2,366,876; Jan. 9.

Ross, David J., Benton Harbor, Mich. Lamp, lamp shade, and lamp shade holder. 2,387,857; Oct. 30.

Ross, Donald C., executor, et al.: *See*—
Burt, John W.

Ross Gear & Tool Company: *See*—
Creson, William K., assignor.

Ross, Harry A., Calgary, Alberta, Canada. Vacuum bottle cup. 2,373,917; Apr. 17.

Ross, J. O., Engineering Corporation: *See*—
Montgomery, Alvin E., assignor.
Ross, J. O., and Gschwind, assignors.

Ross, James F., Laredo, Tex. System of pumping wells. 2,390,124; Dec. 4.

Ross, James P., Girvin, Saskatchewan, Canada. Razor blade sharpener. 2,373,853; Apr. 17.

Ross, James W., assignor to Hazel-Atlas Glass Company, Washington, Pa. Glass feeder. 2,390,176; Dec. 4.

Ross, John: *See*—
Arrowsmith, C. J., and Ross.
Keim, G. I., and Ross.
Turck, J. A. V., Jr., and Ross.

Ross, John, New York, N. Y., assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Resin purification. 2,369,409; Feb. 13.

Ross, John, Ramsey, assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Soap preparation. 2,381,368; Aug. 7.

Ross, John O., New York, and J. F. Gschwind, Scarsdale, assignors to J. O. Ross Engineering Corporation, New York, N. Y. Drier. 2,391,195; Dec. 18.

Ross, Justin E., Kansas City, Mo. Razor. 2,370,815; Mar. 6.

Ross, Walter F., Detroit, Mich., assignor to The Fellows Gear Shaper Company and to Jones & Lamson Machine Company, Springfield, Vt. Method and apparatus for making solid objects from metal powder. 2,372,605; Mar. 27.

Ross, Walter F., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Machine for honing tooth grooves of gear finishing tools. 2,380,540; Nov. 20.

Ross, William, Surbiton, England. Grizzly and screen for grading materials. 2,367,964; Jan. 23.

Ross, William B., Evanston, W. J. Backoff, Elmhurst, and N. D. Williams, assignors to The Pure Oil Company, Chicago, Ill. Lubricant. 2,371,319; Mar. 13.

Ross, William B., Evanston, and K. Boldt, Highland Park, assignors to The Pure Oil Company, Chicago, Ill. Motor fuel. 2,371,355; Mar. 13.

Ross, William E.: *See*—
Anderson, J., McAllister, and Ross.
Crawford, C. C., and Ross.

Ross, William E., Berkeley, S. H. McAllister, Lafayette, and J. Anderson, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Catalytic agents. 2,370,195; Feb. 27.

Ross, William E., and T. Vermeulen, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Isomerizing hydrocarbons. 2,379,749; July 3.

Ross, William E., Oakland, and P. Pezzaglia, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Cycloparaffin production. 2,382,445; Aug. 14.

Ross, William E., Berkeley, and P. Pezzaglia, Oakland, assignors to Shell Development Company, San Francisco, Calif. Cycloparaffin production. 2,382,446; Aug. 14.

Ross, William E., Berkeley, and P. Pezzaglia, Oakland, assignors to Shell Development Company, San Francisco, Calif. Cycloparaffin production. 2,385,543; Sept. 25.

Ross, William E., Berkeley, S. H. McAllister, Lafayette, and J. Anderson, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Catalytic alkylation process. 2,389,550; Nov. 20.

Ross, William H., E. S. Shipley, and J. F. Mullins, Washington, D. C., and J. O. Hardesty, Hyattsville, Md., assignors to the United States of America as represented by the Secretary of Agriculture. Laboratory hammer mill. 2,391,480; Dec. 25.

Rossander, Swante S.: *See*—
Reynolds, W. B., Rossander, and Kvalnes.

Rossell, William T., St. Louis, Mo., assignor to Transit Research Corporation, New York, N. Y. Car body construction. 2,372,396; Mar. 27.

Rosselot, Clifford L., Owensville, Ohio. Powdered limestone spreader and the like. 2,369,755; Feb. 20.

Rossi, Irving: *See*—
Rossmann, Peter F., assignor.

Rossler, John D.: *See*—
Pearne, F. Y., and Rossler.

Rossiter, William D., Toledo, Ohio. Cabinet locking means. 2,374,898; May 1.

Rossman, Allen M., Wilmette, Ill. Pull rod carrier. 2,370,687; Mar. 6.

Rossman, Allen M., Wilmette, Ill. Internal-combustion engine. 2,374,460; Apr. 24.

Rossman, Allen M., Wilmette, Ill. Easel. 2,376,452; May 22.

Rossman, Allen M., Wilmette, Ill. Pull rod carrier. 2,390,177; Dec. 4.

Rossman, Edwin F., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Shock absorber. 2,379,750; July 3.

Rossman, Peter F., Snyder, N. Y. Rivet squeezer and the like. 2,383,082; Aug. 21.

Rossmanith, Wolfgang, Solothurn, Switzerland; vested in the Alien Property Custodian. Automatic shoulder firearm adapted to be used in carriages. 2,376,726; May 22.

Rossmanith, Wolfgang, Solothurn, Switzerland; vested in the Alien Property Custodian. Gun carriage. 2,376,849; May 22.

Rossmanith, Wolfgang, Solothurn, Switzerland; vested in the Alien Property Custodian. High-speed planer. 2,387,612; Oct. 23.

Rossmann, Peter F., Snyder, N. Y., assignor to I. Rossi, West Orange, N. J. Skin fastener. 2,369,410; Feb. 13.

Rossmann, Peter F., Buffalo, N. Y., assignor to Irving Rossi, West Orange, N. J. Clamping device. 2,371,470; Mar. 13.

Rost, Helge F.: *See*—
Söderström, N. M. G., and Rost.

Rostler, Fritz, and L. Bornstein, assignors to Wilmington Chemical Corporation, Wilmington, Del. Coating compositions. 2,371,652; Mar. 20.

Rostone Corporation: *See*—
Jones, P. W., and Swezey, assignors.

Roswell, Charles A., Newburgh, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,384,861; Sept. 18.

Rotary Seal Company: *See*—
Meyer, Walter W., assignor.

Rotax Limited: *See*—
Baines, John A., assignor.
de Guerin, Joseph D. S., assignor.
Hulbert, I. J., and Tatlow, assignors.
Robinson, E. E., and Barrington, assignors.
Tatlow, P., and Hulbert, assignors.

Roten, Henry G., Houston, Tex. Scaffold. 2,383,163; Aug. 21.

Rotermund, Maynard A.: *See*—
Kennedy, H. E., and Rotermund.

Roters, Herbert C., Roslyn, N. Y., assignor to Fairchild Aviation Corporation. Electrical control system. 2,390,463; Dec. 4.

Roth, Andrew, Philadelphia, Pa. Convertible couch. 2,377,374; June 5.

Roth, Augusta, Cleveland, Ohio. Corset-type garment. 2,380,266; July 10.

Roth, Jay M., Euclid, Ohio, assignor to Pesco Products Co. Multiple discharge pump. 2,368,883; Feb. 6.

Roth, Joseph N.: *See*—
Schurts, R. E., and Roth.

Roth, Joseph N., Belding, assignor, by mesne assignments, to Montcalm, Incorporated, Greenville, Mich. Refrigerator. Re. 22,680; Oct. 9.

Roth, Joseph N., Belding, Mich., assignor, by mesne assignments, to Gibson Refrigerator Company, Greenville, Mich. Refrigerator valve. 2,372,684; Apr. 3.

Roth, Murray H., Brooklyn, N. Y., assignor to The Richards Chemical Works, Jersey City, N. J. Compositions for the treatment of fibrous material. 2,372,985; Apr. 3.

Roth, Robert N., Akron, Ohio. Position setting device. 2,369,690; Feb. 20.

Rothauser, Eugene, New York, N. Y. Diamond polishing and grinding device. 2,382,099; Aug. 14.

Rothenberg, Irving, S. Kagen, and S. J. Gurewitz, New York, N. Y.; said Gurewitz assignor to said Kagen and said Rothenberg. Method of and apparatus for fabricating shoulder pad blanks. 2,389,934; Nov. 27.

Rothenthaler, Nicholas E.: *See*—
Sorensen, C. E., McCarroll, and Rothenthaler.

Rotheraine, Jerome H., Philadelphia, Pa. Garment hanger. 2,383,083; Aug. 21.

Rothfuss, John: *See*—
Timm, R. C., and Rothfuss.

Rothrock, Henry S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Catalytic reaction of isocyanates with organic compounds. 2,374,136; Apr. 17.

Rothrock, Henry S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Mixed esters. 2,381,881; Aug. 14.

Rothrock, Henry S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthetic resins and coating compositions containing them. 2,381,884; Aug. 14.

Rothstein, Barney, assignor to Old Fashion Ma's Root Beer Bottling Company, Wilkes-Barre, Pa. Bottle carrier. 2,371,471; Mar. 13.

Rothstein, Jerome, Belmar, N. J. Microphonic electron tube. 2,389,935; Nov. 27.

Rothwell, John J.: *See*—
Houghton, L. S., and Rothwell.

Rothwell, John J., Elkhart, and L. B. Wagner, assignors to Penn Electric Switch Co., Goshen, Ind. Burner control system. 2,367,059; Jan. 9.

Rotol Limited: *See*—
Brierley, Walter, assignor.
Fairhurst, Leonard G., assignor.

Rotor Tool Company, The: *See*—
Emery, William M., assignor.
Sturrock, James, assignor.

Rototiller, Inc.: *See*—
Kelsey, Cadwallader W., assignor.
Iliddle, Raymond R., assignor.

Rott, Frank R., Downers Grove, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Scale printing apparatus. 2,382,174; Aug. 14.

Rotter, Lutwin C., Maplewood, assignor to Lincoln Engineering Company, St. Louis, Mo. Pump mechanism. 2,387,684; Oct. 23.

Rotter, Lutwin C., Maplewood, and V. G. Klein, A. D. Reisert, and R. F. Schneller, assignors to Lincoln Engineering Company, St. Louis, Mo. Pump. 2,366,654; Jan. 2.

Rotter, Lutwin C., Maplewood, and V. G. Klein, assignors to Lincoln Engineering Company, St. Louis, Mo. Swivel joint. 2,378,329; June 12.

Rottman, George, Brooklyn, N. Y. Carton. 2,386,407; Oct. 9.

Rottmer, Henry E., Washington, D. C. Boat gear. 2,368,728; Feb. 6.

Rouan, Francis J.: *See*—
Burckhardt, A., and Rouan.

Rouan, Francis J., assignor to Pitney-Bowes Postage Meter Co., Stamford, Conn. Register actuator. 2,370,919; Mar. 6.

Rouault, George F.: *See*—
Smith, L. I., and Rouault.

Rougemont, René L.: *See*—
Melvin, W. T., and Rougemont.

Rougemont, René L., and J. B. Wilson, assignors to Reed-Prentice Corporation, Worcester, Mass. Milling machine. 2,384,133; Sept. 4.

Roughsedge, Robert H.: *See*—
Gibbs, B. C., and Roughsedge.

Roumillat, Carl H., Neptune Beach, Fla. Collapsible crate. 2,378,505; June 19.

Roumillat, Forest P., Orlando, Fla. Charge forming device. 2,370,261; Feb. 27.

Round, David, & Son: *See*—
Martin, Charles C., assignor.

Roundy, Zola D., Chicago, and H. L. Kell, Clarendon Hills, assignors to Armour and Company, Chicago, Ill. Making cheese. 2,370,878; Mar. 6.

Roundy, Zola D., Chicago, and H. L. Kell, Clarendon Hills, assignors to Armour and Company, Chicago, Ill. Making cheese. 2,370,879; Mar. 6.

Rous, Arthur, New York, N. Y. Carton and carton blank. 2,379,038; June 26.

Rous, Arthur, New York, N. Y. Carton and carton blank. 2,390,392; Dec. 4.
Rouse, Lillian M., assignor to Cohn-Hall-Marx Co., New York, N. Y. Garment. 2,371,778; Mar. 20.
Rouse, William H., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Controller for motor-driven printing presses and other machines. 2,387,358; Oct. 23.
Rousseau, Claude, Montmagny, Quebec, Canada. Combined supporting ring and safety closure device for fire extinguishers. 2,379,378; June 26.
Rousseau, William C., Reading, assignor to E. B. Badger & Sons Co., Boston, Mass. Countercurrent contacting apparatus. 2,378,952; June 26.
Rousso, Jacques: *See*—
Cooper, Earl H., assignor.
Routh, Almond C., Sandusky, Ohio. Apparatus for making flavored confections. 2,389,664; Nov. 13.
Roux, Grace B., Hanford, Calif. Drinking tube holder. 2,378,660; June 19.
Roux, John A., Springdale, Conn., assignor, by mesne assignments, to Rouxite Company. Cellulose derivatives and preparing the same. 2,369,411; Feb. 13.
Rouxite Company: *See*—
Roux, John A., assignor.
Rony, Auguste L. M. A., New York, N. Y., assignor to Gyro-Balance Corporation, Greenwich, Conn. Isostatic balancing. 2,376,277; May 15.
Rover Company Limited, The: *See*—
Scott-Iversen, Poul A., assignor.
Rowe, Alvin V., Galesburg, Ill., assignor to Rowe Manufacturing Company. Overhead door construction. 2,391,845; Dec. 25.
Rowe, Andrew R., McKeesport, assignor to Harbison-Walker Refractories Company, Pittsburgh, Pa. Casting ingot. 2,366,289; Jan. 2.
Rowe, Andrew R., McKeesport, assignor to National Tube Company, Pittsburgh, Pa. Producing steel billets. 2,371,356; Mar. 13.
Rowe, Donald C., Snyder, and S. T. Payne, Kenmore, N. Y., assignors to Curtiss-Wright Corporation. Bomb installation. 2,386,348; Oct. 9.
Rowe, Fred W., Seattle, Wash. Milling machine. 2,373,341; Apr. 10.
Rowe, Irving R., Westerly, R. I., assignor to Davis & Furber Machine Company, North Andover, Mass. Spinning frame. 2,373,263; Apr. 10.
Rowe, Jean E.: *See*—
Rowe, Julian F. and J. E.
Rowe, Julian F. and J. E., Stewart Manor, Long Island, N. Y. Rate of rise circuit contact operating device. 2,388,645; Nov. 6.
Rowe Manufacturing Company: *See*—
Rowe, Alvin V., assignor.
Rowland, Clarence G., Newington, assignor to The Fuller Brush Company, Hartford, Conn. Dabbing brush. 2,367,650; Jan. 16.
Rowland, Forrest D., Dallas, Tex. Composite boat construction. 2,384,966; Sept. 18.
Rowley, Robert D., et al.: *See*—
Seymour, G. W., Martin, and Rowley.
Rowsey, Luther B., Houston, Tex. Oil well pump. 2,366,807; Jan. 9.
Rowsey, Robert A., Gary, Ind. Rotary shear pin drive. 2,388,186; Oct. 30.
Roxs, Frank L., Evanston, Ill. Slip-on interlocking washer and nut securing device. 2,374,309; Apr. 24.
Roy, Albert E., Los Angeles, Calif. Fluid compressor. 2,374,235; Apr. 24.
Roy, Clyde E., Houston, Tex. Hydraulic safety brake system. 2,388,706; Nov. 13.
Roy, Herbert, New York, N. Y. Garment construction. 2,367,843; Jan. 23.
Royal, Celestian L., Toledo, Ohio, assignor to International Minerals & Chemical Corporation. Manufacture of glutamic acid. 2,373,342; Apr. 10.
Royal, James M.: *See*—
Childress, W. C., and Royal.
Royal Lace Paper Works: *See*—
Roehm, William A., assignor.
Royal Mounters: *See*—
Viglietta, Michael J., assignor.
Royal, Robert R: *See*—
Mays, F. R., and Royal.
Royal Typewriter Company, Inc.: *See*—
Kittel, John J., assignor.
Kupper, William H., assignor.
Royer, James T., Mishawaka, Ind., assignor to United States Rubber Company, New York, N. Y. Storage tank. 2,378,159; June 12.
Royer, Leslie W., Pawhuska, assignor to Skelly Oil Company, Tulsa, Okla. Desulphurizing hydrocarbons. 2,379,654; July 3.
Rozesky, Leo F.: *See*—
McMullen, J. Rozesky, and McMullen.
Rozier, Louis J., Kirkwood, assignor to Day-Brite Lighting, Inc., St. Louis, Mo. Electric lighting fixture. 2,375,589; May 8.
Ruau, Félix F., assignor to Moline Machine Company, Limited, Deptford, London, England. Apparatus for feeding cut tobacco. 2,367,060; Jan. 9.
Ruau, Félix F., London S. E. 8, assignor to Moline Machine Company, Limited, London, England. Testing, sorting, or grading apparatus. 2,376,556; May 22.
Rubatex Products, Inc.: *See*—
Cooper, Alfred, assignor.
Pfleumer, Hans, assignor.
Rubel, Charles F., assignor to Union Special Machine Company, Chicago, Ill. Sewing machine. 2,373,418; Apr. 10.
Rubel, Charles F., assignor to Union Special Machine Company, Chicago, Ill. Thread take-up for sewing machines. 2,391,517; Dec. 25.
Rubel, Max J., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Disconnecting contact. 2,376,818; May 22.
Ruben, Samuel: *See*—
Williams, Fred D., Jr., assignor.
Ruben, Samuel, New Rochelle, N. Y. Variable electrical resistor. 2,375,178; May 1.
Ruben, Samuel, New Rochelle, N. Y. Dielectric. 2,378,160; June 12.
Ruben, Samuel, New Rochelle, N. Y. Electrodeposition, method and apparatus. 2,387,772; Oct. 30.
Ruben, Samuel, New Rochelle, N. Y. High frequency ignition system. 2,389,637; Nov. 27.
Ruben, Samuel, New Rochelle, N. Y. Ignition system. 2,389,638; Nov. 27.
Ruben, Samuel, New Rochelle, N. Y. High frequency ignition system. 2,389,640; Nov. 27.
Rubenstein, Jacob H., and L. J. De Martino, Syracuse, N. Y. Starting device for fluorescent tubes. 2,372,295; Mar. 27.
Rubenstein, Samuel S., New Haven, Conn., now by judicial change of name Samuel S. Roberts. Broiler. 2,386,815; Oct. 16.
Rubery Owen & Co. Limited: *See*—
Pedley, Arthur, assignor.
Rubey, William W.: *See*—
Fahey, J. J., Fleischer, and Rubey.
Rubidge, David W., Chatham, N. J., C. B. Manning, Vestal, J. D. Hood, Endicott, N. Y., and J. B. Greene, New Brunswick, N. J., assignors to International Business Machines Corporation, New York, N. Y. Record controlled machine. 2,379,828; July 3.
Rubin, Benjamin, Chicago, Ill. Hair curler. 2,376,385; May 22.
Rubin, Joseph L., New York, N. Y. Hydraulic pile driving apparatus. 2,367,890; Jan. 23.
Rubin, Louis C.: *See*—
Solomon, E., Passino, and Rubin.
Rubin, Martin I.: *See*—
Sobotka, H. H., and Rubin.
Rubin, Morris L., Newark, N. J. Carpet sweeper. 2,371,918; Mar. 20.
Rubin, Noah, assignor to National Plastics Corporation, New York, N. Y. Interlinked plate structure. 2,372,520; Mar. 27.
Rubissow, George A.: *See*—
Arkus-Duntov, Z., and Rubissow.
Masloff, Alexander D., assignor.
Rubissow, George A., New York, N. Y. Damper for flexional vibrations. 2,370,880; Mar. 6.
Rubissow, George A., New York, N. Y. Mirror-sight aiming device. 2,374,956; May 1.
Rubissow, George A., New York, N. Y. Vibration damper. 2,379,255; June 26.
Rubissow, George A., New York, N. Y. Accelerator pedal device. 2,382,918; Aug. 14.
Rubly, William, Indianapolis, Ind. Well casing cap. 2,390,393; Dec. 4.
Rubner, Gustave, Tuckahoe, N. Y. Composition and method for marking base materials. 2,368,161; Jan. 30.
Rucker, John T.: *See*—
Sconce, J. S., Rucker, Whitmire, and Schoonover.
Rudd, Wallace C., Yonkers, assignor to Induction Heating Corporation, New York, N. Y. High-frequency power transformer. 2,366,290; Jan. 2.
Rudd, Wallace C., Yonkers, assignor to Induction Heating Corp., New York, N. Y. Cooling system for vacuum tubes. 2,383,620; Aug. 28.
Rudel, Harry W., Roselle Park, N. J., assignor to Standard Oil Development Company. Stabilization of organo-metallic agents. 2,378,796; June 19.
Rudert, Frank J., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Production of riboflavin by biochemical methods. 2,374,503; Apr. 24.
Rudkin, Henry A.: *See*—
Stephens, Thomas J.
Rudnick, Benjamin, Huntington, N. Y., assignor to Republic Aviation Corporation. Photomechanical negative. 2,383,566; Aug. 28.
Rudnick, Benjamin, Huntington, N. Y., assignor to Republic Aviation Corporation. Making negatives for line reproduction. 2,383,567; Aug. 28.
Rudnick, Benjamin, Huntington, N. Y., assignor to Republic Aviation Corporation. Light stencil and making same. 2,383,568; Aug. 28.
Rudolph, Hans A.: *See*—
Dawsey, L. H., and Rudolph.
Rudolph, Jack H., De Kalb, Ill. Skirt construction. 2,388,341; Nov. 6.
Rudolph, Oscar J., assignor to Union Asbestos & Rubber Company, Chicago, Ill. Insulating tape. 2,366,291; Jan. 2.
Rudolph, Paul J.: *See*—
Rogers, S. D., Rudolph, and Crawford.

Rudolph, Sidney J., Pittsburgh, Pa. Receptacle and closure means therefor. 2,370,997; Mar. 6.
Rudrow, Frank S., and K. N. Mills, Tulsa, Okla., assignors to Bethlehem Steel Company. Sucker rod wrench. 2,373,054; Apr. 3.
Rudy, Hermann, and R. Wutzel, Mannheim, Germany; vested in the Alien Property Custodian. Condensation of phenols with sulphite waste liquor. 2,385,586; Sept. 25.
Rueb, Theodore O., Chicago, Ill. Taper gauge. 2,380,792; July 31.
Ruecker, Ernest C., Marquette, Mich. Snowshoe slipper. 2,385,944; Oct. 2.
Rueckert, Dean E.: *See*—
Lohner, C. L., and Rueckert.
Ruedebush, Richard A., Belmont, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Splitting operation. 2,374,826; May 1.
Ruedrich, Paul M.: *See*—
Lazar, A., Ruedrich, and Frazier.
Ruedrich, Paul M., Berkeley, assignor to Tide Water Associated Oil Company, San Francisco, Calif. Compounded oil and preparing the same. 2,367,435; Jan. 16.
Ruettiger, Justin, New York, N. Y. Mouthpiece for cornets. 2,374,453; May 22.
Ruf-Buchhaltung Aktiengesellschaft: *See*—
Hegnauer, Paul, assignor.
Ruff, Artbur G., and A. P. Buer, Cincinnati, Ohio. Cart. 2,371,472; Mar. 13.
Ruf, Herman P., New York, N. Y. Multiple winding and spooling device. 2,390,223; Dec. 4.
Ruge, Arthur C., Cambridge, Mass., assignor to The Baldwin Locomotive Works. Strain gauge with thermal current control. Re. 22,580; Jan. 9.
Ruge, Arthur C., Cambridge, Mass., assignor to The Baldwin Locomotive Works. Temperature compensated gauge. 2,390,038; Nov. 27.
Ruger, Kenneth A., Portland, Oreg., and B. Hilton, Tacoma, Wash. Hydraulic floor crane. 2,389,872; Nov. 27.
Ruger, William B., Greensboro, N. C. Machine gun. 2,388,291; Nov. 6.
Ruger, William B., Westport, assignor to Maguire Industries, Incorporated, Bridgeport, Conn. Firing mechanism. 2,388,443; Nov. 6.
Rugg, Edward H., Bridgeport, Conn., assignor to General Electric Company. Outlet box arrangement for electrical wiring system. 2,374,622; Apr. 24.
Rugg, Edward H., Bridgeport, Conn., assignor to General Electric Company. Outlet box support. 2,380,793; July 31.
Rugg, Harold H., Wilkinsburg, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Metal enclosed switchgear. 2,379,188; June 26.
Rugge, Raymond: *See*—
Page, G. A., Jr., Jerger, Rugge, and Watson.
Ruggeri, Peter, Odell, Ill. Tie lifter. 2,374,705; May 1.
Ruggles-Klingemann Mfg. Co.: *See*—
Kimball, James L., assignor.
Ruggli, Paul, and A. Buslinger, Basel, Switzerland, assignors to Hoffmann-La Roche Inc., Nutley, N. J. Manufacture of β-alanin. 2,367,436; Jan. 16.
Rugh, Robert H.: *See*—
Wensel, P., Whisner, and Rugh.
Ruhl, Charles L., Dallas, Tex. Gas generating burner. 2,386,978; Oct. 16.
Ruhme, Carl P., Minneapolis, Minn. Ski. 2,382,335; Aug. 14.
Ruigh, William L., Princeton, N. J., assignor to E. R. Squibb & Sons, New York, N. Y. Chemical compounds. 2,378,435; June 19.
Ruist, John T.: *See*—
Gothberg, K. E. A., Ruist, and Thoren.
Rule, Bruce H.: *See*—
Irwin, E. M., Lewis, Duval, Rule, and Chenoweth.
Rulfs, Edward A., Los Angeles, Calif. Amusement device. 2,375,692; May 8.
Rumbaugh, Hugh M., Pittsburgh, Pa. Ironing machine. 2,368,046; Feb. 6.
Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Textile finishing material. 2,368,782; Feb. 6.
Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Refining polymerized rosin esters. 2,369,109; Feb. 6.
Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Terpene resins. 2,370,688; Mar. 6.
Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Terpene derivatives. 2,370,689; Mar. 6.
Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Terpene derivatives. 2,373,343; Apr. 10.
Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Polymerized acyclic terpenes and production. 2,373,419; Apr. 10.
Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Boron fluoride recovery. 2,374,957; May 1.
Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Boron fluoride recovery. 2,374,958; May 1.
Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Terpene derivatives. 2,378,435; June 19.
Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Terpene resins. 2,378,794; June 19.
Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Terpene derivatives. 2,379,039; June 26.
Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Terpene resins. 2,383,084; Aug. 21.
Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Terpene resins. 2,384,400; Sept. 4.
Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Saturated terpene resins. 2,386,063; Oct. 2.
Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Pyrolysis of pinane. 2,388,084; Oct. 30.
Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Terpene ethers. 2,388,765; Nov. 13.
Runcie, Walter O., Lima, Peru. Built-in lens capping mechanism. 2,390,464; Dec. 4.
Runcie, Walter O., and G. M. Keczell, Lima, Peru. Darning attachment for sewing machines. 2,390,329; Dec. 4.
Runciman, George: *See*—
Burke, J. R., Worthington, and Runciman.
Rundell, Rupert E., Rockville Centre, N. Y., assignor to International Cigar Machinery Company. Handling filler tobacco for cigar machines. 2,378,953; June 26.
Rundell, Rupert E., Rockville Centre, N. Y., assignor to American Machine and Foundry Company. Bowling pin setting machine control mechanism. 2,383,017; Aug. 21.
Rundell, Rupert E., Rockville Centre, N. Y., assignor to American Machine and Foundry Company. Bowling pin setter. 2,388,707; Nov. 13.
Rundell, Rupert E., Rockville Centre, N. Y., assignor to American Machine and Foundry Company. Pin setter for bowling alleys. 2,388,708; Nov. 13.
Rundell, Theodore W., Abington, assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Automatic ice maker. 2,376,819; May 22.
Rundell, Theodore W., Abington, assignor, by mesne assignments, to Philco Radio and Television Corporation, Philadelphia, Pa. Plastic ice tray grid. 2,386,979; Oct. 16.
Runk, William B.: *See*—
DeWitt, W. J., Ott, and Runk.
Runke, Glenn R., Racine, assignor to Line Material Company, Milwaukee, Wis. Switch construction. 2,388,620; Nov. 6.
Runquist, Ernest M., and L. A. Ederer, assignors to R. J. Ederer Company, Chicago, Ill. Machine drive and control. 2,387,185; Oct. 16.
Runyan, Charles, Great Meadows, N. J. Trailer vehicle. 2,383,216; Aug. 21.
Runyon, Clinton A., Jr., Chicago, Ill. Clarinet attachment. 2,390,275; Dec. 4.
Rupe, William B., Louisville, Ky. Therapeutic appliance. 2,378,795; June 19.
Rupp, Edwin, Minot, N. Dak. Cutter chain. 2,389,936; Nov. 27.
Rupp, John L., Williamsville, N. Y., assignor to National Battery Company, St. Paul, Minn. Storage battery for aircraft. 2,379,189; June 26.
Ruppe, Hugo, Berlin, Germany; vested in the Alien Property Custodian. Internal-combustion engine. 2,374,959; May 1.
Ruppel, Frederick H., Pasadena, Calif. Lattice mat. 2,369,412; Feb. 13.
Rush, Henri, St. Louis, Mo. Portable park bench. 2,374,837; May 1.
Rush, John F., Morgantown, assignor to Sealco By-Products Company, Bluefield, W. Va. Carbonaceous char. 2,378,246; June 12.
Rush, John W., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Control valve device. 2,367,618; Jan. 16.
Rush, Ralph M.: *See*—
Henderson, D., Rush, and Anderson.
Rushing, Frank C., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical measuring device. 2,367,965; Jan. 23.
Rushing, Fred L.: *See*—
Williams, B. M., and Rushing.
Rushton, Eugene R., Florence, Ala., assignor to Tennessee Valley Authority. Separating protein from waste material. 2,379,929; July 10.
Ruska, Ernst, and H. Schuchmann, Berlin-Spandau, H. Ruska, Berlin-Nikolassee, and H. O. Müller, Berlin-Spandau, Germany; vested in the Alien Property Custodian. Electronic microscope. 2,370,373; Feb. 27.
Ruska, Helmut: *See*—
Ruska, E., Schuchmann, Ruska, and Müller.
Ruska, Walter E. A.: *See*—
McDonald, J. S., and Ruska.
Ruskin, Simon L.: *See*—
Korn, A., Hess, and Ruskin.

Russel, Phillip S., assignor to Detroit Lubricator Company, Detroit, Mich. Control device. 2,378,883; June 19.

Russell, Albert J., New York, N. Y. Device for automatically preventing motor vehicles from rolling back on grades. 2,379,829; July 3.

Russell, Alexander G., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Electrolytic method of coating localized areas of articles. 2,367,314; Jan. 16.

Russell, Alexander, M. Parker, and R. A. Harris, assignors to The Forgrove Machinery Company Limited, Leeds, England. Mechaniam for feeding wrappers from a stack. 2,374,838; May 1.

Russell, Alexander, M. Parker, and R. A. Harris, assignors to The Forgrove Machinery Company Limited, Leeds, England. Mechanism for adjusting the stroke of a reciprocating or oscillating member, such as a die plunger in an extrusion or molding press. 2,375,693; May 8.

Russell, Alexander, M. Parker and R. A. Harris, assignors to The Forgrove Machinery Company Limited, Leeds, England. Machine for wrapping plastic materials. 2,379,655; July 3.

Russell, Arthur L., Boston, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Lasting shoes. 2,373,264; Apr. 10.

Russell, Charles P., Dayton, Ohio, assignor to Chrysler Corporation, Detroit, Mich. Condensing unit. 2,367,801; Jan. 23.

Russell, Dorothy A., New York, N. Y. Article of luggage. 2,370,492; Feb. 27.

Russell, Francis R., Westfield, N. J., assignor to Standard Oil Development Company. Packing gland for stirrer shafts. 2,374,960; May 1.

Russell, Francis R., Elizabeth, N. J., assignor to Standard Oil Development Company. Compressing gases and utilising the same. 2,379,751; July 3.

Russell, Frank E.: *See—*
Lovell, S. P., and Russell.

Russell, Frank J.: *See—*
Charbonneau, A. P., Russell, and Seeger.

Russell, George B.: *See—*
Woodberry, J. H., and Russell.

Russell, George F.: *See—*
Mann, J. W., and Russell.

Russell, Harlow M.: *See—*
Sidebotham, Melvin H., assignor.

Russell, Harlow M., et al.: *See—*
Hoag, Roderick W., assignor.

Russell, Harold D., assignor to Eastman Kodak Company, Rochester, N. Y. Thiosalicylic acid antifoggant. 2,377,375; June 5.

Russell, Harold D., Eastman Kodak Company, Rochester, N. Y. Concentrated liquid hardeners and preparing. 2,378,247; June 12.

Russell, Harold D., and L. E. Muehler, assignors to Eastman Kodak Company, Rochester, N. Y. Photographic art. 2,378,248; June 12.

Russell, Herbert H., assignor to The Greist Manufacturing Company, New Haven, Conn. Sewing machine attachment. 2,389,745; Nov. 27.

Russell, Howard W., and C. F. Lucks, Columbus, assignors, by mesne assignments, to Anchor Hocking Glass Corporation, Lancaster, Ohio. Apparatus for recording temperature. 2,377,376; June 5.

Russell, John D., Cranberry Township, Venango County, Pa., assignor to Joy Manufacturing Company. Flight and link connector. 2,381,519; Aug. 7.

Russell, John K., W. B. Collins, and W. W. Boggs, Los Angeles, Calif. Oil purifier. 2,369,857; Feb. 20.

Russell, John K., assignor to Luber-Finer, Inc., Los Angeles, Calif. Liquid purifier. 2,381,141; Aug. 7.

Russell, Joseph W., assignor to Nashua Manufacturing Company, Nashua, N. H. Thickness measuring device. 2,383,742; Aug. 28.

Russell, Kenneth F., and G. H. Hopkins, assignors to H. H. and B. A. Garner, Claremont, Calif., joint tenants. Air cleaner. 2,384,699; Sept. 11.

Russell, Leslie W., assignor to Solar Aircraft Company, San Diego, Calif. Nibbler. 2,385,587; Sept. 25.

Russell, Loren, assignor to Vita-Meter Corporation, New York, N. Y. Supplementary fuel injection control structure. 2,388,085; Oct. 30.

Russell Manufacturing Company, The: *See—*
Brownlow, D. B., and Feulner, assignors.
Hendley, James A., assignor.

Russell, Mike, Bayonne, N. J. Clearing pipe systems. 2,371,188; Mar. 13.

Russell, Patrick J., Dublin, Eire. Folding stool. 2,366,560; Jan. 2.

Russel, Philip S., assignor to Detroit Lubricator Company, Detroit, Mich. Liquid supplying means. 2,377,185; May 29.

Russel, Philip S., assignor to Detroit Lubricator Company, Detroit, Mich. Liquid level controlling means. 2,387,858; Oct. 30.

Russell, Ralston, Jr., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Glazed ceramics. 2,389,386; Nov. 20.

Russell & Sidebotham: *See—*
Hoag, Roderick W.

Russell, Stanley D., assignor to J. I. Case Company, Racine, Wis. Pickup. 2,378,107; June 12.

Russell, Stanley D., Racine, Wis., assignor to J. I. Case Company. Pickup baler. 2,381,620; Aug. 7.

Russell, Victor J. S., assignor to S. Smith & Sons (England), Limited, London, England. Electric alarm clock. 2,391,800; Dec. 25.

Russell, William W.: *See—*
Huey, H. I., and Russell.

Russey, Edward S., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Automatic interlock. 2,366,655; Jan. 2.

Russo, Florence, New York, N. Y. Undergarment. 2,390,405; Dec. 4.

Russow, Marshall A., et al.: *See—*
Carter, Hobart E., assignor.

Rust, David J., assignor to Ry-Lock Company, Ltd., San Leandro, Calif. Frameless window screen. 2,372,912; Apr. 3.

Rust, David J., assignor to Ry-Lock Company, Ltd., San Leandro, Calif. Tensioning and locking device for frameless window screens. 2,380,794; July 31.

Rust, Frederick F.: *See—*
Evans, T. W., Vaughan, and Rust.
Raley, J. H., and Rust.
Vaughan, W. E., and Rust.

Rust, Frederick F., and W. E. Vaughan, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Controlled oxidation of alicyclic hydrocarbons and of their derivatives. 2,369,181; Feb. 13.

Rust, Frederick F., and W. E. Vaughan, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Controlled oxidation of unsaturated organic compounds. 2,369,182; Feb. 13.

Rust, Frederick F., Berkeley, Calif., and E. R. Bell, Norwalk, Ohio, assignors to Shell Development Company, San Francisco, Calif. Catalyst separation in hydrogen bromide catalyzed oxidation reactions. 2,380,675; July 31.

Rust, Frederick F., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Recovery of organic peroxides. 2,383,919; Aug. 28.

Rust, John B.: *See—*
Hessel, F. A., and Rust.
Joy, H. V., and Rust.

Rust, John B., Verona, N. J., assignor to Ellis-Foster Company. Textile sizing compositions and making them. 2,386,144; Oct. 2.

Rust, John B., Verona, N. J., assignor to Montclair Research Corporation. Glyoxal-ketone condensation products and making them. 2,388,086; Oct. 30.

Rust, John B., West Orange, and L. Spialter, Irvington, N. J., assignors to Montclair Research Corporation. Proteinaceous surface active agents and making same. 2,373,602; Apr. 10.

Rust, John B., West Orange, and L. Spialter, Irvington, N. J., assignors to Montclair Research Corporation. Proteinaceous wetting agents and making them. 2,373,603; Apr. 10.

Rust, Schuyler H., et al.: *See—*
Blaes, Edward G., assignor.

Rustless Iron and Steel Corporation: *See—*
Clingan, Irvine C., assignor.
Feild, Alexander L., assignor.
Goller, George N., assignor.
Loveless, Donald L., assignor.
Schaufus, Henry S., assignor.

Rusz, Leo M., assignor to Oxford-Tartak Radio Corporation, Chicago, Ill. Cable clamp. 2,369,413; Feb. 13.

Rusznyak, Geza G.: *See—*
Williams, F. A., and Rusznyak.

Rutan, Earl F., Mansfield, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Heating apparatus. 2,384,262; Sept. 4.

Ruthell, Clarence C., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Cam fixture. 2,385,030; Sept. 18.

Ruth, Arthur P., Houston, Tex. Automatic air volume control. 2,384,770; Sept. 11.

Ruth, James A., High Point, N. C. Knitting machine attachment. 2,389,688; Nov. 27.

Ruth, Roger A., assignor to Eastman Kodak Company, Rochester, N. Y. Trimmer. 2,378,249; June 12.

Ruth, Roger A., assignor to Eastman Kodak Company, Rochester, N. Y. Print trimming gauge. 2,380,267; July 10.

Ruther, Frank R., Whittier, Calif. Splint support. 2,376,507; May 22.

Rutherford, Frost B., and J. Van Vulpen, assignors to Vapor Car Heating Company, Inc., Chicago, Ill. Radiator valve. 2,389,387; Nov. 20.

Rutherford, Homer M., Centralia, Ill. Drilling rate recorder. 2,390,178; Dec. 4.

Rutherford, John T.: *See—*
Farrington, B. B., Clayton, and Rutherford.

Rutherford, Peter B., and D. R. Luster, Herkimer, N. Y., assignors to Remington Arms Company, Inc., Bridgeport, Conn. Grenade launcher. 2,390,738; Dec. 11.

Rutherford, Robert E.: *See—*
Koch, S. J., and Rutherford.

Rutherford, Robert E., Rutherford, assignor to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Deflecting plates for cathode ray tubes. 2,391,273; Dec. 18.

Rutherford Trust Co., administrator: *See—*
Hollstein, Paul.

Ruthruff, Robert F., Chicago, Ill. Catalytic processes for converting hydrocarbons. 2,366,217; Jan. 2.

Ruthruff, Robert F., Chicago, Ill. Catalytic combination process. 2,366,218; Jan. 2.

Ruthruff, Robert F., Chicago, Ill. Manufacture of diolefins. 2,367,530; Jan. 16.

Ruthruff, Robert F., Chicago, Ill. Preparation of catalysts. 2,371,069; Mar. 6.

Ruthruff, Robert F., Chicago, Ill. Catalysts and preparation thereof. 2,377,577; June 5.

Ruthruff, Robert F., Chicago, Ill. Catalytic polymerization of unsaturated organic compounds. 2,379,656; July 3.

Ruthruff, Robert F., Chicago, Ill. Hydrocarbon conversion process. 2,382,100; Aug. 14.

Ruthruff, Robert F., Chicago, Ill. Catalytic cracking of partially oxidized hydrocarbons. 2,390,556; Dec. 11.

Ruthruff, Robert F., Chicago, Ill., assignor to Process Management Company, Inc., New York, N. Y. Silica chromium oxide catalytic materials. 2,382,581; Aug. 14.

Ruthruff, Robert F., Chicago, Ill., assignor to Process Management Company, Inc., New York, N. Y. Hydrocarbon conversion with silica chromium oxide catalysts. 2,382,582; Aug. 14.

Ruthruff, Robert F., Chicago, Ill., assignor of one-half to The M. W. Kellogg Company, Jersey City, N. J., and one-half to Process Management Company, Inc., Wilmington, Del. Conversion of hydrocarbons. 2,391,481; Dec. 25.

Ruthruff, Robert F., Chicago, Ill., assignor of one-half to The M. W. Kellogg Company, Jersey City, N. J., and one-half to Process Management Company, Inc., Wilmington, Del. Treatment of hydrocarbons. 2,391,482; Dec. 25.

Ruthruff, Robert F., Nutley, N. J., assignor to The M. W. Kellogg Company, New York, N. Y. Conversion of hydrocarbons. 2,372,018; Mar. 20.

Ruthven, Albert F., assignor to Ruthven Side-Pocket Dam Corporation, Lincoln, Nebr. Pump. 2,371,846; Mar. 20.

Ruthven Side-Pocket Dam Corporation: *See—*
Ruthven, Albert F., assignor.

Ruthy, Louis C.: *See—*
Behrendt, J. G., and Ruthy.

Rutishauser, Arnold, Zollikon, near Zurich, assignor to "Rapid" Motormaker A. G., Zurich, Switzerland. Motor-carrying ground miller devoid of driving wheel means. 2,375,137; May 1.

Rutkowski, Joseph J.: *See—*
Dearstyne, L., and Rutkowski.

Rutledge, John W., Early, Iowa. Lift for tractor buck rakes. 2,373,710; Apr. 17.

Rutledge, Robert E., assignor to Sutherland Paper Company, Kalamazoo, Mich. Cellular carton. 2,374,382; Apr. 24.

Rutter, Alvah E., Rockford, assignor to J. I. Case Company, Racine, Wis. Plow hitch. 2,369,984; Feb. 20.

Rutter, Alvah E., Rockford, Ill., assignor to J. I. Case Company, Racine, Wis. Disk harrow. 2,377,521; June 5.

Rutter, Alvah E., Rockford, Ill., assignor to J. I. Case Company, Racine, Wis. Dump rake. 2,380,190; July 10.

Ruttiman, Alfred, assignor to Harrington & Richardson Arms Company, Worcester, Mass. Handcuff. 2,388,766; Nov. 13.

Ruys, Jan D., Pittsburg, and A. Wachter, assignors to Shell Development Company, San Francisco, Calif. Ferrous metal pickling bath and preparing same. 2,382,336; Aug. 14.

Ruysdael, Basil, assignor of one-half to L. M. Rabinowitz, New York, N. Y. Dividing mechanism. 2,386,145; Oct. 2.

Ruzicka, John W., Glen Ellyn, Ill. Shaft seal. 2,368,380; Jan. 30.

Ruzicka, Leopold, Zurich, Switzerland, assignor to Ciba Pharmaceutical Products, Incorporated, Summit, N. J. Lactones and making same. 2,386,749; Oct. 16.

Ruzicka, Leopold, Zurich, and A. Wettstein, Basel, Switzerland, assignors to Ciba Pharmaceutical Products Incorporated, Summit, N. J. Derivatives of saturated and unsaturated androstane-diols-(3:17). 2,387,469; Oct. 23.

Ryall, George D., Los Angeles, Calif. Safety razor blade hone. 2,375,251; May 8.

Ryan Aeronautical Company, The: *See—*
Boyd, Millard C., assignor.

Ryan, Albert O., River Edge, assignor to Federal Telephone and Radio Corporation, Newark, N. J. Cable forming apparatus. 2,369,858; Feb. 20.

Ryan, Albert O., River Edge, assignor to Federal Telephone and Radio Corporation, Newark, N. J. Cable forming apparatus. 2,372,162; Mar. 20.

Ryan, Albert O., River Edge, N. J., assignor to Federal Telephone & Radio Corporation, New York, N. Y. Insulated electric conductor. 2,381,003; Aug. 7.

Ryan, Alden H., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Two-cylinder short-wave resonator apparatus. 2,383,343; Aug. 21.

Ryan, Alfred, assignor to The Ioco Rubber and Waterproofing Company Limited, Glasgow, Scotland. Covering material for aircraft frame structures and the like and producing the same. 2,384,771; Sept. 11.

Ryan, Arthur M., San Mateo, Calif. Display sign. 2,388,646; Nov. 6.

Ryan, Commodore D.: *See—*
Sager, F. P., and Ryan.
Sager, F. P., Bergmark, Ryan, and Atherton.

Ryan, Commodore D., Los Angeles, Calif., assignor to Commercial Controls Corporation. Water-supply system for envelope sealing machines. 2,369,314; Feb. 13.

Ryan, Commodore D., Los Angeles, Calif., assignor to Commercial Controls Corporation. Apparatus for moistening gummed articles. 2,372,742; Apr. 3.

Ryan, Commodore D., Los Angeles, Calif., assignor to Commercial Controls Corporation. Clutch. 2,374,839; May 1.

Ryan, Commodore D., and E. P. Drake, Los Angeles, Calif., assignors to Commercial Controls Corporation. Mail treating machine. 2,377,522; June 5.

Ryan, Commodore D., Los Angeles, and F. P. Sager, Alhambra, Calif., assignors to Commercial Controls Corporation. Mail treating machine. 2,377,523; June 5.

Ryan, Commodore D., and E. P. Drake, Los Angeles, Calif., assignors to Commercial Controls Corporation. Printing machine. 2,380,331; July 10.

Ryan, Commodore D., Los Angeles, Calif., assignor to Commercial Controls Corporation. Apparatus for feeding and ejecting envelopes. 2,389,551; Nov. 20.

Ryan Floating Stacker Company: *See—*
Ryan, John E., assignor.

Ryan, John D.: *See—*
Erickson, A. M., and Ryan.

Ryan, John E., assignor to Ryan Floating Stacker Company, Stuart, Iowa. Loading machine. 2,383,686; Aug. 28.

Ryan, John E. L., Danbury, Conn. Composition sole and making same. 2,386,269; Oct. 9.

Ryan, Joseph D., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Producing laminated glass structures. 2,374,010; Apr. 17.

Ryan, Joseph D., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Plastic compositions and articles made therefrom. 2,375,388; May 8.

Ryan, Joseph D., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Manufacture of laminated safety glass. 2,386,980; Oct. 16.

Ryan, Joseph D., Toledo, Ohio, and F. B. Shaw, Jr., Baltimore, Md., assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Polyvinyl ketal acetal resin. 2,388,802; Nov. 13.

Ryan, Lester R.: *See—*
White, P. W., and Ryan.

Ryan, Lonnie W., Westfield, N. J., and H. L. Sanders, assignors to Interchemical Corporation, New York, N. Y. Manufacture of pigments. 2,388,659; Nov. 6.

Ryan, Thomas J.: *See—*
Ashley, M. F., and Ryan.

Ryan, Victor A.: *See—*
Cooke, G. B., and Ryan.

Ryan, William J., Wilmington, and M. T. Kendall, Long Beach, Calif., assignors to The Texas Company, New York, N. Y. Acid-treating a thermally cracked petroleum distillate. 2,388,087; Oct. 30.

Ryan, William, Jr., University City, and A. C. Ratermann, St. Louis, Mo.: said Ratermann assignor to said Ryan, Jr. Refrigerating system for motor vehicles. 2,382,667; Aug. 14.

Ryba, Anton, Bolzano, Italy; vested in the Alien Property Custodian. Electromagnetic multiple-disk clutch. 2,378,108; June 12.

Ryba, Anton, Bolzano, Italy; vested in the Alien Property Custodian. Electromagnetic multiple-disk clutch. 2,387,613; Oct. 23.

Ryberg, Gustaf H., Brooklyn, N. Y., assignor to Ryco Laboratories, Inc., New York, N. Y. Package. 2,379,657; July 3.

Ryco Laboratories, Inc.: *See—*
Ryberg, Gustaf H., assignor.

Rydberg, Fred A., Seattle, Wash. Construction design and shrink joint for ships. 2,390,330; Dec. 4.

Ryde, John W.: *See—*
Espley, D. C., and Ryde.

Ryder, Charles D., Covington, assignor to The Grote Manufacturing Company, Bellevue, Ky. Mechanical nut. 2,383,164; Aug. 21.

Rydh, Carl J. E., Virserum, Sweden. Vehicle. 2,367,142; Jan. 9.

Ryerson & Haynes, Inc.: *See—*
Snell, Samuel A., assignor.

Ryhagen, Stig R.: *See—*
Carlberg, P. A., Hard af Segerstad, and Ryhagen.

Rykken, Leon H., Mayville, N. Dak. Low-pressure tire alarm. 2,368,617; Feb. 6.

Rylander, Thor A., and E. N. Alley, Jr., Newcastle, N. H. Mechanical roster chart. 2,376,386; May 22.

Ry-Lock Company, Ltd.: *See—*
Rust, David J., assignor.

Rylsky, Gregory V., New York, N. Y., assignor to Bendix Aviation Corporation, Bendix, N. J. Liquid level. 2,369,802; Feb. 20.

Rypinski, Albert B., Laurelton, assignor to Metropolitan Device Corporation, Brooklyn, N. Y. Circuit breaker. 2,389,999; Nov. 27.

S K F Industries, Inc.: *See*—
Benson, Carl N., assignor.
Björklund, G. A., and Törnebohm, assignors.
Gothberg, K. E. A., Ruist, and Thoren, assignors.

S. M. A. Corporation: *See*—
Karabinos, J. V., Eckhardt, and Patterson, assignors.
Patterson, W. I., and Williamson, assignors.

S & S Corrugated Paper Machinery Co., Inc.: *See*—
Cohen, Harry L., assignor.
Hess, Charles, assignor.
Jacobson, Charles, assignor.

S. & S. Products Company, The: *See*—
Nitschman, George H., assignor.

S. & Z. Manufacturing Company, Inc.: *See*—
Samuelson, O. H., and Zappia, assignors.

Saalbach, Arthur A., East Orange, N. J., assignor to American Can Company, New York, N. Y. Can closing machine. 2,383,513; Aug. 28.

Saas, James T., Rocky River, Ohio. Plating fixture 2,372,296; Mar. 27.

Saas, James T., Rocky River, Ohio. Plating fixture. 2,372,297; Mar. 27.

Sabina, John R.: *See*—
Korb, E. L., and Sabina.

Sabner, Mark, London, W. 1, England. Making ramie yarn. 2,371,573; Mar. 13.

Sabo, Louis, Astoria, assignor to H. B. Delman, New York, N. Y. Cutting device. 2,368,571; Jan. 30.

Sabo, Louis, Astoria, assignor to H. B. Delman, New York, N. Y. Machine for forming heel flaps. 2,372,122; Mar. 20.

Sabo, Louis, Astoria, assignor to H. B. Delman, New York, N. Y. Ornamental shoe and making the same. 2,383,514; Aug. 28.

Sabo, Louis, Astoria, assignor to H. B. Delman, New York, N. Y. Cutting device for forming ornamented breast heel flaps. 2,383,515; Aug. 28.

Sabol, Ernest J., Norfolk, Va., assignor to The American Steel and Wire Company of New Jersey. Rail bond and making the same. Re. 22,599; Feb. 6.

Sacchini, Columbus R., Euclid, assignor to The Marquette Metal Products Company, Cleveland, Ohio. Windshield wiper unit. 2,376,011; May 15.

Sacchini, Columbus R., Euclid, assignor to The Marquette Metal Products Company, Cleveland, Ohio. Driving arm mechanism. 2,376,012. May 15.

Sacchini, Columbus R., Euclid, assignor to The Marquette Metal Products Company, Cleveland, Ohio. Motion effecting mechanism. 2,376,013; May 15.

Sacchini, Columbus R., Euclid, and L. N. Vandervoort, assignors to The Marquette Metal Products Company, Cleveland, Ohio. Hydraulic motor mechanism. 2,376,009; May 15.

Sacchini, Columbus R., Cleveland, and W. Waterman, Shaker Heights, assignors to The Acrotorque Company, Cleveland, Ohio. Windshield wiper mechanism. 2,376,010; May 15.

Sachanen, Alexander N.: *See*—
Caesar, P. D., and Sachanen.

Sachanen, Alexander N., and P. D. Caesar, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Catalysis. 2,376,506; May 22.

Sachanen, Alexander N., Woodbury, and P. D. Caesar, Wenonah, N. J., assignors, to Socony-Vacuum Oil Company, Incorporated. Catalytic isomerization. 2,376,509; May 22.

Sachs, Alfred H.: *See*—
Schutz, N. R., and Dubitsky, assignors.

Sackerson, Charles M., Cleveland, Ohio, assignor to The American Steel and Wire Company of New Jersey. Base for metallurgical furnaces and the like. 2,369,756; Feb. 20.

Sackett, A. J., & Sons Company, The: *See*—
Sackett, Walter J., assignor.

Sackett, Herbert S., Windom, Minn. Boat trailer. 2,388,870; Nov. 13.

Sackett, Walter J., assignor to The A. J. Sackett & Sons Company, Baltimore, Md. Fertilizer mixing and distributing plant. 2,370,077; Feb. 20.

Sacks, Charles H., Brooklyn, N. Y. Building construction. 2,390,179; Dec. 4.

Saco-Lowell Shops: *See*—
Cotchett, Louis M., assignor.
Goldman, Maurice A., assignor.
Gwaltney, Eugene C., assignor.
Gwaltney, E. C., and Marsh, assignors.
Jones, Robert M., assignor.
Rabasa, Joseph, assignor.
Tarr, Roderic D., assignor.

Saddington, Arthur W., Syracuse, assignor to The Solvay Process Company, New York, N. Y. Manufacture of sodium hydrosulphides. 2,376,435; May 22.

Sadger, Adolf: *See*—
Lorant, H. J., and Sadger.

Sadler, Charles W., Essex, Conn. Clutch. 2,372,123; Mar. 20.

Sadowsky, Charles, New York, N. Y. Navigation instrument. 2,377,805; June 12.

Sadtler, Robert E., Ridley Park, Pa., assignor of one-fourth to W. W. Underwood, Jr., Cleveland, Ohio, and three-fourths to Atlas Powder Company, Wilmington, Del. Mineral fortification of foodstuffs. 2,371,189; Mar. 13.

Safety Car Heating and Lighting Company, Inc., The: *See*—
Hulse, George E., assignor.
Kennedy, John J., assignor.

Safety-Fuel Incorporated: *See*—
Lalliberte, Albert J., assignor.

Safety Vulcanizer Company: *See*—
Chambers, Perry O., assignor.

Safeway Stores, Inc.: *See*—
Sneed, R. C., and Jordan, assignors.

Saffady, Thomas F., Detroit, Mich. Valve. 2,371,548; Mar. 13.

Saffady, Thomas F., Detroit, Mich. Electric iron hand grip. 2,384,642; Sept. 11.

Saffady, Thomas F., Detroit, Mich. Electric iron. 2,382,101; Aug. 14.

Saffady, Thomas F., Detroit, Mich. Electrically heated knife. 2,386,409; Oct. 9.

Saffert, George J., New Ulm, Minn. Apparatus for holding an anchor in a mold. 2,366,456; Jan. 2.

Safir, Jacob A., Chicago, Ill., assignor to The Dentists' Supply Company of New York, New York, N. Y. Artificial tooth. 2,380,466; July 31.

Safir, Jacob A., Chicago, Ill., assignor to The Dentists' Supply Company of New York, New York, N. Y. Making artificial teeth. 2,391,106; Dec. 18.

Safir, Sidney E.: *See*—
Carlson, G. H., and Safir.

Safford, Lewis A., Watertown, N. Y., assignor to The New York Air Brake Company. Sander. 2,386,006; Oct. 2.

Safford, Moyer M., Schenectady, N. Y., assignor to General Electric Company. Vinyl resin compositions. 2,369,965; Feb. 20.

Safford, Moyer M., Schenectady, N. Y., assignor to General Electric Company. High-frequency transmission line. 2,379,318; June 26.

Safrin, Leopold, Philadelphia, Pa., assignor to Wilson & Co., Inc. Soap composition. 2,388,767; Nov. 13.

Safticycles, Inc.: *See*—
Erickson, Emil H., assignor.

Saftlas, Samuel, West Warren, Mass. Knitting machine. 2,372,019; Mar. 20.

Sageb, Société Anonyme de Gestion et d'Exploitation de brevets: *See*—
Brandt, Edgar W., assignor.

Sagendorf, Forrest C., Jackson Heights, N. Y. Animated wall picture. 2,389,085; Nov. 13.

Sager, Frank P.: *See*—
Ryan, C. D., and Sager.

Sager, Frank P., Alhambra, and E. R. Bergmark, C. D. Ryan, and H. L. Atherton, Los Angeles, Calif., assignors to Commercial Controls Corporation. Mail treating machine. 2,371,070; Mar. 6.

Sager, Frank P., Alhambra, and C. D. Ryan, Los Angeles, Calif., assignors to Commercial Controls Corporation. Control mechanism for mail treating machines. 2,373,503; Apr. 10.

Sager, George F.: *See*—
Stroup, P. T., and Sager.
Weber, L. J., and Sager.

Sagner, Walter T., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,369,315; Feb. 13.

Saha, Aatto P., Staten Island, assignor to General Furnaces Corporation, New York, N. Y. Variable capacity atomizing device. 2,374,041; Apr. 17.

Sahlberg, Wilhelm, Niesky, Oberlausitz, Germany; vested in the Alien Property Custodian. Wooden frame truss. 2,390,180; Dec. 4.

St. Clair, John N., Kansas City, Kans. Supporting electric cable. 2,390,192; Dec. 4.

St. Clair, Leo J., East Orange, N. J. Tool and making the same. 2,384,204; Sept. 4.

St. Clair, Theodore A., Pontiac, Mich., assignor to Phillips Petroleum Company. Gas dispensing system. 2,384,266; Sept. 4.

St. Clair, Theodore A., Pontiac, Mich., assignor to Phillips Petroleum Company. Poppet changeover for liquefied gas systems. 2,391,042; Dec. 18.

St. Joe-Mullen Container Corporation: *See*—
De Haven, Edward J., assignor.

St. John, Eric, Cardiff, Wales. Apparatus for use in teaching and training aviators. 2,369,416; Feb. 13.

St. Marie, George, South Dartmouth, Mass. Holding jig. 2,371,934; Mar. 20.

St. Onge, Lucien R., Brookline, Pa., assignor to York Corporation. Method and apparatus for simulating high altitude climb conditions. 2,373,333; Apr. 10.

St. Palley, Zoltan O., Pittsfield, Mass., assignor to General Electric Company. Electric control system. 2,366,678; Jan. 2.

St. Palley, Zoltan O., Pittsfield, Mass., assignor to General Electric Company. Electric circuit. 2,366,679; Jan. 2.

St. Palley, Zoltan O., Pittsfield, Mass., assignor to General Electric Company. Electric circuit. 2,374,060; Apr. 17.

St. Paul Hydraulic Hoist Company: *See*—
Penney, Raymond A., assignor.

St. Pierre, Eugene: *See*—
Green, I. H., and St. Pierre.
Green, I. H. C., and St. Pierre.
Wawzonek, J., and St. Pierre.

St. Pierre, Eugene, Pawtucket, and J. Wawzonek, assignors to Hemphill Company, Central Falls, R. I. Adjustable carrier ring. 2,382,750; Aug. 14.

St. Pierre, Henry, Worcester, Mass. Chain link. 2,366,271; Jan. 30.

St. Pierre, Henry, Worcester, Mass. Treatment of chain links. 2,374,392; Apr. 24.

St. Pierre, Henry, Worcester, Mass. Detachable chain link. 2,382,344; Aug. 14.

St. Pierre, Henry, Worcester, Mass. Chain link blank and making chain links. 2,382,345; Aug. 14.

St. Regis Paper Company: *See*—
Contryman, Theron A., assignor.
Lee, Harry E., assignor.

Saito, Kiitiro, Urudo, Saitama-Ken, Japan; vested in the Alien Property Custodian. Variable speed hydraulic coupling. 2,371,922; Mar. 20.

Saklatwalla, Byramji D., Pittsburgh, Pa. Alloy steel. 2,378,437; June 19.

Sale, William H., Richmond, Va., assignor to Grip Nut Company, Chicago, Ill. Floor filler retainer for railroad cars. 2,374,623; Apr. 24.

Saleh, Gabriel E. R., New York, N. Y. Lock nut. 2,377,186; May 29.

Salem Engineering Company, The.: *See*—
Buckholdt, Robert E., assignor.

Salem Steel & Supply Company: *See*—
Waters, John L., assignor.

Saler, Jules N., Springfield, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Liquid congealing apparatus. 2,386,064; Oct. 2.

Salerni, Piero M., Lillibrooke Manor, England; vested in the Alien Property Custodian. Centrifugal pump or the like. 2,371,588; Mar. 13.

Salerni, Piero M., Cox Green, Berkshire, England; vested in the Alien Property Custodian. Hydraulic power transmission apparatus. 2,371,589; Mar. 13.

Salet, Corado R.: *See*—
Toelle, A., and Salet.

Salfisberg, Leroy L., South Orange, assignor to Ivers-Lee Company, Newark, N. J. Sealing and crimping rollers for packaging machines. 2,374,504; Apr. 24.

Salfisberg, Leroy L., South Orange, assignor to Ivers-Lee Company, Newark, N. J. Sealing, crimping, and scoring rollers for packaging machines. 2,382,175; Aug. 14.

Salisbury, Carl D., Lakewood, Ohio, assignor to General Motors Corporation, Detroit, Mich. Engine lubricating system. 2,381,839; Aug. 7.

Salisbury, Charles K., Waterloo, Iowa. Tracer controlled mechanism. 2,373,265; Apr. 10.

Salisbury, Leonard B., La Crescenta, Calif. Molding device. 2,385,544; Sept. 25.

Salisbury, LeRoy Frank, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Controlled heating of polyamides. 2,374,137; Apr. 17.

Salkeld, Charles E.: *See*—
Cuss, N. W., Salkeld, and Walker.

Sallé, Maurice, New York, N. Y., assignor to Thermoid Company, Trenton, N. J. Manufacturing friction facing and like materials. 2,388,187; Oct. 30.

Salley, Allen R.: *See*—
Ten Brink, K. C., and Salley.

Salley, Donovan J., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Production of acrylonitrile. 2,385,469; Sept. 25.

Salley, Donovan J., Stamford, C. W. Bradley, Old Greenwich, and H. S. Davis, Riverside, Conn., assignors to American Cyanamid Company, New York, N. Y. Production of acrylonitrile. 2,386,470; Sept. 25.

Sallmann, Richard: *See*—
Albrecht, O., Graenacher, and Sallmann.
Graenacher, C., Sallmann, Albrecht, and Frei.
Graenacher, C., Sallmann, and Frei.

Salminen, Ilmari F., P. W. Vittum, and A. Weissberger, assignors to Eastman Kodak Company, Rochester, N. Y. Acylaminophenol photographic couplers. 2,367,531; Jan. 16.

Salminen, Ilmari F., P. W. Vittum, and A. Weissberger, assignors to Eastman Kodak Company, Rochester, N. Y. Color-forming compounds having six-membered rings. 2,376,192; May 15.

Salmon, Chester G.: *See*—
Ellestad, G. A., and Salmon, assignors.

Salmon, Reginald D.: *See*—
Thompson, A. E., and Salmon.

Salmon, Reginald D., Croydon, assignor to Creed and Company Limited, Croydon, Surrey, England. Shock-absorbing means especially suitable for use with typewheels in printing apparatus. 2,382,668; Aug. 14.

Salo, Martin: *See*—
Malm, C. J., and Salo.

Salo, Martin, and H. F. Vivian, assignors to Eastman Kodak Company, Rochester, N. Y. Hot-melt coating composition. 2,387,773; Oct. 30.

Salo, Martin, and H. F. Vivian, assignors to Eastman Kodak Company, Rochester, N. Y. Hot melt coating composition. 2,387,774; Oct. 30.

Salomon, Allen N.: *See*—
Wainer, E., and Salomon.

Salomon, Francois M. M. B., Paris, France; vested in the Alien Property Custodian. Oscillation reducing device. 2,383,516; Aug. 28.

Salomon, François M. M. B., Paris, France; vested in the Alien Property Custodian. Oscillation reducing device. 2,387,775; Oct. 30.

Salomon, François M. M. B., Paris, France; vested in the Alien Property Custodian. Oscillation reducing device. 2,387,776; Oct. 30.

Salomon, Irving, Michigan City, Ind. Desk. 2,375,441; May 8.

Salsbury Corporation: *See*—
Lewis, Howard B., assignor.

Salsbury, Jason M.: *See*—
Pierce, J. S., Salsbury, and Fredericksen.

Salstrom Carving Machine Company: *See*—
Salstrom, David B. and D. N., assignors.

Salstrom, David B. and D. N., assignors to Salstrom Carving Machine Company, Chicago, Ill. Gunstock forming machine. 2,382,102; Aug. 14.

Salstrom, David N.: *See*—
Salstrom, David B., and D. N.

Salt, Lloyd B., Chestnut Hill, assignor to B. F. Sturtevant Company, Boston, Mass. Vacuum sweeper. 2,367,437; Jan. 16.

Salt, Richard: *See*—
Macintosh, R. R., Mendelssohn, and Salt.

Salter, Avery L., Johnston, S. C. Electrical switch. 2,378,582; June 19.

Salter, John H.: *See*—
Lepsoe, R., Ortner, and Salter.

Saltz, Frank H., La Crosse, Wis. Rotary file. 2,383,944; Sept. 4.

Saltz, Morris A., Los Angeles, Calif. Upholstered furniture with removable cover on. 2,383,687; Aug. 28.

Salussolia, Battista, Wood Ridge, assignor to Sweeney Lithograph Company, Inc., Belleville, N. J. Easel poster. 2,377,455; June 5.

Salvaneschi, Pino, Broni, Italy; vested in the Alien Property Custodian. Apparatus for forming hollow bodies. 2,389,608; Feb. 13.

Salverda, Henry P., assignor of half to F. J. McCarron and A. McC. Loftus, Daytons Bluff Station, Minn. Pump rod extracting device. 2,373,081; Apr. 3.

Salvin, Monte, Los Angeles, Calif. Gynecologic instrument. 2,376,193; May 15.

Salvin, Victor S.: *See*—
Seymour, G. W., and Salvin.

Salvin, Victor S., Cumberland, Md., and A. J. Hill, New Haven, Conn., assignors to American Cyanamid Company, New York, N. Y. Alkamine esters of aryloxymethyl benzoic acid. 2,375,138; May 1.

Salvin, Victor S., Cumberland, Md., and A. J. Hill, New Haven, Conn., assignors to American Cyanamid Company, New York, N. Y. Alkamine derivatives of ethers of p-hydroxymethyl benzoic acid. 2,385,104; Sept. 18.

Salzberg, Paul L., and J. H. Werntz, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Surface active aldoside condensation products. 2,374,236; Apr. 24.

Salzer, John, Houston, Tex. Apparatus for rolling radiator core elements. 2,378,661; June 19.

Samelson, Bernard, assignor to The Deming Company, Salem, Ohio. Pump. 2,385,105; Sept. 18.

Samiran, David, Fairchild, Ohio. Air eliminator. 2,367,692; Jan. 23.

Samiran, David, Osborn, Ohio. Automatically controlled portable fuel pumping unit. 2,373,143; Apr. 10.

Samiran, David, Osborn, Ohio. Safety locking device. 2,385,381; Sept. 25.

Samiran, David, Osborn, Ohio. Safety device for gasoline or oil gauges. 2,385,382; Sept. 25.

Samiran, David, Osborn, Ohio. Automatic suction relief valve and audible signal for tank car segregators. 2,385,844; Oct. 2.

Samiran, David, Osborn, Ohio. Apparatus for making fluid pressure connections to the instruments on an instrument panel. 2,386,270; Oct. 9.

Sammis, Albert V., Huntington, N. Y. Testing instrument for testing water outlets. 2,372,606; Mar. 27.

Sammis, Edward A.: *See*—
Burckhardt, A., and Sammis.

Sammons, Charles W.: *See*—
Moncrieff, R. W., and Sammons.

Samphere, Orin C., West Allis, Wis. Matrix retainer. 2,367,439; Jan. 16.

Sample, Alfred J., Randolph, N. Y. Vibrating conveyer gate. 2,386,717; Oct. 9.

Sample, Ralph M.: *See*—
Humphrey, R. G., and Sample.

Sampsel, Arthur V.: *See*—
Knudsen, A. K., and Sampsel.

Sampsell, Ralph R., Youngstown, Ohio. Combination trailer. 2,374,383; Apr. 24.

Sampson, Donald S., Silver Spring, Md. Ladder construction. 2,390,000; Nov. 27.

Sams, Augustine: *See*—
Hale, Jackson T., assignor.

Sams, Francis C., Bath, N. Y. Safety ball trap. 2,390,224; Dec. 4.

Samson, Edward W., and A. H. Croup, assignors to Hammermill Paper Company, Erie, Pa. Separating solid particles in pulp suspensions and the like. 2,377,524; June 5.

Samuel, Sigmund, Baltimore, Md. Runway marker lighting means. 2,370,424; Feb. 27.

Samuels, Joseph V., assignor of forty percent to Johnnie Rogers, Jefferson City, Mo. Bottle Folder. 2,376,194; May 15.

Samuels Shoe Company: *See*—
Beestrum, Olaf G., assignor.

Samuelson, Einer J., Chicago, Ill. Ladder cart. 2,377,043; May 29.

Samuelson, Otto H., Muncie, and A. T. Zappia, Indianapolis, Ind. Plunger carrier for glassware forming apparatus. 2,379,830; July 3.

Samuelson, Otto H., and A. T. Zappia, assignors to S. & Z. Manufacturing Company, Inc., Indianapolis, Ind. Container blowing and cooling apparatus. 2,382,028; Aug. 14.

Sanborn Company, The: *See*—
Packer, Oscar W., assignor.

Sanchioni, Adolf, Needham, Mass. Method of making shoes and product of said method. 2,386,910; Oct. 16.

Sanchioni, Adolf, Needham, Mass. Shoe and producing same. 2,386,911; Oct. 16.

Sand, Charles H., Willoughby, Ohio, assignor to Addressograph-Multigraph Corporation, Wilmington, Del. Printing machine. 2,382,503; Aug. 14.

Sandberg, Ernest H., Long Beach, Calif. Caster. 2,369,609; Feb. 13.

Sandberg, Oscar, assignor to Lynch Manufacturing Corporation, Defiance, Ohio. Wrapping paper cutting mechanism. 2,372,020; Mar. 20.

Sandberg, Oscar, assignor to Lynch Manufacturing Corporation, Defiance, Ohio. Tray former for wrapping machines. 2,378,796; June 19.

Sandberg, Robert N., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Indenting machine. 2,377,377; June 5.

Sandberg, William A., assignor to Lacy Manufacturing Company, Los Angeles, Calif. Horizontal tank and support therefor. 2,375,442; May 8.

Sandell, Folke E.: *See*—
Hatch, James W., assignor.

Sander, Frank S., New York, N. Y., assignor, by direct and mesne assignments, to F. S. Sander, J. Sander, Ida Waldes and Ica Waldes, doing business under the name of My Double Company. Adjustable dress form. 2,367,891; Jan. 23.

Sander, Judith, et al.: *See*—
Sander, Frank S., assignor.

Sanders, Arthur F., Leeds, England. Fuel-injection engine. 2,379,190; June 26.

Sanders, Clyde S., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Detecting salt water intrusion. 2,379,106; June 26.

Sanders, George, Larne Harbour, Northern Ireland Steam generator. 2,382,176; Aug. 14.

Sanders, Herbert L.: *See*—
Ryan, L. W., and Sanders.

Sanders, James T., Pacific, Mo. Post puller. 2,377,652; June 5.

Sanders, Louis S.: *See*—
McIntosh, Maurice D., assignor.

Sanders, Robert W., Fort Wayne, Ind., assignor to Farnsworth Television and Radio Corporation. Voltage generator. 2,387,685; Oct. 23.

Sanders, Tillmon J., Utica, N. Y. Loom harness stop motion. 2,368,427; Jan. 30.

Sanderson, Donald, Bloomfield Hills, H. E. Pfaff, Detroit, Mich., and M. E. Garrison, Compton, Calif. Polymerized rubber-like product and making the same. 2,390,961; Dec. 11.

Sanderson, Lawrence S., Los Angeles, Calif. Selector valve. 2,391,196; Dec. 18.

Sanderson, Robert T., Fishkill, N. Y., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Geochemical prospecting. 2,375,949; May 15.

Sanderson, Roger W. W., assignor to The General Electric Company Limited, London, England. Electric primary battery. 2,375,875; May 15.

Sandler, Jacob: *See*—
Lee, Bernard F., assignor.

Sandman, Robert C., Euclid, assignor to Addressograph-Multigraph Corporation, Cleveland, Ohio. Ink fountain and liner therefor. 2,382,103; Aug. 14.

Sandmeyer, Ernest R., assignor to Fruit Packers Supply & Equipment Company, Yakima, Wash. Fruit and vegetable sorting machine. 2,370,262; Feb. 27.

Sándor, Béla, New Barnet, England. Pyrophoric lighter. 2,368,070; Jan. 23.

Sandoz, A. G.: *See*—
Bergel, F., Cohen, and Haworth, assignors.
Gutzwiller, Ernst, assignor.
Peter, Albin, assignor.
Tschudin, Walter F., assignor.
Wiazmitinow, Alexis, assignor.

Sandoz, Ltd.: *See*—
Gutzwiller, Ernst, assignor.

Sandoz, Maurice, Vevey La Tour, Switzerland, assignor to Burton T. Bush, Inc., New York, N. Y. Producing a scent fixative. 2,383,517; Aug. 28.

Sandretto, Peter C., Chicago, and B. E. Montgomery, Berwyn, Ill., assignors to United Air Lines, Inc. Aircraft antenna. 2,368,618; Feb. 6.

Sandvikens Jernverks Aktiebolag: *See*—
Hård af Segerstad, Carl G., assignor

Sanford, Alfred F., II: *See*—
Sanford, H. W., Sanford, II, and Pruett.

Sanford, Arthur H., Roselle, assignor to Hercules Powder Company, Wilmington, Del. Wax composition. 2,371,473; Mar. 13.

Sanford, Arthur H., assignor to Hercules Powder Company, Wilmington, Del. Match compositions. 2,389,552; Nov. 20.

Sanford, Hugh W., Knoxville, Tenn. Closure. 2,372,227; Mar. 27.

Sanford, Hugh W., Knoxville, Tenn. Pipe joint. 2,374,138; Apr. 17.

Sanford, Hugh W., Knoxville, Tenn. Valve. 2,388,710; Nov. 13.

Sanford, Hugh W., Knoxville, Tenn., assignor to The Sanford Investment Company, Wilmington, Del. Wheel and axle packing. 2,387,301; Oct. 23.

Sanford, Hugh W., A. F. Sanford, II, and R. C. Pruett, Knoxville, Tenn.; said A. F. Sanford, II, and said Pruett assignors to said H. W. Sanford. Toilet deodorizer. 2,371,923; Mar. 20.

Sanford Investment Company, The: *See*—
Sanford, Hugh W., assignor.

Sanford, Roy S., assignor to The Autoyre Company, Incorporated, Oakville, Conn. Roll holder. 2,371,109; Mar. 6.

Sanford, Roy S., assignor to The Autoyre Company, Incorporated, Oakville, Conn. Cartridge belt link. 2,390,331; Dec. 4.

Sanford, Roy S., and W. J. Andres, assignors to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Gear shifting mechanism. 2,388,088; Oct. 30.

Sanford, Thomas D.: *See*—
Williams, B. N., and Sanford.

Sang, Henry J., Philadelphia, Pa. Load-stress converter. 2,370,196; Feb. 27.

Sangamo Electric Company: *See*—
Snell, Maurice S., assignor.
Wickham, Alfred H., assignor.

Sanozone Corporation: *See*—
Mallmann, W. L., Kain, and Schaefer, assignors.

Sansom, Marion D., Rivulet, Mont. Can attachment. 2,374,384; Apr. 24.

Santa Fe Springs Waste Water Disposal Company: *See*—
Pomeroy, Richard D., assignor.

Santini, Danilo: *See*—
Bouton, E. M., and Santini.
Williams, H. W., Santini, and Mount.

Santon, Elliot A.: *See*—
Palmer, A., and Santon.

Santon, Elliot A., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Thread guide for thread holders. 2,387,302; Oct. 23.

Santon, Elliot A., assignor, to Crompton & Knowles Loom Works, Worcester, Mass. Positively actuated thread holder for looms. 2,390,962; Dec. 11.

Santon, Elliot A., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Shuttle check for looms. 2,390,963; Dec. 11.

Santos, John R. L., assignor to William E. Hooper & Sons Company, Baltimore, Md. Drier felt. 2,367,438; Jan. 16.

Sapp, John P.: *See*—
Sternad, F. S., and Sapp.

Sappenfield, Marion L., Kansas City, Mo., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Component separating means. 2,369,255; Feb. 13.

Sapyak, Frank J., Sanford, Mich. Fingernail file. 2,388,292; Nov. 6.

Sarachek, Moe, Allentown, Pa., assignor to Charis Corporation. Lacing construction for garments. 2,382,104; Aug. 14.

Sarafian, Karl, assignor to General Motors Corporation, Detroit, Mich. Wave control. 2,377,719; June 5.

Sarafian, Karl, assignor to General Motors Corporation, Detroit, Mich. Electric control system. 2,386,981; Oct. 16.

Sarbach, Donald V., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Adhering rubbery material to smooth surfaces. 2,389,641; Nov. 27.

Sarchet, Thomas H., Spokane, Wash. Decelerating means. 2,375,443; May 8.

Sarco Company, Inc.: *See*—
Adlam, Thomas N., assignor.

Sardeson, Robert, assignor to Pako Corporation, Minneapolis, Minn. Drying device. 2,369,803; Feb. 20.

Sargeant, Ralph G., Lakeland, Fla., assignor of one-half to F. E. Saumenig, Woodlawn, Md. System of airplane control. 2,369,859; Feb. 20.

Sargent, Albert A., Jr., Niagara Falls, N. Y., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Lock nut device. 2,381,936; Aug. 14.

Sargent & Company: *See*—
Baker, R. E., and Kendall, assignors.
Brooks, Herbert W., assignor.
Ohno, Richard J., assignor.
Oxhandler, Samuel, assignor.
Papkin, David, assignor.
Voight, Henry G., assignor.
Voight, H. G., and Oxhandler, assignors.

Sargent, Leonard E., Yonkers, N. Y., assignor to Burroughs Wellcome & Co. (U. S. A.) Inc. Making tetraiodophenol-phthalein. 2,384,426; Sept. 4.

Sargent, Robert E., and M. W. M. Devitt, Elmhurst, Long Island, N. Y. Fire extinguishing composition. 2,388,014; Oct. 30.

Sarkisian, Hachig, North Andover, Mass. Wool-combing machine. 2,384,344; Sept. 4.

Sarossy, Albert, West Orange, N. J. Die holder and tailstock center. 2,383,991; Sept. 4.

Sarthou, Henri, Saint-Gervais-les-Bains, France; vested in the Alien Property Custodian. Hinged ski. 2,390,181; Dec. 4.

Sartori, William J., Brooklyn, N. Y. Esters of aleuritic acid. 2,382,919; Aug. 14.

Sarver, Emmett F., assignor of one-half to O. W. Wortman, Wichita, Kans. Roto-thrust converter. 2,382,105; Aug. 14.

Sasgen, Anthony M., Chicago, Ill. Clamp. 2,374,899; May 1.

Sasgen, Anthony M., assignor to Grand Specialties Company, Chicago, Ill. Work supporting and finishing apparatus. 2,379,992; July 10.

Saslaw, Max R., East Orange, N. J., assignor to Federal Telephone and Radio Corporation. Heated tool perforating. 2,374,706; May 1.

Saslaw, Max R., East Orange, N. J., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Coupling for cooling conduits of high frequency apparatus. 2,377,878; June 5.

Saslaw, Otto, Lyndhurst, N. J., assignor to Federal Telephone & Radio Corporation, New York, N. Y. Manufacture of selenium element. 2,370,493; Feb. 27.

Saslaw, Otto, Lyndhurst, N. J., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Selenium cell. 2,386,750; Oct. 16.

Saslaw, Otto, Lyndhurst, and H. Carlson, Newark, N. J., assignors to Federal Telephone & Radio Corporation, New York, N. Y. Making selenium elements. 2,378,438; June 19.

Satchwell, Leonard, Marlow, England. Electric resistance grid. 2,386,065; Oct. 2.

Satchwell, Leonard, Marlow, England. Electric resistance grid. 2,391,744; Dec. 25.

Satoris, Frank, Sr., Rochester, Minn. Electric cribbage board. 2,375,040; May 1.

Satterlee, Howard A., assignor to The Aro Equipment Corporation, Bryan, Ohio. Fuel cock drive mechanism. 2,389,461; Nov. 20.

Sattler, Louis, assignor to The New York Sugar Trade Laboratory, Inc., New York, N. Y. Manufacture of D-psicose. 2,377,653; June 5.

Satz, Frank, and M. Berns; said Satz assignor of one-half of his right to S. Sontag, Los Angeles, Calif. Sanitary brush. 2,373,711; Apr. 17.

Pont de Nemours & Company, Wilmington, Del. Prep-

Sauer, George, assignor to Union Special Machine Company, Chicago, Ill. Sewing machine. 2,386,349; Oct. 9.

Sauer, John C. assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Ketonethenones and process therefor. 2,360,919; Feb. 20.

Sauer, John C., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Mixed esters. 2,381,885; Aug. 14.

Sauer, John C., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Mixed esters. 2,381,887; Aug. 14.

Sauer, Louis E., Sharon, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Cooling current limiting reactors. 2,387,947; Oct. 30.

Sauer, Robert O.: *See*—
Patnode, W. I., and Sauer.

Sauer, Robert O., Schenectady, N. Y., assignor to General Electric Company. Resolution of azeotropic mixtures of chlorosilanes. 2,381,139; Aug. 7.

Sauer, Robert O., and C. E. Reed, Schenectady, N. Y., assignors to General Electric Company. Resolution of mixtures of chlorosilanes. 2,388,575; Nov. 6.

Sauerborn, Eugene F.: *See*—
Miller, A. J., and Sauerborn, assignors.

Saul, August A., assignor to Miller Printing Machinery Co., Pittsburgh, Pa. Sheet handling apparatus. 2,371,190; Mar. 13.

Saul, George C., Beckenham, W. G. Harding, Whitton, and R. H. Nisbet, Stroud, England, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Automatic steering device. 2,373,144; Apr. 10.

Saul, Samuel, Jr., Pittsburgh, Pa. Rack construction. 2,367,315; Jan. 16.

Saulnier, Joseph, Falmouth, Mass. Smoking pipe. 2,377,379; June 5.

Saumenicht, Ernest, Chatham, N. J. Ball mill. 2,376,820; May 20.

Saumenig, Fred E.: *See*—
Sargeant, Ralph G., assignor.

Saunders, Albert, Maplewood, and L. S. Engle, Harrington Park, N. J., assignors to Interchemical Corporation, New York, N. Y. Polishing composition. 2,375,823; May 15.

Saunders, Albert, Maplewood, and L. S. Engle, Harrington Park, N. J., assignors to Interchemical Corporation, New York, N. Y. Polishing composition. 2,375,824; May 15.

Saunders, Albert, Maplewood, and L. S. Engle, Harrington Park, N. J., assignors to Interchemical Corporation, New York, N. Y. Polishing compositions. 2,375,825; May 15.

Saunders, Charles A., Chicago, Ill. Making archery target butts and machinery therefor. 2,372,856; Apr. 3.

Saunders, Charles W., Bramley, assignor to General Electric Company Limited, London, England. Electric torch which floats lamp uppermost in water. 2,381,520; Aug. 7.

Saunders, Frank S., Cardiff, South Wales. Apparatus for testing spark plugs. 2,369,920; Feb. 20.

Saunders, Frank S., Cardiff, South Wales. Automatic press tool for straightening or bending. 2,379,658; July 3.

Saunders, George E.: *See*—
Webb, H. J., and Saunders.

Saunders, Harold F: *See*—
Downs, C. D., and Saunders.
McCord, A. T., and Saunders.

Saunders, Philip K., Mamaroneck, N. Y. Controlling valve. 2,376,387; May 22.

Saunders, Philip K., Mamaroneck, N. Y. Controlling valve. 2,376,388; May 22.

Saunders, Seymour G., Bloomfield Hills, and H. Morrison, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Coating material recovery medium and process. Re. 22,615; Mar. 6.

Saunders, Seymour G., Bloomfield Hills, and H. Morrison, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Apparatus and method for bonding composite articles. 2,371,847; Mar. 20.

Saunders, Seymour G., Bloomfield Hills, and H. Morrison, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Adhesive and making the same. 2,376,510; May 22.

Saunders, Seymour G., Bloomfield Hills, and H. Morrison, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Making synthetic resin yarn. 2,376,511; May 22.

Saunders, Seymour G., Bloomfield Hills, and H. Morrison, Detroit, Mich. Cements. 2,376,854; May 22.

Saunier, Pierre Paul, Jr., Henrico County, Va. Altimeter. 2,379,496; June 3.

Saurenman, Dean F., Houston, Tex., assignor to Baker Oil Tools, Inc., Vernon, Calif. Multiple zone production apparatus. 2,368,428; Jan. 30.

Sauser, Doran E., Cuyahoga Falls, assignor, by mesne assignments, to The B. F. Goodrich Company, Akron, Ohio. Vulcanization of copolymers of conjugated diene hydrocarbons and alpha-methylene nitriles. 2,374,385; Apr. 24.

Sauzedde, Claude, Detroit, Mich. Shock absorber. 2,380,191; July 10.

Savage, Albert B.: *See*—
Boulton, H. L., and Savage.

Savage Arms Corporation: *See*—
Brewer, Nicholas L., assignor.
Hussey, Chester L., assignor.

Savage, Robert H., Scotia, N. Y., assignor to General Electric Company. Electrical contact element. 2,387,614; Oct. 23.

Savage, W. J., Company, Inc.: *See*—
Fulton, Weston M., assignor.

Savageau, Frederick L., Denver, Colo. Fastening device. 2,376,089; May 15.

Savidge, Clinton L., Toledo, Ohio, assignor to Mitchell & Smith, Inc., Detroit, Mich. Branched stream control. 2,380,676; July 31.

Savitzky, Abraham: *See*—
Norkin, N., and Savitzky, assignors.

Savory Equipment, Inc.: *See*—
Warner, Maurice L., assignor.

Savoy, Ernest J., Kansas City, Mo. Penknife. 2,390,964;

Savrda, Charles M., Bay Shore, assignor to The Atlantic Coast Fisheries Company, New York, N. Y. Fish filleting machine. 2,381,560; Aug. 7.

Sav-Way Industries: *See*—
Balton, Charles A., assignor.

Sawatzki, Dorl, et al.: *See*—
Ballinger, Karl, assignor.

Sawtelle, Charles A., Rosedale Gardens, Mich. Fluid clutch. 2,386,912; Oct. 16.

Sawtelle, Charles A., Rosedale Gardens, Mich. Wear compensator for brakes. 2,386,913; Oct. 16.

Sawtelle, Edmund R., Shawnee-on-Delaware, and J. I. Blair, assignors to Worthington Mower Company, Stroudsburg, Pa. Mowing machine. 2,377,380; June 5.

Sawyer, Charles B.: *See*—
Wellman, S. K., and Sawyer.

Sawyer, Clarence H., Naples, Idaho. Boat propulsion means. 2,388,711; Nov. 13.

Sawyer, Fred A., South Bend, Inc., assignor to United States Rubber Company, New York, N. Y. Container. 2,378,161; June 12.

Sawyer, Howard G., Bayside, N. Y. Fire-tube boiler. 2,388,647; Nov. 6.

Sawyer, Marc C., Otsego County, assignor to Bendix Aviation Corporation, New York, N. Y. Ignition means. 2,380,707; July 31.

Sawyer, Richard L.: *See*—
Bruner, F. H., Clarke and Sawyer.

Saxton, Albert H., assignor to National Bundle Tyer Company, Blissfield, Mich. Bundle tying machine. 2,374,900; May 1.

Say, Alan W.: *See*—
Martin, R. A., and Say.

Say, Alan W., Upminster, assignor to The Plessey Company Limited, Ilford, England. Rotary pump. 2,368,572; Jan. 30.

Sayler, William H., assignor of one-half to H. E. Bassford, Salt Lake City, Utah. Filter. 2,379,930; July 10.

Sayles Finishing Plants, Inc.: *See*—
Huey, H. L. and Russell, assignors.

Sayles, James H., Uvalde, Tex. Barbed-wire stretcher. 2,386,751; Oct. 16.

Sayre, Gordon B., assignor to Boonton Molding Company, Boonton, N. J. Automatic molding apparatus. 2,375,252; May 8.

Sayre, Gordon B., assignor to Boonton Molding Company, Boonton, N. J. Automatic valve control for hydraulic presses. 2,376,624; May 22.

Sayre, Gordon B., Brooklyn, N. Y., assignor to Boonton Molding Company, Boonton, N. J. Valve control for hydraulic presses. 2,381,776; Aug. 7.

Sayre, Ralph E.: *See*—
Hill, A. G., and Sayre.

Sayward, John M., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Chlorination of pyrazine. 2,391,745; Dec. 25.

Scafe, Eugene T.: *See*—
Drake, L. C., Herman, and Schafe

Scaife, Arthur J., Detroit, Mich. Waterproofed combat vehicle. 2,390,557; Dec. 11.

Scaife, Charles W.: *See*—
Smith, A., and Scaife.
Smith, A. E. W., Scaife, and Stanley.
Smith, A. E. W., Stanley, and Scaife.

Scalera, Mario, Somerville, N. J., assignor to American Cyanamid Company, New York, N. Y. Conditioning of organic pigments. 2,369,414; Feb. 13.

Scalera, Mario, Somerville, and A. W. Joyce, Plainfield, N. J., assignors to American Cyanamid Company, New York, N. Y. Long chain alkyl substituted 4-amino-1, 8-naphthalic acid imides. 2,385,106; Sept. 18.

Scane, James W., Windsor, Ontario, Canada. Vehicle jack. 2,383,275; Aug. 21.

Scanlan, Dennis R., St. Paul, Minn. Apparatus for artificial respiration. 2,383,821; Aug. 28.

Scanlon, Michael J., Baltimore, Md. Internal-combustion engine. 2,384,401; Sept. 4.

Scarborough, William B.: *See*—
Schwebel, William R., assignor.

Scarborough, William B., trustee: *See*—
Beaseeker, Raymond L., assignor.

Scarff, Harold M., assignor to Muskegon Piston Ring Company, Muskegon, Mich. Piston ring chamfering machine. 2,373,344; Apr. 10.

Scarff, Harold M., assignor to Muskegon Piston Ring Company, Muskegon, Mich. Piston ring clamping device. 2,388,871; Nov. 13.

Scarff, Harold M., assignor to Muskegon Piston Ring Company, Muskegon, Mich. Milling machine. 2,388,872; Nov. 13.

Scarlett, Arthur A., Hamilton, Ontario, Canada, assignor, by mesne assignments, to International Harvester Company, Chicago, Ill. Cultivating implement. 2,371,924; Mar. 20.

Scarlett, Arthur A., and J. Higginson, Hamilton, Ontario, Canada, assignors, by mesne assignments, to International Harvester Company, Chicago, Ill. Power lift. 2,370,197; Feb. 27.

Scarlett, Arthur A., Hamilton, Ontario, and S. M. Young, South Hamilton, Ontario, Canada, assignors, by mesne assignments, to International Harvester Company, Chicago, Ill. Agricultural implement. 2,377,578; June 5.

Scarlett, George E.: *See*—
Ploch, W. F., and Scarlett.

Scarry, Earl J., Denver, Colo. Soap dispenser. 2,387,359; Oct. 23.

Schaad, Raymond E.: *See*—
Bloch, H. S., and Schaad.
Ipatieff, V. N., and Schaad.

Schaad, Raymond E., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of phenols. 2,371,550; Mar. 13.

Schaad, Raymond E., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of aromatic compounds. 2,382,260; Aug. 14.

Schaad, Raymond E., assignor to Universal Oil Products Company, Chicago, Ill. Alkylation of aromatic compounds. 2,386,982; Oct. 16.

Schaad, Raymond E., assignor to Universal Oil Products Company, Chicago, Ill. Alkylation of aromatic hydrocarbons. 2,387,948; Oct. 30.

Schaaff, Louis W., Jackson Heights, assignor to Wilhelmina M. Kuhn, New York, N. Y. Nonmetallic molded replaceable blade shears. 2,377,906; June 12.

Schaal, Earl V., East Aurora, assignor to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner. 2,388,500; Nov. 6.

Schaal, Robert B., Independence, assignor to Ferro Enamel Corporation, Cleveland, Ohio. Refining of cobalt ores. 2,379,659; July 3.

Schachinger, Edward A., Astoria, N. Y. Watchman's signal system. 2,376,389; May 22.

Schacht, William F., Huntington, Ind. Cattle marker. 2,383,419; Aug. 21.

Schade, Arthur, and J. Horn, Wiesbaden-Biebrich, Germany; vested in the Alien Property Custodian. Automatic photoprinting device. 2,371,925; Mar. 20.

Schade, Arthur L.: *See*—
Pfannmuller, J., Schade, and Schlaich.

Schade, Frank S. assignor to National Blank Book Company, Holyoke, Mass., Post binder. 2,386,983; Jan. 9.

Schade, Frank S., assignor to National Blank Book Company, Holyoke, Mass. Ring binder mechanism. 2,386,729; Feb. 6.

Schade, Frank S., assignor to National Blank Book Company, Holyoke, Mass. Binder case construction for books. 2,390,725; Dec. 4.

Schade, John, assignor to National Blank Book Company, Holyoke, Mass. Making metal parts for ring binders. 2,368,730; Feb. 6.

Schade, John, assignor to National Blank Book Company, Holyoke, Mass. Making metal parts for ring binders. 2,384,134; Sept. 4.

Schade, John, assignor to National Blank Book Company, Holyoke, Mass. Making metal parts for ring binders. 2,385,883; Oct. 2.

Schade, Otto H., West Caldwell, N. J., assignor to Radio Corporation of America. Television transmitting apparatus. 2,368,804; Feb. 6.

Schade, Otto H., West Caldwell, N. J., assignor to Radio Corporation of America. Television transmitting system. 2,370,425; Feb. 27.

Schade, Otto H., West Caldwell, N. J., assignor to Radio Corporation of America. Electron tube circuit. 2,370,426; Feb. 27.

Schade, Otto H., West Caldwell, N. J., assignor to Radio Corporation of America. Radio frequency oscillator power supply circuit. 2,374,791; May 1.

Schade, Otto H., West Caldwell, N. J., assignor to Radio Corporation of America. Television transmitting system. 2,377,972; June 12.

Schade, Otto H., West Caldwell, N. J., assignor to Radio Corporation of America. Electronic tube circuits. 2,378,797; June 19.

Schade, Otto H., West Caldwell, N. J., assignor to Radio Corporation of America. Cathode ray beam deflecting circuits. 2,382,822; Aug. 14.

Schade, Otto H., West Caldwell, N. J., assignor to Radio Corporation of America. Electronic tube circuit. 2,391,801; Dec. 25.

Schade, Willy, assignor to Eastman Kodak Company, Rochester, N. Y. Telephoto lens. 2,382,669; Aug. 14.

Schade, Willy, assignor to Eastman Kodak Company, Rochester, N. Y. Objective for reflex sight. 2,384,643; Sept. 11.

Schaechtin, Walter, Wilkinsburg, and E. Frisch, Pittsburgh, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. System of control for electric motors. 2,370,078; Feb. 20.

Schaefer, Carl A., Whitefish Bay, Wis., assignor to Square D Company, Detroit, Mich. Electric switch. 2,388,342; Nov. 6.

Schaefer, Charles F., Westport, Conn. Stencil coating machine. 2,382,920; Aug. 14.

Schaefer, Edward A.: *See*—
Serre, M., Hewett, and Schaefer.

Schaefer, Edward B., Oak Park, Ill. Tilting mechanism for Venetian blinds. 2,369,079; Feb. 6.

Schaefer, Edward J., Fort Wayne, Ind., assignor to General Electric Company. Electric protective means. 2,369,986; Feb. 20.

Schaefer, Frederic, Pittsburgh, Pa. Brake hanger. 2,373,429; Apr. 10.

Schaefer, Frederic, Pittsburgh, Pa. Brake hanger wear plate. 2,383,745; Aug. 28.

Schaefer, Frederic C., Greenwich, Conn., assignor to Wingfoot Corporation, Akron, Ohio. Propiolyl halides and making them. 2,388,660; Nov. 6.

Schaefer, Karl T.: *See*—
Taylor, J. L., and Schaefer.

Schaefer, Ralph A., East Cleveland, assignor to The Cleveland Graphite Bronze Company, Cleveland, Ohio. Coating metal articles. 2,391,069; Dec. 18.

Schaefer, Richard J.: *See*—
Mallmann, W. L., Kain, and Schaefer.

Schaefer, Rodger L.: *See*—
Lum, J. H., and Schaefer.

Schaefer, Rudolph K., B. Allen, and R. Lopez, Brownsville, Tex. Automatic longitudinal trimmer. 2,381,840; Aug. 7.

Schaefer, Vincent J., Schenectady, N. Y., assignor to General Electric Company. Producing solids of desired configuration. 2,374,310; Apr. 24.

Schaefer, Vincent J., Schenectady, N. Y., assignor to General Electric Company. Cathode ray tube. 2,374,311; Apr. 24.

Schaechtlin, Walter, Pittsburgh, and E. H. Hornberger, Edgewood, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Stability controlled ship propulsion system. 2,384,323; Aug. 7.

Schaeufele, John G., Fort Knox, Ky. Track maintenance tool. 2,382,447; Aug. 14.

Schaevitz, Herman, Collingswood, N. J. Voltage drop calculator. 2,379,982; July 10.

Schäfer, Josef, Dortmund, Germany; vested in the Alien Property Custodian. Coke oven. 2,387,615; Oct. 23.

Schafer, Robert A., and R. Rodal, Richmond, Ind., assignors to The National Automatic Tool Company. Hydraulic control apparatus for machine tools. 2,377,720; June 5.

Schafer, Robert A., and R. Rodal, assignors to The National Automatic Tool Company, Richmond, Ind. Indexing mechanism. 2,380,873; July 31.

Schaffer, Jacob L., New York, N. Y. Secret garment pocket construction. 2,383,217; Aug. 21.

Schaffhauser, Hilda, Chicago, Ill. Mop head and mop. 2,374,782; May 1.

Schaich, Wilbur A., Springfield, Mass. Cartridge belt. 2,372,685; Apr. 3.

Schairer, George S., assignor to Boeing Aircraft Company, Seattle, Wash. Aircraft with high-speed stability. 2,385,845; Oct. 2.

Schallis, Charles A., Detroit, Mich. Control handle. 2,367,892; Jan. 23.

Schambra, William P., and C. M. Shigley, Freeport, Tex., assignors to The Dow Chemical Company, Midland, Mich. Purification of chlorine-containing gases. 2,390,610; Feb. 13.

Schantl, Erich: *See*—
Messmer, M., and Schantl.

Schanz, George H., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Apparatus for making composite strips. 2,382,177; Aug. 14.

Scharer, Harry, Brooklyn, N. Y. Colorimetric method for testing for available chlorine. 2,385,471; Sept. 25.

Scharf, Frank W., assignor to McGraw Electric Company, Elgin, Ill. Electric iron. 2,373,345; Apr. 10.

Scharf, Michael M.: *See*—
Pelzer, Harold H., assignee.

Schasmann, Walter G.: *See*—
Roethell, R. E., and Scharmann.

Schatz, Clarence L., Merchantville, N. J. Water ski. 2,389,001; Nov. 13.

Schatz, Joseph M., et al.: *See*—
Mott, William F., assignor.

Schatz, Robert J.: *See*—
Dunlap, R. L., and Schatz.

Schatzman, George W.: *See*—
Ferguson, A. P., and Schatzman.

Schatzman, George W., and A. P. Ferguson, assignors to Houdaille-Hershey Corporation, Detroit, Mich. Automobile window visor. 2,389,002; Nov. 13.

Schaub, André H., Norrkoping, Sweden, assignor to Aktiebolaget Kardebering. Card mounting machine. 2,386,718; Oct. 9.

Schaub, Betty A., executrix: *See*—
Schaub, Jacob.

Schaub, Jacob, deceased, by B. A. Schaub, Westfield, N. J., executrix, assignor, by mesne assignments, to The Best Foods, Inc., New York, N. Y. Molding apparatus. 2,370,920; Mar. 6.

Schaufelberger, William F.: *See*—
Harvey, M. T., and Schaufelberger.

Schaufelberger, William F., Irvington, N. J., assignor, by mesne assignments, to The Harvel Corporation. Treating phenol ethers and products produced thereby. 2,386,719; Oct. 9.

Schaufelberger, William F., Orange, and M. T. Harvey, East Orange, N. J., assignors to Harvel Research Corporation. Compositions of matter and methods and steps of making and using the same. 2,366,526; Jan. 2.

Schaufus, Henry S., Baltimore, Md., assignor to Rustless Iron and Steel Corporation. Alloy steel and articles. 2,384,565; Sept. 11.

Schaufus, Henry S., Baltimore, Md., assignor to Rustless Iron and Steel Corporation. Working alloy steel and products thereof. 2,384,566; Sept. 11.

Schaufus, Henry S., Baltimore, Md., assignor to Rustless Iron and Steel Corporation. Alloy steel method and products. 2,384,567; Sept. 11.

Schaumann, Otto: *See*—
Bockmühl, M., Schaumann, Bartholomäus, and Ledischke.

Scheck, William, Ridgefield, N. J. Clamp wrench. 2,379,107; June 26.

Scheer, Hubert J., Collingswood, N. J., assignor to Abrasive Company, Philadelphia, Pa. Apparatus for introducing a coolant into grinding wheels. 2,380,332; July 10.

Scheg, Marcian A., assignor to General Railway Signal Company, Rochester, N. Y. Coded track circuit signaling system. 2,366,983; Jan. 9.

Scheg, Marcian A. Rochester, N. Y., and G. F. Wall, Allston, Mass., assignors to General Railway Signal Company, Rochester, N. Y. Coded track circuits for railroads. 2,366,984; Jan. 9.

Scheib, Robert C.: *See*—
Plunkett, B., and Scheib.

Scheibli, James R.: *See*—
Evans, T. W., Blackburn and Scheibli.

Scheid, Arthur A., Rochelle Park, N. J. Drinking fountain. 2,366,427; Jan. 2.

Scheidegger, Jakob, assignor to Society of Chemical Industry in Basle, Basel, Switzerland. Monoazo dyestuffs. 2,380,122; July 10.

Scheidemantel, Herman B.: *See*—
Luth, H. J., and Scheidemantel.

Scheiderbauer, Robert A., Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of polyvinyl ethers. 2,373,782; Apr. 17.

Scheiwer, Albert T., Erie, Pa. Coupling. 2,377,812; June 5.

Scheld, Wilmar F., and R. I. Weidaw, Wethersfield, Conn. Signal device. 2,376,278; May 15.

Scheldorf, Marvel W.: *See*—
Richardson, L. W., and Scheldorf.

Scheldorf, Marvel W., Schenectady, N. Y., assignor to General Electric Company. High frequency antenna. 2,390,333; July 10.

Schelkunoff, Sergei A., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. High frequency tanks and resonant cavities. 2,372,228; Mar. 27.

Schellens, Christopher A: *See*—
Coffin, J. S., Jr., and Schellens.

Schellentrager, Eugene W., Shaker Heights, Ohio, assignor to The Atlas Bolt & Screw Company. Trip device for scale mechanism. 2,384,345; Sept. 4.

Schellhaue, John P., Jr., assignor, by mesne assignments, to Owens-Illinois Glass Company, Toledo, Ohio. Machine for making stemware. 2,385,302; Sept. 18.

Schellin, John C., E. J. Housekeeper, and W. H. Brubaker, assignors to The Wooster Brass Company, Wooster, Ohio. Four-way nozzle. 2,380,642; Nov. 27.

Schenk, Carl R., Union, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine motor controller. 2,384,772; Sept. 11.

Schenk, Edouard: *See*—
Johnson, S., and Schenk.

Schenk, Everett M., New Providence, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Machine control. 2,387,532; Oct. 23.

Schenkel, Emil S., Woodmere, N. Y. Sign construction. 2,372,124; Mar. 20.

Schenker, Abraham W., assignor of one-half to W. Bierman, New York, N. Y. Bed or similar body resting appliance. 2,373,421; Apr. 10.

Schenker, Abraham W., New York, N. Y. Device for measuring pressures exerted by certain body portions on a support therefor. 2,378,039; June 12.

Schenker, Abraham W., New York, N. Y. Bed or similar body resting appliance. 2,391,746; Dec. 25.

Schenley Distillers Corporation: *See*—
Liebmann, A. J., and de Becze, assignors.

Scheppler, Edith F., New York, N. Y. Uniform cap. 2,389,689; Nov. 27.

Scheppmann, Wilhelm: *See*—
Wegener, G., and Scheppmann.

Scher, George, South Orange, N. J. Slide operated fastener. 2,382,261; Aug. 14.

Scher, Louis, Shaker Heights, assignor to The Tickometer Company, Cleveland, Ohio. Counting and printing mechanism. 2,378,250; June 12.

Scherbatskoy, Serge A., Tulsa, Okla. System and apparatus for measuring cloud height and thickness. 2,390,739; Dec. 11.

Scherbatskoy, Serge A., assignor to Engineering Laboratories, Inc., Tulsa, Okla. Amplifying apparatus. 2,376,195; May 15.

Scherbatskoy, Serge A., assignor to Well Surveys, Incorporated. Tulsa, Okla. Ionization chamber. 2,376,196; May 15.

Scherbatskoy, Serge A., Tulsa, Okla., assignor to Well Surveys, Incorporated. Central electrode support. 2,390,965; Dec. 11.

Scherbatskoy, Serge A., R. B. Fearon, and J. Neufeld, Tulsa, Okla., and G. Swift, Red Bank, N. J., assignors to Well Surveys, Incorporated, Tulsa, Okla. Well logging instrument. 2,376,821; May 22.

Scherer, John H., Narberth, assignor to Brown & Bailey Company, Philadelphia, Pa. Foldable box. 2,373,977; Apr. 17.

Scherer, Lewis F., and J. A. South, Houston, Tex., assignors to The Texas Company, New York, N. Y. Treating pipe lines. 2,382,262; Aug. 14.

Scherer, Robert P., assignor, by mesne assignments, to Gelatin Products Corporation, Detroit, Mich. Cap closure. 2,367,739; Jan. 23.

Scherer, Robert P., assignor, by mesne assignments, to Gelatin Products Corporation, Detroit, Mich. Feeder head. 2,367,802; Jan. 23.

Scherer, Robert P., assignor, by mesne assignments, to Gelatin Products Corporation, Detroit, Mich. Machine for forming capsulating material. 2,379,831; July 3.

Schering Corporation: *See*—
Butenandt, A., and Logemann, assignors.
Dannenbaum, Hans, assignor.
Inhoffen, Hans H., assignor.
Fleischer, G. A., and Schwenk, assignors.
Logemann, Willy, assignor.
Serini, A., Köster, and Strassberger, assignors.
Schwenk, E., and Henderson, assignors.
Tschesche, Rudolf, assignor.

Scherl, Egon B., Niagara Falls, N. Y., assignor to The Linde Air Products Company. Blowpipe. 2,385,107; Sept. 18.

Schermerhorn, Howard F.: *See*—
Keuffel, A. W., and Schermerhorn.

Scherry, George A., assignor to H. Goldberg, Chicago, Ill. Automatic stopping and starting generator set. 2,384,135; Sept. 4.

Scheuing, Georg, and B. Walach, Ingelheim-on-the-Rhine, Germany; vested in the Alien Property Custodian. Analgetically effective tetrahydronaphthalene piperidye derivatives. 2,369,611; Feb. 13.

Schey, Ira M., Jr., Bridgeport, Conn., assignor to General Electric Company. Electrical connector. 2,377,187; May 29.

Scheyer, Emanuel, New York, N. Y. Structural section for flexible welded connections. 2,382,583; Aug. 14.

Scheyer, Emanuel, New York, N. Y. Flexible welded structural connection. 2,382,584; Aug. 14.

Scheyer, Roy W., Chicago, Ill. Easel back for pictures. 2,380,076; July 10.

Schibler, Luzius, assignor to Society of Chemical Industry in Basle, Basel, Switzerland. Manufacture of casein. 2,372,986; Apr. 3.

Schick, John R., Santa Ana, Calif., assignor to Radio Corporation of America. Radio alarm system. 2,367,378; Jan. 16.

Schieman, Gustave, Bronx, N. Y., assignor to International Plastic Corporation, Morristown, N. J. Self-sealing paper envelope. 2,367,440; Jan. 16.

Schiemer, Charles J., Lancaster, assignor to Benner, Inc., Mountville, Pa. Latch device for floors of baby yards. 2,382,585; Aug. 14.

Schien, Harold: *See*—
Bilicker, Meyer, assignor.

Schien, James N.: *See*—
Walther, Lucian E., assignor.

Schier, Adolph J., assignor to Automotive Products, Inc., Atlanta, Ga. Gasoline mixture indicator. 2,373,055; Apr. 3.

Schiessler, Robert W.: *See*—
Patnode, W. I., and Schiessler.

Schiff, Karl L., Philadelphia, Pa. Dispensing device and arrangement thereof. 2,386,408; Oct. 9.

Schifter, Joseph, assignor, by mesne assignments, to Columbia Blindstitch Machine Co., Inc., New York, N. Y. Sewing machine. 2,390,126; Dec. 4.

Schildhauer, Walter E.: *See*—
Hediger, E., and Schildhauer.

Schill, Bernard J., and H. R. Traphagen, Rockford, Ill., assignors to J. I. Case Company, Racine, Wis. Actuating mechanism. 2,378,330; June 12.

Schiller, Harold, Los Angeles, Calif., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Bituminous protective compositions. 2,382,337; Aug. 14.

Schiller, Harold, Los Angeles, Calif., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Preparation of basic heavy metal soaps. 2,389,873; Nov. 27.

Schiller, James C., Baytown, Tex., assignor to Standard Oil Development Company. Halogenation of saturated hydrocarbons. 2,368,495; Jan. 30.

Schilling, Frederick A., Jr., Vancouver, British Columbia, Canada. Folding door. 2,383,744; Aug. 28.

Schilling, Karl F., Lakeland, Fla., A. T. Cole, Cartersville, Ga., J. B. Duke, Mulberry, and W. M. Houston, Lakeland, Fla., assignors to Minerals Separation North American Corporation, New York, N. Y. Concentrating ores. 2,382,178; Aug. 14.

Schilling, Richard M., and G. J. Mitchell, Minneapolis, Minn., assignors to General Mills, Inc. Root starch process. 2,380,874; July 31.

Schilling, Theodore F., et al.: *See*—
Perry, Edward W., assignor.

Schillinger, Linus, Syracuse, N. Y. Flag mounting. 2,368,783; Feb. 6.

Schillo, Albert G., Barrington, Ill. Can opener. 2,374,783; May 1.

Schimanek, Emil, Budapest, Hungary; vested in the Alien Property Custodian. Operation of internal-combustion engines with gas generators. 2,382,747; Aug. 14.

Schimkat, Henry, et al.: *See*—
Matt, Joseph, assignor.

Schindler, Frank S., assignor to The Brainard Steel Corporation, Warren, Ohio. Processing of metal strip and the like. 2,390,001; Nov. 27.

Schindler, Hans, Evanston, assignor to The Pure Oil Company, Chicago, Ill. Refining hydrocarbon oil. 2,367,803; Jan. 23.

Schindler, Walter R., Los Angeles, Calif. Manufacturing tying members. 2,371,357; Mar. 13.

Schirgun Corporation: *See*—
Schirokauer, Henry, assignor.

Schiring, Ralph C.: *See*—
Goldfield, E. R., Schiring, and Stava.

Schirm, Erik: *See*—
Hentrich, W., Englebrecht, and Schim.
Hentrich, W., Schirm, and Engelbrecht.

Schirm, Erik, Dessau, Anhalt, Germany; vested in the Alien Property Custodian. Production of higher molecular mercaptals and mercaptols. 2,369,612; Feb. 13.

Schirm, Margaret D.: *See*—
Casmire, Lyle J., assignor.

Schirokauer, Henry, New York, N. Y., assignor to Schirgun Corporation. Gun mechanism. 2,378,331; June 12.

Schirrmeister, Hans, Berlin-Siemensstadt, Germany; vested in the Alien Property Custodian. Refrigerator equipped with motor-driven refrigerating apparatus of the compression type. 2,390,162; Dec. 4.

Schjolin, Hans O., Pontiac, assignor by mesne assignments to General Motors Corporation, Detroit, Mich. Turbodrive control. 2,380,677; July 31.

Schlaanstine, Raymond F., Kennett Square, Pa., assignor to Hercules Powder Company, Wilmington, Del. Rosin modified phenol-aldehyde resin. 2,380,192; July 10.

Schlabach, Raymond M., Canton, Ohio. Glass cleaner. 2,386,066; Oct. 2.

Schlage Lock Company: *See*—
Hahir, Ward H., assignor.
Schlage, Walter R., assignor.
Schlage, W. R. and Hahir, assignors.

Schlage, Walter R., Burlingame, Calif. Door lock. 2,366,934; Jan. 9.

Schlage, Walter R., Burlingame, Calif. Door lock. 2,389,819; Nov. 27.

Schlage, Walter R., Burlingame, assignor to Schlage Lock Company, San Francisco, Calif. Door knob fastener. 2,369,494; Feb. 13.

Schlage, Walter R., Burlingame, assignor to Schlage Lock Company, San Francisco, Calif. Door lock. 2,370,690; Mar. 6.

Schlage, Walter R., Burlingame, assignor to Schlage Lock Company, San Francisco, Calif. Door lock. 2,370,691; Mar. 6.

Schlage, Walter R., Burlingame, and W. H. Hahir, San Mateo, assignors to Schlage Lock Company, San Francisco, Calif. Door lock. 2,380,708; July 31.

Schlegel, Carl F., Brighton, assignor to The Schlegel Manufacturing Company, Rochester, N. Y. Polishing disk. 2,366,877; Jan. 9.

Schlegel Manufacturing Company, The: *See*—
Schlegel, Carl F., assignor.

Schleich, Hans: *See*—
Pfannmuller, J., Schade, and Schleich.

Schleifer, Carlo, Milan, Italy; vested in the Alien Property Custodian. Supporting and actuating means for vertically reciprocating members. 2,370,328; Feb. 27.

Schleisner, George W., Janesville, Wis. Outboard motor support. 2,379,256; June 26.

Schlenker, Rudolf P., Lynnfield, Mass., assignor to General Electric Company. Elastic fluid turbine arrangement. 2,386,067; Oct. 2.

Schlenkert, John E., Detroit, Mich. Ceiling hanger. 2,376,279; May 15.

Schlenzig, Carl S., Upper Darby, Pa. Power-driven tool. 2,372,125; Mar. 20.

Schlesinger, Benjamin, Brooklyn, assignor to Railroad Accessories Corporation, New York, N. Y. Lightning arrester. 2,386,720; Oct. 9.

Schlesinger, Jacob, Brooklyn, assignor to Man-Sew Pinking Attachment Corp., New York, N. Y. Garment trimming apparatus. 2,377,907; June 12.

Schlesinger, Kurt, West Lafayette, Ind., assignor to Radio Corporation of America. Electronic relay. 2,366,357; Jan. 2.

Schlesinger, Kurt, West Lafayette, Ind., assignor to Radio Corporation of America. Television amplifier circuit. 2,366,358; Jan. 2.

Schlesinger, Kurt, West Lafayette, Ind., assignor to Radio Corporation of America. Frequency divider. 2,375,950; May 15.

Schlesinger, Kurt, West Lafayette, Ind., assignor to Radio Corporation of America. Oscillation generator. 2,383,822; Aug. 28.

Schlesinger, Kurt, West Lafayette, Ind., assignor to Radio Corporation of America. Video amplifier. 2,384,263; Sept. 4.

Schlesman, Carleton H.: *See*—
Francis, A. W., and Schlesman.

Schlesman, Carleton H., Camden, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Hydrocarbon synthesis. 2,378,429; June 19.

Schlieben, Ernest W., Scarsdale, N. Y., A. S. Ogden, Upper Darby, Pa., and I. Berler, Brooklyn, assignors to York Research Corporation, New York, N. Y. System and apparatus for determining the distribution of the load in an aircraft. 2,373,504; Apr. 10.

Schlifer, Frederick, Toronto, Ontario, Canada. Locking mechanism. 2,373,783; Apr. 17.

Schloss, Fritz, South Norwalk, Conn. Toy bomb. 2,390,002; Nov. 27.

Schloss, Morris, New York, N. Y. Automatic stitching device. 2,373,784; Apr. 17.

Schloss, Morris, New York, N. Y. Automatic device for stitching hat brims. 2,389,388; Nov. 20.

Schlosser, Paul H., and K. R. Gray, Shelton, Wash., assignors to Rayonier Incorporated, San Francisco, Calif. Viscose production. 2,373,712; Apr. 17.

Schlotthauer, Herman, Chicago, Ill. Shaver. 2,376,197; May 15.

Schlueter, Ernest, Hollis, N. Y. Slotted screw. 2,384,264; Sept. 4.

Schlumberger, Marcel, Paris, France; vested in the Alien Property Custodian. Gun perforator. 2,381,081; Aug. 7.

Schlumberger, Marcel, Saint Gaudens, Haute Garonne, France; vested in the Alien Property Custodian. Well conditioning apparatus. 2,381,929; Aug. 14.

Schlumberger Well Surveying Corporation: *See*—
Agnew, Robert D., assignor.
Aiken, Charles B., assignor.

Schlumbohm, Peter, New York, N. Y. Whirlpool flask. 2,387,092; Oct. 16.

Schmarion, Herman, Bronx, N. Y. Protecting device and using said device. 2,379,191; June 26.

Schmarion, Herman, New York, N. Y. Prism system. 2,380,469; July 31.

Schmelkes, Franz C., Montclair, assignor to Wallace & Tiernan Products, Inc., Belleville, N. J. Monoalkyl ethers of hexestrol and producing same. 2,385,472; Sept. 25.

Schmelkes, Franz C., Montclair, N. J., and F. J. G. de Leeuw, East Aurora, N. Y., assignors to Wallace & Tiernan Products Inc. Composite therapeutic film. 2,381,621; Aug. 7.

Schmelter, Gordon P.: *See*—
Freeman, R. D., and Schmelter.

Schmerling, Louis: *See*—
Ipatieff, V. N., and Schmerling.

Schmerling, Louis, Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Manufacture of alkanoic acids. 2,370,494; Feb. 27.

Schmerling, Louis, assignor to Universal Oil Products Company, Chicago, Ill. Alkylation of aromatic compounds. 2,385,303; Sept. 18.

Schmerling, Louis, and V. N. Ipatieff, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of aromatic hydrocarbons. 2,369,495; Feb. 13.

Schmerling, Louis, and V. N. Ipatieff, assignors to Universal Oil Products Company, Chicago, Ill. Catalyst manufacture. 2,369,691; Feb. 20.

Schmerling, Louis, and V. N. Ipatieff, assignors to Universal Oil Products Company, Chicago, Ill. Alkylation of aromatic hydrocarbons. 2,375,041; May 1.

Schmerling, Louis, and V. N. Ipatieff, assignors to Universal Oil Products Company, Chicago, Ill. Production of aromatic ketones. 2,386,007; Oct. 2.

Schmerling, Louis, and V. N. Ipatieff, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,388,937; Nov. 13.

Schmid, Carl J., assignor to Julius Schmid, Inc., New York, N. Y. Package and method of packing. 2,390,900; Dec. 11.

Schmid, Emil, Washington, D. C. Pillow. 2,373,422; Apr. 10.

Schmid, Julius, Inc.: *See*—
Fingado, G. A., and Ludwig, assignors.
Schmid, Carl J., assignor.

Schmid, Lukas: *See*—
Priuse, E., and Schmid.

Schmid, René, Lausanne, Switzerland. Vacuum work holder. 2,366,935; Jan. 9.

Schmidinger, Joseph, Lake George, N. Y. Thermal switch and relay. 2,388,712; Nov. 13.

Schmidt, Agnes L., Beverly Hills, Calif. Suction clothes-brush. 2,374,461; Apr. 24.

Schmidt, August, Jr.: *See*—
Mittag, A. H., and Schmidt.

Schmidt, August, Jr., Niskayuna, N. Y., assignor to General Electric Company. Electric valve circuit. 2,366,561; Jan. 2.

Schmidt, August, Jr., Schenectady, N. Y., assignor to General Electric Company. Electrode support. 2,367,966; Jan. 23.

Schmidt, Benjamin F., Los Angeles, Calif. Nibbler attachment for power machines. 2,387,411; Oct. 23.

Schmidt, Charles B., Buffalo, N. Y. Focusing attachment for cameras. 2,381,228; Aug. 7.

Schmidt, David, Lakewood, assignor to The Dobeckmun Company, Cleveland, Ohio. Bag and making same. 2,370,079; Feb. 20.

Schmidt, Edward P., Hollywood, Ill. Bearing clutch. 2,391,350; Dec. 18.

Schmidt, Francis W., Chicago, Ill. Stylus. 2,385,945; Oct. 2.

Schmidt, Gerhard, Berlin, Germany; vested in the Alien Property Custodian. Self-interrupter. 2,387,616; Oct. 23.

Schmidt, Gottfried J., Pearl River, assignor to Bowling Patents Management Corporation, New York, N. Y. Ball and pin handling mechanism for bowling pin setting machines. 2,389,643; Nov. 27.

Schmidt, Heinrich, Niedercunnersdorf, Germany; vested in the Alien Property Custodian. Bleaching process for fluids. 2,369,757; Feb. 20.

Schmidt, Henry, Forsyth, Mont. Smut remover and grain cleaner. 2,388,243; Nov. 6.

Schmidt, Henry F., Lansdowne, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Blower apparatus. 2,381,777; Aug. 7.

Schmidt, Henry F., Lansdowne, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Blower apparatus. 2,390,332; Dec. 4.

Schmidt, Henry W., Wilmette, Ill., assignor to General Motors Corporation, Detroit, Mich. Engine turning means. 2,388,803; Nov. 13.

Schmidt, Herbert W., assignor to The Dow Chemical Company, Midland, Mich. Cold-working magnesium alloy tubes. 2,378,729; June 19.

Schmidt, Hermann H., Hanover, Kans., assignor to The Universal Royalty and Developing Company, St. Joseph, Mo. Spraying, blending, and impregnating method. 2,374,462; Apr. 24.

Schmidt, James M., Philadelphia, Pa. Internal and external milling attachment. 2,372,913; Apr. 3.

Schmidt, Johannes: *See*—
Gosslau, F., and Schmidt.
Gosslau, F., Schmidt, and Weiche.
Gosslau, F., Schmidt, and Zarnack.

Schmidt, John E., Oak Park, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Apparatus for testing cans for leaks. 2,391,351; Dec. 18.

Schmidt, John E., Oak Park, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Knot tightening device. 2,391,644; Dec. 25.

Schmidt, Lewis W.: *See*—
Lea, H. V., and Schmidt.
Lea, H. V., Schmidt, and du Bose.

Schmidt, Lloyd K., et al.: *See*—
Lea, H. V., and Schmidt, assignors.
Lea, H. V., Schmidt, and du Bose, assignors.

Schmidt, Martin, Weende, near Gottingen, and K. Gmöhling, Gottingen, Germany; vested in the Alien Property Custodian. Nut. 2,371,927; Mar. 20.

Schmidt, Marvin T: *See*—
Scholz, H. A., Wise, Gill, and Schmidt.

Schmidt, Maximilian P., Wiesbaden-Biebrich, and G. von Poser, Wiesbaden, Germany; vested in the Alien Property Custodian. Photographic printing material. 2,378,583; June 19.

Schmidt, Paul, Wytheville, Va. Full-fashioned stocking and producing the same. 2,390,003; Nov. 27.

Schmidt, Rudolf: *See*—
Reeg, H., and Schmidt.

Schmidt, Vernon J., Long Beach, Calif. Race track. 2,387,859; Oct. 30.

Schmidt, Willi, and K. Seydel, Ludwigshafen-on-the-Rhine, Germany; vested in the Alien Property Custodian. Production of cyclic oxygen compounds. 2,387,617; Oct. 23.

Schmidt, William A.: *See*—
Gladfelter, W. I., and Schmidt.

Schmidt, Willy A.: *See*—
Coroniti, S. C., and Schmidt.

Schmied, William F., Blue Island, Ill., assignor to International Harvester Company. Wheel truck mounting. 2,387,093; Oct. 16.

Schmieder, William, Ridgewood, assignor to A. J. Heidt, New York, N. Y. Safety lamp guard. 2,385,655; Sept. 25.

Schmitt, Alfred, Buffalo, N. Y. Tube bending machine. 2,389,937; Nov. 27.

Schmitt, Arthur J., Foundation, The: *See*—
Schmitt, Arthur J.

Schmitt, Arthur J., Chicago, Ill. Electrical connector. 2,371,551; Mar. 13.

Schmitt, Arthur J., Chicago, Ill., assignor to D. B. Alexander, C. V. Wisner, Jr., and J. F. Mannion, as trustees of The Arthur J. Schmitt Foundation. Socket. 2,376,625; May 22.

Schmitt, Friedrich, Chemnitz, Germany, assignor to American Hyalsol Corporation, Wilmington, Del. Bating composition. 2,369,256; Feb. 13.

Schmitt, George P., assignor to Cardinal Products Inc., New York, N. Y. Catalytic lighter. 2,368,381; Jan. 30.

Schmitt, George P., assignor to Cardinal Products Inc., New York, N. Y. Catalytic heater. 2,384,852; Sept. 18.

Schmitt, Otto A., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Can body feed timing mechanism. 2,371,926; Mar. 20.

Schmitt, Richard H., Schenectady, N. Y., assignor to General Electric Company. Electric resistor. 2,383,823; Aug. 28.

Schmitt, Walter H.: *See*—
Schmitt, Walter W. and W. H.

Schmitt, Walter W. and W. H., Detroit, Mich. Boat. 2,375,139; May 1.

Schmitter, Walter P., Wauwatosa, assignor to The Falk Corporation, Milwaukee, Wis. Marine drive. 2,368,885; Feb. 6.

Schmitz, Robert M., Milford, Conn. Deburring machine. 2,377,108; May 29.

Schmitz, Werner, Grenchen, Switzerland. Watertight watchbase. 2,366,985; Jan. 9.

Schmitz, Werner, Grenchen, Switzerland. Watchcase. 2,385,234; Sept. 18.

Schmitz, William, Miami, Fla. Trolling spoon; 2,379,660; July 3.

Schmitz, William R., Jr., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Material feeding apparatus. 2,383,085; Aug. 21.

Schmucker, Earl T., Rapid City, S. Dak. Torque controlled electric motor. 2,387,533; Oct. 23.

Schmued, Edgar, assignor to North American Aviation, Inc., Inglewood, Calif. Adjustable chair. 2,369,076; Feb. 6.

Schnable, Albert E., Ocean Grove, N. J. Tool head or the like. 2,387,412; Oct. 23.

Schneckloth, Harry H., Forest Hills, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,372,022; Mar. 20.

Schneckloth, Edward H., Davenport, Iowa. Combined fairing and chock for aircraft. 2,390,127; Dec. 4.

Schneebalg, Olga, et al.: *See*—
Konikoff, Robert H., assignor.

Schneible, Claude B., Detroit, Mich. Separation of solids in a medium. 2,368,263; Jan. 30.

Schneible, Claude B., Detroit, Mich. Separating apparatus. 2,378,798; June 19.

Schneible, Claude B., and C. C. Hermann, Detroit, Mich.; said Hermann assignor to said Schneible. Separating apparatus. 2,374,238; Apr. 24.

Schneider, Adolf, and E. Ungethuem, Karlsruhe, Baden, Germany; vested in the Alien Property Custodian. Toggle lever press. 2,387,041; Oct. 16.

Schneider, Benjamin B.: *See*—
Podbielniak, Walter J., assignor.

Schneider, Edgar R., assignor to Carter Carburetor Corporation, St. Louis, Mo. Carburetor improvement. 2,370,584; Feb. 27.

Schneider, Edward J. Bellerose, N. Y. Jacob's ladder. 2,373,346; Apr. 10.

Schneider, Elbert D.: *See*—
Kubler, E. F., Schneider, and Nonken.

Schneider, Elbert D., Scotia, N. Y., assignor to General Electric Company. Control system. 2,367,619; Jan. 16.

Schneider, Eugene S., Los Angeles, Calif. Coat hanger. 2,385,588; Sept. 25.

Schneider, Frank H., assignor to Florence Stove Company, Gardner, Mass. Oil burner ignition means. 2,373,266; Apr. 10.

Schneider, George, Montclair, N. J., and M. E. Martin, Cumberland, Md., assignors to Celanese Corporation of America. Resilient materials. 2,371,710; Mar. 20.

Schneider, Harvey S., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Lifting tool for elevator chains. 2,377,270; May 29.

Schneider, Herbert H., East Cleveland, Ohio, assignor to The American Steel and Wire Company of New Jersey. Spheroidizing S. A. E. 2300 series steels. 2,376,454; May 22.

Schneider, Josef, Oberursel in Taunus, Germany; vested in the Alien Property Custodian. Production of porous bodies. 2,371,928; Mar. 20.

Schneider, Max, Brooklyn, N. Y. Skin assembling method and product. 2,385,884; Oct. 2.

Schneider, Rolf E., Jackson Heights, assignor to The Lummus Company, New York, N. Y. Styrene distillation. 2,385,235; Sept. 18.

Schneider, Stanley S.: *See*—
Gregory, L. W., and Schneider.

Schneider, Stanley S., Halethorpe, and L. W. Gregory, Baltimore, Md., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Multiple-channel inductive heating apparatus. 2,385,031; Sept. 18.

Schneider, Theodor, Zurich, Switzerland. Mounting for automatic firearms arranged on aircraft. 2,380,470; July 31.

Schneider, Walter H., Ridgefield, N. J., assignor to Keuffel & Esser Company, Hoboken, N. J. Drawing instrument. 2,390,466; Dec. 4.

Schneider, Wilhelm: *See*—
Fröhlich A., and Schneider.
Frolich, A., and Schneider.

Schneider, Wilhelm, Dessau, Germany, assignor to General Aniline & Film Corporation, New York, N. Y. Photographic multicolor images. 2,374,505; Apr. 24.

Schneider, Wilhelm, and A. Fröhlich, Dessau, and G. Neugebauer, Bitterfeld, Germany; vested in the Alien Property Custodian. Production of color photographic images. 2,376,822; May 22.

Schnell, Steve, Kirkwood, assignor to Wagner Electric Corporation, St. Louis, Mo. Fluid pressure system. 2,368,043; Jan. 23.

Schnell, Steve, Kirkwood, assignor to Wagner Electric Corporation, St. Louis, Mo. Yieldable device. 2,372,023; Mar. 20.

Schnell, Steve, Kirkwood, assignor to Wagner Electric Corporation, St. Louis, Mo. Yieldable device. 2,373,505; Apr. 10.

Schnell, Steve, Kirkwood, assignor to Wagner Electric Corporation, St. Louis, Mo. Fluid pressure compounding system. 2,373,506; Apr. 10.

Schnell, Steve, Kirkwood, assignor to Wagner Electric Corporation, St. Louis, Mo. Pump. 2,376,016; May 15.

Schnell, Steve, Kirkwood, assignor to Wagner Electric Corporation, St. Louis, Mo. Fluid pressure compounding system. 2,377,813; June 5.

Schnell, Steve, Kirkwood, assignor to Wagner Electric Corporation, St. Louis, Mo. Brake shoe adjusting means. 2,380,795; July 31.

Schnell, Steve, Kirkwood, assignor to Wagner Electric Corporation, St. Louis, Mo. Centralizing device for brake shoes. 2,380,796; July 31.

Schnell, Steve, Kirkwood, assignor to Wagner Electric Corporation, St. Louis, Mo. Ratio changing fluid pressure system. 2,381,004; Aug. 7.

Schnell, Steve, Kirkwood, assignor to Wagner Electric Corporation, St. Louis, Mo. Fluid pressure compounding system. 2,381,930; Aug. 14.

Schnell, Steve, Kirkwood, assignor to Wagner Electric Corporation, St. Louis, Mo. Braking system. 2,382,263; Aug. 14.

Schnell, Steve, Kirkwood, assignor to Wagner Electric Corporation, St. Louis, Mo. Industrial brake. 2,384,346; Sept. 4.

Schnell, Steve, Kirkwood, assignor to Wagner Electric Corporation, St. Louis, Mo. Centralising means for brake shoes. 2,391,074; Dec. 18.

Schneller, George H.: *See*—
Manchey, L. L., and Schneller.

Schneller, Rudy F.: *See*—
Rotter, L. C., Klein, Reisert, and Schneller.

Schnerb, Isaac: *See*—
Bloch, R., and Schnerb.

Schnider, Otto, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Manufacture of pantothenic acid and the salts thereof. 2,377,814; June 5.

Schnider, Otto, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Pyridine derivatives and manufacture of same. 2,384,136; Sept. 4.

Schnider, Otto, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Manufacture of pyridine derivatives. 2,384,137; Sept. 4.

Schnider, Otto, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Alkylated phenyl-isopropyl-amines and the manufacture of same. 2,384,700; Sept. 11.

Schnitzer, Benjamin J.: *See*—
Cooper, J. F., Schnitzer, and Flickinger.

Schnur, Mathew, Chicago, Ill. Lock. 2,390,467; Dec. 4.

Schoch, Thomas J., La Grange, Ill., assignor to Corn Products Refining Company, New York, N. Y. Modification of starch. 2,386,509; Oct. 9.

Schock, Gusmer & Co., Inc.: *See*—
Schock, R. C., assignor.

Schock, Robert C., New Rochelle, assignor to Schock, Gusmer & Co., Inc., Hoboken, N. J. Device for regulating the height of masher arms. 2,382,264; Aug. 14.

Schoelkopf, Louis F., Madison, Wis. Inertia door operating device. 2,380,334; July 10.

Schoen, August C., Philadelphia, Pa. Saw filing device. 2,376,941; May 29.

Schoen, Edward H., Honolulu, Hawaii. Engine crank shaft to piston connecting mechanism. 2,390,558; Dec. 11.

Schoen, Fred C., Roselle Park, N. J., D. F. Evans, Queens Village, N. Y., and F. C. T. Schoen, Elizabeth, N. J. Marine steering apparatus. 2,391,645; Dec. 25.

Schoen, Fred C. T.: *See*—
Schoen, F. C., Evans, and Schoen.

Schoenberg, Benjamin, Corona, N. Y. Switch operating device. 2,382,823; Aug. 14.

Schoenfeld, Frank K., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Preplasticized vinyl polymers. 2,373,347; Apr. 10.

Schoenfeld, Frank K., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Polymerization in aqueous emulsion. 2,380,554; July 31.

Schoeniger, William, Crichton, Ala. Layout and drill jig. 2,373,918; Apr. 17.

Schoenlaub, Robert A.: *See*—
Lee, H. C., Lee, and Schoenlaub.

Schoepfer, Alfred C., and J. W. Parker, Detroit, Mich. Garment stretcher. 2,390,004; Nov. 27.

Schoepflin, Paul H., New York, and C. N. Deverall and R. C. Stutz, assignors to Niagara Blower Company, Buffalo, N. Y. Heat exchange device. 2,379,932; July 10.

Schoeppner Karl P., Milwaukee, Wis. Multiple bit toolholder. 2,382,106; Aug. 14.

Schoessow, Earl E., Barberton, Ohio, assignor to The Babcock & Wilcox Company, Newark, N. J. Penstock and fabricating penstocks. 2,391,747; Dec. 25.

Schofield, Earl L., Auburn, Ind., and W. T. Jacobs, assignors to Henney Motor Company, Freeport, Ill. Foldable stretcher handle. 2,371,711; Mar. 20.

Schofield, Earl L., assignor to Henney Motor Company, Freeport, Ill. Ambulance. 2,387,186; Oct. 16.

Schofield, Elbert O., Centralia, Wash. Gaff hook. 2,372,743; Apr. 3.

Scholes, Richard T., Hinsdale, Ill. Rail fastening means. 2,385,032; Sept. 18.

Schoilfield, Richard P., assignor to Scholfield Service, Inc., New York, N. Y. Filing apparatus. 2,368,162; Jan. 30.

Scholfield Service, Inc.: *See*—
Scholfield, Richard P., assignor.

Scholl, Charles F., Chicago, and R. W. Bergman, Lockport, assignors to The Scholl Mfg. Co., Inc., Chicago, Ill. Helmet construction. 2,371,712; Mar. 20.

Scholl, Clark, assignor to The Steel Products Engineering Company, Springfield, Ohio. Fuel feeding apparatus. 2,369,370; Feb. 13.

Scholl Mfg. Co., Inc.: *See*—
Scholl, C. F., and Bergman, assignors.

Scholl, William M., Chicago, Ill. Method and apparatus for fitting thermoplastic arch supports. 2,367,804; Jan. 23.

Scholz, Herman A., Evanston, J. K. Wise, Chicago, J. W. Gill, Elmhurst, and M. T. Schmidt, assignors to United States Gypsum Company, Chicago, Ill. Coating compositions. 2,379,402; June 26.

Scholz, Louis A., Dayton, Ohio. Stereoscopic modeling machine. 2,386,816; Oct. 16.

Schonberg, Jackson R., Westfield, N. J., assignor to Standard Oil Development Company. Treating hydrocarbon fluids. 2,370,816; Mar. 6.

Schonberg, Jackson R., Westfield, and R. A. Given, Elizabeth, N. J., assignors to Standard Oil Development Company. Settler. 2,375,590; May 8.

Schonert, Koester E., and W. C. Hatfield, assignors to Airadio Incorporated, Stamford, Conn. Locking mount. 2,376,280; May 15.

Schonitzer, Rudolph I.: *See*—
Allen, E. L., and Muster, assignors.
Muster, Harold B., assignor.

Schonitzer, Rudolph I., Shaker Heights, Ohio. Tread block core for endless tracks and the like. 2,371,071; Mar. 6.

Schonitzer, Rudolph L., Shaker Heights, Ohio. Rotary bolt for door latches. 2,374,840; May 1.

Schonitzer, Rudolph L., Shaker Heights, and E. L. Allen, and H. B. Muster, Cleveland Heights, Ohio; said Allen and said Muster assignors to said Schonitzer. Connection box for electrical terminals. 2,383,518; Aug. 28.

Schonitzer, Rudolph L., Shaker Heights, and E. L. Allen, and H. B. Muster, Cleveland Heights, Ohio; said Allen and said Muster assignors to said Schonitzer. Connection box for electrical terminals. 2,383,621; Aug. 28.

Schoolfield, Lucille D., and J. B. Timberlake, Washington, D. C. Educational device. 2,369,804; Feb. 20.

Schoonderwoerd, Jacobus G.: *See*—
Moritz, A. J. L., Schoonderwoerd, Van Dobbenburgh, and Markwood, assignors.

Schoonmaker, James M., Jr., Sewickley, and F. Stockton, assignors to Standard Steel Spring Company, Coraopolis, Pa. Producing protected metal articles. 2,381,778; Aug. 7.

Schoonover, William R.: *See*—
Sconce, J. S., Rucker, Whitmire, and Schoonover.

Schopmeyer, Herman H.: *See*—
Daly, R. E., Frankenfield, and Schopmeyer.

Schorer Corporation: *See*—
Schorer, Herman, assignor.

Schorer, Herman, Valhalla, assignor to Schorer Corporation, New York, N. Y. Prestressing reinforcing device for concrete. 2,378,584; June 19.

Schorer, Otto J., Northampton, Mass., assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Feeding mechanism. 2,385,946; Oct. 2.

Schorl, Fritz, Wetzikon, assignor to Bauer A. G. Zurich, Switzerland. Pin tumbler lock. 2,379,040; June 26.

Schorn, Carl F., Detroit, Mich., assignor to G. M. and E. Holley. Spark, supercharger, and throttle control. 2,389,003; Nov. 13.

Schorovsky, Agnes, New York, N. Y. Buoyant apparel. 2,374,506; Apr. 24.

Schott, John F., E. A. Luxenberger, and G. W. Blair, Mishawaka, Ind., assignors to United States Rubber Company, New York, N. Y. Method and apparatus for producing latex foam. 2,376,281; May 15.

Schottland, Edward, Forest Hills, assignor of one-half to R. Schottland, Jackson Hieghts, N. Y. Grinding machine. 2,371,552; Mar. 13.

Schottland, Robert: *See*—
Schottland, Edward, assignor.

Schotz, Otto W., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Synchromesh transmission. 2,369,861; Feb. 20.

Schotz, Otto W., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Synchromesh transmission. 2,376,512; May 22.

Schrader, Harold D., Great Falls, assignor to Sullivan Valve and engineering Company, Butte, Mont. Gas burner. 2,367,143; Jan. 9.

Schrader, Walter, Garden City, assignor to American Soil Products Co., Inc., New York, N. Y. Garden seeder. 2,388,501; Nov. 6.

Schrage, Frederick S., Rock Island, Ill., assignor, by mesne assignments, to The Bettendorf Company, Bettendorf, Iowa. Car truck. 2,366,784; Feb. 6.

Schramm, Carl, North Coventry, assignor to Smyth Manufacturing Company, Hartford, Conn. Book signature feeding method. 2,390,901; Dec. 11.

Schramm, Roy A., assignor of forty per cent to E. S. Johnson, Bay City, Mich. Grinding attachment for lathes. 2,380,335; July 10.

Schraner, Albert P.: *See*—
Egger, Walter F., assignor.

Schraner, A. P., & Co.: *See*—
Egger, Walter F.

Schrank, Max C., Bridgeton, N. J. Sleeve construction. 2,368,573; Jan. 30.

Schreck, Henry, Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Hydraulic operating unit. 2,384,701; Sept. 11.

Schreffler, Carl B.: *See*—
Arnold, A., and Schreffler.

Schreiber, Frederic, Detroit, Mich. Cervical collar. 2,389,690; Nov. 27.

Schreiber, Fredrick D., Darmont, Pa. Gas purification. 2,386,359; Oct. 9.

Schreiber, Herman, Lansing, Mich. Purifying diffusion juice. 2,379,319; June 26.

Schreiber, Raymond P., and W. McC. Lee, Washington, D. C., assignors to Government of the United States of America, as represented by the Secretary of War and his successors in office. Temperature indicator. 2,379,459; July 3.

Schreiber, Richard S.: *See*—
Hoffman, W. A., and Schreiber.
Miller, H. C., and Schreiber.

Schreiber, Rudolph E., Chicago, Ill. Buckle. 2,384,197; Sept. 4.

Schreiber, William, assignor to The Atlantic Refining Company, Philadelphia, Pa. Stabilized lubricant composition. 2,370,080; Feb. 20.

Schreyer, Edward P., Milwaukee, Wis. Pressing iron. 2,384,644; Sept. 11.

Schrimpe, Conrad F.: *See*—
Rector, C., and Schrimpe.

Schriner, Oliver L., Attica, N. Y. Burglar alarm. 2,374,139; Apr. 17.

Schröder, Alf, Brooklyn, N. Y. Combustion engine. 2,381,465; Aug. 7.

Schroder, Arvid M., Worcester, Mass. Universal standard. 2,379,379; June 26.

Schroder, Charles H., Philadelphia, Pa., assignor to Bernitz Furnace Appliance Company, Boston, Mass. Gas generator. 2,371,929; Mar. 20.

Schröder, Ernst: *See*—
Elasner, G. and Schröder.

Schroder, Paul W., Covington, Ky. Control valve for work ejectors. 2,385,733; Sept. 25.

Schroder, Walter L., Hortonville, and T. A. Rogers, deceased, by E. H. Rogers, Stevens Point, Wis., executrix. Canning green vegetables. 2,390,468; Dec. 4.

Schroeder, Alfred C., Feasterville, Pa., assignor to Radio Corporation of America. Keyed multifrequency negative resistance apparatus. 2,389,004; Nov. 13.

Schroeder, Charles S., Philadelphia, Pa., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Lift truck. 2,367,061; Jan. 9.

Schroeder, Charles S., Philadelphia, Pa., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Electric connector. 2,369,860; Feb. 20.

Schroeder, Ernest R., Hawthorne, N. J., assignor to American Car and Foundry Company, New York, N. Y. Safety lock lever. 2,370,998; Mar. 6.

Schroeder, Ernest R., Hawthorne, N. J., assignor to American Car and Foundry Company, New York, N. Y. Sliding safety lock lever. 2,388,188; Oct. 30.

Schroeder, Ernest R., Hawthorne, and V. Willoughby, Ridgewood, N. J., assignors to American Car and Foundry Company, New York, N. Y. Articulated car. 2,373,348; Apr. 10.

Schroeder, Frank J., Cleveland, Ohio. Nonskid attachment for crutches or canes. 2,376,282; May 15.

Schroeder, Robert J.: *See*—
Curtis, R. R., and Schroeder.

Schroeder, Wesley D.: *See*—
Britton, E. C., Coleman, and Schroeder.
Coleman, G. H., Schroeder, and Griess.

Schroeppel, Harold H., Glen Rock, N. J., assignor to American Telephone and Telegraph Company. Telephone system. 2,367,062; Jan. 9.

Schroeter, Bruno, assignor to O. & S. Bearing Company, Detroit, Mich. Self-lubricating bearing. 2,368,886; Feb. 6.

Schrom, Oscar G.: *See*—
Barrajia-Frauenfelder, J., and Schrom.

Schroth, Adolf, New-Kalles, Germany; vested in the Alien Property Custodian. Safety paper. 2,378,585; June 19.

Schroy, Paul C., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparing melamine resin and product thereof. 2,385,383; Sept. 25.

Schroy, Paul C., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Heat-treated asbestos filled molding composition. 2,385,384; Sept. 25.

Schroy, Paul C., J. Grabowski, and M. J. Scott, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Producing molding compositions and the products thereof. 2,388,293; Nov. 6.

Schubart, Frederick C., Cleveland, Ohio, assignor to American Cyanamid Company, New York, N. Y. Production of chlorinated carbocyclic carboxylic acids. 2,389,088; Nov. 13.

Schubert, Alvin E., assignor to Eastman Kodak Company, Rochester, N. Y. Automatic adjustment of lens diaphragms. 2,389,087; Nov. 13.

Schubert, Alvin E., H. P. Hintz, and H. J. Stettner, assignors to Eastman Kodak Company, Rochester, N. Y. Control for record handling and copying apparatus. 2,391,274; Dec. 18.

Schubert, Andrew J., Burbank, and H. S. Adelhanof, Sherman Oaks, assignors to Lockheed Aircraft Corporation, Burbank, Calif. Flanged metal article and making same. 2,384,402; Sept. 4.

Schubert, Carl E., Lansing, Mich. Turnbuckle securing device. 2,367,740; Jan. 23.

Schubert, Edwin L., Philadelphia, Pa. Hosiery and making same. 2,375,253; May 8.

Schubert, Ernst, Jonsdorf, near Zittau, and H. Pierer, Zittau, Germany; vested in the Alien Property Custodian. Dyeing and finishing of textiles. 2,369,613; Feb. 13.

Schubert, Otto.: *See*—
Abrams, O. A., and Schubert.

Schuchardt, John R., Bayside, N. Y. Pressure casting machine. 2,386,271; Oct. 9.

Schuchmann, Hans: *See*—
Ruska, E., Schuchmann, Ruska, and Müller.

Schuck, Carl L., Philadelphia, Pa., assignor to General Electric Company. Electrical fuse device. 2,382,265; Aug. 14.

Schuck, Carl L., Philadelphia, Pa., assignor to General Electric Company. Circuit interrupter. 2,391,748; Dec. 25.

Schuckers, John M., assignor to The Hilliard Corporation, Elmira, N. Y. Clutch. 2,370,199; Feb. 27.

Schuckers, John M., assignor to The Hilliard Corporation, Elmira N. Y. Clutch. 2,371,653; Mar. 20.

Schueller, Frank R., assignor to The Chas. W. Breneman Company, Cincinnati, Ohio. Window shade and supporting bracket. 2,375,496; May 8.

Schuff, Walter: *See*—
Feisst, W., Roelen, and Schuff.

Schug, Howard L., Palo Alto, Calif., assignor to The Hoover Company, North Canton, Ohio. Refrigeration. 2,366,562; Jan. 2.

Schuh, Charles, Brooklyn, N. Y., assignor to Carbide and Carbon Chemicals Corporation. Light-weight nonmetallic composition containing palmetto pith. 2,382,448; Aug. 14.

Schuh, William H., Aberdeen, assignor to Grays Harbor Chair & Mfg. Company, Hoquiam, Wash. Typewriter support. 2,370,607; Feb. 27.

Schukraft, William, Chicago, Ill. Bending metal strips. 2,368,163; Jan. 30.

Schüler, Hugo, and H. Grüttner, Chemnitz, and E. Dronigke, Sommerda, Germany; vested in the Alien Property Custodian. Calculating typewriter. 2,387,618; Oct. 23.

Schuller, John H., New Castle, Pa. Amphibious boat. 2,376,626; May 22.

Schulman, Henry H., Bronx, and M. Olswang, Queens, N. Y. Fountain pen. 2,369,080; Feb. 6.

Schultis, Carl T.: *See*—
Fleischbauer, R., Müller, and Schultis.

Schultz, Alfred and C., Upham, N. D. Farm implement. 2,381,005; Aug. 7.

Schultz, Alfred S., and L. Atkin, Bronx, and C. N. Frey, Scarsdale, assignors to Standard Brands Incorporated, New York, N. Y. Pantothenic acid formation. 2,377,044; May 29.

Schultz, Arthur C.: *See*—
Bunting, A. L., and Schultz.

Schultz, Arthur F.: *See*—
Chapman, S. H., and Schultz.
Foresman, R. A., Mosshart, and Schultz.

Schultz, Arthur F., Springfield, and D. J. Mosshart, Ardmore, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Stoker apparatus. 2,391,596; Dec. 25.

Schultz, Carl: *See*—
Schultz, Alfred and C.

Schultz, Frank A., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Molding apparatus. 2,378,586; June 19.

Schultz, Henry F., New Lothrop, Mich. Trailer hitch. 2,381,841; Aug. 7.

Schultz, Irving W., Buffalo, N. Y., assignor to Curtiss-Wright Corporation. Trimming machine. 2,373,267; Apr. 10.

Schultz, John W.: *See*—
Richmond, W. E., and Schultz.

Schultz, Kristian, assignor to Armour and Company, Chicago, Ill. Method and apparatus for forming tubular casings. 2,382,504; Aug. 14.

Schultz, Maxwell I., Scarsdale, N. Y. Ultraviolet ray applicator. 2,383,421; Aug. 21.

Schultz, William F., Ripon, Wis. Float controlled meter. 2,366,808; Jan. 9.

Schultz, William O., Scarsdale, assignor to Crucible Steel Company of America, New York, N. Y. Wire drawing process and apparatus. 2,369,805; Feb. 20.

Schultz, William O., assignor to Line Material Company, South Milwaukee, Wis. Drop-out fuse device. 2,372,126; Mar. 20.

Schultz, William O., assignor to Line Material Company, South Milwaukee, Wis. Fuse construction. 2,378,109; June 12.

Schultz, William O., South Milwaukee, assignor to Line Material Company, Milwaukee, Wis. Fuse cutout. 2,385,473; Sept. 25.

Schultz, William O., South Milwaukee, assignor to Line Material Company, Milwaukee, Wis. Fuse. 2,386,752; Oct. 16.

Schultze, Norman C., Baltimore, Md., assignor, by mesne assignments, to U. S. Industrial Chemicals, Inc. Refining dammar resins. 2,384,138; Sept. 4.

Schultze, Paul, assignor to Doran Brothers, Incorporated, Danbury, Conn. Riveting apparatus. 2,381,690; Aug. 7.

Schulz, Herman, assignor to R. H. Schulz, doing business as Master Machine Products, Chicago, Ill. Deburring machine. 2,385,474; Sept. 25.

Schulz, Rudolph H.: *See*—
Schulz, Herman, assignor.

Schuls, Waldemar W., Wells, Minn. Combination fluid and friction clutch. 2,383,824; Aug. 28.

Schulze, Albert C., Riverside, Iowa. Auto director. 2,385,164; Sept. 18.

Schulze, Louis J.: *See*—
Aller, W. F., and Schulze.

Schulze, Walter A.: *See*—
Drennan, H. E., and Schulze.

Schulze, Walter A., Bartlesville, Okla. Stabilization of unsaturated hydrocarbons. 2,386,272; Oct. 9.

Schulze, Walter A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Treatment of hydrocarbon oils. 2,366,936; Jan. 9.

Schulze, Walter A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Production of butadiene. 2,371,848; Mar. 20.

Schulze, Walter A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Hydrocarbon conversion. 2,374,507; Apr. 24.

Schulze, Walter A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Dehydrogenation of hydrocarbons. 2,377,579; June 5.

Schulze, Walter A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Treatment of hydrocarbons. 2,377,580; June 5.

Schulze, Walter A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Alkylation of hydrocarbons. 2,378,040; June 12.

Schulze, Walter A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Catalytic treatment of hydrocarbons. 2,380,875; July 31.

Schulze, Walter A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Olefin recovery process. 2,382,505; Aug. 14.

Schulze, Walter A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Olefin recovery process. 2,382,506; Aug. 14.

Schulze, Walter A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Hydrocarbon conversion. 2,383,218; Aug. 21.

Schulze, Walter A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Dehydrogenating hydrocarbons. 2,384,645; Sept. 11.

Schulze, Walter A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Treatment of hydrocarbons. 2,386,350; Oct. 9.

Schulze, Walter A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Treatment of hydrocarbons. 2,386,351; Oct. 9.

Schulze, Walter A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Treatment of hydrocarbons. 2,386,352; Oct. 9.

Schulze, Walter A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Purification of unsaturated hydrocarbons. 2,386,353; Oct. 9.

Schulze, Walter A., J. C. Hillyer, and H. E. Drennan, assignors to Phillips Petroleum Company. Dehydrogenation of hydrocarbons. 2,367,620; Jan. 16.

Schulze, Walter A., and J. C. Hillyer, Bartlesville, Okla., assignors to Phillips Petroleum Company. Dehydrogenation of hydrocarbons. 2,367,621; Jan. 16.

Schulze, Walter A., J. C. Hillyer, and H. E. Drennan, Bartlesville, Okla., assignors to Phillips Petroleum Company. Dehydrogenation of hydrocarbons. 2,367,622; Jan. 16.

Schulze, Walter A., J. C. Hillyer, and H. E. Drennan, Bartlesville, Okla., assignors to Phillips Petroleum Company. Dehydrogenation of hydrocarbons. 2,367,623; Jan. 16.

Schulze, Walter A., and W. N. Axe, Bartlesville, Okla., assignors to Phillips Petroleum Company. Polymerization of diolefins. 2,371,849; Mar. 20.

Schulze, Walter A., and J. C. Hillyer, Bartlesville, Okla., assignors to Phillips Petroleum Company. Dehydrogenation of hydrocarbons. 2,371,850; Mar. 20.

Schulze, Walter A., and W. N. Axe, assignors to Phillips Petroleum Company. Polymerization of diolefins. 2,376,090; May 15.

Schulze, Walter A., and W. N. Axe, Bartlesville, Okla., assignors to Phillips Petroleum Company. Hydrogen fluoride recovery process. 2,379,041; June 26.

Schulze, Walter A., J. C. Hillyer, and H. E. Drennan, Bartlesville, Okla., assignors to Phillips Petroleum Company. Dehydrogenation of hydrocarbons. 2,380,876; July 31.

Schulze, Walter A., and J. A. Guyer, Bartlesville, Okla., assignors to Phillips Petroleum Company. Hydrocarbon conversion process. 2,381,466; Aug. 7.

Schulze, Walter A., and J. C. Hillyer, Bartlesville, Okla., assignors to Phillips Petroleum Company. Dehydrogenation of hydrocarbons. 2,381,691; Aug. 7.

Schulze, Walter A., and J. C. Hillyer, Bartlesville, Okla., assignors to Phillips Petroleum Company. Dehydrogenation of hydrocarbons. 2,381,692; Aug. 7.

Schulze, Walter A., and J. C. Hillyer, Bartlesville, Okla., assignors to Phillips Petroleum Company. Dehydrogenation of hydrocarbons. 2,381,693; Aug. 7.

Schulze, Walter A., J. C. Hillyer, and H. E. Drennan, Bartlesville, Okla., assignors to Phillips Petroleum Company. Production of diolefins. 2,386,354; Oct. 9.

Schulze, Walter A., and L. C. Morris, Bartlesville, Okla., assignors to Phillips Petroleum Company. Production of diolefins. 2,386,355; Oct. 9.

Schulze, Walter A., and L. C. Morris, assignors to Phillips Petroleum Company. Process and reagent for treating hydrocarbons. 2,386,356; Oct. 9.

Schulze, Walter A., and L. C. Morris, Bartlesville, Okla., assignors to Phillips Petroleum Company. Treatment of hydrocarbons. 2,386,357; Oct. 9.

Schulze, Walter A., and L. C. Morris, Bartlesville, Okla., assignors to Phillips Petroleum Company. Reagent preparation and use in separation of unsaturated hydrocarbons. 2,386,358; Oct. 9.

Schulze, Walter A., and J. C. Hillyer, Bartlesville, Okla., assignors to Phillips Petroleum Company. Treatment of hydrocarbons. 2,386,983; Oct. 16.

Schulze, Walter A., J. C. Hillyer, and H. E. Drennan, Bartlesville, Okla., assignors to Phillips Petroleum Company. Dehydrogenating olefins. 2,391,646; Dec. 25.

Schumacher, Edwin B.: *See*—
Furnas, W. C., Schumacher, and Kercher.

Schumacher, Erwin A., Parma, and G. W. Heise, Rocky River, Ohio, assignors to National Carbon Company, Inc. Electrolytic process for treating a ferrous sulphate solution. 2,389,691; Nov. 27.

Schumacher, Frederick W., Westfield, and R. P. Ferguson, Cranford, N. J., assignors to Standard Oil Development Company. Separation of catalyst from oil. 2,384,967; Sept. 18.

Schumacher, John J., Encino, Calif. Container-drum. 2,383,745; Aug. 28.

Schumann, Alfred F., Baltimore, Md., and A. J. Turpin, Stewart Manor, assignors to Hauck Manufacturing Company, Brooklyn, N. Y. System of fluid fuel supply for multiple burners operation. 2,368,164; Jan. 30.

Schumann, Anne R.: *See*—
Schumann, Robert, assignor.

Schumann, Robert, assignor, by mesne assignments, to A. R. Schumann, Racine, Wis. Small electric machine tool. 2,365,888; Feb. 6.

Schumann, Robert, assignor to A. R. Schumann, Racine, Wis. Flexible shaft and air-cooled hand-piece. 2,377,271; May 29.

Schur, Milton O., Berlin, N. H., assignor, by mesne assignments, to Reconstruction Finance Corporation, Washington, D. C. Surface sized paper product. 2,371,266; Mar. 13.

Schurch, Jacob H., assignor to Angelus Sanitary Can Machinery Co., Los Angeles, Calif. Can double seaming machine. 2,386,069; Oct. 2.

Schurch, Jacob H., assignor to Angelus Sanitary Can Machinery Co., Los Angeles, Calif. Can feed mechanism. 2,388,804; Nov. 13.

Schurger, Garner H.: *See*—
Gallimore, K. F., and Schurger.

Schurtz, Ralph E., Kansas City, Mo., and J. N. Roth, Belding, assignors, by mesne assignments, to Montcalm, Incorporated, Greenville, Mich. Control valve. 2,386,817; Oct. 16.

Schussman, Kenneth L.: *See*—
Cooke, W. T., and Schussman.

Schutt, Friedrich J., Brooklyn, assignor to Remington Rand Inc., Buffalo, N. Y. Document feed for photographing machines. 2,377,525; June 5.

Schutte, Albert, Dessau, Anhalt, Germany; vested in the Alien Property Custodian. Device for making screw threads. 2,376,727; May 22.

Schutte, August H.: *See*—
Gibb, J. A., Hayward, and Schutte.

Schutte, August H., Bronxville Manor, N. Y. Liquid-solid separation. 2,370,999; Mar. 6.

Schutte, August H., Bronxville Manor, N. Y. Centrifugal. 2,379,993; July 10.

Schutte, August H., Hastings on Hudson, N. Y. Wax-oil separation. 2,380,077; July 10.

Schutte, August H., Hastings on Hudson, N. Y. Separating wax. 2,380,078; July 10.

Schutte, August H., Hastings-on-Hudson, assignor to The Lummus Company, New York, N. Y. Polyform conversion of hydrocarbons. 2,382,107; Aug. 14.

Schutte, August H., Tuckahoe, N. Y. Emulsion deoiling. 2,385,236; Sept. 18.

Schutte, August H., Hastings-on-Hudson, and V. O. Bowles, Dobbs Ferry, assignors to The Lummus Company, New York, N. Y. Hydrocarbon conversion. 2,390,031; Nov. 27.

Schutter Candy Company: *See*—
Rebechini, Eugene J., assignor.
Schutter, George M., assignor.

Schutter, George M., assignor, by mesne assignments, to Schutter Candy Company, Chicago, Ill. Packaging. 2,384,494; Sept. 11.

Schüttler, Paul, Berlin-Charlottenburg, Germany; vested in the Alien Property Custodian. Nut. 2,382,748; Aug. 14.

Schutz, Alfred J.: *See*—
Shobert, E. I., II, Diehl, and Schutz.

Schutz, Harold R., assignor, by mesne assignments, to Owens-Illinois Glass Company, Toledo, Ohio. Apparatus for burning off glassware. 2,381,467; Aug. 7.

Schutz, Michael, Jackson Heights, assignor to Steinway & Sons, New York, N. Y. Cage nut tool. 2,384,347; Sept. 4.

Schutz, Nathan R., and J. Dubitsky, New York, N. Y., assignors of one-third to A. H. Sachs, Cleveland, Ohio. Adjustable lens mount for gas masks. 2,388,713; Nov. 13.

Schutze, Henry G., Baytown, Tex., assignor to Standard Oil Development Company. Refining hydrocarbon oil for the purpose of removing metal ions. 2,375,694; May 8.

Schuyler, Charles V., Philadelphia, Pa. Marked steel bar and marking. 2,383,165; Aug. 21.

Schuylkill Chemical Company: *See*—
Mecca, Sebastian B., assignor.

Schwab, Martin C., Chicago, Ill. Combination combat and construction vehicle. 2,384,646; Sept. 11.

Schwab, Martin C., Chicago, Ill. Combat vehicle. 2,388,873; Nov. 13.

Schwabe, Joseph L., Jr., West Allis, assignor, by mesne assignments, to C. Backlin, Burlington, Wis. Liquid-supplying device. 2,389,820; Nov. 27.

Schwalb, Robert: *See*—
Smith, M. L., and Schwalb.

Schwartz, Charles, Pittsburgh, Pa. Alkaline detergents. 2,391,647; Dec. 25.

Schwartz, Edward, Hollywood, Calif. Animated picture device. 2,367,967; Jan. 23.

Schwartz, Ernest, assignor to M. Schwartz, Bronx, N. Y. Slipper. 2,389,554; Nov. 20.

Schwartz, Fryderyk, Stockholm, Sweden. Manufacture of synthetic camphor. 2,389,389; Nov. 20.

Schwartz, Grace B.: *See*—
Schwartz, William O. and G. B.

Schwartz, Hyman, Los Angeles, Calif. Razor. 2,375,444; May 8.

Schwartz, Hyman, and W. Castedello, Stamford, Conn., assignors to The Kalart Company, Inc., New York, N. Y. Range finder for cameras. 2,388,714; Nov. 13.

Schwartz, Meyer D., Sunnyside, N. Y. Coat. 2,391,352; Dec. 18.

Schwartz, Miriam: *See*—
Schwartz, Ernest, assignor.

Schwartz, Morris, assignor to Barrel Fitting & Seal Corporation, Chicago, Ill. Sheet metal container and closure seal therefor. 2,371,586; Mar. 13.

Schwartz, Morris, and W. Castedello, Stamford, Conn., assignor to The Kalart Company, Inc., New York, N. Y. Range finder for cameras. 2,376,982; May 29.

Schwartz, Myrtil, New York, N. Y. Road marker. 2,368,330; Jan. 30.

Schwartz, Nathan R., New York, N. Y. Lamp guard. 2,376,316; May 15.

Schwartz, Nathan R., New York, N. Y. Combination work lamp and bulb guard. 2,389,089; Nov. 13.

Schwartz, Samuel: *See*—
Edwards, Jones B., assignor.

Schwartz, William O. and G. B., Los Angeles, Calif. Viewer. 2,377,109; May 29.

Schwarz, Bertram A., Kokomo, Ind., assignor to General Motors Corporation, Detroit, Mich. Control means. 2,371,267; Mar. 13.

Schwarz, Bertram A., Kokomo, Ind., assignor to General Motors Corporation, Detroit, Mich. Combination solenoid speaker. 2,389,212; Nov. 20.

Schwarz, Bertram A., Kokomo, Ind., assignor to General Motors Corporation, Detroit, Mich. Tuning mechanism. 2,389,213; Nov. 20.

Schwarz Engineering Company, Inc., The: *See*—
McGihon, Leonard, assignor.

Schwarz, Ernst L., assignor to Armour Research Foundation, Chicago, Ill. Motor control. 2,380,268; July 10.

Schwarz, Henry G., Marshallton, Del. Refrigeration unit for internal-combustion engines. 2,385,033; Sept. 18.

Schwarz Laboratories, Inc.: *See*—
Laufer, Louis, assignor.
Laufer, L., and Charney, assignors.

Schwarz, Werner W.: *See*—
Ingwer, M., and Schwarz.

Schwarzkopf, Paul, assignor to American Electro Metal Corporation, Yonkers, N. Y. Making layered armors. 2,372,607; Mar. 27.

Schwarzmayr, Ludwig, San Francisco, Calif. Illumination of rooms. 2,379,933; July 10.

Schwarzmayr, Ludwig, San Francisco, Calif. Reflector support. 2,382,179; Aug. 14.

Schwarzschild, Myron M., Brooklyn, N. Y. X-ray timer. 2,384,647; Sept. 11.

Schwebel, William H., Baldwin, N. Y., assignor, by mesne assignments, to W. B. Scarborough, Englewood, N. J. Aircraft construction. 2,380,336; July 10.

Schweda, Albert M.: *See*—
Le Vesconte, H. J., and Schweda.

Schweichart, William M.: *See*—
Julian, F. G., and Schweichart.

Schweiger, Mitchell F., Berkeley, assignor to J. D. & A. B. Spreckles Company, San Francisco, Calif. Sugar product and making same. 2,373,919; Apr. 17.

Schweitzer, Arnold, Geneva, Switzerland. Pencil lead writing utensil. 2,372,914; Apr. 3.

Schweitzer, Carl E., Newport, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Amino acid synthesis. 2,388,189; Oct. 30.

Schweitzer & Conrad, Inc.: *See*—
Triplett, Hugh A., assignor.

Schweitzer, Edmund O., Jr., Northbrook, Ill. Electrical measuring apparatus. 2,375,591; May 8.
Schweitzer, Edmund O., Jr., Northbrook, Ill. Navigational apparatus. 2,384,348; Sept. 4.
Schweitzer, Howard V., Cleveland, Ohio. Painting machine. 2,373,604; Apr. 10.
Schweizer, Ernest, East Orange, N. J., assignor to Celanese Corporation of America. Screen. 2,370,263; Feb. 27.
Schweizerische Industrie-Gesellschaft: *See*—
End, G., assignor.
Schwend, Fred N., Berkeley, Calif. Aircraft wheel control device. 2,381,842; Aug. 7.
Schwendler, Christopher S.: *See*—
MacDonald, M. J., and Schwendler, C. S. and F. C.
Schwendler, Frederick C.: *See*—
MacDonald, M. J., and Schwendler, C. S. and F. C.
Schwendner, Anthony F., Ridley Park, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Marine turbine electric drive. 2,382,507; Aug. 14.
Schwendner, Anthony F., Ridley Park, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control apparatus. 2,383,219; Aug. 21.
Schwendner, Anthony F., Ridley Park, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Governing apparatus. 2,390,740; Dec. 11.
Schwendner, Anthony F., Ridley Park, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Spreader stoker apparatus. 2,391,597; Dec. 25.
Schwendt, Bernard J., assignor to E. F. Schwendt, Fort Thomas, Ky. Precast foundation. 2,374,624; Apr. 24.
Schwendt, Ethel F.: *See*—
Schwendt, Bernard J., assignor.
Schwenk, Erwin: *See*—
Fleischer, G. A., and Schwenk.
Schwenk, Erwin, Montclair, and E. E. Henderson, Montville, assignors to Schering Corporation, Bloomfield, N. J. Hydroquinone composition. 2,376,884; May 29.
Schwenk, Erwin, Montclair, and E. E. Henderson, Montville, assignors to Schering Corporation, Bloomfield, N. J. Stabilized filter preparations. 2,377,188; May 29.
Schwien, L. N., Engineering Co.: *See*—
Schwien, Leo N., assignor.
Schwien, Leo N., assignor to L. N. Schwien Engineering Co., Los Angeles, Calif. Gyroscopic angular velocity indicator. 2,380,079; July 10.
Schwien, Leo N., assignor to L. N. Schwien Engineering Co., Los Angeles, Calif. System for controlling cabin pressure of aircraft. 2,391,197; Dec. 18.
Schwinn, Frank W., Chicago, Ill. Sealed switch. 2,367,441; Jan. 16.
Schwinn, Frank W., Chicago, Ill. Folding bicycle frame 2,372,024; Mar. 20.
Schwinn, Frank W., Chicago, Ill. Bicycle carrier. 2,379,994; July 10.
Schwinn, Frank W., Chicago, Ill. Folding crank for bicycles. 2,384,139; Sept. 4.
Schwinn, Frank W., Chicago, Ill. Truss bracket. 2,384,968; Sept. 18.
Schwoegler, Edward J.: *See*—
Olin, J. F., and Schwoegler.
Schwoegler, Edward J., Wyandotte, and J. F. Olin, Grosse Ile, Mich., assignors to Sharples Chemicals Inc., Philadelphia, Pa. Manufacture of hydroxy alkyl amines. 2,373,199; Apr. 10.
Schymik, Walter H., Oreland, assignor to I. T. E. Circuit Breaker Company, Philadelphia, Pa. Shockproof switch. 2,385,304; Sept. 18.
Sciaky, David, assignor to Welding Research, Inc., Chicago, Ill. Method and apparatus for resistance welding. 2,385,947; Oct. 2.
Scielzo, John, et al.: *See*—
Vanore, Joseph, assignor.
Science Laboratories, Inc.: *See*—
Sperti, George, assignor.
Scientific Oil Compounding Co., The: *See*—
Eisenschimi, Otto and G.
Scientific Research and Development, the United States of America as represented by the Executive Secretary of the Office of: *See*—
Calingaert, G., Soroos, and Shapiro, assignors.
Scinta, Anthony C., assignor to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner. 2,388,089; Oct. 30.
Scofield, Philip F., Cleveland Heights, assignor to Jack & Heintz, Inc., Bedford, Ohio. Generator field structure. 2,371,268; Mar. 13.
Scoles, Graham J.: *See*—
Dodds, J. M., and Scoles.
Scoles, Graham J., East Sheen London, assignor to Metropolitan-Vickers Electrical Company Limited, London, England. Thermionic valve circuits. 2,383,420; Aug. 21.
Sconce, James S., assignor to Hooker Electrochemical Company, Niagara Falls, N. Y. Separation of asbestos fiber from associated solids. 2,381,369; Aug. 7.
Sconce, James S., J. T. Rucker, S. E. Whitmire, and W. R. Schoonover, assignors to Hooker Electrochemical Company, Niagara Falls, N. Y. Production of chlorinated aliphatic hydrocarbons. 2,385,475; Sept. 25.
Scophony Corporation of America: *See*—
Okolicsanyi, Ferenc, assignor.
Rosenthal, Adolph H., assignor.
Score, Leslie H.: *See*—
Harrison, R. R., and Score.
Scott, Ashton T., Bryn Mawr, assignor to The Sharples Corporation, Philadelphia, Pa. Manufacture of soap. 2,369,257; Feb. 13.
Scott Aviation Corporation: *See*—
Koester, N. C., Benzel, and Ledwin, assignors.
Scott, Bert S., St. Paul, Minn. Radius cutter attachment for lathes. 2,386,984; Oct. 16.
Scott, Edwin W., Scotia, N. Y., assignor to General Electric Company. Electrode assembly. 2,388,090; Oct. 30.
Scott, Everette C., assignor to Industrial Patents Corporation, Chicago, Ill. Wrapper. 2,387,217; Oct. 16.
Scott, Frank, Rounds, British Columbia, Canada. Vehicle brake. 2,382,180; Aug. 14.
Scott, Frederick S., assignor to Union Oil Company of California, Los Angeles, Calif. Protection device against aerial and other bombardment. 2,381,779; Aug. 7.
Scott, Gerald D., assignor to The Heald Machine Company, Worcester, Mass. Hydraulic mechanism for machine tools and the like. 2,371,553; Mar. 13.
Scott, Gordon N., Beverly Hills, Calif. Measuring soil resistivity and certain electrical characteristics associated with a buried pipeline. 2,378,440; June 19.
Scott, Harold E. B., London, S. E. 1, assignor to Vickerys Limited, London, England. Vortex separator apparatus for treating paper pulp. 2,375,826; May 15.
Scott, Harold E. B., London, S. E. 1, assignor to Vickerys Limited, London, England. Separator of the vortex type for paper pulp. 2,377,721; June 5.
Scott, Harry K., King City, Calif. Harvesting machine. 2,380,193; July 10.
Scott, Howard, Forest Hills, and P. R. Kalischer, Wilkinsburg, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Purification of gases. 2,383,344; Aug. 21.
Scott-Iversen, Poul Arne, assignor to The Rover Company Limited, Coventry, England. Brake. 2,371,554; Mar. 13.
Scott, James L., Gaston, N. C. Aerial bomb. 2,379,257; June 26.
Scott, John H., Corpus Christi, Tex. Multiple drawing spacer. 2,382,029; Aug. 14.
Scott, Lawrence O.: *See*—
Hays, F. E., and Scott.
Scott, Lazarus, Chicago, Ill. Horn bushing puller. 2,377,973; June 12.
Scott, Lloyd H., Garden City, assignor to Elsemann Corporation, Brooklyn, N. Y. Fluid passage terminus device. 2,366,428; Jan. 2.
Scott, Merle G.: *See*—
Woody, W. B., and Scott, assignors.
Scott, Milton J.: *See*—
Schroy, P. C., Grabowski, and Scott.
Scott, Norman D.: *See*—
Cornthwaite, W. R., and Scott.
Scott, Norris A., Jr., Mountain Lakes, N. J., assignor to Foster Wheeler Corporation, New York, N. Y. Heat exchange device. 2,381,006; Aug. 7.
Scott Paper Company: *See*—
Corbin, W. S., Chilson, Tollison, Caffrey, and Pilon, assignors.
Scott, Philip B., London, and A. G. Rose and S. Curtis; said Rose and said Curtis assignors to Rose Brothers (Gainsborough) Limited, Gainsborough, England. Gun turret. 2,370,585; Feb. 27.
Scott, Ray, et al.: *See*—
Compton, Henry P., assignor.
Scott, Richard H., Mansfield, N. Y. Chick developing and poultry cage. 2,369,316; Feb. 13.
Scott, Russell E., Laurel Springs, N. J., assignor to The Esterbrook Steel Pen Manufacturing Co., Camden, N. J. Pen and fountain attachment therefor. 2,367,540; Jan. 16.
Scott, Ruth P., executrix: *See*—
Scott, Winfield.
Scott, Walter F., Milburn, and J. S. Peters, West Orange, N. J., assignors to American Telephone and Telegraph Company. Battery charging system. 2,368,264; Jan. 30.
Scott, William E.: *See*—
Evans, P. B., and Scott.
Scott, William J.: *See*—
Anderson, J. T., Wells, and Scott.
Scott, William M., Jr., Bryn Mawr, assignor to I. T. E. Circuit Breaker Company, Philadelphia, Pa. Circuit breaker-movable contact. 2,375,328; May 8.
Scott, William M., Jr., Bryn Mawr, assignor to I-T-E Circuit Breaker Company, Philadelphia, Pa. Air blast circuit breaker and control therefor. 2,390,128; Dec. 4.
Scott, William M., Jr., Bryn Mawr, assignor to I. T. E. Circuit Breaker Company, Philadelphia, Pa. Air blast circuit breaker and control therefor. 2,390,333; Dec. 4.
Scott, William M., Jr., Bryn Mawr, assignor to I. T. E. Circuit Breaker Company, Philadelphia, Pa. Air blast circuit breaker and control therefor. 2,390,966; Dec. 11.
Scott & Williams, Incorporated: *See*—
Getaz, James L., assignor.
Grothey, Ivan W., assignor.
Lawson, Robert H., assignor.
Lawson, R. H., and Bristow, assignors.
Page, Albert E., assignor.
Page, Albert E. and F. R., assignors.
Page, Frank R., assignor.

Scott, Wilson W., Independence, Mo., and C. L. Lewis, Hanford, Wash., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Gauging machine. 2,390,741; Dec. 11.
Scott, Winfield, deceased by R. P. Scott, executrix, assignor to Wingfoot Corporation, Akron, Ohio. Treatment of rubber. 2,379,460; July 3.
Scottish Machine Tool Corporation Limited: *See*—
Clements, Alexander B., assignor.
Scovill Manufacturing Company: *See*—
Bahney, L. W., and Horswell, assignors.
Barlow, William H., assignor.
Fenton, Paul E., assignor.
Howard, George G., assignor.
Huelster, Otto J., assignor.
Page, Frank R., assignor.
Seaver, D. A., and Fenton, assignors.
Sheppard, Harry N., assignor.
Treciokas, Jacob P., assignor.
Wild, Henry W., assignor.
Scovill, Warner E.: *See*—
Hughes, E. C., and Scovill.
Scow, Peter O., St. Paul, Minn. Preparing a coffee substitute. 2,371,320; Mar. 13.
Scrantom, De Hart G., Maplewood, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Part for knitting machines. 2,381,370; Aug. 7.
Scranton, Charles J., La Porte, Ind., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Corn harvester husking roll. 2,391,846; Dec. 25.
Screw Machine Products Company, Inc.: *See*—
Briteliffe, John G., assignor.
Scribner, William L.: *See*—
Buckwalter, T. V., and Scribner.
Scripto Manufacturing Company: *See*—
Hauton, Paul S., assignor.
Scriptnre, Edward W., Jr., Shaker Heights, Ohio. Cement composition and making same. 2,383,891; Aug. 28.
Scriver, Smith & Zerbst, Incorporated: *See*—
Smith, K., and Zerbst, assignors.
Scrutchfield, Paul H., Hopewell, Va., assignor to Hercules Powder Company, Wilmington, Del. Coating composition and producing. 2,376,823; May 22.
Scrutchfield, Paul H., assignor to Hercules Powder Company, Wilmington, Del. Rubber derivative composition. 2,381,694; Aug. 7.
Scudder, Stanley L.: *See*—
Fitch, H. L., and Scudder.
Scullen, Hugh J., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,387,860; Oct. 30.
Scullin, Carl H., East Orange, and L. C. Werner, Bloomfield, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electronic device. 2,389,277; Nov. 20.
Scully, Charles T.: *See*—
Chatterjea, P. K., and Scully.
Scully, Charles T., assignor to Standard Telephones and Cable Limited, London, England. Circuit arrangement for resistance elements having a high resistance-temperature coefficient. 2,375,497; May 8.
Scully, Frank P., Cambridge, Mass., assignor to Scully Signal Co., East Cambridge, Mass. Signaling nozzle. 2,391,040; Dec. 18.
Scully Signal Co.: *See*—
Scully, Frank P., assignor.
Scully, Sylvester A.: *See*—
Reynolds, W. B., and Scully.
Scutt, Arthur G., assignor to The Carborundum Company, Niagara Falls, N. Y. Making an abrasive article 2,379,544; July 3.
Seaboly, Frank, Champaign, Ill. Portable electric drill. 2,373,735; Apr. 17.
Seabury, Ralph L., and R. A. Daily, Muncie, Ind., assignors to General Motors Corporation, Detroit, Mich. Manufacture of red lead. 2,383,220; Aug. 21.
Seager, John C., White Plains, and P. J. Jensen, assignors to Cosmetic Container Corp., Long Island City, N. Y. Lipstick holder. 2,368,044; Jan. 23.
Seagram, Joseph E., & Sons, Inc.: *See*—
Blankmeyer, H. C., and Stark, assignors.
Willkie, Herman F., assignor.
Seaholm, John P., Moline, Ill., assignor to Minneapolis-Moline Power Implement Company, Minneapolis, Minn. Caster wheel mechanism. 2,388,874; Nov. 13.
Seaholm, Nils, Mount Vernon, assignor to Carroll W. Prochaska, Tuckahoe, N. Y. Hose clamp. 2,383,920; Aug. 28.
Sealco By-Products Company: *See*—
Rush, John F., assignor.
Sealed Power Corporation: *See*—
Olson, Holly M., assignor.
Young, Edwin C., assignor.
Seal-O-Strain Corporation: *See*—
Arvins, N. A., and Arvintz, assignors.
Sealtest, Inc.: *See*—
Weisberg, S. M., and Levin, assignors.
Weisberg, S. M., Stimpson, and Miller, assignors.
Whitaker, R., Myers, and Homberger, assignors.
Seaman, Charles, Jamaica Estates, N. Y. Sewing machine attachments. 2,378,730; June 19.
Seaman, Charles, Jamaica Estates, N. Y. Attachment for sewing machines. 2,378,731; June 19.
Seaman, Ellsworth F.: *See*—
Thompson, G. C., and Seaman.
Seaman, Harry J., Milwaukee, Wis. Pulverizing machine. 2,368,331; Jan. 30.
Seaman, Lester S., Coronado, Calif. Aircraft ice preventer. 2,371,269; Mar. 13.
Seamans, James W., San Leandro, Calif. Magnetic lifting device. 2,379,596; July 3.
Seamless Rubber Company, The: *See*—
Madsen, Paul S., assignor.
Madsen, P. S., and Arnold, assignors.
Searle, G. D., & Co.: See—
Burtner, Robert R., assignor.
Cusic, John W., assignor.
Searle, Marshall O., Beverly Hills, Calif. Applying insulating tubing on wire cables, conduits, and the like. 2,366,359; Jan. 2.
Searles, Amos, Moscow, Pa., and C. A. Swartz, Yonkers, N. Y. Sealing device for pivotal joints. 2,389,874; Nov. 27.
Searles, Harry, assignor to Van Raalte Company, Inc., Saratoga Springs, N. Y. Textile machine. 2,373,854; Apr. 17.
Searles, Harry, Saratoga Springs, L. W. Griffis, Buffalo, and E. E. Carlson, Kenmore, assignors to Van Raalte Company, Inc., New York, N. Y. Stop means for textile machines. 2,371,110; Mar. 6.
Sears, Roebuck and Co.: *See*—
Colegrove, Charles E., assignor.
Cross, Robert C., assignor.
Dady, Arthur O., assignor.
Ferguson, J. Allen, assignor.
Horsrud, Ole, assignor.
Hultgren, A. P., Moore, Bennett, and Cummins, assignors.
Klesow, Lothar, assignor.
Knudsen, A. K., and Sampsel, assignors.
Lithgow, J., and Jackson, assignors.
Magill, Warren C., assignor.
McKay, Lester C., assignor.
Stein, W., and Wolf, assignors.
Strother, Fred P., assignor.
Wallace, S., and Blu, assignors.
Zink, W. L., Aasland, and Hauswirth, assignors.
Sears, Sterling G., Garden City, N. Y. Electric switch. 2,385,165; Sept. 18.
Seashore, Gunnar F., Minneapolis, Minn. Wrench. 2,385,654; Sept. 25.
Seaver, Donald A., West Cheshire, and P. E. Fenton, Middlebury, assignors to Scovill Manufacturing Company, Waterbury, Conn. Skin fastener. 2,382,508; Aug. 14.
Seaver, Jay J., Evanston, Ill. Flue insert for regenerative furnaces and the like. 2,389,166; Nov. 20.
Seavey, Frederick R., Alton, Ill., assignor to Olin Industries, Inc. Explosive. 2,382,921; Aug. 14.
Seavey, Frederick R., Alton, Ill., assignor to Olin Industries, Inc. Coating method and apparatus. 2,386,818; Oct. 16.
Sebald, Joseph F., Bloomfield, assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Water treating apparatus. 2,378,799; June 19.
Sebald, Joseph F., Bloomfield, assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Water purifying and degasifying apparatus. 2,379,753; July 3.
Sebald, Joseph F., Bloomfield, assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Water treating apparatus. 2,383,086; Aug. 21.
Sebald, Joseph F., Bloomfield, assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Deaerating feed-water heater. 2,388,344; Nov. 6.
Sebald, Joseph F., Bloomfield, assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Condenser. 2,389,005; Nov. 13.
Sebald, Leslie E., Ridgewood, N. J., assignor to The Griscom-Russell Company, New York, N. Y. High-pressure steam generator. 2,379,661; July 3.
Sebel, Harry, London, N. 3, England. Toy animal, automobile, and the like propelled by the rider. 2,379,192; June 26.
Sebell, Harry, Marblehead, Mass. Key for opening cans. 2,370,081; Feb. 20.
Sebell, Harry, Marblehead, Mass. Forming can-end blanks. 2,378,041; June 12.
Sebell, Harry, Marblehead, assignor of one-half to A. H. Parker, Lexington, Mass. Bowling alley. 2,380,337; July 10.
Sebell, Harry, Newton, assignor of one-half to A. H. Parker, Lexington, Mass. Apparatus for coating sheet metal. 2,370,495; Feb. 27.
Sebok, Frank, assignor to United Specialties Company, Chicago, Ill. Cleaner. 2,378,506; June 19.
Sebok, Joseph B., assignor to Hondaille-Hershey Corporation, Detroit, Mich. Crankcase air cleaner assembly. 2,387,303; Oct. 23.
Seborg, Earnest Y.: *See*—
Caldwell, H. J., and Seborg.
Seborg, Earnest Y., assignor to Barnes Drill Co., Rockford, Ill. Honing machine. 2,377,272; May 29.
Sebrell, William H.: *See*—
Hertz, R., and Sebrell.

Secor, Robert B.: *See*—
Ewing, F. J., Secor, and Warner.
Gary, W. W., and Secor.

Security Engineering Co., Inc.: *See*—
Hammer, Otto, assignor.

Sedgley, Gertrude E., et al.: *See*—
Brown, Arthur S., assignor.
Brown, A. S., and Sedgley.

Sedgley, R. F., Inc: *See*—
Wurzer, Martin, assignor.

Sedgwick Machine Works, Inc.: *See*—
Ellis, Charles E., assignor.
Henricksen, Bjarne, assignor.

Sedille, Marcel H. L., Paris, France: vested in the Alien Property Custodian. System and device for controlling thermal gas turbine motive units. 2,372,686; Apr. 3.

Sédille, Marcel H. L., Paris, France; vested in the Alien Property Custodian. Gas turbine installation 2,374,239; Apr. 24.

Sedita, Michael, Newark, N. J. Combined baby's seat, table, and play yard. 2,386,721; Oct. 9.

See, Melvin J.: *See*—
Bailie, J. C., and See.

See, Melvin J., assignor to Standard Oil Company, Chicago, Ill. Catalytic conversion. 2,380,490; July 31.

See, Ray, Los Angeles, Calif. Table construction. 2,368,382; Jan. 30.

Seeburg, J. P., Corporation: *See*—
Boyajian, James A., assignor.
Jensen, H. G., and Nelsen, assignors.
Johnson, Carl G., assignor.
Kenney, M. W., and Jensen, assignors.
Oyler, Herbert J., assignor.

Seederer, Jacob E., Englewood, N. J. Precision balance. 2,373,056; Apr. 3.

Seegar, Fred T., and W. Panitch, Chicago, Ill. Dispensing machine. 2,387,470; Oct. 23.

Seeger, Edwin W.: *See*—
Charbonneau, A. P., Russell, and Seeger.

Seeger, Edwin W., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Controller for motor-driven traveling devices. 2,368,383; Jan. 30.

Seeger, Nelson V.: *See*—
Lichty, J. G., and Seeger.

Seeger Refrigerator Company: *See*—
Ellsworth, Walter A., assignor.
Nobles, Warren H., assignor.
Nobles, W. H., and Mills, assignors.
Swedman, Enoch, assignor.

Seel, Max: *See*—
Liebegott, G. H., and Seel.

Seeley, George A: *See*—
Kling, R. B., and Seeley.

Seeley, Harold T., Lansdowne, Pa., assignor to General Electric Company. Protective system. 2,378,800; June 19.

Seeley, Stuart W., Roslyn, N. Y., assignor to Radio Corporation of America. Automatic frequency control system. 2,377,327; June 5.

Seeley, Stuart W., Roslyn Heights, and J. A. Rankin, Port Washington, N. Y., assignors to Radio Corporation of America. Radio signaling system. 2,388,576; Nov. 6.

Seelman, Geo., & Sons Co.: *See*—
Seelman, John J., assignor.

Seelman, John J., assignor, by direct and mesne assignments, to Geo. Seelman & Sons Co., Milwaukee, Wis. Binder and ring usable therein. 2,371,474; Mar. 13.

Seeloff, Melvin M., assignor to The Taylor-Wingfield Corporation, Warren, Ohio. Welding electrode holder. 2,385,108; Sept. 18.

Seemann, Arthur K., Stamford, Conn., assignor to Union Carbide and Carbon Corporation. Adjustable multiple connection. 2,366,809; Jan. 9.

Seewer, Paul W., Rugby, assignor to The English Electric Company Limited, London, England. Automatic speed limiting device for hydraulic turbine rotors. 2,382,108; Aug. 14.

Sefried, Harry H., II, New Haven, Conn., assignor to Olin Industries, Inc. Box magazine latch mechanisms for repeating firearms. 2,386,722; Oct. 9.

Segal, Louis: *See*—
Hines, J., and Segal.

Segall, Amelius B.: *See*—
Strickland, R. L., and Segall.

Segerstrom, Carl A.: *See*—
Alford, A., Segerstrom, and Capen.

Segerstrom, Carl A., Jr., Teaneck, assignor to Federal Telephone and Radio Corporation, Newark, N. J. Impedance adjuster. 2,367,693; Jan. 23.

Segerstrom, Walter: *See*—
Handley, E. W., and Segerstrom.

Segessemann, Ernest, Newark, assignor to National Oil Products Company, Harrison, N. J. Tall oil treatment. 2,373,978; Apr. 17.

Segessemann, Ernest, Newark, assignor to National Oil Products Company, Harrison, N. J. Esterified tall oil treatment. 2,373,979; Apr. 17.

Segessemann, Ernest, Newark, and W. L. Abramowitz, Lakewood, assignors to National Oil Products Company, Harrison, N. J. Condensation products. 2,372,797; Apr. 3.

Seiberlich, Joseph K. H., Durham, N. H. Resinous condensation products of diaminotetrasine and an aldehyde. 2,369,371; Feb. 13.

Seiberling Rubber Company: *See*—
Kovacs, Frank, assignor.

Seibert, Mark L.: *See*—
Robinson, J., Jr., and Seibert.

Seichepine, Clara L., Leavenworth, Kans. Lifesaving device. 2,376,824; May 22.

Seide, William L., Rochester, N. Y. Pole slide protector. 2,385,305; Sept. 18.

Seidel, George R., Baltimore, Md., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of improved titanium pigments. 2,387,534; Oct. 23.

Seidel, Hans J., Berlin-Wilmersdorf, and A. Weiler, Berlin-Spandau, Germany; vested in the Alien Property Custodian. Vibration damping suspension. 2,369,077; Feb. 6.

Seidel, J., Oybin near Zittau, and H. Weber, Grottau, Sudetenland, Germany; vested in the Alien Property Custodian. Production of synthetic tanning material. 2,387,619; Oct. 23.

Seidel, Kamill: *See*—
Miller, R. S., and Seidel.

Seiden, Elmer J., assignor to O. D. and E. Lutes, Jackson, Mich., doing business as Seiden Pneumatic Tool Company. Planishing hammer support. 2,372,021; Mar. 20.

Seiden Pneumatic Tool Company: *See*—
Seiden, Elmer J., assignor.

Seifert, Charles B., Swampscott, assignor to Thomson-Gibb Electric Welding Company, Lynn, Mass. Transformer. 2,378,884; June 19.

Seifert, Harry H. and W. W., Troy, N. Y. Rectifier system. 2,390,005; Nov. 27.

Seifert, William C., Narberth, assignor to Electric Heating Equipment Company, Philadelphia, Pa. Apparatus for heating fluids. 2,385,846; Oct. 2.

Seifert, William W.: *See*—
Seifert, Harry H. and W. W.

Seiferth, Oscar E., assignor to Oscar Mayer & Co., Inc., Chicago, Ill. Package. 2,379,934; July 10.

Seiferth, Oscar E., Chicago, and E. C. Sloan, Geneva, assignors to Oscar Mayer & Co., Inc., Chicago, Ill. Packaging method. 2,379,935; July 10.

Seifried, Eugen, Waldkirch, Germany, assignor to the Government of the United States, as represented by the Secretary of the Navy. Subaqueous electric cutting. 2,387,042; Oct. 16.

Seifried, Richard, assignor to North American Aviation, Inc., Inglewood, Calif. Bending and beveling machine. 2,370,329; Feb. 27.

Seifried, Richard, assignor to North American Aviation, Inc., Inglewood, Calif. Truing machine. 2,371,587; Mar. 31.

Seiler, Karl, 3rd, Jenkintown, Pa., assignor to Radio Corporation of America. Reflex converter circuit. 2,383,345; Aug. 21.

Seip, Herbert, Waltham, Mass. Tire servicing rack. 2,370,496; Feb. 27.

Seiple, Paul M., Redmond, Wash. Dishwasher. 2,376,627; May 22.

Seippel, H. M., trustee: *See*—
Engler, Robert J., assignor.

Seippel, Peter J.: *See*—
Engler, Robert J.

Seiter, Donaldson, assignor to Tungsten Carbide Tool Company, Detroit, Mich. Milling cutter. 2,382,509; Aug. 14.

Seiter, Donaldson, assignor to Tungsten Carbide Tool Company, Detroit, Mich. Boring tool. 2,382,510; Aug. 14.

Seiter, Donaldson, assignor to Tungsten Carbide Tool Company, Detroit, Mich. Boring tool. 2,383,688; Aug. 28.

Seitz, Roy E., Pasadena, Calif. Cutting instrument. 2,379,108; June 26.

Selwell, Theodore F., Washington, D. C. Sectional plumb and level. 2,383,166; Aug. 21.

Sekella, Michael, Elmira Heights, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Automatic control for punch presses. 2,371,358; Mar. 13.

Sekera, Charles J., Turtle Creek, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Flexible diaphragm assemblage. 2,367,624; Jan. 16.

Selas Corporation of America: *See*—
Blaha, Emil, assignor.
Fuller, Warren D., assignor.
Hess, Frederic O., assignor.
Hess, F. O., and Mann, assignors.
Hess, F. O., and Wakefield, assignors.
Maud, F., and Faunce, assignors.
Wakefield, Richard E. B., assignor.
Walker, John M., Jr., assignor.

Selby Shoe Company, The: *See*—
Griffin, N. B., and Brechner, assignors.

Selby, Theodore R., Chicago, Ill., assignor to Wilson & Co. Inc. Method of forming continuous strands of animal intestines. 2,391,423; Dec. 25.

Seldin, Morey, Indianapolis, Ind. Combination billing and marking machine. 2,373,633; Apr. 10.

Selensky, John A., Goose Creek, Tex., assignor to Standard Oil Development Company. Washing rotating drum filters. 2,379,754; July 3.

Self, Alan D. H.: *See*—
Barber, H. J., and Self.

Self-Locking Carton Co.: *See*—
Cox, John W., assignor.
Walsh, John E., assignor.

Self-Priming Pump & Engineering Co. Limited: *See*—
Meredew, George C., assignor.
Meredew, G. C., and Dawson, assignors.

Self Seal Bottle Cap Company: *See*—
Guarnaschelli, Vincent, assignor.

Seligman, Roger A. L., Paris, France; vested in the Alien Property Custodian. Stamping die. 2,390,183; Dec. 4.

Sellars, Oliver H., Glen Ridge, N. J., assignor to Ingersoll-Rand Company, New York, N. Y. Mounting for rock drills. 2,389,553; Nov. 20.

Sellers, William, & Company, Incorporated: *See*—
Lingenbrink, Hermann E. F. C., assignor.

Sellew, David M., Auburn, Ind. Hydrocarbon resistant, light pressure sealing gasket structure. 2,383,570; Aug. 28.

Sellmeyer, Thomas J., Glasgow, Mo. Flying suit. 2,379,497; July 3.

Sells, Ogden S., and H. L. Porch, Riverside, assignors to Food Machinery Corporation, San Jose, Calif. Apparatus for treating fruit. 2,384,702; Sept. 11.

Selman, George S.: *See*—
Barker, S. N., Selman, Bull, Marten-Gwilliam, Wark, and Thomson.

Selman, Roland W., Jr., Kansas City, Kans., and H. S. Myers, assignors to Campbell-Taggart Research Corporation, Kansas City, Mo. Yeast product and preserving glutathione contained therein. 2,368,384; Jan. 30.

Selmi, Luciano G., Detroit, and C. L. Altenburger, Dearborn, Mich., assignors to National Steel Corporation. Alloy steel. 2,375,953; May 15.

Selmi, Luciano G., Detroit, and C. L. Altenburger, Dearborn, Mich., assignors to National Steel Corporation. Alloy steel. 2,375,954; May 15.

Seltzer, Clifford S., and S. M. Humphrey, assignors to The Taylor-Wingfield Corporation, Warren, Ohio. Welding apparatus. 2,385,109; Sept. 18.

Seltzer, Edward: *See*—
Olsen, A. G., and Seltzer.

Selvig, John N., Westfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Handling strands. 2,379,755; July 3.

Selvig, John N., Westfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Insulating sheath on electrical conductor strands. 2,379,756; July 3.

Sembler, Edward, and J. E. Gerard, Patchogue, N. Y. Rake attachment for vehicles. 2,371,549; Mar. 13.

Semchyshen, Marion M., Detroit, Mich., assignor to Climax Molybdenum Company, New York, N. Y. Apparatus for high temperature tensile testing of materials. 2,375,034; May 1.

Seme, John J.: *See*—
Goddard, A. C., and Seme, assignors.

Semet-Solvay Engineering Corporation: *See*—
Tiddy, William, assignor.
Tweit, Olav M., assignor.

Semon, Waldo L.: *See*—
Fryling, C. F., and Semon.

Semon, Waldo L., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Purification of butadiene. 2,366,360; Jan. 2.

Semon, Waldo L., Silver Lake, and D. Craig, Cuyahoga Falls, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Purification of butadiene. 2,366,361; Jan. 2.

Semon, Waldo L., Silver Lake, and D. Craig, Cuyahoga Falls, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Purification of butadiene. 2,366,362; Jan. 2.

Semon, Waldo L., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Coagulating dispersions. 2,366,460; Jan. 2.

Semon, Waldo L., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Copolymers of acrylic nitriles with lesser amounts of conjugated dienes. 2,374,841; May 1.

Semon, Waldo L., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Stabilized butadiene-1,3 polymers. 2,375,042; May 1.

Semon, Waldo L., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Emulsion polymerization of butadiene-1,3 hydrocarbons. 2,375,140; May 1.

Semon, Waldo L., and C. F. Fryling, Silver Lake, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Polymerization of unsaturated organic compounds. 2,376,014; May 15.

Semon, Waldo L., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Polymerization of unsaturated organic compounds containing a $CH_2{=}C<$ group. 2,376,015; May 15.

Semon, Waldo L., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Polymerization of butadienes-1,3. 2,376,390; May 22.

Semon, Waldo L., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Polymerization of butadiene-1,3. 2,376,391; May 22.

Semon, Waldo L., and C. F. Fryling, Silver Lake, Ohio, assignors to The B. F. Goodrich Company, Akron, Ohio. Production of synthetic rubber. 2,378,732; June 19.

Semon, Waldo L., Silver Lake, assignor, by mesne assignments, to The B. F. Goodrich Company, Akron, Ohio. Polymerization of butadiene-1,3 hydrocarbons. 2,380,471; July 31.

Semon, Waldo L., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Polymerization in aqueous emulsion. 2,380,551; July 31.

Semon, Waldo L., Silver Lake, and W. D. Stewart, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Polymerization in aqueous emulsion. 2,380,552; July 31.

Semon, Waldo L., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Making catalysts. 2,380,614; July 31.

Semon, Waldo L., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Polymerization products. 2,384,568; Sept. 11.

Semon, Waldo L., Silver Lake, assignor to The B. F. Goodrich Company, New York, N. Y. Copolymers of dienes and olefinic dicarboxylic acid esters. 2,384,569; Sept. 11.

Semon, Waldo L., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Rubber-like multipolymers containing a conjugated diene hydrocarbon. 2,384,570; Sept. 11.

Semon, Waldo L., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Rubber-like multipolymers prepared from mixtures including a conjugated diene hydrocarbon. 2,384,571; Sept. 11.

Semon, Waldo L., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Copolymers of butadiene-1,3 hydrocarbons and other organic compounds. 2,384,572; Sept. 11.

Semotan, Arthur J.: *See*—
Lainson, H., and Semotan.

Semple, Robert B., assignor to Monsanto Chemical Company, St. Louis, Mo. Polymerizing styrene. 2,367,805; Jan. 23.

Sender, Leopold, Baltimore, Md., assignor to The Sharples Corporation, Philadelphia, Pa. Manufacture of soap. 2,369,372; Feb. 13.

Seng Company, The: *See*—
Fox, Martin, assignor.

Seng, Manfred, Berlin, Germany; vested in the Alien Property Custodian. Cool wet dressing with bandages. 2,390,184; Dec. 4.

Sengbusch, Gustav J., Milwaukee, Wis. Inkstand. 2,369,496; Feb. 13.

Sengbusch, Gustav J., Milwaukee, Wis. Desk file. 2,380,678; July 31.

Sengbusch, Gustav J., Milwaukee, Wis. Inkstand. 2,390,667; Dec. 11.

Senkus, Murray, assignor to Commercial Solvents Corporation, Terre Haute, Ind. Ketals of polyhydroxy nitro compounds. 2,368,071; Jan. 23.

Senkus, Murray, assignor to Commercial Solvents Corporation, Terre Haute, Ind. Aminodioxanes. 2,370,586; Feb. 27.

Senkus, Murray, assignor to Commercial Solvents Corporation, Terre Haute, Ind. Nitro amines and preparing same. 2,381,408; Aug. 7.

Senkus, Murray, assignor to Commercial Solvents Corporation, Terre Haute, Ind. Cyclic acetals of unsaturated aldehydes. 2,383,622; Aug. 28.

Senkus, Murray, assignor to Commercial Solvents Corporation, Terre Haute, Ind. 5-Aminohexahydropyrimidines and preparing same. 2,387,043; Oct. 16.

Senkus, Murray, assignor to Commercial Solvents Corporation, Terre Haute, Ind. Surface active agents. 2,389,875; Nov. 27.

Senkus, Murray, Terre Haute, Ind. 5-Nitrohexahydropyrimidines and preparation thereof. 2,391,847; Dec. 25.

Sennet, Morgan B., assignor to De Laval Steam Turbine Company, Trenton, N. J. Pumping system. 2,381,695; Aug. 7.

Sensel, Eugene E., Beacon, assignor to The Texas Company, New York, N. Y. Catalytic conversion of hydrocarbons. 2,378,733; June 19.

Sensiper, Samuel, Garden City, and G. B. Andrews, Hempstead, N. Y., assignors to Sperry Gyroscope Company, Inc. Delayed trigger circuit. 2,373,145; Apr. 10.

Senyal, Frank, New York, N. Y. Filter and water purifier. 2,372,340; Mar. 27.

Sepin, L. T.: *See*—
Brown, Alfred G., assignor.

Sequin, Carl, Oberwinterthur, Switzerland. Apparatus for making blades for turbo-machines. 2,389,876; Nov. 27.

Serdich, Theodore, Gary, Ind. Shear. 2,391,598; Dec. 25.

Serini, Arthur, Berlin N 65, H. Köster, Berlin-Charlottenburg, and L. Strassberger, Berlin-Wilmersdorf, Germany, assignors, by mesne assignments, to Scherinx Corporation, Bloomfield, N. J. Manufacture of unsaturated ketones of the cyclopentano polyhydro phenanthrene series. 2,379,532; July 3.

Serna, Alex, Dearborn, Mich. Micromatic adjustment for work tables. 2,370,882; Mar. 6.
Serniuk, George E., Roselle, N. J., assignor to Standard Oil Development Company. Preparation of synthetic rubber-like materials by emulsion polymerization. 2,384,969; Sept. 18.
Serre, Maurice: *See*—
Honerkamp, F., Kurth, and Serre.
Serre, Maurice, J. B. Hewett, and E. A. Schaefer, New York, N. Y., assignors to Anemostat Corporation of America. Air outlet device. 2,380,553; July 31.
Serrell, John J., assignor to The Sharples Corporation, Philadelphia, Pa. Oil purifying and cooling system. 2,373,349; Apr. 10.
Servel, Inc.: *See*—
Anderson, Philip P., Jr., assignor.
Andersson, Sven W. E., assignor.
Burggrabe, Henry A., assignor.
Davidson, John, assignor.
Dreier, Victor G., assignor.
Edberg, Per., assignor.
Hainsworth, William R., assignor.
Hedlund, William T., assignor.
Hedman, Fritz A., assignor.
Jaros, Stanley, assignor.
Kuenzli, Walter A., assignor.
Nauret, Carl H., assignor.
Reid, J. G., Jr., and McNeely, assignors.
Roswell, Charles A., assignor.
Stangle, William H., assignor.
Thomas, Albert R., assignor.
Ullstrand, Hugo M., assignor.
Service Supply Corporation: *See*—
Lawler, Frank P., assignor.
Servis, Hoyt: *See*—
Nelson, J. H., and Servis.
Servisoft, Inc.: *See*—
Ralston, Glenn S., assignor.
Setchell, Barton T., St. Paul, Minn. Primary light source. 2,372,857; Apr. 3.
Setera, Theodore J., Maspeth, assignor of one-half to J. Gillman, Jamaica, Long Island, N. Y. Slide rule. 2,385,948; Oct. 2.
Setrite Products Corporation: *See*—
Stone, Noah, assignor.
Settecasi, Peter: *See*—
Steiner, L., and Settecasi.
Setterblade, Earl O., Glen Rock, N. J., assignor to Wright Aeronautical Corporation. Shielded spark plug. 2,368,889; Feb. 6.
Setterblade, Earl O., Glen Rock, N. J., assignor to Wright Aeronautical Corporation. Control system. 2,390,619; Dec. 11.
Setterlund, Sidney N., Fort McClellan, Ala., assignor to A. F. Dormeyer Mfg. Company, Chicago, Ill. Food mixer. 2,390,742; Dec. 11.
Settles, James C.: *See*—
Orr, C. L. Moeller, and Settles.
Setz, Paul: *See*—
Hiemenz, W., and Setz.
Severance, Ralph H., assignor to The Magnavox Company, Fort Wayne, Ind. Impulse generator. 2,376,557; May 22.
Severeid, Lester M., Pine River, Minn. Photographic duplicating and projection machine. 2,388,768; Nov. 13.
Severin, Fred V., East Cleveland, Ohio. Container closure. 2,380,797; July 31.
Severy, Lawrence A.: *See*—
Splaine, E. M., and Severy.
Severy, Lawrence A., assignor to American Optical Company, Southbridge, Mass. Welder's helmet. 2,390,006; Nov. 27.
Sevey, Julius B., Swink, assignor to Holly Sugar Corporation, Colorado Springs, Colo. Knife jointer. 2,369,862; Feb. 20.
Sevey, Julius B., Swink, assignor to Holly Sugar Corporation, Colorado Springs, Colo. Rock catcher and remover. 2,369,863; Feb. 20.
Sewell, Benjamin W., Tulsa, Okla., assignor to Standard Oil Development Company. Core barrel. 2,374,961; May 1.
Sewell, Samuel D., Wanette, Okla. Feeder head for hay balers. 2,387,535; Oct. 23.
Seybold, Frederick W., Westfield, assignor to American Type Founders Incorporated, Elizabeth, N. J. Sheet feeding mechanism. 2,384,046; Sept. 4.
Seybold, Frederick W., Westfield, N. J. Automatic transmission. 2,391,648; Dec. 25.
Seyerle, Wilhelm, Waldenbronn, near Esslingen-on-the-Neckar, Germany; vested in the Alien Property Custodian. Cooling arrangement for internal-combustion engines. 2,381,007; Aug. 7.
Seymour, Clayton B., assignor to Hoof Products Company, Chicago, Ill. Fluid lockout device. 2,375,498; May 8.
Seymour, George W., and V. S. Salvin, Cumberland, Md., assignors to Celanese Corporation of America. Anthraquinone dyestuffs fast to acid fading. 2,368,681; Feb. 6.
Seymour, George W., and B. T. Pull, Cumberland, Md., assignors to Celanese Corporation of America. Anthraquinone dyestuff. 2,368,682; Feb. 6.
Seymour, George W., M. E. Martin, and R. D. Rowley, Cumberland, Md., assignors to Celanese Corporation of America. Production of cellulose esters. 2,373,786; Apr. 17.
Seymour, George W., and D. Y. Miller, assignors to Celanese Corporation of America. Treatment of textile material. 2,385,110; Sept. 18.
Seymour, George W., and W. Brooks, Cumberland, Md., assignors to Celanese Corporation of America. Treatment of textile materials. 2,385,423; Sept. 25.
Seymour, George W., and V. S. Salvin, Cumberland, Md., assignors to Celanese Corporation of America. Discharge printing of cellulose acetate. 2,385,885; Oct. 2.
Seymour, George W., and B. B. White, Cumberland, Md., assignors to Celanese Corporation of America. Production of mixed organic esters of cellulose. 2,390,185; Dec. 4.
Seymour, Merrill W., assignor to Eastman Kodak Company, Rochester, N. Y. Sensitive interlayers in multilayer film. 2,391,198; Dec. 18.
Seymour, Merrill W., and W. D. Peterson, assignors to Eastman Kodak Company, Rochester, N. Y. Motion picture sound record. 2,382,670; Aug. 14.
Seymour, Merrill W., and R. V. Young, assignors to Eastman Kodak Company, Rochester, N. Y. Direct method of producing color pictures. 2,382,671; Aug. 14.
Seymour, Robert T.: *See*—
Christian, J. C., and Seymour, assignors.
Seymour, William, Sault Ste. Marie, Ontario, Canada, assignor, by mesne assignments, to Koppers Company, Inc. Apparatus for treating ammonium sulphate crystals. 2,391,484; Dec. 25.
Seymour, Wray S.: *See*—
Silva, F. G., and Seymour.
Shabaker, Hubert A., Media, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Apparatus for producing a gel product. 2,370,200; Feb. 27.
Shackleford, Forrest, New York, N. Y. Target game. 2,372,608; Mar. 27.
Shaeffer, George D., assignor to Gar Wood Industries, Inc., Detroit, Mich. Power take-off lockout mechanism. 2,369,078; Feb. 6.
Shaeffer, George D., assignor to Gar Wood Industries, Inc., Detroit, Mich. Milling fixture. 2,386,146; Oct. 2.
Shaer, Isaac E., assignor to Shaer and Turner Engineering Company, Inc., Boston, Mass. Insulated structure. 2,376,728; May 22.
Shaer and Turner Engineering Company, Inc.: *See*—
Lobdell, Arthur M., assignor.
Shaer, Isaac E., assignor.
Shafarman, Nellye, Cleveland, Ohio. Garment display form. 2,384,495; Sept. 11.
Shafer Bearing Corporation: *See*—
Williams, Arthur H., assignor.
Shafer, Ira, San Diego, Calif. Sliding door supporting apparatus. 2,386,510; Oct. 9.
Shafer, Ira C., Jr., Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Armored conductor structure. 2,391,037; Dec. 18.
Shafer, James A., East Cleveland, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Car truck. 2,385,476; Sept. 25.
Shafer, Julius E., Chicago, Ill. Bearing seal construction. 2,385,306; Sept. 18.
Shafer, Lincoln M.: *See*—
Coward, H. W., and Shafer.
Shaff, Ernest H., Spring Lake, Mich., assignor to Cherry Rivet Company, Los Angeles, Calif. Rivet. 2,385,886; Oct. 2.
Shaffer, Chester E., Jersey City, N. J., and A. B. Fisher, Jr., Wilkinsburg, Pa., assignors, by mesne assignments, to Koppers Company, Inc. Stoking apparatus. 2,388,294; Nov. 6.
Shaffer, Cleve F.: *See*—
Fanger, H. J., Gruenhagen, and Shaffer.
Shaffer, Cleve F., et al.: *See*—
Fanger, Herman J., assignor.
Fanger, H. J., and Gruenhagen, assignors.
Shaffer, Cleve F., San Francisco, assignor of three-eighths to Pacific Coast Mortgage Company, and two-eighths to H. W. Erskine, Piedmont, Calif. Resilient suspension for traction wheels of vehicles. 2,376,942; May 29.
Shaffer, Cleve F., San Francisco, assignor of thirty per cent to M. C. Mogensen, Martinez, thirty per cent to H. W. Erskine, Piedmont, five per cent to H. J. Fanger, and five per cent to H. Gruenhagen, Oakland, Calif. Grenade. 2,378,735; June 19.
Shaffer, Cleve F., San Francisco, assignor of thirty per cent to M. C. Mogensen, Martinez, thirty per cent to H. W. Erskine, Piedmont, five per cent to H. J. Fanger, and five per cent to H. Gruenhagen, Oakland, Calif. Combination mortar. 2,383,087; Aug. 21.
Shaffer, Donald U., Brea, Calif. Blow out preventer. 2,368,332; Jan. 30.
Shaffer, Kenneth B., Chicago, Ill., assignor to Radio Corporation of America. Combined merchandise display and advertising device. 2,375,043; May 1.
Shaffer, William L., assignor to The Brown Instrument Company, Philadelphia, Pa. Control apparatus. 2,376,513; May 22.
Shaffer, William L., assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring and controlling apparatus. 2,388,769; Nov. 13.

Shaffnit, Edgar A., Otsego, Mich. Bolt actuating mechanism for bolt action firearms. 2,387,413; Oct. 23.
Shaffrey, Matthew J., St. Louis, Mo. Divided nut construction. 2,377,581; June 5.
Shafor, Ralph W., New York, N. Y., assignor to The Dorr Company. Sugar refining. 2,391,649; Dec. 25.
Shaheen, Elias: *See*—
Dager, Albert, assignor.
Shaiman, Philip: *See*—
Orrington, Floyd T., assignor.
Shakesby, Leonard, Wolverhampton, England, assignor to Imperial Chemical Industries Limited. Fuel container. 2,369,921; Feb. 20.
Shakesby, Leonard, Bradmore, Wolverhampton, England. Manufacture of liquid container. 2,374,386; Apr. 24.
Shakesby, Leonard, Bradmore, Wolverhampton, England, assignor to Imperial Chemical Industries Limited. Manufacture of liquid containers. 2,377,722; June 5.
Shakespeare Company: *See*—
Burdick, Frank, assignor.
Shakespeare Products Company: *See*—
Batterson, Ernest W., assignor.
Batterson, E. W., and Midling, assignors.
Clickner, Earle D., assignor.
Cobb, LeRoy E., assignor.
Shaks, William P., Woodside, N. Y. Quenching device. 2,387,414; Oct. 23.
Shalhoub, William J., North Bergen, N. J. Roll paper dispenser. 2,381,229; Aug. 7.
Shallock, Edward W., assignor to American Ore Reclamation Company, Chicago, Ill. Sinter treating means. 2,367,063; Jan. 9.
Shallock, Edward W., assignor to American Ore Reclamation Company, Chicago, Ill. Treating plant. 2,379,380; June 26.
Shallock, Edward W., assignor to American Ore Reclamation Company, Chicago, Ill. Sintering machine. 2,391,199; Dec. 18.
Shamah, Israel, London, England. Aircraft course recorder. 2,369,922; Feb. 20.
Shanck, Roy B., Douglas Manor, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Pulse repeating system. 2,366,836; Jan. 9.
Shanck, Roy B., Douglas Manor, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Pulse repeating system. 2,366,837; Jan. 9.
Shanck, Roy B., Douglas Manor, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Pulse repeating system. 2,366,838; Jan. 9.
Shand, James E., Verona, N. J., assignor to Ellis Laboratories, Inc. Synthetic resin and making same. 2,368,165; Jan. 30.
Shand & Jurs Company: *See*—
Blake, Robert W., assignor.
Jurs, Albert E., Jr., assignor.
Shanda Laboratories Incorporated: *See*—
Horowitz, Oskar, assignor.
Shangle, Amos H.: *See*—
Hampton, L. N., and Shangle.
Shank, Clifford A., Jackson Heights, assignor to Federal Telephone and Radio Corporation, New York, N. Y. Torque measuring device. 2,386,008; Oct. 2.
Shank, Rose D., Newark, N. J. Fabric. 2,387,620; Oct. 23.
Shankland, Rodney V.: *See*—
Heard, L., Shankland, and Baillie.
Shanklin, William A., Harlan, Ky. Theft signal. 2,370,497; Feb. 27.
Shankman, Martin, Huntington, N. Y. Tank. 2,374,240; Apr. 24.
Shanley, James J., Bartlesville, Okla., assignor to Phillips Petroleum Company. Method and apparatus for treating drilling fluid. 2,370,817; Mar. 6.
Shanley, James J., Bartlesville, Okla., assignor to Phillips Petroleum Company. Apparatus for storage and utilization of volatile liquids. 2,376,628; May 22.
Shanley, Walter A., Boston, Mass. Grinding machine. 2,372,341; Mar. 27.
Shann, Oscar A.: *See*—
Edwards, W. H., and Shann.
Shann, Oscar A., Short Hills, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone call transmitter. 2,370,264; Feb. 27.
Shann, Oscar A., Short Hills, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone set. 2,374,962; May 1.
Shann, Oscar A., Short Hills, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Communication apparatus. 2,381,986; Aug. 14.
Shannon, Joseph C., Leadville, Colo. Amalgamator. 2,375,254; May 8.
Shannon, Olyn W., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Reaction of acetone with unsaturated compounds. 2,381,371; Aug. 7.
Shannon, Paul B., et al.: *See*—
Smith, Merton J., assignor.
Shantz, Edgar M., assignor to Distillation Products, Inc., Rochester, N. Y. Vacuum distillation process and apparatus. 2,383,945; Sept. 4.
Shape, Alfred C.: *See*—
Miller, F. M., Shape, and McClelland.
Shaper, Harry B.: *See*—
Shapiro, Harry B.
Shapiro, Abraham, and A. A. Shoup, Chicago, Ill., assignors to Ampro Corporation. Cabinet type motion-picture projector. 2,370,587; Feb. 27.
Shapiro, David L., New York, N. Y. Hydraulic driving device. 2,390,620; Dec. 11.
Shapiro, Harry B., now by judicial change of name, H. B. Shaper, Cleveland Heights, assignor to The Brush Development Company, Cleveland, Ohio. Oscillation generator. 2,376,695; May 8.
Shapiro, Hymin: *See*—
Calingaert, G., Soroos, and Shapiro.
Shapiro, Max C., Los Angeles, Calif. Pocket construction for garments. 2,383,746; Aug. 28.
Shapleigh, James H., assignor to Hercules Powder Company, Wilmington, Del. Production of hydrogen-nitrogen mixtures. 2,381,696; Aug. 7.
Shapley, Cooper, Jr., Salida, Colo. Automatic density control for classifiers. 2,376,825; May 22.
Sharon Steel Corporation: *See*—
Weesner, C. W., and Leffingwell, assignors.
Sharp & Dohme, Incorporated: *See*—
Barr, Courtland H., assignor.
Moore, Maurice L., assignor.
Read, Roland R., assignor.
Welch, A. D., and Wright, assignors.
Sharp, John C., Glen Ellyn, assignor to Edison General Electric Appliance Company, Inc., Chicago, Ill. Cooking device. 2,368,496; Jan. 30.
Sharp, John E., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Closure feeding and embossing mechanism. 2,380,194; July 10.
Sharp, John E., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Closure member. 2,383,747; Aug. 28.
Sharp, Phyllis M., et al.: *See*—
Sharp, William V., assignor.
Sharp, Renwick J., Guatemala, Guatemala. Windmill and pump remotely operated thereby. 2,379,833; July 3.
Sharp, Renwick J., Guatemala, Guatemala. Front driven motorboat. 2,379,834; July 3.
Sharp, Renwick J., Guatemala, Guatemala. Springless counter scale. 2,388,091; Oct. 30.
Sharp, Renwick J., Guatemala, Guatemala. Portable whipping machine. 2,390,186; Dec. 4.
Sharp, Robert E. B., Philadelphia, Pa., assignor to The Baldwin Locomotive Works. Balance testing apparatus. 2,377,045; May 29.
Sharp, Thomas E.: *See*—
Wallace, J. S., and Sharp.
Sharp, Thomas E., assignor to Standard Oil Company, Chicago, Ill. Slushing compositions. 2,373,787; Apr. 17.
Sharp, William V., assignor of fifty-one percent to W. S. Meader and nineteen percent to P. M. E. Sharp, Pocatello, Idaho. Advertising device. 2,381,008; Aug. 7.
Sharpe, Clyde L., Shouldice, Alberta, Canada. Snubbing device. 2,370,921; Mar. 6.
Sharpe, Donald B., North Tonawanda, assignor to The Carborundum Company, Niagara Falls, N. Y. Manufacture of abrasive articles 2,383,519; Aug. 28.
Sharpe, Hugh W., Chicago, Ill. Garbage incinerator. 2,384,496; Sept. 11.
Sharpe, John S., Haverford, Pa. Crank assembly. 2,378,507; June 19.
Sharpe, Joseph A., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Seismic surveying. 2,390,187; Dec. 4.
Sharpe, Peter F., Atlantic City, N. J. Furnace. 2,374,707; May 1.
Sharpe, William L., assignor to The Ohio Foundry & Manufacturing Company, Steubenville, Ohio. Fire grate. 2,391,518; Dec. 25.
Sharples Chemicals Inc.: *See*—
Goshorn, Roland H., assignor.
Olin, John F., assignor.
Olin, J. F., and McKenna, assignors.
Olin, J. F., and Schwoegler, assignor.
Schwoegler, E. J., and Olin, assignors.
Sharples Corporation, The: *See*—
Ambler, Charles M., assignor.
Bath, Wilmer H., assignor.
Jones, L. D., and Bath, assignors.
Sender, Leopold, assignor.
Scott, Ashton T., assignor.
Serrell, John J., assignor.
Sharples, Laurence P., assignor.
Sharples, Laurence P., Ardmore, assignor to The Sharples Corporation, Philadelphia, Pa. Purification of aviation oils. 2,373,350; Apr. 10.
Sharples, Laurence P., Ardmore, assignor to The Sharples Corporation, Philadelphia, Pa. Purifying and cooling system for lubricating oils. 2,389,555; Nov. 20.
Shatterproof Glass Corporation: *See*—
Iversen, Norman H., assignor.
Shaub, Frank G.: *See*—
Ensign, E. E., and Shaub.
Shaub, Frank G., and A. E. Jennens, Detroit, assignors to Ford Motor Company, Dearborn, Mich. Smelter. 2,388,092; Oct. 30.
Shavel, John, Jr.: *See*—
Folkers, K., and Shavel.
Shaver, Daniel L., Schenectady, N. Y., assignor to General Electric Company. Clamping device. 2,372,987; Apr. 3.

Shaver, Herbert W., assignor to American Insulator Corporation, New Freedom, Pa. Injection molding machine. 2,367,144; Jan. 9.

Shaw, Burton E., Bristol, assignor to Penn Electric Switch Co., Goshen, Ind. Immersion control. 2,376,091; May 15.

Shaw, Burton E., Bristol, assignor to Penn Electric Switch Co., Goshen, Ind. Gun firing solenoid. 2,383,088; Aug. 21.

Shaw, Burton E., Bristol, assignor to Penn Electric Switch Co., Goshen, Ind. Switch unit. 2,385,887; Oct. 2.

Shaw, Burton E., Bristol, and E. F. Swanson, assignors to Penn Electric Switch Co., Goshen, Ind. Compensated refrigerator thermostat. 2,376,092; May 15.

Shaw, Ebe R.: *See*—
Carpenter, A. D., and Shaw.
Slater, C. A., Carpenter, and Shaw.

Shaw, Edward W., Babylon, assignor to Republic Aviation Corporation, Farmingdale, N. Y. Aircraft structure. 2,390,668; Dec. 11.

Shaw, Elgin L., Cuyahoga Falls, assignor to Wingfoot Corporation, Akron, Ohio. Yield link. 2,391,275; Dec. 18.

Shaw, Ernest C., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Log barker conveyer. 2,391,802; Dec. 25.

Shaw, Everett J., Western Springs, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Article coating apparatus. 2,387,094; Oct. 16.

Shaw, Fred B., Jr.: *See*—
Ryan, J. D., and Shaw.

Shaw, Fred M., Salford, England. Collet chuck. 2,376,093; May 15.

Shaw, Harold F., assignor to F. A. Whitney Carriage Company, Leominster, Mass. Drop-side crib. 2,383,167; Aug. 21.

Shaw, Harry C., assignor to Canton Glass Company, Marion, Ind. Reflector apparatus and button therefor. 2,378,736; June 19.

Shaw, Herbert R.: *See*—
Elston, Edward P., assignor.

Shaw, Hubert K., Boston, Mass. Buoyant utility suit. 2,379,498; July 3.

Shaw, Joe C.: *See*—
Young, F. M., Shaw, and Brinen.

Shaw, Joe C., assignor to Young Radiator Company, Racine, Wis. Internal-combustion engine oil cooler. 2,376,198; May 15.

Shaw, Joe C., Racine, Wis., assignor to Young Radiator Company. Temperature-controlled valve mechanism. 2,379,109; June 26.

Shaw, Joe C., and E. H. Kidd, Racine, Wis., assignors to Young Radiator Company. Drain valve. 2,379,995; July 10.

Shaw, John E. B., Chicago, Ill. Parenteral administration set. 2,367,806; Jan. 23.

Shaw, Joseph A., assignor, by mesne assignments, to Koppers Company, Incorporated, Pittsburgh, Pa. Recovery of ammonium thiosulphate and thiocyanate. 2,386,985; Oct. 16.

Shaw, Louis E., East Orange, assignor to C. A. Calder, Montclair, N. J. Collar support. 2,373,855; Apr. 17.

Shaw, Morton R., Jr.: *See*—
Guyer, E. M., Littleton, and Shaw.

Shaw, Myrll C.: *See*—
Bole, G. A., Shaw, and Co Van.

Shaw, Noble C., Penn Township, Allegheny County, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,368,785; Feb. 6.

Shaw, Portis P., Exeter, Calif. Telegraphy-practicing device. 2,366,154; Jan. 2.

Shaw, Ralph M., Jr., Edgewater Park, N. J. Machine for bending bars and the like. 2,369,923; Feb. 20.

Shaw, Robert C., Holmdel, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Modulator. 2,379,042; June 26.

Shaw, Van L., Chicago, Ill. Finishing paper. 2,366,563; Jan. 2.

Shaw, Van L., Chicago, Ill. Treating sized paper stock. 2,366,564; Jan. 2.

Shaw-Walker Company, The: *See*—
Page, John H., assignor.

Shaw, Warren W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Wheel construction. 2,367,825; Jan. 23.

Shaw, Wilbur A.: *See*—
Thompson, N. C., Gunter, Shaw, and Roe.

Shawinigan Chemicals Limited: *See*—
Andersen, A. H., and Fasken, assignors.
Collins, Henry M., assignor.
Klar, Mogens, assignor.

Shawmut Engineering Company: *See*—
Bixby, Walter, assignor.

Shayeson, Maurice W., Dayton, Ohio. Holder and opener for containers of additive liquid. 2,380,472; July 31.

Shea, Richard F., Fairfield, and C. R. Miner, Stratford, Conn., assignors to General Electric Company. Audio-frequency amplifier. 2,366,565; Jan. 2.

Shea, Richard F., Fairfield, Conn., assignor to General Electric Company. Mutual coupling. 2,388,295; Nov. 6.

Shea, Thomas F., Balboa, C. Z. Rest for riveting hammers. 2,378,869; June 19.

Shean, Daniel, and F. F. Zendek, West Springfield, Mass. Snow plow apparatus. 2,387,686; Oct. 23.

Shealy, James W., Jasper, Ala. Safety mine car coupling pin. 2,389,821; Nov. 27.

Shearer, William A., New Castle, Ind. Foldable closure. 2,373,146; Apr. 10.

Shebat, Herbert V., Pompton Lakes, N. J. Aircraft. 2,369,258; Feb. 13.

Sheen, Milton R., Philadelphia, Pa. Liquid pump. 2,367,893; Jan. 23.

Sheepbridge Stokes Centrifugal Castings Company Limited, The: *See*—
Jones, William D., assignor.

Sheepshanks, Richard H.: *See*—
Ballamy, Leslie M., assignor.
Ballamy, L. M., and Sheepshanks.

Sheerin, John F., Stratford, Conn. Washing machine fixture. 2,370,498; Feb. 27.

Sheetlock Company: *See*—
Petersen, William H., assignor.

Sheetz, Elwood P., Pembroke, and A. J. Chagnon, Pittsfield, N. H. Shuttle feeler tip. 2,385,034; Sept. 18.

Sheffield Corporation, The: *See*—
Aller, Willis F., assignor.
Aller, W. F., and Schulze, assignors.
Blesi, Walter F., assignor.
Debring, Walter M., assignor.
Polk, Louis F., assignor.
Straw, Jesse H., assignor.

Sheffield, Donald H., assignor to Hercules Powder Company, Wilmington, Del. Stabilization of terpene products. 2,387,304; Oct. 23.

Sheiffele, Arthur L., assignor to W. J. Cameron, Chicago, Ill. Diagnostic and electrosurgical appliance. 2,382,109; Aug. 14.

Shelby, Albert, and C. F. Hilgeman, Buffalo, N. Y.; said Hilgeman assignor to said Shelby. Electrical heating device or element. 2,371,475; Mar. 13.

Sheldon, Archibald M., St. Charles, assignor to Union Special Machine Company, Chicago, Ill. Sewing machine. 2,367,145; Jan. 9.

Sheldon, Gilbert J., Irondequoit, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Manufacturing contact lenses. 2,369,758; Feb. 20.

Sheldon, Ralph O., assignor to E. S. Guignon, Kansas City, Mo. Wall unit for sectional buildings. 2,369,373; Feb. 13.

Sheldon, Ralph O., assignor to E. S. Guignon, Jr., Kansas City, Mo. Interlocking building structure. 2,384,198; Sept. 4.

Sheldrick, Laurence S.: *See*—
Sorensen, C. E., and Sheldrick.

Sheldrick, Laurence S., and J. J. Rodak, assignors to Ford Motor Company, Dearborn, Mich. Lamp mounting. 2,368,166; Jan. 30.

Sheldrick, Laurence S., Dearborn, and E. J. Farkas and E. Nador, Detroit, assignors to Ford Motor Company, Dearborn, Mich. Turret control. 2,382,110; Aug. 14

Shell Development Company: *See*—
Adelson, D. E., and Dannenberg, assignors.
Anderson, A. P., and Stross, assignors.
Anderson, J., and Bullard, assignors.
Anderson, J., McAllister, and Ross, assignors.
Anderson, J., Peterson, and McAllister, assignors.
Archibald, Raymond C., assignor.
Archibald, R. C., and Trimble, assignors.
Bailey, William A., Jr., assignor.
Bailey, W. A., Jr., and Greensfelder, assignors.
Ballard, S. A., and Haury, assignors.
Bannerot, R. A., Boultbee, and Greensfelder, assignors.
Barnum, Emmett R., assignor.
Barnum, E. R., and Zublin, assignors.
Bent, Franklin A., assignor.
Bergsteinsson, Ingolfur, assignor.
Blackburn, Billee O., assignor.
Boissonou, Clifford J., assignor.
Bollo, F. G., and Tomlinson, assignors.
Buis, M., and Belchetz, assignors.
Cannon, Curtis W., assignor.
Cole, Robert M., assignor.
Crake, Wilfred S., assignor.
Crake, Wilfred S. M. E., assignor.
Crawford, C. C., and Ross, assignors.
Crawford, C. C. Fuller, and Greensfelder, assignors.
Cunningham, Guy C., assignor.
Dawson, R. D., and Blankenhorn, assignors.
De Benedictis, A., and Luten, assignors.
De Jong, Johan J., assignor.
De Simo, M, and O'Connor, assignors.
De Simo, M., and Roberts, assignors.
Evans, Theodore W., assignor.
Evans, T. W., and Morris, assignors.
Evans, T. W., and Williams, assignors.
Evans, T. W., Blackburn, and Scheibli, assignors.
Evans, T. W., Finch, and Hearne, assignors.
Evans, T. W., and Morris, assignors.
Evans, T. W., Morris, and Melchior, assignors.
Evans, T. W., Morris, and Shokal, assignors.
Evans, T. W., Vaughan, and Rust, assignors.
Finch, H. de V., and Ballard, assignors.
Fitting, R. U., Jr., and McKinsey, assignors.
Fleer, Alfred W., assignor.
Fuller, D. L. and Greensfelder, assignors.

Shell Development Company: *See*—Continued
Gage, William P., assignor.
Gershinowitz, Harold, assignor.
Glendenning, Everett B., assignor.
Griffin, J. R., Jr., and Van Ess, assignors.
Haury, Vernon E., assignor.
Hearne, George W., assignor.
Hearne, G. W., and Adams, assignors.
Hearne, G. W., and La France, assignors.
Hearne, G. W., and Stenmark.
Hemphill, Isaac M., assignor.
Hishon, P. D., Carter, Ravn, and Borchers, assignors.
Johnson, Ava J., assignor.
Johnston, Fulton L., assignor.
Johnston, F. L., and Wilson, assignors.
Klingen, Leendert, assignor.
Lacomble, Antoine E., assignor.
Lapham, Sidney D., assignor.
Larsen, R. G., and Diamond, assignors.
Larsen, R. G., and Zublin, assignors.
Lorens, George A., assignor.
Luten, D. B., Jr., and De Benedictis, assignors.
Luten, D. B., Jr., and Thomas, assignors.
Magin, C. T., and Fetterly, assignors.
Malott, William M., assignor.
Malson, Parker E., assignor.
Marple, Kenneth E., assignor.
Marple, K. E., and Borders, assignors.
Marple, K. E., Evans, and Borders, assignors.
Marple, K. E., Shokal, and Evans, assignors.
McAllister, Sumner H., assignor.
McOmie, Rulon W., assignor.
Miles, Thomas K., assignor.
Mital, John E., assignor.
Morris, R. C., and Evans, assignors.
Morris, R. C., and Finch, assignors.
Morris, R. C., and Moore, assignors.
Morris, R. C., and Shokal, assignors.
Morris, R. C., and Snider, assignors.
Morris, R. C., and Van Winkle, assignors.
Nixon, Alan C., assignor.
Peery, Norman E., assignor.
Penther, C. J., and Rolfson, assignors.
Peterson, W. H., and Anderson, assignors.
Pierotti, Gino J., assignor.
Pierotti, G. J., and Dunn, assignors.
Raley, J. H., and Rust, assignors.
Reamer, Thomas E., assignor.
Rosenstein, Ludwig, assignor.
Ross, W. E., McAllister, and Anderson, assignors.
Ross, W. E., and Pesnaglia, assignors.
Ross, W. E., and Vermeulen, assignors.
Ross, W. E., McAllister, and Anderson, assignors.
Rust, Frederick F., assignor.
Rust, F. F., and Bell, assignors.
Rust, F. F., and Vaughan, assignors.
Ruys, J. D., and Wachter, assignors.
Shiras, R. N., and Luckenbill, assignors.
Shultz, Irving L., assignor.
Sorem, Stanley S., assignor.
Souders, Mott, Jr., assignor.
Souders, M., Jr., and Chermiavsky, assignors.
Souders, M., Jr., and Shiras, assignors.
Stanly, Albert L., assignor.
Treseder, Richard S., assignor.
Tymstra, S., and Miles, assignors.
Van Ess, P. R., and White, assignors.
Vaughan, W. E., and Rust, assignors.
Vinograd, Jerome R., assignor.
Voge, Harvey H., assignor.
Voge, Hervey H., assignor.
Voogd M., Caddy, and Duffy, assignors.
Wachter, A., and Treseder, assignors.
Weiss, Frederick T., assignor.
White, Ellis E., assignor.
Williams, Paul H., assignor.
Williams, P. H., Ballard, and Evans, assignors.
Winkler, D. E., and Ballard, assignors.
Wolff, Harold I., assignor.
Wright, Kenneth A., assignor.
Zublin, E. W., Barnum, and White, assignors.

Shellabarger, William B., Detroit, Mich. Welding electrode holder. 2,373,605; Apr. 10.

Shellenberger, Rolfe, Westfield, and F. X. Gilg, Cranford, assignors to The Babcock & Wilcox Company, Newark, N. J. Furnace wall. 2,368,265; Jan. 30.

Sheller Manufacturing Corporation: *See*—
Burgess, Magnus M., assignor.

Shelley, Gordon E.: *See*—
Coxon, J. E., Lindsley, and Shelley.

Shellmar Products Company: *See*—
De Sylva, Oscar J., assignor.
Gilfillan, Paul M., assignor.
Gurwick, Irving, assignor.
Moore, George A., assignor.

Shelly, Franklin E., assignor to Tube Turns, Louisville, Ky. Throttling valve. 2,373,268; Apr. 10.

Shelton, Andrew B., Columbus, Ga. Picker for spinner frames. 2,390,469; Dec. 4.

Shelton, Robert S., Mariemont, and M. G. Van Campen, Jr., Silverton, assignors to The Wm. S. Merrell Company, Reading, Ohio. Composition of matter. 2,379,381; June 26.

Shelton, Robert S., Mariemont, Ohio, assignor to The Wm. S. Merrell Company. Riboflavin solution. 2,379,644; July 3.

Shelton, Robert S., Mariemont, assignor to The Wm. S. Merrell Company, Cincinnati, Ohio. Composition for counteracting microorganisms. 2,380,877; July 31.

Shendrick, Constantine, Detroit, Mich. Fluid control valve. 2,388,369; Nov. 6.

Shenk, Eugene R.: *See*—
Miller, W. A., and Shenk.

Shenker, George, Brooklyn, N. Y. Baseball game. 2,388,577; Nov. 6.

Shepard, Arthur P., Forest Hills, and H. S. Ingham, Flushing, assignors to Metallizing Engineering Company, Inc., Long Island City, N. Y. Metal spray gun of the wire feed type. 2,381,931; Aug. 14.

Shepard, Arthur P., Forest Hills, and H. S. Ingham, Flushing, assignors to Metallizing Engineering Company, Inc., Long Island City, N. Y. Speed governing mechanism for metal spray guns of the wire feed type. 2,381,932; Aug. 14.

Shepard, Arthur P., Flushing, and H. S. Ingham, Queens Village, assignors to Metallizing Engineering Co. Inc., Long Island City, N. Y. Metal spray gun of the wire feed type. 2,382,111; Aug. 14.

Shepard, Frank B., Texon, Tex. Hub structure. 2,381,607; Aug. 7.

Shepard, Frederick J., Jr.: *See*—
Lewis, A. L., and Shepard.

Shepherd, James E., Cambridge, Mass. Phase angle indicator. 2,370,692; Mar. 6.

Shepherd, James E., Hempstead, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Phase shifter. 2,376,392; May 22.

Shepherd, Judson O., Atlanta, Ga. Call transmitter. 2,375,179; May 1.

Shepherd, Reginald V., and H. J. Turpin, London, England. Trigger mechanism. 2,381,521; Aug. 7.

Shepler, Leonard C., Peoria, Ill. Valve reseating tool. 2,385,589; Sept. 25.

Sheppard, Creedy C., Fort Lee, N. J. Boat. 2,381,622; Aug. 7.

Sheppard, Harry N., Maplewood, N. J., assignor to Scott & Williams, Incorporated, New York, N. Y. Method and machine for marking circular knit fabric for boarding. 2,388,648; Nov. 6.

Sheppard, Harry N., Maplewood, N. J., assignor to Scott & Williams, Incorporated, Laconia, N. H. Circular knit hosiery and making same. 2,388,649; Nov. 6.

Sheppard, Richard H., Hanover, Pa. Combustion chamber. 2,380,615; July 31.

Shera, John W., assignor of one-half to McDowell Manufacturing Company, Pittsburgh, Pa. Cap applying mechanism. 2,375,141; May 1.

Sheram, Wade P., Tennille, Ga. Play dater. 2,368,167; Jan. 30.

Sherburne, Russell W., Brunswick, Maine. Drain device for sinks, basins, etc. 2,376,729; May 22.

Shere, Gerald D., Cambridge, assignor to Raytheon Manufacturing Company, Newton, Mass. Flexible bushing. 2,383,018; Aug. 21.

Sheridan, Hiram W., Oak Park, Ill. Radio communication system. 2,376,393; May 22.

Sheridan, Hiram W., Oak Park, Ill. Armor. 2,391,353; Dec. 18.

Sherlock, Albert, Rainford, assignor to Pilkington Brothers Limited, Lancaster, England. Purification of sand and other minerals from iron. 2,381,843; Aug. 7.

Sherman, Alvin G., Grosse Pointe, Mich., assignor to Globe American Corporation, Kokomo, Ind. Method and apparatus for forming small boats. 2,372,521; Mar. 27.

Sherman, C. W., trustee, et al.: *See*—
Sherman, Clifton W., assignor.

Sherman, Charles G., et al.: *See*—
Wahl, John C., assignor.

Sherman, Clifton W., Ancaster, Ontario, assignor of one-third to Dominion Foundries & Steel Limited, Hamilton, Ontario, Canada, and one-third to C. W. Sherman, trustee for Dominion Foundries & Steel Employees' Savings and Profit Sharing Fund. Apparatus for continuously hot dip coating of tin on coiled strip. 2,390,007; Nov. 27.

Sherman, Donald W., Shorewood, assignor to A. O. Smith Corporation, Milwaukee, Wis. Automobile front wheel suspension. 2,372,744; Apr. 3.

Sherman, Donald W., Shorewood, assignor to A. O. Smith Corporation, Milwaukee, Wis. Upsetting channel edges for welding. 2,377,974; June 12.

Sherman, Donald W., Shorewood, assignor to A. O. Smith Corporation, Milwaukee, Wis. Forging die. 2,384,349; Sept. 4.

Sherman, Edgar B., Darlington, S. C. Repairing cracked cylinder heads and blocks. 2,369,415; Feb. 13.

Sherman, John Q.: *See*—
Metzner, Albert W.

Sherman, John Q., deceased, by K. M. Sherman, W. C. Sherman, and W. B. Turner, Dayton, Ohio, executors. Separating machine. 2,368,683; Feb. 6.

Sherman, Katherine M., et al., executors: *See*—
Metzner, Albert W., assignor.

Sherman, Katherine M., executor, et al.: *See*—
Sherman, John Q.

Sherman, Laurence R., Glens Falls, N. Y., and C. R. Bartels, South Orange, assignors to National Oil Products Company, Harrison, N. J. Manufacture of cement. 2,390,225; Dec. 4.

Sherman, Orville B., assignor to Detroit Macoid Corporation, Detroit, Mich. Cosmetic container. 2,380,338; July 10.

Sherman, Ralston M., Glastonbury, assignor to The Silent Glow Oil Burner Corporation, Hartford, Conn. Wall flame type burner. 2,388,502; Nov. 6.

Sherman, Ralph A., assignor to Battelle Memorial Institute, Columbus, Ohio. Stoker. 2,371,191; Mar. 13.

Sherman, Ralph H.: *See*—
Yerkovich, S., Sherman, and Cameron.

Sherman, Russel J., Rutherford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Material working apparatus. 2,368,786; Feb. 6.

Sherman, Sol, New York, N. Y. Money and article carrying belt. 2,383,748; Aug. 28.

Sherman, Vernon W., Summit, N. J., and E. Gonyou, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Electric machine. 2,372,453; Mar. 27.

Sherman, Vernon W., Summit, N. J., assignor to Federal Telephone & Radio Corporation, New York, N. Y. Induction heating apparatus and flux field control thereof. 2,383,992; Sept. 4.

Sherman, Vernon W., Summit, N. J., assignor to Federal Telephone & Radio Corporation, New York, N. Y. Induction heating apparatus. 2,386,819; Oct. 16.

Sherman, Vernon W., Summit, N. J., assignor to Federal Telephone & Radio Corporation, New York, N. Y. Apparatus for selective heat treatment of metal. 2,390,559; Dec. 11.

Sherman, William C., executor, et al.: *See*—
Sherman, John Q.

Sherka, Chemical Co., Inc.: *See*—
Von Becker, Burkhard, assignor.

Sheroff, Abraham S., Boston, Mass. Starting and stopping power transmission mechanism. 2,372,397; Mar. 27.

Sherrer, John M., assignor to Eureka Vacuum Cleaner Company, Detroit, Mich. Converter attachment. 2,373,587; June 19.

Sherrill, Burl E., Peru, Ind. Magnetic compass. 2,375,329; May 8.

Sherrill, Harry J., Youngstown, Ohio. Air brake valve. 2,366,937; Jan. 9.

Sherrow, Sayle, Richmond, Ind. Stock feed mechanism. 2,368,890; Feb. 6.

Sherry, Henry A., San Bruno, Calif. Portable ramp for vehicles. 2,370,427; Feb. 27.

Sherwin, Chalmers W., Belmont, Mass., assignor, by mesne assignments, to United States of America as represented by the Secretary of War. Remote indicating system. 2,389,692; Nov. 27.

Sherwin-Williams Company, The: *See*—
Adams, Richard C., assignor.
Carlson, Neal K., assignor.
Downs, C. D., and Saunders, assignors.
McCord, A. T., and Saunders, assignors.
O'Neal, Grady M., assignor.
Waters, Harold A., and Meadows, assignors.

Sherwood, Fred, and C. J. Kriz, Cheyenne, Wyo. Recap tire balancing wheel. 2,390,008; Nov. 27.

Sherwood, Frederick E., assignor to National Aluminate Corporation, Chicago, Ill. Water treating composition and producing same. 2,376,885; May 29.

Sherwood, Lester L., Los Angeles, Calif. Billfold. 2,384,199; Sept. 4.

Sherwood, Lester L., Los Angeles, Calif. Billfold. 2,388,444; Nov. 6.

Sherwood Refining Company, Inc.: *See*—
Keck, Walter E., assignor.

Sherwood, Reginald C: *See*—
Andrews, J. S., and Sherwood.

Shewell, Charles T.: *See*—
Jones, W. C., and Shewell.

Shiatte, Ludovic, et al.: *See*—
Brown, Arthur S., assignor.

Shibovich, Henry J., Chicago, Ill. Stock straightener. 2,389,644; Nov. 27.

Shick, Margaret E., McFarland, Calif. Chair and music stand unit. 2,375,696; May 8.

Shideler, Elbert M., and H. L. Bloxom, Council Bluffs, Iowa. Centrifugal machine. 2,387,095; Oct. 16.

Shield, Charles F., et al.: *See*—
Bowman, Lee, assignor.

Shield, John, Valois, Quebec, Canada, assignor to Western Electric Company, Incorporated, New York, N. Y. Insulated electrical conductor and cable. 2,386,753; Oct. 16.

Shields, Albert F: *See*—
Keuffel, C. W., Wiedemann, and Shields.

Shields, Arthur L., Springfield, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Refrigeration apparatus. 2,379,193; June 26.

Shields, Hardin O., Abilene, Tex., assignor to The Texas Company, New York, N. Y. Apparatus for conditioning cotton seed. 2,376,094; May 15.

Shields, Herbert F. H.: *See*—
Grossmith, G. W., and Shields.

Shields, James E., Niagara Falls, N. Y., and U. B. Bray, Palos Verdes Estates, Calif., assignors to Alox Corporation, New York, N. Y. Lubricating and corrosion-preventing composition. 2,389,090; Nov. 13.

Shields, Raleigh T., Newport News, Va. Helmet for acetylene welders. 2,370,499; Feb. 27.

Shields, Robert A., Bloomsburg, Pa., assignor to American Car and Foundry Company, New York, N. Y. Latch lock for mine cars. 2,376,826; May 22.

Shields, William H., assignor to Emery Industries, Inc., Cincinnati, Ohio. Manufacture of greases from grease bases. 2,381,314; Aug. 7.

Shigley, Claire M.: *See*—
Schambra, W. P., and Shigley, assignors.

Shigley, Claire M., Freeport, Tex., assignor to The Dow Chemical Company, Midland, Mich. Rotary lime treating apparatus. 2,375,499; May 8.

Shill, Sidney C., Los Angeles, Calif. Piano. 2,377,582; June 5.

Shimwell, Derrick W., Alderley Edge, England. Beat-up mechanism of looms for weaving. 2,380,798; July 31.

Shimwell, Derrick W., Alderley Edge, England. Weft beat-up mechanism of looms for weaving. 2,382,511; Aug. 14.

Shina, Frank C., Urbana, Ohio, assignor to United Paperboard Company, New York, N. Y. Box. 2,373,423; Apr. 10.

Shinholt, George L.: *See*—
Greene, H. M., and Shinholt.

Shinkle, Archie E., Eagleville, Tenn. Calendar. 2,383,892; Aug. 28.

Shinkle, Seaphes D., Passaic, N. J., assignor to United States Rubber Company, New York, N. Y. Insect repellent. 2,381,082; Aug. 7.

Shinn, Byron H., Butler, Pa., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Adjustable seat. 2,367,829; Jan. 23.

Shinn, Robert F., Lewisville, Tex. Can crusher. 2,373,057; Apr. 3.

Shipley, Elias S.: *See*—
Ross, W. H., Shipley, Mullins, and Hardesty.

Shipley, George H., Jr., and W. B. Franklin, Baytown, Tex., assignors to Standard Oil Development Company. Hydrocarbon dehydration by distillation. 2,368,497; Jan. 30.

Shipman, Raymond F., Kearny, N. J., assignor of one-half to F. A. Cummings, Maybrook, N. Y. Weighing scoop. 2,386,637; Oct. 9.

Shipp, Vladimir L.: *See*—
Cauley, S. P., and Shipp.

Shipp, Vladimir L., New York, and A. C. Pabst and R. B. Killingsworth, Douglaston, N. Y., assignors to Socony-Vacuum Oil Company, Incorporated. Toxicant petroleum products. 2,374,387; Apr. 24.

Shiras, Russell N.: *See*—
Souders, M., Jr., and Shiras.

Shiras, Russell N., Oakland, and D. B. Luckenbill, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Dehydration of acetone. 2,373,269; Apr. 10.

Shirkey, James J.: *See*—
Barksdale, John D., assignor.

Shirley, Clifford H., Nutley, N. J., assignor to The Columbia Mills, Inc., New York, N. Y. Shade mounting for outswinging windows. 2,386,986; Oct. 16.

Shivell, Homer J., Kingsport, Tenn. Check strap. 2,374,042; Apr. 17.

Shively, Chester H.: *See*—
Freeman, L. T., and Shively, assignors.

Shively, John J.: *See*—
Lecky, P., and Shively.

Shively, John J., and H. R. Van Deventer, New York, N. Y. Phonograph mechanism. 2,380,799; July 31.

Shively, John J., and H. R. Van Deventer, assignors to Telephone Answering and Recording Corporation, New York, N. Y. Recording and reproducing apparatus. 2,374,842; May 1.

Shively, Roy H.: *See*—
Freeman, L. T., and Shively.

Shivers, Paul F., Edina, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Temperature compensator for pressure responsive devices. 2,366,566; Jan. 2.

Shmidl, Albert J.: *See*—
Cato, A. Q., Wash, and Shmidl.

Shnitzler, Meyer J., Jamaica Plain, assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor and blade. 2,371,412; Mar. 13.

Shobert, Erle I., II, J. E. Diehl, and A. J. Schutz, assignors to Stackpole Carbon Company, St. Marys, Pa. Generator regulator. 2,366,878; Jan. 9.

Shobert, Erle I., II, assignor to Stackpole Carbon Company, St. Marys, Pa. Electric contacts. 2,382,338; Aug. 14.

Shobert, Erle I., II, assignor to Stackpole Carbon Company, St. Marys, Pa. Method and apparatus for prolonging the life of electric brushes. 2,389,214; Nov. 20.

Shobert, Samuel M., Flourtown, assignor, by mesne assignments, to Marco Chemicals, Inc., Sewaren, Pa. Casting apparatus and method. 2,390,129; Dec. 4.

Shockett, Harry U., Denver, Colo. Fluorescent lamp fixture. 2,367,472; Jan. 16.

Shock Proof Lens Guard, Inc.: *See*—
Brown, William, assignor.

Shoe Form Co. Inc.: *See*—
De Witt, William J., assignor.
DeWitt, W. J., Ott, and Runk, assignors.

Shoe Press Corporation: *See*—
Smith, John F., assignor.

Shoeld, Mark, assignor to The Davison Chemical Corporation, Baltimore, Md. Dehydrating process. 2,376,095; May 15.

Shoeld, Mark, Towson, assignor to The Davison Chemical Corporation, Baltimore, Md. Phosphoric acid manufacture. 2,384,773; Sept. 11.

Shoemaker, Bernard H.: *See*—
Adams, C. E., and Shoemaker.
Carmody, D. R., and Shoemaker.

Shoemaker, Bernard H., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Conversion of ethylene to butadiene. 2,376,956; May 29.

Shoemaker, Bernard H., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Manufacture of dienes. 2,376,988; May 29.

Shoemaker, Bernard H., Whiting, Ind., and E. L. D'Ouville, assignors to Standard Oil Company, Chicago, Ill. Producing unsaturation in hydrocarbons. 2,381,987; Aug. 14.

Shoemaker, Bernard H., Hammond, Ind., and E. L. D'Ouville, assignors to Standard Oil Company, Chicago, Ill. Treating olefine polymers. 2,390,621; Dec. 11.

Shoemaker, Ethel S., executrix: *See*—
Smith, George K.

Shoemaker, Fred G. and O. C. Kreis, Birmingham, assignors to General Motors Corporation, Detroit, Mich. Equalizer for dual clutches. 2,367,064; Jan. 9.

Shoemaker, George H., Brooklyn, N. Y., assignor to Federal Telephone and Radio Corporation. Rectifier. 2,380,080; July 10.

Shoemaker, George H., Brooklyn, assignor to Federal Telephone & Radio Corporation, New York, N. Y. Selenium rectifier temperature indicator. 2,384,200; Sept. 4.

Shoemaker, Milton J., assignor to Research Products Corporation, Madison, Wis. Treatment of water. 2,368,574; Jan. 30.

Shoemaker, Richard W., Woodbury, Conn. Apparatus for the manufacture of helical heat exchange fins. 2,370,265; Feb. 27.

Shoemaker, Robert C., assignor to Williamette Hyster Company, Portland, Oreg. Vehicle loader. 2,388,015; Oct. 30.

Shoenberg, Milton H., deceased, by N. Shoenberg, administratrix; said M. H. Shoenberg, assignor to J. H. Kay, San Francisco, Calif. Selective electric switch apparatus. 2,372,988; Apr. 3.

Shoenberg, Norine, administratrix: *See*—
Shoenberg, Milton H.

Shoesmith, Albert, Fall River, assignor to Draper Corporation, Hopedale, Mass. Bobbin support stop. 2,380,709; July 31.

Shoffner, Harry C., Lawrence, Kans. Rivet drill. 2,372,398; Mar. 27.

Shokal, Edward C.: *See*—
Evans, T. W., Morris, and Shokal.
Marple, K. E., Shokal, and Evans.
Morris, R. C., and Shokal.

Sholar, William J., New Rochelle, N. Y. Dehydrating apparatus. 2,380,555; July 31.

Sholder, Morris, assignor to Form Fashion, Inc., Chicago, Ill. Blouse. 2,390,188; Dec. 4.

Sholl, Harold A., Jr., assignor to The Brown Instrument Company, Philadelphia, Pa. Liquid seal and flow gauge. 2,370,755; Mar. 6.

Shoner, Robert N., Fort Wayne, Ind. Seal leakage detector for canned goods. 2,374,140; Apr. 17.

Shonle, Horace A., and E. Rohrmann, assignors to Eli Lilly and Company, Indianapolis, Ind. Carbonates of 1-R-1 aminoethanes. 2,386,273; Oct. 9.

Shonnard, John R., assignor to Times Telephoto Equipment Inc., New York, N. Y. Frequency modulation system. 2,366,363; Jan. 2.

Shonts, James G., Glendale, and J. B. Pray, North Hollywood, assignors to Lockhead Aircraft Corporation, Burbank, Calif. Transparent closure mounting. 2,379,194; June 26.

Shook, Earley M., Washington, D. C., assignor, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Gain control for seismograph amplifiers. 2,383,571; Aug. 28.

Shook, Earley M., and R. W. Olson, Washington, D. C., assignors, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Apparatus for transmitting seismic signals. 2,369,081; Feb. 6.

Shook, Earley M., and R. W. Olson, Washington, D. C., assignors, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Apparatus for seismic surveying. 2,369,082; Feb. 6.

Shook, Florain J., Akron, Ohio, assignor to National-Standard Company. Tire bead former. 2,382,672; Aug. 14.

Shook, H. G., Company, The: *See*—
Frankhouser, Albert G., assignor.

Shoosmith, Guy T., Chislehurst, assignor to Clarke, Chapman & Company Limited, Gateshead-on-Tyne, England. Luffing crane. 2,368,891; Feb. 6.

Shore, Jesse J., Dallas, Tex. Internal-combustion engine. 2,367,894; Jan. 23.

Shoreys, Charles, St. Albans, N. Y., assignor to Radio Corporation of America. Rotary shaft coupling. 2,366,461; Jan. 2.

Short, Frank, U. S. Army, Canton Center, Conn. Testing apparatus. 2,371,192; Mar. 13.

Short, George A.: *See*—
Crew, Morris W., and Short.

Short, Graham H., Bartlesville, Okla., assignor to Phillips Petroleum Company. Recovery of hydrocarbons. 2,386,360; Oct. 9.

Short, Graham H., and G. G. Oberfell, Bartlesville, Okla., assignors to Phillips Petroleum Company. Production of high octane fuels. 2,376,558; May 22.

Short, Graham H., and L. C. Morris, Bartlesville, Okla., assignors to Phillips Petroleum Company. Process and reagent for the separation of diolefins. 2,386,274; Oct. 9.

Short, Herbert E., assignor of one-half to Precision Engineering Company Limited, Wellington, New Zealand. Card index. 2,371,713; Mar. 20.

Short, Thomas T., Fort Wayne, Ind., assignor to General Electric Company. Voltage regulator circuit. 2,367,625; Jan. 16.

Short, Wallace F., and P. Oxley, assignors to Boots Pure Drug Company Limited, Nottingham, England. Dyestuffs suitable for use as indicators. 2,376,283; May 15.

Shortell, William H., assignor to Millers Falls Company, Greenfield, Mass. Pressure indicator for hack saws. 2,381,988; Aug. 14.

Shorter, Josephine: *See*—
Waters, Andrew S., assignor.

Shortland, Arthur, *See*—
Bromley, T. C., and Shortland.

Shotwell, Hugh C., and R. F. Goff, Phoenix, Ariz. Automatic filling device for batteries. 2,384,970; Sept. 18.

Shoults, David R., Schenectady, N. Y., assignor to General Electric Company. Centrifugal compressor. 2,373,713; Apr. 17.

Shoults, David R., Schenectady, N. Y., assignor to General Electric Company. Control system for aircraft turbosuperchargers. 2,374,708; May 1.

Shoults, David R., Schenectady, N. Y., assignor to General Electric Company. Control for aircraft superchargers. 2,376,199; May 15.

Shoup, Allen A.: *See*—
Shapiro, A., and Shoup.

Shoup, Stanley S., Toledo, Ohio, assignor to The National Supply Company, Pittsburgh, Pa. Retractable operating head for vertically actuated arbor or assembly press. 2,390,849; Dec. 11.

Shourds, Dalton B., et al.: *See*—
Clyburn, Andrew D., assignor.

Showers, Lewis M., Lansdowne, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Internal-combustion motor and method of operating it. 2,383,749; Aug. 28.

Shriro, Morris A.: *See*—
Pitinsky, M., Gerst, and Shriro.

Shriver, T., & Company, Inc.: *See*—
Mueser, Charles, assignor.

Shroyer, Jacob L., Oak Park, and H. A. Michaelis, Elmhurst, assignors to Edison General Electric Appliance Company, Inc., Chicago, Ill. Cooking device. 2,367,626; Jan. 16.

Shryer, Arthur F., Kenmore, N. Y. Multiple splint unit. 2,367,895; Jan. 23.

Shue, Clyde L., Coronado, Calif., and F. J. Allgeo, Reno, Nev. Level. 2,385,424; Sept. 25.

Shuey, Charles R., Spokane, Wash. Trailer logging bunk. 2,377,723; June 5.

Shuffiebotham, John S., Walsall, England, assignor to Imperial Chemical Industries Limited. Cartridge case. 2,381,083; Aug. 7.

Shugart, H. A., et al.: *See*—
Flook, Cyril M., assignor.

Shuler, Carl J., Los Angeles, Calif., assignor to Interstate Aircraft and Engineering Corp. Synthetic poppet valve. 2,368,887; Feb. 6.

Shuler, Morris L., Cleveland Heights, Ohio. Child's vehicle. 2,375,389; May 8.

Shultz, Frederick W., Wichita, Kans. Bolt and mounting therefor. 2,379,752; July 3.

Shultz, Irving I., Long Beach, assignor to Shell Development Company, San Francisco, Calif. Executing catalytic conversions with regenerative contact masses. 2,366,567; Jan. 2.

Shuman, Moses, West Los Angeles, Calif. Hydraulic brake. 2,376,662; June 19.

Shumard, Charles C., Moorestown, N. J., assignor to Radio Corporation of America. Electronic switching system. Re. 22,672; Aug. 28.

Shumard, Roland S., assignor to Monsanto Chemical Company, St. Louis, Mo. Sap-stain control. 2,385,764; Sept. 25.

Shurcliff, William A., Plainfield, N. J., assignor to American Cyanamid Company, New York, N. Y. Spectral shift color reproduction. 2,369,317; Feb. 13.

Shurcliff, William A., Washington, D. C., assignor to American Cyanamid Company, New York, N. Y. Spectrophotometer attachment for eliminating specular reflection. 2,383,346; Aug. 21.

Shure Brothers: *See*—
Bauer, Benjamin B.

Shure, Frances, et al., trustee: *See*—
Bauer, Benjamin B., assignor.
Shure, S. N., et al., trustee: *See*—
Bauer, Benjamin B., assignor.
Shuron Optical Company, Inc.: *See*—
Jerry, Carl R., assignor.
Shurts, Wilbur F.: *See*—
Black, J. B., and Shurts.
Shutt, Richard S.: *See*—
Clark, A., and Shutt.
Shutt, Richard S., assignor to Battelle Memorial Institute, Columbus, Ohio. Producing solution containing cellulosic material. 2,371,359; Mar. 13.
Shuttleworth, Howard L., assignor to Mohawk Carpet Mills, Inc., Amsterdam, N. Y. Loom. 2,389,091; Nov. 13.
Sias, Frederick R., Marblehead, Mass., assignor to General Electric Company. Temperature indicator. 2,367,065; Jan. 9.
Sibert, Alfred B.: *See*—
Hruska, H. E., and Sibert.
Sibert, Alfred B., Rochester Township, Fulton County, Ind. Fluid transmission. 2,387,415; Oct. 23.
Sibley, Henry C., Jr., assignor to General Railway Signal Company, Rochester, N. Y. Coded centralized traffic control system. 2,378,332; June 12.
Sibley, Robert L., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Sulphides of dialkyl phenols. 2,370,756; Mar. 6.
Sibson, Walter W., Jr., and H. H. Belcher, assignors to Proctor & Schwartz, Incorporated, Philadelphia, Pa. Packaging machine. 2,366,811; Jan. 9.
Sichère, René M., Elmhurst, N. Y. Shoemaking. 2,385,307; Sept. 18.
Sickles, F. W., Company, The: *See*—
Oliver, Herbert F., assignor.
Siddle, Francis J.: *See*
Myles, J. R., Whittaker, and Siddle.
Side, Frederick W., assignor to The Brown Instrument Company, Philadelphia, Pa. Bearing. 2,377,526; June 5.
Sidebotham, Melvin H., et al.: *See*—
Hoag, Roderick W., assignor.
Sidebotham, Melvin H., Newton, assignor of one-half to H. M. Russell, Chelsea, Mass. Machine for making packages. 2,368,429; Jan. 30.
Sidebotham, Melvin H., Newton, assignor of one-half to H. M. Russell, Chelsea, Mass. Machine for sealing containers. 2,368,046; Jan. 23.
Sidebotham, Melvin H., Newton, assignor of one-half to H. M. Russell, Chelsea, Mass. Method and machine for punching out articles from strips. 2,366,147; Oct. 2.
Sidell, Philip A., and E. J. Wellman, assignors to Outboard Marine & Manufacturing Company, Galesburg, Ill. Method and product of joining preformed plastic members. 2,378,801; June 19.
Sidelmann, Sybil E., Hollywood, Fla. Beach dressing tent. 2,376,284; May 15.
Siden, Karl Å., Sandviken, Sweden. Drapery, curtain, and similar hangings. 2,366,986; Jan. 9.
Siderman, Joseph A., Eatontown, N. J. Chronometric radiosonde system. 2,381,009; Aug. 7.
Sides, Harold I. and R. M., Chicago, Ill. Basket carrying cart. 2,377,815; June 5.
Sides, Raymond M.: *See*—
Sides, Harold I. and R. M.
Sidley, William P., trustee, et al.: *See*—
Geiger, William A., assignor.
Sidley, William P., et al., trustees: *See*—
Geiger, William A., assignor.
Sieb, Henry, Hammond, Ind. Conveyer structure. 2,390,276; Dec. 4.
Siebert, George J. H., Merion, Pa. Railway track assembly. 2,377,273; May 29.
Sieba, Claude T., Summit, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Flooring. 2,367,146; Jan. 9.
Siedentopf, Heinz A., St. Paul, Minn., assignor to Fromm Laboratories, Inc., Grafton, Wis. Method and apparatus for reserving biological substances. 2,380,339; July 10.
Siefken, George R., New York, N. Y. Humidifying apparatus. 2,377,527; June 5.
Siegel, Chester A., Newark, N. J., assignor to American Arch Co., New York, N. Y. Locomotive firebox equipment. 2,367,532; Jan. 16.
Siegel, Chester A., Newark, N. J., assignor to American Arch Company, New York, N. Y. Locomotive firebox equipment. 2,379,597; July 3.
Siegel, Walter: *See*—
Lambach, F., and Siegel.
Siegenthaler, Walter, assignor to Maschinenfabrik Schärer, Erlenbach, Zurich, Switzerland. Device for unreeling the strand material in winding machines. 2,370,922; Mar. 6.
Siegenthaler, Walter, assignor to Maschinenfabrik Scharer, Erlenbach, Zurich, Switzerland. Thread traverse drum, particularly for winding machines. 2,370,923; Mar. 6.
Siegenthaler, Walter, assignor to Maschinenfabrik Scharer, Erlenbach, Zurich, Switzerland. Spool holder for winding machines. 2,370,924; Mar. 6.
Siegenthaler, Walter, Erlenbach, near Zurich, assignor to Maschinenfabrik Scharer, Erlenbach, Zurich, Switzerland. Winding machine for producing tubular cops. 2,385,949; Oct. 2.
Siegenthaler, Walter, assignor to Maschinenfabrik Schärer, Erlenbach, Zurich, Switzerland. Winding machine. 2,387,949; Oct. 30.
Siegerist, Walter, University City, Mo. Mounting for sheaves and the like. 2,377,046; May 29.
Siegerist, Walter, University City, Mo. Turning machine. 2,389,556; Nov. 20.
Siegrist, John C.: *See*—
Kuna, Joseef, assignor.
Siemens Brothers & Co. Limited.: *See*—
Christian, D. A., and Dibben, assignors.
Christian, D. A., and Long, assignors.
Durkin, Eric W., assignor.
Siemers, Eric, assignor to H. B. Lacey, Kalamazoo, Mich. Welding electrode holder. 2,377,047; May 29.
Siesel, William M., Morrisville, Pa., assignor to Elastic Stop Nut Corporation, Union, N. J. Making anchor nuts. 2,370,201; Feb. 27.
Sievers, Carl F., Pontiac, Mich., assignor to Phillips Petroleum Company. Closure attachment means. 2,367,896; Jan. 23.
Sievert, Roy E., Morris, Minn. Hand cultivator. 2,382,030; Aug. 14.
Siewert, Edwin C., Wausau, Wis., assignor to Marathon Corporation. Leakproof carton. 2,374,458; Apr. 24.
Sifferd, Robert H., Lyons, assignor to Armour and Company, Chicago, Ill. Preparation of lecithin. 2,371,476; Mar. 13.
Sigford, John V.: *See*—
Gille, W. H., and Sigford.
Siggia, Sidney: *See*—
Mark, H. F., and Siggia.
Sigmund Corporation: *See*—
Sigmund, F. J., and Hlavin, assignors.
Sigmund, Frank J., and W. S. Hlavin, Cleveland, Ohio, assignors, by mesne assignments, to Sigmund Corporation. Dynamoelectric machine. 2,371,193; Mar. 13.
Sigmund, Frank J., and W. S. Hlavin, Cleveland, Ohio, assignors, by mesne assignments, to Sigmund Corporation. Winding element. 2,383,019; Aug. 21.
Sigmund, Frank J., and W. S. Hlavin, Cleveland, Ohio, assignors, by mesne assignments, to Sigmund Corporation. Liquid-tight stator. 2,385,385; Sept. 25.
Sigmund, Frank J., and W. S. Hlavin, Cleveland, Ohio, assignors, by mesne assignments, to Sigmund Corporation. Pumping arrangement. 2,386,275; Oct. 9.
Sigmund, Frank J., and W. S. Hlavin, Cleveland, Ohio, assignors, by mesne assignments, to Sigmund Corporation. Cooling means for dynamoelectric machine. 2,390,130; Dec. 4.
Signal Engineering & Manufacturing Company: *See*—
Wheelock, John H., assignor.
Signal Oil and Gas Company: *See*—
Young, Garth L., assignor.
Signer, Johan U., West Hartlepool, and L. M. Douglas, assignors to Richardsons, Westgarth & Company Limited, and The Parsons Marine Steam Turbine Company, Limited, Wallsend-on-Tyne, England. Gearing. 2,389,557; Nov. 20.
Sigoda, Victor J., Brooklyn, assignor to Man-Sew Pinking Attachment Corp., New York, N. Y. Multiple needle stitching mechanism. 2,369,183; Feb. 13.
Sigoda, Victor J., Great Neck, Long Island, assignor to Man-Sew Pinking Attachment Corp., New York, N. Y. Ruffler operating mechanism. 2,370,693; Mar. 6.
Sigoda, Victor J., Great Neck, assignor to Man-Sew Pinking Attachment Corp., New York, N. Y. Dress or skirt trimming mechanism. 2,383,020; Aug. 21.
Sihvonen, Kauno E.: *See*—
Riopelle, E. F., and Sihvonen.
Sihvonen, Kauno E., and E. F. Riopelle, assignors to General Motors Corporation, Detroit, Mich. Balancing machine. 2,382,673; Aug. 14.
Silber, Eugene, New York, N. Y. Injector-timer for internal-combustion engines. 2,381,623; Aug. 7.
Silberkraus, Samuel H., Springfield, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Preparing synthetic resin. 2,373,058; Apr. 3.
Silberstein, George P., assignor to Eastman Kodak Company, Rochester, N. Y. Range finder. 2,371,779; Mar. 20.
Silberstein, Victor: *See*—
Kernot, Joseph C., and Silberstein.
Silbert, Eileen, et al.: *See*—
Du Bois, Joseph E., assignor.
Silent Glow Oil Burner Corporation, The: *See*—
Sherman, Ralston M., assignor.
Siler, Robert W., Oak Ridge, Tenn. Sling fitting. 2,384,497; Sept. 11.
Silex Company, The: *See*—
Lucia, Louis V., assignor.
Wolcott, Frank E., assignor.
Wolcott, F. E., and Lucia, assignors.
Silge, Martin, Oakland, Calif. Refractometer. 2,383,347; Aug. 21.
Silge, Martin, Oakland, Calif. Refractometer. 2,391,599; Dec. 25.
Silk, Charles E., Alton, assignor to Olin Industries, Inc., East Alton, Ill. Smokeless powder process. 2,375,175; May 1.

Silk, Charles E., Alton, Ill., assignor to Olin Industries, Inc. Making extruded powder. 2,381,468; Aug. 7.
Sillick, William E., assignor to Eastman Kodak Company, Rochester, N. Y. Preparation of cellulose nitrate. 2,367,533; Jan. 16.
Sillick, William E., assignor to Eastman Kodak Company, Rochester, N. Y. Preparation of wood pulp cellulose for nitration. 2,384,853; Sept. 18.
Silliman, Louis A., assignor to C. J. Bates & Sons, Chester, Conn. Tatting shuttle. 2,366,568; Jan. 2.
Silva, Frederick G., and W. S. Davenport, deceased, by E. E. Davenport, executrix, assignors to Davenport Machine Tool Co., Inc., Rochester, N. Y. Cam assembly. 2,379,545; July 3.
Silva, Frederick G., and W. S. Seymour, assignors to Davenport Machine Tool Co., Inc., Rochester, N. Y. Clutch operating means. 2,385,734; Sept. 25.
Silva, Joseph B.: *See*—
Brown, A. J., and Silva.
Silvasy, John E., and L. Taylor, Youngstown, Ohio. Apparatus for producing metal powder. 2,384,971; Sept. 18.
Silven, Herbert A., assignor to Norton Company, Worcester, Mass. Crank grinding machine. 2,375,737; May 8.
Silven, Herbert A., assignor to Norton Company, Worcester, Mass. Surface grinding machine. 2,387,044; Oct. 16.
Silver, Harold F., Denver, Colo. Continuous diffusion process. 2,390,131; Dec. 4.
Silver, Leonard, and M. Maccormac, assignors to The Gas Light and Coke Company, Westminster, London, England. Apparatus for heating gas streams. 2,375,500; May 8.
Silver, Seymour D., Baltimore, Md. Hot water-soluble paint. 2,369,184; Feb. 13.
Silver, Walter H., assignor to Deere & Company, Moline, Ill. Power lift mechanism. 2,366,155; Jan. 2.
Silver, Walter H., assignor to Deere & Company, Moline, Ill. Power lift. 2,366,266; Jan. 30.
Silver, Walter H., assignor to Deere & Company, Moline, Ill. Disk tiller. 2,370,374; Feb. 27.
Silver, Walter H., assignor to Deere & Company, Moline, Ill. Lister. 2,373,920; Apr. 17.
Silver, Walter H., assignor to Deere & Company, Moline, Ill. Disk tiller. 2,376,455; May 22.
Silver, Walter H., assignor to Deere & Company, Moline, Ill. Two-way plow. 2,383,689; Aug. 28.
Silver, Walter H., assignor to Deere & Company, Moline, Ill. Cultivator. 2,385,950; Oct. 2.
Silverberg, Isadore M., Chicago, Ill. Air deflector for electric fans. 2,371,360; Mar. 13.
Silverman, Anna C., Brooklyn, assignor of one-half to M. D. Silverman, New York, N. Y. Safety thread cutter for sewing machines. 2,372,609; Mar. 27.
Silverman, Daniel, assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Well measurement. 2,370,818; Mar. 6.
Silverman, Daniel, assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Transmitting system. 2,379,996; July 10.
Silverman, Daniel, assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Locating bottom of oil production. 2,384,648; Sept. 11.
Silverman, Daniel, assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Well logging. 2,389,241; Nov. 20.
Silverman, Eli E., Brooklyn, N. Y., M. Greene, Caldwell, and S. Greenspan, Newark, N. J. Combined protective enclosure and support for infants' feeding bottles. 2,389,390; Nov. 20.
Silverman, Milton D.: *See*—
Silverman, Anna C., assignor.
Silversparre, Gustav A., assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Steam locomotive. 2,387,950; Oct. 30.
Silvester, Austin G., Swampscott, Mass., assignor to General Electric Company. Aircraft supercharger control. 2,378,441; June 19.
Simison, Allen L.: *See*—
Slayter, G., and Simison.
Simjian, Luther G., Riverside, assignor to General Research, Inc., Stamford, Conn. Photographic apparatus. 2,386,276; Oct. 9.
Simkovitz, Sandor, Budapest, Hungary; vested in the Alien Property Custodian. Apparatus for the purification of liquids. 2,378,737; June 19.
Simmon, Alfred: *See*—
Weisglass, L. L., and Simmon.
Simmon, Alfred, Jackson Heights, and L. L. Weisglass, New York, N. Y.; said Weisglass assignor to said Simmon. Photographic shutter. 2,371,072; Mar. 6.
Simmon, Alfred, Jackson Heights, and L. L. Weisglass, New York, N. Y.; said Weisglass assignor to said Simmon. Camera. 2,386,575; Oct. 9.
Simmonds Aerocessories, Inc.: *See*—
Chambers, J. C., and Allen, assignors.
Overbeke, John W. assignor.
Parr, Bernard A., assignor.
Smith, Stanley J., assignor.
Simmonds Development Corporation Limited: *See*—
Clayson, Harry F., assignor.
Simmonds, Oliver E.: *See*—
Robertson, Edward R., assignor.
Simmonds, Oliver E., Ripley, England. Self-locking nut. 2,374,241; Apr. 24.
Simmons Company: *See*—
Woller, Edward E., assignor.
Simmons, Edward N., and D. F. Dwyer, Chicago, Ill.; said Dwyer assignor to said Simmons. Sewing machine. 2,374,043; Apr. 17.
Simmons, Frank L., Woonsocket, R. I. Permanent magnet holding device. 2,390,743; Dec. 11.
Simmons, Glen R., and H. A., Chicago, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Apparatus for testing coating materials. 2,373,200; Apr. 10.
Simmons, Howard A.: *See*—
Simmons, Glen R. and H. A.
Simmons, John W., Cleveland Heights, Ohio. Fastener. 2,370,375; Feb. 27.
Simmons, John W., Cleveland Heights, Ohio. Fastening means. 2,389,278; Nov. 20.
Simmons, John W., Cleveland Heights, Ohio. Resilient fastener. 2,391,650; Dec. 25.
Simmons, Leon E., Claremont, N. H., assignor to Sullivan Machinery Company. Cutter chain. 2,391,485; Dec. 25.
Simmons, Lovel R., Jackson, Miss. Hauling unit. 2,382,449; Aug. 14.
Simmons, Norwood L., Hollywood, Calif., assignor to Eastman Kodak Company, Rochester, N. Y. Latent image intensification with sulphur dioxide. 2,368,267; Jan. 30.
Simmons, Paul G., North Bergen, N. J. Nail polish drier. 2,389,822; Nov. 27.
Simmons, William A., Miller, Mo. Poultry fountain and feeder. 2,378,251; June 12.
Simms, Charles H.: *See*—
Breadner, R. L., Harris, and Simms.
Simon, Jake W., Topeka, Kans. Pipe thawing device. 2,382,612; Aug. 14.
Simon, John, Tramelan, Switzerland. Waterproof push button for timepieces. 2,391,803; Dec. 25.
Simon, Reuben, assignor to Briggs Manufacturing Company, Detroit, Mich. Aircraft construction. 2,375,951; May 15.
Simonds, Frank C., Moylan, Pa. Lifeboat davit. 2,366,812; Jan. 9.
Simonds, George D., assignor to The Four Wheel Drive Auto Company, Clintonville, Wis. Tandem drive axle. 2,381,624; Aug. 7.
Simonds, Warren J., assignor to Rodney Hunt Machine Company, Orange, Mass. Cloth string feed apparatus. 2,378,333; June 12.
Simonetti, Charles J., Brooklyn, N. Y. Sole compressor for shoes. 2,382,112; Aug. 14.
Simons, Glenn, Larrabee, Iowa. Convertible elevator for trucks. 2,381,780; Aug. 7.
Simons, John K., Toledo, Ohio, and W. I. Weaver, Pittsburgh, Pa., assignors, by mesne assignments, to Libbey-Owens-Ford Glass Company. Bluret derivatives. 2,378,110; June 12.
Simonsen, George N., Chicago, Ill. Gauge for pipe bending machines. 2,382,266; Aug. 14.
Simonson, Wilber S., Spokane, Wash. Construction method. 2,366,156; Jan. 2.
Simonton, Theodore E.: *See*—
Altobelli, Fulgenzio, assignor.
Simpkins, Carl R., Los Angeles, Calif., assignor to S. V. McConnell, Seattle, Wash. Wiener vending machine and process. 2,390,277; Dec. 4.
Simpkins, Isaac W., and E. R. Nelson, Charlotte, N. C. Vehicle brake mechanism. 2,369,259; Feb. 13.
Simplex Time Recorder Co.: *See*—
Dell, James A., assignor.
Dell, J. A., and Hobby, assignors.
Simplex Valve and Meter Company: *See*—
Borden, Moro M., assignor.
Simplicity Manufacturing Company: *See*—
Donald, Forrest V., assignor.
Simpson, Clarence E., Springfield, Mass. Firearm. 2,379,461; July 3.
Simpson, Clarence E., Springfield, Mass. Firing rate reducer. 2,384,854; Sept. 18.
Simpson, Clarence E., Springfield, Mass. Tripod. 2,388,296; Nov. 6.
Simpson, Cleveland, Winston-Salem, N. C. Film clip. 2,387,471; Oct. 23.
Simpson, Fielding B., Richmond, Ind., assignor of one-third to C. Plauche, Lake Alfred, Fla., and one-third to Harrington-Hoch, Incorporated, Richmond, Ind. Device for grinding the pistons and measuring chambers of water meters. 2,374,784; May 1.
Simpson, Henry A.: *See*—
Pecker, J. S., Simpson, and Kirshner.
Simpson, Herbert S.: *See*—
Brown, Davis, assignor.
Simpson, J. B., Inc.: *See*—
Latter, Barney, assignor.
Simpson, James, Linden, N. J., assignor to Standard Oil Development Company. Cleaning heat exchanger surfaces. 2,380,340; July 10.
Simpson, John K., assignor to Automotive Products Company Limited, Leamington Spa, England. Locking device for remote control and other force transmitting systems. 2,384,201; Sept. 4.
Simpson, John K., assignor to Automotive Products Company Limited, Leamington Spa, Warwick, England. Hydraulic vibration damper. 2,385,545; Sept. 25.

Simpson, John M., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Transmission control. 2,368,684; Feb. 6.
Simpson, R. A., Manufacturing Company, Inc.: *See*— Charlton, John M., assignor.
Simpson, Thomas P.: *See*— Nelson, T. W., Noll, and Simpson.
Simpson, Thomas P., J. W. Payne, and J. A. Crowley, Jr., Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Apparatus for catalytic conversion. 2,379,195; June 26.
Simpson, William D.: *See*— Trockle, F. E., McClellan, and Simpson.
Simpson, William E., South Ozone Park, N. Y., assignor to Radio Corporation of America. Relay control circuit. 2,387,536; Oct. 23.
Sims, John C., Jr., Philadelphia, Pa., assignor to The Baldwin Locomotive Works. Control for universal resonant type fatigue testing machines. 2,373,351; Apr. 10.
Sims, John J.: *See*— King, R. A., Word and Sims.
Sims, Redding: *See*— Rogers, J. C., and Sims.
Sims, Stuart: *See*— Faisler, M. J., and Sims.
Sinchuk, Awksenty J., Bridgeport, Conn. Device for protecting ships against torpedoes. 2,373,424; Apr. 10.
Sinclair, Alfred C., Houston, Tex. Pump. 2,372,523; Mar. 27.
Sinclair, Charles W., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Wheel. 2,366,938; Jan. 9.
Sinclair, Charles W., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Wheel. 2,384,649; Sept. 11.
Sinclair, Charles W., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Wheel. 2,391,200; Dec. 18.
Sinclair, Donald B., Concord, assignor to General Radio Company, Cambridge, Mass. Null-type meter and method. 2,376,394; May 22.
Sinclair, Harold, Kensington, London, W. 8, England. Reversing gearing. 2,375,952; May 15.
Sinclair Refining Company: *See*—
Apgar, Frank A., assignor.
Apgar, F. A., and Teter, assignors.
Bender, Richard O., assignor.
Finley, Willard L., assignor.
Herlocker, R. D., Kleinholz, and Watkins, assignors.
Herthel, Eugene C., assignor.
May, Robert L., assignor.
Mendius, William, assignor.
Teter, John W., assignor.
Teter, J. W., and Merwin, assignors.
Wayo, S. J., and Watkins, assignors.
Sinde, Alfred D. L., Aurora, Ill., assignor to Redler Conveyor Company, Quincy, Mass. Conveyer. 2,389,279; Nov. 20.
Sinden, Alfred D., Aurora, Ill., assignor to Redler Conveyor Company, Quincy, Mass. Conveyer. 2,366,569; Jan. 2.
Sinden, Alfred D., Aurora, Ill., assignor to Redler Conveyor Company, Quincy, Mass. Conveyer. 2,372,798; Apr. 3.
Sinden, Alfred D., Aurora, Ill., assignor to Redler Conveyor Company, Quincy, Mass. Conveyer. 2,375,697; May 8.
Sinden, Alfred D., Aurora, Ill., assignor to Redler Conveyor Company, Quincy, Mass. Conveyer. 2,375,698; May 8.
Sinden, Alfred D., Aurora, Ill., assignor to Redler Conveyor Company, Quincy, Mass. Conveyer. 2,375,699; May 8.
Sines, Harvey S., Montebello, assignor to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Precision squeezer yoke. 2,375,445; May 8.
Singer, Fred J.: *See*— Large, W. V. K., and Singer.
Singer, Grover C., Brownsville, Tex. Multiple filament lamp. 2,368,685; Feb. 6.
Singer, Grover C., Brownsville, Tex. Electric lamp. 2,374,709; May 1.
Singer, Henry, Honolulu, Hawaii. Door check. 2,376,285; May 15.
Singer, Henry, Honolulu, Hawaii. Amusement device. 2,382,513; Aug. 14.
Singer, Henry, Honolulu, Hawaii. Pen and pencil clasp. 2,384,703; Sept. 11.
Singer, Kurt, North Hollywood, Calif., assignor to Radio Corporation of America. Unbalance correcting amplifier system. 2,390,850; Dec. 11.
Singer Manufacturing Company, The: *See*—
Abel, George, assignor.
Ackerman, James E., assignor.
Ackerman, J. E., and Zeier, assignors.
Anderson, Thomas A., assignor.
Arnhym, Albert A., assignor.
Batting, John G. G., assignor.
Clayton, Andrew B., assignor.
Enos, John P., assignor.
Hale, Arthur N., assignor.
Karle, John D., assignor.
Kneissler, Walter, assignor.
McLucas, William, assignor.
Muecke, Edward, assignor.
Naul, James M., assignor.
Parry, Frank, assignor.
Singer Manufacturing Company, The: *See*—Continued
Schenk, Carl E., assignor.
Webb, Irving F., assignor.
Wesson, George W., assignor.
Zonis, Sydney, assignor.
Singer, Philip A., and H. J. Deobald, Peoria, Ill., assignors to Allied Mills, Inc. Solvent extraction of oil from seeds. 2,377,975; June 12.
Singer, Philip A., and H. J. Deobald, Peoria, Ill., assignors to Allied Mills, Inc. Continuous solvent extraction of oil from seeds. 2,377,976; June 12.
Singleton, Henry M., Goose Creek, Tex., assignor to Standard Oil Development Company. Production of diolefins. 2,382,749; Aug. 14.
Singleton, Henry M., Goose Creek, Tex., assignor to Standard Oil Development Company. Dehydrogenating hydrocarbon. 2,389,215; Nov. 20.
Singleton, Henry M., Goose Creek, and T. B. McCulloch, Baytown, Tex., assignors to Standard Oil Development Company. Production of diolefins and vinyl benzenes. 2,385,166; Sept. 18.
Singleton, John F., Van, Tex. Chemical feeding pump. 2,383,422; Aug. 21.
Singley, Lyle V., Bloomington, Ill. Ventilated shipping box. 2,375,700; May 8.
Sink, Russell S., Denver, Colo., assignor to Remington Arms Company, Inc., Bridgeport, Mass. Geometrical instrument. 2,383,348; Aug. 21.
Sinkovitz, Joseph, assignor to Miller Printing Machinery Co., Pittsburgh, Pa. Sheet handling apparatus. 2,372,229; Mar. 27.
Sinnett, Chester M., Westmont, N. J., assignor to Radio Corporation of America. Signal translating apparatus. 2,376,456; May 22.
Sinnett, Chester M., Westmont, and R. Snepvangers, Haddon Heights, N. J., assignors to Radio Corporation of America. Record reproducing system. 2,374,785; May 1.
Sinnett, Chester M., Westmont, and R. Snepvangers, Haddon Heights, N. J., assignors to Radio Corporation of America. Record reproducing system. 2,388,578; Nov. 6.
Sipe, Martin E., Denver, Colo. Piston skirt expander. 2,374,463; Apr. 24.
Sipe, William: *See*— Luger, William G., assignor.
Sipp-Eastwood Corporation: *See*— Kent, Frederick J., assignor.
Sippel, John J., Upper Darby, assignor to H. W. Butterworth & Sons Company, Philadelphia, Pa. Builder motion. 2,385,888; Oct. 2.
Sirecl, Gesualdo, Brooklyn, N. Y. Plumb bob. 2,381,698; Aug. 7.
Sirmay, Julius, assignor to Jacquard Knitting Machine Co., Inc., Philadelphia, Pa. Cloth take-up. 2,366,462; Jan. 2.
Sirp, Emil: *See*— MacPheat, A. M., Moon, and Sirp.
Sirp, Emil, Downers Grove, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Vacuum tube mode lock forming apparatus. 2,367,147; Jan. 9.
Sirp, Emil, Downers Grove, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Filament winding apparatus. 2,371,780; Mar. 20.
Sirp, Emil, Downers Grove, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Winding apparatus. 2,371,781; Mar. 20.
Sirp, Emil, Downers Grove, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Filament winding apparatus. 2,371,782; Mar. 20.
Sirp, Emil, Downers Grove, and J. S. Stull, Chicago, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Apparatus for forming metallic articles. 2,369,318; Feb. 13.
Sirp, Emil, Downers Grove, and J. S. Stull, Chicago, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Article working apparatus. 2,388,621; Nov. 6.
Sirvent, Philip B., Toronto, Ontario, Canada. Comparator gauge. 2,378,334; June 12.
Siska, John G.: *See*— Kreisler, L., and Siska.
Sisler, Charles O., Sault Ste Marie, Ontario, Canada. Continuous flow apparatus for testing pulp freeness. 2,379,835; July 3.
Sisson, Wayne A.: *See*— Kulp, M. P., Moorehead, Sisson, and Webb.
Sittig, Conrad, Santiago, Chile. Explosive projectile. 2,369,924; Feb. 20.
Sively, Milton A.: *See*— Obenshain, N., and Sively.
Sivertsen, Jens, assignor to Tinius Olsen Testing Machine Company, Philadelphia, Pa. Automatic electronic load holder. 2,373,788; Apr. 17.
Sivil, Cecil S., Roselle, assignor to Baker & Company, Inc., Newark, N. J. Resistance or fuse wire. 2,375,446; May 8.
Six, Walter J., Indianapolis, Ind. Piston expander. 2,383,893; Aug. 28.
Six Wheels, Inc.: *See*— Tarwater, L., and McKenzie, assignors.
Sjogren, Knut R., Los Angeles, Calif. Lapping block. 2,368,575; Jan. 30.

Sjogren, Walter O., Worcester, Mass. Tension device. 2,384,650; Sept. 11.
Skaggs, Glen A., Portsmouth, Va. Steam generator. 2,388,345; Nov. 6.
Skar, Adolph, Minneapolis, Minn. Vacuum release stopper. 2,385,647; Oct. 2.
Skavinsky, Anthony, Bronx, N. Y. Helicopter. 2,385,889; Oct. 2.
Skeel, John W., North Girard, Pa., assignor to The American Fork & Hoe Company, Cleveland, Ohio. Two-piece rail anchor. 2,371,413; Mar. 13.
Skehan, Joseph W.: *See*— Machlett, R. H., and Skehan.
Skehan, Joseph W., and G. J. Agule, Stamford, assignors to Machlett, Laboratories Incorporated, Springdale, Conn. Making bearings. 2,378,558; June 19.
Skell, Herbert C., Baldwin, N. Y., assignor to The Hinde & Dauch Paper Company, Sandusky, Ohio. Knockdown box. 2,389,580; Nov. 20.
Skellett, Albert M., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Selecting system. 2,375,044; May 1.
Skellett, Albert M., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron switching means and circuit. 2,376,395; May 22.
Skellett, Albert M., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron beam rotation synchronizing circut. 2,387,045; Oct. 16.
Skelly Oil Company: *See*— Edson, K. C., and Fisher, assignors.
Boyer, Leslie W., assignor.
Skelton, Charles E., Syracuse, N. Y. Milling head attachment for metalworking machines. 2,385,735; Sept. 25.
Skelton, William E.: *See*— Callaway, J. E., and Skelton.
Skelton, William R.: *See*— Trostler, F., Skelton, and Henschel.
Skillings, Ira W.: *See*— Ward, H. K., Skillings, and Brown.
Skinker, Murray F., Montclair, N. J., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Rectifier. 2,369,185; Feb. 13.
Skinker, Murray F., Montclair, assignor to Federal Telephone and Radio Corporation, Newark, N. J. Rectifier and making same. 2,383,993; Sept. 4.
Skinner, Charles W., assignor to Fashion Frocks, Inc., Cincinnati, Ohio. Measuring and marking cord lengths. 2,388,875; Nov. 13.
Skinner, George M., Buffalo, N. Y., assignor to The Linde Air Products Company. Blowpipe and nozzle therefor. 2,367,316; Jan. 16.
Skinner, Jennings B.: *See*— Burger, L. E., and Skinner.
Skinner, Ralph L.: *See*— Kasten, Walter, assignor.
Widmann, Willi, assignor.
Skinner Purifiers, Inc.: *See*— Kasten, Walter, assignor.
Skinner, Ralph L., Detroit, Mich. Intake air-filter cleaning system. 2,368,787; Feb. 6.
Skinner, Robert W.: *See*— Lindberg, Charles A., and Skinner.
Skinner, Roberts K.: *See*— Gay, Bert, and Skinner.
Skipper, Edward M., assignor to Locke Insulator Corporation, Baltimore, Md. Apparatus for separating galvanized articles. 2,366,879; Jan. 9.
Sklar, Alfred L., Washington, D. C. Wax production. 2,375,142; May 1.
Sklovsky, Max, Moline, and W. H. Nordenson, Rock Island, assignors to Deere & Company, Moline, Ill. Foot control pedals. 2,383,690; Aug. 28.
Skog, Henry A.: *See*— Ewald, R. L., and Skog.
Skogh, Clifford W., Cary, assignor to Magill-Weinsheimer Company, Chicago, Ill. Display device. 2,379,598; July 3.
Skolnik, Max, Chicago, Ill. Tank. 2,373,270; Apr. 10.
Skoog, Joseph E., Cranston, R. I. Safety attachment for presses. 2,383,221; Aug. 21.
Skoog, Per F., Olympia, Wash. Clutch mechanism. 2,368,892; Feb. 6.
Skoog, Per F., Olympia, Wash. Loading mechanism. 2,376,457; May 22.
Skoog, Robert W.: *See*— Hanson, H., and Skoog.
Hanson, H., Skoog, and Grisso.
Skowron, Edmund A., Pittsburgh, and W. H. Woodings, Oakmont, Pa. Forging press. 2,382,339; Aug. 14.
Skriba, Rudolph A., Chicago, Ill., and E. R. Miller, and F. M. Littell, Detroit, Mich., assignors to F. J. Littell Machine Company, Chicago, Ill. Power-driven dial feed. 2,374,464; Apr. 24.
Skulley, John V., Chicago, Ill. Meter and scale therefor. 2,384,350; Sept. 4.
Slack, Fred A., Jr., Penn Valley, Pa. Fluorescent artificial teeth. 2,377,382; June 5.
Slack, Frederic W., and M. L. Carpentier, Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Power driving unit. 2,378,589; June 19.
Slad, Harry A., assignor of fifty per cent to L. C. Slad, West Chester, Ill. Tweezers. 2,381,084; Aug. 7.
Slad, Lillian C.: *See*— Slad, Harry A., assignor.
Slade, Walter C.: *See*— Chatterton, R. M., and Slade.
Slagh, Harold R.: *See*— Britton, E. C., and Slagh.
Slagh, Harold R., Midland, Mich., assignor to The Dow Chemical Company. Ammonolysis of aryl halides. 2,391,848; Dec. 25.
Slagle, Elza A., Cleveland, Ohio. Clock hand remover. 2,391,521; Dec. 25.
Slagle, George H., Temple, assignor, by mesne assignments, to Berks County Trust Company, Reading, Pa. Forming extended lengths of metal wire. 2,384,351; Sept. 4.
Slain, Elizabeth, executrix: *See*— Slain, John M.
Slain, John M., deceased; E. Slain, executrix, assignor to T. Brogan, Providence, R. I. Locket latch. 2,377,816; June 5.
Slamar, Frank: *See*— Immel, R. B., and Slamar.
Slansky, Cyril M., assignor to The Dow Chemical Company, Midland, Mich. Electrolytic production of magnesium. 2,382,450; Aug. 14.
Slate, Arthur R.: *See*— Koplin, H., Slate, and Haunost.
Slater, Charles A., A. D. Carpenter, and E. R. Shaw, Los Angeles, Calif. Hanger. 2,387,951; Oct. 30.
Slater, Charles E., Jr.: *See*— Birk, P. M., and Slater.
Slater, Fred M., Phillipsburg, N. J., assignor to Ingersoll-Rand Company, New York, N. Y. Controlling device. 2,378,802; June 19.
Slater, Fred M., Phillipsburg, N. J., assignor to Ingersoll-Rand Company, New York, N. Y. Mounting for rock drills. 2,389,558; Nov. 20.
Slater, Raymond E., New Rochelle, N. Y., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Tube drawing apparatus. 2,369,260; Feb. 13.
Slater, Raymond E., New Rochelle, N. Y., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Metal drawing. 2,373,606; Apr. 10.
Slaughter, Charles E., New Canaan, assignor to Extruded Plastics, Inc., Norwalk, Conn. Extruded plastic section. 2,375,827; May 15.
Slaughter, Charles E., New Canaan, assignor to Extruded Plastics, Inc., Norwalk, Conn. Extruded thermoplastic tubing. 2,377,908; June 12.
Slaughter, Charles E., New Canaan, assignor to Extruded Plastics, Inc., Norwalk, Conn. Fabrication of tubing. 2,383,520; Aug. 28.
Slaughter, Charles E., New Canaan, assignor to Extruded Plastics, Inc., Norwalk, Conn. Composite articles including extruded sections. 2,388,297; Nov. 6.
Slauson, Harold W., Scarsdale, N. Y. Navigational instrument. 2,371,714; Mar. 20.
Slavens, James G., Cornelius, Oreg. Guy line shackle. 2,373,980; Apr. 17.
Slayter, Games, Newark, Ohio, assignor to Owens-Corning Fiberglas Corporation. Apparatus for melting glass. 2,383,168; Aug. 21.
Slayter, Games, and H. Snow, Newark, assignors to Owens-Corning Fiberglas Corporation, Toledo, Ohio. Apparatus for making glass film. 2,386,511; Oct. 9.
Slayter, Games, and A. L. Simison, Newark, Ohio. Insulated electrical conductor. 2,390,039; Nov. 27.
Sleeper, George E., Jr., Berkeley, Calif. Television system. 2,389,645; Nov. 27.
Sleeper, George E., Jr., Berkeley, Calif. Television system. 2,389,646; Nov. 27.
Sleicher, Charles A., assignor to New England Butt Company, Providence, R. I. Grate-supporting structure. 2,381,781; Aug. 7.
Slepian, Arthur, Trumbull, assignor, by mesne assignments, to The Wheeler Insulated Wire Company, Incorporated, Bridgeport, Conn. Fluorescent tube circuit. 2,386,914; Oct. 16.
Slepian, Joseph, Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Energy converting apparatus. 2,389,391; Nov. 20.
Slepian, Joseph, Pittsburgh, and W. E. Berkey, Forest Hills, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric discharge device. 2,370,082; Feb. 20.
Slettengren, Anders I. K., Gothenburg, assignor to Fabriksaktiebolaget Haldataxametern, Halmstad, Sweden. Toolholder for plate shearing machines. 2,374,625; Apr. 24.
Sletzinger, Meyer: *See*— van de Kamp, J., and Sletzinger.
Sletzinger, Meyer, Bronx, N. Y., and G. C. Paulsen, Jr., Harrisonburg, Va., assignors to Merck & Co., Inc., Rahway, N. J. Production of tropic acid. 2,390,278; Dec. 4.
Slevin, Julian B., Jr., Drexel Hill, Pa. Carrier for containers. 2,367,066; Jan. 9.
Slezak, John, assignor to Turner Brass Works, Sycamore, Ill. Pipe connection. 2,385,425; Sept. 25.
Slicer, Edward W., Colora, Md. Windshield. 2,383,169; Aug. 21.
Slick, Edwin E., Pittsburgh, Pa. Glassware working apparatus. 2,383,349; Aug. 21.

Slick, Fred S.: *See*—
Cox, H. G., and Slick.
Sliszewski, Ernest J., Eagle River, assignor to J. D. Galligan, Rhinelander, Wis. Oarlock. 2,377,724; June 5.
Sloan, Arthur W., Stow, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Antioxidant. 2,379,936; July 10.
Sloan, Clifford K.: *See*—
Patterson, G. D., and Sloan.
Sloan, Edward C.: *See*—
Seiferth, O. E., and Sloan.
Sloan, Edward C., Geneva, assignor to Oscar Mayer & Co., Inc., Chicago, Ill. Banding machine. 2,379,937; July 10.
Sloan, James P., assignor to Houston Laboratories, Houston, Tex. Evaluating the content of gas reservoirs. 2,380,081; July 10.
Sloan, James P., assignor to Houston Laboratories, Houston, Tex. Apparatus for use in evaluating gas reservoirs. 2,380,082; July 10.
Sloan, Theodore H., Charlerol, assignor to G. M. S. Corporation, Pittsburgh, Pa. Glass forming machine. 2,384,498; Sept. 11.
Sloan Valve Company: *See*—
Nelson, Ralph M., assignor.
Nelson, R. M., and Bellamy, assignors.
Sloane-Blabon: *See*—
Kemmler, James W., assignor.
Kemmler, J. W., and Erb, assignors.
Sloane, William W., assignor to Goodman Manufacturing Company, Chicago, Ill. Kerf-cutting machine. 2,375,046; May 1.
Sloane, William W., assignor to Goodman Manufacturing Company, Chicago, Ill. Fluid-operated control system. 2,383,894; Aug. 28.
Slocumb, F. F., Corporation: *See*—
Ladner, Lawrence A., assignor.
Slomim, Chaim, London, England. Manufacture of composite chromium oxide pigments. 2,369,261; Feb. 13.
Slonneger, John C., Dallas, Tex. Sighting and control apparatus for military devices. 2,369,806; Feb. 20.
Sloper, Joseph W., Crystal Lake, Ill. Planchette. 2,381,933; Aug. 14.
Slosberg, Harry M., Ames, Iowa, assignor to Continental Can Company, Inc., New York, N. Y. Testing filled sealed cans for leaks. 2,391,354; Dec. 18.
Slotter, Richard L.: *See*—
Langford, C. T., and Slotter.
Slovak, Andrew, Rockford, Ill. Feed control for automatic screw machines. 2,377,383; June 5.
Slovak, Andrew, Rockford, Ill. Feed control for automatic screw machines. 2,377,384; June 5.
Slusser, Charles J., Columbus, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Determining defects in aluminum and aluminum alloy articles. 2,391,522; Dec. 25.
Slusser McLean Scraper Company: *See*—
Brodersen, Max M., assignor.
Small, Anna M., executrix: *See*—
Small, Thomas W.
Small, David S., Philadelphia, Pa. Radio tube tongs. 2,386,361; Oct. 9.
Small, Thomas W.; A. M. Small, executrix of said T. W. Small, deceased, assignor, by mesne assignments, to Farnsworth Television & Radio Corporation, Fort Wayne, Ind. Record changing mechanism for phonographs. 2,371,361; Mar. 13.
Small, Thomas W.; A. M. Small, executrix of said T. W. Small, deceased, assignor, by mesne assignments, to Farnsworth Television & Radio Corporation, Fort Wayne, Ind. Record changing mechanism for phonographs. 2,371,362; Mar. 13.
Smaller War Plants Corporation: *See*—
Ebert, Joseph F., assignor.
Horman, John H., assignor.
Gwyn, Childress B., Jr., assignor.
Smalley, Oliver, New Rochelle, N. Y., and H. A. Reece, Cleveland Heights, Ohio. Producing cast iron castings. 2,371,654; Mar. 20.
Smalley, William, London, W. C. 2, assignor to The Paterson Engineering Company Limited, London, England. Filtering apparatus. 2,384,972; Sept. 18.
Smallpeice, Cosby D. P., Southampton, England. Gland. 2,376,017; May 15.
Smallpeice, Cosby D. P., Swanwick Shore, near South Hampton, England. Lifting mechanism. 2,384,774; Sept. 11.
Smart, Clarence F., Pontiac, assignor to General Motors Corporation, Detroit, Mich. Making bearings. 2,373,352; Apr. 10.
Smart, James, Stockwell, London, S. W. 9, England. Device for securing stair carpet and analogous uses. 2,390,851; Dec. 11.
Smart, John S., Jr., Scotch Plains, and A. A. Smith, Jr., Metuchen, N. J., assignors to American Smelting and Refining Company, New York, N. Y. Continuous casting. 2,367,148; Jan. 9.
Smart, Ralph F., St. Louis, Mo., assignor to Meade Hyndman, Highland, Ill. Foldable cardboard box. 2,388,190; Oct. 30.
Smart, Wilfred A.: *See*—
Stanley, H. M., and Smart.
Smart, William A.: *See*—
Bennion, L. H., and Smart.
Smathers, James F., Rochester, assignor to International Business Machines Corporation, New York, N. Y. Typewriting machine. 2,385,035; Sept. 18.
Smathers, James F., Rochester, assignor to International Business Machines Corporation, New York, N. Y. Typewriting machine. 2,385,036; Sept. 18.
Smedberg, Sam, et al.: *See*—
Nelson, Noble A., assignor.
Smedslund, Tor, Helsingfors, Finland, assignor to Johan Bjorksten, Chicago, Ill. Resinous substances and preparation. 2,366,813; Jan. 9.
Smellie, Robert H.: *See*—
Krieble, V. K., and Smellie.
Smeltzer, Christian L. R.: *See*—
Gwinn, Joseph M., and Smeltzer.
Smetana, Otto F., Concord, N. C. Producing stocking welt construction. 2,383,350; Aug. 21.
Smidl, John M.: *See*—
Blomberg, M. P., and Smidl.
Smidth, Leonard, New York, N. Y. Treating fibrous materials and products so produced. 2,376,200; May 15.
Smith, A. O., Corporation: *See*—
Buehner, Howard A., assignor.
Carstens, Fritz A., assignor.
Cota, Alvin F., assignor.
Crawford, William E., assignor.
Heath, William C., assignor.
Jasper, Thomas M., assignor.
Koppel, Ernst R., assignor.
Martin, Wesley G., assignor.
Needham, Howard H., assignor.
Richter, Walther, assignor.
Sherman, Donald W., assignor.
Westin, Sven, assignor.
Westin, Sven and A., assignors.
Smith, Albert A., Jr.: *See*—
Smart, J. S., Jr., and Smith.
Smith, Albert A., Jr., Metuchen, N. J., assignor to American Smelting and Refining Company, New York, N. Y. Wiping solder alloys. 2,372,745; Apr. 3.
Smith, Albert F., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of improved molded polyamide articles. 2,372,630; Mar. 27.
Smith, Albert F., and H. B. Stevenson, Brandywine Hundred, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Dry spinning process. 2,390,132; Dec. 4.
Smith, Alexander, Macon, Ga. Hoist attachment. 2,368,947; Feb. 6.
Smith, Alexander, & Sons Carpet Company: *See*—
Linscott, Leroy N., assignor.
Milnarik, W., and Bradshaw, assignors.
Smith, Alfred, et al.: *See*—
Ormerod, George A., assignor.
Smith, Alfred, Burnaby, assignor to J. H. Bluechel, British Columbia, Canada. Building structure. 2,373,789; Apr. 17.
Smith, Algy J., assignor to Hartford-Empire Company, Hartford, Conn. Article forming apparatus. 2,388,876; Nov. 13.
Smith, Allan K.: *See*—
Brother, G. H., and Smith.
Smith, Allan K., H. J. Max, and D. H. Wheeler, Urbana, Ill., assignors to Claude R. Wickard, as Secretary of Agriculture of United States of America, and his successors in office. Protein product and making same. 2,370,266; Feb. 27.
Smith, Alonzo L., Houston, Tex. Electrical logging of well bores. 2,371,270; Mar. 13.
Smith, Alva T., assignor to The Sunlite Mfg. Company, Milwaukee, Wis. Pressing cloth. 2,389,216; Nov. 20.
Smith, Anthony N., and D. V. Godfrey, Girard, Pa., assignors to Louis Marx & Company, Inc., New York, N. Y. Toy projectile-shooting gun. 2,382,514; Aug. 14.
Smith, Arthur E.: *See*—
Parkins, W. A., Cole, and Smith.
Smith, Arthur E., Los Angeles, Calif. Ampoule. 2,368,431; Jan. 30.
Smith, Arthur E., Los Angeles, Calif. Front loading syringe. 2,368,432; Jan. 30.
Smith, Arthur E., Los Angeles, Calif. Ampule. 2,377,274; May 29.
Smith, Arthur E., Los Angeles, Calif. Syringe device. 2,380,556; July 31.
Smith, Arthur E. W., Norton-on-Tees, England, assignor to Imperial Chemical Industries Limited. Manufacture of organic nitrogen compounds. 2,384,047; Sept. 4.
Smith, Arthur E. W., Norton-on-Tees, England, assignor to Imperial Chemical Industries Limited. Production of derivatives of nitroethylene. 2,385,037; Sept. 18.
Smith, Arthur E. W., and C. W. Scaife, Norton-on-Tees, England, assignors to Imperial Chemical Industries Limited. Manufacture of organic nitrogen compounds. 2,384,048; Sept. 4.
Smith, Arthur E. W., C. W. Scaife and R. H. Stanley, Norton-on-Tees, England, assignors to Imperial Chemical Industries Limited. Production of polynitroethylene. 2,384,049; Sept. 4.

Smith, Arthur E. W., C. W. Scaife, and R. H. Stanley, Norton-on-Tees, England, assignors to Imperial Chemical Industries Limited. Preparation of α-nitro-isobutene. 2,384,050; Sept. 4.
Smith, Arthur E. W., R. H. Stanley, and C. W. Scaife, Norton-on-Tees, England, assignors to Imperial Chemical Industries Limited. Production of nitroethylene. 2,385,111; Sept. 18.
Smith, Arthur G., Elyria, Ohio. Cleaning device. 2,388,016; Oct. 30.
Smith, Arthur M., et al., trustee: *See*—
Bunting, Albert L., assignor.
Smith, Arthur R., Schenectady, N. Y., assignor to General Electric Company. Surface type heat exchanger. 2,375,702; May 8.
Smith, Benjamin A., Rocky River, assignor to The C. O. Bartlett & Snow Company, Cleveland, Ohio. Reclaiming molding and core sand. 2,384,573; Sept. 11.
Smith, Benjamin D., Utica, N. Y. Teat dilator. 2,368,576; Jan. 30.
Smith, Benjamin H., Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Measuring instrument. 2,367,968; Jan. 23.
Smith, Benjamin H., Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical measuring device. 2,372,127; Mar. 20.
Smith, Bernard, Leeds, England. Exhaust silencer for internal-combustion engines. 2,367,473; Jan. 16.
Smith, Boyd H.: *See*—
La Clair, T. G., Harrington, and Smith.
Smith, Brook, L., and J. E. Donahue, Elizabeth, N. J., assignors to Standard Oil Development Company. Treating hydrocarbon fluids. 2,373,059; Apr. 3.
Smith, Bruce M., Haverhill, Mass., assignor to Western Electric Company, Incorporated, New York, N. Y. Material handling apparatus. 2,372,025; Mar. 20.
Smith, Burgess W., assignor to The Todd Company, Inc., Rochester, N. Y. Safety paper and ink therefor. 2,380,195; July 10.
Smith, C. Archer, et al.: *See*—
Howard, William C., Jr., assignor.
Smith, Carl F., West Alexandria, Ohio. Acetylene generator with vibrating feed valve. 2,367,240; Jan. 16.
Smith, Carlisle F., assignor to American-La France-Foamite Corporation, Elmira, N. Y. Flask operating head. 2,372,454; Mar. 27.
Smith, Charles C., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Winding material. 2,372,400; Mar. 27.
Smith, Charles C., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Treating strand materials. 2,386,145; Oct. 2.
Smith, Charles C., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Control apparatus. 2,387,810; Oct. 30.
Smith, Charles G., Medford, assignor to Raytheon Manufacturing Company, Newton, Mass. Extinguishing an arc spot. 2,373,147; Apr. 10.
Smith, Charles G., Medford, assignor to Raytheon Manufacturing Company, Newton, Mass. Fluorescent lamp. 2,386,277; Oct. 9.
Smith, Charles G., Wilkinsburg, assignor to The American Brake Company, Swissvale, Pa. Brake head balancing device. 2,377,817; June 5.
Smith, Charles R., Chicago, Ill. Power hoist. 2,379,599; July 3.
Smith, Charles V.: *See*—
Graham, A. K., Smith, and Williams.
Smith, Charles V., assignor to The Univis Lens Company, Dayton, Ohio. Automatic press system for forming resinous disks. 2,373,201; Apr. 10.
Smith, Charles V., assignor to The Univis Lens Company, Dayton, Ohio. Pressure control valve. 2,384,202; Sept. 4.
Smith, Chesley A., assignor to E. Bauer, Seattle, Wash. Fiber handling mechanism. 2,372,343; Mar. 27.
Smith, Chester W., Lynn, Mass., assignor to General Electric Company. Gas turbine arrangement. 2,370,094; Mar. 6.
Smith, Chester W., Lynn, Mass., assignor to General Electric Company. Aircraft supercharging arrangement. 2,391,486; Dec. 25.
Smith, Clarence C., assignor to Union Special Machine Company, Chicago, Ill. Sewing machine. 2,391,519; Dec. 25.
Smith, Clarence J.: *See*—
Pratt, B., and Smith.
Smith, Clifton B.: *See*—
Lyle, M. H., and Smith.
Smith, Clyde, Hopkinsville, Ky. Signal system. 2,384,352; Sept. 4.
Smith, Clyde, Hopkinsville, Ky. Parimutuel system. 2,389,823; Nov. 27.
Smith, Clyde E., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electronic timing system for sorting apparatus. 2,387,592; Oct. 30.
Smith, Clyde E., Warren, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electronic timing control. 2,372,128; Mar. 20.
Smith, Clyde E., Warren, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electronic timing control. 2,372,129; Mar. 20.
Smith, Clyde E., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electronic control system. 2,374,044; Apr. 17.
Smith, Clyde E., Warren, Ohio, and C. B. Stadum, Wilkinsburg, assignors to Westinghouse Electric Corporation, Pittsburgh, Pa. Capacitor charging and discharging control. 2,385,736; Sept. 25.
Smith, D. Montgomery, Portland, Oreg. Weed puller. 2,385,167; Sept. 18.
Smith, Dallas M., Kirkwood, assignor to McQuay-Norris Manufacturing Company, St. Louis, Mo. Piston expander. 2,381,699; Aug. 7.
Smith, Dallas M., Kirkwood, assignor to McQuay-Norris Manufacturing Company, St. Louis, Mo. Piston packing. 2,383,825; Aug. 28.
Smith, David B., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Method and apparatus for reducing echo effects in picture transmission systems. 2,369,614; Feb. 13.
Smith, Donald L. J., Long Beach, Calif. Carburetor. 2,368,430; Jan. 30.
Smith, Drum and Company: *See*—
Drum, H. S., and Hopkins, assignors.
Smith, Edward P., assignor to The Ohio Brass Company, Mansfield, Ohio. Conveyer system and control therefor. 2,372,130; Mar. 20.
Smith, Edward P., assignor to The Ohio Brass Company, Mansfield, Ohio. Conveyer control. 2,372,131; Mar. 20.
Smith, Elizabeth E., Walpole, Mass. Doll. 2,372,799; Apr. 3.
Smith, Elizabeth E. and W. O., Pittsburgh, Pa. Dental compact. 2,379,600; July 3.
Smith, Elizabeth E. and W. O., Pittsburgh, Pa. Dental compact. 2,391,651; Dec. 25.
Smith, Elmer H., Minneapolis, Minn. Closure for pressure vessels. 2,387,360; Oct. 23.
Smith, Elmer L., Glen Rock, N. J. Helicopter. 2,375,592; May 8.
Smith, Elmer L., Longmeadow, and C. Wetsel, assignors to Package Machinery Company, Springfield, Mass. Link belt cartridge loader. 2,372,399; Mar. 27.
Smith, Elmer L., Longmeadow, and C. Wetsel, assignors to Package Machinery Company, Springfield, Mass. Cartridge loader. 2,384,140; Sept. 4.
Smith, Engineering Works: *See*—
Munro, Alexander L., assignor.
Smith, Everet F., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Continuous process for the preparation of acetylenic alcohols. 2,385,546; Sept. 25.
Smith, Everet F., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Preparation of acetylenic alcohols. 2,385,547; Sept. 25.
Smith, Everet F., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Preparation of acetylenic alcohols. 2,385,548; Sept. 25.
Smith, Floyd, assignor to Pioneer Parachute Company, Inc., Manchester, Conn. Dual release mechanism. 2,384,651; Sept. 11.
Smith, Frank, Huddersfield, England. Liquid delivery apparatus. 2,388,093; Oct. 30.
Smith, Frank B.: *See*—
Coleman, G. H., and Smith.
Smith, Frank B., assignor to The Dow Chemical Company, Midland, Mich. Vinylidene chloride compositions. 2,384,973; Sept. 18.
Smith, Frank B., and J. N. Hansen, assignors to The Dow Chemical Company, Midland, Mich. Parasiticides. 2,367,534; Jan. 16.
Smith, Frank B., and J. N. Hansen, assignors to The Dow Chemical Company, Midland, Mich. Amine salts of dinitrophenols. 2,385,848; Oct. 2.
Smith, Frank E., Niagara Falls, N. Y. Generating power. 2,374,710; May 1.
Smith, Frank M., Dearborn, Mich., assignor, by mesne assignments, to Consolidated Aircraft Corporation, San Diego, Calif. Method of assembling airplane fuselages and the like. 2,370,083; Feb. 20.
Smith, Frank R., Los Angeles, Calif. Electrode holder. 2,389,559; Nov. 20.
Smith, Franklin B., South Dartmouth, Mass. Hose coupling. 2,366,814; Jan. 9.
Smith, G. Tucker, et al.: *See*—
Phillips, John X., assignor.
Smith, George E. P., Jr., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Accelerator for vulcanization of rubber. 2,367,827; Jan. 23.
Smith, George E. P., Jr., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Vulcanization of rubber. 2,381,397; Aug. 7.
Smith, George E. P., Jr., and E. L. Carr, Akron, Ohio, assignors to The Firestone Tire & Rubber Company. Vulcanization accelerator. 2,381,392; Aug. 7.
Smith, George K., Butler, Pa.; E. S. Shoemaker, executrix of said G. K. Smith, deceased. Starter for internal-combustion engines. 2,373,507; Apr. 10.
Smith, George P., Snyder, and F. C. Gressel, Ilion, assignors to Remington Rand Inc., Buffalo, N. Y. Accounting machine. 2,387,861; Oct. 30.

Smith, George R., Richmond Heights, assignor to Wm. Wardack Electric Manufacturing Company, St. Louis, Mo. Panel or switch box. 2,377,725; June 5.

Smith, George V., Millburn, N. J., assignor to United States Steel Corporation. Treating inherently aging chromium-nickel stainless steel. 2,374,388; Apr. 24.

Smith, George W., Kelseyville, Calif. Saw guard. 2,372,687; Apr. 3.

Smith, George W., Dayton, Ohio. Composition for use in welding. 2,377,048; May 29.

Smith, Gobin: *See*—
Kendig, John R., assignor.

Smith, Goble D., Dallas, Tex. Window. 2,390,394; Dec. 4.

Smith, Graydon, Concord, assignor to Reed-Prentice Corporation, Worcester, Mass. Apparatus for heating materials for molding. 2,370,883; Mar. 6.

Smith, Graydon, Concord, assignor to Electricooker, Inc., Newburyport, Mass. Dispensing apparatus. 2,382,369; Aug. 14.

Smith, Graydon, Concord, assignor to National Company, Inc., Malden, Mass. Phonograph pickup. 2,383,994; Sept. 4.

Smith, Graydon, Concord, assignor to Electricooker, Inc., Newburyport, Mass. Electric cooking apparatus. 2,386,009; Oct. 2.

Smith, H. C., Oil Tool Co.: *See*—
Phipps, John T., assignor.

Smith, H. P., Paper Company: *See*—
Coffey, Elmer W., assignor.

Smith, Hannah M., et al.: *See*—
Keen, T. A., and Kilburg, assignors.

Smith, Harold C., and R. C. Johnsen, West Orange, N. J. Metal cutting tool. 2,371,715; Mar. 20.

Smith, Harold G., Chicago, assignor to The Buda Company, Harvey, Ill. Internal-combustion engine. 2,390,279; Dec. 4.

Smith, Harold W., and D. D. Paxton, assignors to American Liquid Gas Corporation, Los Angeles, Calif. Charge forming device. 2,385,112; Sept. 18.

Smith, Harold W., and D. D. Paxton, Los Angeles, Calif. Producing fuel carburetion. 2,387,862; Oct. 30.

Smith, Harry E., Little Silver, N. J., assignor to Celanese Corporation of America. Screen. 2,379,499; July 3.

Smith, Harry J., and P. W. Zingaro, New York, N. Y. Position determining means. 2,366,939; Jan. 9.

Smith, Harry R., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Front rod for railway switches. 2,377,818; June 5.

Smith, Harry T., Flint, Mich. Door latch and lock. 2,387,187; Oct. 16.

Smith, Herman A., Holden, assignor to Rice Barton Corporation, Worcester, Mass. Printing roll inking device. 2,377,110; May 29.

Smith, Herschel G., Wallingford, assignor to Gulf Oil Corporation, Pittsburgh, Pa. Grease manufacturing apparatus. 2,367,149; Jan. 9.

Smith, Herschel G., Wallingford, assignor to Gulf Oil Corporation, Pittsburgh, Pa. Gear lubricants. 2,377,654; June 5.

Smith, Herschel G., Wallingford, assignor to Gulf Oil Corporation, Pittsburgh, Pa. Apparatus for testing the foaming characteristics of liquids. 2,380,679; July 31.

Smith, Herschel G., Wallingford, assignor to Gulf Oil Corporation, Pittsburgh, Pa. Block grease testing apparatus. 2,385,656; Sept. 25.

Smith, Herschel G., Wallingford, and T. L. Cantrell, Lansdowne, assignors to Gulf Oil Corporation, Pittsburgh, Pa. Lubricant compositions. 2,371,655; Mar. 20.

Smith, Herschel G., Wallingford, and T. L. Cantrell, Lansdowne, assignors to Gulf Oil Corporation, Pittsburgh, Pa. Lubricant compositions. 2,371,656; Mar. 20.

Smith, Herschel G., Wallingford, and T. L. Cantrell, Lansdowne, assignors to Gulf Oil Corporation, Pittsburgh, Pa. Lubricating oil compositions and making the same. 2,371,851; Mar. 20.

Smith, Herschel G., Wallingford, and T. L. Cantrell, Lansdowne, assignors to Gulf Oil Corporation, Pittsburgh, Pa. Lubricant compositions and making the same. 2,371,852; Mar. 20.

Smith, Herschel G., Wallingford, and T. L. Cantrell, Lansdowne, assignors to Gulf Oil Corporation, Pittsburgh, Pa. Mineral oil composition. 2,371,853; Mar. 20.

Smith, Herschel G., Wallingford, and T. L. Cantrell, Lansdowne, assignors to Gulf Oil Corporation, Pittsburgh, Pa. Mineral oil composition. 2,371,854; Mar. 20.

Smith, Herschel G., Wallingford, T. L. Cantrell, Lansdowne, Pa., and J. G. Peters, Audubon, N. J., assignors to Gulf Oil Corporation, Pittsburgh, Pa. Mineral oil composition. 2,378,442; June 19.

Smith, Herschel G., Wallingford, T. L. Cantrell, Lansdowne, Pa., and J. G. Peters, Audubon, N. J., assignors to Gulf Oil Corporation, Pittsburgh, Pa. Mineral oil composition. 2,378,443; June 19.

Smith, Herschel G., Wallingford, and T. L. Cantrell, Lansdowne, assignors to Gulf Oil Corporation, Pittsburgh, Pa. Agents for lubricating oils and making the same. 2,380,878; July 31.

Smith, Herschel G., Wallingford, and T. L. Cantrell, Lansdowne, assignors to Gulf Oil Corporation, Pittsburgh, Pa. Fatty amine salts of alkyl phosphoric acids. 2,387,537; Oct. 23.

Smith, Herschel G., Wallingford, and T. L. Cantrell, Lansdowne, assignors to Gulf Oil Corporation, Pittsburgh, Pa. Di-cyclohexyl amine salt of alkyl phosphoric acid. 2,387,538; Oct. 23.

Smith, Hinsdale, Jr., Suffield, Conn. Photographic processing apparatus. 2,371,073; Mar. 6.

Smith, Hiram P.: *See*—
Johnson, A. E. W., Orelind, and Smith.

Smith, Hiram P., Canton, Ill., assignor to International Harvester Company. Agricultural implement. 2,369,759; Feb. 20.

Smith, Hiram P., Canton, Ill., assignor to International Harvester Company. Planter. 2,376,559; May 22.

Smith, Hiram P., and F. T. Blaydes, Canton, Ill., assignors to International Harvester Company. Agricultural implement. 2,368,168; Jan. 30.

Smith, Holiday H., et al.: *See*—
Franklin, Ernest M., assignor.

Smith, Howard H., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Stepping mechanism. 2,377,583; June 5.

Smith, Howard V., and M. C., Tucson, Ariz. Water treatment. 2,380,800; July 31.

Smith, Hugh C., Chicago, Ill. Body handling device. 2,376,560; May 22.

Smith, Hugh C., Chicago, Ill. Street indicating device for vehicles. 2,391,355; Dec. 18.

Smith, Hurley, assignor to Erie Electric Company, Inc., Buffalo, N. Y. Rotary electric switch. 2,384,652; Sept. 11.

Smith, Jacob A., assignor of one-half to C. A. Benjamin, Chicago, Ill. Punch mounting. 2,380,123; July 10.

Smith, James E., Jackson Heights, N. Y., assignor to Radio Corporation of America. Phase inverter circuit. 2,383,351; Aug. 21.

Smith, Jeff D., Decatur, Ga. Valve lifter. 2,374,508; Apr. 24.

Smith, Jesse C., Merrick, N. Y., assignor to MacGregor Instrument Company, Needham, Mass. Apparatus for presizing glass tubing. 2,368,169; Jan. 30.

Smith, Jesse C., Merrick, N. Y., assignor to MacGregor Instrument Company, Needham, Mass. Machine for fabricating glass. 2,368,170; Jan. 30.

Smith, Joe F., Memphis, Tenn. Adjustable window guard. 2,391,201; Dec. 18.

Smith, John A., Arlington, Mass., assignor to The B. F. Goodrich Company, New York, N. Y. Storage battery construction. 2,367,807; Jan. 23.

Smith, John B., Wood River Township, Madison County, assignor to Western Cartridge Company, East Alton, Ill. Blasting cap package. 2,371,271; Mar. 13.

Smith, John E., Springfield, Pa., assignor to The Baldwin Locomotive Works. Railway brake equipment. 2,373,425; Apr. 10.

Smith, John F., Quincy, Mass., assignor to Shoe Press Corporation, Philadelphia, Pa. Roughing wheel. 2,368,577; Jan. 30.

Smith, John F., Quincy, assignor to Compo Shoe Machinery Corporation, Boston, Mass. Shoe and making same. 2,375,390; May 8.

Smith, John F. D., Swampscott, Mass., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Vehicle heating system. 2,382,340; Aug. 14.

Smith, John H., Kew Gardens, assignor to William L. Marshall Limited, New York. Manufacturing tubular material. 2,379,258; June 26.

Smith, John P., Reidsville, N. C. Motor actuated eraser. 2,390,226; Dec. 4.

Smith, Jorgen A.: *See*—
Morland, P., and Smith.

Smith, Joseph A., Baltimore, Md., assignor to Standard Oil Development Company. Lubricants. 2,378,803; June 19.

Smith, Joseph E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Saponification products of polyvinyl esters. 2,368,949; Feb. 6.

Smith, Joseph L., Glen Ellyn, Ill. Flexible shaft. 2,370,884; Mar. 6.

Smith, Joseph P., New York, N. Y., assignor to Wrigley Pharmaceutical Co., Inc. Powder box. 2,379,853; July 3.

Smith, Kenneth, Minneapolis, Minn., and R. Zerbst, Weehawken, N. J., assignors to Scriver, Smith & Zerbst, Incorporated. Photographic process. 2,370,330; Feb. 27.

Smith, Kline & French Laboratories: *See*—
Blythe, Rudolph H., assignor.
Gordon, William G., assignor.
Ulivot, Glenn E., assignor.

Smith, L. C., & Corona Typewriters, Inc.: *See*—
Bradt, Charles H., assignor.
Walker, C., assignor.
Walker, C., and Wade, assignors.

Smith, Landon P., Inc.: *See*—
Adams, Arthur T., assignor.

Smith, Lawrence H., assignor to General American Aerocoach Company, Chicago, Ill. Clutch operating mechanism. 2,386,512; Oct. 9.

Smith, Lawrence W., Birmingham, Ala. Flexible stay bolt. 2,383,222; Aug. 21.

Smith, Lawson A., assignor to R. H. Clark, Los Angeles, Calif. Cutter. 2,382,113; Aug. 14.

Smith, Lawson A., assignor to R. H. Clark, Los Angeles, Calif. Drilling and countersinking tool. 2,390,744; Dec. 11.

Smith, Lee I., Minneapolis, Minn., and H. C. Miller, Claymont-Wilmington, Del., assignors to Regents of the University of Minnesota, Minneapolis, Minn. Chromans and intermediates and producing same. 2,372,132; Mar. 20.

Smith, Lee I., Minneapolis, Minn., and G. F. Rouault, Whiting, Ind., assignors to Regents of the University of Minnesota, Minneapolis, Minn. Making long chain intermediates. 2,376,286; May 15.

Smith, Lee I., Minneapolis, Minn., and J. A. King, Albany, N. Y., assignors to Regents of the University of Minnesota, Minneapolis, Minn. Making heterocyclic compounds. 2,388,579; Nov. 6.

Smith, Lester A.: *See*—
Hill, E. J., and Smith.

Smith, Lillian T., Chicago, Ill. Window blind. 2,388,715; Nov. 13.

Smith, Lloyd S., Tustin, Calif. Rotary pump. 2,381,700; Aug. 7.

Smith, Louie F., South Houston, assignor of one-half to C. J. McWhorter, Harris County, Tex. Core retriever. 2,379,757; July 3.

Smith, Margaret C.: *See*—
Smith, Howard V., and M. C.

Smith, Marie F., Berrien Center, Mich. Receptacle. 2,384,974; Sept. 18.

Smith, Mark C., Chicago, Ill. Indicating device. 2,384,653; Sept. 11.

Smith, Marvin A.: *See*—
Webb, G. M., and Smith.

Smith, Mary G., et al., executrices: *See*—
Smith, Robert A., assignor.

Smith, Merton J., Cleveland, Ohio., assignor of twenty-five per cent to P. B. Shannon, Chicago, Ill., twenty-five per cent to J. P. Geiger, Cleveland, and twenty-five per cent to R. W. Wilson, Rocky River, Ohio. Nozzle. 2,373,353; Apr. 10.

Smith, Mildred E.: *See*—
Smith, Victor E., assignor.

Smith, Milton L.: *See*—
Gerlich, Adolph, assignor.

Smith, Milton L., Chicago, Ill. Shelf for coin-controlled vending refrigerators. 2,376,561; May 22.

Smith, Milton L., and R. Schwalb, Chicago, Ill. Dispensing machine. 2,376,562; May 22.

Smith, Nathan D., Aberdeen, Md. Hose clamp. 2,391,804; Dec. 25.

Smith, Nathaniel L., Los Angeles, Calif., assignor to Process Holdings Company. Forming a stabilized froth and material therefor. 2,374,626; Apr. 24.

Smith, Nellie C., Santa Barbara, Calif. Trimming and pinking device and the like. 2,390,745; Dec. 11.

Smith, Norman J., Medfield, assignor to Fenwal Incorporated, Ashland, Mass. Fire detector. 2,373,856; Apr. 17.

Smith, Norman J., Medfield, assignor to Fenwal Incorporated, Ashland, Mass. Thermoswitch. 2,373,857; Apr. 17.

Smith, Norman J., Medfield, assignor to Fenwal Incorporated, Ashland, Mass. Indicating thermometer. 2,374,786; May 1.

Smith, Nowery J.: *See*—
Welch, Robert E., assignor.

Smith, Nowery J., Supply Company: *See*—
Welch, Robert E., assignor.

Smith, Oliver D., and C. Webb, Birmingham, England. Belt drive for machine tools. 2,372,342; Mar. 27.

Smith, Paul A., assignor to Barber-Greene Company, Aurora, Ill. Differential backstop for conveyers, elevators, etc. 2,383,276; Aug. 21.

Smith, Paul S., Rockford, Ill., assignor, by mesne assignments, to E. B. Allen, Birmingham, Mich. Yarn-supplying mechanism. 2,366,364; Jan. 2.

Smith, Paul T., Saginaw, assignor to General Motors Corporation, Detroit, Mich. Gauge. 2,369,319; Feb. 13.

Smith-Pert, George J.: *See*—
Forsyth, A. G., and Smith-Pert.

Smith, Peter P., Teaneck, N. J. Sectional vessel. 2,369,615; Feb. 13.

Smith, Prevost F., assignor to Pioneer Parachute Company, Inc., Manchester, Conn. Aerial testing apparatus and operation. 2,376,886; May 29.

Smith, Prevost F., assignor to Pioneer Parachute Company, Inc., Manchester, Conn. Parachute construction. 2,379,758; July 3.

Smith, Ralph E., Muskegon Heights, assignor to Manning, Maxwell & Moore, Inc., Muskegon, Mich. Hoist load brake. 2,372,026; Mar. 20.

Smith, Ray L.: *See*—
Klipsch, Paul W., assignor.

Smith, Raymond: *See*—
Wyche, E. H., and Smith.

Smith, Richard E., Cleveland Heights, Ohio, assignor to General Electric Company. Filament joint structure for electric lamps. 2,366,292; Jan. 2.

Smith, Richard F., Savannah, Ga. Shipbuilding. 2,379,259; June 26.

Smith, Richard G., Amsterdam, N. Y. Turn-tilt unloading toy railway car. 2,373,148; Apr. 10.

Smith, Richard G., Amsterdam, N. Y. Toy crane and self unloading car. 2,373,271; Apr. 10.

Smith, Richard G., Amsterdam, N. Y. Current collector for toy electric rolling stock. 2,389,280; Nov. 20.

Smith, Robert A., Mahwah, N. J., assignor to Polaroid Corporation, Cambridge, Mass. Light polarizer. 2,370,084; Feb. 20.

Smith, Robert A., deceased, Mahwah, N. J.; M. G. Smith, M. S. Pryde, and M. S. van Brederode, executrices, assignors to L. W. Chubb, Jr., Sharon, Mass., as trustee. Device for receiving, retaining, and releasing articles. 2,388,221; Oct. 30.

Smith, Robert B.: *See*—
La Hatte, J. A., and Smith.

Smith, Robert L., assignor to The Carborundum Company, Niagara Falls, N. Y. Abrasive products and manufacture. 2,389,462; Nov. 20.

Smith, Roger R., Gardner, Mass. Apparatus for producing solid or hollow pellets. 2,275,955; May 15.

Smith, Ronald A., London, England. Salt bath furnace. 2,367,897; Jan. 23.

Smith, Roscoe B.: *See*—
Ely, A. R., and Smith.

Smith, Roscoe H., and L. E. Miller, Cleveland, Ohio, and L. M. Dunning, Boston, Mass., assignors to The Reliance Electric and Engineering Company. Electrical control system. 2,378,444; June 19.

Smith, Roscoe M.: *See*—
Sorensen, C. E., and Smith.

Smith, Roy E.: *See*—
Moffett, E. W., and Smith.

Smith, Roy M.: *See*—
Webster, B. C., and Smith.

Smith, Roy M., Fairfield, and B. C. Webster, Southport, assignors to The Bryant Electric Company, Bridgeport, Conn. Connection. 2,381,315; Aug. 7.

Smith, Roy R., Jr., Kansas City, Mo. Manifold register. 2,373,790; Apr. 17.

Smith, Roy W.: *See*—
Ringle, C. J., Hiatt, and Smith.

Smith, Russell, Martinsville, Ind. Trap. 2,387,811; Oct. 30.

Smith, Russell E., Palmer, Mass. Step-up switch for electric arc welding. 2,376,827; May 22.

Smith, Russell J., Houghton, Mich. Heating rate controller. 2,385,308; Sept. 18.

Smith, S. Morgan, Company: *See*—
Hilker, Earl E., assignor.

Smith, S., & Sons (England) Limited: *See*—
Meredith, Frederick W., assignor.
Russell, Victor J. S., assignor.
Whatley, Hubert E., assignor.

Smith, S., & Sons (Motor Accessories) Limited: *See*—
Meredith, Frederick W., assignor.

Smith, Salem A., Greenville, assignor to Federal-Mogul Corporation, Detroit, Mich. Fabricating babbitt lined bearings. 2,384,654; Sept. 11.

Smith, Samuel B., North Hackensack, N. J. Surgical instrument for bone cutting. 2,369,925; Feb. 20.

Smith, Saul S., Buffalo, N. Y. Windshield cleaner. 2,383,750; Aug. 28.

Smith, St. Clair, Stamford, Conn. Textile printing composition. 2,385,737; Sept. 25.

Smith, Stanley, Bend, Oreg. Truck self-loader attachment. 2,387,687; Oct. 23.

Smith, Stanley J., assignor to Simmonds Aerocessories Limited, London, England. Electrical measuring or indicating system. 2,377,275; May 29.

Smith, Stanley J., assignor to Simmonds Aerocessories Limited, London, England. Electric resistor. 2,387,096; Oct. 16.

Smith, Stephen, Jersey City, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Flame hardening. 2,367,969; Jan. 23.

Smith, Stephen, Jersey City, assignor to Air Reduction Company, Incorporated. Progressive surface hardening and tempering of metal. 2,382,515; Aug. 14.

Smith, T. L., Company, The: *See*—
Barnes, Ross J., assignor.
Maxon, Glenway, Jr., assignor.

Smith, Telford L.: *See*—
Gill, J. B., and Smith.

Smith, Thomas R.: *See*—
Calvin, F. O., Wilson and Smith.

Smith, Thomas R., assignor to The Maytag Company, Newton, Iowa. Roll-stop mechanism for wringers. 2,370,085; Feb. 20.

Smith, Thomas R., assignor to The Maytag Company, Newton, Iowa. Wringer roll stop. 2,374,465; Apr. 24.

Smith, Thomas R., assignor to The Maytag Company, Newton, Iowa. Coating lacquer. 2,375,701; May 8.

Smith, Thomas R., assignor to The Maytag Company, Newton, Iowa. Wringer construction. 2,377,819; June 5.

Smith, Thomas R., assignor to The Maytag Company, Newton, Iowa. Wringer assembly. 2,377,820; June 5.

Smith, Thomas R., assignor to The Maytag Company, Newton, Iowa. Window construction. 2,383,691; Aug. 28.

Smith, Thomas R., assignor to The Maytag Company, Newton, Iowa. Pipe or tube coupling. 2,383,692; Aug. 28.

Smith, Thomas R., assignor to The Maytag Company, Newton, Iowa. End cap mounting for cylinders. 2,389,824; Nov. 27.

Smith, Thomas R., assignor to The Maytag Company, Newton, Iowa. Fire hose coupling. 2,389,825; Nov. 27.

Smith, Thomas W., Jr., Akron, assignor to The Sun Rubber Company, Barberton, Ohio. Inflatable athletic ball and making same. 2,380,370; July 10.

Smith, Victor E., assignor to M. E. Smith, Detroit, Mich. Boring tool. 2,372,027; Mar. 20.

Smith, Victor E., assignor to M. E. Smith, Detroit, Mich. Counterboring tool with pilot and holder. 2,372,028; Mar. 20.

Smith, Waldo G.: *See*—
Miller, J. W., and Smith.

Smith, Walter G. L.: *See*—
Johnston, M. O., Andrew, Graham, and Smith.

Smith, Walter G. L., Los Angeles, Calif. Hose connector. 2,371,363; Mar. 13.

Smith, Walter G. L., Los Angeles, Calif., assignor to Thermoid Company, Trenton, N. J. Drill pipe protector. 2,378,738; June 19.

Smith, Walter L., and L. C. Alford, Hermiston, Oreg. Device for removing casings from truck wheels. 2,375,956; May 15.

Smith, Walter R., Kansas City, Kans. Feather picker for fowls. 2,389,006; Nov. 13.

Smith, Walter W., West Acton, assignor to Barnes & Jones, Incorporated, Jamaica Plain, Mass. Control for steam heating systems. 2,367,741; Jan. 23.

Smith, Ward L., Hudson, assignor to Electric Controller & Manufacturing Company, Cleveland, Ohio. Electromagnetic control. 2,386,149; Oct. 2.

Smith and Wesson, Inc.: *See*—
Norman, Joseph W., assignor.

Smith, Wiley C., Arlington, Va., assignor to the United States of America, as represented by Claude R. Wickard, Secretary of Agriculture, and his successors in office. Treating crude pine tar. 2,379,662; July 3.

Smith, Will O.: *See*—
Smith, E. E. and W. O.

Smith, Will O.: *See*—
Smith, Elizabeth E. and W. O.

Smith, William A., East Orange, N. J. Golf playing apparatus. 2,379,663; July 3.

Smith, William E., Detroit, Mich., assignor to The Midland Steel Products Company, Cleveland, Ohio. Flame hardening apparatus. 2,372,298; Mar. 27.

Smith, William E., Detroit, Mich., assignor to The Midland Steel Products Company, Cleveland, Ohio. Electrode holder. 2,376,943; May 29.

Smith, William E., Detroit, Mich., assignor to The Midland Steel Products Company, Cleveland, Ohio. Electrode holder. 2,389,938; Nov. 27.

Smith, William G.: *See*—
Austin, J. B., Smith, and Oscar.

Smith, William G., Laramie, Wyo. Governor sleeve dislodging and removing tool. 2,375,391; May 8.

Smith, William L., Lockland, Ohio. Game indicator or score board or the like. 2,391,520; Dec. 25.

Smith, William S., Hinsdale, Ill., assignor to Henry Pratt Company. Damper construction. 2,390,227; Dec. 4.

Smith, William S. K., Akron, Ohio. Thermally insulated window. 2,379,601; July 3.

Smithe, F. L., Machine Co., Inc.: *See*—
Novick, Abraham, assignor.

Smithgall, Harry, Jr.: *See*—
Ratchford, H. L., and Smithgall.

Smokador Manufacturing Co., Inc.: *See*—
Baylis, Robert N., assignor.

Smoker, Isaac Z., Intercourse, Pa. Bale loader. 2,367,970; Jan. 23.

Smolak, George, Somerville, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Making covering elements. 2,391,805; Dec. 25.

Smolensky, Michael, Cleveland, Ohio. Angle valve structure. 2,379,382; June 26.

Smolovit, Alfred, et al.: *See*—
Horowitz, Nathan, assignor.

Smothermon, Harold A.: *See*—
Swanson, E. C., Gaskell, and Smothermon.

Smoxer, Michael C., Oak Park, assignor to James B. Clow & Sons, Chicago, Ill. Pipe-cutting machine. 2,389,463; Nov. 20.

Smylie, James G., Houston, Tex. Firing head for gun perforators. 2,388,938; Nov. 13.

Smyth, Charles N., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Lecher wire system. 2,389,167; Nov. 20.

Smyth, George F., Pittsford, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Eye guard. 2,378,508; June 19.

Smyth, Glen M., Plainfield, N. J., assignor to American Cyanamid Company, New York, N. Y. Vat dyestuffs of the anthrimide carbazole type. 2,385,113; Sept. 18.

Smyth, Harold T.: *See*—
Field, T. E., and Smyth.

Smyth Manufacturing Company: *See*—
Schramm, Carl, assignor.

Smythe, Allan: *See*—
Zellman, R. H., and Smythe.

Smythe, Dudley, et al: *See*—
Buckley, Frank R., assignor.

Smythe, Katherine K., Evanston, Ill. Foundation garment. 2,372,133; Mar. 20.

Snader, Ira J., assignor to Ex-Cell-O Corporation, Detroit, Mich. Machine tool. 2,391,487; Dec. 25.

Snader, Ira J., and M. A. Mathys, assignors to Ex-Cell-O Corporation, Detroit, Mich. Hydraulic transmission for machine tools. 2,375,256; May 8.

Snader, Ira J., and Max A. Mathys, assignors to Ex-Cell-O Corporation, Detroit, Mich. Hydraulic transmission. 2,379,546; July 3.

Snap-On Tools Corporation: *See*—
Larson, K. R., and Walraven, assignors.

Snarey, George N., Warwick, assignor to Dowty Equipment Limited, Cheltenham, England. Aircraft retractable alighting gear. 2,390,334; Dec. 4.

Sneed, John, Huntington Woods, Mich. Brake. 2,369,320; Feb. 13.

Sneed, John, Huntington Woods, assignor, by mesne assignments, to Michigan Tool Company, Detroit, Mich. Gear forming machine. 2,374,901; May 1.

Sneed, Robert C., Piedmont, and C. S. Jordan, Glendale, assignors to Safeway Stores, Inc., Oakland, Calif. Conveying mechanism. 2,371,783; Mar. 20.

Sneed, John, Huntington Woods, Mich. Brake. 2,376,828; May 22.

Snell, Foster D., Inc.: *See*—
Cartwright, Leonard C., assignor.
Fain, Jacob M., assignor.
Snell, Foster D., assignor.

Snell, Foster D., New York, N. Y., assignor to Foster D. Snell, Inc. Detergent composition. 2,376,096; May 15.

Snell, Foster D., and A. F. Guiteras, assignors to Chemsearch Corporation, New York, N. Y. Esters. 2,385,849; Oct. 2.

Snell, Francis A., Binghamton, assignor to Change-A-Blade Corporation, New York, N. Y. Scissors. 2,373,607; Apr. 10.

Snell, Francis A., Binghamton, assignor to Change-A-Blade Corporation, New York, N. Y. Scissors. 2,382,341; Aug. 14.

Snell, Francis A., Chenango Forks, assignor to Botnick Motor Corporation, Binghamton, N. Y. Wrench. 2,388,580; Nov. 6.

Snell, Maurice S., Enfield, England, assignor to Sangamo Electric Company, Springfield, Ill. Electric instrument relay. 2,373,202; Apr. 10.

Snell, Samuel A., assignor, by mesne assignments, to Ryerson & Haynes, Inc., Jackson, Mich. Windshield wiper mechanism. 2,370,376; Feb. 27.

Snell, Samuel A., assignor, by mesne assignments, to Ryerson & Haynes, Inc., Jackson, Mich. Making cartridge cases and the like. 2,371,716; Mar. 20.

Snell, Samuel A., assignor, by mesne assignments, to Ryerson & Haynes, Inc., Jackson, Mich. Steel cartridge case. 2,373,921; Apr. 17.

Snell, Samuel A., assignor, by mesne assignments, to Ryerson & Haynes, Inc., Jackson, Mich. Cartridge case. 2,388,094; Oct. 30.

Snell, Samuel A., assignor to Ryerson & Haynes, Inc., Jackson, Mich. Primer pocket. 2,388,370; Nov. 6.

Snelling, Walter O., Allentown, Pa., assignor to Trojan Powder Company. Explosive composition. 2,371,000; Mar. 6.

Snepvangers, Rene: *See*—
Sinnett, C. M., and Snepvangers.

Snider, Alva V.: *See*—
Morris, R. C., and Snider.

Snider, Harry L., Van Nuys, Calif. Garment. 2,367,442; Jan. 16.

Snodgrass, Scott, et al.: *See*—
Compton, Henry P., assignor.

Snoek, Jacob L., and L. Alons, Eindhoven, Netherlands; vested in the Alien Property Custodian. Magnetic system. 2,380,616; July 31.

Snow, Henry: *See*—
Slayter, G., and Snow.

Snow-Nabstedt Gear Corporation, The: *See*—
Nabstedt, Arthur T., assignor.

Snow, Robert D., Bartlesville, Okla., assignor to Phillips Petroleum Company. Synthetic rubber composition. 2,372,299; Mar. 27.

Snuggs, John F., assignor to Standard Oil Company, Chicago, Ill. Powdered solids stripping system. 2,367,694; Jan. 23.

Snyero-Seat Company: *See*—
Flint, Hyland C., assignor.

Snyder, Ballard F., Spokane, Wash. Motor. 2,369,374; Feb. 13.

Snyder, Clermont J.: *See*—
Bassett, W. H., Jr., and Snyder.

Snyder, Ernest R., Tempe, Ariz. Excavator. 2,381,085; Aug. 7.

Snyder, Eugene L., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,389,877; Nov. 27.

Snyder, Frederick D., Milton, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control system. 2,390,812; Dec. 11.

Snyder, Gilbert, Bronx, N. Y. Color combination demonstrator. 2,374,389; Apr. 24.

Snyder, Harold H., Mount Lebanon, assignor to Forter-Teichmann Company, Pittsburgh, Pa. Sorting machine. 2,385,038; Sept. 18.

Snyder, Harry L., West Los Angeles, Calif. Receptacle. 2,374,390; Apr. 24.

Snyder, Jacob R., Cleveland, Ohio. Rail fastening. 2,378,590; June 19.

Snyder, Jacob R., Cleveland, Ohio. Preventing deterioration in rail fastenings and the like. 2,389,464; Nov. 20.

Snyder, Jacob R., assignor to Thompson Products, Inc., Cleveland, Ohio. Shock absorber. 2,373,506; Apr. 10.

Snyder, Jacob R., assignor to Thompson Products, Inc., Cleveland, Ohio. Universal joint. 2,386,754; Oct. 16.

Snyder, James E., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Forming an end closure. 2,367,443; Jan. 16.

Snyder, James E., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Cheese package. 2,383,352; Aug. 21.

Snyder, James R.: *See*—
Richards, Idris J., assignor.

Snyder, Leland H., Lincolnwood, assignor to Quality Hardware and Machine Corporation, Chicago, Ill. Massage device. 2,378,335; June 12.

Snyder, Leland H., assignor to Quality Hardware and Machine Corporation, Chicago, Ill. Searchlight. 2,383,223; Aug. 21.

Snyder, Mahlon C., Hamburg, N. Y. Storing liquid fuel. 2,389,168; Nov. 20.

Snyder, Purdum M., Ben Avon, assignor to H. H. Robertson Company, Pittsburgh, Pa. Bituminous composition and making the same. 2,391,749; Dec. 25.

Snyder, Purdum M., Ben Avon, assignor to H. H. Robertson Company, Pittsburgh, Pa. Bituminous composition. 2,391,750; Dec. 25.

Snyder, Purdum M., Ben Avon, assignor to H. H. Robertson Company, Pittsburgh, Pa. Bituminous composition. 2,391,751; Dec. 25.

Snyder, Raymond R., Toledo, Ohio, assignor to Automatic Turbine Drive Company, Inc. Turbine construction. 2,390,133; Dec. 4.

Snyder, Richard L., Jr.: *See*—
Rajchman, J. A., and Snyder, assignors.

Snyder, Russel D., assignor to Crane Packing Company, Chicago, Ill. Fluid seal. Re. 22,666; Aug. 14.

Snyder, Willis D., and W. J. Emmer, Crestline, Ohio. Flexible shaft and motor carrier. 2,368 731; Feb. 6.

Soans, Cyril A.: *See*—
Broyles, Grace A., assignor.

Sobel, Harry, et al.: *See*—
Fern, Oscar, assignor.

Sobotka, Harry H., and M. I. Rubin, New York, N. Y., assignors to Mount Sinai Hospital Research Foundation, Inc. Preparing hydroxy derivatives of aliphatic acids and new compounds produced thereby. 2,390,335; Dec. 4.

Societe Anonyme Des Manufactures Des Glaces Et Produits Chimiques De Saint-Gobain, Chauny & Cirey: *See*—
Forbes, L. J-B., and Bird, assignors.

Société Anonyme pour l'Industrie de l'Aluminium: *See*—
Hurter, Hans, assignor.

Societe d'Inventions Aeronautiques et Mecaniques S. I. A. M.: *See*—
Levy, René L., assignor.

Societe Genevoise d'Instruments de Physique: *See*—
Koulicovitch, Maurice, assignor.
Turrettini, Fernand, assignor.

Société Suisse d'Electricité et de Traction: *See*—
Jobin, Bernard, assignor.

Society of Chemical Industry: *See*—
Schibler, Lusius, assignor.

Society of Chemical Industry in Basle: *See*—
Albrecht, O., Graenacher, and Sallmann, assignors.
Anderau, Walter, assignor.
Bucher, Armin, assignor.
Danuser, J., and von Capeller, assignors.
Felix, F., and Heckendorn, assignors.
Felix, F. and Zurcher, assignors.
Graenacher, C., Sallmann, Albrecht, and Frei, assignors.
Graenacher, C., Sallmann, and Frei, assignors.
Kaiser, Otto, assignor.
Landolt, Albert, assignor.
Mueller, Willy, assignor.
Scheidegger, Jakob, assignor.
Theiler, Casimir, assignor.

Socke, John E., Pelham Manor, N. Y., and G. E. Eckman, New Milford, N. J., assignors to American Can Company, New York, N. Y. Container. 2,371,194; Mar. 13.

Socolofsky, John F.: *See*—
Berger, H. G., Crandall, and Socolofsky.

Socony-Vacuum Oil Company: *See*—
Canley, S. P., and Shipp, assignors.

Socony-Vacuum Oil Company, Incorporated: *See*—
Abrams, A. J., and Cook, assignors.
Angel, H. S., Fuller, and Berger, assignors.
Radertscher, D. E., Coonradt, and Crowley, assignors.
Radertscher, D. E., Crowley, and Feasley, assignors.
Radertscher, D. E., Williams, and Berger, assignors.
Baker, T. W., and Friedman, assignors.
Berger, H. G., Crandall, and Socolofsky, assignors.
Berger, H. G., Noland, and Fuller, assignors.
Bishop, John H., assignor.
Broding, Robert A., assignor.
Caesar, P. D., and Sachanen, assignors.
Clewell, Dayton H., assignor.

Socony-Vacuum Oil Company, Incorporated: *See*—Contd.
Daley, H. G., Crowley, Badertscher, and Coonradt, assignors.
Daley, H. G., and Howard, Jr., assignors.
Dean, J. C., and Edwards, assignors.
Drake, L. C., and Evans, assignors.
Drake, L. C., Herman and Scafe, assignors.
Dunham, George S., assignor.
Evans, Louis P., assignor.
Fahnestock, Frank C., assignor.
Francis, Alfred W., assignor.
Francis, A. W., and James, assignors.
Francis, A. W., and Reid, assignors.
Francis, A. W., and Schlesman, assignors.
Frank, F. C., Badertscher, and Berger, assignors.
Glammaria, J. J., and Reiff, assignors.
Gorin, Everett, assignor.
Gorin, Manuel H., assignor.
Gormly, Horace C., assignor.
Grimble, Robert W., assignor.
Hadden, Stuart T., assignor.
Hamilton, L. A., Moran, and Cattell, assignors.
Horton, Aaron W., assignor.
Kalichevsky, V. A., Ray, and Payne, assignors.
Koppenhoefer, Robert M., assignor.
Lechthaler, Charles H., assignor.
Lincoln, B. H., Brykit, and Steiner, assignors.
Meadow, Jacob R., assignor.
Marisic, Milton M., assignor.
Marisic, M. M., and Dray, assignors.
Marshall, C. D., and Buttrill, assignors.
McCracken, John H., assignor.
McCracken, J. H., and Nygaard, assignors.
Minton, John P., assignor.
Moran, R. C., Meyer, Otto, and Oberright, assignors.
Nelson, T. W., Noll, and Simpson, assignors.
Nicholls, E. S., Noll, and Payne, assignors.
Noland, Thomas T., assignor.
Noland, T. T., and Nygaard, assignors.
Nygaard, E. M., and McCracken, assignors.
Nygaard, E. M., McCracken, and Noland, assignors.
Otto, Ferdinand P., assignor.
Otto, F. P., and Meyer, assignors.
Otto, F. P., Meyer, and Moran, assignors.
Otto, F. P., and Reiff, assignors.
Pabst, Arthur C., assignor.
Patton, James L., assignor.
Redman, H. E., and Fuller, assignors.
Redmond, Lury B., assignor.
Reiff, Orland M., assignor.
Reiff, O. M., and Andress, assignors.
Reiff, O. M., and Hartough, assignors.
Reiff, O. M., and Zech, assignors.
Roehner, Theodore G., assignor.
Sachanoeh, A. N., and Caesar, assignors.
Schiller, Harold, assignor.
Simpson, T. P., Payne and Crowley, Jr., assignors.
Shipp, V. L., Pabst, and Killingsworth, assignors.
Shook, Earley M., assignor.
Shook, E. M., and Olson, assignors.
Utterback, Ernest, assignor.
Williams, R. H., and Fuller, assignors.

Socony-Vacuum Oil Products Company, Incorporated: *See*—
Schlesman, Carleton H., assignor.

Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvement Company. Pressure sensitive rubber adhesive. 2,366,219; Jan. 2.

Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvement Company. Removing methyl phenylacetylene from ring substituted methyl styrene. 2,372,524; Mar. 27.

Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvement Company. Removing phenylacetylene from styrene. 2,372,525; Mar. 27.

Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvement Company. Removing phenylacetylene from styrene. 2,372,526; Mar. 27.

Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvement Company. Depolymerization of ring substituted methyl styrene polymers. 2,372,527; Mar. 27.

Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvement Company. Depolymerization of styrene polymers. 2,372,528; Mar. 27.

Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvement Company. Purification of diolefins. 2,373,715; Apr. 17.

Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvement Company. Polymerization of piperylene-olefine mixtures and products obtained therefrom. 2,374,242; Apr. 24.

Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvement Company. Chlorination of piperylene. 2,374,711; May 1.

Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvement Company. Chemical process and product. 2,376,396; May 22.

Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvement Company. Coated object and making the same. 2,378,445; June 19.

Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvement Company. Coated object and making the same. 2,378,446; June 19.

Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvement Company. Plasticized composition. 2,378,447; June 19.

Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvement Company. Ether of 2-methyl-2-hydroxy-butene-3. 2,382,031; Aug. 14.

Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvement Company. Purifying ring substituted methyl styrene. 2,383,921; Aug. 28.

Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvement Company. Depolymerization of polymers of styrene and ring substituted methyl styrenes. 2,383,922; Aug. 28.

Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvement Company. Compositions containing resinous polymers of cyclopentadiene. 2,384,141; Sept. 4.

Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvements Company. Chemical process and product. 2,384,855; Sept. 18.

Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvement Company. Rubber compositions containing hydrocarbon resins. 2,388,346; Nov. 6.

Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvement Company. Chemical process and product. 2,389,647; Nov. 27.

Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvement Company. Mastic composition. 2,390,189; Dec. 4.

Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvement Company. Chemical process and product. 2,390,190; Dec. 4.

Soday, Frank J., Upper Darby, Pa., assignor to The United Gas Improvement Company. Polymerization of indene. 2,373,714; Apr. 17.

Soday, Frank J., Upper Darby, Pa., assignor to The United Gas Improvement Company. Controlling polymerization reactions. 2,375,256; May 8.

Soderberg, Gustave J., Babylon, N. Y. Removable conduit housing. 2,368,619; Feb. 6.

Soderberg, Gustave J., Babylon, N. Y. Polisher. 2,379,997; July 10.

Soderberg, Sten, Passaic, assignor to Leslie Company, Lyndhurst, N. J. Steam whistle. 2,386,513; Oct. 9.

Soderquist, Frederick J.: *See*—
Amos, J. L., and Soderquist.

Söderström, Nils M. G., Spanga, and H. F. Rost, Djursholm, Sweden. Cultivating yeast with treated waste sulphite liquor. 2,381,230; Aug. 7.

Soetheer, Oscar F., Massapequa Park, N. Y. Internal surface projector. 2,378,870; June 19.

Soffietti, Giuseppe, Torino, Italy, assignor to L. J. Leishman, Los Angeles, Calif. Automatic tuning-in of wireless receiving sets to desired broadcasting stations. 2,388,581; Nov. 6.

Sohm, Alfred L., assignor to Dril-Tap Company, Van Nuys, Calif., a copartnership composed of J. P. Corbett and A. L. Sohm. Power tool. 2,370,885; Mar. 6.

Sohm, Herwart, Basel, Switzerland. Manufacture of paints. 2,388,017; Oct. 30.

Sohmer, Carl G., Tacoma, Wash. Dispenser. 2,376,018; May 15.

Sojka, George E., assignor to Eaton Paper Corporation, Pittsfield, Mass. Die stamping. 2,373,060; Apr. 3.

Sokoloff, Boris T., Bloomfield, N. J., assignor to World Products Corp., New York, N. Y. Vitamin A containing preparation and the manner of its production. 2,375,501; May 8.

Sokolowsky, Charles T., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Material working apparatus. 2,376,829; May 22.

Solar Aircraft Company: *See*—
Allen, L. B., and Heath, assignors.
Arnhym, Albert A., assignor.
Burger, L. E., and Skinner, assignors.
Huntoon, Russell C., assignor.
Russell, Leslie W., assignor.

Solar Corporation: *See*—
Feldtkeller, Carl L., assignor.

Solberg, Ludwig O., Wenatchee, Wash. Reversible air circulating system. 2,370,856; Mar. 6.

Solberg, Nils, Duluth, Minn. Music holder for clarinet and band instruments. 2,386,576; Oct. 9.

Soldan, Clarence W., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Self-locking threaded device. 2,367,379; Jan. 16.

Soldner, William E., Salina, Kans. Contraposed twin turreted boat and ship drive. 2,386,362; Oct. 9.

Solex Limited: *See*—
Wattebot, Louis E., assignor.

Solis, Faustino J. F., Habana, Cuba. Door, window, and the like. 2,378,591; June 19.

Solkover, George, Seattle, Wash. Record carrier. 2,366,940; Jan. 9.

Sollie, Elvyn M.: *See*—
Froetich, H. G., and Sollie.

Sollinger, Ferdinand P., Paterson, N. J., assignor to Wright Aeronautical Corporation. Centrifugal compressor entry vane construction. 2,384,265; Sept. 4.

Solms, Fred J.: *See*—
Porsche, J. D., and Solms.

Solmssen, Ulrich V.: *See*—
Lee, J., Solmssen, and Berger.

Solomon, Ernest, Nutley, H. J. Passino, Jersey City, and L. C. Rubin, West Caldwell, assignors to The M. W. Kellogg Company, Jersey City, N. J. Metal halide catalysts. 2,382,586; Aug. 14.

Solomon, Oscar A., North Tonawanda, N. Y. Airplane-helicopter. 2,382,824; Aug. 14.

Solomon, Sidney, et al.: *See*—
Pitar, Adolph, assignor.

Solomon, William, New York, N. Y. Shirt. 2,369,416; Feb. 13.

Solon, Philip O., Oakland, Calif. Keyboard for typewriters or the like. 2,369,807; Feb. 20.

Solotoy, Percy: *See*—
Kalpakoff, William A., assignor.

Soltzberg, Sol, assignor to Atlas Powder Company, Wilmington, Del. Hexide diesters. 2,387,842; Oct. 30.

Soltzberg, Sol, Tamaqua, Pa., assignor to Atlas Powder Company, Wilmington, Del. Sorbitan and making the same. 2,390,395; Dec. 4.

Soltzberg, Solomon, Tamaqua, Pa., assignor to Atlas Powder Company, Wilmington, Del. Preparation of tartaric acid values. 2,380,196; July 10.

Solvay Process Company, The: *See*—
Beekhuis, Herman A., Jr., assignor.
Beckham, Leland J., assignor.
Beckham, L. J., and Crowder, assignors.
Datin, Richard C., assignor.
Farrell, J. K., and Eichelberger, assignors.
Fessler, William A., assignor.
Harman, Robert A., assignor.
Julien, Arlie P., and Tersley, assignors.
Koenig, Charles L., assignor.
Laue, Karl E. E., assignor.
Lawrence, C. K., and Engle, assignors.
Moyer, W. W., and Klingelhoefer, assignors.
Porter, Frank, assignor.
Saddington, Arthur W., assignor.

Solvay Sales Corporation: *See*—
Miller, John F., assignor.

Solyst, Jalmer M., Forest City, Iowa. Door for animal houses. 2,373,858; Apr. 17.

Somers, Robert E., Hellertown, Pa., assignor to Bethlehem Steel Company. Stud. 2,384,403; Sept. 4.

Somerville, Albert A., Carmel, assignor to R. T. Vanderbilt Co. Inc., New York, N. Y. Synthetic rubber compounding. 2,374,843; May 1.

Somerville, Gareth G., Pittsfield, Mass., assignor to General Electric Company. Strip cutting machine. 2,369,617; Feb. 13.

Somes, Howard E., Detroit, Mich., assignor to Budd Induction Heating, Inc., Philadelphia, Pa. Quenching device for heat-treating apparatus. 2,371,117; Mar. 6.

Somes, Howard E., Detroit, Mich., assignor to Budd Induction Heating, Inc., Philadelphia, Pa. Electrical apparatus. 2,372,529; Mar. 27.

Somes, Howard E., Detroit, Mich., assignor to Budd Induction Heating, Inc., Philadelphia, Pa. Heat-treated apparatus. 2,374,243; Apr. 24.

Somes, Howard E., Detroit, Mich., assignor to Budd Induction Heating, Inc., Philadelphia, Pa. Heat-treating apparatus. 2,376,514; May 22.

Somes, Howard E., Detroit, Mich., assignor to Budd Induction Heating, Inc., Philadelphia, Pa. Apparatus for and method of quenching. 2,376,515; May 22.

Somes, Howard E., Detroit, Mich., assignor to Budd Induction Heating, Inc., Philadelphia, Pa. Heat-treating apparatus. 2,376,516; May 22.

Somes, Howard E., Detroit, Mich., assignor to Budd Induction Heating, Inc., Philadelphia, Pa. Wall for marine vessels. 2,376,517; May 22.

Somes, Howard E., Detroit, Mich., assignor to Budd Induction Heating, Inc., Philadelphia, Pa. Work supporting carriage. 2,382,825; Aug. 14.

Somes, Howard E., Detroit, Mich., assignor to Budd Induction Heating, Inc., Philadelphia, Pa. Reciprocable carriage. 2,382,826; Aug. 14.

Somes, Howard E., Detroit, Mich., assignor to Budd Induction Heating, Inc., Philadelphia, Pa. Timing mechanism. 2,387,097; Oct. 16.

Somes, Howard E., Detroit, Mich., assignor to Budd Induction Heating, Inc., Philadelphia, Pa. Heat treatment of hardenable metallic articles. 2,388,231; Oct. 30.

Sommer, Albert, Riverdale, N. Y. Preparing building compositions. 2,372,230; Mar. 27.

Sommermeyer, Oscar R., Jr., Passaic, N. J. Gas analysis apparatus. 2,372,530; Mar. 27.

Son-Chief Electrics, Incorporated: *See*—
Fitzgerald, Edward J., assignor.

Songer, Leonard J., Syracuse, N. Y. Paste or cream dispenser. 2,376,944; May 29.

Sonne, John, Cleveland, Ohio. Mechanical razor. 2,372,401; Mar. 27.

Sonneborn, Frank, Jr., et al.: *See*—
Matt, Joseph, assignor.

Sonneborn, John R., Willow Grove, and J. Y. Albertson, assignors to Stokes and Smith Company, Philadelphia, Pa. System of producing evacuated packages. 2,387,812; Oct. 30.

Sonneborn, L., Sons, Inc.: *See*—
Breth, F. W., and Kinsel, assignors.

Sonnemann, William K., Roselle Park, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Magnetizing-inrush tripping-suppressor. 2,376,830; May 22.

Sonnemann, William K., Roselle Park, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Relay. 2,390,813; Dec. 11.

Sonnemann, William K., Roselle Park, A. C. Mehring, East Orange, and S. L. Goldsborough, Basking Ridge, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Double-loop four-pole directional element. 2,380,197; July 10.

Sonnenfeld, William F., Sheboygan, Wis. Safety razor guard plate. 2,379,386; June 26.

Sonnino, Bruno, Milan, Italy; vested in the Alien Property Custodian. Device for printing fabrics. 2,371,930; Mar. 20.

Sonntag, Bernhard, Dallas, Tex. Air cleaner and purifier. 2,369,375; Feb. 13.

Sonoco Products Company: *See*—
Dunlap, C. K., and Stogner, assignors.
Reid, Edward S., assignor.

Sonotone Corporation: *See*—
Koren, Heiman W., assignor.

Sontag, Samuel: *See*—
Satz, F., assignor, and Berns.

Sontheimer, Carl G., Haddonfield, N. J., assignor to Radio Corporation of America. Square-law detector. 2,387,472; Oct. 23.

Sontheimer, Carl G., Haddonfield, and R. S. Doak, Collingswood, N. J., assignors to Radio Corporation of America. Reception of signals on a loop antenna. 2,375,593; May 8.

Soper, Henry F.: *See*—
Hazard, C. S., and Soper.

Sopp, Richard A., assignor to Rawlings Manufacturing Company, St. Louis, Mo. Machine for everting ball casings and similar articles. 2,378,336; June 12.

Sorem, Stanley S., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Asphaltic composition and making the same. 2,366,657; Jan. 2.

Sorensen, Charles E., Detroit, assignor to Ford Motor Company, Dearborn, Mich. Supercharger. 2,366,365; Jan. 2.

Sorensen, Charles E., Detroit, assignor to Ford Motor Company, Dearborn, Mich. Mold. 2,383,224; Aug. 21.

Sorensen, Charles E., Detroit, assignor to Ford Motor Company, Dearborn, Mich. Casting rotors. 2,391,523; Dec. 25.

Sorensen, Charles E., and H. M. Reinhold, Detroit, assignors to Ford Motor Company, Dearborn, Mich. Method and mold for casting hollow articles. 2,374,902; May 1.

Sorensen, Charles E., Detroit, and R. E. McCarroll, assignors to Ford Motor Company, Dearborn, Mich. Multiple centrifugal casting. 2,378,042; June 12.

Sorensen, Charles E., Detroit, and R. M. Smith, Ann Arbor, assignors to Ford Motor Company, Dearborn, Mich. Airframe assembly. 2,378,043; June 12.

Sorensen, Charles E., Detroit, R. H. McCarroll and N. E. Rothenthaler, assignors to Ford Motor Company, Dearborn, Mich. Armor plate quenching. 2,378,044; June 12.

Sorensen, Charles E., Detroit, and C. W. Van Ranst, assignors to Ford Motor Company, Dearborn, Mich. Cylinder construction. 2,378,045; June 12.

Sorensen, Charles E., Detroit, and R. M. Smith, Ann Arbor, assignors to Ford Motor Company, Dearborn, Mich. Aircraft manufacture. 2,383,225; Aug. 21.

Sorensen, Charles E., Detroit, and L. S. Sheldrick, assignors to Ford Motor Company, Dearborn, Mich. Vehicle track construction. 2,391,524; Dec. 25.

Sorensen, George E., assignor to Woodward Governor Company, Rockford, Ill. Method of and apparatus for measuring center spacing. 2,388,582; Nov. 6.

Sorensen, Henry, Los Angeles 14, Calif. Concrete dam structure. 2,375,143; May 1.

Soroos, Harold: *See*—
Calingaert, G., Soroos, and Shapiro.

Sorrentino, Thomas, New York, assignor to Oceanic Ship Scaling Co., Inc., Brooklyn, N. Y. Sandblasting nozzle. 2,376,287; May 15.

Soskin, Harry, Philadelphia, Pa. Elevating scaffold. 2,370,887; Mar. 6.

Sosman, Robert B.: *See*—
Percy, J. W., Johnston, and Sosman, assignors.

Sosna, Samuel E., trustee: *See*—
Taylor, George E., assignor.

Sosnoskie, Peter A., assignor of thirty-five one-hundredth to J. L. Pipa, Jr., Shamokin, Pa. Electric shock preventer. 2,372,858; Apr. 3.

Sossner, Abraham J., et al.: *See*—
Nachemov, Leonard, assignor.

Sossner, Nettie, et al.: *See*—
Nachemov, Leonard, assignor.

Sossner Steel Stamps: *See*—
Nachemov, Leonard, assignor.

Sossner, Theodore T., et al.: *See*—
Nachemov, Leonard, assignor.

Sottosanti, Michael: *See*—
Fink, H., and Sottosanti.

Soucia, Philip W., Caribou, Maine. Hydraulic loader or unloader. 2,374,045; Apr. 17.

Soucie, Sylvester F., Proctor, Colo. Apparatus for blocking row crops. 2,373,716; Apr. 17.

Souder, Philip W., Moorestown, N. J., assignor to Campbell Soup Company. Making formed dough products. 2,366,366; Jan. 2.

Souders, Mott, Jr., Piedmont, assignor to Shell Development Company, San Francisco, Calif. Extraction process. 2,377,049; May 29.

Souders, Mott, Jr., Piedmont, assignor to Shell Development Company, San Francisco, Calif. Distillation process. 2,379,110; June 26.

Souders, Mott, Jr., Berkeley, and R. N. Shiras, assignors to Shell Development Company, San Francisco, Calif. Treatment of hydrocarbons. 2,366,570; Jan. 2.

Souders, Mott, Jr., Berkeley, and A. J. Cherniavsky, assignors to Shell Development Company, San Francisco, Calif. Catalytic conversion apparatus. 2,371,477; Mar. 13.

Soule, Arthur H., San Francisco, Calif., assignor, by mesne assignments, to Dalmo Victor, Inc. Awning type window construction. 2,366,815; Jan. 9.

Soule, George C., South Portland, Maine, and Willard Cote, Detroit, Mich. Strap for cargo lashing equipment. 2,384,404; Sept. 4.

Soundscriber Corporation, The: *See*—
Stone, Robert L., assignor.
Thompson, Lincoln, assignor.
Thompson, L., and Stone, assignors.

Soutar, John, Huntington, W. Va., assignor to American Car and Foundry Company, New York, N. Y. Shear for flanged metal shapes. 2,366,987; Jan. 9.

Souter, Eugene H., Independence, Mo. Squeeze riveter. 2,388,877; Nov. 13.

South, Joseph A.: *See*—
Scherer, L. F., and South.

Souther, Benjamin L., New Canaan, Conn., assignor to U. S. Industrial Chemicals, Inc., New York, N. Y. Preparation of ethyl B-ethoxypropionate. 2,386,363; Oct. 9.

Southern Acid & Sulphur Company, Inc.: *See*—
Fernelius, W. C., and McReynolds, assignors.

Southern Aircraft (Gatwick) Limited, The: *See*—
Coxon, J. E., Lindsley, and Shelley, assignors.

Southern Dyestuff Corporation: *See*—
Robinson, E. D., and Boesch, assignors.

Southern Loom Reed Manufacturing Company, Inc.: *See*—
McLane, Virgle F. and S. F., assignors.

Southern Phosphate Corporation: *See*—
Coleman, John H., assignor.
Ellis, Edward J., assignor.
Ten Eyck, H. S., Chocholak, and Coleman, assignors.

Southern States Equipment Corporation: *See*—
Gussow, William A., assignor.

Southern Wood Preserving Company: *See*—
Deiters, August M., assignor.

Southwest Welding & Mfg. Co.: *See*—
Maloon, E. B., and Yount, assignors.

Southwick, William S., East Lynn, assignor to Thomson-Gibb Electric Welding Company, Lynn, Mass. Machine for making welded wire fabric. 2,368,047; Jan. 23.

Southworth, George C., Red Bank, N. J., assignor to American Telephone and Telegraph Company. Short-wave radio transmission. 2,369,808; Feb. 20.

Soutter, Robert R.: *See*—
Hodson, E., and Soutter, assignors.

Sowa, Frank J., Cranford, N. Y. Manufacture of aromatic hydrocarbons. 2,367,535; Jan. 16.

Sowa, Frank J., Cranford, N. J. Rendering materials germicidal and germicide therefor. 2,376,291; May 15.

Sowa, Frank J., Cranford, N. J. Separating hydrocarbons and waxes and the products so produced. 2,383,521; Aug. 28.

Sowers, Wesley H., Flossmoor, assignor to The Pure Oil Company, Chicago, Ill. Diesel fuels. 2,380,341; July 10.

Sowle, Charles E.: *See*—
Ulmer, T., and Sowle.

Spacie, Thomas, De Kalb, Ill. Window. 2,375,257; May 8.

Spaeth, Charles P.: *See*—
Burrows, L. A., Holmes, and Spaeth.

Spaeth, John J., assignor to The Wyatt Manufacturing Co., Inc., Salina, Kans. Stacker-loader. 2,367,150; Jan. 9.

Spafford, Bert L., Starks, Wis. Potato harvester. 2,373,426; Apr. 10.

Spagnoli, Paul, San Francisco, Calif. Mattress wrapping machine. 2,385,477; Sept. 25.

Spagnolo, Cosimo D., New York, N. Y. Cartridge feeding mechanism. 2,380,083; July 10.

Spahn, Charles F., Jr., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Contacting device. 2,369,616; Feb. 13.

Spahr, William F., Southport, La. Drum swager. 2,379,046; June 26.

Spahr, William F., New Orleans, La. Body roller. 2,387,688; Oct. 23.

Spalding, A. G., & Bros. Inc.: *See*—
Radford, George S., assignor.
Radford, G. S., and Couture, assignors.
Tynan, James N., assignor.

Spaldo, Philip A., New York, N. Y. Combination bag and book cover. 2,369,864; Feb. 20.

Spalt, George, & Sons, Inc.: *See*—
Epworth, Sylvia D., assignor.

Spangel, Edgar W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Spinning process. 2,345,890; Oct. 2.

Spanel, Abraham N., New York, N. Y. Flexible collapsible fluid bladder. 2,387,539; Oct. 23.

Spanel, Martin M., Flint, Mich. Grinding mill. 2,389,242; Nov. 20.

Spang, Ferdinand J., Butler, Pa. Device for determining the condition of a well bore from an etched acid bottle. 2,373,061; Apr. 3.

Spang, Joseph P., Quincy, assignor to Cube Steak Machine Co., Boston, Mass. Meat slitting machine. 2,380,371; July 10.

Spangenberg, Charles B., and A. H. Swanson, Philadelphia, Pa., assignors to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Burner control system. 2,368,893; Feb. 6.

Spangenberg, Karl, Palo Alto, Calif., assignor to International Standard Electric Corporation, New York, N. Y. Electron lens. 2,383,751; Aug. 28.

Spangler, Lynn K., Parkersburg, W. Va., assignor to American Viscose Corporation, Wilmington, Del. Filamentary guide. 2,369,809; Feb. 20.

Spangler, Lynwill K.: *See*—
Becker, F. A., Jr., and Spangler, assignors.

Spangler, John A., Dayton, Ohio. Multiple-unit speed control. 2,381,934; Aug. 14.

Sparro, John: *See*—
Mader, Emil A., assignor.

Sparhawk, Charles V., Sparkill, N. Y. Producing muskilke preparations. 2,368,578; Jan. 30.

Spartler Manufacturing Company: *See*—
Krackiauer, Aloysius C., assignor.

Sparks, Chiles E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Direct blue azo dyes. 2,370,500; Feb. 27.

Sparks, Ell, et al.: *See*—
Wagers, Beverly T., assignor.

Sparks Machine Tool Corporation, The: *See*—
Sparks, S. W., and Lomazzo, assignors.

Sparks, Marshall S., Memphis, Tenn. Package of solder. 2,372,859; Apr. 3.

Sparks, Stanley W., and E. J. Lomazzo, assignors to The Sparks Machine Tool Corporation, Norwalk, Conn. Lathe and making the same. 2,389,746; Nov. 27.

Sparks, William J.: *See*—
Gleason, A. H., and Sparks.
Lightbown, I. E., and Sparks.
Thomas, R. M., and Sparks.

Sparks, William J., Elizabth, and R. M. Thomas, Union, N. J., assignors, by mesne assignments, to Jasco, Incorporated. Solid interpolymer of an isoolefin and a non-conjugated diolefin. 2,384,975; Sept. 18.

Sparks, William J., Cranford, and R. M. Thomas, Union, N. J., assignors to Jasco, Incorporated. Producing high molecular weight polymers from olefins. 2,389,693; Nov. 27.

Sparks, William L., Hartsdale, N. Y. Fastener. 2,386,723; Oct. 9.

Sparks-Withington Company, The: *See*—
Hehn, Otto, assignor.

Sparrow, Hubert T., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Motor control system. 2,389,939; Nov. 27.

Sparrow, Hubert T., and J. M. Wilson, assignors to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Thermocouple. 2,378,804; June 19.

Spase, Charles B., Nedrow, assignor to Lipe-Rollway Corporation, Syracuse, N. Y. Clutch throwout mechanism. 2,369,417; Feb. 13.

Spase, Charles B., Nedrow, assignor to Lipe-Rollway Corporation, Syracuse, N. Y. Hydraulically supported balancing machine. 2,372,610; Mar. 27.

Spase, Charles B., Nedrow, assignor to Lipe-Rollway Corporation, Syracuse, N. Y. Friction clutch. 2,384,405; Sept. 4.

Spaulding, Edwin B., Madison, Wis., assignor to Hercules Powder Company, Wilmington, Del. Chlorination of rubber. 2,382,342; Aug. 14.

Spaulding, Ralph E., assignor to The Aetna Iron & Steel Company, Jacksonville, Fla. Structural member. 2,386,724; Oct. 9.

Spaulding, William R., Kansas City, Mo. Flasher system. 2,369,376; Feb. 13.

Speakman, John B., Far Headingley, Leeds, assignor to Cefoil Limited, Maidenhead, England. Manufacture of spun textile fibers. 2,371,717; Mar. 20.

Spear, Clifton T., Texarkana, Tex. Fish lure. 2,381,231; Aug. 7.

Spear's, Alden, Sons Co., The: *See*—
Thompson, Willis F., assignor.

Spearman, Lawrence A., Newberry, S. C. Athlete training apparatus. 2,390,336; Dec. 4.

Spears, Frank G. W.: *See*—
Lumb, C. F., and Spears.

Specht, Otto, Berlin-Spandau, Germany; vested in the Alien Property Custodian. Crankshaft for internal-combustion engines. 2,378,592; June 19.

Special Equipment Company: *See*—
Ewald, R. L., and Skog, assignors.

Specialized Engineering Company: *See*—
De Freitas, Joseph L., assignor.

Specialties Development Corporation: *See*—
Freygang, Walter H., assignor.
Grant, Harry C., Jr., assignor.
Grant, H. C., Jr., and Thomsen, assignors.
Helgis, Henry E., assignor.
Mapes, Daniel, assignor.

Specialty Equipment and Machinery Corp.: *See*—
Riboud, Jacques M. J., assignor.

Speck, Edward W., Cleveland, Ohio. Variable transmission. 2,377,385; June 5.

Speck, Walter R.: *See*—
Bartoe, W. F., and Speck.

Speck, William C., Lamesa, Tex. Cultivator attachment. 2,371,718; Mar. 20.

Spedding, Howard, assignor to Detroit Tap & Tool Company, Detroit, Mich. Checking machine. 2,368,579; Jan. 30.

Speed, Fletcher C., Kansas City, Mo., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Firearm extractor. 2,373,608; Apr. 10.

Speed-Jack Company: *See*—
Kershaw, Henry, assignor.

Speed Products Company: *See*—
Kipp, Calvin P.

Speer, Robert J.: *See*—
Nawiasky, P., and Speer.

Speeros, Basil S., Washington, D. C. International time designator. 2,369,760; Feb. 20.

Spelcher, John K., Newark, assignor to Hercules Powder Company, Wilmington, Del. Molding compositions. 2,389,940; Nov. 27.

Speight, Francis R., Dedham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Moccasin blank. 2,375,961; May 15.

Speight, Francis R., Dedham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Moccasin seam sewing machine. 2,387,813; Oct. 30.

Speiser, Ralph W., assignor to Toro Manufacturing Corporation of Minnesota, Minneapolis, Minn. Mower unit. 2,372,300; Mar. 27.

Spelker, Albert J., assignor to Atlas Electrotype & Stereotype Co., Toledo, Ohio. Printing plate manufacture. 2,388,878; Nov. 13.

Speller, Thomas H.: *See*—
Harvey, Frank M., assignor.

Speller, Thomas H., Williamsville, N. Y. Dimpling machine. 2,375,707; May 8.

Spence Engineering Company, Inc.: *See*—
Spence, Paulsen, assignor.

Spence, John: *See*—
Carroll, B. H., and Spence.

Spence, Le Roy U., Elkins Park, assignor to Röhm & Haas Company, Philadelphia, Pa. Manufacture of acrylonitrile from ethylene cyanohydrin. 2,374,051; Apr. 17.

Spence, Le Roy U., Elkins Park, assignor to Röhm & Haas Company, Philadelphia, Pa. Production of acrylonitrile. 2,385,549; Sept. 25.

Spence, Le Roy U., Elkins Park, assignor to Röhm & Haas Company, Philadelphia, Pa. Production of unsaturated nitriles. 2,385,550; Sept. 25.

Spence, Le Roy U., Elkins Park, and J. C. Mitchell, assignors to Röhm & Haas Company, Philadelphia, Pa. Producing acrylonitrile. 2,374,052. Apr. 17.

Spence, Le Roy U., Elkins Park, Pa., and F. O. Haas, Washington, D. C., assignors to Rohm & Haas Company, Philadelphia, Pa. Chlorination of aliphatic acids and esters. 2,379,759; July 3.

Spence, Le Roy U., Elkins Park, and C. H. McKeever, assignors to The Resinous Products & Chemical Company, Philadelphia, Pa. Raw material for resin synthesis. 2,381,855; Aug. 7.

Spence, Le Roy U., Elkins Park, D. J. Butterbaugh, Philadelphia, and E. H. Kroeker, Cheltenham, assignors to Röhm & Haas Company, Philadelphia, Pa. Preparation of acrylonitrile. 2,385,551; Sept. 25.

Spence, Le Roy U., Elkins Park, and F. O. Haas, Villanova, assignors to Röhm & Haas Company, Philadelphia, Pa. Dehydrogenation of aliphatic nitriles. 2,385,552; Sept. 25.

Spence, Neville S., Toronto, Ontario, Canada, assignor to International Nickel Company, Inc., New York, N. Y. Casting metal. 2,376,518; May 22.

Spence, Paulsen, East Orange, N. J., assignor to Spence Engineering Company, Inc., Walden, N. Y. Safety device for reducing valves. 2,370,110; Feb. 20.

Spencer Aircraft Motors, Inc.: *See*—
Spencer, Louis R., assignor.

Spencer, Basil G., London, England, assignor to Bigelow-Liptak Corporation, Detroit, Mich. Stabilizing double-wall constructions. 2,377,528; June 5.

Spencer, Dorsey, et al.: *See*—
Globus, Alfred R., assignor.

Spencer, Fred B., Los Angeles, Calif., assignor to American Telephone and Telegraph Company. Line usage recorder circuit. 2,383,826; Aug. 28.

Spencer, H. Dorsey: *See*—
Roberts, John A., assignor.

Spencer, H. Dorsey, et al.: *See*—
Albertson, Benjamin S., Jr., assignor.
Ramsay, Marcus, assignor.

Spencer, Harry H., Springfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Power plant. 2,386,638; Oct. 9.

Spencer, James A., Teaneck, N. J., assignor to Radio Corporation of America. Polar relay storage system. 2,389,694; Nov. 27.

Spencer, James A., Teaneck, N. J., and L. F. Reinhold, Staten Island, N. Y., assignors to Radio Corporation of America. Printing telegraph receiver. 2,375,828; May 15.

Spencer, John A., Newtonville, assignor to Raytheon Manufacturing Company, Newton, Mass. Forming shoulders on conducting members. 2,366,756; Jan. 9.

Spencer, John A., Newtonville, assignor to Raytheon Manufacturing Company, Newton, Mass. Fastening metal members to insulation. 2,376,397; May 22.

Spencer, Lee, Jamaica, N. Y. Pressure limiting washer assembly. 2,369,865; Feb. 20.

Spencer Lens Company: *See*—
Osterberg, Harold, assignor.
Peck, William F., assignor.

Spencer, Lester F.: *See*—
Abbott, A. L., Spencer, and Lichtenstein.

Spencer, Louis R., West Hartford, assignor to Spencer Aircraft Motors, Inc., Hartford, Conn. Valve actuating mechanism. 2,385,309; Sept. 18.

Spencer, Percy L., West Newton, assignor, by mesne assignments, to Raytheon Manufacturing Company, Newton, Mass. Nonmicrophonic tube. 2,366,220; Jan. 2.

Spencer, Percy L., West Newton, assignor to Raytheon Manufacturing Company, Newton, Mass. Device for producing successive electrical impulses. 2,375,830; May 15.

Spencer, Percy L., West Newton, assignor to Raytheon Manufacturing Company, Newton, Mass. Ignition tube timing arrangement. 2,379,462; July 3.

Spencer, Percy L., West Newton, assignor to Raytheon Manufacturing Company, Newton, Mass. Forming seals. 2,386,820; Oct. 16.

Spencer, Virgil, East Petersburg, assignor to Armstrong Cork Company, Lancaster, Pa. Making variegated hard surface coverings. 2,389,866; Feb. 20.

Spencer, Virgil, East Petersburg, assignor to Armstrong Cork Company, Lancaster, Pa. Manufacturing linoleum compositions. 2,371,074; Mar. 6.

Spengler, Walter J., Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Ignition apparatus. 2,373,981; Apr. 17.

Spengler, Walter J., Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Coupling means. 2,391,525; Dec. 25.

Sperlich, Herman A.: *See*—
Happe, Arthur H., assignor.

Sperling, Curren C.: *See*—
Dorsett, W. C., Sperling, and Walker.

Sperry, Arthur B., Watertown, N. Nasar, Newton, and W. C. Erwin, assignors to Waltham Watch Company, Waltham, Mass. Electric clock. 2,377,276; May 29.

Sperry, Elmer A., Jr., New York, and J. D. Peace, Jr., Malba, N. Y., assignors to Sperry Products, Inc., Hoboken, N. J. Torpedo director. 2,391,356; Dec. 18.

Sperry, Elmer A., Jr., New York, N. Y., and C. B. Roede, Ridgefield, assignors to Sperry Products, Inc., Hoboken, N. J. Torpedo director. 2,391,357; Dec. 18.

Sperry Gyroscope Company, Inc.: *See*—
Bates, Mortimer F., assignor.
Beach, Lennox F., assignor.
Beach, L. F., Esval, and Lane, assignors.
Bonell, Ralph K., assignor.
Braddon, Frederick D., assignor.
Braddon, F. D., and Carter, assignors.
Browder, J. E., and Moseley, assignors.
Carlson, Bert G., assignor.
Carter, Leslie F., assignor.
Carter, L. F., and Braddon, assignors.
Chafee, Earl W., assignor.
Chafee, E. W., and Van Auken, assignors.
Chafee, E. W., and Wittkuhns, assignors.
Cooke, W. T., and Schussman, assignors.
Curry, Robert S., Jr.
Curry, Robert S., Jr., assignor.
Dawson, Edward, assignor.
Depp, Marlin C., assignor.
Esval, O. E., Curry, Fragola, and Beach, assignors.
Esval, O. E., and Wrigley, assignors.
Fragola, C. F., Depp, and Curry, assignors.
Frische, C. A., and Hanson, assignors.
Ginzton, E. L., and Hansen, assignors.
Hammond, E. B., and Campbell, assignors.
Haskins, Robert, Jr., assignor.
Haskins, R., Jr., Esval, and Curry, assignors.
Kellogg, Spencer, 2d, assignor.
Kenyon, Theodore W., assignor.
Lane, A. W., and Curry, assignors.
Leeds, Benjamin L., assignor.
Moseley, Francis L., assignor.
Mums, J. R., Wilson, and Haskins, assignors.
Myers, Shirfield G., assignor.
Nisbet, R. H., and Harding, assignors.
Norden, E., Gemmill, and Isbister, assignors.
Nelson, Morris, assignor.
Riggs, Alger S., assignor.
Riggs, A. S., and Thompson, assignors.
Saul, G. C., Harding, and Nisbet, assignors.
Sensiper, S., and Andrews, assignors.

Sperry Gyroscope Company, Inc.: *See*—Continued
Shepherd, James E., assignor.
Tawney, Gerald L., assignor.
Vielehr, O. A., Umsted, and Good, assignors.
Wilson, Elwood J., Jr., assignor.
Wittkuhns, Bruno A., assignor.

Sperry Gyroscope Company, Limited: *See*—
Glenny, Arthur P., assignor.

Sperry, Helen B., executrix: *See*—
Sperry, P. F., and Briskin, P. F. and J.
Sperry, Philmore F.

Sperry, Herbert O., Drexel Hill, Pa. Simultaneously mounting and contour-cutting printed or lithographed sheets and machine therefor. 2,375,330; May 8.

Sperry, John B., Aurora, Ill., assignor to The American Well Works. Floating grease seal. 2,379,547; July 3.

Sperry, Philmore F., deceased, by H. B. Sperry, Chicago, Ill., executrix, assignor, by meane assignments, to T. H., P. F., and J. Briskin. Rewinding mechanism for cameras. 2,374,509; Apr. 24.

Sperry, Philmore F., and P. F. and J. Briskin, Chicago, Ill.: H. B. Sperry, executrix of the estate of said Sperry, deceased, said executrix assignor, by meane assignments, to T. H., P. F., and J. Briskin. Adjustable view finder for cameras. 2,377,821; June 5.

Sperry Products, Inc.: *See*—
De Lanty, L. J., and Williams, assignors.
Drake, Harcourt C., assignor.
Haight, Norman L., assignor.
Sperry, E. A., Jr., and Peace, assignors.
Sperry, E. A., Jr., and Roede, assignors.

Sperry, Russell L.: *See*—
Thurston, J. T., and Sperry.

Sperry, Russell L., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparation of alkali - metal ω - cyanoguanidodithiocarbonates. 2,368,894; Feb. 6.

Sperry, Russell L., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Dithiobiuret and preparation. 2,371,112; Mar. 6.

Sperry, Russell L., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparing monothiobiuret. 2,371,113; Mar. 6.

Sperry, Russell L., Stamford, and E. O. Hook, Cos Cob, Conn., assignors to American Cyanamid Company, New York, N. Y. Production of biguanides. 2,371,111; Mar. 6.

Sperry-Sun Well Surveying Company: *See*—
Millington, John W., assignor.

Sperti, George, Covington, Ky., assignor to Science Laboratories, Inc., Norwood, Ohio. Irradiation process and means. 2,384,203; Sept. 4.

Sperti, George S., Covington, Ky., assignor, by mesne assignments, to The Institutum Divi Thomae Foundation, Cincinnati, Ohio. High pressure enclosed arc device. 2,369,987; Feb. 20.

Spertus, Maurice, Winnetka, assignor to Spertus Processes, Inc., Chicago, Ill. Making artificial fibers. 2,371,075; Mar. 6.

Spertus Processes, Inc.: *See*—
Spertus, Maurice, assignor.

Sperzel, Robert H., New Haven, assignor to The Whitney Blake Company, Hamden, Conn. Knitting machine attachment. 2,368,686; Feb. 6.

Speth, Lloyd G., assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Rivet feeding device. 2,373,509; Apr. 10.

Spher, Clark H., San Francisco, assignor to Heintz & Kaufman, Ltd., South San Francisco, Calif. Electron discharge tube. 2,376,288; May 15.

Spialter, Leonard: *See*—
Rust, J. B., and Spialter.

Spicer, Alvin W., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Riveted structure. 2,383,623; Aug. 28.

Spicer Manufacturing Corporation: *See*—
Barth, E. J., and Zingsheim, assignors.
Peterson, C. D., and Deimel, assignors.

Spicer, Theodore S., and C. C. Wright, State College, assignors to Pennsylvania Bituminous Coal Research, Inc., Altoona, Pa. Underfeed stoker and its operation. 2,378,805; June 19.

Spicer, William E., and R. N. Watts, Baton Rouge, La., assignors to Standard Oil Development Company. Preparing catalyst. 2,391,358; Dec. 18.

Spickelmier, Ernest, J. Long, O. O. McKinley, and L. Day, assignors to Spickelmier Fuel and Supply Company, Indianapolis, Ind. Storm sash construction. 2,379,111; June 26.

Spickelmier Fuel and Supply Company: *See*—
Spickelmier, E., Long, McKinley, and Day.

Spiegel, George W., and R. H. Morris, Clintonville, Wis. Towel rack. 2,374,787; May 1.

Spiegel, Jacob, Philadelphia, Pa. Landing stabilizer for aircraft. 2,385,850; Oct. 2.

Spiegel, Philip, Bronx, N. Y. Crane and the like load lifting apparatus. 2,368,268; Jan. 30.

Spiegel, Philip, Bronx, N. Y. Rail extractor. 2,368,269; Jan. 30.

Spiegl, Ellis H., Salinas, Calif. Vegetable harvester. 2,368,895; Feb. 6.

Spiegl, Ellis H., Salinas, Calif. Tractor conveyer. 2,374,903; May 1.

Spiegler, John J., Newark, N. J. Producing a detergent composition. 2,367,971; Jan. 23.
Spiers, Henry M., assignor to Woodall-Duckham (1920) Limited, Guildford, England. Purification of hydrocarbons by azeotropic distillation. 2,386,755; Oct. 16.
Spies, Leonhard: *See*—
Müller, W., and Spies.
Spieth, Harry E., Portland, Oreg. Flame hardening head. 2,2,367,898; Jan. 23.
Spieth, William O., Cleveland Heights, Ohio. Reflector. 2,367,067; Jan. 9.
Spigelsky, William S., Monessen, Pa. Gun aligning device. 2,381,010; Aug. 7.
"Spiku"-Trust: *See*—
Suter, Alexander, assignor.
Spillane, James, Los Angeles, Calif. Fire extinguisher. 2,371,364; Mar. 13.
Spiller, George, assignor to Hercules Powder Company, Wilmington, Del. Chewing gum material. 2,367,380; Jan. 16.
Spiller, George, assignor to Hercules Powder Company, Wilmington, Del. Producing pentaerythritol. 2,373,717; Apr. 17.
Spiller, George, assignor to Hercules Powder Company, Wilmington, Del. Resin. 2,383,624; Aug. 28.
Spiller, William R., Dayton, Ohio, and H. W. Alden and R. K. Super, assignors to The Timken-Detroit Axle Company, Detroit, Mich. Brake mechanism. Re. 22,586; Jan. 2.
Spiller, William R., and R. J. Niederhauser, Dayton, assignors to Harris-Seybold-Potter Company, Cleveland, Ohio. Stitching machine. 2,391,488; Dec. 25.
Spillers Limited: *See*—
Evans, Cyril H., assignor.
Spillman, Gordon C., Roselle, N. J., assignor to Western Electric Company, Incorporated. Strand handling apparatus. 2,382,922; Aug. 14.
Spind, Anthony, Brooklyn, N. Y. Crystal grinding device. 2,372,688; Apr. 3.
Spina, Joseph: *See*—
Kurtz, J., Waldie, and Spina.
Spingler, Harry, assignor of twenty-five per cent to R. H. Spingler, Brooklyn, N. Y. Vapor treatment device. 2,384,142; Sept. 4.
Spingler, Harry, assignor of twenty-five per cent to R. H. Spingler, Brooklyn, N. Y. Automobile tire shield. 2,387,188; Oct. 16.
Spingler, Richard H.: *See*—
Spingler, Harry, assignor.
Spinner, Isidore: *See*—
Thoele, Lawrence J., assignor.
Spiral Binding Company, Inc.: *See*—
Freundlich, Albert, assignor.
Spiral Brushes, Incorporated: *See*—
Wesemeyer, Dietrich F. O., assignor.
Spisak, John A., East Pittsburgh, Pa. Hoisting able attachment. 2,368,171; Jan. 30.
Spiselman, Joseph W., Brooklyn, assignor to Research Corporation, New York, N. Y. Concentration of hygroscopic solutions. 2,367,695; Jan. 23.
Spittler, George, Wyandotte, Mich. Aircraft. 2,386,915; Oct. 16.
Spitz, Henry: *See*—
Bolten, J., and Spitz.
Spitzer, Edwin E., West Caldwell, N. J., assignor to Radio Corporation of America. High-frequency oscillator system. 2,377,456; June 5.
Spitzka, Bruno J., assignor to Comfort Products Corporation, Harvey, Ill. Air conditioning. 2,387,473; Oct. 23.
Spivak, Donald H., Summit, N. J., assignor to Congoleum-Nairn Inc., New York, N. Y. Covering structure. 2,367,536; Jan. 16.
Spivey, Frank L., deceased, assignor of one-half to E. C. Overall, San Antonio, Tex.; H. F. Spivey, administratrix. Poultry and live stock feeder. 2,386,010; Oct. 2.
Spivey, Hazel F., administratrix: *See*—
Spivey, Frank L.
Splaine, Edward M.: *See*—
Bernheim, D. P., Splaine, Lehmberg, Lown, and Baratelli.
Cozzens, C. O., and Splaine.
Splaine, Edward M., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 2,381,011; Aug. 7.
Splaine, Edward M., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 2,383,021; Aug. 21.
Splaine, Edward M., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting and making and adjusting the same. 2,388,191; Oct. 30.
Splaine, Edward M., and L. A. Severy, assignors to American Optical Company, Southbridge, Mass. Lens mounting. 2,383,572; Aug. 28.
Spokes, Ray E.: *See*—
Hart, C. S., and Spokes.
Spokus, Albin J., Seattle, Wash. Flower holder. 2,387,474; Oct. 23.
Sponsler, Charles F., Philadelphia, Pa. Shock absorbing device. 2,387,689; Oct. 23.
Spotts, Daniel G.: *See*—
Furnas, W. G., and Spotts.
Spotts, Chester A., Lachute, Quebec, Canada. Method and machine for making capsules particularly gelatin capsules. 2,390,337; Dec. 4.
Spraberry, Beauron D., Knoxville, Tenn. Calculator. 2,377,977; June 12.
Sprague, Chester E. and N. M., Portland, Oreg. Reversing split-phase motor. 2,382,827; Aug. 14.
Sprague Electric Company: *See*—
Burnham, J., and Hyde, assignors.
Nazzewski, Mathew, assignor.
Robinson, Preston, assignor.
Sprague, Nelson M.: *See*—
Sprague, Chester E. and N. M.
Sprague, Philip T., Long Beach, assignor to The Hays Corporation, Michigan City, Ind. Liquid level follow-up device. 2,382,516; Aug. 14.
Sprague, Robert M., Manhasset, N. Y., assignor to Press Wireless, Inc., Chicago, Ill. Signal transmission system. 2,372,344; Mar. 27.
Sprague, Robert M., Hicksville, N. Y., assignor to Press Wireless, Inc., Chicago, Ill. Signal receiving and reproducing system. 2,378,373; June 12.
Sprague, Robert M., Hicksville, N. Y., assignor to Press Wireless, Inc., Chicago, Ill. Antenna system. 2,379,260; June 26.
Sprague, Robert M., Manhasset, and E. G. Fraim, Hicksville, N. Y., assignors to Press Wireless, Inc., Chicago, Ill. Radio transmission system. 2,387,098; Oct. 16.
Sprague Specialties Company: *See*—
Hyde, James L., assignor.
Sprague, Vinton G., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Selector switch. 2,391,276; Dec. 18.
Sprake, Tyler W., assignor to Webster-Brinkley Co., Seattle, Wash. Variable-delivery pump. 2,369,867; Feb. 20.
Sprake, Tyler W., assignor to Webster-Brinkley Co., Seattle, Wash. Clutch mechanism. 2,379,320; June 26.
Sprang, Cornelius A.: *See*—
Myers, L. D., and Sprang.
Spray Process Co., Inc.: *See*—
Vose, Edwin W., assignor.
Spray Wax Sales Co.: *See*—
Clinton, Charles H., assignor.
Sprecker, Alfred L., Freeport, assignor to International Business Machines Corporation, New York, N. Y. Time system. 2,379,836; July 3.
Spreckles, J. D. & A. B., Company: See—
Schweiger, Mitchell F., assignor.
Spring-Air Company: *See*—
Pabst, Edwin L., assignor.
Springer, Hazen F.: *See*—
Phillips, H. B., and Springer.
Sproat, Ira E., Westport, Conn., assignor to R. T. Vanderbilt Co., Inc., New York, N. Y. Ceramic bodies. 2,380,198; July 10.
Sprouse, Ada, et al.: *See*—
Morris, John Y., assignor.
Sprouse, V. E., Company: *See*—
Morris, John Y.
Sprouse, Verner E., et al.: *See*—
Morris, John Y., assignor.
Sprouse, Verner E., Columbus, Ind. Hose clamp. Re. 22,601; Feb. 13.
Sprouse, Verner E., Columbus, Ind. Hose clamp. 2,374,141; Apr. 21.
Sprung, Murray M., Scotia, N. Y., assignor to General Electric Company. Preparing silicone resins. 2,383,827; Aug. 28.
Sprung, Murray M., Scotia, and W. F. Gilliam, Schenectady, N. Y., assignors to General Electric Company. Organosilicon halides. 2,380,998; Aug. 7.
Sprung, Murray M., Scotia, and W. F. Gilliam, Schenectady, N. Y., assignors to General Electric Company. Preparation of organosilicon halides. 2,380,999; Aug. 7.
Spurlin, Harold M., assignor to Hercules Powder Company, Wilmington, Del. Producing pentaerythritol. 2,369,083; Feb. 6.
Spurlin, Harold M., Marshallton, assignor to Hercules Powder Company, Wilmington, Del. Making terpene polymers. 2,391,359; Dec. 18.
Spurlino, Pascal, E. H. Placke, W. E. Eickman, and A. G. Kramer, assignors to The National Cash Register Company, Dayton, Ohio. Accounting machine. 2,373,510; Apr. 10.
Spurlino, Pascal, W. M. Carroll, A. R. Colley, and A. G. Kibler, assignors to The National Cash Register Company, Dayton, Ohio. Accounting machine. 2,375,594; May 8.
Spurlino, Pascal, A. R. Colley, L. N. Lehman, and F. Gantner, assignors to The National Cash Register Company, Dayton, Ohio. Cash register. 2,386,364; Oct. 9.
Spurlino, Pascal, and K. Rauch, assignors to The National Cash Register Company, Dayton, Ohio. Accounting machine. 2,390,396; Dec. 4.
Spurlock, James J., Denton, Tex. 5-substituted-5-(2-thienyl) hydantoins. 2,366,221; Jan. 2.
Spurr, Robert, Detroit, Mich., assignor to The American Paper Bottle Company, Toledo, Ohio. Container fabricating machine. 2,370,757; Mar. 6.
Square D Company: *See*—
Maseng, Olav, assignor.
Schaefer, Carl A., assignor.
Van Valkenburg, Hermon L., assignor
Woods, William H., assignor.
Zeller, Josef J., assignor.

Squibb, E. R., & Sons: *See*—
Braker, W., and Pribyl, assignors.
Bunney, W. E., and Koerber, assignors.
Fernholz, Erhard, assignor.
Gerlough, Tillman D., assignor.
Raigh, William L., assignor.
Van Dyke, H. B., Greep, and Chow, assignors.
Squire, Edmund M., Brooklyn, N. Y. Coin-operated voice recording machine. 2,379,548; July 3.
Squires, Maurine: *See*—
Hacmac, Edward R., assignor.
Squyres, Arthur: *See*—
Roberts, Pearlie B., assignor.
Sribike, Mary A.: *See*—
McClure, Charles A., assignor.
Stacey Brothers Gas Construction Company, The: *See*—
Gruening, William E., assignor.
Liese, H. H., and Brinkman, assignors.
Stacey, Ernest W., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Waste-collecting system for rotary cutters. 2,371,321; Mar. 13.
Stackpole Carbon Company: *See*—
Kiefer, E. F., and Kreilner, assignors.
Reiff, Vincent N., assignor.
Shobert, Erle L. II, assignor.
Shobert, E. L. II, Diehl, and Schutz, assignors.
Stacom, Matthew J., Flushing, assignor to Stacom Process Corporation, Long Island City, N. Y. Disintegrating cellulose-containing structures. 2,374,046; Apr. 17.
Stacom, Matthew J., Flushing, assignor to Stacom Process Corporation, Long Island City, N. Y. Preparation of nutritional and therapeutic concentrates. 2,374,047; Apr. 17.
Stacom Process Corporation: *See*—
Stacom, Matthew J., assignor.
Stacy, Robert G.: *See*—
Gaensslc, P. W., and Stacy.
Stacy, Thomas F., assignor to The French Oil Mill Machinery Company, Piqua, Ohio. Control for fluid operated motors. 2,367,241; Jan. 16.
Stacy, Thomas F., assignor to The French Oil Mill Machinery Company, Piqua, Ohio. Molding press. 2,367,242; Jan. 16.
Stacy, Thomas F., assignor to The French Oil Mill Machinery Company, Piqua, Ohio. Valve control for presses and the like. 2,376,519; May 22.
Stacy, Thomas F., assignor to The French Oil Mill Machinery Company, Piqua, Ohio. Hydraulic motor. 2,389,169; Nov. 20.
Stadelmann, Fritz: *See*—
Klingberg, E. G., Stadelmann, and Freund.
Stadler, Frank J., New York, N. Y. Dental x-ray film identifier. 2,390,397; Dec. 4.
Stadum, Clarence B.: *See*—
Smith, C. E., and Stadum.
Staehle, Henry C.: *See*—
Jelley, E. E., and Staehle.
Staehle, Henry C., E. E. Jelley, and D. E. Bennett, Jr., assignors to Eastman Kodak Company, Rochester, N. Y. Projection screen. 2,378,252; June 12.
Staelin, Carl G., Ottawa Hills, assignor to Owens-Corning Fiberglas Corporation. Apparatus for applying mats to battery plates. 2,373,082; Apr. 3.
Staff, Charles E.: *See*—
Stoops, W. N., Staff, and Wakefield.
Staff, Olof, Princess Bay, N. Y. Pipe clamping device. 2,388,371; Nov. 6.
Stafford, Charles E., Mira Loma, Calif. Container-opening tool. 2,389,648; Nov. 27.
Stafford, Jean C., Dayton, Ohio. High speed grinding spindle. 2,386,639; Oct. 9.
Stagmeier, Arthur F., Upper Montclair, N. J., assignor to General Foods Corporation, New York, N. Y. Container. 2,379,043; June 26.
Staheli, Paul, Arvida, Quebec, Canada. Apparatus for installing and removing electric-power lines. 2,374,048; Apr. 17.
Stahl, Albert L., Cupertino, Calif. Grabhook. 2,366,157; Jan. 2.
Stahl, Donald R., assignor to Metal Specialties Co., Inc., Milwaukee, Wis., Fuel stoker. 2,388,805; Nov. 13.
Stahl, Maurice D., assignor to The Hoover Company, North Canton, Ohio. Refrigeration drive. 2,373,609; Apr. 10.
Stahl, William F.: *See*—
Jamison, Everett S., assignor.
Stahl, William F., et al.: *See*—
Walliser, Robert E., assignor.
Stahl, William F., Evanston, Ill. Method and apparatus for forming bobbins and the like. 2,375,704; May 8.
Stahley, Eldon E., Baton Rouge, La., assignor, by mesne assignments, to Jasco, Incorporated. Refining process. 2,388,095; Oct. 30.
Stahley, Grant L., Columbus, Ohio, and W. W. Carlson, Pittsburgh, Pa., assignors to Chemical Developments Corporation, Dayton, Ohio. Soluble benzyl ether of dextran. 2,385,553; Sept. 25.
Stahly, Eldon E.: *See*—
Munday, J. C., and Stahly.
Voorhies, A., Jr., and Stahly.
Stahly, Eldon E., Pittsburgh, Pa., assignor to Standard Oil Development Company. Production of ethyl benzene. 2,373,062; Apr. 3.
Stahly, Eldon E., Pittsburgh, Pa., and L. E. Pirkle, Baton Rouge, La., assignors to Standard Oil Development Company. Isomerization of hydrocarbons. 2,373,063; Apr. 3.
Stahly, Eldon E., Pittsburgh, Pa., and F. B. Johnson, Baton Rouge, La., assignors to Standard Oil Development Company. Hydrocarbon polymerization process. 2,385,237; Sept. 18.
Stahly, Grant L., Columbus, Ohio, and W. W. Carlson, Pittsburgh, Pa., assignors to Chemical Developments Corporation, Dayton, Ohio. Soluble benzyl ether of dextran. 2,380,879; July 31.
Stahmer, Bernhardt, Omaha, Nebr. Control system. 2,379,837; July 3.
Staid, Irving J., Medford, and J. E. Murphy, Everett, Mass., assignors to Standard Oil Development Company. Refining of mineral oils. 2,370,819; Mar. 6.
Stair, Carlyle B., Downers Grove, Ill. Pneumatic hammer. 2,372,029; Mar. 20.
Staley, A. E., Manufacturing Company: *See*—
Meyer, Walter G., assignor.
Treadway, Robert H., assignor.
Staley, Allen C., Birmingham, assignor to Chrysler Corporation, Highland Park, Mich. Instrument for indicating pressures suited to various speeds. 2,389,281; Nov. 20.
Staley, Jackson W.: *See*—
Hooker, C. L., Jr., and Staley, assignors.
Staley, Russell U., Portland, Oreg. Mailbox. 2,367,696; Jan. 23.
Staley, Samuel S., Jr., Honolulu, Hawaii. Shingle. 2,373,718; Apr. 17.
Stalin, Harold, et al.: *See*—
Flynn, Thomas W., assignor.
Stalker, Edward A., Ann Arbor, assignor to The Dow Chemical Company, Midland, Mich. Rotary wing aircraft. 2,372,030; Mar. 20.
Stalker, Edward A., Ann Arbor, assignor to The Dow Chemical Company, Midland, Mich. Aircraft. 2,372,301; Mar. 27.
Stalker, Edward A., Ann Arbor, assignor to The Dow Chemical Company, Midland, Mich. Aircraft. 2,377,386; June 5.
Stalker, Edward A., Ann Arbor, assignor to The Dow Chemical Company, Midland, Mich. Aircraft. 2,377,457; June 5.
Stalker, Edward A., Bay City, assignor to The Dow Chemical Company, Midland, Mich. Aircraft power plant. 2,382,343; Aug. 14.
Stalker, Edward A., Bay City, assignor to The Dow Chemical Company, Midland, Mich. Aircraft. 2,386,987; Oct. 16.
Stalker, Edward A., Ann Arbor, Mich. Aircraft. 2,388,806; Nov. 13.
Stalker, Edward A., Ann Arbor, Mich. Rotary wing aircraft. 2,389,170; Nov. 20.
Stalker, Edward A., Bay City, Mich. Torque converter. 2,389,826; Nov. 27.
Stalker, Tracy L., Flint, assignor to General Motors Corporation, Detroit, Mich. Chuck for small drills. 2,369,321; Feb. 13.
Stalkup, Alfred R., Coquille, Oreg. Electrode holder. 2,377,458; June 5.
Stallings, James W., Haddon Heights, N. J., assignor to Rohm & Haas Company, Philadelphia, Pa. Increasing the transparency of fabrics containing filament yarns. 2,368,948; Feb. 6.
Stallings, James W., Haddon Heights, N. J., assignor to Röhm & Haas Company, Philadelphia, Pa. Treatment of cellulosic fibers. 2,390,032; Nov. 27.
Stallings, James W., Haddon Heights, N. J., assignor to Röhm & Haas Company, Philadelphia, Pa. Fabric fire hose. 2,390,033; Nov. 27.
Stallmann, Frederick W., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Pump. 2,390,814; Dec. 11.
Stam, Orville, assignor to Stam-O-Lite, Inc., Chicago, Ill. Signal light. 2,367,444; Jan. 16.
Staman, Robert K.: *See*—
Kress, O., Zeitlin, and Staman.
Stamberger, Paul, Philadelphia, Pa. Concentrating colloidal dispersions. 2,375,957; May 15.
Stamberger, Paul, Dover, Del. Production of water dispersions of drying oils, varnishes and lacquers. 2,391,041; Dec. 18.
Stamberger, Paul, Dover, Del. Production of solidifying thickened and solid masses from esters of unsaturated fatty acids. 2,391,042; Dec. 18.
Stamford Rubber Supply Company, The: *See*—
Posnansky, Karl W., assignor.
Stamm, Alfred J., and H. D. Turner, Madison, Wis., assignors to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successor in office. Molding. 2,391,489; Dec. 25.
Stamm, John J., Chester Heights, Pa., assignor to The Baldwin Locomotive Works. Variable speed control system. 2,371,555; Mar. 13.
Stamm, William G., Yonkers, N. Y. Boot or shoe hanger. 2,376,097; May 15.
Stam-O-Lite, Inc.: *See*—
Stam, Orville, assignor.
Stampen, Jacob J.: *See*—
Babson, H. B., and Stampen.

Stampleman, Samuel C., Cohasset, assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor blade. 2,384,051; Sept. 4.

Standard Aircraft Products, Inc.: *See*—
Blair, Emile, assignor.

Standard Alcohol Company: *See*—
Donlan, Theodore R., assignor.

Standard Bleachery and Printing Company, The: *See*—
Brubaker, Carl H., assignor.

Standard Brands Incorporated: *See*—
Baxter, Thomas R., assignor.
Braun, G., and Breivik, assignors.
Breilich, J., and Frey, assignors.
Redfern, Sutton, assignor.
Schultz, A. S., Atkin, and Frey, assignors.
Stokes, W. E., and Barch, assignors.
Strandberg, Ray U., assignor.

Standard Cap & Seal Corporation: *See*—
Irwin, Oliver C., assignor.

Standard Catalytic Company: *See*—
Barr, Frank T., assignor.
Cloud, Gould H., assignor.
Holmes, August, assignor.
Holmes, A., and Roediger, assignors.
Lieber, E., and Hodges, assignors.
Linn, Norman F., assignor.
Murphree, E. V., Voorhies, Bonnell, and Tregre, assignors.
Voorhies, A., Jr., and Stahly, assignors.

Standard Conveyor Company: *See*—
Eggleston, Smith, assignor.

Standard-Knapp Corporation: *See*—
Ardell, Edgar, assignor.
Kimball, W. D., and Ardell, assignors.

Standard Machinery Company: *See*—
Grosser, Christian E., assignor.

Standard Oil Company: *See*—
Adams, C. E., and Shoemaker, assignors.
Arveson, Maurice H., assignor.
Brown, Henry T., assignor.
Burk, R. E., and Hughes, assignors.
Carmody, Don R., assignor.
Carmody, D. R., and Shoemaker, assignors.
Dickinson, J. T., Morfit, and Van Orden, assignors.
D'Ouville, E. L., and Everying, assignors.
Fragen, Nathan, assignor.
Gaynor, J. W., White, and Watson, assignors.
Gunness, Robert C., assignor.
Heard, Llewellyn, assignor.
Heard, L., Shankland, and Baille, assignors.
Hilliker, William P., assignor.
Johnson, Everett A., assignor.
Kubicek, N. F., and Carpenter, assignors.
Lamb, George G., assignor.
Mixon, Lawson W., and Loane, assignors.
Oblad, A. G., and Heard, assignors.
Payne, Donald E., assignor.
Pitzer, Edgar C., assignor.
Proell, Wayne A., assignor.
Shoemaker, B. H., and D'Ouville, assignors.
Snugge, John F., assignor.
Voorhees, Vanderveer, assignor.
Voorhees, V., and Watts, assignors.
Wallace, J. S., and Sharp, assignors.

Standard Oil Company et al.: *See*—
Becker, Sam B., assignor.

Standard Oil Company of California: *See*—
Elliott, Laverne P., assignor.
Farrington, Bruce B., assignor.
Neely, G. L., and Kavanagh, assignors.

Standard Oil Company, The: *See*—
Adams, Chester E., assignor.
Adams, E. W., and Flint, assignors.
Adams, E. W., and MacLaren, assignors.
Anderson, John A., assignor.
Arveson, Maurice H., assignor.
Baillie, James C., assignor.
Baillie, J. C., and See, assignors.
Becker, S. B., and Arveson, assignors.
Burk, Robert E., assignor.
Burk, R. E., and Hughes, assignors.
Burk, R. E., and Lankelma, assignors.
Carpenter, M. T., and Feuchter, assignors.
Conn, Arthur L., assignor.
Cornforth, Robert M., assignor.
Dickinson, J. T., Wickham, and Morfit, assignors.
D'Ouville, E. L., and Evering, assignors.
D'Ouville, E. L., and Oblad, assignors.
Edmister, Wayne C., assignor.
Gray, Worth, assignor.
Grubb, Henry M. and Tucker, assignors.
Gunness, Robert C., assignor.
Hemminger, Charles E., assignor.
Hughes, Everett C., assignor.
Hughes, E. C., and Scovill, assignors.
Jaeger, Robert W., assignor.
Jahn, F. P., and Oblad, assignors.
Johnson, Everett A., assignor.
Layng, E. T., and Payne, assignors.
Loane, Clarence M., assignor.
Mixon, Lawson W., assignor.
Mixon, L. W., and Loane, assignors.
Monro, Donald A., assignor.

Standard Oil Company, The: *See*—Continued
Musselman, John M., assignor.
Nysewander, C. W., and Fragen, assignors.
Page, James M., Jr., assignor.
Oblad, Alex G., assignor.
Peterson, H. R., and MacLaren, assignors.
Proell, W. A., and Ovitz, assignors.
Rhodes, H. D., and Watson, assignors.
Sharp, Thomas E., assignor.
Shoemaker, Bernhard H., assignor.
Shoemaker, B. H., and D'Ouville, assignors.
Sutton, M., and Nysewander, assignors.
Voorhees, Vanderveer, assignor.
Voorhees, V., and Webb, assignors.
Watts, George W., assignor.
Weitkamp, Alfred W., assignor.

Standard Oil Development Company: *See*—
Anderson, James A., Jr., assignor.
Arundale, Erving, assignor.
Arundale, E., and Mikeska, assignors.
Atkins, George T., Jr., assignor.
Baldeschwieler, E. L., and Gaylor, assignors.
Beerbower, A., and Zimmer, assignors.
Blaikin, Sam L., assignor.
Blanding, Forrest H., assignor.
Bowerman, Ernest W., assignor.
Buc, Hyym E., assignor.
Buc, H. E., and Muessig, assignors.
Buchan, R. C., and McGee, assignors.
Burk, R. E., and Walsh, assignors.
Byrd, Edwin E., assignor.
Campbell, Donald L., assignor.
Campbell, D. L., and Martin, assignors.
Carlsmith, L. E., and Ogorzaly, assignors.
Cato, A. Q., Wash, and Shmidl, assignors.
Cohen, Charles A., assignor.
Connolly, Gerald C., assignor.
Darley, Ralph E., assignor.
Dawson, Oliver H., assignor.
Dawson, Oliver H. P., assignor.
Dill, Gilbert D., assignor.
Dismukes, Newton B., assignor.
Donahue, John E., assignor.
Donlan, Theodore R., assignor.
Donlan, T. R., and Gathman, assignors.
Dresser, Myron A., assignor.
Duncan, Gordon W., assignor.
Eby, Lawrence T., assignor.
Eckel, John E., assignor.
Ellis, Carleton, assignor.
Evans, H. C., and Young, assignors.
Fasce, Egi V., assignor.
Ferguson, Frank A., assignor.
Fischer, Herbert G. M., assignor.
Floyd, C. M., and Fram, assignors.
Frosch, Alex, assignor.
Fulton, S. C., and Cross, assignors.
Fulton, S. C., and Kearby, assignors.
Gaylor, Peter J., assignor.
Gilbert, George R., assignor.
Gleason, Anthony H., assignor.
Gleason, A. H., and Sparks, assignors.
Gray, George R., assignor.
Guichet, Jules J., assignor.
Guyer, Walter R. F., assignor.
Gwin, Gilmore T., assignor.
Hall, Homer J., assignor.
Hall, Ike D., assignor.
Harding, Clarke T., assignor.
Harrington, Paul J., assignor.
Haynes, Cecil J., assignor.
Hederhorst, Fred, assignor.
Heigl, John J., assignor.
Hemminger, Charles E., assignor.
Hewlett, A. P., and Phillips, assignors.
Hibshman, H. J., and Knox, assignors.
Hillman, C. A., and Campbell, assignors.
Hocott, Claude R., assignor.
Hodgeson, Willie W., assignor.
Holder, Clinton H., assignor.
Horecky, Joseph T., assignor.
Howell, Lynn G., assignor.
Hubbard, Bela, assignor.
Jones, Minor C. K., assignor.
Jones, W. C., and Shewell, assignors.
Kean, Clare H., assignor.
Kearby, Kenneth K., assignor.
Kellogg, H. B., and Frolich, assignors.
Kimberlin, Charles N., Jr., assignor.
Kohler, Henry F., assignor.
Kollenberg, Conrad H., assignor.
Kuhl, Paul E., assignor.
Lewis, Warren K., assignor.
Lieber, Eguene, assignor.
Lieber, E., and Cashman, assignors.
Lieber, E., and Dean, assignors.
Lieber, E., and Rice, assignors.
Lieber, E., and Thorner, assignors.
Lillard, J. G., and Pfennig, assignors.
Linn, Norman F., assignor.
Linn, N. F., and Tongberg, assignors.
Lobdell, Prentiss, assignor.
Ludi, W. C., and Fry, assignors.

Standard Oil Development Company: *See*—Continued
Lynch, Charles S., assignor.
Marancik, J. V., and Martin, assignors.
Marsh, Nat H., assignor.
Martin, Homer Z., assignor.
Mason, Ralph B., assignor.
Mateer, G. L., and George, assignors.
Mathiasen, Roy L., assignor.
McCulloch, Thomas B., assignor.
McNab, J. G., and Watkins, Jr., assignors.
McNab, J. G., Wilson, and Winning, assignors.
Meier, Herbert H., assignor.
Meinert, Richard N., assignor.
Mikeska, Louis A., assignor.
Miller, Pharis, assignor.
Miller, P., and Cloud, assignors.
Morrell, C. E., and Swaney, assignors.
Morway, A. J., and Zimmer, assignors.
Mottern, Henry O., assignor.
Mounce, Whitman D., assignor.
Mullane, John J., assignor.
Munday, John C., assignor.
Munday, J. C., and Stahly, assignors.
Nelson, J. F., and Mikeska, assignors.
Nicholson, Edward W. S., assignor.
Noble, Frank G., assignor.
Noel, Henry M., assignor.
Ogorzaly, Henry J., assignor.
Orr, Willis P., assignor.
Packie, J. W., and Bittner, assignors.
Packie, J. W., and Gibbs, assignors.
Parker, Paul T., assignor.
Patterson, John A., assignor.
Patterson, J. A., and Ozol, assignors.
Paulsen, Henry C., assignor.
Peck, Edward B., assignor.
Perry, Stephen F., assignor.
Phillips, Gerald E., assignor.
Read, Chester L., assignor.
Reeves, Edward D., assignor.
Reistle, Carl E., Jr., assignor.
Renwick, Maurice, assignor.
Roberts, Robert J., assignor.
Robertson, Anthony E., assignor.
Roediger, Joseph C., assignor.
Rosen, R., and Arundale, assignors.
Rudel, Harry W., assignor.
Russell, Francis R., assignor.
Russell, Francis S., assignor.
Schiller, James C., assignor.
Schonberg, Jackson B., assignor.
Schonberg, J. R., and Given, assignors.
Schumacher, F. W., and Ferguson, assignors.
Schutze, Henry G., assignor.
See, Melvin J., assignor.
Selensky, John A., assignor.
Serniuk, George E., assignor.
Sewell, Benjamin W., assignor.
Shipley, G. H., Jr., and Franklin, assignors.
Simpson, James, assignor.
Singleton, Henry M., assignor.
Singleton, H. M., and McCulloch, assignors.
Smith, B. I., and Donahue, assignors.
Smith, Joseph A., assignor.
Spicer, W. E., and Watts, assignors.
Stahly, Eldon E., assignor.
Stahly, E. E., and Johnson, assignors.
Stahly, E. E., and Pirkle, assignors.
Staid, I. J., and Murphy, assignors.
Strickland, Barney R., assignor.
Sullivan, R. J., and Miller, assignors.
Sweeney, William J., assignor.
Thomas, R. M., and Reynolds, assignors.
Thomas, R. M., and Sparks, assignors.
Traxler, J. G., and John.
Tyson, Charles W., assignor.
Wadley, Edward F., assignor.
Walker, James L., assignor.
Weeks, R. L., and Belden, assignors.
Welty, Albert B., Jr., assignor.
Willauer, E. E., and Jones, assignors.
Williams, P. S., and Kriegel, assignors.
Wilson, James A., assignor.
Wright, Donald L., assignor.
Wrightsman, G. G., and Buckley, assignors.
Worth, Walter A., assignor.
Young, David W., assignor.
Zimmer, John C., assignor.
Zimmer, J. C., and McNulty, assignors.
Zimmer, J. C., and Morway, assignors.

Standard Products Company, The: *See*—
Bascom, Roger C., assignor.
Friderici, Wayne J., assignor.
Hughes, Everett C., assignor.
Husted, Harry A., assignor.
Weigel, Daniel M., assignor.

Standard Railway Equipment Manufacturing Company: *See*—
Bonsall, Charles D., assignor.
Gilpin, Garth G., assignor.
Nystrom, Karl F., assignor.
Swann, James S., assignor.
Tangerman, William J., assignor.

Standard Register Company, The: *See*—
Bickel, Bruce T., assignor.
Davidson, John T., assignor.
Davidson, J. T., and Bickel, assignors.
Hiles, P. M., assignor.
Lee, Robert E., assignor.
Metzner, Albert W., assignor.

Standard Steel Spring Company: *See*—
Schoonmaker, J. M., Jr., and Stockton, assignors.

Standard Steel Works: *See*—
Wills, Marion C., assignor.

Standard Stoker Company, Incorporated, The: *See*—
Davison, Charles R., assignor.

Standard Telephones and Cables Limited: *See*—
Ambrose, Dermot M., assignor.
Atkinson, Alan B., assignor.
Bates, Ernest F., assignor.
Chatterjea, P. K., and Houghton, assignors.
Chatterjea, P. K., and Scully, assignors.
Ewen, Alfred W., assignor.
Fortescue, Richard L., assignor.
Foulkes, Christopher H., assignor.
Gilliver, Gilbert, assignor.
Handley, John, assignor.
Hartley, George C., assignor.
Maddock, Alan J., assignor.
McWhirter, E. M. S., and Dunn, assignors.
Scully, Charles T., assignor.
Thornton, A. M., and Baly, assignors.
Ward, George L., assignor.
Wildbore, Wilfred J. L., assignor.

Standing, James A., Detroit, Mich. Steam generator. 2,384,704; Sept. 11.

Standish, John F., Winthrop, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Rotary assemblage. 2,374,244; Apr. 24.

Standish, John F., Winthrop, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Clearing mechanism for the work-supports of fastening-inserting machines. 2,387,305; Oct. 23.

Standish, John W., Saugus, Mass., assignor to General Electric Company. Machine for making recesses in steel tool shanks. 2,372,531; Mar. 27.

Staneslow, Bernard J., Niagara Falls, N. Y., assignor to Moore Business Forms, Inc. Safety record paper. 2,382,828; Aug. 14.

Stanfield, Rowland S., Plainfield, and L. W. Doolan, Jr., Cranford, assignors to Tide Water Associated Oil Company, Bayonne, N. J. Catalytic converter. 2,376,629; May 22.

Stangle, William H., deceased, by Citizens Trust & Savings Bank, Evansville, Ind., administrator, assignor to Servel, Inc., New York, N. Y. Stationary broiling rack. 2,386,070; Oct. 2.

Stangle, William H., deceased, Evansville, Ind., by Citizens Trust & Savings Bank of Evansville, Ind., administrator, assignor to Servel, Inc., New York, N. Y. Rotatable broiling apparatus. 2,387,621; Oct. 23.

Stanier, Andrew F., assignor to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Cathode-ray tube. 2,372,455; Mar. 27.

Stankey, George E.: *See*—
Rose, J. C., and Stankey.

Stanko, Edward, Haddon Heights, N. J., assignor to Radio Corporation of America. Electrical connector for loudspeakers and the like. 2,379,664; July 3.

Stanley, Carroll M., Summit, N. J., assignor to Oliver United Filters Incorporated, Oakland, Calif. Continuous industrial filter. 2,377,189; May 29.

Stanley, Edmund, C. S. Argyle, and H. C. Olpin, Spondon, near Derby, assignors to British Celanese Limited, London, England. Colored material. 2,383,995; Sept. 4.

Stanley, Herbert M., Tadworth, and W. A. Smart, Epsom, England, assignors to The Distillers Company Limited, Edinburgh, Scotland. Separation of reaction mixtures containing aldehydes. 2,372,031; Mar. 20.

Stanley, Herbert M., Tadworth, and J. E. Youell, Wallington, England, assignors to The Distillers Company Limited, Edinburgh, Scotland. Production of vinyl halides. 2,374,237; Apr. 24.

Stanley, Kenneth, North Hollywood, Calif., assignor, by mesne assignments, to Lockheed Aircraft Corporation. Connector wrench. 2,386,011; Oct. 2.

Stanley, Leopold G., Maplewood, N. J. Utility case. 2,368,687; Feb. 6.

Stanley, Paul H., Huntingdon Valley, assignor to Autogiro Company of America, Philadelphia, Pa. Blade structure for aircraft sustaining rotors. 2,388,879; Nov. 13.

Stanley, Richard W., Drexel Hill, and H. J. McDermott, Prospect Park, Pa., assignors to American Viscose Corporation, Wilmington, Del. Liquid treatment of filamentary material. 2,377,655; June 5.

Stanley, Robert H.: *See*—
Bremner, J. G. M., Stanley, Jones, and Taylor.
Smith, A. E. W., Scaife, and Stanley.
Wilder, A. E. W., Stanley, and Scaife.

Stanley, Sidney J., and J. E. Welch, Sr., Turtletown, Tenn. Flux retriever. 2,390,560; Dec. 11.

Stanley Steam Motors Corporation: *See*—
Doble, Abner, assignor.

Stanly, Albert L., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Preparing an improved motor fuel. 2,369,497; Feb. 13.

Stanolind Oil and Gas Company: *See*—
Clark, Joseph B., assignor.
Cloud, Raymond T., assignor.
Dunn, Thomas H., assignor.
Roper, Edwin E., assignor.
Sanders, Clyde S., assignor.
Sanderson, Robert T., assignor.
Sharpe, Joseph A., assignor.
Silverman, Daniel, assignor.
Stuart, Robert W., assignor.
Sturgis, Henry F., assignor.
Sweet, Reginald C., assignor.

Stansbury, Carroll: *See*—
Nelson, E. H., and Stansbury.

Stanton, Arthur J., Bethesda, Md., and E. F. Campbell, Springfield, Va. Hoisting mechanism. 2,387,777; Oct. 30.

Stanton, Frank N., New York, N. Y., assignor to W. D. Horn, Iowa City, Iowa. Program spotter mechanism and utilizing same. 2,373,511; Apr. 10.

Stanton, George S., Kansas City, Mo. Navigational aid. 2,390,622; Dec. 11.

Stanton, Samuel J., assignor to Patents Promotions Corporation, Chicago, Ill. Cam hinge combination. 2,385,738; Sept. 25.

Stanton, Walter O., assignor to O. E. Rosen, Detroit, Mich. Valve operating means. 2,380,904; July 31.

Stanworth, John E., Sheffield, England, assignor to General Electric Company. Phosphate glass. 2,390,191; Dec. 4.

Stanzel, George A., Des Moines, Iowa. Self-starting constant pressure internal-combustion engine. 2,379,838; July 3.

Staples, Crawford E.: *See*—
Bone, H. L., and Staples.
Talbert, H. A., and Staples.

Staples, Elliot M., Hohokus, N. J., E. R. Taylor, Pelham Manor and H. J. Michael, Astoria, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,388,347; Nov. 6.

Staples, Julian P., Mount Lebanon, assignor to Pittsburgh Corning Corporation, Allegheny County, Pa. Sealing container. 2,390,561; Dec. 11.

Stapleton, Charles A., Omak, Wash. Clothespin. 2,366,816; Jan. 9.

Stapleton, George M., Sea Cliff, N. Y., assignor to Ward Leonard Electric Company. Electric controlling apparatus. 2,377,726; June 5.

Stapleton, George M., Sea Cliff, N. Y., assignor to Ward Leonard Electric Company. Electromagnetic device. 2,391,277; Dec. 18.

Stapleton, George M., New York, N. Y., assignor to Ward Leonard Electric Company. Electric switch. 2,378,162; June 12.

Stapleton, Theon O., Hibbing, Minn. Sampling device. 2,387,306; Oct. 23.

Stapling Machines Co.: *See*—
Woodbury, Glen P., assignor.

Star Engineering Company: *See*—
Buthe, Henry, assignor.

Starck, Clemens B.: *See*—
Capstaff, J. G., Nadeau, and Starck.

Stareck, Jesse E., Oakville, and F. Passalacqua, now by judicial change of name, F. Passal, Waterbury, Conn., assignors to United Chromium, Incorporated, New York, N. Y. Depositing copper and baths for use therein. 2,383,895; Aug. 28.

Sta-Rite Ginnie-Lou, Inc.: *See*—
Holinger, George N., assignor.

Stark, Alfred A.: *See*—
Stoffel, L. L., and Stark.

Stark, Donald A., Willoughby, Township, Lake County, assignor to The Parker Appliance Company, Cleveland, Ohio. Valve assembly. 2,371,657; Mar. 20.

Stark, Donald A., Willoughby Township, Lake County, assignor to The Parker Appliance Company, Cleveland, Ohio. High pressure shutoff valve. 2,391,278; Dec. 18.

Stark, Donald E.: *See*—
Stark, Rawson E. and D. E.

Stark, Henry M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Titanium liquor hydrolysis. 2,369,262; Feb. 13.

Stark, Rawson E. and D. E., Greensburg, Pa., assignors to Stupakoff Ceramic & Manufacturing Co. Variable intensity light signaling apparatus. 2,389,649; Nov. 27.

Stark, William H.: *See*—
Blankmeyer, H. C., and Stark.

Starkweather, Howard W.: *See*—
Calcott, W. S., and Starkweather.

Starkweather, Howard W., Westover Hills, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymerizing chloroprene in the presence of sulphur dioxide and product thereof. 2,371,719; Mar. 20.

Starkweather, Howard W., New Castle County, Del., and F. N. Wilder, Woodstown, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Molding composition comprising very plastic polymers of chloroprene and the like. 2,385,739; Sept. 25.

Starn, Gleason W., Meadville, Pa. Grinding wheel dressing device. 2,377,822; June 5.

Starneno, Joseph, Providence, R. I. Spring wheel. 2,375,705; May 8.

Starner, Herbert P., Scarsdale, N. Y. Making flame-coloring articles. 2,373,512; Apr. 10.

Starner, Irving F., Belmont, Mass., assignor to The B. F. Goodrich Company, New York, N. Y. Platform sole for footwear. 2,367,808; Jan. 23.

Starr, Frank M., Schenectady, N. Y., assignor to General Electric Company. Protective arrangement. 2,376,201; May 15.

Starr, John H., Mayville, assignor to The Van Brunt Manufacturing Co., Horicon, Wis. Grain drill. 2,383,693; Aug. 28.

Starr, Raymond H., Kansas City, Mo. Refrigerating apparatus. 2,370,267; Feb. 27.

Starret, Howard A., U. S. Army. Power line. 2,375,258; May 8.

Stars On Stripes Games Co., Inc.: *See*—
Trimble, James R., assignor.

Start, Ernest: *See*—
Start, Harry W. and E.

Start, Harry W., Carlton, and E. Start, Wilford, England. Straight-bar knitting machine. 2,367,972; Jan. 23.

Start, Harry W., Carlton, and E. Start, Wilford, England. Straight-bar knitting machine. 2,371,931; Mar. 20.

Start, Harry W., Carlton, and E. Start, Wilford, England. Automatic welt turning mechanism of straight-bar knitting machines. 2,371,932; Mar. 20.

Start, Harry W., Carlton, and E. Start, Wilford, assignors to George Blackburn and Sons Limited, Nottingham, England. Straight-bar knitting machine. 2,370,501; Feb. 27.

Stastney, Ladislav, Cicero, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Core winding apparatus. 2,382,451; Aug. 14.

Statia, Edwin V., Sr., Royal Oak, assignor of one-half to E. L. Chapman, Detroit, Mich. Measuring instrument. 2,376,458; May 22.

Stationers Loose Leaf Company: *See*—
Lotter, Adolph G., assignor.

Statler, Walter H., and L. G. Miller, Bethlehem, Pa., assignors to Bethlehem Steel Company. Car truck. 2,386,577; Oct. 9.

Stator Corporation: *See*—
Tibbetts, Raymond W., assignor.

Staub, Alfred: *See*—
Martin, H., Hirt, and Staub.
Martin, H., Zaeslin, Hirt, Glatthaar, and Staub.

Staud, Cyril J.: *See*—
Jackel, E. C., Leermakers, and Staud.

Staud, Cyril J., assignor to Eastman Kodak Company, Rochester, N. Y. Retarding diffusion of sensitizing dyes. 2,376,202; May 15.

Staud, Cyril J., assignor to Eastman Kodak Company, Rochester, N. Y. Making images on metal plates. 2,382,674; Aug. 14.

Staudinger, Hanns P., Ewell, and K. H. W. Tuerck, Banstead, England, assignors to The Distillers Company Limited, Edinburgh, Scotland. Oxidation of unsaturated aldehydes. 2,377,584; June 5.

Staudinger, Hanns P., Ewell, and K. H. W. Tuerck, Banstead, England, assignors to The Distillers Company Limited, Edinburgh, Scotland. Production of condensation products of acetylene. 2,377,585; June 5.

Staudinger, Hanns P., Ewell, K. H. W. Tuerck, Banstead, and E. H. Brittain, Epsom Downs, England, assignors to The Distillers Company Limited, Edinburgh, Scotland. Manufacture of acetic acid. 2,379,760; July 3.

Staudinger, Hanns P., Ewell, K. H. W. Tuerck, Banstead, and C. A. Brighton, Ewell, England, assignors to The Distillers Company Limited, Edinburgh, Scotland. 2,381,561; Aug. 7.

Staudinger, Hanns P., Ewell, and K. H. W. Tuerck, Banstead, England, assignors to The Distillers Company Limited, Edinburgh, Scotland. Production of condensation products of acetylene. 2,381,701; Aug. 7.

Staudinger, Hanns P., Ewell, K. H. W. Tuerck, Banstead, and E. H. Brittain, Epsom Downs, England, assignors to The Distillers Company Limited, Edinburgh, Scotland. Concentration of aqueous acetic acid. 2,382,181; Aug. 14.

Staudinger, Hanns P., Ewell, K. H. W. Tuerck, Banstead, and E. H. Brittain, Epsom Downs, England, assignors to The Distillers Company Limited, Edinburgh, Scotland. Manufacture of polymerizable unsaturated acids. 2,386,365; Oct. 9.

Stauffer Chemical Company: *See*—
Belchetz, Arnold, assignor.
Davies, Newell A., assignor.
Metzner, Ernest K., assignor.
Mohr, Albert C., assignor.

Staunton, Le Roy W.: *See*—
Yates, Wm. H., and Staunton.

Stauss, Henry E.: *See*—
Crouch, H. W., and Stauss.

Stava, Robert J.: *See*—
Goldfield, E. R., Schiring, and Stava.

Stavely, Frederick W., K. L. Edgar, and S. W. Hoffmann, assignors to The Firestone Tire & Rubber Company, Akron, Ohio. Fuel tank. 2,381,400; Aug. 7.

Steans, Lionel H.: *See*—
Andrews, E. R., and Steans.

Stearn, William T., Cumberland, Md., assignor to Celanese Corporation of America. Cone winder guide. 2,390,669; Dec. 11.

Stearns, Charles F.: *See*—
Currie, F. L., and Stearns.

Stearns, Harry C., assignor to Products Development, Inc., Chicago, Ill. High-pressure vessel. 2,372,800; Apr. 3.

Stearns, Harry C., assignor to Products Development, Inc., Chicago, Ill. High-pressure vessel. 2,376,831; May 22.

Stearns Magnetic Mfg. Co.: *See* —
Stearns, R. H., and Broetzmann, assignors.

Stearns, Roswell H., Wauwatosa, and C. F. Broetzmann, assignors to Stearns Magnetic Mfg. Co., Milwaukee, Wis. Magnetic separator. 2,380,342; July 10.

Steccone, Ettore, Oakland, Calif. Securing elastic strips in supports. 2,376,098; May 15.

Stechbart, Bruno, Park Ridge, assignor to The Bell & Howell Company, Chicago, Ill. Folding stand. 2,388,192; Oct. 30.

Stechbart, Bruno, Park Ridge, and E. E. Strauss, Wilmette, assignors to The Bell & Howell Company, Chicago, Ill. Slide projector apparatus. 2,375,706; May 8.

Steckler, Nat P., New York, N. Y. Child's growing record chart. 2,369,926; Feb. 20.

Steckler, Nat P., New York, N. Y. Bottle closure. 2,385,114; Sept. 18.

Stedman, Russell F.: *See*—
Friedman, B. S., and Stedman.

Stee, Ernest C., Bismarck, N. Dak. Electric plug. 2,390,552; Dec. 11.

Steeb, George, Buffalo, N. Y., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Protective relay system. 2,372,134; Mar. 20.

Steel, John D., Fort Worth, Tex. Grenade. 2,372,689; Apr. 3.

Steel, John D., Fort Worth, Tex. Grenade releasing apparatus. 2,379,383; June 26.

Steele, Alexis P., Sr., Statesville, N. C. Motor vehicle. 2,375,046; May 1.

Steele, Archie A., Los Angeles, Calif. Boat hull. 2,371,478; Mar. 13.

Steele, Doty M., Los Angeles, Calif. Assayer's scale. 2,381,086; Aug. 7.

Steele, Doty M., Los Angeles, Calif. Cupel muffle. 2,383,353; Aug. 21.

Steele, Frederick I.: *See*—
Eiss, C. R., and Steele.

Steele, Louise A., Los Angeles, Calif. Mechanical calculator of geographical position from celestial observations. 2,374,788; May 1.

Steel Heddle Manufacturing Company: *See*—
Hilton, George, assignor.
Kaufmann, Frank H., assignor.
Kaufmann, John J., assignor.

Steel Ingot Production, Inc.: *See*—
Lindemuth, Lewis B., assignor.

Steel Products Engineering Company, The: *See*—
Scholl, Clark, assignor.

Steen, Vernon E., Kansas City, Mo. Cream separating device for milk containers. 2,369,322; Feb. 13.

Steenbock, Fred W., Sylvan Grove, and W. P. Naegele, Lucas, Kans. Reaming and honing device. 2,366,158; Jan. 2.

Steeneck, Robert, assignor to The Western Union Telegraph Company, New York, N. Y. Telegraph tape transmitter. 2,377,978; June 12.

Steffanson, Anne Y., now by judicial decree A. McB. Yandell, New York, N. Y. Stocking foot. 2,376,398; May 22.

Steffens, Robert N., New York, N. Y. Making thermoplastic joints. 2,379,500; July 3.

Steffens, Robert N., New York, N. Y. Apparatus for making thermoplastic joints. 2,389,560; Nov. 20.

Steffens, Walter L., and L. E. Whitaker, Wyoming, Ohio, assignors to The Philip Carey Manufacturing Company. Collapsible air conduit. 2,371,556; Mar. 13.

Stegeman, Raymond F. E.: *See*—
Brandt, J. F., and Stegeman.

Stegeman, Raymond F. E., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Optical instrument. 2,369,761; Feb. 20.

Stegeman, Raymond F. E., Greece, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Lens mount. 2,373,610; Apr. 10.

Stegeman, Raymond F. E., Greece, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Magnifying device. 2,389,282; Nov. 20.

Stegman, Raymond V.: *See*—
Lawson, E. L., and Stegman.

Steibel, James P., and S. Martinson, Racine, Wis. Measuring device. 2,391,075; Dec. 18.

Steiding, John B.: *See*—
Elvin, W. J., and Steiding.

Steigerwald, Libera L., Chicago, Ill. Bedcover. 2,374,712; May 1.

Stein, Elmer L., assignor of one-third to R. Kaczmarek, and one-third to H. F. Johnson, Milwaukee, Wis. Sealing method. 2,388,770; Nov. 13.

Stein, Gustav A., Plainfield, and W. J. Moran, Jr., Cranford, assignors to Merck & Co., Inc., Rahway, N. J. Production of tungstic acid. 2,368,580; Jan. 30.

Stein, Hall & Co. Inc.: *See*—
Bauer, Hans F., assignor.
Fenn, James E., assignor.
Gardner, Herbert F., assignor.

Stein, Hall & Company, Inc.: *See*—
Griffin, I. L., Truax, and Nuttall, assignors.
La Plana, F. G., and Bosland, assignors.

Stein, Irving M., assignor to Leeds and Northrup Company, Philadelphia, Pa. Recording apparatus. 2,389,827; Nov. 27.

Stein, Sara, Brooklyn, N. Y. Foundation garment bust pocket. 2,380,199; July 10.

Stein, William, Plano, and R. J. Wolf, assignor to Sears Roebuck and Co., Chicago, Ill. Spout. 2,367,809; Jan. 23.

Steinbock, Hans, Dusseldorf-Gerresheim, Germany; vested in the Alien Property Custodian. Binders for glass fiber threads. 2,371,933; Mar. 20.

Steinel, George E., Barberton, assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Proofing tubes. 2,381,383; Aug. 7.

Steiner, Edward C., Oklahoma City, Okla., assignor to Wright Aeronautical Corporation. True motion connecting rod. 2,390,623; Dec. 11.

Steiner, Hans, assignor to Sulzer Freres, Société Anonyme, Winterthur, Switzerland. Free-piston internal-combustion engine. 2,383,625; Aug. 28.

Steiner, Hans, assignor to Sulzer Freres, Société Anonyme, Winterthur, Switzerland. Cylinder for internal-combustion engines. 2,383,626; Aug. 28.

Steiner, Harold K., Milwaukee, Wis., assignor to The Union Switch and Signal Company, Swissvale, Pa. Electric lock. 2,390,885; Dec. 11.

Steiner, John E., Cambridge, Minn., assignor to Hercules Powder Company, Wilmington, Del. Drying material. 2,383,694; Aug. 28.

Steiner, Louis, New York, and P. Settecasi, Brooklyn, N. Y., assignors, by mesne assignments, to Assets Realization Co. Article dispensing device. 2,379,501; July 3.

Steiner, Oscar: *See*—
Gorey, A. H., Nadel, Nitsch, and Steiner.

Steiner, Oscar, assignor to The Folmer Graflex Corporation, Rochester, N. Y. Flashlamp supporting and ejecting means. 2,371,479; Mar. 13.

Steiner Sales Company: *See*—
Walker, Glen, assignor.

Steiner, Waldo L.: *See*—
Lincoln, B. H., Byrkit, and Steiner.

Steinert, Emil F., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Movable core alternating current arc welder. Re. 22,609; Feb. 27.

Steinhoff, John R., Washington, D. C., Apparatus for sonic detection. 2,376,730; May 22.

Steinhorst, Theodore, et al., trustees: *See*—
Emerson, Arthur J., assignor.

Steinle, Leo C., Wimbledon, London, and C. H. Hanwell, Cogenhoe, England. Screw-thread generating method. 2,367,973; Jan. 23.

Steinle, Leo C., Wimbledon, London, S. W. 19, and C. H. Hanwell, Cogenhoe, England. Shaft bearing. 2,388,503; Nov. 6.

Steinle, Leo E.: *See*—
Kirby, W. G., and Steinle.

Steinmayer, Alwin G., assignor to Line Material Company, Milwaukee, Wis. Lamp adapter and receptacle. 2,385,478; Sept. 25.

Steinmayer, Alwin G., Milwaukee, assignor to Line Material Company, South Milwaukee, Wis. Cutout. 2,390,670; Dec. 11.

Steinmetz, Harry G., Port Chester, assignor to E. V. Hadley, New York, N. Y. Drawing roll cleaning machine. 2,385,039; Sept. 18.

Steinmetz, Harry G., Port Chester, assignor to E. V. Hadley, New York, N. Y. Machine for applying strips of material to curved surfaces. 2,390,398; Dec. 4.

Steinmetz, Walter C., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Portable loader. 2,387,189; Oct. 16.

Steins, Carleton K., Merion, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Air purifying and conditioning system. 2,383,423; Aug. 21.

Steinway & Sons: *See*—
Schutz, Michael, assignor.

Stellin, Domnic V., Bronx, N. Y. Interchangeable punch and die and retainer for same. 2,308,343; July 10.

Stellin, Domnic V., Bronx, N. Y. Interchangeable punch and die and retainer for same. 2,382,267; Aug. 14.

Stellin, Domnic V., New York, N. Y. Interchangeable punch and die and retainer for same. 2,378,806; June 19.

Steinicki, John: *See*—
Hanak, Frank J., assignor.

Steltenpohl, William R.: *See*—
Webb, Cecil E., assignor.

Stelzel, Roderick W., East Orange, assignor to Bendix Aviation Corporation, Bendix, N. J. Fuel injection. 2,387,690; Oct. 23.

Stelzer, Earl E., Springfield, Ohio, assignor to The Parker Pattern & Foundry Company. Bearing extractor. 2,373,064; Apr. 3.

Stelzer, William, Detroit, Mich. Braking system. 2,373,272; Apr. 10.

Stelzer, William, Detroit, Mich. Hydraulic brake. 2,382,268; Aug. 14.

Stelzer, William, Detroit, Mich., assignor to Stoffel Seals Company, Incorporated, New York, N. Y. Seal. 2,371,414; Mar. 13.

Stelzer, William, Detroit, Mich., assignor, by mesne assignments, to Stoffel Seals Company, Incorporated, New York, N. Y. Sealing machine. 2,385,951; Oct. 2.

Stelzer, William, Summit, N. J. Brake. 2,375,392; May 8.

Stelzer, William, Summit, N. J. Brake. 2,377,277; May 29.

Stelzer, William, Summit, N. J. Brake. 2,385,168; Sept. 18.

Stelzer, William, East Orange, N. J. Hydraulic brake booster. 2,381,989; Aug. 14.

Stemar Displays Company: *See*—
Elnzig, Henry, assignor.

Stemmler, Hans, and K. Kunsi, assignors to Aktiengesellschaft der Eisen- und Stahlwerke vormals Georg Fischer, Schaffhouse, Switzerland. Molding machine. 2,376,203; May 15.

Stempel, Laszlo M., Coraopolis, assignor to The Lithograph Press Manufacturing Company, Pittsburgh, Pa. Printing element attaching device. 2,388,193; Oct. 30.

Stengel, Leonard A., and F. E. Maple, assignors to Commercial Solvents Corporation, Terre Haute, Ind. Catalyst and process for producing polyhydroxy compounds. 2,381,316; Aug. 7.

Stenger, Victor R.: *See*—
Door, N. F., and Stenger.

Stenglein, Karl, Saginaw, Mich. Packaging apparatus. 2,376,289; May 15.

Stenhammer, Harold T., New York, assignor to Control Instrument Company, Inc., Brooklyn, N. Y. Selector switch. 2,372,801; Apr. 3.

Stenhammer, Harold T., New York, assignor to Control Instrument Company, Inc., Brooklyn, N. Y. Telephone system. 2,384,775; Sept. 11.

Stenhammer, Harold T., New York, assignor to Control Instrument Company, Inc., Brooklyn, N. Y. Impulse sender. 2,389,695; Nov. 27.

Stenmark, George A.: *See*—
Hearne, G. W., and Stenmark, assignors.

Stenning Luis C.: *See*—
Bligh, N. R., Heller, and Stenning.

Stenographic Machines, Inc.: *See*—
Johnson, C. W., Sterling, and M. H. and R. T. Wright, assignors.

Stents, Ezekiel W., Shelby, Ohio. Adjustable electric gate. 2,376,630; May 22.

Stenwall, Robert, Newaygo, assignor to Muskegon Piston Ring Company, Muskegon, Mich. Ring shaping machine. 2,384,705; Sept. 11.

Stepanoff, Alexey J., Phillipsburg, N. J., assignor to Ingersoll-Rand Company, New York, N. Y. Adjusting device. 2,379,839; July 3.

Stepanoff, Alexey J., Phillipsburg, N. J., assignor to Ingersoll-Rand Company, New York, N. Y. Pump. 2,383,424; Aug. 21.

Stepanoff, Alexey J., Phillipsburg, N. J., assignor to Ingersoll-Rand Company, New York, N. Y. Pump for fuel systems. 2,388,939; Nov. 13.

Stephan, Ingo L., Delanco, N. J., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Drive for home recorders. 2,378,500; June 9.

Stephano Brothers: *See*—
Stephano, C. S., and Brightwell, assignors.

Stephano, Constantine S., Elkins Park, and R. R. Brightwell, assignors to Stephano Brothers, Philadelphia, Pa. Folding mechanism. 2,375,144; May 1.

Stephen, Samuel P., Denver, Colo. Four wheel drive assembly for trucks. 2,367,151; Jan. 9.

Stephen, William E.: *See*—
Knight, A. H., and Stephen.

Stephens, Fred J., Park Ridge, Ill., and W. T. Tillotson, Huntington Park, Calif., assignors to United States Gypsum Company, Chicago, Ill. Fixture holder for roll roofing. 2,375,502; May 8.

Stephens, Henry M., Montgomery, W. Va. Mining cutter bit. 2,379,044; June 26.

Stephens, Howard O., Pittsfield, Mass., assignor to General Electric Company. Electrical induction apparatus. 2,374,049; Apr. 17.

Stephens, Howard O., Pittsfield, Mass., assignor to General Electric Company. Electrical apparatus. 2,381,782; Aug. 7.

Stephens, Lee O.: *See*—
Roberts, John F., assignor.

Stephens, Leslie A., Hudson, and I. W. Lederer, Lakewood, Ohio. Recapping vehicle tires. 2,382,269; Aug. 14.

Stephens, Russell D., assignor to The Murray Corporation of America, Detroit, Mich. Metalworking tool. 2,378,871; June 19.

Stephens, Thomas J., et al.: *See*—
Ludwig, Frederick W., as trustee.

Stephens, Thomas J., New York, N. Y. Liquid fuel feed control. 2,381,372; Aug. 7.

Stephens, Thomas J., New York, N. Y., assignor to F. W. Ludwig, as trustee for the benefit of T. J. Stephens, H. A. Rudkin, and F. W. Ludwig. Roasting vegetable material. 2,388,298; Nov. 6.

Stephens, William T., assignor to Hydraulic Control Engineering Company, Cleveland, Ohio. Apparatus for controlling fluid pressure. 2,377,278; May 29.

Stephens, William T., assignor to Hydraulic Control Engineering Company, Cleveland, Ohio. Hydraulic coupling. 2,382,114; Aug. 14.

Stephens, William T., assignor to Hydraulic Control Engineering Company, Cleveland, Ohio. Hydraulic fluid motor. 2,391,360; Dec. 18.

Stephenson, Arthur E., et al.: *See*—
Johnson, Clarence D., assignor.

Stephenson, Eugene A., assignor to The University of Kansas Research Foundation, Lawrence, Kans. Treating oil wells. 2,377,529; June 5.

Stephenson, Eugene A., assignor to The University of Kansas Research Foundation, Lawrence, Kans. Treating oil wells. 2,387,361; Oct. 23.

Stephenson, Hugh M., Ft. Wayne, Ind., assignor to General Electric Company. Clutch construction. 2,386,071; Oct. 2.

Stephenson, Hugh M., Fort Wayne, Ind., assignor to General Electric Company. Brush rigging. 2,389,941; Nov. 27.

Stephenson, James R., assignor to General Motors Corporation, Dayton, Ohio. Gun cooling apparatus. 2,388,807; Nov. 13.

Stephenson, Willie P., et al.: *See*—
Johnson, Clarence D., assignor.

Stergis, Stergis M., Los Angeles, Calif. Landing gear protecting boot. 2,378,046; June 12.

Sterick, Harrison D., Pittsburgh, Pa. Burner. 2,376,520; May 22.

Sterling, John G.: *See*—
Johnson, C. W., Sterling, and M. H. and R. T. Wright, assignors.

Sterling Tool Products Company: *See*—
Crosby, Stephen A., assignor.

Stern, Hilton S., Denver, Colo. Razor blade holder. 2,369,618; Feb. 13.

Stern, Louis: *See*—
Negbaur, H., and Lippincott, assignors.

Stern, Max, Kew Gardens, N. Y. Treating aluminum or aluminum alloy scrap. 2,391,752; Dec. 25.

Stern, Raphael L.: *See*—
Cairns, R. W., and Stern.

Stern, Raphael L., South River, N. J., assignor to Hercules Powder Company, Wilmington, Del. Production of nitrocelluloses. 2,366,880; Jan. 9.

Stern, Walter: *See*—
Hamilton, N., and Stern.

Sternad, Frank S., Cuyahoga Falls, and J. P. Sapp, Kent, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Tire building machine. 2,373,354; Apr. 10.

Sternad, Frank S., Cuyahoga Falls, and J. P. Sapp, Kent, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Apparatus for building tires. 2,374,391; Apr. 24.

Sternberg, Albert, New York, N. Y. Hand tooling device for using sized gold and other decorative leaf. 2,366,293; Jan. 2.

Sternberg, Alexander G.: *See*—
Kolar, S. M., and Sternberg.

Sterne, Rita C., et al.: *See*—
Du Bois, Joseph E., assignor.

Sterrett, Charles C., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Drier for gas-cooling systems. 2,372,135; Mar. 20.

Sterrett, George C., Baltimore, Md. Truckman's handle. 2,367,627; Jan. 16.

Stertzbach, Harry W.: *See*—
Orr, C. L., and Stertzbach.

Sterzik, Adolf, St. Louis, Mo. Shoe construction. 2,367,537; Jan. 16.

Stetson, John B., Company: *See*—
Hodshon, A. E., and Tucker, assignors.

Stettler, Oskar, assignor to Philips Lampen A.-G., Zurich, Switzerland. Electrical remote control. 2,385,657; Sept. 25.

Stettner, Harlow J.: *See*—
Schubert, A. E. Hintz, and Stettner.

Steven, George, Buffalo, assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Sight Glass assembly. 2,374,142; Apr. 17.

Steven, Ray L., Los Angeles, Calif. Heated food container. 2,373,611; Apr. 10.

Stevenhagen, John W.: *See*—
Hein, C. C., and Stevenhagen.

Stevens, Charles, Wellston, Ohio. Detecting structural flaws in sheet material. 2,381,990; Aug. 14.

Stevens, Daniel S., Chicago, Ill. Device for positioning colorimeter cells. 2,391,076; Dec. 18.

Stevens, Horace D., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Gun carrier. 2,367,837; Jan. 23.

Stevens, Horace D., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Tire building apparatus. 2,381,379; Aug. 7.

Stevens, Horace D., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Tire building apparatus (ply turndown). 2,381,401; Aug. 7.

Stevens, John C., assignor to Leupold & Stevens Instruments, Portland, Oreg. Fluid meter. 2,376,459; May 22.

Stevens, Jordan & Harrison, Inc.: *See*—
Vang, Alfred, assignor.

Stevens, Joseph R.: *See*—
Kereszteay, J. C., and Stevens.

Stevens, Roy R., Forest Hills, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Control apparatus. 2,383,277; Aug. 21.

Stevens, Roy R., Forest Hills, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure control mechanism. 2,383,278; Aug. 21.

Stevens, Thomas B., Wilmington, Ill. Two row potato digger and harvester. 2,371,076; Mar. 6.

Stevens, Thomas F.: *See*—
Davis, E. E., and Stevens.

Stevens, Vernon E., Wellsville, N. Y. Control apparatus for aircraft. 2,373,065; Apr. 3.

Stevens, Walter H.: *See*—
Bedford, L. H., Jofeh, and Stevens.

Stevenson, Charlotte V., New York, N. Y. Combined bottle cap and stopper. 2,374,143; Apr. 17.

Stevenson, Edward E., assignor to Emsco Derrick & Equipment Company, Los Angeles, Calif. Safety brake mechanism. 2,371,557; Mar. 20.

Stevenson Engineering Corporation: *See*—
Stevenson, Robert, assignor.
Walley, Herbert H., Jr., assignor.

Stevenson, Francis W., Detroit, Mich. Conveyer for automotive vehicles. 2,381,783; Aug. 7.

Stevenson, George E., Coquille, Oreg. Tire inflating device. 2,391,652; Dec. 25.

Stevenson, Halsey B.: *See*—
Coffman, D. D., and Stevenson.
Pinkey, P. S., and Stevenson.
Smith, A. F., and Stevenson.

Stevenson, Jordan & Harrison, Inc.: *See*—
Vang, Alfred, assignor.

Stevenson, Prince A., Waterloo, S. C. Tension and bloom control device. 2,373,513; Apr. 10.

Stevenson, Robert, Providence, R. I., assignor to Stevenson Engineering Corporation. Rotary pump. 2,367,068; Jan. 9.

Stevenson, Robert, and A. W. Keema, Providence, R. I., assignors to Merit Engineering, Inc. Relief valve. 2,372,631; Mar. 27.

Stevenson, Walter J., Riverside, assignor to Watchemoket Optical Co., Inc., Providence, R. I. Goggle. 2,391,361; Dec. 18.

Stevenson, William H., Parlin, N. J., assignor to Hercules Powder Company, Wilmington, Del. Chlorinated rubber. 2,375,958; May 15.

Stewart, Alexander, Mountain Lakes, N. J., and A. R. Pitrot, assignors to National Lead Company, Hempstead, N. Y. Composition for storage battery plates and preparing same. 2,389,465; Nov. 20.

Stewart, Arthur L., assignor to Gleason Works, Rochester, N. Y. Cutting gears. 2,384,499; Sept. 11.

Stewart, Benjamin H., Christopher, Ill. Lift. 2,377,279; May 29.

Stewart, C. T.: *See*—
Carter, Clyde C., assignor.

Stewart, Carlton D., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Variable load brake. 2,369,989; Feb. 20.

Stewart, Carlton D., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Valve device. 2,376,521; May 22.

Stewart, Charles P., Los Angeles, Calif. Chuck attachment. 2,381,087; Aug. 7.

Stewart, Charles R., Charlotte, N. C. Check valve. 2,372,456; Mar. 27.

Stewart, Charles W., River Forest, Ill., assignor to Corn Products Refining Company, New York, N. Y. Paper-coating composition. 2,370,268; Feb. 27.

Stewart, Donald H., assignor to Eastman Kodak Company, Rochester, N. Y. Two-film camera. 2,384,655; Sept. 11.

Stewart, Earle: *See*—
Kupiec, H. P., and Stewart.

Stewart, Enos A., Canton, Ohio. Making sponge iron. 2,386,072; Oct. 2.

Stewart, George A., Bloomfield, N. J. Game apparatus. 2,368,896; Feb. 6.

Stewart, George F., Winchester, Mass. Servicing implement for beacons. 2,376,290; May 15.

Stewart, Horace Z., Mobile, Ala. Machine for shelling peas and beans. 2,374,466; Apr. 24.

Stewart, Hubert L., Pittsburgh, Pa., assignor, by mesne assignments, to Koppers Company. Operating an electrolyzer. 2,377,823; June 5.

Stewart, James E., Rye, N. Y. Machine for vending bottles. 2,389,283; Nov. 20.

Stewart, James W., Donora, Pa., assignor to The American Steel & Wire Company of New Jersey. Ingot mold sprayer. 2,387,362; Oct. 23.

Stewart, James W. R., assignor to Stanley A. Hayes, Berkeley, Calif. Spraying proportioner. 2,388,445; Nov. 6.

Stewart, John B., St. Louis, Mo. Rotary engine. 2,373,791; Apr. 17.

Stewart, John H., Canton, Ohio. Reducing ores and oxides. 2,386,073; Oct. 2.

Stewart, John H. F., assignor to Indian Motocycle Company, Springfield, Mass. Carburetor. 2,372,532; Mar. 27.

Stewart, John M., Chicago, Ill. Bottle dispensing device. 2,379,112; June 26.

Stewart, John S., New York, N. Y. Blast furnace. 2,373,514; Apr. 10.

Stewart, Meredith M., Beacon, assignor to The Texas Company, New York, N. Y. Catalytic hydrocarbon conversion processes. 2,367,474; Jan. 16.

Stewart, Meredith M., Beacon, assignor to The Texas Company, New York, N. Y. Hydrocarbon conversion process. 2,381,522; Aug. 7.

Stewart, Meredith M., Beacon, assignor to The Texas Company, New York, N. Y. Isomerization of paraffin hydrocarbons. 2,381,562; Aug. 7.

Stewart, Nelson H., Fairmont, W. Va., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. X-ray tube anode seal. 2,381,625; Aug. 7.

Stewart, Robert J., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Method and apparatus for filling carbonated beverages. 2,367,899; Jan. 23.

Stewart, Robert J., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Vacuum producing apparatus. 2,370,202; Feb. 27.

Stewart, Robert J., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Packaging beverages. 2,372,457; Mar. 27.

Stewart, Robert J., and L. F. Pahl, assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Method and apparatus for sealing containers. 2,369,762; Feb. 20.

Stewart, Robert J., and J. S. Bartley, assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Cap feeding apparatus. 2,384,052; Sept. 4.

Stewart, Robert R., Findlay, and T. R. De Long, Van Buren, Ohio, assignors to W. E. Mize, Detroit, Mich. Lathe dog. 2,388,622; Nov. 6.

Stewart-Warner Corporation: *See*—
Allen, Arthur C., assignor.
Coxon, George E., assignor.
Davis, Ernest W., assignor.
Garancher, Marcel, assignor.
Garancher, M., and Raisch, assignors.
Gersch, Adolph E., assignor.
Heymann, Seymour E., assignor.
Johnston, Fred E., assignor.
Leslie, John H., II, assignor.
Malone, Homer F., assignor.
Marshall, William A., Jr., assignor.
Norman, Horace M., assignor.
Palm, George H., assignor.
Tramontini, Vernon N., assignor.
Whitted, John B., assignor.

Stewart, Wendell F.: *See*—
Jackson, L. R., and Stewart.

Stewart, William D.: *See*—
Browning, G. L., Jr., Stewart, and Zwicker.
Zwicker, B. M. G., and Stewart.

Stewart, William D., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Catalysts for the addition polymerization of unsaturated organic compounds. 2,380,473; July 31.

Stewart, William D., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Catalysts for the addition polymerization of unsaturated organic compounds. 2,380,474; July 31.

Stewart, William D., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Catalysts for the addition polymerization of unsaturated organic compounds. 2,380,475; July 31.

Stewart, William D., Akron, Ohio, assignor to The B. F Goodrich Company, New York, N. Y. Catalysts for the addition polymerization of unsaturated organic compounds. 2,380,476; July 31.

Stewart, William D., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Catalysts for the addition polymerization of unsaturated organic compounds. 2,380,477; July 31.

Stewart, William D., assignor, by mesne assignments, to The B. F. Goodrich Company, Akron, Ohio. Catalysts for polymerization reaction. 2,380,710; July 31.

Stewart, William D., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Polymerization of butadiene-1,3 hydrocarbons. 2,380,905; July 31.

Stewart, William D., assignor, by mesne assignments, to The B. F. Goodrich Company, Akron, Ohio. Polymerization initiator. 2,381,702; Aug. 7.

Stewart, William D., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Polymerization of unsaturated organic compounds. 2,383,425; Aug. 21.

Stewart, William D., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Preserving latex and product thereof. 2,386,756; Oct. 16.

Stewart, William D., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Catalysts for the addition polymerization of unsaturated organic compounds. 2,388,372; Nov. 6.

Stewart, William D., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Catalysts for the addition polymerization of unsaturated organic compounds. 2,388,373; Nov. 6.

Stewart, William D., and B. M. G. Zwicker, assignors, by mesne assignments, to The B. F. Goodrich Company, Akron, Ohio. Heavy metal catalysts for emulsion polymerization reactions. 2,380,617; July 31.

Stewart, William D., and B. M. G. Zwicker, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Catalysts for polymerization reactions. 2,380,618; July 31.

Stewart, William D., and B. M. G. Zwicker, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Butadiene-1,3 copolymers. 2,384,574; Sept. 11.

Stewart, William H., Beaumont, Tex., assignor to Sun Oil Company, Philadelphia, Pa. Method and apparatus for determining current flow in bore hole casing or the like. 2,371,658; Mar. 20.

Stewman, W. A., et al.: *See*—
Compton, Henry P., assignor

Stibitz, George R., Boonton, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Relay testing system. 2,369,619; Feb. 13.

Sticelber, Merlin A., Kansas City, Mo. Combination dough mixer and water cooling device. 2,370,888; Mar. 6.

Sticht, Otto W., Orange, N. J. Making brushes. 2,391,077; Dec. 18.

Stickel, Carl A., assignor to General Motors Corporation, Dayton, Ohio. Electrical apparatus. 2,379,602; July 3.

Stickney, Fernald S., West Caldwell, N. J. Spring winding mechanism. 2,373,427; Apr. 10.

Stieglitz, Albert, Berlin-Spandau, Germany; vested in the Alien Property Custodian. Power regulation for aircraft engines. 2,384,353; Sept. 4.

Stienen, Ernest A., Yorktown, N. Y. Air current locking device. 2,391,107; Dec. 18.

Stiffler, Harold F., Medway, Ohio. Processing holder for photographic sheet material. 2,368,078; Jan. 23.

Stiffler, Harold F., Medway, Ohio. Photographic negative holder. 2,368,079; Jan. 23.

Stigwall, Alf L., assignor to Aktiebolaget Separator, Stockholm, Sweden. Butyrometer. 2,377,586; June 5.

Stikeleather, Robert M., Dedham, assignor to B. F. Sturtevant Company, Boston, Mass. Method of and machine for winding ribbons on heat exchange tubes. 2,374,144; Apr. 17.

Stiles, John W., New York, N. Y. Conveyer feeding system. 2,389,696; Nov. 27.

Stiller, Eric T., New York, N. Y. dl-tryptophane and producing the same. 2,380,479; July 31.

Stiller, Eric T., New York, N. Y., assignor to Merck & Co., Inc., Rahway, N. J. Intermediates for the production of vitamin B_6 and preparing the same. 2,372,690; Apr. 3.

Stiller, Eric T., New York, N. Y., assignor to Merck & Co., Inc., Rahway, N. J. Lactones of 2-alkyl-3-alkoxy-4-hydroxymethyl-5-carboxypyridine. 2,380,478; July 31.

Stillman, Albert L., Plainfield, N. J., assignor to Fuel Research Corporation. Coal paint. 2,370,428; Feb. 27.

Stillson, Gordon H., Oakmont, Pa., and J. B. Fishel, Hagerstown, Md., assignors to Gulf Research & Development Company, Pittsburgh, Pa. Dealkylation of alkylphenols. 2,383,279; Aug. 21.

Stillwagon, George B., Jr., assignor of one-half to K. G. Fraser, Dayton, Ohio. Universal joint. 2,369,810; Feb. 20.

Stillman, Frederic B.: *See*—
Dettwyler, W., and Stillman.

Stilson, Herbert A., Chicago, assignor to McGill Metal Products Corporation, Marengo, Ill. Animal trap. 2,368,581; Jan. 30.

Stilson, Herbert A., Chicago, assignor to McGill Metal Products Corporation, Marengo, Ill. Animal trap. 2,378,253; June 12.

Stilwell, David W., Los Angeles, Calif. Apparatus for treating petroleum. 2,389,328; Nov. 20.

Stilwell, Glenn E.: *See*—
Paxton, G. C., and Stilwell.

Stimpson, Edwin G.: *See*—
Weisberg, S. M., Stimpson, and Miller.

Stimson, Edward E., Spoudon, near Derby, assignor to British Celanese Limited, London, England. Gas manufacture. 2,388,348; Nov. 6.

Stine, Carl A.: *See*—
Munter, D. P., and Stine.

Stine, Carl A., Van Nuys, assignor to Turco Products, Inc., Los Angeles, Calif. Tube cleaner. 2,367,900; Jan. 23.

Stine, Carl A., Van Nuys, assignor to Turco Products, Inc., Los Angeles, Calif. Admixing and dispensing method and device. 2,371,720; Mar. 20.

Stine, Carl A., Van Nuys, assignor to Turco Products, Inc., Los Angeles, Calif. Piston cleaning apparatus. 2,376,945; May 29.

Stinson, Everson C., Woolwich, and E. D. Hall, Windham, Maine. Portable former. 2,383,923; Aug. 28.

Stinson, Jamie T., Jonesboro, La. Wire twisting plier. 2,381,703; Aug. 7.

Stinson, Karl W.: *See*—
Parker, H. F., and Stinson.

Stinson, William, Vancouver, British Columbia, Canada. Holder for finger nail files. 2,376,946; May 29.

Stirn, Frank E., Pearl River, assignor to Lederle Laboratories, Inc., New York, N. Y. Soluble sulphur preparations. 2,390,746; Dec. 11.

Stitt, Roger H., Long Lake, assignor to United States Gypsum Company, Chicago, Ill. Manufacturing surface ornamented acoustical tile. 2,388,860; Nov. 13.

Stitz, Wilbur E., and D. C. Kennard, Dayton, Ohio. Engine mount. 2,367,697; Jan. 23.

Stober, Floyd B., Portland, Oreg. Vehicle direction indicating signal. 2,385,310; Sept. 18.

Stock, Arthur J., Rocky River, Ohio. Automatic apron fed hopper scale for bulk materials. 2,372,746; Apr. 3.

Stock, Arthur J., and N. Brewer; said Brewer assignor to said Stock, doing business as Stock Engineering Company, Cleveland, Ohio. Alarm device. 2,371,272; Mar. 13.

Stock Engineer Company: *See*—
Stock, A. J., and Brewer.

Stockelbach, Frits E., Verona, N. J., assignor to Fries Bros., Inc., New York, N. Y. Ultraviolet light filter compound. 2,369,084; Feb. 6.

Stocker, Closman P., et al.: *See*—
Hoge, Henry M., assignor.
Pohm, George H., assignor.

Stocker, William M., Hollis, assignor to Cameron Machine Company, Brooklyn, N. Y. Slitting machine. 2,367,974; Jan. 23.

Stocking, Roderick P.: *See*—
Pickett, E. L., Leger and Stocking.

Stocking, Willard Y., Scarsdale, N. Y. Molding containers. 2,387,778; Oct. 30.

Stockman, William M., New York, N. Y. Cutting implement. 2,373,203; Apr. 10.

Stockstrom, Arthur, assignor to American Stove Company, St. Louis, Mo. Thermoresponsive device. 2,376,631; May 22.

Stockstrom, Arthur, E. H. Kahler, and V. Morrill, Jr., assignors to American Stove Company, St. Louis, Mo. Burner. 2,372,611; Mar. 27.

Stockton, Franklin: *See*—
Schoonmaker, J. M., Jr., and Stockton.

Stoeckert, Isidor, Ridgewood, N. Y. Sanitary detachable pocket. 2,389,697; Nov. 27.

Stoehr, Roila G., Chatham, Ontario, Canada, assignor to Weaver Manufacturing Company, Springfield, Ill. Tire-casing spreading and inspecting machine. 2,375,595; May 8.

Stoffel, Lester L., Lakewood, assignor to The Ohio Carbon Company, Cleveland, Ohio. Resistor for spark plugs. 2,366,757; Jan. 9.

Stoffel, Lester L., Lakewood, assignor to The Ohio Carbon Company, Cleveland, Ohio. Resistor for spark plugs. 2,369,186; Feb. 13.

Stoffel, Lester L., Lakewood, assignor to The Ohio Carbon Company, Cleveland, Ohio. Making resistors. 2,385,386; Sept. 25.

Stoffel, Lester L., Lakewood, assignor to The Ohio Carbon Company, Cleveland, Ohio. Resistor for spark plugs. 2,389,466; Nov. 20.

Stoffel, Lester L., Lakewood, and A. A. Stark, assignors to The Ohio Carbon Company, Cleveland, Ohio. Electrical connector. 2,389,467; Nov. 20.

Stoffel Seals Company, Incorporated: *See*—
Stelzer, William, assignor.

Stogner, Lawrence B.: *See*—
Dunlap, C. K., and Stogner.

Stogsdill, Sherman L., Webster Groves, assignor to Central Mine Equipment Co., St. Louis, Mo. Mining drill and bit. 2,372,612; Mar. 27.

Stohldreier, William C.: *See*—
Morris, J. J., and Stohldreier.

Stokes, F. J., Machine Company: *See*—
Flosdorf, E. W., Westin and Stokes, assignors.
Stokes, F. J. Jr., and Bailey, assignors.
Strauss, William, assignor.

Stokes, Francis J., Jr.: *See*—
Flosdorf, E. W., Westin, and Stokes.

Stokes, Francis J., Jr., Philadelphia, and L. H. Bailey, Cheltenham, assignors to F. J. Stokes Machine Company. Molding press. 2,389,561; Nov. 20.

Stokes, John C., assignor to Reed Roller Bit Company, Houston, Tex. Core taking apparatus. 2,381,844; Aug. 7.

Stokes, John C., assignor to Reed Roller Bit Company, Houston, Tex. Pressure core drilling apparatus. 2,381,845; Aug. 7.

Stokes, John C., assignor to Reed Roller Bit Company, Houston, Tex. Side hole coring device. 2,386,514; Oct. 9.

Stokes, Joseph, Rubber Co., Inc.: *See*—
Laning, Edwin R., assignor.

Stokes, Philip H., Stratford-on-Avon, assignor to H. M. Hobson (Aircraft & Motor) Components Limited, Somerset, England. Regulating device for controlling the supply of fuel to internal-combustion engines. 2,374,844; May 1.

Stokes, Roscoe N.: *See*—
Cobb, Everett H., assignor.

Stokes & Smith Company: *See*—
Federwitz, T. A., and Grotewold, assignors.
Sonneborn, J. R., and Albertson, assignors.

Stokes, Stanley C.: *See*—
Gee, G., and Stokes.

Stokes, William E., Garden City, and W. E. Barch, Farmingdale, assignors to Standard Brands Incorporated, New York, N. Y. Interstitially coated compound and making the same. 2,372,402; Mar. 27.

Stokoe, Edna B., Los Angeles, Calif. Ornament. 2,387,475; Oct. 23.

Stokoe, Frederick L., Chicago, Ill. Ash storage and conveying apparatus. 2,379,998; July 10.

Stolberg, William G.: *See*—
Kerr, W., and Stolberg.

Stoll, Charles C., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Apparatus and coating. 2,384,500; Sept. 11.

Stoll, Henry C., Jackson Heights, N. Y. Universal vise. 2,383,170; Aug. 21.

Stoll, Willy: *See*—
Grün, A., and Stoll.

Stolte, Richard C., Birmingham, assignor to General Motors Corporation, Detroit, Mich. Steering by braking. 2,375,959; May 15.

Stoltenberg, Delbert H., Toledo, Ohio. Spark plug. 2,367,445; Jan. 16.

Stone, Albert L., Palos Verdes Estates, Calif. Building up tubular joint. 2,390,624; Dec. 11.

Stone, Albert L., Palos Verdes Estates, and J. H. Appleton, assignors to Hydril Company, Los Angeles, Calif. Lathe and turret mill. 2,368,499; Jan. 30.

Stone, Albert R., Belair, Md. Self-locking hydraulic linkage. 2,387,307; Oct. 23.

Stone, Arthur P.: *See*—
Poole, C. E., and Stone.

Stone, Carl R., assignor to Crane Co., Chicago, Ill. Valve indicator. 2,367,651; Jan. 16.

Stone, Charles, Brooklyn, N. Y. Girdle. 2,381,232; Aug. 7.

Stone, Earll R., Lansdowne, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Stoker apparatus. 2,391,600; Dec. 25.

Stone, Estella E., et al.: *See*—
Peters, M. F., and Stone.

Stone, Harry A., assignor to J. H. Gledhill, Philadelphia, Pa. Salesman's order pad or the like. 2,370,377; Feb. 27.

Stone, J., & Company, Limited: *See*—
Chilton, Alfred H., assignor.
Chilton, A. H., and Nixon, assignors.
Murphy, A. J., and Callis, assignors.
Nixon, Leslie B., assignor.

Stone, John T., Baltimore, Md. Cutting and beveling machine. 2,377,844; June 5.

Stone, John T., Baltimore, Md. Power scissors. 2,384,205; Sept. 4.

Stone, Morris D.: *See*—
Johnson, L., Jr., and Stone.

Stone, Morris D., and F. J. Cleve, assignors to United Engineering and Foundry Company, Pittsburgh, Pa. Hydraulic press. 2,387,190; Oct. 16.

Stone, Noah, Bronx, assignor to Setrite Products Corporation, New York, N. Y. Hair curler. 2,378,872; June 19.

Stone, Noah, assignor to Syndicate Products Co., New York, N. Y. Folding box. 2,379,665; July 3.

Stone, Obed W., Webster Groves, Mo. Insect killer. 2,373,428; Apr. 10.

Stone, R. Harry: *See*—
Peters, Melville F.

Stone, Ralph K., Elmhurst, Ill., and F. O. Brougham, assignors to United States Envelope Company, Springfield, Mass. Envelope. 2,389,747; Nov. 27.

Stone, Raymond, Chicago, Ill. Flexible coated sheet material. 2,371,001; Mar. 6.

Stone, Robert L.: *See*—
Thompson, L., and Stone.

Stone, Robert L., Orange, assignor to The Soundscriber Corporation, New Haven, Conn. Apparatus for controlling the speed of phonograph turntables. 2,369,085; Feb. 6.

Stone, Roslyn, and A. R. Levine, New York, N. Y. Nipple piercing needle for nurseries. 2,382,032; Aug. 14.

Stone, Roy A., assignor to National Lock Company, Rockford, Ill. Metal cabinet hinge. 2,385,169; Sept. 18.

Stone, Seymour, assignor to R. L. Berenson, New York, N. Y. Electric steam iron. 2,368,048; Jan. 23.

Stone Wheel Inc.: *See*—
Moran, Edward L., assignor.

Stonehill, Albert A., Brooklyn, N. Y., assignor to Johnson & Johnson, New Brunswick, N. J. Dental floss. 2,381,142; Aug. 7.

Stoner, Arthur M., West Hartford, assignor to The Jacobs Manufacturing Company, Hartford, Conn. Chuck. 2,372,691; Apr. 3.

Stoner, Arthur M., West Hartford, assignor to The Jacobs Manufacturing Company, Hartford, Conn. Collet. 2,374,245; Apr. 24.

Stoner, Marvin Le R., Elizabeth, N. J., assignor to Curtiss-Wright Corporation. Control mechanism for airplanes. 2,376,731; May 22.

Stoner-Mudge, Inc.: *See*—
Young, George H., assignor.

Stoner, Thomas A., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,372,860; Apr. 3.

Stookey, Kenneth W., assignor to The Gas Machinery Company, Cleveland, Ohio. Industrial furnace. 2,379,196; June 26.

Stoops, William N., South Charleston, C. E. Staff, Charleston, W. Va., and H. F. Wakefield, Bloomfield, N. J., assignors to Carbide and Carbon Chemicals Corporation. Electrical insulation. 2,375,960; May 15.

Stop-Motion Devices Corp.: *See*—
Vossen, Edward, assignor.

Storch, Harold A., Fairview Village, assignor to Harris Products Company, Cleveland, Ohio. Flexible mounting device. 2,389,562; Nov. 20.

Storm, Carl T. and L. H., Detroit, Mich. Motor vehicle identification tag holder. 2,388,349; Nov. 6.

Storm, Herbert F., assignor to Chicago Flexible Shaft Company, Chicago, Ill. Electric governor. 2,376,522; May 22.

Storm, Louise H.: *See*—
Storm, Carl T. and L. H.

Storm Manufacturing Company, Inc.: *See*—
Olsson, Olov J. E., assignor.

Storment, Joseph E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Diolefin recovery. 2,386,366; Oct. 9.

Storrs, Kindred L., Salt Lke City, Utah. Smelter. 2,374,713; May 1.

Storrs, Kindred L., Salt Lake City, Utah. Mining coal. 2,390,562; Dec. 11.

Story, Edward B., Bethel Township, Allegheny County, assignor to A. M. Byers Company, Pittsburgh, Pa. Lining rotary furnaces. 2,368,270; Jan. 30.

Story, Le Roy G., White Plains, assignor, by mesne assignments, to The Texas Company, New York, N. Y. Manufacture of motor fuels. 2,373,612; Apr. 10.

Story, Thomas E., Cleveland, Ohio. Signal switch. 2,375,393; May 8.

Stott, Harold B., Glen Olden, Pa., assignor to Radio Corporation of America. Variable tuning system. 2,390,009; Nov. 27.

Stott, Harold R., Philadelphia, Pa. Dispensing bottle. 2,370,820; Mar. 6.

Stott, Harold R., Philadelphia, Pa. Paper roll holder. 2,370,821; Mar. 6.

Stoudt, Thearon G., West Reading, assignor to Textile Machine Works, Wyomissing, Pa. Coil spring appliance. 2,370,111; Feb. 20.

Stough, Kenneth K.: *See*—
Carnagua, H. E., and Stough.

Stoughton, Roger W., Nashville, Tenn., assignor to Mallinckrodt Chemical Works, St. Louis, Mo. Derivatives of 2,4-oxazolidinedione. 2,372,861; Apr. 3.

Stout Houses, Incorporated: *See*—
Hill, Douglas G. B., assignor.

Stout, William E., Baltimore, Md. Cushioned shoe heel. 2,370,889; Mar. 6.

Stover, Albert M., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Method of preparing aqueous dispersions of reclaimed rubber. 2,377,052; May 29.

Stover, Clyde N., Towson, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for insulating electrical conductors. 2,387,191; Oct. 16.

Stover, Clyde N., Towson, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for wrapping elongated articles. 2,388,018; Oct. 30.

Stover, Harry E., Leonia, N. J., and J. G. Kosar, Ridgewood, N. Y., assignors to Anchor Hocking Glass Corporation, Lancaster, Ohio. Method and apparatus for making closures. 2,369,763; Feb. 20.

Stover, Willard L., Amarillo, Tex. Winch cable guide. 2,380,801; July 31.

Stow, Clarence E., assignor of one-fourth to E. R. Guthrie, one-fourth to H. J. Anderson, and one-eighth to R. L. Fuller, Kansas City, Mo. Pouring attachment for bottles. 2,384,206; Sept. 4.

Stow Manufacturing Co.: *See*—
Eisenbeis, George G., assignor.

Stowe, Stephen C.: *See*—
Hooker, G. W., Drake, and Stowe.
Hooker, G. W., and Stowe.
Hooker, G. W., Stowe, and Drake.

Stowe, Stephen C., assignor to The Dow Chemical Company, Midland, Mich. Recovery of isoprene from hydrocarbon mixtures comprising same and piperylene. 2,381,409; Aug. 7.

Stowe, Vernon M.: *See*—
Riesmeyer, A. H., and Stowe, assignors.

Stowell, Harold T., Washington, D. C., assignor to Research Corporation, New York, N. Y. Air conditioning. 2,389,698; Nov. 27.

Stowill, Harold T.: *See*—
Kerschbaum, Friedrich P., assignor.

Stoye, Lothar H., San Leandro, Calif. Sand trap. 2,384,207; Sept. 4.

Stoyle, Gordon W., Wollaston, Mass. Hydrosol of Irish moss and preparing the same. 2,375,259; May 8.

Strib, Hermann, Stuttgart, Germany; vested in the Alien Property Custodian. Metallized paper and making the same. 2,367,152; Jan. 9.

Strahle, Joseph F., Strood, assignor to Gyproc Products Limited, London, England. Coating articles with an impermeable cloth, felt, or the like. 2,377,979; June 12.

Strachovsky, Nikita B., assignor to Lord Manufacturing Company, Erie, Pa. Mounting. 2,380,899; July 31.

Straight, Halver R., Adel, Iowa. Manufacture of ceramic wares. 2,388,446; Nov. 6.

Straight, Halver R., Adel, Iowa. Making graphite pencil leads and similar articles. 2,388,447; Nov. 6.

Strain, Daniel E.: *See*—
McAlevy, A., Strain, and Chance.

Strain, Franklin: *See*—
Muskat, I. E., and Strain.
Pollack, M. A., Muskat, and Strain.

Strain, Franklin, Norton Center, Ohio, assignor to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Organic percarbonates. 2,370,588; Feb. 27.

Strain, Franklin, Barberton, assignor to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Organic peroxide. 2,374,789; May 1.

Strain, Franklin, Barberton, Ohio, assignor to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Unsaturated esters. 2,379,261; June 26.

Strain, Franklin, Barberton, and F. E. Küng, Akron, Ohio, assignors to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Unsaturated carbonate esters. 2,370,589; Feb. 27.

Strain, Franklin, Barberton, and F. E. Küng, Akron, Ohio, assignors to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Unsaturated carbonate esters. 2,377,111; May 29.

Strain, Franklin, Barberton, and F. E. Küng, Akron, Ohio, assignors to Pittsburgh Plate Glass Company. Vinyl esters. 2,384,143; Sept. 4.

Strain, William H.: *See*—
Dickey, J. B., Towne, and Strain.

Strain, William H., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Producing morpholine compounds. 2,381,935; Aug. 14.

Strain, William H., Rochester, N. Y., J. T. Plati, Passaic, N. J., and S. L. Warren, Oak Ridge, Tenn., assignors of one-half to Noned Corporation, and one-half to Eastman Kodak Company, Rochester, N. Y. Bis esters of iodinated phenyl aliphatic carboxylic acids. 2,386,640; Oct. 9.

Strain, Lloyd A., Washington, D. C. Fracture apparatus. 2,387,192; Oct. 16.

Strain, Frank M.: *See*—
Johnson, J. M., and Straka.

Strand Ski Company: *See*—
Burr, J. H., and Driscoll, assignors.

Strandberg, Ray U., Brooklyn, assignor to Standard Brands Incorporated, New York, N. Y. Sheet cutter. 2,376,460; May 22.

Strandlund, Carl G., assignor to Deere & Company, Moline, Ill. Plow. 2,383,022; Aug. 21.

Strandlund, Carl G., assignor to Deere & Company, Moline, Ill. Plow. 2,384,406; Sept. 4.

Strang, Earl A., Waukegan, Ill. Tuyère block. 2,373,792; Apr. 17.

Strang, Harold E., Ardmore, Pa., assignor to General Electric Company. Electric switch. 2,379,761; July 3.

Strang, Harold E., Ardmore, Pa., assignor to General Electric Company. Control of electric switches. 2,380,802; July 31.

Strang, Harold E., Ardmore, G. M. Reed, Upper Darby, and L. J. Linde, Drexel Hill, Pa., assignors to General Electric Company. Circuit-interrupting device. 2,385,658; Sept. 25.

Strang, Harold E., Ardmore, Pa., and J. W. Butler, Schenectady, N. Y., assignors to General Electric Company. Protective system. 2,389,007; Nov. 13.

Strange, John P., Wilkinsburg, assignor to Mine Safety Appliances Company, Pittsburgh, Pa. Oxygen flow regulator. 2,378,047; June 12.

Strasburger & Siegel: *See*—
Woodward, Hiram W., assignor.

Strasdin, Raymond F.: *See*—
Andersen, B., and Strasdin.

Strasnick, Charles, Revere, Mass. Shoe. 2,379,384; June 26.

Strassberger, Lothar: *See*—
Serini, A., Köster, and Strassberger.

Strassburger, Julius H., Steubenville, Ohio., assignor to National Steel Corporation. Heating furnace. 2,389,419; Feb. 13.

Strassburger, William J., and V. W. Hunter, Pittsburgh, Pa., assignor to Grant Building, Incorporated. Luminaire for use with tubular fluorescent lamps. 2,385,040; Sept. 18.

Stratford, Charles W., assignor to Stratford Development Corporation, Kansas City, Mo. Atomizing evaporator. 2,368,049; Jan. 23.

Stratford Development Corporation: *See*—
Stratford, Charles W., assignor.

Stratford, William M., assignor to The Texas Company, New York, N. Y. Conversion of hydrocarbon oils. 2,382,270; Aug. 14.

Strathmore Paper Company: *See*—
Riggs, H. E., and Griswold, assignors.

Stratton, Cleo C., Ballinger, Tex. Aircraft landing wheel. 2,377,280; May 29.

Stratton, Jerry L., Schenectady, N. Y., assignor to General Electric Company. Electric circuit. 2,378,807; June 19.

Stratton, Michael G., Weston, assignor to Compo Shoe Machinery Corporation, Boston, Mass. Shoe last. 2,370,502; Feb. 27.

Stratton, Michael G., Weston, assignor to Compo Shoe Machinery Corporation, Boston, Mass. Manufacture of footwear. 2,385,554; Sept. 25.

Straub, Ralph: *See*—
Keuffel, A. W., and Straub.

Straubel, Clarence W., assignor to The General Fireproofing Company, Youngstown, Ohio. Drawer suspension. 2,346,757; Oct. 16.

Straumann, Reinhard, Waldenburg, near Basel, Switzerland. Magnetic escapement for timepieces. 2,373,429; Apr. 10.

Straumann, Reinhard, Waldenburg, Switzerland. Magnetic escapement. 2,376,461; May 22.

Strauss, Alfred, and E. G. Feltman, Chicago, M. M. Hunt, Park Ridge, and W. D. Harbaugh, Evanston, Ill., assignors to A. F. Dormeyer Mfg. Co. Power unit for food processors. 2,372,862; Apr. 3.

Strauss, Charles, assignor to Arvey Corporation, Chicago, Ill. Dispensing rack. 2,389,092; Nov. 13.

Strauss, Edward E.: *See*—
Steckbart, B., and Strauss.

Strauss, Frank A., New Brighton, Staten Island, N. Y., assignor to Wecoline Products, Inc., Boonton, N. J. Plastic compositions containing caprylic acid esters. 2,372,522; Mar. 27.

Strauss, Hermann M. A., Chicago, and W. D. Harbaugh, Evanston, Ill., assignors to A. F. Dormeyer Mfg. Co. Food mixer. 2,368,897; Feb. 6.

Strauss, Ray C., Madison, Wis. Carrier unit. 2,387,779; Oct. 30.

Strauss, Theodore O., New York, N. Y. Internal-combustion engine. 2,377,459; June 5.

Strauss, William, Philadelphia, Pa., assignor to F. J. Stokes Machine Company. Operation check and control system for molding machines. 2,371,077; Mar. 6.

Strauss, William, Philadelphia, Pa., assignor to F. J. Stokes Machine Company. Automatic molding press. 2,371,195; Mar. 13.

Strauss, William, Philadelphia, Pa., assignor to F. J. Stokes Machine Company. Push-off device. 2,380,084; July 10.

Strauss, William, Philadelphia, Pa., assignor to F. J. Stokes Machine Company. Loading device. 2,385,311; Sept. 18.

Strauss, William, Philadelphia, Pa., assignor to F. J. Stokes Machine Company. Operation check and control system for molding machines. 2,391,362; Dec. 18.

Straussberger, Hans J., Brooklyn, N. Y., assignor to Alfred Hofmann, Inc., West New York, N. J. Forming of welts in straight knitting machines. 2,387,780; Oct. 30.

Straussler, Nicholas, London, S. W. 1, England. Imparting buoyancy to vehicles. 2,390,747; Dec. 11.

Straw, Clayton, Henniker, N. H., assignor to H. B. Davis, Jr., Winchester, Mass. Staying paper boxes. 2,367,698; Jan. 23.

Straw, Jesse H., assignor to The Sheffield Corporation, Dayton, Ohio. Gauging device. 2,370,503; Feb. 27.

Straw, Jesse H., assignor to The Sheffield Corporation, Dayton, Ohio. Gauging device. 2,387,814; Oct. 30.

Strawn, Lynn R., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Catalytically converting hydrocarbons by the action of liquid aluminum halide-hydrocarbon complex. 2,389,651; Nov. 27.

Strean, Lyon P., Montreal, Quebec, Canada, assignor, by mesne assignments, to Ayerst, McKenna & Harrison (United States) Limited, Rouses Point, N. Y. Whooping cough endotoxin. 2,371,002; Mar. 6.

Strean, Lyon P., assignor to Ayerst, McKenna & Harrison Limited, Montreal, Quebec, Canada. Therapeutic substance for measles. 2,386,725; Oct. 9.

Streander, Philip B., Maplewood, N. J. Filter bed cleaning. 2,389,329; Nov. 20.

Streater, Edward C., Spring Park, assignor to John Brayley, Minneapolis, Minn., as trustee. Toy excavator. 2,382,346; Aug. 14.

Streater, Edward C., Spring Park, assignor to John Brayley, Minneapolis, Minn., as trustee. Toy helicopter. 2,382,347; Aug. 14.

Strebel, Charles J., et al.: *See*—
Plebanek, Leonard Z., assignor.

Strebinger, Richard R., assignor to Bendix Aviation Corporation, South Bend, Ind. Carburetor. 2,376,732; May 22.

Streck, Clemens: *See*—
Von Glahn, W. H., Walsh, and Streck.

Street, Donald T., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Ophthalmic instrument. 2,386,012; Oct. 2.

Streeter-Amet Company: *See*—
Basquin, Olin H., assignor.
Brendel, Max E., assignor.
Roeser, Harry M., assignor.

Streicher, Johann S., assignor to The American Platinum Works, Newark, N. J. Platinum metal catalysts and the manufacture thereof. 2,384,501; Sept. 11.

Streicher, Johann S., assignor to The American Platinum Works, Newark, N. J. Preventing corrosion by phosphorus. 2,384,502; Sept. 11.

Streifeneder, Ludwig: *See*—
Hardt, L. L., and Streifeneder.

Streuber, Fred L., Astoria, N. Y. Apparatus for cleaning roller bearings. 2,369,498; Feb. 13.

Streuli, Emil, assignor to Groh & Co., A. G., Horgen, Switzerland. Heddle frame for looms. 2,380,124; July 10.

Streuli, Paul: *See*—
Graenacher, C., Streuli, and Meyer.

Strickarz, John J.: *See*—
Deyrup, A. J. Ballard, and Strickarz.

Strickhouser, Sherman I., Edgewood, and E. C. Uhlig, Greenwood, R. I., assignors to United States Rubber Company, New York, N. Y. Battery separator. 2,382,829; Aug. 14.

Strickland, Barney R., Roselle, N. J., assignor to Standard Oil Development Company. Refining mineral oils. 2,375,596; May 8.

Strickland, Harold A., Jr., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Induction furnace construction. 2,373,719; Apr. 17.

Strickland, Harold A., Jr., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Adjustable stop mechanism. 2,379,463; July 3.

Strickland, Harold A., Jr., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Inductor apparatus. 2,381,143; Aug. 7.

Strickland, Harold A., Jr., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Synchronous motor generator connection. 2,381,373; Aug. 7.

Strickland, John E., Madison, Fla. Tree scraper. 2,384,976; Sept. 18.

Strickland, Randolph L., Rochester, and A. B. Segall, assignors to Detroit Aluminum & Brass Corp., Detroit, Mich. Bearing. 2,388,019; Oct. 30.

Strickler, John C., San Francisco, Calif., assignor to American Can Company, New York, N. Y. Sheet feeding and stacking apparatus. 2,373,149; Apr. 10.

Strickstrock, Hans: *See*—
Weiss, E., and Strickstrock.

Strid, Sven J., assignor to T & S Corporation, Chicago, Ill. Cotter pin assembly. 2,373,983; Apr. 17.

Strike, L. N.: *See*—
Pearson, Otto H., assignor.

Striker, George O., assignor to Zenith Radio Corporation, Chicago, Ill. Radio receiver. 2,378,663; June 19.

Striker, Hilda W.: *See* —
Eddy, Arnold, assignor.

Stringer, Charles E., Farnhamville, Iowa. Tongue for trailer vehicles. 2,366,294; Jan. 2.

Stringer, Charles E., Farnhamville, Iowa. Coupler. 2,366,295; Jan. 2.

Strobel, Charles K.: *See*—
Eskin, Samuel G., and Strobel.

Strobel, Charles K., Pittsburgh, assignor to Robertshaw Thermostat Company, Youngwood, Pa. Safety control for fuel burners. 2,379,113; June 26.

Strobel, Charles K., Pittsburgh, assignor to Robertshaw Thermostat Company, Youngwood, Pa. Safety control apparatus for fuel burners. 2,379,114; June 26.

Strobel, Charles K., Pittsburgh, assignor to Robertshaw Thermostat Company, Youngwood, Pa. Safety control for fuel burners. 2,380,125; July 10.

Strobel, Charles K., Pittsburgh, assignor to Robertshaw Thermostat Company, Youngwood, Pa. Control device. 2,381,784; Aug. 7.

Strobel, Charles K., Pittsburgh, assignor to Robertshaw Thermostat Company, Youngwood, Pa. Safety control and ignition system. 2,391,753; Dec. 25.

Strobel, Howard M., New York, N. Y. Device for magnetic control of a discharge. 2,381,317; Aug. 7.

Stroben, George H., Detroit, Mich. Concrete form clamp. Re. 22,644; May 22.

Strobino, Louis J., Bethel, Conn. Making flexible protective shields. 2,367,446; Jan. 16.

Strobl, Samuel, Chicago, Ill. Die stop for punch presses. 2,377,824; June 5.

Stroh, George, Jr.: *See*—
Bourke, T. N., and Stroh.

Strom, Albert P., Forest Hills, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit interrupter. 2,389,392; Nov. 20.

Strom, Carl S., assignor to United States Gypsum Company, Chicago, Ill. Wall construction. 2,368,620; Feb. 6.

Strom, Leonard G.: *See*—
Leach, L. D., and Strom.

Strome, Monte P., and J. Lieberman, New York, N. Y. Gum massager. 2,373,430; Apr. 10.

Stromeier, Gustav, Berlin-Charlottenburg, Germany; vested in the Alien Property Custodian. Axle box seal. 2,377,387; June 5.

Stromberg-Carlson Company: *See*—
Howell, Arthur S., assignor.
Powell, Winfred T., assignor.

Strong, James H., Highstown, N. J. Parachute canopy. 2,374,627; Apr. 24.

Strong, James H., Windsor, N. J. Low altitude bomb. 2,377,587; June 5.

Strong, Judson, Great Neck, N. Y., assignor to The H. A. Wilson Company, Newark, N. J. Bimetallic actuator. 2,382,182; Aug. 14.

Strong, Jules Q., Clayton, assignor of fifty-five percent to C. W. Mathieson, Sedalia, Mo., and fifteen percent to P. H. Lamphere, Denver, Colo. Shoe construction. 2,377,460; June 5.

Strosnider, Bush, Ashland, Ky. Door or gate closer. 2,385,590; Sept. 25.

Stross, Fred H.: *See*—
Anderson, A. P., and Stross.

Strother, Fred P., Minneapolis, Minn., assignor to Sears, Roebuck and Co., Chicago, Ill. Coffee maker. 2,386,278; Oct. 9.

Stroud, William F., Humber Bay, Ontario, Canada, assignor to Neptune Meters Limited. Magnetic lock. 2,384,208; Sept. 4.

Stroup, Philip T., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Producing aluminum base alloys. 2,377,281; May 29.

Stroup, Philip T., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Thermal treatment. 2,380,202; July 10.

Stroup, Philip T., and G. F. Sager, New Kensington, assignors to Aluminum Company of America, Pittsburgh, Pa. Purification of magnesium. 2,373,515; Apr. 10.

Stroup, Philip T., and G. F. Sager, New Kensington, assignors to Aluminum Company of America, Pittsburgh, Pa. Purification of magnesium. 2,373,516; Apr. 10.

Stroup, Philip T., and G. F. Sager, New Kensington, assignors to Aluminum Company of America, Pittsburgh, Pa. Magnesium base alloy. 2,380,200; July 10.

Stroup, Philip T., and G. F. Sager, New Kensington, assignors to Aluminum Company of America, Pittsburgh, Pa. Manufacture of castings. 2,380,201; July 10.

Strout, Leeman F., assignor to F. A. Bartlett Tree Expert Company, Stamford, Conn. Hose coupling. 2,367,447; Jan. 16.

Structural Specialties, Inc.: *See*—
Rilliston, Seymour E., assignor.

Strunk, John H., Abilene, Kans. Material handling apparatus. 2,377,112; May 29.

Struuk, Kenith G.: *See*—
Haas, S. V., Jr., and Strunk.

Strupp, Herbert A., Evansville, Ind. Shoe heel. 2,378,511; June 19.

Struthers Wells Corporation: *See*—
Gasche, Fred, assignor.

Stuart, Alexander H., assignor to John Widdicomb Company, Grand Rapids, Mich. Scarfing device. 2,375,447; May 8.

Stuart, Alfred A., Jr., Hasbrouck Heights, assignor to Bendix Aviation Corporation, Teterboro, N. J. Magnetic compass. Re. 22,699; Nov. 27.

Stuart, Clarence C., Pontiac, assignor to Mechanical Handling Systems, Inc., Detroit, Mich. Haulaway trailer construction. 2,385,115; Sept. 18.

Stuart, Clarence C., Pontiac, assignor to Mechanical Handling Systems, Inc., Detroit, Mich. Transport vehicle. 2,391,363; Dec. 18.

Stuart, Fred W., Cincinnati, Ohio, assignor to Perfex Corporation, Milwaukee, Wis. Stoker damper control. 2,372,863; Apr. 3.

Stuart, G. A., et al.: *See*—
Bruen, George C., assignor.

Stuart, Henry J., Milford, assignor to I. Newman & Sons, Inc., New Haven, Conn. Tape and method of reinforcing. 2,387,416; Oct. 23.

Stuart, James L.: *See*—
Terraneau, R., and Stuart.

Stuart, James L., Sewickley, and O. Von Voigtlander, Mount Lebanon, Pa. Reinforced concrete pipe line construction. 2,378,593; June 19.

Stuart, Joseph, II: *See*—
Norman, G. M., and Stuart.

Stuart, Joseph, II, Wilmington, Del. Electric detonator. 2,389,086; Nov. 13.

Stuart, Kenneth E., assignor to Hooker Electrochemical Company, Niagara Falls, N. Y. Electrolytic alkali halogen cells. 2,370,086; Feb. 20.

Stuart, Kenneth E., assignor to Hooker Electrochemical Company, Niagara Falls, N. Y. Electrolytic alkali halogen cells. 2,370,087; Feb. 20.

Stuart, Robert W., Fort Sill, assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Drill mud logging recording system or the like. 2,369,811; Feb. 20.

Stuart, Wallace A., et al.: *See*—
Perry, Edward W., assignor.

Stubbins, William L., Toronto, Ontario, Canada. Automatic control device for electric contacts. 2,379,197; June 26.

Stubner, Franz W., Port Washington, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sealed reed contact unit. 2,370,203; Feb. 27.

Stuck, Harold D., Andover, assignor to John W. Bolton & Sons, Inc., Lawrence, Mass. Jordan engine lining. 2,366,367; Jan. 2.

Stucke, John, Philadelphia, Pa. Power plant. 2,383,996; Sept. 4.

Stucker, Joseph B., Wilmington, Del., assignor to The Pure Oil Company, Chicago, Ill. Lubricant. 2,382,-115; Aug. 14.

Stuckey, Albert D. C.: *See*—
Decker, J., and Stuckey.

Studebaker Corporation, The: *See*—
Butzbach, Orville K., assignor.
Michalloff, Alexander, assignor.

Stuebing, William, Jr., Cincinnati, Ohio. Lift truck. 2,389,563; Nov. 20.

Stuebing, William, Jr., Cincinnati, Ohio. Binding strip apparatus. 2,389,699; Nov. 27.

Stueland, Harold M., East Moline, assignor to Deere & Company, Moline, Ill. Clutch and brake assembly. 2,381,318; Aug. 7.

Stuellein, William H.: *See*—
May, J. W., Stuellein, and Horn.

Stufft, Paul C., assignor to Pemco Corporation, Baltimore, Md. Production of super opaque vitreous enamels. 2,370,695; Mar. 6.

Stuhlfauth, George, Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for bonding one article to another. 2,380,269; July 10.

Stuhlman, Frank A., Forest Park, and L. B. Berg, assignors to Borg-Warner Corporation, Chicago, Ill. Pinch type comb. 2,369,990; Feb. 20.

Stuhlman, Frank A., Forest Park, assignor to Borg-Warner Corporation, Chicago, Ill. Control for platens. 2,379,840; July 3.

Stuhlman, Frank A., Forest Park, and A. W. Doderer, assignors to Borg-Warner Corporation, Chicago, Ill. Adjusting mechanism for rolling machines. 2,382,517; Aug. 14.

Stull, John S.: *See*—
Sirp, E., and Stull.

Stull, John S., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Tape dispenser. 2,384,575; Sept. 11.

Stuller, Frank G.: *See*—
Lind, A. C., and Stuller.

Stults, Harold L.: *See*—
Stults, Ruth K. and H. L.

Stults, Ruth K. and H. L., New York, N. Y. Article for cleaning. 2,370,088; Feb. 20.

Stults, Posy G., Roanoke, Va., assignor to C. M. O'Boyle, Wilmington, Del. Device for straightening freight car ends and the like. 2,371,659; Mar. 20.

Stumpf, Thea, Frankfort-on-the-Main, Germany; vested in the Alien Property Custodian. Pin for temporary fastening of buttons. 2,370,696; Mar. 6.

Stupakoff Ceramic & Manufacturing Co.: *See*—
Stark, Rawson E. and D. E., assignors.
Stupakoff, Semon H., assignor.

Stupakoff Laboratories, Inc.: *See*—
Bent, J. H., and Pearson, assignors.

Stupakoff, Semon H., Pittsburgh, assignor, by mesne assignments, to Stupakoff Ceramic and Manufacturing Co., Latrobe, Pa. Composite ceramic and metal structure and making of same. 2,373,720; Apr. 17.

Sturbelle, Lucien C., Brussels, Belgium. Leaching method and apparatus. 2,388,504; Nov. 6.

Sturgeon, Marmaduke T., Baltimore, Md. Folding chair. 2,388,498; Jan. 30.

Sturgess, Inc.: *See*—
Cushman, Everett B., assignor.

Sturgis, Henry F., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Analyzing earth formations. 2,379,045; June 26.

Sturth, Fred A., Paterson, N. J. Marking crayon. 2,380,126; July 10.

Sturm, Walter A., Los Angeles, Calif. Screw thread repairing device. 2,374,393; Apr. 24.

Sturt, Margaret T., Haddon Heights, N. J. Jar lifter. 2,388,623; Nov. 6.

Sturrock, James, Cleveland Heights, Ohio, assignor to The Rotor Tool Company. Fluid power motor. 2,373,669; Apr. 17.

Sturrock, Murray G., and T. Lawe, assignors to Dominion Tar & Chemical Company Limited, Montreal, Quebec, Canada. Production of styrenes and other products. 2,373,982; Apr. 17.

Sturtevant, B. F., Company: *See*—
Curtis, Harold W., assignor.
Foss, Benjamin S., assignor.
Hagen, Harold F., assignor.
Hanson, Milton E., assignor.
Hanson, M. E., and Palmer, assignors.
Lincoln, Roland L., assignor.
Salt, Lloyd B., assignor.
Stikeleather, Robert M., assignor.
Young, George H., assignor.

Sturtevant, Paul A., Elmhurst, Ill. Force transmitting measuring mechanism. 2,385,591; Sept. 25.

Stuttman, Paul W., Waltham, assignor to Raytheon Manufacturing Company, Newton, Mass. Secondary electron discharge device. 2,381,012; Aug. 7.

Stutz, Robert C.: *See*—
Schoepflin, P. H., Deverall, and Stutz.

Styberg, E. C., Engineering Co.: *See*—
Styberg, Ernest C., assignor.

Styberg, Ernest C., assignor to E. C. Styberg Engineering Co., Racine, Wis. Grinder. 2,367,069; Jan. 9.

Styers, Paul R., Massillon, Ohio. Airplane pilot's seat. 2,379,385; June 26.

Styll, Harry H., assignor to American Optical Company, Southbridge, Mass. Light polarizing body. 2,387,308; Oct. 23.

Styri, Haakon, Philadelphia, Pa. Cage for roller bearings. 2,371,145; May 1.

Suarez, Luis, Rio de Janeiro, Brazil. Mosquito canopy for beds. 2,375,503; May 8.

Submarine Signal Company: *See*—
Batchelder, Laurence, assignor.
Grabau, William C., assignor.
Harrison, Bertram M., assignor.

Sucetti, Glenn: *See*—
Goodrich, H. R., and Sucetti.

Suda, John S.: *See*—
Bowden, J. J., and Suda.

Suelflow, Alfred G.; G. I. Hansen, executor of said A. G. Suelflow, deceased, assignor to Felins Tying Machine Company, Milwaukee, Wis. Vegetable root washer. 2,370,504; Feb. 27.

Suggate, Harold G.: *See*—
Kendall, J. D., Suggate, and Wood.

Suhm, Rosa: *See*—
Heidenbach, Ledger L., assignor.

Suhr, Fred W., and W. W. Warner, Fort Wayne, Ind., assignors to General Electric Company. Quick reversing single phase motor. 2,380,270; July 10.

Suits, Chauncey G., Schenectady, assignor to General Electric Company, New York, N. Y. High intensity light source. 2,390,816; Dec. 11.

Suits, Chauncey G., Schenectady, N. Y., and G. F. Lincks, Pittsfield, Mass., assignor to General Electric Company. Current limiting fuse. 2,382,271; Aug. 14.

Suk, Richard: *See*—
De Lubicz-Bakanowski, Z., and Suk.

Sukumlyn, Thomas W., Los Angeles, Calif. Producing optical wedges. 2,384,209; Sept. 4.

Sullivan, David J.: *See*—
Edgar, D. E., and Sullivan.

Sullivan, Frances J., Los Angeles, Calif. Cockroach capturing device. 2,372,747; Apr. 3.

Sullivan, George C.: *See*—
Ward, Earl M., assignor.

Sullivan, George C., Los Angeles, assignor to Lockheed Aircraft Corporation, Burbank, Calif. Aircraft. 2,367,538; Jan. 16.

Sullivan, James F., Brooklyn, and R. M. Bendett, Jackson Heights, N. Y., assignors to Bendix Aviation Corporation, Bendix, N. J. Electrical apparatus. 2,367,975; Jan. 23.

Sullivan, John D.: *See*—
Austin, C. R., and Sullivan.

Sullivan, John D., and A. E. Pavlish, Columbus, Ohio, assignor, by mesne assignments, to Battelle Development Corporation. Coating cupreous metal with tin. 2,369,620; Feb. 13.

Sullivan Machinery Company: *See*—
Baldwin, C. P., and Vanderzee, assignors.
Curtis, John C., assignor.
Dustin, Ralph C., assignor.
Hayward, John A., assignor.
Maxson, Louis A., assignor.
Osgood, C. F., assignor.
Paget, Win W., assignor.
Simmons, Leon E., assignor.
Wineman, Wade H., assignor.

Sullivan, Mathew D., Flint, Mich. Trailer suspension. 2,386,988; Oct. 16.

Sullivan, Norman M., assignor to Plastic Cases, Inc., Columbus, Ohio. Spectacle case. 2,371,557; Mar. 13.

Sullivan, Robert J., and J. Miller, Houston, Tex., assignors to Standard Oil Development Company. Obtaining high pressure distillate samples. 2,380,271; July 10.

Sullivan, Timothy J., assignor to Sullivan Valve and Engineering Company, Butte, Mont. Heating system. 2,376,632; May 22.

Sullivan Valve and Engineering Company: *See*—
Schrader, Harold D., assignor.
Sullivan, Timothy J., assignor.

Sullivan, Warren L., assignor to Paragon Revolute Corporation, Rochester, N. Y. Strip feeding mechanism. 2,376,204; May 15.

Sullman, Samuel D., London, England. Electric battery torch lamp and the like. 2,379,603; July 3.

Sullwold, Richard H., Los Angeles, Calif., assignor to North American Aviation, Inc. Hydraulic system. 2,384,706; Sept. 11.

Sulzer Freres, S. A.: *See*—
Volks, Herbert, assignor.

Sulzer, Frères, Société Anonyme: *See*—
Huber, Walter, assignor.
Kilchenmann, Walter, assignor.
Lieberherr, Hans, assignor.
Moessinger, Albert, assignor.
Steiner, Hans, assignor.
Traupel, Walter, assignor.
Waeber, Erwin, assignor.

Suman, Robert W., Chicago, Ill., assignor to Link-Belt Company. Stoker. 2,387,781; Oct. 30.

Summerbell, William, Washington, D. C. Firing mechanism. 2,366,758; Jan. 9.

Summerbell, William, Watervliet, N. Y. Fuse. 2,367,699; Jan. 23.

Summers, Ernest W.: *See*—
Jackson, Albert S., and Summers.

Summers, J Mills, Englewood, N. J., assignor to Camloc Fastener Corporation, New York, N. Y. Fastener construction. 2,381,233; Aug. 7.

Summers, J Mills, Englewood, N. J., assignor, by mesne assignments, to Camloc Fastener Corporation, New York, N. Y. Fastener. 2,382,518; Aug. 14.

Summers, Otto M., assignor to The Hydraulic Development Corp., Mount Gilead, Ohio. Radial pump with trunnion mounting of shift ring. 2,371,078; Mar. 6.

Summers, Otto M., Mount Gilead, Ohio, assignor to The Hydraulic Development Corp., Inc., Wilmington, Del. Precision pull-bar testing apparatus. 2,386,989; Oct. 16.

Sumner, John K., Langhorne, Pa., assignor to Röhm & Haas Company, Philadelphia, Pa. Preparation of α-β-dichloropropionitrile. 2,390,470; Dec. 4.

Sun Manufacturing Co.: *See*—
Westberg, V. L., Nilson, and Westberg, V. C.

Sun Oil Company: *See*—
Banke, Daniel B., assignor.
Bruun, J. H., and Hicks-Bruun, assignors.
Jolly, Samuel E., assignor.
Stewart, William H., assignor.
Vose, Richard S., assignor.

Sun Oil Company: *See*—
Barton, P. D., and Dougherty, assignors.
McCorq odale, Wilmer E., Jr., assignor.
Moore, Morton E., assignor.
Perrine, John H., assignor.

Sun Oil Company et al.: *See*—
Thayer, C. H., and Lassiat, assignors.

Sun Rubber Company: *See*—
Rempel, Dietrich G., assignor.

Sun Rubber Company, The: *See*—
Chismell, John B., assignor.
Fenton, Frank, assignor.
McDermott, Bernard A., assignor.
Smith, Thomas W., Jr., assignor.

Sunbury, Herbert E., Rutherford, N. J., assignor to United States Rubber Company, New York, N. Y. Ironing board cover. 2,382,830; Aug. 14.

Sunday, James J., Detroit, Mich. Refrigeration unit. 2,384,210; Sept. 4.

Sunderland, Oswald O., Fairfield, Conn. Constant torque clutch. 2,371,855; Mar. 20.

Sunderland, Oswald O., Fairfield, Conn. Gun. 2,387,691; Oct. 23.

Sundstrand Machine Tool Co.: *See*—
Granberg, B. R., and Ekstrom, assignors.
Swenson, A. H., and Anderson, assignors.
Wahlmark, Gunnar A., assignor.

Sundstrand, Oscar J., and O. W. Swanson, West Hartford, Conn., assignors to Underwood Elliott Fisher Company, New York, N. Y. Carriage drive mechanism. 2,366,368; Jan. 2.

Sundstrand, Oscar J., Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting and accounting machine. 2,370,505; Feb. 27.

Sundstrand, Oscar J., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting and accounting machine. 2,371,558; Mar. 13.

Sundstrom, Harold C., Chicago, Ill. Applying tubular rivets. 2,387,692; Oct. 23.

Sundt, Edward V., Arcadia, and J. Purcell, El Monte, Calif., assignors to Littlefuse, Inc., Chicago, Ill. Indicator. 2,388,448; Nov. 6.

Sundt, Edward V., Arcadia, and J. Purcell, El Monte, Calif., assignors to Littlefuse, Inc., Chicago, Ill. Indicator. 2,388,449; Nov. 6.

Sundt, Vigo von K., assignor to Gisholt Machine Company, Madison, Wis. Lead screw gear threading box. 2,387,417; Oct. 23.

Sundt, Vigo von K., assignor to Gisholt Machine Company, Madison, Wis. Clutch adjustment. 2,387,418; Oct. 23.

Sunlite Mfg. Company, The: *See*—
Smith, Alva T., assignor.

Sunnen, Joseph, Clayton, Mo. Honing device. 2,376,850; May 22.

Sunnen, Joseph, Clayton, Mo. Honing device. 2,376,851; May 22.

Sunnen, Joseph, Clayton, Mo. Honing machine. 2,377,588; June 5.

Super Electric Products Corp.: *See*—
Goldberg, Simon, assignor.

Super Mold Corporation of California: *See*—
Fuller, Charles M., Jr., assignor.
Glynn, Edwin A., assignor.

Super, Ralph K.: *See*—
Alden, Herbert W., Buckendale, and Super.
Spiller, W. R., Alden, and Super.

Super Vent Window Company: *See*—
Gargiulo, Giuseppe, assignor.

Superba Manufacturing Co., Inc.: *See*—
Katz, J., and Majoros, assignors.

Superdraulic Corporation: *See*—
Hoffer, James F., assignor.

Superheater Company, The: *See*—
Guirl, Howard P., assignor.
Williams, Arthur, assignor.
Williams, A., and Henkel, assignors.

Superior Concrete Accessories: *See*—
Hillberg, Bror, assignor.

Superior Electric Company: *See*—
Conrad, Albert G., assignor.

Superior Oil Company, The: *See*—
McNamee, Bernard F., assignor.

Superior Railway Products Corporation: *See*—
Butts, Armstrong C., assignor.

Superior Steel Corporation: *See*—
Carlson, William A., assignor.
Keene, W. L., and Carlson, assignors.

Superior Valve Manufacturing Company: *See*—
Du Charme, William S., assignor.

Supple, Gilbert, Waban, Mass. Boots and shoes and outsoles therefor. 2,381,937; Aug. 14.

Supplee, Franklin N. P., Philadelphia, Pa. Subirrigation device for the propagation of plants. 2,379,549; July 3.

Supplee, George C., O. G. Jensen, and G. E. Flanigan, Bainbridge, assignors to The Borden Company, New York, N. Y. Liquid treating method. 2,382,033; Aug. 14.

Sunstein, David E., Elkins Park, assignor to Philco Corporation, Philadelphia, Pa. Tone compensated volume control. 2,388,505; Nov. 6.

Sunstein, David E., Elkins Park, assignor to Philco Corporation, Philadelphia, Pa. Electrical system. 2,389,564; Nov. 20.

Surber, Kenneth F., assignor of one-half to D. L. Miller, Des Moines, Iowa. Tool and holder for turret lathes, screw machines, and the like. 2,366,810; Jan. 9.

Surerus, Victor M., assignor to Inland Steel Company, Chicago, Ill. Reinforcing bar. 2,377,980; June 12.

Surface Combustion Corporation: *See*—
Munford, Theodore W., assignor.
Turin, John J., assignor.
Weller, Harvey C., assignor.

Surrey, Alexander R., Albany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Manufacture of malononitrile. 2,389,217; Nov. 20.

Susie, Alfred G., Melrose, assignor, by mesne assignments, to Fuel Research Development Corporation, Boston, Mass. Recovery of sulphonic acids from a reaction mixture resulting from sulphuric acid treatment of aromatic oils. 2,373,793; Apr. 17.

Sussman, Harry: *See*—
Cunningham, O. B., Sussman, and Gubin.

Susunaga, Salustiano L., San Sebastian, Spain. Electrical or mechanical dry shaving apparatus. 2,370,331; Feb. 27.

Suszholz, Armin, Cleveland, Ohio. Shoe tree. 2,378,337; June 12.

Sutcliffe, Edgar B., Lowton, Newton-le-Willows, and W. E. Edwards, Leigh, assignors to Sutcliffe, Speakman & Company Limited, Leigh, Lancashire, England. Adsorption filter. 2,379,321; June 26.

Sutcliffe, Speakman & Company Limited: *See*—
Sutcliffe, E. R., and Edwards, assignors.

Sutcliffe, William M., Bay Village, Ohio. Automatic aiming control. 2,377,589; June 5.

Suter, Alexander, Basel, Switzerland, assignor to "Spiku"-Trust, Vaduz, (Liechtenstein). Cylinder lock. 2,390,471; Dec. 4.

Sutherland, Clarence R., Dayton, Ohio. Coin receptacle. 2,370,204; Feb. 27.

Sutherland, David B.: *See*—
Kelly, E. M., Kivari, Klte, Roberts, and Sutherland.

Sutherland, Edwin M., East Cleveland, and C. H. Endress, Cleveland Heights, assignors to Willard Storage Battery Company, Cleveland, Ohio. Storing and filling batteries. 2,382,675; Aug. 14.

Sutherland, Ernest E.: *See*—
Barnsteiner, A., and Sutherland.

Sutherland, Ernest E., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Heating apparatus. 2,375,047; May 1.

Sutherland, John G., Toronto, Ontario, Canada. Battery terminal connection. 2,384,211; Sept. 4.

Sutherland Paper Company: *See*—
Buttery, Kenneth T., assignor.
Rutledge, Robert E., assignor.

Sutliffe, Frank C., Mill Valley, and R. Ashley, Almonte, assignors to Air Balance Instrument Co., San Francisco, Calif. Pressure gauge. 2,372,864; Apr. 3.

Sutphen, Robert M.: *See*—
Couse, K. W., Young, and Sutphen.

Sutter, Edward R., assignor to Beau-T-Form Foundations, Inc., Chicago, Ill. Detachable shield for foundation garments. 2,377,050; May 29.

Sutter, Edward R., assignor to Beau-T-Form Foundations, Inc., Chicago, Ill. Detachable shield for foundation garments. 2,379,762; July 3.

Sutter, Edward R., assignor to Beau-T-Form Foundations, Inc., Chicago, Ill. Anchoring means for foundation garments. 2,380,272; July 10.

Sutter, Frederick E.: *See*—
Romanelli, E., and Sutter.

Sutter, Otto W., Fond du Lac, Wis., assignor to American Type Founders, Inc., Elizabeth, N. J. Bookbinding. 2,366,572; Jan. 2.

Sutterfield, Noel H.: *See*—
Wilson, J. A., and Sutterfield.

Sutton Engineering Company: *See*—
Sutton, John B., assignor.

Sutton, Frank G., Key West, Fla. Chain mandrel for bending pipes. 2,380,344; July 10.

Sutton, John B., assignor to Sutton Engineering Company, Pittsburgh, Pa. Round straightener. 2,376,401; May 22.

Sutton, Mack, Hammond, and C. W. Nysewander, Highland, Ind., assignors to Standard Oil Company, Chicago, Ill. Hydrocarbon conversion system. 2,379,550; July 3.

Sutton, Mack, Hammond, and C. W. Nysewander, Highland, Ind., assignors to Standard Oil Company, Chicago, Ill. Hydrocarbon conversion system. 2,382,815; Aug. 14.

Sutton, Otis B., assignor to The Hoover Company, North Canton, Ohio. Refrigeration. 2,377,051; May 29.

Suwa, Ignaz F.: *See*—
Yawits, M., and Suwa.

Suwa, Ignaz F., Jackson Heights, assignor to Fish-Schurman Corporation, New York, N. Y. Universal type grinding tool. 2,388,020; Oct. 30.

Suydam, Clinton H., Orange, N. J., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Device for testing crystals. 2,375,260; May 8.

Sveda, Michael, Cleveland, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical process. 2,383,752; Aug. 28.

Svenska Aktiebolaget Bromsregulator: *See*—
Alexandersson, H. V., and Hagren, assignors.
Browall, Bert H., assignor.
Ljunson, Axel E. K., assignor.
Nilsson, Ragnar H., assignor.
Svenska Aktiebolaget Philips: *See*—
Falk, S. G., assignor.
Svenska Kassaregisteraktiebolaget: *See*—
Lindstein, Vigo W., assignor.
Svenson, Ernest J., Rockford, assignor, by mesne assignments, to Odin Corporation, Chicago, Ill. Material working apparatus. 2,372,692; Apr. 3.
Svenson, Ernest J., Rockford, assignor, by mesne assignments, to Odin Corporation, Chicago, Ill. Fluid pumping mechanism. 2,382,452; Aug. 14.
Svenson, Ernest J., Rockford, assignor, by mesne assignments, to Odin Corporation, Chicago, Ill. Valve mechanism. 2,388,716; Nov. 13.
Svensson, Bror W., Ostersund, Sweden. Folding ski. 2,375,504; May 8.
Svikhart, Miles L., Garden City Park, assignor to Western Electric Company, Incorporated, New York, N. Y. Material applying apparatus. 2,376,832; May 22.
Sviraty, Bennett, Glendale, Calif. Water control for toilet tanks. 2,376,402; May 22.
Sviraty, Bennett, Glendale, Calif. Ball cock valve structure. 2,390,124; Dec. 4.
Svoboda, Antonin, Forest Hills, N. Y. Analyzer. 2,365,658; Jan. 2.
Svoboda, Antonin, Forest Hills, N. Y. Fire director for antiaircraft guns. 2,372,613; Mar. 27.
Svoboda, Antonin, Forest Hills, N. Y. Fire director apparatus for antiaircraft guns. 2,385,952; Oct. 2.
Swaba, Charles J., et al.: *See*—
Bakke, Robert, assignor.
Swain, Frank E., Ewell, England. Fluid-pressure engine. 2,387,540; Oct. 23.
Swain, Robert C.: *See*—
Caldwell, W. F., Swain, and Paden.
Swain, Robert C., Riverside, and J. H. Paden, Glenbrook, Conn., assignors to American Cyanamid Company, New York, N. Y. Production of cyanamide reaction products. 2,371,480; Mar. 13.
Swain, Robert C., Riverside, and P. Adams, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Alkylated melamine-formaldehyde coating compositions. 2,378,363; June 12.
Swain, Robert C., Riverside, and P. Adams, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Batavia dammar resin coating compositions. 2,378,364; June 12.
Swain, Robert C., Riverside, and P. Adams, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Methacrylate. 2,378,365; June 12.
Swain, Robert C., Riverside, and P. Adams, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Rosin-modified phenol-formaldehyde resin coating compositions. 2,378,366; June 12.
Swain, Robert C., Riverside, and P. Adams, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Coating compositions containing benzyl cellulose. 2,379,604; July 3.
Swain, Robert C., Riverside, and P. Adams, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Benzyl cellulose coating compositions. 2,379,605; July 3.
Swain, Robert C., Riverside, and P. Adams, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Cycloparaffin polymer coating compositions. 2,379,606; July 3.
Swain, Robert C., Riverside, and P. Adams, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Coating compositions containing cycloparaffin type polymers. 2,379,607; July 3.
Swain, Robert C., Riverside, and P. Adams, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Coating compositions containing cycloparaffin type polymers and octylated melamine-formaldehyde resins. 2,379,608; July 3.
Swain, Robert C., Riverside, and P. Adams, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Coating compositions containing coumarone-indene polymers. 2,379,609; July 3.
Swain, Robert C., Riverside, and P. Adams, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Coating compositions containing hydrocarbon polymers. 2,379,610; July 3.
Swain, Robert C., Riverside, and P. Adams, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Hydrocarbon polymer-containing coating compositions. 2,379,611; July 3.
Swain, Robert C., Riverside, and P. Adams, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Coating compositions containing benzylated melamine-formaldehyde resins. 2,379,612; July 3.
Swalheim, Donald A., Cleveland, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing fluorides. 2,372,032; Mar. 20.
Swallow, Joseph L., Lombard, assignor to Wells-Gardner & Co., Chicago, Ill. Automatic radio tuner. 2,366,573; Jan. 2.
Swan, Donald R.: *See*—
Beguin, A. E., and Swan.
Swan, Donald R., and J. M. Calhoun, assignors to Eastman Kodak Company, Rochester, N. Y. Stabilising of nitrocellulose. 2,378,594; June 19.
Swan, Donald R., assignor to Eastman Kodak Company, Rochester, N. Y. Gelatin coating composition. 2,388,881; Nov. 13.
Swan, Moranus A., Los Angeles, Calif. Rearview reflector for attachment to eye glasses. 2,371,196; Mar. 13.
Swaney, Miller W.: *See*—
Morrell, C. E., and Swaney.
Robey, R. F., and Swaney.
Swaney, Miller W., Cranford, and L. K. Beach, Elizabeth, N. J., assignors, by mesne assignments, to Jasco, Incorporated. Producing olefinic compounds. 2,378,205; May 15.
Swaney, Robert C., Newton, Mass. Adjustable and collapsible floating crane. 2,378,254; June 12.
Swann, James S., Homewood, assignor to Standard Railway Equipment Manufacturing Company, Chicago, Ill. Railway car wall. 2,382,519; Aug. 14.
Swann, James S., Homewood, assignor to Standard Railway Equipment Manufacturing Company, Chicago, Ill. Wall structure. 2,390,472; Dec. 4.
Swanson, Albert N., Gary, Ind., assignor to Carnegie-Illinois Steel Corporation. Coating for and method of scale formation control on slabs and the like. 2,378,338; June 12.
Swanson, Alfred J., Los Angeles, Calif. Hydraulic control. 2,385,891; Oct. 2.
Swanson, Arthur H.: *See*—
Spangenberg, C. B., and Swanson.
Swanson, Bernard A., Port Angeles, Wash. Fluid power transmission mechanism. 2,379,938; July 10.
Swanson, David A., Chicago, Ill. Front hanger for convertible tandem bicycles. 2,385,892; Oct. 2.
Swanson, Earl C., P. C. Gaskell, and H. A. Smothermon, assignors to Andersen Corporation, Bayport, Minn. Window structure. 2,378,255; June 12.
Swanson, Earnest F.: *See*—
Shaw, B. E., and Swanson.
Swanson, Edward V., San Francisco, Calif. Making a wood preserving composition. 2,370,378; Feb. 27.
Swanson, Edwin C.: *See*—
Abramson, J. H., and Swanson, assignors.
Swanson, Frank, and E. I. Erikson, assignors to Linotype Parts Company, Weatherly, Pa. Grinding material. 2,390,967; Dec. 11.
Swanson, George W., Denver, Colo. Tractor cultivator. 2,372,403; Mar. 27.
Swanson, Nels H., Chicago, Ill. Combined coin purse and billfold. 2,390,748; Dec. 11.
Swanson, Oscar W.: *See*—
Sundstrand, O. J., and Swanson.
Swanson, Ray, et al.: *See*—
Wade, John L., assignor.
Swanstrom, Carl A., Maplewood, assignor to Elastic Stop Nut Corporation, Elizabeth, N. J. Nut. 2,385,851; Oct. 2.
Swanstrom, Klas A., assignor to Elastic Stop Nut Corporation, Union, N. J. Self locking coupling nut. 2,385,953; Oct. 2.
Swart, Leland K., Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Two-way carrier wave signal transmission system. 2,386,515; Oct. 9.
Swarthout, William N., Washington, D. C. Pile cap. 2,390,625; Dec. 11.
Swartwout Company, The: *See*—
Mastenbrook, H. J., and Swartwout III, assignors.
Wiseman, Earl L., assignor.
Swartwout, Denton K., III: *See*—
Mastenbrook, H. J., and Swartwout III.
Swartz, Alexander G., and F. K. Moore, assignors to Albert Specialty Company, Chicago, Ill. Coil winding machine and making wire coils. 2,379,666; July 3.
Swartz, Charles A.: *See*—
Searles, A., and Swartz, assignors.
Swartz, Frank C., Youngstown, Ohio, assignor to Carnegie-Illinois Steel Corporation. Hot-blast stove. 2,376,099; May 15.
Swartz, George W.: *See*—
McElhoe, C. B., and Swartz.
Swartz, William L., West Hartford, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Revolver crane lock. 2,382,676; Aug. 14.
Swartzbaugh Manufacturing Company, The: *See*—
Baunach, Roy J., assignor.
Swartzwelder, Alvin H., Santa Monica, Calif. File sharpening machine. 2,375,703; May 8.
Swayze, Myron A., Hudson, assignor to Lone Star Cement Corporation, New York, N. Y. Portland cement and retarding the setting rate thereof. 2,374,628; Apr. 24.
Swazy, Earl F.: *See*—
Larsen, E. I., Heil, and Swazy.
Swearingen, Clair V., Chattanooga, Tenn. Valve mechanism. 2,384,977; Sept. 18.
Swebilius, Carl G., Hamden, Conn. Box-magazine construction for repeating firearms. 2,372,614; Mar. 27.
Swebilius, Carl G., Hamden, Conn. Gas-operated self-loading firearm. 2,373,204; Apr. 10.
Swebilius, Carl G., Hamden, Conn. Repeating firearm. 2,373,794; Apr. 17.

Swedman, Enoch, assignor to Seeger Refrigerator Company, St. Paul, Minn. Refrigerator and tray construction. 2,366,150; Oct. 2.
Sweeney, Beauregard: *See*—
Thurston, A. L., and Sweeney.
Sweeney, Hugh J.: *See*—
Neely, Charles A., assignor.
Sweeney, John H., Philadelphia, Pa. Rubber cutting machine. 2,367,243; Jan. 16.
Sweeney Lithograph Company, Inc.: *See*—
Salussolia, Battista, assignor.
Sweeney, William J., Summit, N. J., assignor to Standard Oil Development Company. Separation of hydrocarbons. 2,378,508; June 19.
Sweeney, William J., Summit, N. J., assignor to Standard Oil Development Company. Conversion of hydrocarbon oils. 2,387,309; Oct. 23.
Sweeney, William J., Summit, N. J., assignor to Standard Oil Development Company. Carrying out isomerization reactions. 2,387,541; Oct. 23.
Sweet, Alva L., and M. O. Bassett, Schenectady, N. Y., assignors to General Electric Company. Resilient support. 2,379,763; July 3.
Sweet, Carroll V., Madison, Wis., dedicated to the free use of the people in the territory of the United States. Building panel. 2,381,469; Aug. 7.
Sweet, Laurence A., Huntington Park, Calif. Automatic center punch. 2,384,707; Sept. 11.
Sweet, Reginald C., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Gravity meter. 2,383,997; Sept. 4.
Swenarton, Waitstill H., Montclair, N. J. Method of and apparatus for sandblasting of ship's hulls. 2,387,193; Oct. 16.
Swennes, Benjamin A., Rockford, assignor to Borg-Warner Corporation, Chicago, Ill. Automatic transmission. 2,371,574; Mar. 13.
Swenson, Arthur H., and P. A. Anderson, assignors to Sundstrand Machine Tool Co., Rockford, Ill. Hydraulic system. 2,386,990; Oct. 16.
Swenson, Carl E.: *See*—
Dodge, Adiel Y., and Swenson.
Swenson, Carl E., Rockford, Ill. One-way clutch. 2,386,013; Oct. 2.
Swerdfager, William A., and C. L. Clark, Warren, assignors to Mullins Manufacturing Corporation, Salem, Ohio. Stripper mechanism. 2,369,187; Feb. 13.
Swett, Adelbert P.: *See*—
Beckwith, E. L., and Swett.
Swezey, Burdette S., Floral Park, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Printing telegraph apparatus. 2,367,901; Jan. 23.
Swezey, John W.: *See*—
Jones, P. W., and Swezey.
Swickard, Andrew E., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Piezoelectric crystal. 2,386,916; Oct. 16.
Swift, Bert, Tulsa, Okla. Steam trap governor. 2,390,749; Dec. 11.
Swift Business Machines Corporation: *See*—
Llorens, Louis M., assignor.
Swift, Cyrus, Chicago, Ill. Timer. 2,377,461; June 5.
Swift, Cyrus, Chicago, Ill. Electric motor. 2,383,828; Aug. 28.
Swift, Donald D., Hartford, Conn., assignor to M. Swift & Sons, Inc. Goldbeater lubrication material. 2,391,653; Dec. 25.
Swift, Donald D., Hartford, Conn., assignor to M. Swift & Sons, Inc. Goldbeater's lubricant. 2,391,654; Dec. 25.
Swift, Ernest H., Pasadena, Calif. Staining concrete. 2,379,502; July 3.
Swift, Gilbert: *See*—
Scherbatskoy, S. A., Fearon, Neufeld, and Swift.
Swift, Harvey C., assignor to Hydraulic Brake Company, Detroit, Mich. Fluid coupling. 2,372,748; Apr. 3.
Swift, Howard E., and E. R. Davis, assignors to Foster Machine Company, Westfield, Mass. Winding machine. 2,372,136; Mar. 20.
Swift, John F., Detroit, Mich., assignor to Hydraulic Brake Company. Fluid coupling. 2,381,187; Aug. 7.
Swift, Lawrence M., Tulsa, Okla., assignor to Engineering Laboratories, Incorporated. Recorder. 2,389,828; Nov. 27.
Swift, M., & Sons, Inc.: *See*—
Kohler, John, assignor.
Swift, Donald D., assignor.
Swift Rifle Company Limited, The: *See*—
De Lubicz-Bakanowski and Minns, assignors.
Swift, Rodney B., West Alexandria, Ohio. Portable oxygen-acetylene generator. 2,381,319; Aug. 7.
Swift, Roy D., Jr., Terril, Iowa. Spoon holder. 2,368,898; Feb. 6.
Swift, Walter G., Detroit, Mich. Smoking pipe. 2,385,312; Sept. 18.
Swift, Willard E., Jr., Worcester, Mass. Antibacklash device. 2,372,693; Apr. 3.
Swift, Willard E., Jr., Worcester, Mass. Two-way overrunning clutch. 2,375,954; June 26.
Swift, Willard E., Worcester, assignor to United States Envelope Company, Springfield, Mass. Envelope. 2,389,748; Nov. 27.
Swindin, Norman, assignor to Nordac Limited, London, England. Deformable diaphragm for pumps and the like. 2,372,302; Mar. 27.
Swindle, John A., Whittier, Calif. Chart changer. 2,381,188; Aug. 7.
Swindle, John A., Whittier, Calif. Liquid meter. 2,383,226; Aug. 21.
Swinehart, Carl F., University Heights, and J. O. Hay, Cleveland Heights, assignors to The Harshaw Chemical Company, Elyria, Ohio. Manufacture of cupric chloride. 2,267,153; Jan. 9.
Swiss Company of Society of Chemical Industry in Basle: *See*—
Graenacher, C., Streuli, and Meyer, assignors.
Swiss firm of Society of Chemical Industry in Basle: *See*—
Albrecht, Otto, assignor.
Switlik Parachute Company: *See*—
Dearstyne, L., and Rutkowski, assignors.
Switlik, Stanley, Trenton, N. J. Parachute canopy. 2,367,244; Jan. 16.
Switzer, Asa O., Melrose, Ohio. Lamp tube changer. 2,381,563; Aug. 7.
Switzer, Joseph L., et al.: *See*—
Ellis, Greer, assignor.
Williams, David H., assignor.
Switzer, Robert C., et al.: *See*—
Ellis, Greer, assignor.
Williams, David H., assignor.
Swope, Joen E., Jr., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Apparatus for forming corrosion resisting films. 2,384,576; Sept. 11.
Swyers, Tamplin H., St. Albans, W. Va. Tube flanging tool. 2,370,089; Feb. 20.
Sydenham, Harold G., U. S. Army, H. W. Clowe, U. S. Army, Pittsburgh, Pa., and A. E. Du Bois, Washington, D. C. Protective cover. 2,368,272; Jan. 30.
Sykes, James E., Seattle, Wash. Ship. 2,374,467; Apr. 24.
Sykes, Robert E., and B. H. Moser, assignors to The De Vilbiss Company, Toledo, Ohio. Spray coating machine. 2,383,023; Aug. 21.
Sykes, Roger A., Fanwood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric wave filter. 2,373,431; Apr. 10.
Sylvania Electric Products Inc.: *See*—
Baxter, Clement T., assignor.
Betts, Maxeppa D., assignor.
Carnahan, Chalon W., assignor.
Demb, Kenneth, assignor.
Gates, Paul E., assignor.
Gaun, H. M., and Gessford, assignors.
Ishler, Harry K., assignor.
Kingston, Walter E., assignor.
Maurette, René G., assignor.
McCarthy, Henry J., assignor.
Ratchford, H. L., and Smithgall, assignors.
Sylvania Industrial Corporation: *See*—
Clark, James A., assignor.
Cornwell, Ralph T. K., assignor.
Kiser, Nathaniel L., assignor.
Little, John W., assignor.
Reichel, F. H., and Cornwell, assignors.
Wallach, R. N., and Zender, assignors.
Sylvester, Evander W.: *See*—
Clinkscale, R. W., Hague, and Sylvester.
Symmes, Daniel D.: *See*—
Ramstedt, E., and Symmes.
Symmes, Daniel D., West Haven, Conn., assignor to The American Steel and Wire Company of New Jersey. Strand engaging drum. 2,389,878; Nov. 27.
Symmes, Ernest M., Wilmington, Del. Photography. 2,381,234; Aug. 7.
Symons, Arthur H., assignor to Symons Clamp & Mfg. Company, Chicago, Ill. Shore. 2,368,385; Jan. 30.
Symons Clamp & Mfg. Company: *See*—
Symons, Arthur H., assignor.
Symons, Loren G., Hollywood, Calif., assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Power plant for vibrating screens. 2,367,070; Jan. 9.
Symons, William J., Van Nuys, Calif. Propeller pitch control. 2,381,991; Aug. 14.
Synan, Francis J.: *See*—
Vincent, G. P., Dubeau, and Synan.
Synben Aktiengesellschaft: *See*—
Coupard, Christian J., assignor.
Synchromatic Air Conditioning Corporation: *See*—
Jaye, Richard C., assignor.
Synchrome Corporation: *See*—
Wright, Walter L., assignor.
Syndicate Products Co.: *See*—
Stone, Noah, assignor.
Synnestvedt, Kenneth P., Bryn Athyn, assignor to Autogiro Company of America, Philadelphia, Pa. Rotative winged aircraft. 2,376,523; May 22.
Synochem Corporation: *See*—
Kreidl, I. and W., assignors.
Syntron Company: *See*—
Burt, Ralph, assignor.
Syracuse Chilled Plow Co., Inc.: *See*—
Young, Austin E., assignor.
Syrovy, Augustin J.: *See*—
Neracher, C. A., Dunn, Iavelli, and Syrovy.

Syz, Werner, Neuhausen-on-the-Rheinfall, assignor to Aluminium Industrie Aktien-Gesellschaft, Chippis, Switzerland. Producing burnt dolomite. 2,380,480; July 31.

Szalay, Ferenc, Budapest, Hungary; vested in the Alien Property Custodian. Current collector for electric vehicles. 2,382,751; Aug. 14.

Szeglin, Andrew, Hempstead, and J. Kreisler, New Rochelle, N. Y., assignors to Jacques Kreisler Manufacturing Corporation, North Bergen, N. J. Expansible wrist watch band, bracelet, or the like. 2,376,633; May 22.

Szegvari, Andrew, Fairlawn, and A. H. Feikert, Wadsworth, assignors to American Anode Inc., Akron, Ohio. Composition for treating fibrous materials. 2,373,613; Apr. 10.

Szegvari, Andrew, Fairlawn, and A. H. Feikert, Wadsworth, assignors to American Anode, Inc., Akron, Ohio. Aqueous dispersion. 2,373,614; Apr. 10.

Szegvari, Andrew, Fairlawn, and A. H. Feikert, Wadsworth, assignors to American Anode, Inc., Akron, Ohio. Aqueous dispersion. 2,373,615; Apr. 10.

Szekely Company, Inc., The: *See*—
Szekely, Otto E., assignor.

Szekely, Otto E., assignor to The Szekely Company, Inc., Philadelphia, Pa. Aircraft supercharger drive. 2,390,626; Dec. 11.

Szikkai, George C., Princeton, N. J., assignor to Radio Corporation of America. Power, voltage, or current regulator. 2,368,582; Jan. 30.

Szikkai, George C., Princeton, N. J., assignor to Radio Corporation of America. Frequency modulation detector. 2,373,616; Apr. 10.

Szikkai, George C., Princeton, N. J., assignor to Radio Corporation of America. Color television. 2,386,074; Oct. 2.

Szikkai, George C., Bloomington, Ind., assignor to Radio Corporation of America. Signal recording and reproducing method. 2,373,273; Apr. 10.

Szogyen, Walter O., Worcester, Mass. Cylinder covering mechanism. Re. 22,655; July 3.

Szymiek, Wladyslav, Techny, Ill. Picture album. 2,367,381; Jan. 16.

T. I. (Group Services) Limited: *See*—
Hackett, George, assignor.

T & R Corporation: *See*—
Strid, Sven J., assignor.

Tabb, Warner T.: *See*—
Purdy, E. M., and Tabb.

Tabb, Warner T., assignor to Eisemann Corporation, Brooklyn, N. Y. Lubrication system for fuel injecting pumps. 2,370,506; Feb. 27.

Tabb, Warner T., Brooklyn, assignor to Reconstruction Finance Corporation, New York, N. Y. High-pressure fluid pump. 2,372,694; Apr. 3.

Tabb, Warner T., and E. M. Purdy, Brooklyn, assignors, by mesne assignments, to Reconstruction Finance Corporation, New York, N. Y. Fuel injection nozzle. 2,376,292; May 15.

Tabellione, Michael, Meriden, Conn. Wrecking bar. 2,382,831; Aug. 14.

Taber, Frederic H., New Bedford, Mass. Apparatus for applying wearing surface coatings to tires. 2,368,172; Jan. 30.

Taber, Ralph F., North Tonawanda, N. Y. Edging machine. 2,383,896; Aug. 28.

Taber, Roscoe M., Kalamazoo, Mich. Apparatus for treating wood and dip treating various articles. 2,377,053; May 29.

Taberlet, Fred R., Forest Hills, N. Y. Nonmetallic separable fastener and making the same. 2,389,565; Nov. 20.

Tabor-Hedges Company: *See*—
Wallace, F. R., and Hedges, assignors.

Tabor Manufacturing Company: *See*—
Eastwood, Abraham B., assignor.

Taborski, Alfred F., Buffalo, N. Y. Necktie. 2,391,655; Dec. 25.

Tack, Carl E., assignor to American Steel Foundries, Chicago, Ill. Brake rotor. 2,368,621; Feb. 6.

Tack, Carl E., assignor to American Steel Foundries, Chicago, Ill. Rotor brake. 2,377,190; May 29.

Tack, Carl E., and L. G. Vree, assignors to American Steel Foundries, Chicago, Ill. Rotor. 2,380,085; July 10.

Tack, Carl E., assignor to American Steel Foundries, Chicago, Ill. Brake head balancing device. 2,380,803; July 31.

Tackett, Elijah, High Splint, Ky. Railroad track cleaner. 2,374,312; Apr. 24.

Tacoma Tent and Awning Company: *See*—
Wallace, Milton S., assignor.

Taft, George H., Hudson, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Stabilizer for polyvinyl chloride compositions. 2,378,739; June 19.

Taft, Raymond C., Wallingford, Vt., assignor to The American Fork & Hoe Company, Cleveland, Ohio. Ski pole construction. 2,387,194; Oct. 16.

Taft-Pierce Manufacturing Company, The: *See*—
Miller, Paul V., assignor.

Tager, Frank, New York, N. Y. Rotary mold filling machine. 2,387,782; Oct. 30.

Taggart, Thomas R., Salem, Oreg. Scoop loader. 2,386,410; Oct. 9.

Tagliabue, Charles J., Mfg. Co.: *See*—
Erbguth, Paul F. K., assignor.

Talt, John, San Francisco, Calif. Periodical dispenser. 2,380,345; July 10.

Takac, Louis P., Jr., Chicago, Ill. Adjustable dog stop release for turret lathes. 2,386,014; Oct. 2.

Talalay, Joseph A., Boston, assignor to Converse Rubber Company, Malden, Mass. Apparatus for determining hardness. 2,377,590; June 5.

Talbert, Henry A., Churchill, and C. E. Staples, Pittsburgh, assignors to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling apparatus. 2,390,010; Nov. 27.

Talbot, Alfred H., and H. H. Kroh, Flint, Mich.; said Kroh assignor of one-sixth to said Talbot. Boring tool setting gauge. 2,375,448; May 8.

Talbott, John H., and W. R. Christensen, U. S. Army, Lawrence, Mass. Drawstring fastener. 2,388,717; Nov. 13.

Talboys, Henry H., and H. E. Erickson, assignors to Nordberg Manufacturing Co., Milwaukee, Wis. Rail drill and chuck therefor. 2,376,524; May 22.

Talboys, Henry H., and H. E. Erickson, assignors to Nordberg Manufacturing Co., Milwaukee, Wis. Single rail grinder. 2,378,512; June 19.

Talboys, Henry H., and H. E. Erickson, assignors to Nordberg Manufacturing Co., Milwaukee, Wis. Drill chuck. 2,389,749; Nov. 27.

Talge, Foster L., et al.: *See*—
Landry, William J., assignor.

Talge, Henry J., et al.: *See*—
Landry, William J., assignor.

Taliaferro, William R., Edgewood, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control system. 2,385,041; Sept. 18.

Taliaferro, William R., Edgewood, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit breaker control system. 2,385,042; Sept. 18.

Talley, Henry A. E., London, England. Apparatus for mixing gases. 2,379,551; July 3.

Talley, Henry A. E., assignor to Medical & Industrial Equipment Limited, London, England. Apparatus for administering anaesthetics. 2,384,354; Sept. 4.

Tama, Manuel and M., Morrisville, Pa., assignors to Ajax Engineering Corporation, Trenton, N. J. Slag removal. 2,375,049; May 1.

Tama, Manuel and M., Morrisville, Pa., assignor to Ajax Engineering Corporation, Trenton, N. J. Submerged resistor type induction furnace. 2,381,523; Aug. 7.

Tama, Manuel and M., Morrisville, Pa., assignors to Ajax Engineering Corporation, Trenton, N. J. Cooling system for induction furnaces. 2,389,218; Nov. 20.

Tama, Mario: *See*—
Tama, Manuel and M.

Tama, Mario, Morrisville, Pa., assignor to Ajax Engineering Corporation, Trenton, N. J. Twin coil furnace. Re. 22,602; Feb. 13.

Tama, Mario, Morrisville, Pa., and J. L. Hoff, Pennington, assignors to Ajax Engineering Corporation, Trenton, N. J. Tilting furnace. 2,368,173; Jan. 30.

Tambini, Eugene, Milford, Conn. Shoe. 2,382,272; Aug. 14.

Tamburro, Francis P.: *See*—
Townsend, N. F., and Tamburro.

Tanaka, Nawokich, New York, N. Y. Reflection means for presenting pictures. 2,374,566; Apr. 24.

Tanaka, Nawokich, New York, N. Y. Refraction means for presenting pictures. 2,386,075; Oct. 2.

Tandetzke, Karl, Berlin, Germany; vested in the Alien Property Custodian. Automobile roof. 2,390,193; Dec. 4.

Tanenbaum, Joseph, Toronto, Ontario, Canada. Automobile crane. 2,383,426; Aug. 21.

Tangerman, William J., Hammond, Ind., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Operating means for railway car doors. 2,369,323; Feb. 13.

Tangerman, William J., Hammond, Ind., assignor to Standard Railway Equipment Manufacturing Company, Chicago, Ill. Railway car structure. 2,380,086; July 10.

Tann, Beue, Washington, D. C. Cryptographic machine. 2,389,093; Nov. 13.

Tann, William E., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Composition of matter. 2,381,388; Aug. 7.

Tannehill, Vernon L., Fort Wayne, Ind. Valve. 2,386,726; Oct. 9.

Tannenbaum, Henry, New York, N. Y. Baby carriage. 2,390,671; Dec. 11.

Tannenberg, Joseph, Batavia, N. Y. Method and apparatus for treating pipettes and the like. 2,366,369; Jan. 2.

Tanner, Charles A., Jr.: *See*—
Cauwenberg, W. J., and Tanner.

Tanner, Elo C., Springfield, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Refrigeration apparatus. 2,381,013; Aug. 7.

Tanner, Elo C., Springfield, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Refrigeration apparatus. 2,387,622; Oct. 23.

Tanner, Howard A.: *See*—
Hunter, W. F., Jr., Tanner, and Gillmor.

Tanner, Howard A., assignor to Eastman Kodak Company, Rochester, N. Y. Treatment of cellulose mixed esters. 2,370,332; Feb. 27.

Tanner, Robert E., Birmingham, assignor to Parker Rust-Proof Company, Detroit, Mich. Apparatus for rust-proofing sheet metal. 2,373,432; Apr. 10.

Tanner, Robert R., Birmingham, assignor to Parker Rust Proof Company, Detroit, Mich. Expediting chemical coatings on metal. 2,373,433; Apr. 10.

Tanner, Robert R., Bloomfield Village, assignor to Parker Rust-Proof Company, Detroit, Mich. Treated metal sheet and making same. 2,391,656; Dec. 25.

Tannous, Richard: *See*—
Burdett, A. W., Tannous, and Tolley.

Taplin, Kenneth W., Minneapolis, Minn. Toy. 2,373,205; Apr. 10.

Taplin, Kenneth W., Minneapolis, Minn. Sounding toy. 2,380,273; July 10.

Tapp, Ernest T. J.: *See*—
Van den Bosch, F. J. G., and Tapp.

Tapp, John R., et al.: *See*—
Westberg, V. L., Nilson, and Westberg, V. C., assignors.

Tappan, Charles O., deceased, Brooklyn, N. Y., E. J. S. Farrell, administrator, assignor to K. H. Tappan, East Hartford, Conn. Stemming device for explosive charges. 2,388,232; Oct. 30.

Tappan, Kirby H.: *See*—
Tappan, Charles O., assignor.

Tappan Stove Company, The: *See*—
Hoff, John G., assignor.

Tappin, James: *See*—
Raw, Charles, assignor.

Tarbox, John P., Philadelphia, Pa., assignor, by mesne assignments, to Industrial Rayon Corporation. Method of and device for treating threads and the like. 2,368,386; Jan. 30.

Tarbox, L. A., Cranford, N. J. Sign device. 2,383,024; Aug. 21.

Tarbox, Leon A., Cranford, N. J., assignor to The Lummus Company, New York, N. Y. Filtration. 2,385,238; Sept. 18.

Tariff, George E., Beechurst, N. Y. Making laminated structures. 2,386,821; Oct. 16.

Tarlitz, Leo, Brooklyn Heights, Ohio. Articulated frame. 2,387,071; Jan. 9.

Tarnopol, Milton S., Brackenridge, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Glass tank. 2,385,954; Oct. 2.

Tarof, Ernest L., Cupsaw Lake, assignor to Kerlow Steel Flooring Company, Jersey City, N. J. Grating. 2,390,194; Dec. 4.

Tarr, Roderic D., Biddeford, Maine, assignor to Saco-Lowell Shops, Boston, Mass. Textile drawing mechanism. 2,389,581; Nov. 20.

Tartaglia, Richard A.: *See*—
Remington, F., and Tartaglia.

Tarvin, Eugene R., assignor to Frantz Manufacturing Company, Sterling, Ill. Window sash operator. 2,368,622; Feb. 6.

Tarwater, Lawson, and W. R. McKenzie, assignors of ten per cent to Six Wheels, Inc., Los Angeles, Calif. Lock nut. 2,391,279; Dec. 18.

Tascher, Eugene S., Ingleside, Ill., assignor to National Biscuit Company, New York, N. Y. Flour duster. 2,390,195; Dec. 4.

Tashjian, Armen H., assignor to The Union Metal Manufacturing Company, Canton, Ohio. Cantilever retaining wall structure and making the same. 2,388,624; Nov. 6.

Tasso, Antonio, Genoa, Italy; vested in the Alien Property Custodian. Automatic silk-titre regulating device. 2,378,595; June 19.

Tate, Bertram C., Brooklyn, N. Y. Removable bottle cap. 2,373,434; Apr. 10.

Tate, Virgil R., assignor to Perfex Corporation, Milwaukee, Wis. Burner control apparatus. 2,370,205; Feb. 27.

Tate, Virgil R., assignor to Perfex Corporation, Milwaukee, Wis. Stoker control system. 2,373,150; Apr. 10.

Tatge, Robert W., assignor to Ditto, Incorporated, Chicago, Ill. Hectograph blanket having a copy mass containing a bile salt. 2,368,583; Jan. 30.

Tatlow, Percy: *See*—
Hulbert, I. J., and Tatlow.

Tatlow, Percy, and I. J. Hulbert, assignors to Rotax Limited, Willesden Junction, London, England. High-tension spark ignition magneto. 2,390,338; Dec. 4.

Tator, Kenneth, Fairfax County, Va., and G. Holmgren, Washington, D. C. Paper dispenser. 2,390,399; Dec. 4.

Taurman, Alphonso, Birmingham, Ala., and L. H. Hyneman, Atlanta, Ga. Container holder. 2,370,822; Mar. 6.

Tauscher, Vernon A., Inglewood, Calif. Cable tension regulator. 2,375,050; May 1.

Tauser, Charles H., Venita Park, assignor to McDonnell Aircraft Corporation, St. Louis, Mo. Self-contained die set. 2,384,708; Sept. 11.

Tavelin, Jacob E., Saratoga Springs, N. Y. Train booster. 2,391,657; Dec. 25.

Tawney, Gereld L., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electromagnetic apparatus. 2,381,320; Aug. 7.

Tawney, Gereld L., Hempstead, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Transmission line. 2,387,783; Oct. 30.

Tawney, Gereld L., Hempstead, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Electrical time delay line. 2,390,563; Dec. 11.

Taylor, Albert, Detroit, Mich. Combined canopy and garment protector. 2,384,212; Sept. 4.

Taylor, Arthur W. C.: *See*—
Bremner, J. G. M., Reynolds, and Taylor.
Bremner, J. G. M., Stanley, Jones, and Taylor.

Taylor, Auburn, Charleston, W. Va., and E. W. Worthington, assignors to The Goss Printing Press Company, Chicago, Ill. Printing press inking means and mechanism. 2,368,500; Jan. 30.

Taylor, August M., Clarendon, Tex., assignor of one-half to B. Wilkinson, Fort Collins, Colo. Reflector element. 2,367,154; Jan. 9.

Taylor, Carl R., Cleveland Heights, assignor to The Cream Cone Machine Company, Cleveland, Ohio. Confection handling apparatus. 2,366,941; Jan. 9.

Taylor, Charles B., Buffalo, N. Y. Muffler. 2,387,476; Oct. 23.

Taylor, Charles C., Manhasset, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Radio receiving system. 2,373,051; May 1.

Taylor, Charles H., Springfield, Mass., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. Re. 22,594; Jan. 23.

Taylor, Charles H., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Suction cleaning apparatus. 2,372,033; Mar. 20.

Taylor, Charles H., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Suction cleaning apparatus. 2,372,404; Mar. 27.

Taylor, Charles H., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Mounting means for motor fan units of suction cleaners. 2,372,749; Apr. 3.

Taylor, Charles H., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Suction cleaner apparatus. 2,373,274; Apr. 10.

Taylor, Charles H., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Suction cleaning apparatus. 2,375,331; May 8.

Taylor, Charles H., Springfield, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Suction cleaning apparatus. 2,382,348; Aug. 14.

Taylor, Charles H., Springfield, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Suction cleaning apparatus. 2,390,196; Dec. 4.

Taylor, Clarence C.: *See*—
Leo, H. T., and Taylor.
Leo, H. T., Taylor, and Lindsey.

Taylor, Clarence G., Alliance, Ohio. Making self-aligning bearings. 2,382,349; Aug. 14.

Taylor, Claude C., et al.: *See*—
Gaffey, Edgar W., assignor.

Taylor, Clyde B.: *See*—
Allen, F. M., and Taylor.

Taylor, David E., Philadelphia, Pa. Cigarette humidifier. 2,371,919; Mar. 20.

Taylor, Daniel D., Altadena, assignor to Consolidated Engineering Corporation, Pasadena, Calif. Analytical system. 2,373,151; Apr. 10.

Taylor, Daniel G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Pressure actuated valve. 2,376,525; May 22.

Taylor, Daniel G., Minneapolis, and W. H. Gille, St. Paul, assignors to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Burner control system. 2,385,426; Sept. 25.

Taylor, Daniel G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control apparatus. 2,388,350; Nov. 6.

Taylor, Dell G., assignor of one-half to A. W. Tondreau, Los Angeles, Calif. Filter. 2,372,865; Apr. 3.

Taylor, Edmund R.: *See*—
Staples, E. M., Taylor, and Michael.

Taylor, Edward S., Lincoln, Mass., assignor to Wright Aeronautical Corporation. Gear systems. 2,386,367; Oct. 9.

Taylor, Elmer H., assignor to The Chase-Shawmut Company, Newburyport, Mass. Circuit breaker. 2,367,382; Jan. 16.

Taylor, Elmer H., assignor to The Chase-Shawmut Company, Newburyport, Mass. Circuit breaker. 2,370,206; Feb. 27.

Taylor Engineering Company, et al.: *See*—
Hill, Robert H.

Taylor, Ernest W., assignor to Industrial Brownhoist Corporation, Bay City, Mich. Bridge crane. 2,366,574; Jan. 2.

Taylor, Ernest W., and P. Nielsen, assignors to Industrial Brownhoist Corporation, Bay City, Mich. Boom head. 2,368,333; Jan. 30.

Taylor, Eugene C., Chevy Chase, Md., assignor to Carter Carburetor Corporation, St. Louis, Mo. Motor pump unit. 2,370,590; Feb. 27.

Taylor, Eugene D., Pasadena, Calif. Life raft. 2,367,902; Jan. 23.

Taylor Fibre Company: *See*—
Rose, William, assignor.

Taylor, Florence B., et al.: *See*—
Du Bois, Joseph E., assignor.
Taylor, Frank W., Springfield, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Hydraulic system for stabilizers. 2,381,162; Aug. 7.
Taylor, Fred P., Auburn, Maine, assignor to United Shoe Machinery Corporation, Flemington, N. J. Heel breasting machine. 2,383,025; Aug. 21.
Taylor, Galen M., U. S. Army, Cooper, Tex. Apparatus for loading guns. 2,385,387; Sept. 25.
Taylor, George E.: *See*—
Dvornikoff, M. N., and Taylor.
Taylor, George E., Chicago, Ill., assignor to S. E. Sosna and G. E. Taylor, jointly, as trustees. Spring assembly. 2,384,882; Nov. 13.
Taylor, George E., Anniston, Ala., assignor to Monsanto Chemical Company. Production of sodium phosphates. 2,390,400; Dec. 4.
Taylor, Guy B., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polyamides. 2,374,145; Apr. 17.
Taylor, H. P., et al.: *See*—
Overbey, Herman T., assignor.
Taylor, Harden F., New York, and C. H. Robinson, Jackson Heights, assignors to The Atlantic Coast Fisheries Company, New York, N. Y. Conditioning apparatus. 2,384,368; Oct. 9.
Taylor, Harold: *See*—
Dawson, E. L., and Taylor.
Taylor, Harold, Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Preparing dichlorodiethyl ether-alkali metal polysulphide condensation products in pulverulent form. 2,390,853; Dec. 11.
Taylor, Harold F., et al.: *See*—
Maroney, Thomas A., assignor.
Taylor, Harden F., and V. A. Nedsvedsky, assignors to The Atlantic Coast Fisheries Company, New York, N. Y. Apparatus for coating. 2,373,721; Apr. 17.
Taylor, Harden F., assignor to The Atlantic Coast Fisheries Company, New York, N. Y. Making a molded product. 2,374,246; Apr. 24.
Taylor, Harden F., and V. A. Nedsvedsky, assignors to The Atlantic Coast Fisheries Company, New York, N. Y. Apparatus for removing individual units. 2,386,076; Oct. 2.
Taylor, Harold O.: *See*—
Boles, O. W., and Taylor.
Taylor, Henry A., Dorchester, Mass. Structural connector. 2,385,893; Oct. 2.
Taylor, Herbert L.: *See*—
Dowling, P. H., and Taylor.
Taylor Instrument Companies: *See*—
Detwiler, Joseph S., assignor.
Hermann, Arthur, assignor.
Hubbard, K. H., Mason, and Leach, assignors.
Olson, Raymond E., assignor.
Ziegler, John G., assignor.
Taylor, J. E., et al.: *See*—
Hill, Robert H., assignor.
Taylor, James A., Glen Ridge, N. J. Automobile lamp reflector. 2,367,475; Jan. 16.
Taylor, James E.: *See*—
Richardson, A. S., and Taylor.
Taylor, Joseph I., and K. T. Schaefer, Elizabethton, Tenn., assignors to North American Rayon Corporation, New York, N. Y. Thread and/or fabric. 2,375,261; May 8.
Taylor, Lorenzo D.: *See*—
MacMahon, J. D., and Taylor.
Taylor, Louis: *See*—
Silvasy, J. E., and Taylor.
Taylor, Maravene S., et al.: *See*—
Young, William D., assignor.
Taylor, Morris P., Stanford University, Calif. Freight handling apparatus on vehicle. 2,387,542; Oct. 23.
Taylor, Myron L., West Englewood, N. J., assignor to The B. F. Goodrich Company, New York, N. Y. Protective means. 2,375,146; May 1.
Taylor, Owen L.: *See*—
Ellis, D., and Taylor.
Taylor, Paul H., North Tonawanda, N. Y., assignor to Curtiss-Wright Corporation. Quick release mechanism. 2,368,899; Feb. 6.
Taylor, Percy W., Finchley, London, N. 12, assignor of one-half to Fraser and Glass Limited, London, England. Electric accumulator. 2,384,978; Sept. 18.
Taylor, Ralph W., U. S. Navy. Extraoral fracture appliance. 2,371,197; Mar. 13.
Taylor, Raymond G., Jr., and E. D. Wilde, assignors to The Guiberson Corporation, Dallas, Tex. Well flowing means. 2,377,981; June 12.
Taylor, Raymond L., New Providence, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrolytic device. 2,368,688; Feb. 6.
Taylor, Reginald, and G. T. Baker, Liverpool, England, assignors, by mesne assignments, to Automatic Electric Laboratories, Inc., Chicago, Ill. Telephone or like system. 2,369,066; Feb. 6.
Taylor, Reginald, and G. T. Baker, Liverpool, England, assignors, by mesne assignments, to Automatic Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,369,868; Feb. 20.
Taylor, Richard: *See*—
Caldwell, S. H., Jaeger, and Taylor.
Taylor, Richard W.: *See*—
Bruce, Malcolm, assignor.
Taylor, Robert F., Terre Haute, Ind. Reaction products of 1,4-dichloro-2-butene. 2,391,849; Dec. 25.
Taylor, Robert H., Mayfield, Ky. Solar heater. 2,388,940; Nov. 13.
Taylor, Robert J., Claymont, assignor to American Viscose Corporation, Wilmington, Del. Handling filamentary materials. 2,385,894; Oct. 2.
Taylor, Robert J., Claymont, assignor to American Viscose Corporation, Wilmington, Del. Device for collecting filamentary materials. 2,386,411; Oct. 9.
Taylor, Roland C., Ridgewood, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Multichannel carrier transmission system. 2,374,567; Apr. 24.
Taylor, Ross E., assignor to Packard Motor Car Company, Detroit, Mich. Internal-combustion engine. 2,377,591; June 5.
Taylor, Shepard, Gresham, S. C. Fan attachment. 2,389,700; Nov. 27.
Taylor, Smith & Taylor Company, The: *See*—
Bower, James A., assignor.
Taylor, Taylor & Hobson Limited: *See*—
Clifford, Thomas W., assignor.
Cox, Arthur, assignor.
Reason, Richard E., assignor.
Warmisham, Arthur, assignor.
Taylor, Thomas B., et al.: *See*—
Young, William D., assignor.
Taylor, Tracy B., Windsor, Conn., assignor, by mesne assignments, to Federal Electric Products Company, Inc., Newark, N. J. Fuse terminal clip. 2,388,883; Nov. 13.
Taylor, Walter K., Jersey City, N. J., assignor to American Houses, Inc., New York, N. Y. Adjustable stop. 2,381,564; Aug. 7.
Taylor, William I.: *See*—
Dreyfus, H., Finlayson, and Taylor.
Taylor, William I., Spondon, near Derby, England, assignor to Celanese Corporation of America. Production of thermoplastic materials in fibrous or cellular form. 2,372,695; Apr. 3.
Taylor, William I., Spondon, near Derby, assignor to British Celanese Limited, London, England. Protective headgear. 2,381,524; Aug. 7.
Taylor, William I., and J. F. Levers, Spondon, near Derby, England. Fabrics and like materials. 2,376,983; May 29.
Taylor-Winfield Corporation, The: *See*—
Coates, Clyde E., assignor.
Hansen, Hans H., assignor.
Keller, John D., assignor.
Mikhalapov, George S., assignor.
Seeloff, Melvin M., assignor.
Seltzer, C. S., and Humphrey, assignors.
Tcimpidis, George E.: *See*—
McKee, G. K., and Tcimpidis.
Tea, Clark A., Detroit, and K. H. Luther, Dearborn Township, Wayne County, assignors to The Murray Corporation of America, Detroit, Mich. Burring tool. 2,377,462; June 5.
Teachout, Frank E., Minneapolis, Minn. Drawing die. 2,377,191; May 29.
Teaf, John H., Colwick, Delaware Township, Camden County, assignor, by mesne assignments, to Condenser Development Corporation, Newark, N. J. Rotor mounting means for variable tuning devices. 2,373,859; Apr. 17.
Teager, Stephen R., Canton, Ohio. Sander. 2,379,503; July 3.
Teagle, William T., Blackwater, Saint Agnes, England. Machine for planting potatoes. 2,385,740; Sept. 25.
Teagno, Joseph R., assignor to Hydraulic Brake Company, Detroit, Mich. Turbotransmission. 2,376,462; May 22.
Teagno, Joseph R., Detroit, Mich. Turbotransmission. 2,377,825; June 5.
Teagno, Joseph R., Detroit, Mich. Turbotransmission. 2,377,826; June 5.
Teague, Hubert M.: *See*—
Dunham, L. R. S., and Teague.
Teague, Merwyn C., Ridgewood, N. J., assignor to United States Rubber Company, New York, N. Y. Resilient seat construction. 2,367,628; Jan. 16.
Teague, Merwyn C., Ridgewood, N. J., assignor to United States Rubber Company, New York, N. Y. Gas mask. 2,375,147; May 1.
Teahan, Charles J., Penns Grove, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Purification of trinitro-tertiary-butyl-meta-xylene. 2,377,727; June 5.
Teal, Gordon K., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Forming layers for electronic cathodes. 2,391,280; Dec. 18.
Tech Equipment Company: *See*—
Williams, Bradlee W. and H. S., assignors.
Technical Oil Tool Corporation, Ltd., et al.: *See*—
Dale, Clarence R., assignor.
Technical Service, Incorporated: *See*—
Ditty, Allan V., and Bradford, assignors.

Technicolor Motion Picture Corporation: *See*—
Andreas, John M., assignor.
Carlson, Adolphe E., assignor.
Gunn, F. G., and Hague, assignors.
Kienninger, John F., assignor.
Rackett, Gerald F., assignor.
Tedd, James R., Willamette, Oreg. Steering spindle bearing for automobiles. 2,385,170; Sept. 18.
Tedrow, Roy B., San Francisco, Calif. Molding machine. 2,390,564; Dec. 11.
Teegarden, Otto V., Goshen, Ind. Tire tool. 2,378,955; June 26.
Teeter, Howard M.: *See*—
Cowan, J. C., and Teeter.
Teeter, Willford H., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,383,354; Aug. 21.
Teetor, Macy O., Newcastle, assignor to The Perfect Circle Company, Hagerstown, Ind. Piston ring. 2,369,263; Feb. 13.
Teicher, Abraham, assignor of one-half to the firm: Beith Haroshet l'Ma'tofot "Doar" Loewy & Kuehl, Tel Aviv, Palestine. Writing paper. 2,366,575; Jan. 2.
Teichmann, Charles F., Mount Vernon, A. R. Goldsby, Beacon, N. Y., G. A. Kessler, Ridgewood, N. J., and M. Neuhaus, Bronxville, assignors, by mesne assignments, to The Texas Company, New York, N. Y. Production of gasoline hydrocarbons. 2,370,507; Feb. 27.
Teichner, Robert W., Bridgeport, Conn., assignor to Remington Rand Inc., Buffalo, N. Y. Talcum powder stick. 2,390,473; Dec. 4.
Teichner, Rudolph R., Jackson Heights, assignor to Western Electric Company, Incorporated, New York, N. Y. Valve. 2,378,596; June 19.
Telefonaktiebolaget, L. M. Ericsson: *See*—
Bjerrel, Sven A., assignor.
Engquist, Erik L., assignor.
Telephone Answering and Recording Corporation: *See*—
Shively, J. J., and Van Deventer, assignors.
Teleregister Corporation: *See*—
Marshall, J. C., and May, assignors.
May, H. F., and Marshall, assignors.
Teletype Corporation: *See*—
Anderson, Howard M., assignor.
Gemmel, Wilbur R., assignor.
Goetz, Maurus T., assignor.
Grey, Victor, assignor.
Gubisch, Erwin A., assignor.
Lake, Ross A., assignor.
Potts, Louis M., assignor.
Wahlstrand, Harold A., assignor.
Zenner, Walter J., assignor.
Telkes, Maria, Cambridge, Mass., assignor to Research Corporation, New York, N. Y. Thermoelectric alloy. 2,366,881; Jan. 9.
Tellander, Frederic, Franklin Park, and O. E. Wagenknecht, assignors to Zenith Radio Corporation, Chicago, Ill. Telescopic rod antenna. 2,391,202; Dec. 18.
Tellier, Andre: *See*—
Bartho, John C., assignor.
Tellkamp, Bernhard F., Whitefish Bay, assignor to Allen-Bradley Company, Milwaukee, Wis. Edge-wound tubular expansible member. 2,376,634; May 22.
Tellkamp, Bernhard F., Whitefish Bay, assignor to Allen-Bradley Company, Milwaukee, Wis. Expansible member mounting. 2,376,635; May 22.
Tellkamp, Frederick W., Woodhaven, N. Y. Rotary assembly of interfitting counterparts. 2,374,845; May 1.
Temple, George L., Rosedale Heights, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway switch operating apparatus. 2,373,517; Apr. 10.
Temple, John C., Washington, D. C. Cargo hatch. 2,373,355; Apr. 10.
Temple, L. Ray: *See*—
Knox, Julia S. M., assignor.
Temple, Paul C., assignor to A. W. Cash Company, Decatur, Ill. Regulator. 2,372,345; Mar. 27.
Temple, Robert B.: *See*—
Eksergian, C. L., and Temple.
Templeton, William E., Transfer, Pa. Harvesting combine for potatoes and the like. 2,379,198; June 26.
Templin, Richard L., New Kensington, Pa. Compression testing jig. 2,368,900; Feb. 6.
Temp-R-Lens Corporation: *See*—
Vent, Bruce R., assignor.
Ten Brink, Karl C., and A. R. Salley, assignors to Hudson Engineering Corporation, Houston, Tex. Wooden splash plate assembly. 2,369,264; Feb. 13.
Tenenbaum, Berko, London, England. Piezoelectric crystal. 2,377,827; June 5.
Ten Eyck, Hugh S., and J. Chocholak, North Plainfield, and Y. H. Coleman, Plainfield, N. J., assignors to Southern Phosphate Corporation, New York, N. Y. Manufacture of crude phosphoric acid. 2,384,856; Sept. 18.
Tennent, John, executor et al.: *See*—
Burt, John W.
Tennessee Coal, Iron, and Railroad Company: *See*—
Auten, Claude I., assignor.
Fairley, F. E., Lindquist, Michaels, and Rodgers, assignors.
Huey, James G., assignor.
McWilliams, J. W., and Moss, assignors.
Tennessee Corporation: *See*—
Moore, George F., assignor.
Tennessee Research Corporation, University of, The: *See*—
Marcovitch, Simon, assignor.
Tennessee Valley Authority: *See*—
Elmore, Kelly L., assignor.
Frear, George L., assignor.
Rushton, Eugene B., assignor.
Walthall, John H., assignor.
Tenney, William G., Chicago, Ill. Battery terminal. 2,381,938; Aug. 14.
Tension Envelope Corporation of Kansas City: *See*—
Berkowitz, Eugene B., assignor.
Teppema, Jan, Cambridge, and J. F. Manning, assignors to B. B. Chemical Co., Boston, Mass. Adhesives. 2,367,629; Jan. 16.
Teppema, Jan, Cambridge, and J. F. Manning, assignors to B. B. Chemical Co., Boston, Mass. Adhesive compositions. 2,379,552; July 3.
Ter Horst, William P., Pompton Plains, N. J., assignor to United States Rubber Company, New York, N. Y. Parasiticidal preparations. 2,378,597; June 19.
Terman, Frederick E., Stanford University, Calif., assignor to International Standard Electric Corporation, New York, N. Y. Frequency modulation system. 2,372,231; Mar. 27.
Ter Meer, Herman: *See*—
Quigley, H., and Ter Meer.
Ternstedt Manufacturing Company: *See*—
Ward, Robert N., assignor.
Terpak, Stephen, and L. Wetherill, Pittsfield, Mass., assignors to General Electric Company. Bushing. 2,381,787; Aug. 7.
Terraneau, Randal, Kingston Hill, and J. L. Stuart, London W. 1., England. Photographic printing. 2,372,346; Mar. 27.
Terray, Edward, Hubbard, Ohio. Gardening tool. 2,370,208; Feb. 27.
Terrell, Kendel J., St. Louis, Mo. Combination trunk and cot. 2,371,481; Mar. 13.
Terrill, Franklin E., assignor to Industrial Brownhoist Corporation, Bay City, Mich. Steering mechanism for tractor cranes. 2,380,619; July 31.
Terry, Augustus P., Berkeley, Calif. Fastener for duct forms and the like. 2,389,468; Nov. 20.
Terry, Bennett F., Stamford, Conn., assignor to International Business Machines Corporation. Sensing means. 2,374,790; May 1.
Terry, Bennett F., Stamford, Conn. Preparing printing plates. 2,381,704; Aug. 7.
Terry, Bennett F., Stamford, Conn. Printing apparatus and preparing and using the same. 2,384,857; Sept. 18.
Terry, Bennett F., Stamford, Conn. Camera. 2,391,044; Dec. 18.
Terry, Charles H., West Palm Beach, Fla. Collapsible core for plastic molding. 2,375,148; May 1.
Terry, Charles M., assignor to A. W. Cash Company, Decatur, Ill. Automatic valve mechanism. 2,374,568; Apr. 24.
Terry, Charles M., assignor to A. W. Cash Company, Decatur, Ill. Automatic valve mechanism. 2,387,363; Oct. 23.
Terry, Charles M., assignor to A. W. Cash Company, Decatur, Ill. Automatic valve mechanism. 2,387,364; Oct. 23.
Terry, Daniel H., Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of sterol derivatives. 2,376,563; May 22.
Terry, Donald M., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric control circuit. 2,379,262; June 26.
Terry, Edward B., Jr., Laurelton, N. Y. Collapsible bed. 2,370,269; Feb. 27.
Terry, Rex A., Berkeley, assignor to Chrysler Corporation, Highland Park, Mich. Vehicle body unit. 2,380,557; July 31.
Terry, Robert A., Lodi, Calif. Air-cushion knee pad. 2,368,433; Jan. 30.
Terry, Robert H.: *See*—
Boeehold, A. L., and Terry.
Terry, Willard E., Salt Lake City, Utah. Traffic signal 2,387,953; Oct. 30.
Ter Veen, Louis A. G.: *See*—
White, J. W., and ter Veen.
Terwilliger, George E., assignor to Welch Tool Engineering Company, Los Angeles, Calif. Boring bar holder. 2,366,370; Jan. 2.
Terwilliger, Ivan M., Pasadena, Calif. Producing motion picture films. 2,375,962; May 15.
Terzian, Harutyun G.: *See*—
Hall, E. L., and Terzian, assignors.
Terziev, George N.: *See*—
Julien, A. P., and Terziev.
Tessier, Joseph D., Worcester, Mass. Fastener. 2,374,394; Apr. 24.
Tessier, Joseph D., Worcester, Mass. Baling machine. 2,375,876; May 15.
Tessier, Joseph D., Worcester, Mass. Emergency tool. 2,379,387; June 26.
Tested Appliance Company: *See*—
Dick, Herbert L., assignor.

Testi, Nicholas, assignor to Gillette Safety Razor Company, Boston, Mass. Blade dispensing container. 2,376,206; May 15.
Testi, Nicholas, assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor. 2,377,388; June 5.
Testi, Nicholas, assignor to Gillette Safety Razor Company, Boston, Mass. Cigarette dispenser. 2,382,350; Aug. 14.
Testi, Nicholas, assignor to Gillette Razor Company, Boston Mass. Magazine for safety razors. 2,384,503; Sept. 11.
Testi, Nicholas, assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor. 2,386,727; Oct. 9.
Testin, Vladimir N., Plainfield, N. J. Gas neutralizing device. 2,376,733; May 22.
Testo, Henry, Lakewood, Ohio. Jig-appliance bushing. 2,369,869; Feb. 20.
Teter, John W.: *See*—
Apgar, F. A., and Teter.
Teter, John W., Chicago, Ill., assignor to Sinclair Refining Company, New York, N. Y. Cracking hydrocarbons. 2,376,833; May 22.
Teter, John W., Chicago, Ill., assignor to Sinclair Refining Company, New York, N. Y. Production of organic compounds containing nitrogen. 2,381,470; Aug. 7.
Teter, John W., Chicago, Ill., assignor to Sinclair Refining Company, New York, N. Y. Production of organic compounds containing nitrogen. 2,381,471; Aug. 7.
Teter, John W., Chicago, Ill., assignor to Sinclair Refining Company, New York, N. Y. Production of organic compounds containing nitrogen. 2,381,472; Aug. 7.
Teter, John W., Chicago, Ill., assignor to Sinclair Refining Company, New York, N. Y. Catalyst. 2,381,473; Aug. 7.
Teter, John W., Chicago, Ill., assignor to Sinclair Refining Company, New York, N. Y. Nitriation of hydrocarbons. 2,385,741; Sept. 25.
Teter, John W., Chicago, Ill., assignor to Sinclair Refining Company, New York, N. Y. Purification of nitriles. 2,388,506; Nov. 6.
Teter, John W., and W. J. Merwin, Chicago, Ill., assignors to Sinclair Refining Company, New York, N. Y. Dehydration of nitriles. 2,388,507; Nov. 6.
Tetlow, Max W., Sharon, assignor to B. B. Chemical Co., Boston, Mass. Attaching soles to shoes. 2,373,922; Apr. 17.
Tetzlaff, Edwin F., and H. L. Fitch, assignors to Eastman Kodak Company, Rochester, N. Y. Drier for photographic material. 2,376,207; May 15.
Tewell, Alma L., Greenwich, Conn. Coat hanger. 2,372,458; Mar. 27.
Texaco Development Corporation: *See*—
Carlson, Lawrence, assignor.
Garrison, Allen D., assignor.
Hare, Donald G. C., assignor.
Texas Company, The: *See*—
Arnold, George B., assignor.
Atwell, Harold V., assignor.
Barron, Joseph M., assignor.
Bruner, F. H., Clarke, and Sawyer, assignors.
Callaway, John R., assignor
Callaway, J. R., and Skelton, assignors.
Clarke, Louis A., assignor.
Coghlan, C. A., and Korpi, assignors.
Dowding, Leonard F., assignor.
Eastman, D. B., and Richter, assignors.
Eris, Wilson G., assignor.
Garrison, Allen D., assignor.
Goldsby, Arthur R., assignor.
Gross, H. H., and German, assignors.
Hare, Donald G. C., assignor.
Haskell, Nelson B., assignor.
Herzog, Gerhard, assignor.
Kemp, Lebbeus C., assignor.
Kemp, Lebbeus C. Jr., assignor.
Kiersted, Wynkoop, Jr., assignor.
McCleary, Rush F., assignor.
McCleary, R. F., and Fields, assignors.
McCleary, R. F., and Morris, assignors.
McCoy, F. C., and Towne, assignors.
McMillan, Wallace A., assignor.
McNealy, Eddins W., assignor.
Morris, J. R., and McCleary, assignors.
Patterson, J. A., and McCleary, assignors.
Pevere, Ernest F., assignor.
Richter, Charles, assignor.
Robinson, William W., Jr.
Roden, Harry, assignor.
Ryan, W. J., and Kendall, assignors.
Scherer, L. F., and South, assignors
Sensel, Eugene E., assignor.
Shields, Hardin O., assignor.
Stewart, Meredith M., assignor.
Story, Le Roy G., assignor.
Stratford, William M., assignor.
Strawn, Lynn R., assignor.
Teichmann, C. F., Goldsby, Kessler, and Neuhaus, assignors.
Towne, Charles C., assignor.
Uren, Lester C., assignor.
Veltman, Preston L., assignor.
Walker, H. H., and Mostyn, assignors.
Warrick, Halsted R., assignor.
Watson, Claude W., assignor.
Weetman, Bruce, assignor.
Texas Company, The: *See*—Continued
Weetman, B., and Agnew, assignors.
West, Frank S., assignor.
Wilson, Howard, assignor.
Winkelmann, Samuel A., assignor.
Wolf, A., and Herzog, assignors
Wood, J. T., Jr., and Davis, assignors.
Yarnall, Willis A., assignor.
Texas Gulf Sulphur Company: *See*—
Bencowitz, Isaac, assignor.
Texfan Company: *See*—
Morrison, Hackley, assignor.
Texproof Limited: *See*—
Czeczowiczka, Rudolf H., assignor.
Textile Machine Works: *See*—
Brumbach, Alvin L., assignor.
Stoudt, Thearon G., assignor.
Zwicky, Meichior, assignor.
Textron, Incorporated: *See*—
Little, R., and Jehu, assignors.
Thacker, Carlisle M.: *See*—
Bell, R. T., Folkins, and Thacker.
Bell, R. T., and Thacker.
Folkins, H. O., and Thacker.
Thacker, Carlisle M., Highland Park, assignor to The Pure Oil Company, Chicago, Ill. Preparing sulphur compounds. 2,369,377; Feb. 13.
Thacker, Ralph S., West Los Angeles, assignor to L. M. Harvey, La Canada, Calif. Impact welder. 2,383,695; Aug. 28.
Thaden Engineering Company: *See*—
Thaden, Herbert V., assignor.
Thaden, Herbert V., assignor to Thaden Engineering Company, Roanoke, Va. Apparatus for producing laminated structures. 2,383,227; Aug. 21.
Thames Board Mills Limited: *See*—
Brammer, F. C., and West, assignors.
Tharratt, George: *See*—
Klemperer, W. G., and Tharratt.
Thatcher, Frederick M.: *See*—
Cooper, H. G., and Thatcher.
Thaxton, Green O., assignor of one-fourth to D. Carroll, Washington, D. C. Washing machine. 2,374,247; Apr. 24.
Thaxton, Green O., Washington, D. C. Rinsing and drying apparatus. 2,377,192; May 29.
Thaxton, Green O., Washington, D. C. Dining table. 2,382,183; Aug. 14.
Thayer, Clarence H., Media, and R. C. Lassiat, Swarthmore, assignors of one-half to Sun Oil Company, Philadelphia, Pa., and one-half to Houdry Process Corporation, Wilmington, Del. Temperature control of contacting reactions. 2,384,858; Sept. 18.
Thayer, Clarence W., Erie, Pa. Anchor. 2,377,054; May 29.
Thayer Company: *See*—
Troendle, William C., assignor.
Thayer, Howard C., Jersey City, N. J., assignor to Quigley Company, Inc., New York, N. Y. Heat-resisting wall construction. 2,384,859; Sept. 18.
Thayer, Richard N., Cleveland Heights, Ohio, assignor to General Eelectric Company. Starting control for electric discharge devices. 2,379,115; June 26.
Thayer, Sidney A.: *See*—
Doisy, E. A., MacCorquodale, Thayer, Binkley, and McKee.
Theiler, Casimir, assignor to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Device for the construction of tight flange joints in lined apparatus. 2,383,089; Aug. 21.
Theiler, Hans J., assignor to Whitin Machine Works, Whitinsville, Mass. Yarn tension system. 2,373,066; Apr. 3.
Thelsen, Joseph L., Marblehead, Mass., assignor to General Electric Company. Wave expansion arrangement for cathode ray oscilloscopes. 2,386,728; Oct. 9.
Thelander, W. Vincent, Auburn, Ind. Clutch plate. Re. 22,635; Apr. 17.
Thelander, W. Vincent, Auburn, Ind. Two-way clutch. 2,379,024; June 26.
Theler, Frederick J.: *See*—
Binns, G. W., and Theler.
Theler, Frederick J., G. W. Binns, and J. Decker, assignors to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Grinding machine and grinding. 2,377,982; June 12.
Then, Edward O., Newark, N. J., assignor to American Can Company, New York, N. Y. Container. 2,369,188; Feb. 13.
Theobald, Clement W., Christiana Hundred, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Making halocetyl halides. 2,378,048; June 12.
Thermeh Corporation: *See*—
Manning, Lucius B., assignor.
Thermoid Company: *See*—
Hall, William H., Jr., assignor.
Sallé, Maurice, assignor.
Smith, Walter G. L., assignor.
Thermoloys Limited: *See*—
Adeline, Pierre, assignor.
Thew Shovel Company, The: *See*—
Zellman, Roy H., assignor.
Zellman, R. H., and Smythe, assignors.
Thexton, Arthur L., assignor to Clopay Corporation, Cincinnati, Ohio. Venetian blind. 2,387,419; Oct. 23.

Thexton Manufacturing Company: *See*—
Worel, Glen J., assignor.
Thias, Edwin P., Hollywood, Calif. Resonant circuit. 2,384,504; Sept. 11.
Thibodeau, Wilfred E.: *See*—
Church, J. H., and Thibodeau.
Thibodeau, Wilfred E., Cleveland, Ohio, and G. J. Kessenich, Madison, Wis. Impact firing mechanism. 2,367,245; Jan. 16.
Thibodeau, Wilfred E., Cleveland, Ohio, and G. J. Kessenich, Madison, Wis. Firing mechanism barrier. 2,367,246; Jan. 16.
Thiegs, Bernard J.: *See*
Lynn, G. E., and Thiegs.
Thiel, Otto, Detroit, Mich. Valve control means. 2,369,870; Feb. 20.
Thiel, Otto, Detroit, Mich. Float control. 2,381,626; Aug. 7.
Thiel, Otto, Detroit, Mich. Valve control means. 2,384,213; Sept. 4.
Thiel, Philip, Jr., Ipswich, Mass. Sectional ship. 2,369,265; Feb. 13.
Thiele, Berthold R.: *See*—
Wagner, R. S., and Thiele, assignors.
Thiele, Berthold R., assignor to E. R. Wagner Manufacturing Company, Milwaukee, Wis. Stop hinge. 2,372,303; Mar. 27.
Thiele, Berthold R., assignor to E. R. Wagner Manufacturing Company, Milwaukee, Wis. Strap handle holder. 2,374,629; Apr. 24.
Thiele, Berthold R., assignor to E. R. Wagner Manufacturing Company, Milwaukee, Wis. Latch. 2,379,613; July 3.
Thiele, Hazel L., St. Louis, Mo. Food frying unit. 2,367,448; Jan. 16.
Thiele, William F., and W. E. Beadle, Sr., deceased, Wisconsin Rapids, by W. E. Beadle, Jr., administrator, Biron, assignors to Consolidated Water Power and Paper Company, Wisconsin Rapids, Wis. Paper coating device. 2,369,378; Feb. 13.
Thielemann, Rudolf H., Portland, Oreg., assignor to General Electric Company. Copper bearing stainless steel. 2,382,273; Aug. 14.
Thielemann, Rudolf H., Schenectady, N. Y., assignor to General Electric Company. Fabricating molds. 2,388,299; Nov. 6.
Thielker, Henry J., assignor to Western Electric Company, Incorporated, New York, N. Y. Coating. 2,378,598; June 19.
Thies, Herman R., Kent, assignor to Wingfoot Corporation, Akron, Ohio. Synthetic rubber compositions. 2,379,464; July 3.
Thies, Herman R., Kent, and C. M. Carson, Cuyahoga Falls, assignors to Wingfoot Corporation, Akron, Ohio. Moistureproofed kraft paper. 2,370,090; Feb. 20.
Thiesen, Hugo A. J., St. Louis, Mo. Work-producing speed control. 2,381,321; Aug. 7.
Thoele, Lawrence J., assignor to I. Spinner, Chicago, Ill. Binder. 2,371,198; Mar. 13.
Thoele, Lawrence J., assignor to Plastic Binding Corporation, Chicago, Ill. Binder. 2,374,395; Apr. 24.
Thoenen, Marie, et al.: *See*—
Bruen, George C., assignor.
Tholand, Nils K. G., Bethlehem, Conn. Powder metallurgy. 2,366,371; Jan. 2.
Tholand, Nils K. G., Bethlehem, Conn. Powder metallurgy of high-speed steel. 2,372,696; Apr. 3.
Tholl, John F., Needham, assignor to American Tool & Machine Co., Hyde Park, Mass. Centrifugal separator. 2,384,784; Sept. 11.
Tholstrup, Henry L., Rochester, assignor to International Business Machines Corporation, New York, N. Y. Transcribing apparatus. 2,378,371; June 12.
Tholstrup, Henry L., Rochester, assignor to International Business Machines Corporation, New York, N. Y. Signal controlled printing apparatus. 2,388,351; Nov. 6.
Tholstrup, Poul, Roskilde, Denmark; vested in the Alien Property Custodian. Snow fence. 2,389,395; Nov. 20.
Thoma, Meinard F., Fitchburg, Mass. Roll cleaning apparatus for spinning frames and the like. 2,391,754; Dec. 25.
Thomander, Veron S.: *See*—
Young, D. A., and Thomander.
Thomander, Veron S., Maplewood, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electrical measuring instrument. 2,389,393; Nov. 20.
Thomander, Veron S., Maplewood, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Identification device. 2,390,817; Dec. 11.
Thomann, Robert A., Clayton, Mo., and J. A. Hyle, Detroit, Mich., assignors, by mesne assignments, of fifteen per cent to Forbes National Bank, Pittsburgh, Pa. Rail anchor. 2,373,923; Apr. 17.
Thomas, Albert G., Lynchburg, Va. Electric iron. 2,382,587; Aug. 14.
Thomas, Albert R., deceased, by The National City Bank of Evansville, Ind., administrator, Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,384,860; Sept. 18.
Thomas, Alexander, Weston, assignor to Polaroid Corporation, Cambridge, Mass. Manufacturing light-polarizing material. 2,375,963; May 15.
Thomas, Allan H., assignor of one-half to J. L. Lenz, Butte, Mont. Electric mathematical educational appliance. 2,389,394; Nov. 20.
Thomas, Alton B., Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Bridging conductor. 2,379,047; June 26.
Thomas, Arthur, Wallington, assignor to Powers Accounting Machines Limited, London, England. Web-feeding mechanism. 2,381,322; Aug. 7.
Thomas, Berkley A., et al.: *See*—
Bushnell, Elizabeth W., assignor.
Thomas, Charles A., Mad River Road, and C. A. Hochwalt, Rahn Road, Ohio, assignors to Monsanto Chemical Company. Ethers of styrene glycol. 2,372,615; Mar. 27.
Thomas, Charles L.: *See*—
Ahlberg, J. E., and Thomas.
Bloch, H. S., and Thomas.
Thomas, Charles L., assignor to Universal Oil Products Company, Chicago, Ill. Manufacture of vinylaromatics. 2,376,734; May 22.
Thomas, Charles L., assignor to Universal Oil Products Company, Chicago, Ill. Dehydrogenation of hydrocarbons. 2,377,113; May 29.
Thomas, Charles L., assignor to Universal Oil Products Company, Chicago, Ill. Hydrogenation of hydrocarbonaceous materials. 2,377,728; June 5.
Thomas, Charles L., assignor to Universal Oil Products Company, Chicago, Ill. Hydrocarbon conversion. 2,387,477; Oct. 23.
Thomas, Charles L., and J. E. Ahlberg, assignors to Universal Oil Products Company, Chicago, Ill. Catalytic reforming. 2,371,079; Mar. 6.
Thomas, Charles L., and V. Haensel, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,384,505; Sept. 11.
Thomas, Charles W., Wayne, and W. A. Robinson, Detroit, assignors to Ford Motor Company, Dearborn, Mich. Antenna. 2,368,174; Jan. 30.
Thomas, David E. F.: *See*—
Komives, L. I., Courtis, and Thomas.
Thomas, Edward B., Spondon, near Derby, England, assignor to Celanese Corporation of America. Manufacture and use of new amine salts. 2,384,053; Sept. 4.
Thomas, Elbert F., Wichita Falls, Tex. Foot corrective attachment for shoes. 2,381,846; Aug. 7.
Thomas, Frank E., Chicago, Ill. Animated figure. 2,366,576; Jan. 2.
Thomas, Frederick M.: *See*—
Fedden, A. H. R., Owner, Thomas, and Mansell.
Thomas, Frederick M., assignor to The De Havilland Aircraft Company Limited, Hatfield Aerodrome, Hertfordshire, England. Variable pitch airscrew. 2,368,950; Feb. 6.
Thomas, Frederick M., North Adams, Mass., and P. R. Price, assignors to The Bristol Aeroplane Company Limited, Bristol, England. Airscrew. 2,388,718; Nov. 13.
Thomas, George N., Mankato, Minn. Leader control for fish lines. 2,382,677; Aug. 14.
Thomas, George W., Athens, Ga. Sanding device. 2,384,656; Sept. 11.
Thomas, Harry E., Haddonfield, N. J., assignor to Radio Corporation of America. Mechanically tuned loop antenna. 2,373,206; Apr. 10.
Thomas, Harry E., Haddonfield, N. J., assignor to Radio Corporation of America. Voltage converter system. 2,373,275; Apr. 10.
Thomas, Harry E., Haddonfield, N. J., assignor to Radio Corporation of America. Frequency modulation detection. 2,379,764; July 3.
Thomas, Harry E., Haddonfield, N. J., assignor to Radio Corporation of America. Electrical coupling network. 2,390,474; Dec. 4.
Thomas, Harry W., Miami Beach, Fla. Screen of composite material. 2,368,689; Feb. 6.
Thomas, Harry W., Miami Beach, Fla. Making screen material. 2,375,597; May 8.
Thomas, Harry W., Miami Beach, Fla., assignor to Radio Patents Corporation, New York, N. Y. Combined screen frame and weather stripping. 2,378,163; June 12.
Thomas, Haydon P., East Moline, assignor to Deere & Co., Moline, Ill. Belt-tightening device. 2,366,159; Jan. 2.
Thomas, Heinz: *See*—
Voss, A., Dietz, and Thomas.
Thomas, Henry, Chingford, England, assignor to U. S. Slicing Machine Company, La Porte, Ind. Slicing machine. 2,378,664; June 19.
Thomas, Heyward D.: *See*—
Campbell, H. C., and Thomas.
Thomas, Howard W.: *See*—
Harris, Emory, assignor.
Thomas, J. R., and Associates: *See*—
Eppenstein, James F., assignor.
Thomas, J. Stephens, New York, N. Y., assignor to F. W. Ludwig, as trustee for the benefit of T. J. Stephens, H. A. Rudkin, and F. W. Ludwig. Apparatus for roasting coffee and the like. 2,389,650; Nov. 27.
Thomas, James C., Detroit, assignor to Thomas Tool & Machine Company, Pontiac, Mich. Gauge. 2,379,048; June 26.
Thomas, John C., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Esters. 2,384,577; Sept. 11.

Thomas, John J., Newport News, Va. Hinge construction. 2,383,021; Oct. 30.

Thomas, John W., Dublin, Ga. Decorative handbag material. 2,377,656; June 5.

Thomas, John W., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Closure. 2,367,317; Jan. 16.

Thomas, Joseph R., Chicago, Ill. Folding bed rail. 2,370,890; Mar. 6.

Thomas, Llewellyn H.: *See*—
Cape, A. T., Brassert, and Thomas.

Thomas, Mildred: *See*—
Yates, J. H., and Thomas.

Thomas, Milfred K., Birmingham, Ala. Antifreeze device. 2,390,475; Dec. 4.

Thomas, Moyer D., and J. O. Ivie, Salt Lake City, Utah, assignors to American Smelting and Refining Company, New York, N. Y. Wind recording apparatus. 2,391,601; Dec. 25.

Thomas, Pacific J., Wyoming, assignor to U. S. Textile Machine Company, Scranton, Pa. Yarn feed control means for textile machines. 2,386,822; Oct. 16.

Thomas, Parke E., assignor to Republic Steel Corporation, Cleveland, Ohio. Solids feeder. 2,389,566; Nov. 20.

Thomas, Paul V., Joinville-Le-Pont, France; vested in the Alien Property Custodian. Pressing device with an endless strip. 2,369,089; Feb. 6.

Thomas, Ray G.: *See*—
Hollatz, A. C., and Thomas.

Thomas, Richard, Bromborough, and H. Whitham, deceased, Upton, Wirral, by M. Whitham, executrix, Upton, Wirral, England, assignors to Lever Brothers Company, Cambridge, Mass. Brushless shaving preparation. 2,366,759; Jan. 9.

Thomas, Robert M.: *See*—
Sparks, W. J., and Thomas.

Thomas, Robert M., Union, and W. J. Sparks, Crawford, N. J., assignors to Standard Oil Development Company. Polymers of unsaturated acid compound and alpha olefinic compound. 2,373,067; Apr. 3.

Thomas, Robert M., Union, D. C. Field, Linden, and H. C. Reynolds, Jr., Roselle Park, N. J., assignor, by mesne assignments, to Jasco, Incorporated. Polymerization catalyst. 2,383,627; Aug. 28.

Thomas, Robert M., Union, and J. F. Nelson, Elizabeth, N. J., assignors, by mesne assignments, to Jasco, Incorporated. Polymerization catalysts. 2,387,543; Oct. 23.

Thomas, Robert M., Union, N. J., and H. C. Reynolds, Jr., Belmont, Mass., assignors to Standard Oil Development Company. Polymerization process for normal olefins. 2,387,784; Oct. 30.

Thomas, Samuel B.: *See*—
Luten, D. B., Jr., and Thomas.

Thomas, Stanley R., Lyons, Mich., assignor to The Torrington Company, South Bend, Ind. Needle roller construction. 2,368,175; Jan. 30.

Thomas Steel Company, The: *See*—
Davis, E. E., and Stevens, assignors.

Thomas, Thomas M.: *See*—
Mitchell, R. H., and Thomas.

Thomas, Thomas W., San Rafael, Calif. Boom stop. 2,376,019; May 15.

Thomas Tool & Machine Company: *See*—
Thomas, James C., assignor.

Thomas, Vallie A., Washington, D. C. Bucket hanger. 2,381,189; Aug. 7.

Thomas, Walter E., Jefferson, assignor of one-half to L. W. Griswold, Cooper, Iowa. Boiler feed pump. 2,379,841; July 3.

Thomas, William D., Jr.: *See*—
Cook, E. W., and Thomas, assignors.

Thomas, Frank E., South Portland, Maine. Fuel feeding apparatus. 2,386,991; Oct. 16.

Thomlinson, Fred, Langley, England. Apparatus for heating air or other fluid. 2,380,346; July 10.

Thompson, Albert R., San Jose, assignor to Pacific Machinery Company, San Francisco, Calif. Continuous peach pitter. 2,376,526; May 22.

Thompson, Albert R., Los Gatos, assignor to Food Machinery Corporation, San Jose, Calif. Valve mechanism for pressure cooker. 2,389,330; Nov. 20.

Thompson, Albert R., Los Gatos, assignor to Food Machinery Corporation, San Jose, Calif. Apparatus for treating evaporated milk. 2,391,203; Dec. 18.

Thompson, Albert R., Los Gatos, and R. D. Fox, assignors to Food Machinery Corporation, San Jose, Calif. Method and apparatus for preparing asparagus or the like. 2,383,228; Aug. 21.

Thompson, Alfred A., Dayton, Ohio. Convertible ladder. 2,381,525; Aug. 7.

Thompson, Alfred E., and R. D. Salmon, assignors to Creed and Company Limited, Croydon, England. Facsimile telegraph system. 2,368,387; Jan. 30.

Thompson, Almer J.: *See*—
Melton, R. L., and Thompson, assignors.

Thompson, Boyce, Institute for Plant Research, Inc.: *See*—
Harvill, Edward, assignor.

Thompson, Charles L., Oakland, Calif. Retractable auxiliary wing for airplanes. 2,376,636; May 22.

Thompson, Charles W., Sullivan, Colo. Machine gun hanger. 2,386,015; Oct. 2.

Thompson, Earl A., Bloomfield Hills, assignor to General Motors Corporation, Detroit, Mich. Clutch and control. 2,380,680; July 31.

Thompson, Edward S., Marblehead, Mass., assignor to General Electric Company. Filter control for aircraft engines and superchargers. Re. 22,656; July 31.

Thompson, Edward S., Marblehead, Mass., assignor to General Electric Company. Filter control for aircraft engines and superchargers. 2,368,501; Jan. 30.

Thompson Electric Company, The: *See*—
Farrington, T. B. and R. K., and Dalzell, assignors.
Farrington, T. B. and R. K., and Keller, assignors.

Thompson, Elmer B., assignor to Globe Hoist Company, Des Moines, Iowa. Dolly. 2,386,516; Oct. 9.

Thompson, Elmer O., Grasmere, N. Y., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Voltage regulator. 2,378,873; June 19.

Thompson, Elmer O., Grasmere, N. Y., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Two-speed motor. 2,388,884; Nov. 13.

Thompson, Ernest H., Winnetka, Ill. Empty lock for vending machines. 2,383,229; Aug. 21.

Thompson, Ernest H., Winnetka, assignor to Johnson Fare Box Company, Chicago, Ill. Fare registering mechanism. 2,366,882; Jan. 9.

Thompson, Ernest H., Winnetka, and L. W. Doggett, assignors to Automatic Canteen Company of America, Chicago, Ill. Electric selective drink vending machine. 2,376,403; May 22.

Thompson, Evelyn J., New York, N. Y. Animal toilet. 2,390,854; Dec. 11.

Thompson, Foarde, Dallas, Tex. Expansion tool. 2,370,333; Feb. 27.

Thompson, Francis E., Lawrence, Mass. Lawn mower gear and locking device. 2,383,696; Aug. 28.

Thompson, Friar M., Jr., assignor to Hercules Powder Company, Wilmington, Del. Insecticidal composition. 2,367,155; Jan. 9.

Thompson, George C., Falls Church, Va., and E. F. Seaman, Washington, D. C. Terminal stuffing tube. 2,367,700; Jan. 23.

Thompson, Glenn S., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Engine starter. 2,388,450; Nov. 6.

Thompson Grinder Company, The: *See*—
Baldenhofer, William G., assignor.
Wilson, John C., assignor.

Thompson, Harris A., Detroit, Mich., assignor to General Electric Company. Expansion circuit for oscilloscope. 2,375,709; May 8.

Thompson, Harry H.: *See*—
Moore, D. V., and Thompson.

Thompson, Harry H., assignor to Wingfoot Corporation, Akron, Ohio. Plasticizing copolymers. 2,391,281; Dec. 18.

Thompson, Harry L., Cooperstown, N. Dak. Sheet-retaining attachment for platen presses. 2,370,591; Feb. 27.

Thompson, Herbert H.: *See*—
Riggs, A. S., and Thompson.

Thompson, Howard A., Edgewood, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway track circuit apparatus. 2,367,742; Jan. 23.

Thompson, Howard A., Edgewood, and J. J. Van Horn, Pittsburgh, assignors to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,370,091; Feb. 20.

Thompson, James F.: *See*—
Fisher, H. C., and Thompson.

Thompson, Jesse S., assignor to The Huber Manufacturing Company, Marion, Ohio. Synchronized hydraulic control valve. 2,369,324; Feb. 13.

Thompson, John B. D.: *See*—
Kassler, A., and Thompson.

Thompson, John R.: *See*—
Kirkpatrick, William C., assignor.

Thompson, Joseph J.: *See*—
Lindow, Carl W., and Thompson.

Thompson, Judson L.: *See*—
Havener, Arthur R., assignor.

Thompson, Kenneth M., Aldan, assignor to The Atlantic Refining Company, Philadelphia, Pa. Resinous materials and production thereof. 2,382,184; Aug. 14.

Thompson, Leland E., Merchantville, N. J., assignor to Radio Corporation of America. Ultra-high frequency converter circuit. 2,370,758; Mar. 6.

Thompson, Le Roy, Blakely, Ga., assignor to Locomotive Economizer Corporation, New York, N. Y. Smoke box structure. 2,384,407; Sept. 4.

Thompson, Leslie E., and A. Jenkins, London, N. 1, England, assignors, by mesne assignments, to The Union Switch and Signal Company, Swissvale, Pa. Alternating current rectifier of the selenium type. 2,378,513; June 19.

Thompson, Leslie E., and A. Jenkins, King's Cross, London, England, assignors, by mesne assignments, to The Union Switch and Signal Company, Swissvale, Pa. Alternating electric current rectifiers of the selenium type. 2,380,880; July 31.

Thompson, Leslie E., and A. Jenkins, assignors, by mesne assignments, to The Union Switch and Signal Company, Swissvale, Pa. Manufacture of alternating current rectifiers of the selenium type. 2,389,008; Nov. 13.

Thompson, Lincoln, Cheshire, assignor to The Soundscriber Corporation, New Haven, Conn. Control circuit for sound recording apparatuses. Re. 22,606; Feb. 20.

Thompson, Lincoln, Cheshire, assignor to The Soundscriber Corporation, New Haven, Conn. Variable resistance equalizer. 2,369,088; Feb. 6.

Thompson, Lincoln, Cheshire, and R. L. Stone, Orange, assignors to The Soundscriber Corporation, New Haven, Conn. Spring hinge mounting for sound recording and reproducing heads. 2,369,087; Feb. 6.

Thompson, Lonnie L., Iowa Park, Tex. Filter. 2,381,627; Aug. 7.

Thompson, Loren E., Parkersburg, W. Va. Abrading machine work support. 2,367,156; Jan. 9.

Thompson, Loren E., Parkersburg, W. Va. Abrading machine knee. 2,375,149; May 1.

Thompson, Loren E., Parkersburg, W. Va. Abrading apparatus. 2,383,829; Aug. 28.

Thompson, Louis W., Schenectady, N. Y., assignor to General Electric Company. Electric regulating and control system. 2,360,577; Jan. 2.

Thompson, Marian, executrix: *See*—
Thompson, Milton E., assignor.

Thompson, Marvin R.: *See*—
Martin, G. J., and Thompson.

Thompson, Milton E., Ridgway, Pa.; M. Thompson, executrix of said M. E. Thompson, deceased, assignor, by mesne assignments, to M. Thompson. Control of speed and power transmission for internal-combustion engines. 2,367,976; Jan. 23.

Thompson, Morris J., Los Angeles, Calif. Hydrocolloid dispensing syringe. 2,370,759; Mar. 6.

Thompson, Morris J., Los Angeles, Calif. Dental hydrocolloid conditioning apparatus. 2,379,504; July 3.

Thompson, Morris J., Los Angeles, Calif. Dental hydrocolloid syringe. 2,381,785; Aug. 7.

Thompson, Nellie, Los Angeles, Calif. Box wrench clip. 2,368,902; Feb. 6.

Thompson, Norman A., London, S. W. 1, England. Aircraft. 2,376,834; May 22.

Thompson, Norman C., Auburn, A. Y. Gunter, Larchmont, W. A. Shaw, Forest Hills, and W. E. Roe, deceased, Kirkland, by V. B. Roe, administratrix, Clinton, assignors to American Locomotive Company, New York, N. Y. Welding machine for fin tubes. 2,390,855; Dec. 11.

Thompson, Orville I., assignor to De Forest's Training, Inc., Chicago, Ill. Device for maintaining a fixed bias. 2,375,877; May 15.

Thompson, Paul H., Wheaton, Ill. Collapsible book rest and holder. 2,388,771; Nov. 13.

Thompson Products, Inc.: *See*—
Booth, James H., assignor.
Bredenbeck, Bill C., assignor.
Caserta, Michele, assignor.
Colwell, Archie T., assignor.
Cummings, Robert E., assignor.
Jacobus, Harland E., assignor.
Kerwin, J. M., and Norton, assignors.
McDill, Rex D., assignor.
Snyder, Jacob R., assignor.
Townhill, Arthur, assignor.
Venditty, Anthony, assignor.

Thompson, Robert B., Wilton, and E. J. Roberts, Westport, Conn., assignors to The Dorr Company, New York, N. Y. Calcium stannate refining. 2,383,427; Aug. 21.

Thompson, Robert J., assignor to The W. O. Hickok Mfg. Co., Harrisburg, Pa. Paper feeding apparatus. 2,387,954; Oct. 30.

Thompson, Robert K., and K. E. Dixon, Detroit, Mich., assignors to G. M. and E. Holley. Mixture control. 2,389,219; Nov. 20.

Thompson, Robert M., Seattle, Wash. Continuous pressure separating device. 2,382,453; Aug. 14.

Thompson, Ross, Durham, N. C., assignor of one-third to H. D. Armstrong. Tamper for cigarette machine feeders. 2,388,772; Nov. 13.

Thompson, Russell H., Indianapolis, Ind. Envelope stuffing machine. 2,384,506; Sept. 11.

Thompson, Seth W., Essex Fells, N. J. Transmission gearing. 2,390,228; Dec. 4.

Thompson, Seth W., Essex Fells, N. J. Transmission gearing for crankshafts. 2,390,229; Dec. 4.

Thompson, Thomas, Bothell, Wash. Foldable vehicle tent and bed. 2,378,448; June 19.

Thompson, Walter S., Los Angeles, assignor to Radio Corporation of America. Electronic compressor control. 2,390,856; Dec. 11.

Thompson, William, Cleveland Heights, Ohio, assignor to The American Steel and Wire Company of New Jersey. Nail cleaning apparatus. 2,390,011; Nov. 27.

Thompson, William G., Sutton Coldfield, assignor to The General Electric Company Limited, London, England. Electromagnetic pump for electrically conducting liquids. 2,386,369; Oct. 9.

Thompson, William H., Chatham, assignor to Davis Engineering Corporation, Elizabeth, N. J. Evaporator. 2,388,773; Nov. 13.

Thompson, Willis F., Portland, Maine, assignor to The Alden Speare's Sons Co., Cambridge, Mass. Pump. 2,391,806; Dec. 25.

Thompson, Wilma: *See*—
Kirkpatrick, William C., assignor.

Thoms, Charles D., New York, N. Y. Valved container. 2,376,404; May 22.

Thoms, Charles D., New York, N. Y. Apparatus for treating liquids. 2,383,522; Aug. 28.

Thoms, Louis, Birmingham, and D. L. Maker, Pleasant Ridge, assignors to General Motors Corporation, Detroit, Mich. Motor vehicle. 2,373,356; Apr. 10.

Thomsen, Alfred M., San Francisco, Calif. Method of and apparatus for compressing air and the like. 2,360,160; Jan. 2.

Thomsen, Alfred M., San Francisco, Calif. Making magnesia from dolomite. 2,377,592; June 5.

Thomsen, Alfred M., San Francisco, Calif. Processing of molasses and the like. 2,380,087; July 10.

Thomsen, Alfred M., San Francisco, Calif. Apparatus for power development. 2,391,078; Dec. 18.

Thomsen, William A. V.: *See*—
Grant, H. C., Jr., and Thomsen.

Thomson, E. Craig, Boston, Mass. System of tubular electrodes. 2,387,365; Oct. 23.

Thomson-Gibb Electric Welding Company: *See*—
Cutter, George A., assignor.
Seifert, Charles E., assignor.
Southwick, William S., assignor.

Thomson, John, Paisley, Scotland. Decorticating of flax and other bast fibers. 2,385,427; Sept. 25.

Thomson, John B.: *See*—
Ferger, Hulbert K., assignor.

Thomson, John B., Manhasset, and S. G. Thomson, assignors to Zimmer-Thomson Corporation, Flushing, N. Y. Folding litter. 2,378,806; June 19.

Thomson, Judson L., Manufacturing Company: *See*—
Paterson, Leslie M., assignor.

Thomson, Robin H. K., Kilwinning, Scotland, assignor to Imperial Chemical Industries Limited. Viscous solutions of vegetable globulins. 2,381,088; Aug. 7.

Thomson, Samuel G.: *See*—
Thomson, John B. and S. G.

Thomson, S. H., Manufacturing Company, The: *See*—
Gravenstine, George E., assignor.

Thomson, Thomas: *See*—
Barker, S. F., Selman, Bull, Marten-Gwilliam, Wark, and Thomson.
Whitworth, E., and Thomson.

Thoren, Josef H. E.: *See*—
Gothberg, K. E. A., Ruist, and Thoren.

Thoren, Norman T., Beloit, Wis. Sanitary waste receptacle. 2,384,709; Sept. 11.

Thoresen, Einar, assignor to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Bearing seal. 2,385,388; Sept. 25.

Thoresen, Einar, Pittsburgh, and W. H. Marsh, Crafton, assignors to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Predetermining dispensing apparatus. 2,382,454; Aug. 14.

Thornbery, John H., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Manifold assembly. 2,379,116; June 26.

Thornburg, Herbert W., assignor to Bucyrus-Erie Company, South Milwaukee, Wis. Spooling device for cable tool drills. 2,372,232; Mar. 27.

Thornburgh, Ivan D., Leonia, N. J., assignor to American Can Company, New York, N. Y. Flattened can body manufacturing machine. 2,383,523; Aug. 28.

Thornburgh, Ivan D., Leonia, N. J., assignor to American Can Company, New York, N. Y. Preparing tubing for transportation. 2,386,823; Oct. 16.

Thorne, John B.: *See*—
Cooper, B. P., and Thorne.

Thorner, Marvin E.: *See*—
Lieber, R., and Thorner.

Thorner, Robert H., Detroit, Mich. Torque wrench or like tool. 2,378,956; June 26.

Thornhill, Peter W., Leamington Spa, assignor to J. H. Onions, Coventry, England. Shock absorber. 2,367,977; Jan. 23.

Thornhill, Peter W., Leamington Spa, assignor to J. H. Onions, Coventry, England. Shock absorber. 2,372,137; Mar. 20.

Thornhill, Peter W., Leamington Spa, assignor to J. H. Onions, Coventry, England. Liquid damped telescopic shock absorber. 2,379,388; June 26.

Thornhill, Peter W., Leamington Spa, and J. H. Onions, Coventry, England; said Thornhill assignor to said Onions. Ball and roller bearings, particularly those for rectilinear motion. 2,369,926; Feb. 20.

Thornhill, William H., Montreal, Quebec, Canada. Baby carriage. 2,391,658; Dec. 25.

Thornley, Joseph H., Evanston, Ill. Foundation and constructing the same. 2,373,276; Apr. 10.

Thornley, Joseph H., Evanston, Ill. Pile cap. 2,377,055; May 29.

Thornley, Joseph H., Evanston, Ill. Foundation and forming same. 2,381,014; Aug. 7.

Thornquist, Jonas E., St. Paul, Minn. Draft control device for oil burners. 2,370,891; Mar. 6.

Thornton, Alfred M., and W. F. Baly, assignors to Standard Telephones and Cables Limited, London, England. Gain control circuits for carrier systems. 2,382,588; Aug. 14.

Thornton, Charles W., Framingham, Mass. Signal device for vehicles. 2,382,832; Aug. 14.

Thornton, Harry E.: *See*—
Amidon, M., and Thornton.

Thornton, Harry E., Plainfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Material coating apparatus. 2,378,599; June 19.

Thornton, John T., Parrott, Ga. Peanut harvester. 2,389,567; Nov. 20.

Thornton, Ray F., Dearborn, Mich. Vehicle construction. 2,378,810; June 19.

Thornton, Ray F., Dearborn, Mich. Driving axle construction. 2,386,917; Oct. 16.

Thorpe, Herbert, Jr., South Bend, Ind. Switch. 2,378,514; June 19.

Thorpe, Jack B., Long Beach, Calif. Extensometer. 2,382,351; Aug. 14.

Thorpe-Woods, Henry, assignor to International Marine Radio Company Limited, London, England. Pump. 2,381,628; Aug. 7.

Thornberg, Eric A., Mahopac, N. Y. Measuring implement. 2,367,743; Jan. 23.

Thorsen, E. M., et al.: *See*—
Bruen, George C., assignor.

Thorsson, Matthew, assignor to The Howe Scale Company, Rutland, Vt. Scale. 2,389,108; Nov. 13.

Thorsten, Thorleif, Pittsburgh, Pa., and J. E. Geue and R. V. Kellogg, Sr., Power, W. Va. Apparatus for the disposition of flue dust and the like. 2,370,207; Feb. 27.

Threedy, Clarence E., trustee: *See*—
Patzer, William, assignor.

Threeton, Clay L., Birmingham, Ala. Suit cover and carrier. 2,375,665; June 19.

Threlfield, Clarence D., Bellingham, Wash. Twine holder. 2,391,364; Dec. 18.

Thresh, Frank R., Beverly, assignor to United Shoe Machinery Corporation, Flemington, N. J. Time delay mechanism. 2,374,846; May 1.

Throckmorton, John W.: *See*—
Wallis, J. S., and Throckmorton.

Throckmorton, John W., Wilton, and J. S. Wallis, Darien, Conn., assignors to Petro-Chem Process Company Incorporated. Boiler construction. 2,375,505; May 8.

Throdahl, Monte C., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Vulcanizable polymerization products. 2,381,526; Aug. 7.

Thum, Walter A., St. Louis, Mo. Heel gluing machine. 2,378,256; June 12.

Thumim, Carl and E. J. Frank, Yeadon, and A. C. Boisseau, Lansdowne, Pa., assignors to General Electric Company. Circuit breaker operating system. 2,390,942; Nov. 27.

Thurber, Elmer A., Brooklyn, N. Y., and L. A. Wooten, Maplewood, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Preparing a coating suspension. 2,385,313; Sept. 18.

Thurlow, Thomas L., Venice, Calif. Observation instrument. 2,384,507; Sept. 11.

Thurman, Carl C.: *See*—
Eddins, W. N., and Thurman.

Thurmond, Charles D.: *See*—
Cohen, S. A., Thurmond, and Read.

Thurmond, Gilbert I., Asheville, assignor to American Enka Corporation, Enka, N. C. Manufacture of rayon. 2,389,190; Feb. 13.

Thurmond, Gilbert I., Asheville, assignor to American Enka Corporation, Enka, N. C. Manufacture of rayon. 2,389,191; Feb. 13.

Thurnauer, Hans., assignor to American Lava Corporation, Chattanooga, Tenn. Electrically conductive ceramic thread guide. 2,369,266; Feb. 13.

Thurston, Arthur L., Wantagh, and B. Sweeney, Great Neck, N. Y., assignors to Cox and Stevens Aircraft Corporation, Computer. 2,369,420; Feb. 13.

Thurston, Charles E., Merchantville, N. J., assignor to The Easterbrook Steel Pen Manufacturing Co., Camden, N. J. Pen and reservoir attachment therefor. 2,387,539; Jan. 16.

Thurston, Frank M.: *See*—
Justice, G. E., Thurston, and Young.

Thurston, Jack T.: *See*—
Kaiser, D. W., and Thurston.

Thurston, Jack T., Riverside, Conn., assignor to American Cyanamid Company, New York, N. Y. Azo dyestuffs and their manufacture. 2,367,072; Jan. 9.

Thurston, Jack T., Riverside, Conn., assignor to American Cyanamid Company, New York, N. Y. Arylazoaroylguanylureas and their salts. 2,367,073; Jan. 9.

Thurston, Jack T., Riverside, Conn., assignor to American Cyanamid Company, New York, N. Y. Purification of fluid media. 2,372,233; Mar. 27.

Thurston, Jack T., Riverside, Conn., assignor to American Cyanamid Company, New York, N. Y. Difuryl sulphonates. 2,373,152; Apr. 10.

Thurston, Jack T., Riverside, Conn., assignor to American Cyanamid Company, New York, N. Y. Furyl sulphonates. 2,385,314; Sept. 18.

Thurston, Jack T., Cos Cob, Conn., assignor to American Cyanamid Company, New York, N. Y. Textile finishing. 2,385,765; Sept. 25.

Thurston, Jack T., Cos Cob, Conn., assignor to American Cyanamid Company, New York, N. Y. Guanamines in textile finishing. 2,385,766; Sept. 25.

Thurston, Jack T., Cos Cob, Conn., assignor to American Cyanamid Company, New York, N. Y. Hydroxy-substituted aryl guanamines. 2,386,517; Oct. 9.

Thurston, Jack T., Cos Cob, Conn., assignor to American Cyanamid Company, New York, N. Y. Sulphoaliphatic guanamines. 2,390,476; Dec. 4.

Thurston, Jack T., and D. W. Kaiser, Riverside, Conn., assignors to American Cyanamid Company, New York, N. Y. Salts of ω-cyanoguanidodithiocarbonic acid. 2,368,903; Feb. 6.

Thurston, Jack T., Cos Cob, Conn., and J. M. Grim, assignors to American Cyanamid Company, New York, N. Y. α-Naphthylmethyl esters of hydroxy-aliphatic acids. 2,383,897; Aug. 28.

Thurston, Jack T., Riverside, and R. L. Sperry, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Production of refined cyanogen chloride. 2,391,490; Dec. 25.

Thurston, Paul L., and D. Nagley, Martinsburg, W. Va., assignors to Interwoven Stocking Company, New Brunswick, N. J. Tubular knit fabric and making the same. 2,369,927; Feb. 20.

Thurston, Paul L., Martinsburg, W. Va., and D. Nagley Philadelphia, Pa., assignors to Interwoven Stocking Company, New Brunswick, N. J. Tubular knit fabric and making the same. 2,369,928; Feb. 20.

Thyer, Percy J., Nottingham, England. Type bar operating mechanism for typewriters. 2,372,616; Mar. 27.

Thylefors, Henric: *See*—
Lindgren, H. O., and Thylefors.

Thyreen, Paul I.: *See*—
Brooksieker, H. H., and Thyreen.

Tibbetts, Raymond E.: *See*—
Hallstrom, C. A., and Tibbetts.

Tibbetts, Raymond W., Camden, Maine. Piezoelectric device. 2,386,279; Oct. 9.

Tibbetts, Raymond W., Camden, Maine, assignor, by mesne assignments, to Stator Corporation. Manufacture of double walled vessels. 2,368,273; Jan. 30.

Tice, Hedwig, administratrix: *See*—
Tice, John T.

Tice, John T., deceased, Atlanta, Ga.; H. Tice, administratrix. Lap pin. 2,388,774; Nov. 13.

Tichota, Vencel J., Dodge, Nebr. Draft equalizer. 2,389,094; Nov. 13.

Tickell, Herbert J., Chicago, Ill. Stereoscopic apparatus. 2,380,088; July 10.

Tickometer Company, The: *See*—
Scher, Louis, assignor.

Tidd, Arthur H.: *See*—
Johnson, J. P., and Tidd.

Tiddy, William, assignor to Semet-Solvay Engineering Corporation, New York, N. Y. Ammonium sulphate production. 2,368,901; Feb. 6.

Tiddy, William, assignor to Semet-Solvay Engineering Corporation, New York, N. Y. Ammonium salt production. 2,383,171; Aug. 21.

Tide Water Associated Oil Company: *See*—
Butler, D. E., Herold, and Zacher, assignors.
Galstaun, Lionel S., assignor.
Lasar A., Ruedrich, and Frazier, assignors.
Ruedrich, Paul M., assignor.
Stanfield, R. S., and Doolan, assignors.
Viland, C. K., and Hyde, assignors.
Winding, Charles C., assignor.
Zellner, Carl N., assignor.

Tidwell, Hubert, Washington, D. C. Adjustable rib. 2,378,515; June 19.

Tiede, Arthur J., assignor to G. C. Bear, Detroit, Mich. Producing a dispersive agent. 2,381,939; Aug. 14.

Tiedemann, Hans, Tokyo, Japan; vested in the Alien Property Custodian. Decomposition of sodium aluminate liquor. 2,380,804; July 31.

Tierney, Ava L.: *See*—
Harrison, Charles W., assignor.

Tierney, Samuel, Jr., Westfield, assignor to Breeze Corporations, Inc., Newark, N. J. Radio shielding manifold. 2,379,322; June 26.

Tietig, Chester, Covington, Ky. Process and apparatus for military and naval mining. 2,369,325; Feb. 13.

Tietig, Chester, Covington, Ky. Method and apparatus for fluid contact. 2,383,946; Sept. 4.

Tiffany, Frank E., Claremont, assignor to Lockheed Aircraft Corporation, Burbank, Calif. Safety means for power-operated tools. 2,387,478; Oct. 23.

Tilbrook, Gilmore L., Washington, D. C. Rhythmeter for determining sterility and fertility. Re. 22,692; Nov. 13.

Tillett, Stanley H., Wanstead, England. Jig for use in drilling and like operations. 2,389,243; Nov. 20.

Tilley, Frank W., Washington, D. C., assignor to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Preparing hog cholera vaccine. 2,369,267; Feb. 13.

Tillitson, Edward, W., Grosse Pointe Farms, assignor to Parke, Davis & Company, Detroit, Mich. Organic amine derivatives and obtaining same. 2,370,002; Feb. 20.

Tillitson, Edward W., Grosse Pointe Farms, assignor to Parke, Davis & Company, Detroit, Mich. Organic amine derivatives and obtaining same. 2,374,791; May 1.

Tillman, George, Kingsville, Tex. Sanitary sugar bowl and extractor. 2,387,623; Oct. 23.

Tillotson, Neil E., Watertown, Mass. Resin composition. 2,369,379; Feb. 13.

Tillotson, Neil E., Watertown, Mass. Rubber or rubber-like composition and method. 2,379,389; June 26.

Tillotson, Neil E., Watertown, Mass. Apparatus for making hollow rubber articles. 2,389,009; Nov. 13.

Tillotson Manufacturing Company, The: *See*—
Phillips, Bernard C., assignor.

Tillotson, Wesley T.: *See*—
Stephens, F. J., and Tillotson.

Tillyer, Edgar D., assignor to American Optical Company, Southbridge, Mass. Optical means. 2,370,697; Mar. 6.

Tillyer, Edgar D., assignor to American Optical Company, Southbridge, Mass. Ophthalmic lens. 2,391,045; Dec. 18.

Tillyer, Edgar D., Southbridge, Mass., and J. W. Ford, Snyder, N. Y., assignors to American Optical Company, Southbridge, Mass. Glass annealing and method. 2,369,189; Feb. 13.

Tillyer, Edgar D., W. J. Joyce, and H. R. Moulton, assignors to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 2,380,481; July 31.

Tilson, Donald H., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Tamperproof closure. 2,387,955; Oct. 30.

Tilson, Donald H., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Tamperproof closure. 2,387,956; Oct. 30.

Tilton, Russell G., Mountain Lakes, N. J., assignor to Otis Elevator Company, New York, N. Y. Working platform for elevator hoistways. 2,379,553; July 3.

Timber Engineering Company: *See*—
Kimbell, Richard G., assignor.
Lank, Everett S., assignor.
Winkel, Victor J., assignor.

Timberlake, Josephine B.: *See*—
Schoolfield, L. D., and Timberlake.

Timbs, Edward, Los Angeles, Calif., assignor to The National Supply Company, Pittsburgh, Pa. Precision timer. 2,382,833; Aug. 14.

Time, Incorporated: *See*—
Coleman, Roy E., assignor.

Times Telephoto Equipment Inc.: *See*—
Shonnard, John R., assignor.

Timken-Detroit Axle Company, The: *See*—
Alden, H. W., Buckendale, and Super, assignors.
Buckendale, Lawrence R., assignor.
Buckendale, L. R., Brownyer, and Keese, assignors.
Keese, B. W., and Blair, assignors.
Keese, B. W., and Hazen, assignors.
Rockwell, W. F., and Keese, assignors.
Spiller, W. R., Alden, and Super, assignors.
Wilber, Carl L., assignor.
Wilson, J. A., and Sutterfield, assignors.

Timken Roller Bearing Company, The: *See*—
Baker, John B., assignor.
Boden, Ernest G., assignor.
Bonte, Frederick R., assignor.
Buckwalter, Tracy V., assignor.
Buckwalter, T. V., and Scribner, assignors.
Edwards, Herbert C., assignor.
Haines, Harry F., assignor.
Reese, Carl N., assignor.

Timm Aircraft Corporation: *See*—
Powell, Reginald A., assignor.

Timm, Roy C., Buffalo, and J. Rothfuss, Orchard Park, assignors to Trico Products Corporation, Buffalo, N. Y. Inspection machine. 2,390,012; Nov. 27.

Timmerman, Paul E., Elizabeth, and C. V. Johanson, Cranford, N. J., assignors to The Linde Air Products Company. Manufacture of heating heads and blowpipe nozzles. 2,378,516; June 19.

Timpson, Lewis G. M., Plainfield, N. J. Nozzle. 2,388,508; Nov. 6.

Timpson, Lewis G. M., Plainfield, N. J. Extinguishing fires and fluid used therein. 2,389,652; Nov. 27.

Timpson, Lewis G. M., Plainfield, N. J., assignor to Pyrene Development Corporation. Method and apparatus for projecting liquid jets. 2,386,918; Oct. 16.

Timpson, Lewis G. M., Plainfield, N. J., assignor to Pyrene Development Corporation. Apparatus for projecting liquid jets. 2,390,280; Dec. 4.

Tiner, Walter J., and D. G. Phillips, Long Beach, Calif. Trailer connection. 2,381,190; Aug. 7.

Tinius Olsen Testing Machine Company: *See*—
Sivertsen, Jens, assignor.

Tinker, Walter H., Boston, Mass., assignor to Manning, Maxwell & Moore, Incorporated, New York, N. Y. Steam jet pump. 2,369,692; Feb. 20.

Tinkey, Cecil C.: *See*—
Neilson, W. E., Jr., and Tinkey.

Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastener. Re. 22,659; Aug. 7.

Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening means. Re. 22,673; Sept. 11.

Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,366,942; Jan. 9.

Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,369,380; Feb. 13.

Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,378,257; June 12.

Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,378,258; June 12.

Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,378,957; June 26.

Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,381,144; Aug. 7.

Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,382,520; Aug. 14.

Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,382,521; Aug. 14.

Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,382,678; Aug. 14.

Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,384,508; Sept. 11.

Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,386,824; Oct. 16.

Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,390,750; Dec. 11.

Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,390,751; Dec. 11.

Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,390,752; Dec. 11.

Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,391,046; Dec. 18.

Tinnerman Products, Inc.: *See*—
Hartman, Richard A., assignor.
Judd, Charles H., assignor.
Tinnerman, George A., assignor.

Tinsley, John S., assignor to Hercules Powder Company, Wilmington, Del. Molding composition. 2,368,788; Feb. 6.

Tinsley, John S., assignor to Hercules Powder Company, Wilmington, Del. Plastic composition. 2,375,708; May 8.

Tippie, George W.: *See*—
Miller, C., and Tippie, assignors.

Tip Top Toy Company: *See*—
Robins, Adolf, assignor.

Tirrell, Leslie L., Benton Harbor, Mich. High-pressure mixing nozzle. 2,369,326; Feb. 13.

Tiryakian, John H. H., Mount Vernon, N. Y. Folding book rest. 2,373,617; Apr. 10.

Tischler, Richard J.: *See*—
Ahlstrom, W. M., Tischler, and Parsons.

Tiscornia, James A., San Jose, Calif. Bib. 2,367,383; Jan. 16.

Tishler, Max: *See*—
Weijlard, J., Messerly, and Tishler.

Tishler, Max, assignor to Merck & Co., Inc., Rahway, N. J. Substituted benzoquinones and their production. 2,376,984; May 29.

Tishler, Max, assignor to Merck & Co., Inc., Rahway, N. J. Extraction of actinomycin A and manufacture of its diacetates. 2,378,449; June 19.

Tishler, Max, Rahway, N. J., and J. W. Wellman, Cleveland Heights, Ohio, assignors to Merck & Co. Inc., Rahway, N. J. Intermediates for the synthesis of riboflavin and producing such intermediates. 2,370,093; Feb. 20.

Tishler, Max, Rahway, and R. H. Beutel, Newark, assignors to Merck & Co., Inc., Rahway, N. J. Resolution of racemic alpha-hydroxy-β,β-dimethyl-gamma-butyrolactone. 2,383,524; Aug. 28.

Tishler, Max, Rahway, and R. H. Beutel, Newark, assignors to Merck & Co., Inc., Rahway, N. J. Brucine-lactone compound. 2,390,281; Dec. 4.

Tisza, Edmond T., and B. F. Duesel, Yonkers, and W Oroshnik, Brooklyn, assignors, by mesne assignments, to Nepara Chemical Co., Inc. Producing isocytosine. 2,376,637: May 22.

Titan Tool Company: *See*—
Walker, John V., assignor.

Titanium Alloy Manufacturing Company, The: *See*—
Wainer, Eugene, assignor.
Wainer, E., and Salomon, assignors.

Titcomb, Albert C., Boston, and M. D. Cronan, Belmont, assignors to New England Foundation Company, Inc., Boston, Mass. Sectional pile shell. 2,371,784; Mar. 20.

Titeflex, Inc.: *See*—
Ingals, David, assignor.
Peters, M. F., and Stone, assignors.

Titelox Manufacturing Company: *See*—
Lord, Francis Le B., assignor.

Titus, Charles H., Philadelphia, Pa., assignor to General Electric Company. Overload protective device. 2,379,323; June 26.

Tjaarda, John, Detroit, and K. Knibbe, Grosse Pointe Park, assignors to Briggs Manufacturing Company, Detroit, Mich. Coupling. 2,387,195; Oct. 16.

Tjorn, Curt: *See*—
Cook, A. A., Tjorn, and Zaparanick.

Tobey, Raymond E., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. 2,373,618; Apr. 10.

Tobey, Raymond E., Springfield, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Refrigeration apparatus. 2,386,919; Oct. 16.

Tobias, Herrmann B., Washington, D. C. Double swivel bracket for outboard motors. 2,390,135; Dec. 4.

Tobiasson, George T., assignor to Universal Oil Products Company, Chicago, Ill. Reactor. 2,388,451; Nov. 6.

Toco-Guilbert, Berne, San Francisco, Calif. Mining machine. 2,366,222; Jan. 2.

Toco-Guilbert, Berne, San Francisco, Calif. Ore concentrator. 2,366,223; Jan. 2.

Todd Company, Inc., The: *See*—
Smith, Burgess W., assignor.

Todd, Emerson D., Detroit, Mich. Screen. 2,372,915; Apr. 3.

Todd, Floyd, Drexel Hill, Pa. Apparatus for the fractional condensation of mixed vapors. 2,387,479; Oct. 23.

Todd, Garry W., Charlotte, N. C. Tractor plow hitch. 2,372,459; Mar. 27.

Todd Shipyards Corporation: *See*—
Haynes, Charles A., assignor.

Toelle, August, and C. R. Salet, Detroit, assignors to Ford Motor Company, Dearborn, Mich. Voltage regulator. 2,391,526; Dec. 25.

Toepper, George, and J. F. P. Farrar, assignors to Chicago Metal Hose Corporation, Maywood, Ill. Tubing construction. 2,385,389; Sept. 25.

Tollefsmire, Benjamin F., Bremerton, Wash. Fracture appliance. 2,372,666; Apr. 3.

Torsola, Tullio, Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Spark plug. 2,372,867; Apr. 3.

Torsola, Tullio, Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Coil. 2,380,203; July 10.

Toland, William C., trustee: *See*—
Bassist, Ellis, assignor.

Toland, William C., and E. Bassist, Brookline, Mass., assignors to W. C. Toland, trustee. Making printing plates. 2,373,357; Apr. 10.

Toledo Scale Company: *See*—
Hart, Norman E., assignor.
Hem, Halvor O., assignor.
Hem, Halvor W., assignor.
Leonard, Henry K., assignor.
Marshall, Charles O., assignor.
Marshall, C. O., and Williams, assignor.
Mefferd, Paul H., assignor.
Williams, Lawrence S., assignor.
Wood, George R., assignor.

Tollefson, Richard C., Stamford, Conn., assignor to Air Reduction Company, Incorporated, New York, N. Y. Revivification of spent phosphate catalysts. 2,369,693; Feb. 20.

Tollefson, Richard C., Stamford, Conn., assignor to Air Reduction Company, Incorporated, New York, N. Y. Production of butadiene. 2,373,153; Apr. 10.

Tolsik, John A., Berwyn, Ill. Aluminum alloys. 2,383,026; Aug. 21.

Tolley, Albert E.: *See*—
Burdett, A. W., Tannous, and Tolley.

Tolley, Donald B., and D. H. Hill, Macomb, Ill., assignors to Globe American Corporation, Kokomo, Ind. Fuel reservoir for oil burning heaters. 2,368,585; Jan. 30.

Tollison, Paul L.: *See*—
Corbin, W. S., Wesley, Chilson, Tollison, Caffrey, and Pilon.

Tolliver, Arthur S. A., Tuskegee, Ala. Embalming apparatus. 2,385,428; Sept. 25.

Tollman, Jerry J., Chicago, Ill. Hinge joint for artificial limbs. 2,382,679; Aug. 14.

Tolmie, Edger S., Fairfield, Conn., assignor to Remington Rand Inc., Buffalo, N. Y. Shaver motor. 2,368,951; Feb. 6.

Tolson, William A., Princeton, N. J., assignor to Radio Corporation of America. Remote control circuit. 2,371,415; Mar. 13.

Tomalis, Joseph J., deceased; L. D. Tomalis, administratrix, assignor to American Screw Company, Providence, R. I. Stake bolt. 2,377,114; May 29.

Tomalis, Joseph J., Providence, and H. G. Muenchinger, South Foster, assignors to American Screw Company, Providence, R. I. Locking screw and making. 2,371,365; Mar. 13.

Tomalis, Lillian D., administratrix: *See*—
Tomalis, Joseph J.

Tomes, Gilbert A. R.: *See*—
Graves, A., and Tomes.

Tomey, Earl H., Detroit, Mich. Trap. 2,380,127; July 10.

Tomkins-Johnson Company: *See*—
Ward, Loyd A., assignor.

Tomkinson, Henry L., Sayreville, N. J., assignor to Hercules Powder Company, Wilmington, Del. Chlorinating rubber. 2,382,353; Aug. 14.

Tomlinson, George H., Westmount, Quebec, Canada. Manufacture of sulphite pulp. 2,377,282; May 29.

Tomlinson, George H., Westmount, Quebec, Canada. Manufacture of sulphite pulp. 2,385,955; Oct. 2.

Tomlinson, John R.: *See*—
Bollo, F. G., and Tomlinson.

Tompkins, Edwin H., New York, N. Y. Power-operated tooth brush. 2,379,049; June 26.

Tompkins, Wallace W., Ridgely, Md. Internal-combustion engine. 2,373,924; Apr. 17.

Tompkins, Wilfred C., and A. Doe, assignors to Boulton Paul Aircraft Limited, Codsall, Wolverhampton, England. Friction clutch. 2,372,750; Apr. 3.

Tomsek, Frank J., Detroit, Mich. Closure plug wrench. 2,383,573; Aug. 28.

Tondreau, Albert W.: *See*—
Taylor, Dell G., assignor.

Tondreau, Albert W., Hollywood, Calif., assignor to Warner Bros. Pictures, Inc., New York, N. Y. Film registering mechanism. 2,366,578; Jan. 2.

Tondreau, Albert W., Hollywood, Calif., assignor to Warner Bros. Pictures, Inc., New York, N. Y. Camera for color photography. 2,372,406; Mar. 27.

Tone, Frank J., Niagara Falls, O. L. Mahlman, Kenmore, and F. Brown, assignors to The Carborundum Company, Niagara Falls, N. Y. Manufacture of adhesive tapes. 2,389,469; Nov. 20.

Tongberg, Carl O.: *See*—
Linn, N. F., and Tongberg.

Tontrup, Robert H., Baden Station, Mo. Inspection lamp. 2,377,056; May 29.

Tooke, James W., Bartlesville, Okla., assignor to Phillips Petroleum Company. Separation of hydrocarbons. 2,367,701; Jan. 23.

Tooke, James W., Bartlesville, Okla., assignor to Phillips Petroleum Company. Separation of hydrocarbons. 2,368,050; Jan. 23.

Toone, B., (Nottingham) Limited: *See*—
Cole, Bernard T., assignor.
Toone, Ralph N., assignor.
Toone, R. N., and Allen, assignors.

Toone, Ralph N., Wollaton Park, assignor to B. Toone (Nottingham) Limited, Nottingham, England. Knitting machine. 2,384,214; Sept. 4.

Toone, Ralph N., Wollaton Park, Nottingham, and T. L. Allen, Nuthall, assignors to B. Toone (Nottingham) Limited, Nottingham, England. Knitting and knitting machine. 2,377,729; June 5.

Tootal Broadhurst Lee Company Limited: *See*—
Hall, A. J., and Wood, assignors.

Toothaker, Fred E., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shank stiffener and making the same. 2,371,322; Mar. 13.

Topalov, Michael I., Detroit, 7, Mich. Stream motor. 2,379,324; June 26.

Topham, Laurence E., Wenham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Last lathe. 2,376,947; May 29.

Topjian, Daniel. Watertown, Mass. Inhibiting odors. 2,387,957; Oct. 30.

Topjian, Daniel, Watertown, Mass., assignor, by mesne assignments, to himself, as trustee. Garment protector. 2,390,565; Dec. 11.

Topp, William H.: *See*—
Martinelli, L. A., and Topp.

Topping, Tom P., Ragland, W. Va. Mine door. 2,376,638; May 22.

Torbett, Horace A., Knoxville, Tenn. Steam and water mixer. 2,372,533; Mar. 27.

Torigian, John, New York, N. Y. Liquid filling apparatus. 2,373,435; Apr. 10.

Torkelson, Torkel E., Baldwin, assignor to International Business Machines Corporation, New York, N. Y. Record controlled accounting machine. 2,375,332; May 8.

Torley, Robert E., Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Method of defoliating. 2,368,274; Jan. 30.

Torley, Robert E., Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Defoliation of plants. 2,368,275; Jan. 30.

Torley, Robert E., Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Plant defoliation. 2,368,276; Jan. 30.

Torley, Robert E., Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Defoliating growing plants. 2,368,601; Jan. 30.

Tornberg, Isidor, assignor to Wood Newspaper Machinery Corporation, Plainfield, N. J. Web accelerating mechanism. 2,385,659; Sept. 25.

Torneböhm, Hilding V.: *See*—
Bjorklund, G. A., and Törnebohm.

Toro Manufacturing Corporation of Minnesota: *See*—
Spelser, Ralph W., assignor.

Torok, Julius J., assignor to Corning Glass Works, Corning, N. Y. Electric insulator. 2,383,090; Aug. 21.

Torpie, John F., Floral Park, N. Y., assignor to American Telephone and Telegraph Company. Selective signaling system. 2,375,048; May 1.

Torrence, George W., and W. A. Calkins, Peoria, Ill. Card index. 2,384,355; Sept. 4.

Torresen, Carel T., Santa Monica, assignor to North American Aviation, Inc., Inglewood, Calif. Bearing. 2,373,860; Apr. 17.

Torrey, Joseph, assignor to Wingfoot Corporation, Akron, Ohio. Balancing apparatus. 2,375,171; May 1.

Torrington Company, The: *See*—
Lewis, Donald E., assignor.
Thomas, Stanley R., assignor.

Torrington Manufacturing Co.: *See*—
Williams, Edmond B., assignor.

Torrington Manufacturing Co., The: *See*—
Bergevin, Charles R., assignor.
Place, Charles I., assignor.
Troendly, H. P., and Bares, assignors.
Upson, Walter L., assignor.
Williams, Edmond B., assignor.

Torstenson, Henry A., et al.: *See*—
Krantz, Edward, assignor.

Tor-Vel Associates: *See*—
Watson, Sydney C., assignor.

Tosterud, Martin, New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Brightening surfaces of aluminum silicon alloys. 2,375,394; May 8.

Tóth, Sándor, Budafok, near Budapest, Hungary; vested in the Alien Property Custodian. Recording scale. 2,382,752; Aug. 14.

Totzek, Friedrich, Essen, Germany, assignor, by mesne assignments, to Koppers Company, Inc. Regenerative gas heater. 2,391,491; Dec. 25.

Touceda, Enrique G., Loudonville, and B. P. De Vries, Menands, N. Y., assignors to Allegheny Ludlum Steel Corporation. Chromium-free air-hardening alloy steels and articles of manufacture produced therefrom. 2,380,711; July 31.

Touceda, Enrique G., and B. P. De Vries, Albany, N. Y., assignors to Allegheny Ludlum Steel Corporation. Beryllium cobalt alloy steels and articles of manufacture produced therefrom. 2,382,680; Aug. 14.

Touhey, Leo F., Minneapolis, Minn. Wind driven electric generator. 2,373,207; Apr. 10.

Toulmin, Harry A., Jr.: *See*—
Bench, D. E., Crosby, and Toulmin.

Toulmin, Harry A., Jr., Oakwood, Ohio, assignor to H-P-M Development Corporation, Wilmington, Del. Powder metallurgy. 2,384,215; Sept. 4.

Toulon, Pierre M. G., Neuilly sur Seine, France; vested in the Alien Property Custodian. Orientation system. 2,369,622; Feb. 13.

Touloumis, Simon, assignor to Cluett, Peabody & Co., Inc., Troy, N. Y. Facing sleeves. 2,384,216; Sept. 4.

Tour, Sam: *See*—
Valyi, E. I., and Tour.

Tour, Sam, and A. E. Howe, New York, N. Y., assignors, by mesne assignments, to said Tour. Electrolytic barrel pickling and polishing. 2,390,282; Dec. 4.

Toussaint, Norbert F.: *See*—
Hennion, G. F., and Toussaint.

Toussaint, Walter J., South Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Pyrolysis of pyran derivatives. 2,387,366; Oct. 23.

Toussaint, Walter J., South Charleston, W. Va., and L. O. MacDowell, Jr., Lakeland, Fla., assignors to Carbide and Carbon Chemicals Corporation. Making halogenated ethers. 2,383,091; Aug. 21.

Touton, Rush D., Cynwyd, assignor to Wurton Machine Company, Philadelphia, Pa. Conditioning tobacco. 2,379,117; June 26.

Touton, Rush D., Cynwyd, assignor to Wurton Machine Company, Philadelphia, Pa. Apparatus for conditioning tobacco. 2,379,118; June 26.

Towler, Frank H.: *See*—
Towler, John M., and F. H.

Towler, John M., Summerbridge, near Harrogate, and F. H. Towler, Otley, England. Reciprocating ram pump. 2,370,760; Mar. 6.

Towler & Son Limited: *See*—
Porteous, William K., assignor.
Porteous, W. K., and Marchment, assignors.

Towne, Charles C.: *See*—
McCoy, F. C., and Towne.

Towne, Charles C., Beacon, assignor, by mesne assignments, to The Texas Company, New York, N. Y. Lubricating oil. 2,366,817; Jan. 9.

Towne, Edmund B.: *See*—
Dickey, J. B., Towne, and Strain.

Towne Robinson Nut Company: *See*—
De Loe, Paul, assignor.

Towner, George F., Joppa, assignor to The Glenn L. Martin Company, Baltimore, Md. Bomb control unit. 2,378,259; June 12.

Towner Manufacturing Co.: *See*—
Heckathorn, Loyd.

Townhill, Arthur, assignor to Thompson Products, Inc., Cleveland, Ohio. Band controlled piston. 2,373,518; Apr. 10.

Townhill, Arthur, Cleveland, Ohio, assignor to Thompson Products, Inc. Coupling seal construction. 2,373,925; Apr. 17.

Townhill, Arthur, Cleveland, Ohio, assignor to Thompson Products, Inc. Piston. 2,377,463; June 5.

Townsend, Albert J., Lima, Ohio. Locomotive suspension. 2,371,323; Mar. 13.

Townsend, Mark A., Cleveland Heights, Ohio, assignor to General Electric Company. Starting control for electric discharge devices. 2,372,149; Mar. 20.

Townsend, Norman F., Port Chester, and F. P. Tamburro, Ozone Park, assignors to Wilcox & Gibbs Sewing Machine Company, New York, N. Y. Sewing machine. 2,384,509; Sept. 11.

Townsend, Robert E., Jr.: *See*—
Choate, C. E., and Townsend.

Townsend, Robert J., Donelson, Tenn. Rivet bucker. 2,373,277; Apr. 10.

Townsend, Samuel P., Maplewood, N. J. Measuring scale. 2,375,150; May 1.

Townsend, Wilbur T., Washington, D. C. Bed for infants. 2,387,196; Oct. 16.

Townshend, Stanley C.: *See*—
Wallis, A. E., and Townshend.

Townsley, Fredie, Toronto, Ontario, Canada, assignor to Holgate Brothers Company, Kane, Pa. Figured wheeled toy. 2,389,568; Nov. 20.

Toy, Arthur D. F., Chicago, Ill., assignor to Victor Chemical Works. Glycol esters of phenylphosphonic acid. 2,382,622; Aug. 14.

Toy Kraft, Inc.: *See*—
Olson, Charles S., assignor.

Tozer, Clayton N., Julian, Calif. Incinerator combined hopper and door means. 2,371,785; Mar. 20.

Trackson Company: *See*—
Erdahl, Nicholas M., assignor.

Tracy, Atlee H., Sarasota, Fla. Suspension insulator. 2,387,480; Oct. 23.

Tracy, Edward N., et al.: *See*—
Anderson, William R., assignor.

Tracy, Harris A., Stoughton, Mass. Crutch. 2,388,374; Nov. 6.

Tracy, Parker C., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Molding machine. 2,391,527; Dec. 25.

Trafford, Charles F., Binghamton, N. Y. Firearm attachment. 2,391,659; Dec. 25.

Tratton, Warren L., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Fastener device for electrical conductors. 2,382,945; Aug. 14.

Trailer Company of America, The: *See*—
Black, James J., assignor.

Trainer, James E., Fairlawn, Ohio, assignor to The Babcock & Wilcox Company, Newark, N. J. Fluid cooled wall. 2,391,108; Dec. 18.

Trambile, Harry L., Aurora, Ill., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Variable load brake. 2,374,053; Apr. 17.

Tramm, Heinrich: *See*—
Martin, F., and Tramm.

Tramontini, Vernon N., assignor to Stewart-Warner Corporation, Chicago, Ill. Heater. 2,374,569; Apr. 24.

Tramontini, Vernon N., Chicago, Ill., assignor to United States Beet Sugar Association, Washington, D. C. Beet lifter. 2,385,895; Oct. 2.

Transcontinental & Western Air, Inc.: *See*—
Ayres, Ralph C., assignor.
Melton, Clarence C., assignor.

Transit Research Corporation: *See*—
Piron, Emil H., assignor.
Rossell, William T., assignor.

Transmission Specialties Company: *See*—
Gerst, Chris, assignor.

Transportation Specialties Co.: *See*—
Johnston, Charles S., assignor.

Traphagen, Harry R.: *See*—
Schill, B. J., and Traphagen.

Traphagen, Harry R., Rockford, Ill., assignor to J. I. Case Company, Racine, Wis. Power lift planter. 2,390,968; Dec. 11.

Traphagen, Harry R., Rockford, Ill., assignor to J. I. Case Company, Racine, Wis. Planter. 2,390,969; Dec. 11.

Trask, Harry, New York, N. Y. Gun sight. 2,373,984; Apr. 17.

Traum, Julius A., New York, N. Y. Wrist watch strap. 2,383,628; Aug. 28.

Traumüller, Herbert, Brooklyn, N. Y. Hinge. 2,389,010; Nov. 13.

Traupel, Walter, asignor to Sulzer Frères, Société Anonyme, Winterthur, Switzerland. Gas turbine plant. 2,374,510; Apr. 24.

Trautman, Charles E., East McKeesport, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Insulating oil compositions. 2,369,090; Feb. 6.

Trautman, Walter C., North Hollywood, Calif., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Accumulator. 2,378,517; June 19.

Trautman, Walter C., Burbank, Calif., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Landing gear. 2,384,054; Sept. 4.

Trautner, Nicholas W., St. Paul, Minn. Locking cap for fuel tanks and the like. 2,384,217; Sept. 4.

Trautner, Wagn, Hamilton, assignor to The K-D Lamp Company, Cincinnati, Ohio. Black-out light for vehicles. 2,370,823; Mar. 6.

Trautner, Wagn, Hamilton, assignor to The K-D Lamp Company, Cincinnati, Ohio. Flare or lantern. 2,370,824; Mar. 6.

Trautner, Wagn, Hamilton, assignor to The K-D Lamp Company, Cincinnati, Ohio. Marking and signaling means for blackout purposes and the like. 2,371,080; Mar. 6.

Trautvetter, George, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Vehicle body construction. 2,382,923; Aug. 14.

Trautvetter, George, Jenkintown, assignor to Heintz Manufacturing Company, Philadelphia, Pa. Window structure. 2,386,151; Oct. 2.

Traver, Oliver C., Drexel Hill, Pa., assignor to General Electric Company. Protective apparatus. 2,381,527; Aug. 7.

Traver, Oliver C., Drexel Hill, and G. W. McKenna, Philadelphia, Pa., assignors to General Electric Company. Protective system. 2,380,805; July 31.

Travers, Henry A., Forest Hills, and A. J. A. Peterson, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical protective system. 2,374,054; Apr. 17.

Travers, Samuel L., Bronx, N. Y. Wood joining fastener. 2,386,758; Oct. 16.

Travilla, James C., Jr.: *See*—
Harley, J. J., and Travilla.

Travilla, James C., Jr., Swarthmore, Pa., assignor to General Steel Castings Corporation, Granite City, Ill. Railway truck structure. 2,369,991; Feb. 20.

Travilla, James C., Jr., Swarthmore, and A. H. Pagenkemper, Glenolden, Pa., assignors to General Steel Castings Corporation, Granite City, Ill. Railway truck. 2,376,735; May 22.

Travis, Bernard V.: *See*—
Hall, S. A., Travis, and Jones.

Travis, Charles, deceased, Wyndmoor, Pa., by Y. Travis, Wyndmoor, administratrix, assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Frequency modulation receiver. 2,369,621; Feb. 13.

Travis, Yvonne, administratrix: *See*—
Travis, Charles.

Traxler, John G., and P. John, Jr., Baytown, Tex., assignors to Standard Oil Development Company. Lining for internally insulated fluid containers. 2,375,710; May 8.

Traylor Engineering & Manufacturing Co.: *See*—
Roberts, W. J., and Tralyor, assignors.

Traylor, Samuel W., Jr.: *See*—
Roberts, W. J., and Traylor.

Traylor Vibrator Company, The: *See*—
Lindsay, James R., assignor.

Traylor, Waldorf S., Newport, assignor to Hercules Powder Company, Wilmington, Del. Coated article and production thereof. 2,373,278; Apr. 10.

Traynham, George E., Wilkes-Barre, Pa. Safety razor. 2,389,470; Nov. 20.

Treacy, Cyril S., Cranford, assignor to Merck & Co., Inc., Rahway, N. J. Emulsions and processes for their production. 2,369,992; Feb. 20.

Treacy, Cyril S., Scarsdale, assignor to Mamaroneck Chemical Corporation, Westchester County, N. Y. Treating Waxes. 2,383,629; Aug. 28.

Treadway, Robert H., assignor to A. E. Staley Manufacturing Company, Decatur, Ill. Asphalt modified adhesive. 2,366,943; Jan. 9.

Treadwell Engineering Company: *See*—
Beatty, Floyd A., assignor.

Treanor, Edward D., Pittsfield, Mass., assignor to General Electric Company. Thermal responsive device for electrical coils. 2,374,055; Apr. 17.

Trebes, Bruno M. A.: *See*—
Frank, G. H., and Trebes.

Treciokas, Jacob P., Oakville, assignor to Scovill Manufacturing Company, New Haven, Conn. Fastener setting or attaching machine. 2,373,436; Apr. 10.

Tredeau, Earl W., West Allis, Wis. Switch actuator. 2,389,220; Nov. 20.

Treff, Alfred: *See*—
Pearson, P. E., and Treff.

Tregre, Louis S.: *See*—
Murphree, E. V., Voorhies, Bonnell, and Tregre.

Trejo, Maximilian, and H. Cascante, New York, N. Y. Typographical machine. 2,372,407; Mar. 27.

Tremolada, Guglielmo R., assignor to Emsco Derrick & Equipment Company, Los Angeles, Calif. Hydraulic brake with mechanical follow-up. 2,371,856; Mar. 20.

Trencham, Henry, Ruislip, England, assignor to General Electric Company. Gas blast electric circuit breaker. 2,382,274; Aug. 14.

Treneer, Joseph M.: *See*—
Compton, W. A., and Treneer, assignors.

Treneer, Joseph M., assignor to Miles Laboratories, Inc., Elkhart, Ind. Package and making same. 2,372,406; Mar. 27.

Trenner, Nelson R., and F. A. Bacher, Westfield, assignors to Merck & Co., Inc., Rahway, N. J. Sulphauro compounds and their production. 2,370,592; Feb. 27.

Trenner, Nelson R., Westfield, and F. A. Bacher, Garwood, assignors to Merck & Co., Inc., Rahway, N. J. Sulphauro compounds and their production. 2,370,593; Feb. 27.

Trent, Thomas: *See*—
Ostrander, Clarence L., assignor.

Trent, Walter R., North Arlington, assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Production of soap. 2,383,630; Aug. 28.

Trent, Walter R., North Arlington, assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Manufacturing soap. 2,383,631; Aug. 28.

Trent, Walter R., North Arlington, assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Treating fatty glycerides. 2,383,632; Aug. 28.

Trent, Walter R., North Arlington, assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Treating fatty glycerides. 2,383,633; Aug. 28.

Trepagnier, Joseph H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Aso dyestuffs. 2,373,926; Apr. 17.

Trepp, Samuel G., Swarthmore, Pa., assignor to The United Gas Improvement Company. Copolymerization of methyl cyclopentadiene and cyclopentadiene. 2,387,624; Oct. 23.

Treseder, Richard S.: *See*—
Wachter, A., and Treseder.

Treseder, Richard S., assignor to Shell Development Company, San Francisco, Calif. Catalytic conversions. 2,382,753; Aug. 14.

Tresise, David J., and A. F. Ratzer, Brentford, England, assignors, by mesne assignments, to Pyrene Development Corporation, Newark, N. J. Foam-generating substances. 2,368,623; Feb. 6.

Treuhaft, Milton A., Weehawken, N. J., assignor to John C. Batchelor. Apparatus for measuring rate of change. 2,369,499; Feb. 13.

Trevail, Charles, and K. P. Gladney, assignors to Hobbs Glass Limited, London, Ontario, Canada. Spray method of making mirrors. 2,367,903; Jan. 23.

Trevaskis, Henry, Solihull, assignor to Dunlop Rubber Company Limited, London County, England. Method and apparatus for controlling the operation of automatic mechanism such as automatic guns. 2,382,352; Aug. 14.

Trevino, Inocente, Los Angeles, Calif. Incinerator. 2,387,693; Oct. 23.

Trevisan, Italo R., Newark, N. J. Knotless package tie. 2,371,920; Mar. 20.

Trevisan, Italo R., Newark, N. J. Wheel assembly. 2,382,589; Aug. 14.

Trevor, Bertram, Riverhead, N. Y., assignor to Radio Corporation of America. Radio repeater. 2,369,268; Feb. 13.

Trevor, Bertram, Riverhead, N. Y., assignor to Radio Corporation of America. Angle modulated wave resonance indicator. 2,379,765; July 3.

Trevor, Bertram, Riverhead, N. Y., assignor to Radio Corporation of America. Phase modulation receiving system. 2,391,807; Dec. 25.

Trew, James W., Gettysburg, Pa. Producing composite panels. 2,372,617; Mar. 27.

Trexler, Richard R., Evanston, Ill. Liquid dispensing apparatus. 2,390,136; Dec. 4.

Tribble, William H., Brooklyn, assignor to Faximile, Inc., New York, N. Y. Duplicating recorder. 2,380,482; July 31.

Trich, Henry C., assignor to Hoof Products Company, Chicago, Ill. Pressure snubber. 2,372,406; Mar. 27.

Trich, Henry C., Santa Monica, Calif., assignor to Hoof Products Company, Chicago, Ill. Valve for hydraulic control systems. 2,381,528; Aug. 7.

Trick, Edgar H., San Antonio, Tex. Cooking grill 2,372,751; Apr. 3.

Tricker, Albert C.: *See*—
Bailey, R. E., and Tricker.

Trico Products Corporation: *See*—
Christel, Conrad, assignor.
Hess, Willis C., assignor.
Horton, Erwin C., assignor.
Mussen, Donald N., assignor.
Oishei, J. R., and Horton, assignors.
Rappl, Anton, assignor.
Rappl, A., and Horton, assignors.
Schaal, Earl V., assignor.
Scinta, Anthony C., assignor
Timm, Roy C., and Rothfuss, assignors.

Trier, Carl L., Baltimore, Md., and J. W. Fogg, Barrington, assignors to Cherry-Burrell Corporation, Chicago, Ill. Bottle washing machinery. 2,367,652; Jan. 16.

Trier, Vernon A., London, England. Liquid atomiser and diffuser. 2,382,681; Aug. 14.

Triller, Benjamin J., Dubuque, Iowa. Sliding door construction. 2,378,666; June 19.

Triman, Eugene L.: *See*—
Rockola, D. C., Dettle, and Triman.

Trimbach, Clem G.: *See*—
Berlin, D. R., and Trimbach.

Trimbach, Clem G., Eggertsville, and P. M. Birk, Kenmore, N. Y., assignors to Curtiss-Wright Corporation. Quick detachable gun mount. 2,378,260; June 12.

Trimbach, Clem G., Eggertsville, N. Y., assignor to Curtiss-Wright Corporation. Ammunition belt tension meter. 2,385,116; Sept. 18.

Trimble, James R., assignor to Stars On Stripes Games Co., Inc., Pittsburgh, Pa. Game board. 2,371,575; Mar. 13.

Trimble Nurseryland Furniture, Inc.: *See*—
Baxter, William C., assignor.

Trimble, Robert: *See*—
Archibald, R. C., and Trimble.

Trimmings, Inc.: *See*—
Roman, John, assignor.

Trimz Company, Inc.: *See*—
Yates, W. H., and Staunton, assignors.

Trinajstich, Florian E., Los Angeles, Calif. Holder for electric welding rods. 2,371,003; Mar. 6.

Trinajstrich, Florian, et al.: *See*—
Phillips, Ellsworth B., assignor.

Trinajstrich, Ludwig, et al.: *See*—
Phillips, Ellsworth B., assignor.

Trindl, John C., Chicago, Ill. Mop structure. 2,380,128; July 10.

Trindl, John C., Chicago, Ill. Swab construction. 2,388,096; Oct. 30.

Trindl, John C., Chicago, Ill. Drainer construction. 2,390,753; Dec. 11.

Triplett, Hugh A., Wilmette, assignor to Schweitzer & Conrad, Inc., Chicago, Ill. Fuse construction. 2,379,199; June 26.

Triplett, Hugh A., Wilmette, assignor to Schweitzer & Conrad, Inc., Chicago, Ill. Circuit interrupting apparatus. 2,379,200; June 26.

Triplett, Ray L., Bluffton, Ohio. Shock mounting instrument. 2,367,449; Jan. 16.

Tripp, Chester D., Chicago, Ill. Lock nut. 2,385,390; Sept. 25.

Trippensee, Arthur F., Riverside, Ill. Acoustical tile. 2,370,379; Feb. 27.

Trippensee, Christ W., Jefferson City, Mo. Telescopic tripod leg. 2,384,710; Sept. 11.

Trippensee, William F., Detroit, Mich. Embalming apparatus. 2,369,694; Feb. 20.

Trist, Arthur R., London, England. Machine for the coating of webs of paper and like absorbent material. 2,368,176; Jan. 30.

Trist, Arthur R., London, W. 1, England. Emulsion coating compositions. 2,389,011; Nov. 13.

Trist, Arthur R., London, W. 1, England. Colloidal dispersion of materials. 2,389,012; Nov. 13.

Trist, Ronald, & Co. Limited: *See*—
Chambers, William A., assignor.

Tritt, Forest G., Sherman, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Making corrugated tubing. 2,384,055; Sept. 4.

Tritt, Forest G., Sherman, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Mandrel. 2,384,056; Sept. 4.

Tritt, Norman H., Akron, Ohio. Landing gear for aircraft. 2,385,742; Sept. 25.

Trittin, Jean C., and J. Orlando, Salt Lake City, Utah. Arrowhead. 2,370,270; Feb. 27.

Triumph Explosives, Inc.: *See*—
Johnson, John F., Jr., assignor.

Trockle, Frank E., E. D. McClellan, and W. D. Simpson, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Molding apparatus. 2,386,641; Oct. 9.

Troedson, Waldemar H., Chicago, Ill., assignor to Crane Co., Chicago, Ill. Gauge. 2,387,218; Oct. 16.

Troendle, William C., assignor to Thayer Company, Gardner, Mass. Hood for infants' carriages. 2,367,541; Jan. 16.

Troendle, William C., assignor to Thayer Company, Gardner, Mass. Safety stand. 2,378,339; June 12.

Troendle, William C., assignor to Thayer Company, Gardner, Mass. Infant's carriage. 2,384,711; Sept. 11.

Troendly, Harry P., Chicago, Ill., and F. Bares, Waterbury, assignors to The Torrington Manufacturing Co., Torrington, Conn. Face grinding. 2,375,333; May 8.

Trofimov, Lev A., Willoughby, Ohio. Power transmission unit with load speed and direction control. 2,384,776; Sept. 11.

Troglione, Vincent R.: *See*—
Loftus, F. H., and Troglione.

Troiel, Arthur E., Berkeley, Calif. Form for casting blocks. 2,368,502; Jan. 30.

Troiel, Arthur E., Berkeley, Calif. Core for tubular castings. 2,387,815; Oct. 30.

Trojan Powder Company: *See*—
Grim, Forrest D., assignor.
Snelling, Walter O., assignor
Wyler, Joseph A., assignor.

Trollen, Martin E., assignor to Brown & Bigelow, St. Paul, Minn. Thimble printing machine. 2,369,871; Feb. 20.

Troller, Theodor H.: *See*—
Adams, T. O., Jr., and Troller.

Troller, Theodor H., New Philadelphia, Ohio, assignor to La-Del Conveyor & Manufacturing Company. Propeller construction. 2,378,958; June 26.

Trombia, Joseph E., Amesbury, Mass. Splint. 2,370,892; Mar. 6.

Trone, Elmer: *See*—
Manning, P. D. V., and Trone.

Tropical Plantations Limited: *See*—
Hitchcock, Stanley I., assignor.

Troshkin, Alexander N.: *See*—
Pape, K., and Troshkin.

Trosky, Louis C., Chicago, Ill. Carbon and soot eliminator for oil burners. 2,375,598; May 8.

Trost, Henry W., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Ventilator. 2,378,518; June 19.

Trostle, John E.: *See*—
Rechtin, C. R., and Trostle.

Trostler, Fredrick, Virginia Water, England, W. R. Skelton, Brynford, and L. O. H. Holywell, North Wales. Washing of granular materials. 2,380,881; July 31.

Trott, Eleanor J., executrix: *See*—
Trott, Rolland S.

Trott, Rolland S., Denver, Colorado; E. J. Trott, executrix of said R. S. Trott, deceased. Engine mounting. 2,378,874; June 19.

Trott, Rolland S., deceased, Denver, Colo.; E. J. Trott, executrix. Airplane engine mounting. 2,380,274; July 10.

Trott, Winfield J., assignor to General Motors Corporation, Detroit, Mich. Audible stall indicator. 2,386,992; Oct. 16.

Trotter, John C., Williamsville, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Machine gun ammunition magazine and mount. 2,366,689; Jan. 2.

Trotter, John C., Williamsville, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Gun battery. 2,371,324; Mar. 13.

Trotter, John C., Williamsville, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Machine gun feed control. 2,376,736; May 22.

Trotter, John C., Williamsville, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Mounting device for fixed machine guns. 2,376,835; May 22.

Trotter, John C., Williamsville, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Ordnance. 2,382,522; Aug. 14.

Trotter, John C., Williamsville, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Ordnance. 2,388,509; Nov. 6.

Trotter, John C., Williamsville, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Aircraft combat station. 2,390,013; Nov. 27.

Trotter, John C., Williamsville, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Ordnance. 2,390,401; Dec. 4.

Trotter, John C., Williamsville, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Machine gun feed mechanism. 2,390,477; Dec. 4.

Trotter, John C., Williamsville, and J. L. Jewett, assignors to Bell Aircraft Corporation, Buffalo, N. Y. Gun feed accessory device. 2,377,828; June 5.

Trotter, John C., Williamsville, and J. L. Jewett, assignors to Bell Aircraft Corporation, Buffalo, N. Y. Aerial cannon ammunition feed assist accessory mechanism. 2,383,830; Aug. 28.

Troxel, Robert: *See*—
Coleman, Philip G., assignor.

Troxell, Edward L., West Hartford, Conn. Convertible chair. 2,375,151; May 1.

Troxler, Bernhart, Kenvil, N. J., assignor to Hercules Powder Company, Wilmington, Del. Manufacture of propellant powder. 2,370,209; Feb. 27.

Troxler, Bernhart, Kenvil, N. J., assignor to Hercules Powder Company, Wilmington, Del. Apparatus for the manufacture of smokeless powder. 2,370,271; Feb. 27.

Troxler, Bernhart, Kenvil, N. J., assignor to Hercules Powder Company, Wilmington, Del., Manufacture of smokeless powder. 2,370,272; Feb. 27.

Troy Blanket Mills: *See*—
Ripley, George K., assignor.

Troy, Walter C., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Nitriding hardening treatment. 2,367,978; Jan. 23.

Tru-Ade, Inc.: *See*—
Ellison, Samuel H., assignor.

Truax, Dave E.: *See*—
Griffin, I. L., Truax, and Nuttall.

Truba, Dean O., South Gate, and E. T. Liller, Los Angeles, Calif. Taper cutting adjustment for lathes. 2,372,916; Apr. 3.

Truba, Dean O., South Gate, and E. T. Liller, Los Angeles, Calif. Taper cutting attachment for lathes. 2,390,627; Dec. 11.

Trubitz, Phil, Chicago, Ill. Universal chair and cushion cover. 2,367,450; Jan. 16.

Truby, William I., Cleveland Heights, Ohio. Locking wrench. 2,385,660; Sept. 25.

Trucksess, David E.: *See*—
Potter, J. A., and Trucksess.

Trucksess, David E., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Voltage regulation. 2,373,208; Apr. 10.

Truesdale, Edward C., Palmerton, Pa., assignor to The New Jersey Zinc Company, New York, N. Y. Pneumatic sizing. 2,389,701; Nov. 27.

Truitt, Joseph A., West Chester, Pa., assignor to American Viscose Corporation, Wilmington, Del. Textile material. 2,370,112; Feb. 20.

Trumbull, Fred W., Los Altos, Calif. Trousers marking device. 2,381,191; Aug. 7.

Truscon Laboratories, Inc.: *See*—
Madison, Ralph E., assignor.

Trust, M. L., R. R. Pendleton, trustee: *See*—
Greenleaf, R. M., and Hunt, assignors.

Trusty, Harry P., Los Angeles, Calif. Automatic parachute delivery mechanism for aircraft. 2,390,230; Dec. 4.

Tryfus, Frederic, Forest Hills, and A. Mendel, New York, N. Y. Carrier means for artificial teeth. 2,383,027; Aug. 21.

Tryon, Philip F., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Production of hydroxylammonium salts. 2,368,072; Jan. 23.

Tryon, Philip F., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Preparing hydroxy amides. 2,368,073; Jan. 23.

Tryon, Philip F., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Preparing 2-oxazolines. 2,372,409; Mar. 27.

Tryon, Philip F., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Production of 2-oxazolines. 2,372,410; Mar. 27.

Tryon, Philip F., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Production of hydroxylammonium chloride. 2,377,193; May 29.

Tryon, Philip F., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Manufacture of hydroxylamine hydrochloride and carboxylic acids. 2,381,410; Aug. 7.

Tschesche, Rudolph, Berlin-Wilmersdorf, Germany, assignor to Schering Corporation, Bloomfield, N. J. Sulphones of the aromatic series and making the same. 2,382,924; Aug. 14.

Tschopp, Jacob T.: *See*—
Bachman, C. H., and Tschopp.

Tschudin, Walter F., assignor to firm of Sandoz A. G., Basel, Switzerland. Improvement of the properties of artificial masses and fibers. 2,368,690; Feb. 6.

Tschumi, Otto, assignor to Autophon Aktiengesellschaft, Soleure, Switzerland. Subscriber's calling device in electroacoustic transmission apparatus. 2,383,355; Aug. 21.

Tubbs, Lester G.: *See*—
Lessmann, G. P., and Tubbs.

Tube Turns: *See*—
Shelly, Franklin E., assignor.

Tubing Seal-Cap, Inc.: *See*—
Livermont, Frank W., assignor.

Tucker, C. M., et al.: *See*—
Compton, Henry P., assignor.

Tucker, Elton B.: *See*—
Grubb, H. M., and Tucker.

Tucker, Emmitt M., Jr.: *See*—
Tucker, E. M., E. M., Jr., and J. M.

Tucker, Emmitt M., E. M., Jr., and J. M., Burbank, Calif. Power snow sled. 2,378,111; June 12.

Tucker, Emmitt M. and E. M., Jr., Grass Valley, and J. M. Tucker, Long Beach, assignors of one-tenth to J. J. Looser, Grass Valley, Calif. Hollow tap. 2,388,022; Oct. 30.

Tucker, Frank P., Little Silver, N. J. Batten. 2,371,921; Mar. 20.

Tucker, Frank P., Little Silver, N. J. Partition base. 2,390,857; Dec. 11.

Tucker, Frederick C.: *See*—
Ridgway, E. O., Tucker, and Kintner.

Tucker, Harold: *See*—
Alexander, C. H., and Tucker.

Tucker, Harold, Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Copolymers of vinylidene chloride and conjugated diene hydrocarbons. 2,376,208; May 15.

Tucker, Harold H.: *See*—
Hodshon, A. E., and Tucker.

Tucker, Jesse D., assignor of ten per cent to B. W. Fuller, Lodi, Calif. Internal-combustion engine. 2,379,119; June 26.

Tucker, John T., New York, N. Y. Propulsion apparatus. 2,381,235; Aug. 7.

Tucker, Joseph M.: *See*—
Tucker, E. M., E. M., Jr., and J. M.

Tucker, Morris, Brooklyn, N. Y. Furniture. 2,377,464; June 5.

Tucker, Nathaniel B., Glendale, assignor to The Procter & Gamble Company, Cincinnati, Ohio. Detergent composition. 2,383,525; Aug. 28.

Tucker, Nathaniel B., Louisville, Ky., assignor to The Procter & Gamble Company, Cincinnati, Ohio. Detergent composition. 2,383,526; Aug. 28.

Tucker, Nathaniel B., Louisville, Ky., assignor to The Procter & Gamble Company, Cincinnati, Ohio. Detergent composition. 2,383,739; Aug. 28.

Tucker, Nathaniel B., Louisville, Ky., assignor to The Procter & Gamble Company, Cincinnati, Ohio. Detergent composition. 2,383,740; Aug. 28.

Tucker, Warren R., Dayton, Ohio, assignor to The Hydraulic Development Corp. Inc., Wilmington, Del. Balanced vane pump. 2,368,789; Feb. 6.

Tucker, Warren R., Dayton, Ohio, assignor to The Hydraulic Development Corp., Inc., Wilmington, Del. Twin-cylinder constant speed hydraulic system. 2,374,630; Apr. 24.

Tucker, Warren R., Dayton, Ohio, assignor to The Hydraulic Development Corp. Inc., Wilmington, Del. Injection press. 2,380,882; July 31.

Tucker, Warren R., Oakwood, Ohio, assignor to The Hydraulic Development Corporation, Inc., Wilmington, Del. Hydraulic transmission. 2,384,218; Sept. 4.

Tucker, Warren R., and G. A. Waldie, Dayton, Ohio, assignors to The Hydraulic Development Corp. Inc., Wilmington, Del. Vane pump. 2,371,081; Mar. 6.

Tuckerman, Louis B.: *See*—
McGoldrick, R. T., and Tuckerman.

Tuerca Victoria, S. A.: *See*—
Clumer, Gustave V., assignor.

Tuerck, Karl H. W.: *See*—
Staudinger, H. P., and Tuerck.
Staudinger, H. P., Tuerck, and Brittain.

Tuerck, Karl H. W., Banstead, England, assignor to The Distillers Company Limited, Edinburgh, Scotland. Manufacture of acyl peroxides. 2,379,390; June 26.

Tuerck, Karl H. W., Banstead, and H. J. Lichtenstein, London, England, assignors to The Distillers Company Limited, Edinburgh, Scotland. Purification of acetaldol by distillation. 2,368,904; Feb. 6.

Tuff-Hard Corporation: *See*—
Endress, Frederick A., assignor.

Tufts, Nathan, assignor to The New England Box Company, Greenfield, Mass. Toboggan. 2,367,157; Jan. 9.

Tulin Corporation: *See*—
Bennett, John M., assignor.

Tullock, Donald, Jr., Holly Oak, Del. Weather covering material. 2,367,318; Jan. 16.

Tully, James K., Evanston, L. Andersen, Chicago, and B. E. Jones, Flossmoor, assignors to The Pullman Company, Chicago, Ill. Berth. 2,371,482; Mar. 13.

Tully, James K., Evanston, L. Andersen, Chicago, and B. E. Jones, Flossmoor, assignors to The Pullman Company, Chicago, Ill. Railway car ladder. 2,382,370; Aug. 14.

Tully, Paul B.: *See*—
Hopkinson, O. W., Jr., and Tully.

Tumath, Baumgartner and Block: *See*—
Baumgartner, Menno G., assignor.

Tung-Sol Lamp Works, Inc.: *See*—
Atkins, Carl E., assignor.
Bareiss, Max, assignor.
Cunniff, Thomas W., assignor.
Feindel, Abbott, assignors.

Tungsten Carbide Tool Company: *See*—
Seiter, Donaldson, assignor.

Tunick, Harry, Rye, N. Y., assignor to Radio Corporation of America. Reception of timing modulated waves. 2,371,416; Mar. 13.

Tunick, Harry, Rye, N. Y., assignor to Radio Corporation of America. Frequency modulation. 2,379,325; June 26.

Tunick, Harry, Rye, N. Y., assignor to Radio Corporation of America. Frequency modulation. 2,379,614; July 3.

Tunick, Harry, Rye, N. Y., assignor to Radio Corporation of America. Frequency modulation. 2,389,879; Nov. 27.

Tunley, Allan A., Peterborough, assignor to Baker Perkins Limited, Peterborough, Northampton, England. Enrober of chocolate coating machine. 2,380,806; July 31.

Tunnicliffe, Edward A. J., Thorpe Bay, England. Distance measuring device. 2,376,836; May 22.

Turchan, Manuel, Dearborn, and C. Walker, Detroit, Mich. Directional control and reverse valve. 2,374,714; May 1.

Turchan, Manuel, Dearborn, and C. Walker, Detroit, Mich. Hydraulic duplicating lathe attachment. 2,375,831; May 15.

Turchan, Manuel, Dearborn, and C. Walker, Detroit, Mich. Hydraulic duplicating shaper attachment. 2,376,405; May 22.

Turchan, Manuel, Dearborn, and C. Walker, Detroit, Mich. Tracer mechanism. 2,386,625; Oct. 16.

Turchan, Manuel, Dearborn, and C. Walker, Detroit, Mich. Hydraulic duplicating mechanism and directional control. 2,389,653; Nov. 27.

Turchan, Manuel, and C. Walker, Dearborn, Mich. Profiling and contouring tracer mechanism, hydraulic connections and directional control. 2,390,566; Dec. 11.

Turchan, Manuel, Dearborn, and C. Walker, Detroit, Mich. Hydraulic duplicating mechanism and exhaust governor. 2,391,402; Dec. 25.

Turchin, Isador, Brooklyn, N. Y. Reversible bonnet. 2,367,074; Jan. 9.

Turck, Joseph A. Valentine, Jr., New York, N. Y., assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Producing metal compositions of low apparent density. 2,375,506; May 8.

Turck, Joseph A. V., Wilmette, assignor to Felt and Tarrant Manufacturing Company, Chicago, Ill. Carry foil mechanism. 2,381,788; Aug. 7.

Turck, Joseph A. V., Jr., and J. Ross, New York, N. Y., assignors to Colgate-Palmolive-Peet Company, Jersey City, N. J. Selectively hydrogenated tall oil and making same. 2,389,284; Nov. 20.

Turco Products, Inc.: *See*—
Hunter, D. P., and Stine, assignors.
Stine, Carl A., assignor.

Turechek, George F., assignor to Lane-Wells Company, Los Angeles, Calif. Gun perforator. 2,380,204; July 10.

Turechek, George F., assignor to Lane-Wells Company, Los Angeles, Calif. Bridging plug. 2,382,455; Aug. 14.

Turek, Thomas J., assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Fluid pressure control mechanism. 2,380,558; July 31.

Turenchalk, Harry: *See*—
Turenchalk, John and H.

Turenchalk, John and H., Yonkers, N. Y. Dental floss holder. 2,384,712; Sept. 11.

Turer, Jack: *See*—
Riemenschneider, R. W., and Turer.

Turin, John J., Ottawa Hills, assignor to Surface Combustion Corporation, Toledo, Ohio. Dew point indicator. 2,376,209; May 15.

Turk, Richard H., Baltimore, Md., assignor to Pemco Corporation. Wall structure having anchored architectural facing. 2,370,594; Feb. 27.

Turkington, Victor H., Caldwell, and L. R. Whiting, Woodbridge, N. J., assignors to Bakelite Corporation, New York, N. Y. Polymerization of styrene and its derivatives. 2,367,610; Jan. 23.

Turkington, Victor H., Mountain Lakes, and W. H. Butler, Bloomfield, N. J., assignors to Bakelite Corporation, New York, N. Y. Oil-soluble resins. 2,375,964; May 15.

Turnbaugh, Elbert L., San Francisco, assignor to Percentograph Inc., Carmel, Calif. Date finder unit. 2,382,754; Aug. 14.

Turnbull, Norman K., Pitman, N. J. Tracer bullet. 2,381,474; Aug. 7.

Turnbull, Stockton G., Jr.: *See*—
Rosenberg, H. R., and Turnbull.

Turnbull, Stockton G., Jr., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Hormone derivatives. 2,385,852; Oct. 2.

Turnbull, Stockton G., Jr., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing hormones. 2,385,853; Oct. 2.

Turnbull, William J., Towson, assignor to The Glenn L. Martin Company, Middle River, Md. Seaplane docking. 2,381,789; Aug. 7.

Turner, Albert P., Herkimer, assignor to Remington Rand Inc., Buffalo, N. Y. Tabulator. 2,387,863; Oct. 30.

Turner, Arthur F., Brighton, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Producing abrasives. 2,371,786; Mar. 20.

Turner, Arthur F., Brighton, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Method and apparatus for forming films. 2,373,639; Apr. 10.

Turner, Arthur F., Brighton, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Optical element. 2,384,578; Sept. 11.

Turner, Basil S., M. B. Arisman, and J. G. Veatch, assignors to Chicago Telephone Supply Company, Elkhart, Ind. Variable resistance device. 2,389,750; Nov. 27.

Turner, Benjamin H., and G. B. S. Falkiner, Broadway, Sydney, assignors to The Turner Parachute Pty. Limited, Sydney, New South Wales, Australia. Quick release box for parachute harness. 2,391,204; Dec. 18.

Turner Brass Works: *See*—
Slesak, John, assignor.

Turner Brothers Asbestos Company Limited: *See*—
Dawson, E. L., and Taylor, assignors.

Turner, Cameron, Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Holder for sheet material. 2,366,296; Jan. 2.

Turner, Cameron, Beverly, Mass. Making candles. 2,379,391; June 26.

Turner, Charles H., Worcester, Mass., assignor to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Propeller shaft brake. 2,375,152; May 1.

Turner, Charles W., and E. P. Reineke, Columbia, assignors to American Dairies, Inc., Kansas City, Mo., and The Quaker Oats Company, Chicago, Ill. Thyroprotein composition and making the same. 2,379,642; July 3.

Turner, Charles W., and Esra P. Reineke, Columbia, assignors to American Dairies Incorporated, Kansas City, Mo., and The Quaker Oats Company, Chicago, Ill. Increasing the egg production of fowls. 2,385,117; Sept. 18.

Turner, Delber W., Houston, Tex., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Liquid-flow indicating and metering system. 2,370,210; Feb. 27.

Turner, Duncan S. C., Staten Island, N. Y. Valve refacing machine. 2,376,737; May 22.

Turner, Eugene P., Sacramento, Calif. Sheep shears. 2,375,262; May 8.

Turner, George F.: *See*—
Harper, P. S., and Turner.

Turner, Harold D.: *See*—
Stamm, A. J., and Turner.

Turner, Howard H., Lawndale, Calif. Door construction. 2,379,120; June 26.

Turner, Howard H., assignor of thirty-five per cent to J. A. Turner, Lawndale, Calif. Door construction. 2,386,016; Oct. 2.

Turner, James O.: *See*—
Hudson, T. B., and Turner.

Turner, James, assignor of one-half to Limoges China Company, and one-half to F. M. Kinnard, Sebring, Ohio. Clay working machine. 2,366,297; Jan. 2.

Turner, John R., Milford, assignor to Remington Arms Company, Inc., Bridgeport, Conn. Work feeding device. 2,369,269; Feb. 13.

Turner, John R., J. H. McLeod, and G. H. Bullock, assignors to Eastman Kodak Company, Rochester, N. Y. Method and apparatus for polishing glass and like substances. 2,380,275; July 10.

Turner, Joseph A.: *See*—
Turner, Howard H., assignor.

Turner Manufacturing Company, Limited: *See*—
Groves, Walter R., assignor.
Mooney, Burley and J. G., assignors.

Turner & Newall Limited: *See*—
Cann, John A., assignor.

Turner Parachute Pty. Limited, The: *See*—
Turner, B. H., and Falkiner, assignors.

Turner, Prescott K., Fairfield, Conn., assignor to General Electric Company. Fluid heater. 2,369,993; Feb. 20.

Turner, Price G., Yorkville, N. Y. Wheel lock. 2,377,465; June 5.

Turner, Raymond C., Columbus, Ohio. Centering attachment. 2,373,927; Apr. 17.

Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Bobbin chute for weft replenishing looms. 2,376,738; May 22.

Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Buffer for loom bobbin receivers. 2,380,807; July 31.

Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Bobbin magazine for weft replenishing looms. 2,381,790; Aug. 7.

Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Electrical weft detector for looms. 2,384,979; Sept. 18.

Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. End plate for multistack bobbin magazines. 2,387,197; Oct. 16.

Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Thread cutter for looms. 2,389,471; Nov. 20.

Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Pneumatic thread control system for looms. 2,390,014; Nov. 27.

Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Electric weft detector for looms. 2,391,365; Dec. 18.

Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Convertible weft replenishing loom. 2,391,602; Dec. 25.

Turner, Robert S., Oklahoma City, Okla. Seat securing means. 2,372,802; Apr. 3.

Turner, Robert S., Oklahoma City, Okla. Anchoring means for vehicle seats. 2,372,803; Apr. 3.

Turner, Russell J., Butler, Pa. Rubber protector. 2,388,097; Oct. 30.

Turner, Thomas G., assignor to The Monarch Marking System Company, Dayton, Ohio. Counting and controlling mechanism. 2,372,460; Mar. 27.

Turner Type Founders Company, The: *See*—
Adrian, Joseph, assignor.

Turner, Wellmore B., executor, et al.: *See*—
Sherman, John G.

Turner, Wellmore B., et al., executors: *See*—
Metzner, Albert W., assignor.

Turner, William T.: *See*—
Michaud, John C., assignor.

Turney, Eugene T., Holmes, N. Y. Light meter. 2,371,559; Mar. 13.

Turney, Eugene T., Holmes, N. Y. Knurling tool. 2,378,261; June 12.

Turpan, James, Paterson, N. J. Rodent trap. 2,373,068; Apr. 3.

Turpin, Alexander J.: *See*—
Schumann, A. F., and Turpin.

Turpin, Alexander J., Stewart Manor, assignor to Hauck Manufacturing Company, Brooklyn, N. Y. Removable tank heater. 2,368,177; Jan. 30.

Turpin, Alexander J., Stewart Manor, assignor to Hauck Manufacturing Company, Brooklyn, N. Y. Combination burner for liquid and gaseous fuels. 2,368,178; Jan. 30.

Turpin, Alexander J., Stewart Manor, assignor to Hauck Manufacturing Company, Brooklyn, N. Y. Reigniting liquid-fuel burner. 2,368,179; Jan. 30.

Turpin, Harold J.: *See*—
Shepherd, R. V., and Turpin.

Turrettini, Fernand, Bellevue-Geneva, Switzerland. Episcopic illuminating device. 2,373,928; Apr. 17.

Turrettini, Fernand, Bellevue-Geneva, Switzerland. Projection apparatus. 2,373,929; Apr. 17.

Turrettini, Fernand, Bellevue-Geneva, Switzerland. Optical control apparatus. 2,373,930; Apr. 17.

Turrettini, Fernand, Bellevue-Geneva, assignor to Societe Genevoise d'Instruments de Physique, Geneva, Switzerland. Optical measuring means applied in machines and instruments. 2,368,434; Jan. 30.

Turrettini, Fernand, Bellevue, assignor to the firm Societe Genevoise d'Instruments de Physique, Geneva, Switzerland. Machine tool. 2,376,100; May 15.

Turrettini, Fernand, assignor to Societe Genevoise d'Instruments de Physique, Geneva, Switzerland. Thread grinding machine. 2,380,883; July 31.

Turtle, Alfred C., Montreal, Quebec, Canada. Portable power-driven conveyer. 2,375,965; May 15.

Tuten, James M., Greenville, S. C., assignor to Draper Corporation, Hopedale, Mass. Filling feeler. 2,379,403; June 26.

Tuthill, Howard B., and H. F. Caldwell, assignors to Oliver Machinery Company, Grand Rapids, Mich. Package wrapping. 2,371,858; Mar. 20.

Tuthill, Howard B., and H. F. Caldwell, assignors to Oliver Machinery Company, Grand Rapids, Mich. Adjustable labeling device. 2,378,112; June 12.

Tuthill Pump Company: *See*—
Martinsson, Gunnar R.

Tuttle & Kift, Inc.: *See*—
Tuttle, William R., assignor.

Tuttle, Wainwright, Madison, N. J. Apparatus for producing corrugated tubing. 2,372,917; Apr. 3.

Tuttle, William N., Concord, assignor to General Radio Company, Cambridge, Conn. Pulse-integrating circuit. 2,374,248; Apr. 24.

Tuttle, William R., Riverside, assignor to Tuttle & Kift, Inc., Chicago, Ill. Electric heating unit. 2,368,051; Jan. 23.

Tuttle, William R., and W. J. Beldue, assignors to The Kurlash Company, Inc., Rochester, N. Y. Eyelash curler. 2,391,047; Dec. 18.

Tuurl, James R.: *See*—
Philips, G. B., and Tuurl.

Tuwiner, Sidney B., Flushing, N. Y., and D. A. Dodge, Baltimore, Md., assignors to Phelps Dodge Corporation, New York, N. Y. Copper pigment. 2,371,483; Mar. 13.

Twardowski, John J., Philadelphia, Pa. Expanding tool. 2,383,028; Aug. 21.

Tweedale, Ralph L., assignor to Vickers Incorporated, Detroit, Mich. Power transmission. 2,366,161; Jan. 2.

Tweedale, John, Torrance, Calif. Oil smoke generator. 2,379,766; July 3.

Tweeddale, John, Torrance, Calif., assignor to The Secretary of War of the United States of America, as trustee. Cowl for oil burning smoke screen devices. 2,381,374; Aug. 7.

Twell, Jacob M., Holcombe, Wis. Casting device. 2,381,089; Aug. 7.

Twell, Olav M., Mountain Lakes, N. J., assignor to Semet-Solvay Engineering Corporation, New York, N. Y. Washbox. 2,373,519; Apr. 10.

Twemlow, Edwin: *See*—
Edge, S. H., and Twemlow.

Twentieth Century-Fox Film Corporation: *See*—
Chatelain, Arthur B., assignor.
Clark, Daniel B., assignor.
Faulkner, Carlton W., assignor.
Hess, Louis F., assignor.
Laube, Grover, assignor.
Weideman, Harvey E., assignor.
Wright, Arthur G., assignor.

Twidwell, James E., La Grande, Oreg. Haystacker and automatic release. 2,387,198; Oct. 16.

Twin Disc Clutch Company: *See*—
Black, J. B., and Shurts, assignors.

Twiss, Douglas F.: *See*—
Bianco, J. R., Neale, and Twiss.

Twyman, Harold F., Dayton, Ohio, assignor to Chandler-Evans Corporation, South Meriden, Conn. Carburetor. 2,391,755; Dec. 25.

Tyden, Emil, Hastings, Mich. Sprinkler head. 2,375,832; May 15.

Tyden, Emil, Hastings, Mich. Sprinkler head. 2,389,331; Nov. 20.

Tyden, Emil, Hastings, Mich. Sprinkler head. 2,389,332; Nov. 20.

Tyden, Emil, Hastings, Mich. Sprinkler head. 2,389,333; Nov. 20.

Tyden, Emil, Hastings, Mich. Sprinkler head. 2,389,334; Nov. 20.

Tydon, Walter: *See*—
Noonan, E. L., and Tydon.
Noonan, E. L., and Tydon, assignors.

Tydon, Walter, Kenmore, N. Y., assignor to Curtiss-Wright Corporation. Multiple control valve. 2,366,883; Jan. 9.

Tydon, Walter, Kenmore, and W. J. Augustine, Hempstead, N. Y., assignors to Curtiss-Wright Corporation. Control operating mechanism. 2,379,999; July 10.

Tyer Rubber Company: *See*—
Fraser, Roland K., assignor.

Tyden, John G., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Blocker synchronizer. 2,380,559; July 31.

Tyler, John D., Stamford, Conn. Combined duplicating and printing machine. 2,366,884; Jan. 9.

Tyler, John M., West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Engine suspension system. 2,368,334; Jan. 30.

Tyler Laboratories, Incorporated: *See*—
Witte, Paul J., assignor.

Tyler, Ransom, Greenfield, assignor to The Oilgear Company, Milwaukee, Wis. Remote control. 2,389,829; Nov. 27.

Tyler, Ransom, Greenfield, assignor to The Oilgear Company, Milwaukee, Wis. Hydraulic drive. 2,389,830; Nov. 27.

Tyler, Rayen W., assignor to Eastman Kodak Company, Rochester, N. Y. Making photographic films. 2,384,657; Sept. 11.

Tyler, Richard G., Seattle, Wash. Treating sewage. 2,379,554; July 3.

Tyler, Tracy B., Chicago, Ill., assignor to The Monopower Corporation, Detroit, Mich. Automatic transmission. 2,381,786; Aug. 7.

Tyler, W. S., Company, The: *See*—
Parks, W. J., assignor.
Parks, Walter J., assignor.
Brown, H. E., and Grant, assignors.

Tymstra, Sybren, Berkeley, Calif., and T. K. Miles, Washington, D. C., assignors to Shell Development Company, San Francisco, Calif. Removing oil from water. 2,367,384; Jan. 16.

Tynan, James N., assignor to A. G. Spalding & Bros. Inc., Chicopee, Mass. Laminated tubing. 2,382,834; Aug. 14.

Tyrner, Joseph M., New York, N. Y. Electric circuit controller. 2,388,023; Oct. 30.

Tyrner, Joseph M., New York, N. Y., assignor to Air Reduction Company, Incorporated. Starting device for gravity arc welders. 2,387,864; Oct. 30.

Tyrseck, Walter J., assignor to Robertson Paper Box Company, Inc., Montville, Conn. Box. 2,367,476; Jan. 16.

Tyson, Charles W., Summit, N. J., assignor to Standard Oil Development Company. Catalytic conversion of hydrocarbon oils. 2,382,755; Aug. 14.

Tyson, Charles W., Summit, N. J., assignor to Standard Oil Development Company. Cracking of hydrocarbon oils. 2,384,356; Sept. 4.

Tyson, Charles W., Summit, N. J., assignor to Standard Oil Development Company. Chemical reactions. 2,391,366; Dec. 18.

Tyson, Levi D., Elkhart, Ind., assignor to International Detrola Corporation. Lathe. 2,350,808; July 31.

Tyzzer, Howard J., Caldwell, assignor to Ferris Instrument Corporation, Boonton Township, N. J. Electrical energy transmission. 2,376,101; May 15.

Tyzzer, Howard J., Caldwell, assignor, by mesne assignments, to H. E. and F. A. Barnes, East Orange, N. J. Electrical energy conversion. 2,389,472; Nov. 20.

Udale, Stanley M.: *See*—
Olson, E., and Udale.
Olson, E., Beard, and Udale, assignors.

Udale, Stanley M., Detroit, Mich., assignor to G. M. and E. Holley. Mixture control. 2,367,542; Jan. 16.

Udale, Stanley M., Detroit, Mich., assignor to G. M. and E. Holley. Liquid meter. 2,367,543; Jan. 16.

Udale, Stanley M., Detroit, Mich., assignor to G. M. and E. Holley. Flowmeter. 2,367,544; Jan. 16.

Udale, Stanley M., Detroit, Mich., assignor to G. M. and E. Holley. Fuel pump. 2,367,545; Jan. 16.

Udale, Stanley M., Detroit, Mich., assignor to G. M. and E. Holley. Engine control. 2,372,989; Apr. 3.

Udale, Stanley M., Detroit, Mich., assignor to G. M. and E. Holley. Ignition control. 2,383,895; Aug. 28.

Udy, Marvin J., Niagara Falls, N. Y. Metallurgy. 2,367,630; Jan. 16.

Udy, Marvin J., Niagara Falls, N. Y. Metallurgy. 2,370,608; Feb. 27.

Udy, Marvin J., Niagara Falls, N. Y. Chromium recovery. 2,381,236; Aug. 7.

Udy, Marvin J., Niagara Falls, N. Y. Chromium recovery. 2,381,565; Aug. 7.

Udy, Marvin J., Niagara Falls, N. Y. Recovering sodium chromate. 2,388,775; Nov. 13.

Udy, Marvin J., Niagara Falls, N. Y. Metallurgy. 2,390,970; Dec. 11.

Udylite Corporation, The: *See*—
Brown, Henry, assignor.
Davis, John V., assignor.
Lindh, Gunnar, assignor.
Lindh, G., and Phillips, assignors.
Phillips, William M., Jr., assignor.

Uhle, Frederick C.: *See*—
Elderfield, R. C., and Uhle.

Uhlemann Optical Co. of Illinois: *See*—
Uhlemann, W. R., and Uhlemann, assignors.

Uhlemann, Richard H.: *See*—
Uhlemann, W. R., and Uhlemann.

Uhlemann, William R., Evanston, and R. H. Uhlemann, Antioch, assignors to Uhlemann Optical Co. of Illinois, Chicago, Ill. Ophthalmic mounting. 2,366,659; Jan. 2.

Uhlig, Edwin C.: *See*—
Strickhouser, S. I., and Uhlig.

Uhlig, Edwin C., Greenwood, R. I., assignor to United States Rubber Company, New York, N. Y. Cushion heel. 2,375,153; May 1.

Uhlig, Herbert H., Schenectady, N. Y., assignor to General Electric Company. Passivating stainless steels. 2,390,402; Dec. 4.

Ulfsby, Nels J., and A. C. Jensen, Chicago, Ill. Automatic antislam check valve. 2,390,015; Nov. 27.

Ulinski, Bronislaus, Chicago, Ill., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Controller. 2,373,636; Apr. 10.

Ulliman, Edward A., Springfield, Ohio. Cutter. 2,370,273; Feb. 27.

Ulman, Robert, New York, N. Y., and F. Brauner, Laurelton, N. J.; said Brauner, assignor to said Ullman. Magnetic hand tool. 2,390,339; Dec. 4.

Ullmer, Valentine G., Pittsburgh, Pa., assignor to Haynes Stellite Company. Apparatus for treating metal articles. 2,389,702; Nov. 27.

Ullrich, Bruno L.: *See*—
Iglehart, F. C., and Ullrich.

Ullrich, Edward H., London, W. C. 2, England, assignor to International Electric Corporation, New York, N. Y. System of communication by means of electrical waves. 2,381,847; Aug. 7.

Ullrich, Osmar A., Jr., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Apparatus for forming optical wedges. 2,369,764; Feb. 20.

Ulstrand, Hugo M., Stockholm, Sweden, assignor to Servel, Inc., New York, N. Y. Refrigeration. Re. 22,664; Aug. 14.

Ullyot, Glenn E., assignor to Smith, Kline & French Laboratories, Philadelphia, Pa. Cyclohexenyl alkylamines. 2,367,546; Jan. 16.

Ulm, John B., Stockton, Calif. Detachable boom for industrial trucks. 2,386,759; Oct. 16.

Ulm, Reign C., East Chicago, Ind., assignor to Graver Tank & Mfg. Co., Inc., Catasauqua, Pa. Liquid seal vent. 2,367,158; Jan. 9.

Ulm, Reign C., assignor to Graver Tank & Mfg. Co., Inc., East Chicago, Ind. Pressure tank. 2,380,089; July 10.

Ulmer, Theodore, North Hollywood, and C. E. Sowle, Van Nuys, assignors to Lockheed Aircraft Corporation, Burbank, Calif. Cockpit enclosure and release mechanism. 2,367,075; Jan. 9.

Ulrich, Carl F.: *See*—
Alling, E. R., and Ulrich.

Ulrich, Frederick, assignor to Conmar Products Corporation, Bayonne, N. J. Machine and method for making slide fasteners. 2,370,380; Feb. 27.

Ulrich, Heinrich, Ludwigshafen-on-the-Rhine, Germany, assignor, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. 1:2 alleylene imine condensation products. 2,368,082; Jan. 23.

Ulrich, Heinrich, Ludwigshafen-on-the-Rhine, Germany, assignor, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Nitrogenous condensation products of alkylene imines. 2,382,185; Aug. 14.

Ulrich, Theodore: *See*—
Berry, W. S., Phelps, and Ulrich.
Deisley, E. J., Ulrich and Lindsay.

Ulrich, Theodore, Milwaukee, Wis., assignor to Nash-Kelvinator Corporation, Kenosha, Wis. Cowl ventilator. 2,367,904; Jan. 23.

Ulrich, Theodore, Detroit, Mich., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Vehicle structure, especially tonneau bottom structure. 2,370,211; Feb. 27.

Ulrich, Theodore, Detroit, Mich., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Vehicle body. 2,383,029; Aug. 21.

Ulrich, Theodore, Bridgeport, Conn., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Door suspension for vehicles, especially automobiles. 2,383,428; Aug. 21.

Ulrich, Theodore, Bridgeport, Conn., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Vehicle body. 2,386,280; Oct. 9.

Umbdenstock, Walter, assignor to R. T. Moloney, Chicago, Ill. Milling and grinding machine. 2,375,052; May 1.

Umsted, Carleton G.: *See*—
Vielehr, O. A., Umsted, and Good.

Uncas Manufacturing Company: *See*—
Barbieri, Nicholas, assignor.

Underhill, Joseph L., Indianapolis, Ind., assignor to Radio Corporation of America. Film reel spindle. 2,385,479; Sept. 25.

Underkofler, Leland A.: *See*—
Fulmer, E. I., Underkofler, and Hickey.
Hale, W. J., and Underkofler.

Underwood Corporation: *See*—
Anderson, Walter A., assignor.
Dobson, William A., assignor.
Helmond, William F., assignor.
Kurowski, Alfred G. F., assignor.
Neldich, Samuel A., assignor.
Kuhl, Frank P., assignor.
Yaeger, Harry C., assignor.

Underwood, Cyril J., assignor to Dowty Equipment Limited, Cheltenham, England. Oleo-pneumatic shock absorber. 2,388,885; Nov. 13.

Underwood Elliott Fisher Company: *See*—
Anderson, Walter A., assignor.
Fraser, L. B., and Lambert, assignors.
Mann, Miles H., assignor.
Pitman, Henry L., assignor.
Sagner, Walter T., assignor.
Sundstrand, Oscar J., assignor.
Sundstrand, O. J., and Swanson, assignors.
Wise, Elmer L., assignor.
Wornel, Thomas C., assignor.

Underwood, George J., Chicago, Ill., assignor to Hercules Powder Company, Wilmington, Del. Resin composition. 2,391,368; Dec. 18.

Underwood, James E., Oakmont, assignor to Aluminum Company of America, Pittsburgh, Pa. Sealing machine. 2,372,138; Mar. 20.

Underwood, James E., Oakmont, assignor to Aluminum Company of America, Pittsburgh, Pa. Sealing machine. 2,385,429; Sept. 25.

Underwood, James W.: *See*—
D'Alelio, G. F., and Underwood.

Underwood, Ney W., Jr., et al.: *See*—
Sadtler, Robert E., assignor.

Unger, Abraham, East Orange, assignor to Duro Persian Manufacturing Co., Inc., East Newark, N. J. Making textiles. 2,374,631; Apr. 24.

Unger, Chester E., assignor to The American Foundry Equipment Company, Mishawaka, Ind. Centrifugal throwing wheel. 2,376,639; May 22.

Unger, Magnus, Pittsfield, Mass., assignor to General Electric Company. Electric apparatus. 2,368,503; Jan. 30.

Unger, Maurice, and W. Ockrant, Cincinnati, Ohio. Facilitating the landing and take-off of airplanes from movable runways. 2,375,449; May 8.

Unger, Paul O.: *See*—
Dawson, G. H., and Unger.

Unger, Paul O., Elmhurst, assignor to Wilson-Jones Company, Chicago, Ill. Punch. 2,368,790; Feb. 6.

Unger, Paul O., Elmhurst, assignor to Wilson-Jones Company, Chicago, Ill. Punch. 2,382,523; Aug. 14.

Unger, William H., assignor, by mesne assignments, to Patents Research Corporation, New York, N. Y. Electric translating system. 2,368,052; Jan. 23.

Ungethuem, Ewald: *See*—
Schneider, A., and Ungethuem.

Union Asbestos & Rubber Company: *See*—
Astley, William F., assignor.
Breen, H. D., and O'Conner, assignors.
O'Conner, Arthur F., assignor.
Rudolph, Oscar J., assignor.

Union Bag & Paper Corporation: *See*—
Karlson, Karl R., assignor.

Union Carbide and Carbon Corporation: *See*—
Aronson, Peter R., assignor.
Babcock, Roger S., assignor.
Baker, C. H., and Olson, assignors.
Chelborg, R., and Pufahl, assignors.
Jacobsson, W. J., and Anthes, assignors.
Jacobsson, W. J., and Young, assignors.
Jones, Homer W., assignor.
La Force, Jean, assignor.
Lobosco, Roscoe R., assignor.
Meiklejohn, Robert, Jr., assignor.
Pierson, Ralph C., assignor.
Seemann, Arthur K., assignor.
Young, Lloyd W., assignor.

Union Fork & Hoe Company, The: *See*—
Miller, Erwin C., assignor.

Union Manufacturing Company, The: *See*—
Nelles, Russell E., assignor.

Union Metal Manufacturing Company, The: *See*—
Tashjian, Armen H., assignor.

Union Mining Company of Allegany County: *See*—
Morton, William A., assignor.

Union Oil Company of California: *See*—
Arnott, Earl, assignor.
Bradley, William E., assignor.
Byrns, Alva C., assignor.
Carr, Donald E., assignor.
Cook, James F., assignor.
Dillon, L., and Ragatz, assignors.
Dounmani, Thomas F., assignor.
Fischer, P. W., and Jenkins, assignor.
Flaxman, Marcellus T., assignor.
Huffman, Hal C., assignor.
Huppke, W. F., and Vermeulen, assignors.
Jenkins, Vance N., assignor.
Jones, P. H., and Flaxman, assignors.
Lake, George R., assignor.
McKinnis, Art C., assignor.
Polly, O. L., and Byrns, assignors.
Scott, Frederick S., assignor.

Union Oil Company of California, et al: *See*—
Fisher, Harmon F., assignor.

Union Special Machine Company: *See*—
Bagwell, Hardy L., assignor.
Christensen, Norman V., assignor.
Kucera, Frank A., assignor.
Le Vesconte, H. J., and Schweda, assignors.
Rubel, Charles F., assignor.
Sauer, George, assignor.
Sheldon, Archibald M., assignor.
Smith, Clarence C., assignor.
Wertz, James E., assignor.
Wood, K. R., and Ahmer, assignors.

Union Starch & Refining Company: *See*—
Fetzer, Walter R., assignor.

Union Switch & Signal Company, The: *See*—
Allen, Earl M., assignor.
Ashworth, H. E., and Aylsworth, assignors.
Baughman, George W., assignor.
Beall, Charles R., assignor.
Black, Harry L., assignor.
Blakeslee, Raymond C., assignor.
Blosser, Herman G., assignor.
Bone, Herbert L., assignor.
Bone, H. L., and Livingston, assignors.
Bone, H. L., and Staples, assignors.
Breisch, E. W., and Bossart, assignors.
Clark, Gerald T., assignor.
Clausen, H. C., and Hedding, assignors.
Cobourn, Delbert F., assignor.
Crago, Paul H., assignor.
Crawford, Archibald M., assignor.
Culbertson, George A., assignor.
Dodd, Arthur E., assignor.
Douglass, Myrl R., assignor.
Dower, D. W., and Clark, assignors.
Dowling, P. H., and Taylor, assignors.
Fallor, Charles W., assignor.
Haines, Harvey A., assignor.
Hays, Thomas W., assignor.
Jackel, Arthur P., assignor.
Jerome, Arthur L., assignor.
Jerome, A. L., and Lewis, assignors.

Union Switch & Signal Company, The: *See*—Continued
Konrad, William L., assignor.
Livingston, John W., assignor.
Martin, Paul N., assignor.
McCann, Ronald A., assignor.
Nicholson, Frank H., assignor.
Nyberg, Morgan A., assignor.
Pfanterer, George R., assignor.
Shaw, Noble C., assignor.
Smith, Harry R., assignor.
Steiner, Harold K., assignor.
Talbert, H. A., and Staples, assignors.
Temple, George L., assignor.
Thompson, Howard A., assignor.
Thompson, H. A., and Van Horn, assignors.
Thompson, L. E., and Jenkins, assignors.
Van Horn, James J., assignor.
Volz, Carl, assignor.
Wenholz, Walter W., assignor.
Union Trust Company of Pittsburgh, The, et al., executors: *See*—
Hommel, Oscar.
Union Underwear Co., Inc.: *See*—
Goldfarb, J. A., and Moore, assignors.
Unit Rays, Inc.: *See*—
Hebeler, Edward S., assignor.
Longoria, Antonio, assignor.
Unit Rig & Equipment Company: *See*—
Carter, Ray E., assignor.
United Acoustigraph Corporation: *See*—
De Sart, Albert W., Sr., assignor.
United Aircraft Corporation: *See*—
Barnes, Gilbert C., assignor.
Caldwell, Frank W., assignor.
Caldwell, F. W., and Martin, assignors.
Colvin, J. W., and Judd, assignors.
Campbell, Paul J., assignor.
Cole, Gilmoure N., assignor.
French, Albert H., assignor.
Giuhareff, Michael E., assignor.
Gorton, Robert E., assignor.
Hasbrouck, John S., assignor.
Highberg, Axel L., assignor.
Jarvis, Harold T., assignor.
King, Alexander H., assignor.
Martin, Erle, assignor.
Harkins, W. A., Cole, and Smith, assignors.
Richey, D. M., assignor.
Tyler, John M., assignor.
Williams, George L., assignor.
Wilson, Thomas A., assignor.
United Aircraft Products, Inc.: *See*—
(Cruzan, H., assignor) and Booth.
Wolcott, Glenn W., assignor.
United Air Lines, Inc: *See*—
Martin, Joseph S., assignor.
Sandretto, P. C., and Montgomery, assignors.
United Autographic Register Company: *See*—
Winter, Charles L., assignor.
United Autographic Register Co.: *See*—
Berggren, Thurston V., assignor.
Ruth, John E., assignor.
United Biscuit Company of America: *See*—
Edmonson, William H., assignor.
United Carbon Company, Inc.: *See*—
Hanson, H., and Skoog, assignors.
Hanson, H., Skoog, and Grisso, assignors.
United-Carr Fastener Corporation: *See*—
Bedford, William A., Jr., assignor.
Churchill, Wilmer H., assignor.
Cogswell, Elliot P., assignor.
Johnson, Frank E., assignor.
Johnson, Russell W., assignor.
Mitchell, Robert, assignor.
Murphy, Howard J., assignor.
Sargent, Albert A., Jr., assignor.
Trafton, Warren L., assignor.
Woodward, Clement A., assignor.
United Chromium, Incorporated: *See*—
Stareck, J. E., and Passalacqua, assignors.
United Cotton Products Company: *See*—
Hurst, Edward, assignor.
United Dairy Equipment Company: *See*—
McFadden, James B., assignor.
Rhodes, John C., assignor.
United Elastic Corporation: *See*—
Lilley, S. C., and Foster, assignors
United Elevator Service, Inc.: *See*—
Di Giovanni, Joseph, assignor.
United Engineering and Foundry Company: *See*—
Biggert, Florence C., Jr., assignor.
Johnson, L., Jr., and Stone, assignors.
Stone, Morris, D., and Gleve, assignors.
United Gas Improvement Company, The: *See*—
Ault, Waldo C., assignor.
Batchelder, Howard R., assignor.
Breuer, Frederick W., assignor.
Claffey, Joseph B., assignor.
Chaney, Newcomb K., assignor.
Chaney, N. K., and Hall, assignors.
Franz, Raymond A., assignor.
Hall, Edwin L., assignor.
Hall, E. L., and Batchelder, assignors.
Hall, E. L., and Terxian, assignors.

United Gas Improvement Company, The: *See*—Continued
Janeway, Price W., Jr., assignor.
Soday, Frank J., assignor.
Trepp, Samuel G., assignor.
Ward, Alger L., assignor.
Weir, Horace M., assignor.
United Geophysical Company: *See*—
Hoover, Herbert, Jr., assignor.
Hoskins, E. E., and Moore, assignors.
Peterson, Raymond A., assignor.
United Glass Bottle Manufacturers Limited: *See*—
Moorshead, William A., assignor.
Schmerling, Louis, assignor.
United Glass Bottle Manufacturers Limited, The: *See*—
Dorman, Edgar P., assignor.
United Last Company: *See*—
Levaggi, Victor J., Jr., assignor.
Loewer, Henry F., assignor.
Loewer, H. F., and Brown, assignors.
United Merchants & Manufacturers, Inc.: *See*—
Fountain, Harold, assignor.
Whewell, R., and Bauer, assignors.
United Paperboard Company: *See*—
Shina, Frank C., assignor.
United-Rexall Drug Company: *See*—
Cordero, Tulio, assignor.
United Sales Corporation, The: *See*—
Bradley, James A., assignor.
United Shoe Machinery: *See*—
Gookin, Sylvester R., assignor.
United Shoe Machinery Corporation: *See*—
Abell, Walter P., assignor.
Ashley, M. F., and Ryan, assignors.
Ashworth, Fred, assignor.
Barner, Louis L., assignor.
Bartholomew, Edward L., assignor.
Bazzoni, Lewis J., assignor.
Bell, Charles C., assignor.
Bell, C. C., and Goodhue, assignors.
Bennion, L. H., and Smart, assignors.
Brostrom, C. G., and Naugler, assignors.
Burby, Philip E., assignor.
Carr, J. W., and Clarke, assignors.
Clark, Alfred S., assignor.
Cooper, B. P., and Thorne, assignors.
Cushman, Lee H., assignor.
Davis, Emery R., assignor.
De Tour, Frank W., assignor.
Downer, Gerald W., assignor.
Duplessis, René E., assignor.
Edgar, David, assignor.
Ericson, Roy G., assignor.
Ewart, John M., assignor.
Fernald, Mark E., assignor.
Fitzgerald, Charles F., assignor.
Fossa, Joseph, assignor.
Fredericksen, James P., assignor.
Gill, Emerson C., assignor.
Goodhue, William V., assignor.
Gookin, Sylvester R., assignor.
Haas, Otto R., assignor.
Harrington, Valentine F., assignor.
Hindes, Joseph T., assignor.
Holmgren, Eric A., assignor.
Hood, Charles E., assignor.
Jorgensen, Bernhardt, assignor.
Knott, Clyde L., assignor.
Knowlton, Cutler D., assignor.
Knowlton, C. D., and Edgar, assignors.
La Chapelle, Euclid L., assignor.
Lancaster, John T., assignor.
Lane, H., and Barton, assignors.
Lawson, Robert H., assignor.
LeRette, William P., assignor.
Lovejoy, F. C., and Buxton, assignors.
Mac Kenzie, Wilbur L., assignor.
Newhall, Carl A., assignor.
Orr, T. F., and Curtin, assignors.
Paulsen, Hans C., assignor.
Proulx, Leonard E., assignor.
Quinn, Edward, assignor.
Ray, Eugene J., assignor.
Richardson, George K., assignor.
Ricks, Fred, assignor.
Ricks, F., and Bagshaw, assignors.
Roberts, William T. B., assignor.
Robinson, Charles A., assignor.
Ruedebush, Richard A., assignor.
Russell, Arthur L., assignor.
Sandberg, Robert N., assignor.
Speight, Francis R., assignor.
Stacey, Ernest W., assignor.
Standish, John F., assignor.
Taylor, Fred P., assignor.
Thresh, Frank R., assignor.
Toothaker, Fred E., assignor.
Topham, Laurence E., assignor.
Turner, Cameron, assignor.
Willmott, Herbert J., assignor.
Winkley, Erastus E., assignor.
Woodbury, Stephen E., assignor.
United Specialties Company: *See*—
Sebok, Frank, assignor.

U. S. Asbestos Cement Pipe Company: *See*—
Ferla, John, assignor.
U. S. Automatic Corporation: *See*—
Nord, Eric T., assignor.
United States Bedding Company, The: *See*—
Olsson, Carl, assignor.
United States Beet Sugar Association: *See*—
Powers, John B., assignor.
Tramontini, Vernon N., assignor.
U. S. Bobbin & Shuttle Co.: *See*—
Gosselin, Wilfred J., assignor.
United States Bung Manufacturing Company, The: *See*—
Lawton, George W., assignor.
United States Catheter & Instrument Corp.: *See*—
Jeckel, Norman C., assignor.
United States, dedicated to the free use of the People in the territory of the: *See*—
Browne, Harold H.
Sweet, Carroll V., assignor.
Wilkie, John B.
U. S. Electrical Motors, Inc.: *See*—
Huck, G. E., and Luenberger, assignors.
Luenberger, F. O., and Pugh, assignors.
Myers, Thomas G., assignor.
Pfleger, George T., assignor.
United States Envelope Company: *See*—
Gordon, Harry W., assignor.
Heywood, Vincent E., and Cary, assignors.
Heywood, V. E., and McRae, assignors.
Stone, R. K., and Brougham, assignors.
Swift, Willard E., assignor.
United States Gypsum Company: *See*—
Baker, George W., assignor.
Baker, G. W., and Nelsson, assignors.
Baidut, Bruno E., assignor.
Huntsicker, Harry N., assignor.
Jessen, Heinrich C., assignor.
Linzell, Harry K., assignor.
Page, John, assignor.
Paley, Lewis A., assignor.
Parsons, Joseph E., assignor.
Petty, Wiley, assignor.
Scholz, H. A., Wise, Gill, and Schmidt, assignors.
Stephens, F. J., and Tillotson, assignors.
Stitt, Roger H., assignor.
Strom, Carl S., assignor.
Wack, Otis, assignor.
Wise, John K., assignor.
United States Hoffman Machinery Corporation: *See*—
Locke, S. J., and Francey, assignors.
Wesely, Edwin F., assignor.
U. S. Industrial Chemicals, Inc.: *See*—
Balcar, Frederick R., assignor.
Dennis, Wolcott, assignor.
Hodge, Howard M., assignor.
Hoyt, Howard E., assignor.
Schultze, Norman C., assignor.
Souther, Benjamin L., assignor.
U. S. Metallic Magnesium Company: *See*—
Forsgren, D. W., and Forsgren, assignors.
United States Metallic Packing Company: *See*—
Price, Joseph W., Jr., assignor.
United States Ordnance Company: *See*—
Delalande, Paul J. M. R., assignor.
United States Quarry Tile Company: *See*—
Feichter, Harold R., assignor.
United States Rubber Company: *See*—
Armstrong, Robert T., assignor.
Arrington, Conrad J., assignor.
Blair, George W., assignor.
Breck, Samuel, assignor.
Bright, Oscar L., assignor.
Brown, Charles E., assignor.
Brown, C. F., and Hulse, assignors.
Crandall, Algier H., assignor.
Cunningham, Marion M., assignor.
Cuthbertson, George R., assignor.
Drake, Charles E., assignor.
Ebers, Earle S., assignor.
Eger, Ernst, assignor.
Emery, Albert C., assignor.
Foster, Boutwell H., assignor.
Garber, Ray S., assignor.
Gates, Joseph S., assignor.
Grafton, Corydon M., assignor.
Haddad, Nassib, assignor.
Harding, Watson G., assignor.
Hanslick, Roy S., assignor.
Harkins, Henry H., assignor.
Hart, William J., assignor.
Hile, Heston H., assignor.
Howland, Louis H., assignor.
Howland, L. H., and Paul, assignors.
Hurt, Victor H., assignor.
Kirby, W. G., and Steinle, assignors.
Ladd, Elbert C., assignor.
Martin, Frank S., assignor.
Messer, William E., assignor.
Meyer, Albert W., assignor.
Muller, J. A., and Cranston, assignors.
Patten, Fred F., assignor.
Paul, Philip T., assignor.
Ranier, E. T., and French, assignors.
Rhines, Chester E., assignor.
United States Rubber Company: *See*—Continued
Rover, James T., assignor.
Sawyer, Fred A., assignor.
Schott, J. F., Luxenberger, and Blair, assignors.
Shinkle, Seaphes D., assignor.
Strickhouser, S. I., and Uhlig, assignors.
Sunbury, Herbert E., assignor.
Teague, Merwyn C., assignor.
Ter Horst, William P., assignor.
Uhlig, Edwin C., assignor.
Valentine, Frank R., Jr., assignor.
Wallace, Edward H., assignor.
U. S. Shellac Importers Association, Inc.: *See*—
Bassford, Henry H., Jr., assignor.
Gardner, W. H., and Bassford, assignors.
U. S. Slicing Machine Company: *See*—
Ahrndt, Arthur H., assignor.
Anderson, Thure A., assignor.
Thomas, Henry, assignor.
United States Spring & Bumper Co.: *See*—
Rauen, John B., assignor.
United States Steel Corporation: *See*—
Miller, Richard F., assignor.
Percy, James W., assignor.
Percy, J. W., Johnston and Sosman, assignors.
Smith, George V., assignor.
United States Steel Corporation et al.: *See*—
Grossman, M. A., and Miller, assignors.
United States Steel Corporation of Delaware: *See*—
Vilella, Joseph R., assignor.
Queneau, Augustin L. J., assignor.
United States Steel Products Compnay: *See*—
Hanrahan, William I., assignor.
U. S. Textile Machine Company: *See*—
Thomas, Pacific J., assignor.
U. S. Thermo Control Company: *See*—
Jones, Frederick M., assignor.
United States Time Corporation, The: *See*—
Johnson, Manfred J., assignor.
Rosengren, Bernhard, assignor.
U. S. Tool and Mfg. Co.: *See*—
Greig, Arthur, assignor.
United States Vanadium Corporation: *See*—
Burwell, Blair, assignor.
United Store Company: *See*—
Breed, Carroll M., assignor.
Universal Atlas Cement Company: *See*—
Robison, Sidney J., assignor.
Universal Camera Corporation: *See*—
Pignone, Joseph, assignor.
Universal Moulded Products Corporation: *See*—
Nebesar, Robert J., assignor.
Ostling, Felix, assignor.
Universal Oil Products Company: *See*—
Ahlberg, Jacob E., assignor.
Ahlberg, J. E., and Thomas, assignors.
Alberding, Charles H., assignor.
Alther, Joseph G., assignor.
Barnes, Marion W., assignor.
Bloch, Herman S., assignor.
Bloch, H. S., and Schaad, assignors.
Bloch, H. S., and Thomas, assignors.
Brown, Kenneth M., assignor.
Corson, B. B., and Maxutov, assignors.
Danforth, Joseph D., assignor.
Dryer, Charles G., assignor.
Egloff, Gustav, assignor.
Friedman, Bernard S., assignor.
Friedman, B. S., and Stedman, assignors.
Gerhold, Clarence E., assignor.
Gerhold, Clarence G., assignor.
Grapes, Frank E., assignor.
Grosse, A. V., and Linn, assignors.
Grosse, A. V., and Mattox, assignors.
Haensel, V., and Friedman, assignors.
Hensel, Walter C., assignor.
Hervert, George L., assignor.
Huff, Lyman C., assignor.
Hulsberg, William E., assignor.
Ipatieff, Vladimir N., assignor.
Ipatieff, V. N., and Haensel, assignors.
Ipatieff, V. N., and Linn, assignors.
Ipatieff, V. N., and Pines, assignors.
Ipatieff, V. N., and Schaad, assignors.
Ipatieff, V. N., and Schmerling, assignors.
Iverson, John O., assignor.
Kanhofer, Elmer R., assignor.
Kanhofer, E. R., and Becker, assignors.
Lee, Edward C., assignor.
Lee, E. C., and Ahlberg, assignors.
Linn, Carl B., assignor.
Linn, C. B., and Ipatieff, assignors.
Lowry, Charles D., Jr., assignor.
McAfee, Jerry, assignor.
Mattox, William J., assignor.
Mattox, W. J., and Benedict, assignors.
Mavity, Julian M., assignor.
Mayland, Harrison C., assignor.
McGrew, Edwin H., assignor.
Mekler, Lev A., assignor.
Mekler, L. A., and Gerhold, assignors.
Morrell, Jacque C., assignor.
Nelson, Edwin F., assignor.
Newman, Robert J., assignor.

Universal Oil Products Company: *See*—Continued
Fenisten J. Robert, assignor.
Pines, H., and Bloch, assignors.
Pines, H., and Ipatieff, assignors.
Pinkston, John T., Jr., assignor.
Tyrell, Robert, assignor.
Read, Davis, Jr., assignor.
Schaad, Raymond E., assignor.
Schmerling, Louis, assignor.
Schmerling, L., and Ipatieff, assignors.
Thomas, Charles L., assignor.
Thomas, C. L., and Ahlberg, assignors.
Thomas, C. L., and Haensel, assignors.
Tobiasson, George T., assignor.
Webb, G. M., and Smith, assignors.
White, John B., assignor.
Zimmerman, Gordon B., assignor.
Universal Oil Reclaimer Company, Limited: *See*—
Braun, Arno A., assignor.
Universal Paper Products Company: *See*—
Amberg, Walter E., assignor.
Universal Products Company Incorporated: *See*—
Dunn, George E., assignor.
Ransom, Richard B., assignor.
Universal Railway Devices Company: *See*—
Bartsch, Herbert E., assignor.
Wilson, Jack, assignor.
Universal Royalty and Developing Company, The: *See*—
Schmidt, Hermann H., assignor.
Universal Slide Fastener Co. Inc.: *See*—
Volty, M., and Griffiths, assignors.
Universal Winding Company: *See*—
Morton, Robert E., assignor.
Perry, Eugene L., assignor.
Universal Wire Spring Company, The: *See*—
Blumensaadt, Svend G.
Neely, William H., assignor.
Neely, W. H., and Blumensaadt, assignors.
Universal Zonolite Insulation Co.: *See*—
Goodrich, H. B., and Sucetti, assignors.
University of California, The, Regents of, The: *See*—
Ark, Peter A., assignor.
Babcock, S. H., Jr., and Baker, assignors.
University of Cincinnati, Inc., Foundation of The Research Laboratory of the Tanners' Council of the United States of America at the: *See*—
Highberger, J. H., and Kersten, assignors.
University of Kansas Research Foundation, The: *See*—
Stephenson, Eugene A., assignor.
University of Illinois, Board of Trustees of the: *See*—
McCauley, W. E., and Veach, assignors.
University of Minnesota, Regents of: *See*—
Smith, L. I., and King, assignors.
Wilson, C. O., and Boothe, assignors.
University of Iowa, State: *See*—
Kuever, R. A., and Maney, assignors.
University of Kansas Research Foundation, The: *See*—
Stephenson, Eugene A., assignor.
University of Minnesota, Regents of: *See*—
Arnold, Richard T., assignor.
Newman, Morris, assignor.
University of Minnesota, Regents of the: *See*—
Gisvold, Ole, assignor.
Smith, L. I., and Rousault, assignors.
University of New Hampshire: *See*—
Caughey, Robert A., assignor.
University of St. Louis, President & Board of Trustees of: *See*—
Dolsy, E. A., MacCorquodale, Thayer, Binkley, and McKee, assignors.
Univis Lens Company, The: *See*—
Graham, A. K., Smith, and William, assignors.
Smith, Charles V., assignor.
Unke, Herman A., Parma Heights, Ohio. Welding ring. 2,369,381; Feb. 13.
Unroe, John W.: *See*—
Van der Hoeven, B. J. C., and Unroe.
Unsworth, Samuel A., Lawrenceville, Ill. Diesel engine fuel injector. 2,385,239; Sept. 18.
Unsworth, Thomas A.: *See*—
Lundgren, Eric, assignor.
Unterman, Manuel S., Far Rockaway, N. Y., assignor to Republic Aviation Corporation. Aircraft armament. 2,371,004; Mar. 6.
Upham, David S., Fort Jones, Calif. Rifle. 2,373,931; Apr. 17.
Upham, John D.: *See*—
Latchum, J. W., Jr., and Upham.
Wolk, I. L., and Upham.
Upham, John D., and I. L. Wolk, Bartlesville, Okla., assignors to Phillips Petroleum Company. Catalytic process and apparatus. 2,373,358; Apr. 10.
Upham, John D., Bartlesville, Okla., assignor to Phillips Petroleum Company. Effecting catalytic reactions. 2,374,511; Apr. 24.
Upham, John D., and I. L. Wolk, Bartlesville, Okla., assignors to Phillips Petroleum Company. Catalytic conversion. 2,376,564; May 22.
Upham, John D., Bartlesville, Okla., assignor to Phillips Petroleum Company. Supported catalysts and preparation thereof. 2,386,518; Oct. 9.
Upjohn Company, The: *See*—
Knisenga, Marvin H., assignor.
Upper, Frederick A.: *See*—
Martin, H. C., and Upper.
Upper, Frederick A., assignor to The Carborundum Company, Niagara Falls, N. Y. Making abrasive articles. 2,375,263; May 8.
Upright, Richard M.: *See*—
Bass, S. L., Upright, and Dennett.
Upson, Ralph H., Ann Arbor, Mich., assignor, by meane assignments, to Autogiro Company of America. Aircraft. Re. 22,595; Jan. 23.
Upson, Walter L., Litchfield, assignor to The Torrington Manufacturing Co., Torrington, Conn. Fluid propeller. 2,378,049; June 12.
Upton, Charles B., Piqua, Ohio. Liquid expressing press. 2,369,192; Feb. 13.
Upton, Frederick P., New Rochelle, assignor to Geneto Corporation, Mount Vernon, N. Y. Handle-bar switch. 2,389,013; Nov. 13.
Urbain, Leon F., Chicago, Ill. Wall or ceiling covering. 2,382,456; Aug. 14.
Urbain, Leon F., Chicago, Ill. Assembling construction units. 2,389,171; Nov. 20.
Urban, Joseph, Detroit, Mich. Mechanism for typesetting machines. 2,372,990; Apr. 3.
Urban, Stephen F., Chicago, Ill. Extraction of iron from pickle liquor or solutions containing iron salts. 2,366,298; Jan. 2.
Urban, Stephen F., Chicago, Ill. Pickling solution. 2,367,811; Jan. 23.
Urban, Stephen F., Chicago, Ill. Making chromium-nickel austenitic stainless steel. 2,374,396; Apr. 24.
Uren, Lester C., Berkeley, Calif., assignor to The Texas Company, New York, N. Y. Apparatus for placing gravel in wells. 2,372,461; Mar. 27.
Urquhart, Noel, Stewart Manor, assignor to Control Instrument Company, Inc., Brooklyn, N. Y. Permanent magnet. 2,380,560; July 31.
Urquhart, Radcliffe M., Montgomeryville, Pa. Producing lacteal food products. 2,375,833; May 15.
Urquhart, Radcliffe M., Montgomeryville, Pa. Apparatus for making cellular masses. 2,381,475; Aug. 7.
Ursuts, Joseph J., assignor of one-third to G. T. Bush, Chesterton, Ind. Fuel burner. 2,367,420; Oct. 23.
Usher, Vernon C.: *See*—
Haugh, Raymond R., assignor.
Usines Tornos Fabrique De Machines Moutier S. A.: *See*—
Mancia, J., and Mégel, assignors.
Usselman, George L., Rocky Point, N. Y., assignor to Radio Corporation of America. Transmission line monitor. 2,366,660; Jan. 2.
Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. Frequency and phase comparison detection and control system. 2,387,544; Oct. 23.
Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. Wave length modulation. 2,388,098; Oct. 30.
Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. Timing modulation. 2,379,201; June 26.
Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. Frequency modulation receiver. 2,382,590; Aug. 14.
Utah Radio Products Company: *See*—
Carbonneau, Gordon S., assignor.
Utermohlen, William P., Jr.: *See*—
Hasche, R. L., and Utermohlen.
Utility Trailer Manufacturing Company: *See*—
Barnhart R. M., Bennett, and Heinmiller, assignors.
Utley, Ray C., and A. Fellchenfeld, Jr., Chicago, Ill. Hat steamer. 2,369,623; Feb. 13.
Utsch, Albert, Normandy, assignor to McDonnell Aircraft Corporation, St. Louis, Mo. Control surface for airplanes. 2,370,893; Mar. 6.
Utterback, Ernest, Upper Darby, Pa., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Hydrocarbon conversion process. 2,382,371; Aug. 14.
Utterback, Thomas C., et al.: *See*—
Howard, William C., Jr., assignor.
Utz, Chester C., Magnolia (Redford Station), assignor to Chrysler Corporation, Highland Park, Mich. Steering mechanism. 2,390,231; Dec. 4.
Uxbridge Worsted Co., Inc.: *See*—
Walter, Harold J., assignor.
V. Fuener, Wilhelm: *See*—
Fier, M., Free, and v. Fuener.
Vaala, Gordon T.: *See*—
Hoover, F. W., and Vaala.
Hoover, F. W., and Vaala, assignors.
Vaala, Gordon T., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Phenol-formaldehyde resin and polyamide composition. 2,378,667; June 19.
Vaala, Gordon T., Wilmington, Del., and R. B. Carlin, Champaign, Ill., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Polmers from dioxane. 2,385,661; Sept. 25.
Vaccarella, Giuseppe M. M., Manhasset, N. Y. Collar stiffener. 2,372,752; Apr. 3.
Vac-U-Matic Corporation: *See*—
Miller, August F., assignor.
Vacuum Cleaner Corp. of America: *See*—
Meletti, Adolph, assignor.
Vadnais, Charles L., St. Paul, Minn. Laundry bag. 2,373,209; Apr. 10.

Vaiden, Cowles M., Indio, Calif. Ladder. 2,385,171; Sept. 18.
Vail, Thomas V.: *See*—
Paxton, C., and Vail.
Vaill, John L., Middlebury, Conn. Automatic ferrule attaching machine. 2,377,829; June 5.
Vaisey, Samuel B., assignor of one-half to R. A. Bristol, Rochester, N. Y. Shoe. 2,385,743; Sept. 25.
Vajda, Arthur, assignor to The Ohio Brass Company, Mansfield, Ohio. Safety device for automatic screw machines. 2,373,619; Apr. 10.
Valdastri, Mario, Sr., Kailua, Island of Oahu, Hawaii. Method of and apparatus for making ravioli. 2,386,93; Oct. 16.
Valdene, Jean P., assignor of fifty per cent to D. Guest, New York, N. Y. Apparatus for handling airplanes. 2,390,754; Dec. 11.
Valdes, Silverio A.: *See*—
D'Agostino, F. J., and Valdes.
Vale, Ruby R., Milford, Del. Collapsible tube and supporting bracket therefor. 2,368,952; Feb. 6.
Valensi, Georges, Paris, France; vested in the Alien Property Custodian. System of television in colors. 2,375,906; May 15.
Valenti, Ernest, Brooklyn, N. Y. Toy. 2,382,186; Aug. 14.
Valentine, Carroll E., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Furnace regulator system. 2,367,979; Jan. 23.
Valentine, Frank R., Jr., Naugatuck, Conn., assignor to United States Rubber Company, New York, N. Y. Antioxidants. 2,380,129; July 10.
Valentine, Frank R., Jr., Naugatuck, Conn., assignor to United States Rubber Company, New York, N. Y. Antioxidants. 2,380,130; July 10.
Valentine, Irving R., Erie, Pa., assignor to General Electric Company. Alloy suitable for use as a bearing. 2,376,210; May 15.
Valentine, Irving R., Erie, Pa., assignor to General Electric Company. Brake for heavy vehicles. 2,379,767; July 3.
Valentine, Joseph E., Plainfield, N. J., and R. J. Peña, New York, N. Y., assignors to Oxzyn Company. Pad and manufacture. 2,366,680; Jan. 2.
Valentine, Joseph E., Plainfield, N. J., and R. J. Pena, New York, N. Y., assignors to Oxzyn Company. Powder puff and making the same. 2,366,681; Jan. 2.
Valentino, Michael L.: *See*—
Kylin, O. H. O., and Valentino.
Valenzano, Michael: *See*—
Minichello, Peter J., assignor.
Valerino, Wenceslao P., and J. A. Menendes, Habana, Cuba. Combined feed mechanism and weighing device. 2,367,247; Jan. 16.
Vallandigham, Vance V., assignor to Coe Laboratories, Inc., Chicago, Ill. Impression material. 2,390,137; Dec. 4.
Vallandigham, Vance V., Park Ridge, assignor to Coe Laboratories, Inc., Chicago, Ill. Conditioning gel molds. 2,390,138; Dec. 4.
Vallely, Leslie S.: *See*—
Ording, D., and Vallely.
Vallen, Earl J., Akron, Ohio. Door or like operating device. 2,378,262; June 12.
Vallez, Henry A., Bay City, Mich., assignor, by mesne assignments, to Infilco Incorporated, Chicago, Ill. Refining and purification of sugar juices. 2,388,194; Oct. 30.
Vallez, Henry A., Bay City, Mich., assignor, by mesne assignments, to Infilco Incorporated, Chicago, Ill. Purification of sugar juices and the like. 2,388,195; Oct. 30.
Valve Engineering Company: *See*—
Caldwell, Walter T., assignor.
Valve Pilot Corporation: *See*—
Welden, Fay D., assignor.
Valyi, Emerik I., and S. Tour, New York, N. Y. Producing reinforced metal sheets. 2,375,334; May 8.
Vana, Charles A., Brecksville, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Silicate base adhesive. 2,387,367; Oct. 23.
Van Ackeren, Joseph, Pittsburgh, Pa., assignor, by mesne assignments, to Koppers Company, Inc. Coking retort oven. 2,378,450; June 19.
Vanadium Corporation of America: *See*—
Chandler, Henry T., assignor.
Van Akkeren, Antonius J. J., The Hague, Netherlands; vested in the Alien Property Custodian. Joint nail or clip 2,371,935; Mar. 20.
Van Allan, James A.: *See*—
Allen, C. F. H., and Van Allan.
Van Amstel, Johannes J. A. P.: *See*—
Addink, N. W. H., van Amstel, and Bos
Vanasse, Armand A., Waterbury, Conn. Shoulder pad. 2,385,315; Sept. 18.
Van Auken, Howard C.: *See*—
Cbafee, E. W., and Van Auken.
Van Benschoten, Walter, assignor to The Radiart Corporation, Cleveland, Ohio. Radio antenna. 2,366,299; Jan. 2.
Van Brederode, Mary S., et al., executrices: *See*—
Smith, Robert A., assignor.
Van Brunt Manufacturing Company, The: *See*—
Hyland, William A., assignor.
Starr, John H., assignor.
Van Buren, Charles J., assignor of one-half to J. E. Cameron, Fort Lauderdale, Fla. Venetian blind. 2,385,391; Sept. 25.
Van Buren, Violet, Carlsbad, N. Mex. Fish lure. 2,378,370; June 12.
Van Camp Sea Food Company, Inc.: *See*—
Lassen, Sven H., assignor.
Van Campen, Henry, New York, N. Y. Safetypin. 2,373,069; Apr. 3.
Van Campen, Marcus G., Jr.: *See*—
Shelton, R. S., and Van Campen.
Vance, Arthur W., Cranbury, N. J., assignor to Radio Corporation of America. Power supply for electron microscopes. 2,377,283; May 29.
Vance, Roy M., and C. A. Damicone, assignors to The General Tire & Rubber Company, Akron, Ohio. Rubber to metal adhesive and making same. 2,379,939; July 10.
Vancil, Edgar D.: *See*—
Mehlhope, L. E., and Vancil.
Van Cleef Bros.: *See*—
Breslove, Abel H., assignor.
Wood, Raymond E., assignor.
Van Cleef, Robert S., Memphis, Tenn. Tieback for curtains. 2,391,205; Dec. 18.
Vancura, Rudolf, Vienna, Germany; vested in the Alien Property Custodian. Stapling device. 2,381,192; Aug. 7.
Van Daalen, Henry A. S., New York, N. Y. Illuminated signal device for life saving equipment. 2,377,194; May 29.
Vande Bunte, Donald L., assignor to Packard Motor Car Company, Detroit, Mich. Etching ink. 2,377,593; June 5.
Van de Carr, Charles R., Jr., Chillicothe, assignor, by mesne assignments, to K-C-M Company, Dayton, Ohio. Paper manufacture. 2,378,113; June 12.
Van De Hey, Roche J., Manitowoc, Wis. Tractor lug. 2,377,195; May 29.
Van de Kamp, Jacob, Westfield, N. J., and M. Sletzinger, Bronx, N. Y., assignors to Merck & Co., Inc., Rahway, N. J. Production of tropine. 2,366,760; Jan. 9.
Van Dellen, Edward, and R. N. Ball, Visalia, Calif. Food product. 2,382,682; Aug. 14.
Van den Akker, Michael A. H., Voorburg (Z. H.), Netherlands; vested in the Alien Property Custodian. Apparatus for checking entries. 2,377,466; June 5.
Vanden Bergh, Alfred, Green Bay, Wis. Drive for paper manufacturing machines. 2,387,421; Oct. 23.
Van den Bosch, Francois J. G., and E. T. J. Tapp, London, England, assignors to Radio Electronics Limited. Electron discharge device. 2,378,164; June 12.
Van der Bie, Godfried J., Buitenzorg, Java, Netherlands, East Indies; vested in the Alien Property Custodian. Concentrating latex. 2,371,560; Mar. 13.
Vanderbilt, Byron M.: *See*—
Hass, H. B., and Vanderbilt.
Vanderbilt, Byron M., Cranford, and N. S. Beekley, Jr., Westfield, N. J., assignors, by mesne assignments, to Jasco, Incorporated. Coagulating emulsion polymerizates. 2,385,172; Sept. 18.
Vanderbilt, R. T., Co. Inc.: *See*—
Comstock, Earle H., assignor.
Craig, William L., assignor.
Somerville, Albert A., assignor.
Sproat, Ira E., assignor.
Van der Hoeven, Bernard J. C., Pittsburgh, Pa., and J. W. Unroe, Steubenville, Ohio, assignors, by mesne assignments, to Koppers Company, Inc. Refining of coke-oven light oil. 2,389,172; Nov. 20.
Van der Horst Corporation of America: *See*—
Van der Horst, Henderik, assignor.
Van der Horst, Henderik, Hilversum, Netherlands, assignor, by mesne assignments, to Van der Horst Corporation of America. Electrolytic process of making piston rings. 2,367,159; Jan. 9.
Vanderlyn, Philip B., Finchley, N. 3, and E. L. C. White, Chiswick, W. 4, London, assignors to Electric & Musical Industries Limited, Hayes, Middlesex, England. Twin-discharge tube oscillator. 2,373,437; Apr. 10.
Van der Pyl, Edward, Holden, assignor to Norton Company, Worcester, Mass. Apparatus for making abrasive articles. 2,391,206; Dec. 18.
Van der Rest, Gerard, Carmel-by-the-Sea, Calif. Method and apparatus for the launching of revetment mats. 2,390,403; Dec. 4.
Vandervoort, Lorain N.: *See*—
Sacchini, C. R., and Vandervoort.
Van Der Werff, Jacob B., Pasadena, Calif., assignor to Adel Precision Products Corp. Pressure regulating selector valve. 2,377,115; May 29.
Van Der Werff, Jacob B., Pasadena, Calif., assignor to Adel Precision Products Corp. Hydraulic motor unit. 2,389,654; Nov. 27.
Vandersee, Harry H.: *See*—
Baldwin, C. P., and Vanderzee.
Van Deventer, H. R., et al.: *See*—
Minto, Wallace L., assignor.
Van Deventer, Harry R.: *See*—
Shively, J. J., and Van Deventer.

Van de Venter, Walter F.: *See*—
Jones, C. G., and Van de Venter.

Van Dietz, John P. M., Ipsden, Oxon, England. Fuel and air supply for internal-combustion engines. 2,368,180; Jan. 30.

Van Dobbenburgh, Willem J. D.: *See*—
Moritz, A. J. L., Schoonderwoerd, Van Dobbenburgh, and Markwood, assignors.

Van Dunk, Cornelius H., Green Bay, Wis. Filing cabinet. 2,374,114; June 12.

Van Dusen, Laurence W., Tucson, Ariz. Crewless glider. 2,383,392; Sept. 25.

Van Dyck, Arthur, New York, N. Y., assignor to Radio Corporation of America. Harbor navigation system. 2,391,079; Dec. 18.

Van Dyke, Edward E.: *See*—
Del Mar, B. E., and Van Dyke.

Van Dyke, Harry B., and R. O. Greep, Stelton, and B. F. Chow, Highland Park, N. J., assignors to E. R. Squibb & Sons, New York, N. Y. Obtaining substantially pure interstitial-cell stimulating hormone. 2,372,234; Mar. 27.

Van Dyke, William D., Hawthorne, assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Machine for making strain gauges. 2,374,512; Apr. 24.

Van Ess, Paul R.: *See*—
Griffin, J. R., Jr., and Van Ess.

Van Ess, Paul R., Berkeley, and R. F. Bergstrom, Oakland, Calif. Compounded lubricating oil. 2,372,411; Mar. 27.

Van Ess, Paul R., Berkeley, and E. R. White, assignors to Shell Development Company, San Francisco, Calif. Lubricating oil compositions. 2,377,909; June 12.

Van Ess, Paul R., Berkeley, and E. R. White, Albany, assignors to Shell Development Company, San Francisco, Calif. Lubricating oil compositions. 2,380,205; Jan. 10.

Vang, Alfred, Newark, N. J., assignor of one-half to Stevenson, Jordan & Harrison, Inc., New York, N. Y. Reduction of the skin friction of water by vibration. 2,368,162; Jan. 2.

Vang, Alfred, Newark, N. J., assignor of one-half to Stevenson, Jordan & Harrison, Inc., New York, N. Y. Electric welding. 2,385,043; Sept. 18.

Vang, Alfred, Newark, N. J., assignor to Stevens, Jordan & Harrison, Inc., New York, N. Y. Gun. 2,387,199; Oct. 16.

Vang, Alfred, Newark, N. J., assignor to Continental Can Company, Inc., New York, N. Y. Welding method. 2,390,971; Dec. 11.

Vang, Alfred, Summit, N. J., assignor of one-half to Stevenson, Jordan & Harrison, Inc., New York, N. Y. Apparatus for treating glass. 2,382,187; Aug. 14.

Van Genderen, Gerrit, Royal Oak, Mich. Spanner ratchet wrench. 2,373,210; Apr. 10.

Van Gorden, William H., Riverside, Conn. Marine drive unit. 2,370,212; Feb. 27.

Van Ham, Ernest E., Somerville, Mass., assignor, by mesne assignments, to Jerguson Gage & Valve Co. Liquid level gauge. 2,382,946; Aug. 14.

Van Heek, Theodore, Palisade, N. J. Stop motion device for pile fabric. 2,384,357; Sept. 4.

Van Hoestenberghe, René L. H.: *See*—
Dippel, C. J., Keuning, Verkinderen, and Van Hoestenberghe, assignors.

Van Horn, Irving H., East Cleveland, Ohio, assignor to General Electric Company. Cut-out for electric lamps. 2,367,905; Jan. 23.

Van Horn, James J.: *See*—
Thompson, H. A., and Van Horn.

Van Horn, James J., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling system. 2,370,004; Feb. 20.

Van Horn, James J., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,374,792; May 1.

Van Horn, William T., Oaklyn, N. J. Intervalometer. 2,370,213; Feb. 27.

Van Huvagen, Charles L., Jr., Rutherford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Making contact wiper springs. 2,373,861; Apr. 17.

Vanity Fair Mills, Inc.: *See*—
Amidon, Roy C., assignor.

Vanke, Louis J., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Automobile speed warning device. 2,381,390; Aug. 7.

Vankeirsbilck, Norbert: *See*—
Verkinderen, H., and Vankeirsbilck.

Van Kirk, Clyde B.: *See*—
Abrams, T., Moore, and Van Kirk.

Van Kleeck, Arthur, Madison, Wis. Fire-retarding coating. 2387,865; Oct. 30.

Van Lin, Oswaldus A. J., Venlo, and J. Hoekstra, Eindhoven, Netherlands; vested in the Alien Property Custodian. Insulated electric conductor. 2,382,275; Aug. 14.

Van Loan, Morton, Jr., Evanston, assignor to Peerless Equipment Company, Chicago, Ill. Friction draft gear. 2,366,818; Jan. 9.

Van Loenen, William F.: *See*—
Mower, W. W., and Van Loenen.

Van Maldeghem, David E., New York, N. Y. Fabric cutting, edge trimming, and rewinding machine. 2,378,263; June 12.

Vannini, Philipp, and P. Hungerbühler, assignors to Landis & Gyr, A. G., Zug, Switzerland. Master clock system. 2,369,812; Feb. 20.

Van Norman, Charles B. K., Vancouver, British Columbia, Canada. Collapsible roof unit. 2,386,077; Oct. 2.

Van Norman Company: *See*—
Curtis, Frank W., assignor.
Pyne, R. S., and Allen, assignors.

Van Orden, Leo J.: *See*—
Dickinson, J. T., Morfit, and Van Orden.

Vanore, Joseph, Haledon, assignor of one-fifth to H. Bernascone, one-fifth to J. Scielzo, one-fifth to Y. Bandini, Paterson, and one-fifth to J. Parker, Lakehurst, N. J. Loom. 2,371,562; Mar. 13.

Van Orman, Ward T., assignor to Wingfoot Corporation, Akron, Ohio. Structure. 2,371,776; Mar. 20.

Van Orman, Ward T., assignor to Wingfoot Corporation, Akron, Ohio. Structure. 2,391,282; Dec. 18.

Vanous, Charles J.: *See*—
Andersen, S. K., and Vanous.

Van Patten, Charles D., Flint, Mich. Marine propulsion. 2,391,109; Dec. 18.

Van Patten, John W., assignor of one-half to S. R. Carlson, Chetek, Wis. Ceiling jack. 2,371,561; Mar. 13.

Van Raalte Company, Inc.: *See*—
Searles, Harry, assignor.
Searles, H., Griffis, and Carlson, assignors.

Van Ranst, Cornelius W.: *See*—
Sorensen, C. E., and Van Ranst.

Van Ranst, Cornelius W., Dearborn, Mich. Rotary pump. 2,380,283; July 10.

Van Riper, Dale H.: *See*—
Gillum, D. E., and Van Riper.

Van Roggen, Mathieu: *See*—
Robin, L., and Van Roggen.

Van Rosen, Robert, New York, N. Y., assignor to J. Makowsky Corporation. Carton. 2,389,703; Nov. 27.

Vansant, John S., Huntingdon Valley, assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Cathode ray television tube. 2,378,875; June 19.

Van Saun, Raymond H., Mount Prospect, assignor to Container Corporation of America, Chicago, Ill. Container handle. 2,378,340; June 12.

Van Schaack, Edward, Spokane, Wash. Electric heater. 2,391,207; Dec. 18.

Van Sickle, Roswell C., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Synchronously tripped circuit breaker. 2,372,139; Mar. 20.

Van Sickle, Roswell C., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Latch mechanisms. 2,372,140; Mar. 20.

Van Slyke, Victor T., assignor to Reciprocating Razors Corporation, Philadelphia, Pa. Element for safety razors. 2,367,547; Jan. 16.

Van Tongeren, Hermannus, Heemstede, Netherlands; vested in the Alien Property Custodian. Centrifugal dust separator. 2,378,600; June 19.

Van Tuyl, Sidney E., Riverside, assignor to American Tag Company, Chicago, Ill. Apparatus for assembling percussion primers. 2,366,885; Jan. 9.

Van Tuyl, Sidney E., Riverside, assignor to American Tag Company, Chicago, Ill. Capsule handling apparatus. 2,366,886; Jan. 9.

Van Tuyl, Thomas, and C. B. Hale, Chicago, Ill. Clamp. 2,375,507; May 8.

Van Valkenburg, Hermon L., Wauwatosa, assignor to Square D Company, Detroit, Mich. Electric switch. 2,381,848; Aug. 7.

Van Vleck, Horace R., Upper Montclair, N. J. Power take-off. 2,379,940; July 10.

Van Voorhees, Harold E., Bronxville, N. Y., assignor to Borg-Warner Corporation, Chicago, Ill. Screen with plastic frame. 2,368,053; Jan. 23.

Van Voorhis, William G.: *See*—
Hollmann, H., and Van Voorhis.

Van Vulpen, John: *See*—
Lehane, T. J., and Van Vulpen.
Rutherford, F. B., and Van Vulpen.

Van Wagner, Charles A., Winston-Salem, and C. M. Andrews, Greensboro, N. C. Collapsible receptacle. 2,379,202; June 26.

Van Winkle, John L.: *See*—
Morris, R. C., and Van Winkle.

Van Winkle, Paul, Scarsdale, assignor, by mesne assignments, to G. B. Finnegan, Jr., New York, N. Y., as trustee. Filter. 2,390,628; Dec. 11.

Van Wynen, Kenneth G., Ramsey, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission control in two-way signaling system. 2,379,768; July 3.

Van Zoeren, Gerrit J., Holland, Mich., assignor to The Wm. S. Merrell Company, Cincinnati, Ohio. Thienyl amines and making them. 2,367,702; Jan. 23.

Vapor Car Heating Company, Inc.: *See*—
Lehane, T. J., and Burgess, assignors.
Lehane, T. J., and Van Vulpen, assignors.
Peterson, W. R., and Ford, assignors.
Peterson, W. R., and La Rocque, assignors.
Rutherford, F. B., and Van Vulpen, assignors.

Varblow, Stanford C., assignor to General Motors Corporation, Detroit, Mich. Clutch linkage. 2,367,076; Jan. 9.

Vard Inc.: *See*—
Richards, D. L., and Miller, assignors.

Varian, Russell Wantagh, W. W. Hansen, Garden City, and E. L. Ginzton, Wantagh, N. Y., assignors to The Board of Trustees of The Leland Stanford Junior University, Stanford University, Calif. Fixed frequency difference stabilization system. Re. 22,587; Jan. 2.

Varian, Russell H.: *See*—
Hansen, W. W., and Varian.

Varispeed Corporation: *See*—
Nowka, Werner, assignor.

Varma, Dewan C., London, England. Cushion seat. 2,384,713; Sept. 11.

Varndell, Sydney H., London, England. Screw-cutting lathe. 2,381,849; Aug. 7.

Vartanian, Richard D.: *See*—
Greene, R. D., Kienle, and Vartanian.

Varvel, Kathleen M., South Yarra, near Melbourne, Australia. Pegless line for suspending clothes and fabrics for drying or display. 2,376,948; May 29.

Vasey, William G., New Westminster, British Columbia, Canada. Strap fastener. 2,389,335; Nov. 20.

Vass, Francis, Arquata Scrivia, Italy, assignor to Krebs & Co., Zurich, Zurich, Switzerland. Modified olefin poly-sulphide products. 2,374,963; May 1.

Vassallo, Peter, Avalon, N. J. Typesetting machine. 2,371,484; Mar. 13.

Vassar, Hervey P., Bloomfield, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Thermoresponsive measuring instrument. 2,385,044; Sept. 18.

Vassel, Michael J.: *See*—
Gammeter, John R., and Vassel.

Vasselli, Anthony J., Newark, N. J., assignor to Radio Corporation of America. Lead wire threading machine. 2,390,139; Dec. 4.

Vaszin, Aurel, Dayton, Ohio. Producing tow line plugs. 2,368,388; Jan. 30.

Vaszin, Aurel, Dayton, Ohio. Towline thimble. 2,381,193; Aug. 7.

Vaucher, Eric, Biel, Switzerland. Card ledger. 2,391,080; Dec. 18.

Vaughan, Arthur H., assignor to The Electric Furnace Company, Salem, Ohio. Apparatus for handling and heat treating glass. 2,370,381; Feb. 27.

Vaughan, Frank W., assignor of one-half to H. R. Vaughan, Portland, Oreg. Work holder for turret lathes. 2,367,703; Jan. 23.

Vaughan, Harry R.: *See*—
Vaughan, Frank W., assignor.

Vaughan, Henry E.: *See*—
Newby, N. D., and Vaughan.

Vaughan, Henry E., Valley Stream, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,375,053; May 1.

Vaughan, John A., Hempstead, assignor, by mesne assignments, to The W. L. Maxson Corporation, New York, N. Y. Gun mounting system for turrets. 2,378,050; June 12.

Vaughan Machinery Company, The: *See*—
McIlvried, E. J., and Nye, assignors.

Vaughan, Melvin F., et al.: *See*—
Livermont, Frank W., assignor.

Vaughan Motor Company, Inc.: *See*—
Weiss, Samuel, assignor.

Vaughan, Vernon V., Norfolk, Va. Hand or pointer remover. 2,386,370; Oct. 9.

Vaughan, Victor G., assignor to Metals & Controls Corporation, Attleboro, Mass. Circuits. 2,375,967; May 15.

Vaughan, William E.: *See*—
Evans, T. W., Vaughan, and Rust.
Rust, F. F., and Vaughan.

Vaughan, William E., and F. F. Rust, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Diesel fuel. 2,378,341; June 12.

Vaughen, John V.: *See*—
Wirth, W. V., and Vaughen.

Vaughn, Albert E., Orange, N. J. Assembling dispensing devices. 2,384,219; Sept. 4.

Vaughn, Leonard: *See*—
Dean, D. J., and Vaughn.
Nordyke, J. S., and Vaughn.

Vaughn, Sidney P., Ackerman, Miss. Device for turning over small objects in large quantities. 2,370,698; Mar. 6.

Veach, Carlos W.: *See*—
McCauley, W. E., and Veach.

Veale, Charles C.: *See*—
Cherry, G. L., and Veale.

Veatch, Charles E.: *See*—
Buck, L. J., and Veatch.

Veatch, Joseph G.: *See*—
Turner, B. S., Arisman, and Veatch.

Veeder-Root Incorporated: *See*—
Bliss, Harvey N., assignor.
Graydon, S., Jr., and Bliss, assignors.
Vroom, Harold B., assignor.

Veinott, Cyril G., Lima, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Regulating system. 2,367,980; Jan. 23.

Velt, Julius, Hounslow West, England. Manufacture of insulated conductors or other coated bodies. 2,366,944; Jan. 9.

Velt, Theodor, New York, N. Y. Apparatus for dehydrating fruit, vegetables, and other products. 2,370,825; Mar. 6.

Veltman, Preston L., Beacon, assignor to The Texas Company, New York, N. Y. Treatment of hydrocarbons. 2,374,313; Apr. 24.

Velvac Incorporated: *See*—
Elliott, Gordon R., assignor.

Venable, William M., assignor to Blaw-Knox Company, Pittsburgh, Pa. Snow-removal apparatus. 2,387,422; Oct. 23.

Venable, William M., assignor to Blaw-Knox Company, Pittsburgh, Pa. Snow-removal apparatus. 2,387,423; Oct. 23.

Venditty, Anthony, Detroit, Mich., assignor to Thompson Products Incorporated, Cleveland, Ohio. Bridge for fastener devices. 2,367,812; Jan. 23.

Venditty, Anthony, Detroit, Mich., assignor to Thompson Products, Inc. Stud assembly. 2,369,091; Feb. 6.

Venditty, Anthony, Detroit, Mich., assignor to Thompson Products, Inc. Universal joint. 2,377,467; June 5.

Venditty, Anthony, Detroit, Mich., assignor to Thompson Products, Inc. Coupling. 2,377,468; June 5.

Venditty, Anthony, Detroit, Mich., assignor to Thompson Products, Inc. Universal joint. 2,377,469; June 5.

Venditty, Anthony, Detroit, Mich., assignor to Thompson Products, Inc. Fastener. 2,380,131; July 10.

Venditty, Anthony, Detroit, Mich., assignor to Thompson Products Inc., Cleveland, Ohio. Universal joint. 2,386,017; Oct. 2.

Venditty, Anthony, Detroit, Mich., assignor to Thompson Products, Inc., Cleveland, Ohio. Clamp. 2,390,232; Dec. 4.

Veney, Peter, Wooster, Ohio. Nut holder. 2,387,545; Oct. 23.

Vennerholm, Gosta: *See*—
McCarroll, R. H., and Vennerholm.

Vensel, Wilbur E., East Cleveland, Ohio. Dispensing bottle cap. 2,378,451; June 19.

Vent, Bruce R., assignor to Temp-R-Lens Corporation, Michigan City, Ind. Comparing device. 2,388,352; Nov. 6.

Ventura Tool Company: *See*—
Kirk, P. L., and Boyer, assignors.

Vera, Francis L., Springfield, Mass. Gun barrel. 2,378,959; June 26.

Vergobbi, Robert W., assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Bullet handling apparatus. 2,376,293; May 15.

Vergobbi, Robert W., assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Packing bullets. 2,389,285; Nov. 20.

Verheul, Maarten M.: *See*—
Miller, I. A., and Verheul.

Verkinderen, Honore, Mortsel, and N. Vankeirsbilck, Leuven, Belgium; vested in the Alien Property Custodian. Color couplers for photographic color development. 2,380,809; July 31.

Verkinderen, Honoré J. J.: *See*—
Dippel, C. J., Keuning, Verkinderen, and Van Hoestenberghe, assignors.

Vermeulen, Theodore: *See*—
Huppke, W. F., and Vermeulen, assignors.
Ross, W. E., and Vermeulen.

Vernay Patents Company: *See*—
Vernet, Sergius, assignor.

Vernet, Sergius, assignor to Vernay Patents Company, Yellow Springs, Ohio. Sealing means. 2,368,181; Jan. 30.

Vernet, Sergius, assignor to Vernay Patents Company, Yellow Springs, Ohio. Shutter controlling device. 2,368,182; Jan. 30.

Vernon Tool Co. Ltd.: *See*—
Phipps, John T., assignor.

Vernon, William F., Newton, Iowa. Advertising device. 2,378,051; June 12.

Verona Chemical Company: *See*—
Hermann, S., Hahn, and Dorer, assignors.

Verots, Pierre, Villeurbanne, and G. Marquet, Lyon, France; vested in the Alien Property Custodian. Removable driving equipment for cycles and cycles provided therewith. 2,375,508; May 8.

Verrinder, Ernest A.: *See*—
Paxton, G. C., and Verrinder.

Versil Limited: *See*—
Binns, C. E., and Palmer, assignors.

Versoy, Irving R., assignor to The Berger Brothers Company, New Haven, Conn. Supporting belt and psoas pad. 2,372,034; Mar. 20.

Vertzinsky, Vladimiras N., Berkeley, Calif. Antiaircraft mine. 2,372,804; Apr. 3.

Vertzinsky, Vladimiras N., Berkeley, Calif. Projectile. 2,379,203; June 26.

Veece, Vincent C., Ridgewood, assignor to Harmon Color Works, Inc., Haledon, N. J. Iron pigments. 2,384,579; Sept. 11.

Vesely, Josef, London, England. Magazine for firearms. 2,383,998; Sept. 4.

Vesely, Josef, Winchmore Hill, London, England. Varying the velocity of movement of the breech block in automatic guns. 2,389,095; Nov. 13.

Vesely, Josef, Hoddesdon, England. Magazine for firearms. 2,391,756; Dec. 25.
Vesely, Josef, Hoddesdon, England. Firing mechanism for automatic guns. 2,391,757; Dec. 25.
Vester, Ernest A., assignor to H. W. Reuther, Danville, Ill. Refacing tool for crankshaft journals. 2,383,899; Aug. 28.
Vetorino, John E., Fairhaven, assignor to Continental Machinery Co., Inc., New Bedford, Mass. Tumbling machine. 2,368,586; Jan. 30.
Vetter, Otto B., assignor to Ring Balance Instrument Company, Chicago, Ill. Multiple ring balance. 2,370,095; Feb. 20.
Via, Hugh D., Portsmouth, Va. Nut cracker. 2,379,121; June 26.
Viall, George K.: *See*—
Hall, C. F., and Viall.
Viber Company: *See*—
Pierce, Charles W., assignor.
Vicars, T. & T., Limited: *See*—
Crosland, Edward M., assignor.
Vick Chemical Company: *See*—
Manchey, L. L., and Schneller, assignors.
Vickers-Armstrongs Limited: *See*—
Nasmith, J. L., and Kirby, assignors.
Wallis, Barnes N., assignor.
Vickers, Harry F., assignor to Vickers Incorporated, Detroit, Mich. Timing device for power transmission systems. 2,389,473; Nov. 20.
Vickers, Harry F., assignor to Vickers Incorporated, Detroit, Mich. Timing device for power transmission systems. 2,390,755; Dec. 11.
Vickers, Harry F., and K. R. Herman, assignors to Vickers, Incorporated, Detroit, Mich. Oil well pumping machinery. 2,367,248; Jan. 16.
Vickers Incorporated: *See*—
Bonnell, George C., assignor.
Harrington, F. T., assignor.
Hayden, Merrill A., assignor.
Jeannin, John F., assignor.
Miller, R. S., and Seidel, assignors.
Pohl, Walter M., assignor.
Tweedale, Ralph L., assignor.
Vickers, Harry F., assignor.
Vickers, H. F., and Herman, assignors.
Willett, Warren P., assignor.
Vickers, Theodore W., Los Angeles, Calif. Electrical machine. 2,378,668; June 19.
Vickers, Theodore W., Los Angeles, Calif. Electrical machine. 2,378,669; June 19.
Vickery, Alfred E., Bridgeport, Conn., assignor to Remington Rand Inc., Buffalo, N. Y. Manifolding assembly. 2,372,918; Apr. 3.
Vickery, John R., Jr., Glen Rock, Pa., assignor to American Machine & Foundry Company. Pan greaser. 2,385,744; Sept. 25.
Vickerys Limited: *See*—
Scott, Harold E. B., assignor.
Vickland, John C.: *See*—
Holm, S., and Vickland.
Herrick, W. D., and Vickland.
Victor Adding Machine Co.: *See*—
Mehan, Thomas O., assignor.
Mehan, T. O., and Hooe, assignors.
Victor Aircraft Company, Inc.: *See*—
Hulfish, Buford W., assignor.
Victor, Alexander F., New York, N. Y. Mounting for motion picture and sound projectors. 2,382,116; Aug. 14.
Victor Chemical Works: *See*—
Cmansky, Morris, assignor.
Toy, Arthur D. F., assignor.
Victor Manufacturing & Gasket Company: *See*—
Bernstein, W. F., Mika, Lillis, and Colwell, assignors.
Bittermann, Ferdinand J., assignor.
Rosatka, Thomas O., assignor.
Lillis, Stephen M., assignor.
Victor Metal Products Corporation: *See*—
Apfelbaum, Hinna L., assignor.
Victor, Robert L., La Grande, Oreg. Chain saw. 2,372,534; Mar. 27.
Victoria, Frank, Julesburg, Colo. Combined windmill and electric generator. 2,378,020; May 15.
Vidal Corporation: *See*—
Vidal, Eugene L., assignor.
Vidal, Eugene L., New York, N. Y., assignor, by mesne assignments, to Vidal Corporation. Laminated structure and making such structure. 2,370,429; Feb. 27.
Vidal, Eugene L., Washington, D. C., assignor to Vidal Corporation. Apparatus for forming laminated molded structures. 2,386,578; Oct. 9.
Viehweger, August, Richford, N. Y., assignor to Grand Rapids Hardware Company, Grand Rapids, Mich. Sash balance. 2,371,366; Mar. 13.
Viehweger, August, assignor to Grand Rapids Hardware Company, Grand Rapids, Mich. Sash balance. 2,384,980; Sept. 18.
Vieleir, Oscar A., New York, C. G. Umsted, Northport, and A. P. Good, Elmhurst, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Target locating device. 2,368,691; Feb. 6.
Viennean, Jacob J., Pittsfield, Mass., assignor to General Electric Company. Forming electromagnetic cores. 2,387,099; Oct. 16.
Viera, Frank R., Glendora, Calif. Turbine. 2,378,740; June 19.
Vieth, Albert B., Kearny, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Nonspill vent device. 2,374,513; Apr. 24.
Vigborg, Karl M.: *See*—
Dahlberg, T. O. R., and Vigborg.
Viglietta, Michael J., Elmhurst, Long Island, assignor to Royal Mounters, Long Island City, N. Y. Display device. 2,368,054; Jan. 23.
Vigneault, Joseph, et al.: *See*—
Wheeler, Byrhl F., assignor.
Vigo, George Valetta, Malta. Apparatus for jet propulsive and other purposes. 2,375,180; May 1.
Vigren, Sten D., Stockholm, and W. O. W. Broberg, and O. K. J. Olsson, Nynashamn, Sweden. Selecting device for telephone signal systems. 2,367,101; Jan. 9.
Viland, Clare K., Martinez, and H. Y. Hyde, Associated, assignors to Tide Water Associated Oil Company, San Francisco, Calif. Manufacture of butylenes. 2,388,099; Oct. 30.
Vilella, Joseph R., New York, N. Y., assignor to United States Steel Corporation of Delaware. Preparing levigated alumina for storing in water suspension 2,377,057; May 29.
Villani, Antonio: *See*—
Allen, J. G., and Villani.
Villani, Lazzaro V., Milford, Mass. Universal automotive vehicle windshield defroster and drier. 2,389,704; Nov. 27.
Villepigue, Julius G., Inglewood, Calif., assignor to North American Aviation, Inc. Jack pad. 2,377,530; June 5.
Villiger, Eugen, assignor to Aktiengesellschaft Fuer Technische Studien, Zurich, Switzerland. Tubular heat exchanger. 2,384,714; Sept. 11.
Vincent, Edward T., Ann Arbor, assignor to Continental Motors Corporation, Muskegon, Mich. Fuel atomizer. 2,391,808; Dec. 25.
Vincent, George P.: *See*—
Dubeau, A. L., MacMahon, and Vincent.
Vincent, George P., Poughkeepsie, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Decolorisation of sugar melts. 2,381,090; Aug. 7.
Vincent, George P., Briarcliff Manor, N. Y., and A. L. Dubeau, Rumford, R. I., assignors to The Mathieson Alkali Works, Inc., New York, N. Y. Oxidation of vat and sulphur dyes. 2,382,188; Aug. 14.
Vincent, George P., Briarcliff, N. Y., A. L. Dubeau, Rumford, R. I., and J. F. Synan, Fall River, Mass., assignors to The Mathieson Alkali Works, Inc., New York, N. Y. Treatment of cellulosic textile materials. 2,383,900; Aug. 28.
Vincent, Jesse G., Grosse Pointe Park, assignor to Packard Motor Car Company, Detroit, Mich. Internal-combustion engine. 2,378,452; June 19.
Vincent, John R.: *See*—
Neal, A. M., and Vincent.
Vincent, John R., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preserving rubber. 2,372,235; Mar. 27.
Vincent, John R., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Processing of synthetic elastomers. 2,378,519; June 19.
Vincent, John R., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Butadiene-styrene elastomers. 2,387,481; Oct. 23.
Vincent, Russell Swale, assignor to Callender's Cable & Construction Company, Limited, London, England. Manufacture of electric cables. 2,374,514; Apr. 24.
Vinci, Charles F.: *See*—
Hallberg, E. B., and Vinci.
Vinco Corporation: *See*—
Osplack, Joseph J., assignor.
Vine, Benjamin H., Tarentum, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Apparatus for determining the flatness of glass plates. 2,379,263; June 26.
Vine, Kemper C., Minneapolis, Minn., assignor to The House of Vision, Belgard-Spero, Inc., Chicago, Ill. Frame for eyeglasses and the like. 2,373,862; Apr. 17.
Vineberg, Joseph H., Ottawa, Ontario, Canada. Box. 2,387,482; Oct. 23.
Vinner, John I.: *See*—
Vinner, Samuel H., assignor.
Vinner, Samuel H., assignor to J. I. Vinner, Billings, Mont. Taper cutting attachment tool. 2,378,811; June 19.
Vinokrad, Jerome R., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Rubber compositions and method for retarding the deterioration of rubber. 2,379,769; July 3.
Virgin, Carl W.: *See*—
Root, F. B., and Virgin.
Virginia-Carolina Chemical Corporation: *See*—
Merlub-Sobel, Menahem, assignor.
Virginia Smelting Company: *See*—
Channon, Hiram B., assignor.
Virgona, John J.: *See*—
Arena, H. J., and Virgona.
Visas, Sophia, Newark, N. J. Tie clip. 2,388,196; Oct. 30.
Vischer, Alfred, Jr., Park Ridge, assignor to Vischer Products Company, Chicago, Ill. Pressure cooker. 2,373,620; Apr. 10.

Vischer Products Company: *See*—
Vischer, Alfred, Jr., assignor.
Visco-Meter Corporation: *See*—
Miller, Arthur E., assignor.
Vissat, Anthony L., Pittsburgh, Pa. Pliers. 2,378,264; June 12.
Visscher, Juan F.: *See*—
Ziegler, M., Visscher, and Cavallero.
Vistreich, Fernand, Great Neck, N. Y. Surgical appliance. 2,371,082; Mar. 6.
Vitalis, Emil A., East Port Chester, Conn., assignor to American Cyanamid Company, New York, N. Y. Nonalkaline detergent composition. 2,373,863; Apr. 17.
Vita-Meter Corporation: *See*—
Russell, Loren, assignor.
Vitarama Corporation, The: *See*—
Waller, Fred, assignor.
Vitreous Steel Products Co.: *See*—
Leyerle, Arthur R., assignor.
Vittum, Paul W.: *See*—
Salmiben, I. F., Vittum, and Weissberger.
Weissberger, A., and Vittum.
Vittum, Paul W., assignor to Eastman Kodak Company, Rochester, N. Y. Hardening and stain prevention process in color photography. 2,367,548; Jan. 16.
Vittum, Paul W., assignor to Eastman Kodak Company, Rochester, N. Y. Color photography. 2,384,658; Sept. 11.
Vittum, Paul W., Rochester, N. Y., and W. D. Peterson, Easton, Pa., assignors to Eastman Kodak Company, Rochester, N. Y. Acylamino phenol couplers. 2,369,929; Feb. 20.
Vittum, Paul W., and E. E. Jelley, assignors to Eastman Kodak Company, Rochester, N. Y. Color photography. 2,378,265; June 12.
Vittum, Paul W., K. P. Griffin, and A. Weissberger, assignors to Eastman Kodak Company, Rochester, N. Y. Color couplers having six-membered rings. 2,378,266; June 12.
Vivian, Harold F.: *See*—
Salo, M., and Vivian.
Vivian, Robert E.: *See*—
Dressler, R. G., and Vivian.
Dressler, R. G., Vivian, and Hasselstrom.
Vizniowski, John, Northgate, Saskatchewan, Canada. Twin claw battery clamp. 2,369,872; Feb. 20.
Voge, Hervey H., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Cyclohexene production. 2,385,555; Sept. 25.
Voge, Hervey H., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Olefin conversion. 2,388,510; Nov. 6.
Vogel, Hilmond O., Chicago, Ill., assignor to International Harvester Company. Distributor for material spreaders. 2,380,347; July 10.
Vogt, Henry, Sacramento, Calif. Hand truck. 2,373,279; Apr. 10.
Vogt, Joseph F., New Orleans, La. Cyclone separator. 2,385,745; Sept. 25.
Vogt, Richard R.: *See*—
Hamill, W. H., and Vogt.
Voight, George F., Jefferson, Ind. Nutcracker. 2,385,556; Sept. 25.
Voight, Henry G., Hamden, assignor to Sargent & Company, New Haven, Conn. Door lock. Re. 22,622; Mar. 20.
Voight, Henry G., Hamden, assignor to Sargent & Company, New Haven, Conn. Door latch. 2,369,873; Feb. 20.
Voight, Henry G., Hamden, assignor to Sargent & Company, New Haven, Conn. Screen door latch. 2,369,874; Feb. 20.
Voight, Henry G., Hamden, assignor to Sargent & Company, New Haven, Conn. Multiple bolt rim night latch. 2,379,050; June 26.
Voight, Henry G., Hamden, assignor to Sargent & Company, New Haven, Conn. Hospital door latch mechanism. 2,379,326; June 26.
Voight, Henry G., Hamden, assignor to Sargent & Company, New Haven, Conn. Latch for hospital doors and the like. 2,383,574; Aug. 28.
Voight, Henry G., Hamden, assignor to Sargent & Company, New Haven, Conn. Door lock. 2,385,173; Sept. 18.
Voight, Henry G., Hamden, assignor to Sargent & Company, New Haven, Conn. Front door lock. 2,390,756; Dec. 11.
Voight, Henry G., Hamden, Conn., and S. Oxhandler, Flushing, N. Y., assignors to Sargent & Company, New Haven, Conn. Door lock. 2,376,102; May 15.
Voigt, Paul A.: *See*—
Miles, W. S., and Voigt.
Volty, Maurice, Long Island City, and G. A. Griffiths, Kew Gardens, assignors to Universal Slide Fastener Co. Inc., Long Island City, N. Y. Making sliders for slide fasteners. 2,383,999; Sept. 4.
Volty, Maurice, Long Island City, and G. A. Griffiths, Kew Gardens, assignors to Universal Slide Fastener Co. Inc., Long Island City, N. Y. Making sliders for slide fasteners. 2,384,144; Sept. 4.
Volty, Maurice, Long Island City, and G. A. Griffiths, Kew Gardens, assignors to Universal Slide Fastener Co. Inc., Long Island City, N. Y. Method, blank, and means for making sliders for slide fasteners. 2,384,145; Sept. 4.
Voke, Carl E., Norfolk, Va. Manufacture of collapsible tubes and the like. 2,383,230; Aug. 21.
Vokes, Cecil G., London, England. Combined air filter and silencer. 2,372,618; Mar. 27.
Vokes, Cecil G., London, England. Filter. 2,381,705; Aug. 7.
Vokes, Cecil G., London, England. Filter for liquids or gases. 2,387,368; Oct. 23.
Volk, Louis W., Washington, D. C. Plaited garment. 2,374,314; Apr. 24.
Volk, Paul, Berlin-Charlottenburg, Germany; vested in the Alien Property Custodian. Tracer control for machine tools. 2,378,601; June 19.
Volkman, Charles, assignor to J. M. Downing, Dayton, Ohio. Heating apparatus. 2,384,510; Sept. 11.
Volks, Herbert, New York, N. Y., assignor to Sulzer Freres, S. A., Winterthur, Switzerland. Grill and chafing dish. 2,370,595; Feb. 27.
Vollmer, Fritz, Zurich, Switzerland. Device for regulating the delivery of reciprocating compressors. 2,379,667; July 3.
Vollmer, Jacob J., Franklin Square, N. Y. Checker game. 2,379,465; July 3.
Vollmer, Walter G., assignor of one-half to H. Haacke, St. Louis, Mo. Wrapper for cigarette packages. 2,373,524; Apr. 10.
Vollrath, Joseph P.: *See*—
Krogh, A. E., and Vollrath.
McGillin, H. O., and Vollrath.
Vollrath, Joseph P., Glenside, assignor to The Brown Instrument Company, Philadelphia, Pa. Pyrometry. 2,369,624; Feb. 13.
Vollrath, Joseph P., Glenside, assignor to The Brown Instrument Company, Philadelphia, Pa. Sampling method. 2,374,847; May 1.
Vollrath, Joseph P., Glenside, assignor to The Brown Instrument Company, Philadelphia, Pa. Control system. 2,381,992; Aug. 14.
Vollrath, Joseph P., Glenside, assignor to The Brown Instrument Company, Philadelphia, Pa. Control system. 2,390,902; Dec. 11.
Volpin, Alexander S., assignor to Mission Manufacturing Company, Houston, Tex. Dual lubrication system for valves. 2,368,183; Jan. 30.
Volterra, Renzo U., assignor to Metals & Controls Corporation, Attleboro, Mass. Electric furnace. 2,375,154; May 1.
Volz, Carl, Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Code detecting means. 2,391,369; Dec. 18.
Volska, Arthur R., Racine, Wis. Commutator slotting device. 2,372,304; Mar. 27.
Von Ahrens, Robert H., Portland, Oreg. Welding ring. 2,366,579; Jan. 2.
Von Becker, Burkhard, Aussig, Elbe, Germany, assignor to Sherka, Chemical Co., Inc. Wetting agent for mercerizing and a process for increasing the wetting power of mercerizing lyes. 2,368,277; Jan. 30.
Von Beckerath, Hans, Berlin, Germany; vested in the Alien Property Custodian. Piezoelectric device. 2,385,896; Oct. 2.
Von Bramer, Harold, and L. G. Davy, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Preparing phenylenediamine derivatives. 2,381,015; Aug. 7.
Von Bramer, Harold, and L. G. Davy, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. N-sec-butyl-p-nitroaniline. 2,388,886; Nov. 13.
Von Bültzingslöwen, Bruno, Bronx, assignor, by mesne assignments, to C. P. Goepel, New York, N. Y. Vegetable cutter. 2,367,653; Jan. 16.
Von Capeller, R.: *See*—
Danuser, J., and von Capeller.
Von Däniken, Lena, Schaffhausen, and J. Gässer, Luzern, Switzerland. Device for defining the base lines on the human body for taking the measure. 2,385,746; Sept. 25.
Vondrak, Joseph, New York, N. Y. Syringe. 2,375,711; May 8.
Von Fahland, Jurgen: *See*—
Lang, R., von Fahland, and Gros.
Von Felgel-Farnhols, Richard R., Teltow-Seehof, near Berlin, Germany; vested in the Alien Property Custodian. Black spot correcting means. 2,375,968; May 15.
Von Freyberg, Hans, and H. Koch, Frankfort-on-the-Main, Germany, assignors to General Aniline & Film Corporation, New York, N. Y. Polymethine dyestuffs and preparing them. 2,385,747; Sept. 25.
Von Glahn, William H., Loudonville, W. L. Walsh, East Greenbush, and C. Streck, Albany, assignors to General Aniline & Film Corporation, New York, N. Y. Stable diazo salt preparation. 2,381,145; Aug. 7.
Von Glahn, William H., Loudonville, and W. L. Walsh, East Greenbush, assignors to General Aniline & Film Corporation, New York, N. Y. Fabric and producing it. 2,390,903; Dec. 11.
Von Hofe, George W., Bound Brook, assignor to New Jersey Machine Corporation, Hoboken, N. J. Labeling apparatus. 2,377,470; June 5.

Von Hofe, George W., Bound Brook, N. J., and E. E. Lakso, Fitchburg, Mass., assignors to New Jersey Machine Corporation, Hoboken, N. J. Handling ammunition. 2,391,061; Dec. 18.
Von Hoorn, Fred G., Nichols, Conn., assignor to General Electric Company. Automatic circuit breaker. 2,367,631; Jan. 16.
Von Knauf, Harry P., Chicago, Ill. Apparatus for making electrical coils. 2,368,389; Jan. 30.
Von Kraemer, Ivan G. H., Stockholm, Sweden. Driving mechanism for returning the roller of typewriters. 2,378,520; June 19.
Von Meyenburg, Harald: *See*—
Hartmann, M., Cueni, Druey, and von Meyenburg.
Hoffmann, K., and Von Meyenburg.
Von Opel, Fritz, New York, N. Y.; vested in the Alien Property Custodian. Fastening device. 2,373,722; Apr. 17.
Von Opel, Fritz, New York, N. Y.; vested in the Alien Property Custodian. Injection molding apparatus. 2,374,468; Apr. 24.
Von Poser, Gottlieb: *See*—
Schmidt, M. P., and Von Poser.
Von Reppert, Richard, Rochester, assignor to International Business Machines Corporation, New York, N. Y. Speed responsive switch. 2,377,830; June 5.
Von Reppert, Richard, Rochester, assignor to International Business Machines Corporation, New York, N. Y. Typewriting machine. 2,377,831; June 5.
Von Reppert, Richard, Rochester, assignor to International Business Machines Corporation, New York, N. Y. Typewriting machine. 2,379,843; July 3.
Von Roll, L., Aktiengesellschaft fur Kommunale Anlagen: *See*—
Böhm, Egon, assignor.
Von Siegl, Rudolf, New York, N. Y. Globe construction. 2,378,115; June 12.
Von Soden, Adolph F., Los Angeles, Calif. Rejuvenating and re-inking ribbons for typewriters and the like. 2,370,382; Feb. 27.
Von Stoeser, Walter, Kenmore, assignor, to The Rudolph Wurlitzer Company, North Tonawanda, N. Y. Closure for coin-receiving receptacles. 2,371,114; Mar. 6.
Von Stoeser, Walter, North Tonawanda, and F. H. Osborne, Snyder, assignors to The Rudolph Wurlitzer Company, North Tonawanda, N. Y. Drink measuring device. 2,380,884; July 31.
Von Voigtlander, Oscar: *See*—
Stuart, J. L., and Von Voigtlander.
Von Wangenheim, Adolf, assignor to Detroit Lubricator Company, Detroit, Mich. Rotary pump. 2,377,299; May 29.
Von Wangenheim, Adolf, assignor to Detroit Lubricator Company, Detroit, Mich. Water mixing valve. 2,381,146; Aug. 7.
Von Zelewsky, Ottomar, Neuhausen, and K. Künsi, assignors to Aktiengesellschaft der Eisen- und Stahlwerke vormals Georg Fischer, Schaffhausen, Switzerland. Lathe for profiling hollow bodies. 2,385,430; Sept. 25.
Vonnegut, Bernard, Boston, Mass., assignor to Research Corporation, New York, N. Y. Deicing means. 2,385,662; Sept. 25.
Vooged, Maarten, Long Beach, F. E. Caddy, Compton, and C. H. Duffy, Long Beach, assignors to Shell Development Company, San Francisco, Calif. Acid recovery process. 2,372,350; Apr. 10.
Voorhees, Vanderveer, Homewood, assignor to Standard Oil Company, Chicago, Ill. Transferring catalysts. 2,366,372; Jan. 2.
Voorhees, Vanderveer, Homewood, assignor to Standard Oil Company, Chicago, Ill. Acid treating wells. 2,366,373; Jan. 2.
Voorhees, Vanderveer, Homewood, assignor to Standard Oil Company, Chicago, Ill. Production of styrene from butadiene. 2,376,985; May 29.
Voorhees, Vanderveer, Homewood, and W. L. Webb, assignors to Standard Oil Company, Chicago, Ill. Catalytic conversion process and apparatus. 2,378,342; June 12.
Voorhees, Vanderveer, Homewood and G. W. Watts, Flossmoor, assignors to Standard Oil Company, Chicago, Ill. Removing coke. 2,390,197; Dec. 4.
Voorhies, Alexis, Jr.: *See*—
Murphree, E. V., Voorhies, Bonnell, and Tregre.
Voorhies, Alexis, Jr., Baton Rouge, La., and E. E. Stahly, Pittsburgh, Pa., assignors to Standard Catalytic Company, Hydrogenation over sulphur-sensitive catalysts. 2,377,116; May 29.
Voorhies, Harry E., Grosse Pointe Woods, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Valve tappet construction. 2,370,761; Mar. 6.
Vore, Milton P., Catonsville, Md., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Tinplate flowing apparatus. 2,381,323; Aug. 7.
Voris, Mabel A., Seattle, Wash. Dish washing machine. 2,390,757; Dec. 11.
Vosbikian, Peter S.: *See*—
Vosbikian, Thomas S. and P. S.
Vosbikian, Thomas S. and P. S., Philadelphia, Pa. Combination tool. 2,377,730; June 5.
Vose, Edwin W., Orange, N. J., assignor to Spray Process Co. Inc., New York, N. Y. Spraying device for divided solid materials. 2,391,048; Dec. 18.
Vose, Richard S., Swarthmore, assignor to Sun Oil Company, Philadelphia, Pa. Refining of hydrocarbon oil with metallic sodium. 2,385,431; Sept. 25.
Vose, Robert W., West Springfield, assignor to Chicopee Manufacturing Corporation, Chicopee Falls, Mass. Kier piler. 2,386,371; Oct. 9.
Vosper, Wayne D., Toledo, Ohio. Adjustable reamer. 2,376,021; May 15.
Voss, Arthur, deceased, by H. Voss, Frankfort-on-the-Main, administratrix, and K. Dietz, Kronberg in Taunus, and H. Thomas, Hofheim in Taunus, Germany; vested in the Alien Property Custodian. Hardenable resin composition. 2,390,198; Dec. 4.
Voss, Edward W.: *See*—
Voss, Raymond F., assignor.
Voss, Hedwig, administratrix: *See*—
Voss, A., Dietz, and Thomas.
Vossen, Edward, assignor to Stop-Motion Devices Corp., Brooklyn, N. Y. Controller mounting for knitting machines. 2,385,174; Sept. 18.
Vossen, Edward, assignor to Stop-Motion Devices Corp., Brooklyn, N. Y. Stop motion device for sewing machines. 2,387,369; Oct. 23.
Vossen, Edward, assignor to Stop-Motion Devices Corporation, Brooklyn, N. Y. Stop motion device for sewing machines. 2,387,958; Oct. 30.
Vredenburg, Edric W., Berkeley, Calif. Filling spout. 2,366,163; Jan. 2.
Vree, Louis G.: *See*—
Tack, C. E., and Vree.
Vroman, Erwin C., Watertown, N. Y., assignor to The New York Air Brake Company. Sander. 2,376,463; May 22.
Vroom, Harold B., assignors to Veeder-Root Incorporated, Hartford, Conn. Counter. 2,384,220; Sept. 4.
Vroom, Robert C., Montclair, N. J., and D. P. Graham, Flushing, assignors to Peabody Engineering Corporation, New York, N. Y. Multiple fuel burner. 2,366,463; Jan. 2.
Vrooman, Donald F., Scotia, N. Y., assignor to General Electric Company. Receiver desensitizing circuit. 2,369,193; Feb. 13.
Vrooman, Edward C., Schenectady, N. Y., assignor to General Electric Company. Variable frequency motor control system. 2,368,504; Jan. 30.
Vulcan Corporation: *See*—
Clausing, George, assignor.
Fuller, John M., assignor.
Miller, Carl L., assignor.
Vulcan Soot Blower Company: *See*—
Arey, F. C., and Hibner, assignors.
Hibner, D. E., and Arey, assignors.
Vyverberg, John C., Jr.: *See*—
Acken, M. F., and Vyverberg.
Waage, John J., assignor to Globe Slicing Machine Co. Inc., Stamford, Conn. Stacker for slicing machines. 2,381,016; Aug. 7.
Wabash Appliance Corporation: *See*—
Fink, William C., assignor.
Kalil, E. O., and Gleim, assignors.
Waber, James W., Chicago, Ill. Making inner tubes. 2,379,122; June 26.
Wachsman, Jacob, Brooklyn, N. Y. Stop motion for knitting machines. 2,368,184; Jan. 30.
Wachsman, Michael, Brooklyn, N. Y. Electric distributor ring for rotary knitting machines. 2,387,100; Oct. 16.
Wachter, Aaron: *See*—
Ruys, J. D., and Wachter.
Wachter, Aaron, Berkeley, and R. S. Treseder, assignors to Shell Development Company, San Francisco, Calif. Pipe-line corrosion inhibition. 2,385,175; Sept. 18.
Wachter, Edward D., Jr.: *See*—
Mullett, H. G., and Wachter, Jr.
Wachter, Lester W., assignor to Anthony Company, Streator, Ill. Adjustable latch. 2,370,334; Feb. 27.
Wachter, Lester W., assignor to Anthony Company, Streator, Ill. Elevator. 2,389,221; Nov. 20.
Wack, Otis, Evanston, assignor to United States Gypsum Company, Chicago, Ill. Building element. 2,380,885; July 31.
Wacker, George W., assignor to Clearing Machine Corporation, Chicago, Ill. Hydraulic circuit for presses. 2,379,668; July 3.
Wackman, Louis B., Richmond Heights, Mo. Making reenforced chime construction for cans or containers. 2,388,300; Nov. 6.
Wadd, Roy J.: *See*—
Wendelburg, F. W., and Wadd.
Waddell, James: *See*—
Calcott, W. S., Waddell and Rosenberg.
Waddell, Myron C., Lakewood, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Removing iron from zinc salts. 2,369,270; Feb. 13.
Waddell, Myron C., Lakewood, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of trisodium phosphate. 2,375,054; May 1.
Wade, Addie K., Jr., San Diego, Calif. Fluid lift pump. 2,373,985; Apr. 17.
Wade, Elmer J., Pittsfield, Mass., assignor to General Electric Company. Lightning arrester. 2,372,085; Mar. 20.

Wade, Elmer J., Pittsfield, Mass., assignor to General Electric Company. Protective device. 2,385,663; Sept. 25.
Wade, Elmer J., and J. Horvath, Jr., Pittsfield, Mass., assignors to General Electric Company. Protective device. 2,391,758; Dec. 25.
Wade, John L., North Hollywood, assignor, by mesne assignments, of one-third to himself, one-third to R. Swanson, Los Angeles, and one-third to W. W. Lake, Pasadena, Calif. Mold for butter and the like. 2,370,925; Mar. 6.
Wade, Willard H.: *See*—
Walker, C., and Wade.
Wadley, Edward F., Baytown, Tex., assignor to Standard Oil Development Company. Production of terpenes. 2,386,100; Oct. 30.
Wadman, Walter V., and L. D. Butcher, assignors to Eastman Kodak Company, Rochester, N. Y. Concentrated selenium toner and making. 2,382,683; Aug. 14.
Wadsworth, Francis T., Texas City, Tex., assignor to Pan American Refining Corporation, New York, N. Y. Refining aromatic distillates. 2,380,561; July 31.
Wadsworth, Joseph F., Jr., Barberton, Ohio. Combination towing cable and fuel hose. 2,374,249; Apr. 24.
Wadsworth, Robert J., and O. K. Nye, Indianapolis, Ind. Boat propulsion and steering. 2,381,791; Aug. 7.
Waeber, Erwin, assignor to Sulzer Frères, Société Anonyme, Winterthur, Switzerland. Piston cooling. 2,369,500; Feb. 13.
Waeber, Erwin, assignor to Sulzer Frères, Société Anonyme, Winterthur, Switzerland. Compressor with opposed pistons. 2,375,395; May 8.
Waeber, Erwin, assignor to Sulzer Frères, Société Anonyme, Winterthur, Switzerland. Fuel injection device. 2,378,165; June 12.
Wagenknecht, Otto E.: *See*—
Tellander, F., and Wagenknecht.
Wagenknecht, Otto E., assignor to Zenith Radio Corporation, Chicago, Ill. Antenna for automobiles and other vehicles. 2,388,625; Nov. 6.
Wagensell, Ludwig: *See*—
Neugebauer, F., and Wagensell.
Wagers, Beverly T., assignor of one-fourth to J. M. Wolfinbarger, one-fourth to C. Ball, and one-fourth to E. Sparks, Irvine, Ky. Internal-combustion engine. 2,371,005; Mar. 6.
Waggener, Kenneth E., Brea, Calif. Drilling string with an inside cutting-off sub incorporated therein. 2,378,602; June 19.
Waggoner, Frank H., Pearl River, N. Y. Display device. 2,386,642; Oct. 6.
Waggoner, Glenn, Birmingham, and R. Miller, Big Beaver, Mich. Container. 2,376,819; Jan. 9.
Wagner, Carl J., Detroit, Mich. Surge brake for trailers. 2,391,603; Dec. 25.
Wagner, Cary R., Utica, Ohio, assignor to Phillips Petroleum Company. Production of cyclic ketones. 2,386,372; Oct. 9.
Wagner, Charley L., Menasha, Wis., assignor to Marathon Corporation. Pressure-sensitive adhesive tape. 2,373,634; Apr. 10.
Wagner, E. R., Manufacturing Company: *See*—
Thiele, Berthold R., assignor.
Wagner, R. S., and Thiele, assignors.
Wagner, Eddie B., Portland, Oreg. Cement container. 2,374,397; Apr. 24.
Wagner Electric Corporation: *See*—
Boldt, Werner F., assignor.
Brimble, George D., assignor.
Brunner, Albert, assignor.
Cox, John C., assignor.
Dick, Burns, assignor.
Fites, Cyril B., assignor.
Freeman, Walter R., assignor.
Johnson, Edward D., assignor.
Milster, Arthur N., assignor.
Naumann, Leonard G., assignor.
Schnell, Steve, assignor.
Whitacre, Clarence J., assignor.
Wagner, George: *See*—
Orthner, L., Luce, and Wagner.
Wagner, Gustave H.: *See*—
Wagner, Harold A. and G. H.
Wagner, Harold A. and G. H., Portland, Oreg. Cement conveying can. 2,374,398; Apr. 24.
Wagner, Harold A. and G. H., Portland, Oreg. Vehicle stabilizing arrangement. 2,375,264; May 8.
Wagner, Harold A. and G. H., Portland, Oreg. Portable crane. 2,383,172; Aug. 21.
Wagner, Harold A. and G. H., Portland, Oreg. Vehicle mounted tower. 2,385,748; Sept. 25.
Wagner, Harold A. and G. H., Portland, Oreg. Material handling truck. 2,386,519; Oct. 9.
Wagner, Harold H., Cincinnati, Ohio, assignor to The W. J. Fitzpatrick Company, Chicago, Ill. Triturating machine. 2,385,767; Sept. 25.
Wagner, Henry J., Jackson, Mo. Electrode holder. 2,389,569; Nov. 20.
Wagner, Irwin D., L. D. Fetterolf, R. K. Waring, and G. T. Mahler, Palmerton, Pa., assignors to The New Jersey Zinc Company, New York, N. Y. Charge preparation. 2,390,016; Nov. 27.
Wagner, Jacob, Seattle, Wash. Airplane. 2,375,265; May 8.
Wagner, Julius A., Cleveland Heights, Ohio, assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for handling strands. 2,290,904; Dec. 11.
Wagner, Leland B.: *See*—
Rothwell, J. J., and Wagner.
Wagner, Max, and W. Laukhuff, Stuttgart, Germany; vested in the Alien Property Custodian. Axle guiding arrangement. 2,369,501; Feb. 13.
Wagner, Raymond A., Sr., Quakertown, Pa. Stool. 2,369,930; Feb. 20.
Wagner, Richard H., Edgewood, and E. O. Mueller, Irwin, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electric traction-motor. 2,381,324; Aug. 7.
Wagner, Robert S., and B. R. Thiele, assignors to E. R. Wagner Manufacturing Company, Milwaukee, Wis. Hasp lock. 2,382,756; Aug. 14.
Wagner, Romeo B., State College, Pa., assignor to Parke, Davis & Company, Detroit, Mich. Steroidal compounds and obtaining the same. 2,380,483; July 31.
Wagner, Romeo B., State College, Pa., assignor to Parke, Davis & Company, Detroit, Mich. Steroidal compounds and obtaining the same. 2,380,484; July 31.
Wagner, Wilfred C., Detroit, Mich. Illuminating device. 2,387,816; Oct. 30.
Wagoner, William S., Gibsonville, N. C. Apparatus for molding blocks. 2,389,474; Nov. 20.
Wagstaff, Albert E., Frankfort, assignor to International Heater Company, Utica, N. Y. Joint structure. 2,380,348; July 10.
Wahl, Albert G., Los Angeles, Calif. Garment hanger. 2,381,629; Aug. 7.
Wahl, Albert J.: *See*—
Miller, W. J., and Wahl.
Wahl, Arthur M.: *See*—
Webb, H. J., Baker, and Wahl.
Wahl, Arthur M., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Damped drive-mechanism. 2,381,325; Aug. 7.
Wahl, John C., Chicago, Ill. Method of and machine for printing calendars. 2,366,300; Jan. 2.
Wahl, John C., Chicago, Ill., assignor to C. E. Hovey, Kansas City, Mo. Apparatus for opening and emptying capped bottles. 2,356,152; Oct. 2.
Wahl, John C., Kansas City, Mo., assignor, by mesne assignments of one-half to A. L. Chambers, Watonga, Okla., and one-half to to C. G. Sherman, Mission, Kans. Cigarette-making machine. 2,376,103; May 15.
Wahl, Milton H., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of nitric oxide. 2,382,189; Aug. 14.
Wahlberg, Eric C., Stamford, Conn., assignor to Electrolux Corporation, New York, N. Y. Fluid distributor. 2,367,319; Jan. 16.
Wahlberg, Eric C., Stamford, Conn., assignor to Electrolux Corporation, New York, N. Y. Producing a simulated metallic coating. 2,390,758; Dec. 11.
Wahlberg, John, New York, assignor to N. Chayes, Rye, N. Y. Dental handpiece. 2,376,294; May 15.
Wahlberg, John, New York, assignor to Nat Chayes, Rye, N. Y. Dental handpiece. 2,376,295; May 15.
Wahlmark, Gunnar A., Rockford, Ill. Fluid pump or motor. 2,373,723; Apr. 17.
Wahlmark, Gunnar A., Rockford, Ill. Hydraulically operated control mechanism. 2,373,724; Apr. 17.
Wahlmark, Gunnar A., Rockford, Ill. Hydraulic circuit. 2,380,810; July 31.
Wahlmark, Gunnar A., assignor to Sundstrand Machine Tool Co., Rockford, Ill. Hydraulic circuit. 2,383,092; Aug. 21.
Wahlmark, Gunnar A., assignor to Sundstrand Machine Tool Co., Rockford, Ill. Fluid pressure generating means. 2,383,093; Aug. 21.
Wahlmark, Gunnar A., assignor to Sundstrand Machine Tool Co., Rockford, Ill. Hydraulically operated control mechanism. 2,383,429; Aug. 21.
Wahlstrand, Harold A., assignor to Teletype Corporation, Chicago, Ill. Station identifier. 2,390,672; Dec. 11.
Waibel, Wilhelm: *See*—
Korte, H., Waibel, and Metzger.
Wailes, Dove-Herriston Corporation: *See*—
Focha, William F., assignor.
Wainer, Eugene, Niagara Falls, N. Y., assignor to The Titanium Alloy Manufacturing Company, New York, N. Y. Ceramic preparation. 2,369,327; Feb. 13.
Wainer, Eugene, Niagara Falls, assignor to The Titanium Alloy Manufacturing Company, New York, N. Y. Composition and article for electric use. 2,371,660; Mar. 20.
Wainer, Eugene, Niagara Falls, assignor to The Titanium Alloy Manufacturing Company, New York, N. Y. Refractory composition. 2,372,230; Mar. 27.
Wainer, Eugene, assignor to The Titanium Alloy Manufacturing Company, Niagara Falls, N. Y. Refractory composition and making the same. 2,373,864; Apr. 17.
Wainer, Eugene, Niagara Falls, assignor to The Titanium Alloy Manufacturing Company, New York, N. Y. Preparation of zirconium dioxide. 2,387,046; Oct. 16.
Wainer, Eugene, and A. N. Salomon, Niagara Falls, assignors to The Titanium Alloy Manufacturing Company, New York, N. Y. High dielectric constant ceramics. 2,377,910; June 12.

Wainer, Eugene, and A. Salomon, Niagara Falls, assignors to The Titanium Alloy Manufacturing Company, New York, N. Y. Quick setting cement. 2,391,493; Dec. 25.
Wainwright, John E.: *See*—
Harley, S. J., and Wainwright.
Wait, Clyde F., assignor to Palace Corporation, Flint, Mich. Trailer. 2,384,659; Sept. 11.
Waite, John L., Jr.: *See*—
Duke, E. H., and Waite.
Waite, Ralph B.: *See*—
Waite, Sheridan C., assignor.
Waite, Sheridan C., Buffalo, assignor to R. B. Waite, Springville, N. Y. Dispenser. 2,379,327; June 26.
Waitkus, Joseph: *See*—
Yerrick, W. D., and Waitkus.
Wakefield, C. C., & Company Limited: *See*—
Evans, Elliott A., assignor.
Evans, E. A., and Elliott, assignors.
Helmore, William, assignor.
Wakefield, F. W., Brass Company, The: *See*—
Wakefield, George P., assignor.
Wakefield, George P., assignor to The F. W. Wakefield Brass Company, Vermilion, Ohio. Lighting fixture 2,381,630; Aug. 7.
Wakefield, George P., assignor to The F. W. Wakefield Brass Company, Vermilion, Ohio. Exteriorly illuminated reflector for lighting fixtures. 2,381,792; Aug. 7.
Wakefield, Harold F.: *See*—
Stoops, W. N., Staff, and Wakefield.
Wakefield, Richard E. B.: *See*—
Hess, F. O., and Wakefield.
Wakefield, Richard E. B., Aldan, Pa., assignor to Selas Corporation of America. Liquid detecting means. 2,386,412; Oct. 9.
Wakefield, Walter H., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Self-adjusting thread holder. 2,370,826; Mar. 6.
Wakefield, Walter H., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Thread control system for weft replenishing looms. 2,375,712; May 8.
Wakefield, Walter H., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Thread accumulator for weft replenishing looms. 2,390,478; Dec. 4.
Wakefield, Walter H., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Weft replenishing loom. 2,391,370; Dec. 18.
Waksman, Selman A., Highland Park, and H. B. Woodruff, New Brunswick, assignors to Merck & Co., Inc., Rahway, N. J. Actinomycin. 2,378,876; June 19.
Walach, Bruno: *See*—
Schenker, G., and Walach.
Walbert, Charles H., Oklahoma City, Okla. Floor unit for refrigerators. 2,387,310; Oct. 23.
Walbert, Charles H., Oklahoma City, Okla. Syphon valve unit for refrigerators. 2,387,483; Oct. 23.
Walbert, Charles H., Oklahoma City, Okla. Refrigeration unit. 2,387,484; Oct. 23.
Walborn, John H., Harrisburg, Pa. Modern food dispensing and display case. 2,380,712; July 31.
Waleber, Edwin A., assignor to The Ohio Steel Foundry Company, Lima, Ohio. Core structure for casting hollow rolls or the like. 2,374,904; May 1.
Walcher, Edwin A., assignor to The Ohio Steel Foundry Company, Lima, Ohio. Surface chilling means for castings. 2,377,731; June 5.
Wald, George F.: *See*—
Mog, F. G., Wald, and Whiting.
Waldeck, George A.: *See*—
Waldeck, George R., assignor.
Waldeck, George R., Auburn, Ala., assignor of twenty-five per cent to G. A. Waldeck. Cutter head for hydraulic dredges. 2,370,430; Feb. 27.
Walden, Alfred E.: *See*—
Gernandt, W. G., and Walden.
Walden, Alfred R., assignor to Briggs Manufacturing Company, Detroit, Mich. Engine. 2,374,250; Apr. 24.
Walder, Emil, and Joseph W. Myers, assignors to Proctor & Schwartz, Inc., Philadelphia, Pa. Coffee maker. 2,370,096; Feb. 20.
Walder, Robert B., Los Angeles, Calif. Air chuck. 2,383,094; Aug. 21.
Waldes, Ida, et al.: *See*—
Sander, Frank S., assignor.
Waldes Koh-I-Noor, Inc.: *See*—
Brosek, Lawrence, assignor.
Cizek, Vojtech, assignor.
Waldie, George A.: *See*—
Tucker, W. R., and Waldie.
Waldie, George A., Miamisburgh, Ohio, assignor to The Hydraulic Development Corp., Inc. Servomotor. 2,368,791; Feb. 6.
Waldie, George A., Franklin, assignor to The Hydraulic Development Corp. Inc., Mount Gilead, Ohio. Balanced ball type vane pump or motor. 2,380,886; July 31.
Waldie, George A., Edison, Ohio, assignor to The Hydraulic Development Corporation, Inc., Wilmington, Del. Valve control mechanism. 2,384,221; Sept. 4.
Waldie, James D.: *See*—
Kurtz, J. Waldie, and Spina.
Waldie, William A.: *See*—
Drummond, F. E., and Waldie.
Waldie, William A., assignor to New Wrinkle, Inc., Dayton, Ohio. Producing marbleized wrinkle finishes. 2,373,211; Apr. 10.
Waldie, William A., assignor to New Wrinkle, Inc., Dayton, Ohio. Blown wrinkle varnish base. 2,373,212; Apr. 10.
Waldie, William A., assignor to The Commonwealth Engineering Company of Ohio, Dayton, Ohio. Pigmented alkyd resin. 2,388,301; Nov. 6.
Waldie, William A., Oakwood, Ohio, assignor to New Wrinkle, Inc., Wilmington, Del. Coating compositions. 2,387,424; Oct. 23.
Waldie, William A., Oakwood, Ohio, and J. E. Bersuder, Warren, Pa., assignors to Chemical Developments Corporation, Dayton, Ohio. Producing dextran acetate. 2,386,994; Oct. 16.
Waldman, Aaron, New York, N. Y. Drafting instrument. 2,371,485; Mar. 13.
Waldman, Samuel, and G. F. Coggins, assignors to Aerovox Corporation, New Bedford, Mass. Etching process. 2,378,062; June 12.
Waldorf Paper Products Company: *See*—
Guyer, Reynolds, assignor.
Guyer, R., and Hennessey, assignors.
Guyer, R., and Johnston, assignors.
Ronning, Henry O., assignor.
Waldron, William E., and R. C. Franklin, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Lenco-monacyl-1,4 diaminoanthraquinone and preparing the same. 2,378,812; June 19.
Wale, Wilbert R., Toledo, Ohio. Preformed step structure. 2,374,905; May 1.
Wales, George F., Kenmore, N. Y. Punching apparatus. 2,378,608; June 19.
Wales, George F., Kenmore, N. Y. Apparatus for perforating sheet material. 2,380,485; July 31.
Wales, George F., Kenmore, N. Y. Perforating apparatus 2,381,476; Aug. 7.
Wales, George F., Kenmore, N. Y. Perforating apparatus and work placing device for same. 2,382,190; Aug. 14.
Wales, Lawrence B., Marblehead, Mass., assignor to General Electric Company. Prime mover governing mechanism. 2,373,621; Apr. 10.
Wales, Nathaniel B., assignor to Norman Bel Geddes, doing business as Norman Bel Geddes and Company, New York, N. Y. Wall cabinet. 2,382,354; Aug. 14.
Wales, Nathaniel B., assignor to N. Bel Geddes, doing business as Norman Bel Geddes and Company, New York, N. Y. Automatic toaster. 2,387,817; Oct. 30.
Wales-Strippit Corporation: *See*—
Kirsch, Frank K., assignor.
Walk-A-Chair Corporation: *See*—
Grady, Thomas R., assignor.
Walker, Alexander M.: *See*—
Rogers, R. M., and Walker.
Walker, Benjamin H., Port Richmond, Staten Island, N. Y. Detachable heel lift. 2,385,592; Sept. 25.
Walker, Brooks, Piedmont, Calif. Grenade thrower. 2,367,249; Jan. 16.
Walker, Brooks, Piedmont, Calif. Fireproof fuel tank system. 2,375,834; May 15.
Walker, Charles, assignor to L. C. Smith & Corona Typewriters, Inc., Syracuse, N. Y. Typewriting machine. 2,387,785; Oct. 30.
Walker, Charles, Syracuse, N. Y., and W. H. Wade, Washington, D. C., assignors to L. C. Smith & Corona Typewriters, Inc., Syracuse, N. Y. Typewriting machine. 2,369,695; Feb. 20.
Walker, Charles, Syracuse, N. Y., and W. H. Wade, Washington, D. C., assignors to L. C. Smith & Corona Typewriters, Inc., Syracuse, N. Y. Typewriting machine. 2,371,083; Mar. 6.
Walker, Charles, Syracuse, N. Y., and W. H. Wade, Washington, D. C., assignors to L. C. Smith & Corona Typewriters, Inc., Syracuse, N. Y. Printing machine. 2,379,941; July 10.
Walker, Charles R.: *See*—
Anapach, R. J., and Walker.
Krecek, J. A., and Walker.
Walker, Clarence H., San Mateo, Calif. Floral accessory. 2,390,858; Dec. 11.
Walker, Clinton L., Piedmont, Calif. Collapsible drilling tool. 2,375,335; May 8.
Walker, Crosweller & Company Limited: *See*—
Walker, Richard F., assignor.
Walker, Curtis: *See*—
Turchan, M., and Curtis.
Turchan, M., and Walker.
Walker, Edmund R.: *See*—
Worth, W. Walker, and Whitt.
Walker, Eric E.: *See*—
Cusa, N. W. Salkeld, and Walker.
Walker, Ernest, Winnipeg, Manitoba, Canada. Combination extension table and chair. 2,383,831; Aug. 28.
Walker, Frederick S., Bridgeport, Conn., assignor to Raybestos-Manhattan, Inc., Passaic, N. J. Friction material. 2,369,502; Feb. 13.
Walker, George D., Riveredge. C. E. Oulsnam, and F. Krysa, assignors to Colgate-Palmolive-Peet Company, Jersey City, N. J. Tube holder. 2,391,528; Dec. 25.
Walker, George E., Paoli, assignor to Warner Company, Philadelphia, Pa. Separating calcium values from magnesium values. 2,374,632; Apr. 24.
Walker, George L., Jersey City, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Torch. 2,372,305; Mar. 27.

Walker, Glen, Ogden, Utah, assignor to Steiner Sales Company, Chicago, Ill. Device for winding strips of fabric material. 2,379,204; June 26.
Walker, Godfrey B., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Heavy media separation process. 2,387,866; Oct. 30.
Walker, Harry H., and J. P. Mostyn, Lockport, Ill., assignors to The Texas Company, New York, N. Y. Regeneration of doctor solution. 2,366,680; Jan. 2.
Walker, Herbert W., Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Rubberlike polymeric materials and producing the same. 2,382,684; Aug. 14.
Walker, Hiram, & Sons Inc.: *See*—
Rodgers, C. H., and Neureuther, assignors.
Weiner, Lewis P., assignor.
Walker, Howard, Philadelphia, Pa. Brake mechanism. 2,389,096; Nov. 13.
Walker, James D., assignor to The American Well Works, Aurora, Ill. Decarbonization of water. 2,366,945; Jan. 9.
Walker, James D., assignor to The American Well Works, Aurora, Ill. Water purification system. 2,368,055; Jan. 23.
Walker, James D., Aurora, Ill., assignor to The American Well Works. Sewage screening apparatus. 2,379,615; July 3.
Walker, James D., assignor to The American Well Works, Aurora, Ill. Underdrain for filters and the like. 2,387,101; Oct. 16.
Walker, James D., assignor to The American Well Works, Aurora, Ill. Method and apparatus for treating sewage. 2,391,494; Dec. 25.
Walker, James L., Baytown, Tex., assignor to Standard Oil Development Company. Recovery of oil from contact clay. 2,378,813; June 19.
Walker, James L., Baytown, Tex., assignor to Standard Oil Development Company. Mixing device. 2,391,110; Dec. 18.
Walker, Jay P., assignor of forty per cent to G. O. Marchant, and sixty per cent to C. G. Wells, Tulsa, Okla. Desalting petroleum well fluids. 2,384,222; Sept. 4.
Walker, Jesse A.: *See*—
Coultas, W. J., Johnson, and Walker.
Walker, John M., Jr., Philadelphia, Pa., assignor to Selas Corporation of America. Filter. 2,376,739; May 22.
Walker, John V., assignor to Titan Tool Company, Fairview, Pa. Stud setting device. 2,390,034; Nov. 27.
Walker, Joseph B., Los Angeles, Calif. Camera. 2,387,546; Oct. 23.
Walker, Joseph F., Lewiston, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Reactions between organic nitrogen compounds and reaction products of formaldehyde with sulphamates. 2,369,503; Feb. 13.
Walker, Joseph F., Lewiston, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Formaldehyde polymers. 2,369,504; Feb. 13.
Walker, Joseph F., Lewiston, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polyglyoxal hydrate. 2,379,555; July 3.
Walker, Kenneth E.: *See*—
Woodhouse, J. C., and Walker.
Walker, Le Roy E., Mullen, Nebr. Fountain toothbrush. 2,371,936; Mar. 20.
Walker Manufacturing Company, Incorporated: *See*—
Osteen, Richard T., assignor.
Walker Manufacturing Company of Wisconsin: *See*—
Mizer, Joseph J., assignor.
Moss, Chester C., assignor.
Walker, Merle H., Ilion, N. Y., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Firearm. 2,383,356; Aug. 21.
Walker, O. S., Co. Inc.: *See*—
Gotha, Daniel F., assignor.
Walker, Orange C.: *See*—
Dorsett, W. C., Sperling, and Walker.
Walker, Prescott H.: *See*—
Ball, A. L., and Walker.
Walker, Richard A., St. Joseph, Mo. Draft regulating apparatus. 2,376,211; May 15.
Walker, Richard F., assignor to Walker, Crosweller & Company Limited, Cheltenham, England. Valve position indicator. 2,386,413; Oct. 9.
Walker, Robert O., New York, N. Y. Screen for the reception of projected images. 2,366,761; Jan. 9.
Walker, Russell T., Bremerton, Wash. Toy. 2,391,529; Dec. 25.
Walker, Thomas G., Nishnabotna, Mo., assignor of one-sixth to J. R. Bailey, one-sixth to G. W. Boettner, and one-sixth to G. I. Beasing, Rockport, Mo. Combination sweep rake, stacker, and loader. 2,371,273; Mar. 13.
Walker-Turner Co. Inc.: *See*—
Ocennasek, William F., assignor.
Walker, Victor, Fort Erie, Ontario, Canada, assignor to AlnCin, Inc., Buffalo, N. Y. Preparation of glass testing pieces. 2,367,704; Jan. 23.
Walker, Victor, Fort Erie, Ontario, Canada, assignor to Alncin, Inc., Buffalo, N. Y. Optical device. 2,370,214; Feb. 27.
Walker, Victor, Fort Erie, Canada, assignor to AlnCin, Inc., Buffalo, N. Y. Optical device and making same. 2,371,486; Mar. 13.
Walker, Victor, Fort Erie, Ontario, Canada, assignor to AlnCin, Inc., Buffalo, N. Y. Curved glass surface and manufacturing same. 2,372,535; Mar. 27.
Walker, Victor, Fort Erie, Ontario, Canada, assignor to AlnCin, Inc., Buffalo, N. Y. Producing optical surfaces and the like. 2,372,536; Mar. 27.
Walker, Victor, Fort Erie, Ontario, Canada, assignor to AlnCin, Inc., Buffalo, N. Y. Manufacturing optical lenses and the like. 2,390,404; Dec. 4.
Walker, Victor, Fort Erie, Ontario, Canada, assignor to AlnCin, Inc., Buffalo, N. Y. Processing barium containing glass stock to produce optical elements or the like. 2,390,405; Dec. 4.
Walker-Wallace, Incorporated: *See*—
Wetherby-Williams, Arthur V., assignor.
Walker, Warren R., Forest Hills, N. Y., assignor to General Electric Company. Sealed enclosure and sealing same. 2,380,811; July 31.
Walker, William S., Hope, assignor to Thos. Firth & John Brown Limited, Sheffield, Yorkshire, England. Apparatus for casting metal ingots. 2,377,732; June 5.
Wall, Alexander C., Indianapolis, Ind., assignor to General Electric Company. Gun charger. 2,389,943; Nov. 27.
Wall, George F.: *See*—
Scheg, M. A., and Wall.
Wall, Harry D., Pasadena, and P. B. Wall, Oakland; said H. D. Wall assignor to Rack's Inc., Pasadena, Calif. Combined oven tray and cooking rack. 2,376,640; May 22.
Wall, Howard M., Portland, Oreg., and F. J. Dohrer, Seattle, Wash.; said Dohrer assignor to said Wall. Apparatus for separating wood flour. 2,367,906; Jan. 23.
Wall, Preston B.: *See*—
Wall, Harry D., and P. B.
Wallace, Andrew H., Lockport, N. Y. Weed killer. 2,366,301; Jan. 2.
Wallace, Arthur F.: *See*—
Pell, P. S., and Wallace.
Wallace, Bert A., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Allotter. 2,370,335; Feb. 27.
Wallace, Bert A., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Watchman supervisory automatic telephone system. 2,379,556; July 3.
Wallace, Charles F., Westfield, assignor to Wallace & Tiernan Products, Inc., Belleville, N. J. Aneroid barometer movement. 2,368,905; Feb. 6
Wallace, Charles F., Westfield, assignor to Wallace & Tiernan Products, Inc., Belleville, N. J. Speed governor. 2,385,432; Sept. 25.
Wallace, Charles F., Westfield, assignor to Wallace & Tiernan Products, Inc., Belleville, N. J. Precise level determination apparatus. 2,386,643; Oct. 9.
Wallace, David A., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Flexible rubber mask. 2,371,859; Mar. 20.
Wallace, David A., Detroit, Mich. Ski harness. 2,381,793; Aug. 7.
Wallace, David A., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Submarine net. 2,383,095; Aug. 21.
Wallace, David A., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Boat. 2,384,981; Sept. 18.
Wallace, David A., R. E. Hewlett, and W. T. Wilbur, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Speed control for engines. 2,387,370; Oct. 23.
Wallace, De Loss D., Dayton, assignor to The Hobart Manufacturing Company, Troy, Ohio. Washing machine. 2,380,090; July 10.
Wallace, Earl J., Sheridan, Oreg. Portable protective armor device. 2,370,596; Feb. 27.
Wallace, Edgren C.: *See*—
Enslin, H. E., and Wallace.
Wallace, Edward H., Detroit, Mich., assignor to United States Rubber Company, New York, N. Y. Making molds. 2,388,776; Nov. 13.
Wallace, Frank B., Silver Spring, Md. Roofing installation and forming the same. 2,379,051; June 26.
Wallace, Frank C., Los Angeles, assignor, by mesne assignments, to H. H. Helbush, Beverly Hills, Calif. Clamp. 2,370,336; Feb. 27.
Wallace, Frank C., Los Angeles, assignor, by mesne assignments, to H. H. Helbush, Beverly Hills, Calif. Skin fastener. 2,370,337; Feb. 27.
Wallace, Frank C., North Hollywood, assignor to H. H. Helbush, Los Angeles, Calif. Clamp. 2,387,371; Oct. 23.
Wallace, Frank C., North Hollywood, assignor to Herman H. Helbush, Los Angeles, Calif. Clamp. 2,391,604; Dec. 25.
Wallace, Frank R., Bordentown, N. J., and H. O. Hedges, assignors to Tabor-Hedges Company, Philadelphia, Pa. Variable stroke fuel injector. 2,370,383; Feb. 27.
Wallace, Henry W., Freeport, N. Y. Vehicle. 2,371,368; Mar. 13.
Wallace, James M.: *See*—
Rawlins, H. L., and Wallace.

Wallace, John H., Los Angeles, Calif. Cycling automatic engine starter. 2,374,251; Apr. 24.

Wallace, John F., University Heights, assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Packing ring for shock absorbing struts. 2,385,045; Sept. 18.

Wallace, Joseph S., Hammond, Ind., and T. E. Sharp, assignors to Standard Oil Company, Chicago, Ill. Stabilization. 2,384,146; Sept. 4.

Wallace, Mac R., Winchester, Mass. Smoker's pipe. 2,377,983; June 12.

Wallace, Marcel, assignor, by mesne assignments, to himself, doing business as Panoramic Laboratories, New York, N. Y. Panoramic radio receiving system. 2,367,907; Jan. 23.

Wallace, Marcel, assignor, by mesne assignments, to himself, doing business as Panoramic Laboratories, New York, N. Y. Radio altimeter and panoramic reception system. 2,378,604; June 19.

Wallace, Marcel, New York, N. Y., and H. G. Miller, Belleville, N. J., assignors, by mesne assignments, to said Wallace, doing business as Panoramic Laboratories, New York, N. Y. Method and apparatus for simultaneous aural and panoramic radio reception. 2,381,940; Aug. 14.

Wallace, Milton S., assignor to Tacoma Tent and Awning Company, Tacoma, Wash. Pack frame and bag. 2,390,673; Dec. 11.

Wallace, Percy J.: *See*—
Halford, F. B., and Wallace.

Wallace, Philip B., Sr., San Francisco, Calif. Flange facing tool. 2,383,753; Aug. 28.

Wallace, Stanley, Chicago, and M. A. Blu, Riverside, assignors to Sears, Roebuck and Co., Chicago, Ill. Bicycle construction. 2,378,961; June 26.

Wallace & Tiernan Products, Inc.: *See*—
Booth, George M., assignor.
Booth, G. M., and Ballard, assignors.
Cubberley, Mitchell H., assignor.
MacKay, John R., assignor.
Marks, Henry C., assignor.
Reid, Ebenezer E., assignor.
Schmelkes, Franz C., assignor.
Schmelkes, F. C., and de Leeuw, assignors.
Wallace, Charles F., assignor.

Wallace, Walter E., assignor to Bell and Wallace Manufacturing Corporation, Richmond, Ind. Metal burial casket. 2,372,412; Mar. 27.

Wallach, Roger, Briarcliff Manor, N. Y., assignor, by mesne assignments, to American Viscose Corporation, Wilmington, Del. Producing potentially adhesive textile fibers. 2,379,264; June 26.

Wallach, Roger N., Briarcliff Manor, and J. Zender, Ardsley, N. Y., assignors to Sylvania Industrial Corporation, Fredericksburg, Va. Process and apparatus for treating fluid compositions. 2,386,826; Oct. 16.

Wallance, Donald A., Washington, D. C. Tent pole. 2,368,692; Feb. 6.

Wallden, Sven J.: *See*—
Fåhraeus, G. E., Lindblad and Wallden.

Walle, Norman F., Sr., Buffalo, H. M. Maynard, Snyder, and L. A. Kepler, Buffalo, N. Y., assignors to Curtiss-Wright Corporation. Gun firing interrupter. 2,378,670; June 19.

Wallene, Frank O., assignor to The Johnston & Jennings Company, Cleveland, Ohio. Grate mechanism for automatic stokers. 2,370,274; Feb. 27.

Waller, E. F., et al.: *See*—
Minto, Wallace L., assignor.

Waller, Fred, Huntington, assignor to The Vitarama Corporation, Long Island City, N. Y. Ratchet and pawl mechanism. 2,377,732; June 5.

Waller, Fred, Huntington, assignor to Kenyon Instrument Co., Inc., Long Island, N. Y. Batten. 2,378,877; June 19.

Waller, Percy H., et al.: *See*—
Williamson, Russell B., assignor.

Waller, Percy H., Evanston, Ill., assignor of one-half to C. C. Kirk. Case. 2,378,267; June 12.

Waller, Percy H., Wilmette, and E. B. Nottingham, Villa Park, assignors, by mesne assignments, of one-half to Waller and one-half to C. C. Kirk, Chicago, Ill. Container. 2,371,369; Mar. 13.

Wallerstein Company, Inc.: *See*—
Pfannmuller, J., Schade, and Schleich, assignors.

Wallerstein, James S., and R. T. Alba, New York, N. Y., and H. Farber, New Haven, Conn., assignors to The Overly Bio-Chemical Research Foundation, Inc., New York, N. Y. Purification of glycerol formed by fermentation. 2,366,990; Jan. 9.

Wallerstein, Leon, Jr., assignor to Lord Manufacturing Company, Erie, Pa. Brake controlling device. 2,370,597; Feb. 27.

Wallerstein, Leon, Jr., assignor to Lord Manufacturing Company, Erie, Pa. Fibration isolator. 2,376,317; May 15.

Wallerstein, Leon, Jr., assignor to Lord Manufacturing Company, Erie, Pa. Resilient mounting. 2,382,372; Aug. 14.

Walley, Herbert H., Jr., Newton, Mass., assignor to Stevenson Engineering Corporation. Swivel joint for fluid conduits. 2,377,196; May 29.

Walley, Omar C., Lima, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Regulating system. 2,367,981; Jan. 23.

Wallgren, August G. F., assignor to Aktiebolaget Bolinder-Munktell, Eskilstuna, Sweden. Cooler for engines. 2,368,732; Feb. 6.

Wallin, Loren, Wadesboro, N. C. Hypodermic syringe. 2,373,520; Apr. 10.

Wallingford, Vernon H., Ferguson and A. H. Homeyer, assignors to Mallinckrodt Chemical Works, St. Louis, Mo. Carbalkoxylation of organic compounds. 2,367,632; Jan. 16.

Wallingford, Vernon H., Ferguson, and A. H. Homeyer, assignors to Mallinckrodt Chemical Works, St. Louis, Mo. Carbalkoxylation of organic compounds. 2,376,837; May 22.

Wallingford, Vernon H., Ferguson, and A. H. Homeyer, assignors to Mallinckrodt Chemical Works, St. Louis, Mo. Metallation of beta keto esters. 2,391,530; Dec. 25.

Wallis, Albert E., and De W. H. West, Clydach, Swansea, England, assignors to The International Nickel Company, Inc., New York, N. Y. Precipitation of cobaltic hydroxide. 2,377,832; June 5.

Wallis, Albert E., and S. C. Townshend, Swansea, South Wales, assignors to The International Nickel Company, Inc., New York, N. Y. Production of iron carbonyl. 2,378,053; June 12.

Wallis, Barnes N., Weybridge, assignor to Vickers-Armstrongs Limited, Westminster, England. Aircraft structure. 2,387,219; Oct. 16.

Wallis, Barnes N., Weybridge, assignor to Vickers-Armstrongs Limited, Westminster, London, England. Range-finding apparatus. 2,388,197; Oct. 30.

Wallis, John S.: *See*—
Reagan, L. S., and Wallis.
Throckmorton, J. W., and Wallis.

Wallis, John S., Darien, and J. W. Throckmorton, Wilton, Conn., assignors to Petro-Chem Process Company, Incorporated. Apparatus for heating fluids. 2,372,991; Apr. 3.

Wallis, John S., Darien, and J. W. Throckmorton, Wilton, Conn., assignors to Petro-Chem Process Company, Incorporated, New York, N. Y. Waste heat boiler. 2,372,992; Apr. 3.

Wallis, John S., Darien, and J. W. Throckmorton, Wilton, Conn., assignors to Petro-Chem Process Company, Incorporated, New York, N. Y. Heater. 2,385,749; Sept. 25.

Wallis, Marvin E., Murray, Utah, assignor to Brucon Corporation. Vise. 2,387,102; Oct. 16.

Walliser, Robert E., Libertyville, Ill., assignor of one-third to T. S. Johnson, Irvington, N. Y., as trustee, one-third to W. F. Stahl, and one-third to A. Hanisch, Chicago, Ill. Rug. 2,371,199; Mar. 13.

Walls, William S., and M. R. Dean, Bartlesville, Okla., assignors to Phillips Petroleum Company. Separation of methylacetylene from C_4 hydrocarbons. 2,371,860; Mar. 20.

Walmesley, Robert A., Howwood, Scotland, assignor to Imperial Chemical Industries Limited. Recovery of glycerol from fermented liquors. 2,389,173; Nov. 20.

Walp, Charles F.: *See*—
Belshline, G. C., and Walp.

Walper, Curry O., Kitchener, Ontario, Canada. Footwear. 2,380,349; July 10.

Walpole, Horace E. C., Epsom, England. Safety device for ships' propeller shafts. 2,372,036; Mar. 20.

Walraven, George M.: *See*—
Larson, K. R., and Walraven.

Walsh, Bruce R., Wilkinsburg, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Apparatus for dry sump lubrication of engines. 2,373,360; Apr. 10.

Walsh, Edward R., and H. C. Ward, assignors to Frankfort Distilleries, Incorporated, Louisville, Ky. Conjoint bottle mouth and stopper. 2,367,908; Jan. 23.

Walsh, Frank P., St. Louis, Mo., assignor to Whiting Corporation, Harvey, Ill. Portable car washing apparatus. 2,390,017; Nov. 27.

Walsh, James A., West Haven, Conn. Inflatable life raft. 2,390,199; Dec. 4.

Walsh, James L.: *See*—
Watson, A. K., Lewis, and Walsh.

Walsh, John E., assignor to Self-Locking Carton Co., Chicago, Ill. Carton. 2,389,222; Nov. 20.

Walsh, John G.: *See*—
Bascom, H. M., Goddard, and Walsh.

Walsh, John G., Newark, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,368,056; Jan. 23.

Walsh, John G., Newark, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,374,964; May 1.

Walsh, Philip J., San Francisco, Calif. Electric control system. 2,368,953; Feb. 6.

Walsh, Ralph: *See*—
Martin, Earnest E., assignor.

Walsh, Samuel R., Valley Falls, and G. E. Repass, Pawtucket, R. I., assignors to H & B American Machine Company. Textile drawing mechanism. 2,370,598; Feb. 27.

Walsh, Thomas J.: *See*—
Burk, R. E., and Walsh.

Walsh, William L.: *See*—
Von Glahn, W. H., and Walsh.
Von Glahn, W. H., Walsh, and Streck.

Walter, Charles T.: *See*—
Newton, L. R., Haase, and Walter.

Walter, Charles T., assignor to Industrial Patents Corporation, Chicago, Ill. Apparatus for separating lean meat from fat tissue. 2,373,361; Apr. 10.

Walter, Charles T., assignor to Industrial Patents Corporation, Chicago, Ill. Sausage stuffing machine. 2,373,865; Apr. 17.

Walter, Charles T., assignor to Industrial Patents Corporation, Chicago, Ill. Filling machine. 2,376,838; May 22.

Walter, Charles T., assignor to Industrial Patents Corporation, Chicago, Ill. Sewing machine. 2,380,912; July 31.

Walter, Charles T., Chicago, Ill., assignor to Industrial Patents Corporation, Chicago, Ill. Soap molding machine. 2,385,322; Sept. 18.

Walter, Charles T., and L. R. Newton, assignors to Industrial Patents Corporation, Chicago, Ill. Sewing machine. 2,375,155; May 1.

Walter, Harold J., assignor to Uxbridge Worsted Co., Inc., Uxbridge, Mass. Dyeing woolen and other nitrogenous textile material. 2,387,200; Oct. 16.

Walter, Henry A., Columbia, Mo., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Thermosetting urea-formaldehyde composition. 2,373,362; Apr. 10.

Walter, Henry E., assignor to Wood Conversion Company, Cloquet, Minn. Manufacture of decorative surfaces. 2,369,092; Feb. 6.

Walter, Henry E., assignor to Wood Conversion Company, Cloquet, Minn. Manufacture of surface-hardened fiberboard. 2,375,450; May 8.

Walter, John M., assignor to The G. A. Gray Company, Cincinnati, Ohio. Machine tool table stop. 2,372,141; Mar. 20.

Walter, John M., assignor to The G. A. Gray Company, Cincinnati, Ohio. Machine tool guideway. 2,378,343; June 12.

Walter, John M., assignor to The G. A. Gray Company, Cincinnati, Ohio. Machine tool lubrication system. 2,383,357; Aug. 21.

Walter, Jules G.: *See*—
Cohn, S. and J., and Walter.
Cohn, S., and Walter.

Walter, Leo N., Oak Glenn, Ill. Digging implement. 2,371,563; Mar. 13.

Walter, Leo N., Oak Glenn, Ill. Heater construction. 2,391,111; Dec. 18.

Walter, Lewis A., East Orange, assignor to The Maltbie Chemical Company, Newark, N. J. Thiobarbituric acid derivatives and their salts. 2,388,024; Oct. 30.

Walter, Lewis A., and L. H. Goodson, East Orange, assignors to The Maltbie Chemical Company, Newark, N. J. Substituted barbituric acid derivatives and salts thereof, and producing the same. 2,368,335; Jan. 30.

Walter, Lewis A., and L. H. Goodson, East Orange, assignors to The Maltbie Chemical Company, Newark, N. J. Disubstituted thiobarbituric acid derivatives and salts thereof, and producing the same. 2,368,336; Jan. 30.

Walter, Lewis A., and L. H. Goodson, East Orange, assignors to The Maltbie Chemical Company, Newark, N. J. Substituted barbituric acids and salts thereof. 2,368,337; Jan. 30.

Walter, Lewis A., and L. H. Goodson, East Orange, assignors to The Maltbie Chemical Company, Newark, N. J. Substituted thiobarbituric acids and salts thereof. 2,368,338; Jan. 30.

Walter, Lewis A., and L. H. Goodson, East Orange, assignors to The Maltbie Chemical Company, Newark, N. J. α-chloroethyl sulphides and preparing the same. 2,388,025; Oct. 30.

Walter, Maurice, New York, N. Y. Tractor and lift trailer combination. 2,376,296; May 15.

Walter, Maurice, Atlantic Beach, N. Y. Transportable gun mount. 2,382,836; Aug. 14.

Walters, Erneat G.: *See*—
Fruth, H. F., Haas, and Walters.

Walters, Frank J., Cocoa, Fla. Landing and launching equipment for flying boats. 2,371,721; Mar. 20.

Walters, Frits, assignor to Detroit Tap and Tool Company, Detroit, Mich. Multiple thread milling cutter. 2,370,894; Mar. 6.

Walters, Leonard N., Tulsa, Okla. Spring winding tool. 2,367,320; Jan. 16.

Walters, Lewis, New York, N. Y. Package cutter. 2,376,887; May 29.

Walters, Oswald H., Runcorn, England, assignor to Imperial Chemical Industries Limited. Production of alkali metal percarbonates. 2,380,620; July 31.

Walthall, John H., near Sheffield, Ala., assignor to Tennessee Valley Authority. Production of alumina. 2,381,477; Aug. 7.

Waltham Watch Company: *See*—
Logan, Waldo R., assignor.
Sperry, A. B., Nazar, and Erwin, assignors.

Walther, George, near Dayton, and E. L. Miller, assignors to The Dayton Steel Foundry Company, Dayton, Ohio. Fifth wheel construction. 2,387,625; Oct. 23.

Walther, Lucian E., assignor to James N. Schlen, Los Angeles, Calif. Instant heater for liquids. 2,380,132; July 10.

Waltmann, Ernst: *See*—
Kaase, W., and Waltmann.

Waltmann, Ernst, and E. Wolf, Krefeld, Germany, assignors to Heberlein Patent Corporation, New York, N. Y. Rendering textiles water-repellent. 2,380,133; July 10.

Walton, Arthur K., and C. E. Chesser, assignors to Newark Stove Company, Newark, Ohio. Magazine feed solid fuel heater. 2,380,000; July 10.

Walton, Arthur L.: *See*—
Dixon, Fate, assignor.

Walton, Charles W.: *See*—
Borders, A. M., Wolfe, Osterhof, and Walton.

Walton, George H., Helsby, near Warrington, J. C. Quayle, Manley, Helsby, and P. Jones, Kelsall, near Chester, assignors to British Insulated Cables Limited, Prescot, England. Heat treatment of the insulating coverings of electric wires and cables. 2,374,515; Apr. 24.

Walton, George H., Helsby, near Warrington, J. C. Quayle, Manley, Helsby, and P. Jones, Kelsall, near Chester, assignors to British Insulated Cables Limited, Prescot, England. Heat treatment of the insulating coverings of electric wires and cables. 2,384,982; Sept. 18.

Walton, George M., Shaker Heights, assignor to Air-Maze Corporation, Cleveland, Ohio. Oil separator. 2,391,208; Dec. 18.

Walton, Lewis E., West Lawn, Pa. Combination rubber die. 2,375,599; May 8.

Walton, Milford T., Peoria, Ill., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Production of riboflavin by butyl alcohol producing bacteria. 2,368,074; Jan. 23.

Walton, Richard R., Cambridge, Mass., assignor of one-half to Container Corporation of America, Chicago, Ill., and one-half to Dewey and Almy Chemical Company, Cambridge, Mass. Package filling machine. 2,368,624; Feb. 6.

Walton, Robert O., assignor to Merla Tool Corporation, Dallas, Tex. Well flow device. 2,385,316; Sept. 18.

Walton, Robert O., assignor to Merla Tool Corporation, Dallas, Tex. Well flow device. 2,391,605; Dec. 25.

Walworth Patents, Inc.: *See*—
Mattimore, John D., assignor.

Wampler, Roy W.: *See*—
Knight, M., Wampler and Armer.

Wampner, Herbert L., Burlingame, Calif., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Astringent preparations. 2,368,075; Jan. 23.

Wanamaker, Elmer M., Knoxville, Tenn., R. H. Cromwell, East Orange, N. J., and H. L. Chamberlain, assignors to Electro Manganese Corporation, Knoxville, Tenn. Ore reduction apparatus. 2,384,862; Sept. 18.

Wanderer, Frederick W., Penns Grove, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Washing and drying coagula of rubber and similar materials. 2,371,722; Mar. 20.

Wandscheer, Evert, Sioux Center, Iowa. Snow plow. 2,387,959; Oct. 30.

Wandscheer, Joseph, Sioux Center, Iowa. Snow plow. 2,381,017; Aug. 7.

Wanelik, John, Clifton, assignor to M. J. Maguth & Son Machine Works, Carlstadt, N. J. Boring bar. 2,369,875; Feb. 20.

Wanezek, Anthony R.: *See*—
Bagan, John P., assignor.

Wann, Richard H.: *See*—
Roberts, Vernon L., assignor.

Wanner, Joseph W., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Plating fixture. 2,367,909; Jan. 23.

Wanaker, Harry A., Newtonville, Mass. Tubular container. 2,367,705; Jan. 23.

Wansker, Harry A., Newtonville, Mass. Method and apparatus for producing collapsible paperboard bodies for tubular containers. 2,376,839; May 22.

Wantz, Clarence, assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Combined thermoelectric safety shutoff device and cock. 2,372,537; Mar. 27.

Wantz, Clarence, and C. E. Hajny, assignors to Milwaukee Gas Specialty Company, Milwaukee, Wis. Turret lathe. 2,379,123; June 26.

War, United States of America, as represented by the Secretary of: *See*—
Anderson, Nelson F., assignor.
Eyler, Lawrence J., assignor.
Garand, John C., assignor.
Hale, F. B., and Gaines, assignors.
Hallock, Eugene D., assignor.
Jennings, B. H., and Bigg, assignors.
McNish, Alvin G., assignor.
Nickerson, John L., assignor.
Richter, Curt P., assignor.
Schreiber, R. P., and Lee, assignors.
Sherwin, Chalmers W., assignor.
Tweeddale, John, assignor.
Winer, Ephraim and A., assignors.

Waranch, Theodore, assignor to The Comfy Manufacturing Company, Baltimore, Md. Slip cover. 2,373,071; Apr. 3.

Warburton, Fred, assignor to Cable and Wireless Limited, London, England. Telegraph apparatus. 2,371,367; Mar. 13.

Ward, Alger L., Bala-Cynwyd, Pa., assignor to The United Gas Improvement Company. Converting dicyclopentadiene to cyclopentadiene. 2,372,237; Mar. 27.

Ward, Alger L., Bala-Cynwyd, Pa., assignor to The United Gas Improvement Company. Liquid coating composition. 2,373,866; Apr. 17.

Ward, Alger L., Bala-Cynwyd, Pa., assignor to The United Gas Improvement Company. Chemical process and product. 2,388,583; Nov. 6.

Ward, Alger L., Bala-Cynwyd, Pa., assignor to The United Gas Improvement Company. Chemical process and product. 2,388,584; Nov. 6.

Ward, Alger L., Drexel Hill, Pa., assignor to The United Gas Improvement Company. Synthetic hydrocarbon resins and making the same. 2,373,725; Apr. 17.

Ward, Alger L., Drexel Hill, Pa., assignor to The United Gas Improvement Company. Liquid coating compositions, coated objects, and processes for making same. 2,387,626; Oct. 23.

Ward, Ashley F., Cincinnati, Ohio. Baking pan. 2,391,660; Dec. 25.

Ward Baking Company: *See*—
Burdett, A. W., Tannous, and Tolley, assignors.
Wennmann, William, assignor.

Ward, Clemson H., Baltimore, Md., assignor to Bethlehem Steel Company. Apparatus for electrolytic galvanizing of sheets. 2,384,660; Sept. 11.

Ward, D. W., et al.: *See*—
Gaffey, Edgar W., assignor.

Ward, Delbert J.: *See*—
Rechton, G. D., Ward, and Watson.

Ward, Earl M., Los Angeles, assignor of 25 percent to G. C. Sullivan, Hollywood, Calif. Fuel injection device. 2,371,787; Mar. 20.

Ward, Eugene B., West Springfield, Mass. Footwear. 2,370,275; Feb. 27.

Ward, George C., Ventura, Calif. Light visor. 2,385,557; Sept. 25.

Ward, George L., Northwood, assignor to Standard Telephones and Cables Limited, London, England. Electric soldering apparatus. 2,385,118; Sept. 18.

Ward, Harold K., Beaverton, I. W. Skillings, Portland, and W. S. Brown, Oregon City, Oreg. Pneumatic launching ram. 2,370,431; Feb. 27.

Ward, Harry C.: *See*—
Walsh, E. R., and Ward.

Ward, James L., Inglewood, Calif. Lawn mower sharpener. 2,377,984; June 12.

Ward, Lawrence T., Philadelphia, Pa., assignor to Knapp-Monarch Company, St. Louis, Mo. Dispensing faucet. 2,367,077; Jan. 9.

Ward, Lawrence T., Philadelphia, Pa., assignor to Knapp-Monarch Company, St. Louis, Mo. Dispensing faucet. 2,388,026; Oct. 30.

Ward Leonard Electric Company: *See*—
Kouyoumjian, Harountium K., assignor.
Logan, Frank G., assignor.
Stapleton, George M., assignor.

Ward, Loyd A., assignor to Tomkins-Johnson Company, Jackson, Mich. Remote control valve. 2,369,505; Feb. 13.

Ward Products Corporation, The: *See*—
Ludwig, Sidney, assignor.

Ward, Robert N., Royal Oak, assignor to Ternstedt Manufacturing Company, Detroit, Mich. Electrical coincidental locking system for automobiles. 2,371,370; Mar. 13.

Ward, Royal V., San Bernardino, Calif. Sifting apparatus. 2,384,715; Sept. 11.

Warde, Robert H.: *See*—
Gillmore, K. B., and Warde.

Warden, Frederick W.: *See*—
McWhirter, E. M. S., Dunn, Chambers, and Warden.

Ware, Harris O., Kalamazoo, Mich., assignor to Hercules Powder Company, Wilmington, Del. Aqueous soybean protein compositions. 2,385,240; Sept. 18.

Ware Shoals Manufacturing Co.: *See*—
Hunt, John O., assignor.

Waring, Charles E.: *See*—
Cook, S. V., and Waring.
Gaugler, R. S., and Waring, assignors.

Waring, Eugene H., Los Angeles, assignor to Western Plastics, Incorporated, Glendale, Calif. Boat construction. 2,381,631; Aug. 7.

Waring, Robert K.: *See*—
Wagner, I. D., Fetterolf, Waring, and Mahler.

Wark, Robert: *See*—
Barker, S. N., Selman, Bull, Marten-Gwilliam, Wark, and Thomson.

Warlick, Frank: *See*—
Wertman, D., and Warlick.

Warmisham, Arthur, Leicester, England. Optical objective. 2,379,392; June 26.

Warmisham, Arthur, assignor to Taylor, Taylor & Hobson Limited, Leicester, England. Optical objective. 2,366,661; Jan. 2.

Warmisham, Arthur, assignor to Taylor, Taylor & Hobson Limited, Leicester, England. Optical system. 2,380,887; July 31.

Warmisham, Arthur, assignor to Taylor, Taylor & Hobson Limited, Leicester, England. Optical objective. 2,380,888; July 31.

Warmisham, Arthur, assignor to Taylor, Taylor & Hobson Limited, Leicester, England. Optical objective. 2,391,209; Dec. 18.

Warmisham, Arthur, and C. G. Wynne, assignors to Kapella Limited, Leicester, England. Optical objective. 2,391,210; Dec. 18.

Warnat, Kurt, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Colorless, aqueous solution of vitamin-K-active compounds and manufacture of same. 2,380,621; July 31.

Warnat, Kurt, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Preparing purified calcium pantothenate. 2,389,097; Nov. 13.

Warner Aircraft Corporation, The: *See*—
Majneri, L. A., and Wiseman, assignors.

Warner Bros. Pictures, Inc: *See*—
Haskin, Byron C., assignor.
Tondreau, Albert W., assignor.

Warner Company: *See*—
Walker, George E., assignor.

Warner, Donald F., Swampscott, Mass., assignor to General Electric Company. Cabin supercharger arrangements. 2,385,664; Sept. 25.

Warner, Douglas K., Sarasota, Fla. Crankshaft. 2,377,833; June 5.

Warner, Douglas K., Sarasota, Fla. Air entrainment propulsion method in craft supported chiefly by air pressure. 2,387,627; Oct. 23.

Warner, Douglas K., Sarasota, Fla. Compression airplane. 2,390,859; Dec. 11.

Warner Electric Brake Manufacturing Company: *See*—
Born, F. G., and Oetzel, assignors.
Oetzel, John G., assignor.

Warner, Harry C., assignor to American Inventions, Inc., San Francisco, Calif. Dispensing and vending system. 2,384,863; Sept. 18.

Warner, John G.: *See*—
Ewing, J. J., Secor, and Warner.

Warner Manufacturing Company: *See*—
Warner, Thomas W., Jr., assignor.

Warner, Maurice L., Jersey City, assignor, by mesne assignments, to Savory Equipment, Inc., Newark, N. J. Automatic toasting apparatus. 2,371,084; Mar. 6.

Warner, Rollin C., New York, N. Y. Safety razor. 2,391,606; Dec. 25.

Warner, Stanley F., Forest Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Pulse controlling apparatus. 2,386,760; Oct. 16.

Warner & Swasey Company, The: *See*—
Bogart, Fred H., assignor.
Goetze, Max G., assignor.

Warner, Thomas E., Revelstoke, British Columbia, Canada. Tow bar. 2,370,926; Mar. 6.

Warner, Thomas W., Jr., Los Angeles, assignor to Warner Manufacturing Company, Glendale, Calif. Making closure members. 2,388,375; Nov. 6.

Warner, Wilbur W.: *See*—
Suhr, F. W., and Warner.

Warner, Wilbur W., Fort Wayne, Ind., assignor to General Electric Company. Quick reversing motor. 2,367,982; Jan. 23.

Warner, William R., & Company, Inc.: *See*—
Martin, G. J., and Thompson, assignors.
Robinson, Joseph, assignor.

Warp, Harold, Chicago, Ill. Light deflector screen and making the same. 2,366,224; Jan. 2.

Warren, Charles F., assignor to Hydraulic Impact Tool Company, Milwaukee, Wis. Thread dispensing device. 2,370,699; Mar. 6.

Warren, Charles J., Cincinnati, Ohio. Vending machine. 2,370,276; Feb. 27.

Warren, Charles W.: *See*—
Landay, H. J., and Warren.

Warren, Charles W., North Plainfield, N. J. Variable arc rotary actuator. 2,382,925; Aug. 14.

Warren Featherbone Co., The: *See*—
Chamberlain, Frederic W., assignor.
Chamberlain, Lydia, assignor.

Warren, Frederick A., Atlanta, Ga. Fitting for plumbing systems. 2,379,669; July 3.

Warren, Frederick C., Los Angeles, Calif. Self-lubricating bearing and bell crank. 2,369,421; Feb. 13.

Warren, George E., Bristol, Pa., assignor of one-half to A. W. Dunning, Springfield, Mass. Ammunition link. 2,366,887; Jan. 9.

Warren, Glenn B., Niskayuna, N. Y., assignor to General Electric Company. Elastic fluid turbine arrangement. 2,376,212; May 15.

Warren, Glenn B., Niskayuna, N. Y., assignor to General Electric Company. Elastic fluid turbine. 2,379,770; July 3.

Warren, Glenn B., Schenectady, N. Y., assignor to General Electric Company. Welded structure. 2,380,276; July 10.

Warren, Henry E., Ashland, Mass. Balanced valve. 2,391,531; Dec. 25.

Warren, Hugh W., Derita, N. C. Pallet. 2,377,911; June 12.

Warren, John B., Jr., Houston, Tex. Specific gravity indicator for drilling mud. 2,373,795; Apr. 17.

Warren, Marie E.: *See*—
Benton, Dudley C., assignor.

Warren, Richard F., Jr.: *See*—
Lashar, Walter B., assignor.

Warren, Richard F., Jr., Stratford, Conn. Inorganic fibre rope. 2,369,876; Feb. 20.

Warren, Richard F., Jr., Stratford, Conn. Lubricated rope. 2,372,142; Mar. 20.

Warren, Richard F., Jr., Stratford, Conn. Rope. 2,372,868; Apr. 3.

Warren, Richard F., Jr., Stratford, Conn. Luminous rope. 2,382,355; Aug. 14.

Warren, Richard F., Jr., Stratford, Conn. Lock nut. 2,390,759; Dec. 11.

Warren, S. D., Company: *See*—
Goff, L. O., and Frost, assignors.
Osgood, Harry W., Jr., assignor.
Woodward, F. C., assignor.

Warren, Stafford L.: *See*—
Strain, W. H., Platt, and Warren.

Warren, Wallace H., Gering, Nebr. Compressed air operated rotary tool. 2,382,591; Aug. 14.

Warren, William B., assignor to Fisher Scientific Company, Pittsburgh, Pa. Safety tongs. 2,384,408; Sept. 4.

Warrick, Earl L.: *See*—
McGregor, R. R., and Warrick.

Warrick, Halsted R., Teaneck, N. J., assignor to The Texas Company, New York, N. Y. Manufacture of motor fuel. 2,382,117; Aug. 14.

Warrick, Ray W., Crozet, Va. Vaporizing manifold for internal-combustion engines. 2,378,344; June 12.

Warrington, Albert R. Van C., Wallingford, Pa., assignor to General Electric Company. Protective apparatus. 2,378,268; June 12.

Warrington, Albert R. van C., Wallingford, Pa., assignor to General Electric Company. Protective apparatus. 2,381,375; Aug. 7.

Warshaw, Howard D., Philadelphia, Pa. Remote indicating system. 2,368,278; Jan. 30.

Warth, Albin H.: *See*—
Grabus, A. P., Jr., and Warth.

Warth, Albin H., and E. Lidard, assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Making caps. 2,367,250; Jan. 16.

Warth, Albin H., and W. C. Rainer, assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Container. 2,378,521; June 19.

Warth, Albin H., and P. Grabus, Jr., assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Cork composition and products made therefrom. 2,383,096; Aug. 21.

Warwick, Charles W., assignor to Packard Motor Car Company, Detroit, Mich. Electrical device. 2,385,665; Sept. 25.

Warwick Chemical Company: *See*—
Pingree, Raymond A., assignor.

Warwick, Edwin M.: *See*—
MacDonald, Raymond E., assignor.

Wascher, William H., Flint, Mich. Reinforced concrete post. 2,378,814; June 19.

Waseige, Charles R., Saint-Etienne, Loire, France; vested in the Alien Property Custodian. Polyengine bipropeller drive. 2,380,889; July 31.

Waseige, Charles R., Rueil, Seine-et-Oise, France; vested in the Alien Property Custodian. Flywheel starter for aircraft engines. 2,381,018; Aug. 7.

Waseige, Charles R., Rueil, France; vested in the Alien Property Custodian. Retractable tail landing gear for aircraft. 2,387,628; Oct. 23.

Waseige, Charles R., Saint-Etienne, Loire, France; vested in the Alien Property Custodian. Rotary vane pump. 2,387,629; Oct. 23.

Wasem, Jacques, Veyrier, Switzerland. Pedal drive. 2,391,809; Dec. 25.

Wash, George: *See*—
Cato, A. Q., Wash, and Shmidl.

Washam, Patrick H., Jr., Pittsburgh, Pa. Support for coiled strip. 2,369,093; Feb. 6.

Washburn, Edward N., Bartlesville, Okla., assignor to Phillips Petroleum Company. Rotary jet gun. 2,382,685; Aug. 14.

Washburn, Harold W., assignor to Consolidated Engineering Corporation, Pasadena, Calif. Mass spectrometry. 2,378,962; June 26.

Washburn, Harold W., assignor to Consolidated Engineering Corporation, Pasadena, Calif. Analytical system. 2,387,786; Oct. 30.

Washington Institute of Technology, Inc.: *See*—
Pear, Charles B., Jr., assignor.

Wasserman, Sidney: *See*—
Gold, R. H., and Wasserman.

Wassman, August H., assignor to Carter Carburetor Corporation, St. Louis, Mo. Turbulence producing valve. 2,383,697; Aug. 28.

Wassom, Mason E.: *See*—
Denison, M. C., and Wassom.

Wasson, Clifford H.: *See*—
Neer, H. L., Wasson, and Neer.

Wasson, Loerwood C., Wauwatosa, assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Thermal expansion responsive control. 2,379,124; June 26.

Watchemoket Optical Co., Inc.: *See*—
Stevenson, Walter J., assignor.

Waterbury Companies, Incorporated: *See*—
Reibold, W. F., and Magnenat, assignors.

Waterman, Arthur E., assignor to James Manufacturing Company, Fort Atkinson, Wis. Temperature controlling device for incubators. 2,376,641; May 22.

Waterman, Arthur E., and F. J. Kreutzer, assignors to James Manufacturing Company, Fort Atkinson, Wis. Knockdown ventilator. 2,376,642; May 22.

Waterman, William: *See*—
Sacchini, C. R., and Waterman.

Waterous Company: *See*—
Boyles, R. R., and Wilhelm, assignors.
Wilhelm, Edward A., assignor.

Waters, Andrew S., assignor of one-half to J. Shorter, Dallas, Tex. Bottle reclaiming machine. 2,373,932; Apr. 17.

Waters, Charles D., assignor to Automotive Products Company Limited, Leamington Spa, England. Retractable undercarriage for aircraft. 2,374,146; Apr. 17.

Waters, Daniel Y., Flemington, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for handling articles. 2,371,085; Mar. 6.

Waters, Harold A., and C. Meadows, Columbus, assignors to The Sherwin-Williams Company, Cleveland, Ohio. Insecticidal treatment of cotton plants. 2,376,749; May 22.

Waters, Harry F., New York, N. Y. Making containers and products thereof. 2,367,477; Jan. 16.

Waters, Harry F., New York, N. Y. Preserving cooked foods. 2,389,765; Feb. 20.

Waters, Harry F., New York, N. Y. Fluid-tight packaging. 2,374,793; May 1.

Waters, Harry F., New York, N. Y. Wheel. 2,377,531; June 5.

Waters, Harry F., New York, N. Y. Fabricating collapsible tubes. 2,377,532; June 5.

Waters, Harry F., New York, N. Y. Container. 2,377,533; June 5.

Waters, Harry F., New York, N. Y. Preserving foods in flexible-walled fluid-tight bags. 2,380,134; July 10.

Waters, Harry F., New York, N. Y. Continuous filling and packaging machine. 2,385,897; Oct. 2.

Waters, Harry F., New York, N. Y. Snap-down bottom, flat-folded paperboard container. 2,385,898; Oct. 2.

Waters, John L., assignor to Salem Steel & Supply Company, Salem, Oreg. Motorized hand truck. 2,377,389; June 5.

Waters, Marshall A., Chicago, Ill.; M. S. Waters, executrix of said M. A. Waters, deceased. Web synchronizing device. 2,375,451; May 8.

Waters, Mitzi S., executrix: *See*—
Waters, Marshall A.

Waters, Vern S., Minneapolis, Minn., assignor to General Mills, Inc. Preparation of glutamic acid hydrochloride. 2,380,890; July 31.

Watkins, Alexander E., and W. H. Easterford, Los Angeles, Calif. Clothes hanger. 2,391,661; Dec. 25.

Watkins, Bruce O., Brentwood, Mo., and J. F. Atkinson, Cambridge, Mass. Circuit disconnecting device. 2,387,372; Oct. 23.

Watkins, Bruce O., Brentwood, Mo., and J. F. Atkinson, Cambridge, Mass. Circuit disconnecting device. 2,387,373; Oct. 23.

Watkins, Franklin M.: *See*—
Herlocker, R. D., Kleinholz, and Watkins.
Wayo, S. J., and Watkins.

Watkins, George B., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Multiple glazing unit and mounting therefor. 2,369,382; Feb. 13.

Watkins, George B., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Laminated glass structure and producing the same. 2,374,056; Apr. 17.

Watkins, George B., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Laminated glass structure and producing the same. 2,374,057; Apr. 17.

Watkins, George B., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Treating plastic sheeting. 2,375,396; May 8.

Watkins, George B., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Multiple glazing unit and mounting therefor. 2,381,194; Aug. 7.

Watkins, Raymond L., Paducah, Ky. First-aid kit. 2,377,117; May 29.

Watkins Soda Fountain Corp: *See*—
Palmieri, Libero, assignor.

Watkins, Walter T., Jr.: *See*—
McNab, J. G., and Watkins.

Watkins, Wilfrid W., Helensburgh, Scotland. Apparatus for marking or cutting pipes. 2,389,286; Nov. 20.

Watkins, William W., Buffalo, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polyamide solutions. 2,377,985; June 12.

Watkins, William W., Buffalo, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of polyamide structures. 2,379,557; July 3.

Watnick, Morris, Brooklyn, N. Y. Radiator enclosure. 2,386,414; Oct. 9.

Watrobski, Raymond J., Scotia, N. Y., assignor to General Electric Company. Crystal mounting. 2,385,666; Sept. 25.

Watrous, Ward W., Jr., Chatham, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Thermionic device and fabrication. 2,372,037; Mar. 20.

Watrous, Ward W., Jr., Chatham, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electron discharge device. 2,381,632; Aug. 7.

Watson, Alfred J. G., Beccles, England. Grab. 2,372,347; Mar 27.

Watson, Arthur K., New Canaan, Conn., W. L. Lewis, Binghamton, N. Y., and J. L. Walsh, Washington, D. C., assignors to International Business Machines Corporation, New York, N. Y. Mobile accounting device. 2,390,479; Dec. 4.

Watson, Charles E., assignor to Bird-White Corporation, Chicago, Ill. Portable hoist. 2,378,605; June 19.

Watson, Claude W., Tuckahoe, assignor, by mesne assignments, to The Texas Company, New York, N. Y. Isomerization of hydrocarbons 2,368,723; Feb. 6.

Watson, Earl C., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Regulating system. 2,367,983; Jan. 23.

Watson, Edward D., and R. A. L. Edmonds, Beeston, England; said Edmonds assignor to said Watson. Hypodermic injector. 2,371,086; Mar. 6.

Watson, Edward F., Larchmont, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Start-stop regenerative telegraph repeater. 2,367,910; Jan. 23.

Watson, George R., Waukegan, Ill., assignor to Bucyrus-Erie Company, South Milwaukee, Wis. Tool guide for cable tool drills. 2,386,281; Oct. 9.

Watson, Harold D., Beloit, Wis. Toilet seat and cover hinge. 2,366,762: Jan. 9.

Watson, Harold D., Beloit, Wis. Plastic toilet seat hinge. 2,371,200; Mar. 13.

Watson, Jack H.: *See*—
Rechton, G. D., Ward, and Watson.

Watson, James A., Jr., Silver Spring, Md. Transport vehicle. 2,380,562; July 31.

Watson, John E., Detroit, and K. A. Binder, assignors to Ford Motor Company, Dearborn, Mich. Phenol-formaldehyde resin. 2,376,218; May 15.

Watson, John E., Westport, Conn., and C. B. McBride, Port Chester, N. Y., assignors to Prat-Daniel Corporation, East Port Chester, Conn. Dust sampler. 2,386,282; Oct. 9.

Watson, Orla E., Kansas City, Mo. Injector operating means. 2,389,475; Nov. 20.

Watson, Philip R.: *See*—
Page, G. A., Jr., Jerger, Rugge, and Watson.

Watson, Robert L., McKeesport, Pa. Mold. 2,379,616; July 3.

Watson, Roger W.: *See*—
Gaynor, J. W., White, and Watson.
Rhodes, H. D., and Watson.

Watson, Sydney C., trustee, et al.: *See*—
Watson, Sydney C., assignor.

Watson, Sydney C., Chicago, Ill., assignor to Tor-Vel Associates, having as trustees S. C. Watson and A. J. Parcelle. Variable-speed transmission. 2,371,371; Mar. 13.

Watson, Sydney C., Chicago, Ill., assignor to Tor-Vel Associates, having as trustees S. C. Watson and A. J. Parcelle. Gear generator. 2,378,963; June 26.

Watson, Talmage E., Simsboro, La. Golf target. 2,374,906; May 1.

Watson, Thomas J., New Canaan, Conn., assignor to International Business Machines Corporation, New York, N. Y. Lectern. 2,388,353; Nov. 6.

Watson, Thomas J., New Canaan, and B. H. Phillips, Endicott, assignors to International Business Machines Corporation, New York, N. Y. Filing system. 2,386,520; Oct. 9.

Watson, Thomas S., assignor to Huebsch Manufacturing Company, Milwaukee, Wis. Laundry extractor. 2,372,753; Apr. 3.

Watson, Thomas S., assignor to Huebsch Manufacturing Company, Milwaukee, Wis. Laundry holder. 2,378,606; June 19.

Watson, Waldon O., North Hollywood, Calif., assignor to Radio Corporation of America. Film marking and mark indicating system. 2,379,505; July 3.

Watson, William U., Chicago, Ill. Clamp support for flag staffs. 2,390,760; Dec. 11.

Watson-Williams Manufacturing Company: *See*—
Goff, H. E., and Daboll, assignors.

Watt, Burton L., Marquette, Mich., and C. F. Osgood, Jr., Hoboken, N. J., assignors to General Strapping Corporation, New York, N. Y. Band tightening and sealing tool. 2,386,153; Oct. 2.

Watt Car & Wheel Company, The: *See*—
Edgar, Robert L., assignor.

Watt, Colin S., Buffalo, N. Y. Driving mechanism for vehicles. 2,383,754; Aug. 28.

Watt, George W., Austin, Tex., assignor to Wingfoot Corporation, Akron, Ohio. Vulcanizing rubber. 2,378,269; June 12.

Watt, George W., Austin, Tex., assignor to Wingfoot Corporation, Akron, Ohio. Accelerators. 2,382,624; Aug. 14.

Watt, Percy G., Palmerston, Ontario, Canada. Dentifrice and toothbrush container. 2,391,371; Dec. 18.

Wattebot, Louis E., London, N.W. 9, assignor to Solex Limited, London, England. Gauging apparatus. 2,375,600; May 8.

Wattendorf, Frank L., Dayton, Ohio. Axial flow fan and compressor. 2,384,000; Sept. 4.

Watter, Michael, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Airfoil nose construction. 2,372,143; Mar. 20.

Watter, Michael, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Empennage construction and mounting. 2,378,885; June 19.

Watter, Michael, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Hinge support. 2,380,091; July 10.

Watter, Michael, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Applying metallic skins to metallic structures. 2,382,356; Aug. 14.

Watter, Michael, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Metallic skin-covered structure. 2,382,357; Aug. 14.

Watter, Michael, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Stressed skin airfoil joint. 2,382,358; Aug. 14.

Watter, Michael, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Load-carrying member. 2,382,635; Aug. 14.

Watter, Michael, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Aircraft structure. 2,382,950; Aug. 14.

Watter, Michael, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Airplane seat. 2,383,173; Aug. 21.

Watter, Michael, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Main frame structure for airfoils or the like. 2,383,634; Aug. 28.

Watter, Michael, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Airfoil structure for aircraft. 2,384,409; Sept. 4.

Watter, Michael, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Making aircraft structures. 2,386,018; Oct. 2.

Watter, Michael, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Truss structure and parts thereof. 2,386,019; Oct. 2.

Watter, Michael, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Airfoil construction. 2,386,170; Oct. 2.

Watter, Michael, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Automatic flap control. 2,386,521; Oct. 9.

Watter, Michael, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Airfoil construction. 2,386,522; Oct. 9.

Watter, Michael, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Sleeve bolt. 2,386,729; Oct. 9.

Watter, Michael, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Aircraft structure. 2,390,761; Dec. 11.

Watter, Michael, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Aircraft structure. 2,391,662; Dec. 25.

Watter, Michael, and G. W. Pancoe, assignors to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Airfoil tip construction. 2,383,635; Aug. 28.

Watters, Edward C., Silver Spring, Md. Fluid dispensing device. 2,387,374; Oct. 23.

Watts, Chester B., Jr., East Orange, N. J., assignor to Federal Telephone and Radio Corporation. Modulation system. 2,368,693; Feb. 6.

Watts, Chester B., Jr., East Orange, N. J., assignor to Federal Telephone and Radio Corporation. Coupling device. 2,368,694; Feb. 6.

Watts, George L., Flint, Mich. Armored garment. 2,373,726; Apr. 17.

Watts, George W.: *See*—
Voorhees, V., and Watts.

Watts, George W., Flossmoor, assignor to Standard Oil Company, Chicago, Ill. Catalytic hydrocarbon conversion system. 2,377,657; June 5.

Watts, George W., Flossmoor, assignor to Standard Oil Company, Chicago, Ill. Handling powdered solids. 2,378,607; June 19.

Watts, Oscar A., French Settlement, La. Child's swing. 2,377,058; May 29.

Watts, Raymond, assignor to American Steel Foundries, Chicago, Ill. Brake rotor. 2,369,328; Feb. 13.

Watts, Rhea N.: *See*—
Spicer, W. E., and Watts.

Watts, Roy T.: *See*—
Knight, F. H., and Watts.

Watzel, Rudolf: *See*—
Rudy, H., and Watzel.

Waugh Equipment Company: *See*—
Dilg, Walter C., assignor.

Wawzonek, Joseph: *See*—
St. Pierre, E., and Wawzonek.

Wawzonek, Joseph, assignor to Hemphill Company, Central Falls, R. I. Pattern drum operating mechanism. 2,382,757; Aug. 14.

Wawzonek, Joseph, Central Falls, and E. St. Pierre, Pawtucket, assignors to Hemphill Company, Central Falls, R. I. Crankshaft. 2,374,907; May 1.

Way, Kenneth J., Long Branch, N. J. Communication system. 2,377,912; June 12.

Way, Milton T., Port Chester, N. Y., and C. P. Wolff, Glen Rock, N. J. Heater. 2,383,924; Aug. 28.

Wayne Pump Company, The: *See*—
Hinds, Sherwood, assignor.
Jauch, R. J., and Hinds, assignors.

Wayne, Truman B., Houston, Tex. Treatment of drilling fluids. 2,367,694; Oct. 23.

Wayo, Stephen J., Whiting, Ind., and F. M. Watkins, Chicago, Ill., assignors to Sinclair Refining Company, New York, N. Y. Preparation of capryl salicylate. 2,380,563; July 31.

Weakley, John F., assignor to Carter Carburetor Corporation, St. Louis, Mo. Sealing connector terminal. 2,378,630; Oct. 23.

Wean Engineering Company, Inc.: *See*—
Wean, Raymond J., assignor.

Wean Engineering Company, Inc., The: *See*—
Keller, John D., assignor.

Wean, Raymond J., assignor to The Wean Engineering Company, Inc., Warren, Ohio. Method and apparatus for rolling strip. 2,370,895; Mar. 6.

Weatherup, Robert A., Jacksonville, Fla. Gasoline engine. 2,388,452; Nov. 6.

Weatherstone, Harlan B.: *See*—
Fisher, O. W., White, and Weatherstone.

Weaver, Allan: *See*—
Parker, R. D., and Weaver.

Weaver, Allan, Port Washington, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Selective calling system. 2,374,908; May 1.

Weaver, Burr S., Scotia, and D. E. Garr, Schenectady, N. Y., assignors to General Electric Company. Regulating system for storage batteries. 2,390,818; Dec. 11.

Weaver, Charles C.: *See*—
Hallman, E. B., Weaver, and McGough.

Weaver, Charles E., Inverness, Calif., assignor to American Telephone and Telegraph Company. Receiver for single side band systems. 2,379,052; June 26.

Weaver, Edgar R.: *See*—
Kemmer, P. H., and Weaver.

Weaver, Harry D., Lancaster Township, Lancaster County, assignor to Hamilton Watch Company, Lancaster, Pa. Jewel oliving machine. 2,369,094; Feb. 6.

Weaver, Harry M., Cuyahoga Falls, assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Cleaning apparatus. 2,367,842; Jan. 23.

Weaver, Jerald D., Fort Wayne, Ind., assignor to Farnsworth Television and Radio Corporation. Phonograph pickup arm control mechanism. 2,374,570; Apr. 24.

Weaver, Jerald D., Fort Wayne, Ind., assignor to Farnsworth Television and Radio Corporation. Pickup arm control. 2,376,741; May 22.

Weaver, Jesse M., Charleston, S. C., assignor to Raybestos-Manhattan, Inc., Passaic, N. J. Oil burner wick. 2,371,006; Mar. 6.

Weaver, John S., Downey, Calif., assignor, by mesne assignments, to Consolidated Vultee Aircraft Corporation. Machine gun mount. 2,370,896; Mar. 6.

Weaver Manufacturing Company: *See*—
Stoehr, Rolla G., assignor.

Weaver, Martin M., Bareville, Pa. Threshed straw bundler. 2,378,522; June 19.

Weaver, Newton M.: *See*—
Wintsch, Max T., assignor.

Weaver, Paul: *See*—
Murphy, Joseph C., assignor.

Weaver, Welcome I.: *See*—
Simons, J. K., and Weaver.

Weaver, William R., El Paso, Tex. Telescope mount. 2,365,954; Feb 6.

Webb, Cecil E., Norwood, assignor to William R. Steltenpohl, Cincinnati, Ohio. Batt covering machine. 2,390,340; Dec. 4.

Webb, Charles E., New London, Wis., assignor to Edison Wood Products, Incorporated, West Orange, N. J. Crib. 2,368,185; Jan. 30.

Webb, Charles E., New London, Wis., assignor to Edison Wood Products, Incorporated, West Orange, N. J. Crib. 2,380,812; July 31.

Webb, Christopher: *See*—
Smith, O. D., and Webb.

Webb, George, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Cartridge feeding mechanism for automatic firearms. 2,372,462; Mar. 27.

Webb, George, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Charging mechanism for automatic firearms. 2,372,463; Mar. 27.

Webb, George, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Automatic firearm. 2,375,452; May 8.

Webb, George, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Feeding device for automatic firearm. 2,375,453; May 8.

Webb, George, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford. Magazine for automatic firearms. 2,382,926; Aug. 14.

Webb, George, assignor to Colt's Patent Fire Arms Manufacturing Company Hartford, Conn. Feeder for automatic firearms. 2,388,453; Nov. 6.

Webb, Glenn M., and M. A. Smith, assignors to Universal Oil Products Company, Chicago, Ill. Catalytic dehydrogenation process. 2,371,087; Mar. 6.

Webb, Glenn M., and M. A. Smith, Riverside, assignors to Universal Products Company, Chicago, Ill. Catalytic dehydrogenation process. 2,371,088; Mar. 6.

Webb, Henry F., St. Louis, Mo. Preserved crab meat and preserving. 2,381,019; Aug. 7.

Webb, Herbert J.: *See*—
Wilcox, H. M., Baker, and Webb.

Webb, Herbert J., Forest Hills, B. P. Baker, Turtle Creek, and A. M. Wahl, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,374,058; Apr. 17.

Webb, Herbert J., Forest Hills, and G. E. Saunders, Arlington, Va., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Operating mechanism. 2,387,630; Oct. 30.

Webb, John K., London, W. C. 2, England, assignor to International Standard Electric Corporation, New York, N. Y. Electric power cable. 2,385,558; Sept. 25.

Webb, Irving F., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Finishing seam and method. 2,372,632; Mar. 27.

Webb, James L., Gainesville, Tex. Variable spacing mechanism for typewriters. 2,372,619; Mar. 27.

Webb, Samuel: *See*—
Nesbitt, A. B., and Webb.

Webb, Wesley L.: *See*—
Kulp, M. P., Morehead, Sisson, and Webb.

Webb, William L.: *See*—
Voorhees, V., and Webb.

Webber, Carroll A., Westfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Cable terminating means. 2,379,942; July 10.

Webber, Harry R., Norwood, Pa. Pole climbing spur. 2,391,810; Dec. 25.

Webber, Robert C., Indianapolis, Ind. Refrigerating system. 2,385,667; Sept. 25.

Webber, Thomas G.: *See*—
Carter, A. S., and Webber.

Weber, Albert J., and E. L. Chrisman, Los Angeles, Calif. Steam spotting unit. 2,391,663; Dec. 25.

Weber, Arthur G.: *See*—
Brooks, R. E., Peterson, and Weber.

Weber, Arthur G., Wilmington, and M. D. Peterson, Edgemoor Terrace, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydrogenation of benzene. 2,391,283; Dec. 18.

Weber, Carl: *See*—
Berkman, B., Bacon, and Weber.

Weber, Frank A., and H. H. Gregg, assignors to The Firestone Tire & Rubber Company, Akron, Ohio. Droppable fuel tank. 2,381,402; Aug. 7.

Weber, Helmut: *See*—
Seidel, J., and Weber.

Weber, John A., assignor to J. T. Anderson, Portland, Oreg. Log turner. 2,382,837; Aug. 14.

Weber, John R., South River, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Color photography. 2,376,297; May 15.

Weber, Karl H., assignor to Armstrong Cork Company, Lancaster, Pa. Making polyethylene amine derivatives of fossil resins and product produced thereby. 2,382,838; Aug. 14.

Weber, Louis J.: *See*—
Dolezal, E., Weber, and Hubby.

Weber, Louis Joe, Borger, Tex., assignor to Phillips Petroleum Company. Nonthrusting pipe expansion joint. 2,373,280; Apr. 10.

Weber, Ludwig J., and G. F. Sager, New Kensington, assignors to Aluminum Company of America, Pittsburgh, Pa. Magnesium welding rod. 2,375,601; May 8.

Weber, Max, Chicago, Ill. Propeller. 2,386,154; Oct. 2

Weber, Romie H., Aurora, Ind. Ash receiver. 2,388,585; Nov. 6.

Weber, Victor, Greensburg, assignor to Robertshaw Thermostat Company, Youngwood, Pa. Thermostat. 2,372,464; Mar. 27.

Weber, Victor, assignor to American Thermometer Company, St. Louis, Mo. Thermostat. 2,385,433; Sept. 25.

Weber, Victor, Greensburg, Pa., assignor to American Thermometer Company, St. Louis, Mo. Temperature regulating device for heating appliances. 2,385,434; Sept. 25.

Weber, Victor, Greensburg, assignor to Robertshaw Thermostat Company, Youngwood, Pa. Temperature regulating device. 2,389,014; Nov. 13.

Weber, Victor, Greensburg, assignor to Robertshaw Thermostat Company, Youngwood, Pa. Temperature responsive device. 2,389,880; Nov. 27.

Weber, William C., Westport, Conn., assignor to The Dorr Company, New York, N. Y. Sedimentation apparatus. 2,369,194; Feb. 13.

Weberg, William J., Chicago, Ill. Cushioning holder for lathes and the like. 2,377,594; June 5.

Webster, Benjamin C.: *See*—
Smith, R. M., and Webster.

Webster, Benjamin C., Fairfield, Conn., and R. M. Smith, Bethlehem, Pa., assignors to Bryant Electric Company, Bridgeport, Conn. Discharge lamp assembly. 2,367,984; Jan. 23.

Webster-Brinkley Co.: *See*—
Naud, George G., assignor.
Sprake, Tyler W., assignor.

Webster Electric Company: *See*—
Campbell, Richard H., assignor.
Dally, R., Goldsmith, and Munroe, assignors.

Webster Engineering Company: *See*—
Reagan, L. S., and Wallis, assignors.

Webster, Lewis G., Dayton, Ohio. Desk type drafting machine. 2,366,225; Jan. 2.

Webster Manufacturing, Inc.: *See*—
Gemeny, Blaine B., assignor.

Webster, Philip S., Muskegon, Mich. Flexible piston for internal-combustion engines. 2,376,214; May 15.

Webster, Roderick S., Evanston, and P. C. Will, Oak Park, Ill., assignors to The Hydro-Blast Corporation. Treating tank. 2,386,415; Oct. 9.

Webster, Ronald: *See*—
Den Breejen, A., Amari, Luce, Petty, and R. and T. K. Webster, Jr.

Webster, Sidney H., Ridgefield Park, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Military vehicle. 2,385,480; Sept. 25.

Webster, Towner K., Jr.: *See*—
Den Breejen, A., Amari, Luce, Petty, and R. and T. K. Webster, Jr.

Weco Products Company: *See*—
Despres, Lilly D., assignor.

Wecoline Products, Inc.: *See*—
Barsky, George, assignor.
Strauss, Frank A., assignor.

Weddell, Ralph R., Rochester, N. Y. Cutter mounting. 2,371,089; Mar. 6.

Weddell, Ralph R., Rochester, N. Y. Metal removing tool. 2,385,750; Sept. 25.

Weddell Tools, Inc.: *See*—
Kraus, C. E., assignor.

Wedlok Corporation: *See*—
Bingler, W. A., and Williamson, assignors.

Wedgworth, John K., York, Ala. Demolition appliance for aircraft. 2,386,373; Oct. 9.

Wedler, Frederick C., Media, Pa., assignor to American Viscose Corporation, Wilmington, Del. Making puckered fabrics. 2,373,195; Apr. 10.

Weeber, Paul, Chicago, Ill. Cushion. 2,371,788; Mar. 20.

Weedon, Charles B., Detroit, Mich. Cellar window construction. 2,381,147; Aug. 7.

Weeks, Albert: *See*—
Beasley, H. H., and Weeks.

Weeks, Arnold N., North Scituate, Mass., assignor to Bemis Bro. Bag Company, St. Louis, Mo. Baling bag closing apparatus. 2,374,147; Apr. 17.

Weeks, Carl, assignor to The Armand Company, Des Moines, Iowa. Cosmetic preparation. 2,373,933; Apr. 17.

Weeks, Elmer T., and F. M. McCulley, Scott Bar, Calif. Hydraulic brake attachment. 2,371,937; Mar. 20.

Weeks, Norman E., Indianapolis, Ind., and R. B. Le Roy, Rutherford, N. J., assignors to Bemis Bro. Bag Company, St. Louis, Mo. Seam. 2,378,054; June 12.

Weeks, Robert L., Baton Rouge, La., and B. C. Belden, Cranford, N. J., assignors to Standard Oil Development Company. Treatment of oils. 2,367,385; Jan. 16.

Weeks, Walter R., Hamden, Conn., assignor to General Electric Company. Control device. 2,367,985; Jan. 23.

Weeks, Wesley D., and L. Kube, Phillips, Tex.; said Kube assignor to said Weeks. Engineer architect scale. 2,382,758; Class 14.

Weemer, Carl W., Warren, Ohio, and W. B. Leffingwell, assignors to Sharon Steel Corporation, Sharon, Pa. Treatment of manganese steel. 2,368,955; Feb. 6.

Weeth, Eugene: *See*—
Weeth, W. W., and E., and Dollahite.

Weeth, Waldo W. and E., Coalinga, and M. E. Dollahite, Johnson City, Tex.; said Dollahite assignor to W. W. and E. Weeth. Harvester. 2,388,454; Nov. 6.

Weetman, Bruce, Glenham, assignor, by mesne assignments, to The Texas Company, New York, N. Y. Bituminous coating compositions and processes. 2,383,097; Aug. 21.

Weetman, Bruce, Glenham, and R. J. Agnew, Beacon, assignors, by mesne assignments, to The Texas Company, New York, N. Y. Bituminous coating compositions and processes. 2,375,055; May 1.

Wegener, Gustav, and W. Scheppmann, Berlin, Germany; vested in the Alien Property Custodian. Synchronizing arrangement. 2,369,625; Feb. 13.

Wegmann, Adolph J., Flushing, N. Y., assignor to Dri-Steam Products, Inc. Desuperheater. 2,384,511; Sept. 11.

Wegst, Walter F., R. McNabney, and L. R. Bacon, assignors to Wyandotte Chemicals Corporation, Wyandotte, Mich. Alkaline composition of matter. 2,390,406; Dec. 4.

Weible, Edwin C., Binghamton, N. Y. Conveyer. 2,387,220; Oct. 16.

Weihmiller, Frerediek W.: *See*—
Herold, J. L., and Weihmiller.

Weir, Guy, Steubenville, Ohio. Blast furnace charging bell. 2,388,941; Nov. 13.

Weir, Julian R., Roxbury, Vt. Animated illustration. 2,384,661; Sept. 11.

Weir, Julian R., Roxbury, Vt. Animated illustration. 2,384,662; Sept. 11.

Weir, Rudolph, New York, N. Y. Rotary valve. 2,368,956; Feb. 6.

Weibel, Elmer T., East Orange, assignor to Irvington Varnish & Insulator Co., Irvington, N. J. Producing filaments from molten organic compositions. 2,369,506; Feb. 13.

Weichbrodt, Paul P., Buffalo, and F. L. Williamson, Kenmore, assignors to Bell Aircraft Corporation, Buffalo, N. Y. Forming thermoplastic material. 2,370,827; Mar. 6.

Weiche, Georg: *See*—
Gosslau, F., Schmidt, and Weiche.

Weichselbaum, Walter W., Gemmell, Minn. Fishhook. 2,366,662; Jan. 2.

Weichselbaum, Walter W., Gemmell, Minn. Dispensing device. 2,382,191; Aug. 14.

Weick, Fred E., College Park, assignor to Engineering and Research Corporation, Riverdale, Md. Making laminated wooden propeller blades. 2,368,734; Feb. 6.

Weick, Fred E., College Park, and C. De Boer, Ashton, assignors to Engineering and Research Corporation, Riverdale, Md. Brazing. 2,366,164; Jan. 2.

Weidauer, Curtis, Manhasset, N. Y., and K. A. Doehm, West New York, N. J., assignors to S. Briskman, New York, N. Y. Indexing mechanism. 2,373,796; Apr. 17.

Weidauer, Curtis, Manhasset, N. Y., and K. A. Doehm, West New York, N. J., assignors to S. Briskman, New York, N. Y. Cam assembly. 2,379,771; July 3.

Weidaw, Robert I.: *See*—
Scheid, W. F., and Weidaw.

Weide, Herbert F., Los Angeles, Calif., assignor to Monsanto Chemical Company. Varnish resin and making same. 2,378,886; June 19.

Weideman, Harvey E., assignor to Twentieth Century-Fox Film Corporation, Los Angeles, Calif. Cup container for water bottles. 2,378,608; June 19.

Weidner, Hayes, Flagstaff, Ariz. Apparatus for separating solids from water. 2,375,713; May 8.

Weierman, Herbert P., Rydal, Pa. Building construction. 2,372,019; Apr. 3.

Weigand, Maurice E., Dover, Ohio. Tractor stabilizer. 2,391,372; Dec. 18.

Weigel, Daniel M., assignor to The Standard Products Company, Detroit, Mich. Shell body and making same. 2,366,663; Jan. 2.

Weigele, Albert E., Newark, N. J., assignor to National Pneumatic Company, New York, N. Y. Unit and multiple door operator. 2,377,986; June 12.

Weightman, William A., assignor to Edw. G. Budd Manufacturing Company, Philadelphia, Pa. Welding gun. 2,372,413; Mar. 27.

Weightman, William A., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Spot welding. 2,378,741; June 19.

Weightman, William A., assignor to E. G. Budd Manufacturing Company, Philadelphia, Pa. Clamp for draw benches or the like. 2,380,277; July 10.

Weightman, William A., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Apparatus for applying bands to tubular articles. 2,382,359; Aug. 14.

Weigold, Warren G., Hawthorne, N. Y. Sanding device for automobiles. 2,371,274; Mar. 13.

Weijlard, John, Westfield, and J. B. Ziegler, Jr., assignors to Merck & Co., Inc., Rahway, N. J. Production of diacetone keto gulonic acid. 2,367,251; Jan. 16.

Weijlard, John, Westfield, and J. P. Messerly, Clark Township, Union County, assignors to Merck & Co., Inc., Rahway, N. J. Racemization of α-hydroxy-β,β-dimethyl-gamma-butyrolactone. 2,377,390; June 5.

Weijlard, John, Westfield, J. P. Messerly, Clark Township, Union County, and M. Tishler, assignors to Merck & Co., Inc., Rahway, N. J. Preparing pyridine carboxylic acids. 2,381,794; Aug. 7.

Weijlard, John, Westfield, and J. P. Messerly, Clark Township, Union County, assignors to Merck & Co., Inc., Rahway, N. J. Production of diphenyl sulphones. 2,385,809; Oct. 2.

Weil, Otto, New York, N. Y. Altimeter. 2,388,027; Oct. 30.

Weiler, Adolf: *See*—
Seidel, H. J., and Weiler, assignors.

Weiller, Charles R., Louisville, Ky., assignor to Reynolds Metals Co., Richmond, Va. Internally insulated structural unit. 2,391,049; Dec. 18.

Weinaug, Charles F.: *See*—
Douslin, D. R., and Weinaug.

Weinberg, Doris, et al.: *See*—
Konikoff, Robert H., assignor.

Weinberg, Edwin A., assignor to The Ludlow Valve Manufacturing Co., Inc., Troy, N. Y. Valve lock. 2,390,972; Dec. 11.

Weinberg, Sam: *See*—
Feiser, W., and Weinberg.

Weinberger, Jan V., Truro, Nova Scotia, Canada. Fiber cutting machine. 2,379,844; July 3.

Weinberger, Jan V., Truro, Nova Scotia, Canada. Anti-tank ammunition. 2,382,118; Aug. 14.

Weiner, Arnost, Halfway, England. Machine for sub-dividing blocks of glue and other materials into small pieces. 2,386,730; Oct. 9.

Weiner, Lewis P., assignor to Hiram Walker & Sons, Inc., Peoria, Ill. Secondary closure for spirituous beverage bottles. 2,371,372; Mar. 13.

Weiner, Nathan, West Forest Hills, assignor to Bonneville, Limited, New York, N. Y. Flotation process. 2,382,360; Aug. 14.

Weiner, Nathan, West Forest Hills, assignor to Bonneville, Limited, New York, N. Y. Mono-acyl ethylene diamines. 2,387,201; Oct. 16.

Weingart, Richard I. N., Glen Head, N. Y. Bearing structure. 2,376,406; May 22.

Weingart, Richard I. N., Glen Head, N. Y. Case for measuring instruments. 2,379,053; June 26.

Weingart, Richard I. N., Glen Head, N. Y. Compensating system for condition responsive measuring instruments. 2,379,328; June 26.

Weingartner, Gerald A.: *See*—
Dobmeier, H. J., and Weingartner.

Weinmayr, Viktor, Pitman, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of 3,4-xylidine. 2,373,438; Apr. 10.

Weinmayr, Viktor, Pitman, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo dye intermediates. 2,378,453; June 19.

Weinmayr, Viktor, Pitman, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing phenyl-pentachloroethane. 2,390,629; Dec. 11.

Weinreb, Falk, London, England. Internal-combustion engine. 2,382,362; Aug. 14.

Weinreich, Charles F.: *See*—
Lundal, I. J., and Weinreich.

Weinrich, Arthur R.: *See*—
Colbert, W. H., and Weinrich.
Ogle, J. C., Jr., and Weinrich.

Weir, Francis M., Essex, Conn. Forming laminated sheet. 2,387,631; Oct. 23.

Weir, Frank, Duquesne, Pa., assignor to Carnegie-Illinois Steel Corporation. Apparatus for cleaning hot blast stove flues. 2,374,399; Apr. 24.

Weir, G. & J., Limited: *See*—
Hiller, Harold, assignor.

Weir, Horace M., Wynnewood, Pa., assignor to The United Gas Improvement Company. Separation process. 2,366,900; Jan. 9.

Weir, Horace M., Wynnewood, Pa., assignor to The United Gas Improvement Company. Recovery of valuable hydrocarbons. 2,383,174; Aug. 21.

Weir, James, University Heights, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Internal combustion engine piston. 2,372,993; Apr. 3.

Weir, Ralph, Chicago, Ill. Desk lamp. 2,371,861; Mar. 20.

Weisbaum, Jack, Cincinnati, Ohio. Manufacturing neckties. 2,378,671; June 19.

Weisbecker, Frank G., Glenside, assignor to Hosiery Patents Inc., Lansdale, Pa. Bearing structure for straight knitting machines. 2,370,762; Mar. 6.

Weisbecker, Frank G., Glenside, assignor to Hosiery Patents Inc., Lansdale, Pa. Yarn guide means. 2,376,643; May 22.

Weisbecker, Frank G., Glenside, Pa. Slur cam for knitting machines. 2,381,376; Aug. 7.

Weisberg, Mark, Providence, assignor to Bellefont Associates, Cranston, R. I. Coffee product. 2,380,092; July 10.

Weisberg, Max, Brooklyn, N. Y. Mattress construction. 2,383,175; Aug. 21.

Weisberg, Samuel M., and I. Levin, assignors to Sealtest, Inc., Baltimore, Md. Electropolishing bath. 2,386,078; Oct. 2.

Weisberg, Samuel M., and E. G. Stimpson, Baltimore, Md., and A. L. Miller, State College, Pa., assignors to Sealtest, Inc., Baltimore, Md. Preparation of alkyl lactates. 2,390,140; Dec. 4.

Weisberger, Arthur A., and E. G. Glick, Hammond, Ind., assignors to American Steel Foundries, Chicago, Ill. Spring winding machine. 2,389,109; Nov. 13.

Weissberger, Arnold, and J. L. Leiserson, assignors to Eastman Kodak Company, Rochester, N. Y. Gel and gelling agent. 2,388,887; Nov. 13.

Weisglass, Louis L.: *See*—
Simmon, A., and Weisglass.

Weisglass, Louis L., New York, N. Y., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. X-ray tube protective system. 2,379,125; June 26.

Weiskopf, Edwin C., New York, N. Y. Projection and viewing apparatus. 2,378,672; June 19.

Weiskopf, Edwin C., New York, N. Y. Automatic immersion apparatus. 2,386,079; Oct. 2.

Weisman, Boris, et al.: *See*—
Bustamante, Cesar, assignor.

Weisman, Maurice, Roxbury, Mass., assignor to Mabe Corporation, New York, N. Y. Package. 2,377,118; May 29.

Weisman, Maurice, Roxbury, Mass., assignor to Mabe Corporation, New York, N. Y. Method and apparatus for packing. 2,381,091; Aug. 7.

Weiss, Ernst: *See*—
Heberlein, G., and Weiss.

Weiss, Ernst, and H. Strickstrock, Nuremberg, Germany; vested in the Alien Property Custodian. Time fuse. 2,369,626; Feb. 13.

Weiss, Erwin A., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,370,097; Feb. 20.

Weiss, Erwin A., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,370,098; Feb. 20.

Weiss, Felix, Brookline, Mass., assignor to Cornell-Dubilier Electric Corporation. Condenser winding machine. 2,384,983; Sept. 18.

Weiss, Floyd F., Denver, Colo. Hair curler. 2,391,284; Dec. 18.

Weiss, Frederick T., Normandy, Mo., assignor to Shell Development Company, San Francisco, Calif. Anticorrosive. 2,368,602; Jan. 30.

Weiss, John M., and Co.: *See*—
Weiss, John M., assignor.

Weiss, John M., New York, assignor to John M. Weiss and Co., New York County, N. Y. Vaporization of organic compounds. 2,388,198; Oct. 30.

Weiss, Louis, St. Louis, Mo., assignor to F. L. Robison, Fort Smith, Ark. Construction of cooling units. Re. 22,607; Feb. 20.

Weiss, Samuel, assignor to Vaughan Motor Company, Inc., Portland, Oreg. Electric control system. 2,387,047; Oct. 16.

Weiss, Ugo, Milan, and D. Leone, Turin, Italy; vested in the Alien Property Custodian. Micrometer gauge. 2,382,759; Aug. 14.

Weissberger, Arnold: *See*—
Porter, H. D., and Weissberger.
Salminen, I. F., Vittum, and Weissberger.
Vittum, P. W., Griffin, and Weissberger.

Weissberger, Arnold, and P. W. Vittum, assignors to Eastman Kodak Company, Rochester, N. Y. Preventing aerial oxidation and color stain. 2,384,663; Sept. 11.

Weissenburger, Helmut: *See*—
Laufenberg, W., Maslanka, and Weissenburger.

Weisser, Karl: *See*—
Pars, J. W., and Weisser.

Weissman, Eugene, Baltimore, Md. Aerial apparatus. 2,380,278; July 10.

Weitkamp, Alfred W., Whiting, Ind., assignor to Standard Oil Company, Chicago, Ill. Vapor and liquid contacting apparatus. 2,375,336; May 8.

Weizmann, Charles, New York, N. Y. Production of saturated ketones. 2,367,078; Jan. 9.

Weizmann, Charles, London, W. C. 1, England. Production of acetone and butyl alcohol by fermentation. 2,377,197; May 29.

Weizmann, Charles, London, England. Dehydration of unsaturated alcohols. 2,381,148; Aug. 7.

Weizmann, Charles, London, England. Manufacture of styrene and ethylbenzene. 2,384,984; Sept. 18.

Weizmann, Charles, London W. C. 1, England. Fermentation processes. 2,386,374; Oct. 9.

Weizmann, Charles, London, England. Production of ketones. 2,388,101; Oct. 30.

Wekeman, Stephen N., Saddle River Township, Bergen County, N. J., assignor to General Printing Ink Corporation, New York, N. Y. Pneumatic control means for photo-composing machines. 2,374,469; Apr. 24.

Welch, Alanson G., Jr., Pittsfield, Mass., assignor to General Electric Company. Alternating current control apparatus. 2,376,215; May 15.

Welch, Arnold D., Overbrook Hills, and L. D. Wright, Edgewood Park, Pa., assignors to Sharp & Dohme, Incorporated, Philadelphia, Pa. Nutritional preparations and process. 2,391,850; Dec. 25.

Welch, Douglas F.: *See*—
Robinson, T. F., and Welch.

Welch, Jason E., Sr.: *See*—
Stanley, S. J., and Welch.

Welch, Philip J., Brookline, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Expanding tubes in tube seats. 2,389,098; Nov. 13.

Welch, Robert E., assignor to N. J. Smith, Houston, Tex., doing business as N. J. Smith Supply Company. Oil emulsion separating. 2,366,302; Jan. 2.

Welch, Thomas R., Los Angeles, Calif. Label. 2,372,994; Apr. 3.

Welch Tool Engineering Company: *See*—
Terwilliger, George E., assignor.

Weld, Hugh M.: *See*—
Whiton, L. V., and Weld.

Welden, Fay D., Tuckahoe, assignor to Valve Pilot Corporation, New York, N. Y. Driving mechanism for speed indicators. 2,377,284; May 29.

Welden, Fay D., Tuckahoe, N. Y., assignor to Valve Pilot Corporation, New York, N. Y. Locomotive booster recorder. 2,380,001; July 10.

Welden, George R., Baltimore, assignor to The Glenn L. Martin Company, Middle River, Md. Surge plate. 2,379,126; June 26.

Welding Research, Inc.: *See*—
Frickey, R. E., and McKee, assignors.
Scinky, David, assignor.

Weldon, John J., Pittsfield, Mass., assignor to General Electric Company. Spacer for electrical windings. 2,368,505; Jan. 30.

Weldon Tool Company, The: *See*—
Bergstrom, C. A., W. C., Hedin and Pennington, assignors.
Dettmer, Alfred B., assignor.
Hedin, Oscar C., assignor.

Well Surveys, Incorporated: *See*—
Fearon, Robert E., assignor.
Scherbatskoy, Serge A., assignor.
Scherbatskoy, S. A., Fearon, Neufeld, and Swift, assignors.

Wellcome, Hubert, Bayside, N. Y. Projectile. 2,373,363; Apr. 10.

Wellcome, Hubert, Mount Kisco, N. Y. Bolas projectile. 2,373,364; Apr. 10.

Weller, George L., Jr., Washington, D. C. Mounting photographs and the like. 2,387,695; Oct. 23.
Weller, Harvey C., assignor to Surface Combustion Corporation, Toledo, Ohio. Furnace for heating lens blanks. 2,388,888; Nov. 13.
Welling, Charles E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Purification of diolefins. 2,376,104; May 15.
Welling, Charles E., and H. J. Hepp, Bartlesville, Okla., assignors to Phillips Petroleum Company. Removal of acetylene from gases. 2,379,670; July 3.
Welling, Charles E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Extraction of hydrocarbons. 2,382,119; Aug. 14.
Welling, Charles E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Separating hydrocarbons. 2,386,375; Oct. 9.
Welling, Charles E., Wilkinsburg, Pa., assignor to Phillips Petroleum Company. Separating hydrocarbons. 2,386,523; Oct. 9.
Wellington, Fred G., assignor to P. Wickstrom, Seattle, Wash. Leveling system. 2,382,525; Aug. 14.
Wellman, Albert, Scotia, N. Y., assignor to General Electric Company. Electromagnetic relay. 2,379,772; July 3.
Wellman, Edward J.: *See*—
Sidell, F. A., and Wellman.
Wellman Engineering Company, The: *See*—
Crist, Robert W., assignor.
Wellman, John F., Chicago, Ill. Table pad. 2,374,156; Apr. 17.
Wellman, John W.: *See*—
Tishler, M., and Wellman.
Wellman, S. K., Company, The: *See*—
Wellman, Samuel K., assignor.
Wellman, S. K., and Sawyer, assignors.
Wellman, Samuel K., Cleveland Heights, assignor to The S. K. Wellman Company, Cleveland, Ohio. Apparatus for forming sheet metal articles. 2,378,742; June 19.
Wellman, Samuel K., Cleveland Heights, assignor to The S. K. Wellman Company, Cleveland, Ohio. Friction device. 2,380,900; July 31.
Wellman, Samuel K., and C. B. Sawyer, Cleveland Heights, assignors to The S. K. Wellman Company, Cleveland, Ohio. Frictional apparatus. 2,381,941; Aug. 14.
Wellman Smith Owen Engineering Corporation Limited, The: *See*—
Kay, Ignatius, assignor.
Wells, Alfred W. J., London, England. Safeguarding operators on power presses. 2,381,237; Aug. 7.
Wells, C. G., et al.: *See*—
Walker, Jay P., assignor.
Wells Company, Inc., The: *See*—
Wells, Robert D., assignor.
Wells, Edmund D., Madera, Calif. Plumb bob reel. 2,376,407; May 22.
Wells, Franklin H., Ridgewood, N. J., assignor to International Cigar Machinery Company. Continuous process for forming cigar bunches. 2,367,911; Jan. 23.
Wells-Gardner & Co.: *See*—
Swallow, Joseph L., assignor.
Wells, James D.: *See*—
Whipple, L. V., and Wells.
Wells, Johnie, Jr., Lancer, Ky. Key controlled lock. 2,390,973; Dec. 11.
Wells, Joseph H., and P. J. Wilson, Jr., Pittsburgh, Pa., assignors to Carnegie-Illinois Steel Corporation. Treating light oils produced in by-product coking of bituminous coal in order to obtain a water-soluble acid sludge. 2,376,644; May 22
Wells, Joseph H., and P. J. Wilson, Jr., Pittsburgh, Pa., assignors to Carnegie-Illinois Steel Corportion. Production of resins from coke oven gas. 2,389,570; Nov. 20.
Wells Lamont Corporation: *See*—
Richardson, Samuel A., assignor.
Wells, Martin, Los Angeles, Calif. Female urinal. 2,382,276; Aug. 14.
Wells, Percy A., Abington, and R. W. Riemenschneider, Glenside, Pa., assignors to Claude R. Wickard as Secretary of Agriculture of the United States of America and his successors in office. Antioxidant. 2,368,435; Jan. 30.
Wells, Robert D., near Seattle, assignor to The Wells Company, Inc., Seattle, Wash. Wall construction. 2,371,201; Mar. 13.
Wells, Robert S.: *See*—
Anderson, J. T., Wells, and Scott.
Wells, Roy E., assignor to Art Metal Construction Company, Jamestown, N. Y. Paper filing panel. 2,390,974; Dec. 11.
Wellworthy Piston Rings Limited: *See*—
Howlett, John W., assignor.
Welp, Edward W., Chicago, Ill., assignor to Graver Tank & Mfg. Co., Inc. Liquid treatment. 2,373,154; Apr. 10.
Welp, Edward W., Chicago, Ill., assignor to Graver Tank & Mfg. Co., Inc., Catasauqua, Wis. Apparatus for heating hard water. 2,376,298; May 15.
Welsford, Hubert G., Westmount, and W. P. Muir, Hampstead, assignors to Dominion Engineering Works Limited, Lachine, Quebec, Canada. Apparatus for forging billets. 2,368,603; Jan. 30.
Welsh, Samuel J., New York, N. Y. Prophylactice sheath or envelope. 2,389,831; Nov. 27.
Welte, Benedict, Lake Orion Township, Oakland County, assignor to Colonial Broach Company, Detroit, Mich. Broaching machine. 2,385,119; Sept. 18.
Welter, Matthew J.: *See*—
Witter, C. H., and Welter.
Weltman, William C.: *See*—
Auxier, R. W., and Weltman.
Weltman, William C., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Resins. 2,383,430; Aug. 21.
Welton, Wright M.: *See*—
Haywood, G., and Welton.
Welty, Albert B., Jr., Mountainside, N. J., assignor to Standard Oil Development Company. Regeneration of catalysts. 2,368,507; Jan. 30.
Welty, Albert B., Jr., Mountainside, N. J., assignor to Standard Oil Development Company. Production of aromatics. 2,380,279; July 10.
Wemp, Ernest E., Detroit, Mich. Torque converter. 2,368,279; Jan. 30.
Wemp, Ernest E., Detroit, Mich. Transmission. 2,371,564. Mar. 13.
Wemp, Ernest E., Detroit, Mich. Power transmitting apparatus. 2,382,034; Aug. 14.
Wemp, Ernest E., Detroit, Mich. Friction member for clutches and brakes. 2,391,495; Dec. 25.
Wempe, Bernhard, Berlin-Schlachtensee, Germany; vested in the Alien Property Custodian. Making spinning nozzles. 2,376,742; May 22.
Wenck, Peter R., assignor to The Dow Chemical Company, Midland, Mich. Reducing syneresis of methyl cellulose. 2,377,834; June 5.
Wende, Charles W. J., Arden, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polyamide articles. 2,389,655; Nov. 27.
Wendle, William F., Buffalo, N. Y. Bomb handling device. 2,366,820; Jan. 9.
Wendel, Frans B.: *See*—
Cravener, D. H., Jr., Ingersoll, and Wendel.
Wendelburg, Frank W., and R. J. Wadd, assignors to Harnischfeger Corporation, Milwaukee, Wis. Reversible hoist motor. 2,376,299; May 15.
Wendelken, Frederick K.: *See*—
Wendelken, Frederick S., assignor.
Wendelken, Frederick S., assignor to F. K. Wendelken, Denver, Colo. Sectional surface drain conduit. 2,386,020; Oct. 2.
Wendell, Evert J., Wayne, assignor, by mesne assignments, to National Foam System, Inc., Philadelphia, Pa. Proportioner. 2,374,516; Apr. 24.
Wender, George W., U. S. Army, Camp Ritchie, Md. Paper feed device. 2,387,311; Oct. 23.
Wendorf, Harold W.: *See*—
Rhodes, C. M., and Wendorf.
Wendshuh, Herbert L.: *See*—
Petersen, J. S., Miller, Wendshuh, and Moser.
Wendt, Bruno, Dessau, Germany; vested in the Alien Property Custodian. Carbohydrate solutions. 2,376,743; May 22.
Wendt, Edward J., Elroy, Wis., assignor to Hercules Powder Company, Wilmington, Del. Precipitation of casein. 2,369,095; Feb. 6.
Wendt, Karl R., Audubon, N. J., assignor to Radio Corporation of America. Television system. 2,381,238; Aug. 7.
Wengel, Arthur M., Madison, Wis., assignor to Ray-O-Vac Company. Frequency responsive indicating apparatus. 2,384,716; Sept. 11.
Wenholz, Walter W., Chicago, Ill., assignor to The Union Switch and Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,375,969; May 15.
Wening, Herman E., and R. E. Moule, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich. Oscillating joint. 2,390,905; Dec. 11.
Wennerberg, August, Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Wire straightening apparatus. 2,369,329; Feb. 13.
Wenneborg, Henry H., Springfield, Ill. Lawn chair. 2,381,149; Aug. 7.
Wenner, Robert E.: *See*—
Elseman, R. J., and Wenner.
Wenner, Wilhelm, Montclair, assignor to Hoffman-La Roche, Inc., Nutley, N. J. Making 4-methyl phenyl acetone. 2,382,686; Aug. 14.
Wenner, Wilhelm, Upper Montclair, assignor to Hoffman-La Roche, Inc., Roche Park, Nutley, N. J. Production of diamino succinic acid. 2,389,099; Nov. 13.
Wennmann, William, Baltimore, Md., assignor to Ward Baking Company, New York, N. Y. Cake slitting machine. 2,380,564; July 31.
Wensel, Page, H. L. Whisner, and R. H. Rugh, Clarion, Pa., assignors to Owens-Illinois Glass Company. Decorating machine. 2,383,947; Sept. 4.
Wenthe-Davidson Engineering Co.: *See*—
Wenthe, William, assignor.
Wenthe, William, assignor to Wenthe-Davidson Engineering Co., Milwaukee, Wis. Service truck. 2,385,559; Sept. 25.
Wentworth, Godfrey E.: *See*—
Mooney, R. B., and Wentworth.
Wentworth, Philip C., Providence, R. I. Traveler. 2,390,018; Nov. 27.

Wentz, Edward C., Sharpsville, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Reactor construction. 2,374,059; Apr. 17.
Wentz, Jere L., Passaic, N. J. Exercising apparatus. 2,388,777; Nov. 13.
Wentz, William M., Carney's Point, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Continuous piece goods processing machine. 2,369,696; Feb. 20.
Wenzel Projector Company: *See*—
Denton, Harry L., assignor.
Wenzelberger, Elwood P., Plainfield, assignor to Johnson & Johnson, New Brunswick, N. J. Segregated adhesive tape calender. 2,386,731; Oct. 9.
Wepplo, Isaac W., Minneapolis, Minn. Liquid fuel vaporizer. 2,373,867; Apr. 17.
Werden, Francis: *See*—
Werden, Henry J. and F.
Werden, Francis G.: *See*—
Werden, Henry J. and F. G.
Werden, Henry J., West St. Paul, and F. Werden, St. Paul, Minn., assignors to American Machine & Foundry Company. Wrapping machine. 2,366,888; Jan. 9.
Werden, Henry J. and F. G., St. Paul, Minn., assignors to American Machine & Foundry Company. Tucker adjusting mechanism. 2,367,160; Jan. 9.
Werder, John F., Chagrin Falls, Ohio. Liquid level gauge. 2,370,099; Feb. 20.
Werder, John F., Lakewood, assignor to The Lubri-Zol Development Corporation, Cleveland, Ohio. Preparing a lubricating composition. 2,372,414; Mar. 27.
Werkenthin, Theodore A.: *See*—
McGeary, F. M., and Werkenthin.
Werkenthin, Theodore A., Arlington, Va., and F. M. McGeary, Washington, D. C. Hose coupling. 2,369,697; Feb. 20.
Werling, George L., Bakersfield, Calif. Pipe and tubing gripper. 2,378,454; June 19.
Werner, Arthur W., Milwaukee, Wis. Box creasing and folding machine. 2,379,127; June 26.
Werner, Calvin J.: *See*—
Leland, R. W., and Werner.
Werner, Calvin J., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Power transmitting device. 2,383,901; Aug. 28.
Werner, Ewald: *See*—
Gruender, O. C., and Werner.
Werner, Jesse, Brooklyn, N. Y., assignor to General Aniline & Film Corporation, New York, N. Y. Method and composition for delustering artificial silk. 2,390,975; Dec. 11.
Werner, Leo C.: *See*—
Cherry, S. J., and Werner.
Scullin, C. H., and Werner.
Werner, Leo C., Bloomfield, and W. A. Laning, Glen Ridge, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electron discharge device. 2,385,435; Sept. 25.
Werner, Mack M., Brooklyn, N. Y. Eyeshield. 2,389,223; Nov. 20.
Wernig, James H., assignor to General Motors Corporation, Detroit, Mich. Automobile door and body ornamentation. 2,383,575; Aug. 28.
Werntz, James H.: *See*—
Burke, W. J., and Werntz.
Salzberg, P. L., and Werntz.
Wershaw, Irving B., assignor to Dome Chemicals Incorporated, New York, N. Y. Therapeutic tablet. 2,371,862; Mar. 20.
Wertheimer, Joseph, Far Rockaway, N. Y. Salvaging device. 2,384,580; Sept. 11.
Wertheimer, Robert S.: *See*—
Cheney, W. C., and Wertheimer.
Wertman, David, and F. Warlick, Washington, D. C. Cradle operating cylinder. 2,382,457; Aug. 14.
Werts, James E., Charlotte, N. C., assignor to Union Special Machine Company, Chicago, Ill. Sewing machine and operating the same. 2,376,216; May 15.
Wesely, Edwin F., Chevy Chase, Md., assignor to United States Hoffman Machinery Corporation, New York, N. Y. Sock and stocking drying machine. 2,370,432; Feb. 27.
Wesemeyer, Dietrich F. O., Euclid, assignor to Spiral Brushes, Incorporated, Cleveland, Ohio. Brush construction and mounting therefor. 2,379,205; June 26.
Wesley, Leo J., Roselle Park, N. J., assignor to Elastic Stop Nut Corporation of America. Lock nut and blank therefore. 2,378,609; June 19.
Wesley, Leo J., Roselle Park, N. J., assignor to Elastic Stop Nut Corporation of America. Lock nut and blank therefor. 2,378,610; June 19.
Wessborg, Eric S., Saginaw, Mich. Braille teaching device. 2,371,325; Mar. 13.
Wesseler, William J., et al.: *See*—
Hunsdorf, William P., assignor.
Wesselman, Albert, Cincinnati, Ohio. Partitioned bottle carrier. 2,375,056; May 1.
Wesselman, Albert, Cincinnati, Ohio. Bottle carrier. 2,390,020; Nov. 27.
Wessman, Walter G., Fairfield, Conn. Grinding machine. 2,389,224; Nov. 20.
Wesson, Alexander J., Spondon, near Derby, assignor to British Celanese Limited, London, England. Colouration of textile materials. 2,384,001; Sept. 4.
Wesson, Clarke D.: *See*—
Morgan, W., and Wesson.
Wesson, George W., Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Work-supporting post for sewing machines. 2,367,813; Jan. 23.
West Bend Aluminum Co.: *See*—
Kissel, W. L., and Palmer, assignors.
West Bend Equipment Corporation: *See*—
Klumb, C. E., and Gruel, assignors.
West, Byron L.: *See*—
Crossley, M. L., and West.
West, Byron L., Plainfield, N. J., assignor to American Cyanamid Company, New York, N. Y. Metallized azo triazoles. 2,390,480; Dec. 4.
West, De Witt H.: *See*—
Wallis, A. E., and West.
West, Edward E., Richmond, Va. Bag making, stringing, and tagging machine. Re. 22,596; Jan. 23.
West, Edward E., Richmond, Va. Stringing needles. 2,367,986; Jan. 23.
West, Edward E., Richmond, Va. Bag feeding, turning and delivering mechanism. 2,374,571; Apr. 24.
West, Edward E., Richmond, Va. Bag stringing machine. 2,374,572; Apr. 24.
West, Edward E., Richmond, Va. Bag stringing needle. 2,374,573; Apr. 24.
West, Frank S., Houston, Tex., assignor to The Texas Company, New York, N. Y. Distillate production. 2,388,102; Oct. 30.
West, George E.: *See*—
West, Maxwell A. and G. E.
West, George S., Lynwood, Calif. Pelt stretcher. 2,381,135; July 10.
West, Harry H., Philadelphia, Pa. Heater for extrusion nozzles. 2,367,451; Jan. 16.
West, Harry L., and A. R. Ogston, London, England, assignors to Intava Ltd., Westminster, London. Compositions for the prevention of the formation or accretion of ice on exposed surfaces. 2,373,727; Apr. 17.
West, Herbert J.: *See*—
Lynch, K. L., and West.
West, John W., Jackson Heights, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,383,925; Aug. 28.
West, Maxwell A., Portland, and G. E. West, Sherwood, assignors to Champion, Inc., Portland, Oreg. Screw driver bit. 2,366,682; Jan. 2.
West, Stanley W., Pinner, England, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. X-ray apparatus. 2,369,507; Feb. 13.
West Virginia Pulp and Paper Company: *See*—
Kress, O., Zeitlin, and Staman, assignors.
Obenshain, N., and Sively, assignors.
Williams, Herman J., assignor.
West, William C. H.: *See*—
Brammer, F. C., and West.
Westberg, Arthur H., Baldwin, N. Y., assignor to Republic Aviation Corporation. Aircraft structure (wing flap mechanism). 2,373,365; Apr. 10.
Westberg, Vernon C.: *See*—
Westberg, V. L., Nilson, and Westberg, V. C.
Westberg, Vivian L., A. N. Nilson, and V. C. Westberg, Chicago, Ill., assignors to J. R. Tapp and O. L. Rhoades, a copartnership doing business as Sun Manufacturing Co. Motor tester. 2,366,889; Jan. 9.
Westerberg, Edith A., New York, N. Y. Article of manufacture. 2,390,906; Dec. 11.
Westerkamp, Hugo, Koln-Poll, Germany; vested in the Alien Property Custodian. Synchronizing the pictures and the sound of independently arranged picture- and needle-sound-reproduction devices. 2,378,611; June 19.
Westerlin and Campbell Company: *See*—
Boyle, John, assignor.
Western Cartridge Company: *See*—
Catron, Russell M., assignor.
Clarkson, Ralph E., assignor.
Crockett, Harry L., assignor.
Humeston, Frederick L., assignor.
Roemer, William C., assignor.
Smith, John B., assignor.
Williams, David M., assignor.
Western Condensing Company: *See*—
Meade, R. E., Pollard, and Rodgers, assignors.
Western Electric Company, Incorporated: *See*—
Amidon, M., Lind, and Lindberg, assignors.
Amidon, M., and Thornton, assignors.
Anderson, D. G., and Fairfield, assignors.
Baker, Burton E., assignor.
Bandur, Adolph F., assignor.
Bandur, Adolph F., Dillinger, and Ogden, assignors.
Barrans, W. T., and Bayor, assignors.
Barrans, W. T., and Martin, assignors.
Bertalan, Edward, assignor.
Bertalan, E., and Rice, assignors.
Blaisdell, Charles O., assignor.
Blount, H., and Coldehoff, assignors.
Blount, H., and Lundeen, assignors.
Bouget, Yves A., assignor.
Brooks, Percy E., assignor.
Brooks, Robert E., assignor.
Brown, George R., assignor.
Brown, M., and Harr, assignors.

Western Electric Company, Incorporated: *See*—Continued
Brunner, Anton J., assignor.
Bugler, A. G., and Heath, assignors.
Burbank, W. E., and Mitchell, assignors.
Cahill, Harold G., assignor.
Cherry, G. L., and Veale, assignors.
Clemons, Dale R., assignor.
Corderman, Roy C., assignor.
Cox, Thomas K., assignor.
Crist, P. W., and Johansson, assignors.
Decker, J. A., and Wilkes, assignors.
De Roche, D. R., and Jones, assignors.
Dowd, Archie J., assignor.
Drobish, Adolph E., assignor.
Drobish, A. E., and Kay, assignors.
Duclos, Aeneas J. N., assignor.
Edelman, B., and Pizzi, assignors.
Eppler, Walter T., assignor.
Ewaldson, Waldemar C., assignor.
Frank, George H., assignor.
Frank, G. H., and Trebes, assignors.
Frankwich, Alexander C., assignor.
Franz, Erwin E., assignor.
Fruth, Hal F., assignor.
Fruth, H. F., Haas, and Walters, assignors.
Gage, Edwin B., assignor.
Gillis, R., and Morsing, assignors.
Gold, Louis, assignor.
Gove, O. N., and Miller, assignors.
Haase, Carl O., assignor.
Hackbarth, Carl J., assignor.
Heath, H. P., and Weston, assignors.
Hill, Marvin L., assignor.
Hoff, Wilbur L., assignor.
Howerton, David R., assignor.
Hroch, James C., Jr., assignor.
Husson, Harry L., and Pollard, assignors.
Jarman, Vincent G., assignor.
Jarvis, A. E., and Keller, assignors.
Jespersen, Helgo W., assignor.
Johnstone, Harold G.
Jongedyk, Ralph, assignor.
Kane, John T., assignor.
Kivley, R. C., and Pearson, assignors.
Kling, R. B., and Seeley, assignors.
Krogel, Christopher J., assignor.
Lahr, Thomas M., assignor.
Larsen, Einer W., assignor.
Lerch, Brooke W., assignor.
Loney, William W., assignor.
Longfellow, Harold R., assignor.
Lundeen, Carl V., assignor.
Lutz, Raymond P., assignor.
MacPheat, A. M., Moon, and Sirp, assignors.
Malhiot, Eugene L., assignor.
Manderfeld, Emanuel C., assignor.
Martin, Samuel M., assignor.
Martin, S. M., and Nelson, assignors.
Martin, Victor S., assignor.
Martindell, Frank, assignor.
McCain, Cecil C., assignor.
McGuinness, Edward J., assignor.
Meistrup, Emil E., assignor.
Merrick, De Witt D., assignor.
Merwin, Harry H., assignor.
Mitchell, Donald H., assignor.
Mitchell, D. H., and Pollard, assignors.
Morison, James C., assignor.
Muller, John T., assignor.
Olney, Nathaniel M., assignor.
Pash, Robert, assignor.
Powell, Raymond E., assignor.
Rasmussen, Clarence R., assignor.
Rayburn, Vincent A., assignor.
Reichelt, Lester O., assignor.
Robinson, John A., assignor.
Rollings, James N., assignor.
Rott, Frank R., assignor.
Russell, Alexander G., assignor.
Schenk, Everett M., assignor.
Schultz, Frank A., assignor.
Scrantom, De Hart G., assignor.
Selvig, John N., assignor.
Shaw, Everett J., assignor.
Sherman, Russel J., assignor
Shield, John, assignor.
Siebs, Claude T., assignor.
Simmons, Glen R. and H. A., assignors.
Sirp, Emil, assignor.
Sirp, E., and Stull, assignors.
Smith, Bruce M., assignor.
Smith, Charles C., assignor.
Sokolowsky, Charles T., assignor.
Spillman, Gordon C., assignor.
Stastney, Ladislav, assignor.
Stover, Clyde N., assignor.
Stuhlfauth, George, assignor.
Stull, John S., assignor.
Svikhart, Miles L., assignor.
Swickard, A. E., assignor.
Teichner, Rudolph R., assignor.
Western Electric Company, Incorporated: *See*—Continued
Thielker, Henry J., assignor.
Thornton, Harry E., assignor.
Wagner, Julius A., assignor.
Warner, Stanley F., assignor.
Waters, Daniel V., assignor.
Wennerberg, August, assignor.
Western Gear Works: *See*—
Jenkins, Willis W., assignor.
Western Laundry Machinery Company: *See*—
Manley, William O., assignor.
Western Machinery Company: *See*—
Bousman, Samuel I., assignor.
Western Plastics, Incorporated: *See*—
Waring, Eugene H., assignor.
Western Precipitation Corporation: *See*—
Bowman, David W., assignor.
Chittum, Joseph F., assignor.
Pootjes, Peter, assignor.
Western Precipitation Corporation, et al.: *See*—
White, Harry J., assignor.
Western Products Company, Inc.: *See*—
McMechan, Maurice H., assignor.
Western Products, Incorporated: *See*—
Foster, Norman M., assignor.
Western Railroad Supply Company: *See*—
Jefferson, G. V., and Gillespie, assignors.
Western States Machine Company, The: *See*—
Hertrich, Joseph, assignor.
Roberts, Eugene, assignor.
Western Union Telegraph Company, The: *See*—
Currie, F. L., and Stearns, assignors.
Demonet, E. A., and Blanton, assignors.
Dirkes, R. F., Long, Melick, and Hewitt, assignors.
Kline, Bernard L., assignor.
Kline, B. L., and Mobius, assignors.
Milner, Joseph W., assignor.
Nelson, D. H., and Buckingham, assignors.
Ridings, G. H., and Currie, assignors.
Ridings, G. H., and Wise, assignors.
Steeneck, Robert, assignor.
Taylor, Roland C., assignor.
Wise, Raleigh J., assignor.
Wyss, Clement H., Jr., assignor.
Westervelt, Nelson H., Yeadon, Pa., assignor to General Electric Company. Switch operating mechanism. 2,378,270; June 12.
Westervelt, William J., Los Angeles, Calif. Hydraulic punch. 2,374,400; Apr. 24.
Westfall, Robert W., Rosco, assignor of fifty-one per cent to B. P. Willis, Arcadia, Calif. Tagline device. 2,367,912; Jan. 23.
Westfall, Robert W., Yermo, Calif. Barrel tongs. 2,377,845; June 5.
Westin, Axel: *See*—
Westin, S. and A.
Westin, Charles J.: *See*—
Floodorf, E. W., Westin, and Stokes.
Westin, Sven, West Allis, assignor to A. O. Smith Corporation, Milwaukee, Wis. Method and apparatus for electrically forming pipe. 2,374,794; May 1.
Westin, Sven, West Allis, and A. Westin, assignors to A. O. Smith Corporation, Milwaukee, Wis. Electric pipe forming. 2,371,090; Mar. 6.
Westinghouse Air Brake Company, The: *See*—
Bent, Arthur J., assignor.
Bush, Rankin J., assignor.
Canetta, John, assignor.
Canetta, J., and Hammer, assignors.
Cook, Earle S., assignor.
Crittenden, Philip L., assignor.
Down, Sidney G., assignor.
Down, S. G., and Farmer, assignors.
Farmer, Clyde C., assignor.
Glass, William H., assignor.
Good, John N., assignor.
Hewitt, Ellis E., assignor.
Hines, Claude M., assignor.
Kelley, Cecil S., assignor.
Larson, A. G., and Kelley, assignors.
May, Harry C., assignor.
McClure, Glenn T., assignor.
Miller, Raymond E., assignor.
Mitchell, R. A., and Hines, assignors.
Newell, George K., assignor.
Oliver, Robert M., assignor.
Rush, John W., assignor.
Sekera, Charles J., assignor.
Stevens, Roy R., assignor.
Stewart, Carlton D., assignor.
Tramblie, Harry I., assignor.
Whitney, Ralph T., assignor.
Westinghouse Electric Corporation: *See*—
Alben, Frank L., assignor.
Alben, F. L., and Langer, assignor.
Anderson, Waldemar E., assignor.
Armstrong, George C., assignor.
Arnold, Edwin E., assignor.
Askey, John S., assignor.
Austin, Bascum O., assignor.
Auxier, R. W., and Weltman, assignors.
Baker, B. P., and Cunningham, assignors.
Baker, R. M., Frostick, and Whittaker, assignors.
Barnsteiner, A., assignor.

Westinghouse Electric Corporation: *See*—Continued
Bastian, Arthur J., assignor.
Bell, Maurice E., assignor.
Berkey, W. E., and Lamphere, assignors.
Blackburn, Philip W., assignor.
Blackburn, Wayne E., assignor.
Blankenbuehler, John H., assignor.
Boden, S. H., and Peek, assignors.
Bonine, Ralph O., assignor.
Booth, James D., assignor.
Brecht, W. A., and Alben, assignors.
Brown, Myron J., assignor.
Burgwin, Stephen L., assignor.
Burgwin, S. L., Mahoney, and Bichsel, assignors.
Chapman, Stuart H., assignor.
Cherry, S. J., and Werner, assignors.
Christ, Joseph G., assignor.
Clark, Earl K., assignor.
Cole, Donald P., assignor.
Cook, Shirley S., assignor.
Cook, Willard G., assignor.
Coyle, George E., Jr., assignor.
Cumming, J. M., and Peek, assignors.
Dailey, Hampton J., assignor.
Davis, Frederick R. J., assignor.
Derr, Willard A., assignor.
Dorfman, Hiller D., assignor.
Dorfman, Leo O., assignor.
Dudley, Adolphus M., assignor.
Eberhart, Arthur H., assignor.
Ellis, D., and Taylor, assignors.
Ellis, Harold E., assignor.
Enz, Vern E., assignor.
Ennson, W. H., and Graybrook, assignors.
Farmer, Frank H., assignor.
Faust, E. H., and Hollstein, assignors.
Fischer, Eugene H., assignor.
Franck, Clarence C., assignor.
French, Ralph T., assignor.
Fritz, Dwain E., assignor.
Frostick, H. G., and Sollie, assignors.
Geiselman, Ralph A., assignor.
Goldsborough, Shirley L., assignor.
Goldsborough, S. L., and Mehring, assignors.
Gottlieb, Manious, assignor.
Graybrook, Herbert W., assignor.
Green, James H., assignor.
Gregory, L. W., and Schneider, assignors.
Griscom, S. B., and Pierce, assignors.
Grover, Elliott E., assignor.
Hall, Erik H., assignor.
Hanna, Clinton R., assignor.
Hanna, C. R., Mikina, and Lynn, assignors.
Hanna, C. R., and Osbon, assignors.
Hanna, Raymond P., assignor.
Hanna, R. P., Atkinson, and Brahmer, assignors.
Hansen, Elmer K., assignor.
Hanson, Harold F., assignor.
Harder, Edwin L., assignor.
Harding, W. R., and Hanville, assignors.
Harding, W. R., and Opel, assignors.
Harris, Walter R., assignor.
Haverstick, Samuel A., assignor.
Heilman, Joseph R., assignor.
Hein, Carl C., assignor.
Hibbard, Lloyd J., assignor.
Hoard, Bert V., assignor.
Hoover, Dillon B., assignor.
Hutcheson, John A., assignor.
Immel, R. B., and Kintsing, assignors.
Immel, R. B., and Pierce, assignors.
Immel, R. B., and Slamar, assignors.
Ivy, Joe G., assignor.
Jennings, Oliver S., assignor.
Jernstedt, George W., assignor.
Kalischer, Philip R., assignor.
Kerr, Charles, Jr., assignor.
Kessler, Wilbur, assignor.
Kovalsky, Joseph F., assignor.
Kraut, Samuel B., assignor.
Landon, Kenneth L., assignor.
Langer, Bernard F., assignor.
Leeds, W. M., and Baker, assignors.
Lessmann, Gerhard P., assignor.
Linsenmeyer, J. Z., and Poole, assignors.
Lippart, John, assignor.
Ludwig, L. R., and Bergvall, assignors.
Lyle, Frederick W., assignor.
Lynn, Clarence, assignor.
Lynn, Lawrence B., assignor.
MacNeill, J. B., Peterson, and Parker, assignors.
Madsen, Carl J., assignor.
Mahnke, Kurt, assignor.
Marcy, Gerald P., assignor.
Mars, Nick, assignor.
May, John W., assignor.
May, J. W., Stuellein, and Horn, assignors.
McClellan, Cyril E., assignor.
McCloy, Graham S., assignor.
McCulloch, Leon, assignor.
McLean, John A., Jr., assignor.
Mehring, Arthur C., assignor.
Mehring, A. C., and Goldsborough, assignors.
Merryman, J. A., and Wharff, assignors.
Westinghouse Electric Corporation: *See*—
Miller, Ernest F., assignor.
Mitchell, Stanley J., assignor.
Morton, Eldred O., assignor.
Mosshart, Donald J., assignor.
Mulheim, Joseph E., assignor.
Oplinger, Kirk A., assignor.
Pankow, Edmund G., assignor.
Parsons, John S., assignor.
Pearson, R. W., and Poole, assignors.
Peck, Clarence E., assignor.
Peek, Henry L., assignor.
Peek, H. L., and Cumming, assignors.
Pegg, E. H., and Cummings, assignors.
Penney, G. W., and Nielsen, assignors.
Pentheny, George W., assignor.
Petzinger, Ambrose J., assignor.
Pierce, Lawrence, assignor.
Ponomareff, Alexander I., assignor.
Powell, Edward U., assignor.
Putman, Henry V., assignor.
Putman, H. V., and Hodnette, assignors.
Rennie, Robert F., assignor.
Richards, Glenn G., assignor.
Rose, H. A., and Cox, assignors.
Rugg, Harold H., assignor.
Rutan, Earl F., assignor.
Ryan, Alden H., assignor.
Saler, Jules N., assignor.
Saner, Louis E., assignor.
Schaelchlin, W., and Hornbarger, assignors
Schmidt, Henry F., assignor.
Schneider, S. S., and Gregory, assignors.
Schultz, A. F., and Mosshart, assignors.
Schwendner, Anthony F., assignor.
Scott, Howard, and Kalischer, assignors.
Shields, Arthur L., assignor.
Smith, Clyde E., assignor.
Smith, C. E., and Stadum, assignors.
Snyder, Frederick D., assignor.
Sonnemann, William K., assignor.
Sonnemann, W. K., Mehring, and Goldsborough, assignors.
Stallmann, Frederick W., assignor.
Stewart, Nelson H., assignor.
Stone, Earll R., assignor.
Taliaferro, William R., assignor.
Tamer, Elo C., assignor.
Tanner, Elo C., assignor.
Tawney, Gerald L., assignor.
Taylor, Charles H., assignor.
Taylor, Frank W., assignor.
Thomander, Veron S., assignor.
Tobey, R. E., assignor.
Vassar, Hervey P., assignor.
Vore, Milton P., assignor.
Wagner, R. H., and Mueller, assignors.
Wahl, Arthur M., assignor.
Watrous, Ward W., Jr., assignor.
Webb, H. J., and Saunders, assignors.
Weltman, William C., assignor.
Werner, L. C., and Laning, assignors.
Whittaker, Charles C., assignor.
Wickerham, William R., assignor.
Woodman, K. L., and Morton, assignors.
Young, D. A., and Thomander, assignors.
Yungman, Elroy W., assignor.
Weisglass, Louis L., assignor.
Wheeler, Floyd S., assignor.
Westinghouse Electric Elevator Company: *See*—
Williams, H. W., Mount, and Nelson, assignors.
Westinghouse Electric & Manufacturing Company: *See*—
Allen, Harold P., assignor.
Appleman, Theodore C., assignor.
Armstrong, George C., assignor.
Arnott, Edward G. F., assignor.
Auxier, Robert W., assignor.
Barker, H. H., and Hill, assignors.
Baston, Cyril E., assignor.
Baston, C. E., and Hibbard, assignors.
Baylis, Albert H., assignor.
Blackburn, J. L., and Chapman, assignors.
Bock, Ashley P., assignor.
Booth, James D., assignor.
Bostwick, Myron A., assignor.
Bouton, E. M., and Santini, assignors.
Boyd, John, assignor.
Boykin, John R., assignor.
Brecht, Winston A., assignor.
Briggs, Maynard R., assignor.
Brown, Myron J., assignor.
Buchanan, Royal S., assignor.
Burgwin, Stephen L., assignor.
Bush, H. F., and Hitchcock, assignors.
Chapman, J. F., and Riesz, assignors.
Chapman, Stuart H., assignor.
Chapman, S. H., and Schultz, assignors.
Chubb, Lewis W., assignor.
Clark, Earl K., assignor.
Clark, E. K., and Hellman, assignors.
Criner, Harry E., assignor.
Denault, Clinton L., assignor.
Derr, Willard A., assignor.
Dyer, Lloyd W., assignor.

Westinghouse Electric & Manufacturing Company: *See*—Continued
Dyer, L. W., and Dorfman, assignors.
Elsinger, Rudolph J., assignor.
Elsey, Howard M., assignor.
Ely, James K., assignor.
Esarey, Raymond W., assignor.
Exner, Donald W., assignor.
Faulk, Donald P., assignor.
Felver, R. I., and Parr, assignors.
Ferguson, John P., assignor.
Finzi, Leo A., assignor.
Flanders, Warren B., assignor.
Forbes, Allan D., assignor.
Ford, James G., assignor.
Foresman, Robert A., assignor.
Foresman, R. A., Moesbart, and Schultz, assignors.
Formhals, William H., assignor.
Fountain, Lawrence L., assignor.
Fountain, L. L., and Klemmer, assignors.
Funaroff, Urie, assignor.
Gates, Henry S., assignor.
Gilbert-Carter, John C., assignor.
Godsey, Frank W., Jr., assignor.
Goldsborough, Shirley L., assignor.
Gottlieb, Manious, assignor.
Gregory, Royal J., assignor.
Gulliksen, Finn H., assignor.
Gustin, D. S., and Mullan, assignors.
Hagg, A. C., and Boyd, assignors.
Hall, Russell M., assignor.
Hanna, Clinton R., assignor.
Hanna, C. R., Mikina, and Lynn, assignors.
Hanna, R. P., and Brahmer, assignors.
Harding, W. R., and Hanville, Jr., assignors.
Harris, Walter R., assignor.
Hein, Carl C., assignor.
Hein, C. C., and Stevenhagen, assignors.
Henry, Donald E., assignor.
Hopkinson, O. W., Jr., and Tully, assignors.
Hurst, Robert O., assignor.
Iglehart, Ferdinand C., assignor.
Iglehart, F. C., and Immel, assignors.
Iglehart, F. C., and Ullrich, assignors.
Jenks, Harold C., assignor.
Johnson, Floyd D., assignor.
Kaercher, Edwin B., assignor.
Kallscher, Milton, assignor.
Keto, August I., assignor.
Keyes, John J., assignor.
Kilgore, Lee A., assignor.
King, George E., assignor.
Kovalsky, Joseph F., assignor.
Krasik, Sidney, assignor.
Langer, Alois, assignor.
Langford, Thomas W., assignor.
Leape, Charles B., assignor.
Leape, C. B., and Haywood, assignors.
Lee, Paul R., assignor.
Leeds, Winthrop M., assignor.
Leeds, W. M., and Baker, assignors.
Lenehan, Bernard E., assignor.
Leonard, Merrill G., assignor.
Lessmann, G. P., and Tubbs, assignors.
Lindstrom, T., and May, assignors.
Lingal, Harry J., assignor.
Lockwood, E. H., and Lown, assignors.
Lum, J. C., and Keating, assignors.
Mabry, Forrest S., assignor.
Madsen, Carl J., assignor.
Mahnke, Kurt, assignor.
Marbury, Ralph E., assignor.
Marcy, Gerald P., assignor.
Marden, John W., assignor.
Marden, J. W., and Meister, assignors.
Maslin, Albert, assignor.
McCloy, Graham S., assignor.
McCulloch, Leon, assignor.
McLennan, Alexander, assignor.
Meyer, Frank A., assignor.
Mierley, G. M., assignor.
Mikina, Stanley J., assignor.
Miller, Ernest F., assignor.
Monori, Emil, assignor.
Morton, Eldred O., assignor.
Mouromtseff, I. E., and Dinnick, assignors.
Myers, Henry C., assignor.
Nagel, George W., assignor.
Newton, John S., assignor.
Newton, J. S., and Arnold, assignors.
Nicholas, Andrew J., assignor.
Parr, Bernard F., assignor.
Pennow, Willis A., assignor.
Perry, E. R., and Guhl, assignors.
Poole, Lloyd C., assignor.
Rathbun, J. P., and Nelson, assignors.
Rats, Elmer G., assignor.
Rawlins, H. L., and Wallace, assignors.
Reifenberg, Joseph H., assignor.
Rively, Clair M., assignor.
Roman, Walter G., assignor.
Romanelli, E., and Sutter, assignors.
Rose, Herbert A., assignor.

Westinghouse Electric & Manufacturing Company: *See*—Continued
Rubel, Max J., assignor.
Rushing, Frank C., assignor.
Russell, Ralston, Jr., assignor.
Schaelchlin, W., and Frisch, assignors.
Scullin, C. H., and Werner, assignors.
Slepian, Joseph, assignor.
Slepian, J., and Berkey, assignors.
Smith, Benjamin H., assignor.
Smith, Clyde E., assignor.
Sonnemann, William R., assignor.
Steeb, George, assignor.
Steinert, Emil F., assignor.
Sterrett, Charles C., assignor.
Strom, Albert P., assignor.
Sutherland, Ernest E., assignor.
Taylor, Charles H., assignor.
Thomander, Veron S., assignor.
Tobey, Raymond E., assignor.
Travers, H. A., and Peterson, assignors.
Troy, Walter C., assignor.
Valentine, Carroll E., assignor.
Van Sickle, Roswell C., assignor.
Veinott, Cyril G., assignor.
Walley, Omar C., assignor.
Watrous, Ward W., Jr., assignor.
Watson, Earl C., assignor.
Webb, H. J., Baker, and Wahl, assignors.
Welch, Philip J., assignor.
Wentz, Edward C., assignor.
Weybrew, Thelbert L., assignor.
White, Alfred B., assignor.
White, A. B., and Jennings, assignors.
Whitmore, J. B., Makenny, and Newcombe, assignors.
Whittaker, Charles C., assignor.
Whittaker, C. C., and Graham, assignors.
Wilcox, H. M., Baker, and Webb, assignors.
Williams, H. W., Santini, and Mount, assignors.
Winchester, Amos J., Jr., assignor.
Woodman, Kenneth L., assignor.
Yoxsimer, Orland H., assignor.

Westlake, Albert, assignor of one-half to M. A. Westlake, New York, N. Y., and one-half to M. C. Reed, Danbury, Conn. Holding cooking utensils on galley ranges. 2,379,206; June 26.

Westlake, Edward B., Jr., Upper Darby, Pa. Hydrometer. 2,384,664; Sept. 11.

Westlake, Mary A., et al.: *See*—
Westlake, Albert, assignor.

Westling, Carl J., West Orange, N. J., assignor to Minerals and Metals Corporation, New York, N. Y. Metallurgical apparatus. 2,391,496; Dec. 25.

Westman, August A., Carnation, Wash. Wire cutter. 2,368,906; Feb. 6.

Westman, Bror O., Hudiksvall, Sweden. Machine for finishing the runner face of skis. 2,384,777; Sept. 11.

Weston, Alexander S., New York, N. Y. Wind resisting lighter. 2,372,238; Mar. 27.

Weston Electrical Instrument Corporation: *See*—
Fogle, Marlin F., assignor.
Lamb, Anthony H., assignor.
Lamb, Francis X., assignor.
Lederer, Karl M., assignor.
Morelock, Oliver J., assignor.

Weston, Herbert, New York, N. Y.; vested in the Alien Property Custodian. Accounting and filing system. 2,374,965; May 1.

Weston, Herbert, New York, N. Y.; vested in the Alien Property Custodian. Accounting and filing system. 2,385,593; Sept. 25.

Weston, Keith A.: *See*—
Heath, H. P., and Weston.

Westphal, Kurt: *See*—
Andersag, H., and Westphal.

Westphal, Otto: *See*—
Kuhn, R., and Westphal.

Westrate, John M., Grand Rapids, Mich. Jack. 2,367,633; Jan. 16.

Westrope, Frederick J., Pleasant Ridge, Mich., assignor, by mesne assignments, to F. L. Jacobs Co. Folding top operating mechanism. 2,376,946; May 29.

Westvaco Chlorine Products Corporation: *See*—
Nichols, William T., assignor.
Petering, W. H., and Aitchison, assignors.

Westveer, Peter, Kalamazoo, Mich. Building construction. 2,372,038; Mar. 20.

West Virginia Pulp and Paper Company: *See*—
Haywood, G., and Welton, assignors.
Pollak, A., and Willingham, assignors.

Wetherbee, Burt W., assignor to Globe Woven Belting Co., Buffalo, N. Y. Manufacturing endless power-transmission belts. 2,386,761; Oct. 16.

Wetherbee, Charles F., Naugatuck, assignor to The Bristol Company, Waterbury, Conn. Dilatometer. 2,380,565; July 31.

Wetherby-Williams, Arthur V., New York, assignor to Walker-Wallace, Incorporated, Buffalo, N. Y. Heat exchanger. 2,379,671; July 3.

Wetherby-Williams, Arthur V., New York, assignor to Walker-Wallace, Incorporated, Buffalo, N. Y. Making heat exchangers. 2,380,002; July 10.

Wetherell, Luther C., Hot Springs, Ark. Removable strainer for radiator circulating systems. 2,384,057; Sept. 4.

Wetherill, Lynn: *See*—
Terpak, S., and Wetherill.

Wethly, Frans, Manhasset, assignor to Fuel Refining Corporation, New York, N. Y. Treatment of acid-tar. 2,370,277; Feb. 27.

Wethly, Frans, Manhasset, N. Y., assignor to Fuel Refining Corporation, Dover, Del. Apparatus for the production of sulphate of ammonia. 2,357,818; Oct. 30.

Wetmore, Earnest M., Tonkawa, Okla. Screen for hammer type feed grinders. 2,366,021; Oct. 2.

Wetmore Reamer Company: *See*—
Clements, Willard J., assignor.

Wetsel, Carlton: *See*—
Smith, E. L., and Wetsel.

Wettstein, Albert: *See*—
Miescher, K., and Wettstein.
Ruzicka, L., and Wettstein.

Wetzel, Fred H., Port Huron, Mich., assignor to The Electric Auto-Lite Company, Toledo, Ohio. Shielded ignition lead. 2,389,705; Nov. 27.

Wexel, Harold A., and A. H. MacLaren, assignors to Corning Glass Works, Corning, N. Y. Apparatus for shaping glass articles. 2,377,534; June 5.

Weyandt, Carl S., Homer City, Pa. Electromagnetic vibrator. 2,380,622; July 31.

Weybrew, Thelbert L., Edgewood, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Relay contact members. 2,372,144; Mar. 20.

Weybrew, Thelbert L., Edgewood, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Locomotive control system. 2,372,145; Mar. 20.

Weybrew, Thelbert L., Edgewood, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Locomotive control system. 2,374,060; Apr. 17.

Weyenberg, Henry, assignor to Holland Furnace Company, Holland, Mich. Humidifier. 2,368,057; Jan. 23.

Weyenberg, Henry, assignor to Holland Furnace Company, Holland, Mich. Heating furnace. 2,383,431; Aug. 21.

Weyer, Henry A., assignor to Chambersburg Engineering Company, Chambersburg, Pa. Drop hammer frame construction. 2,386,155; Oct. 2.

Weyerts, Walter J.: *See*—
Minsk, L. M., Weyerts, and McDowell.

Weyerts, Walter J., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic silver halide emulsions. 2,367,549; Jan. 16.

Weyerts, Walter J., assignor to Eastman Kodak Company, Rochester, N. Y. Chemical sensitizing of emulsions. 2,380,280; July 10.

Weygers, Alexander G., Oakland, Calif. Discopter. 2,377,635; June 5.

Weyl, Woldemar A., State College, Pa., assignor to American Optical Company, Southbridge, Mass. Removal of iron from ceramic raw materials. 2,388,302; Nov. 6.

Weynand, Paul, San Antonio, Tex. Valve seat grinding tool. 2,387,787; Oct. 30.

Whaley, Thomas H.: *See*—
Wolk, I. L., and Whaley.

Whaley, Thomas H., Jr.: *See*—
Katz, D. L., and Whaley.

Whaley, Thomas H., Jr., Bartlesville, Okla., assignor to Phillips Petroleum Company. Method and apparatus for control of vapor pressure. 2,378,116; June 12.

Whaley, Thomas H., Jr., Bartlesville, Okla., assignor to Phillips Petroleum Company. Manufacture of aluminum halide catalysts. 2,386,524; Oct. 9.

Whaley, Thomas H., Jr., Bartlesville, Okla., assignor to Phillips Petroleum Company. Method and apparatus for controlling vaporization. 2,389,244; Nov. 20.

Whaley, Thomas H., Bartlesville, Okla., assignor to Phillips Petroleum Company. High pressure separation process. 2,391,607; Dec. 25.

Whann, Jesse P., Los Angeles, Calif. Vegetable cutter. 2,376,408; May 22.

Wharff, Edward M., Jr.: *See*—
Merryman, J. A., and Wharff.

Wharff, Prentice C., Berkeley, Calif. Indicator and detector for fire extinguishers. 2,378,345; June 12.

Whatley, Hubert E., Cricklewood, London, England, assignor to S. Smith & Sons (England) Limited. Gyroscope. 2,368,058; Jan. 23.

Whatley, Wilson W., II, Dallas, Tex., assignor to F. Phenix, Lafayette, La. Retrievable squeezing tool for walls. 2,379,558; July 3.

Wheatley, Edward W.: *See*—
Moncrieff, R. W., and Wheatley.

Wheatley, Frank, Sr., Tulsa, Okla. Fluid pump 2,367,452; Jan. 16.

Wheatley, Frank, Sr., Tulsa, Okla. Plug valve. 2,372,869; Apr. 3.

Wheatley, Thomas, Houston, Tex. River weight. 2,373,439; Apr. 10.

Wheatly, Edward W.: *See*—
Moncrieff, R. W., and Wheatley.

Wheaton Brass Works: *See*—
Krone, H. C., and Meyer, assignors.

Wheaton, Frank H., Jr., Millville, N. J. Double-mouthed bottle. 2,383,098; Aug. 21.

Wheelco Instruments Company: *See*—
Cohen, Theodore A., assignor.
Longini, Richard L., assignor.

Wheeler, Benjamin F.: *See*—
Roberds, W. M., and Wheeler.

Wheeler, Byrhl F., Balston Spa, N. Y., assignor of fourteen percent to J. Vigneault, and twenty-six percent to M. Lacombe, Montreal, Quebec, Canada. Heating element. 2,371,276; Mar. 13.

Wheeler, Charles M., Lynn, Mass., assignor to General Electric Company. Electric apparatus. 2,380,813; July 31.

Wheeler, Delbert, Sioux Falls, S. Dak. Grading machine. 2,386,579; Oct. 9.

Wheeler, Donald H.: *See*—
Smith, A. K., Max, and Wheeler.

Wheeler, Floyd S., Arlington, Va., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electrical circuit protective device. 2,390,819; Dec. 11.

Wheeler, Harry N., and T. E., Birmingham, Ala. Drain board. 2,367,321; Jan. 16.

Wheeler, Henry H., Bellerose, N. Y., assignor to International Cigar Machinery Company. Transfer mechanism for cigar machines. 2,367,913; Jan. 23.

Wheeler, Henry H., Bellerose, N. Y., assignor to International Cigar Machinery Company. Cigar machine reroller mechanism. 2,378,166; June 12.

Wheeler, Herbert P., Springfield, Mo. Ventilating apparatus for toilet hoppers. 2,380,891; July 31.

Wheeler Insulated Wire Company, Incorporated: *See*—
Slepian, Arthur, assignor.

Wheeler, James H., Milwaukee, Wis. Dispenser. 2,374,633; Apr. 24.

Wheeler, John D., Vancouver, Wash. Crutch. 2,388,778; Nov. 13.

Wheeler, John N., Hawthorne, assignor to International Business Machines Corporation, New York, N. Y. Read-out device with rounding off control means incorporated. 2,363,890; Jan. 9.

Wheeler, John N., Hawthorne, assignor to International Business Machines Corporation, New York, N. Y. Accounting machine. 2,388,354; Nov. 6.

Wheeler, Leonard A.: *See*—
Pannuhn, J. B., and Wheeler.

Wheeler, Tillman E.: *See*—
Wheeler, Harry N. and T. E.

Wheeler, Vaughn V.: *See*—
Remark, I. J., and Wheeler.

Wheeler, William N., Paris, Ky. Toy vehicle. 2,373,986; Apr. 17.

Wheelock, John H., Fitzwilliam, N. H., assignor to Signal Engineering & Manufacturing Company, New York, N. Y. Control circuit for telephone extension signals and the like. 2,377,059; May 29.

Wheelon, Orville A.: *See*—
Burton, E. F., Adams, and Wheelon.

Wheelwright, John S., Tonbridge, England. Kite apparatus. 2,386,762; Oct. 16.

Wheildon, William M., Jr., Framingham, assignor to Norton Company, Worcester, Mass. Reinforced abrasive article mounted on a backing plate. 2,378,271; June 12.

Whelan, Francis T.: *See*—
Moore, H. S., and Whelan.

Whelan, William B., Chicago, Ill. Rotary electrical apparatus. 2,388,889; Nov. 13.

Wheller, Harry S., Elizabeth, N. J., assignor to L. J. Wing Mfg. Co., New York, N. Y. Heating means. 2,390,630; Dec. 11.

Whempner, Russell H., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control apparatus. 2,367,162; Jan. 9.

Whempner, Russell H., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Supervisory system and perceptive indicator therefor. 2,389,476; Nov. 20.

Whetstone, S. D.: *See*—
Eger, John, assignor.

Whewell, Robert, New Bedford, Mass., and A. Bauer, Jr., Garden City, N. Y., assignors, by mesne assignments, to United Merchants & Manufacturers, Inc., Wilmington, Del. Woven fabric and producing same. 2,367,744; Jan. 23.

Whipple, Leon V., and J. D. Wells, Floral Park, N. Y., assignors to American Machine and Foundry Company. Wrapping machine. 2,374,148; Apr. 17.

Whipple, Leon V., Floral Park, and S. W. Pollock, Brooklyn, N. Y., assignors to American Machine and Foundry Company. Package sealing strip applying mechanism. 2,385,751; Sept. 25.

Whipple, Willis A., assignor to Chicago Eye Shield Company, Chicago, Ill. Eyeglasses. 2,380,281; July 10.

Whipple, Willis A., and R. L. Malcom, Chicago, Ill., assignors to Chicago Eye Shield Company. Protective eyepiece. 2,378,887; June 19.

Whipple, Willis Z., assignor to Chicago Eye Shield Company, Chicago, Ill. Respirator locking means. 2,382,592; Aug. 14.

Whitmer, Harry L.: *See*—
Wensel, P., Whitmer, and Rugh.

Whistler, L. V.: *See*—
Jackson, Arthur C., assignor.

Whistler, Lawrence V. and S. A., Kenmore, N. Y. Punch and die mechanism. 2,371,565; Mar. 13.
Whistler, Lawrence V. and S. A., Kenmore, N. Y. Punch and die assembly. 2,386,920; Oct. 16.
Whistler, Sanford A.: *See*—
Whistler, Lawrence V. and S. A.
Whitacre, Clarence J., assignor to Wagner Electric Corporation, St. Louis, Mo. Adjusting mechanism for dual brakes. 2,366,946; Jan. 9.
Whitacre, Clarence J., assignor to Wagner Electric Corporation, St. Louis, Mo. Braking mechanism. 2,380,814; July 31.
Whitacre, Clarence J., assignor to Wagner Electric Corporation, St. Louis, Mo. Brake shoe adjusting means. 2,380,815; July 31.
Whitacre, Clarence J., assignor to Wagner Electric Corporation, St. Louis, Mo. Dual brake. 2,382,927; Aug. 14.
Whitacre, Harold L., Flint, Mich. Bottle carrier. 2,372,871; Apr. 3.
Whitaker, James N., West Englewood, N. J., assignor to The Hammarlund Manufacturing Company, Incorporated, New York, N. Y. Radio-frequency transmitter. 2,368,233; Oct. 30.
Whitaker, Laurence E.: *See*—
Steffens, W. L., and Whitaker.
Whitaker, Laurence E., Wyoming, Ohio, assignor to The Philip Carey Manufacturing Company. Air conduit. 2,378,272; June 12.
Whitaker, Milton C.: *See*—
Bricks, W. P., and Whitaker.
Whitaker, Randall, R. P. Myers, and R. E. Homberger, assignors to Sealtest, Inc., Baltimore, Md. Manufacture of evaporated milk. 2,372,239; Mar. 27.
Whitaker, Randall, R. P. Myers, and R. E. Homberger, assignors to Sealtest, Inc., Baltimore, Md. Sterilization of evaporated milk in glass containers. 2,388,103; Oct. 30.
Whitaker, Reuben A., Gloversville, N. Y. Glove. 2,372,697; Apr. 3.
Whitcomb, Arthur J., assignor to Freyn Engineering Company, Chicago, Ill. Temperature control means. 2,370,897; Mar. 6.
White, Addison H.: *See*—
Riggs, B. S., White, and Yager.
White, Alfred B., Murrysville, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Arc welding electrode. 2,370,100; Feb. 20.
White, Alfred B., Murrysville, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Arc welding system. 2,372,146; Mar. 20.
White, Alfred B., and C. H. Jennings, Forest Hills, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Resistance welding. 2,372,147; Mar. 20.
White, Ben E.: *See*—
Calvert, W. R., and White.
White, Blanche B.: *See*—
Seymour, G. W., and White.
White Cap Company: *See*—
Davies, Lynn R., assignor.
White, Charles H., assignor to Deere & Company, Moline, Ill. Fertilizer distributor. 2,369,508; Feb. 13.
White, Charles H., assignor to Deere & Company, Moline, Ill. Planter. 2,376,464; May 22
White, Charles H., assignor to Commer Cars Limited, Luton, England. Brake mechanism. 2,382,192; Aug. 14.
White, Charles H., assignor to Deere & Company, Moline, Ill. Planter. 2,385,668; Sept. 25.
White, Charles S.: *See*—
Kline, J. E., and White.
White, Claron N.: *See*—
Seymor, J. W., White, and Watson.
White, Clifford B., and C. H. Lindsay, assignors to American-La France-Foamite Corporation, Elmira, N. Y. Fire extinguisher. 2,377,735; June 5.
White, Curtice C., Johnsville, assignor to The Electric Storage Battery Company, Philadelphia, Pa. Storage battery plate. 2,373,281; Apr. 10.
White, Edward H., assignor to The Whitecross Company Limited, Warrington, England. Rope. 2,385,241; Sept. 18.
White, Ellis R.: *See*—
Van Ess, P. R., and White.
Zublin, E. W., Barnum, and White.
White, Ellis R., Albany, assignor to Shell Development Company, San Francisco, Calif. Anticorrosive. 2,368,604; Jan. 30.
White, Ellis R., Albany, assignor to Shell Development Company, San Francisco, Calif. Anticorrosive. 2,368,605; Jan. 30.
White, Ellis R., Albany, assignor to Shell Development Company, San Francisco, Calif. Corrosion protection of metals. 2,368,606; Jan. 30.
White, Ellis R., Albany, assignor to Shell Development Company, San Francisco, Calif. Corrosion protection of metals. 2,368,607; Jan. 30.
White, Elmer D., Dayton, Ohio. Preventing overheating in aircraft deicing system. 2,373,728; Apr. 17.
White, Emory O., Albertville, Ala. Air operated pump for filling stations and the like. 2,391,211; Dec. 18.
White, Eric L. C.: *See*—
Vanderlyn, P. B., and White.
White, Ezekiel F., West Hartford, Conn. Machine tool. 2,373,155; Apr. 10.
White, Fitzhugh L., South Norfolk, Va. Automatic electrical water heater. 2,371,723; Mar. 20.
White, Francis J., Brooklyn, N. Y., assignor to The Okonite-Callender Cable Company, Incorporated, Paterson, N. J. Electric cable system. 2,382,120; Aug. 14.
White, Frank J.: *See*—
Fisher, O. W., White, and Weatherstone.
White, Frank L., assignor to Eastman Kodak Company, Rochester, N. Y. Polymethine compounds and preparing them. 2,369,509; Feb. 13.
White, Fred L.: *See*—
McLean, L. O., and White.
White, Fred L., assignor to The Osgood Company, Marion, Ohio. Hoisting brake control. 2,377,285; May 29.
White, George C., Rutherford, N. J. Device for measuring and dispensing liquid. 2,368,735; Feb. 6.
White, Gerald, assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Tempering glass. 2,388,808; Nov. 13.
White, Gerald, and D. E. Grimes, assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Apparatus for use in the tempering of glass. 2,388,809; Nov. 13.
White, Harry B., Wilmington, N. C. Supporting means for life preservers. 2,366,303; Jan. 2.
White, Harry B., Wilmington, N. C. Air supply means for life preservers. 2,371,863; Mar. 20.
White, Harry B., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,377,060; May 29.
White, Harry B., Canton, Ohio, assignor to Aircraft-Marine Products, Inc., Elisabeth, N. J. Electrical connector. 2,383,926; Aug. 28.
White, Harry B., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,389,881; Nov. 27.
White, Harry J., Cambridge, Mass., assignor to Research Corporation, New York, N. Y. Electrical precipitation apparatus. 2,369,877; Feb. 20.
White, Harry J., Cambridge, Mass., assignor to Research Corporation, New York, N. Y. Adjustable gas distribution means for multiple tube electrical precipitators. 2,374,715; May 1.
White, Harry J., Cambridge, Mass., assignor of one-half to Research Corporation, New York, N. Y., and one-half to Precipitation Corporation, Los Angeles, Calif. Charging suspended particles. 2,377,391; June 5.
White, Harry J., Cambridge, Mass., assignor of one-half to Research Corporation, New York, N. Y., and one-half to Western Precipitation Corporation, Los Angeles, Calif. Electrical precipitation. 2,383,030; Aug. 21
White, Harry J., Cambridge, Mass., assignor of one-half to Research Corporation, New York, N. Y., and one-half to Western Precipitation Corporation, Los Angeles, Calif. Electrical precipitator. 2,386,827; Oct. 16.
White, Hobart S., Bethesda, Md. Telescope sight mount. 2,385,176; Sept. 18.
White, Ira M., Oakland, assignor to The Pelton Water Wheel Company, San Francisco, Calif. Surge preventer. 2,369,510; Feb. 13.
White, James C., Amarillo, Tex. Notebook leaf elevating and turning device. 2,370,338; Feb. 27.
White, James C., Birmingham, Ala. Flushing means for centrifugal pumps. 2,372,538; Mar. 27.
White, Joe, Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Motor control system. 2,377,286; May 29.
White, John B., assignor to Universal Oil Products Company, Chicago, Ill. Fractionation of hydrocarbons. 2,377,736; June 5.
White, John E.: *See*—
Faris, H. P., and White.
White, John F., Medford, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Preparation of sols. 2,375,738; May 8.
White, John W.: *See*—
Goepfrich, R. A., and White assignors.
White, John W., Van Nuys, assignor, by mesne assignments, to Bendix Aviation, Ltd., North Hollywood, Calif. Accumulator. Re. 22,653; June 26.
White, Joseph A., New London, Conn. Oil burner draft control. 2,385,317; Sept. 18.
White, Joseph S., Galena Park, Tex. Roof center. 2,386,525; Oct. 9.
White, Joseph W., St. Davids, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Manually-operable auxiliary mechanism for air-brake systems. 2,391,664; Dec. 25.
White, Jules W., and L. A. G. ter Veen, Marion, Ind., assignors to Farnsworth Television and Radio Corporation. Combined radio and phonograph system. 2,379,617; July 3.
White, Kenneth M., and H. Hadsel, assignors to American Elevator & Machine Company, Inc., Louisville, Ky. Elevator signaling system. 2,372,348; Mar. 27.
White Laboratories, Inc.: *See*—
Barthen, C. L., Peterson, and McClintock, assignors.
White, Leo D., Schenectady, N. Y., assignor to General Electric Company. Remote signaling system. 2,380,282; July 10.
White, Lynt: *See*—
White, R. H., Hodgson, Jones, and White.

White, Mayfield C., New York, N. Y. Soap preserver. 2,380,892; July 31.
White, Morton, & Co.: *See*—
Budlong, Robert D., assignor.
White Motor Company, The: *See*—
Baster, Forest S., assignor.
Kinney, Le Baron W., Jr., assignor.
White, Paul V.: *See*—
Bennett, C. E., and White.
White, Paul W., Waterbury, and L. R. Ryan, Plymouth, Conn., assignors to Parva Products Company, Chicago, Ill. Buckle. 2,377,287; May 29.
White, Percy, assignor to The Automotive Engineering Company Limited, Twickenham, England. Fluid motor. 2,382,526; Aug. 14.
White, Ralph F., San Bernardino, Calif. Adjustable piston for gas engines. 2,385,120; Sept. 18.
White, Robert H., R. H. Hodgson, B. Jones, Jr., and L. White, assignors to The Atlanta Stove Works, Inc., Atlanta, Ga. Heating stove. 2,376,409; May 22.
White, Robert J., assignor to Hammond Instrument Company, Chicago, Ill. Gyroscopic apparatus. 2,386,176; Oct. 9.
White, Roland J., Clayton, Mo. Aircraft control surface. 2,368,059; Jan. 23.
White, S. S., Dental Manufacturing Company, The: *See*—
Angell, Robert C., assignor.
Flanagan, John W., assignor.
Geezy, Joseph, assignor.
White, Samuel O., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Transmission control. 2,388,455; Nov. 6.
White, William C., Schenectady, N. Y., assignor to General Electric Company. Multianode discharge device. 2,367,987; Jan. 23.
White, William E., Aliquippa, Pa. Valve grinder. 2,371,938; Mar. 20.
White, William E., Bethlehem, Pa., assignor to Bethlehem Steel Company. Serving tool. 2,390,674; Dec. 11.
White, William N., Ontario, Calif. Air pilot instruction system. 2,374,401; Apr. 24.
Whitechester, Thomas J., U. S. Navy. Propeller blade pitch measuring device. 2,383,527; Aug. 28.
Whitecross Company Limited, The: *See*—
White, Edward H., assignor.
Whiteford, Alexander W., New York, N. Y. Toe protecting shield. 2,367,814; Jan. 23.
Whitehead, William, Rye, N. Y., assignor to Celanese Corporation of America. Textile product. 2,380,003; July 10.
Whitehead, William A., Preston, England, assignor to The Goss Printing Press Company, Chicago, Ill. Rotary printing press. 2,375,397; May 8.
Whiteman, Charles E.: *See*—
Bailey, W. J., and Whiteman.
Bailey, W. J. A., and Whiteman.
Penney, H. D., and Whiteman.
Whiteman, Marvin E., Los Angeles, Calif. Portable concrete rodding machine. 2,372,163; Mar. 20.
Whitener, Ernest K.: *See*—
Bodansky, J. C., and Whitener.
Whitesel, Harry A., Glen Ridge, N. J., assignor to General Electric Company. Air mixing apparatus. 2,371,202; Mar. 13.
Whitesel, Harry A., Glen Ridge, N. J., assignor to General Electric Company. Air mixing apparatus. 2,371,203; Mar. 13.
Whitesell, John C., Jr., Norristown, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Bomb casing. 2,366,374; Jan. 2.
Whitesell, John C., Jr., Narberth, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Munitions. 2,382,277; Aug. 14.
Whitesell, Robert O., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Rectifier battery charger circuit. 2,382,698; Apr. 3.
Whitesell, Robert O., and P. B. Freeman, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Protective circuit for transformer-rectifier systems. 2,386,526; Oct. 9.
Whiteside, Jack R., East Cleveland, Ohio, assignor to General Electric Company. Starting control for electric discharge devices. 2,372,148; Mar. 20.
Whiteside, Jack R., Cambridge, Mass., assignor to General Electric Company. Starting control for electric discharge devices. 2,374,315; Apr. 24.
Whitham, Harry: *See*—
Thomas, R. and Whitham.
Whitham, May, executrix: *See*—
Thomas, R., and Whitham.
Whitin, Herbert A., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Thread holder for magazines. 2,375,156; May 1.
Whitin, Herbert A., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Thread holder for looms. 2,385,242; Sept. 18.
Whitin Machine Works: *See*—
Crockett, Frank L., assignor.
Dunleavy, William J., assignor.
Hargreaves, R., and Youngma, assignors.
Helland, Sigurd H., assignor.
Theiler, Hans J., assignor.
Whiting, Claud J., Princeton, Calif. Power winch. 2,378,117; June 12.
Whiting Corporation: *See*—
Bock, George E., assignor.
Brown, Arthur J., assignor.
Caldwell, Harold B., assignor.
Christie, Hugh K., assignor.
Fisher, Ernest F., assignor.
Hokanson, Evert C., assignor.
Holmes, Louis D., assignor.
Kuehlthau, Hugo L., assignor.
Pearl, William A., assignor.
Walsh, Frank P., assignor.
Whiting, Leo R.: *See*—
Turkington, V. H., and Whiting.
Whiting, Leo R., Woodbridge, N. J., assignor to Bakelite Corporation, New York, N. Y. Oil soluble resins. 2,374,316; Apr. 24.
Whiting, Max A., Schenectady, N. Y., assignor to General Electric Company. Control system. 2,385,669; Sept. 25.
Whiting, Max A., Schenectady, N. Y., assignor to General Electric Company. Dynamoelectric machine. 2,385,670; Sept. 25.
Whiting, Max A., Schenectady, N. Y., assignor to General Electric Company. Control system. 2,385,671; Sept. 25.
Whiting, Samuel C.: *See*—
Mog, F. G., Wald, and Whiting.
Whiting, Theo C.: *See*—
Jepson, I., and Whiting.
Whitman, Gerald M.: *See*—
Farlow, M. W., and Whitman.
Lazier, W. A., and Whitman.
Whitman, Gerald M., Claymont, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing furan. 2,374,149; Apr. 17.
Whitman, Helen, administratrix: *See*—
Whitman, Stewart C.
Whitman, Stewart C., deceased, by H. Whitman, New York, N. Y., administratrix. Irradiating bottle filling machine. 2,384,778; Sept. 11.
Whitmarsh, John M.: *See*—
Brittain, E. H., Joshua, and Whitmarsh.
Whitmer, Lewis W., Columbus, Ohio. Truck for trailer vehicles. 2,379,265; June 26.
Whitmire, Stuart E.: *See*—
Sconce, J. S., Rucker, Whitmire, and Schoonover.
Whitmore, Henry G., Newburyport, assignor to S. C. Brody, Newton, Mass. Combination range or distance finder and try-square. 2,377,987; June 12.
Whitmore, Henry G., Newburyport, assignor to S. C. Brody, Newton Centre, Mass. Attachment for test indicators. 2,384,058; Sept. 4.
Whitmore, James B., Bloomfield, W. Makenny, Mountain View, and F. A. Newcombe, Nutley, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Article inspection method and machine. 2,389,287; Nov. 20.
Whitmore, Paul G., Pine Bluff, Ark. Tap-isolating conductor support. 2,372,995; Apr. 3.
Whitmore, Robert M., assignor to National Cash Register Company, Dayton, Ohio. Magazine testing means. 2,386,376; Oct. 9.
Whitmore, Roy E., Staunton, Va. Parking vehicle art and apparatus. 2,387,312; Oct. 23.
Whitmoyer, Clarence W., and W. J. Moore, assignors to Whitmoyer Laboratories, Inc., Myerstown, Pa. Stabilization of iodine in animal and poultry feeds. 2,382,193; Aug. 14.
Whitmoyer Laboratories, Inc.: *See*—
Whitmoyer, C. W., and Moore, assignors.
Whitnall, William C., Mount Vernon, Wash. Suspension bridge. 2,368,907; Feb. 6.
Whitner, Thomas C., Elizabeth, N. J., assignor to Chemical Laboratories, Inc. Making synthetic resin. 2,377,734; June 5.
Whitner, Thomas C., Elizabeth, N. J., assignor to Chemical Laboratories, Inc. Modified formaldehyde-acetone resin and making same. 2,390,481; Dec. 4.
Whitney Blake Company, The: *See*—
Spenzel, Robert H., assignor.
Whitney Chain & Mfg. Co.: *See*—
Berg, W. H. C., and Hanson, assignors.
Whitney, Charles S., Milwaukee, Wis. Concrete arch construction. 2,370,763; Mar. 6.
Whitney, F. A., Carriage Company: *See*—
Shaw, Harold F., assignor.
Whitney, Joseph W., Conway, Pa. Radio tube extractor. 2,380,136; July 10.
Whitney, Lewis A., Stratford, and A. C. Kidder, Bridgeport, Conn. Thermal motor. 2,382,928; Aug. 14.
Whitney, Maurice P.: *See*—
McGrath, W. L., and Whitney.
Whitney, Ralph T., Irwin, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake releasing apparatus. 2,369,994; Feb. 20.
Whitney, Ralph T., Irwin, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake control valve device. 2,374,061; Apr. 17.
Whitney, Ralph T., Irwin, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake releasing apparatus. 2,379,329; June 26.
Whitney, Ralph T., Irwin, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake releasing apparatus. 2,381,239; Aug. 7.

Whitney, Ralph T., Irwin, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,389,100; Nov. 13.
Whitney, William A.: *See*—
Hebb, A. O., and Whitney.
Whiton, Leslie V., and H. M. Weld, Haley, assignors to Dominion Magnesium Limited, Toronto, Ontario, Canada. Production of metallic magnesium by ferrosilicon reduction. 2,370,898; Mar. 6.
Whiton, Lucius E., New London, Conn. Ship protection. 2,379,266; June 26.
Whitson, John W., New York, N. Y. Card record apparatus. 2,379,943; July 10.
Whitt, Sidney A.: *See*—
Worth, W., Walker, and Whitt.
Whittaker, Charles C.: *See*—
Baker, R. M., Frostick, and Whittaker.
Whittaker, Charles C., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Resistor. 2,372,150; Mar. 20.
Whittaker, Charles C., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Turbine locomotive control system. 2,372,151; Mar. 20.
Whittaker, Charles C., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electroresponsive indicator. 2,381,226; Aug. 7.
Whittaker, Charles C., and W. A. Graham, Pittsburgh, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Copper base alloys. 2,372,152; Mar. 20.
Whittaker, Donald: *See*—
Myles, J. B., Whittaker, and Siddle.
Whittaker, Edward H., Jersey City, N. J. Flask and weight means therefor. 2,366,581; Jan. 2.
Whittaker, Edward H., Jersey City, N. J. Pattern stripper for foundry plants. 2,366,582; Jan. 2.
Whittaker, Henry C., Memphis, Tenn. Spark plug breather. 2,370,599; Feb. 27.
Whittaker, Henry C., Memphis, Tenn. Pin curl hair roller. 2,381,195; Aug. 7.
Whittaker, James L., Woodbury, N. J., assignor to Radio Corporation of America. Improving the electronic exposure of photographic emulsions. 2,372,465; Mar. 27.
Whitted, John B., Glencoe, assignor to Stewart-Warner Corporation, Chicago, Ill. Electric windshield wiper. 2,370,101; Feb. 20.
Whitted, John B., Evanston, assignor to Stewart-Warner Corporation, Chicago, Ill. Four-way valve. 2,388,890; Nov. 13.
Whittell, Percy, Philadelphia, Pa., and F. J. Carraine, West Collingswood, N. J., assignors to Philco Radio and Television Corporation, Philadelphia, Pa. Radio tube clamp. 2,385,850; Nov. 6.
Whittemore, Winthrop C., Port Washington, assignor to The Dentists' Supply Company, New York, N. Y. Denture articulator. 2,389,101; Nov. 13.
Whittier, William A., Glenview, assignor to The Pure Oil Company, Chicago, Ill. Lubricant and preparing same. 2,382,121; Aug. 14.
Whittington, Herman B.: *See*—
Porter, G. D., and Whittington.
Whittle, Donald G.: *See*—
Noorduyn, R. B. C., and Whittle.
Whittle, Frank, Rugby, England. Turbine and compressor. 2,378,372; June 12.
Whittlesey, Harold M., Columbus, Ohio. Business instrument. 2,371,007; Mar. 6.
Whittlesey, Harold M., Columbus, Ohio. Business instrument and preparation of the same. 2,371,008; Mar. 6.
Whittlesey, Percival W., et al.: *See*—
Herrick, William W., assignor.
Whitworth, Edward, Saltcoats, and T. Thomson, Kilmarnock, Scotland, assignors to Imperial Chemical Industries Limited. Gas pressure-generating cartridge. 2,366,165; Jan. 2.
Whitworth, Ernest B.: *See*—
Cook, A. A., and Whitworth.
Whitworth, Perry V., El Cerrito, Calif. Power transmitting unit. 2,389,174; Nov. 20.
Whitworth, Sir W. G. Armstrong, Aircraft Limited: *See*—
Menzies, Alexander W., assignor.
Whyland, Frank V., Bronx, N. Y. Lock nut. 2,387,375; Oct. 23.
Wiazmitinow, Alexis, Basel, assignor to Sandoz A. G., Fribourg, Switzerland. Printing process for textiles. 2,389,245; Nov. 20.
Wiberg, Oscar A., Finspong, Sweden. Turbine rotor. 2,386,527; Oct. 9.
Wich, John, Chicago, Ill. Pocket current tester. 2,366,991; Jan. 9.
Wichert, Ernest M., Pittsburgh, Pa. Rigid frame bridge and making the same. 2,373,072; Apr. 3.
Wichert, Ernest M., Wilkinsburg, Pa. Deck. 2,375,454; May 8.
Wichert, Ernest M., Wilkinsburg, Pa. Deck. 2,376,989; May 29.
Wickenden, Leonard, Manhasset, N. Y. Treating sugar melts. 2,372,996; Apr. 3.
Wickens, Alexander J., Sioux Lookout, Ontario, Canada. Adjustable cable splicing clamp. 2,372,754; Apr. 3.
Wickens, Edward F., Phillipsburg, N. J., assignor to Ingersoll-Rand Company, New York, N. Y. Drill sharpener. 2,369,627; Feb. 13.
Wicker, Dan B., Dunbar, and C. W. Cox, St. Albans, W. Va., assignors to American Viscose Corporation, Wilmington, Del. Staple fiber cutter. 2,381,240; Aug. 7.
Wickerham, William R., Swissvale, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control system for alternating current drives. 2,384,864; Sept. 18.
Wickerham, William R., Swissvale, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Alternating current motor control system. 2,384,865; Sept. 18.
Wickerham, William R., Swissvale, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Alternating current hoist control. 2,380,580; Oct. 9.
Wickerham, William R., Swissvale, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Hoist control system. 2,380,581; Oct. 9.
Wickert, Jacob N., South Charleston, and B. T. Freure, Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation. Production of pyran derivatives. 2,368,186; Jan. 30.
Wickesser, Arthur: *See*—
De Giers, C. A., and Wickesser.
Wickham, Alfred H., Enfield, England, assignor to Sangamo Electric Company, Springfield, Ill. Gear changing mechanism. 2,375,602; May 8.
Wickham, Henry P.: *See*—
Dickinson, J. T., Wickham, and Morfit.
Wickman, A. C., Limited: *See*—
Bagley, Harold R., assignor.
Wickman Corporation, The: *See*—
Chatelain, Paul E., assignor.
Wicks, Geraldo C., Ramos Mejia, Argentina. Steam boiler. 2,387,103; Oct. 16.
Wicks, John, Oak Park, and H. W. Balzer, Downers Grove, Ill., assignor to Automatic Electric Laboratories, Inc. Telephone system. 2,367,634; Jan. 16.
Wicks, John D., assignor to Accessories Corporation, Gastonia, N. C. Filter replacement unit. 2,367,745; Jan. 23.
Wickstrom, Paul: *See*—
Wellington, Fred G., assignor.
Wickstrum, Cecil M., Omaha, Nebr. Outlet flange for tanks. 2,391,373; Dec. 18.
Wickstrum, Cecil M., Omaha, Nebr. Portable storage tank. 2,391,374; Dec. 18.
Wickwire, Arthur M., Jr., Mountain Lakes, N. J., assignor to Interchemical Corporation, New York, N. Y. Apparatus for smoothing thermoplastic coating materials. 2,381,942; Aug. 14.
Wico Electric Company: *See*—
Harmon, K. A., and Atwood, assignors.
Phelon, Russell E., assignor.
Wiczer, Sol B., Washington, D. C. Motor fuel. 2,384,866; Sept. 18.
Wiczer, Sol B., Washington, D. C. Solidified unstable compounds. 2,388,719; Nov. 13.
Widdicomb, John, Company: *See*—
Stuart, Alexander H., assignor.
Widdowson, Albert H.: *See*—
Holmes, H. H., and Widdowson.
Wildt, E., Holmes, and Widdowson.
Widell, Charles, assignor to Prismacolor, Inc., Chicago, Ill. Film transort mechanism. 2,384,358; Sept. 4.
Widmann, Willi, assignor to E. L. Skinner, Detroit, Mich. Filter. 2,382,278; Aug. 14.
Widmer, Gustav, Basel, and W. Fisch, Binningen, Switzerland, assignors to Ciba Products Corporation, Hoboken, N. J. Synthetic binding agents and their use. 2,370,278; Feb. 27.
Widmer, Gustave, Basel, and W. Fisch, Binningen, Switzerland, assignors, by mesne assignments, to the firm Ciba Products Corporation, Dover, Del. Aldehyde condensation products and making same. 2,387,547; Oct. 23.
Widmer, René, assignor to Paillard & Cie. S. A., Sainte-Croix, Switzerland. Device for controlling the shutter with a variable opening of cinematographic photographing apparatus. 2,376,300; May 15.
Widmer, René, assignor to Paillard & Cie. S. A., Sainte-Croix, Switzerland. Device for controlling the opening and closing of a variable shutter for cinematographic photographing apparatus. 2,376,301; May 15.
Widmer, René, assignor to Paillard & Cie. S. A., Sainte-Croix, Switzerland. Cinematographic photographing apparatus. 2,376,302; May 15.
Widmont, Joseph C., assignor to The National Cash Register Company, Dayton, Ohio. Machining and assembling apparatus. 2,370,828; Mar. 6.
Widrich, Anton, Eatontown, N. J. Explosive rivet. 2,378,118; June 12.
Wiechert, George A., assignor of thirty-three and one-third percent to E. P. Jennings, New York, N. Y. Cutting cusp for dentures. 2,375,500; May 8.
Wieczorek, George A., Jr., Pittsburgh, and C. B. Jackson, Forest Hills, Pa. Canister. 2,389,225; Nov. 20.
Wiedemann, Hans: *See*—
Keuffel, C. W., Wiedemann, and Shields.

Wiedemeier, Alfred, assignor to Landis & Gyr, A-G., Zug, Switzerland. Synchronous motor time meter. 2,384,581; Sept. 11.
Wiederkehr, Robert, Erlenbach, assignor to Aktiengesellschaft fuer Technische Studien, Zurich, Switzerland. Gas heater. 2,385,177; Sept. 18.
Wiegand, Edwin L., assignor to Orefraction Incorporated, Pittsburgh, Pa. Separation. 2,369,878; Feb. 20.
Wiegand, Edwin L., assignor to Orefraction Incorporated, Pittsburgh, Pa. Conveying system. 2,375,057; May 1.
Wiegand, Edwin L., assignor to Edwin L. Wiegand Company, Pittsburgh, Pa. Electrical heating element and producing the same. 2,375,058; May 1.
Wiegand, Edwin L., assignor to Edwin L. Wiegand Company, Pittsburgh, Pa. Manufacture of electric heaters. 2,376,840; May 22.
Wiegand, Edwin L., assignor to Orefraction Incorporated, Pittsburgh, Pa. Apparatus for the electrostatic separation of material particles. 2,382,122; Aug. 14.
Wiegand, Edwin L., assignor to Orefraction Incorporated, Pittsburgh, Pa. Processing of materials. 2,387,548; Oct. 23.
Wiegand, Edwin L., Company: *See*—
Wiegand, Edwin L., assignor.
Wiegand, Francis J., Ridgewood, N. J., assignor to Wright Aeronautical Corporation. Fuel distributor. 2,366,891; Jan. 9.
Wiegand, William B., Old Greenwich, Conn., and H. A. Braendle, Garden City, assignors to Columbian Carbon Company, New York, N. Y. Manufacture of carbon black. 2,378,055; June 12.
Wiegers, Irvin E., Overland, Mo., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Refrigerating system. 2,385,243; Sept. 18.
Wiegman, Clarence F.: *See*—
Fish, L. R., and Wiegman.
Wiehl, William J., Roselle, assignor of one-half to Everlasting Valve Company, Jersey City, N. J. Lubricated gate valve. 2,383,099; Aug. 21.
Wieking, William C.: *See*—
Budden, E. L., and Wieking.
Wieland, Daniel A., assignor to Pangborn Corporation, Hagerstown, Md. Hydraulic sand feeder. 2,366,763; Jan. 9.
Wiener, Paul L., assignor to Ratio Structures, Inc., New York, N. Y. Building structure. 2,382,361; Aug. 14.
Wienke, Norman B.: *See*—
Cullman, O., Hornbrook, and Wienke.
Wiepert, George D., New Haven, assignor to The Merriam Manufacturing Company, Durham, Conn. Record-card holder. 2,371,487; Mar. 13.
Wiertz, Anthony P., Dayton, Ohio. Form-raising jack. 2,369,195; Feb. 13.
Wiesbach, Juan M. R., San Luis Potosi, Mexico. Vibratory separator. 2,367,478; Jan. 16.
Wiest, Horace G., Wilmington, Del., assignor to General Electric Company. Dynamoelectric machine. 2,367,079; Jan. 9.
Wigal, Voorhis F., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Synthetic spongy material. 2,386,995; Oct. 16.
Wigelsworth, Arthur E., Los Angeles, assignor to Anabolic Food Products, Inc., Glendale, Calif. Blanching vegetable materials. 2,373,521; Apr. 10.
Wiggermann, Georg, Gladbach-Rheydt, Germany; vested in the Alien Property Custodian. Warping machine. 2,382,760; Aug. 14.
Wiggins, John H., Chicago, Ill. Leveling mechanism for gas holders and similar apparatus. 2,366,821; Jan. 9.
Wiggins, John H., Chicago, Ill. Gauging apparatus for liquid storage tanks. 2,377,288; May 29.
Wiggins, John H., Chicago, Ill. Liquid sealed vent valve 2,384,147; Sept. 4.
Wiggins, John H., Chicago, Ill. Floating roof for liquid storage tanks. 2,386,022; Oct. 2.
Wiggins, John H., Chicago, Ill. Drainage means for floating tank roofs. 2,390,141; Dec. 4.
Wiggs, James W.: *See*—
Hensel, F. R., Emmert, and Wiggs.
Wight, Ralph L.: *See*—
Oden, T. K., and Wight.
Wight, Sedgwick N.: *See*—
Field, O. S., and Wight.
Wight, Sedgwick N., assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. 2,368,957; Feb. 6.
Wightman, Lawrance W., Fort Wayne, Ind., assignor to General Electric Company. Centrifugal fan. 2,370,600; Feb. 27.
Wigton, Matt H., assignor to The Bastian-Blessing Company, Chicago, Ill. Apparatus for mixing and burning fuel. 2,378,346; June 12.
Wihanto, Adolph K., Boston, Mass. Revolving electrical contact point. 2,387,961; Oct. 30.
Wikander, Oscar R.: *See*—
Bell, D. S., and Wikander.
Wiken, Christy A., Milwaukee, Wis., assignor, by mesne assignments, to The Delta Manufacturing Company. Grinder. 2,374,716; May 1.
Wiken, Christy A., and H. V. Boehnke, Milwaukee, Wis., assignors to The Delta Manufacturing Company. Cutting machine. 2,372,699; Apr. 3.
Wiken, Christy A., and E. A. Reibig, assignors, by mesne assignments, to The Delta Manufacturing Company, Milwaukee, Wis. Machine protective apparatus. 2,384,512; Sept. 11.
Wiken, Christy A., and E. A. Reibig, assignors, by mesne assignments, to The Delta Manufacturing Company, Milwaukee, Wis. Machine tool. 2,386,283; Oct. 9.
Wikoff, Helen L., Columbus, Ohio. Production of low temperatures. 2,378,815; June 19.
Wikstrom, Oskar W.: *See*—
Gregoire, Horace W., assignor.
Wilbar, Isaac R., Peach Bottom, Pa. Specific gravity testing device. 2,367,080; Jan. 9.
Wilber, Carl L., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Making axle spindles. 2,368,695; Feb. 6.
Wilbur, Eliza E., et al., executors: *See*—
Wilbur, Ralph H.
Wilbur, Harland A., et al., executors: *See*—
Wilbur, Ralph H.
Wilbur, Harold R.: *See*—
Lieb, F. E., and Wilbur.
Wilbur, Ralph H., deceased, Melrose, Mass.; E. E. and H. A. Wilbur, executors. Wrapper. 2,384,223; Sept. 4.
Wilbur, William K.: *See*—
Nelms, G. C., Coggeshall, Berry, and Wilbur.
Wilbur, William T.: *See*—
Wallace, D. A., Hewlett, and Wilbur.
Wilcolator Company, The: *See*—
Graves, Theodore E., assignor.
Wilcox, Charles F., Cambridge, Mass. Electronic transformer. 2,368,625; Feb. 6.
Wilcox, George G., assignor to Associated Spring Corporation, Bristol, Conn. Spring testing machine. 2,381,241; Aug. 7.
Wilcox, Howard M., Wilkinsburg, B. P. Baker, Turtle Creek, and H. J. Webb, Forest Hills, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,374,062; Apr. 17.
Wilcox, Isaac L.: *See*—
Price, J. F., and Wilcox.
Wilcox, Isaac L., and R. Horning, assignors to Oswego Falls Corporation, Fulton, N. Y. Container. 2,382,035; Aug. 14.
Wilcox, John C., Erie, Pa. Vibration absorption driving device for machine dogs. 2,390,976; Dec. 11.
Wilcox, Mary P., executrix: *See*—
Wilcox, William D.
Wilcox, Philip E., New York, N. Y., assignor to The Leavitt Machine Company, Orange, Mass. Refacing of valve gates. 2,383,755; Aug. 28.
Wilcox, Thomas W., Harrow, England, assignor to General Electric Company. Electric circuit interrupter. 2,391,759; Dec. 25.
Wilcox, William D., deceased, by M. P. Wilcox, Enterprise, Fla., executrix, assignor, by mesne assignments, to Oil and Gas Research, Inc., Wilmington, Del. Apparatus for the production of acetylene and carbon black by the pyrolysis of hydrocarbon gases and vapors. 2,374,252; Apr. 24.
Wilcox, William H., Stockton, Calif., assignor to California Cedar Products Company. Treating articles. 2,386,828; Oct. 16.
Wild, Albert F., Scotia, N. Y., assignor to General Electric Company. Butter conditioner. 2,375,714; May 8.
Wild, Albert F., Scotia, N. Y., assignor to General Electric Company. Food storage receptacle. 2,378,816; June 19.
Wild, Henry W., Waterbury, Conn. Soap holder. 2,367,161; Jan. 9.
Wild, Henry W., assignor to Scovill Manufacturing Company, Waterbury, Conn. Terminal post. 2,386,171; Oct. 2.
Wildbore, Wilfred J. L., London, W. C. 2, assignor to Standard Telephones and Cables Limited, London, England. Apparatus for winding strands particularly for lapping or braiding machines. 2,370,899; Mar. 6.
Wilde, Edgar D.: *See*—
Taylor, R. G., Jr., and Wilde.
Wildenhein, William A., Elyria, Ohio. Power truck and propulsion means therefor. 2,387,696; Oct. 23.
Wilder, Charlton, Cincinnati, Ohio, assignor of fifty per cent to A. Price, University City, Mo. Dispensing machine. 2,380,093; July 10
Wilder, Frank N.: *See*—
Starkweather, H. W., and Wilder.
Wilder, Lot S., assignor to Eastman Kodak Company, Rochester, N. Y. Color photography. 2,376,217; May 15.
Wilder, Richard S.: *See*—
Ogilvie, J., and Wilder, assignors.
Wilders, George, Kegworth, assignor to William Cotton Limited, Loughborough, England. Knitting machine screw-racking mechanism. 2,371,091; Mar. 6.
Wilderson, Eli, assignor to Ditto, Incorporated, Chicago, Ill. Duplicating apparatus 2,380,004; July 10.
Wildhaber, Ernest, Brighton, assignor to Gleason Works, Rochester, N. Y. Producing gears. 2,372,240; Mar. 27.
Wildhaber, Ernest Brighton, assignor to Gleason Works, Rochester, N. Y. Producing gears. 2,372,241; Mar. 27.
Wildhaber, Ernest, Brighton, assignor to Gleason Works, Rochester, N. Y. Method and machine for producing gears. 2,376,465; May 22.

Wildhaber, Ernest, Brighton, assignor to Gleason Works, Rochester, N. Y. Dressing mechanism. 2,381,150; Aug. 7.
Wildhaber, Ernest, Brighton, assignor to Gleason Works, Rochester, N. Y. Face clutch. 2,384,582; Sept. 11.
Wildhaber, Ernest, Brighton, assignor to Gleason Works, Rochester, N. Y. Face clutch. 2,384,583; Sept. 11.
Wildhaber, Ernest, Brighton, assignor to Gleason Works, Rochester, N. Y. Face clutch. 2,384,584; Sept. 11
Wildhaber, Ernest, Brighton, assignor to Gleason Works, Rochester, N. Y. Face clutch. 2,388,456; Nov. 6.
Wildman Mfg. Co.: *See*—
Howie, K., and Krieble, assignors.
Wildt and Company: *See*—
Wildt, E., Holmes, and Widdowson, assignors.
Wildt and Company Limited: *See*—
Holmes, Henry H., assignor.
Holmes, H. H., and Hurd, assignors.
Holmes, H. H., and Widdowson, assignors.
Wildt, Edwin, H. H. Holmes, and A. H. Widdowson, Leicester, England, assignors to Wildt and Company. Knitting machine. 2,391,665; Dec. 25.
Wile, Raymond S., assignor to Wile Service, Inc., Flushing, N. Y. Treating ores and electric furnace therefor. 2,368,508; Jan. 30.
Wile, Raymond S., Flushing, assignor to Induction Heating Corp., New York, N. Y. Hardening steels. 2,374,634; Apr. 24.
Wile Service, Inc.: *See*—
Wile, Raymond S., assignor.
Wilensky, Harry L., New York, N. Y. Massaging and shampooing scalp brush. 2,379,330; June 26.
Wiles, Ethel F., executrix: *See*—
Wiles, Russell, assignor.
Wiles, Robert C. Newcastle-on-Tyne, assignor to Charles Crofton and Company (Engineers) Limited, Wallsend-on-Tyne, England. Valve for pneumatic tools. 2,372,920; Apr. 3.
Wiles, Robert C., Heaton, Newcastle-on-Tyne, assignor to Charles Crofton and Company (Engineers) Limited, Wallsend-on-Tyne, England. Valve for pneumatic tools. 2,377,595; June 5.
Wiles, Russell, deceased, Chicago, Ill.: E. F. Wiles, executrix, assignor to E. F. Wiles. Trigger. 2,387,788; Oct. 30.
Wiley, Carl H.: *See*—
Petty, W., and Wiley, assignors.
Wiley, Clifford J.: *See*—
Canady, Buel H., assignor.
Wiley, John W., New York, N. Y. Key lock. 2,385,244; Sept. 18.
Wiley, John W., Lancaster Township, Lancaster County, assignor to Armstrong Cork Company, Lancaster, Pa. Shoe stiffener blanks. 2,378,673; June 19.
Wiley, John W., Lancaster Township, Lancaster County, assignor to Armstrong Cork Company, Lancaster, Pa. Box toe materials and making the same. 2,378,674; June 19.
Wiley, Lee M., assignor of one-third to J. T. Lett and one-third to R. B. Wiley, Marion, Ind. Sheet pulp container forming apparatus. 2,377,392; June 5.
Wiley, Lee M., assignor of one-third to R. B. Wiley and one-third to J. T. Lett, Marion, Ind. Forming plastic coated containers. 2,377,393; June 5.
Wiley, Ralph M., assignor to The Dow Chemical Company, Midland, Mich. Fabricating polymeric vinylidene chloride. 2,385,318; Sept. 18.
Wiley, Ralph M., assignor to The Dow Chemical Company, Midland, Mich. Treating polymeric vinylidene chloride. 2,390,035; Nov. 27.
Wiley, Reeley B., et al.: *See*—
Wiley, Lee M., assignor.
Wiley, Richard H.: *See*—
Fisher, N. G., and Wiley.
Wiley, Richard H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of dialkyl peroxides. 2,369,096; Feb. 6.
Wiley, William R., Birmingham, Mich. Door latch construction. 2,383,576; Aug. 28.
Wilfert, Karl: *See*—
Barényi, B., and Wilfert.
Wilhelm, Edward A.: *See*—
Boyles, R. R., and Wilhelm.
Wilhelm, Henry T., Long Island City, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Standard for electrical measurements. 2,373,156; Apr. 10.
Wilhelm, Edward A., assignor to Waterous Company, St. Paul, Minn. Multistage centrifugal pump. 2,391,811; Dec. 25.
Wilhelm, Warren F., Chicago, Ill. Fluid distributing mechanism. 2,378,273; June 12.
Wilhelm, Warren F., Chicago, Ill. Tablet and packaging same. 2,386,416; Oct. 9.
Wilhening Manufacturing Company: *See*—
Engelhardt, Carl F., assignor.
Wilkerson, Jefferson R.: *See*—
Rea, W. T., and Wilkerson.
Wilkes, Benjamin G., Wilkinsburg, Pa., and W. A. Denison, South Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation. Antistatic treatment of vinyl resin textiles. 2,381,020; Aug. 7.
Wilkes, Donald P.: *See*—
Decker, J. A., and Wilkes.
Wilkes, Gilbert, Jacksonwald, and F. M. Reed, Elton Adams Township, Cambria County, Pa. Heat pump system. 2,375,157; May 1.
Wilkie, John B., Silver Spring, Md., dedicated to the free use of the people in the territory of the United States. Measuring instrument. 2,381,414; Aug. 7.
Wilkie, Leighton A., Des Plaines, Ill. Amphibious vehicle. 2,370,508; Feb. 27.
Wilkin, Lester A., East Chicago, Ind., assignor to Graver Tank & Mfg. Co., Inc., Catasauqua, Pa. Expansion roof structure with counterbalancing means. 2,373,797; Apr. 17.
Wilkins, Edward L., Las Animas, Colo. Beet harvester. 2,376,950; May 29.
Wilkins, Howard W., Warren, assignor to The Murray Corporation of America, Detroit, Mich. Spring forming machine. 2,390,283; Dec. 4.
Wilkins, Richard A., assignor to Revere Copper and Brass Incorporated, Rome, N. Y. Brass pipe and tube. 2,369,813; Feb. 20.
Wilkins, Stanley D., Berkeley, assignor to California Pellet Mill Company, San Francisco, Calif. Pest control. 2,369,097; Feb. 6.
Wilkins, Walter S., Wednesbury, England. Power press. 2,375,398; May 8.
Wilkinson, Ben: *See*—
Taylor, August M., assignor.
Wilkinson, Donald G.: *See*—
Giles, C. H., and Wilkinson.
Wilks, John R., assignor to The American Rolling Mill Company, Middletown, Ohio. Bridge decking and the like. 2,382,761; Aug. 14.
Will, Phillip C.: *See*—
Webster, R. S., and Will.
Willaman, John J., Plymouth Meeting, Pa., assignor to Clande R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Thickening and congealing agent. 2,373,729; Apr. 17.
Willamette Hyster Company: *See*—
Johnson, George V., assignor.
Shoemaker, Robert C., assignor.
Willard, Ellery D., Johnstown, N. Y. Bowling glove. 2,391,851; Dec. 25.
Willard, Gerald W., Fanwood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Ultrasonic cell. 2,366,822; Jan. 9.
Willard, Robert P., Lewiston, N. Y., assignor to Moore Business Forms, Inc. Cylinder for printing presses. 2,375,603; May 8.
Willard, Robert P., Lewiston, N. Y., assignor to Moore Business Forms, Inc. Record and carbon strip control for writing machines. 2,391,760; Dec. 25.
Willard Storage Battery Company: *See*—
Fairclough, Edward, assignor.
Hatfield, James E., assignor.
Huntsberger, Herbert D., assignor.
Koenig, H. L., Billheimer, and Havlick, assignors.
Sutherland, E. M., and Endress, assignors.
Willauer, Earl E., Cranford, and I. P. Jones, Basking Ridge, N. J., assignors to Standard Oil Development Company. Recovery and regeneration of isobutene. 2,380,350; July 10.
Willcox & Gibbs Sewing Machine Company: *See*—
Backlin, Clarence R., assignor.
Cumfer, Donald A., assignor.
Townsend, N. F., and Tamburro, assignors.
Willcox, Thomas N., Pittsfield, Mass., assignor to General Electric Company. Making spark plug unit bushings. 2,390,821; Dec. 11.
Willcox, Thomas N., Pittsfield, Mass., and H. H. Race, Schenectady, N. Y., assignors to General Electric Company. Spark plug unit bushing. 2,390,820; Dec. 11.
Willenborg, Walter J., Weehawken, assignor, by mesne assignments, to Walter Kidde & Company, Inc., Belleville, N. J. Combustion control device. 2,369,698; Feb. 20.
Willens, Robert A. A., London, England, assignor to Celanese Corporation of America. Calculating device. 2,375,878; May 15.
Willett, Albert V., Jr.: *See*—
Carter, A. S., and Willett.
Willett, Leon E: *See*—
Breitenbach, R. H., and Willett.
Willett, Warren P., Takoma Park, Md., assignor to Vickers, Incorporated, Detroit, Mich. Hydraulic control mechanism. 2,381,795; Aug. 7.
Willey, Irvin A.: *See*—
Boicey, J. H., and Willey.
Willhoit Engineering Corporation: *See*—
Williams, Lewis E., assignor.
Wm. Bros. Boiler & Manufacturing Co.: *See*—
Carroll, Charles V., assignor.
Williams, Absalom D., South Haven, Mich., assignor of fifty-five one-hundredths to E. R. Brewer, Chicago, Ill. Injector valves. 2,376,565; May 22.
Williams, Albert J., Jr., assignor to Leeds and Northrup Company, Philadelphia, Pa. Electrical measuring system. 2,367,746; Jan. 23.
Williams, Alfred L. W.: *See*—
Arndt, J. P., Jr., Brown, and Williams.
Brown, W. J., and Williams.
Williams, Alfred L. W., Cleveland Heights, assignor to The Brush Development Company, Cleveland, Ohio. Intercommunication system. 2,383,832; Aug. 28.

Williams, Alfred L. W., Cleveland Heights, assignor to The Brush Development Company, Cleveland, Ohio. Sound translating apparatus. 2,386,996; Oct. 16.
Williams, Alfred O., Battle Creek, assignor to Clark Equipment Company, Buchanan, Mich. Brake applying means. 2,374,909; May 1.
Williams, Alfred O., Battle Creek, assignor to Clark Equipment Company, Buchanan, Mich. Brake construction. 2,386,023; Oct. 2.
Williams, Alfred O., Battle Creek, assignor to Clark Equipment Company, Buchanan, Mich. Brake. 2,388,104; Oct. 30.
Williams, Allan E., White Plains, assignor to Niagara Blower Company, New York, N. Y. Apparatus for cooling or dehumidifying air. 2,373,964; June 26.
Williams, Alonzo J., McLoud, Okla. Syringe. 2,383,280; Aug. 21.
Williams, Amos D., Philadelphia, Pa. Apparatus for producing a form of pig iron of low carbon content. 2,375,510; May 8.
Williams, Arthur, Munster, Ind., assignor to The Superheater Company, New York, N. Y. Water evacuation system in tangential driers. 2,368,509; Jan. 30.
Williams, Arthur F., assignor to Wile-Edge Corporation, St. Paul, Minn. Spectacles. 2,384,867; Sept. 18.
Williams, Arthur H., Riverside, assignor to Shafer Bearing Corporation, Chicago, Ill. Antifriction bearing. 2,387,962; Oct. 30.
Williams, Arthur, Munster, Ind., and E. Henkel, Calumet City, Ill., assignors to The Superheater Company, New York, N. Y. Injector. 2,389,656; Nov. 27.
Williams, Ben H., assignor to The Mutual Life Insurance Company, New York, N. Y. Chart. 2,386,644; Oct. 9.
Williams, Benjamin F., Salem, Oreg. Respiratory mask. 2,389,102; Nov. 13.
Williams, Benjamin M., St. Louis, Mo., and F. L. Rushing, Tampa, Fla., assignors to Baylord Container Corporation, St. Louis, Mo. Container. 2,366,304; Jan. 2.
Williams, Benjamin N., Beacon, and T. D. Sanford, New York, N. Y. Stevedore jack. 2,369,383; Feb. 13.
Williams, Beverly E., assignor to Industrial Patents Corporation, Chicago, Ill. Treatment of animal carcasses. 2,379,645; July 3.
Williams, Beverly E., assignor to Industrial Patents Corporation, Chicago, Ill. Refrigerator car and using. 2,381,796; Aug. 7.
Williams, Beverly E., and L. L. Cadwell, assignors to Industrial Patents Corporation, Chicago, Ill. Treatment of animal carcasses. 2,387,221; Oct. 16.
Williams, Beverly E., and L. L. Cadwell, assignors to Industrial Patents Corporation, Chicago, Ill. Treating carcasses. 2,388,891; Nov. 13.
Williams, Bradlee W. apd H. S., assignors to Tech Equipment Company, Chicago, Ill. Cardiometric apparatus. 2,375,059; May 1.
Williams, Charles B., Shaker Heights, assignor to Automatic Safety Wringer Company, Cleveland, Ohio. Wringer. 2,369,999; Feb. 20.
Williams, Charles B., Shaker Heights, and T. W. Kaestner, assignors, by direct and mesne assignments, to Automatic Safety Wringer Company, Cleveland, Ohio. Wringer. 2,369,700; Feb. 20.
Williams, Charles B., Shaker Heights, and T. W. Kaestner, assignors to Automatic Safety Wringer Company, Cleveland, Ohio. Wringer. 2,369,701; Feb. 20.
Williams, Charles B., Shaker Heights, Ohio, and T. W. Kaestner, Dearborn, Mich., assignors to Automatic Safety Wringer Company. Wringer. 2,369,702; Feb. 20.
Williams, Charles O., Washougal, Wash. Framing instrument. 2,368,958; Feb. 6.
Williams, Charles W.: *See*—
Nash, L. W., and Williams.
Williams, Charles W., Shaker Heights, Ohio, assignor to Automatic Safety Wringer Company. Wringer. 2,369,703; Feb. 20.
Williams, Charles W., Shaker Heights, Ohio, assignor to Automatic Safety Wringer Company. Pressure establishing mechanism. 2,369,704; Feb. 20.
Williams, Clarence R., assignor to Atlantic Service Company, Inc., Brooklyn, N. Y. Grinding machine. 2,375,604; May 8.
Williams, Dan T., Robinson, assignor of one-fourth to G. W. Miller, Oblong, and one-sixteenth to C. E. Jones, Robinson, Ill. Gyroscopic power transmission. 2,390,341; Dec. 4.
Williams, David C., Waynesboro, Ga. Insect catching machine. 2,374,150; Apr. 17.
Williams, David H., Canfield, Ohio, assignor to R. C. Switzer, South Euclid, and J. L. Switzer, Cleveland Heights, Ohio. Arterial embalming method and arterial embalming fluid. 2,380,351; July 10.
Williams, David M., Godwin, N. C. Firearm. 2,373,622; Apr. 10.
Williams, David M., Godwin, N. C. Firearm. 2,377,737; June 5.
Williams, David M., assignor to Western Cartridge Company, New Haven, Conn. Firing mechanism for firearms. 2,366,823; Jan. 9.
Williams, David M., assignor to Western Cartridge Company, New Haven, Conn. Receiver-assembly for firearms. 2,373,213; Apr. 10.
Williams, David M., New Haven, Conn., assignor to Olin Industries, Inc., Piston means for gas-operated firearms. 2,376,466; May 22.
Williams, Earl R.: *See*—
Kieselbach, H. A., and Williams.
Williams, Edmond B., Litchfield, assignor to The Torrington Manufacturing Company, Torrington, Conn. High-pressure blower. 2,382,687; Aug. 14.
Williams, Edmond B., Litchfield, assignor to The Torrington Manufacturing Co., Torrington, Conn. Electric heater. 2,385,121; Sept. 18.
Williams, Edmond G., Northwich, England, assignor to Imperial Chemical Industries Limited. Extrusion of thermoplastic materials. 2,384,224; Sept. 4.
Williams, Edward B., Jr., Greenville, Tex. Step-cut drill bit. 2,371,490; Mar. 13.
Williams, Edward B., Jr., Greenville, Tex. Drill bit. 2,381,415; Aug. 7.
Williams, Edward B., Jr., Greenville, Tex., assignor of one-third to H. C. Grubb, and one-third to S. P. Daniel, Tulsa, Okla. Core bit. 2,371,488; Mar. 13.
Williams, Edward B., Jr., Greenville, Tex., assignor of one-third to S. P. Daniel, and one-third to H. C. Grubb, Tulsa, Okla. Drill bit. 2,371,489; Mar. 13.
Williams, Edward C., Peterborough, Ontario, Canada. Loose-leaf binder. 2,386,024; Oct. 2.
Williams, Emmett C., Pittsburgh, Pa. Testing device for control thermostats. 2,383,756; Aug. 28.
Williams, Ernest P., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Speed regulating device. 2,386,645; Oct. 9.
Williams, Francis A., and G. G. Rusznyak, Toronto, Ontario, Canada. Apparatus and method for molding concrete blocks. 2,382,458; Aug. 14.
Williams, Francis B., Columbus, Ohio. Faucet attachment. 2,370,433; Feb. 27.
Williams, Francis J., Port Washington, assignor to National Lead Company, New York, N. Y. Preparing barium aluminate. 2,375,715; May 8.
Williams, Francis J., Port Washington, N. Y., and J. A. Orsino, Westfield, N. J., assignors to National Lead Company, New York, N. Y. Storage battery. 2,389,832; Nov. 27.
Williams, Francis J., Port Washington, N. Y., and M. Kaplan, Trenton, N. J.; said Williams assignors to National Lead Company, New York, N. Y. Container and closure therefor. 2,391,212; Dec. 18.
Williams, Frank P.: *See*—
Graham, A. K., Smith, and Williams.
Williams, Franklin C., W. T. Hanson, Jr., and H. F. Ott, assignors to Eastman Kodak Company, Rochester, N. Y. Photographic tone correction mask. 2,384,665; Sept. 11.
Williams, Fred D., Jr., assignor to Samuel Ruben, New Rochelle, N. Y. Rectifier forming. 2,375,181; May 1.
Williams, Fred D., Jr., assignor to Samuel Ruben, New Rochelle, N. Y. Ignition system. 2,389,639; Nov. 27.
Williams, George G., Detroit, Mich. Scaffold-ladder. 2,371,092; Mar. 6.
Williams, George L., Manchester, assignor to United Aircraft Corporation, East Hartford, Conn. Propeller supporting and driving mechanism. 2,369,422; Feb. 13.
Williams, Glynn H., Huntington Park, assignor to Axelson Manufacturing Co., Los Angeles, Calif. Stop mechanism for machine tools. 2,373,934; Apr. 17.
Williams Gold Refining Company, Inc.: *See*—
Ringle, C. J., Hiatt, and Smith, assignors.
Williams, Harold W., Nutley, M. L. Mount, Westfield, and A. M. Nelson, assignors to Westinghouse Electric Elevator Company, Jersey City, N. J. Elevator dispatching system. 2,367,988; Jan. 23.
Williams, Harold W., Nutley, D. Santini, Tenafly, and M. L. Mount, Westfield, N. J., assignors, by mesne assignments, to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Selective high call reversal. 2,376,218; May 15.
Williams, Harrison L., Huntsville, Ala. Lug strap holder for picker sticks. 2,380,352; July 10.
Williams, Harry A., Glenside, Pa., assignor to Bendix Aviation Corporation, Teterboro, N. J. Fluid flow meter. 2,385,901; Oct. 2.
Williams, Herbert P., London, W. C. 2, England, assignor to International Standard Electric Corporation, New York, N. Y. Blind landing system using electromagnetic waves. 2,372,620; Mar. 27.
Williams, Herman J., Charleston, S. C., assignor to West Virginia Pulp and Paper Company, New York, N. Y. Evening roll for flow boxes. 2,390,977; Dec. 11.
Williams, Homer S.: *See*—
Williams, Bradlee W. and H. S.
Williams, Horace G.: *See*—
Iddings, R. C., Bork, and Williams.
Williams, Howard S., Hartford, Conn. Fracture splint. 2,384,779; Sept. 11.
Williams, Ira, assignor to J. M. Huber Corporation, Borger, Tex. Purification of plant rubbers. 2,390,860; Dec. 11.
Williams, James A., Sr., Belfast, Tenn. Valve grinder. 2,373,522; Apr. 10.
Williams, James H.: *See*—
Ericks, W. P., and Williams.
Williams, James H., Riverside, and R. O. Roblin, Jr., Old Greenwich, Conn., assignors to American Cyanamid Company, New York, N. Y. Monoacyl-p,p'-diaminodiphenyl sulphones and process of making same. 2,366,664; Jan. 2.
Williams, John J., Green Camp, Ohio. Back rest. 2,368,436; Jan. 30.

Williams, John M.: *See*—
Delfoe, E. F., and Williams.
Williams, Laurene: *See*—
Wyckoff, Roger S., assignor.
Williams, Lawrence S.: *See*—
Marshall, C. O., and Williams.
Williams, Lawrence S., assignor to Toledo Scale Company, Toledo, Ohio. Weighing scale. 2,366,947; Jan. 9.
Williams, Lawrence S., assignor to Toledo Scale Company, Toledo, Ohio. Weighing scale. 2,368,626; Feb. 6.
Williams, Lawrence S., assignor to Toledo Scale Company, Toledo, Ohio. Weighing scale. 2,373,366; Apr. 10.
Williams, Lawrence S., assignor to Toledo Scale Company, Toledo, Ohio. Weighing scale. 2,378,274; June 12.
Williams, Lawrence S., assignor to Toledo Scale Company, Toledo, Ohio. Weighing scale. 2,379,207; June 26.
Williams, Lawrence S., assignor to Toledo Scale Company, Toledo, Ohio. Sensing mechanism. 2,385,323; Sept. 18.
Williams, Lawrence S., assignor to Toledo Scale Company, Toledo, Ohio. Bearing. 2,387,202; Oct. 16.
Williams, Lawrence S., Toledo, Ohio, assignor to Toledo Scale Company, Printing scale. 2,390,482; Dec. 4.
Williams, Lee B., Pittsburgh, Pa. Ventilating fan. 2,372,621; Mar. 27.
Williams, Lee B., Pittsburgh, Pa. Noiseless vacuum cleaner. 2,378,347; June 12.
Williams, Leo C.: *See*—
Baker, L., and Williams.
Williams, Lewis E., Long Beach, assignor to Willhoit Engineering Corporation, Hawthorne, Calif. Pump. 2,388,187; Jan. 30.
Williams, Louis W., Brooklyn, N. Y. Foundation. 2,373,798; Apr. 17.
Williams, Margaret L.: *See*—
Riese, Karl F., assignor.
Williams, Miles H., Los Angeles, Calif. Brake shoe assembling and disassembling device. 2,391,213; Dec. 18.
Williams, Norman D.: *See*—
Ross, W. B., Backoff, and Williams.
Williams, Norman D., and W. J. Backoff, assignors to The Pure Oil Company, Chicago, Ill. Motor fuel adjuvant. 2,367,515; Jan. 23.
Williams, Norman D., Chicago, and W. J. Backoff, Elmhurst, assignors to The Pure Oil Company, Chicago Ill. Stabilized lubricants. 2,375,060; May 1.
Williams, Norman D., Chicago, and W. J. Backoff, Elmhurst, assignors to The Pure Oil Company, Chicago, Ill. Stabilized lubricant and preparing the lubricant additive for this lubricant. 2,375,061; May 1.
Williams, Norman H., assignor to Humphreys & Glasgow Limited, Westminster, England. Water gas and producer gas generator. 2,369,628; Feb. 13.
Williams, Paul H.: *See*—
Evans, T. W., and Williams.
Williams, Paul H., Berkeley, and S. A. Ballard and T. W. Evans, Oakland, assignors to Shell Development Company, San Francisco, Calif. Production of phenolic compounds. 2,369,196; Feb. 13.
Williams, Paul H., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Esters of thiocyano-substituted organic acids. 2,376,105; May 15.
Williams, Philip S., and M. W. Kriegel, Tulsa, Okla., assignors to Standard Oil Development Company. Apparatus for gas analysis. 2,389,706; Nov. 27.
Williams, Raleigh J., New Orleans, La. Grapple. 2,367,252; Jan. 16.
Williams, Ralph T., Chicago, Ill., assignor to Automatic Electric Laboratories, Inc. Battery charging system. 2,377,596; June 5.
Williams, Robert A., Chicago, Ill. Bookbinding method and means. 2,371,566; Mar. 13.
Williams, Robert H.: *See*—
Radertscher, D. E., Williams, and Berger.
Williams, Robert H., Merchantville, and E. W. Fuller, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Mineral oil composition. 2,388,199; Oct. 30.
Williams, Rolla G., Thorntown, Ind. Diamond dressing tool and forming same. 2,368,696; Feb. 6.
Williams, Russell J., St. Louis, Mo., assignor to Bemis Bro. Bag Co., Minneapolis, Minn. Making bag bodies. 2,381,850; Aug. 7.
Williams, Russell J., Manhassett Village, assignor to Bemis Bro. Bag Company, St. Louis. Web pasting apparatus. 2,382,929; Aug. 14.
Williams, Russell J., Manhassett Village, assignor to Bemis Bro. Bag Company, St. Louis, Mo. Laminating apparatus. 2,382,930; Aug. 14.
Williams, Samuel B., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Control system. 2,366,583; Jan. 2.
Williams, Samuel B., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Record controlled system. 2,386,763; Oct. 16.
Williams, Sharon H., Lindale, Ga. Loom weaver's implement. 2,374,795; May 1.
Williams, Sidney B., West Caldwell, N. J., assignor to Curtiss-Wright Corporation. Arc decreasing circuit. 2,386,377; Oct. 9.
Williams, Vernon H.: *See*—
Bryce, G., and Williams.
Williams, Virginia R.: *See*—
Flieger, E. A., and Williams.
Williams, William A.: *See*—
De Lanty, L. J., and Williams.
Williams, William C., Santa Monica, Calif. Drill jig. 2,381,943; Aug. 14.
Williams, William E., Pasadena, Calif. Ophthalmic mounting, more particularly lenses for mountings, and making the same. 2,387,789; Oct. 30.
Williams, William E., Pasadena, Calif. Making cold shaped polymerized article. 2,390,567; Dec. 11.
Williams, William G., Anaheim, Calif. Tie rack. 2,367,253; Jan. 16.
Williams, William W., Albany, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Purification of azo dyestuffs. Re. 22,705; Dec. 25.
Williams, William W., Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Purification of azo dyestuffs. 2,374,063; Apr. 17.
Williams, William W., Jr., Columbus, Ohio. Hydraulic drawbar lift for tractors. 2,375,970; May 15.
Williamson, Arthur T., Northwich, and K. Bradley, London, England, assignors to Imperial Chemical Industries Limited. Absorption of bromine. 2,388,586; Nov. 6.
Williamson, Charles D., Fort Worth, Tex. Fabric and garment construction. 2,380,137; July 10.
Williamson, Colin M., Bourne End, and S. Williamson, Swallowfield, England. Cinematograph camera. 2,372,637; Mar. 27.
Williamson, Fred L.: *See*—
Weichbrodt, P. P., and Williamson.
Williamson, H. H.: *See*—
Johnson, Charles S., assignor.
Williamson, Hilding V., assignor, by mesne assignments, to Reconstruction Finance Corporation, Chicago, Ill. Fire extinguishing method and apparatus. 2,387,963; Oct. 30.
Williamson, Larkin R., assignor to E. W. Bliss Company, Brooklyn, N. Y. Boring machine. 2,370,384; Feb. 27.
Williamson, Marshall I.: *See*—
Carruth, H. A., and Williamson.
Ringler, W. A., and Williamson.
Williamson, Marshall I., New Haven, Conn. Dispensing container. 2,366,226; Jan. 2.
Williamson, Marshall I., New Haven, Conn. Multicompartment carton. 2,387,790; Oct. 30.
Williamson, Marshall I., New York, N. Y., assignor to National Folding Box Company, New Haven, Conn. Extensible dispensing container. 2,367,706; Jan. 23.
Williamson, Marshall I., New York, N. Y., assignor to National Folding Box Company, New Haven, Conn. Container. 2,377,471; June 5.
Williamson, Marshall I., New York, N. Y., and H. A. Carruth, Northford, assignors to National Folding Box Company, New Haven, Conn. Hinged cover container. 2,369,386; Feb. 13.
Williamson, Marshall I., New York, N. Y., and H. A. Carruth, Northford, assignors to National Folding Box Company, New Haven, Conn. Hinged cover container. 2,369,387; Feb. 13.
Williamson, Marshall I., New York, N. Y., and H. A. Carruth, Northford, assignors to National Folding Box Company, New Haven, Conn. Hinged cover container. 2,369,389; Feb. 13.
Williamson, Marshall I., New Haven, and V. R. Pantalone, Hamden, assignors to National Folding Box Company, New Haven, Conn. Self-locking container. 2,373,730; Apr. 17.
Williamson, Marshall I., New York, N. Y., and R. Fink, Easthaven, Conn., assignors to National Folding Box Company, New Haven, Conn. Display container and blank therefor. 2,391,285; Dec. 18.
Williamson, Martin B.: *See*—
Patterson, W. I., and Williamson.
Williamson, Russell B., Milwaukee, Wis., assignor to P. H. Waller, Wilmette, and to C. C. Kirk, Western Springs, Ill. Building construction. 2,378,275; June 12.
Williamson, Stuart: *See*—
Williamson, Colin M. and S.
Willing, Joseph E., Rochester, and R. J. Little, Town of Gates, Monroe County, assignors to General Railway Signal Company, Rochester, N. Y. Relay temperature compensating means. 2,366,992; Jan. 9.
Willingham, Thomas A.: *See*—
Pollak, A., and Willingham.
Willis, Bernard D., deceased, Oak Park, by W. W. Owen, Elgin, Ill., executor, assignor to Automatic Electric Laboratories, Inc. Automatic switching system. 2,388,810; Nov. 13.
Willis, Bernard D., Oak Park, Ill., assignor to Automatic Electric Laboratories, Inc. Switching apparatus. 2,389,571; Nov. 20.
Willis, Bernard L.: *See*—
Fulkerson, Charles C., assignor.
Westfall, Robert W., assignor.
Willis, Cecil H. N. R., assignor to Appleford Paper Products, Ltd., Hamilton, Ontario, Canada. Dispensing container for roll paper. 2,390,407; Dec. 4.
Willis, Durward E., Tampa, Fla. Vehicle landing gear. 2,381,529; Aug. 7.

Willis, Floyd, Jr., Tulsa, Okla. Lighting control system. 2,380,486; July 31.
Willis, Litta, et al.: *See*—
Carstarphen, William P., assignor.
Willison, Walter W., Chicago, Ill. Making coffee tablets. 2,371,093; Mar. 6.
Willkie, Herman F., Prospect, assignor to Joseph E. Seagram & Sons, Inc., Shively, Ky. Distilling spirituous liquors. 2,383,176; Aug. 21.
Willman, Philip E., Chicago, assignor to McGraw Electric Company, Elgin, Ill. Military tool. 2,368,792; Feb. 6.
Willmore, Charles B., New Kensington, Pa., and F. D. Chew, Detroit, Mich., assignors to Aluminum Company of America, Pittsburgh, Pa. Producing magnesium containing beryllium. 2,383,281; Aug. 21.
Willmore, Charles B., New Kensington, and F. D. Chew, Haffey, assignors to Aluminum Company of America, Pittsburgh, Pa. Making beryllium fluoride. 2,387,203; Oct. 16.
Willmore, Charles B., New Kensington, Pa., and F. D. Chew, Detroit, Mich., assignors to Aluminum Company of America, Pittsburgh, Pa. Making beryllium fluoride. 2,387,204; Oct. 16.
Willmore, Charles B., New Kensington, and F. D. Chew, Haffey, assignors to Aluminum Company of America, Pittsburgh, Pa. Making beryllium fluoride. 2,387,205; Oct. 16.
Willmore, Charles B., New Kensington, Pa., and F. D. Chew, Detroit, Mich., assignors to Aluminum Company of America, Pittsburgh, Pa. Making beryllium fluoride. 2,387,206; Oct. 16.
Willmore, Charles B., New Kensington, Pa., and F. D. Chew, Detroit, Mich., assignors to Aluminum Company of America, Pittsburgh, Pa. Making beryllium fluoride. 2,387,207; Oct. 16.
Willmott, Herbert J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Drilling machine. 2,379,944; July 10.
Wilmotte, Raymond M., Washington, D. C. Frequency modulation system. 2,388,200; Oct. 30.
Wilmotte, Raymond M., Washington, D. C. Frequency modulation system. 2,388,528; Oct. 9.
Wilmotte, Raymond M., Washington, D. C. Direct current amplifier. 2,391,532; Dec. 25.
Willner, Burton, Chicago, Ill. Defrosting device for goggles. 2,380,353; July 10.
Willock, Harry E., Vancouver, British Columbia, Canada. Motor vehicle chassis. 2,366,166; Jan. 2.
Willoughby, Victor: *See*—
Schroeder, E. R., and Willoughby.
Willoughby, Victor, Ridgewood, N. J., assignor to American Car and Foundry Company, New York, N. Y. Railway hopper construction. 2,385,245; Sept. 18.
Willrodt, Frederick L., Ohama, Nebr. Machine for gathering and stacking materials such as hay and the like. 2,372,870; Apr. 3.
Wills, Marion C., Topeka, Kans., assignor to Standard Steel Works, North Kansas City, Mo. Mounting for road rollers and similar devices. 2,386,025; Oct. 2.
Wills, Walter P.: *See*—
Asset, G., Curran, and Wills.
Wills, Walter P., assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring apparatus. 2,367,914; Jan. 23.
Wills, Walter P., assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring apparatus. 2,375,158; May 1.
Wills, Walter P., assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring and control apparatus. 2,375,159; May 1.
Wills, Walter P., assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring and controlling apparatus. 2,376,527; May 22.
Wills, Walter P., assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring and controlling apparatus. 2,385,481; Sept. 25.
Willys-Overland Motors, Inc.: *See*—
Roos, Delmar G., assignor.
Wilmanns, Gustav: *See*—
Loleit, H., and Wilmanns.
Wilmes, William L., J. W. Baur, and E. Gustafsson, assignors to Binks Manufacturing Company, Chicago, Ill. Atomizing nozzle. 2,378,348; June 12.
Wilmington Chemical Corporation: *See*—
Rostler, F., and Bornstein, assignors.
Wilms, Henry F., assignor to The Elwell-Parker Electric Company, Cleveland, Ohio. Industrial truck. 2,371,661; Mar. 20.
Wilputte Coke Oven Corporation: *See*—
Wilputte, Louis, assignor.
Wilputte, Louis, assignor to Wilputte Coke Oven Corporation, New York, N. Y. Combination coke oven door-handling, pushing, and leveling machine. 2,391,214; Dec. 18.
Wils-Edge Corporation: *See*—
Williams, Arthur F., assignor.
Wilsey, Irven H., Chicago, and J. W. Meaker, Evanston Ill. Perforation of sheet material by electrical discharges. 2,379,846; July 3.
Wilsey, Irven H., and A. E. Neumann; said Neumann assignor to said Wilsey; R. A. Wilsey, executrix of said I. H. Wilsey, deceased, Chicago, Ill. Method and apparatus for perforating sheet material. 2,385,246; Sept. 18.
Wilsey, Ruth A., executrix: *See*—
Wilsey, I. H., and Neumann.
Wilsmann, Wilhelm, Oelde, Germany; vested in the Alien Property Custodian. Pump. 2,376,744; May 22.
Wilson, Alexander L., Sharpsburg, Pa., assignor to Carbide and Carbon Chemicals Corporation. Solvent extraction of hydrocarbons. 2,381,092; Aug. 7.
Wilson, Allen B., Evanston, assignor to Acme Steel Company, Chicago, Ill. Method of and apparatus for forming venetian blind slats. 2,370,215; Feb. 27.
Wilson, Allen B., Evanston, assignor to Acme Steel Company, Chicago, Ill. Container and forming the same. 2,378,878; June 19.
Wilson, Arthur P.: *See*—
Pontius, G. W., III, and Wilson.
Wilson, Carroll J.: *See*—
McNab, J. G., Wilson, and Winning.
Wilson, Charles, St. Louis, Mo. Game of skill. 2,371,567; Mar. 13.
Wilson, Charles E., Bluefield, W. Va. Amusement device. 2,373,367; Apr. 10.
Wilson, Charles O., St. Paul, Minn., and J. H. Boothe, Pearl River, N. Y., assignors to Regents of the University of Minnesota, Minneapolis, Minn. Thio-barbiturates. 2,386,026; Oct. 2.
Wilson, Christopher L., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Monufacture of tetrahydrofuran. 2,366,464; Jan. 2.
Wilson, Clarence W., Norco, assignor to California Fruit Growers Exchange, Los Angeles, Calif. Manufacture of metallic compounds. 2,376,467; May 22.
Wilson, Clarence W., Norco, assignor to California Fruit Growers Exchange, Los Angeles, Calif. Manufacture of sponge rubber. 2,381,706; Aug. 7.
Wilson & Company, Inc.: *See*—
Hodson, George F., assignor.
Safrin, Leopold, assignor.
Selby, Theodore R., assignor.
Wilson, Cyril D., Metuchen, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Photographic emulsions, developers, and processes of photography. 2,377,302; May 29.
Wilson, Delbert I.: *See*—
Joyce, W. E., Himes, and Wilson.
Wilson, Delbert I., assignor to The City Engineering Company, Dayton, Ohio. Compensating apparatus for contour turning. 2,368,793; Feb. 6.
Wilson, Delbert I., assignor to The City Engineering Company, Dayton, Ohio. Spring driven guide bushing. 2,368,794; Feb. 6.
Wilson, Delbert I., assignor to The City Engineering Company, Dayton, Ohio. Live collet for screw machines. 2,369,330; Feb. 13.
Wilson, Earl: *See*—
Pitre, A. S., and Wilson.
Wilson, Earl L., assignor to Columbian Rope Company, Auburn, N. Y. Ladder. 2,388,892; Nov. 13.
Wilson, Edgar L., assignor of one-third to J. M. Wilson and one-third to L. A. Larson, Oakland, Calif. Eyeglass, shield, or the like. 2,388,626; Nov. 6.
Wilson, Elwood J., Jr.: *See*—
Muma, J. R., Wilson, and Haskins.
Wilson, Elwood J., Jr., Garden City, N. Y., assignor to Sperry Gyroscope Company, Inc. Switch electrolyte. 2,387,313; Oct. 23.
Wilson, Evan F., Akron, and J. L. Oberg, Barberton, Ohio, assignors to The Babcock & Wilcox Company, Jersey City, N. J. Coated weld rods. 2,368,280; Jan. 30.
Wilson, Florus E., Dayton, Ohio. Crankcase flusher. 2,385,393; Sept. 25.
Wilson, Frank C., Arcade, N. Y. Bomb loading press. 2,373,799; Apr. 17.
Wilson, Frank H.: *See*—
Cooper, Hugh S., assignor.
Wilson, George B., Los Angeles, Calif. Buckle and buckle connection. 2,379,128; June 26.
Wilson, George K., assignor to Decum Syndicate, Toronto, Ontario, Canada. Fuel atomizer. 2,374,517; Apr. 24.
Wilson, Gerald, Pelham Manor, N. Y. Shears. 2,372,242; Mar. 27.
Wilson, Gilbert T., Karori, Wellington, New Zealand. Apparatus for launching or assisting in the launching of airplanes. 2,379,267; June 26.
Wilson, Golder P., Alton, and E. Hartshorne, Godfrey, Ill., assignors to Olin Industries, Inc. Metallurgical apparatus. 2,377,597; June 5.
Wilson, H. A., Company, The: *See*—
Strong, Judson, assignor.
Wilson, Harland D., assignor to The Electric Auto-Lite Company, Toledo, Ohio. Storage battery electrode. 2,367,453; Jan. 16.
Wilson, Harland D., Toledo, Ohio. Battery filling and venting means. 2,391,666; Dec. 25.
Wilson, Harry, Dayton, Ohio. Retainer for parachute shroud lines. 2,366,764; Jan. 9.
Wilson, Harry, Dayton, Ohio. Preparing parachutes for packing, storage, and use. 2,386,829; Oct. 16.
Wilson, Harry C., Huntington Park, assignor to R. H. Clark, Los Angeles, Calif. Fixture for grinding thread-cutting tools. 2,385,902; Oct. 2.
Wilson, Howard, Lockport, Ill., assignor to The Texas Company, New York, N. Y. Coking hydrocarbon oil. 2,380,713; July 31.

Wilson, Ira G.: *See*—
Boilman, J. H., and Wilson.
Wilson, Irene H.: *See*—
Wilson, Walter A., assignor.
Wilson, Jack, Chicago, Ill., assignor to Universal Railway Devices Company. Drop staff brake mechanism. 2,371,326; Mar. 13.
Wilson, James A., Linden, N. J., assignor to Standard Oil Development Company. Spectrograph. 2,388,105; Oct. 30.
Wilson, James B.: *See*—
Rougemont, R. L., and Wilson.
Wilson, James W.: *See*—
Levetus, Francis B., and Wilson.
Wilson, John A., and N. H. Sutterfield, assignor to The Timken-Detroit Axle Company, Detroit, Mich. Heating unit. 2,373,731; Apr. 17.
Wilson, John C., assignor to The Thompson Grinder Company, Springfield, Ohio. Method and apparatus for maintaining uniform temperature of diverse fluids in a machine tool. 2,384,225; Sept. 4.
Wilson, John C., Bayside, N. Y., assignor to Hazeltine Corporation. Television scanning system. 2,384,717; Sept. 11.
Wilson, John C., assignor to The Thompson Grinder Company, Springfield, Ohio. Spindle shaft with intermediate ball bearing. 2,391,375; Dec. 18.
Wilson, John E., Watsontown, Pa. Substitute for tin horns. 2,385,752; Sept. 25.
Wilson, John L., and E. E. Mendenhall, St. Paul, Minn., assignors to Economics Laboratory, Inc. Concentration cell and temperature compensator. 2,370,609; Feb. 27.
Wilson, John M.: *See*—
Beam, V. O., and Wilson.
Sparrow, H. T., and Wilson.
Wilson, Edgar L., assignor.
Wilson, John M., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Fuel burner control system. 2,377,535; June 5.
Wilson-Jones Company: *See*—
Dawson, G. H., and Unger, assignors.
Unger, Paul O., assignor.
Wilson, Lawrence A.: *See*—
Cleven, O. B., and Wilson.
Wilson, Melville M., and W. E. Berry, Cincinnati, Ohio, assignors to Interchemical Corporation, New York, N. Y. Wood finishing system. 2,381,944; Aug. 14.
Wilson, Norman B.: *See*—
Johnston, F. L., and Wilson.
Wilson, Norman B., Toronto, Ontario, Canada. Centrifugal clutch. 2,381,196; Aug. 7.
Wilson, Oliver W., New York, N. Y., and W. D. Foster, Hustis, Fla., said Wilson assignor to said Foster. Film handling apparatus and magazine for use therewith. 2,391,497; Dec. 25.
Wilson, Philip J., Jr.: *See*—
Wells, J. H., and Wilson.
Wilson, Raymond W., Glendale, Calif. Jet nozzle. 2,382,688; Aug. 14.
Wilson, Richard C.: *See*—
Gondek, J. T., and Wilson.
Wilson, Richard N., Lansing, Mich. Detachable heel for shoes. 2,379,559; July 3.
Wilson, Richard W.: *See*—
Wilson, Robert C., assignor.
Wilson, Robert C., assignor of one-quarter to R. W. Wilson, Chula Vista, Calif. Combined spoon and lid for containers. 2,375,266; May 8.
Wilson, Robert C., Chula Vista, assignor of one-fourth to L. Alcumbrack, Imperial Beach, Calif. Combined electric razor casing and cord support. 2,383,031; Aug. 21.
Wilson, Robert T.: *See*—
Lewis, James O., assignor.
Wilson, Robert W., et al.: *See*—
Smith, Merton J., assignor.
Wilson, Rosser L., Mahwah, N. J., assignor to American Brake Shoe Company, Wilmington, Del. Iron casting. 2,370,279; Feb. 27.
Wilson, Rufus W.: *See*—
Rodli, G., and Wilson.
Wilson, Sydney, London, England. Crane. 2,375,337; May 8.
Wilson, Thomas A., Stratford, assignor to United Aircraft Corporation, East Hartford, Conn. Cooling means for electrode tips. 2,388,587; Nov. 6.
Wilson, Walter A., assignor of one-half to I. H. Wilson, New Orleans, La. Cable slitter. 2,373,868; Apr. 17.
Wilson, Wilfrid J.: *See*—
Baird, W., Hill, Harris, Oakeshott, and Wilson.
Wilson, Wilfred, Van Tetreau, Quebec, Canada. Cable layer. 2,372,921; Apr. 3.
Wilson, William, Cleveland, and J. J. Brutvan, Bedford, assignors to The Cleveland Twist Drill Company, Cleveland, Ohio. Salt bath furnace. 2,386,529; Oct. 9.
Wilson, William E., Los Angeles, Calif. Revolving shelving for refrigerators and the like. 2,380,005; July 10.
Wilson, William G.: *See*—
Calvin, F. O., Wilson, and Smith.
Wilson, William W., Memphis, Tenn. Studio couch. 2,375,716; May 8.
Wilmer, Howard D., Jr., and F. P. Bender, assignors to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Hinge bracket and attachment. 2,376,745; May 22.
Wimpfen, Magda, (judicial change of name): *See*—
Wimpfheimer, Paul and M.
Wimpfen, Paul, (judicial change of name): *See*—
Wimpfheimer, Paul and M.
Wimpfheimer, Magda: *See*—
Wimpfheimer, Paul and M.
Wimpfheimer, Paul, and M., New York, N. Y., now by judicial change of name P. and M. Wimpfen. Small flashlight structure. 2,370,601; Feb. 27.
Winans, Charles F.: *See*—
Clifford, A. M., and Winans.
Wincapaw, Edwina R., administratrix: *See*—
Wincapaw, Leland S.
Wincapaw, Leland S., deceased, by E. R. Wincapaw, administratrix, Grass Valley, Calif. Fuse lighter. 2,367,915; Jan. 23.
Wincharger Corporation: *See*—
Albers, John R., assignor.
Winchell, Grant: *See*—
Carter, W. and Winchell.
Winchester, Amos J., Jr., Swissvale, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Time delay circuits. 2,389,396; Nov. 20.
Winckler Engineering Laboratories, Inc.: *See*—
Winckler, Gunnar A., assignor.
Winckler, Gunnar A. F., assignor.
Winckler, Gunnar A. F., Elkton, Md., assignor to Winckler Engineering Laboratories, Inc., Boston, Mass. Nondeteriorating dry battery. 2,368,697; Feb. 6.
Winckler, Gunnar A. F., Elkton, Md., assignor to Winckler Engineering Laboratories, Inc., Boston, Mass. Battery construction. 2,369,931; Feb. 20.
Windblad, Victor W.: *See*—
Pollard, S. M., and Windblad.
Winders, Rex R.: *See*—
Geist, A. M., and Winders.
Windfields Limited: *See*—
Duffield, William A., assignor.
Winding, Charles C., Ithaca, N. Y., assignor to Tide Water Associated Oil Company, Bayonne, N. J. Multiple base exchange silicates. 2,368,510; Jan. 30.
Windschauer, Leib, Berlin, Germany; vested in the Alien Property Custodian. Apparatus for the preparation of textile threads. 2,375,971; May 15.
Windsor, George H., Tujunga, Calif. Litter supporting apparatus. 2,391,051; Dec. 18.
Wine William E., Toledo, Ohio. Traction unit. 2,383,282; Aug. 21.
Wineland, Harry W., Independence, Mo., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Gauging apparatus. 2,377,738; June 5.
Wineman, Wade H., Michigan City, Ind., assignor to Sullivan Machinery Company. Pumping apparatus. 2,377,913; June 12.
Wineman, Wade H., Michigan City, Ind., assignor to Sullivan Machinery Company. Expansible chamber motor. 2,378,965; June 26.
Wineman, Wade H., Michigan City, Ind., assignor to Sullivan Machinery Company. Control system. 2,387,549; Oct. 23.
Winer, Albert: *See*—
Winer, Ephraim and A.
Winer, Ephraim and A., Baltimore, Md., assignors to the Government of the United States of America as represented by the Secretary of War. Litter. 2,387,376; Oct. 23.
Wing, L. J., Mfg. Co.: *See*—
Wheller, Harry S., assignor.
Wing, Wallace E., assignor to Marblehead Lime Company Chicago, Ill. Separating magnesia from dolomite. 2,386,027; Oct. 2.
Wingert, Paul, Montpelier, Ohio. Internal construction for stoves and furnaces. 2,390,483; Dec. 4.
Wingfield, John B., Umatilla, Fla. Sandal. 2,387,819; Oct. 30.
Wingfoot Corporation: *See*—
Bateman, Ralph C., assignor.
Borders, A. M., Wolfe, Osterhof, and Walton, assignors.
Carson, Clarence M., assignor.
Cavallito, Chester J., assignor.
Cheyney, La Verne E., assignor.
Cheyney, La V. E., and Osterhof, assignors.
Clifford, Albert M., assignor.
Clifford, A. M., and D'Ianni, assignors.
Clifford, A. M., and Gleim, assignors.
Clifford, A. M., and Lichty, assignors.
Clifford, A. M., and Winans, assignors.
Clifford, A. M., and Wolfe, assignors.
Cooper, J. F., Schnitzer, and Flickinger, assignors.
Cox, Fred W., assignor.
D'Ianni, James D., assignor.
Dinsmore, Ray P., assignor.
Gardner, Charles E., assignor.
George, E. D., and Lammertse, assignors.
Hardman, Albert F., assignor.
Kilborn, Karl B., assignor.
Lichty, Joy G., assignor.
Lichty, J. G., and Seeger, assignors.
Long, John R., assignor.
Manchester, Frank H., assignor.
McNeil, Gordon I., assignor.
Milone, Charles R., assignor.
Moore, D. V., and Thompson, assignors.

Wingfoot Corporation: *See*—Continued
Morris, Wilford E., assignor.
Osterhof, Harold J., assignor.
Osterhof, H. J., and Cheyney, assignors.
Roquemore, Glen F., assignor.
Schaefer, Frederic C., assignor.
Scott, Winfield, assignor.
Shaw, Elgin L., assignor.
Snyder, James E., assignor.
Thies, Herman R., assignor.
Thies, H. R., and Carson, assignors.
Thompson, Harry H., assignor.
Torrey, Joseph, assignor.
Van Orman, Ward T., assignor.
Watt, George W., assignor.
Zerth, Charles E., assignor.
Wingquist, Sven G., Remningstorp, Skara, Sweden. Universal joint. Re. 22,600; Feb. 6.
Winkel, Herbert C., Maywood, Ill. Grid trimmer. 2,375,717; May 8.
Winkel, Victor J., Portland, Oreg., assignor to Timber Structures, Inc. Manufacturing laminated building members. 2,389,944; Nov. 27.
Winkelmann, Samuel A., West Columbia, Tex., assignor to The Texas Company, New York, N. Y. Water treatment. 2,385,903; Oct. 2.
Winkels, Walter G., U. S. Navy, and T. W. Ashcroft, Beloit, Wis., assignors to Fairbanks, Morse & Co., Chicago, Ill. Crankcase air-pressure control means. 2,375,718; May 8.
Winkler, Albert H., and J. H. Core, assignors to Bendix Aviation Corporation, South Bend, Ind. Carburetor. 2,390,019; Nov. 27.
Winkler, De Loss E., Berkeley, and S. A. Ballard, Oakland, assignors to Shell Development Company, San Francisco, Calif. Catalytic production of phenolic compounds. 2,369,197; Feb. 13.
Winkler, George W., Grantwood, N. J. Apparatus for raising sunken vessels. 2,372,039; Mar. 20.
Winkler, Louis T., London, England. Electrical method of and apparatus for the analysis or identification of gases, vapors, and the like. 2,387,550; Oct. 23.
Winkler, Wynne G., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,369,511; Feb. 13.
Winkley, Erastus E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Heel breasting machine. 2,385,482; Sept. 25.
Winlund, Edmond S., Moorestown, N. J., assignor to Radio Corporation of America. Reverberation meter. 2,384,868; Sept. 18.
Winn, Sidney B., Lapeer, Mich. Tractor trailer assembly. 2,367,550; Jan. 16.
Winn, Willis E., Huntington, Ind. Pipe joint. 2,391,761; Dec. 25.
Winnek, Philip S., Stamford, and R. O. Roblin, Jr., Old Greenwich, Conn., assignors to American Cyanamid Company, New York, N. Y. Sulphanilamido pyridazine. 2,371,115; Mar. 6.
Winnek, Philip S., Riverside, and H. E. Faith, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Preparing sulphanilyl guanidine. 2,380,006; July 10.
Winnek, Philip S., and E. R. Bockstahler, Indianapolis, Ind., assignors to Allied Laboratories, Inc., Kansas City, Mo. Compounds of 2-sulphanilamido-5-carboxythiazole with vasoconstrictors and their solutions. 2,389,582; Nov. 20.
Winning, Carl: *See*—
McNab, J. G., Wilson, and Winning.
Winograd, Harold, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Electric valve protective system. 2,391,812; Dec. 25.
Winona Tool Mfg. Company: *See*—
Fuglie, Elmer A., assignor.
Fuglie, E. A., and Anderson, assignors.
Winsen, Walter W., Johannesburg, Transvaal, Union of South Africa. Manufacture of hats. 2,370,509; Feb. 27.
Winsen, Walter W., Johannesburg, Transvaal, Union of South Africa. Hat brim forming block. 2,370,510; Feb. 27.
Winslow, Albert E., Norwich, Conn., assignor to Atwood Machine Company. Wire laying head. 2,371,939; Mar. 20.
Winslow, Albert E., Norwich, Conn., assignor to Atwood Machine Company. Winding machine. 2,373,073; Apr. 3.
Winslow, Albert E., Norwich, Conn., assignor to Atwood Machine Company. Stop motion for yarn handling machines. 2,375,805; May 8.
Winslow, Albert E., Mystic, assignor, by mesne assignments, to Farrel-Birmingham Company, Incorporated, Ansonia, Conn. Builder motion. 2,380,354; July 10.
Winslow, Albert E., Mystic, assignor, by mesne assignments, to Farrel-Birmingham Company, Incorporated, Ansonia, Conn. Yarn twister. 2,385,046; Sept. 18.
Winslow, Arthur F., Scotia, N. Y., assignor to General Electric Company. Fabrication of quartz resonators. 2,376,219; May 15.
Winslow, Douglas R., Glendale, Calif. Child's folding vehicle. 2,377,198; May 29.
Winslow, James C.: *See*—
York, J. O., and Winslow.
Winslow, Samuel J., Providence, R. I. Wall or table mirror. 2,368,959; Feb. 6.
Winston, Harry, Inc.: *See*—
Radu, John W., assignor.
Winted, Otto W., Grand Island, assignor to Columbus McKinnon Chain Corporation, Tonawanda, N. Y. Finishing welded joints. 2,373,440; Apr. 10.
Winter, Arthur C., Teaneck, assignor of one-tenth to H. J. Lucke, East Orange, N. J., and one-twentieth to P. A. Mallinckrodt, Salt Lake City, Utah. Code-controlled apparatus. 2,384,513; Sept. 11.
Winter, Arthur C., Teaneck, assignor of one-tenth to H. J. Lucke, East Orange, N. J., and one-twentieth to P. A. Mallinckrodt, Salt Lake City, Utah. Code-controlled apparatus. 2,384,514; Sept. 11.
Winter, Charles L., Chicago, Ill., assignor to United Autographic Register Company. Stationery feeding and trimming device. 2,390,907; Dec. 11.
Winter, Ernest A.: *See*—
Rembert, E. W., Winter, and Reinecker.
Winter, Gustaf E.: *See*—
Clem, E. W., and Winter.
Winter, Henry A., Denver, Colo. Electric invalid hoist. 2,368,390; Jan. 30.
Winter, Ireal A., Birmingham, Ala. Automatic stoker. Re. 22,694; Nov. 20.
Winter, Otto W., Birmingham, Mich., and C. W. Middlestead, Warren, Ohio, assignors to Columbus McKinnon Chain Corporation, Tonawanda, N. Y. Adjustable support for welding machines. 2,377,289; May 29.
Winter, William G., assignor to Yeomans Brothers Company, Chicago, Ill. Pneumatic sewage ejecting apparatus. 2,373,935; Apr. 17.
Winterhalter, Martin, Morcote, near Lugano, Switzerland. Producing slide fastener elements. 2,366,948; Jan. 9.
Winterhalter, Martin, Morcote, near Lugano, Switzerland. Slider for slide fasteners. 2,373,523; Apr. 10.
Winterhalter, Martin, Morcote, near Lugano, Switzerland. Separable fastener. 2,380,623; July 31.
Winteringham, David F., assignor to A. W. Carter, Vancouver, British Columbia, Canada. Ejector. 2,380,714; July 31.
Winters & Crampton Corporation: *See*—
Anderson, Lloyd L., assignor.
Winters, Frank, Larchmont, assignor to Rex Products Corporation, New Rochelle, N. Y. Clutch clasp for studded buttons, etc. 2,372,922; Apr. 3.
Winters, Starling, Englewood, N. J. Hitching device. 2,371,662; Mar. 20.
Winters, William P., Cincinnati, Ohio, assignor to American Can Company, New York, N. Y. Transfer mechanism for can parts. 2,383,528; Aug. 28.
Wintersteen, Vaude L., Timpas, Colo. Trap gun. 2,377,658; June 5.
Winterstein, Alfred, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Tetrahydro trihydroxy-abietic acid. 2,370,900; Mar. 6.
Winther, Howard: *See*—
Folke, B. E., and Winther.
Winther, Martin P., trustee: *See*—
Winther, Martin P., assignor.
Winther, Martin P., Waukegan, Ill., assignor to himself, as trustee. Electromagnetic apparatus. 2,367,163; Jan. 9.
Winther, Martin P., Waukegan, Ill., assignor to Martin P. Winther, as trustee. Eddy-current apparatus. 2,367,638; Jan. 16.
Winther, Martin P., Waukegan, Ill., assignor to M. P. Winther, as trustee. Engine loading and testing system. 2,389,572; Nov. 20.
Winthrop Chemical Company, Inc.: *See*—
Andersag, A., and Westphal, assignors.
Andersag, H., and Westphal, assignors.
Auerbach, Morris E., assignor.
Bockmühl, M., Schaumann, Bartholomäus, and Leditschke, assignors.
Hiemenz, W., and Setz, assignors.
Kuhn, R., and Westphal, assignors.
Pfaff, K., Erlenbach, Finkenbrink, Maier-Bode, Meisenburg, and Meisenheimer, assignors.
Surrey, Alexander R., assignor.
Wintle, Thomas D. G.: *See*—
McLoughlin, H. F., Hill, Morgan, and Wintle.
Winton, Lewis B., Greenwich, Conn., assignor, by mesne assignments, to Jerguson Gage & Valve Company, Somerville, Mass. Liquid level indicator. 2,391,852; Dec. 25.
Wintringham, Andrews C., Glen Ridge, N. J., assignor to American Cyanamid Company, New York, N. Y. Melamine process. 2,373,869; Apr. 17.
Wintsch, Max T., assignor of fifty-one percent to N. M. Weaver, Lancaster, Pa. Trackway system for train control. 2,371,568; Mar. 13.
Winward, Wilbur J.: *See*—
Munning, August P.
Wippel, Robert P., Kansas City, Kans. Tractor plow. 2,386,378; Oct. 9.
Wipperman, Hildegard, Chicago, and M. Martin, Riverside, assignors to The H. W. Gossard Co., Chicago, Ill. Foundation garment. 2,378,167; June 12.
Wires, Frank J., New Orleans, La. Marine torpedo. 2,382,593; Aug. 14.
Wirkkala, Oscar A., Seattle, Wash. Cargo handling rigging. 2,371,009; Mar. 6.

Wirtkala, Oscar A., Seattle, Wash. Shackle. 2,375,719; May 8.

Wirt, John R., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Workholder for arc-welding apparatus. 2,391,762; Dec. 25.

Wirtel, Arthur F.: *See*—
De Groote, M., Keiser, and Wirtel.

Wirtel, Arthur F., Kirkwood, Mo., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Chemical compound and producing same. 2,375,606; May 8.

Wirth, James F.: *See*—
Cuddigan, B. O., and Wirth, assignors.

Wirth, Otto, assignor to Micafil Ltd. Works for Electrical Insulation and Winding Machines, Zurich, Switzerland. Machine for winding the stators of electric motors. 2,389,336; Nov. 20.

Wirth, Walter V., and J. V. Vaughen, Woodstown, N. J., assignors to E. I. du Point de Nemours & Company, Wilmington, Del. Intermediate for azo dyes. 2,370,339; Feb. 27.

Wirth, John J., Cleveland, Ohio, assignor to Chicago Pump Company. Comminutor base seal. 2,375,455; May 8.

Wirz, Albert, Basle, Switzerland. Door lock. 2,382,762; Aug. 14.

Wisberg, Carl C.: *See*—
Phillips, S. H., and Wisberg.

Wisconsin Alumni Research Foundation: *See*—
Allen, T. C., and Harris, assignors.
Gilson, Warren E., assignor.
Link, Karl P., assignor.

Wise, Anthony G.: *See*—
Gillespie, A. A., and Hauser, and Wise.

Wise, Edward B., Butler, Pa. Antiaircraft shell. 2,368,587; Jan. 30.

Wise, Elmer L., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting and accounting machine. 2,371,118; May 6.

Wise, Henry M., Jacksonville, Fla. Elastic measuring scale. 2,388,303; Nov. 6.

Wise, John K.: *See*—
Scholz, H. A., Wise, Gill, and Schmidt.

Wise, John K., assignor to United States Gypsum Company, Chicago, Ill. Testing a pigment. 2,385,560; Sept. 25.

Wise, Lawrence, Bronx, assignor to Playette Corporation, New York, N. Y. Toy theater stage. 2,368,188; Jan. 30.

Wise, Raleigh J.: *See*—
Bidings, G. H., and Wise.

Wise, Raleigh J., Dunellen, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Automatically adjustable recording means. 2,375,267; May 8.

Wise, Raleigh J., Dunellen, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Facsimile recording system and apparatus. 2,376,688; May 29

Wise, Raleigh J., Dunellen, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Signal recording apparatus. 2,384,515; Sept. 11.

Wise, Solomon, Shaker Heights, Ohio. Locked filling cap for fuel tanks. 2,391,498; Dec. 25.

Wiseman, Earl L., University Heights, assignor to The Swartwout Company, Cleveland, Ohio. Ventilator. 2,367,454; Jan. 16.

Wiseman, Max, London, England. Spectacle hinge. 2,376,468; May 22.

Wiseman, William A.: *See*—
Majneri, L. A., and Wiseman.

Wiser, Guy B., Los Angeles, Calif. Book binding. 2,380,206; July 10.

Wisler, John J., Columbia, assignor to Armstrong Cork Company, Lancaster, Pa. Air-cooled offset tip electrode. 2,389,945; Nov. 27.

Wisler, John J., Columbia, assignor to Armstrong Cork Company, Lancaster, Pa. Fluid-cooled offset tip electrode. 2,389,946; Nov. 27.

Wislicenus, George F., Summit, assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Centrifugal pump. 2,376,528; May 22.

Wislicenus, George F., Summit, assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Deep well pump. 2,387,377; Oct. 23.

Wiste, Anthony E., Detroit, Mich. Sine plate angle wheel dresser. 2,378,743; June 19.

Wisner, Carl V., Jr., trustee, et al.: *See*—
Schmitt, Arthur J., assignor.

Wisner, William R., Pawtucket, R. I., assignor to Corning Glass Works, Corning, N. Y. Glass tempering apparatus. 2,377,536; June 5.

Wisoff, Isaac J., Brooklyn, assignor to Noma Electric Corporation, New York, N. Y. Apparatus for turning out decorative material. 2,386,172; Oct. 2.

Withro, Alexander W., assignor to The C. A. Lawton Company, De Pere, Wis. Wrapping machine and method. 2,380,816; July 31.

Witheger, Eugene S., Grosse Pointe Woods, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Reversible pump. 2,373,368; Apr. 10.

Withall, Albert P., et al., trustees: *See*—
Geiger, William A., assignor.

Witham, Arthur J.: *See*—
Cannon, Jesse A., assignor.

Witham, George S., Hudson Falls, N. Y. Paper making apparatus. 2,388,627; Nov. 6.

Witherspoon, Edith R., Englewood, N. J. Fastening means for compacts, refills, containers, and the like. 2,390,568; Dec. 11.

Witherspoon, Lillian S., Los Angeles, Calif. Handle for containers. 2,384,718; Sept. 11.

Withrow, Lloyd L.: *See*—
Fray, A. S., and Withrow.

Witkower, Max, Los Angeles, Calif. Nursing brassière. 2,386,530; Oct. 9.

Witkower, Max, Los Angeles, Calif. Brassière. 2,386,531; Oct. 9.

Witkower, Max, Los Angeles, Calif. Brassière. 2,390,142; Dec. 4.

Witlin, Isadore B., Los Angeles, Calif. Slipper. 2,383,100; Aug. 21.

Witt, Walter, Brooklyn, N. Y. Collapsible stool. 2,385,900; Oct. 2.

Witte, Michael, Buffalo, assignor to Allied Chemical & Dye Corporation, New York, N. Y. Preparing 2,6-dinitro-4-sulpho-toluene. 2,378,168; June 12.

Witte, Paul J., New York, assignor to Tyler Laboratories, Incorporated, Brooklyn, N. Y. Solid iodine compositions and producing the same. 2,385,394; Sept. 25.

Witte, William F., Jr., Omaha, Nebr. Utensil cover. 2,385,594; Sept. 25.

Wittek Manufacturing Co.: *See*—
Hoeh, Joseph, assignor.

Wittenberg, Edward H., assignor to National Pressure Cooker Company, Eau Claire, Wis. Pressure release valve. 2,368,281; Jan. 30.

Wittenberg, Edward H., assignor to National Pressure Cooker Company, Eau Claire, Wis. Pressure cooker. 2,368,795; Feb. 6.

Witter, Charles H., and M. J. Welter, Seneca, Ill. Gasket cutter. 2,368,908; Feb. 6.

Witthofft, Charles H., Detroit, assignor of one-half to J. F. Gohn, Grosse Ile, Mich. Agitating mechanism. 2,376,106; May 15.

Wittig, Carl H. O., Irondequoit, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Apparatus for mounting optical elements. 2,375,599; May 8.

Wittkuhns, Bruno A.: *See*—
Chafee, E. W., and Wittkuhns.

Wittkuhns, Bruno A., Summit, N. J., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Drift compensator for aircraft. 2,372,185; Mar. 27.

Wittle, Eugene L.: *See*—
Marker, R. E., and Wittle.

Wittlinger, Leonard M., Flint, Mich., and W. S. Brian, Owensboro, Ky., assignors to General Motors Corporation, Detroit, Mich. Mercury arc device. 2,385,561; Sept. 25.

Witty, George, New York, N. Y. Paper-coating composition and making same. 2,369,766; Feb. 20.

Witz, William M., Haddonfield, N. J., assignor to Radio Corporation of America. Electrical heating apparatus. 2,385,904; Oct. 2.

Wodell, William W.: *See*—
Castle, B. F., and Wodell.

Woditsch, Frank J., St. Clair Shores, assignor of one-half to R. C. Patzer, Detroit, Mich. Toy. 2,389,833; Nov. 27.

Woelfer, Frank C., Jr., assignor to The Cincinnati Ball Crank Company, Cincinnati, Ohio. Pump. 2,390,762; Dec. 11.

Woerner, Alfred: *See*—
Herold, P., and Kaufmann, and Woerner.

Woerner, Friedrich, Berlin, Germany; vested in the Alien Property Custodian. Undesired modulation detection. 2,378,612; June 19.

Woginrich, Joseph, Walnutport, Pa. Convertible velocipede. 2,390,484; Dec. 4.

Wognum, James N., assignor to Acme Steel Company, Chicago, Ill. Dispensing device. 2,385,956; Oct. 2.

Wohlhieter, Joseph W., East Orange, assignor to The Palnut Company, Irvington, N. J. Tube mount. 2,386,732; Oct. 9.

Wohlhieter, Joseph W., East Orange, assignor to The Palnut Company, Irvington, N. J. Clamp. 2,388,201; Oct. 30.

Wohlk, Aage, Great Neck, N. Y. Reclining chair. 2,374,848; May 1.

Woitscheck, Arno, Porz, near Cologne, Germany; vested in the Alien Property Custodian. Method of and device for producing sound band matrices. 2,385,595; Sept. 25.

Wojciekunas, Alexander N., and J. Faller, Jr., assignors to Chemical Process Development Corporation, Erie, Pa. Treating petroleum hydrocarbons. 2,367,061; Jan. 9.

Wolcott, Frank E., West Hartford, assignor to The Silex Company, Hartford, Conn. Coffee and tea maker. 2,381,151; Aug. 7.

Wolcott, Frank E., West Hartford, assignor to The Silex Company, Hartford, Conn. Coffee maker and filter therefor. 2,382,594; Aug. 14.

Wolcott, Frank E., West Hartford, assignor to The Silex Company, Hartford, Conn. Seal for vacuum type coffee makers. 2,384,359; Sept. 4.

Wolcott, Frank E., West Hartford, assignor to The Silex Company, Hartford, Conn. Coffee maker. 2,386,532; Oct. 9.

Wolcott, Frank E., West Hartford, assignor to The Silex Company, Hartford, Conn. Coffee percolator. 2,387,425; Oct. 23.

Wolcott, Frank E., and L. V. Lucia, West Hartford, assignors to The Silex Company, Hartford, Conn. Combination steaming and pressing iron. 2,371,569; Mar. 13.

Wolcott, Frank E., and L. V. Lucia, West Hartford, assignors to The Silex Company, Hartford, Conn. Filter frame. 2,373,987; Apr. 17.

Wolcott, Glenn W., assignor to United Aircraft Products, Inc., Dayton, Ohio. Plural-way cock. 2,376,022; May 15.

Wolcott, Glenn W., assignor to United Aircraft Products, Inc., Dayton, Ohio. Plural-way cock. 2,377,473; June 5.

Wolf, Alexander, and G. Herzog, Houston, Tex., assignors to The Texas Company, New York, N. Y. Device for recovering a radiation source. 2,382,279; Aug. 14.

Wolf, Arnold M.: *See*—
Lermont, B. and Wolf.

Wolf, Cecil R.: *See*—
Ferris, W. D., Wolf, and Foulds.

Wolf, Charles, Portland, Oreg. Falling saw. 2,391,286; Dec. 18.

Wolf, Charles, Trenton, N. J., assignor to Plasco, Inc., New York, N. Y. Decorated handbag. 2,390,021; Nov. 27.

Wolf, Clarence M., Reno, Nev. Antipressor renal extract 2,376,841; May 22.

Wolf, Edgar: *See*—
Waltmann, E., and Wolf.

Wolf, Edward, Stockton, Calif. Power-operated industrial lift truck. 2,384,059; Sept. 4.

Wolf, Edward, Stockton, Calif. Utility truck. 2,390,763; Dec. 11.

Wolf, Elias, et al: *See*—
Junkin, Malcolm P., assignor.

Wolf, Harry S., Brooklyn, N. Y. Film holding clip. 2,370,434; Feb. 27.

Wolf, Howard A., et al.: *See*—
Junkin, Malcolm P., assignor.

Wolf, Jacques, & Company: *See*—
Blihovde, Norman, assignor.

Wolf, John E., Dormont, Pa., assignor to Loftus Engineering Corporation. Door mechanism. 2,373,282; Apr. 10.

Wolf, Lester J., Audubon, N. J., assignor to Radio Corporation of America. High-frequency apparatus. 2,386,733; Oct. 9.

Wolf, Louis, et al.: *See*—
Junkin, Malcolm P., assignor.

Wolf, Richard J.: *See*—
Stein, W., and Wolf.

Wolf, Walter L., et al.: *See*—
Junkin, Malcolm P., assignor.

Wolfe, George H.: *See*—
Mackenzie, D. E., and Wolfe, assignors.

Wolfe, Harry H., assignor to The Buckeye Steel Castings Company, Columbus, Ohio. Air and signal line connections for retractable couplers. 2,378,455; June 19.

Wolfe, Kenneth R. D., assignor to Fisher Governor Company, Marshalltown, Iowa. Regulator control device. 2,366,585; Jan. 2.

Wolfe, Ralph M.: *See*—
Goodman, Harry, and Wolfe.

Wolfe, Raymond M., Louisville, Ky. Convertible shawl headpiece. 2,372,040; Mar. 20.

Wolfe, Robert Y., Rock Hill, S. C. Grave set. 2,376,107; May 15.

Wolfe, William D.: *See*—
Borders, A. M., Wolfe, Osterhof, and Walton.
Clifford, A. M., and Wolfe.

Wolfers, Philip, assignor of one-third to N. Brozan, A. Holman, and J. S. Halperin, New York, N. Y. Orienting device. 2,387,104; Oct. 16.

Wolfersperger, John J., Webster Groves, Mo. Gas burner. 2,385,854; Oct. 2.

Wolff, Carl P.: *See*—
Way, M. T., and Wolff.

Wolff, Hanns-Heinz, Berlin, Germany; vested in the Alien Property Custodian. Cathode ray tube. 2,370,700; Mar. 6.

Wolff, Hanns-Heinz, Berlin, Germany; vested in the Alien Property Custodian. Television method and arrangement for carrying out the same. 2,376,645; May 22.

Wolff, Hans H., assignor to Aktiebolaget Hammarbylampan, Stockholm, Sweden. Making grinding surfaces for charge containers. 2,381,413; Aug. 7.

Wolff, Harold I., assignor to Shell Development Company, San Francisco, Calif. Recovery and purification of iodine. 2,385,483; Sept. 25.

Wolff, Harold I., Los Angeles, assignor to Shell Development Company, San Francisco, Calif. Butadiene recovery. 2,390,764; Dec. 11.

Wolfinbarger, J. M., et al.: *See*—
Wagers, Beverly T., assignor.

Wolfner, Alfred S., Long Beach, N. Y. Preparation of stable binary motor fuel. 2,371,010; Mar. 6.

Wolfner, William F., II, Asbury Park, N. J., assignor to Photoswitch Incorporated, Cambridge, Mass. Photoelectric safety circuit. 2,375,456; May 8.

Wolford, Don S., and H. La Tour, assignors to The American Rolling Mill Company, Middletown, Ohio. Device for testing the compression characteristics of sheet metals. 2,384,411; Sept. 4.

Wolfram, William S., Scotch Plains, N. J., assignor to General Motors Corporation, Detroit, Mich. Fluid coupling. 2,380,681; July 31.

Wolfrom, Edith W., administratrix: *See*—
Westin, Charles J.

Wolfson, Kurt, Springfield, Mass. Printing process and device. 2,373,732; Apr. 17.

Wolgen Company: *See*—
Eilenberger, Stanley D., assignor.
Noble, S. G., and Wolgemuth.

Wolk, I., Louis: *See*—
Upham, J. D., and Wolk.

Wolk, I. Louis, Bartlesville, Okla., assignor to Phillips Petroleum Company. Dehydrogenation of aliphatic hydrocarbons. 2,367,479; Jan. 16.

Wolk, I. Louis, Bartlesville, Okla., assignor to Phillips Petroleum Company. Diolefin recovery. 2,386,379; Oct. 9.

Wolk, I. Louis, Bartlesville, Okla., assignor to Phillips Petroleum Company. Recovery of diolefins. 2,386,734; Oct. 9.

Wolk, I. Louis, Bartlesville, Okla, assignor to Phillips Petroleum Company. Catalytic conversion process. 2,387,378; Oct. 23.

Wolk, I. Louis, and J. D. Upham, Bartlesville, Okla., assignors to Phillips Petroleum Company. Catalytic conversion and regeneration system. 2,374,151; Apr. 17.

Wolk, I. Louis, and T. H. Whaley, Bartlesville, Okla., assignors to Phillips Petroleum Company. Catalytic process. 2,374,518; Apr. 24.

Wolkenhauer, Gustav, Evanston, Ill. Shielding device. 2,373,214; Apr. 10.

Woller, Edward E., Kenosha, Wis., assignor to Simmons Company. Method and apparatus for making spring assemblies. 2,388,106; Oct. 30.

Wollin, Inc.: *See*—
Wollin, Robert H., assignor.

Wollin, Robert H., assignor to Wollin, Inc., Milwaukee, Wis. Trouser hanger. 2,382,459; Aug. 14.

Wollner, Joseph F., Feeding Hills, Mass. Universal joint construction. 2,378,349; June 12.

Wolman, Leonard, and H. Deutsch, Chicago, Ill. Convertible skirt and culotte. 2,368,189; Jan. 30.

Wolofski, Nicholas: *See*—
Haberstumpf, A. H., Jessup, and Wolofski.

Woloschak, Konstantin: *See*—
Lindsay, M. H. A. and Woloschak.

Wolper, Harry B., Chicago, Ill. Auxiliary unit for beverage brewers. 2,372,872; Apr. 3.

Wolper, Harry B., Chicago, Ill. Beverage brewer and filter. 2,376,410; May 22.

Wolstenholme, Harry F., Paterson, N. J. Rotary engine. 2,387,964; Oct. 30.

Wolteger, Zygmunt and H. Lerer, New York, N. Y. First aid kit. 2,391,112; Dec. 18.

Wolters, Carl F., and N. Y. Andersen, Kenmore, assignors to Remington Rand Inc., Buffalo, N. Y. Drawer guide. 2,382,363; Aug. 14.

Womble, Ewing, Memphis, assignor to Lewis Supply Company, Memphis, Tenn. Power plant. 2,371,011; Mar. 6.

Wood, Arthur G., Geronimo, Okla. Oil saving separator for cooling systems. 2,387,208; Oct. 16.

Wood, Charles H., Oakland, Calif. Bracket for supporting venetian blinds. 2,369,098; Feb. 6.

Wood, Charles M.: *See*—
Pfohl, A. J., and Wood.

Wood, Charles W., Schenectady, N. Y., assignor to General Electric Company. Differential cam mechanism. 2,383,833; Aug. 28.

Wood, Claude O., assignor to Goodman Manufacturing Company, Chicago, Ill. Device for controlling electric circuits. 2,366,305; Jan. 2.

Wood, Clyde M., Youngstown, Ohio, and C. L. Jones, Wilmington, Del.; said Wood assignor to "Automatic" Sprinkler Company of America, Youngstown, Ohio. Smooth surfaced tubular article. 2,369,629; Feb. 13.

Wood, Conrad, El Dorado, Ark., assignor to The American Fork & Hoe Company, Cleveland, Ohio. Fish lure. 2,382,595; Aug. 14.

Wood Conversion Company: *See*—
Anway, Herman W., assignor.
Brownlee, Robert N., assignor.
Heritage, Clark C., assignor.
Walter, Henry E., assignor.

Wood, Donald L., assignor to Eastman Kodak Company, Rochester, N. Y. Astronomical camera. 2,384,666; Sept. 11.

Wood, Donald L., assignor to Eastman Kodak Company, Rochester, N. Y. Lens. 2,388,893; Nov. 13.

Wood, Edmund P., et al., trustees: *See*—
Boehmler, Erving M., assignor.

Wood, Floyd R., Carter Lake, Iowa. Device for parking airplanes. 2,391,608; Dec. 25.

Wood, Frank E.: *See*—
Cartter, W. G., and Wood.

Wood, Frederick C.: *See*—
Hall, A. J., and Wood.

Wood, Fremont E., Gabbs Valley, Nev. Motor ignition control. 2,389,103; Nov. 13.

Wood, Galen, assignor to Wood Treating Chemicals Company, St. Louis, Mo. Wood impregnation. 2,382,374; Aug. 14.

Wood, Gar, Industries, Inc.: *See*—
Shaeffer, George D., assignor.
Wood, Louis S., assignor.

Wood, Henry W.: *See*—
Kendall, J. D., Suggate, and Wood.
Kendall, J. D., Wood, and Majer.

Wood, George R., Montreal, Quebec, Canada, assignor to Toledo Scale Company, Toledo, Ohio. Food handling apparatus. 2,387,209; Oct. 16.

Wood, George R., Montreal, Quebec, Canada, assignor to Toledo Scale Company, Toledo, Ohio. Food handling apparatus. 2,388,588; Nov. 6.

Wood, Jacob C., Duke, Ala. Airplane. 2,381,021; Aug. 7.

Wood, James T., Jr., San Marino, and E. L. Davis, Long Beach, Calif., assignors, by mesne assignments, to The Texas Company, New York, N. Y. Formation tester. 2,375,972; May 15.

Wood, John, Manufacturing Company, Inc.: *See*—
Woodford, Joseph C., assignor.

Wood, Jonathan E.: *See*—
Dick, George F. and G. H., and Wood.

Wood, Kenneth R., and C. W. Ahmer, assignors to Union Special Machine Company, Chicago, Ill. Comparator. 2,387,210; Oct. 16.

Wood, Louis S., Grosse Pointe Farms, assignor to Gar Wood Industries, Inc., Detroit, Mich. Power tail gate. 2,391,813; Dec. 25.

Wood, Margaret I.: *See*—
Inman, Walter V., assignor.

Wood, Maurice L., assignor to Chase Brass & Copper Co. Incorporated, Waterbury, Conn. Producing aluminum brasses. 2,368,339; Jan. 30.

Wood, Morris B., Newbury, assignor to The Chase-Shawmut Company, Newburyport, Mass. Circuit breaker. 2,370,340; Feb. 27.

Wood Newspaper Machinery Corporation: *See*—
Roesen Oscar C., assignor.
Tornberg, Isidor, assignor.

Wood, Norman F.: *See*—
King, R. D., and Wood.

Wood, Oliver W., Rahway, assignor to M. C. Hoy and C. I. Knecht, copartners doing business as The Plating Products Co., Newark, N. J. Conveying apparatus. 2,382,194; Aug. 14.

Wood, Orville T., assignor to Black Manufacturing Corporation, Clinton, Mass. Flashlight. 2,375,511; May 8.

Wood, Raymond E., Downers Grove, assignor, by mesne assignments, to Van Cleef Bros., Chicago, Ill. Rubber composition. 2,368,190; Jan. 30.

Wood, Raymond P., Whittier, Calif. Article handling apparatus. 2,375,720; May 8.

Wood, Richard C., Philadelphia, and H. R. Young, Aldan, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Nonfogging coating compositions. 2,371,094; Mar. 6.

Wood, Robert T., Cleveland, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Molding sand and controlling flowability of same. 2,381,242; Aug. 7.

Wood, Robert T., and M. E. Gants, Cleveland, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Thermal treatment. 2,389,583; Nov. 20.

Wood, Sterling A., Smyrna, Ga. Hold-down clamp. 2,390,022; Nov. 27.

Wood, Sydney M., Lake Bluff, Ill. Beach protection. 2,387,965; Oct. 30.

Wood Treating Chemicals Company: *See*—
Wood, Galen, assignor.

Wood, Wilbur G., Glendale, assignor to Menasco Manufacturing Company, Burbank, Calif. Landing gear strut. 2,376,951; May 29.

Wood, William H., Jr., Ansonia, Conn. Combat knife. 2,389,882; Nov. 27.

Wood, William L., Tunbridge Wells, and B. E. V. Bowen, Tonbridge, England, assignors to The Distillers Company Limited, Edinburgh, Scotland. Removal of acetylene from hydrocarbon mixtures. 2,381,707; Aug. 7.

Woodall-Duckham (1920) Limited: *See*—
Arnold, Edwin, assignor.
Burns, Earl A., assignor.
Spiers, Henry M., assignor.

Woodall, John H., Woodland, Ga. Machine for making cushions. 2,391,814; Dec. 25.

Woodard, Phebe H., executrix: *See*—
Woodard, William E., assignor.

Woodard, William E., deceased, Forest Hills, N. Y.; P. H. Woodard, executrix, assignor to P. H. Woodard. High-wheel locomotive. 2,366,465; Jan. 2.

Woodard, William E., deceased, Forest Hills, N. Y., P. H. Woodard, executrix, assignor to P. H. Woodard, individually. Locomotive power reverse gear. 2,385,957; Oct. 2.

Woodberry, John H., U. S. Army, Metuchen, N. J. Cartridge belt filling machine. 2,368,076; Jan. 23.

Woodberry, John H., and G. B. Russell, Metuchen, N. J. Crate. 2,371,663; Mar. 20.

Woodbridge, Richard G., Jr.: *See*—
Desetti, G. E., Dew, Mackey, and Woodbridge.

Woodbury, Clifford A.: *See*—
Chambers, F. S., Jr., and Woodbury.

Woodbury, Glen P., Mountain Lakes, N. J., assignor to Stapling Machines Co. Work-supporting means for box-making machines. 2,375,400; May 8.

Woodbury, Stephen E., assignor to Reid Brothers Company, Inc., Beverly, Mass. Grinding machine. 2,370,701; Mar. 6.

Woodbury, Stephen E., Beverly, assignor to United Shoe Machinery Corporation, Flemington, N. J. Area measuring machine. 2,387,379; Oct. 23.

Woodbury, Stephen E., assignor to Reid Brothers Company, Inc., Beverly, Mass. Grinding machine. 2,390,978; Dec. 11.

Woodcock, Herbert E., Hawick, Scotland, assignor to William Cotton, Limited, Loughbough, Leicestershire, England. Machine for knitting hosiery. 2,385,672; Sept. 25.

Wooddell, Charles E.: *See*—
Baumann, H. N., Jr., and Wooddell.

Woodford, Joseph C., Spring Lake, Mich., assignor to John Wood Manufacturing Company, Inc., Philadelphia, Pa. Pump. 2,371,940; Mar. 20.

Woodford, Joseph C., Spring Lake, Mich., assignor to John Wood Manufacturing Company, Inc., Philadelphia, Pa. Pump. 2,388,661; Nov. 6.

Woodhams, Walter J., assignor to Woodlin Metal Products Company, Marshall, Mich. Ventilator and mechanism for operating same. 2,372,164; Mar. 20.

Woodhouse, John C., Cragmere, and K. E. Walker, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydraulic fluids. 2,382,931; Aug. 14.

Woodhull, Frederick W., Millington, N. J., assignor of two per cent to D. Kuser, as trustee, one and one-half per cent to L. M. Kuser, Bernardsville, N. J., and six per cent to I. G. Blish. Gun. 2,371,012; Mar. 6.

Woodhull, Frederick W., Millington, assignor of one-fiftieth to D. Kuser, trustee, and three two-hundredths to L. M. Kuser, Bernardsville, N. J., three percent to F. H. R. Connel, Denning, N. Y., and six percent to I. G. Blish. Automatic rifle. 2,375,721; May 8.

Woodings, Wilbert H.: *See*—
Skowron, E. A., and Woodings.

Woodlin Metal Products Company: *See*—
Woodhams, Walter J., assignor.

Woodling, George V., Rocky River, Ohio. Closure means for cylinders. 2,376,566; May 22.

Woodling, George V., Rocky River, Ohio. Intercepting apparatus. 2,388,589; Nov. 6.

Woodman, Kenneth L., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Pitot-static air-speed indicator. 2,370,102; Feb. 20.

Woodman, Kenneth L., Mansfield, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Heating apparatus. 2,389,588; Nov. 27.

Woodman, Kenneth L., and E. O. Morton, Mansfield, Ohio, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Pitot static air-speed indicator. 2,381,327; Aug. 7.

Woodruff, Albert E., Oak Park, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Substation circuit. 2,391,533; Dec. 25.

Woodruff, Harold B.: *See*—
Waksman, S. A., and Woodruff.

Woods, Herbert A., assignor to Carter Carburetor Corporation, St. Louis, Mo. Carburetor metering device. 2,375,160; May 1.

Woods, John E., Brookline, assignor to Clifford Manufacturing Co., Boston, Mass. Making heat exchange apparatus. 2,389,175; Nov. 20.

Woods, Joseph F., Middletown, Conn. Internal-combustion engine. 2,383,432; Aug. 21.

Woods, Lawrence J.: *See*—
MacDonald, W. H., and Woods.

Woods, William H., Garden City, assignor to Square D Company, Detroit, Mich. Electric switch. 2,384,412; Sept. 4.

Woodward, Ann F., Bayside, N. Y. Receptacle for food and water. 2,366,584; Jan. 2.

Woodward, Charles F., Abington, A. Eisner and P. G. Haines, Philadelphia, Pa., assignors to the United States of America as represented by Claude R. Wickard, Secretary of Agriculture, and his successors in office. Preparation of myosmine. 2,381,328; Aug. 7.
2,381,328; Aug. 7.

Woodward, Clarence M., Washington, D. C. Masonry crevice forming template. 2,386,582; Oct. 9.

Woodward, Clement A., Wellesley, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Electrical contact device. 2,369,630; Feb. 13.

Woodward, David W.: *See*—
Kirby, J. E., and Woodward.

Woodward, Eric R., assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Production of chlorine dioxide. 2,388,202; Oct. 30.

Woodward, Faunce C., Westbrook, Maine, assignor to S. D. Warren Company, Boston, Mass. Air doctor. 2,386,156; Oct. 2.

Woodward, Fred E., and J. W. Arkis, Davenport, Iowa. Grease. 2,369,705; Feb. 20.

Woodward Governor Company: *See*—
Drake, George F., assignor.
Greenman, Hugh M., assignor.
Sorensen, George E., assignor.

Woodward, Harold E., Penns Grove, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Pigmented coating compositions. 2,370,341; Feb. 27.

Woodward, Harold E., Penns Grove, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo pigments. 2,374,064; Apr. 17.

Woodward, Hiram W., assignor of one-half to Strasburger & Siegel, Baltimore, Md. Dehydrator. 2,371,095; Mar. 6.

Woodward, James H., Heswall Hills, England. Device for the obscuring of windows. 2,375,457; May 8.

Woodward, Paul G.: *See*—
Decker, F. A., Jr., and Woodward.

Woodworth, Herald D., Madison, Ohio. Agricultural machine. 2,370,901; Mar. 6.

Woodworth, John L., Schenectady, N. Y., assignor to General Electric Company. Carrier current apparatus. 2,372,539; Mar. 27.

Woodworth, John L., Schenectady, N. Y., assignor to General Electric Company. Carrier-current control system. 2,375,722; May 8.

Woodworth, John L., Schenectady, N. Y., assignor to General Electric Company. Carrier current system. 2,385,673; Sept. 25.

Woodworth, N. A., Company: *See*—
Hohwart, Ernest F., assignor.
Kilgore, Robert E., assignor.

Woody, Wayland B., and Merle G. Scott, assignors to Franks Manufacturing Corporation, Tulsa, Okla. Derrick structure. 2,390,264; Dec. 4.

Woolard, Simon B., Schenectady, N. Y., assignor to General Electric Company. Electric circuit breaker. 2,380,817; July 31.

Wooldridge Manufacturing Company: *See*—
Clark, Gerald L., assignor.

Woolery, Horace E., St. Paul, Minn. Humidifier. 2,377,836; June 5.

Wooley, Travis B., Dallas, Tex. Internal-combustion engine. 2,387,707; Oct. 23.

Wool Industries Research Association: *See*—
Phillips, H., Middlebrook, and Higgins, assignors.

Woolley, Dilworth W., New York, N. Y., assignor to National Oil Products Company, Harrison, N. J. Synthesis of pantothenic acid. 2,372,041; Mar. 20.

Woolslayer, Homer J., Tulsa, Okla., assignor to Lee C. Moore & Company, Inc., Pittsburgh, Pa. Oil well derrick structure. 2,380,094; July 10.

Woolslayer, Homer J., E. A. Campbell, and C. Jenkins, Tulsa, Okla., assignors to Lee C. Moore & Company, Inc., Pittsburgh, Pa. Fast sheave mounting for oil well masts. 2,389,226; Nov. 20.

Woolson, Harry T., Detroit, and G. H. Parker, Royal Oak, assignors to Chrysler Corporation, Highland Park, Mich. Wheel suspension for motor vehicle. 2,371,864; Mar. 20.

Woolson, Harry T., Detroit, A. G. Herrshoff, Grosse Pointe, H. A. Hicks, Detroit, G. H. Parker, Royal Oak, and R. A. Wyatt, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Wheel suspension for motor vehicles. 2,383,101; Aug. 21.

Woosley, Duncan P.: *See*—
Chilton, L. V., and Woosley.

Wooster Brass Company, The: *See*—
Schellin, J. C., Housekeeper, and Brubaker, assignors.

Wooster, John B., Medford Hillside, Mass. Brush stitching machine. 2,378,456; June 19.

Wooster, Philip A.: *See*—
Price, L. L., and Maltby, assignors.

Wooster, Vernon J.: *See*—
Geldhof, P. E., and Wooster.

Wooten, Leland A.: *See*—
Thurber, E. A., and Wooten.

Wooten, Leland A., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coating of electron discharge device parts. 2,368,060; Jan. 23.

Woppman, Joseph G., Williamsville, H. H. Hummel, Eggertsville, and A. J. Newman, Kenmore, N. Y., assignors to Curtiss-Wright Corporation. Degreasing apparatus. 2,366,949; Jan. 9.

Worcester Cap Company: *See*—
Goldman, Harry, assignor.

Worcester, Joseph A., Jr., Fairfield, Conn., assignor to General Electric Company. Noise suppression circuits. 2,370,216; Feb. 27.

Worcester Stamped Metal Company: *See*—
Carlstrom, Carl F., assignor.

Word, James C., Jr.: *See*—
King, R. A., Word, and Sims.

Worden, R. B., Granger, Wash. Fish lure. 2,389,883; Nov. 27.

Worel, Glen J., assignor to Thexton Manufacturing Company, Minneapolis, Minn. Apparatus for reconditioning ball races on automotive distributors and the like. 2,371,570; Mar. 13.

Workman, Ernest R., Chicago, Ill. Welding tool. 2,371,664; Mar. 20.

Workman, Esau, Corcoran, Calif. Internal combustion engine. 2,370,902; Mar. 6.

World Products Corp.: *See*—
Sokoloff, Boris T., assignor.

Worley, Ernest W., Kansas City, Kans. Can opener. 2,375,401; May 8.

Worley, Ernest W., Kansas City, Kans., assignor to Consolidated Razor Blade Co., Inc., Jersey City, N. J. Glider-cradle. 2,380,355; July 10.

Worley, Robert C., Huntsville, Ala. Combined micrometer and crank grinding tool. 2,374,849; May 1.

Worm, Oscar, Chemnitz, Germany; vested in the Alien Property Custodian. Producing welts. 2,379,773; July 3.

Wormell, Robert L., Coventry, assignor to Courtaulds Limited, London, England. Manufacture and production of artificial threads, filaments, and the like. 2,372,622; Mar. 27.

Wormell, Robert L., Coventry, assignor to Courtaulds Limited, London, England. Treatment of casein or the like protein fibers. 2,383,358; Aug. 21.

Wormell, Robert L., Coventry, assignor to Courtaulds Limited, London, England. Manufacture of artificial textile fibers. 2,389,015; Nov. 13.

Wormell, Robert L., Coventry, and C. L. Knight, Rugby, assignors to Courtaulds Limited, London, England. Manufacture and production of artificial threads, filaments, and the like. 2,385,674; Sept. 25.

Wormington, Mabel L., Kansas City, Mo. Hair curler. 2,388,628; Nov. 6.

Wornel, Thomas C., Cincinnati, Ohio, assignor to Underwood Elliott Fisher Company, New York, N. Y. Machine for typewriting on cartons. 2,374,402; Apr. 24.

Worsfold, Charles E., et al.: *See*—
Giorgi, Adelmo, assignor.

Wortendyke, Raymond D., assignor to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Milling machine. 2,368,061; Jan. 23.

Worth, Weldon, Dayton, Ohio. Oil temperature regulator. 2,373,157; Apr. 10.

Worth, Weldon, Dayton, Ohio, E. R. Walker, Kenmore, and S. A. Whitt, assignors to Fedders Manufacturing Company, Inc., Buffalo, N. Y. High-temperature heat-treating furnace. 2,369,879; Feb. 20.

Worthen, Eugene P., East Weymouth, assignor, by mesne assignments, to Buena Vista Iron Company. Apparatus for evaporating and distilling. 2,374,519; Apr. 24.

Worthen, Eugene P., East Weymouth, F. S. Barbour, Wollaston, and S. R. Putnam, Quincy, Mass., assignors, by mesne assignments, to Buena Vista Iron Company. Apparatus for evaporating and distilling. 2,368,588; Jan. 30.

Worthen, Eugene P., Braintree, and B. Fox, Wollaston, Mass., assignors, by mesne assignments, to Buena Vista Iron Company. Single effect evaporator. 2,378,350; June 12.

Worthen, Eugene P., Braintree, and B. Fox, Wollaston, Mass., assignors, by mesne assignments, to Buena Vista Iron Company. Oil fired single effect evaporator. 2,384,226; Sept. 4.

Worthen, John H., Providence, R. I., assignor to Federal Products Corporation. Bore gauge. 2,385,122; Sept. 18.

Worthington, Emory W.: *See*—
Taylor, A., and Worthington.

Worthington, Emory W., Chicago, Ill. Applicator. 2,374,065; Apr. 17.

Worthington, Emory W., assignor to The Goss Printing Press Company, Chicago, Ill. Printing press. 2,366,375; Jan. 2.

Worthington, Emroy W., assignor to The Goss Printing Press Company, Chicago, Ill. Rotary printing press. 2,369,814; Feb. 20.

Worthington, Emory W., assignor to The Goss Printing Press Company, Chicago, Ill. Printing press folder. 2,373,441; Apr. 10.

Worthington, Emory W., assignor to The Goss Printing Press Company, Chicago, Ill. Printing press gripper mechanism. 2,378,523; June 19.

Worthington, Emory W., assignor to The Goss Printing Press Company, Chicago, Ill. Printing press. 2,381,093; Aug. 7.

Worthington, Emory W., assignor to The Goss Printing Press Company, Chicago, Ill. Printing press. 2,381,094; Aug. 7.

Worthington, Harold L.: *See*—
Burke, J. R., Worthington, and Runciman.

Worthington Mower Company: *See*—
Sawtelle, E. R., and Blair, assignors.

Worthington Pump and Machinery Corporation: *See*—
Karassik, Igor J., assignor.
McBath, Bartley R., assignor.
Schorer, Otto J., assignor.
Sebald, Joseph F., assignor.
Steven, George, assignor.
Wisilcenus, George F., assignor.
Zwickl, Joseph R., assignor.

Worthley, Edwin C., Minneapolis, Minn. Cabinet door fastening device. 2,381,095; Aug. 7.

Wortman, O. W.: *See*—
Sarver, Emmett F., assignor.

Worum, Toralf: *See*—
Fink, Ralph F., assignor.

Wosenitz, William C., New Brunswick, N. J. Marine drive. 2,371,013; Mar. 6.

Woxén, Ragnar, Lidingo, assignor to Aktiebolaget C. E. Johansson, Eskilstuna, Sweden. Hardness measuring apparatus. 2,385,958; Oct. 2.

Woytych, Raymond M., and E. J. Kaiser, assignors to Giddings & Lewis Machine Tool Co., Fond du Lac, Wis. Measuring and indicating apparatus for machine tools. 2,376,303; May 15.

Wren, Charles, Toronto, Ontario, Canada. Pouring spout for paper bags and the like. 2,390,822; Dec. 11.

Wright Aeronautical Corporation: *See*—
Browne, Kenneth A., assignor.
Cannon, W. D., and Browne, assignors.
Daub, Rudolph, assignor.
Francisco, William H., Jr., assignor.
Goodman, Willard B., assignor.
Hartley, Cornelius, assignor.
Hill, H. C., Jackes, and Kincaid, assignors.
Jenny, R. W., and Gilie, assignors.
Lundquist, W. G., and Olson, assignors.
Moore, Vincent T., assignor.
Nereaux, Joseph R., assignor.
Setterblade, Earl O., assignor.
Sollinger, Ferdinand P., assignor.
Steiner, Edward C., assignor.
Taylor, Edward S., assignor.
Wiegand, Francis J., assignor.

Wright, Arthur, Upper Montclair, N. J. Filter. 2,371,417; Mar. 13.

Wright, Arthur E., et al.: *See*—
Carol, James E., assignor.

Wright, Arthur G., assignor to Twentieth Century-Fox Film Corporation, Los Angeles, Calif. Microphone boom. 2,366,950; Jan. 9.

Wright-Batchelder Corporation: *See*—
Wright, Wallace C., assignor.

Wright, Calvert C.: *See*—
Spicer, T. S., and Wright.

Wright, David C., Euclid, assignor to The Electric Controller & Manufacturing Company, Cleveland, Ohio. Resistance unit and element thereof. 2,378,056; June 12.

Wright, Donald L., Westfield, N. J., assignor to Standard Oil Development Company. Pneumatic tool lubricant. 2,389,227; Nov. 20.

Wright, Elwood H., Tacoma, Wash. Turbine type engine. 2,370,217; Feb. 27.

Wright, Frank, East Orange, assignor to Breeze Corporations, Inc., Newark, N. J. Drill jig. 2,376,842; May 22.

Wright, Frank O., Memphis, Tenn. Shipping container. 2,369,099; Feb. 6.

Wright, Jack H., assignor of one-half to N. Brenner, Chicago, Ill. Toy pistol. 2,375,879; May 15.

Wright, James G. E., Alplaus, and J. Marsden, Schenectady, N. Y., assignors to General Electric Company. Polysiloxane resins. 2,389,477; Nov. 20.

Wright, James L., Toronto, Ontario, Canada. Merchandise display stand. 2,368,909; Feb. 6.

Wright, John W., assignor to The Fyr-Fyter Company, Dayton, Ohio. Fire extinguisher. 2,368,340; Jan. 30.

Wright, Joseph W., Alton, Ill., assignor to Owens-Illinois Glass Company. Refining glass. 2,387,222; Oct. 16.

Wright, Kenneth A., Los Angeles, Calif. Well production equipment. 2,374,317; Apr. 24.

Wright, Kenneth A., Los Angeles, Calif. Oil well screen. 2,391,609; Dec. 25.

Wright, Kenneth A., Oakland, assignor to Shell Development Company, San Francisco, Calif. Production of diolefins. 2,385,484; Sept. 25.

Wright, Lemuel D.: *See*—
Welch, A. D., and Wright.

Wright, Marcus G., assignor of thirty-five one-hundredths to T. P. Campbell and thirty-five one-hundredths to W. M. Owen, Denver, Colo. Drilling apparatus. 2,388,720; Nov. 13.

Wright, Milton H.: *See*—
Johnson, C. W., Sterling, and M. H. and R. T. Wright.

Wright, Norman, assignor to The Dow Chemical Company, Midland, Mich. Method and apparatus for continuous analysis and control of organic systems. 2,386,830; Oct. 16.

Wright, Norman, assignor to The Dow Chemical Company, Midland, Mich. Method and apparatus for continuous analysis of organic mixtures while in motion and for control of systems comprising such mixtures. 2,386,831; Oct. 16.

Wright, R. G., Company, Inc.: *See*—
Klaiber, F. L., and Clark, assignors.

Wright, Richard C., Bay Village, Ohio, assignor to Iron Fireman Manufacturing Company, Portland, Oreg. Hot gas outlet thimble. 2,388,511; Nov. 6.

Wright, Richard H., Cleveland, Ohio. Latching means for venetian blinds. 2,376,990; May 29.

Wright, Richard H., Cleveland Heights, Ohio, and F. Buick, Dallas, Tex., assignors to The Guarantee Specialty Manufacturing Company, Cleveland, Ohio. Valance clip and positioning valance boards. 2,367,322; Jan. 16.

Wright, Robert T.: *See*—
Johnson, C. W., Sterling, and M. H. and R. T. Wright

Wright, Theodore M., assignor to The Rudolph Wurlitzer Company, North Tonawanda, N. Y. Selector mechanism for automatic phonographs. 2,371,491; Mar. 13.

Wright, Thomas O.: *See*—
Keen, H. H., and Wright.

Wright Tool & Forge Comany: *See*—
Poole, C. E., and Stone, assignors.

Wright, Wallace C., Brookfield, N. H., assignor to Wright-Batchelder Corporation, Boston, Mass. Making sewing ribs for welt insoles. 2,370,829; Mar. 6.

Wright, Wallace C., Brookfield, N. H., assignor to Wright-Batchelder Corporation, Boston, Mass. Flexible welt shoe construction. 2,371,204; Mar. 13.

Wright, Wallace C., Brookfield, N. H., assignor to Wright-Batchelder Corporation, Boston, Mass. Welt insole and sewing rib for attachment thereto. 2,389,114; Nov. 13.

Wright, Wallace C., Brookfield, N. H., assignor to Wright-Batchelder Corporation, Boston, Mass. Shoe and welt therefor. 2,390,485; Dec. 4.

Wright, Walter L., Santa Monica, assignor to Synchrome Corporation, Los Angeles, Calif. Light shield for cameras. 2,373,936; Apr. 17.

Wrightsman, Gilbert G., and S. E. Buckley, Houston, Tex., assignors to Standard Oil Development Company. Producing oil. 2,378,817; June 19.

Wrigley Pharmaceutical Co., Inc.: *See*—
Smith, Joseph P., assignor.

Wrigley, Walter: *See*—
Eaval, O. E., and Wrigley.

Wrigley, Wm., Jr., Company: *See*—
Crosley, R. W., and Conner, assignors.
Ranney, Willet B., assignor.

Wuensch, Charles E., Saratoga, Calif. Centrifugal pump. 2,382,839; Aug. 14.

Wuensch, Charles E., San Francisco, Calif., assignor, by mesne assignments, to Minerals Beneficiation, Incorporated, Joplin, Mo. Separating minerals of different specific gravity. 2,373,635; Apr. 10.

Wulfert, Rodney L., Webster Groves, Mo. Toy rocket projecting gun. 2,375,607; May 8.

Wulff, Frank D., Chicago, Ill. Lawn mower sharpener, including equalizing means. 2,371,492; Mar. 13.

Wulff, John, Cambridge, Mass. Steel powder. 2,368,282; Jan. 30.

Wulff, John, Cambridge, Mass. Classifying metal powders. 2,371,665; Mar. 20.

Wulff, John, Cambridge, Mass. Brass powders. 2,373,158; Apr. 10.

Wulff, John, Cambridge, Mass. Iron and iron alloy powders. 2,381,022; Aug. 7.

Wulff, John, Cambridge, Mass. Apparatus for producing iron alloy powders. 2,381,023; Aug. 7.

Wulff, John, Cambridge, Mass. Producing iron powder from cheap source material. 2,381,024; Aug. 7.

Wulfsberg, Paul G., assignor to Collins Radio Company, Cedar Rapids, Iowa. Volume limiter circuit. 2,372,243; Mar. 27.

Wulstein, Charles, assignor to himself and Murray Gordon, New York, N. Y. Clip. 2,373,070; Apr. 3.

Wunderlich, William E., Muncie, Ind. Inner spring unit. 2,374,850; May 1.

Wünsch, Guido, Berlin-Wannsee, Germany; vested in the Alien Property Custodian. Regulating device for steam generators. 2,388,512; Nov. 6.

Wünsch, Guido, Berlin-Wannsee, Germany; vested in the Alien Property Custodian. Controlling or regulating device for internal-combustion engines. 2,390,143; Dec. 4.

Wuori, Gearhart K.: *See*—
Wuori, Kristian and G. K.

Wuori, Kristian and G. K., Astoria, Oreg. Packing tuna fish. 2,373,988; Apr. 17.

Wurdack, Wm., Electric Manufacturing Company: *See*—
Smith, George R., assignor.

Wurger, Emile, Le Locle, Switzerland. Optical apparatus for gauging. 2,373,989; Apr. 17.

Wurger, Emile, Le Locle, Switzerland. Dog drive for the step by step actuation of films. 2,374,318; Apr. 24.

Wurger, Emile, Le Locle, Switzerland. Revoluble diaphragm for film-displaying apparatus. 2,379,129; June 26.

Wurlitzer, Rudolph, Company, The: *See*—
Farny, Cyril, assignor.
Hayslett, L. E., and Osborne, assignors.
Hokanson, Otto A.
Hokanson, Otto A., assignor.
Hull, Charles J., assignor.
Von Stoeser, Walter, assignor.
Von Stoeser, W., and Osborne, assignors.
Wright, Theodore M., assignor.

Wurth, Walter A., Cranford, N. J., assignor to Standard Oil Development Company. Temperature control of catalytic reactions. 2,383,630; Aug. 28.

Wurton Machine Company: *See*—
Touton, Rush D., assignor.

Wurzer, Martin, assignor to R. F. Sedgley, Inc., Philadelphia, Pa. Releasing mechanism for firing actions. 2,370,435; Feb. 27.

Wyandotte Chemicals Corporation: *See*—
Nutting, Eugene G., Jr., assignor.
Wegst, W. F., McNabney, and Bacon, assignors.

Wyatt Manufacturing Co., Inc., The: *See*—
Spaeth, John J., assignor.

Wyatt, Raymond A.: *See*—
Woolsen, H. T., Herreshoff, Hicks, Parker, and Wyatt.

Wyatt, Raymond A., assignor to Briggs Manufacturing Company, Detroit, Mich. Speed control governor. 2,379,945; July 10.

Wyche, Ernest H., Niagara Falls, N. Y., assignor to Carnegie-Illinois Steel Corporation. Treating inherently aging chromium-nickel stainless steel. 2,390,023; Nov. 27.

Wyche, Ernest H., and R. Smith, Pittsburgh, Pa. Age hardenable chromium-nickel stainless steel. 2,381,416; Aug. 7.

Wyckoff, Lewis B., Lewiston, N. Y., assignor to Electro Metallurgical Company. Ore treatment and concentrate produced thereby. 2,375,268; May 8.

Wyckoff, Roger S., assignor of one-third to L. Williams, Omaha, Nebr. Hearing aid. 2,377,739; June 5.

Wyer, Richard F., Rexford, N. Y., assignor to General Electric Company. Control apparatus. 2,379,774; July 3.

Wylde, Joseph R., and R. G. Perry, Spondon, near Derby, England, assignors to Celanese Corporation of America. Eye shield. 2,389,707; Nov. 27.

Wyler, Joseph A., assignor to Trojan Powder Company, Allentown, Pa. Preparation of tripentaerythritol octanitrate. 2,389,228; Nov. 20.

Wyllie, Francis O'N., assignor, by mesne assignments, to Derka County Trust Company, Reading, Pa. Conditioning molten Be-containing alloys for casting. 2,380,566; July 31.

Wyman, Ellsworth: *See*—
Dalzell, C. B., and Wyman.

Wynn, Clayton S., Darien, Conn., assignor to Air Reduction Company, Incorporated, New York, N. Y. Production of butadiene. 2,374,253; Apr. 24.

Wynn, John A., U. S. Army, Prince Georges County, Md. Canteen cup. 2,386,284; Oct. 9.

Wynne, Charles G.: *See*—
Warmisham, A., and Wynne.

Wynne, Charles G., Leicester, England. Optical objective. 2,379,393; June 26.

Wynne, Charles G., Leicester, England. Optical objective. 2,389,016; Nov. 13.

Wynne, John S., et al.: *See*—
Carruth, Donald D., assignor.

Wyrick, Clayton E., Dayton, Ohio. Turret toolholder. 2,368,736; Feb. 6.

Wyrick, Clayton E., Miami, Fla., assignor to The Egry Register Company, Dayton, Ohio. Coupling. 2,370,602; Feb. 27.

Wyrick, Clayton E., Miami, Fla., assignor to The Egry Register Company, Dayton, Ohio. Web-feeding arrangement. 2,389,834; Nov. 27.

Wyse, Harold G., Dayton, Ohio. Mechanical shaver. 2,369,198; Feb. 13.

Wyss, Clement H., Jr., Tuckahoe, assignor to The Western Union Telegraph Company, New York, N. Y. Radiant energy receiving device. 2,367,816; Jan. 23.

Yackel, Edward C., J. A. Leermakers, and C. J. Staud, assignors to Eastman Kodak Company, Rochester, N. Y. Developing photographic emulsions. 2,388,894; Nov. 13.

Yaeger, Harry C., West Hartford, Conn., assignor to Underwood Corporation. Typewriting machine. 2,384,060; Sept. 4.

Yager, George F., assignor to The Bunting Brass & Bronze Company, Toledo, Ohio. Spindle structure. 2,387,105; Oct. 16.

Yager, Louis, and J. W. Cummings, New York, N. Y. Coupling assembly. 2,385,596; Sept. 25.

Yager, William A.: *See*—
Biggs, B. S., White, and Yager.

Yale & Towne Manufacturing Company, The: *See*—
Carliss, Oswald S., assignor.
Heyer, Frederic K., assignor.
Johnstone, Theodore H., assignor.
Karczewski, Alexander S., assignor.
Potter, Robert S., assignor.
Qunyle, George, assignor.
Rolph, Samuel H., assignor.
Roper, Charles G., assignor.
Schroeder, Charles S., assignor.
Ulinski, Bronislaus, assignor.

Yale, William D.: *See*—
Garrison, A. D., and Yale.

Yamamoto, Ryo, and Takeshi Hara, Taiwan, Japan; vested in the Alien Property Custodian. Extracting vitamin C. 2,383,902; Aug. 28.

Yandell, Anne, New York, N. Y. Foot covering. 2,376,399; May 22.

Yandell, Anne, New York, N. Y. Foot covering. 2,376,400; May 22.

Yandell, Anne McB.: *See*—
Steffanson, Anne Y.

Yanes, Francisco G., assignor to Photoplastic Corporation, New York, N. Y. Indirect photomechanical reproduction. 2,374,910; May 1.

Yankee, Ralph D., Kansas City, Mo. Concrete construction. 2,372,042; Mar. 20.

Yant, William P., Murraysville, assignor of one-half to Mine Safety Appliances Company, Pittsburgh, Pa., and one-half to Rudolph Fink, Dayton, Ohio. Faceplece. 2,382,364; Aug. 14.

Yarbrough, Ira L., Chicago, Ill. Steerable toy. 2,386,745; Oct. 9.

Yard-Man, Inc.: *See*—
Funk, Truman B., assignor.

Yarmolowich, William C., assignor of one-fourth to L. Bacon, Alliance, Ohio. Extension ladder. 2,376,529; May 22.

Yarnall, David R., assignor to Yarnall-Waring Company, Philadelphia, Pa. Resilient protection for flat gauge glasses. 2,374,403; Apr. 24.

Yarnall-Waring Company: *See*—
Yarnall, David R., assignor.

Yarnall, Willis A., Beacon, assignor, by mesne assignments, to The Texas Company, New York, N. Y. Treatment of hydrocarbons. 2,378,057; June 12.

Yates, James H. and M. Thomas, Danville, R. I. Chopper or blocker apparatus. 2,382,689; Aug. 14.

Yates, Tom L., assignor to Lord Manufacturing Company, Erie, Pa. Mounting for electron tubes. 2,384,410; Sept. 4.

Yates, William H., Chicago, and Le R. W. Staunton, Evanston, assignors to Trimz Company, Inc., Chicago, Ill. Wallpaper roll. 2,383,637; Aug. 28.

Yawitz, Murray: *See*—
Kott, H., and Yawitz.

Yawitz, Murray, Prospect Place, and I. F. Suwa, Jackson Heights, assignors to Fish-Schurman Corporation, New York, N. Y. Comparator device. 2,380,567; July 31.

Yawman & Erbe Mfg. Co.: *See*—
Clark, James R., assignor.
Roscoe, Edwin S., assignor.

Yeager, Thomas E., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Jig clamp. 2,384,148; Sept. 4.

Yendes, Harlan W., et al.: *See*—
Monroe, Spencer F., assignor.

Yeomans Brothers Company: *See*—
Jeffery, Harold T., assignor.
Winter, William G., assignor.
Yeomans, Charles, assignor.

Yeomans, Charles, Hubbard Woods, Ill., assignor to Yeomans Brothers Company. Sewage ejector. 2,383,834; Aug. 28.

Yeomans, Charles, Hubbard Woods, assignor to Yeomans Brothers Company. Air compressor and apparatus operated thereby. 2,385,905; Oct. 2.

Yeomans, Lucien I., Inc.: *See*—
Clausen, De Witt, assignor.

Yeomans, Lucien I., Chicago, Ill. Generating bearing surfaces. 2,385,247; Sept. 18.

Yeomans, Lucien I., Chicago, Ill., assignor to E. W. Bliss Company, Brooklyn, N. Y. Bearing. 2,375,269; May 8.

Yerger, Leonard K., Jr., assignor to The Glenn L. Martin Company, Middle River, Md. Antenna folding mechanism. 2,367,164; Jan. 9.

Yerger, Paul A., Bloomsbury, N. J., assignor to Ingersoll-Rand Company, New York, N. Y. Load-controlling apparatus for compressors. 2,372,923; Apr. 3.

Yerkes, Norman J., assignor, by mesne assignments, to Gibson Refrigerator Company, Greenville, Mich. Refrigerator. 2,378,524; June 19.

Yerkovich, Simon, R. H. Sherman, and G. W. Cameron, Fairfield County, Conn., assignors to Dictaphone Corporation, New York, N. Y. Phonograph. 2,371,116; Mar. 6.

Yerrick, William D., and J. Waitkus, assignors to The Air Preheater Corporation, New York, N. Y. Plate rapping mechanism. 2,372,997; Apr. 3.

Yerrick, William D., and J. C. Vickland, Wellsville, assignors to The Air Preheater Corporation, New York, N. Y. Rotor operated washing nozzle. 2,379,506; July 3.

Yerrick, William D., and A. Jensen, Wellsville, assignors to The Air Preheater Corporation, New York, N. Y. Separator. 2,391,534; Dec. 25.

Yingling, Frank B.: *See*—
MacGuire, W. E., and Dodge, assignors.

Yingling, Frank B., Hamilton, Ohio. Valve operating mechanism. 2,385,959; Oct. 2.

Yngve, Victor, Lakewood, Ohio, assignor to Carbide and Carbon Chemicals Corporation. Vinyl resin composition. 2,370,280; Feb. 27.

Yoder, Bertha L., executrix: *See*—
Yoder, Carl M.

Yoder, Carl M., deceased, Lakewood, Ohio; B. L. Yoder, executrix. Machine for crimping sheet metal. 2,370,702; Mar. 6.

Yoder, Carl M., deceased, Lakewood, Ohio; Bertha L. Yoder, executrix. Uncoiling mechanism. 2,386,533; Oct. 9.

Yoder, Carl M., Lakewood, Ohio, deceased, B. L. Yoder, Lakewood, Ohio, executrix. Process of and apparatus for operating on sheet metal. 2,391,499; Dec. 25.

Yoder, Harvey O., et al.: *See*—
Morris, Howard I., assignor.

Yonkers, Edward H., Jr.: *See*—
Meaker, J. W., and Yonkers.

Yonkers, John L., Evanston, Ill. Line connector device. 2,375,270; May 8.

York Corporation: *See*—
Patterson, Velt C., assignor.
St. Onge, Lucien R., assignor.

York, Ernest E., Auburn, assignor to Stanley Dana Corp., Portland, Maine. Apparatus for transmitting voice frequencies over a single grounded line. 2,389,884; Nov. 27.

York, Henry H., Sydney, and W. M. Dummett, Bondi, near Sydney, New South Wales, Australia; said Dummett assignor to said York. Refractory coating material. 2,390,765; Dec. 11.
York, Jones O., and J. C. Winslow, Inglewood, assignors to Northrop Aircraft, Inc., Hawthorne, Calif. Bomb rack. 2,374,066; Apr. 17.
York, Otto H., Maplewood, assignor to Metal Textile Corporation, West Orange, N. J. Nonraveling edge, reinforcing rib of joint structure for knitted metallic mesh fabrics and method of producing same. 2,390,200; Dec. 4.
York, Raymond D., San Angelo, Tex. Nut sheller. 2,376,469; May 22.
York Research Corporation: *See*—
Schlieben, E. W., Ogden, and Berler, assignors.
Yorkin, Maurice A., et al.: *See*—
Bert, Samuel D., assignor.
York-Shipley, Inc.: *See*—
Bortner, David C., assignor.
Yost, Kenneth J. Westport, assignor to Remington Arms Company, Inc., Bridgeport, Conn. Article aligning device. 2,373,623; Apr. 10.
Yost, Kenneth J., Westport, assignor to Remington Arms Company, Inc., Bridgeport, Conn. Inspection device. 2,387,697; Oct. 23.
Yost, Kenneth J., Westport, assignor to Remington Arms Company, Inc., Bridgeport, Conn. Ammunition manufacturing machine. 2,387,698; Oct. 23.
Youell, James E.: *See*—
Stanley, H. M., and Youell.
Youker, Mortimer A., Cragmere, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Interpolymers of vinylidene halides and 1,3-dienes and producing the same. 2,380,356; July 10.
Young, Arthur A.: *See*—
Johansson, E. G., and Young.
Young, Arthur M., assignor to Bell Aircraft Corporation, Buffalo, N. Y. Profiling airscrew blades or the like. 2,367,916; Jan. 23.
Young, Arthur M., assignor to Bell Aircraft Corporation, Buffalo, N. Y. Helicopter aircraft. 2,368,698; Feb. 6.
Young, Arthur M., Paoli, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Aircraft. 2,382,460; Aug. 14.
Young, Arthur M., Paoli, Pa., assignor to Bell Aircraft Corporation, Buffalo, N. Y. Aircraft. 2,384,516; Sept. 11.
Young, Austin E., assignor to Syracuse Chilled Plow Co., Inc., Syracuse, N. Y. Plow. 2,383,698; Aug. 28.
Young, Austin E., assignor to Syracuse Chilled Plow Co., Inc., Syracuse, N. Y. Slip clutch. 2,390,908; Dec. 11.
Young, Berg, Carl E., Los Angeles, Calif. Automatic miniature enlarger. 2,380,818; July 31.
Young, Betty J., et al.: *See*—
Young, William D., assignor.
Young, W. D., and Harris, assignors.
Young, Charles J., Princeton, N. J., assignor to Radio Corporation of America. Facsimile signaling system. 2,386,997; Oct. 16.
Young, Chesley S.: *See*—
Young, H. H. and C. S., and Bradford.
Young, Clint, East St. Louis, Ill. Auxiliary fuel supply for internal-combustion engines. 2,390,979; Dec. 11.
Young, Clinton J. T., assignor to Polaroid Corporation, Cambridge, Mass. Eyeglasses. 2,386,998; Oct. 16.
Young, David W.: *See*—
Evans, H. C., and Young.
Young, David W., Roselle, N. J., assignor to Standard Oil Development Company. Compounded hydrocarbon products. 2,390,342; Dec. 4.
Young, Dorothy R., et al.: *See*—
Young, William D., assignor.
Young, W. D., and Harris, assignors.
Young, Douglass A., East Orange, and V. S. Thomander, Maplewood, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electrical measuring instrument. 2,381,329; Aug. 7.
Young, Edgar C., assignor of one-fourth to I. Hertz, one-fourth to N. Nagel, Long Beach, and one-fourth to H. A. Huebner, Los Angeles, Calif. Welding rod container. 2,382,932; Aug. 14.
Young, Edgar C., assignor of one-fourth to I. Hertz, one-fourth to N. Nagel, Long Beach, and one-fourth to H. A. Huebner, Los Angeles, Calif. Welding rod holder. 2,390,631; Dec. 11.
Young, Edwin C., assignor to Sealed Power Corporation, Muskegon, Mich. Centrifugal pot casting. 2,386,028; Oct. 2.
Young, Fred M., Racine, Wis. Fastening tubes in headers or tube plates. 2,368,391; Jan. 30.
Young, Fred M., Racine, Wis. Car heater and defroster. 2,368,392; Jan. 30.
Young, Fred M., Racine, Wis. Multiple heat exchange unit. 2,378,351; June 12.
Young, Fred M., Racine, Wis. Aviation oil cooler. 2,378,352; June 12.
Young, Fred M., and W. V. Astrup, assignors to Young Radiator Company, Racine, Wis. Chimney type heat exchanger. 2,366,376; Jan. 2.
Young, Fred M., J. C. Shaw, and H. F. Brinen, Racine, Wis., assignors to Young Radiator Company. Heat exchange unit for radial type engines. 2,387,485; Oct. 23.
Young, Frederick E., Yakima, Wash. Window. 2,371,724; Mar. 20.
Young, Furman N.: *See*—
Justice, G. E., Thurston, and Young.
Young, Garth L., assignor to Signal Oil and Gas Company, Los Angeles, Calif. Submarine foundation. 2,382,763; Aug. 14.
Young, George G.: *See*—
Austin, K. B., and Young.
Young, George G., Bridgeport, Conn., assignor to General Electric Company. High-frequency receiver. 2,387,632; Oct. 23.
Young, George H., Indianapolis, Ind., assignor to B. F. Sturtevant Company, Hyde Park, Boston, Mass. Dust collector. 2,375,608; May 8.
Young, George H., assignor to Stoner-Mudge, Inc., Pittsburgh, Pa. Antifouling composition. 2,389,229; Nov. 20.
Young, George H., assignor to Stoner-Mudge, Inc., Pittsburgh, Pa. Antifouling composition. 2,390,408; Dec. 4.
Young, Harland H., assignor to Industrial Patents Corporation, Chicago, Ill. Preparation of organic mercuric nitrate. 2,366,683; Jan. 2.
Young, Harland H. and C. S., and P. Bradford, assignors to Industrial Patents Corporation, Chicago, Ill. Recovery of poly-glyceral resin. 2,382,764; Aug. 14.
Young, Harold W., Maywood, Calif. Rivet set. 2,386,895; Nov. 13.
Young, Harry R.: *See*—
Wood, R. C., and Young.
Young, Harvey L.: *See*—
Leguillon, C. W., and Young.
Young, Harvey L., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Method and apparatus for treating plastic film. 2,373,215; Apr. 10.
Young, Henry G. W., Cambridge, Mass. Device for slicing edibles. 2,376,843; May 22.
Young, Howard S.: *See*—
Hanford, W. E., Roland, and Young.
Young, James H., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Lead-coated steel. 2,371,725; Mar. 20.
Young, James H., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cleaning ferrous metal articles. 2,380,284; July 10.
Young, Jean A., et al.: *See*—
Young, William D., assignor.
Young, W. D., and Harris, assignors.
Young, John, Jr., Huntington Park, assignor to Lane-Wells Company, Los Angeles, Calif. Packer holding device. 2,379,394; June 26.
Young, John E., Merchantville, N. J., assignor to Radio Corporation of America. Radio transmitter. 2,389,835; Nov. 27.
Young, John W., Huntington Palisades, and C. E. Patterson, Pacific Palisades, assignors to Arrowhead Rubber Company, Los Angeles, Calif. Fuel tank flapper valve. 2,378,613; June 19.
Young, Joseph E.: *See*—
Couse, K. W., Young, and Sutphen.
Young, Joseph E., assignor to Couse Laborstories, Newark, N. J. Power take-off. 2,379,775; July 3.
Young, Joseph E., assignor to Couse Laboratories, Newark, N. J. Power take-off. 2,379,776; July 3.
Young, L. A., Spring & Wire Corporation: *See*—
Eoff, Clarence N., assignor.
Klingsinger, R., Pinkham, and Friegal, assignors.
Young, L. A., Spring and Wire Corporation, Star-Service Hanger Division: *See*—
Coney, James D., assignor.
Young, Leonard A., assignor to Bowen Products Corporation, Detroit, Mich. Garment hanger. 2,372,998; Apr. 3.
Young, Leonard A., assignor to Bowen Products Corporation, Detroit, Mich. Garment hanger. 2,372,999; Apr. 3.
Young, Leonard A., Detroit, assignor to Bowen Products Corporation, Ecorse, Mich. Garment hanger. 2,373,000; Apr. 3.
Young, Leonard A., Detroit, Mich. Garment hanger. 2,375,161; May 1.
Young, Leonard A., Detroit, Mich. Garment hanger. 2,376,220; May 15.
Young, Leonard W., Northwood, England. Lock and fastening device. 2,381,633; Aug. 7.
Young, Lincoln T., Lynwood, Calif. Smoking pipe. 2,373,525; Apr. 10.
Young, Lloyd L., Patchogue, N. Y., assignor to Radio Corporation of America. Ring means for fastening insulating spacers in concentric lines. 2,379,331; June 26.
Young, Lloyd W.: *See*—
Jacobsson, W. J., and Young.
Young, Lloyd W., Elizabeth, N. J., assignor to Union Carbide and Carbon Corporation. Templet-following machine. 2,388,376; Nov. 6.
Young, Melvin C., Springfield, Ill. Hydraulic roller-bearing directional pressure wedge. 2,385,753; Sept. 25
Young, Michael A.: *See*—
Roberts, R. P., Johnson, and Young.
Young, Nancy L., et al.: *See*—
Young, William D., assignor.
Young, W. D., and Harris, assignors.

Young, Nathaniel, Kittery, Maine. Automatic thread chasing attachment. 2,370,218; Feb. 27.
Young Radiator Company: *See*—
Shaw, Joe C., assignor.
Shaw, J. C., and Kidd, assignors.
Young, F. M., and Astrup, assignors.
Young, F. M., Shaw, and Brinen, assignors.
Zumnach, John G., assignor.
Young, Richard V.: *See*—
Seymour, M. W., and Young.
Young, Stephen M.: *See*—
Scarlett, A. A., and Young.
Young, W. Chase, et al., trustees: *See*—
Emerson, Arthur J., assignor.
Young, W. Ford, et al.: *See*—
Ramsay, Marcus, assignor.
Young, William D.: *See*—
Harris, W. A., assignor.
Young, William D., Greenville, S. C., assignor of ten per cent to T. B. Taylor, ten per cent to M. S. Taylor, Port Washington, N. Y., fifteen per cent to D. R. Young, Greenville, S. C., twenty per cent to A. C. Kingston, Belmont, Mass., ten per cent to B. J. Young, ten per cent to J. A. Young, ten per cent to N. L. Young, Greenville, S. C., and one per cent to E. D. Richter, Montclair, N. J. Packaging apparatus and method. 2,380,624; July 31.
Young, William D., and W. A. Harris, assignors of twenty per cent to said Young, twenty per cent to D. R. Young, twenty per cent to B. J. Young, twenty per cent to J. A. Young, and twenty per cent to N. L. Young, Greenville, S. C. Selectively operable vending machine. 2,379,208; June 26.
Young, William G., Oak Park, assignor to Chicago Fire Brick Company, Chicago, Ill. Furnace wall. 2,369,100; Feb. 6.
Young, William R.: *See*—
Mueller, A. G., Young, and Dazley.
Young, William R., Fairfield, Conn., assignor to General Electric Company. Electrical switch. 2,384,985; Sept. 18.
Youngchild, Casper E., Glens Falls, assignor to International Paper Company, New York, N. Y. Sheet cutter. 2,376,470; May 22.
Youngsma, James: *See*—
Hargreaves, R., and Youngsma.
Youngstown Steel Door Company, The: *See*—
Beauchamp, Wilfred A., assignor.
Beauchamp, W. A., and Madland, assignors.
Ditchfield, Frank, assignor.
Madland, Thorvald, assignor.
Reese, Samuel, assignor.
Younkins, Earl L., South Nyack, N. Y. Noncollapsible nipple. 2,390,861; Dec. 11.
Yount, Willis H.: *See*—
Maloon, E. B., and Yount.
Yoxsimer, Orland H., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Resin compositions. 2,372,153; Mar. 20.
Yoxsimer, Orland H., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. 2,375,880; May 15.
Yuba Tank & Steel Co.: *See*—
Markwart, E. H., and Cannon.
Yudell Realty Corporation: *See*—
Rosenberg, Joseph L. S., assignor.
Yule, John A. C., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic material. 2,367,551; Jan. 16.
Yule, John A. C., assignor to Eastman Kodak Company, Rochester, N. Y. Color reproduction. 2,382,690; Aug. 14.
Yundt, Michael, Company: *See*—
Gerlach, Charles L., assignor
Yungman, Elroy W., Cleveland, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electrostatic charging structure. 2,380,993; Aug. 7.
Zabel, William C. P., and R. C. Helfenbein, Chicago, Ill. Culinary utensil. 2,391,215; Dec. 18.
Zabel, William P., East Cleveland, Ohio, assignor to General Electric Company. Coiled filament or cathode and manufacture. 2,371,205; Mar. 13.
Zacher, Vernon B.: *See*—
Butler, D. E., Herold, and Zacher.
Zademach, Erich R., Elizabeth, assignor, by mesne assignments, to Metalwash Machinery Company, Newark, N. J. Article treating machine. 2,389,337; Nov. 20.
Zadig, Ernest A., Norwalk, Conn. Spectacles. 2,384,149; Sept. 4.
Zaeslin, Hans H.: *See*—
Martin, H., Zaeslin, Hirt, Glatthaar, and Staub.
Zaffo, George J., and A. Dutch, Mount Vernon, N. Y. Animated book. 2,372,349; Mar. 27.
Zahn, Charles T., assignor to American Viscose Corporation, Wilmington, Del. Device for measuring yarn friction. 2,378,614; June 19.
Zahodiakin, Victor F., Maplewood, N. J. Control mechanism. 2,369,512; Feb. 13.
Zahodiakin, Victor F., Maplewood, N. J. Control mechanism. 2,369,513; Feb. 13.
Zahodiakin, Victor F., Short Hills, N. J. Control mechanism. 2,369,514; Feb. 13.
Zahodiakin, Victor F., Short Hills, N. J. Control mechanism. 2,382,765; Aug. 14.
Zahodiakin, Victor F., Short Hills, N. J. Control mechanism. 2,382,766; Aug. 14.
Zahutnik, Walter A., Gary, Ind., assignor to Carnegie-Illinois Steel Corporation. Device for bending coil convolutions. 2,387,380; Oct. 23.
Zaikowsky, Wladimir M., Pasadena, assignor, by mesne assignments, to Consolidated Engineering Corporation, Los Angeles, Calif. System for gas analysis. 2,370,703; Mar. 6.
Zaikowsky, Wladimir M., Pasadena, and H. E. Metcalf, San Francisco, assignors to Consolidated Engineering Corporation, Pasadena, Calif. Obtaining soil gas samples. 2,386,832; Oct. 16.
Zak, Theodore J.: *See*—
Jones, F. L., and Zak.
Zalesak, William A., et al.: *See*—
Harding, Lloyd E., assignor.
Zalkind, Joseph, New York, N. Y. Line-up platen. 2,381,197; Aug. 7.
Zalkind, Philip, New York, N. Y. Container fastening means. 2,372,805; Apr. 3.
Zalkind, Philip, New York, N. Y. Wall connection for collapsible container. 2,372,806; Apr. 3.
Zaloudek, William A.: *See*—
Hobbs, H. H., and Zaloudek.
Zanarini, Giuseppe, Turin, Italy; vested in the Alien Property Custodian. Television apparatus. 2,369,631; Feb. 13.
Zander, Gustaf R., Stockholm, Sweden. Gymnastic apparatus for mobilizing stiff joints. 2,387,966; Oct. 30.
Zap, Edward F., Los Angeles, Calif. Aerodynamic member. 2,383,102; Aug. 21.
Zaparanick, Joseph: *See*—
Cook, A. A., Tjorn, and Zaparanick.
Zapf, Norman F., Milton, Mass., assignor to Manning, Maxwell & Moore, Incorporated, New York, N. Y. Indicating means for pumps. 2,370,103; Feb. 20.
Zappacosta, Amedeo D., Philadelphia, Pa., assignor to Radio Corporation of America. Combined volume and selectivity control device. 2,388,590; Nov. 6.
Zappert, Robert H., Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. Hardening of gelatin. 2,372,873; Apr. 3.
Zappia, Anthony T.: *See*—
Samuelson, O. H., and Zappia.
Zaremba Company: *See*—
Hughes, John S., assignor.
Zarnack, Werner: *See*—
Gosslau, F., Schmidt, and Zarnack.
Zarth, Charles E., assignor to Wingfoot Corporation, Akron, Ohio. Metal ring. 2,383,577; Aug. 28.
Zarwell, Cedric E.: *See*—
Johnson, R. W., and Zarwell.
Zatko, Michael, Oaklawn, Ill. Welder's comforting and accessory suspension belt. 2,388,811; Nov. 13.
Zavatkay, Frederick F., New Haven, Conn. Rail and frog carrying device. 2,368,910; Feb. 6.
Zech, John D.: *See*—
Reiff, O. M., and Zech.
Zeechar Corporation: *See*—
Auerbach, Zemach, assignor.
Zegarelli, Joseph, Oneida, N. Y. Fabric spreader. 2,374,319; Apr. 24.
Zeichner, George I., Brooklyn, N. Y. Threading apparatus. 2,377,659; June 5.
Zeidler, Reinhold C., Detroit, Mich., assignor to Borg-Warner Corporation, Chicago, Ill. Fluid coupling. 2,378,353; June 12.
Zeidler, Reinhold C., Detroit, Mich., assignor to Borg-Warner Corporation, Chicago, Ill. Fluid coupling. 2,386 285; Oct. 9.
Zeier, Frederick F.: *See*—
Ackerman, J. E., and Zeier.
Zeigler, Clarence C., assignor to Industrial Patents Corporation, Chicago, Ill. Gelatin. 2,368,393; Jan. 30.
Zeilman, Roy H., assignor to The Thew Shovel Company, Lorain, Ohio. Boom for load handling machines. 2,382,767; Aug. 14.
Zeilman, Roy H., assignor to The Thew Shovel Company, Lorain, Ohio. Line take-up for power shovels, cranes, and the like. 2,385,906; Oct. 2.
Zeilman, Roy H., and A. Smythe, Elyria, assignors to The Thew Shovel Company, Lorain, Ohio. Power shovel, crane, and the like. 2,380,625; July 31.
Zeilman, Roy H., and A. Smythe, Elyria, assignors to The Thew Shovel Company, Lorain, Ohio. Mobile power shovel, crane, and the like. 2,380,626; July 31.
Zeilstra, Maurice L., Richmond, Calif. Welding electrode holder. 2,379,777; July 3.
Zeitlin, Frank: *See*—
Kress, O., Zeitlin, and Staman.
Zelano, Joseph, New York, N. Y. Ventilated clothing. 2,391,535; Dec. 25.
Zeller, Josef J., assignor to Square D Company, Detroit, Mich. Circuit breaker. 2,375,881; May 15.
Zeller, Theodore J., Plainfield, N. J., assignor to Mack Manufacturing Corporation, Long Island City, N. Y. Power operated clutch mechanism. Re. 22,669; Aug. 21.

Zellhoefer, Glenn F., Normal, C. S. Marvel, Urbana, Ill., and M. J. Copley, Philadelphia, Pa., assignors, by mesne assignments to Eureka Vacuum Cleaner Company, Detroit, Mich. Composition of matter. 2,390,766; Dec. 11.

Zellner, Carl N., Townley Union, assignor to Tide Water Associated Oil Company, Bayonne, N. J. Halogenation. 2,370,342; Feb. 27.

Zellos, Andrew, Ossining, N. Y. Pump. 2,373,526; Apr. 10.

Zellos, Andrew, Ossining, N. Y. Bellows. 2,387,486; Oct. 23.

Zemaitis, Joseph F., Waterbury, Conn., assignor to Dispersions Process, Inc., New York, N. Y. Thermoplastic composition. 2,375,162; May 1.

Zemaitis, Joseph F., Waterbury, Conn., assignor to Dispersions Process, Inc., New York, N. Y. Adhesive composition. 2,375,163; May 1.

Zemberry, William L.: *See*—
Gruber, L. B., and Zemberry.

Zempel, Edward A., Milwaukee, Wis. Boring bar. 2,380,627; July 31.

Zempel, Edward A., Milwaukee, Wis. Metal stock having a square hole and making said stock. 2,380,628; July 31.

Zendek, Frank F.: *See*—
Shean, D., and Zendek.

Zender, Justin: *See*—
Wallach, R. N., and Zender.

Zenith Optical Company: *See*—
Polan, Lincoln M.

Zenith Radio Corporation: *See*—
Beck, Virgil R., assignor.
Bell, John F., assignor.
Benin, Zolmon, assignor.
Gustafson, Gilbert E., assignor.
Knight, Cosler D., assignor.
Lytle, Chester W., assignor.
Striker, George O., assignor.
Tellander, F., and Wagenknecht, assignors.
Wagenknecht, Otto E., assignor.

Zenner, Walter J., Des Plaines, assignor to Teletype Corporation, Chicago, Ill. Telegraph switching system. 2,380,007; July 10.

Zenner, Walter J., Des Plaines, assignor to Teletype Corporation, Chicago, Ill. Mechanical extensor. 2,382,596; Aug. 14.

Zephyr Laundry Machinery Company: *See*—
Koplin, H., Slate, and Haunost, assignors.

Zerbee, Louis J., Bellefontaine, Ohio. Loom. 2,383,903; Aug. 28.

Zerbst, Rudolph: *See*—
Smith, K., and Zerbst.

Zesar, Nouvelle S. A.: *See*—
Lauper, W., assignor.

Ziebolz, Herbert, assignor to Askania Regulator Company, Chicago, Ill. Centrifugal speed governor. 2,376,844; May 22.

Ziebolz, Herbert, assignor to Askania Regulator Company, Chicago, Ill. Follow-up device, more particularly for machine tools. 2,380,357; July 10.

Ziebolz, Herbert, assignor, by mesne assignments, to Electronbeam, Ltd., Chicago, Ill. Force measuring apparatus. 2,383,757; Aug. 28.

Ziebolz, Herbert, assignor, by mesne assignments, to Electronbeam, Ltd., Chicago, Ill. Electronic translating device. 2,383,758; Aug. 28.

Ziebolz, Herbert, assignor to Askania Regulator Company, Chicago, Ill. Apparatus for detecting trends in observed data. 2,390,569; Dec. 11.

Ziegelhoefer, Edward G.: *See*—
Dobl, Robert A., and Ziegelhoefer.

Ziegler, Eugene, West Didsbury, Manchester, England. Production of photomechanical printing surfaces. 2,388,107; Oct. 30.

Ziegler, John B., Jr.: *See*—
Weijlard, J., and Ziegler.

Ziegler, John G., assignor to Taylor Instrument Companies, Rochester, N. Y. Controlling system. 2,388,457; Nov. 6.

Ziegler, Marc, Buenos Aires, Argentina, assignor to Hartford National Bank and Trust Company, Hartford, Conn. Frequency modulation receiver. 2,383,359; Aug. 21.

Ziegler, Marc, J. F. Visscher and L. J. Cavallero, Buenos Aires, Argentina, assignors to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. F-M transceiver. 2,379,395; June 26.

Ziegler, Paul F.: *See*—
Morrison, D. E., and Ziegler.

Ziemmerman, Henry, assignor to Chicago Cardboard Company, Chicago, Ill. Hanging display. 2,373,074; Apr. 3.

Zienty, Ferdinand B.: *See*—
Kyrides, L. P., and Zienty.

Zienty, Ferdinand B., assignor to Monsanto Chemical Company, St. Louis, Mo. Process for production of sulphanilamide derivatives. 2,391,853; Dec. 25.

Zillessen, Walter H.: *See*—
Heintz, W. P., and Zillessen.

Zilliotto, Giovanni, C., Lake Orion, assignor to R. C. Mahon Company, Detroit, Mich. Automatic foam control for air cleaners. 2,379,396; June 26.

Zilliox, John, Orchard Park, assignor to R. G. Blendinger, Buffalo, N. Y. Boiler tube scraper. 2,377,598; June 5.

Zimdars, John B., San Francisco, Calif. Gripping tool. 2,390,570; Dec. 11.

Zimmer, John C.: *See*—
Beerbower, A., and Zimmer, assignors.
Morway, A. J., and Zimmer.

Zimmer, John C., Union, N. J., assignor to Standard Oil Development Company. Preventing foaming during removal of olefin monomers. 2,379,268; June 26.

Zimmer, John C., Union, N. J., assignor to Standard Oil Development Company. Lubricant manufacture. 2,383,904; Aug. 28.

Zimmer, John C., Union, and A. J. Morway, Rahway, N. J., assignors to Standard Oil Development Company. Lubricating grease composition. 2,374,966; May 1.

Zimmer, John C., Union, and A. J. Morway, Clark Township, Union County, N. J., assignors to Standard Oil Development Company. Grease composition. 2,378,818; June 19.

Zimmer, John C., Union, and A. J. Morway, Clark Township, Union County, N. J., assignors to Standard Oil Development Company. Lubricating grease composition. 2,380,893; July 31.

Zimmer, John C., and G. M. McNulty, Union, N. J., assignor to Standard Oil Development Company. Lubricants. 2,383,905; Aug. 28.

Zimmer, John C., Union, and A. J. Morway, Clark Township, Union County, N. J., assignors to Standard Oil Development Company. Improved manufacture. 2,383,906; Aug. 28.

Zimmer, John C., Union, and A. J. Morway, Clark Township, Union County, N. J., assignors to Standard Oil Development Company. Lubricating composition. 2,391,113; Dec. 18.

Zimmer Manufacturing Company: *See*—
Ettinger, Joe J., assignor.
McCartney, Howard R., assignor.

Zimmer-Thomson Corporation: *See*—
Thomson, J. B., and S. G., assignors.

Zimmerman, Edward C., Winnetka, assignor to Patent License Corporation, Chicago, Ill. Lighting fixture. 2,372,874; Apr. 3.

Zimmerman, Frank, Detroit, Mich. Garment hanger. 2,370,436; Feb. 27.

Zimmerman, Gordon B., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 2,388,942; Nov. 13.

Zimmerman, Gordon B., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 2,390,285; Dec. 4.

Zimmerman, Henry, St. Louis, Mo. Tabbing cement. 2,387,947; Oct. 30.

Zimmerman, Herbert L., Shorewood, assignor to The Fulton Company, West Allis, Wis. Strap structure. 2,377,061; May 29.

Zimmerman, Herman W., North Newington, Conn. Pneumatic valve lapping tool. 2,376,746; May 22.

Zimmerman, Ralph O., Des Plaines, Ill. Form for constructing steps. 2,389,397; Nov. 20.

Zimmerman, Ralph W., Bradenton, Fla. Combined timing and display apparatus. 2,375,062; May 1.

Zimmerman, Robert D., Phillipsburg, N. J., assignor to Ingersoll-Rand Company, New York, N. Y. Guide for drill steels. 2,368,511; Jan. 30.

Zimmerman, Robert D., Phillipsburg, N. J., assignor to Ingersoll-Rand Company, New York, N. Y. Drilling implement. 2,368,512; Jan. 30.

Zimmerman, Robert D., Phillipsburg, N. J., assignor to Ingersoll-Rand Company, New York, N. Y. Attaching a threaded member to a body. 2,370,603; Feb. 27.

Zimmerman, Walter B., W. A. Martin, and J. Chisik, Winnipeg, Manitoba, Canada. Automatic welding visor shutter. 2,384,517; Sept. 11.

Zimmermann, Erich G., Seattle, Wash. Self-sealing stuffing box. 2,366,824; Jan. 9.

Zimmermann, William F., Burlington, N. J. Brush applicator. 2,377,837; June 5.

Zimmermann, William F., Maplewood, assignor to Gould & Eberhardt, Incorporated, Irvington, N. J. Worm gear hobbing machine. 2,374,254; Apr. 24.

Zimmermann, William F., Maplewood, assignor to Gould & Eberhardt, Incorporated, Irvington, N. J. Gear transmission. 2,374,256; Apr. 24.

Zindel, George, Jr., Elkins Park, assignor to Philco Radio & Television Corporation, Philadelphia, Pa. Viewing device for cathode ray tube screens and the like. 2,388,203; Oct. 30.

Zingaro, Placido W.: *See*—
Smith, H. J., and Zingaro.

Zingsheim, Edward W.: *See*—
Barth, E. J., and Zingsheim.

Zink, William L., Piano, and B. T. Aasland and V. O. Hauswirth, Kankakee, assignors to Sears, Roebuck and Co., Chicago, Ill. Tractor mower. 2,371,206; Mar. 13.

Zinn, Julius A., Jr., Belmont, Mass. Carton. 2,390,909; Dec. 11.

Zinn, Manvel K., Manhasset, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Negative resistance loading. 2,373,624; Apr. 10.

Zinner, Daniel, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. De-emulsifying agents. 2,372,623; Mar. 27.

Zint, George, Wapakoneta, Ohio. Tobacco feeding device. 2,389,398; Nov. 20.

Zinty, Marcel J. A., New York, N. Y., assignor to Magnus Chemical Company, Inc., Garwood, N. J. Cleaning machine. 2,375,723; May 8.

Zion, Forest L.: *See*—
Fausset, E. R., and Zion.

Zipeto, Cosmo D., Philadelphia, Pa. Hot-water heater. 2,371,096; Mar. 6.

Zipp, Drayton C.: *See*—
Cross, C. B., and Zipp.

Zipper, Emil, Paris 16, France; vested in the Alien Property Custodian. Brake. 2,376,889; May 29.

Zirin, Samuel, Brooklyn, N. Y. Garment hanger. 2,366,665; Jan. 2.

Zoia, Hector G., Cleveland, Ohio. Food serving device. 2,380,629; July 31.

Zois, George B., Bronx, N. Y. Floral design. 2,366,377; Jan. 2.

Zois, Morris, New York, N. Y. Buckle construction. 2,368,283; Jan. 30.

Zolad, John J., Detroit, Mich., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coating compositions. 2,389,708; Nov. 27.

Zoll, Carl M., Metairie, La., assignor to Marine Salvage & Equipment, Inc., Baltimore, Md. Self-adjusting hoisting means for sunken ships. 2,382,840; Aug. 14.

Zonis, Sydney, Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Rotary take-up mechanism for sewing machines. 2,385,960; Oct. 2.

Zonis, Sydney, Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Lubricating device for sewing machines. 2,387,968; Oct. 30.

Zorc, Frank J., Jr., Waukegan, Ill. Boat launching trailer. 2,389,338; Nov. 20.

Zotos Corporation: *See*—
Evans, R. L., and McDonough, assignors.

Zubatsky, Eugene M., Milwaukee, Wis. Combination shipping crate and trailer. 2,369,384; Feb. 13.

Zublin, Ernest W.: *See*—
Barnum, E. R., and Zublin.
Larsen, R. G., and Zublin.

Zublin, Ernest W., Sausalito, E. R. Barnum, Berkeley, and E. R. White, Albany, assignors to Shell Development Company, San Francisco, Calif. Corrosion protection of metals. 2,371,207; Mar. 13.

Zublin, John A., Los Angeles, Calif. Drilling bit. 2,367,637. Jan. 16.

Zublin, John A., Los Angeles, Calif. Drilling holes. 2,382,933; Aug. 14.

Zublin, John A., Los Angeles, Calif. Manufacturing rolling cutters for drilling purposes. 2,388,108; Oct. 30.

Zubri-Zol Corporation, The: *See*—
Knutson, A. T., and Graves, assignors.

Zuckerman, Adolph M., assignor to R. Hoe & Co., Inc., New York, N. Y. Multicolor printing machine. 2,368,341; Jan. 30.

Zuckerman, Adolph M., assignor to R. Hoe & Co., Inc., New York, N. Y. Intaglio web printing machine. 2,386,029; Oct. 2.

Zuckerman, Roscoe C., Stockton, Calif. Smoking device. 2,387,381; Oct. 23.

Zuckermann, Armand, Paris, France; vested in the Alien Property Custodian. Signaling or advertising device. 2,384,869; Sept. 18.

Zucrow, Maurice J., assignor to Ring Balance Instrument Company, Chicago, Ill. Integrator. 2,376,108; May 15.

Zuellig, Eugene, Hamilton, Ohio. Tailstock turret. 2,371,014; Mar. 6.

Zühlke, Marcel, Berlin No 55, Germany; vested in the Alien Property Custodian. Arrangement for protecting circuit breakers. 2,375,609; May 8.

Zuk, Joseph, Chicago, Ill. Sanding machine. 2,379,054; June 26.

Zukor, Arnold, New York, N. Y. Automatic airplane safety raising and guiding device. 2,381,478; Aug. 7.

Zumbiel, C. W., Company.: *See*—
Rau, Eric J., assignor.

Zumbrink, Albert F.: *See*—
Eickmeyer, E. E., Horvath, and Zumbrink.

Zummach, John G., assignor to Young Radiator Company, Racine, Wis. Apparatus for flanging openings in tube type headers. 2,368,394; Jan. 30.

Zunick, Michael J., Columbus, Ohio, assignor to General Electric X-Ray Corporation, Chicago, Ill. Anode structure. 2,379,397; June 26.

Zurcher, Josef, administrator: *See*—
Felix, F., and Zurcher.

Zurcher, Werner: *See*—
Felix, F., and Zurcher.

Zvolanek, John, Fort Myers, Fla. Nozzle for watering cans. 2,372,466; Mar. 27.

Zweers, Bernardus H. H., Naarden, Netherlands; vested in the Alien Property Custodian. Lowering a construction with a comparatively large base into the soil. 2,382,768; Aug. 14.

Zweidler, Reinhard: *See*—
Keller, E., and Zweidler.

Zwick, Kurt, Munich, Germany; vested in the Alien Property Custodian. Tool grinding machine. 2,368,342; Jan. 30.

Zwick, Kurt, Munich, Germany; vested in the Alien Property Custodian. Copying machine. 2,371,941; Mar. 20.

Zwickel, Elmer L., Chicago, Ill. Aerial toy. 2,388,513; Nov. 6.

Zwicker, Benjamin M. G.: *See*—
Browning, G. L., Jr., and Zwicker.
Browning, G. L., Jr., Stewart, and Zwicker.
Stewart, W. D., and Zwicker.

Zwicker, Benjamin M. G., assignor, by mesne assignments, to The B. F. Goodrich Company, Akron, Ohio. Synthetic rubber latex. 2,386,764; Oct. 16.

Zwicker, Benjamin M. G., Akron, Ohio, and W. D. Stewart, Yonkers, assignors to The B. F. Goodrich Company, New York, N. Y. Modifiers for polymerization of butadiene-1,3 hydrocarbons. 2,388,514; Nov. 6.

Zwicker, Benjamin M. G., Akron, Ohio, and W. D. Stewart, Yonkers, assignors to The B. F. Goodrich Company, New York, N. Y. Modifiers for polymerization of butadiene-1,3 hydrocarbons. 2,388,515; Nov. 6.

Zwickey, Clifford J., North St. Paul, Minn. Arrowhead. 2,373,216; Apr. 10.

Zwickl, Joseph R., East Orange, assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Cooler or evaporator. 2,384,413; Sept. 4.

Zwicky, Melchoir, Berkshire Heights, assignor to Textile Machine Works, Wyomissing, Pa. Maintaining the initial positioning of cooperating knitting machine parts. 2,366,227; Jan. 2.

Zwirn, Charles W., New York, N. Y. Projector slide equipment. 2,371,666; Mar. 20.

Zylo Ware Corporation: *See*—
Roy, Eudice, assignor.

Zylstra, Sidney C., Flint, Mich. Filter structure. 2,378,879; June 19.

LIST OF DESIGN PATENTEES

A. C. Mfg. Co.: *See*—
Jones, George W., assignor.
Ward, John S., assignor.

Aard Company: *See*—
Fretz, Edward T., assignor.

Aaronson, Hyman S., Meriden, Conn. Clothes drier. 140,187; Jan. 30.

Aaronson, Hyman S., Meriden, Conn., and L. L. Austin, Mount Vernon, N. Y. Offset valve vulcanizing block. 140,494; Mar. 6.

Aber, Sylvia, New York, N. Y. Dress. 141,578; June 12.
Aber, Sylvia, New York, N. Y. Dress. 141,579; June 12.
Aber, Sylvia, New York, N. Y. Dress. 141,580; June 12.
Aber, Sylvia, New York, N. Y. Dress. 142,807; Nov. 13.
Aber, Sylvia, New York, N. Y. Dress. 142,808; Nov. 13.

Abicht, Augusta: *See*—
Fisk, R. L., and Abicht.

Abraham, Ray, Chicago, Ill., assignor to J. C. Hockery, F. L. Talge, and H. J. Talge, doing business as Rival Manufacturing Company, Kansas City, Mo. Juice extractor. 140,237; Feb. 6.

Abrams, Howard, University Heights, Ohio. Smoking pipe. 143,257; Dec. 25.

Abrams, William, assignor to I. Feldman, Chicago, Ill. Child's plate. 141,597; June 19.

Abrams, William, assignor to I. Feldman, Chicago, Ill. Child's plate. 141,598; June 19.

Abrams, William, assignor to I. Feldman, Chicago, Ill. Child's plate. 141,599; June 19.

Abrams, William, assignor to I. Feldman, Chicago, Ill. Child's plate. 141,600; June 19.

Abrams, William, assignor to I. Feldman, Chicago, Ill. Child's plate. 141,625; June 19.

Abrams, William, assignor to I. Feldman, Chicago, Ill. Child's plate. 141,626; June 19.

Abramson, Nathan, New York, N. Y., assignor to Presto Electric Co., Union City, N. J. Combined chime and clock. 141,479; June 5.

Abramson, Nathan, New York, N. Y., assignor to Presto Electric Co., Union City, N. J. Chime signal. 141,480; June 5.

Abramson, Nathan, New York, N. Y., assignor to Presto Electric Co., Union City, N. J. Chime signal. 141,481; June 5.

Abramson, Nathan, New York, N. Y., assignor to Presto Electric Co., Union City, N. J. Chime signal. 141,482; June 5.

Abramson, Nathan, New York, N. Y., assignor to Presto Electric Co., Union City, N. J. Chime signal. 141,483; June 5.

Abramson, Nathan, New York, N. Y., assignor to Presto Electric Co., Union City, N. J. Chime signal. 141,484; June 5.

Abramson, Nathan, New York, N. Y., assignor to Presto Electric Co., Union City, N. J. Door chime casing. 141,485; June 5.

Abramson, Nathan, New York, N. Y., assignor to Presto Electric Co., Union City, N. J. Door chime casing. 141,486; June 5.

Abramson, Nathan, New York, N. Y., assignor to Presto Electric Co., Union City, N. J. Combined clock and door chime. 143,106; Dec. 11.

Acosta, Edna M., Los Angeles, Calif. Combined shoe sole and heel. 142,929; Nov. 20.

Adam Hat Stores, Inc.: *See*—
Beckhoff, Ben, assignor.

Adams, Emory W., Oakland, Md. Time indicator or the like. 143,107; Dec. 11.

Adams, William L.: *See*—
Dawson, B. H., and Adams.

Adel Precision Products Corp.: *See*—
Chapman, Harvey G., Jr., assignor.
Hartley, Richard A., assignor.
Kehle, Ottmar A., assignor.
Storm, Frederick K., assignor.

Adler, Barney, Montreal, Quebec, Canada. Finger ring. 141,337; May 22.

Adler, Daniel A., Glendale, Calif. Hair comb. 142,930; Nov. 20.

Adlerbert, Bo, Scotch Plains, N. J. Milk bottle. 141,569; June 12.

Adrian, William M., Evanston, assignor to Patent License Corporation, Chicago, Ill. Lens panel for a lighting fixture. 141,155; May 8.

Adrian, William M., Evanston, assignor to Patent License Corporation, Chicago, Ill. Lens panel for lighting fixture. 141,822; July 10.

Aero-Crafts Corporation: *See*—
Eleonin, Victor, assignor.

Agency Paper Company: *See*—
Cohen, Meyer, assignor.

Ahern, Marie A.: *See*—
Block, Rudolph, assignor.

Ahrndt, Arthur H., assignor to U. S. Slicing Machine Company, La Porte, Ind. Meat tenderer. 142,508; Oct. 9.

Ahrndt, Arthur H., assignor to U. S. Slicing Machine Company, La Porte, Ind. Gauge plate for slicing machines. 143,108; Dec. 11.

Aichele, Philip F., Great Neck, N. Y. Drawing instrument. 140,152; Jan. 30.

Ainge, Gladys W., Bryn Mawr, Pa. Doll or the like. 140,874; Apr. 17.

Air-Col Corporation: *See*—
Clayton, Ross M., assignor.

Ainenstein, Louis, & Bros.: *See*—
Anthony, Alfred A., assignor.

Aitchison, Telford, Ottawa, Ontario, Canada. Game board 140,742; Apr. 3.

Ajello, Ralph A., New York, N. Y. Candle holder. 142,368; Sept. 25.

Aker, Leonard, Atherton, Calif., assignor, by mesne assignments, to Fairbanks, Morse & Co. Intermediate bearing and bearing retainer for rotating shaft positioned in a column. 143,258; Dec. 25.

Akers, Scott P., Washington, D. C. Combination desk unit. 143,109; Dec. 11.

Albanese, Michael, and A. Paul, Rutherford, assignors to Columbia Protektosite Co., Inc., Carlstadt, N. J. Spectacle frame. 141,462; June 5.

Albright, Neil T., Van Nuys, Calif. Toy dog. 140,153; Jan. 30.

Aldridge, Albert E., Elkins Park, assignor to Sun Oil Company, Philadelphia, Pa. Combined dispensing and article display cabinet. 141,190; May 15.

Aldridge, Albert E., Elkins Park, assignor to Sun Oil Company, Philadelphia, Pa. Combined dispensing and article display cabinet. 141,191; May 15.

Aldridge, Albert E., Elkins Park, assignor to Sun Oil Company, Philadelphia, Pa. Combined dispensing and article display cabinet. 141,192; May 15.

Aldridge, Albert E., Elkins Park, assignor to Sun Oil Company, Philadelphia, Pa. Combined dispensing and article display cabinet. 143,259; Dec. 25.

Alexander, Donald B., Chicago, and S. E. Toussaint, Glen Ellyn, Ill. Game counter receptacle. 141,136; May 8.

Alexander, Milton W., Albany, and J. W. Mayer, Troy, assignors, by mesne assignments, to C. W. Fuller, Yonkers, N. Y. Toothbrush. 141,350; May 29.

Allen, Howard D., Los Angeles, Calif. Toy wheelbarrow. 140,621; Mar. 20.

Allen, Howard D., Los Angeles, Calif. Toy cradle. 141,436; June 5.

Allen, Howard D., Los Angeles, Calif. Toy wheelbarrow. 142,762; Nov. 6.

Allen, Howard D., Los Angeles, Calif. Toy wheelbarrow. 142,763; Nov. 6.

Allen, Howard D., Los Angeles, Calif. Toy wheelbarrow. 142,764; Nov. 6.

Allen, Howard D., Los Angeles, Calif. Toy wheelbarrow. 142,765; Nov. 6.

Allen, James R., Forest Hills, assignor to Simmonds Aerocessories Incorporated, New York, N. Y. Lock nut. 140,317; Feb. 13.

Allen, Paul E., Skokie, Ill. Rattle handle. 139,958; Jan. 9.

Allen, Paul E., Skokie, Ill. Rattle handle. 139,959; Jan. 9.

Allen, Paul E., Skokie, Ill. Rattle. 139,960; Jan. 9.

Allen, Paul E., Skokie, Ill. Rattle. 139,961; Jan. 9.

Allen, Paul E., Skokie, Ill. Rattle handle. 140,988; Apr. 24.

Allen, Raney R., Dayton, Ohio. Fishing reel. 142,686; Oct. 30.

Allen, Robert L., Battle Creek, Mich. Cab body or the like. 140,373; Feb. 20.

Allen, Thornton V.: *See*—
Price, Darrel D., assignor.

Allied Plastics Company: *See*—
Crane, Walton B., assignor.

Allied Wood Products Company: *See*—
Stone, Jackson H., assignor.

Almroth, Thomas K., Toledo, Ohio. Container for poker chips. 142,609; Oct. 23.

Altman, Peter, Detroit, assignor to Continental Motors Corporation, Muskegon, Mich. Portable engine power unit housing. 143,260; Dec. 25.

Aluminum Company of America: *See*—
Harper, Henry L., assignor.

Aluminum Cooking Utensil Company, The: *See*—
Keller, Nicholas W., assignor.

Alveson, Magnus C., Duluth, Minn. Slider body for slide fasteners. 140,683; Mar. 27.

Alvin Corporation, The: *See*—
Price, James R., assignor.

Amatoy Corporation: *See*—
Gilchrist, John E., assignor.
Russell, Charles E., assignor.

American Airline, Inc.: *See*—
Botsford, A. C., and Chasse, assignors.

American Cabinet Hardware Corporation: *See*—
Borchers, Earl M., assignor.

American Fabrics Company, The: *See*—
Maibach, John J., assignor.

American Floor Surfacing Machine Company, The: *See*—
Vavrik, Louis, assignor.

American Floor Surfacing Machine, The: *See*—
Vavrik, Louis, assignor.

American Gas Machine Company: *See*—
Stempel, E. H., and Rasmussen, assignors.

American Hoist & Derrick Co.: *See*—
Knutson, Harry, assignor.

American Lead Pencil Company: *See*—
Juelss, David, assignor.

American Optical Company: *See*—
Eaton, William C., assignor.
Geis, L., and Metzler, assignors.
Joyce, William J., assignor.
Splaine, Edward M., assignor.

American Pad & Textile Company, The: *See*—
Young, Clarence, assignor.

American Setting Company: *See*—
Schless, Maurice J., assignor.

American Type Founders, Inc.: *See*—
Hacker, Fred A., assignor.

American Viscose Corporation: *See*—
Westerman, Albert L., assignor.

Ames Baldwin Wyoming Co.: *See*—
Harte, Richard, assignor.

Ames Company, Inc.: *See*—
Christner, H. F., Lobley, and Miles, assignors.

Amp Corporation: *See*—
Thompson, Parke H., assignor.

Analyte Instruments, Inc.: *See*—
Reinshield, Frederic C., assignor.

Andersmith Company: *See*—
Bruneau, A. J., and Goldsmith, assignors.

Anderson, Carl A., Cranston, assignor to Anderson Tool & Die Works, Providence, R. I. Collar holder. 141,430; May 29.

Anderson, Dee R., Western Springs, Ill. Clothes hanger. 142,462; Oct. 2.

Anderson, Doris A. and W. T., Ellensburg, Wash. Chair. 140,206; Jan. 30.

Anderson, Ernest H., Jamestown, N. Y. Clothesline fastener. 140,381; Feb. 20.

Anderson, Gordon R., Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Dynamoelectric machine. 141,137; May 8.

Anderson, Gudrun O., Eugene, Oreg. Doll. 142,509; Oct. 9.

Anderson, Gustave A., Chicago, Ill. Milking machine claw. 142,510; Oct. 9.

Anderson, Gustave A., Chicago, Ill. Milking machine claw. 142,766; Nov. 6.

Anderson, Harold R., Chelmsford, Mass. Ski sock 141,773; July 3.

Anderson, Harry E., Belmont, Mass. Amusement device 140,006; Jan. 16.

Anderson, Lorene E., Redfield, S. Dak. Ear ornament or similar article. 140,899; Apr. 17.

Anderson, Norman, Duluth, Minn. Router. 141,729; July 3.

Anderson-Stoltz Pharmaceuticals, Inc.: *See*—
Anderson, Walter E., assignor.

Anderson Tool & Die Works: *See*—
Anderson, Carl A., assignor.

Anderson, Walter E., assignor to Anderson-Stoltz Pharmaceuticals, Inc., Kansas City, Mo. Deodorizer. 142,009; Aug. 14.

Anderson, Wilbur T.: *See*—
Anderson, Doris A. and W. T.

Andres, Lloyd J., Chicago, Ill. Record player. 140,989; Apr. 24.

Andresen, Raymond H., assignor to Peerless Tool and Engineering Co., Chicago, Ill. Circular saw or similar article. 142,809; Nov. 13.

Andresen, Raymond H., Chicago, Ill., assignor to Peerless Tool & Engineering Co. Band saw or similar article. 142,810; Nov. 13.

Andresen, Raymond H., assignor to Peerless Tool & Engineering Co., Chicago, Ill. Jointer or similar article. 142,811; Nov. 13.

Andresen, Raymond H., assignor to Peerless Tool & Engineering Co., Chicago, Ill. Wood turning lathe or similar article. 142,812; Nov. 13.

Andrews, Alton M., Modesto, Calif. Clothespin. 142,813; Nov. 13.

Anemostat Corporation of America: *See*—
Wallen, G. R., and Trausneck, assignors.

Annesley, Griffith, New York, N. Y. Propeller hub. 142,610; Oct. 23.

Ansell, Frank E., Brooklyn, N. Y. Bottle. 140,791; Apr. 10.

Anthony, Alfred A., assignor to Louis Aisenstein & Bros., New York, N. Y. Watch-box. 141,234; May 15.

Anthony, Ralph M., Detroit, Mich. Toy fortress. 142,250; Aug. 21.

Antritter, Max, Leicester, assignor to Haskins Manufacturing Company, Rochdale, Mass. Hair ornament. 142,787; Nov. 6.

Apex Electrical Manufacturing Co., The: *See*—
Chapman, David, assignor.

Appel, Robert, New York, N. Y. Plaque unit for articulated fabric or similar article. 141,823; July 10.

Arbib, Richard H., Jamaica, assignor to Republic Aviation Corporation, Farmingdale, N. Y. Aeronautical bomb. 142,293; Aug. 28.

Archea, Walter D., and N. H. Doane, assignors to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Machine tool unit. 142,814; Nov. 13.

Archer, Harvey G., Jr., Boonton, N. J. Spatter proof browning lid. 142,977; Nov. 27.

Arco Metalcraft, Inc.: *See*—
Marder, Leo, assignor.

Ardmore, Anne, North Hollywood, Calif. Dog blanket. 142,815; Nov. 13.

Arehart, Earl C., Arnolds Park, Iowa. Game board. 140,075; Jan. 23.

Arenberg, Albert L., Highland Park, assignor to Patent License Corporation, Chicago, Ill. Light transmitting member for a lighting fixture. 141,895; July 31.

Ariesan, Nicholas R.: *See*—
Gilsch, I. M., McEachron, and Ariesan.

Armenta, Alfred A., assignor to Electrical Development Company, Los Angeles, Calif. Pipe wrench or the like. 140,627; Mar. 20.

Armour Research Foundation: *See*—
Camras, Marvin, assignor.

Arpels, Julien, New York, N. Y. Brooch or similar article. 140,725; Apr. 3.

Arpels, Julien, New York, N. Y. Clip or similar article. 142,010; Aug. 14.

Art Metal Company, The: *See*—
Glatthar, G. E., and Terr, assignors.

Art Metal Construction Company: *See*—
Jones, James R., assignor.

Ashaway Line & Twine Mfg. Co.: *See*—
Crandall, Julian T., assignor.

Ashenfelter, William, Swanton, Ohio. Concrete fence panel. 143,110; Dec. 11.

Ashenfelter, William, Swanton, Ohio. Concrete fence panel. 143,111; Dec. 11.

Ashenfelter, William, Swanton, Ohio. Concrete fence panel. 143,112; Dec. 11.

Aske, Charles B., Jr., assignor to Lyon, Incorporated, Detroit, Mich. Wheel trim or similar article. 140,200; Jan. 30.

Aske, Charles B., Jr., assignor to Lyon, Incorporated, Detroit, Mich. Wheel trim or similar article. 140,201; Jan. 30.

Aske, Charles B., Jr., assignor to Lyon, Incorporated, Detroit, Mich. Wheel trim or similar article. 140,202; Jan. 30.

Associated Distributors, Inc.: *See*—
McPharlin, Paul, assignor.
Teague, James, Jr., assignor.

Asteroff, Leah, New York, N. Y. Dress. 141,853; July 10.

Asteroff, Leah, New York, N. Y. Jacket. 141,854; July 10.

Atherton, Maude M., Orange, Tex. Sewing rack. 141,515; June 5.

Athletic Shoe Company: *See*—
Scheps, Jacque A., assignor.

Atkinson, Elmer E., Mesquite, Tex. Wheeled toy. 142,208; Aug. 21.

Atlantic Footwear & Pattern Co.: *See*—
Sandler, Jacob, assignor.

Auerswald, Ralph R., San Diego, Calif. Butter substitute mixing device. 142,011; Aug. 14.

Ausdenmoore, L. S.: *See*—
Parker, Thomas J., assignor.

Austin, Lyle L.: *See*—
Aaronson, H. S., and Austin

Autoflight Corporation: *See*—
Giannini, Gabriel M., assignor.

Automatic Electric Laboratories, Inc.: *See*—
McKenna, Edward F., assignor.
Riebe, Theodore C., assignor.
Woodruff, Albert E., assignor.

Autopoint Company: *See*—
Bauer, H. A., Woods, and Beckstrom, assignors.
Beckstrom, Garfield L.
Beckstrom, Garfield L., assignor.

Aviation Corporation, The: *See*—
Coleman, John D., assignor.
Wise, William F., assignor.
Wise, W. F., and Fannon, assignors.

Ayres, Francis Lawrence, assignor to Stewart-Warner Corporation, Chicago, Ill. Oil bar. 142,687; Oct. 30.

Azzaro, Josephine, New Haven, Conn. Wedding dress ensemble. 139,994; Jan. 9.

Baca, Jerry, Cleveland, Ohio. Spinning toy. 140,306; Feb. 13.

Bachmann Brothers, Inc.: *See*—
McNeill, A. G., and Olsen, assignors.

Bachmann, Robert A., New York, N. Y. Combined hearing aid support and spectacles. 142,542; Oct. 16.

Bachner, George, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 141,435; June 5.

Badger Manufacturing & Sales Company: *See*—
Breckheimer, Raymond J., assignor.

Badgley, Laurie C., assignor to H. Goldberg, Chicago, Ill. Motor and pump assembly. 140,758; Apr. 10.

Baff, Abraham, North Arlington, N. J. Fountain pen or similar article. 139,903; Jan. 2.

Baff, Abraham, North Arlington, N. J. Fountain pen or similar article. 139,904; Jan. 2.

Baff, Abraham, North Arlington, N. J. Fountain pen or similar article. 139,905; Jan. 2.

Baham, William P., Baton Rouge, La. Book holder. 142,611; Oct. 23.

Bailey, Harry J., assignor of one-half to C. C. Cirese, Chicago, Ill. Tire tool. 142,931; Nov. 20.

Baker, Agnes S.: *See*—
Baker, Leo F., assignor.

Baker, Abraham M., Providence, R. I. Ball tossing toy. 142,367; Sept. 11.

Baker, Alice S., Lennox, Calif. Reversible apron. 140,330; Feb. 13.

Baker, Ernest H., et al.: *See*—
Durante, J., and Baker.

Baker, Eugene L., Taunton, Mass. Combined finger grate and burner bowl. 140,792; Apr. 10.

Baker, Leo F., assignor of one-half to A. S. Baker, Chicago, Ill. Knife. 140,469; Feb. 27.

Baker, Lonnie G., Loraine, assignor of fifty per cent to R. Bridgewater, Sweetwater, Tex. Toy. 142,932; Nov. 20.

Baker-Raulang Company, The: *See*—
Walker, George W., assignor.

Baker, William A., Hattiesburg, Miss. Service record plaque or similar article. 142,012; Aug. 14.

Balcrank, Inc.: *See*—
Sundberg, Carl W., assignor.

Baldine, Joseph J., Hubbard, Ohio. Single place tank. 140,459; Feb. 27.

Baldwin, Curtis C., Ottawa, Kans., assignor to C. Earl Hovey, Kansas City, Mo., trustee. Tractor carried crane. 142,134; Aug. 14.

Baldwin, William E., Des Moines, Iowa. Fish lure. 142,160; Aug. 14.

Balfour, L. G., Company: *See*—
Kift, Earl, assignor.

Ball, Oscar, New York, N. Y. Doll. 142,013; Aug. 14.

Ball, Oscar, New York, N. Y. Doll. 142,014; Aug. 14.

Balmer, Victor, Detroit, Mich. Clothespin. 140,634; Mar. 20.

Balsiger, Harold E.: *See*—
Price, D. F., Balsiger, and Hollengreen.

Bannister, Carlton J., Merion, assignor to Bunting Glider Company, Philadelphia, Pa. Chair. 141,647; June 19.

Bannister, Carlton J., Merion, assignor to Bunting Glider Company, Philadelphia, Pa. Chair. 141,648; June 19.

Bannister, Carlton J., Overbrook Hills, assignor to Bunting Glider Company, Philadelphia, Pa. Chair. 141,671; June 26.

Baratelli, Charles A., assignor to Polaroid Corporation, Cambridge, Mass. Eyeshield or similar article. 141,193; May 15.

Baratelli, Charles A., assignor to Polaroid Corporation, Cambridge, Mass. Eyeshield or similar article. 141,194; May 15.

Baratelli, Charles A., assignor to Polaroid Corporation, Cambridge, Mass. Eyeshield or similar article. 141,195; May 15.

Baratelli, Charles A., assignor to Polaroid Corporation, Cambridge, Mass. Eyeshield or similar article. 141,196; May 15.

Baratelli, Charles A., assignor to Polaroid Corporation, Cambridge, Mass. Eyeshield or similar article. 141,197; May 15.

Baratelli, Charles A., assignor to Polaroid Corporation, Cambridge, Mass. Eyeshield or similar article. 141,198; May 15.

Baratelli, Charles A., Cambridge, C. W. Cochran, Belmont, and F. W. Maurer, Newton Highlands, assignors to Polaroid Corporation, Cambridge, Mass. Goggles. 140,805; Apr. 10.

Barber, Lonnie, assignor of one-half to I. B. Pritchett, Danville, Va. Pin or similar article. 141,584; June 12.

Barberry Fashions, Inc.: *See*—
Inverne, Harry, assignor.

Barbieri, Nicholas, Providence, R. I., assignor to Uncas Manufacturing Company. Brooch or similar article. 140,007; Jan. 16.

Barbieri, Nicholas, Providence, R. I., assignor to Uncas Manufacturing Company. Brooch or similar article. 140,008; Jan. 16.

Barbieri, Nicholas, Providence, R. I., assignor to Uncas Manufacturing Company. Brooch or similar article. 140,009; Jan. 16.

Barbieri, Nicholas, Providence, R. I., assignor to Uncas Manufacturing Company. Brooch or similar article. 140,010; Jan. 16.

Barbieri, Nicholas, Providence, R. I., assignor to Uncas Manufacturing Company. Brooch or similar article. 140,888; Apr. 17.

Barbieri, Nicholas, Providence, R. I., assignor to Uncas Manufacturing Company. Brooch or similar article. 140,889; Apr. 17.

Barbieri, Nicholas, Providence, R. I., assignor to Uncas Manufacturing Company. Brooch or similar article. 140,890; Apr. 17.

Barbieri, Nicholas, Providence, R. I., assignor to Uncas Manufacturing Company. Brooch or similar article. 140,891; Apr. 17.

Barbieri, Nicholas, Providence, R. I., assignor to Uncas Manufacturing Company. Brooch or similar article. 142,816; Nov. 13.

Barbieri, Nicholas, Providence, R. I., assignor to Uncas Manufacturing Company. Brooch or similar article. 142,817; Nov. 13.

Barbieri, Nicholas, Providence, R. I., assignor to Uncas Manufacturing Company. Brooch or similar article. 142,818; Nov. 13.

Barbieri, Nicholas, Providence, R. I., assignor to Uncas Manufacturing Company. Brooch or similar article. 142,819; Nov. 13.

Barbieri, Nicholas, Providence, R. I., assignor to Uncas Manufacturing Company. Brooch or similar article. 142,820; Nov. 13.

Barbieri, Nicholas, Providence, R. I., assignor to Uncas Manufacturing Company. Brooch or similar article. 142,821; Nov. 13.

Barbieri, Nicholas, Providence, R. I., assignor to Uncas Manufacturing Company. Brooch or similar article. 142,822; Nov. 13.

Barbieri, Nicholas, Providence, R. I., assignor to Uncas Manufacturing Company. Brooch or similar article. 142,823; Nov. 13.

Barbieri, Nicholas, Providence, R. I., assignor to Uncas Manufacturing Company. Brooch or similar article. 142,824; Nov. 13.

Barbieri, Nicholas, Providence, R. I., assignor to Uncas Manufacturing Company. Brooch or similar article. 142,825; Nov. 13.

Barbieri, Nicholas, Providence, R. I., assignor to Uncas Manufacturing Company. Brooch or similar article. 142,826; Nov. 13.

Barkalow, Clare E.: *See*—
Haskins, R., Jr., and Barkalow.

Barker, Raymond L., Chicago, Ill. Hair dressing appliance. 142,933; Nov. 20.

Barnes, James F., trustee: *See*—
Reinecke, Jean O., assignor.

Barnes Manufacturing Co.: *See*—
Blank, Cecil G., assignor.
Little, John M., assignor.

Barofsky, Jack, Los Angeles, Calif. Home laundry washing machine. 141,672; June 26.

Barok, George D., Columbus, Ohio. Weighing scale. 142,055; Aug. 14.

Barrett, Albert, Elmhurst, N. Y., assignor to Reynolds Metals Company, Richmond, Va. Picture frame. 142,056; Aug. 14.

Barrett, Alfred L., Staten Island, N. Y. Game board. 141,870; July 31.

Barrett, Alfred L., Staten Island, N. Y. Game board. 141,872; July 31.

Barrett, Alfred L., Staten Island, N. Y. Game board. 143,261; Dec. 25.

Barrett, Altina: *See*—
Barrett, Eric A.
Barrett, Eric and A.

Barrett, Altina and E., Beverly Hills, Calif. Spectacle frame. 142,463; Oct. 2.

Barrett, Altina and E., Hollywood, Calif. Spectacle frame. 142,827; Nov. 13

Barrett, Altina and E., Hollywood, Calif. Spectacle frame. 142,934; Nov. 20.

Barrett, Altina and E., Hollywood, Calif. Spectacle frame. 142,935; Nov. 20.

Barrett, Benjamin P., Salem, Ohio. Target game device. 141,952; Aug. 7.

Barrett, C. E., & Co.: *See*—
Feig, Edward C., assignor.

Barrett, Eric: *See*—
Barrett, Altina and E.

Barrett, Eric and A., Beverly Hills, Calif. Spectacle frame. 142,464; Oct. 2.

Barrett, Eric and A., Beverly Hills, Calif. Spectacle temple piece. 143,113; Dec. 11.

Bartel, Arthur, U. S. Army, Comfort, Tex. Store service truck. 140,635; Mar. 20.

Bartlett, James W., Schenectady, N. Y. Key for tuning stringed instruments. 140,558; Mar. 13.

Barton, George G., assignor to Hartmann Trunk Company, Racine, Wis. Hand luggage case. 143,179; Dec. 18.

Baseacu, Arthur, Brooklyn, N. Y. Combined lipstick case and shade indicator. 141,199; May 15.

Bashore, Homer H., Manheim, Pa. Dispenser for salt and pepper or similar article. 140,092; Jan. 23.

Bastian-Blessing Company, The: *See*—
Connell, William S., assignor.

Bastien, Ralph G., Minneapolis, Minn. Combination knife. 142,978; Nov. 27.

Bates, C. J., & Son: *See*—
Fowler, Gizella, assignor.

Bates, Edith E.: *See*—
Tiemeyer, M. E., and Bates.

Batlin, Herman, New York, N. Y. Music cabinet. 142,768; Nov. 6.

Batt, Joseph S., University City, Mo. Advertising sign board. 143,180; Dec. 18.

Batten, Alta R. and J. R., Cleveland, Ohio. Support for toilet accessories or the like. 140,628; Mar. 20.

Batten, James R.: *See*—
Batten, Alta R. and J. R.

Bau, Robert G., North Hollywood, Calif. Dispenser for cosmetic creams. 140,111; Jan. 23.

Bauer, Hans A., F. D. Woods, and G. L. Beckstrom, assignors to Autopoint Company, Chicago, Ill. Mechanical pencil or similar article. 140,307; Feb. 13.

Bauer, Louise E., Zanesville, Ohio, assignor to Butler Brothers, Chicago, Ill. Flower holder or the like. 141,200; May 15.

Bauer, Louise E., Zanesville, Ohio, assignor to Butler Brothers, Chicago, Ill. Creamer. 141,201; May 15.

Bauer, Louise E., Zanesville, Ohio, assignor to Butler Brothers, Chicago, Ill. Salt shaker or the like. 141,455; June 5.

Bauers, Alexander L., Chicago, Ill. Poster panel. 140,705; Apr. 3.

Baumgardner, Earl J., Marion, Iowa, assignor to H. A. Douglas Mfg. Co., Bronson, Mich. Contact carrier for an electric switch. 141,099; May 8.

Baumgardner, Earl J., Marion, Iowa, assignor to H. A. Douglas Mfg. Co., Bronson, Mich. Switch back for an electric switch. 141,100; May 8.

Baumgardner, Earl J., Marion, Iowa, assignor to H. A. Douglas Mfg. Co., Bronson, Mich. Back for an electric switch. 141,101; May 8.

Baur, John W., assignor to Binks Manufacturing Company, Chicago, Ill. Foundry spray gun or the like. 140,836; Apr. 10.

Baur, John W., assignor to Binks Manufacturing Company, Chicago, Ill. Blow gun or the like. 140,837; Apr. 10.

Baur, John W., assignor to Binks Manufacturing Company, Chicago, Ill. Multiple spray gun. 140,973; Apr. 24.

Baur, John W., assignor to Binks Manufacturing Company, Chicago, Ill. Dusting gun or the like. 141,730; July 3.

Bausch & Lomb Optical Company: *See*—
Bouchard, Samuel E., assignor.

Bausenbach, Arthur E., Buffalo, N. Y. Airplane hangar. 142,828; Nov. 13.

Baustian, Raymond C., Davenport, Iowa. Hydroplane or similar article. 141,506; June 5.

Baxter, Ernest W., Bradford, Pa., assignor to Dresser Industries, Inc. Pipe coupling. 142,057; Aug. 14.

Bay State Optical Company: *See*—
Nerney, George E., assignor.

Beacon Products Corporation: *See*—
Sholkin, Joseph L., assignor.

Beaver, Earnest, Wichita, Kans. Coverall uniform. 141,263; May 15.

Beaver, Clayton J., Long Beach, Calif. Newspaper boy statuette. 139,942; Jan. 9.

Beaver Pipe Tools, Inc.: *See*—
Phillis, William A., assignor.

Bechtell, Albert A., St. Louis, Mo. Viewer. 142,543; Oct. 16.

Beck, Simon, New York, N. Y. Jacket. 140,066; Jan. 16.

Beck, Simon, New York, N. Y. Coat. 140,112; Jan. 23.

Beckemeyer, Edgar G., Columbus, Ohio. Nursing bottle holder. 141,913; July 31.

Beckhoff, Ben, assignor to Adam Hat Stores, Inc., New York, N. Y. Hat banding or the like. 142,369; Sept. 25.

Beckstrom, Garfield L.: *See*—
Bauer, H. A., Woods, and Beckstrom.

Beckstrom, Garfield L., assignor to Autopoint Company, Chicago, Ill. Memorandum desk pad unit or similar article. 140,308; Feb. 13.

Beckstrom, Garfield L., assignor to Autopoint Company, Chicago, Ill. Memorandum desk pad unit or similar article. 140,309; Feb. 13.

Beckstrom, Garfield L., assignor to Autopoint Company, Chicago, Ill. Memorandum desk pad unit or similar article. 140,310; Feb. 13.

Beckstrom, Garfield L., assignor to Autopoint Company, Chicago, Ill. Ash tray or similar article. 140,331; Feb. 13.

Beckstrom, Garfield L., assignor to Autopoint Company, Chicago, Ill. Ash tray or similar article; 140,332; Feb. 13.

Beckstrom, Garfield L., assignor to Autopoint Company, Chicago, Ill. Humidity and temperature thermometer case or similar article. 140,374; Feb. 20.

Beckwith Manufacturing Company: *See*—
Lehmberg, William H., assignor.

Becwar, Ann, Berwyn, Ill. Cigarette holder. 142,178; Aug. 14.

Beebe, Edwin D., assignor to Ritter Company, Inc., Rochester, N. Y. Combined dental laboratory bench and cabinet. 142,688; Oct. 30.

Beebe, Edwin D., assignor to Ritter Company, Inc., Rochester, N. Y. Combined dental laboratory bench and cabinet. 142,689; Oct. 30.

Bee-Jay Products Company: *See*—
Jansky, Charles G., assignor.

Beekley, Francis C., West Hartford, Conn. Micrometer caliper. 143,114; Dec. 11.

Behl, Martin E., New York, N. Y. Pot handle. 140,046; Jan. 16.

Behr, Siegfried, Flushing, N. Y. Hat. 142,829; Nov. 13.

Behr, Siegfried, Flushing, N. Y. Hair ornament. 143,262; Dec. 25.

Behrman, Harry P., Kew Gardens, N. Y. Coin holder. 140,900; Apr. 17.

Behrman, Harry P., Kew Gardens, N. Y. Coin purse. 141,156; May 8.

Belknap, Eugene M.: *See*—
Munts, Erwin W., Moor, and Belknap.

Belknap, Eugene M., et al.: *See*—
Coble, Earl W., assignor.
Muntz, Erwin W., assignor.

Belknap, Eugene M., Toledo, Ohio. Toy. 141,018; Apr. 24.

Belknap, Eugene M., Toledo, Ohio. Wheeled toy. 141,019; Apr. 24.

Bell Aircraft Corporation: *See*—
Poyer, Harland M., assignor.

Bell, Beulah B., Wilmington, N. C. Plaque or similar article. 143,115; Dec. 11.

Bellknap, Eugene M., et al.: *See*—
Wallner, George M., assignor.

Bellsey, David, New York, N. Y. Coat. 142,936; Nov. 20.

Bellsey, David, New York, N. Y. Coat. 142,937; Nov. 20.

Bellsey, David, New York, N. Y. Coat. 142,938; Nov. 20.

Bellstaedt, Gustav, Bronx, N. Y. Broom holder. 140,238; Feb. 6.

Bellstaedt, Gustav, Bronx, N. Y. Dust mop cleaner or the like. 141,087; May 8.

Belmont Radio Corporation: *See*—
Grube, Clifford E., assignor.
Wronke, Louis J., assignor.

Beltx Corporation: *See*—
De Woskin, Irvin S., assignor.

Beltz, Carl D., Latrobe, Pa. Candle holder. 142,979; Nov. 27.

Belz, Sam, Memphis, Tenn. Chair. 141,774; July 3.

Benbow, Hugh S., Long Beach, Calif. Bracelet. 142,939; Nov. 20.

Benbow, Hugh S., Long Beach, Calif. Bracelet. 142,940; Nov. 20.

Benbow, Hugh S., Long Beach, Calif. Bracelet. 142,941; Nov. 20.

Bendix Aviation Corporation: *See*—
Gagnski, Edward O., assignor.
Gilbert, Henry, assignor.
Miles, John R., assignor.
Murphy, Norman B., assignor.

Benjamin, Samuel P., Jr., West Haven, Conn., assignor to Weldon, Inc., New York, N. Y. Combination shaving soap jar and ash tray. 140,105; Jan. 23.

Benner, Laura, New York, N. Y. Spectacle case. 141,463; June 5.

Benner, Laura, New York, N. Y. Spectacle case. 141,464; June 5.

Benner, Laura, New York, N. Y. Spectacle case. 141,465; June 5.

Bennett, Robert N.: *See*—
Miller, G. E., and Bennett.

Benoit, Leon, assignor to Egg-Safety Carton Corporation, New York, N. Y. Carton for edibles. 141,793; July 3.

Benoit, Leon, assignor to Egg-Safety Carton Corporation, New York, N. Y. Carton for edibles. 141,794; July 3.

Benson, Ernest H., Kansas City, Mo. Fluid storage tank. 141,914; July 31.

Benson, John H., assignor to Mullins Manufacturing Corporation, Salem, Ohio. Refrigerator cabinet. 140,047; Jan. 16.

Benson, John H., assignor to Mullins Manufacturing Corporation, Salem, Ohio. Cooking stove cabinet. 140,048; Jan. 16.

Benson, John H., assignor to Mullins Manufacturing Corporation, Salem, Ohio. Cabinet type refrigerator and kitchen unit. 140,901; Apr. 17.

Benton Glass Company: *See*—
Colef, Sara, assignor.

Berendsen, Norbert H., Chicago, Ill. Toy building block. 141,627; June 19.

Berens, Robert S., New York, N. Y. Coin receptacle. 142,015; Aug. 14.

Berg, Samuel A., New York, N. Y. Ring. 142,544; Oct. 16.

Berg, Willie, Chicago, Ill. Collapsible music stand. 141,989; Aug. 7.

Berger, Arthur M., New York, N. Y. Uniform. 142,331; Aug. 28.

Berger, Max, St. Louis, Mo. Finger ring. 141,628; June 19.

Bergman, Daniel T., San Francisco, Calif. Saucepan. 143,263; Dec. 25.

Bergman, Jack: *See*—
Hyman, Charles H., assignor.
Wurster, David, assignor.

Berkowitz, Victor, Lawrence, assignor to Goldsmith Brothers Manufacturing Co., Inc., New York, N. Y. Articulated fabric or the like. 140,593; Mar. 20.

Berlin, Gustav: *See*—
Penta, B. H., and Berlin.

Berman, Philip, New York, N. Y. Liquid eductor. 140,706; Apr. 3.

Bernardin Bottle Cap Co., Inc.: *See*—
Wargel, C. F., and Brown, assignors.

Bernath, Egon, New York, N. Y. Jacket or similar article. 141,157; May 8.

Bernath, Egon, New York, N. Y. Raincoat or similar article. 141,158; May 8.

Berne, Harriet H., Cincinnati, Ohio. Mug. 142,465; Oct. 2.

Bernhardt, Rudolph, Chicago, Ill. Server top or similar article. 141,351; May 29.

Bertrand, Eleanor H., New York, N. Y. Lady's handbag. 140,228; Feb. 6.

Berry, Albert G., Jr., Beverly Hills, Calif. Combined shoe tree and shoe horn. 140,806; Apr. 10.

Bertram, Frederick A.: *See*—
De Belling, Paul A., assignor.

Bery, Brij O. T., London, England. Nipple for nursing bottles. 142,980; Nov. 27.

Bettercraft Company: *See*—
Huber, Earl B., assignor.

Beveridge, James M., Bronxville, N. Y. Compact. 142,315; Aug. 28.

Beveridge, James M., Bronxville, N. Y., and C. J. Cowan, East Orange, N. J., assignors to Malcolm A. Vendig Co. Inc., New York, N. Y. Cigarette case. 140,106; Jan. 23.

Beveridge, James M., Bronxville, N. Y., and C. J. Cowan, East Orange, N. J., assignors to Malcolm A. Vendig Company, Incorporated, New York, N. Y. Cigarette case. 142,511; Oct. 9.

Biasell, La Verne R., assignor to General Motors Corporation, Detroit, Mich. Airplane. 140,113; Jan. 23.

Bieberbach, Frederick, assignor to Nordic Silver Co., Inc., New York, N. Y. Brooch pin or similar article. 142,690; Oct. 30.

Bieberbach, Frederick, assignor to Nordic Silver Co., Inc., New York, N. Y. Brooch pin or similar article. 143,116; Dec. 11.

Bieberbach, Frederick, assignor to Nordic Silver Co., Inc., New York, N. Y. Brooch pin or similar article. 143,117; Dec. 11.

Bieger, Clare P., Chagrin Falls, Ohio. Shoe shining rack. 142,370; Sept. 25.

Biel, Edward J., Brookline, Mass. Shoulder bag or similar article. 140,470; Feb. 27.

Biever, J. Donald: *See*—
Wood, Robert W., assignor.

Biever, William H., Philadelphia, Pa. Toy. 140,990; Apr. 24.

Bilek, Frank J., assignor to The Globe Company, Chicago, Ill. Meat packing table unit. 141,549; June 12.

Bilek, Frank J., assignor to The Globe Company, Chicago, Ill. Hand truck. 141,673; June 26.

Bilek, Frank J., assignor to The Globe Company, Chicago, Ill. Washer for meat products or the like. 141,915; July 31.

Biller, David J., assignor to Day-Brite Lighting, Inc., St. Louis, Mo. End cap for a fluorescent lighting fixture. 140,387; Feb. 20.

Billingsley, William F., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Tire. 142,691; Oct. 30.

Billington, Charles R., Memphis, Tenn. Game board. 142,830; Nov. 13.

Binks Manufacturing Company: *See*—
Baur, John W., assignor.

Bird, Harold S., Belmont, Mass. Automatic emergency lighting unit or similar article. 142,769; Nov. 6.

Birk, Emil A., Buffalo, N. Y., assignor to Smith and Wesson Inc., Springfield, Mass. Thumbrest for firearms or similar article. 142,016; Aug. 14.

Birsh, Henry, New York, N. Y. Propeller for diameter control. 141,235; May 15.

Birtman Electric Company: *See*—
Karstadt, Clarence, assignor.

Bjorncrantz, Carl G., Evanston, Ill., assignor to Florence Stove Company, Gardner, Mass. Heat control and indicator panel for ranges or the like. 143,118; Dec. 11.

Bjornerantz, Carl G., Evanston, Ill., assignor to Florence Stove Company, Gardner, Mass. Heat control and indicator panel for ranges or the like. 143,119; Dec. 11.
Bjornerantz, Carl G., Evanston, Ill., assignor to Florence Stove Company, Gardner, Mass. Heat control and indicator panel for ranges or the like. 143,120; Dec. 11.
Bjornerantz, Carl G., Evanston, Ill., assignor to Florence Stove Company, Gardner, Mass. Heat control and indicator panel for ranges or the like. 143,121; Dec. 11.
Bjornerantz, Carl G., Evanston, Ill., assignor to Florence Stove Company, Gardner, Mass. Heat control and indicator panel for ranges or the like. 143,122; Dec. 11.
Bjornerantz, Carl G., Evanston, Ill., assignor to Florence Stove Company, Gardner, Mass. Heat control and indicator panel for ranges or the like. 143,123; Dec. 11.
Bjornerantz, Carl G., Evanston, Ill., assignor to Florence Stove Company, Gardner, Mass. Heat control and indicator panel for ranges or the like. 143,124; Dec. 11.
Blackburn, Wellington E., Albuquerque, N. Mex. Pendant. 142,981; Nov. 27.
Blank, Cecil G., Toledo, assignor to Barnes Manufacturing Co., Mansfield, Ohio. Combined faucet and soap dish. 141,718; June 26.
Blecher, Boris, Philadelphia, Pa. Condiment shaker or similar article. 140,333; Feb. 13.
Blecher, Boris, Philadelphia, Pa. Condiment shaker or similar article. 140,334; Feb. 13.
Blecher, Boris, Philadelphia, Pa. Ash tray. 140,460; Feb. 27.
Blecher, Boris, Philadelphia, Pa. Holy water font. 140,471; Feb. 27.
Blecher, Boris, Philadelphia, Pa. Ash tray. 140,923; Apr. 17.
Blecher, Boris, Philadelphia, Pa. Ash tray. 142,692; Oct. 30.
Blecher, Boris, Philadelphia, Pa. Ash tray. 142,693; Oct. 30.
Blecher, Boris, Philadelphia, Pa. Ash tray. 142,694; Oct. 30.
Blecher, Boris, Philadelphia, Pa. Condiment shaker or similar article. 142,695; Oct. 30.
Blecher, Boris, Philadelphia, Pa. Condiment shaker or similar article. 142,696; Oct. 30.
Blecher, Boris, Philadelphia, Pa. Condiment shaker or similar article. 142,697; Oct. 30.
Blecher, Boris, Philadelphia, Pa. Condiment shaker or similar article. 142,698; Oct. 30.
Bletzinger, Fred, Sr., Chicago, Ill. Paper roll holder or similar article. 142,612; Oct. 23.
Bloch, Ivan, Hartsdale, N. Y. Wrist watch. 142,371; Sept. 25.
Block, Rudolph, assignor of one-half to M. A. Ahern, Washington, D. C. Bottle cap remover. 141,352; May 29.
Bloom, Alvin D., Los Angeles, Calif., assignor of one-half to Hollywood Gift and Novelty Co. Inc. Pea shooter. 141,748; July 3.
Bloomfield, Samuel, Wichita, Kans., assignor to C. E. Hovey, Kansas City, Mo., as trustee. Lever type screw driver. 142,982; Nov. 27.
Blum, Arthur, Brooklyn, N. Y. Spectacle frame or similar article. 141,563; June 12.
Blume, Pauline, New York, N. Y. Compact. 141,601; June 19.
Boal, Stewart, Winnetka, Ill. Fire extinguisher. 140,743; Apr. 3.
Bock, Vera, New York, N. Y., assignor to United States Envelope Company, Springfield, Mass. Air-mail envelope. 141,674; June 26.
Bock, Vera, New York, N. Y., assignor to United States Envelope Company, Springfield, Mass. Envelope blank. 141,731; July 3.
Bock, Vera, New York, N. Y., assignor to United States Envelope Company, Springfield, Mass. Envelope blank. 141,732; July 3.
Bodnes, Bertram J., Chisholm, Minn. Grab bucket. 140,504; Mar. 20.
Boe, Carsten F., Wilmington, Del. Atomizer. 143,264; Dec. 25.
Boeing Aircraft Company: *See*— Wells, E. C., Euler, and Collins, assignors.
Boeing Airplane Company: *See*— Weining, Earl O., assignor.
Boening, Rudolf F., Valparaiso, Ind. Bowling game board. 142,770; Nov. 6.
Boettinger, Rudolph, Englewood, N. J. Combination knife sharpener and can opener. 142,466; Oct. 2.
Boettinger, Rudolph, Englewood, N. J. Knife sharpener. 142,467; Oct. 2.
Bogoff, Henry, assignor to Rho-Jan, Chicago, Ill. Compact or similar article. 140,495; Mar. 6.
Bogoff, Henry, assignor to Rho-Jay, Chicago, Ill. Cigarette case or similar article. 141,079; May 1.
Bohmer, Clarence I., Columbus, Ohio. Truck-type concrete mixer. 140,472; Feb. 27.
Bohn Aluminum & Brass Corporation: *See*— Walker, George W., assignor.
Boll, Lawrence C., Minneapolis, Minn. Toy figure. 141,795; July 3.
Bolsey, Jacques, New York, N. Y. Photographic camera or the like. 141,419; May 29.
Bolsey, Jacques, New York, N. Y. Film magazine for a photographic camera or the like. 141,431; May 29.
Bolter, Ward H., New York, N. Y., assignor to Keuffel & Esser Company, Hoboken, N. J. Symbol template. 141,675; June 26.
Bonat, Harry, assignor to Samuel Bonat & Bro., New York, N. Y. Hair curler. 141,039; May 1.
Bonat, Samuel & Bro.: *See*— Bonat, Harry, assignor.
Borchers, Earl M., assignor to American Cabinet Hardware Corporation, Rockford, Ill. Cabinet pull. 140,759; Apr. 10.
Borchers, Earl M., assignor to American Cabinet Hardware Corporation, Rockford, Ill. Cabinet pull. 140,760; Apr. 10.
Borchers, Earl M., assignor to American Cabinet Hardware Corporation, Rockford, Ill. Combined drawer pull and escutcheons. 140,761; Apr. 10.
Borchers, Earl M., assignor to American Cabinet Hardware Corporation, Rockford, Ill. Combined cabinet pull and escutcheon. 140,762; Apr. 10.
Borchers, Earl M., assignor to American Cabinet Hardware Corporation, Rockford, Ill. Hinge. 140,764; Apr. 10.
Borchers, Earl M., assignor to American Cabinet Hardware Corporation, Rockford, Ill. Combined catch operator and escutcheon. 140,765; Apr. 10.
Borchers, Earl M., assignor to American Cabinet Hardware Corporation, Rockford, Ill. Catch operator. 140,766; Apr. 10.
Borchers, Earl M., assignor to American Cabinet Hardware Corporation, Rockford, Ill. Drawer pull. 142,942; Nov. 20.
Borchers, Earl M., assignor to American Cabinet Hardware Corporation, Rockford, Ill. Drawer pull. 142,943; Nov. 20.
Borchers, Earl M., assignor to American Cabinet Hardware Corporation, Rockford, Ill. Door pull. 142,944; Nov. 20.
Borchers, Earl M., assignor to American Cabinet Hardware Corporation, Rockford, Ill. Catch handle. 142,945; Nov. 20.
Borchers, Earl M., and C. C. Unzicker, assignors to American Cabinet Hardware Corporation, Rockford, Ill. Hinge. 140,763; Apr. 10.
Botham, Arthur R., New York, N. Y. Compact. 142,340; Aug. 28.
Botham, Arthur R., New York, N. Y. Compact. 142,341; Aug. 28.
Botsford, Alan C., Brooklyn, and C. J. Chasse, Whitestone, assignors to American Airlines, Inc., New York, N. Y. Portable clothes container. 142,058; Aug. 14.
Botsford, Alan C., Brooklyn, and C. J. Chasse, Whitestone, assignors to American Airlines, Inc., New York, N. Y. Portable clothes rack. 142,059; Aug. 14.
Bouchard, Samuel E., Brighton, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Spectacle frame. 140,807; Apr. 10.
Boundius, John P., New York, N. Y. Baby's tray. 142,366; Sept. 11.
Boutemy, Andre, New York, N. Y. Ear ornament. 141,420; May 29.
Bowerman, Martin, Glendale, Calif. Stocking darning last. 141,916; July 31.
Bowers, Madeline E., Evanston, Ill. Doll. 139,862; Jan. 2.
Bowersox, Marvin W., Wichita, Kans. Bottle carrier. 140,114; Jan. 23.
Bowes, Charles E., and S. C. Sundling, assignors to Bowes Seal Fast Corporation, Indianapolis, Ind. Spark plug. 141,138; May 8.
Bowes Seal Fast Corporation: *See*— Bowes, C. E., and Sundling, assignors.
Boyce, William F., Houston, Tex. Centering head. 141,088; May 8.
Boyle, Farnham F., assignor to W. A. Sheaffer Pen Company, Fort Madison, Iowa. Fountain pen or the like. 142,392; Sept. 25.
Boyse, Robert E., and S. W. Bradford, Saginaw, Mich. Toy. 140,311; Feb. 13.
Bradbury, Clarence M., Brooklyn, N. Y. Identification tag. 139,922; Jan. 2.
Bradbury, Clarence M., Brooklyn, N. Y. Insignia pin or similar article. 142,209; Aug. 21.
Bradford, Stuart W.: *See*— Boyse, R. E., and Bradford.
Bradley, Joy J., Sherman Oaks, Calif. Thimble. 140,525; Mar. 6.
Brainard, George C., Youngstown, Ohio, and R. Loewy, New York, N. Y., assignors to The General Fireproofing Company, Youngstown, Ohio. Desk. 142,613; Oct. 23.
Brainard, George C., Youngstown, Ohio, and R. Loewy, New York, N. Y., assignors to The General Fireproofing Company, Youngstown, Ohio. Desk. 142,699; Oct. 30.
Brainard, George C., Youngstown, Ohio, and R. Loewy, New York, N. Y., assignors to The General Fireproofing Company, Youngstown, Ohio. Desk. 143,265; Dec. 25.
Brainard, George C., Youngstown, Ohio, and R. Loewy, New York, N. Y., assignors to The General Fireproofing Company, Youngstown, Ohio. Desk. 143,266; Dec. 25.
Brand, Arthur, New York, N. Y. Jewelry pin. 141,629; June 19.
Brand, Arthur, New York, N. Y. Jewelry pin. 141,796; July 3.

Brandenburger, Russell E., Shelbyville, Ind., assignor to Michigan Desk Company, Grand Rapids, Mich. Desk. 141,353; May 29.
Brandenburger, Russell E., Shelbyville, Ind., assignor to Michigan Desk Company, Grand Rapids, Mich. Desk. 141,354; May 29.
Brandenburger, Russell E., Shelbyville, Ind., assignor to Michigan Desk Company, Grand Rapids, Mich. Desk. 141,355; May 29.
Brandenburger, Russell E., Shelbyville, Ind., assignor to Michigan Desk Company, Grand Rapids, Mich. Desk. 141,356; May 29.
Branen, Daniel R., assignor to Mark Cross Company, New York, N. Y. Bottle cap. 142,983; Nov. 27.
Brauer, Charles M.: *See*— Matthews, F. T., and Brauer.
Braun, Gustav F., Elizabeth, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Hand microphone. 140,684; Mar. 27.
Braun, Gustav F., Elizabeth, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Microphone stand. 140,685; Mar. 27.
Braun, Walter, Los Angeles, Calif. Shoe or similar article. 141,871; July 31.
Braund, Walter R., Birmingham, assignor to Bra-Wil-Kee, Inc., Detroit, Mich. Toy. 142,161; Aug. 14.
Braunstein, Jules, Los Angeles, Calif. Link chain for a bracelet or similar article. 141,170; May 8.
Bra-Wil-Kee, Inc.: *See*— Braund, Walter R., assignor.
Breckenridge, William K.: *See*— Parkin, J. C., and Bucholtz, assignors.
Breckheimer, Raymond J., assignor to Badger Manufacturing & Sales Company, Milwaukee, Wis. Filter for welding machines. 139,875; Jan. 2.
Breckheimer, Raymond J., assignor to Badger Manufacturing & Sales Company, Milwaukee, Wis. Air filter for a welding generator. 140,636; Mar. 20.
Bremer, Harry E., Milwaukee, Wis. Scraping tool. 142,468; Oct. 2.
Brenner, Peter K., Cliffside Park, N. J. Game apparatus. 142,294; Aug. 28.
Bretter, Ed C., et al.: *See*— Schwartz, Harry H., assignor.
Brewer-Titchener Corporation, The: *See*— Johannsen, Udo K., assignor.
Brickson, Thomas B., Hollywood, Calif. Crutch. 140,188; Jan. 30.
Bridgewater, Roy: *See*— Baker, Lonnie G., assignor.
Brinkema, Robert, Kew Gardens, N. Y. Display stand. 143,125; Dec. 11.
Brintnall, Archibald C., Denver, Colo. Wrench. 141,357; May 29.
Briskin, Theodore S., assignor to Excel Auto Radiator Company, Chicago, Ill. Power tool unit. 142,135; Aug. 14.
Brittingham, Vertner D., West Dearborn, Mich. Playing card distributor. 142,270; Aug. 21.
Brodeur, Jules, New York, N. Y., assignor to Coty, Inc., Wilmington, Del. Cosmetic color selection stand. 143,181; Dec. 18.
Brodigan, Joe, Brooklyn, N. Y. Scarf or similar article. 142,469; Oct. 2.
Bromfield, Meredith C., assignor to Bromfield-Ritter and Company, Denver, Colo. Chalk holder or similar article. 143,126; Dec. 11.
Bromfield-Ritter and Company: *See*— Bromfield, Meredith C., assignor.
Brook, Bird, New York, N. Y., assignor to Aaron Shatkin, Matawan, N. J. Brooch or similar article. 140,637; Mar. 20.
Brooke, Ellen, New York, N. Y., assignor to Mirer and Cooper, Pinafore. 140,035; Jan. 16.
Brooks, Abraham J., Brooklyn, N. Y. Combined mirror and lipstick container. 140,924; Apr. 17.
Brooks, William, Washington, D. C. Game board. 140,496; Mar. 6.
Broslan Jewelry Company, Inc.: *See*— Colp, Blanche, assignor.
Brotman, Hyman D.: *See*— Walker, George W., assignor.
Brown & Bigelow: *See*— Trollen, Martin E., assignor.
Brown, Fulton, Winchester, Mass. Hinge. 142,372, Sept. 25.
Brown, Gordon H., assignor to M. S. Brown, Detroit, Mich. Kettle. 141,749; July 3.
Brown, Herbert W., Chicago, Ill. Hand mirror. 142,017; Aug. 14.
Brown, John W., Los Angeles, Calif. Display frame. 142,984; Nov. 27.
Brown, John W., Los Angeles, Calif. Display frame. 142,985; Nov. 27.
Brown, Marian S.: *See*— Brown, Gordon H., assignor.
Brown, Robert F., Greeneville, Tenn. Hobbyhorse or similar article. 140,154; Jan. 30.
Brown, Theophilus: *See*— Dreyfuss, H., and Brown.
Brown, Theophilus, Moline, Ill., and H. Dreyfuss, New York, N. Y., assignors to Deere & Company, Moline, Ill. Tractor. 142,251; Aug. 21.
Brown, Walter O., Detroit, Mich. Kitchen spoon or similar article. 142,545; Oct. 16.
Brown, Winthrop, Jr.: *See*— Stackhouse, J. H., and Brown. Wargel, C. F., and Brown.
Browne, Donald R.: *See*— Combs, Charles S., assignor.
Browne, Herschel O., and W. J. Klassen, Kansas City, Kans. Combined chopping block and cutlery cabinet. 140,595; Mar. 20.
Brozek, Joseph, Jackson Heights, N. Y. Slide fastener top stop. 141,873; July 31.
Bruland, Raymond V., North Hollywood, Calif., assignor to Lear, Inc., Piqua, Ohio. Automatic actuator for movable parts of an airplane. 140,589; Mar. 13.
Bruneau, Albert J., and M. Goldsmith, assignors to Andersmith Company, Montreal, Quebec, Canada, a partnership. Pocket lighter. 142,986; Nov. 27.
Bruner, Rea M., Chicago, Ill. Advertising sign. 139,863; Jan. 2.
Bruner, Rudy, New York, N. Y. Table. 140,838; Apr. 10.
Brunetti, Joseph, assignor Columbia Protektosite Co., Inc., Carlstadt, N. J. Toy chair. 140,583; Mar. 13.
Brunetti, Joseph, assignor to Columbia Protektosite Co., Inc., Carlstadt, N. J. Comb. 141,040; May 1.
Brunetti, Joseph, assignor to Columbia Protektosite Co., Inc., Carlstadt, N. J. Toy sink. 141,320; May 22.
Brunetti, Joseph, assignor to Columbia Protektosite Co., Inc., Carlstadt, N. J. Toy stove. 141,570; June 12.
Brunetti, Joseph, assignor to Columbia Protektosite Co., Inc., Carlstadt, N. J. Comb. 141,665; June 19.
Brunetti, Joseph, assignor to Columbia Protektosite Co., Inc., Carlstadt, N. J. Comb. 141,666; June 19.
Brunetti, Joseph, assignor to Columbia Protektosite Co., Inc., Carlstadt, N. J. Goggle frame. 141,844; July 10.
Brunner, Elmer F., Silver Lake, assignor to Wingfoot Corporation, Akron, Ohio. Tire. 141,437; June 5.
Bruns, Arthur J., Los Angeles, Calif. Toy. 140,155; Jan. 30.
Bruns, Arthur J., Los Angeles, Calif. Toy. 140,156; Jan. 30.
Brunschwig, Adrien, New York, N. Y. Combined cigarette and ashtray case or the like. 142,271; Aug. 21.
Brunswick-Balke-Collender Company, The: *See*— Podjus, Harry H., assignor.
Bucholtz, Stephen A.: *See*— Parkin, J. C., and Bucholtz.
Buck, William H.: *See*— Musselman, H. E., and Buck.
Buckeye Traction Ditcher Company, The: *See*— Hollmann, H., and Van Voorhris, assignors. Miller, G. E., and Bennett, assignors.
Buckingham, John D., assignor to Lucien Le Long, Inc., Chicago, Ill. Powder box, or similar article. 140,388; Feb. 20.
Buckingham, John D., assignor to Lucien Le Long, Inc., Chicago, Ill. Perfume bottle or similar article. 141,775; July 3.
Budd, Edward G., Manufacturing Company: *See*— Watter, Michael, assignor.
Bufano, Remo: *See*— Caplan, F., and Bufano.
Bugel, Daniel N., Rutherford, assignor to Columbia Protektosite Co., Inc., Carlstadt, N. J. Binocular. 140,437; Feb. 27.
Bugg, Kenly C., Fort Wayne, Ind. Smoker's pipe. 142,280; Aug. 21.
Bulbulian, Arthur H., Rochester, Minn. Aviator's oxygen mask or similar article. 141,602; June 19.
Bundock, Harold L., Santa Rosa, Calif. Game board. 141,733; July 3.
Bunnell, James, Denver, Colo. Toy. 141,855; July 10.
Bunnell, James, Denver, Colo. Child's toy. 141,856; July 10.
Bunting Glider Company: *See*— Bannister, Carlton J., assignor. Edelson, Leon, assignor.
Bunyard, Kenneth L., Flushing, N. Y. Airplane. 140,207; Jan. 30.
Burgess Battery Company: *See*— Schofield, Earl L., assignor.
Burgheimer, Sophie, Chicago, Ill. Massaging device or similar article. 141,358; May 29.
Burleigh, Richard J., Vallejo, Calif. Draftsman's welding symbol template. 142,946; Nov. 20.
Burlin, Leslie H., Valparaiso, Ind. Merchandise display Rack. 141,487; June 5.
Burlin, Leslie H., Valparaiso, Ind., assignor to M. L. Sturn, Evanston, doing business as Milton Sturn & Company, Chicago, Ill. Climbing toy figure. 143,127; Dec. 11.
Burne, Stuart B., Brighton, assignor to Pulver Company, Inc., Rochester, N. Y. Dispensing machine. 140,808; Apr. 10.
Burnette Castings Company: *See*— Burnette, William A., assignor.
Burnette, William A., assignor to Burnette Castings Company, Hartford, Mich. Cooking vessel. 140,497; Mar. 6.
Burtis, Eric, Los Angeles, Calif. Cigarette box or similar receptacle. 143,267; Dec. 25.
Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Decorative wall material unit or the like. 141,532; June 12.

Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Decorative wall material unit or the like. 141,533; June 12.
Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Decorative wall material unit or the like. 141,534; June 12.
Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Decorative wall material unit or the like. 141,535; June 12.
Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Decorative wall material unit or the like. 141,536; June 12.
Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Decorative wall material unit or the like. 141,537; June 12.
Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Decorative wall material unit or the like. 141,538; June 12.
Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Decorative wall material unit or the like. 141,539; June 12.
Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Decorative wall material unit or the like. 141,540; June 12.
Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Decorative wall material unit or the like 141,541; June 12.
Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Decorative wall material unit or the like. 141,542; June 12.
Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Decorative wall material unit or the like. 141,543; June 12.
Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Decorative wall material unit or the like. 141,544; June 12.
Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Decorative wall material unit or the like. 141,866; July 10.
Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Decorative wall material unit or the like. 141,867; July 10.
Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Decorative wall material unit or the like. 141,868; July 10.
Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Decorative wall material unit or the like. 141,869; July 10.
Busby, Clyde W., Dixmont, Pa. Combined hoe and weeder head. 141,945; Aug. 7.
Butler, Arthur N., Oakland, assignor to Speedmaster Limited, Alameda County, Calif. Wheel balancing device. 141,990; Aug. 7.
Butler Brothers: *See*—
Bauer, Louise E., assignor.
Butler, Clifford E., Waterloo, Iowa. Cream separator supply tank. 143,128; Dec. 11.
Butler, Edgar M., New Orleans, La. Electrolytic water correction device. 141,938; July 31.
Butler Manufacturing Company: *See*—
Norquist, V. C., and Larkin, assignors.
Butler, Margot, New York, N. Y. Hood. 140,461; Feb. 27.
Butler, Robert E., La Crosse, Wis. Burial vault. 142,060; Aug. 14.
Buxbaum, Albert O., Los Angeles, Calif. Combined food tray and cup. 142,831; Nov. 13.
Cafarelli, Warren R., Davis, Calif. Wheeled toy. 141,031; May 1.
Cain, Ervin J., Milwaukee, Wis. Combined bottle holder and warmer. 142,947; Nov. 20.
Calabrese, Gio, Brooklyn, N. Y. Combination desk unit. 142,700; Oct. 30.
Caldwell, Lafayette H., Lookout Mountain, Tenn. Circulating heater. 142,061; Aug. 14.
Calem, Bernard, New York, N. Y. Handbag. 140,498; Mar. 6.
Calem, Bernard, New York, N. Y. Handbag. 141,466; June 5.
Calem, Bernard, New York, N. Y. Handbag. 142,832; Nov. 13.
California Aero Glider Co., Inc.: *See*—
Jensen, Volmer S., assignor.
California Fabric Company: *See*—
Schwartz, Harry H.
Calton, Robert G., assignor to Tennessee Enamel Manufacturing Company, Nashville, Tenn. Combination wood and coal heater. 142,833; Nov. 13.
Cameron, Margaret M., New York, N. Y. Child's bib. 143,268; Dec. 25.
Campbell, James T., Detroit, Mich. Plate whirler. 143,129; Dec. 11.
Campbell, Virginia K., Evanston, Ill. Display device. 142,018; Aug. 14.
Campbell, Willard S., Chicago, Ill. Conveyer frame. 141,975; Aug. 7.
Campbell, Willard S., Chicago, Ill. Combination pipe coupling and clamping device. 142,834; Nov. 13.
Campbell, William J., assignor to Climax Machinery Company, Indianapolis, Ind. Fan casing. 142,252; Aug. 21.
Campbell, William J., Indianapolis, Ind., assignor to Specialty Equipment Corporation. Lighter. 142,701; Oct. 30.
Campbell, William P., Los Angeles, Calif. Picture frame. 142,019; Aug. 14.
Camras, Marvin, assignor to Armour Research Foundation, Chicago, Ill. Combination magnetic recorder and reproducer or similar article. 143,182; Dec. 18.
Camras, Marvin, assignor to Armour Research Foundation, Chicago, Ill. Magnetic recorder or similar article. 143,183; Dec. 18.
Canal National Bank of Portland, The: *See*—
Parsons, W. E., and Randall, assignors.
Shepard, Ernest L., assignor.
Canepa, John B., Redwood City, Calif. Ash tray. 143,269; Dec. 25.
Caplan, Frank, and R. Bufano, New York, N. Y. Toy. 140,076; Jan. 23.
Caplan, Frank, and R. Bufano, New York, N. Y. Toy. 140,077; Jan. 23.
Caplan, Frank, and R. Bufano, New York, N. Y. Toy. 140,078; Jan. 23.
Caplan, Frank, and R. Bufano, New York, N. Y. Toy. 140,079; Jan. 23.
Capparelli, Anthony: *See*—
Tinello, Paul N., assignor.
Cardona, Carlos J., North Hollywood, Calif. Tripod head. 140,744; Apr. 3.
Carlson, Cecil G., Hibbing, Minn. Rocking horse. 141,202; May 15.
Carlson, Emil B., and C. G. Morgan, Chicago, Ill. Desk. 141,359; May 29.
Carlyle, George: *See*—
Dryden, E., and Carlyle.
Caron Corporation: *See*—
Lieberfield, Albert, assignor.
Carpenter, Drusilla G., Dallas, Tex. Scarf. 141,659; June 19.
Carpenter, E. W., Manufacturing Company, The: *See*—
Loucony, Adolphe W., assignor.
Carpenter, Tracy L., Lindenhurst, N. Y. Charm or similar article. 140,648; Mar. 27.
Carson, Gretyl E., New York, N. Y. Cigarette holder. 140,839; Apr. 10.
Carson, Gretyl E., New York, N. Y. Earring clasp. 142,373; Sept. 25.
Carter, Sidney T., assignor to Economic Machinery Company, Worcester, Mass. Labeling machine or similar article. 140,596; Mar. 20.
Cartier, Inc.: *See*—
Graeter, Harold, assignor.
Carver, Alice K., Pelham, assignor to Richard G. Krueger Inc., New York, N. Y. Child's toy. 141,102; May 8.
Carver, Alice K., Pelham, assignor to Richard G. Krueger Inc., New York, N. Y. Child's toy. 141,103; May 8.
Casalino, Joseph, Forest Hills, assignor to Dieplast Corporation, New York, N. Y. Hand mirror frame. 140,389; Feb. 20.
Casalino, Joseph, Forest Hills Gardens, assignor to Dieplast Corporation, New York, N. Y. Hand mirror frame. 140,902; Apr. 17.
Casalino, Joseph, Forest Hills Gardens, assignor to Nuvoplas Corporation, New York, N. Y. Compact. 143,058; Dec. 4.
Case, Percival H., and S. Johanson, assignors to Universal Camera Corporation, New York, N. Y. Binoculars. 140,375; Feb. 20.
Case, W. A., and Son Manufacturing Company: *See*—
Young, Willard G., assignor.
Cash, Cecil C., assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Rocking horse. 142,210; Aug. 21.
Casso, Bessie, assignor to Matilda Silver, doing business as Sufix Manufacturing Co., Boston, Mass. Leather or the like. 140,847; Apr. 10.
Casso, Bessie, assignor to Matilda Silver, doing business as Sufix Manufacturing Co., Boston, Mass. Leather or the like. 140,848; Apr. 10.
Casso, Bessie, assignor to Matilda Silver, doing business as Sufix Manufacturing Co., Boston, Mass. Leather or the like. 140,849; Apr. 10.
Casso, Bessie, assignor to Matilda Silver, doing business as Sufix Manufacturing Co., Boston, Mass. Leather or the like. 140,850; Apr. 10.
Casso, Bessie, assignor to Matilda Silver, doing business as Sufix Manufacturing Co., Boston, Mass. Leather or the like. 140,851; Apr. 10.
Casso, Bessie, assignor to Matilda Silver, doing business as Sufix Manufacturing Co., Boston, Mass. Leather or the like. 140,852; Apr. 10.
Castro, Rudolph, Los Angeles, Calif. Lamp shade. 142,062; Aug. 14.
Castro, Rudolph, Los Angeles, Calif. Lamp shade. 142,063; Aug. 14.
Cauter, Eleanor Z.: *See*—
Smith, B. B., and Cauter.
Cavanagh, Gerald F., Shaker Heights, assignor to Jack & Heintz, Inc., Bedford, Ohio. Electroplating device. 141,254; May 15.
Caves, Thomas J., Dearborn, Mich. Grass shears. 140,809; Apr. 10.
Chalmers, Frank, York, Pa. Combined air conditioning unit and display cabinet. 140,272; Feb. 6.
Chamberlain, William R., Mount Vernon, N. Y. Combination heating and cooking stove. 141,360; May 29.
Champness, Charlene, Toronto, Ontario, Canada. Figurine or similar article. 142,003; Aug. 7.

Chaplain, Urleene, Los Angeles, Calif. Shoe. 141,896; July 31.
Chapman, Dave, assignor to Club Aluminum Products Co., Chicago, Ill. Coffee maker. 140,157; Jan. 30.
Chapman, Dave, assignor to National Die Casting Company, Chicago, Ill. Juice extractor. 140,239; Feb. 6.
Chapman, Dave, assignor to Hanson Scale Company, Chicago, Ill. Bathroom scale. 142,064; Aug. 14.
Chapman, David, Chicago, Ill., assignor to Ray-O-Vac Company, Madison, Wis. Flashlight. 140,335; Feb. 13.
Chapman, David, Chicago, Ill., assignor to The Apex Electrical Manufacturing Co., Cleveland, Ohio. Vacuum cleaner tank or the like. 142,987; Nov. 27.
Chapman, David, Chicago, Ill., assignor to The Apex Electrical Manufacturing Co., Cleveland, Ohio. Washing machine. 143,270; Dec. 25.
Chapman, Harvey G., Jr., Glendale, Calif., assignor to Adel Precision Products Corp. Housing for a solenoid operated valve. 142,771; Nov. 6.
Chapman, Wilson K., Washington, D. C. Pencil. 141,630; June 19.
Chapman, Wilson K., Washington, D. C. Pencil. 141,631; June 19.
Chasse, Charles J.: *See*—
Botsford, A. C., and Chasse.
Cheney, Allan, Princeton, assignor to Cheney Metal Products Company, Trenton, N. J. Clothes pole head. 142,136; Aug. 14.
Cheney Metal Products Company: *See*—
Cheney, Allan, assignor.
Chesebrough Manufacturing Company, Consolidated: *See*—
Furman, Murray F., assignor.
Chess, Mary, Inc.: *See*—
Yandell, Anne, assignor.
Chic Pottery Company: *See*—
Garee, Hugh McM., assignor.
Chicago Die Casting Manufacturing Company: *See*—
Koch, William P., assignor.
Chicago Electric Manufacturing Company: *See*—
Maxson, William E., Jr., assignor.
Chicone, Peter V., and P. Ciccone, St. Paul, Minn. Toy. 142,149; Aug. 14.
Chikan Tool Company: *See*—
Phillips, Dwight M., assignor.
Christian, Fred W., Jr.: *See*—
Rabbes, Henry H., assignor.
Christian, Wanda: *See*—
Rabbes, Henry H., assignor.
Christison, Grace P., New York, N. Y. Shoe. 141,953; Aug. 7.
Christner, Howard F., F. A. Lobley, and C. F. Miles, assignors to Ames Company, Inc., Elkhart, Ind. Container for holding medical ingredients and implements. 140,925; Apr. 17.
Christopher, Clinton J., Minneapolis, Minn. Display counter. 140,249; Feb. 6.
Christopher, Clinton J., Minneapolis, Minn. Display stand. 141,108; May 8.
Chuka, Alma: *See*—
Poggi, A., Jordan, and Chuka.
Ciccone, Patrick: *See*—
Chicone, P. V., and Ciccone.
Cincinnati Milling Machine Co., The: *See*—
Archea, W. D., and Doane, assignors.
Cirese, Charles C.: *See*—
Bailey, Harry J., assignor.
Clark, James L., Chicago, Ill. Shuttlecock or similar article. 142,614; Oct. 23.
Clark, Robert H.: *See*—
Smith, Lawson A., assignor.
Tilton, Danley, assignor.
Clark, Robert H., Los Angeles, Calif. Box. 140,559; Mar. 13.
Clary, Hugh L.: *See*—
Leichter, N. S., and Clary.
Clary Multiplier Corporation: *See*—
Leichter, Newton S., assignor.
Leichter, N. S., and Clary, assignors.
Clayton, Andrew B., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine or similar article. 140,208; Jan. 30.
Clayton, Ross M., Asbury Park, N. J., assignor to Air-Col Corporation. Air deflector. 142,835; Nov. 13.
Clearite Products, Inc.: *See*—
Toklas, Monroe B., assignor.
Clem, Adrian D., Sioux City, Iowa. Game board or the like. 142,948; Nov. 20.
Cleve, Frank, Jr., Kansas City, Mo. Shoe heel. 141,585; June 12.
Clevenger, Glen M., Linthicum Heights, assignor to Maryland Glass Corporation, Baltimore, Md. Bottle. 142,615; Oct. 23.
Clevenger, Glen M., Linthicum Heights, assignor to Maryland Glass Corporation, Baltimore, Md. Bottle. 142,616; Oct. 23.
Climax Machinery Company: *See*—
Campbell, William J., assignor.
Cline, George D., Jr., Detroit, Mich., assignor to Heller Brothers Company, Newark, N. J. Hammer. 142,772; Nov. 6.
Clover Manufacturing Co.: *See*—
Gallaher, Edward B., assignor.
Club Aluminum Products Co.: *See*—
Chapman, Dave, assignor.
Coates, Jacob L., Greensburg, Kans. Display rack or similar article. 141,750; July 3.
Cobelli, Edwin G., and D. N. McDougal, Miami, Fla. Salt shaker or similar article. 142,374; Sept. 25.
Coble, Earl W., Waterville, assignor to D. W. Moor, Jr., and E. M. Belknap, Toledo, Ohio. Wheeled toy. 141,089; May 8.
Coble, Earl W., Waterville, assignor to D. W. Moor, Jr., and E. M. Belknap, Toledo, Ohio. Wheeled toy. 141,090; May 8.
Coble, Earl W., Waterville, assignor to D. W. Moor, Jr., and E. M. Belknap, Toledo, Ohio. Wheeled toy. 141,091; May 8.
Coble, Earl W., Waterville, assignor to D. W. Moor, Jr., and E. M. Belknap, Toledo, Ohio. Wheeled toy. 141,104; May 8.
Coble, Earl W., Waterville, assignor to D. W. Moor, Jr., and E. M. Belknap, Toledo, Ohio. Wheeled toy. 141,105; May 8.
Coble, Earl W., Waterville, assignor to D. W. Moor, Jr., and E. M. Belknap, Toledo, Ohio. Hand toy. 143,059; Dec. 4.
Cochran, Clarence W.: *See*—
Baratelli, C. A., Cochran, and Maurer.
Cochran, Jacqueline: *See*—
Rand, Paul, assignor.
Codish, George, New York, N. Y. Outsole or similar article. 140,649; Mar. 27.
Codish, George, New York, N. Y., assignor to Craft Sole Sales Company, Paterson, N. J. Shoe or the like. 140,650; Mar. 27.
Codish, George, New York, N. Y., assignor to Craft Sole Sales Company, Paterson, N. J. Woman's shoe or the like. 140,651; Mar. 27.
Codish, George, New York, N. Y., assignor to Craft Sole Sales Company, Paterson, N. J. Woman's shoe or the like. 142,836; Nov. 13.
Coffed, Earl J., Depew, N. Y. Tie rack. 141,571; June 12.
Coffed, Earl J., Depew, N. Y. Towel rack or the like. 141,976; Aug. 7.
Coghlan, Eileen, Hollywood, Calif. Doll's head. 140,080; Jan. 23.
Cohen, Anne, Detroit, Mich. Toothbrush. 140,438; Feb. 27.
Cohen, Fannie, Tulsa, Okla. Hospital garment. 142,702; Oct. 30.
Cohen, Harold, Elizabeth, N. J. Tower. 141,106; May 8.
Cohen, Jos. S., & Sons Co., Inc.: *See*—
Cohen, Louis, assignor.
Cohen, Louis, assignor to Jos. S. Cohen & Sons Co., Inc., New York, N. Y. Dress. 140,793; Apr. 10.
Cohen, Meyer, Flushing, assignor to Agency Paper Company, New York, N. Y. Mailing envelope. 141,586; June 12.
Cohen, Myer, Beverly, Mass. Doll stroller. 141,946; Aug. 7.
Cohen, Sidney, New York, N. Y. Suit. 143,184; Dec. 18.
Cohen, Sidney, New York, N. Y. Suit. 143,185; Dec. 18.
Cohen, Sidney, New York, N. Y. Suit. 143,186; Dec. 18.
Cohn, Gustave, Hartsdale, N. Y. House slipper. 140,638; Mar. 20.
Cole, Edwin G., and H. H. Schumacher, Chicago, Ill. Display stand. 139,876; Jan. 2.
Cole, Helen D., New York, N. Y., assignor to Jacques Kreisler Manufacturing Corporation, North Bergen, N. J. Pin or similar article. 143,133; Dec. 11.
Cole, Helen D., New York, N. Y., assignor to Jacques Kreisler Manufacturing Corporation, North Bergen, N. J. Pin or similar article. 143,136; Dec. 11.
Cole, Helen D., New York, N. Y., and W. Diehl, Summit, assignors to Jacques Kreisler Manufacturing Corporation, North Bergen, N. J. Pin or similar article. 143,130; Dec. 11.
Cole, Helen D., New York, N. Y., and W. Diehl, Summit, assignors to Jacques Kreisler Manufacturing Corporation, North Bergen, N. J. Pin or similar article. 143,131; Dec. 11.
Cole, Helen D., New York, N. Y., and W. Diehl, Summit, assignors to Jacques Kreisler Manufacturing Corporation, North Bergen, N. J. Pin or similar article. 143,132; Dec. 11.
Cole, Helen D., New York, N. Y., and W. Diehl, Summit, assignors to Jacques Kreisler Manufacturing Corporation, North Bergen, N. J. Pin or similar article. 143,134; Dec. 11.
Cole, Helen D., New York, N. Y., and W. Diehl, Summit, assignors to Jacques Kreisler Manufacturing Corporation, North Bergen, N. J. Pin or similar article. 143,135; Dec. 11.
Cole, Helen D., New York, N. Y., and W. Diehl, Summit, assignors to Jacques Kreisler Manufacturing Corporation, North Bergen, N. J. Pin or similar article. 143,137; Dec. 11.
Cole, Helen D., New York, and G. A. Santullo, Corona, Long Island, N. Y., assignors to Jacques Kreisler Manufacturing Corporation, North Bergen, N. J. Pin or similar article. 143,138; Dec. 11.
Cole, Helen D., New York, N. Y., and K. Speck, Palisade Park, assignors to Jacques Kreisler Manufacturing Corporation, North Bergen, N. J. Pin or similar article. 143,139; Dec. 11.

Cole of California Inc.: *See*—
Lasilo, Margit F., assignor.
Cole, William: *See*—
Lambert, H. L., and Cole.
Colef, Sara, assignor to Benton Glass Company, Benton Harbor, Mich. Picture frame. 143,187; Dec. 18.
Colef, Sara, assignor to Benton Glass Company, Benton Harbor, Mich. Picture frame. 143,188; Dec. 18.
Colef, Sara, assignor to Benton Glass Company, Benton Harbor, Mich. Picture frame. 143,189; Dec. 18.
Colef, Sara, assignor to Benton Glass Company, Benton Harbor, Mich. Picture frame. 143,190; Dec. 18.
Coleman, Eugene, North Hollywood, Calif. Box. 142,179; Aug. 14.
Coleman, Eugene, North Hollywood, Calif. Box. 142,180; Aug. 14.
Coleman, Eugene, North Hollywood, Calif. Box. 142,181; Aug. 14.
Coleman, John D., Detroit, Mich., assignor to The Aviation Corporation, New York, N. Y. Grate for a gas burner. 142,617; Oct. 23.
Coleman, John D., Detroit, Mich., assignor to The Aviation Corporation, New York, N. Y. Range. 142,837; Nov. 13.
Coleman Lamp and Stove Company: *See*—
Smith, Samuel L., assignor.
Coller, John H., South Bend, Ind. Storage cabinet for toys. 140,652; Mar. 27.
Collins, Alma K., and L. R. Hamilton, Los Angeles, Calif. Maternity garter support. 142,838; Nov. 13.
Collins, Edward J., West Los Angeles, Calif., assignor to R. T. Moloney, Chicago, Ill. Valve. 142,703; Oct. 30.
Collins, Norbert A.: *See*—
Wells, E. C., Euler, and Collins.
Collins, Richard E., assignor of one-half to C. E. Stenicka, Jr., Omaha, Nebr. Game board. 141,734; July 3.
Collura, Francesco, New York, N. Y. Cuff link. 140,726; Apr. 3.
Collura, Francesco, New York, N. Y., assignor to Millers Falls Company, Greenfield, Mass. Saw. 140,810; Apr. 10.
Collura, Francesco, New York, N. Y., assignor to Millers Falls Company, Greenfield, Mass. Hand drill. 140,811; Apr. 10.
Collura, Francesco, New York, N. Y., assignor to The Eagle Lock Company, Terryville, Conn. Padlock. 143,271; Dec. 25.
Colonial Mfg. Co., Inc.: *See*—
Gantwarg, Charles, assignor.
Colonial Neon Company, Inc.: *See*—
Sabatini, John C., assignor.
Colson Corporation, The: *See*—
Roe, William C., assignor.
Colp, Blanche, assignor to Broslan Jewelry Company, Inc., New York, N. Y. Pin or similar article. 142,704; Oct. 30.
Columbia Precision Products Corp.: *See*—
Nelson, Leonard, assignor.
Columbia Protektosite Co., Inc.: *See*—
Albanese, M., and Paul, assignors.
Brunetti, Joseph, assignor.
Buget, Daniel N., assignor.
Desimone, Anthony J., assignor.
Harvey, Wilfred, assignor.
Penndorf, Richard H., assignor.
Combs, Charles S., Irondequoit, assignor of one-half to D. R. Browne, Rochester, N. Y. Cigarette rolling machine. 141,751; July 3.
Concepcion, Alberto A., Detroit, Mich. Game board. 141,507; June 5.
Condon, Martin J.: *See*—
Filer, Adelbert F., assignor.
Conlan, David, assignor to Conlan Electric Corporation, New York, N. Y. Combination fuse lock and puller. 140,860; Apr. 10.
Conlan, David, assignor to Conlan Electric Corporation, New York, N. Y. Switch and fuse securing clip. 140,861; Apr. 10.
Conlan, David, assignor to Conlan Electric Corporation, New York, N. Y. Switch and fuse securing clip. 140,862; Apr. 10.
Conlan, David, assignor to Conlan Electric Corporation, New York, N. Y. Switch and fuse lock. 140,863; Apr. 10.
Conlan, David, assignor to Conlan Electric Corporation, New York, N. Y. Fuse and switch lock. 140,864; Apr. 10.
Conlan Electric Corporation: *See*—
Conlan, David, assignor.
Connell, William S., Norwood Park Township, Cook County, assignor to The Bastian-Blessing Company, Chicago, Ill. Refrigerator panel. 143,060; Dec. 4.
Connell, William S., Norwood Park Township, Cook County, assignor to The Bastian-Blessing Company, Chicago, Ill. Frozen food cabinet. 143,140; Dec. 11.
Consolidated Sewing Machine & Supply Co., Inc: *See*—
Ingwer, Max, assignor.
Consolidated Slipper Corp.: *See*—
Earl, Paul D., assignor.
Macht, Jack, assignor.
Consolidated Vultee Aircraft Corporation: *See*—
Fontaine, A. P., and Irvine, assignors.
Hall, Theodore P., assignor.
Learman, Frank A., assignor.
Sutton, Harry A., assignor.
Consolite Corporation: *See*—
Feist, Harry J., assignor.
Continental Can Company, Inc.: *See*—
Coyle, J., and Punte, assignors.
Continental Motors Corporation: *See*—
Altman, Peter, assignor.
Tandler, W. S., and de Weiss, assignors.
Control Instrument Company, Inc.: *See*—
Muldoon, William J., assignor.
Conveyors Incorporated: *See*—
Foster, Waldo E., assignor.
Coogan, Mal, New York, N. Y. Wrist watch band or similar article. 140,473; Feb. 27.
Coogler, Frank, Washington, D. C., and J. C. Coogler, Houston, Tex. Clothes clip. 141,735; July 3.
Coogler, John C.: *See*—
Coogler, Frank and J. C.
Cooke, Ernest S., Chillicothe, Kans. Tractor. 142,365; Sept. 11.
Cooper, Allyn R., assignor to Cooper Manufacturing Company, Marshalltown, Iowa. Lawn mower or the like. 141,203; May 15.
Cooper, Dexter P., Jr., Hyde Park, N. Y., assignor to Polaroid Corporation, Cambridge, Mass. Eyeshield or similar article. 141,204; May 15.
Cooper, Dexter P., Jr., Hyde Park, N. Y., assignor to Polaroid Corporation, Cambridge, Mass. Eyeshield or similar article. 141,205; May 15.
Cooper Manufacturing Company: *See*—
Cooper, Allyn R., assignor.
Corbett, Joseph R., Cincinnati, Ohio, assignor to Nu Tone, Incorporated, New York, N. Y. Chime actuator. 140,439; Feb. 27.
Corning Glass Works: *See*—
Ward, John B., assignor.
Cornish, Irving R., Elmhurst, assignor of one-third to J. W. Paxton, and one-third to G. N. Paxton, deceased; A. L. Paxton and The National Bank of Bloomington, Bloomington, Ill., executors. Desk. 142,470; Oct. 2.
Coro, Inc.: *See*—
Katz, Adolph, assignor.
Verrecchio, Gene, assignor.
Corre, Miriam, Chicago, Ill. Carrier for hearing-aid or battery. 140,653; Mar. 27.
Coame, Peter A., assignor to Sears, Roebuck and Co., Chicago, Ill. Lawn swing. 141,676; June 26.
Cosa, George R., assignor to Eureka Vacuum Cleaner Company, Detroit, Mich. Suction cleaner hose coupling or similar article. 141,801; July 3.
Cotton, Lucy, Miami, Fla. Writing pad holder. 140,136; Jan. 23.
Cotton, Lucy, Miami, Fla. Bottle opener. 140,622; Mar. 20.
Cotton, Lucy, Miami, Fla. Razor. 140,654; Mar. 27.
Cotton, Lucy, Miami, Fla. Seal stamp. 141,521; June 12.
Cotton, Lucy, Miami, Fla. Roller blotter. 141,954; Aug. 7.
Coty, Inc.: *See*—
Brodeur, Jules, assignor.
Couse Laboratories: *See*—
Sutphen, Robert M., assignor.
Coveleski, Frank, Newark, N. J. Picture frame. 142,988; Nov. 27.
Covey, Lois L., Torrington, Conn. Toy train. 141,808; July 10.
Cowan, Clifton J.: *See*—
Beveridge, J. M., and Cowan.
Coyle, John, and W. F. Punte, Baltimore, Md., assignors to Continental Can Company, Inc., New York, N. Y. Can top. 141,991; Aug. 7.
Cox, John T., Santa Monica, Calif. Toy ship. 141,632; June 19.
Craft Sole Sales Company: *See*—
Codish, George, assignor.
Crafts, Curtis S., Oak Park, assignor to The Goss Printing Press Company, Chicago, Ill. Printing press. 142,471; Oct. 2.
Cramer, Jessie A., Muncie, Ind. Toy dog. 141,752; July 3.
Crandall, Julian T., Ashaway, R. I., assignor to Ashaway Line & Twine Mfg. Co. Combined shipping and display box for a spool of fishing line or the like. 140,903; Apr. 17.
Crane, Co: *See*—
Dreyfuss, Henry, assignor.
Magos, John P., assignor.
Uphues, Frank P., assignor.
Zinkil, R. H., and Dreyfuss, assignors.
Crane, Walton E., assignor to Allied Plastics Company, Los Angeles, Calif. Compact. 140,440; Feb. 27.
Creed, George J., Milton, Mass. Fluorescent lighting fixture. 140,299; Feb. 6.
Creed, George J., Milton, assignor to Sylvania Electric Products Inc., Salem, Mass. Fluorescent lighting fixture. 143,061; Dec. 4.
Creedon, Neil J., Glen Falls, N. Y. Camera support. 140,011; Jan. 16.

Cressaty, George M., New York, N. Y. Lens or similar article. 140,840; Apr. 10.
Cressaty, George M., New York, N. Y. Reading lens or the like. 141,874; July 31.
Cressaty, George M., New York, N. Y. Lens or similar article. 142,375; Sept. 25.
Cretors, Charles J., Highland Park, Ill. Casing for a corn popping apparatus. 141,107; May 8.
Crocker, Ernest O., Washington, D. C. Vertical shaft for andirons. 142,295; Aug. 28.
Crocker, Ernest O., Washington, D. C. Vertical shaft for andirons. 142,296; Aug. 28.
Cronk, Alfred J., Chicago, Ill. Combination child's cart and rocker. 142,512; Oct. 9.
Cross, Thomas, Saginaw, Mich. Golf club carrier. 142,513; Oct. 9.
Cueva, Armand L.: *See*—
Tacón, L., and Cueva.
Cumming, George T., Kansas City, Mo. Portable vise. 142,546; Oct. 16.
Curry, Arthur V., San Francisco, Calif. Tray. 142,989; Nov. 27.
Curtis, Stanley, assignor to Holland Furnace Company, Holland, Mich. Register grille or the like. 140,499; Mar. 6.
Curtiss-Wright Corporation: *See*—
Forster, Walter J., assignor.
Cutler, Elizabeth, New York, N. Y. Dress. 143,062; Dec. 4.
Cutler, Elizabeth, New York, N. Y. Dress. 143,063; Dec. 4.
Cutler, Elizabeth, New York, N. Y. Dress. 143,064; Dec. 4.
Cutler, Elizabeth, New York, N. Y. Dress. 143,065; Dec. 4.
Cutrow, Leonard A., Los Angeles, Calif. Lighter for cigarettes or the like. 142,840; Nov. 13.
Cusanelli, Martin, Astoria, Long Island, N. Y. Combination salt and pepper shaker. 140,462; Feb. 27.
Cutler, Elizabeth, New York, N. Y. Dress. 142,839; Nov. 13.
Dabrohua, Castro M., Winnetka, Ill. Toy building block. 143,272; Dec. 25.
Dabrohua, Castro M., Winnetka, Ill. Toy building block. 143,273; Dec. 25.
Dabrohua, Castro M., Winnetka, Ill. Toy building block. 143,274; Dec. 25.
Dabrohua, Castro M., Winnetka, Ill. Toy building block. 143,275; Dec. 25.
Dabrohua, Castro M., Winnetka, Ill. Toy building block. 143,276; Dec. 25.
Dabrohua, Castro M., Winnetka, Ill. Toy building block. 143,277; Dec. 25.
Dabrohua, Castro M., Winnetka, Ill. Toy building block. 143,278; Dec. 25.
Dabrohua, Castro M., Winnetka, Ill. Toy building block. 143,279; Dec. 25.
Dahlquist, Seth E., Cadillac, Mich. Toy gun. 142,618; Oct. 23.
D'Algodt, Otto, Basking Ridge, N. J. Shower head attachment for bath salts. 142,841; Nov. 13.
Dalkin, A., Co.: *See*—
Yuza, R., and Srodulski, assignors.
D'Amato, James, Brooklyn, N. Y. Bottle. 140,841; Apr. 10.
Daniels, Elmer H., West Los Angeles, Calif., assignor to Jasper Desk Company, Jasper, Ind. Desk. 141,284; May 22.
Danielson, Gideon R., Geneva, Ill. Sewing kit. 141,572; June 12.
Dannell, Arthur G., Flushing, assignor to The Peace Light Co., New York, N. Y. Miniature icon projector shrine. 140,991; Apr. 24.
Dann, Charles W., Orange, and L. Z. La Forest, Parsippany-Troy Hills Township, Norris County, assignors to Thomas A. Edison, Incorporated, West Orange, N. J. Disk dictating machine. 141,776; July 3.
Dannenberg, Milton A., Chicago, Ill. Cap. 141,255; May 15.
Dannenberg, Milton A., Chicago, Ill. Cap. 141,256; May 15.
Dannenberg, Milton A., Chicago, Ill. Cap. 142,162; Aug. 14.
Danziger, Max, New York, N. Y. Cigarette case or similar article. 140,926; Apr. 17.
Darnell, Victor L., Centerville, assignor to The Master Electric Company, Dayton, Ohio. Switch housing. 143,280; Dec. 25.
Daum, Charles, New York, N. Y. Wall shelf. 141,824; July 10.
Davidson, David, Los Angeles, Calif. Ball-cage toy. 141,522; June 12.
Davidson, David, Los Angeles, Calif. Floating toy. 141,677; June 26.
Davidson, David, Los Angeles, Calif. Ring-loop toy. 142,020; Aug. 14.
Davidson, David, Los Angeles, Calif. Ring-boat toy. 142,021; Aug. 14.
Davidson, Donald E., assignor to Detroit Brass Foundry, Los Angeles, Calif. Valve body for swing spout faucet. 140,318; Feb. 13.
Davidson, William A.: *See*—
Matthews, J. R., and Davidson.
Davis, Emma A., Seattle, Wash. Butter measuring gauge. 140,049; Jan. 16.
Davis, Harry, Bronx, N. Y. Charm or similar article. 141,897; July 31.
Davis, Russell E., assignor to Hussman-Ligonier Company, St. Louis, Mo. Refrigerated display case. 142,773; Nov. 6.
Dawer, Sigmund, New York, N. Y. Cigarette case or similar article. 142,705; Oct. 30.
Dawson, Byron H., Los Angeles, and W. L. Adams, Bell, Calif. Card table top. 141,825; July 10.
Day-Brite Lighting, Inc.: *See*—
Biller, David J., assignor.
Meyer, Carl X., assignor.
Daze, Richard E., Mount Vernon, N. Y. Cigarette holder. 142,842; Nov. 13.
Deakin, Gerald, assignor to International Standard Electric Corporation, New York, N. Y. Combined telephone desk stand and hand set. 140,904; Apr. 17.
Deakin, Gerald, assignor to International Standard Electric Corporation, New York, N. Y. Telephone desk stand. 142,843; Nov. 13.
De Alteriis, Hugo, New York, N. Y. Brooch pin or similar article. 140,526; Mar. 6.
DeAmbrogio, Henry, San Francisco, Calif. Tie clasp. 141,678; June 26.
De Belling, Paul A., assignor of one-half to F. A. Bertram, Los Angeles, Calif. Combination refreshment counter and seat. 140,992; Apr. 24.
Debenport, Bob, Fort Worth, Tex. Fan propeller. 141,573; June 12.
Decca Records, Inc.: *See*—
Schneider, Leonard W., assignor.
Dee, Herbert C., Kenilworth, Ill. Corner element for hardboard box. 140,286; Feb. 6.
Deere & Company: *See*—
Brown, T., and Dreyfuss, assignors.
Dreyfuss, H., and Brown, assignors.
Deerwester, Jacob A., Minneapolis, Minn. Combination clothes basket and bathinette. 141,361; May 29.
De Flon, James G., Los Angeles, and George W. Meyer, North Hollywood, assignors to The Fluor Corporation, Ltd., Los Angeles, Calif. Water-cooling tower. 142,342; Aug. 28.
De Forest, Lee, Laboratories: *See*—
Rabbes, Henry H., assignor.
De Forest, Marie M.: *See*—
Rabbes, Henry H., assignor.
Deleit Enterprises, Inc.: *See*—
de Waltoff, Samuel A., assignor.
Delano, George W., Detroit, Mich. Toy rattler. 141,809; July 10.
Delano, George W., Detroit, Mich. Toy rattler. 141,810; July 10.
Delano, George W., Detroit, Mich. Toy rattler. 141,811; July 10.
Delano, George W., Detroit, Mich. Toy rattler. 141,812; July 10.
De Lisle, Harold L.: *See*—
Kritske, Victor J., assignor.
De Lisle, Harold L., a trust: *See*—
O'Donnell, Todd.
Delphos Bending Company, The: *See*—
Peltier, Leslie C., assignor.
Delta Manufacturing Company, The: *See*—
Stevens, Clifford B., assignor.
De Marco, Louis, assignor to Kaufman & Ruderman, Inc., New York, N. Y. Brooch or the like. 140,012; Jan. 16.
De Marco, Louis, assignor to Kaufman & Ruderman, Inc., New York, N. Y. Brooch or the like. 140,013; Jan. 16.
Deming, Roy E., assignor to Kalamazoo Stove and Furnace Company, Kalamazoo, Mich. Hot-air furnace. 141,826; July 10.
Denison Engineering Company, The: *See*—
Denison, William C., Jr., assignor.
Denison, William C., Jr., Powell, assignor to The Denison Engineering Company, Columbus, Ohio. Hydraulic press. 142,022; Aug. 14.
Denison, William C., Jr., Powell, assignor to The Denison Engineering Company, Columbus, Ohio. Bench press. 142,023; Aug. 14.
Denison, William C., Jr., Powell, assignor to The Denison Engineering Company, Columbus, Ohio. Press with indexing table. 142,024; Aug. 14.
Denniston, Mollie J., Hills and Dales, near Canton, assignor to C. C. Steiner, Canton, Ohio. Stuffed toy calf. 141,246; May 15.
Denniston, Mollie J., Hills and Dales, near Canton, assignor to C. C. Steiner, Canton, Ohio. Stuffed toy dog. 141,247; May 15.
De Pirro, Chris A., Chicago, Ill. Baby carrier. 143,281; Dec. 25.
De Pirro, Chris A., Chicago, Ill. Baby carrier. 143,282; Dec. 25.
De Pirro, Chris A., Chicago, Ill. Baby carrier. 143,283; Dec. 25.
De Pirro, Chris A., Chicago, Ill. Baby carrier. 143,284; Dec. 25.
Derderian, Dolly, San Francisco, Calif. Doll. 141,679; June 26.

Cole of California Inc.: *See*—
Lasso, Margit F., assignor.
Cole, William: *See*—
Lambert, H. L., and Cole.
Colef, Sara, assignor to Benton Glass Company, Benton Harbor, Mich. Picture frame. 143,187; Dec. 18.
Colef, Sara, assignor to Benton Glass Company, Benton Harbor, Mich. Picture frame. 143,188; Dec. 18.
Colef, Sara, assignor to Benton Glass Company, Benton Harbor, Mich. Picture frame. 143,189; Dec. 18.
Colef, Sara, assignor to Benton Glass Company, Benton Harbor, Mich. Picture frame. 143,190; Dec. 18.
Coleman, Eugene, North Hollywood, Calif. Box. 142,179; Aug. 14.
Coleman, Eugene, North Hollywood, Calif. Box. 142,180; Aug. 14.
Coleman, Eugene, North Hollywood, Calif. Box. 142,181; Aug. 14.
Coleman, John D., Detroit, Mich., assignor to The Aviation Corporation, New York, N. Y. Grate for a gas burner. 142,617; Oct. 23.
Coleman, John D., Detroit, Mich., assignor to The Aviation Corporation, New York, N. Y. Range. 142,837; Nov. 13.
Coleman Lamp and Stove Company: *See*—
Smith, Samuel L., assignor.
Coller, John H., South Bend, Ind. Storage cabinet for toys. 140,652; Mar. 27.
Collins, Alma K., and L. R. Hamilton, Los Angeles, Calif. Maternity garter support. 142,838; Nov. 13.
Collins, Edward J., West Los Angeles, Calif., assignor to R. T. Moloney, Chicago, Ill. Valve. 142,703; Oct. 30.
Collins, Norbert A.: *See*—
Wells, E. C., Euler, and Collins.
Collins, Richard E., assignor of one-half to C. E. Stenicka, Jr., Omaha, Nebr. Game board. 141,734; July 3.
Collura, Francesco, New York, N. Y. Cuff link. 140,726; Apr. 3.
Collura, Francesco, New York, N. Y., assignor to Millers Falls Company, Greenfield, Mass. Saw. 140,810; Apr. 10.
Collura, Francesco, New York, N. Y., assignor to Millers Falls Company, Greenfield, Mass. Hand drill. 140,811; Apr. 10.
Collura, Francesco, New York, N. Y., assignor to The Eagle Lock Company, Terryville, Conn. Padlock. 143,271; Dec. 25.
Colonial Mfg. Co., Inc.: *See*—
Gantzwarg, Charles, assignor.
Colonial Neon Company, Inc.: *See*—
Sabatini, John C., assignor.
Colson Corporation, The: *See*—
Roe, William C., assignor.
Colp, Blanche, assignor to Broslan Jewelry Company, Inc., New York, N. Y. Pin or similar article. 142,704; Oct. 30.
Columbia Precision Products Corp.: *See*—
Nelson, Leonard, assignor.
Columbia Proteintosite Co., Inc.: *See*—
Albanese, M., and Paul, assignors.
Brunetti, Joseph, assignor.
Bugel, Daniel N., assignor.
Desimone, Anthony J., assignor.
Harvey, Wilfred, assignor.
Penndorf, Richard H., assignor.
Combs, Charles S., Irondequoit, assignor of one-half to D. R. Browne, Rochester, N. Y. Cigarette rolling machine. 141,751; July 3.
Concepcion, Alberto A., Detroit, Mich. Game board. 141,507; June 5.
Condon, Martin J.: *See*—
Filer, Adelbert F., assignor.
Conlan, David, assignor to Conlan Electric Corporation, New York, N. Y. Combination fuse lock and puller. 140,860; Apr. 10.
Conlan, David, assignor to Conlan Electric Corporation, New York, N. Y. Switch and fuse securing clip. 140,861; Apr. 10.
Conlan, David, assignor to Conlan Electric Corporation, New York, N. Y. Switch and fuse securing clip. 140,862; Apr. 10.
Conlan, David, assignor to Conlan Electric Corporation, New York, N. Y. Switch and fuse lock. 140,863; Apr. 10.
Conlan, David, assignor to Conlan Electric Corporation, New York, N. Y. Fuse and switch lock. 140,864; Apr. 10.
Conlan Electric Corporation: *See*—
Conlan, David, assignor.
Connell, William S., Norwood Park Township, Cook County, assignor to The Bastian-Blessing Company, Chicago, Ill. Refrigerator panel. 143,060; Dec. 4.
Connell, William S., Norwood Park Township, Cook County, assignor to The Bastian-Blessing Company, Chicago, Ill. Frozen food cabinet. 143,140; Dec. 11.
Consolidated Sewing Machine & Supply Co., Inc: *See*—
Ingwer, Max, assignor.
Consolidated Slipper Corp.: *See*—
Earl, Paul D., assignor.
Macht, Jack, assignor.
Consolidated Vultee Aircraft Corporation: *See*—
Fontaine, A. P., and Irvine, assignors.
Hall, Theodore P., assignor.
Learman, Frank A., assignor.
Sutton, Harry A., assignor.
Consolite Corporation: *See*—
Feist, Harry J., assignor.
Continental Can Company, Inc.: *See*—
Coyle, J., and Punte, assignors.
Continental Motors Corporation: *See*—
Altman, Peter, assignor.
Tandler, W. S., and de Weiss, assignors.
Control Instrument Company, Inc.: *See*—
Muldoon, William J., assignor.
Conveyors Incorporated: *See*—
Foster, Waldo E., assignor.
Coogan, Mal, New York, N. Y. Wrist watch band or similar article. 140,473; Feb. 27.
Coogler, Frank, Washington, D. C., and J. C. Coogler, Houston, Tex. Clothes clip. 141,735; July 3.
Coogler, John C.: *See*—
Coogler, Frank and J. C.
Cooke, Ernest S., Chillicothe, Kans. Tractor. 142,365; Sept. 11.
Cooper, Allyn R., assignor to Cooper Manufacturing Company, Marshalltown, Iowa. Lawn mower or the like. 141,203; May 15.
Cooper, Dexter P., Jr., Hyde Park, N. Y., assignor to Polaroid Corporation, Cambridge, Mass. Eyeshield or similar article. 141,204; May 15.
Cooper, Dexter P., Jr., Hyde Park, N. Y., assignor to Polaroid Corporation, Cambridge, Mass. Eyeshield or similar article. 141,205; May 15.
Cooper Manufacturing Company: *See*—
Cooper, Allyn R., assignor.
Corbett, Joseph R., Cincinnati, Ohio, assignor to Nu Tone, Incorporated, New York, N. Y. Chime actuator. 140,439; Feb. 27.
Corning Glass Works: *See*—
Ward, John B., assignor.
Cornish, Irving R., Elmhurst, assignor of one-third to J. W. Paxton, and one-third to G. N. Paxton, deceased; A. L. Paxton and The National Bank of Bloomington, Bloomington, Ill., executors. Desk. 142,470; Oct. 2.
Coro, Inc.: *See*—
Katz, Adolph, assignor.
Verrecchio, Gene, assignor.
Corre, Miriam, Chicago, Ill. Carrier for hearing-aid or battery. 140,653; Mar. 27.
Cosme, Peter A., assignor to Sears, Roebuck and Co., Chicago, Ill. Lawn swing. 141,676; June 26.
Coss, George R., assignor to Eureka Vacuum Cleaner Company, Detroit, Mich. Suction cleaner hose coupling or similar article. 141,801; July 3.
Cotton, Lucy, Miami, Fla. Writing pad holder. 140,136; Jan. 23.
Cotton, Lucy, Miami, Fla. Bottle opener. 140,622; Mar. 20.
Cotton, Lucy, Miami, Fla. Razor. 140,654; Mar. 27.
Cotton, Lucy, Miami, Fla. Seal stamp. 141,521; June 12.
Cotton, Lucy, Miami, Fla. Roller blotter. 141,954; Aug. 7.
Coty, Inc.: *See*—
Brodeur, Jules, assignor.
Couse Laboratories: *See*—
Sutphen, Robert M., assignor.
Coveleski, Frank, Newark, N. J. Picture frame. 142,988; Nov. 27.
Covey, Lois L., Torrington, Conn. Toy train. 141,808; July 10.
Cowan, Clifton J.: *See*—
Beveridge, J. M., and Cowan.
Coyle, John, and W. F. Punte, Baltimore, Md., assignors to Continental Can Company, Inc., New York, N. Y. Can top. 141,991; Aug. 7.
Cox, John T., Santa Monica, Calif. Toy ship. 141,632; June 19.
Craft Sole Sales Company: *See*—
Codish, George, assignor.
Crafts, Curtis S., Oak Park, assignor to The Goss Printing Press Company, Chicago, Ill. Printing press. 142,471; Oct. 2.
Cramer, Jessie A., Muncie, Ind. Toy dog. 141,752; July 3.
Crandall, Julian T., Ashaway, R. I., assignor to Ashaway Line & Twine Mfg. Co. Combined shipping and display box for a spool of fishing line or the like. 140,903; Apr. 17.
Crane, Co: *See*—
Dreyfuss, Henry, assignor.
Magos, John P., assignor.
Uphues, Frank P., assignor.
Zinkil, R. H., and Dreyfuss, assignors.
Crane, Walton E., assignor to Allied Plastics Company, Los Angeles, Calif. Compact. 140,440; Feb. 27.
Creed, George J., Milton, Mass. Fluorescent lighting fixture. 140,299; Feb. 6.
Creed, George J., Milton, assignor to Sylvania Electric Products Inc., Salem, Mass. Fluorescent lighting fixture. 143,061; Dec. 4.
Creedon, Neil J., Glen Falls, N. Y. Camera support. 140,011; Jan. 16.

Cressaty, George M., New York, N. Y. Lens or similar article. 140,840; Apr. 10.
Cressaty, George M., New York, N. Y. Reading lens or the like. 141,874; July 31.
Cressaty, George M., New York, N. Y. Lens or similar article. 142,375; Sept. 25.
Cretors, Charles J., Highland Park, Ill. Casing for a corn popping apparatus. 141,107; May 8.
Crocker, Ernest O., Washington, D. C. Vertical shaft for andirons. 142,295; Aug. 28.
Crocker, Ernest O., Washington, D. C. Vertical shaft for andirons. 142,296; Aug. 28.
Cronk, Alfred J., Chicago, Ill. Combination child's cart and rocker. 142,512; Oct. 9.
Cross, Thomas, Saginaw, Mich. Golf club carrier. 142,513; Oct. 9.
Cueva, Armand L.: *See*—
Tacón, L., and Cueva.
Cumming, George T., Kansas City, Mo. Portable vise. 142,546; Oct. 16.
Curry, Arthur V., San Francisco, Calif. Tray. 142,989; Nov. 27.
Curtis, Stanley, assignor to Holland Furnace Company, Holland, Mich. Register grille or the like. 140,499; Mar. 6.
Curtiss-Wright Corporation: *See*—
Forster, Walter J., assignor.
Cutler, Elizabeth, New York, N. Y. Dress. 143,062; Dec. 4.
Cutler, Elizabeth, New York, N. Y. Dress. 143,063; Dec. 4.
Cutler, Elizabeth, New York, N. Y. Dress. 143,064; Dec. 4.
Cutler, Elizabeth, New York, N. Y. Dress. 143,065; Dec. 4.
Cutrow, Leonard A., Los Angeles, Calif. Lighter for cigarettes or the like. 142,840; Nov. 13.
Cusanelli, Martin, Astoria, Long Island, N. Y. Combination salt and pepper shaker. 140,462; Feb. 27.
Cuter, Elizabeth, New York, N. Y. Dress. 142,839; Nov. 13.
Dabrohua, Castro M., Winnetka, Ill. Toy building block. 143,272; Dec. 25.
Dabrohua, Castro M., Winnetka, Ill. Toy building block. 143,273; Dec. 25.
Dabrohua, Castro M., Winnetka, Ill. Toy building block. 143,274; Dec. 25.
Dabrohua, Castro M., Winnetka, Ill. Toy building block. 143,275; Dec. 25.
Dabrohua, Castro M., Winnetka, Ill. Toy building block. 143,276; Dec. 25.
Dabrohua, Castro M., Winnetka, Ill. Toy building block. 143,277; Dec. 25.
Dabrohua, Castro M., Winnetka, Ill. Toy building block. 143,278; Dec. 25.
Dabrohua, Castro M., Winnetka, Ill. Toy building block. 143,279; Dec. 25.
Dahlquist, Seth E., Cadillac, Mich. Toy gun. 142,618; Oct. 23.
D'Algodt, Otto, Basking Ridge, N. J. Shower head attachment for bath salts. 142,841; Nov. 13.
Dalkin, A., Co.: *See*—
Yuza, R., and Srodulski, assignors.
D'Amato, James, Brooklyn, N. Y. Bottle. 140,841; Apr. 10.
Daniels, Elmer H., West Los Angeles, Calif., assignor to Jasper Desk Company, Jasper, Ind. Desk. 141,284; May 22.
Danielson, Gideon R., Geneva, Ill. Sewing kit. 141,572; June 12.
Dannell, Arthur G., Flushing, assignor to The Peace Light Co., New York, N. Y. Miniature icon projector shrine. 140,991; Apr. 24.
Dann, Charles W., Orange, and L. Z. La Forest, Parsippany-Troy Hills Township, Norris County, assignors to Thomas A. Edison, Incorporated, West Orange, N. J. Disk dictating machine. 141,776; July 3.
Dannenberg, Milton A., Chicago, Ill. Cap. 141,255; May 15.
Dannenberg, Milton A., Chicago, Ill. Cap. 141,256; May 15.
Dannenberg, Milton A., Chicago, Ill. Cap. 142,162; Aug. 14.
Danziger, Max, New York, N. Y. Cigarette case or similar article. 140,926; Apr. 17.
Darnell, Victor L., Centerville, assignor to The Master Electric Company, Dayton, Ohio. Switch housing. 143,280; Dec. 25.
Daum, Charles, New York, N. Y. Wall shelf. 141,824; July 10.
Davidson, David, Los Angeles, Calif. Ball-cage toy. 141,522; June 12.
Davidson, David, Los Angeles, Calif. Floating toy. 141,677; June 26.
Davidson, David, Los Angeles, Calif. Ring-loop toy. 142,020; Aug. 14.
Davidson, David, Los Angeles, Calif. Ring-boat toy. 142,021; Aug. 14.
Davidson, Donald E., assignor to Detroit Brass Foundry, Los Angeles, Calif. Valve body for swing spout faucet. 140,318; Feb. 13.
Davidson, William A.: *See*—
Matthews, J. R., and Davidson.
Davis, Emma A., Seattle, Wash. Butter measuring gauge. 140,049; Jan. 16.
Davis, Harry, Bronx, N. Y. Charm or similar article. 141,897; July 31.
Davis, Russell E., assignor to Hussman-Ligonier Company, St. Louis, Mo. Refrigerated display case. 142,773; Nov. 6.
Dawer, Sigmund, New York, N. Y. Cigarette case or similar article. 142,705; Oct. 30.
Dawson, Byron H., Los Angeles, and W. L. Adams, Bell, Calif. Card table top. 141,825; July 10.
Day-Brite Lighting, Inc.: *See*—
Biller, David J., assignor.
Meyer, Carl X., assignor.
Daze, Richard E., Mount Vernon, N. Y. Cigarette holder. 142,842; Nov. 13.
Deakin, Gerald, assignor to International Standard Electric Corporation, New York, N. Y. Combined telephone desk stand and hand set. 140,904; Apr. 17.
Deakin, Gerald, assignor to International Standard Electric Corporation, New York, N. Y. Telephone desk stand. 142,843; Nov. 13.
De Alteriis, Hugo, New York, N. Y. Brooch pin or similar article. 140,526; Mar. 6.
DeAmbroglio, Henry, San Francisco, Calif. Tie clasp. 141,678; June 26.
De Belling, Paul A., assignor of one-half to F. A. Bertram, Los Angeles, Calif. Combination refreshment counter and seat. 140,992; Apr. 24.
Debenport, Bob, Fort Worth, Tex. Fan propeller. 141,573; June 12.
Decca Records, Inc.: *See*—
Schneider, Leonard W., assignor.
Dee, Herbert C., Kenilworth, Ill. Corner element for hardboard box. 140,286; Feb. 6.
Deere & Company: *See*—
Brown, T., and Dreyfuss, assignors.
Dreyfuss, H., and Brown, assignors.
Deerwester, Jacob A., Minneapolis, Minn. Combination clothes basket and bathinette. 141,361; May 29.
De Flon, James G., Los Angeles, and George W. Meyer, North Hollywood, assignors to The Fluor Corporation, Ltd., Los Angeles, Calif. Water-cooling tower. 142,342; Aug. 28.
De Forest, Lee, Laboratories: *See*—
Rabbes, Henry H., assignor.
De Forest, Marie M.: *See*—
Rabbes, Henry H., assignor.
Deleit Enterprises, Inc.: *See*—
de Waltoff, Samuel A., assignor.
Delano, George W., Detroit, Mich. Toy rattler. 141,809; July 10.
Delano, George W., Detroit, Mich. Toy rattler. 141,810; July 10.
Delano, George W., Detroit, Mich. Toy rattler. 141,811; July 10.
Delano, George W., Detroit, Mich. Toy rattler. 141,812; July 10.
De Lisle, Harold L.: *See*—
Kritske, Victor J., assignor.
De Lisle, Harold L., a trust: *See*—
O'Donnell, Todd.
Delphos Bending Company, The: *See*—
Peltier, Leslie C., assignor.
Delta Manufacturing Company, The: *See*—
Stevens, Clifford B., assignor.
De Marco, Louis, assignor to Kaufman & Ruderman, Inc., New York, N. Y. Brooch or the like. 140,012; Jan. 16.
De Marco, Louis, assignor to Kaufman & Ruderman, Inc., New York, N. Y. Brooch or the like. 140,013; Jan. 16.
Deming, Roy E., assignor to Kalamazoo Stove and Furnace Company, Kalamazoo, Mich. Hot-air furnace. 141,826; July 10.
Denison Engineering Company, The: *See*—
Denison, William C., Jr., assignor.
Denison, William C., Jr., Powell, assignor to The Denison Engineering Company, Columbus, Ohio. Hydraulic press. 142,022; Aug. 14.
Denison, William C., Jr., Powell, assignor to The Denison Engineering Company, Columbus, Ohio. Bench press. 142,023; Aug. 14.
Denison, William C., Jr., Powell, assignor to The Denison Engineering Company, Columbus, Ohio. Press with indexing table. 142,024; Aug. 14.
Denniston, Mollie J., Hills and Dales, near Canton, assignor to C. C. Steiner, Canton, Ohio. Stuffed toy calf. 141,246; May 15.
Denniston, Mollie J., Hills and Dales, near Canton, assignor to C. C. Steiner, Canton, Ohio. Stuffed toy dog. 141,247; May 15.
De Pirro, Chris A., Chicago, Ill. Baby carrier. 143,281; Dec. 25.
De Pirro, Chris A., Chicago, Ill. Baby carrier. 143,282; Dec. 25.
De Pirro, Chris A., Chicago, Ill. Baby carrier. 143,283; Dec. 25.
De Pirro, Chris A., Chicago, Ill. Baby carrier. 143,284; Dec. 25.
Derderian, Dolly, San Francisco, Calif. Doll. 141,679; June 26.

Derham, Philip A., Rosemont, Pa., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Compact. 140,189; Jan. 30.
Derham, Philip A., Rosemont, Pa., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container cap. 141,003; Apr. 24.
Derham, Philip A., Rosemont, Pa., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container cap. 141,861; July 10.
Derham, Philip A., Rosemont, Pa., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container cap. 142,376; Sept. 25.
Derham, Philip A., Rosemont, Pa., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container cap. 142,547; Oct. 16.
Derham, Philip A., Rosemont, Pa., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container cap. 142,619; Oct. 23.
Derham, Philip A., Rosemont, Pa., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container cap. 142,620; Oct. 23.
Derham, Philip A., Rosemont, Pa., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container cap. 142,621; Oct. 23.
Derham, Philip A., Rosemont, Pa., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container cap. 142,622; Oct. 23.
Derham, Philip A., Rosemont, Pa., assignor to Victor Metal Products Corporation, New York, N. Y. Container cap. 142,623; Oct. 23.
Derham, Philip A., Rosemont, Pa., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container cap. 142,624; Oct. 23.
Derham, Philip A., Rosemont, Pa., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container cap. 142,625; Oct. 23.
Derham, Philip A., Rosemont, Pa., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container cap. 142,626; Oct. 23.
Derham, Philip A., Rosemont, Pa., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container cap. 142,627; Oct. 23.
Derham, Philip A., Rosemont, Pa., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container cap. 142,628; Oct. 23.
Derham, Philip A., Rosemont, Pa., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container cap. 142,629; Oct. 23.
Derham, Philip A., Rosemont, Pa., assignor to Victor Metal Products Corporation, New York, N. Y. Bottle. 142,630; Oct. 23.
Derham, Philip A., Rosemont, Pa., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container cap. 142,844; Nov. 13.
Derham, Philip A., Rosemont, Pa., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container cap. 142,990; Nov. 27.
Derham, Philip A., Rosemont, Pa., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container cap. 142,991; Nov. 27.
Dernehl, Herbert U., Milwaukee, Wis. Bottle carrier. 142,272; Aug. 21.
Dernehl, Herbert U., Milwaukee, Wis. Toy telegraph key. 142,514; Oct. 9.
Deschneau, Robert A., Kenosha, Wis. Game board. 141,902; May 8.
Designers for Industry, Inc.: *See*—
Mankki, Onnie, assignor.
Desimone, Anthony J., Lyndhurst, assignor to Columbia Protektosite Co., Inc., Carlstadt, N. J. Cereal jar. 140,655; Mar. 27.
Detroit Brass Foundry: *See*—
Davidson, Donald E., assignor.
Deutsch, Max, Long Branch, N. J. Self illuminated and illuminating transparent rotary display table. 140,390; Feb. 20.
Deutch, Sidney, et al: *See*—
Schwartz, Harry H., assignor.
Deutz, Herbert J., New York, N. Y. Handbag. 140,551; Mar. 13.
Deutz, Herbert J., New York, N. Y. Handbag. 141,004; Apr. 24.
Deutz, Marie M., New York, N. Y. Handbag. 142,706; Oct. 30.
Deutz, Marie M., New York, N. Y. Handbag. 143,191; Dec. 18.
Devlin, Leo J.: *See*—
Heinemann, E. H., and Devlin.
De Vorn, Arthur C., Cleveland Heights, Ohio. Rocking horse. 143,285; Dec. 25.
De Vry Corporation: *See*—
De Vry, William C., assignor.
De Vry, William C., assignor to De Vry Corporation, Chicago, Ill. Portable motion picture machine and carrying case therefor. 141,955; Aug. 7.
De Wald Radio Mfg. Corp: *See*—
Mehrer, Theodore, assignor.
De Walroff, Samuel A., assignor to Delcit Enterprises, Inc., Los Angeles, Calif. Combined needle threader and needle card holding device. 143,286; Dec. 25.
De Weiss, Ferdinand A.: *See*—
Tandler, W. S., and de Weiss.
De Woskin, Irvin S., University City, assignor to Beltx Corporation, St. Louis, Mo. Grip for sanitary belt. 142,163; Aug. 14.
Diagraph-Bradley Stencil Machine Corporation: *See*—
Magann, Merritt W., assignor.
Diamond Match Company, The: *See*—
Stensgaard, William L., assignor.
Dice, Harold E., Canton, Ohio. Display plate for automobiles. 142,774; Nov. 6.
Di Chiara, Anthony, Newark, N. J. Frame for spectacles. 142,332; Aug. 28.
Dickson, Albert, Pontiac, Mich. Toy amphibian truck or similar article. 139,695; Jan. 9.
Diehl, William: *See*—
Cole, H. D., and Diehl.
Dieplast Corporation: *See*—
Casalino, Joseph, assignor.
Dieter, Walter G., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Clothes hamper or similar article. 140,273; Feb. 6.
Dietz, George, Jr.: *See*—
Salmon, M. S., and Dietz, Jr.
Di Resaylio, Leo, Culver City, Calif. Memorandum note pad unit. 142,775; Nov. 6.
Di Stadio, Dominic, assignor of one-half to J. D. El Koury, New York, N. Y. Rheostat. 141,827; July 10.
Ditchik, Louis, New York, N. Y. Savings bank. 141,813; July 10.
Ditto, Hugh M., Newton, assignor to Marine Optical Mfg. Co., Boston, Mass. Spectacle frame or the like. 140,500; Mar. 6.
Dixon, Steve: *See*—
Haddock, J. L., and Dixon.
Doane, Norman H.: *See*—
Archea, W. D., and Doane.
Dobkin, Israel, Pittsburgh, Pa. Combined door check and deodorant diffuser. 142,949; Nov. 20.
Dobrin, Sol, New York, N. Y. Holster. 140,812; Apr. 10.
Dobrin, Sol, New York, N. Y. Holster. 140,813; Apr. 10.
Doig, John C., et al.: *See*—
Rubin, Irving G., assignor.
Doniger, Sundel, New York, N. Y. Knife. 141,109; May 8.
Doniger, Sundel, New York, N. Y. Craftsman's plane. 141,110; May 8.
Doniger, Sundel, New York, N. Y. Sandpapering hand block. 141,159; May 8.
Donohoe, George, Pittsburgh, Pa. Leather shears. 140,441; Feb. 27.
Douglas Aircraft Company, Inc.: *See*—
Heinemann, E. H., and Devlin, assignors.
Douglas, H. A., Mfg. Co.: *See*—
Baumgardner, Earl J., assignor.
Douglas, Peyton W., Brighton, N. Y. Baby bath. 142,253; Aug. 21.
Doty, Boyd A., assignor to Hard Manufacturing Company, Buffalo, N. Y. Drop leaf bed table unit or analogous article. 141,503; June 12.
Downey, William H. J., Wilmington, Del. Combined pipe rack and match holder. 142,776; Nov. 6.
Downs, Jesse S., assignor to W-K-M Company, Inc., Houston, Tex. Valve. 141,603; June 19.
Dozier, William H., Jr.: *See*—
Weller, A. K., and Dozier.
Drell, William, New York, N. Y. Button or similar article. 140,158; Jan. 30.
Drell, William, New York, N. Y. Button or similar article. 140,159; Jan. 30.
Drell, William, New York, N. Y. Button or similar article. 140,160; Jan. 30.
Drell, William, New York, N. Y. Button or similar article. 140,161; Jan. 30.
Drell, William, New York, N. Y. Button or similar article. 140,162; Jan. 30.
Drell, William, New York, N. Y. Button or similar article. 140,163; Jan. 30.
Drell, William, New York, N. Y. Button or similar article. 140,164; Jan. 30.
Drell, William, New York, N. Y. Button or similar article. 140,165; Jan. 30.
Drell, William, New York, N. Y. Button or similar article. 140,166; Jan. 30.
Drell, William, New York, N. Y. Button or similar article. 140,167; Jan. 30.
Drell, William, New York, N. Y. Button or similar article. 140,168; Jan. 30.
Drell, William, New York, N. Y. Button or similar article. 140,169; Jan. 30
Drell, William, New York, N. Y. Button or similar article. 141,139; May 8.
Drell, William, New York, N. Y. Button or similar article. 141,140; May 8.
Drell, William, New York, N. Y. Button or similar article. 141,141; May 8.
Drell, William, New York, N. Y. Button or similar article. 141,142; May 8.
Drell, William, New York, N. Y. Button or similar article. 141,143; May 8.
Drescher, Theodore O., Elmont, assignor to Ideal Novelty & Toy Co., Long Island City, N. Y. Toy boat or similar article. 140,993; Apr. 24.

Drescher, Theodore O., Elmont, assignor to Ideal Novelty & Toy Co., Long Island City, N. Y. Toy boat or similar article. 141,005; Apr. 24.
Drescher, Theodore O., Elmont, assignor to Ideal Novelty & Toy Co., Long Island City, N. Y. Toy boat or similar article. 141,006; Apr. 24.
Dreadner, Carl, Rochester, N. Y. Razor blade holder. 142,845; Nov. 13.
Dresser Industries, Inc.: *See*—
Baxter, Ernest W., assignor.
Dreyfuss, Henry: *See*—
Brown, T., and Dreyfuss.
Zinkil, R. H., and Dreyfuss.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Weighing scale. 139,917; Jan. 2.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Weighing scale. 139,918; Jan. 2.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Weighing scale. 139,919; Jan. 2.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Weighing scale. 139,920; Jan. 2.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Weighing scale. 139,921; Jan. 2.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Weighing scale. 139,923; Jan. 2.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Weighing scale. 139,924; Jan. 2.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Weighing scale. 139,925; Jan. 2.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Weighing scale. 139,926; Jan. 2.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Weighing scale. 139,927; Jan. 2.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Weighing scale. 139,928; Jan. 2.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Weighing scale. 139,929; Jan. 2.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Weighing scale. 139,930; Jan. 2.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Weighing scale. 139,931; Jan. 2.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Weighing scale. 139,932; Jan. 2.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Weighing scale. 139,933; Jan. 2.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Wheel-load scale for vehicles. 139,934; Jan. 2.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Wheel-load scale for vehicles. 139,935; Jan. 2.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Over and under indicator for a weighing scale. 139,936; Jan. 2.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Over and under indicator for a weighing scale. 139,937; Jan. 2.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Diesel engine. 141,719; June 26.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Diesel engine. 141,720; June 26.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Weighing scale 141,798; July 3.
Dreyfuss, Henry, New York, N. Y., and T. Brown, assignors to Deere & Company, Moline, Ill. Tractor housing. 142,254; Aug. 21.
Dreyfuss, Henry, New York, N. Y., assignor to Crane Co., Chicago, Ill. Spray head or the like. 142,992; Nov. 27.
Dreyfuss, Henry, New York, N. Y., assignor to Crane Co., Chicago, Ill. Faucet handle or the like. 143,287; Dec. 25.
Dreyfuss, Henry, New York, N. Y., assignor to Crane Co., Chicago Ill. Escutcheon for sink fittings. 143,288; Dec. 25.
Driessner, Alfred E., assignor to The National Acme Company, Cleveland, Ohio. Single spindle automatic metalworking machine. 142,333; Aug. 28.
Driessner, Alfred E., assignor to The National Acme Company, Cleveland, Ohio. Single spindle automatic metal working machine. 142,707; Oct. 30.
Drogin, Martin M., Philadelphia, Pa., assignor to Freshmaster Corporation, Newark, N. J. Display cabinet. 143,192; Dec. 18.
Drogin, Martin M., Philadelphia, Pa., assignor to Freshmaster Corporation, Newark, N. J. Display cabinet. 143,193; Dec. 18.
Druck, Maurice, Lido, Long Island, N. Y. Window curtain. 139,864; Jan. 2.
Dryden, Edward, Bakersfield, and G. Carlyle, Long Beach, Calif. Fish lure. 141,338; May 22.
Duba, Alexandra P., San Francisco, Calif. Guard for sewing machines. 142,065; Aug. 14.
Du Bois, Joseph E., assignor to V. I. Du Bois, R. C. Sterne, E. Silbert, F. E. Taylor, Buffalo, and L. T. Holzworth, Tonawanda, N. Y. Eye shield. 140,312; Feb. 13.
Du Bois, Joseph E., Snyder, N. Y. Wrist watch strap. 141,753; July 3.
Du Bois, Virginia L., et al.: *See*—
Du Bois, Joseph E., assignor.
Dudaa, Vincent, Cleveland, Ohio, assignor to A. Varga. Safety razor. 142,950; Nov. 20.
Duhan, Ethel R., assignor to Holmes & Zucker, Inc., New York, N. Y. Textile fabric or similar article. 141,248; May 15.
Dumler, Sidney, New York, N. Y. Coat. 141,921; July 31.
Dumler, Sidney, New York, N. Y. Coat. 141,928; July 31.
Dumler, Sidney, New York, N. Y. Coat. 142,515; Oct. 9.
Dunn, Helen, Aurora, Ill., assignor to C. E. Hovey, Kansas City, Mo., as trustee. Case for coin changing mechanism. 141,032; May 1.
Dunn, Ulysses S., Aurora, Ill. Resistance welder. 142,066; Aug. 14.
Dunn, Ulysses S., Aurora, Ill. Electric arc welder. 142,377; Sept. 25.
Dunnell, Warren W., Los Angeles, Calif. Carton for paper toilet seat covers. 140,560; Mar. 13.
Dupler, Raymond R., Toledo, Ohio. Combined globe and supporting standard. 142,297; Aug. 28.
Dupler, Raymond R., Toledo, Ohio. Combined globe and supporting standard. 142,298; Aug. 28.
Duranol Products, Inc.: *See*—
Salinger, Morris, assignor.
Durante, James, and E. H. Baker, assignors to Umbriago Corporation, New York, N. Y. Doll head. 141,111; May 8.
Durham Manufacturing Corporation: *See*—
Kirkpatrick, Francis McK., assignor.
Duskin, Morris L., Chicago, Ill. Luggage cover or similar article. 141,828; July 10.
Duzmal, Walter J., Chicago, Ill. Rosary medal. 142,067; Aug. 14.
E-Z Swim Mask Company: *See*—
Eddy, Donald F., assignor.
Eagle Automatic Sales Corp.: *See*—
Paley, Albert A., assignor.
Eagle Lock Company, The: *See*—
Collura, Francesco, assignor.
Eames, Frederick W., Medford, Mass. Vegetable cutter. 142,472; Oct. 2.
Earl, Paul D., New York, assignor to Consolidated Slipper Corp., Malone, N. Y. Slipper. 141,277; May 15.
Eastham, Melville, assignor to General Radio Company, Cambridge, Mass. Control knob or similar article. 142,777; Nov. 6.
Eastman Kodak Company: *See*—
Hutchison, Miller R., Jr., assignor.
Teague, Walter D., assignor.
Eaton, Harold W., Worcester, and B. Trook, Westboro, Mass. Pinochle board. 142,516; Oct. 9.
Eaton, William C., assignor to American Optical Company, Southbridge, Mass. Bridge for an ophthalmic mounting. 142,316; Aug. 28.
Ebding, Irvin C., Cincinnati, Ohio. Child's swing seat. 142,708; Oct. 30.
Eby, Milwarde C. E., Montreal, Quebec, Canada. Doll. 142,709; Oct. 30.
Eckel, Oliver C., Cambridge, Mass. Clip for fastening insulating materials to walls and ceilings. 140,190; Jan. 30.
Ecker, Joe V., Chicago, Ill. Pin. 142,846; Nov. 13.
Eckles, Howard W.: *See*—
Lindberg, C. A., and Eckles.
Economic Machinery Company: *See*—
Carter, Sidney T., assignor.
Eddy, Donald F., assignor to E-Z Swim Mask Company, South Gate, Calif. Underwater mask. 140,814; Apr. 10.
Edelman, Leo, Chicago, Ill. Hydrometer or the like. 142,380; Sept. 25.
Edelman, Nathan, New York, N. Y. Dress. 141,061; May 1.
Edelmann, Leo, Chicago, Ill. Thermohydrometer or the like. 142,378; Sept. 25.
Edelmann, Leo, Chicago, Ill. Hydrometer jar or the like. 142,379; Sept. 25.
Edelson, Leon, Elkins Park, assignor to Bunting Glider Company, Philadelphia, Pa. Chair. 141,550; June 12.
Edelson, Leon, Elkins Park, assignor to Bunting Glider Company, Philadelphia, Pa. Chair. 141,551; June 12.
Edgerle, Alfred L., Coffeyville, Kans. Novelty coin bank. 140,816; Apr. 10.
Edison, Thomas A., Incorporated: *See*—
Braun, Gustav F., assignor.
Dann, C. W., and La Forest, assignors.
La Forest, L. Z., and Somers, assignors.
Somers, Richard M., assignor.

Eggers, Alvin L., Denver, Colo. Smoker's pipe. 141,594; June 12.
Eggertson, Bjarni: *See*—
Freeman, J., and Eggertson.
Egg-Safety Carton Corporation: *See*—
Benoit, Leon, assignor.
Eisen, Meyer, North Bergen, N. J. Table or similar article. 141,857; July 10.
Eisenberg, Sam J., Winnetka, assignor to Excitement, Incorporated, Chicago, Ill. Bar of toilet soap. 140,927; Apr. 17.
Ekco Products Company: *See*—
Glass, Henry P., assignor.
Sekowski, George E., assignor.
Elconin, Victor, Glendale, assignor to Aero-Crafts Corporation, Los Angeles, Calif. High frequency heat generator cabinet or similar article. 141,257; May 15.
Elder, John W., Wilmette, Ill. Wrapping paper. 141,080; May 1.
Elder, John W., Wilmette, Ill. Wrapping paper. 141,081; May 1.
Electric Household Utilities Corporation: *See*—
Gerhardt, A. H., and Schulz, assignors.
Schultz, Arthur P., assignor.
Electric Service Manufacturing Co.: *See*—
Hallman, Eric B., assignor.
Electric Steel Foundry: *See*—
Johnson, Clarence K., assignor.
Electrical Development Company: *See*—
Armenta, Alfred A., assignor.
Elfmont, Henry E., Patchogue, N. Y. Combined yo-yo, top, and whistle. 142,317; Aug. 28.
Elkhart Brass Manufacturing Company: *See*—
Hansen, Edward H., assignor.
Elkins, Vance V., Cheyney, assignor to The Charles E. Hires Company, Philadelphia, Pa. Beverage dispenser. 141,362; May 29.
El Koury, John D.: *See*—
Di Stadio, Dominic, assignor.
Elliston, Henrietta, assignor to Ziff-Davis Publishing Company, Chicago, Ill. Doll. 140,376; Feb. 20.
Ellmore Silver Co., Inc., The: *See*—
Lipman, Isadore A., assignor.
Ellmore Silver Company, Inc., The: *See*—
Lipman, Isidore A., assignor.
Elsas, William D., Kew Gardens, P. Lowengardt, Forest Hills, and A. Scheftel, New York, N. Y. Closure cap for a two-compartment container. 143,289; Dec. 25.
Elson, Eugene M., Los Angeles, Calif. Infant's dressing and rubbing table. 143,290; Dec. 25.
Elston, Edward P., Bradmore, Wolverhampton, England. Garment hanger. 142,631; Oct. 23.
Emerson Electric Manufacturing Company, The: *See*—
Lindberg, C. A., and Eckles, assignors.
Emslie, Olive: *See*—
Schladermundt, P., and Emslie.
Enger-Kress Company: *See*—
Pence, William A., assignor.
Pence, W. A., and Spielmann, assignors.
Schoenbeck, Arnold O., assignor.
Engineering Manufacturing Company: *See*—
O'Donnell, Todd, assignor.
Engineering Sales Company: *See*—
Kritske, Victor J.
England, James W., Jr., Prescott, Ariz. Cribbage board. 141,206; May 15.
Erbe, Alfred J. F., Weston, W. Va. Pitcher. 140,656; Mar. 27.
Erbe, Alfred J. F., Weston, W. Va. Pitcher. 140,657; Mar. 27.
Erbe, Alfred J. F., Weston, W. Va. Tumbler. 140,658; Mar. 27.
Erger, Edward, assignor to R. S. Herman, Los Angeles, Calif. Cigarette dispenser or the like. 141,020; Apr. 24.
Erger, Edward, assignor to R. S. Herman, Los Angeles, Calif. Electric light fixture. 142,632; Oct. 23.
Erger, Edward, assignor to R. S. Herman, Los Angeles, Calif. Electric light fixture. 142,633; Oct. 23.
Erger, Edward, assignor to R. S. Herman, Los Angeles, Calif. Electric light fixture. 142,634; Oct. 23.
Erznoznik, Frank, Pontiac, Mich. Game board. 141,754; July 3.
Esh, Barnett, New York, N. Y., assignor to Weisfield & Goldberg, Inc., Seattle, Wash. Finger ring. 142,164; Aug. 14.
Esmco Auto Products Corp.: *See*—
Greene, David, assignor.
Espey Manufacturing Company: *See*—
Terrell, Horace, assignor.
Estel, George A.: *See*—
Thompson, E. B., and Estel, assignors.
Etched Products Corporation: *See*—
Ignall, Theodore J., assignor.
Etkin, Simon, New York, N. Y. Jacket. 139,996; Jan. 9.
Etkin, Simon, New York, N. Y. Jacket. 142,364; Sept. 11.
Ettman, Rodney, Woodmere, N. Y. Necktie or similar article. 142,309; Aug. 28.
Ettman, Rodney, Woodmere, N. Y. Necktie or similar article. 142,310; Aug. 28.
Ettman, Rodney, Woodmere, N. Y. Necktie or similar article. 142,311; Aug. 28.
Ettman, Rodney, Woodmere, N. Y. Necktie or similar article. 142,312; Aug. 28.
Ettman, Rodney, Woodmere, N. Y. Necktie or similar article. 142,313; Aug. 28.
Eubank, Judson C., New York, N. Y. Holder of candles, miniature flower pots or similar articles. 139,877; Jan. 2.
Eubank, Judson C., New York, N. Y. Picture frame or similar article. 140,319; Feb. 13.
Eubank, Judson C., New York, N. Y. Picture frame or similar article. 140,320; Feb. 13.
Eubank, Judson C., New York, N. Y. Picture frame or similar article. 140,321; Feb. 13.
Eubank, Judson C., New York, N. Y. Combination picture frame and flower-tube holder or similar article. 140,322; Feb. 13.
Eubank, Judson C., New York, N. Y. Combination cigarette container and dispenser. 140,561; Mar. 13.
Eubank, Judson C., New York, N. Y. Flower holder or similar article. 141,633; June 19.
Eubank, Judson C., New York, N. Y. Flower holder or similar article. 141,634; June 19.
Eubank, Judson C., New York, N. Y. Picture frame or similar article. 142,137; Aug. 14.
Euger-Kress Company: *See*—
Pence, William A., assignor.
Euler, Donald J.: *See*—
Wells, E. C., Euler, and Collins.
Eureka Vacuum Cleaner Company: *See*—
Coss, George R., assignor.
Walker, George W., assignor.
Walker, G. W., and Hopkins, assignors.
Walker, G. W., and Ornas, assignors.
Walker, G. W., and Wittke, assignors.
Wittke, Kurt H., assignor.
Evans, Etta, New York, N. Y. Child's dress. 139,906; Jan. 2.
Evans, George, Chicago, Ill. Picture frame or the like. 141,862; July 10.
Evans, William I.: *See*—
Smith, A. J., and Evans.
Evans, William I., Los Angeles, Calif. Combination stand and service table. 141,929; July 31.
Even-Pul Foundations, Inc.: *See*—
Lo Cascio, Jack J., assignor.
Everbest Engineering Corp.: *See*—
Peckerman, Charles, assignor.
Ewart, Elliott S., St. Clair Shores, Mich., assignor to United States Rubber Company, New York, N. Y. Pneumatic tire. 142,548; Oct. 16.
Ewing, Ralph C., New York, N. Y. Handbag frame or similar article. 142,993; Nov. 27.
Ewing, Ralph C., New York, N. Y. Handbag frame or similar article. 142,994; Nov. 27.
Ewing, Ralph C., New York, N. Y. Handbag frame or similar article. 142,995; Nov. 27.
Excel Auto Radiator Company: *See*—
Briskin, Theodore S., assignor.
Excitement, Incorporated: *See*—
Eisenberg, Sam J., assignor.
Exhibit Supply Company, The: *See*—
Meyer, John F., assignor.
Eyring, Herbert: *See*—
Remeach, J., Eyring, and Moyer.
Faggin, Birdes, Arlington, Va. Table top or similar article. 140,527; Mar. 6.
Fairbairn, William E., Washington, D. C., F. R. Graninger, Takoma Park, Md., and E. G. Millison, Falls Church, Va. Dagger or the like. 141,363; May 29.
Fairbairn, William E., Washington, D. C., F. R. Graninger, Takoma Park, Md., and E. G. Millison, Falls Church, Va. Scabbard or the like. 140,745; Apr. 3.
Fairbanks, Morse & Co.: *See*—
Aker, Leonard, assignor.
Anderson, Gordon R., assignor.
Dreyfuss, Henry, assignor.
Fairbanks, Monroe S., San Francisco, Calif. Grinder. 140,659; Mar. 27.
Fairchild Engine & Airplane Corporation: *See*—
Thiebiot, Armand J., assignor.
Fairfacts Company, Inc., The: *See*—
Klauber, Chester D., assignor.
Famolare, Joseph P., Chestnut Hill, Mass. Shoe. 142,847; Nov. 13.
Fannon, Leonard A.: *See*—
Wise, W. F., and Fannon.
Farber, Simon W., Brooklyn, N. Y. Spoon. 140,263; Feb. 6.
Farber, Simon W., Brooklyn, N. Y. Cooking spoon. 140,264; Feb. 6.
Farber, Simon W., Brooklyn, N. Y. Cooking spoon. 140,265; Feb. 6.
Farber, Simon W., Brooklyn, N. Y. Cooking fork. 140,274; Feb. 6.
Farber, Simon W., Brooklyn, N. Y. Pressure cooker. 143,291; Dec. 25.
Farber, Simon W., Brooklyn, N. Y. Pressure cooker. 143,292; Dec. 25.
Farmer, Laurel, New York, N. Y. Toy. 141,062; May 1.
Federal Telephone and Radio Corporation: *See*—
Haigh, L. B., and Stearn, assignors.
Knorr, Camillo A., assignor.
Master, Warren S., assignor.

Fegely, John P., Allentown, Pa. Baby walker. 142,848; Nov. 13.
Feig, Edward C., Chicago, Ill., assignor to C. E. Barrett & Co. Fountain pen. 141,297; May 22.
Feild, Joseph L., Detroit, Mich. Surface sander. 143,293; Dec. 25.
Feinstein, Morris A., Chicago, Ill. Electric broiler heating unit. 140,442; Feb. 27.
Feist, Harry J., assignor to Consolite Corporation, Fremont, Ohio. Mirror and support therefor. 142,165; Aug. 14.
Feldman, Isidore: *See*—
Abrams, William, assignor.
Fellows Gear Shaper Company, The: *See*—
Miller, Edward W., assignor.
Ferguson, Robert O., Bristol, Tenn., assignor of one-half to W. J. Tilley, Bristol, Va. Brassière. 141,777; July 3.
Ferris, Victor W., Venice, Calif. Milk can cover or similar article. 142,710; Oct. 30.
Ferriso, John D., Brooklyn, N. Y. Slipper. 142,281; Aug. 21.
Fibro Container Corporation: *See*—
Olkon, Albert, assignor.
Filer, Adelbert F., assignor of one-half to M. J. Condon, Memphis, Tenn. Figure toy. 143,294; Dec. 25.
Finder, Francis A., Long Island City, N. Y. Vanity case or similar article. 141,364; May 29.
Finders Manufacturing Company: *See*—
Waltman, Chauncey E., assignor.
Fine, George, New York, N. Y. Diamond or similar article. 141,258; May 15.
Fine, George, New York, N. Y. Diamond or similar article. 141,259; May 15.
Fink, Frederick, Washington, D. C. Crutch grip. 142,549; Oct. 16.
Finkelstein, Nathan, New York, N. Y. Jacket. 140,137; Jan. 23.
Finkelstein, Nathan, New York, N. Y. Coat. 141,021; Apr. 24.
Finkelstein, Nathan, New York, N. Y. Jacket. 142,951; Nov. 20.
Finkelstein, Nathan, New York, N. Y. Jacket. 143,194; Dec. 13.
Finkelstein, Nathan, New York, N. Y. Jacket. 143,195; Dec. 18.
Fischel, Morton M., Chicago, Ill. Floor lamp. 141,421; May 29.
Fischer, Ethel, New York, N. Y. Child's coat. 140,686; Mar. 27.
Fischer, Jacob J.: *See*—
Schless, Maurice J., assignor.
Fischer, Simon, Brooklyn, N. Y. Brooch or similar article. 140,067; Jan. 16.
Fischer, Simon, Brooklyn, N. Y. Bracelet or similar article. 140,282; Feb. 6.
Fischer, Simon, Brooklyn, N. Y. Earring or similar article. 140,562; Mar. 13.
Fish, Ned D., and L. P. Martin, assignors to W. A. Sheaffer Pen Company, Fort Madison, Iowa. Fountain pen or the like. 142,381; Sept. 25.
Fish, Ned D., and L. P. Martin, assignors to W. A. Sheaffer Pen Company, Fort Madison, Iowa. Fountain pen. 142,382; Sept. 25.
Fisher, EdWill, Minneapolis, Minn., assignor to Fisher Flame. Cigarette and cigar lighter. 143,295; Dec. 25.
Fisher Flame: *See*—
Fisher, EdWill, assignor.
Fisher, Joseph S., Bronx, N. Y. Combination calendar stand and scratch pad holder. 142,635; Oct. 23.
Fisher, Morris, New York, N. Y. Doll or similar article. 140,170; Jan. 30.
Fisk, Ruth L., and A. Abicht, New York, N. Y. Toy ball. 142,393; Sept. 25.
Fisk, Ruth L., and A. Abicht, New York, N. Y. Toy ball. 142,394; Sept. 25.
Fisk, Ruth L., and A. Abicht, New York, N. Y. Toy ball. 142,395; Sept. 25.
Fisk, Ruth L., New York, N. Y. Combined brooch, compact, lipstick, and comb. 142,473; Oct. 2.
Fitts, Mary G., Atlanta, Ga. Baby's bootee drier. 141,574; June 12.
Fitz Gerald, Harold R., Rocky River, and G. E. Kricker, assignors to The Midland Steel Products Company, Cleveland, Ohio. Combined hand control valve mounting and indicator. 143,143; Dec. 11.
Flandermeyer, Clara M., Milwaukee, Wis. Animal toy. 140,629; Mar. 20.
Flaxman, Louis, Baltimore, Md. Handbag. 140,405; Feb. 20.
Flaster, Alfred A., New York, N. Y. Bottle or similar article. 140,746; Apr. 3.
Fleischhauer, Ethel L., La Fayette, Ind. Bath tub. 143,204; Dec. 18.
Fleisher, James, Minneapolis, Minn. Game board. 141,033; May 1.
Fleming, Earle, Los Angeles, Calif. Wrench. 141,545; June 12.
Fletcher Aviation Corp.: *See*—
Fletcher, Frank P., assignor.
Fletcher, Frank P., Pasadena, Calif. Desk. 140,501; Mar. 6.
Fletcher, Frank P., assignor to Fletcher Aviation Corp., Pasadena, Calif. Baby walker. 142,299; Aug. 28.
Fletcher, Frank P., assignor to Fletcher Aviation Corp., Pasadena, Calif. Combination baby walker and stroller. 142,343; Aug. 28.
Florence Stove Company: *See*—
Bjorncrantz, Carl G., assignor.
Reeves, H. M., and Hauser, assignors.
Florman, Irving, New York, N. Y. Cigarette lighter or the like. 140,293; Feb. 6.
Fluor Corporation, Ltd., The: *See*—
De Flon, J. G., and Meyer, assignors.
Flynt, Robert C., Winston-Salem, N. C. Wheeled toy. 141,298; May 22.
Flynt, Robert C., Winston-Salem, N. C. Wheeled toy. 142,396; Sept. 25.
Fontaine, Athanas P., San Marino, and C. R. Irvine, Whittier, assignors to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Airplane. 140,412; Feb. 20.
Ford, George E., Brighton, N. Y., assignor to Qualitrol Corporation, Rochester, N. Y. Kitchen mixing machine. 142,550; Oct. 16.
Ford, Jack L., Los Angeles, Calif. Merchandise rack or the like. 142,952; Nov. 20.
Fordyce, Charles L., New York, N. Y., assignor to Pitman-Dreitzer & Co., Inc. Glass plate or article of similar nature. 140,345; Feb. 13.
Fordyce, Charles L., assignor to Pitman-Dreitzer & Co., Inc., New York, N. Y. Glass goblet or article of similar nature. 140,391; Feb. 20.
Fordyce, Charles L., assignor to Pitman-Dreitzer & Co., Inc., New York, N. Y. Glass jug or article of similar nature. 140,416; Feb. 27.
Fordyce, Charles L., assignor to Pittman-Dreitzer & Co., Inc., New York, N. Y. Glass candle holder or article of similar nature. 140,747; Apr. 3.
Fordyce, Charles L., assignor to Pitman-Dreitzer & Co., Inc., New York, N. Y. Glass decanter or article of similar nature. 140,853; Apr. 10.
Fordyce, Charles L., assignor to Pitman-Dreitzer & Co., Inc., New York, N. Y. Glass candle holder or article of similar nature. 140,974; Apr. 24.
Fordyce, Charles L., assignor to Pitman-Dreitzer & Co., Inc., New York, N. Y. Glass condiment jar or article of similar nature. 141,007; Apr. 24.
Fordyce, Charles L., assignor to Pitman-Dreitzer & Co., Inc., New York, N. Y. Glass spoon or article of similar nature. 141,112; May 8.
Fordyce, Charles L., assignor to Pitman-Dreitzer & Co., Inc., New York, N. Y. Glass cup or article of similar nature. 141,516; June 5.
Fordyce, Charles L., assignor to Pitman-Dreitzer & Co., Inc., New York, N. Y. Glass bon-bon dish or article of similar nature. 141,517; June 5.
Fordyce, Charles L., assignor to Pitman-Dreitzer & Co., Inc., New York, N. Y. Compotier or article of similar nature. 141,587; June 12.
Fordyce, Charles L., assignor to Pitman-Dreitzer & Co., Inc., New York, N. Y. Glass plate or article of similar nature. 141,680; June 26.
Fordyce, Charles L., assignor to Pitman-Dreitzer & Co., Inc., New York, N. Y. Glass butter dish or article of similar nature. 141,681; June 26.
Fordyce, Charles L., assignor to Pitman-Dreitzer & Co., Inc., New York, N. Y. Glass candleholder or article of similar nature. 141,721; June 26.
Fordyce, Charles L., assignor to Pitman-Dreitzer & Co., Inc., New York, N. Y. Cigarette box or article of similar nature. 142,182; Aug. 14.
Fordyce, Charles L., assignor to Pitman-Dreitzer & Co., Inc., New York, N. Y. Candle holder or article of similar nature. 142,474; Oct. 2.
Forman, Alexander W., Chicago, Ill. Folding shoe horn. 140,140; Jan. 30.
Forman, Mack M., Providence, R. I., assignor to Marathon Company. Box for children's jewelry. 142,996; Nov. 27.
Formis, Frederick K., West Hartford, Conn. Knife. 143,144; Dec. 11.
Forster, Walter J., assignor to Curtiss-Wright Corporation, St. Louis, Mo. Chair. 140,502; Mar. 6.
Forte, Rocco, Madison, N. J. Cracker. 141,977; Aug. 7.
Forwell, Harry E.: *See*—
Foster, Charles H.
Foster, C. H., and Forwell.
Fosgood Corporation: *See*—
Foster, Joseph C., assignor.
Foster, Charles H., and H. Furth, New York, N. Y.; said Furth assignor to said Foster. Combined perfume bottle and support. 140,250; Feb. 6.
Foster, Charles H., and H. E. Forwell, New York, N. Y.; said Forwell assignor to said Foster. Combined perfume bottle and support. 140,251; Feb. 6.
Foster, Joseph C., assignor to Fosgood Corporation, Leominster, Mass. Sun goggle or the like. 139,907; Jan. 2.
Foster, Joseph C., assignor to Fosgood Corporation, Leominster, Mass. Comb or the like. 142,711; Oct. 30.
Foster, Waldo E., Minneapolis, assignor to Conveyors Incorporated, St. Paul, Minn. Suction nozzle. 141,082; May 1.
Foster, William B., Milan, Tenn. Sewing machine frame. 140,382; Feb. 20.
Fowler, Gizella, New York, N. Y., assignor to C. J. Bates & Son, Chester, Conn. Yarn bobbin or similar article. 140,474; Feb. 27.

Frank, Joseph, Forest Hills, N. Y. Flashlight. 140,300; Feb. 6.
Frank, Joseph, Forest Hills, N. Y. Flashlight. 140,301; Feb. 6.
Frank, Leon L., New York, N. Y. Textile fabric. 140,050; Jan. 16.
Frank, Leon L., New York, N. Y. Textile fabric. 140,051; Jan. 16.
Frank, Leon L., New York, N. Y. Textile fabric. 140,052; Jan. 16.
Frank, Leon L., New York, N. Y. Textile fabric. 140,639; Mar. 20.
Frank, Stephen, Toronto, Ontario, Canada. Score board. 140,767; Apr. 10.
Franke, Kenneth S., Woodside, N. Y. Magician's trick device. 140,417; Feb. 27.
Frankel, Leo J., Chicago, Ill. Toy gun. 142,551; Oct. 16.
Frascino, Mario, New York, N. Y. Coat. 141,755; July 3.
Frascino, Mario, New York, N. Y. Coat. 141,756; July 3.
Frascino, Mario, New York, N. Y. Coat. 142,025; Aug. 14.
Fraser, Leslie S., Toronto, Ontario, Canada. Jewelry finding. 140,640; Mar. 20.
Fravessi-Lamont, Inc.: *See*—
Meadsen, Thelma, assignor.
Streeter, Angela, assignor.
Fredell, Titus O., Minneapolis, Minn. Jar coupling for holding paint brushes. 142,849; Nov. 13.
Frederick, Robert E., New York, N. Y. Shoe or similar article. 139,908; Jan. 2.
Frederics, Fred, New York, N. Y. Cosmetic bag. 140,323; Feb. 13.
Frederics, Fred, New York, N. Y. Lipstick case. 141,278; May 15.
Frederics, Fred, New York, N. Y. Multiple holder for cosmetic preparations or the like. 141,978; Aug. 7.
Frederics, Fred, New York, N. Y. Display stand or similar article. 143,202; Dec. 18.
Frederics, Fred, New York, N. Y. Display stand or similar article. 143,203; Dec. 18.
Frederics, Fred, New York, N. Y. Bottle. 143,296; Dec. 25.
Freedman, Jules, New York, N. Y. Suit. 143,196; Dec. 18.
Freedman, Jules, New York, N. Y. Suit. 143,197; Dec. 18.
Freedman, Jules, New York, N. Y. Suit. 143,198; Dec. 18.
Freedman, Jules, New York, N. Y. Suit. 143,199; Dec. 18.
Freedman, Jules, New York, N. Y. Suit. 143,200; Dec. 18.
Freedman, Jules, New York, N. Y. Suit. 143,201; Dec. 18.
Freedman, Leonard I., New York, N. Y. Embossed leather or the like. 139,866; Jan. 2.
Freedman, Leonard I., New York, N. Y. Embossed leather. 141,070; May 1.
Freedman, Leonard I., New York, N. Y. Embossed leather. 143,141; Dec. 11.
Freeman, John, Montreal, and Bjarni Eggertson, Verdun, Quebec, Canada. Finger nail lacquer polishing brush. 142,118; Aug. 14.
Freemark, Michael J., Breckenridge, Minn. Helicopter toy. 142,636; Oct. 23.
Frei, Otto, assignor to Sport-Craft Company, New York, N. Y. Embroidered textile fabric or similar article. 142,146; Aug. 14.
French, Edward R., Ocean City, N. J. Floral piece. 141,236; May 15.
French, George F., R. French, and S. Warburton, Manchester, England. Cartridge belt link. 139,878; Jan. 2.
French, George F., R. French, and S. Warburton, Manchester, England. Cartridge belt link. 139,879; Jan. 2.
French, Henry C., Elm Grove, assignor to The Heil Co., Milwaukee, Wis. Transport vehicle. 141,736; July 3.
French, Roger: *See*—
French, G. F., French and Warburton.
Freshmeater Corporation: *See*—
Drogin, Martin M., assignor.
Fretz, Edward T., Sherman Oaks, assignor to Aard Company, Los Angeles, Calif. Baby rattle. 141,757; July 3.
Freund, Milan, and P. Neuberger, New York, N. Y. Writing paper or the like. 143,142; Dec. 11.
Friedman, Bernard V., Brooklyn, N. Y. Xylophone. 141,662; June 26.
Friedman, Bernard, Brooklyn, N. Y. Xylophone. 141,663; June 26.
Friedman, Joseph L., New York, N. Y. Combined handbag and cigarette case. 140,229; Feb. 6.
Friedman, Joseph L., New York, N. Y. Handbag frame. 140,546; Mar. 6.
Friedman, Philip, New York, N. Y. Man's shorts. 141,778; July 3.
Friedman, Theodore, New York, N. Y. Comb. 142,167; Aug. 14.
Friedman, Theodore, New York, N. Y. Frame for a hand mirror or magnifying glass. 142,168; Aug. 14.
Friedrich, Edward San Antonio, Tex. Game table. 141,884; July 31
Friend, Joseph, Los Angeles, Calif. Poker chip holder. 140,994; Apr. 24.
Frifari, Krussman & Fishel Inc.: *See*—
Philippe, Alfred, assignor.
Frischer, Joseph, Long Beach, N. Y. Plaited-embossed artificial leather fabric or the like. 140,475; Feb. 27.
Fritzner, Harald, Seattle, Wash. Step for flexible ladders. 140,324; Feb. 13.
Fromm, Edith, New York, N. Y., now by certificate of court Edith Neuhaus. Ejector fork. 141,635; June 19.
Frost, Homer A., Jr., Tucson, Ariz. Clock. 142,552; Oct. 16.
Frost, Ray T., assignor to Plas-Tex Corporation, West Hollywood, Calif. Straining funnel combination unit. 142,255; Aug. 21.
Fry, Benjamin W., University City, Mo. Vending machine. 141,438; June 5.
Fuller, Clarence W.: *See*—
Alexander, W. M., and Mayer, assignors.
Fuller, Daniel B., New York, N. Y. Textile fabric. 142,997; Nov. 27.
Fulton Company, The: *See*—
Thorp, Joel R., assignor.
Funderburk, Otis C., Weston, Mass. Smoker's stand. 143,205; Dec. 18.
Furman, Murray F., Brooklyn, assignor to Chesebrough Manufacturing Company, Consolidated, New York, N. Y. Jar or similar article. 142,517; Oct. 9.
Furst, Clifford A., New York, N. Y. Brooch or similar article. 142,553; Oct. 16.
Furst, Clifford A., New York, N. Y. Brooch or similar article. 142,554; Oct. 16.
Furst, Clifford A., New York, N. Y. Brooch or similar article. 142,555; Oct. 16.
Furst, Clifford A., New York, N. Y. Brooch or similar article. 142,556; Oct. 16.
Furth, Hertha: *See*—
Foster, Charles H.
Gabriel, Milan E., New York, N. Y. Picture frame or similar article. 141,947.
Gage, Nellie M., Dayton, Ohio. Luminous attachment for vehicle headlights. 140,171; Jan. 30.
Gaguski, Edward O., Baltimore, Md., assignor to Bendix Aviation Corporation, New York, N. Y. Housing for electrical apparatus. 142,475; Oct. 2.
Gallagher, William M., Oklahoma City, Okla. Compound tool. 141,321; May 22.
Gallaher, Edward B., assignor to Clover Manufacturing Co., Norwalk, Conn. Display stand for grinding wheels and similar articles. 143,066; Dec. 4.
Gallik, George A., Duluth, Minn. Altar card supporting frame. 142,300; Aug. 28.
Gambe, Frank, Brooklyn, N. Y. Collapsible music stand. 140,336; Feb. 13.
Gamblim, Fred L., Dora, Ala. Game board. 141,759; July 3.
Ganahl, Ethel C., San Antonio, Tex. Doll or similar article. 140,687; Mar. 27.
Gantwarg, Charles, assignor to Colonial Mfg. Co., Inc., New York, N. Y. Finger ring. 141,093; May 8.
Gantwarg, Charles, assignor to Colonial Mfg. Co., Inc., New York, N. Y. Finger ring. 143,297; Dec. 25.
Ganz, Rudolph, assignor to Youthform Dress Company, Zanesville, Ohio. Teapot. 141,814; July 10.
Ganz, Rudolph V., assignor to Shawnee Pottery Co., Zanesville, Ohio. Lady pig cookie jar or similar article. 140,172; Jan. 30.
Ganz, Rudolph V., assignor to Shawnee Pottery Co., Zanesville, Ohio. Cookie jar or similar article. 141,322; May 22.
Ganz, Rudolph V., assignor to Shawnee Pottery Co., Zanesville, Ohio. Condiment shaker or similar article. 141,323; May 22.
Ganz, Rudolph V., assignor to Shawnee Pottery Co., Zanesville, Ohio. Teapot or similar article. 141,324; May 22.
Ganz, Rudolph V., assignor to Shawnee Pottery Co., Zanesville, Ohio. Condiment shaker or similar article. 141,325; May 22.
Ganz, Rudolph V., assignor to Shawnee Pottery Co., Zanesville, Ohio. Condiment shaker or similar article. 141,339; May 22.
Ganz, Rudy V., assignor to Shawnee Pottery Co., Zanesville, Ohio. Water jug or similar article. 140,203; Jan. 30.
Garding, Edgar, Paynesville, Minn. Violin. 140,294; Feb. 6.
Gardner, Florinda, Los Angeles, Calif. Fingernail cleaning device. 141,113; May 8.
Garee, Hugh McM., Minerva, assignor to D. K. Harvey, doing business as Chic Pottery Company, Wellsville, Ohio. Savings bank. 141,260; May 15.
Garfinkle, Jerome, assignor to Youthform Dress Inc., New York, N. Y. Dress. 141,758; July 3.
Garibay, Joseph U., Montebello, Calif. Welding electrode holder. 140,630; Mar. 20.
Garner, John S., Darlington, S. C. Potato cutter. 142,026; Aug. 14.
Gartner, Emil H.: *See*—
Myers, L., and Gartner.
Gauvreau, Joseph E., assignor to E. F. Kemp, Inc., Somerville, Mass. Display cabinet. 141,237; May 15.
Gavaza, George V., Quincy, Mass. Faucet filter. 139,909; Jan. 2.
Geffner, Samuel H., New York, N. Y. Combined desk and blackboard. 142,850; Nov. 13.
Geis, Lester, New York, N. Y., and C. L. Metzler, Palisades Park, N. J., assignors to American Optical Company, Southbridge, Mass. Projector. 143,067; Dec. 4.

Gelinas, Ralph J., Cohasset, Mass., assignor to United-Rexall Drug Company. Card display box. 141,760; July 3.
Gelinas, Ralph J., Cohasset, Mass., assignor to United-Rexall Drug Company. Card display cabinet. 141,761; July 3.
Geluso, Sebastian J., assignor of one-half to H. M. Lawn, Brooklyn, N. Y. Combination collapsible baby's automobile and swing seat. 140,503; Mar. 6.
Gendron Wheel Company: *See*—
Rideout, John G., assignor.
General Fireproofing Company, The: *See*—
Brainard, G. C., and Loewy, assignors.
General Machinery Corporation: *See*—
Schurr, Otto E., assignor.
General Motors Corporation: *See*—
Blasell, La Verne R., assignor.
Jergenson, George A., assignor.
Markestein, John, assignor.
General Radio Company: *See*—
Eastham, Melville, assignor.
Genske, Hugh, Philadelphia, Pa., assignor to Sunset, Incorporated, Chicago, Ill. Bottle. 142,778; Nov. 6.
Gerbing, Willard E., Park Ridge, Ill. Powder compact. 140,115; Jan. 23.
Gerhardt, Andrew H., Skokie, and A. P. Schulz, Hinsdale, assignors to Electric Household Utilities Corporation, Chicago, Ill. Washing machine. 142,998; Nov. 27.
Gerhardt, Andrew H., Skokie, and A. P. Schulz, Hinsdale, assignors to Electric Household Utilities Corporation, Chicago, Ill. Combined ironing machine and stand. 143,298; Dec. 25.
Gerhardt, Andrew H., Skokie, and A. P. Schulz, Hinsdale, assignors to Electric Household Utilities Corporation, Chicago, Ill. Combined ironing machine, lap board, and stand. 143,299; Dec. 25.
Germanow-Simon Machine Co.: *See*—
Simon, Julius, assignor.
Gerson, Samuel L., Bridgeton, N. J. Plate. 142,851; Nov. 13.
Gerson, Samuel L., Millville, N. J. Tumbler. 143,206; Dec. 18.
Gerson, Samuel L., Millville, N. J. Ash tray. 143,300; Dec. 25.
Gerth, Ruth, New York, N. Y., assignor to King Leathers Incorporated, Indiana, Pa. Combined flexible billfold and change purse. 142,150; Aug. 14.
Giannini, Gabriel M., West Los Angeles, assignor to Autoflight Corporation, Burbank, Calif. Magnetic direction indicator. 140,794; Apr. 10.
Gibson, James E., Jr., High Point, N. C. Toy automobile. 141,022; Apr. 24.
Gibson, Marshall D., Webster Groves, Mo. Bacon press or similar article. 140,707; Apr. 3.
Gilbert, Everett Q., and L. F. Wahl, Richmond, Ind. Double end adjustable check gauge. 140,597; Mar. 20.
Gilbert, Henry, North Hollywood, assignor to Mission Hosiery Mills, Los Angeles, Calif. Perfume bottle. 142,999; Nov. 27.
Gilbert, Henry, North Hollywood, Calif., assignor to Bendix Aviation Corporation, South Bend, Ind. Mixing device. 143,301; Dec. 25.
Gilbert, Samuel: *See*—
Lerner, G. and Gilbert, assignors.
Gilbert, Samuel, and G. Lerner, Los Angeles, Calif. Toy wagon. 141,737; July 3.
Gilchrist, John E., assignor to Amatoy Corporation, Chicago, Ill. Child's bubble pipe or the like. 140,708; Apr. 3.
Gilchrist, Llewellyn, San Francisco, Calif. Kettle. 142,712; Oct. 30.
Gill, George H.: *See*—
Williams, Earl C., assignor.
Gillett, Jerome E., Superior, Wis. Card holder. 142,151; Aug. 14.
Gilliam, Albert H., Alameda, Calif. Toy horse. 141,523; June 12.
Gilly, Charles G.: *See*—
Post, George V., assignor.
Gilly, Mary V.: *See*—
Post, George V., assignor.
Gilmour, Alexander, Terre Haute, Ind. Electric holder or similar article. 141,065; May 1.
Ginsburg, Martin, Brooklyn, N. Y. Handbag. 140,173; Jan. 30.
Girard, Alexander H., Grosse Pointe, assignor to International Detrola Corporation, Detroit, Mich. Combination radio and phonograph cabinet. 142,637; Oct. 23.
Gits, Joseph A.: *See*—
Gits, Jules P. and J. A.
Gits, Jules P. and J. A. Chicago, Ill. Wall switch plate. 141,371; May 29.
Gits, Jules P. and J. A. Chicago, Ill. Wall switch plate. 141,392; May 29.
Glad, Jack, New York, N. Y. Dress. 143,068; Dec. 4.
Glad, Jack, New York, N. Y. Dress. 143,069; Dec. 4.
Glad, Jack, New York, N. Y. Dress. 143,070; Dec. 4.
Glad, Jack, New York, N. Y. Dress. 143,071; Dec. 4.
Gladstone, William D., New York, N. Y. Combination lighter and cigarette case. 141,684; June 26.
Glass, Henry D., Akron, assignor to Seiberling Latex Products Company, Barberton, Ohio. Playing ball. 141,546; June 12.
Glass, Henry P., Chicago, Ill. Toy storage chest. 140,590; Mar. 13.
Glass, Henry P., assignor to Ekco Products Company, Chicago, Ill. Knife rack. 141,956; Aug. 7.
Glass, Henry P., assignor to Ekco Products Company, Chicago, Ill. Knife rack. 141,957; Aug. 7.
Glass, Henry P., assignor to Ekco Products Company, Chicago, Ill. Knife rack. 141,958; Aug. 7.
Glass, Henry P., assignor to Ekco Products Company, Chicago, Ill. Knife rack. 141,959; Aug. 7.
Glass, Henry P., assignor to Ekco Products Company, Chicago, Ill. Knife rack. 141,960; Aug. 7.
Glass, Henry P., assignor to Ekco Products Company, Chicago, Ill. Merchandise display case. 142,027; Aug. 14.
Glass, Henry P., assignor to Ekco Products Company, Chicago, Ill. Merchandise display case. 142,028; Aug. 14.
Glass, Henry P., assignor to Ekco Products Company, Chicago, Ill. Merchandise display case. 142,029; Aug. 14.
Glass, Henry P., assignor to Ekco Products Company, Chicago, Ill. Merchandise display case. 142,256; Aug. 21.
Glassberg, Margaret, Los Angeles, Calif. Doll. 140,287; Feb. 6.
Glastal, Benjamin, New York, N. Y. Tieclasp. 141,738; July 3.
Glastal, Benjamin, New York, N. Y. Tieclasp. 141,739; July 3.
Glatthar, George E., University Heights, and J. Terr, Cleveland Heights, assignors to The Art Metal Company, Cleveland, Ohio. Ultraviolet sterilizer. 139,938; Jan. 2.
Glatthar, George E., University Heights, and J. Terr, Cleveland Heights, assignors to The Art Metal Company, Cleveland, Ohio. Ultraviolet sterilizer. 139,939; Jan. 2.
Glatthar, George E., University Heights, and J. Terr, Cleveland Heights, assignors to The Art Metal Company, Cleveland, Ohio. Ultraviolet sterilizer. 139,948; Jan. 9.
Glatthar, George E., University Heights, and J. Terr, Cleveland Heights, assignors to The Art Metal Company, Cleveland, Ohio. Ultraviolet sterilizer. 140,141; Jan. 30.
Gleason, Frederick E., assignor to Seattle Lighting Fixture Co., Seattle, Wash. Lighting fixture. 140,504; Mar. 6.
Glick, Gertrude J., Chicago, Ill. Handbag. 142,852; Nov. 13.
Glisch, Irwin M., E. J. McEachron, and N. R. Ariesan, Milwaukee, Wis. Pocket lighter. 140,975; Apr. 24.
Globe Company, The: *See*—
Bilek, Frank J., assignor.
Globe Milker, Inc.: *See*—
Thompson, E. B., and Estel, assignors.
Globe-Union Inc.: *See*—
Suter, George D., assignor.
Gluck, Joseph, New York, N. Y. Textile fabric. 142,853; Nov. 13.
Glukes, Bernard R., Los Angeles, Calif. Knife rack. 141,898; July 31.
Glukes, Bernard R., Los Angeles, Calif. Table. 142,211; Aug. 21.
Goble, Eddie L., Sherman, Tex. Robe. 141,008; Apr. 24.
Goddean, Guy F., assignor to Liquid Carbonic Corporation, Chicago, Ill. Gas saver. 143,302; Dec. 25.
Goggins, John R., Forest Junction, Wis. Sprinkler head base. 142,401; Sept. 25.
Gold, Ira: *See*—
Paul, Raymond, assignor.
Goldberg, Beatrice, Brooklyn, N. Y. Sun visor. 142,237; Aug. 21.
Goldberg, H.: *See*—
Badgley, Laurie C., assignor.
Siwek, S. Z., and Goldberg, assignors.
Goldberg, Harry: *See*—
Siwek, S. Z., and Goldberg.
Goldbert, Max L., New York, N. Y. Cigarette box, or similar article. 140,748; Apr. 3.
Goldbert, Max L., New York, N. Y. Letter opener or similar article. 141,875; July 31.
Golden State Ceramics: *See*—
Mader, Nona, assignor.
Golden, Zelma, New York, N. Y. Dress. 140,068; Jan. 16.
Golden, Zelma, New York, N. Y. Dress. 140,069; Jan. 16.
Golden, Zelma, New York, N. Y. Dress. 140,116; Jan. 23.
Golden, Zelma, New York, N. Y. Dress. 140,958; Apr. 24.
Golden, Zelma, New York, N. Y. Dress. 140,959; Apr. 24.
Golden, Zelma, New York, N. Y. Dress. 140,960; Apr. 24.
Golden, Zelma, New York, N. Y. Dress. 140,961; Apr. 24.
Golden, Zelma, New York, N. Y. Dress. 140,962; Apr. 24.
Golden, Zelma, New York, N. Y. Dress. 140,963; Apr. 24.
Golden, Zelma, New York, N. Y. Dress. 140,976; Apr. 24.

Golden, Zelma, New York, N. Y. Dress. 140,977; Apr. 24.
Golden, Zelma, New York, N. Y. Dress. 140,978; Apr. 24.
Golden, Zelma, New York, N. Y. Dress. 140,979; Apr. 24.
Golden, Zelma, New York, N. Y. Dress. 140,980; Apr. 24.
Golden, Zelma, New York, N. Y. Dress. 140,981; Apr. 24.
Golden, Zelma, New York, N. Y. Dress. 140,982; Apr. 24.
Golden, Zelma, New York, N. Y. Dress. 141,160; May 8.
Golden, Zelma, New York, N. Y. Dress. 142,397; Sept. 25.
Golden, Zelma, New York, N. Y. Dress. 142,398; Sept. 25.
Golden, Zelma, New York, N. Y. Dress. 142,399; Sept. 25.
Golden, Zelma, New York, N. Y. Dress. 142,400; Sept. 25.
Golden, Zelma, New York, N. Y. Dress. 142,402; Sept. 25.
Golden, Zelma, New York, N. Y. Dress. 142,403; Sept. 25.
Golden, Zelma, New York, N. Y. Dress. 142,779; Nov. 6.
Golden, Zelma, New York, N. Y. Dress. 142,854; Nov. 13.
Golden, Zelma, New York, N. Y. Dress. 142,855; Nov. 13.
Golden, Zelma, New York, N. Y. Dress. 142,856; Nov. 13.
Golden, Zelma, New York, N. Y. Dress. 142,857; Nov. 13.
Golden, Zelma, New York, N. Y. Jacket. 142,858; Nov. 13.
Golden, Zelma, New York, N. Y. Jacket. 142,953; Nov. 20.
Golden, Zelma, New York, N. Y. Dress. 143,000; Nov. 27.
Golden, Zelma, New York, N. Y. Dress. 143,303; Dec. 25.
Golden, Zelma, New York, N. Y. Dress. 143,304; Dec. 25.
Golden, Zelma, New York, N. Y. Dress. 143,305; Dec. 25.
Golden, Zelma, New York, N. Y. Jacket. 143,306; Dec. 25.
Golden, Zelma, New York, N. Y. Jacket. 143,307; Dec. 25.
Goldenstein, Philip, New York, N. Y. Scarf. 141,161; May 8.
Goldenstein, Philip, New York, N. Y. Scarf. 141,162; May 8.
Goldenstein, Philip, New York, N. Y. Scarf. 141,163; May 8.
Goldenstein, Philip, New York, N. Y. Scarf. 141,164; May 8.
Goldenstein, Philip, New York, N. Y. Scarf. 141,165; May 8.
Goldenstein, Philip, New York, N. Y. Scarf. 141,166; May 8.
Goldfrank, John, New York, N. Y. Embroidered trimming or the like. 142,068; Aug. 14.
Golding, Reuben, Portchester, N. Y. Radiator cover. 140,070; Jan. 16.
Goldinger Fabrics Co.: *See*— Park, Arthur Y., assignor.
Goldman, Alex, Brooklyn, assignor to Universal Fountain Pen & Pencil Company, New York, N. Y. Stylographic pen. 140,727; Apr. 3.
Goldman, Gloria, New York, N. Y. Hair clip or similar article. 142,476; Oct. 2.
Goldsmith Brothers Manufacturing Co., Inc.: *See*— Berkowitz, Victor, assignor.
Goldsmith, Michael D.: *See*— Worth, H., and Goldsmith.
Goldsmith, Morris: *See*— Bruneau, A. J., and Goldsmith.
Goodman, Harry, Britton, Okla. Air conditioning vaporiser. 142,363; Sept. 11.
Goodman, L. A., Manufacturing Company, et al.: *See*— Lumbard, Edward B., assignor.
Goodman, Louis A., et al.: *See*— Lumbard, Edward B., assignor.
Goodman, Tillye W., et al.: *See*— Lumbard, Edward B., assignor.
Goodrich, B. F., Company, The: *See*— Billingsley, William F., assignor.
Stackhouse, James H., assignor.
Stackhouse, J. H., and Brown, assignors.
Walker, George W., assignor.
Wydom, Herbert H., assignor.
Goodykoontz, Jane E., Kansas City, Mo. Observation car body. 140,209; Jan. 30.
Gordon, Catherine K., Chicago, Ill. Bottle. 140,842; Apr. 10.
Gordon, Mollie, assignor to Reuben Gordon Shoe Co. Inc., Philadelphia, Pa. Sandal. 141,114; May 8.
Gordon, Murray G., New York, N. Y. Cigarette case with transparent display windows. 142,334; Aug. 28.
Gordon, Reuben, Shoe Co., Inc.: *See*— Gordon, Mollie, assignor.
Gorham Manufacturing Company: *See*— Price, James R., assignor.
Goss Printing Press Company, The: *See*— Crafts, Curtis S., assignor.
Gostkowski, Bedri H., assignor to Universal Lighters Selling Company Ltd., Geneva, Switzerland. Cigar and cigarette lighter. 141,829; July 10.
Gotsch, Walter M., Company: *See*— Hauck, Marie F., assignor.
Gottlieb, David E., New York, N. Y. Dress. 140,584; Mar. 13.
Gottschalk, Rose, assignor to Edgar C. Hyman Co., New York, N. Y. Scarf. 140,660; Mar. 27.
Gottschalk, Rose, assignor to Edgar C. Hyman Co., New York, N. Y. Scarf. 140,661; Mar. 27.
Goudy, Rene: *See*— Swanson, E. E., and Goudy.
Gould, Raymond A., South Bend, Ind. Game board. 140,081; Jan. 23.
Graber, Philip, New York, N. Y. Coat. 141,830; July 10.
Graeter, Harold, Sherman, Conn., assignor to Cartier, Inc., New York, N. Y. Combined bracelet and watch. 142,713; Oct. 30.
Graham, Elizabeth N., New York, N. Y. Brassière. 141,575; June 12.
Graham, Elizabeth N., New York, N. Y. Jar or similar article. 141,762; July 3.
Graham, Roy F., assignor to Stok-A-Fire Company, Inc., University City, Mo. Stoker. 141,831; July 10.
Grammer, Allen L., Montclair, N. J. Mask or similar article. 140,377; Feb. 20.
Grammer, Allen L., Montclair, N. J. Doll or similar article. 140,709; Apr. 3.
Grand Specialties Company: *See*— Sagen, Anthony M., assignor.
Graninger, Fernleigh R.: *See*— Fairbairn, W. E., Graninger, and Millison.
Grant, Joseph C., Glendale, and R. M. Huemer, North Hollywood, Calif. Doll or similar article. 140,688; Mar. 27.
Graven, Nettie E., Wooster, Ohio. Teapot or similar article. 141,041; May 1.
Gray, Landon R.: *See*— Hufford, L. C., and Gray.
Green, Frederick E., Toppenish, Wash. Bottle carrier. 140,476; Feb. 27.
Green, Richard D., Nashville, Mich. Ice auger. 141,685; June 26.
Green, Robert O., New York, N. Y. Sheath or similar article. 140,346; Feb. 13.
Green, Robert O., New York, N. Y. Sheath or similar article. 140,347; Feb. 13.
Greenberg, Alexander, New York, N. Y. Wrist watch strap. 142,404; Sept. 25.
Greenberg, Fred, New York, N. Y. Dress. 142,405; Sept. 25.
Greenberg, Fred, New York, N. Y. Dress. 142,406; Sept. 25.
Greene, Clarence Kirk, North Hollywood, assignor to Tripplett & Barton Inc., Burbank, Calif. Pedestal for stamping machine. 143,207; Dec. 18.
Greene, David, assignor to Esmco Auto Products Corp., Brooklyn, N. Y. Towel rack. 141,779; July 3.
Greene, David, assignor to Esmco Auto Products Corp., Brooklyn, N. Y. Towel rack. 141,780; July 3.
Greenfield, Benjamin, New York, N. Y. Washable toy block or similar article. 141,340; May 22.
Greenwell, Robert H., Washington, D. C. Doll cradle. 141,009; Apr. 24.
Gregg, Jon, New Hope, Pa. Shoe sole or similar article. 140,174; Jan. 30.
Greppin, Ernest H., Brighton, assignor to Wilmot Castle Company, Rochester, N. Y. Lamp standard. 142,407; Sept. 25.
Gresen, Harry M.: *See*— Staub, L., Rittoff, and Gresen.
Grimsby, Anthony A., Bradford, Ontario, Canada. Combined sewing rack and pin-cushion. 142,477; Oct. 2.
Groff, Stella M., Santa Ana, Calif. Boudoir slipper. 142,780; Nov. 6.
Gronemeyer, Erich, Pompton Plains, assignor to Mack Molding Company, Incorporated, Wayne, N. J. Handle for brushes. 140,983; Apr. 24.
Gronemeyer, Erich, Pompton Plains, assignor to Mack Molding Company, Incorporated, Wayne, N. J. Handle for brushes. 140,995; Apr. 24.
Gronemeyer, Erich, Pompton Plains, assignor to Mack Molding Company, Incorporated, Wayne, N. J. Handle for brushes. 140,996; Apr. 24.
Gronemeyer, Erich, Pompton Plains, assignor to Mack Molding Company, Incorporated, Wayne, N. J. Handle for brushes. 140,997; Apr. 24.
Gronemeyer, Erich, Pompton Plains, assignor to Mack Molding Company, Incorporated, Wayne, N. J. Handle for brushes. 140,998; Apr. 24.
Gross, Katherine, Philadelphia, Pa. Lapel button or the like. 140,563; Mar. 13.
Grossman Music Company: *See*— Thompson, Josephus, assignor.
Groves & Ingram: *See*— Ingram, Thomas R., assignor.
Grube, Clifford E., Chicago, Ill., assignor to Belmont Radio Corporation. Combination radio-phonograph cabinet. 142,139; Aug. 14.
Grube, Clifford E., Chicago, Ill., assignor to Belmont Radio Corporation. Radio receiver cabinet. 142,140; Aug. 14.

Grube, Clifford E., Chicago, Ill., assignor to Belmont Radio Corporation. Radio receiver cabinet. 142,141; Aug. 14.
Grube, Clifford E., Chicago, Ill., assignor to Belmont Radio Corporation. Radio receiver cabinet. 142,142; Aug. 14.
Gruber, Abe, New York, N. Y. Coat. 140,036; Jan. 16.
Gruber, Abe, New York, N. Y. Suit. 140,037; Jan. 16.
Gruber, Abe, New York, N. Y. Suit. 140,038; Jan. 16.
Gruber, Abe, New York, N. Y. Coat. 140,191; Jan. 30.
Gruber, Abe, New York, N. Y. Suit. 140,266; Feb. 6.
Gruber, Abe, New York, N. Y. Suit. 140,463; Feb. 27.
Gruber, Abe, New York, N. Y. Suit. 140,689; Mar. 27.
Gruber, Abe, New York, N. Y. Suit. 141,273; May 15.
Gruber, Abe, New York, N. Y. Suit. 141,274; May 15.
Gruber, Abe, New York, N. Y. Suit. 141,275; May 15.
Gruber, Abe, New York, N. Y. Suit. 141,393; May 29.
Gruber, Abe, New York, N. Y. Suit. 141,394; May 29.
Gruber, Abe, New York, N. Y. Suit. 141,395; May 29.
Gruber, Abe, New York, N. Y. Suit. 141,396; May 29.
Gruber, Abe, New York, N. Y. Suit. 141,401; May 29.
Gruber, Abe, New York, N. Y. Suit. 141,402; May 29.
Gruber, Abe, New York, N. Y. Suit. 141,403; May 29.
Gruber, Abe, New York, N. Y. Coat. 141,404; May 29.
Gruber, Abe, New York, N. Y. Coat. 141,405; May 29.
Gruber, Abe, New York, N. Y. Coat. 141,406; May 29.
Gruber, Abe, New York, N. Y., Coat. 141,407; May 29.
Gruber, Abe, New York, N. Y. Coat. 141,408; May 29.
Gruber, Abe, New York, N. Y. Suit. 141,488; June 5.
Gruber, Abe, New York, N. Y. Coat. 141,489; June 5.
Gruber, Abe, New York, N. Y. Coat. 141,661; June 19.
Gruber, Abe, New York, N. Y. Coat. 141,662; June 19.
Gruber, Abe, New York, N. Y. Coat. 141,663; June 19.
Gruber, Abe, New York, N. Y. Coat. 141,664; June 19.
Gruber, Abe, New York, N. Y. Coat. 141,930; July 31.
Gruber, Abe, New York, N. Y. Coat. 141,931; July 31.
Gruber, Abe, New York, N. Y. Suit. 142,004; Aug. 7.
Gruber, Abe, New York, N. Y. Suit. 142,069; Aug. 14.
Gruber, Abe, New York, N. Y. Coat. 142,070; Aug. 14.
Gruber, Abe, New York, N. Y. Suit. 142,557; Oct. 16.
Gruber, Abe, New York, N. Y. Coat. 142,638; Oct. 23.
Gruber, Gilbert S., Somerville, assignor to National Carton & Label Corp., Boston, Mass. Bottle. 141,171; May 8.
Grundstrom, Oscar O. A., Rockford, Ill. Hammer head. 141,522; June 12.
Gruver, Dewey D., Little Rock, Ark. Game board. 142,212; Aug. 21.
Guglielmi, Victor, Leonia, N. J. Flexible band for a bracelet or similar article. 142,639; Oct. 23.
Guglielmi, Victor, Leonia, N. J. Flexible band for a bracelet or similar article. 142,640; Oct. 23.
Guglielmi, Victor, Leonia, N. J. Flexible band for a bracelet or similar article. 142,859; Nov. 13.
Guglielmi, Victor, Leonia, N. J. Flexible band for a bracelet or similar article. 143,001; Nov. 27.
Gulberson Diesel Engine Company: *See*— Lind, William E., assignor.
Guild, Willis T., Gulfport, Miss. Wheeled toy. 142,071; Aug. 14.
Gumb, Daniel E., Milwaukee, Wis. Helicopter motorcycle. 140,875; Apr. 17.
Gunder, Virgil L.: *See*— Yenni, W. H., and Gunder.
Gunther, Frederick F., assignor to Helmco, Inc., Chicago, Ill. Food warmer or similar article. 139,867; Jan. 2.
Gustafson, Knut L., Chicago, Ill. Spoon or similar article. 140,564; Mar. 13.
Guth, Joseph, Milwaukee, Wis. Airplane. 140,117; Jan. 23.
Guth, Stern & Co., Inc.: *See*— Lippincott, Joshua G., assignor.
Guttmann, Eric S., assignor to A. S., E. G., L. M., C. M., and L. Polan, Jr., a copartnership doing business as Zenith Optical Company, Huntington, W. Va. Calculator. 141,710; June 26.
Gutz, Raymond T.: *See*— Swainson, A., and Gutz.
Gutz, Raymond T., Park Ridge, and A. Swainson, assignors to Montgomery Ward & Co., Incorporated, Chicago, Ill. Croquet rack. 142,352; Sept. 11.
Haberman, Meyer, New York, N. Y. Ink well. 141,876; July 31.
Hack, Sidney, Jamaica Estates, Long Island, N. Y. Back for billfold or similar article. 140,710; Apr. 3.
Hacker, Fred A., Cranford, assignor to American Type Founders, Inc., Elizabeth, N. J. Plate making machine. 139,880; Jan. 2.
Haddock, John L., Compton, and S. Dixon, Long Beach, Calif. Sucker rod clamp. 142,558; Oct. 16.
Haggstrom, Arthur C., Rockford, assignor to W. A. Tratsch, Chicago, Ill. Game cabinet. 139,949; Jan. 9.
Haggstrom, Arthur C., Rockford, assignor to W. A. Tratsch, Chicago, Ill. Coin chute. 140,711; Apr. 3.
Haggstrom, Arthur C., Rockford, assignor to W. A. Tratsch, Chicago, Ill. Coin slide. 141,524; June 12.
Hagle, James B., South Bend, Ind. Seed measuring device. 141,686; June 26.
Hagloch, Henry I., Canton, and L. W. Rose, Sr., Dover, Ohio. Game board. 142,860; Nov. 13.
Hagopian, Charles H., New York, N. Y. Bubble device. 139,940; Jan. 2.
Haigh, Leslie B., West Orange, and F. A. Stearn, Westfield, N. J., assignors to Federal Telephone and Radio Corporation, New York, N. Y. Telephone jack bracket. 143,308; Dec. 25.
Haigh, Leslie B., West Orange, and F. A. Stearn, Westfield, N. J., assignors to Federal Telephone and Radio Corporation, New York, N. Y. Telephone jack bracket. 143,309; Dec. 25.
Halbert, Claude E., Kansas City, Mo. Game board. 142,318; Aug. 28.
Halbert, Claude E., Kansas City, Mo. Game board. 142,319; Aug. 28.
Hall Brothers, Incorporated: *See*— Keeney, Frances, assignor.
Hall, Theodore P., assignor to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Airplane. 142,861; Nov. 13.
Hall, Theodore P., assignor to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Airplane. 142,862; Nov. 13.
Hallman, Eric B., assignor to Electric Service Manufacturing Co., Philadelphia, Pa. Lighting fixture. 141,172; May 8.
Hallman, Eric B., assignor to Electric Service Manufacturing Co., Philadelphia, Pa. Vehicle signal light. 143,310; Dec. 25.
Halpern, Joseph, New York, N. Y. Two-piece hair ornament. 142,518; Oct. 9.
Halpern, Joseph, New York, N. Y. Two-piece hair ornament. 143,208; Dec. 18.
Halpern, William, Long Island, N. Y. Bracelet. 140,230; Feb. 6.
Halpern, William, Long Island, N. Y. Bracelet. 140,712; Apr. 3.
Hamburger, Adolf: *See*— Hamburger, William, assignor.
Hamburger, William, assignor of one-half to A. Hamburger, New York, N. Y. Fur lined shoulder pad for therapeutic purposes. 142,354; Sept. 11.
Hamer, Leland S., Long Beach, Calif. Pipe-line control fitting. 142,362; Sept. 11.
Hamer, Leland S., Long Beach, Calif. Fitting carrying pipe line control plate. 142,408; Sept. 25.
Hamer, Leland S., Long Beach, Calif. Fitting carrying pipe line control plate. 142,409; Sept. 25.
Hamilton, George E., assignor to Keystone View Company, Meadville, Pa. Picture projector. 140,348; Feb. 13.
Hamilton, Kenneth C., assignor to Milwaukee Lace Paper Company, Milwaukee, Wis. Place mat, or similar article. 141,279; May 15.
Hamilton, Kenneth C., assignor to Milwaukee Lace Paper Company, Milwaukee, Wis. Place mat or similar article. 142,411; Sept. 25.
Hamilton, Kenneth C., assignor to Milwaukee Lace Paper Company, Milwaukee, Wis. Place mat or similar article. 142,412; Sept. 25.
Hamilton, Lois R.: *See*— Collins, A. K., and Hamilton.
Hammerstein, Arthur, Palatine, Ill. Dispensing closure for salt cellars and the like. 142,410; Sept. 25.
Hammond, Robert S., Woodbury, N. J. Grave marker. 141,878; July 31.
Hammond, Robert S., Woodbury, N. J. Grave marker. 141,879; July 31.
Hammond, Willard M., Titusville, N. J. Grave marker. 141,877; July 31.
Hamrick, Willis J., Los Angeles, Calif. Cigarette lighter. 141,144; May 8.
Handler, Elliot, and H. R. Matson, Los Angeles, Calif. Miniature chair or similar article. 140,905; Apr. 17.
Handler, Elliot, and H. R. Matson, Los Angeles, Calif. Miniature sofa or similar article. 140,906; Apr. 17.
Hanington, Charles A., Freeport, N. Y. Curtain or the like. 140,907; Apr. 17.
Hanle, Benjamin W., Elizabeth, N. J. Penholder. 142,361; Sept. 11.
Hannevig, Christoffer, New York, N. Y. Ship or similar article. 140,275; Feb. 6.
Hannevig, Christoffer, New York, N. Y. Aircraft carrier. 140,505; Mar. 6.
Hannevig, Christoffer, New York, N. Y. Ship or similar article. 142,335; Aug. 28.
Hanscom, Alfred H., Chicago, Ill. Wheeled rocking horse or similar article. 139,950; Jan. 9.
Hansen, Edward H., assignor to Elkhart Brass Manufacturing Company, Elkhart, Ind. Fire extinguisher. 142,954; Nov. 20.
Hanson Scale Company: *See*— Chapman, Dave, assignor.
Hard Manufacturing Company: *See*— Doty, Boyd A., assignor.
Hardy, Charles W., New York, N. Y. Frame for a handbag. 142,413; Sept. 25.
Harmell, Jack: *See*— Raab, L., and Harmell.
Harmon, Simpson P., Albany, Ga. Bridge compact. 141,238; May 15.
Harper, Henry L., assignor to Aluminum Company of America, Pittsburgh, Pa. Tread plate. 140,623; Mar. 20.
Harper, Henry L., assignor to Aluminum Company of America, Pittsburgh, Pa. Tread plate. 140,624; Mar. 20.
Harper, Pearl, Los Angeles, Calif. Compact. 143,311; Dec. 25.

Harrington, Houston, Macon, Miss. Combination airplane and submarine. 143,313; Dec. 25.
Harriton, David M., New York, N. Y. Table. 143,312; Dec. 25.
Hart, Fred E., deceased, late of South Gate, Calif., by R. L. Hart, South Gate, Calif., executrix. Toothbrush holder. 143,314; Dec. 25.
Hart, Ruth L., executrix: *See*—
Hart, Fred E.
Harte, Richard, Williamstown, assignor to Ames Baldwin Wyoming Co., Parkersburg, W. Va. Hoe head. 140,565; Mar. 13.
Hartley, Harriet M., Davon, Conn. Bracelet or similar article. 142,414; Sept. 25.
Hartley, Richard A., North Hollywood, Calif., assignor to Adel Precision Products Corp. Slide viewer casing. 142,478; Oct. 2.
Hartmann Trunk Company: *See*—
Barton, George G., assignor.
Hartnett, Paul L., Leominster, Mass. Drape pullback. 141,365; May 29.
Hartnett, Paul L., Leominster, Mass. Drape festoon. 143,002; Nov. 27.
Harvey, Dana K., et al.: *See*—
Galee, Hugh McM., assignor.
Harvey, Wilfred, Leominster, Mass., assignor to Columbia Protextosite Co. Inc., Carlstadt, N. J. Comb. 140,928; Apr. 17.
Harvey, Wilfred, Leominster, Mass., assignor to Columbia Protextosite Co. Inc., Carlstadt, N. J. Comb. 140,929; Apr. 17.
Harvey, William P., Beckley, W. Va. Wheeled toy. 141,429; June 5.
Harvuot, Richard E.: *See*—
Hite, W. A., Harvuot, and Williams.
Haskins Manufacturing Company: *See*—
Anrister, Max, assignor.
Haskins, Robert, Jr., Garden City, and C. E. Barkalow, Floral Park, N. Y., assignors to Sperry Gyroscope, Inc. Indicating rotor case for gyro verticals. 139,881; Jan. 2.
Hat Corporation of America: *See*—
Maxwell, P. M., and Russy, assignors.
Hatchet, Glenn B., Tulsa, Okla. Marble runway toy. 143,315; Dec. 25.
Hathaway, Harlow H., Los Angeles, Calif. Device for growing garden plants or the like. 140,082; Jan. 23.
Hathaway, Harlow H., Los Angeles, Calif. Device for growing garden plants or the like. 140,083; Jan. 23.
Hatherell, George A., Roscoe, Calif. Game board. 140,768; Apr. 10.
Hauck, Marie F., assignor to Walter M. Gotsch Company, Chicago, Ill. House coat. 139,910; Jan. 2.
Hauck, Marie F., assignor to Walter M. Gotsch Company, Chicago, Ill. House coat. 139,911; Jan. 2.
Haughton Elevator Company, The: *See*—
Honnecker, Otto, assignor.
Hauser, Jon W.: *See*—
Reeves, H. M., and Hauser.
Hausner, Joseph: *See*—
Shaftel, S. J., and Hausner.
Haynes, Robert E., assignor to Don Roberto of California, Los Angeles, Calif. Wall bracket. 140,392; Feb. 20.
Heany, Frank P., Los Angeles, Calif. Combined whatnot shelf and mirror. 142,072; Aug. 14.
Hechler, Eric, Astoria, Long Island, N. Y. Earpiece for hearing aids. 141,071; May 1.
Heckman, Fred J.: *See*—
Marx, J. J., and Heckman.
Hedfield, Reynold T., Madison, Wis. Fish line reel. 141,979; Aug. 7.
Heidt, Fritz, New York, N. Y. Stand for flowers or the like. 140,769; Apr. 10.
Heike, Gustav A., Mondovi, Wis. Sign. 143,072; Dec. 4.
Heil Co., The: *See*—
French, Henry C., assignor.
Heinemann, Edward H., and L. J. Devlin, Los Angeles, assignors to Douglas Aircraft Company, Inc., Santa Monica, Calif. Transport airplane. 140,302; Feb. 6.
Heinning, Walter J., Buffalo, N. Y. Building siding unit or the like. 142,479; Oct. 2.
Heintz, Ralph M., Cleveland, assignor to Jack & Heintz, Inc., Bedford, Ohio. Clock. 140,816; Apr. 10.
Heintz, Ralph M., Cleveland, assignor to Jack & Heintz, Inc., Bedford, Ohio. Motor for operating movable parts of an airplane. 141,066; May 1.
Heintz, Ralph M., Cleveland, assignor to Jack & Heintz, Inc., Bedford, Ohio. Motor for operating movable parts of an airplane. 142,273; Aug. 21.
Heintz, Ralph M., Cleveland, assignor to Jack & Heintz, Inc., Bedford, Ohio. Engine starter. 143,316; Dec. 25.
Heirloom Needlework Guild, Inc.: *See*—
Stover, M. A. and W. P.
Helander, Lillian V. M., assignor to International Silver Company, Meriden, Conn. Spoon or other article of flatware. 140,749; Apr. 3.
Helander, Lillian V. M., assignor to International Silver Company, Meriden, Conn. Spoon or other article of flatware. 142,714; Oct. 30.
Helbein, William, New York, N. Y. Display case for wrist watches and the like. 139,882; Jan. 2.
Helfenbein, Richard C.: *See*—
Zabel, W. C. P., and Helfenbein.
Helfgott, Morris R., Brooklyn, N. Y. Back for a wallet or similar article. 141,042; May 1.
Helfgott, Morris R., Brooklyn, N. Y. Back for a wallet or similar article. 141,043; May 1.
Helfgott, Morris R., Brooklyn, N. Y. Back for a wallet or similar article. 141,044; May 1.
Heller Brothers Company: *See*—
Cline, George D., Jr., assignor.
Heller, Phillip, New York, N. Y. Brilliant cut diamond or similar article. 140,283; Feb. 6.
Hellman, Albert A., assignor to Meyer Lublin, Los Angeles, Calif. Lighter. 142,301; Aug. 28.
Helmco, Inc.: *See*—
Gunther, Frederick F., assignor.
Helwig, Arthur A., Chicago, Ill. Incinerator. 142,320; Aug. 28.
Helwig, William, Milwaukee, Wis. Ash tray. 141,179; May 8.
Hembree, Owen O., San Gabriel, Calif. Palm reading scale. 140,713; Apr. 3.
Henderson, Robert V., Toronto, Ontario, Canada. Combined calendar, letter opener, and ruler. 141,490; June 5.
Hendrix, Rex, Brooklyn, N. Y. Comb. 141,115; May 8.
Henkel, Andrew L., Chicago, Ill. Hand drill. 140,406; Feb. 20.
Henkel, Andrew L., Chicago, Ill. Hammer. 140,407; Feb. 20.
Henkel, Andrew L., Chicago, Ill. Hatchet. 140,408; Feb. 20.
Hentz, Eta, New York, N. Y. Dress. 142,336; Aug. 28.
Hentz, Eta, New York, N. Y. Dress. 142,337; Aug. 28.
Hentz, Eta, New York, N. Y. Combined belt and purse. 142,781; Nov. 6.
Hentz, Eta, New York, N. Y. Combined belt and purse. 142,782; Nov. 6.
Herbert, Edward J., Scarsdale, N. Y. Magnifying glass. 140,252; Feb. 6.
Herman, Robert S.: *See*—
Erger, Edward, assignor.
Hermanos, Selma L., New York, N. Y. Scarf or similar article. 142,169; Aug. 14.
Herrera, Edward A., Huntington, N. Y. Magazine rack. 140,566; Mar. 13.
Herrmann, Hans, Chicago, Ill. Lady's hat or the like 140,398; Feb. 20.
Herrmann, Hans, Chicago, Ill. Jacket. 140,477; Feb. 27.
Hershman, Stanley R., Los Angeles, Calif. Combination stamp holder, pad, and ink reservoir unit. 141,564; June 12.
Hervey, Lee, Mountain Lakes, N. J. Utility shelf or the like. 140,750; Apr. 3.
Herzog, Edgar R., Seattle, Wash. Cigarette roller. 142,559; Oct. 16.
Hess, Reiza J., and R. K. Sedgwick, Chicago, Ill. Hydraulic press. 141,667; June 19.
Hess, Reiza J., and R. K. Sedgwick, Chicago, Ill. Hydraulic press. 141,668; June 19.
Hettrick Manufacturing Company, The: *See*—
Smith, William L., assignor.
Heublein, G. F., & Bro, Inc.: *See*—
Kunett, Rudolph P., assignor.
Hewson, Isabel M., New York, N. Y. Doll. 141,072; May 1.
Hewson, William S., West Los Angeles, Calif. Automobile. 142,030; Aug. 14.
Hibbard, Hall L., West Los Angeles, and C. L. Johnson, Encino, assignors to Lockheed Aircraft Corporation, Burbank, Calif. Airplane. 140,795; Apr. 10.
Hieb, Herbert, Des Moines, Iowa. Toy farm implement. 142,359; Sept. 11.
Hieb, Herbert, Des Moines, Iowa. Toy farm implement. 142,360; Sept. 11.
Hiestand, Martha P., Princeton, Wis. House slipper. 142,282; Aug. 21.
High, Fred R., Attleboro, assignor to T. J. Holmes Co. Inc., Chartley, Mass. Atomizer. 140,598; Mar. 20.
Hill, Anne S., Verdi, Nev. Doll. 140,599; Mar. 20.
Hill, C. V., & Company, Inc.: *See*—
Hoffman, Cyrus F., assignor.
Hill, Chinneth, Victoria, Va. Submarine tank. 142,247; Aug. 21.
Hill, Gordon E., Sumner, Wash. Clothes hanger. 140,337; Feb. 13.
Hill, Gordon E., Sumner, Wash. Divided bar clothes hanger. 140,338; Feb. 13.
Hill-Shaw Company: *See*—
Ruhnke, Edward J., assignor.
Hiltenbrand, Frank X., Weehawken, N. J. Handbag. 140,547; Mar. 6.
Hiltenbrand, Frank X., Weehawken, N. J., assignor to Harry Rosenfeld Co. Handbag. 141,299; May 22.
Hiltenbrand, Frank X., Weehawken, N. J., assignor to Harry Rosenfeld Co., New York, N. Y. Handbag. 141,300; May 22.
Hiltenbrand, Frank X., Weehawken, N. J., assignor to Harry Rosenfeld Co. Handbag. 141,341; May 22.
Hiltenbrand, Frank X., Weehawken, N. J., assignor to Harry Rosenfeld Co., New York, N. Y. Handbag. 143,073; Dec. 4.
Hiltenbrand, Frank X., Weehawken, N. J., assignor to H. Rosenfeld Co., New York, N. Y. Handbag. 143,145; Dec. 11.

Hiltenbrand, Frank X., New York, N. Y. Handbag. 142,519; Oct. 9.
Hires, Charles E. Company, The: *See*—
Elkins, Vance V., assignor.
Hirsch, Max, New York, N. Y. Baby food warmer. 142,283; Aug. 21.
Hirsch, Stephen G., assignor to Ocean City Manufacturing Company, Philadelphia, Pa. Fishing reel frame. 141,815; July 10.
Hite, Walter A., Palos Verdes Estates, R. E. Harvuot, Inglewood, and D. H. Williams, Los Angeles, Calif., assignors to Interstate Aircraft and Engineering Corporation. Airplane. 140,284; Feb. 6.
Hite, Walter A., Palos Verdes Estates, R. E. Harvuot, Inglewood, and D. H. Williams, Los Angeles, Calif., assignors to Interstate Aircraft and Engineering Corporation. Airplane. 140,285; Feb. 6.
Hitzeman, Henry C., assignor to H. C. Hitzeman, H. C. Jeske, and H. E. Pease, Chicago, Ill. Target game board. 140,357; Feb. 13.
Hobbs, James M., Tucson, Ariz. Calculator. 143,146; Dec. 11.
Hobé, William W., New York, N. Y. Bracelet or similar article. 140,930; Apr. 17.
Hobé, William W., New York, N. Y. Bracelet or similar article. 140,931; Apr. 17.
Hobé, William W., New York, N. Y. Bracelet or similar article. 140,939; Apr. 24.
Hobé, William W., New York, N. Y. Brooch pin or similar article. 141,285; May 22.
Hobé, William W., New York, N. Y. Earring or similar article. 141,301; May 22.
Hobé, William W., New York, N. Y. Brooch pin or similar article. 141,302; May 22.
Hobé, William W., New York, N. Y. Brooch pin or similar article. 141,303; May 22.
Hobé, William W., New York, N. Y. Brooch pin or similar article. 141,304; May 22.
Hobé, William W., New York, N. Y. Bracelet or similar article. 141,342; May 22.
Hobé, William W., New York, N. Y. Brooch pin or similar article. 141,343; May 22.
Hobé, William W., New York, N. Y. Brooch pin or similar article. 141,344; May 22.
Hobé, William W., New York, N. Y. Bracelet or similar article. 141,366; May 29.
Hobé, William W., New York, N. Y. Brooch pin or similar article. 141,367; May 29.
Hobé, William W., New York, N. Y. Brooch pin or similar article. 141,368; May 29.
Hobé, William W., New York, N. Y. Bracelet or similar article. 141,369; May 29.
Hobé, William W., New York, N. Y. Brooch pin or similar article. 141,440; June 5.
Hobé, William W., New York, N. Y. Brooch pin or similar article. 141,441; June 5.
Hobé, William W., New York, N. Y. Bracelet or similar article. 141,442; June 5.
Hobé, William W., New York, N. Y. Bracelet or similar article. 141,443; June 5.
Hobé, William W., New York, N. Y. Bracelet or similar article. 141,444; June 5.
Hobé, William W., New York, N. Y. Bracelet or similar article. 141,445; June 5.
Hobé, William W., New York, N. Y. Bracelet or similar article. 141,446; June 5.
Hobé, William W., New York, N. Y. Brooch pin or similar article. 141,845; July 10.
Hobé, William W., New York, N. Y. Bracelet or similar article. 143,317; Dec. 25.
Hobé, William W., New York, N. Y. Brooch pin or similar article. 143,318; Dec. 25.
Hockery, John C., et al.: *See*—
Abraham, Ray, assignor.
Lucas, K. B., and Majewski, assignors.
Majewski, J. M., Jr., and Talge, assignors.
Talge, Henry J., assignor.
Talge, H. J., and Martyr.
Hodge, G. Howard, New York, N. Y. Hat. 140,528; Mar. 6.
Hodges, Frederick R., Chicago, Ill. Vigil glass. 142,520; Oct. 9.
Hodges, Vera C., Los Angeles, Calif. Starter. 142,199; Aug. 14.
Hoffman, Cyrus F., assignor to C. V. Hill & Company, Inc., Trenton, N. J. Self-service display case. 142,073; Aug. 14.
Hoffmann, Edward C., St. Louis, Mo. Pencil sharpener. 142,863; Nov. 13.
Hoffmann, Jean F., Los Angeles, Calif. Textile fabric. 141,939; July 31.
Hohnecker, Otto, assignor to The Haughton Elevator Company, Toledo, Ohio. Escalator balustrade. 140,600; Mar. 20.
Holland, Albert, Lansing, Mich. Grate. 143,003; Nov. 27.
Holland Furnace Company: *See*—
Curtis, Stanley, assignor.
Lindeman, Marvin C., assignor.
Weyenberg, H., and Quist, assignors.
Holland, Robert L., and W. F. Nessen, assignors to Holland & Small, Chicago, Ill. Toilet kit or the like. 141,980; Aug. 7.
Holland, Robert L., and W. F. Nessen, assignors to Holland & Small, Chicago, Ill. Container for cooking utensils, food, or the like. 142,415; Sept. 25.
Holland & Small: *See*—
Holland, R. L., and Nessen, assignors.
Hollander, Charlotte E., Baton Rouge, La. Spanish doll souvenir tea bell. 141,636; June 19.
Hollengreen, Milburn A.: *See*—
Price, D. F., Balsiger, and Hollengreen.
Holley, Robert, Penfield Downs, Pa., assignor to Radio Corporation of America. Electron microscope. 141,832; July 10.
Holley, Robert, Penfield Downs, Pa., assignor to Radio Corporation of America. Instrument case. 143,319; Dec. 25.
Hollmann, Hubert, Rivert Forest, Ill., and W. G. Van Voorhis, Columbus, assignors to The Buckeye Traction Ditcher Company, Findlay, Ohio. Excavating machine frame. 140,591; Mar. 13.
Hollywood Gift and Novelty Co. Inc.: *See*—
Bloom, Alvin D., assignor.
Holmes, T. J., Co., Inc.: *See*—
High, Fred R., assignor.
Holmes & Zucker, Inc.: *See*—
Duhan, Ethel R., assignor.
Holophane Company, Inc.: *See*—
Lippincott, Joshua G., assignor.
Holt, William E., Oakland, Calif. Floor maintenance machine. 142,416; Sept. 25.
Holzworth, Lauriene T., et al.: *See*—
Du Bois, Joseph E., assignor.
Homme, Frank, Parshall, N. Dak. Tire tool or similar article. 140,908; Apr. 17.
Honeycutt, Joseph W., Kannapolis, N. C. Tax form device. 142,238; Aug. 21.
Honeywell, Annette, Los Angeles, Calif. Textile fabric. 142,560; Oct. 16.
Hoop, Philip E., Jr., Shelbyville, assignor to Kerkling & Company, Bloomington, Ind. Pneumatic hammer. 142,143; Aug. 14.
Hooven, Howard, Doylestown, assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth. 140,418; Feb. 27.
Hooven, Howard, Doylestown, assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth. 140,419; Feb. 27.
Hooven, Howard, Doylestown, assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth. 140,420; Feb. 27.
Hooven, Howard, Doylestown, assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth. 140,421; Feb. 27.
Hooven, Howard, Doylestown, assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth. 140,422; Feb. 27.
Hooven, Howard, Doylestown, assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth. 140,423; Feb. 27.
Hooven, Howard, Doylestown, assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth. 140,424; Feb. 27.
Hooven, Howard, Doylestown, assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth. 142,074; Aug. 14.
Hooven, Howard, Doylestown, assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth. 142,075; Aug. 14.
Hooven, Howard, Doylestown, assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth. 142,076; Aug. 14.
Hopfenberg, Irving J., Providence, R. I. Collar holder. 141,763; July 3.
Hopkins, Frank, Stony Creek, Conn. Figurine. 140,865; Apr. 10.
Hopkins, Kenneth A.: *See*—
Walker, G. W., and Hopkins.
Hopkins, Norris E., Chicago, Ill. Scoop or similar article. 142,480; Oct. 2.
Hork, William B., and E. P. Seaberg, Chicago, Ill. Pin cushion. 141,173; May 8.
Horowitz, Alex, Binghamton, N. Y. Rocking toy or similar article. 142,257; Aug. 21.
Horowitz, Benjamin, assignor to Morris Distributing Company, Inc., Binghamton, N. Y. Hobbyhorse. 140,714; Apr. 3.
Horsley, James H., assignor to Park Sherman Co., Inc., Chicago, Ill. Lighter case or similar article. 140,349; Feb. 13.
Horton, Myer B., New York, N. Y. Display stand or similar article. 143,320; Dec. 25.
Hotstream Heater Company, The: *See*—
Morrow, Clarence H., assignor.
Hove, Gaylord R., New Hampton, Iowa. Knife holder. 141,565; June 12.
Hovey, C. Earl: *See*—
Baldwin, Curtis C., assignor.
Bloomfield, Samuel, assignor.
Maultsby, John D., Jr., assignor.
Hovey, C. Earl, trustee: *See*—
Dunn, Helen, assignor.
Hoy Equipment Co.: *See*—
Hoy, Frank H., assignor.
Hoy, Frank H., assignor to Hoy Equipment Co., Milwaukee, Wis. Meat mold cover or similar article. 140,093; Jan. 23.

Hoy, Frank H., assignor to Hoy Equipment Co., Milwaukee, Wis. Meat mold or similar article. 140,094; Jan. 23.
Hoyer, Arnold Z., Conshohocken, Pa., assignor to Kimble Glass Company, Vineland, N. J. Thermohydrometer. 140,601; Mar. 20.
Hubbard, Marion L., Carmel, N. Y. Teacup. 143,321; Dec. 25.
Huber, Earl B., assignor to Bettercraft Company, Chicago, Ill. Display board. 141,305; May 22.
Huemer, Richard M.: *See*—
Grant, J. C., and Huemer.
Huff, Basil D., New York, assignor to Knight Slipper Mfg. Corp., Brooklyn, N. Y. Insole for a shoe. 142,152; Aug. 14.
Huff, Basil D., New York, assignor to Knight Slipper Mfg. Corp., Brooklyn, N. Y. Insole for a shoe. 142,153; Aug. 14.
Hufford, Lewis C. and L. R. Gray, Redondo Beach, Calif. Combined barbecue grill, griddle and grate. 141,370; May 29.
Huffschmidt, Robert E., Portland, Oreg. Furnace grate. 141,372; May 29.
Hughes, Joseph W., Southgate, London, England. Golf tee. 142,521; Oct. 9.
Humphries, Paul D., Winter Haven, Fla. Comb cleaner. 140,728; Apr. 3.
Hunter, Edgar H., Cambridge, Mass. Table. 143,004; Nov. 27.
Hunter, Edgar H., Cambridge, Mass. Chair. 143,005; Nov. 27.
Huppert, William, New York, N. Y. Electrical outlet. 141,397; May 29.
Hussey, Chester L., Belchertown, Mass., assignor to Savage Arms Corporation, Utica, N. Y. Bicycle frame or the like. 142,522; Oct. 9.
Hussman-Ligonier Company: *See*—
Davis, Russell E., assignor.
Hutchison, Miller R., Jr., assignor to Eastman Kodak Company, Rochester, N. Y. Camera. 140,909; Apr. 17.
Huth, Charles L., Woodside, N. Y. Pull toy. 142,154; Aug. 14.
Hyde, Donald B., Newton, Mass. Birdhouse unit. 140,175; Jan. 30.
Hyde, Donald B., Newton, Mass. Combined bird shelter and feeding station. 142,561; Oct. 16.
Hydraulic Development Corporation, Inc., The: *See*—
Lindsey, Robert J., assignor.
Hyman, Charles H., assignor to J. H. Bergman, New York, N. Y. Toy phonograph. 142,344; Aug. 28.
Hyman, Edgar C., Co.: *See*—
Gottschalk, Rose, assignor.
Hyster Company: *See*—
Johnson, George V., assignor.
Shoemaker, Robert C., assignor.
Zwald, Adolph, assignor.
Ideal Novelty & Toy Co.: *See*—
Drescher, Theodore O., assignor.
Szrajer, Mieczyslaw, assignor.
Ignall, Theodore J., Great Neck, assignor to Etched Products Corporation, Long Island City, N. Y. Perpetual calendar. 140,313; Feb. 13.
Ikelheimer, Irwin M., New York, N. Y. Corner piece for containers. 141,940; July 31.
Illinois Watch Case Co.: *See*—
Muller-Munk, Peter, assignor.
Teague, Walter D., assignor.
Imberman, Jonas F., Los Angeles, Calif. Face guard for sewing machine operators. 142,864; Nov. 13.
Independent Lock Company: *See*—
Wehle, Charles H., assignor.
Ingersoll, Fred M., Boston, Mass., assignor to McCray Refrigerator Company, Kendallville, Ind. Merchandise display cabinet. 142,865; Nov. 13.
Ingersoll Limited: *See*—
Nutter, R. T., and Lord, assignors.
Ingle, John J., Colville, Wash. Dental press. 143,074; Dec. 4.
Ingram, Thomas R., Glen Ellyn, assignor to Groves & Ingram, Chicago, Ill. Slipper or similar article. 140,325; Feb. 13.
Ingwer, Carl H., Elyria, Ohio. Pipe cutting tool. 143,075; Dec. 4.
Ingwer, Max, assignor to Consolidated Sewing Machine & Supply Co., Inc., New York, N. Y. Sewing machine vise. 140,932; Apr. 17.
Ingwer, Max, assignor to Consolidated Sewing Machine & Supply Co., Inc., New York, N. Y. Chalk marker 140,983; Apr. 24.
International Association of Lions Clubs: *See*—
Jones, Melvin, assignor.
International Detrola Corporation: *See*—
Girard, Alexander H., assignor.
International Plastic Corporation: *See*—
Preble, Harry, Jr., assignor.
International Silver Company: *See*—
Helander, Lillian V. M., assignor.
International Standard Electric Corporation: *See*—
Deakin, Gerald, assignor.
McLarn, E. S., and Kolmes, assignors.
Interstate Aircraft and Engineering Corp.: *See*—
Schuler, Carl J., assignor.
Sloan, Donald L., assignor.
Interstate Aircraft and Engineering Corporation: *See*—
Rite, W. A., Harvuot, and Williams, assignors.
Inverne, Harry, assignor to Barberry Fashions, Inc., New York, N. Y. Detachable collar. 139,997; Jan. 9.
Ireys, Meredith S., Lancaster, Pa. Bottle or similar article. 140,210; Jan. 30.
Irvine, Charles R.: *See*—
Fontaine, A. P., and Irvine.
Irwin Corporation: *See*—
Peruggi, Ernest, assignor.
Irwin, Neel S., Cleveland Heights, Ohio. Sectional display table unit. 141,547; June 12.
Isbell, Vernon M., Fort Worth, Tex. Shampoo basin. 140,095; Jan. 23.
Isgrig, Glenn W., Cincinnati, Ohio. Projectile-dropping bomb-sight toy. 141,207; May 15.
Israel, George L., Chicago, Ill. Camera. 141,846; July 10.
Jack & Heintz, Inc.: *See*—
Cavanagh, Gerald F., assignor.
Heintz, Ralph M., assignor.
Jackson, Brice L., East Orange, N. J. Ash tray or similar article. 141,992; Aug. 7.
Jacobson, Alfred M., Houston, Tex. Clothespin. 140,443; Feb. 27.
Jacobson, Alfred M., Houston, Tex. Can opener. 140,631; Mar. 20.
Jacobson, Alfred M., Houston, Tex. Clothespin. 140,729; Apr. 3.
Jacobson, Alfred M., Houston, Tex. Combined air vent and fluid outlet can punch. 141,239; May 15.
Jacobson, Alfred M., Houston, Tex. Bottle carrier. 142,783; Nov. 6.
Jacobson, Louis, New York, N. Y. Eyeglass frame. 140,253; Feb. 6.
Jacobson, Louis, New York, N. Y. Eyeglass frame. 140,690; Mar. 27.
Jakopets, Gyurd E. B., Chicago, Ill. Permutation padlock. 142,481; Oct. 2.
Jakosky, John J., Los Angeles, Calif. Golf club head. 140,892; Apr. 17.
Jakosky, John J., Los Angeles, Calif. Golf club head. 140,893; Apr. 17.
Jamieson, William, Minneapolis, Minn. Game board. 141,880; July 31.
Jankas, Anton P., Chicago, Ill. Tie rack or similar article. 142,031; Aug. 14.
Jansky, Charles G., Riverside, assignor to Bee-Jay Products Company, Chicago, Ill. Figure toy. 141,525; June 12.
Jaques, John C., Denison, Tex. Quick-way cable take-up. 141,922; July 31.
Jasper Desk Company: *See*—
Daniels, Elmer H., assignor.
Jasper, Lane, South Pasadena, Calif. Game board. 142,348; Aug. 28.
Jenkins, Clarke, Detroit, Mich. Game board. 140,910; Apr. 17.
Jenkins, Frances R., Baxter Springs, Kans. Doll. 142,213; Aug. 21.
Jensen, Volmer S., Glendale, assignor to California Aero Glider Co., Inc., Los Angeles, Calif. Glider airplane. 139,998; Jan. 9.
Jergenson, George A., assignor to General Motors Corporation, Detroit, Mich. Railway car body. 143,322; Dec. 25.
Jergenson, George A., assignor to General Motors Corporation, Detroit, Mich. Railway car body. 143,323; Dec. 25.
Jergenson, George A., assignor to General Motors Corporation, Detroit, Mich. Railway car. 143,324; Dec. 25.
Jerry, Carl R., Rochester, assignor to Shuron Optical Company, Inc., Geneva, N. Y. Spectacle case. 140,142; Jan. 30.
Jeske, Harold C., et al.: *See*—
Hitzeman, Henry C., assignor.
Joesting, Harry F.: *See*—
Le Claire, Eugene J., assignor.
Johann, Albert S., Milwaukee, Wis. Sheet metal repair hammer. 141,566; June 12.
Johannsen, Udo K., assignor to The Brewer-Titchener Corporation, Cortland, N. Y. Portable foldable grill. 142,866; Nov. 13.
Johanson, Sten: *See*—
Case, P. H., and Johanson.
John, Edward T., Minneapolis, Minn. Extension ladder hook. 141,553; June 12.
Johnson, Alice M., New York, N. Y. Brooch or similar article. 142,077; Aug. 14.
Johnson, Alice M., New York, N. Y. Brooch or similar article. 142,078; Aug. 14.
Johnson, Alice M., New York, N. Y. Brooch or similar article. 142,079; Aug. 14.
Johnson, Alice M., New York, N. Y. Brooch or similar article. 142,080; Aug. 14.
Johnson, Alice M., New York, N. Y. Brooch or similar article. 142,081; Aug. 14.
Johnson, Alice M., New York, N. Y. Brooch or similar article. 142,082; Aug. 14.
Johnson, Alice M., New York, N. Y. Brooch or similar article. 142,083; Aug. 14.
Johnson, Alice M., New York, N. Y. Brooch or similar article. 142,084; Aug. 14.
Johnson, Alice M., New York, N. Y. Brooch or similar article. 142,085; Aug. 14.

Johnson, Alice M., New York, N. Y. Brooch or similar article. 142,086; Aug. 14.
Johnson, Alice M., New York, N. Y. Clip or similar article. 142,087; Aug. 14.
Johnson, Alice M., New York, N. Y. Clip or similar article. 142,088; Aug. 14.
Johnson, Clarence K., assignor to Electric Steel Foundry, Portland, Oreg. Pintle chain. 141,712; June 26.
Johnson, Clarence K., assignor to Electric Steel Foundry, Portland Oreg. Pintle chain. 141,713; June 26.
Johnson, Clarence L.: *See*—
Hibbard, H. L., and Johnson.
Johnson, Eugene L., Jr., Utica, N. Y., assignor to Utica Drop Forke & Tool Corporation. Pair of pliers or similar article. 142,867; Nov. 13.
Johnson, George V., assignor to Hyster Company, Portland, Oreg. Vehicle-mounted crane. 140,662; Mar. 27.
Johnson, George V., assignor to Willamette Hyster Company, Portland, Oreg. Industrial truck. 142,641; Oct. 23.
Johnson, Herbert S., Chicago, Ill. Combined picture frame and what-not or similar article. 140,118; Jan. 23.
Johnson, Mead, & Company: *See*—
Windbiel, Joseph C., assignor.
Johnson, Myron A. C., Coral Gables, Fla. Salt shaker or similar article. 140,339; Feb. 13.
Johnson, Myron A. C., Coral Gables, Fla. Bottle opener. 141,816; July 10.
Johnson, Myron A. C., Coral Gables, Fla. Combination bottle cap remover and cork screw. 141,817; July 10.
Johnson, Ripley A., Los Angeles, Calif. Popcorn vending stand. 141,711; June 26.
Johnson, Walfred, Racine, Wis. Mailbox. 140,425; Feb. 27.
Johnson, Wally, Los Angeles, Calif. Knitted skirt. 140,119; Jan. 23.
Johnson, William B., Easley, S. C. Closure cap. 141,764; July 3.
Johnston, Joseph E., Alamosa, Colo. Peg for holding vines upon the soil. 140,295; Feb. 6.
Johnston, Robert A., Company: *See*—
Romadka, John, assignor.
Jones, Arthur E., assignor to Posture Research Corporation, Elkhart, Ind. Chair. 142,239; Aug. 21.
Jones, Dwight C., Whittier, assignor to Zephyr Manufacturing Co., Inglewood, Calif. Cigarette lighter. 142,784; Nov. 6.
Jones, George W., assignor to A. C. Mfg. Co., Van Nuys, Calif. Portable barbecue or similar article. 142,417; Sept. 25.
Jones, George W., assignor to A. C. Mfg. Co., Van Nuys, Calif. Portable barbecue or similar article. 142,418; Sept. 25.
Jones, James R., Lakewood, assignor to Art Metal Construction Company, Jamestown, N. Y. Adjustable swivel chair or analogous article. 140,464; Feb. 27.
Jones, James R., Lakewood, assignor to Art Metal Construction Company, Jamestown, N. Y. Adjustable office chair or analogous article. 140,478; Feb. 27.
Jones, John S., St. Louis, Mo. Finger support for manicuring operations. 140,254; Feb. 6.
Jones, Joseph F., Cortland, N. Y. Child's aerovelocipede. 142,089; Aug. 14.
Jones, Joseph H., Detroit, Mich. Amusement device. 142,562; Oct. 16.
Jones, Melvin, assignor to International Association of Lions Clubs, Chicago, Ill. Charm or the like. 139,941; Jan. 2.
Jones, Melvin, assignor to International Association of Lions Clubs, Chicago, Ill. Charm or the like. 139,942; Jan. 2.
Jones, Ralph W., St. Paul, Minn. Wheeled toy. 141,174; May 8.
Jones, Theodore C., Louisville, Ky. Electrolytic water purifier. 141,765; July 3.
Jordan, Doris: *See*—
Poggi, A., Jordan, and Chuka.
Jordan, Eugene P., Los Angeles, Calif. Valve housing for water softeners. 140,770; Apr. 10.
Jordan, Lawrence B., Portland, Oreg. Bandana. 140,691; Mar. 27.
Josephson, Archie: *See*—
Sharp, Ewing L., assignor.
Joyce, William H., Hollis, N. Y. Bottle and can opening tool. 140,817; Apr. 10.
Joyce, William J., Sturbridge, assignor to American Optical Company, Southbridge, Mass. Pair of spectacles. 140,606; Mar. 6.
Judd, Clifford W., Rochester, N. Y. Toy. 142,321; Aug. 28.
Judd, Clifford W., Rochester, N. Y. Toy. 142,322; Aug. 28.
Judd, Clifford W., Rochester, N. Y. Toy. 142,323; Aug. 28.
Judd, Clifford W., Rochester, N. Y. Toy. 142,324; Aug. 28.
Judd, Clifford W., Rochester, N. Y. Toy. 142,325; Aug. 28.
Judell, Julius S., Shorewood, Wis. Spout or similar article for plumbing fixtures. 140,692; Mar. 27.
Judell, Julius S., Shorewood, Wis. Casing or similar article for plumbing fixtures. 140,693; Mar. 27.
Jueiss, David, Brooklyn, N. Y., assignor to American Lead Pencil Company, Hoboken, N. J. Nib section for a fountain pen. 142,170; Aug. 14.
Jufe, Bernard, New York, N. Y. Chair or similar article. 140,751; Apr. 3.
Jung, Albert H., Flushing, assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container cap. 140,176; Jan. 30.
Jung, Henry J., Milwaukee, Wis. Earring or similar article. 142,144; Aug. 14.
Jung, Henry J., Milwaukee, Wis. Finger ring. 142,868; Nov. 13.
Jury, Albert E., Clearfield, Pa. Rocking horse. 142,346; Aug. 28.
Kahn, David, Englewood, assignor to David Kahn, Inc., North Bergen, N. J. Fountain pen. 141,588; June 12.
Kahn, David, Inc.: *See*—
Kahn, David, assignor.
Kaiser, John, Jr., Cicero, assignor to Sheridan Electronics Corporation, Chicago, Ill. Coffee maker. 140,444; Feb. 27.
Kaiser, Robert A.: *See*—
Kartvell, A., and Kaiser, assignors.
Kalamazoo Stove and Furnace Company: *See*—
Daming, Roy E., assignor.
Kalina, Saul, and I. Kamens, New York, N. Y. Finger ring or similar article. 140,177; Jan. 30.
Kallsz, Steve, Chicago, Ill. Toy whistling windmill. 142,563; Oct. 16.
Kamens, Irving: *See*—
Kalina, S., and Kamens.
Kantor, Norman E., New York, N. Y. Combined ash tray and cigarette server, or the like. 143,325; Dec. 25.
Kaphan, Ludwig, Brooklyn, N. Y. Handbag. 141,208; May 15.
Kaphan, Ludwig, Brooklyn, N. Y. Handbag. 142,482; Oct. 2.
Kapteyn, Edwin J., Los Angeles, Calif. Combined heel and platform for a shoe or similar article. 139,951; Jan. 9.
Karlin, Samuel A., Chicago, Ill. Inlay puzzle plaque. 141,740; July 3.
Karoff, Robert B., New York, N. Y. Combined display containers and bottles. 141,240; May 15.
Karp, Jack, Brooklyn, N. Y. Shoe protector. 141,741; July 3.
Karp, Sol, New York, N. Y Coat or similar article. 143,209; Dec. 18.
Karp, Sol, New York, N. Y. Coat or similar article. 143,210; Dec. 18.
Karpfen, Alfred, New York, N. Y. Doll. 140,585; Mar. 13.
Karstadt, Clarence, Chicago, Ill., assignor to Birtman Electric Company. Electric sadiron. 140,096; Jan. 23.
Karstadt, Clarence, Glen Ellyn, Ill., assignor to Birtman Electric Company. Sadiron. 141,456; June 5.
Kartvell, Alexander, Huntington Station, and R. A. Kaiser, Bayside, Long Island, N. Y., assignors to Republic Aviation Corporation. Airplane. 142,955; Nov. 20.
Kather, Alfred C., Sioux City, Iowa. Propeller blade. 141,209; May 15.
Katz, Abraham M., Freeport, N. Y. Blouse. 140,267; Feb. 6.
Katz, Abraham M., Freeport, N. Y. Dress. 142,869; Nov. 13.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch. 140,014; Jan. 16.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch pin. 140,015; Jan. 16.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch pin. 140,016; Jan. 16.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch pin. 140,017; Jan. 16.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch pin. 140,018; Jan. 16.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch pin. 140,019; Jan. 16.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch pin. 140,020; Jan. 16.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring. 140,021; Jan. 16.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Pin clip. 140,143; Jan. 30.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch. 140,326; Feb. 13.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch. 140,602; Mar. 20.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring. 140,603; Mar. 20.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch pin. 140,604; Mar. 20.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch pin. 140,605; Mar. 20.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch pin. 140,606; Mar. 20.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch pin. 140,607; Mar. 20.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch pin. 140,608; Mar. 20.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring. 140,609; Mar. 20.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch pin. 140,940; Apr. 24.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch pin. 140,941; Apr. 24.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch pin. 140,942; Apr. 24.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch pin or similar article. 140,943; Apr. 24.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch pin or similar article. 140,944; Apr. 24.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch pin or similar article. 140,945; Apr. 24.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch pin or similar article. 140,946; Apr. 24.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch pin or similar article. 140,947; Apr. 24.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Bracelet. 140,948; Apr. 24.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch pin. 140,949; Apr. 24.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch pin. 140,950; Apr. 24.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch pin. 140,951; Apr. 24.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch pin or similar article. 140,952; Apr. 24.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch pin or similar article. 140,999; Apr. 24.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch pin. 141,045; May 1.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch. 141,073; May 1.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch. 141,116; May 8.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch pin. 141,117; May 8.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch. 141,118; May 8.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch pin. 141,119; May 8.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch. 141,120; May 8.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch. 141,121; May 8.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Bracelet. 141,122; May 8.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch or similar article. 141,180; May 8.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch or similar article. 141,290; May 8.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch or similar article. 141,345; May 22.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch or similar article. 141,346; May 22.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch or similar article. 141,347; May 22.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch or similar article. 141,348; May 22.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 141,457; June 5.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 141,467; June 5.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 141,468; June 5.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 141,469; June 5.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 141,470; June 5.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 141,637; June 19.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 141,687; June 26.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 141,961; Aug. 7.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 142,183; Aug. 14.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 142,184; Aug. 14.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 142,185; Aug. 14.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 142,186; Aug. 14.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 142,187; Aug. 14.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 142,188; Aug. 14.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 142,189; Aug. 14.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 142,190; Aug. 14.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Clip or similar article. 142,191; Aug. 14.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Clip or similar article. 142,192; Aug. 14.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring or similar article. 142,193; Aug. 14.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Clip or similar article. 142,200; Aug. 14.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 142,201; Aug. 14.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 142,214; Aug. 21.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring or similar article. 142,419; Sept. 25.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 142,420; Sept. 25.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 142,421; Sept. 25.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 142,422; Sept. 25.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 142,423; Sept. 25.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 142,483; Oct. 2.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Bracelet or similar article. 142,564; Oct. 16.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Bracelet or similar article. 142,565; Oct. 16.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring. 142,566; Oct. 16.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 142,567; Oct. 16.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 142,568; Oct. 16.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 142,569; Oct. 16.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 142,570; Oct. 16.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Clip or similar article. 142,642; Oct. 23.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Clip or similar article. 142,643; Oct. 23.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Clip or similar article. 142,644; Oct. 23.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 142,645; Oct. 23.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 142,646; Oct. 23.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 143,211; Dec. 18.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 143,212; Dec. 18.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 143,213; Dec. 18.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 143,214; Dec. 18.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 143,215; Dec. 18.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 143,216; Dec. 18.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 143,217; Dec. 18.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 143,218; Dec. 18.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 143,219; Dec. 18.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 143,220; Dec. 18.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 143,221; Dec. 18.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 143,222; Dec. 18.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch or similar article. 143,223; Dec. 18.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch or similar article. 143,224; Dec. 18.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring. 143,225; Dec. 18.
Katz, Ludwig, Providence, R. I. Combination cigarette case and compact. 142,870; Nov. 13.
Katz, Peter A.: *See*— Leffer, P. W., and Katz.
Katz, Philip, Riverside, Calif. Eyeglass lens. 140,610; Mar. 20.
Katz, Philip, Riverside, Calif. Spoon or other article of flatware. 140,911; Apr. 17.
Katz, Philip, Riverside, Calif. Knife or other article of flatware. 142,090; Aug. 14.
Katz, Philip, Riverside, Calif. Knife or other article of flatware. 142,091; Aug. 14.
Katz, Philip, Riverside, Calif. Knife or other article of flatware. 142,092; Aug. 14.
Kauders, Gustave, Forest Hills, N. Y. Chandelier. 142,871; Nov. 13.
Kaufman, Carol S., Clayton, Mo. Infant's sleeping garment. 140,663; Mar. 27.
Kaufman, Harry, New York, N. Y. Combined vestee and hood. 142,326; Aug. 28.
Kaufman, Louis, New York, N. Y. Handbag. 143,226; Dec. 18.
Kaufman, Louis, New York, N. Y. Handbag. 143,227; Dec. 18.
Kaufman, Paul, New York, N. Y. Brooch or similar article. 142,647; Oct. 23.
Kaufman & Ruderman, Inc.: *See*— De Marco, Louis, assignor.
Kaufman, Samuel, Boston, Mass. Watch strap or similar article. 142,218; Aug. 21.
Kautz, Edward F., Detroit, Mich. Garbage receptacle. 142,424; Sept. 25.
Kavaler, Bernard, Co., et al.: *See*— Solomon, Robert, assignor.
Kavaler, Bernard, et al.: *See*— Solomon, Robert, assignor.
Kawneer Company, The: *See*— Ketchum, Morris, Jr., assignor.
Kay, Leo L., Milwaukee, Wis. Combined letter opener and magnifier. 141,210; May 15.
Keating, Martin C., Burbank, Calif. Desk ornament. 142,284; Aug. 21.
Keene, Lillian N., Libertyville, Ill. Display box for holding an electric shaver or similar article. 141,766; July 3.
Keene, Walter E., Baltimore, Md. Lighter. 143,006; Nov. 27.
Keeney, Frances, assignor to Hall Brothers, Incorporated, Kansas City, Mo. Figurine or similar article. 141,046; May 1.
Kehle, Ottmar A., West Los Angeles, Calif., assignor to Adel Precision Products Corp. Hydraulic selector valve. 139,952; Jan. 9.
Keller, Adolph, Glendale, Mo. Toy cannon. 141,010; Apr. 24.
Keller, Ernest, Trenton, N. J. Refrigerator cabinet. 142,715; Oct. 30.
Keller, Nicholas W., assignor to The Aluminum Cooking Utensil Company, New Kensington, Pa. Pressure cooker. 142,716; Oct. 30.
Keller, Nicholas W., assignor to The Aluminum Cooking Utensil Company, New Kensington, Pa. Relief valve for pressure cookers or the like. 142,717; Oct. 30.
Kellerman, Murray, Brooklyn, N. Y. Toy musical merry-go-round. 143,076; Dec. 4.
Kelly, Allan O., Carlsbad, Calif. Airplane. 140,120; Jan. 23.
Kelly, Allan O., Carlsbad, Calif. Airplane carrier. 140,355; Feb. 13.
Kelly, Joseph A., New York, N. Y. Luminous pendant or similar article. 142,285; Aug. 21.
Kemp, E. F., Inc.: *See*— Gauvreau, Joseph E., assignor.
Kemp, Grace, New York, N. Y. Surgical mask. 141,604; June 19.
Kempf, Herman H., Garden City, N. Y. Razor handle. 143,326; Dec. 25.
Kendall, William A., Winston-Salem, N. C. Pressure cooker or the like. 141,818; July 10.
Kendall, William A., Winston-Salem, N. C. Pressure cooker or the like. 141,819; July 10.
Kendall, William A., Winston-Salem, N. C. Pressure cooker or the like. 141,820; July 10.
Kende, George, Dobbs Ferry, assignor to Universal Camera Corporation, New York, N. Y. Binocular. 140,730; Apr. 3.
Kennedy, Kenneth J., South San Francisco, Calif. Scraper attachment for live booms. 142,093; Aug. 14.
Kerby, Alex, Lakewood, Ohio. Tray. 142,872; Nov. 13.
Kerkling & Company: *See*— Hoop, Philip E., Jr., assignor.
Kern, Mamie: *See*— Lattos, P. G., and Kern.
Ketchum, Morris, Jr., New York, N. Y., assignor to The Kawneer Company, Niles, Mich. Molding for store fronts. 141,047; May 1.
Ketchum, Morris, Jr., New York, N. Y., assignor to The Kawneer Company, Niles, Mich. Molding for store fronts. 141,048; May 1.
Ketchum, Morris, Jr., New York, N. Y., assignor to The Kawneer Company, Niles, Mich. Molding for store fronts. 141,049; May 1.
Ketchum, Morris, Jr., New York, N. Y., assignor to The Kawneer Company, Niles, Mich. Molding for store fronts. 141,050; May 1.
Ketchum, Morris, Jr., New York, N. Y., assignor to The Kawneer Company, Niles, Mich. Facing for awning boxes, bulkheads, or similar articles. 141,051; May 1.
Keuffel & Esser Company: *See*— Bolter, Ward H., assignor.
Keuper, Harry W., Fort Thomas, Ky., assignor to G. H. Lackner, Cincinnati, Ohio. Condiment receptacle. 142,032; Aug. 14.
Keystone View Company: *See*— Hamilton, George E., assignor.
Kidner, Charles E., Old Greenwich, Conn. Hand monocular viewer. 141,181; May 8.
Kiff, Earl, Attleboro, Mass., assignor to L. G. Balfour Company. Finger ring. 139,912; Jan. 2.
Kiff, Earl, Attleboro, Mass., assignor to L. G. Balfour Company. Shank for a finger ring. 139,943; Jan. 2.
Kimball, Donald E., Cleveland Heights, Ohio. Eye shield. 143,077; Dec. 4.
Kimbel Glass Company: *See*— Hoyer, Arnold Z., assignor.
Kincses, Maria, Cleveland, Ohio. Headdress. 141,781; July 3.
King Leathers Incorporated: *See*— Gerth, Ruth, assignor.
Kinney Aluminum Company: *See*— Shaeffer, Norbert, assignor.
Kiplock, Peter, Brooklyn, N. Y. Ship's lamp. 141,063; May 1.
Kirkpatrick, Francis McK., assignor to Durham Manufacturing Corporation, Muncie, Ind. Rocking chair. 142,094; Aug. 14.
Kirsch, Hyman S., Woodmere, N. Y. Combined identification tag and money clip. 142,718; Oct. 30.
Kirsch, Louis, Brooklyn, N. Y. Clothes hanger. 140,053; Jan. 16.
Kirsch, Louis, Brooklyn, N. Y. Clothes hanger. 140,054; Jan. 16.
Kirsch, Louis, Brooklyn, N. Y. Clothes hanger. 140,731; Apr. 3.
Kirsch, Louis, Brooklyn, N. Y. Clothes hanger. 140,732; Apr. 3.
Kirsch, Louis, Brooklyn, N. Y. Clothes hanger. 140,733; Apr. 3.
Kirsch, Louis, Brooklyn, N. Y. Clothes hanger. 140,734; Apr. 3.
Kissling, Edmund D., New York, N. Y. Picture frame. 142,484; Oct. 2.
Kissling, Edmund D., New York, N. Y. Picture frame or the like. 142,719; Oct. 30.
Kissling, Edmund D., New York, N. Y. Reversible picture frame or the like. 142,720; Oct. 30.
Kissling, Edmund D., New York, N. Y. Picture frame or the like. 143,007; Nov. 27.
Klainbard, Isidore, New York, N. Y. Flat brim holder for spiral stitching of hats. 140,383; Feb. 20.
Klassen, Walter J.: *See*— Browne, H. O., and Klassen.
Klauber, Chester D., assignor to The Fairfacts Company, Inc., New York, N. Y. Combined tumbler and toothbrush holder. 141,491; June 5.
Klein, Alexander, New York, N. Y. Ring. 140,548; Mar. 6.
Klein, Gustav, Elkins Park, Pa. Handle for stove door or similar article. 140,964; Apr. 24.
Klein, Hugo, Hoboken, N. J. Applique emblem or the like. 140,641; Mar. 20.
Kleinitz, Mollie, New York, N. Y. Combined girdle and brassière. 141,993; Aug. 7.
Klingelhofer, Albert W., Burbank, Calif. Butter measuring knife. 140,818; Apr. 10.
Klonne, Albert B., Cincinnati, Ohio. Electric iron. 142,648; Oct. 23.
Klyce, Stephen D., Lexington, assignor to Walsh Engineering Services, Inc., Cambridge, Mass. Ash tray. 142,425; Sept. 25.
Knaus, Nicholaus, Cranford, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Cloth-plate for a sewing machine. 142,426; Sept. 25.
Knight, George C., et al.: *See*— Wilson, James E., assignor.

Knight Slipper Mfg. Corp.: *See*—
Huff, Basil D., assignor.
Knobel, Irvin, Osseo, Minn. Clamp. 141,962; Aug. 7.
Knobloch, Chester T., Detroit, Mich. Game board. 139,468; Jan. 2.
Knoll, H. G., Associates: *See*—
Risom, Jens, assignor.
Knoll, Hans G., New York, N. Y. Chair frame. 141,211; May 15.
Knorr, Camillo A., East Orange, N. J., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Field telephone. 142,873; Nov. 13.
Know Your Bible Company: *See*—
Tietar, Frank, assignor.
Knutson, Harry, assignor to American Hoist & Derrick Co., St. Paul, Minn. Winch. 141,471; June 5.
Koch, Ernest E., Forest Hills, N. Y. Jewelry case. 140,097; Jan. 23.
Koch, Ernest E., Forest Hills, N. Y. Writing case. 140,098; Jan. 23.
Koch, William P., assignor to Chicago Die Casting Manufacturing Company. Fruit juice extractor. 140,819; Apr. 10.
Koenig, Aaron, Far Rockaway, N. Y. Finger ring. 140,231; Feb. 6.
Kogan, David T., New York, N. Y. Boy's suit. 140,071; Jan. 16.
Kohen, Jack J., South Bend, Ind. Clothes hamper. 142,274; Aug. 21.
Kohen, Jack J., South Bend, Ind. Clothes hamper. 142,275; Aug. 21.
Kohen, Jack J., South Bend, Ind. Clothes hamper. 142,649; Oct. 23.
Kohn, Julius: *See*—
Kolberg, A., and Kohn.
Kolbert, Abner, Mount Vernon, and J. Kohn, New York, assignors to Pioneer Watch Case Co., Inc., Mount Vernon, N. Y. Lighter. 140,735; Apr. 3.
Kolmes, Max G.: *See*—
McLarn, E. S., and Kolmes.
Konhauser, David, New York, N. Y. Suit ensemble 140,094; Mar. 27.
Korn, Estol P., Houston, Tex. Radiator grill for motor vehicles. 140,912; Apr. 17.
Koster, Margaret R., Brooklyn, N. Y. Safety holder for babies. 140,933; Apr. 17.
Kotkins, Henry L.: *See*—
Tobey, Robert D., assignor.
Kotzin, Tobias, Los Angeles, Calif. Trousers. 140,465; Feb. 27.
Koven, Marc I., Brooklyn, N. Y. Pin or similar article. 142,485; Oct. 2.
Koven, Marc I., Brooklyn, N. Y. Pin or similar article. 142,486; Oct. 2.
Krass, William D., Chicago, Ill. Combined coaster and tray. 139,954; Jan. 9.
Kreisler, Jacques, Manufacturing Corporation: *See*—
Cole, Helen D., assignor
Cole, H. D., and Diehl, assignors.
Kricker, George E.: *See*—
Fitz Gerald, H. R., and Kricker.
Kritske, Victor J., assignor to W. H. Murphy, executor of H. L. De Lisle, doing business as Engineering Sales Company, Sheboygan, Wis. Drafting board. 141,526; June 12.
Kroll, Nathan J.: *See*—
Kroll, Samuel and N. J.
Kroll, Samuel and N. J., Chicago, Ill. Carriage hood. 142,785; Nov. 6.
Kropatkin, Natalie, Bronx County, N. Y. Combination doll, dressing table, and laundry bag. 140,378; Feb. 20.
Kropatkin, Natalie, Bronx, N. Y. Screen for a doll's house. 141,923; July 31.
Kroto, Hans J., Cambridge, Mass. Shoe or similar article. 140,820; Apr. 10.
Krueger, Richard G., Inc.: *See*—
Carver, Alice K., assignor.
Krupp, Herbert W., Racine, Wis. Condiment server. 141,276; May 15.
Kuchta, Stephen, Bronx, assignor to V. P. M. J. Le Pane, Jamaica, N. Y. Combination mantelpiece and bar or similar article. 140,507; Mar. 6.
Kuette, John J., and J. M. Lawler, St. Paul, Minn. Bottle carrier. 140,340; Feb. 13.
Kuffel, Lambert A., Chicago, Ill. Radio dial. 142,216; Aug. 21.
Kuffel, Lambert A., Chicago, Ill. Radio dial. 142,258; Aug. 21.
Kuffel, Lambert A., Chicago, Ill. Radio dial. 142,259; Aug. 21.
Kuhlman, Carl A., assignor to York Hoover Corporation, York, Pa. Casket lid. 140,314; Feb. 13.
Kuhn, Emil, Wichita Falls, Tex. Brooch or the like. 139,944; Jan. 2.
Kunett, Rudolph P., West Hartford, assignor to G. F. Heublein & Bro. Inc., Hartford, Conn. Bottle. 141,023; Apr. 24.
Kuznets, Samuel, New York, N. Y. Lady's suit. 139,999; Jan. 9.
Kuznets, Samuel, New York, N. Y. Lady's suit. 140,000; Jan. 9.
Kuznets, Samuel, New York, N. Y. Lady's suit. 140,001; Jan. 9.
Kuznets, Samuel, New York, N. Y. Lady's suit. 142,874; Nov. 13.
Lacey, Roscoe B.: *See*—
Siemers, Eric, assignor.
Lackner, George H.: *See*—
Keuper, Harry W., assignor.
Ladwig, Bernice D., Marietta, Minn. Cement plate for building walls. 140,099; Jan. 23.
La Forest, Louis Z.: *See*—
Cann, C. W., and La Forest.
La Forest, Louis Z., Parsippany-Troy Hills Township, Morris County, and R. M. Somers, assignors to Thomas A. Edison, Incorporated, West Orange, N. J. Dictating machine cabinet. 140,913; Apr. 17.
La Forte, Michael J., Park Ridge., assignor to Vaughan Novelty Mfg. Co., Chicago, Ill. Can opener. 143,327; Dec. 25.
Lake, William W., et al.: *See*—
Swanson, Ray, assignor.
Lamb, Lena R., Dallas, Tex. Doll. 141,249; May 15.
Lambach, Adolph D., Chicago, Ill. Combined radio and phonograph cabinet. 140,379; Feb. 20.
Lambert, Guy W., Jasper, Ind. Fly swatter or similar article. 142,428; Sept. 25.
Lambert, Henry L., New York, N. Y., and W. Cole, Ridgefield Park, N. J. Bill clip or similar article. 142,571; Oct. 16.
Lamotte, Bernard, assignor to Pinaud Incorporated, New York, N. Y. Box or similar article. 142,095; Aug. 14.
Landis Tool Company: *See*—
Price, D. F., Balsiger, and Hollengreen, assignors.
Landy, Marion, New York, N. Y., assignor to Rollins Hosiery Mills, Inc., Des Moines, Iowa. Slip or similar article. 140,341; Feb. 13.
Lane, Edith T., Los Angeles, Calif. Clothespin. 140,479; Feb. 27.
Lane, Ernest B., Windsor, Ontario, Canada. Name plate. 141,083; May 1.
Langan, Thomas, Annapolis, Md. Bilge pump or similar article. 143,078; Dec. 4.
Langan, Thomas, Annapolis, Md. Bilge pump or similar article. 143,079; Dec. 4.
Langbert, H. Thomas, New York, N. Y. Dress. 140,409; Feb. 20.
Lannon, Maurice F. and M. E., North Hollywood, Calif. Button. 142,217; Aug. 21.
Lannon, Mildred E.: *See*—
Lannon, Maurice F. and M. E.
Lantan, Alfred H., Philadelphia, Pa. Emblem badge. 141,212; May 15.
Lantz, Walter, Universal City, Calif. Doll or similar article. 140,380; Feb. 20.
Lanyon, William C., Waukegan, Ill. Seal cutter for bottles, or similar article. 142,202; Aug. 14.
Laplant-Choate Manufacturing Co., Inc.: *See*—
Rockwell, Harvey W., assignor.
Larkin, Wilbur B.: *See*—
Norquist, V. C., and Larkin.
Larsen, Olaf F., Jr., Demarest, N. J., assignor to Noma Electric Corporation, New York, N. Y. Ball operated toy or small article. 141,447; June 5.
Larson, Carl E., Indianapolis, Ind. Cabinet for amusement device. 140,567; Mar. 13.
La Salle, Ernest V.: *See*—
Running, G. L., and La Salle.
Laskey, Louise R., Kew Gardens, assignor to Manning Industries, Inc., New York, N. Y. Toy animal figure. 141,000; Apr. 24.
Laskey, Louise R., Kew Gardens, assignor to Manning Industries, Inc., New York, N. Y. Toy locomotive. 141,004; May 8.
Laskey, Louise R., Kew Gardens, assignor to Manning Industries, Inc., New York, N. Y. Wheeled toy. 142,302; Aug. 28.
Laskey, Louise R., Kew Gardens, assignor to Manning Industries, Inc., New York, N. Y. Wheeled toy. 142,303; Aug. 28.
Laszlo, Margit F., assignor to Cole of California Inc., Los Angeles, Calif. Swim suit or similar article. 140,352; Feb. 13.
Laszlo, Margit F., assignor to Cole of California Inc., Los Angeles, Calif. Swim suit or similar article. 140,353; Feb. 13.
Laszlo, Margit F., assignor to Cole of California Inc., Los Angeles, Calif. Swim suit or similar article. 140,354; Feb. 13.
Laszlo, Margit F., assignor to Cole of California Inc., Los Angeles, Calif. Swim suit or similar article. 140,529; Mar. 6.
Laszlo, Margit F., assignor to Cole of California Inc., Los Angeles, Calif. Swim suit. 140,752; Apr. 3.
Latshaw, Fred F., Altadena, Calif. Massager. 140,384; Feb. 20.
Latshaw, Fred F., Altadena, Calif. Food beater. 140,530; Mar. 6.
Latshaw, Fred F., Altadena, Calif. Food shredder. 141,899; July 31.
Latshaw, Fred F., Altadena, Calif. Food beater. 141,900; July 31.
Latshaw, Fred F., Altadena, Calif. Safety view mirror. 142,248; Aug. 21.
Lattos, Pear G., and M. Kern, Chicago, Ill. Doll. 140,178; Jan. 30

Lavalle, John, U. S. Army, assignor to The United States of America, as represented by the Secretary of War. Scarf. 140,144; Jan. 30.
Lawler, John M.: *See*—
Kuettel, J. J., and Lawler.
Lawn, Henry M.: *See*—
Geluso, Sebastian J., assignor.
Lawson, George S., St. Clair Shores, Mich., assignor to Sloan Valve Company, Chicago, Ill. Flush valve housing. 142,721; Oct. 30.
Lawson, William O., Montclair, N. J. Box or similar article. 140,632; Mar. 20.
Layton, William W., Columbus, Ohio. Combination photo mount and compartment or article of similar nature. 143,008; Nov. 27.
Lear, Incorporated: *See*—
Bruland, Raymond V., assignor.
Lear, William P., assignor.
Lear, W. P., and Wehner, assignors.
Skaglund, Harry A., assignor.
Wehner, John M., assignor.
Lear, William P., North Hollywood, Calif., assignor, by mesne assignments, to Lear, Incorporated, Piqua, Ohio. Electric motor-driven rotary actuator unit. 140,204; Jan. 20.
Lear, William P., North Hollywood, Calif., assignor, by mesne assignments, to Lear, Incorporated, Piqua, Ohio Rotary actuator unit for movable parts of an aircraft 140,211; Jan. 30.
Lear, William P., North Hollywood, Calif., assignor, by mesne assignments, to Lear, Incorporated, Piqua, Ohio. Position selector and indicator for movable parts of an aircraft or similar article. 140,276; Feb. 6.
Lear, William P., North Hollywood, Calif., assignor, by mesne assignments, to Lear, Incorporated, Piqua, Ohio. Combined remote control and position indicator for airplane parts. 140,508; Mar. 6.
Lear, William P., North Hollywood, Calif., assignor to Lear, Inc., Piqua, Ohio. Combined remote control and position indicator for airplane parts. 140,509; Mar. 6.
Lear, William P., North Hollywood, Calif., assignor to Lear, Inc., Piqua, Ohio. Rotary actuator for movable parts of an aircraft or the like. 141,554; June 12.
Lear, William P., North Hollywood, and J. M. Wehner, Culver City, Calif., assignors to Lear, Incorporated, Piqua, Ohio. Automatic actuator for airplane wing flaps. 143,080; Dec. 4.
Learman, Frank A., assignor to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Portable airplane hangar. 140,100; Jan. 23.
Le Barre, Douglas C., Santa Monica, Calif. Toy cannon. 142,427; Sept. 25.
Le Bouedec, Francine, New York, N. Y. Hat. 140,611; Mar. 20.
Le Bouedec, Francine, New York, N. Y. Hat. 140,612; Mar. 20.
Le Bouedec, Francine, New York, N. Y. Hat. 140,613; Mar. 20.
Leckinger, Leon L., Los Angeles, Calif. Combined drilling and tapping machine. 140,664; Mar. 27.
Le Claire, Eugene J., assignor to H. F. Joesting, St. Paul, Minn. Combined pressure cooker door and securing apparatus. 143,081; Dec. 4.
Lecomowitz, Morris, Philadelphia, Pa. Hobby horse. 141,932; July 31.
Lederer, George J., Providence, R. I. Bracelet. 142,314; Aug. 28.
Lederer, George J., assignor to Providence Stock Company, Providence, R. I. Bracelet. 142,956; Nov. 20.
Lederer, George J., assignor to Providence Stock Company, Providence, R. I. Bracelet. 142,957; Nov. 20.
Lederer, George J., assignor to Providence Stock Company, Providence, R. I. Bracelet. 142,958; Nov. 20.
Lederer, George J., assignor to Providence Stock Company, Providence, R. I. Bracelet. 143,147; Dec. 11.
Lederer, George J., assignor to Providence Stock Company, Providence, R. I. Bracelet. 143,328; Dec. 25.
Lederman, Georg E., assignor of one-half to J. L. Shaw, New York, N. Y. Link chain for a bracelet or similar article. 140,552; Mar. 13.
Lederman, Georg E., assignor of one-half to J. L. Shaw, New York, N. Y. Link chain for a bracelet or similar article. 140,553; Mar. 13.
Leduc, Marcel, Rochester, N. Y. Combined bottle and container. 142,276; Aug. 21.
Lee, Bert, Sacramento, Calif. Fan propeller. 142,260; Aug. 21.
Lee, Bert, Sacramento, assignor to Bert Lee Laboratories, Inc., Beverly Hills, Calif. Fan propeller. 142,959; Nov. 20.
Lee, Bert, Sacramento, assignor to Bert Lee Laboratories, Inc., Beverly Hills, Calif. Fan propeller. 142,960; Nov. 20.
Lee, Bert, Laboratories, Inc.: *See*—
Lee, Bert, assignor.
Lee Knitwear Corp.: *See*—
Sheldrick, Mabel, assignor.
Lefcourte, Albert, New York, N. Y. Combined display stand and nail polish container or similar article. 140,876; Apr. 17.
Lefebre, Edward A., Jamaica, N. Y. Box. 140,866; Apr. 10.
Lehmberg, William H., Newton Centre, Mass., assignor to Beckwith Manufacturing Company, Dover, N. H. Facepiece for gas masks or respirators. 142,203; Aug. 14.
Leichter, Newton S., Beverly Hills, assignor to Clary Multiplier Corporation, Los Angeles, Calif. Casing for a calculating machine or the like. 141,213; May 15.
Leichter, Newton S., Beverly Hills, and H. L. Clary, Pasadena, assignors to Clary Multiplier Corporation, Los Angeles, Calif. Casing for a calculating machine. 141,214; May 15.
Leifer, Philip W., and P. A. Katz, New York, N. Y. Garment hanger. 140,399; Feb. 20.
Leipper, William, assignor to M. G. Sampson, Seattle, Wash. Smoking pipe. 142,572; Oct. 16.
Leigemann, William, Grill, Pa. Fluid fuel burning steam and hot water generating unit. 142,218; Aug. 21.
Le Long, Lucien, Inc.: *See*—
Buckingham, John D., assignor.
Norman, Emile, assignor.
Lelong, Lucien, Inc.: *See*—
Norman, Emile, assignor.
Lemle, Irwin W., Chicago, Ill. Plaque. 141,963; Aug. 7.
Lennart, Joseph B., Marietta, Ohio. Toy bank or similar article. 141,280; May 15.
Lenhart, Joseph B., Marietta, Ohio. Toy bank or similar article. 142,347; Aug. 28.
Leonard, Otto W., Lynchburg, Ohio. Milk can cart. 143,329; Dec. 25.
Le Pane, V. P. Michael J.: *See*—
Kuchta, Stephen, assignor.
Lepore, Pasquale J., Somerville, Mass. Surface mounted fluorescent lamp fixture. 140,303; Feb. 6.
Lepore, Pasquale, J., Somerville, Mass. Fluorescent lamp fixture. 142,429; Sept. 25.
Lerman, Abraham P., Chicago, Ill. Novelty wall plaque. 141,767; July 3.
Lerner, George: *See*—
Gilbert, S., and Lerner.
Lerner, George, and S. Gilbert, Los Angeles, Calif. Toy truck. 141,964; Aug. 7.
Lervaag, Sigvald V., Little Falls, Minn. Game board. 142,523; Oct. 9.
Le Sage, Vincent C., assignor to Royal Plastic Company, Los Angeles, Calif. Compact. 140,877; Apr. 17.
Leseaze, William, New York, assignor to Pass & Seymour, Inc., Syracuse, N. Y. Light fixture. 140,568; Mar. 13.
Leseaze, William, New York, assignor to Pass & Seymour, Inc., Syracuse, N. Y. Light fixture. 140,569; Mar. 13.
Leser, Tina, New York, N. Y. Bathing suit. 143,082; Dec. 4.
Les Parfums De Dana, Inc.: *See*—
Serra, Javier, assignor.
Lester, Joseph, New York, N. Y. Tie rack. 141,067; May 1.
Leufvenius, Karl J. G., Minneapolis, Minn. Golf tee. 141,448; June 5.
Leupold, Henry G., Cambridge, assignor to United Electric Controls Company, South Boston, Mass. Switch casing or similar article. 140,570; Mar. 13.
Le Vasseur, Thomas M., Wyoming, Minn. Welding helmet. 139,883; Jan. 2.
Levering, Jack, Tulsa, Okla. Combination utility knife and bayonet. 143,228; Dec. 18.
Levin, Benjamin E., Boston, Mass. Combination of costumer and shelf unit or similar device. 142,096; Aug. 14.
Levin, Nathan, Trenton, N. J. Tie rack. 140,121; Jan. 23.
Levinger, Herbert R., Chicago, Ill. Ash tray or the like. 141,182; May 8.
Levy, Molly, New York, N. Y. Suit. 141,492; June 5.
Levy, Molly, New York, N. Y. Suit. 141,493; June 5.
Levy, Molly, New York, N. Y. Suit. 141,981; Aug. 7.
Levy, Molly, New York, N. Y. Suit. 141,994; Aug. 7.
Levy, Molly, New York, N. Y. Suit. 142,002; Aug. 7.
Levy, Morris S., Brooklyn, N. Y. Handkerchief. 140,358; Feb. 13.
Levy, Morris S., Brooklyn, N. Y. Handkerchief. 140,359; Feb. 13.
Levy, Morris S., Brooklyn, N. Y. Handkerchief. 140,360; Feb. 13.
Levy, Morris S., Brooklyn, N. Y. Handkerchief. 140,361; Feb. 13.
Levy, Morris S., Brooklyn, N. Y. Handkerchief. 140,362; Feb. 13.
Levy, Morris S., Brooklyn, N. Y. Handkerchief. 140,363; Feb. 13.
Lewis, Fred H., Evanston, Ill. Knife holder. 140,002; Jan. 9.
Lewis, Fred H., Evanston, Ill. Match box holder. 141,422; May 29.
Lewis, Fred H., Evanston, Ill. Memorandum pad and pencil holder. 141,423; May 29.
Lewis, Fred H., Evanston, Ill. Towel holder. 141,424; May 29.
Lewis, Fred H., Evanston, Ill. Match box holder. 142,430; Sept. 25.
Lewis, Jack C., New York, N. Y. Font of music type. 140,364; Feb. 13.
Lewis, Max J., Forest Hills, N. Y. Perpetual calendar. 142,431; Sept. 25.
Lewis, Richard C., Winnetka, Ill. Clothesline tautener. 140,192; Jan. 30.

Lewis, Richard C., Winnetka, Ill. Toy rattle. 140,878; Apr. 17.
Lewis, William H., Altadena, Calif. Road broom frame. 143,083; Dec. 4.
Lewy, Harry, Baltimore, Md. Combination clock and radio. 141,189; May 8.
Lewyt Corporation: *See*—
Meyerhoefer, Carl E., assignor.
Libbey-Owens-Ford Glass Company: *See*—
Dieter, Walter G., assignor.
Paddock, Ormond H., assignor.
Liberty Glass Company: *See*—
Stackpole, Elmer R., assignor.
Lieber, Irving, New York, N. Y. Ring. 140,003; Jan. 9.
Lieberfield, Albert, assignor to Caron Corporation, New York, N. Y. Box or similar article. 140,736; Apr. 3.
Lind, William E., assignor to Gulberson Diesel Engine Company, Dallas, Tex. Bookend. 140,796; Apr. 10.
Lindvald, Allan P., Winchester, Mass. Communion cup tray; 140,393; Feb. 20.
Lindberg, Caryl A., Glendale, and H. W. Eckles, assignors to The Emerson Electric Manufacturing Company, St. Louis, Mo. Heater or the like. 142,219; Aug. 21.
Lindeman, Marvin C., assignor to Holland Furnace Company, Holland, Mich. Thermostat or the like. 141,688; June 26.
Lindgren, Russell B., Piedmont, and C. H. Ristenpart, San Francisco, Calif., said Lindgren assignor to said Ristenpart. Desk. 142,097; Aug. 14.
Lindsay, Myrtle E., Los Angeles, Calif. Hair curler or the like. 143,330; Dec. 25.
Lindsey, Robert J., assignor to The Hydraulic Development Corporation, Inc., Mount Gilead, Ohio. Casting machine. 143,009; Nov. 27.
Lion, Leo, New York, N. Y. Foldable serving table. 142,171; Aug. 14.
Lipman, Isidore A., assignor to The Ellmore Silver Co., Inc., Meriden, Conn. Lapel pin. 141,847; July 10.
Lipman, Isidore A., assignor to The Ellmore Silver Company, Meriden, Conn. Fork or other article of flatware. 142,786; Nov. 6.
Lipman, Isidore A., assignor to The Ellmore Silver Company, Inc., Meriden, Conn. Fork or other article of flatware. 142,875; Nov. 13.
Lipman, Isidore A., assignor to The Ellmore Silver Company, Inc., Meriden, Conn. Fork or other article of flatware. 142,876; Nov. 13.
Lipman, Isidore A., assignor to The Ellmore Silver Company, Inc., Meriden, Conn. Fork or other article of flatware. 142,877; Nov. 13.
Lipman, Isidore A., assignor to The Ellmore Silver Company, Inc., Meriden, Conn. Fork or other article of flatware. 142,878; Nov. 13.
Lippincott, Joshua G., Scarsdale, assignor to Holophane Company, Inc., New York, N. Y. Luminaire for fluorescent and incandescent lamps. 140,107; Jan. 23.
Lippincott, Joshua G., Scarsdale, N. Y., assignor to Guth, Stern & Co., Inc. Flashlight. 142,277; Aug. 21.
Liquid Carbonic Corporation: *See*—
Goddeau, Guy F., assignor.
Lish, Sam, New York, N. Y. Hat. 140,934; Apr. 17.
Liscak, Nathan J., and J. E. Lucey, Brockton, Mass. Sandal type shoe. 142,432; Sept. 25.
Little, John M., Toledo, Ohio, assignor to Manning, Maxwell & Moore, Inc., Muskegan, Mich. Reel for electric conductor cords. 140,055; Jan. 16.
Little, John M., Toledo, assignor to Barnes Manufacturing Co., Mansfield, Ohio. Centrifugal pump. 141,581; June 12.
Littlefield, John B., Mahanoy City, J. H. Schneider, Irwin, and W. P. Yant, Murraysville, assignors to Mine Safety Appliances Company, Pittsburgh, Pa. Breathing apparatus. 143,084; Dec. 4.
Littlefield, John B., Mahanoy City, J. H. Schneider, Irwin, and W. P. Yant, Murraysville, assignors to Mine Safety Appliances Company, Pittsburgh, Pa. Breathing apparatus. 143,085; Dec. 4.
Livesay, Hulet L., assignor to Western Metal Specialty Company, Milwaukee, Wis. Bottle case. 141,398; May 29.
Livingston, Arthur R., San Francisco, Calif. Combined watch and bracelet. 142,879; Nov. 13.
Lobley, Frederick A.: *See*—
Christner, H. F., Lobley, and Miles.
Lo Cascio, Jack J., Bayonne, N. J., assignor to Even-Pul Foundations, Inc., New York, N. Y. Brassière. 143,321; Dec. 25.
Lochridge, Bertha M., Syracuse, N. Y. Toy dog. 142,033; Aug. 14.
Lockheed Aircraft Corporation: *See*—
Hibbard, H. L., and Johnson, assignors.
Loewy Raymond: *See*—
Bialnard G. C. and Loewy.
Bialnard, George C., and Loewy.
Logsdon, Lewis B., Brooklyn, N. Y. Fan or similar article. 141,589; June 12.
Loman, Samuel D., assignor to Products Development, Inc., Chicago, Ill. Leg for a pedestal base. 141,888; July 31.
Loman, Samuel D., assignor to Products Development, Inc., Chicago, Ill. Pedestal base. 141,889; July 31.
Lomazzo, Edmund J., Norwalk, Conn. Lathe. 142,433; Sept. 25.
Lonergan Manufacturing Company: *See*—
Lonergan, Simon J., assignor.
Lonergan, Simon J., assignor to Lonergan Manufacturing Company, Albion, Mich. Cooler cabinet or the like. 143,148; Dec. 11.
Long, Benjamin F., Union City, N. J. Toy. 141,965; Aug. 7.
Lord, Francis R.: *See*—
Nutter, R. T., and Lord.
Loucony, Adolphe W., assignor to The E. W. Carpenter Manufacturing Company, Bridgeport, Conn. Knife sharpener. 142,880; Nov. 13.
Louer, Harry B., Chicago, Ill. Doll's sulky. 141,527; June 12.
Love, Isidore, New York, N. Y. Suit. 140,039; Jan. 16.
Lovejoy, Charles K., Needham, Mass. Pen point. 140,695; Mar. 27.
Lovejoy, Charles K., Needham, Mass. Pen section for a fountain pen. 140,696; Mar. 27.
Lovejoy, Charles K., Needham, Mass. Fountain pen barrel. 140,697; Mar. 27.
Loverde, Thomas, San Antonio, Tex. Rotary lawn sprinkler. 140,665; Mar. 27.
Low, Martin E., Holland, Mich. Doll buggy. 140,179; Jan. 30.
Lowdermilk, Elbert, Denver, Colo. Nut bowl. 143,086; Dec. 4.
Lowengardt, Paul: *See*—
Elsas, W. D., Lowengardt, and Scheftel.
Lowenstein, Julianne F., University City, Mo. Clown doll. 141,797; July 3.
Lubienski, Paul S., Alexandria, Va. Hydroplane. 142,034; Aug. 14.
Lublin, Meyer: *See*—
Hellman, Albert A., assignor.
Lucas, Knight B., Johnson County, Kans., and J. M. Majewski, Jr., assignors to J. C. Hockery and F. L. and H. J. Talge, doing business as Rival Manufacturing Company, Kansas City, Mo. Juice extractor. 140,625; Mar. 20.
Lucey, John E.: *See*—
Liscak, N. J., and Lucey.
Lucien Le Long, Inc.: *See*—
Norman, Emile, assignor.
Ludeman, Margaret M., Centerport, N. Y. Doll. 141,548; June 12.
Luebbers, Herman E.: *See*—
Rogers, J. H., and Luebbers.
Lumbard, Edward B., assignor to L. A. and T. W. Goodman and T. W. Goodman as trustee, a co-partnership doing business as L. A. Goodman Manufacturing Company, Chicago, Ill. Toy figure. 143,332; Dec. 25.
Lundy, James E., Huntington Park, Calif. Table. 142,434; Sept. 25.
Lynn, Edward M., Chicago, Ill. Eviscerating tool for fowls or the like. 140,193; Jan. 30.
Lynn, Robert M., Pasadena, Calif. Gun sight. 142,961; Nov. 20.
Lyon, George A., Allenhurst, N. J.. Wheel trim or similar article. 140,205; Jan. 30.
Lyon, George A., Allenhurst, N. J. Wheel trim or similar article. 141,286; May 22.
Lyon, George A., Allenhurst, N. J. Wheel trim or similar article. 141,287; May 22.
Lyon, George A., Allenhurst, N. J. Hub cap or similar article. 141,288; May 22.
Lyon, George A., Allenhurst, N. J. Wheel trim or similar article. 141,289; May 22.
Lyon, George A., Allenhurst, N. J. Wheel trim or similar article. 141,494; June 5.
Lyon, George A., Allenhurst, N. J. Wheel trim or similar article. 141,495; June 5.
Lyon, George A., Allenhurst, N. J. Wheel trim or similar article. 141,496; June 5.
Lyon, George A., Allenhurst, N. J. Wheel trim or similar article. 141,497; June 5.
Lyon, George A., Allenhurst, N. J. Wheel trim or similar article. 141,508; June 5.
Lyon, George A., Allenhurst, N. J. Wheel trim or similar article. 141,509; June 5.
Lyon, George A., Allenhurst, N. J. Combined wheel trim ring and hub cap or similar article. 141,901; July 31.
Lyon, George A., Allenhurst, N. J. Wheel trim or similar article. 142,240; Aug. 21.
Lyon, Incorporated: *See*—
Aske, Charles B., Jr.
Lyons, Paul C., Union City, Pa. Block for use in applying tire chains. 142,220; Aug. 21.
Lytle, Earl J., assignor of one-half to C. J. McGraw, Los Angeles, Calif. Ash tray. 142,722; Oct. 30.
MacCallum, Lucretia Q., Beverly Hills, Calif. Mechanical doll. 142,172; Aug. 14.
MacCallum, Willard T., assignor to Sturdy Toy Makers, Inc., New York, N. Y. Doll carriage or similar article. 140,510; Mar. 6.
MacDonald, Rodney W., Seattle, Wash. Display rack. 143,140; Dec. 11.
Mach, Susan, Chicago, Ill. Doll. 140,004; Jan. 9.
Macht, Jack, New York, assignor to Consolidated Slipper Corp., Malone, N. Y. Slipper. 141,281; May 15.
Macht, Jack, New York, assignor to Consolidated Slipper Corp., Malone, N. Y. Slipper. 141,282; May 15.
Mack Molding Company, Incorporated: *See*—
Gronemeyer, Erich, assignor.

Macksoud, Alice, New York, N. Y. Negligee or similar article. 141,941; July 31.
Macpherson, Harold C., San Francisco, Calif. Display stand. 143,333; Dec. 25.
MacWithey, Frederick L., Plymouth, Fla. Hammer head. 140,321; Apr. 10.
Madan, Edward K., Maplewood, N. J. Soap saver. 141,011; Apr. 24.
Madan, Edward K., Maplewood, N. J. Letter opener. 141,084; May 1.
Mader, Nona, Glendale, assignor to Golden State Ceramics, Pasadena, Calif. Wall vase. 143,150; Dec. 11.
Madison-Kipp Corporation: *See*—
Runstrom, Bernhard A., assignor.
Magann, Merritt W., assignor to Diagraph-Bradley Stencil Machine Corporation, St. Louis, Mo. Fountain stencil brush. 140,549; Mar. 6.
Magnavox Company, The: *See*—
Stone, Leland G., assignor.
Magos, John P., Wilmette, assignor to Crane Co., Chicago, Ill. Radiant baseboard panel or the like. 141,145; May 8.
Magos, John P., Wilmette, assignor to Crane Co., Chicago, Ill. Radiant convector baseboard panel or the like. 141,146; May 8.
Mahler, John S., Glen Ridge, N. J. Beam compass. 142,573; Oct. 16.
Maibach, John J., New York, N. Y., assignor to The American Fabrics Company, Bridgeport, Conn. Tablecloth. 141,250; May 15.
Maibach, John J., New York, N. Y., assignor to The American Fabrics Company, Bridgeport, Conn. Tablecloth. 141,251; May 15.
Maibach, John J., assignor to J. W. Valentine Company, Inc., New York, N. Y. Bedspread or the like. 143,010; Nov. 27.
Maibach, John J., assignor to J. W. Valentine Company, Inc., New York, N. Y. Bedspread or the like. 143,011; Nov. 27.
Maibach, John J., assignor to J. W. Valentine Company, Inc., New York, N. Y. Bedspread or the like. 143,012; Nov. 27.
Maibach, John J., assignor to J. W. Valentine Company, Inc., New York, N. Y. Bedspread or the like. 143,013; Nov. 27.
Maibach, John J., assignor to J. W. Valentine Company, Inc., New York, N. Y. Bedspread or the like. 143,014; Nov. 27.
Maibach, John J., assignor to J. W. Valentine Company, Inc., New York, N. Y. Bedspread or the like. 143,015; Nov. 27.
Maibach, John J., assignor to J. W. Valentine Company, Inc., New York, N. Y. Bedspread or the like. 143,016; Nov. 27.
Maid, Herbert R., Berwyn, Ill. Pipe. 143,087; Dec. 4.
Majewski, Joseph H., Jr., and H. J. Talge, assignors to J. C. Hockery, and F. L. and H. J. Talge, doing business as Rival Manufacturing Company, Kansas City, Mo. Juice extractor. 141,782; July 3.
Majewski, Joseph M., Jr.: *See*—
Lucas, K. B., and Majewski.
Majewski, Joseph M., Jr., and H. J. Talge, assignors to J. C. Hockery, and F. L. and H. J. Talge, doing business as Rival Manufacturing Company, Kansas City, Mo. Ice crusher. 141,783; July 3.
Malmstead, Lilyan, Worcester, Mass. Dickey. 140,400; Feb. 20.
Mandi, Rudi W., Lakeland, Fla. Picture frame or similar article. 141,640; June 19.
Mandle, Urie F., New York, N. Y. Pendant or similar article. 140,737; Apr. 3.
Mandt, Obert G., and A. C. Saxe, Columbus, Ohio. Portable pump apparatus or similar article. 140,642; Mar. 20.
Mankki, Onnie, Cleveland Heights, assignor to Designers for Industry, Inc., Cleveland, Ohio. Costumer. 141,722; June 26.
Mankki, Onnie, Cleveland, Ohio, assignor to Smokador Manufacturing Co., Inc., Bloomfield, N. J. Smoking stand. 143,017; Nov. 27.
Mankki, Onnie, Cleveland, Ohio, assignor to Smokador Manufacturing Co., Inc., Bloomfield, N. J. Combined smoking stand and serving tray. 143,018; Nov. 27.
Mankki, Onnie, Cleveland, Ohio, assignor to Smokador Manufacturing Co., Inc., Bloomfield, N. J. Smoker's stand. 143,019; Nov. 27.
Mankki, Onnie, Cleveland, Ohio, assignor to Smokador Manufacturing Co. Inc., Bloomfield, N. J. Tip lid for smoker's stand. 143,229; Dec. 18.
Mankki, Onnie, Cleveland, Ohio, assignor to Smokador Manufacturing Co. Inc., Bloomfield, N. J. Smoker's stand. 143,230; Dec. 18.
Mankki, Onnie, Cleveland, Ohio, assignor to Smokador Manufacturing Co. Inc., Bloomfield, N. J. Urn. 143,231; Dec. 18.
Mankki, Onnie, Cleveland Heights, and F. J. Schulthels, Lakewood, Ohio. Ventilator. 141,215; May 15.
Manning Industries, Inc.: *See*—
Lasker, Louise R., assignor.
Manning, Maxwell & Moore, Inc.: *See*—
Little, John M., assignor.
Marateck, Jacob M., Bronx, N. Y. Combined knife and towel rack. 141,902; July 31.
Marathon Company: *See*—
Forman, Mack M., assignor.
Marchand, Adolph, Jackson Heights, N. Y. Towel rack. 142,304; Aug. 28.
Marcucci, Americus R., assignor to I. C. Rainey, New York, N. Y. Stylus. 141,167; May 8.
Marder, Leo, Brooklyn, N. Y. Comb. 140,277; Feb. 6.
Margouleff, Jean, New York, N. Y. Shoe. 141,582; June 12.
Margouleff, Jean, New York, N. Y. Shoe. 141,590; June 12.
Margroson Corp.: *See*—
Marossi, Maurice, assignor.
Marienthal, Heidi, New York, N. Y. Combined radio cabinet and cigarette container. 143,334; Dec. 25.
Marienthal, Heidi, New York, N. Y. Combined music box and cigarette container. 143,335; Dec. 25.
Marine Optical Mfg. Co.: *See*—
Ditto, Hugo M., assignor.
Mark Cross Company: *See*—
Branen, Daniel R., assignor.
Markel Electric Products, Inc.: *See*—
Ohm, Albert J. D., assignor.
Markestein, John, North Riverside, Ill., assignor to General Motors Corporation, Detroit, Mich. Locomotive body. 142,098; Aug. 14.
Markestein, John, North Riverside, Ill., assignor to General Motors Corporation, Detroit, Mich. Locomotive body. 142,099; Aug. 14.
Markestein, John, North Riverside, Ill., assignor to General Motors Corporation, Detroit, Mich. Locomotive body. 142,100; Aug. 14.
Markestein, John, North Riverside, Ill., assignor to General Motors Corporation, Detroit, Mich. Locomotive body. 142,101; Aug. 14.
Markestein, John, North Riverside, Ill., assignor to General Motors Corporation, Detroit, Mich. Locomotive body. 142,102; Aug. 14.
Markestein, John, North Riverside, Ill., assignor to General Motors Corporation, Detroit, Mich. Locomotive body. 142,103; Aug. 14.
Markestein, John, North Riverside, Ill., assignor to General Motors Corporation, Detroit, Mich. Locomotive body. 142,104; Aug. 14.
Marks, Alice E., Waterman, Ill. Doll. 140,914; Apr. 17.
Marks, John C., New York, N. Y. Hat. 142,005; Aug. 7.
Marks, John C., New York, N. Y. Hat. 142,006; Aug. 7.
Marks, John C., New York, N. Y. Hat. 142,007; Aug. 7.
Marks, John C., New York, N. Y. Hat. 142,008; Aug. 7.
Markwood, Calvin H., Denver, Colo. Ambulatory toy duck. 142,524; Oct. 9.
Marossi, Maurice, New York, N. Y. Doll or similar article. 140,180; Jan. 30.
Marossi, Maurice, New York, N. Y. Doll mask or similar article. 140,288; Feb. 6.
Marossi, Maurice, New York, N. Y. Doll or similar article. 141,074; May 1.
Marossi, Maurice, New York, N. Y. Doll or similar article. 141,075; May 1.
Marossi, Maurice, New York, N. Y. Doll or similar article. 141,175; May 8.
Marossi, Maurice, assignor to Margroson Corp., New York, N. Y. Doll or similar article. 140,531; Mar. 6.
Marsh, Gerald M., Liberty, Mo. Fishing float. 142,787; Nov. 6.
Marsh Stencil Machine Company: *See*—
Marsh, Walton C., assignor.
Marsh, Walton C., assignor to Marsh Stencil Machine Company, Belleville, Ill. Fountain brush or the like. 141,833; July 10.
Marsh, Walton C., assignor to Marsh Stencil Machine Company, Belleville, Ill. Portable tape moistening device, or the like. 142,173; Aug. 14.
Marshall, Adeline M.: *See*—
Marshall, Edward F. and A. M.
Marshall, Edward F. and A. M., Thomaston, Conn. Toy vacuum cleaner. 141,450; June 5.
Martin, Charles A., Lynbrook, N. Y. Solderless electrical connector. 141,409; May 29.
Martin, Glenn L., Company, The: *See*—
Turnbull, W. J., and Ward, assignors.
Martin, J. A., Mrs.: *See*—
Post, George V., assignor.
Martin, Lynn P.: *See*—
Fish, N. D., and Martin.
Martin, Lynn P., Fort Madison, Iowa. Fountain pen. 142,384; Sept. 25.
Martin, Lynn P., assignor to W. A. Sheaffer Pen Company, Fort Madison, Iowa. Fountain pen or the like. 142,383; Sept. 25.
Martin, Sidney W., Chicago, Ill. Axle straightener. 140,268; Feb. 6.
Martin, William E., Kewanee, Ill. Gooseneck coupling for a drawn vehicle. 142,881; Nov. 13.
Martin, William E., Kewanee, Ill. Gooseneck coupling for a drawn vehicle. 142,882; Nov. 13.
Martin, William E., Kewanee, Ill. Gooseneck coupling for a drawn vehicle. 142,883; Nov. 13.
Martin, William E., Kewanee, Ill. Gooseneck coupling for a drawn vehicle. 142,884; Nov. 13.
Martinelli, Louis, San Francisco, Calif. Lifting tong. 140,240; Feb. 6.
Martyr, Cecil: *See*—
Talge, Henry J., assignor.

Marx, Joe J., Wyoming, and F. J. Heckman, Cincinnati, assignors to So-Lo Works, Incorporated, Loveland, Ohio. Toy rubber. 140,822; Apr. 10.

Maryland Glass Corporation: *See*—
Clevenger, Glen M., assignor.

Marzullo, Anna: *See*—
Porcelli, Peter, assignor.

Mason, J. H., et al.: *See*—
Matthews, J. R., and Davidson, assignors.

Mason, P. H., et al.: *See*—
Matthews, J. R., and Davidson, assignors.

Mason, W. D., et al.: *See*—
Matthews, J. R., and Davidson, assignors.

Master Electric Company, The: *See*—
Darnell, Victor L., assignor.

Master Lock Company: *See*—
Soref, Harry E., assignor.

Master, Warren S., Rutherford, N. J., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Rectifier housing. 142,487; Oct. 2.

Mathews, Fred T., and C. M. Brauer, Salt Lake City, Utah. Wheeled toy. 141,176; May 8.

Mathewson, Kenneth L., Tacoma, Wash. Measuring spoon unit. 141,881; July 31.

Matson, Charles H., New York, N. Y. Snap lock or similar article. 141,264; May 15.

Matson, Harold R.: *See*—
Handler, E., and Matson.

Matson, Lawrence A., Dayton, Ohio. Drawing instrument. 141,882; July 31.

Mattessich, Victor, Newark, N. J. Badge or similar article. 141,933; July 31.

Matthews, Jessie R., and W. A. Davidson, assignors of seventeen one-hundredths to P. H. Mason, seventeen one-hundredths to W. D. Mason, and seventeen one-hundredths to J. H. Mason, Norfolk, Va. Corner marker. 142,788; Nov. 6.

Maulsby, John D., Jr., assignor to C. E. Hovey, trustee, Kansas City, Mo. Combined battery tester and charger. 141,088; Dec. 4.

Maurer, Frank W.: *See*—
Baratelli, C. A., Cochran, and Maurer.

Maurer, Frank W., Newton Highlands, Mass. Goggles. 142,338; Aug. 28.

Maurette, René G., Beverly, assignor to Sylvania Electric Products Inc., Salem, Mass. Fluorescent lighting fixture. 141,068; May 1.

Maxant, William T., Ayer, Mass. Button sewing machine or the like. 142,435; Sept. 25.

Maxson, William E., Jr., assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Fruit juice extractor. 141,241; May 15.

Maxson, William E., Jr., assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Portable electric heater. 141,834; July 10.

Maxwell, Paul M., Manhasset, N. Y., and W. J. Russy, Jersey City, N. J., assignors to Hat Corporation of America, Norwalk, Conn. Cap. 140,040; Jan. 16.

Maxwell, William H., Los Angeles, Calif. Hair curler. 141,052; May 1.

May, John, Detroit, Mich. Fishing bait. 140,511; Mar. 6.

May, John, Detroit, Mich. Fishing bait. 140,512; Mar. 6.

May, John, Detroit, Mich. Fishing bait. 140,513; Mar. 6.

Mayen, Othmar F., New York, N. Y. Helicopter. 140,480; Feb. 27.

Mayer, John L., Kansas City, Mo. Refuse bag holder. 142,286; Aug. 21.

Mayer, Joseph W.: *See*—
Alexander, M. W., and Mayer.

Maynard, Harold B., Pittsburgh, and C. W. Punton, assignors to Methods Development and Equipment Company, Wilkinsburgh, Pa. Worktable. 140,122; Jan. 23.

Maytag Company, The: *See*—
Smith, Thomas R., assignor.

Mazen, Walter, and L. L. Nagle, Detroit, Mich. Combined liquid cigarette extinguisher and ash-tray. 140,401; Feb. 20.

Mazzarelli, Augustine M., New York, N. Y. Knife box. 142,574; Oct. 16.

McAfee, Don G., Grand Rapids, Mich. Toy gun. 141,373; May 29.

McCabe, Morden J.: *See*—
Sperzel, Peter J., assignor.

McCray Refrigerator Company: *See*—
Ingersoll, Fred M., assignor.

McCrory, Sue, Houston, Tex. Doll. 140,915; Apr. 17.

McCrory, William, Los Angeles, Calif. Picture frame. 142,885; Nov. 13.

McCullough, Frank, Detroit, Mich. Drill Jig. 141,995; Aug. 7.

McDonald, William H., assignor to The Nurre Companies, Inc., Bloomington, Ind. Table. 139,869; Jan. 2.

McDonald, William H., assignor to The Nurre Companies, Inc., Bloomington, Ind. Table. 139,870; Jan. 2.

McDonald, William H., assignor to The Nurre Companies, Inc., Bloomington, Ind. Table. 139,884; Jan. 2.

McDonald, William H., assignor to The Nurre Companies, Inc., Bloomington, Ind. Table. 139,890; Jan. 2.

McDougal, Donald N.: *See*—
Cobelli, E. G., and McDougal.

McEachron, Evans J.: *See*—
Glisch, I. M., McEachron, and Ariesan.

McGee, Mary C., Hempstead, N. Y. Tablecloth or similar article. 140,666; Mar. 27.

McGonigal, John F., Philadelphia, Pa. Combined book end and picture frame. 140,181; Jan. 30.

McGonigle, Victor J., and W. I. Thomas, Richmond, Va. Cribbage board. 141,449; June 5.

McGraw, Charles J.: *See*—
Lytle, Earl J., assignor.

McIntosh, William B.: *See*—
Porthouse, C. R., and McIntosh.

McIntyre, John W., Attleboro, Mass. Picture frame. 141,605; June 19.

McKenna, Edward F., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Combined telephone desk stand and handset. 141,425; May 29.

McKeown, Jessie I., Los Angeles, Calif. Sock. 140,342; Feb. 13.

McKesson & Robbins, Incorporated: *See*—
Riha, Gordon J., assignor.

McKittrick, Samuel A., Sandusky, Ohio. Can opener. 141,053; May 1.

McLane, John L., Jersey City, N. J. Foot stand. 140,212; Jan. 30.

McLarn, Ernest S., Manhasset, and M. G. Kolmes, Brooklyn, assignors to International Standard Electric Corporation, New York, N. Y. Convertible desk and wall telephone set. 141,641; June 19.

McMillan, James O., and R. E. Parker, Wichita, Kans. Pocket lighter. 142,241; Aug. 21.

McNamara, Cornelius, Flushing, N. Y. Rosary bead or the like. 140,854; Apr. 10.

McNeill, Albert G., and L. N. Olsen, assignors to Bachmann Brothers, Inc., Philadelphia, Pa. Perpetual calendar. 141,924; July 31.

McNine, Francis R., Bridgeport, Conn. Match dispenser. 142,886; Nov. 13.

McPharlin, Paul, New York, N. Y., assignor to Associated Distributors, Inc., Chicago, Ill. Finger rest. 142,327; Aug. 28.

McSwiggen, Francis P., Steubenville, Ohio. Bib or the like. 141,649; June 19.

Meadow, Noel, New York, N. Y. Desk ornament. 141,326; May 22.

Meeks, John C., Woodland, Calif. Wall bracket. 139,885; Jan. 2.

Meeks, John C., Woodland, Calif. Wall vase. 139,886; Jan. 2.

Meeks, John C., Woodland, Calif. Flower holder. 141,054; May 1.

Meeks, John C., Woodland, Calif. Combined bracket and memorandum pad. 141,242; May 15.

Meers, Viola E., Los Angeles, Calif. Toy. 142,575; Oct. 16.

Mehrer, Theodore, assignor to De Wald Radio Mfg. Corp., New York, N. Y. Radio cabinet or the like. 141,147; May 8.

Meier, Joshua, New Rochelle, N. Y. Memorandum pad holder or the like. 142,650; Oct. 23.

Melberg, Ernest, Norway, Iowa. Toy cannon. 141,689; June 26.

Melford, Winnifred, Los Angeles, Calif. Combined coat hanger and jewel container. 143,020; Nov. 27.

Meltz, Julius B.: *See*—
Rubin, I., and Meltz.

Meminger, Paul, Los Angeles, Calif. Facial mask for use in electrotherapy. 140,667; Mar. 27.

Meminger, Paul, Los Angeles, Calif. Electro-therapeutic cabinet. 141,012; Apr. 24.

Meminger, Paul, Los Angeles, Calif. Terminal socket. 142,105; Aug. 14.

Mendsen, Thelma, assignor to Fravessi-Lamont, Inc., New York, N. Y. Paper or the like. 141,917; July 31.

Merchant & Evans Company: *See*—
Peck, Frederic G., assignor.

Mermis, William L., Youngstown, Ohio. Combined shoulder and head rest for throat operations or the like. 141,168; May 8.

Methods Development and Equipment Company: *See*—
Maynard, H. B., and Punton, assignors.

Metzler, Charles L.: *See*—
Geis, L., and Metzler.

Meyer, Carl X., assignor to Day-Brite Lighting, Inc., St. Louis, Mo. Electric fixture hanger plate. 141,024; Apr. 24.

Meyer, Carl X., assignor to Day-Brite Lighting, Inc., St. Louis, Mo. Fluorescent lighting fixture. 142,488; Oct. 2.

Meyer, George W.: *See*—
De Flon, J. G., and Meyer.

Meyer, John F., assignor to The Exhibit Supply Company, Chicago, Ill. Coin controlled amusement apparatus. 140,771; Apr. 10.

Meyer, John F., assignor to The Exhibit Supply Company, Chicago, Ill. Coin-controlled amusement device. 141,095; May 8.

Meyer, Maximilian C., Brooklyn, N. Y. Playing card. 142,436; Sept. 25.

Meyer, Maximilian C., Brooklyn, N. Y. Baseball game device. 142,723; Oct. 30.

Meyerhoefer, Carl E., Brooklyn, N. Y., assignor to Lewyt Corporation. Convertible blackboard-desk. 141,290; May 22.

Meyerhoefer, Carl E., Brooklyn, N. Y., assignor to Lewyt Corporation. Ironing table. 142,261; Aug. 21.

Michael, Fred, Oelwein, Iowa. Automobile tire. 140,668; Mar. 27.

Michaels, John I., Wichita, Kans. Utility fork. 141,948; Aug. 7.

Micheili, Ernesto G., New York, N. Y. Picture frame or similar article. 141,306; May 22.

Michigan Desk Company: *See*—
Brandenburger, Russell E., assignor.

Midland Steel Products Company, The: *See*—
Fitz Gerald, H. R., and Kricker, assignors.

Mid-West Bottle Cap Co.: *See*—
Sonnenberg, Rudolph, assignor.

Migliaccio, Christopher L., Providence, R. I. Pin. 142,724; Oct. 30.

Miles, Charles F.: *See*—
Christner, H. F., Lobley, and Miles.

Miles, John R., West Englewood, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Magnifying glass. 141,690; June 26.

Milks, Pearl F., Chicago, Ill. Nursery bottle holder. 141,555; June 12.

Millard, Dwight H., Norwalk, Calif. Bracelet or similar article. 142,887; Nov. 13.

Miller, Alfred H., Philadelphia, Pa., assignor to Utica Drop Forge & Tool Corporation. Piler. 142,888; Nov. 13.

Miller, Edward W., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Gear finishing machine. 142,145; Aug. 14.

Miller, Edwill B., assignor to Red Lion Table Company, Inc., Red Lion, Pa. Chest of drawers or similar article. 141,374; May 29.

Miller, Edwill B., assignor to Red Lion Table Company, Inc., Red Lion, Pa. Studio bed or similar article. 141,375; May 29.

Miller, Edwill B., assignor to Red Lion Table Company, Inc., Red Lion, Pa. Dresser or similar article. 141,376; May 29.

Miller, Edwill B., assignor to Red Lion Table Company, Inc., Red Lion, Pa. Vanity or similar article. 141,377; May 29.

Miller, George E., and R. N. Bennett, assignors to The Buckeye Traction Ditcher Company, Findlay, Ohio. Overhead cable support for bulldozers or the like. 140,466; Feb. 27.

Miller, Herschael W., Davenport, Iowa. Kitchen cabinet. 142,242; Aug. 21.

Miller, Herchael W., Davenport, Iowa. Kitchen cabinet. 142,243; Aug. 21.

Miller, Homer C., Findlay, Ohio. Bottle lifter. 139,887; Jan. 2.

Miller, Irving, assignor to Spaulding China Company, Inc., New York, N. Y. Pottery animal figure. 140,213; Jan. 30.

Miller, Irving, assignor to Spaulding China Company, Inc., New York, N. Y. Pottery animal figure. 140,214; Jan. 30.

Miller, Irving, assignor to Spaulding China Company, Inc., New York, N. Y. Pottery animal figure. 140,215; Jan. 30.

Miller, Ruth, New York, N. Y. Playing card holder or similar article. 142,962; Nov. 20.

Miller, Sydell, New York, N. Y. Combined shoe tree, shoe horn, and buffer. 141,265; May 15.

Miller, Verlin C., Marion, Ind. Drawing scale. 141,691; June 26.

Miller, William H., Jr., South Orange, N. J. Boat. 142,889; Nov. 13.

Miller, Willis H., Dallas, Tex. Shade for a lamp or similar article. 141,025; Apr. 24.

Miller, Willis H., Dallas, Tex. Light shade or similar article. 142,287; Aug. 21.

Miller, Willis Harold, Dallas, Tex. Lamp or similar article. 143,232; Dec. 18.

Millers Falls Company: *See*—
Coliura, Francesco, assignor.

Millison, Earl G.: *See*—
Fairbairn, W. E., Graninger, and Millison.

Mills, Aubrey R., Southgate, England. Die casting machine. 143,089; Dec. 4.

Mills, Le Roy G., Bronxville, N. Y. Suggestion cabinet. 141,890; July 31.

Milton Sturn & Company: *See*—
Burlin, Leslie H., assignor.

Milwaukee Lace Paper Company: *See*—
Hamilton, Kenneth C., assignor.

Mims, George L., St. George, S. C. Combined baby rattle and teething device, or similar article. 140,445; Feb. 27.

Minaisian, Seth, Providence, R. I. Jewelry cross. 140,738; Apr. 3.

Mine Safety Appliances Company: *See*—
Littlefield, J. B., Schneider, and Yant, assignors.
Schneider, John H., assignor.

Mirer and Cooper: *See*—
Brooke, Ellen, assignor.

Mirsky, Sara, New York, N. Y. Dickey. 141,723; June 26.

Mirsky, Sara, New York, N. Y. Dickey. 141,784; July 3.

Mission Hosiery Mills: *See*—
Gilbert, Henry, assignor.

Misuraca, Louis J., Glendale, Calif. Combined display stand and container for perfumery. 140,772; Apr. 10.

Mitchell, Rose, Cleveland, Ohio. Doll. 141,177; May 8.

Moeller, William C., assignor to A. F. Parmalee, doing business as United States Safety Service Co., Kansas City, Mo. Eye shield front. 142,221; Aug. 21.

Mogabgab, Anice, New York, N. Y. Handkerchief or similar article. 141,903; July 31.

Mogabgab, Anice, New York, N. Y. Handkerchief or similar article. 141,904; July 31.

Mogabgab, Winifred S., New York, N. Y. Handkerchief or similar article. 141,905; July 31.

Mogen, Maxwell D., New York, N. Y. Picture frame. 141,650; June 19.

Moloney, Raymond T.: *See*—
Collins, Edward J., assignor.
Nelson, Nels A., assignor.

Monarch Governor Company: *See*—
Perry, Frank C., assignor.

Moncer, Ernest O., Huntington, W. Va. Vase. 140,823; Apr. 10.

Moncer, Ernest O., Huntington, W. Va. Wall vase. 140,670; Mar. 27.

Montague, George E., Venice, and R. C. Romero, Los Angeles, Calif. Hobbyhorse. 142,651; Oct. 23.

Montague, Harry, et al.: *See*—
Trilling, D. M., and Rich, assignors.

Montandon, Wayne E.: *See*—
Remillong, A. H., and Montandon.

Montanye, Carlyle N., Baltimore, Md. Calendar stand or similar article. 140,365; Feb. 20.

Montgomery Ward & Co., Incorporated: *See*—
Cash, Cecil C., assignor.
Gutz, R. T., and Swainson, assignors.
Muerle, Richard W., assignor.
Swainson, A., and Gutz, assignors.

Moor, Dudley W., Jr., et al.: *See*—
Coble, Earl W., assignor.
Muntz, Erwin W., assignor.
Wallner, George M., assignor.

Moore, Earl E., Los Angeles, Calif. Combination toy and advertising novelty. 141,096; May 8.

Moore, Forrest P. and M. C. Ontario, Calif. Pompom ornament for shoes, or similar articles. 140,041; Jan. 16.

Moore, Howard L., Cochranton, Pa. Calendar stand or similar article. 140,366; Feb. 20.

Moore, Howard L., Cochranton, Pa. Combined key holder and identification device. 140,669; Mar. 27.

Moore, James Gordon, Los Angeles, Calif. Combined bottle opener and cutter or similar article. 143,233; Dec. 18.

Moore, Matilda C.: *See*—
Moore, Forrest P. and M. C.

Moran, Ralph V., Bradford, Pa. Coin bank. 142,106; Aug. 14.

Moreman, Jules L., Scarsdale, N. Y. Display figure. 139,865; Jan. 2.

Morgan, Clyde G.: *See*—
Carlson, E. B., and Morgan.

Morrey, Katherine H., Chicago, Ill. Combination baby bath and dressing stand. 142,107; Aug. 14.

Morris Distributing Company, Inc.: *See*—
Horowitz, Benjamin, assignor.

Morris, Harry, Chicago, Ill. Cigarette case or similar article. 142,108; Aug. 14.

Morris, Robert B., Hollywood, Calif. Die. 140,084; Jan. 23.

Morris, Robert B., Hollywood, Calif. Die. 142,576; Oct. 16.

Morrison, John W., Cincinnati, Ohio. Lighting fixture. 143,336; Dec. 25.

Morrow, Clarence H., Shaker Heights, assignor to The Hotstream Heater Company, Cleveland, Ohio. Container for water treating material. 142,577; Oct. 16.

Morrow, Frank, Scituate, R. I. Jewelry pin or similar article. 142,035; Aug. 14.

Morrow, Frank, Scituate, R. I. Jewelry pin or similar article. 142,109; Aug. 14.

Morrow, Frank, Scituate, R. I. Jewelry pin or similar article. 142,110; Aug. 14.

Morrow, Frank, Scituate, R. I. Jewelry pin or similar article. 142,222; Aug. 21.

Morrow, Frank, Scituate, R. I. Jewelry pin or similar article. 142,223; Aug. 21.

Morrow, Frank, Scituate, R. I. Jewelry pin or similar article. 142,224; Aug. 21.

Morrow, Frank, Scituate, R. I. Jewelry pin or similar article. 142,225; Aug. 21.

Morrow, Frank, Scituate, R. I. Jewelry pin or similar article. 142,652; Oct. 23.

Morrow, Frank, Scituate, R. I. Jewelry pin or similar article. 142,725; Oct. 30.

Morrow, Frank, Johnston, R. I. Jewelry pin or similar article. 142,288; Aug. 21.

Morrow, Frank, Johnston, R. I. Jewelry pin or similar article. 142,289; Aug. 21.

Morrow, Frank, Johnston, R. I. Earring. 142,290; Aug. 21.

Morrow, Frank, Johnston, R. I. Jewelry pin or similar article. 142,292; Aug. 21.

Morrow, Frank, Johnston, R. I. Jewelry pin or similar article. 142,489; Oct. 2.

Morrow, Frank, Johnston, R. I. Jewelry pin or similar article. 142,726; Oct. 30.

Morrow, Frank, Johnston, R. I. Jewelry pin or similar article. 142,727; Oct. 30.

Morrow, Frank, Johnston, R. I. Jewelry pin or similar article. 142,728; Oct. 30.
Morrow, Frank, Johnston, R. I. Jewelry pin or similar article. 142,729; Oct. 30.
Morrow, Frank, Johnston, R. I. Jewelry pin or similar article. 142,730; Oct. 30.
Morrow, Frank, Johnston, R. I. Jewelry pin or similar article. 142,731; Oct. 30.
Morrow, Frank, Johnston, R. I. Jewelry pin or similar article. 142,732; Oct. 30.
Morrow, Frank, Johnston, R. I. Jewelry pin or similar article. 142,733; Oct. 30.
Morrow, Frank, Johnston, R. I. Jewelry pin or similar article. 142,734; Oct. 30.
Morrow, Frank, Johnston, R. I. Jewelry pin or similar article. 142,735; Oct. 30.
Morrow, Frank, Johnston, R. I. Earring. 142,736; Oct. 30.
Morrow, Frank, Johnston, R. I. Earring. 142,890; Nov. 13.
Morrow, Frank, Johnston, R. I. Earring. 142,891; Nov. 13.
Morrow, Frank, Johnston, R. I. Earring. 142,892; Nov. 13.
Morrow, Frank, Johnston, R. I. Jewelry pin or similar article. 142,893; Nov. 13.
Morrow, Frank, Johnston, R. I. Jewelry pin or similar article. 142,894; Nov. 13.
Morrow, Frank, Johnston, R. I. Jewelry pin or similar article. 142,895; Nov. 13.
Morrow, Frank, Johnston, R. I. Jewelry pin or similar article. 142,896; Nov. 13.
Morrow, Frank, Johnston, R. I. Jewelry pin or similar article. 142,897; Nov. 13.
Morrow, Frank, Johnston, R. I. Jewelry pin or similar article. 142,898; Nov. 13.
Morrow, Frank, Johnston, R. I. Jewelry pin or similar article. 142,899; Nov. 13.
Morrow, Frank, Johnston, R. I. Jewelry pin or similar article. 142,900; Nov. 13.
Morrow, Frank, Johnston, R. I. Jewelry pin or similar article. 142,901; Nov. 13.
Morrow, Frank, Johnston, R. I. Earring. 142,963; Nov. 20.
Morrow, Frank, Johnston, R. I. Jewelry pin or similar article. 143,151; Dec. 11.
Morrow, Frank, Johnston, R. I. Jewelry pin or similar article. 143,152; Dec. 11.
Morrow, Frank, Johnston, R. I. Jewelry pin or similar article. 143,153; Dec. 11.
Morrow, Frank, Johnston, R. I. Jewelry pin or similar article. 143,154; Dec. 11.
Morrow, Frank, Johnston, R. I. Jewelry pin or similar article. 143,155; Dec. 11.
Morrow, Frank, Johnston, R. I. Jewelry pin or similar article. 143,156; Dec. 11.
Morrow, Frank, Johnston, R. I. Jewelry pin or similar article. 143,234; Dec. 18.
Morrow, Frank, Johnston, R. I. Earring. 143,235; Dec. 18.
Morrow, Frank, Johnston, R. I. Jewelry pin or similar article. 143,337; Dec. 25.
Morrow, Frank, Johnston, R. I. Earring. 143,338; Dec. 25.
Morrow, Frank, Johnston, R. I. Earring. 143,339; Dec. 25.
Morse, Robert D., Monroe, Mich. Nursing bottle. 140,467; Feb. 27.
Moses, George, Savanna, Ill. Watch case. 140,278; Feb. 6.
Moses, Jean, New York, N. Y. Bond and policy folder, or the like. 139,888; Jan. 2.
Moss, Maurice, New York, N. Y. Brooch pin or similar article. 140,916; Apr. 17.
Moss, Nathaniel, Brooklyn, N. Y. Tray or article of similar nature. 142,902; Nov. 13.
Mottet, Charles S., Chicago, Ill. Sink cabinet. 140,056; Jan. 16.
Mottet, Charles S., Chicago, Ill. Sink cabinet. 140,057; Jan. 16.
Mottet, Charles S., Chicago, Ill. Sink cabinet. 140,058; Jan. 16.
Mottet, Charles S., Chicago, Ill. Wall cabinet. 140,216; Jan. 30.
Moyer, Peter: *See*—
Remesch, J., Eyring, and Moyer.
Mueller, Arnold H., Monroe, Wis. Calculator. 142,226; Aug. 21.
Muerle, Richard W., Springfield, assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Bench cream separator. 142,437; Sept. 25.
Mulbath, Herman C., Los Angeles, and M. L. Wesley, Pasadena, Calif. Toolholder. 141,835; July 10.
Muldoon, Elwood J., Detroit, Mich. Template. 142,653; Oct. 23.
Muldoon, William J., Hempstead, assignor to Control Instrument Company, Inc., Brooklyn, N. Y. Casing for telephone units. 140,289; Feb. 6.
Muller-Munk, Peter, Pittsburgh, Pa., assignor to Illinois Watch Case Co., Elgin, Ill. Vanity case. 143,157; Dec. 11.
Mullins Manufacturing Corporation: *See*—
Benson, John H., assignor.
Stanitz, Jacques, assignor.
Muntz, Erwin W., Ottawa Lake, Mich., assignor to D. W. Moor, Jr., and E. M. Belknap, Toledo, Ohio. Wheeled toy. 140,614; Mar. 20.
Muntz, Erwin W., Ottawa Lake, Mich., assignor to D. W. Moor, Jr., and E. M. Belknap, Toledo, Ohio. Wheeled toy. 141,013; Apr. 24.
Murphy, James T., Boston, Mass. Cigarette rest and extinguisher. 143,021; Nov. 27.
Murphy, Norman B., Englewood, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Automatic pilot turn control unit for aircraft. 143,340; Dec. 25.
Murphy, William H.: *See*—
Kritske, Victor J., assignor.
Murray Corporation of America, The: *See*—
Trombley, Bertrand N., assignor.
Murray, Selma V., Kansas City, Mo. Pottery piece. 142,490; Oct. 2.
Musselman, Henry E., and W. H. Buck, Kalamazoo, Mich. Combined cigarette and igniter case 140,571; Mar. 13.
Myers, Lewis, Providence, and E. H. Gartner, Edgewood, R. I. Golf club head. 140,085; Jan. 23.
Myers, Ralph E., Kansas City, Mo. Dispenser for cigarettes or like articles. 141,410; May 29.
Myers, Raymond L., U. S. Army, Bexar County, Tex. Desk. 140,514; Mar. 6.
Myers, Raymond L., U. S. Army, Broome County, N. Y. Desk. 142,525; Oct. 9.
Myers, Raymond L., U. S. Army, Broome County, N. Y. Desk. 142,526; Oct. 9.
Myers, Raymond L., U. S. Army, Broome County, N. Y. Desk. 142,527; Oct. 9.
Nachman, Jack: *See*—
Nachman, Joseph and Jack.
Nachman, Jack and J., Philadelphia, Pa. Blouse. 141,576; June 12.
Nachman, Joseph: *See*—
Nachman, Jack and J.
Nachman, Joseph and Jack, Philadelphia, Pa. Apron 140,532; Mar. 6.
Nagle, Lewis L.: *See*—
Mazen, W., and Nagle.
Nahser, Frank C., assignor to J. L. Priest, Chicago, Ill. Bottle. 140,394; Feb. 20.
Nanna, Frank S., North Lake Village, Ill. Combination baby walker and stroller. 141,216; May 15.
Nash, Daniel J., New York, N. Y. Billfold or similar article. 141,934; July 31.
Nash, Daniel J., New York, N. Y. Billfold or similar article. 141,935; July 31.
Nash, Daniel J., New York, N. Y. Billfold or similar article. 141,936; July 31.
National Acme Company, The: *See*—
Driesner, Alfred E., assignor.
National Bank of Bloomington, The, executor, et al.: *See*—
Cornish, Irving R.
National Carton & Label Corp.: *See*—
Gruber, Gilbert S., assignor.
National Die Casting Company: *See*—
Chapman, Dave, assignor.
National Lock Company: *See*—
North, Edwin W., assignor.
Stone, Roy A., assignor.
National Pressure Cooker Company: *See*—
Stedman, William J., assignor.
National Silver Company: *See*—
Summon, Shirley, assignor.
Weeks, Wendy, assignor.
Nazare, Francois, New York, N. Y. Necklace. 142,111; Aug. 14.
Neal, Harry E., Columbus, Ohio. Highway marker. 141,768; July 3.
Neff, Wallace, Los Angeles, Calif. Aeroplane hangar. 139,953; Jan. 9.
Neff, Wallace, Los Angeles, Calif. House. 140,059; Jan. 16.
Neff, Wallace, Los Angeles, Calif. House. 140,060; Jan. 16.
Negbaur, Harry, New York, N. Y. Pocket lighter or the like. 141,785; July 3.
Nehls, Charles H., Detroit, Mich., assignor to Independent Lock Company, Fitchburg, Mass. Night latch or similar article. 141,217; May 15.
Neiser, Joseph, Miami, Fla. Spatula. 141,123; May 8.
Neiser, Joseph, Miami, Fla. Set of dominoes. 142,491; Oct. 2.
Nelson, Leonard, New York, assignor to Columbia Precision Products Corp., Long Island City, N. Y. Compact. 143,158; Dec. 11.
Nelson, Leonard, New York, assignor to Columbia Precision Products Corp., Long Island City, N. Y. Compact. 143,159; Dec. 11.
Nelson, Nels A., assignor to Raymond T. Moloney, Chicago, Ill. Game cabinet. 143,236; Dec. 18.
Nelson, Ted, San Leandro, Calif. Stud welding machine. 143,090; Dec. 4.
Nemeth, Otto R., assignor to Products Development, Inc., Chicago, Ill. Motion picture projector. 140,426; Feb. 27.
Nemeth, Otto R., assignor to Products Development, Inc., Chicago, Ill. Sound head for motion picture projectors. 140,427; Feb. 27.
Nemeth, Otto R., assignor to Products Development, Inc., Chicago, Ill. Motion picture film gate. 140,428; Feb. 27.

Nemeth, Otto R., assignor to Products Development, Inc., Chicago, Ill. Cover casing for a picture projector or the like. 140,429; Feb. 27.
Nemeth, Otto R., assignor to Products Development, Inc., Chicago, Ill. Lamp housing for picture projecting apparatus or the like. 140,515; Mar. 6.
Nemeth, Otto R., assignor to Products Development, Inc., Chicago, Ill. Elevation adjusting device for picture projectors or the like. 140,615; Mar. 20.
Nemeth, Otto R., assignor to Products Development, Inc., Chicago, Ill. Film shoe for motion picture apparatus or the like. 141,148; May 8.
Nemeth, Otto R., assignor to Products Development, Inc., Chicago, Ill. Lens mount or the like. 141,692; June 26.
Neo Plastics Products Company: *See*—
Soussloff, Gregory, assignor.
Nerney, George E., assignor to Bay State Optical Company, Attleboro, Mass. Spectacle front. 142,036; Aug. 14.
Nesbit, James R., Chicago, Ill. Doll. 140,824; Apr. 10.
Nesbit, James R., Chicago, Ill. Doll. 140,825; Apr. 10.
Nessen, Walter F.: *See*—
Holland, R. L., and Nessen.
Nesson, Samuel, Newton Center, Mass. Overall. 140,698; Mar. 27.
Nethercutt, Jack B., Santa Monica, Calif. Combined cigarette and match case. 141,149; May 8.
Neuberger, Paul: *See*—
Freund, M., and Neuberger.
Neuhaus, Edith: *See*—
Fromm, Edith.
Neville, Sylvia R., New York, N. Y. Hat. 141,411; May 29.
New, Eunice, formerly Dennice New, South Jacksonville, Fla. Bell toy. 142,964; Nov. 20.
Newhall, John K., Aurora, Ill. Stock tank heater. 139,889; Jan. 2.
Newhall, John K., Aurora, Ill. Stock tank heater. 140,194; Jan. 30.
Newman, Alexander L., River Forest, assignor to Precision Scientific Co., Chicago, Ill. Gas analyzing apparatus. 142,227; Aug. 21.
Newman, Richard, New York, N. Y. Cigarette box. 140,290; Feb. 6.
Newport, Jesse H., Jr., Upper Darby, Pa., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Compact or the like. 141,055; May 1.
Newport, Jesse H., Jr., Upper Darby, Pa., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Compact. 142,578; Oct. 16.
Newport, Jesse H., Jr., Upper Darby, Pa., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Bottle. 142,654; Oct. 23.
Newsome, Howard P. G., New Orleans, La. Golf club head. 141,307; May 22.
Newsome, Howard P. G., New Orleans, La. Golf club head. 141,769; July 3.
Nicholson, Elwood, J., Los Angeles, assignor to Photo Research Corporation, San Fernando, Calif. Light meter. 142,439; Sept. 25.
Nisenson, Jules, assignor to Publix Metal Products, Inc., New York, N. Y. Venetian blind head-bar center support. 140,291; Feb. 6.
Nitardy, Carl, New York, N. Y. Fluorescent lighting fixture. 140,343; Feb. 13.
Nock, Harold E., assignor to Towle Manufacturing Company, Newburyport, Mass. Fork or analogous article. 141,308; May 22.
Nock, Harold E., assignor to Towle Manufacturing Company, Newburyport, Mass. Fork or analogous article. 141,693; June 26.
Nock, Harold E., assignor to Towle Manufacturing Company, Newburyport, Mass. Fork or analogous article. 141,694; June 26.
Nock, Harold E., assignor to Towle Manufacturing Company, Newburyport, Mass. Fork or analogous article. 141,695; June 26.
Noma Electric Corporation: *See*—
Larsen, Olai F., Jr., assignor.
Norcross, Maura, Manville, R. I. Monument. 141,218; May 15.
Nordberg, Charles H., assignor to Pettibone Mulliken Corporation, Chicago, Ill. Hub switch stand. 141,996; Aug. 7.
Nordic Silver Co., Inc.: *See*—
Bieberbach, Frederick, assignor.
Norman, Emile, El Monte, Calif., assignor to Lucien Lelong, Inc., Chicago, Ill. Plastic box or the like. 141,266; May 15.
Norman, Emile, El Monte, Calif., assignor to Lucien Le Long, Inc., Chicago, Ill. Ornamental box or similar article. 141,848; July 10.
Norman, Emile, El Monte, Calif., assignor to Lucien Lelong, Inc., Chicago, Ill. Cap for lipstick holder or the like. 142,965; Nov. 20.
Norman, Emile, El Monte, Calif., assignor to Lucien Lelond, Inc., Chicago, Ill. Lipstick holder or the like. 143,022; Nov. 27.
Norquist, Victor C., and W. B. Larkin, assignors to Butler Manufacturing Company, Kansas City, Mo. Grain bin. 141,498; June 5.
Norris, Thomas W., Milwaukee, Wis. Desk calendar unit. 141,267; May 15.
Norris, Thomas W., Milwaukee, Wis. Desk calendar unit. 141,268; May 15.
Norris, William A., Alhambra, Calif. Humidifier. 142,737; Oct. 30.
North, Edwin M., assignor to National Lock Company, Rockford, Ill. Oven door handle. 143,023; Nov. 27.
Novak, Edward J., Chicago, Ill. Toy shoe house. 142,528; Oct. 9.
Nudelman, Eolna, Chicago, Ill. Toy dredge. 141,925; July 31.
Nurre Companies, Inc., The: *See*—
McDonald, William H., assignor.
Nu Tone Incorporated: *See*—
Corbett, Joseph R., assignor.
Nutter, Reginald T., Chesham Bois, and F. R. Lord, Terriers, assignors to Ingersoll Limited, High Wycombe, England. Variable electrical condenser. 140,108; Jan. 23.
Nuvoplas Corporation: *See*—
Casalino, Joseph, assignor.
O'Brien, Florence M., Los Angeles, Calif. Shoulder pads. 140,269; Feb. 6.
Ocean City Manufacturing Company: *See*—
Hirsch, Stephen G., assignor.
Odin Corporation: *See*—
Svenson, E. J., Peterson, and Stone, assignors.
O'Donnell, Todd, Chicago, Ill., assignor to Estate of Harold L. De Lisle, a trust, doing business as Engineering Manufacturing Company, Sheboygan, Wis. Statuette. 141,799; July 3.
Oen, Francis F., Denver, Colo. Clothespin. 141,638; June 19.
Oertle, Lawrence C., Sr., Milwaukee, Wis. Scaffold frame. 143,341; Dec. 25.
Ohm, Albert J. D., assignor to Markel Electric Products, Inc., Buffalo, N. Y. Electric light bowl. 142,579; Oct. 16.
Ohm, Albert J. D., assignor to Markel Electric Products, Inc., Buffalo, N. Y. Electric light bowl. 142,580; Oct. 16.
Ohm, Albert J. D., assignor to Markel Electric Products, Inc., Buffalo, N. Y. Electric light bowl. 142,581; Oct. 16.
Ohm, Albert J. D., assignor to Markel Electric Products, Inc., Buffalo, N. Y. Electric light bowl. 142,582; Oct. 16.
Ohm, Albert J. D., assignor to Markel Electric Products, Inc., Buffalo, N. Y. Electric light bowl. 142,583; Oct. 16.
Olay, Andrew J., Flint, Mich. Flag display stand or similar article. 140,626; Mar. 20.
O'Leary, Stephen G., Detroit, Mich. Game board. 142,112; Aug. 14.
Olevin, Adolph, New York, N. Y. Lipstick case. 140,715; Apr. 3.
Olin, Maurice E., Vancouver, Wash. Smoker stand. 143,024; Nov. 27.
Oliver, Leo E., Sanger, Calif. Airplane. 142,492; Oct. 2.
Olson, Albert, St. Paul, assignor to Fibro Container Corporation, Minneapolis, Minn. Child's game table. 141,918; July 31.
Olmsted, Roger W., San Francisco, Calif. Outdoor signboard. 141,309; May 22.
Olsen, Lawrence N.: *See*—
McNeill, A. G., and Olsen.
Olson, Clarence A., Minneapolis, Minn. Computer. 143,160; Dec. 11.
Olson, Hans P., Racine, Wis. Rolling plug bait. 140,296; Feb. 6.
Olson, Wilbur K., assignor to W. A. Sheaffer Pen Company, Fort Madison, Iowa. Fountain pen desk stand unit. 142,385; Sept. 25.
Olson, Wilbur K., assignor to W. A. Sheaffer Pen Company, Fort Madison, Iowa. Fountain pen or the like. 142,386; Sept. 25.
Olson, Wilbur K., assignor to W. A. Sheaffer Pen Company, Fort Madison, Iowa. Fountain pen or the like. 142,387; Sept. 25.
Olson, Wilbur K., Fort Madison, Iowa. Fountain pen. 142,388; Sept. 25.
Olson, Wilbur K., assignor to W. A. Sheaffer Pen Company, Fort Madison, Iowa. Fountain pen. 142,389; Sept. 25.
Olson, Wilbur K., and L. P. Martin, assignors to W. A. Sheaffer Pen Company, Fort Madison, Iowa. Fountain pen. 142,390; Sept. 25.
Olszewski, Edward, Detroit, Mich. Razor blade holder for sharpening. 140,516; Mar. 6.
Onofrio, Carmeno A., Gorham, N. H. Material loading machine. 141,556; June 12.
Oppenheim, Stanley J., New York, N. Y. Textile fabric. 140,481; Feb. 27.
Oppenheim, Stanley J., New York, N. Y. Textile fabric. 141,499; June 5.
Oppenheim, Stanley J., New York, N. Y. Textile fabric. 141,500; June 5.
Orme, Wilbur L., Cambridge, Ohio. Goblet or similar article. 140,826; Apr. 10.
Orme, Wilbur L., Cambridge, Ohio. Bowl or similar article. 141,034; May 1.
Ornas, Theodore: *See*—
Walker, G. W., and Ornas, assignors.
Ostier, Marianne, New York, N. Y. Combined finger ring and watch. 141,696; June 26.

Otto, Ferdinand P., assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth. 140,430; Feb. 27.
Otto, Ferdinand P., assignor to Quake Lace Company, Philadelphia, Pa. Lace tablecloth. 140,431; Feb. 27.
Otto, Ferdinand P., assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth. 142,113; Aug. 14.
Otto, Ferdinand P., assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth. 142,114; Aug. 14.
Otto, Ferdinand P., assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth. 142,115; Aug. 14.
Overend, Henry, Liverpool, England. Game board. 141,439; June 19.
Owens, Thomas B., Cleveland, Ohio. Mail receptacle or similar article. 142,493; Oct. 2.
Owens, Thomas B., Cleveland, Ohio. Crocheting stand or the like. 142,903; Nov. 13.
Pache, Louise, Calvert, Kans. Cake. 141,714; June 26.
Pachner & Koller, Inc.: *See*—
Sharps, George J., assignor.
Paddock, Ormond H., Rossford, assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Refrigerator shelf. 142,904; Nov. 13.
Paden, Frederick T., U. S. Army, Collingswood, N. J. Costumer. 141,786; July 3.
Paden, Frederick T., Collingswood, N. J. Combined field desk and trunk. 142,262; Aug. 21.
Padgitt, Jesse D., Dallas, Tex. Blind for bridles. 140,879; Apr. 17.
Page, Edward H., Baltimore, Md. Helicopter. 141,378; May 29.
Page, Herbert E., Alhambra, Calif. Hydraulic jack. 140,517; Mar. 6.
Page, Herbert E., Alhambra, Calif. Hydraulic jack. 140,518; Mar. 6.
Page, Herbert E., Alhambra, Calif. Electric toaster. 142,037; Aug. 14.
Pahlow, Gustav C., Galesburg, Ill., assignor to Victor Casket Hardware Company. Casket handle lug. 140,945; Apr. 24.
Paley, Albert A., Kew Gardens, assignor to Eagle Automatic Sales Corp., New York, N. Y. Dispensing unit. 140,544; Mar. 13.
Palma, Joseph, Jr., Madison, Wis. Weighing scale. 141,724; June 26.
Pantzer, Arthur, New York, N. Y. Lighter or similar article. 143,342; Dec. 25.
Panzer, William C., Chicago, Ill. Stool. 141,379; May 29.
Panzer, William C., Chicago, Ill. Ash tray or similar article. 143,091; Dec. 4.
Papkin, David, assignor to Sargent & Company, New Haven, Conn. Food chopper. 142,789; Nov. 6.
Pares, Thomas A., Milwaukee, Wis. Device for teaching lacing. 143,237; Dec. 18.
Park, Arthur Y., Los Angeles, Calif. Fabric. 140,774; Apr. 10.
Park, Arthur Y., Los Angeles, Calif. Fabric. 140,775; Apr. 10.
Park, Arthur Y., Los Angeles, Calif. Fabric. 140,776; Apr. 10.
Park, Arthur Y., Los Angeles, Calif. Fabric. 140,777; Apr. 10.
Park, Arthur Y., Los Angeles, Calif. Fabric. 140,880; Apr. 17.
Park, Arthur Y., Los Angeles, Calif. Fabric. 140,881; Apr. 17.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 139,964; Jan. 9.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 139,965; Jan. 9.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 139,966; Jan. 9.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 139,967; Jan. 9.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 139,968; Jan. 9.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 139,969; Jan. 9.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 139,970; Jan. 9.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 139,971; Jan. 9.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 139,972; Jan. 9.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 139,973; Jan. 9.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 139,974; Jan. 9.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 139,975; Jan. 9.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 139,976; Jan. 9.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 139,977; Jan. 9.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 139,978; Jan. 9.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 139,979; Jan. 9.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 139,980; Jan. 9.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 139,981; Jan. 9.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 139,982; Jan. 9.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 139,983; Jan. 9.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 139,984; Jan. 9.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 139,985; Jan. 9.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 139,986; Jan. 9.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 139,987; Jan. 9.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 139,988; Jan. 9.
Park, Arthuh Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 139,989; Jan. 9.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 139,990; Jan. 9.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 139,991; Jan. 9.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 139,992; Jan. 9.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 139,993; Jan. 9.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 140,022; Jan. 16.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 140,023; Jan. 16.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 140,024; Jan. 16.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 140,025; Jan. 16.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 140,042; Jan. 16.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 140,043; Jan. 16.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 140,101; Jan. 23.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 140,102; Jan. 23.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 140,195; Jan. 30.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 140,482; Feb. 27.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 140,483; Feb. 27.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 141,327; May 22.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 141,328; May 22.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 141,329; May 22.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 141,330; May 22.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 141,432; May 29.
Park, Arthur Y., Los Angeles, Calif., assignor to Goldinger Fabrics Company. Fabric. 143,343; Dec. 25.
Park, Arthur Y., Los Angeles, Calif., assignor to Goldinger Fabrics Company. Fabric. 143,344; Dec. 25.
Park, Arthur Y., Los Angeles, Calif., assignor to Goldinger Fabrics Company. Fabric. 143,345; Dec. 25.
Park, Arthur Y., Los Angeles, Calif., assignor to Goldinger Fabrics Company. Fabric. 143,346; Dec. 25.
Park, Arthur Y., Los Angeles., Calif., assignor to Goldinger Fabrics Company. Fabric. 143,347; Dec. 25.
Park Sherman Co., Inc.: *See*—
Horsley, James H., assignor.
Parker, Ralph E.: *See*—
McMillan, J. O., and Parker.
Parker, Thomas J., assignor of one-half to L. S. Ausdenmoore, Cincinnati, Ohio. Toy. 141,697; June 26.
Parkin, John C., Snyder, and S. A. Bucholtz, assignors of one-third to W. K. Breckenridge, Buffalo, N. Y. Motor vehicle. 142,738; Oct. 30.
Parmalee, A. F., et al.: *See*—
Moeller, William C., assignor.
Parsons, Wallace E., and W. H. Randall, Waterville, Maine, assignors, by mesne assignments, to The Canal National Bank of Portland, trustee, Portland, Maine. Pack for fragile articles. 142,116; Aug. 14.
Parsons, Wallace E., and W. H. Randall, Waterville, Maine, assignors, by mesne assignments, to The Canal National Bank of Portland, trustee, Portland, Maine. Pack for fragile articles. 142,117; Aug. 14.
Parsons, Wallace E., and W. H. Randall, Waterville, Maine, assignors, by mesne assignments, to The Canal National Bank of Portland, trustee, Portland, Maine. Pack for fragile articles. 142,118; Aug. 14.
Parsons, Wallace E., and W. H. Randall, Waterville, Maine, assignors, by mesne assignments, to The Canal National Bank of Portland, trustee, Portland, Maine. Pack for fragile articles. 142,119; Aug. 14.
Pascal, Otto, Brooklyn, N. Y. Combined shoe and umbrella bag. 140,519; Mar. 6.
Pascal, Otto, Brooklyn, N. Y. Umbrella bag. 140,671; Mar. 27.
Pass & Seymour, Inc.: *See*—
Lescaze, William, assignor.
Patecell, Theodore C., Jackson Heights, N. Y. Amphibian airplane. 141,426; May 29.
Patent License Corporation: *See*—
Adrian, William M., assignor.
Arenberg, Albert L., assignor.
Zimmerman, Edward C., assignor.

Patten, Wilbert H., Trenton, N. J. Combined valve seat and overflow connection. 140,966; Apr. 24.
Pattison, Merrill R., Beattie, Wash. Toy machine gun. 140,432; Feb. 27.
Paul, Anthony: *See*—
Albanese, M., and Paul.
Paul, Harold G., New York, N. Y. Brassière or similar article. 140,484; Feb. 27.
Paul, Raymond, assignor to I. Gold, Chicago, Ill. Pull toy. 140,882; Apr. 17.
Paul, Walter, assignor to E. M. Vernon, San Francisco, Calif. Animal toy. 141,982; Aug. 7.
Paul, Walter, assignor to E. M. Vernon, San Francisco, Calif. Animal toy. 141,983; Aug. 7.
Pavelka, Joseph, St. Louis, Mo. Bread toaster casing 142,146; Aug. 14.
Pavese, Muri H., Pacoima, Calif. Curtain-drapery bracket. 140,446; Feb. 27.
Paxton, Arlie L., executor, et al.: *See*—
Cornish, Irving R.
Paxton, George N., et al.: *See*—
Cornish, Irving R., assignor.
Paxton, John W., et al.: *See*—
Cornish, Irving R., assignor.
Pearce, Herbert, Meadville, Pa. Garden cultivator. 142,174; Aug. 14.
Pease, Henry E., et al.: *See*—
Hitzeman, Henry C., assignor.
Peace Light Co., The: *See*—
Dannell, Arthur G., assignor.
Pearson, Joseph T., Jr., Huntingdon Valley, Pa. Shoe shine box. 143,092; Dec. 4.
Peck, Frederic G., Upper Darby, assignor to Merchant & Evans Company, Philadelphia, Pa. Refrigerating unit. 143,161; Dec. 11.
Peckerman, Charles, assignor to Everbest Engineering Corp., New York, N. Y. Bracket for supporting wires. 141,427; May 29.
Pedersen, Holger, New York, N. Y. Shield. 141,907; Aug. 7.
Pedersen, Peter O., Oakland, Calif. Display case. 141,966; Aug. 7.
Peerless Tool and Engineering Co.: *See*—
Andresen, Raymond H., assignor.
Peltier, Leslie C., assignor to The Delphos Bending Company, Delphos, Ohio. Infant's chair or similar article. 141,076; May 1.
Pence, William A., Adell, assignor to Enger-Kress Company, West Bend, Wis. Billfold. 141,310; May 22.
Pence, William A., Adell, assignor to Enger-Kress Company, West Bend, Wis. Billfold. 141,311; May 22.
Pence, William A., Adell, assignor to Euger-Kress Company, West Bend, Wis. Billfold. 141,380; May 29.
Pence, William A., Adell, assignor to Euger-Kress Company, West Bend, Wis. Billfold. 141,381; May 29.
Pence, William A., Adell, assignor to Enger-Kress Company, West Bend, Wis. Billfold. 143,093; Dec. 4.
Pence, William A., Adell, and L. S. Spielmann, assignors to Enger-Kress Company, West Bend, Wis. Billfold. 141,836; July 10.
Penn Electric Switch Co.: *See*—
Redsecker, Wilbert W., assignor.
Penndorf, Richard H., Scarsdale, N. Y., assignor to Columbia Protektosite Co., Inc., Carlstadt, N. J. Toy crib. 142,348; Aug. 28.
Pentz, Benjamin H., and G. Berlin, assignors to Wolfe & Mann Device Co., Baltimore, Md. Napkin ring. 141,501; June 5.
Pereira, Virginia, New York, N. Y. Fastening clip or the like. 141,502; June 5.
Perrault, Ernest, Chicopee Falls, Mass. Cap form. 141,651; June 19.
Perrin, Harry C., Grass Valley, Calif. Game board. 142,194; Aug. 14.
Perry, Frank C., assignor to Monarch Governor Company, Detroit, Mich. Chuck or similar article. 141,243; May 15.
Pertz, John, assignor to West Virginia Glass Specialty Company, Incorporated, Weston, W. Va. Drinking glass or similar article. 140,643; Mar. 20.
Peruggi, Ernest, Brooklyn, assignor to Irwin Corporation, New York, N. Y. Doll. 141,657; June 19.
Pestyner, Philip, Jamaica, N. Y. Necktie rack. 143,348; Dec. 25.
Petersen, Vernell, Paul, Los Angeles, Calif. Vase or similar article. 143,162; Dec. 11.
Peterson, Clyde A., assignor to Wells-Gardner & Co. Chicago, Ill. Radio cabinet. 142,155; Aug. 14.
Peterson, Gustaf J.: *See*—
Svenson, E. J., Peterson, and Stone, assignors.
Peterson, Oscar R., Oakland, and R. A. Peterson, San Leandro, Calif. Power unit. 142,494; Oct. 2.
Peterson, Robert A.: *See*—
Peterson, Oscar R. and R. A.
Peterson, Wilbur P., Kansas City, Mo. Handle for saws or like articles. 141,906; July 31.
Petitta, Mario, New York, N. Y. Combined hair stay and fastening means. 141,169; May 8.
Petitta, Mario, New York, N. Y. Hair curling device or similar article. 143,163; Dec. 11.
Pettibone Mulliken Corporation: *See*—
Nordberg, Charles H., assignor.
Pfefferkorn, Frederick F., Washington, D. C. Handle cover bracket. 143,238; Dec. 18.
Phelps, William D., New York, N. Y. Combination belt and shoulder strap bag or the like. 139,891; Jan. 2.
Philippe, Alfred, Scarsdale, N. Y. Brooch pin. 139,913; Jan. 2.
Philippe, Alfred, Scarsdale, N. Y. Brooch pin. 139,945; Jan. 2.
Philippe, Alfred, Scarsdale, N. Y. Brooch pin. 140,778; Apr. 10.
Philippe, Alfred, Scarsdale, N. Y. Brooch pin. 140,779; Apr. 10.
Philippe, Alfred, Scarsdale, N. Y. Bracelet. 140,780; Apr. 10.
Philippe, Alfred, Scarsdale, N. Y. Brooch pin. 140,781; Apr. 10.
Philippe, Alfred, Scarsdale, N. Y. Earring. 140,797; Apr. 10.
Philippe, Alfred, Scarsdale, N. Y. Earring. 140,798; Apr. 10.
Philippe, Alfred, Scarsdale, N. Y. Earring. 140,799; Apr. 10.
Philippe, Alfred, Scarsdale, N. Y. Earring. 140,800; Apr. 10.
Philippe, Alfred, Scarsdale, N. Y. Brooch pin. 140,801; Apr. 10.
Philippe, Alfred, Scarsdale, N. Y. Clip or similar article. 140,843; Apr. 10.
Philippe, Alfred, Scarsdale, N. Y. Clip or similar article. 140,844; Apr. 10.
Philippe, Alfred, Scarsdale, N. Y. Clip or similar article. 140,855; Apr. 10.
Philippe, Alfred, Scarsdale, N. Y. Clip or similar article. 140,856; Apr. 10.
Philippe, Alfred, Scarsdale, N. Y. Brooch pin. 140,894; Apr. 17.
Philippe, Alfred, Scarsdale, N. Y. Brooch pin. 140,895; Apr. 17.
Philippe, Alfred, Scarsdale, N. Y. Brooch pin. 140,896; Apr. 17.
Philippe, Alfred, Scarsdale, N. Y. Clip or similar article. 140,897; Apr. 17.
Philippe, Alfred, Scarsdale, N. Y. Clip or similar article. 140,898; Apr. 17.
Philippe, Alfred, Scarsdale, N. Y. Earring. 141,056; May 1.
Philippe, Alfred, Scarsdale, N. Y. Brooch pin. 141,057; May 1.
Philippe, Alfred, Scarsdale, N. Y. Brooch pin. 141,058; May 1.
Philippe, Alfred, Scarsdale, N. Y. Clip or similar article. 141,907; July 31.
Philippe, Alfred, Scarsdale, N. Y. Brooch or similar article. 142,584; Oct. 16.
Philippe, Alfred, Scarsdale, N. Y. Brooch or similar article. 142,585; Oct. 16.
Philippe, Alfred, Scarsdale, N. Y. Clip or similar article. 142,586; Oct. 16.
Philippe, Alfred, Scarsdale, N. Y. Clip or similar article. 142,587; Oct. 16.
Philippe, Alfred, Scarsdale, N. Y. Earring. 142,655; Oct. 23.
Philippe, Alfred, Scarsdale, N. Y. Earring. 142,656; Oct. 23.
Philippe, Alfred, Scarsdale, N. Y. Earring. 142,657; Oct. 23.
Philippe, Alfred, Scarsdale, N. Y. Brooch or similar article. 142,658; Oct. 23.
Philippe, Alfred, Scarsdale, N. Y. Brooch or similar article. 142,659; Oct. 23.
Philippe, Alfred, Scarsdale, N. Y. Brooch or similar article. 142,660; Oct. 23.
Philippe, Alfred, Scarsdale, N. Y. Brooch or similar article. 142,661; Oct. 23.
Philippe, Alfred, Scarsdale, N. Y. Brooch or similar article. 142,662; Oct. 23.
Philippe, Alfred, Scarsdale, N. Y. Brooch or similar article. 142,663; Oct. 23.
Philippe, Alfred, Scarsdale, N. Y. Clip or similar article. 142,664; Oct. 23.
Philippe, Alfred, Scarsdale, N. Y. Clip or similar article. 142,665; Oct. 23.
Philippe, Alfred, Scarsdale, N. Y. Clip or similar article. 142,666; Oct. 23.
Philippe, Alfred, Scarsdale, N. Y. Brooch or similar article. 142,905; Nov. 13.
Philippe, Alfred, Scarsdale, N. Y., assignor to Frifari, Krussman & Fishel Inc., New York, N. Y. Necklace. 143,349; Dec. 25.
Phillips, Celia, New York, N. Y. Combined evening dress and pantaloons. 141,837; July 10.
Phillips, Celia, New York, N. Y. Combined evening dress and underskirt. 141,838; July 10.
Phillips, Dwight M., Fullerton, assignor to Chiksan Tool Company, Brea, Calif. Swivel joint. 140,716; Apr. 3.
Phillis, William A., assignor to Beaver Pipe Tools, Inc., Warren, Ohio. Cutting machine. 143,094; Dec. 4.
Phillis, William A., assignor to Beaver Pipe Tools, Inc., Warren, Ohio. Pipe threading tool. 143,239; Dec. 18.
Phinney, William E., Milton, N. H. Welting. 142,739; Oct. 30.
Phinney, William E., Milton, N. H. Welting. 142,740; Oct. 30.
Photo Research Corporation: *See*—
Nicholson, Elwood J., assignor.

Pichel, Irving, New York, N. Y. Handbag unit. 141,472; June 5.
Pichel, Irving, New York, N. Y. Handbag. 142,495; Oct. 2.
Pichel, Irving, New York, N. Y. Handbag. 142,588; Oct. 16.
Pictorial Machinery Limited: *See*—
Warman, Horace, assignor.
Pieper, Alphonse F., Brighton, N. Y. Electric lamp. 141,473; June 5.
Pierce, Franklin, New York, N. Y. Combined perfume sachet holder and pendant. 140,109; Jan. 23.
Pierce, Franklin, New York, N. Y. Perfume sachet holder. 140,845; Apr. 10.
Pierce Governor Company, Inc.: *See*—
Reger, Raymond, assignor.
Pierre, Leo, Hampton, Va. Combination tool. 142,263; Aug. 21.
Pilegi, Vincent R., Philadelphia, Pa. Combined saw and rule. 143,025; Nov. 27.
Pinanski, Samuel, Brookline, assignor to Stanway Vending Machines, Inc., Boston Mass. Vending cabinet or similar article. 141,097; May 8.
Pinaud Incorporated: *See*—
Lamotte, Bernard, assignor.
Pioneer Watch Case Co., Inc.: *See*—
Kolberg A., and Kohn, assignors.
Pitman-Dreitzer & Co., Inc.: *See*—
Fordyce, Charles L., assignor.
Pivcevich, John F., New York, N. Y. Clip for wearing apparel or similar article. 141,949; Aug. 7.
Placco, Oscar F., Cranston, R. I. Brooch or similar article. 141,382; May 29.
Placco, Oscar F., Cranston, R. I. Brooch or similar article. 141,383; May 29.
Placco, Oscar F., Cranston, R. I. Brooch or similar article. 141,384; May 29.
Plas-Tex Corporation: *See*—
Frost, Ray T., assignor.
Plastic Treasures Inc.: *See*—
Winston, G., and Sawyer, assignors.
Plate, Robert T., Grosse Pointe Park, Mich. Vanity case. 141,894; Aug. 7.
Platt, Joseph B., New York, N. Y. Folding chair or similar article. 140,672; Mar. 27.
Playette Corporation: *See*—
Wise, Lawrence, assignor.
Podjun, Harry H., assignor to The Brunswick-Balke-Collender Company, Chicago, Ill. Bowling ball carrier or the like. 141,742; July 3.
Poggi, Amelia, Doris Jordan, and Alma Chuka, Hicksville, N. Y. Deck of playing cards. 143,240; Dec. 18.
Pohli, Gustav, Teaneck, N. J. Finger ring. 142,589; Oct. 16.
Polan, Albert S., et al.: *See*—
Guttmann, Eric S., assignor.
Polan, Charles M., et al.: *See*—
Guttmann, Eric S., assignor.
Polan, E. G., et al.: *See*—
Guttmann, Eric S., assignor.
Polan, L. M., et al.: *See*—
Guttmann, Eric S., assignor.
Polan, Lake, Jr., et al.: *See*—
Guttmann, Eric S., assignor.
Polaroid Corporation: *See*—
Baratelli, C. A., Cochran, and Maurer, assignors.
Baratelli, Charles A., assignor.
Cooper, Dexter P., Jr., assignor.
Policastro, James, Fairview, N. J. Tray for frankfurter and roll or similar article. 140,241; Feb. 6.
Pollack, George J., New York, N. Y. Dress. 140,616; Mar. 20.
Pollack, Leon, assignor to Products Development, Inc., Chicago, Ill. Bottle. 140,935; Apr. 17.
Pollock, Gordon B., South Laguna, Calif. Camera housing. 140,367; Feb. 20.
Pollock, Gordon B., South Laguna, Calif. Surgical camera housing. 140,368; Feb. 20.
Polotaye, Frank, New York, N. Y., assignor to Sylvania Electric Products Inc., Salem, Mass. Fluorescent lighting fixture. 143,350; Dec. 25.
Pommer, Henry, New York, N. Y. Earring. 140,827; Apr. 10.
Pommer, Henry, New York, N. Y. Ring. 140,867; Apr. 10.
Pommer, Henry, New York, N. Y. Ring. 140,868; Apr. 10.
Pommer, Henry, New York, N. Y. Ring. 140,936; Apr. 17.
Popik, George, Hartford, Conn. Slipper. 142,529; Oct. 9.
Poplin, Nelia G., Ponca City, Okla. Fishing lure. 142,305; Aug. 28.
Porcelli, Peter, assignor to A. Marzullo, New York, N. Y. Airplane or similar article. 143,351; Dec. 25.
Porter, Vernon C., New York, N. Y. Folding combination bottle and can opener. 143,241; Dec. 18.
Porthouse, Cyril R., Kent, and W. B. McIntosh, Akron, Ohio. Sealing disk for nursing units, bottles, and containers. 141,518; June 5.
Poschin, Harry, Pasadena, Calif. Combined book end and holder for a magazine or similar article. 141,150; May 8.
Post, George V., Cincinnati, Ohio, assignor to C. G. Gilly, Cincinnati, Ohio, (Mrs.) J. A. Martin, Big Stone Gap, and M. V. Gilly, Richmond, Va. Combined coaster and ash tray. 143,352; Dec. 25.
Posture Research Corporation: *See*—
Jones, Arthur E., assignor.
Powers, Herman, Bayonne, N. J. Clothes hanger. 140,869; Apr. 10.
Powers, John J., St. Louis, Mo. Truck. 141,085; May 1.
Powers, John J., St. Louis, Mo. Truck. 141,086; May 1.
Powers, John J., St. Louis, Mo. Truck. 141,291; May 22.
Powell, Frank, Miami, Fla. Plaque. 140,644; Mar. 20.
Powell, Frank, Miami, Fla. Brooch or similar article. 142,278; Aug. 21.
Powell, Frank, Miami, Fla. Figurine or similar article. 142,349; Aug. 28.
Powell, Frank, Miami, Fla. Figurine or similar article. 142,966; Nov. 20.
Poyer, Harland M., Lewiston, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Airplane. 141,292; May 22.
Poyer, Harland M., Lewiston, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Airplane. 141,669; June 19.
Poyer, Harland M., Lewiston, and E. P. Rhodes, Clarence, assignors to Bell Aircraft Corporation, Buffalo, N. Y. Airplane. 141,670; June 19.
Pratt, Julius C., Eureka, Calif. Game board or similar article. 142,440; Sept. 25.
Pratt, Merritt C., U. S. Army, Chicago, Ill. Combined pistol holster and knife scabbard. 142,741; Oct. 30.
Preble, Harry, Jr., New York, N. Y., assignor to International Plastic Corporation, Morristown, N. J. Tape dispenser. 141,219; May 15.
Preble, Harry, Jr., New York, N. Y., assignor to International Plastic Corporation, Morristown, N. J. Tape dispenser. 141,220; May 15.
Precision Scientific Co.: *See*—
Newman, Alexander I., assignor.
Preis, Carl G., Forest Hills, N. Y. Tray. 141,503; June 5.
Presley, Robert G., Canton, N. C. Sewing rack. 141,863; July 10.
Presto Electric Co.: *See*—
Abramson, Nathan, assignor.
Price, Darrel D., assignor to Thornton V. Allen, Los Angeles, Calif. Game board. 142,667; Oct. 23.
Price, Donald F., H. E. Balsiger, and M. A. Hollengreen, assignors to Landis Tool Company, Waynesboro, Pa. Grinding machine. 140,061; Jan. 16.
Price, James R., Cranston, assignor to The Alvin Corporation, Providence, R. I. Fork or other article of flatware. 140,954; Apr. 24.
Price, James R., Cranston, assignor to The Alvin Corporation, Providence, R. I. Fork or other article of flatware. 140,955; Apr. 24.
Price, James R., Cranston, assignor to The Alvin Corporation, Providence, R. I. Fork or other article of flatware. 142,967; Nov. 20.
Price, James R., Cranston, assignor to Gorham Manufacturing Company, Providence, R. I. Fork or other article of flatware. 142,204; Aug. 14.
Price, James R., Cranston, assignor to Gorham Manufacturing Company, Providence, R. I. Fork or other article of flatware. 142,205; Aug. 14.
Price, James R., Cranston, assignor to Gorham Manufacturing Company, Providence, R. I. Fork or other article of flatware. 142,206; Aug. 14.
Priest, John L.: *See*—
Nahser, Frank C., assignor.
Prince Matchabelli, Inc.: *See*—
Sawyer, James P., assignor.
Prior, Fred, Dallas, Tex. Fuel tank mounted toolbox for a truck or similar article. 141,908; July 31.
Pritchett, Irene B.: *See*—
Barber, Lonnie, assignor.
Pritzker, Charles M., New York, N. Y. Cigarette case. 140,447; Feb. 27.
Proctor, Robert, Jr., Los Angeles, Calif. Pin. 141,787; July 3.
Products Development, Inc.: *See*—
Loman, Samuel D., assignor.
Nemeth, Otto R., assignor.
Pollack, Leon, assignor.
Promer, Alfred G., Detroit, Mich. Toy. 140,883; Apr. 17.
Providence Stock Company: *See*—
Lederer, George J., assignor.
Provost, Loretta M., Glendale, Calif. Combined holder for cigarettes and matches. 142,906; Nov. 13.
Publix Metal Products, Inc.: *See*—
Nisenson, Jules, assignor.
Pugh, Clifford F., Sleepy Hollow Farm, Pa. Finger ring. 140,086; Jan. 23.
Pugh, Merlin L., Minneapolis, Minn. Control and instrument panel for battery chargers or similar article. 143,026; Nov. 27.
Pugh, Merlin L., Minneapolis, Minn. Battery charger or similar article. 143,027; Nov. 27.
Pulver Company, Inc.: *See*—
Burne, Stuart B., assignor.
Punte, William F.: *See*—
Coyle, J., and Punte.
Punton, Charles W.: *See*—
Maynard, H. B., and Punton.
Purcell, Francis A., Brooklyn, N. Y. Signal lamp lens. 140,753; Apr. 3.

Quaker Lace Company: *See*—
Hooven, Howard, assignor.
Otto, Ferninand P., assignor.
Wolf, William, assignor.
Qualitrol Corporation: *See*—
Ford, George E., assignor.
Quality Hardware and Machine Corporation: *See*—
Snyder, Leland H., assignor.
Quam, James P., Chicago, Ill. Citrus-fruit juicer. 141,788; July 3.
Quinn, William C., Reading, Mass. Toilet soap receptacle or similar article. 141,789; July 3.
Quist, Cornelius: *See*—
Weyenberg, H., and Quist.
Raab, Louis, and J. Harmell, Los Angeles, Calif. Coat dress or similar article. 141,504; June 5.
Rabbes, Henry H., Arlington, Va., assignor to F. W., Jr., and W. Christian, and M. M. De Forest, copartners doing business as Lee De Forest Laboratories, Los Angeles, Calif. Nasal applicator. 141,458; June 5.
Radcliffe, John C., Jr., Kirkwood, Mo. Preformed airplane hangar, or the like. 142,195; Aug. 14.
Radio Condenser Company: *See*—
Weiss, Melvin V., assignor.
Radio Corporation of America: *See*—
Holley, Robert, assignor.
Rahn, Clarence R., Temple, Pa. Smoker's pipe. 140,699; Mar. 27.
Raineas, Alice, New York, N. Y. Headdress. 141,800; July 3.
Rainey, Isabel C.: *See*—
Marcucci, Americus R., assignor.
Rajah, Mildred, Buffalo, N. Y. Basket. 143,095; Dec. 4.
Ramsay, Charles F., Toronto, Ontario, Canada. Sales meter. 141,985; Aug. 7.
Ramsthal, Alfred F., assignor to West Bend Aluminum Company, West Bend, Wis. Cooking vessel or article of similar nature. 142,244; Aug. 21.
Ramsthal, Alfred F., assignor to West Bend Aluminum Company, West Bend, Wis. Handle for cooking vessels and the like. 142,245; Aug. 21.
Ramsthal, Alfred F., assignor to West Bend Aluminum Company, West Bend, Wis. Side handle or lift for cooking vessels and the like. 142,264; Aug. 21.
Ramsthal, Alfred F., assignor to West Bend Aluminum Company, West Bend, Wis. Sauce pan or similar article. 143,164; Dec. 11.
Rand, Paul, assignor to J. Cochran, New York, N. Y. Bottle. 140,350; Feb. 13.
Randall, Walter H.: *See*—
Parsons, W. E., and Randall.
Randolph, Raphael, La Grange, Tex. Combined picture frame and compact case. 140,062; Jan. 16.
Ranseen, Mauritz C., Minneapolis, Minn. Container closure remover. 141,967; Aug. 7.
Ranseen, Mauritz C., Minneapolis, Minn. Crown cap remover. 141,968; Aug. 7.
Rapaport, Herman, Chicago, Ill. Doll walker or the like. 141,698; June 26.
Rapaport, Meyer, Chicago, Ill. Wheeled toy or the like. 141,699; June 26.
Raport, Betty D., New York, N. Y. Nursery bottle holder. 141,700; June 26.
Rapson, Ralph, Chicago, Ill. Rocker chair frame. 141,221; May 15.
Rapson, Ralph, Chicago, Ill. Chair frame. 141,222; May 15.
Raskin, Walter, Orange, N. J. Display cabinet or similar article. 140,351; Feb. 13.
Rasmussen, Sophus: *See*—
Stempel, E. H., and Rasmussen.
Rassnick, Abraham, Elmhurst, N. Y. Toy. 140,315; Feb. 13.
Rath, Frank H., Garden City, N. Y. Handbag. 140,327; Feb. 13.
Rath, Frank H., Garden City, N. Y. Handbag. 140,448; Feb. 27.
Rath, Frank H., Garden City, N. Y. Handbag. 140,717; Apr. 3.
Rath, Frank H., Garden City, N. Y. Handbag. 140,773; Apr. 10.
Rath, Frank H., Garden City, N. Y. Handbag. 140,857; Apr. 10.
Rath, Frank H., Garden City, N. Y. Handbag. 140,870; Apr. 10.
Rath, Frank H., Garden City, N. Y. Handbag. 141,474; June 5.
Rath, Frank H., Garden City, N. Y. Handbag. 142,441; Sept. 25.
Rath, Frank H., Garden City, N. Y. Handbag. 142,442; Sept. 25.
Ratkai, George S., and D. Turet, New York, N. Y. Front piece for eyeglasses. 140,279; Feb. 6.
Rauch, Nathan A., New York, N. Y. Coat. 141,026; Apr. 24.
Ray, Don, Beverly Hills, Calif. Closure hood for beverage bottles. 141,223; May 15.
Ray, Don, Beverly Hills, Calif. Closure hood for beverage bottles. 141,224; May 15.
Ray, Don, Beverly Hills, Calif. Closure hood for beverage bottles. 141,225; May 15.
Ray, Don, Beverly Hills, Calif. Closure hood for beverage bottles. 141,226; May 15.
Ray, Don, Beverly Hills, Calif. Closure hood for beverage bottles. 141,227; May 15.
Ray, Don, Beverly Hills, Calif. Closure hood for beverage bottles. 141,261; May 15.
Ray, Don, Beverly Hills, Calif. Closure hood for milk and cream bottles. 141,475; June 5.
Ray, Kenneth B.: *See*—
Yant, W. P., and Ray.
Raybert Products Corporation: *See*—
Ray-Dupuis, Suzanne, assignor.
Ray-Dupuis, Suzanne, assignor to Raybert Products Corporation, New York, N. Y. Bracelet. 141,652; June 19.
Ray-Dupuis, Suzanne, assignor to Raybert Products Corporation, New York, N. Y. Bracelet. 141,653; June 19.
Ray-Dupuis, Suzanne, assignor to Raybert Products Corporation, New York, N. Y. Bracelet. 141,654; June 19.
Raymond, Horace W., Waterville, Maine. Partitioned tray. 142,668; Oct. 23.
Ray-O-Vac Company: *See*—
Chapman, David, assignor.
Red Lion Table Company, Inc.: *See*—
Miller, Edwill B., assignor.
Redares, Raymond J., Los Angeles, Calif. Brassière or similar garment. 143,165; Dec. 11.
Redmer, Edwin A. F., Chicago, Ill. Fluid pressure operated chuck. 142,120; Aug. 14.
Redpath, Cargill W., Kansas City, Mo. Game board. 142,790; Nov. 6.
Redsecker, Wilbert W., assignor to Penn Electric Switch Co., Goshen, Ind. Housing for transformers or the like. 140,402; Feb. 20.
Reed & Barton: *See*—
Turner, George L., assignor.
Reed, Dante's R., Fort Lauderdale, Fla. Playing card. 141,510; June 5.
Reeves, Charles R., Detroit, Mich. Cribbage board. 142,791; Nov. 6.
Reeves, Herbert M., Kankakee, and J. W. Hauser, Oak Park, Ill., assignors to Florence Stove Company, Gardner, Mass. Accessory unit for cooking stoves. 140,718; Apr. 3.
Reger, Raymond, assignor to The Pierce Governor Company, Inc., Anderson, Ind. Centrifugal governor. 140,550; Mar. 6.
Rehberger, A. W., Brooklyn, N. Y. Dart game chart. 141,864; July 10.
Reichart, James H., Muncie, Ind. Teakettle. 140,754; Apr. 3.
Reichert, Henry C., Poughkeepsie, N. Y. Cigarette holder. 140,449; Feb. 27.
Reilly, Charles Van B., Milwaukee, Wis. Finger ring. 143,166; Dec. 11.
Reinecke, Jean O., Chicago, Ill., assignor to J. F. Barnes, as trustee. Telephone stand. 142,742; Oct. 30.
Reiner, Leo A., Detroit, Mich. Scaffold unit. 142,350; Aug. 28.
Reiner, Leo A., Detroit, Mich. Scaffold unit. 142,496; Oct. 2.
Reinert, Lillian R., Hammond, Ind. Doll. 142,907; Nov. 13.
Reinshield, Frederic Carl, Andover, Mass., assignor to Analyte Instruments, Inc., Bloomfield, N. J. Illuminable display device. 143,242; Dec. 18.
Reis, Louis, New York, N. Y. Combined book, magazine, newspaper rack and smoking stand. 141,942; July 31.
Remesch, John, and H. Epring, Cleveland, and P. Moyer, North Olmsted, assignors, by mesne assignments, to Shuler Co., Cleveland, Ohio. Child's vehicle. 140,719; Apr. 3.
Remillong, Alfred H., and W. E. Montandon, Eugene, Oreg. Butcher's sanitary tool rack or similar article. 140,673; Mar. 27.
Remington Rand Inc.: *See*—
Rider, Fremont, assignor.
Renaud, Lucien, St. Albans, assignor to Roger & Gallet, New York, N. Y. Lipstick container or the like. 142,228; Aug. 21.
Republic Aviation Corporation: *See*—
Arbib, Richard H., assignor.
Kartveli, A., and Kaiser, assignors.
Resnick, Samuel, Oak Park, Ill. Electrical polishing device. 141,577; June 12.
Reynolds, Edwin, Vineland, N. J. Twin top flower vase for holding short or long stem flowers or similar article. 139,871; Jan. 2.
Reynolds Metals Company: *See*—
Barrett, Albert, assignor.
Reynolds, Richard S., assignor.
Reynolds, Richard S., assignor to Reynolds Metals Company, Richmond, Va. Handle for pots and pans. 143,028; Nov. 27.
Rhodes, Edgar P.: *See*—
Poyer, H. M., and Rhodes.
Rho-Jan: *See*—
Bogoff, Henry, assignor.
Rice, Ethel M.: *See*—
Stevens, M. M., and Rice.
Rich, Cheri, and B. Saffran, New York, N. Y. Combined doll and container. 140,292; Feb. 6.
Rich, George H.: *See*—
Trilling, D. M., and Rich.
Richards, Marguerite A. R., South Gate, Calif. Hat. 140,196; Jan. 30.

Richards, Marguerite A. R., South Gate, Calif. Hair ornament. 141,642; June 19.
Rideout, John G., Chagrin Falls, assignor to Gendron Wheel Company, Perrysburg, Ohio. Frame for an invalid wheel chair. 142,743; Oct. 30.
Rider, F., Middletown, Conn., assignor to Remington Rand Inc., Buffalo, N. Y. Book truck. 142,497; Oct. 2.
Ridley, Allen R., Burbank, Calif. Toy tank puzzle. 141,035; May 1.
Ridley, Allen R., Burbank, Calif. Toy elephant puzzle. 141,036; May 1.
Riebe, Theodore C., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Loud speaking telephone desk set. 141,511; June 5.
Rieske, Otto G., Buffalo, N. Y. Fish scaling device. 143,137; Dec. 11.
Rietzke, August, Gordons Corners, N. J. Toy boat. 141,701; June 26.
Rietzke, August, Gordons Corners, N. J. Toy boat. 141,702; June 26.
Riha, Gordon J., Fairfield, assignor to McKesson & Robbins, Incorporated, Bridgeport, Conn. Bottle or similar article. 139,892; Jan. 2.
Ripich, John J., Cleveland, Ohio. Crucible or similar article. 142,792; Nov. 6.
Ripin, Margaret, New York, N. Y. Case for spectacles. 141,037; May 1.
Ripley, Gladys A.: *See*—
Ripley, Walter L., assignor.
Ripley, Walter L., assignor of one-half to Gladys A. Ripley, Sharpsburg, Md. Toy boat. 140,720; Apr. 3.
Risom, Jens, assignor to H. G. Knoll, Associates, New York, N. Y. Chair frame or the like. 141,703; June 26.
Risom, Jens, assignor to H. G. Knoll, Associates, New York, N. Y. Chair. 141,839; July 10.
Ristenpart, Chester H.: *See*—
Lindgren, Russell B., assignor.
Ristenpart, Chester H., San Francisco, Calif. Desk. 142,121; Aug. 14.
Ritter Company, Inc.: *See*—
Beebe, Edwin D., assignor.
Ritter, James F., Seattle, Wash. Child's jumper. 141,528; June 12.
Rittoff, George: *See*—
Staub, L., Rittoff, and Gresen.
Rival Manufacturing Company: *See*—
Abraham, Ray, assignor.
Lucas, K. B., and Majewski.
Majewski, J. M., Jr., and Talge, assignors.
Talge, Henry J., assignor.
Talge, H. J., and Martyr.
Rivero, Antero V., Miami, Fla. Tom-tom or similar article. 140,520; Mar. 6.
Roach, Elmer R., Mount Vernon, Ill. Toy automobile. 142,229; Aug. 21.
Roark, Nancy P., Norwalk, Conn. Doll. 140,645; Mar. 20.
Roberto, Don, of California: *See*—
Haynes, Robert E., assignor.
Roberts, Harry J. and R., University Heights, Ohio. Liquor bar. 139,893; Jan. 2.
Roberts, Harry J. and R., University Heights, Ohio. Liquor bar. 139,894; Jan. 2.
Roberts, Rose: *See*—
Roberts, Harry J. and R.
Robins, John N., Chicago, Ill. Lighter for cigars, cigarettes, and the like. 142,443; Sept. 25.
Robinson, Paul B., Carroll Park, assignor to Sharp & Dohme, Incorporated, Philadelphia, Pa. Stock bottle. 140,917; Apr. 17.
Robitsek, Stefan W., New York, N. Y. Shoe tree. 142,038; Aug. 14.
Ročić, Ivan, New York, N. Y. Pliant pipe coupling unit. 140,617; Mar. 20.
Rockwell, Harvey W., assignor to Laplant-Choate Manufacturing Co., Inc., Cedar Rapids, Iowa. Hoist control unit. 143,029; Nov. 27.
Rockwell, Harvey W., assignor to La Plant-Choate Manufacturing Co., Inc., Cedar Rapids, Iowa. Combined jack and bracket mounting. 143,168; Dec. 11.
Rockwell, Harvey W., assignor to La Plant-Choate Manufacturing Co., Inc., Cedar Rapids, Iowa. Bulldozer. 143,363; Dec. 25.
Roe, William C., assignor to The Coison Corporation, Elyria, Ohio. Wheel hub. 140,572; Mar. 13.
Roger & Gallet: *See*—
Renaud, Lucien, assignor.
Rogers, John H., and H. E. Luebbers, Fort Dodge, Iowa. Tractor loader attachment. 140,280; Feb. 6.
Rogow, Wilfred, Bayonne, N. J. Book or article of similar nature. 142,669; Oct. 23.
Rogow, Wilfred, Bayonne, N. J. Book or article of similar nature. 142,670; Oct. 23.
Rohrbach, John J., Rochester, assignor to Shuron Optical Company, Inc., Geneva, N. Y. Pair of semirimless spectacles. 141,743; July 3.
Rohrbach, John J., Rochester, assignor to Shuron Optical Company, Inc., Geneva, N. Y. Pair of semirimless spectacles. 141,744; July 3.
Rolley, James G., New York, N. Y. Game board. 142,122; Aug. 14.
Rolley, James G., New York, N. Y. Combined game board and periodical support. 142,123; Aug. 14.
Rollins Hosiery Mills, Inc.: *See*—
Landy, Marion, assignor.
Romadka, John, Wauwatosa, assignor to Robert A. Johnston Company, Milwaukee, Wis. Merchandise display cabinet. 141,385; May 29.
Romero, Robert C.: *See*—
Montague, G. E., and Romero.
Root, Le Roy P., Brooklyn, N. Y., assignor to Scovill Manufacturing Company, Waterbury, Conn. Vanity box. 140,674; Mar. 27.
Rose, Bertha C., Boston, assignor to Rose-Derry Company, Newton, Mass. Sleeping bag or similar article. 140,917; Apr. 17.
Rose, Bertram A., Oklahoma City, Okla. Neckerchief slide. 140,369; Feb. 20.
Rose, Bertram A., Oklahoma City, Okla. Neckerchief slide. 140,370; Feb. 20.
Rose-Derry Company: *See*—
Rose, Bertha C., assignor.
Rose, Leo W., Sr.: *See*—
Hagloch, H. I., and Rose.
Rosen, Henri E., Brookline, Mass. Child's slipper or similar article. 142,339; Aug. 28.
Rosenberg Ell, New York, N. Y. Handbag. 142,124; Aug. 14.
Rosenberg, Isaac, St. Louis, Mo. Sports dress. 142,671; Oct. 23.
Rosenblatt, Manfred, Kew Gardens, N. Y. Rack for bow ties, belts and the like. 141,725; June 26.
Rosenblatt, Manfred, Kew Gardens, N. Y. Combined spool holder and ruler. 142,530; Oct. 19.
Rosenbloom, Irving, New York, N. Y. Grater. 140,433; Feb. 27.
Rosenbloom, Irving, New York, N. Y. Toy whistle. 141,312; May 22.
Rosenfeld, Carl E., San Francisco, Calif. Table. 141,386; May 29.
Rosenfeld, Harry, Co.: *See*—
Hiltenbrand, Frank X., assignor.
Rosenstein, David, New York, N. Y. Hood or similar article. 139,914; Jan. 2.
Rosenstein, David, New York, N. Y. Belt or similar article. 140,044; Jan. 16.
Rosner, Vid, Louisville, Ky. Display stand. 140,828; Apr. 10.
Ross, James, Hubbard Woods, Ill. Luminous lamp shade. 140,110; Jan. 23.
Ross, James, Hubbard Woods, Ill. Luminous light switch shield. 141,433; May 29.
Rossi, Paul, Warren, Ohio. Pen rack. 140,072; Jan. 16.
Rossi, Paul, Warren, Ohio. Pen rack. 140,073; Jan. 16.
Rossi, Paul, Warren, Ohio. Pen rack. 140,074; Jan. 16.
Rossi, Paul, Warren, Ohio. Wallet. 142,125; Aug. 14.
Rossein, Morris, New York, N. Y. Link chain for a bracelet or similar article. 142,908; Nov. 13.
Rost, Katheryn, New York, N. Y. Dress. 140,586; Mar. 13.
Rost, Katheryn, New York, N. Y. Dress. 140,967; Apr. 24.
Rost, Katheryn, New York, N. Y. Dress. 140,968; Apr. 24.
Rost, Katheryn, New York, N. Y. Dress. 141,660; June 19.
Rotkel, Lilly K., New York, N. Y. Handbag or similar article. 139,915; Jan. 2.
Rousso, Jacques, Los Angeles, Calif. Towel cabinet or similar article. 141,228; May 15.
Royal Plastic Company: *See*—
Le Sage, Vincent C., assignor.
Royals, Junius F., Godwin, N. C. Weather vane. 142,968; Nov. 20.
Rubel, John, New York, N. Y. Jewelry finding. 140,587; Mar. 13.
Rubel, John, New York, N. Y. Combination perfume and lipstick holder. 140,450; Feb. 27.
Rubel, John, New York, N. Y. Perfume holding flask. 140,739; Apr. 3.
Rubel, John, New York, N. Y. Perfume container. 140,984; Apr. 24.
Rubel, John, New York, N. Y. Perfume containing ornament or the like. 141,655; June 19.
Rubel, John, New York, N. Y. Perfume containing ornament or the like. 141,658; June 19.
Rubel, John, New York, N. Y. Necklace or similar article. 142,969; Nov. 20.
Rubel, John, New York, N. Y. Necklace. 142,970; Nov. 20.
Rubel, John, New York, N. Y. Pendant. 143,030; Nov. 27.
Rubel, John, New York, N. Y. Pendant. 143,031; Nov. 27.
Rubenstein, Albert, Washington, D. C. Garden marker. 143,032; Nov. 27.
Rubenstein, Albert, Washington, D. C. Garden marker. 143,033; Nov. 27.
Rubenstein, Albert, Washington, D. C. Garden marker. 143,034; Nov. 27.
Rubenstein, Albert, Washington, D. C. Garden marker. 143,035; Nov. 27.
Rubenstein, Albert, Washington, D. C. Garden marker. 143,036; Nov. 27.
Rubenstein, Albert, Washington, D. C. Garden marker. 143,037; Nov. 27.

Rubenstein, Albert, Washington, D. C. Garden marker. 143,038; Nov. 27.
Rubin, Herbert, Chicago, Ill. Handbag. 141,986; Aug. 7.
Rubin, Irving, Brookline, and J. B. Meltz, Everett, Mass. Wheeled tray or similar article. 140,740; Apr. 3.
Rubin, Irving G., Bronx, assignor to J. C. Doig, and J. L. Schilling, doing business as J. L. Schilling Co., New York, N. Y. Toy gun. 140,087; Jan. 23.
Ruehle, Elmer C., Alhambra, Calif. Toy. 142,039; Aug. 14.
Ruffin, Robert, New Orleans, La. Game board. 140,555; Mar. 13.
Ruhnke, Edward J., assignor to Hill-Shaw Company, Chicago, Ill. Filter for beverage brewers. 141,313; May 22.
Rundell, Wesley A., Louisville, Ky. Dresser base or similar article. 143,354; Dec. 25.
Running, Gerhard L., and E. V., La Salle, Minneapolis, Minn. Hog feeder. 142,793; Nov. 6.
Runstrom, Bernhard A., assignor to Madison-Kipp Corporation, Madison, Wis. Motor driven hand tool unit. 140,197; Jan. 30.
Ruskin, Henry, Chicago, Ill. Weighing scale. 140,618; Mar. 20.
Ruskin, Mabel C., Abingdon, Va. Plate or similar article. 141,314; May 22.
Ruskin, Mabel C., Abingdon, Va. Plate or similar article. 141,459; June 5.
Russell, Charles E., assignor to Amatoy Corporation, Chicago, Ill. Child's toy or the like. 140,088; Jan. 23.
Russell, Jefferine D.: *See*—
Russell, Richard C. and J. D.
Russell, Linus E., Springfield, Ohio. Air pump. 140,232; Feb. 6.
Russell, Richard C. and J. D., Monterey Park, Calif. Doll or similar article. 143,169; Dec. 11.
Russell T. J. Duke, Studio City, Calif. Dispensing closure for paste containers. 141,595; June 12.
Russo, Richard, Brooklyn, N. Y. Earring. 141,387; May 29.
Russy, Wilhelmina J.: *See*—
Maxwell, P. M., and Russy.
Ryan, John E., Danbury, Conn. Shoe sole. 140,675; Mar. 27.
Sabatini, John C., West Englewood, assignor to Colonial Neon Company, Inc., North Bergen, N. J. Fluorescent lighting fixture. 142,126; Aug. 14.
Sacks, Harriet, New York, N. Y. Lady's smoking pipe. 141,726; June 26.
Sacoder, Martin, New York, N. Y. Jewelry rack. 141,790; July 3.
Saffell, Harold V., Los Angeles, Calif. Spray pump. 141,557; June 12.
Saffran, Benjamin: *See*—
Rich, Cheri, and Saffran.
Saks, Leslie, New York, N. Y. Watch case cover. 142,230; Aug. 21.
Salagic, Frank C., Los Angeles, Calif. Mending tree. 140,316; Feb. 13.
Salesky, Isidore, Brooklyn, N. Y. Garment hanger. 141,849; July 10.
Salinger, Morris, Brooklyn, N. Y. Display stand or similar article for jewelry and the like. 142,498; Oct. 2.
Salinger, Morris, assignor to Duranol Products, Inc., Brooklyn, N. Y. Hand mirror. 142,794; Nov. 6.
Salmon, Milton S., New York, and G. Dietz, Jr., Brooklyn, N. Y. Chair. 140,485; Feb. 27.
Salz Brothers, Inc.: *See*—
Schladermundt, P., and Emslie, assignors.
Sampson, Merrill G.: *See*—
Leipper, William, assignor.
Samstag, Anne, Bronxville, N. Y. Textile fabric or similar article. 143,243; Dec. 18.
Sand, Robert T., Detroit, Mich. Weed puller. 142,531; Oct. 9.
Sanders, James J., Nashville, Tenn. Rolling pen-cil. 141,850; July 10.
Sandler, Jacob, Brookline, assignor to Atlantic Footwear & Pattern Co., Boston, Mass. Shoe. 140,573; Mar. 13.
Sandow, William, Kansas City, Mo. Foot exerciser. 140,145; Jan. 30.
Sanduski, John J., Omaha, Nebr. Pin or similar article. 140,182; Jan. 30.
Santullo, Germinal A.: *See*—
Cole, H. D., and Santullo.
Saponoff, Sylvia, New York, N. Y. Belt or similar article. 139,947; Jan. 2.
Sarff, Rosalia Z., New York, N. Y. Combination lip rouge holder and applicator. 142,328; Aug. 28.
Sargent & Company: *See*—
Papkin, David, assignor.
Sarkisian, Arthur D., New York, N. Y. Line-guide for a fishing rod. 141,643; June 19.
Sasgen, Anthony M., assignor to Grand Specialties Company, Chicago, Ill. C-clamp. 143,096; Dec. 4.
Savage Arms Corporation: *See*—
Hussey, Chester L., assignor.
Sawyer, Albert B.: *See*—
Winston, G., and Sawyer.
Sawyer, James P., North Tarrytown, assignor to Prince Matchabelli, Inc., New York, N. Y. Display box. 140,985; Apr. 24.
Sawyer, James P., North Tarrytown, assignor to Prince Matchabelli, Inc., New York, N. Y. Display box. 141,077; May 1.
Saxe, Arthur C.: *See*—
Mandt, O. G., and Saxe.
Scell, Russell G., Canton, Conn. Phonograph needle. 141,124; May 8.
Schaefer, Benjamin, Jamaica, N. Y. Intermediate section of a fluorescent lamp fixture shield. 143,355; Dec. 25.
Schaefer, Benjamin, Jamaica, N. Y. End section of a fluorescent lamp fixture shield. 143,356; Dec. 25.
Scheftel, Alexander: *See*—
Elsas, W. D., Lowengardt, and Scheftel.
Schell, Edward, Machias, N. Y. Game board. 142,971; Nov. 20.
Schanzer, Tibor, New York, N. Y. Collapsible cot or similar article. 140,297; Feb. 6.
Scharf, Wesley L., Inkster, Mich. Clothespin. 142,499; Oct. 2.
Schechter, Benjamin J., Chicago, Ill. Bolero jacket or similar article. 140,533; Mar. 6.
Scheffler, Raymond J.: *See*—
Stewart, Don E., assignor.
Schenkeln, Edward N., New York, N. Y. Cluster ring or similar article. 140,871; Apr. 10.
Scheps, Jacque A., assignor to Athletic Shoe Company, Chicago, Ill. Bowling shoe. 142,444; Sept. 25.
Scherini, Eduardo J., Rosario, Argentina. Shoe heel. 142,532; Oct. 9.
Scheurmann, Otto A., Bayside, N. Y. Orphrey or similar article. 141,606; June 19.
Scheurmann, Otto A., Bayside, N. Y. Orphrey or similar article. 141,607; June 19.
Scheurmann, Otto A., Bayside, N. Y. Orphrey or similar article. 141,608; June 19.
Scheurmann, Otto A., Bayside, N. Y. Orphrey or similar article. 141,609; June 19.
Scheurmann, Otto A., Bayside, N. Y. Orphrey or similar article. 141,610; June 19.
Scheurmann, Otto A., Bayside, N. Y. Orphrey or similar article. 141,611; June 19.
Scheurmann, Otto A., Bayside, N. Y. Orphrey or similar article. 141,612; June 19.
Scheurmann, Otto A., Bayside, N. Y. Orphrey or similar article. 141,613; June 19.
Scheurmann, Otto A., Bayside, N. Y. Religious medallion or similar article. 141,614; June 19.
Scheurmann, Otto A., Bayside, N. Y. Religious medallion or similar article. 141,615; June 19.
Scheurmann, Otto A., Bayside, N. Y. Religious medallion or similar article. 141,616; June 19.
Scheurmann, Otto A., Bayside, N. Y. Religious medallion or similar article. 141,617; June 19.
Schilling, J. L., Co.: *See*—
Rubin, Irving G.
Schilling, Joseph L., et al.: *See*—
Rubin, Irving G., assignor.
Schirokauer, Henry, New York, N. Y. Set of game pieces. 142,672; Oct. 23.
Schirokauer, Henry, New York, N. Y. Set of game pieces. 142,673; Oct. 23.
Schladermundt, Peter, Bronxville, and O. Emslie, assignors to Salz Brothers, Inc., New York, N. Y. Fountain pen. 140,026; Jan. 16.
Schless, Maurice J., New York, N. Y., assignor to J. J. Fischer, doing business as American Setting Company, Newark, N. J. Setting for a gem, or similar article. 139,946; Jan. 2.
Schlessinger, Ludwig S., New York, N. Y. Handbag. 140,255; Feb. 6.
Schlieben, Ernest W., Scarsdale, assignor to York Research Corporation, New York, N. Y. Airplane. 140,646; Mar. 20.
Schlieben, Ernest W., Scarsdale, assignor to York Research Corporation, New York, N. Y. Glider. 140,647; Mar. 20.
Schlumbohm, Peter, New York, N. Y. Insulated container for bottles. 142,795; Nov. 6.
Schmedinghoff, John J., Kansas City, Mo. Combination chair and telephone stand. 141,512; June 5.
Schmidt, Glenn T., Los Angeles, Calif. Coffee grinder or similar article. 140,534; Mar. 6.
Schmidt, Melvin F., Saginaw, Mich. Housing of a two-cycle gas engine. 142,279; Aug. 21.
Schmitt, Otto L., Denver, Colo. Vaginal diaphragm inserter. 142,040; Aug. 14.
Schneider, John H.: *See*—
Littlefield, J. B., Schneider, and Yant.
Schneider, John H., Irwin, assignor to Mine Safety Appliances Company, Philadelphia, Pa. Breathing apparatus. 143,097; Dec. 4.
Schneider, John J., Buffalo, N. Y. Grip positioner for golf club handles. 140,676; Mar. 27.
Schneider, Leonard W., assignor to Decca Records, Inc., New York, N. Y. Display stand for phonograph record albums or the like. 140,468; Feb. 27.
Schneider, Leonard W., assignor to Decca Records, Inc., New York, N. Y. Display stand for phonograph record albums or the like. 139,895; Jan. 2.
Schneider Metal Manufacturing Company: *See*—
Werkmeister, Vernon, assignor.
Schnell, Kathryn G., Toledo, Ohio. Doll. 140,588; Mar. 13.

Schnittmann, Sacha S., St. Louis, Mo. Infant's portable toilet seat. 142,909; Nov. 13.
Schoenbeck, Arnold O., assignor to Enger-Kress Company. West Bend, Wis. Billfold. 140,486; Feb. 27.
Schofield, Earl L., Rockford, assignor to Burgess Battery Company, Freeport, Ill. Flashlight. 142,796; Nov. 6.
Schofield, Earl L., Rockford, Ill., assignor to Burgess Battery Company, Freeport, Ill. Flashlight. 143,357; Dec. 25.
Schofield, Earl L., Rockford, Ill., assignor to Burgess Battery Company, Freeport, Ill. Flashlight. 143,358; Dec. 25.
Schraysshuen, Carl, Providence, R. I. Jewelry finding. 140,629; Apr. 10.
Schraysshuen, Carl, Providence, R. I. Jewelry finding. 140,630; Apr. 10.
Schraysshuen, Carl, Providence, R. I. Jewelry finding. 140,631; Apr. 10.
Schraysshuen, Carl, Providence, R. I. Jewelry finding. 140,632; Apr. 10.
Schraysshuen, Carl, Providence, R. I. Bracelet link. 142,147; Aug. 14.
Schuler, Carl J., Los Angeles, Calif., assignor to Interstate Aircraft and Engineering Corp. Gun charger. 142,246; Aug. 21.
Schultheis, Francis J.: *See*— Mankki, O., and Schultheis.
Schulz, Arthur P.: *See*— Gerhardt, A. H., and Schulz.
Schulz, Arthur P.: *See*— Gerhardt, A. H., and Schulz.
Schulz, Arthur P., Hinsdale, assignor to Electric Household Utilities Corporation, Chicago, Ill. Handgrip for washing machine cover or the like. 140,005; Jan. 9.
Schumacher, Henry H.: *See*— Cole, E. G., and Schumacher.
Schupp, Arthur, New York, N. Y. Refrigerated display and storage cabinet. 140,535; Mar. 6.
Schupp, Arthur, New York, N. Y. Refrigerated display and storage cabinet. 140,536; Mar. 6.
Schupp, Arthur, New York, N. Y. Refrigerated candy cabinet. 140,537; Mar. 6.
Schupp, Arthur, New York, N. Y. Refrigerated display and storage cabinet. 140,538; Mar. 6.
Schupp, Arthur, New York, N. Y. Refrigerated display and storage cabinet. 140,539; Mar. 6.
Schupp, Arthur, New York, N. Y. Refrigerated display and storage cabinet. 140,540; Mar. 6.
Schupp, Arthur, New York, N. Y. Refrigerated display and storage cabinet. 140,541; Mar. 6.
Schupp, Arthur, New York, N. Y. Refrigerated display and storage cabinet. 140,542; Mar. 6.
Schurr, Otto E., assignor to General Machinery Corporation, Hamilton, Ohio. Boring machine. 140,986; Apr. 24.
Schwartz, Grace B.: *See*— Schwartz, W. O. and G. B.
Schwartz, Harry H., West Los Angeles, assignor to E. C. Bretter, S. Deutch, and H. H. Schwartz, copartners doing business as California Fabric Company, Los Angeles, Calif. Display table. 141,151; May 8.
Schwartz, William O. and G. B., Los Angeles, Calif. Film viewer. 140,123; Jan. 23.
Schweitzer, Louis, Detroit, Mich. Clothes stand. 141,851; July 10.
Schwinn, Frank W., Chicago, Ill. Tandem bicycle frame. 140,477; Mar. 27.
Schwinn, Frank W., Chicago, Ill. Tandem bicycle. 141,505; June 5.
Scott Aviation Corporation: *See*— Young, Theodore F., assignor.
Scott, Eben L., Mission, Kans. Climbing toy. 142,445; Sept. 25.
Scott, Henrietta, Pequea, Pa. Napkin or the like. 141,313; June 5.
Scott, Jack V., Philadelphia, Pa. Combined bookmark and greeting card. 142,500; Oct. 2.
Scovill Manufacturing Company: *See*— Root, Le Roy P., assignor.
Scranton, Charles J., La Porte, Ind. Housing for threshing and separating mechanism of a harvester-thresher. 143,098; Dec. 4.
Seaberg, Edith P.: *See*— Herk, W. B., and Seaberg.
Seamon, Louis, Brooklyn, N. Y. Billfold. 140,103; Jan. 23.
Seamon, Louis, Brooklyn, N. Y. Billfold or similar article. 141,434; May 29.
Seamon, Louis, Brooklyn, N. Y. Billfold. 143,040; Nov. 27.
Seamon, Louis, Brooklyn, N. Y. Billfold. 143,041; Nov. 27.
Searles, Emma, Jersey City, N. J. Flag or similar article. 140,243; Mar. 6.
Sears, Roebuck and Co.: *See*— Comme, Peter A., assignor.
Seattle Lighting Fixture Co.: *See*— Gleason, Frederick E., assignor.
Seattle Luggage Company: *See*— Tobey, Robert D., assignor.
Security Engineering Co., Inc.: *See*— Shaeffer, Norbert, assignor.
Sedgwick, Robert K.: *See*— Hess, R. J., and Sedgwick.
Segerlund, David H., Detroit, Mich. Dispensing closure. 140,872; Apr. 10.
Selberling Latex Products Comany: *See*— Glass, Henry D., assignor.
Seidler, William, New York, N. Y. Doll. 140,956; Apr. 24.
Sekowski, George E., New Haven, Conn., assignor to Ekco Products Company. Spoon or similar article. 143,170; Dec. 11.
Selldin, Eric J., North Arlington, N. J. Clothespin. 141,412; May 29.
Seng, Gerald W.: *See*— Wood, Charles J., assignor.
Serra, Javier, assignor to Les Parfums De Dana, Inc., New York, N. Y. Bottle. 140,741; Apr. 3.
Serra, Javier, assignor to Les Parfums De Dana, Inc., New York, N. Y. Bottle. 140,755; Apr. 3.
Sewell, William B., Los Angeles, Calif. Puzzle. 140,371; Feb. 20.
Sewell, William B., Los Angeles, Calif. Game device. 141,883; July 31.
Sewell, William B., Los Angeles, Calif. Poker chip rack. 141,950; Aug. 7.
Shaeffer, Norbert, Hollywood, assignor to Security Engineering Co., Inc., Whittier, Calif. Valve handwheel. 140,256; Feb. 6.
Shaeffer, Norbert, Hollywood, assignor to Security Engineering Co., Inc., Whittier, Calif. Valve handwheel. 140,257; Feb. 6.
Shaeffer, Norbert, assignor to Kinney Aluminum Company, Los Angeles, Calif. Cooking vessel or the like. 142,041; Aug. 14.
Shaftel, Stanley J., Brooklyn, and J. Hausner, Jamaica, N. Y.; said Shaftel assignor to said Hausner. Fruit squeezer. 140,451; Feb. 27.
Shallor, Ernest C., Detroit, Mich. Combination frame and support. 141,656; June 19.
Shanfield, Joseph D., Leaside, Ontario, Canada. Door stop. 143,039; Nov. 27.
Sharp & Dohme, Incorporated: *See*— Robinson, Paul B., assignor.
Sharp, Ewing L., assignor of one-half to A. Josephson, Los Angeles, Calif. Belt. 140,270; Feb. 6.
Sharp, Renwick J., Guatemala, Guatemala. Counter. 140,544; Mar. 6.
Sharpe, Charles M., San Francisco, Calif. Electric cooker. 140,802; Apr. 10.
Sharpe, George J., assignor to Pachner & Koller, Inc., Chicago, Ill. Fishing reel. 141,618; June 19.
Shatkin, Aaron: *See*— Brook, Bird, assignor. Shatkin, Rubin, assignor.
Shatkin, Rubin, Brooklyn, N. Y., assignor to Aaron Shatkin, Matawan, N. J. Compact or the like. 142,674; Oct. 23.
Shatkin, Rubin, Brooklyn, N. Y., assignor to A. Shatkin, Matawan, N. J. Salt shaker or the like. 142,744; Oct. 30.
Shaw, Jack L.: *See*— Lederman, Georg E., assignor.
Shawl, Alfred B., New York, N. Y. Pin. 140,146; Jan. 30.
Shawl, Alfred B., New York, N. Y. Pin. 140,147; Jan. 30.
Shawl, Alfred B., New York, N. Y. Pin. 140,148; Jan. 30.
Shawl, Alfred B., New York, N. Y. Pin. 140,149; Jan. 30.
Shawnee Pottery Co.: *See*— Ganz, Rudolph V., assignor.
Sheaffer, W. A., Pen Company: *See*— Boyle, Farnham F., assignor. Fish, N. D., and Martin, assignors. Martin, Lynn P., assignor. Olson, Wilbur K., assignor. Olson, W. K., and Martin, assignors. Stempel, Herman K., assignor.
Sheldrick, Mabel, New York, N. Y. Bathing suit. 142,127; Aug. 14.
Sheldrick, Mabel, assignor to Lee Knitwear Corp., New York, N. Y. Bathing suit. 142,128; Aug. 14.
Shepard, Ernest L., Fairfield, assignor, by mesne assignments, to The Canal National Bank of Portland, trustee, Portland, Maine. Pack for fragile articles. 142,129; Aug. 14.
Shepard, Ernest L., Fairfield, assignor, by mesne assignments, to The Canal National Bank of Portland, Portland, Maine. Packing sheet for fragile articles. 143,042; Nov. 27.
Sheridan Electronics Corporation: *See*— Kaiser, John, Jr., assignor.
Sherman, Jacob S., assignor to Park Sherman Co., Inc., Chicago, Ill. Lighter case or similar article. 141,183; May 8.
Sherman, Park, Co., Inc.: *See*— Sherman, Jacob S., assignor.
Sherr, Isaac B., Los Angeles, Calif. Multiple picture frame. 142,501; Oct. 2.
Sherr, Isaac B., Los Angeles, Calif. Multiple picture frame. 142,502; Oct. 2.
Sherr, Isaac B., Los Angeles, Calif. Multiple picture frame. 142,675; Oct. 23.
Shimer, Charles J., Pen Argyl, Pa. Game board. 139,872; Jan. 2.

Shindel, Harry F., assignor to Willson Products, Inc., Reading, Pa. Eyeshield or similar article. 141,704; June 26.
Shipley, Carl V., Chicago, Ill. Safety razor handle. 142,175; Aug. 14.
Shoemaker, Robert C., assignor to Hyster Company, Portland, Oreg. Vehicle mounted crane with load arm accessory. 140,858; Apr. 10.
Sholkin, Joseph L., Newton, assignor to Beacon Products Corporation, Boston, Mass. Cardboard coin holder. 139,955; Jan. 9.
Shreve, Clifford B., assignor to Tyler Fixture Corporation, Niles, Mich. Display refrigerator. 142,910; Nov. 13.
Shrier, Henry, Forest Hills, N. Y. Educational toy for children. 142,911; Nov. 13.
Shuler Co: *See*— Remesch, J., Eyring, and Moyer, assignors.
Shure Brothers: *See*— Wronke, L. J.
Shure, Frances, et al.: *See*— Wronke, Louis J., assignor.
Shure, S. N., et al.: *See*— Wronke, Louis J., assignor.
Shuron Optical Company, Inc.: *See*— Jerry, Carl R., assignor. Rohrbach, John J., assignor.
Sices, Harry, Cedarhurst, N. Y. Jacket or similar article. 141,770; July 3.
Siegel, Fred, New York, N. Y. Handbag. 140,328; Feb. 13.
Siegel, Fred, New York, N. Y. Transparent photograph holder. 141,059; May 1.
Siegel, Fred, New York, N. Y. Bracelet display stand. 141,791; July 3.
Siegel, Morris B., Chicago, Ill. Cigarette case. 139,896; Jan. 2.
Siegel, Morris B., Chicago, Ill. Cigarette case. 142,676; Oct. 23.
Siemers, Eric, assignor to R. B. Lacey, Kalamazoo, Mich. Welding electrode holder. 141,428; May 29.
Silbert, Eileen, et al.: *See*— Du Bois, Joseph E., assignor.
Silkman, Edwin F., Baltimore, Md. Toy wagon. 142,912; Nov. 13.
Silkman, Edwin F., Baltimore, Md. Wooden pull toy. 142,913; Nov. 13.
Silston, Janina, New York, N. Y. Combined perfume bottle and cover. 141,987; Aug. 7.
Silver, Matilda: *See*— Casso, Bessie, assignor.
Silver, Myer S., Brookline, Mass. Slipper. 142,914; Nov. 13.
Simeone, Anthony, Hamden, Conn. Knife. 141,315; May 22.
Simmonds Aerocessories Incorporated: *See*— Allen, James R., assignor.
Simon, Julius, assignor to Germanow-Simon Machine Co., Rochester, N. Y. Watch crystal inserting machine. 142,590; Oct. 16.
Simonds, Albert L., Southbridge, Mass. Foot-operated switch. 141,413; May 29.
Singer Manufacturing Company, The: *See*— Clayton, Andrew B., assignor. Knaus, Nicholaus, assignor.
Siwek, Stanley Z., and H. Goldberg, assignors to H. Goldberg, Chicago, Ill. Internal combustion engine unit. 140,803; Apr. 10.
Skaglund, Harry A., Los Angeles, Calif., assignor to Lear, Incorporated, Piqua, Ohio. Combined linear actuator and control unit for operating movable parts of an airplane or the like. 140,521; Mar. 6.
Sklaar, Richard, Rochester, N. Y. Garment hanger. 142,677; Oct. 23.
Skolnik, Phil, Chicago, Ill. Child's trainer or similar article. 140,217; Jan. 30.
Slater, Saul I., Forest Hills, N. Y. Sealed beam lamp bulb. 140,700; Mar. 27.
Slaughter, John R., Dallas, Tex. Glider swing. 141,705; June 26.
Sleness, Wallace A., Seattle, Wash. Toy submarine. 141,229; May 15.
Sloan, Donald I., Los Angeles, Calif., assignor to Interstate Aircraft and Engineering Corp. Bomb releasing shackle. 140,218; Jan. 30.
Sloan, Donald I., Los Angeles, Calif., assignor to Interstate Aircraft and Engineering Corp. Bomb releasing shackle. 140,219; Jan. 30.
Sloan Valve Company: *See*— Lawson, George S., assignor.
Sly, Le Roy W., Kyburz, Calif. Bicycle. 141,926; July 31.
Sly, Le Roy W., Kyburz, Calif. Tricycle. 141,927; July 31.
Smallman, Morris, New York, N. Y. Billfold. 141,316; May 22.
Smallman, Samuel J., New York, N. Y. Back for a billfold or similar article. 139,916; Jan. 2.
Smallman, Samuel J., New York, N. Y. Combined billfold, change purse and keyholder. 141,414; May 29.
Smart, Carroll M., assignor to Smart Safety Engineering Company, Detroit, Mich. Armored automative vehicle. 140,356; Feb. 13.
Smart Safety Engineering Company: *See*— Smart, Carroll M., assignor.
Smiley, Helen A., Philadelphia, Pa. Doll. 140,304; Feb. 6.
Smith, Adrian J., and W. I. Evans, Los Angeles, Calif. Store service truck. 142,306; Aug. 28.
Smith, Beatrice B., and E. Z. Cauter, New York, N. Y. Head scarf. 142,915; Nov. 13.
Smith, David, Cleveland, Ohio. Signal light for automobiles. 142,503; Oct. 2.
Smith, Delos G., et al.: *See*— Wilson, James E., assignor.
Smith, Donald J., Los Angeles, Calif. Card and poker chip holder. 141,644; June 19.
Smith, Donald J., Los Angeles, Calif. Poker chip and playing card holder. 141,951; Aug. 7.
Smith, Donald J., Los Angeles, Calif. Combined pipe support and match pack holder. 142,678; Oct. 23.
Smith, Donald J., Los Angeles, Calif. Book end. 142,745; Oct. 30.
Smith, Donovan N., Sr., South Bend, Ind. Game counting board. 142,533; Oct. 9.
Smith, Kenneth M., Albuquerque, N. Mex. Lady's belt. 141,429; May 29.
Smith, Lawson A., assignor to R. H. Clark, Los Angeles, Calif. Fly cutter. 140,452; Feb. 27.
Smith, Lowell L., Webster City, Iowa. Nozzle attachment for air hose or the like. 143,359; Dec. 25.
Smith, Marsh M., Sr., Fontana, Calif. Deck of playing cards. 141,317; May 22.
Smith, Ray, Tulsa, Okla. Foot rest. 139,897; Jan. 2.
Smith, Reyburn M., Evansville, Ind. Bottle opener or similar article. 140,183; Jan. 30.
Smith, S. G., Brooklyn, N. Y. Caliper or similar article. 141,865; July 10.
Smith, Samuel L., assignor to Coleman Lamp and Stove Company, Wichita, Kans. Water heater. 141,184; May 8.
Smith, Thomas R., assignor to The Maytag Company, Newton, Iowa. Refrigerator cabinet or similar article. 142,446; Sept. 25.
Smith, Tracy W., Gastonia, N. C. Combined knife and hone holster. 141,706; June 26.
Smith and Wesson Inc.: *See*— Birk, Emil A., assignor.
Smith, William, New York, N. Y. Toy roller. 141,745; July 3.
Smith, William, Detroit, Mich. Animal figure toy. 141,771; July 3.
Smith, William I., Goshen, Ind., assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Juvenile vehicle. 140,434; Feb. 27.
Smith, William I., Goshen, Ind., assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Juvenile vehicle. 140,435; Feb. 27.
Smith, William I., Perrysburg, assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Velocipede frame member. 140,721; Apr. 3.
Smith, William I., Perrysburg, assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Velocipede frame member. 142,591; Oct. 16.
Smith, William I., Perrysburg, assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Frame for a tricycle. 142,592; Oct. 16.
Smokador Manufacturing Co., Inc.: *See*— Mankki, Onnie, assignor.
Snap-On Tools Corporation: *See*— Walraven, George M., assignor.
Snoke, Clarence R., Berkley, Mich. Combined bread and butter tray. 142,231; Aug. 21.
Snoke, Clarence R., Berkley, Mich. Combined bread and butter tray. 142,232; Aug. 21.
Snyder, Leland H., assignor to Quality Hardware and Machine Corporation, Chicago, Ill. Vacuum cleaner or similar article. 142,329; Aug. 28.
Snyder, Robert E., Pasadena, Calif. Gage handle. 141,707; June 26.
Soderberg, Gustave J., Babylon, N. Y. Portable electric polisher. 140,385; Feb. 20.
Soderberg, Gustave J., Babylon, N. Y. Combined electric cleaner and polisher. 140,386; Feb. 20.
Solar Corporation: *See*— Stevens, Clifford B., assignor.
So-Lo Works, Incorporated: *See*— Marx, J. J., and Heckman, assignors.
Solomon, Robert, assignor to Bernard Kavaler, New York, N. Y., doing business as Bernard Kavaler Co. Fabric. 143,244; Dec. 18.
Solomon, Theodore, New York, N. Y. Picture holder. 140,104; Jan. 23.
Somers, Richard M.: *See*— La Forest, L. Z., and Somers.
Somers, Richard M., assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Microphone stand. 140,701; Mar. 27.
Sonnenberg, Rudolph, assignor to Mid-West Bottle Cap Co., Belvidere, Ill. Bottle capper head. 140,233; Feb. 6.
Soref, Harry E., assignor to Master Lock Company, Milwaukee, Wis. Padlock. 143,245; Dec. 18.
Soref, Harry E., assignor to Master Lock Company, Milwaukee, Wis. Padlock. 143,246; Dec. 18.
Soulé, Norma M., Evanston, Ill. Toy airplane. 141,027; Apr. 24.

Soundscriber Corporation, The: *See*—
Stone, Robert L., assignor.
Soussloff, Gregory, assignor to Neo Plastics Products Company, New York, N. Y. Block unit for flexible panels. 140,758; Feb. 6.
Spang, Joseph P., Milton, Mass. Meat tenderizing machine. 142,916; Nov. 13.
Spaulding China Company, Inc.: *See*—
Miller, Irving, assignor.
Spear, Walter A., assignor to Victor Electric Products, Inc., Cincinnati, Ohio. Electric ironer. 141,318; May 22.
Specialty Equipment Corporation: *See*—
Campbell, William J., assignor.
Speck, Kurt: *See*—
Cole, H. D., and Speck.
Speedmaster Limited: *See*—
Butler, Arthur N., assignor.
Spencer, Edward, Youngstown, Ohio. Memorial banner. 141,001; Apr. 24.
Sperry Gyroscope, Inc.: *See*—
Hoskins, R., Jr., and Barkalow, assignors.
Sperry, Donald L., Overland Park, Kans. Wrench. 139,956; Jan. 9.
Sperzel, Peter J., assignor to Morden J. McCabe, Minneapolis, Minn. Toilet seat. 140,184; Jan. 30.
Spiegel, Paul, Brooklyn, N. Y. Lipstick container. 142,479; Oct. 23.
Spielmann, Leslie S.: *See*—
Pence, W. A., and Spielmann.
Spitalny, Fred, Elizabeth, N. J. Vanity case or similar article. 140,522; Mar. 6.
Splaine, Edward M., assignor to American Optical Company, Southbridge, Mass. Eyeshield or similar article. 141,028; Apr. 24.
Splaine, Edward M., assignor to American Optical Company, Southbridge, Mass. Eyeshield or similar article. 141,029; Apr. 24.
Sport-Craft Company: *See*—
Frei, Otto, assignor.
Sports, Inc.: *See*—
von Frantzius, Peter, assignor.
Sroduiski, Joseph W.: *See*—
Yuza, R., and Sroduiski.
Srygley, Lake P., Fort Worth, Tex. Spoon. 141,069; May 1.
Stacey, Rosanna, Hollywood, Calif. Stirring spoon rack or similar article. 142,593; Oct. 16.
Stack, James L., Jr., Crystal Bay, Nev. Toy automobile or the like. 143,099; Dec. 4.
Stackhouse, James H., Newton, Mass., assignor to The B. F. Goodrich Company, New York, N. Y. Heel. 142,594; Oct. 16.
Stackhouse, James H., Newton, and W. Brown, Jr., Cambridge, Mass., assignors to The B. F. Goodrich Company, New York, N. Y. Shoe heel. 140,372; Feb. 20.
Stackpole, Elmer R., assignor to Liberty Glass Company, Sapulpa, Okla. Beverage bottle. 142,746; Oct. 30.
Stafford, John R., Belleville, Ill. Game board. 142,534; Oct. 9.
Stanitz, Jacques, Warren, assignor to Mullins Manufacturing Corporation, Salem, Ohio. Combined control handle and hood for water valves. 140,556; Mar. 13.
Stanitz, Jacques, Warren, assignor to Mullins Manufacturing Corporation, Salem, Ohio. Combined swing spout and valve hood. 140,557; Mar. 13.
Stanitz, Jacques, Warren, assignor to Mullins Manufacturing Corporation, Salem, Ohio. Combined sink and cabinet. 140,574; Mar. 13.
Stanitz, Jacques, Warren, assignor to Mullins Manufacturing Corporation, Salem, Ohio. Combined sink and cabinet. 140,575; Mar. 13.
Stanitz, Jacques, Warren, assignor to Mullins Manufacturing Corporation, Salem, Ohio. Kitchen cabinet. 141,014; Apr. 24.
Stanitz, Jacques, Warren, assignor to Mullins Manufacturing Corporation, Salem, Ohio. Kitchen cabinet. 141,015; Apr. 24.
Stanitz, Jacques, Warren, assignor to Mullins Manufacturing Corporation, Salem, Ohio. End cabinet. 141,016; Apr. 24.
Stanitz, Jacques, Warren, assignor to Mullins Manufacturing Corporation, Salem, Ohio. Base cabinet corner filler. 141,017; Apr. 24.
Stanitz, Jacques, Warren, assignor to Mullins Manufacturing Corporation, Salem, Ohio. Undersink cabinet. 141,125; May 8.
Stanitz, Jacques, Warren, assignor to Mullins Manufacturing Corporation, Salem, Ohio. Wall cabinet. 141,126; May 8.
Stanitz, Jacques, Warren, assignor to Mullins Manufacturing Corporation, Salem, Ohio. Wall cabinet. 141,127; May 8.
Stanitz, Jacques, Warren, assignor to Mullins Manufacturing Corporation, Salem, Ohio. Base cabinet. 141,128; May 8.
Stanitz, Jacques, Warren, assignor to Mullins Manufacturing Corporation, Salem, Ohio. Spray nozzle. 141,135; May 8.
Stanitz, Jacques, Warren, assignor to Mullins Manufacturing Corporation, Salem, Ohio. Valve handle. 141,136; May 8.
Stanitz, Jacques, Warren, assignor to Mullins Manufacturing Corporation, Salem, Ohio. Valve handle. 141,137; May 8.
Stanitz, Jacques, Warren, assignor to Mullins Manufacturing Corporation, Salem, Ohio. Combined swing spout and escutcheon for mixing faucets. 141,349; May 22.
Stanitz, Jacques, Warren, assignor to Mullins Manufacturing Corporation, Salem, Ohio. Combined lavatory and vanity. 141,619; June 19.
Stanitz, Jacques, Warren, assignor to Mullins Manufacturing Corporation, Salem, Ohio. Combined lavatory and vanity. 141,620; June 19.
Stanitz, Jacques, Warren, assignor to Mullins Manufacturing Corporation, Salem, Ohio. Bath tub. 141,621; June 19.
Stanitz, Jacques, Warren, assignor to Mullins Manufacturing Corporation, Salem, Ohio. Wall cabinet. 143,043; Nov. 27.
Stanitz, Jacques, Warren, assignor to Mullins Manufacturing Corporation, Salem, Ohio. Valve handle. 143,100; Dec. 4.
Stanton, Dorothy P., Norfolk, Va. Deportment calendar. 142,265; Aug. 21.
Stanway Vending Machines, Inc.: *See*—
Pinanski, Samuel, assignor.
Staub, Louis, G. Rittoff, and H. M. Gresen, New York, N. Y. Set of playing cards. 140,305; Feb. 6.
Staubli, Hugo, Zurich, Switzerland. Appliqué or similar article. 141,645; June 19.
Stearn, Franklin A.: *See*—
Haigh, L. B., and Stearn.
Stedman, William J., assignor to National Pressure Cooker Company, Eau Claire, Wis. Pressure cooker or similar device. 141,388; May 29.
Steele, Jack, Hollywood, Calif. Lip retaining sun shield. 141,060; May 1.
Steelman, James S., Millville, N. J. Bottle or similar article. 143,044; Nov. 27.
Steigerwald, Libera L., Chicago, Ill. Strap extension retainer. 141,622; June 19.
Stein, Max, Paterson, N. J. Tablecloth or similar article. 142,447; Sept. 25.
Steiner, Carl C.: *See*—
Dennlston, Mollie J., assignor.
Stelzer, Harry, New York, N. Y. Combined handbag and picture holder. 141,283; May 15.
Stelzer, Otto E., German Township, St. Joseph County, Ind. Combination toaster and cooker. 142,308; Aug. 28.
Stempel, Edward H., and S. Rasmussen, assignors to American Gas Machine Company, Albert Lea, Minn. Sportsman's stove. 143,360; Dec. 25.
Stempel, Herman K., assignor to W. A. Sheaffer Pen Company, Fort Madison, Iowa. Desk pen. 142,391; Sept. 25.
Stenicka, Charles E., Jr.: *See*—
Collins, Richard E., assignor.
Stensgaard, William L., Chicago, Ill., assignor to The Diamond Match Company. Display figure. 142,233; Aug. 21.
Sterne, Rita C., et al.: *See*—
Du Bois, Joseph E., assignor.
Stevens, Clifford B., Milwaukee, Wis., assignor, by mesne assignments, to The Delta Manufacturing Company. Bench center. 141,152; May 8.
Stevens, Clifford B., Milwaukee, Wis. Vaporizer. 141,558; June 12.
Stevens, Clifford B., assignor to Solar Corporation, Milwaukee, Mis. Battery. 143,361; Dec. 25.
Stevens, Clifford B., assignor to Solar Corporation, Milwaukee, Wis. Battery. 143,362; Dec. 25.
Stevens, Mary M., Rye, N. Y., and E. M. Rice, Lynn, Mass. Doll or similar article. 142,747; Oct. 30.
Stevens, Mary M., Rye, N. Y., and E. M. Rice, Lynn, Mass. Doll or similar article. 142,748; Oct. 30.
Stevens, Robert B., assignor to Stevens & Thompson Paper Company, Greenwich, N. Y. Paper napkin. 140,150; Jan. 30.
Stevens & Thompson Paper Company: *See*—
Stevens, Robert B., assignor.
Stewart, Don E., assignor to R. J. Scheffler, Grand Rapids, Mich. Flatiron. 142,355; Sept. 11.
Stewart, Donald E., assignor to Winters & Crampton Corporation, Grandville, Mich. Stove handle. 141,519; June 5.
Stewart, Donald E., assignor to Winters & Crampton Corporation, Grandville, Mich. Stove handle. 141,520; June 5.
Stewart, Donald E., assignor to Winters & Crampton Corporation, Grandville, Mich. Gas control knob for stoves or the like. 141,840; July 10.
Stewart, Donald E., assignor to Winters & Crampton Corporation, Grandville, Mich. Handle for stoves or the like. 142,042; Aug. 14.
Stewart, Florabelle R., Portland, Oreg. Tool bag apron. 141,919; July 31.
Stewart-Warner Corporation: *See*—
Ayres, Francis L., assignor.
Stock-A-Fire Company, Inc.: *See*—
Graham, Roy F., assignor.
Stoddard, Vine, Jesup, Iowa. Hatchet. 140,329; Feb. 13.

Stone, Jackson H., assignor to Allied Wood Products Company, Los Angeles, Calif. Clothes hamper. 141,188; May 8.
Stone, Leland G., assignor to The Magnavox Company, Fort Wayne, Ind. Handle for suitcases or similar articles. 141,852; July 10.
Stone, Robert L., Guilford, assignor to The Soundscriber Corporation, New Haven, Conn. Desk microphone. 143,363; Dec. 25.
Stone, Roy A., assignor to National Lock Company, Rockford, Ill. Drawer pull or similar article. 142,043; Aug. 14.
Stone, Swen H.: *See*—
Svenson, E. J., Peterson, and Stone, assignors.
Stoner, Paul, Valparaiso, Ind. Rolling coulter. 141,451; June 5.
Storch, Edward A., Detroit, Mich. Table top tray. 143,364; Dec. 25.
Storch, Max H., Belle Harbor, N. Y. Frame for handbags. 140,453; Feb. 27.
Storch, Max H., Belle Harbor, N. Y. Frame for mirrors. 140,678; Mar. 27.
Storch, Max H., Belle Harbor, N. Y. Frame for handbags. 140,679; Mar. 27.
Storm, Frederick K., Los Angeles, Calif., assignor to Adel Precision Products Corp. Kitchen fork. 143,045; Nov. 27.
Storm, Frederick K., Los Angeles, Calif., assignor to Adel Precision Products Corp. Serving fork. 143,046; Nov. 27.
Storm, Frederick K., Los Angeles, Calif., assignor to Adel Precision Products Corp. Skimming spoon. 143,047; Nov. 27.
Storm, Frederick K., Los Angeles, Calif., assignor to Adel Precision Products Corp. Whipper blade or similar article. 143,247; Dec. 18.
Storm, Frederick K., Los Angeles, Calif., assignor to Adel Precision Products Corp. Kitchen utensil handle. 143,248; Dec. 18.
Storm, Frederick K., Los Angeles, Calif., assignor to Adel Precision Products Corp. Kitchen utensil handle. 143,249; Dec. 18.
Storm, Frederick K., Los Angeles, Calif., assignor to Adel Precision Products Corp. Kitchen utensil handle. 143,250; Dec. 18.
Storm, Frederick K., Jr., Los Angeles, Calif. Vacuum cleaner casing. 142,535; Oct. 9.
Stover, Mary A. and W. P., assignors to Heirloom Needlework Guild, Inc., New York, N. Y. Quilt. 140,124; Jan. 23.
Stover, Wallace P.: *See*—
Stover, Mary A. and W. P.
Stowell, Ralph E., Wellington, Tex. Wheeled toy. 142,351; Aug. 28.
Strieby, Richard D., Kansas City, Mo. Tooth brush. 142,917; Nov. 13.
Strum, Milton L.: *See*—
Burling, Leslie H., assignor.
Stupakoff, Semon H., Latrobe, Pa. Perpetual calendar. 141,969; Aug. 7.
Straeter, Angela, Holmes, assignor to Fravessi-Lamont, Inc., New York, N. Y. Paper or the like. 141,252; May 15.
Straeter, Angela, Holmes, assignor to Fravessi-Lamont, Inc., New York, N. Y. Paper or the like. 141,253; May 15.
Strassburg, Morris J., Bridgeport, Conn. Garment hanger. 140,680; Mar. 27.
Strauss, Herman, New York, N. Y. Brooch or similar article. 140,045; Jan. 16.
Strauss, Herman, New York, N. Y. Fob pin watch. 141,038; May 1.
Strong, Mattie L., Chicago, Ill. Splash guard. 141,269; May 15.
Stuart, Maxine, New York, N. Y. Toy. 140,681; Mar. 27.
Stuart, Maxine, New York, N. Y. Toy. 140,682; Mar. 27.
Stuart, Maxine, New York, N. Y. Toy. 140,918; Apr. 17.
Sturdy Toy Makers, Inc.: *See*—
MacCallum, Willard T., assignor.
Sudbrink, Harold J., Woodside, N. Y. Table lighter. 141,891; July 31.
Sudbrink, Harold J., Woodside, N. Y. Table lighter. 141,892; July 31.
Sudbrink, Harold J., Woodside, N. Y. Table lighter. 141,893; July 31.
Sudbrink, Harold J., Woodside, N. Y. Ring. 142,234; Aug. 21.
Suñix Manufacturing Co.: *See*—
Casso, Bessie, assignor.
Sulzer, Lucien, Chicago, Ill. Fire extinguisher. 140,063; Jan. 16.
Summon, Shirley, assignor to National Silver Company, New York, N. Y. Spoon or similar article of flatware. 141,998; Aug. 7.
Summon, Shirley, assignor to National Silver Company, New York, N. Y. Spoon or similar article of flatware. 142,291; Aug. 21.
Sun Glass Industries, Inc.: *See*—
Zimmer, Herman, assignor.
Sun Oil Company: *See*—
Aldridge, Albert E., assignor.
Sundberg, Carl W., Detroit, Mich., assignor to Balcrank, Inc., Cincinnati, Ohio. Grease pump. 140,987; Apr. 24.
Sundling, Stanley C.: *See*—
Bowes, C. E., and Sundling.
Sunset, Incorporated: *See*—
Genske, H., assignor.
Suter, George D., Wauwatosa, assignor to Globe-Union Inc., Milwaukee, Wis. Spark plug. 142,595; Oct. 16.
Sutphen, Robert M., assignor to Couse Laboratories, Newark, N. J. Combination submarine and land tank. 143,365; Dec. 25.
Sutton, Harry A., assignor to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Airplane. 140,919; Apr. 17.
Svenson, Ernest J., G. J. Peterson, and S. H. Stone, Rockford, assignors to Odin Corporation, Chicago, Ill. Pump. 140,523; Mar. 6.
Swainson, Anne: *See*—
Gutz, R. T., and Swainson.
Swainson, Anne, Chicago, and R. T. Gutz, Park Ridge, assignors to Montgomery Ward & Co., Incorporated, Chicago, Ill. Croquet rack. 142,353; Sept. 11.
Swanson, Donald F., Chicago, Ill. Automatic coffee urn or similar article. 141,943; July 31.
Swanson, Earl E., San Francisco, and R. Goudy, San Mateo, Calif. Milk carton stopper. 142,196; Aug. 14.
Swanson, Earl E., San Francisco, and R. Goudy, San Mateo, Calif. Milk carton tap. 142,197; Aug. 14.
Swanson, Hilbert E., Milwaukee, assignor to Universal Unit Machinery Corporation, West Allis, Wis. Combination hoisting and excavating machine power unit. 141,230; May 15.
Swanson, Ray, assignor of one-third to J. L. Wade, Los Angeles, and one-third to W. W. Lake, Pasadena, Calif. Mixer for butter or the like. 142,680; Oct. 23.
Swasey, Arthur M., Henderson, Ky. Casing for a calculating device. 142,044; Aug. 14.
Swofford, Peter J., Fort Worth, Tex. Extinguisher ash tray. 142,130; Aug. 14.
Sylvania Electric Products Inc.: *See*—
Creed, George J., assignor.
Maurette, René G., assignor.
Polotaye, Frank, assignor.
Szrajer, Mieczyslaw, Forest Hills, assignor to Ideal Novelty & Toy Co., Long Island City, N. Y. Stuffed toy animal. 140,487; Feb. 27.
Szrajer, Mieczyslaw, Forest Hills, assignor to Ideal Novelty & Toy Co., Long Island City, N. Y. Stuffed toy animal. 140,488; Feb. 27.
Szrajer, Mieczyslaw, Forest Hills, assignor to Ideal Novelty & Toy Co., Long Island City, N. Y. Stuffed toy animal. 140,489; Feb. 27.
Szrajer, Mieczyslaw, Forest Hills, assignor to Ideal Novelty & Toy Co., Long Island City, N. Y. Stuffed toy animal. 140,490; Feb. 27.
Szrajer, Mieczyslaw, Forest Hills, assignor to Ideal Novelty & Toy Co., Long Island City, N. Y. Stuffed toy animal. 140,491; Feb. 27.
Szrajer, Mieczyslaw, Forest Hills, assignor to Ideal Novelty & Toy Co., Long Island City, N. Y. Stuffed toy animal. 140,492; Feb. 27.
Szrajer, Mieczyslaw, Forest Hills, assignor to Ideal Novelty & Toy Co., Long Island City, N. Y. Doll. 140,969; Apr. 24.
Tackett, Walker W., North Hollywood, Calif. Toy building. 140,576; Mar. 13.
Tackett, Walker W., North Hollywood, Calif. Toy turreted building. 141,559; June 12.
Tackett, Walker W., North Hollywood, Calif. Toy castle. 141,560; June 12.
Tackett, Walker W., North Hollywood, Calif. Toy depot. 141,561; June 12.
Tackett, Walker W., North Hollywood, Calif. Toy church. 141,567; June 12.
Tackett, Walker W., North Hollywood, Calif. Towered L building. 141,568; June 12.
Tackett, Walker W., North Hollywood, Calif. Toy stable. 141,591; June 12.
Tacón, Luis, and A. L. Cueva, New York, N. Y. Playing card holder or similar article. 142,176; Aug. 14.
Talge, Foster L., et al.: *See*—
Abraham, Ray, assignor.
Lucas, K. B., and Majewski, assignors.
Majewski, J. M., Jr., and Talge, assignors.
Talge, Henry J., assignor.
Talge, H. J., and Martyr.
Talge, Henry J.: *See*—
Majewski, J. M., Jr., and Talge.
Talge, Henry J., et al.: *See*—
Abraham, Ray, assignor.
Lucas, K. B., and Majewski, assignors.
Talge, Henry J., assignor to J. C. Hockery, F. L. Talge, and H. J. Talge, doing business as Rival Manufacturing Company, Kansas City, Mo. Can opener. 139,873; Jan. 2.
Talge, Henry J., assignor to J. C. Hockery, and F. L. and H. J. Talge, doing business as Rival Manufacturing Company, Kansas City, Mo. Ice crusher. 140,395; Feb. 20.
Talge, Henry J., assignor to J. C. Hockery, and F. L. and H. J. Talge, doing business as Rival Manufacturing Company, Kansas City, Mo. Juice extractor. 140,396; Feb. 20.

Talge, Henry J., assignor to J. C. Hockery and F. L. and H. J. Talge, doing business as Rival Manufacturing Company, Kansas City, Mo. Ice crusher. 140,454; Feb. 27.

Talge, Henry J., assignor to J. C. Hockery and F. L. and H. J. Talge, doing business as Rival Manufacturing Company, Kansas City, Mo. Ice crusher. 140,455; Feb. 27.

Talge, Henry J., and C. Martyr, assignors to J. C. Hockery, F. L. Talge, and H. J. Talge, doing business as Rival Manufacturing Company, Kansas City, Mo. Can opener. 142,307; Aug. 28.

Tamblyn, Gordon M., Denver, Colo. Laundry tongs or the like. 141,909; July 31.

Tandler, William S., and F. A. de Weiss, New York, N. Y., assignors to Continental Motors Corporation, Muskegon, Mich. Portable engine power unit housing. 143,306; Dec. 25.

Tandler, William S., and F. A. De Weiss, New York, N. Y., assignors to Continental Motors Corporation, Muskegon, Mich. Portable engine power unit housing. 143,307; Dec. 25.

Tandler, William S., and F. A. De Weiss, New York, N. Y., assignors to Continental Motors Corporation, Muskegon, Mich. Portable engine power unit housing. 143,308; Dec. 25.

Tanzi, Mario, Chicago, Ill. Earring or similar article. 140,732; Apr. 8.

Tanzi, Mario, Chicago, Ill. Brooch or similar article of jewelry. 141,129; May 8.

Tanzi, Mario, Chicago, Ill. Brooch or similar article of jewelry. 141,130; May 8.

Tanzi, Mario, Chicago, Ill. Brooch or similar article of jewelry. 142,045; Aug. 14.

Tatar, Frank, assignor to Know Your Bible Company, Cincinnati, Ohio. Bible book cover. 141,970; Aug. 7.

Tavriasuli, James, Los Angeles, Calif. Picture frame. 141,331; May 22.

Taylor, Auburn, Charleston, W. Va. Chair. 140,524; Mar. 6.

Taylor, Auburn, Charleston, W. Va. Combination vanity and table. 140,920; Apr. 17.

Taylor, Eldridge B., Cleveland, Ohio. Combined serving tray, receptacle, and game device. 142,798; Nov. 6.

Taylor, Florence E., et al.: *See*—
Du Bois, Joseph E., assignor.

Taylor, William C., Washington, D. C. Cigar and cigarette holder. 142,797; Nov. 6.

Teague, James, Jr., assignor to Associated Distributors, Inc., Chicago, Ill. Vanity case. 140,619; Mar. 20.

Teague, Walter D., New York, assignor to Eastman Kodak Company, Rochester, N. Y. Camera. 140,456; Feb. 27.

Teague, Walter D., New York, N. Y., assignor to Illinois Watch Case Co., Elgin, Ill. Vanity case. 143,171; Dec. 11.

Teletype Corporation: *See*—
Zenner, Walter J., assignor.

Tellier, Andre, New York, N. Y. Game board. 140,457; Feb. 27.

Temko, Richard S., New York, N. Y. Plastic unit for use on handbags or the like. 143,101; Dec. 4.

Tennessee Enamel Manufacturing Company: *See*—
Callon, Robert G., assignor.

Terr, Joseph: *See*—
Glaithar, G. E., and Terr.

Terrell, Horace, assignor to Espey Manufacturing Company, New York, N. Y. Radio receiver cabinet. 141,708; June 26.

Terrell, Horace, assignor to Espey Manufacturing Company, Inc., New York, N. Y. Radio receiver cabinet. 141,792; July 3.

Terrell, Horace, assignor to Espey Manufacturing Company, Inc., New York, N. Y. Radio receiver cabinet. 141,999; Aug. 7.

Terrell, Horace, assignor to Espey Manufacturing Company, Inc., New York, N. Y. Radio receiver cabinet. 142,136; Aug. 14.

Terrell, Horace, assignor to Espey Manufacturing Company, Inc., New York, N. Y. Radio receiver cabinet. 142,207; Aug. 14.

Thiebiot, Armand J., Hagerstown, Md., assignor to Fairchild Engine & Airplane Corporation. Airplane. 140,230; Jan. 30.

Thiel, Bernard M., Mishawaka, Ind. Weighing scale. 142,536; Oct. 9.

Thomas, Chester A., Crystal, Lake, Ill. Milk testing device. 140,580; Mar. 13.

Thomas, Wilson I.: *See*—
McConigle, V. J., and Thomas.

Thompson, Arthur E., Marysville, Calif. Water pressure sprayer. 141,623; June 19.

Thompson, Elmer B., and G. A. Estel, Jr., assignors, by mesne assignments, to Globe Milker, Inc., Des Moines, Iowa. Head unit for a milking machine. 143,369; Dec. 25.

Thompson, Harley G., San Francisco, Calif. Clock dial or similar article. 140,234; Feb. 6.

Thompson, Howard H., Santa Cruz, Calif. Book stand or similar article. 141,596; June 12.

Thompson, Josephus, Covington, Ohio, assignor of one-third to Grossman Music Company, Cleveland, Ohio. Whistle. 140,756; Apr. 3.

Thompson, Josephus, Covington, assignor of one-third to Grossman Music Company, Cleveland, Ohio, a partnership composed of J. I. and H. S. Grossman. Kazoo. 142,799; Nov. 6.

Thompson, Parke H., Glendale, assignor to Amp Corporation, St. Louis, Mo. Carbonator cabinet. 143,172; Dec. 11.

Thonet Brothers, Inc.: *See*—
Weill, Bruno R., assignor.

Thornton, Ray F., Dearborn, Mich. Dual motor power unit. 143,370; Dec. 25.

Thorp, Joel R., assignor to The Fulton Company, West Allis, Wis. Steering wheel spinner knob. 141,293; May 22.

Thunder, James A., Chicago, Ill. Brooch or similar article. 141,178; May 8.

Thysse, John, Alameda, Calif. Diesel engine. 141,244; May 15.

Tiemeyer, Myrtle E., and E. E. Bates, St. Louis, Mo. Baby shoe. 142,749; Oct. 30.

Tilton, Danley, assignor to R. H. Clark, Los Angeles, Calif. Quartz orientation table unit. 140,064; Jan. 16.

Tilley, William J.: *See*—
Ferguson, Robert O., assignor.

Timm Aircraft Corporation: *See*—
Timm, Otto W., assignor.

Timm, Otto W., assignor to Timm Aircraft Corporation, Van Nuys, Calif. Vacuum cleaner. 142,198; Aug. 14.

Timmerman, Ben C., Hibbing, Minn. Child's rocking device. 142,046; Aug. 14.

Tinello, Paul N., assignor of fifty percent to A. Capparelli, Canastota, N. Y. Forty year calendar frame. 142,047; Aug. 14.

Tobey, Robert D., assignor to H. L. Kotkins doing business as Seattle Luggage Company, Seattle, Wash. Suitcase. 143,173; Dec. 11.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 140,027; Jan. 16.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 140,028; Jan. 16.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 140,029; Jan. 16.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 140,030; Jan. 16.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 140,031; Jan. 16.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 140,032; Jan. 16.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 140,033; Jan. 16.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 140,034; Jan. 16.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 140,259; Feb. 6.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 140,260; Feb. 6.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 140,261; Feb. 6.

Toklas, Monroe B., assignor to Clearite Products, Inc., New York, N. Y. Cigarette dispenser or the like. 142,448; Sept. 25.

Toklas, Monroe B., assignor to Clearite Products, Inc., New York, N. Y. Cigarette case or similar article. 142,449; Sept. 25.

Toklas, Monroe B., assignor to Clearite Products, Inc., New York, N. Y. Cigarette case or similar article. 142,450; Sept. 25.

Toklas, Monroe B., assignor to Clearite Products, Inc., New York, N. Y. Cigarette case or similar article. 142,451; Sept. 25.

Toklas, Monroe B., assignor to Clearite Products, Inc., New York, N. Y. Cigarette dispenser or the like. 142,596; Oct. 16.

Toklas, Monroe B., assignor to Clearite Products, Inc., New York, N. Y. Cigarette dispenser or the like. 142,597; Oct. 16.

Tomek, Ernst J.: *See*—
Williams, D. J., and Tomek.

Tomlinson, Milton A., Cleveland, Tenn. Seal or similar article. 141,476; June 5.

Topping, Frank F., Muskegon Heights, Mich. Can opener. 141,399; May 29.

Tourraine, Pierre J., Pasadena, Calif. Ring. 140,125; Jan. 23.

Tourneau, Henry K., New York, N. Y. Display case. 142,750; Oct. 30.

Toussaint, Stephen E.: *See*—
Alexander, D. B., and Toussaint.

Toussaint, Stephen E., Glen Ellyn, Ill. Cigarette box or similar article. 141,727; June 26.

Towle Manufacturing Company: *See*—
Nock, Harold E., assignor.

Trasco, Giovanni, Hanford, Calif. Smoking pipe. 143,371; Dec. 25.

Tratsch, Walter A.: *See*—
Haggstrom, Arthur C., assignor.

Trausneck, Herbert R.: *See*—
Wallen, G. R., and Trausneck.

Trew, James W.: *See*—
Wallace, G. W., and Trew.

Trifari, Krussman & Fishel Inc.: *See*—
Bachner, George, assignor.

Trilling, David M., et al.: *See*—
Trilling, D. M., and Rich, assignors.

Trilling, David M., Merion, and G. H. Rich, Philadelphia, assignors to D. M. Trilling, Merion, and H. Montague, Philadelphia, Pa. Space heater. 143,372; Dec. 25.

Trimz Company, Inc.: *See*—
Burton, William, assignor.

Tripplett & Barton Inc.: *See*—
Greene, Clarence K., assignor.

Trollen, Martin E., assignor to Brown & Bigelow, St. Paul, Minn. License holder key chain with front action pencil tip. 142,330; Aug. 28.

Trombley, Bertrand N., Oak Park, assignor to The Murray Corporation of America, Detroit, Mich. Faucet. 141,715; June 26.

Trombley, Bertrand N., Oak Park, assignor to The Murray Corporation of America, Detroit, Mich. Faucet. 141,716; June 26.

Trombley, Bertrand N., Oak Park, assignor to The Murray Corporation of America, Detroit, Mich. Faucet. 141,717; June 26.

Trombley, Bertrand N., Oak Park assignor to The Murray Corporation of America, Detroit, Mich. Cooking stove. 141,841; July 10.

Trombley, Bertrand N., Oak Park, assignor to The Murray Corporation of America, Detroit, Mich. Combined faucet spray and escutcheon plate. 141,842; July 10.

Trook, Burt: *See*—
Eaton, H. W., and Trook.

Tucker, Harry S., Cleveland Heights, Ohio. Wheeled toy. 140,089; Jan. 23.

Tully, Joseph, Toronto, Ontario, Canada. Writing tip section of a fountain pen. 142,751; Oct. 30.

Tuomey, John D., Forest Hills, assignor to Union Aircraft Products Corporation, New York, N. Y. Electrical test plug. 140,458; Feb. 27.

Turet, David: *See*—
Ratkai, G. S., and Turet.

Turkel, Henry, Detroit, Mich. Biopsy needle unit. 142,358; Sept. 11.

Turnbull, William J., Towson, Md., and J. R. Ward, Stamford, Conn., assignors to The Glenn L. Martin Company, Baltimore, Md. Control handle unit. 140,090; Jan. 23.

Turner, Archibald, J., assignor to Wilson Athletic Goods Mfg. Co., Inc., Chicago, Ill. Baseball mitt. 140,846; Apr. 10.

Turner, Archibald J., assignor to Wilson Athletic Goods Mfg. Co., Inc., Chicago, Ill. Baseball glove. 140,859; Apr. 10.

Turner, George L., assignor to Reed & Barton, Taunton, Mass. Spoon or similar article. 142,918; Nov. 13.

Tutrani, John, Brooklyn, N. Y. Toothbrush. 141,562; June 12.

Tuttle & Kift, Inc.: *See*—
Tuttle, William R., assignor.

Tuttle, William R., Riverside, assignor to Tuttle & Kift, Inc., Chicago, Ill. Electric heater. 142,598; Oct. 16.

Twente, Herbert H., Independence, Mo. Combination cabinet and table. 140,702; Mar. 27.

Tyler Fixture Corporation: *See*—
Shreve, Clifford B., assignor.
Tyler, Jerry, assignor.

Tyler, Jerry, assignor to Tyler Fixture Corporation, Niles, Mich. Combination refrigerator and frozen food display. 140,198; Jan. 30.

Tyler, Jerry, assignor to Tyler Fixture Corporation, Niles, Mich. Produce display stand. 142,752; Oct. 30.

Ujlaki, George S., Company: *See*—
Wormley, Edward J., assignor.

Ullman, Martin, assignor to M. J. Waldinger, New York, N. Y. Mechanical pencil. 141,858; July 10.

Ullman, Martin, assignor to M. J. Waldinger, New York, N. Y. Fountain pen. 141,859; July 10.

Ulrich, Carl E., Chicago, Ill. Combined pocket comb and holder. 141,920; July 31.

Umbriago Corporation, et al.: *See*—
Durante, J., and Baker, assignors.

Uncas Manufacturing Company: *See*—
Barbieri, Nicholas, assignor.
Wagner, George P., assignor.

Underkofler, Francis J., Telford, Pa. Child's seat or the like. 140,126; Jan. 23.

Union Aircraft Products Corporation: *See*—
Tuomey, John D., assignor.

United Electric Controls Company: *See*—
Leupold, Henry G., assignor.

United-Rexall Drug Company: *See*—
Gelinas, Ralph J., assignor.

United States Envelope Company: *See*—
Bock, Vera, assignor.

United States Rubber Company: *See*—
Ewart, Elliott S., assignor.

United States Safety Service Co. et al.: *See*—
Moeller, William C., assignor.

U. S. Slicing Machine Company: *See*—
Ahrndt, Arthur H., assignor.

Universal Camera Corporation: *See*—
Case, P. H., and Johanson, assignors.
Kende, George, assignor.

Universal Fountain Pen & Pencil Company: *See*—
Goldman, Alex, assignor.

Universal Lighters Selling Company Ltd.: *See*—
Goetkowski, Bedri H., assignor.

Universal Unit Machinery Corporation: *See*—
Swanson, Hilbert E., assignor.

Unzicker, Charles C.: *See*—
Borchers, E. M., and Unzicker.

Uphues, Frank P., assignor to Crane Co., Chicago, Ill. Bath tube or the like. 139,899; Jan. 2.

Uphues, Frank P., assignor to Crane Co., Chicago, Ill. Bath tube or the like. 139,900; Jan. 2.

Uphues, Frank P., assignor to Crane Co., Chicago, Ill. Corner bath tub or the like. 139,901; Jan. 2.

Uphues, Frank P., assignor to Crane Co., Chicago, Ill. Combination lavatory and cabinet unit. 139,902; Jan. 2.

Urschel, Frank, St. Louis, Mo. Wallpaper. 142,919; Nov. 13.

Utica Drop Forge & Tool Corporation: *See*—
Johnson, Eugene L., Jr., assignor.
Miller, Alfred H., assignor.

Valentine, J. W., Company, Inc.: *See*—
Maibach, John J., assignor.

Vallevona, Antonio, Providence, R. I. Picture frame. 142,356; Sept. 11.

Vander Bloomen, Norbert, West De Pere, Wis. Wall shelf. 142,920; Nov. 13.

Vandeventer, Anna E., Riverside, Calif. Combination crib and cabinet. 142,266; Aug. 21.

Van Ess, John C., Jr., Melrose Park, Ill. Illuminable Christmas decoration. 140,633; Mar. 20.

Van Voorhis, William G.: *See*—
Hollmann, H., and Van Voorhis.

Varga, A.: *See*—
Dudas, Vincent, assignor.

Vasques, John G., Hartford, Conn. Combined ash tray and holder for smokers' articles. 142,753; Oct. 30.

Vaughan Novelty Mfg. Co.: *See*—
La Forte, Michael J., assignor.

Vavrik, Louis, Rossford, assignor to The American Floor Surfacing Machine Company, Toledo, Ohio. Rotary power hand saw. 142,235; Aug. 21.

Vavrik, Louis, Rossford, assignor to The American Floor Surfacing Machine Company, Toledo, Ohio. Surface treating machine. 142,452; Sept. 25.

Vesch, Berce L., St. Louis, Mo. Infant's boot. 142,157; Aug. 14.

Vendig, Malcolm A., Co., Inc.: *See*—
Beveridge, J. M., and Cowan, assignors.

Vermann, Charles, New York, N. Y. Calendar base or similar article. 140,921; Apr. 17.

Vernon, Ethel M.: *See*—
Paul, Walter, assignor.

Verrecchio, Gene, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 142,921; Nov. 13.

Via, Willard R., Panama City, Fla. Toothbrush holder, or similar article. 142,048; Aug. 14.

Victor Casket Hardware Company: *See*—
Pahlow, Gustav C., assignor.

Victor Electric Products, Inc.: *See*—
Spear, Walter A., assignor.

Victor Metal Products Corporation: *See*—
Derham, Philip A., assignor.
Derham, Philip T., assignor.
Jung, Albert H.
Newport, Jesse H., Jr., assignor.

Vidal Corporation: *See*—
Watson, Robert C., assignor.

Vining, Wesley K., Daytona Beach, Fla. Clothespin. 142,249; Aug. 21.

Vivaudou, Jean E., New York, N. Y. Handkerchief case. 143,251; Dec. 18.

Vivaudou, Jean E., New York, N. Y. Sachet bag. 143,252; Dec. 18.

Vivaudou, Jean E., New York, N. Y. Sachet bag. 143,253; Dec. 18.

Vivaudou, Jean E., New York, N. Y. Sachet case. 143,254; Dec. 18.

Vivaudou, Jean E., New York, N. Y. Herb bag. 143,255; Dec. 18.

Vogelman, Philip A., New York, N. Y. Textile fabric. 140,782; Apr. 10.

Vogelman, Philip A., New York, N. Y. Textile fabric. 140,783; Apr. 10.

Vogelman, Philip A., New York, N. Y. Textile fabric. 140,784; Apr. 10.

Vogelman, Philip A., New York, N. Y. Textile fabric. 140,785; Apr. 10.

Vogelman, Philip A., New York, N. Y. Textile fabric. 140,786; Apr. 10.

Vogelman, Philip A., New York, N. Y. Scarf or similar article. 140,787; Apr. 10.

Vogelman, Philip A., New York, N. Y. Textile fabric. 140,788; Apr. 10.

Vogelman, Philip A., New York, N. Y. Textile fabric. 140,789; Apr. 10.

Vogelman, Philip A., New York, N. Y. Textile fabric. 140,790; Apr. 10.

Von Frantzius, Peter, assignor to Sports, Inc., Chicago, Ill. Whistle. 141,400; May 29.

Von Rosenberg, Charles W., Kansas City, Mo. Smoking pipe. 142,922; Nov. 13.

Vreeland, George W., St. Paul, Minn. Picture frame spacer. 143,373; Dec. 25.

W-K-M Company, Inc.: *See*—
Downs, Jesse S., assignor.

Waddell, Dean T., Greenfield, Ohio. Display cabinet. 142,049; Aug. 14.

Wade, Jane Z., Duluth, Minn. Nightgown. 141,262; May 15.
Wade, John L., et al.: *See*—
Swanson, Ray, assignor.
Wade, Nancy L., Los Angeles, Calif. Candlestick. 140,938; Apr. 17.
Wagner, George P., Edgewood, R. I., assignor to Uncas Manufacturing Company. Finger ring. 140,235; Feb. 6.
Wagner, Gustave H.: *See*—
Wagner, Harold A., and G. H.
Wagner, Harold A. and G. H., Portland, Oreg. Truck crane. 140,592; Mar. 13.
Wagner, Jacob, Chicago, Ill. Combined folder for bills, pictures, cards, or the like. 142,923; Nov. 13.
Wagner, Paul, Burlington, Wis. Gate for dispensing liquids. 143,174; Dec. 11.
Wagner, Paul, Burlington, Wis. Lock lever faucet. 143,175; Dec. 11.
Wagner, Raebelle, Freehold, N. J. Combined reflector bulb and clamp. 140,581; Mar. 13.
Wahl, Louis F.: *See*—
Gilbert, E. Q., and Wahl.
Walden, Homer M., deceased, Houston, Tex.; L. T. Weber, executor. Finger ring. 143,374; Dec. 25.
Waldinger, M. J.: *See*—
Ullman, Martin, assignor.
Waldinger, Maurice J., Flushing, N. Y. Fountain pen. 142,900; Aug. 7.
Waldinger, Maurice J., Flushing, N. Y. Mechanical pencil. 142,001; Aug. 7.
Waldinger, Maurice J., Flushing, N. Y. Mechanical pencil. 143,048; Nov. 27.
Waldinger, Maurice J., Flushing, N. Y. Mechanical pencil. 143,049; Nov. 27.
Waldinger, Maurice J., Flushing, N. Y. Mechanical pencil. 143,050; Nov. 27.
Waldinger, Maurice J., Flushing, N. Y. Fountain pen. 143,051; Nov. 27.
Waldinger, Maurice J., Flushing, N. Y. Fountain pen. 143,052; Nov. 27.
Waldinger, Maurice J., Flushing, N. Y. Fountain pen. 143,053; Nov. 27.
Walhimer, Morris, New Haven, Conn. Container for cosmetics. 141,728; June 26.
Walhimer, Morris, New Haven, Conn. Tray for cosmetics. 141,971; Aug. 7.
Walhimer, Morris, New Haven, Conn. Display box or similar article. 142,504; Oct. 2.
Walker, Charles C., Winfield, Iowa. Voice recording machine casing. 141,131; May 8.
Walker, Charles C., Winfield, Iowa. Dust cover for voice recording machines. 141,646; June 19.
Walker, David H., Jr., Golf Club Tract, Calif. Beach chair. 141,231; May 15.
Walker, George W., Pleasant Ridge, Mich. Oil burner casing. 140,236; Feb. 6.
Walker, George W., Pleasant Ridge, assignor to Bohn Aluminum & Brass Corporation, Detroit, Mich. Locomotive. 141,529; June 12.
Walker, George W., Pleasant Ridge, assignor to Eureka Vacuum Cleaner Company, Detroit, Mich. Vacuum cleaner casing or similar article. 141,894; July 31.
Walker, George W., Pleasant Ridge, assignor to Eureka Vacuum Cleaner Company, Detroit, Mich. Vacuum cleaner. 142,453; Sept. 25.
Walker, George W., Pleasant Ridge, assignor to Eureka Vacuum Cleaner Company, Detroit, Mich. Vacuum cleaner casing. 142,599; Oct. 16.
Walker, George W., Pleasant Ridge, assignor to Eureka Vacuum Cleaner Company, Detroit, Mich. Vacuum cleaner casing. 142,600; Oct. 16.
Walker, George W., Detroit, Mich., assignor to The B. F. Goodrich Company, New York, N. Y. Tire. 141,821; July 10.
Walker, George W., Detroit, Mich., assignor to The B. F. Goodrich Company, New York, N. Y. Tire. 141,885; July 31.
Walker, George W., assignor, by mesne assignments, to H. D. Brotman, Detroit, Mich. Washing machine. 142,924; Nov. 13.
Walker, George W., assignor, by mesne assignments, to H. D. Brotman, Detroit, Mich. Washing machine. 142,925; Nov. 13.
Walker, George W., Detroit, Mich., assignor to The Baker-Raulang Company, Cleveland, Ohio. Vehicle body. 143,256; Dec. 18.
Walker, George W., Pleasant Ridge, and K. A. Hopkins, Pontiac, assignors to Eureka Vacuum Cleaner Company, Detroit, Mich. Converter for suction cleaners. 142,537; Oct. 9.
Walker, George W., Pleasant Ridge, and T. Ornas, Birmingham, assignors to Eureka Vacuum Cleaner Company, Detroit, Mich. Vacuum cleaner casing. 142,972; Nov. 20.
Walker, George W., Pleasant Ridge, and K. H. Wittke, Berkley, assignors to Eureka Vacuum Cleaner Company, Detroit, Mich. Vacuum cleaner casing. 142,973; Nov. 20.
Walker, George W., Pleasant Ridge, and K. A. Hopkins, Pontiac, Mich. Toaster or similar article. 143,054; Nov. 27.
Walker, Joset, New York, N. Y. Jacket. 140,138; Jan. 23.
Walker, Joset, New York, N. Y. Jacket. 140,139; Jan. 23.
Walker, Joset, New York, N. Y. Tunic blouse. 140,221; Jan. 30.
Walker, Joset, New York, N. Y. Dress. 141,583; June 12.
Walker, Joset, New York, N. Y. Dress. 142,454; Sept. 25.
Walker, Joset, New York, N. Y. Dress. 142,926; Nov. 13.
Walker, Perry, Kansas City, Mo. Airplane. 139,898; Jan. 2.
Wallace, George W., Waynesboro, and J. W. Trew, Gettysburg, Pa. Combined fruit display and container unit. 143,375; Dec. 25.
Wallace, R., & Sons Manufacturing Company: *See*—
Warren, William S., assignor.
Wallen, George R., and H. R. Trausneck, assignors to Anemostat Corporation of America, New York, N. Y. Window defrosting nozzle. 141,232; May 15.
Wallen, George R., and H. R. Trausneck, assignors to Anemostat Corporation of America, New York, N. Y. Window defrosting nozzle. 141,233; May 15.
Wallner, George M., Iron Mountain, Mich., assignor to D. W. Moor, Jr., and E. M. Belknap, Toledo, Ohio. Wheeled toy. 142,050; Aug. 14.
Walraven, George M., assignor to Snap-On Tools Corporation, Kenosha, Wis. Screwdriver or similar article. 142,267; Aug. 21.
Walsh Engineering Services, Inc.: *See*—
Klyce, Stephen D., assignor.
Walsh, Freeman R., Waltham, Mass. Manicure appliance. 142,177; Aug. 14.
Walther, John, New York, N. Y. Woven textile fabric. 140,970; Apr. 24.
Walther, John, New York, N. Y. Woven textile fabric. 140,971; Apr. 24.
Walther, John, New York, N. Y. Woven textile fabric. 140,972; Apr. 24.
Walther, John, New York, N. Y. Woven textile fabric. 141,332; May 22.
Walther, John, New York, N. Y. Woven textile fabric. 141,333; May 22.
Walther, John, New York, N. Y. Woven textile fabric. 141,334; May 22.
Walther, John, New York, N. Y. Woven textile fabric. 141,335; May 22.
Waltman, Chauncey E., assignor to Finders Manufacturing Company, Chicago, Ill. Electric broiler. 141,477; June 5.
Walton, David, New York, N. Y. Textile fabric. 139,963; Jan. 9.
Waltz, Thomas A., Cincinnati, Ohio. Heat treating apparatus for hardening metal pieces. 142,148; Aug. 14.
Wandt, Carl, New York, N. Y. Ornamental comb or similar article. 140,413; Feb. 20.
Wandt, Carl, New York, N. Y. Lapel ornament or similar article. 142,754; Oct. 30.
Wanger, Clarence A., Washington, D. C. Condiment shaker or similar article. 141,709; June 26.
Wansker, Irving, New York, N. Y. Display box for stationery. 141,245; May 15.
War, The United States of America, as represented by the Secretary of: *See*—
Lavalle, John, assignor.
Warburton, Samuel: *See*—
French, G. F. and R., and Warburton.
Ward, James R.: *See*—
Turnbull, W. J., and Ward.
Ward, John B., assignor to Corning Glass Works, Corning, N. Y. Covered pitcher. 142,927; Nov. 13.
Ward, John S., Pasadena, assignor to A. C. Mfg. Co., Van Nuys, Calif. Portable barbecue or similar article. 141,389; May 29.
Ward, John S., Pasadena, assignor to A. C. Mfg. Co., Van Nuys, Calif. Portable barbecue or similar article. 141,910; July 31.
Wargel, Charles F., and W. L. Brown, assignors to Bernardin Bottle Cap Co., Inc., Evansville, Ind. Can. 141,415; May 29.
Warman, Horace, assignor to Pictorial Machinery Limited, London, England. Photographic viewing and printing cabinet. 140,757; Apr. 3.
Warner, Boyd W., assignor to The Warner Brooder & Appliance Corporation, North Manchester, Ind. Electric water heater for stock tanks and the like. 142,505; Oct. 2.
Warner Brooder & Appliance Corporation, The: *See*—
Warner, Boyd W., assignor.
Warner, Michael M., Chicago, Ill. Spray gun or similar article. 142,601; Oct. 16.
Warren, William S., Meriden, assignor to R. Wallace & Sons Manufacturing Company, Wallingford, Conn. Spoon or other article of flatware. 141,624; June 19.
Warren, William S., Meriden, assignor to R. Wallace & Sons Manufacturing Company, Wallingford, Conn. Spoon or other article of flatware. 142,602; Oct. 16.
Waterman, E. G., & Company: *See*—
Waterman, Ezra G., assignor.
Waterman, Ezra G., Brooklyn, assignor to E. G. Waterman & Company, New York, N. Y. Knife. 140,397; Feb. 20.
Watson, Robert C., Bryn Mawr, Pa., assignor to Vidal Corporation, Camden, N. J. Chair seat-back unit. 142,800; Nov. 6.

Watter, Michael, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Airplane. 140,127; Jan. 23.
Watter, Michael, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Airplane. 140,128; Jan. 23.
Watter, Michael, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Airplane. 140,129; Jan. 23.
Watter, Michael, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Airplane. 140,130; Jan. 23.
Webber, Charles H.: *See*—
Webber, Ralph, and C. H.
Webber, Ralph and C. H., New York, N. Y. Eyeshade. 140,833; Apr. 10.
Webber, Ralph and C. H., New York, N. Y. Eyeshade. 140,834; Apr. 10.
Weber, Llevin T., executor: *See*—
Walden, Homer M.
Weber, Robert, New York, N. Y. Optical frame. 140,271; Feb. 6.
Weed, Edward L., Providence, R. I. Finger ring. 142,603; Oct. 16.
Weeks, Wendy, assignor to National Silver Company. New York, N. Y. Spoon or other article of flatware. 140,262; Feb. 6.
Wehner, John M.: *See*—
Lear, W. P., and Wehner.
Wehner, John M., Culver City, Calif., assignor to Lear, Inc., Piqua, Ohio. Electric motor driven valve actuator. 140,493; Feb. 27.
Weidenhoff, Joseph, Inc.: *See*—
Yenni, W. H., and Gunder, assignors.
Weill, Bruno R., Statesville, N. C., assignor to Thonet Brothers, Inc., New York, N. Y. Chair or similar article. 142,458; Sept. 25.
Weill, Bruno R., Statesville, N. C., assignor to Thonet Brothers, Inc., New York, N. Y. Chair or similar article. 142,681; Oct. 23.
Weill, Bruno R., Statesville, N. C., assignor to Thonet Brothers, Inc., New York, N. Y. Chair or similar article. 142,682; Oct. 23.
Weill, Bruno R., Statesville, N. C., assignor to Thonet Brothers, Inc., New York, N. Y. Chair or similar article. 142,758; Oct. 30.
Weill, Bruno R., Statesville, N. C., assignor to Thonet Brothers, Inc., New York, N. Y. Chair or similar article. 142,801; Nov. 6.
Weill, Bruno R., Statesville, N. C., assignor to Thonet Brothers, Inc., New York, N. Y. Chair or similar article. 142,802; Nov. 6.
Weining, Earl O., assignor to Boeing Airplane Company. Wichita, Kans. Cockpit canopy or similar article. 142,974; Nov. 20.
Weisburgh, Herbert L., New Rochelle, N. Y. Combination radio and phonograph table. 143,376; Dec. 25.
Weisfield & Goldberg, Inc.: *See*—
Esh, Barnett, assignor.
Weiss, Eugene, Los Angeles, Calif. Razor blade sharpener for pencils. 141,270; May 15.
Weiss, Melvin V., Haddonfield, assignor to Radio Condenser Company, Camden, N. J. Dustproof multisection condenser. 141,478; June 5.
Weksler, Harry, assignor to Weksler Thermometer Corporation, New York, N. Y. Thermometer case. 140,091; Jan. 23.
Weksler, Harry, assignor to Weksler Thermometer Corporation, New York, N. Y. Thermometer case. 141,746; July 3.
Weksler Thermometer Corporation: *See*—
Weksler, Harry, assignor.
Weldon, Inc.: *See*—
Benjamin, Samuel P., Jr., assignor.
Weller, Albert K., and W. H. Dozier, Jr., Portland, Oreg. Combined desk and seat. 140,281; Feb. 6.
Wells, Arthur O., Detroit, Mich. Pair of tongs. 140,577; Mar. 13.
Wells, Edward C., D. J. Euler, and N. A. Collins, near Seattle, assignors to Boeing Aircraft Company, Seattle, Wash. Automobile. 142,455; Sept. 25.
Wells, Edward C., D. J. Euler, and N. A. Collins, near Seattle, assignors to Boeing Aircraft Company, Seattle, Wash. Automobile. 142,456; Sept. 25.
Wells, Edward C., D. J. Euler, and N. A. Collins, near Seattle, assignors to Boeing Aircraft Company, Seattle, Wash. Automobile. 142,457; Sept. 25.
Wells-Gardner & Co.: *See*—
Peterson, Clyde A., assignor.
Welsh, Lloyd R., Haskins, Ohio. Putting game device. 141,390; May 29.
Weltman, Charles, New York, N. Y. Toy or similar article. 140,884; Apr. 17.
Wemyss, Robert B., Louisville, Ky. Cigar box display case. 140,242; Feb. 6.
Wemyss, Robert B., Louisville, Ky. Cigar box display holder. 140,243; Feb. 6.
Wemyss, Robert B., Louisville, Ky. Cigar box display holder. 140,244; Feb. 6.
Wemyss, Robert B., Louisville, Ky. Cigar cannister display unit. 140,245; Feb. 6.
Wemyss, Robert B., Louisville, Ky. Cigar cannister display unit. 140,246; Feb. 6.
Wemyss, Robert B., Louisville, Ky. Counter display rack for bagged peanuts. 140,247; Feb. 6.
Wemyss, Robert B., Louisville, Ky. Cigar box counter display. 140,248; Feb. 6.
Wemyss, Robert B., Louisville, Ky. Cigar counter display case. 141,911; July 31.
Wemyss, Robert B., Louisville, Ky. Cigar humidor display case. 141,912; July 31.
Wemyss, Robert B., Louisville, Ky. Counter display stand for packaged commodities. 142,131; Aug. 14.
Wemyss, Robert B., Louisville, Ky. Counter display for packaged commodities. 142,268; Aug. 21.
Wenger, Louis, Sabetha, Kans. Hoist attachment for tractors. 140,344; Feb. 13.
Werback, Arthur C., Garden City, N. Y. Service record shield. 140,185; Jan. 30.
Werkmeister, Vernon, Villa Park, assignor to Schneider Metal Manufacturing Company, Chicago, Ill. Sign supporting bracket. 142,604; Oct. 16.
Werring, Francis W., Haddon Heights, N. J. Toy. 140,723; Apr. 3.
Wesley, Michael L.: *See*—
Muhlbach, H. C., and Wesley.
West Bend Aluminum Company: *See*—
Ramsthal, Alfred F., assignor.
Westcamp, Leslie L., Fair Oaks, Calif. Toy. 141,886; July 31.
Westerlund, Edward A., Los Angeles, Calif. Comb. 141,460; June 5.
Western Metal Specialty Company: *See*—
Livesay, Hulet L., assignor.
Westerman, Albert L., Delaware County, assignor to American Viscose Corporation, Wilmington, Del. Lay figure. 142,459; Sept. 25.
Weston, Alexander S., New York, N. Y. Fluted cigar and cigarette lighter or similar article. 143,055; Nov. 27.
Weston, Alexander S., New York, N. Y. Table lighter or similar article. 143,377; Dec. 25.
West Virginia Glass Specialty Company, Incorporated: *See*—
Pertz, John, assignor.
Weyenberg, Henry, and C. Quist, assignors to Holland Furnace Company, Holland, Mich. Base for an oil burner or the like. 139,957; Jan. 9.
Weyenberg, Henry, and C. Quist, assignors to Holland Furnace Company, Holland, Mich. Oil burner. 140,620; Mar. 20.
Wheary, Warren, Evanston, Ill. Display rack. 141,319; May 22.
Wheatley, Charles S., Boston, Mass. Gun. 141,078; May 1.
Wheatley, Charles S., Boston, Mass. Gun or similar article. 142,209; Aug. 21.
Wheeler, Thomas L., Jr., Columbus, Ohio. Illuminable switch plate. 141,030; Apr. 24.
Wheeler, William N., Paris, Ky. Toy vehicle. 140,186; Jan. 30.
White, Norman W., Longport, N. J. Combined window shade and curtain. 142,538; Oct. 9.
White, Norman W., Longport, N. J. Curtain bracket. 142,539; Oct. 9.
White, Norman W., Longport, N. J. Curtain bracket. 142,540; Oct. 9.
White, Paul W., New Haven, Conn. Multiple drafting instrument or the like. 142,051; Aug. 14.
Whitehead, Della H., Del Rio, Tex. Mirror. 140,131; Jan. 23.
Whitehead, Della H., Del Rio, Tex. Dresser. 140,132; Jan. 23.
Whitehead, Della H., Del Rio, Tex. Dresser. 140,133; Jan. 23.
Whitehead, Della H., Del Rio, Tex. Table. 140,134; Jan. 23.
Whitehouse, John N., Camden, N. J. Fountain pen. 143,176; Dec. 11.
Widen, Gunnar G., Minneapolis, Minn. Game board. 140,885; Apr. 17.
Wieber, Joseph R., Corona, N. Y. Floral holder. 140,886; Apr. 17.
Wiener, Jack, New York, N. Y. Embroidered trimming or the like. 140,957; Apr. 24.
Wilcox, Henrietta, Brecksville, Ohio. Doll. 141,002; Apr. 24.
Wilder, George W., Brookfield, Conn. Night latch. 141,887; July 31.
Willamette Hyster Company: *See*—
Johnson, George V., assignor.
Williams, Cephas, Streator, Ill. Front end hydraulic loader. 141,132; May 8.
Williams, Cephas, Streator, Ill. Front end hydraulic loader. 141,133; May 8.
Williams, Cephas, Streator, Ill. Front end hydraulic loader. 141,271; May 15.
Williams, Cephas, Streator, Ill. Front end hydraulic loader. 141,272; May 15.
Williams, Daniel J., Fairfield, and E. J. Tomek, Danbury, Conn.; said Tomek assignor to said Williams. Filing machine. 141,416; May 29.
Williams, David H.: *See*—
Hite, W. A., Harvuot, and Williams.
Williams, Earl C., Seattle, Wash., assignor to G. H. Gill, Los Angeles, Calif. Eraser and holder therefor. 141,530; June 12.

Williams, Karl C., Seattle, Wash., assignor to G. H. Gill, Los Angeles, Calif. Combined eraser and brush with holder therefor. 141,531; June 12.
Williams, Eugene, Washington, Mo. Atomizer. 143,378; Dec. 25.
Williams, James D., Jr., Leavenworth, Ind. Toilet seat. 142,755; Oct. 30.
Williams, William E. and W. L., Los Angeles, Calif. Toy pistol. 141,452; June 5.
Williams, William G., Anaheim, Calif. Tie rack. 141,134; May 8.
Williams, William G., Anaheim, Calif. Game board. 142,236; Aug. 21.
Williams, William L.: *See*—
Williams, William E. and W. L.
Willson Products, Inc.: *See*—
Shindel, Harry F., assignor.
Wilmot Castle Company: *See*—
Greppin, Ernest H., assignor.
Wilson Athletic Goods Mfg. Co., Inc.: *See*—
Turner, Archibald J., assignor.
Wilson, Harry H., Point Pleasant, N. J. Puzzle. 141,391; May 29.
Wilson, James E., assignor of one-fourth to G. C. Knight, Detroit, Mich., and one-fourth to D. G. Smith. Container for bottles and other articles. 140,404; Feb. 20.
Wilson, William W., Memphis, Tenn. Sofa bed hinge. 140,298; Feb. 6.
Windfiel, Joseph C., assignor to Mead Johnson & Company, Evansville, Ind. Bottle closure and dispensing device. 140,804; Apr. 10.
Wingfoot Corporation: *See*—
Brunner, Elmer F., assignor.
Winkler, Lillian S., Los Angeles, Calif. Lapel pin. 140,724; Apr. 3.
Winslow, Samuel J., Providence, R. I. Round-the-neck mirror. 140,582; Mar. 13.
Winslow, Samuel J., Providence, R. I. Hand mirror. 142,756; Oct. 30.
Winslow, Samuel J., Providence, R. I. Round-the-neck mirror. 142,759; Oct. 30.
Winston, George, and A. B. Sawyer, Brooklyn, assignors to Plastic Treasures Inc., New York, N. Y. Toy or similar article. 142,803; Nov. 6.
Winter, Arthur, Weehawken, N. J. Fountain pen. 140,151; Jan. 30.
Winter, Arthur, Weehawken, N. J. Nib section for a fountain pen or similar article. 141,747; July 3.
Winters & Crampton Corporation: *See*—
Stewart, Donald E., assignor.
Wise, Lawrence, assignor to Playette Corporation, New York, N. Y. Toy theater. 140,922; Apr. 17.
Wise, William F., assignor to The Aviation Corporation, Detroit, Mich. Container for bottles and other articles. 140,414; Feb. 20.
Wise, William F., and L. A. Fannon, Detroit, Mich., assignors to The Aviation Corporation, New York, N. Y. Container for bottles and other articles. 140,403; Feb. 20.
Wise, William F. and L. A. Fannon, Detroit, Mich., assignors to The Aviation Corporation, New York, N. Y. Container bottom. 140,415; Feb. 20.
Witt, Dorothy A., Wilmette, Ill. Compact. 141,860; July 10.
Wittke, Kurt H.: *See*—
Walker, G. W., and Wittke, assignors.
Wittke, Kurt H., Berkeley, assignor to Eureka Vacuum Cleaner Company, Detroit, Mich. Suction cleaner dusting brush or similar article. 141,802; July 3.
Wittke, Kurt H., Berkeley, assignor to Eureka Vacuum Cleaner Company, Detroit, Mich. Suction cleaner nozzle or similar article. 141,803; July 3.
Wittke, Kurt H., Berkeley, assignor to Eureka Vacuum Cleaner Company, Detroit, Mich. Suction cleaner nozzle or similar article. 141,804; July 3.
Wittke, Kurt H., Berkeley, assignor to Eureka Vacuum Cleaner Company, Detroit, Mich. Suction cleaner nozzle or similar article. 141,805; July 3.
Wittke, Kurt H., Berkeley, assignor to Eureka Vacuum Cleaner Company, Detroit, Mich. Sprayer or similar article. 141,806; July 3.
Wittke, Kurt H., Berkeley, assignor to Eureka Vacuum Cleaner Company, Detroit, Mich. Suction cleaner brush or similar article. 141,807; July 3.
Wolf, Leo, Chicago, Ill. Pull toy. 141,453; June 5.
Wolf, Leo, Chicago, Ill. Pull toy. 141,454; June 5.
Wolf, Leo, Chicago, Ill. Toy. 141,514; June 5.
Wolf, Leo, Chicago, Ill. Toy. 141,972; Aug. 7.
Wolf, Leo, Chicago, Ill. Toy. 141,973; Aug. 7.
Wolf, Semon, New York, N. Y. Slip. 143,056; Nov. 27.
Wolf, William, assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth. 140,436; Feb. 27.
Wolf, William, assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth. 142,132; Aug. 14.
Wolfberg, Irene, Chicago, Ill. Toy figure. 142,605; Oct. 16.
Wolfe, Lester, U. S. Navy. Magnetic compass. 140,578; Mar. 13.
Wolfe & Mann Device Co.: *See*—
Frentz, B. H., and Berlin.
Wolfelt, Curt, New York, N. Y. Shoe. 140,545; Mar. 6.
Wolfelt, Curt, New York, N. Y. Combined shoe sole and heel. 140,703; Mar. 27.
Wolff, Asher, Brooklyn, N. Y. Combined bottle cap and measuring cup. 141,944; July 31.
Wolfson, Abe M., Chicago, Ill. Combined cigarette box and ash tray holder. 140,704; Mar. 27.
Wolock, Morris, New York, N. Y. Shoe. 142,461; Oct. 2.
Wolock, Morris, New York, N. Y. Shoe. 142,506; Oct. 2.
Wolock, Morris, New York, N. Y. Shoe. 142,507; Oct. 2.
Wood, Charles J., La Porte, Ind., assignor of one-half to G. W. Seng. Toy fire engine. 141,772; July 3.
Wood, Edward L., Detroit, Mich. Wheel cover. 139,874; Jan. 2.
Wood, Robert W., Swarthmore, assignor to J. D. Biever, Philadelphia, Pa. Wheeled toy. 141,098; May 8.
Wood, Robert W., Swarthmore, assignor to J. D. Biever, Philadelphia, Pa. Wheeled toy. 141,153; May 8.
Wood, Robert W., Swarthmore, assignor to J. D. Biever, Philadelphia, Pa. Wheeled toy. 141,154; May 8.
Woodruff, Albert E., Oak Park, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Receiver earpiece. 142,133; Aug. 14.
Woodruff, Frances E., Orange, N. J. Double bag for hot water or ice. 140,199; Jan. 30.
Woods, Fred D.: *See*—
Bauer, H. A., Woods, and Beckstrom.
Wormley, Edward J., assignor to G. S. Ujlaki Company, New York, N. Y. Receptacle for infant's food. 143,379; Dec. 25.
Woron, John S., Glastonbury, Conn. Cradle. 141,294; May 22.
Worth, Henry, and M. D. Goldsmith, New York City, N. Y. Bottle. 143,057; Nov. 27.
Wortman, Grant, Chicago, Ill. Place card holder. 142,757; Oct. 30.
Wright-Batcheider Corporation: *See*—
Wright, Wallace C., assignor.
Wright, Howard C., Glouster, Ohio. Rocking chair. 141,295; May 22.
Wright, Richard H., Cleveland Heights, Ohio. Valve handle. 142,928; Nov. 13.
Wright, Roy, Glenwood, Iowa. Pliers. 140,065; Jan. 16.
Wright, Wallace C., Brookfield, N. H., assignor to Wright-Batcheider Corporation, Boston, Mass. Shoe welt. 141,974; Aug. 7.
Wronke, Louis J., Des Plaines, assignor to S. N. Shure, and Frances Shure, trustee, doing business as Shure Brothers, Chicago, Ill. Phonograph pickup arm. 142,052; Aug. 14.
Wronke, Louis J., assignor, by mesne assignments, to Belmont Radio Corporation, Chicago, Ill. Recessed speaker grille frame for a radio cabinet. 142,158; Aug. 14.
Wronke, Louis J., assignor, by mesne assignments, to Belmont Radio Corporation, Chicago, Ill. Recessed speaker grille frame for a radio cabinet. 142,159; Aug. 14.
Wurster, David, New York, N. Y., assignor to J. Bergman, Pittsburgh, Pa. Educational toy for teaching arithmetic. 142,053; Aug. 14.
Wydom, Herbert H., Brockton, Mass., assignor to The B. F. Goodrich Company, New York, N. Y. Heel. 142,606; Oct. 16.
Wydom, Herbert H., Brockton, Mass., assignor to The B. F. Goodrich Company, New York, N. Y. Heel. 142,607; Oct. 16.
Wyse, Harold G., Dayton, Ohio. Tobacco pipe. 142,760; Oct. 30.
Wyszynski, Mary H., Hamtramck, Mich. Vegetable holder. 141,461; June 5.
Yager, Edward, Toledo, Ohio. Housing for wood planing machine. 143,178; Dec. 11.
Yandell, Anne, New York, N. Y. Sock or similar article. 141,336; May 22.
Yandell, Anne, assignor to Mary Chess, Inc., New York, N. Y. Sachet or similar article. 143,177; Dec. 11.
Yant, William P.: *See*—
Littlefield, J. B., Schneider, and Yant.
Yant, William P., and K. B. Ray, assignors to Mine Safety Appliances Company, Pittsburgh, Pa. Air purifying canister. 143,102; Dec. 4.
Yates, George, Glendale, Calif. Spring-clip hanger. 140,410; Feb. 20.
Yates, George, Glendale, Calif. Spring-clip hanger. 143,103; Dec. 4.
Yeager, Earnest C., McGregor, Tex. Clothespin. 142,683; Oct. 23.
Yenni, William H., and V. L. Gunder, Chicago, Ill., assignors to Joseph Weidenhoff, Inc. Engine testing equipment. 140,411; Feb. 20.
York Hoover Corporation: *See*—
Kuhlman, Carl A., assignor.
York Research Corporation: *See*—
Schlieben, Ernest W., assignor.
Yost, Jeannette E., Canton, Ohio. Millinery display stand. 140,579; Mar. 13.
Young, Clarence, assignor to The American Pad & Textile Company, Greenfield, Ohio. Tractor seat cushion or similar article. 141,592; June 12.
Young, Matthew L., Huntington Park, Calif. Duplex socket wrench. 142,054; Aug. 14.
Young, Nora M., Memphis, Tenn. Dol. 140,873; Apr. 10.
Young, Theodore F., Attica, assignor to Scott Aviation Corporation, Lancaster, N. Y. Caster. 140,887; Apr. 17.

Young, Theodore F., Attica, assignor to Scott Aviation Corporation, Lancaster, N. Y. Wheel with bracket mounting. 142,975; Nov. 20.
Young, Theodore F., Attica, assignor to Scott Aviation Corporation, Lancaster, N. Y. Airplane tail wheel. 142,976; Nov. 20.
Young, Willard G., Kenmore, assignor to W. A. Case and Son Manufacturing Company, Buffalo, N. Y. Lavatory. 143,104; Dec. 4.
Younghusband, James L., Chicago, Ill. Combination money clip and watch. 142,357; Sept. 11.
Youthform Dress Inc.: *See*—
Garfinkle, Jerome, assignor.
Yuza, Rudolph, and J. W. Srodulski, assignors to A. Dalkin Co., Chicago, Ill. Beverage dispensing unit. 141,843; July 10.
Zabel, William C. P., and R. C. Helfenbein, Chicago, Ill. Strainer. 143,105; Dec. 4.
Zahn, Samuel, New York, N. Y. Jacket. 140,222; Jan. 30.
Zahn, Samuel, New York, N. Y. Jacket. 140,223; Jan. 30.
Zahn, Samuel, New York, N. Y. Jacket. 140,224; Jan. 30.
Zahn, Samuel, New York, N. Y. Dress. 140,225; Jan. 30.
Zahn, Samuel, New York, N. Y. Dress. 140,226; Jan. 30.
Zahn, Samuel, New York, N. Y. Dress. 140,227; Jan. 30.
Zahn, Samuel, New York, N. Y. Dress. 142,438; Sept. 25.
Zahn, Samuel, New York, N. Y. Dress. 142,460; Sept. 25.
Zahn, Samuel, New York, N. Y. Dress. 142,804; Nov. 6.
Zahn, Samuel, New York, N. Y. Dress. 142,805; Nov. 6.
Zaiser, William, Rockville Center, N. Y. Piano. 141,296; May 22.
Zeller, Christian, Morton, Ill. Tractor cab. 142,761; Oct. 30.
Zellweger, Gustav, Union City, N. J. Embroidered edging. 142,541; Oct. 9.
Zemby, Zachary, Los Angeles, Calif. Compact or similar article. 143,380; Dec. 25.
Zenith Optical Company: *See*—
Guttmann, Eric S.
Zenner, Walter J., Des Plaines, assignor to Teletype Corporation, Chicago, Ill. Printing telegraph cabinet. 140,135; Jan. 23.
Zephyr Manufacturing Co.: *See*—
Jones, Dwight C., assignor.
Ziegfeld, Florenz W., Chicago, Ill. Drawing instrument. 142,608; Oct. 16.
Ziff-Davis Publishing Company: *See*—
Elliston, Henrietta, assignor.
Zigmant, Frank, Los Angeles, Calif. Cigarette lighter. 143,381; Dec. 25.
Zimmer, Herman, Brooklyn, N. Y., assignor to Sun Glass Industries, Inc., Newark, N. J. Pair of frames for sun glasses or similar article. 140,835; Apr. 10.
Zimmerman, Charles E., Chicago, Ill. Glove. 142,806; Nov. 6.
Zimmerman, Edward C., Winnetka, assignor to Patent License Corporation, Chicago, Ill. Lens panel for a lighting fixture. 141,064; May 1.
Zimmerman, Samuel, New York, N. Y. Coat. 141,417; May 29.
Zimmerman, Samuel, New York, N. Y. Coat. 141,418; May 29.
Zimmerman, Samuel, New York, N. Y. Coat. 141,937; July 31.
Zinkel, Engelbert, San Francisco, Calif. Foldable exercising mat or similar article. 142,685; Oct. 23.
Zinkil, Roy H., Oak Park, Ill., and H. Dreyfuss, New York, N. Y., assignors to Crane Co., Chicago, Ill. Cover plate for a sink and laundry tub supply fitting or the like. 141,988; Aug. 7.
Zinkil, Roy H., Oak Park, Ill., and H. Dreyfuss, New York, N. Y., assignors to Crane Co., Chicago, Ill. Faucet handle or the like. 143,382; Dec. 25.
Zinkil, Roy H., Oak Park, Ill., and H. Dreyfuss, New York, N. Y., assignors to Crane Co., Chicago, Ill. Cover plate for a bath supply fitting or the like. 143,383; Dec. 25.
Zinkil, Roy H., Oak Park, Ill., and H. Dreyfuss, New York, N. Y., assignors to Crane Co., Chicago, Ill. Cover plate for a lavatory supply and waste fitting or the like. 143,384; Dec. 25.
Zinkil, Roy H., Oak Park, Ill., and H. Dreyfuss, New York, N. Y., assignors to Crane Co., Chicago, Ill. Cover plate for a beveled panel back lavatory supply and waste fitting or the like. 143,385; Dec. 25.
Zorichak, William A., Cloquet, Minn. Watch bracelet. 142,684; Oct. 23.
Zwald, Adolph, assignor to Hyster Company, Portland, Oreg. Portable yarder. 141,135; May 8.

LIST OF DISCLAIMERS

Adler, Herman G., Detroit, Mich. Disclaimer filed by the assignee, King-Seeley Corporation. No. 2,212,890; disclaimer filed June 20, 1945; v. 576; p. 374.

Alexander, Focsaneanu, New York, N. Y. Disclaimer filed by the assignee, General Electric Company. No. 2,203,482; disclaimer filed Aug. 21, 1945; v. 579; p. 152.

Alexanderson, Ernst F. W., and Martin A. Edwards, Schenectady, N. Y. Disclaimer filed by the assignee, General Electric Company. No. 2,227,992; disclaimer filed June 22, 1945; v. 576; p. 374.

Bair, James G., Pittsburgh, and Joseph T. Shell, Zellenople, Pa. Disclaimer filed by the inventors. No. 2,333,507; disclaimer filed July 31, 1945; v. 578; p. 1.

Baker, Harold J., Jr., Flossmoor, Ill., and William Mendius, Munster, Ind. Disclaimer filed by the assignee, Sinclair Refining Company. No. 2,242,771; disclaimer filed June 22, 1945; v. 576; p. 374.

Barrows, Donald S., Rochester, N. Y. Disclaimer filed by the inventor and the assignee, The Symington-Gould Corporation. No. 2,186,935; disclaimer filed Oct. 25, 1945; v. 580; p. 501.

Birdseye, Clarence, Gloucester, Mass. Disclaimer filed by the assignee, Mechanical Research, Inc. No. 2,263,452; disclaimer filed Jan. 12, 1945; v. 571; p. 175.

Blackburn, Charles Marvin, Indianapolis, Ind. Disclaimer filed by the assignee, P. R. Mallory & Co., Inc. No. 2,297,607; disclaimer filed Dec. 7, 1944; v. 570; p. 345.

Blanchard, Rolla F., Westfield, N. J., and William B. Blanton, Merrick, and Harry L. Browne, Brooklyn, N. Y. Disclaimer filed by the assignee, The Western Union Telegraph Company. No. 2,193,811; disclaimer filed May 22, 1945; v. 576; p. 9.

Blanton, William B., Merrick, N. Y. Disclaimer filed by the assignee, The Western Union Telegraph Company. No. 2,193,812; disclaimer filed May 22, 1945; v. 576; p. 9.

Brantingson, Sigurd, Hamden, Conn. Disclaimer filed Mar. 24, 1945, by the assignee, Sargent & Company. No. 2,300,905; disclaimer filed Mar. 24, 1945; v. 574; p. 1.

Brown, Charles H., Baldwin, N. Y. (Two cases.) Disclaimer filed by the assignee, Radio Corporation of America. No. 2,280,026; disclaimers filed Dec. 2, 1944, and Sept. 6, 1945; v. 570; p. 1; and v. 579; p. 152.

Burton, William, Chicago, Ill. (Ten cases.) Disclaimers filed by the inventor and the assignee, Trinz Company, Inc. Des. Nos. 136,427, 136,428, 136,431, 136,432, 136,482, 136,485, 136,542, 136,545, 136,546, and 136,573; disclaimers filed Sept. 8, 1945; v. 579; p. 151 and 152.

Burton, William, Chicago, Ill. Disclaimer filed by the inventor and the assignee, United Wall Paper Factories, Inc. Des. No. 138,257; disclaimer filed Oct. 11, 1945; v. 580; p. 153.

Cassen, Benedict, Pittsburgh, Pa. Disclaimer filed by the assignee, Westinghouse Electric & Manufacturing Company. No. 2,342,789; disclaimer filed Feb. 16, 1945; v. 572; p. 539.

Clark, Thomas B., Rockford, Ill. Disclaimer filed by the assignee, The Permutit Company. No. 1,903,957; disclaimer filed Sept. 21, 1945; v. 579; p. 519.

Clark, William Russell, Abington, Pa. Disclaimer filed by the assignee, Leeds and Northrup Company. No. 2,318,197; disclaimer filed Sept. 4, 1945; v. 579; p. 1.

Collom, Cletus J., Detroit, Mich. Disclaimer filed by the inventor. No. 2,276,933; disclaimer filed Dec. 11, 1944; v. 570; p. 345.

Danzier, Harold I., New York, N. Y. Disclaimer filed by the assignee, Condenser Corporation of America. No. 1,940,847; disclaimer filed May 8, 1945; v. 575; p. 1.

Devine, George F., Easton, Conn. Disclaimer filed by the assignee, General Electric Company. No. 2,369,952; disclaimer filed Sept. 20, 1945; v. 579; p. 699.

Dotterweich, Andrew J., Pittsburgh, Pa. Disclaimer filed by the assignee, The Permutit Company. No. 1,954,405; disclaimer filed Sept. 21, 1945; v. 579; p. 519.

Driver, John M., San Francisco, Calif. Disclaimer filed by the assignee, Sylvia F. Driver. No. 2,019,401; disclaimer filed Mar. 30, 1945; v. 574; p. 1.

Eastman, Du Bois, and Charles Richker, Port Arthur, Tex. Disclaimer filed by the assignee, The Texas Company. No. 2,348,794; disclaimer filed Jan. 3, 1945; v. 570; p. 663.

Ekkebus, Eloy D., Mount Prospect, Ill. Disclaimer filed by the assignee, Chicago Belting Company. No. 2,309,446; disclaimer filed Jan. 27, 1945; v. 571; p. 352.

Fitch, Raymond L., Buffalo, N. Y. Disclaimer filed by the inventor. No. 2,277,431; disclaimer filed Oct. 1, 1945; v. 580; p. 153.

Flanagan, John E., Chicago, Ill. Disclaimer filed by the inventor. No. 2,319,925; disclaimer filed May 1, 1945; v. 575; p. 208.

Fröhlich, Alfred, Dessau, Germany. Disclaimer filed by the assignee, General Aniline & Film Corporation. No. 2,320,422; disclaimer filed Jan. 31, 1945; v. 572; p. 1.

Gainsley, Sheldon H., Minneapolis, Minn. Disclaimer filed by the inventor. No. 2,352,676; disclaimer filed June 4, 1945; v. 576; p. 10.

Goodridge, Edward S., Port Washington, N. Y. Disclaimer filed by the assignee, Induction Heating Corp. Re. No. 22,322; disclaimer filed June 7, 1945; v. 576; p. 165.

Grebe, John J., and Ross T. Sanford, Midland, Mich. Disclaimer filed by the assignee, The Dow Chemical Company. No. 1,877,504; disclaimer filed Apr. 2, 1945; v. 574; p. 1.

Harder, Edwin L., Forest Hills, and Edward H. Klemmer, Williinsburg, Pa. Disclaimer filed by the assignee, Westinghouse Electric Corporation, formerly Westinghouse Electric & Manufacturing Company. No. 2,240,699; disclaimer filed Aug. 1, 1945; v. 578; p. 1.

Harlan, Avery S., Detroit, Mich., and Victor S. Crane and Paul R. Honan, near Lebanon, Boone County, Ind. Disclaimer filed by the assignee, Honan-Crane Corporation. No. 2,153,062; disclaimer filed Mar. 14, 1945; v. 573; p. 361.

Hays, Russell R., Wellsville, Kans. Disclaimer filed by the patentee. No. 2,086,802; disclaimer filed Dec. 18, 1944; v. 570; p. 663.

Hight, Stuart C., South Orange, N. J. Disclaimer filed by the assignee, Bell Telephone Laboratories, Incorporated. No. 2,343,059; disclaimer filed Jan. 30, 1945; v. 572; p. 1.

Hollander, Aladar, Berkeley, Calif. Disclaimer filed by the assignee, Byron Jackson Co. No. 1,997,824; disclaimer filed Feb. 5, 1945; v. 572; p. 1.

Johnson, Joseph N., Irwin, Calif. Disclaimer filed by the inventor. No. 1,866,771; disclaimer filed Sept. 25, 1945; v. 579; p. 699.

Journeaux, Didier, Wauwatosa, Wis. Disclaimer filed by the assignee, Allis-Chalmers Manufacturing Company. No. 2,364,981; disclaimer filed June 8, 1945; v. 576; p. 165.

Kelly, Louis J., Teaneck, N. J. Disclaimer filed by the assignee, The M. W. Kellogg Company. No. 2,302,328; disclaimer filed Apr. 19, 1945; v. 574; p. 783.

Keyes, John J., Edgewood, Pa. Disclaimer filed by the assignee, Westinghouse Electric & Manufacturing Company. No. 2,234,560; disclaimer filed Jan. 20, 1945; v. 571; p. 352.

Knorr, Angelo, Berlin-Tempelhof, Germany. Disclaimer filed by the assignee, Winthrop Chemical Company, Inc. No. 1,899,340; disclaimer filed May 5, 1945; v. 575; p. 208.

Knowles, Dewey D., Forest Hills, Pa., and Cecil E. Haller, Bloomfield, N. J. Disclaimer filed by the assignee, Westinghouse Electric & Manufacturing Company. No. 2,310,092; disclaimer filed Mar. 15, 1945; v. 573; p. 361.

Lancaster, T. John, Newton, Mass. Disclaimer filed by the assignee, United Shoe Machinery Corporation. No. 2,293,834; disclaimer filed Jan. 27, 1945; v. 571; p. 513.

Langdon, Jesse D., Los Angeles, Calif. Disclaimer filed by the inventor. No. 2,336,486; disclaimer filed Feb. 14, 1945; v. 572; p. 185.

Lehde, Henry, Brooklyn, N. Y. Disclaimer filed by the assignee, The Brown Instrument Company. No. 2,347,200; disclaimer filed Feb. 28, 1945; v. 573; p. 1.

Lindemann, Walter C., and Edwin A. Rutenber, Milwaukee, Wis. Disclaimer filed by the assignee, Automatic Products Company. No. 1,818,563; disclaimer filed July 2, 1945; v. 577; p. 1.

Linder, Ernest G., Philadelphia, Pa. Disclaimer filed by the assignee, Radio Corporation of America. No. 2,273,320; disclaimer filed Jan. 30, 1945; v. 572; p. 185.

Litton, Charles V., Redwood City, Calif. (Two cases.) Disclaimers filed by the assignee, International Standard Electric Corporation. Nos. 2,304,186 and 2,309,966; disclaimers filed May 8, 1945; v. 575; p. 208.

Ludwig, Leon R., Wilkinsburg, and James H. Frakes, Edgewood, and Stanley T. Schofield, deceased, late of Wilkinsburg, Pa., by Martha M. Schofield, administratrix, Wilkinsburg, Pa. Disclaimer filed by the assignee, Westinghouse Elec. & Mfg. Co. No. 2,272,717; disclaimer filed Feb. 12, 1945; v. 572; p. 185.

MacNeill, John B., Wilkinsburg, Benjamin P. Baker, Turtle Creek, and Andrew H. Bakken, Edgewood, Pa. Disclaimer filed by the assignee, Westinghouse Electric & Manufacturing Company. No. 2,281,042; disclaimer filed Mar. 3, 1945; v. 573; p. 1.

Manville, Keith B., Highland Park, N. J. Disclaimer filed by the inventor. No. 2,259,527; disclaimer filed Aug. 24, 1945; v. 578; p. 281.

McCluskey, Francis J., and George W. Goldner, St. Louis, Mo. Disclaimer filed by the assignee, James R. Kearney Corporation. No. 2,246,807; disclaimer filed May 25, 1945; v. 576; p. 10.

Michael, Oscar Stewart, Foxboro, Mass. Disclaimer filed by the assignee, The Foxboro Company. No. 2,277,365; disclaimer filed Nov. 29, 1945; v. 581; p. 515.

Mittag, Albert H., Schenectady, N. Y. (Two cases.) Disclaimer filed by the assignee, General Electric Company. No. 2,362,294; disclaimers filed July 27 and Oct. 9, 1945; v. 578; p. 1; and v. 580; p. 153.

Moe, Herman A., Warwick, R. I. Disclaimer filed by the assignee, Boston Wire Stitcher Company. No. 2,277,931; disclaimer filed Dec. 7, 1944; v. 570; p. 345.

Orshansky, Elias, Jr., Deep River and Conrad Gerhard Moller, 3rd., New Canaan, Conn. Disclaimer filed by the assignee, Marquette Metal Products Company. No. 2,225,082; disclaimer filed Feb. 3, 1945; v. 572; p. 1.

Parker, Gordon S., Edgewood, Pa. Disclaimer filed by the assignee, Westinghouse Electric & Manufacturing Company. No. 2,301,746; disclaimer filed Feb. 12, 1945; v. 572; p. 185.

Perry, Lewis A., Seattle, Wash. Disclaimer filed by the assignee, Pioneer Sand and Gravel Company. No. 1,898,890; disclaimer filed Apr. 4, 1945; v. 574; p. 185.

Peter, Edmund W. A., Vancouver, British Columbia, Canada. Disclaimer filed by the inventor and the licensee, The Bates Manufacturing Company. No. 2,115,537; disclaimer filed Oct. 17, 1945; v. 580; p. 501.

Pomeroy, Roy J., Los Angeles, Calif. Disclaimer filed by the assignee, Radio Corporation of America. No. 1,923,746; disclaimer filed Dec. 12, 1944; v. 570; p. 185.

Prewitt, Richard H., Lansdowne, Pa. Disclaimer filed by the patentee. No. 2,234,196; disclaimer filed May 22, 1945; v. 576; p. 165.

Richter, Herman W., Bridgewater, and Harold R. Gillette, Newton Highlands, Mass. Disclaimer filed by the inventors; the assignee, Federal Electric Company, Inc., approving and concurring. No. 2,264,189; disclaimer filed June 23, 1945; v. 576; p. 374.

Rickus, George M., Norwalk, Conn. Disclaimer filed by the assignee, Hat Corporation of America. No. 2,322,255; disclaimer filed Sept. 11, 1945; v. 579; p. 152.

Ridings, Garvice H., Summit, and Raleigh J. Wise, Dunnellen, N. J. Disclaimer filed by the assignee, The Western Union Telegraph Company. No. 2,386,263; disclaimer filed Oct. 31, 1945; v. 581; p. 165.

Roberts, Eugene, Hastings, N. Y. (Three cases.) Disclaimers filed by the assignee, The Western States Machine Company. Nos. 2,096,341 and 2,145,633; disclaimers filed June 30 and July 3, 1945; v. 576; p. 391 and v. 577; p. 1.

Rode, Fredrich J., Chicago, Ill. (Three cases.) Disclaimer filed by the inventor; the licensee, E. W. Bliss Company, approving and consenting. Nos. 1,773,438, 1,918,784 and 1,834,111; disclaimers filed Feb. 21 and July 27, 1945; v. 572; p. 539; and v. 578; p. 1.

Satterlee, Howard A., Bryan, Ohio. Disclaimer filed by the inventor; the assignee, The Aro Equipment Corporation, joining in and approving. No. 2,327,069; disclaimer filed Sept. 26, 1945; v. 579; p. 699.

Schorn, Carl F., Detroit, Mich. Disclaimer filed by the inventor; the assignors, George M. Holley and Earl Holley, consenting. No. 2,324,599; disclaimer filed Sept. 7, 1945; v. 579; p. 152.

Schott, John F., Mishawaka, Ind. Disclaimer filed by the assignee, Mishawaka Rubber and Woolen Manufacturing Company. No. 2,327,001; disclaimer filed Dec. 7, 1944; v. 570; p. 1.

Schuh, Arthur E., Riverton, N. J. Disclaimer filed by the assignee, Bell Telephone Laboratories, Incorporated. No. 2,280,981; disclaimer filed Oct. 30, 1945; v. 581; p. 165.

Shack, Irving, Brooklyn, N. Y., and Edwin A. Wilson, Rutherford, N. J. Disclaimer filed by the assignee, Interchemical Corporation. No. 2,342,429; disclaimer filed May 26, 1945; v. 576; p. 10.

Shaw, Burton E., Bristol, Ind. Disclaimer filed by the inventor; the assignee, Penn Electric Switch Co., consenting. No. 2,308,313; disclaimer filed May 14, 1945; v. 575; p. 561.

Simpson, Waldo P., Lansdowne, and Clyde E. Stewart, Upper Darby, Pa. Disclaimer filed by the assignee, General Electric Company. No. 2,325,432; disclaimer filed Nov. 14, 1945; v. 581; p. 515.

Smith, Arthur L., Torrance, Calif. Disclaimer filed by the assignee, Lane-Wells Company. No. 2,292,670; disclaimer filed Apr. 17, 1945; v. 574; p. 783.

Smith, Horace S., and Nolan E. Dickason, Kinsman, Ohio. Disclaimer filed by the assignee, L. W. Vizay Corporation. No. 2,307,427; disclaimer filed Feb. 16, 1945; v. 572; p. 539.

Spanel, Abraham N., New York, N. Y. Disclaimer filed by the inventor. No. 2,324,735; disclaimer filed Feb. 10, 1945; v. 572; p. 185.

Stone, Malcolm B., Milton, and William P. Williamson, Ludlow, Mass. Disclaimer filed by the assignee, Ludlow Manufacturing & Sales Co. No. 1,893,809; disclaimer filed Dec. 27, 1944; v. 570; p. 515.

Tack, Carl E., Chicago, Ill. Disclaimer filed by the assignee, American Steel Foundries. No. 2,355,120; disclaimer filed Oct. 17, 1945; v. 580; p. 153.

Tetziaff, Benjamin A., Riverside, Ill. Disclaimer filed by the inventor. No. 2,278,337; disclaimer filed Dec. 14, 1944; v. 570; p. 345.

Tolman, Samuel L., Columbus, Ohio. Disclaimer filed by the assignee, The Jeffrey Manufacturing Company. No. 2,349,390; disclaimer filed July 2, 1945; v. 576; p. 374.

Traylor, Waldorf S., Newport, Del. Disclaimer filed by the assignee, Hercules Powder Company. No. 2,273,425; disclaimer filed Apr. 11, 1945; v. 574; p. 185.

Vickery, Norman P., Brockton, Mass. (Two cases.) Disclaimer filed by the assignee, The American Fork & Hoe Company. Nos. 2,250,429 and 2,250,441; disclaimers filed May 18, 1945; v. 576; p. 10.

Voss, John H., Downers Grove, Ill. Disclaimer filed by the assignee, Automatic Electric Laboratories, Inc.; the inventor consenting and joining in. Re. No. 22,413; disclaimer filed June 22, 1945; v. 576; p. 374.

Westenberg, Joseph E., Chicago, Ill. Disclaimer filed by the assignee, Universal Oil Products Company. No. 2,338,272; disclaimer filed Apr. 5, 1945; v. 574; p. 1.

Weygand, Friedrich, Heidelberg, Germany. Disclaimer filed by the assignee, Winthrop Chemical Company, Inc. No. 2,354,846; disclaimer filed May 5, 1945; v. 575; p. 208.

Wheeler, Evan R., and Ray Hoover, Plainfield, N. J., and Robert F. Dirkes, Jamaica, N. Y. Disclaimer filed by the assignee, The Western Union Telegraph Company. No. 2,193,810; disclaimer filed May 22, 1945; v. 576; p. 9.

Winter, Charles L., Chicago, Ill. Disclaimer filed by the assignee, United Autographic Register Co. No. 2,265,466; disclaimer filed Apr. 9, 1945; v. 574; p. 185.

LIST OF PLANT INVENTIONS

Apple tree. A. F. Etter. 659; Aug. 28.
Avocado tree. M. M. Graham. 662; Nov. 27.
Cherimoya tree. W. H. Ott. 656; Mar. 27.
Chrysanthemum plant. E. Prusbek. 660; Oct. 9.
Crab apple tree. A. F. Etter. 658; June 5.
Gardenia plant. T. Yoshioka. 654; Mar. 13.
Gladiolus plant. E. A. Briggs. 650; Feb. 20.
Orange tree. H. E. Cornell. 657; Apr. 17.
Peach tree. J. D. Davis. 651; Feb. 27.
Peach tree. W. E. Lammerts. 661; Nov. 20.
Red raspberry plant. B. D. Drain. 653; Mar. 6.
Rose plant. W. Armacost. 649; Feb. 6.
Rose plant. C. G. Duehrsen. Pl. Pt. 664; Dec. 25.
Rose plant. F. H. Howard. 663; Dec. 11.
Rose plant. F. H. Howard. Pl. Pt. 665; Dec. 25.
Rose plant. T. J. Morris. 652; Mar. 6.
Sugar cane, Variety of. B. A. Bourne. 655; Mar. 20.

LIST OF INVENTIONS

Abietates and manufacture, Organic phosphorous. E. F. Engelke. 2,377,870; June 12.
Abnormal motor condition indicator. P. H. Morse. 2,377,569; June 5.
Abrading and polishing device. W. Krieger. 2,370,864; Mar. 6.
Abrading apparatus. W. L. Keefer. 2,368,664; Feb. 6.
Abrading apparatus. P. J. Potter. 2,385,728; Sept. 25.
Abrading apparatus. W. A. Rosenberger. 2,369,408; Feb. 13.
Abrading apparatus. L. E. Thompson. 2,383,829; Aug. 28.
Abrading machine. G. A. Bourgeois. 2,368,108; Jan. 30.
Abrading machine, Automatic. G. A. Carlson. 2,377,991; June 12.
Abrading machine knee. L. E. Thompson. 2,375,149; May 1.
Abrading machine work support. L. E. Thompson. 2,367,156; Jan. 9.
Abrading or buffing pad. G. D. Rice. 2,370,491; Feb. 27.
Abrading wheel. G. W. Rochwald. 2,387,296–8; Oct. 23.
Abrading wheel dressing means. A. G. Christel and K. Fuchs. 2,376,959; May 29.
Abrasion resistance testing apparatus for insulated wire. H. K. Graves. 2,373,115; Apr. 10.
Abrasive article. G. F. Keeleric. 2,367,286; Jan. 16.
Abrasive article. G. F. Keeleric. 2,370,970; Mar. 6.
Abrasive article and manufacturing the same. P. H. Rhodes. 2,385,371; Sept. 25.
Abrasive article, Making an. A. G. Scutt. 2,379,544; July 3.
Abrasive article mounted on a backing plate, Reinforced. W. M. Wheildon, Jr. 2,378,271; June 12.
Abrasive articles. C. E. Drake. 2,381,266–7; Aug. 7.
Abrasive articles. R. I. Dunlap and R. J. Schatz. 2,389,491; Nov. 20.
Abrasive articles. H. C. Martin and F. A. Upper. 2,371,700; Mar. 20.
Abrasive articles and manufacturing the same. N. P. Roble and O. L. Mahlman. 2,369,689; Feb. 20.
Abrasive articles, Making. R. A. Baumgartner. 2,378,386; June 19.
Abrasive articles, Making. G. F. Keeleric. 2,368,473; Jan. 30.
Abrasive articles, Making. F. A. Upper. 2,375,263; May 8.
Abrasive articles, Manufacture of. D. B. Sharpe. 2,383,519; Aug. 28.
Abrasive belt, band, and the like, Spliced. T. J. Miller and R. G. Riedesel. 2,391,731; Dec. 25.
Abrasive block. G. Bafin. 2,371,374; Mar. 13.
Abrasive bodies, Composition for treating. J. P. Buckey. 2,367,995; Jan. 23.
Abrasive bonding alloy. H. Kott. 2,367,407; Jan. 16.
Abrasive, Coated. N. E. Oglesby. 2,375,814; May 15.
Abrasive composition and forming same. H. Kott. 2,367,405; Jan. 16.
Abrasive composition of matter and forming same. H. Kott. 2,367,404; Jan. 16.
Abrasive compositions. R. S. Daniels and A. J. Mostello. 2,385,776; Oct. 2.
Abrasive compositions and forming same. H. Kott and M. Yawitz. 2,367,358; Jan. 16.
Abrasive machine. D. Pronovost. 2,380,789; July 31.
Abrasive material. H. F. Fruth. 2,378,399; June 19.
Abrasive material, Aluminous. H. N. Baumann, Jr., and C. E. Wooddell. 2,383,035; Aug. 21.
Abrasive material, Making. F. R. Perry. 2,383,988; Sept. 4.
Abrasive materials, Method and apparatus for manufacturing. E. Hurst. 2,369,462; Feb. 13.
Abrasive products and manufacture. R. L. Smith. 2,389,462; Nov. 20.
Abrasive stick holder. P. Matton. 2,377,953; June 12.
Abrasive tool. R. Ellis. 2,379,569; July 3.
Abrasive tool. L. Nussbaum. 2,391,589; Dec. 25.
Abrasive tube drill. H. V. Allison. 2,368,397; Jan. 30.
Abrasives, Making coated. N. E. Oglesby. 2,375,813; May 15.
Abrasives, Manufacture of. R. P. Carlton. 2,370,636; Mar. 6.
Abrasives, Manufacture of. R. P. Carlton. 2,376,342–3; May 22.
Abrasives, Producing. A. F. Turner. 2,371,786; Mar. 20.
Absorbent holder. P. N. Condit. 2,382,385; Aug. 14.
Absorbent materials, Production of. C. I. Haney and M. E. Martin. 2,372,669; Apr. 3.
Absorption bases. K. R. Brown. 2,372,807; Apr. 3.
Accelerating device. M. J. Kittler and R. L. Ensinger. 2,387,271; Oct. 23.
Accelerating mechanism, Web. I. Tornberg. 2,385,659; Sept. 25.
Accelerator, Blood clotting. I. A. Parfentjev. 2,369,111; Feb. 6.
Accelerator for vulcanization of rubber. G. E. P. Smith, Jr. 2,367,827; Jan. 23.
Accelerator, Rubber. A. R. Davis. 2,387,834; Oct. 30.
Accelerator, Vulcanization. E. L. Carr. 2,381,384; Aug. 7.
Accelerator, Vulcanization. G. E. P. Smith, Jr., and E. L. Carr. 2,381,392; Aug. 7.
Accelerators. G. W. Watt. 2,382,524; Aug. 14.
Accelerators of vulcanizations. A. F. Hardman. 2,385,275; Sept. 18.
Accelerators, Rubber vulcanization. R. T. Dean. 2,385,335; Sept. 25.
Accelerators, Vulcanization. R. T. Armstrong. 2,382,769; Aug. 14.
Accelerators, Vulcanization. R. S. Hanslick. 2,386,457; Oct. 9.
Accelerometer. W. W. Bentley, Jr. 2,386,777; Oct. 16.
Accelerometer. R. B. Cottrell. 2,377,212; May 29.
Accessory device, Gun feed. J. C. Trotter and J. L. Jewett. 2,377,828; June 5.
Accessory fixture, Electric outlet. A. Fleckenstein. 2,385,620; Sept. 25.
Accessory, Floral. C. H. Walker. 2,390,858; Dec. 11.
Accommodations in vehicles, Passenger. T. de Roode. 2,382,402; Aug. 14.
Accordion, Piano. F. Kostka. 2,385,286; Sept. 18.
Accounting and filing system. H. Weston. 2,374,965; May 1.
Accounting and filing system. H. Weston. 2,385,593; Sept. 25.
Accounting and statistical system. R. Bruce. 2,366,998; Jan. 9.
Accounting device, Mobile. A. K. Watson, W. L. Lewis, and J. L. Walsh. 2,390,479; Dec. 4.
Accounting machine. A. R. Colley. 2,390,870; Dec. 11.
Accounting machine. G. F. Daly. 2,377,762; June 5.
Accounting machine. W. S. Gubelmann. 2,376,481; May 22.
Accounting machine. A. G. Kibler. 2,371,525; Mar. 13.
Accounting machine. W. J. Kreider. 2,381,546; Aug. 7.
Accounting machine. H. Rauh. 2,371,914; Mar. 20.
Accounting machine. W. H. Robertson and W. E. Eickman. 2,369,252; Feb. 13.
Accounting machine. G. P. Smith and F. C. Gressel. 2,387,861; Oct. 30.
Accounting machine. P. Spurlino, E. H. Placke, W. E. Eickman, and A. G. Kramer. 2,373,510; Apr. 10.
Accounting machine. P. Spurlino, W. M. Carroll, A. R. Colley, and A. G. Kibler. 2,375,594; May 8.
Accounting machine. P. Spurlino and K. Rauch. 2,390,396; Dec. 4.
Accounting machine. J. N. Wheeler. 2,388,354; Nov. 6.
Accounting machine, Record controlled. S. Brand and J. M. Cunningham. 2,375,275; May 8.
Accounting machine, Record controlled. T. E. Torkelson. 2,375,332; May 8.
Accounting machine, Typewriting. E. Mez, F. Pott, and W. Heinze. 2,390,163; Dec. 4.
Accounting means. A. H. Dickinson. 2,377,764; June 5.
Accumulator. W. A. Lippincott. 2,371,632–3; Mar. 20.
Accumulator. W. A. Lippincott. 2,389,791–2; Nov. 27.
Accumulator. W. C. Trautman. 2,378,517; June 19.
Accumulator. J. W. White. Re. 22,653; June 26.
Accumulator, Electric. P. W. Taylor. 2,384,978; Sept. 18.
Accumulator plate, Dry charged. M. F. Chubb and P. F. Ebert. 2,389,894; Nov. 27.
Accumulator, Stacker. H. S. Lapomparde. 2,391,170; Dec. 18.
Acenaphthylene, Production of. R. G. Flowers. 2,390,363; Dec. 4.
Acetal composition, Plasticized polyvinyl. E. R. Derby. 2,371,957; Mar. 20.
Acetal, Plasticized polyvinyl. LaV. E. Cheyney. 2,380,925; Aug. 7.
Acetals and making same, Polymeric. J. Dahle. 2,387,833; Oct. 30.
Acetals, Modified. W. F. Gresham. 2,382,874; Aug. 14.
Acetals of unsaturated aldehydes, Cyclic. M. Senkus. 2,383,622; Aug. 28.
Acetaldehyde and ethylene to butadiene, Conversion of a mixture of. H. Miller. 2,377,025; May 29.
Acetaldehyde from ethyl alcohol by partial oxidation, Production of. F. R. Balcar. 2,384,066; Sept. 4.
Acetaldol by distillation, Purification of. K. H. W. Tuerck and H. J. Lichtenstein. 2,368,904; Feb. 6.
Acetate and synthetic resins made therefrom, Vinyl trimethyl. W. R. Cornthwaite and N. D. Scott. 2,381,338; Aug. 7.
Acetate composition, Cellulose. F. E. Piech. 2,379,036; June 26.
Acetate, Producing dextran. W. A. Waldie and J. E. Bernuder. 2,386,994; Oct. 16.
Acetic acid in purified form, Recovery of. R. R. Harrison. 2,384,374; Sept. 4.
Acetic acid, Manufacture of. H. P. Staudinger, K. H. W. Tuerck, and E. H. Brittain. 2,379,760; July 3.
Acetone and butyl alcohol by fermentation, Production of. C. Weizmann. 2,377,197; May 29.

Acetone, Dehydration of. R. N. Shiras and D. B. Luckenbill. 2,373,269; Apr. 10.
Acetophenone. W. S. Emerson. 2,372,662; Mar. 27.
Acetophenone, Preparation of. W. S. Emerson. 2,382,867; Aug. 14.
Acetylating 2,3-butylene glycol with the impure acetic acid obtained from the pyrolytic decomposition of 2,3-butylene glycol diacetate to butadiene. S. A. Morell. 2,372,221; Mar. 27.
Acetylation process and product. J. D. Murray. 2,374,378; May 22.
Acetylene by a cryogenic method, Absorption and recovery of. W. H. Hamill and R. R. Vogt. 2,383,547; Aug. 28.
Acetylene from gaseous mixtures, Separation of. E. M. Isham. 2,383,551; Aug. 28.
Acetylene from gases, Removal of. C. E. Welling and H. J. Hepp. 2,379,670; July 3.
Acetylene from hydrocarbon mixtures, Removal of. W. L. Wood and B. E. V. Bowen. 2,381,707; Aug. 7.
Acetylene generator. C. H. Baker and M. L. Olson. 2,370,630; Mar. 6.
Acetylene generator. J. La Force. 2,385,087; Sept. 18.
Acetylene generator. K. S. J. Nordholm. 2,387,462; Oct. 23.
Acetylene of aromatic hydrocarbons and of saturated and unsaturated hydrocarbons, Production from. C. J. Coubard. 2,377,759; June 5.
Acetylene, Producing. J. C. Krejci. 2,377,245; May 29.
Acetylene, Production of condensation products of. H. P. Staudinger and K. H. W. Tuerck. 2,381,701; Aug. 7.
Acetylenes from hydrocarbon mixtures, Separation of. E. F. Pasce. 2,384,902; Sept. 18.
Acetylenes from light hydrocarbons, Separating. I. D. Hall. 2,388,913; Nov. 13.
Acetylenic alcohols, Preparation of. E. F. Smith. 2,385,547-8; Sept. 25.
Acetylsulphanilyl chloride. M. E. Hultquist. 2,383,128; Aug. 21.
Acid-activated montmorillonite clay, Extruding. L. V. Hoon. 2,391,050; Dec. 18.
Acid and preparing the same, Boro-phosphoric. L. H. Englund. 2,375,638; May 8.
Acid anhydride, Preparing a cyclic dicarboxyl. A. M. Clifford and C. E. Gleim. 2,391,226; Dec. 18.
Acid anhydrides, Manufacture of organic. D. C. Hull and C. A. Marshall. 2,367,501; Jan. 16.
Acid chlorides, Preparation of. J. R. Long. 2,388,657; Nov. 6.
Acid compounds and obtaining the same, Steroidal. R. E. Marker and E. L. Wittle. 2,376,708; May 22.
Acid compounds for safer therapeutic use, Salicylic. K. P. Link. 2,385,365; Sept. 25.
Acid compounds in storage battery plates, Lignin sulphonic. J. A. Orsino and C. Harmon. 2,371,137; Mar. 13.
Acid, Concentration of aqueous acetic. H. P. Staudinger, K. H. W. Tuerck, and E. H. Brittain. 2,382,181; Aug. 14.
Acid derivatives and salts thereof, and producing the same, Disubstituted thiobarbituric. L. A. Walter and L. H. Goodson. 2,368,336; Jan. 30.
Acid derivatives and salts thereof, and producing the same, Substituted barbituric. L. A. Walter and L. H. Goodson. 2,368,335; Jan. 30.
Acid derivatives and their manufacture, Sulphanilyl carbamic. H. Martin, R. Hirt, and A. Staub. 2,371,178; Mar. 13.
Acid derivatives and their salts, Thiobarbituric. L. A. Walter. 2,388,024; Oct. 30.
Acid derivatives, Manufacture of amino-alkylidene succinic. F. Bergel and A. Cohen. 2,384,068; Sept. 4.
Acid derivatives of lower alkyl ethers of vitamin B_6 and preparing the same, Dicarboxylic. J. C. Keresztesy and J. E. Stevens. 2,390,593; Dec. 11.
Acid ester of n-methylpiperidinol-4, Mandelic. C. J. Klemme and R. Baltzly. 2,370,114; Feb. 20.
Acid esters and obtaining the same, Aryl carboxylic. F. F. Blicke. 2,376,860; May 29.
Acid esters, Complex dithiophosphoric. E. W. Cook, and W. D. Thomas, Jr.. 2,373,811; Apr. 17.
Acid esters of alkylated 1,4-naphtho-hydroquinones and manufacture of same, W. Karrer. 2,383,392; Aug. 21.
Acid esters, Purifying phosphoric. H. Beeg and R. Schmidt. 2,373,807. Apr. 17.
Acid esters, Unsaturated carbamic. A. G. Chenicek. 2,384,074; Sept. 4.
Acid formation, Pantothenic. A. S. Schultz, L. Atkin, and C. N. Frey. 2,377,044; May 29.
Acid, Manufacture of chlorosulphonic. R. B. Mooney and G. F. Wentworth. 2,377,642; June 5.
Acid, Manufacture of levulinic. W. G. Meyer. 2,382,572; Aug. 14.
Acid, Manufacture of nicotinic. J. Lee and S. D. Heineman. 2,389,065; Nov. 13.
Acid, Manufacture of pantothenic. J. Lee and S. D. Heineman. 2,371,245; Mar. 13.
Acid, Manufacture of succinic. E. B. Punnett. 2,370,579; Feb. 27.
Acid, Manufacture of sulphamic. D. P. Hill and G. A. Pearce. 2,390,648; Dec. 11.
Acid, Nucleic. L. Laufer. 2,379,912; July 10.
Acid, Preparation of nucleic. S. Redfern. 2,387,040; Oct. 16.
Acid, Preparation of quinolinic. A. T. Hawkinson and A. A. Elston. 2,371,691; Mar. 20.
Acid, Process and apparatus for the concentration of sulphuric. M. J. Kaloua and N. E. Rambush. 2,369,573; Feb. 13.
Acid process, Hydrofluoric. M. P. Matussak. 2,379,022; June 26.
Acid, Production of diacetone keto gulonic. J. Weijlard and J. B. Ziegler, Jr. 2,367,251; Jan. 16.
Acid, Production of diamino succinic. W. Wenner. 2,389,099; Nov. 13.
Acid, Production of hydrocyanic. H. D. Green. 2,387,577; Oct. 23.
Acid, Production of malonic. E. C. Britton and E. Monroe. 2,373,011; Apr. 3.
Acid, Production of tropic. M. Sletzinger and G. C. Paulsen, Jr. 2,390,278; Dec. 4.
Acid, Purification of hydrofluoric. R. C. Cole. 2,376,328; May 22.
Acid, Purifying tungstic. T. E. Foulke and H. M. Holtan. 2,366,250; Jan. 2.
Acid, Recovery of hydrofluoric. M. P. Matussak. 2,371,341; Mar. 13.
Acid recovery process. H. O. Mottern. 2,379,823; July 3.
Acid recovery process. H. O. Mottern. 2,390,316; Dec. 4.
Acid recovery process. W. Voogd, F. E. Caddy, and C. H. Duffy. 2,373,359; Apr. 10.
Acid, Salts of ω-cyanoguanidodithiocarbonic. J. T. Thurston and D. W. Kaiser. 2,368,903; Feb. 6.
Acid substituted amino compounds. Forming fatty. F. C. Bersworth. 2,374,915; May 1.
Acid, Synthesis of pantothenic. D. W. Woolley. 2,372,041; Mar. 20.
Acid-tar. Treatment of. F. Wethly. 2,370,277; Feb. 27.
Acid, Tetrahydro trihydroxy-abietic. A. Winterstein. 2,370,900; Mar. 6.
Acid treating. E. W. McNealy. 2,372,441; Mar. 27.
Acid-treating a thermally cracked petroleum distillate. W. J. Ryan and M. T. Kendall. 2,388,087; Oct. 30.
Acid treating wells. J. J. Heigl. 2,367,350; Jan. 16.
Acid treating wells. V. Voorhees. 2,366,373; Jan. 2.
Acid triphosphates as builders for alkyl sulphates and other soapless detergents. O. T. Quimby. 2,383,502; Aug. 28.
Acidic bodies from hydrocarbon oils, Removing weakly. G. W. Ayers, Jr., and L. M. Henderson. 2,373,004; Apr. 3.
Acidic gases from fluids, Separation of. A. J. Johnson. 2,368,595; Jan. 30.
Acidic minerals, Beneficiation of. D. W. Jayne, Jr., H. M. Day, and E. W. Gleeske. 2,380,698; July 31.
Acidic minerals, Flotation of. H. L. Mead and E. J. Maust. 2,369,311; Feb. 13.
Acids, Aliphatic dibasic. C. F. H. Allen and J. A. Van Allan. 2,388,813; Nov. 13.
Acids, Alkylated phenolic glycolic. J. B. Niederl. 2,370,256; Feb. 27.
Acids, Amides of high molecular weight carboxylic. T. F. Bradley. 2,379,413; July 3.
Acids and preparing same, Alkylidene bis-salicylic. J. B. Niederl. 2,374,949; May 1.
Acids, and preparing same. Derivatives of fatty. J. R. Long. 2,391,251; Dec. 18.
Acids and salts thereof, Substituted barbituric. L. A. Walter and L. H. Goodson. 2,368,338; Jan. 30.
Acids and salts thereof, Substituted thiobarbituric. L. A. Walter and L. H. Goodson. 2,368,337; Jan. 30.
Acids, and the like from glyceride oils, Extraction of phosphatides, free fatty. S. E. Freeman. 2,390,528; Dec. 11.
Acids, and their production, Fully acetylated sugar. R. T. Major and E. W. Cook. 2,368,557; Jan. 30.
Acids and their salts, Preparation of amino carboxylic. G. O. Curme, Jr., H. C. Chitwood, and J. W. Clark. 2,384,816; Sept. 18.
Acids, Anhydrous halogen. E. Gorin. 2,382,788; Aug. 14.
Acids, Carboxy substituted pimelic. H. A. Bruson. 2,390,024; Nov. 27.
Acids, Chlorinated phenylene diacetic. O. W. Cass. 2,370,394; Feb. 27.
Acids, Derivatives of benzyl sulphonic. G. Dougherty and R. H. Barth. 2,373,298; Apr. 10.
Acids, Derivatives of tertiary amino aliphatic. O. Dalmer, C. Diehl, and H. Pieper. 2,370,015; Feb. 20.
Acids, Fluoroacetic. A. L. Henne. 2,371,757; Mar. 20.
Acids from a reaction mixture resulting from sulphuric acid treatment of aromatic oils, Recovery of sulphonic. A. G. Susie. 2,373,793; Apr. 17.
Acids from butyrolactone, Production of succinic and maleic. R. M. Isham. 2,385,518; Sept. 25.
Acids, High molecular weight dicarboxylic. E. C. Kirkpatrick. 2,372,090; Mar. 20.
Acids, Making furfuryl and fatty. R. M. Boehm. 2,369,655; Feb. 20.
Acids, Manufacture of alkanoic. L. Schmerling. 2,370,494; Feb. 27.
Acids, Manufacture of hydroxylamine, hydrochloride and carboxylic. P. F. Tryon. 2,381,410; Aug. 7.
Acids of cyclopentanopolyhydrophenanthrene series and process for producing the same, Carboxylic. H. Dannenbaum. 2,368,204; Jan. 30.
Acids of the 5-oxo imidasoline series, Sulphonic. O. Huppert. 2,384,837; Sept. 18.

Acids, Preparation of. E. P. Bartlett. 2,391,219; Dec. 18.
Acids, Preparations of carboxylic. M. W. Farlow and G. M. Whitman. 2,390,576; Dec. 11.
Acids, Preparing pyridine carboxylic. J. Weijlard, J. P. Messerly, and M. Tishler. 2,381,794; Aug. 7.
Acids, Production of chlorinated carboxylic. F. C. Schubart. 2,389,088; Nov. 13.
Acids, Production of di-carboxylic. J. G. M. Bremner, R. H. Stanley, D. G. Jones, and A. W. C. Taylor. 2,389,950; Nov. 27.
Acids, Production of solidifying thickened and solid masses from esters of unsaturated fatty. P. Stamberger. 2,391,042; Dec. 18.
Acids, Production of trichloro. R. E. Plump. 2,370,577; Feb. 27.
Acids, Production of unsaturated carboxylic. A. B. Boese, Jr. 2,382,464; Aug. 14.
Acids, Separation and purification of green or water-soluble sulphonic. O. H. P. Dawson. 2,368,452; Jan. 30.
Acids, Separation of hydroxy carboxylic. G. Braun and O. N. Breivik. 2,382,288; Aug. 14.
Acids, Substituted naphthenyl hydroxy methane phosphonic. J. B. Dickey and J. G. McNally. 2,376,130; May 15.
Acids, Treatment of aliphatic sulphonic. H. O. Mottern. 2,368,484; Jan. 30.
Acids, Unsaturated carboxylic. J. R. Long. 2,376,067; May 15.
Acids, Utilization of wood. E. Färber. 2,367,462; Jan. 16.
Acoustic alarm device. S. A. Bjergel. 2,371,949; Mar. 20.
Acoustic devices, Noise shield for. E. L. Alford and M. L. Martin. 2,390,488; Dec. 11.
Acoustic measurement and apparatus therefor. L. G. Abraham and D. Mitchell. 2,370,385; Feb. 27.
Acoustical structure. J. Maser. 2,390,262; Dec. 4.
Acoustical tile. A. F. Trippensee. 2,370,379; Feb. 27.
Acrylic esters and other unsaturated compounds by thermal decomposition, Manufacturing. W. P. Ratchford and C. H. Fisher. 2,378,501; June 19.
Acrylic resins, Treating. R. D. Leary and B. M. Marks. 2,369,057; Feb. 6.
Acrylonitrile from ethylene cyanohydrin, Manufacture of. L. U. Spence. 2,374,051; Apr. 17.
Acrylonitrile, Preparation of. Le R. U. Spence, D. J. Butterbaugh, and E. H. Kroeker. 2,385,551; Sept. 25.
Acrylonitrile, Producing. L. U. Spence and J. C. Mitchell. 2,374,052; Apr. 17.
Acrylonitrile, Production of. H. A. Dutcher. 2,370,849; Mar. 6.
Acrylonitrile, Production of. D. J. Salley. 2,385,469; Sept. 25.
Acrylonitrile, Production of. D. J. Salley, C. W. Bradley, and H. S. Davis. 2,385,470; Sept. 25.
Acrylonitrile, Production of. Le R. U. Spence. 2,385,549; Sept. 25.
Acrylonitrile, Purification of. E. L. Carpenter. 2,382,383; Aug. 14.
Acrylonitriles, Manufacture of. J. H. Brant and R. L. Hasche. 2,386,586; Oct. 9.
Actinomycin. S. A. Waksman and H. B. Woodruff. 2,378,876; June 19.
Actinomycin A and manufacture of its diacetates, Extraction of. M. Tishler. 2,378,449; June 19.
Activated carbon and producing the same. R. Adler. 2,377,063; May 29.
Activator for wells. C. C. Carter. 2,386,593; Oct. 9.
Actuating and locking mechanism, Closure. C. E. Arthur. 2,378,119; June 12.
Actuating mechanism. Q. Berg. 2,377,859; June 12.
Actuating mechanism. B. J. Schill and H. R. Traphagen. 2,378,330; June 12.
Actuating mechanism for aircraft components. R. P. Davie, Jr. 2,373,385; Apr. 10.
Actuating mechanism for calculating machines. R. E. Boyden. 2,366,431; Jan. 2.
Actuating mechanism for gauges and the like. F. C. Buechmann. 2,377,755; June 5.
Actuating mechanism for pressing machines. E. Davis. 2,367,102; Jan. 9.
Actuating mechanism, Slot closure. A. C. Patch. 2,371,976; Mar. 20.
Actuating mechanism, Valve. L. R. Spencer. 2,385,309; Sept. 18.
Actuating system for machine tools. E. E. Hallberg and C. F. Vinci. 2,377,627; June 5.
Actuator. Z. C. Bradford. 2,387,713; Oct. 30.
Actuator. R. W. Leland and C. J. Werner. 2,367,800; Oct. 30.
Actuator, Bimetallic. J. Strong. 2,382,182; Aug. 14.
Actuator, Electromagnetic. G. G. Naud. 2,379,029; June 26.
Actuator for accumulator mechanism. H. H. Keen. 2,372,900; Apr. 3.
Actuator, Motorcycle brake. T. Helme. 2,387,020; Oct. 16.
Actuator mounting. W. P. Lear. 2,367,033; Jan. 9.
Actuator, Power. E. D. Lilja. 2,386,402; Oct. 9.
Actuator, Switch. E. W. Tredeau. 2,389,220; Nov. 20.
Actuator system, Multiple. W. P. Lear. 2,366,734; Jan. 9.
Actuator, Variable arc rotary. C. W. Warren. 2,382,925; Aug. 14.
Acyl peroxides, Manufacture of. K. H. W. Tuerck. 2,379,390; June 26.
Acyl phenyl dithiophosphoric acids and their preparation. E. W. Cook and W. D. Thomas, Jr. 2,372,358; Mar. 27.
Acyl quinone sulphonamides as printing aids. R. H. Kienle and C. A. Amick. 2,383,393; Aug. 21.
Acylamines of the anthraquinone series and their manufacture. A. Peter. 2,374,891; May 1.
Acylamino phenol couplers. P. W. Vittum and W. D. Peterson. 2,369,929; Feb. 20.
Acylaminophenol photographic couplers. I. F. Salminen, P. W. Vittum, and A. Weissberger. 2,367,531; Jan. 16.
Acylated derivatives of polyamino ether alcohols and making same, Certain ester-linked. M. De Groote and B. Keiser. 2,381,118; Aug. 7.
Adapter and insulator construction for interior illumination. S. C. Miller. 2,375,807; May 15.
Adapter and supporting device for cameras, Multiple purpose. N. J. Creedon. 2,375,214; May 8.
Adapter for boring bars, Milling and drilling. E. H. Bruseth. 2,374,919; May 1.
Adapter for lamp holders. J. F. Beal. 2,372,051; Mar. 20.
Adapter for sand blast machines, Regulating and reducing. E. C. Bick. 2,388,818; Nov. 13.
Adapter, Projectile. G. H. Jakobsson. 2,382,152; Aug. 14.
Adding and subtracting mechanism. S. Brand. 2,386,425; Oct. 9.
Adding and subtracting mechanism. H. H. Keen and T. O. Wright. 2,390,441; Dec. 4.
Addition agent for treating molten iron and steel. W. Crafts. 2,377,403; June 5.
Adhering rubbery material to smooth surfaces. D. V. Sarbach. 2,389,641; Nov. 27.
Adhesive. J. G. Little. 2,382,731; Aug. 14.
Adhesive applying machine. H. W. Martin. 2,376,069; May 15.
Adhesive and making the same. S. G. Saunders and H. Morrison. 2,376,510; May 22.
Adhesive and method of making same, Rubber to metal. R. M. Vance and C. A. Damicone. 2,379,939; July 10.
Adhesive applying system. T. A. Federwitz and H. Grotewold. 2,384,021; Sept. 4.
Adhesive, Asphalt modified. R. H. Treadway. 2,366,943; Jan. 9.
Adhesive cement products and making same. K. Findley, A. C. Krueger, R. H. Hecker, and J. Matteson. 2,381,946; Aug. 14.
Adhesive coating to cord fabric, Method and apparatus for applying an. I. J. Remark and V. V. Wheeler. 2,389,459; Nov. 20.
Adhesive composition. M. C. Moore. 2,368,767; Feb. 6.
Adhesive composition. J. F. Zemaitis. 2,375,163; May 1.
Adhesive composition, Amylaceous. H. F. Bauer. 2,378,378; June 19.
Adhesive composition and adhering waxed surfaces. J. R. Purdon. 2,373,597; Apr. 10.
Adhesive compositions. C. F. Brown and G. E. Huise, Jr. 2,371,870; Mar. 20.
Adhesive compositions. J. Lloyd. 2,386,696; Oct. 9.
Adhesive compositions. J. Teppema and J. F. Manning. 2,379,552; July 3.
Adhesive compositions, Manufacture of. K. C. Roberts. 2,383,569; Aug. 28.
Adhesive material. L. Bradshaw and C. L. Stachel. 2,391,387; Dec. 25.
Adhesive material. E. Pragoff, Jr. 2,377,647; June 5.
Adhesive, Pressure sensitive rubber. F. J. Soday. 2,366,219; Jan. 2.
Adhesive, Silicate base. C. A. Vana. 2,387,367; Oct. 23.
Adhesive starch composition and making same. J. E. Fenn. 2,372,666; Apr. 3.
Adhesive tape dispensing device. P. S. Madsen. 2,391,062; Dec. 18.
Adhesive tape, Pressure-sensitive. C. L. Wagner. 2,373,634; Apr. 10.
Adhesive tapes, Manufacture of. F. J. Tone, O. L. Mahlman, and F. Brown. 2,389,469; Nov. 20.
Adhesive testing device. C. K. Chatten. 2,390,510; Dec. 11.
Adhesive textile fibers, Producing potentially. R. Wallach. 2,379,264; June 26.
Adhesive transferring mechanism. J. Balton. 2,370,284; Feb. 27.
Adhesive unit. O. Lesser. 2,387,593; Oct. 23.
Adhesives. A. M. Howald. 2,380,239; July 10.
Adhesives. J. Teppema and J. F. Manning. 2,367,629; Jan. 16.
Adhesives and making same. T. R. Griffith. 2,386,213; Oct. 9.
Adhesives and their manufacture. E. W. Eweson. 2,388,910; Nov. 13.
Adiponitrile, Synthesis of. D. J. Loder. 2,377,795; June 5.
Adjustable box wrench. G. Flower. 2,376,764; May 22.
Adjustable bracket. G. F. N. Oliver. 2,391,795; Dec. 25.
Adjustable cable splicing clamp. A. J. Wickens. 2,372,754; Apr. 3.
Adjustable carrier ring. E. St. Pierre and J. Wawzonek. 2,382,750; Aug. 14.
Adjustable chair. E. Schmued. 2,369,076; Feb. 6.

Adjustable closed or sealed container. H. Carew. 2,383,290; Aug. 21.
Adjustable crutch. C. L. Invidiato. 2,366,406; Jan. 2.
Adjustable electric gate. E. W. Stents. 2,376,630; May 22.
Adjustable end hose clamp. J. Y. Morris. 2,381,551; Aug. 7.
Adjustable gauge wheel support. J. M. Bowen and C. J. Allen. 2,381,202; Aug. 7.
Adjustable hinge. C. E. Fuller. 2,373,955; Apr. 17.
Adjustable latch. L. W. Wachter. 2,370,334; Feb. 27.
Adjustable lens mount for gas masks. N. R. Schutz and J. Dubitsky. 2,388,713; Nov. 13.
Adjustable liquid fuel burner. J. E. Johansson. 2,374,290; Apr. 24.
Adjustable multiple connection. A. K. Seemann. 2,366,809; Jan. 9.
Adjustable nut lock. J. P. Johnson. 2,390,838; Dec. 11.
Adjustable optical mounting. S. Fischer. 2,373,389; Apr. 10.
Adjustable pitch propeller mechanism. T. O. Adams, Jr., and T. H. Troller. 2,390,068; Dec. 4.
Adjustable pressure relief valve. E. W. Clements. 2,366,293; Oct. 9.
Adjustable rolling mill. R. G. Le Tourneau. 2,376,544; May 22.
Adjustable seat. B. H. Shinn. 2,367,829; Jan. 23.
Adjustable spanner wrench. C. L. Meyer. 2,386,254; Oct. 9.
Adjustable standard. A. W. Dixon. 2,376,238; May 15.
Adjustable stop. W. K. Taylor. 2,381,564; Aug. 7.
Adjustable support. N. V. Hendricks. 2,388,056; Oct. 30.
Adjustable supporting tool. O. Kylin. 2,382,571; Aug. 14.
Adjustable tertiary air supply means for pot type burners. S. Perry and M. D. Huston. 2,373,910; Apr. 17.
Adjustable time delay relay. S. L. Burgwin. 2,373,998; Apr. 17.
Adjustable tool-holder. F. A. Hartung. 2,379,520; July 3.
Adjustable transformer regulator. P. W. Robinson. 2,390,265; July 10.
Adjustable wrench. L. Parnet. 2,369,072; Feb. 6.
Adjusting and control device for material working machines. G. Maurer. 2,382,801; Aug. 14.
Adjusting device. A. J. Stepanoff. 2,379,839; July 3.
Adjusting device for rolling mills. J. Misset. 2,369,598; Feb. 13.
Adjusting means, Brake shoe. C. J. Whitacre. 2,380,815; July 31.
Adjusting mechanism for rolling machines. F. A. Stuhlman and A. W. Doderer. 2,382,517; Aug. 14.
Adjusting mechanism, Range finder. J. W. Gillon. 2,391,152; Dec. 18.
Adjusting profiles. J. R. Hicks. 2,387,149; Oct. 16.
Adjustment for levers, Friction. E. F. Pain. 2,382,330; Aug. 14.
Adjuvant, Motor fuel. N. D. Williams and W. J. Backoff. 2,367,815; Jan. 23.
Admixing and dispensing method and device. C. A. Stine. 2,371,720; Mar. 20.
Adsorbent making and using same. S. W. Briggs. 2,387,714; Oct. 30.
Adsorbent, Producing granular. K. D. Ashley. 2,391,116; Dec. 18.
Adsorbents, Regenerating spent. E. S. Nicholls, H. D. Noll, and J. W. Payne. 2,387,936; Oct. 30.
Adsorption filter. E. R. Sutcliffe and W. E. Edwards. 2,379,321; June 26.
Advertising device. W. V. Sharp. 2,381,008; Aug. 7.
Advertising device. W. F. Vernon. 2,378,051; June 12.
Aerating apparatus. L. H. Logue. 2,390,111; Dec. 4.
Aeration of liquid in liquid circulating systems, Preventing the. C. C. S. Le Clair. 2,374,822; May 1.
Aeration, System of. C. F. Proudman. 2,380,465; July 31.
Aerial apparatus. E. Weissman. 2,380,278; July 10.
Aerial cannon ammunition feed assist accessory mechanism. J. C. Trotter and J. L. Jewett. 2,383,830; Aug. 28.
Aerial delivery container. F. G. Manson and J. J. Maskey. 2,366,741; Jan. 9.
Aerial, Directional. P. P. Gamet. 2,380,229; July 10.
Aerial oxidation and color stain, Preventing. A. Weissberger and P. W. Vittum. 2,384,663; Sept. 11.
Aerial system, Directional. E. Green. 2,380,519; July 31.
Aerial testing apparatus and operation. P. F. Smith. 2,376,886; May 29.
Aerodynamic body, Propelled. J. W. S. Hodgdon. 2,379,355; June 26.
Aerodynamic braking device. S. D. Robins. 2,384,640; Sept. 11.
Aerodynamic member. E. F. Zap. 2,383,102; Aug. 21.
Aeronautical take-off gear. M. L. Donnellan. 2,366,892; Jan. 9.
Aeroplane. D. Bunevich. 2,374,075; Apr. 17.
Aeroplane carrier. J. F. H. Fechtenburg. 2,381,583; Aug. 7.
Age hardenable chromium-nickel stainless steel. E. H. Wiche and R. Smith. 2,381,416; Aug. 7.
Agents, Asphalt wetting. L. A. Mikeska. 2,389,681; Nov. 27.
Agents, De-emulsifying. D. Zinner. 2,372,623; Mar. 27.
Agents for asphalts, Blending. L. A. Mikeska. 2,389,680; Nov. 27.
Agents for lubricating oils and making same. H. G. Smith and T. L. Cantrell. 2,380,878; July 31.
Agitating and dissolving apparatus. W. F. Caldwell. 2,375,729; May 8.
Agitating mechanism. C. H. Witthoff. 2,376,106; May 15.
Agitation of pickling baths. W. H. Dailey, Jr. 2,389,488; Nov. 20.
Agitator, Dispersing. F. D. Miller. 2,384,952; Sept. 18.
Agricultural device. N. Z. Hebert. 2,388,689; Nov. 13.
Agricultural device. N. Z. Hebert. 2,389,976; Nov. 27.
Agricultural implement. R. E. Averitt. 2,384,522; Sept. 11.
Agricultural implement. F. T. Blaydes. 2,379,781; July 3.
Agricultural implement. A. G. Evans. 2,368,125; Jan. 30.
Agricultural implement. E. A. Johnston. 2,379,805; July 3.
Agricultural implement. J. R. Orelind and A. G. Evans. 2,368,156; Jan. 30.
Agricultural implement. A. A. Scarlett and S. M. Young. 2,377,578; June 5.
Agricultural implement. H. P. Smith. 2,369,759; Feb. 20.
Agricultural implement. H. P. Smith and F. T. Blaydes. 2,368,168; Jan. 30.
Agricultural machine. J. E. Lyle. 2,376,547; May 22.
Agricultural machine. G. J. Pasker. 2,389,928; Nov. 27.
Agricultural machine. H. D. Woodworth. 2,370,901; Mar. 6.
Agricultural vehicle. M. S. Harris. 2,378,847; June 19.
Agricultural vehicle seat. F. V. Hendrick. 2,376,484; May 22.
Aiding in the creation of a line rendition in true perspective of an object to be depicted. E. C. Hoffman. 2,381,165; Aug. 7.
Aiming control, Automatic. W. M. Sutcliffe. 2,377,589; June 5.
Aiming stake, Field artillery. E. Hoo. 2,385,278; Sept. 18.
Air and signal line connection for retractable couplers. H. H. Wolfe. 2,378,455; June 19.
Air brake. W. A. Baldwin. 2,390,049; Dec. 4.
Air brake valve. H. J. Sherrill. 2,366,937; Jan. 9.
Airbrush. J. A. Paasche. 2,370,486; Feb. 27.
Air chuck. R. B. Waider. 2,383,094; Aug. 21.
Air circulating apparatus. J. R. Boyle. 2,380,935; Aug. 7.
Air circulating system. G. E. Lundberg. 2,376,546; May 22.
Air circulating system, Reversible. L. O. Solberg. 2,370,886; Mar. 6.
Air cleaner. W. O. Bechman. 2,383,364; Aug. 21.
Air cleaner. W. W. Lowther. 2,367,227; Jan. 16.
Air cleaner. J. E. Ludwig, Sr. 2,383,138; Aug. 21.
Air cleaner. A. Nutting. 2,373,330; Apr. 10.
Air cleaner. K. F. Russell and G. H. Hopkins. 2,384,699; Sept. 11.
Air cleaner and silencer assembly. H. G. Kamrath. 2,385,814; Oct. 2.
Air cleaner assembly, Crankcase. J. B. Sebok. 2,387,303; Oct. 23.
Air cleaner equipped filler tube. J. C. Enblom. 2,389,140; Nov. 20.
Air compressor. G. K. Newell. 2,372,335; Mar. 27.
Air compressor and apparatus operated thereby. C. Yeomans. 2,385,905; Oct. 2.
Air conditioner. N. E. MacLean. 2,366,540; Jan. 2.
Air conditioning. S. W. E. Andersson. 2,381,427; Aug. 7.
Air conditioning. F. R. Bichowsky. 2,372,309; Mar. 27.
Air conditioning. R. J. Parsons. 2,386,569; Oct. 9.
Air conditioning. B. J. Spitzka. 2,387,473; Oct. 23.
Air conditioning. H. T. Stowell. 2,389,698; Nov. 27.
Air conditioning apparatus. A. H. Eberhart. 2,386,303; Oct. 9.
Air conditioning apparatus. R. J. Elsinger. 2,388,314; Nov. 6.
Air conditioning apparatus. A. S. Feinberg. Re. 22,675; Sept. 25.
Air conditioning apparatus. L. A. Philipp. 2,382,502; Aug. 14.
Air conditioning system. R. B. P. Crawford. 2,380,386; July 31.
Air conditioning system. E. S. Kleinhans and W. W. Reaser. 2,391,838; Dec. 25.
Air conditioning system. W. L. McGrath. 2,372,839; Apr. 3.
Air conditioning systems for passenger vehicles. M. E. Hanson. 2,367,276; Jan. 16.
Air conduit. L. E. Whitaker. 2,378,272; June 12.
Air control instrument. H. S. Jones. 2,369,571; Feb. 13.
Air controlled fuel burner. R. C. Hopkins. 2,377,497; June 5.
Air-cooled engine. H. O. Hansen. 2,374,483; Apr. 24.
Air-cooled smoking pipe. F. T. Orrington. 2,373,592; Apr. 10.
Aircraft. H. L. Bowers. 2,385,493; Sept. 25.
Aircraft. L. H. Crook. 2,384,893; Sept. 18.
Aircraft. L. H. Leonard. 2,387,762; Oct. 30.
Aircraft. M. J. O. Lobelle. 2,375,423; May 8.
Aircraft. J. E. McDevitt. 2,380,535; July 31.

Aircraft. C. E. McGuire. 2,383,139; Aug. 21.
Aircraft. R. H. Prewitt. 2,380,581; July 31.
Aircraft. A. C. Purpura. 2,372,291; Mar. 27.
Aircraft. H. V. Shebat. 2,369,258; Feb. 13.
Aircraft. G. Spittler. 2,386,915; Oct. 16.
Aircraft. E. A. Stalker. 2,372,301; Mar. 27.
Aircraft. E. A. Stalker. 2,377,386; June 5.
Aircraft. E. A. Stalker. 2,377,457; June 5.
Aircraft. E. A. Stalker. 2,386,987; Oct. 16.
Aircraft. E. A. Stalker. 2,388,806; Nov. 13.
Aircraft. G. C. Sullivan. 2,367,538; Jan. 16.
Aircraft. N. A. Thompson. 2,376,834; May 22.
Aircraft. R. H. Upson. Re. 22,595; Jan. 23.
Aircraft. A. M. Young. 2,382,460; Aug. 14.
Aircraft. A. M. Young. 2,384,516; Sept. 11.
Aircraft alighting gear. R. H. Bound. 2,366,697; Jan. 9.
Aircraft, Amphibian. C. T. Ludington. 2,383,870; Aug. 28.
Aircraft and gun turret construction. J. A. Palmer and R. L. Bell. 2,367,308; Jan. 16.
Aircraft and landing railer system, Skid. J. M. Crespo. 2,370,012; Feb. 20.
Aircraft antenna. P. C. Sandretto and B. E. Montgomery. 2,368,618; Feb. 6.
Aircraft armament. M. S. Unterman. 2,371,004; Mar. 6.
Aircraft combat station. J. C. Trotter. 2,390,013; Nov. 27.
Aircraft construction. M. Berkow and C. F. Mullen. 2,367,750; Jan. 23.
Aircraft construction. J. R. Clark. 2,373,542; Apr. 10.
Aircraft construction. W. H. Schwebel. 2,380,336; July 10.
Aircraft construction. R. Simon. 2,375,951; May 15.
Aircraft control. A. Love. 2,382,016; Aug. 14.
Aircraft control. R. M. Nardone. 2,375,028; May 1.
Aircraft control. R. M. Nardone. 2,381,362; Aug. 7.
Aircraft control. W. M. O'Neil. 2,378,242; June 12.
Aircraft control apparatus. S. G. Isserstedt. 2,387,795; Oct. 30.
Aircraft control column. B. B. Harman. 2,381,217; Aug. 7.
Aircraft control means. H. J. Dobmeier and G. A. Weingartner. 2,383,779; Aug. 28.
Aircraft control mechanism. J. R. Allen. 2,375,610; May 8.
Aircraft control surface. R. J. White. 2,368,059; Jan. 23.
Aircraft control system. E. S. Pearsall, Jr., and R. Richolt. 2,389,274; Nov. 20.
Aircraft course recorder. I. Shamah. 2,369,922; Feb. 20.
Aircraft deicing system, Preventing overheating. E. D. White. 2,373,728; Apr. 17.
Aircraft engine. D. L. Jocelyn. 2,384,381; Sept. 4.
Aircraft engine control. F. Gosslau and J. Schmidt. Re. 22,661; Aug. 7.
Aircraft engine mounting. W. S. Fletcher. 2,368,533; Jan. 30.
Aircraft fuselages, Method and apparatus for assembling. W. F. Pioch and G. E. Scarlett. 2,374,894; May 1.
Aircraft gun installation. W. H. Beardslee. 2,384,430; Sept. 11.
Aircraft gun mount. H. F. Franklin. 2,381,341; Aug. 7.
Aircraft gun mounting. S. J. Palfrey. 2,385,024; Sept. 18.
Aircraft having rotative wings. J. de la Cierva. 2,380,582; July 31.
Aircraft heater control apparatus. J. H. Leslie, II. 2,388,855; Nov. 13.
Aircraft heating apparatus. S. E. Heymann. 2,381,591 Aug. 7.
Aircraft heating means. F. O. Hess. 2,387,583; Oct. 23.
Aircraft heating system. H. J. D. McCollum. 2,374,606; Apr. 24.
Aircraft heating system. H. J. De N. McCollum. 2,382,493; Aug. 14.
Aircraft ice preventer. L. S. Seaman. 2,371,269; Mar. 13.
Aircraft identifying and range estimating trainer. J. W. Jones. 2,381,757; Aug. 7.
Aircraft, Illuminated. A. J. Davis. 2,367,388; Jan. 16.
Aircraft landing apparatus. J. B. Quinn. 2,374,306; Apr. 24.
Aircraft landing gear. E. L. Martin. 2,371,699; Mar. 20.
Aircraft landing gear. C. H. Miller. 2,379,173; June 26.
Aircraft landing platform. S. D. Robins. 2,368,159; Jan. 30.
Aircraft landing system. E. H. J. Phillips. 2,371,979; Mar. 20.
Aircraft landing wheel. C. C. Stratton. 2,377,280; May 29.
Aircraft manufacture. C. E. Sorensen and R. M. Smith. 2,383,225; Aug. 21.
Aircraft, Method and apparatus for navigating. W. T. Jochum. 2,370,966; Mar. 6.
Aircraft or like hollow body with external reinforcement therefor. A. G. Dean. 2,383,935; Sept. 4.
Aircraft or the like, Direct propulsion of. E. Lagelbauer. 2,377,247; May 29.
Aircraft package delivery. R. Beddow. 2,371,670; Mar. 20.
Aircraft power plant. F. W. Caldwell and E. Martin. 2,371,872; Mar. 20.
Aircraft power plant. E. A. Stalker. 2,382,343; Aug. 14.
Aircraft power plant for high altitude flight. G. Boulet. 2,387,56; Oct. 23.
Aircraft propeller. J. R. Roche. 2,375,326; May 8.
Aircraft protective system. H. E. Baer. 2,389,754; Nov. 27.
Aircraft retractable alighting gear. G. N. Snarey. 2,390,334; Dec. 4.
Aircraft, Rotary wing. E. A. Stalker. 2,380,170; Nov. 20.
Aircraft, Rotative wing. H. S. Campbell. 2,375,465; May 8.
Aircraft, Rotative winged. R. G. Anderson. 2,370,127; Feb. 27.
Aircraft, Rotative winged. R. G. Anderson. 2,379,847; July 3.
Aircraft, Rotative winged. K. P. Synnestvedt. 2,376,523; May 22.
Aircraft, Rotor-equipped. J. de la Cierva. 2,380,580; July 31.
Aircraft structure. L. B. Harris. 2,368,298; Jan. 30.
Aircraft structure. S. Johnson. 2,375,924; May 15.
Aircraft structure. S. Johnson and E. Schenk. 2,375,925; May 15.
Aircraft structure. F. A. Leisen. 2,389,917; Nov. 27.
Aircraft structure. A. R. Parilla. 2,390,661; Dec. 11.
Aircraft structure. E. W. B. Shaw. 2,390,668; Dec. 11.
Aircraft structure. B. N. Wallis. 2,387,219; Oct. 16.
Aircraft structure. M. Watter. 2,382,950; Aug. 14.
Aircraft structure. M. Watter. 2,390,761; Dec. 11.
Aircraft structure. M. Watter. 2,391,662; Dec. 25.
Aircraft structure (wing flap mechanism). A. H. Westberg. 2,373,365; Apr. 10.
Aircraft structures, Making. M. Watter. 2,386,018; Oct. 2.
Aircraft structures, Method and apparatus for testing. P. H. Kemmer and E. R. Weaver. 2,383,491; Aug. 28.
Aircraft supercharger control. A. G. Silvester. 2,378,441; June 19.
Aircraft supercharger drive. O. E. Szekely. 2,390,626; Dec. 11.
Aircraft supercharging arrangement. C. W. Smith. 2,391,486; Dec. 25.
Aircraft training apparatus. R. C. Dehmel. 2,366,603; Jan. 2.
Aircraft wheel control device. F. N. Schwend. 2,381,842; Aug. 7.
Aircraft with autorotative wings. J. de la Cierva. 2,380,583; July 31.
Aircraft with high-speed stability. G. S. Schairer. 2,385,845; Oct. 2.
Aircraft with rotary blade system. E. W. Bossi. 2,381,968; Aug. 14.
Air current locking device. E. A. Stiemen. 2,391,107; Dec. 18.
Air-cushion knee pad. R. A. Terry. 2,368,433; Jan. 30.
Air deflector for automobiles and making same. A. R. Metzger. 2,380,860; July 31.
Air diffusing and ventilating unit. G. Herbster. 2,378,012; June 12.
Air distribution to burners. T. Kruger. 2,379,490; July 3.
Air distributor for boats, Draft reducing. R. J. Barry. 2,378,822; June 19.
Air distributor, Variable volume. C. Demuth. 2,367,104; Jan. 9.
Air-driven gyroscopic instrument. D. Crew. 2,382,135; Aug. 14.
Air filter. H. Pearson. 2,388,933; Nov. 13.
Air filter and silencer, Combined. C. G. Vokes. 2,372,618; Mar. 27.
Air-filter cleaning systems, Intake. R. L. Skinner. 2,368,787; Feb. 6.
Air filter for aircraft engines. F. W. Caldwell. 2,374,412; Apr. 24.
Airfoil. J. N. Read. 2,366,751; Jan. 9.
Airfoil construction. M. Watter. 2,386,170; Oct. 2.
Airfoil construction. M. Watter. 2,386,522; Oct. 9.
Airfoil nose construction. M. Watter. 2,372,143; Mar. 20.
Airfoil structure for aircraft. M. Watter. 2,384,409; Sept. 4.
Airframe assembly. C. E. Sorensen and R. M. Smith. 2,378,043; June 12.
Air-hydraulic actuating system, Combined. W. F. Boldt. 2,366,310; Jan. 2.
Air inlet. L. F. Hess. 2,389,310; Nov. 30.
Air introducing device. K. G. Eklund and J. E. Hulten. 2,366,773; Jan. 9.
Air, Method and apparatus for conditioning. H. B. Rogers. 2,371,468; Mar. 13.
Air mixing apparatus. H. A. Whitesel. 2,371,202-3; Mar. 13.
Air motor. B. Cones. 2,379,683; July 3.
Air or gas pump. H. G. Eudy. 2,388,398; Nov. 6.
Air outlet device. F. Honerkamp, F. J. Kurth, and M. Serre. 2,372,830; Apr. 3.
Air outlet device. F. J. Kurth, F. Honerkamp, B. Poeten, and H. K. Kunen. 2,369,303; Feb. 13.
Air outlet device. F. J. Kurth and F. Honerkamp. 2,376,705; May 22.
Air outlet device. M. Serre, J. B. Hewett, and E. A. Schaefer. 2,380,553; July 31.
Air pickup system. S. C. Plummer. 2,373,414; Apr. 10.

Air pilot instruction system. W. N. White. 2,374,401; Apr. 24.
Airplane. M. Berkow. 2,388,247; Nov. 6.
Airplane. L. G. Bowen. 2,376,862; May 29.
Airplane. O. W. Boyes. 2,379,875; July 10.
Airplane. H. A. Douglas. 2,369,820; Feb. 20.
Airplane. C. Ferro. 2,366,321; Jan. 2.
Airplane. F. F. Frakes. 2,373,467; Apr. 10.
Airplane. H. A. Hofgren. 2,388,973; Nov. 13.
Airplane. T. H. Huff. 2,390,939; Dec. 11.
Airplane. M. Jensen. 2,381,596; Aug. 7.
Airplane. V. S. Makaroff. 2,375,858; May 15.
Airplane. L. W. Moore. 2,374,493; Apr. 24.
Airplane. H. T. Nagamatsu. 2,387,526; Oct. 23.
Airplane. J. Wagner. 2,375,265; May 8.
Airplane. J. C. Wood. 2,381,021; Aug. 7.
Airplane aileron control. G. B. Carroll. 2,381,721; Aug. 7.
Airplane aileron system. A. J. Klose. 2,369,832; Feb. 20.
Airplane and control device therefor. F. R. Maxwell. 2,381,679–81; Aug. 7.
Airplane brake. F. Ibarra. 2,381,957; Aug. 14.
Airplane, Cargo. H. T. Nagamatsu. 2,387,527; Oct. 23.
Airplane, Compression. D. K. Warner. 2,390,859; Dec. 11.
Airplane construction. C. H. Bathurst. 2,388,380; Nov. 6.
Airplane control mechanism. A. E. Osborn. 2,386,709; Oct. 9.
Airplane control mechanism of the boost tab type. F. W. Davis. 2,370,844; Mar. 6.
Airplane control, System of. R. G. Sargeant. 2,369,859; Feb. 20.
Airplane door lock. S. Oxhandler. 2,390,731; Dec. 11.
Airplane engine mounting. R. S. Trott. 2,380,274; July 10.
Airplane frames, etc., Manufacture of. A. Fener. 2,378,759; June 19.
Airplane fuselages and the like, Assembling. F. M. Smith. 2,370,093; Feb. 20.
Airplane heater. F. O. Hess. 2,383,650; Aug. 28.
Airplane heating means. F. O. Hess. 2,390,255; Dec. 4.
Airplane heating means. F. O. Hess and C. P. Mann. 2,388,970; Nov. 13.
Airplane heating system. F. O. Hess and R. E. B. Wakefield. 2,388,969; Nov. 13.
Airplane-helicopter. O. A. Solomon. 2,382,824; Aug. 14
Airplane jack. F. C. Cullers. 2,377,404; June 5.
Airplane landing and retarding apparatus. O. Gerrard. 2,380,105; July 10.
Airplane, landing gear. J. F. Kendrick. 2,372,207; Mar. 27.
Airplane landing gear. J. Mercier. 2,367,467; Jan. 16.
Airplane landing gear. C. J. Morgan. 2,373,137; Apr. 10.
Airplane mail loading and unloading device. G. Burton. 2,369,133; Feb. 13.
Airplane mooring appliance. M. C. Persons. 2,380,702; July 31.
Airplane pickup mechanism. J. X. Phillips. 2,383,680; Aug. 28.
Airplane pilot trainer. C. C. McCarthy. 2,385,095; Sept. 18.
Airplane pilot's seat. P. R. Styers. 2,379,385; June 26.
Airplane power plant. P. E. Mercier. 2,390,161; Dec. 4.
Airplane propeller. H. Badrutt. 2,367,190; Jan. 16.
Airplane safety raising and guiding device, Automatic. A. Zukor. 2,381,148; Aug. 7.
Airplane seat. M. Watter. 2,383,173; Aug. 21.
Airplane shock absorbing device. L. R. Gruss. 2,389,849; Nov. 27.
Airplane structure. J. K. Northrup and V. H. Pavlecka. 2,390,730; Dec. 11.
Airplane structures, Making. M. Jensen. 2,388,485; Nov. 6.
Airplane tire construction. C. H. McClaskey. 2,383,662; Aug. 28.
Airplane tow target. A. E. Brickman. 2,376,754; May 22.
Airplane towing mechanism. O. Rasor. 2,388,013; Oct. 30.
Airplane wheel. S. N. Juul. 2,370,316; Feb. 27.
Airplane wing. F. R. Maxwell. 2,381,678; Aug. 7.
Airplane wing. L. E. Peters. 2,372,447; Mar. 27.
Airplane wing deicing means. M. E. Garrison. 2,390,093; Dec. 4.
Airplane wing or fin with improved airfoil characteristics. E. C. Pitman. 2,389,210; Nov. 20.
Airplane wing structure. A. J. Klose. 2,370,801; Mar. 6.
Airplane wing, Variable camber. H. F. Lee. 2,384,933; Sept. 18.
Airplane with movable power-plant, Tailless. M. E. Gluhareff. 2,384,296; Sept. 4.
Airplanes from movable runways, Facilitating the landing and take off of. M. Unger and W. Ockrant. 2,375,449; May 8.
Air propelled vehicle. A. Cargill. 2,388,307; Nov. 6.
Air purifier. E. E. Buskirk. 2,368,343; Jan. 30.
Air-purifying and air-compressing apparatus. J. R. Folmer. 2,371,044; Mar. 6.
Air raid and like shelter. O. Ployer. 2,369,604; Feb. 13.
Air refrigerating apparatus. G. N. Grouch. 2,371,129; Mar. 13.
Air regulator. F. P. Forss. 2,369,779; Feb. 20.
Air relay assembly for automatic pilots. R. M. Heintz. 2,379,299; June 26.
Air scoop for airplane engines. T. C. Barber. 2,388,028; Oct. 30.
Airscoop for internal-combustion engines. F. C. Mock. 2,388,213; Oct. 30.
Air screw. L. Bowman. 2,378,125; June 12.
Airscrew. W. Brierley. 2,389,760; Nov. 27.
Airscrew. F. M. Thomas and P. R. Price. 2,388,718; Nov. 13.
Airscrew propeller mounting. P. C. A. M. D'Aubarede. 2,369,538; Feb. 13.
Airscrew, Variable-pitch. L. G. Fairhurst. 2,372,416; Mar. 27.
Airscrew, Variable pitch. F. M. Thomas. 2,368,950; Feb. 6.
Airship. J. D. Langdon. 2,381,456; Aug. 7.
Airships, Method and apparatus for mooring. C. E. Rosendahl and O. Loeser, Jr. 2,386,814; Oct. 16.
Air supply means for life preservers. H. B. White. 2,371,863; Mar. 20.
Air tank tire inflator, Portable compressed. C. S. Jones. 2,384,174; Sept. 4.
Air vehicle. W. F. Gerhardt. 2,371,687; Mar. 20.
Air volume control. F. Brandstrom. 2,381,640; Aug. 7.
Air washer. O. E. Fenn. 2,379,795; July 3.
Alarm, Burglar. O. L. Schriner. 2,374,139; Apr. 17.
Alarm clock, Electric. V. J. S. Russell. 2,391,800; Dec. 25.
Alarm, Danger call. C. C. Parker. 2,386,711; Oct. 9.
Alarm device. A. J. Stock and N. Brewer. 2,371,272; Mar. 13.
Alarm device for internal-combustion engines. L. B. Gore. 2,380,643; July 31.
Alarm signal system for automatic valves. W. C. Ludi and E. M. Fry. 2,389,204; Nov. 20.
Alarm system. F. T. Horan. 2,368,471; Jan. 30.
Alarm system. A. C. Kendig. 2,371,051; Mar. 6.
Alarm system. M. H. A. Lindsay and K. Woloschak. 2,390,221; Dec. 4.
Alarm system. A. N. Montgomery. 2,390,449; Dec. 4.
Album, Article storing. W. T. Markowski. 2,384,633; Sept. 11.
Album, Foldable visual. F. B. Richman. 2,377,968; June 12.
Alcohol antifreeze liquid. A. D. Kiffer. 2,384,553; Sept. 11.
Alcohol esters and polymers thereof, Polybasic acid-polyhydric. I. E. Muskat and F. Strain. 2,384,115; Sept. 4.
Alcohol modified urea-formaldehyde condensation products and producing same. T. S. Hodgins and P. S. Hewett. 2,377,422; June 5.
Alcohol, Production of water-free. W. E. Fisher. 2,382,044; Aug. 14.
Alcohols, Dehydrating. H. S. Miller. 2,377,026; May 29.
Alcohols, Dehydration of unsaturated. C. Weizmann. 2,381,148; Aug. 7.
Alcohols of steroids and making the same, Polyhydric. A. Butenandt and W. Logemann. 2,368,199; Jan. 30.
Alcohols, Oxidising unsaturated polycyclic. R. Oppenauer. 2,384,335; Sept. 4.
Alcohols, Preparation of amino. V. E. Haury. 2,376,054; May 15.
Alcohols, Rearrangement of unsaturated aliphatic. G. W. Hearne and D. S. La France. 2,373,956; Apr. 17.
Alcohols, Thiocyano ether. H. A. Bruson. 2,372,809; Apr. 3.
Aldehyde condensation products and making same. G. Widmer and W. Fisch. 2,387,547; Oct. 23.
Aldehyde condensation products and producing the same. D. W. Jayne, Jr., and H. M. Day. 2,389,150; Nov. 20.
Aldehydes and diazine derivatives, Reaction products of. G. F. D'Alelio and J. W. Underwood. 2,391,683; Dec. 25.
Aldehydes and triazine derivatives, Reaction products of. G. F. D'Alelio and J. W. Underwood. 2,389,417; Nov. 20.
Aldehydes and unsaturated ester amides, Condensation products of. A. G. Chenicek. 2,385,911; Oct. 2.
Aldehydes, Oxidation of unsaturated. H. P. Staudinger and K. H. W. Tuerck. 2,377,584; June 5.
Aldehydes with ketones, Condensation of. H. Dreyfus and J. G. N. Drewitt. 2,378,988; June 26.
Aldol-alpha-naphthylamine, Stabilized. E. H. Comstock. 2,370,011; Feb. 20.
Aldol, Continuous production of. F. J. Metzger. 2,376,070; May 15.
Aldol, Preparation of. F. R. Balcar. 2,372,540; Mar. 27.
Aligner, Form. W. Hyre. 2,378,850; June 19.
Aligner, Wheel. H. G. Holmes. 2,378,631; June 19.
Aliphatic acids and esters, Chlorination of. Le R. U. Spence and F. O. Haas. 2,379,759; July 3.
Aliphatic carboxylic acid with sulphuryl chloride and products thereof, Reaction of saturated. M. S. Kharasch. 2,383,320; Aug. 21.
Aliphatic oxyamines, Preparing. E. L. Carpenter. 2,372,624; Mar. 27.
Alkali compounds containing antioxidant compositions. R. W. Riemenschneider and J. Turer. 2,383,816; Aug. 28.
Alkali halogen cells, Electrolytic. K. E. Stuart. 2,370,086–7; Feb. 20.

Alkali metal ferric pyrophosphate, Making. C. F. Booth. 2,385,188; Sept. 18.
Alkali metal percarbonates, Production of. O. H. Walters. 2,380,620; July 31.
Alkali metal silicates, Manufacture of. E. G. Nutting, Jr. 2,374,035; Apr. 17.
Alkali metals, Production of. T. H. McConica, III, A. A. MacPhail, and R. C. Kirk. 2,391,728; Dec. 25.
Alkali treatment of fibrous material, Continuous. J. C. F. C. Richter. 2,383,684; Aug. 28.
Alkaline composition of matter. W. F. Wegst, R. McNabney, and L. R. Bacon. 2,390,406; Dec. 4.
Alkaloid and producing the same. K. Folkers and J. Shavel, Jr. 2,391,015; Dec. 18.
Alkaloidal "free" fraction from species of erythrina and its production. K. Folkers. 2,391,014; Dec. 18.
Alkaloidal salts, Stabilized solutions of ergot. C. S. Dyas. 2,390,575; Dec. 11.
Alkaloids from erythrina species, Physiologically active. K. Folkers and F. Koniuszy. 2,391,013; Dec. 18.
Alkaloids, Production of erythrina. K. Folkers and R. T. Major. 2,385,266; Sept. 18.
Alkamine derivatives of ethers of p-hydroxymethyl benzoic acid. V. S. Salvin and A. J. Hill. 2,385,104; Sept. 18.
Alkamine derivatives of o-alkoxymethyl benzoic acid. R. P. Parker and A. J. Hill. 2,383,074; Aug. 21.
Alkenals and alkenones, Preparation of. A. Clark and R. S. Shutt. 2,388,711; Aug. 28.
Alkenes, Dehydrogenation of. J. L. Amos and F. J. Soderquist. 2,370,512; Feb. 27.
Alkenyl cyanides, Preparation of. E. C. Britton, H. S. Nutting, and M. E. Huscher. 2,389,607; Nov. 27.
Alkoxy-substituted aliphatic carboxylic acid compounds. L. P. Kyrides. 2,377,26; May 29.
Alkyl benzene hydrocarbons, Manufacturing. D. G. Brandt. 2,391,818; Dec. 25.
Alkyl glycosides, Production of. S. M. Cantor. 2,390,507; Dec. 11.
Alkyl lactates, Preparation of. S. M. Weisberg, E. G. Stimpson, and A. L. Miller. 2,390,140; Dec. 4.
Alkyl phenol compositions. R. R. Read. 2,391,798; Dec. 25.
Alkyl phenols, Treatment of. C. T. Magin and L. C. Fetterly. 2,391,839; Dec. 25.
Alkyd resin varnishes, Modified. G. F. D'Alelio and J. W. Underwood. 2,389,896; Nov. 27.
Alkyd resins. H. W. Gray. 2,374,598; Apr. 24.
Alkyl phenols, Purification of. D. B. Luten, Jr., and A. De Benedictis. 2,378,232; June 12.
Alkylated aryl compounds, Production of. H. O. Folkins and C. M. Thacker. 2,391,146; Dec. 18.
Alkylated melamine-formaldehyde coating compositions. R. C. Swain and P. Adams. 2,378,363; June 12.
Alkylated phenols, Dealkylation of. O. H. Dawson. 2,366,497; Jan. 2.
Alkylating aromatic compounds. G. F. Hennion and N. F. Toussaint. 2,390,835–6; Dec. 11.
Alkylation. E. W. Bowerman. 2,370,771; Mar. 6.
Alkylation. C. Ellis. 2,375,637; May 8.
Alkylation. A. W. Francis. 2,368,653; Feb. 6.
Alkylation. L. Kniel. 2,382,067; Aug. 14.
Alkylation of aromatic hydrocarbons. S. Mann. 2,390,953; Dec. 11.
Alkylation process. F. E. Frey. 2,384,735; Sept. 11.
Alkylation process. I. M. Hemphill. 2,370,164; Feb. 27.
Alkylation process, Hydrogen fluoride. J. O. Iverson. 2,378,636; June 19.
Alkylation process, Hydrogen fluoride. J. O. Iverson. 2,388,918–19; Nov. 13.
Alkylation process, Hydrogen fluoride. J. R. Peniston. 2,372,338; Mar. 27.
Alkylation products, Production of. J. Anderson and E. F. Bullard. 2,375,724; May 8.
Alkylation with gaseous olefinic material. F. E. Frey. 2,384,736; Sept. 11.
Alkylene cyanohydrins, Preparation of. H. S. Davis and B. C. Redmon. 2,390,519; Dec. 11.
Alkylphenols, Dealkylation of. G. H. Stillson and J. B. Fishel. 2,383,279; Aug. 21.
Alkylsulphenyl dithiocarbamates. M. Hunt. 2,390,713; Dec. 11.
All-metal folding camera stand. T. Korling. 2,374,021; Apr. 17.
All purpose garment hanger. A. D. Reed and A. W. Nonn. 2,387,681; Oct. 23.
Allotter. B. A. Wallace. 2,370,335; Feb. 27.
Alloy: *See*—
Abrasive bonding alloy.
Aluminum alloy.
Aluminum base alloy
Antifriction alloy.
Brazing alloy.
Flint alloy.
Lead alloy.
Magnesium alloy.
Magnesium base alloy.
Valve and valve steel alloy.
Zinc base alloy.
Alloy and cable sheath composed thereof, Lead base. W. H. Bassett and C. J. Snyder. 2,375,753; May 15.
Alloy article, Composite glass-metal. W. E. Kingston. 2,371,627; Mar. 20.
Alloy for permanent magnets. C. G. Bieber. 2,384,450; Sept. 11.
Alloy for use in electrolytic cell. D. W. and W. W. Forsgren. 2,379,429; July 3.
Alloy ingots and product thereof, Thermally treating aluminum base. P. C. Beck. 2,381,714; Aug. 7.
Alloy process. A. L. Feild. 2,378,397; June 19.
Alloy process. A. L. Feild. 2,387,130; Oct. 16.
Alloy rivets and product, Treating aluminum. E. C. Hartmann. 2,388,540; Nov. 6.
Alloy steel. J. C. Eckel. 2,388,128; Oct. 30.
Alloy steel. B. D. Saklatwalla. 2,378,437; June 19.
Alloy steel. L. G. Selmi and C. L. Altenburger. 2,375,953; May 15.
Alloy steel. L. G. Selmi and C. L. Altenburger. 2,375,954; May 15.
Alloy steel and articles. H. S. Schaufus. 2,384,565; Sept. 11.
Alloy steel and products thereof, Working. H. S. Schaufus. 2,384,566; Sept. 11.
Alloy steel, Heat treating. J. M. Hodge. 2,378,300; June 12.
Alloy steel method and products. H. S. Schaufus. 2,384,567; Sept. 11.
Alloy steel process. D. L. Loveless. 2,370,364; Feb. 27.
Alloy steel, Work hardening. A. P. Gagnebin. 2,386,890; Oct. 16.
Alloy steels and articles of manufacture produced therefrom, Chromium-free air-hardening. E. G. Touceda and R. P. De Vries. 2,380,711; July 31.
Alloy suitable for use as a bearing. I. R. Valentine. 2,376,210; May 15.
Alloy with protective coating, Aluminum base. G. C. Gauthier. 2,376,681; May 22.
Alloys. R. S. Dean and C. T. Anderson. 2,376,869; May 29.
Alloys. R. H. Leach. 2,383,976; Sept. 4.
Alloys, Aluminum. J. A. Tolelk. 2,383,026; Aug. 21.
Alloys and articles comprised thereof, surface hardening beryllium copper. M. J. Donachie. 2,380,506; July 31.
Alloys, Brazing. J. G. Christ. 2,390,775; Dec. 11.
Alloys containing bismuth, Ferrous. J. L. Gregg. 2,378,548; June 19.
Alloys, Copper base. C. C. Whittaker and W. A. Graham. 2,372,152; Mar. 20.
Alloys for high temperature service use. H. S. Cooper. 2,370,395; Feb. 27.
Alloys, Heat-resisting. G. Mohling. 2,373,490; Apr. 10.
Alloys, Heat-treating magnesium. R. S. Busk. 2,388,120; Oct. 30.
Alloys, Improving magnesium-base. C. E. Nelson and G. E. Holdeman. 2,380,863; July 31.
Alloys, Magnesium base rare earth. C. de Rohden. 2,384,370; Sept. 4.
Alloys, Manganese. R. S. Dean. 2,376,867; May 29.
Alloys, Manganese. R. S. Dean. 2,378,916; June 26.
Alloys, Producing aluminum base. P. T. Stroup. 2,377,281; May 29.
Alloys, Refining of copper base. A. J. Murphy and G. T. Callis. 2,384,256; Sept. 4.
Alloys, Rolling magnesium. G. Ansel. 2,378,679; June 19.
Alloys, Steel. R. H. McCarroll and G. Vennerholm. 2,370,179; Feb. 27.
Alloys, Thermoelectric. M. Telkes. 2,366,881; Jan. 9.
Alloys, Wiping solder. A. A. Smith, Jr. 2,372,745; Apr. 3.
Alloys, Zinc base. E. S. Bunn. 2,380,920–2; Aug. 7.
Alloys, Zinc base. E. S. Bunn. 2,390,689; Dec. 11.
Allyl and substituted allyl acrylates. C. H. Rehberg and C. H. Fisher. 2,390,327; Dec. 4.
Allyl and substituted allyl methacrylates. C. E. Rehberg and C. H. Fisher. 2,390,326; Dec. 4.
α-Aniline-N-d-ribofuranoside and the manufacture thereof. J. Lee and L. Berger. 2,383,977; Sept. 4.
Alpha-chloroacrylonitrile and preparing the same. A. M. Clifford and J. D. D'Ianni. 2,384,889; Sept. 18.
α-Chloroethyl sulphides and preparing the same. L. A. Walter and L. H. Goodson. 2,388,025; Oct. 30.
α-Hydroxycarbonyl compounds, Manufacture of. T. Reichstein. 2,389,325; Nov. 20.
Alpha-methylstyrenes, Cracking of. J. K. Dixon. 2,391,821; Dec. 25.
Alpha-naphthylmethyl chloride, Preparing. C. E., Funk, Jr. 2,387,702; Oct. 23.
α-nitro-isobutene, Preparation of. A. E. W. Smith, C. W. Scaife, and R. H. Stanley. 2,384,050; Sept. 4.
Alternating and direct-current generator. D. B. Hoover. 2,379,154; June 26.
Alternating current control or regulating apparatus. W. A. Charbonneaux. 2,379,415; July 3.
Alternating current generator. K. S. Dunlop, G. A. Kelsall, C. A. Lovell, and R. F. Mallina. 2,376,131; May 15.
Alternating current vernier motor. W. K. McIver. 2,379,732; July 3.
Alternator. F. W. Iden. 2,380,966; Aug. 7.
Altimeter. A. R. Lee. 2,378,226; June 12.
Altimeter. P. P. Saunier, Jr. 2,379,496; July 3.
Altimeter. O. Well. 2,388,027; Oct. 30.
Altimeter and panoramic reception system, Radio. M. Wallace. 2,378,604; June 19.
Altimeter, Terrain-level. R. W. Goble, O. V. Phillips, and D. K. Lippincott. 2,391,411; Dec. 25.
Altitude climb conditions, Method and apparatus for simulating high. L. R. St. Onge. 2,373,333; Apr. 10.
Altitude indicating system. H. D. Hineline. 2,366,621; Jan. 2.
Alumina and silicon carbide refractory. F. H. Riddle. 2,388,080; Oct. 30.

Alumina for storing in water suspension, Preparing levigated. J. R. Vilella. 2,377,057; May 29.
Alumina from ores, Extraction of. R. W. Brown. 2,375,342; May 8.
Alumina gel catalysis. L. Heard, R. V. Shankland, and J. C. Ballie. 2,371,237; Mar. 13.
Alumina hydrate powder, Water soluble. W. M. Fuchs. 2,377,547; June 5.
Alumina, Production of. A. W. Hixson and R. Miller. 2,376,696; May 22.
Alumina, Production of. J. H. Walthall. 2,381,477; Aug. 7.
Alumina, Recovery of. R. W. Brown. 2,375,343; May 8.
Alumina, Treatment of adsorbent. J. W. Newsome and R. B. Derr. 2,378,155; June 12.
Aluminate, Making alkali metal. E. E. Fisher. 2,372,819; Apr. 3.
Aluminous material. H. N. Baumann, Jr., and R. C. Benner. 2,369,709; Feb. 20.
Aluminous material. J. A. Heany. Re. 22,648; June 5.
Aluminous products, Making. J. A. Heany. 2,391,454; Dec. 25.
Aluminum alloy. I. M. Le Baron. 2,381,219; Aug. 7.
Aluminum and aluminum alloy articles, Determining defects in. C. J. Slunder. 2,391,522; Dec. 25.
Aluminum and aluminum alloys, Surface treatment of. A. N. D. Pullen. 2,376,082; May 15.
Aluminum base alloy. La V. W. Eastwood. 2,386,302; Oct. 9.
Aluminum base alloy. L. W. Kempf and W. A. Dean. 2,369,354; Feb. 13.
Aluminum base alloy containing copper, cobalt, and beryllium, and making it. R. H. Harrington. 2,373,678; Apr. 17.
Aluminum brasses, Producing. M. L. Wood. 2,368,339; Jan. 30.
Aluminum chloride, Recovery of. T. B. McCulloch. 2,377,090; May 29.
Aluminum coating. G. B. Cooke. 2,374,331; Apr. 24.
Aluminum forgings, Making. K. P. Abbe. 2,379,466–7; July 3.
Aluminum halide catalysts, Manufacture of. T. H. Whaley, Jr. 2,386,524; Oct. 9.
Aluminum hydrate from clay, Extracting. S. C. Lyons. 2,388,983; Nov. 13.
Aluminum-magnesium alloys, Quenching of. W. A. Dean. 2,390,238; Dec. 4.
Aluminum or aluminum alloy scrap, Treating. M. Stern. 2,391,752; Dec. 25.
Aluminum, Producing or refining. G. N. Kirsebom. 2,382,723; Aug. 14.
Aluminum silicate product and making same. E. E. Fisher. 2,389,352; Nov. 20.
Aluminum solutions and preparations. V. H. Roehrich. 2,373,198; Apr. 10.
Amalgamator. J. C. Shannon. 2,375,254; May 8.
Ambulance. E. L. Schofield. 2,387,186; Oct. 16.
Ambulances and their equipment. H. Gutman. 2,370,402; Feb. 27.
Ambulatory rotating reduction and fixation splint. R. Anderson. 2,391,537; Dec. 25.
Amides. M. Katzman. 2,388,154; Oct. 30.
Amides. W. J. Peppel. 2,391,267; Dec. 18.
Amides. J. H. Perrine. 2,389,453; Nov. 20.
Amides and imides of cyclic sulphones, Sulphurized. R. C. Morris and J. L. Van Winkle. 2,372,161; Mar. 20.
Amides and making same, Ester-linked acyl. M. De Groote and B. Keiser. 2,381,117; Aug. 7.
Amides and sulphonated derivatives thereof. G. D. Davis, D. Price, and J. G. Milligan. 2,367,010; Jan. 9.
Amides, Insecticidal. G. H. Coleman, W. D. Schroeder, and G. A. Griess. 2,384,811; Sept. 18.
Amides in vat color compositions, Diquinonyl. R. H. Kienle and C. A. Amick. 2,371,102; Mar. 6.
Amides, Preparing hydroxy. P. F. Tryon. 2,368,073; Jan. 23.
Amides, Production of sulphene. L. H. Howland. 2,382,793; Aug. 14.
Amidines, Production of. H. J. Barber and A. D. H. Self. 2,375,611; May 8.
Amidophosphates. G. M. Kosolapoff. 2,385,713; Sept. 25.
Amine derivatives and obtaining same, Organic. E. W. Tillitson. 2,374,791; May 1.
Amine derivatives of fossil resins and product produced thereby, Making polyethylene. K. H. Weber. 2,382,838; Aug. 14.
Amine reaction mixtures, Purification of. J. F. Olin. 2,377,511; June 5.
Amine salts, Manufacture and use of new. E. B. Thomas. 2,384,053; Sept. 4.
Amine salts of alkyl phosphoric acids, Fatty. H. G. Smith and T. L. Cantrell. 2,387,537; Oct. 23.
Amine salts of dinitrophenols. F. B. Smith and J. N. Hansen. 2,385,848; Oct. 2.
Amine salts of nitrated phenolic compounds and preparing the same. V. Migrdichian. 2,385,719; Sept. 25.
Amines. A. M. Clifford and J. G. Lichty. 2,368,521; Jan. 30.
Amines by vapor phase amination of aldehydes, Manufacture of. J. F. Olin and J. F. McKenna. 2,367,366; Jan. 16.
Amines from iron sludge, Separation of aromatic. J. P. Goulding. 2,385,504; Sept. 25.
Amines from nitrogen compounds, Production of secondary. W. S. Emerson. 2,388,606; Nov. 6.
Amines from nitrogen compounds, Production of secondary. W. S. Emerson. 2,388,608; Nov. 6.
Amines from nitrogen compounds, Production of secondary and tertiary. W. S. Emerson. 2,380,420; July 31.
Amines from nitrogen compounds, Production of teritary. W. S. Emerson. 2,388,607; Nov. 6.
Amines, Heterocyclic tertiary. J. W. Cusic. 2,368,006; Jan. 23.
Amines, Making aromatic. J. B. Dickey, E. B. Towne, and W. H. Strain. 2,382,613; Aug. 14.
Amines, Manufacture of. R. H. Goshorn. 2,389,500; Nov. 20.
Amines, Manufacture of. J. F. Olin and E. J. Schwoegler. 2,373,705; Apr. 17.
Amines, Manufacture of hydroxy alkyl. E. J. Schwoegler and J. F. Olin. 2,373,199; Apr. 10.
Amines, Production of primary and secondary. B. S. Biggs. 2,388,034; Oct. 30.
Amino acid separation. R. J. Block. 2,387,824; Oct. 30.
Amino acid synthesis. C. E. Schweitzer. 2,388,189; Oct. 30.
Amino acids in emulsion polymerization. C. F. Fryling. 2,380,591; July 31.
Amino acids, Separation of. R. J. Block. 2,386,926; Oct. 16.
Amino derivatives of dehydroabietic acid compounds, Producing. W. P. Campbell. 2,367,001; Jan. 9.
Aminodioxanes. M. Senkus. 2,370,586; Feb. 27.
Amino-methylene derivatives of salicylamide and process thereof. D. Price and R. L. Bond. 2,385,940; Oct. 2.
Aminophenol derivatives and photographic developers containing them. V. H. Reckmeyer and A. H. Brunner, Jr. 2,374,501; Apr. 24.
Aminoplastic sirups and producing same, Stable. K. E. Ripper. 2,378,362; June 12.
Amino plastics, High strength laminated. K. E. Ripper. 2,388,184; Oct. 30.
Aminoplasts having intercondensed therein a partial amide of a polycarboxylic acid. G. F. D'Alelio. 2,377,866; June 12.
Amino pyrazolones, Preparation of. H. D. Porter and A. Weissberger. 2,376,380; May 22.
Aminopyrimidines, Production of. L. P. Kyrides. 2,385,761; Sept. 25.
Aminotriazine-aldehyde resins, Hardenable. R. R. Harris. 2,388,143; Oct. 30.
Aminotriphenylacetonitrile and making it. L. Chalkley. 2,366,179; Jan. 2.
Ammonia and hydrocarbon mixtures, Distillation of. H. S. Nutting and L. H. Horsley. 2,371,350; Mar. 13.
Ammonium chloride and aliphatic amine hydrochlorides from mixtures of the same with copper chloride, Separation of. N. Poffenberger and R. D. Holmes. 2,371,543; Mar. 13.
Ammonium molybdate, Reduction of. R. F. Rennie. 2,385,843; Oct. 2.
Ammonium nitrate, Pebbling. R. C. Datin. 2,382,298; Aug. 14.
Ammonium salt production. W. Tiddy. 2,383,171; Aug. 21.
Ammonium salts and making the same, Quaternary. M. A. T. Rogers. 2,386,142; Oct. 2.
Ammonium sulphate, Purification of. G. Gaither. 2,376,045; May 15.
Ammonium thiosulphate and thiocyanate, Recovery. J. A. Shaw. 2,386,985; Oct. 16.
Ammonolysis of aryl halides. H. R. Slagh. 2,391,848; Dec. 25.
Ammunition. W. L. Finlay. 2,373,554; Apr. 10.
Ammunition. G. E. Hyde, Jr. 2,383,315; Aug. 21.
Ammunition, Antitank. J. V. Weinberger. 2,382,118; Aug. 14.
Ammunition belt tension meter. P. M. Birk and C. E. Slater, Jr. 2,385,052; Sept. 18.
Ammunition belt tension meter. C. G. Trimbach. 2,385,116; Sept. 18.
Ammunition feed. A. Corte. 2,378,191; June 12.
Ammunition feed for machine guns, Recoil operated. D. E. Holloway. 2,384,746; Sept. 11.
Ammunition, Handling. G. W. von Hofe and E. E. Lakso. 2,391,081; Dec. 18.
Ammunition link, Disintergrating. H. J. Alter. 2,388,943; Nov. 13.
Ammunition machinery. E. W. Gardner and W. F. Nickum. 2,387,654; Oct. 23.
Ammunition magazine and feed means, Combined. G. W. O'Hare. 2,375,437; May 8.
Ammunition magazine for firearms. C. L. Holcomb. 2,375,106; May 1.
Ammunition making machinery. D. S. Kuehl. 2,373,582; Apr. 10.
Ammunition manufacturing machine. K. J. Yost. 2,387,698; Oct. 23.
Ammunition priming mixtures. P. H. Burdett and M. W. Maughan. 2,377,670; June 5.
Ammunition rounds indicator. W. H. Huenergardt. 2,377,011; May 29.
Amphibian vehicle. F. W. McLarty. 2,386,132; Oct. 2.
Amphibious vehicle. J. Akins. 2,376,647; May 22.
Amphibious vehicle. L. A. Wilkie. 2,370,508; Feb. 27.

Amplification control in seismic surveying. R. T. Cloud. 2,375,283; May 8.
Amplifier. D. E. Maxwell. 2,369,066; Feb. 6.
Amplifier. G. Muffly. 2,370,483; Feb. 27.
Amplifier. W. V. Roberts. 2,375,821; May 15.
Amplifier circuit. L. E. Barton. 2,374,071; Apr. 17.
Amplifier circuit. P. G. Edwards. 2,369,030; Feb. 6.
Amplifier circuit. W. J. Field. 2,373,241; Apr. 10.
Amplifier circuit. J. R. Ford. 2,379,699; July 3.
Amplifier circuits. H. G. Brinton. 2,390,773; Dec. 11.
Amplifier, Direct current. R. M. Wilmotte. 2,391,532; Dec. 25.
Amplifier, Direct current voltage. W. M. Roberds and B. F. Wheeler. 2,375,948; May 15.
Amplifier, Distortionless radio-frequency. J. D. Booth. 2,384,791; Sept. 18.
Amplifier, Impulse. C. E. Hallmark. 2,375,551; May 8.
Amplifier, Low frequency. H. A. Broos. 2,373,534; Apr. 10.
Amplifier, Negative feedback. J. R. Cannon. 2,380,923; Aug. 7.
Amplifier or oscillator, Selective. B. M. Hadfield. 2,386,892; Oct. 16.
Amplifier, Potential ratio-controlled. C. W. Hansell. 2,383,855; Aug. 28.
Amplifier system. F. K. Floyd. 2,379,897; July 10.
Amplifier system. W. H. Nelson. 2,367,600; Jan. 16.
Amplifier system, Audio. A. A. Fayers. 2,367,110; Jan. 9.
Amplifier system, Compensation. C. N. Gillespie. 2,378,999; June 26.
Amplifier system, Unbalance correcting. K. Singer. 2,390,850; Dec. 11.
Amplifier, Thermionic. R. B. Dome. 2,368,454; Jan. 30.
Amplifier, Torque. H. M. McCoy. 2,390,547; Dec. 11.
Amplifier, Variable selectivity. K. B. Austin and G. G. Young. 2,390,768; Dec. 11.
Amplifier, Video. K. Schlesinger. 2,384,263; Sept. 4.
Amplifier, Zero phase shift selective. G. E. Oberweiser. 2,383,984; Sept. 4.
Amplifiers, Broad band. H. W. Bode. 2,367,711; Jan. 23.
Amplifying apparatus. S. A. Scherbatskoy. 2,376,195; May 15.
Amplitude modulation. M. Artzt. 2,373,737; Apr. 17.
Amplitude modulation to frequency modulation, Conversion of. W. Van B. Roberts. 2,378,581; June 19.
Ampoule. A. E. Smith. 2,368,431; Jan. 30.
Ampoule filling and conveying machine. W. T. Barker. 2,383,700; Aug. 28.
Ampoule filling machine. W. T. Barker. 2,367,085; Jan. 9.
Ampule. A. E. Smith. 2,377,274; May 29.
Ampule cleansing machine. F. Cozzoli. 2,379,789; July 3.
Amusement attachment for bicycles. C. W. Redlund. 2,367,430; Jan. 16.
Amusement device. J. A. Brewer. 2,368,088; Jan. 30.
Amusement device. J. Fostos. 2,385,980; Oct. 2.
Amusement device. I. F. Howard. 2,368,989; Feb. 6.
Amusement device. J. S. Nicholas. 2,378,722; June 19.
Amusement device. E. A. Rulfs. 2,375,692; May 8.
Amusement device. H. Singer. 2,382,513; Aug. 14.
Amusement device. C. E. Wilson. 2,373,367; Apr. 10.
Amusement device, Activated. A. M. Hillery. 2,384,168; Sept. 4.
Amusement device for registering emotion. S. D. Ellenberger. 2,379,955; July 10.
Amusement machine. D. R. Clark. 2,384,237; Sept. 4.
Amylaceous reaction products and the production thereof. H. F. Gardner. 2,374,676; May 1.
Anaesthetic liquids, Vaporizing. R. R. Macintosh, K. Mendelssohn, and R. Salt. 2,367,955; Jan. 23.
Anal retractor. J. R. Helfrick. 2,384,304; Sept. 4.
Analgetically effective tetrahydronaphthalene piperidye derivatives. G. Scheuing and B. Walach. 2,369,611; Feb. 13.
Analysis and control of organic systems, Method and apparatus for continuous. N. Wright. 2,386,830; Oct. 16.
Analysis of organic mixtures while in motion and for control of systems comprising such mixtures, Method and apparatus for continuous. N. Wright. 2,386,831; Oct. 16.
Analytical apparatus. A. V. Palma. 2,370,683; Mar. 6.
Analytical system. D. D. Taylor. 2,373,151; Apr. 10.
Analytical system. H. W. Washburn. 2,387,786; Oct. 30.
Analyzer. A. Svoboda. 2,366,658; Jan. 2.
Analyzer, Ignition. C. W. McCoy. 2,381,609; Aug. 7.
Anchor. J. K. Northrop. 2,368,942; Feb. 6.
Anchor. J. K. Northrop. 2,380,119; July 10.
Anchor. C. W. Thayer. 2,377,054; May 29.
Anchor and packer assembly, Tubing. H. J. Quintrell. 2,380,612; July 31.
Anchor, Bolt. V. Mancini. 2,373,585; Apr. 10.
Anchor, Cable. R. G. Le Tourneau. 2,374,111; Apr. 17.
Anchor device. J. M. Grinde and A. E. Manthey. 2,379,349; June 26.
Anchor devices, Vehicle. G. E. Adkisson. 2,376,318; May 15.
Anchor for ground supports. J. B. Hyde. 2,389,149; Nov. 20.
Anchor, Nut. J. R. Leisure. 2,374,548; Apr. 24.
Anchor nuts, Making. W. M. Siesel. 2,370,201; Feb. 27.
Anchor, Well. L. D. Mowrey. 2,380,669; July 31.
Anchorage means for railway rails. L. Q. Moore. 2,384,328; Sept. 4.
Anchoring device. C. S. Crickmer. 2,383,453; Aug. 28.
Anchoring means for flexible members. S. Lipton. 2,391,788; Dec. 25.
Anchoring means for foundation garments. E. R. Sutter. 2,380,272; July 10.
Anchoring means for vehicle seats. R. S. Turner. 2,372,803; Apr. 3.
Andiron, Firepiane. W. Murdock. 2,390,453; Dec. 4.
Anemometer. J. P. Eder. 2,389,615; Nov. 27.
Anesthetic solutions. D. Curtis. 2,382,546; Aug. 14.
Angle and distance gauge. R. L. Ebinger and C. E. Meree. 2,383,243; Aug. 21.
Angle and radius indicator, Boom. O. N. Nasset. 2,374,298; Apr. 24.
Angle drive for tools or the like. C. A. Koza. 2,370,906; Mar. 6.
Angle edging device. T. A. Hicks, Sr. 2,373,829; Apr. 17.
Angle gauge and cutting tool. P. J. McGarvey. 2,386,330; Oct. 9.
Angle modulated wave resonance indicator. B. Trevor. 2,379,765; July 3.
Angle of incidence of radio waves, Determining vertical. E. L. Kilpatrick. 2,379,909; July 10.
Angle valve structure. M. Smolensky. 2,379,382; June 26.
Angularly adjustable coupling. H. C. Edwards. 2,372,180; Mar. 27.
Anhydrides, Copolymers of maleic. W. E. Hanford. 2,378,629; June 19.
Anhydride-terpene reaction products and producing same, Modified maleic. W. E. Lundquist. 2,383,399; Aug. 21.
Anhydrite plaster. J. J. Etridge, F. R. Himsworth, and V. Lefebure. 2,379,222; June 26.
Anhydrous acid, Segregation of. C. S. Kelley. 2,388,156; Oct. 30.
Anhydrous compound of the pentitols, Preparation of. F. Grandel. 2,375,915; May 15.
Anhydrous hydrogen chloride, Production of. A. C. Mohr. 2,367,301; Jan. 16.
Anhydrous sodium sulphate, Manufacture of. M. L. Harbaugh. 2,374,285; Apr. 24.
Animal carcasses, Treatment of. C. L. Lohner and D. E. Rueckert. 2,371,967; Mar. 20.
Animal carcasses, Treatment of. B. E. Williams. 2,379,845; July 3.
Animal carcasses, Treatment of. B. E. Williams and L. L. Cadwell. 2,387,221; Oct. 16.
Animal food and preparing the same. H. Heuser. 2,377,008; May 29.
Animal intestines, Forming continuous strands of. T. R. Selby. 2,391,483; Dec. 25.
Animal-scratching device. F. L. Heese. 2,380,842–4; July 31.
Animal tissue, Treatment of. J. Epst. 2,381,813; Aug. 7.
Animal trap. E. V. Hammond. 2,376,591; May 22.
Animal trap. N. Horowitz. 2,387,328; Oct. 23.
Animal trap. G. H. Middleton. 2,374,691; May 1.
Animal trap. H. A. Stilson. 2,368,581; Jan. 30.
Animal trap. H. A. Stilson. 2,378,253; June 12.
Animated figure. F. E. Thomas. 2,366,576; Jan. 2.
Animated illustration. J. R. Wehr. 2,384,661–2; Sept. 11.
Animated picture device. E. Schwartz. 2,367,967; Jan. 23.
Animated toy. N. G. Cohen. 2,378,190; June 12.
Animation for photographic purposes, Attaining realistic. J. W. Richards. 2,384,341; Sept. 4.
Ankle joint. L. G. Caron. 2,390,920; Dec. 11.
Announcing system, Time-of-day. R. F. Massonneau. 2,384,634; Sept. 11.
Annular flow measuring device. R. U. Fitting, Jr., and M. H. McKinsey. 2,379,138; June 26.
Annular surfaces, Grinding. J. W. Alsdorf. 2,381,418; Aug. 7.
Annunciating and indicating apparatus. A. P. Jackel. 2,366,791; Jan. 9.
Annunciator, Record controlled. W. J. Bailey and C. E. Whiteman. 2,390,415; Dec. 4.
Annunciator system. H. S. Ott and P. W. Coombs. 2,389,323; Nov. 20.
Anode mold. J. G. Huey. 2,378,480; June 19.
Anode ring motor. E. P. Longerich. 2,379,730; July 3.
Anode structure. M. J. Zunick. 2,379,397; June 26.
Anodizing method. W. W. Herrick. 2,370,463; Feb. 27.
Antenna. A. Alford, C. A. Segerstrom, Jr., and H. N. Capen. 2,372,651; Apr. 3.
Antenna. L. E. Closson. 2,373,660; Apr. 17.
Antenna. C. R. Fleming. 2,388,810; Feb. 6.
Antenna. C. W. Hansell. 2,379,706; July 3.
Antenna. S. Ludwig. 2,366,634; Jan. 2.
Antenna. A. Morch. 2,371,539; Mar. 13.
Antenna. C. W. Thomas and W. A. Robinson. 2,368,174; Jan. 30.
Antenna apparatus, Loop. W. J. Polydoroff. 2,383,415; Aug. 21.
Antenna arrangement. A. Alford. 2,370,628; Mar. 6.
Antenna array. A. G. Kandolan. 2,366,195; Jan. 2.
Antenna, Band. P. P. Gamet. 2,369,556; Feb. 13.
Antenna, Broad band. A. G. Kandolan. 2,368,663; Feb. 6.

Antenna construction. A. Alford and M. Fuchs. 2,385,783; Oct. 2.
Antenna, Directive. H. O. Peterson. 2,375,580; May 8.
Antenna, Foldable. H. H. Harsted. 2,379,577; July 3.
Antenna, folding mechanism. L. K. Yerger, Jr. 2,367,164; Jan. 9.
Antenna for automobiles and other vehicles. O. E. Wagenknecht. 2,388,625; Nov. 6.
Antenna, Loop. A. G. Kandoian. 2,383,490; Aug. 28.
Antenna, Mechanically tuned loop. H. E. Thomas. 2,373,206; Apr. 10.
Antenna, Portable. A. G. Richardson. 2,388,287; Nov. 6.
Antenna selector switch. K. B. Austin. 2,376,649; May 22.
Antenna, Shielded loop. W. D. McGuigan. 2,391,026; Dec. 18.
Antenna system. G. H. Brown. 2,374,271; Apr. 24.
Antenna system. W. L. Carlson. 2,368,286; Jan. 30.
Antenna system. C. W. Lytle. 2,385,012; Sept. 18.
Antenna system. A. J. Maddock. 2,383,730; Aug. 28.
Antenna system. R. M. Sprague. 2,379,260; June 26.
Antenna system, Directional. P. H. Kreager. 2,390,543; Dec. 11.
Antenna system, Directive. N. E. Lindenblad. 2,370,053; Feb. 20.
Antenna, Telescopic rod. F. Tellander and O. E. Wagenknecht. 2,391,202; Dec. 18.
Antenna unit, Loop. M. L. Brownshield. 2,381,334; Aug. 7.
Anthraquinone compounds and material colored therewith. J. B. Dickey and J. G. McNally. 2,372,663; Apr. 3.
Anthraquinone compounds and their manufacture. E. Gutzwiller. 2,386,309; Oct. 9.
Anthraquinone derivatives. G. D. Buckley and H. A. Piggott. 2,383,236; Aug. 21.
Anthraquinone dyestuffs. H. Dreyfus. 2,381,971; Aug. 14.
Anthraquinone vat dyes, Preparing. W. Dettwyler and F. B. Stilmar. 2,369,951; Feb. 20.
Anthraquinonylamino substitution derivatives of cyanuric chloride, Preparation of. D. P. Graham. 2,373,826; Apr. 17.
Antianemic products, Preparation of. H. L. Kell. 2,369,465; Feb. 13.
Antibackflow and antisiphonage valve. F. Carlton. 2,389,412; Nov. 20.
Antibacklash device. W. E. Swift, Jr. 2,372,693; Apr. 3.
Anticorrosive. E. R. Barnum. 2,369,640; Feb. 20.
Anticorrosive. E. R. Barnum and E. W. Zublin. 2,371,142; Mar. 13.
Anticorrosive. F. T. Weiss. 2,368,602; Jan. 30.
Anticorrosive. E. R. White. 2,368,604–5; Jan. 30.
Anticlimming composition. H. Bennett. 2,372,171; Mar. 27.
Antifoaming agents. J. H. Fritz. 2,390,212; Dec. 4.
Antifoaming composition. R. G. Larsen and H. Diamond. 2,375,007; May 1.
Antifoggant. F. R. Bean. 2,384,593; Sept. 11.
Antifoggant, Ethyl trichloroacetate. G. E. Fallesen. 2,378,203; June 12.
Antifoggants, Mandelic acid. G. E. Fallesen. 2,378,204; June 12.
Antifouling composition. G. H. Young. 2,389,269; Nov. 20.
Antifreeze composition. F. R. Balcar. 2,386,182–3; Oct. 9.
Antifreeze device. M. K. Thomas. 2,390,475; Dec. 4.
Antifriction alloy. F. R. Hensel and E. I. Larsen. 2,381,497; Aug. 7.
Antifriction bearing. S. A. Crosby. 2,385,404; Sept. 25.
Antifriction bearing. G. H. Kendall. 2,370,173; Feb. 27.
Antifriction bearing. A. H. Williams. 2,387,962; Oct. 30.
Antiglare device. L. W. Chubb, Jr. 2,367,096; Jan. 9.
Antiglare device. G. F. Handley. 2,382,875; Aug. 14.
Antihunting circuit. R. B. Bodine. 2,386,031; Oct. 2.
Antilicing device for aircraft. L. A. Bierly. 2,387,637; Oct. 23.
Antimalarial and making the same. M. E. Auerbach. 2,383,458; Aug. 28.
Antioxidant. A. W. Sloan. 2,379,936; July 10.
Antioxidant. P. A. Wells and R. W. Riemenschneider. 2,368,435; Jan. 30.
Antioxidant composition, Ternary synergistic. R. W. Riemenschneider and J. Turer. 2,383,815; Aug. 28.
Antioxidant compositions. R. W. Riemenschneider and J. Turer. 2,375,250; May 8.
Antioxidant, Soap. E. W. Cook. 2,375,626; May 8.
Antioxidants. L. H. Howland and P. T. Paul. 2,377,423; June 5.
Antioxidants. W. M. Lauer. 2,373,192; Apr. 10.
Antioxidants. W. I. Patterson and M. B. Williamson. 2,380,546; July 31.
Antioxidants. P. T. Paul. 2,373,335; Apr. 10.
Antioxidants. P. T. Paul. 2,381,771; Aug. 7.
Antioxidants. F. R. Valentine, Jr. 2,380,129–30; July 10.
Antirachitic materials and their production. W. S. Calcott, J. Waddell and H. R. Rosenberg. 2,383,446; Aug. 28.
Antirattler device for windows and the like. E. C. Lyons. 2,378,490; June 19.
Antirecoil for firearms. R. M. Catron. 2,372,315; Mar. 27.
Antirefill device. H. A. Fisher. 2,378,919; June 26.
Antirust composition. R. H. Bruni and J. W. Jones. 2,366,486; Jan. 2.
Antirusts. J. W. Gaynor, C. N. White, and R. W. Watson. 2,387,323; Oct. 23.
Antiseptic composition. M. Mendelsohn. 2,386,252; Oct. 9.
Antishimmy device. Le R. F. Maurer. 2,385,635; Sept. 25.
Antisiphon ball cock valve. J. C. Owens. 2,382,500; Aug. 14.
Antisiphoning plug. W. T. Hanke. 2,373,470; Apr. 10.
Antiskid device. R. C. McNeer. 2,390,956; Dec. 11.
Antiskip device. C. Harvey. 2,372,828; Apr. 3.
Antislipping attachment for crutches. W. L. McGrory, G. H. Pemberton, and E. G. Marinetti. 2,371,246; Mar. 13.
Antispasmodic agents. A. G. Richardson. 2,390,555; Dec. 11.
Antisubmarine device. H. A. D. Lindsey. 2,379,447; July 3.
Anti-tampering attachment for valves. H. B. Quarfoot. 2,377,036; May 29.
Antitoxins, Refining. T. D. Gerlough. 2,368,464; Jan. 30.
Aperture objective, Wide. A. E. Glancy. 2,371,165; Mar. 13.
Apparatus and method for applying solder. E. R. Capita. 2,390,498; Dec. 11.
Apparatus and method for bonding composite articles. S. G. Saunders and H. Morrison. 2,371,847; Mar. 20.
Apparatus and method for charging containers with volatile mixtures. G. E. Coyle, Jr. 2,390,694; Dec. 11.
Apparatus and method for feeding clay to cavitous jigger molds. W. J. Miller and A. J. Wahl. 2,389,163; Nov. 20.
Apparatus and method for handling volatile liquids. E. Brinkmann. 2,379,215; June 26.
Apparatus and method for measuring work. M. A. Elliott. 2,377,869; June 12.
Apparatus and method for molding concrete blocks. F. A. Williams and G. G. Ruszpyak. 2,382,458; Aug. 14.
Apparatus and method for molding fibrocement sheets. E. W. Rembert, E. A. Winter and W. Reinecker. 2,383,736; Aug. 28.
Apparatus and method for plastic lining of conduits. H. R. Crane. 2,377,615; June 5.
Apparatus and method for sanitising. W. L. Mallmann, C. H. Kain, and R. J. Schafer. 2,388,763; Nov. 13.
Apparatus and method for treating material in a pneumatic current. G. D. Arnold. 2,368,699; Feb. 6.
Apparatus and method for utilizing ionising radiations. S. Rosenblum. 2,383,820; Aug. 28.
Apparatus and method for washing gels. W. H. Gabeler. 2,389,973; Nov. 27.
Apparatus and method of coating. C. C. Stoll. 2,384,500; Sept. 11.
Apparatus and process for making catalytic particles. H. G. Daley and J. C. Howard, Jr. 2,384,455; Sept. 11.
Apparatus and process for making pipes. J. Ferla. 2,374,087; Apr. 17.
Apparatus and process for tapering artificial filaments. J. J. Gregory. 2,374,744; May 1.
Apparatus employed in computing illumination. F. Benford. 2,371,495; Mar. 13.
Apparatus for absorbing decomposition products. F. M. Clark. 2,388,524; Nov. 6.
Apparatus for adjustably holding cutting tools against grinding wheels. P. J. Gebel. 2,367,494; Jan. 16.
Apparatus for administering anesthetics. H. A. E. Talley. 2,384,354; Sept. 4.
Apparatus for aerating sewage. C. H. Nordell. 2,374,772; May 1.
Apparatus for analyzing recorded data. H. D. Giffen. 2,380,231; July 10.
Apparatus for analysing wave bands. E. L. Kent. 2,377,242; May 29.
Apparatus for and method of assembling knock-down containers. H. K. Powell. 2,367,688; Jan. 23.
Apparatus for and method of manufacturing of cuproammonium rayon. W. H. Furness. 2,378,211; June 12.
Apparatus for and method of manufacturing slide fasteners. M. Norkin and A. Savitsky. 2,385,836; Oct. 2.
Apparatus for and method of quenching. H. E. Somes. 2,376,515; May 22.
Apparatus for and method of rust proofing. E. W. Richards. 2,381,183; Aug. 7.
Apparatus for appendaging prefabricated pottery-ware. W. J. Miller and A. J. Beck. 2,374,556; Apr. 24.
Apparatus for applying adhesive to container body ends. H. A. Fink. 2,388,911; Nov. 13.
Apparatus for applying and removing valve fittings in gas cylinders. W. H. Loveman. 2,374,871; May 1.
Apparatus for applying bands to tubular articles. W. A. Weightman. 2,382,359; Aug. 14.
Apparatus for applying carbon to sheets. J. A. La Hatte and R. B. Smith. 2,366,411; Jan. 2.
Apparatus for applying cement to rubberized fabric. M. Engler. 2,370,298; Feb. 27.
Apparatus for applying coating. B. S. Eisner. 2,388,605; Nov. 6.
Apparatus for applying coating material. N. K. Carlson. 2,378,184; June 12.

Apparatus for applying covers. V. H. Hasselquist. 2,378,011; June 12.
Apparatus for applying flux and the like. E. R. Capita. 2,370,775; Mar. 6.
Apparatus for applying mats to battery plates. C. G. Staelin. 2,373,082; Apr. 3.
Apparatus for applying moisture to paper webs. D. B. Bradner. 2,366,484; Jan. 2.
Apparatus for applying plastic coatings. W. R. Brend. 2,368,742; Feb. 6.
Apparatus for applying plastic coatings. W. R. Brend. 2,380,499; July 31.
Apparatus for applying radiant energy. E. W. Boerstler. 2,380,682; July 31.
Apparatus for applying sheet material to other materials. A. P. Bamford. 2,384,231; Sept. 4.
Apparatus for applying treating mediums. G. Ornstein. 2,387,406; Oct. 23.
Apparatus for applying treating or coating materials to paper. E. Palmer. 2,373,849; Apr. 17.
Apparatus for applying trim molding. A. C. Lind and A. Carlin. 2,372,097; Mar. 20.
Apparatus for applying wearing surface coatings to tires. P. H. Taber. 2,368,172; Jan. 30.
Apparatus for article working. C. O. Blaisdell. 2,380,212; July 10.
Apparatus for artificial respiration. D. R. Scanlan. 2,383,821; Aug. 28.
Apparatus for assembling percussion primers. S. E. Van Tuyl. 2,366,885; Jan. 9.
Apparatus for assembling type characters. A. J. Evangelista. 2,378,473; June 19.
Apparatus for attaching adhesive tape to masking paper. M. T. Johnson. 2,374,103; Apr. 17.
Apparatus for attenuating fibers. E. Fletcher. 2,380,915; Aug. 7.
Apparatus for automatically adjusting electrical networks. H. Lehde. 2,385,454; Sept. 25.
Apparatus for automatically severing tubing and the like. W. E. Edwards. 2,366,243; Jan. 2.
Apparatus for averaging materials. A. J. Boynton. 2,385,494; Sept. 25.
Apparatus for balancing propeller blades. H. P. Reiber. 2,388,705; Nov. 13.
Apparatus for balancing wheels. U. A. Inman. 2,378,018; June 12.
Apparatus for bending channels or the like. J. H. Newsome and A. Davis. 2,382,901; Aug. 14.
Apparatus for bending elongated metal articles. D. B. Nivison. 2,369,486; Feb. 13.
Apparatus for bending glass. W. Owen. 2,370,575; Feb. 27.
Apparatus for bending glass sheets. L. J.-B. Forbes and G. W. T. Bird. 2,372,418; Mar. 27.
Apparatus for blocking row crops. S. F. Soucie. 2,373,716; Apr. 17.
Apparatus for bonding one article to another. G. Stuhlfauth. 2,380,269; July 10.
Apparatus for broaching. H. H. Gotberg. 2,372,823; Apr. 3.
Apparatus for building tires. F. S. Sternad and J. P. Sapp. 2,374,391; Apr. 24.
Apparatus for bumping platen presses. A. Hermann. 2,381,125; Aug. 7.
Apparatus for burning off glassware. H. R. Schutz 2,381,467; Aug. 7.
Apparatus for burning refuse. N. T. Puckett. 2,381,182; Aug. 7.
Apparatus for carrying out chemical reactions. P. J. Gaylor. 2,378,138; June 12.
Apparatus for casting articles in permanent metal molds. H. E. McWane. 2,367,727; Jan. 23.
Apparatus for casting hollow metal articles. J. P. Gowland. 2,380,751; July 31.
Apparatus for casting metal ingots. W. S. Walker. 2,377,732; June 5.
Apparatus for casting metals. P. Campbell. 2,369,277; Feb. 13.
Apparatus for catalytic conversion. T. P. Simpson, J. W. Payne, and J. A. Crowley, Jr. 2,379,195; June 26.
Apparatus for cementing the wall of an earth-boring. C. E. Bannister. 2,387,002; Oct. 16.
Apparatus for cementing well bores. R. C. Baker. 2,370,833; Mar. 6.
Apparatus for charging and sealing tubular containers. G. L. McFarland, Jr. 2,381,764; Aug. 7.
Apparatus for charging cupolas. H. L. Kuehlthau. 2,375,371; May 8.
Apparatus for charging melting pots of typesetting machines. A. O. Hebb and W. A. Whitney. 2,372,158; Mar. 20.
Apparatus for charging mortar into pipe bores. H. R. Crane. 2,369,720; Feb. 20.
Apparatus for checking entries. M. A. H. van den Akker. 2,377,466; June 5.
Apparatus for cleaning hot blast stove flues. F. Weir. 2,374,399; Apr. 24.
Apparatus for cleaning roller bearings. F. L. Streuber. 2,369,493; Feb. 13.
Apparatus for cleaning textile machines. C. De V. Miller. 2,378,361; June 12.
Apparatus for coalescing foam. L. Dillon and E. G. Ragats. 2,381,578; Aug. 7.
Apparatus for coating. R. J. Randall. 2,375,493; May 8.
Apparatus for coating. H. F. Taylor and V. A. Nedzvedsky. 2,373,721; Apr. 17.
Apparatus for coating a fibrous strip. C. Field. 2,386,203; Oct. 9.
Apparatus for coating containers. V. A. Fox. 2,368,130; Jan. 30.
Apparatus for coating glass articles. A. K. Lyle. 2,375,482; May 8.
Apparatus for coating record blanks. L. E. Dettle. 2,388,126; Oct. 30.
Apparatus for coating sheet metal. H. Sebell. 2,370,495; Feb. 27.
Apparatus for cold rolling. J. F. Ferm. 2,376,240; May 15.
Apparatus for combining sheets. H. A. Rau. 2,384,768; Sept. 11.
Apparatus for communication systems. W. L. Konrad. 2,385,211–12; Sept. 18.
Apparatus for communication systems. W. L. Konrad. 2,389,987; Nov. 27.
Apparatus for conditioning cotton seed. H. O. Shields. 2,376,094; May 15.
Apparatus for conditioning plastic material. J. Bailey. 2,373,939; Apr. 17.
Apparatus for conditioning steel blanks. P. Kruse. 2,375,927; May 15.
Apparatus for conditioning tobacco. R. D. Touton. 2,379,118; June 26.
Apparatus for conducting catalytic reactions. K. H. Hachmuth. 2,373,888; Apr. 17.
Apparatus for conducting reactions in liquid phase. W. F. Caldwell, R. C. Swain and J. H. Paden. 2,375,730; May 8.
Apparatus for connecting plies of thermoplastic material. J. Custers. 2,387,566; Oct. 23.
Apparatus for continuous conversion of hydrocarbons. P. Ostergaard. 2,388,642; Nov. 6.
Apparatus for continuous fractional distillation. E. M. F. Guignard. 2,385,074; Sept. 18.
Apparatus for continuously hot dip coating of tin on coiled strip. C. W. Sherman. 2,390,007; Nov. 27.
Apparatus for controlling draft. R. R. McIntosh. 2,377,895; June 12.
Apparatus for controlling fluid pressure. W. T. Stephens. 2,377,278; May 29.
Apparatus for controlling fluid volume in fluid couplings. M. H. Blank. 2,377,851; June 12.
Apparatus for controlling railway switches. D. F. Coburn. 2,367,716; Jan. 23.
Apparatus for controlling temperature of boosted charge of internal combustion engines. W. Helmore. 2,372,272; Mar. 27.
Apparatus for controlling the speed of phonograph turntables. R. L. Stone. 2,369,085; Feb. 6.
Apparatus for controlling transmission mechanism. L. L. Beltz. 2,380,717; July 31.
Apparatus for converting hydrocarbon oils. W. J. Degnen, H. M. Nelly, Jr., and P. C. Keith. 2,370,234; Feb. 27.
Apparatus for converting hydrocarbon oils. W. J. Degnen, H. M. Nelly, Jr., and P. C. Keith, Jr. 2,378,394; June 19.
Apparatus for converting sound to frequency modulated currents. W. Hausz. 2,386,049; Oct. 2.
Apparatus for conveying and arranging bottles, jars, cans, or the like. T. J. Gagnon and A. S. Alcorn. 2,389,496; Nov. 20.
Apparatus for conveying freshly coated containers. J. F. Earp. 2,382,619; Aug. 14.
Apparatus for cooking food. L. T. Finizie. 2,377,873; June 12.
Apparatus for cooling, drying, and desilting granular material. J. N. Collins and C. Ashton. 2,384,891; Sept. 18.
Apparatus for cooling or dehumidifying air. A. E. Williams. 2,378,964; June 26.
Apparatus for cooling soap and similar solidifiable materials. D. A. Hackett. 2,385,134; Sept. 18.
Apparatus for copper coating ferrous metal strip. B. C. Moise and B. C. Moise, Jr. 2,375,434; May 8.
Apparatus for copying documents and the like. R. A. Higonnet and L. N. Chereau. 2,388,264; Nov. 6.
Apparatus for crowning containers under vacuum. J. Kantor. 2,378,640; June 19.
Apparatus for cutting corrugated plates and the like. L. H. Place. 2,389,239; Nov. 20.
Apparatus for cutting curved surfaces. H. Q. Day. 2,390,927; Dec. 11.
Apparatus for cutting dies. S. Leskiecicz. 2,367,225; Jan. 16.
Apparatus for cutting filaments. W. E. Llewellyn. 2,391,719; Dec. 25.
Apparatus for cutting metal. H. G. Hughey. 2,384,921; Sept. 18.
Apparatus for cutting strip material. E. A. Davis. 2,387,650; Oct. 23.
Apparatus for debarking and cleaning logs. M. J. Power. 2,390,459; Dec. 4.
Apparatus for declustering fruit. B. C. Coons. 2,382,134; Aug. 14.
Apparatus for deep sea rescue and salvage. J. W. Justus. 2,377,695; June 5.

Apparatus for degreasing containers. E. W. Kimmig and F. J. Peters. 2,380,968; Aug. 7.
Apparatus for dehydrating. G. Overton. 2,376,502; May 22.
Apparatus for dehydrating fruit, vegetables, and other products. T. Veit. 2,370,825; Mar. 6.
Apparatus for dehydration. F. B. Doyle, E. H. Markley, and J. F. Plumer, Jr. 2,370,295; Feb. 27.
Apparatus for desalting oil. H. C. Eddy. 2,386,941; Oct. 16.
Apparatus for detecting trends in observed data. H. Ziebolz. 2,390,569; Dec. 11.
Apparatus for detecting underground metallic objects. H. Chireix. 2,376,659; May 22.
Apparatus for determining blood volume. J. L. Nickerson. 2,386,878; Oct. 16.
Apparatus for determining hardness. J. A. Talalay. 2,377,590; June 5.
Apparatus for determining hydrogen in steel. W. D. Brown. 2,387,878; Oct. 30.
Apparatus for determining permeabilities of porous media. J. T. Hayward. 2,390,252; Dec. 4.
Apparatus for determining pressure distribution on airfoils and the like. H. M. Heuver. 2,390,534; Dec. 11.
Apparatus for determining refractive error of the eye. H. F. Ettinger. 2,367,855; Jan. 23.
Apparatus for determining the duration of a transient effect. W. Richter. 2,377,969; June 12.
Apparatus for determining the flatness of glass plates. B. H. Vine. 2,379,263; June 26.
Apparatus for determining the magnitudes required for parallax correction. K. Papello. 2,376,719; May 22.
Apparatus for determining the proportions of admixed immiscible liquids. W. Mendius. 2,371,457; Mar. 13.
Apparatus for determining unbalance in rotors. O. W. Carlstein. 2,381,645; Aug. 7.
Apparatus for developing prints by means of gas. H. J. Brunk. 2,384,155; Sept. 4.
Apparatus for disassembling and reassembling tracks. J. H. Abramson and E. C. Swanson. 2,387,551; Oct. 23.
Apparatus for dispersing liquid. F. S. Pilkington. 2,372,603; Mar. 27.
Apparatus for dispersing material in air. E. Piqueres. 2,374,699; May 1.
Apparatus for displacing air from filled container head spaces. A. L. Kronquest. 2,383,975; Sept. 4.
Apparatus for distilling oil shale and the like. E. H. Records and J. E. Louttit. 2,377,518; June 5.
Apparatus for drawing glass tubing. C. H. Greene. 2,377,494; June 5.
Apparatus for drawing perspectives. R. J. Robinson. 2,380,073; July 10.
Apparatus for dry sump lubrication of engines. B. R. Walsh. 2,373,360; Apr. 10.
Apparatus for drying. F. H. Denner. 2,383,474; Aug. 28.
Apparatus for drying air. C. E. Bennett and P. V. White 2,375,069; May 1.
Apparatus for drying hay, vegetables, fish and the like. V. Einarsson. 2,368,811; Feb. 6.
Apparatus for drying metallic articles. A. L. Bunting and A. C. Schultz. 2,375,173; May 1.
Apparatus for drying or heating printed or engraved sheets. C. Lingle. 2,376,368; May 22.
Apparatus for edge grinding small objects. H. F. Fruth. 2,387,139; Oct. 16.
Apparatus for edging sheet metal blanks. J. Aneiros. 2,370,128; Feb. 27.
Apparatus for effecting catalytic reactions. P. C. Keith and M. M. Perkins. 2,380,245; July 10.
Apparatus for effecting clarification turbulent liquid by flocculation. R. B. Carter, Jr. 2,382,605; Aug. 14.
Apparatus for effecting contacting reactions. R. C. Lassiat. 2,376,365; May 22.
Apparatus for effecting the shrinking or the stretching of textile fabrics. J. J. Hadfield and D. Bamford. 2,374,482; Apr. 24.
Apparatus for electrogalvanizing. W. F. Hall. 2,377,550; June 5.
Apparatus for electrolytic galvanizing of sheets. C. H. Ward. 2,384,660; Sept. 11.
Apparatus for electroplating. E. D. Martin. 2,382,018; Aug. 14.
Apparatus for equalising the light intensity of a field of view including the sun and adjacent space. M. R. Holste. 2,379,153; June 26.
Apparatus for escape from submerged vessels. J. R. Hartnett. 2,375,299; May 8.
Apparatus for evaporating and distilling. E. P. Worthen, F. S. Barbour, and S. R. Putnam. 2,368,588; Jan. 30.
Apparatus for evaporating and distilling. E. P. Worthen. 2,374,519; Apr. 24.
Apparatus for expanding tubes. H. Boyles and R. W. Grabb. 2,373,097; Apr. 10.
Apparatus for extinguishing fires. H. G. Freeman. 2,375,297; May 8.
Apparatus for extracting fruit juices. E. Ravndal and A. P. Fothergill. 2,374,456; Apr. 24.
Apparatus for extracting sulphur from gases. W. C. Fernelius and J. P. McReynolds. 2,386,390; Oct. 9.
Apparatus for extruding hollow articles. D. M. Frothingham. 2,368,980; Feb. 6.
Apparatus for extrusion of organic materials. C. R. Johnson and R. R. Nydegger. 2,370,469; Feb. 27.
Apparatus for fabricating connecting rods. C. E. Metheny and A. L. Marker. 2,375,574; May 8.
Apparatus for fabricating plywood structures. R. L. Beasecker. 2,380,573; July 31.
Apparatus for facilitating the transport of aircraft. E. Page. 2,391,503; Dec. 25.
Apparatus for feeding and cutting material into definite lengths. L. N. Linscott. 2,385,926; Oct. 2.
Apparatus for feeding and ejecting envelopes. C. D. Ryan. 2,389,551; Nov. 20.
Apparatus for feeding and orienting crowned nut or article blanks. E. J. Cole. 2,379,564; July 3.
Apparatus for feeding articles. R. W. Harris and G. Dearsley. 2,366,250; Jan. 2.
Apparatus for feeding articles from a container. F. Parry. 2,378,032; June 12.
Apparatus for feeding articles from a supply. C. Best and S. R. Chown. 2,371,126; Mar. 13.
Apparatus for feeding clay to molds. W. J. Miller. 2,374,554; Apr. 24.
Apparatus for feeding cut tobacco. F. F. Ruau. 2,367,060; Jan. 9.
Apparatus for feeding paper pulpers. A. G. Gibson and C. R. Crawford. 2,369,347; Feb. 13.
Apparatus for feeding material. R. F. Hohman. 2,367,775; Jan. 23.
Apparatus for filling cans and other containers. D. W. Bingham. 2,374,268; Apr. 24.
Apparatus for filling containers. R. B. McKinnis. 2,390,443; Dec. 4.
Apparatus for filling containers with liquids, pastes, or discrete material. D. W. Bingham. 2,388,036; Oct. 30.
Apparatus for filling containers with milk and other liquids. H. M. McDonald. 2,380,771; July 31.
Apparatus for finishing the surface of cylindrical bodies. L. E. Gaenzle. 2,367,641; Jan. 16.
Apparatus for firing powder. A. Groth and H. J. Hanauer. 2,368,018; Jan. 23.
Apparatus for fixing the tool in the lathe. M. G. Fenosa. 2,375,295; May 8.
Apparatus for flame cultivation of plants. P. C. McLemore and V. Knudsen. 2,391,027; Dec. 18.
Apparatus for flame hardening. J. O. Bishop and L. L. Babcock. 2,368,087; Jan. 30.
Apparatus for flanging openings in tube type headers. G. Zummach. 2,368,394; Jan. 30.
Apparatus for flue dust removal. L. J. Buck and C. E. Veatch. 2,382,855; Aug. 14.
Apparatus for fluid meter, Protective. J. W. Beecher. 2,374,523; Apr. 24.
Apparatus for folding, banding, and mounting paper tickets. R. F. Palmer. 2,388,433; Nov. 6.
Apparatus for folding sheet material. L. Brandt. 2,368,445; Jan. 30.
Apparatus for forging billets. H. G. Welsford and W. P. Muir. 2,368,603; Jan. 30.
Apparatus for formation and packing of containers. W. F. Brown. 2,378,180; June 12.
Apparatus for forming and trimming die castings. L. H. Morin. 2,367,303; Jan. 16.
Apparatus for forming batch bodies. G. W. Batchell. 2,371,213; Mar. 13.
Apparatus for forming corrosion resisting films. J. E. Swope, Jr. 2,384,576; Sept. 11.
Apparatus for forming cup-shaped hollow bodies. H. Lorant. 2,371,304; Mar. 13.
Apparatus for forming hollow bodies. P. Salvaneschi. 2,369,608; Feb. 13.
Apparatus for forming identification badges. E. B. Gage. 2,380,746; July 31.
Apparatus for forming integral finned tubing. G. E. Clifford. 2,385,498; Sept. 25
Apparatus for forming laminated molded structures. E. L. Vidal. 2,386,578; Oct. 9.
Apparatus for forming materials. C. J. Hull. 2,367,779; Jan. 23.
Apparatus for forming metallic articles. E. Sirp and J. S. Stull. 2,369,318; Feb. 13.
Apparatus for forming optical wedges. O. A. Ullrich, Jr. 2,369,764; Feb. 20.
Apparatus for forming plastic objects. P. S. Hauton. 2,380,042; July 10.
Apparatus for forming screw threads. C. A. Reimschissel. 2,378,951; June 26.
Apparatus for forming sheet material. J. W. Greig. 2,389,974; Nov. 27.
Apparatus for forming sheet material. H. L. Johnson. 2,370,666; Mar. 6.
Apparatus for forming sheet metal articles. S. K. Wellman. 2,378,742; June 19.
Apparatus for forming sheets from plastic material. G. A. Hoggatt. 2,380,527; July 31.
Apparatus for games or the like. J. M. Prentice. 2,372,851; Apr. 3.
Apparatus for gas analysis. P. S. Williams and M. W. Kriegel. 2,389,706; Nov. 27.
Apparatus for gauging and straightening. E. L. McKinney and J. A. Banta. 2,389,206; Nov. 20.
Apparatus for generating and superheating steam. M. Frisch. 2,366,717; Jan. 9.
Apparatus for generating hydrogen and carbon from hydrocarbon gas. W. G. Clark. 2,367,928; Jan. 23.
Apparatus for generating sound waves. E. H. Land and M. Grabau. 2,376,493; May 22.

Apparatus for grinding and buffing metallic articles and the like. F. C. Glike. 2,376,847; May 22.
Apparatus for grinding duplicate parts. G. S. Gould. 2,372,824; Apr. 3.
Apparatus for handling airplanes. J. P. Valdene. 2,390,754; Dec. 11.
Apparatus for handling and heat treating glass. A. H. Vaughn. 2,370,381; Feb. 27.
Apparatus for handling and heating containers. W. L. Gladfelter and W. A. Schmidt. 2,366,515; Jan. 2.
Apparatus for handling articles. D. V. Waters. 2,371,085; Mar. 6.
Apparatus for handling dust. F. B. Allen. 2,368,396; Jan. 30.
Apparatus for handling strands. J. A. Wagner. 2,390,904; Dec. 11.
Apparatus for heat treating liquids. W. J. O'Brien. 2,378,029; June 12.
Apparatus for heating air or other fluid. F. Thomlinson. 2,380,346; July 10.
Apparatus for heating and cooking. W. B. Elmer. 2,379,509; July 3.
Apparatus for heating and handling containers. W. I. Gladfelter and W. A. Ehrlich. 2,371,885; Mar. 20.
Apparatus for heating fluids. W. C. Seifert. 2,385,846; Oct. 2.
Apparatus for heating fluids. J. S. Wallis and J. W. Throckmorton. 2,372,991; Apr. 3.
Apparatus for heating gas streams. L. Silver and M. Maccormac. 2,375,500; May 8.
Apparatus for heating hard water. E. W. Welp. 2,376,298; May 15.
Apparatus for heating materials for molding. G. Smith. 2,370,883; Mar. 6.
Apparatus for high temperature tensile testing of materials. M. M. Semchyshen. 2,375,034; May 1.
Apparatus for holding an anchor in a mold. G. J. Saffert. 2,366,656; Jan. 2.
Apparatus for homogenizing mixed liquid ingredients. J. C. Rhodes. 2,388,573; Nov. 6.
Apparatus for hot-air heating systems. J. C. Miles. 2,369,681; Feb. 20.
Apparatus for hydrodynamic-testing of ship models. C. A. Lee. 2,378,412; June 19.
Apparatus for illustrating propeller blade pitch movements. W. C. Roberts-Horsfield, Jr. 2,372,741; Apr. 3.
Apparatus for impregnating electric power cables. C. E. Bennett. 2,390,823; Dec. 11.
Apparatus for impregnating webs. L. E. Hahn. 2,385,916; Oct. 2.
Apparatus for indicating and controlling the flow of solid materials. F. J. McNamara. 2,368,672; Feb. 6.
Apparatus for inducing respiration. H. E. Enslin and E. C. Wallace. 2,383,181; Aug. 21.
Apparatus for induction heating of molding machines. M. A. Crosby. 2,381,866; Aug. 14.
Apparatus for inflating and deflating an expansible plug by means of a liquid content. E. T. Abern. 2,378,367; June 12.
Apparatus for inside riveting of hollow rivets. A. Cucchi and G. Manzini. 2,374,079; Apr. 17.
Apparatus for inspecting flash holes in primer tubes. L. Meister. 2,385,367; Sept. 25.
Apparatus for installing and removing electric-power lines. P. Stahell. 2,374,048; Apr. 17.
Apparatus for insulating electrical conductors. C. N. Stover. 2,387,191; Oct. 16.
Apparatus for intensifying speech in the human vocal cavities. N. R. French. 2,374,090; Apr. 17.
Apparatus for internal grinding. R. A. Heald. 2,382,311; Aug. 14.
Apparatus for introducing a coolant into grinding wheels. H. J. Scheer. 2,380,332; July 10.
Apparatus for introducing liquids into containers. R. B. McKinnis. 2,377,796; June 5.
Apparatus for jacking airplanes or the like. P. A. Dunn, Jr. 2,369,545; Feb. 13.
Apparatus for jet propulsive and other purposes. G. Vigo. 2,375,180; May 1.
Apparatus for launching or assisting in the launching of airplanes. G. T. Wilson. 2,379,267; June 26.
Apparatus for laying mats on landing fields. C. H. Payne. 2,384,395; Sept. 4.
Apparatus for lifting and transferring materials. A. M. Carter. 2,391,224; Dec. 18.
Apparatus for liquid contact for fractionating, etc. R. E. Bork and T. J. Walsh. 2,376,341; May 22.
Apparatus for loading guns. G. M. Taylor. 2,385,387; Sept. 25.
Apparatus for locating foreign bodies. A. A. de Lorimier. 2,390,520; Dec. 11.
Apparatus for making abrasive articles. E. Van der Pyl. 2,391,206; Dec. 18.
Apparatus for making all-plastic molded buttons. W. F. Reibold and R. P. Magnenat. 2,367,962; Jan. 23.
Apparatus for making annual articles, Method of and. R. Pash. 2,390,614; Dec. 11.
Apparatus for making artificial teeth. F. R. Felcher. 2,368,816; Feb. 6.
Apparatus for making blades for turbo-machines. C. Sequin. 2,389,876; Nov. 27.
Apparatus for making cellular masses. R. M. Urquhart. 2,381,475; Aug. 7.
Apparatus for making coil springs. A. T. Hollster. 2,369,827; Feb. 20.
Apparatus for making coke. C. H. McKinney. 2,384,184; Sept. 4.
Apparatus for making composite strips. G. H. Schans. 2,382,177; Aug. 14.
Apparatus for making corrugated tubing. D. Ingalls. 2,383,253; Aug. 21.
Apparatus for making electrical coils. H. P. Von Knauf. 2,368,389; Jan. 30.
Apparatus for making extensible retractile cords. C. J. Hackbarth. 2,377,033; May 29.
Apparatus for making fan belts. J. B. Davis. 2,367,821; Jan. 23.
Apparatus for making flavored confections. A. C. Routh. 2,389,084; Nov. 13.
Apparatus for making fluid pressure connections to the instruments on an instrument panel. D. Samiran. 2,386,270; Oct. 9.
Apparatus for making geophysical explorations. H. M. Evjen. 2,375,778; May 15.
Apparatus for making glass film. G. Slayter and H. Snow. 2,386,511; Oct. 9.
Apparatus for making gravity measurements. M. E. Moore. 2,389,866; Nov. 27.
Apparatus for making grids. W. W. Eitel and J. A. McCullough. 2,385,973; Oct. 2.
Apparatus for making hand knitted garments. J. M. de la Peña. 2,382,614; Aug. 14.
Apparatus for making hollow rubber articles. N. E. Tillotson. 2,389,009; Nov. 13.
Apparatus for making mattresses, cushions, and the like. F. G. Hodges, Jr. 2,382,226; Aug. 14.
Apparatus for making metal articles from metal powder. A. W. Morris. 2,379,540; July 3.
Apparatus for making pellets. E. T. Meakin. 2,391,638; Dec. 25.
Apparatus for making pile products. L. N. Linscott. 2,385,925; Oct. 2.
Apparatus for making plug bricks. J. B. Blewett. 2,369,102; Feb. 6.
Apparatus for making retractile cords. W. T. Barrans and V. S. Martin. 2,390,769; Dec. 11.
Apparatus for making retractile cords. V. S. Martin. 2,391,433; Dec. 25.
Apparatus for making shoe soles. G. Codish. 2,390,991; Dec. 18.
Apparatus for making thermoplastic joints. R. N. Steffens. 2,389,560; Nov. 20.
Apparatus for making variegated hard surface covering. A. C. Perry. 2,374,496; Apr. 24.
Apparatus for making welded tubes. J. L. Anderson. 2,370,387; Feb. 27.
Apparatus for manufacture of compressed clay bodies. W. H. Glenn. 2,373,468; Apr. 10.
Apparatus for manufacture of high melting point bitumen. J. W. Packie and R. E. Bittner. 2,366,551; Jan. 2.
Apparatus for manufacturing bonded fibrous mats. D. Kleist. 2,373,077; Apr. 3.
Apparatus for manufacturing explosives. W. S. Pilcher. 2,383,989; Sept. 4.
Apparatus for manufacturing multiple glazed units. O. D. Englehart. 2,379,220; June 26.
Apparatus for manufacturing pile fabric, such as carpet. G. Niki. 2,378,574; June 19.
Apparatus for manufacturing pipes of composite material. J. Ferla. 2,373,672; Apr. 17.
Apparatus for manufacturing potteryware. W. J. Miller. 2,376,800; May 22.
Apparatus for manufacturing tires. F. Kovacs. 2,382,069; Aug. 14.
Apparatus for manufacturing wire rope. E. Ramstedt and D. D. Symmes. 2,374,133; Apr. 17.
Apparatus for marking egg-laying hens. J. A. Beam. 2,388,898; Nov. 13.
Apparatus for marking or cutting pipes. W. W. Watkins. 2,389,286; Nov. 20.
Apparatus for measuring and adjusting tension in guy lines. G. V. Davies, F. Parr, and C. M. Goodrich. 2,376,037; May 15.
Apparatus for measuring liquids. R. W. McBrien. 2,387,922; Oct. 30.
Apparatus for measuring or indicating the roughnesses or undulations of surfaces. R. E. Reason. 2,372,451; Mar. 27.
Apparatus for measuring rate of change. M. A. Treuhaft. 2,369,499; Feb. 13.
Apparatus for measuring rate of movement. A. H. Davis, Jr. 2,388,256; Nov. 6.
Apparatus for measuring the distance between visual axes of the eyes and for determining vertical inbalance of the eyes or eyeglass lenses. H. C. Rees. 2,380,263; July 10.
Apparatus for melting glass. G. Slayter. 2,383,168; Aug. 21.
Apparatus for mining. J. B. Mavor. 2,389,920–1; Nov. 27.
Apparatus for mining coal. D. H. Reeder. 2,375,689; May 8.
Apparatus for mixing and burning fuel. M. H. Wigton. 2,378,346; June 12.
Apparatus for mixing and dispensing fluids of different densities. D. J. Conway. 2,390,871; Dec. 11.

Apparatus for mixing gases. H. A. E. Talley. 2,379,551; July 3.
Apparatus for modeling figures for animated photography. Ed. Nassour. 2,372,843; Apr. 3.
Apparatus for moistening gummed articles. C. D. Ryan. 2,372,742; Apr. 3.
Apparatus for molding blocks. W. S. Wagoner. 2,389,474; Nov. 20.
Apparatus for molding tubular concrete bodies. S. Lake. 2,386,961; Oct. 16.
Apparatus for mounting foundations. G. A. Carpenter. 2,383,708; Aug. 28.
Apparatus for mounting optical elements. C. H. O. Wittig. 2,375,299; May 8.
Apparatus for mounting safety pins on cards. H. Alfandre. 2,378,171–2; June 12.
Apparatus for multiple stage cementing. O. Hammer. 2,384,675; Sept. 11.
Apparatus for musical instruments, Tuning. N. Bryant. 2,390,237; Dec. 4.
Apparatus for opening and emptying capped bottles. J. C. Wahl. 2,386,152; Oct. 2.
Apparatus for operating lathes. C. A. Bickel. 2,389,757; Nov. 27.
Apparatus for orienting and accumulating elongated articles. R. Clark and H. R. Patterson. 2,387,235; Oct. 23.
Apparatus for orienting well tools. T. A. Creighton. 2,368,413; Jan. 30.
Apparatus for pelleting carbon black. S. C. Carney. 2,368,112; Jan. 30.
Apparatus for perforating material. G. H. Burt. 2,378,618; June 19.
Apparatus for perforating sheet material. G. F. Wales. 2,380,485; July 31.
Apparatus for photographic composition. E. G. Klingberg, F. Stadelmann, and H. R. Freund. 2,391,021; Dec. 18.
Apparatus for photographic printing. H. G. Klemm and C. Niles. 2,378,933; June 26.
Apparatus for piling metallic sheets. D. Bucciocone. 2,374,174; Apr. 24.
Apparatus for placing gravel in wells. L. C. Uren. 2,372,461; Mar. 27.
Apparatus for plotting maps from photographs. W. Bauersfeld. 2,387,555; Oct. 23.
Apparatus for polishing. L. R. Heim. 2,372,722; Apr. 3.
Apparatus for polishing optical flats. P. Kirsch. 2,383,131; Aug. 21.
Apparatus for positioning parts. E. W. Larsen. 2,390,596; Dec. 11.
Apparatus for power development. A. M. Thomsen. 2,391,078; Dec. 18.
Apparatus for practicing football goal kicking. R. E. W. Perry. 2,382,744; Aug. 14.
Apparatus for precision control of flow division for fractionating columns and the like. S. Palkin and S. A. Hall. 2,369,913; Feb. 20.
Apparatus for preparation of carbon. W. C. Goss. 2,390,067; Dec. 4.
Apparatus for preparing or conditioning molding materials just prior to their molding. R. C. Brotz. 2,376,655; May 22.
Apparatus for preparing photoengraving plates. F. T. Bowers. 2,387,349; Oct. 23.
Apparatus for preparing solutions. D. J. Evans. 2,378,134; June 12.
Apparatus for preparing yarn and thread packages for liquid treatment. H. J. McDermott and H. P. Fry, Jr. 2,371,638; Mar. 20.
Apparatus for pressing glass tubing. J. C. Smith. 2,368,169; Jan. 30.
Apparatus for printing lengths of material. L. Morgan and R. M. Johnson. 2,375,237; May 8.
Apparatus for processing cord. G. P. Bosomworth. 2,381,398; Aug. 7.
Apparatus for processing wool and fibrous material. H. S. Drum and A. Hopkins. 2,368,916; Feb. 6.
Apparatus for producing a form of pig iron of low carbon content. A. D. Williams. 2,375,510; May 8.
Apparatus for producing a gel product. H. A. Shabaker. 2,370,200; Feb. 27.
Apparatus for producing alternating currents. H. I. Morris. 2,386,811; Oct. 16.
Apparatus for producing bonded structures. J. F. Harkom 2,370,956; Mar. 6.
Apparatus for producing composition brake lining material in transversely groove strip form. T. L. Gatke 2,380,230; July 10.
Apparatus for producing corrugated tubing. W. Tuttle. 2,372,917; Apr. 3.
Apparatus for producing extended surface tubular members. W. Lonsdale. 2,367,226; Jan. 16.
Apparatus for producing fibrous filters. F. B. Hale and O. I. Gaines. 2,386,792; Oct. 16.
Apparatus for producing fire extinguishing foam. F. J. Hogenmiller. 2,386,464; Oct. 9.
Apparatus for producing intercoupled relatively movable castings. L. H. Morin. 2,388,986; Nov. 13.
Apparatus for producing iron alloy powders. J. Wulff 2,381,023; Aug. 7.
Apparatus for producing magnesium. G. D. Bagley. 2,386,189; Oct. 9.
Apparatus for producing magnesium. L. M. Pidgeon 2,387,677; Oct. 23.
Apparatus for producing magnesium by thermal reduction. L. M. Pidgeon. 2,370,812; Mar. 6.
Apparatus for producing metal bodies. R. K. Hopkins. 2,367,123; Jan. 9.
Apparatus for producing metal bodies. R. K. Hopkins. 2,385,136; Sept. 18.
Apparatus for producing metal bodies. R. K. Hopkins. 2,385,989; Oct. 2.
Apparatus for producing metal powder. J. E. Silvasy and L. Taylor. 2,384,971; Sept. 18.
Apparatus for producing metallic magnesium. W. S. Bowen. 2,377,478; June 5.
Apparatus for producing metallic magnesium. F. J. Hansgirg. 2,383,856; Aug. 28.
Apparatus for producing power. B. L. Rosenstengel. 2,385,943; Oct. 2.
Apparatus for producing radiographs. M. L. B. J. Caspersz. 2,386,658; Oct. 9.
Apparatus for producing smoke. C. L. Herbline. 2,369,568; Feb. 13.
Apparatus for producing solid or hollow pellets. R. R. Smith. 2,275,955; May 15.
Apparatus for producing stayed boxes. M. P. Junkin. 2,388,266; Nov. 6.
Apparatus for producing V-reenforcements. M. Hornstein. 2,382,057; Aug. 14.
Apparatus for producing wound condensers. H. Kappeler. 2,382,065; Aug. 14.
Apparatus for projecting liquid jets. L. G. M. Timpson. 2,390,280; Dec. 4.
Apparatus for providing regulated direct current voltage. H. Fogel. 2,386,548; Oct. 9.
Apparatus for pulping and screening paper-making materials. H. D. Martindale. 2,371,837; Mar. 20.
Apparatus for purifying light metals. R. J. McNitt. 2,390,115; Dec. 4.
Apparatus for raising sunken vessels. G. W. Winkler. 2,372,039; Mar. 20.
Apparatus for reclaiming of used lubricating oils. G. Bottaro. 2,368,836; Feb. 6.
Apparatus for reconditioning ball races on automotive distributors and the like. G. J. Worel. 2,371,570; Mar. 13.
Apparatus for reconditioning drill pipe. J. F. Cailloux and P. M. Rea. 2,373,163; Apr. 10.
Apparatus for recording seismic waves. H. Hoover, Jr. 2,374,204; Apr. 24.
Apparatus for recording temperature. H. W. Russell and C. F. Lucks. 2,377,376; June 5.
Apparatus for recovering waste materials. G. T. Pearce and G. C. Rhodes. 2,386,975; Oct. 16.
Apparatus for rectification. W. Dennis. 2,366,958; Jan. 9.
Apparatus for rectification and voltage increase. A. Bouwers. 2,369,772; Feb. 20.
Apparatus for reducing the expansion of fluids. J. M. D. Grossi. 2,375,646; May 8.
Apparatus for reduction of metallic material. H. A. Brassert and C. F. Ramseyer. 2,389,133; Nov. 20.
Apparatus for refining crude petroleum. L. Carter and J. T. Barrow. 2,379,563; July 3.
Apparatus for refining glass. G. D. Campbell. 2,384,073; Sept. 4.
Apparatus for refining sublimable mtaerial. F. J. Hansgirg. 2,391,156; Dec. 18.
Apparatus for reforming and forming rail end balls. A. E. Hill. 2,375,470; May 8.
Apparatus for refrigeration. J. Farsgo. 2,378,692; June 19.
Apparatus for regenerating contact material. C. E. Hemminger. 2,367,351; Jan. 16.
Apparatus for removing carbonaceous deposits from metals and the like. D. P. Hunter and C. A. Stine. 2,371,394; Mar. 13.
Apparatus for removing corners. B. C. Johnson. 2,377,558; June 5.
Apparatus for removing coverings from elongated articles. W. T. Barrans and E. E. Bayor. 2,376,858; May 29.
Apparatus for removing dust from feathers. O. C. Beardsley. 2,389,715; Nov. 27.
Apparatus for removing individual units. H. F. Taylor and V. A. Nedsvedsky. 2,386,076; Oct. 2.
Apparatus for removing iron dissolved in water. H. L. Bowers. 2,370,772; Mar. 6.
Apparatus for removing moisture from liquid products. J. M. Hall. 2,367,770; Jan. 23.
Apparatus for removing water from paper webs. C. W. Mayer. 2,381,766; Aug. 7.
Apparatus for repairing pneumatic tire casings. J. J. Dettling. 2,391,300; Dec. 18.
Apparatus for retreading tires. H. T. Kraft. 2,370,972; Mar. 6.
Apparatus for roasting coffee and the like. J. S. Thomas. 2,389,650; Nov. 27.
Apparatus for rolling radiator core elements. J. Salzer. 2,378,661; June 19.
Apparatus for rustproofing sheet metal. R. R. Tanner. 2,373,432; Apr. 10.
Apparatus for rustproofing the inside of gasometer bells. F. Maurer and R. Laquay. 2,383,402; Aug. 21.
Apparatus for saponification and extraction. D. S. Binnington. 2,373,646; Apr. 17.

Apparatus for sealing containers. P. E. Fischer. 2,368,817; Feb. 6.
Apparatus for sealing containers. G. A. Moore. 2,390,550; Dec. 11.
Apparatus for sealing containers. R. J. Stewart and L. F. Pahl. 2,369,762; Feb. 20.
Apparatus for sealing glass tubes. W. O. Luertsing. 2,378,146; June 12.
Apparatus for seismic surveying. E. M. Shook and R. W. Olson. 2,369,082; Feb. 6.
Apparatus for selective heating treatment of metal. V. W. Sherman. 2,390,559; Dec. 11.
Apparatus for separating from a gas or liquid medium solid or liquid particles. D. Dalin. 2,386,196; Oct. 9.
Apparatus for separating galvanized articles. E. M. Skipper. 2,366,879; Jan. 9.
Apparatus for separating gases from liquids. L. McCulloch. 2,376,794; May 22.
Apparatus for separating lean meat from fat tissue. C. T. Walter. 2,373,361; Apr. 10.
Apparatus for separating solids from liquids. C. L. Hooker, Jr., and J. W. Staley. 2,378,632; June 19.
Apparatus for separating solids from water. H. Weidner. 2,375,713; May 8.
Apparatus for separating suspended matter from gas. D. W. Bowman. 2,370,444; Feb. 27.
Apparatus for separating wax and oil. E. M. Dons and O. G. Mauro. 2,370,454; Feb. 27.
Apparatus for separating wood flour. H. M. Wall and F. J. Dohrer. 2,367,906; Jan. 23.
Apparatus for serving strands upon articles. S. M. Martin and O. G. Nelson. 2,375,862; May 15.
Apparatus for shaping elliptical glass tubes. J. Dichter. 2,371,881; Mar. 20.
Apparatus for shaping glass articles. H. A. Wexell and A. H. MacLaren. 2,377,534; June 5.
Apparatus for shaping objects by plastic deformation. H. Finsel and H. Maykemper. 2,367,015; Jan. 9.
Apparatus for shaping tubes. E. Blais. 2,375,763; May 15.
Apparatus for sintering. M. L. Cover. 2,375,895; May 15.
Apparatus for smoking and curing foodstuffs. O. F. Gilliam. 2,380,428; July 31.
Apparatus for smoothing thermoplastic coating materials. A. M. Wickwire, Jr. 2,381,942; Aug. 14.
Apparatus for sonic detection. J. R. Steinhoff. 2,376,730; May 22.
Apparatus for sorting articles. R. H. Phinney and N. Perry. 2,369,794; Feb. 20.
Apparatus for sorting granular material according to its moisture content. T. A. Oxley and F. Y. Henderson. 2,382,168; Aug. 14.
Apparatus for spinning frames and the like, Roll cleaning. M. F. Thoma. 2,391,754; Dec. 25.
Apparatus for spinning tubular articles. G. J. Horak. 2,388,545; Nov. 6.
Apparatus for spraying container parts. P. E. Pearson and A. Treff. 2,390,457; Dec. 4.
Apparatus for spreading tubular fabrics. S. and J. Cohn and J. G. Walter. 2,385,402; Sept. 25.
Apparatus for starting discharge lamps. L. W. Cook. 2,379,131; June 26.
Apparatus for storage and utilization of volatile liquids. J. J. Shanley. 2,376,628; May 22.
Apparatus for stretching cordage. W. C. Goggin, L. A. Matheson, and A. W. Hanson. 2,372,627; Mar. 27.
Apparatus for stripping material. B. W. Lereb. 2,366,271; Jan. 2.
Apparatus for supplying a treating medium. G. Ornstein. 2,376,178; May 15.
Apparatus for supplying pressure air to aircraft, vehicles, and boats. M. J. O. Lobelle. 2,377,794; June 5.
Apparatus for supplying water to concrete mixers. C. F. Ball and G. K. Viall. 2,374,970; May 1.
Apparatus for supplying wire from wire supply spools to bending presses. J. S. Burge. 2,391,679; Dec. 25.
Apparatus for surfacing plastic bodies. R. E. Davis. 2,386,843; Oct. 16.
Apparatus for swaging tubular blanks. F. J. Rode and M. R. Hatch. 2,388,643; Nov. 6.
Apparatus for taking pictures of the images produced by electron optic apparatus. H. O. Muller. 2,382,739; Aug. 14.
Apparatus for tempering glass. O. H. Paddock and J. L. Drake. 2,369,368; Feb. 13.
Apparatus for testing bonds in laminated metallic articles. H. Johnson. 2,386,319; Oct. 9.
Apparatus for testing cables and the like. I. Jacoel. 2,389,912; Nov. 27.
Apparatus for testing cans for leaks. J. E. Schmidt. 2,391,351; Dec. 18.
Apparatus for testing coating materials. G. R. Simmons and H. A. Simmons. 2,372,200; Apr. 10.
Apparatus for testing condensers. O. J. Morelock. 2,373,079; Apr. 3.
Apparatus for testing enameled wire. C. B. Leape and G. R. Haywood. 2,372,093; Mar. 20.
Apparatus for testing lubricants. J. D. Morgan and T. Anderson. 2,370,606; Feb. 27.
Apparatus for testing sparking plugs. F. S. Saunders. 2,369,920; Feb. 20.
Apparatus for testing the fire-resistance of materials. E. E. Hubert. 2,391,161; Dec. 18.
Apparatus for testing the foaming characteristics of liquids. H. G. Smith. 2,380,679; July 31.
Apparatus for testing the gas permeability of molded specimens. H. W. Dietert. 2,371,508; Mar. 13.
Apparatus for testing the pitch of gears. D. Ernes. 2,381,975; Aug. 14.
Apparatus for the administration of gaseous mixtures. H. F. Brubach and L. R. Crisp. 2,385,786; Oct. 2.
Apparatus for the animating of pictures and the like. A. Morch. 2,374,371; Apr. 24.
Apparatus for the application of adhesive to webs. O. C. Roesen. 2,379,495; July 3.
Apparatus for the application of prepared adhesive to webs. O. C. Roesen. 2,369,801; Feb. 20.
Apparatus for the chlorination of bast fibers. H. Korte, W. Waibel, and J. Metzger. 2,382,726; Aug. 14.
Apparatus for the continuous production of corrugated glass sheets. L. Boudin. 2,382,379; Aug. 14.
Apparatus for the control of highway crossing gates. P. H. Crago. 2,368,745; Feb. 6.
Apparatus for the control of highway crossing signals. E. M. Allen. 2,370,704; Mar. 6.
Apparatus for the control of highway crossing signals. E. M. Allen. 2,379,209; June 26.
Apparatus for the control of internal-combustion engines. F. B. Halford and P. J. Wallace. 2,383,719; Aug. 28.
Apparatus for the detection and removal of gas or gases. O. T. Francis. 2,373,111; Apr. 10.
Apparatus for the detection or separation of a plurality of gases. O. T. Francis. 2,373,113; Apr. 10.
Apparatus for the disposition of flue dust and the like. T. Thorsten, J. E. Geue, and R. F. Kellogg, Sr. 2,370,207; Feb. 27.
Apparatus for the electrostatic separation of material particles. E. L. Wiegand. 2,382,122; Aug. 14.
Apparatus for the fractional condensation of mixed vapors. F. Todd. 2,387,479; Oct. 23.
Apparatus for the liquid treatment of fibrous material. E. Knight. 2,391,096; Dec. 18.
Apparatus for the liquid treatment of yarn and the like. E. K. Bauer. 2,369,769; Feb. 20.
Apparatus for the longitudinal creping of webs of paper or other sheet material. R. Haas. 2,376,915; May 29.
Apparatus for the manufacture of alloy bodies. R. K. Hopkins. 2,371,294; Mar. 13.
Apparatus for the manufacture of finned structures. L. U. Larkin. 2,379,973; July 10.
Apparatus for the manufacture of helical heat exchange fins. R. W. Shoemaker. 2,370,265; Feb. 27.
Apparatus for the manufacture of high molecular weight polymers. A. D. Green. 2,384,298; Sept. 4.
Apparatus for the manufacture of magnesium oxide. F. Elkington and H. H. Chesny. 2,373,749; Apr. 17.
Apparatus for the manufacture of smokeless powder. B. Troxler. 2,370,271; Feb. 27.
Apparatus for the mechanical loading of beetroots. G. Kittler. 2,378,144; June 12.
Apparatus for the multiplication of images of a body. M. C. De Fonseca. 2,389,843; Nov. 27.
Apparatus for the preparation of textile threads. L. Windschauer. 2,375,971; May 15.
Apparatus for the production of acetylene and carbon black by the pyrolysis of hydrocarbon gases and vapors. W. D. Wilcox. 2,374,252; Apr. 24.
Apparatus for the production of artificial filaments. M. P. Kulp, F. P. Morehead, W. A. Sisson, and W. L. Webb. 2,386,173; Oct. 2.
Apparatus for the production of glass fibers. E. Fletcher and N. J. Leedy. 2,377,772; June 5.
Apparatus for the production of sulphate of ammonia. F. Wethly. 2,387,818; Oct. 30.
Apparatus for the purification of liquids. S. Simkovits. 2,378,737; June 19.
Apparatus for the purification of water. H. L. Dick. 2,389,185; Nov. 20.
Apparatus for the regulation of cooling in internal-combustion engines. W. Ricart. 2,376,939; May 29.
Apparatus for the reversal of color photographic negatives. F. Biedermann. 2,374,916; May 1.
Apparatus for the separation of fluids. J. Blizard. 2,368,632; Feb. 6.
Apparatus for the supply, detection, separation, or determination of the concentration of a gas or gases. O. T. Francis. 2,373,112; Apr. 10.
Apparatus for transmitting voice frequencies over a single grounded line. E. E. York. 2,389,884; Nov. 27.
Apparatus for treating metal articles. V. G. Ullmer. 2,389,702; Nov. 27.
Apparatus for treating petroleum. D. W. Stillwell. 2,389,328; Nov. 20.
Apparatus for the treatment of fruit pomace. E. K. Metzner. 2,387,165; Oct. 16.
Apparatus for the treatment of metal and like articles with liquids or vapors for degreasing. W. F. Jesson. 2,385,860; Oct. 2.
Apparatus for the treatment of waste acid. G. W. Batchelder, R. L. Featherer, and J. E. Hughes. 2,366,309; Jan. 2.
Apparatus for tinning margins of black iron can body blanks. E. Laxo. 2,382,236–7; Aug. 14.
Apparatus for tinning the edges of can body blanks. E. Laxo. 2,384,556; Sept. 11.
Apparatus for training gunners. L. G. Johnson and A. G. Rose. 2,387,153; Oct. 16.
Apparatus for transmitting seismic signals. E. M. Shook and R. W. Olson. 2,369,081; Feb. 6.

Apparatus for treating ammonium sulphate crystals. W. Seymour. 2,391,484; Dec. 25.
Apparatus for treating and coating articles. R. A. Ekstrom, Jr. 2,378,758; June 19.
Apparatus for treating chocolate and similar materials. P. Hollstein. 2,383,387; Aug. 21.
Apparatus for treating eggs. F. B. Lomax. 2,382,492; Aug. 14.
Apparatus for treating evaporated milk. A. R. Thompson. 2,391,203; Dec. 18.
Apparatus for treating fruit. O. S. Sells and H. L. Porch. 2,384,702; Sept. 11.
Apparatus for treating glass. A. Vang. 2,382,187; Aug. 14.
Apparatus for treating impure liquids. D. C. Reybold. Re. 22,652; June 26.
Apparatus for treating liquids. C. D. Thoms. 2,383,522; Aug. 28.
Apparatus for treating pistons. H. P. Phillips. 2,368,377; Jan. 30.
Apparatus for treating thread. C. F. Dulken and H. E. Kresse. 2,368,648; Feb. 6.
Apparatus for treating wells. C. M. Bryant. 2,381,875; Aug. 14.
Apparatus for treating wood and dip treating various articles. R. M. Taber. 2,377,053; May 29.
Apparatus for treating yarn. H. E. Kresse and C. F. Dulken. 2,366,198; Jan. 2.
Apparatus for treatment of nerves and muscles by means of electric impulses. P. Moriand and J. A. Smith. 2,375,575; May 8.
Apparatus for treatment of the feet. De F. B. Catlin. 2,374,730; May 1.
Apparatus for trimming hollow articles. E. I. Perry. 2,366,212; Jan. 2.
Apparatus for trimming pies and the like. F. Bryant. 2,381,644; Aug. 7.
Apparatus for tube expanding. C. A. Maxwell. 2,375,235; May 8.
Apparatus for turning out decorative material. L. J. Wiloff. 2,386,172; Oct. 2.
Apparatus for underground water storage. R. Nebolsine. 2,375,865; May 15.
Apparatus for unwinding yarn. A. J. L. Moritz, J. G. Schoonderwoerd, W. J. D. Van Dobbenburgh, and P. W. Markwood. 2,370,746; Mar. 6.
Apparatus for use in evaluating gas reservoirs. J. P. Sloan. 2,380,082; July 10.
Apparatus for use in teaching and training aviators. E. St. John. 2,369,418; Feb. 13.
Apparatus for use in the manufacture of slide clasp fasteners. B. Meitner. 2,368,316; Jan 30.
Apparatus for use in the tempering of glass. G. White and D. E. Grimes. 2,388,809; Nov. 13.
Apparatus for use in winding threads and the like. M. L. Hudson. 2,377,784; June 5.
Apparatus for utilizing liquefied gases. R. H. Hill. 2,384,677; Sept. 11.
Apparatus for utilizing waste heat. W. E. Grempler. 2,370,656; Mar. 6.
Apparatus for variable heating. F. S. Demneen and W. C. Dunn. 2,382,779; Aug. 14.
Apparatus for varying the angular relation of driven members. R. Heberlein and A. Künzle. 2,385,918; Oct. 2.
Apparatus for vulcanizing articles. H. Blount and F. A. Colclehoff. 2,389,178; Nov. 20.
Apparatus for washing stack gases. W. A. Pearl. 2,367,345; Oct. 23.
Apparatus for weaving insulating materials. W. F. Astley. 2,373,091; Apr. 10.
Apparatus for weighing a stream of varying quantity of material. O. W. Fisher, F. J. White, and H. B. Weatherstone. 2,371,040; Mar. 6.
Apparatus for welding. H. Kershaw. 2,385,710; Sept. 25.
Apparatus for welding stripe or fins to metallic bodies. R. P. Guirl. 2,372,893; Apr. 3.
Apparatus for winding strands particularly for lapping or braiding machines. W. J. L. Wildbore. 2,370,899; Mar. 6.
Apparatus for working articles. C. C. McCain. 2,367,297; Jan. 16.
Apparatus for working metals. J. Kafowi. 2,369,299; Feb. 13.
Apparatus for wrapping articles with strands. S. M. Martin and O. G. Nelson. 2,375,861; May 15.
Apparatus for wrapping elongated articles. C. N. Stover. 2,388,018; Oct. 30.
Apparatus for X-ray analysis. W. L. Bond. 2,383,764; Aug. 28.
Apparatus rendered safe for handling, High potential. E. G. Gage. 2,375,097; May 1.
Apparatus to change the length of corrugated wires. S. G. Blumensaadt. 2,378,058; June 12.
Apparel and fabric therefor, Knitted article of. N. Levin. 2,384,934; Sept. 18.
Apparel, Buoyant. A. Schorovsky. 2,374,506; Apr. 24.
Apparel closure. R. Ellis. 2,389,299; Nov. 20.
Apparel fastener. R. Ellis. 2,389,298; Nov. 20.
Appliance, Domestic. D. K. Ferris. 2,390,577; Dec. 11.
Appliance for aircraft, Demolition. J. K. Wedgworth. 2,386,373; Oct. 9.
Appliance for bending tubing. F. C. Draper. 2,372,063; Mar. 20.
Applicator for facial creams. J. W. Clark. 2,390,921; Dec. 11.
Appliance for machine tapping or screwing operations. H. J. Andrew. 2,374,718; May 1.
Appliance for machine tapping or screwing operations. H. J. Andrew. 2,378,967; June 26.
Appliance, Smoker's. G. D. Pinkett. 2,375,243; May 8.
Appliance, Smoker's. A. Robb. 2,374,307; Apr. 24.
Application of prepared adhesive to webs. O. C. Roesen. 2,369,800; Feb. 20.
Applicator. A. Habostad. 2,381,048; Aug. 7.
Applicator. E. W. Worthington. 2,374,065; Apr. 17.
Applicator, Brush. W. F. Zimmerman. 2,377,837; June 5.
Applicator, Electrically heated. A. Fevas. 2,385,501; Sept. 25.
Applicator, Pressure. J. Marsiani. 2,369,362; Feb. 13.
Applicator, Putty. R. Martines. 2,385,149; Sept. 18.
Applicator, Thermal. A. Hague. 2,387,258; Oct. 23.
Apportioning apparatus. R. E. Bemis. 2,366,379; Jan. 2.
Approach light. J. M. Roper. 2,386,268; Oct. 9.
Apron. B. Berkowitz. 2,377,747; June 5.
Apron. A. S. Gelsinger. 2,366,393; Jan. 2.
Apron and runway, Portable landing gear. E. S. Guignon, Jr. 2,382,789; Aug. 14.
Apron, Long draft. B. R. Billmeyer. 2,377,316; June 5.
Aqueous dispersion. A. Szegvari and A. H. Feikert. 2,373,614–15; Apr. 10.
Aqueous dispersions of reclaimed rubber, Preparing. A. M. Stover. 2,377,052; May 29.
Aqueous emulsion, Polymerization in. F. K. Schoenfeld. 2,380,554; July 31.
Aqueous emulsion, Polymerization in. W. L. Semon. 2,380,551; July 31.
Aqueous emulsion, Polymerization in. W. L. Semon and W. D. Stewart. 2,380,552; July 31.
Aqueous solution of alkali metal hydroxides, Decolorizing. W. T. Nichols. 2,366,546; Jan. 2.
Aqueous solution of vitamin-K-active compounds and manufacturing same, Colorless. K. Warnat. 2,380,621; July 31.
Aqueous soybean protein compositions. H. O. Ware. 2,385,240; Sept. 18.
Arbor chuck. H. R. Feichter. 2,366,778; Jan. 9.
Arbor, Expanding. M. L. and S. S. Benjamin. 2,383,036; Aug. 21.
Arbor, Spline. J. D. Bregin. 2,372,931; Apr. 3.
Arc decreasing circuit. S. B. Williams. 2,386,377; Oct. 9.
Arc device, High pressure enclosed. G. S. Sperti. 2,369,987; Feb. 20.
Arc spot, Extinguishing an. C. G. Smith. 2,373,147; Apr. 10.
Arc time recorder. S. Oestreicher and E. C. Beckelbaum. 2,366,548; Jan. 2.
Arc welding apparatus. E. S. Hebeler. 2,384,618; Sept. 11.
Arc welding apparatus. A. Reeb. 2,373,598; Apr. 10.
Arc welding electrode. A. B. White. 2,370,100; Feb. 20.
Arc welding, Metallic. A. P. Drda. 2,372,261; Mar. 27.
Arc welding system. A. B. White. 2,372,146; Mar. 20.
Arch bar clip. J. E. Laskin. 2,386,124; Oct. 2.
Arch construction. L. Davidson. 2,376,906; May 29.
Arch support. Z. Fried. 2,366,323; Jan. 2.
Archery target butts and machinery therefor, Making. C. A. Saunders. 2,372,856; Apr. 3.
Arm control. Pickup. A. L. Knox and F. Kahl. 2,387,916; Oct. 30.
Arm control, Pickup. J. D. Weaver. 2,376,741; May 22.
Arm for oxy-acetylene cutting machines, Torch supporting. J. Bucko. 2,391,008; Dec. 18.
Arm shield for garments, Detachable. J. Hamlin. 2,369,229; Feb. 13.
Armament, Aircraft. C. H. Miller and C. H. A. Hartley. 2,373,904; Apr. 17.
Armature coils, Taping. R. L. Barry. 2,367,086; Jan. 9.
Armature construction for dynamo-electric machines. F. R. J. Davis. 2,387,885; Oct. 30.
Armature, Motor. F. P. Forss. 2,381,533; Aug. 7.
Armor. H. W. Sheridan. 2,391,353; Dec. 18.
Armor device, Portable protective. E. J. Wallace. 2,370,596; Feb. 27.
Armor plate, Carburizing thin gauge. A. L. Abbott, L. F. Spencer, and A. Lichtenstein. 2,373,369; Apr. 10.
Armor plate quenching. C. E. Sorensen, R. H. McCarroll and N. E. Rothenthaler. 2,378,044; June 12.
Armor, Protective. H. C. Bierman. 2,384,594; Sept. 11.
Armored car. A. Davis, Jr. 2,382,862; Aug. 14.
Armored conductor structure. O. B. Rasmussen. 2,391,036; Dec. 18.
Armored conductor structure. I. C. Shafer, Jr. 2,391,037; Dec. 18.
Armored loom shuttle. H. A. Davis. 2,371,032; Mar. 6.
Armors, Making layered. P. Schwarzkopf. 2,372,607; Mar. 27.
Aromatic amine-n-pentapyranosides and the manufacture of the same. J. Lee, U. V. Solmssen, and L. Berger. 2,384,102; Sept. 4.
Aromatic amines, Preparation of new derivatives of. G. Etzel. 2,377,682; June 5.
Aromatic compounds, Alkylation. F. H. Bruner, L. A. Clarke, and R. L. Sawyer. 2,376,119; May 15.

Aromatic compounds, Alkylation of. R. E. Schaad. 2,386,982; Oct. 16.
Aromatic compounds, Alkylation of. L. Schmerling. 2,385,303; Sept. 18.
Aromatic compounds, Manufacture of. A. W. Francis and C. H. Schlesman. 2,371,163; Mar. 13.
Aromatic compounds, Oxidation of. R. A. Harman. 2,382,148; Aug. 14.
Aromatic compounds, Stabilized. D. Curtis. 2,391,552; Dec. 25.
Aromatic compounds, Treatment of. R. E. Schaad. 2,382,260; Aug. 14.
Aromatic constituents, Alkylating. C. N. Kimberlin, Jr. 2,373,031; Apr. 3.
Aromatic diazo compounds and derivatives thereof, Therapeutically active. E. A. H. Friedheim. 2,388,260; Nov. 6.
Aromatic distillates, Refining. F. T. Wadsworth. 2,380,561; July 31.
Aromatic hydrocarbons, Producing. N. F. Linn and C. O. Tongberg. 2,380,853; July 31.
Aromatic hydrocarbons, Production of. K. C. Edson and F. E. Fisher. 2,380,035; July 10.
Aromatic hydrocarbons, Production of alkyl. W. J. Mattox. 2,381,175; Aug. 7.
Aromatic ketones, Production of. L. Schmerling and V. N. Ipatieff. 2,386,007; Oct. 2.
Aromatics, Production of. A. B. Welty, Jr. 2,380,279; July 10.
Aroylaminonitrodiphenylamine. C. S. Argyle. 2,388,663; Nov. 13.
Arrangement for avoiding errors in measurement due to one-sided heating of the cases of optical instruments. M. Manrer. 2,376,710; May 22.
Arrangement for protecting circuit breakers. M. Zühlke 2,375,609; May 8.
Arrangement, Web-feeding. C. E. Wyrick. 2,389,834; Nov. 27.
Arrestor, Lightning. B. Schlesinger. 2,386,720; Oct. 9.
Arrestor, Spark and flame. E. L. Moran. 2,376,933; May 29.
Arrowhead. J. C. Trittin and J. Orlando. 2,370,270; Feb. 27.
Arrowhead. C. J. Zwickey. 2,373,216; Apr. 10.
Arsenates by anodic oxidation of salts of arsenious acid, Preparing. L. Löwenstein. 2,375,933; May 15.
Arsenic chloride, Making. C. F. Booth. 2,383,105; Aug. 21.
Arterial embalming method and arterial embalming fluid. D. H. Williams. 2,380,351; July 10.
Article aligning device. K. J. Yost. 2,373,623; Apr. 10.
Article and making same, Composite. T. R. Griffith. 2,366,895; Jan. 9.
Article and production thereof, Coated. W. S. Taylor. 2,373,278; Apr. 10.
Article assembling apparatus. E. E. Mellstrup. 2,384,560; Sept. 11.
Article attaching machine. F. A. Reece. 2,377,293; May 29.
Article, Buoyant. J. B. Newhardt. 2,391,475; Dec. 25.
Article coating apparatus. E. J. Shaw. 2,387,094; Oct. 16.
Article conveying and uprighting apparatus. L. Hermani. 2,371,888; Mar. 20.
Article conveying apparatus. J. Hohl. 2,379,713; July 3.
Article conveying mechanism. J. P. Benoit. 2,381,798; Aug. 7.
Article dispensing device. L. Steiner and P. Settecasi. 2,379,501; July 3.
Article feeding apparatus. B. Edelman and A. L. Pizzi. 2,377,409; June 5.
Article for cleaning. R. K. and H. L. Stults. 2,370,088; Feb. 20.
Article for neckwear. W. H. Logan. 2,377,019; May 29.
Article formed of impact resistant rubber. E. R. Laning. 2,367,786; Jan. 23.
Article forming apparatus. A. J. Smith. 2,388,876; Nov. 13.
Article forming machine. N. M. Olney. 2,389,738; Nov. 27.
Article forming method. M. Carter. 2,367,819; Jan. 23.
Article handling and leakage testing apparatus. R. E. Costa. 2,371,128; Mar. 13.
Article handling apparatus. J. A. Decker and D. P. Wilkes. 2,382,863; Aug. 14.
Article handling apparatus. W. J. Fedorchak. 2,371,748; Mar. 20.
Article handling apparatus. J. T. Kane. 2,367,505; Jan. 16.
Article handling apparatus. W. W. Loney. 2,387,160; Oct. 16.
Article handling apparatus. H. H. Merwin. 2,388,005; Oct. 30.
Article handling apparatus. J. C. Morison. 2,371,063; Mar. 6.
Article handling apparatus. R. P. Wood. 2,375,720; May 8.
Article handling device. E. H. Butler. 2,379,622; July 3.
Article handling machine. E. E. Lakso. 2,377,431; June 5.
Article holder. N. G. Bacheldor. 2,379,060; June 26.
Article inspection method and machine. J. B. Whitmore, W. Makenny, and F. A. Newcombe. 2,389,287; Nov. 20.
Article of footwear, Sacculated. E. F. Allen. 2,390,287; Dec. 4.
Article of headdress. M. G. Rosenthal. 2,372,911; Apr. 3.
Article of manufacture. E. A. Westerberg. 2,390,906; Dec. 11.
Article of manufacture and making the same. B. F. Conner. 2,372,177; Mar. 27.
Article of wearing apparel, Depilatory. J. P. Duane. 2,372,664; Apr. 3.
Article removing apparatus, Thin. J. R. Gammeter. 2,371,818; Mar. 20.
Article supporting device. R. C. Kivley and A. Pearson. 2,382,233; Aug. 14.
Article transferring apparatus. R. J. Engler. 2,390,242; Dec. 4.
Article treating machine. E. R. Zademach. 2,389,337; Nov. 20.
Article treating means. E. Roy Alling and C. F. Ulrich. 2,374,260; Apr. 24.
Article working apparatus. E. Sirp and J. S. Stull. 2,388,621; Nov. 6.
Articles, Annealing. C. O. Haase. 2,369,565; Feb. 13.
Articles, Coating. R. A. Hinkley and J. L. Miller. 2,374,288; Apr. 24.
Articles for use at low temperatures. R. Franks. 2,378,992; June 26.
Articles formed from paper impregnated with polymerised material. E. C. Lee. 2,389,733; Nov. 27.
Articles from liquid dispersions, Manufacture of. E. E. Habib and G. E. Gott. 2,378,700–2; June 19.
Articles from preformed parts, Method and apparatus for manufacturing. W. H. Joyce, Jr. 2,377,631; June 5.
Articles, Making composite. T. R. Griffith. 2,366,896; Jan. 9.
Articles, Making flame-coloring. H. P. Starner. 2,373,512; Apr. 10.
Articles, Making metallic. J. A. Merryman and E. M. Wharff, Jr. 2,390,805; Dec. 11.
Articles, Method of and apparatus for making. G. R. Brown. 2,380,722; July 31.
Articles, Treating. W. H. Wilcox. 2,386,828; Oct. 16.
Articulated car. E. R. Schroeder and V. Willoughby. 2,373,348; Apr. 10.
Articulated frame. L. Tarlitz. 2,367,071; Jan. 9.
Articulator, Denture. W. C. Whittemore. 2,389,101; Nov. 13.
Articulator, Hinge-axis. T. A. Bodine. 2,371,795; Mar. 20.
Artificial bait. A. W. Goddard and A. A. Hallett. 2,384,993; Sept. 18.
Artificial materials, Treatment of. R. W. Moncrieff and H. Bates. 2,368,154; Jan. 30.
Artificial threads, filaments, and the like, Manufacture and production of. R. L. Wormell and C. L. Knight. 2,385,674; Sept. 25.
Artificial tooth. L. L. Poston. 2,373,337; Apr. 10.
Artificial tooth. J. A. Saffir. 2,380,468; July 31.
Arylacetonitrile derivatives, Manufacture of. F. Bergel, N. C. Hindley, A. L. Morrison, and H. Rinderknecht. 2,382,285; Aug. 14.
Aryl alkenes, Manufacture of. G. Egloff. 2,377,074; May 29.
Arylamides, Alkylating. J. B. Dickey and J. G. McNally. 2,391,139; Dec. 18.
Arylamino compounds. J. B. Dickey and J. G. McNally. 2,374,807; May 1.
Arylazoaroylguanylureas and their salts. J. T. Thurston. 2,387,073; Jan. 9.
Arylene diamine compounds. J. B. Dickey and J. G. McNally. 2,374,337; Apr. 24.
Aryloxydihydronorpolycyclopentadienes. H. A. Bruson. 2,385,787; Oct. 2.
Asbestos board. C. R. Hutchcroft. 2,376,919; May 29.
Asbestos-cement, Continuous method of manufacturing. C. W. Cuno. 2,367,844; Jan. 23.
Asbestos fiber from associated solids, Separation of. J. S. Sconce. 2,381,369; Aug. 7.
Asbestos, Fiberizing. W. J. Joyce, Jr. 2,386,401; Oct. 9.
Asbestos papers with gel binders, Forming. R. G. Quinn. 2,373,914; Apr. 17.
Asbestos processing. L. C. Pharo. 2,386,715; Oct. 9.
Asbestos separating. L. C. Pharo. 2,386,714; Oct. 9.
Asbestos treatment. L. C. Pharo. 2,386,713; Oct. 9.
Ashpan, Fireplace. M. J. Best. 2,377,665; June 5.
Ash tray holder. R. C. Knilling. 2,377,560; June 5.
Asparagus or the like, Method and apparatus for preparing. A. R. Thompson and R. D. Fox. 2,383,228; Aug. 21.
Asphalt composition. A. P. Anderson and F. H. Stross. 2,370,386; Feb. 27.
Asphalt composition. J. S. Miller and J. L. Present. 2,376,797; May 22.
Asphalt compositions, Stabilizing. T. E. Reamer. 2,370,994; Mar. 6.
Asphalt, Oxidizing. D. E. Carr. 2,370,007; Feb. 20.
Asphalt, Treating. S. Caplan. 2,383,769; Aug. 28.
Asphaltic composition and making the same. S. S. Sorem. 2,366,657; Jan. 2.
Asphaltic compound. A. P. Lentz. 2,375,117; May 1.

Asphaltic material, Reclaiming waste. K. G. and C. E. Minge. 2,368,371; Jan. 30.
Asphalts, Adhesivity of. A. Holmes. 2,375,653; May 8.
Aspirator pump. J. J. Madine, Sr. 2,366,277; Jan. 2.
Assemblage and package, String binder. H. W. Gordon. 2,382,143; Aug. 14.
Assembled screw and lock washer. C. G. Olson. 2,365,869; Jan. 9.
Assembling apparatus. R. B. Kling and G. A. Seeley. 2,374,358; Apr. 24.
Assembly of beams and a construction for the connection thereof with parts of a warp knitting machine. F. Lambach. 2,376,364; May 22.
Astringent preparations. H. L. Wampner. 2,368,075; Jan. 23.
Astronomical device. J. C. Lafferty. 2,382,643; Aug. 14.
Astronomical instrument. R. K. Annis. 2,366,470; Jan. 2.
Asymmetric quartenary ester-salts of morpholine. J. B. and V. Niederl, and M. McGreal. 2,380,325; July 10.
Athlete training apparatus. L. A. Spearman. 2,390,336; Dec. 4.
Atomization process. R. Lepsoe. 2,371,105; Mar. 6.
Atomizer. A. H. Bahnson, Jr. 2,382,124; Aug. 14.
Atomizer. H. G. Davis. 2,375,215; May 8.
Atomizer. M. L. Goldbert. 2,385,807–8; Oct. 2.
Atomizer. E. H. Peabody. 2,373,707; Apr. 17.
Atomizer and diffuser, Liquid. V. A. Trier. 2,382,681; Aug. 14.
Atomizer, Fluid. L. Koolstra. 2,372,283; Mar. 27.
Atomizer for liquid under pressure. G. B. Holtzclaw. 2,384,679; Sept. 11.
Atomizer, Fuel. H. S. Jackson. 2,391,422; Dec. 25.
Atomizer, Fuel. G. K. Wilson. 2,374,517; Apr. 24.
Atomizer, Plastic. G. B. Robinson. 2,381,558; Aug. 7.
Atomizing apparatus. M. E. Callander. 2,387,118; Oct. 16.
Atomizing device, Variable capacity. A. P. Saha. 2,374,041; Apr. 17.
Attached filler cap. R. E. Larson. 2,385,364; Sept. 25.
Attaching a threaded member to a body. R. D. Zimmerman. 2,370,603; Feb. 27.
Attaching device. R. A. Boersma. 2,367,657; Jan. 23.
Attaching device, Branch pipe. J. Mercier. 2,385,017; Sept. 18.
Attaching device, Propeller spinner. A. C. Chester and A. P. Clausen. 2,371,801; Mar. 20.
Attaching means for ear and like ornaments, Safety. E. Bazner. 2,389,481; Nov. 20.
Attaching means for sheaves, etc. D. Firth. 2,390,875; Dec. 11.
Attaching trapeze horizontal bars and exercising rings. J. L. Ensor. 2,368,459; Jan. 30.
Attachment for crutches or canes, Nonskid. F. J. Schroeder. 2,376,282; May 15.
Attachment for curtain rods. R. Baumann. 2,378,970; June 26.
Attachment for domestic cooking ranges, Barbecuing. J. F. Hennessy. 2,391,571; Dec. 25.
Attachment for exhaust pipes. R. D. May. 2,376,550; May 22.
Attachment for flush tanks. E. B. Green. 2,388,480; Nov. 6.
Attachment for hand trucks. P. G. Gilbert. 2,382,989; Aug. 21.
Attachment for holding articles. J. Rapalexis and O. W. Johnson. 2,369,978; Feb. 20.
Attachment for internal-combustion engines. W. J. Bliffert. 2,377,852; June 12.
Attachment for ironing boards. A. Montalbano. 2,388,492; Nov. 6.
Attachment for lathes, Milling. P. Hellman. 2,386,461; Oct. 9.
Attachment for lathes, Taper cutting. D. O. Truba and E. T. Liller. 2,390,627; Dec. 11.
Attachment for looms. E. Forges. 2,368,820; Feb. 6.
Attachment for making plug bricks. J. B. Blewett. 2,369,101; Feb. 6.
Attachment for milling machines and the like. N. A. Johnson. 2,372,000; Mar. 20.
Attachment for mimeograph machines. J. A. Elliott, Jr. 2,365,124; Jan. 30.
Attachment for musical string instruments. T. F. Goodwin. 2,380,689; July 31.
Attachment for nail files, Nail cleaning. R. C. McRoberts. 2,390,381; Dec. 4.
Attachment for paper-cutting machines. J. R. Brougher. 2,382,129; Aug. 14.
Attachment for parachute harness, Quick release. C. E. Ashton. 2,369,203; Feb. 13.
Attachment for picture projecting apparatus. G. E. Hamilton. 2,387,441; Oct. 23.
Attachment for presses, Safety. J. E. Skoog. 2,383,221; Aug. 21.
Attachment for safety razors. W. E. Curry. 2,366,599; Jan. 2.
Attachment for scissors or shears. E. Rose. 2,380,075; July 10.
Attachment for screen leaf springs. J. L. Rapp. 2,378,499; June 19.
Attachment for screw machines. S. P. De Mato. 2,384,895; Sept. 18.
Attachment for sewing machines. C. J. Davies. 2,387,649; Oct. 23.
Attachment for sewing machines. C. Seaman. 2,378,731; June 19.
Attachment for sheet metal forming and working machines. F. Czaplewski. 2,374,852; May 1.
Attachment for sport or similar shoes. R. H. Lawrence. 2,372,501; Mar. 27.
Attachment for test indicators. H. G. Whitmore. 2,384,058; Sept. 4.
Attachment for the steam heat conduit connections of railroad cars. W. E. Fronk. 2,369,888; Feb. 20.
Attachment for tobacco transplanters and the like. F. L. Cox. 2,372,474; Mar. 27.
Attachment for torch burning machines. C. R. Burton. 2,368,967; Feb. 6.
Attachment for tractors, Cultivator. A. Alderman. 2,390,767; Dec. 11.
Attachment for tractors, Dump scoop. F. B. Arps. 2,390,040; Dec. 4.
Attachment for typewriting machines. A. W. Boyd. 2,389,408; Nov. 20.
Attachment for typewriting machines. P. Hegnauer. 2,387,068; Oct. 16.
Attachment joint. G. N. Cole. 2,380,684; July 31.
Attenuation equalizer. W. R. Lundry. 2,374,872; May 1.
Attenuator. J. T. Goode. 2,388,049; Oct. 30.
Attenuator. H. W. Koren. 2,390,840; Dec. 11.
Attenuator, Adjustable. S. Krasik. 2,376,785; May 22.
Attractor and destroyer, Insect. M. F. Miller. 2,384,190; Sept. 4.
Audible signal. H. M. Cameron. 2,375,281; May 8.
Audible stall indicator. W. J. Trott. 2,386,992; Oct. 16.
Audio amplifier system and method, Variable gain. E. L. Haynes. 2,379,484; July 3.
Audio-frequency amplifier. R. F. Shea and C. R. Miner. 2,366,565; Jan. 2.
Audio frequency compensator circuit. J. L. Hathaway. 2,379,707; July 3.
Audiphone. Bone conduction. H. Koch. Re. 22,658; Aug. 7.
Audiphone receiver. S. F. Lybarger. 2,375,010; May 1.
Autocollimating device. W. S. Brian. 2,385,495; Sept. 25.
Automatic adjusting arrangement for electrical networks. A. C. Corner. 2,384,727; Sept. 11.
Automatic antiskam check valve. N. J. Ulfsby and A. C. Jensen. 2,390,015; Nov. 27.
Automatic apron fed hopper scale for bulk materials. A. J. Stock. 2,372,746; Apr. 3.
Automatic article selecting system and apparatus. B. J. Goldsmith. 2,374,537; Apr. 24.
Automatic battery charging system. S. A. Johnston. 2,390,151; Dec. 4.
Automatic blanking press device. R. O'Leary. 2,377,262; May 29.
Automatic change speed drive for pottery ware jigging apparatus. W. J. Miller. 2,389,629; Nov. 27.
Automatic circuit breaker. F. G. Von Hoorn. 2,367,631; Jan. 16.
Automatic compressor regulator. J. R. Frants. 2,380,226; July 10.
Automatic control. C. F. Kettering and A. W. Fischer. 2,377,698; June 5.
Automatic control device for electric contacts. W. L. Stubbins. 2,379,197; June 26.
Automatic control equipment. H. Bany. 2,390,345; Dec. 4.
Automatic control for electroplating service. T. R. and E. F. Freitag. 2,370,621; Mar. 6.
Automatic control for firearms. C. F. Mullen. 2,391,473; Dec. 25.
Automatic control for internal-combustion engines. D. P. Kearney. 2,387,911; Oct. 30.
Automatic control for punch presses. M. Sekella. 2,371,358; Mar. 13.
Automatic control means. L. A. Maxson. 2,380,457; July 31.
Automatic control system. A. B. Newton. 2,387,604; Oct. 23.
Automatic control system for aircraft. A. P. Glenny. 2,371,388; Mar. 13.
Automatic crank shaft grinding and polishing machine. E. A. Fuglie and H. J. Anderson. 2,391,406; Dec. 25.
Automatic device for stitching hat brims. M. Schloss. 2,389,388; Nov. 20.
Automatic dishwashers, Rinsing head for. G. J. Federighi. 2,388,258; Nov. 6.
Automatic display apparatus. O. R. Cornutt. 2,387,121; Oct. 16.
Automatic door lock. J. A. Burgard. 2,369,713; Feb. 20.
Automatic drain valve. C. C. Farmer. 2,383,244; Aug. 21.
Automatic drilling machine. L. Robbins. 2,389,743; Nov. 27.
Automatic electrical air cleaner. V. Dahlman. 2,383,112; Aug. 21.
Automatic electrical water heater. F. L. White. 2,371,723; Mar. 20.
Automatic electronic load holder. J. Sivertsen. 2,373,788; Apr. 17.
Automatic filling device for batteries. H. C. Shotwell and R. F. Goff. 2,384,970; Sept. 18.
Automatic firearm. H. J. Lippert. 2,370,363; Feb. 27.
Automatic fish lock. H. Barr. 2,381,100; Aug. 7.
Automatic flap control. M. Watter. 2,386,521; Oct. 9.

Automatic frequency control apparatus. L. F. Mayle. 2,389,992; Nov. 27.
Automatic gain control. Augmented. W. I. Matthews. 2,389,919; Nov. 27.
Automatic golf ball teeing device. L. Gale. 2,390,998; Dec. 18.
Automatic grip for lifesaving devices. J. Frankel. 2,386,849; Oct. 16.
Automatic gun. J. Dobřemysl. 2,389,960; Nov. 27.
Automatic guns, Speed regulator for. S. G. Green. 2,382,411; Aug. 14.
Automatic ice freezing unit and method. G. L. Pownall. 2,385,539; Sept. 25.
Automatic infeed and ejecting attachment for grinding machines. J. E. Heckethorn, A. B. Bourg, and E. J. Leonard. 2,379,961; July 10.
Automatic inflation equipment. H. E. Helgis. 2,374,200; Apr. 24.
Automatic ironing machine. A. H. Gerhardt and T. C. Maher. 2,372,775; Apr. 3.
Automatic lathe. W. F. Groene and A. W. Aufderhar. 2,379,147; June 26.
Automatic length adjuster. F. D. Peters. 2,390,324; Dec. 4.
Automatic loading machine. A. A. Campbell. 2,388,250; Nov. 6.
Automatic lock gate. C. Arne. 2,375,739; May 8.
Automatic locking jack. J. Mercier. 2,373,773; Apr. 17.
Automatic magazine feed solid fuel heater. W. T. Bradbury, C. E. Chesser, and H. F. Lieber. 2,382,287; Aug. 14.
Automatic molding press. W. Strauss. 2,371,195; Mar. 13.
Automatic nozzle. R. T. Killman. 2,388,852; Nov. 13.
Automatic parachute delivery mechanism for aircraft. H. P. Trusty. 2,390,230; Dec. 4.
Automatic pattern controlled machine tool. H. P. Kuehni and N. G. Branson. 2,388,555; Nov. 6.
Automatic phonograph control mechanism. J. H. Pressley. 2,370,875; Mar. 6.
Automatic photoprinting device. A. Schade and J. Horn. 2,371,926; Mar. 20.
Automatic position locator. J. A. Ebeling. 2,366,772; Jan. 9.
Automatic press system for forming resinous disks. C. V. Smith. 2,373,201; Apr. 10.
Automatic pressure controls for low temperature, low-pressure, fractionating columns. D. R. Douslin. 2,388,312; Nov. 6.
Automatic pump selector valve. H. E. Rose. 2,387,531; Oct. 23.
Automatic reclosing circuit breaker. J. B. MacNeill, A. J. A. Peterson, and W. T. Parker. 2,385,013; Sept. 18.
Automatic reclosing circuit breaker system. W. A. Derr. 2,374,001; Apr. 17.
Automatic record changing apparatus. F. Kahl and O. C. Booher. 2,384,682; Sept. 11.
Automatic recording system. H. O. Peterson. 2,385,641; Sept. 25.
Automatic rectifying device. E. H. Haug. 2,383,722; Aug. 28.
Automatic regulator. C. S. J. MacNeil, J. F. Haines, T. B. Martin, and K. L. Berninger. 2,379,537; July 3.
Automatic release aerial delivery container. F. G. Manson and J. J Maskey. 2,371,640; Mar. 20.
Automatic screw machine. P. E. Chatelain. 2,376,476; May 22.
Automatic sculling oar lock. G. C. Hosack. 2,382,721; Aug. 14.
Automatic silk-titre regulating device. A. Tasso. 2,378,595; June 19.
Automatic speed limiting device for hydraulic turbine rotors. P. W. Seewer. 2,382,108; Aug. 14.
Automatic stabilizing system for vehicles. G. D. Eddington. 2,387,249; Oct. 23.
Automatic steering device. G. C. Saul, W. G. Harding, and R. H. Nisbet. 2,373,144; Apr. 10.
Automatic stitching device. M. Schloss. 2,373,784; Apr. 17.
Automatic suction relief valve and audible signal for tank car segregators. D. Samiran. 2,385,844; Oct. 2.
Automatic switching system. B. D. Willis. 2,388,810; Nov. 13.
Automatic tapping and threading machine. J. Rosenthal. 2,389,998; Nov. 27.
Automatic toll ticketing system. M. B. McDavitt. 2,369,062; Feb. 6.
Automatic tool block. S. L. Casella. 2,390,989; Dec. 18.
Automatic transmission. H. Gruenhagen. 2,378,549; June 19.
Automatic transmission. C. W. Lanphere. 2,389,808; July 3.
Automatic transmission. F. W. Seybold. 2,391,648; Dec. 25.
Automatic transmission. B. A. Swennes. 2,371,574; Mar. 13.
Automatic tuning. F. A. Polkinghorn. 2,375,133; May 1.
Automatic tuning apparatus. R. W. May. 2,391,470; Dec. 25.
Automatic tuning control circuit. J. F. Chandler. 2,382,203; Aug. 14.
Automatic tuning-in of wireless receiving sets to desired broadcasting stations. G. Soffietti. 2,388,581; Nov. 6.
Automatic valve. F. Hauser. 2,368,832; Feb. 6.
Automatic valve. R. H. Lacart, R. H. Gilbert, and H. L. Beekley. 2,388,696; Nov. 13.
Automatic valve. J. F. Molloy. 2,372,729; Apr. 3.
Automatic voltage regulator. J. L. Hathaway. 2,383,309; Aug. 21.
Automatic volume control circuit. F. J. Faltico. 2,373,180; Apr. 10.
Automatic washers, Floating supporting structures for. P. E. Geldhof and L. Ringer. 2,390,213; Dec. 4.
Automatic water-flow control for air compressors. R. O. Monroe and W. F. Clayton. 2,371,345; Mar. 13.
Automatic welt turning mechanism of straight-bar knitting machines. H. W. Start and E. Start. 2,371,932; Mar. 20.
Automatic work feeding attachment for drill presses. O. C. Kavle. 2,380,314; July 10.
Automobile alarm. F. D. O'Toole. 2,369,977; Feb. 20.
Automobile control. G. M. Gary. 2,385,982; Oct. 2.
Automobile cover. T. Daniel. 2,366,600; Jan. 2.
Automobile door window mechanism. D. L. Chandler. 2,390,690; Dec. 11.
Automobile exhaust extension, Manufacturing. L. A. Koch. 2,370,737; Mar. 6.
Automobile heater. H. J. D. McCollum. 2,373,766; Apr. 17.
Automobile jack. E. López. 2,383,661; Aug. 28.
Automobile jack. C. G. MaKrenos. 2,366,418; Jan. 2.
Automobile jack. J. J. Mueller. 2,370,681; Mar. 6.
Automobile license stamp holder. R. J. Kopp. 2,368,991; Feb. 6.
Automobile trunk loading device. L. B. Heller. 2,391,310; Dec. 18.
Automobile wheel lock. F. W. Crew. 2,377,542; June 5.
Automobile window screen. F. Kolarik. 2,388,747; Nov. 13.
Automotive driving axle construction. E. G. Boden. 2,389,484; Nov. 20.
Automotive gearshift indicator. F. B. Howell. 2,375,654; May 8.
Automotive suspension. R. H. Phelps. 2,372,849; Apr. 3.
Automotive trim. J. R. Millar. 2,384,951; Sept. 18.
Automotive vehicle. H. A. King. 2,390,260; Dec. 4.
Automotive vehicle. W. F. Rockwell and B. W. Keese. 2,384,781–2; Sept. 11.
Automotive vehicle wheel. C. S. Ash. 2,369,202; Feb. 13.
Auto radiators, Method of and device for cleaning. L. Glickman. 2,387,324; Oct. 23.
Auto trailer brake. L. G. Miller. 2,388,336; Nov. 6.
Auxiliary armor mounting. Q. Berg. 2,380,393; July 31.
Auxiliary autogyro means. A. C. Peterson. 2,385,464; Sept. 25.
Auxiliary electrode support. I. Hakki. 2,385,440; Sept. 25.
Auxiliary hot air heater. J. Buckley. 2,378,181; June 12.
Auxiliary mechanism for air-brake systems, Manually-operable. J. W. White. 2,391,664; Dec. 25.
Auxiliary spring mounting. B. H. Canady. 2,384,795; Sept. 18.
Auxiliary unit for beverage brewers. H. B. Wolper. 2,372,872; Apr. 3.
Aviation oil cooler. F. M. Young. 2,378,352; June 12.
Aviator's suit and helmet and means for controlling gas pressure and oxygen delivery therein, Sealed. J. D. Akerman, W. M. Boothby, A. H. Bulbulian, and W. R. Lovelace, II. 2,390,233; Dec. 4.
Awning. F. G. Dueweke. 2,380,928; Aug. 7.
Awning and operating means therefor. W. F. Graham. 2,378,139; June 12.
Awning, Cool shade. A. C. Ferguson. 2,389,970; Nov. 27.
Awning, Metallic. A. C. Ferguson. 2,383,639; Aug. 28.
Awning or shade, Pivotal. C. O. Larson. 2,373,574; Apr. 10.
Axial flow compressor. A. P. E. Planiol. 2,371,706; Mar. 20.
Axle assembly, Extensible. R. G. Le Tourneau. 2,385,416; Sept. 25.
Axle construction, Driving. R. F. Thornton. 2,386,917; Oct. 16.
Axle, Drive. L. R. Buckendale. 2,389,137; Nov. 20.
Axle, Drive. L. R. Buckendale, N. R. Brownyer, and B. W. Keese. 2,383,954; Sept. 4.
Axle guiding arrangement. M. Wagner and W. Laukhuff. 2,369,501; Feb. 13.
Axle housings, Forming rear. C. L. Dewey. 2,370,641; Mar. 6.
Axle spindles, Making. C. L. Wilber. 2,368,695; Feb. 6.
Axle, Tandem drive. G. D. Simonds. 2,381,624; Aug. 7.
Axle unit, Driving. J. D. Rauch. 2,377,574; June 5.
Axle, Vehicle. C. S. Ash. 2,389,712; Nov. 27.
Axle, Vehicle. R. A Bradley. 2,370,773; Mar. 6.
Azeotropic distillation. W. J. Bloomer. 2,380,019; July 10.
Azeotropic distillation. W. J. Bloomer. 2,381,996; Aug. 14.
Azeotropic distillation of hydrocarbon oils. K. H. Engel. 2,376,870; May 29.
Azeotropic distillation, Purification of hydrocarbons by. H. M. Spiers. 2,386,755; Oct. 16.
Azeotropic mixtures of chlorosilanes, Resolution of. R. O. Sauer. 2,381,139; Aug. 7.

Azo compounds. J. G. McNally and J. B. Dickey. 2,374,407; Apr. 10.
Azo compounds and material colored therewith. J. B. Dickey and J. G. McNally. 2,386,599; Oct. 9.
Azo compounds and material colored therewith. J. G. McNally and J. B. Dickey. 2,373,700; Apr. 17.
Azo compounds and material colored therewith. J. G. McNally and J. B. Dickey. 2,375,804; May 15.
Azo dyes, Nitro sulphate. F. Felix and W. Zurcher. 2,387,987; Oct. 30.
Azo dyestuff derivatives of amino-benzo-p-dioxans. R. C. Conn. 2,379,684; July 3.
Azo dyestuff derivatives of 6-amino 1,3 benzodioxan. H. Z. Lecher, J. P. Goulding, and R. P. Parker. 2,379,725; July 3.
Azo-dyestuffs from 5-amino coumaran. H. Z. Lecher, R. H. Parker, and R. S. Long. 2,383,264; Aug. 21.
Azo dyestuffs, Metallized. R. S. Long. 2,366,633; Jan. 2.
Azo dyestuffs, Purification of. W. W. Williams. 2,374,063; Apr. 17.
Azo dyestuffs, Purification of. W. W. Williams. Re. 22,705; Dec. 25.
Azo dyestuffs, Substantive. E. Keller. 2,390,152; Dec. 4.
Azo intermediates. C. J. Harrington. 2,366,616; Jan. 2.
Azo-methine compounds, Manufacture of. T. L. Cantrell and J. G. Peters. 2,388,903; Nov. 13.
Azo pigments. H. E. Woodward. 2,374,064; Apr. 17.
Azo triazoles, Metallized. B. L. West. 2,390,480; Dec. 4.
Babbitting. S. Adels. 2,381,797; Aug. 7.
Babbitting appliance. J. L. Morris. 2,375,939; May 15
Baby's bath chair. E. A. Corbett. 2,379,340; June 26.
Baby's bottle holder. G. W. Prosser. 2,390,737; Dec. 11.
Back lash take-up. T. W. Feeney. 2,389,035; Nov. 13.
Back-off apparatus. H. Egleston. 2,379,287; June 26.
Backpart forming machine. E. B. Davis. 2,388,726; Nov. 13.
Back rest for beds. B. E. Rogerson. 2,387,357; Oct. 23.
Back rest for divan-bed combination, Demountable. J. R. McKay. 2,368,938; Feb. 6.
Back siphonage prevention valve. C. E. Ellis. 2,372,940; Apr. 3.
Backstop for conveyers, elevators, etc., Differential. P. A. Smith. 2,383,276; Aug. 21.
Back washer. W. Dixon. 2,378,471; June 19.
Bacteria, Destroying. H. A. Beechem and F. W. Fabian. 2,383,907; Aug. 28.
Badge. J. A. Dondero. 2,388,728; Nov. 13.
Baffle, Aircraft wing slot. W. S. Diehl. 2,368,205; Jan. 30.
Bag: *See*—
Combination and carrying bag.
Golf bag.
Garment bag.
Laundry bag.
Metal bottom bag.
Packing bag.
Sewed double side seam bag
Sleeping bag.
Utility Bag.
Bag. G. W. Poppe. 2,385,647; Sept. 25.
Bag and book cover, Combination. P. A. Spaldo. 2,383,864; Feb. 20.
Bag and filling same. H. A. Robdin. 2,373,340; Apr. 10.
Bag and jacket, Sleeping. J. O'Reilley. 2,376,617; May 22.
Bag and making same. D. Schmidt. 2,370,079; Feb. 20.
Bag and making same, Automatic bottom. A. B. Haslacher. 2,377,005; May 29.
Bag and the like for infants, Sleeping. J. G. O'Hara. 2,374,299; Apr. 24.
Bag bodies, Making. R. J. Williams. 2,381,850; Aug. 7.
Bag closing apparatus, Baling. A. N. Weeks. 2,374,147; Apr. 17.
Bag closing machine. H. G. Allen. 2,385,598; Sept. 25.
Bag closure. C. V. Brady. 2,373,010; Apr. 3.
Bag closure. C. V. Brady. 2,385,255; Sept. 18.
Bag closure. J. W. Carter. 2,390,423; Dec. 4.
Bag closure. P. S. Coghill. 2,369,716; Feb. 20.
Bag construction. W. S. Brede, M. M. Curtis, and J. L. Rebold. 2,370,226; Feb. 27.
Bag feeding, turning and delivering mechanism. E. E. West. 2,374,571; Apr. 24.
Bag filling holder. J. F. Lotz, Jr. 2,384,109; Sept. 4.
Bag for tire section molds, Self-centering curing. L. F. Proaps. 2,386,504; Oct. 9.
Bag forming machine. S. H. Berch. 2,383,842; Aug. 28.
Bag holder. J. C. Broome. 2,383,366; Aug. 21.
Bag holder. G. K. Divelbiss and A. Krofft. 2,371,743; Mar. 20.
Bags, Making album. G. W. Poppe. 2,385,646; Sept. 25.
Bag making machine. R. C. Hurrey. 2,376,697; May 22.
Bag making, stringing, and tagging machine. E. E. West. Re. 22,596; Jan. 23.
Bag material, and the product thereof, Making a. C. W. Pinckert. 2,374,128; Apr. 17.
Bag molding apparatus. W. A. Lippincott. 2,377,892; June 12.
Bag stringing machine. E. E. West. 2,374,572; Apr. 24.
Bag stringing needle. E. E. West. 2,374,573; Apr. 24.
Bag valve. T. A. Contryman. 2,378,285; June 12.
Bagger and weigher, Fruit. J. C. Broome and H. D. Carlton. 2,373,649; Apr. 17.
Bags and envelopes, Making of. T. H. Krueger. 2,372,008; Mar. 20.
Bags filled with fluent material, Reshaping. R. H. Brechtel. 2,373,162; Apr. 10.
Bags, Method and apparatus for producing. W. S. Patterson. 2,385,229; Sept. 18.
Bags, Method of and apparatus for producing valved or sleeved. H. E. Lee. 2,387,274; Oct. 23.
Bailer, Oil well. J. D. Johnston. 2,371,824; Mar. 20.
Bait can and fish sack holder. E. H. Kruse. 2,384,101; Sept. 4.
Baked goods, Manufacture of. J. Freilich and C. N. Frey. 2,382,305; Aug. 14.
Balance testing machine. J. P. Lannen. 2,367,787; Jan. 23.
Balanced cathode ray sweep circuit. J. J. Mahoney, Jr. 2,367,728; Jan. 23.
Balanced valve. S. G. Harwood. 2,385,510; Sept. 25.
Balanced valve. H. E. Warren. 2,391,531; Dec. 25.
Balanced vane pump. W. R. Tucker. 2,368,789; Feb. 6.
Balancing and attaching means, Break head. F. E. Bachman. 2,380,376; July 31.
Balancing apparatus. J. Torrey. 2,375,171; May 1.
Balancing device. F. A. Nichols. 2,377,096; May 29.
Balancing device, Brake head. C. G. Smith. 2,377,817; June 5.
Balancing machine. S. Bousky. 2,383,588; Aug. 28.
Balancing machine. E. F. Riopelle and K. E. Sihvonen. 2,382,665; Aug. 14.
Balancing machine. K. E. Sihvonen and E. F. Riopelle. 2,382,673; Aug. 14.
Balancing method and apparatus. M. S. Merrill and C. M. Hathaway. 2,383,405; Aug. 21.
Balancing system. P. D. Andrews. 2,380,389; July 31.
Bale ejector for scrap metal baling presses. G. W. Langford, A. C. Barrows, and J. V. Haidler. 2,371,762; Mar. 20.
Baler, Continuous wire tying. V. C. Belt. 2,367,180; Jan. 16.
Baler, Hay. O. T. Andrews. 2,366,230; Jan. 2.
Baler, Pickup. S. D. Russell. 2,381,620; Aug. 7.
Baler, Rotary. P. H. Harrer. 2,391,018; Dec. 18.
Baling machine. J. D. Tessier. 2,375,876; May 15.
Baling press. R. B. Hitchcock. 2,389,510; Nov. 20.
Baling press. S. S. Robinson, Jr. 2,366,426; Jan. 2.
Balking ring clutch. C. D. Peterson and A. H. Deimel. 2,378,788; June 19.
Ball and making same, Inflatable athletic. T. W. Smith, Jr. 2,380,370; July 10.
Ball and pin handling mechanism for bowling pin setting machines. G. J. Schmidt. 2,389,643; Nov. 27.
Ball, disk, and drum mechanism. E. Dawson. 2,388,680; Nov. 13.
Ball bearing. H. O. Coddington. 2,382,975; Aug. 21.
Ball bearing. R. P. Ellis. 2,381,730; Aug. 7.
Ball bearing. K. A. Kall. 2,391,245; Dec. 18.
Ball bearing regreasing device, Sealed. P. E. Richmond and D. J. Griswold. 2,369,178; Feb. 13.
Ball gear lock. T. A. P. T. Kohl. 2,368,584; Jan. 30.
Ball mill. E. Saumenicht. 2,376,820; May 22.
Ball self-locking releasable coupling. R. J. Brown. 2,375,072; May 1.
Balls and improved balls, Process and apparatus for making. G. S. Radford and A. Couture. 2,376,085; May 15.
Balls for games, Manufacturing. L. M. S. Lejeune. 2,373,899; Apr. 17.
Balls, Making playing. H. N. Huse. 2,367,867; Jan. 23.
Balloon, Display. H. E. Jacobs. 2,383,390; Aug. 21.
Balsa article, Moulded. D. Newmark. 2,381,134; Aug. 7.
Band and handle structure, Glass vessel. J. H. Reichart. 2,389,741; Nov. 27.
Band, bracelet or the like, Expansible wrist watch. A. Szeglin and J. Kreisler. 2,376,633; May 22.
Band, Expansion. L. Kreisler and J. G. Siska. 2,388,554; Nov. 6.
Band for garments, Adjustable. R. Alfandre. 2,375,745; May 15.
Band for hard refractory materials, Saw. W. T. Anderson. 2,368,092; Jan. 30.
Band for pipe joints, Welding. E. C. Planett. 2,380,071; July 10.
Band iron brake. L. H. Gable. 2,382,306; Aug. 14.
Banding machine. E. C. Sloan. 2,379,937; July 10.
Band lap. R. B. Mentzer. 2,369,068; Feb. 6.
Band manufacture, Multistrand. D. C. Everitt. 2,374,529; Apr. 24.
Band saw. W. B. Boice and J. E. Boice. 2,371,731; Mar. 20.
Band structure, Endless self-clamping. J. H. Reichart. 2,378,866; June 19.
Band, Sweat. F. De Feo. 2,387,567; Oct. 23.
Band tensioning tool. H. W. Cleveland. 2,368,969; Feb. 6.
Band tightening and sealing tool. B. L. Watt and C. F. Osgood, Jr. 2,386,153; Oct. 2.
Bands, Forming metallic. F. J. Bittermann. 2,389,758; Nov. 27.
Bands, Manufacturing. A. P. D. Belanger. 2,377,857; June 12.
Bandage making machine. H. H. Brown. 2,380,823; July 31.
Bandages with improved elastic properties, Producing surgical. C. F. Goldthwait. 2,379,574; July 3.
Bank, Savings. G. C. Carlson. 2,389,716; Nov. 27.
Bar: *See*—
Boring bar.
Electrical bus bar.
Grate bar.
Reinforcing bar.
Spring bar.
Tow bar.
Wrecking bar.

Bar and support, Bucking. A. H. Haberstump. 2,377,416; June 5.
Bar control for riveting hammers, Bucking. J. A. Roberts. 2,375,691; May 8.
Bar feed for lathes. H. H. Logan. 2,376,606; May 22.
Bar for business machines, Skip. M. G. Baumgartner. 2,375,888; May 15.
Bar structure, Spliced. J. J. Meyer and F. A. Jones. 2,375,018; May 1.
Bar support and spacer, Combined. B. Hillberg. 2,375,361; May 8.
Bar vibrating device for darning, Presser. C. E. Colegrove. 2,386,840; Oct. 16.
Bars or cakes, Detergent. E. E. Dreger and A. C. Bell. 2,385,614; Sept. 25.
Barbecue. A. E. Cramer. 2,388,831; Nov. 13.
Barge, Ship salvaging. S. Basile. 2,384,271; Sept. 4.
Barite in fluorspar concentrate, Reducing. W. E. Duncan. 2,381,120; Aug. 7.
Barium aluminate, Preparing. F. J. Williams. 2,375,715; May 8.
Barium containing glass stock to produce optical elements or the like, Processing. V. Walker. 2,390,405; Dec. 4.
Barium, Purification of. P. P. Alexander. 2,375,200; May 8.
Bark removing machine. C. F. Knight. 2,379,581; July 3.
Barking machine. F. E. Medcoff. 2,382,896; Aug. 14.
Barometer. A. Raspet. 2,377,182; May 29.
Barometer, Aneroid. I. E. McCabe. 2,367,034; Jan. 9.
Barometer interpreter. W. H. Redding. 2,385,732; Sept. 25.
Barometer movement, Aneroid. C. F. Wallace. 2,368,905; Feb. 6.
Barrel, Core. B. W. Sewell. 2,374,961; May 1.
Barrel, Gun. F. L. Vera. 2,378,959; June 26.
Barrel liner, Tumbling. G. E. Huenerfauth and F. P. Green. 2,384,170; Sept. 4.
Barrel, Washing. A. J. Lewis and L. W. Barnes. 2,391,634; Dec. 25.
Barrette. G. N. Bollinger. 2,368,913; Feb. 6.
Barrier drain. C. J. Rocquin. 2,376,555; May 22.
Barrier, Hidden. R. B. Gray. 2,381,739; Aug. 7.
Barrow, Kiddie. W. M. Roberts. 2,381,618; Aug. 7.
Baryta coating of melt-coated paper. H. T. Galley. 2,366,723; Jan. 9.
Base construction. R. E. Gardiner. 2,386,306; Oct. 9.
Base for electric lamps and the like. C. A. Brown and C. E. Hahn. 2,379,063; June 26.
Base for electric lamps or similar devices. J. J. Malloy. 2,385,634; Sept. 25.
Base for metallurgical furnaces and the like. C. M. Sackerson. 2,369,756; Feb. 20.
Base for sound recording machines, Film supporting. J. M. Kuhlik. 2,382,161; Aug. 14.
Base for telegraph booths. C. L. Krumreich and H. W. Meehan. 2,379,089; June 26.
Base, Moistureproof. T. W. Keller. 2,390,308; Dec. 4.
Base, Partition. F. P. Tucker. 2,390,857; Dec. 11.
Basket. H. C. Fuerstenberg. 2,374,277; Apr. 24.
Basket. J. H. Holtvoigt. 2,374,153; Apr. 17.
Basket and container, Paper. P. K. Madan. 2,374,366; Apr. 24.
Basket, Egg transfer. E. E. Buckley and B. E. Richmond. 2,384,794; Sept. 18.
Basket for explosive charges, Loading. E. F. Darnell. 2,377,763; June 5.
Basket, Fruit harvesting. W. W. Dale. 2,367,566; Jan. 16.
Basket, Harvesting. A. F. Flourney. 2,372,073; Mar. 20.
Bassinet organization. J. Kreiselman. 2,366,630; Jan. 2.
Bath, Electropolishing. S. M. Weisberg and I. Levin. 2,386,078; Oct. 2.
Bath for heating soldering irons. A. F. Holden. 2,370,960; Mar. 6.
Bath for metals, Pickling. C. C. Clark. 2,373,291; Apr. 10.
Baths, Electroplating. J. S. Nachtman. 2,370,986; Mar. 6.
Bating composition. F. Schmitt. 2,369,256; Feb. 13.
Batten. F. P. Tucker. 2,371,921; Mar. 20.
Batten. F. Waller. 2,378,877; June 19.
Batteries, Making dry. A. M. MacFarland. 2,389,674; Nov. 27.
Batteries, Storing and filling. E. M. Sutherland and C. H. Endress. 2,382,675; Aug. 14.
Battery charging rack. G. C. Nelms, E. Coggeshall, E. A. Berry, and W. K. Wilbur. 2,375,866; May 15.
Battery charging system. W. F. Scott and J. S. Peters. 2,368,264; Jan. 30.
Battery charging system. R. T. Williams. 2,377,596; June 5.
Battery construction. G. A. F. Winckler. 2,369,931; Feb. 20.
Battery construction, Storage. J. A. Smith. 2,367,807; Jan. 23.
Battery filling and venting means. H. D. Wilson. 2,391,666; Dec. 25.
Battery for aircraft, Storage. J. L. Rupp. 2,379,189; June 26.
Battery, Nondeteriorating dry. G. A. F. Winckler. 2,368,697; Feb. 6.
Battery opening apparatus. J. R. Price. 2,380,329; July 10.
Battery plates, Drying formed. M. F. Chubb and P. F. Ebert. 2,389,893; Nov. 27.
Battery, Primary. Le R. S. Dunham and H. M. Teague. 2,390,574; Dec. 11.
Battery retainers, Making storage. C. A. Hall. 2,374,540; Apr. 24.
Battery seal. J. W. Moran. 2,376,712; May 22.
Battery, Secondary. P. Arnoldi. 2,391,001; Dec. 18.
Battery separator. S. I. Strickhouser and E. C. Ullig. 2,382,829; Aug. 14.
Battery separators, Making. E. Fairclough. 2,382,621; Aug. 14.
Battery, Storage. R. A. Daily. 2,391,820; Dec. 25.
Battery, Storage. G. N. Proctor. 2,368,491; Jan. 30.
Battery, Storage. G. N. Proctor. 2,381,140; Aug. 7.
Battery, Storage. F. J. Williams and J. A. Orsino. 2,389,832; Nov. 27.
Battery system and cleaning apparatus therefor, Poultry. R. L. Lovell. 2,383,326; Aug. 21.
Battery terminal. W. G. Tenney. 2,381,938; Aug. 14.
Battery terminal clamp. P. W. Bruder. 2,370,227; Feb. 27.
Battery terminal connection. J. G. Sutherland. 2,384,211; Sept. 4.
Battleship, Torpedo-proof. A. D. Masloff. 2,371,340; Mar. 13.
Battle tank. H. M. Pfiager. 2,376,720; May 22.
Bayonet. H. C. Haag. 2,367,212; Jan. 16.
Beach protection. S. M. Wood. 2,387,965; Oct. 30.
Beacon, Glide path. A. Alford. 2,373,090; Apr. 10.
Bead lock. J. E. Hale. 2,381,382; Aug. 7.
Bead locking ring. F. Herzegh. 2,390,303; Dec. 4.
Beading tool. W. H. Dedrick. 2,377,406; June 5.
Beak trimming device for poultry. R. P. Barton. 2,384,875; Sept. 18.
Beam, Brake. E. G. Leverenz. 2,368,854; Feb. 6.
Beam clamp. R. Ellerthorpe. 2,376,041; May 15.
Beam compass. J. W. Oehrli. 2,385,723; Sept. 25.
Beam, Composite. T. A. B. Legowik. 2,391,250; Dec. 18.
Beam letoff. B. Plunkett and R. C. Scheib. 2,383,562; Aug. 28.
Beam, spool, or reel, Section warp. R. V. Olson. 2,370,066; Feb. 20.
Beam, Structural. D. T. Dubassoff. 2,380,953; Aug. 7.
Beam structure, Composite. C. P. Cueni. 2,382,138; Aug. 14.
Beam, Weighing scale. W. A. Dimick. 2,390,696; Dec. 11.
Beamer. F. Lambach. 2,370,672; Mar. 6.
Beamer. F. Lambach. 2,384,474; Sept. 11.
Bearing: *See*—
Antifriction bearing.
Ball bearing.
Center bearing.
Journal bearing.
Precision pivot bearing.
Roller bearing.
Seal bearing.
Self-lubricating bearing.
Shaft bearing.
Shock absorber bearing.
Silver-thallium bearing.
Thrust bearing.
Bearing. T. L. Gatke. 2,389,253; Nov. 20.
Bearing. F. R. Hensel. 2,379,434; July 3.
Bearing. F. R. Hensel and E. I. Larsen. 2,372,202; Mar. 27.
Bearing. F. R. Hensel and E. I. Larsen. 2,377,882; June 12.
Bearing. H. A. Knox. 2,380,971; Aug. 7.
Bearing. E. G. Landberg. 2,386,165; Oct. 2.
Bearing. H. N. Parsons. 2,380,327; July 10.
Bearing. C. A. Rich and C. A. Rich, Jr. 2,367,613; Jan. 16.
Bearing. A. Rickenmann. 2,389,687; Nov. 27.
Bearing. F. W. Side. 2,377,526; June 5.
Bearing. R. L. Strickland and A. B. Segall. 2,388,019; Oct. 30.
Bearing. C. T. Torresen. 2,373,860; Apr. 17.
Bearing. L. S. Williams. 2,387,202; Oct. 16.
Bearing. L. I. Yeomans. 2,375,269; May 8.
Bearing and bell crank, Self-lubricating. F. C. Warren. 2,369,421; Feb. 13.
Bearing and making the same, Unit-type anti-friction. D. E. Lewis. 2,383,727; Aug. 28.
Bearing and the like. F. R. Hensel. 2,379,435; July 3.
Bearing and retainer puller. C. L. Meyer. 2,386,253; Oct. 9.
Bearing apparatus. W. B. Flanders. 2,370,854; Mar. 6.
Bearing assembly. E. J. Ambrosini. 2,377,855; June 12.
Bearing assembly. A. J. Bastian. 2,381,249; Aug. 7.
Bearing assembly. C. C. Bell. 2,384,005; Sept. 4.
Bearing assembly. J. Boyd. 2,372,054; Mar. 20.
Bearing assembly. V. E. Enz. 2,381,270; Aug. 7.
Bearing assembly, Self-aligning. S. Bousky. 2,390,353; Dec. 4.
Bearing clutch. E. P. Schmidt. 2,391,350; Dec. 18.
Bearing construction. B. W. Mantle. 2,371,400; Mar. 13.
Bearing construction for dynamo-electric machines. F. J. Lyden. 2,381,070; Aug. 7.
Bearing cup puller. L. E. Looney. 2,380,980; Aug. 7.
Bearing cups, Finishing. E. H. Delahan and A. G. Frojd. 2,368,007; Jan. 23.
Bearing device, Spherical self-alignment. V. S. Collito. 2,380,150; July 10.
Bearing extractor. E. F. Stelzer. 2,373,064; Apr. 3.
Bearing for automobiles, Steering spindle. J. R. Tedd. 2,385,170; Sept. 18.
Bearing for rotary spindles. W. G. Baldenhofer. 2,384,589; Sept. 11.
Bearing for rudder shafts. H. Lyons. 2,384,941; Sept. 18.
Bearing lubrication. E. G. Boden. 2,368,963; Feb. 6.

Bearing mounting. W. I. Pixley. 2,377,035; May 29.
Bearing race extractor. A. C. Goddard and J. J. Seme. 2,373,307; Apr. 10.
Bearing structure. R. I. N. Weingart. 2,376,406; May 22.
Bearing structure for straight knitting machines. F. G. Weisbecker. 2,370,762; Mar. 6.
Bearing structure, Self-aligning. J. C. Chambers and J. R. Allen. 2,382,773; Aug. 14.
Bearing surfaces with lubricants, Treatment of. M. E. Bell. 2,387,872; Oct. 30.
Bearing unit and lubricating material therefor. L. A. Delp. 2,379,478; July 3.
Bearings, Fabricating babbitt lined. S. A. Smith. 2,384,654; Sept. 11.
Bearings for clocks, watches and precision instruments. C. A. Carlson and W. R. Butler. 2,369,338; Feb. 13.
Bearings, Making. E. B. Etchells. 2,377,681; June 5.
Bearings, Making. L. R. Helm. 2,366,668; Jan. 2.
Bearings, Making. J. D. Howe. 2,386,951; Oct. 16.
Bearings, Making. B. W. Mantle. 2,371,399; Mar. 13.
Bearings, Making. J. W. Skehan and G. J. Agule. 2,378,588; June 19.
Bearings, Making. C. F. Smart. 2,373,352; Apr. 10.
Bearings, Making antifriction. G. H. Kendall. 2,376,779; May 22.
Bearings, Making self-aligning. C. G. Taylor. 2,382,349; Aug. 14.
Bearings, Making tubular. C. Hardy. 2,374,747; May 1.
Bearings, particularly those for rectilinear motion, Ball and roller. P. W. Thornhill and J. H. Onions. 2,369,926; Feb. 20.
Bearings, Seal for journal. A. C. Lind and F. G. Stuller. 2,369,911; Feb. 20.
Beat-up mechanism of looms for weaving. D. W. Shimwell. 2,380,798; July 31.
Beauty parlor appliance. M. E. McCart. 2,370,359; Feb. 27.
Bed: *See* Cooling bed.
Bed. F. P. Badin. 2,374,641; May 1.
Bed. W. C. Bornhuetter. 2,376,114; May 15.
Bed board, Combination folding orthopedic and reclining. F. R. Muenzen. 2,381,509; Aug. 7.
Bed bottom, Elastic. R. Retter. 2,371,777; Mar. 20.
Bed bottom or the like, Braced. M. M. Cunningham. 2,372,361; Mar. 27.
Bed, Collapsible. E. B. Terry, Jr. 2,370,269; Feb. 27.
Bed, Combination. J. Pejka. 2,371,409; Mar. 13.
Bed, Cooling. G. W. Rauschenberger. 2,370,915; Mar. 6.
Bedcover. L. L. Steigerwald. 2,374,712; May 1.
Bed covering, Quilted. R. Davis. 2,383,592; Aug. 28.
Bed for infants. W. T. Townsend. 2,387,196; Oct. 16.
Bed, Hospital. A. L. Bresch. 2,375,192; May 8.
Bed, Hospital. C. A. Deckert. 2,373,017–18; Apr. 3.
Bed, Hospital. J. D. Dry. 2,369,447; Feb. 13.
Bed, Hospital. W. A. Hillenbrand. 2,379,080; June 26.
Bed, Hospital. C. R. Marsan. 2,384,325; Sept. 4.
Bed, Hospital. N. O. Nelson. 2,373,590; Apr. 10.
Bed or similar body resting appliance. A. W. Schenker. 2,373,421; Apr. 10.
Bed or similar body resting appliance. A. W. Schenker. 2,391,746; Dec. 25.
Bedboard, Folding reclining. F. R. Muenzen. 2,390,660; Dec. 11.
Bedspring. J. N. Bressler. 2,386,428; Oct. 9.
Bedspring. C. J. Elder. 2,366,846; Jan. 9.
Bed spring. C. J. Elder. 2,378,625; June 19.
Bedspring. N. C. Goldberg. 2,371,099; Mar. 6.
Bedstead, Metallic. C. L. Dewey. 2,376,347; May 22
Bee comb foundation. H. C. Dadant and R. A. Grout. 2,366,182; Jan. 2.
Bee hive tool. J. P. Coakley. 2,369,815; Feb. 20.
Beer dispenser. W. F. Delzer. 2,369,721; Feb. 20.
Beer dispensing device. R. T. Cornelius. 2,373,294; Apr. 10.
Beet cleaner. J. A. Harwood. 2,388,740; Nov. 13.
Beet lifter. V. N. Tramontini. 2,385,895; Oct. 2.
Beet thinner, Portable. J. P. Jensen. 2,378,143; June 12.
Bellows. A. Zellos. 2,387,486; Oct. 23.
Belt. H. Morrison. 2,386,708; Oct. 9.
Belt. S. R. Reimel. 2,377,650; June 5.
Belt and ptosis pad, Supporting. I. R. Versoy. 2,372,034; Mar. 20.
Belt and vest, Combination. A. Piotrowski. 2,376,004; May 15.
Belt block. P. B. Reeves. 2,387,183; Oct. 16.
Belt, Carrier. G. M. Howard. 2,382,634; Aug. 14.
Belt, Cartridge. W. A. Schaich. 2,372,685; Apr. 3.
Belt-centering device. G. F. Dodge. 2,366,390; Jan. 2.
Belt, Chain. G. G. Mize. 2,368,372; Jan. 30.
Belt drive device. J. Mancia and G. Mégel. 2,384,759; Sept. 11.
Belt drive reversing unit. T. E. Gohlke. 2,390,582; Dec. 11.
Belt drive for machine tools. O. D. Smith and C. Webb. 2,372,342; Mar. 27.
Belt, Endless transmission. A. S. Brown. 2,377,609; June 5.
Belt for airplane cannon, Link. S. J. Becker. 2,373,288; Apr. 10.
Belt guiding mechanism, Metal. L. A. Cundall. 2,380,221; July 10.
Belt, Money and article carrying. S. Sherman. 2,383,748; Aug. 28.
Belt, Safety. R. E. Dowd. 2,372,558; Mar. 27.
Belt, Safety traffic signal. Z. E. Frecska. 2,378,075; June 12.
Belt tightener. E. C. Krueger. 2,368,848; Feb. 6.
Belt-tightening device. H. P. Thomas. 2,366,159; Jan. 2.
Belt, Welder's comforting and accessory suspension. M. Zatko. 2,388,811; Nov. 13.
Belts, Making transmission. A. S. Brown and G. E. Sedgley. 2,391,674; Dec. 25.
Bench back. R. A. Campbell. 2,383,041; Aug. 21.
Bench, Portable park. H. Rush. 2,374,837; May 1.
Bench, Relaxing. L. E. Carlile. 2,382,542; Aug. 14.
Bending and beveling machine. R. Seifried. 2,370,329; Feb. 27.
Bending machine. J. B. Milan. 2,371,838; Mar. 20.
Bending machine. M. A. Powers. 2,382,745; Aug. 14.
Bending of boards. J. W. Jackson. 2,373,567; Apr. 10.
Beneficiation of iron ore. R. B. Booth and E. C. Herkenhoff. 2,385,054; Sept. 18.
Benzene, Alkylation of. V. N. Ipatieff and R. E. Schaad. 2,382,318; Aug. 14.
Benzene, Alkylation of. W. A. Pardee and B. F. Dodge. 2,388,007; Oct. 30.
Benzene compounds, Purification of dihydroxy. W. J. Cotton. 2,381,209; Aug. 7.
Benzene, Hydrogenation of. A. G. Weber and M. D. Peterson. 2,391,283; Dec. 18.
Benzene, Production of ethyl. C. N. Kimberlin, Jr. 2,373,030; Apr. 3.
Benzene, Production of synthetic. D. L. Fuller and B. S. Greensfelder. 2,378,208; June 12.
Benzene products, Preparation of divinyl. G. F. D'Alelio. 2,378,196–7; June 12.
Benzene-sulphonamido derivatives and making same. M. Hartmann and J. Druey. 2,382,167; Aug. 14.
Benzene, Sulphonization of. J. B. Maguire and D. F. Gould. 2,379,585; July 3.
Benzenes and naphthalenes, Making primary alkylated. E. J. Mills, Jr. 2,388,758; Nov. 13.
Benzil. Preparation of. C. A. Bordner. 2,377,749; June 5.
Benzoin, Preparation of. O. W. Cass and C. A. Bordner. 2,372,709; Apr. 3.
Benzoquinones and their production, Substituted. M. Tishler. 2,376,984; May 29.
Berries, Completing the packaging of. G. Harrison. 2,387,326; Oct. 23.
Berries or the like, Completing the packaging of. G. Harrison. 2,376,138; May 15.
Berth. J. K. Tully, L. Andersen, and B. E. Jones. 2,371,482; Mar. 13.
Berthing place for vessels, Jetty, wharf, and like. A. L. L. Baker. 2,391,612; Dec. 25.
Beryllium fluoride, Making. C. B. Willmore and F. D. Chew. 2,387,203–7; Oct. 16.
Beryllium, Producing. B. R. F. Kjellgren. 2,381,291; Aug. 7.
β-alanin, Manufacture of. P. Ruggli and A. Businger. 2,367,436; Jan. 16.
Beta-alanine, Preparation of. G. H. Carlson and C. N. Hotchkiss. 2,377,401; June 5.
Beta-alanine, Synthesis of. S. H. Babcock, Jr., and B. R. Baker. 2,376,334; May 22.
Beta amylose-iodine compound and the production of the same. W. L. Minto. 2,383,334; Aug. 21.
β,β'-iminodipropionimide. R. S. Hanslick. 2,377,147; May 29.
Beta-chloroallyl acrylates. C. E. Rehberg and C. H. Fisher. 2,388,440; Nov. 6.
β-diketones, Production of. W. H. Reeder, III and G. A. Leaclain. 2,369,250; Feb. 13.
β-erythroidine and its hydrohalides and their production. K. Folkers and R. T. Major. 2,373,952; Apr. 17.
Beta-olefins, Producing. W. H. Peterson and J. Anderson. 2,375,687; May 8.
Beta-picoline, Recovering pure. G. Riethof. 2,388,499; Nov. 6.
Betaine and betaine salts from sugar beet wastes, Recovery of. A. N. Bennett. 2,375,164; May 1.
Bevel edges on metal strip and the like, Producing. E. E. Davis and T. F. Stevens. 2,381,808; Aug. 7.
Beverage. J. E. Faulkner. 2,391,559; Dec. 25.
Beverage dispensing apparatus. C. V. Di Pietro. 2,371,431; Mar. 13.
Beverage maker. F. J. Dever. 2,391,397; Dec. 25.
Beverage mixing machine. C. H. Miller. 2,391,066; Dec. 18.
Beverages, Packaging. R. J. Stewart. 2,372,457; Mar. 27.
Bezel sealing for pressureproof cases, Design of. J. S. Hellen. 2,376,593; May 22.
Bib. J. A. Tiscornia. 2,367,383; Jan. 16.
Bichalcogenous material. W. J. Burke. 2,388,597; Nov. 6.
Bicycle. J. A. McLean. 2,383,000; Aug. 21.
Bicycle carrier. F. W. Schwinn. 2,379,994; July 10.
Bicycle construction. S. Wallace and M. A. Blu. 2,378,961; June 26.
Bicycle frame. H. H. Bound. 2,380,497; July 31.
Bicycle seat. W. P. Murrell. 2,376,713; May 22.

Biguanides, Production of. R. L. Sperry and E. O. Hook. 2,371,111; Mar. 6.
Bile pigments, Recovering. J. D. Porsche and F. J. Solms. 2,386,716; Oct. 9.
Bilge pump. T. Langan. 2,382,797–8; Aug. 14.
Billet and preparation and rolling thereof, Bimetallic. W. A. Carlson. 2,386,091; Oct. 2.
Billets, Producing steel. A. R. Rowe. 2,371,350; Mar. 13.
Billfold. A. Pitar. 2,368,040; Jan. 23.
Billfold. L. L. Sherwood. 2,384,199; Sept. 4.
Billfold. L. L. Sherwood. 2,388,444; Nov. 6.
Billfold, Secret pocket. M. Becker. 2,387,490; Oct. 23.
Billfold, Theftproof. L. B. Miller. 2,369,597; Feb. 13.
Billiard table. A. F. Debicki. 2,391,395; Dec. 25.
Billing and marking machine, Combination. M. Seldin. 2,373,633; Apr. 10.
Bimetal tube. K. B. Ris. 2,386,747; Oct. 16.
Bimetallic clamp. H. F. Fruth. 2,377,222; May 29.
Bin, Revolving. P. Rosenberg. 2,371,917; Mar. 20.
Binder. N. August, Jr. 2,386,083; Oct. 2.
Binder. H. D. Falls. 2,382,556; Aug. 14.
Binder. E. M. Phillips. 2,367,687; Jan. 23.
Binder. L. J. Thoele. 2,371,198; Mar. 13.
Binder. L. J. Thoele. 2,374,395; Apr. 24.
Binder and ring usable therein. J. J. Seelman. 2,371,474; Mar. 13.
Binder, Booklet. M. E. Novak. 2,380,780; July 31.
Binder construction, Loose-leaf. A. G. Lotter. 2,387,337; Oct. 23.
Binder, Cumulative sheet. A. J. Cardoza. 2,381,204; Aug. 7.
Binder, Loose-leaf. G. H. Dawson and P. O. Unger. 2,381,040; Aug. 7.
Binder, Loose-leaf. W. Pitt. 2,377,179; May 29.
Binder, Loose-leaf. E. C. Williams. 2,386,024; Oct. 2.
Binder, Post. S. G. Johnson. 2,383,062; Aug. 21.
Binder, Post. F. S. Schade. 2,366,933; Jan. 9.
Binder, Sheet. G. G. Grinnell. 2,377,340; June 5.
Binders and split rings therefor, Making. C. E. Emmer. 2,388,397; Nov. 6.
Binders for glass fiber threads. H. Steinbock. 2,371,933; Binding agents and their use, Synthetic. G. Widmer and W. Fisch. 2,370,278; Feb. 27.
Binding, Book. G. B. Wiser. 2,380,206; July 10.
Binding, Ski. A. B. Lanz. 2,383,064; Aug. 21.
Binding strip apparatus. W. Stuebing, Jr. 2,389,699; Nov. 27.
Binocular instrument. E. Krimsky. 2,380,850; July 31.
Binocular or the like. W. F. Peck. 2,370,257; Feb. 27.
Binoculars. J. A. Grier. 2,386,394; Oct. 9.
Binoculars with polarized light filters. C. J. Glasser. 2,383,186; Aug. 21.
Biochemical process and apparatus for manufacturing food products. G. A. Jeffreys. 2,370,665; Mar. 6.
Biological apparatus, container, and method. E. W. Flosdorf, C. J. Westin, and F. J. Stokes, Jr. 2,388,134; Oct. 30.
Biological materials and products resulting therefrom, Preservation of. J. C. Hormel. 2,388,917; Nov. 13.
Biological product and obtaining same. N. H. Fell. 2,372,066; Mar. 20.
Biological product and obtaining same. N. H. Fell. 2,376,424; May 22.
Biological substances, Method and apparatus for reserving. H. A. Siedentopf. 2,380,339; July 10.
Biotin, Extracting. J. V. Karabinos, E. R. Eckhardt, and W. I. Patterson. 2,374,212; Apr. 24.
Biotin inactivating material, Producing. R. Hertz and W. H. Sebrell. 2,370,662; Mar. 6.
Bipartite tube. W. Friedrichs. 2,374,858; May 1.
Bipropeller drive, Polyengine. C. R. Wascige. 2,380,889; July 31.
Bis(alkylthiazyl) disulphides, Stabilization of. J. E. Jansen. 2,386,959; Oct. 16.
Bis esters of iodinated phenyl aliphatic carboxylic acids. W. H. Strain, J. T. Plati, and S. L. Warren. 2,386,640; Oct. 9.
Bis-trimethylsilicyl oxide and its preparation. W. H. Daudt. 2,386,441; Oct. 9.
Bis(2-cyanoethyl) ether and making same. H. A. Bruson. 2,382,036; Aug. 14.
Bisulphite derivatives of 2-methyl-1,4-naphthoquinone and the like. M. B. Moore and F. J. Kirchmeyer. 2,367,302; Jan. 16.
Bit: *See*—
Core bit. Expansion bit.
Diamond drill bit. Mining cutter bit.
Drill bit. Screw driver bit.
Drilling bit. Step-cut drill bit.
Bit. J. T. Phipps. 2,370,070; Feb. 20.
Bit for cable well tools, Automatically rotatable. A. Boynton. 2,371,498; Mar. 13.
Bits, Sharpening. J. F. McCarthy, Jr. 2,374,362; Apr. 24.
Bitumen emulsion. E. E. Mayfield. 2,374,766; May 1.
Bitumen treating agent. J. M. Johnson. 2,386,867; Oct. 16.
Bituminous coating compositions and processes. B. Weetman and R. J. Agnew. 2,375,055; May 1.
Bituminous composition. J. S. Miller and J. L. Present. 2,378,798; May 22.
Bituminous composition and making same. E. J. Canavan. 2,386,592; Oct. 9.
Bituminous composition. P. M. Snyder. 2,391,750–1; Dec. 25.
Bituminous compositions, Plastic. J. B. Mullin. 2,376,447; May 22.
Bituminous composition and making the same. P. M. Snyder. 2,391,749; Dec. 25.
Bituminous emulsion and preparing same. W. D. Buckley and E. P. Bly. 2,372,658; Apr. 3.
Bituminous materials, Making. W. Becker and W. Maass. 2,383,701; Aug. 28.
Bluret derivatives. J. K. Simons and W. I. Weaver. 2,378,110; June 12.
Bluret, Manufacture of. J. F. Olin. 2,370,065; Feb. 20.
Blurets, Acidyl. A. J. Hill and W. M. Degnan. 2,379,486; July 3.
Blackboards, Bookrack for. H. E. Adell. 2,367,747; Jan. 23.
Black-out device or the like. E. N. Leger. 2,371,764; Mar. 20.
Black-out marker light. C. Gross. 2,380,691; July 31.
Black spot correcting means. R. R. von Feigel-Farnholz. 2,375,968; May 15.
Bladder, Accumulated. N. de Kiss. 2,378,467; June 19.
Blade and carrier, Cultivating. C. S. Noble. 2,373,703; Apr. 17.
Blade attachment by welding, Turbine. W. Huber. 2,384,919; Sept. 18.
Blade dispensing container. N. Testi. 2,376,206; May 15.
Blade for tanning machinery. E. L. Bartholomew. 2,371,600; Mar. 20.
Blade guide for motor-driven circular hand saws. C. F. Chaddock. 2,377,673; June 5.
Blade holding device. W. H. Rose. 2,374,502; Apr. 24.
Blade, Indexing airplane propeller. W. C. Heath. 2,381,284; Aug. 7.
Blade, Propeller. H. A. Berliner. 2,370,136; Feb. 27.
Blade, Razor. Z. Auerbach. 2,386,180; Oct. 9.
Blade, Safety razor. S. C. Stampleman. 2,384,051; Sept. 4.
Blade structure for aircraft sustaining rotors. P. H. Stanley. 2,388,879; Nov. 13.
Blade, Wedge grip scraper. V. H. Nixon. 2,390,611; Dec. 11.
Blade with integral guard, Razor. O. H. Crowell. 2,382,296; Aug. 14.
Blades, Manufacture of propeller. C. A. Brauchler. 2,378,059; June 12.
Blank feeding apparatus. H. A. Fink. 2,391,304; Dec. 18.
Blank feeding mechanism. E. Blair. 2,372,706; Apr. 3.
Blank, Shoe tap. E. E. Cohen. 2,367,334; Jan. 16.
Blanket having a copy mass containing a bile salt, Hectograph. R. W. Tatge. 2,368,583; Jan. 30.
Blanks, Forming can-end. H. Sebell. 2,378,041; June 12.
Blanks from cans, Method and apparatus for making. D. A. Froom. 2,378,136; June 12.
Blanks, Method and apparatus for straightening. M. E. Anderson. 2,389,885; Nov. 27.
Blanks, Shoe Stiffener. J. W. Wiley. 2,378,673; June 19.
Blast furnace. J. S. Stewart. 2,373,514; Apr. 10.
Blast furnace process. F. Holz. 2,373,244; Apr. 10.
Blasting cap. P. E. Narvarte. 2,377,804; June 5.
Blasting cap fuse protector. J. S. Curtiss. 2,388,310; Nov. 6.
Blasting cap package. J. B. Smith. 2,371,271; Mar. 13.
Bleach, Hydrogen peroxide. W. S. Riggs and R. Lehmann. 2,371,545; Mar. 13.
Bleaching. H. O. Kauffmann and P. H. Margulies. 2,391,710; Dec. 25.
Bleaching agent, Making a. K. E. E. Laue. 2,384,629; Sept. 11.
Bleaching and scouring treatment, Rayon. A. L. Dubeau, J. D. MacMahon, and G. P. Vincent. 2,373,881; Apr. 17.
Bleaching fibers. R. L. McEwen. 2,366,740; Jan. 9.
Bleaching process for fluids. H. Schmidt. 2,369,757; Feb. 20.
Blind, Cordless Venetian. H. J. Cohn. 2,390,826; Dec. 11.
Blind, Fabric Venetian. W. Houmère. 2,370,794; Mar. 6.
Blind landing system using electromagnetic waves. H. P. Williams. 2,372,620; Mar. 27.
Blind rivet hand tool. B. G. Carlson. 2,370,840; Mar. 6.
Blind rivet puller. H. W. Kugler. 2,384,037; Sept. 4.
Blind structure, Venetian. L. I. Kahn. 2,381,060; Aug. 7.
Blind, Venetian. A. T. Castilonia. 2,389,956; Nov. 27.
Blind, Venetian. O. Green. 2,381,158; Aug. 7.
Blind, Venetian. O. L. Herron. 2,379,353; June 26.
Blind, Venetian. L. Kasan. 2,391,709; Dec. 25.
Blind, Venetian. A. L. Thexton. 2,387,419; Oct. 23.
Blind, Window. A. Lister-Torsen. 2,386,695; Oct. 9.
Blind, Window. L. T. Smith. 2,388,715; Nov. 13.
Blinds, Window. W. G. Bell. 2,377,746; June 5.
Block: *See*—
Abrasive block. Junction block.
Automatic tool block. Lapping block.
Belt block. Quick releasing tricing block.
Building block. Snatch block.
Concrete wall building block. Track block.
Hat brim forming block. Tuyère block.
Block cores for endless tracks and the like, Tread. R. L. Allen and H. B. Muster. 2,371,015; Mar. 6.

Block cores for endless tracks and the like, Tread. R. 1. Schopitzer. 2,371,071; Mar. 6.
Block device, Vehicle wheel. L. E. Connell and L. W. Jones. 2,386,595; Oct. 9.
Block setter, Fire. S. G. Ackley. 2,380,487; July 31.
Block transfer mechanism. A. R. Falkner. 2,369,727; Feb. 20.
Blockade device. M. Racz. 2,390,461; Dec. 4.
Blocks, Building. A. Holmes and J. C. Roediger. 2,384,163; Oct. 2.
Blocks, Form for casting. A. E. Troiel. 2,368,502; Jan. 30.
Blocks, Forming earth building. J. A. Davis. 2,388,679; Nov. 13.
Blood collecting instrument. E. R. Lawshe. 2,376,436; May 22.
Blood corpuscles, Method and apparatus for counting. J. Kielland. 2,369,577; Feb. 13.
Blood pressure recorder, Automatic. W. E. Gilson. 2,379,573; July 3.
Blood testing apparatus. C. J. Guthrie. 2,380,168; July 10.
Blood, Treatment of. N. M. Nesset. 2,390,727; Dec. 11.
Blouse. S. Mirsky. 2,388,926; Nov. 13.
Blouse. M. Shoulder. 2,390,188; Dec. 4.
Blouse structure and the like. T. Katzman. 2,376,969; May 29.
Blowout preventer. H. Allen. 2,387,106; Oct. 16.
Blow out preventer. D. U. Shaffer. 2,368,332; Jan. 30.
Blowpipe. E. B. Scherl. 2,385,107; Sept. 18.
Blowpipe and nozzle therefor. G. M. Skinner. 2,367,316; Jan. 16.
Blowpipe tip and production. D. A. Marra. 2,368,716; Feb. 6.
Blowtorch. J. L. Evans. 2,366,605; Jan. 2.
Blowtorch. H. W. Jones. 2,379,967; July 10.
Blower, Air. A. J. Havis. 2,371,821; Mar. 20.
Blower apparatus. A. I. Ponomareff. 2,391,512; Dec. 25.
Blower apparatus. H. F. Schmidt. 2,381,777; Aug. 7.
Blower apparatus. H. F. Schmidt. 2,390,332; Dec. 4.
Blower, Cotton conveyer. L. E. Nickla and A. R. Crawford. 2,389,533; Nov. 20.
Blower head for the separation of card or paper stock. C. A. Bernard and W. A. S. Pate. 2,374,578; Apr. 24.
Blower, High pressure. E. B. Williams. 2,382,687; Aug. 14.
Blower, Pendulum type soot. De L. E. Hibner and F. C. Arey. 2,368,612; Jan. 30.
Blower, Rotary. B. Heimbach. 2,367,463; Jan. 16.
Board: *See*—
Asbestos board.
Cribbage board.
Drain board.
Electric cribbage board.
Electric maneuvering board.
Foldable cribbage board.
Game board.
Gauge board.
Ironing board.
Musical game board.
Surf board.
Quiz board.
Board cushion, Safety instrument. W. I. Luton. 2,375,567; May 8.
Boards, Method and machine for making composite. I. Hill. 2,384,676; Sept. 11.
Boat. F. P. Cortese. 2,380,220; July 10.
Boat. W. S. Dix. 2,373,019; Apr. 3.
Boat. K. Farkas. 2,369,034; Feb. 6.
Boat. H. B. Harvey. 2,386,215; Oct. 9.
Boat. W. W. and W. H. Schmitt. 2,375,139; May 1.
Boat. C. C. Sheppard. 2,381,622; Aug. 7.
Boat. D. A. Wallace. 2,384,981; Sept. 18.
Boat, Amphibious. J. H. Schuller. 2,376,626; May 22.
Boat and making same, Sectional. H. A. Mallory. 2,389,799; Nov. 27.
Boat and ship drive, Contraposed twin turreted. W. E. Soldner. 2,386,362; Oct. 9.
Boat, Collapsible. F. B. S. Grimston. 2,370,401; Feb. 27.
Boat, Collapsible. L. E. Rabjohn. 2,377,963; June 12.
Boat, Collapsible enclosed. G. Provenzano. 2,391,594; Dec. 25.
Boat construction. C. H. Clement, Jr. 2,379,883; July 10.
Boat construction. G. F. Hughes. 2,379,235; June 26.
Boat construction. E. H. Waring. 2,381,631; Aug. 7.
Boat construction, Composite. F. D. Rowland. 2,384,966; Sept. 18.
Boat cover. F. D. Burns. 2,390,986; Dec. 18.
Boat, Displacement-hydroplane. T. A. E. Lake. 2,370,318; Feb. 27.
Boat for airplanes, Life. A. P. de Seversky. 2,389,600; Nov. 27.
Boat gear. H. E. Rottmer. 2,368,728; Feb. 6.
Boat hull. A. A. Steele. 2,371,478; Mar. 13.
Boat hull construction. A. J. Higgins. 2,369,633; Feb. 13.
Boat, Inflatable. F. F. Patten. 2,370,069; Feb. 20.
Boat lamp. F. M. Meyers. 2,375,311; May 8.
Boat, Life. W. R. Bitton. 2,382,126; Aug. 14.
Boat propulsion and steering. R. J. Wadsworth and O. K. Nye. 2,381,791; Aug. 7.
Boat propulsion means. C. H. Sawyer. 2,388,711; Nov. 13.
Boat, seaplane, and the like. A. A. Apel. 2,367,323; Jan. 16.
Boats, Method and apparatus for forming small. A. G. Sherman. 2,372,521; Mar. 27.
Bob, Hooking. G. W. Johnson. 2,374,752; May 1.
Bobsled. J. W. Heagney. 2,388,145; Oct. 30.
Bobbin clutch for spindle blades. T. J. Risk. 2,366,653; Jan. 2.
Bobbin spinning apparatus. A. L. Jackson. 2,370,731; Mar. 6.
Bobbin, Yarn. J. Gomberg. 2,371,756; Mar. 20.
Bobbin magazine for weft replenishing looms. C. Darwin. 2,381,725; Aug. 7.
Bobbin magazine for weft replenishing looms. R. G. Turner. 2,381,790; Aug. 7.
Bobbin spinning machine and operation, Rayon. G. T. Loveridge and H. E. Carlson. 2,379,813; July 3.
Bobbins and the like, Method and apparatus for forming. W. F. Stahl. 2,375,704. May 8.
Bobbins, Treating. D. Marinsky and L. H. Morin. 2,369,592; Feb. 13.
Bodied oil and method. O. and G. Eisenschimi. 2,388,257; Nov. 6.
Body construction. E. H. Piron. 2,384,961; Sept. 18.
Body construction, Vehicle. D. G. Renno. 2,383,417; Aug. 21.
Body for apparatus or the like, particularly for photographic apparatus. J. Bolsey. 2,386,538; Oct. 9.
Body for trailers, Knockdown. J. J. Black. 2,382,376; Aug. 14.
Body maker, Can. N. Geertsen. 2,379,898; July 10.
Body maker, Can. J. F. Peters. 2,379,920; July 10.
Body mount. F. F. Kishline. 2,384,096; Sept. 4.
Body unit, Vehicle. R. A. Terry. 2,380,557; July 31.
Bogie for track laying or other vehicles, Articulated. V. G. Loyd. 2,386,620; Oct. 9.
Boiler: *See*—
Fire-tube boiler.
Range boiler.
Sectional boiler.
Steam boiler.
Waste heat boiler.
Boiler. G. I. Carter. 2,370,145; Feb. 27.
Boiler. C. D. Gibbs and R. K. Miller. 2,379,227; June 26.
Boiler. J. F. Livingood. 2,378,308; June 12.
Boiler-absorber. N. Erland af Kleen. 2,384,460; Sept. 11.
Boiler amplifier. M. C. Crotty. 2,386,842; Oct. 16.
Boiler cleaner. L. J. Bayer. 2,367,656; Jan. 23.
Boiler conditioning apparatus. F. W. Miller. Re. 22,590; Jan. 16.
Boiler construction. J. W. Throckmorton and J. S. Wallis. 2,375,505; May 8.
Boiler control, Steam. J. L. Pinkerton. 2,385,161; Sept. 18.
Boiler feed pump. W. E. Thomas. 2,379,841; July 3.
Boiler feed pump control. I. J. Karassik. 2,372,087; Mar. 20.
Boiler feed regulating apparatus. J. Loumiet et Lavigne. 2,377,254; May 29.
Boiler feed water regulation. J. A. Campbell. 2,376,029; May 15.
Boiler feedwater treatment process. T. L. Pankey and C. E. Imhoff. 2,382,902; Aug. 14.
Boiler steam baffling and dry pipe. C. A. Bonvillian, R. C. Brierly, and S. Letvin. 2,387,239; Oct. 23.
Boiler tube scraper. J. Zilliox. 2,377,598; June 5.
Bolt. S. T. and F. L. Farrell. 2,391,232; Dec. 18.
Bolt. W. H. Pumphrey. 2,388,658; Nov. 6.
Bolt action pump gun. W. B. Goff. 2,368,708; Feb. 6.
Bolt actuating mechanism for bolt action firearms. E. A. Shaffnit. 2,387,413; Oct. 23.
Bolt and mounting therefor. J. A. MacLean, Jr. 2,383,068; Aug. 21.
Bolt and mounting therefor. F. W. Shultz. 2,379,752; July 3.
Bolt and nut, Blind fastening. D. C. Benton. 2,385,126; Sept. 18.
Bolt, Cold rolled grip. E. J. Cole. 2,380,944; Aug. 7.
Bolt for door latches, Rotary. R. I. Schonitzer 2,374,840; May 1.
Bolt lock device. F. G. Beuer. 2,370,223; Feb. 27.
Bolt, Sleeve. M. Watter. 2,386,729; Oct. 9.
Bolt, Stake. J. J. Tomalis. 2,377,114; May 29.
Bolter drive. W. E. Norvell. 2,374,451; Apr. 24.
Bolting up double windows connected with one another. J. E. Lundholm. 2,389,375; Nov. 20.
Bomb. C. S. Allen, Jr. 2,388,459; Nov. 6.
Bomb. S. W. Firth. 2,372,264; Mar. 27.
Bomb, Aerial. C. H. Brown. 2,376,227; May 15.
Bomb, Aerial. J. L. Scott. 2,379,257; June 26.
Bomb and gun sight head, Combination. E. E. Flint. 2,367,207; Jan. 16.
Bomb, Artillery. D. J. Campbell. 2,375,522; May 8.
Bomb casing. J. C. Whitesell, Jr. 2,366,374; Jan. 2.
Bomb control unit. G. F. Towner. 2,378,259; June 12.
Bomb displacing gear. G. A. Bronson. 2,386,839; Oct. 16.
Bomb ejector. J. J. DiCarlo. 2,375,351; May 8.
Bomb equipment, Aircraft. E. I. Fenton. 2,376,994; May 29.
Bomb handling device. W. F. Wende. 2,366,820; Jan. 9.
Bomb, Incendiary. T. M. Finley. 2,385,502; Sept. 25.
Bomb installation. D. C. Rowe and S. T. Payne. 2,386,348; Oct. 9.
Bomb loading press. F. C. Wilson. 2,373,799; Apr. 17.
Bomb, Low altitude. J. H. Strong. 2,377,587; June 5.
Bomb protector. G. J. Frederick. 2,381,534; Aug. 7.
Bomb rack. J. Hojnowski. 2,371,994; Mar. 20.
Bomb rack. G. H. Leland. 2,379,364; June 26.
Bomb rack. G. H. Leland. 2,389,202; Nov. 20.

Bomb rack. J. O. York and J. C. Winslow. 2,374,066; Apr. 17.
Bomb rack control, Interconnected. D. S. and E. F. Lewis. 2,376,157; May 15.
Bomb release. L. J. Eyler. 2,391,012; Dec. 18.
Bomb release system. Z. A. M. Burreson. 2,374,978; May 1.
Bomb shackle operating mechanism. D. S. Elliott. 2,380,737; July 31.
Bomb sight. E. W. Chafee and H. C. Van Auken. 2,371,606; Mar. 20.
Bomb, Thermit. R. C. Hurrey. 2,391,242; Dec. 18.
Bombing apparatus for aircraft. H. J. Nichols. 2,374,885; May 1.
Bombs, Incendiary. S. B. Hamilton. 2,383,720; Aug. 28.
Bond, Making bi-metal. R. D. Pike. 2,370,108; Feb. 20.
Bond tightener and sealer. M. S. Harris. 2,389,777; Nov. 27.
Bonding composition, Aqueous. P. H. Rhodes. 2,385,374; Sept. 25.
Bonding metals, Process of and apparatus of. A. Longoria. 2,377,163; May 29.
Bone black, Treating. V. R. Deitz. 2,369,139; Feb. 13.
Bonnet, Reversible. I. Turchin. 2,367,074; Jan. 9.
Book: *See*—
Match book.
Book. H. E. Kallmann. 2,369,572; Feb. 13.
Book, Animated. G. J. Zaffo and A. Dutch. 2,372,349; Mar. 27.
Bookbinding. O. W. Sutter. 2,366,572; Jan. 2.
Bookbinding. R. A. Williams. 2,371,566; Mar. 13.
Book, Combination miner's check. J. A. Daly. 2,391,136; Dec. 18.
Bookkeeping machine. K. Aurbach. 2,387,554; Oct. 23.
Book lamp. J. Cohen. 2,377,538; June 5.
Book, magazine, pamphlet, or the like. H. H. Moreton. 2,367,136; Jan. 9.
Bookmark. L. Germain. 2,388,736; Nov. 13.
Bookmark. A. Pascoo. 2,387,607; Oct. 23.
Book mounting. H. P. Botts. 2,375,190; May 8.
Book, Multiple payment coupon. E. A. Kelly. 2,391,054; Dec. 18.
Book rest and holder, Collapsible. P. H. Thompson. 2,388,771; Nov. 13.
Book rest, Folding. J. H. H. Tiryakian. 2,373,617; Apr. 10.
Book signature feeding method. C. Schramm. 2,390,901; Dec. 11.
Bookstand. P. J. Brennan. 2,374,409; Apr. 24.
Book, Supplement. M. H. Harris. 2,386,740; Oct. 9.
Book toy. R. L. Ralston. 2,367,373; Jan. 16.
Boom. H. Cohen. 2,377,758; June 5.
Boom for industrial trucks, Detachable. J. B. Ulm. 2,386,759; Oct. 16.
Boom for load handling machines. R. H. Zellman. 2,382,767; Aug. 14.
Boom head. E. W. Taylor and P. Nielsen. 2,368,333; Jan. 30.
Boom stop. T. W. Thomas. 2,376,019; May 15.
Booster for turret lathes, Chucking. W. W. Jenkins. 2,366,908; Jan. 9.
Booster pump. J. A. Compton. 2,370,778; Mar. 6.
Booster regulator. F. H. Farmer. 2,381,271; Aug. 7.
Booster, Thin swath. W. G. Anderson. 2,391,763; Dec. 25.
Booster unit. E. Orshansky, Jr. 2,376,804; May 22.
Boot and shoe. S. J. Jarrell. 2,391,707; Dec. 25.
Boot and shoe. E. I. La Chapelle. 2,377,635; June 5.
Boot construction. E. M. Bonyhady. 2,378,461; June 19.
Boot holder. H. W. Hill. 2,383,651; Aug. 28.
Boot or shoe hanger. W. G. Stamm. 2,376,097; May 15.
Boot, Rubber. F. H. Martin. 2,377,022; May 29.
Boots and shoes and outsoles therefor. G. Supple. 2,381,937; Aug. 14.
Border filler and temporary dam forming machine, Irrigation. G. Loomis. 2,367,412; Jan. 16.
Bore gauge. J. H. Worthen. 2,385,122; Sept. 18.
Bore hole casings or the like, Method and apparatus for determining current flow in. W. H. Stewart. 2,371,658; Mar. 20.
Borehole indicating apparatus. G. L. Hassler. 2,380,520; July 31.
Borehole logging method and apparatus. D. G. C. Hare. 2,374,197; Apr. 24.
Borehole radio activity, Method and apparatus for dynamic measurement. S. Krasnow. 2,371,628; Mar. 20.
Bore holes, Method and apparatus for logging. D. G. C. Hare. 2,369,672; Feb. 20.
Bore holes, Method and apparatus for logging. D. G. C. Hare. 2,370,162; Feb. 27.
Boreholes, Method and apparatus for logging. G. Herzog. 2,378,408; June 19.
Boresighting adapter. J. H. Klopp, E. R. Koscera, and H. F. Finke. 2,367,288; Jan. 16.
Bore sighting apparatus. J. C. Christian and R. T. Seymour. 2,380,501; July 31.
Bores, Electrical logging of well. A. L. Smith. 2,371,270; Mar. 13.
Boring and milling machine. H. F. Phillips. 2,367,887; Dec. 25.
Boring bar. F. M. O'Brien, Jr. 2,391,794; Dec. 25.
Boring bar. J. Wanelik. 2,369,875; Feb. 20.
Boring bar. E. A. Zempel. 2,380,627; July 31.
Boring bar holder. G. E. Terwilliger. 2,366,370; Jan. 2.
Boring head. F. W. Hack. 2,372,376; Mar. 27.
Boring head. R. G. Le Torneau. 2,367,292; Jan. 16.
Boring machine. L. R. Williamson. 2,370,384; Feb. 27.
Boring machine, Horizontal. C. B. De Vlieg. 2,391,398; Dec. 25.
Boring tool. D. Seiter. 2,382,510; Aug. 14.
Boring tool. D. Seiter. 2,383,688; Aug. 28.
Boring tool. V. E. Smith. 2,372,027; Mar. 20.
Boring tool setting gauge. A. H. Talbot and H. H. Kroh. 2,375,448; May 8.
Boron fluoride, Recovering. E. L. Baldeschwieler and P. J. Gaylor. 2,381,027; Aug. 7.
Boron fluoride recovery. A. L. Rummelsburg. 2,374,957-8; May 1.
Boron fluoride recovery process. W. N. Axe. 2,378,968; June 26.
Boron trichloride, Manufacturing. H. S. Cooper. 2,369,212; Feb. 13.
Boron trichloride, Purifying. H. S. Cooper. 2,369,214; Feb. 13.
Boss forming process. T. W. Lowery. 2,373,901; Apr. 17.
Bottle. A. Fevas. 2,378,205; June 12.
Bottle. M. Harrison. 2,370,535; Feb. 27.
Bottle and the like, Authenticating device for filled. F. W. Farrell. 2,368,815; Feb. 6.
Bottle cap. V. Guarnaschelli. 2,388,050; Oct. 30.
Bottle case. H. L. Chapman. 2,375,467; May 8.
Bottle capper, Hand. H. A. Harder. 2,366,524; Jan. 2.
Bottle carrier. E. L. Arneson. 2,382,844; Aug. 14.
Bottle carrier. J. F. De Villard. 2,375,631; May 8.
Bottle carrier. H. J. Fischer. 2,383,183; Aug. 21.
Bottle carrier. G. H. Hutaff, Jr. 2,386,859; Oct. 16.
Bottle carrier. H. Leggett and Z. J. Pucci. 2,385,997; Oct. 2.
Bottle carrier. E. H. Lupton. 2,384,480; Sept. 11.
Bottle carrier. E. E. Morgan. 2,378,026; June 12.
Bottle carrier. E. C. Potter. 2,371,312; Mar. 13.
Bottle carrier. E. C. Potter. 2,373,851; Apr. 17.
Bottle carrier. W. A. Ringler. 2,371,317; Mar. 13.
Bottle carrier. J. Robinson, Jr., and M. L. Seibert. 2,377,520; June 5.
Bottle carrier. B. Rothstein. 2,371,471; Mar. 13.
Bottle carrier. A. Wesselman. 2,390,020; Nov. 27.
Bottle carrier. H. L. Whitacre. 2,372,871; Apr. 3.
Bottle cleaning apparatus. E. R. Becker. 2,385,050; Sept. 18.
Bottle closure. J. F. Millard. 2,389,072; Nov. 13.
Bottle closure and wick, Combined. M. Gelfand. 2,376,046; May 15.
Bottle conveyer. F. Gettelman. 2,369,557; Feb. 13.
Bottle, Dispensing. H. R. Stott. 2,370,820; Mar. 6.
Bottle disposal rack. G. F. Albrecht. 2,384,870; Sept. 18.
Bottle, Double-mouthed. F. H. Wheaton, Jr. 2,383,098; Aug. 21.
Bottle filler and capper machine. R. F. Dorrell. 2,383,781; Aug. 28.
Bottle filling machine, Irradiating. S. C. Whitman. 2,384,778; Sept. 11.
Bottle heater. R. R. Fisher. 2,370,238; Feb. 27.
Bottle holder. E. L. Arneson. 2,372,351; Mar. 27.
Bottle holder. S. N. Lebold. 2,389,318; Nov. 20.
Bottle mouth and stopper, Conjoint. E. R. Walsh and H. C. Ward. 2,367,908; Jan. 23.
Bottle, Nursing. J. H. Boxley. 2,379,562; July 3.
Bottle packaging machine. J. Cattonar and G. Olm. 2,371,026-7; Mar. 6.
Bottle reclaiming machine. A. S. Waters. 2,373,932; Apr. 17.
Bottle removing apparatus. E. Ardell. 2,368,796; Feb. 6.
Bottle vending machine. C. V. Rice and D. M. Kitterman. 2,371,316; Mar. 13.
Bottle washing machinery. C. L. Trier and J. W. Fogg. 2,367,652; Jan. 16.
Bottles, Machine for vending. J. E. Stewart. 2,389,283; Nov. 20.
Bottom hole intermitter. C. M. O'Leary. 2,368,999; Feb. 6.
Bouillon, Granular. S. Hermann, M. H. Hahn, and H. H. Dorer. 2,376,485-6; May 22.
Bowknot, Permanent. M. Lewis. 2,376,259; May 15.
Bowl, Centrifugal. A. E. Flowers. 2,369,822; Feb. 20.
Bowl, Centrifugal separating. H. O. Lindgren and H. Thylefors. 2,378,778; June 19.
Bowling alley. O. Hansley. 2,372,572; Mar. 27.
Bowling alley. J. Janes. 2,367,400; Jan. 16.
Bowling alley. R. E. Kennedy. 2,375,663; May 8.
Bowling alley. H. Sebell. 2,380,337; July 10.
Bowling ball. G. Keith. 2,372,958-9; Apr. 3.
Bowling pin setter. R. E. Rundell. 2,388,707; Nov. 13.
Bowling pin setting machine control mechanism. R. E. Rundell. 2,383,017; Aug. 21.
Bowling score projector. J. B. Coker. 2,381,260; Aug. 7.
Bowstring relay. E. U. Powell. 2,381,309; Aug. 7.

Box: *See*—
Collapsible box.
Core box.
Foldable box.
Foldable cardboard box.
Fuse packing box.
Greaseproof folding box.
Jewelry box.
Journal box
Knockdown box.
Lead screw gear threading box.
Lunch box.
Mail box.
Ornamental box.
Outlet box.
Peephole box.
Powder box.
Release box.
Self-sealing stuffing box.
Shipping box.
Stuffing box.
Tablet box.
Ventilated shipping box.

Box. R. V. Burdick. 2,379,679; July 3.
Box. R. V. Burdick. 2,379,680; July 3.
Box. R. Guyer. 2,374,530; Apr. 24.
Box. M. P. Junkin. 2,370,967; Mar. 6.
Box. M. P. Junkin. 2,388,267; Nov. 6.
Box. R. B. Meller. 2,366,419; Jan. 2.
Box. F. C. Shina. 2,373,423; Apr. 10.
Box. W. J. Tyrseck. 2,367,476; Jan. 16.
Box. J. H. Vineberg. 2,387,482; Oct. 23.
Box arrangement for electrical wiring system, Outlet. E. H. Rugg. 2,374,622; Apr. 24.
Box construction. W. F. Newhouse. 2,391,032; Dec. 18.
Box corners and reinforcement therefor, Reinforcing. D. E. Clark. 2,376,660; May 22.
Box covering machine. W. B. Betts. 2,369,940; Feb. 20.
Box extension, Outlet. L. H. Peevey. 2,378,861; June 19.
Box for electrical terminals, Connection. R. I. Schonitzer, E. L. Allen and H. B. Muster. 2,383,518; Aug. 28.
Box for electrical terminals, Connection. R. I. Schonitzer, E. L. Allen and H. B. Muster. 2,383,621; Aug. 28.
Box for inflatable suits, Detachable junction. R. S. Colley and C. P. Krupp. 2,389,895; Nov. 27.
Box for lathes, Roller. C. S. Harris. 2,389,853; Nov. 27.
Box for the heat-treatment of ferrous material, Packing. F. A. Endress. 2,385,407; Sept. 25.
Box-magazine construction for repeating firearms. C. G. Swebilius. 2,372,614; Mar. 27.
Box magazine latch mechanisms for repeating firearms. H. F. Sefried, II. 2,386,722; Oct. 9.
Boxmaking apparatus. C. D. Knowlton. 2,381,961; Aug. 14.
Box opening machine. A. LeBeau. 2,379,090; June 26.
Box or container. K. T. Buttery. 2,372,312; Mar. 27.
Box structure, Collapsible. F. V. Powell. 2,384,559; Sept. 11.
Box switch. J. A. Hallander. 2,383,546; Aug. 28.
Box top cap. F. N. La Chapelle. 2,379,010; June 26.
Box tie material and making the same. J. W. Wiley. 2,374,674; June 19.
Box wrench clip. N. Thompson. 2,368,902; Feb. 6.
Boxes, Forming cardboard. C. F. Klein. 2,387,272; Oct. 23.
Boxes, Staying paper. C. Straw. 2,367,698; Jan. 23.
Brace, End load. E. B. Johnson. 2,369,784; Feb. 20.
Brace, Furniture. S. Di Grado and C. C. Greco. 2,373,818; Apr. 17.
Brace, Sway. A. J. Loepsinger. 2,372,214; Mar. 27.
Bracelet, Extensible. S. Levine. 2,371,765; Mar. 20.
Bracket: *See*—
Adjustable bracket.
Brake support bracket.
Curtain bracket.
Fire hose safety bracket.
Floodlight bracket.
Orthodontic bracket.
Shade and curtain bracket.
Stud, rafter, and joist bracket.
Swing bracket.
Truss bracket.

Bracket and attachment, Hinge. H. D. Wimer, Jr., and F. H. Bender. 2,376,745; May 22.
Bracket for roof boards. J. Kott. 2,388,420; Nov. 6.
Bracket for shades or curtains, Window casing. A. Letoile. 2,382,887; Aug. 14.
Bracket for supporting Venetian blinds. C. H. Wood. 2,369,098; Feb. 6.
Braille teaching device. E. S. Wessborg. 2,371,325; Mar. 13.
Brake: *See*—
Airplane brake.
Auto trailer brake.
Band iron brake.
Car truck brake.
Clasp brake.
Disk brake.
Door closure with oil brake.
Dual brake.
Dual wheel brake.
Fishing line reel brake.
Fluid-actuated brake.
Fluid brake.
Fluid pressure brake.
Hand brake.
Heavy disk brake.
Hoist load brake.
Holding brake.
Hydraulic brake.
Industrial brake.
Internal shoe drum brake.
Liquid cooled brake.
Multiple-disk brake.
Propeller shaft brake.
Railway brake.
Rotor brake.
Truck brake.
Universal machine head brake.
Variable load brake.
Vehicle brake.
Wheel brake.

Brake. G. D. Brimble. 2,368,517; Jan. 30.
Brake. R. W. Brown. 2,381,393; Aug. 7.
Brake. A. L. Christiansen. 2,385,689; Sept. 25.
Brake. A. A. Coe. 2,374,526; Apr. 24.
Brake. A. S. Edmonds. 2,381,654–5; Aug. 7.
Brake. J. A. Forbes. 2,384,614; Sept. 11.
Brake. J. A. Forbes. 2,386,453; Oct. 9.
Brake. J. Francois. 2,372,319; Mar. 27.
Brake. R. A. Goepfrich. 2,367,115; Jan. 9.
Brake. R. A. Goepfrich. 2,372,322; Mar. 27.
Brake. R. A. Goepfrich. 2,374,536; Apr. 24.
Brake. R. A. Goepfrich. 2,376,686; May 22.
Brake. R. A. Goepfrich. 2,384,297; Sept. 4.
Brake. R. A. Goepfrich. 2,389,618; Nov. 27.
Brake. R. A. Goepfrich and B. E. House. 2,381,737; Aug. 7.
Brake. R. A. Goepfrich and J. W. White. 2,379,144; June 26.
Brake. J. G. Hawley. 2,371,168; Mar. 13.
Brake. H. J. and F. A. Hirschman. 2,389,311; Nov. 20.
Brake. B. E. House. 2,381,746; Aug. 7.
Brake. E. A. Mollenhauer. 2,374,117; Apr. 17.
Brake. J. G. Oetzel. 2,378,943; June 26.
Brake. R. C. Pierce. 2,386,907; Oct. 16.
Brake. O. Rasmussen. 2,385,540; Sept. 25.
Brake. P. A. Scott-Iversen. 2,371,554; Mar. 13.
Brake. J. Sneed. 2,369,320; Feb. 13.
Brake. J. Sneed. 2,376,828; May 22.
Brake. W. Stelzer. 2,375,292; May 8.
Brake. W. Stelzer. 2,377,277; May 29.
Brake. W. Stelzer. 2,385,168; Sept. 18.
Brake. A. O. Williams. 2,388,104; Oct. 30.
Brake. E. Zipper. 2,376,889; May 29.
Brake actuating means. R. A. Goepfrich. 2,376,685; May 22.
Brake actuating means, Making. R. A. Goepfrich. 2,381,736; Aug. 7.
Brake adjusting means, Motor. G. J. Meyer and C. M. Ploetz. 2,368,317; Jan. 30.
Brake adjusting mechanism. C. G. Keller. 2,377,014; May 29.
Brake and die set, Power press. F. H. Leslie. 2,382,077; Aug. 14.
Brake and power interlock apparatus. E. S. Cook. 2,381,208; Aug. 7.
Brake apparatus, Fluid pressure. J. Canetta and C. F. Hammer. 2,369,945; Feb. 20.
Brake apparatus, Fluid pressure. G. T. McClure. 2,379,308; June 26.
Brake applying means. A. O. Williams. 2,374,909; May 1.
Brake arrangement. P. W. Gaenssle. 2,383,376; Aug. 21.
Brake arrangement. A. H. Oelkers. 2,371,108; Mar. 6.
Brake assembly, Pear peeler stemming tube. G. A. Dunn. 2,380,934; Aug. 7.
Brake construction. E. L. Hollowell and M. T. Burk. 2,375,415; May 8.
Brake construction. A. O. Williams. 2,386,023; Oct. 2.
Brake control device. C. L. Eksergian and J. H. Coombes. 2,369,726; Feb. 20.
Brake control for vehicle trains. F. G. Born and J. G. Oetzel. 2,377,318; June 5.
Brake control mechanism. R. B. Grontkowski. 2,391,017; Dec. 18.
Brake control system. C. M. Hines. 2,369,968; Feb. 20.
Brake control valve. G. H. Hufferd. 2,375,110; May 1.
Brake control valve device. R. T. Whitney. 2,374,061; Apr. 17.
Brake controlling device. L. Wallerstein, Jr. 2,370,597; Feb. 27.
Brake cooling for centrifugals and the like. E. Roberts. Re. 22,686; Oct. 30.
Brake cylinder release means. S. G. Down. 2,383,242; Aug. 21.
Brake equalizer. J. A. Hicks. 2,382,223; Aug. 14.
Brake equipment, Railway. J. E. Smith. 2,373,425; Apr. 10.
Brake for crawler tracks. R. Q. Armington. 2,389,289; Nov. 20.
Brake for fishing reels. J. Margis, Jr. 2,374,551; Apr. 24.
Brake for heavy vehicles. I. R. Valentine. 2,379,767; July 3.
Brake for hoists. E. B. Lear. 2,382,644; Aug. 14.
Brake hanger. F. Schaefer. 2,373,420; Apr. 10.
Brakehead and brake beam adapter. M. S. Johnson. 2,382,794; Aug. 14.
Brakehead balancing device. N. Flesch. 2,387,132; Oct. 16.
Brake head balancing device. C. E. Tack. 2,380,803; July 31.
Brake hitch and release. J. Hovorka. 2,385,516; Sept. 25.
Brake lever assembly. H. S. Jandus. 2,377,690; June 5.
Brake lever control. H. S. Jandus. 2,377,691; June 5.
Brake mechanism. H. W. Alden, L. R. Buckendale, and R. K. Super. Re. 22,604; Feb. 20.
Brake mechanism. R. L. Barr. 2,387,711; Oct. 30.
Brake mechanism. F. W. Burger. 2,379,276; June 26.
Brake mechanism. A. C. Chambers. 2,391,129; Dec. 18.
Brake mechanism. J. H. Coombes. 2,382,543; Aug. 14.
Brake mechanism. H. F. Eby. 2,371,158; Mar. 13.
Brake mechanism. C. L. Eksergian. 2,382,551; Aug. 14.
Brake mechanism. C. L. Eksergian. 2,383,374; Aug. 21.
Brake mechanism. C. L. Eksergian and J. H. Coombes. 2,382,552; Aug. 14.
Brake mechanism. C. L. Eksergian and P. W. Gaenssle. 2,382,553–4; Aug. 14.
Brake mechanism. C. L. Eksergian and P. W. Gaenssle. 2,383,375; Aug. 21.
Brake mechanism. J. M. English. 2,376,042; May 15.
Brake mechanism. W. H. Farr. 2,374,853; May 1.
Brake mechanism. E. R. Fitch. 2,374,855; May 1.

Brake mechanism. T. B. Funk. 2,389,972; Nov. 27.
Brake mechanism. P. W. Gaenssle. 2,374,859; May 1.
Brake mechanism. P. W. Gaenssle and R. G. Stacy. 2,382,870; Aug. 14.
Brake mechanism. J. G. Oetzel. Re. 22,598; Feb. 6.
Brake Mechanism. W. R. Spiller. Re. 22,586; Jan. 2.
Brake mechanism. H. Walker. 2,389,096; Nov. 13.
Brake mechanism. C. H. White. 2,382,192; Aug. 14.
Brake mechanism, Adapter. H. T. Lambert. 2,379,972; July 10.
Brake mechanism, Drop staff. J. Wilson. 2,371,326; Mar. 13.
Brake mechanism for baby carriages. S. and N. J. Kroll. 2,389,671; Nov. 27.
Brake mechanism for railway vehicles. R. E. Beegle. 2,372,703; Apr. 3.
Brake mechanism, Hydraulic. R. J. Klimkiewicz. 2,377,699; June 5.
Brake mechanism, Safety. E. E. Stevenson. 2,371,857; Mar. 20.
Brake mechanism, Vehicle. I. W. Simpkins and E. R. Nelson. 2,369,259; Feb. 13.
Brake operating mechanism. L. T. Freeman and R. H. Shively. 2,379,796; July 3.
Brake operating mechanism. L. T. Freeman and R. H. Shively. 2,385,621–2; Sept. 25.
Brake operating mechanism, Hydraulic. J. G. Ingres. 2,374,545; Apr. 24.
Brake operator. B. H. Mossinghoff. 2,372,842; Apr. 3.
Brake or clutch. H. T. Kraft. 2,386,477; Oct. 9.
Brake release valve. O. E. Hamrick. 2,388,538; Nov. 6.
Brake releasing apparatus. R. T. Whitney. 2,369,994; Feb. 20.
Brake releasing apparatus. R. T. Whitney. 2,379,329; June 26.
Brake releasing apparatus. R. T. Whitney. 2,381,239; Aug. 7.
Brake rotor. C. L. Heater. 2,368,985; Feb. 6.
Brake rotor. C. E. Tack. 2,368,621; Feb. 6.
Brake shoe adjusting means. S. Schnell. 2,380,795; July 31.
Brake shoe assembling and disassembling device. M. H. Williams. 2,391,213; Dec. 18.
Brake shoes, Centralizing. S. Schnell. 2,391,074; Dec. 18.
Brake structure. R. D. Kisby. 2,377,430; June 5.
Brake support. P. W. Gaenssle. 2,377,140; May 29.
Brake support bracket. N. Flesch. 2,378,358; June 12.
Brake system. L. A. Majneri and W. A. Wiseman. 2,366,921; Jan. 9.
Brake system for connected vehicles. G. Keith. 2,380,785; July 31.
Brake testing apparatus. A. Brunner. 2,370,141; Feb. 27.
Brake valve device. E. E. Hewitt. 2,389,048; Nov. 13.
Brakes, Fluid motor for dual. L. G. Naumann. 2,367,734; Jan. 23.
Brakes on trailer vehicles, Controlling. J. Rodway. 2,370,582; Feb. 27.
Braking apparatus. R. B. Pogue. 2,378,100; June 12.
Braking device. H. E. Davidson. 2,389,031; Nov. 13.
Braking device, Automatic. C. M. Jameson. 2,381,755; Aug. 7.
Braking device for airplanes. A. D. Hansson. 2,384,997; Sept. 18.
Braking mechanism. C. J. Whitacre. 2,380,814; July 31.
Braking system. W. F. Boldt. 2,373,450; Apr. 10.
Braking system. W. R. Freeman. 2,366,608; Jan. 2.
Braking system. S. Schnell. 2,382,263; Aug. 14.
Braking system. W. Stelzer. 2,373,272; Apr. 10.
Braking system control means. W. F. Boldt. 2,366,173; Jan. 2.
Braking system for assisting vehicle steering. A. N. Milster. 2,366,207; Jan. 2.
Braking system for automotive vehicles. W. E. Chilton. 2,387,716; Oct. 30.
Braking system, Tractor-trailer. E. R. Price. 2,387,942; Oct. 30.
Branched stream control. C. L. Savidge. 2,380,676; July 31.
Brassière. M. Berns. 2,373,095; Apr. 10.
Brassière. N. Blum. 2,378,906–8; June 26.
Brassière. E. W. Gluckin. 2,374,093; Apr. 17.
Brassière. H. Gluckin. 2,388,535; Nov. 6.
Brassière. I. F. Hill. 2,391,417; Dec. 25.
Brassière. L. Hunan. 2,367,353; Jan. 16.
Brassière. L. Kaunitz. 2,383,804; Aug. 28.
Brassière. A. Licht. 2,380,978; Aug. 7.
Brassière. A. Miller. 2,388,757; Nov. 13.
Brassière. M. F. Moy. 2,389,450; Nov. 20.
Brassière. R. M. Reid. 2,372,855; Apr. 3.
Brassière. M. Witkower. 2,386,531; Oct. 9.
Brassière. M. Witkower. 2,390,142; Dec. 4.
Brassière, Nursing. M. Witkower. 2,386,530; Oct. 9.
Brazing. T. G. Crawford. 2,369,537; Feb. 13.
Brazing. F. E. Weick and C. De Boer. 2,366,164; Jan. 2.
Brazing alloy. W. A. Dean. 2,376,577–8; May 22.
Breadmaking machine. M. A. Olgiati. 2,382,657; Aug. 14.
Breaker: *See*—
Circuit breaker.

Breaker and valve, Siphon. J. D. Langdon. 2,382,427; Aug. 14
Breaker arm jig. G. Kells. 2,374,601; Apr. 24.
Breaker, Circuit. J. D. Hilliard. 2,381,592; Aug. 7.
Breakwater for seaplanes, flying boats and for other uses, Floating. E. W. McVitty. 2,388,171; Oct. 30.
Breather, Spark plug. H. C. Whittaker. 2,370,599; Feb. 27.
Breathing apparatus. G. M. Deming. 2,387,123; Oct. 16.
Breech-closing means for self-loading firearms. F. L. Humeston. 2,373,761; Apr. 17.
Breech mechanism for firearms. H. D. Penney. 2,370,189; Feb. 27.
Brew cooling. F. G. Merckel. 2,376,373; May 22.
Brewer and filter, Beverage. H. B. Wolper. 2,376,410; May 22.
Brewer, Coffee. J. G. Francis. 2,387,322; Oct. 23.
Briar for pipe manufacture, Curing. D. P. Lavietes. 2,367,360; Jan. 16.
Brick, Semisilica. H. M. Kraner. 2,384,180; Sept. 4.
Bridge and hanger system. G. A. Maney. 2,380,183; July 10.
Bridge and making the same, Rigid frame. E. M. Wichert. 2,373,072; Apr. 3.
Bridge for fastener devices. A. Venditty. 2,367,812; Jan. 23.
Bridge for goggle frames, Adjustable connecting. C. Fischer. 2,386,175; Oct. 9.
Bridge or crane, Interlocking transfer. F. W. Everard. 2,383,051; Aug. 21.
Bridge, Portable. R. G. Le Tourneau. 2,367,291; Jan. 16.
Bridge structure, Portable. J. M. Guthrie. 2,382,478; Aug. 14.
Bridge, Suspension. W. C. Whitnall. 2,368,907; Feb. 6.
Bridges and other metal frame structures, Construction of. D. C. Bailey. 2,376,023; May 15.
Bridging plug. G. F. Turechek. 2,382,455; Aug. 14.
Bright dip. H. R. Dittmar. 2,382,865; Aug. 14.
Briquet and manufacturing same. E. S. Mead. 2,370,060; Feb. 20.
Briquette, Detergent. J. D. MacMahon. 2,382,163–5; Aug. 14.
Briquettes for alloying. A. Linz. 2,381,675; Aug. 7.
Briquetting press. P. E. Flowers. 2,384,163; Sept. 4.
Broach sharpening machine. H. H. Gotberg. 2,388,785; Nov. 13.
Broach, Surface. J. A. Markstrum. 2,390,722; Dec. 11.
Broach, Tube sizing. J. Y. Blazek. 2,388,948; Nov. 13.
Broaching apparatus. L. B. Green. 2,382,628; Aug. 14.
Broaching apparatus. F. W. Helming. 2,387,582; Oct. 23.
Broaching machine. O. W. Bonnafe. 2,373,995; Apr. 17.
Broaching machine. O. W. Bonnafe. 2,386,838; Oct. 16.
Broaching machine. F. J. Lapointe and J. W. Podesta. 2,371,053; Mar. 6.
Broaching machine. B. Welte. 2,385,119; Sept. 18.
Broaching machine, Horizontal. O. W. Bonnafe. 2,386,837; Oct. 16.
Broiler. S. S. Rubenstein. 2,386,815; Oct. 16.
Broiler, Electric. H. E. Brannon. 2,386,426; Oct. 9.
Broiling apparatus, Rotatable. W. H. Stangle. 2,387,621; Oct. 23.
Broken filament counter. J. L. Michaelson. 2,367,958; Jan. 23.
Broken studs, Removing. E. A. Fuglie. 2,391,405; Dec. 25.
Bromine, Absorption of. A. T. Williamson and F. Bradley. 2,388,586; Nov. 6.
Bromine extraction. J. J. Grebe, W. C. Bauman, and H. A. Robinson. 2,371,886; Mar. 20
Bronzing apparatus. A. Bell. 2,373,991; Apr. 17.
Brooch, Illuminated. J. H. O'Donnell. 2,374,375; Apr. 24.
Brooder. J. D. Burkholder, Jr. 2,385,682; Sept. 25.
Brooder. O. B. Kerr. 2,388,157; Oct. 30.
Broom, Cleaning. J. Friedel. 2,388,356; Nov. 6.
Brucine-lacone compound. M. Tishler and R. H. Beutel. 2,390,281; Dec. 4.
Brush: *See*—
Power-operated tooth brush.

Brush. E. Berheim. 2,385,490; Sept. 25.
Brush. H. D. Haase. 2,390,705; Dec. 11.
Brush and brush material. R. O. Peterson. 2,388,867; Nov. 13.
Brush assembly. R. M. Nardone. 2,381,982; Aug. 14.
Brush, Car washing. H. B. Caldwell. 2,372,933; Apr. 3.
Brush, Commutator. M. F. Peters. 2,375,818; May 15.
Brush construction and mounting therefor. D. F. O. Wesemeyer. 2,379,205; June 26.
Brush, Dabbing. A. P. Cadeau. 2,382,541; Aug. 14.
Brush, Dabbing. C. G. Rowland. 2,367,650; Jan. 16.
Brush, Fountain. O. J. Herb. 2,382,314; Aug. 14.
Brush, Fountain. M. A. Kollmeyer. 2,385,865; Oct. 2.
Brush holder. L. D. Leach and L. G. Strom. 2,382,799; Aug. 14.
Brush holder. R. A. Manny. 2,382,894; Aug. 14.
Brush holder and combination tool. J. C. Honhart. 2,368,988; Feb. 6.
Brush making machine. L. E. Jones. 2,368,661; Feb. 6.
Brush, Massaging and shampooing scalp. H. L. Wilensky. 2,379,330; June 26.
Brush operating mechanism. R. M. Nardone. 2,377,260; May 29.
Brush, Sanitary. F. Satz and M. Berns. 2,373,711; Apr. 17.
Brush stitching machine. J. B. Wooster. 2,378,456; June 19.

Brush, Tooth. B. A. Babel. 2,386,085; Oct. 2.
Brushes and the like, Production of. R. F. Hayes. 2,390,437; Dec. 4.
Brushes, Making. O. W. Sticht. 2,391,077; Dec. 18.
Bubble cap. G. A. O'Brien. 2,391,502; Dec. 25.
Bubble cap. C. F. Ramseyer and F. W. de Jahn. 2,378,157; June 12.
Bubble forming device. I. McLaren. 2,382,949; Aug. 14.
Bubbling ornament, Illuminated. J. H. Kloner. 2,378,934; June 26.
Bucket and discharge device therefor, Spinning. H. E. Pape. 2,367,237; Jan. 16.
Bucket assembly, Centrifugal. H. D. Haley and J. J. Burke. 2,375,469; May 8.
Bucket assembly, Spinning. H. D. House. 2,391,781; Dec. 25.
Bucket, Automatic grab. P. T. Robin. 2,377,184; May 29.
Bucket, Centrifugal spinning. H. Crewdson. 2,367,338; Jan. 16.
Bucket, Centrifugal spinning. H. E. Pape. 2,367,339; Jan. 16.
Bucket Elevator. B. B. Gemeny. 2,370,531; Feb. 27.
Bucket Excavating. R. O. Billings. 2,382,955; Aug. 21.
Bucket for electric furnaces and the like, Charging. J. McIlwrick and O. Desjardins. 2,387,457; Oct. 23.
Bucket for exhaust turbine superchargers, Turbine. W. Merrick. 2,381,459; Aug. 7.
Bucket hanger. V. A. Thomas. 2,381,189; Aug. 7.
Buckle. M. H. Ballard. 2,380,383; July 31.
Buckle. A. Loos, Jr. 2,388,752; Nov. 13.
Buckle. F. E. Mefford. 2,386,251; Oct. 9.
Buckle. R. E. Schreiber. 2,384,197; Sept. 4.
Buckle. P. W. White and L. R. Ryan. 2,377,287; May 29.
Buckle and buckle connection. G. B. Wilson. 2,379,128; June 26.
Buckle construction. M. Zola. 2,368,283; Jan. 30.
Buckle, Recouping. M. H. Kanary. 2,386,473; Oct. 9.
Buckle, Safety. H. F. George. 2,369,225; Feb. 13.
Buffer for loom bobbin receivers. R. G. Turner. 2,380,807; July 31.
Buffing and polishing wheel. B. C. Case. 2,384,599; Sept. 11.
Buffing machine, Automatic multiple. P. J. Belcourt. 2,386,649; Oct. 9.
Buffing machine for rubberlike materials. F. S. Grover. 2,367,839; Jan. 23.
Builder mechanism. F. M. Roddy. 2,386,748; Oct. 16.
Builder motion. J. J. Sippel. 2,385,888; Oct. 2.
Builder motion. A. E. Winslow. 2,380,354; July 10.
Building block. E. T. Putnam. 2,375,384; May 8.
Building blocks, Making. L. Gelbman, E. F. Olsen, and A. B. Mays. 2,366,780; Jan. 9.
Building compositions, Preparing. A. Sommer. 2,372,230; Mar. 27.
Building construction. R. L. Davison. 2,372,187; Mar. 27.
Building construction. R. L. Davison. 2,372,768; Apr. 3.
Building construction. A. W. Hedgren. 2,388,968; Nov. 13.
Building construction. T. F. King. 2,377,788; June 5.
Building construction. J. Loewenstein. 2,380,600; July 31.
Building construction. W. V. Myer. 2,373,409; Apr. 10.
Building construction. A. G. Norden. 2,368,770; Feb. 6.
Building construction. W. B. North. 2,380,460; July 31.
Building construction. C. H. Sacks. 2,390,179; Dec. 4.
Building construction. H. P. Weierman. 2,372,919; Apr. 3.
Building construction. P. Westveer. 2,372,038; Mar. 20.
Building construction. R. B. Williamson. 2,378,275; June 12.
Building construction, Prefabricated. F. B. Forward. 2,379,910; May 15.
Building construction, Suspended. R. W. Marshall. 2,386,622; Oct. 9.
Building construction, Wooden. P. R. Goldman. 2,380,834; July 31.
Building element. C. W. Kraus. 2,384,686; Sept. 11.
Building element. O. Wack. 2,380,885; July 31.
Building form. V. H. Hasselquist and W. B. Freeman. 2,367,772; Jan. 23.
Building members, Manufacturing laminated. V. J. Winkel. 2,389,944; Nov. 27.
Building panel. C. V. Sweet. 2,381,469; Aug. 7.
Building siding material. H. C. Koch. 2,382,234; Aug. 14.
Building slab and manufacture, Hollow precast. F. M. Crowe. 2,370,638; Mar. 6.
Building structure. B. E. Balduf. 2,389,573; Nov. 20.
Building structure. J. H. Brown. 2,390,418; Dec. 4.
Building structure. L. Deddo. 2,389,899; Nov. 27.
Building structure. J. E. Hazeltine, Jr. 2,371,049; Mar. 6.
Building structure. D. G. B. Hill. 2,376,695; May 22
Building structure. R. F. McCloskey, Jr., and M. C. Knabe. 2,378,567; June 19.
Building structure. A. Smith. 2,373,789; Apr. 17.
Building structure. P. L. Wiener. 2,382,361; Aug. 14.
Building structure, Apartment. G. H. Burrows. 2,383,445; Aug. 28.
Building structure, Interlocking. R. O. Sheldon. 2,384,198; Sept. 4.
Building tape, Means and method for cementing and applying. W. Petty. 2,366,674; Jan. 2.
Building tape, Method and device for applying. W. Petty. 2,366,675; Jan. 2.
Building unit and construction. M. O. Hafsos. 2,387,659; Oct. 23.
Building unit, Interlocking. E. O. Brostrom. 2,377,398; June 5.
Building units, Making sheet metal. C. R. Austin and G. H. Duncombe, Jr. 2,371,124; Mar. 13.
Bulk density of coke oven charges, Regulating the. F. D. Lohr, and G. V. McGurl. 2,378,420; June 19.
Bulldozer. E. B. Maloon and W. H. Yount. 2,375,483; May 8.
Bulldozer. T. R. Paulsen. Re. 22,613; Mar. 6.
Bulldozer and shovel, Combination. W. A. Maxwell. 2,387,764; Oct. 30.
Bullet handling apparatus. R. W. Vergobbi. 2,376,293; May 15.
Bullet, Tracer. N. K. Turnbull. 2,381,474; Aug. 7.
Bullets, Making. J. H. Friedman. 2,379,701; July 3.
Bullets, Packing. R. W. Vergobbi. 2,389,285; Nov. 20.
Bunch locating and transfer mechanism. J. F. Halstead. 2,389,256; Nov. 20.
Bundle for rail anchors, Shipping. F. A. Preston. 2,370,417; Feb. 27.
Bundle sealing machine. W. L. Irvine. 2,372,578; Mar. 27.
Bundle tying machine. A. H. Saxton. 2,374,900; May 1.
Bundler, Threshed straw. M. M. Weaver. 2,378,522; June 19.
Bungs, Forming. G. W. Lawton. 2,378,713; June 19.
Bunk, Logging. G. A. Baird. 2,377,201; May 29.
Bunk, Trailer logging. C. R. Shuey. 2,377,723; June 5.
Buoy, Mooring. H. P. Beach, Jr. 2,381,394; Aug. 7.
Buoyant material. W. H. Moss. 2,374,372; Apr. 24.
Buoyant safety light. G. M. Marr. 2,369,971; Feb. 20.
Buoyant safety light. G. M. Marr. 2,389,266; Nov. 20.
Burner; *See*—
- Adjustable liquid fuel burner.
- Air controlled fuel burner.
- Crude oil burner.
- Engine operated burner.
- Fluent burner.
- Fluid fuel burner.
- Fuel burner.
- Gas and oil burner.
- Gas burner.
- Gas generating burner.
- Horizontal pot type burner.
- Horizontal type rotary oil burner.
- Liquid fuel burner.
- Multiple fuel burner.
- Oil burner.
- Plate burner.
- Pot type burner.
- Relighting liquid-fuel burner.
- Rectangular pot burner.
- Shape burner.
- Trash burner.
- Vaporizing burner.
- Wall flame type burner.

Burner. J. G. Behrendt and L. C. Ruthy. 2,369,999; Feb. 20.
Burner. O. Fortis. 2,386,848; Oct. 16.
Burner. J. Huribut, T. J. Davidson, and R. N. Bowman. 2,372,953; Apr. 3.
Burner. L. J. Kraps. 2,379,161; June 26.
Burner. W. A. Morton. 2,385,153; Sept. 18.
Burner. H. D. Sterick. 2,376,520; May 22.
Burner. A. Stockstrom, E. H. Kahler, and V. Morrill, Jr. 2,372,611; Mar. 27.
Burner and improved air admission means therefor, Pot type. B. Hayter. 2,381,744; Aug. 7.
Burner and pilot baffle therefor, Pot type. B. Hayter. 2,371,520; Mar. 13.
Burner and regulator therefor, Oil. J. H. McIlvaine. 2,387,280; Oct. 23.
Burner and support therefor. W. Newcomb. 2,382,900; Burner construction for cookers. S. Dawson. 2,372,363; Mar. 27.
Burner control. H. A. Crews. 2,388,124; Oct. 30.
Burner control. R. W. Johnson. 2,378,483; June 19.
Burner control. E. W. Roberts and J. Converse. 2,374,459; Apr. 24.
Burner control apparatus. T. A. Cohen. 2,388,386; Nov. 6.
Burner control apparatus. R. K. Engholdt. 2,372,564; Mar. 27.
Burner control apparatus. R. L. Longini. 2,376,496; May 22.
Burner control apparatus. L. V. McCarty. 2,375,569; May 8.
Burner control apparatus. V. R. Tate. 2,370,205; Feb. 27.
Burner control device. V. O. Beam and J. M. Wilson. 2,379,871; July 10.
Burner control means. W. S. Landon. 2,389,519; Nov. 20.
Burner control mechanism. V. O. Beam. 2,371,020; Mar. 6.
Burner control mechanism. G. D. Bower. 2,388,666; Nov. 13.
Burner control system. J. B. Boyer. 2,390,985; Dec. 18.
Burner control system. O. T. McIlvaine. 2,371,057; Mar. 6.
Burner control system. W. A. Ray. 2,390,172; Dec. 4.
Burner control system, J. J. Rothwell and L. B. Wagner. 2,367,059; Jan. 9.
Burner control system. C. B. Spangenberg and A. H. Swanson. 2,368,893; Feb. 6.

Burner control system. D. G. Taylor and W. H. Gille. 2,385,426; Sept. 25.
Burner for liquid and gaseous fuels, Combination. A. J. Turpin. 2,368,178; Jan. 30.
Burner structure. R. Groetchen. 2,375,412; May 8.
Burner structure. B. Pratt. 2,387,680; Oct. 23.
Burner unit. T. R. and M. L. Lewers and G. Cairns. 2,367,590; Jan. 16.
Burner with corrugated ring, Pot type. J. L. Breese and B. Hayter. 2,381,864; Aug. 14.
Burner with scoop pilot ring, Pot type. B. Hayter. 2,388,914; Nov. 13.
Burnish gold. K. H. Ballard. 2,383,704; Aug. 28.
Burnishing tool. A. E. Comstock. 2,378,838; June 19.
Burnishing tool. A. H. Haberstump. 2,378,843; June 19.
Burr from strips, Removing. E. E. Davis and T. F. Stevens. 2,381,807; Aug. 7.
Burr-removing tool. F. Griffith. 2,372,486; Mar. 27.
Burr removing tool. D. A. Johnston. 2,379,238; June 26.
Burring machine. G. Gerung. 2,384,164; Sept. 4. Aug. 14.
Burring tool. C. A. Tea and K. H. Luther. 2,377,462; June 5.
Bursting machine. J. E. Euth. 2,375,542; May 8.
Bus bars, Joining. H. C. Kalwitz. 2,387,154; Oct. 16.
Bus transfer. F. C. Igiehart and B. L. Ullrich. 2,370,039; Feb. 20.
Bushing. H. J. Lingal. 2,372,098; Mar. 20.
Bushing. E. F. Riesing. 2,367,832; Jan. 23.
Bushing. S. Terpak and L. Wetherill. 2,381,787; Aug. 7.
Bushing, Anchorage screw. R. A. Granholm. 2,376,689; May 22.
Bushing and the like, Self-staking. A. M. Griffin. 2,372,485; Mar. 27.
Bushing, Bung. A. Lowy. 2,385,294; Sept. 18.
Bushing, Cable guide. R. W. Brown. 2,367,836; Jan. 23.
Bushing, Flexible. G. D. Shere. 2,383,018; Aug. 21.
Bushing, Jig-appliance. H. Testo. 2,369,869; Feb. 20.
Bushing, Spring driven guide. D. I. Wilson. 2,368,794; Feb. 6.
Business instrument. H. M. Whittlesey. 2,371,007; Mar. 6.
Business instrument and preparation of the same. H. M. Whittlesey. 2,371,008; Mar. 6.
Butadiene-acrylonitrile copolymers, Improving. A. M. Clifford and W. D. Wolfe. 2,386,661; Oct. 9.
Butadiene and butylene from hydrocarbon mixtures, Method of separating. C. L. Gregg. 2,390,934; Dec. 11.
Butadiene and butylene from mixtures comprising the same, Separation of. H. S. Nutting and L. H. Horsley. 2,370,064; Feb. 20.
Butadiene contaminated with monovinylacetylene, Refining. F. W. Breuer. 2,391,004; Dec. 18.
Butadiene copolymers. C. F. Fryling. 2,384,545; Sept. 11.
Butadiene copolymers. C. F. Fryling. 2,384,547; Sept. 11.
Butadiene copolymers and preparing same. D. Craig. 2,384,535; Sept. 11.
Butadiene, Extraction of. D. Craig. 2,388,041; Oct. 30.
Butadiene, Extraction of. E. V. Fasce and L. E. Pirkle. 2,389,658; Nov. 27.
Butadiene from actylenes, Separating. C. E. Morrell and M. W. Swaney. 2,388,928; Nov. 13.
Butadiene hydrocarbons and aryl olefins, Copolymerization of. C. F. Fryling. 2,366,328; Jan. 2.
Butadiene hydrocarbons, Polymerization of. G. L. Browning, Jr. 2,380,401; July 31.
Butadiene, Manufacture of. K. H. Hachmuth. 2,387,992; Oct. 30.
Butadiene, Manufacture of. W. J. Mattox. 2,378,650; June 19.
Butadiene, Manufacture of. W. J. Mattox. 2,383,205; Aug. 21.
Butadiene, Manufacture of. H. Pines and V. N. Ipatieff. 2,391,508–9; Dec. 25.
Butadiene-1,3 copolymers. W. D. Stewart and B. M. G. Zwicker. 2,384,574; Sept. 11.
Butadiene-1,3 hydrocarbons, Polymerization of. G. L. Browning, Jr. 2,376,338; May 22.
Butadiene 1,3 hydrocarbons, Polymerization of. G. L. Browning, Jr. 2,380,400; July 31.
Butadiene-1,3 hydrocarbons, Polymerization of. G. L. Browning, Jr. 2,380,402; July 31.
Butadiene-1,3 hydrocarbons, Polymerization of. G. L. Browning, Jr., and B. M. G. Zwicker. 2,376,339; May 22.
Butadiene-1,3 hydrocarbons, Polymerization of. W. L. Semon. 2,380,471; July 31.
Butadiene-1,3 hydrocarbons, Polymerization of. W. D. Stewart. 2,380,905; July 31.
Butadiene-1,3 hydrocarbons, Stabilization of. C. F. Fryling and W. L. Semon. 2,373,754; Apr. 17.
Butadiene-1,3, Polymerization of. C. F. Fryling. 2,366,326–7; Jan. 2.
Butadiene-1,3, Polymerization of. W. L. Semon. 2,376,390–1; May 22.
Butadiene-1,3 polymers, Stabilized. W. L. Semon. 2,375,042; May 1.
Butadiene, Preparation of. S. B. Becker and M. H. Arveson. 2,376,987; May 29.
Butadiene production. K. H. Hachmuth. 2,386,310; Oct. 9.
Butadiene production by the pyrolysis of diisopropyl. E. L. d'Ouville and A. G. Oblad. 2,376,961; May 29.
Butadiene production. R. J. Patterson. 2,391,188; Dec. 18.
Butadiene, Production of. C. E. Ayres. 2,391,117; Dec. 18.
Butadiene, Production of. F. R. Balcar. 2,374,405; Apr. 24.
Butadiene, Production of. F. E. Frey. 2,382,473; Aug. 14.
Butadiene, Production of. H. C. Huffman. 2,385,705; Sept. 25.
Butadiene, Production of. V. N. Ipatieff. 2,374,433; Apr. 24.
Butadiene, Production of. A. E. Lorch. 2,371,530; Mar. 13.
Butadiene, Production of. A. E. Lorch. 2,371,634; Mar. 20.
Butadiene, Production of. A. E. Lorch. 2,384,108; Sept. 4.
Butadiene, Production of. A. E. Lorch. 2,386,324–5; Oct. 9.
Butadiene, Production of. W. J. Mattox. 2,378,649; June 19.
Butadiene, Production of. W. A. Schulze. 2,371,848; Mar. 20.
Butadiene, Production of. R. C. Tollefson. 2,373,153; Apr. 10.
Butadiene, Production of. C. S. Wynn. 2,374,253; Apr. 24.
Butadiene, Purification of. D. Craig. 2,373,170; Apr. 10.
Butadiene, Purification of. H. G. Daley, D. J. Crowley, D. E. Badertscher, and H. L. Coonradt. 2,386,770; Oct. 16.
Butadiene, Purification of. W. L. Semon. 2,366,360; Jan. 2.
Butadiene, Purification of. W. L. Semon and D. Craig. 2,366,361–2; Jan. 2.
Butadiene recovery. H. I. Wolff. 2,390,764; Dec. 11.
Butadiene, Separating and concentrating. C. E. Morrell and M. W. Swaney. 2,375,576; May 8.
Butadienes, Polymerization of. C. F. Fryling. 2,379,431; July 3.
Butane fuel device. J. Riise. 2,368,680; Feb. 6.
Butane to butadiene, Conversion of normal. E. D. Reeves. 2,388,078; Oct. 30.
Butanes into high antiknock motor fuel, Conversion of. E. L. D'Ouville and B. L. Evering. 2,369,444; Feb. 13.
Butene, Isomerization of normal. W. J. Mattox. 2,377,352; June 5.
Butenes from a sulphuric acid solution thereof, Recovery and regeneration of normal. H. J. Hibshman and W. T. Knox, Jr. 2,388,971; Nov. 13.
Butenes to isobutene, Isomerizing normal. V. N. Ipatieff and R. E. Schaad. 2,386,468; Oct. 9.
Butter conditioner. A. F. Wild. 2,375,714; May 8.
Butter mold. J. M. Charlton. 2,370,522; Feb. 27.
Butter working machine. A. C. and G. S. Hougland. 2,379,356; June 26.
Button. M. Cohen. 2,383,238; Aug. 21.
Button attaching machine. F. H. Peterson. 2,377,263; May 29.
Buttonhole construction. J. Neuman. 2,389,272; Nov. 20.
Button, Push. A. F. Horlacher. 2,389,259; Nov. 20.
Button sewing machine. W. T. Maxant. 2,383,875; Aug. 28.
Button winding machine. S. W. Avis. 2,391,378; Dec. 25.
Buttons and similar articles, Mounting. S. Eppy. 2,369,032; Feb. 6.
Butylenes, Manufacture of. C. K. Viland and H. Y. Hyde. 2,388,069; Oct. 30.
Butyrolactones and preparing them. R. C. Elderfield and E. R. Blout. 2,390,526; Dec. 11.
Butyrometer. A. L. Stigen. 2,377,586; June 5.
By-pass control valve. H. Cruzan and H. T. Booth. 2,391,551; Dec. 25.
By-pass valve. M. Caserta. 2,375,077; May 1.
C clamp. H. F. Husted. 2,366,263; Jan. 2.
Cab structure for Diesel engines. H. B. Peterson, Jr. 2,385,642; Sept. 25.
Cab, Tilting. LeB. W. Kinney, Jr. 2,376,491; May 22.
Cabin pressure of aircraft, System for controlling. L. N. Schwien. 2,391,197; Dec. 18.
Cabinet; *See*—
- Chilling cabinet.
- Collapsible wardrobe cabinet.
- File cabinet.
- Filing cabinet.
- Fire resisting cabinet.
- Game cabinet.
- Knockdown corner cabinet.
- Office cabinet.
- Phonograph disk record cabinet.
- Portable parts cabinet.
- Professional cabinet.
- Radio cabinet.
- Refrigerator cabinet.
- Towel cabinet.
- Wall cabinet.

Cabinet. A. H. Ahrndt. 2,376,411; May 22.
Cabinet. E. M. Collins. 2,370,231; Feb. 27.
Cabinet. F. J. Dawson. 2,370,941; Mar. 6.
Cabinet. H. Derman. 2,386,664; Oct. 9.
Cabinet. A. P. Hultgren, H. E. Moore, R. H. Bennett, and N. W. Cummins. 2,372,672; Apr. 3.
Cabinet construction, Corner. H. C. Bullard. 2,368,285; Jan. 30.
Cabinet device, Baby's bath. R. C. Lewis. 2,374,110; Apr. 17.

Cabinet door fastening device. E. C. Worthley. 2,380,095; Aug. 7.
Cabinet for foods or the like. S. Knapp. 2,388,746; Nov. 13.
Cabinet for phonograph records and the like, Storage. J. Mandel. 2,370,252; Feb. 27.
Cabinet, incubator, and the like, Heating. M. Bramson. 2,379,474; July 3.
Cabinet locking means. W. D. Rossiter. 2,374,898; May 1.
Cabinet or the like. L. Kaiser. 2,388,978; Nov. 13.
Cabinet structure, Dispensing. E. H. Cooper. 2,367,202; Jan. 16.
Cabinet top. A. P. Geimer. 2,378,402; June 19.
Cabinet with drawers. F. F. Loeb and J. E. Bales. 2,382,429; Aug. 14.
Cable: *See*—
Electric cable.
Electric power cable.
Heavy-duty control cable.
Mine sweeping cable.
Transmission cable.
Cable and fuel hose, Combination towing. J. F. Wadsworth, Jr. 2,374,249; Apr. 24.
Cable and structural shape cutter. P. S. Pell and A. F. Wallace. 2,384,130; Sept. 4.
Cable armor cutter. R. R. Kramer. 2,374,753; May 1.
Cable attachment, Hoisting. J. A. Spisak. 2,368,171; Jan. 30.
Cable clamp. F. E. Johnson. 2,373,833; Apr. 17.
Cable clamp. E. S. Knochel and J. J. Pasela. 2,372,962; Apr. 3.
Cable clamp. J. A. McMurphy. 2,374,875; May 1.
Cable clamp. H. C. Nielsen. 2,385,225; Sept. 18.
Cable clamp. H. J. Rolland. 2,368,326; Jan. 30.
Cable clamp. L. M. Russ. 2,369,413; Feb. 13.
Cable connector. R. W. Clinkscale, W. McL. Hague, and E. W. Sylvester. 2,379,424; July 3.
Cable connector. K. Moody. 2,366,747; Jan. 9.
Cable connector. H. Purat. 2,371,185; Mar. 13.
Cable control, Remote. R. Neuschotz. 2,389,737; Nov. 27.
Cable elbow. J. E. Harvlie. 2,387,729; Oct. 30.
Cable entrenching machine. H. S. Bacon. 2,373,652; Apr. 17.
Cable for terminal banks, Ribbon. G. Deakin. 2,370,846; Mar. 6.
Cable forming apparatus. A. O. Ryan. 2,369,858; Feb. 20.
Cable forming apparatus. A. O. Ryan. 2,372,162; Mar.
Cable or rope capping machine. T. Lepkowski. 2,390,598; Dec. 11.
Cable slitter. R. J. Montgomery. 2,385,368; Sept. 25.
Cable slitter. R. J. Montgomery. 2,388,698; Nov. 13.
Cable splicing apparatus. B. O. Adkerson. 2,377,394; June 5.
Cable splicing clamp. H. H. Merriman. 2,388,862; Nov. 13.
Cable system for high frequency transmission. H. Mouradian. 2,373,906; Apr. 17.
Cable tension regulator. E. B. Cushman. 2,371,130; Mar. 13.
Cable tension regulator. V. A. Tauscher. 2,375,050; May 1.
Cable terminal and making same, Tool. J. Rogoff. 2,371,469; Mar. 13.
Cable terminating means. C. A. Webber. 2,379,942; July 10.
Cable termination and joint, High voltage electric. C. J. Beaver, E. L. Davey, and J. H. Pirie. 2,386,185; Oct. 9.
Cable tool. G. W. Crowder. 2,380,725; July 31.
Cables, Forming reinforced sheathed. C. E. Bennett. 2,373,068; May 1.
Cadmium, Electrolytic deposition of. C. G. Harford. 2,377,228; May 29.
Caffein from coffee extract, Removal of. H. Grossman. 2,375,550; May 8.
Cage for rayon or the like. R. W. Hoagland. 2,380,526; July 31.
Cage for roller bearings. J. B. Baker. 2,383,233; Aug. 21.
Cage for roller bearings. H. Styri. 2,375,145; May 1.
Cage nut tool. M. Schutz. 2,384,347; Sept. 4.
Caging device, Gyro. B. G. Carlson. 2,369,278; Feb. 13.
Caisson and sinking. G. A. Long. 2,373,319; Apr. 10.
Cake slitting machine. W. Wennmann. 2,380,564; July 31.
Calcining apparatus. V. J. Azbe. 2,370,281; Feb. 27.
Calcining process and apparatus. H. C. Jessen. 2,383,254; Aug. 21.
Calcium and magnesium compounds from dolomite, Production of. F. Elkington and H. H. Chesny. 2,386,389; Oct. 9.
Calcium chromate, Production of. E. A. MacColl. 2,368,481; Jan. 30.
Calcium citrate, Production of. G. M. Cole. 2,389,766; Nov. 27.
Calcium cyanide, Producing high-grade. L. J. Christmann and A. G. Houpt. 2,386,434; Oct. 9.
Calcium naphthenate in hydrocarbon extraction. M. Buis and L. Belchetz. 2,383,768; Aug. 28.
Calcium nitrate, Production of substantially anhydrous. H. de Bruijn and M. H. R. J. Plusje. 2,375,898; May 15.
Calcium pantothenate, Preparing purified. K. Warnat. 2,389,007; Nov. 13.
Calcium stannate refining. R. B. Thompson and E. J. Roberts. 2,383,427; Aug. 21.
Calcium sulphate absorptive material, Preparing anhydrous. R. S. Gaugler and C. E. Waring. 2,379,142; June 26.
Calcium sulphite, Producing improved. G. Haywood and W. M. Welton. 2,375,786; May 15.
Calcium values from magnesium values, Separating. G. E. Walker. 2,374,632; Apr. 24.
Calculating device. R. W. Danielson. 2,381,424; Aug. 7.
Calculating device. E. F. Flint. 2,389,249; Nov. 20.
Calculating device. W. F. Judd. 2,382,064; Aug. 14.
Calculating device. M. W. La Fever. 2,375,666; May 8.
Calculating device. R. A. Noble. 2,381,836; Aug. 7.
Calculating device. R. A. A. Willens. 2,375,878; May 15.
Calculating machine. H. T. Avery and T. H. Lassagne. 2,390,041; Dec. 4.
Calculating machine. E. F. Britten, Jr. 2,379,877; July 10.
Calculating machine. L. P. Crosman. 2,367,386; Jan. 16.
Calculating machine. H. M. Dustin. 2,378,472; June 19.
Calculating machine. A. J. Fettig. 2,391,823; Dec. 25.
Calculating machine. C. M. Friden. 2,371,752; Mar. 20.
Calculating machine. C. M. Friden and G. C. Ellerbeck. 2,376,997; May 29.
Calculating machine. J. Friedlander. 2,381,660; Aug. 7.
Calculating machine. H. L. Lambert. 2,389,062; Nov. 13.
Calculating machine. V. W. Lindstein. 2,374,760; May 1.
Calculating machine. A. B. Machado. 2,391,098; Dec. 18.
Calculating machine. W. E. Mathi. 2,383,731; Aug. 28.
Calculating machine. R. S. Nilsson. 2,366,282; Jan. 2.
Calculating machine. A. F. Pott. 2,382,661; Aug. 14.
Calculating machine for effecting division. W. Lang. 2,386,481; Oct. 9.
Calculating machine, Typewriting. R. Anschütz. 2,378,902; June 26.
Calculating mechanism, Key controlled. S. Brand and J. M. Cunningham. 2,369,430; Feb. 13.
Calculator. P. Davey. 2,385,334; Sept. 25.
Calculator. R. N. Feicht. 2,373,671; Apr. 17.
Calculator. B. D. Spraberry. 2,377,977; June 12.
Calculator, Interest. Q. M. Kline. 2,380,318; July 10.
Calculator, Listing. G. C. Chase. 2,389,182; Nov. 20.
Calculator, Machinist's. E. H. Haviland. 2,391,570; Dec. 25.
Calculator, Multiplying. L. P. Crossman. 2,374,323; Apr. 24.
Calculator of geographical position from celestial observations. L. A. Steele. 2,374,788; May 1.
Calculator, Time schedule. C. C. Clark. 2,391,771; Dec. 25.
Calendar. A. E. Shinkle. 2,383,892; Aug. 28.
Calendar, Desk. J. F. Bannon. 2,371,944; Mar. 20.
Calendar edging and calendar and method and machine for assembling same. J. L. Pruneau, J. Mullally, and J. F. Hanrahan. 2,387,808; Oct. 30.
Calendar for fountain pens and pencils. Microscopic. E. Gatewood. 2,377,932; June 12.
Calender machine. M. G. Hinnekens. 2,373,027; Apr. 3.
Calendar, Perpetual. J. Roitman. 2,369,917; Feb. 20.
Calendars, Method of and machine for printing. J. C. Wahl. 2,366,300; Jan. 2.
Calibrating tool. N. Mars. 2,390,802; Dec. 11.
Caliper, Inside. S. M. Kass. 2,377,240; May 29.
Caliper, Micrometer. P. J. Hurley. 2,375,557; May 8.
Call-indicator, dialer and timer, Combined. S. Israel. 2,379,303; June 26.
Call transmitter. R. F. Mallina. 2,386,486; Oct. 9.
Cam. G. L. Bennett and F. Dyer. 2,382,849; Aug. 14.
Cam assembly. C. Weidauer and K. A. Doehm. 2,379,771; July 3.
Cam fixture. C. C. Rutbell. 2,385,030; Sept. 18.
Cam for knitting machines, Slur. F. G. Weisbecker. 2,381,376; Aug. 7.
Cam for necktie sewing machines, Lining guide. J. A. Neunmair. 2,372,224; Mar. 27.
Cam lapping machine. H. S. Indge and C. W. Lund. 2,373,640; Apr. 17.
Cam, Magneto breaker. J. R. Harkness. 2,386,048; Oct. 2.
Cam making machine. O. Mieth. 2,386,973; Oct. 16.
Cam mechanism, Differential. C. W. Wood. 2,383,833; Aug. 28.
Cam type governor control for maintaining synchronization of governors. H. H. Couch. 2,370,149; Feb. 27.
Camera. C. L. Fitz. 2,385,804; Oct. 2.
Camera. J. S. Howard. 2,375,555; May 8.
Camera. W. S. Kals. 2,372,430; Mar. 27.
Camera. R. J. Mellien. 2,377,954; June 12.
Camera. J. Pignone. 2,380,610; July 31.
Camera. A. Simmon and L. L. Weisglass. 2,386,575; Oct. 9.
Camera. B. F. Terry. 2,391,044; Dec. 18.
Camera. J. B. Walker. 2,387,546; Oct. 23.
Camera and projector. J. J. Macek. 2,391,430; Dec. 25.
Camera and range finder. E. L. Fischer. 2,379,698; July 3.
Camera and the like. C. E. Hannum. 2,377,341; June 5.
Camera, Astronomical. D. L. Wood. 2,384,666; Sept. 11.

Camera, Automatic aerial. A. H. Gorey, L. D. Nadel, R. J. Nitsch, and O. Steiner. 2,371,592; Mar. 13.
Camera, Cinematograph. C. M. and S. Williamson. 2,372,637; Mar. 27.
Camera construction. N. L. Cook. 2,368,970; Feb. 6.
Camera construction. C. Lateiner. 2,380,453; July 31.
Camera construction. G. B. Pollock. 2,388,995; Nov. 13.
Camera copy and preparing same, Media for use in making. M. D. McIntosh. 2,379,915; July 10.
Camera diaphragm. T. McG. Aiken. 2,369,199; Feb. 13.
Camera-diaphragm adjuster, Automatic. A. I. Ericsson. 2,388,609; Nov. 6.
Camera, Double-exposure prevention. M. R. Hutchison, Jr. 2,367,504; Jan. 16.
Camera, Enlarging and reducing. J. T. Campbell. 2,376,416; May 22.
Camera focus, Checking. C. W. Kendall and W. R. Fischer. 2,378,930; June 26.
Camera for color photography. A. W. Tondreau. 2,372,405; Mar. 27.
Camera lucida instrument and prismatic unit therefor. J. L. Buckmaster. 2,370,143; Feb. 27.
Camera magazine. I. W. Doyle. 2,380,034; July 10.
Camera, mechanism. S. B. Grimson. 2,373,243; Apr. 10.
Camera, Motion picture. T. S. Briskin and J. Golick. 2,377,750; June 5.
Camera, Photographic. S. H. Evans. 2,376,993; May 29.
Camera, Photographic. N. B. Green. 2,373,391; Apr. 10.
Camera, Photographic. C. H. Harris. 2,378,406; June 19.
Camera shutter. A. B. Fuller. 2,378,207; June 12.
Camera shutter operating mechanism. A. G. Nash. 2,372,974; Apr. 3.
Camera spool, Motion picture. S. Prinzivalli. 2,380,788; July 31.
Camera support. L. J. Du Mais. 2,370,611; Feb. 27.
Camera support. J. L. Johnson. 2,369,829; Feb. 20.
Camera, Synchronized feed bed and stationary microfilm. R. Place. 2,371,542; Mar. 13.
Camera, Two-film. D. H. Stewart. 2,384,655; Sept. 11.
Cameras, Motor-driven shutter-release mechanism for automatic. A. H. Gorey, L. D. Nadel, and R. J. Nitsch. 2,371,593; Mar. 13.
Camouflage fabricating machine. W. E. Meyer and R. M. Roberts. 2,371,458; Mar. 13.
Camouflage material. W. E. Jost. 2,370,734; Mar. 6.
Camphene from pinene, Preparation of. W. F. Carson, Jr. 2,382,397; Aug. 14.
Cams, Construction of. F. B. Halford, J. L. P. Brodie and R. Miller. 2,369,043; Feb. 6.
Can: *See*—
Cement conveying can.
Tractional refuse or like can.
Can. W. E. Burns. 2,375,621; May 8.
Can assembly. F. G. Silva and W. S. Davenport. 2,379,545; July 3.
Can attachment. M. D. Sansom. 2,374,384; Apr. 24.
Can bodies, Producing. W. A. Meyer. 2,381,460; Aug. 7.
Can body feed timing mechanism. O. A. Schmitt. 2,371,926; Mar. 20.
Can body maker. J. F. Peters. 2,390,120; Dec. 4.
Can body manufacturing machine, Flattened. I. D. Thornburgh. 2,383,522; Aug. 28.
Can closing machine. J. H. Murch and R. E. J. Nordquist. 2,366,748; June 9.
Can closing machine. R. E. Renard. 2,371,186; Mar. 13.
Can closing machine. A. A. Saalbach. 2,383,513; Aug. 28.
Can feed mechanism. J. H. Schurch. 2,388,804; Nov. 13.
Can feeding means. A. L. Kronquest. 2,378,855; June 19.
Can marking machine, Automatic. A. W. H. Hirsch. 2,375,362; May 8.
Canine encephalitis, Prevention and treatment of. C. H. Beckman. 2,391,840; Dec. 25.
Canning green vegetables. W. L. Schroder and T. A. Rogers. 2,390,468; Dec. 4.
Can opener. W. J. Landry. 2,378,090; June 12.
Can opener. A. G. Schillo. 2,374,783; May 1.
Can opener, Rotary type. R. E. McLean. 2,386,490; Oct. 9.
Can piercer, Reciprocating. P. C. Bye. 2,376,756; May 22.
Can punching and sealing device. C. T. Chambers. 2,366,438; Jan. 2.
Can upending mechanism. F. L. Klaiber and H. C. Clark. 2,369,742; Feb. 20.
Can uprighting device. J. Pellegrino. 2,370,188; Feb. 27.
Cans or containers, Making reenforced chime construction for. L. B. Wackman. 2,388,300; Nov. 6.
Candle ornament for Christmas trees. L. L. Raymond. 2,367,611; Jan. 16.
Candles, Making. C. Turner. 2,379,391; June 26.
Candling device, Egg. J. J. Balocchi. 2,388,518; Nov. 6.
Canister. G. A. Wieczorek, Jr., and C. B. Jackson. 2,389,225; Nov. 20.
Canning. R. H. C. Moeller. 2,380,984; Aug. 7.
Canning machinery, Fish. E. M. Borg. 2,387,240; Oct. 23.
Canning Swiss steaks. A. Barth. 2,366,169; Jan. 2.
Cannon, Aerial. H. F. Lee. 2,384,320; Sept. 4.
Canopy and garment protector, Combined. A. Taylor. 2,384,212; Sept. 4.
Canopy for beds, Mosquito. L. Suarez. 2,375,503; May 8.
Canopy for luminaries. S. B. Kraut. 2,381,292; Aug. 7.
Canopy, Parachute. J. H. Strong. 2,374,627; Apr. 24.
Canopy, Parachute. S. Switlik. 2,367,244; Jan. 16.
Canopy support. V. P. Nelson. 2,367,043; Jan. 9.
Cantilever retaining wall structure and making the same. A. H. Tashjian. 2,388,624; Nov. 6.
Cantilever seat. F. A. Kuntz. 2,387,451; Oct. 23.
Cantilever spring. J. W. Pettit. 2,386,571; Oct. 9.
Cap: *See*—
Attached filler cap.
Blasting cap.
Bottle cap.
Box toe cap.
Bubble cap.
Closure cap.
Dispensing bottle cap.
Glass screw cap.
Hood closure cap.
Lens cap.
Nut and bolt cap.
Paper screw cap.
Pile cap.
Plastic bottle cap.
Removable bottle cap.
Sleep cap.
Uniform cap.
Variable indicator light cap.
Well casing cap.
Cap. G. B. Cooke and V. A. Ryan. 2,377,402; June 5.
Cap. C. M. Grannan. 2,381,738; Aug. 7.
Cap. T. W. Johnson 2,373,399; Apr. 10.
Cap and release therefor, Bottle. G. H. Hutaff, Jr. 2,386,860; Oct. 16.
Cap and stopper, Combined bottle. C. V. Stevenson. 2,374,143; Apr. 17.
Cap applying mechanism. J. W. Shera. 2,375,141; May 1.
Cap closure. R. P. Scherer. 2,367,739; Jan. 23.
Cap detector for automatic bottle vending machines. N. M. Denison. 2,388,125; Oct. 30.
Cap feeding apparatus. R. J. Stewart and J. S. Bartley. 2,384,052; Sept. 4.
Cap for fuel tanks and the like, Locking. N. W. Trautner. 2,384,217; Sept. 4.
Cap for fuel tanks, Lock filling. S. Wise. 2,391,498; Dec. 25.
Cap for gaseous discharge lamps, End. M. D. Betts. 2,386,190; Oct. 9.
Cap for grease fittings. E. M. Kennedy. 2,379,529; July 3.
Cap for pencil, pencil-pen combinations, or the like. S. G. Lopez. 2,367,683; Jan. 23.
Cap for spray devices, Discharge. E. F. Delfoe and J. M. Williams. 2,367,485; Jan. 16.
Cap retainer for tubes. W. H. Lamm. 2,376,786; May 22.
Capping apparatus. J. J. Kittess. 2,385,004; Sept. 18.
Capping head. J. E. Jonsson. 2,371,334; Mar. 13.
Caps, Making. A. H. Warth and E. Lidard. 2,367,250; Jan. 16.
Capacitor charging and discharging control. C. E. Smith and C. B. Stadum. 2,385,736; Sept. 25.
Capacitors, Manufacture of. A. J. Deyrup. 2,389,420; Nov. 20.
Capacity exhibitor, Weighing. C. G. Roper. 2,369,179; Feb. 13.
Capacity loading system. J. W. Milnor. 2,371,252; Mar. 13.
Cape, Make-up. N. Kase. 2,379,722; July 3.
Capillary acting agents. W. Hentrich, H. J. Engelbrecht and E. Schirm. 2,383,859; Aug. 28.
Capillary active substances, Preparing. W. Hentrich, E. Schirm, and H. Engelbrecht. 2,374,934; May 1.
Capryl salicylate, Preparation of. S. J. Wayo and F. M. Watkins. 2,380,563; July 31.
Capsicum-containing seasoning composition. L. A. Hall. 2,385,412; Sept. 25.
Capsulating process and apparatus. C. E. Mabbs. 2,379,816; July 3.
Capsule. J. J. Curry. 2,382,978; Aug. 21.
Capsule handling apparatus. S. E. Van Tuyl. 2,366,886; Jan. 9.
Capsules particularly gelatine capsules, Method and machine for making. G. A. Spotz. 2,390,337; Dec. 4.
Capsules, Process and apparatus for making. C. E. Mabbs. 2,379,817; July 3.
Car: *See*—
Armored car.
Articulated car.
Composite mine car.
Convertible freight car.
Freight car.
House car.
Kiddy car.
Railway car.
Shuttle car.
Tank car.
Turn-tilt unloading toy railway car.
Car and paddle construction. R. Kurtz. 2,367,222; Jan. 16.
Car body. K. Kobligk. 2,369,579; Feb. 13.
Car body construction. W. T. Rossell. 2,372,396; Mar. 27.
Car-bottom furnace. F. H. Loftus and V. R. Troglione. 2,391,173; Dec. 18.
Car construction. G. E Dath. 2,386,093; Oct. 2.
Car construction. F. Ditchfield. 2,385,062; Sept. 18.
Car construction, Rail. A. G. Dean. 2,383,372; Aug. 21.
Car door. F. H. Rogers. 2,375,327; May 8.
Car door and lock therefor. W. A. Beauchamp and T. Madland. 2,387,109; Oct. 16.
Car end structure, Rail. A. G. Dean. 2,383,371; Aug. 21.
Car lining. E. J. Braun. 2,377,989; June 12.
Car seal. R. Perrotta. 2,368,613; Feb. 6.
Car truck. R. Leppla. 2,375,930; May 15.
Car truck brake. R. W. Joy. 2,379,084; June 26.
Car underframe. J. C. Abel. 2,383,578; Aug. 28.

Car washing apparatus, Portable. F. P. Walsh. 2,390,017; Nov. 27.
Car wheel. A. J. Hersey and C. L. Madden. 2,366,259; Jan. 2.
Carbalkoxylation of organic compounds. V. H. Wallingford and A. H. Homeyer. 2,376,837; May 22.
Carbine, Automatic and semi-automatic. W. T. Moore. 2,389,631; Nov. 27.
Carbohydrate solutions. B. Wendt. 2,376,743; May 22.
Carbon and soot eliminator for oil burners. L. C. Trosky. 2,375,598; May 8.
Carbon bisulphide, Recovery of. E. L. Luâces. 2,387,763; Oct. 30.
Carbon black, Apparatus for producing. H. Hanson, R. W. Skoog, and L. H. Grisso. 2,368,827; Feb. 6.
Carbon black, Making. J. C. Krejci. 2,375,796; May 15.
Carbon black, Manufacture of. W. B. Wiegand and H. A. Brandle. 2,378,055; June 12.
Carbon black, Method and apparatus for the production of. P. H. Mitchell. 2,391,067; Dec. 18.
Carbon black process. J. C. Krejci. 2,375,795; May 15.
Carbon black process. J. C. Krejci. 2,375,798; May 15.
Carbon black process and apparatus. J. C. Krejci. 2,375,797; May 15.
Carbon black, Producing. H. Hanson and R. W. Skoog. 2,368,828; Feb. 6.
Carbon bodies, Controlled heat treatment of. H. M. Elsey. 2,376,760; May 22.
Carbon brake body and metal holder unit. O. Conradty. 2,388,123; Oct. 30.
Carbon dioxide discharge system. C. H. Lindsay. 2,373,037; Apr. 3.
Carbon dioxide from gases, Recovering. F. H. May. 2,374,876; May 1.
Carbon disulphide, Purifying. A. Belchetz. 2,391,541; Dec 25.
Carbon monoxide, Hydrogenation of. H. Heckel and O. Roelen. 2,369,106; Feb. 6.
Carbon saver, Automatic. C. G. Hunt. 2,375,476; May 8.
Carbon separator. A. W. Metzner. 2,377,896; June 12.
Carbon tetrachloride, Inhibitor for. E. O. Ohlmann. 2,387,284; Oct. 23.
Carbonaceous base exchange material, Preparation of. A. S. Behrman. 2,376,896; May 29.
Carbonaceous material. R. W. Lawrence. 2,375,008; May 1.
Carbonated beverages, Method and apparatus for filling. R. T. Stewart. 2,367,899; Jan. 23.
Carbonates of 1-R-aminoethanes. H. A. Shonle and E. Rohrmann. 2,386,273; Oct. 9.
Carbonating apparatus. W. W. Bowman. 2,391,003; Dec 18.
Carbonator. J. Kantor. 2,388,850; Nov. 13.
Carbonization. A. H. Andersen and N. R. Fasken. 2,380,930; Aug. 7.
Carbonizing cloth. W. Ridley. 2,379,653; July 3.
Carbonyl iron, Method and apparatus for making. J. V. Fill. 2,377,486; June 5.
Carboxylic amino acid, Forming. F. C. Bersworth. 2,387,735; Oct. 30.
Carboxylic anhydrides, Preparing. V. K. Krieble and R. H. Smellie. 2,390,106; Dec. 4.
Carboxylic substituted amines, Forming. F. C. Bersworth. 2,387,976; Oct. 30.
Carboy container. O. Fisher. 2,383,717; Aug. 28.
Carboy handling apparatus. M. Bixler. 2,389,482; Nov. 20.
Carburation device for internal-combustion engines. M. L. Mennesson. 2,389,922; Nov. 27.
Carburetor. J. F. Butler and W. B. M. Killen. 2,373,224; Apr. 10.
Carburetor. G. Clavering. 2,371,739; Mar. 20.
Carburetor. S. W. Gilbert. 2,382,050; Aug. 14.
Carburetor. S. F. Hunt. 2,381,751; Aug. 7.
Carburetor. B. C. Phillips. 2,387,676; Oct. 23.
Carburetor. A. J. Rascov. 2,378,864; June 19.
Carburetor. D. L. J. Smith. 2,368,430; Jan. 30.
Carburetor. J. H. F. Stewart. 2,372,532; Mar. 27.
Carburetor. R. R. Strebinger. 2,376,732; May 22.
Carburetor. H. F. Twyman. 2,391,755; Dec. 25.
Carburetor. A. H. Winkler and J. H. Gore. 2,390,019; Nov. 27.
Carburetor ice warning gauge. J. F. Carssow. 2,382,365; Aug. 14.
Carburetor improvement. E. R. Schneider. 2,370,584; Feb 27.
Carburetor intake air heater. F. S. Baster. 2,369,937; Feb 20.
Carburetor, Jet. E. G. Eckenberg. 2,376,991; May 29.
Carburetor, Manifold injection. O. L. Garretson. 2,382,625; Aug. 14.
Carburetor metering device. H. A. Woods. 2,375,160; May 1.
Carburetor, Nonicing. M. C. Brown. 2,376,228; May 15.
Carcass dipping apparatus. A. G. Ackermann. 2,383,835; Aug. 28.
Carcass handling apparatus. W. Le Clair. 2,366,535; Jan. 2.
Carcasses, Treating. B. E. Williams and L. L. Cadwell. 2,388,891; Nov. 13.
Card and picture frame. R. H. Hose and E. W. Niles. 2,377,584; Oct. 23.
Card assembly. A. A. Hoffmann. 2,379,637; July 3.
Cardboard receptacle. H. W. Forrer. 2,368,534; Jan. 30.
Card, Display. D. V. Lisle. 2,386,618; Oct. 9.
Card game, Oracle. R. Ribbe. 2,383,081; Aug. 21.
Card holding attachment. M. B. Disken. 2,390,357; Dec. 4.
Card index. H. E. Short. 2,371,713; Mar. 20.
Card index. G. W. Torrence and W. A. Calkins. 2,384,355; Sept. 4.
Card positioning means. J. T. Ferry. 2,376,241; May 15.
Card punching machine. C. D. Lake and F. E. Hamilton. 2,366,861; Jan. 9.
Card punching machine. R. E. Page and H. S. Beattie. 2,372,909; Apr. 3.
Card punching machine, Tape controlled. C. R. Doty. 2,375,295; May 8.
Card record apparatus. J. W. Whitton. 2,379,943; July 10.
Card sensing machine. G. F. Daly, G. V. A. Malmros, and B. H. Phillips. 2,372,882; Apr. 3.
Card table. C. Kolodny. 2,387,030; Oct. 16.
Carding machine. E. Clark. 2,376,661; May 22.
Carding machine, Wool. F. Beaudoin. 2,388,030; Oct. 30.
Cardiometric apparatus. B. W. and H. S. Williams. 2,375,059; May 1.
Cargo carrying airplane. V. J. Burnelli. 2,380,290; July 10.
Cargo handling apparatus. C. W. Harrison. 2,379,231; June 26.
Cargo, Loading and unloading. J. J. Bylo. 2,371,149; Mar. 13.
Cargo sling hook. L. G. Ehmann. 2,381,531; Aug. 7.
Cargo tie-down. J. S. Martin. 2,372,967; Apr. 3.
Carotene, Concentrating. H. M. Barnett. Re. 22,629; Apr. 17.
Carpet, Making cemented pile. H. P. Faris and J. E. White. 2,389,657; Nov. 27.
Carriage, Baby. J. Bryant. 2,373,809; Apr. 17.
Carriage, Baby. L. Kiesow. 2,378,931; June 26.
Carriage, Baby. H. Tannenbaum. 2,390,671; Dec. 11.
Carriage, Baby. W. H. Thornhill. 2,391,658; Dec. 25.
Carriage control for accounting machines. W. A. Anderson. 2,382,195; Aug. 14.
Carriage drive mechanism. O. J. Sundstrand and O. W. Swanson. 2,366,368; Jan. 2.
Carriage for accounting machines, Paper. W. A. Anderson. 2,366,468; Jan. 2.
Carriage, Infant's. W. C. Troendle. 2,384,711; Sept. 11.
Carriage, Luggage. E. F. Alexander. 2,375,338; May 8.
Carriage, Marine. F. S. Newell. 2,371,461; Mar. 13.
Carriage, Reciprocable. H. F. Somes. 2,382,826; Aug. 14.
Carriage shift mechanism. H. T. Avery. 2,376,954; May 29.
Carriage, Work supporting. H. E. Somes. 2,382,825; Aug. 14.
Carrier: *See*—
Aeroplane carrier.
Bicycle carrier.
Bottle carrier.
Casket carrier.
Container carrier.
Desk with typewriter carrier.
Golf club carrier.
Gun carrier.
Infant carrier.
Log carrier.
Parcel carrier.
Partitioned bottle carrier.
Pull rod carrier.
Razor blade carrier.
Record carrier.
Simplified auxiliary wheel and tire carrier.
Suit cover and carrier.
Tire carrier.
Carrier, A. D. McKellar. 2,386,489; Oct. 9.
Carrier, D. J. Niemack. 2,377,712; June 5.
Carrier and applicator for the treatment of trees. F. R. Reevely. 2,389,870; Nov. 27.
Carrier and hoist, Spare tire. H. G. Heil. 2,377,149; May 29.
Carrier attachment for tractors, Stone. L. Gilbert. 2,379,797; July 3.
Carrier current apparatus. J. L. Woodworth. 2,372,539; Mar. 27.
Carrier-current protective-relaying and telemetering system. J. L. Blackburn and J. F. Chapman. 2,367,921; Jan. 23.
Carrier current system. E. W. Kenefake. 2,381,758; Aug. 7.
Carrier current system. J. L. Woodworth. 2,385,673; Sept. 25.
Carrier for bottles or the like. M. D. Gibson. 2,368,015; Jan. 23.
Carrier for containers. J. B. Slevin, Jr. 2,367,066; Jan. 9.
Carrier for glassware forming apparatus, Plunger. O. H. Samuelson and A. T. Zappia. 2,379,830; July 3.
Carrier for group of articles. N. A. Petter. 2,374,893; May 1.
Carrier for hearing aids and batteries, Halfvest. H. W. Moore. 2,372,971; Apr. 3.
Carrier fortress, Floating. J. Hundley. 2,374,938; May 1.
Carrier in cigar machines, Wrapper. K. E. Granstedt. 2,379,575; July 3.
Carrier means for artificial teeth. F. Tryfus and A. Mendel. 2,383,027; Aug. 21.
Carrier relay, Modified-impedance. S. L. Goldsborough. 2,386,209; Oct. 9.
Carrier relaying. S. L. Goldsborough. 2,372,078; Mar. 20.
Carrier unit. R. C. Strauss. 2,387,779; Oct. 30.

Carrier wave modulation. W. R. Bennett. 2,377,858; June 12.
Carrier wave signaling system. W. S. Halstead. 2,389,257; Nov. 20.
Carrousel. B. B. Franklin. 2,384,906; Sept. 18.
Carrying case. J. A. Obermaier. 2,379,031; June 26.
Cart. A. G. Ruff and A. P. Buer. 2,371,472; Mar. 13.
Cart, Agricultural. B. M. Peters. 2,377,959; June 12.
Cart and loader, Vegetable. J. W. Orendorff. 2,383,412; Aug. 21.
Cart, Basket carrying. H. I. and R. M. Sides. 2,377,815; June 5.
Cart for golf bags and the like. N. E. Boughton. 2,383,587; Aug. 28.
Cart, Ladder. E. J. Samuelson. 2,377,043; May 29.
Cart, Shopping. M. Faure. 2,372,372; Mar. 27.
Cart, Two-wheel. H. C. Fuerstenberg. 2,374,278; Apr. 24.
Cart, Utility. E. M. Hulquist. 2,389,574; Nov. 20.
Carton. E. L. Arneson. 2,388,243; Nov. 6.
Carton. A. H. Axberg. 2,390,412; Dec. 4.
Carton. P. Belden. 2,377,602–3–4; June 5.
Carton. J. W. Cox. 2,384,076; Sept. 4.
Carton. J. W. Cox. 2,387,314; Oct. 23.
Carton. B. J. Davidson. 2,367,717; Jan. 23.
Carton. W. G. Freel, J. E. Diver, and S. F. Jones. 2,374,006; Apr. 17.
Carton. W. H. Inman. 2,367,780; Jan. 23.
Carton. I. L. Lesavoy. 2,382,240; Aug. 14.
Carton. T. Meredith. 2,373,701; Apr. 17.
Carton. A. Molet. 2,368,864; Feb. 6.
Carton. G. Rottman. 2,386,407; Oct. 9.
Carton. R. Van Rosen. 2,389,703; Nov. 27.
Carton. J. E. Walsh. 2,389,222; Nov. 20.
Carton. J. A. Zinn, Jr. 2,390,909; Dec. 11.
Carton, Ammunition. H. K. Dickerman. 2,391,230; Dec. 18.
Carton and carton blank. A. Rous. 2,379,038; June 26.
Carton and carton blank. A. Rous. 2,390,392; Dec. 4.
Carton and carton blanks. C. J. Meitzen. 2,386,905; Oct. 16.
Carton and package. T. C. Gevaart. 2,382,308; Aug. 14.
Carton-blank handling apparatus for wire-stitching machines. G. H. Harred. 2,377,230; May 29.
Carton-blank handling apparatus for wire-stitching machines. G. H. Harred. 2,381,743; Aug. 7.
Carton, Carrier. W. B. Crane. 2,368,203; Jan. 30.
Carton, Cellular. R. E. Rutledge. 2,374,382; Apr. 24.
Carton closing device. W. C. Johnson and D. Kirk. 2,391,708; Dec. 25.
Carton closing mechanism. G. I. Hohl. 2,380,758; July 31.
Carton, Collapsible cellular. K. T. Buttery. 2,382,202; Aug. 14.
Carton, Collapsible shipping and display. H. A. Gottlieb. 2,375,843; May 15.
Carton corner construction. S. Lighter. 2,367,410; Jan. 16.
Carton, Dispensing. F. A. Marx. 2,388,168; Oct. 30.
Carton, Leakproof. E. C. Siewert. 2,374,458; Apr. 24.
Carton, Lined. W. H. Arthur. 2,381,026; Aug. 7.
Carton, Multicompartment. M. I. Williamson. 2,387,790; Oct. 30.
Carton or container. R. M. Glover. 2,377,472; June 5.
Carton partition means. W. H. Inman. 2,381,543; Aug. 7.
Carton with removable liner. R. M. Bergstein. 2,389,291; Nov. 20.
Cartons, Sealing. N. Hamilton and W. Stern. 2,368,214; Jan. 30.
Cartridge case. J. S. Shufflebotham. 2,381,083; Aug. 7.
Cartridge case. S. A. Snell. 2,388,094; Oct. 30.
Cartridge cases and the like, Making. S. A. Snell. 2,371,716; Mar. 20.
Cartridge container. A. G. Liebmann. 2,371,630; Mar. 20.
Cartridge, Electrically actuated. H. C. Grant, Jr. 2,386,211; Oct. 9.
Cartridge, Explosive. F. F. Chapman, N. G. Johnson, and G. H. Lov. 2,371,874; Mar. 20.
Cartridge, Explosive. J. B. Johnson. 2,378,223; June 12.
Cartridge feeding mechanism. C. D. Spagnolo. 2,380,083; July 10.
Cartridge feeding mechanism for automatic firearms. G. Webb. 2,372,462; Mar. 27.
Cartridge feeding mechanism for automatic guns. C. T. Hall. 2,366,395; Jan. 2.
Cartridge, Fertilizer. H. A. Brigdan. 2,380,721; July 31.
Cartridge firing apparatus for power generation. J. D. S. de Guerin. 2,367,012; Jan. 9.
Cartridge for contact printing and photographic paper dispensing, Convertible. C. E. Harper. 2,384,911; Sept. 18.
Cartridge, Gas pressure-generating. E. Whitworth and T. Thomson. 2,366,165; Jan. 2.
Cartridge loader. E. L. Smith and C. Wetsel. 2,384,140; Sept. 4.
Cartridge loader, Link belt. E. L. Smith and C. Wetsel. 2,372,399; Mar. 27.
Cartridge magazine, Drum type. A. Gazda. 2,367,572; Jan. 16.
Carrying method and projector. H. L. Cooke. 2,374,981; May 1.
Case: *See*—
Bottle case.
Carrying case.
Cartridge case.
Cigarette case.
Compact case.
Cosmetic case.
Metal carrying case.
Modern food dispensing and display case.
Open refrigerated display case.
Projector utility case.
Refrigerated display case.
Safety razor case.
Shirt case.
Spectacle and eye-glass case.
Spectacle case.
Steel cartridge case.
Thermometer case.
Traveling case.
Utility case.
Vanity case.
Case. P. H. Waller. 2,378,267; June 12.
Case construction for books, Binder. F. S. Schade. 2,390,125; Dec. 4.
Case for cameras. H. Fitz. 2,390,932; Dec. 11.
Case for dial instruments. S. Kahn. 2,384,928; Sept. 18.
Case for measuring instruments. R. I. N. Weingart. 2,379,053; June 26.
Case for watches, Protective. C. Godin. 2,384,549; Sept. 11.
Casein component of water paints. W. H. and W. F. Fales. 2,367,108; Jan. 9.
Casein, Manufacture of. L. Schibler. 2,372,986; Apr. 3.
Casein or the like protein fibers, Treatment of. R. L. Wormell. 2,383,358; Aug. 21.
Casein, Precipitation of. E. J. Wendt. 2,369,095; Feb. 6
Casein, Production of. W. F. Oatman. 2,388,991; Nov. 13.
Casement window operator. G. Hagstrom. 2,366,613; Jan. 2.
Cases, Attachment for filing. A. J. Gore. 2,369,348; Feb. 13.
Casing for electrical devices. R. Mueller. 2,377,355; June 5.
Casing for food products, Reinforced artificial. L. A. Goodman. 2,384,462; Sept. 11.
Casing, Sausage. L. E. Dimond. 2,366,710; Jan. 9.
Casings for dipping and centrifuging, Mounting work in. F. M. Ronci. 2,387,300; Oct. 23.
Casings, Method and apparatus for forming tubular. K. Schultz. 2,382,504; Aug. 14.
Casket, Burial. H. R. Rick. 2,375,386; May 8.
Casket carrier. C. L. Berg. 2,372,927; Apr. 3.
Casket, Metal burial. W. E. Wallace. 2,372,412; Mar. 27.
Cassette. F. T. Powers. 2,381,556; Aug. 7.
Cast elongate bodies, Stretching. F. J. Fleitz and B. M. Marks. 2,377,928; June 12.
Cast explosive charges, Preparing. C. O. Davis and W. E. Kirst. 2,384,730; Sept. 11.
Cast metal bodies, Method and apparatus for producing. R. K. Hopkins. 2,380,238; July 10.
Cast refractory, Producing. T. E. Field and H. T. Smyth. 2,381,945; Aug. 14.
Cast sheets, Production of. B. M. Marks and C. E. Ranck. 2,369,593; Feb. 13.
Cast squirrel cage rotor. S. J. Goran. 2,370,458; Feb. 27.
Cast structures of synthetic materials, Dry spun and dry. P. W. Morgan. 2,376,934; May 29.
Caster. E. H. Sandberg. 2,369,609; Feb. 13.
Caster, Self leveling. C. N. Raup. 2,386,005; Oct. 2.
Caster, Swiveling brake. W. H. Noelting and H. T. Prothero. 2,366,927; Jan. 9.
Caster table. R. S. Deans. 2,366,443; Jan. 2.
Caster wheel mechanism. J. P. Seaholm. 2,388,874; Nov. 13.
Casting. H. E. McWane and H. K. McGavock. 2,387,803; Oct. 30.
Casting apparatus. H. R. Berger. 2,375,463; May 8.
Casting apparatus and method. S. M. Shobert. 2,390,129; Dec. 4.
Casting apparatus and process, Continuous. C. W. Hazelett. 2,383,310; Aug. 21.
Casting apparatus, Centrifugal. B. L. Levinson. 2,385,631; Sept. 25.
Casting apparatus, Centrifugal. G. T. Pfleger. 2,381,616; Aug. 7.
Casting, Centrifugal. H. E. Bremer. 2,383,442; Aug. 28.
Casting, Centrifugal pot. E. C. Young. 2,386,028; Oct. 2.
Casting, Continuous. J. S. Smart, Jr., and A. A. Smith, Jr. 2,367,148; Jan. 9.
Casting device. L. E. Broyles and E. J. Pittenger. 2,390,054; Dec. 4.
Casting device. J. M. Tweit. 2,381,089; Aug. 7.
Casting machine, Centrifugal. H. Andrews. 2,377,917; June 12.
Casting machine, Centrifugal. H. Andrews. 2,385,250; Sept. 18.
Casting metal. N. S. Spence. 2,376,518; May 22.
Casting metal, Method and apparatus for. T. C. Poulter. 2,379,401; June 26.
Casting method. J. J. Nolan, Jr. 2,378,723; June 19.
Casting, Multiple centrifugal. C. E. Sorensen and R. H. McCarroll. 2,378,042; June 12.
Casting resins. W. R. Dial and C. Gould. 2,379,218; June 26.
Casting, Twin grid. H. D. Huntsberger. 2,378,221; June 12.
Castings, Forming and trimming die. L. H. Morin. 2,367,235; Jan. 16.

Castings, Manufacture of. P. T. Stroup and G. F. Sager. 2,380,201; July 10.
Castings, Trimming gates of die. L. H. Morin. 2,375,486; May 8.
Castor oil, Production of dehydrated. H. S. Bloch. 2,380,720; July 31.
Catalysis. J. R. Bates. 2,375,756; May 15.
Catalysis. J. R. Bates. 2,378,904–5; June 26.
Catalysis. J. A. Gibb, W. T. Hayward, and A. H. Schutte. 2,370,950; Mar. 6.
Catalysis. A. N. Sachanen and P. D. Caesar. 2,376,508; May 22.
Catalysis of organic reactions. J. M. Mavity. 2,388,428; Nov. 6.
Catalyst. C. C. Crawford and W. E. Ross. 2,379,687; July 3.
Catalyst. J. W. Teter. 2,381,473; Aug. 7.
Catalyst, Aluminum chloride. C. W. Montgomery and N. W. Franke. 2,380,703; July 31.
Catalyst and forming catalysts. F. J. Ewing, R. B. Secor, and J. G. Warner. 2,391,312; Dec. 18.
Catalyst and preparation thereof. R. F. Ruthruff. 2,377,577; June 5.
Catalyst and resulting product, Making a. H. Miller. 2,379,736; July 3.
Catalyst chamber. R. L. Huntington. 2,387,026; Oct. 16.
Catalyst chamber. G. G. Oberfell. 2,384,258; Sept. 4.
Catalyst chamber apparatus. J. W. Loy. 2,383,729; Aug. 28.
Catalyst chamber construction. W. W. Roach. 2,378,792; June 19.
Catalyst conversion, Powdered. A. L. Conn. 2,377,613; June 5.
Catalyst for polymerization reactions. W. D. Stewart and B. M. G. Zwicker. 2,380,618; July 31.
Catalyst from oil, Separation of. F. W. Schumacher and R. P. Ferguson. 2,384,967; Sept. 18.
Catalyst manufacture. L. Schmerling and V. N. Ipatieff. 2,389,691; Feb. 20.
Catalyst, Manufacture of. M. M. Marisic. 2,384,944; Sept. 18.
Catalyst. Polymerization. H. E. Drennan. 2,387,318; Oct. 23.
Catalyst preparation. G. R. Gilbert. 2,370,788; Mar. 6.
Catalyst preparation. E. T. Layng. 2,367,877; Jan. 23.
Catalyst, Preparing. W. E. Spicer and R. N. Watts. 2,391,358; Dec. 18.
Catalyst production. F. O. Haas. 2,384,737; Sept. 11.
Catalyst reactions, Carrying out. J. McAfee. 2,391,434; Dec. 25.
Catalyst, Reactivation of. L. E. Carlsmith and H. J. Ogorzaly. 2,382,382; Aug. 14.
Catalyst recovery process. T. W. Baker and J. Friedman. 2,373,803; Apr. 17.
Catalyst separation in hydrogen bromide catalyzed oxidation reactions. F. F. Rust and E. R. Bell. 2,380,675; July 31.
Catalysts and preparation thereof, Supported. J. D. Upham. 2,386,518; Oct. 9.
Catalysts and preparing same, Supported. J. R. Owen. 2,386,499; Oct. 9.
Catalysts and the manufacture thereof, Plastic metal. J. S. Streicher. 2,384,501; Sept. 11.
Catalysts, Desulphurization. A. C. Byrns. 2,369,432; Feb. 13.
Catalysts, Drying pelleted. W. W. Gary and R. B. Secor. 2,388,735; Nov. 13.
Catalysts for emulsion polymerization reactions, Heavy metal. W. D. Stewart and B. M. G. Zwicker. 2,380,617; July 31.
Catalysts for polymerization reaction. W. D. Stewart. 2,380,710; July 31.
Catalysts for the addition polymerization of unsaturated organic compounds. W. D. Stewart. 2,380,473–4; July 31.
Catalysts for the addition polymerization of unsaturated organic compounds. W. D. Stewart. 2,380,475; July 31.
Catalysts for the addition polymerization of unsaturated organic compounds. W. D. Stewart. 2,380,476–7; July 31.
Catalysts for the addition polymerization of unsaturated organic compounds. W. D. Stewart. 2,388,372–3; Nov. 6.
Catalysts, Hydrogenation over sulphur-sensitive. A. Voorhies, Jr., and E. E. Stahly. 2,377,116; May 29.
Catalysts in dehydrogenation of cymene, Oxide. W. Hull. 2,376,252; May 15.
Catalysts. Lead sulphide. R. O. Bender. 2,376,223; May 15.
Catalysts, Making. W. L. Semon. 2,380,614; July 31.
Catalysts, Manufacture of. J. E. Ahlberg and C. L. Thomas. 2,382,951; Aug. 21.
Catalysts, Manufacture of. H. Pines and V. N. Ipatieff. 2,384,337; Sept. 4.
Catalysts, Metal halide. E. Solomon, H. J. Passino, and L. C. Rubin. 2,382,586; Aug. 14.
Catalysts, Preparation of. R. F. Ruthruff. 2,371,069; Mar. 6.
Catalysts, Producing. H. Berg and H. Heim. 2,369,524; Feb. 13.
Catalysts, Reactivation of. J. P. Daugherty, Jr. 2,371,610; Mar. 20.
Catalysts, Recovery of. E. C. Hughes. 2,386,798; Oct. 16.
Catalysts, Regenerating of spent. E. B. Peck. 2,390,323; Dec. 4.
Catalysts, Regeneration of. R. E. Burk. 2,371,148; Mar. 13.
Catalysts, Regeneration of. F. E. Frey. 2,382,472; Aug. 14.
Catalysts, Regeneration of. A. B. Welty, Jr. 2,368,507; Jan. 30.
Catalysts, Regeneration of nickel alloy. J. Drew. 2,388,959; Nov. 13.
Catalysts, Restoration of. L. C. Drake, J. Herman and E. T. Scafe. 2,380,731; July 31.
Catalysts, Treating. M. P. Matuszak. 2,381,677; Aug. 7.
Catalytic activity, Regulation of. J. R. Bates. 2,375,757; May 15.
Catalytic agents. W. E. Ross, S. H. McAllister, and J. Anderson. 2,370,195; Feb. 27.
Catalytic alkylation. P. D. Caesar and A. N. Sachanen. 2,373,999; Apr. 17.
Catalytic alkylation, Method and apparatus for. S. T. Hadden. 2,386,681; Oct. 9.
Catalytic alkylation process. W. E. Ross, S. H. McAllister, and J. Anderson. 2,389,550; Nov. 20.
Catalytic and thermal cracking, Combination. J. M. Barron. 2,379,471; July 3.
Catalytic combination process. R. F. Ruthruff. 2,366,218; Jan. 2.
Catalytic conversion. M. H. Arveson. 2,371,599; Mar. 20.
Catalytic conversion. M. H. Arveson. 2,372,165; Mar. 20.
Catalytic conversion. M. J. See. 2,380,490; July 31.
Catalytic conversion. M. Souders, Jr., and A. J. Chernlavsky. 2,371,477; Mar. 13.
Catalytic conversion. R. S. Treseder. 2,382,753; Aug. 14.
Catalytic conversion. J. D. Upham and I. L. Wolk. 2,376,564; May 22.
Catalytic conversion and regeneration system. I. L. Wolk and J. D. Upham. 2,374,151; Apr. 17.
Catalytic conversion of hydrocarbon oil. L. C. Huff. 2,380,760; July 31.
Catalytic conversion of hydrocarbon oils. Du B. Eastman and C. Richker. 2,378,292; June 12.
Catalytic conversion of hydrocarbon oils. Du B. Eastman and C. Richker. 2,382,039; Aug. 14.
Catalytic conversion of hydrocarbon oils. C. E. Hemminger. 2,379,711; July 3.
Catalytic conversion of hydrocarbon oils. C. W. Tyson. 2,382,755; Aug. 14.
Catalytic conversion of hydrocarbons. A. Belchetz. 2,374,073; Apr. 17.
Catalytic conversion of hydrocarbons. J. W. Jewell, G. D. Creelman, and W. H. Borcherding. 2,385,446; Sept. 25.
Catalytic conversion of hydrocarbons. E. R. Kanhofer. 2,379,159; June 26.
Catalytic conversion of hydrocarbons and catalyst therefor. M. M. Marisic. 2,387,596; Oct. 23.
Catalytic conversion of hydrocarbons, Continuous. N. F. Kubicek and M. T. Carpenter. 2,387,798; Oct. 30.
Catalytic conversion of residual hydrocarbon oils. S. B. Becker. 2,378,531; June 19.
Catalytic conversion process. L. Heard. 2,369,734; Feb. 20.
Catalytic conversion process. E. C. Lee and J. E. Ahlberg. 2,381,825; Aug. 7.
Catalytic conversion process. I. L. Wolk. 2,387,378; Oct. 23.
Catalytic conversion system. M. H. Arveson. 2,379,408; July 3.
Catalytic conversion system. M. M. Marisic. 2,389,378; Nov. 20.
Catalytic conversion system. D. E. Payne. 2,389,236; Nov. 20.
Catalytic conversions with regenerative contact masses, Executing. I. I. Shultz. 2,366,567; Jan. 2.
Catalytic cracking. D. L. Campbell. 2,386,032; Oct. 2.
Catalytic cracking. D. Read, Jr. 2,377,716; June 5.
Catalytic cracking-isomerization alkylation process. A. L. Foster. 2,385,806; Oct. 2.
Catalytic cracking of petroleum oils. W. A. Bailey, Jr. 2,385,325; Sept. 25.
Catalytic dehydrogenation. M. W. Conn. 2,389,342; Nov. 20.
Catalytic dehydrogenation. S. C. Fulton and K. K. Kearby. 2,383,643; Aug. 28.
Catalytic dehydrogenation. W. F. Huppke and T. Vermeulen. 2,379,081; June 26.
Catalytic dehydrogenation. K. K. Kearby. 2,377,083; May 29.
Catalytic dehydrogenation of paraffin hydrocarbons to diolefin, Two-stage. R. G. Boatright, Jr., and W. C. Hewitt. 2,376,323; May 22.
Catalytic dehydrogenation process. K. H. Hachmuth. 2,386,947; Oct. 16.
Catalytic dehydrogenation process. G. M. Webb and M. A. Smith. 2,371,087–8; Mar. 6.
Catalytic desulphurization process. M. W. Conn. 2,378,064; June 12.
Catalytic heater. G. P. Schmitt. 2,384,852; Sept. 18.

Catalytic hydrocarbon conversion process. R. H. Newton. 2,371,181; Mar. 13.
Catalytic hydrocarbon conversion system. A. G. Oblad and L. Heard. 2,387,088; Oct. 16.
Catalytic hydrocarbon conversion system. G. W. Watts. 2,377,657; June 5.
Catalytic hydrogenation processes. A. S. Richardson and J. E. Taylor. 2,375,495; May 8.
Catalytic hydroxylation of olefinic double bonds. I. Bergsteinsson. 2,373,942; Apr. 17.
Catalytic isomerization. A. N. Sachanen and P. D. Caesar. 2,376,509; May 22.
Catalytic lighter. G. P. Schmitt. 2,368,381; Jan. 30.
Catalytic masses, Reducing the carbon-forming tendency of. B. B. Corson and C. D. Maxutov. 2,375,402; May 8.
Catalytic material, Regeneration of. F. E. Frey. 2,381,659; Aug. 7.
Catalytic material, Revivifying. L. Carlson. 2,370,713; Mar. 6.
Catalytic plants, Operation of. E. J. Houdry. 2,387,267; Oct. 23.
Catalytic polymerization of unsaturated organic compounds. R. F. Ruthruff. 2,379,656; July 3.
Catalytic polymers from high boiling unsaturated products of petroleum pyrolysis. W. C. Ault. 2,387,237; Oct. 23.
Catalytic process. M. H. Gorin. 2,383,123; Aug. 21.
Catalytic process. M. P. Matuszak. 2,378,651; June 19.
Catalytic process. I. L. Wolk and T. H. Whaley. 2,374,518; Apr. 24.
Catalytic process and apparatus. J. D. Upham and I. L. Wolk. 2,373,358; Apr. 10.
Catalytic process for converting liquid and gaseous hydrocarbons into antiknock spirit and aromatic hydrocarbons. M. Nitescu. 2,375,940; May 15.
Catalytic processes for converting hydrocarbons. R. F. Ruthruff. 2,366,217; Jan. 2.
Catalytic processes, Method and apparatus for. W. C. Edmister. 2,378,542; June 19.
Catalytic production of hydrogenated polymers. R. A. Hannerot, A. H. Boultbee, and B. S. Greensfelder. 2,379,410; July 3.
Catalytic reaction of isocyanates with organic compounds. H. S. Rothrock. 2,374,136; Apr. 17.
Catalytic reactions. C. R. Milone. 2,391,261; Dec. 18.
Catalytic reactions, Conducting. M. M. Marisic. 2,387,454; Oct. 23.
Catalytic reactions, Effecting. J. D. Upham. 2,374,511; Apr. 24.
Catalytic reactor. V. O. Bowles. 2,385,189; Sept. 18.
Catalytic reforming. R. G. Gunness. 2,388,536; Nov. 6.
Catalytic reforming. W. J. Mattox. 2,373,254; Apr. 10.
Catalytic reforming. C. L. Thomas and J. E. Ahlberg. 2,371,079; Mar. 6.
Catalytic treatment of hydrocarbon oils. W. A. Bailey, Jr. 2,385,326; Sept. 25.
Catalytic treatment of hydrocarbons. W. A. Schulze. 2,380,875; July 31.
Catalyzed abnormal addition reactions. T. W. Evans, W. E. Vaughan, and F. F. Rust. 2,376,675; May 22.
Catamenial device. V. Calhoun. 2,386,590; Oct. 9.
Catch. E. Borchers. 2,376,325; May 22.
Catch and making the same, Safety. H. W. Peters. 2,378,496; June 19.
Catch, Safety. E. Morehouse. 2,383,012–13; Aug. 21.
Catch, Safety snap. J. J. Holland. 2,377,939; June 12.
Catcher and remover, Rock. J. B. Sevey. 2,369,863; Feb. 20.
Catheters and the like, Adhesion preventing agent for. J. M. Auzin. 2,390,070; Dec. 4.
Catheters, Method and machine for making. N. C. Jeckel. 2,388,693; Nov. 13.
Cathode. R. J. Bondley. 2,367,332; Jan. 16.
Cathode. J. Hirmann. 2,370,538; Feb. 27.
Cathode and manufacture, Filamentary. J. Hirmann. 2,380,525; July 31.
Cathode construction. R. J. Bondley. 2,367,331; Jan. 16.
Cathode ray beam deflecting circuits. O. H. Schade. 2,382,822; Aug. 14.
Cathode-ray deflecting means. S. Hensen. 2,383,308; Aug. 21.
Cathode ray television tube. J. S. Vansant. 2,378,875; June 19.
Cathode-ray tube. M. Messner and E. Schantl. 2,378,569; June 19.
Cathode ray tube. K. Ohl. 2,375,815; May 15.
Cathode ray tube. V. J. Schaefer. 2,374,311; Apr. 24.
Cathode-ray tube. A. F. Stanley. 2,372,455; Mar. 27.
Cathode ray tube. H. H. Wolff. 2,370,700; Mar. 6.
Cathode ray tube and circuit. C. W. Hansell. 2,390,250; Dec. 4.
Cathode structure. P. G. Chevigny. 2,367,669; Jan. 23.
Cationic active compounds. D. W. Jayne, Jr., and H. M. Day. 2,391,831; Dec. 25.
Cations from aqueous solutions, Exchanging. O. Liebknecht. 2,378,807; June 12.
Cations from liquid media, Removing. G. F. D'Alelio. 2,373,547–9; Apr. 10.
Caustic, Transportation of. D. Means. 2,384,111; Sept. 4.
Ceiling. S. R. Naysmith. 2,376,715; May 22.
Ceiling hanger. J. E. Schlenkert. 2,376,279; May 15.
Ceiling jack. J. W. Van Patten. 2,371,561; Mar. 13.
Celestial navigation instrument. F. Chamberlain. 2,378,981; June 26.
Cell, Blocking layer. C. de Lange and C. L. Boucher. 2,388,532; Nov. 6.
Cell, Electrolytic. D. R. Means. 2,368,861; Feb. 6.
Cell for field coils, Molded. J. S. Askey. 2,381,245; Aug. 7.
Cell, Fuel. R. Gunn and W. C. Hall. 2,394,463; Sept. 11.
Cellular paperboard container. E. J. Rau. 2,366,557; Jan. 2.
Cellulose containing structures, Disintegrating. M. J Stacom. 2,374,046; Apr. 17.
Cellulose derivative articles, Treatment of. R. W. Moncrieff and C. W. Sammons. 2,387,168; Oct. 16.
Cellulose derivative composition. F. E. Piech. 2,372,980; Apr. 3.
Cellulose derivative compositions, Gelable. W. F. Hunter, Jr., H. A. Tanner, and R. E. Gilmor. 2,367,503; Jan. 16.
Cellulose derivative extrusion process. C. R. Fordyce and G. J. Clarke. 2,367,493; Jan. 16.
Cellulose derivatives and preparing the same. J. A. Roux. 2,369,411; Feb. 13.
Cellulose derivatives and their production, Insoluble. C. Coolidge and J. S. Reese, IV. 2,375,838; May 15.
Cellulose derivatives, Production of. H. Dreyfus. 2,376,422; May 22.
Cellulose derivatives, Production of. H. Dreyfus. 2,380,157; July 10.
Cellulose derivatives with nitro dyes, Dyeing of. H. C. Olpin and C. S. Argyle. 2,368,723; Feb. 6.
Cellulose ester manufacture. F. P. Alles. 2,376,890–1; May 29.
Cellulose esters, Production of. G. W. Seymour, M. E. Martin, and R. D. Rowley. 2,373,786; Apr. 17.
Cellulose esters stabilized against discoloration, Preparing high butyryl. C. J. Malm. 2,371,768; Mar. 20.
Cellulose ether composition. W. E. Gloor. 2,389,354; Nov. 20.
Cellulose ethers and producing the same. F. H. Reichel and R. T. K. Cornwell. 2,388,764; Nov. 13.
Cellulose for nitration, Preparation of wood pulp. W. E. Sillick. 2,384,853; Sept. 18.
Cellulose matter and resulting product, Processes for treating. C. Luckhaupt. 2,387,801; Oct. 30.
Cellulose nitrate, Manufacture of. R. H. McKee. 2,377,435; June 5.
Cellulose nitrate, Preparation of. W. E. Sillick. 2,367,533; Jan. 16.
Cellulose propionate and making, High viscosity. R. E. Fothergill. 2,372,565; Mar. 27.
Cellulose, Treatment of. R. B. Darling. 2,382,399; Aug. 14.
Cellulosic fabrics, Finishing. H. I. Huey and W. W. Russell. 2,378,360; June 12.
Cellulosic material. R. A. Bierwirth. 2,373,374; Apr. 10.
Cellulosic material and abrasive article and making the same, Sheeted. B. S. Cross. 2,386,780; Oct. 16.
Cellulosic material, Bleaching. C. A. Hampel. 2,367,771; Jan. 23.
Cellulosic materials, Treating. C. I. Haney and M. E. Martin. 2,391,569; Dec. 25.
Cellulosic pulp, Treatment of. S. M. Edelstein. 2,368,527; Jan. 30.
Cellulosic textile materials, Modifying the dyeing and other properties of. J. H. MacGregor. 2,375,124; May 1.
Cement and retarding the setting rate thereof, Portland. M. A. Swayze. 2,374,628; Apr. 24.
Cement composition and making same. E. W. Scripture, Jr. 2,383,891; Aug. 28.
Cement compositions, Treatment of hydraulic. C. A. Owens. 2,374,562; Apr. 24.
Cement container. E. B. Wagner. 2,374,397; Apr. 24.
Cement conveying can. H. A. Wagner and G. H. Wagner. 2,374,398; Apr. 24.
Cement, Manufacture of. L. R. Sherman and C. R. Bartels. 2,390,225; Dec. 4.
Cement, particularly useful as a coating, Silicate. C. L. Jewett. 2,378,927; June 26.
Cement, Plastic. H. Ford, R. A. Boyer, and P. J. Beyer. 2,376,133; May 15.
Cement product and the manufacture thereof, Coated. H. M. Marc. 2,372,284; Mar. 27.
Cement, Quick curing neoprene. L. S. Bake. 2,384,269; Sept. 4.
Cement, Quick setting. E. Wainer and A. Salomon. 2,391,493; Dec. 25.
Cement, Slow setting. L. S. Brown. 2,374,581; Apr. 24.
Cement softener and using the same. E. C. Pitman. 2,366,353; Jan. 2.
Cement, Tabbing. H. Zimmerman. 2,387,967; Oct. 30.
Cementing between multiple sands. A. Boynton. 2,374,169; Apr. 24.
Cementing process. R. E. Christ. 2,367,670; Jan. 23.
Cementing wells. C. A. Brokaw. 2,387,493; Oct. 23.
Cementitious anchorable hanger support. G. E. Moore. 2,385,296; Sept. 18.
Cementitiously casing submerged piling. H. Gast and F. W. Freeman. 2,373,885; Apr. 17.
Cements. S. G. Saunders and H. Morrison. 2,376,854; May 22.
Cements, Plastic sealing. J. D. Morgan and R. E. Lowe. 2,389,926; Nov. 27.
Center bearing. S. Bochonok. 2,390,493; Dec. 11.

Center finder for tunnel excavations and the like. J. J. Kinney. 2,376,700; May 22.
Center for lathes and grinders, Rotatable. E. L. Roofe. 2,366,806; Jan. 9.
Center-of-gravity location indicator. J. H. Hutton. 2,391,243; Dec. 18.
Center of gravity location indicator. C. R. McWhorter. 2,391,257; Dec. 18.
Centering attachment. R. C. Turner. 2,373,927; Apr. 17.
Centering device, Casing. M. C. Johnson. 2,388,416; Nov. 6.
Centering device for electron guns. S. J. Koch and J. H. Mobillard. 2,379,488; July 3.
Centering means for boring machines. W. F. Mitchell. 2,391,183; Dec. 18.
Centering tool. C. B. Alvis. 2,379,406; July 3.
Central electrode support. S. A. Scherbatskoy. 2,390,965; Dec. 11.
Centralized traffic controlling system for railroads. S. N. Wight. 2,368,957; Feb. 6.
Centralizing device for brake shoes. S. Schnell. 2,380,796; July 31.
Centralizing mechanism. C. M. Friden and A. B. Machado. 2,380,642; July 31.
Centrifugal. G. M. Norman and J. Stuart II. 2,382,574; Aug. 14.
Centrifugal. A. H. Schutte. 2,379,993; July 10.
Centrifugal abrasive-sheet holding wheel. R. S. Gutsell. 2,377,880; June 12.
Centrifugal air compressor. A. L. Berger. 2,390,504; Dec. 11.
Centrifugal casting machine. L. Greenberg. 2,370,953; Mar. 6.
Centrifugal clutch. G. W. Hayter. 2,368,299; Jan. 30.
Centrifugal clutch. A. D. Pentz. 2,367,048; Jan. 9.
Centrifugal clutch. N. B. Wilson. 2,381,196; Aug. 7.
Centrifugal compressor. D. R. Shoults. 2,373,713; Apr. 17.
Centrifugal compressor entry vane construction. F. P. Sollinger. 2,384,265; Sept. 4.
Centrifugal cutting pump. A. C. Durdin, Jr. 2,371,681; Mar. 20.
Centrifugal device. R. W. Esarey. 2,372,064; Mar. 20.
Centrifugal dust separator. H. van Tongeren. 2,378,600; June 19.
Centrifugal machine. E. M. Shideler and H. L. Bloxom. 2,387,095; Oct. 16.
Centrifugal machine and driving system therefor. J. Hertrich. 2,380,595; July 31.
Centrifugal or rotary pump. T. A. Maroney. 2,371,250. Mar. 13.
Centrifugal pump. C. Blom. 2,368,962; Feb. 6.
Centrifugal pump. G. P. E. Howard. 2,366,964; Jan. 9.
Centrifugal pump. I. J. Karassik. 2,386,898; Oct. 16.
Centrifugal pump. F. Miess. 2,376,071; May 15.
Centrifugal pump. J. G. Read. 2,385,730; Sept. 25.
Centrifugal pump. G. F. Wiallcenus. 2,376,528; May 22.
Centrifugal pump. C. E. Wuensch. 2,382,839; Aug. 14.
Centrifugal pump for liquid, Motor-driven. G. C. Merewew. 2,384,254; Sept. 4.
Centrifugal separating apparatus, Multistage. P. Pootjes. 2,372,514; Mar. 27.
Centrifugal separator. W. H. Bath. 2,380,014; July 10.
Centrifugal separator. L. D. Jones and W. H. Bath. 2,370,315; Feb. 27.
Centrifugal separator. J. F. Tholl. 2,384,784; Sept. 11.
Centrifugal separator pan. R. W. Muerle. 2,379,647; July 3.
Centrifugal separator pump. R. R. Curtis. 2,379,133; June 26.
Centrifugal spark control mechanism for flywheel magnetos. R. E. Phelon. 2,388,994; Nov. 13.
Centrifugal throwing wheel. C. E. Unger. 2,376,639; May 22.
Centrifuging machine. H. Crewdson. 2,383,240; Aug. 21.
Ceramic bodies. I. E. Sproat. 2,380,198; July 10.
Ceramic bodies and producing same. H. L. Crowley and A. M. Hossenlopp. 2,382,136; Aug. 14.
Ceramic color, Application of. E. Hardesty. 2,383,190–1; Aug. 21.
Ceramic combustion chamber, Prefabricated. F. Christenson. 2,370,008; Feb. 20.
Ceramic composition. W. H. Hicks. 2,388,060; Oct. 30.
Ceramic material. M. D. Rigterink. 2,386,633; Oct. 9.
Ceramic material, Preparing reinforced. J. R. Parsons. 2,371,353; Mar. 13.
Ceramic preparation. E. Wainer. 2,369,327; Feb. 13.
Ceramic wares, Manufacture of. H. R. Straight. 2,388,446; Nov. 6.
Ceramics, Glazed. R. Russell, Jr. 2,389,386; Nov. 20.
Ceramics, High dielectric constant. E. Wainer and A. N. Salomon. 2,377,910; June 12.
Cereal grains, Treating. A. K. Balls and W. S. Hale. 2,381,421; Aug. 7.
Cereal product, Making. F. A. Collatz. 2,388,904; Nov. 13.
Cereals, Treatment of. J. C. Baker. 2,379,335; June 26.
Chain: *See*—
Conveyer chain.
Cutter chain.
Nonskid chain.
Potato grader chain.
Roller chain.
Shouldered transfer chain.
Silent type chain.
Chain attachment. A. W. Lemmon. 2,377,253; May 24.
Chain bed motion for printing presses. W. M. Kelly, 2,371,693; Mar. 20.
Chain clamp. F. R. Harris. 2,387,509; Oct. 23.
Chain filling machine. F. Armbrust and A. G. Reibling. 2,371,141; Mar. 13.
Chain hoist. R. E. Nelles. 2,374,450; Apr. 24.
Chain intermediates, Making long. L. I. Smith and G. F. Rouault. 2,376,286; May 15.
Chain link blank, and making chain links. H. St. Pierre. 2,382,345; Aug. 14.
Chain links, Treatment of. H. St. Pierre. 2,374,392; Apr. 24.
Chain lock or fastener. E. W. Lowe. 2,379,014; June 26.
Chain saw machine. A. W. Mall. 2,370,556; Feb. 27.
Chain saw tooth setting device. E. E. Lambert. 2,385,868; Oct. 2.
Chain transmission more particularly for cycles. G. Lapeyre. 2,368,147; Jan. 30.
Chains, Compression resistant. K. Bender. 2,375,461; May 8.
Chains, Compression resistant group of flat link. K. Bender. 2,375,462; May 8.
Chair: *See*—
Adjustable chair.
Baby's bath chair.
Collapsible chair.
Convertible chair.
Folding chair.
Folding highchair.
Folding wheel chair.
Hospital chair.
Lawn chair.
Posture chair.
Reclining chair.
Revolving chair.
Swivel chair.
Wheeled invalid chair.
Chair. O. W. Bollck, Sr. 2,374,801; May 1.
Chair. E. C. Booth. 2,381,718; Aug. 7.
Chair. M. Greitzer. 2,390,878; Dec. 11.
Chair. E. L. Koenig. 2,369,580; Feb. 13.
Chair. H. P. Nordmark. 2,371,256; Mar. 13.
Chair. H. P. Nordmark. 2,378,495; June 19.
Chair and music stand unit. M. E. Shick. 2,375,696; May 8.
Chair arm attachment, Star-shaped ash tray. J. Liakopulos. 2,375,565; May 8.
Chamber door construction. E. Lodwig. 2,368,935; Feb. 6.
Chamber for aircraft, Supercharged. R. T. Hurley. 2,373,185; Apr. 10.
Chamber for conditioning air. O. C. Daiber. 2,376,345; May 22.
Chambers, Depressuring catalyst-containing. I. Mayer. 2,373,043; Apr. 3.
Chamfering gears, Method and machine for. J. E. Gleason. 2,369,963; Feb. 20.
Chamfering tool. D. Heyer. 2,373,474; Apr. 10.
Change speed device. J. M. Kenworthy. 2,377,697; June 5.
Changeable price sign. A. H. Pulver, Jr. 2,388,180; Oct. 30.
Channel, Circulating water. C. A. Lee. 2,382,999; Aug. 21.
Channel closing machine. L. E. Proulx. 2,390,616; Dec. 11.
Channel edges for welding, Upsetting. D. W. Sherman. 2,377,974; June 12.
Char, Carbonaceous. J. F. Rush. 2,378,246; June 12.
Charcoal grill. M. Gilbert. 2,375,913; May 15.
Charge feeding system for internal-combustion engines. A. P. E. Planiol. 2,374,130; Apr. 17.
Charge former. F. Gosshau, J. Schmidt, and G. Welche. 2,390,665; Feb. 20.
Charge forming apparatus, Internal-combustion engine. R. M. Anderson. 2,375,883; May 15.
Charge forming device. M. E. Chandler. 2,372,356; Mar. 27.
Charge forming device. B. Drysdale. 2,386,388; Oct. 9.
Charge forming device. G. Gerson. 2,391,410; Dec. 25.
Charge forming device. F. C. Mock. 2,372,332; Mar. 27.
Charge forming device. F. P. Roumillat. 2,370,261; Feb. 27.
Charge forming device. H. W. Smith and D. D. Paxton. 2,385,112; Sept. 18.
Charge forming device for internal-combustion engines. R. C. Cone. 2,386,594; Oct. 9.
Charge, Gun. J. E. Chapman. 2,384,724–5; Sept. 11.
Charge preparation. I. D. Wagner, L. D. Fetterolf, R. K. Waring, and G. T. Mahler. 2,390,016; Nov. 27.
Charger, Battery. R. D. Amsden. 2,366,466; Jan. 2.
Charger motor. G. W. Pontius, III. 2,389,996; Nov. 27.
Charging apparatus for storing batteries. A. C. Fletcher. 2,366,505; Jan. 2.
Charging mechanism for automatic firearms. G. Webb. 2,372,463; Mar. 27.
Chart. B. H. Williams. 2,386,644; Oct. 9.
Chart, Child's growing record. N. P. Steckler. 2,369,988; Feb. 20.
Chart changer. J. A. Swindle. 2,381,188; Aug. 7.
Chaser adjusting means. D. R. Powell and W. L. Moore. 2,387,291; Oct. 23.
Chaser holding means. D. R. Powell and W. L. Moore. 2,378,431; June 19.
Chasers, Grinding. J. P. Gorman. 2,371,515; Mar. 13.
Chassis for tanks, Motor vehicle. H. C. Harbers. 2,374,196; Apr. 24.
Chassis, Motor vehicle. H. E. Willock. 2,366,166; Jan. 2.
Check and control system for molding machine, Operation. W. Strauss. 2,371,077; Mar. 6.

Check and control system for molding machines, Operation. W. Strauss. 2,391,362; Dec. 18.
Check board for games. W. C. Durkin. 2,382,005; Aug. 14.
Check controlled apparatus. W. W. Bowman. 2,386,191; Oct. 9.
Check, Door. H. Singer. 2,376,285; May 15.
Checking. C. E. Galley. 2,386,103; Oct. 2.
Checkstrap. L. J. Carter. 2,371,025; Mar. 6.
Check strap. H. J. Shivell. 2,374,042; Apr. 17.
Check valve. C. R. Flint. 2,390,527; Dec. 11.
Check valve. J. Hirshstein. 2,383,481–2; Aug. 28.
Check valve. H. B. Lee. 2,368,149; Jan. 30.
Check valve. C. R. Stewart. 2,372,456; Mar. 27.
Check valve device. J. D. Langdon. 2,372,726; Apr. 3.
Checker game. J. J. Vollmer. 2,379,465; July 3.
Checking machine. H. Spedding. 2,368,579; Jan. 30.
Cheese forming apparatus and method. T. Petersen. 2,366,553; Jan. 2.
Cheese, Making. Z. D. Roundy and H. L. Keil. 2,370,878–9; Mar. 6.
Cheese package. J. E. Snyder. 2,383,352; Aug. 21.
Chemical apparatus for the manufacture of explosives. H. O. Richardson. 2,385,162; Sept. 18.
Chemical coatings on metal, Expediting. R. R. Tanner. 2,373,433; Apr. 10.
Chemical composition. G. E. Phillips. 2,384,960; Sept. 18.
Chemical compound. J. G. Lichty. 2,386,694; Oct. 9.
Chemical compound and making same, New. M. De Groote and B. Keiser. 2,381,115; Aug. 7.
Chemical compound and producing same. A. F. Wirtel. 2,375,606; May 8.
Chemical compounds. F. J. Cahn and B. R. Harris. 2,371,097; Mar. 6.
Chemical compounds. W. L. Ruigh. 2,378,435; June 19.
Chemical compounds and preparing same. A. K. Epstein and M. Katzman. 2,368,208; Jan. 30.
Chemical compounds from materials of nature, Isolating. H. G. Petering and P. W. Morgal. 2,383,561; Aug. 28.
Chemical feeding pump. J. F. Singleton. 2,383,422; Aug. 21.
Chemical heating container. G. M. Babcock, F. B. Rethwisch, and V. E. Furnas. 2,384,720; Sept. 11.
Chemical immersion heater. W. A. Caldwell. 2,386,654; Oct. 9.
Chemical immersion heater. W. A. Caldwell. 2,388,466; Nov. 6.
Chemical manufacture. W. L. Finley. 2,379,290; June 26.
Chemical mixtures, Forming. C. T. Harding. 2,374,933; May 1.
Chemical process. H. R. Batchelder. 2,383,363; Aug. 21.
Chemical process. J. Harmon. 2,390,099; Dec. 4.
Chemical process. C. E. Heniminger. 2,376,139; May 15.
Chemical process. P. W. Janeway, Jr. 2,366,901; Jan. 9.
Chemical process. K. K. Kearby. 2,384,311; Sept. 4.
Chemical process. J. W. Robinson. 2,383,617; Aug. 28.
Chemical process. B. E. Roethell and W. G. Scharmann. 2,376,190; May 15.
Chemical process. B. E. Roethell and W. G. Scharmann. 2,376,191; May 15.
Chemical process. W. F. Rollman. 2,377,107; May 29.
Chemical process. M. Sveda. 2,383,752; Aug. 28.
Chemical process and product. F. W. Breuer. 2,366,311; Jan. 2.
Chemical process and product. H. S. Isbell. 2,380,444; July 31.
Chemical process and product. F. J. Soday. 2,376,396; May 22.
Chemical process and product. F. J. Soday. 2,384,855; Sept. 18.
Chemical process and product. F. J. Soday. 2,389,647; Nov. 27.
Chemical process and product. F. J. Soday. 2,390,190; Dec. 4.
Chemical process and product. A. L. Ward. 2,388,583–4; Nov. 6.
Chemical processes. H. R. Rosenberg. 2,386,635; Oct. 9.
Chemical processes and products. A. D. Johnson. 2,381,960; Aug. 14.
Chemical reactions. C. W. Tyson. 2,391,366; Dec. 18.
Chemical reactions and physical treatments, Process of and apparatus for facilitating and controlling. J. C. Hartley. 2,371,619; Mar. 20.
Chemical reactions or physical treatments, Facilitating and controlling. G. D. Dill. 2,381,119; Aug. 7.
Chemical sensitizing of emulsions. W. J. Weyerts. 2,380,280; July 10.
Chemicals, Nitrogen generating. E. T. Rainier and D. M. French. 2,371,707; Mar. 20.
Chest, Cedar. E. C. Crocker. 2,386,440; Oct. 9.
Chest construction, Steam. G. M. Mierley. 2,367,134; Jan. 9.
Chest protector. M. Morgan. 2,385,877; Oct. 2.
Chewing gum base. J. E. Moose. 2,383,145; Aug. 21.
Chewing gum base. G. B. Mustin. 2,366,672; Jan. 2.
Chewing gum material. G. Spiller. 2,367,380; Jan. 16.
Child's folding vehicle. D. R. Winslow. 2,377,198; May 29.
Child's vehicle. M. L. Shuler. 2,375,389; May 8.
Chilling cabinet. T. R. Paulson. 2,390,030; Nov. 27.
Chime and head, Drum. W. I. Hanrahan. 2,386,312; Oct. 9.
Chime signal. J. R. Corbett. 2,386,738; Oct. 9.
Chimney construction. R. W. McLaughlin. 2,381,548; Aug. 7.
Chimney liner extension. L. H. Munyon. 2,381,178; Aug. 7.
Chip breaker. H. R. Johnson. 2,375,367; May 8.
Chip breaking structure. E. J. Kingsbury. 2,391,463; Dec. 25.
Chipper knife assembly. S. D. Payzer and N. A. Gray. 2,388,799; Nov. 13.
Chiropractic adjustment table. J. G. Norris. 2,381,922; Aug. 14.
Chlor benzyl xanthates. E. S. Blake and K. L. Godfrey. 2,381,483; Aug. 7.
Chlorcarbonates and preparation, Unsaturated. F. E. Küng. 2,377,085; May 29.
Chlorhydrins and polyhydric alcohols from olefins, Preparation of. C. F. Reed. 2,378,104; June 12.
Chloride and products thereof, Producing anhydrous pure para acetylamine benzene sulphonyl chloride and product thereof. H. W. Coward and L. M. Shafer. 2,360,023; Feb. 6.
Chloride, Anhydrous magnesium, Production of. R. Lepsoe, G. S. Ortner, and J. H. Salter. 2,384,479; Sept. 11.
Chloride, Cellular rubber. G. R. Cuthbertson. 2,371,382; Mar. 13.
Chloride compositions, Porous polyvinyl. H. Berg and M. Doriat. 2,371,868; Mar. 20.
Chloride compositions, Stabilizer for polyvinyl. G. H. Taft. 2,378,739; June 19.
Chloride compositions, Vinylidene. E. C. Britton. 2,384,886; Sept. 18.
Chloride compositions, Vinylidene. E. C. Britton and H. W. Moll. 2,384,880–5; Sept. 18.
Chloride compositions, Vinylidene. E. C. Britton and H. W. Moll. 2,385,256; Sept. 18.
Chloride compositions, Vinylidene. A. W. Hanson and W. C. Goggin. 2,384,910; Sept. 18.
Chloride compositions, Vinylidene. F. B. Smith. 2,384,973; Sept. 18.
Chloride, Fabricating polymeric vinylidene. R. M. Wiley. 2,385,318; Sept. 18.
Chloride fibers, Crinkled polymeric vinylidene. W. B. Robbins. 2,377,810; June 5.
Chloride, Preparation of trimethylsilicon. R. R. McGregor and E. L. Warrick. 2,386,488; Oct. 9.
Chloride, Producing ferrous. T. C. Oliver, R. D. Long, and L. H. Crosson. 2,374,453; Apr. 24.
Chloride, Production of hydroylammonium. P. F. Tryon. 2,377,193; May 29.
Chloride, Production of refined cynnogen. J. T. Thurston and R. L. Sperry. 2,391,490; Dec. 25.
Chloride, Purifying anhydrous aluminum. P. M. Arnold. 2,387,228; Oct. 23.
Chlorides of chromium, Treatment of. A. Pechukas. 2,368,323; Jan. 30.
Chlorides of neohexane, Secondary. A. W. Horton. 2,385,444; Sept. 25.
Chlorinated aliphatic hydrocarbons, Production of. J. S. Sconce, J. T. Rucker, S. E. Whitmire, and W. R. Schoonover. 2,385,475; Sept. 25.
Chlorinated synthetic rubber. G. F. D'Alelio. 2,380,726; July 31.
Chlorinating apparatus. W. Loewenstern. 2,389,524; Nov. 20.
Chlorinating polymeric materials. R. G. R. Bacon and W. J. R. Evans. 2,379,409; July 3.
Chlorination of pyrazine. J. M. Sayward. 2,391,745; Dec. 25.
Chlorination of tertiary olefins, Substitution. H. E. Bue and C. W. Muessig. 2,380,500; July 31.
Chlorine and sodium sulphate, Manufacture of. R. K. Iler. 2,375,001; May 1.
Chlorine and sulphur dioxide, Separation of. J. K. Farrell and W. C. Eichelberger. 2,377,138; May 29.
Chlorine by distillation, Separating sulphur dioxide. H. C. Carlson. 2,381,876. Aug. 14.
Chlorine compositions, Vinylidene. L. A. Matheson. 2,384,947; Sept. 18.
Chlorine detection by electrode depolarization. H. C. Marks. 2,370,871; Mar. 6.
Chlorine dioxide and nitrogen oxides, Preparation of. C. H. Evans. 2,390,432; Dec. 4.
Chlorine dioxide manufacture. S. H. Persson. 2,376,935; May 29.
Chlorine dioxide, Producing. T. G. Holst. 2,373,830; Apr. 17.
Chlorine, Manufacture of. F. J. McAdam. 2,375,011; May 1.
Chlorine, Production of. F. P. Kerschbaum. 2,369,301; Feb. 13.
Chloroaniline antifoggants. G. E. Fallesen. 2,384,613; Sept. 11.
Chlorobutadienes from butane, Manufacture of. A. S. Carter and F. W. Johnson. 2,381,037; Aug. 7.
Chloroindanthrones, Preparing. D. X. Klein. 2,377,158; May 29.
Chloroprene by pyrolysis, Production of. G. W. Hearne and M. L. Adams. 2,391,827; Dec. 25.
Chloroprene compositions, Polymerized. A. D. Macdonald and J. H. Rishton. 2,386,403; Oct. 9.
Cholesterol, Preparation of. J. D. Porsche. 2,371,467; Mar. 13.

Chopper or blocker apparatus. J. H. Yates and M. Thomas. 2,382,689; Aug. 14.
Chopper, Revolving. L. W. Leeper. 2,389,790; Nov. 27.
Chorionic gonadotropic hormone, Obtaining. E. A. Doisy and P. A. Katzman. 2,375,979; May 15.
Chromans and intermediates and producing same. L. I. Smith and H. C. Miller. 2,372,132; Mar. 20.
Chromates, Producing. L. M. Kebrich. 2,382,157; Aug. 14.
Chromic chloride, Condensation of. I. E. Muskat. 2,368,319; Jan. 30.
Chromito-chromate pigment and making, Basic alkaline earth. G. D. Patterson and C. K. Sloan. 2,387,528; Oct. 23.
Chromium, Electrolytic disposition of. C. G. Harford. 2,377,229; May 29.
Chromium oxide pigments, Manufacture of composite. C. Slonim. 2,369,261; Feb. 13.
Chromium recovery. M. J. Udy. 2,381,236; Aug. 7.
Chromium recovery. M. J. Udy. 2,381,565; Aug. 7.
Chuck. H. H. Blake, Jr. 2,374,725; May 1.
Chuck. E. C. Clarke. 2,378,188; June 12.
Chuck. W. W. Eitel. 2,385,971; Oct. 2.
Chuck. N. A. Harrison. 2,384,302; Sept. 4.
Chuck. N. H. Iversen. 2,386,469; Oct. 9.
Chuck. A. J. Jones. 2,389,366; Nov. 20.
Chuck. A. C. Koett. 2,372,006; Mar. 20.
Chuck. R. G. Le Tourneau. 2,379,091; June 26.
Chuck. E. R. Lowe. 2,373,321; Apr. 10.
Chuck. M. J. McCombs. 2,368,858; Feb. 6.
Chuck. G. J. Meyer. 2,387,339; Oct. 23.
Chuck. T. Nelson. 2,378,720; June 19.
Chuck. C. A. Palmgren. 2,389,536; Nov. 20.
Chuck. A. M. Stoner. 2,372,691; Apr. 3.
Chuck and electrode. H. V. Harding. 2,374,348; Apr. 24.
Chuck attachment. C. P. Stewart. 2,381,087; Aug. 7.
Chuck, Centrifugal. V. Grey. 2,367,863; Jan. 23.
Chuck, Collet. W. C. Cope. 2,391,550; Dec. 25.
Chuck, Collet. C. W. Hoppe. 2,370,729; Mar. 6.
Chuck, Collet. E. B. Phillips. 2,383,156; Aug. 21.
Chuck, Collet. F. M. Shaw. 2,376,093; May 15.
Chuck device, Automatic. G. Jellinek. 2,386,960; Oct. 16.
Chuck, Drill. H. H. Talboys and H. E. Erickson. 2,389,749; Nov. 27.
Chuck, Expansion. M. C. Alyea. 2,379,210; June 26.
Chuck for drills, reamers, milling cutters, and like tools. C. H. Clare. 2,381,335; Aug. 7.
Chuck for frazing machines. E. E. Calhoun. 2,385,346; Sept. 25.
Chuck for small drills. T. L. Stalker. 2,369,321; Feb. 13.
Chuck for winding machines. J. W. Miller. 2,370,563; Feb. 27.
Chuck handling device. C. M. Carr. 2,369,280; Feb. 13.
Chuck mechanism. J. C. Curtis. 2,385,349; Sept. 25.
Chuck operating mechanism, Collet. O. Kylin. 2,375,115; May 1.
Chuck or holder. F. H. Clarkson. 2,367,998; Jan. 23.
Chuck, Quick change drill. H. F. Poutie. 2,370,487; Feb. 27.
Chuck spindle, Fluid actuated double ended. J. E. Lovely. 2,373,592; Mar. 27.
Chuck, Tool. A. Olchvary, Jr. 2,369,751; Feb. 20.
Chucking means for drill bits. J. F. McCarthy, Jr. 2,368,077; Jan. 23.
Chute. S. C. Hurley, Jr. 2,377,154; May 29.
Chute, Fire escape. H. D. Elwood. 2,381,809; Aug. 7.
Chute, Flexible. W. H. Nobles and J. E. Mills. 2,378,652; June 19.
Chute for hay balers, Discharge. S. H. Hunziker. 2,390,306; Dec. 4.
Chute for weft replenishing looms, Bobbin. R. G. Turner. 2,376,738; May 22.
Chute, Spark and sing catching. E. G. O'Connor. 2,380,188; July 10.
Cigar binders and the like, Paster for. S. Clausen. 2,391,294; Dec. 18.
Cigar bunches, Continuous process for forming. F. H. Wells. 2,367,911; Jan. 23.
Cigar feader mechanism. J. P. Durning. 2,369,777; Feb. 20.
Cigar machine locking mechanism. J. F. Halstead. 2,376,355; May 22.
Cigar machine trimming and knurling mechanism. C. Olson. 2,366,211; Jan. 2.
Cigars, Packing. K. E. Granstedt. 2,370,791; Mar. 6.
Cigarette and cigar holder. R. J. Cloutier. 2,371,426; Mar. 13.
Cigarette and safety match holder. M. Mayer. 2,369,364; Feb. 13.
Cigarette case. H. A. Husted. 2,378,774; June 19.
Cigarette container and lighter, Combination. R. Mayer. 2,373,772; Apr. 17.
Cigarette dispenser. C. Friesch. 2,370,398; Feb. 27.
Cigarette dispenser. N. Testi. 2,382,350; Aug. 14.
Cigarette dispenser and ash tray, Combination. E. R. Loudermilk. 2,390,657; Dec. 11.
Cigarette dispensing apparatus. E. King. 2,373,476; Apr. 10.
Cigarette holder. W. A. Olson. 2,385,227; Sept. 18.
Cigarette-making machine. J. C. Wahl. 2,376,103; May 15.
Cigarette or the like, Multiple. H. R. Bauer and W. A. Bogg. 2,389,104; Nov. 13.
Cigarette package cover. L. V. Bell. 2,388,519; Nov. 6.
Cinder draining and disposal plant. W. C. Richardson. 2,380,264; July 10.
Cinematograph apparatus. A. Redler. 2,390,389; Dec. 4.
Cipher machine. E. H. Hebern. 2,373,890; Apr. 17.
Circle cutting tool. W. F. Hubbell. 2,390,938; Dec. 11.
Circuit: *See*—
- Amplifier circuit.
- Antihunting circuit.
- Arc decreasing circuit.
- Audio frequency compensator circuit.
- Automatic tuning control circuit.
- Automatic volume control circuit.
- Balanced cathode ray sweep circuit.
- Cathode ray tube and circuit.
- Control circuit.
- Crystal oscillator circuit.
- Delayed trigger circuit.
- Discharge lamp circuit.
- Electric circuit.
- Electric control circuit.
- Electric valve circuit.
- Electrical circuit.
- Electrical timing circuit.
- Electron beam rotation synchronizing circuit.
- Electron tube circuit.
- Electronic control circuit.
- Electronic tube circuit.
- Feed-back circuit.
- Fluorescent circuit.
- Frequency control circuit.
- Frequency discriminator circuit.
- Headlight circuit.
- High frequency coupling circuit.
- Hydraulic circuit.
- Keystone correction circuit.
- Line usage recorder circuit.
- Magnetic polarity changing circuit.
- Microphone circuit.
- Modulation circuit.
- Oscillator circuit.
- Oscillator-modulator circuit.
- Oscillator stabilizing circuit.
- Phase inverter circuit.
- Photoelectric safety circuit.
- Power output amplifier circuit.
- Pulse-integrating circuit.
- Range quadrant identification circuit.
- Reactance control circuit.
- Reactance tube circuit.
- Receiver desensitizing circuit.
- Rectifier battery charger circuit.
- Reflex converter circuit.
- Relay control circuit.
- Remote control circuit.
- Resonant circuit.
- Selective control circuit.
- Selective null transmission circuit.
- Self-balancing inverter circuit.
- Self-compensating amplifier tube circuit.
- Self-pulsing circuit.
- Substation circuit.
- Telephone station circuit.
- Telephone substation circuit.
- Television amplifier circuit.
- Temperature compensated tuned circuit.
- Thermionic valve circuit.
- Thermoelectric control circuit.
- Thermostat control circuit.
- Ultra-high frequency converter circuit.
- Ultra high frequency vacuum tube circuit.
- Variable grid circuit.
- Voltage changing circuit.
- Voltage limiting circuit.
- Voltage modifying circuit.
- Voltage regulator circuit.
- Volume limiter circuit.
- Wave control circuit.

Circuit and control system, Pulsating. P. Glass. 2,386,677; Oct. 9.
Circuit arrangement, Amplifier. T. H. Price. 2,383,888; Aug. 28.
Circuit arrangement for resistance elements having a high resistance-temperature coefficient. C. T. Scully. 2,375,497; May 8.
Circuit breaker. A. H. Baylis. 2,367,920; Jan. 23.
Circuit breaker. S. H. Boden and H. L. Peek. 2,383,288; Aug. 21.
Circuit breaker. J. D. Bolesky. 2,371,672; Mar. 20.
Circuit breaker. A. A. Bolsterli. 2,378,124; June 12.
Circuit breaker. T. M. Cole. 2,370,448; Feb. 27.
Circuit breaker. J. M. Cumming and H. L. Peek. 2,384,801; Sept. 18.
Circuit breaker. J. M. Cunningham. 2,384,802; Sept. 18.
Circuit breaker. L. W. Dyer. 2,370,024; Feb. 20.
Circuit breaker. L. W. Dyer and H. D. Dorfman. 2,376,759; May 22.
Circuit breaker. A. Estienne. 2,382,703; Aug. 14.
Circuit breaker. H. C. Graves, Jr. 2,372,778; Apr. 3.
Circuit breaker. E. A. Ileman. 2,386,611; Oct. 9.
Circuit breaker. O. S. Jennings. 2,385,001; Sept. 18.
Circuit breaker. F. Kesselring, F. Gieffers, and W. Kaufmann. 2,387,589; Oct. 23.
Circuit breaker. H. Langstroth. 2,381,294; Aug. 7.
Circuit breaker. T. Lindstrom and J. W. May. 2,370,054; Feb. 20.
Circuit breaker. J. W. May, W. H. Stuellein, and M. E. Horn. 2,383,403; Aug. 21.
Circuit breaker. S. J. Mitchell. 2,387,925; Oct. 30.
Circuit breaker. H. L. Peek. 2,379,178; June 26.
Circuit breaker. H. L. Peek and J. M. Cumming 2,381,307; Aug. 7.
Circuit breaker. A. B. Rypinski. 2,389,999; Nov. 27.
Circuit breaker. E. H. Taylor. 2,367,382; Jan. 16.
Circuit breaker. E. H. Taylor. 2,370,206; Feb. 27.
Circuit breaker. H. J. Webb, B. P. Baker, and A. M. Wahl. 2,374,058; Apr. 17.
Circuit breaker. H. M. Wilcox, B. P. Baker, and H. J. Webb. 2,374,062; Apr. 17.
Circuit breaker. M. B. Wood. 2,370,340; Feb. 27.
Circuit breaker. J. J. Zeller. 2,375,881; May 15.
Circuit breaker, Air blast. C. V. Foulds. 2,382,786; Aug. 14.

Circuit breaker and control therefor, Air blast. W. M. Scott, Jr. 2,390,128; Dec. 4.
Circuit breaker and control therefor, Air blast. W. M. Scott, Jr. 2,390,333; Dec. 4.
Circuit breaker and control therefor, Air blast. W. M. Scott, Jr. 2,390,966; Dec. 11.
Circuit breaker and ignition timing device. W. Ochsenbein. 2,386,136; Oct. 2.
Circuit breaker control. R. O. Bonine. 2,381,254; Aug. 7.
Circuit breaker control system. W. A. Derr. 2,390,782; Dec. 11.
Circuit breaker control system. W. R. Taliaferro. 2,385,042; Sept. 18.
Circuit breaker, Enclosed. H. D. Dorfman. 2,383,296; Aug. 21.
Circuit breaker, Fluid blast. C. H. Flurscheim. 2,391,826; Dec. 25.
Circuit breaker-movable contact. W. M. Scott, Jr. 2,375,328; May 8.
Circuit breaker, Multiple automatic. P. M. Christensen. 2,374,273; Apr. 24.
Circuit breaker operating mechanism. F. J. Pokorny. 2,390,735; Dec. 11.
Circuit breaker operating system. C. Thumim, E. J. Frank, and A. C. Boisseau. 2,389,942; Nov. 27.
Circuit breaker, Synchronously tripped. R. C. Van Sickle. 2,372,139; Mar. 20.
Circuit breaker system, Automatic reclosing. A. E. Anderson. 2,384,362; Sept. 4.
Circuit control and connection therefor. L. V. Lucia. 2,373,248; Apr. 10.
Circuit control device. L. D. Norton and V. L. Frykman. 2,374,561; Apr. 24.
Circuit control system. G. W. Nagel. 2,372,106; Mar. 20.
Circuit controller, Electromagnetic. L. Beeman. 2,371,601; Mar. 20.
Circuit controller, Electromagnetic. C. T. Evans. 2,385,779; Oct. 2.
Circuit-controlling apparatus. K. A. Oplinger. 2,390,809; Dec. 11.
Circuit controlling device. F. E. Finlayson. 2,367,014; Jan. 9.
Circuit controlling device. V. N. Reiff. 2,381,688; Aug. 7.
Circuit controlling device. C. F. Robbins. 2,375,387; May 8.
Circuit controlling device. C. F. Robbins. 2,376,506; May 22.
Circuit for cathode ray tubes, Sweep. V. E. Milward 2,383,333; Aug. 21.
Circuit for combustion motors, Electrical. O. H. Hasselbaum. 2,376,691; May 22.
Circuit for frequency modulation receivers, Limiter. C. E. Atkins. 2,390,502–3; Dec. 11.
Circuit for gaseous discharge devices, Nonstroboscopic. D. W. Abernathy. 2,368,090; Jan. 30.
Circuit for inductive heating, Oscillator. J. A. Hutcheson. 2,381,057; Aug. 7.
Circuit for oscilloscope, Expansion. H. A. Thompson. 2,375,709; May 8.
Circuit for oscilloscopes, Expander. E. D. Cook. 2,368,448–9; Jan. 30.
Circuit for presses, Hydraulic. G. W. Wacker. 2,379,668; July 3.
Circuit for railroads, Coded track. F. X. Rees. 2,366,988; Jan. 9.
Circuit for rectifiers, Protective. J. Dyson. 2,371,035; Mar. 6.
Circuit for sound recording apparatuses, Control. L. Thompson. Re. 22,606; Feb. 20.
Circuit for transformer-rectifier systems, Protective. R. O. Whitesell and P. B. Freeman. 2,386,526; Oct. 9.
Circuit including a thermo-responsive impedance element, Electric oscillation generating. H. S. Black. 2,375,273; May 8.
Circuit interrupter. E. E. Arnold. 2,381,244; Aug. 7.
Circuit interrupter. C. L. Denault. 2,389,346; Nov. 20.
Circuit interrupter. H. S. Gates. 2,367,937; Jan. 23.
Circuit interrupter. E. H. Hall. 2,381,353; Aug. 7.
Circuit interrupter. P. R. Lee. 2,374,022; Apr. 17.
Circuit interrupter. W. M. Leeds. 2,372,094; Mar. 20.
Circuit interrupter. W. M. Leeds and B. P. Baker; 2,372,859; Mar. 27.
Circuit interrupter. W. M. Leeds and B. P. Baker. 2,385,008; Sept. 18.
Circuit interrupter. H. L. Rawlins and J. M. Wallace. 2,376,809; May 22.
Circuit interrupter. C. L. Schuck. 2,391,748; Dec. 25.
Circuit interrupter. A. P. Strom. 2,389,392; Nov. 20.
Circuit interrupter, High voltage. R. H. Earle and R. H. Amundson. 2,386,886; Oct. 16.
Circuit interrupting apparatus. H. A. Triplett. 2,379,200; June 26.
Circuit-interrupting device. H. E. Strang, G. M. Reed, and L. J. Linde. 2,385,658; Sept. 25.
Circuit-interrupting device, Reclosing. G. F. Lincks. 2,380,769; July 31.
Circuit maker and breaker. J. X. Mathieu. 2,366,542; Jan. 2.
Circuit protective device. R. D. Nelson. 2,374,560; Apr. 24.
Circuit signaling system, Coded track. M. A. Scheg. 2,366,983; Jan. 9.
Circuit structure, High frequency. W. Hotine. 2,379,439; July 3.
Circuits. V. G. Vaughan. 2,375,967; May 15.
Circuits, Coded track. A. L. Jerome. 2,376,967; May 29.
Circuits, Combined discriminator and carrier filter. M. G. Crosby. 2,374,735; May 1.
Circuits, Constant current electrical. L. W. Houghton. 2,369,675; Feb. 20.
Circuits, Deflecting. T. T. Eaton. 2,373,748; Apr. 17.
Circuits, Discriminator. M. G. Crosby. 2,374,734; May 1.
Circuits, Electric control. D. P. Faulk. 2,372,068. Mar. 20.
Circuits, Electric control. G. L. Rogers. 2,372,017; Mar. 20.
Circuits, Electric wave. H. L. Barney. 2,370,221; Feb 27.
Circuits, Feedback. C. J. Madsen. 2,372,101; Mar. 20.
Circuits for carrier systems, Gain control. A. M. Thornton and W. F. Baly. 2,382,588; Aug. 14.
Circuits for railroads, Coded track. M. A. Scheg and G. F. Wall. 2,366,984; Jan. 9.
Circuits, Frequency modulation detector. W. van B. Roberts. 2,379,748; July 3.
Circuits, Frequency modulation receiver. M. G. Crosby. 2,379,688; July 3.
Circuits, Manometer. C. J. Calbick. 2,375,280; May 8.
Circuits, Noise suppression. C. M. Campbell. 2,372,934; Apr. 3.
Circuits, Noise suppression. J. A. Worcester, Jr. 2,370,216; Feb. 27.
Circuits, Phase modulation detector. M. G. Crosby. 2,373,546; Apr. 10.
Circuits, Radio frequency. A. J. Maddock. 2,369,589; Feb. 13.
Circuits, Receiver feed-back. J. D. Booth. 2,367,923; Jan. 23.
Circuits, Supervision of electric power supply. E. M. S. McWhirter and R. H. Dunn. 2,377,506; June 5.
Circuits, Thermionic valve. P. K. Chatterjea and C. T. Scully. 2,383,710; Aug. 28.
Circuits, Thermionic valve receiving. P. K. Chatterjea and C. T. Scully. 2,391,130; Dec. 18.
Circuits, Time delay. A. J. Winchester, Jr. 2,389,396; Nov. 20.
Circular electric lamp. W. J. Geiger. 2,366,252; Jan. 2.
Circular knit hosiery and making same. H. N. Sheppard. 2,388,649; Nov. 6.
Circular knitting machine. T. C. Bromley and A. Shortland. 2,385,056; Sept. 18.
Circular knitting machine provided with pattern means. H. Diem. 2,370,619; Mar. 6.
Circular objects, Machine for rolling. A. W. Doderer. 2,368,008; Jan. 23.
Circular tool. D. H. Montgomery. 2,374,879; May 1.
Circular unit heater. W. J. Hartwig. 2,370,309; Feb. 27.
Circulating means for refrigerator cars, Air. A. F. O'Conner. 2,386,002; Oct. 2.
Circulating system and heating means therefor, Liquid. P. G. Caldwell. 2,367,197; Jan. 16.
Circulating system, Lubricant. F. B. Hunter. 2,379,579; July 3.
Circulator for furnaces, Forced air. D. F. Jones. 2,370,795; Mar. 6.
Circumciser. A. J. Baker. 2,376,893–4; May 29.
Citrus juice powder and making same. H. T. Leo and C. C. Taylor. 2,367,131; Jan. 9.
Citrus oil flavoring materials. C. H. Epstein and N. R. Gotthoffer. 2,367,269; Jan. 16.
Clamp: *See*—
- Adjustable cable splicing clamp.
- Adjustable end hose clamp
- Battery terminal clamp.
- Bean clamp.
- Bimetallic clamp.
- C clamp.
- Cable clamp.
- Cable splicing clamp.
- Chain clamp.
- Conductor tap-off clamp.
- Conduit clamp.
- Cord clamp.
- Eccentric type steel plate lifting clamp.
- Fender shield attaching clamp.
- Guardrail clamp.
- Hinged clamp.
- Hold-down clamp.
- Hose clamp.
- Jig clamp.
- Orthodontic band clamp.
- Pincer lifting clamp.
- Plate clamp.
- Printing plate clamp.
- Quick-coupling clamp.
- Radio tube clamp.
- Rope clamp.
- Scaffold clamp.
- Separable handle and band clamp.
- Skin clamp.
- Stop leak pipe joint clamp.
- Tail stock clamp.
- Turret slide clamp.
- Twin claw battery clamp.
- Universal indicator clamp.
- Welder's clamp.
- Work-holding clamp.

Clamp. M. L. Albrecht and J. G. Birn. 2,381,480; Aug. 7.
Clamp. W. C. Bryant. 2,372,548; Mar. 27.
Clamp. E. E. Hagen and H. E. Muench. 2,381,349; Aug. 7.
Clamp. P. F. Joyce. 2,385,209; Sept. 18.
Clamp. M. C. Kees. 2,368,843; Feb. 6.
Clamp. E. D. Paul. 2,380,990; Aug. 7.
Clamp. F. J. Pringle. 2,383,078; Aug. 21.
Clamp. A. M. Sasgen. 2,374,899; May 1.
Clamp. T. Van Tuyl and C. B. Hale. 2,375,507; May 8.
Clamp. A. Venditty. 2,390,232; Dec. 4.
Clamp. F. C. Wallace. 2,370,336; Feb. 27.
Clamp. F. C. Wallace. 2,387,371; Oct. 23.

Clamp. F. C. Wallace. 2,391,604; Dec. 25.
Clamp. J. W. Wohlhieter. 2,388,201; Oct. 30.
Clamp applier, Hose. G. Gustafson. 2,371,439; Mar. 13.
Clamp applying tool. S. I. Petrie. 2,386,570; Oct. 9.
Clamp device. M. W. Askin. 2,374,263; Apr. 24.
Clamp for clothesline poles. R. B. Riegel. 2,379,377; June 26.
Clamp for draw benches or the like. W. A. Weightman. 2,380,277; July 10.
Clamp for electric welding machines, Ground cable. C. M. Blough. 2,374,324; Apr. 24.
Clamp for food choppers or the like, Adjustable. D. Paskin. 2,382,811; Aug. 14.
Clamp for mail pouches, Spring tensioned. F. M. Nevitt. 2,368,941; Feb. 6.
Clamp for master sheets of printing machines. L. H. Morse. 2,391,461; Aug. 7.
Clamp for packing jars, Closure hold-down spring. H. W. Ingle. 2,380,443; July 31.
Clamp for retaining the edges of a wound in apposition. R. G. Perham. 2,371,978; Mar. 20.
Clamp for spherical joints. C. M. De Woody. 2,388,633; Nov. 6.
Clamp or similar device, Locating. J. Atkinson. 2,375,746; May 15.
Clamp wrench. W. Scheck. 2,379,107; June 26.
Clamping and securing device. J. P. Cooke. 2,389,184; Nov. 20.
Clamping device. J. G. Britcliffe. 2,377,479; June 5.
Clamping device. H. Eastman. 2,381,340; Aug. 7.
Clamping device. E. L. Jacob. 2,383,435; Aug. 21.
Clamping device. B. Leuvelink. 2,382,428; Aug. 14.
Clamping device. L. L. Reidenbach. 2,383,683. Aug. 28.
Clamping device. P. F. Rossmann. 2,371,470; Mar. 13.
Clamping device. D. L. Shaver. 2,372,987; Apr. 3.
Clamping device, Automatic. T. J. C. Chapman. 2,366,666; Jan. 2.
Clamping device for planers and the like, Rail. C. W. Barthlez. 2,382,392; Aug. 14.
Clamping device, Toggled. J. Olson. 2,386,567; Oct. 9.
Clamping mechanism for machine tools. C. E. Linden and R. H. McClellan. 2,375,169; May 1.
Clamping mechanism for machine tools. C. E. Linden and R. H. McClellan. 2,380,055; July 10.
Clamping mechanism, Work. C. L. Eksergian and J. H. Coombes. 2,381,657; Aug. 7.
Clarifier, Compound. W. E. Geissler. 2,377,875; June 12.
Clarifying apparatus. S. W. Briggs and W. C. Bauer. 2,390,494; Dec. 11.
Clarifying device. S. W. Briggs, W. C. Bauer, and W. J. Ewbank. 2,374,976; May 1.
Clarinet attachment. C. A. Runyon, Jr. 2,390,275; Dec. 4.
Clasp. C. A. Domler. 2,369,724; Feb. 20.
Clasp. E. D. Hallock. 2,380,430; July 31.
Clasp. L. Oliver. 2,382,658; Aug. 14.
Clasp brake. R. G. Aurien. 2,385,909; Oct. 2.
Clasp for envelopes and the like. W. P. Cameron.
Clasp for split cylinders, Spring. S. V. Haas, Jr., and K. G. Strunk. 2,385,202; Sept. 18.
2,373,380; Apr. 10.
Clasp, Necktie and collar. J. H. Longenecker. 2,379,533; July 3.
Clasp, Pen and pencil. H. Singer. 2,384,703; Sept. 11.
Clasping device for bags, portfolios, envelopes, and the like. J. L. Israel. 2,385,576; Sept. 25.
Classifier, Liquid-operated. J. D. B. Phippa. 2,373,051; Apr. 3.
Classifying system for pulverized materials. H. Hardinge. 2,381,954; Aug. 14.
Clay to molds, Method and apparatus for feeding. W. J. Miller. 2,374,553; Apr. 24.
Clay working machine. J. Turner. 2,366,297; Jan. 2.
Clays, Treatment of. A. D. Garrison. 2,375,641; May 8.
Cleaner: *See*—

Air cleaner.	Railroad track cleaner.
Automatic electrical air cleaner.	Smut remover and grain cleaner.
Beet cleaner.	Solvent emulsion cleaner.
Boiler cleaner.	Spark plug cleaner.
Cotton cleaner.	Spray cleaner.
Glass cleaner.	Suction cleaner.
Loom grate cleaner.	Tube cleaner.
Noiseless vacuum cleaner.	Vacuum cleaner.
Oil washed air cleaner.	Windshield cleaner.
Paper machine cleaner.	

Cleaner. F. Sebok. 2,378,506; June 19.
Cleaner and baffle element therefor, Air. G. E. Lundberg and A. R. Crawford. 2,387,080; Oct. 16.
Cleaner and purifier, Air. B. Sonntag. 2,369,375; Feb. 13.
Cleaner for type-casting machines, Knife. H. W. Michalke. 2,391,259; Dec. 18.
Cleaning and coating glass, plastics, and other surfaces. W. H. Colbert and A. R. Weinrich. 2,383,469; Aug. 28.
Cleaning and sizing machine, Berry. E. Rivers. 2,371,067; Mar. 6.
Cleaning and surface-coating glass and the like, Method of and apparatus for. W. L. Morgan. 2,383,470; Aug. 28.
Cleaning apparatus. E. J. McGuinness. 2,382,892; Aug. 14.
Cleaning apparatus. H. M. Weaver. 2,367,842; Jan. 23.
Cleaning apparatus for oil coolers. C. C. Melton. 2,380,604; July 31.
Cleaning apparatus, Suction. C. H. Taylor. 2,372,404; Mar. 27.
Cleaning apparatus, Suction. C. H. Taylor. 2,375,331; May 8.
Cleaning composition. J. D. Morgan and R. E. Lowe. 2,379,851; July 3.
Cleaning composition. G. W. Gregg. 2,386,789; Oct. 16.
Cleaning composition, Dry. L. H. Flett. 2,388,962; Nov. 13.
Cleaning composition, Hand. J. D. Morgan and R. E. Lowe. 2,383,610; Aug. 28.
Cleaning composition, Skin. S. O. Fiedler. 2,380,830; July 31.
Cleaning device. M. B. Herbrick. 2,367,774; Jan. 23.
Cleaning device. A. G. Smith. 2,388,016; Oct. 30.
Cleaning device, Chamber. A. C. Butts. 2,386,193; Oct. 9.
Cleaning device, Window. N. E. Miller. 2,387,926; Oct. 30.
Cleaning ferrous metal articles. J. H. Young. 2,380,284; July 10.
Cleaning heat exchanger surfaces. J. Simpson. 2,380,340; July 10.
Cleaning machine. M. J. A. Zinty. 2,375,723; May 8.
Cleaning machine, Dry. L. E. Berry. 2,387,823; Oct. 30.
Cleaning machine, Fur. N. Root. 2,388,619; Nov. 6.
Cleaning machine, Drawing roll. H. G. Steinmetz. 2,385,039; Sept. 18.
Cleaning machine, Wool. E. L. and R. R. Fanton. 2,373,238; Apr. 10.
Cleaning process and composition, Metal. H. N. Gilbert. 2,377,876; June 12.
Cleaning the mouth contact area of drinking glasses, Method and apparatus for. M. P. Reilly. 2,388,041; Jan. 23.
Cleaning tool. W. F. Hoerle. 2,379,962; July 10.
Cleansing composition. F. E. Pierce. 2,380,259; July 10.
Cleansing compositions. W. Baird, A. Hill, J. E. G. Harris, S. H. Oakeshott, and W. J. Wilson. 2,377,066; May 29.
Cleansing compositions. M. Katzman. 2,374,213; Apr. 24.
Cleansing mass and producing the same. D. C. Luse. 2,372,838; Apr. 3.
Clearer as used in combing machine or other machine for the treatment of textile fibers. D. Pierrepont. 2,389,684; Nov. 27.
Clearer for roving or spinning frames. W. J. Dunleavy. 2,382,214; Aug. 14.
Clearing mechanism for the work-support of fastening-inserting machines. J. F. Standish. 2,387,305; Oct. 23.
Clearing or excavating ditches, Means or machinery for. D. R. Bomford. 2,378,280; June 12.
Cleat attachment. F. A. McDunnah. 2,374,444; Apr. 24.
Cleat, Shoe. N. B. Parsons. 2,367,736; Jan. 23.
Cleat turner and grading table. J. D. McIntyre. 2,387,674; Oct. 23.
Clevis, Spring. C. W. Holtman. 2,371,171; Mar. 13.
Climbing device, Safety. J. C. Cox. 2,381,114; Aug. 7.
Clinker cooling. R. C. Newhouse. 2,375,487; May 8.
Clip: *See*—

Arch bar clip.	Insulation clip.
Box wrench clip.	Interlocking clip.
Collar clip.	Light gauge securing clip.
Conduit clip.	Luggage handle clip.
Conduit supporting clip.	Safety clip.
Earring clip.	Supporting clip.
Film clip.	Tie clip.
Film holding clip.	Umbilical clip.
Floor clip.	Wire supporting clip.
Fluid cleaner.	Wrap-around wire supporting clip.
Fuse terminal clip.	
Hair curler clip.	

Clip. O. C. Eckel. 2,389,964–5; Nov. 27.
Clip. C. Weilstein. 2,373,070; Apr. 3.
Clip and securing means, Conduit. H. R. Ellinwood. 2,379,893; July 10.
Clip for carton closure flaps, Hold-down. W. H. Lepp. 2,375,374; May 8.
Clip for ear ornaments, Attaching. C. A. Buick. 2,383,237; Aug. 21.
Clip for hose and like. R. C. S. Jamie. 2,384,094; Sept. 4.
Clip for venetian blind slats. M. J. Byer. 2,367,095; Jan. 9.
Clip or fastener. A. E. Cox. 2,385,565; Sept. 25.
Clipper attachment, Dry shaver. B. F. Flegel. 2,391,695; Dec. 25.
Clipper for sheet material. T. R. Robinson and J. R. Robinson. 2,369,253; Feb. 13.
Clipper, Hair. H. Aaron. 2,381,867; Aug. 14.
Clock. L. Prins. Re. 22,640; May 1.
Clock, Electric. O. H. Dicke and R. H. Dicke. 2,377,618; June 5.
Clock, Electric. J. Fink. 2,371,387; Mar. 13.
Clock, Electric. A. B. Sperry, N. Nasar, and W. C. Erwin. 2,377,276; May 29.
Clock, Fluid. P. McAuliffe. 2,375,568; May 8.
Clock hand remover. E. A. Slagle. 2,391,521; Dec. 25.
Clock system, Master. P. Vannini and P. Hungerbühler. 2,369,812; Feb. 20.
Closet, Collapsible. H. Derman. 2,371,680; Mar. 20.
Closet, Knockdown collapsible. C. Rosenthal. 2,383,512; Aug. 28.
Closet pole, Clothes. B. Cones. 2,382,003; Aug. 14.

Closet, Water. G. E. Hoffman. 2,379,400; June 26.
Closing die. W. M. Koppel. 2,379,088; June 26.
Closing for garments. J. Lane. 2,381,601; Aug. 7.
Closing machine. N. Geertsen. 2,386,787; Oct. 16.
Closing machine. S. S. Jacobs. 2,370,169; Feb. 27.
Closing means for rapid firing guns. B. S. Albertson, Jr. 2,376,321; May 22.
Closure. P. G. Coleman. 2,381,207; Aug. 7.
Closure. S. J. Genel. 2,372,482; Mar. 27.
Closure. R. B. Le Roy. 2,376,790; May 22.
Closure. C. Mackintosh. 2,367,881; Jan. 23.
Closure. R. C. Pratt. 2,383,015; Aug. 21.
Closure. H. W. Sanford. 2,372,227; Mar. 27.
Closure. J. W. Thomas. 2,367,317; Jan. 16.
Closure and air hose dummy, Combined. S. L. Joiner. 2,387,448; Oct. 23.
Closure attachment means. C. F. Sievers. 2,367,896; Jan. 23.
Closure, Bag. P. S. Cogbill. 2,373,744; Apr. 17.
Closure band, Press button. J. Persin. 2,382,907; Aug. 14.
Closure, Bottle. N. P. Steckler. 2,385,114; Sept. 18.
Closure cap. F. W. Livermont. 2,371,900; Mar. 20.
Closure construction for metallic containers. W. I. Hanrahan. 2,369,895; Feb. 20.
Closure, Container. A. Burgeni. 2,389,761; Nov. 27.
Closure, Container. A. Gudhelm. 2,388,738; Nov. 13.
Closure cleaning device. C. C. Green. 2,367,393; Jan. 16.
Closure device for rendering bottles nonrefillable. M. Diaz y Diaz. 2,382,864; Aug. 14.
Closure fastener device. J. E. Lundholm. 2,369,584; Feb. 13.
Closure, Foldable. W. A. Shearer. 2,373,146; Apr. 10.
Closure for aircraft, Sliding. I. M. Laddon and E. Berger. 2,378,856; June 19.
Closure for bottles and like containers, Nonrefillable. M. D. Diaz. 2,380,825; July 31.
Closure for cans. L. O. Grice. 2,375,221; May 8.
Closure for coin-receiving receptacles. W. Von Stoeser. 2,371,114; Mar. 6.
Closure for containers. A. Limbach. 2,390,880; Dec. 11.
Closure for handbags. G. Green. 2,378,767; June 19.
Closure for lubricators. B. E. Folke. 2,374,478; Apr. 24.
Closure for paper bags, Handle defining. H. G. Allen. 2,385,597; Sept. 25.
Closure for pressure vessels. E. H. Smith. 2,387,360; Oct. 23.
Closure for spirituous beverage bottles, Secondary. L. P. Weiner. 2,371,372; Mar. 13.
Closure for steam sterilizers. M. Bramson. 2,379,473; July 3.
Closure for vessels. T. B. Casey. 2,387,978; Oct. 30.
Closure head welded for pressure vessels. A. W. Harris. 2,366,617; Jan. 2.
Closure, Joint. P. M. Gilfillan. 2,380,427; July 31.
Closure means for container filling openings. G. R. Godber. 2,385,624; Sept. 25.
Closure means for cylinders. G. V. Woodling. 2,376,566; May 22.
Closure means for electric wiring units, End. J. F. O'Brien. 2,384,487; Sept. 11.
Closure means for fiber containers. J. Coyle. 2,391,296; Dec. 18.
Closure member. J. E. Sharp. 2,383,747; Aug. 28.
Closure members, Making. T. W. Warner, Jr. 2,388,375; Nov. 6.
Closure operating mechanism. W. D. Ferris. 2,390,086; Dec. 4.
Closure or shutter, Headlamp. C. H. Kuschel and H. C. Brill. 2,388,787–8; Nov. 13.
Closure plug wrench. F. J. Tomsek. 2,383,573; Aug. 28.
Closure retainer, Bottle. W. W. Mays. 2,390,724; Dec. 11.
Closure, Sealing. C. P. Krupp. 2,385,816; Oct. 2.
Closure, Screw. J. C. Ford. 2,376,909; May 20.
Closure setting mechanism for containers. I. F. Mandell. 2,372,385; Mar. 27.
Closure, Shot shell. C. M. Langkammerer. 2,387,665; Oct. 23.
Closure system for vacuum driers. A. H. Heineman. 2,373,891; Apr. 17.
Closure, Tamperproof. D. H. Tilson. 2,387,955–6; Oct. 30.
Closure, Transparent. D. W. Dunipace. 2,375,352; May 8.
Closure, Transparent. M. Knight, R. W. Wampler, and W. J. Arner. 2,375,369; May 8.
Closure, Transparent. M. Knight and C. D. Lowry. 2,388,786; Nov. 13.
Closures, Method and apparatus for making. H. E. Stover and J. G. Kosar. 2,369,763; Feb. 20.
Closures to containers, Application of. J. F. Price and I. L. Wilcox. 2,373,708; Apr. 17.
Cloth pinning device. I. Kruger. 2,384,554; Sept. 11.
Cloth, Pressing. A. T. Smith. 2,389,216; Nov. 20.
Cloth take-up. J. Sirmay. 2,366,462; Jan. 2.
Clothesbrush, Suction. A. L. Schmidt. 2,374,461; Apr. 24.
Clothes-drying machine. J. R. Moore. 2,385,222–3; Sept. 18.
Clothes drying rack. K. E. Luger. 2,379,975; July 10.
Clothes hanger. S. F. Better. 2,380,143; July 10.
Clothes hanger. A. E. Watkins and W. H. Easterford. 2,391,661; Dec. 25.
Clothesline reel. J. Bondel. 2,370,520; Feb. 27.
Clothesline reel. W. L. Gray. 2,385,570; Sept. 25.
Clothesline shield issuing pulley. J. Budner. 2,372,057; Mar. 20.
Clothespin. C. A. Stapleton. 2,366,816; Jan. 9.
Clothes post. E. M. Anderson and D. H. Morris. 2,391,536; Dec. 25.
Clothes reel. J. C. Michaud. 2,378,150; June 12.
Clothing, Ventilated. J. Zelano. 2,391,535; Dec. 25.
Clutch: *See*—

Balking ring clutch.	One-way clutch.
Bearing clutch.	One-way rotary clutch.
Centrifugal clutch.	Pneumatic clutch.
Combination fluid and friction clutch.	Power operated clutch.
Constant torque clutch.	Pressure fluid clutch.
Disengageable slip clutch.	Slip clutch.
Face clutch.	Synchronizing clutch.
Fluid clutch.	Two-way clutch.
Friction clutch.	Two-way overrunning clutch.
Impact clutch.	Variable-speed clutch.

Clutch. J. T. Barron. 2,380,571; July 31.
Clutch. R. A. Carlson. 2,391,124; Dec. 18.
Clutch. L. P. Crosman. 2,387,648; Oct. 23.
Clutch. A. Y. Dodge. Re. 22,682; Oct. 16.
Clutch. A. Y. Dodge. 2,383,295; Aug. 21.
Clutch. T. L. Fawick. 2,375,909; May 15.
Clutch. D. Firth and M. L. Fast. 2,367,390; Jan. 16.
Clutch. F. E. Fisher. 2,382,869; Aug. 14.
Clutch. P. E. Frantz. 2,380,590; July 31.
Clutch. S. Gilbert. 2,389,772; Nov. 27.
Clutch. T. G. Hare. 2,379,901; July 10.
Clutch. W. H. Harstick. 2,380,308; July 10.
Clutch. W. B. Hausman. 2,374,542; Apr. 24.
Clutch. E. R. Henschker. 2,368,987; Feb. 6.
Clutch. G. Hunt. 2,385,517; Sept. 25.
Clutch. L. E. La Brie. 2,374,688; May 1.
Clutch. W. E. Moffitt. 2,382,088; Aug. 14.
Clutch. C. D. Ryan. 2,374,839; May 1.
Clutch. C. W. Sadler. 2,372,123; Mar. 20.
Clutch. J. M. Schuckers. 2,370,199; Feb. 27.
Clutch. J. M. Schuckers. 2,371,653; Mar. 20.
Clutch adjustment. V. von K. Sundt. 2,387,418; Oct. 23.
Clutch and bearing, Combined one-way. A. Y. Dodge and C. E. Swenson. 2,366,842; Jan. 9.
Clutch and bearing construction. A. Y. Dodge. 2,383,595; Aug. 28.
Clutch and brake assembly. E. H. Erickson. 2,386,099; Oct. 2.
Clutch and brake assembly. H. M. Stueland. 2,381,318; Aug. 7.
Clutch and control. E. A. Thompson. 2,380,680; July 31.
Clutch assembly, Multiple. P. Orr. 2,382,438; Aug. 14.
Clutch clasp for studded buttons, etc. F. Winters. 2,372,922; Apr. 3.
Clutch construction. H. M. Stephenson. 2,386,071; Oct. 2.
Clutch construction, Overrunning. C. D. Peterson and A. H. Deimel. 2,382,331; Aug. 14.
Clutch control. E. J. Panish. 2,387,343; Oct. 23.
Clutch control. G. R. Pennington. 2,387,346; Oct. 23.
Clutch control mechanism. H. W. Price. 2,391,192; Dec. 18.
Clutch controlled power tranamission mechanism for machine tools. H. R. Bagley. 2,370,282; Feb. 27.
Clutch device. J. L. Herold. 2,371,093; Mar. 20.
Clutch device. A. L. Johnson and S. A. Kraft. 2,380,445; July 31.
Clutch, Electromagnetic multiple-disk. A. Ryba. 2,378,108; June 12.
Clutch, especially for motor cars with control change mechanism. H. Kattwinkel. 2,368,304; Jan. 30.
Clutch linkage. S. C. Varblow. 2,367,076; Jan. 9.
Clutch mechanism. E. S. Cooke. 2,371,804; Mar. 20.
Clutch mechanism. W. H. Edmondson. 2,384,418; Sept. 4.
Clutch mechanism. P. F. Skoog. 2,368,892; Feb. 6.
Clutch mechanism. T. W. Sprake. 2,379,320; June 26.
Clutch mechanism, Power operated. T. J. Zeller. Re. 22,669; Aug. 21.
Clutch mechanism, Tootbed. H. H. Hansen. 2,388,407; Nov. 6.
Clutch operating means. F. G. Silva and W. S. Seymour. 2,385,734; Sept. 25.
Clutch operating mechanism. L. H. Smith. 2,386,512; Oct. 9.
Clutch operating mechanism for phonographs. J. M. Lucarelle. 2,367,413; Jan. 16.
Clutch plate. W. V. Thelander. Re. 22,635; Apr. 17.
Clutch structure. C. Gerst. 2,376,136; May 15.
Clutch throwout mechanism. C. B. Spase. 2,369,417; Feb. 13.
Clutching device, Frictional. H. T. Kraft. 2,382,570; Aug. 14.
Coagula of rubber and similar materials, Washing and drying. F. W. Wanderer. 2,371,722; Mar. 20.
Coagulant for synthetic rubber latices. C. F. Fryling. 2,378,693; June 19.
Coagulant method. G. T. Buchanan. 2,381,865; Aug. 14.
Coagulating dispersions. W. L. Semon. 2,366,460; Jan. 2.
Coal and composition therefor, Treating. L. P. Crecelius. 2,369,024; Feb. 6.

Coal, Coking expanding. C. Otto. 2,382,809; Aug. 14.
Coal, Combustion of. E. S. Hammond. 2,385,508; Sept. 25.
Coal, Composition for dustproofing. J. F. Miller. 2,371,344; Mar. 13.
Coal Mining. K. L. Storrs. 2,390,562; Dec. 11.
Coal paint. A. L. Stillman. 2,370,428; Feb. 27.
Coal particularly poor in ash content, Obtaining. F. L. Kuhlwein. 2,376,703; May 22.
Coat. M. D. Schwartz. 2,391,352; Dec. 18.
Coat, cape and hood, Combination trench. L. O. Grice and I. L. Freedman. 2,370,158; Feb. 27.
Coat front structure. Y. A. Fridlund and S. R. Hedman. 2,368,460; Jan. 30.
Coat garment. J. Federman. 2,379,511; July 3.
Coat hanger. E. S. Schneider. 2,385,588; Sept. 25.
Coat hanger. A. L. Tewell. 2,372,458; Mar. 27.
Coated article. T. K. Cox. 2,387,498; Oct. 23.
Coated compound and making the same, Interstitially. W. E. Stokes and W. E. Barch. 2,372,402; Mar. 27.
Coated object and making the same. F. J. Soday. 2,378,445–6; June 19.
Coated sheet product. H. M. Magid. 2,372,679; Apr. 3.
Coating. L. Gold. 2,373,823; Apr. 17.
Coating. H. J. Thielker. 2,378,598; June 19.
Coating and coating methods. J. L. Krieger. 2,390,217; Dec. 4.
Coating and preparing same. O. Carmichael. 2,375,195; May 8.
Coating and treating material. R. L. Melton. 2,366,926; Jan. 9.
Coating and wrapping machine, Pipeline. A. O. Mickelson. 2,370,254; Feb. 27.
Coating apparatus. Y. A. Bouget. 2,386,090; Oct. 2.
Coating apparatus. M. H. Bouton. 2,372,248; Mar. 27.
Coating apparatus. R. O. Criadale. 2,369,561; Feb. 13.
Coating apparatus. G. E. Guellich. 2,378,476; June 19.
Coating apparatus. A. L. Kronquest. 2,387,273; Oct. 23.
Coating apparatus. R. L. Melton and A. J. Thompson. 2,378,025; June 12.
Coating apparatus T. J. Radcliffe. 2,372,118; Mar. 20.
Coating apparatus. E. H. Rand. 2,376,184; May 15.
Coating apparatus, Spray. F. A. Bailey and G. A. Miller. 2,388,517; Nov. 6.
Coating apparatus, Strand. G. H. Frank. 2,380,422; July 31.
Coating, Applying. F. W. Hyman. 2,380,047; July 10.
Coating articles with an impermeable cloth, felt, or the like. J. F. Strable. 2,377,979; June 12.
Coating composition. I. C. Clare. 2,375,752–3; May 15.
Coating composition. C. B. Hemming. 2,383,548; Aug. 28.
Coating composition. J. G. Little. 2,379,812; July 3.
Coating composition. L. L. Rector and C. L. Cron. 2,387,376; Jan. 16.
Coating composition. W. A. Waldie. 2,387,424; Oct. 23.
Coating composition and making same. W. J. Rice. 2,373,709; Apr. 17.
Coating composition and producing. P. H. Scrutchfield. 2,376,823; May 22.
Coating composition, Corrosion resistant. I. E. Muskat. 2,379,246; June 26.
Coating composition for bituminous surfaces, Adhesive and adherent. M. H. Hecht. 2,388,846; Nov. 13.
Coating composition, Gelatin. D. R. Swan. 2,388,881; Nov. 13.
Coating composition, Hot-melt. M. Salo and H. F. Vivian. 2,387,773–4; Oct. 30.
Coating composition, Liquid. A. L. Ward. 2,373,866. Apr. 17.
Coating composition, Preparing a. W. L. Craig. 2,388,526; Nov. 6.
Coating composition, Producing a. C. M. Carson 2,390,422; Dec. 4.
Coating compositions. E. G. Almy. 2,372,643; Apr. 3.
Coating compositions. J. W. Raynolds. 2,384,132; Sept. 4.
Coating compositions. F. Rostler and L. Bornstein. 2,371,652; Mar. 20.
Coating compositions. H. A. Scholz, J. K. Wise, J. W. Gill, and M. T. Schmidt. 2,379,402; June 26.
Coating compositions. J. J. Zolad. 2,389,708; Nov. 27.
Coating compositions and preparing same. L. Balassa. 2,384,270; Sept. 4.
Coating compositions and processes, Bituminous. B. Weetman. 2,383,097; Aug. 21.
Coating compositions and the like. J. E. Fratis. 2,384,671; Sept. 11.
Coating compositions, Benzyl cellulose. R. C. Swain and P. Adams. 2,379,605; July 3.
Coating compositions, Cellulose triacetate. C. Bogin. 2,368,062; Jan. 23.
Coating compositions, coated objects, and making same, Liquid. A. L. Ward. 2,387,626; Oct. 23.
Coating compositions containing benzyl cellulose. R. C. Swain and P. Adams. 2,379,604; July 3.
Coating compositions containing benzylated melamine-formaldehyde resins. R. C. Swain and P. Adams. 2,379,612; July 3.
Coating compositions containing coumarone-indene polymers. R. C. Swain and P. Adams. 2,379,609; July 3.
Coating compositions containing cycloparaffin type polymers. R. C. Swain and P. Adams. 2,379,607; July 3.
Coating compositions containing cycloparaffin type polymers and octylated melamine-formaldehyde resins. R. C. Swain. 2,379,608; July 3.
Coating compositions containing hydrocarbon polymers. R. C. Swain and P. Adams. 2,379,610; July 3.
Coating compositions containing methyl methacrylate. R. C. Swain and P. Adams. 2,378,365; June 12.
Coating compositions, Cycloparaffin polymer. R. C. Swain and P. Adams. 2,379,606; July 3.
Coating compositions, Emulsion. A. R. Trist. 2,389,011; Nov. 13.
Coating compositions, Hydrocarbon polymer-containing. R. C. Swain and P. Adams. 2,379,611; July 3.
Coating compositions, Nonfogging. R. C. Wood and H. R. Young. 2,371,094; Mar. 6.
Coating compositions, Pigmented. H. E. Woodward. 2,370,341; Feb. 27.
Coating compositions, Producing rapid drying. F. E. Drummond. 2,381,653; Aug. 7.
Coating device. R. C. Adams. 2,378,900; June 26.
Coating, Enteric. R. A. Kuever and P. V. Maney. 2,373,763; Apr. 17.
Coating, Fire-retarding. A. Van Kleeck. 2,387,865; Oct. 30.
Coating for and method of scale formation control on slabs and the like. A. N. Swanson. 2,378,338; June 12.
Coating for paper. B. K. Green. 2,374,862; May 1.
Coating from nonconjugated oils, Wrinkle. E. L. Luaces. 2,389,794–5; Nov. 27.
Coating, Lead. E. J. Kalil. 2,390,440; Dec. 4.
Coating machine. H. L. Davis. 2,379,951; July 10.
Coating machine. J. Ettl. 2,367,856; Jan. 23.
Coating machine. R. C. Lang. 2,381,502; Aug. 7.
Coating machine. C. M. McVey. 2,375,805; May 15.
Coating machine. J. H. Murch. 2,390,118; Dec. 4.
Coating machine. J. H. Murch, R. E. J. Nordquist, and E. Nordstrom. 2,366,210; Jan. 2.
Coating machine. E. Nordstrom and V. T. Grover. 2,375,812; May 15.
Coating machine, Stencil. C. F. Schaefer. 2,382,920; Aug. 14.
Coating material. S. M. Kolar and A. G. Sternberg. 2,374,603; Apr. 24.
Coating material. L. H. Metzger. 2,376,163; May 15.
Coating material, Luminescent. S. Isenberg. 2,389,781; Nov. 27.
Coating material recovery medium and process. S. G. Saunders and H. Morrison. Re. 22,615; Mar. 6.
Coating material, Refractory. H. H. York and W. M. Dummett. 2,390,765; Dec. 11.
Coating materials, Prolamine. S. Quisling. 2,383,990; Sept. 4.
Coating metal articles. R. A. Schaefer. 2,391,039; Dec. 18.
Coating method and apparatus. W. F. Grupe. 2,383,964; Sept. 4.
Coating method and apparatus. F. R. Seavey. 2,386,818; Oct. 16.
Coating mixture, Electrophoretic. R. H. George and W. M. Hesselberth. 2,376,047; May 15.
Coating of metals, Phosphate. W. J. Clifford and H. H. Adams. 2,375,468; May 8.
Coating, particularly for manufacture of abrasives. R. P. Carlton and T. J. Miller. 2,371,605; Mar. 20.
Coating, Producing a simulated metallic. E. C. Wahlberg. 2,390,758; Dec. 11.
Coating, Protective. E. D. Bayley, Jr. 2,366,477; Jan. 2.
Coating, Protective transparent. G. W. Jernstedt. 2,390,791; Dec. 11.
Coating strips, Method of and apparatus for. W. P. Osgood. 2,388,494; Nov. 6.
Coating surfaces with quartz. J. C. Ogle, Jr., and A. R. Weinrich. 2,386,876; Oct. 16.
Coating with quartz vapor. W. L. Morgan. 2,386,875; Oct. 16.
Coating with tin or other metals. C. G. Fink. 2,374,926; May 1.
Coatings, Antihalation. E. K. Carver. 2,391,127; Dec. 18.
Coatings, Protective. H. K. Patch. 2,382,742; Aug. 14.
Coatings, Surface plate. A. W. Buck and J. W. Miller. 2,387,056; Oct. 16.
Coaxial impedance element. A. R. D'heedene. 2,379,952; July 10.
Cobalt ores, Refining of. R. B. Schaal. 2,379,659; July 3.
Cobalt precipitates containing iron and other impurities, Purification of. L. S. Benson. 2,367,239; Jan. 16.
Cobaltic hydroxide, Precipitation of. A. E. Wallis and De W. H. West. 2,377,832; June 5.
Cock, Ball. H. B. Lewis and G. M. Larson. 2,367,951; Jan. 23.
Cock, Blow off. D. A. Kelly. 2,387,912; Oct. 30.
Cock, Plug. G. E. Franck. 2,383,054; Aug. 21.
Cock, Plural-way. G. W. Wolcott. 2,377,473; June 5.
Cocking device for automatic firearms, Mechanical. F. Brunner and C. Haury. 2,384,887; Sept. 18.
Cockpit enclosure and release mechanism. T. Ulmer and C. E. Sowle. 2,367,075; Jan. 9.
Cockroach capturing device. F. J. Sullivan. 2,372,747; Apr. 3.
Cocoa extract, Preparing a. H. K. Durrenmatt and J. de Schoulepnikow. 2,380,158; July 10.
Code calling signal. C. S. Rhoads. 2,389,082; Nov. 13.

Code-controlled apparatus. A. C. Winter. 2,384,513–14; Sept. 11.
Code detecting means. C. Volz. 2,391,369; Dec. 18.
Code translator. H. P. Luhn. 2,369,474; Feb. 13.
Coffee and tea maker. F. E Wolcott 2,381,151; Aug. 7.
Coffee brewer or maker, Automatic. R. C. Baumann. 2,387,871; Oct. 30.
Coffee maker. G. B. Davis, Jr. 2,385,694; Sept. 25.
Coffee maker. P. J. McCullough. 2,388,335; Nov. 6.
Coffee maker. B. H. Moore. 2,383,144; Aug. 21.
Coffee maker. F. P. Strother. 2,386,278; Oct. 9.
Coffee maker. E. Walder and J. W. Myers. 2,370,096; Feb. 20.
Coffee maker. F. E. Wolcott. 2,386,532; Oct. 9.
Coffee maker and filter therefor. F. E. Wolcott. 2,382,594; Aug. 14.
Coffee-making apparatus. M. Cavicchioli. 2,366,384; Jan. 2.
Coffee, Manufacture of dehydrated. W. R. Fetzer. 2,379,427; July 3.
Coffee or the like, Roasting. W. R. Goldfine. 2,381,493; Aug. 7.
Coffee product. M. Weisberg. 2,380,092; July 10.
Coffee substitute, Preparing a. P. O. Scow. 2,371,320; Mar. 13.
Coil. T. Tognola. 2,380,203; July 10.
Coil and resistor shield, Combination. A. Hallett. 2,367,396; Jan. 16.
Coil assembly. J. F. Furry. 2,386,889; Oct. 16.
Coil, Electrical. M. L. Hill. 2,377,420; June 5.
Coil expander. H. D. Paxson. 2,366,352; Jan. 2.
Coil handling apparatus. E. L. Lyle. 2,389,443; Nov. 20.
Coil, High frequency. S. Goldberg. 2,391,563; Dec. 25.
Coil, Ignition. E. E. Robinson and E. W. J. Barrington. 2,378,791; June 19.
Coil, Inductive. H. G. Frostick and E. M. Sollie. 2,381,274; Aug. 7.
Coil spring appliance. T. G. Stoudt. 2,370,111; Feb. 20.
Coil support and armature guide. D. Ellis and O. L. Taylor. 2,387,892; Oct. 30.
Coil supporting apparatus. W. Morgan. 2,372,730; Apr. 3.
Coil supporting reel. F. M. Littell. 2,391,321; Dec. 18.
Coil winding. H. E. Johnson. 2,374,018; Apr. 17.
Coil winding apparatus. W. P. Hunsdorf. 2,381,750; Aug. 7.
Coil winding machine and making wire coils. A. G. Swartz and F. K. Moore. 2,379,666; July 3.
Coiling machine and coiling rods. A. J. Anderson. 2,374,520; Apr. 24.
Coiling machine for fine wire. F. B. Iden. 2,372,082; Mar. 20.
Coils, Making. H. G. Cahill. 2,388,598; Nov. 6.
Coin-actuated device. J. Petersen. 2,371,260; Mar. 13.
Coin control apparatus. C. F. Pease. 2,370,684; Mar. 6.
Coin controlled locking device for typewriters. M. C. Ford. 2,374,927; May 1.
Coin-controlled mechanism. H. L. Neer, C. H. Wasson, and R. L. Neer. 2,370,370; Feb. 27.
Coin controlled mechanism. H. L. Neer, C. H. Wasson, and R. L. Neer. 2,386,974; Oct. 16.
Coin control mechanism for vending machines, Multiple. B. A. Andalikiewicz, D. T. Carlson and J. E. Hagstrom. 2,383,438; Aug. 28.
Coin-controlled liquid dispensing apparatus. J. M. Alexander. 2,384,585; Sept. 11.
Coin display holder. C. R. Honza. 2,389,312; Nov. 20.
Coin device. O. A. Hokanson. 2,376,357; May 22.
Coin device, Multiple. O. A. Hokanson. 2,386,741; Oct. 9.
Coin dispensing device. B. E. Mills. 2,376,880; May 29.
Coinholder. M. Cooper. 2,390,057; Dec. 4.
Coin holder. A. H. Emery. 2,379,695; July 3.
Coin operated device. L. J. Andres. 2,366,469; Jan. 2.
Coin-operated voice recording machine. E. M. Squire. 2,379,548; July 3.
Coin receptacle. C. R. Sutherland. 2,370,204; Feb. 27.
Coin return system, Automatic. R. C. Avery. 2,375,066; May 1.
Coin separator. B. W. Fry. 2,374,007; Apr. 17.
Coke deposits from high-temperature oil lines, Removing. J. J. Guichet. 2,366,521; Jan. 2.
Coke ovens, Removal of deposits from the interior surfaces of. A. L. Bruton. 2,391,443; Dec. 25.
Coke, Removing. V. Voorhees and G. W. Watts. 2,390,197; Dec. 4.
Coke-tree breaker. A. K. Knudsen and A. V. Sampsel. 2,370,175; Feb. 27.
Cold cathode fluorescent lamps or the like, Method of and apparatus for making. C. Herzog. 2,391,573; Dec. 25.
Collapsible box. R. S. McConnell. 2,375,123; May 1.
Collapsible chair. C. H. Korte. 2,388,552; Nov. 6.
Collapsible clothes drier. P. Berman. 2,384,878; Sept. 18.
Collapsible container. W. E. Amberg. 2,374,796; May 1.
Collapsible container. Z. P. Cordwell. 2,366,770; Jan. 9.
Collapsible drilling tool. C. L. Walker. 2,375,335; May 8.
Collapsible form. F. J. Manson. 2,367,831; Jan. 23.
Collapsible mold. H. Pfleumer. 2,374,233; Apr. 24.
Collapsible receptacle. C. A. Van Wagner and C. M. Andrews. 2,379,202; June 26.
Collapsible tube. B. Bogoslowsky. 2,387,738; Oct. 30.
Collapsible tube. R. K. Ostrander. 2,386,498; Oct. 9.
Collapsible tube and supporting bracket therefor. R. R. Vale. 2,368,952; Feb. 6.
Collapsible tubes, Fabricating. H. F. Waters. 2,377,532; June 5.
Collapsible vehicle. T. R. Black. 2,380,016; July 10.
Collapsible wardrobe cabinet. I. Blechman. 2,391,614; Dec. 25.
Collar and cuff starching machinery. G. L. Campf. 2,370,617; Mar. 6.
Collarband construction for shirts. D. Norwood. 2,385,638; Sept. 25.
Collar, Bottle. C. D. Painter. 2,367,371; Jan. 16.
Collar can collar mounting. J. Coyle and W. F. Punte. 2,391,772; Dec. 25.
Collar, Cervical. F. Schreiber. 2,389,690; Nov. 27.
Collar clip. D. Bakerman. 2,384,788; Sept. 18.
Collar stiffener. G. M. M. Vaccarella. 2,372,752; Apr. 3.
Collar support. L. E. Shaw. 2,373,855; Apr. 17.
Collating machine and assembling sheets. J. C. Mendes. 2,371,179; Mar. 13.
Collating machine, Paper. C. L. Leifer. 2,389,066; Nov. 13.
Collator. A. Dager. 2,373,746; Apr. 17.
Collector, Cinder. R. L. Lincoln. 2,371,583; Mar. 13.
Collector for electric vehicles, Current. F. Szalay. 2,382,751; Aug. 14.
Collector head and trolley pole harp, Current. E. A. Larsson. 2,385,582; Sept. 25.
Collector, Refuse. C. W. Mott. 2,371,540; Mar. 13.
Collet. S. B. Martin. 2,383,508; Aug. 28.
Collet. A. M. Stoner. 2,374,245; Apr. 24.
Collet chuck. W. C. Henry and A. B. Maxam. 2,387,511; Oct. 23.
Collet, Hairspring. W. O. Bennett, Jr. 2,391,816; Dec. 25.
Collet holder. W. C. Lea. 2,389,372; Nov. 20.
Collet jaw protector. J. L. Hite. 2,380,648; July 31.
Collet or collet pad. E. C. Godfrey. 2,374,192; Apr. 24.
Collet, Pot chuck. L. M. Odom and J. H. Lambert. 2,389,633; Nov. 27.
Collet type pulling head. A. S. Mullgardt. 2,384,690; Sept. 11.
Collet with removable pads. J. Ingalls. 2,382,060; Aug. 14.
Collinear reflector. A. F. Eckel. 2,374,003; Apr. 17.
Colloidal dispersions, Concentrating. P. Stamberger. 2,375,957; May 15.
Colloidal dispersions of materials. A. R. Trist. 2,389,012; Nov. 13.
Color compositions containing dicyandiamide, Ice. P. P. McClellan and W. P. Ericks. 2,375,012; May 1.
Color compositions, Stabilized ice. P. P. McClellan and W. P. Ericks. 2,369,308–9; Feb. 13.
Color control. L. R. Paul. 2,374,640; Apr. 24.
Color couplers for color development. P. Bruylants and P. L. J. R. Merckx. 2,375,344; May 8.
Color-forming compounds having six-membered rings. I. F. Salminen, P. W. Vittum, and A. Weissberger. 2,376,192; May 15.
Color grading apparatus. W. O. Benning. 2,375,889; May 15.
Color grading apparatus and method. R. H. Osborn. 2,382,439; Aug. 14.
Color paste composition. T. F. Murphy. 2,377,172; May 29.
Color photographic images, Production of. A. Frohlich and W. Schneider. 2,373,821; Apr. 17.
Color photography. G. L. Dorough and D. M. McQueen. 2,380,032; July 10.
Color photography. P. W. Vittum. 2,384,658; Sept. 11.
Color photography. L. S. Wilder. 2,376,217; May 15.
Color pictures, Direct method of producing. M. W. Seymour and R. V. Young. 2,382,671; Aug. 14.
Color printing. W. T. Hanson, Jr., and R. M. Evans. 2,389,457; Feb. 13.
Color printing system. W. T. Hanson, Jr. 2,388,842; Nov. 13.
Color reproduction. J. A. C. Yule. 2,382,690; Aug. 14.
Color reproduction, Spectral shift. W. A. Shurcliff. 2,369,317; Feb. 13.
Color television system. G. L. Beers. 2,378,746; June 19.
Color to coated paperboard, Imparting. H. C. Fisher. 2,370,344; Feb. 27.
Colored material. E. Stanley, C. S. Argyle, and H. C. Olpin. 2,383,995; Sept. 4.
Colorimetric method for testing for available chlorine. H. Scharer. 2,385,471; Sept. 25.
Coloring compositions, containing diazonium salts, Stabilization of. F. H. Adams and W. B. Hardy. 2,378,276; June 12.
Coloring compositions containing diazonium salts, Stabilization of. F. H. Adams, H. Z. Lecher, and W. B. Hardy. 2,386,646; Oct. 9.
Coloring compositions containing diazonium salts, Stabilization of. H. Z. Lecher, W. B. Hardy, and F. H. Adams. 2,378,305; June 12.
Coloring matters, Manufacture of new. E. P. Goodings and M. A. T. Rogers. 2,385,855; Oct. 2.
Coloring matters, New. M. A. T. Rogers. 2,382,914; Aug. 14.
Colostomy apparatus. G. Moorhead. 2,385,876; Oct. 2.

Column for tanks and the like, Supporting. L. Albrecht. 2,387,969; Oct. 30.
Column head for batch fractionating columns. N. Evans and P. Docksey. 2,383,377; Aug. 21.
Comb. A. Caldora. 2,384,013; Sept. 4.
Comb. A. A. Dapolito. 2,383,713; Aug. 28.
Comb. G. Demyanovich. 2,380,730; July 31.
Comb. W. Huppert. Re. 22,617; Mar. 13.
Comb. F. Kuszyk. 2,376,065; May 15.
Comb and brush, Combination. D. Hernon. 2,383,967; Sept. 4.
Comb and cleaner, Combination. J. W. Brockman, Sr. 2,389,712; Feb. 20.
Comb attachment for hair clippers. A. Giorgi. 2,381,046; Aug. 7.
Comb, Barber. W. F. Black. 2,384,152; Sept. 4.
Comb, Fountain-type. C. A. McClure. 2,387,924; Oct. 30.
Comb, Lady's tuck. H. V. Hahn, and D. E. Phillips. 2,372,080; Mar. 20.
Comb lock assembly. C. O. Bruestle. 2,370,774; Mar. 6.
Comb, Pinch type. F. A. Stuhlman and L. B. Berg. 2,369,990; Feb. 20.
Combat vehicle. J. D. Langdon. 2,375,240; May 8.
Combat vehicle. M. C. Schwab. 2,388,873; Nov. 13.
Combination aerial and turn indicator. A. F. Pfingsten. 2,366,871; Jan. 9.
Combination booster pump. R. R. Curtis. 2,390,204; Dec. 4.
Combination coke oven door-handling, pushing, and leveling machine. L. Wilputte. 2,391,214; Dec. 18.
Combination combat and construction vehicle. M. C. Schwab. 2,384,646; Sept. 11.
Combination display and drain stand. I. J. Richards. 2,369,982; Feb. 20.
Combination fluid and friction clutch. W. W. Schulz. 2,383,824; Aug. 28.
Combination garment and carrying bag. D. M. Jackson. 2,380,909; July 31.
Combination hanger support. J. J. Derbo. 2,369,217; Feb. 13.
Combination lock. O. Hage. 2,380,645; July 31.
Combination rubber die. L. E. Walton. 2,375,599; May 8.
Combination science table. B. T. Collins. 2,377,539; June 5.
Combination steaming and pressing iron. L. V. Lucia. 2,369,677; Feb. 20.
Combination steaming and pressing iron. F. E. Wolcott and L. V. Lucia. 2,371,569; Mar. 13.
Combination tool. H. Folkers. 2,371,043; Mar. 6.
Combination tool. C. H. Pearce. 2,371,977; Mar. 20.
Combination tool. T. S. and P. S. Vosbikian. 2,377,730; June 5.
Combine. J. F. Curran. 2,374,334; Apr. 24.
Combine. H. W. Pilcher. 2,380,547; July 31.
Combine steering mechanism. M. Ronning and K. M. Keith. 2,390,273; Dec. 4.
Combined check valve and vacuum breaker. J. D. Langdon. 2,390,108; Dec. 4.
Combined coat and skirt hanger. E. Hall. 2,381,159; Aug. 7.
Combined flame arrester and vent valve. J. J. Duggan. 2,388,395; Nov. 6
Combined stop and float valve. J. D. Langdon. 2,371,830; Mar. 20.
Combustible mixture for internal-combustion engines, Regulation of the. P. L'Orange. 2,387,277; Oct. 23.
Combustible preparing device. G. B. Crisp. 2,369,216; Feb. 13.
Combustion apparatus. L. F. Conway. 2,375,625; May 8.
Combustion apparatus. G. M. Dreher. 2,382,301; Aug. 14.
Combustion apparatus. J. W. Miller and W. G. Smith 2,374,693; May 1.
Combustion apparatus. D. J. Mosshart. 2,386,336; Oct. 9.
Combustion apparatus. D. J. Mosshart. 2,387,600; Oct. 23.
Combustion apparatus. L. S. Reagan and J. C. Wallis. 2,386,882; Oct. 16.
Combustion chamber. R. H. Sheppard. 2,380,615; July 31.
Combustion control. J. J. Klinker. 2,376,701; May 22.
Combustion control. W. R. Miller. 2,377,356; June 5.
Combustion control device. W. J. Willenborg. 2,369,698; Feb. 20.
Combustion engine. A. Schröder. 2,381,465; Aug. 7.
Combustion heater. G. A. Page, Jr., J. Jerger, R. Rugge, and P. R. Watson. 2,388,364; Nov. 6.
Combustion regulation. J. J. Klinker. 2,379,008; June 26.
Comestibles in freezing, Framed. H. A. Noyes. 2,374,452; Apr. 24.
Comminuting apparatus. J. F. Pagendarm. 2,368,870; Feb. 6.
Comminuting method and apparatus. A. C. Durdin, III. 2,378,757; June 19.
Comminutor, Sewage. W. H. Green. 2,389,306; Nov. 20.
Commode, Collapsible. L. Cotton. 2,376,036; May 15.
Communicating apparatus. L. R. Faust. 2,366,552; Jan. 2.
Communication and posting system. J. C. Marshall and H. F. May. 2,391,469; Dec. 25.
Communication and posting system. H. F. May and J. C. Marshall. 2,386,743; Oct. 9.
Communication apparatus. O. A. Shann. 2,381,986; Aug. 14.
Communication method and system. C. W. Hansell. 2,388,053; Oct. 30.
Communication system. W. M. Bacon and F. S. Kinkead. 2,374,264; Apr. 24.
Communication system. W. M. Bacon, F. S. Kinkead, and J. A. Krecek. 2,381,871; Aug. 14.
Communication system. C. W. Baird. 2,370,388; Feb. 27.
Communication system. R. H. Campbell. 2,377,672; June 5.
Communication system. R. H. Campbell. 2,390,203; Dec. 4.
Communication system. A. B. Clark. 2,385,061; Sept. 18.
Communication system. R. C. Corderman. 2,388,906; Nov. 13.
Communication system. L. Espenschied. 2,379,221; June 26.
Communication system. R. V. L. Hartley. 2,387,018; Oct. 16.
Communication system. W. Hasenberg. 2,387,443; Oct. 23.
Communication system. R. H. Herrick. 2,383,312; Aug. 21.
Communication system. R. H. Herrick. 2,384,913; Sept. 18.
Communication system. T. W. W. Holden. 2,387,906; Oct. 30.
Communication system. F. A. Hubbard. 2,379,715; July 3.
Communication system. J. A. Krecek and C. R. Walker. 2,366,733; Jan. 9.
Communication system. F. Massa. 2,381,174; Aug. 7.
Communication system. R. S. Pitkin, Jr. 2,374,129; Apr. 17.
Communication system. K. J. Way. 2,377,912; June 12.
Communication system by pulses through the earth. C. W. Hansell. 2,389,432; Nov. 20.
Communication system, Multichannel carrier. P. K. Chatterjea and L. W. Houghton. 2,390,641; Dec. 11.
Communication, System of. H. D. Colman. 2,380,894; July 31.
Commutation means for rotary rectifiers. K. L. Hansen. 2,389,507; Nov. 20.
Commutator and brush type switch. R. S. Curry, Jr. 2,368,644; Feb. 6.
Commutator device. F. Koppelmann and W. Leukert. 2,378,561; June 19.
Commutator processing. H. W. Graybrook. 2,379,145; June 26.
Commutator-seasoning apparatus. W. H. Eunson and H. W. Graybrook. 2,383,300; Aug. 21.
Commutator slotting device. A. R. Volzka. 2,372,304; Mar. 27.
Commutator structure and manufacture thereof. G. L. Moeller. 2,388,006; Oct. 30.
Compact. A. F. Reilly. 2,377,717; June 5.
Compact and the like. M. Rappaport. 2,373,852; Apr. 17.
Compact case. E. S. Michals. 2,372,969; Apr. 3.
Compact, Dental. E. E. Smith. 2,379,600; July 3.
Compact. Dental. E. E. and W. O. Smith. 2,391,651; Dec. 25.
Compacting and packaging milk powder and compacted mass of milk powder and the like. H. L. Griffin. 2,379,230; June 26.
Compacting material. D. Ray. 2,380,903; July 31.
Comparator. K. R. Wood and C. W. Ahmer. 2,387,210; Oct. 16.
Comparator device. M. Yawitz and I. F. Suwa. 2,380,567; July 31.
Comparator gauge. C. B. Moore. 2,374,154; Apr. 17.
Comparator gauge. P. B. Sirvent. 2,378,334; June 12.
Comparing device. B. R. Vent. 2,388,352; Nov. 6.
Comparison apparatus, Frequency. A. H. Bartels. 2,389,948; Nov. 27.
Compartment for aircraft, Releasable load. T. P. Hall. 2,370,307; Feb. 27.
Compartment measure. J. B. Miner. 2,389,530; Nov. 20.
Compass and inertia means, Master. F. E. Best. 2,370,000; Feb. 20.
Compass attachment. G. R. Hunt. 2,367,584; Jan. 16.
Compass, Dynamic earth inductor. A. S. Riggs and H. H. Thompson. 2,376,883; May 29.
Compass for aircraft trainers, Directional. C. I. Baker. 2,379,869; July 10.
Compass, Gyro-magnetic. M. F. Bates. 2,380,932; Aug. 7.
Compass, Gyromagnetic. L. F. Beach. 2,391,442; Dec. 25.
Compass, Magnetic. G. M. Giannini. 2,389,664; Nov. 27.
Compass, Magnetic. B. E. Sherrill. 2,375,329; May 8.
Compass, Magnetic. A. A. Stuart, Jr. Re. 22,609; Nov. 27.
Compass, Static earth inductor. A. S. Riggs. 2,370,194; Feb. 27.
Compasses, Quadrantal correctors for magnetic. A. G. McNish. 2,390,844; Dec. 11.
Compeller for looms, Filling stop motion. G. A. Geeraert. 2,368,707; Feb. 6.
Compensating apparatus for contour turning. D. I. Wilson. 2,368,793; Feb. 6.
Compensating arrangement for television tubes. U. Knick. 2,371,897; Mar. 20.
Compensating means, Jacquard. J. Robinson. 2,386,574; Oct. 9.

Compensating poppet valve. W. R. Peck. 2,386,003; Oct. 2.
Compensating system for condition responsive measuring instruments, R. I. N. Weingart. 2,379,328; June 26.
Compensator, Altitude. W. A. Marshall, Jr. 2,381,358; Aug. 7.
Compensator, Dynamic torque. R. Deane. 2,375,404; May 8.
Compensator, Electric. R. J. Jasse. 2,378,555; June 19.
Compensator for aircraft, Drift. B. A. Wittkuhns. 2,372,185; Mar. 27.
Compensator for brakes, Wear. C. A. Sawtelle. 2,386,913; Oct. 16.
Compensator, Hydraulic fluid volume. H. R. Ellinwood. 2,383,180; Aug. 21.
Compensator, Mechanical. W. C. Howard, Jr. 2,372,206; Mar. 27.
Complex compounds containing a side isopropyl group and products therefrom, Treating. T. Hasselstrom. 2,386,606; Oct. 9.
Composing and distributing machine, Typographical. J. C. Plastaras. 2,383,158; Aug. 21.
Composite aluminum-alloy sheets and making same. R. S. Reynolds. 2,383,511; Aug. 28.
Composite article. N. J. Rakas. 2,367,800; Jan. 23.
Composite article and method of bonding rubber to a corrodible material. T. R. Griffith. 2,386,212; Oct. 9.
Composite article including extruded sections. C. E. Slaughter. 2,388,297; Nov. 6.
Composite ceramic and metal structure and making the same. S. H. Stupakoff. 2,373,720; Apr. 17.
Composite fabric and making same. R. C. Amidon. 2,369,651; Feb. 20.
Composite material, Forming. A. K. Doolittle. 2,391,619; Dec. 25.
Composite metal, Corrosion-resisting. P. G. Chace. 2,366,178; Jan. 2.
Composite metal stock, Producing. W. A. Mudge. 2,390,452; Dec. 4.
Composite mine car. R. E. Dendler and R. C. Kepner. 2,367,761; Jan. 23.
Composite-modulation radio service system. R. A. Hilferty. 2,378,298; June 12.
Composite roll. E. Peterson and A. B. Merrill. 2,367,796; Jan. 23.
Composite siding and roofing, Making. F. W. Adams. 2,390,045; Dec. 4.
Composite structure. G. W. Blessing. 2,372,929; Apr. 3.
Composite structure, Prestressed. C. P. Cueni. 2,382,139; Aug. 14.
Composition and an oil cloth made therefrom, Flat coating. C. M. Lent. 2,381,915; Aug. 14.
Composition and article for electric use. E. Wainer. 2,371,660; Mar. 20.
Composition and compounds utilizing the same. J. D. De Vine. 2,375,976; May 15.
Composition and method for marking base materials. G. Rubner. 2,368,161; Jan. 30.
Composition, Antifouling. G. H. Young. 2,390,408; Dec. 4.
Composition comprising an organo-lithium product. W. F. Luckenbach, Jr. 2,388,166; Oct. 30.
Composition comprising solid ethylene polymers. G. H. Latham. 2,369,471; Feb. 13.
Composition containing palmetto pith, Light-weight non-metallic. C. Schuh. 2,382,448; Aug. 14.
Composition for cleaning and pickling ferrous metals. P. S. Pinkney and H. B. Stevenson. 2,383,681; Aug. 28.
Composition for cleaning metal such as aluminum and magnesium. J. F. Hart. 2,381,124; Aug. 7.
Composition for counteracting microorganisms. R. S. Shelton. 2,380,877; July 31.
Composition for lining can ends. J. E. Robinson, F. H. Bopp, and P. W. Millelot, Jr. 2,382,443; Aug. 14.
Composition for nail polish. Drying. R. C. Hickey. 2,366,260; Jan. 2.
Composition for printing flexible materials. R. H. Kienle and A. L. Peiker. 2,383,937; Sept. 4.
Composition for producing a dark colored brew from grasses. W. R. Graham, Jr., and C. W. McCarty. 2,369,042; Feb. 6.
Composition for producing a dark colored brew from legumes. W. R. Graham, Jr., and C. W. McCarty. 2,369,041; Feb. 6.
Composition for storage battery plates and preparing same. A. Stewart and A. R. Pitrot. 2,389,465; Nov. 20.
Composition for surgical and medical preparations. C. W. Patton. 2,385,879; Oct. 2.
Composition for treating fibrous materials. A. Szegvari and A. H. Feikert. 2,373,613; Apr. 10.
Composition for use in welding. G. W. Smith. 2,377,048; May 29.
Composition of matter. G. Allen. 2,372,641; Apr. 3.
Composition of matter. M. De Groote and B. Keiser. 2,386,445–6; Oct. 9.
Composition of matter. R. W. Lawrence. 2,368,765; Feb. 6.
Composition of matter. R. F. McCleary and J. R. Morris. 2,380,658; July 31.
Composition of matter. I. E. Muskat and F. Strain. 2,379,251; June 26.
Composition of matter. I. E. Muskat and F. Strain. 2,384,118; Sept. 4.
Composition of matter. I. E. Muskat and F. Strain. 2,387,932; Oct. 30.
Composition of matter. F. T. Peters. 2,374,126; Apr. 17.
Composition of matter. O. M. Reiff. 2,366,874; Jan. 9.
Composition of matter. O. M. Reiff. 2,376,313; May 15.
Composition of matter. O. M. Reiff. 2,385,301; Sept. 18.
Composition of matter. R. S. Shelton and M. G. Van Campen, Jr. 2,379,381; June 26.
Composition of matter. W. E. Tann. 2,381,388; Aug. 7.
Composition of matter. G. F. Zellhoefer, C. S. Marvel, and M. J. Copley. 2,390,766; Dec. 11.
Composition of matter and making. E. Hirsch. 2,372,577; Mar. 27.
Composition of matter and making same. M. De Groote. 2,375,540; May 8.
Composition of matter and making same. M. De Groote and B. Keiser. 2,372,364–6; Mar. 27.
Composition of matter and making same. M. De Groote, B. Keiser, and A. F. Wirtel. 2,373,228; Apr. 10.
Composition of matter and making same. M. De Groote, B. Keiser, and A. F. Wirtel. 2,375,530; May 8.
Composition of matter and making same. M. De Groote, B. Keiser, and A. F. Wirtel. 2,375,531; May 8.
Composition of matter and methods and steps of making and using the same. M. T. Harvey and W. F. Schaufelberger. 2,366,525; Jan. 2.
Composition of matter and methods and steps of making and using the same. W. F. Schaufelberger and M. T. Harvey. 2,366,526; Jan. 2.
Composition of matter and polymerization products thereof. I. E. Muskat and F. Strain. 2,387,934; Oct. 30.
Composition of matter and preparation thereof. A. E. Chester and F. F. Reisinger. 2,390,511; Dec. 11.
Composition of matter and producing. W. P. Campbell. 2,367,602; Jan. 9.
Composition of matter for flameproofing cellulosic media and making the same. F. W. Hochstetter. 2,368,660; Feb. 6.
Composition of matter, New. M. De Groote and B. Keiser. 2,366,498; Jan. 2.
Composition of matter suitable for use as a lubricant and lubricant comprising the same. J. M. Musselman. 2,385,832; Oct. 2.
Composition sole and making. J. E. L. Ryan. 2,386,269; Oct. 9.
Compositions and processes. R. W. Kingerley, Jr. 2,391,631; Dec. 25.
Compositions, Coating. A. L. Kling. 2,390,887; Dec. 11.
Compositions containing resinous polymers of cyclopentadiene. F. J. Soday. 2,384,141; Sept. 4.
Compositions for parasiticidal use. K. R. Brown. 2,374,918; May 1.
Compositions for the prevention of the formation or accretion of ice on exposed surfaces. H. L. West and A. R. Ogston. 2,373,727; Apr. 17.
Compositions for the treatment of fibrous materials. M. H. Roth. 2,372,985; Apr. 3.
Compositions for use in agriculture or horticulture. M. H. M. Arnold. 2,372,046; Mar. 20.
Compositions from vulcanizable gums and making same. G. D. Martin. 2,376,264; May 15.
Compositions, Insecticidal. E. C. Britton, G. H. Coleman, and W. D. Schroeder. 2,368,195; Jan. 30.
Compositions obtained by reaction of a chlorinated acramide with a benzyl sulphonamide-modified urea resin, Synthetic. G. F. D'Alelio. 2,366,494; Jan. 2.
Compositions of matter and methods and steps of making and using the same. M. T. Harvey. 2,377,552; June 5.
Compositions of matter and pyrolytic methods of synthesizing them. F. B. Downing, A. F. Benning, and R. C. McHarness. 2,387,247; Oct. 23.
Compositions of polymerized chloroprene. A. D. Macdonald. 2,387,338; Oct. 23.
Compounded mineral oil. B. B Farrington, J. O. Clayton, and J. T. Rutherford. 2,382,043; Aug. 14.
Compounding system, Fluid pressure. S. Schnell. 2,381,930; Aug. 14.
Compounding systems, Fluid pressure. S. Schnell. 2,377,813; June 5.
Compounds. H. C. Miller and R. S. Schreiber. 2,379,821; July 3.
Compounds, Anthraquinone. J. B. Dickey and J. R. Byers, Jr. 2,391,011; Dec. 18.
Compounds containing both sulphur and nitrogen, Organic. E. S. Blake. 2,368,515; Jan. 30.
Compounds, Crystalline ternary addition. R. C. Lyon. 2,368,255; Jan. 30.
Compounds, Dibenzanthrone. E. G. Beckett. 2,388,665; Nov. 13.
Compounds of the cyclopentanopolyhydrophenanthrene series and making same. T. Reichstein. 2,387,706; Oct. 23.
Compounds of the cyclopentanopolyhydrophenanthrene series and their production. W. M. Hoehn. 2,374,680; May 1.
Compounds of the cyclopentano-polyhydrophenanthrene series, Manufacture of. W. Logemann. 2,372,410; Mar. 27.
Compounds of 2-sulphanilamido-5-carboxythiazole with vasoconstrictors and their solutions. P. S. Winnek and E. R. Bockstahler. 2,389,582; Nov. 20.
Compounds produced from salts of sulphamic acids and their preparation. G. F. D'Alelio. 2,389,416; Nov. 20.

Compounds to produce drying products, Treating organic. I. M. Colbeth. 2,388,122; Oct. 30.
Compressed air operated rotary tool. W. H. Warren. 2,382,591; Aug. 14.
Compresses, Preparing. J. H. Emerson. 2,381,974; Aug. 14.
Compressing air and the like, Method of and apparatus for. A. M. Thomsen. 2,366,160; Jan. 2.
Compressing apparatus. F. Martindell. 2,366,976; Jan. 9.
Compression fitting. C. E. Lane. 2,377,891; June 12.
Compression indicator. L. V. Robinson. 2,376,814; May 22.
Compression mold. C. F. Marschner. 2,368,717; Feb. 6.
Compressor. H. A. Andresen. 2,382,598; Aug. 14.
Compressor. W. Felzer and S. Weinberg. 2,387,505; Oct. 23.
Compressor. W. R. Freeman. 2,366,186; Jan. 2.
Compressor. W. R. Freeman. 2,384,293; Sept. 4.
Compressor. F. K. Gruss. 2,377,879; June 12.
Compressor. N. Herzmark. 2,382,716; Aug. 14.
Compressor. C. F. Rocheville. 2,374,897; May 1.
Compressor and cooler, Combined centrifugal. A. J. Larrecq. 2,367,223; Jan. 16.
Compressor, Balanced. M. F. and F. A. Hill, 2nd. 2,386,896; Oct. 16.
Compressor, Centrifugal. J. S. Alford. 2,377,740; June 5.
Compressor, Centrifugal. K. D. McMahon. 2,380,772; July 31.
Compressor, Centrifugal. M. G. Robinson. 2,382,913; Aug. 14.
Compressor, Centrifugal type. M. G. Robinson. 2,372,518; Mar. 27.
Compressor, Fluid. A. E. Roy. 2,374,235; Apr. 24.
Compressor for shoes, Sole. C. J. Simonetti. 2,382,112; Aug. 14.
Compressor for warp drawing machines, Drop wire. R. P. Drake. 2,386,600; Oct. 9.
Compressor, Free piston motor. F. Neugebauer and L. Wagenseil. 2,387,603; Oct. 23.
Compressor head and governor assembly. E. E. Hewitt. 2,383,251; Aug. 21.
Compressor lubricant. E. W. Davis. 2,377,677; June 5.
Compressor, Lubricant. E. W. Davis. 2,390,781; Dec. 11.
Compressor, Lubricant. M. Garancher and C. F. Raisch. 2,378,998; June 26.
Compressor, Multistage. H. R. Ricardo. 2,373,779–80; Apr. 17.
Compressor or motor, Rotary. R. Beckman. 2,367,326; Jan. 16.
Compressor throttling apparatus. E. E. Hewitt. 2,383,250; Aug. 21.
Compressor with opposed pistons. E. Waeber. 2,375,395; May 8.
Computer. A. L. Thurston and B. Sweeney. 2,369,420; Feb. 13.
Computer, Balance. L. W. Imm. 2,373,566; Apr. 10.
Computer, Fire control. G. A. Crowther. 2,382,776; Aug. 14.
Computing and listing machine. L. M. Llorens. 2,368,311; Jan. 30.
Computing machine, Record controlled. A. H. Dickinson. 2,390,427; Dec. 4.
Computing system. H. G. Johnstone. 2,366,193; Jan. 2.
Concentrated toxoids and product produced thereby, Preparing. J. Hoffmann. 2,385,443; Sept. 25.
Concentration cell and temperature compensator. J. L. Wilson and E. E. Mendenhall. 2,370,609; Feb. 27.
Concentration mirror for airplanes. A. Ptáček. 2,375,134; May 1.
Concentrator. A. B. Bouwer and L. Dorfman. 2,373,452; Apr. 10.
Concentrator and amalgamator, Clay settling, centripetal reaction. F. E. Maynard. 2,385,094; Sept. 18.
Concrete arch construction. C. S. Whitney. 2,370,763; Mar. 6.
Concrete beam for use in building construction, Half-tubular reinforced. P. W. Abeles. 2,375,744; May 15.
Concrete block and tile mold. W. W. Denham. 2,367,486; Jan. 16.
Concrete buildings, Making reinforced. A. W. Hedgren. 2,379,636; July 3.
Concrete consistency meter. G. Maxon, Jr. 2,372,595; Mar. 27.
Concrete construction. R. D. Yankee. 2,372,042; Mar. 20.
Concrete form clamp. G. H. Stroben. Re. 22,644; May 22.
Concrete grading machine. G. F. Crock. 2,378,065; June 12.
Concrete reinforcing bar. C. A. Menzel. 2,374,827; May 1.
Concrete rodding machine, Portable. M. E. Whiteman. 2,372,163; Mar. 20.
Concrete, Staining. E. H. Swift. 2,379,502; July 3.
Concrete structure, Precast. H. B. Hayes. 2,372,200; Mar. 27.
Concrete structures, Making. K. P. Billner and B. W. Carlson. 2,376,414; May 22.
Concrete wall building block. E. B. Johnson and A. A. Kaehler. 2,383,317; Aug. 21.
Condensation device for retorts. D. L. Newkirk and E. E. Rusign. 2,383,209; Aug. 21.
Condensation of nitroalkanes with ketones. M. S. Larrison and H. B. Hass. 2,383,603; Aug. 28.
Condensation product of acylated hydroxyaromatic acid. O. M. Reiff. 2,368,599; Jan. 30.
Condensation product of nuclear alkyl-substituted hydroxyaromatic compound. O. M. Reiff. 2,368,598; Jan. 30.
Condensation products. G. F. D'Alelio. 2,377,867; June 12.
Condensation products. W. Hentrich and W. Gündel. 2,378,551; June 19.
Condensation products. E. Segessemann and W. L. Abramowitz. 2,372,797; Apr. 3.
Condensation products, Alkoxypropylamine. L. C. Jones and W. P. Ericks. 2,375,659; May 8.
Condensation products and derivatives thereof, Guanidine. W. P. Ericks and M. C. Whitaker. 2,389,723; Nov. 27.
Condensation products and preparing and using same. E. Lieber. 2,384,107; Sept. 4.
Condensation products and preparing and using same. E. Lieber and M. E. Thorner. 2,381,457; Aug. 7.
Condensation products and preparing and using the same. E. Lieber. 2,377,433; June 5.
Condensation products and preparing and using the same. E. Lieber. 2,384,935; Sept. 18.
Condensation products and preparing and using the same. E. Lieber and M. E. Thorner. 2,383,606; Aug. 28.
Condensation products and producing same. R. Kern. 2,390,153; Dec. 4.
Condensation products and their production. W. J. Burke and J. H. Werntz. 2,370,839; Mar. 6.
Condensation products of acetylene, Production of. H. P. Staudinger and K. H. W. Tuerck. 2,377,585; June 5.
Condensation products of heteromonocyclic ures derivatives. W. J. Burke and F. W. Hoover. 2,374,647; May 1.
Condensation products of N,N'-bis (alkoxymethyl) urea and their production. W. J. Burke and J. H. Werntz. 2,374,648; May 1.
Condensation products of pseudothiohydantoin' protein and producing same. O. Huppert. 2,384,421; Sept. 4.
Condensation products of the modified urea-aldehyde type. G. F. D'Alelio. 2,389,415; Nov. 20.
Condensation products of triazines and substitute triazines with alkylene oxides. W. P. Ericks. 2,381,121; Aug. 7.
Condensation products, Preparing. L. Mack. 2,366,452; Jan. 2.
Condenser: *See*—
- Electric condenser.
- Electrostatic condenser.
- Electrostatic vapor condenser.
- Metallized paper electrical condenser.
- Trimmer condenser.
- Vacuum condenser.
- Variable condenser.
- Zinc condenser.

Condenser. A. R. Muirhead. 2,385,297; Sept. 18.
Condenser. J. F. Sebald. 2,389,005; Nov. 13.
Condenser apparatus. F. A. Meyer. 2,368,421; Jan. 30.
Condenser construction, Evaporator. F. D. Peltier. 2,387,465; Oct. 23.
Condenser-discharge electric system. H. E. Edgerton. Re. 22,611; Mar. 6.
Condenser material and making same. H. F. Fruth. 2,384,541; Sept. 11.
Condenser winding machine. F. Weiss. 2,384,983; Sept. 18.
Condensing sliver. J. G. Kershaw and H. Fisher. 2,385,448; Sept. 25.
Condensing unit. C. P. Russell. 2,367,801; Jan. 23.
Condition control system. A. W. Brunot. 2,387,562; Oct. 23.
Condition control system. J. P. Kreichbaum. 2,389,439; Nov. 20.
Condition responsive control. G. M. Hausler. 2,372,491; Mar. 27.
Condition responsive switch. G. W. Crise. 2,368,005; Jan. 23.
Conditioner, Keylock. A. C. McGrath. 2,371,534; Mar. 13.
Conditioning apparatus. H. F. Taylor and C. H. Robinson. 2,386,368; Oct. 9.
Conditioning of organic pigments. M. Scalera. 2,369,414; Feb. 13.
Conductive plastic. B. H. Maddock. 2,379,976; July 10.
Conductor and cable, Insulated electrical. J. Shield. 2,386,753; Oct. 16.
Conductor and insulation therefor, Insulated. J. F. Hyde. 2,386,486; Oct. 9.
Conductor, Bridging. A. B. Thomas. 2,379,047; June 26.
Conductor, Insulator electric. O. A. J. van Lin and J. Hoekstra. 2,382,275; Aug. 14.
Conductor structure, Armored. C. S. Gordon. 2,372,323; Mar. 27.
Conductor tap-off clamp. E. A. Link. 2,391,428; Dec. 25.
Conduit. A. S. Pitre and E. Wilson. 2,377,899; June 12.
Conduit clamp. R. A. Hartman. 2,374,541; Apr. 24.
Conduit clip. H. R. Ellinwood. 2,373,300; Apr. 10.
Conduit closure. C. H. Chapman and C. P. Griffith. 2,380,217; July 10.
Conduit, Collapsible air. W. L. Steffens and L. E. Whitaker. 2,371,558; Mar. 13.
Conduit connector for fluid pressure control. A. W. Gardes. 2,372,820; Apr. 3.
Conduit coupling means. C. G. Cooper. 2,371,805; Mar. 20.

Conduit, Exhaust. P. E. Mercier. 2,370,062; Feb. 20.
Conduit for tank water heaters, Heat-absorbing water. C. H. Morrow. 2,371,346; Mar. 13.
Conduit, Hose. J. Berger and P. Hirsch. 2,375,614; May 8.
Conduit housing, Removable. G. J. Soderberg. 2,368,619; Feb. 6.
Conduit, Metal. D. Ingalls. 2,367,944; Jan. 23.
Conduit or pipe support. L. H. Peevey. 2,382,577; Aug. 14.
Conduit, Sectional surface drain. F. S. Wendelken. 2,386,020; Oct. 2.
Conduit supporting clip. H. R. Ellinwood. 2,379,568; July 3.
Conduit supporting device. R. C. Jordan. 2,372,674; Apr. 3.
Conduit, Underground. F. W. Gay. 2,384,246; Sept. 4.
Cone jacket applying machine. J. Balton. 2,371,668. Mar. 20.
Cones, Manufacturing pyrometric. G. A. Bole, M. C. Shaw, and H. E. Co Van. 2,377,666; June 5.
Confection. B. Atkinson. 2,388,815; Nov. 13.
Confection and making. P. L. Julian, E. W. Meyer, and H. T. Iveson. 2,373,687; Apr. 17.
Confection handling apparatus. C. R. Taylor. 2,366,941; Jan. 9.
Connecting a race-way member to the stationary frame of a machine, Detachably. L. P. Crosman. 2,375,975; May 15.
Connecting companion pieces of luggage. H. B. Nelson. 2,372,845; Apr. 3.
Connecting device for aircraft catapults. A. Grause. 2,369,455; Feb. 13.
Connecting device for electrical instruments on aircraft. J. H. Jalbert. 2,369,570; Feb. 13.
Connecting devices. A. J. Lombardi. 2,376,370; May 22.
Connecting means for conveyer troughs. E. R. Bergmann. 2,381,252; Aug. 7.
Connecting pin holder. C. W. Mott. 2,391,100; Dec. 18.
Connecting rods, Manufacturing of radial master. H. O. Elane. 2,377,769; June 5.
Connection. R. M. Smith and B. C. Webster. 2,381,315; Aug. 7.
Connection for containers. E. R. Koppel. 2,382,489; Aug. 14.
Connection for electric motors, Delayed-start. D. E. Fritz. 2,383,303; Aug. 21.
Connection for electrical machines, Conductor. G. R. Anderson. 2,391,115; Dec. 18.
Connection for lined tanks. W. E. Crawford. 2,374,733; May 1.
Connection for use with spark plugs, Elbow. B. W. Hulfish. 2,381,595; Aug. 7.
Connection means. W. J. Brown and A. L. W. Williams. 2,368,198; Jan. 30.
Connector: *See*—
- Cable connector.
- Electrical connector.
- Fish line assembly connector.
- Flight and link connector.
- Hose connector.
- Pressure operated tool connector.
- Self-wiping electric plug connector.
- Spoke connector.
- Structural connector.
- Terminal connector.
- Timber connector.
- Wire connector.

Connector. R. H. Corliss. 2,388,954; Nov. 13.
Connector. R. C. Graham. 2,389,255; Nov. 20.
Connector. H. V. Harding. 2,383,124; Aug. 21.
Connector and making the same, Pressure type. T. W. Langford; 2,374,107; Apr. 17.
Connector for binding posts. P. H. Robar. 2,376,812; May 22.
Connector for loud-speakers and the like, Electrical. E. Stanko. 2,379,664; July 3.
Connector for selectors, Spring. R. Rivers. 2,391,479; Dec. 25.
Connector for telephone instruments, Cord. E. S. McLarn. 2,367,298; Jan. 16.
Connector or clamp, Wire or rod. L. Frank. 2,387,436; Oct. 23.
Connector wrench. K. Stanley. 2,386,011; Oct. 2.
Conoscope and using the same. W. L. Bond. 2,387,825; Oct. 30.
Constant current regulator. E. H. Haug. 2,386,458; Oct. 9.
Constant multiplier control. A. B. Machado. 2,388,211; Oct. 30.
Constant torque clutch. O. O. Sunderland. 2,371,855; Mar. 20.
Constituents of gaseous mixtures by liquefaction and rectification, Separation of the. W. Dennis. 2,386,297; Oct. 9.
Constituents of tall oil, Separating and recovering. J. F. Loughlin. 2,382,890; Aug. 14.
Constructing shell-form structures, Method and apparatus for. W. Neff. 2,388,701; Nov. 13.
Construction design and shrink joint for ships. F. A. Rydberg. 2,390,330; Dec. 4.
Construction for firearms, Front-band. R. E. Clarkson. 2,371,282; Mar. 13.
Construction for firearms, Front-band. W. C. Roemer. 2,368,160; Jan. 30.
Construction for glass melting tanks. G. D. Campbell. 2,387,880; Oct. 30.
Construction method. W. S. Simonson. 2,366,156; Jan. 2.
Construction unit, Building. R. W. McLaughlin, Jr. 2,389,863; Nov. 27.
Construction units, Assembling. L. F. Urbain. 2,389,171; Nov. 20.
Construction with a comparatively large base into the soil, Lowering a. B. H. H. Zweers. 2,382,768; Aug. 14.
Contact and terminal for electric switches, Combination. E. N. Jacobi. 2,382,996; Aug. 21.
Contact apparatus. C. H. Rodgers and G. C. Neureuther. 2,384,424; Sept. 4.
Contact for copper oxide rectifiers. C. C. Hein. 2,383,311; Aug. 21.
Contact lenses, Manufacturing. G. J. Sheldon. 2,369,758; Feb. 20.
Contact masses. W. I. Patnode. 2,380,997; Aug. 7.
Contact material, Regenerative. C. E. Hemminger. 2,390,708; Dec. 11.
Contact materials. H. C. Graves, Jr. 2,370,400; Feb. 27.
Contact materials, Regeneration of. R. W. McOmie. 2,386,491; Oct. 9.
Contacting apparatus, Countercurrent. W. C. Rousseau. 2,378,952; June 26.
Contacting device. C. F. Spahn, Jr. 2,369,616; Feb. 13.
Contacting element. F. R. Hensel. 2,387,903; Oct. 30.
Contacting finely divided solid particles with fluids, Method and apparatus for. J. G. Alther. 2,389,399; Nov. 20.
Contacting process. M. M. Marisic. 2,384,942; Sept. 18.
Contactor. F. C. Iglehart and R. B. Immel. 2,374,017; Apr. 17.
Contactor, Direct-current energized. R. B. Immel and R. T. Kintzing. 2,380,442; July 31.
Contactor, Solenoid. M. G. Nelsen. 2,381,075; Aug. 7.
Container: *See*—
- Adjustable closed or sealed container.
- Aerial delivery container.
- Automatic release aerial delivery container.
- Blade dispensing container.
- Box or container.
- Carboy container.
- Cartridge container.
- Cellular paperboard container.
- Cement container.
- Chemical heating container.
- Collapsible container.
- Cosmetic container.
- Crown capped container.
- Cylindrical container.
- Dental plate container
- Dentifrice and toothbrush container.
- Dispensing container.
- Double container.
- Easy opening, reclosable container.
- Extensible dispensing container.
- Fiber container.
- Fibrous container.
- Folding container.
- Fuel container.
- Fuel tank or container.
- Gasproof container.
- Hair spring container.
- Heated food container.
- Hinged cover container.
- Insulated record container.
- Interlocking container.
- Key container.
- Knockdown container.
- Metal container.
- Moistureproof container.
- Nonrefillable container.
- Oil container.
- Ornamental container.
- Package container.
- Paper container.
- Perfume dispensing container.
- Portable container.
- Reclosable metal container.
- Reinforced container.
- Self-heating container.
- Self-locking container.
- Shipping container.
- Snap-down bottom, flat-folded paperboard container.
- Sterilizing container.
- Submersible container.
- Tape message container.
- Tubular container.
- Unit container.
- Valved container.
- Welding rod container.
- Wire container.

Container. N. C. R. Azpiazu. 2,373,444; Apr. 10.
Container. C. A. Baer. 2,373,285; Apr. 10.
Container. C. H. Barr. 2,372,181–2; Mar. 27.
Container. C. H. Barr. 2,372,352; Mar. 27.
Container. T. Begg. 2,370,132; Feb. 27.
Container. G. W. Blair. 2,378,126; June 12.
Container. J. E. Borah. 2,389,890; Nov. 27.
Container. A. and E. A. Calleson. 2,384,810; Sept. 18.
Container. H. L. Carpenter. 2,382,858; Aug. 14.
Container. J. S. Cates. 2,378,128; June 12.
Container. S. W. Conner, J. R. Nell, and P. A. Nemoede 2,374,177; Apr. 24.
Container. H. A. Eggerss. 2,391,774; Dec. 25.
Container. N. Geertsen. 2,390,094; Dec. 4.
Container. C. W. Gibbs. 2,375,101; May 1.
Container. E. D. Gillam. 2,385,268; Sept. 18.
Container. A. J. Godshalk. 2,374,481; Apr. 24.
Container. C. H. Goodyear. 2,387,325; Oct. 23.
Container. R. J. Greenleaf, II. 2,367,675; Jan. 23.
Container. R. Guyer. 2,383,853; Aug. 28.
Container. M. Habif. 2,374,346; Apr. 24.
Container. J. M. Hothersall. 2,371,173; Mar. 13.
Container. W. B. Johnson. 2,387,270; Oct. 23.
Container. J. Leshin. 2,383,726; Aug. 28.
Container. R. E. Lowey. 2,381,067; Aug. 7.
Container. R. Meller. 2,391,639; Dec. 25.
Container. G. A. Moore. 2,375,809; May 15.
Container. G. A. Moore. 2,382,573; Aug. 14.
Container. J. R. C. Quilter. 2,372,981; Apr. 3.
Container. J. R. Richards and C. W. Evert. 2,382,819; Aug. 14.
Container. F. A. Sawyer. 2,378,161; June 12.
Container. J. E. Socke and G. E. Eckman. 2,371,194; Mar. 13.

Container. A. F. Stagmeier. 2,379,043; June 26.
Container. E. O. Then. 2,369,188; Feb. 13.
Container. G. Waggoner and R. Miller. 2,366,819; Jan. 9.
Container. P. H. Waller and E. B. Nottingham. 2,371,369; Mar. 13.
Container. A. H. Warth and W. C. Rainer. 2,378,521; June 19.
Container. H. F. Waters. 2,377,533; June 5.
Container. I. L. Wilcox and R. Horning. 2,382,035; Aug. 14.
Container. B. M. Williams and F. L. Rushing. 2,366,304; Jan. 2.
Container. M. I. Williamson. 2,377,471; June 5.
Container and applicator for wax or the like. A. T. Rogovin. 2,389,276; Nov. 20.
Container and closure cap. E. E. Holwick. 2,368,836; Feb. 6.
Container and closure seal therefor, Sheet metal. M. Schwartz. 2,371,586; Mar. 13.
Container and closure therefor. P. V. Di Cosmo. 2,370,018; Feb. 20.
Container and closure therefor. F. J. Williams and M. Kaplan. 2,391,212; Dec. 18.
Container and closure with opening means therefor. P. V. Di Cosmo. 2,395,632; May 8.
Container and dispenser for soda straws or the like, Shipping. W. E. Amberg. 2,382,597; Aug. 14.
Container and forming the same. G. A. Moore. 2,377,358; June 5.
Container and forming the same. A. B. Wilson. 2,378,878; June 19.
Container and iron. A. C. Hoecker. 2,387,757; Oct. 30.
Container and making same. G. A. Moore. 2,370,680; Mar. 6.
Container and making the same. H. E. Braloff. 2,369,012–13; Feb. 6.
Container and measure, Coffee. A. M. Jess. 2,372,278; Mar. 27.
Container and sealing same. P. V. di Cosmo. 2,378,470; June 19.
Container blowing and cooling apparatus. O. H. Samuelson and A. T. Zappia. 2,382,028; Aug. 14.
Container carrier. T. H. Firks and W. E. Mackelfresh, Jr. 2,386,101; Oct. 2.
Container cleaning machine. A. C. Everett. 2,386,043; Oct. 2.
Container closure. E. Pick. 2,372,391; Mar. 27.
Container closure. F. V. Severin. 2,380,797; July 31.
Container cover and attachment therefor. R. D. Anderson. 2,370,927; Mar. 6.
Container-drum. J. J. Schumacher. 2,383,745; Aug. 28.
Container end closure. R. W. Hoag. 2,373,397; Apr. 10.
Container fabricating machine. C. Z. Monroe. 2,367,884; Jan. 23.
Container fabricating machine. R. Spurr. 2,370,757; Mar. 6.
Container fastening means. P. Zalkind. 2,372,805; Apr. 3.
Container filling system. W. McK. Martin. 2,383,507; Aug. 28.
Container for aircraft, Ammunition. H. Hertel. 2,382,715; Aug. 14.
Container for aseptic filling and dispensing of sterile liquids. C. M. De Woody. 2,388,634; Nov. 6.
Container for assemblies to be bonded. R. L. Beasecker. Re. 22,636; Apr. 24.
Container for blasing caps. A. R. Ely and R. B. Smith. 2,386,546; Oct. 9.
Container for compressed gases, Portable. S. W. Alderfer. 2,380,372; July 31.
Container for corrective substances. P. E. Knudsen. 2,384,099; Sept. 4.
Container for corrosive liquids and other substances. D. T. Downes. 2,384,084; Sept. 4.
Container for dynamite, Paper. E. A. Godfrey. 2,383,542; Aug. 28.
Container for fluids, Storage. W. G. Laird. 2,388,163; Oct. 30.
Container for highpressure fluids. D. Mapes. 2,370,677; Mar. 6.
Container for perishable products. G. P. Kuehner. 2,386,866; Oct. 2.
Container for sterile compresses, Dispensing. M. McI. Dukehart, Jr. 2,391,301; Dec. 18.
Container for use with aircraft, Refrigerated shipping. L. F. Clerc. 2,382,859; Aug. 14.
Container for water bottles, Cup. H. E. Weideman. 2,378,608; June 19.
Container from paper pulp and apparatus therefor, Making. R. E. MacDonald. 2,385,145; Sept. 18.
Container gauge. H. C. Grant, Jr., and W. A. V. Thomsen. 2,376,353; May 22.
Container handle. J. C. Morris. 2,373,408; Apr. 10.
Container handle. R. H. Van Saun. 2,378,340; June 12.
Container handling means. E. Roy Alling and J. C. Knepdar. 2,371,140; Mar. 13.
Container holder. W. O. Demuth. 2,387,982; Oct. 30.
Container holder. A. Taurman and L. H. Hyneman. 2,370,822; Mar. 6.
Container lifter. A. S. Krueger. 2,369,902; Feb. 20.
Container, Manufacture of liquid. L. Shakesby. 2,374,386; Apr. 24.
Container-opening tool. C. E. Stafford. 2,389,648; Nov. 27.
Container parts, Making fiber. J. M. Hothersall. 2,380,440; July 31.
Container sealing device. C. C. Grotnes. 2,368,758; Feb. 6.
Container sealing means. G. T. Derby. 2,372,885; Apr. 3.
Container vacuumizing and closing machine. A. L. Kronquest. 2,391,319; Dec. 18.
Container vent. W. B. Johnson. 2,373,118; Apr. 10.
Container with handle. A. C. Jacobs. 2,387,329; Oct. 23.
Containers. D. Mapes. 2,386,246; Oct. 9.
Containers and products thereof, Making. H. F. Waters. 2,367,477; Jan. 16.
Containers, Closure for. H. Grübener. 2,382,051; Aug. 14.
Containers, Closure for paper. F. J. O'Brien. 2,389,534; Nov. 20.
Containers, Closure of collapsible. W. J. Randall. 2,376,185; May 15.
Containers, Constructing. R. Guyer and R. J. Hennessey. 2,387,392; Oct. 23.
Containers, Constructing. M. O. Kuhn. 2,381,385; Aug. 7.
Containers, Covering. H. J. Arena and J. J. Virgona. 2,371,667; Mar. 20.
Containers, Fabricating. W. F. Pittman. 2,377,103; May 29.
Containers, Filling. M. J. M. de Milleville. 2,382,606; Aug. 14.
Containers, Flake aluminum finishes for lining food. M. G. Gardner. 2,366,850; Jan. 9.
Containers for corrosive subetances, Glass-lined. P. E. Knudsen. 2,385,924; Oct. 2.
Containers for liquified gases, Spherical type insulated. J. O. Jackson. 2,386,958; Oct. 16.
Containers, Forming. J. Geier. 2,385,071; Sept. 18.
Containers, Forming plastic coated. L. M. Wiley. 2,377,393; June 5.
Containers, Loading ammunition. C. H. A. Hartley. 2,386,894; Oct. 16.
Containers, Making. C. Barbieri. 2,367,749; Jan. 23.
Containers, Making. M. O. Kuhn. 2,381,386; Aug. 7.
Containers, Making. J. C. Morrell. 2,367,419; Jan. 16.
Containers, Manufacture of liquid. L. Shakesby. 2,377,722; June 5.
Containers, Molding. W. Y. Stocking. 2,387,778; Oct. 30.
Containers, Opening and closing pressure. A. H. Heineman. 2,370,660; Mar. 6.
Containers, Preparing, Water resistant. I. McHenry. 2,391,791; Dec. 25.
Containers, Sealing. A. P. Grabus, Jr., and A. H. Warth. 2,387,439; Oct. 23.
Containers, Stoppering and opening fluid. A. Mathisen. 2,385,826; Oct. 2.
Containers with explosive mixtures, Filling. N. M. Hopkins. 2,385,810; Oct. 2.
Contents gauge for deep tanks. C. A. De Giers. 2,369,027; Feb. 6.
Continuous centrifugal separator. E. Puig y Terradas. 2,368,876; Feb. 6.
Continuous diffusion process. H. F. Silver. 2,390,131; Dec. 4.
Continuous drier. L. R. Christie. 2,373,382; Apr. 10.
Continuous fusion reactions, Carrying out. S. P. Miller. 2,378,314; June 12.
Continuous industrial filter. C. M. Stanley. 2,377,189; May 29.
Continuous press. R. B. Haines, 3d. 2,367,677; Jan. 23.
Continuous strip-handling reel. J. M. Andreas. 2,388,591; Nov. 6.
Continuous tube rolling mill. B. Bannister. 2,378,278; June 12.
Continuous vulcanization process and apparatus. D. R. De Roche and D. D. Jones. 2,373,816; Apr. 17.
Contour finder. T. Abrams, M. B. Moore, and C. B. Van Kirk. 2,369,634; Feb. 20.
Contour for rotor teeth, Elliptical. M. F. Hill. 2,389,728; Nov. 27.
Contra-angle attachment for dental handpieces. J. H. Blair. 2,370,632; Mar. 6.
Contraction joint for concrete. A. C. Fischer. 2,370,153; Feb. 27.
Control. F. S. Clark. 2,371,378; Mar. 13.
Control and indicating apparatus. O. H. Petersen. 2,370,576; Feb. 27.
Control apparatus. D. M. Borden. 2,390,043; Dec. 4.
Control apparatus. T. A. Cohen. 2,374,652; May 1.
Control apparatus. S. Crum. 2,390,425; Dec. 4.
Control apparatus. W. H. Gille and J. V. Sigford. 2,375,988; May 15.
Control apparatus. M. Gottlieb. 2,389,040; Nov. 13.
Control apparatus. T. R. Harrison. 2,367,349; Jan. 16.
Control apparatus. E. E. Hewitt. 2,388,357; Nov. 6.
Control apparatus. H. S. Jones. 2,376,488; May 22.
Control apparatus. H. S. Jones. 2,377,869; Jan. 23.
Control apparatus. H. S. Jones. 2,390,793; Dec. 11.
Control apparajus. A. G. Larson and C. S. Kelley. 2,379,306; June 26.
Control apparatus. A. J. Loepsinger. 2,387,668; Oct. 23.
Control apparatus. F. B. MacLaren, Jr. 2,374,610; Apr. 24.

Control apparatus. H. E. Malone and P. G. Frerer. 2,375,234; May 8.
Control apparatus. J. B. McMahon. 2,380,853; July 31.
Control apparatus. A. W. Plensler. Re. 22,634; Apr. 17.
Control apparatus. W. A. Ray. 2,381,926; Aug. 14.
Control apparatus. A. F. Schwendner. 2,383,219; Aug. 21.
Control apparatus. W. L. Shaffer. 2,376,513; May 22.
Control apparatus. C. C. Smith. 2,387,810; Oct. 30.
Control apparatus. R. R. Stevens. 2,383,277; Aug. 21.
Control apparatus. D. G. Taylor. 2,388,350; Nov. 6.
Control apparatus. R. H. Whempner. 2,367,162; Jan. 9.
Control apparatus. R. F. Wyer. 2,379,774; July 3.
Control apparatus, Burner. O. W. Hahn. 2,381,215; Aug. 7.
Control apparatus, Fluid fuel burner. S. G. Isserstedt. 2,372,276; Mar. 27.
Control apparatus, Fluid pressure. A. J. Bent. 2,389,020; Nov. 13.
Control apparatus for aircraft. V. E. Stevens. 2,373,065; Apr. 3.
Control apparatus for engines. C. L. Baumann, Jr. 2,382,847; Aug. 14.
Control apparatus for fuel burning appliances. R. Martin. 2,367,038; Jan. 9.
Control apparatus for starting internal-combustion engines, Remote. F. P. Parritt. 2,367,960; Jan. 23.
Control circuit. G. H. Pohm. 2,377,180; May 29.
Control circuit for telephone extension signals and the like. J. H. Wheelock. 2,377,059; May 29.
Control device. F. B. Aubert. 2,386,648; Oct. 9.
Control device. M. O. Bassett. 2,376,652; May 22.
Control device. E. W. Batterson. 2,373,739; Apr. 17.
Control device. J. D. Bolesky. 2,370,519; Feb. 27.
Control device. J. D. Bolesky. 2,388,113; Oct. 30.
Control device. E. J. Dillman. 2,377,765; June 5.
Control device. C. C. Farmer. 2,379,289; June 26.
Control device. W. A. Gigger. 2,387,254; Oct. 23.
Control device. W. H. Gille. 2,390,581; Dec. 11.
Control device. W. H. Gille and H. A. Petsch. 2,371,236; Mar. 13.
Control device. H. C. May. 2,381,222; Aug. 7.
Control device. P. S. Russel. 2,378,883; June 19.
Control device. C. K. Strobel. 2,381,784; Aug. 7.
Control device. W. R. Weeks. 2,367,985; Jan. 23.
Control device, Compression. D. F. Foster. 2,381,895; Aug. 14.
Control device for aircraft, Lateral. M. C. Boyd. 2,379,274; June 26.
Control device for automotive vehicles. R. K. Lee. 2,366,413; Jan. 2.
Control device for compressed air brakes. H. Gallusser. 2,376,660; May 22.
Control device for electrical equipment. L. H. Matthias. 2,369,363; Feb. 13.
Control device for phonographs, Automatic. H. Noren and F. Kylemo. 2,373,494; Apr. 10.
Control device for radio receivers. J. Matt. 2,367,363; Jan. 16.
Control device for rotor blades, Pitch. D. W. Main. 2,389,798; Nov. 27.
Control device for scavenged ignition-type internal-combustion engines. A. Büchi. 2,376,115; May 15.
Control device for the automatic pilotage of airplanes. R. Annen. 2,378,744; June 19.
Control device for the filling of turbo transmission circuits. F. Kugel and H. Benz. 2,374,941; May 1.
Control device, Hydraulic. H. E. Balsiger and R. E. Price. 2,386,184; Oct. 9.
Control device, Ignition timing. J. S. Hasbrouck. 2,390,146; Dec. 4.
Control device, Motor. R. S. Elberty, Jr. 2,386,304; Oct. 9.
Control device, Selecting. E. A. Derungs. 2,388,043; Oct. 30.
Control exchange for heat exchange systems. W. L. Hand. 2,380,839; July 31.
Control for aircraft superchargers. D. R. Shoults. 2,376,199; May 15.
Control for airplanes, Trimmer tab. J. Martin. 2,379,977; July 10.
Control for electric discharge devices, Starting. R. N. Thayer. 2,379,115; June 26.
Control for electric fuel pumps. A. C. Korte and K. Lannert. 2,370,249; Feb. 27.
Control for electrol motors, System of. W. Schaechlin and E. Frisch. 2,370,078; Feb. 20.
Control for engines, Speed. W. P. Cousino. 2,387,236; Oct. 23.
Control for engines, Speed. D. A. Wallace, R. E. Hewlett, and W. T. Wilbur. 2,387,370; Oct. 23.
Control for fish lines, Leader. G. N. Thomas. 2,382,677; Aug. 14.
Control for floor furnaces. V. R. Pawelsky. 2,385,536; Sept. 25.
Control for fluid operated motors. C. J. Kopp. 2,380,973; Aug. 7.
Control for fluid operated motors. T. F. Stacy. 2,367,241; Jan. 16.
Control for fluid operated pistons, Automatic. C. J. Kopp. 2,380,975; Aug. 7.
Control for fuel burners, Safety. C. K. Strobel. 2,379,113; June 26.
Control for gaseous fuel burners, Safety. S. G. Eskin and C. K. Strobel. 2,382,216; Aug. 14.
Control for heating systems, Automatic. W. F. Miller. 2,381,223; Aug. 7.
Control for hydraulic transmissions. A. R. Grad. 2,368,017; Jan. 23.
Control for lathes, Carriage. E. C. Brooking. 2,368,408; Jan. 30.
Control for let-off mechanism of looms, Automatic tension. Y. H. Kurkjian. 2,381,670; Aug. 7.
Control for locked oscillators, Automatic. W. A. McCool. 2,377,894; June 12.
Control for machine tools. G. Davenport. 2,374,255; Apr. 24.
Control for machine tools, Electric. S. H. Caldwell, J. J. Jaeger, and R. Taylor. 2,389,594; Nov. 27.
Control for oil burners. W. A. Bulger. 2,369,530; Feb. 13.
Control for percussive tools, Bit. A. G. Decker, Jr. 2,391,553; Dec. 25.
Control for photographs, Remote. H. G. Jensen and M. G. Nelsen. 2,378,557; June 19.
Control for platens. F. A. Stuhlman. 2,379,840; July 3.
Control for pressing machines. F. C. Lornitzo. 2,381,917; Aug. 14.
Control for pressing machines, Latch. F. C. Lornitzo. 2,382,323; Aug. 14.
Control for pressing machines, Safety. F. C. Lornitzo. 2,382,322; Aug. 14.
Control for record handling and copying apparatus. A. E. Schubert, H. P. Hintz, and H. J. Stettner. 2,391,274; Dec. 18.
Control for refrigerating apparatus. A. B. Newton. 2,367,306; Jan. 16.
Control for refrigerating systems. A. C. Hollatz and R. G. Thomas. 2,390,650; Dec. 11.
Control for refrigerator cars, Temperature. C. A. de Giers and A. Wickesser. 2,390,993; Dec. 18.
Control for seismograph amplifiers, Gain. E. M. Shook. 2,383,571; Aug. 28.
Control for selective automatic phonographs, Remote. H. J. Oyler. 2,378,653; June 19.
Control for servomotors, Two-hand. W. F. Gayring. 2,383,851; Aug. 28.
Control for steam heating systems. W. W. Smith. 2,367,741; Jan. 23.
Control for toilet tanks, Water. B. Svirsky. 2,376,402; May 22.
Control for universal resonant type fatigue testing machines. J. C. Sims, Jr. 2,373,351; Apr. 10.
Control for wound rotor induction motors. S. B. Griscom and J. D. Pierce. 2,379,146; June 26.
Control for writing machines, Record and carbon strip. R. P. Willard. 2,391,760; Dec. 25.
Control handle. C. A. Schallis. 2,367,892; Jan. 23.
Control head. H. C. Grant, Jr. 2,386,210; Oct. 9.
Control instrument. E. C. Burdick. 2,376,572; May 22.
Control instrument. N. I. Cockley. 2,376,573; May 22.
Control instrument, Two stage. G. I. Holmes. 2,374,097; Apr. 17.
Control means. E. J. Dillman. 2,389,111; Nov. 13.
Control means. G. J. Hyde. 2,367,280; Jan. 16.
Control means. B. A. Schwarz. 2,371,267; Mar. 13.
Control means for Diesel engines. D. F. Alexander. 2,373,735; Apr. 17.
Control means for draft regulators. M. W. Crew and G. A. Short. 2,381,437; Aug. 7.
Control means for photo-composing machines, Pneumatic. S. N. Wekeman. 2,374,469; Apr. 24.
Control means for power operated machinery. M. T. Knutzen. 2,378,304; June 12.
Control mechanism. C. A. Arens. 2,384,805; Sept. 18.
Control mechanism. C. A. Arens. 2,386,767; Oct. 16.
Control mechanism. C. A. Arens. 2,390,069; Dec. 4.
Control mechanism. J. W. Bridwell and J. E. Jass. 2,366,433; Jan. 2.
Control mechanism. J. B. Brown. 2,372,311; Mar. 27.
Control mechanism. W. W. Criley. 2,388,832; Nov. 13.
Control mechanism. D. P. Eckman. 2,369,887; Feb. 20.
Control mechanism. J. O. Hunt. 2,368,546; Jan. 30.
Control mechanism. S. G. Isserstedt. 2,384,380; Sept. 4.
Control mechanism. C. B. Kurtz. 2,377,700; June 5.
Control mechanism. H. E. Malone. 2,383,982; Sept. 4.
Control mechanism. C. E. Mason. 2,382,895; Aug. 14.
Control mechanism. G. Muffle. 2,375,319; May 8.
Control mechanism. W. Pechy. 2,370,187; Feb. 27.
Control mechanism. V. F. Zahodiakin. 2,369,512–14; Feb. 13.
Control mechanism. V. F. Zahodiakin. 2,382,765–6; Aug. 14.
Control mechanism, Circuit breaker. H. E. Pearson. 2,376,503; May 22.
Control mechanism, Circuit breaker. H. E. Pearson. 2,388,934; Nov. 13.
Control mechanism, Differential. C. Moon. 2,375,938; May 15.
Control mechanism, Fluid pressure. W. A. Eaton. 2,380,507; July 31.
Control mechanism, Fluid pressure. W. A. Eaton. 2,388,045; Oct. 30.
Control mechanism, Fluid pressure. R. R. Stevens. 2,383,278; Aug. 21.

Control mechanism, Fluid pressure. T. J. Turak. 2,390,558; July 31.
Control mechanism for aircraft. C. R. Lemonier. 2,373,575; Apr. 10.
Control mechanism for airplanes. M. Le R. Stoner. 2,376,731; May 22.
Control mechanism for change-speed gearing. G. T. Randol. 2,383,616; Aug. 28.
Control mechanism for concrete mixers. A. McMillan. 2,375,014; May 1.
Control mechanism for fluid operated parts of machine tools. H. R. Bagley. 2,388,460; Nov. 6.
Control mechanism for honing machines. H. J. Caldwell. 2,391,572; Aug. 7.
Control mechanism for honing machines. H. J. Caldwell. 2,390,495; Dec. 11.
Control mechanism for honing machines. H. J. Caldwell and E. Y. Seborg. 2,377,310; June 5.
Control mechanism for mail treating machines. F. P. Sager and C. D. Ryan. 2,373,503; Apr. 10.
Control mechanism for mining apparatus. C. P. Baldwin and H. H. Vandersee. 2,384,447; Sept. 11.
Control mechanism for pressing machines. O. H. Pearson. 2,371,466; Mar. 13.
Control mechanism for refrigerating devices. L. F. Clerc. 2,367,097; Jan. 9.
Control mechanism for sewing machines. J. Brussell. 2,374,804; May 1.
Control mechanism for transmissions. H. E. Carnagua and D. W. Kelbel. 2,368,801; Feb. 6.
Control mechanism for vehicles. W. W. Dodge. 2,366,391; Jan. 2.
Control mechanism for vehicles, Steering. E. Orshansky, Jr. 2,391,735; Dec. 25.
Control mechanism, Locomotive drifting. R. P. Delano, Jr. 2,383,534; Aug. 28.
Control mechanism, Size. R. S. Elberty, Jr. 2,382,215; Aug. 14.
Control mechanism, Window. J. H. Roethel. 2,379,922; July 10.
Control method and apparatus. M. C. Bates. 2,366,170; Jan. 2.
Control method and mechanism. H. J. Mastenbrook and D. K. Swartwout III. 2,375,431; May 8.
Control of cyclical operations on fluid and like materials, Co-ordinated. W. K. Porteous and W. E. Marchment. 2,372,449; Mar. 27.
Control of electric switches. T. R. Coggeshall. 2,381,336; Aug. 7.
Control of heat transfer salts. J. R. Bates. 2,375,758; May 15.
Control of resistance welding machines. J. W. Bayles. 2,377,601; June 5.
Control operating mechanism. W. Tydon and W. J. Augustine. 2,379,999; July 10.
Control or indicator, Automatic. C. J. Kopp. 2,380,972; Aug. 7.
Control or regulating system employing fluid pressure. R. H. Nisbet and W. G. Harding. 2,390,119; Dec. 4.
Control quadrant. E. D. Clickner. 2,373,225; Apr. 10.
Control rolling means. E. B. Hudson, P. H. Long, and J. W. Pick. 2,374,599; Apr. 24.
Control shift control mechanism. H. T. Avery. 2,366,429; Jan. 2.
Control surface boost device and gust dampener. E. F. Burton, H. W. Adams, and O. A. Wheelon. 2,366,382; Jan. 2.
Control surface for airplanes. A. Utsch. 2,370,893; Mar. 6.
Control system. G. A. Brooke, Jr., and C. C. Chambers. 2,371,590; Mar. 13.
Control system. F. McG. Chilton. 2,375,213; May 8.
Control system. W. G. Cook. 2,379,132; June 26.
Control system. S. B. Crary. 2,367,930; Jan. 23.
Control system. S. B. Crary. 2,371,030; Mar. 6.
Control system. L. Day. 2,391,228; Dec. 18.
Control system. W. A. Derr. 2,372,061; Mar. 20.
Control system. J. A. Deubel. 2,373,103; Apr. 10.
Control system. L. Gess. 2,381,948; Aug. 14.
Control system. W. H. Gille. 2,366,501; Jan. 2.
Control system. L. F. Hemphill. 2,386,683; Oct. 9.
Control system. L. J. Hibbard. 2,387,262; Oct. 23.
Control system. H. B. Holthouse. 2,384,468; Sept. 11.
Control system. C. B. Huston. 2,383,799; Aug. 28.
Control system. S. G. Isserstedt. 2,384,622; Sept. 11.
Control system. C. T. Jacobs. 2,367,028; Jan. 9.
Control system. O. A. Keep. 2,372,498; Mar. 27.
Control system. G. E. King. 2,389,367–8; Nov. 20.
Control system. A. E. Krogh and J. P. Vollrath. 2,367,359; Jan. 16.
Control system. J. Z. Linsenmeyer and L. C. Poole. 2,390,799; Dec. 11.
Control system. R. E. Marbury. 2,388,639; Nov. 6.
Control system. E. E. Moyer. 2,376,169; May 15.
Control system. W. A. Ray. 2,372,393; Mar. 27.
Control system. W. A. Ray. 2,375,870; May 15.
Control system. W. A. Ray. 2,377,517; June 5.
Control system. W. A. Ray. 2,384,696; Sept. 11.
Control system. H. E. Reichert. 2,375,039; May 1.
Control system. L. O. Reichelt. 2,375,946; May 15.
Control system. E. D. Schneider. 2,367,619; Jan. 16.
Control system. E. O. Setterblade. 2,390,619; Dec. 11.
Control system. F. D. Snyder. 2,390,812; Dec. 11.
Control system. B. Stahmer. 2,379,837; July 3.
Control system. W. R. Tallaferro. 2,385,041; Sept. 18.
Control system. J. P. Vollrath. 2,381,992; Aug. 14.
Control system. J. P. Vollrath. 2,390,902; Dec. 11.
Control system. M. A. Whiting. 2,385,669; Sept. 25.
Control system. M. A. Whiting. 2,385,671; Sept. 25.
Control system. S. B. Williams. 2,366,583; Jan. 2.
Control system. W. H. Wineman. 2,387,549; Oct. 23.
Control system, Alternating current motor. W. R. Wickerham. 2,384,865; Sept. 18.
Control system, Burner. F. E. Lange. 2,368,850; Feb. 6.
Control system, Carrier-current. J. L. Woodworth. 2,375,722; May 8.
Control system, Deflection. G. L. Beers. 2,385,563; Sept. 25.
Control system, Engine speed. C. H. Fike and H. R. Heinzen. 2,386,392; Oct. 9.
Control system, Fluid-operated. W. W. Sloane. 2,383,894; Aug. 28.
Control system for aircraft guns, Fire. E. W. Chafee. 2,385,348; Sept. 25.
Control system for aircraft turbosuperchargers. M. A. Edwards and M. Levine. 2,376,143; May 15.
Control system for aircraft turbosuperchargers. R. J. Hoffman and F. E. Crever. 2,376,142; May 15.
Control system for aircraft turbosuperchargers. D. R. Shoults. 2,374,708; May 1.
Control system for alternating current drives. W. R. Wickerham. 2,384,864; Sept. 18.
Control system for hydraulically actuated devices. J. S. W. Davidsen. 2,385,351; Sept. 25.
Control system for lifting device carriages, Counterweight. P. J. T. Allard. 2,371,865; Mar. 20.
Control system for machine tools. G. E. King. 2,370,047; Feb. 20.
Control system for regulating the co-ordinated filling and emptying of vessels. W. K. Porteous. 2,372,448; Mar. 27.
Control system for supercharged internal-combustion engines, Air temperature. H. R. Crago. 2,368,642; Feb. 6.
Control system for vehicles, Radio directional. G. B. Greene and R. W. Goble. 2,382,709; Aug. 14.
Control system, Frequency. W. S. Marks. 2,383,005; Aug. 21.
Control system, Hydraulic remote. L. E. Dougherty. 2,372,188–9; Mar. 27.
Control system, Locomotive. T. L. Weybrew. 2,372,145; Mar. 20.
Control system, Mixture. C. I. MacNeil and F. C. Mock. 2,389,797; Nov. 27.
Control system, Oil delivery. E. H. Bickley. 2,377,860; June 12.
Control system, Photoelectric. R. W. Pearson and L. C. Poole. 2,385,725; Sept. 25.
Control system, Receiver fidelity. W. R. Koch. 2,379,720; July 3.
Control system, Sequence. J. Eaton. 2,385,616; Sept. 25.
Control system, Speed. C. E. Gossling. 2,390,144; Dec. 4.
Control system, Synchronizing. W. A. Derr. 2,381,264; Aug. 7.
Control system, Time and condition responsive interlocking. J. Eaton. 2,384,372; Sept. 4.
Control system, Water heater. C. M. Osterheld. 2,368,773–4; Feb. 6.
Control system, Water heater. C. M. Osterheld. 2,368,869; Feb. 6.
Control system with thermal retarder, Water heater. C. M. Osterheld. 2,373,196; Apr. 10.
Control track records, Preparing. N. Levinson. 2,367,293; Jan. 16.
Control unit, Synchronizing power. W. M. Pohl. 2,384,962; Sept. 18.
Control unit, Vibration-reducing. H. S. Peterson. 2,385,881; Oct. 2.
Control valve. F. G. G. Armstrong. 2,371,122; Mar. 13.
Control valve. G. R. Elliott. 2,387,653; Oct. 23.
Control valve. T. E. Mead. 2,388,560; Nov. 6.
Control valve. G. H. Palm. 2,380,608; July 31.
Control valve. E. R. Price. 2,383,682; Aug. 28.
Control valve. A. J. Rosenberger. 2,370,076; Feb. 20.
Control valve. R. E. Schurtz and J. N. Roth. 2,386,817; Oct. 16.
Control valve device. J. W. Rush. 2,367,618; Jan. 16.
Control valve mechanism. E. D. Johnson. 2,366,192; Jan. 2.
Control valve system, Travel. E. A. Rockwell. 2,385,942; Oct. 2.
Control vanes for fans. B. S. Foss. 2,388,208; Oct. 30.
Controlled swivel joint. D. W. Goodwin. 2,388,841; Nov. 13.
Controller. B. Ulinski. 2,373,636; Apr. 10.
Controller, Condition. H. E. Malone. 2,385,823; Oct. 2.
Controller for electric traveling machines. P. B. Harwood and J. M. Newman. 2,385,917; Oct. 2.
Controller for gyro instruments. A. W. Lane and R. S. Curry, Jr. 2,389,158; Nov. 20.
Controller for lifting magnets. A. E. Lilliquist and O. P. Proudfoot. 2,390,377; Dec. 4.
Controller for motor-driven printing presses and other machines. W. H. Rouse. 2,387,358; Oct. 23.
Controller for motor-driven traveling devices. E. W. Seeger. 2,368,383; Jan. 30.
Controller for motor operated machines. E. U. Lassen. 2,375,928; May 15.

Controller for multimotor drives. C. P. Feldhausen. 2,379,072; June 26.
Controller for towing winches and other machines. E. U. Lassen and A. A. Johnson. 2,372,963; Apr. 3.
Controller mechanism. C. A. Clifton. 2,366,441; Jan. 2.
Controller, Steam quality. A. Clarkson. 2,387,717; Oct. 30.
Controller, Variable reactance. J. M. Naul. 2,374,883; May 1.
Controlling and indicating apparatus. E. O. Burton and A. V. Nichol. 2,368,743; Feb. 6.
Controlling device. F. M. Slater. 2,378,802; June 19.
Controlling device for well tools. J. S. McDonald and W. E. A. Ruska. 2,387,456; Oct. 23.
Controlling means. W. S. Landon. 2,372,436; Mar. 27.
Controlling means for automotive vehicles. E. A. Rockwell. 2,372,015; Mar. 20.
Controlling means for fluid-operated machines. B. Jorgensen. 2,367,782; Jan. 23.
Controlling means for gyro instruments. R. S. Curry, Jr. 2,381,438; Aug. 7.
Controlling means, Liquid level. P. S. Russel. 2,387,858; Oct. 30.
Controlling mechanism. L. H. Cushman. 2,386,383; Oct. 9.
Controlling mechanism for dispensing machines. H. M. Olsen. 2,370,873; Mar. 6.
Controlling relay. J. E. Preston. 2,389,458; Nov. 20.
Controlling system. J. G. Ziegler. 2,388,457; Nov. 6.
Controlling system for regulators. W. L. Hunt. 2,386,799; Oct. 16.
Controlling the distribution of air, Method of and apparatus for. W. W. Kennedy. 2,368,363; Jan. 30.
Controlling the flow of liquid into containers, System for. R. B. McKinnis. 2,389,268; Nov. 20.
Controlling the fuel supply in two-stroke internal-combustion engines. G. Cumner. 2,374,411; Apr. 24.
Controlling the operation of automatic mechanism such as automatic guns, Method and apparatus for. H. Trevaskis. 2,382,352; Aug. 14.
Controlling valve. P. K. Saunders. 2,376,387–8; May 22.
Convection heater. I. Jepson. 2,372,832; Apr. 3.
Conversion of continuous filaments into staple fiber yarns or like products. C. H. Hays. 2,366,785; Jan. 9.
Conversion of hydrocarbons, Polyform. A. H. Schutte. 2,382,107; Aug. 14.
Conversion process. H. G. Blankmeyer and W. H. Stark. 2,375,789; May 8.
Conversion process. H. C. Mayland. 2,374,826; May 1.
Conversion process and apparatus, Catalytic. V. Voorhees and W. L. Webb. 2,378,342; June 12.
Conversion process, Hydrocarbon. R. F. Ruthruff. 2,382,100; Aug. 14.
Conversion system, Catalytic. E. A. Johnson. 2,367,281; Jan. 16.
Conversion system, Catalytic. D. A. Monro. 2,379,027; June 26.
Conversion system, Hydrocarbon. E. A. Johnson. 2,379,966; July 10.
Converter, Arc-welding. M. Morrison. 2,380,668; July 31.
Converter attachment. J. M. Sherrer. 2,378,587; June 19.
Converter, Catalytic. J. S. Pecker. 2,376,271; May 15.
Converter, Catalytic. R. S. Stanfield and L. W. Doolan, Jr. 2,376,629; May 22.
Converter, Fluid torque. J. Jandasek. 2,388,329; Nov. 6.
Converter, Torque. R. Lapsley. 2,389,520; Nov. 20.
Convertible chair. N. T. Quinney. 2,377,649; June 5.
Convertible chair. E. L. Trozell. 2,375,151; May 1.
Convertible freight car. A. Kassler and J. B. D. Thompson. 2,366,967; Jan. 9.
Converting device. S. G. Myers. 2,377,808; June 12.
Converting ore, Method and apparatus for. W. C. Kirkpatrick. 2,390,105; Dec. 4.
Conveyer. A. R. Askue. 2,375,065; May 1.
Conveyer. R. E. Briggs. 2,380,384; July 31.
Conveyer. E. E. Brunner. 2,383,932; Sept. 4.
Conveyer. R. G. Daw. 2,368,525; Jan. 30.
Conveyer. W. T. Eppler. 2,390,785; Dec. 11.
Conveyer. J. H. Fulper. 2,368,353; Jan. 30.
Conveyer. J. H. Hampton. 2,379,351; June 26.
Conveyer. P. M. Hassler. 2,372,199; Mar. 27.
Conveyer. B. Henriksen. 2,390,302; Dec. 4.
Conveyer. W. H. Hudson. 2,371,624; Mar. 20.
Conveyer. R. K. Jeffrey. 2,366,407; Jan. 2.
Conveyer. D. Knies. 2,384,179; Sept. 4.
Conveyer. A. W. Lemmon. 2,373,765; Apr. 17.
Conveyer. F. J. Le Roy. 2,390,261; Dec. 4.
Conveyer. G. A. Miller. 2,382,087; Aug. 14.
Conveyer. C. Z. Monroe. 2,368,483; Jan. 30.
Conveyer. R. A. Pearson. 2,384,959; Sept. 18.
Conveyer. J. A. Porter. 2,388,283; Nov. 6.
Conveyer. C. R. and R. R. Raney. 2,369,754; Feb. 20.
Conveyer. D. Rose. 2,391,272; Dec. 18.
Conveyer. A. De L. Sinde. 2,389,279; Nov. 20.
Conveyer. A. D. Sinden. 2,366,569; Jan. 2.
Conveyer. A. D. Sinden. 2,372,798; Apr. 3.
Conveyer. A. D. Sinden. 2,375,697; May 8.
Conveyer. A. D. Sinden. 2,375,698; May 8.
Conveyer. A. D. Sinden. 2,375,699; May 8.
Conveyer. E. C. Wehle. 2,387,220; Oct. 16.
Conveyer and distributor, Container. C. N. Bergmann. 2,371,419; Mar. 13.
Conveyer and loader, Portable. R. H. and F. F. Blank. 2,389,759; Nov. 27.
Conveyer assembly, Reversible grain. H. and W. Bobrowski. 2,389,483; Nov. 20.
Conveyer, Bake oven. J. R. Nalbach. 2,390,455; Dec. 4.
Conveyer, Bake oven. J. R. Nalbach and A. Haupt. 2,369,840; Feb. 20.
Conveyer, Belt. J. R. Madeira. 2,373,389; Apr. 17.
Conveyer, Car loading. J. R. Madeira. 2,384,385; Sept. 4.
Conveyer chain. H. Klaucke and R. G. Davis. 2,385,923; Oct. 2.
Conveyer, Combined ladder and fruit. R. W. Hawes. 2,374,864; May 1.
Conveyer control. A. F. Dees. 2,371,956; Mar. 20.
Conveyer control. E. P. Smith. 2,372,131; Mar. 20.
Conveyer, Flexible. T. W. Jones. 2,377,155; May 29.
Conveyer for automotive vehicles. F. W. Stevenson. 2,381,783; Aug. 7.
Conveyer for filling machines. R. D. Delamere. 2,369,540; Feb. 13.
Conveyer for ovens. G. J. Dawn. 2,390,075; Dec. 4.
Conveyer, Forced draft. C. C. McConkle. 2,381,762; Aug. 7.
Conveyer furnace. J. B. Rauen. 2,367,429; Jan. 16.
Conveyer, Grain. F. T. Court. 2,377,760; June 5.
Conveyer, Log barker. E. C. Shaw. 2,391,802; Dec. 25.
Conveyer lubricator. E. H. Kanter. 2,367,354; Jan. 16.
Conveyer mechanism. R. M. Jacobson. 2,384,033; Sept. 4.
Conveyer mechanism. E. N. Michna. 2,369,479; Feb. 13.
Conveyer mechanism. W. W. Pabst. 2,390,895; Dec. 11.
Conveyer mechanism. R. M. Rogers and A. M. Walker. 2,381,185; Aug. 7.
Conveyer mechanism and printing press, Synchronized. F. W. Hill. 2,386,551; Oct. 9.
Conveyer, Portable power-driven. A. C. Turtle. 2,375,965; May 15.
Conveyer, Selective. L. M. Bailey. 2,377,848; June 12.
Conveyer, Shaker. E. R. Bergmann. 2,379,337; June 26.
Conveyer structure. H. P. Faris and J. E. White. 2,371,747; Mar. 20.
Conveyer structure. R. E. Klein. 2,373,477; Apr. 10.
Conveyer structure. P. R. Powell. 2,374,131; Apr. 17.
Conveyer structure. H. Sieb. 2,390,276; Dec. 4.
Conveyer system. N. B. Griffin and C. H. Brechner. 2,390,935; Dec. 11.
Conveyer system. G. A. Lyon. 2,368,233; Jan. 30.
Conveyer system. D. H. Mitchell. 2,366,279; Jan. 2.
Conveyer system. D. H. Mitchell. 2,372,789; Apr. 3.
Conveyer system. D. H. Mitchell. 2,375,863; May 15.
Conveyer system and control therefor. E. P. Smith. 2,372,130; Mar. 20.
Conveying and handling unit. D. C. Heitshu. 2,375,104; May 1.
Conveying and processing apparatus. R. M. Carrier, Jr. 2,374,664; May 1.
Conveying and processing apparatus. J. V. Davis. 2,375,630; May 8.
Conveying apparatus. E. M. Crosland. 2,371,877; Mar. 20.
Conveying apparatus. C. L. Gerlach. 2,379,571; July 3.
Conveying apparatus. P. R. Hornbrook. 2,380,310–11; July 10.
Conveying apparatus. O. W. Wood. 2,382,194; Aug. 14.
Conveying apparatus, Commodity. C. H. Carpenter. 2,391,125; Dec. 18.
Conveying means. L. S. Harber. 2,380,172; July 10.
Conveying mechanism. H. A. Barnby and J. Hohl. 2,372,646; Apr. 3.
Conveying mechanism. R. C. Sneed and C. S. Jordan. 2,371,783; Mar. 20.
Conveying, Method of and apparatus for. R. M. Carrier. 2,374,663; May 1.
Conveying system. E. L. Wiegand. 2,375,057; May 1.
Cook-book holder. H. McCutchan. 2,386,131; Oct. 2.
Cooked foods, Preserving. H. F. Waters. 2,369,765; Feb. 20.
Cooker. S. Dawson. 2,372,362; Mar. 27.
Cooker, Pressure. H. P. Allen. 2,369,932; Feb. 20.
Cooker, Pressure. A. Vischer, Jr. 2,373,620; Apr. 10.
Cooker, Pressure. E. H. Wittenberg. 2,368,795; Feb. 6.
Cooker, Vacuum. R. W. Krout. 2,374,216; Apr. 24.
Cooking and heating apparatus. F. P. Meagher. 2,369,972; Feb. 20.
Cooking device. J. C. Sharp. 2,368,496; Jan. 30.
Cooking device. J. L. Shroyer and H. A. Michaelis. 2,367,626; Jan. 16.
Cooking unit, Electrical. J. W. Myers and S. J. Roesch. 2,387,461; Oct. 23.
Cooky cutter. L. Frank. 2,379,140; June 26.
Cooler: *See*—
Aviation oil cooler. Portable magazine type package cooler.
Material cooler.
Photoengraver's plate cooler. Water and like cooler. Water and oil cooler.
Cooler. B. Essick. 2,380,586; July 31.
Cooler and sipper, Combined drink. S. R. Bogin and J. V. Delfino. 2,370,931; Mar. 6.
Cooler for aircraft, Oil. B. Burns. 2,387,057; Oct. 16.
Cooler for engines. A. G. F. Wallgren. 2,368,732; Feb. 6.
Cooler for oil in journal reservoirs. S. Holm and J. Vickland. 2,372,896; Apr. 3.

Cooler or evaporator. J. R. Zwickl. 2,384,413; Sept. 4.
Cooling and dehydrating apparatus. H. J. Kaufman. 2,390,104; Dec. 4.
Cooling and heating liquids. L. Beer, H. Berg, and W. Gruber. 2,387,557; Oct. 23.
Cooling apparatus, Gun. J. R. Stephenson. 2,388,807; Nov. 13.
Cooling arrangement for gas turbines. S. R. Puffer. 2,388,997; Nov. 13.
Cooling arrangement for internal-combustion engines. W. Beyerle. 2,381,007; Aug. 7.
Cooling arrangement, Gas turbine. S. R. Puffer and R. H. Norris. 2,388,998; Nov. 13.
Cooling bed. C. W. Hawthorne. 2,367,021; Jan. 9.
Cooling device. J. De N. Berryman. 2,370,390; Feb. 27.
Cooling device for metal rectifiers. C. A. Clarke. 2,390,026; July 10.
Cooling element. J. H. McCue. 2,378,645; June 19.
Cooling fins to tubular members, Forming and applying. W. B. Bronander. 2,379,879; July 10.
Cooling fluids on boats or the like. W. B. Jutte. 2,386,803; Oct. 16.
Cooling hydraulic coupling brakes, Method and apparatus for. J. B. Black and W. F. Shurts. 2,388,112; Oct. 30.
Cooling material. J. E. Kennedy. 2,377,943; June 12.
Cooling means for abrasive cutters. A. B. Eastwood. 2,378,070; June 12.
Cooling means for dynamoelectric machines. C. J. Fechheimer 2,381,122; Aug. 7.
Cooling means for electrode tips. T. A. Wilson. 2,388,587; Nov. 6.
Cooling system. C. L. Daun. 2,367,340; Jan. 16.
Cooling system. N. Herznark. 2,382,717; Aug. 14.
Cooling system. C. D. Marshall and C. O. Buttrill. 2,389,106; Nov. 13.
Cooling system and thermostatically controlled by-pass valve. J. Nicholas. 2,377,028; May 29.
Cooling system for fuel injection nozzles. A. T. Bremser. 2,381,804; Aug. 7.
Cooling system for induction furnaces. M. and M. Tama. 2,389,218; Nov. 20.
Cooling system for vacuum tubes. W. C. Rudd. 2,383,620; Aug. 28.
Cooling the air in underground mine workings and like places. W. R. F. Lunt. 2,386,560; Oct. 9.
Cooling unit, Evaporative. J. H. Dishner. 2,384,016; Sept. 4.
Cooling units, Construction of. L. Weiss. Re. 22,607; Feb. 20.
Coordinate measuring stage. G. E. Guellich and A. A. Gradisar. 2,387,440; Oct. 23.
Copolymer, Plasticized butadiene-acrylonitrile. J. G. Lichty. 2,385,290; Sept. 18.
Copolymerization. C. A. Kraus. 2,387,517; Oct. 23.
Co-polymerization products and making same. R. R. Dreisbach. 2,385,695; Sept. 25.
Copolymers. A. M. Clifford. 2,387,385; Oct. 23.
Copolymers and making, Rubberlike. B. O. Blackburn. 2,391,817; Dec. 25.
Copolymers of acrylic nitriles with lesser amounts of conjugated dienes. W. L. Semon. 2,374,841; May 1.
Copolymers of butadiene-1,3 hydrocarbons and other organic compounds. W. L. Semon. 2,384,572; Sept. 11.
Copolymers of conjugated diene hydrocarbons and alpha-methylene nitriles, Vulcanization of. D. E. Sauser. 2,374,385; Apr. 24.
Copolymers of dienes and olefinic dicarboxylic acid esters. W. L. Semon. 2,384,569; Sept. 11.
Copolymers of diolefins and unsaturated ketones, Production of rubberlike. R. R. Dreisbach. 2,383,782; Aug. 28.
Copolymers of isoolefins and diisobutenyl ring compounds. A. H. Gleason and W. J. Sparks. 2,368,538; Jan. 30.
Copolymers of vinylidene chloride and conjugated diene hydrocarbons. H. Tucker. 2,376,208; May 15.
Copolymers, Plasticizing. H. H. Thompson. 2,391,281; Dec. 18.
Copolymers, Vulcanization of olefin-diolefin. S. Breck. 2,386,427; Oct. 9.
Copper acetylide precipitation, Prevention of. C. E. Morrell and M. W. Swaney. 2,384,329; Sept. 4.
Copper ammonium acetate extraction and purification method. A. W. Fleer. 2,383,784; Aug. 28.
Copper and baths for use therein, Depositing. J. E. Stareck and F. Passalacqua. 2,383,895; Aug. 28.
Copper arsenicals, Preparing. G. W. Pearce and A. W. Avens. 2,388,496; Nov. 6.
Copper article, Rubber covered. A. W. Meyer. 2,379,978; July 10.
Copper from copper-bearing solutions, Recovery of. C. H. Keller. 2,390,540; Dec. 11.
Copper from tin, Separation of. J. O. Hay. 2,367,022; Jan. 9.
Copper oxide rectifier. C. C. Hein and J. W. Stevenhagen. 2,389,383; Nov. 20.
Copper oxide rectifier for automobiles. C. C. Hein. 2,367,943; Jan. 23.
Copper pigment. S. B. Tuwiner and D. A. Dodge. 2,371,483; Mar. 13.
Copper sulphate from wash liquors, Recovery and reuse of. W. H. Furness. 2,370,157; Feb. 27.
Copper sweetening. H. E. Messmore and J. M. Mason. 2,378,092; June 12.
Copyfilms for lenticular sound tracks. C. J. Dippel, K. J. Keuning, H. J. Jules and R. L. H. Van Hoestenberghe. 2,380,585; July 31.
Copyholder. P. Kobler. 2,369,241; Feb. 13.
Copyholders for document photographing cameras. F. M. Pickett. 2,377,514; June 5.
Copying machine. K. Zwick. 2,371,941; Mar. 20.
Cord adjusting apparatus for Venetian bunds. W. W. Lewis. 2,378,145; June 12.
Cord and making same. R. F. Nickerson. 2,372,601; Mar. 27.
Cord assembly, Flatiron. E. K. Clark and J. R. Hellman. 2,367,996; Jan. 23.
Cord clamp. K. E. Rogers. 2,387,611; Oct. 23.
Cords, Manufacturing beaded. L. Z. Plebanek. 2,366,932; Jan. 9.
Core alternating current arc welder, Movable. E. F. Steinert. Re. 22,609; Feb. 27.
Core bit. E. B. Williams, Jr. 2,371,488; Mar. 13.
Core box. E. C. Kloss. 2,391,715; Dec. 25.
Core box. J. W. Lowther. 2,386,326; Oct. 9.
Core drilling apparatus, Pressure. J. C. Stokes. 2,381,845; Aug. 7.
Core drilling, Process and apparatus for pressure. G. A. Macready. 2,373,323; Apr. 10.
Core for plastic molding, Collapsible. C. H. Terry. 2,375,148; May 1.
Core for tubular castings. A. E. Troiel. 2,387,815; Oct. 30.
Core, Iron powder. K. Kaschke. 2,385,578; Sept. 25.
Core making process. G. Passelecq. 2,368,322; Jan. 30.
Core retriever. L. F. Smith. 2,379,757. July 3.
Core structure for casting hollow rolls or the like. E. A. Walcher. 2,374,904; May 1.
Core structure, Magnetic. L. Mauerer. 2,378,233; June 12.
Core structure, Magnetic. H. V. Putman. 2,387,943; Oct. 30.
Core structures for inductive apparatus. H. V. Putman and J. K. Hodnette. 2,382,172; Aug. 14.
Core taking apparatus. J. C. Stokes. 2,381,844; Aug. 7.
Cores for electrical induction apparatus, Producing. E. C. Muleahy. 2,374,449; Apr. 24.
Cores, Forming electromagnetic. J. J. Vienneau. 2,387,099; Oct. 16.
Cores, Method of and apparatus for applying material to advancing. R. Gillis and W. Morsing. 2,389,725; Nov. 27.
Coring device. R. Benke. 2,372,875; Apr. 3.
Coring device, Side hole. J. C. Stokes. 2,386,514; Oct. 9.
Cork articles, Forming. F. B. Menger and L. E. Gaenzle. 2,371,060; Mar. 6.
Cork composition and products made therefrom. A. H. Warth and P. Grabus, Jr. 2,383,096; Aug. 21.
Cork-like products from polymers of ethylene, Obtaining. W. L. Alderson, Jr. 2,387,730; Oct. 30.
Cork substitute, Making. L. A. Riefenstahl. 2,381,774; Aug. 7.
Corn and stalk harvester. K. H. Burgin. 2,385,193; Sept. 18.
Corn cutter. C. E. Kerr. 2,386,955; Oct. 16.
Corn cutter and sled wagon. E. I. Feater. 2,390,245; Dec. 4.
Corn harvester. A. H. Houghton. 2,375,846; May 15.
Corn harvester husking roll. C. J. Scranton. 2,391,846; Dec. 25.
Corn picker lifting mechanism. J. B. Hayes and R. L. Dort. 2,382,480; Aug. 14.
Corn protein and preparing same, Modified whole. R. N. Monte and J. B. Gottfried. 2,384,388; Sept. 4.
Corn starch, Making modified. R. E. Daly, F. A. Frankenfield, and H. A. Schopmeyer. 2,373,016; Apr. 3.
Corner-block fastening. F. Hirsch. 2,371,329; Mar. 13.
Corner construction and finishing bead for walls. A. C. Markuson. 2,391,581; Dec. 25.
Corner unit. J. H. Norrid. 2,386,338; Oct. 9.
Cornice and bracket therefor. E. F. Rebholz. 2,375,247; May 8.
Cornice attachment for windows. C. Bosansky. 2,368,964; Feb. 6.
Correction in wave transmission, Distortion. W. R. Bennett. 2,379,211; June 26.
Correspondence portfolio. W. V. Bayley. 2,390,864; Dec. 11.
Corrosion by phosphorous, Preventing. J. S. Streicher. 2,384,502; Sept. 11.
Corrosion, Inhibition of. E. H. Keller. 2,388,155; Oct. 30.
Corrosion of ferrous metals by solutions of electrolytes, Preventing. C. K. Lawrence and R. F. Engle. 2,377,792; June 5.
Corrosion prevention. H. D. Rhodes and R. W. Watson. 2,382,818; Aug. 14.
Corrosion protection of metals. E. R. Barnum. 2,369,641; Feb. 20.
Corrosion protection of metals. E. R. Barnum and E. W. Zublin. 2,371,143; Mar. 13.
Corrosion protection of metals. E. W. Zublin, E. R. Barnum, and E. R. White. 2,371,207; Mar. 13.
Corrosion recorder. M. G. Fontana, G. W. Kidder, and P. B. Kraus. 2,374,088; Apr. 17.
Corrugated metal fastener. H. Mohr. 2,377,169; May 29.

Corrugated paperboard chick feeder. K. C. Ferguson. 2,367,491; Jan. 16.
Corselet. L. N. Alberts. 2,387,552; Oct. 23.
Corset. J. J. Kispert. 2,367,875–6; Jan. 23.
Corset. J. J. Kispert. 2,379,444; July 3.
Corset and combination garment. B. F. Hall. 2,381,953; Aug. 14.
Corset and the like. G. E. Hawes. 2,369,459; Feb. 13.
Corset stay mounting. L. Forget. 2,389,037; Nov. 13.
Corset-type garment. A. Roth. 2,380,266; July 10.
Corset, Uplift. J. J. Kispert. 2,379,445; July 3.
Corset, Ventilated. P. Amyot. 2,367,553; Jan. 16.
Cosmetic case. R. F. Berls. 2,367,992; Jan. 23.
Cosmetic container. C. R. Book. 2,367,457; Jan. 16.
Cosmetic container. C. R. Book. 2,385,680; Sept. 25.
Cosmetic container. L. Naidech. 2,375,027; May 1.
Cosmetic container. O. B. Sherman. 2,380,338; July 10.
Cosmetic holder. P. J. Jensen. 2,388,045; Jan. 25.
Cosmetic preparation. C. Weeks. 2,373,933; Apr. 17.
Cosmetic to the lips, Holding and applying. W. B. Gorman. 2,372,777; Apr. 3.
Cosmetic unit. M. de Botelho. 2,388,470; Nov. 6.
Cot, Baby bathing. A. M. N. Harper. 2,389,362; Nov. 20.
Cot fastener. D. H. Cox. 2,375,896; May 15.
Cot, Finger. J. A. Petrullo. 2,389,237; Nov. 20.
Cot, Surgical. J. S. M. Knox. 2,374,488; Apr. 24.
Cot, Wheel. T. Ericsson. 2,371,811; Mar. 20.
Cotter pin assembly. S. J. Strid. 2,373,983; Apr. 17.
Cotton carding mechanism. E. C. Gwaltney. 2,369,893; Feb. 20.
Cotton cleaner. P. L. Berry. 2,366,705; Jan. 9.
Cotton cleaner. L. L. McDaniel and F. E. Deems. 2,384,383; Sept. 4.
Cotton fibers, Treatment of. E. J. Cerny. 2,387,058; Oct. 16.
Cotton's patent and other straight bar knitting machines. W. G. Macdonald and W. A. Cooper. 2,381,072; Aug. 7.
Couch bed. J. F. Eppenstein. 2,370,851; Mar. 6.
Couch, Convertible. A. Roth. 2,377,374; June 5.
Couch roll arrangement for paper machines. L. Hornbostel. 2,369,674; Feb. 20.
Couch, Studio. W. W. Wilson. 2,375,716; May 8.
Coulter. A. Laitinen. 2,375,372; May 8.
Counter. J. R. Guenther. 2,375,413; May 8.
Counter. H. B. Vroom. 2,384,220; Sept. 4.
Counter and numbering head for press cylinders. O. C. Roesen. 2,375,174; May 1.
Counterbore. J. Luss. 2,374,761; May 1.
Counter control, Revolution. A. B. Machado. 2,366,345; Jan. 2.
Counter for fluid meters, Predetermining. W. F. Berck. 2,383,702; Aug. 28.
Counter mechanism. H. N. Bliss. 2,372,650; Apr. 3.
Counter pasting machine. F. Ricks and C. M. Bagshaw. 2,370,917; Mar. 6.
Counter portion for shoes. E. A. Cohen. 2,391,445; Dec. 25.
Counter portions, Making. E. A. Cohen. 2,391,446; Dec. 25.
Counter, Resettable. S Graydon, Jr., and H. N. Bliss. 2,382,708; Aug. 14.
Countersink device. J. M. Gwinn, Jr., and C. L. R. Smeltzer. 2,383,854; Aug. 28.
Countersinking drill. D. H. Freese. 2,372,719; Apr. 3.
Countersinking tool. M. F. Marini. 2,374,552; Apr. 24.
Counting and controlling mechanism. T. G. Turner. 2,372,460; Mar. 27.
Counting and printing mechanism. L. Scher. 2,378,250; June 12.
Counting apparatus. R. T. McGoldrick and L. B. Tuckerman. 2,378,422; June 19.
Counting apparatus, Vehicle. G. A. Culbertson. 2,382,140; Aug. 14.
Counting device. M. L. Nelson. 2,366,422; Jan. 2.
Counting device. E. G. Rice. 2,389,107; Nov. 13.
Counting device, Pick. A. Eddy. 2,384,901; Sept. 18.
Counting machine, Coin. A. R. Buchholz and W. A. Bargans. 2,378,828; June 19.
Counting mechanism. W. H. De Lancey. 2,390,239; Dec. 4.
Counting mechanism. P. H. Mefferd. 2,390,444; Dec. 4.
Coupler. E. P. Kinne and F. H. Kayler. 2,382,232; Aug. 14.
Coupler. E. P. Kinne and F. H. Kayler. 2,384,748; Sept. 11.
Coupler. C. E. Stringer. 2,366,295; Jan. 2.
Coupler, Car. E. P. Kinne and F. H. Kayler. 2,386,476; Oct. 9.
Coupler, Car. L. J. Manka. 2,377,257; May 29.
Coupler device. E. M. McElhinney. 2,384,185; Sept. 4.
Coupler, Lubricating. L. E. Fankhouser and E. H. Glotfelty. 2,390,930; Dec. 11.
Coupler, Pipe. E. D. Buchanan. 2,388,117; Oct. 30.
Coupler, Releasable. R. E. Baker and G. H. Kendall. 2,369,638; Feb. 20.
Coupler supporting and centering device. M. P. Blomberg and J. M. Smidl. 2,380,018; July 10.
Coupler, trailer. N. M. Norman and J. P. K. Fontaine. 2,372,976; Apr. 3.
Couplers, Acylated amino pyrazolone. H. D. Porter and A. Weissberger. 2,369,489; Feb. 13.
Couplers for photographic color development, Color. H. Verkinderen and N. Vankeirsblick. 2,380,809; July 31.
Couplers having six-membered rings, Color. P. W. Vittum, K. P. Griffin, and A. Weissberger. 2,378,266; June 12.

Coupling: *See*—

Angularly adjustable coupling.	Resilient shaft coupling.
Ball self-locking releasable coupling.	Rod coupling.
Detachable coupling.	Rotary shaft coupling.
Fire hose coupling.	Self-aligning antivibration coupling.
Flexible coupling.	Self-sealing coupling.
Flexible hose coupling.	Shaft coupling.
Flexible pipe coupling.	Snap ring lock coupling.
Fluid control coupling.	Spring coupling.
Fluid coupling.	Swivel pipe coupling.
Fluid handling coupling.	Threadless conduit coupling.
Hinge self-sealing coupling.	Toothed-gear coupling.
Hose coupling.	Tube coupling.
Hydraulic coupling.	Universal coupling.
Hydraulic shockless coupling.	Variable speed hydraulic coupling.
Mutual coupling.	Vehicle coupling.
Pipe coupling.	Venturi gas line coupling.
Pipe or tube coupling.	

Coupling. W. L. Davis. 2,371,507; Mar. 13.
Coupling. A. Y. Dodge. 2,366,841; Jan. 9.
Coupling. G. E. Ehrling. 2,386,097; Oct. 2.
Coupling. A. G. Herreshoff and J. P. Butterfield. 2,381,745; Aug. 7.
Coupling. E. H. Piron. 2,378,099; June 12.
Coupling. A. T. Scheiwer. 2,377,812; June 5.
Coupling. J. Tjaarda and K. Knibbe. 2,387,195; Oct. 16.
Coupling. A. Venditty. 2,377,468; June 5.
Coupling. C. E. Wyrick. 2,370,602; Feb. 27.
Coupling and retaining means, Air pipe. W. Frank. 2,378,134; May 15.
Coupling assembly. L. Yager and J. W. Cummings. 2,385,596; Sept. 25.
Coupling device. A. A. Cadwallader. 2,375,728; May 8.
Coupling device. C. D. Hetzler. 2,378,297; June 12.
Coupling device. E. M. McElhinney. 2,386,053; Oct. 2.
Coupling device. W. W. Mower and W. F. Van Loenen. 2,376,803; May 22.
Coupling device. C. B. Watts, Jr. 2,368,694; Feb. 6.
Coupling device, Electromagnetically controlled. H. C. Freed. 2,370,027; Feb. 20.
Coupling device for camera attachments. H. Nagel. 2,372,223; Mar. 27.
Coupling device for typewriting calculating machines. H. E. Kämmel. 2,371,826; Mar. 20.
Coupling device, Key. R. L. Muller. 2,367,421; Jan. 16.
Coupling device, Ultra high frequency wave. R. Hardy and P. de Maertelaere. 2,383,857; Aug. 28.
Coupling equipment, Car. E. A. Larsson. 2,381,603; Aug. 7.
Coupling for artificial feet, Ankle. C. Dumelin. 2,368,917; Feb. 6.
Coupling for cooling conduits of high frequency apparatus M. R. Saslaw. 2,377,378; June 5.
Coupling for trucks and trailers. O. S. Field. 2,371,749; Mar. 20.
Coupling for trucks and trailers. R. A. Fontaine. 2,371,750; Mar. 20.
Coupling for tubing. J. R. Dorman. 2,366,444; Jan. 2.
Coupling means. G. W. Cook. 2,369,138; Feb. 13.
Coupling means. W. J. Spengler. 2,391,525; Dec. 25.
Coupling system for loading devices such as aerials. P. P. Gamet. 2,375,547; May 8.
Coupling trailers and bogies to prime movers. A. R. Nelson. 2,385,099; Sept. 18.
Coupling with check valve, Hose. P. M. Hardwick. 2,383,249; Aug. 21.
Couplings between resonators and electron streams. W. P. Mason. 2,379,818; July 3.
Coupon holder. S. Heilbrunn and A. F. Kaptuller. 2,382,877; Aug. 14.

Cover: *See*—

Boat cover.	Ironing board cover.
Automobile cover.	Match book cover.
Cigarette package cover.	Protective cover.
Eyelet cover.	Slip cover.
Detachable port cover.	Spinning roll cover.
Fitting insulating cover.	Universal chair and cushion cover.
Foot cover.	Utensil cover.
Keyhole cover.	

Cover and carrier, Suit. C. L. Threeton. 2,378,665; June 19.
Cover construction for containers. J. R. Richards and C. W. Evert. 2,387,184; Oct. 16.
Cover fastener. G. W. Pancoe. 2,385,461; Sept. 25.
Cover for gas ranges, Safety lockable. M. Applebaum. 2,390,234; Dec. 4.
Cover for paper containers. C. Barbieri. 2,383,760; Aug. 28.
Cover for safety razors, Protecting. E. S. Johnston. 2,372,280; Mar. 27.
Cover for the dials of instruments and the like. D. B. Browne and R. H. G. Painter. 2,379,861; July 10.
Cover for typewriter machines and the like, Folding. J. G. Cabrera. 2,390,987; Dec. 18.
Cover lock for pans. L. L. Marohl. 2,382,083; Aug. 14.
Cover retainer, Magnetic mold. S. Clausen and W. C. Broekhuysen. 2,369,648; Feb. 20.
Cover structure and assembly, Wheel. G. A. Lyon. 2,368,237; Jan. 30.

Cover structure, Wheel. G. A. Lyon. 2,368,239; Jan. 30.
Cover to protect bowling alleys, Heel. H. T. Nichols. 2,378,721; June 19.
Coverall. L. L. Freedman. 2,380,423; July 31.
Covering, Building. J. E. Black. 2,390,348; Dec. 4.
Covering elements, Making. G. Smolak. 2,391,805; Dec. 25.
Covering for aircraft surfaces and the like, Protective. W. H. Hunter. 2,391,241; Dec. 18.
Covering for worsted type spinning rolls. H. M. Bacon. 2,369,635; Feb. 20.
Covering machine, Batt. C. E. Webb. 2,390,340; Dec. 4.
Covering material for aircraft frame structures and the like and producing the same. A. Ryan. 2,384,771; Sept. 11.
Covering mechanism, Cylinder. W. O. Szogren. Re. 22,655; July 3.
Covering structure. D. H. Spitzli. 2,367,536; Jan. 16.
Covers on cores, Method of and apparatus for testing. C. J. Krogel. 2,368,763; Feb. 6.
Cowl fastener. O. J. Huelster. 2,372,496; Mar. 27.
Cowl for oil burning smoke screen devices. J. Tweeddale. 2,381,374; Aug. 7.
Crab meat and preserving, Preserved. H. F. Webb. 2,381,019; Aug. 7.
Cracking in re-forming of hydrocarbons, Inhibiting. R. E. Burk. 2,380,938; Aug. 7.
Cracking process, Catalytic. C. H. Kollenberg. 2,382,724; Aug. 14.
Cradle, Material handling. R. A. Brown. 2,375,747; May 15.
Craft of the hydroplane type. C. Hook. 2,387,907; Oct. 30.
Crane. R. R. Porter. 2,377,448; June 5.
Crane. S. Wilson. 2,375,337; May 8.
Crane, Adjustable and collapsible floating. R. C. Swaney. 2,378,254; June 12.
Crane, Automobile. J. Tanenbaum. 2,383,426; Aug. 21.
Crane boom suspension. G. Y. Anderson. 2,391,440; Dec. 25.
Crane, Bridge. E. W. Taylor. 2,366,574; Jan. 2.
Crane, Folding. R. G. Le Tourneau. 2,375,799; May 15.
Crane, Heavy-duty portable. O. R. Peterson. 2,380,069; July 10.
Crane, Level luffing jib. I. Kay. 2,386,475; Oct. 9.
Crane, Loading and unloading. A. M. Deiters. 2,382,299; Aug. 14.
Crane, Luffing. G. T. Shoosmith. 2,368,891; Feb. 6.
Crane, Mobile. R. G. Le Tourneau. 2,375,800; May 15.
Crane, Portable. H. B. Hayes. 2,370,661; Mar. 6.
Crane, Portable. L. L. Hercik. 2,382,054; Aug. 14.
Crane, Portable. H. A. and G. H. Wagner. 2,383,172; Aug. 21.
Crane, Revolving. N. M. Erdahl. 2,381,731; Aug. 7.
Crane, Soaking-pit. R. J. Harry. 2,388,408; Nov. 6.
Crane, Tractor. R. C. Hamilton. 2,378,008; June 12.
Crank actuating mechanism, Nondead centering. A. J. Middler. 2,384,950; Sept. 18.
Crank assembly. J. S. Sharpe. 2,378,507; June 19.
Crankcase air-pressure control means. W. G. Winkels and T. W. Ashcroft. 2,375,718; May 8.
Crankcase construction, Engine. W. E. Brill. 2,371,797; Mar. 20.
Crankcase flusher. F. E. Wilson. 2,385,393; Sept. 25.
Crankcases, Making. T. L. Fawick. 2,382,303; Aug. 14.
Crank for bicycles, Folding. F. W. Schwinn. 2,384,139; Sept. 4.
Crank grinding machine. H. A. Silven. 2,375,737; May 2.
Crank press. R. G. Le Tourneau. 2,366,272; Jan. 2.
Crankshaft. J. Dusevoir. 2,380,099; July 10.
Crankshaft. D. K. Warner. 2,377,833; June 5.
Crankshaft. J. Wawzonek and E. St. Pierre. 2,374,907; May 1.
Crankshaft and connecting rod assembly, Ball-bearing. C. E. Ashton. 2,374,720; May 1.
Crankshaft, Electric welded. F. A. Carstens. 2,378,686; June 19.
Crankshaft for internal-combustion engines. O. Specht. 2,378,592; June 19.
Crankshafts, Transmission gearing for. S. W. Thompson. 2,390,229; Dec. 4.
Crate. A. L. Kiff. 2,378,224; June 12.
Crate. J. H. Woodberry and G. B. Russell. 2,371,663; Mar. 20
Crate and trailer, Combination shipping. E. M. Zubatsky. 2,369,384; Feb. 13.
Crate, Collapsible. C. H. Roumillat. 2,378,505; June 19.
Crate, Folding metal chicken. J. F. Lease. 2,373,481; Apr. 10.
Crate head maker. G. C. Paxton and G. E. Stilwell. 2,378,948; June 26.
Crawler drive mechanism. W. M. Huston and C. E. Jones. 2,387,268; Oct. 23.
Crayon, Marking. F. A. Sturn. 2,380,126; July 10.
Cream cheese manufacture. O. J. Link. 2,387,276; Oct. 23.
Cream expender, Automatic. E. W. Daly. 2,373,171; Apr. 10.
Cream separating device for milk containers. V. E. Steen. 2,369,322; Feb. 13.
Creasing and folding machine, Box. A. W. Werner. 2,379,127; June 26.
Creel, Spinning frame. L. M. Cotchett. 2,391,295; Dec. 18.
Creosote, Cleaning. V. F. Hribar. 2,367,024; Jan. 9.
Crib. C. E. Webb. 2,368,185; Jan. 30.
Crib. C. E. Webb. 2,380,812; July 31.
Crib and bassinet, Combined baby. D. C. Lanese. 2,381,759; Aug. 7.
Crib, Child's. W. L. Lundin. 2,369,834; Feb. 20.
Crib, Collapsible. G. H. Logan and J. K. Hiss. 2,378,231; June 12.
Crib, Drop-side. H. F. Shaw. 2,383,167; Aug. 21.
Cribbage board. R. S. Calkins. 2,366,488; Jan. 2.
Cribbing. O. S. Flath. 2,378,295; June 12.
Crimping tool. J. B. Dennis. 2,382,401; Aug. 14.
Crop header, Row. C. M. Flook. 2,380,161; July 10.
Crop implement, Orchard cover. C. Marek. 2,370,981; Mar. 6.
Cross-feed mechanism for grinding machines. R. S. Pyne and E. Allen. 2,370,580; Feb. 27.
Cross-linked polyesters and electrical conductors containing them. C. S. Fuller. 2,388,319; Nov. 6.
Cross-stitches, Making spaced. M. Langa. 2,369,470; Feb. 13.
Crotch construction for garments. V. A. Faegre. 2,375,543; May 8.
Crown cap spotting apparatus. P. E. Pearson. 2,391,340; Dec. 18.
Crown capped container. W. F. Punte. 2,391,346; Dec. 18.
Crude oil burner. A. Dekker. 2,367,460; Jan. 16.
Crusher. J. T. Fowler. 2,381,661; Aug. 7.
Crusher, can. R. F. Shinn. 2,373,057; Apr. 3.
Crusher plate support. G. E. Krider. 2,375,370; May 8.
Crusher, Rock. A. R. Ebersol. 2,380,419; July 31.
Crutch. D. B. Gish. 2,383,786; Aug. 28.
Crutch. H. J. Lawrence. 2,391,717; Dec. 25.
Crutch. G. E. Osborn. 2,373,045; Apr. 3.
Crutch. H. A. Tracy. 2,388,374; Nov. 6.
Crutch. J. D. Wheeler. 2,388,778; Nov. 13.
Crutch for surgical tables. H. J. Lawrence. 2,366,972; Jan. 9.
Crutch tip. T. E. and M. G. P. Jones. 2,376,776; May 22.
Cryptographic equipment. A. H. Buckley. 2,377,205; May 29.
Cryptographic machine. B. Tann. 2,389,093; Nov. 13.
Crystal. W. E. Kuenstler. 2,383,262; Aug. 21.
Crystal. W. E. Kuenstler. 2,384,756; Sept. 11.
Crystal. W. E. Kuenstler. 2,386,692; Oct. 9.
Crystal crop comprising mainly sodium bicarbonate and potassium pentaborate octohydrate, Producing a mixed. F. H. May. 2,374,877; May 1.
Crystal grinding device. A. Spina. 2,372,688; Apr. 3.
Crystal holder. W. E. Kuenstler. 2,384,757; Sept. 11.
Crystal inspection device. J. R. Prall. 2,391,344; Dec. 18.
Crystal mounting. R. J. Watrobski. 2,385,666; Sept. 25.
Crystal oscillator and mounting. K. G. MacLean. 2,370,979; Mar. 6.
Crystal oscillator circuit. R. L. Downey. 2,369,954; Feb. 20.
Crystal, Piezoelectric. A. E. Swickard. 2,386,916; Oct. 16.
Crystalline dextrose, Production of. A. T. Harding. 2,369,231; Feb. 13.
Crystalline products, Manufacture of purified. A. Fleischer. 2,378,296; June 12.
Crystallizing apparatus. H. H. Feldstein. 2,379,895; July 10.
Crystals, Finishing piezoelectric. H. F. Fruth. 2,387,137; Oct. 16.
Cuff for shirts, blouses or the like, Detachable. N. G. Engholm. 2,367,343; Jan. 16.
Cuff, Picker's. W. C. French. 2,377,623; June 5.
Cultivator. O. F. Davis. 2,374,424; Apr. 24.
Cultivator. J. Evans. 2,389,422; Nov. 20.
Cultivator. W. H. Silver. 2,385,950; Oct. 2.
Cultivator and planting attachment therefor. T. W. Johnson. 2,375,850; May 15.
Cultivator attachment. W. O. Hancock. 2,368,136; Jan. 30.
Cultivator attachment. W. C. Speck. 2,371,718; Mar. 20.
Cultivator attachment for tractors. W. G. Luger. 2,368,312; Jan. 30.
Cultivator, Hand. R. E. Sievert. 2,382,030; Aug. 14.
Cultivator mounting and control unit, Rotary. D. H. Clark. 2,366,386; Jan. 2.
Cultivator, Tractor. G. W. Swanson. 2,372,403; Mar. 27.
Cultivator unit, Rotary. D. H. Clark. 2,370,777; Mar. 6.
Cultivators, and other implements, Tractor for garden. F. V. Donald. 2,368,290; Jan. 30.
Cup, Canteen. J. A. Wynn. 2,386,284; Oct. 9.
Cup dispenser. W. E. Amberg. 2,369,933; Feb. 20.
Cup-dispensing mechanism. W. W. Bowman. 2,374,168; Apr. 24.
Cup finishing apparatus. W. H. Emerson. 2,374,339; Apr. 24.
Cup-separating and dispensing machine. F. Franz. 2,385,267; Sept. 18.
Cup, Vacuum bottle. H. A. Ross. 2,373,917; Apr. 17.
Cups, Multiple type vacuum. H. V. Farmer. 2,385,977; Oct. 2.

Cupric chloride, Manufacture of. C. F. Swinehart and J. O. Hay. 2,367,153; Jan. 9.
Curler, Eyelash. W. R. Tuttle and W. J. Beldue. 2,391,047; Dec. 18.
Curler, Hair. M. F. Basky. 2,387,822; Oct. 30.
Curler, Hair. E. Bergen. 2,379,272; June 26.
Curler, Hair. L. Eisenman. 2,367,854; Jan. 23.
Curler, Hair. H. H. Klein. 2,379,807; July 3.
Curler, Hair. W. H. Maxwell. 2,370,910; Mar. 6.
Curler, Hair. W. H. Maxwell. 2,388,791-2; Nov. 13.
Curler, Hair. D. Ostrander. 2,369,752; Feb. 20.
Curler, Hair. J. B. Panushka and L. A. Wheeler. 2,388,797; Nov. 13.
Curler, Hair. A. Reiter. 2,380,674; July 31.
Curler, Hair. N. Stone. 2,378,872; June 19.
Curler, Hair. F. F. Weiss. 2,391,284; Dec. 18.
Curler, Hair. M. L. Wormington. 2,388,628; Nov. 6.
Currency dispenser. N. Eastman. 2,369,955; Feb. 20.
Current collector. G. A. Mead. 2,369,837; Feb. 20.
Current control apparatus, Alternating. A. U. Welch, Jr. 2,376,215; May 15.
Current limiter. R. R. Goodrich. 2,384,087; Sept. 4.
Current motor. C. H. Merritt. 2,379,314; June 26.
Current of precisely controlled frequency, Method and apparatus for producing alternating. G. F. Drake. 2,376,421; May 22.
Current rectifier of the selenium type, Alternating. L. E. Thompson and A. Jenkins. 2,378,513; June 19.
Current rectifiers of the selenium type, Manufacture of alternating. L. E. Thompson and A. Jenkins. 2,389,008; Nov. 13.
Current regulating means, Alternating. C. J. Holslag. 2,387,327; Oct. 23.
Current, saturated inductance, Polyphase direct. B. Nordfelt. 2,372,112; Mar. 20.
Currents for nonsignaling purposes, Generating. C. W. Hansell. 2,381,496; Aug. 7.
Curtain and drapery rod. J. Castagna. 2,385,608; Sept. 25.
Curtain bracket. W. Hilton. 2,386,854; Oct. 16.
Curtain, drape, and shade holder, Combination. A. Barbee. 2,374,165; Apr. 24.
Curtain fixture. I. Lundstrom. 2,374,605; Apr. 24.
Curtain hanger. J. D. Praggastis. 2,389,546; Nov. 20.
Curtain or drape fixture. F. S. Keabey. 2,386,691; Oct. 9.
Curtain rod. O. Bastiansen. 2,374,575; Apr. 24.
Curtain, shade and drapery fixture, Combination. C. M. Edgington. 2,371,232; Mar. 13.
Curtain suspending means. S. G. Issersteadt. 2,388,061; Oct. 30.
Curtain, Two-way lace. L. Fischel. 2,371,039; Mar. 6.
Cushion. A. A. Adams. 2,371,276; Mar. 13.
Cushion. W. B. Lashar and R. F. Warren, Jr. 2,385,870; Oct. 2.
Cushion. P. Weeber. 2,371,788; Mar. 20.
Cushion for conduit and wire supporting clips. A. Robertson. 2,387,295; Oct. 23.
Cushion, Needle. F. C. Mahon. 2,372,442; Mar. 27.
Cushion seat. D. C. Varma. 2,384,713; Sept. 11.
Cushion structure. C. E. Lenz. 2,368,930; Feb. 6.
Cushioning device for radiation detectors. G. Herzog. 2,385,857; Oct. 2.
Cusp for dentures, Cutting. G. A. Wiechert. 2,375,509; May 8.
Cut-off machine, Abrasive. W. A. Phillis. 2,388,434; Nov. 6.
Cutoff tool. G. A. Cole. 2,391,133; Dec. 18.
Cutoff toolholder. R. E. Kilgore. 2,390,653; Dec. 11.
Cutoff valve. W. C. Buttner. 2,380,576; July 31.
Cutoff valve. C. A. Nelson. 2,375,810; May 15.
Cut out, Animal trophy. J. Katz and A. Alfano. 2,382,231; Aug. 14.
Cutout. A. G. Steinmayer. 2,390,670; Dec. 11.
Cut-out for electric lamps. I. H. Van Horn. 2,367,905; Jan. 23.
Cut seamed articles, Manufacturing. F. S. Martin. 2,379,311; June 26.

Cutter: *See*—

Cable and structural shape cutter.	Multiple thread milling cutter.
Cable armor cutter.	Package cutter.
Cooky cutter.	Pipe cutter.
Corn cutter.	Rivet cutter.
Double-acting glass cutter.	Sheet cutter.
Doughnut cutter.	Shingle cutter.
Emergency cable cutter.	Side milling cutter.
Fly cutter.	Siding cutter.
Gasket cutter.	Staple fiber cutter.
Gear cutter.	Surgical cast cutter.
Hand-operated tube cutter.	Thread cutter.
Inserted tooth milling cutter.	Type slug end cutter.
Milling cutter.	Vegetable cutter.
	Waste cutter.
	Wire cutter.

Cutter. C. E. Kraus. 2,367,221; Jan. 16.
Cutter. H. J. Monroe. 2,367,841; Jan. 23.
Cutter. L. A. Smith. 2,382,113; Aug. 14.
Cutter. E. A. Ullman. 2,370,273; Feb. 27.
Cutter and crimper, Dough. H. Gamache. 2,369,452 Feb. 13.
Cutter and crimper for ravioli and pastries. H. Gamache. 2,373,182; Apr. 10.
Cutter and device for forming curved slots under lips of continental type heels. J. M. Fuller. 2,377,931; June 12.
Cutter and silo filler, Feed. N. R. Krause and C. W. Hansen. 2,385,451; Sept. 25.
Cutter assembly for can openers. W. J. Landry. 2,383,929; Aug. 28.
Cutter attachment for lathes, Radius. B. S. Scott. 2,386,984; Oct. 16.
Cutter chain. J. A. Hayward. 2,390,251; Dec. 4.
Cutter chain. W. T. McCullough. 2,374,364; Apr. 24.
Cutter chain. C. F. Osgood. 2,387,285; Oct. 28.
Cutter chain. E. Rupp. 2,389,936; Nov. 27.
Cutter chain. L. E. Simmons. 2,391,485; Dec. 25.
Cutter for and method of cutting gears. F. B. McMullen. 2,385,220; Sept. 18.
Cutter for containers. D. J. Coffey. 2,371,505; Mar. 13.
Cutter for looms, Thread. R. G. Turner. 2,389,471; Nov. 20.
Cutter for sewing machines, Safety thread. A. C. Silverman. 2,372,609; Mar. 27.
Cutter for sheet material, Hole. J. M. Abrams. 2,379,618; July 3.
Cutter for sprouts or tree suckers. T. L. Page. 2,376,002; May 15.
Cutter for tying machines, Thread. E. Cummins. 2,382,210; Aug. 14.
Cutterhead. J. Fiedler. 2,379,347; June 26.
Cutter head for hydraulic dredges. G. R. Waldeck. 2,370,430; Feb. 27.
Cutter mounting. R. R. Weddell. 2,371,089; Mar. 6.
Cutter shifting apparatus for cloth shears. G. E. Marble. 2,389,800; Nov. 27.
Cutter structure, Rotary. C. Haumiller. 2,373,472; Apr. 10.
Cutter testing device. O. A. Johnson. 2,372,279; Mar. 27.
Cutter unit and assembly, Milling. W. A. Henkle. 2,390,254; Dec. 4.
Cutter unit, Demountable. W. Owen. 2,377,099; May 29.
Cutting and beveling machine. J. T. Stone. 2,377,844; June 5.
Cutting and counting machine. G. J. Kennedy. 2,389,783; Nov. 27.
Cutting and spacing device. F. F. Pease. 2,367,310; Jan. 16.
Cutting apparatus. B. M. Jansen, and F. L. Kitley. 2,372,784; Apr. 3.
Cutting attachment for beet harvesters, Leaf. H. V. Lea, L. W. Schmidt and G. P. du Bose. 2,380,701; July 31.
Cutting attachment for lathes and the like, Thread. A. Ross. 2,378,659; June 19.
Cutting device. O. L. Bright. 2,387,876; Oct. 30.
Cutting device. R. Pimentel. 2,380,898; July 31.
Cutting device. L. Sabo. 2,368,571; Jan. 30.
Cutting device for forming ornamented breast heel flaps. L. Sabo. 2,383,515; Aug. 28.
Cutting device, Portable hand-operated. J. J. Otto. 2,382,021; Aug. 14.
Cutting, grinding, or polishing machine for diamonds and other stones and the like. F. C. Jearum. 2,384,253; Sept. 4.
Cutting implement. N. Alpert. 2,387,633; Oct. 23.
Cutting implement. C. E. Peterson. 2,382,440; Aug. 14.
Cutting instrument. R. E. Seitz. 2,379,108; June 26.
Cutting implement. W. M. Stockman. 2,373,203; Apr. 10.
Cutting machine. C. M. Asbill, Jr., and G. B. Hill. 2,370,129; Feb. 27.
Cutting machine. G. O. Langenberg. 2,390,376; Dec. 4.
Cutting machine. J. R. Morris. 2,375,378; May 8.
Cutting machine. R. A. Mustered. 2,383,208; Aug. 21.
Cutting machine. C. A. Wiken and H. V. Boehnke. 2,372,699; Apr. 3.
Cutting machine, Cocoanut. L. Mallcay. 2,373,584; Apr. 10.
Cutting machine, High speed rotary. A. B. MacNeill. 2,379,242; June 26.
Cutting machine, Meat. W. Lasar. 2,380,700; July 31.
Cutting machine, Tape. C. Olsson. 2,379,033; June 26.
Cutting machinery, Bias. J. Katz and F. P. Majoros. 2,382,997; Aug. 21.
Cutting mechanism, Wrapping paper. O. Sandberg. 2,372,020; Mar. 20.
Cutting off material abrasively. H. G. Robinson. 2,383,741; Aug. 28.
Cutting-off tool. A. B. Nesbitt and S. Webb. 2,382,020; Aug. 14.
Cutting or welding machine, Plate. J. L. Anderson. 2,389,585; Nov. 27.
Cutting recesses. O. Lawrenz. 2,389,201; Nov. 20.
Cutting quartz crystals and apparatus for preparing quartz crystals for cutting. B. E. Baker. 2,381,993; Aug. 14.
Cutting sheet metal, Press for. C. J. Rhodes. 2,371,315; Mar. 13.
Cutting tool. G. S. Chapman. 2,381,485; Aug. 7.
Cutting tool. E. L. Lawson and R. V. Stegman. 2,379,307; June 26.
Cutting tool. A. W. Rial. 2,371,708; Mar. 20.
Cutting weft thread ends projecting from the fabric, Method and device for. A. Moessinger. 2,389,809; Nov. 27.

Cyanamide reactions products, Production of. R. C. Swain and J. H. Paden. 2,371,480; Mar. 13.
Cyanide, Producing sodium. D. B. Pall. 2,387,287; Oct. 23.
Cyanides by double decomposition, Preparation of alkaline earth metal. L. J. Christmann and A. G. Houpt. 2,366,436; Oct. 9.
Cyanides, Making alkali metal. W. H. Hill. 2,381,285; Aug. 7.
Cyanides, Producing alkaline earth metal. L. J. Christmann and A. G. Houpt. 2,366,435; Oct. 9.
Cyanoaldehydes and their preparation, Unsaturated. H. A. Bruson and T. W. Riener. 2,370,006; Feb. 20.
Cyanoethyl cellulose, Preparation of. R. C. Houtz. 2,375,847; May 15.
Cyanoethylation of ketones. H. A. Bruson. 2,386,736; Oct. 9.
Cyanohydrins, Acetylation of. H. Z. Lecher and J. K. Dixon. 2,383,137; Aug. 21.
Cyanometadioxanes. E. Arundale. 2,384,268; Sept. 4.
Cyanomethyl cinnamates. D. T. Mowry. 2,380,063; July 10.
Cyanomethyl crotonates. D. T. Mowry. 2,380,062; July 10.
Cyanomethyl esters of dicarboxylic acids. D. T. Mowry. 2,380,061; July 10.
Cycle Coaster. J. W. McCormack. 2,370,477; Feb. 27.
Cycle controlled switching device. C. G. Roper. 2,370,686; Mar. 6.
Cycle Endless crawler tread. A. Landy. 2,373,316; Apr. 10.
Cycle lock. D. Lippow. 2,366,863; Jan. 9.
Cycle timer, Variable. R. H. Long. 2,382,078; Aug. 14.
Cyclic diamine, Basic acylated. M. De Groote, B. Keiser, and C. M. Blair, Jr. 2,369,817; Feb. 20.
Cyclic ketones, Production of. C. R. Wagner. 2,386,372; Oct. 9.
Cyclic organosilicon compounds. W. I. Patnode and R. W. Schiessler. 2,381,002; Aug. 7.
Cyclic process for producing alkali metal ferrocyanides. H. A. Gollmar and H. J. Meredith. 2,378,403; June 19.
Cyclic system for the manufacture of cuproammonium rayon and for the recovery of chemicals. W. H. Furness. 2,370,156; Feb. 27.
Cyclohexane from petroleum, Production of. D. L. Fuller and B. S. Greensfelder. 2,373,673; Apr. 17.
Cyclohexane, Preparation of. M. D. Peterson. 2,373,501; Apr. 10.
Cyclohexene production. H. H. Voge. 2,385,555; Sept. 25.
Cyclohexenyl alkylamines. G. E. Ullyot. 2,367,546; Jan. 16.
Cyclone separator. J. F. Vogt. 2,385,745; Sept. 25.
Cycloparaffin production. W. E. Ross and P. Pezzaglia. 2,382,445–6; Aug. 14.
Cycloparaffin production. W. E. Ross and P. Pezzaglia. 2,385,543; Sept. 25.
Cyclopentanone, Preparation of. J. H. Boyd, Jr. 2,371,794; Mar. 20.
Cyclopentanone, Production of. F. E. Frey. 2,377,412; June 5.
Cyclopentenone derivatives, Manufacturing. H. Hunsdiecker. 2,387,587; Oct. 23.
Cylinder. E. G. Jordan. 2,384,309; Sept. 4.
Cylinder adjusting device. L. A. Paradise and A. W. Oehler. 2,376,618; May 22.
Cylinder, Brake. S. G. Down. 2,383,241; Aug. 21.
Cylinder, Compressed gas. H. H. Needham. 2,374,771; May 1.
Cylinder construction. C. E. Sorensen and C. W. Van Ranst. 2,378,045; June 12.
Cylinder, Cradle operating. D. Wertman and F. Warlick. 2,382,457; Aug. 14.
Cylinder for internal-combustion engines. H. Steiner. 2,383,626; Aug. 28.
Cylinder for printing presses. R. P. Willard. 2,375,603; May 8.
Cylinder, Garnett. W. F. Bokum. 2,388,631; Nov. 6.
Cylinder head of internal-combustion engines. F. M. Aspin. 2,387,972; Oct. 30.
Cylinder heads and blocks, Repairing cracked. E. B. Sherman. 2,369,415; Feb. 13.
Cylinder heads, Forging. C. A. Brauchler. 2,390,867; Dec. 11.
Cylinder liner and cylinder. F. M. Aspin and F. Ellinghouse. 2,387,971; Oct. 30.
Cylinder lock. J. C. Bartho. 2,370,708; Mar. 6.
Cylinder lock. H. W. Brooks. 2,378,976; June 26.
Cylinder lock. T. H. Johnstone. 2,391,834; Dec. 25.
Cylinder lock. P. W. Olson. 2,375,682; May 8.
Cylinder lock. A. Suter. 2,390,471; Dec. 4.
Cylinder, Master. J. G. Hawley. 2,373,679; Apr. 17.
Cylinder, Master. R. D. Lacoe, Jr. 2,377,017; May 29.
Cylinder, piston and crankshaft arrangement. W. M. Allison. 2,382,280; Aug. 14.
Cylinder, Removable core. T. H. Johnstone. 2,370,862; Mar. 6.
Cylinder, Removable core. T. H. Johnstone. 2,391,832–3; Dec. 25.
Cylinders, Dynamically balancing. R. B. Jenkins. 2,386,470; Oct. 9.
Cylinders, Improving the stress distribution in multilayer high pressure. T. M. Jasper. 2,372,723; Apr. 3.
Cylindrical container. W. A. Ringler. 2,372,740; Apr. 3.
Cylindrical container and the like. W. A. Ringler. 2,389,457; Nov. 20.
Cymbal-beating toy. E. Nudelman. 2,376,614; May 22.
Cysteine and glutathione, Preparation of. L. Rapkine. 2,376,186; May 15.
D-psicose, Manufacture of. L. Sattler. 2,377,653; June 5.
Dagger stop. A. Maurer. 2,391,726; Dec. 25.
Dam structure, Concrete. H. Sorensen. 2,375,143; May 1.
Dampening mechanism for printing presses. G. A. Iler. 2,389,730; Nov. 27.
Dampener, Pulsation. S. Kahn. 2,370,965; Mar. 6.
Damper and shutter for regulating the passage of a medium. D. Dalin. 2,391,010; Dec. 18.
Damper construction. S. H. Chapman and A. F. Schultz. 2,373,166; Apr. 10.
Damper construction. W. S. Smith. 2,390,227; Dec. 4.
Damper control, Stoker. H. E. Malone. 2,385,822; Oct. 2.
Damper for flexional vibrations. G. A. Rubissow. 2,370,880; Mar. 6.
Damper for open fire places, Chimney. A. S. Greth. 2,384,249; Sept. 4.
Damper for suspended wires and cables, Vibration. F. E. Leib and H. R. Wilbur. 2,374,823; May 1.
Damper for the torsional vibrations of coaxially revolving shafts, Universal. R. Matteucci. 2,369,679; Feb. 20.
Damper, Vibration. G. A. Rubissow. 2,379,255; June 26.
Damper, Vibration. W. F. Bankauf. 2,380,013; July 10.
Damper, Vibration. F. R. McFarland. 2,380,770; July 31.
Damper, Vibration. F. R. McFarland. 2,383,400; Aug. 21.
Damping device. B. Cooper. 2,368,002; Jan. 23.
Damping device, Wave. W. G. Billé. 2,382,393; Aug. 14.
Damping suspension, Vibration. H. J. Seidel and A. Weller. 2,369,077; Feb. 6.
Damping swiveling oscillations in caster wheels. A. E. J. Bishop. 2,367,993; Jan. 23.
Darning machine. J. and L. T. J. Page. 2,385,936; Oct. 2.
Data file, Comparative. R. J. L. Lee. 2,368,226; Jan. 30.
Data storing device and data selecting means therefor. W. Leathers and H. Paniselidi. 2,385,007; Sept. 18.
Date finder unit. E. L. Turnbaugh. 2,382,754; Aug. 14.
Dater, Play. W. P. Sheram. 2,368,167; Jan. 30.
Davenport, Convertible. M. K. Cooper. 2,367,266; Jan. 16.
Davit for lifeboats, Tipping gravity. A. Pampinella. 2,385,841; Oct. 2.
Davit, Lifeboat. F. C. Simonds. 2,366,812; Jan. 9.
Daylight floating smoke signal. R. C. Hitt. 2,366,261; Jan. 2.
Dead centerless crank gear. G. Marquet. 2,391,725; Dec. 25.
Degerating feed-water heater. J. F. Sebald. 2,388,344; Nov. 6.
Deburring machine. R. M. Schmitz. 2,377,108; May 29.
Deburring machine. H. Schulz. 2,385,474; Sept. 25.
Decalcomania. A. Bihr. 2,374,323; Apr. 24.
Decapper, Egg. H. O. Koch. 2,391,169; Dec. 18.
Decarbonization of water. J. D. Walker. 2,366,945; Jan. 9.
Decelerating means. T. H. Sarchet. 2,375,443; May 8.
Decelerator. E. Olson. 2,386,340; Oct. 9.
Decelerator. E. Olson, B. Beard, and S. M. Udale. 2,378,319; June 12.
Deceleremeter, Electric. P. L. Crittenden. 2,381,211; Aug. 7.
Deck. E. M. Wichert. 2,375,454; May 8.
Deck. E. M. Wichert. 2,376,989; May 29.
Deck, Portable. G. G. Greulich. 2,369,733; Feb. 20.
Deck tread, Nonsparking. F. M. McGeary and T. A. Werkenthin. 2,373,698; Apr. 17.
Decking and the like, Bridge. J. R. Wilks. 2,382,761; Aug. 14.
Decoding relay system. F. X. Rees. 2,390,666; Dec. 11.
Decoding system. M. H. Loughridge. 2,387,850; Oct. 30.
Decorated material, Producing. E. C. V. Oldofredi. 2,370,186; Feb. 27.
Decorating machine, Dinnerware. G. B. Guthrie. 2,367,722; Jan. 23.
Decorating machine. J. H. Keller and C. E. Fahnert. 2,372,089; Mar. 20.
Decorating machine. P. Wensel, H. L. Whisner, and R. H. Rugh. 2,383,947; Sept. 4.
Decoration of surfaces with luminiscent materials. T. S. Reese. 2,375,177; May 1.
Decorative article and making same. A. Rosenthal. 2,377,042; May 29.
Decorative effects in polystyrene moldings. R. R. Bradshaw. 2,383,765; Aug. 28.
Decorative material and applying the same. J. Rosenfeld. 2,371,318; Mar. 13.
Decorative product and producing the same. J. W. Kemmler and E. R. Erb, Jr. 2,374,940; May 1.
Decorative surfaces, Manufacture of. H. E. Walter. 2,369,092; Feb. 6.
Decorticating. C. J. Delegard and R. Kreutz. 2,383,778; Aug. 28.
Decorticating apparatus for grain. E. Moresco. 2,386,493; Oct. 9.
Decorticating machine, Green. J. M. Dempsey. 2,375,287; May 8.

Decoupling unit. J. E. Keister. 2,368,474; Jan. 30.
Deep well pump. D. Johnston. 2,384,173; Sept. 4.
Deep well pump. C. S. Nation. 2,370,413; Feb. 27.
Deep well pump. G. F. Wisilcenus. 2,387,377; Oct. 23.
Defeathering fowls, Method and apparatus for. S. S. Barker. 2,389,404; Nov. 20.
Deflector for bottle fillers, Condensate. A. J. Lippold. 2,389,672; Nov. 27.
Deflector for electric fans, Air. I. M. Silverberg. 2,371,360; Mar. 13.
Deflector, Oil and grease. L. R. Fish and C. F. Wiegman. 2,377,770; June 5.
Deflector for shot holes, Spray. S. D. Rogers, P. J. Rudolph, and W. L. Crawford. 2,387,770; Oct. 30.
Defoliating. R. E. Torley. 2,368,274; Jan. 30.
Defoliating growing plants. R. E. Torley. 2,368,601; Jan. 30.
Defoliation of plants. R. E. Torley. 2,368,275; Jan. 30.
Defoliation, Plant. R. E. Torley. 2,368,276; Jan. 30.
Defroster and drier, Universal automotive vehicle windshield. L. V. Villani. 2,389,704; Nov. 27.
Defroster, Windshield. M. Mayer. 2,381,767; Aug. 7.
Defrosting device for goggles. B. Willner. 2,380,353; July 10.
Degasser for internal-combustion engines. M. Mallory. 2,390,603–4; Dec. 11.
Degreasing apparatus. J. G. Woppman, H. H. Hummel, and A. J. Newman. 2,366,949; Jan. 9.
Degreasing process. A. G. Aitchison and W. H. Petering. 2,371,645; Mar. 20.
Degreasing process. W. H. Petering and A. G. Aitchison. 2,371,644; Mar. 20.
Degreasing process. W. H. Petering and A. G. Aitchison. 2,371,646–7; Mar. 20.
Dehorning paste applicator. O. Gereke. 2,388,321; Nov. 6.
Dehumidification. W. H. Carrier. 2,386,292; Oct. 9.
Dehumidification agents, Use of. W. A. La Lande, Jr. 2,388,616; Nov. 6.
Dehydrater for automobile bodies, Rear window. G. Ray. 2,384,769; Sept. 11.
Dehydrating apparatus. B. F. Lundy. 2,386,052; Oct. 2.
Dehydrating method and apparatus. W. A. Patrick, Jr., and J. D. Elder. 2,390,167; Dec. 4.
Dehydrating organic solvents, petrols, oils, and the like. R. J. Browne. 2,378,281; June 12.
Dehydrating process. M. Shoeld. 2,376,095; May 15.
Dehydrating substances, Method of and apparatus for. J. J. Mojonnier. 2,387,458; Oct. 23.
Dehydrating tar. E. L. Hall and H. R. Batchelder. 2,366,899; Jan. 9.
Dehydrating wet oil, tar, and the like, Method and apparatus for. E. J. Burrough. 2,368,089; Jan. 30.
Dehydrator. G. A. Larson. 2,381,354; Aug. 7.
Dehydrator. J. O. Reed. 2,370,422; Feb. 27.
Dehydrating apparatus. W. J. Sholar. 2,380,555; July 31.
Dehydrating food concentrates. C. H. Eshbaugh, H. S. Mitchell, and L. S. Paddock. 2,385,068; Sept. 18.
Dehydrator. H. W. Woodward. 2,371,095; Mar. 6.
Dehydroaromatization, Multistage. E. T. Layng and D. E. Payne. 2,374,109; Apr. 17.
Dehydrogenation of hydrocarbons. V. N. Ipatieff and V. Haensel. 2,366,531; Jan. 2.
Dehydrogenation of hydrocarbons. W. A. Schulze, J. C. Hillyer and H. E. Drennan. 2,380,876; July 31.
Dehydrogenation of hydrocarbons. R. N. Meinert. 2,387,524; Oct. 23.
Deicing liquids to airfoil surfaces, Feeding. C. C. S. Le Clair. 2,386,125; Oct. 2.
Deicing means. B. Vonnegut. 2,385,662; Sept. 25.
Delay element for fuses. R. L. Graumann and M. W. Fischer. 2,381,900; Aug. 14.
Delayed trigger circuit. S. Sensiper and G. B. Andrews. 2,373,145; Apr. 10.
Delivery apparatus, Liquid. F. Smith. 2,388,093; Oct. 30.
Delivery control apparatus, Oil. C. J. May. 2,366,925; Jan. 9.
Delivery mechanism, Sheet. F. R. Belluche. 2,381,430; Aug. 7.
Demodulator device for frequency and amplitude modulation. E. H. Lange. 2,383,323; Aug. 21.
Demodulator for frequency and amplitude modulation. E. H. Lange. 2,382,015; Aug. 14.
Demonstration apparatus. R. J. Hearon. 2,390,706; Dec. 11.
Demonstration device, particularly for insurance purposes. N. B. Frick. 2,382,007; Aug. 14.
Demonstrator, Color combination. G. Snyder. 2,374,389; Apr. 24.
Demothing product. F. Y. Chuck. 2,376,327; May 22.
Demountable tire tread. C. S. Ash. 2,369,768; Feb. 20.
Demulsifying and settling apparatus, Liquid. W. M. Mount. 2,388,796; Nov. 13.
Density control for classifiers, Automatic. C. Shapley, Jr. 2,376,825; May 22.
Dental engine accessory equipment. C. J. Henschel. 2,390,710; Dec. 11.
Dental equipment stand. R. C. Angell. 2,371,597; Mar. 20.
Dental equipment stand. R. C. Angell. 2,373,442; Apr. 10.
Dental X-ray film identifier. F. J. Stadler. 2,390,397; Dec. 4.
Dental floss. A. A. Stonehill. 2,381,142; Aug. 7.
Dental floss holder. J. P. Bell. 2,376,750; May 22.
Dental floss holder. A. L. Peterson. 2,375,686; May 8.
Dental floss holder. J. and H. Turenchalk. 2,384,712; Sept. 11.
Dental hand piece. R. Gallay. 2,367,719; Jan. 23.
Dental handpiece. N. Rayne. 2,368,324; Jan. 30.
Dental handpiece. J. Wahlberg. 2,376,294–5; May 15.
Dental hydrocolloid conditioning apparatus. M. J. Thompson. 2,379,504; July 3.
Dental impression band removing tool. W. W. Baade. 2,375,512; May 8.
Dental instrument. P. Brooks. 2,366,767; Jan. 9.
Dental liner. S. Rogover. 2,377,041; May 29.
Dental matrix retainer. C. S. Ivory. 2,374,750; May 1.
Dental plate container. S. Gordon. 2,375,645; May 8.
Dental surgical instrument. G. A. Montelius. 2,366,671; Jan. 2.
Dental surveying instrument. C. J. Ringle, G. H. Hiatt, and R. W. Smith. 2,376,384; May 22.
Dental tool sharpening device. C. A. Miller and S. L. Border. 2,391,260; Dec. 18.
Dentifrice and toothbrush container. P. G. Watt. 2,391,371; Dec. 18.
Denture. S. G. A. Dahl. 2,374,422; Apr. 24.
Dentures, Making. E. H. Gale. 2,367,767; Jan. 23.
Depicting device. P. A. Chadwell. 2,385,347; Sept. 25.
Depilatory pad. M. Gotham. 2,377,774; June 5.
Depositor for dough molders, Workpiece. E. O. Engels. 2,391,691; Dec. 25.
Deposits, Prospecting for buried. E. McDermott. 2,371,637; Mar. 20.
Depth ascertaining means, Liquid. D. H. Bierman. 2,368,589; Jan. 30.
Depth charge projector. C. P. Caulkins. 2,380,023; July 10.
Depth gauge. G. H. Eriksson. 2,375,982; May 15.
Depth gauge. J. T. Rakauskas. 2,373,338; Apr. 10.
Derivatives of acylated polyamines and making same, Certain subresinous esterification. M. De Groote and B. Keiser. 2,381,576; Aug. 7.
Derivatives of α,-dihydroxy-β,β-dimethyl-butyric acid and process for the manufacture of same. Y. Reichstein. 2,377,105; May 29.
Derivatives of aminobenzene sulphonamides. G. F. D'Alelio and J. J. Pyle. 2,388,529; Nov. 6.
Derivatives of β-(3-hydroxycyclopentanopolyhydrophenanthrene)-α,α-butyrolactones. R. C. Elderfield and F. C. Uhle. 2,386,783; Oct. 16.
Derivatives of camphene, Hydroxy acid. C. O. Henke. 2,382,313; Aug. 14.
Derivatives of cashew nut shell oil, Aliphatic-ether-alcohol. R. F. McCleary. 2,384,323; Sept. 4.
Derivatives of 5-amino-1, 3-dioxanes, and making same. M. De Groote. 2,384,605–6–7; Sept. 11.
Derivatives of fluorene carboxylic acids. G. Rieveschl, Jr., and F. E. Ray. 2,377,040; May 29.
Derivatives of 4:4'-diaminodiphenylsulphones and making same. M. Hartmann and J. Druey. 2,376,430; May 22.
Derivatives of hydroxylated acylated diamides and making same, Subresinous esterification. M. De Groote and B. Keiser. 2,384,080; Sept. 4.
Derivatives of hydroxylated amides and making same, Subresinous esterification. M. De Groote and B. Keiser. 2,381,577; Aug. 7.
Derivatives of ketonic compounds. M. L. Moore. 2,366,640; Jan. 2.
Derivatives of ketonic compound, Unsaturated. M. L. Moore. 2,366,641; Jan. 2.
Derivatives of morpholine and thiamorpholine, Preparing. G. F. D'Alelio and J. J. Pyle. 2,375,628; May 8.
Derivatives of nitroethylene, Production of. A. E. W. Smith. 2,385,037; Sept. 18.
Derivatives of saturated and unsaturated androstanediols-(3:17). L. Ruzicka and A. Wettstein. 2,387,469; Oct. 23.
Derivatives of sulphonated amines and preparing same. C. Graenacher, P. Streuli, and J. Meyer. 2,376,911; May 29.
Derivatives of the 2-alkyl-1,4-naphthoquinone. M. Bockmühl, O. Schaumann, E. Bartholomäus and H. Leditschke. 2,372,655; Apr. 3.
Derrick. A. Cibulka. 2,381,647; Aug. 7.
Derrick. F. T. Clifford. 2,373,743; Apr. 17.
Derrick, Rotatable. O. L. Berby and R. P. Fox. 2,374,074; Apr. 17.
Derrick structure. P. R. Nagle. 2,386,494; Oct. 9.
Derrick structure. W. B. Woody and M. G. Scott. 2,390,284; Dec. 4.
Desiccating agent. S. V. Cook and C. E. Waring. 2,388,390; Nov. 6.
Desiccating apparatus. D. C. Pfeiffer and J. M. Hill. 2,374,232; Apr. 24.
Desiccation of citrus fruit juices. E. W. Flosdorf. 2,380,036; July 10.
Designing set, Garment style. M. K. Muggy and J. de Jong. 2,384,330; Sept. 4.
Desk. I. R. Cornish. 2,386,092; Oct. 2.
Desk. I. Salomon. 2,375,441; May 8.
Desk appliance. F. Riggio. 2,370,372; Feb. 27.
Desk lamp. R. Weir. 2,371,861; Mar. 20.
Desk set, Magnetic. K. Parker. 2,386,500; Oct. 9.

Desk, Typewriter. W. J. Bargen. 2,369,127; Feb. 13.
Desk with typewriter attachment. M. H. Raggio. 2,384,045; Sept. 4.
Desk with typewriter carrier. M. Fox. 2,372,718; Apr. 3.
Destructor. C. A. Potter. 2,376,938; May 29.
Desuperheater. A. J. Wegmann. 2,384,511; Sept. 11.
Detachable coupling. A. W. Miller. 2,383,010; Aug. 21.
Detachable clip fastener. G. W. Pheasey. 2,366,456; Jan. 2.
Detachable frameless screen. H. P. Richards. 2,379,747; July 3.
Detachable port cover. R. Funk. 2,391,407; Dec. 25.
Detachable toilet paper holder. M. Dessaur. 2,374,586; Apr. 24.
Detaching motion. S. H. Helland. 2,382,481; Aug. 14.
Detecting device, Tack. C. G. Hilton. 2,385,271; Sept. 18.
Detecting device, Wheel-slip. G. K. Newell. 2,381,225; Aug. 7.
Detecting faulty electrolytic cell operation. R. J. McNitt. 2,374,762; May 1.
Detecting flaws in rails, Method and apparatus for. R. E. Frickey and C. W. McKee. 2,388,683; Nov. 13.
Detection and control system, Frequency and phase comparison. G. L. Usselman. 2,387,544; Oct. 23.
Detector and converter, Frequency modulation. R. B. Albright. 2,378,819; June 19.
Detector, Electrical ground. W. G. Cook. 2,390,778; Dec. 11.
Detector, Fire. N. J. Smith. 2,373,856; Apr. 17.
Detector for looms, Electrical weft. R. G. Turner. 2,384,979; Sept. 18.
Detector, Heat. L. F. and E. C. Obermeyer. 2,374,123; Apr. 17.
Detector, Sheet. H. Bobst. 2,373,222; Apr. 10.
Detector, Smoke. L. A. Hawkins. 2,369,966; Feb. 20.
Detector, Square-law. C. G. Sontheimer. 2,387,472; Oct. 23.
Detector system for very short electric waves. R. S. Ohl. 2,378,944; June 26.
Detector system, Seismic. E. McDermott. 2,375,570; May 8.
Detention window. H. G. Pillsbury. 2,385,585; Sept. 25.
Detergents, Alkaline. C. Schwartz. 2,391,647; Dec. 25.
Detergent composition. L. H. Flett. 2,374,187; Apr. 24.
Detergent composition. W. C. Gangloff. 2,386,106; Oct. 2.
Detergent composition. J. K. Gunther. 2,385,075; Sept. 18.
Detergent composition. L. F. Hoyt. 2,374,544; Apr. 24.
Detergent composition. A. S. Richardson. 2,383,737; Aug. 28.
Detergent composition. A. S. Richardson and W. H. McAllister. 2,383,738; Aug. 28.
Detergent composition. E. D. Snell. 2,376,096; May 15.
Detergent composition. N. B. Tucker. 2,383,525–6; Aug. 28.
Detergent composition. N. B. Tucker. 2,383,739–40; Aug. 28.
Detergent composition. T. E. De Villiers. 2,383,114; Aug. 21.
Detergent composition, Nonalkaline. E. A. Vitalis. 2,373,863; Apr. 17.
Detergent composition, Producing a. J. J. Spiegler. 2,367,971; Jan. 23.
Detergent composition and making same. L. H. Flett. 2,387,572; Oct. 23.
Determining and recording the stresses in wire ropes, chains, etc. H. Hitchen. 2,390,304; Dec. 4.
Determining positions in space. H. Eggers. 2,387,569; Oct. 23.
Determining the ground speed and/or course of aircraft, Method of and apparatus for. L. de Forest. 2,391,554; Dec. 25.
Detinning. J. P. A. McCoy. 2,386,970; Oct. 16.
Detonating device. J. Imber. 2,382,879; Aug. 14.
Detonating explosives in deep wells or the like, System for. F. I. Alexander. 2, 390,676; Dec. 11.
Detonating tube. C. R. Johnson. 2,380,312; July 10.
Detoxicant. G. J. Martin and M. R. Thompson. 2,366,742; Jan. 9.
Developers containing silver halide solvents. L. M. Dearing and C. H. Guell. 2,371,740; Mar. 20.
Developing and poultry cage, Chick. R. H. Scott. 2,369,316; Feb. 13.
Developing apparatus. F. R. Brick. 2,385,681; Sept. 25.
Device adopted for detachably coupling to eye-glasses for protecting the lenses. L. D'Urbano. 2,380,638; July 31.
Device for aerating and dispensing liquid products. E. R. Hacmac. 2,376,052; May 15.
Device for aiding night vision. D. Gordon. 2,374,991; May 1.
Device for aligning glasses on a bar. W. S. MacRae. 2,373,322; Apr. 10.
Device for alternating electric circuits. F. C. Grimm, Sr. 2,374,152; Apr. 17.
Device for applying and removing nuts. C. A. Koza. 2,366,859; Jan. 9.
Device for applying viscous liquids. R. K. Fraser. 2,376,243; May 15.
Device for arranging articles on conveying means. H. O. and O. C. Niederer. 2,383,270; Aug. 21.
Device for automatic braking in lowering of objects, such as boat tackles. J. Olsson and N. E. Lundin. 2,386,137; Oct. 2.
Device for automatically preventing motor vehicles from rolling back on grades. A. J. Russell. 2,379,829; July 3.
Device for autonomous aerial torpedoes, Catapult. R. Alkan and A. Costa de Beauregard. 2,390,677; Dec. 11.
Device for bending coil convolutions. W. A. Zahutnik. 2,387,380; Oct. 23.
Device for binding. H. Einzig. 2,388,960; Nov. 13.
Device for canteens, Heating. J. H. Pearson. 2,386,501; Oct. 9.
Device for clamping members to shafts. M. Piot. 2,390,168; Dec. 4.
Device for collecting filamentary material. R. J. Taylor. 2,386,411; Oct. 9.
Device for computing compound angles. J. M. Petrov. 2,380,070; July 10.
Device for connecting sheet metal members. G. Heim. 2,376,692; May 22.
Device for controlling electric circuits. C. O. Wood. 2,366,305; Jan. 2.
Device for controlling the opening and closing of a variable shutter for cinematographic photographing apparatus. R. Widmer. 2,376,301; May 15.
Device for controlling the shutter with a variable opening of cinematographic photographing apparatus. R. Widmer. 2,376,300; May 15.
Device for controlling the tension in the yarns being wound upon a beam in a warping or beaming plant. H. Hartung. 2,371,620; Mar. 20.
Device for creating, testing, and measuring stereopsis. L. D. Isaacson. 2,371,999; Mar. 20.
Device for cutting linoleum and the like. G. H. Callaghan. 2,383,368; Aug. 21.
Device for cutting sponge rubber or the like. F. G. Pierce and A. H. DeGroote. 2,380,787; July 31.
Device for defining the base lines on the human body for taking the measure. L. von Düniken and J. Geisser. 2,385,746; Sept. 25.
Device for detecting formation of ice on airplane wings. A. S. Patterson. 2,371,259; Mar. 13.
Device for determining the condition of a well bore from an etched acid bottle. F. J. Spang. 2,373,061; Apr. 3.
Device for determining the volume of gas or liquid in a receptacle. T. Helleberg and S. Malmström. 2,378,849; June 19.
Device for determining the volume of gas or liquid in receptacles. T. Helleberg and S. Malmstrom. 2,381,821; Aug. 7.
Device for directing and calculating apparatus. K. Papello. 2,384,043; Sept. 4.
Device for divided solid materials, Spraying. E. W. Vose. 2,391,048; Dec. 18.
Device for dressing grinding wheels and the like. J. Y. Blazek. 2,374,726; May 1.
Device for electric resistance welding. G. Hagedorn. 2,382,711; Aug. 14.
Device for eliminating backlash. G. A. Carroll. 2,385,194; Sept. 18.
Device for eliminating wear on brake beam heads. A. L. Prentice. 2,377,371–2; June 5.
Device for expelling the contents of collapsible tubes. C. J. Campfens and H. Dalstra. 2,379,475; July 3.
Device for exterminating rats, etc. P. J. Coates. 2,371,152; Mar. 13.
Device for feeding machines for packing tubular products. G. Bardet. 2,376,651; May 22.
Device for feeding pinion blanks. B. Rosengren. 2,389,083; Nov. 13.
Device for forming containers of flexible material. R. E. MacDonald. 2,385,147; Sept. 18.
Device for gasoline or oil gauges, Safety. D. Samiran. 2,385,382; Sept. 25.
Device for golf putting, Practice. H. A. Kling. 2,383,866; Aug. 28.
Device for grinding the pistons and measuring chambers of water meters. F. B. Simpson. 2,374,784; May 1.
Device for gyroscopes, Magnetic erection. R. Haskins, Jr., O. E. Esval, and R. S. Curry, Jr. 2,390,532; Dec. 11.
Device for holding articles in suspension. J. V. Fugazzi. 2,377,488; June 5.
Device for holding inner tubes. G. M. Anderson. 2,384,803; Sept. 18.
Device for holding tension test bars. J. C. Crocker. 2,380,027; July 10.
Device for honing spiral grooves. J. E. Kline and C. S. White. 2,380,317; July 10.
Device for injecting viscous materials. J. A. Murnane. 2,373,774; Apr. 17.
Device for insertion into keyholes for obstructing same to prevent unauthorized entry. O. J. Lofqwist. 2,383,397; Aug. 21.
Device for installing and removing tubular lamps and the like. G. D. Graumlich. 2,388,137; Oct. 30.
Device for interchanging bows or ornaments on shoes. E. Z. Lipari. 2,391,429; Dec. 25.
Device for internal-combustion engines, Controlling or regulating. G. Wilnsch. 2,390,143; Dec. 4.
Device for locking hunting knives in their scabbards. G. E. Housinger. 2,391,574; Dec. 25.

Device for locking the platens of typewriters. J. P. Camzi. 2,386,655; Oct. 9.
Device for magnetic control of a discharge. H. M. Strobel. 2,381,317; Aug. 7.
Device for maintaining a fixed bias. O. I. Thompson. 2,375,877; May 15.
Device for making fabrics on gripper looms. A. Moessinger. 2,389,808; Nov. 27.
Device for making paper pulp containers, Former. R. E. MacDonald. 2,377,298; May 29.
Device for making rosettelike articles. H. Cottrell. 2,381,337; Aug. 7.
Device for making screw threads. A. Schutte. 2,376,727; May 22.
Device for manipulating contact lenses. E. W. Eweson. 2,379,629; July 3.
Device for measuring and dispensing liquid. G. C. White. 2,368,735; Feb. 6.
Device for measuring low direct voltages. C. Dorsman. 2,372,062; Mar. 20.
Device for measuring peak currents. C. W. Hansell. 2,378,846; June 19.
Device for measuring pressures exerted by certain body portions on a support therefor. A. W. Schenker. 2,378,039; June 12.
Device for measuring specific volume. R. Guyer and G. G. Johnston. 2,373,026; Apr. 3.
Device for measuring vertical angular deviation. E. H. Land. 2,372,991; Mar. 20.
Device for obtaining juice by means of steam. T. A. Johnsson. 2,368,141; Jan. 30.
Device for overcoming effects of shocks. F. G. Logan. 2,385,292–3; Sept. 18.
Device for parking airplanes. F. R. Wood. 2,391,608; Dec. 25.
Device for polishing locomotive crank pins. H. E. Klingleesmith. 2,382,642; Aug. 14.
Device for positioning colorimeter cells. D. S. Stevens. 2,391,076; Dec. 18.
Device for power-driven butterfly valves, Declutching. D. W. Hopkins. 2,390,882; Dec. 11.
Device for pressure vessels, Safety. G. Raymond. 2,387,353; Oct. 23.
Device for printing fabrics. B. Sonnino. 2,371,930; Mar. 20.
Device for producing successive electrical impulses. P. L. Spencer. 2,375,830; May 15.
Device for protecting ships against torpedoes. A. J. Sinchuk. 2,373,424; Apr. 10.
Device for pulling steel pins. S. A. Howerton. 2,376,251; May 15.
Device for receiving, retaining, and releasing articles. R. A. Smith. 2,388,221; Oct. 30.
Device for rectifying the involute tooth-profile of gear grinding disks. A. Aeppli. 2,376,109; May 15.
Device for recovering a radiation source. A. Wolf and G. Herzog. 2,382,279; Aug. 14.
Device for regulating the delivery of reciprocating compressors. F. Vollmer. 2,379,667; July 3.
Device for regulating internal-combustion engines. F. Gosslau, J. Schmidt, and W. Zarnack. 2,382,707; Aug. 14.
Device for regulating pressure in machine rollers. G. Babics. 2,381,712; Aug. 7.
Device for regulating the height of masher arms. R. C. Schock. 2,382,264; Aug. 14.
Device for reinking typewriter ribbons. D. H. Hurlbut. 2,366,907; Jan. 9.
Device for releasably securing plates or tools to platen presses. H. Bobst and J. Kury. 2,382,600; Aug. 14.
Device for relieving cutters. A. J. England. 2,368,011; Jan. 23.
Device for removing and applying chain links. O. Hage. 2,379,001; June 26.
Device for removing casings from truck wheels. W. L. Smith and L. C. Alford. 2,375,956; May 15.
Device for reproducing recorded communications. B. A. Proctor. 2,366,458; Jan. 2.
Device for shaping metal sheets. B. Lermont and A. M. Wolf. 2,378,413; June 19.
Device for securing stair carpet and analogous uses. J. Smart. 2,390,851; Dec. 11.
Device for securing tool heads on handles. A. E. Hindle. 2,377,150; May 29.
Device for severed horns, Protective. T. F. Doyle. 2,369,219; Feb. 13.
Device for sewing machines, Lubricating. F. Parry. 2,385,299; Sept. 18.
Device for sewing machines, Stop motion. E. Vossen. 2,387,369; Oct. 23.
Device for sewing machines, Stop motion. E. Vossen. 2,387,958; Oct. 30.
Device for shaker conveyers, Self-loading. J. H. Holstein. Re. 22,703; Dec. 11.
Device for slicing edibles. H. G. W. Young. 2,376,843; May 22.
Device for splicing webs. O. C. Roesen. 2,386,345; Oct. 9.
Device for visual training. G. E. Hamilton. 2,387,442; Oct. 23.
Device for solid fuels rich in gases, Combustion. P. A. Åstradsson. 2,367,165; Jan. 9.
Device for starting and feeding electric discharge tubes. J. Lecorguillier. 2,373,402; Apr. 10.
Device for stirring melts. H. Bernstorff and A. Allendörfer. 2,390,052; Dec. 4.
Device for straightening freight car ends and the like. P. G. Stultz. 2,371,659; Mar. 20.
Device for television systems, Monitoring. T. T. Goldsmith, Jr. 2,391,090; Dec. 18.
Device for testing coins. W. Hatton. 2,390,147; Dec. 4.
Device for testing crystals. C. H. Suydam. 2,375,260; May 8.
Device for testing electrical condensers. A. E. Drobish and R. A. Kay. 2,390,784; Dec. 11.
Device for testing rubber gloves. J. J. Fields. 2,370,945; Mar. 6.
Device for testing the compression characteristics of sheet metals. D. S. Wolford and H. La Tour. 2,384,411; Sept. 4.
Device for the construction of tight flange joints in lined apparatus. C. Theller. 2,383,089; Aug. 21.
Device for the construction or determination of angles. E. P. Elston. 2,376,315; May 15.
Device for the generation of pressure in presses. R. Frick. 2,378,764; June 19.
Device for the obscuring of windows. J. H. Woodward. 2,375,457; May 8.
Device for the operation of the controls of airplanes. R. A. A. Couzinet. 2,383,845; Aug. 28.
Device for the protection against the formation of ice. J. G. L. Duval. 2,369,886; Feb. 20.
Device for throwing missiles such as hand grenades. J. W. Clark. 2,378,187; June 12.
Device for trailers, Supporting. E. O. Dellbringge. 2,376,478; May 22.
Device for treating filamentary material. C. de Brabander. 2,390,572; Dec. 11.
Device for treating storage battery cell covers. O. O. Rieser. 2,391,478; Dec. 25.
Device for turning over small objects in large quantities. S. P. Vaughn. 2,370,698; Mar. 6.
Device for unreeling the strand material in winding machines. W. Siegenthaler. 2,370,922; Mar. 6.
Device for use in connection with ash trays for cigarettes. T. R. Lulham. 2,374,442; Apr. 24.
Device for use in zeroing dummy rifles and other dummy firearms used for training marksmen. Zygmunt de Lubicz-Bakanowski and F. J. Minns. 2,380,296; July 10.
Device for vehicles, Signal. C. W. Thornton. 2,382,832; Aug. 14.
Device for vehicles, Street indicating. H. C. Smith. 2,391,355; Dec. 18.
Device for vending machines, Protective. W. E. Richmond and J. W. Schultz. 2,378,868; June 19.
Device for vertically sliding window sashes, Friction. L. A. Macklanburg. 2,391,431; Dec. 25.
Device for winding strips of fabric material. G. Walker. 2,379,204; June 26.
Device in motor saws. C. G. Härd af Segerstad. 2,380,753; July 31.
Device or means for supporting the ropes or cables of aerial ropeways or the like. H. Holman. 2,378,081; June 12.
Device wherewith to set the points of beam-compasses and the like. A. S. McDonnell. 2,370,741; Mar. 6.
Devitalizing composition of matter. P. Müller. Re. 22,700; Dec. 4.
Dew point indicator. J. J. Turin. 2,376,209; May 15.
Dextrose, Polymerization of. G. J. Leuck. 2,375,564; May 8.
Dextrose, Production of. S. M. Cantor. 2,389,119; Nov. 20.
Diacetate, Preparing trans-quinitol. W. Nudenberg. 2,377,571; June 5.
Diagnostic and electrosurgical appliance. A. L. Sheiffele. 2,382,109; Aug. 14.
Diagnostic instrument. C. C. Boehm. 2,369,010; Feb. 6.
Dial combination for radio apparatus. J. Pierrel. 2,378,498; June 19.
Dial feed, Power-driven. R. A. Skriba, E. R. Miller, and F. M. Littell. 2,374,464; Apr. 24.
Dial, Illuminated. W. E. Overton. 2,381,924; Aug. 14.
Dial, Indicator. F. B. Brand. 2,378,975; June 26.
Dial indicator. R. W. Le Brun. 2,368,479; Jan. 30.
Dialkyl peroxides, Preparation of. R. H. Wiley. 2,369,096; Feb. 6.
Dials, Method of and apparatus for indexing. E. Penker. 2,372,389; Mar. 27.
Diamidines, Manufacture of. H. J. Barber. 2,375,740; May 8.
Diamine derivatives. J. E. Kirby and J. F. Lontz. 2,375,853; May 15.
Diamines, Secondary. W. R. Boon and A. R. Lowe. 2,387,873; Oct. 30.
Diamond cutting machine. J. W. Radu. 2,382,256; Aug. 14.
Diamond drill bit. J. D. MacFarlane. 2,371,698; Mar. 20.
Diamond holding tool. M. Rogos. 2,390,175; Dec. 4.
Diamond wheel dresser. S. M. Pollard and V. W. Windblad. 2,369,405; Feb. 13.
Diaphragm assemblage, Flexible. C. J. Sekera. 2,367,624; Jan. 16.
Diaphragm controlled operating unit. R. Avigdor. 2,376,892; May 29.

Diaphragm for film-displaying apparatus, Revoluble. E. Wurget. 2,379,129; June 26.
Diaphragm for pumps and the like, Deformable. N. Swindin. 2,372,302; Mar. 27.
Diaphragm operated valve. P. B. Drane. 2,389,720; Nov. 27.
Diaphragm pulsating apparatus for paper mill and pulp mill screens. F. Dustan. 2,368,291; Jan. 30.
Diaphragm pump. E. H. Herbert. 2,383,193; Aug. 21.
Diaphragm valve. G. H. Berkholder. 2,381,799; Aug. 7.
Diaphragm valve. O. Jacobsen. 2,381,544; Aug. 7.
Diaphragm valve. C. Mueser. 2,388,988–9; Nov. 13.
Diaryl hydrazines, Preparation of symmetrical. H. T. Lacey and R. E. Brouillard. 2,383,134; Aug. 21.
Diaryliamino trianthrimides. E. C. Buxbaum. 2,372,313; Mar. 27.
Diazo compounds, Stabilized. P. P. McClellan and W. P. Ericks. 2,369,307; Feb. 13.
Diazo-type sensitive material, Stabilized. M. K. Reichel. 2,374,553; Apr. 24.
Dibenzanthrone compounds, Manufacture of. E. T. Howell. 2,388,743; Nov. 13.
Dicarboxylic acid esters of high polymer polyhydroxy compounds, Manufacture of. C. J. Malm and La M. D. Bearden. 2,379,309; June 26.
Dichlorodiethyl ether-alkali metal polysulphide condensation products in pulverulent form, Preparing. H. Taylor. 2,390,853; Dec. 11.
Dictation machine. H. P. Clausen. 2,382,607; Aug. 14.
Dicyanoethyl acetoacetic acid compounds. H. A. Bruson. 2,383,444; Aug. 28.
Di-cyclohexyl amine salt of alkyl phosphoric acid. H. G. Smith and T. L. Cantrell. 2,387,538; Oct. 23.
Dicyclopentadiene to cyclopentadiene, Converting. A. L. Ward. 2,372,237; Mar. 27.
Die: *See*—
Closing die.
Combination rubber die.
Drawing die.
Forming die.
Porthole extrusion die.
Stamping die.
Tube forming die.
Die. K. R. Allen. 2,377,599; June 5.
Die. P. E. Brooks. 2,388,115; Oct. 30.
Die. R. L. Duckio. 2,367,490; Jan. 16.
Die. H. K. Egli. 2,388,838; Nov. 13.
Die. L. G. Freeman, Jr. 2,386,102; Oct. 2.
Die. A. R. Hedberg. 2,379,003; June 26.
Die. T. M. Lahr. 2,378,562; June 19.
Die. H. W. Martin. 2,377,351; June 5.
Die. C. G. Olson. 2,371,463; Mar. 13.
Die and ejector, Nut retainer. P. De Loe. 2,380,584; July 31.
Die and making same. J. S. Curtiss, Jr. 2,388,528; Nov. 6.
Die and stock therefor, Screw cutting. F. A. Lanfranconi. 2,373,556; Apr. 17.
Die-casting machine. A. R. Mills. 2,390,263; Dec. 4.
Die equalizer, Multiple. E. H. Fischer. 2,381,272; Aug. 7.
Die for coating fiber-insulated wire. R. H. Denham. 2,380,728; July 31.
Die for coating ribbon wire. R. L. Kierspe. 2,380,729; July 31.
Die for die-casting. H. W. Bartholomew. 2,366,475; Jan. 2.
Die for the manufacture of pen cases. O. Mayer. 2,377,166; May 29.
Die holder. F. Judge. 2,385,922; Oct. 2.
Die mount and making the same. J. Kurtz. 2,374,942; May 1.
Die press. C. W. Goodwin. 2,371,580; Mar. 13.
Die. Rope. H. Cantrell, T. Jackson, and W. Howarth. 2,366,503; Jan. 2.
Die set. L. Benedetto. 2,370,836; Mar. 6.
Die set, Self-contained. C. H. Tauser. 2,384,708; Sept. 11.
Die sheet metal flanging machine, Eccentric. H. V. Dettman. 2,384,284; Sept. 4.
Die stamping. G. E. Seiko. 2,373,060; Apr. 3.
Die stock. G. Roper. 2,388,290; Nov. 6.
Die stop for punch presses. S. Strobl. 2,377,824; June 5
Dies for aluminum sheet and the like, Stamping. R. Ammann. 2,384,229; Sept. 4.
Dies, Forming complementary concrete. J. H. Brown. 2,366,435; Jan. 2.
Dies, Mating. S. Milano. 2,371,061; Mar. 6.
Dies, Making preliminary shaping. L. E. Burger and J. B. Skinner. 2,383,706; Aug. 28.
Dielectric. S. Ruben. 2,378,160; June 12.
Dielectric composition, Liquid. R. L. Jenkins. 2,370,113; Feb. 20.
Dielectric composition, Stabilized. J. L. Hyde. 2,377,630; June 5.
Dielectric compositions. J. F. Hyde. 2,377,689; June 5
Dielectric material. F. M. Clark. 2,386,659; Oct. 9.
Diene hydrocarbons, Polymerization of conjugated. G. L. Browning, Jr., W. D. Stewart and B. M. G. Zwicker 2,380,403–5; July 31.
Diene hydrocarbons, Polymerization of conjugated. C. F Fryling. 2,380,428; July 31.
Diene polymerization. A. M. Borders, W. D. Wolfe, H. J. Osterhof, and C. W. Walton. 2,386,735; Oct. 9.
Diene reaction products and process. A. A. Miller and T. F. Bradley. 2,375,937; May 15.
Dienes, Manufacture of. B. H. Shoemaker. 2,376,988; May 29.
Dienes, Polymerization of. C. F. Fryling. 2,366,325; Jan. 2.
Dienes, Polymerization of conjugated. G. L. Browning, Jr. 2,376,337; May 22.
Dienes, Polymerization of conjugated. C. F. Fryling. 2,373,753; Apr. 17.
Dienes, Polymerization of conjugated. C. F. Fryling. 2,383,055; Aug. 21.
Dienes, Polymerization of conjugated. B. S. Garvey, Jr. 2,375,987; May 15.
Dienes, Production of. M. De Simo and R. M. Roberts. 2,391,555; Dec. 25.
Dienes, Production of. R. C. Morris and R. J. Moore. 2,386,135; Oct. 2.
Diesel electric drive and control system. T. O. Lillquist. 2,371,832; Mar. 20.
Diesel engine. G. A. Akerley. 2,377,200; May 29.
Diesel fuel. W. E. Vaughan and F. F. Rust. 2,378,341; June 12.
Diesel fuel and improving Diesel fuel ignition. G. O. Curme. 2,378,466; June 19.
Diesel fuels. W. H. Sowers. 2,380,341; July 10.
Diesel fuels, Production. G. H. Cloud. 2,366,490; Jan. 2.
Diesters, Hexide. S. Soltzberg. 2,387,842; Oct. 30.
Differential mechanism. F. H. Boor. 2,380,397; July 31.
Differential mechanism. F. D. Knoblock. 2,385,864; Oct. 2.
Differential, Self-locking. R. G. Le Tourneau. 2,387,301; Oct. 16.
Diffusion means for liquid storage tanks, Gas. S. T. Helseth and S. T. Fauver. 2,380,176; July 10.
Diffusion pump. J. R. O. Downing. 2,386,299; Oct. 9.
Diffusion pump. J. R. O. Downing and W. B. Humes. 2,386,298; Oct. 9.
Digger and harvester, Two-row potato. T. B. Stevens. 2,371,076; Mar. 6.
Digger and shaker, Peanut. B. and J. G. Mooney. 2,384,763; Sept. 11.
Digger attachment for tractors, Posthole. R. J. Piper. 2,384,557; Sept. 11.
Digger, Building foundation. M. M. Hickey. 2,384,466; Sept. 11.
Digger, Ditch. A. B. Roehr. 2,381,689; Aug. 7.
Digger, Peanut or potato. R. J. McClenny. 2,383,506; Aug. 28.
Digging implement. L. N. Walter. 2,371,563; Mar. 13.
Dihydrogenated-β-erythroidine and production thereof. K. Folkers and F. R. Koniuszy. 2,370,651; Mar. 6.
Dilatometer. C. F. Wetherbee. 2,380,565; July 31.
Dilator, Test. B. D. Smith. 2,368,576; Jan. 30.
Diluter for motor crank case lubricant. T. Gallo. 2,374,189; Apr. 24.
Diluter for motor crankcase lubricants. T. Gallo. 2,370,653; Mar. 6.
Dimers of 2-methyl-pentadiene and preparing the same. G. H. Morey. 2,368,068; Jan. 23.
Dimpling machine. T. H. Speller. 2,375,707; May 8.
Dining table. G. O. Thaxton. 2,382,183; Aug. 14.
Dinnerware lining machine. W. H. Emerson. 2,380,509; July 31.
Diolefin mono-sulphones, Decomposition of. F. E. Frey and H. J. Hepp. 2,380,832–3; July 31.
Diolefin production. F. E. Frey. 2,376,425; May 22.
Diolefin production. J. P. Jones. 2,376,059; May 15.
Diolefin recovery. J. E. Storment. 2,386,366; Oct. 9.
Diolefin recovery. I. L. Wolk. 2,386,379; Oct. 9.
Diolefines, Manufacture of. J. G. Allen. 2,387,731; Oct. 30.
Diolefins and vinyl benzenes, Production of. H. M. Singleton and T. B. McCulloch. 2,385,166; Sept. 18.
Diolefins, Concentrating. R. F. Robey and M. W. Swaney. 2,381,311; Aug. 7.
Diolefins from ethylene, steam, and calcium carbide, Preparing. C. H. Holder. 2,368,916; Nov. 13.
Diolefins from hydrocarbon mixtures, Selective extraction of. E. V. Fasce. 2,386,044; Oct. 2.
Diolefins in mixtures containing same, Concentrating. T. W. Evans, R. C. Morris and E. C. Shokal. 2,372,941; Apr. 3.
Diolefins, Manufacture of. H. J. Hepp. 2,391,158; Dec. 18.
Diolefins, Manufacture of. R. F. Ruthruff. 2,367,530; Jan. 16.
Diolefins, Polymerization of. W. A. Schulze and W. N. Axe. 2,371,849; Mar. 20.
Diolefins, Polymerization of. W. A. Schulze and W. N. Axe. 2,376,090; May 15.
Diolefins, Preparation of. N. H. Marsh. 2,389,205; Nov. 20.
Diolefins, Preparing. F. E. Frey. 2,376,426; May 22.
Diolefins, Preparing conjugated. H. S. Davis. 2,375,086; May 1.
Diolefins, Process and reagent for the separation of. G. H. Short and L. C. Morris. 2,386,274; Oct. 9.
Diolefins, Production of. T. W. Evans, R. C. Morris and N. C. Melchior. 2,379,697; July 3.
Diolefins, Production of. F. E. Frey. 2,371,817; Mar. 20.
Diolefins, Production of. G. W. Hearne. 2,379,708; July 3.

Diolefins, Production of. W. A. Schulze, J. C. Hillyer, and H. E. Drennan. 2,386,354; Oct. 9.
Diolefins, Production of. W. A. Schulze and L. C. Morris. 2,386,355; Oct. 9.
Diolefins, Production of. H. M. Singleton. 2,382,749; Aug. 14.
Diolefins, Production of. K. A. Wright. 2,385,484; Sept. 25.
Diolefins, Production of conjugated. J. L. Amos and F. J. Soderquist. 2,370,513; Feb. 27.
Diolefins, Production of low-boiling. J. P. Jones. 2,376,061; May 15.
Diolefins, Purification of. D. Craig. 2,366,315; Jan. 2.
Diolefins, Purification of. F. J. Soday. 2,373,715; Apr. 17.
Diolefins, Purification of. C. E. Welling. 2,376,104; May 15.
Diolefins, Purification or aliphatic conjugated. F. E Frey. 2,380,831; July 31.
Diolefins, Recovery. H. E. Drennan. 2,386,200; Oct. 9.
Diolefins, Recovery of. I. L. Wolk. 2,386,734; Oct. 9.
Diolefins, Separating. J. H. Boyd, Jr. 2,386,927; Oct. 16.
Diolefins, Separation of. R. C. Morris and H. de V. Finch. 2,373,329; Apr. 10.
Dioxane derivatives and making the same. A. Grün. 2,366,611; Jan. 2.
Dioxide from gases, Separation of sulphur. T. F. Doumani. 2,370,020; Feb. 20.
Dioxide, Preparation of zirconium. E. Wainer. 2,387,046; Oct. 16.
Dioxolanes, Stabilized. W. F. Gresham. 2,376,354; May 22.
Diphenyl sulphones, Production of. J. Weijlard and J. P. Messerly. 2,385,899; Oct. 2.
Dipping machine. S. McMordie and D. A. Peterson. 2,380,319; Nov. 20.
Direct-current motor. G. A. Reinhard. 2,383,498; Nov. 6.
Direct-fired unit heater. D. Henderson, R. M. Rush, and H. C. Anderson. 2,376,140; May 15.
Direction finder. M. Nelson. 2,377,902; June 12.
Directional control and reverse valve. M. Turchan and C. Walker. 2,374,714; May 1.
Directional element, Double-loop four-pole. W. K. Sonnemann, A. C. Mehring, and S. L. Goldsborough. 2,380,197; July 10.
Directional gyro. L. F. Carter and F. D. Braddon. 2,366,707; Jan. 9.
Directional power divider. A. D. Robbins. 2,369,075; Feb. 6.
Director, Auto. A. C. Schulze. 2,385,164; Sept. 18.
Director, Fire. J. W. Allen. 2,379,778; July 3.
Directory, Index. S. P. Kelsey. 2,375,228; May 8.
Disappearing hanger. W. K. Jahn. 2,390,257; Dec. 4.
Disassembly. G. H. Orloff. 2,373,141; Apr. 10.
Discharge apparatus for and method of cooling the interior of bottles and other hollow glass articles, Liquid spray. T. D. Green. 2,386,455; Oct. 9.
Discharge device, Electron. H. J. Dailey. 2,379,067; June 26.
Discharge device, Electronic. J. E. Clark, C. E. Fay, and V. L. Ronci. 2,380,502; July 31.
Discharge device, Gaseous conduction. D. E. Henry. 2,367,579; Jan. 16.
Discharge device, Making electric. J. T. Anderson, R. S. Wells, and W. J. Scott. 2,379,057; June 26.
Discharge device, Mercury vapor. A. F. Bowles and H. M. Lipsius. 2,379,620; July 3.
Discharge device, Multianode. W. C. White. 2,367,987; Jan. 23.
Discharge device, Space. H. Olken. 2,376,882; May 29.
Discharge, Hopper. J. J. McBride. 2,386,702; Oct. 9.
Discharge lamp circuit. C. H. Hodgkins. 2,374,352; Apr. 24.
Discharger and flare, Flashless. H. E. Mills. 2,375,314; May 8.
Discharger mechanism, Cake. J. A. McCaskell. 2,374,363; Apr. 24.
Disconnect switch. C. Hartley. 2,390,555; Dec. 11.
Disconnecting contact. M. J. Rubel. 2,376,818; May 22.
Disconnecting device, Circuit. B. O. Watkins and J. F. Atkinson. 2,387,372–3; Oct. 23.
Disconnecting switch. C. L. Garrison. 2,368,462; Jan. 30.
Disconnecting switch. W. J. Gilson. 2,371,755; Mar. 20.
Disconnecting switch. K. A. Hawley. 2,366,784; Jan. 9.
Discopter. A. G. Weygers. 2,377,535; June 5.
Disengageable slip clutch. J. T. Barron. 2,380,572; July 31.
Dish drainer. J. Gray. 2,378,628; June 19.
Dish, Grill and chafing. H. Volks. 2,370,595; Feb. 27.
Dish, Soap. G. N. Nelson. 2,366,421; Jan. 2.
Dish, Toilet. M. V. Kendig. 2,371,448; Mar. 13.
Dishes, Cleansing. D. K. Ferris. 2,385,264; Sept. 18.
Dishwasher. P. M. Seiple. 2,376,627; May 22.
Dish washing machine. M. A. Voris. 2,390,757; Dec. 11.
Dishwashing machine, primarily for household use. J. Hertz. 2,372,205; Mar. 27.
Disinfectant compositions. J. E. Kirby and J. F. Lontz. 2,385,614; Nov. 6.
Disinfector, Portable gas. W. A. Higgins. 2,375,226; May 8.
Disintegrating cartridge belt. J. M. Ewart. 2,379,510; July 3.
Disintegrator for sewage sludge and for like purposes. W. K. Porteous. 2,369,312; Feb. 13.
Disk, Abrasive. F. O. Albertson. 2,385,249; Sept. 18.
Disk, Abrasive. R. G. Humphrey and R. Sample. 2,376,254; May 15.
Disk brake. H. T. Lambert. 2,368,417; Jan. 30.
Disk, Brake. R. C. Pierce. 2,372,984; Apr. 3.
Disk changing device for phonographs, Automatic record. A. Compare. 2,371,222; Mar. 13.
Disk diamond dressing tool. C. J. Koebel. 2,380,451; July 31.
Disk for brakes, Rotor. W. M. Lipps. 2,375,566; May 8.
Disk gang assembly. R. H. Mitchell. 2,389,993; Nov. 27.
Disk harrow. A. E. Rutter. 2,377,521; June 5.
Disk, Plastics coned. H. Kershaw. 2,376,154; May 15; May 15.
Disk, Polishing. C. F. Schlegel. 2,366,877; Jan. 9.
Disk tiller. W. H. Silver. 2,370,374; Feb. 27.
Disks, Forming conical. R. C. Ingersoll. 2,382,485; Aug. 14.
Dispenser: *See*—
Beer dispenser.
Cigarette dispenser.
Cup dispenser.
Currency dispenser.
Drink dispenser.
Fluid dispenser.
Fountain dispenser.
Frozen confection dispenser.
Label dispenser.
Measuring dispenser.
Milk dispenser.
Multiple dispenser.
Paper dispenser.
Paper roll dispenser.
Paste or cream dispenser.
Periodical dispenser.
Pie pan dispenser.
Pouring dispenser.
Roll paper dispenser.
Safety liquid dispenser.
Soap dispenser.
Tape dispenser.
Tooth powder and paste dispenser.
Towel dispenser.
Dispenser. M. J. Blons. 2,371,216; Mar. 13.
Dispenser. H. C. Gessler. 2,380,906; July 31.
Dispenser. E. C. Kaye. 2,370,796; Mar. 6.
Dispenser. W. C. Moeller. 2,390,448; Dec. 4.
Dispenser. A. H. and F. N. Reed. 2,370,995; Mar. 6.
Dispenser. C. G. Sohmer. 2,376,018; May 15.
Dispenser. S. C. Waite. 2,379,327; June 26.
Dispenser. J. H. Wheeler. 2,374,633; Apr. 24.
Dispenser and control for the same. H. J. Jordan. 2,372,281; Mar. 27.
Dispenser for cigarettes and the like. H. Negbaur and J. G. Lippincott. 2,370,747; Mar. 6.
Dispenser for tacky tape. T. H. Krueger. 2,366,971; Jan. 9.
Dispenser for washing compounds. S. A. Raymond. 2,387,944; Oct. 30.
Dispensers, Multiple stack loading mechanism for cup. L. W. Doggett. 2,370,848; Mar. 6.
Dispensing and display case, Modern food. J. H. Walborn. 2,380,712; July 31.
Dispensing and vending system. H. C. Warner. 2,384,863; Sept. 18.
Dispensing apparatus. J. F. Longhway. 2,389,068; Nov. 13.
Dispensing apparatus. E. E. McDow. 2,387,945; Oct. 30.
Dispensing apparatus. S. D. Poisen and S. H. Nelson. 2,378,430; June 19.
Dispensing apparatus. J. M. Reynolds. 2,374,896; May 1.
Dispensing apparatus. G. Smith. 2,382,369; Aug. 14.
Dispensing apparatus, Bottle. A. Gerlich. 2,376,682; May 22.
Dispensing apparatus for liquids. R. W. McBrien. 2,387,923; Oct. 30.
Dispensing apparatus, Liquid. S. Hinds. 2,370,466; Feb. 27.
Dispensing apparatus, Liquid. J. A. Merrill. 2,381,304; Aug. 7.
Dispensing apparatus, Liquid. R. R. Trexler. 2,390,136; Dec. 4.
Dispensing apparatus, Predetermining. E. Thoresen and W. H. Marsh. 2,382,454; Aug. 14.
Dispensing attachment for containers. J. B. Clower. 2,385,195; Sept. 18.
Dispensing bottle cap. W. E. Vensel. 2,378,451; June 19.
Dispensing container. H. L. Apfelbaum. 2,377,120; May 29.
Dispensing container. A. P. Banua. 2,385,600; Sept. 25.
Dispensing container. S. D. Barlow. 2,376,222; May 15.
Dispensing container. W. T. Bouchelle. 2,387,640; Oct. 23.
Dispensing container. C. H. Duell. 2,378,003; June 12.
Dispensing container. E. B. Duell. 2,378,004; June 12.
Dispensing container. V. E. Heywood and W. M. Cary. 2,371,521; Mar. 13.
Dispensing container. J. J. Jacobson. 2,371,332; Mar. 13.
Dispensing container. B. W. Kleinberg. 2,390,945; Dec. 11.
Dispensing container. J. G. Mason, B. L. Craig, and J. C. Garvin. 2,375,430; May 8.
Dispensing container. M. I. Williamson. 2,366,226; Jan. 2.
Dispensing container for roll paper. C. H. N. R. Willis. 2,390,407; Dec. 4.
Dispensing container, Self-closing top and. W. F. Punte. 2,391,345; Dec. 18.
Dispensing device. W. O. Brown. 2,383,367; Aug. 21.
Dispensing device. R. T. Cornelius. 2,372,360; Mar. 27.

Dispensing device. M. L. Goldbert. 2,366,963; Jan. 9.
Dispensing device. C. E. Lebrecht. 2,380,533; July 31.
Dispensing device. J. D. Le Frank. 2,373,124; Apr. 10.
Dispensing device. W. W. Welchselbaum. 2,382,191; Aug. 14.
Dispensing device. J. N. Wognum. 2,385,956; Oct. 2.
Dispensing device and arrangement thereof. K. L. Schiff. 2,386,408; Oct. 9.
Dispensing device, Beverage. C. W. Lloyd. 2,379,532; July 3.
Dispensing device, Bottle. J. M. Stewart. 2,379,112; June 26.
Dispensing device, Charged liquid. H. Pletman. 2,372,392; Mar. 27.
Dispensing device, Dry-cell. L. G. Briggs. 2,385,400; Sept. 25.
Dispensing device, Fluid. C. Mankouski. 2,385,418; Sept. 25.
Dispensing device, Fluid. A. L. Parker, R. H. Davies, and J. F. Melichar. 2,385,102; Sept. 18.
Dispensing device, Fluid. E. C. Watters. 2,387,374; Oct. 23.
Dispensing device for paste tubes. W. B. Massey. 2,390,314; Dec. 4.
Dispensing device, Missile. F. H. Hagner. 2,389,851; Nov. 27.
Dispensing device, Refrigerated bottle. T. F. Green, Jr. 2,389,619; Nov. 27.
Dispensing devices, Assembling. A. E. Vaughn. 2,384,219; Sept. 4.
Dispensing faucet. L. T. Ward. 2,367,077; Jan. 9.
Dispensing machine. F. T. Seegar and W. Panitch. 2,387,470; Oct. 23.
Dispensing machine. M. L. Smith and R. Schwalb. 2,376,562; May 22.
Dispensing machine. C. Wilder. 2,380,093; July 10.
Dispensing machine, Bottle. G. H. Nitschman. 2,381,179; Aug. 7.
Dispensing means, Liquid. L. G. Bates. 2,387,699; Oct. 23.
Dispensing mechanism, Liquid. K. C. Bugg. 2,379,785; July 3.
Dispensing package. C. J. Haag. 2,367,019; Jan. 9.
Dispensing pump. K. S. Clapp. 2,387,233; Oct. 23.
Dispensing rack. C. Strauss. 2,389,092; Nov. 13.
Dispensing receptacle. E. R. Crebbs. 2,391,617; Dec. 25.
Dispensing system and apparatus, Food. J. Anchor. 2,391,287; Dec. 18.
Dispensing tap. A. Berg. 2,373,373; Apr. 10.
Dispensing tube and manufacture thereof, Nonmetallic collapsible. I. Gurwick. 2,385,506; Sept. 25.
Dispensing unit. C. F. Pease. 2,382,576; Aug. 14.
Dispersions of adhesives of the oil-in-water type. J. O. Hendricks. 2,382,417; Aug. 14.
Dispersive agent, Producing. A. J. Tiede. 2,381,939; Aug. 14.
Displacement apparatus. R. D. Delamere. 2,369,539; Feb. 13.
Displacement apparatus, Centrifugal. C. I. Place. 2,387,348; Oct. 23.
Display, Advertising. E. Borregard. 2,389,606; Nov. 27.
Display apparatus. L. H. B. Peer. 2,377,175; May 29.
Display appliance, Merchandise. C. F. Kollman. 2,367,289; Jan. 16.
Display card and fastener holder. J. J. Murphy and A. J. Reisinger. 2,374,881; May 1.
Display container. M. L. Goldbert. 2,391,453; Dec. 25.
Display container and blank therefor. M. I. Williamson and R. Fink. 2,391,285; Dec. 18.
Display device. W. H. Rohlke. 2,374,800; May 1.
Display device. W. T. Bouchelle. 2,387,639; Oct. 23.
Display device. E. D. Ellis. 2,387,503; Oct. 23.
Display device. M. M. Farrand. 2,374,341; Apr. 24.
Display device. J. V. Horr. 2,389,511; Nov. 20.
Display device. R. J. Jorgenson and F. L. Clute. 2,381,002; Sept 18.
Display device. A. J. Quinby. 2,373,778; Apr. 17.
Display device. C. W. Skogh. 2,379,598; July 3.
Display device. M. J. Vigiletta. 2,368,054; Jan. 23.
Display device. F. H. Waggoner. 2,386,642; Oct. 9.
Display fixture, Produce. C. K. Godfrey. 2,386,208; Oct. 9.
Display form, Garment. N. Shafarman. 2,384,495; Sept. 11.
Display frame. H. S. Piper. Re. 22,683; Oct. 16
Display, Hanging. H. Zemmerman. 2,373,074; Apr. 3.
Display head. L. L. Greneker. 2,381,663; Aug. 7.
Display mount. C. N. Cross. 2,373,875; Apr. 17.
Display mount support. C. N. Cross. 2,383,776; Aug. 28.
Display rack. F. F. Loeb and J. E. Bales. 2,378,419; June 19.
Display, Shield. M. A. Kraft. 2,378,935; June 26.
Display sign. A. M. Ryan. 2,388,646; Nov. 6.
Display with effect of animation, Luminous. F. Hotchner. 2,389,911; Nov. 27.
Disseminator, Evaporating. G. J. Eisner. 2,372,371; Mar. 27.
Dissipating system for bearings, Heat. T. J. Bay and M. E. Machol. 2,391,670; Dec. 25.
Dissolving dried starch conversion solids. B. F. Buchanan. 2,370,123; Feb. 27.
Dissolving, softening, gelatinizing, and swelling agents. W. Hentrich, W. Kaiser, and R. Endres. 2,382,714; Aug. 14.
Distance measuring device. C. Granqvist. 2,371,988; Mar. 20.
Distance measuring device. E. A. J. Tunnicliffe. 2,376,836; May 22.
Distillate, Pressure. W. Kaplan. 2,367,284; Jan. 16.
Distillate production. F. S. West. 2,388,102; Oct. 30.
Distillation apparatus, Controlled fractional. R. E. Burk. 2,385,345; Sept. 25.
Distillation control. W. E. Fisher. 2,386,601; Oct. 9.
Distillation method and apparatus. G. T. Kohman and C. Prescott, Jr. 2,368,665; Feb. 6.
Distillation method and apparatus. A. Latham, Jr. 2,389,789; Nov. 27.
Distillation, Method of and apparatus for. A. Latham, Jr. 2,389,064; Nov. 13.
Distillation process. G. R. Lake. 2,375,478; May 8.
Distillation process. H. R. Legatski. 2,369,058; Feb. 6.
Distillation process. M. Souders, Jr. 2,379,110; June 26.
Distillation unit. J. C. Cleaver and J. V. Resek. 2,388,599; Nov. 6.
Distributing apparatus. M. E. Fernald. 2,381,893; Aug. 14.
Distributing apparatus for bituminous and like material. G. M. Etnyre. 2,372,065; Mar. 20.
Distributing control device. W. C. Ewaldson. 2,387,570; Oct. 23.
Distributing means for spray booths, Water curtain. J. F. Roche, Jr. 2,382,026; Aug. 14.
Distributing mechanism, Fluid. W. F. Wilhelm. 2,378,273; June 12.
Distributing valve for pneumatic tools. F. P. Forss. 2,372,945; Apr. 3.
Distribution system regulator. M. Newman. 2,372,600. Mar. 27.
Distributor. E. Erickson. 2,389,845; Nov. 27.
Distributor, Fertilizer. F. W. Douthitt. 2,371,958; Mar. 20.
Distributor, Fertilizer. L. B. Fasick. 2,368,127; Jan. 30.
Distributor for granular materials. L. A. Hawthorne. 2,373,183; Apr. 10.
Distributor for material spreaders. H. O. Vogel. 2,380,347; July 10.
Distributor, Fluid. E. C. Wahlberg. 2,367,319; Jan. 16.
Distributor, Fuel. F. J. Wiegand. 2,366,891; Jan. 9.
Distributor, Grain. R. I. Patterson. 2,368,872; Feb. 6.
Distributor, Journal lubricator. J. J. Hennessy. 2,378,407; June 19.
Distributor mechanism. A. J. Dowd. 2,371,034; Mar. 6.
Distributor, Receiving. R. E. Mathes. 2,374,295; Apr. 24.
Distributor, Sound. S. H. Barclay. 2,387,974; Oct. 30.
Distributor structure. H. P. Faris and J. E. White. 2,385,780–1; Oct. 2.
Disulphanilylguanidine and preparing same. A. E. Pierce. 2,390,734; Dec. 11.
Disulphides, Preparation of. R. H. Cooper. 2,375,083; May 1.
Disulphides, tellurides, and selenides, Producing metallic. E. B. Kaercher. 2,367,946; Jan. 23.
Ditching machine. J. S. Blackie. 2,387,977; Oct. 30.
Di-tertiary alkyl sulphides. J. R. Meadow. 2,366,453; Jan. 2.
Dithioammelide, Preparation of. D. W. Kaiser. 2,375,733; May 8.
Dithioburet and preparation. R. L. Sperry. 2,371,112; Mar. 6.
Dithiofuroates. A. F. Hardman. 2,386,111; Oct. 2.
Dithiophosphates, Disubstituted. A. R. Davis. 2,389,718; Nov. 27.
Dithiophosphoric acid of an alkyl-substituted phenol and a mineral oil containing this compound, Making a. O. M. Reiff and H. J. Andress, Jr. 2,386,207; Oct. 9.
Dithiophosphoric acids and salts thereof. E. W. Cook and W. D. Thomas, Jr. 2,382,775; Aug. 14.
Divan, Bed. S. L. Grossman. 2,369,562; Feb. 13.
Diverter for sugar contaminated condensates, Automatic. A. M. Hewlett. 2,376,694; May 22.
Dividing and multiplying machine, Combined. J. W. Bryce. 2,370,616; Mar. 6.
Dividing head. W. W. Lewis. 2,373,578; Apr. 10.
Dividing head. O. Litchwitz. 2,367,952; Jan. 23.
Dividing mechanism. B. Ruysdael. 2,386,145; Oct. 2.
Dividing system, Electric frequency. B. Drake. 2,383,177; Aug. 21.
Divinyl-benzene compounds from corresponding ethylated benzene compounds, Manufacture of. R. R. Dreisbach. 2,385,696; Sept. 25.
di-tryptophane and producing the same. E. T. Stiller. 2,380,479; July 31.
Dock, Basin or graving dry. F. R. Harris. 2,384,616; Sept. 11.
Dock, Floating. H. O. Foss. 2,389,353; Nov. 20.
Dock, Floating dry. C. A. D. Bayley. 2,385,341; Sept. 25.
Dock, Graving or basin dry. F. R. Harris. 2,384,464; Sept. 11.
Dock, Prefabricated timber. F. R. Harris. 2,370,957; Mar. 6.
Doctor, Air. F. C. Woodward. 2,386,156; Oct. 2.
Dog drive for the step by step actuation of films. E. Wurger. 2,374,318; Apr. 24.

Dog, Lathe. R. B. Stewart and T. R. De Long. 2,388,622; Nov. 6.
Doll. A. L. Clark. 2,391,131; Dec. 18.
Doll. E. E. Smith. 2,372,799; Apr. 3.
Doll and making the same, Paper. E. B. Engle. 2,369,031; Feb. 6.
Doll, Jointed manikin. M. Geller. 2,381,897; Aug. 14.
Doll, Umbrella. M. C. Hawkey. 2,380,175; July 10.
Dolly. A. J. Acker. 2,389,584; Nov. 27.
Dolly. E. B. Thompson. 2,386,516; Oct. 9.
Dolly, Propeller. E. C. Hokanson. 2,375,363; May 8.
Dolly, Skidway. P. J. Kordes. 2,370,548; Feb. 27.
Dolomite, Producing burnt. W. Syz. 2,380,480; July 31.
Domestic appliance. R. R. Candor. 2,378,392; June 19.
Domestic appliance. K. Clark. 2,366,236; Jan. 2.
Domestic appliance. J. B. Dyer. 2,375,635; May 8.
Domestic appliance. D. K. Ferris. 2,381,894; Aug. 14.
Domestic appliance. D. K. Ferris. 2,382,219; Aug. 14.
Domestic appliance. D. K. Ferris. 2,384,903; Sept. 18.
Domestic appliance. F. H. McCormick. 2,378,421; June 19.
Domestic appliance. M. E. Fry. 2,388,839; Nov. 13.
Domestic appliance. G. C. Pearce. 2,388,702; Nov. 13.
Domestic appliance. D. H. Reeves. 2,374,457; Apr. 24.
Door: *See*—

Car door.	Overhead door.
Folding door.	Overhead garage door.
Furnace door.	Quick-acting door.
Garage door.	Sectional sliding door.
Mine door.	Silo door.

Door actuating apparatus. J. N. Morris and R. L. Kent. 2,367,959; Jan. 23.
Door and body ornamentation, Automobile. J. H. Wernig. 2,383,575; Aug. 28.
Door and sealing means therefor. W. F. Oliver. 2,376,449; May 22.
Door and window, Combination screen and storm. J. M. Prevette. 2,377,449; June 5.
Door and window lock, Combined. A. Rappl. 2,378,500; June 19.
Door check and closer. J. D. S. Larsson. 2,377,636; June 5.
Door check or closer. H. W. Brooks. 2,373,075; Apr. 3.
Door closer with oil brake. G. N. Pettersen. 2,369,601; Feb. 13.
Door closing device. H. H. Pancake. 2,374,155; Apr. 17.
Door construction. W. A. Ellsworth. 2,366,894; Jan. 9.
Door construction. H. H. Turner. 2,379,120; June 26.
Door construction. H. H. Turner. 2,386,016; Oct. 2.
Door construction, Rolling. N. Michelman. 2,390,116–17; Dec. 4.
Door for animal houses. J. M. Solyst. 2,373,858; Apr. 17.
Door frame construction for cabinets. H. Derman. 2,384,896; Sept. 18.
Door fixture, Cabinet. A. Marchand. 2,381,132; Aug. 7.
Door header. S. Reese. 2,372,394; Mar. 27.
Door holder. R. S. Potter. 2,368,875; Feb. 6.
Door knob fastener. W. R. Schlage. 2,369,494; Feb. 13.
Door latch. H. G. Voight. 2,369,873; Feb. 20.
Door latch and lock. A. R. Jones. 2,368,840; Feb. 6.
Door latch mechanism. J. Abernethy. 2,383,032; Aug. 21.
Door lift mechanism. W. A. Beauchamp. 2,373,447; Apr. 10.
Door lift mechanism. T. Madland. 2,386,698; Oct. 9.
Door lifting mechanism. T. Madland. 2,387,161; Oct. 16.
Door lock. M. Falk. 2,370,645; Mar. 6.
Door lock. H. E. Fendring. 2,366,847; Jan. 9.
Door lock. S. F. Rolph. 2,377,301; May 29.
Door lock. W. R. Schlage. 2,366,934; Jan. 9.
Door lock. W. R. Schlage. 2,370,690–1; Mar. 6.
Door lock. W. R. Schlage. 2,389,819; Nov. 27.
Door lock. W. R. Schlage and W. H. Hahir. 2,380,708; July 31.
Door lock. H. G. Voight. 2,385,173; Sept. 18.
Door lock. H. G. Voight and S. Oxhandler. 2,376,102;
Door lock. A. Wirz. 2,382,762; Aug. 14.
Door locking system. J. W. Fitz Gerald. 2,382,985; Aug. 21.
Door mechanism. J. E. Wolf. 2,373,282; Apr. 10.
Door operating device, Inertia. L. F. Schoelkopf. 2,380,334; July 10.
Door operating mechanism. L. Beskin. 2,372,648; Apr. 3.
Door or gate closer. B. Strosnider. 2,385,590; Sept. 25.
Door or like operating device. E. J. Vallen. 2,378,262; June 12.
Door securing device. A. Chambers and R. E. Gearhart. 2,368,411; Jan. 30.
Door securing device. A. Chambers and R. E. Gearhart. 2,369,136; Feb. 13.
Doorstop. E. R. Bright and S. Bright, Jr. 2,376,117; May 15.
Door structure and latching mechanism, Refrigerator. T. Nieter. 2,386,495; Oct. 9.
Door supporting apparatus, Sliding. I. Shafer. 2,386,510;
Door suspension for vehicles, especially automobiles. T. Ulrich. 2,383,428; Aug. 21.
Door switch. D. Conlan. 2,374,585; Apr. 24.
Door switch. D. Conlan. 2,391,549; Dec. 25.
Door, window, and the like. F. J. F. Solis. 2,378,591; June 19.
Doors for dwellings, Combination outer. O. A. Hinton and L. De Stramp. 2,381,666; Aug. 7.
Double-acting glass cutter. W. Owen. 2,377,098; May 29.
Double acting reciprocating air motor. R. R. Kilian. 2,380,315; July 10.
Double acting, two-cycle Diesel engine. W. R. Appeman. 2,387,107; Oct. 16.
Double-action piston rod. R. C. Laurain. 2,383,136; Aug. 21.
Double-action pump. F. A. Nichols. 2,369,365; Feb. 13.
Double-action pump. F. A. Nichols. 2,371,704; Mar. 20.
Double-break contact. D. Ellis and O. L. Taylor. 2,384,988; Sept. 18.
Double burner structure. J. L. Breese, B. Hayter, and M. D. Huston. 2,366,706; Jan. 9.
Double case pump. A. J. Nelson. 2,374,122; Apr. 17.
Double container. M. Prager. 2,385,648; Sept. 25.
Double glazed window and manufacture. E. M. Guyer, J. T. Littleton, and M. R. Shaw, Jr. 2,389,360; Nov. 20.
Double-loop directional element. S. L. Goldsborough. 2,380,165; July 10.
Double purpose tool. C. E. Bown. 2,383,464; Aug. 28.
Double seaming machine, Can. J. H. Schurch. 2,386,069; Oct. 2.
Dough dividing machine. I. Elliott. 2,383,536; Aug. 28.
Dough forming device. E. T. Ersepke. 2,379,956; July 10.
Dough, Process and apparatus for molding bread. A. W. Burdett, R. Tanous and A. E. Tolley. 2,373,012; Apr. 3.
Dough products, Making formed. P. W. Souder. 2,366,366; Jan. 2.
Dough, Treating. M. Cohen, D. W. Enoch, G. Hasty, and G. A. Jorgenson. 2,383,774; Aug. 28.
Doughnut cutter. V. R. Fitzsimmons. 2,370,650; Mar. 6.
Dowel construction. A. R. Houk. 2,384,918; Sept. 18.
Dowel pin. E. A. Baumbach. 2,380,287; July 10.
Dowel pin assembly. R. B. Purkiss. 2,388,181; Oct. 30.
Dowel setting machine. J. A. Golden. 2,389,773; Nov. 27.
Downspout, Expansible wood. H. E. Hall. 2,373,394; Apr. 10.
Downspout for bubble trays. C. G. Gerhold. 2,385,355; Sept. 25.
Draft control. C. C. Buren. 2,385,192; Sept. 18.
Draft control, E. A. Field, Jr. 2,371,512; Mar. 13.
Draft control, Barometric. A. O. Dady. 2,388,253; Nov. 6.
Draft control device for oil burners. J. E. Thornquist. 2,370,891; Mar. 6.
Draft control for heaters. T. C. Cheasley. 2,388,829; Nov. 13.
Draft control, Method and apparatus for. R. R. McIntosh. 2,379,916; July 10.
Draft control, Oil burner. J. A. White. 2,385,317; Sept. 18.
Draft device. E. L. Mudgett. 2,375,318; May 8.
Draft gear. E. P. Kinne. 2,383,656; Aug. 28.
Draft mechanism for railway cars. A. Campbell. 2,390,496; Dec. 11.
Draft regulating apparatus. R. A. Walker. 2,376,211; May 15.
Draft regulator. C. A. Crooker. 2,371,677; Mar. 20.
Drafting instrument. G. S. Dolgorukov. 2,379,791; July 3.
Drafting instrument. A. Waldman. 2,371,485; Mar. 13.
Drafting machine. A. Heireth. 2,368,021; Jan. 23.
Drafting machine. L. Ketting. 2,370,971; Mar. 6.
Drafting machine. L. Ketting. 2,374,020; Apr. 17.
Drafting machine. L. Ketting. 2,377,429; June 5.
Drafting machine. C. W. Keuffel, H. Wiedemann, and A. F. Shields. 2,377,428; June 5.
Drafting machine, Desk type. L. G. Webster. 2,366,225; Jan. 2.
Drafting mechanism for textile fibers. J. Noguera. 2,381,983; Aug. 14.
Drafting mechanism for textile fibers. J. Noguera. 2,388,760; Nov. 13.
Dragline apparatus. D. R. Moon. 2,377,802; June 5.
Dragline control. W. R. Harding and L. G. Opel. 2,380,431; July 31.
Drain and plug, Lifeboat. V. C. Farrell. 2,367,718; Jan. 23.
Drain board. H. N. and T. E. Wheeler. 2,367,321; Jan. 16.
Drain, Condensation. W. Queirold. 2,382,579; Aug. 14.
Drain device for sinks, basins, etc. R. W. Sherburne. 2,376,729; May 22.
Drain mechanism. P. E. Geldhof and L. Ringer. 2,391,561; Dec. 25.
Drain pipe cleaning gun. J. K. Lawton. 2,386,870; Oct. 16.
Drain structure. P. E. Knudsen and L. G. Diera. 2,381,500; Aug. 7.
Drain valve. J. C. Shaw and E. H. Kidd. 2,379,995; July 10.
Drainage means for floating tank roofs. J. H. Wiggins. 2,390,141; Dec. 4.
Drainer construction. J. C. Trindl. 2,390,753; Dec. 11.
Drapery, curtain, and similar hangings. K. A. Sidén. 2,366,986; Jan. 9.
Draw arrangement for refrigerators. G. H. Clare. 2,376,032; May 15.
Drawbar for harrows. B. Landen. 2,377,945; June 12.

Drawbench. E. J. McIlvried and N. H. Nye. 2,367,793; Jan. 23.
Drawbench arm mechanism. W. E. Kerr. 2,369,467; Feb. 13.
Drawbench dog. G. Hackett. 2,367,941; Jan. 23.
Drawstring fastener. J. H. Talbott and W. R. Christensen. 2,388,717; Nov. 13.
Drawstring for trouser legs. J. De Grazia. 2,390,077; Dec. 4.
Drawer. F. F. Loeb and J. E. Bales. 2,384,842; Sept. 18.
Drawer construction. P. T. Frankl. 2,377,929; June 12.
Drawer for vertical filing cabinets, Swing front face. A. H. Lieskea. 2,388,922; Nov. 13.
Drawer guide. C. F. Wolters and N. Y. Andersen. 2,382,363; Aug. 14.
Drawer lock. W. C. Mayer. 2,368,859; Feb. 6.
Drawer slides and latch construction. S. C. Holston. 2,372,951; Apr. 3.
Drawer suspension. C. W. Straubel. 2,386,757; Oct. 16.
Drawing. K. H. Dihn and L. C. Crewe. 2,390,644; Dec. 11.
Drawing die. F. E. Teachout. 2,377,191; May 29.
Drawing holes in carbide die nibs, Forming. E. W. Engle. 2,385,198; Sept. 18.
Drawing instrument. A. W. Keuffel and R. Straub. 2,369,449; Jan. 2.
Drawing instrument. W. H. Schneider. 2,390,466; Dec. 4.
Drawing mechanism for spinning and roving frames. J. Babasa. 2,381,856; Aug. 7.
Drawing spacer, Multiple. J. H. Scott. 2,382,029; Aug. 14.
Drawing surface. G. F. Nadeau, E. H. Hilborn, and C. S. Hunter. 2,386,626; Oct. 9.
Drawing wires. J. T. Ferenci. 2,383,118; Aug. 21.
Dredge, Clam. J. W. Daniels. 2,386,295; Oct. 9.
Dress form, Adjustable. F. S. Sander. 2,367,891; Jan. 23.
Dress form and hanger. L. Kahn. 2,366,533; Jan. 2.
Dress form, Individual. D. G. Patten. 2,376,553; May 22.
Dress shield and crossed-tape support. E. Harpootlian. 2,389,776; Nov. 27.
Dresser compensating mechanism for grinding machines. A. F. Markus. 2,388,065–7; Oct. 30.
Dresser, Wheel contour. W. H. Hahir. 2,380,693; July 31.
Dressing apparatus for formed grinding wheels and the like. E. W. Miller. 2,372,597; Mar. 27.
Dressing mechanism. L. O. Carlsen. 2,378,980; June 26.
Dressing mechanism. M. H. Johanson. 2,373,187; Apr. 10.
Dressing mechanism. E. Wildhaber. 2,381,150; Aug. 7.
Dressing tool holder. D. R. Norris and C. M. Greening. 2,372,732; Apr. 3.
Dressing with bandages, Cool wet. M. Seng. 2,390,184; Dec. 4.
Drier: *See*—
Collapsible clothes drier. Roller drier.
Continuous drier. Rotary drier.
Electric drier. Sweater drier.
Fingernail drier. Tenter drier.
Lens drill. Web drier.
Nail polish drier. Well cabinet clothes drier.
Drier. J. R. French. 2,384,990; Sept. 18.
Drier. A. P. Munning and W. J. Winward. 2,376,174; May 15.
Drier. C. E. Morgenstern. 2,372,790; Apr. 3.
Drier. J. O. Ross and J. F. Gschwind. 2,391,195; Dec. 18.
Drier and dehydrator, Hair. W. D. Nicol. 2,367,601; Jan. 16.
Drier and method of drying. L. M. O'Neill. 2,369,366; Feb. 13.
Drier control system. R. E. Olson. 2,366,801; Jan. 9.
Drier felt. J. R. L. Santos. 2,367,438; Jan. 16.
Drier for gas-cooling systems. C. C. Sterrett. 2,372,135; Mar. 20.
Drier for photographic material. E. F. Tetzlaff and H. L. Fitch. 2,376,207; May 15.
Drift corrector. P. F. Bechberger and P. A. Noxon. 2,384,004; Sept. 4.
Drift indicator. O. E. Esval and W. Wrigley. 2,379,894; July 10.
Drill: *See*—
Abrasive tube drill. Portable electric drill.
Countersinking drill. Rivet drill.
Grain drill.
Drill. R. W. Andreasson. 2,370,706; Mar. 6.
Drill. J. S. Denison. 2,391,396; Dec. 25.
Drill. H. J. Esdale. 2,389,188; Nov. 20.
Drill. C. W. Kinnear. 2,380,112; July 10.
Drill aligning adapter attachment for liners and other rock drills. C. D. Nelson. 2,389,532; Nov. 20.
Drill and bit, Mining. S. L. Stogsdill. 2,372,612; Mar. 27.
Drill and chuck therefor, Rail. H. H. Talboys and H. E. Erickson. 2,376,524; May 22.
Drill and reamer, Combined. T. W. Ferries. 2,369,120; Feb. 13.
Drill bit. E. B. Williams, Jr. 2,371,489; Mar. 13.
Drill bit. E. B. Williams, Jr. 2,381,415; Aug. 7.
Drill bit (detachable). G. Coplen. 2,367,458; Jan. 16.
Drill bit support. R. M. Ringler. 2,380,330; July 10.
Drill bits, Manufacture of detachable. E. H. Dickenson. 2,387,983; Oct. 30.
Drill grinding device. W. R. Coyne. 2,371,676; Mar. 20.
Drill mechanism. W. W. Paget. 2,383,499; Aug. 28.
Drill pipe protector. J. M. Grant. 2,368,415; Jan. 30.
Drill pipe protector. W. G. L. Smith. 2,378,738; June 19.
Drill press attachment. J. K. Meir and D. G. Derrick. 2,377,259; May 29.
Drill spindle driving mechanism. W. G. Hoelscher. 2,384,744–5; Sept. 11.
Drilled and tapped parts such as hexagon and other nuts, Manufacture of small. N. Hall. 2,371,440; Mar. 13.
Drilling and countersinking tool. L. A. Smith. 2,390,744; Dec. 11.
Drilling apparatus. C. G. Eden. 2,380,736; July 31.
Drilling apparatus. F. Miller. 2,376,974; May 29.
Drilling apparatus. M. G. Wright. 2,388,720; Nov. 13.
Drilling bit. J. A. Zublin. 2,367,637; Jan. 16.
Drilling bit, Removable. C. C. Koeln. Re. 22,690; Nov. 6.
Drilling device. D. M. Morgenstern. 2,379,028; June 26.
Drilling, Diamond. J. Kurtz, J. D. Waldie, and J. Spina. 2,377,159; May 29.
Drilling fluids. W. W. Robinson, Jr. 2,369,407; Feb. 13.
Drilling implement. R. D. Zimmerman. 2,368,512; Jan. 30.
Drilling machine. W. B. Burke. 2,390,420; Dec. 4.
Drilling machine. A. B. MacNeill. 2,388,362; Nov. 6.
Drilling machine. E. A. Oakes. 2,372,287; Mar. 27.
Drilling machine. H. J. Willmott. 2,379,944; July 10.
Drilling machine, Diamond die. H. G. Hanemann. 2,388,610; Nov. 6.
Drilling machine, Multiple. I. F. Churchill. 2,381,039; Aug. 7.
Drilling mud and process, Well. E. P. Partridge. 2,379,100; June 26.
Drilling muds. R. B. Booth. 2,375,616; May 8.
Drilling weight control system. W. S. Crake. 2,371,953; Mar. 20.
Drills, Attachment for. G. D. Porter and H. B. Whittington. 2,379,182; June 26.
Drink dispenser. T. B. Chace. 2,383,771; Aug. 28.
Drinking tube holder. G. E. Roux. 2,378,660; June 19.
Drip timing device. J. A. Lundeen. 2,375,375; May 8.
Drive and clutch assembly, Two speed. L. Ringer. 2,377,575; June 5.
Drive assembly for trucks, Four wheel. S. P. Stephen. 2,367,151; Jan. 9.
Drive control for textile machinery. J. C. Bodansky and E. K. Whitetec. 2,384,879; Sept. 18.
Drive control, Variable. W. P. Lear. 2,385,630; Sept. 25.
Drive device, Rotary. E. J. Regan. 2,375,038; May 1.
Drive fastener. F. L. Davis. 2,391,298; Dec. 18.
Drive for bicycles, Chainless. C. L. Hussey. 2,378,634; June 19.
Drive for cutting tools, Simplified. J. R. Nereaux. 2,379,984; July 10.
Drive for home recorders. I. L. Stephan. 2,378,509; June 19.
Drive for magnetic recorders, Constant speed. M. Camras. 2,372,810; Apr. 3.
Drive for oscillating grinders. R. S. Pyne and E. A. Allen. 2,381,687; Aug. 7.
Drive for paper manufacturing machines. A. Vanden Bergh. 2,387,421; Oct. 23.
Drive for valves and the like. H. E. Hodgson and C. W. Kuhn. 2,391,418; Dec. 25.
Drive for vehicles. C. F. Ball. 2,380,012; July 10.
Drive mechanism. W. R. Griswold. 2,366,253; Jan. 2.
Drive mechanism. P. Haig. 2,366,523; Jan. 2.
Drive mechanism, Convertible wheel endless. C. D. Grove. 2,389,308; Nov. 20.
Drive mechanism, Conveyer belt. H. E. Kleintop. 2,386,558; Oct. 9.
Drive mechanism, Damped. A. M. Wahl. 2,381,325; Aug. 7.
Drive mechanism, Fluid. H. J. Murray. 2,386,258; Oct. 9.
Drive mechanism for vehicles, Mechanical. Z. Hollos. 2,384,092; Sept. 4.
Drive mechanism, Milling machine. R. K. Le Blond and H. C. Kemper. 2,389,627; Nov. 27.
Drive mechanism, Two-speed. M. P. Holmes. 2,390,589; Dec. 11.
Drive mechanism, Variable speed. J. B. Armitage. 2,382,935; Aug. 14.
Drive mechanism, Wabbler. F. C. Howard. 2,387,908; Oct. 30.
Drive roll assembly. C. F. Greiner and J. F. Harrison. 2,386,946; Oct. 16.
Drive unit, Locomotive. W. A. Brecht and F. L. Alben. 2,381,255; Aug. 7.
Drive unit, Machine tool. W. C. Heath. 2,366,527; Jan. 2.
Driver for socketed screws. W. A. Purtell. 2,369,852; Feb. 20.
Driver, Sheeting. A. Feucht. 2,384,989; Sept. 18.
Driving and control mechanism. A. F. Bennett, A. L. Krause, and H. W. Jacobson. 2,370,222; Feb. 27.
Driving and testing mechanism, Stud. W. B. Bronander. 2,379,878; July 10.

Driving arm mechanism. C. R. Sacchini. 2,376,012; May 15.
Driving arrangement for thread guides particularly for cop winding machines. A. Brugger. 2,381,570; Aug. 7.
Driving device for machine dogs, Vibration absorption. J. C. Wilcox. 2,390,976; Dec. 11.
Driving dog for grinders and the like. C. A. Baker. 2,380,381; July 31.
Driving equipment for cycles and cycles provided therewith, Removable. P. Verots and G. Marquet. 2,375,508; May 8.
Driving means for roller electrodes and the like. J. D. Keller. 2,373,314; Apr. 10.
Driving mechanism. H. F. Hanson. 2,384,996; Sept. 18.
Driving mechanism. W. J. Morrill. 2,388,699–700; Nov. 13.
Driving mechanism, Drill spindle. W. G. Hoelscher. 2,382,719; Aug. 14.
Driving mechanism for cash registers. R. Burall. 2,372,659; Apr. 3.
Driving mechanism for phonograph turntables. J. H. Pressley. 2,386,503; Oct. 9.
Driving mechanism for pneumatic actions, Record. G. W. Carlson. 2,377,323; June 5.
Driving mechanism for returning the roller of typewriters. I. G. H. Van Kraemer. 2,378,520; June 19.
Driving mechanism for speed indicators. F. D. Welden. 2,377,284; May 29.
Driving mechanism for vehicles. C. S. Watt. 2,383,754; Aug. 28.
Driving mechanism, Step-by-step. J. M. Dodds and G. J. Scoles. 2,376,987; June 26.
Driving mechanism, Two-speed. J. A. Lawler and S. K. Hoffman. 2,386,220; Oct. 9.
Driving system, Air propeller. R. Prause and L. Schmid. 2,378,580; June 19.
Driving system, Selective. W. P. Lear. 2,370,976; Mar. 6.
Driving unit, Power. F. W. Slack and M. L. Carpentier. 2,378,589; June 19.
Droppable fuel tank. F. A. Weber and H. H. Gregg. 2,381,402; Aug. 7.
Drug extracts, Increasing the efficiency of insect destroying. J. Komeda. 2,376,702; May 22.
Drum assembly for pumping units. J. G. Gillespie. 2,370,029; Feb. 20.
Drum beating toy. E. Nudelman. 2,376,615; May 22.
Drum, Brake. C. Hollerith. 2,366,262; Jan. 2.
Drum brake for use in general engineering. L. Burgerstein. 2,389,953; Nov. 27.
Drum chimes and heads, Making and attaching. W. I. Hanrahan. 2,386,311; Oct. 9.
Drum for motor vehicles, Cable. R. E. Hans. 2,377,881; June 12.
Drum operating mechanism, Pattern. J. Wawzonek. 2,382,757; Aug. 14.
Drum, particularly for winding machines, Thread traverse. W. Siegenthaler. 2,370,923; Mar. 6.
Drum, Sanding. J. P. Elliott. 2,391,449; Dec. 25.
Drum, Strand engaging. D. D. Symmes. 2,389,878; Nov. 27.
Dry cells, Reconditioning. R. N. Eubank. 2,369,033; Feb. 6.
Dry chemical feeder. G. M. Booth and J. S. Ballard. 2,381,802; Aug. 7.
Dry dock and pumping apparatus, Floating. F. R. Harris. 2,379,902; July 10.
Drydock, Floating. C. A. D. Bayley. 2,375,762; May 15.
Dry dock, Floating. J. S. Crandall. 2,379,685; July 3.
Dry dock, Shock-absorbing floating. F. R. Harris. 2,390,300; Dec. 4.
Dry dock, Shock preventing floating. F. R. Harris. 2,387,844; Oct. 30.
Dry-shaving apparatus. V. and W. Kobler. 2,379,969; July 10.
Dry size. F. L. Chappell, Jr. 2,386,033; Oct. 2.
Drying. V. C. Patterson. 2,389,452; Nov. 20.
Drying agents or desiccants. L. McCulloch. 2,389,380; Nov. 20.
Drying and calcining furnace. R. H. Abbott and T. A. Dickson. 2,390,675; Dec. 11.
Drying and conditioning apparatus. B. M. Jones. 2,373,896; Apr. 17.
Drying apparatus. B. R. Andrews. 2,389,586; Nov. 27.
Drying apparatus. B. R. Andrews. 2,391,764; Dec. 25.
Drying apparatus. R. L. Hooper. 2,385,809; Oct. 2.
Drying apparatus for cylinder heads. F. C. Arey and D. E. Hibner. 2,374,968; May 1.
Drying compositions, Wrinkle finish. F. E. Drummond and W. A. Waldie. 2,373,177; Apr. 10.
Drying device. R. Sardeson. 2,369,803; Feb. 20.
Drying lumber, Method and apparatus for. H. J. Luth and S. R. Krupnick. 2,387,595; Oct. 23.
Drying machine, Sock and stocking. E. F. Wesley. 2,370,432; Feb. 27.
Drying of materials. J. D. Porsche and G. Josh. 2,374,455; Apr. 24.
Drying oils, varnishes, and lacquers, Production of water dispersions of. P. Stamberger. 2,391,041; Dec. 18.
Dual brake. C. J. Whitacre. 2,382,927; Aug. 14.
Dual engine vehicle. B. W. Keese and A. J. Hazen. 2,384,470; Sept. 11.
Dual ignition system. R. F. Horton. 2,367,023; Jan. 9.
Dual production device. W. E. Lynd. 2,370,476; Feb. 27.
Dual release mechanism. F. Smith. 2,384,651; Sept. 11.
Dual-rotation test drive. T. C. Jackson. 2,374,207; Apr. 24.
Dual wheel assembly. C. S. Ash. 2,367,748; Jan. 23.
Dual wheel brake. C. S. Ash. 2,372,047; Mar. 20.
Dual wheeled vehicle. C. S. Ash. 2,386,030; Oct. 2.
Duct system. F. W. Foisy. 2,379,632; July 3.
Ducts, Fireproofing grease. A. Bartel. 2,367,918; Jan. 23.
Dumb-waiter system, Multiple-car. L. H. Kiesling. 2,370,546; Feb. 27.
Dump control, Scraper. R. B. Laird. 2,389,199; Nov. 20.
Dump, Wagon. O. L. Owens. 2,373,848; Apr. 17.
Dumper, Car. R. W. Crist. 2,381,723; Aug. 7.
Dumping apparatus. J. H. Fletcher. 2,384,904; Sept. 18.
Dumping vehicle. P. C. Nilles. 2,367,425; Jan. 16.
Duplex balance indicator. A. F. Connery. 2,379,866; July 10.
Duplex elastic seal. J. Mercier. 2,386,873; Oct. 16.
Duplex machine for simultaneously machining two members. J. W. Howlett. 2,389,461; Feb. 13.
Duplex reversible toolholder. J. Lipani. 2,385,010; Sept. 18.
Duplex vibration absorption mount. C. S. Robinson. 2,368,727; Feb. 6.
Duplicating and printing machine, Combined. J. D. Tyler. 2,366,884; Jan. 9.
Duplicating apparatus. E. Wilderson. 2,380,004; July 10.
Duplicating form, Screen type transfer agent. J. R. Kendig. 2,381,170; Aug. 7.
Duplicating machine. C. H. Bradt. 2,387,739–40; Oct. 30.
Duplicating machine. F. R. Ford. 2,380,744; July 31.
Duplicating machine. R. R. Rockhill. 2,374,039; Apr. 17.
Duplication system. A. L. Erickson and R. R. Haskell. 2,368,531; Jan. 30.
Duplicator, Dual. O. E. Rosen. 2,372,604; Mar. 27.
Duplicator for machine tools. C. Johnson. 2,372,426; Mar. 27
Dust collecting apparatus. M. Litman. 2,384,688; Sept. 11.
Dust collector. H. W. Curtis. 2,372,316; Mar. 27.
Dust collector. G. H. Young. 2,375,608; May 8.
Dust collector for grinding and other machines. C. H. Antrim. 2,384,414; Sept. 4.
Dust exhausting device for surfacing wheels. H. G. Elsler. 2,383,454; Aug. 28.
Dust in the screening of dust-laden material, Controlling. W. J. Parks. 2,382,252; Aug. 14.
Dust separation, Grinding. A. L. Feild. 2,388,731; Nov. 13.
Dust separator. W. R. Appeldoorn. 2,375,203; May 8.
Dust valve mechanism. F. B. Allen. 2,368,395; Jan. 30.
Duster. V. A. Potholm. 2,391,070; Dec. 18.
Duster, Broom. P. B. Coats. 2,382,205; Aug. 14.
Duster, Flour. E. S. Tascher. 2,391,195; Dec. 4.
Dusting apparatus. D. Parker. 2,388,798; Nov. 13.
Dusting machine. C. T. Rasmussen and R. D. Griff. 2,370,914; Mar. 6.
Dye compositions containing mixed diamides of dibasic acids, Vat. R. H. Kienle and C. A. Amick. 2,371,103; Mar. 6.
Dye intermediates, Azo. V. Weinmayr. 2,378,453; June 19.
Dye intermediates comprising bis-acylacetamides. A. B. Jennings. 2,368,302; Jan. 30.
Dye intermediates, Immobile N-substituted naphthylamine. J. E. Kirby and D. W. Woodward. 2,389,575; Nov. 20.
Dyeing. C. M. Croft and W. H. Hindle. 2,380,503; July 31.
Dyeing. H. E. Millson. 2,366,347; Jan. 2.
Dyeing machine. A. J. Emerson. 2,380,100; July 10.
Dyeing process. R. Burns. 2,371,221; Mar. 13.
Dyeing woolen and other nitrogeneous textile material. H. J. Walter. 2,387,200; Oct. 16.
Dyes, Azo. M. L. Crossley and B. L. West. 2,386,596; Oct. 9.
Dyes, Direct blue azo. C. E. Sparks. 2,370,500; Feb. 27.
Dyes, Disazo naphthopyridine. C. S. Argyle. 2,380,488; July 31.
Dyes for wire drawing, Preparation of diamond. A. E. Jones. 2,385,137; Sept. 18.
Dyes, Intermediate for azo. W. V. Wirth and J. V. Vaughen. 2,370,339; Feb. 27.
Dyes, Producing cyanine. P. Nawiasky and R. J. Speer. 2,378,783; June 19.
Dyes, Red monazo wool. D. E. Kvalnes. 2,374,137; Apr. 17.
Dyes, Retardation of diffusion of sensitizing. E. B. Knott. 2,367,508; Jan. 16.
Dyes, Retarding diffusion of sensitizing. C. J. Staud. 2,376,202; May 15.
Dyestuff and starting material therefor, Preparation of a green. R. Bloch and I. Schnerb. 2,383,762; Aug. 28.
Dyestuff, Anthraquinone. G. W. Seymour and B. T. Pull. 2,366,682; Feb. 6.
Dyestuff derivatives of 5-amino-1,3 benzodioxole, Azo. H. Z. Lecher and J. P. Goulding. 2,387,848; Oct. 30.
Dyestuff intermediate products. H. Loleit and G. Wilmanns. 2,378,779; June 19.

Dyestuff intermediates. J. D. Kendall. 2,383,255; Aug. 21.
Dyestuff intermediates, Cyanine. J. D. Kendall, H. G. Suggate, and H. W. Wood. 2,368,222; Jan. 30.
Dyestuff intermediates, Cyanine. J. D. Kendall, H. W. Wood and J. R. Majer. 2,372,960; Apr. 3.
Dyestuff of the anthrimide carbazole type, New vat. G. M. Smyth. 2,385,113; Sept. 18.
Dyestuffs. J. D. Kendall. 2,368,305; Jan. 30.
Dyestuffs. J. D. Kendall and D. J. Fry. 2,385,815; Oct. 2.
Dyestuffs. J. D. Kendall and J. R. Majer. 2,369,355; Feb. 13.
Dyestuffs and preparing the same, Sulphur. A. L. Fox. 2,369,668; Feb. 20.
Dyestuffs and preparing them, Polymethine. H. von Freyberg and H. Koch. 2,385,747; Sept. 25.
Dyestuffs and the improvement of the tinctorial properties of pigments, Pigment. A. Bucher. 2,378,283; June 12.
Dyestuffs and their manufacture, Azo. J. T. Thurston. 2,367,072; Jan. 9.
Dyestuffs and their manufacture, Stilbene. E. Keller. 2,385,862; Oct. 2.
Dyestuffs, Asymmetrical urea disazo. O. Kaiser. 2,375,561; May 8.
Dyestuffs, Azo. R. Fleischhauer, A. Müller, and C. T. Scholtis. 2,384,419; Sept. 4.
Dyestuffs, Azo. J. H. Trepagnier. 2,373,926; Apr. 17.
Dyestuffs, Cyanine. D. J. Fry and J. D. Kendall. 2,385,963; Nov. 13.
Dyestuffs, Disazo. R. Fleischhauer and A. Muller. 2,385,698; Sept. 25.
Dyestuffs, Disazo. W. B. Reynolds, S. S. Rossander, and D. E. Kvalnes. 2,367,053; Jan. 9.
Dyestuffs fast to acid fading, Anthraquinone. G. W. Seymour and V. S. Salvin. 2,368,681; Feb. 6.
Dyestuffs for anthraquinone series and their manufacture. E. Gutswiller. 2,377,145; May 29.
Dyestuffs, Manufacture of. N. H. Haddock. 2,368,657–8; Feb. 6.
Dyestuffs, Metallizable polyazo triazine. O. Kaiser. 2,387,997; Oct. 30.
Dyestuffs, Metallizable triazine azo. O. Kaiser. 2,391,164; Dec. 18.
Dyestuffs, Methine. W. Mueller. 2,374,880; May 1.
Dyestuffs, Mixtures of azo. F. Felix and A. Heckendorn. 2,384,734; Sept. 11.
Dyestuffs, Monoazo. B. J. Heywood, A. H. Knight, and M. Lapworth. 2,370,537; Feb. 27.
Dyestuffs, Monoazo. A. H. Knight. 2,384,749; Sept. 11.
Dyestuffs, Monoazo. A. H. Knight. 2,384,755; Sept. 11.
Dyestuffs, Monoazo. A. H. Knight and W. E. Stephen. 2,373,693; Apr. 17.
Dyestuffs, Monoazo. A. H. Knight and W. E. Stephen. 2,374,158; Apr. 17.
Dyestuffs, Monoazo. A. H. Knight and W. E. Stephen. 2,384,752–4; Sept. 11.
Dyestuffs, Monoazo. J. Scheidegger. 2,380,122; July 10.
Dyestuffs, Monoazo acid. A. H. Knight and W. E. Stephen. 2,384,750–1; Sept. 11.
Dyestuffs of the anthraquinone series. W. Dettwyler. 2,373,817; Apr. 17.
Dyestuffs of the anthraquinone series, Acid wool. R. N. Lutek and O. H. Johnson. 2,369,969; Feb. 20.
Dyestuffs of the stilbene series and making same. E. Keller and R. Zweidler. 2,368,844; Feb. 6.
Dyestuffs of the stilbene series, Azo. W. S. Eagle. 2,386,847; Oct. 16.
Dyestuffs suitable for use as indicators. W. F. Short and P. Oxley. 2,376,283; May 15.
Dyestuffs, Symmetrical diazazo. K. F. Conrad and L. F. Koberlein. 2,384,283; Sept. 4.
Dynamoelectric machine. J. C. Bell. 2,387,050; Oct. 16.
Dynamoelectric machine. F. Felix and A. C. Hugin. 2,387,062–63; Oct. 16.
Dynamoelectric machine. A. Fisher. 2,385,199; Sept. 18.
Dynamoelectric machine. N. J. Greene and M. Liwschitz-Garik. 2,370,348; Feb. 27.
Dynamoelectric machine. A. C. Lane. 2,371,962; Mar. 20.
Dynamoelectric machine. H. M. Martin. 2,374,028; Apr. 17.
Dynamoelectric machine. H. M. Martin. 2,376,441; May 22.
Dynamoelectric machine. H. M. Martin. 2,386,701; Oct. 9.
Dynamoelectric machine. T. W. Moore. 2,383,669; Aug. 28.
Dynamoelectric machine. J. E. Mulhelm. 2,385,022; Sept. 18.
Dynamoelectric machine. F. J. Sigmund and W. S. Hlavin. 2,371,193; Mar. 13.
Dynamoelectric machine. M. A. Whiting. 2,385,670; Sept. 25.
Dynamoelectric machine. H. G. Wiest. 2,367,079; Jan. 9.
Dynamoelectric machine and ventilating system therefor, Direct-current. C. Lynn. 2,381,296; Aug. 7.
Dynamoelectric machine, Cooling means for. F. J. Sigmund and W. S. Hlavin. 2,390,130; Dec. 4.
Dynamoelectric machines, Controlling automatically the speed of. P. Adorjan, J. E. Nash, and E. W. Rogers. 2,366,167; Jan. 2.
Dynamometer. C. C. Bennett. 2,372,704; Apr. 3.
Dynamometer. F. A. Garrett. 2,372,420; Mar. 27.
Dynamometer. A. C. Hagg and J. Boyd. 2,389,361; Nov. 20.
Dynamometer. H. M. Martin. 2,391,024; Dec. 18.
Dynamometer. A. R. Rogowski. 2,373,262; Apr. 10.
Dynamometer test system. D. E. Garr. 2,378,766; June 19.
Dynamometer test system. J. A. Maul. 2,367,596; Jan. 16.
Dynamometer, Tiltable. H. O. Hem. 2,387,148; Oct. 16.
Earcap. W. Fiedler. 2,378,398; June 19.
Earring. L. Hoffman. 2,384,915; Sept. 18.
Earring. L. C. Mark. 2,391,635; Dec. 25.
Earring clip. M. Chernow. 2,389,295; Nov. 20.
Earring, Clip type. L. W. Hubbell. 2,377,688; June 5.
Earring, Contact. M. C. Meyer. 2,370,808; Mar. 6.
Earth boring tool. C. E. Reed. 2,369,979; Feb. 20.
Earth fault protection arrangement. J. Jonas. 2,381,668; Aug. 7.
Earth formations, Analyzing. H. F. Sturgis. 2,379,045; June 26.
Earth mover and bulldozer. E. C. Gledhill. 2,387,656; Oct. 23.
Earth-moving equipment. A. K. Brumbaugh. 2,374,410; Apr. 24.
Earth-moving machine. J. S. Burns. 2,371,502; Mar. 13.
Easel. G. C. Klick. 2,376,063; May 15.
Easel. A. M. Rosaman. 2,376,452; May 22.
Easel back for pictures. R. W. Scheyer. 2,380,076; July 10.
Easel, Display. J. H. Puerner. 2,388,435; Nov. 6.
Easy opening, reclosable container. C. H. Bloedorn. 2,382,378; Aug. 14.
Eccentric type steel plate lifting clamp. J. C. Renfroe. 2,379,652; July 3.
Ecclesiastical equipment. N. V. Casson. 2,385,607; Sept. 25.
Echo effects in picture transmission systems, Method and apparatus for reducing. F. J. Bingley and W. E. Bradley. 2,386,087–8; Oct. 2.
Echo effects in picture transmission systems, Method and apparatus for reducing. D. B. Smith. 2,369,614; Feb. 13.
Echo sounding apparatus. A. M. Nicolson. 2,378,949; June 26.
Echo-sounding device with arrested indicators. P. Orlich and H. Hartz. 2,384,766; Sept. 11.
Eddy-current apparatus. M. P. Winther. 2,367,636. Jan. 16.
Edge gluing machine. O. S. Bolling. 2,373,376; Apr. 10.
Edge grinding machine, Lens. J. C. Andersen. 2,369,114; Feb. 13.
Edging machine. R. F. Taber. 2,383,896; Aug. 28.
Edible product and its production. M. L. Balsarini. 2,386,775; Oct. 16.
Editing table. J. Bolsey. 2,381,997; Aug. 14.
Educational appliance. R. J. Patterson. 2,377,100; May 29.
Educational device. L. D. Schoolfield and J. B. Timberlake. 2,369,804; Feb. 20.
Educational device, Visual. J. F. Jaros. 2,387,758; Oct. 30.
Educational test machine. A. B. Carlisle. 2,373,164; Apr. 10.
Eductor. P. Berman. 2,382,391; Aug. 14.
Egg albumen, Manufacture of water-soluble. F. F. Pollak. 2,377,961; June 12.
Egg candling apparatus. E. Bramson. 2,370,121–2; Feb. 27.
Egg cooker, Electric. J. Pelenberg. 2,372,978; Apr. 3.
Egg grading machine. J. S. Campbell, W. Brown, and O. A. Douglas. 2,381,035; Aug. 7.
Egg production of fowls, Increasing the. C. W. Turner and E. P. Reineke. 2,385,117; Sept. 18.
Egg separator. I. J. Fedje. 2,383,245; Aug. 21.
Egg separator. L. D. Mink. 2,382,737; Aug. 14.
Egg thawing. G. P. Hodson. 2,373,682; Apr. 17.
Egg washing machine. J. R. Bayles. 2,371,867; Mar. 20.
Egg whites, Treatment of. C. H. Parsons and L. D. Mink. 2,377,644; June 5.
Ejecting device, Cigarette. N. P. Courtney. 2,382,977; Aug. 21.
Ejector. R. R. Boyles and E. A. Wilhelm. 2,376,326; May 22.
Ejector. D. F. Winteringham. 2,380,714; July 31.
Ejector and guard for chuck keys. L. Jernigan. 2,388,414; Nov. 6.
Ejector, Automatic work. C. R. Moon. 2,367,515; Jan. 16.
Ejector-condenser. H. L. Murray. 2,378,425; June 19.
Ejector, Rivet. C. Offutt. 2,390,318; Dec. 4.
Elapsed time indicator. H. M. Bascom. 2,366,476; Jan. 2.
Elastic collar clasp. A. C. Patch. 2,368,724; Feb. 6.
Elastic fluid turbine diaphragms and the like, Making. H. Flatch. 2,373,558; Apr. 10.
Elastic strips in supports, Securing. E. Steccone. 2,376,098; May 15.
Elastomers, Butadiene-styrene. J. R. Vincent. 2,387,481; Oct. 23.
Elastomers from ethylene interpolymers. A. McAlevy, D. E. Strain, and F. S. Chance. 2,388,169; Oct. 30.
Elastomers, Manufacture of synthetic. J. F. Olin. 2,378,030; June 12.

Elastomers, Processing of synthetic. J. R. Vincent. 2,378,519; June 19.
Elastomers, Synthetic. J. Kamlet. 2,378,559; June 19.
Electric apparatus. E. H. Brink. 2,382,199; Aug. 14.
Electric apparatus. K. K. Paluev. 2,388,565–6; Nov. 6.
Electric apparatus. M. Unger. 2,368,503; Jan. 30.
Electric apparatus. C. M. Wheeler. 2,380,813; July 31.
Electric apparatus and winding therefor. K. K. Paluev. 2,368,506; Jan. 30.
Electric arc furnace. R. Nissim. 2,368,998; Feb. 6.
Electric boiling plate. C. B. Backer. 2,370,767; Mar. 6.
Electric brake mechanism. J. H. Nelson and H. Servis. 2,385,459; Sept. 25.
Electric broiling device. A. C. Orkfritz. 2,374,302; Apr. 24.
Electric brushes, Method and apparatus for prolonging the life of. E. I. Shobert, II. 2,389,214; Nov. 20.
Electric cable. J. F. Barry and M. A. Logan. 2,375,272; May 8.
Electric cable. P. V. Hunter, H. J. Allcock, and R. M. Fairfield. 2,377,153; May 29.
Electric cable reel. H. R. Gross. 2,375,917; May 15.
Electric cable sheath. C. E. Bennett. 2,375,067; May 1.
Electric cable, Supporting. J. N. St. Clair. 2,390,192; Dec. 4.
Electric cable system. C. E. Bennett. 2,368,097; Jan. 30.
Electric cable system. F. J. White. 2,382,120; Aug. 14.
Electric cables, Manufacture of. R. S. Vincent. 2,374,514; Apr. 24.
Electric chucks, Fabrication of. D. F. Gotha. 2,388,737; Nov. 13.
Electric circuit. L. F. Blume. 2,374,974; May 1.
Electric circuit. S. B. Crary. 2,366,493; Jan. 2.
Electric circuit. S. Minneci. 2,381,768; Aug. 7.
Electric circuit. W. N. Olson. 2,380,865; July 31.
Electric circuit. Z. O. St. Palley. 2,374,050; Apr. 17.
Electric circuit. Z. O. St. Palley. 2,366,679; Jan. 2.
Electric circuit. J. L. Stratton. 2,378,807; June 19.
Electric circuit arrangement employing delay networks. K. W. Pfleger. 2,379,744; July 3.
Electric circuit breaker. S. B. Woolard. 2,380,817; July 31.
Electric circuit breaker, Gas blast. R. M. Bennett. 2,382,850; Aug. 14.
Electric circuit controller. A. P. Charbonneau, F. J. Russell, and E. W. Seeger. 2,376,658; May 22.
Electric circuit controller. J. M. Tyrner. 2,388,023; Oct. 30.
Electric circuit for motor vehicles. R. Linder. 2,372,438; Mar. 27.
Electric circuit interrupter. J. D. Gayer. 2,375,642; May 8.
Electric circuit interrupter. T. W. Wilcox. 2,391,759; Dec. 25.
Electric circuits. J. C. Frommer. 2,381,155; Aug. 7.
Electric clock. J. Fink and T. B. Gibbs. 2,374,987; May 1.
Electric clock system. O. H. and R. H. Dicke. 2,377,617; June 5.
Electric condenser. C. E. Maitland. 2,380,774; July 31.
Electric condenser. J. C. Quayle and W. C. Handley. 2,374,499; Apr. 24.
Electric condensers, Stabilization of. D. A. McLean. 2,391,687; Dec. 25.
Electric connector. C. S. Schroeder. 2,369,860; Feb. 20.
Electric contact. F. R. Hensel. 2,371,239; Mar. 13.
Electric contact. F. R. Hensel, K. L. Emmert, and J. W. Wiggs. 2,371,240; Mar. 13.
Electric contacts. E. I. Shobert, II. 2,382,338; Aug. 14.
Electric control apparatus. H. F. Elliott. 2,367,763; Jan. 23.
Electric control apparatus. H. Klemperer. 2,375,229; May 8.
Electric control circuit. M. E. Bivens. 2,390,982; Dec. 18.
Electric control circuit. B. Cooper and O. W. Livingston. 2,373,545; Apr. 10.
Electric control circuit. E. V. Kinsman. 2,372,005; Mar. 20.
Electric control circuit. O. W. Livingston. 2,366,537; Jan. 2.
Electric control circuit. O. W. Livingston. 2,373,544; Apr. 10.
Electric control circuit. O. W. Livingston. 2,385,214; Sept. 18.
Electric control circuit. D. M. Terry. 2,379,262; June 26.
Electric control for fluid operated machines, Safety. R. C. Lechler. 2,369,243; Feb. 13.
Electric control system. M. A. Edwards. 2,386,040; Oct. 2.
Electric control system. E. H. Haug. 2,388,845; Nov. 13.
Electric control system. J. R. Lindsay. 2,366,415; Jan. 2.
Electric control system. E. E. Moyer. 2,387,601; Oct. 23.
Electric control system. Z. O. St. Palley. 2,366,678; Jan. 2.
Electric control system. K. Sarafian. 2,386,981; Oct. 16.
Electric control system. P. J. Walsh. 2,368,953; Feb. 6.
Electric control system. S. Weiss. 2,387,047; Oct. 16.
Electric controller. K. Mahnke. 2,372,102; Mar. 20.
Electric controlling apparatus. G. M. Stapleton. 2,377,726; June 5.
Electric controlling system. A. Patin. 2,380,784; July 31.
Electric cooking apparatus. G. Smith. 2,386,009; Oct. 2.
Electric cord terminal. G. B. Benander. 2,371,494; Mar. 13.
Electric cribbage board. F. Satoris, Sr. 2,375,040; May 1.
Electric current converting system. J. G. Linn. 2,391,787; Dec. 25.
Electric current rectifier of the selenium type, Alternating. L. E. Thompson and A. Jenkins. 2,380,880; July 31.
Electric cutout. G. F. Lincks. 2,379,729; July 3.
Electric cutting, Subaqueous. E. Seifried. 2,387,042; Oct. 16.
Electric detonator. J. Stuart, II. 2,389,086; Nov. 13.
Electric device for signaling the position of a movable mark. M. Koulicovitch. 2,375,665; May 8.
Electric discharge apparatus. F. H. Gulliksen. 2,367,940; Jan. 23.
Electric discharge apparatus. G. E. Inman. 2,378,222; June 12.
Electric discharge device. J. Slepian and W. E. Berkey. 2,370,082; Feb. 20.
Electric discharge devices, Current-limiting control for. J. H. Campbell and J. O. Aicher. 2,368,410; Jan. 30.
Electric distribution system. L. R. Bogardus. 2,376,324; May 22.
Electric distributor ring for rotary knitting machines. M. Wachsman. 2,387,100; Oct. 16.
Electric drier. E. S. Hewitt. 2,375,920; May 15.
Electric drive and control system, Generating. T. O. Lillquist. 2,381,827; Aug. 7.
Electric engine control apparatus. C. L. Baumann, Jr. 2,381,250; Aug. 7.
Electric expansion joint. W. O. Hampton. 2,368,923; Feb. 6.
Electric flasher. P. H. Chase and J. V. O'Neill. 2,388,780; Nov. 13.
Electric follow-up mechanism. G. Olah. 2,387,174; Oct. 16.
Electric furnace. R. U. Volterra. 2,375,154; May 1.
Electric furnace water heater. W. E. Hudson. 2,377,785; June 5.
Electric gauge. R. Mestas. 2,369,909; Feb. 20.
Electric governor. H. F. Storm. 2,376,522; May 22.
Electric hammer. F. V. Rosenbrook. 2,387,771; Oct. 30.
Electric heater. T. P. Kouvallis. 2,380,180; July 10.
Electric heater. E. Van Schaack. 2,391,207; Dec. 18.
Electric heater. E. B. Williams. 2,385,121; Sept. 18.
Electric heating apparatus and heating crank case oils. J. D. Morgan and P. B. Levitt. 2,389,925; Nov. 27.
Electric heating pad. G. C. Heinrich. 2,382,312; Aug. 14.
Electric heating system. W. F. Ogden. 2,368,488; Jan. 30.
Electric heating unit. L. N. Hampton and A. H. Shangle. 2,369,045; Feb. 6.
Electric heating unit. W. R. Tuttle. 2,368,051; Jan. 23.
Electric high-frequency generator. L. Dreyfus. 2,369,287; Feb. 13.
Electric hot water heater. T. N. Hall. 2,376,537; May 22.
Electric hygrometer. G. Bouyoucos. 2,367,561; Jan. 16.
Electric ignition system for gaseous fuel burners. B. C. Douglas. 2,388,909; Nov. 13.
Electric impulse signaling system. B. M. Hadfield. 2,366,854; Jan. 9.
Electric induction apparatus. G. Camilli. 2,369,135; Feb. 13.
Electric induction apparatus. G. Camilli. 2,382,857; Aug. 14.
Electric induction apparatus. F. R. D'Entremont. 2,391,229; Dec. 18.
Electric induction apparatus. A. N. Garin. 2,374,597; Apr. 24.
Electric induction apparatus. G. D. Holmberg and L. W. Foster. 2,372,950; Apr. 3.
Electric induction furnace. M. H. Hance. 2,385,983; Oct. 2.
Electric instrument relay. M. S. Snell. 2,373,202; Apr. 10.
Electric iron. B. G. Olving. 2,371,257; Mar. 13.
Electric iron. T. F. Saffady. 2,382,101; Aug. 14.
Electric iron. F. W. Scharf. 2,373,345; Apr. 10.
Electric iron. A. G. Thomas. 2,382,587; Aug. 14.
Electric iron hand grip. T. F. Saffady. 2,384,642; Sept. 11.
Electric lamp. G. C. Singer. 2,374,709; May 1.
Electric lamp screen. G. H. Elg. 2,383,116; Aug. 21.
Electric lantern. E. E. Drumm. 2,380,636–7; July 31.
Electric lighting device. T. E. D. Bilde. 2,368,700; Feb. 6.
Electric lighting fixture. L. J. Rozier. 2,375,589; May 8.
Electric lock. H. L. Bone. 2,387,115; Oct. 16.
Electric lock. H. K. Steiner. 2,390,815; Dec. 11.
Electric machine. V. W. Sherman and E. Gonyou. 2,372,453; Mar. 27.
Electric maneuvering board. W. H. T. Holden. 2,382,994; Aug. 21.
Electric meter. R. D. Hickok. Re. 22,623; Mar. 27.
Electric motor. J. C. Bryan. 2,391,005; Dec. 18.
Electric motor. C. Swift. 2,383,828; Aug. 28.

Electric motor construction. G. R. Coss and F. K. Comiskey. 2,372,660; Apr. 3.
Electric motor control system. H. S. Ogden. 2,378,785; June 19.
Electric motor control system. H. S. Ogden. 2,383,813; Aug. 28.
Electric motor protective system. L. P. Crosman. 2,367,646; Oct. 23.
Electric motor rotors, Making. H. E. Pancher. 2,384,489; Sept. 11.
Electric motors, Permanent magnet. S. I. Hitchcock. 2,374,998; May 1.
Electric motors, Torque controlled. E. T. Schmucker. 2,367,533; Oct. 23.
Electric nail filler. H. Harris. 2,389,665; Nov. 27.
Electric oil heating apparatus. J. D. Morgan and P. B. Lavitt. 2,373,064; Apr. 3.
Electric operating means for circuit breakers. J. W. May. 2,381,302; Aug. 7.
Electric pipe forming. S. and A. Westin. 2,371,090; Mar. 6.
Electric plug. E. C. Stee. 2,390,852; Dec. 11.
Electric position indicator. F. S. Mabry. 2,370,056; Feb. 20.
Electric potential variations of triangular form, Production of. P. Nagy and M. J. Goddard. 2,369,749; Feb. 20.
Electric power cable. J. K. Webb. 2,385,558; Sept. 25.
Electric primary battery. R. W. W. Sanderson. 2,375,875; May 15.
Electric protective arrangement. C. D. Hayward. 2,374,994; May 1.
Electric protective arrangement. G. W. B. Mitchell. 2,376,074; May 15.
Electric protective device. H. T. Bussmann. 2,376,863; May 29.
Electric protective means. E. J. Schaefer. 2,369,986; Feb. 20.
Electric protective system. C. A. Petersen. 2,382,908; Aug. 14.
Electric razor casing and cord support, Combined. R. C. Wilson. 2,383,031; Aug. 21.
Electric reaction furnace. B. Berkhaus and W. Burkhardt. 2,371,278; Mar. 13.
Electric regulating and control system. L. W. Thompson. 2,366,577; Jan. 2.
Electric regulating apparatus. E. H. Haug. 2,380,521; July 31.
Electric regulator. A. H. Chilton and L. R. Nixon. 2,374,417; Apr. 24.
Electric regulator. F. Newton. 2,375,320; May 8.
Electric regulator. L. R. Nixon. 2,366,283; Jan. 2.
Electric regulator. L. R. Nixon. 2,389,321; Nov. 20.
Electric relay system. C. P. Clare. 2,368,201; Jan. 30.
Electric resistance grid. L. Satchwell. 2,391,744; Dec. 25.
Electric resistance material and producing same, Non-metallic. K. Biefeld. 2,370,443; Feb. 27.
Electric resistor. R. H. Schmitt. 2,383,823; Aug. 28.
Electric safety water light. A. J. LeStrange and J. D. Gibson. 2,377,161; May 29.
Electric shaver. H. P. Ecloy. 2,369,821; Feb. 20.
Electric shock preventer. P. A. Sosnoskie. 2,372,858; Apr. 3.
Electric signaling system. E. F. Bates. 2,367,258; Jan. 16.
Electric signaling system. E. W. Durkin. 2,377,544 June 5.
Electric soldering apparatus. G. L. Ward. 2,385,118; Sept. 18.
Electric soldering iron. F. C. Kollath. 2,366,910; Jan. 9.
Electric squib. E. J. Hanley. 2,370,159; Feb. 27.
Electric steam iron. S. Stone. 2,368,048; Jan. 23.
Electric storage cells, Manufacture of. P. D. Payne. 2,379,374; June 26.
Electric switch. E. H. Ayers and A. G. Elmendorf. 2,390,344; Dec. 4.
Electric switch. T. Birkenmaier. 2,367,090; Jan. 9.
Electric switch. H. C. Bolley and E. E. Johnson. 2,380,933; Aug. 7.
Electric switch. P. M. Christensen. 2,372,881; Apr. 3.
Electric switch. E. J. Dillman. 2,374,636; Apr. 24.
Electric switch. J. Eaton. 2,375,216; May 8.
Electric switch. R. W. Goff. 2,379,704; July 3.
Electric switch. R. W. Goff. 2,390,365; Dec. 4.
Electric switch. T. E. Graves. 2,390,145; Dec. 4.
Electric switch. W. A. Gussow. 2,385,507; Sept. 25.
Electric switch. H. C. Harrison. 2,387,017; Oct. 16.
Electric switch. P. Hutt. 2,366,530; Jan. 2.
Electric switch. P. B. Korneke. 2,383,805; Aug. 28.
Electric switch. A. W. Krieger. 2,374,868; May 1.
Electric switch. F. G. Logan. 2,378,022; June 12.
Electric switch. H. W. Lord. 2,372,965; Apr. 3.
Electric switch. O. Maseng. 2,378,648; June 19.
Electric switch. H. A. Nickell. 2,374,615; Apr. 24.
Electric switch. H. Perret. 2,382,022; Aug. 14.
Electric switch. C. A. Schaefer. 2,388,342; Nov. 6.
Electric switch. S. G. Sears. 2,385,165; Sept. 18.
Electric switch. G. M. Stapleton. 2,378,162; June 12.
Electric switch. H. E. Strang. 2,379,761; July 3.
Electric switch. H. L. Van Valkenburg. 2,381,848; Aug. 7.
Electric switch. W. H. Woods. 2,384,412; Sept. 4.
Electric switch and switch operating mechanism. C. A. Christofferson. 2,371,738; Mar. 20.
Electric switch construction. N. C. Fetter. 2,374,986; May 1.
Electric switch mechanism. R. P. Ballou and D. F. Daly. 2,370,515; Feb. 27.
Electric switch mechanism. I. E. McCabe. 2,371,455; Mar. 13.
Electric switch plug and socket indicator. L. Frank. 2,380,588; July 31.
Electric switching system. J. F. McKenney. 2,391,250; Dec. 18.
Electric system. T. M. Ferrill, Jr. 2,370,724; Mar. 6.
Electric systems, Protection of. C. D. Hayward. 2,384,375; Sept. 4.
Electric tank heater. C. M. Osterheld. 2,367,368–9; Jan. 16.
Electric tank heater. C. M. Osterheld. 2,368,772; Feb. 6.
Electric time delay relay. E. V. Kinsman. 2,368,477; Jan. 30.
Electric toaster. R. Barker. 2,368,440; Jan. 30.
Electric torch which floats lamp uppermost in water. C. W. Saunders. 2,381,520; Aug. 7.
Electric traction and control system, Generating. T. O. Lilliquist. 2,371,833; Mar. 20.
Electric traction-motor. R. H. Wagner and E. O. Mueller. 2,381,324; Aug. 7.
Electric transformer. A. N. Garin. 2,369,038; Feb. 6.
Electric translating apparatus. O. Kiltie. 2,372,966; Apr. 3.
Electric translating apparatus and control equipment therefor. M. M. Morack. 2,388,072; Oct. 30.
Electric translating system. W. H. Unger. 2,368,052; Jan. 23.
Electric tube. U. Funaroff. 2,367,570; Jan. 16.
Electric turret traverse. C. R. Hanna, S. Mikina, and L. B. Lynn. 2,385,203; Sept. 18.
Electric vacuum switch. W. L. Jones, Jr. 2,383,973; Sept. 4.
Electric valve circuit. M. E. Bivens. 2,370,287; Feb. 27.
Electric valve circuit. O. W. Livingston. 2,370,178; Feb. 27.
Electric valve circuit. A. Schmidt, Jr. 2,366,561; Jan. 2.
Electric valve control system. I. K. Dortort. 2,373,297; Apr. 10.
Electric valve control system. O. W. Livingston. 2,371,056; Mar. 6.
Electric valve control system. O. W. Livingston. 2,372,964; Apr. 3.
Electric valve protective system. A. H. Mittag. 2,366,544; Jan 2.
Electric valve protective system. H. Winograd. 2,391,812; Dec. 25.
Electric valve system. O. W. Livingston. 2,382,243; Aug. 14.
Electric valve system, Light sensitive. B. Cooper. 2,373,543; Apr. 10.
Electric valve translating apparatus, and operating the same. B. D. Bedford. 2,389,889; Nov. 27.
Electric valve translating apparatus and operation. A. H. Mittag and A. Schmidt, Jr. 2,386,068; Oct. 2.
Electric vaporizer. J. Robinson. 2,366,753; Jan. 9.
Electric vibration generator. A. M. Dudley. 2,384,987; Sept. 18.
Electric warp stop motion. O. V. Payne. 2,391,591; Dec. 25.
Electric water heater. F. E. Hummel. 2,378,772; June 19.
Electric wave filter. R. A. Sykes. 2,373,431; Apr. 10.
Electric weft detector for looms. O. V. Payne. 2,377,102; May 29.
Electric weft detector for looms. R. G. Turner. 2,391,365; Dec. 18.
Electric welding. A. Vang. 2,385,043; Sept. 18.
Electric welding apparatus. K. N. Gray. 2,374,930; May 1.
Electric welding apparatus. G. G. Landis and N. J. Hoenle. 2,383,725; Aug. 28.
Electric welding machine. N. Rekosh. 2,375,439; May 8.
Electrical apparatus. L. H. Bedford, L. Jofeh, and W. H. Stevens. 2,387,110; Oct. 16.
Electrical apparatus. C. E. Bennett. 2,388,899; Nov. 13.
Electrical apparatus. J. Burnham and J. L. Hyde. 2,387,829; Oct. 30.
Electrical apparatus. D. Conlan. 2,383,100; Aug. 21.
Electrical apparatus. S. S. Cook. 2,384,799; Sept. 18.
Electrical apparatus. A. D. Forbes. 2,372,067; Mar. 20.
Electrical apparatus. T. D. Humphreys and E. M. Dodds. 2,367,866; Jan. 23.
Electrical apparatus. E. E. Littlefield. 2,373,697; Apr. 17.
Electrical apparatus. H. E. Somes. 2,372,529; Mar. 27.
Electrical apparatus. H. O. Stephens. 2,381,782; Aug. 7.
Electrical apparatus. C. A. Strickel. 2,379,602; July 3.
Electrical apparatus. J. F. Sullivan and R. M. Bendett. 2,367,975; Jan. 23.
Electrical apparatus adapted to operate at very high frequencies. D. C. Espley and J. W. Ryde. 2,377,680; June 5.
Electrical apparatus, Rotary. W. B. Whelan. 2,388,889; Nov. 13.
Electrical appliance. A. A. McCormack. 2,389,446; Nov. 20.

Electrical assembly. R. Lowit. 2,377,164; May 29.
Electrical bus bar. L. L. Bosch. 2,376,307; May 15.
Electrical capacitors, Manufacture of. A. J. Deyrup and K. H. Ballard. 2,390,025; Nov. 27.
Electrical capacitors, Preparation of. A. J. Deyrup, K. H. Ballard, and J. J. Strickarz. 2,389,419; Nov. 20.
Electrical cell apparatus. H. C. Marks. 2,382,735; Aug. 14.
Electrical circuit. E. D. Goodale. 2,370,399; Feb. 27.
Electrical circuit. H. H. Kaveler and R. G. Piety. 2,369,238; Feb. 13.
Electrical circuit protective device. F. S. Wheeler. 2,390,819; Dec. 11.
Electrical condenser. P. Robinson. 2,373,601; Apr. 10.
Electrical condenser and dielectric element. D. A. McLean. 2,391,686; Dec. 25.
Electrical condensers, Manufacture of. D. A. McLean. 2,391,688; Dec. 25.
Electrical condensers, Manufacturing. K. W. Jarvis. 2,387,759; Oct. 30.
Electrical condensers, Mounting. D. R. Clemons. 2,390,776; Dec. 11.
Electrical conducting composition. W. H. Holst. 2,372,829; Apr. 3.
Electrical conductor. H. A. Jackson. 2,375,656; May 8.
Electrical conductor, Insulated. J. J. Keyes. 2,370,046; Feb. 20.
Electrical conductor, Insulated. G. Shyter and A. L. Simison. 2,390,039; Nov. 27.
Electrical conductor unit assemblies. J. F. O'Brien. 2,385,839; Oct. 2.
Electrical conductors, Manufacturing. H. J. Kauth. 2,382,423; Aug. 14.
Electrical conductors to glider tow ropes, Attaching. E. H. Borgelt. 2,389,132; Nov. 20.
Electrical connection. R. J. Miller. 2,386,332; Oct. 9.
Electrical connection means. F. Beal. 2,380,916; Aug. 7.
Electrical connection means. F. Beal. 2,384,273; Sept. 4.
Electrical connection means. H. L. Newell. 2,386,056; Oct. 2.
Electrical connection, Shielded. L. F. Hahn. 2,367,175; Jan. 9.
Electrical connector. J. H. Andersen. 2,384,267; Sept. 4.
Electrical connector. J. M. Andersen. 2,386,177; Oct. 9.
Electrical connector. A. Anderson. 2,389,115; Nov. 20.
Electrical connector. G. B. Benander. 2,374,971; May 1.
Electrical connector. G. B. Benander. 2,389,455; Nov. 20.
Electrical connector. H. E. Brunelle, Jr. 2,385,191; Sept. 18.
Electrical connector. S. N. Buchanan. 2,379,567; July 3.
Electrical connector. S. N. Buchanan. 2,383,909; Aug. 28.
Electrical connector. V. E. Carlson. 2,374,413; Apr. 24.
Electrical connector. V. E. Carlson. 2,385,792; Oct. 2.
Electrical connector. H. Jensen. 2,371,446; Mar. 13.
Electrical connector. J. Malczweski. 2,369,590; Feb. 13.
Electrical connector. DeW. D. Merrick. 2,373,841; Apr. 17.
Electrical connector. S. Picard. 2,389,454; Nov. 20.
Electrical connector. C. R. Pieper. 2,382,095; Aug. 14.
Electrical connector. I. M. Schey, Jr. 2,377,187; May 29.
Electrical connector. A. J. Schmitt. 2,371,551; Mar. 13.
Electrical connector. L. L. Stoffel and A. A. Stark. 2,389,467; Nov. 20.
Electrical connector. H. B. White. 2,383,926; Aug. 28.
Electrical contact. E. I. Larsen, V. E. Heil, and E. F. Swazy. 2,390,595; Dec. 11.
Electrical contact device. C. A. Woodward. 2,369,630; Feb. 13.
Electrical contact element. C. W. Keitel. 2,379,641; July 3.
Electrical contact element. R. H. Savage. 2,387,614; Oct. 23.
Electrical contact point, Revolving. A. K. Wihanto. 2,387,961; Oct. 30.
Electrical contactor for wire or sheets. H. H. Francisco. 2,366,509; Jan. 2.
Electrical control means, Automatic. A. Patin. 2,383,942; Sept. 4.
Electrical control system. J. R. Albers. 2,386,921; Oct. 16.
Electrical control system. E. S. Bristol. 2,371,732; Mar. 20.
Electrical control system. C. E. Kew. Re. 22,588; Jan. 9.
Electrical control system. H. Klemperer. 2,366,197; Jan. 2.
Electrical control system. L. Z. La Forest. 2,372,435; Mar. 27.
Electrical control system. G. H. Pardey and C. L. Johnson. 2,377,365; June 5.
Electrical control system. H. C. Roters. 2,390,463; Dec. 4.
Electrical control system. R. H. Smith, L. E. Miller, and L. M. Dunning. 2,378,444; June 19.
Electrical controlling apparatus. P. H. Crago. 2,388,956; Nov. 13.
Electrical cooking apparatus. J. W. Myers. 2,387,460; Oct. 23.
Electrical coupling network. H. E. Thomas. 2,390,474; Dec. 4.
Electrical cutout. C. A. Fox. 2,376,996; May 29.
Electrical damping apparatus for weighing scales. R. T. Pounds. 2,366,286; Jan. 2.
Electrical deep well reciprocating pump assembly. A. Arutunoff. 2,377,743; June 5.
Electrical determination or control of chlorine in liquids. H. C. Marks. 2,382,734; Aug. 14.
Electrical device. C. T. Baxter. 2,385,340; Sept. 25.
Electrical device. A. G. Bugler and H. P. Heath. 2,388,667; Nov. 13.
Electrical device. H. I. Danziger. 2,377,213; May 29.
Electrical device. C. M. Rifenbergh. 2,391,038; Dec. 18.
Electrical device. C. W. Warwick. 2,385,665; Sept. 25.
Electrical distribution system. W. H. and R. L. Frank and L. E. Fisher. 2,372,267; Mar. 27.
Electrical distribution system. F. D. Johnson. 2,376,774; May 22.
Electrical distribution system. J. S. Parsons. 2,390,810; Dec. 11.
Electrical dust-precipitator system and interchangeable parts therefor. E. H. B. Pegg and I. R. Cummings. 2,380,992; Aug. 7.
Electrical energy conversion. H. J. Tyzzer. 2,389,472; Nov. 20.
Electrical fence charging apparatus. N. F. Agnew and W. P. Place. 2,375,458; May 8.
Electrical filter. H. L. Hartzell. 2,388,054; Oct. 30.
Electrical filter. W. M. Robinson. 2,383,890; Aug. 28.
Electrical fire preventing system for aircraft. A. Mathisen. 2,385,825; Oct. 2.
Electrical fixtures for use with filament gaseous lamps or the like. G. G. Ellner. 2,375,354; May 8.
Electrical fuse device. C. L. Schuck. 2,382,265; Aug. 14.
Electrical heating apparatus. W. M. Witty. 2,385,904; Oct. 2.
Electrical heating device or element. A. Shelby and C. F. Hilgeman. 2,371,475; Mar. 13.
Electrical heating element. G. Lewin; 2,372,212; Mar. 27.
Electrical heating element and producing the same. E. L. Wiegand. 2,375,058; May 1.
Electrical heating method. H. C. Gillespie. 2,370,624; Mar. 6.
Electrical heating of articles made of glass or other vitreous material. M. Descarsin. 2,385,567; Sept. 25.
Electrical impulse counting circuits. S. B. Ingram. 2,384,379; Sept. 4.
Electrical indicating instrument. R. A. Ammon. 2,388,897; Nov. 13.
Electrical induction apparatus. H. O. Stephens. 2,374,049; Apr. 17.
Electrical instrument. J. R. Keeling, Jr. 2,371,395; Mar. 13.
Electrical instrument. F. X. Lamb. 2,384,316; Sept. 4.
Electrical instrument and system. F. J. Lingel. 2,391,058; Dec. 18.
Electrical instrument mounting. J. F. Chapman and K. Riesz. 2,388,675; Nov. 13.
Electrical insulating material. C. G. Harford. 2,381,163; Aug. 7.
Electrical insulating material. J. F. Morley. 2,382,498; Aug. 14.
Electrical insulation. W. N. Stoops, C. E. Staff, and H. F. Wakefield. 2,375,960; May 15.
Electrical jack. H. M. McCoy. 2,366,730; Jan. 9.
Electrical logging. C. B. Aiken. 2,390,409; Dec. 4.
Electrical logging apparatus. G. G. Harrington. 2,388,141; Oct. 30.
Electrical machine. T. W. Vickers. 2,378,668–9; June 19.
Electrical mathematical educational appliance. A. H. Thomas. 2,389,394; Nov. 20.
Electrical measuring apparatus. E. O. Schweitzer, Jr. 2,375,591; May 8.
Electrical measuring device. A. J. Petzinger. 2,390,811; Dec. 11.
Electrical measuring device. F. C. Rushing. 2,367,965; Jan. 23.
Electrical measuring device. B. H. Smith. 2,372,127; Mar. 20.
Electrical measuring instrument. H. F. Bush and R. C. Hitchcock. 2,367,926; Jan. 23.
Electrical measuring instrument. F. E. Hiller. 2,382,315; Aug. 14.
Electrical measuring instrument. B. F. Lenehan. 2,367,950; Jan. 23.
Electrical measuring instrument. V. S. Thomander. 2,389,393; Nov. 20.
Electrical measuring instrument. D. A. Young and V. S. Thomander. 2,381,329; Aug. 7.
Electrical measuring system. A. Carson and I. Payne. 2,383,770; Aug. 28.
Electrical measuring system. A. J. Williams, Jr. 2,367,740; Jan. 23.
Electrical mechanism and wiring circuits therefor. C. E. Armstrong. 2,379,856; July 10.
Electrical method and apparatus for logging boreholes. C. B. Aiken. 2,388,896; Nov. 13.
Electrical method of and apparatus for the analysis or identification of gases, vapors and the like. L. T. Winkler. 2,387,550; Oct. 23.
Electrical musical apparatus. J. M. Hanert. 2,382,413; Aug. 14.
Electrical perforation of paper and other fabrics. J. W. Meaker. 2,372,508; Mar. 27.
Electrical precipitation. J. F. Chittum. 2,381,879; Aug. 14.

Electrical precipitation. H. J. White. 2,383,030; Aug. 21.
Electrical precipitation apparatus. C. W. Jacob. 2,381,455; Aug. 7.
Electrical precipitation apparatus. H. J. White. 2,369,877; Feb. 20.
Electrical prospecting. H. C. Hayes. 2,368,217–8; Jan. 30.
Electrical prospecting method and apparatus. J. W. Millington. 2,376,610; May 22.
Electrical prospecting system. H. M. Evjen. 2,375,775–7; May 15.
Electrical protective system. H. A. Travers and A. J. A. Peterson. 2,374,054; Apr. 17.
Electrical ratio meter. K. J. Knudsen. 2,391,168; Dec. 18.
Electrical relay. H. G. Blosser. 2,374,727; May 1.
Electrical relay. A. E. Dodd. 2,387,127; Oct. 16.
Electrical relay. J. F. Ebert. 2,391,400; Dec. 25.
Electrical relay device. W. F. F. Marton-Hurst. 2,373,587; Apr. 10.
Electrical relay system. E. L. Harder. 2,381,281; Aug. 7.
Electrical remote control. O. Stettler. 2,385,657; Sept. 25.
Electrical remote control or supervisor systems. E. M. S. McWhirter, R. H. Dunn, C. H. Chambers, and F. W. Warden. 2,369,678; Feb. 20.
Electrical remote-reading position-indicating apparatus. A. G. Conrad. 2,379,417; July 3.
Electrical resistance alloys. H. S. Cooper. 2,387,980; Oct. 30.
Electrical resistance element. R. R. Barrington. 2,371,211; Mar. 13.
Electrical resistance element. H. T. Heimberger. 2,386,905; Jan. 9.
Electrical resistance of conducting sheets, Determining the surface. R. A. McConnell. 2,371,636; Mar. 20.
Electrical resistors. A. Chanosky. 2,376,757; May 22.
Electrical silicon steel. M. H. Pakkala. 2,378,321; June 12.
Electrical stethoscope. B. Minsky. 2,385,221; Sept. 18.
Electrical strain gauge. V. S. Harrison. 2,388,966; Nov. 13.
Electrical switch. C. A. Fox. 2,367,391; Jan. 16.
Electrical switch. H. Goodman and R. M. Wolfe. 2,373,557; Apr. 10.
Electrical switch. E. M. Irwin, G. E. Lewis, R. H. Duval, B. H. Rule, and R. M. Chenoweth. 2,369,296; Feb. 13.
Electrical switch. A. L. Salter. 2,378,582; June 19.
Electrical switch. W. R. Young. 2,384,985; Sept. 18.
Electrical switching means. H. J. McCarthy. 2,382,646; Aug. 14.
Electrical system. J. J. Kennedy. Re. 22,643; May 22.
Electrical system. L. R. Ludwig and R. C. Bergvall. 2,383,327; Aug. 21.
Electrical system. D. E. Sunstein. 2,389,564; Nov. 20.
Electrical telemetering system. F. J. Lingel. 2,391,057; Dec. 18.
Electrical terminal. A. L. Becket. 2,372,653; Apr. 3.
Electrical terminal. K. A. Brainard. 2,380,936; Aug. 7.
Electrical terminal. A. G. Kalstein. 2,368,548; Jan. 30.
Electrical testing. F. D. Johnson. 2,376,775; May 22.
Electrical testing equipment. C. M. Horham. 2,366,789; Jan. 9.
Electrical time delay line. G. L. Tawney. 2,390,563; Dec. 11.
Electrical timing arrangment. C. E. P. Jones and J. W. Hotham. 2,373,247; Apr. 10.
Electrical timing circuit. W. T. Rea and J. R. Wilkerson. 2,370,685; Mar. 6.
Electrical transmission of messages. C. W. Hansell. 2,370,160; Feb. 27.
Electrical transmission testing system. H. S. Black. 2,372,759; Apr. 3.
Electrical wiring device. A. M. Geist and R. R. Winders. 2,391,409; Dec. 25.
Electrical wiring system. H. F. McLoughlin, W. E. Hill, R. W. Morgan, and T. G. Wintle. 2,382,647; Aug. 14.
Electrically heated device. B. P. McKinley. 2,391,065; Dec. 18.
Electrically heated drum-type furnace. H. Gallusser. 2,374,742; May 1.
Electrically operated cutoff valve. G. T. Downey. 2,370,021; Feb. 20.
Electrically operated valve. L. E. Flory. 2,374,531; Apr. 24.
Electrically separated flush valve. R. M. Nelson and J. I. Bellamy. 2,388,990; Nov. 13.
Electrically vibrated feeder. H. E. Brown and S. M. Grant. 2,385,328; Sept. 25.
Electricity conductor unit. L. G. Morten and J. P. O'Brien. 2,383,014; Aug. 21.
Electricity conductor unit. J. F. O'Brien. 2,373,331; Apr. 10.
Electricity conductor unit, Composite. J. F. O'Brien. 2,368,676; Feb. 6.
Electroacoustic transmission plant for reproduction in places with noise disturbances. H. Baumgartner. 2,382,848; Aug. 14.
Electrode. C. P. Boucher. 2,384,007; Sept. 4.
Electrode. A. G. Ross. 2,366,459; Jan. 2.
Electrode, Air-cooled offset tip. J. J. Wisler. 2,389,945; Nov. 27.
Electrode and making same. J. B. Brennan. 2,375,211; May 8.
Electrode and making the same. S. C. Miller. 2,379,025; June 26.
Electrode and method, Glass. H. H. Cary and W. P. Baxter. 2,383,709; Aug. 28.
Electrode assembly. E. W. Scott. 2,388,090; Oct. 30.
Electrode connection assembly, Rectifier. C. A. Kotterman. 2,386,218; Oct. 9.
Electrode construction, Spark plug. C. F. Carlson. 2,391,457; Dec. 25.
Electrode cooler for electric arc furnaces. J. R. Dubsky. 2,389,033; Nov. 13.
Electrode, Electrolytic recording. H. C. Ressler. 2,380,467; July 31.
Electrode feeding appliance. K. Klopfer. 2,380,450; July 31.
Electrode, Fluid-cooled offset tip. J. J. Wisler. 2,389,946; Nov. 27.
Electrode for cadmium-nickel storage batteries, and producing the same, Negative. A. P. Hauel. 2,366,402; Jan. 2.
Electrode for luminous tube. S. C. Miller. 2,375,808; May 15.
Electrode, Hair removing. G. A. Broyles. 2,375,194; May 8.
Electrode holder. I. J. Andersen. 2,386,080; Oct. 2.
Electrode holder. P. Barbeck. 2,371,945; Mar. 20.
Electrode holder. P. L. Bourque. 2,375,836; May 15.
Electrode holder. L. P. Dempsey. 2,367,760; Jan. 23.
Electrode holder. T. S. Donnelly. 2,373,232; Apr. 10.
Electrode holder. T. S. Donnelly, Jr. 2,387,888; Oct. 30.
Electrode holder. G. M. Fadeley. 2,389,969; Nov. 27.
Electrode holder. M. Gallo. 2,379,515; July 3.
Electrode holder. H. H. Hall. 2,367,724; Jan. 23.
Electrode holder. P. M. Hall. 2,374,284; Apr. 24.
Electrode holder. P. M. Hall. 2,390,936; Dec. 11.
Electrode holder. P. W. Heinrich. 2,384,999; Sept. 18.
Electrode holder. H. A. Jackson. 2,375,657; May 8.
Electrode holder. H. A. Jackson. 2,386,398; Oct. 9.
Electrode holder. F. J. Malnar. 2,374,825; May 1.
Electrode holder. S. W. Miller. 2,371,306; Mar. 13.
Electrode holder. R. C. Morford. 2,387,169; Oct. 16.
Electrode holder. J. E. Opgenorth. 2,372,113; Mar. 20.
Electrode holder. H. O. Quartz. 2,378,727; June 19.
Electrode holder. J. M. Radabaugh. 2,371,649; Mar. 20.
Electrode holder. F. R. Smith. 2,389,559; Nov. 20.
Electrode holder. W. E. Smith. 2,376,943; May 29.
Electrode holder. W. E. Smith. 2,389,938; Nov. 27.
Electrode holder. A. R. Stalkup. 2,377,458; June 5.
Electrode holder. H. J. Wagner. 2,389,569; Nov. 20.
Electrode, Spark gap. F. R. Hensel. 2,391,458; Dec. 25.
Electrode, Spark plug. F. R. Hensel. 2,391,456; Dec. 25.
Electrode structure. C. H. Larson. 2,384,423; Sept. 4.
Electrode structure for pH measurement and control devices. E. D. Coleman. 2,383,450; Aug. 28.
Electrode support. A. Schmidt, Jr. 2,367,966; Jan. 23.
Electrode, Welding. J. Hoeh. 2,387,905; Oct. 30.
Electrode, Welding and brazing. G. G. Richards. 2,379,187; June 26.
Electrode welding apparatus. A. W. Baird. 2,379,470; July 3.
Electrodeposition. B. C. Kathe. 2,381,911; Aug. 14.
Electrodeposition, method and apparatus. S. Ruben. 2,387,772; Oct. 30.
Electrodeposition of antimony. M. C. Bloom. 2,389,131; Nov. 20.
Electrodeposition of metals. H. Brown. 2,389,135; Nov. 20.
Electrodeposition of metals. H. Brown. 2,389,179–81; Nov. 20.
Electrodeposits, Producing. R. A. Hoffman. 2,380,044; July 10.
Electrodes, System of tubular. E. C. Thomson. 2,387,365; Oct. 23.
Electrodes, Treating. E. F. Kiefer and W. G. Krellner. 2,368,306; Jan. 30.
Electrodynamic speaker. W. H. Hutter. 2,367,026; Jan. 9.
Electrographic recording medium. R. B. Gibney. 2,367,113; Jan. 9.
Electrolysis of fused baths. R. J. McNitt. 2,390,114; Dec. 4.
Electrolyte control device with captive valve. O. O. Reiser. 2,385,029; Sept. 18.
Electrolyte for and method of anodically polishing copper. C. L. Faust. 2,366,714; Jan. 9.
Electrolyte method of preparing electrical rectifiers. P. H. Dowling and H. L. Taylor. 2,368,749; Feb. 6.
Electrolyte, Switch. E. J. Wilson, Jr. 2,387,313; Oct. 23.
Electrolytic apparatus. F. E. Drummond and D. E. Bench. 2,378,002; June 12.
Electrolytic apparatus. V. A. Rayburn. 2,370,420; Feb. 27.
Electrolytic barrel pickling and polishing. S. Tour and A. E. Howe. 2,390,282; Dec. 4.
Electrolytic cells, Operating. R. J. McNitt. 2,390,548; Dec. 11.
Electrolytic decomposing gas generator. B. Klein. 2,373,032; Apr. 3.
Electrolytic deposition of tungsten. C. G. Harford. 2,384,301; Sept. 4.
Electrolytic device. R. L. Taylor. 2,368,688; Feb. 6.

Electrolytic method for producing oxygen. M. Janes. 2,390,591; Dec. 11.
Electrolytic method of coating localized areas of articles. A. G. Russell. 2,367,314; Jan. 16.
Electrolytic process for treating a ferrous sulphate solution. E. A. Schumacher and G. W. Heise. 2,389,691; Nov. 27.
Electrolytic production of magnesium. C. M. Slansky. 2,382,450; Aug. 14.
Electrolytic protection of metal surfaces. B. G. Brolinson. 2,370,288; Feb. 27.
Electrolytic reduction of aluminum bromide. W. G. Lovell and N. E. Phillips. 2,373,320; Apr. 10.
Electrolytic smoothing of metals. R. W. Edmonson. 2,382,549; Aug. 14.
Electrolytically extracting metal. A. R. Globus. 2,385,269; Sept. 18.
Electrolyser, Operating an. H. L. Stewart. 2,377,823; June 5.
Electromagnet and relay. H. K. Kouyoumjian. 2,377,244; May 29.
Electromagnetic apparatus. H. D. Middel. 2,388,070; Oct. 30.
Electromagnetic apparatus. G. L. Tawney. 2,381,320; Aug. 7.
Electromagnetic apparatus. M. P. Winther. 2,367,163; Jan. 9.
Electromagnetic apparatus for pipe-line surveys. C. J. Penther and F. B. Roitson. 2,382,743; Aug. 14.
Electromagnetic apparatus, Vibratory. H. V. Harding. 2,383,382; Aug. 21.
Electromagnetic control. W. L. Smith. 2,386,149; Oct. 2.
Electromagnetic cores, Making. M. Amidon and H. E. Thornton. 2,390,863; Dec. 11.
Electromagnetic device. H. Lehde. 2,381,673; Aug. 7.
Electromagnetic device. W. A. Marrison. 2,375,017; May 1.
Electromagnetic device. W. R. Mayberry. 2,386,904; Oct. 16.
Electromagnetic device. R. D. Nelson. 2,376,613; May 22.
Electromagnetic device. G. M. Stapleton. 2,391,277; Dec. 18.
Electromagnetic devices, Making. D. G. Blattner. 2,391,222; Dec. 18.
Electromagnetic gauge. L. C. Ludbrook. 2,380,251; July 10.
Electromagnetic interrupter. E. Frydman. 2,371,986; Mar. 20.
Electromagnetic multiple-disk clutch. A. Ryba. 2,387,613; Oct. 23.
Electromagnetic operator. W. A. Ray. 2,382,664; Aug. 14.
Electromagnetic relay. G. T. Baker. 2,369,331; Feb. 13.
Electromagnetic relay. P. H. Estes. 2,391,692; Dec. 25.
Electromagnetic relay. C. O. Gibbon. 2,375,100; May 1.
Electromagnetic relay. A. Wellman. 2,379,772; July 3.
Electromagnetic wave direction indicator. A. Ganiayre and R. Hardy. 2,388,262; Nov. 6.
Electro-magnetic waves, Producing and transmitting. J. B. Fisk. 2,372,193; Mar. 27.
Electromagnetically operated device. J. O. Knowles, M. N. Humphreys, and J. S. Davies. 2,373,479; Apr. 10.
Electromagnetically operated switch. J. Eaton. 2,377,137; May 29.
Electromagnetically operated valve. W. A. Ray. 2,370,752; Mar. 6.
Electromagnetically operated valve. W. A. Ray. 2,372,853; Apr. 3.
Electro-mechanical control system for vehicles. W. Giger. 2,387,896; Oct. 30.
Electromechanical-conversion device. F. V. Hunt and J. A. Pierce. 2,369,876; Feb. 20.
Electron beam rotation synchronizing circuit. A. M. Skellett. 2,387,045; Oct. 16.
Electron camera tube. A. D. Hulbert. 2,369,569; Feb. 13.
Electron decelerator. R. F. Baker. 2,372,170; Mar. 27.
Electron discharge apparatus. W. A. Depp. 2,373,175; Apr. 10.
Electron discharge apparatus. J. H. Fremlin. 2,374,810; May 1.
Electron discharge device. J. G. Beard. 2,380,496; July 31.
Electron discharge device. B. C. Fleming-Williams. 2,380,225; July 10.
Electron discharge device. R. V. L. Hartley. 2,381,539; Aug. 7.
Electron discharge device. J. R. Hefele. 2,373,395–6; Apr. 10.
Electron discharge device. J. Hillier. 2,391,780; Dec. 25.
Electron discharge device. V. L. Ronci. 2,388,289; Nov. 6.
Electron discharge tube. H. J. L. Herne. 2,380,757; July 31.
Electron discharge device. H. K. Ishler. 2,372,379; Mar. 27.
Electron discharge device. J. Jonas. 2,386,400; Oct. 9.
Electron discharge device. G. R. Kilgore. 2,372,282; Mar. 27.
Electron discharge device. O. Klemperer. 2,367,130; Jan. 9.
Electron discharge device. F. B. Llewellyn. 2,367,295; Jan. 16.
Electron discharge device. F. B. Llewellyn. 2,368,031; Jan. 23.
Electron discharge device. F. J. G. van den Bosch and E. T. J. Tapp. 2,378,164; June 12.
Electron discharge device. W. W. Watrous, Jr. 2,381,632; Aug. 7.
Electron discharge device. L. C. Werner and W. A. Laning. 2,385,435; Sept. 25.
Electron discharge device. J. W. West. 2,383,925; Aug. 28.
Electron discharge device and manufacture. J. S. Donal, Jr. 2,366,319; Jan. 2.
Electron discharge device parts, Coating of. L. A. Wooten. 2,368,060; Jan. 23.
Electron discharge device, Secondary. P. W. Stutsman. 2,381,012; Aug. 7.
Electron discharge devices, Manufacture of. J. P. Laico. 2,374,546; Apr. 24.
Electron discharge tube. C. H. Sphar. 2,376,288; May 15.
Electron emitter, Secondary. W. R. Ferris. 2,390,701; Dec. 11.
Electron gun or the like. H. M. Gaun and R. K. Gessford. 2,386,790; Oct. 16.
Electron lens system. E. G. Ramberg. 2,369,796; Feb. 20.
Electron microanalyzer. J. Hillier. 2,372,422; Mar. 27.
Electron switching means and circuit. A. M. Skellett. 2,376,395; May 22.
Electron tube. W. W. Eitel and J. A. McCullough. 2,376,040; May 15.
Electron tube. W. W. Eitel and J. A. McCullough. 2,391,690; Dec. 25.
Electron tube circuits. R. H. George. 2,366,329; Jan. 2.
Electron tube circuit. O. H. Schade. 2,370,426; Feb. 27.
Electron tube structure. W. W. Eitel and J. A. McCullough. 2,385,974; Oct. 2.
Electronic amplification. C. B. Fisher. 2,379,513; July 3.
Electronic apparatus. W. C. Hahn. 2,389,903; Nov. 27.
Electronic brake control apparatus. C. M. Hines. 2,389,049; Nov. 13.
Electronic brake control apparatus. C. M. Hines. 2,389,051; Nov. 13.
Electronic brake control system. C. M. Hines. 2,389,050; Nov. 13.
Electronic cathodes, Forming layers for. G. K. Teal. 2,391,280; Dec. 18.
Electronic commutation of currents. D. Mitchell. 2,380,982; Aug. 7.
Electronic compressor control. W. S. Thompson. 2,390,856; Dec. 11.
Electronic control apparatus. W. H. Gille. 2,379,872; July 10.
Electronic control circuit. T. D. Carr. 2,369,659; Feb. 20.
Electronic control device. F. E. Lange. 2,379,873; July 10.
Electronic control for ironing or drying machinery. J. E. Preston. 2,387,292–3; Oct. 23.
Electronic control system. L. C. Poole. 2,370,071; Feb. 20.
Electronic control system. C. E. Smith. 2,374,044; Apr. 17.
Electronic device. A. Feindel. 2,377,334; June 5.
Electronic device. E. Labin. 2,372,328; Mar. 27.
Electronic device. C. H. Scullin and L. C. Werner. 2,389,277; Nov. 20.
Electronic device, circuit, and method. T. W. Cunniff. 2,374,666; May 1.
Electronic device, Ultra high frequency. E. G. Linder. 2,373,837; Apr. 17.
Electronic devices, Producing. C. Herzog. 2,391,572; Dec. 25.
Electronic exposure of photographic emulsions, Improving the. J. L. Whittaker. 2,372,465; Mar. 27.
Electronic fence circuit control. R. F. Kneisley and F. S. Hawley. 2,390,946; Dec. 11.
Electronic full cycle timing control. D. P. Faulk. 2,389,351; Nov. 20.
Electronic microscope. E. Ruska, H. Schuchmann, H. Ruska, and H. O. Muller. 2,370,373; Feb. 27.
Electronic motor control. M. G. Crosby. 2,380,948; Aug. 7.
Electronic relay. K. Schlesinger. 2,366,357; Jan. 2.
Electronic scanning device for television. A. P. Paumier. 2,387,608; Oct. 23.
Electronic timing control. C. E. Smith. 2,372,128–9; Mar. 20.
Electronic transformer. C. F. Wilcox. 2,368,625; Feb. 6.
Electronic translating device. H. Ziebolz. 2,383,758; Aug. 28.
Electronic trigger method and circuit. F. G. Albin. 2,388,812; Nov. 13.
Electronic tube. W. W. Eitel and J. A. McCullough. 2,368,812; Feb. 6.
Electronic tube. W. W. Eitel and J. A. McCullough. 2,371,683; Mar. 20.
Electronic tube. W. W. Eitel and J. A. McCullough. 2,373,950; Apr. 17.
Electronic tube. W. W. Eitel and J. McCullough. 2,381,490; Aug. 7.
Electronic tube. W. W. Eitel and J. A. McCullough. 2,385,972; Oct. 2.
Electron tube circuits. O. H. Schade. 2,378,797; June 19.

Electronic tube circuit. O. H. Schade. 2,391,801; Dec. 25.
Electronic type balancer. R. B. Annis. 2,382,843; Aug. 14.
Electronic valve device. P. Nagy and M. J. Goddard. 2,369,750; Feb. 20.
Electroperforation of sheet material. J. W. Meaker and E. R. Yonkers, Jr. 2,388,069; Oct. 30.
Electroplated coatings, Brightening. J. S. Nachtman. 2,369,748; Feb. 20.
Electroplating. R. O. Hull. 2,374,289; Apr. 24.
Electroplating. R. O. Hull. 2,383,798; Aug. 28.
Electroplating apparatus. F. W. Hampson. 2,389,904; Nov. 27.
Electroplating process. F. W. Hampson. 2,372,488; Mar. 27.
Electropneumatic brake system. C. M. Hines. 2,389,052; Nov. 13.
Electro-pneumatic loom. E. G. Mascarenhas. 2,377,800; June 5.
Electropneumatic window control. E. C. Horton. 2,366,790; Jan. 9.
Electroresponsive indicator. C. C. Whittaker. 2,381,326; Aug. 7.
Electroresponsive system. F. Crever. 2,388,527; Nov. 6.
Electrostatic charging structure. E. W. Yungman. 2,380,993; Aug. 7.
Electrostatic condenser. J. B. Brennan. 2,373,098; Apr. 10.
Electrostatic device. K. W. Oppermann. 2,373,140; Apr. 10.
Electrostatic vapor condenser. J. Canetta. 2,372,314; Mar. 27.
Electrotherapeutic device. M. Crosse and A. Roberts. 2,379,884; July 10.
Electrotypes, Preparing. R. A. Miller. 2,384,113; Sept. 4.
Elevating mechanism. Q. Berg. 2,368,191; Jan. 30.
Elevating scraper. G. W. Mork. 2,380,986; Aug. 7.
Elevator. W. J. Coultas, E. T. Johnson, and J. A. Walker. 2,373,169; Apr. 10.
Elevator. C. E. Ellis. 2,377,483; June 5.
Elevator. C. D. Hathcock. 2,370,310; Feb. 27.
Elevator. S. M. Mercier. 2,384,189; Sept. 4.
Elevator. M. L. Ramey. 2,375,584; May 8.
Elevator. L. W. Wachter. 2,389,221; Nov. 20.
Elevator and drier, Combined sand. J. G. Forster and L. G. Plant. 2,388,390; Nov. 6.
Elevator and sampler for plant products, Combined. O. M. Harlow. 2,367,397; Jan. 16.
Elevator, Bale. L. Jackson. 2,391,053; Dec. 18.
Elevator dispatching system. H. W. Williams, M. L. Mount, and A. M. Nelson. 2,367,988; Jan. 23.
Elevator for sheet feeders. L. Baker and L. C. Williams. 2,368,094; Jan. 30.
Elevator for trucks, Convertible. G. Simons. 2,381,780; Aug. 7.
Elevator, Inclined. S. Eggleston. 2,368,414; Jan. 30.
Elevator overload and blockage appliance. J. E. Currie. 2,374,473; Apr. 24.
Elevator, Portable. R. C. Adams. 2,390,286; Dec. 4.
Elevator safety control. A. L. Hard. 2,378,218; June 12.
Elevator signaling system. K. M. White and H. Hadsel. 2,372,348; Mar. 27.
Elevator system. E. M. Bouton and D. Santini. 2,376,113; May 15.
Elevator system. J. Di Giovanni. 2,384,986; Sept. 18.
Elevator, Truck. E. A. Penney. 2,390,268; Dec. 4.
Eliminator, Air. D. Samiran. 2,367,692; Jan. 23.
Eliminator for duplicating machines, Shortline. L. A. Amis. 2,367,083; Jan. 9.
Eliminator, Smoke and fume. H. S. Beck. 2,378,123; June 12.
Embalming apparatus. A. S. A. Tolliver. 2,385,428; Sept. 25.
Embalming apparatus. W. F. Trippensee. 2,369,694; Feb. 20.
Embossed display. J. H. Pollard. 2,390,663; Dec. 11.
Embossing machine. W. T. Gollwitzer. 2,391,777; Dec. 25.
Emergency cable cutter. Le R. S. Jessen. 2,385,813; Oct. 2.
Emergency equipment, Aviator's. L. L. Irvin. 2,375,655; May 8.
Emergency gasoline tank. W. H. Pike. 2,389,685; Nov. 27.
Emergency lighting unit. F. B. Embury. 2,369,288; Feb. 13.
Emergency tool. J. D. Tessier. 2,379,387; June 26.
Emergency vehicle wheel. C. C. Bailey. 2,372,049; Mar. 20.
Emetic manufacture, Tartar. N. A. Davies. 2,391,297; Dec. 18.
Empennage construction and mounting. M. Watter. 2,378,885; June 19.
Emulsified food products. E. E. Lindsey. 2,369,744; Feb. 20.
Emulsifying mill. W. A. McLean. 2,370,978; Mar. 6.
Emulsion, Aqueous bituminous. R. W. Martin. 2,376,498; May 22.
Emulsion, Cleaning and lubricating. H. H. Jones. 2,388,153; Oct. 30.
Emulsion copolymerization of butadiene-1,3 hydrocarbons and monovinyl compounds copolymerizable therewith. W. H. Messer. 2,383,502; Aug. 14.
Emulsion deoiling. A. H. Schutte. 2,385,236; Sept. 18.
Emulsion, Polymerization in. H. M. Collins. 2,388,600; Nov. 6.
Emulsion polymerization of butadiene-1,3 hydrocarbons. W. L. Semon. 2,375,140; May 1.
Emulsion treating chemicals, Proportioning of. R. C. Buchan and P. L. McGee. 2,368,447; Jan. 30.
Emulsions. W. C. Griffin. 2,380,166; July 10.
Emulsions and processes for their production. C. S. Treacy. 2,369,992; Feb. 20.
Emulsions, Aqueous polyisobutylene, G. P. Mack. 2,389,796; Nov. 27.
Emulsions, Bituminous. E. E. Mayfield. 2,370,911; Mar. 6.
Emulsions, Breaking petroleum. M. De Groote and B. Keiser. 2,385,969–70; Oct. 2.
Emulsions, Method and agent for breaking water in oil. S. L. Bishkin. 2,374,917; May 1.
Emulsions, Mixed grain. L. D. Mannes and L. Godowsky, Jr. 2,388,859; Nov. 13.
Emulsions of cellulose acetate, Aqueous. O. Huppert. 2,382,636; Aug. 14.
Emulsions of liquid explosives, Transport of aqueous. G. Brice and V. H. Williams. 2,391,006; Dec. 18.
Emulsions or compositions of or containing organic polysulphides and articles produced therefrom, Production of. J. R. Blanco, A. E. T. Neale, and D. F. Twiss. 2,386,287; Oct. 9.
Emulsions of liquid explosives, Transport of aqueous. G. Bryce and V. H. Williams. 2,368,638; Feb. 6.
Emulsions, Print-out. G. E. Fallesen. 2,369,449; Feb. 13.
Emulsions, Resolving water-in-oil. L. E. McDonald. 2,377,565; June 5.
Emulsions, Stabilized. L. L. Manchey and G. H. Schneller. 2,372,159; Mar. 20.
Emulsions, Stabilized silver halide. F. W. H. Mueller. 2,385,762; Sept. 25.
Emulsions, Thixotropic acrylate. H. T. Neher and W. R. Conn. 2,372,108; Mar. 20.
Emulsions, Treatment of nongelatin. J. I. Crabtree and G. T. Eaton. 2,377,325; June 5.
Emulsions, Vulcanised fatty oil. L. Auer. 2,382,532; Aug. 14.
Emulsions, Water-in-oil. L. Auer and A. F. Ray. 2,372,756; Apr. 3.
Enamel coated article. M. Brown and R. E. Harr. 2,377,321; June 5.
Enamel coated welded joint. W. G. Martin. 2,374,763; May 1.
Enamel composition. J. W. Garrison. 2,379,075; June 26.
Enamel composition, Glass. C. J. Harbert and W. C. Morris. 2,390,366; Dec. 4.
Enamels, Production of super opaque vitreous. P. C. Stuff. 2,370,695; Mar. 6.
Enamelware making. O. Hommel. 2,385,573; Sept. 25.
Enclosure and sealing same, Sealed. W. R. Walker. 2,380,811; July 31.
Enclosure and support for infants' feeding bottles. Combined protective. E. E. Silverman, M. Greene, and S. Greenspan. 2,389,390; Nov. 20.
Enclosure, Child's. H. E. Ferran. 2,369,552; Feb. 13.
Enclosure for alternating current apparatus. E. G. Gaynor. 2,372,822; Apr. 3.
Enclosure, Radiator. M. Watnick. 2,386,414; Oct. 9.
End closure, Forming an. J. E. Snyder. 2,367,443; Jan. 16.
End mill. A. B. Dettmer. 2,377,329; June 5.
End piston ring. S. E. Jessup. 2,367,030; Jan. 9.
End valve support. J. F. Monger. 2,366,420; Jan. 2.
Endless traction belt. F. W. Chriswell and R. S. Langdon. 2,371,802; Mar. 20.
Endurance testing method and machine, especially for vehicle body bolsters. R. Eksergian. 2,380,159; July 10.
Energy conservation in radio systems. C. W. Hansell. 2,369,230; Feb. 13.
Energy converting apparatus. J. Slepian. 2,389,391; Nov. 20.
Engine; *See*—
Air-cooled engine.
Aircraft engine.
Combustion engine.
Diesel engine.
Double acting, two-cycle Diesel engine.
Fluid engine.
Fluid-pressure engine.
Free-piston internal-combustion engine.
Fuel-injection engine.
Gasoline engine.
Internal-combustion engine.
Multiple opposed piston engine.
Opposed-piston engine.
Oscillatory engine.
Piston for two-stroke internal-combustion engine.
Reversible engine.
Rotary combustion engine.
Rotary engine.
Rotary internal-combustion engine.
Rotary reversing engine.
Rotary steam engine.
Scavenging air valve engine.
Self-starting constant pressure internal-combustion engine.
Supercharged two-stroke internal-combustion engine.
Two-cycle engine.
Two-cycle gas engine.
Two-cycle solid-fuel injection supercharged engine.
Turbine type engine.
Two-cycle internal-combustion engine.
Two-cycle sleeve-valve engine.
Two-stroke cycle engine.
Valveless engine.

Engine. H. Bonbright and W. G. Gernandt. 2,387,114; Oct. 16.
Engine. C. E. Frank. 2,377,336; June 5.
Engine. W. G. Gernandt. 2,374,190–1; Apr. 24.
Engine. W. G. Gernandt. 2,384,461; Sept. 11.
Engine. W. G. Gernandt and A. E. Walden. 2,387,143; Oct. 16.
Engine. E. Ginn and H. L. Casselman. 2,368,080; Jan. 23.
Engine. E. Ginn and H. L. Casselman. 2,369,105; Feb. 6.
Engine. E. R. Munn. 2,369,747; Feb. 20.
Engine. W. T. Pfeifer. 2,380,120; July 10.
Engine. A. M. Porter. 2,383,213; Aug. 21.
Engine. H. W. Rose. 2,383,565; Aug. 28.
Engine. A. E. Walden. 2,374,250; Apr. 24.
Engine accessory. D. J. Deschamps, B. H. Dow and D. C. Clarke. 2,372,816; Apr. 3.
Engine and propeller control. A. H. French. 2,374,276; Apr. 24.
Engine arrangement, Supercharged combustion. A. J. Larrecq. 2,375,006; May 1.
Engine charge forming device, Internal-combustion. H. A. Adams and M. Michelberger. 2,386,765; Oct. 16.
Engine, Combined pump and rotary. E. J. McFarland. 2,374,445; Apr. 24.
Engine connecting rod and securing parts together. W. H. Graves. 2,371,614; Mar. 20.
Engine control. S. M. Udale. 2,372,989; Apr. 3.
Engine control device. G. R. Ericson. 2,386,669; Oct. 9.
Engine controller. C. H. Jorgensen. 2,383,198; Aug. 21.
Engine cooling and jet propulsion means, Combined. V. J. Burnelli. 2,372,250; Mar. 27.
Engine for aircraft, Supercharged. A. G. Forsyth and G. J. Smith-Pert. 2,371,983; Mar. 20.
Engine crank shaft to piston connecting mechanism. E. H. Schoen. 2,390,558; Dec. 11.
Engine cylinder construction. W. E. Brill. 2,390,637; Dec. 11.
Engine frame. A. L. Bayles. 2,383,285; Aug. 21.
Engine frame. A. Feroy. 2,384,291; Sept. 4.
Engine fuel pump. W. V. Falcon. 2,375,906; May 15.
Engine governor. M. Mallory. 2,377,567; June 5.
Engine lining, Jordan. H. D. Stuck. 2,366,367; Jan. 2.
Engine loading and testing system. M. P. Winther. 2,389,572; Nov. 20.
Engine lubricating system. C. D. Salisbury. 2,381,839; Aug. 7.
Engine mount, Flexible. E. H. Heinemann and P. A. Dennis. 2,377,006; May 29.
Engine mounting. R. S. Trott. 2,378,874; June 19.
Engine mounting structure. J. R. Moorehead. 2,379,315; June 26.
Engine nacelle. W. P. McKinnie. 2,372,905; Apr. 3.
Engine operated burner. H. B. Holthouse. 2,381,594; Aug. 7.
Engine regulating means. F. C. Reggio. 2,378,037; June 12.
Engine starter. G. S. Thompson. 2,388,450; Nov. 6.
Engine starting mechanism. S. Gilbert. 2,374,990; May 1.
Engine starting mechanism. R. M. Nardone. 2,377,362; June 5.
Engine starting mechanism. R. M. Nardone. 2,380,064; July 10.
Engine starting mechanism. R. M. Nardone. 2,386,812; Oct. 16.
Engine starting system. A. J. Kuhn, D. F. Alexander and J. R. Hornaday. 2,372,835; Apr. 3.
Engine structure. A. Feroy. 2,384,292; Sept. 4.
Engine supercharger. F. A. Pudge. 2,377,450; June 5.
Engine support. E. S. Guignon, Jr. 2,377,415; June 5.
Engine suspension system. J. M. Tyler. 2,368,334; Jan. 30.
Engine system cooling control. G. H. Gill. 2,376,683; May 22.
Engine turning means. H. W. Schmidt. 2,388,803; Nov. 13.
Engines, Lubricating system for internal-combustion. C. T. Doman. 2,366,701; Jan. 9.
Engines, Thermodynamic conversion in compression-ignition. V. B. Olsen. 2,368,423; Jan. 30.
Engraved plates, Making. H. T. Neumann. 2,371,773; Mar. 20.
Enlarger, Automatic miniature. C. E. Young Berg. 2,380,818; July 31.
Enrober or chocolate coating machine. A. A. Tunley. 2,380,806; July 31.
Enteric gelatin capsule shell or envelope. S. H. Fox and L. P. Opferman. 2,390,088; Dec. 4.
Envelope. E. B. Berkowitz. 2,374,798; May 1.
Envelope. A. M. Broudy. 2,391,673; Dec. 25.
Envelope. R. K. Stone and F. O. Brougham. 2,389,747; Nov. 27.
Envelope. W. E. Swift. 2,389,748; Nov. 27.
Envelope and insert, Mailing. C. A. Holmblad and W. Englund. 2,383,652; Aug. 28.
Envelope construction. M. McKeen. 2,374,026; Apr. 17.
Envelope for electric sunlamps, Glass. H. Kalsing, H. Krefft, and K. Larché. 2,367,871; Jan. 23.
Envelope hopper for mail treating machines. R. A. Dohl and E. G. Ziegelhoefer. 2,390,573; Dec. 11.
Envelope machine. L. Hoffman and A. Dalmen. 2,381,955; Aug. 14.
Envelope opener, paper cutter, and punch. H. L. McDaniel. 2,386,329; Oct. 9.
Envelope, Pay. J. Ertola. 2,374,275; Apr. 24.
Envelope, Quick opening and sealing. B. M. Aldrich. 2,377,915; June 12.
Envelope, Razor blade. G. Monnet. 2,377,897; June 12.
Envelope, Self-sealing paper. G. Schleman. 2,367,440; Jan. 16.
Envelope stuffing machine. R. H. Thompson. 2,384,506; Sept. 11.
Envelopes, Method and apparatus for filling. D. S. Gustin and D. Mullan. 2,389,563; Feb. 13.
Envelopes, Method and apparatus for testing sealed. E. Lemmers. 2,370,475; Feb. 27.
Episcopic illuminating device. F. Turrettini. 2,373,928; Apr. 17.
Equal movement system. J. P. Phillips. 2,378,497; June 19.
Equalizer and shutoff valve. J. A. Lauck. 2,368,852; Feb. 6.
Equalizer, Draft. V. J. Tichota. 2,389,094; Nov. 13.
Equalizer for dual clutches. F. G. Shoemaker and O. C. Kreis. 2,367,064; Jan. 9.
Equalizer for elevator cables. E. T. Beatty. 2,385,488; Sept. 25.
Equalizing valve. K. A. Browne. 2,386,291; Oct. 9.
Eraser, Typewriter. B. W. Hanle. 2,386,948; Oct. 16.
Equalising return trap. M. E. Miller. 2,366,746; Jan. 9.
Equilibrium grain separator. W. O. La Fave. 2,384,181; Sept. 4.
Equipment for electrical installations. E. G. Johansson and A. A. Young. 2,372,083; Mar. 20.
Equipment for shipbuilding. F. E. Harris. 2,381,446; Aug. 7.
Equipment for testing shields. G. D. Johnson, Jr., and K. J. Matzinger. 2,378,928; June 26.
Equipment for tire retreading. A. L. Anderson. 2,381,963; Aug. 14.
Equipment for vehicle bodies. W. T. Howard. 2,382,011; Aug. 14.
Equipment for wells, Producing. A. J. Penick. 2,382,578; Aug. 14.
Eraser, Motor actuated. J. P. Smith. 2,390,226; Dec. 4.
Erection device for gyro verticals. L. F. Carter. 2,380,941; Aug. 7.
Erection device for gyro verticals. R. Haskins, Jr. 2,382,993; Aug. 21.
Erection device for gyro verticals. T. W. Kenyon. Apr. 10.
Error detector for telegraph printers. A. L. Brown. 2,366,434; Jan. 2.
Escapement. M. H. Rhodes. 2,383,418; Aug. 21.
Escapement mechanism. C. Lurtz. 2,385,011; Sept. 18.
Ester. M. M. Brubaker. 2,381,883; Aug. 14.
Ester. M. E. Cupery. 2,381,880; Aug. 14.
Ester. M. E. Cupery. 2,381,882; Aug. 14
Ester and polymer thereof, Unsaturated. I. E. Muskat and F. Strain. 2,384,121–2; Sept. 4.
Ester and preparation thereof, Vinyl. F. E. Küng. 2,370,549; Feb. 27.
Ester diamides. M. De Groote and B. Keiser. 2,373,230; Apr. 10.
Ester gums from polyallyl alcohol. H. F. Pfann and E. L. Kropa. 2,376,504; May 22.
Ester-linked acylated aminoalcohols and making same. M. De Groote and B. Keiser. 2,381,575; Aug. 7.
Ester of alpha-hydroxy isobutyric acid. G. F. D'Alelio and J. W. Underwood. 2,375,629; May 8.
Ester, Plasticized cellulose. I. E. Muskat and F. Strain. 2,381,511; Aug. 7.
Ester products of 12-hydroxystearic acid. M. J. Hunter. 2,390,027; Nov. 27.
Esteramides. M. De Groote and B. Keiser. 2,373,229; Apr. 10.
Ester-amides, Unsaturated. I. E. Muskat and F. Strain. 2,390,551; Dec. 11.
Esterification. J. H. Brunn and J. H. Perrine. 2,384,793; Sept. 18.
Esterification. J. R. Long. 2,370,055; Feb. 20.
Esterification derivatives of high molal hydroxy acid amides and making same, Certain subresinous. M. De Groote and B. Keiser. 2,381,116; Aug. 7.
Esterification derivatives of polyacylated amides and making same. M. De Groote and B. Keiser. 2,384,081; Sept. 4.
Esterification of lignins and lignin-like material. R. M. Dorland and R. M. Boehm. 2,379,890; July 10.
Esters. M. M. Brubaker. 2,381,889; Aug. 14.
Esters. M. E. Cupery. 2,381,886; Aug. 14.
Esters. D. J. Loder. 2,388,164; Oct. 30.
Esters. F. D. Snell and A. F. Guiterns. 2,385,849; Oct. 2.
Esters. J. C. Thomas. 2,384,577; Sept. 11.
Esters. C. L. Agre and R. M. Leekley. 2,378,169; June 12.
Esters, Amino alcohol. J. S. Pierce, J. M. Salsbury, and J. M. Fredericksen. 2,372,116; Mar. 20.
Esters and making same, Certain water-soluble high molal oxyalkylated. M. De Groote and B. Keiser. 2,375,529; May 8.
Esters, and making same, Certain water-soluble and high oxyalkylated. M. De Groote and B. Keiser. 2,371,429; Mar. 13.
Esters and making same, Lactyllactic. H. V. Claborn. 2,371,281; Mar. 13.

Ethers and making same, Polyfunctional. E. C. Britton and H. R. Slagh. 2,371,500; Mar. 13.
Esters, and making same, Water soluble high molal oxyalkylated. M. De Groote and B. Keiser. 2,366,239–40; Jan. 2.
Esters and polymers thereof, Complex. I. E. Muskat and F. Strain. 2,370,566; Feb. 27.
Esters and polymers thereof, Polybasic acid-polyhydric alcohol. I. E. Muskat and F. Strain. 2,370,565; Feb. 27.
Esters and polymers thereof, Polybasic acid-polyhydric alcohol. I. E. Muskat and F. Strain. 2,385,930; Oct. 2.
Esters and polymers thereof, Unsaturated. I. E. Muskat and F. Strain. 2,384,116–17; Sept. 4.
Esters and polymers thereof, Unsaturated. I. E. Muskat and F. Strain. 2,384,120; Sept. 4.
Esters and polymers thereof, Unsaturated. I. E. Muskat and F. Strain. 2,385,931–2; Oct. 2.
Esters and polymers thereof, Unsaturated. I. E. Muskat and F. Strain. 2,385,934; Oct. 2.
Esters and polymers thereof, Unsaturated. I. E. Muskat and F. Strain. 2,387,931; Oct. 30.
Esters and polymers thereof, Unsaturated. I. E. Muskat and F. Strain. 2,387,933; Oct. 30.
Esters and polymers thereof, Unsaturated carbonate. I. E. Muskat and F. Strain. 2,384,123; Sept. 4.
Esters and polymers thereof, Unsaturated. I. E. Muskat and F. Strain. 2,384,124–6; Sept. 4.
Esters and polymers thereof, Unsaturated. I. E. Muskat and F. Strain. 2,370,572–4; Feb. 27.
Esters, and making them, Dialkylated silicon. R. R. McGregor and E. L. Warrick. 2,380,057; July 10.
Esters and preparing the same. J. D. D'Ianni. 2,382,548; Aug. 14.
Esters and producing, Rosin. G. R. Anderson. 2,369,125; Feb. 13.
Esters and production, Haloformate. I. E. Muskat and F. Strain. 2,370,568; Feb. 27.
Esters as antispasmodic agents, Piperidinol. R. R. Burtner. 2,387,879; Oct. 30.
Esters, Betaine. J. Lee. 2,367,878; Jan. 23.
Esters, Carbonic acid. I. E. Muskat and F. Strain. 2,370,252; June 26.
Esters, Complex resinous. W. R. Catlow, Jr. 2,381,969; Aug. 14.
Esters containing the dihydronordicyclopentadiene ring system, Mixed. H. A. Bruson. 2,389,136; Nov. 20.
Esters, Ether. D. D. Coffman. 2,384,726; Sept. 11.
Esters having a high propionyl of butyryl content, Manufacture of cellulose. C. J. Malm and L. W. Blanchard, Jr. 2,379,310; June 26.
Esters having amphoteric properties, Fatty acid. J. W. Orelup. 2,388,281; Nov. 6.
Esters, Keto. A. M. Clifford. 2,367,484; Jan. 16.
Esters, Keto. A. M. Clifford. 2,376,033; May 15.
Esters, Manufacture of. A. M. Roberts. 2,379,104; June 26.
Esters, Manufacture of cellulose. B. T. Lamborn. 2,374,547; Apr. 24.
Esters, Manufacture of cellulose mixed. B. T. Lamborn. 2,368,764; Feb. 6.
Esters, Metallation of beta keto. V. H. Willingford and A. H. Homeyer. 2,391,530; Dec. 25.
Esters of cellulose, Production of mixed organic. G. W. Seymour and B. B. White. 2,390,185; Dec. 4.
Esters of hydroxy carboxylic acids, Acylating. C. H. Fisher and M. L. Fein. 2,374,428; Apr. 24.
Esters, Mixed. C. Le V. Agre. 2,381,888; Aug. 14.
Esters, Mixed. H. S. Rothrock. 2,381,881; Aug 14.
Esters, Mixed. J. C. Sauer. 2,381,885; Aug. 14.
Esters, Mixed. J. C. Sauer. 2,381,887; Aug 14.
Esters, Mixed cellulose. M. E. Martin and T. M. Andrews. 2,373,630; Apr. 10.
Esters, Morpholine substituted. L. C. Cheney and W. G. Bywater. 2,374,525; Apr. 24.
Esters of acids of phosphorus. C. E. Adams and B. H. Shoemaker. 2,372,244; Mar. 27.
Esters of aconitic acids, Preparation of. P. M. Kirk. 2,375,563; May 8.
Esters of aleuritic acid. W. J. Sartori. 2,382,919; Aug. 14.
Esters of alkenyl substituted polyhydroxybenzenes, Partial. C. F. Gibbs. 2,378,698; June 19.
Esters of alkoxyacetic acids. B. W. McNamee and L. G. MacDowell. 2,366,276; Jan. 2.
Esters of alpha-beta unsaturated mono-carboxylic acids, Preparation of. P. E. Kung. 2,376,704; May 22.
Esters of alpha-cyanoalcohols. J. Harmon and C. J. Mighton. 2,379,297; June 26.
Esters of alpha-ethacrylic acid. R. L. Hasche and W. P. Utermohlen, Jr. 2,388,844; Nov. 13.
Esters of aryloxymethyl benzoic acid, Alkamine. V. S. Salvin and A. J. Hill. 2,375,138; May 1.
Esters of carbonic acid, Acylated aminoalcohol. M. De Groote and B. Keiser. 2,384,608; Sept. 11.
Esters of carboxycellulose. H. F. Mark and S. Siggia. 2,379,917; July 10.
Esters of carboxylic acid, Manufacture of trithio ortho. J. D. Kendall. 2,389,153; Nov. 20.
Esters of cellulose, Preparing mixed polycarboxylic acid. F. J. Kaszuba. 2,380,896; July 31.
Ethers of cyclic ketals. K. E. Marple. 2,377,568; June 5.
Esters of cyclic sulphones. Sulphurized. R. C. Morris and J. L. Van Winkle. 2,372,160; Mar. 20.
Esters of diolefinic phosphonic acids. G. M. Kosolapoff. 2,389,576; Nov. 20.
Esters of endoethylene hydroxycyclopentanoindane and their preparation. H. A. Bruson. 2,381,433; Aug. 7.
Esters of 4-cyclohexene-1,2-dicarboxylic acid. C. L. Moyle. 2,384,955; Sept. 18.
Esters of γ-acetyl-γ-methyl pimelic acid. H. A. Bruson. 2,374,327; Apr. 24.
Esters of halonitrophenols. W. F. Hester and W. E. Craig. 2,384,306; Sept. 4.
Esters of hydroxy-aliphatic acids, α-Naphthylmethyl. J. T. Thurston and J. M. Grim. 2,383,897; Aug. 28.
Esters of hydroxylated acylated ureas. M. De Groote and B. Keiser. 2,375,533; May 8.
Esters of inorganic acids and making same. K. Miescher and C. Meystre. 2,381,073; Aug. 7.
Esters of lactic and alpha-acetoxypropionic acids, Allyl and methallyl. C. E. Rehberg and C. H. Fisher. 2,367,798; Jan. 23.
Ethers of nitro alcohols, Chloromethyl. E. B. Hodge. 2,370,540; Feb. 27.
Esters of organic acids, Production of vinyl. B. S. Groth and S. B. H. Johanson. 2,376,964; May 29.
Esters of phenylphosphonic acid, Glycol. A. D. F. Toy. 2,382,622; Aug. 14.
Esters of polybasic aliphatic acids with hydroxy compounds of the androstane and pregnane series and making the same, Neutral. H. H. Inhoffen. 2,384,550; Sept. 11.
Esters of poly-β-carboxyalkyl ethers of polyhydric alcohols. H. A. Bruson. 2,372,808; Apr. 3.
Esters of salicylic acid monosulphide and salts thereof. E. W. Cook and W. D. Thomas, Jr. 2,380,685; July 31.
Esters of s-alkylol isothioureas, Carboxylic acid. D. W. Jayne, Jr., and H. M. Day. 2,380,697; July 31.
Esters of sulphurous acid as pest-control agents, Neutral organic. I. Heckenbleikner. 2,377,148; May 29.
Esters of tall oil and making same, Sulphurized glyceryl. G. D. Davis and E. J. Barth. 2,385,912; Oct. 2.
Esters of thiocyano-substituted organic acids. P. H. Williams. 2,376,105; May 15.
Esters of triethylene glycol bis (acid carbonate) and polymers thereof, Unsaturated alcohol. I. E. Muskat and F. Strain. 2,385,933; Oct. 2.
Esters of 2-butene-1,4-diol. G. F. Deebel. 2,366,067; Jan. 2.
Esters, Organic polysilicon. W. E. Hanford. 2,386,793; Oct. 16.
Esters, Polymerized allyl. R. T. Dean. 2,374,081; Apr. 17.
Esters, Preparation of. R. M. Joyce, Jr. 2,375,301; May 8.
Esters, Preparation of acrylic. H. T. Neher and S. C. Kelton, Jr. 2,390,028; Nov. 27.
Esters, Preparation of carbonic acid. I. E. Muskat and F. Strain. 2,370,567; Feb. 27.
Esters, Preparation of carbonic acid. I. E. Muskat and F. Strain. 2,370,569; Feb. 27.
Esters, Preparation of carbonic acid. I. E. Muskat and F. Strain. 2,370,571; Feb. 27.
Esters, Preparation of carbonic acid. I. E. Muskat and F. Strain. 2,379,250; June 26.
Esters, Preparation of organic. D. J. Loder. 2,373,483; Apr. 10.
Esters, Preparation of sulphated fatty. A. A. Cook, C. Tjorn, and J. Zaparanick. 2,371,264; Mar. 13.
Esters, Production of. W. E. Hanford and J. R. Roland. 2,378,009; June 12.
Esters, Refining polymerized rosin. A. L. Rummelsburg. 2,369,109; Feb. 6.
Esters, Stabilization of. C. R. Milone. 2,385,018; Sept. 18.
Esters, Treatment of cellulose mixed. H. A. Tanner. 2,370,332; Feb. 27.
Esters, Unsaturated. I. E. Muskat and F. Strain. 2,384,119; Sept. 4.
Esters, Unsaturated. F. Strain. 2,379,261; June 26.
Esters, Unsaturated carbonate. F. Strain and F. E. Küng. 2,370,589; Feb. 27.
Esters, Unsaturated carbonate. F. Strain and F. E. Küng. 2,377,111; May 29.
Esters, Vinyl. F. Strain and F. E. Kung. 2,384,143; Sept. 4.
Etchable deposits on printing cylinders, Obtaining. A. A. Egli and C. Bokenkamp. 2,372,665; Apr. 3.
Etching, Method of. L. M. Hicks. 2,371,758; Mar. 20.
Etching process. S. Waldman and G. F. Coggins. 2,378,052; June 12.
Ethenoid monomers, Polymerization of. B. M. Marks. 2,383,069; Aug. 21.
Ether composition, Cellulose. M. J. Hunter and E. L. Kropscott. 2,385,359; Sept. 25.
Ether of dextran, Soluble benzyl. G. L. Stahley and W. W. Carlson. 2,385,553; Sept. 25.
Ether of 2-methyl-2-hydroxy-butene-3. F. J. Soday. 2,382,031; Aug. 14.
Ether propagation paths, Investigating. N. E. Lindenblad and J. L. Finch. 2,366,632; Jan. 2.
Ethers and making same, Basic. K. Hoffmann and H. Von Meyenburg. 2,387,447; Oct. 23.
Ethers, Di-halophenyl-dialkyl. J. E. Livak. 2,366,203; Jan. 2.

Ethers, Insolubilization of water-soluble cellulose. S. L. Bass, R. M. Upright, and F. L. Dennett. 2,370,517; Feb. 27.
Ethers, Making halogenated. W. J. Toussaint and L. G. MacDowell, Jr. 2,383,091; Aug. 21.
Ethers of alcohol amines. M. Katzman and A. K. Epstein. 2,390,942; Dec. 11.
Ethers of diethylstilboestrol, Monoalkyl. E. E. Reid. 2,385,468; Sept. 25.
Ethers of endoethylene hydroxycyclopentanoindane. H. A. Bruson. 2,376,865; May 29.
Ethers of ether alcohols, Dihydronordicyclopentadienyl. H. A. Bruson. 2,375,767; May 15.
Ethers of hexestrol and producing same, Monoalkyl. F. C. Schmelkes. 2,385,472; Sept. 25.
Ethers of hydroxydihydronordicyclopentadiene, Halogenated. H. A. Bruson. 2,375,768; May 15.
Ethers of polyhydric alcohols, Cyano-alkyl. H. A. Bruson. 2,383,443; Aug. 28.
Ethers of primary nitro-alkalanes and preparing them. C. T. Bahner. 2,391,815; Dec. 25.
Ethers of styrene glycol. C. A. Thomas and C. A. Hochwalt. 2,372,615; Mar. 27.
Ethers of vitamin B_6. S. A. Harris. 2,382,876; Aug. 14.
Ethers, Preparation of polyvinyl. R. A. Scheiderbauer. 2,373,782; Apr. 17.
Ethers, Production of hydroxy. K. E. Marple, E. C. Shokal, and T. W. Evans. 2,380,185; July 10.
Ethers, Purification of aliphatic. J. C. Hillyer. 2,380,524; July 31.
Ethers, Stabilizing cellulose. S. L. Bass, L. A. Rauner, and P. H. Lipke, Jr. 2,383,361; Aug. 21.
Ethers, Sulphurized cardanol. F. P. Otto. 2,387,286; Oct. 23.
Etherification of lignins and lignin-like material. R. M. Dorland and R. M. Boehm. 2,379,889; July 10.
Ethyl B-ethoxy-propionate, Preparation of. B. L. Souther. 2,386,363; Oct. 9.
Ethyl benzene, Preparing. C. N. Kimberlin, Jr. 2,377,243; May 29.
Ethyl benzene, Production of. W. J. Mattox and W. L. Benedict. 2,389,445; Nov. 20.
Ethyl benzene, Production of. E. E. Stahly. 2,373,062; Apr. 3.
Ethyl benzene, Synthesis of. F. H. Blanding. 2,385,187; Sept. 18.
Ethylene, Alkylation of. G. T. Atkins, Jr. 2,385,123; Sept. 18.
Ethylene, Conversion of. V. N. Ipatieff and V. Haensel. 2,389,780; Nov. 27.
Ethylene, Polymerization and interpolymerization of. R. G. R. Bacon and R. B. Richards. 2,391,218; Dec. 18.
Ethylene, Polymerizing. W. E. Hanford, J. R. Roland, and H. S. Young. 2,377,779; June 5.
Ethylene polymers, Dispersions of. F. T. Peters. 2,384,848; Sept. 18.
Ethylene polymers, Producing. M. M. Brubaker. 2,377,753; June 5.
Ethylene polymers, Separating. N. W. Krase. 2,388,160; Oct. 30.
Ethylene, Production of. H. S. Miller. 2,378,236; June 12.
Ethylene sulphide reaction products of guanidine. L. P. Moore and W. P. Ericks. 2,372,598; Mar. 27.
Ethylene to butadiene, Conversion of. B. H. Shoemaker. 2,376,986; May 29.
Ethylene urea derivatives. F. W. Hoover and G. T. Valla. 2,373,136; Apr. 10.
Evacuated coolant containing valve. R. D. McDill. 2,369,063; Feb. 6.
Evacuated packages, System of producing. J. R. Sonneborn and J. Y. Albertson. 2,387,812; Oct. 30.
Evacuated valves, Making. R. E. Cummings. 2,367,756; Jan. 23.
Evaporator. F. D. Peltier. 2,381,686; Aug. 7.
Evaporator. W. H. Thompson. 2,388,773; Nov. 13.
Evaporator, Atomizing. C. W. Stratford. 2,368,049; Jan. 23.
Evaporator, Crystallizing. J. S. Hughes. 2,384,747; Sept. 11.
Evaporator for absorption refrigerating. P. R. M. M. Köhler. 2,384,313; Sept. 4.
Evaporator, Oil fired single effect. E. P. Worthen and B. Fox. 2,384,226; Sept. 4.
Evaporator, Single effect. E. P. Worthen and B. Fox. 2,378,350; June 12.
Evaporator unit. B. C. Johnson. 2,386,613; Oct. 9.
Evaporators, Making. B. C. Johnson. 2,377,557; June 5.
Excavating equipment. J. A. Bradley. 2,379,876; July 10.
Excavating machine. H. Hollmann and W. G. Van Voorhis. 2,368,360; Jan. 30.
Excavator. E. W. Austin. 2,380,285; July 10.
Excavator. E. R. Snyder. 2,381,085; Aug. 7.
Exchange apparatus, Heat. R. Pyzel. 2,382,255; Aug 14.
Exchanger, Heat. A. Y. Gunter. 2,389,850; Nov. 27.
Exercising apparatus. J. L. Wents. 2,388,777; Nov. 13.
Exhaust concealing and silencing device. N. O. Collier, Jr. 2,372,765; Apr. 3.
Exhaust silencer for internal-combustion engines. B. Smith. 2,367,473; Jan. 16.
Exhibiting device for short electrical impulses. K. Berger. 2,367,329; Jan. 16.
Exhibiting instrument. G. O. Lien. 2,373,695; Apr. 17.
Exothermic reaction charge. C. A. Cadwell. 2,383,040; Aug. 21.
Expanded cell tight rubber-avoidance of surface stickiness. H. Pfleumer. 2,383,734; Aug. 28.
Expander for fuel oil burners, Flame. W. Hesse. 2,368,301; Jan. 30.
Expander, Piston. W. J. Six. 2,383,893; Aug. 28.
Expander, Piston skirt. A. W. Engberg. 2,390,431; Dec. 4.
Expander, Piston skirt. M. E. Sipe. 2,374,463; Apr. 24.
Expander tool. R. C. Kuhn. 2,373,478; Apr. 10.
Expanding tool. J. J. Twardowski. 2,383,028; Aug. 21.
Expansible chamber motor. W. H. Wineman. 2,378,965. June 26.
Expansible member mounting. B. F. Telikamp. 2,376,635; May 22.
Expansion bit. C. F. Chaddock. 2,378,830; June 19.
Expansion joint. R. T. Moore and F. C. Harris. 2,371,907; Mar. 20.
Expansion joint. R. R. Robertson. 2,386,265; Oct. 9.
Expansion means. C. Gottwald. 2,378,214; June 12.
Expansion tool. F. Thompson. 2,370,333; Feb. 27.
Expansion valve. E. J. Dillman. 2,368,592; Jan. 30.
Explosion-proof apparatus. A. A. Ralston. 2,368,492; Jan. 30.
Explosive. F. R. Seavey. 2,382,921; Aug. 14.
Explosive and detonating apparatus. P. Lecky and J. J. Shively. 2,368,310; Jan. 30.
Explosive bullet. R. N. Nelson. 2,390,552; Dec. 11.
Explosive carrier sensitive to airplane induced aerial disturbances. G. F. Archer. 2,377,742; June 5.
Explosive charge. C. O. Davis and W. E. Kirst. 2,371,879; Mar. 20.
Explosive composition. K. M. Gaver. 2,389,771; Nov. 27.
Explosive composition. W. O. Snelling. 2,371,000; Mar. 6.
Explosive material. W. H. Bagley, Jr. 2,369,517; Feb. 13.
Explosive mixture and bomb for use therewith, Forming. R. S. Palmer. 2,368,038; Jan. 23.
Explosives, Connecting. M. C. Huber. 2,377,151; May 29.
Exposure control for cameras. B. E. Luboshez. 2,369,473; Feb. 13.
Exposure control, Photoelectric. K. Rath. 2,379,102; June 26.
Exposure meter. G. E. Freund. 2,389,617; Nov. 27.
Exposure meter. H. Kott. 2,386,320; Oct. 9.
Extensible dispensing container. M. I. Williamson. 2,367,706; Jan. 23.
Extensible hand tool. A. E. Carlberg. 2,382,291; Aug. 14.
Extension and reduction appliance. H. H. Haynes. 2,371,519; Mar. 13.
Extension-leaf table. D. De Tosti. 2,366,499; Jan. 2.
Extensometer. E. J. Dawson. 2,376,038; May 15.
Extensometer. J. B. Thorpe. 2,382,351; Aug. 14.
Extensor, Mechanical. W. J. Zenner. 2,382,596; Aug. 14.
Exterminating machine, Boll weevil. G. L. McCay. 2,389,677; Nov. 27.
Exterminator, Rodent. W. C. Bishop. 2,390,686; Dec. 11.
Extinguisher, Fire. J. Spiliane. 2,371,364; Mar. 13.
Extinguisher, Fire. J. W. Wright. 2,368,340; Jan. 30.
Extinguishing burning magnesium and the like. J. J. Fahey, M. Fleischer, and W. W. Rubey. 2,368,209; Jan. 30.
Extinguishing device, Arc. L. H. Matthias. 2,387,033; Oct. 16.
Extinguishing device, Fire. H. E. Brandt. 2,366,692; Jan. 9.
Extinguishing fires and fluid used therein. L. G. M. Timpson. 2,389,652; Nov. 27.
Extract, Anti-pressor renal. C. M. Wolf. 2,376,841; May 22.
Extract, Making coffee. R. Huguenin. 2,380,046; July 10.
Extracting apparatus. K. Finsterbusch. 2,388,732; Nov. 13.
Extraction apparatus. E. Böhm. 2,370,614; Mar. 6.
Extraction apparatus. C. F. Dinley and W. L. McCracken. 2,377,136; May 29.
Extraction method. C. F. Dinley and W. L. McCracken. 2,377,135; May 29.
Extraction of mineral oils, Solvent. O. L. Polly and A. C. Byrns. 2,385,645; Sept. 25.
Extraction of solid materials, Solvent. N. E. Berry. 2,381,965; Aug. 14.
Extraction process. A. M. Erickson and J. Ryan. 2,382,407; Aug. 14.
Extraction process. M. Souders, Jr. 2,377,049; May 29.
Extractive distillation. G. C. Cunningham. 2,380,723; July 31.
Extractive distillation. G. J. Pierotti. 2,375,035–6; May 1.
Extractor: *See*—
Bearing extractor.
Bearing race extractor.
Firearm extractor.
Fowl leg tendon extractor.
Fruit and vegetable juice extractor.
Fruit juice extractor.
Honey extractor.
Laundry extractor.
Radio tube extractor.
Rail extractor.
Extractor. L. McGihon. 2,389,862; Nov. 27.

Extractor for automatic guns. J. Dobremysl. 2,366,840; Jan. 9.
Extractor tool. C. Ferguson. 2,376,676; May 22.
Extracts, Making liquid. C. W. Carter. 2,368,113; Jan. 30.
Extruder. J. G. Curry. 2,371,225; Mar. 13.
Extruder, Potato. R. Petzold. 2,385,538; Sept. 25.
Extruding and apparatus therefor. H. F. Eisengrein. 2,366,782; Oct. 16.
Extruding and cutting apparatus for plastic materials. G. A. Bole, M. C. Shaw, and H. E. Co Van. 2,377,668; June 5.
Extruding device. J. W. Hoffecker. 2,386,796; Oct. 16.
Extrusion. B. C. McFadden. 2,366,344; Jan. 2.
Extrusion apparatus. G. L. Cherry and C. C. Veale. 2,373,167; Apr. 10.
Extrusion apparatus. C. E. Coleman. 2,387,718; Oct. 30.
Extrusion apparatus. R. T. Fields. 2,369,553; Feb. 13.
Extrusion apparatus for molding blocks, tubes, and the like. W. A. de Vigier. 2,386,665; Oct. 9.
Extrusion controlled water-stop expansion joint. A. C. Fischer. 2,374,186; Apr. 24.
Extrusion device for the manufacture of cable sheaths. W. Hyprath. 2,385,574; Sept. 25.
Extrusion machine. F. T. Griffiths. 2,367,394; Jan. 16.
Extrusion molding of plastic, Continuous. H. F. MacMillin. 2,366,417; Jan. 2.
Extrusion press. J. H. Bent and R. W. Pearson. 2,368,404; Jan. 30.
Extrusion press and operating same, Metal. L. Loewy. 2,388,558; Nov. 6.
Extrusion soldering apparatus. A. E. Rineer. 2,371,709; Mar. 20.
Eyecup. J. R. Eddins. 2,375,636; May 8.
Eye exercising device. R. E. Eaves. 2,380,508; July 31.
Eyeglass. J. C. Morrell. 2,367,418; Jan. 16.
Eyeglass construction. G. E. Nerney. 2,371,910; Mar. 20.
Eyeglass frame. R. T. Cook. 2,372,059; Mar. 20.
Eyeglass holder. J. O. Dibert. 2,380,297; July 10.
Eyeglass, shield, or the like. E. I. Wilson. 2,388,626; Nov. 6.
Eyeglasses. J. C. Breuker, Jr. 2,374,171; Apr. 24.
Eyeglasses. R. W. Carlisle. 2,390,825; Dec. 11.
Eyeglasses. G. Courtney. 2,382,962; Aug. 21.
Eyeglasses. W. A. Whipple. 2,380,281; July 10.
Eyeglasses. C. J. T. Young. 2,386,998; Oct. 16.
Eye mounting for dolls. S. Paganello. 2,378,787; June 19.
Eye protection means. C. A. Baratelli, D. P. Bernheim, and W. Lown. 2,387,821; Oct. 30.
Eye protection means. D. P. Bernheim, E. M. Splaine, W. H. Lehmberg, W. Lown, and C. A. Baratelli. 2,388,205; Oct. 30.
Eye protector. H. B. Lewis. 2,390,599; Dec. 11.
Eyeshield. J. B. DuBois. 2,368,750; Feb. 6.
Eyeshield. M. M. Werner. 2,389,223; Nov. 20.
Eye shield and guard, Combined. F. J. Hanak. 2,382,147; Aug. 14.
Eyeshield or visor. C. L. Peffer. 2,377,645; June 5.
Eye testing apparatus. W. F. Peck and A. A. Gradisar. 2,366,554; Jan. 2.
Eyelet cover. H. G. A. Helt. 2,369,735; Feb. 20.
F-M transceiver. M. Ziegler, J. F. Visscher, and L. Cavallero. 2,379,395; June 26.
Fabric: *See*—
Knitted fabric.
Loop-plush fabric.
Pile fabric.
Textile fabric.
Upholstering fabric.
Fabric. S. W. Alderfer. 2,373,801; Apr. 17.
Fabric. B. S. Faber. 2,371,038; Mar. 6.
Fabric. E. J. Jacob. 2,372,673; Apr. 3.
Fabric. E. J. Jacob. 2,385,577; Sept. 25.
Fabric. W. G. Luttge. 2,373,194; Apr. 10.
Fabric. J. R. Myles, D. Whittaker, and F. J. Siddle. 2,374,121; Apr. 17.
Fabric. R. D. Shank. 2,387,620; Oct. 23.
Fabric and garment construction. C. D. Williamson. 2,380,137; July 10.
Fabric and making, Reinforced textile. G. K. Ripley. 2,381,184; Aug. 7.
Fabric and making same, Knit. A. E. and F. R. Page. 2,387,768; Oct. 30.
Fabric and making the same. C. E. Johnson and D. M. Clark. 2,372,497; Mar. 27.
Fabric and making the same, Knit. M. Nebel. 2,379,649; July 3.
Fabric and making the same, Tubular knit. P. L. Thurston and D. Nagley. 2,369,927–8; Feb. 20.
Fabric and making, Treated. S. M. Edelstein. 2,389,421; Nov. 20.
Fabric and method, Napped. G. S. Radford. 2,390,386; Dec. 4.
Fabric and preparing and using the same, Elastic. S. C. Lilley and E. E. Foster. 2,384,936; Sept. 18.
Fabric and producing it. W. H. von Glahn and W. L. Walsh. 2,390,903; Dec. 11.
Fabric and producing same, Woven. R. Whewell and A. Bauer, Jr. 2,367,744; Jan. 23.
Fabric coating machine. F. B. Quinn and R. G. Levitch. 2,384,695; Sept. 11.
Fabric, Composite. L. Glass. 2,377,933; June 12.
Fabric construction. G. W. Rosenberg. 2,390,462; Dec. 4.
Fabric cutting, edge trimming, and rewinding machine. D. E. Van Maldeghem. 2,378,263; June 12.
Fabric cutting system. S. Cohn. 2,387,386; Oct. 23.
Fabric, Electrically heated. J. A. Hendley. 2,379,580; July 3.
Fabric feeding system. S. Cohn and J. G. Walter. 2,391,547; Dec. 25.
Fabric, Knitted. H. H. Holmes and A. H. Widdowson. 2,375,474; May 8.
Fabric material, Coated. W. D. Hedges, J. C. Lowman, and T. J. Kerr. 2,387,394; Oct. 23.
Fabric, Multicolor flock printed. H. Fountain. 2,368,706; Feb. 6.
Fabric repair machine. S. L. Hieber. 2,385,703; Sept. 25.
Fabric spreader. J. Zegarelli. 2,374,319; Apr. 24.
Fabric, Textile. D. Finlayson and H. Crawshaw. 2,370,946; Mar. 6.
Fabric with elastic selvage, Knitted. R. H. Lawson. 2,380,768; July 31.
Fabrics and like materials. W. I. Taylor and J. F. Levers. 2,376,983; May 29.
Fabrics and producing the same. H. Meyer. 2,380,775; July 31.
Fabrics and the like with beaded or similar decoration, Manufacture of. H. Freiberg. 2,370,028; Feb. 20.
Fabrics containing filament yarns, Increasing the transparency of. J. W. Stallings. 2,368,948; Feb. 6.
Fabrics, Finishing pigment-resin colored. R. D. Greene, R. H. Klenle, and R. D. Vartanian. 2,385,320; Sept. 18.
Fabrics, Identification marking of. J. Miglarese. 2,384,039; Sept. 4.
Fabrics, Making puckered. F. C. Wedler, 2,373,195; Apr. 10.
Fabrics, Sheening pile. J. D. MacMahon. 2,369,398; Feb. 13.
Fabrics, Sheening pile. J. D. MacMahon and L. D. Taylor. 2,369,399; Feb. 13.
Fabrics, Stiffened. A. A. Lawrence and S. L. Bass. 2,370,550; Feb. 27.
Fabrics with liquid, Impregnating. E. H. Czeczowitzka. 2,370,290; Feb. 27.
Fabricating transformers. J. R. Gaston. 2,380,300; July 10.
Face clutch. E. Wildhaber. 2,384,582–4; Sept. 11.
Face clutch. E. Wildhaber. 2,388,456; Nov. 6.
Facepiece. W. P. Yant. 2,382,364; Aug. 14.
Facing and closure, Sealing. I. F. Bulatkin. 2,376,899; May 29.
Facsimile apparatus. M. Artzt. 2,391,765; Dec. 25.
Facsimile apparatus. F. C. Collings, Jr. 2,376,034–5; May 15.
Facsimile apparatus. J. V. L. Hogan. 2,379,438; July 3.
Facsimile recorder. W. G. H. Finch. 2,374,673; May 1.
Facsimile scanner, Continuous. J. V. L. Hogan. 2,379,906; July 10.
Factis, Producing. I. Bencowitz. 2,382,284; Aug. 14.
Fader for motion-picture printers. A. B. Chatelain. 2,368,804; Feb. 6.
Fair-lead. P. J. Mochel. 2,369,169; Feb. 13.
Fair-leader. T. S. Lindabury. 2,387,520; Oct. 23.
Fairing and chock for aircraft, Combined. E. H. Schneckloth. 2,390,127; Dec. 4.
Fairings, Airplane. T. P. Hall. 2,381,350; Aug. 7.
Fan. A. W. Gaubatz. 2,374,342; Apr. 24.
Fan. L. Grant. 2,385,070; Sept. 18.
Fan. J. A. Heckman. 2,390,588; Dec. 11.
Fan, Air circulating. L. A. Gutkin. 2,390,299; Dec. 4.
Fan and compressor, Axial flow. F. L. Wattendorf. 2,384,000; Sept. 4.
Fan and dust collector, Combined centrifugal. R. L. Lincoln. 2,373,969; Apr. 17.
Fan arrangement for heat exchange devices. J. Briskin and W. Prosk. 2,368,518; Jan. 30.
Fan attachment. S. Taylor. 2,389,700; Nov. 27.
Fan, Axial flow. N. T. Bauer. 2,382,535; Aug. 14.
Fan, Centrifugal. L. W. Wightman. 2,370,600; Feb. 27.
Fan construction. W. R. Bonham. 2,381,567; Aug. 7.
Fan cooling system. H. F. Hagen. 2,384,068; Sept. 4.
Fan, Folding pocket. L. Bernstein. 2,371,792; Mar. 20.
Fan, High temperature. C. Nygren. 2,385,837–8; Oct. 2.
Fan impeller. M. H. Frisble. 2,370,652; Mar. 6.
Fan, Propeller. H. F. Hagen. 2,390,879; Dec. 11.
Fan, Propeller type. J. A. McLean, Jr. 2,390,804; Dec. 11.
Fan stopping device. A. N. Classon. 2,369,715; Feb. 20.
Fan, Ventilating. L. B. Williams. 2,372,621; Mar. 27.
Fan, Ventilating or exhaust. H. Morrison. 2,385,152; Sept. 18.
Fan wheel. F. M. Graham. 2,375,220; May 8.
Fare registering mechanism. H. J. Baur and T. E. Kulo. 2,374,321; Apr. 24.
Fare registering mechanism. E. H. Thompson. 2,366,882; Jan. 9.
Farm implement. A. and C. Schultz. 2,381,005; Aug. 7.
Fast charger. B. F. W. Heyer, C. W. Dalzell, and J. W. Horton. 2,369,826; Feb. 20.

Fastener: *See*—
Apparel fastener.
Corrugated metal fastener.
Cot fastener.
Cover fastener.
Cowl fastener.
Detachable clip fastener.
Door knob fastener.
Drawstring fastener.
Drive fastener.
Fender shield fastener.
Free flexing separable fastener.
Jar fastener.
Lock fastener.
Lockable hasp fastener.
One-way snap fastener.
Paper fastener.
Refrigerator door fastener.
Releasing end stop slide fastener.
Resilient fastener.
Resilient rail fastener.
Separable fastener.
Shiftable cowl fastener.
Single stringer separable fastener.
Skin fastener.
Slide clasp fastener.
Slide fastener.
Slide operated fastener.
Snap fastener.
Storm window fastener.
Strap fastener.
Tensional shingle fastener.
Threaded fastener.
Turn button fastener.
Wood joining fastener.
Fastener. A. R. Adams. 2,380,568; July 31.
Fastener. R. W. Allen. 2,385,180; Sept. 18.
Fastener. G. Brown. 2,387,641; Oct. 23.
Fastener. K. C. Bugg. Re. 22,681; Oct. 16.
Fastener. K. C. Bugg and H. L. Hart. 2,379,786; July 3.
Fastener. H. T. Hughes. 2,373,312; Apr. 10.
Fastener. C. M. Johnson. 2,369,297; Feb. 13.
Fastener. R. Mitchell. 2,376,167; May 15.
Fastener. B. C. Place. 2,389,635; Nov. 27.
Fastener. A. V. Reed. 2,383,079; Aug. 21.
Fastener. W. J. Ritzel. 2,387,468; Oct. 23.
Fastener. J. W. Simmons. 2,370,375; Feb. 27.
Fastener. W. L. Sparks. 2,386,723; Oct 9.
Fastener. J. M. Summers. 2,382,518; Aug. 14.
Fastener. J. D. Tessier. 2,374,394; Apr. 24.
Fastener. G. A. Tinnerman. Re. 22,659; Aug. 7.
Fastener. A. Venditty. 2,380,131; July 10.
Fastener and fastener combination. R. W. Johnson. 2,368,027; Jan. 23.
Fastener and fastener installation. F. E. Johnson. Re. 22,618; Mar. 13.
Fastener and making the same, Nonmetallic separable. F. R. Tabler. 2,389,565; Nov. 20.
Fastener and spacer, Combined. J. P. Klingensmith. 2,368,364; Jan. 30.
Fastener assembly. G. Cannova. 2,382,973; Aug. 21.
Fastener construction. J. M. Summers. 2,381,233; Aug. 7.
Fastener construction, Slide. I. Marinsky. 2,370,059; Feb. 20.
Fastener device. R. H. Dixon. 2,370,452; Feb. 27.
Fastener device for electrical conductors. W. L. Trafton. 2,382,945; Aug. 14.
Fastener device for wearing apparel, draperies, and the like. R. Ollivier. 2,366,549; Jan. 2.
Fastener device, Shiftable cowl. W. H. Churchill. 2,389,121; Nov. 20.
Fastener driving machine. J. A. Paul. 2,378,725; June 19.
Fastener for bed rails and the like. E. H. Anderson. 2,386,178; Oct. 9.
Fastener for belts. W. P. Reilly and C. W. Tingley. 2,386,977; Oct. 16.
Fastener for cold wave rollers. B. Johnson. 2,386,612; Oct. 9.
Fastener for detachably assembling two parts. J. E. F. Gobin dit Daude. 2,387,575; Oct. 23.
Fastener for duct forms and the like. A. P. Terry. 2,389,468; Nov. 20.
Fastener inserting machine. S. L. Gookin. 2,374,345; Apr. 24.
Fastener machine, Envelope. A. Novick. 2,387,605; Oct. 23.
Fastener setting or attaching machine. J. P. Treciokas. 2,373,436; Apr. 10.
Fastener stringer, Slide. R. F. Andler. 2,368,911; Feb. 6.
Fasteners, Applying laundryproof. P. E. Fenton. 2,371,813; Mar. 20.
Fasteners, Machine and method for making slide. F. Ulrich. 2,370,380; Feb. 27.
Fasteners, Manufacture of slide. L. M. Rabinowitz. 2,366,287; Jan. 2.
Fasteners, Slider for separable. R. C. Legat. 2,366,797; Jan. 9.
Fasteners, Slider for slide. M. Winterhalter. 2,373,523; Apr. 10.
Fastening appliance for disk records. F. B. Downing. 2,388,127; Oct. 30.
Fastening compacts, refills, containers and the like. E. R. Witherspoon. 2,390,568; Dec. 11.
Fastening device. E. R. Andrews and L. H. Steans. 2,386,922; Oct. 16.
Fastening device. E. C. Austin. 2,389,479; Nov. 20.
Fastening device. C. E. Brewster. 2,373,083; Apr. 3.
Fastening device. M. L. Davies. 2,377,405; June 5.
Fastening device. A. H. Fay, Jr. 2,367,100; Jan. 9.
Fastening device. R. C. Gazley. 2,372,566; Mar. 27.
Fastening device. E. Gisondi. 2,369,961–2; Feb. 20.
Fastening device. J. T. Glekler. 2,381,047; Aug. 7.
Fastening device. H. C. Glitsch. 2,375,409; May 8.
Fastening device. R. L. Hallock. 2,374,679; May 1.
Fastening device. C. H. Judd. 2,367,283; Jan. 16.
Fastening device. C. H. Judd. 2,377,694; June 5.
Fastening device. D. S. Kane. 2,368,713; Feb. 6.
Fastening device. J. B. Parsons. 2,383,154; Aug. 21.
Fastening device. R. L. Rapp. 2,390,325; Dec. 4.
Fastening device. F. L. Savageau. 2,376,089; May 15.
Fastening device. G. A. Tinnerman. 2,366,942; Jan. 9.
Fastening device. G. A. Tinnerman. 2,369,380; Feb. 13.
Fastening device. G. A. Tinnerman. 2,378,257–8; June 12.
Fastening device. G. A. Tinnerman. 2,378,957; June 26.
Fastening device. G. A. Tinnerman. 2,381,144; Aug. 7.
Fastening device. G. A. Tinnerman. 2,382,520–1; Aug. 14.
Fastening device. G. A. Tinnerman. 2,382,678; Aug. 14.
Fastening device. G. A. Tinnerman. 2,384,508; Sept. 11.
Fastening device. G. A. Tinnerman. 2,386,824; Oct. 16.
Fastening device. G. A. Tinnerman. 2,390,750–2; Dec. 11.
Fastening device. G. A. Tinnerman. 2,391,046; Dec. 18.
Fastening device. F. von Opel. 2,373,722; Apr. 17.
Fastening device, Plate. J. De Moor. 2,388,603; Nov. 6.
Fastening device, Shingle. A. C. Olsen. 2,368,867; Feb. 6.
Fastening devices, Forming. H. W. Kost. 2,383,133; Aug. 21.
Fastening devices, Stud member for quick detachable. W. H. Barlow. 2,391,288; Dec. 18.
Fastening for fibrous boards. J. S. Irvine and R. F. Clark. 2,376,698; May 22.
Fastening for life rafts. Releasable. H. G. Morner. 2,377,803; June 5.
Fastening holder. W. H. Barlow. 2,378,122; June 12.
Fastening-inserting machine. E. C. Gill. 2,376,910; May 29.
Fastening-inserting machine. J. T. Lancaster. 2,374,359; Apr. 24.
Fastening inserting machine. C. A. Robinson. 2,381,985; Aug. 14.
Fastening means. J. H. Booth. 2,377,397; June 5.
Fastening means. J. W. Simmons. 2,389,278; Nov. 20.
Fastening means. G. A. Tinnerman. Re. 22,673; Sept. 11.
Fastening means and applying same, Plastic. H. J. Luth and H. B. Scheidemantel. 2,366,274; Jan. 2.
Fastening means, Rail. R. T. Scholes. 2,385,032; Sept. 18.
Fastening strips, Making. R. Dasher. 2,369,026; Feb. 6.
Fat products, Stabilization of. F. A. Norris. 2,377,029; May 29.
Fat products, Stabilization of. F. A. Norris. 2,377,031; May 29.
Fat-soluble vitamin concentrates, Producing. L. O. Buxton. 2,389,955; Nov. 27.
Fats and fatty oils, Treating. H. D. Allen and W. A. Kline. 2,383,579; Aug. 28.
Fats and fatty oils, Treating. G. I. Keim. 2,383,601; Aug. 28.
Fats, Hydrolyzing. R. C. Daniels. 2,387,884; Oct. 30.
Fats, Treating raw animal. E. Ratner. 2,388,284; Nov. 6.
Fatigue testing machine, Rotating-beam-tube. T. T. Oberg. 2,376,379; May 22.
Fatty acids, Preparation of. A. G. Houpt. 2,378,359; June 12.
Fatty bodies, Treating. J. D. Fitzpatrick and L. D. Myers. 2,369,036; Feb. 6.
Fatty material, Stabilization of. L. C. Brown. 2,377,610; June 5.
Fatty materials, Preparing. C. J. Arrowsmith and J. Ross. 2,383,581; Aug. 28.
Fatty materials, Stabilization of. G. W. Phelps and H. C. Black. 2,374,234; Apr. 24.
Fatty materials, Treating. C. J. Arrowsmith and J. Ross. 2,383,580; Aug. 28.
Fatty products, Stabilization of. F. A. Norris. 2,377,030; May 29.
Faucet. C. V. Di Pietro. 2,371,432; Mar. 13.
Faucet. W. S. Du Charme. 2,375,980; May 15.
Faucet. J. M. Haldane. 2,372,081; Mar. 20.
Faucet. A. M. Moen. 2,373,702; Apr. 17.
Faucet attachment. M. Durst. 2,380,687; July 31.
Faucet attachment. H. R. Klein. 2,382,066; Aug. 14.
Faucet attachment. F. B. Williams. 2,370,433; Feb. 27.
Faucet connection, Quick-detachable. E. B. Bird. 2,371,375; Mar. 13.
Faucet, Dispensing. L. T. Ward. 2,388,026; Oct. 30.
Faucet handle. B. R. Crampton. 2,377,541; June 5.
Faucet, Sterile drawoff. F. A. Blashfield. 2,381,031; Aug. 7.
Faucet, Swing. F. Klein. 2,383,724; Aug. 28.
Faucet, Swing spout mixing. J. J. Delany. 2,389,599; Nov. 27.
Feather picker for fowls. W. R. Smith. 2,389,006; Nov. 13.
Feed and orienting mechanism, Washer. N. V. Kuehlman. 2,369,785; Feb. 20.
Feed apparatus, Cloth string. W. J. Simonds. 2,378,333; June 12.
Feed-back circuit. S. R. Jordan. 2,372,956; Apr. 3.
Feed carriage assembly for lathes. R. G. Le Tourneau. 2,383,266; Aug. 21.
Feed control for automatic screw machines. A. Slovak. 2,377,383–4; June 5.
Feed control for lining machines. J. Belada. 2,391,381; Dec. 25.
Feed control, Liquid fuel. T. J. Stephens. 2,381,372; Aug. 7.

Feed control, Machine gun. J. C. Trotter. 2,376,736; May 22.
Feed control means for duplicating machines, Hand. O. E. Rosen. 2,384,196; Sept. 4.
Feed device, Ammunition. G. W. Downer. 2,388,958; Nov. 13.
Feed device, Paper. G. W. Wender. 2,387,311; Oct. 23.
Feed, Filler tobacco. F. C. Gladeck. 2,378,921; June 26.
Feed for drapers, Supplemental. E. C. Graves. 2,389,193; Nov. 20.
Feed for filling machines, Container. J. Kantor. 2,370,969; Mar. 6.
Feed for fountain pens. D. Juelss. 2,380,763; July 31.
Feed for machine tools, Automatic chuck and stock. O. and H. O. Kylin, and M. L. Valentino. 2,369,466; Feb. 13.
Feed for photographing machines, Document. F. J. Schutt. 2,377,525; June 5.
Feed for plastic molding machines. F. W. McIntyre. 2,390,536; July 31.
Feed for plastic molding machines, Auxiliary scrap. W. O. Nichols. 2,382,655; Aug. 14.
Feed for tools, Adjustable. J. E. Kline. 2,386,901; Oct. 16.
Feed for woodworking machines, Board. C. M. Herz. 2,387,446; Oct. 23.
Feed, Livestock. W. P. Elmslie. 2,372,476; Mar. 27.
Feed means for cleaning machines. J. F. Malsbary 2,391,177; Dec. 18.
Feed mechanism. W. F. Ocenasek. 2,384,732; Sept. 11.
Feed mechanism. C. Paulsen. 2,389,929; Nov. 27.
Feed mechanism and weighing device, Combined. W. P. Valerino and J. A. Menendez. 2,367,247; Jan. 16.
Feed mechanism, Bin. F. G. Julyan. 2,387,399; Oct. 23.
Feed mechanism, Cartridge power. R. N. Nelson. 2,379,451; July 3.
Feed mechanism for cartridge belts. G. T. Bixby. 2,388,670; Nov. 13.
Feed mechanism for cartridge belts. G. C. Gentry and W. S. Boals. 2,375,219; May 8.
Feed mechanism for endless belt conveyers. C. M. Fuller, Jr. 2,368,352; Jan. 30.
Feed mechanism for punching and stamping presses, Automatic. J. Haller. 2,379,002; June 26.
Feed mechanism of machine and like automatic guns. J. Dobfemysl. 2,383,780; Aug. 28.
Feed of exhaust gases to turbo superchargers. A. P. E. Planiol. 2,379,541; July 3.
Feed, Paper. J. T. Ferry. 2,369,729; Feb. 20.
Feed pusher. C. S. Kasper. 2,389,913; Nov. 27.
Feed section unit for electric wiring systems. J. F. O'Brien. 2,385,375; Sept. 25.
Feed system for steam power plants, Closed. H. Hillier. 2,371,443; Mar. 13.
Feed water connection to boiler drum. W. S. Patterson and J. L. Barnes. 2,388,177; Oct. 30.
Feed water heater. B. R. McBath. 2,376,068; May 15.
Feeder: *See*—

Corrugated paperboard chick feeder.	Poultry and live stock feeder.
Dry chemical feeder.	Rivet feeder.
Electrically vibrated feeder.	Sheet feeder.
Glass feeder.	Solids feeder.
Hog feeder.	Stock feeder.
Hydraulic sand feeder.	Sugar cane feeder.
Percentage feeder.	Vacuum feeder.
	Wire feeder.

Feeder for automatic firearms. G. Webb. 2,388,453; Nov. 6.
Feeder for die presses. E. E. Buchan. 2,381,571; Aug. 7.
Feeder for driers. R. T. Gaumer. 2,366,779; Jan. 9.
Feeder for lumber grading tables, Automatic. E. F. Bassler. 2,374,659; May 1.
Feeder head. R. P. Scherer. 2,367,802; Jan. 23.
Feeder to container capping machines or the like. M. S. Reina. 2,371,650; Mar. 20.
Feeding and blanking die mechanism. H. D. Handley. 2,366,728; Jan. 9.
Feeding and embossing mechanism, Closure. J. E. Sharp. 2,380,194; July 10.
Feeding and marking device, Cover. W. Dietzel. 2,386,845; Oct. 16.
Feeding and orienting method and apparatus. G. N. Hein. 2,372,325; Mar. 27.
Feeding and regulating means for machine-tools. A. W. Menzies. 2,372,906; Apr. 3.
Feeding apparatus for chicks. M. P. Niersbach. 2,383,732; Aug. 28.
Feeding apparatus, Livestock. A. D. Duncan. 2,384,900; Sept. 18.
Feeding apparatus, Material. W. MacWilliam and K. Pape. 2,369,359; Feb. 13.
Feeding device. M. D. Heyman. 2,385,988; Oct. 2.
Feeding device. R. Luthi. 2,371,177; Mar. 13.
Feeding device. J. H. Murch. 2,374,694; May 1.
Feeding device. R. P. Place. 2,385,643; Sept. 25.
Feeding device. E. E. Richey. 2,373,600; Apr. 10.
Feeding device, Automatic. L. F. Glaude. 2,388,405; Nov. 6.
Feeding device for automatic firearm. G. Webb. 2,375,453; May 8.
Feeding device for automatic machines. G. Dearsley and R. W. Harris. 2,373,747; Apr. 17.
Feeding device for rock drills. P. A. Lincoln. 2,379,811; July 3.
Feeding device, Rivet. L. G. Speth. 2,373,509; Apr. 10.
Feeding device, Web. R. A. Lake. 2,389,200; Nov. 20.
Feeding means for machine tools, Workpiece. H. King. 2,382,013; Aug. 14.
Feeding mechanism. N. R. Krause and S. C. Heth. 2,390,949; Dec. 11.
Feeding mechanism. O. J. Schorer. 2,385,946; Oct. 2.
Feeding mechanism for container parts. J. A. Moore. 2,387,766; Oct. 30.
Feeding mechanism for sewing machines. A. B. Clayton. 2,386,660; Oct. 9.
Feeding mechanism for threshing combines. H. S. Ausherman. 2,390,680; Dec. 11.
Feeding system, Conveyer. J. W. Stiles. 2,389,696; Nov. 27.
Feeler, Filling. J. M. Tuten. 2,379,403; June 26.
Felt conditioning, Method and apparatus for. T. S. Jordan. 2,368,662; Feb. 6.
Felting method and machine. J. A. Gould. 2,372,484; Mar. 27.
Fence, Haystack. U. M. Coe. 2,376,903; May 29.
Fence post or the like. W. Rasso. 2,384,338; Sept. 4.
Fence, Single-row scour prevention. T. M. Joyce and P. L. Fite. 2,381,290; Aug. 7.
Fence, Snow. P. Tholstrup. 2,389,395; Nov. 20.
Fender shield attaching clamp. A. P. Fergueson and G. W. Schatzman. 2,372,070; Mar. 20.
Fender shield construction and assembly. G. A. Lyon. 2,368,231; Jan. 30.
Fender shield fastener. A. P. Fergueson and G. W. Schatzman. 2,372,069; Mar. 20.
Fender shield molding. A. P. Fergueson. 2,369,035; Feb. 6.
Fender, Vehicle. B. J. Craig. 2,379,341; June 26.
Fermentable matter, Treatment of. M. V. H. Prins 2,374,620; Apr. 24.
Fermentation processes. C. Weizmann. 2,386,374; Oct. 9.
Fermentation residues, Treating. W. Dennis. 2,375,288; May 8.
Fermentation, System of continuous. F. Alsola. 2,371,208; Mar. 13.
Ferricyanide, Purification of. L. L. Lento, Jr., and A. G. Houpt. 2,366,915; Jan. 9.
Ferromagnetic material, Manufacture of. D. A. Oliver. 2,381,363; Aug. 7.
Ferromanganese, Manufacture of. P. Adeline. 2,370,610; Feb. 27.
Ferrous metal articles, Producing. F. G. Buffum. 2,380,385; July 31.
Ferrous metal bodies, Thermochemically treating. J. A. Hoffman. 2,366,787; Jan. 9.
Ferrous metals by ammoniacal solutions of ammonium nitrate, Preventing corrosion of. C. K. Lawrence and R. F. Engel. 2,366,796; Jan. 9.
Ferrule attaching machine, Automatic. J. L. Vaill. 2,377,829; June 5.
Ferrule for caps of containers, Nonmetallic. F. Mallgraf. 2,390,721; Dec. 11.
Fertilizer distributor. A. W. Molinare. 2,370,744; Mar. 6.
Fertilizer distributor. C. H. White. 2,369,508; Feb. 13.
Fiberboard, Manufacture of surface-hardened. H. E. Walter. 2,375,450; May 8.
Fiber-body articles, Making. K. J. Kopplin. 2,378,642; June 19.
Fiber composition, Moldable. A. J. Hanley. 2,378,477; June 19.
Fiber container. F. J. O'Brien. 2,369,975; Feb. 20.
Fiber container or other fiber articles, Producing potential openings in a. R. G. Beaton. 2,390,072; Dec. 4.
Fiber cutting machine. J. V. Weinberger. 2,379,844; July 3.
Fiber, Drafting textile. E. H. Rooney. 2,387,091; Oct. 16.
Fiber felts, Forming. R. N. Brownlee. 2,389,024; Nov. 13.
Fiber handling mechanism. C. A. Smith. 2,372,343; Mar. 27.
Fiber liberation, Floss. B. Berkman. 2,375,186; May 8.
Fiber, Manufacture of staple. A. L. Jackson. 2,384,032; Sept. 4.
Fiber products, Making compressed. H. K. Linzell. 2,388,487; Nov. 6.
Fibers and manufacture thereof, Artificial. R. A. Boyer, W. T. Atkinson, and C. F. Robinette. 2,377,854; June 12.
Fibers and sheets, Manufacture of rubberized. P. W. Pretzel. 2,375,245; May 8.
Fibers composition, Production of resinous felted. H. W. Richter and H. R. Gillette. 2,387,683; Oct. 23.
Fibers, Making artificial. M. Spertus. 2,371,075; Mar. 6.
Fibers, Making fine. A. W. Hanson. 2,385,358; Sept. 25.
Fibers, Manufacture of artificial textile. R. L. Wormell. 2,389,015; Nov. 13.
Fibers, Treating low rank textile. J. C. Elgin. 2,372,561; Mar. 27.
Fibers, Treatment of cellulosic. J. W. Stallings. 2,390,032; Nov. 27.
Fibrocementitious sheets, Manufacture of. J. Driscoll. 2,383,716; Aug. 28.
Fibrous article, Smooth surface. K. J. Kopplin. 2,373,033; Apr. 3.

Fibrous articles, Method of and apparatus for making. V. T. Paré. 2,384,958; Sept. 18.
Fibrous bodies, Fabrication of. A. M. Howald and L. S. Meyer. 2,375,365; May 8.
Fibrous conduit and manufacture. E. S. Reid. 2,370,193; Feb. 27.
Fibrous container. H. E. McCrery. 2,388,277; Nov. 6.
Fibrous material and the material treated by such process, Improving. C. Graenacher, R. Sallmann, O. Albrecht, and J. Frei. 2,370,031; Feb. 20.
Fibrous materials and agents therefor, Matting lustrous. G. De Niederhäusern. 2,376,908; May 29.
Fibrous materials and products so produced, Treating. L. Smidth. 2,376,200; May 15.
Fibrous product and making the same. J. G. Curado and A. C. Finalborgo. 2,372,713; Apr. 3.
Fibrous textile materials fast to slipping, Rendering. O. Albrecht. 2,390,046; Dec. 4.
Figured mobile toy. J. E. Plank. 2,377,646; June 5.
Filament joint structure for electric lamps. R. E. Smith. 2,366,292; Jan. 2.
Filament or cathode and manufacture, Coiled. W. P. Zabel 2,371,205; Mar. 13.
Filament storage apparatus. J. Flaws, Jr. 2,372,072; Mar. 20.
Filament treating system. F. A. Barta. 2,388,945; Nov. 13.
Filament winding apparatus. E. Sirp. 2,371,780; Mar. 20.
Filament winding apparatus. E. Sirp. 2,371,782; Mar. 20.
Filamentary material, Method and apparatus for handling. A. Bruenner. 2,381,643; Aug. 7.
Filamentary material, Method and apparatus for treating. P. M. Cole and A. Lodge. 2,371,579; Mar. 13.
Filamentary materials, Handling. H. J. Taylor. 2,385,894; Oct. 2.
Filaments from molten organic compositions, Producing. E. T. Weibel. 2,369,506; Feb. 13.
Filaments or fibers, Method and mechanism for treating. B. F. McCreery. 2,373,768; Apr. 17.
Filaments, Process and apparatus for treating artificial. L. R. Mummery. 2,379,824; July 3.
Filaments, threads, films, and the like, Manufacture and production of artificial. H. J. Hegan and J. H. Givens. 2,375,650; May 8.
File band. L. Coddington. 2,372,553; Mar. 27.
File cabinet. H. C. Lindros. 2,372,504; Mar. 27.
File, Desk. G. J. Sengbusch. 2,380,678; July 31.
File, Fingernail. F. J. Sapyak. 2,388,292; Nov. 6.
File folder. J. B. Murray. 2,374,695; May 1.
File holder. M. A. Jaynes. 2,388,920; Nov. 13.
File, Rotary. F. H. Saltz. 2,383,944; Sept. 4.
File sharpening machine. A. H. Swartzwelder. 2,375,703; May 8.
Filing apparatus. R. P. Scholfield. 2,368,162; Jan. 30.
Filing cabinet. C. Z. Hubbell. 2,370,664; Mar. 6.
Filing cabinet. W. F. Regenhardt. 2,372,292; Mar. 27.
Filing cabinet. C. H. Van Donk. 2,378,114; June 12.
Filing device, Saw. M. Orskog. 2,383,151; Aug. 21.
Filing equipment, Card. G. C. Bruen. 2,372,249; Mar. 27.
Filing machine. B. Grob. 2,372,826; Apr. 3.
Filing machine. R. O. Hein. 2,367,864; Jan. 23.
Filing panel, Paper. R. E. Wells. 2,390,974; Dec. 11.
Filing receptacle. O. L. Cleven and L. A. Wilson. 2,389,612; Nov. 27.
Filing system. T. J. Watson and B. H. Phillips. 2,386,520; Oct. 9.
Filler and earth moving attachment for tractors, Trench. B. F. Arps. 2,370,830; Mar. 6.
Filler and making same, Activated. H. Burrell. 2,380,214; July 10.
Filler and stiruper, Bottle. J. Kantor. 2,372,899; Apr. 3.
Fillers for paper-making, Diatomaceous earth. M. A. Harrison. 2,366,400; Jan. 2.
Filling and measuring apparatus. A. Rambold. 2,370,191; Feb. 27.
Filling and packaging machine, Continuous. H. F. Waters. 2,385,897; Oct. 2.
Filling body, Loosely dumped. H. Frischer. Re. 22,696; Nov. 27.
Filling device. J. G. Hoff. 2,366,529; Jan. 2.
Filling liquid gas bottles. R. B. Fannin. 2,387,894; Oct. 30.
Filling machine. C. T. Walter. 2,376,838; May 22.
Filling machine, Cartridge belt. J. H. Woodberry. 2,368,076; Jan. 23.
Filling machine, Liquid. C. W. Heinle. 2,380,434; July 31.
Filling machine, Rotary mold. F. Tager. 2,387,782; Oct. 30.
Filleting machine, Fish. C. M. Savrda. 2,381,560; Aug. 7.
Film actuating mechanism. F. O. Calvin, W. G. Wilson, and T. R. Smith. 2,377,756; June 5.
Film, Antihalation. G. F. Nadeau. 2,376,175; May 15.
Film, Antistatic. G. F. Nadeau and C. S. Hunter. 2,386,627; Oct. 9.
Film clip. C. Simpson. 2,387,471; Oct. 23.
Film, Composite therapeutic. F. C. Schmelkes and F. J. G. de Leeuw. 2,381,621; Aug. 7.
Film developing reel. A. Drucker. 2,369,220; Feb. 13.
Film drive mechanism. T. I. Ress. 2,367,140; Jan. 9.
Film drive mechanism, Motion picture. T. I. Ress. 2,374,038; Apr. 17.
Film drum drive for photophonographic apparatus. E. W. Kellogg. 2,385,863; Oct. 2.
Film exposing apparatus. A. E. Carlson. 2,387,881; Oct. 30.
Film feeding apparatus. D. Canady. 2,382,772; Aug. 14.
Film feeding device. J. A. Reyniers. 2,369,980; Feb. 20.
Film feeding mechanism for motion picture projection machines. E. Boecking. 2,369,207; Feb. 13.
Film for glass and producing same, Transmission. F. L. Jones and T. J. Zak. 2,369,741; Feb. 20.
Film-forming compositions. L. P. Hubbuch and P. Robinson. 2,370,962; Mar. 6.
Film, Grease-resistant. J. A. Mitchell and D. D. Lanning. 2,374,767; May 1.
Film handling apparatus and magazine for use therewith. O. W. Wilson and W. D. Foster. 2,391,497; Dec. 25.
Film holder. E. G. Forssell. 2,389,495; Nov. 20.
Film holding clip. H. S. Wolf. 2,370,434; Feb. 27.
Film magazine. F. H. Owens. 2,384,637; Sept. 11.
Film magazine and driving mechanism, Camera. H. C. Cunningham. 2,379,690.
Film marking and mark indicating system. W. O. Watson. 2,379,505; July 3.
Film marking system. J. W. Jones, Jr. 2,385,861; Oct. 2.
Film, Method and apparatus for making. G. F. Nadeau. 2,369,484; Feb. 13.
Film, method and apparatus for treating plastic. H. L. Young. 2,373,215; Apr. 10.
Film mount slide. J. J. Bradford. 2,390,053; Dec. 4.
Film processing apparatus. A. R. Hansen. 2,378,217; June 12.
Film reel. J. Isaac. 2,384,621; Sept. 11.
Film reel. J. Robertson. 2,380,790; July 31.
Film registering mechanism. A. W. Tondreau. 2,366,578; Jan. 2.
Film registration, Cinematographic. G. F. Rackett. 2,369,176; Feb. 13.
Film reproducing system, Sound. E. C. Manderfeld. 2,373,840; Apr. 17.
Film scanning device. J. Küffer. 2,387,592; Oct. 23.
Film selector device, Multiple sound track. J. J. Rausch. 2,373,260; Apr. 10.
Film splicing apparatus. J. Bolsey. 2,367,330; Jan. 16.
Film, Subbing photographic. A. E. Beguin and D. R. Swan. 2,388,817; Nov. 13.
Film transport mechanism. C. Widell. 2,384,358; Sept. 4.
Films, Making photographic. R. W. Tyler. 2,384,657; Sept. 11.
Films, Method and apparatus for forming. A. F. Turner. 2,373,639; Apr. 10.
Films, Producing motion picture. I. M. Terwilliger. 2,375,962; May 15.
Filter: *See*—

Adsorption filter.	Liquid bath filter.
Air filter.	Liquid filter.
Continuous industrial filter.	Oil filter.
Electric wave filter.	Pipe line filter.
Electrical filter.	Portable filter.
Fluid filter.	Pressure filter.
Gas filter.	Self-cleaning filter.
	Water filter.

Filter. W. G. Burhans. 2,375,345; May 8.
Filter. H. E. Carter. 2,388,668; Nov. 13.
Filter. W. Carter and G. Winchell. 2,386,433; Oct. 9.
Filter. G. E. Franck. 2,367,935; Jan. 23.
Filter. W. W. Hallinan. 2,389,431; Nov. 20.
Filter. M. G. Hastings and H. J. Hayward. Re. 22,651; June 12.
Filter. M. G. Hastings and H. J. Hayward. 2,368,216; Jan. 30.
Filter. W. A. Hermanson. 2,386,684; Oct 9.
Filter. C. E. Hunziker. 2,381,453; Aug. 7.
Filter. W. Kasten. 2,367,873; Jan. 23.
Filter. S. P. Kinney. 2,371,760; Mar. 20.
Filter. R. J. Koupal. 2,391,716; Dec. 25.
Filter. A. C. Kracklauer. 2,379,582; July 3.
Filter. E. Longden. 2,390,841; Dec. 11.
Filter. W. Marselus. 2,367,794; Jan. 23.
Filter. W. J. Neisingh. 2,383,672; Aug. 28.
Filter. J. A. Pickard. 2,374,953; May 1.
Filter. W. B. Pond and G. R. Holt. 2,389,814; Nov. 27.
Filter. W. B. Pumphrey. 2,386,506; Oct. 9.
Filter. W. H. Sayler. 2,379,930; July 10.
Filter. D. G. Taylor. 2,372,865; Apr. 3.
Filter. L. L. Thompson. 2,381,627; Aug. 7.
Filter. P. Van Winkle. 2,390,628; Dec. 11.
Filter. C. G. Vokes. 2,381,705; Aug. 7.
Filter. J. M. Walker, Jr. 2,376,739; May 22.
Filter. W. Widmann. 2,382,278; Aug. 14.
Filter. A. Wright. 2,371,417; Mar. 13.
Filter and diaphragm control, Eyepiece. J. H. Eagle. 2,371,744; Mar. 20.
Filter and strainer medium. L. A. Kisch. 2,374,755; May 1.
Filter and water purifier. F. Senyal. 2,372,340; Mar. 27.
Filter bed cleaning. P. B. Streander. 2,389,329; Nov. 20.
Filter bed expansion control. W. H. Green. 2,376,912; May 29.
Filter bottom. J. P. Myron. 2,378,239; June 12.
Filter control for aircraft engines and superchargers. E. S. Thompson. Re. 22,656; July 31.

Filter control for aircraft engines and superchargers. E. S. Thompson. 2,368,501; Jan. 30.
Filter devices for coffee makers. A. J. Peterson. 2,390,269; Dec. 4.
Filter for coffee makers. M. Aycock. 2,366,951; Jan. 9.
Filter for coffee making, Strainer. F. J. Burnham. 2,381,104; Aug. 7.
Filter for inspirators. W. B. Ensign and J. H. Flynn. 2,378,839; June 19.
Filter for liquids or gases. C. G. Vokes. 2,387,368; Oct. 23.
Filter for swimming pools. W. G. Chambers. 2,367,997; Jan. 23.
Filter frame. F. E. Wolcott and L. V. Lucia. 2,373,987; Apr. 17.
Filter material. R. Karlström. 2,389,435; Nov. 20.
Filter medium. E. C. Lathrop and S. I. Aronovsky. 2,372,437; Mar. 27.
Filter medium, Producing a. A. M. Goodloe. 2,382,560; Aug. 14.
Filter-packs and manufacture. W. Kasten. 2,375,246; May 8.
Filter preparations, Stabilized. E. Schwenk and E. E. Henderson. 2,377,188; May 29.
Filter replacement unit. J. D. Wicks. 2,367,745; Jan. 23.
Filter structure. S. C. Zylstra. 2,378,879; June 19.
Filter unit. S. W. Briggs. 2,375,765; May 15.
Filter unit and making the same. P. F. McDermott. 2,383,066; Aug. 21.
Filtering apparatus. G. G. Allan. 2,369,124; Feb. 13.
Filtering apparatus. H. Lebrecke. 2,377,252; May 29.
Filtering apparatus. W. Smalley. 2,384,972; Sept. 18.
Filtering apparatus and process. F. H. McBerty. 2,374,114; Apr. 17.
Filtering device. P. B. Kraus. 2,383,868; Aug. 28.
Filtering device. L. V. Lucia. 2,370,674; Mar. 6.
Filtering device, Respiratory. J. B. Biederman. 2,378,971; June 26.
Filtering means. J. J. Naugle. 2,381,462; Aug. 7.
Filtering medium. J. M. Garriga. 2,387,726; Oct. 30.
Filters, Washing rotating drum. J. A. Selensky. 2,378,754; July 3.
Filtration. W. Kierstead, Jr. Re. 22,646; May 29.
Filtration. L. A. Tarbox. 2,385,238; Sept. 18.
Fin means for aircraft, Detachable auxiliary. L. M. Griffin. 2,373,677; Apr. 17.
Fins, Cooling. W. B. Bronander. 2,371,144; Mar. 13.
Fins from molded products, Removing. W. E. Kopplin. 2,380,653; July 31.
Finder, Course intersection. F. A. Reece. 2,370,753; Mar. 6.
Finder, Range. E. G. Lurcott, Jr. 2,373,249; Apr. 10.
Finder, View and range. E. K. Kaprelian. 2,384,552; Sept. 11.
Fine measurements, Making. J. R. Cornelius. 2,387,496; Oct. 23.
Fingernail drier. J. R. Corbett. 2,374,472; Apr. 24.
Fingerprinting apparatus. H. J. Doepner. 2,384,018; Sept. 4.
Finish for textiles, Permanent. J. M. Hood. 2,371,892; Mar. 20.
Finishes to the surface of wood or other porous materials, Applying. A. Klammt and G. W. Kretzschmar. 2,375,113; May 1.
Finishing composition and making. J. M. Fain. 2,368,126; Jan. 30.
Finishing of cloth. D. W. Light. 2,370,362; Feb. 27.
Finishing seam and method. I. F. Webb. 2,372,632; Mar. 27.
Finishing system, Wood. M. M. Wilson and W. B. Be. 2,381,944; Aug. 14.
Finishing treatment for felt and felt hat bodies. E. Loy. 2,379,643; July 3.
Fire alarm apparatus. E. F. Bates. 2,369,521; Feb. 13.
Fire alarm system. H. S. Jones. 2,376,920; May 29.
Firearm. B. Baker and C. H. Barnes. 2,377,661; June 5.
Firearm. C. E. Balleisen. 2,372,652; Apr. 3.
Firearm. J. J. Collins. 2,386,543; Oct 9.
Firearm. H. E. Eklund. 2,388,396; Nov. 6.
Firearm. J. C. Garand. 2,377,338; June 5.
Firearm. J. C. Garand. 2,386,205; Oct. 9.
Firearm. M. M. Johnson, Jr. 2,377,692; June 5.
Firearm. C. C. Loomis. 2,377,703; June 5.
Firearm. C. C. Loomis. 2,387,669; Oct. 23.
Firearm. K. J. Lowe. 2,369,244; Feb. 13.
Firearm. E. G. Reising. 2,374,621; Apr. 24.
Firearm. C. E. Simpson. 2,379,461; July 3.
Firearm. M. H. Walker. 2,383,356; Aug. 21.
Firearm. D. M. Williams. 2,373,622; Apr. 10.
Firearm. D. M. Williams. 2,377,737; June 5.
Firearm adapted to be used in carriages. Automatic shoulder. W. Rossmanith. 2,376,726; May 22.
Firearm attachment. C. F. Trafford. 2,391,659; Dec. 25.
Firearm, Automatic. J. Dobfemyal. 2,367,488; Jan. 16.
Firearm, Automatic. H. Lippert and E. Hepperle. 2,380,455; July 31.
Firearm, Automatic. G. Webb. 2,375,452; May 8.
Firearm, Bolt-action. R. Rice. 2,374,378; Apr. 24.
Firearm, Electrical. F. P. Leininger. 2,381,547; Aug. 7.
Firearm extractor. F. C. Speed. 2,373,608; Apr. 10.
Firearm foregrip. M. M. Johnson, Jr. 2,386,802; Oct. 16.
Firearm, Gas-operated self-loading. H. L. Crockett. 2,370,233; Feb. 27.
Firearm, Gas-operated self-loading. C. G. Swebilius. 2,373,204; Apr. 10.
Fire arm, repeating. C. G. Swebilius. 2,373,794; Apr. 17.
Firearm, Self-loading. W. C. Roemer. 2,372,339; Mar. 27.
Firearm sight. G. F. Prideaux. 2,385,649; Sept. 25.
Firearms, Disconnector means in self-charging. H. E. Eklund. 2,390,061; Dec. 4.
Firearms, Piston means for gas-operated. D. M. Williams. 2,376,466; May 22.
Firebox and combustion chamber construction. H. A. Lacerda. 2,373,571; Apr. 10.
Firebox equipment, Locomotive. C. A. Siegel. 2,379,597; July 3.
Fire control. R. I. Markey. 2,388,489; Nov. 6.
Fire control means. L. H. Brown. 2,385,343; Sept. 25.
Fire control system. J. S. Detwiler. 2,373,877; Apr. 17.
Fire-detecting system. F. C. Evans and K. O. Donelian. 2,385,976; Oct. 2.
Fire detection system. F. C. Evans. 2,387,752; Oct. 30.
Fire director apparatus for antiaircraft guns. A. Svoboda. 2,385,952; Oct. 2.
Fire director for antiaircraft guns. A. Svoboda. 2,372,613; Mar. 27.
Fire door frame. G. McCormick and B. M. Brown. 2,387,523; Oct. 23.
Fire engine pump assembly. B. D. Barton and A. P. Adney. 2,372,308; Mar. 27.
Fire escape. A. E. McDonnell. 2,390,955; Dec. 11.
Fire escape apparatus. H. D. Elwood. 2,381,811; Aug. 7.
Fire escape apparatus for aerial ladder trucks. H. D. Elwood. 2,381,812; Aug. 7.
Fire escape chute mounting. H. D. Elwood. 2,375,407; May 8.
Fire escape chute support. H. D. Elwood. 2,381,810; Aug. 7.
Fire extinguisher. W. F. Blake. 2,384,526; Sept. 11.
Fire extinguisher. C. B. Eaton. 2,373,819; Apr. 17.
Fire extinguisher. J. C. Eckert, Jr. 2,383,048; Aug. 21.
Fire extinguisher. G. G. Griswold and F. J. Lee. 2,389,501–2; Nov. 20.
Fire extinguisher. R. C. Iddings, E. R. Bork, and H. G. Williams. 2,383,129; Aug. 21.
Fire extinguisher. W. Koehler. 2,385,449; Sept. 25.
Fire extinguisher. C. B. White and C. H. Lindsay. 2,377,735; June 5.
Fire extinguisher, Hand. S. Boal. 2,375,615; May 8.
Fire extinguisher means. D. M. Myers. 2,378,426; June 19.
Fire extinguishing apparatus. F. J. Lee. 2,381,606; Aug. 7.
Fire extinguishing composition. R. E. Sargent and M. W. M. Devitt. 2,388,014; Oct. 30.
Fire extinguishing composition and the manufacture thereof. G. A. Fasold and H. W. Greider. 2,385,500; Sept. 25.
Fire extinguishing method and apparatus. L. D. Myers. 2,387,935; Oct. 30.
Fire extinguishing method and apparatus. H. V. Williamson. 2,387,963; Oct. 30.
Fire extinguishing system. H. C. Grant, Jr., 2,378,404; June 19.
Fire extinguishing unit. J. L. Hull and F. J. Lee. 2,381,749; Aug. 7.
Fire-foam producing apparatus. H. E. Bedford. 2,373,009; Apr. 3.
Fire hose coupling. T. R. Smith. 2,389,825; Nov. 27.
Fire hose, Fabric. J. W. Stallings. 2,390,033; Nov. 27.
Fire hose safety bracket. N. H. Dumfeld and C. F. Jackson. 2,371,959; Mar. 20.
Fireplace heater. D. H. Lamar. 2,371,398; Mar. 13.
Fireproofing compositions. M. Leatherman. 2,378,714–15; June 19.
Fire protective means for safes, cabinets, etc. J. D. Brush. 2,377,990; June 12.
Fire resistant portfolio, document folder, or the like. H. Cibert. 2,383,108; Aug. 21.
Fire resisting cabinet. J. H. Page. 2,390,732; Dec. 11.
Fire-retardant and water-repellent finishes, Formation of. A. A. Cook and E. B. Whitworth. 2,381,487; Aug. 7.
Fire-tube boiler. H. G. Sawyer. 2,388,647; Nov. 6.
Fire unit. S. T. Howard. 2,367,216; Jan. 16.
Firing control mechanism. B. F. Joyce. 2,372,327; Mar. 27.
Firing device for the fuses of bombs, flares, and the like. T. F. Giles. 2,382,872; Aug. 14.
Firing head for gun perforators. J. G. Smylie. 2,388,938; Nov. 13.
Firing mechanism. C. V. Crockett, Jr., and C. H. Bouvy. 2,375,627; May 8.
Firing mechanism. W. B. Ruger. 2,388,443; Nov. 6.
Firing mechanism. W. Summerbell. 2,366,758; Jan. 9.
Firing mechanism barrier. W. E. Thibodeau and G. J. Kessenich. 2,367,246; Jan. 16.
Firing mechanism for firearms. J. W. Norman. 2,380,326; July 10.
Firing mechanism for repeating firearms. V. A. Browning. 2,385,057; Sept. 18.
Firing mechanism, Impact. W. E. Thibodeau and G. J. Kessenich. 2,367,245; Jan. 16.
Firing rate reducer. C. W. Gilligan. 2,384,832; Sept. 18.
Firing rate reducer. C. E. Simpson. 2,384,854; Sept. 18.

First-aid kit and stretcher. Z. T. Egardner. 2,385,067; Sept. 18.
Fish cleaning machine. L. H. Funkey. 2,370,947; Mar. 6.
Fish food, Making. R. D. Eisaman. 2,371,682; Mar. 20.
Fishhook. H. P. Birkemeier. 2,385,602; Sept. 25.
Fishhook. B. M. Hammond. 2,385,274; Sept. 18.
Fishhook. T. K. Oden and R. L. Wight. 2,383,073; Aug. 21.
Fishhook. W. W. Weichselbaum. 2,366,662; Jan. 2.
Fishhook holder. J. E. Groulx. 2,371,517; Mar. 13.
Fishhook making machine. W. J. DeWitt, E. L. Ott, and W. B. Runk. 2,379,886; July 10.
Fish line assembly connector. S. L. Hardin. 2,390,584; Dec. 11.
Fish lure. O. A. Fiskaali. 2,383,246; Aug. 21.
Fish lure. W. D. Fugler. 2,374,279; Apr. 24.
Fish lure. W. M. Gambill. 2,386,105; Oct. 2.
Fish lure. M. J. Haberhorn. 2,381,279; Aug. 7.
Fish lure. L. H. Pecher. 2,380,328; July 10.
Fish lure. D. Rosegard. 2,373,417; Apr 10.
Fish lure. C. T. Spear. 2,381,231; Aug. 7.
Fish lure. V. Van Buren. 2,378,370; June 12.
Fish lure. R. B. Worden. 2,389,883; Nov. 27.
Fish pick. M. Niemi. 2,391,185; Dec. 18.
Fish water, Treatment of. R. C. Ernst. 2,371,812; Mar. 20.
Fishing apparatus. H. B. Crowell. 2,370,013; Feb. 20.
Fishing bait, Artificial. R. J. Baldesberger. 2,381,099; Aug. 7.
Fishing line reel. D. Dileo. 2,389,602; Nov. 27.
Fishing line reel brake. D. Dileo. 2,390,356; Dec. 4.
Fishing lure. V. R. Evans. 2,389,423; Nov. 20.
Fishing lure. J. P. Godlewski. 2,387,255; Oct. 23.
Fishing reel. J. T. King. 2,388,979; Nov. 13.
Fishing reel. J. T. King. 2,389,515; Nov. 20.
Fishing reel. R. P. McMahon. 2,366,920; Jan. 9.
Fishing reel. N. A. Nelson. 2,380,670–1; July 31.
Fishing reel construction. F. H. Boor. 2,380,213; July 10.
Fitting, Cargo tie-down. R. Blagden. 2,386,836; Oct. 16.
Fitting, Compression. C. A. Norgren. 2,381,554; Aug. 7.
Fitting for hand luggage, Detachable wardrobe. P. E. Nicholas. 2,384,332; Sept. 4.
Fitting for machining pipe and the like, Lathe. K. W. Conse. 2,370,718; Mar. 13.
Fitting for plumbing systems. F. A. Warren. 2,379,669; July 3.
Fitting for use with oil well tubing or the like. D. P. Oak. 2,366,547; Jan. 2.
Fitting, Insulating cover. O. A. Abrams and O. Schubert. 2,390,632; Dec. 11.
Fitting, Tank. M. M. Cunningham. 2,366,442; Jan. 2.
Fitting-up tool. G. C. Erwin and T. B. Lawrence. 2,379,136; June 26.
5-aminahexahydropyrimidines and preparing same. M. Senkus. 2,387,043; Oct. 16.
5-Nitronexahydropyrimidines and preparation thereof. M. Senkus. 2,391,847; Dec. 25.
5-substituted-5-(2-thienyl) hydantoins. J. J. Spurlock. 2,366,221; Jan. 2.
Fixation, Ground. T. K. Miles. 2,378,235; June 12.
Fixed loop antenna mounting. F. E. Johnston. 2,375,418; May 8.
Fixture: *See*—
Cam fixture.
Surgical fixture.
Fixture. L. H. Gaudreau. 2,385,354; Sept. 25.
Fixture. B. Y. James. 2,368,838; Feb. 6.
Fixture, Article assembling. C. C. McCain. 2,387,083; Oct. 16.
Fixture, Clamping. E. F. Hohwart. 2,370,351; Feb. 27.
Fixture, Clamping. N. M. Marsillus. 2,380,661; July 31.
Fixture, Clamping. C. L. Ott. 2,384,391; Sept. 4.
Fixture, Curtain rod or drapery. A. A. Allen. 2,383,104; Aug. 21.
Fixture, Die. H. G. Groehn. 2,371,047; Mar. 6.
Fixture, Fluorescent. E. F. Guth. 2,369,228; Feb. 13.
Fixture for grinding thread-cutting tools. H. C. Wilson. 2,385,902; Oct. 2.
Fixture, Gluing. C. F. Kramer and W. G. Nelson. 2,391,426; Dec. 25.
Fixture, Grinding. C. H. Klein. 2,391,317; Dec. 18.
Fixture holder. S. A. Baker. 2,378,121; June 12.
Fixture, Layout. C. H. Miller. 2,380,664; July 31.
Fixture, Lens spacing. C. E. Bahn. 2,381,096; Aug. 7.
Fixture, Lighting. E. F. Guth. 2,379,798; July 3.
Fixture, Lighting. R. G. Maurette. 2,383,007; Aug. 21.
Fixture, Lighting. E. C. Zimmerman. 2,372,874; Apr. 3.
Fixture, Locating. C. D. Hargadon. 2,374,286; Apr. 24.
Fixture, Mating. W. F. Ploch and G. E. Scarlett. 2,391,510; Dec. 25.
Fixture, Milling. G. D. Shaeffer. 2,386,146; Oct. 2.
Fixture, Plating. J. T. Saas. 2,372,296–7; Mar. 27.
Fixture, Plating. J. W. Wanner. 2,367,909; Jan. 23.
Fixture, Portable electric lighting. D. J. Biller. 2,382,538; Aug. 14.
Fixture, Shoeshine. J. G. Nevin. 2,383,150; Aug. 21.
Fixture, Shower. C. R. Morris. 2,380,665; July 31.
Fixture, Surgical. W. L. Mermis. 2,386,134; Oct. 2.
Fixture, Wall. J. Gerity, Jr., and W. A. Claus. 2,366,447; Jan. 2.
Fixture, Washing machine. J. F. Sheerin. 2,370,498; Feb. 27.
Fixture, Work. E. A. Bigarani and F. E. Renick. 2,369,645; Feb. 20.
Flag mounting. L. Schillinger. 2,368,783; Feb. 6.
Flagpole and flag manipulating means. R. Ellis. 2,377,219; May 29.
Flake for decorative and protective coatings. W. W. Castor. 2,387,243; Oct. 23.
Flame arrester. J. D. Meikle. 2,379,735; July 3.
Flame cultivation of plants. P. C. McLemore. 2,369,154; Feb. 13.
Flame hardening. S. Smith. 2,367,969; Jan. 23.
Flame hardening apparatus. E. G. Le Tourneau. 2,375,119; May 1.
Flame hardening apparatus. W. E. Smith. 2,372,298; Mar. 27.
Flame hardening head. H. E. Spieth. 2,367,898; Jan. 23.
Flame quencher, Gas engine exhaust. R. P. Arms. 2,382,386; Aug. 14.
Flange and fairing assembly, Wheel rim. C. Hollerith. 2,380,649; July 31.
Flange facing tool. P. B. Wallace. 2,383,753; Aug. 28.
Flange, Outlet collar. R. Haynes. 2,374,993; May 1.
Flange, Pipe. W. H. Adams, Jr. 2,374,574; Apr. 24.
Flanged bearing. G. H. Kendall. 2,368,549; Jan. 30.
Flap and auxiliary wheel control, Wing. E. L. Noonan and W. Tydon. Re. 22,674; Sept. 18.
Flare, Antiaircraft. M. J. E. Golay. 2,381,443; Aug. 7.
Flare, Marine. F. L. Ogle. 2,385,376; Sept. 25.
Flare or fusee. S. Jackson, Jr. 2,389,782; Nov. 27.
Flare or lantern. W. Trautner. 2,370,824; Mar. 6.
Flash arrester. R. C. Pierson. 2,391,592; Dec. 25.
Flasher. H. R. Gross. 2,377,775; June 5.
Flasher. H. R. Gross. 2,378,405; June 19.
Flasher switch. K. L. Berninger. 2,388,033; Oct. 30.
Flasher system. W. R. Spaulding. 2,369,376; Feb. 13.
Flashlamp supporting and ejecting means. O. Steiner. 2,371,479; Mar. 13.
Flashlight. O. B. Fetterman. 2,373,553; Apr. 10.
Flashlight. J. A. Gits. 2,373,306; Apr. 10.
Flashlight. W. R. Morey. 2,386,255; Oct 9.
Flashlight. C. S. Packer and Le R. O. Brown. 2,385,639; Sept. 25.
Flashlight. G. F. Prideaux. 2,367,888; Jan. 23.
Flashlight. O. T. Wood. 2,375,511; May 8.
Flashlight, Black-out. L. A. Pope. 2,371,775; Mar. 20.
Flashlight, Elbow head. J. G. Lippincott. 2,366,202; Jan. 2.
Flashlight, Electric. W. H. Gey. 2,387,144; Oct. 16.
Flashlight, Pen. C. S. Packer and M. R. Olsen. 2,385,640; Sept. 25.
Flashlight, Portable. J. Frank and A. P. Marr. 2,387,753; Oct. 30.
Flashlight, Portable. B. F. Muldoon. 2,381,510; Aug. 7.
Flashlight structure, Small. P. and M. Wimpfheimer. 2,370,601; Feb. 27.
Flask and weight means therefor. E. H. Whittaker. 2,366,581; Jan. 2.
Flask, Dental. Le R. B. House. 2,378,633; June 19.
Flask filling apparatus. M. G. Clay. 2,368,116; Jan. 30.
Flask operating head. C. F. Smith. 2,372,454; Mar. 27.
Flask, Whirlpool. P. Schlumbohm. 2,387,092; Oct. 16.
Flat conductor connection. W. F. Bonwitt. 2,376,861; May 29.
Flatiron. J. R. Campbell. 2,385,606; Sept. 25.
Flatiron, Induction. L. F. Black. 2,374,662; May 1.
Flatting agent, Noncaking. E. K. Fischer. 2,370,648; Mar. 6.
Flavor, Powdered. K. M. Gaver. 2,389,770; Nov. 27.
Flavoring materials, Preparation of. A. G. Olsen and E. Seltzer. 2,369,847; Feb. 20.
Flaw detector means. L. J. De Lanty and W. A. Williams. 2,368,119; Jan. 30.
Flaws in sheet material, Detecting structural. C. Stevens. 2,381,990; Aug. 14.
Flax and other bast fibers, Decorating of. J. Thomson. 2,385,427; Sept. 25.
Flexible adapter. L. B. Boyd. 2,381,102; Aug. 7.
Flexible collapsible fluid bladder. A. N. Spanel. 2,387,539; Oct. 23.
Flexible connection. D. Ingalls. 2,386,862; Oct. 16.
Flexible coupling. R. M. Dilworth. 2,383,850; Aug. 28.
Flexible coupling. G. R. Harrington. 2,380,646; July 31.
Flexible coupling. A. Kuhns. 2,380,113; July 10.
Flexible coupling. D. R. Ligh. 2,378,564; June 19.
Flexible coupling. H. F. Oliver. 2,387,705; Oct. 23.
Flexible coupling. W. H. Opitz. 2,380,672; July 31.
Flexible exhaust line joint. L. B. Allen and W. C. Heath. 2,381,426; Aug. 7.
Flexible hose coupling. W. A. Melsom. 2,374,224–6; Apr. 24.
Flexible hose coupling. W. A. Melsom. 2,384,635; Sept. 11.
Flexible joint. C. E. Fisher. 2,376,995; May 29.
Flexible mounting device. H. A. Storch. 2,389,562; Nov. 20.
Flexible needle sewing machine. M. S. Malek. 2,379,733; July 3.
Flexible pipe coupling. F. M. Allen and C. B. Taylor. 2,382,375; Aug. 14.
Flexible pocket receptacle. W. R. Buxton. 2,379,672; July 3.
Flexible polymeric product and making same. C. O. Guss and R. W. Amidon. 2,388,685; Nov. 13.

Flexible screen support. J. P. Burls. 2,378,463; June 19.
Flexible shafting. G. G. Eisenbeis. 2,388,129; Oct. 30.
Flexible shafting assembly. G. G. Eisenbeis. 2,368,457; Jan. 30.
Flexible shank tool. J. M. Bovee. 2,372,930; Apr. 3.
Flexible stay bolt. L. W. Smith. 2,383,222; Aug. 21.
Flexible wheel. E. M. Nelson. 2,378,154; June 12.
Flight. C. F. Ball. 2,372,925; Apr. 3.
Flight and link connector. J. D. Russell. 2,381,519; Aug. 7.
Flight conveyer, Resilient. H. W. Hapman. 2,391,700; Dec. 25.
Flight indicator and control system therefor, Aircraft. F. L. Moseley. Re. 22,704; Dec. 25.
Flight indicator for aircraft. L. F. Carter. 2,367,667; Jan. 23.
Flint alloy. H. Kent. 2,389,198; Nov. 20.
Float actuated mechanism. G. F. Brockett. 2,376,473; May 22.
Float control. O. Thiel. 2,381,626; Aug. 7.
Float controlled meter. W. F. Schultz. 2,366,808; Jan. 9.
Float, Fishing. S. R. Blackstone. 2,379,876; July 3.
Float, Fishing. G. T. Chapman. 2,376,958; May 29.
Float for aircraft, Pneumatic. J. F. Cooper, B. J. Schnitzer, and M. L. Flickinger. 2,375,973; May 15.
Float, Hydrometer. L. Edelmann. 2,367,268; Jan. 16.
Float operated mechanism. J. H. Crumble. 2,384,536; Sept. 11.
Float valve. W. M. Martin. 2,375,806; May 15.
Floating chair type seat. A. F. Hickman. 2,366,730; Jan. 9.
Floating signal light. M. P. Pfeil. 2,366,929; Jan. 9.
Floating structure for salvaging sunken vessels and other uses. F. G. Creed. 2,375,286; May 8.
Floodlight bracket. J. W. Maier. 2,371,903; Mar. 20.
Floor clip. J. A. MacLean, Jr. 2,383,808; Aug. 28.
Floor construction, Concrete. J. V. Kohlhaas. 2,377,944; June 12.
Floor coverings. M. E. Cupery. 2,382,297; Aug. 14.
Floor furnace. J. S. Johnson. Re. 22,624; Mar. 27.
Floor furnace. A. D. Olds. 2,387,939; Oct. 30.
Floor, Ice rink. F. W. Knowles. 2,371,396; Mar. 13.
Floor leveler for elevators, Electronic. W. Muller. 2,375,435; May 8.
Floor polishing device. W. A. Boettcher. 2,382,969; Aug. 21.
Floor sanding machine. F. Harris. 2,375,102; May 1.
Floor structure. W. Y. Cocken, Jr. 2,377,211; May 29.
Floor unit for refrigerators. C. H. Walbert. 2,387,310; Oct. 23.
Flooring. C. T. Siebs. 2,367,146; Jan. 9.
Flooring, Sparkproof. W. W. Donelson and J. Downey. 2,378,623; June 19.
Flooring, Tile. N. Marino. 2,371,058; Mar. 6.
Floral design. G. B. Zols. 2,366,377; Jan. 2.
Flotation process. E. H. Hoag. 2,367,122; Jan. 9.
Flotation process. E. H. Hoag. 2,378,552; June 19.
Flotation process. N. Welner. 2,382,360; Aug. 14.
Flotation reagent. E. H. Hoag. 2,371,292; Mar. 13.
Flour process, Natural high vitamin. J. S. Andrews and R. C. Sherwood. 2,377,741; June 5.
Flow apparatus for testing pulp freeness, Continuous. C. O. Sisler. 2,379,835; July 3.
Flow control apparatus. C. E. Burt. 2,380,022; July 10.
Flow control apparatus. M. Gottlieb. 2,380,836; July 31.
Flow control for pressing machines. F. C. Lornitzo. 2,381,918; Aug. 14.
Flow, Control valve. C. A. Brown. 2,389,134; Nov. 20.
Flow control valve. W. A. Patton. 2,384,394; Sept. 4.
Flow controlling valve. W. C. Dolch. 2,367,106; Jan. 9.
Flow indicator. L. L. Dollinger. 2,389,603; Nov. 27.
Flow intermitter. A. Boynton. 2,370,140; Feb. 27.
Flowmeter. H. J. Bowle. 2,380,399; July 31.
Flowmeter. N. Brewer. 2,377,861; June 12.
Flowmeter. C. E. Cox. 2,389,957; Nov. 27.
Flowmeter. M. P. McCarty. 2,372,166; Mar. 20
Flowmeter. S. M. Udale. 2,367,544; Jan. 16.
Flow or level controller, Liquid. C. J. Romberg. 2,376,623; May 22.
Flow regulating system. D. Gregg. 2,391,306; Dec. 18.
Flow regulating system. D. M. Lawrence and S. K. Lehman. 2,390,487; Dec. 4.
Flow responsive switch. N. Brewer. 2,388,671; Nov. 13.
Flower holder. A. J. Spokus. 2,387,474; Oct. 23.
Flowerpot or container, Humidified. M. A. Moriarty. 2,387,340; Oct. 23.
Flue insert for regenerative furnaces and the like. J. J. Seaver. 2,389,166; Nov. 20.
Fluent fuel burner. A. J. Poole. 2,380,463; July 31.
Fluid actuated brake. C. L. Eksergian. 2,372,415; May 27.
Fluid actuated control system. D. MacKenzie. 2,379,536; July 3.
Fluid actuated device. F. Martindell. 2,373,042; Apr. 3.
Fluid agency washer with exterior. W. Rocke. 2,377,454; June 5.
Fluid blast circuit breaker. C. H. Flurschcim. 2,367,934; Jan. 23.
Fluid brake. L. C. Potter. 2,388,704; Nov. 13.
Fluid cleaner. V. R. Abrams. 2,369,649; Feb. 20.
Fluid clutch. A. Y. Dodge. 2,371,227; Mar. 13.
Fluid clutch. W. R. McKay. 2,380,660; July 31.
Fluid clutch. C. A. Sawtelle. 2,386,912; Oct. 16.
Fluid compositions, Process and apparatus for treating. R. N. Wallach and J. Zender. 2,386,826; Oct. 16.
Fluid, Compressing. S. E. Jessup. 2,391,163; Dec. 18.
Fluid conduit. V. R. Abrams. 2,390,501; Dec. 11.
Fluid connections between relatively rotary parts, Pressure. F. B. Levetus and J. W. Wilson. 2,371,528; Mar. 13.
Fluid contact, Method and apparatus for. C. Tietig. 2,383,946; Sept. 4.
Fluid control. G. F. Fenno. 2,372,417; Mar. 27.
Fluid control coupling. H. C. Freed. 2,369,823; Feb. 20.
Fluid control flow. R. W. Olsen. 2,388,073; Oct. 30.
Fluid control valve. M. T. Knutsen. 2,381,501; Aug. 7.
Fluid control valve. C. J. Kopp. 2,380,974; Aug. 7.
Fluid control valve. W. A. Ray. 2,367,524; Jan. 16.
Fluid control valve. W. A. Ray. 2,374,895; May 1.
Fluid control valve. W. A. Ray. 2,388,868; Nov. 13.
Fluid control valve. C. Shendrick. 2,388,309; Nov. 6.
Fluid coupling. D. J. Conant. 2,389,841; Nov. 27.
Fluid coupling. R. J. Miller. 2,367,364; Jan. 16.
Fluid coupling. R. J. Miller. 2,368,996; Feb. 6.
Fluid coupling. A. D. Pentz. 2,368,725; Feb. 6.
Fluid coupling. H. C. Swift. 2,372,748; Apr. 3.
Fluid coupling. J. F. Swift. 2,381,187; Aug. 7.
Fluid coupling. W. S. Wolfram. 2,380,68.; July 31.
Fluid coupling. R. C. Zeidler. 2,378,353; June 12.
Fluid coupling. R. C. Zeidler. 2,386,285; Oct. 9.
Fluid dispenser. J. E. Parkhurst. 2,368,944; Feb. 6.
Fluid dispensing apparatus. E. E. Eickmeyer, A. G. Horvath, and A. F. Zumbrink. 2,375,903; May 15.
Fluid dispensing device, Sanitary. D. Berman. 2,388,111; Oct. 30.
Fluid, Drilling. G. R. Gray. 2,368,560; Feb. 13.
Fluid drive. G. R. Ericson. 2,385,263; Sept. 18.
Fluid drive and automatic selective speed power transmission mechanism, Combined. H. J. Murray. 2,368,865; Feb. 6.
Fluid drive for compressors. E. E. Hewitt. 2,372,326; Mar. 27.
Fluid drive transmission, Multiple stage. R. E. Keller. 2,388,062; Oct. 30.
Fluid engine. A. H. Neuland. 2,371,974; Mar. 20.
Fluid feeding and distributing apparatus. H. R. Lownsbery. 2,391,174; Dec. 18.
Fluid filter. S. K. Lehman. 2,383,065; Aug. 21.
Fluid flow control means. F. D. Prager. 2,370,751; Mar. 6.
Fluid flow, Controlling. P. Lobdell. 2,379,240; June 26.
Fluid flow meter. H. A. Williams. 2,385,901; Oct. 2.
Fluid for fluid pressure systems. C. E. Allderdice, Jr. 2,382,527; Aug. 14.
Fluid fuel burner. H. F. Morrell. 2,368,373; Jan. 30.
Fluid fuel supply for multiple burners operation, System of. A. F. Schumann and A. J. Turpin. 2,368,164; Jan. 30.
Fluid handling coupling. D. M. Phillips. 2,383,679; Aug. 28.
Fluid heater. P. K. Turner. 2,369,993; Feb. 20.
Fluid heating and discharging device. R. Meiklejohn, Jr. 2,373,588; Apr. 10.
Fluid hydrocarbons are contacted and mixed with acidic fluid in a confined zone, Process wherein. L. C. Huff. 2,381,168; Aug. 7.
Fluid influx indicator. M. M. Kinley. 2,377,501; June 5.
Fluid lift pump. A. K. Wade, Jr. 2,373,985; Apr. 17.
Fluid manometer system, Null-type. J. R. Hicks. 2,380,177; July 10.
Fluid measuring and regulating mechanism. T. A. Baker. 2,375,204; May 8.
Fluid media, Purification of. J. T. Thurston. 2,372,233; Mar. 27.
Fluid meter. W. M. Ahlstrom, R. J. Tischler, and F. H. Parsons. 2,367,176; Jan. 16.
Fluid meter. R. H. Barge. 2,389,125; Nov. 20.
Fluid meter. E. E. Bidwell. 2,388,248; Nov. 6.
Fluid meter. G. S. Binckley. 2,377,605; June 5.
Fluid meter J. C. Stevens. 2,376,459; May 22.
Fluid, Method and apparatus for treating drilling. J. J. Shanley. 2,370,817; Mar. 6.
Fluid motor. J. G. Hawley. 2,373,680; Apr. 17.
Fluid motor. M. H. Loughridge. 2,378,489; June 19.
Fluid motor. P. White. 2,382,526; Aug. 14.
Fluid operated switch. D. Nerbo. 2,371,909; Mar. 20.
Fluid power device. E. P. Gonser. 2,376,536; May 22.
Fluid power mechanism. B. D. Morgan. 2,377,170; May 29.
Fluid power motor. J. Sturrock. 2,373,669; Apr. 17.
Fluid power transmission mechanism. B. A. Swanson. 2,379,938; July 10.
Fluid pressure actuated device. R. R. Gunderson. 2,374,011; Apr. 17.
Fluid pressure actuating system. W. F. Boldt. 2,366,696; Jan. 9.
Fluid pressure actuating system. W. F. Boldt. 2,367,194; Jan. 16.
Fluid pressure brake. B. H. Browall. 2,371,798; Mar. 20.
Fluid pressure brake. R. M. Oliver. 2,367,604; Jan. 16.
Fluid pressure brake. R. T. Whitney. 2,389,100; Nov. 13.
Fluid pressure compounding system. S. Schnell. 2,373,506. Apr. 10.

Fluid pressure control mechanism. W. A. Eaton. 2,369,547; Feb. 13.
Fluid pressure control mechanism. W. A. Eaton. 2,371,810; Mar. 20.
Fluid pressure control unit for laundry machines and the like. J. A. Hicks. 2,382,224; Aug. 14.
Fluid pressure control valve. G. R. C. Martinsson. 2,391,790; Dec. 25.
Fluid pressure device. W. A. Eaton. 2,367,852; Jan. 23.
Fluid pressure device. E. R. Fitch. 2,371,815; Mar. 20.
Fluid pressure device. C. M. Kendrick. 2,368,223; Jan. 30.
Fluid pressure device. C. M. Kendrick. 2,387,761; Oct. 30.
Fluid pressure electrical switch. J. M. Nye. 2,391,068; Dec. 18.
Fluid-pressure engine. F. E. Swain. 2,387,540; Oct. 23.
Fluid pressure machine. W. F. Brown. 2,370,934; Mar. 6.
Fluid pressure mechanism. W. A. Eaton. 2,376,588; May 22.
Fluid pressure mechanism. W. A. Eaton. 2,386,038-9; Oct. 2.
Fluid pressure mechanism. E. Fowler. 2,386,046; Oct. 2.
Fluid pressure motor. R. J. Bush. 2,376,475; May 22.
Fluid pressure motor. W. H. Glass. 2,379,291; June 26.
Fluid pressure motor. A. L. Grisé. 2,389,621; Nov. 27.
Fluid pressure motor. H. S. Hermanson. 2,372,273; Mar. 27.
Fluid pressure motor. W. E. O'Shei. 2,378,320; June 12.
Fluid-pressure operated apparatus. E. Matulionis. 2,384,760; Sept. 11.
Fluid-pressure-operated means for controlling apparatus at a distance. E. Dodson. 2,379,692; July 3
Fluid pressure operated valve. E. E. Hedene. 2,381,447; Aug. 7.
Fluid pressure producing device. R. R. Gunderson. 2,374,010; Apr. 17.
Fluid pressure pump. W. N. Eddins and C. C. Thurman. 2,391,556; Dec. 25.
Fluid pressure regulator. A. Boynton. 2,371,218; Mar. 13.
Fluid pressure signal. E. H. Hammond and E. H. Granel. 2,373,755; Apr. 17.
Fluid pressure system, Ratio changing. S. Schnell. 2,381,004; Aug. 7.
Fluid proportioning apparatus. P. L. Hiltz. 2,376,917; May 29.
Fluid pulsator. J. R. Kerry. 2,374,437; Apr. 24.
Fluid pump. J. F. Hoffer. 2,383,059-60; Aug. 21.
Fluid pump. C. H. Nystrom. 2,380,607; July 31.
Fluid pump. F. Wheatley, Sr. 2,367,452; Jan. 16.
Fluid pump control. R. J. Bush. 2,381,203; Aug. 7.
Fluid pump or motor. G. A. Wahlmark. 2,373,723; Apr. 17.
Fluid release device. W. H. Freygang. 2,383,961; Sept. 4.
Fluid seal. E. Hermansen. 2,391,159; Dec. 18.
Fluid seal. T. O. Kosatka. 2,367,403; Jan. 16.
Fluid seal. F. E. Payne. 2,378,095; June 12.
Fluid system control. A. H. Davis, Jr. 2,367,009; Jan. 9.
Fluid-tight packaging. H. F. Waters. 2,374,793; May 1.
Fluid transmission. J. R. Heidloff. 2,376,431; May 22.
Fluid transmission. A. B. Sibert. 2,387,415; Oct. 23.
Fluid transmission mechanism. D. F. McGill. 2,369,835; Feb. 20.
Fluid treating apparatus. G. Kuhn. 2,367,408; Jan. 16.
Fluid turbine, Elastic. E. E. Harris. 2,380,237; July 10.
Fluids, Apparatus for clarifying. H. H. Harms and A. S. Harlan. 2,366,908; Jan. 9.
Fluids for fluid pressure systems. C. E. Allderdice, Jr. 2,379,855; July 10.
Fluids, Method of and apparatus for inspecting. S. H. Ellison. 2,368,350; Jan. 30.
Fluids, Mixing. C. G. Gerhold. 2,382,871; Aug. 14.
Fluids, Treating hydrocarbon. J. R. Schonberg 2,370,816; Mar. 6.
Fluids, Treatment of drilling. T. B. Wayne. 2,387,694; Oct. 23.
Fluosaluminate, Preparing stabilized synthetic. C. B. Wilcox. 2,382,327; Aug. 14.
Fluorenones, Making. E. C. Britton, C. L. Moyle, and F. Bryner. 2,377,751; June 5.
Fluorescent desk lamp. A. Holecek. 2,382,878; Aug. 14.
Fluorescent lamp. C. G. Smith. 2,386,277; Oct 9.
Fluorescent lamp circuits. R. W. Keiser. 2,382,012; Aug. 14.
Fluorescent lamp mounting. D. J. Biller. 2,380,211; July 10.
Fluorescent lighting. R. W. Keiser and C. P. Boucher. 2,382,638; Aug. 14.
Fluorescent lighting device, Electric. O. R. Besser. 2,373,219; Apr. 10.
Fluorescent maintenance apparatus. S. Leibow. 2,385,820; Oct. 2.
Fluorescent tube circuit. A. Siepian. 2,386,914; Oct. 16.
Fluorescent tube coating. F. Lemmers. 2,366,270; Jan. 2.
Fluoride solutions, Treatment of aqueous. R. A. King, J. C. Word, Jr., and J. J. Sims. 2,371,759; Mar. 20.
Fluorides, Producing. D. A. Swalheim. 2,372,032; Mar. 20.
Fluorinated compound and producing same. P. J. Gaylor. 2,370,787; Mar. 6.
Fluorine compounds, Recovering. O. C. Jones. 2,385,208; Sept. 18.
Fluorine compounds, Separating. A. F. Benning and J. D. Park. 2,384,449; Sept. 11.
Fluorine containing azo compounds. J. G. McNally and J. R. Byers, Jr. 2,391,179; Dec. 18.
Fluorine from water, Removal. R. J. Myers and D. S. Herr. 2,373,632. Apr. 10.
Flush valve. E. A. Fredrickson. 2,369,104; Feb. 6.
Flushing apparatus. W. J. Dunn. 2,388,836; Nov. 13.
Flushing means and centrifugal pumps. J. C. White. 2,372,538; Mar. 27.
Flux and bonding composition containing same, Vitrifiable. J. J. Knox. 2,385,580; Sept. 25.
Flux measurement. T. A. Rich. 2,391,271; Dec. 18.
Flux retriever. S. J. Stanley and J. E. Welch, Sr. 2,390,560; Dec. 11.
Flux valve. M. C. Depp. 2,384,819; Sept. 18.
Flux valve. C. F. Fragola, M. C. Depp, and R. S. Curry, Jr. 2,389,146; Nov. 20.
Fluxes for use in the treatment of light metals. E. F. Emley. 2,372,563; Mar. 27.
Fluxes, Welding. C. J. Bushrod. 2,370,935; Mar. 6.
Fluxmeter, Regenerative. T. A. Rich. 2,367,614; Jan. 16.
Fly-cast fishing boat. A. Montalbano. 2,369,973; Feb. 20.
Fly cutter. R. O. Julian. 2,375,926; May 15.
Flying machine. W. K. M. Bartsch. 2,372,926; Apr. 3.
Flywheel, Automatic centrifugal hydraulic. A. M. Alexandrescu. 2,368,437; Jan. 30.
Foam baths, Producing. L. Lowenstein. 2,382,732; Aug. 14.
Foam, Breaking. L. E. Gates. 2,366,513; Jan. 2.
Foam control for air cleaners, Automatic. F. P. Bingman. 2,379,338; June 26.
Foam control for air cleaners, Automatic. G. C. Zilliotto. 2,379,396; June 26.
Foam-generating substances. D. J. Tresise and A. F. Ratzer. 2,368,623; Feb. 6.
Foam, Method and apparatus for producing latex. J. F. Schott, E. A. Luxenberger, and G. W. Blair. 2,376,281; May 15.
Foam prevention in vapor phase extraction processes. T. W. Evans and R. C. Morris. 2,373,951; Apr. 17.
Foam-producing method and apparatus. W. J. Clifford. 2,376,122; May 15.
Foam, Rigid. O. R. Douthett. 2,384,611; Sept. 11.
Foaming during removal of olefin monomers, Preventing. J. C. Zimmer. 2,379,268; June 26.
Focusing attachment for cameras. C. B. Schmidt. 2,381,228; Aug. 7.
Focusing means for cameras. V. E. Pratt. 2,383,161; Aug. 21.
Fog producing device. H. W. Causer. 2,391,616; Dec. 25.
Foil closure, Coated. A. G. Osborne and T. M. Hill. 2,373,847; Apr. 17.
Foil mechanism, Carry. J. A. V. Turck. 2,381,788; Aug. 7.
Foldable box J. H. Scherer. 2,373,977; Apr. 17.
Foldable cardboard box. R. F. Smart. 2,388,190; Oct. 30.
Foldable cribbage board. G. H. Miller. 2,384,040; Sept. 4.
Foldable stretcher handle. E. L. Schofield and W. T. Jacoba. 2,371,711; Mar. 20.
Folder, bottle. J. Y. Samuels. 2,376,194; May 15.
Folder, Filing. A. Efron. 2,385,337; Sept. 25
Folding bicycle frame. F. W. Schwinn. 2,372,024; Mar. 20.
Folding box. D. Levkoff. 2,379,726; July 3.
Folding box. N. Stone. 2,379,665; July 3.
Folding chair. R. W. Dick. 2,382,300; Aug. 14.
Folding chair. H. C. Gray. 2,385,072; Sept. 18.
Folding clothes rack. J. S. Harding. 2,382,310; Aug. 14.
Folding clothes rack. E. T. John. 2,388,637; Nov. 6.
Folding, cutting, and packaging assembly, Stamp hinge. C. W. Barnard. 2,379,859; July 10.
Folding door. F. S. Corso. 2,374,925; May 1.
Folding door. F. A. Schilling, Jr. 2,383,744; Aug. 28.
Folding chair. M. T. Sturgeon. 2,368,498; Jan. 30.
Folding container. L. A. Casnati. 2,368,803; Feb. 6.
Folding gate screen. A. Kaufman and H. Korman. 2,375,996; May 15.
Folding high chair. H. Howe. 2,383,127; Aug. 21.
Folding iron. E. J. Fitzgerald. 2,388,133; Oct. 30.
Folding machine. S. Azzara. 2,378,277; June 12.
Folding mechanism. C. S. Stephano and R. R. Brightwell. 2,375,144; May 1.
Folding stand. B. Stechbart. 2,388,192; Oct. 30.
Folding support. S. T. Howard. 2,380,441; July 31.
Folding table. G. R. Bicknell and F. A. Heidenfelder. 2,367,261; Jan. 16.
Folding table. S. Duke. 2,374,670; May 1.
Folding table. W. J. Pendry. 2,389,930; Nov. 27.
Folding target holder. C. Norberg. 2,372,111; Mar. 20.
Folding the ends of collapsible tubes. M. Hallead and P. R. Feehheimer. 2,389,506; Nov. 20.
Folding top operating mechanism. F. J. Westrope. 2,376,949; May 29.
Folding wheel chair. S. Duke. 2,379,566; July 3.
Follower for file drawers. F. C. Drebes. 2,367,549; Jan. 23.
Follower mechanism. J. C. Garand. 2,366,684; Jan. 2.

Follow-up device, more particularly for machine tools. H. Ziebols. 2,380,357; July 10.
Follow-up mechanism. N. L. Haight. 2,390,787; Dec. 11.
Food carrying equipment, Nested. H. M. Badger and O. M. Anderson. 2,371,578; Mar. 13.
Food composition. C. W. Lindow and J. J. Thompson. 2,382,242; Aug. 14.
Food composition. S. Musher. 2,391,474; Dec. 25.
Food composition, Dry molasses. S. Musher. 2,377,360; June 5.
Food concentrate and preparation, Soybean. A. A. Kaehler. 2,379,441; July 3.
Food, Freezing. F. W. Knowles. 2,385,140; Sept. 18.
Food handling apparatus. C. O. Marshall. 2,380,364; July 10.
Food handling apparatus. G. R. Wood. 2,387,209; Oct. 16.
Food handling apparatus. G. R. Wood. 2,388,588; Nov. 6.
Food mixer. S. N. Setterlund. 2,390,742; Dec. 11.
Food mixer. H. M. A. Strauss and W. D. Harbaugh. 2,368,897; Feb. 6.
Food, Preparing. E. Reich. 2,378,950; June 26.
Food preservation method. F. K. Baerwald. 2,370,768; Mar. 6.
Food-processing mechanism. E. O. Mehline and W. Calvert. 2,385,828; Oct. 2.
Food product. R. J. Block and A. P. Hellwig. 2,374,407; Apr. 24.
Food product. E. Van Dellen and R. N. Ball. 2,382,682; Aug. 14.
Food product from lemon juice, Making a. H. T. Leo, C. C. Taylor, and J. W. Lindsey. 2,367,789; Jan. 23.
Food product, Making a. F. H. Barker. 2,373,805; Apr. 17.
Food product, Pectous. H. T. Leo, C. C. Taylor, and J. W. Lindsey. 2,369,059; Feb. 6.
Food products, Manufacture of preserved. D. D. Peebles. 2,368,945; Feb. 6.
Food storage equipment. M. N. Robertson. 2,380,121; July 10.
Food storage receptacle. A. F. Wild. 2,378,816; June 19.
Foods, Method and apparatus for freezing. J. L. Gilson. 2,372,373; Mar. 27.
Foods, Preservation of liquid. R. Lee. 2,374,219; Apr. 24.
Foods, Processing. J. C. Donnelly. 2,382,780; Aug. 14.
Foodstuffs, Preserving perishable. H. M. J. T. de Folx. 2,376,583; May 22.
Foot adjustment for cabinets. T. I. Ress. 2,375,872; May 15.
Footboard, Bed. M. S. Meem. 2,379,369; June 26.
Foot corrective appliance. M. L. Becker. 2,383,583; Aug. 28.
Foot corrective attachment for shoes. E. F. Thomas. 2,381,846; Aug. 7.
Foot cover. W. E. Crofut, Jr. 2,389,414; Nov. 20.
Foot covering. A. Yandell. 2,376,399–400; May 22.
Foot-exercising device. C. C. Moshier. 2,376,000; May 15.
Foot for sewing machines, Pressure. N. L. Eudy. 2,372,263; Mar. 27.
Foot massage device. T. A. Dolan. 2,369,544; Feb. 13.
Foot pedal. J. D. Langdon and J. J. Delany. 2,369,056; Feb. 6.
Foot rest. L. C. Martz. 2,380,118; July 10.
Footwear. H. Blotner. 2,367,092; Jan. 9.
Footwear. H. W. Cohen. 2,379,681; July 3.
Footwear. G. W. Geissmann. 2,377,141; May 29.
Footwear. B. Glagovsky. 2,370,789; Mar. 6.
Footwear. S. Ludwig. 2,391,720; Dec. 25.
Footwear. R. Maling. 2,391,023; Dec. 18.
Footwear. S. Pipitone. 2,370,109; Feb. 20.
Footwear. J. Roman. 2,369,254; Feb. 13.
Footwear. C. O. Walper. 2,380,349; July 10.
Footwear. E. B. Ward. 2,370,275; Feb. 27.
Footwear and its manufacture. D. D. Goldstein. 2,382,559; Aug. 14.
Footwear and making same. R. Maling. 2,386,809; Oct. 16.
Footwear, Manufacture of. E. L. Crandell. 2,371,571; Mar. 13.
Footwear, Manufacture of. R. H. Fealer. 2,379,480; July 3.
Footwear, Manufacture of. M. G. Stratton. 2,385,554; Sept. 25.
Footwear safety device. S. S. Roberts. Re. 22,614; Mar. 6.
Force gauge. R. C. Burt. 2,382,289; Aug. 14.
Force measuring apparatus. H. Ziebols. 2,383,757; Aug. 28.
Force measuring device. F. Krickler. 2,383,554; Aug. 28.
Forced draft heater. E. W. Logue. 2,382,800; Aug. 14.
Fore-and-aft draft indicator. F. L. Corbin. 2,382,691; Aug. 14.
Forging. P. E. Flowers. 2,382,045; Aug. 14.
Forging apparatus. C. A. Brauchler. 2,378,060. June 12.
Forging die. D. W. Sherman. 2,384,349; Sept. 4.
Forging, Method and apparatus for. E. R. Frost. 2,389,425; Nov. 20.
Forging, Method of and device for. P. E. Flowers. 2,371,041; Mar. 6.
Forging press. E. A. Skowron and W. H. Woodings. 2,382,339; Aug. 14.
Forgings, Making gun barrel. B. Bannister. 2,371,125; Mar. 13.
Fork, Fulcrumed. A. McGovern. 2,375,857; May 15.
Fork, Hay. J. S. Johnson. 2,387,996; Oct. 30.
Fork loom attachment, Center filling. W. B. Gallant, Jr. 2,377,223; May 29.
Fork stop motion, Center. E. C. Nichols. 2,378,240; June 12.
Form for concrete wall construction, Removable. J. T. Mitchell. 2,381,613; Aug. 7.
Formaldehyde polymers. J. F. Walker. 2,369,504; Feb. 13.
Formaldehyde polymers, Solubilization of. O. Peterson. 2,373,777; Apr. 17.
Formaldehyde, Production of. W. R. Derby. 2,376,668; May 22.
Formaldehyde, Production of. J. L. Hall. 2,384,028; Sept. 4.
Formation of isobutane, Catalytic. R. E. Burk. 2,385,344; Sept. 25.
Formation tester. J. T. Wood, Jr., and E. L. Davis. 2,375,972; May 15.
Form-folding machine. J. Fossa. 2,379,074; June 26.
Form for constructing steps. R. O. Zimmerman. 2,389,397; Nov. 20.
Forming a charge, Method and apparatus for. A. G. Bodine, Jr. 2,377,607; June 5.
Forming die. R. R. Harrison and L. H. Score. 2,371,138; Mar. 13.
Forming method. D. C. Kemerer. 2,385,083; Sept. 18.
Forming press. C. W. Goodwin and H. W. Martin. 2,371,581; Mar. 13.
Form-raising jack. A. P. Wierts. 2,369,195; Feb. 13.
Forming tool. W. T. King. 2,377,888; June 12.
Forms for windings. E. S. Jamison. 2,368,025; Jan. 23.
Foundation. L. W. Williams. 2,373,798; Apr. 17.
Foundation, Adjustable building. F. Gunnison. 2,380,692; July 31.
Foundation and constructing the same. J. H. Thornley. 2,373,276; Apr. 10.
Foundation and forming same. J. H. Thornley. 2,381,014; Aug. 7.
Foundation block structure. N. J. Guimont. 2,383,544; Aug. 28.
Foundation for electric fluid turbines and the like. J. L. Roberts. 2,376,188; May 15.
Foundation, Precast. B. J. Schwendt. 2,374,624; Apr. 24.
Foundation structure. T. R. Freeman. 2,378,995; June 26.
Foundry composition. A. E. Pavlish and C. R. Austin. 2,389,538–43; Nov. 20.
Fount for poultry and other domestic animals. C. L. Kubista. 2,387,664; Oct. 23.
Fountain and feeder, Poultry. W. A. Simmons. 2,378,251; June 12.
Fountain comb structure. W. D. Pyle. 2,370,258; Feb. 27.
Fountain dispenser. J. B. Edwards. 2,378,624; June 19.
Fountain, Drinking. A. A. Scheid. 2,366,427; Jan. 2.
Fountain pen. H. H. Schulman and M. Olswang. 2,369,080; Feb. 6.
Fountain, Poultry watering drip. C. Brodsky. 2,366,766; Jan. 9.
4-amino-1, 8-naphthlic acid imides, Long chain alkyl substituted. M. Scalera and A. W. Joyce. 2,385,106; Sept. 18.
4′ methoxy 5 halogeno diphenylamino 2′ carboxyl compound and producing the same. E. A. H. Friedheim and E. Bergmann. 2,389,147; Nov. 20.
4-Methyl-alpha-methyl styrene from bicyclic terpenes. J. K. Dixon. 2,387,836; Oct. 30.
4-methyl phenyl acetone, Making. W. Wenner. 2,382,686; Aug. 14.
Four-way valve. J. B. Whitted. 2,388,890; Nov. 13.
Fowl leg tendon extractor. F. W. Jenson. 2,382,320; Aug. 14.
Fowl-plucking apparatus or the like. H. C. Campbell and H. D. Thomas. 2,376,120; May 15.
Fractionating apparatus. W. A. McMillan. 2,374,549; Apr. 24.
Fractionating apparatus. J. W. Packie and L. S. Gibbs. 2,374,960; May 1.
Fractionating column. R. R. Bottoms and J. H. Bowden. 2,387,231; Oct. 23.
Fractionating plate construction. P. Lambert, R. H. Riemenschneider, and J. A. Gibb. 2,380,852; July 31.
Fractionation. E. F. Nelson. 2,388,931; Nov. 13.
Fractionation column. R. H. Riemenschneider. 2,376,940; May 29.
Fractionation control. J. B. Claffey. 2,386,778; Oct. 16.
Fracture apparatus. L. A. Straits. 2,387,192; Oct. 16.
Fracture appliance. B. F. Tollemire. 2,372,866; Apr. 3.
Fracture appliance, Extraoral. R. W. Taylor. 2,371,197; Mar. 13.
Fracture traction device. E. Chapman. 2,373,456; Apr. 10.

Frame: *See*—
Articulated frame.
Bicycle frame.
Card and picture frame.
Engine frame.
Eyeglass frame.
Filter frame.
Fire door frame.
Folding bicycle frame.
Glass supporting frame.
Heddle frame.
Photographic frame.
Photographic printing frame.
Roving frame.
Sign display frame.
Saw frame.
Spectacle frame.
Spinning frame.
Structural frame.
Truck frame.
Vehicle frame.
Winding frame.
Yarn winding frame.
Frame and the like, Parachute pack. C. N. Eoff. 2,374,274; Apr. 24.
Frame and weather stripping, Combined screen. H. W. Thomas. 2,378,163; June 12.
Frame assembly for tractors, Cable lift. W. C. Petersen and M. G. Kuch. 2,376,181; May 15.
Frame construction, Drop hammer. H. A. Weyer 2,386,155; Oct. 2.
Frame construction for receptacles. M. L. Lindy. 2,389,916; Nov. 27.
Frame for eyeglasses. P. M. Brown. 2,389,023; Nov. 13.
Frame for eyeglasses and the like. K. C. Vine. 2,373,862; Apr. 17.
Frame for furniture or the like. C. L. Dewey. 2,374,180; Apr. 24.
Frame for looms, Heddle. E. Streuli. 2,380,124; July 10.
Frame for mowers and other garden implements, Attachable power-driven supporting. C. C. Fulton. 2,374,533; Apr. 24.
Frame for supporting glass, Skeleton. L. V. Black. 2,379,213; June 26.
Frame structure for airfoils or the like, Main. M. Watter. 2,383,634; Aug. 28.
Frame truss, Wooden. W. Sahlberg. 2,390,180; Dec. 4.
Frameless window screen. D. J. Rust. 2,372,912; Apr. 3.
Frames for swab structures for use on smooth surfaced floorings and the like, Making mop. J. S. Brennan. 2,370,838; Mar. 6.
Framing instrument. C. O. Williams. 2,369,958; Feb. 6.
Free flexing separable fastener. L. H. Morin. 2,385,021; Sept. 18.
Free-piston internal-combustion engine. H. Steiner. 2,383,625; Aug. 28.
Freeing pipe jammed in a well. J. T. Hayward. 2,372,575; Mar. 27.
Freezer chamber and evaporator. L. A. M. Phelan. 2,381,617; Aug. 7.
Freight car. F. Ditchfield. 2,390,873; Dec. 11.
Freight handling apparatus on vehicles. M. P. Taylor. 2,387,542; Oct. 23.
Freight handling system, Air. G. Maxon, Jr. 2,379,094; June 26.
Frequency and phase comparison detection and control system. G. L. Usselman. 2,387,544; Oct. 23.
Frequency changer. H. M. Huge. 2,384,171; Sept. 4.
Frequency changing, Method and apparatus for. F. C. P. Henroteau. 2,367,277; Jan. 16.
Frequency communication system, Carrier. F. X. Rees and J. Y. Howard. 2,378,326; June 12.
Frequency control circuit. M. G. Crosby. 2,379,689; July 3.
Frequency control system, Automatic. M. G. Crosby. 2,377,326; June 5.
Frequency control system, Automatic. S. W. Seeley. 2,377,327; June 5.
Frequency converter. L. H. Paddle and B. Drake. 2,366,961; Jan. 9.
Frequency difference stabilization system, Fixed. R. Varian, W. W. Hansen, and E. L. Ginzton. Re. 22,587; Jan. 2.
Frequency discriminator. M. G. Crosby. 2,376,127; May 15.
Frequency discriminator circuit. H. R. Cantelo. 2,374,729; May 1.
Frequency divider. K. Schlesinger. 2,375,950; May 15.
Frequency measuring system. H. O. Peterson. 2,380,868; July 31.
Frequency modulated pulse signaling. W. van B. Roberts. 2,381,928; Aug. 14.
Frequency modulated wave discriminator. M. G. Crosby. 2,376,126; May 15.
Frequency modulated waves for radio transmission, Producing. E. Labin. 2,385,085; Sept. 18.
Frequency modulation. H. Tunick. 2,379,325; June 26.
Frequency modulation. H. Tunick. 2,379,614; July 3.
Frequency modulation. H. Tunick. 2,389,879; Nov. 27.
Frequency modulation detection. H. E. Thomas. 2,379,764; July 3.
Frequency modulation detection system. W. R. Ferris. 2,367,764; Jan. 23.
Frequency modulation detector. G. C. Szikiai. 2,373,616; Apr. 10.
Frequency modulation receiver. M. G. Crosby. 2,383,847; Aug. 28.
Frequency modulation receiver. C. W. Hansell. 2,373,562; Apr. 10.
Frequency modulation receiver. H. T. Lyman. 2,369,585; Feb. 13.
Frequency modulation receiver. C. Travis. 2,369,621; Feb. 13.
Frequency modulation receiver. M. Ziegler. 2,383,359; Aug. 21.
Frequency modulation receiver intensity indicator. P. F. G. Holst and L. R. Kirkwood. 2,388,544; Nov. 6.
Frequency modulation system. D. P. Cole. 2,390,777; Dec. 11.
Frequency modulation system. J. R. Shonnard. 2,366,363; Jan. 2.
Frequency modulation system. F. E. Terman. 2,372,231; Mar. 27.
Frequency modulation system. R. M. Wilmotte. 2,388,200; Oct. 30.
Frequency modulation system, Balanced. A. Badmaieff. 2,371,373; Mar. 13.
Frequency modulation waves, Generating. E. Labin. 2,372,210; Mar. 27.
Frequency modulator, Coupled circuit. E. J. O'Brien. 2,368,036; Jan. 23.
Frequency modulator receiver. C. W. Hansell. 2,374,746; May 1.
Frequency multiplier. T. B. Gibbs and E. Norman. 2,374,343; Apr. 24.
Frequency multiplier. W. A. Miller and E. R. Shenk. 2,390,608; Dec. 11.
Frequency multipliers. B. M. Charchian. 2,370,637; Mar. 6.
Frequency response control. C. D. Knight. 2,390,794; Dec. 11.
Frequency responsive indicating apparatus. A. M. Wengel. 2,384,716; Sept. 11.
Fresh fruit treating machine. C. H. Lister. 2,378,418; June 19.
Fresh water from salt water, Production of. H. R. Frisch. 2,373,884; Apr. 17.
Friction absorbing device. R. B. Cottrell. 2,381,404; Aug. 7.
Friction clutch. R. A. Carlson. 2,366,594; Jan. 2.
Friction clutch. H. I. Crow. 2,373,462; Apr. 10.
Friction clutch. L. P. Godfrey. 2,366,610; Jan. 2.
Friction clutch. W. J. Miller. 2,376,799; May 22.
Friction clutch. H. Nutt. 2,366,643; Jan. 2.
Friction clutch. C. B. Spase. 2,384,405; Sept. 4.
Friction clutch. W. C. Tompkins and A. Doe. 2,372,750; Apr. 3.
Friction device. R. B. Cottrell. 2,372,936; Apr. 3.
Friction device. S. R. Wellman. 2,380,900; July 31.
Friction draft gear. M. Van Loan, Jr. 2,366,818; Jan. 9.
Friction drive. H. A. McKee. 2,388,491; Nov. 6.
Friction element. C. S. Hart and R. E. Spokes. 2,391,416; Dec. 25.
Friction elements. M. T. Harvey. 2,383,790; Aug. 28.
Friction facing and like materials, Manufacturing. M. Salle. 2,388,187; Oct. 30.
Friction linings, Making. D. E. Lucid. 2,379,166; June 26.
Friction material. F. S. Walker. 2,369,502; Feb. 13.
Friction member for clutches and brakes. E. E. Wemp. 2,391,495; Dec. 25.
Friction retarding mechanism for vehicle suspension. R. W. Brown. 2,381,378; Aug. 7.
Friction shock absorber. G. E. Dath. 2,380,028; July 10.
Friction spring. L. E. Endsley. 2,389,300; Nov. 20.
Friction wheel change speed gear. J. Arter. 2,389,589; Nov. 27.
Frictional apparatus. S. K. Wellman and C. B. Sawyer. 2,381,941; Aug. 14.
Frictional controlling device for rotating bodies. H. C. Lord. 2,382,373; Aug. 14.
Frictional mechanism. W. H. Hunter. 2,386,116; Oct. 2.
Frictional mechanism. W. H. Hunter. 2,386,610; Oct. 9.
Frictional mechanism. W. H. Hunter. 2,388,151; Oct. 30.
Frog, Railway. W. O. Jay. 2,382,153; Aug. 14.
Front door lock. H. G. Voight. 2,390,756; Dec. 11.
Front driven motorboat. R. J. Sharp. 2,379,834; July 3.
Froth and material therefor, Forming a stabilized. N. L. Smith. 2,374,626; Apr. 24.
Frothing agent and production. M. J. Maguire. 2,370,058; Feb. 20.
Frozen confection dispenser. I. King and R. R. Burg. 2,385,579; Sept. 25.
Fruit and vegetable juice extractor. A. G. Reynolds. 2,369,406; Feb. 13.
Fruit and vegetable juicer. J. E. Bennett. 2,387,975; Oct. 30.
Fruit and vegetable sorting machine. E. R. Sandmeyer. 2,370,262; Feb. 27.
Fruit brushing machine. S. Diller. 2,376,587; May 22.
Fruit-cutting and juice-extracting machine. N. Eastman. 2,382,620; Aug. 14.
Fruit feeding device. F. W. Cutler. 2,367,757; Jan. 23.
Fruit handling machine. B. C. Coons. 2,375,350; May 8.
Fruit having a pit, Treating. R. Polk, Sr., and R. Polk, Jr. 2,378,101; June 12.
Fruit juice extractor. H. Fromm. 2,367,859; Jan. 23.
Fruit juice extractor. V. Lobasso. 2,369,305; Feb. 13.
Fruit, Method and apparatus for pitting. B. C. Coons. 2,382,961; Aug. 21.
Fruit, Orientation of. G. W. Ashlock, Jr. 2,387,709; Oct. 30.

Fruit, Treating. A. F. Kalmar. 2,386,954; Oct. 16.
Fruit treating apparatus. R. L. Ewald and H. A. Skog. 2,388,692; Nov. 13.
Fruits, Making dehydrated citrus. H. K. Derby. 2,379,058; June 26.
Fruits, Treating. A. F. Kalmar. 2,374,209–10; Apr. 24.
Frying machine, Egg. C. A. Beatty. 2,369,274; Feb. 13.
Frying unit, Food. H. L. Thiele. 2,367,448; Jan. 16.
Fuel and air supply for internal-combustion engines. J. P. M. Van Dietz. 2,368,180; Jan. 30.
Fuel, Antiknock motor. P. Miller. 2,375,236; May 8.
Fuel atomizer. E. T. Vincent. 2,391,808; Dec. 25.
Fuel burner. A. G. Kaufman. 2,370,172; Feb. 27.
Fuel burner. J. J. Ursutz. 2,387,420; Oct. 23.
Fuel burner and air supply means therefor, Pot type liquid. M. D. Huston. 2,382,419; Aug. 14.
Fuel burner apparatus, Liquid. D. C. Bortner. 2,370,933; Mar. 6.
Fuel burner control. S. G. Isserstedt. 2,377,235; May 29.
Fuel burner control means. E. J. Doucet. 2,379,565; July 3.
Fuel burner control system. R. W. De Lancey. 2,375,900; May 15.
Fuel burner control system. J. M. Wilson. 2,377,535; June 5.
Fuel burning apparatus. R. M. Hardgrove. 2,380,041; July 10.
Fuel burning device, Pressure type liquid. R. Baker and C. W. Davis. 2,375,886; May 15.
Fuel, Burning liquid. E. V. Michaud. 2,379,979; July 10.
Fuel carburation system. R. P. De Vries. 2,384,609; Sept. 11.
Fuel carburetion, Producing. H. W. Smith and D. D. Paxton. 2,387,862; Oct. 30.
Fuel cock drive mechanism. H. A. Satterlee. 2,389,461; Nov. 20.
Fuel components, Purification of motor. J. T. Horeczy. 2,377,031; May 29.
Fuel composition. F. Elkan. 2,381,891; Aug. 14.
Fuel container. L. Shakesby. 2,369,921; Feb. 20.
Fuel control. A. W. Gardner. 2,385,409; Sept. 25.
Fuel control device for internal-combustion engines. A. C. Pugh, D. G. Booth, and P. J. Jarvis. 2,383,563; Aug. 28.
Fuel control system for internal-combustion engines. F. G. Rollo and J. R. Tomlinson. 2,391,291; Dec. 18.
Fuel, Diesel. G. R. Gilbert. 2,379,228; June 26.
Fuel, Diesel. J. H. McCracken. 2,387,279; Oct. 23.
Fuel, Diesel. J. H. McCracken and E. M. Nygaard. 2,387,403; Oct. 23.
Fuel dispensing system. C. Marsh. 2,375,428; May 8.
Fuel drain valve. G. T. Downey. 2,368,120; Jan. 30.
Fuel economizer. V. E. Arnold. 2,369,995; Feb. 20.
Fuel feeding apparatus. C. Scholl. 2,369,370; Feb. 13.
Fuel feeding apparatus. F. E. Thomes. 2,386,991; Oct. 16.
Fuel feeding device. P. F. Adair. 2,372,306; Mar. 27.
Fuel feeding mechanism, Liquid. R. W. Johnson and C. E. Darwell. 2,381,756; Aug. 7.
Fuel feeding system. A. C. Allen. 2,372,700; Apr. 3.
Fuel feeding system for internal-combustion engines, Powdered. W. J. Caldwell. 2,371,735; Mar. 20.
Fuel for internal-combustion engines, Anti-knock. G. B. Banks. 2,373,372; Apr. 10.
Fuel ignition system. V. A. Fox. 2,385,699; Sept. 25.
Fuel injecting means for internal-combustion engines. H. G. Cammer. 2,380,148; July 10.
Fuel injection. R. W. Stelzel. 2,387,690; Oct. 23.
Fuel injection apparatus. A. T. Bremser. 2,384,011–12; Sept. 4.
Fuel-injection apparatus for internal-combustion engines and like purposes. G. Amery. 2,372,169; Mar. 27.
Fuel injection apparatus, Liquid. W. M. Nichols. 2,374,114; Apr. 24.
Fuel injection control structure, Supplementary. L. Russell. 2,388,085; Oct. 30.
Fuel injection device. E. Waeber. 2,378,165; June 12.
Fuel injection device. E. M. Ward. 2,371,787; Mar. 20.
Fuel-injection engine. A. F. Sanders. 2,379,190; June 26.
Fuel injection pump. L. Beeh, J. O. Forster, and W. E. Meyer. 2,380,574; July 31.
Fuel injection pump. A. T. Bremser. 2,382,000; Aug. 14.
Fuel injection pump. H. C. Edwards. 2,372,559; Mar. 27.
Fuel injection pump. E. C. Gambrell. 2,381,585; Aug. 7.
Fuel injection pump. R. E. Peterson. 2,381,555; Aug. 7.
Fuel injector. H. C. Edwards. 2,389,492; Nov. 20.
Fuel injector. W. Harper, Jr. 2,382,151; Aug. 14.
Fuel injector control mechanism. M. E. Chandler. 2,384,282; Sept. 4.
Fuel injector, Diesel engine. S. A. Unsworth. 2,385,239; Sept. 18.
Fuel injector system. E. S. Cameron. 2,369,134; Feb. 13.
Fuel knock rating, Motor. J. D. Morgan and P. B. Levitt. 2,380,704; July 31.
Fuel, Knock-resistant motor. D. R. Carmody. 2,391,084; Dec. 18.
Fuel metering device. F. C. Reggio. 2,378,036; June 12.
Fuel, Method of and system for dispensing liquefied. O. L. Garretson. 2,378,077; June 12.
Fuel, Motor. C. M. Ridgway. 2,367,527; Jan. 16.
Fuel, Motor. W. B. Ross and K. Boldt. 2,371,355; Mar. 13.
Fuel, Motor. S. B. Wiczer. 2,384,866; Sept. 18.
Fuel, Preparation of motor. R. E. Burk. 2,370,144; Feb. 27.
Fuel, Preparation of stable binary motor. A. S. Wolfner. 2,371,010; Mar. 6.
Fuel, Production of motor. J. P. Jones. 2,376,060; May 15.
Fuel, Production of motor. J. P. Jones. 2,389,984; Nov. 27.
Fuel, Production of motor. G. G. Oberfell and J. P. Jones. 2,376,077; May 15.
Fuel proportioning device. J. W. Colvin and F. V. H. Judd. 2,372,766; Apr. 3.
Fuel pump. A. N. Blazer. 2,370,001; Feb. 20.
Fuel pump. I. E. Coffey. 2,381,259; Aug. 7.
Fuel pump. M. Dach. 2,368,524; Jan. 30.
Fuel pump. R. E. Grey and L. G. Burns. 2,382,412; Aug. 14.
Fuel pump. C. J. Lauer and R. L. Bowers. 2,380,656; July 31.
Fuel pump. S. M. Udale. 2,367,545; Jan. 16.
Fuel pumping unit, Automatically controlled portable. D. Samiran. 2,373,143; Apr. 10.
Fuel supply for two-cycle, crankcase compression engines. L. T. Kincannon. 2,388,331; Nov. 6.
Fuel supply means, Underfired coke oven. C. Otto. 2,388,438; Nov. 6.
Fuel supply system. M. M. Cunningham. 2,387,316; Oct. 23.
Fuel supplying apparatus. J. W. Fyksen. 2,380,961; Aug. 7.
Fuel synthesis, Motor. D. R. Carmody and B. H. Shoemaker. 2,384,796; Sept. 18.
Fuel system. R. R. Curtis. 2,383,369; Aug. 21.
Fuel system. J. O. Helvérn and E. L. Baugh. 2,385,513; Sept. 25.
Fuel system. R. C. Rike and E. L. Baugh. 2,367,055; Jan. 9.
Fuel tank. F. W. Stavely, K. L. Edgar, and S. W. Hoffmann. 2,381,400; Aug. 7.
Fuel tank flapper valve. J. W. Young and C. E. Patterson. 2,378,613; June 19.
Fuel tank or container. J. Lloyd. 2,367,953; Jan. 23.
Fuel vaporizer, Liquid. I. W. Weppio. 2,373,867; Apr. 17.
Fuels, Addition agent for motor. R. L. Mathiasen. 2,368,482; Jan. 30.
Fuels and improving octane rating, Desulphurising motor. M. C. K. Jones. 2,372,084; Mar. 20.
Fuels and making same, Motor. L. A. Clarke. 2,373,101; Apr. 10.
Fuels, Diesel. T. T. Noland and E. M. Nygaard. 2,370,183; Feb. 27.
Fuels for combustion. P. Miller and G. H. Cloud. 2,373,044; Apr. 3.
Fuels, Manufacture of motor. L. G. Story. 2,373,612; Apr. 10.
Fuels, Production of high octane. G. H. Short and G. G. Oberfell. 2,376,558; May 22.
Fuels, Stabilization of motor. E. W. Cook and W. D. Thomas, Jr. 2,385,757; Sept. 25.
Fuels, Trialkyl phosphines for Diesel. E. M. Nygaard and J. H. McCracken. 2,388,366; Feb. 6.
Fulling mill. F. R. Morrill. 2,375,736; May 8.
Fungicidal and bactericidal composition. D. K. Ballman. 2,376,650; May 22.
Fungusproofing textiles. P. G. Benignus. 2,381,863; Aug. 14.
Funnel, Filter. O. W. Post. 2,378,949; June 26.
Funnel, Filter. O. W. Post. 2,379,101; June 26.
Fur cleaning apparatus. F. X. Dubay. 2,384,458; Sept. 11.
Fur for felting, Preparing. A. E. Hodshon and H. H. Tucker. 2,374,936; May 1.
Fur wetting apparatus. J. Morgenstern. 2,382,089; Aug. 14.
Furan, Preparing. G. M. Whitman. 2,374,149; Apr. 17.
Furfural purification. D. R. Dousiin and C. F. Weinaug. 2,388,834; Nov. 13.
Furfural, Stabilized. R. L. Comstock. 2,384,238; Sept. 4.
Furnace: *See*—

Blast furnace.	Hot air heating furnace.
Conveyer furnace.	Industrial furnace.
Drying and calcining furnace.	Magnesium distillation furnace.
Electric arc furnace.	Magnesium melting furnace.
Electric furnace.	Metallurgical induction furnace.
Electric induction furnace	Open hearth furnace.
Electric reaction furnace.	Rotary heating furnace.
Electrically heated drum-type furnace.	Salt bath furnace.
Floor furnace.	Submerged resistor type indicator furnace.
Glass melting furnace.	Tilting furnace.
Gravity-fed coal furnace.	
Heat-treating furnace.	
Heating furnace.	
High-temperature heat-treating furnace.	

Furnace. W. S. Blauvelt. 2,375,517; May 8.

Furnace. C. P. Clapp and B. M. Johnson. 2,385,333; Sept. 25.
Furnace. E. W. Dany and P. S. Gruber. 2,375,771; May 15.
Furnace, S. R. Du Brie. 2,385,065; Sept. 18.
Furnace. L. W. Foltz. 2,390,995; Dec. 18.
Furnace. M. Frisch. 2,381,896; Aug. 14.
Furnace. C. Harris. 2,369,965; Feb. 20.
Furnace. C. A. Huwer. 2,380,110; July 10.
Furnace. R. C. Jepertinger. 2,379,083; June 26.
Furnace. A. T. Johanson. 2,388,976; Nov. 13.
Furnace. J. McDonald. 2,376,548; May 22.
Furnace. T. W. Munford. 2,384,764; Sept. 11.
Furnace. C. W. Nichols, Jr. 2,376,177; May 15.
Furnace. P. F. Sharpe. 2,374,707; May 1.
Furnace and operation, Open-hearth. J. M. Crowe. 2,385,261; Sept. 18.
Furnace arch or roof construction. L. H. Hosbein and L. Ellman. 2,387,663; Oct. 23.
Furnace charging bell, Blast. G. Wehr. 2,388,941; Nov. 13.
Furnace construction. C. V. Carroll. 2,377,210; May 29.
Furnace construction. E. Dolezal, L. J. Weber and V. V. Hubby. 2,366,959; Jan. 9.
Furnace construction, Induction. H. A. Strickland, Jr. 2,373,719; Apr. 17.
Furnace control apparatus. D. J. Mossbart. 2,378,238; June 12.
Furnace door. L. S. Longenecker. 2,387,594; Oct. 23.
Furnace door. C. A. Martin and J. F. Farris. 2,374,611; Apr. 24
Furnace drive, Rotary. R. E. Buckholdt. 2,369,529; Feb. 13.
Furnace for heating lens blanks. H. C. Weller. 2,388,888; Nov. 13.
Furnace for producing wood charcoal. C. Meyer. 2,386,972; Oct. 16.
Furnace for the heating and melting of metals, Electric resistor. P. Pritchard. 2,379,651; July 3.
Furnace regulator system. C. E. Valentine. 2,367,979; Jan. 23.
Furnace tube plate design. J. E. Donahue. 2,370,782; Mar. 6.
Furnace wall. W. G. Young. 2,369,100; Feb. 6.
Furnace wall construction. R. A. Foresman. 2,375,841; May 15.
Furnaces for the electrolytic production of aluminum, Making. H. Hurter. 2,378,142; June 12.
Furniture. L. Millek. 2,377,024; May 29.
Furniture. M. Tucker. 2,377,464; June 5.
Furniture and constructing same, Upholstered. B. Brody. 2,370,711; Mar. 6.
Furniture, Article of. S. D. Epworth. 2,386,739; Oct. 9.
Furniture, Article of. G. E. O'Hearn. 2,389,994; Nov. 27.
Furniture, Desk. R. J. Freeman. 2,387,506; Oct. 23.
Furniture, Foldable article of. C. Ashmusen. 2,383,837; Aug. 28.
Furniture, Leg mounting. J. A. Ferguson. 2,386,201; Oct. 9.
Furniture piece, Utility. R. P. Breese. 2,384,234; Sept. 4.
Furniture spring construction. W. A. Kalpakoff. 2,371,825; Mar. 20.
Furniture with removable cover on, Upholstered. M. A. Saltz. 2,383,687; Aug. 28.
Furs, Treating. S. S. Gottfried. 2,383,963; Sept. 4.
Fuse. T. T. Doe and R. L. Kennagott. 2,368,747; Feb. 6.
Fuse. J. J. Horan. 2,388,691; Nov. 13.
Fuse. H. Junghans. 2,380,764; July 31.
Fuse. W. O. Schultz. 2,386,752; Oct. 16.
Fuse. W. Summerbell. 2,367,699; Jan. 23.
Fuse, Antitank mine. A. Adelman. 2,376,332; May 22.
Fuse assembly. A. and J. Hollins. 2,375,472; May 8.
Fuse assembly machine. P. V. Di Cosmo and M. C. Ricciardi. 2,367,672; Jan. 23.
Fuse, Bomb nose. A. J. Nicholas. 2,389,383; Nov. 20.
Fuse construction. H. A. Lewis. 2,379,013; June 26.
Fuse construction. W. O. Schultz. 2,378,109; June 12.
Fuse construction. H. A. Triplett. 2,379,199; June 26.
Fuse, Current limiting. C. G. Suits and G. F. Lincks. 2,382,271; Aug. 14.
Fuse, cutout. W. O. Schultz. 2,385,473; Sept. 25.
Fuse device, Drop-out. W. O. Schultz. 2,372,126; Mar. 20.
Fuse, Impulse-protected. D. D. MacCarthy and T. Brownlee. 2,371,969; Mar. 20.
Fuse plug. G. E. Holmes. 2,383,484; Aug. 28.
Fuse, Projectile. H. J. Fanger. 2,378,626; June 19.
Fuse protector device. J. S. Curtiss. 2,388,309; Nov. 6.
Fuse-setting apparatus. A. H. Musson and V. P. Harvey. 2,390,382; Dec. 4.
Fuse setting apparatus for shells. V. P. Harvey. 2,369,394; Feb. 13.
Fuse terminal clip. T. B. Taylor. 2,388,883; Nov. 13.
Fuse testing device, Dynamic. T. K. Riggen. 2,378,327; June 12.
Fuse, Time. E. Weiss and H. Strickstrock. 2,369,626; Feb. 13.
Fuse unit. A. H. Powell. 2,386,060; Oct. 2.
Fuselage bulge. R. A. Darby. 2,385,499; Sept. 25.
Fusing apparatus and method, Metal. R. K. Hopkins. 2,370,467. Feb. 27.
Fuze packing box. F. E. Gross. 2,389,358; Nov. 20.
Gaff hook. E. O. Schofield. 2,372,743; Apr. 3.
Galley lock. S. A. Gattoni. 2,376,999; May 29.
Galvanizing methods. S. C. Avallone. 2,378,458; June 19.
Galvanometer. P. A. Borden. 2,368,701; Feb. 6.
Galvanometer. W. H. Pearce. 2,380,609; July 31.
Galvanometer. L. B. Redmond. 2,389,081; Nov. 13.
Galvanometer, Oscillograph. C. M. Hathaway. 2,368,831; Feb. 6.
Game. L. H. Buckner. 2,376,755; May 22.
Game. W. J. Conwell. 2,378,983; June 26.
Game. D. J. Crowley. 2,378,621; June 19.
Game. M. J. Hilton. 2,380,106; July 10.
Game. R. Morelli. 2,372,333; Mar. 27.
Game. H. N. Pedersen. 2,390,458; Dec. 4.
Game and game apparatus. R. A. Gorsuch. 2,366,782; Jan. 9.
Game apparatus. J. M. Buckley. 2,370,229; Feb. 27.
Game apparatus. R. I. Dorfman. 2,375,292; May 8.
Game apparatus. G. A. Stewart. 2,368,896; Feb. 6.
Game balls, Making inflatable athletic. M. B. Reach. 2,367,374; Jan. 16.
Game, Baseball. D. H. Munro. 2,382,329; Aug. 14.
Game, Baseball. W. Prinzle. 2,375,583; May 8.
Game, Baseball. G. Shenker. 2,388,577; Nov. 6.
Game board. J. A. Fredrikson. 2,391,147; Dec. 18.
Game board. J. R. Trimble. 2,371,575; Mar. 13.
Game cabinet. A. La Rizza. 2,370,050; Feb. 20.
Game device. J. W. Patterson. 2,383,210; Aug. 21.
Game device. S. N. Polis. 2,371,262; Mar. 13.
Game, Hockey. D. H. Munro. 2,382,328; Aug. 14.
Game indicator or score board or the like. W. I. Smith. 2,391,520; Dec. 25.
Game of skill. C. Wilson. 2,371,567; Mar. 13.
Game or toy. R. E. Jacke. 2,377,498; June 5.
Game racket. H. H. Kent. 2,369,145; Feb. 13.
Game, Target. F. Shackleford. 2,372,608; Mar. 27.
Gamma-acetopropanol, Preparing. L. P. Kyrides and F. B. Zienty. 2,382,071; Aug. 14.
γ-nitro monocarboxylic esters. H. A. Bruson. 2,390,918; Dec. 11.
γ-trichlorobutyronitrile and its preparation. W. Niederhauser and H. A. Bruson. 2,379,097; June 26.
Gangway, Laminated. G. H. Messmore. 2,380,060; July 10.
Gap adjuster, Spark plug. J. C. Coombs. 2,388,953; Nov. 13.
Garage door. W. D. Ferris, C. R. Wolf, and N. M. Foulds. 2,369,141; Feb. 13.
Garage door. V. E. Redding and W. C. Michaelis. 2,388,182; Oct. 30.
Garage door holder. J. E. McJimsey. 2,388,490; Nov. 6.
Garden implement. J. F. Hyland. 2,372,275; Mar. 27.
Garden tool. B. C. Armstrong. 2,366,231; Jan. 2.
Garden tool. B. O. Cuddigan and J. F. Wirth. 2,387,748; Oct. 30.
Garden tractor. T. H. Loy. 2,367,466; Jan. 16.
Gardening tool. E. Terray. 2,370,208; Feb. 27.
Garment. I. Abzug. 2,385,178; Sept. 18.
Garment. M. Bloom. 2,375,070; May 1.
Garment. T. A. Clifford. 2,366,440; Jan. 2.
Garment. M. A. Einbinder. 2,381,580; Aug. 7.
Garment. E. L. Frank. 2,368,654; Feb. 6.
Garment. A. La France. 2,374,440; Apr. 24.
Garment. A. Friedland. 2,389,192; Nov. 20.
Garment. L. R. Griswold. 2,376,247; May 15.
Garment. P. H. Hanes. 2,377,004; May 29.
Garment. L. Herscovici. 2,375,845; May 15.
Garment. H. J. Leon. 2,381,295; Aug. 7.
Garment. A. J. Marrow and H. L. Green. 2,371,584; Mar. 13.
Garment. C. E. Martin. 2,368,034; Jan. 23.
Garment. J. A. Rosehill. 2,386,909; Oct. 16.
Garment. L. M. Rouse. 2,371,778; Mar. 20.
Garment. H. L. Snider. 2,367,442; Jan. 16.
Garment, Armored. G. L. Watts. 2,373,726; Apr. 17.
Garment, Aviator's. J. R. C. Quilter and J. Gregory. 2,382,816; Aug. 14.
Garment bag. G. E. Lofgren. 2,372,439; Mar. 27.
Garment, Body molding. H. L. Jasper. 2,370,170; Feb. 27.
Garment, Child's. M. I. Lehman. 2,386,871; Oct. 16.
Garment closure. M. McFarlane. 2,379,815; July 3.
Garment, Combination. R. T. Healy. 2,378,706; June 19.
Garment, Combination. D. Liebert. 2,385,871; Oct. 2.
Garment construction. J. A. Ayoub. 2,386,768; Oct. 16.
Garment construction. H. Fink and M. Sottosanti. 2,376,589; May 22.
Garment construction. B. Latter. 2,366,862; Jan. 9.
Garment construction. S. Nehf. 2,390,456; Dec. 4.
Garment construction. H. Roy. 2,367,843; Jan. 23.
Garment, Figure molding foundation. C. D. Maldoff 2,379,491; July 3.
Garment finishing apparatus. S. J. Locke and W. J. Francey. 2,378,565; June 19.
Garment for complete protection against inclement weather. C. A. Noone. 2,372,110; Mar. 20.
Garment, Form constricting and molding. F. A. Cohen. 2,388,525; Nov. 6.
Garment, Foundation. A. M. Butow. 2,389,410; Nov. 20.
Garment, Foundation. H. J. Dubner. 2,381,442; Aug. 7.
Garment, Foundation. K. K. Smythe. 2,372,133; Mar. 20.
Garment, Foundation. H. Wipperman and M. Martin. 2,378,167; June 12.

Garment hanger. J. Bolten and H. Spitz. 2,370,391; Feb. 27.
Garment hanger. J. D. Coney. 2,368,348; Jan. 30.
Garment hanger. J. D. Coney. 2,374,329–30; Apr. 24.
Garment hanger. E. F. Dessureau. 2,376,584; May 22.
Garment hanger. H. R. Ellis. 2,377,218; May 29.
Garment hanger. M. Glaser. 2,386,603; Oct. 9.
Garment hanger. A. F. Isaak. 2,370,313; Feb. 27.
Garment hanger. A. H. Larsen. 2,374,689; May 1.
Garment hanger. L. Oskow. 2,378,578; June 19.
Garment hanger. T. C. Paull. 2,376,269; May 15.
Garment hanger. H. O. Ronning. 2,383,819; Aug. 28.
Garment hanger. J. H. Rotheraine. 2,383,083; Aug. 21.
Garment hanger. A. G. Wahl. 2,381,629; Aug. 7.
Garment hanger. L. A. Young. 2,372,998–2,373,000; Apr. 3.
Garment hanger. L. A. Young. 2,375,161; May 1.
Garment hanger. L. A. Young. 2,376,220; May 15.
Garment hanger. F. Zimmerman. 2,370,436; Feb. 27.
Garment hanger. S. Zirin. 2,366,665; Jan. 2.
Garment, Lady's. P. B. Kovitz. 2,378,088; June 12.
Garment, Maternity. H. S. Kohler. 2,370,049; Feb. 20.
Garment, Maternity. R. M. Mahoney. Re. 22,665; Aug. 14.
Garment of the slacks type. M. D. Neilson. 2,387,405; Oct. 23.
Garment opening, Double-piped. F. Altobelli. 2,388,516; Nov. 6.
Garment, Pleated. L. W. Volk. 2,374,314; Apr. 24.
Garment pocket construction, Secret. J. I. Schaffer. 2,383,217; Aug. 21.
Garment protecting hanger. S. Axelrod. 2,380,375; July 31.
Garment, Protection. N. H. Keeler and H. J. Eskelson. 2,389,152; Nov. 20.
Garment protector. D. Topjian. 2,390,565; Dec. 11.
Garment, Reversible. M. Kaufmann. 2,375,562; May 8.
Garment, Three-in-one. A. N. Carlu. 2,382,396; Aug. 14.
Garment treating form. R. Mittelstadt. 2,383,011; Aug. 21.
Garment trimming apparatus. J. Schlesinger. 2,377,907; June 12.
Garment, Wrap-around. A. Quinn. 2,373,415; Apr. 10.
Garter, Compensating. L. Roseman. 2,377,651; June 5.
Gas analysis. L. Horvitz. 2,376,145; May 15.
Gas analysis apparatus. W. F. Munn. 2,371,405; Mar. 13.
Gas analysis apparatus. O. R. Sommermeyer, Jr. 2,372,530; Mar. 27.
Gas and liquid contact apparatus. G. M. Hebbard. 2,377,781; June 5.
Gas and liquid mixer. C. D. Macrill. 2,390,313; Dec. 4.
Gas and oil burner. W. S. Patterson. 2,368,490; Jan. 30.
Gas blast electric circuit breaker. H. Trencham. 2,382,274; Aug. 14.
Gas burner. C. L. Dewey. 2,368,646; Feb. 6.
Gas burner. W. D. Fuller. 2,384,022; Sept. 4.
Gas burner. P. S. Harper. 2,385,413; Sept. 25.
Gas burner. P. S. Harper and G. F. Turner. 2,386,113; Oct. 2.
Gas burner. S. H. Hobson. 2,379,524; July 3.
Gas burner. S. Jaros. 2,369,235–6; Feb. 13.
Gas burner. H. R. Maxon, Jr. 2,368,370; Jan. 30.
Gas burner. R. L. Miller. 2,389,270; Nov. 20.
Gas burner. H. E. Mills. 2,385,528; Sept. 25.
Gas burner. B. Pratt. 2,376,273–4; May 15.
Gas burner. H. D. Schrader. 2,367,143; Jan. 9.
Gas burner. J. J. Wolfersperger. 2,385,854; Oct. 2.
Gas burner assembly. P. S. Harper. 2,372,573; Mar. 27.
Gas burning apparatus. T. B. Focke, J. A. Dahlstrom, and J. R. Kirkpatrick. 2,383,641; Aug. 28.
Gas-cleaning means and methods. G. W. Penney and R. A. Nielsen. 2,382,253; Aug. 14.
Gas control means. Floor furnace. L. V. McCarty. 2,387,164; Oct. 16.
Gas cutoff, Automatic. C. C. Phillips. 2,375,131; May 1.
Gas dispensing system. T. A. St. Clair. 2,384,266; Sept. 4.
Gas distribution means for multiple tube electrical precipitators, Adjustable. H. J. White. 2,374,715; May 1.
Gas expander, Liquefied. D. R. Dousiin. 2,379,953; July 10.
Gas filter. E. G. Pierce. 2,385,938; Oct. 2.
Gas fitting, High-pressure. D. Morrow and L. Baldo. 2,370,182; Feb. 27.
Gas flasks, Making reinforced. C. H. Lindsay. 2,373,038; Apr. 3.
Gas generating burner. C. L. Ruhl. 2,386,978; Oct. 16.
Gas generator. U. L. Jones. 2,367,401; Jan. 16.
Gas generator. C. H. Schroder. 2,371,929; Mar. 20.
Gas heated sad iron. P. Ayala and A. Ballesteros. 2,377,856; June 12.
Gas heater. H. Gygi. 2,380,169; July 10.
Gas heater. R. Wiederkehr. 2,385,177; Sept. 18.
Gas heating apparatus. E. C. Miller. 2,369,746; Feb. 20.
Gasholder. W. E. Gruening. 2,367,497; Jan. 16.
Gas igniter. J. A. Cerny and J. Converse. 2,384,797; Sept. 18.
Gas lift pumping apparatus. J. L. Benard. 2,391,542; Dec. 25.
Gas manufacture. E. E. Stimson. 2,388,348; Nov. 6.
Gas meter. G. A. Ormerod. 2,367,735; Jan. 23.
Gas, Method and apparatus for distributing liquefied. O. A. Hansen and P. M. Riede. 2,385,984; Oct. 2.
Gas, Method and apparatus for treating and generating liquefield petroleum. J. R. Hollcer. 2,377,342; June 5.
Gas mixer. N. M. Foster. 2,366,322; Jan. 2.
Gas mixture for methanol, Production of. F. W. de Jahn. 2,383,715; Aug. 28.
Gas neutralising device. V. N. Testin. 2,376,733; May 22.
Gas operated turbine arrangement, Exhaust. D. C. Prince. 2,369,175; Feb. 13.
Gas powered model airplane control line apparatus. A. S. Kelecius. 2,390,307; Dec. 4.
Gas pressure regulator. F. Niesemann. 2,380,459; July 31.
Gas processing. R. M. Reed. 2,390,899; Dec. 11.
Gas producer. A. E. Blake. 2,381,200; Aug. 7.
Gas producer by solid fuel, and suitable to feed gas motors, and especially auto motors. E. U. D'Accadia. 2,390,058; Dec. 4.
Gas producers, Regulating the operation of. C. A. A. Bazille. 2,369,522; Feb. 13.
Gasproof container. D. Ray. 2,370,419; Feb. 27.
Gas proportioning system. O. L. Garretson. 2,379,633; July 3.
Gas purification. B. W. Collins. 2,378,689; June 19.
Gas purification. H. L. Gilmore. 2,390,297; Dec. 4.
Gas purification. F. D. Schreiber. 2,386,359; Oct. 9.
Gas purification and separation process. L. Rosenstein. 2,368,600; Jan. 30.
Gas purification process. H. A. Gollmar. 2,379,076; June 26.
Gas range. J. F. Hennessy. 2,369,825; Feb. 20.
Gas recycling process, Natural. D. G. Brandt. 2,367,285; Jan. 16.
Gas regulator. J. P. Johnson and A. H. Tidd. 2,383,801; Aug. 28.
Gas regulator for firearms. J. C. Garand. 2,369,669; Feb. 20.
Gas reservoirs, Evaluating the content of. J. P. Sloan. 2,380,081; July 10.
Gas storage and dispensing system, Liquefied hydrocarbon. T H Duff. 2,371,231; Mar. 13.
Gas system, Liquid petroleum. J. R. Hollcer. 2,373,683; Apr. 17.
Gas testing method and apparatus. W. R. Calvert and B. E. White. 2,382,381; Aug. 14.
Gas turbine. J. S. Alford. 2,382,387; Aug. 14.
Gas turbine. J. S. Alford. 2,382,842; Aug. 14.
Gas turbine. G. W. Lawson. 2,385,006; Sept. 18.
Gas turbine arrangement. C. W. Smith. 2,370,694; Mar. 6.
Gas turbine cooling arrangement. W. A. Reeves. 2,370,192; Feb. 27.
Gas turbine motor plant. L. A. Hermitte. 2,371,889; Mar. 20.
Gas turbine plant. W. Traupel. 2,374,510; Apr. 24.
Gas valve. P. S. Harper. 2,379,854; July 10.
Gas valve control attachment. J. S. Andrews. 2,371,727; March 20.
Gaseous discharge device. D. W. Abernathy. 2,369,767; Feb. 20.
Gaseous discharge tube. S. G. Klumb. 2,372,206; Mar. 27.
Gaseous fuel control. C. A. Chamberlain. 2,373,381; Apr. 10.
Gaseous mixtures, Recovery of sulphur from. E. P. Fleming and T. C. Fitt. 2,388,259; Nov. 6.
Gases, Absorption of. W. C. Jones and C. T. Shewell. 2,372,085; Mar. 20.
Gases, Administration of inhalant. W. Edmondson and W. Jones. 2,388,533; Nov. 6.
Gases, Analyzing. D. G. C. Hare. 2,389,046; Nov. 13.
Gases and utilising the same, Compressing. F. R. Russell. 2,379,751; July 3.
Gases and vapors, Cracking hydrocarbon. C. F. Ramseyer. 2,389,636; Nov. 27.
Gases, Method and apparatus for dispensing liquefied. O. A. Hansen. 2,368,215; Jan. 30.
Gases, Purification of. F. R. Balcar. 2,384,065; Sept. 4.
Gases, Purification of. H. Scott and P. R. Kallscher. 2,383,344; Aug. 21.
Gases, Purification of chlorine-containing. W. P. Schambra and C. M. Shigley. 2,369,610; Feb. 13.
Gases, Treatment of. A. J. L. Hutchinson and I. C. Bechtold. 2,375,560; May 8.
Gases, Treatment of. H. Z. Martin. 2,379,734; July 3.
Gases with a solid material, Method and apparatus for contacting. L. P. Evans. 2,386,670; Oct. 9.
Gases with liquids, Methods and apparatus for reacting. H. H. Friedel. 2,385,200; Sept. 18.
Gasifier, Engine fuel. E. G. Baker. 2,389,714; Nov. 27.
Gasket cutter. C. H. Witter and M. J. Welter. 2,368,908; Feb. 6.
Gasket for pressure relief disk valves. P. B. Drane. 2,386,940; Oct. 16.
Gasket material. R. C. Bascom. 2,381,248; Aug. 7.
Gasket material. D. S. Crampton. 2,373,461; Apr. 10.
Gasket material. H. B. Denman. 2,368,118; Jan. 30.
Gasket material, Making. W. F. Bernstein, T. F. Mika, S. M. Lillis, and O. L. Colwell. 2,367,181; Jan. 16.
Gasket structure, Hydrocarbon resistant, light pressure sealing. D. M. Sellew. 2,383,570; Aug. 28.
Gasketed joint. C. G. Malmberg. 2,384,386; Sept. 4.

Gasoline and water separator. T. Miller. 2,387,035; Oct. 16.
Gasoline, Deleading. G. Calingaert, H. Soroos, and H. Shapiro. 2,390,988; Dec. 18.
Gasoline engine. R. A. Weatherup. 2,388,452; Nov. 6.
Gasoline, Manufacture of high octane. F. J. Jenny. 2,369,237; Feb. 13.
Gasoline mixture indicator. A. J. Schier. 2,373,055; Apr. 3.
Gasoline, Preparation of sweet high octane. H. G. M. Fischer. 2,369,554; Feb. 13.
Gasoline, Production of aviation. J. A. Anderson, Jr. 2,389,176; Nov. 20.
Gasoline, Recovering. F. G. Noble. 2,386,057; Oct. 2.
Gasoline, Reducing the sulphur content of. V. Abeles. 2,378,382; June 19.
Gasoline, Removing dye and tetraethyl lead from. F. E. Neef, Jr. 2,368,261; Jan. 30.
Gasoline, Stabilized aviation. J. E. Mital. 2,373,631; Apr. 10.
Gasoline stabilizing operation, Controlling. H. C. Gormly. 2,367,862; Jan. 23.
Gasolines, Production of high octane paraffinic. C. C. Crawford, D. L. Fuller, and B. S. Greensfelder. 2,373,674; Apr. 17.
Gastroscope. L. L. Hardt and L. Streifeneder. 2,376,249; May 15.
Gate: *See*—
Adjustable electric gate.
Automatic lock gate.
Power tail gate.
Tail gate.
Vibrating conveyer gate.
Gate lock. J. Lamach. 2,376,066; May 15.
Gate valve. L. J. Bordo. 2,381,431; Aug. 7.
Gate valve. J. L. Henderson. 2,380,647; July 31.
Gate valve assembly. A. J. Penick. 2,385,463; Sept. 25.
Gates and similar structures, Building caisson. J. Loewenstein. 2,373,484; Apr. 10.
Gathering and loading machine. F. Cartlidge. 2,381,108–9; Aug. 7.
Gauge: *See*—
Angle and distance gauge.
Bore gauge.
Boring tool setting gauge.
Carburetor ice warning gauge.
Comparator gauge.
Container gauge.
Depth gauge.
Electric gauge.
Electrical strain gauge.
Electromagnetic gauge.
Force gauge.
Height gauge.
Immersion gauge.
Inside diameter measuring and indicator gauge.
Liquid level gauge.
Liquid seal and flow gauge.
Maximum pressure gauge.
Micrometer gauge.
Optical tool gauge.
Planer gauge.
Plug gauge.
Pressure gauge.
Print trimming gauge.
Rain gauge.
Rule setting gauge.
Sawmill gauge.
Taper gauge.
Temperature compensated gauge.
Tire pressure gauge.
Tool setting gauge.
Tree grafting gauge.
Twist drill gauge.
Type size and space gauge.
Water gauge.
Gauge. G. R. Eckstein. 2,377,679; June 5.
Gauge. E. H. Fors. 2,366,508; Jan. 2.
Gauge. E. H. Fors and J. W. Rodnick. 2,368,129; Jan. 30.
Gauge. H. Heyman. 2,372,493; Mar. 27.
Gauge. E. C. Horton. 2,382,633; Aug. 14.
Gauge. E. C. Lundeberg. 2,377,020; May 29.
Gauge. J. T. Nock. 2,374,830; May 1.
Gauge. J. R. Oishei and E. C. Horton. 2,378,156; June 12.
Gauge. W. P. Powers. 2,390,122; Dec. 4.
Gauge. P. T. Smith. 2,369,319; Feb. 13.
Gauge. J. C. Thomas. 2,379,048; June 26.
Gauge. W. H. Troedson. 2,387,218; Oct. 16.
Gauge and miter measuring device, Machinists. F. R. Newell. 2,382,250; Aug. 14.
Gauge and producing it, Strain. R. H. Ostergren. 2,386,879; Oct. 16.
Gauge board. W. L. Fry. 2,388,402; Nov. 6.
Gauge device. D. L. Benton. 2,366,430; Jan. 2.
Gauge fabricating machine, Strain. G. S. Nalle, Jr. 2,377,361; June 5.
Gauge for liquefied petroleum gas tanks, Rotary. J. R. Hollcer. 2,377,343; June 5.
Gauge for pipe bending machines. G. N. Simonsen. 2,382,266; Aug. 14.
Gauge for pneumatic tires, Pressure. A. Boynton. 2,384,437; Sept. 11.
Gauge for tanks, Liquid level. E. P. and S. Du Pont. 2,368,705; Feb. 6.
Gauge for tubular joints, Conformator. G. H. Bugenhagen. 2,380,919; Aug. 7.
Gauge for typewriting machines, Leading edge. C. W. Brumhill. 2,386,431; Oct. 9.
Gauge for use in welding. W. H. Cummins. 2,389,842; Nov. 27.
Gauge head for electrical measuring apparatus. R. E. Reason. 2,370,073; Feb. 20.
Gauge mounting. C. F. Brown. 2,376,118; May 15.
Gauge to indicate oil pressure in a crankcase. W. H. Francisco, Jr. 2,375,096; May 1.
Gauge with correction for temperature, Tank contents. C. A. de Giers. 2,382,695; Aug. 14.
Gauge with thermal current control, Strain. A. C. Ruge. Re. 22,589; Jan. 9.
Gauges, Guiding. J. T. Emmerton. 2,381,491; Aug. 7.
Gauges, Renovating worn gap. H. S. Hallewell. 2,384,674; Sept. 11.
Gauging. T. A. Olson and J. Klopak. 2,389,535; Nov. 20.
Gauging and sorting apparatus. C. R. Rasmussen. 2,375,385; May 8.
Gauging apparatus. J. A. Cook. 2,387,645; Oct. 23.
Gauging apparatus. H. J. Landay and C. W. Warren. 2,382,885; Aug. 14.
Gauging apparatus. A. Rappl. 2,367,797; Jan. 23.
Gauging apparatus. L. E. Wattebot. 2,375,600; May 8.
Gauging apparatus. H. W. Wineland. 2,377,738; June 5.
Gauging apparatus for builders and the like. R. Eggemeyer. 2,371,286; Mar. 13.
Gauging apparatus for liquid storage tanks. J. H. Wiggins. 2,377,288; May 29.
Gauging device. W. F. Aller. 2,370,219; Feb. 27.
Gauging device. W. F. Aller. 2,384,518–19; Sept. 11.
Gauging device. W. F. Aller and L. J. Mahlmeister. 2,370,220; Feb. 27.
Gauging device. W. F. Aller and L. J. Schulze. 2,367,255; Jan. 16.
Gauging device. E. H. Birdsall. 2,387,638; Oct. 23.
Gauging device. G. A. Björklund and H. V. Tornebohm. 2,372,879; Apr. 3.
Gauging device. E. F. Martinec. 2,376,372; May 22.
Gauging device. J. H. Straw. 2,370,503; Feb. 27.
Gauging device. J. H. Straw. 2,387,814; Oct. 30.
Gauging machine. W. W. Scott and C. L. Lewis. 2,390,741; Dec. 11.
Gauging mechanism, Centerless grinder. E. L. Kuhns. 2,389,787; Nov. 27.
Gear; *See*—
Aeronautical take-off gear.
Aircraft alighting gear.
Aircraft landing gear.
Aircraft retractable alighting gear.
Airplane landing gear.
Ball bearing screw and nut gear.
Boat gear.
Bomb displacing gear.
Dead centerless crank gear.
Draft gear.
Floating draft gear.
Friction wheel change speed gear.
Landing gear.
Locomotive power reverse gear.
Pneumatic flotation gear.
Power steering gear.
Power transmission gear.
Reduction gear.
Reverse gear.
Speed change gear.
Speed reduction gear.
Torpedo launching gear.
Vehicle landing gear.
Gear. H. L. Denton. 2,372,625; Mar. 27.
Gear and clutch mechanism, Reversing. R. H. Clarke. 2,375,524; May 8.
Gear and locking device, Lawn mower. F. E. Thompson. 2,383,696; Aug. 28.
Gear and wheel for airplanes, Safety landing. M. L. Reed. 2,376,621; May 22.
Gear and wing slot control, Landing. R. C. Blaylock. 2,386,288; Oct. 9.
Gear assembly, Reduction. G. G. Bluemink and J. H. Nelson. 2,379,273; June 26.
Gear change mechanism for lathes. C. A. Bickel. 2,377,305; June 5.
Gear changing mechanism. A. H. Wickham. 2,375,602; May 8.
Gear checking fixture. G. R. Chitwood. 2,367,004; Jan. 9.
Gear checking, Method and apparatus for. L. D. Martin. 2,369,477; Feb. 13.
Gear construction. E. F. Miller. 2,380,776; July 31.
Gear cutter. H. Pelphrey. 2,374,890; May 1.
Gear divider assembly, Multiple unit compact. J. A. Lauck. 2,386,219; Oct. 9.
Gear fairing, Retractable landing. I. N. Palley. 2,388,365; Nov. 6.
Gear finishing. M. B. Mentley. 2,372,444; Mar. 27.
Gear finishing, Herringbone. R. S. Drummond. 2,380,224; July 10.
Gear for aircraft, Landing. S. Foster. 2,376,678; May 22.
Gear for aircraft, Retractable tail landing. C. R. Waselge. 2,387,628; Oct. 23.
Gear for bombs, Displacing. C. Grotke. 2,386,680; Oct. 9.
Gear for electric motor driven mechanisms, Control. A. Arnot. 2,373,736; Apr. 17.
Gear for flying machines, Landing. R. H. Miles. 2,376,374; May 22.
Gear for railway cars, Friction draft. W. A. Geiger. 2,380,303; July 10.
Gear for trailers, Landing. C. Bohlen, Jr. 2,391,384; Dec. 25.
Gear for vehicles, Steering. S. H. Edge and E. Twemlow. 2,382,866; Aug. 14.
Gear, Forming a split ring. R. J. Elseman and R. E. Wenner. 2,385,617; Sept. 25.
Gear forming machine. J. Sneed. 2,374,901; May 1.
Gear generating machine with indexing means, Planetary. E. W. Miller. 2,371,770; Mar. 20.
Gear generator. S. C. Watson. 2,378,963; June 26.
Gear grinding machine, Automatic. E. W. Miller. 2,387,166; Oct. 16.
Gear grinding machine with feed controlling slide, Generative. E. W. Miller. 2,387,167; Oct. 16.
Gear grinding, Method and apparatus for smooth-finish. E. W. Miller. 2,368,559; Jan. 30.
Gear lapping machine. F. W. Davis. 2,385,129; Sept. 18.
Gear lapping machine. O. C. Kavle. 2,377,241; May 29.

Gear mechanism, Speed varying. F. J. Rode and M. R. Hatch. 2,382,820; Aug. 14.
Gear protecting boot, Landing. S. M. Stergis. 2,378,046; June 12.
Gear pump. F. Egersdörfer. 2,382,701; Aug. 14.
Gear pump. G. W. Müller. 2,386,257; Oct. 9.
Gear reduction unit, Worm. W. Noble. 2,388,863; Nov. 13.
Gear shaving machine. W. S. Praeg. 2,387,679; Oct. 23.
Gear shifter lock. C. A. Hubert and H. A. Land. 2,365,139; Jan. 30.
Gear shifting mechanism. A. R. Leukhardt. 2,374,869; May 1.
Gear shifting mechanism. C. D. Peterson and E. J. Barth. 2,385,231; Sept. 18.
Gear shifting mechanism. T. F. Rainsford. 2,381,773; Aug. 7.
Gear shifting mechanism. R. S. Sanford and W. J. Andres. 2,388,088; Oct. 30.
Gear shifting mechanisms for transmissions, Automatic. R. Brunken. 2,373,453; Apr. 10.
Gear strut, Landing. W. G. Wood. 2,376,951; May 29.
Gear system. E. S. Taylor. 2,386,367; Oct. 9.
Gear transmission. W. F. Zimmermann. 2,374,256; Apr. 24.
Gear transmission, Multispeed. J. J. Campodonico. 2,386,540–1; Oct. 9.
Gear unit, Air-cooled reduction. W. Noble. 2,391,186; Dec. 18.
Gearing. J. U. Signer and L. M. Douglas. 2,389,557; Nov. 20.
Gearing, Differential. C. C. Barber. 2,382,846; Aug. 14.
Gearing for aircraft propellers, Change-speed. O. H. Banker. 2,380,390; July 31.
Gearing for steering mechanically propelled vehicles and for other purposes. R. H. Johnston. 2,377,559; June 5.
Gearing for turbine-driven locomotives, Reduction. J. S. Newton and E. E. Arnold. 2,371,255; Mar. 13.
Gearing for washing machines, Variable-speed. E. E. Hood. 2,387,216; Oct. 16.
Gearing, Overdrive. M. H. Frank. 2,390,645; Dec. 11.
Gearing, Reversing. H. Sinclair. 2,375,952; May 15.
Gearing, Speed-varying. L. Oldfield. 2,378,577; June 19.
Gearing, Tooth. F. Maud and S. I. Founce. 2,376,161; May 15.
Gears, Cutting. A. L. Stewart. 2,384,499; Sept. 11.
Gears, Finishing. H. Ashton. 2,380,208; July 10.
Gears, Method and machine for producing. E. Wildhaber. 2,376,465; May 22.
Gears, Process and machine for grinding toothed. A. Rickenmann. 2,385,650; Sept. 25.
Gears, Producing. E. Wildhaber. 2,372,240–1; Mar. 27.
Gears, Shaving. W. S. Praeg. 2,380,261; July 10.
Gel particles, Spheroidal. M. M. Marisic. 2,384,945; Sept. 18.
Gel pellets. M. M. Marisic. 2,385,217; Sept. 18.
Gel and gelling agent. A. Weissberger and J. L. Leiserson. 2,388,887; Nov. 13.
Gelatin. C. C. Zeigler. 2,368,393; Jan. 30.
Gelatin filaments and preparation thereof. J. H. Highberger and H. J. Kersten. 2,374,201; Apr. 24.
Gelatin, Hardening of. R. H. Zappert. 2,372,873; Apr. 3.
Gelatinous hydroxides, Purification of. A. H. Riesmeyer and V. M. Stowe. 2,390,272; Dec. 4.
Gelatinous material. E. F. Christopher. 2,379,065; June 26.
Gels and composition, Producing pectinous. L. H. Evans and L. J. Huber. 2,380,739; July 31.
Gels comprising silicia. M. M. Marisic and S. Dray. 2,386,810; Oct. 16.
Generating bearing surfaces. L. I. Yeomans. 2,385,247; Sept. 18.
Generating device, Spherical surface. A. J. Holman. 2,381,449; Aug. 7.
Generating helices. J. E. Kline. 2,378,302; June 12.
Generating means, Fluid pressure. G. A. Wahlmark. 2,383,093; Aug. 21.
Generating power. F. E. Smith. 2,374,710; May 1.
Generating system, Frequency changing signal. S. Frankel. 2,380,959; Aug. 7.
Generating system, Thermoelectric. W. A. Ray. 2,377,516; June 5.
Generator: *See*—
Acetylene generator.
Alternating and direct-current generator.
Alternating current generator.
Electric high-frequency generator.
Electric vibration generator.
Electrolytic decomposing gas generator.
Gas generator.
Gear generator.
Harmonic generator.
High frequency generator.
High-pressure steam generator.
High-speed direct current generator.
Impulse generator.
Internal-combustion pressure generator.
Oil smoke generator.
Oscillation generator.
Portable oxygen-acetylene generator.
Smudge pot generator.
Sound generator.
Spring motor driven generator.
Steam generator.
Subharmonic generator.
Synchronizing generator.
Thermoelectric generator.
Vapor generator.
Voltage generator.
Water gas and producer gas generator.
Wind driven electric generator.
Generator. J. H. Blankenbuehler. 2,378,894; June 26.
Generator. H. L. Bone and J. W. Livingston. 2,374,728; May 1.
Generator. H. Y. Fisher. 2,390,877; Dec. 11.
Generator and lighter for oil heaters, Combined. J. S. Hodges. 2,375,471; May 8
Generator charged wih solid combustion fuel, Gas. K. T. Kille. 2,376,149; May 15.
Generator connection, Synchronous motor. H. A. Strickland, Jr. 2,381,373; Aug. 7.
Generator drive. E. S. MacPherson. 2,383,872; Aug. 28.
Generator drive, Two speed. G. C. Goode and E. Gonyou. 2,375,785; May 15.
Generator field, Small high-speed. H. E. Criner. 2,376,845; May 22.
Generator field structure. P. F. Scofield. 2,371,268; Mar. 13.
Generator for spectrographic analyses, Spark. H. L. Clark. 2,391,225; Dec. 18.
Generator particularly for electric phase metering, Pulse. R. Hardy. 2,374,817; May 1.
Generator regulating system. W. E. Brown. 2,375,193; May 8.
Generator regulator. E. I. Shobert, II, J. E. Diehl, and A. J. Schutz. 2,366,878; Jan. 9.
Generator set, Automatic stopping and starting. G. A. Scherry. 2,384,135; Sept. 4.
Generator, Steam. G. A. Skaggs. 2,388,345; Nov. 6.
Generator unit, Gas. C. E. Peck. 2,381,304; Aug. 7.
Generator with vibrating feed valve, Acetylene. C. F. Smith. 2,367,240; Jan. 16.
Generators for heaters and infusion strainers, Steam. J. H. Herrera. 2,371,328; Mar. 13.
Geochemical prospecting. L. Horvitz. 2,370,793; Mar. 6.
Geochemical prospecting. B. Hubbard. 2,377,062; May 29.
Geochemical prospecting. R. T. Sanderson. 2,375,949; May 15.
Geochemical prospecting system. H. E. Metcalfe. 2,374,227; Apr. 24.
Geochemical surveying. E. E. Roper. 2,374,135; Apr. 17.
Geochemical well-logging. L. Horvitz. 2,374,937; May 1.
Geological prospecting system. R. A. Peterson. 2,388,703; Nov. 13.
Geometrical instrument. E. R. Douglass. 2,382,618; Aug. 14.
Geometrical instrument. P. G. Jennings. 2,383,316; Aug. 21.
Geometrical instrument. R. S. Sink. 2,383,348; Aug. 21.
Geophysical prospecting apparatus. A. F. Hasbrook. 2,383,966; Sept. 4.
Geophysical prospecting apparatus. A. F. Hasbrook. 2,384,739; Sept. 11.
Geophysical prospecting apparatus. J. P. Minton. 2,371,973; Mar. 20.
Geophysical surveys, Making. S. R. Phelan. 2,382,093; Aug. 14.
Germicidal preparation. Z. Baker and B. F. Miller. 2,380,011; July 10.
Gin, Milkweed. B. Berkman, A. R. Bacon, and C. Weber. 2,375,187; May 8.
Girdle. C. Stone. 2,381,232; Aug. 7.
Girdle, Balloon. K. M. McLellan. 2,386,704; Oct. 9.
Gland. C. D. P. Smallpeice. 2,376,017; May 15.
Gland extracts, Obtaining. R. L. Jones. 2,388,417; Nov. 6.
Gland for stirrer shafts, Packing. F. R. Russell. 2,374,960; May 1.
Glass annealing and method. E. D. Tillyer and J. W. Ford. 2,369,189; Feb. 13.
Glass articles, Cooling. W. E. Aksomitas. 2,390,910; Dec. 11.
Glass articles, Reheating and reforming of. D. E. Gray. 2,367,495; Jan. 16.
Glass articles, Tempering. A. Quentin. 2,375,944; May 15.
Glass batch. G. J. Bair. 2,366,473; Jan. 2.
Glass, Bending. C. F. Binkert and J. E. Jendrisak. 2,377,849; June 12.
Glass blowing machine. R. G. Allen. 2,372,642; Apr. 3.
Glass-blowing machine. S. A. Forter. 2,373,820; Apr. 17.
Glass cleaner. R. M. Schlabach. 2,386,066; Oct. 2.
Glass coffee maker adjustable handle. J. H. Reichart. 2,389,740; Nov. 27.
Glass composition. R. W. Goodwin. 2,389,305; Nov. 20.
Glass composition. A. G. Pincus. 2,381,925; Aug. 14.
Glass composition, Lead. J. H. Partridge. 2,388,866; Nov. 13.
Glass composition, Safety. G. Barsky. 2,386,534; Oct. 9.
Glass cutting apparatus. J. Joss. 2,370,470; Feb. 27.
Glass electrode and method. H. H. Cary and W. P. Baxter. 2,366,489; Jan. 2.
Glass feeder. J. W. Ross. 2,390,176; Dec. 4.
Glass fibers, Manufacture of spun. P. Modigliani. 2,369,481; Feb. 13.
Glass fibers, Phenolic resin embodying. R. W. Auxier. 2,372,048; Mar. 20.
Glass forming machine. S. D. Bert. 2,378,176; June 12.
Glass forming machine. G. F. Jardine. 2,368,472; Jan. 30.

Glass forming machine. A. F. McNish. 2,376,928; May 29.
Glass forming machine. T. H. Sloan. 2,384,498; Sept. 11.
Glass-lifting device. A. L. Cohen. 2,370,938; Mar. 6.
Glass, Making. H. P. Hood. 2,386,685; Oct. 9.
Glass, Manufacture of laminated safety. J. D. Ryan. 2,386,980; Oct. 16.
Glass melting furnace. W. A. Moorshead. 2,385,529; Sept. 25.
Glass, Metalizing. C. D. Haven. 2,369,350; Feb. 13.
Glass, Method and apparatus for making. A. K. Lyle. 2,388,274; Nov. 6.
Glass, Molding. C. W. Clapp. 2,390,354; Dec. 4.
Glass, Phosphate. J. E. Stanworth. 2,390,191; Dec. 4.
Glass, Process and apparatus for producing laminated safety. W. J. Hubbard. 2,378,016; June 12.
Glass receptacle. R. C. Cobel. 2,378,355; June 12.
Glass, Reduction in reflection from. G. L. Dimmick. 2,371,611; Mar. 20.
Glass, Refining. J. W. Wright. 2,387,222; Oct. 16.
Glass screw cap. H. C. Buchman. 2,372,156; Mar. 20.
Glass sheets and the like, Separating. J. A. McCormick, Jr. 2,372,215; Mar. 27.
Glass sheets and the like, Separating. J. A. McCormick, Jr. 2,378,091; June 12.
Glass structure and producing the same, Laminated. G. B. Watkins. 2,374,056–7; Apr. 17.
Glass structures, Producing laminated. J. D. Ryan. 2,374,040; Apr. 17.
Glass supporting frame. G. Z. Minton. 2,379,244; June 26.
Glass surface and manufacturing the same, Curved. V. Walker. 2,372,535; Mar. 27.
Glass surfaces, Fortification of. F. W. Adams. 2,377,062; May 29.
Glass surfaces, Polishing of. F. W. Adams. 2,366,825; Jan. 9.
Glass tank. M. S. Tarnopol. 2,385,954; Oct. 2.
Glass, Tempering. G. White. 2,388,808; Nov. 13.
Glass tempering apparatus. J. K. Jackson. 2,372,898; Apr. 3.
Glass tempering apparatus. W. R. Wisner. 2,377,536; June 5.
Glass transparent to far ultraviolet. H. P. Hood. 2,382,056; Aug. 14.
Glass treatment process. S. J. Harris. 2,376,872; May 29.
Glass unit, Laminated. L. D. Keslar. 2,377,084; May 29.
Glass, Window. W. E. Heckman. 2,382,566; Aug. 14.
Glass working machine. D. E. Gray. 2,382,052; Aug. 14.
Glasses, Eye-protecting. H. P. Hood. 2,378,769; June 19.
Glasses, Safety. S. W. Damian. 2,368,117; Jan. 30.
Glassine paper. P. H. Cate. 2,387,429; Oct. 23.
Glassware-forming apparatus. E. Danner. 2,370,618; Mar. 6.
Glassware-forming apparatus. E. Danner. 2,390,925; Dec. 11.
Glassware-forming apparatus, Hollow. E. Danner. 2,390,926; Dec. 11.
Glassware forming machine. C. C. Kinker. 2,376,602; May 22.
Glassware spraying apparatus. A. S. Jackson and E. W. Summers. 2,369,737; Feb. 20.
Glassware working apparatus. E. E. Slick. 2,383,349; Aug. 21.
Glazier's tool, Magnetic. J. H. Cloney. 2,369,021; Feb. 6.
Glazing unit and mounting therefor, Multiple. O. H. Paddock. 2,378,031; June 12.
Glazing unit and mounting therefor, Multiple. G. B. Watkins. 2,369,382; Feb. 13.
Glazing unit and mounting therefor, Multiple. G. B. Watkins. 2,381,194; Aug. 7.
Glide path beacon. A. G. Kandoian. 2,367,680; Jan. 23.
Glider. C. F. Abel and A. I. Lodwick. 2,388,109; Oct. 30.
Glider-cradle. E. W. Worley. 2,380,355; July 10.
Glider, Crewless. L. W. Van Dusen. 2,385,392; Sept. 25.
Glider, Electrically powered. S. Bisjak. 2,368,630; Feb. 6.
Globe. J. A. Arnold. 2,379,468; July 3.
Globe construction. R. von Siegl. 2,378,115; June 12.
Globe construction, Geographical. O. A. Colberg. 2,368,347; Jan. 30.
Globe valve. C. A. Dies. 2,373,552; Apr. 10.
Glossmeter. E. C. Dench. 2,388,727; Nov. 13.
Glove. H. W. Beall. 2,373,940; Apr. 17.
Glove. R. A. Whitaker. 2,372,697; Apr. 3.
Glove, Baker's safety. A. Morton. 2,391,263; Dec. 18.
Glove, Bowling. E. D. Willard. 2,391,851; Dec. 25.
Glove construction. M. Julianelli and C. A. Julianelli. 2,386,688; Oct. 9.
Glove, Golfer's. N. B. Frost. 2,379,430; July 3.
Glove or mitten. V. H. Hurt. 2,378,773; June 19.
Glow discharge lamp. L. Goldstein and F. Perrin. 2,374,677; May 1.
Glucosides and making the same. K. Miescher, J. Heer, and W. Fischer. 2,376,443; May 22.
Glue and gelatin, Extracting. D. P. Grettie. 2,384,673; Sept. 11.
Glue-applying machine. B. S. Davis. 2,371,031; Mar. 6.
Glue applying machine, Automatic. W. J. Haessler. 2,368,759; Feb. 6.
Glue bond, Producing weather-resistant. C. N. Cone. 2,389,183; Nov. 20.
Glue feeder for veneer machines. G. M. Gustin. 2,372,894; Apr. 3.
Gluing. L. Q. Harris. 2,387,261; Oct. 23.
Gluing device, Box. C. Christiansen. 2,379,216; June 26.
Gluing machine, Heel. W. A. Thum. 2,378,256; June 12.
Gluing means for packaging machinery. A. G. Rose. 2,370,583; Feb. 27.
Gluing mechanism. C. Z. Monroe. 2,387,929; Oct. 30.
Glutamic acid hydrochloride, Preparation of. V. S. Waters. 2,380,890; July 31.
Glutamic acid, Manufacture of. C. L. Royal. 2,373,342; Apr. 10.
Glyceride oils of the unsaturated ester type, Treating. R. A. Carleton. 2,367,666; Jan. 23.
Glycerides, Treating fatty. E. E. Dreger. 2,383,596; Aug. 28.
Glycerides, Treating fatty. G. A. Glossop. 2,383,599; Aug. 28.
Glycerides, Treating fatty. W. R. Trent. 2,383,632–3; Aug. 28.
Glycerides, Treatment of fatty. G. I. Keim and J. Ross. 2,383,602; Aug. 28.
Glycerides, Treatment of fatty. J. H. Percy. 2,383,614; Aug. 28.
Glycerin, Purification of. H. E. Hoyt. 2,381,055; Aug. 7.
Glycerol fermentation process. H. M. Hodge. 2,381,052; Aug. 7.
Glycerol formed by fermentation, Purification of. J. S. Wallerstein, R. T. Alba, and E. Farber. 2,366,990; Jan. 9.
Glycerol from fermented liquors, Recovery of. R. A. Walmesley. 2,389,173; Nov. 20.
Glycerol production. E. I. Fulmer, L. A. Underkofler, and R. J. Hickey. 2,388,840; Nov. 13.
Glycerol, Recovery of. E. H. Brittain, W. P. Joshua, and J. M. Whitmarsh. 2,377,306; June 5.
Glycols, Preparation of. E. Arundale and L. A. Mikeska. 2,367,324; Jan. 16.
Glyoxal-ketone condensation products and making them. J. B. Rust. 2,388,086; Oct. 30.
Godet. H. J. McDermott. 2,388,068; Oct. 30.
Goggle. F. W. Maurer. 2,387,522; Oct. 23.
Goggle. E. A. Ring. 2,391,349; Dec. 18.
Goggle. W. J. Stevenson. 2,391,361; Dec. 18.
Goggle, Industrial. E. D. Ditto. 2,367,389; Jan. 16.
Goggle, Utility. E. A. Ring. 2,388,574; Nov. 6.
Goggles. W. Lown and C. A. Baratelli. 2,387,851; Oct. 30.
Goggles. H. M. Ditto. 2,388,635; Nov. 6.
Goggles and eyeshade, Combination. B. H. Crowther. 2,385,405; Sept. 25.
Goggles and respirator, Combined. J. S. Kish. 2,372,834; Apr. 3.
Goggles, Industrial. N. R. Marto. 2,370,807; Mar. 6.
Golf bag. H. E. Baylis. 2,368,095; Jan. 30.
Golf ball teeing device. K. Fuller. 2,370,529; Feb. 27.
Golf club. J. L. Nilson. 2,384,333; Sept. 4.
Golf club, Adjustable head. T. Bancroft. 2,381,636; Aug. 7.
Golf club carrier. J. Mitchell. 2,367,234; Jan. 16.
Golf club, Practice. L. A. Benecke. 2,388,463; Nov. 6.
Golf club, Vari-position. J. W. Hill. 2,386,552; Oct. 9.
Golf playing apparatus. W. A. Smith. 2,379,663; July 3.
Golf target. T. E. Watson. 2,374,906; May 1.
Golf tee. B. A. Coffin. 2,391,392; Dec. 25.
Goniometer construction. H. G. Busignies and A. G. Richardson. 2,379,422; July 3.
Goods processing machine, Continuous piece. W. M. Wentz. 2,369,696; Feb. 20.
Governing apparatus. A. F. Schwendner. 2,390,740; Dec. 11.
Governing means. F. C. Reggio. 2,384,340; Sept. 4.
Governing mechanism. L. A. Gore. 2,367,209; Jan. 16.
Governing mechanism. F. G. Philo. 2,368,567; Jan. 30.
Governor. A. N. Blazer. 2,378,178; June 12.
Governor. I. R. Bourland and A. A. Heavener. 2,371,793; Mar. 20.
Governor. G. F. Drake. 2,371,157; Mar. 13.
Governor. H. C. Edwards. 2,372,179; Mar. 27.
Governor. A. F. Hoppe. 2,372,274; Mar. 27.
Governor. A. Kalin. 2,378,558; June 19.
Governor. A. Kalin. 2,379,304; June 26.
Governor. M. Mallory. 2,368,995; Feb. 6.
Governor. E. Olson. 2,367,606; Jan. 16.
Governor adjusting mechanism. G. F. Drake. 2,374,083; Apr. 17.
Governor adjusting mechanism. H. M. Greenman. 2,380,963; Aug. 7.
Governor and ignition system for internal-combustion engines, Combination. M. Mallory. 2,381,611; Aug. 7.
Governor apparatus. M. Gottlieb. 2,385,201; Sept. 18.
Governor, Automatic compensating centrifugal. W. E. Benjamin. 2,369,426; Feb. 13.
Governor, Centrifugal. D. Gardner. 2,368,822; Feb. 6.
Governor, Centrifugal. K. L. Jensen. 2,374,434; Apr. 24.
Governor, Centrifugal speed. H. Zieboiz. 2,376,844; May 22.
Governor, Centrifugally operated engine speed. R. C. Cross. 2,376,665; May 22.

Governor controlled throttle, Compensating. F. D. Biddle. 2,370,224; Feb. 27.
Governor device, Centrifugally controlled. A. S. Howell. 2,382,228; Aug. 14.
Governor, Engine. M. Mallory. 2,381,550; Aug. 7.
Governor for gramophones, Speed. S. G. Faik. 2,375,639; May 8.
Governor for internal-combustion engine, Speed. L. Langhaar. 2,375,479; May 8.
Governor for internal-combustion engines. M. Mallory. 2,377,356; May 29.
Governor for internal-combustion engines. M. Mallory. 2,381,131; Aug. 7.
Governor for internal-combustion engines. M. Mallory. 2,386,699; Oct. 9.
Governor for internal-combustion engines, Mechanical. W. E. Armstrong. 2,382,952; Aug. 21.
Governor mechanism. J. H. Holloway. 2,373,684; Apr. 17.
Governor mechanism. T. B. Martin. 2,375,429; May 8.
Governor sleeve dislodging and removing tool. W. G. Smith. 2,375,391; May 8.
Governor, Speed. C. R. Beall. 2,388,946; Nov. 13.
Governor, Speed. G. V. Jefferson and S. E. Gillespie. 2,372,479; Mar. 27.
Governor, Steam trap. B. Swift. 2,390,749; Dec. 11.
Governor, Wind impeller. J. Prince. 2,384,767; Sept. 11.
Gown, Patient's. A. E. Boettcher. 2,374,643; May 1.
Grab. A. J. G. Watson. 2,372,347; Mar. 27.
Grabhook. A. L. Stahl. 2,366,157; Jan. 2.
Grab used for boring wells. P. J.-M. T. Allard. 2,390,047; Dec. 4.
Grade indicator. A. P. Gubrud. 2,379,350; June 26.
Grader or sizer. F. Hodecker. 2,370,539; Feb. 27.
Grading and sacking device. E. A. Ernst. 2,377,619; June 5.
Grading machine. A. G. B. Metcalf. 2,367,685; Jan. 23.
Grading machine. D. Wheeler. 2,386,579; Oct. 9.
Gradometer. A. R. Peer. 2,374,124; Apr. 17.
Graffite molds and the like, Manufacture of. J. Hueberger. 2,370,250; Feb. 27.
Grain, Decorticating. V. Rakowsky and J. R. Reid. 2,379,184; June 26.
Grain developers, Fine. R. W. Henn and J. I. Crabtree. 2,376,141; May 15.
Grain drill. J. H. Starr. 2,383,693; Aug. 28.
Grain loader. E. S Rensch. 2,378,658; June 19.
Grain, Milling. V. Borsakovsky. 2,379,677; July 3.
Grain products, Manufacturing. T. Earle. 2,366,711; Jan. 9.
Grain shape control in killed deep drawing materials. R. S. Burns and A. S. McCabe. 2,381,435; Aug. 7.
Graining machine. H. W. Mackey. 2,382,324; Aug. 14.
Granular materials, Washing of. F. Trostler, V. Water, W. R. Skelton, and L. O. Henschel. 2,380,881; July 31.
Granulated material, Colored. C. L. Jewett. 2,379,358; June 26.
Granulating and cutting machine. F. M. Roddy. 2,381,775; Aug. 7.
Granulating apparatus. N. A. Harrison. 2,366,619; Jan. 2.
Grapple. D. H. Mitchell. 2,378,570; June 19.
Grapple. O. Monaco. 2,370,411; Feb. 27.
Grapple. H. V. Pertuit. 2,387,406; Oct. 23.
Grapple. R. J. Williams. 2,367,252; Jan. 16.
Grapple to raise sunken ships or the like. L. D. Richard. 2,374,134; Apr. 17.
Grass catching apparatus. H. H. Packwood. 2,390,321; Dec. 4.
Grass composition for producing a potable brew. W. R. Graham, Jr., and E. E. Frye. 2,376,049; May 15.
Grass drying apparatus. J. E. Newman. 2,381,076; Aug. 7.
Grate. R. L. Beers. 2,384,433; Sept. 11.
Grate bar. W. C. Dilg. 2,372,260; Mar. 27.
Grate construction, Shaker. C. V. Carroll. 2,377,209; May 29.
Grate, Emergency. R. C. Cross. 2,380,630; July 31.
Grate, Fire. W. L. Sharpe. 2,391,518; Dec. 25.
Grate, Furnace. G. A. Kohout. 2,380,452; July 31.
Grate mechanism for automatic stokers. F. O. Wallene. 2,370,274; Feb. 27.
Grate, Protecting. C. R. Davison. 2,370,343; Feb. 27.
Grate structure, Furnace. J. F. Masters. 2,366,924; Jan. 9.
Grate-supporting structure. C. A. Sleicher. 2,381,781; Aug. 7.
Grater, Potato. N. E. Kirkland. 2,376,603; May 22.
Grating. R. A. Prince. 2,377,648; June 5.
Grating. E. L. Tarof. 2,390,194; Dec. 4.
Grating machine. D. P. Moore. 2,376,376; May 22.
Grating structures, Treatment of. H. S. Nagin. 2,382,896; Aug. 14.
Grating, Welded. W. C. Heath. 2,384,303; Sept. 4.
Grave marker. G. K. Guenther. 2,383,787; Aug. 28.
Grave set. R. Y. Wolfe. 2,376,107; May 15.
Gravel grading device. J. B. Christman, Jr. 2,370,717; Mar. 6.
Gravimeter null indicator. P. H. James. 2,367,126; Jan. 9.
Gravity actuated switch. L. L. Rice. 2,383,889; Aug. 28.
Gravity-fed coal furnace. H. C. Edwards. 2,374,808; May 1.
Gravity meter. R. C. Sweet. 2,383,997; Sept. 4.
Gravity separator. M. E. Haworth. 2,374,865; May 1.
Gravity testing device, Specific. I. R. Wilbar. 2,367,080; Jan. 9.
Grease. F. E. Woodward and J. W. Arkis. 2,369,705; Feb. 20.
Grease, Barium calcium magnesium stearate. F. A. Leyda. 2,389,523; Nov. 20.
Grease composition. J. C. Zimmer and A. J. Morway. 2,378,818; June 19.
Grease composition, Lubricating. J. C. Zimmer and A. J. Morway. 2,374,966; May 1.
Grease composition, Lubricating. J. C. Zimmer and A. J. Morway. 2,380,893; July 31.
Grease manufacturing apparatus. H. G. Smith. 2,367,149; Jan. 9.
Greaseproof composition. W. E. Hatch and J. H. Rollins. 2,367,678; Jan. 23.
Greaseproof folding box. D. Levkoff. 2,368,553; Jan. 30.
Grease, Protective. J. D. Morgan and R. E. Lowe. 2,383,148; Aug. 21.
Grease seal, Floating. J. B. Sperry. 2,379,547; July 3.
Grease trap. C. Arndt. 2,383,436; Aug. 28.
Greases and apparatus therefor, Preparation of lubricating. A. Beerbower and J. C. Zimmer. 2,374,913; May 1.
Greases, Constant viscosity. J. D. Morgan. 2,376,312; May 15.
Greases from grease bases, Manufacture of. W. H. Shields. 2,381,314; Aug. 7.
Greases, Lithium base. J. D. Morgan. 2,390,450; Dec. 4.
Greases, Low temperature. J. D. Morgan. 2,383,147; Aug. 21.
Greases, Lubricating. J. D. Morgan and R. E. Lowe. 2,375,485; May 8.
Greenhouse construction. M. P. Anderson. 2,384,719; Sept. 11.
Grenade. C. F. Shaffer. 2,378,735; June 19.
Grenade. J. D. Steel. 2,372,689; Apr. 3.
Grenade body, Hand. J. J. Blum. 2,385,398; Sept. 25.
Grenade, Hand. J. B. Campbell. 2,377,207; May 29.
Grenade launcher. P. B. Rutherford and D. R. Luster. 2,390,738; Dec. 11.
Grenade releasing apparatus. J. D. Steel. 2,379,383; June 26.
Grenade thrower. C. Bustamante. 2,382,540; Aug. 14.
Grenade thrower. B. Walker. 2,367,249; Jan. 16.
Grid. C. M. Rively. 2,367,615; Jan. 16.
Grid, Electric resistance. L. Satchwell. 2,386,065; Oct. 2.
Grid for ice trays. R. L. Hallock. 2,378,845; June 19.
Grid pasting machine. A. D. Lund. 2,375,424; May 8.
Grid, Plastic ice tray. T. W. Rundell. 2,386,979; Oct. 16.
Grid structure for ice trays. L. J. Amore. 2,388,378; Nov. 6.
Grid trimmer. H. C. Winkel. 2,375,717; May 8.
Grids for electron discharge devices, Producing. J. W. Ekstedt and A. F. Pityo. 2,379,135; June 26.
Griddle construction. E. A. Jones. 2,370,863; Mar. 6.
Grill. A. L. Greenlaw. 2,381,345; Aug. 7.
Grill, Cooking. E. W. Perry. 2,384,847; Sept. 18.
Grill, Cooking. E. H. Trick. 2,372,751; Apr. 3.
Grinder. O. J. Feight. 2,379,957; July 10.
Grinder. A. Michailoff. 2,388,172; Oct. 30.
Grinder. E. C. Styberg. 2,367,069; Jan. 9.
Grinder. C. A. Wiken. 2,374,716; May 1.
Grinder and tool dresser, Combination. C. S. Rose. 2,389,871; Nov. 27.
Grinder, Centerless. H. Koplin, A. R. Slate, and D. A. Haunoet. 2,375,306; May 8.
Grinder machine, Rotor. L. Tilmer. 2,385,445; Sept. 25.
Grinder, Piston ring. R. F. Flora. 2,385,979; Oct. 2.
Grinder, Plow disk. H. A. Moore. 2,386,563; Oct. 9.
Grinder, Rail. A. D. McWhorter. 2,369,636; Feb. 20.
Grinder, Single rail. H. H. Talboys and H. E. Erickson. 2,378,512; June 19.
Grinder, Surface and contour. A. Pizzigoni. 2,375,323; May 8.
Grinder, Thread. A. F. Markus. 2,388,064; Oct. 30.
Grinder, Valve. W. E. White. 2,371,938; Mar. 20.
Grinder, Valve. J. A. Williams, Sr. 2,373,522; Apr. 10.
Grinding. A. N. Emmons. 2,367,107; Jan. 9.
Grinding and condiment admixing machine, Meat. J. T. Brubaker. 2,377,069; May 29.
Grinding and etching, Crystal. H. F. Fruth. 2,387,142; Oct. 16.
Grinding and lapping machine. E. J. Bullard. 2,391,388; Dec. 25.
Grinding and polishing booth, Magnesium castings. E. F. Fisher. 2,384,991; Sept. 18.
Grinding apparatus. R. V. Hanchett. 2,371,582; Mar. 13.
Grinding attachment for lathes. R. A. Schramm. 2,380,335; July 10.
Grinding, cutting or boring machine. H. Frauenthal and H. M. Lochrane. 2,374,928; May 1.
Grinding device. L. M. Holtz. 2,384,917; Sept. 18.
Grinding, Face. H. P. Troendly and F. Bares. 2,375,333; May 8.
Grinding fixture for cutters. A. Ringselli. 2,379,594; July 3.
Grinding, lapping, or polishing machine for diamonds or other crystal and the like. F. C. Jearum. 2,374,751; May 1.
Grinding machine. W. G. Baldenhofer. 2,378,903; June 26.

Grinding machine. G. W. Binns and F. J. Theler. 2,377,921; June 12.
Grinding machine. W. J. Bryant. 2,378,127; June 12.
Grinding machine. W. M. Bura. 2,375,619–20; May 8.
Grinding machine. W. M. Bura. 2,381,034; Aug. 7.
Grinding machine. R. H. Cramer. 2,379,281; June 26.
Grinding machine. R. H. Cramer. 2,386,382; Oct. 9.
Grubbing machine. R. O. Couch. 2,379,280; June 26.
Grinding machine. J. Decker and H. Ernst. 2,367,758; Jan. 23.
Grinding machine. J. Decker and B. A. Kearns. 2,376,236; May 15.
Grinding machine. J. Decker and A. D. C. Stuckey. 2,367,759; Jan. 23.
Grinding machine. J. Decker and A. D. C. Stuckey. 2,376,237; May 15.
Grinding machine. R. E. Flanders. 2,371,685; Mar. 20.
Grinding machine. C. G. Flygare. 2,381,123; Aug. 7.
Grinding machine. C. G. Flygare and F. A. Helstrom. 2,366,506; Jan. 2.
Grinding machine. O. E. Gaudreau and H. Michelsen. 2,386,850; Oct. 16.
Grinding machine. P. H. Hutchinson. 2,380,761; July 31.
Grinding machine. F. C. Jearum. 2,386,687; Oct 9.
Grinding machine. A. B. MacNeill. 2,386,742; Oct. 9.
Grinding machine. L. E. Mehlhope and E. D. Vancil. 2,368,315; Jan. 30.
Grinding machine. W. W. Perkins and E. A. Salem. 2,373,336; Apr. 10.
Grinding machine. L. B. and R. H. Portman and F. J. Acton. 2,370,813; Mar. 6.
Grinding machine. E. Schottland. 2,371,552; Mar. 13.
Grinding machine. W. A. Shanley. 2,372,341; Mar. 27.
Grinding machine. W. G. Wessman. 2,389,224; Nov. 20.
Grinding machine. C. R. Williams. 2,375,604; May 8.
Grinding machine. S. E. Woodbury. 2,370,701; Mar. 6.
Grinding machine. S. E. Woodbury. 2,390,978; Dec. 11.
Grinding machine and grinding. F. J. Theler, G. W. Binns, and J. Decker. 2,377,982; June 12.
Grinding machine control. M. De Young. 2,378,066; June 12.
Grinding machine, Generative. E. W. Miller. 2,388,173; Oct. 30.
Grinding machine, Surface. H. A. Silven. 2,387,044; Oct. 16.
Grinding machine, Thread. G. Brinkmann. 2,389,590; Nov. 27.
Grinding machine, Thread. F. Turrettini. 2,380,883; July 31.
Grinding machine, Tool. J. F. Pagendarm. 2,387,463; Oct. 23.
Grinding machine, Tool. K. Zwick. 2,368,342; Jan. 30.
Grinding material. F. Swanson and E. I. Erikson. 2,390,967; Dec. 11.
Grinding mechanism, Releasably interlocked. N. Obedin. 2,375,680; May 8.
Grinding method and apparatus. H. F. Fruth. 2,387,138; Oct. 16.
Grinding mill. J. R. Hall. 2,389,505; Nov. 20.
Grinding mill. M. M. Spanel. 2,389,242; Nov. 20.
Grinding mills, Feeding material to. H. Hardinge. 2,381,351; Aug. 7.
Grinding or abrading machine. H. Moreland. 2,391,733; Dec. 25.
Grinding or polishing machine and contact roller therefor. A. H. Losey. 2,378,643; June 19.
Grinding or polishing machine, Automatic turret. G. A. Carlson. 2,377,992; June 12.
Grinding piezoelectric crystals, Method and apparatus for finish. H. F. Fruth. 2,387,140; Oct. 16.
Grinding small objects. H. F. Fruth. 2,387,135; Oct. 16.
Grinding small objects, Method and apparatus for edge. H. F. Fruth. 2,387,136; Oct. 16.
Grinding surfaces for charge containers, Making. H. H. Wolff. 2,381,413; Aug. 7.
Grinding wheel dressing. J. H. Findlater. 2,367,857; Jan. 23.
Grinding wheel mounting. R. H. Lombard. 2,388,697; Nov. 13.
Grip, Firing. J. M. Colby. 2,383,471; Aug. 28.
Grip, Ground. C. L. Fills. 2,390,929; Dec. 11.
Grip hanger. J. Halpert and E. Lambert. 2,385,076; Sept. 18.
Grip selectors for bowlers. S. M. Bloomberg. 2,377,067; May 29.
Gripper mechanism, Printing press. C. A. Harless. 2,378,478; June 19.
Gripper mechanism, Printing press. E. W. Worthington. 2,376,523; June 19.
Gripper, Pipe and tubing. G. L. Werling. 2,378,454; June 19.
Gripping device. F. J. Beech. 2,389,756; Nov. 27.
Gripping or cutting tool. S. A. Drmic. 2,384,822; Sept. 18.
Gripping tool. J. B. Zimdars. 2,390,570; Dec. 11.
Grizzly and screen for grading materials. W. Ross. 2,367,964; Jan. 23.
Grommet, Shell. W. J. Friderici. 2,391,403; Dec. 25.
Groove centering device, Connector ring. F. R. Harris. 2,378,550; June 19.
Ground gripping for gun mounts. J. M. J. Riboud. 2,379,991; July 10.
Ground signal projector. C. W. Gilligan. 2,369,142; Feb. 13.
Ground station for air pickups. S. C. Plummer. 2,367,607; Jan. 16.
Ground working device. R. A. Norton. 2,373,080; Apr. 3.
Group-call telephone system. G. Kiner. 2,374,357; Apr. 24.
Guanamines, Hydroxy-substituted aryl. J. T. Thurston. 2,386,517; Oct. 9.
Guanamines in textile finishing. J. T. Thurston. 2,385,766; Sept. 25.
Guanidine pentachlorphenate. V. Migrdichian. 2,377,167; May 29.
Guard: *See*—
Saw guard.
Guard, Adjustable window. J. F. Smith. 2,391,201; Dec. 18.
Guard and drill bit holding jaw guard combined, Chuck sleeve gear. G. I. Henson. 2,376,432; May 22.
Guard, Baby's bed. M. N. Redman. 2,371,844; Mar. 20.
Guard, Bearing. J. S. Caruthers. 2,383,531; Aug. 28.
Guard construction, Gravel. F. S. King. 2,367,824; Jan. 23.
Guard, Dust. D. D. Bryant. 2,391,121; Dec. 18.
Guard, Eye. G. F. Smyth. 2,378,508; June 19.
Guard, Finger. J. B. Chisnell. 2,379,624; July 3.
Guard for combing machines for combing textile fibers. D. Pierrepont. 2,373,411; Apr. 10.
Guard for emery wheels and the like. A. and A. J. Flohr. 2,374,988; May 1.
Guard for emery wheels and the like. A. and A. J. Flohr. 2,384,243; Sept. 4.
Guard for eyeglasses, Nose. M. D'Orsay. 2,390,523; Dec. 11.
Guard for interrupted cylinders, Safety. W. J. Pirie. 2,366,930; Jan. 9.
Guard for journal boxes, Dust. C. M. Hannaford. 2,372,720; Apr. 3.
Guard for rimless eyeglasses, Adjustable and removable. W. Brown. 2,369,527; Feb. 13.
Guard for watches, Perspiration. M. Bloth. 2,367,091; Jan. 9.
Guard for winding machines. C. F. Fitzgerald. 2,370,785; Mar. 6.
Guard for window or door openings. W. B. Rood. 2,369,493; Feb. 13.
Guard, Lamp. N. R. Schwartz. 2,376,316; May 15.
Guard, Open window. E. L. Hoffmann. 2,387,025; Oct. 16.
Guard or baffle for fuel tanks. C. B. Breedlove. 2,372,545; Mar. 27.
Guard, Pants. G. C. Moore, Sr. 2,384,255; Sept. 4.
Guard plate, Safety razor. W. F. Sonnenfeld. 2,379,386; June 26.
Guard, Press. J. B. Magin. 2,382,494; Aug. 14.
Guard, Punch press. R. R. Hodges. 2,382,316; Aug. 14.
Guardrail clamp. H. R. Akers. 2,385,248; Sept. 18.
Guard, Rodent. J. F. Bowman. 2,381,569; Aug. 7.
Guard, Stud bolt. W. E. Rogers. 2,368,570; Jan. 30.
Guard, Tool. D. F. Jorgensen. 2,367,945; Jan. 23.
Guide: *See*—
Drawer guide.
Guide and safety latch, Card. J. A. Dell. 2,377,407; June 5.
Guide and support, Sash. O. H. Courson. 2,375,974; May 15.
Guide attachment for paper feed trays, Adjustable step. C. M. Chatterton. 2,378,185; June 12.
Guide, Aviation control. R. W. Brown. 2,381,391; Aug. 7.
Guide, Blind. O. E. Edstrom. 2,379,426; July 3.
Guide, Cable. W. A. Pollack. 2,385,939; Oct. 2.
Guide, Cone winder. W. T. Stearn. 2,390,669; Dec. 11.
Guide, Drawer. C. A. Lindberg and R. W. Skinner. 2,373,696; Apr. 17.
Guide, Drill. C. L. Beard. 2,383,953; Sept. 4.
Guide, Drill. H. M. Kennard. 2,382,639; Aug. 14.
Guide, Filamentary. L. K. Spangler. 2,369,809; Feb. 20.
Guide for applying insulation to conductors. B. J. Barmack. 2,372,645; Apr. 3.
Guide for cable tool drills, Tool. G. R. Watson. 2,386,281; Oct. 9.
Guide for drill steels. R. D. Zimmerman. 2,368,511; Jan. 30.
Guide for glass and the like fibers. D. Kleist. 2,373,078; Apr. 3.
Guide for sewing machines, Automatically adjustable edge. W. Kneissler. 2,370,547; Feb. 27.
Guide for template drilling, Drill. J. Basta. 2,370,770; Mar. 6.
Guide for the transmission of electric waves. J. C. Quayle. 2,374,498; Apr. 24.
Guide for the transmission of electric waves. J. C. Quayle. 2,381,367; Aug. 7.
Guide, Matrix. G. J. Koch and R. P. Leavitt. 2,384,626; Sept. 11.
Guide, Picker stick. E. C. Nichols. 2,379,589; July 3.
Guide, Rod. W. J. Heard. 2,389,906; Nov. 27.
Guide, Saw filing. I. L. Church. 2,376,031; May 15.
Guide-separator, Filing cabinet. I. R. Cornish. 2,368,349; Jan. 30.
Guide signaling, Dielectric. W. W. Hansen and R. H. Varian. 2,375,223; May 8.
Guide thread. F. A. Decker, Jr. 2,388,239; Nov. 6.

Guide, Tow. S. C. Nelson. 2,377,173; May 29.
Guide, Typewriter ribbon. N. Cordis. 2,386,439; Oct. 9.
Guide, Winch cable. W. L. Stover. 2,380,801; July 31.
Guide, Window. J. H. Roethel. 2,379,923–7; July 10.
Guiding means for grinding drills. A. C. Moorefield. 2,387,459; Oct. 23.
Guiding mechanism, Overhead door. C. Buehner. 2,375,437; May 15.
Gum for paints and varnishes, Synthetic. H. L. Gerhart and L. M. Adams. 2,390,530; Dec. 11.
Gum package. W. B. Ranney. 2,380,367; July 10.
Gum solutions, Treating. H. T. Leo, C. C. Taylor, and J. W. Lindsey. 2,380,115; July 10.
Gums, Dispersion of. B. F. Buchanan. 2,276,656; May 22.
Gun. S. Brand. 2,379,784; July 3.
Gun. J. M. Grigg. 2,372,568; Mar. 27.
Gun. O. S. McArthur. 2,391,636; Dec. 25.
Gun. O. O. Sunderland. 2,387,691; Oct. 23.
Gun. A. Vang. 2,387,199; Oct. 16.
Gun. F. W. Woodhull. 2,371,012; Mar. 6.
Gun adapter, Hand grenade. H. J. Fanger. 2,368,064; Jan. 23.
Gun aligning device. W. S. Spigelsky. 2,381,010; Aug. 7.
Gun and operating mechanism therefor, Calking. F. C. Good. 2,367,346–7; Jan. 16.
Gun and projectile therefor, Long range. W. P. Hunsdorf. 2,386,686; Oct. 9.
Gun assembly. R. L. McMullen. 2,380,773; July 31.
Gun, Automatic. D. S. Bell and O. R. Wikander. 2,370,435; Mar. 6.
Gun, Automatic. M. M. Johnson, Jr. 2,383,487; Aug. 28.
Gun battery. J. C. Trotter. 2,371,324; Mar. 13.
Gun, Blast. W. L. Keefer. 2,369,576; Feb. 13.
Gun, Blow. N. Koehn. 2,369,356; Feb. 13.
Gun carriage. W. Rossmanith. 2,376,849; May 22.
Gun carrier. H. D. Stevens. 2,367,837; Jan. 23.
Gun charger. A. C. Wall. 2,389,943; Nov. 27.
Gun cocking device. C. E. Johnson and C. R. Elliott. 2,386,601; Oct. 16.
Gun control apparatus. G. E. Barnhart. 2,373,990; Apr. 17.
Gun emplacement, Lateral aircraft. W. W. Eaton. 2,377,673; May 29.
Gun emplacement, Mobile. C. L. Hervey. 2,389,623; Nov. 27.
Gun, Experimental. L. R. Jackson. 2,377,425; June 5.
Gun feed mechanism. R. J. Reek. 2,379,185; June 26.
Gun firing interrupter. N. F. Walle, Sr., H. M. Maynard and L. A. Kepler. 2,378,670; June 19.
Gun firing means. P. W. Martin. 2,370,909; Mar. 6.
Gun, Gas. A. T. Escobar. 2,384,733; Sept. 11.
Gun, Grease. S. F. Cserner. 2,388,391; Nov. 6.
Gun, Machine. W. B. Ruger. 2,388,291; Nov. 6.
Gun mechanism. O. Horsrud. 2,376,358; May 22.
Gun mechanism. H. Schirokauer. 2,378,331; June 12.
Gun mount. J. M. Colby. 2,370,148; Feb. 27.
Gun mount, Electrically actuated. S. E. McFarland. 2,377,691; May 29.
Gun mount, Quick detachable. C. G. Trimbach and P. M. Birk. 2,378,260; June 12.
Gun mounting. L. Motley. 2,366,642; Jan. 2.
Gun mounting system for turrets. J. A. Vaughan. 2,378,050; June 12.
Gun mounting with periscopic articulated gun sight. W. B. Klemperer and G. Tharratt. 2,366,410; Jan. 2.
Gun of the wire feed type, Metal spray. A. P. Shepard and H. S. Ingham. 2,381,931; Aug. 14.
Gun perforator. M. Schlumberger. 2,381,081; Aug. 7.
Gun port mounting. A. H. Heineman. 2,379,710; July 3.
Gun, Portable grease. H. N. Durham and P. M. Carter. 2,366,145; Jan. 9.
Gun, Rapid-fire. S. L. Hansen. 2,374,816; May 1.
Gun, Rocket. E. F. Chandler. 2,380,024; July 10.
Gun, Rotary jet. E. N. Washburn. 2,382,685; Aug. 14.
Gun sight. W. J. A. Bailey. 2,374,722; May 1.
Gun sight. W. J. A. Bailey and C. E. Whiteman. 2,386,420; Oct. 9.
Gun sight. C. C. Loomis. 2,377,704; June 5.
Gun sight. E. G. Reising. 2,389,326; Nov. 20.
Gun sight. H Trask. 2,373,984; Apr. 17.
Gun sight mounting. D. J. Crawford. 2,390,516; Dec. 11.
Gun sight, Offset. H. O. Eliane. 2,367,342; Jan. 16.
Gun sight, Optical. C. J. Harasta. 2,382,631; Aug. 14.
Gun sighting device. C. C. Bell and W. V. Goodhue. 2,390,980; Dec. 18.
Gun silencer. R. B. Bourne. 2,375,617; May 8.
Gun, Spray. V. R. Gersmehl. 2,368,536; Jan. 30.
Gun, Spray. H. A. Roselund. 2,371,546; Mar. 13.
Gun stabilizing apparatus. L. B. Lynn. 2,381,161; Aug. 7.
Gunstock forming machine. D. B. and D. N. Salstrom. 2,382,102; Aug. 14.
Gun, Stream-or-spray. A. J. Kuns. 2,369,357; Feb. 13.
Gun, Trap. V. L. Wintersteen. 2,377,658; June 5.
Gun turret. R. B. Lord. 2,373,127; Apr. 10.
Gun turret. G. W. Pontius, III, and R. J. Reek. 2,389,947; Nov. 27.
Gun turret. P. B. Scott, A. G. Rose, and S. Curtis. 2,370,455; Feb. 27.
Gun with convertible nozzle, Flushing. C. A. Kiggins. 2,366,969; Jan. 9.
Gunnery. F. G. Gunn and E. Hague. 2,373,024; Apr. 3.
Gunnery practice device. T. O. R. Dahlberg and K. M. Vigborg. 2,382,777; Aug. 14.
Guns and correcting gun-sights, Method of and apparatus for testing. LeR. B. Fraser and E. D. Lambert. 2,378,545; June 19.
Gutter hanger. M. Felder. 2,389,494; Nov. 20.
Guy line equipment for tents. O. E. Mahaffey. 2,385,716; Sept. 25.
Gymnastic apparatus for mobilizing stiff joints. G. R. Zander. 2,387,966; Oct. 30.
Gynecologic instrument. M. Salvin. 2,376,193; May 15.
Gypsum casts, Preparing. L. A. Daley. 2,366,673; Jan. 2.
Gyratory and other motions to flexible tubular members, Imparting. B. Forman. 2,381,213; Aug. 7.
Gyro caging device. S. Gabrielson. 2,366,721; Jan. 9.
Head motion for reciprocating conveying motions. G. A. Overstrom. 2,366,980; Jan. 9.
Gyro caging device. P. A. Noxon. 2,369,845; Feb. 20.
Gyro, Directional. B. C. Carlson. 2,378,829; June 19.
Gyro caging mechanism. A. M. MacCallum and P. A. Noxon. 2,383,663; Aug. 28.
Gyro erecting mechanism. V. R. Kimball. 2,370,904; Mar. 6.
Gyro instrument. S. Kellogg, 2nd. 2,384,838; Sept. 18.
Gyro magnetic compass controlling means. F. D. Braddon. 2,375,764; May 15.
Gyroscope. C. R. Hanna, S. J. Mikina, and L. B. Lynn. 2,389,775; Nov. 27.
Gyroscope. H. E. Whatley. 2,368,058; Jan. 23.
Gyroscope, Bottom heavy. F. W. Meredith. 2,380,538; July 31.
Gyroscopes, Controlling means for. W. H. Newell. 2,383,409; Aug. 21.
Gyroscopic angular velocity indicator. L. N. Schwien. 2,380,079; July 10.
Gyroscopic apparatus. R. J. White. 2,386,176; Oct. 9.
Gyroscopic instrument. F. D. Braddon. 2,385,342; Sept. 25.
Gyroscopic instrument. H. Künser. 2,367,465; Jan. 16.
Gyroscopic instrument and indicator therefor. P. G. Holt. 2,368,221; Jan. 30.
Gyroscopic navigational instrument. F. W. Meredith. 2,366,543; Jan. 2.
Gyro-vertical. T. O. Mehan. 2,378,858; June 19.
Gyro-vertical. T. O. Mehan. 2,384,761; Sept. 11.
HCN and catalyst therefor, Synthesis of. H. D. Green. 2,381,344; Aug. 7.
Hair curler. W. S. Dickerson. 2,380,154; July 10.
Hair curler. B. Rubin. 2,376,385; May 22.
Hair curler clip. H. H. McDonald. 2,375,935; May 15.
Hair, Curling. V. R. Pileggi. 2,377,808; June 5.
Hair curling apparatus. R. Klein. 2,374,291; Apr. 24.
Hair curling device. N. G. Morton. 2,383,612; Aug. 28.
Hair net. S. Loewensohn. 2,372,330; Mar. 27.
Hairpin. C. O. Bergstrom. 2,388,381; Nov. 6.
Hair spring container. C. O. Dorau. 2,375,088; May 1.
Hairspring mounting. W. O. Bennett, Jr., and E. W. Drescher. 2,379,780; July 3.
Hair treatment. J. B. Calva. 2,390,073; Dec. 4.
Hair waving appliance. A. La Torraca. 2,374,943; May 1.
Hair waving device. V. S. Graham. 2,377,877; June 12.
Half cell with thermal barrier. J. B. Godshalk. 2,387,727; Oct. 30.
Halide and making it, Monocyclic monoolefine cuprous. L. C. Morris. 2,386,256; Oct. 9.
Halide from halogenated hydrocarbons, Splitting-off of hydrogen. M. Mugdan and D. H. R. Barton. 2,378,859; June 19.
Halide reaction and product, Dioxolane-acid. W. F. Gresham. 2,377,878; June 12.
Halide recovery, Hydrogen. T. W. Evans, H. D. V. Finch and G. W. Hearne. 2,374,476; Apr. 24.
Halides, Controlled oxidation of unsaturated. H. de V. Finch and S. A. Ballard. 2,373,240; Apr. 10.
Halides, Converting organic. D. E. Blumer. 2,389,231; Nov. 20.
Halides, Organosilicon. M. M. Sprung and W. F. Gilliam. 2,380,998; Aug. 7.
Halides, Preparation of alicyclic-alkyl. R. P. Perkins. 2,377,714; June 5.
Halides, Preparation of organosilicon. E. G. Rochow. 2,380,995; Aug. 7.
Halides, Preparation of organo-silicon. E. G. Rochow and W. I. Patnode. 2,380,996; Aug. 7.
Halides, Preparation of organosilicon. M. M. Sprung and W. F. Gilliam. 2,380,999; Aug. 7.
Halides, Production of. R. W. Grimble. 2,385,505; Sept. 25.
Halides, Recovery of boron. W. N. Axe. 2,377,396; June 5.
Halides, Recovery of copper. J. L. Amos. 2,384,361; Sept. 4.
Halobutenes, Stabilization of. R. C. Morris and E. C. Shokal. 2,376,075; May 15.
Halocetyl halides, Making. C. W. Theobald. 2,378,048; June 12.
Halogen-containing compounds, Manufacture of unsaturated. O. W. Cass. 2,379,414; July 3.
Halogen substituted acylamino sulphonic acids of the aromatic series and their manufacture. H. Martin, H. H. Zaeslin, R. Hirt, C. Glatthaar, and A. Staub. 2,376,930; May 29.
Halogenated composition. F. M. Clark. 2,375,624; May 8.

Halogenated compounds, Manufacture of unsaturated. O. W. Cass. 2,374,923; May 1.
Halogenated organosilicon compounds. W. I. Patnode and R. W. Schiessler. 2,381,000; Aug. 7.
Halogenation. W. Y. Agnew and S. S. Cole. 2,378,675; June 19.
Halogenation. C. N. Zellner. 2,370,342; Feb. 27.
Halogeno-ketones. W. E. Boon. 2,370,392; Feb. 27.
Halosteroids and preparation of the same. R. E. Marker and H. M. Crooks, Jr. 2,369,065; Feb. 6.
Hammer: *See*—
Electric hammer.
Hammer. G. W. Maxey. 2,369,790; Feb. 20.
Hammer for hammer mills, Double. J. G. Bryant, Jr. 2,384,531; Sept. 11.
Hammer, Magazine. E. Krantz. 2,375,419; May 8.
Hammer, Mechanical. C. H. Gubbins. 2,385,439; Sept. 25.
Hammer mill. H. M. Johnston. 2,376,361; May 22.
Hammer mill. H. E. Korum. 2,379,360; June 26.
Hammermill for stock feed. G. D. Arnold. 2,367,179; Jan. 16.
Hammer, Peening. S. Kotowicz. 2,390,795; Dec. 11.
Hammer, Utility. E. N. Kindland. 2,377,157; May 29.
Hammock. H. R. Dillon. 2,378,202; June 12.
Hammock. C. H. Kearny. 2,375,792; May 15.
Hammock support. E. W. Anderegg. 2,382,528; Aug. 14.
Hams and preparation thereof. E. C. Oswald and R. G. Lewis. 2,391,338; Dec. 18.
Hand and means for actuating the same, Artificial. F. V. Eberle. 2,382,403–4; Aug. 14.
Handbag. A. M. Broudy. 2,369,943; Feb. 20.
Handbag. C. R. Morris. 2,369,482; Feb. 13.
Handbag and the like, Lady's. H. S. Forst. 2,374,856; May 1.
Handbag, Decorated. C. Wolf. 2,390,021; Nov. 27.
Handbag frame strip for attaching bag material to bag frames. G. S. Merk. 2,390,315; Dec. 4.
Handbag, Lady's reversible. G. H. Khoury. 2,369,239; Feb. 13.
Handbag material, Decorative. J. W. Thomas. 2,377,656; June 5.
Hand brake. R. J. Olander. 2,381,135; Aug. 7.
Handcuff. F. G. Kelley. 2,390,885; Dec. 11.
Handcuff. A. Ruttiman. 2,388,766; Nov. 13.
Hand grip control switch. T. Obszarny. 2,390,846; Dec. 11.
Hand-gripping tool. L. D. Clark. 2,382,606; Aug. 14.
Handguard. P. J. Diffey. 2,390,522; Dec. 11.
Handhole closure. C. F. Kramer and H. F. Cromwell. 2,383,200; Aug. 21.
Hand loom. D. W. Greenwood. 2,380,233; July 10.
Hand operated tank lubricator. C. E. Fitch. 2,390,831; Dec. 11.
Hand-operated tube cutter. E. C. Hartley. 2,366,257; Jan. 2.
Hand punch press. F. Lago. 2,390,655; Dec. 11.
Handrail drive, Moving stairway. G. W. Lautrup and D. C. Larson. 2,373,764; Apr. 17.
Hand tool. R. Monnier. 2,387,928; Oct. 30.
Hand tool. C. A. Pate. 2,376,978; May 29.
Hand tooling device for using sized gold and other decorative leaf. A. Sternberg. 2,366,293; Jan. 2.
Handtruck. J. C. Broome. 2,367,752; Jan. 23.
Hand truck. P. H. Davies. 2,374,982; May 1.
Handwheel for lawn hose couplings. S. I. Iverson. 2,381,498; Aug. 7.
Handwheel, Pressed metal. W. B. Holden. 2,367,679; Jan. 23.
Handkerchief holder. R. Maschoff. 2,379,092; June 26.
Handle: *See*—
Container handle.
Control handle.
Faucet handle.
Foldable stretcher handle.
Glass coffee maker adjustable handle.
Locking sectional handle.
Truckman's handle.
Utensil handle.
Vehicle door lock handle.
Handle. P. W. Jester. 2,372,954; Apr. 3.
Handle. T. Lamb. 2,390,544; Dec. 11.
Handle attaching machine, Bag. M. Katz. 2,379,087; June 26.
Handle-bar switch. F. P. Upton. 2,389,013; Nov. 13.
Handle for automatic firearms. G. Ironside. 2,369,052; Feb. 6.
Handle for containers. L. S. Witherspoon. 2,384,718; Sept. 11.
Handle for floor treating machines. R. K. Lewis. 2,370,907; Mar. 6.
Handle for jars. A. H. Natho. 2,372,107; Mar. 20.
Handle for vacuum cleaners, Switch actuating. H. B. Barber. 2,369,519; Feb. 13.
Handle for valves, Position-indicating. F. W. Blanchard. 2,390,866; Dec. 11.
Handle guide. E. Belanger. 2,377,745; June 5.
Handle, Utensil. W. T. Hanke. 2,370,860; Mar. 6.
Handling and pressing means and method. I. F. Laucks, E. H. Merritt, W. D. Lawshe, and T. W. Dike. 2,390,159; Dec. 4.
Handling apparatus, Article. A. E. Drobish. 2,386,545; Oct. 9.
Handling apparatus, Article. A. A. Kottmann. 2,379,911; July 10.
Handling device, Body. H. C. Smith. 2,376,560; May 22.
Handling mechanism for match combs and match comb packets. R. S. Pullen. 2,388,011; Oct. 30.
Handling mechanism, Work. C. L. Eksergian and J. H. Coombes. 2,381,656; Aug. 7.
Handling method, Sheet. A. L. Hess. 2,389,854; Nov. 27.
Hanger: *See*—
All purpose garment hanger.
Boot or shoe hanger.
Brake hanger.
Bucket hanger.
Ceiling hanger.
Clothes hanger.
Coat hanger.
Combined coat and skirt hanger.
Curtain hanger.
Disappearing hanger.
Dress form and hanger.
Garment hanger.
Garment protecting hanger.
Grip hanger.
Gutter hanger.
Liner hanger.
Machine gun hanger
Multiple contact lamp hanger.
Outlet box hanger.
Picture hanger.
Sucker rod hanger.
Trolley wire hanger.
Trouser hanger.
Hanger. A. D. Carpenter and E. R. Shaw. 2,384,158; Sept. 4.
Hanger. C. A. Slater, A. D. Carpenter, and E. R. Shaw. 2,387,951; Oct. 30.
Hanger attachment for ladies' garments. J. B. Potoczky. 2,386,059; Oct. 2.
Hanger device. J. A. Carr. 2,384,440; Sept. 11.
Hanger for bags and like receptacles, Garment. S. Meyer. 2,383,009; Aug. 21.
Hanger for convertible tandem bicycles, Front. D. A. Swanson. 2,385,892; Oct. 2.
Hanger for slender articles. P. C. Richardson. 2,370,876; Mar. 6.
Hanger for wearing apparel. J. A. Deerfsun. 2,383,593; Aug. 28.
Hanger or connector, Release. H. Lombard. 2,368,671; Feb. 6.
Hanging means, Window drape rod. F. X. Ganter. 2,391,150; Dec. 18.
Harbor navigation system. A. Van Dyck. 2,391,079; Dec. 18.
Hardboard, Making thick. A. Elmendorf and M. Lieff. 2,381,269; Aug. 7.
Hardened or tanned protein salts, Aqueous dispersions of. G. H. Brother and A. K. Smith. 2,380,020; July 10.
Hardening and stain prevention process in color photography. P. W. Vittum. 2,367,548; Jan. 16.
Hardness testing apparatus. R. M. Parke and F. P. Bens. 2,375,033; May 1.
Hardness testing device, Brinell. J. O. Bishop and L. L. Babcock. 2,375,341; May 8.
Hardness testing instrument, Portable. R. P. Dewey. 2,372,662; Apr. 3.
Harmonic generator. W. E. Bradley. 2,391,386; Dec. 25.
Harmonica. F. H. Magnus. 2,373,129; Apr. 10.
Harmonica, Chromatic. F. H. Magnus. 2,384,758; Sept. 11.
Harness. E. S. Jefferson. 2,383,552; Aug. 28.
Harness construction, Quick-release. R. E. Dowd. 2,372,557; Mar. 27.
Harness for cross-weaving. G. Hilton. 2,389,258; Nov. 20.
Harness, Loom. J. J. Kaufmann. 2,382,795; Aug. 14.
Harness, Loom. J. J. Kaufmann. 2,386,690; Oct. 9.
Harness mechanism for looms. O. V. Payne. 2,379,742; July 3.
Harness, Ski. D. A. Wallace. 2,381,793; Aug. 7.
Harrow. J. V. Dyrr. 2,380,298; July 10.
Harrow. J. M. Markel. 2,390,954; Dec. 11.
Harrow, Disk. L. W. Field. 2,377,410; June 5.
Harrow, Disk. R. H. Mitchell and T. M. Thomas. 2,385,637; Sept. 25.
Harvester. E. N. Gathercoal. 2,372,821; Apr. 3.
Harvester. B. M. Hyman. 2,379,803; July 3.
Harvester. M. J. Mitchell and L. P. Millard. 2,379,822; July 3.
Harvester. A. W. Oehler. 2,377,805; June 5.
Harvester. W. W. and E. Weeth and M. E. Dollahite. 2,388,454; Nov. 6.
Harvester and thresher, Combined. R. F. and P. A. Crawford. 2,367,755; Jan. 23.
Harvester and topper, Sugar beet. R. L. Bowman. 2,371,422; Mar. 13.
Harvester, Beet. E. L. Wilkins. 2,376,950; May 29.
Harvester construction. B. M. Hyman. 2,379,802; July 3.
Harvester, Corn. H. H. Cook. 2,378,286; June 12.
Harvester, Corn. H. J. Hahn. 2,372,569; Mar. 27.
Harvester, Corn. J. H. Jenson. 2,366,408; Jan. 2.
Harvester, Corn. S. F. Pasturczak. 2,377,807; June 5.
Harvester, Ensilage. I. D. McEachern. Re. 22,697; Nov. 27.
Harvester, Nut. M. E. Phillips. 2,386,881; Oct. 16.
Harvester, Peanut. E. Kraus. 2,372,586; Mar. 27.
Harvester, Peanut. J. T. Thornton. 2,389,567; Nov. 20.
Harvester, Peanut plant. W. T., W. L., and L. C. Brown. 2,390,419; Dec. 4.
Harvester pick-up device. E. G. Melroe. 2,385,829; Oct. 2.
Harvester, Potato. V. J. Denlinger. 2,369,723; Feb. 20.
Harvester reel. H. Q. Herrstrom. 2,387,069; Oct. 16.
Harvester reel mounting. R. B. Hitchcock and A. H. Keller. 2,387,071; Oct. 16.

Harvester thresher. L. P. Millard and S. D. Pool. 2,369,745; Feb. 20.
Harvester-thresher and the like. O. A. Appel. 2,382,965; Aug. 21.
Harvester, Tractor-mounted. B. M. Hyman. 2,371,822; Mar. 20.
Harvester, Vegetable. E. H. Spiegl. 2,368,895; Feb. 6.
Harvesting and packaging machine. H. Moschel and G. B. Hill. 2,379,371; June 26.
Harvesting appliance. A. J. Mansfield. 2,376,440; May 22.
Harvesting combine for potatoes and the like. W. E. Templeton. 2,379,198; June 26.
Harvesting equipment. H. D. Hume. 2,375,848; May 15.
Harvesting machine. E. M. Bell. 2,374,162; Apr. 24.
Harvesting machine. H. R. Scott. 2,380,193; July 10.
Harvesting machine, Cotton. C. R. Berry. 2,387,004; Oct. 16.
Harvesting machine, Peanut. W. B. and E. Oldham. 2,372,847; Apr. 3.
Hasp lock. R. S. Wagner and B. R. Thiele. 2,382,756; Aug. 14.
Hat adjusting means. R. L. Brill and S. Lipton. 2,377,320; June 5.
Hat adjusting means. S. Lipton. 2,383,396; Aug. 21.
Hatbox. H. Marienthal. 2,374,160; Apr. 17.
Hat brim forming block. W. W. Winsen. 2,370,510; Feb. 27.
Hat, Lady's. H. Bentley. 2,370,442; Feb. 27.
Hat packing stay and combination package. J. G. Huye. 2,384,680; Sept. 11.
Hat, Paper. I. Gardner. 2,390,064; Dec. 4.
Hatpin. J. I. Ellerstein. 2,366,244–5; Jan. 2.
Hats, Manufacture of. W. W. Winsen. 2,370,509; Feb. 27.
Hatch, Cargo. J. C. Temple. 2,373,355; Apr. 10.
Hatch cover construction. A. R. Campbell. 2,379,623; July 3.
Hatch structure for refrigerator cars. W. E. Geddes. 2,368,824; Feb. 6.
Hatches and the like, Covering cargo. H. E. Frick. 2,375,245; May 15.
Hauling unit. L. R. Simmons. 2,382,449; Aug. 14.
Hawsepipe. K. Berger. 2,391,290; Dec. 18.
Hay and shock loader. J. R. Barber. 2,373,804; Apr. 17.
Hay handling device. O. F. Fitch. 2,387,434; Oct. 23.
Haystacker and automatic release. J. E. Twidwell. 2,387,198; Oct. 16.
Head covering. R. J. Ernst. 2,372,715; Apr. 3.
Head for bolts of fabric, Unwinding. N. Obedin. 2,375,679; May 8.
Head for hay balers, Feeder. S. D. Sewell. 2,387,535; Oct. 23.
Headgear. I. L. Freedman. 2,374,675; May 1.
Headgear, Protective. W. I. Taylor. 2,381,524; Aug. 7.
Headgear, Safety. F. B. Ludwell. 2,384,183; Sept. 4.
Headlamp, Retractable. F. Humer. 2,369,295; Feb. 13.
Headlight, Antiglare. J. W. Kolb. 2,380,849; July 31.
Headlight circuit. G. E. McGill. 2,377,706; June 5.
Headpiece, Convertible-shawl. R. M. Wolfe. 2,372,040; Mar. 20.
Head protector. S. E. Bouchard. 2,390,352; Dec. 4.
Head protector. D. Cope. 2,367,006; Jan. 9.
Head protector. P. C. O'Brien. 2,391,335; Dec. 18.
Headrest. G. A. Lansden. 2,387,079; Oct. 16.
Head rest for barber's chair. V. A. Burris. 2,370,447; Feb. 27.
Headstock. J. L. Connell. 2,382,608; Aug. 14.
Head, Tapping. S. B. Hellstrom. 2,368,359; Jan. 30.
Head turning machine. L. Musante. 2,374,769; May 1.
Headwear. F. Heineman. 2,386,682; Oct. 9.
Header construction for harvesting machines. S. C. Heth. 2,388,147; Oct. 30.
Header die for use in making screw blanks for double threaded screws. W. A. De Vellier. 2,373,878; Apr. 17.
Header for road vehicles, Rear. J. J. Black. 2,371,497; Mar. 13.
Hearing aid. R. S. Wyckoff. 2,377,739; June 5.
Hearing aid device. F. J. Faltico. 2,390,243; Dec. 4.
Heart ailments, Treating. A. A. Luisada. 2,366,799; Jan. 9.
Heat coil operated thermal switch. R. Hetherington. 2,387,904; Oct. 30.
Heat control apparatus. B. Dempster. 2,370,847; Mar. 6.
Heat control device. L. W. Cook. 2,383,291; Aug. 21.
Heat deflecting means for internal-combustion engines. W. B. Bronander. 2,387,052; Oct. 16.
Heat directing closure, Collapsible. S. T. Howard. 2,381,906; Aug. 14.
Heat exchange and temperature control. A. L. Foster. 2,379,481; July 3.
Heat exchange apparatus. N. C. Artsay. 2,386,188; Oct. 9.
Heat exchange apparatus. J. P. Rathbun and M. A. Nelson. 2,376,505; May 22.
Heat exchange apparatus, Making. J. E. Woods. 2,389,175; Nov. 20.
Heat exchange device. C. B. Dalzell and E. Wyman. 2,383,292; Aug. 21.
Heat exchange device. W. F. Keenan, Jr., and N. C. Artsay. 2,372,675; Apr. 3.
Heat exchange device. P. H. Schoepflin, C. N. Deverall, and R. C. Stutz. 2,379,932; July 10.
Heat exchange device. N. A. Scott, Jr. 2,381,006; Aug. 7.
Heat exchange devices, Making. A. H. Rodeck. 2,372,795; Apr. 3.
Heat exchange in chemical processes. D. L. Campbell and H. Z. Martin. 2,371,381; Mar. 13.
Heat exchange method and apparatus, Distillation. W. T. Hall. 2,379,519; July 3.
Heat exchange system. E. P. Harrison and O. A. Hunt. 2,366,332; Jan. 2.
Heat exchange unit. J. F. Fagan. 2,368,814; Feb. 6.
Heat exchange unit, Multiple. F. M. Young. 2,378,351; June 12.
Heat exchanger. G. E. Clancy. 2,388,721; Nov. 13.
Heat exchanger. A. Y. Gunter. 2,372,079; Mar. 20.
Heat exchanger. A. Y. Gunter. 2,390,436; Dec. 4.
Heat exchanger. J. O. Jackson. 2,391,244; Dec. 18.
Heat exchanger. R. S. Jones, Jr. 2,374,208; Apr. 24.
Heat exchanger. A. P. Livar. 2,373,900; Apr. 17.
Heat exchanger. A. V. Wetherby-Williams. 2,379,671; July 3.
Heat exchanger, Chimney type. F. M. Young and W. V. Astrup. 2,366,376; Jan. 2.
Heat exchanger fin tube. F. T. Elder. 2,386,159; Oct. 2.
Heat exchanger, Hollow fin. S. E. Heymann. 2,385,080; Sept. 18.
Heat exchanger, Outboard marine. R. W. Fernstrum. 2,382,218; Aug. 14.
Heat exchanger, Surface type. A. R. Smith. 2,375,702; May 8.
Heat exchanger, Tubular. E. Villiger. 2,384,714; Sept. 11.
Heat exchangers, Making. L. B. Manning. 2,378,646; June 19.
Heat exchangers, Making. A. V. Wetherby-Williams. 2,380,002; July 10.
Heat from bus bars, Dissipation of. L. L. Bosch. 2,372,155; Mar. 20.
Heat insulating batt. W. C. Magill. 2,370,365; Feb. 27.
Heat-insulating structure, Laminated. W. A. Blume. 2,377,317; June 5.
Heat interchange apparatus, Making. J. V. Caron. 2,391,615; Dec. 25.
Heat marking apparatus. B. W. Freeman and L. G. Freeman, Jr. 2,374,089; Apr. 17.
Heat motor. W. R. Peterson and J. E. La Rocque. 2,391,342; Dec. 18.
Heat motor actuated device. H. E. Malone. 2,373,130; Apr. 10.
Heat-producing compositions. W. C. Gangloff and S. O. Fiedler. 2,371,436; Mar. 13.
Heat regulating means for liquid heating apparatus. E. E. Griffiths. 2,371,516; Mar. 13.
Heat-responsive device. R. D. Conboy. 2,367,639; Jan. 16.
Heat-responsive element. G. D. Bower. 2,384,153; Sept. 4.
Heat stabilization. F. W. Cox. 2,366,492; Jan. 2.
Heat-stabilized high-polymer halogen-containing products. H. Fikentscher and R. Roehm. 2,387,871; Oct. 23.
Heat transfer apparatus. H. J. D. McCollum. 2,374,608; Apr. 24.
Heat transfer composition. R. D. Coghill and R. T. Milner. 2,369,435; Feb. 13.
Heat transfer device. C. E. Meyerhoefer. 2,377,094; May 29.
Heat transfer medium. I. E. Muskat. 2,379,249; June 26.
Heat transfer salts, Treatment of. F. C. Fahnestock. 2,375,760; May 15.
Heat transfer salts, Treatment of. V. A. Kalichevsky, F. E. Ray, and J. W. Payne. 2,375,759; May 15.
Heat-treating apparatus. H. E. Somes. 2,374,243; Apr. 24.
Heat-treating apparatus. H. E. Somes. 2,376,514; May 22.
Heat-treating apparatus. H. E. Somes. 2,376,516; May 22.
Heat-treating apparatus, Progressive. F. S. Denneen and W. C. Dunn. 2,368,809; Feb. 6.
Heat treating dielectric materials, Method of and apparatus for. G. H. Brown. 2,388,324; Nov. 13.
Heat-treating furnace. F. A. Endress. 2,387,129; Oct. 16.
Heat-treating furnace. R. J. Guba. 2,370,954; Mar. 6.
Heat-treating furnace. E. K. Hansen. 2,383,307; Aug. 21.
Heat-treating furnace. A. N. Otis and G. W. Hegel. 2,372,513; Mar. 27.
Heat-treating process and apparatus. T. E. Lloyd. 2,380,056; July 10.
Heat-treating system. J. M. Lee. 2,383,203; Aug. 21.
Heat treatment for steel alloys. R. H. McCarroll and G. Vennerholm. 2,368,418; Jan. 30.
Heat treatment for wire drawing. A. F. Holden. 2,370,959; Mar. 6.
Heat treatment, Method of and apparatus for. E. Romanelli and F. E. Sutter. 2,367,617; Jan. 16.
Heat treatment of hardenable metallic articles. H. E. Somes. 2,388,231; Oct. 30.
Heat-treatment of metals. A. G. E. Robiette and P. F. Hancock. 2,384,261; Sept. 4.
Heat treatment of the insulating coverings of electric wires and cables. G. H. Walton, J. C. Quayle and P. Jones. 2,374,515; Apr. 24.

Heat treatment of the insulating coverings of electric wires and cables. G. H. Walton, J. C. Quayle, and P. Jones. 2,384,982; Sept. 18.
Heated food container. R. L. Steven. 2,373,611; Apr. 10.
Heater: *See*—
Airplane heater.
Automatic electrical water heater.
Automatic magazine feed solid fuel heater.
Automobile heater.
Auxiliary hot air heater.
Bottle heater.
Carburetor intake air heater.
Catalytic heater.
Chemical immersion heater.
Circular unit heater.
Combustion heater.
Convection heater.
Degerating feed-water heater.
Direct fired unit heater.
Electric furnace water heater.
Electric heater.
Electric hot water heater.
Electric tank heater.
Electric water heater.
Feed water heater.
Fireplace heater.
Fluid heater.
Forced draft heater.
Gas heater.
Helical electric immersion heater.
Hot water heater.
Hot-water storage heater.
Liquid heater.
Magazine feed solid fuel heater.
Oil heater.
Portable electric heater.
Recirculation insulated space heater.
Regenerative gas heater.
Removable tank heater.
Solar heater.
Two-stage water heater.
Vehicle heater.
Water heater.
Heater. G. Anderson. 2,370,116; Feb. 27.
Heater. T. C. Cheasley. 2,371,950; Mar. 20.
Heater. E. Esson. 2,370,644; Mar. 6.
Heater. E. Esson. 2,391,144; Dec. 18.
Heater. F. A. Fahrenwald. 2,367,170; Jan. 9
Heater. F. O. Hess. 2,386,462; Oct. 9.
Heater. F. O. Hess. 2,386,746; Oct 9.
Heater. F. O. Hess and R. E. B. Wakefield. 2,387,022; Oct. 16.
Heater. H. B. Holthouse. 2,374,203; Apr. 24.
Heater. H. E. Holthouse. 2,384,636; Sept. 18.
Heater. C. M. Kimberlin. 2,367,356; Jan. 16.
Heater. H. J. D. McCollum. 2,366,416; Jan. 2.
Heater. H. J. De N. McCollum. 2,379,018; June 26.
Heater. H. J. De N. McCollum. 2,380,602; July 31.
Heater. H. J. De N. McCollum. 2,390,380; Dec. 4.
Heater. J. Primrose and C. E. McCulloch. 2,380,464; July 31.
Heater. V. N. Tramontini. 2,374,569; Apr. 24.
Heater. J. S. Wallis and J. W. Throckmorton. 2,385,749; Sept. 25.
Heater. M. T. Way and C. P. Wolff. 2,383,924; Aug. 28.
Heater and circulator, Electric. C. MacGregor 2,385,295; Sept. 18.
Heater and circulator for can and drying machines, Air. P. E. Pearson. 2,391,339; Dec. 18.
Heater and defroster, Car. F. M. Young. 2,368,392; Jan. 30.
Heater and the like, Water. C. P. O'Hagan. 2,374,231; Apr. 24.
Heater arrangement. E. E. Hans. 2,382,712; Aug. 14.
Heater construction. L. N. Walter. 2,391,111; Dec. 18.
Heater control system and thermal retarder therefor, Water. C. M. Osterheld. 2,375,379; May 8.
Heater control system, Electric tank. C. M. Osterheld. 2,387,180; Oct. 16.
Heater control system, Tank. C. M. Osterheld. 2,387,178; Oct. 16.
Heater control system, Water. C. M. Osterheld. 2,375,380; May 8.
Heater control system, Water. C. M. Osterheld. 2,377,441; June 5.
Heater control system, Water. C. M. Osterheld. 2,387,175–7; Oct. 16.
Heater control system, Water. C. M. Osterheld. 2,387,179; Oct. 16.
Heater for canned foods and beverages. W. A. Caldwell 2,384,278; Sept. 4.
Heater for extrusion nozzles. H. H. West. 2,367,451; Jan. 16.
Heater for liquids. A. Hourvitz. 2,373,759; Apr. 17.
Heater for liquids, Instant. L. E. Walther. 2,380,132; July 10.
Heater for steam furnaces, Electric. C. Del Vecchio. 2,386,318; Jan. 2.
Heater unit for air circulating heaters. W. C. Coleman and R. Martin. 2,386,437; Oct. 9.
Heaters for heavy aircraft, Electric. J. D. Morgan and P. B. Levitt. 2,377,027; May 29.
Heaters, Manufacture of electric. E. L. Wiegand. 2,376,840; May 22.
Heating and circulating device. L. C. Huff. 2,379,155; June 26.
Heating and cooling system, Reverse cycle. S. J. Benn. 2,376,859; May 29.
Heating and ventilating apparatus for motor vehicles. H. J. Findley. 2,383,640; Aug. 28.
Heating and ventilating system. H. B. Holthouse. 2,372,897; Apr. 3.
Heating apparatus. T. C. Appleman. 2,389,587; Nov. 27.
Heating apparatus. A. Barnsteiner. 2,387,734; Oct. 30.
Heating apparatus. A. Barnsteiner and E. E. Sutherland. 2,386,776; Oct. 16.
Heating apparatus. G. E. Dake. 2,387,883; Oct. 30.
Heating apparatus. C. J. Davies. 2,390,208; Dec. 4.
Heating apparatus. B. Goerg. 2,386,160; Oct. 2.
Heating apparatus. D. E. Goggin. 2,387,437; Oct. 23.
Heating apparatus. W. A. Griswold. 2,383,188; Aug. 21.
Heating apparatus. D. F. Jones, J. W. Miller and B. D. Figg. 2,378,485; June 19.
Heating apparatus. E. H. Lockwood and L. E. Lown. 2,375,242; May 8.
Heating apparatus. H. J. D. McCollum. 2,374,609; Apr. 24.
Heating apparatus. H. J. De N. McCollum. 2,378,781; June 19.
Heating apparatus. H. J. De N. McCollum. 2,385,096; Sept. 18.
Heating apparatus. M. L. Mueller. 2,376,170; May 15.
Heating apparatus. M. L. Mueller. 2,376,171; May 15.
Heating apparatus. M. L. Mueller. 2,376,172; May 15.
Heating apparatus. M. L. Mueller. 2,376,173; May 15.
Heating apparatus. W. R. Price. 2,391,071; Dec. 18.
Heating apparatus. W. V. Rife. 2,385,652; Sept. 25
Heating apparatus. E. F. Rutan. 2,384,262; Sept. 4.
Heating apparatus. E. E. Sutherland. 2,375,047; May 1.
Heating apparatus. C. Volkman. 2,384,510; Sept. 11.
Heating apparatus. K. L. Woodman. 2,389,588; Nov. 27.
Heating apparatus and flux field control thereof, Induction. V. W. Sherman. 2,383,992; Sept. 4.
Heating apparatus, Induction. V. W. Sherman. 2,386,819; Oct. 16.
Heating appliance. A. P. Livar. 2,389,264; Nov. 20.
Heating device. L. A. Burrows. 2,388,901; Nov. 13.
Heating device. D. E. Edgar and D. J. Sullivan. 2,386,095; Oct. 2.
Heating device. B. F. Fullerton. 2,379,348; June 26.
Heating device. C. F. Mendez. 2,379,820; July 3.
Heating device. A. Rickenbacher. 2,371,410; Mar. 13.
Heating, drying, and air conditioning apparatus. E. B. Hough. 2,389,433; Nov. 20.
Heating element. B. F. Wheeler. 2,371,275; Mar. 13.
Heating element and production. A. J. Huck. 2,387,995; Oct. 30.
Heating furnace. J. Cafagno. 2,381,106; Aug. 7.
Heating furnace. J. H. Strassburger. 2,369,419; Feb. 13.
Heating furnace. H. Weyenberg. 2,383,431; Aug. 21.
Heating furnace and burner therefor. F. A. Corbin and H. F. Netzhammer. 2,389,027; Nov. 13.
Heating heads and blowpipe nozzles, Manufacture of. P. E. Timmerman and C. V. Johanson. 2,378,516; June 19.
Heating means. H. S. Wheller. 2,390,630; Dec. 11.
Heating method. R. R. Haugh. 2,384,998; Sept. 18.
Heating, Method of and apparatus for. F. O. Hess. 2,367,119; Jan. 9.
Heating of fluids. M. W. Barnes. 2,374,797; May 1.
Heating of polyamides, Controlled. L. F. Salisbury. 2,374,137; Apr. 17.
Heating stove. R. H. White, R. H. Hodgson, B. Jones, Jr., and L. White. 2,376,409; May 22.
Heating system. C. W. Graves. 2,387,576; Oct. 23.
Heating system. W. W. Hallinan. 2,369,044; Feb. 6.
Heating system. S. E. Heymann. 2,370,035; Feb. 20.
Heating system. H. B. Holthouse. 2,386,115; Oct. 2.
Heating system. J. R. Lawler. 2,369,242; Feb. 13.
Heating system. H. J. De N. McCollum. 2,379,016; June 26.
Heating system. T. J. Sullivan. 2,376,632; May 22.
Heating system and apparatus therefor, Gas burner. E. C. Miller. 2,373,326; Apr. 10.
Heating system for buildings, Space. V. E. Hupp. 2,375,556; May 8.
Heating system, Vehicle. J. F. D. Smith. 2,382,340; Aug. 14.
Heating unit. T. E. Brown. 2,389,839; Nov. 27.
Heating unit. H. J. De N. McCollum. 2,379,017; June 26.
Heating unit. J. A. Wilson and N. H. Sutterfield. 2,373,731; Apr. 17.
Heating unit and making same, Encased electric. C. M. Osterheld. 2,368,771; Feb. 6.
Heat-resistant cast iron. D. E. Krause. 2,390,594; Dec. 11.
Heavy-duty control cable. E. W. Batterson and E. A. Midling. 2,380,015; July 10.
Heavy-duty disk brake. H. T. Lambert. 2,375,854; May 15.
Heavy duty snap switch. N. L. Helkes. 2,373,681; Apr. 17.
Hectograph blanket. W. J. Champion. 2,372,355; Mar. 27.
Hectograph blanket and preparing same. R. C. Bour. 2,372,354; Mar. 27.
Hectograph blanket having a copy mass comprising a silicate. W. J. Champion. 2,387,643; Oct. 23.
Hectograph compositions and blankets. R. C. Bour. 2,368,516; Jan. 30.
Heddle bar support. C. E. A. Lausberg. 2,376,258; May 15.
Heddle frame. G. R. Plott. 2,381,308; Aug. 7.
Heddle frame support. R. T. Osteen. 2,383,271; Aug. 21.
Heel. B. Kellman. 2,387,029; Oct. 16.

Heel attaching machine. J. W. Carr and T. B. Clarke. 2,391,543; Dec. 25.
Heel attachment, Antiskid. J. M. Hearton. 2,370,625; Mar. 6.
Heel breasting machine. F. P. Taylor. 2,383,025; Aug. 21.
Heel breasting machine. E. E. Winkley. 2,385,482; Sept. 25.
Heel construction for shoes. G. Anson. 2,369,201; Feb. 13.
Heel, Cushion. E. C. Uhlig. 2,375,153; May 1.
Heel for boots or shoes. H. C. Nimrick. 2,378,028; June 12.
Heel for shoes, Detachable. R. N. Wilson. 2,379,559; July 3.
Heel lift. C. B. Lemke. 2,387,334; Oct. 23.
Heel lift, Detachable. B. H. Walker. 2,385,592; Sept. 25.
Heel, Shoe. E. S. Bosch. 2,372,760; Apr. 3.
Heel, Shoe. M. J. Goldberg. 2,370,951; Mar. 6.
Heel, Shoe. H. A. Strupp. 2,378,511; June 19.
Heel, Spring wedge. C. L. Miller. 2,383,877; Aug. 28.
Heel stripper. G. Hunt. 2,388,150; Oct. 30.
Heel support. G. K. Richardson. 2,378,038; June 12.
Heel treating. K. W. Macdonald. 2,382,247; Aug. 14.
Heels, Method of and machine for coating. V. F. Harrington. 2,368,829; Feb. 6.
Height gauge. A. J. Metro. 2,385,874; Oct. 2.
Height-measuring device. P. E. Attick. 2,381,428; Aug. 7.
Helical binders, Manufacture of. A. Freundlich. 2,388,401; Nov. 6.
Helical electric immersion heater. P. B. Levitt. 2,371,696; Mar. 20.
Helically wound body. W. Kasten. 2,380,111; July 10.
Helixes of varying depth, Generating. J. E. Kline. 2,384,625; Sept. 11.
Helicopter. E. Adams. 2,381,417; Aug. 7.
Helicopter. S. Apostolescu. 2,384,445; Sept. 11.
Helicopter. H. T. Avery. 2,369,652; Feb. 20.
Helicopter. J. P. Burke. 2,378,617; June 19.
Helicopter. S. Gagas. 2,372,481; Mar. 27.
Helicopter. R. R. Hays. 2,369,048; Feb. 6.
Helicopter. R. R. Hays. 2,388,653; Nov. 6.
Helicopter. A. Skavinsky. 2,385,889; Oct. 2.
Helicopter. E. L. Smith. 2,375,592; May 8.
Helicopter aircraft. A. M. Young. 2,368,698; Feb. 6.
Helmet construction. C. F. Scholl and R. W. Bergman. 2,371,712; Mar. 20.
Helmet for acetylene welders. R. T. Shields. 2,370,499; Feb. 27.
Helmet, Protective. L. G. Feman. 2,383,597; Aug. 28.
Helmet, Welder's. M. Eisenbud. 2,388,604; Nov. 6.
Helmet, Welder's. J. O'Reilly. 2,384,765; Sept. 11.
Helmet, Welder's. L. A. Severy. 2,390,006; Nov. 27.
Helmet, Welding. R. Bakke. 2,377,122; May 29.
Helper drive. W. R. Harris. 2,382,415; Aug. 14.
Hematoxylin, Recovering. R. L. Drew. 2,369,343; Feb. 13.
Hemostat. O. W. Hunn. 2,385,207; Sept. 18.
Hemostat and forming same. V. Calhoun. 2,387,642; Oct. 23.
Hemp turning machine. J. B. Kucera. 2,390,375; Dec. 4.
Herbicide. C. De Laney. 2,391,299; Dec. 18.
Herbicide. F. E. Hance. 2,370,349; Feb. 27.
Heterocyclic compounds, Making. L. I. Smith and J. A. King. 2,388,579; Nov. 6.
Heterocyclic disubstituted alkylol guanidines, Symmetrical. W. P. Ericks and J. H. Williams. 2,367,569; Jan. 16.
Hetero-oxygen compounds, Monoazo. J. Danuser and R. von Capeller. 2,391,137; Dec. 18.
Hexamethylene di-isocyanate, Preparation of. M. W Farlow. 2,374,340; Apr. 24.
High boiling unsaturated products of petroleum pyrolysis and heat polymers therefrom. E. L. Hall and H. R. Batcheldor. 2,387,259; Oct. 23.
High call reversal, Selective. H. W. Williams, D. Santini, and M. L. Mount. 2,376,218; May 15.
High frequency antenna. M. W. Scheldorf. 2,380,333; July 10.
High frequency apparatus. J. P. Blewett. 2,366,556; Jan. 2.
High frequency apparatus. S. Ramo. 2,366,555; Jan. 2.
High-frequency apparatus. L. J. Wolf. 2,386,733; Oct. 9.
High frequency apparatus for heating organic material. W. W. Hansen. 2,370,161; Feb. 27.
High frequency attenuating device. G. E. Archenbronn. 2,390,489; Dec. 11.
High-frequency coupling circuit. O. E. Dow and H. E. Goldstine. 2,373,233; Apr. 10.
High frequency generator. C. A. Rosencrans. 2,368,328-9; Jan. 30.
High-frequency inductance unit. G. B. McClellan. 2,368,857; Feb. 6.
High frequency tank circuit. W. van B. Roberts. 2,370,423; Feb. 27.
High-frequency tube structure. E. L. Ginzton and W. W. Hansen. 2,391,016; Dec. 18.
High intensity light source. C. G. Suits. 2,390,816; Dec. 11.
High lift valve. B. Cones. 2,380,631; July 31.
High pressure centrifugal pump. C. L. Babb. 2,389,753; Nov. 27.
High pressure distillate samples, Obtaining. R. J. Sullivan and J. Miller. 2,380,271; July 10.
High-pressure fluid pump. W. T. Tabb. 2,372,694; Apr. 3.
High-pressure hydraulic pump. R. L. Levy. 2,389,374; Nov. 20.
High pressure separation. D. L. Katz and T. H. Whaley, Jr. 2,391,576; Dec. 25.
High pressure separation process. T. H. Whaley. 2,391,607; Dec. 25.
High pressure shutoff valve. D. A. Stark. 2,391,278; Dec. 18.
High-pressure steam generator. L. E. Sebald. 2,379,661; July 3.
High pressure test plug. W. M. Nicholson. 2,374,947; May 1.
High-pressure valve. A. T. Newell. 2,371,585; Mar. 13.
High SO_3 amide products. M. J. Kelley and W. L. Abramowitz. 2,372,786; Apr. 3.
High-speed direct current generator. C. A. Adams. 2,368,608; Jan. 30.
High-speed relay. B. V. Hoard. 2,379,905; July 10.
High-temperature heat-treating furnace. W. Worth, E. R. Walker, and S. A. Whitt. 2,369,879; Feb. 20.
High temperature lamp. J. W. Marden. 2,367,595; Jan. 16.
High-tension apparatus. K. Bischoff. 2,372,928; Apr. 3.
High voltage fusing tool. C. P. Berg. 2,366,233; Jan. 2.
Highway construction and method. G. Rodli. 2,366,754; Jan. 9.
Hinge. J. W. Aspenleiter. 2,371,729; Mar. 20.
Hinge. S. T. V. Cowen. 2,367,205; Jan. 16.
Hinge. D. W. Kahle. 2,372,431; Mar. 27.
Hinge. H. C. Langhorst. 2,369,148; Feb. 13.
Hinge. A. Lesti. 2,375,116; May 1.
Hinge. E. W. North. 2,372,977; Apr. 3.
Hinge. H. Traumüller. 2,389,010; Nov. 13.
Hinge and operating device, Closure. C. L. Ostrander. 2,373,197; Apr. 10.
Hinge and wall assembly, Combined. N. T. Baldanza 2,370,928; Mar. 6.
Hinge combination, Cam. S. J. Stanton. 2,385,738; Sept. 25.
Hinge, concealed. M. J. Economides. 2,373,178; Apr. 10.
Hinge construction. J. J. Thomas. 2,388,021; Oct. 30.
Hinge construction for waffle irons and the like. R. N. Dickey. 2,367,847; Jan. 23.
Hinge for windows or the like pivotable in horizontal or vertical direction, Frictional. A. O. Hellkvist. 2,376,965; May 29.
Hinge joint. M. Goldschmidt and J. E. Moyal. 2,367,861; Jan. 23.
Hinge, Metal cabinet. R. A. Stone. 2,385,169; Sept. 18.
Hinge mounting for sound recording and reproducing heads, Spring. L. Thompson and R. L. Stone. 2,369,087; Feb. 6.
Hinge pin, retainer pin, and the like provided with self-locking means. J. Martin. 2,382,166; Aug. 14.
Hinge, Plastic toilet seat. H. D. Watson. 2,371,200; Mar. 13.
Hinge, Ski. C. B. Rollins. 2,367,528; Jan. 16.
Hinge, Stop. B. R. Thiele. 2,372,303; Mar. 27.
Hinge support. M. Watter. 2,380,091; July 10.
Hinged clamp. J. R. O'Donnell. 2,370,748; Mar. 6.
Hinged cover container. H. A. Carruth and M. I. Williamson. 2,369,385; Feb. 13.
Hinged cover container. H. A. Carruth and M. I. Williamson. 2,369,388; Feb. 13.
Hinged cover container. H. A. Carruth and M. I. Williamson. 2,369,390; Feb. 13.
Hinged cover container. W. A. Ringler. 2,369,391-2; Feb. 13.
Hinged cover container. M. I. Williamson and H. A. Carruth. 2,369,386-7; Feb. 13.
Hinged cover container. M. I. Williamson and H. A. Carruth. 2,369,389; Feb. 13.
Hinged self-sealing coupling. F. T. Newell. 2,377,510; June 5.
Hitch. F. M. Fraga. 2,379,225; June 26.
Hitch, Agricultural tool-tractor rope. E. W. Creekbaum. 2,370,232; Feb. 27.
Hitch, Automatic telescopic draft. H. R. Forney. 2,384,244; Sept. 4.
Hitch, Boat. C. L. Radick. 2,387,352; Oct. 23.
Hitch control, Tractor. K. L. Brimhall. 2,386,192; Oct. 9.
Hitch device. J. I. Cantral. 2,381,258; Aug. 7.
Hitch device. A. W. Oehler and D. L. Adams. 2,377,806; June 5.
Hitch, Draft. H. R. Forney. 2,384,245; Sept. 4.
Hitch, Equalizing trailer. J. E. Nogle. 2,376,001; May 15.
Hitch for trailers. H. C. Beitzel. 2,377,315; June 5.
Hitch mechanism, Steering. W. A. Hyland. 2,370,468; Feb. 27.
Hitch, Tractor. R. T. Evans and J. H. Clasen. 2,383,182; Aug. 21.
Hitch, Trailer. H. F. Schultz. 2,381,841; Aug. 7.
Hitch, Vehicle. C. R. Bingham. 2,378,460; June 19.
Hitch, Vehicle. C. R. Bingham. 2,384,363; Sept. 4.
Hitching device. S. Winters. 2,371,662; Mar. 20.
Hobbing machine. G. L. Merrill, T. F. Carlin, and E. J. Batorski. 2,390,607; Dec. 11.
Hog feeder. H. Bane. 2,377,202; May 29.
Hogshead, Knockdown. R. S. McConnell. 2,375,122; May 1.

Hoist. C. A. Burton. 2,372,157; Mar. 20.
Hoist. W. Carey. 2,373,455; Apr. 10.
Hoist. H. T. Hart, H. A. Barber, and E. W. Burbeck. 2,385,276; Sept. 18.
Hoist. W. O. Nelson. 2,387,087; Oct. 16.
Hoist. H. F. Parker and K. W. Stinson. 2,371,352; Mar. 13.
Hoist. H. F. Parker and K. W. Stinson. 2,373,048; Apr. 3.
Hoist attachment. A. Smith. 2,368,947; Feb. 6.
Hoist control. E. B. Lear and J. A. Hope. 2,378,225; June 12.
Hoist control, Alternating current. W. R. Wickerham. 2,386,580; Oct. 9.
Hoist control, Skip. G. Fox. 2,370,855; Mar. 6.
Hoist control system. W. R. Wickerham. 2,386,581; Oct. 9.
Hoist, crane, lift and the like lifting apparatus. S. Baynes. 2,373,007; Apr. 3.
Hoist, Double drum. F. P. Lawler. 2,376,972; May 29.
Hoist, Electric invalid. H. A. Winter. 2,368,390; Jan. 30.
Hoist load brake. R. E. Smith. 2,372,026; Mar. 20.
Hoist, Portable. C. E. Watson. 2,378,605; June 19.
Hoist, Power. C. R. Smith. 2,379,599; July 3.
Hoist, power operated. H. S. Moore, and F. T. Whelan. 2,367,041; Jan. 9.
Hoist, Propeller. P. J. Leaver and P. W. Matthews. 2,381,913; Aug. 14.
Hoist type pump. J. L. Mauldin. 2,374,765; May 1.
Hoist, Wire rope. H. F. Parker. 2,368,039; Jan. 23.
Hoisting brake control. F. L. White. 2,377,285; May 29.
Hoisting means for sunken ships, Self-adjusting. C. M. Zoll. 2,382,840; Aug. 14.
Hoisting mechanism. H. W. Ball. 2,370,834; Mar. 6.
Hoisting mechanism. A. J. Brown. 2,378,749; June 19.
Hoisting mechanism. G. H. Leland. 2,391,172; Dec. 18.
Hoisting mechanism. A. J. Stanton and E. F. Campbell. 2,387,777; Oct. 30.
Holdall, suit case, or the like. E. E. Langford and A. T. Garnett. 2,373,573; Apr. 10.
Hold-down clamp. S. A. Wood. 2,390,022; Nov. 27.
Hold-down device. J. H. Filburn. 2,381,815; Aug. 7.
Holder: *See*—

Abrasive stick holder.
Absorbent holder.
Article holder.
Ash tray holder.
Automatic electronic load holder.
Automobile license stamp holder.
Baby's bottle holder.
Bag filling holder.
Bag holder.
Bait can and fish sack holder.
Boring bar holder.
Boot holder.
Bottle holder.
Brush holder.
Cigarette and cigar holder.
Cigarette and safety match holder.
Cigarette holder.
Coin holder.
Collet holder.
Connecting pin holder.
Container holder.
Cook-book holder.
Cosmetic holder.
Coupon holder.
Crystal holder.
Dental floss holder.
Detachable toilet paper holder.
Die holder.
Door holder.
Dressing tool holder.
Drinking tube holder.
Electrode holder.
Eyeglass holder.
Fastening holder.
File holder.
Film holder.
Fishhook holder.
Fixture holder.
Flower holder.
Folding target holder.
Garage door holder.
Handkerchief holder.
Hydraulic work holder.
Lamp holder.
Laundry holder.
Lens holder.
Lettering-guide holder.
License plate holder.
Lipstick holder.
Loose-leaf holder.
Magnifying glass holder.
Meat holder.
Mechanical cigarette holder
Motor vehicle identification tag holder.
Necktie holder.
Non-luminous cigarette holder.
Nursing bottle holder.
Nut holder.
Opposed angle brush holder
Paint bucket holder.
Paper roll holder.
Pencil holder.
Photographic negative holder.
Pie holder.
Piezoelectric crystal holder.
Pocket utensil holder.
Pot holder.
Printing plate holder.
Propellent charge holder.
Razor blade holder.
Record-card holder.
Reversible tap holder.
Roll holder.
Rotary ejector electrode holder.
Rotatable broach holder.
Rug filler holder.
Sanitary dental floss holder.
Self-adjusting thread holder.
Self-attaching wire holder.
Self-releasing die holder.
Shaving brush holder.
Sheet holder.
Shoe holder.
Slide holder.
Soap holder.
Spool holder.
Spoon holder.
Stick holder.
Strap handle holder.
Supply holder.
Thread separating thread holder.
Toilet paper roll holder.
Tool holder.
Train order holder.
Tube holder.
Tubing and needle holder.
Twine holder.
Vacuum holder.
Vacuum work holder.
Welding electrode holder.
Welding rod holder.
Work holder.
X-ray film holder.

Holder. M. Cohen. 2,389,717; Nov. 27.
Holder and arranger, Flower. H. L. Bierwert. 2,381,253; Aug. 7.
Holder and dispenser, Hairpin. J. C. Morrell. 2,383,207; Aug. 21.
Holder and ejector, Weldrod. L. C. Bass. 2,383,951; Sept. 4.
Holder and feeder for sewing machines, Tip. W. Farkas and I. Friedman. 2,378,072; June 12.
Holder and fishing pole rest, Combined fish sack. E. H. Kruse. 2,367,588; Jan. 16.
Holder and fixture for tubular lamps. A. G. Mueller, W. R. Young, and F. C. Dazley. 2,384,956; Sept. 18.
Holder and indexing means, Work. G. C. Becker. 2,369,425; Feb. 13.
Holder and insulator for electric fence wire. D. F. Hunter. 2,390,305; Dec. 4.
Holder and lid tightener, Fruit jar. R. F. Heim. 2,386,460; Oct. 9.
Holder and matches, Match. N. Levin. 2,372,836; Apr. 3.
Holder and opener for containers of additive liquid. M. W. Shayeson. 2,380,472; July 31.
Holder and position indicator, Sheet. P. Mannino. 2,375,427; May 8.
Holder and projection machine therefor, Transparent film segment. C. B. Bogue. 2,385,771; Oct. 2.
Holder and tailstock center, Die. A. Sarossy. 2,383,991; Sept. 4.
Holder attachments for vise jaws, Elastic work. H. P. Fest. 2,378,543; June 19.
Holder for boxes, Label. E. C. Harden. 2,376,916; May 29.
Holder for brooches, Display. M. Goodman. 2,380,688; July 31.
Holder for chalk lines and the like. C. T. Rogne. 2,366,755; Jan. 9.
Holder for cigars and cigarettes. J. D. Kilgore. 2,373,629; Apr. 10.
Holder for clarinet and band instruments, Music. N. Solberg. 2,386,576; Oct. 9.
Holder for cleaning cloth. R. L. Kincaid. 2,384,178; Sept. 4.
Holder for cutting tables, Cloth. J. Herman and J. Feuer. 2,372,779; Apr. 3.
Holder for duck decoys, Combined stabilizer and anchor cord. F. Higgins. 2,368,834; Feb. 6.
Holder for electric lamps and the like purposes, Adjustable. J. R. Bateman. 2,389,340; Nov. 20.
Holder for electric lanterns, Extensible battery cell. W. M. Moxley. 2,383,337; Aug. 21.
Holder for electric welding rods. F. E. Trinajstich 2,371,003; Mar. 6.
Holder for electrodes and welding rods. H. F. Fuller. 2,390,997; Dec. 18.
Holder for finger nail files. W. Stinson. 2,376,946; May 29.
Holder for fishing poles. P. S. Odward. 2,389,384; Nov. 20.
Holder for lathes and the like, Cushioning. W. J. Weberg. 2,377,594; June 5.
Holder for lathes, Work. B. Liewinko. 2,372,787; Apr. 3.
Holder for line throwing guns, Cord. A. T. La Pierre. 2,388,749; Nov. 13.
Holder for looms, Thread. H. A. Whitin. 2,385,242; Sept. 18.
Holder for metal pipes and bars and the like, Welding. L. W. Fulleton. 2,381,584; Aug. 7.
Holder for pencils or pens. P. J. Bona. 2,366,483; Jan. 2.
Holder for photographic sheet material, Processing. H. F. Stiffler. 2,368,078; Jan. 23.
Holder for picker sticks, Lug strap. H. L. Williams. 2,380,352; July 10.
Holder for piezoelectric crystals. C. S. Cockerell. 2,382,366; Aug. 14.
Holder for razor blades. C. W. Caldwell. 2,379,863; July 10.
Holder for roll roofing, Fixture. F. J. Stephens and W. T. Tillotson. 2,375,502; May 8.
Holder for sheet material. C. Turner. 2,366,296; Jan. 2.
Holder for small articles, Sanitary. L. A. Casnati. 2,373,651; Apr. 17.
Holder for toothbrush and dentifrice. C. F. Brown. 2,370,005; Feb. 20.
Holder for turret lathes, Work. F. W. Vaughan. 2,367,703; Jan. 23.
Holder for upright staffs and the like. F. A. Burton. 2,390,292; Dec. 4.
Holder for welder electrodes. A. D. Clyburn. 2,374,421; Apr. 24.
Holder for winding machines, Spool. W. Siegenthaler 2,370,924; Mar. 6.
Holder for wrenches, Nut. F. Malcom. 2,369,400; Feb. 13.
Holder or pipestem, Cigarette. J. R. Ricketts. 2,385,651; Sept. 25.
Holder, Rivet or bolt. F. Caldarelli. 2,374,582; Apr. 24.
Holders, Film. E. G. Forssell. 2,390,211; Dec. 4.
Holders for looms, Positively actuated thread. E. A. Santon. 2,390,962; Dec. 11.
Holders for welding electrodes. M. W. Bannan. 2,377,203; May 29.
Holdfast means for screw bolts. D. W. Johnson. 2,379,804; July 3.
Holding brake. E. P. Grime. 2,372,196; Mar. 27.

Holding device. J. M. Johnston. 2,385,709; Sept. 25.
Holding fixture for broaching machines, Work. O. W. Bonnafe. 2,381,999; Aug. 14.
Holding means, Garment. B. P. Bohn. 2,385,053; Sept. 18.
Holdup for lug straps. W. Herrou. 2,388,146; Oct. 30.
Holes, Drilling. J. A. Zublin. 2,382,933; Aug. 14.
Hollow articles, Making. E. L. Perry. 2,369,488; Feb. 13.
Hollow articles, Method and mold for casting. C. E. Sorensen and H. M. Reinhold. 2,374,902; May 1.
Hollow bodies, Lathe for profiling. O. von Zelewsky and K. Künsi. 2,385,430; Sept. 25.
Hollow bodies of refractory metals, Making seamless. R. Lowit. 2,373,405; Apr. 10.
Hollow form. R. W. Hemphill. 2,384,741; Sept. 11.
Hollow form, Destructible. L. L. Greneker. 2,369,892; Feb. 20.
Homogeneous solutions and dispersions of colloids and products so prepared, Preparing nonturbid. F. W. H. Mueller. 2,379,646; July 13.
Homogenizer. J. B. McFadden. 2,380,856–7; July 31.
Homogenizing machine. J. M. Colony. 2,389,486; Nov. 20.
Hone conditioning process. W. O. Flatt. 2,368,979; Feb. 6.
Hone, Safety razor blade. G. D. Ryall. 2,375,251; May 8.
Honey extractor. W. T. Kelley. 2,389,669; Nov. 27.
Honing device. J. B. Klein. 2,383,657; Aug. 28.
Honing device. J. Sunnen. 2,376,850–1; May 22.
Honing machine. E. Y. Seborg. 2,377,272; May 29.
Honing machine. J. Sunnen. 2,377,588; June 5.
Hood caps, Method and apparatus for making. K. R. Allen. 2,381,851; Aug. 7.
Hood closure cap. C. W. Goodwin and H. W. Martin. 2,379,959; July 10.
Hood for infants' carriages. W. C. Troendle. 2,367,541; Jan. 16.
Hood, Inhalant. J. A. Bloeser. 2,389,293; Nov. 20.
Hood, Locomotive. M. Essl. 2,370,237; Feb. 27.
Hood, Welder's. S. H. Carlson. 2,386,656; Oct. 9.
Hood, Welder's. O. J. O. Conway. 2,384,798; Sept. 18.
Hook: *See*—
Cargo sling hook.
Gaff hook.
Ladder hook.
Log grab hook.
Rigging hook.
Self-releasing hoisting hook.
Stand hook.
Hook and latch for line implements. T. F. Johnson. 2,385,708; Sept. 25.
Hook releaser, Fishing. D. Jackson. 2,385,415; Sept. 25.
Hook wall well packer. J. T. Phipps. 2,382,094; Aug. 14.
Hop picking machine, Stationary type. F. F. Dauenhauer. 2,391,138; Dec. 18.
Hopper and door means, Incinerator combined. C. N. Tozer. 2,371,785; Mar. 20.
Hopper construction. J. P. Durning. 2,380,733; July 31.
Hopper construction, Railway. V. Willoughby. 2,385,245; Sept. 18.
Hopper mounting for truck type concrete mixers, Charging. R. J. Barnes. 2,374,912; May 1.
Hopper, Portable. F. Briner. 2,381,103; Aug. 7.
Hopper, Portable. J. W. Moore. 2,384,389; Sept. 4.
Horizon and bank indicator for aircraft trainers, Artificial. C. I. Baker. 2,381,872; Aug. 14.
Horizon for sextants, Artificial. B. E. Luboshez. 2,386,621; Oct. 9.
Horizontal pot type burner. M. D. Huston. 2,386,556; Oct. 9.
Horizontal pot type burner. S. Perry. 2,391,069; Dec. 18.
Horizontal type rotary oil burner. J. G. Frost. 2,370,345; Feb. 27.
Hormone derivatives. S. G. Turnbull, Jr. 2,385,852; Oct. 2.
Hormone, Obtaining substantially pure interstitial-cell stimulating. H. B. Van Dyke, R. O. Greep, and B. F. Chow. 2,372,234; Mar. 27.
Hormones, Preparing steroidal. H. M. Crooks, Jr., and E. M. Jones. 2,383,472; Aug. 28.
Hormones, Producing. S. G. Turnbull, Jr. 2,385,853; Oct. 2.
Horn bushing puller. L. Scott. 2,377,973; June 12.
Hose clamp. J. E. Austin. 2,370,766; Mar. 6.
Hose clamp. C. E. Hathorn. 2,391,235; Dec. 18.
Hose clamp. J. T. King. 2,389,785; Nov. 27.
Hose clamp. W. Kitts. 2,383,199; Aug. 21.
Hose clamp. E. W. North and W. O. Burke. 2,386,629; Oct. 9.
Hose clamp. N. Seaholm. 2,383,920; Aug. 28.
Hose clamp. N. D. Smith. 2,391,804; Dec. 25.
Hose clamp. V. E. Sprouse. Re. 22,601; Feb. 13.
Hose clamp. V. E. Sprouse. 2,374,141; Apr. 17.
Hose connector. D. W. Main and R. G. Cox. 2,371,971; Mar. 20.
Hose connector. W. G. L. Smith. 2,371,363; Mar. 13.
Hose coupling. D. P. Glessner. 2,386,109; Oct. 2.
Hose coupling. G. G. Howard. 2,377,010; May 29.
Hose coupling. H. C. Krone and W. Meyer. 2,381,962; Aug. 14.
Hose coupling. P. S. Madsen. 2,391,063; Dec. 18.
Hose coupling. F. D. Mahoney. 2,386,562; Oct. 9.
Hose coupling. K. Pape and A. N. Troshkin. 2,388,992; Nov. 13.
Hose coupling. F. E. Smith. 2,366,814; Jan. 9.
Hose coupling. L. F. Strout. 2,367,447; Jan. 16.
Hose coupling. T. A. Werkenthin and F. M. McGeary 2,369,697; Feb. 20.
Hose, Making inflatable. J. A. Muller and L. Cranston. 2,381,074; Aug. 7.
Hose, Manufacturing flexible. C. W. Greene. 2,366,853; Jan. 9.
Hose nozzle. A. Nielsen. 2,376,881; May 29.
Hose rack. N. Rosenblum. 2,367,141; Jan. 9.
Hose reel. M. Garancher. 2,368,293; Jan. 30.
Hosiery. R. E. Davis. 2,384,079; Sept. 4.
Hosiery and circular knitting machine therefor, Knitting. B. T. Cole. 2,372,554; Mar. 27.
Hosiery and making same. E. L. Schubert. 2,375,253; May 8.
Hosiery run inhibiting preparation. F. F. Lindstaedt. 2,384,382; Sept. 4.
Hospital chair. E. W. Bushnell. 2,383,039; Aug. 21.
Hot air heating furnace. J. C. Miles. 2,391,028; Dec. 18.
Hot and cold water mixer. V. D. Carkonen. 2,367,482; Jan. 16.
Hot bearing alarm. G. W. Baughman. 2,385,487; Sept. 25.
Hot top. E. G. Jones and G. O. Leach. 2,390,373; Dec. 4.
Hot-water heater. C. D. Zipeto. 2,371,096; Mar. 6.
Hot-water storage heater. E. R. Koppel. 2,385,450; Sept. 25.
House car. K. F. Nystrom. 2,367,603; Jan. 16.
Housing and assembly, Blower. L. R. Ripley. 2,386,508; Oct. 9.
Housing for electric apparatus. J. W. Owens. 2,380,782; July 31.
Housing for electrical switches. R. Popp. 2,368,679; Feb. 6.
Housing for interior lighting. S. C. Miller. 2,374,228; Apr. 24.
Housing, Motor. J. Lefiar and V. L. Darnell. 2,381,914; Aug. 14.
Housing, Reinforced. E. D. Nunn. 2,378,860; June 19.
Housing unit. H. O. Chapman and R. Evans. 2,391,544; Dec. 25.
Hub, Buffing wheel. H. E. Hargy, Sr. 2,382,479; Aug. 14.
Hub construction for propellers. P. F. Hackethal. 2,370,657; Mar. 6.
Hub structure. F. B. Shepard. 2,381,697; Aug. 7.
Hub structures, Making. A. G. Forsyth. 2,378,842; June 19.
Hull of motor vessels. E. F. Cribb. 2,387,700; Oct. 23.
Huller, Strawberry. L. A. Frasher. 2,376,135; May 15.
Hum reducing system. W. S. Bachman. 2,366,471; Jan. 2.
Humidifier. H. Weyenberg. 2,368,057; Jan. 23.
Humidifier. H. E. Woolery. 2,377,836; June 5.
Humidifier, Cigarette. D. E. Taylor. 2,371,919; Mar. 20.
Humidifying apparatus. C. C. Chapple. 2,368,115; Jan. 30.
Humidifying apparatus. J. A. Hester, Sr. 2,366,906; Jan. 9.
Humidifying apparatus. G. R. Siefken. 2,377,527; June 5.
Humidity responsive device. H. J. Kersten. 2,377,426; June 5.
Humidity-responsive switch. G. W. Crise. 2,369,215; Feb. 13.
Husking mechanism. N. F. Andrews. 2,389,402; Nov. 20.
Hydantoin manufacture. A. O. Rogers. 2,391,799; Dec. 25.
Hydraulic actuating cylinder control valve. C. J. Rhonds. 2,372,293; Mar. 27.
Hydraulic arbor press. H. E. Page. 2,391,187; Dec. 18.
Hydraulic brake. C. A. Bauer. 2,368,103; Jan. 30.
Hydraulic brake. R. R. Birchfield. 2,389,405; Nov. 20.
Hydraulic brake. W. W. Carter. 2,371,503; Mar. 13.
Hydraulic brake. H. P. Kupiec and E. Stewart. 2,390,311; Dec. 4.
Hydraulic brake. O. Rasmussen. 2,369,313; Feb. 13.
Hydraulic brake. M. Shuman. 2,378,682; June 19.
Hydraulic brake. W. Stelzer. 2,382,268; Aug. 14.
Hydraulic brake attachment. E. T. Weeks and F. M. McCulley. 2,371,937; Mar. 20.
Hydraulic brake booster. W. Stelzer. 2,381,989; Aug. 14.
Hydraulic brake system for motor vehicles. R. B. Campbell. 2,375,750; May 15.
Hydraulic brake with mechanical follow-up. G. R. Tremolada. 2,371,856; Mar. 20.
Hydraulic braking system. B. E. House. 2,389,978; Nov. 27.
Hydraulic check. H. A. Knox. 2,367,220; Jan. 16.
Hydraulic circuit. G. A. Wahlmark. 2,380,810; July 31.
Hydraulic circuit. G. A. Wahlmark. 2,383,092; Aug. 21.
Hydraulic classification method. T. A. Dickson. 2,373,662; Apr. 17.
Hydraulic clutch or coupling, Torque control. J. Hertrich. 2,380,596; July 31.
Hydraulic compensation system. D. H. Brown. 2,380,575; July 31.
Hydraulic control. A. J. Swanson. 2,385,891; Oct. 2.
Hydraulic control apparatus for machine tool. R. A. Schafer and R. Rodal. 2,377,720; June 5.
Hydraulic control mechanism. W. P. Willett. 2,381,795; Aug. 7.
Hydraulic coupling. J. F. Gregg. 2,391,413; Dec. 25.

Hydraulic coupling. C. Popper. 2,388,571; Nov. 6.
Hydraulic coupling. W. T. Stephens. 2,382,114; Aug. 14.
Hydraulic coupling and brake. A. C. Basebe. 2,370,438; Feb. 27.
Hydraulic device. F. S. Carver. 2,379,949; July 10.
Hydraulic device. M. P. Holmes. 2,390,590; Dec. 11.
Hydraulic door operating device. G. E. Armington. 2,366,587; Jan. 2.
Hydraulic drawbar lift for tractors. W. W. Williams, Jr. 2,375,970; May 15.
Hydraulic draw press. R. E. Davis. 2,380,153; July 10.
Hydraulic drilling device. R. R. Hays. 2,388,741; Nov. 13.
Hydraulic drive. W. Ferris. 2,385,069; Sept. 18.
Hydraulic drive. R. Obtresal. 2,381,923; Aug. 14.
Hydraulic drive. R. Tyler. 2,389,830; Nov. 27.
Hydraulic drive mechanism, Hand controlled. M. H. Arms. 2,378,680; June 19.
Hydraulic driving device. D. L. Shapiro. 2,390,620; Dec. 11.
Hydraulic duplicating mechanism and directional control. M. Turchan and C. Walker. 2,389,653; Nov. 27.
Hydraulic duplicating mechanism and exhaust governor. M. Turchan and C. Walker. 2,391,492; Dec. 25.
Hydraulic elevating mechanism. J. F. Joy. 2,378,409; June 19.
Hydraulic floor crane. K. A. Ruger and B. Hilton. 2,389,872; Nov. 27.
Hydraulic fluid motor. W. T. Stephens. 2,391,360; Dec. 18.
Hydraulic fluids. J. C. Woodhouse and K. E. Walker. 2,382,931; Aug. 14.
Hydraulic gas compressor. G. C. Johnson and J. W. Hathaway. 2,382,421; Aug. 14.
Hydraulic governor control. C. R. Roche. 2,378,158; June 12.
Hydraulic governor valve. W. L. Albert, Jr. 2,384,227; Sept. 4.
Hydraulic hoist. C. P. Gail and J. B. Kendall. 2,390,702; Dec. 11.
Hydraulic jack. H. E. Page. 2,387,940; Oct. 30.
Hydraulic lift mechanism. S. B. McLeod. 2,388,755; Nov. 13.
Hydraulic lift truck. H. E. Page. 2,388,864; Nov. 13.
Hydraulic lifting device. J. H. Minnis. 2,369,838; Feb. 20.
Hydraulic lifting mechanism. R. C. Farley, and J. W. Gillespie. 2,366,777; Jan. 9.
Hydraulic linkage, Self-locking. A. R. Stone. 2,387,307; Oct. 23.
Hydraulic loader and unloader. P. W. Soucia. 2,374,045; Apr. 17.
Hydraulic mechanism for machine tools and the like. G. D. Scott. 2,371,553; Mar. 13.
Hydraulic media. T. R. Donlan. 2,382,698; Aug. 14.
Hydraulic media for low temperature operations. T. R. Donlan. 2,379,792; July 3.
Hydraulic motor. G. Makaroff. 2,368,033; Jan. 23.
Hydraulic motor. T. F. Stacy. 2,389,169; Nov. 20.
Hydraulic motor mechanism. C. R. Sacchini and L. N. Vandercoort. 2,376,009; May 15.
Hydraulic operating unit. H. Schreck. 2,384,701; Sept. 11.
Hydraulic packing washer. A. Procter. 2,387,182; Oct. 16.
Hydraulic pile driving apparatus. J. L. Rubin. 2,367,890; Jan. 23.
Hydraulic power transmission apparatus. P. M. Salerni. 2,371,589; Mar. 13.
Hydraulic power unit. A. G. Mellinger. 2,390,957; Dec. 11.
Hydraulic press. P. E. Flowers, W. Ernst and H. F. MacMillin. 2,382,046; Aug. 14.
Hydraulic press. E. T. Masculine. 2,383,810; Aug. 28.
Hydraulic press. M. D. Stone and F. J. Gleve. 2,387,190; Oct. 16.
Hydraulic pressure fluid. D. L. Katz and A. K. Esterer. 2,390,258; Dec. 4.
Hydraulic pruning tool. F. A. Matulich. 2,385,419; Sept. 25.
Hydraulic pump. B. E. Folke. 2,369,345; Feb. 13.
Hydraulic pump. C. A. Pugh. 2,391,072; Dec. 18.
Hydraulic pump, fluid motor, or compressor. G. Roessler. 2,388,644; Nov. 6.
Hydraulic pump jack. A. Jaynes and T. W. Bragg. 2,386,316; Oct. 9.
Hydraulic pump or motor. H. L. Chisholm, Jr. 2,373,457; Apr. 10.
Hydraulic punch. W. J. Westervelt. 2,374,400; Apr. 24.
Hydraulic remote control apparatus. G. Amery. 2,371,596; Mar. 20.
Hydraulic remote control apparatus. C. Hyland. 2,371,893; Mar. 20.
Hydraulic remote control system. L. E. Dougherty. 2,389,962–3; Nov. 27.
Hydraulic retractor control. W. M. Pohl. 2,379,180; June 26.
Hydraulic retractor control. W. M. Pohl. 2,391,035; Dec. 18.
Hydraulic roller-bearing directional pressure wedge. M. C. Young. 2,385,753; Sept. 25.
Hydraulic safety brake system. C. E. Roy. 2,388,706; Nov. 13.
Hydraulic safety valve. R. H. Blank. 2,381,484; Aug. 7.
Hydraulic sand feeder. W. L. Keefer. 2,372,957; Apr. 3.
Hydraulic sand feeder. D. A. Wieland. 2,366,763; Jan. 9.
Hydraulic shock absorber. B. E. O'Connor. 2,371,705; Mar. 20.
Hydraulic shock absorber. G. M. Magrum and B. E. O'Connor. 2,384,186; Sept. 4.
Hydraulic shockless coupling. L. A. Martinelli and W. H. Topp. 2,370,679; Mar. 6.
Hydraulic steer for suspended solids. E. A. Haugensen. 2,371,615; Mar. 20.
Hydraulic switch device. W. J. Hughes. 2,376,918; May 29.
Hydraulic system. R. H. Sullwold. 2,384,706; Sept. 11.
Hydraulic system. A. H. Swenson and P. A. Anderson. 2,386,990; Oct. 16.
Hydraulic system for stabilizers. F. W. Taylor. 2,381,162; Aug. 7.
Hydraulic system, Power pump operated single line. J. W. Kelly. 2,390,716; Dec. 11.
Hydraulic telecontrol device. H. G. Conway. 2,373,745; Apr. 17.
Hydraulic torque converter. R. Lang, J. von Fahland, and H. Gros. 2,384,841; Sept. 18.
Hydraulic torque converter. A. Lysholm. 2,379,015; June 26.
Hydraulic transmission. C. B. Cook. 2,372,357; Mar. 27.
Hydraulic transmission. R. R. Eastin. 2,380,734; July 31.
Hydraulic transmission. H. E. Hruska and A. B. Sibert. 2,387,398; Oct. 23.
Hydraulic transmission. I. J. Snader and M. A. Mathys. 2,379,546; July 3.
Hydraulic transmission for machine tools. M. A. Mathys. 2,368,259; Jan. 30.
Hydraulic valve. H. R. Ellinwood. 2,370,397; Feb. 27.
Hydraulic valve. A. C. Hoof. 2,371,293; Mar. 13.
Hydraulic valve adjusting means. E. W. Kettering. 2,380,051; July 10.
Hydraulic vibration damper. J. K. Simpson. 2,385,545; Sept. 25.
Hydraulic work holder. J. T. Obecny. 2,366,979; Jan. 9.
Hydraulically operated control mechanism. G. A. Wahlmark. 2,373,724; Apr. 17.
Hydraulically operated control mechanism. G. A. Wahlmark. 2,383,429; Aug. 21.
Hydraulically supported balancing machine. C. B. Spase. 2,372,610; Mar. 27.
Hydrazides containing hydroxyalkyl radicals and making same. C. Graenacher, R. Sallmann, and J. Frei. 2,371,133; Mar. 13.
Hydrazino-1,3,5-triazino derivatives of substituted phenylarsenic compounds. E. A. H. Friedheim. 2,390,529; Dec. 11.
Hydrides of alkaline earth metals, Production of. P. P. Alexander. 2,378,368; June 12.
Hydrocarbon alkylation process. F. E. Frey. 2,372,320; Mar. 27.
Hydrocarbon alkylation process. M. P. Matuszak. 2,379,368; June 26.
Hydrocarbon and preparation, Sulphurized. J. A. Reid. 2,380,072; July 10.
Hydrocarbon condensation process. H. J. Hall. 2,380,234; July 10.
Hydrocarbon compositions, Halogenated. F. M. Clark. 2,375,623; May 8.
Hydrocarbon constituents, Process for segregating valuable. C. E. Morrell and M. W. Swaney. 2,370,810; Mar. 6.
Hydrocarbon containing organically combined fluorine, Treating. F. E. Frey. 2,377,546; June 5.
Hydrocarbon containing organically combined fluorine, Treating. F. E. Frey. 2,391,149; Dec. 18.
Hydrocarbon conversion. J. A. Anderson. 2,374,262; Apr. 24.
Hydrocarbon conversion. P. M. Arnold. 2,380,010; July 10.
Hydrocarbon conversion. A. Belchetz and M. M. Perkins. 2,366,171; Jan. 2.
Hydrocarbon conversion. E. L. d'Ouville and B. L. Evering. 2,381,439; Aug. 7.
Hydrocarbon conversion. H. O. Folkins and C. M. Thacker. 2,380,958; Aug. 7.
Hydrocarbon conversion. C. G. Gerhold. 2,377,078; May 29.
Hydrocarbon conversion. H. C. Mayland. 2,371,538; Mar. 13.
Hydrocarbon conversion. W. A. Schulze. 2,374,507; Apr. 24.
Hydrocarbon conversion. W. A. Schulze. 2,383,218; Aug. 21.
Hydrocarbon conversion. A. H. Schutte and V. O. Bowles. 2,390,031; Nov. 27.
Hydrocarbon conversion. C. L. Thomas. 2,387,477; Oct. 23.
Hydrocarbon conversion, Combination powdered-granular catalyst. J. M. Page, Jr. 2,377,512; June 5.
Hydrocarbon conversion, Method and apparatus for catalytic. G. S. Dunham. 2,386,846; Oct. 16.
Hydrocarbon, Conversion of. H. Pines and V. N. Ipatieff. 2,385,300; Sept. 18.
Hydrocarbon conversion process. J. C. Baillie. 2,380,489; July 31.

Hydrocarbon conversion process. M. M. Stewart. 2,381,522; Aug. 7.
Hydrocarbon conversion process. W. A. Schulze and J. A. Guyer. 2,381,466; Aug. 7.
Hydrocarbon conversion process. E. Utterback. 2,382,371; Aug. 14.
Hydrocarbon conversion process, Catalytic. J. C. Baillie and M. J. See. 2,378,530; June 19.
Hydrocarbon conversion processes. C. K. Buell. 2,368,110; Jan. 30.
Hydrocarbon conversion processes, Catalytic. M. M. Stewart. 2,367,474; Jan. 16.
Hydrocarbon conversion system. M. Sutton and C. W. Nysewander. 2,379,550; July 3.
Hydrocarbon conversion system. M. Sutton and C. W. Nysewander. 2,382,815; Aug. 14.
Hydrocarbon conversion system, Catalytic. R. C. Gunness. 2,377,935; June 12.
Hydrocarbon conversion system, Combination powdered-granular catalyst. J. M. Page, Jr. 2,377,513; June 5.
Hydrocarbon conversion with silica chromium oxide catalysts. R. F. Ruthruff. 2,382,582; Aug. 14.
Hydrocarbon conversions and catalysts therefor. J. A. Anderson. 2,381,481; Aug. 7.
Hydrocarbon dehydration by distillation. G. H. Shipley, Jr., and W. B. Franklin. 2,368,497; Jan. 30.
Hydrocarbon, Dehydrogenating. H. M. Singleton. 2,389,215; Nov. 20.
Hydrocarbon derivatives, Sulphurized. M. A. Dietrich. 2,373,879; Apr. 17.
Hydrocarbon distillates, Gelatination of. W. K. Grieslinger. 2,382,144; Aug. 14.
Hydrocarbon emulsions, Separation of. H. R. Batchelder. 2,383,362; Aug. 21.
Hydrocarbon fluids, Treating. E. W. S. Nicholson. 2,391,334; Dec. 18.
Hydrocarbon fluids, Treating. B. I. Smith and J. E. Donahue. 2,373,059; Apr. 3.
Hydrocarbon fractionation. W. W. Kraft. 2,376,923; May 29.
Hydrocarbon fractions, Treating. J. R. Callaway. 2,381,256; Aug. 7.
Hydrocarbon fuel blends. H. C. Paulsen. 2,385,158; Sept. 18.
Hydrocarbon fuels, Production of. W. E. Bradley. 2,376,472; May 22.
Hydrocarbon gases by hydration, Treatment of. A. J. L. Hutchinson and I. C. Bechtold. 2,375,559; May 8.
Hydrocarbon gases, Separation of. E. J. Houdry and R. W. Blue. 2,390,536; Dec. 11.
Hydrocarbon materials, Treating. M. P. Matuszak. 2,375,675; May 8.
Hydrocarbon materials, Treatment of. M. P. Matuszak. 2,366,743; Jan. 9.
Hydrocarbon materials, Treatment of saturated. F. E. Frey. 2,389,971; Nov. 27.
Hydrocarbon oil. M. A. Dietrich. 2,387,501; Oct. 23.
Hydrocarbon oil composition. E. W. Cook and W. D. Thomas, Jr., 2,389,110; Nov. 13.
Hydrocarbon oil, Compounded. J. F. Nelson and L. A. Mikeska. 2,391,184; Dec. 18.
Hydrocarbon oil, Decolorizing. W. A. La Lande, Jr. 2,381,293; Aug. 7.
Hydrocarbon oil, Removing copper compounds from copper-sweetened. K. M. Brown. 2,390,868; Dec. 11.
Hydrocarbon oils, Conversion of. J. E. Ahlberg and C. L. Thomas. 2,369,001; Feb. 6.
Hydrocarbon oils, Conversion of. A. R. Goldsby. 2,387,508; Oct. 23.
Hydrocarbon oils, Sweetening. C. S. Morris. 2,366,545; Jan. 2.
Hydrocarbon oils, Treatment of. L. Carlson. 2,368,704; Feb. 6.
Hydrocarbon oils, Treatment of. L. Schmerling and V. N. Ipatieff. 2,388,937; Nov. 13.
Hydrocarbon oils with light hydrocarbons, Treating. W. K. Lewis. Re. 22,612; Mar. 6.
Hydrocarbon polymerization. E. C. Hughes. 2,390,100; Dec. 4.
Hydrocarbon polymerization process. E. E. Stahly and P. B. Johnson. 2,385,237; Sept. 18.
Hydrocarbon products, Compounded. D. W. Young. 2,390,342; Dec. 4.
Hydrocarbon sweetening. E. H. Bender. 2,373,645; Apr 17.
Hydrocarbon synthesis. G. L. Mateer and A. B. George. 2,371,402; Mar. 13.
Hydrocarbon synthesis. C. H. Schlesman. 2,378,439; June 19.
Hydrocarbon synthesis reaction. F. T. Barr. 2,384,874; Sept. 18.
Hydrocarbon treatment. S. C. Fulton and T. Cross, Jr. 2,380,228; July 10.
Hydrocarbon, Treatment of. C. L. Thomas and V. Haensel. 2,384,505; Sept. 11.
Hydrocarbon treatment, Residual. J. B. Bates. 2,380,391; July 31.
Hydrocarbonaceous materials, Hydrogenation of. C. L. Thomas. 2,377,728; June 5.
Hydrocarbons, Alkylated aromatic. P. J. Gaylor. 2,384,295; Sept. 4.
Hydrocarbons, Alkylation of. E. R. Kanhofer and B. M. Becker. 2,374,819; May 1.
Hydrocarbons, Alkylation of. W. A. Schulze. 2,378,040; June 12.
Hydrocarbons, Alkylation of aromatic. V. N. Ipatieff and L. Schmerling. 2,374,600; Apr. 24.
Hydrocarbons, Alkylation of aromatic. C. B. Linn. 2,372,505; Mar. 27.
Hydrocarbons, Alkylation of aromatic. C. B. Linn. 2,373,580; Apr. 10.
Hydrocarbons, Alkylation of aromatic. R. E. Schaad. 2,387,948; Oct. 30.
Hydrocarbons, Alkylation of aromatic. L. Schmerling and V. N. Ipatieff. 2,375,041; May 1.
Hydrocarbons and making mercaptans, Separating. D. E. Badertscher, H. L. Coonradt, and D. J. Crowley. 2,387,224; Oct. 16.
Hydrocarbons and waxes and the products so produced, Separating. F. J. Sowa. 2,383,521; Aug. 28.
Hydrocarbons, Bodying agent for liquid. A. Minich. 2,390,609; Dec. 11.
Hydrocarbons by the action of liquid aluminum halide-hydrocarbon complex, Catalytically converting. L. R. Strawn. 2,389,651; Nov. 27.
Hydrocarbons, Catalytic conversion of. J. E. Ahlberg. 2,374,404; Apr. 24.
Hydrocarbons, Catalytic conversion of. A. Belchetz. 2,369,523; Feb. 13.
Hydrocarbons, Catalytic conversion of. R. E. Burk and E. C. Hughes. 2,374,175; Apr. 24.
Hydrocarbons, Catalytic conversion of. D. K. Finlayson. 2,390,244; Dec. 4.
Hydrocarbons, Catalytic conversion of. W. Kiersted, Jr. 2,378,734; June 19.
Hydrocarbons, Catalytic conversion of. E. E. Sensel 2,378,733; June 19.
Hydrocarbons, Catalytic cracking of. J. D. Danforth. 2,378,200; June 12.
Hydrocarbons, Catalytic cracking of oxidized. R. F. Ruthruff. 2,390,556; Dec. 11.
Hydrocarbons, Catalytic dehydrogenation of. K. K. Kearby. 2,370,797–8; Mar. 6.
Hydrocarbons, Catalytic isomerization of. A. E. Robertson. 2,388,081; Oct. 30.
Hydrocarbons, Catalytic treatment of. C. J. Helmers. 2,374,095; Apr. 17.
Hydrocarbons, Conversion of. C. H. Alberding. 2,371,726; Mar. 20.
Hydrocarbons, Conversion of. H. V. Atwell. 2,389,713; Nov. 27.
Hydrocarbons, Conversion of. R. T. Bell, H. O. Folkins and C. M. Thacker. 2,374,167; Apr. 24.
Hydrocarbons, Conversion of. R. T. Bell and C. M. Thacker. 2,384,877; Sept. 18.
Hydrocarbons, Conversion of. S. F. Birch and D. M. Besly. 2,373,740; Apr. 17.
Hydrocarbons, Conversion of. H. S. Bloch and C. L. Thomas. 2,369,009; Feb. 6.
Hydrocarbons, Conversion of. R. M. Cornforth. 2,372,711; Apr. 3.
Hydrocarbons, Conversion of. G. S. Dunham. 2,374,338; Apr. 24.
Hydrocarbons, Conversion of. A. R. Goldsby. 2,370,030; Feb. 20.
Hydrocarbons, Conversion of. V. Haensel and B. S. Friedman. 2,378,216; June 12.
Hydrocarbons, Conversion of. F. P. Jahn and A. G. Oblad. 2,374,102; Apr. 17.
Hydrocarbons, Conversion of. C. B. Linn and V. N. Ipatieff. 2,381,828; Aug. 7.
Hydrocarbons, Conversion of. M. M. Marisic. 2,384,943; Sept. 18.
Hydrocarbons, Conversion of. W. J. Mattox. 2,385,524; Sept. 25.
Hydrocarbons, Conversion of. M. P. Matuszak. 2,387,162; Oct. 16.
Hydrocarbons, Conversion of. E. F. Pevere. 2,389,739; Nov. 27.
Hydrocarbons, Conversion of. J. T. Pinkston, Jr. 2,382,910; Aug. 14.
Hydrocarbons, Conversion of. J. A. Reid. 2,389,240; Nov. 20.
Hydrocarbons, Conversion of. C. Richter. 2,366,805; Jan. 9.
Hydrocarbons, Conversion of. R. F. Ruthruff. 2,372,018; Mar. 20.
Hydrocarbons, Conversion of. R. F. Ruthruff. 2,391,481; Dec. 25.
Hydrocarbons, Conversion of. G. B. Zimmerman. 2,388,942; Nov. 13.
Hydrocarbons, Conversion of. G. B. Zimmerman. 2,390,285; Dec. 4.
Hydrocarbons, Conversion of paraffin. P. L. Cramer and C. R. Begeman. 2,373,295; Apr. 10.
Hydrocarbons, Converting. J. G. Allen and I. L. Wolk. 2,377,847; June 12.
Hydrocarbons, Converting. F. E. Frey. 2,384,294; Sept. 4.
Hydrocarbons, Cracking. J. W. Teter. 2,376,833; May 22.
Hydrocarbons, Cracking and reforming of. H. Gershinowitz. 2,370,533; Feb. 27.
Hydrocarbons, Dehydrocyclization of aliphatic. V. N. Ipatieff and V. Haensel. 2,386,957; Oct. 16.
Hydrocarbons, Dehydrogenating. W. A. Schulze. 2,384,645; Sept. 11.

Hydrocarbons, Dehydrogenation of. H. E. Drennan. 2,371,809; Mar. 20.
Hydrocarbons, Dehydrogenation of. W. R. F. Guyer. 2,374,932; May 1.
Hydrocarbons, Dehydrogenation of. W. A. Schulze. 2,377,579; June 5.
Hydrocarbons, Dehydrogenation of. W. A. Schulze, J. C. Hillyer, and H. E. Drennan. 2,367,620; Jan. 16.
Hydrocarbons, Dehydrogenation of. W. A. Schulze and J. C. Hillyer. 2,367,621; Jan. 16.
Hydrocarbons, Dehydrogenation of. W. A. Schulze, J. C. Hillyer, and H. E. Drennan. 2,367,622–3; Jan. 16.
Hydrocarbons, Dehydrogenation of. W. A. Schulze and J. C. Hillyer. 2,371,350; Mar. 20.
Hydrocarbons, Dehydrogenation of. W. A. Schulze and J. C. Hillyer. 2,381,691–3; Aug. 7.
Hydrocarbons, Dehydrogenation of. C. L. Thomas. 2,377,113; May 29.
Hydrocarbons, Dehydrogenation of aliphatic. I. L. Wolk. 2,367,479; Jan. 16.
Hydrocarbons derived from styrene and its homologues, Manufacture and use of. D. C. Quin. 2,386,507; Oct. 9.
Hydrocarbons, Desulphurizing. L. W. Royer. 2,379,654; July 3.
Hydrocarbons, Extraction of. H. H. Gross and I. F. German, Jr. 2,383,057; Aug. 21.
Hydrocarbons, Extraction of. C. E. Welling. 2,382,119; Aug. 14.
Hydrocarbons, Fractionation of. J. B. White. 2,377,736; June 5.
Hydrocarbons from admixture with hydrogen fluoride, Removal of light. K. H. Hacmuth. 2,376,051; May 15.
Hydrocarbons from alcohols with tetraprosphoric acid catalyst, Synthesizing. J. W. Jean. 2,373,475; Apr. 10.
Hydrocarbons from high-pressure fluids, Recovery of. A. D. Garrison. 2,374,091; Apr. 17.
Hydrocarbons from high-pressure fluids, Recovery of. A. D. Garrison and W. D. Yale. 2,388,048; Oct. 30.
Hydrocarbons from high pressure wells, Recovery of liquid. C. G. Kirkbride. 2,374,104; Apr. 17.
Hydrocarbons from hydrogen and carbon monoxide, Synthesis of multilink. W. Feistt, O. Roelen, and W. Schuff. 2,369,956; Feb. 20.
Hydrocarbons from petroleum, Production of purified aromatic. E. G. Borden. 2,375,464; May 8.
Hydrocarbons from solutions thereof in ammonia, Separation of unsaturated aliphatic. H. S. Nutting and L. H. Horsley. 2,370,063; Feb. 20.
Hydrocarbons, Halogenation of saturated. J. C. Schiller. 2,368,495; Jan. 30.
Hydrocarbons, Isomerization of. J. Anderson, S. H. McAllister, and W. E. Ross. 2,387,868; Oct. 30.
Hydrocarbons, Isomerization of. J. R. Callaway and W. E. Skelton. 2,367,333; Jan. 16.
Hydrocarbons, Isomerization of. W. W. Roach. 2,378,728; June 19.
Hydrocarbons, Isomerizing. W. E. Ross and T. Vermeulen. 2,379,749; July 3.
Hydrocarbons, Isomerization of. E. E. Stahly and L. E. Pirkle. 2,373,063; Apr. 3.
Hydrocarbons, Isomerization of. C. W. Watson. 2,368,733; Feb. 6.
Hydrocarbons, Isomerization of paraffin. M. M. Stewart. 2,381,562; Aug. 7.
Hydrocarbons, Isomerization of polyolefinic. R. C. Morris and J. L. Van Winkle. 2,375,024; May 1.
Hydrocarbons, Isomerization of saturated. V. N. Ipatieff, and H. Pines. 2,382,881–2; Aug. 14.
Hydrocarbons, Manufacture of. P. Herold, H. Kaufmann, and A. Woerner. 2,371,890; Mar. 20.
Hydrocarbons, Manufacture of antiknock. L. C. Kemp. 2,366,627; Jan. 2.
Hydrocarbons, Manufacture of aromatic. F. J. Sowa. 2,367,535; Jan. 16.
Hydrocarbons, Manufacture of cyclic. A. L. Foster. 2,387,989; Oct. 30.
Hydrocarbons, Method and apparatus for the conversion of. L. P. Evans. 2,389,493; Nov. 20.
Hydrocarbons, Method and apparatus for the conversion of. C. H. Liechthaler. 2,384,932; Sept. 18.
Hydrocarbons, Modifying aromatic. F. E. Frey and J. P. Jones. 2,373,303; Apr. 10.
Hydrocarbons, Nitrilation of. J. W. Teter. 2,385,741; Sept. 25.
Hydrocarbons, Oxidation of paraffinic. S. Hirsch. 2,391,236; Dec. 18.
Hydrocarbons, Polymerization of. F. E. Frey. 2,377,411; June 5.
Hydrocarbons, Polymerization of conjugated diene. G. L. Browning, Jr. 2,385,190; Sept. 18.
Hydrocarbons, Polymerizing olefinic. W. E. Hanford. 2,373,561; Apr. 10.
Hydrocarbons, Preparation of unsaturated. R. C. Morris and R. J. Moore. 2,370,412; Feb. 27.
Hydrocarbons, Process and catalyst for the conversion of. W. A. Bailey, Jr. 2,377,744; June 5.
Hydrocarbons, Process and reagent for treating. W. A. Schulze and L. C. Morris. 2,386,356; Oct. 9.
Hydrocarbons, Processing of. E. W. M. Fawcett and E. S. Narracott. 2,389,659; Nov. 27.
Hydrocarbons, Processing of. E. W. M. Fawcett and E. S. Narracott. 2,391,775; Dec. 25.
Hydrocarbons, Producing unsaturated chlorinated. W. T. Nichols. 2,369,485; Feb. 13.
Hydrocarbons, Production of. M. Pier, G. Free, and W. v. Fuener. 2,388,008; Oct. 30.
Hydrocarbons, Production of aromatic. D. L. Fuller and B. S. Greensfelder. 2,378,209; June 12.
Hydrocarbons, Production of aromatic. H. H. Meier. 2,375,573; May 8.
Hydrocarbons, Production of gasoline. C. F. Teichmann, A. R. Goldsby, G. A. Kessler, and M. Neuhaus. 2,370,507; Feb. 27.
Hydrocarbons, Production of high-purity aromatic. D. F. Gould. 2,389,041; Nov. 13.
Hydrocarbons, Production of olefinic. H. S. Bloch and R. E. Schaad. 2,389,406; Nov. 20.
Hydrocarbons, Production of valuable. N. K. Chaney. 2,369,281; Feb. 13.
Hydrocarbons, Production of valuable. N. K. Chaney and E. L. Hall. 2,383,772; Aug. 28.
Hydrocarbons, Production of valuable. E. L. Hall. 2,371,616; Mar. 20.
Hydrocarbons, Production of valuable. E. L. Hall. 2,372,197; Mar. 27.
Hydrocarbons, Production of valuable. E. L. Hall and H. G. Terzian. 2,372,198; Mar. 27.
Hydrocarbons, Purification of unsaturated. W. A. Schulze. 2,386,353; Oct. 9.
Hydrocarbons, Reaction of. L. P. Elliott. 2,368,063; Jan. 23.
Hydrocarbons, Recovering. F. E. Frey. 2,382,471; Aug. 14.
Hydrocarbons, Recovery of. L. C. Morris. 2,386,333; Oct. 9.
Hydrocarbons, Recovery of. G. H. Short. 2,386,360; Oct. 9.
Hydrocarbons, Recovery of olefinic. R. C. Morris and T. W. Evans. 2,371,908; Mar. 20.
Hydrocarbons, Recovery of valuable. H. M. Weir. 2,383,174; Aug. 21.
Hydrocarbons, Refining. G. A. Lorenz. 2,368,554; Jan. 30.
Hydrocarbons, Removal of acetylenes from gaseous mixtures of. C. E. Morrell and M. W. Swaney. 2,370,809; Mar. 6.
Hydrocarbons, Separating. C. E. Welling. 2,386,375; Oct. 9.
Hydrocarbons, Separating. C. E. Welling. 2,386,523; Oct. 9.
Hydrocarbons, Separation and purification of. J. A. Patterson. 2,391,102; Dec. 18.
Hydrocarbons, Separation of. T. W. Evans and R. C. Morris. 2,389,144; Nov. 20.
Hydrocarbons, Separation of. J. W. Latchum, Jr. 2,390,720; Dec. 11.
Hydrocarbons, Separation of. A. C. McKinnis. 2,388,429; Nov. 6.
Hydrocarbons, Separation of. L. C. Morris. 2,386,334–5; Oct. 9.
Hydrocarbons, Separation of. J. W. Tooke. 2,367,701; Jan. 23.
Hydrocarbons, Separation of. J. W. Tooke. 2,368,050; Jan. 23.
Hydrocarbons, Separation of. W. J. Sweeney. 2,378,808; June 19.
Hydrocarbons, Solidified normally liquid. A. J. Laliberte. 2,385,361–3; Sept. 25.
Hydrocarbons, Solidified normally liquid. A. J. Laliberte. 2,385,817–18; Oct. 2.
Hydrocarbons, Solidified normally liquid. A. J. Laliberte. 2,386,805; Oct. 16.
Hydrocarbons, Solvent extraction. A. L. Wilson. 2,381,092; Aug. 7.
Hydrocarbons, Stabilization of unsaturated. W. A. Schulze. 2,386,272; Oct. 9.
Hydrocarbons, Treating. D. R. Blumer. 2,389,230; Nov. 20.
Hydrocarbons, Treating. H. E. Drennan and W. A. Schulze. 2,386,300; Oct. 9.
Hydrocarbons, Treating. F. D. Mayfield. 2,371,342; Mar. 13.
Hydrocarbons, Treatment of. R. C. Archibald. 2,370,707; Mar. 6.
Hydrocarbons, Treatment of. J. G. M. Bremner, P. W. Reynolds and A. W. C. Taylor. 2,382,394; Aug. 14.
Hydrocarbons, Treatment of. A. V. Grosse and C. B. Linn. 2,391,415; Dec. 25.
Hydrocarbons, Treatment of. H. L. Hays. 2,378,079; June 12.
Hydrocarbons, Treatment of. W. J. Mattox. 2,383,206; Aug. 21.
Hydrocarbons, Treatment of. J. C. Morrell. 2,375,021; May 1.
Hydrocarbons, Treatment of. D. Read, Jr. 2,384,339; Sept. 4.
Hydrocarbons, Treatment of. R. F. Ruthruff. 2,391,482; Dec. 25.
Hydrocarbons, Treatment of. W. A. Schulze. 2,377,580; June 5.
Hydrocarbons, Treatment of. W. A. Schulze. 2,386,350–2; Oct. 9.
Hydrocarbons, Treatment of. W. A. Schulze and J. C. Hillyer. 2,386,983; Oct. 16.
Hydrocarbons, Treatment of. W. A. Schulze and L. C. Morris. 2,386,357; Oct. 9.
Hydrocarbons, Treatment of. M. Souders, Jr., and R. N. Shiras. 2,366,570; Jan. 2.

Hydrocarbons, Treatment of. P. L. Voltman. 2,374,313; Apr. 24.
Hydrocarbons, Treatment of. W. A. Yarnall. 2,378,057; June 12.
Hydrocarbons, Treatment of aromatic. L. Schmerling and V. N. Ipatieff. 2,369,495; Feb. 13.
Hydrocarbons, Treatment of light. G. G. Oberfell and J. F. Jones. 2,376,078; May 15.
Hydrocarbons using an aluminum halide-hydrocarbon complex catalyst, Isomerizing paraffin. C. W. Nysewander and N. Fragen. 2,375,321; May 8.
Hydrochloride film, Plasticized rubber. La V. E. Cheyney and H. J. Osterhof. 2,385,534; Sept. 25.
Hydroelectric power unit. J. Kalix. 2,366,732; Jan. 9.
Hydrofluosilicic acid and/or fluosilicates, Producing. G. F. Moore. 2,369,791; Feb. 20.
Hydrogen chloride-aluminum chloride hydrocarbon conversion processes. W. A. Proell and F. K. Ovitz. 2,382,814; Aug. 14.
Hydrogen chloride, Synthesizing. A. H. Maude. 2,366,670; Jan. 2.
Hydrogen fluoride, Recovery of. F. E. Frey. 2,388,135; Oct. 30.
Hydrogen fluoride recovery process. W. A. Schulz and W. N. Axe. 2,379,041; June 26.
Hydrogen halide from halogenated hydrocarbons, Splitting-off of. M. Mugdan and D. H. R. Barton. 2,379,372; June 26.
Hydrogen halide, Recovering. B. S. Friedman. 2,386,944; Oct. 16.
Hydrogen halides, Purification of. H. Pines and H. S. Bloch. 2,389,457; Nov. 20.
Hydrogen-nitrogen mixtures, Production of. J. H. Shapleigh. 2,381,696; Aug. 7.
Hydrogen peroxide, Preparation of. A. E. Lacombe. 2,375,257; May 15.
Hydrogen peroxide, Preparing. G. Pfleiderer and H.-J. Riedl. 2,369,912; Feb. 20.
Hydrogen peroxide, Production of. G. A. Cook. 2,368,640; Feb. 6.
Hydrogen sulphide from hydrocarbon liquid, Removing. R. M. Reed. 2,383,416; Aug. 21.
Hydrogenation process. W. J. Kirkpatrick. 2,367,287; Jan. 16.
Hydromechanical power transmission. H. Buthe. 2,385,058–9; Sept. 18.
Hydrometer. E. B. Westlake, Jr. 2,384,664; Sept. 11.
Hydroquinone composition. E. Schwenk and E. E. Henderson. 2,376,884; May 29.
Hydroquinone, Manufacture of. B. B. Gralow. 2,373,887; Apr. 17.
Hydrosol or Irish moss and preparing the same. G. W. Stayle. 2,375,259; May 8.
Hydrosulphides, Manufacture of sodium. A. P. Julien and G. N. Terziev. 2,376,433; May 22.
Hydrosulphides, Manufacture of sodium. C. L. Koenig. 2,376,434; May 22.
Hydrosulphides, Manufacture of sodium. A. W. Saddington. 2,376,435; May 22.
Hydroxy derivatives of aliphatic acids and new compounds produced thereby, Preparing. H. H. Sobotka and M. I. Rubin. 2,390,335; Dec. 4.
Hydroxy fatty acids, Production of. D. Price and R. Griffith. 2,367,050; Jan. 9.
Hydroxydihydronorpolycyclopentadienes and their preparation. H. A. Bruson. 2,385,788; Oct. 2.
Hydroxydiphenyls, Production of. R. L. Jenkins. 2,388,361; Jan. 30.
Hydroxylammonium salts, Production of. P. F. Tryon. 2,388,072; Jan. 23.
Hydroxylated dehydroabietic acid compounds, Producing. W. P. Campbell. 2,367,000; Jan. 9.
Hydroxytetrahydronorpolycyclopentadienes. H. A. Bruson. 2,374,173; Apr. 24.
Hygrometer. L. McCulloch. 2,381,299; Aug. 7.
Hygroscopic plastics, Drying. R. T. Northcutt and R. T. Northcutt, Jr. 2,391,033; Dec. 18.
Hygroscopic solutions, Concentration of. J. W. Spiselman. 2,367,695; Jan. 23.
Hyperbolic curve plotting apparatus. E. McKaba. 2,385,827; Oct. 2.
Hypochlorite, Producing neutral calcium. H. L. Robson. 2,388,042; Jan. 23.
Hypochlorite Production of hemibasic calcium. H. L. Robson. 2,374,835; May 1.
Ice formation on aircraft, Prevention of. W. D. Jones. 2,372,581; Mar. 27.
Ice gripper. L. A. Priess. 2,366,649; Jan. 2.
Ice maker, Automatic. T. W. Rundell. 2,376,819; May 22.
Ice making apparatus. G. S. Hill. Re. 22,689; Nov. 6.
Ice making apparatus. G. S. Hill. 2,374,997; May 1.
Ice-making machine. W. P. Gruner. 2,387,899; Oct. 30.
Ice, Manufacture of. J. R. MacDonald. 2,387,921; Oct. 30.
Ice pack. J. M. Kearney. 2,378,087; June 12.
Ice prevention means for aircraft. A. Loufek. 2,374,441; Apr. 24.
Ice tray, Ferrous metal. A. L. Bunting and A. C. Schultz. 2,383,589; Aug. 28.
Identification card and making the same, Tamperproof. F. S. Carver. 2,373,540; Apr. 10.
Identification device. V. S. Thomander. 2,390,817; Dec. 11.
Identification means for documents. L. R. Barghausen. 2,374,723; May 1.
Identification of materials. B. W. Collins. 2,390,512; Dec. 11.
Identifier, Star. F. H. Hagner. 2,372,487; Mar. 27.
Identifier, Station. H. A. Wahlstrand. 2,390,672; Dec. 11.
Idler for conveyer belts, Self-aligning. E. E. Landahl. 2,391,249; Dec. 18.
Igniter for grenades and the like. J. W. Edmands. 2,391,823; Dec. 25.
Igniting a torch under water, Means for. M. di Zoppola. 2,383,046; Aug. 21.
Ignition apparatus. H. L. Hartsell. 2,372,490; Mar. 27.
Ignition apparatus. J. R. Frei. 2,377,621; June 5.
Ignition apparatus. C. Messerschmidt. 2,377,353; June 5.
Ignition apparatus. W. J. Spengler. 2,373,981; Apr. 17.
Ignition apparatus, High tension spark. I. J. Hulbert and P. Tatlow. 2,379,004; June 26.
Ignition breaker. H. L. Fuston. 2,384,828; Sept. 18.
Ignition composition. G. F. Rolland. 2,388,368; Nov. 6.
Ignition control. S. M. Udale. 2,383,898; Aug. 28.
Ignition control mechanism. A. V. Alvino. 2,371,016; Mar. 6.
Ignition control, Motor. F. E. Wood. 2,389,103; Nov. 13.
Ignition controlling device for internal-combustion engines. M. H. Elkin. 2,387,891; Oct. 30.
Ignition device. P. L. Bucy. 2,384,438; Sept. 11.
Ignition device. E. Olson and S. M. Udale. 2,384,692; Sept. 11.
Ignition lead, Shielded. F. H. Wetzel. 2,389,705; Nov. 27.
Ignition means. M. C. Sawyer. 2,380,707; July 31.
Ignition switch. E. E. Johnson. 2,378,853; June 19.
Ignition system. W. E. Berkey and R. Lamphere. 2,378,893; June 26.
Ignition system. A. A. Kasarjian. 2,376,362; May 22.
Ignition system. W. I. Linlor. 2,377,793; June 5.
Ignition system. G. H. Marmont. 2,390,842; Dec. 11.
Ignition system. T. P. Robinson, R. T. Coe, and D. F. Welch. 2,376,189; May 15.
Ignition system. S. Ruben. 2,389,638; Nov. 27.
Ignition system. F. D. Williams, Jr. 2,389,639; Nov. 27.
Ignition system and magneto therefor. K. A. Harmon and R. V. Atwood. 2,378,705; June 19.
Ignition system for internal-combustion engines. M. Mallory. 2,381,610; Aug. 7.
Ignition system for internal-combustion engines. W. L. Mayo. 2,383,876; Aug. 28.
Ignition system for pulverized coal burners. E. A. Holden. 2,382,483; Aug. 14.
Ignition system, High frequency. S. Ruben. 2,389,637; Nov. 27.
Ignition system, High frequency. S. Ruben. 2,389,640; Nov. 27.
Ignition timing. H. T. Jarvis. 2,380,967; Aug. 7.
Ignition timing. W. A. Parkins, G. N. Cole, and A. E. Smith. 2,390,166; Dec. 4.
Ignition timing control means for internal-combustion engines. M. Mallory. 2,376,973; May 29.
Ignition timing control means for internal-combustion engines. M. Mallory. 2,381,612; Aug. 7.
Ignition timing system. H. T. Jarvis. 2,373,685; Apr. 17.
Ignition tube timing arrangement. P. L. Spencer. 2,379,462; July 3.
Illuminated motion display. F. Hotchner. 2,371,172; Mar. 13.
Illuminating arrangement. F. G. Back. 2,391,611; Dec. 25.
Illuminating device. L. B. Hall. 2,373,559; Apr. 10.
Illuminating device. W. C. Wagner. 2,387,816; Oct. 30.
Illuminating tube system. C. P. Boucher. 2,366,768; Jan. 9.
Illumination of rooms. L. Schwarzmayr. 2,379,933; July 10.
Illuminator for flashlights, Color. Le R. O. Brown. 2,389,591; Nov. 27.
Ilmenite by two stage flotation process, Recovery of. R. A. Pickens. 2,387,856; Oct. 30.
Image intensification with sulphur dioxide, Latent. N. L. Simmons. 2,368,267; Jan. 30.
Images on metal plates, Making. C. J. Staud. 2,382,674; Aug. 14.
Imine condensation process. L. Orthner, W. Luce, and G. Wagner. 2,390,165; Dec. 4.
Imidazolines. S. Kaplan. 2,374,354; Apr. 24.
Iminopyrazolones and preparing them. H. D. Porter and A. Weissberger. 2,367,523; Jan. 16.
Immersing and centrifugal unit. F. M. Ronci. 2,387,299; Oct. 23.
Immersion apparatus. F. H. Mueller. 2,367,732; Jan. 23.
Immersion apparatus, Automatic. E. C. Welskopf. 2,386,079; Oct. 2.
Immersion control. B. E. Shaw. 2,376,091; May 15.
Immersion gauge. P. H. Burman. 2,369,335; Feb. 13.
Impact clutch. W. M. Emery. 2,373,664; Apr. 17.
Impact clutch. W. M. Emery. 2,373,666–7; Apr. 17.
Impact tool. J. C. Curtis. 2,385,797; Oct. 2.
Impact wrench. C. E. Fitch. 2,371,982; Mar. 20.
Impacting machine. R. J. S. Carter. 2,378,393; June 19.

Imparting to wool a gloss similar to that of natural silk. H. Phillips, W. R. Middlebrook, and A. E. Higgins. 2,373,974; Apr. 17.
Impedance adjuster. C. A. Segerstrom. 2,367,693; Jan. 23.
Impedance-relay or the like, Loop-type. S. L. Goldsborough. 2,380,164; July 10.
Impeller and closure, Combined. E. A. Mader. 2,383,001; Aug. 21.
Impeller and closure, Combined. E. A. Mader. 2,383,004; Aug. 21.
Impeller and governor for same. E. A. Mader. 2,383,002; Aug. 21.
Impeller, Blower. J. Fullemann. 2,366,251; Jan. 2.
Impeller wheels, Method of and apparatus for making. C. B. De Vlieg. 2,390,994; Dec. 18.
Implement, Agricultural. W. G. Charley. 2,382,001; Aug. 14.
Implement, Agricultural. J. L. Hipple. 2,383,386; Aug. 21.
Implement, Agricultural. A. P. McKay. Re. 22,627; Apr. 3.
Implement, Agricultural. G. H. Miller. 2,383,407; Aug. 21.
Implement, Agricultural. C. W. Mott. 2,381,552; Aug. 7.
Implement construction. L. Heckathorn. 2,380,594; July 31.
Implement construction. R. B. Hitchcock and W. C. Rosenthal. 2,376,539; May 22.
Implement, Cultivating. A. A. Scarlett. 2,371,924; Mar. 20.
Implement for beacons, Servicing. G. F. Stewart. 2,376,290; May 15.
Implement for soil preparation. D. L. Hill. 2,385,441; Sept. 25.
Implement, Fuse handling. N. A. Hemmerling. 2,379,433; July 3.
Implement, Garden. W. W. Keown. 2,376,970; May 29.
Implement, General purpose. D. Ostrander. 2,370,414; Feb. 27.
Implement, Grafting. G. M. Masunaga. 2,368,420; Jan. 30.
Implement hitch. B. C. Kuntz. 2,388,981; Nov. 13.
Implement, Material moving. R. G. Le Tourneau. 2,375,801; May 15.
Implement, Scouring. R. B. Kingman. 2,376,783; May 22.
Implement, Sharpening. E. Probst. 2,370,324; Feb. 27.
Implement, Shaving. I. Jepson. 2,370,542–3; Feb. 27.
Implement, Shaving. I. Jepson and T. C. Whiting. 2,370,544; Feb. 27.
Implement, Tractor-mounted. C. W. Mott. 2,366,281; Jan. 2.
Implement, Tractor propelled. G. W. Mork. Re. 22,662; Aug. 7.
Implement, Writing. H. C. Klagges. 2,390,541; Dec. 11.
Impregnating apparatus. W. P. Abell. 2,372,755; Apr. 3.
Impregnating composition for wood, Fire retarding. G. Jones and W. Juda. 2,386,471; Oct. 9.
Impregnating pressed metal articles. J. H. Lum. 2,376,706; May 22.
Impregnating solutions. B. O. Hilger. 2,366,612; Jan. 2.
Impregnation of lime with carbon. A. J. Abrams and L. B. Cook. 2,380,008; July 10.
Impression material. V. V. Vallandigham. 2,390,137; Dec. 4.
Impressions of eyeballs, Taking. H. E. Bessin. 2,370,389; Feb. 27.
Imprinting apparatus. B. T. Bickel. 2,384,807; Sept. 18.
Improved manufacture. J. C. Zimmer and A. J. Morway. 2,383,906; Aug. 28.
Impulse generator. L. A. Kilgore. 2,376,781; May 22.
Impulse generator. R. H. Severance. 2,376,557; May 22.
Impulse sender. H. T. Stenhammer. 2,389,695; Nov. 27.
Impulse sender for use in telephone or like systems. V. Beltrami. 2,368,104; Jan. 30.
Impulse transmitter. R. C. Mathes. 2,381,978; Aug. 14.
Incandescent electric lamp. J. W. Marden and G. Meister. 2,369,591; Feb. 13.
Incendiary missile. W. Nicholas. 2,374,230; Apr. 24.
Incinerator. R. Goder. 2,375,549; May 8.
Incinerator. I. Trevino. 2,387,693; Oct. 23.
Incinerator, Garbage. H. W. Sharpe. 2,384,496; Sept. 11.
Inclinometer. J. L. Chaney and G. D. Hunt. 2,384,453; Sept. 11.
Inclinometer. H. E. Malone. 2,366,346; Jan. 2.
Incubator for premature babies. E. L. Higginbotham. 2,369,396; Feb. 13.
Indene, Polymerization of. F. J. Soday. 2,373,714; Apr. 17.
Indenting machine. R. N. Sandberg. 2,377,377; June 5.
Index equipment and progressively adjustable signaling means for use therein. E. S. Roscoe. 2,370,074; Feb. 20.
Index for thermometers. J. Kahl. 2,370,968; Mar. 6.
Index head. V. V. Long. 2,371,902; Mar. 20.
Index mechanism. E. W. Bullock. 2,386,432; Oct. 9.
Index or record strip, Visible. H. J. Hopkins. 2,385,082; Sept. 18.
Indexing device for home recorders. G. G. Brown. 2,378,510; June 19.

Indexing fixture for machine tools. J. J. Osplack. 2,386,880; Oct. 16.
Indexing means. H. E. Oppenheimer. 2,369,173; Feb. 13.
Indexing means for rotary worktables. H. T. Hallowell, Jr. 2,376,137; May 15.
Indexing mechanism. H. V. Hoffman and V. R. Kaufman. 2,390,649; Dec. 11.
Indexing mechanism. O. Kylin. 2,375,114; May 1.
Indexing mechanism. R. A. Schafer and R. Rodal. 2,380,873; July 31.
Indexing mechanism. C. Weidauer and K. A. Doehm. 2,373,796; Apr. 17.
Indexing mechanism for automatic machines. L. O. Robbins. 2,389,744; Nov. 27.
Indexing mechanism for machine tables. A. M. Johnson. 2,389,668; Nov. 27.
Indexing unit. F. P. Baum. 2,385,396; Sept. 25.
Indicating aircraft flight condition. V. De Samsonow. 2,380,635; July 31.
Indicating and metering system, Liquid-flow. D. W. Turner. 2,370,210; Feb. 27.
Indicating apparatus. A. E. Dodd. 2,379,219; June 26.
Indicating apparatus, Resonance. C. A. Rosencrans. 2,380,791; July 31.
Indicating appliance, Deep hole. E. V. Page. 2,383,272; Aug. 21.
Indicating device. P. R. Heygel. 2,370,165; Feb. 27.
Indicating device. E. A. Korevec. 2,374,439; Apr. 24.
Indicating device. E. Norrman. 2,366,800; Jan. 9.
Indicating device. W. V. Roberts. 2,366,355; Jan. 2.
Indicating device. M. C. Smith. 2,384,653; Sept. 11.
Indicating device responsive to a condition. C. Levy-Savoye. 2,381,826; Aug. 7.
Indicating instrument, Flight level. B. W. H. Cocks. 2,383,468; Aug. 28.
Indicating means for pumps. N. F. Zapf. 2,370,103; Feb. 20.
Indicating mechanism for liquid dispensing devices. D. E. Bench and M. A. Crosby. 2,378,532; June 19.
Indicating signal. H. F. Rempt. 2,370,542; July 3.
Indicating, supervising, or control system, Remote. J. R. Harrington and R. L. Merrill. 2,384,167; Sept. 4.
Indicating system. C. A. Braidwood. 2,374,408; Apr. 24.
Indicating system. B. F. Langer. 2,390,797; Dec. 11.
Indicating system. E. Monori. 2,374,030; Apr. 17.
Indicating system particularly for the mensure of angles. J. Ahier and R. Hardy. 2,380,929; Aug. 7.
Indicating system, Remote. H. D. Warshaw. 2,368,278; Jan. 30.
Indicator: *See*—
Abnormal motor condition indicator.
Ammunition rounds indicator.
Angle modulated wave resonance indicator.
Audible stall indicator.
Automotive gearshift indicator.
Center-of-gravity location indicator.
Combination aerial and turn indicator.
Compression indicator.
Dew point indicator.
Dial indicator.
Drift indicator.
Electric switch plug and socket indicator.
Elapsed time indicator.
Electromagnetic wave direction indicator.
Electric position indicator.
Electroresponsive indicator.
Flow indicator.
Fluid influx indicator.
Fore-and-aft draft indicator.
Frequency modulation receiver intensity indicator.
Gasoline mixture indicator.
Grade indicator.
Gyroscopic angular velocity indicator.
Liquid level indicator.
Lubrication indicator.
Mosaic sensitivity indicator.
Page end indicator.
Parking indicator.
Parking time indicator.
Phase angle indicator.
Pitot-static air-speed indicator.
Printing point indicator.
Rate of climb indicator.
Rate of turn meter and bank indicator.
Remote-control speed indicator.
Revolution indicator.
Score indicator.
Selenium rectifier temperature indicator.
Slip indicator.
Slow feed indicator.
Sonant respiration indicator.
Stall indicator.
Temperature indicator.
Tension indicator.
Totallzing liquid level indicator.
Tow glider position indicator.
Trim angle indicator.
Valve indicator.
Valve position indicator.
Vehicle indicator.
Vehicle turn indicator.
Visual fluid flow indicator
Voltage indicator.
Wind indicator.
X-ray dosage indicator.
Indicator. G. E. Coxon. 2,368,289; Jan. 30.
Indicator. S. C. Hayward. 2,367,577; Jan. 16.
Indicator. J. B. Malatesta, Jr. 2,382,495; Aug. 14.
Indicator. H. F. Malone. 2,368,313; Jan. 30.
Indicator. C. W. Parisi. 2,379,591; July 3.
Indicator. E. V. Sundt and J. Purcell. 2,388,448–9; Nov. 6.
Indicator and controller, Combined liquid-level. J. Dixon. 2,377,330; June 5.
Indicator and detector for fire extinguishers. P. C. Wharff. 2,378,345; June 12.
Indicator and hood lock, Automobile theft. C. E. Kolias. 2,385,285; Sept. 18.

Indicator and recorder for molten glass, Level. R. E. Holdman. 2,380,436; July 31.
Indicator and system, Aircraft flight. E. Norden, F. Q. Gemmill, and E. J. Isbister. 2,384,484; Sept. 11.
Indicator device. P. S. de Beaumont. 2,390,643; Dec. 11.
Indicator drive for reciprocating engines. K. Froehlich. 2,381,273; Aug. 7.
Indicator for conduits. D. U. Mauldin. 2,371,251; Mar. 13.
Indicator for control means. H. C. Grant, Jr. 2,367,674; Jan. 23.
Indicator for cutoff knives, Sheet length. T. S. Fitchett. 2,376,763; May 22.
Indicator for drilling mud, Specific gravity. J. B. Warren, Jr. 2,373,795; Apr. 17.
Indicator for dust suction pipes, Sweeping. D. B. Replogle. 2,373,915; Apr. 17.
Indicator for engine pistons, Positioning. F. H. Andrus. 2,386,179; Oct. 9.
Indicator for magnetic fields. L. F. Beach. 2,383,459; Aug. 28.
Indicator for remote control deck sockets, Universal. E. L. Hadden. 2,379,517; July 3.
Indicator for suction cleaning devices, Dust flow. D. B. Replogle. 2,373,916; Apr. 17.
Indicator for tools, Micrometer. J. A. Fillery. 2,386,671; Oct. 9.
Indicator for variable propellers. V. A. Hoover and T. Barish. 2,370,167; Feb. 27.
Indicator, such as may be used as tuning scales for radio receivers, Graduated scale. C. S. Cockerell. 2,373,168; Apr. 10.
Indicator system, Vacuum gauge. I. E. Grosdoff. 2,383,600; Aug. 28.
Indicia and method of applying. R. J. Leander. 2,381,605; Aug. 7.
Indicia to explosive shells, cartridge cases and the like, Method and apparatus for applying. J. H. Payne. 2,389,073; Feb. 6.
Indium, Recovery of. H. M. Doran, M. A. Jackson, and A. I. Alf. 2,384,610; Sept. 11.
Indium, Recovery of. M. F. W. Heberlein. 2,378,848; June 19.
Inductance tuning, Variable. D. E. Foster. 2,375,911; May 15.
Induction heating. W. Richter. 2,371,066; Mar. 6.
Induction heating coil. R. M. Baker, H. G. Frostick and C. C. Whittaker. 2,381,246; Aug. 7.
Induction regulator. G. P. Lessmann and L. G. Tubbs. 2,372,096; Mar. 20.
Induction system for internal-combustion engines. M. Ciecierski, Jr. 2,375,080; May 1.
Inductive device. H. J. McCreary. 2,381,763; Aug. 7.
Inductive device, Variable. R. H. Ricker. 2,379,457; July 3.
Inductor apparatus. H. A. Strickland, Jr. 2,381,143; Aug. 7.
Inductor, Variable. A. P. Bock. 2,367,922; Jan. 23.
Industrial brake. S. Schnell. 2,384,346; Sept. 4.
Industrial furnace. K. W. Stookey. 2,379,196; June 26.
Infant carrier. L. Chamberlain. 2,376,657; May 22.
Infant's folding toilet seat. W. C. Baxter. 2,382,953; Aug. 21.
Infant's toilet seat. R. C. Lewis. 2,388,856; Nov. 13.
Infeed control for worm gear hobbing machines. G. Davenport. 2,374,258; Apr. 24.
Inflatable articles, Sealing. A. H. Crandall. 2,371,029; Mar. 6.
Inflatable boat bottom. J. G. Kreyer. 2,367,835; Jan. 23.
Inflammable gases, Treating. F. J. Kurth. 2,389,059; Nov. 13.
Inflation unit for inflatable flotation devices. J. A. Honegger and A. W. Keeshan. 2,378,294; June 26.
Infusion package manufacture. L. Barnett. 2,390,071; Dec. 4.
Infusions, Process and apparatus for making. M. H. Graham. 2,385,132; Sept. 18.
Ingots, Casting. L. B. Lindemuth. 2,373,036; Apr. 3.
Ingot, Casting. A. R. Rowe. 2,366,289; Jan. 2.
Inhaler. J. A. La Bille. 2,380,182; July 10.
Inhaler. J. A. La Bille. 2,387,917; Oct. 30.
Inhibiting cracking of polymeric bodies. W. O. Baker. 2,373,093; Apr. 10.
Inhibiting deterioration of organic compounds. B. H. Lincoln. 2,370,552; Feb. 27.
Inhibiting hydrochloric acid against corrosiveness to ferrous metals. T. B. McCulloch. 2,380,254; July 10.
Inhibition, Pipe line corrosion. A. Wachter and R. S. Treseder. 2,385,175; Sept. 18.
Inhibitors, Manufacture of. C. D. Lowry, Jr. 2,387,920; Oct. 30.
Inhibitors, Pickling. W. H. Hill. 2,384,467; Sept. 11.
Initiator, Electric blasting. S. L. Handforth and C. R. Johnson. 2,376,427; May 22.
Initiator, Polymerization. C. F. Fryling. 2,378,694; June 19.
Initiator, Polymerization. W. D. Stewart. 2,381,702; Aug. 7.
Injection molding machines. H. W. Shaver. 2,367,144; Jan. 9.
Injection valve spark plug. L. Beeh. 2,391,220; Dec. 18.
Injector. R. H. Hanlon and F. B. Farnsworth. 2,381,216; Aug. 7.
Injector. J. B. Hopper. 2,386,465; Oct. 9.
Injector. H. E. F. C. Lingenbrink. 2,369,151; Feb. 13.
Injector. A. Williams and E. Henkel. 2,389,656; Nov. 27.
Injector for conduits. L. Klingen. 2,386,122; Oct. 2.
Injector operating means. O. E. Watson. 2,389,475; Nov. 20.
Injector, Steam. R. D. and J. C. Metcalfe. 2,386,971; Oct. 16.
Injection press. W. R. Tucker. 2,380,882; July 31.
Injector, Fuel. F. Buck. 2,381,423; Aug. 7.
Injector, Fuel. H. F. Haines. 2,379,399; June 26.
Injector, Hypodermic. M. L. Lockhart. 2,380,534; July 31.
Injector, Hypodermic. E. D. Watson and R. A. L. Edmonds. 2,371,086; Mar. 6.
Injector, Plant root. H. Kennison. 2,379,160; June 26.
Injector-timer for internal-combustion engines. E. Silber. 2,381,623; Aug. 7.
Injector valve. A. D. Williams. 2,376,565; May 22.
Injector, Variable stroke fuel. F. R. Wallace and H. O. Hedges. 2,370,383; Feb. 27.
Ink. B. L. Kline. 2,375,230; May 8.
Ink applying means for printing presses. C. S. Crafts. 2,377,482; June 5.
Ink compositions. I. C. Clare. 2,379,950; July 10.
Ink compositions, Printing. G. F. Hogg. 2,367,581; Jan. 16.
Ink containing zein, Printing. J. W. Kroeger and H. F. O'Connor. 2,366,970; Jan. 9.
Ink distributing mechanism. W. F. Huck. 2,383,970; Sept. 4.
Ink, Etching. D. L. Vande Bunte. 2,377,593; June 5.
Ink fountain. A. Dager. 2,378,690; June 19.
Ink fountain and liner therefor. R. C. Sandman. 2,382,103; Aug. 14.
Ink, Hectograph printing. N. S. Knaggs. 2,382,796; Aug. 14.
Ink pad and spreader assembly. J. A. Dondero. 2,388,729; Nov. 13.
Ink, Printing. C. A. Carlton. 2,384,236; Sept. 4.
Ink, Printing. E. F. Carman and W. Reil. 2,385,793; Oct. 2.
Ink, Printing. C. E. Irion. 2,381,753; Aug. 7.
Ink, printing, and article for use therewith, Printing. J. G. Curado. 2,382,861; Aug. 14.
Inkstand. M. S. Pollock. 2,386,406; Oct. 9.
Inkstand. G. J. Sengbusch. 2,369,496; Feb. 13.
Inkstand. G. J. Sengbusch. 2,390,667; Dec. 11.
Inkwell. J. F. Madigan. 2,378,312; June 12.
Inker mechanism. J. Kunz. 2,387,332; Oct. 23.
Inking device for aniline clor printing. V. E. Heywood and D. A. McRae. 2,374,096; Apr. 17.
Inking mechanism. T. E. Plazze. 2,376,620; May 22.
Inking mechanism for duplicating machines. A. E. Goodwin. 2,387,390; Oct. 23.
Inking mechanism for printing machines. W. F. Huck. 2,378,926; June 26.
Inking mechanism for printing presses. C. F. Root. 2,377,269; May 29.
Inking mechanism for rotary printing presses. H. M. Barber. 2,377,662–3; June 5.
Inking pad. C. C. Harris. 2,374,198; Apr. 24.
Inks. A. B. Davis. 2,385,613; Sept. 25.
Inks and vehicles therefor, Heat drying printing. C. A. Rietz and F. J. Jeuck. 2,390,390; Dec. 4.
Inks and vehicles therefor, Printing. C. A. Rietz and F. J. Jeuck. 2,390,123; Dec. 4.
Inks, Printing. J. W. Kroeger and D. J. O'Connor, Jr. 2,380,371; Nov. 20.
Inks, Printing. F. J. Jeuck and C. A. Rietz. 2,390,102; Dec. 4.
Innersole. F. L. Ayers. 2,368,439; Jan. 30.
Innersole. F. L. Ayers. 2,387,710; Oct. 30.
Inner sole and making the same. F. L. Ayers. 2,391,217; Dec. 18.
Inorganic by-products from waste pulp liquor, Method and apparatus for recovering. E. G. Goodell. 2,391,566; Dec. 25.
Input system for radio receivers, Loop. G. L. Beers. 2,383,286; Aug. 21.
Insect catching machine. D. C. Williams. 2,374,150; Apr. 17.
Insect killer. O. W. Stone. 2,373,428; Apr. 10.
Insect repellent. S. D. Shinkle. 2,381,082; Aug. 7.
Insect-repellent composition. S. A. Hall, V. Travis, and H. A. Jones. 2,390,249; Dec. 4.
Insect trap. F. D. Kendrick. 2,384,930; Sept. 18.
Insecticidal and fungicidal materials. G. H. Coleman and G. A. Griess. 2,369,137; Feb. 13.
Insecticidal composition. F. M. Thompson, Jr. 2,367,155; Jan. 9.
Insecticidal compositions. G. H. Coleman, W. D. Schroeder, and G. A. Griess. 2,386,779; Oct. 16.
Insecticidal compositions. A. W. Ralston, J. P. Barrett, and M. R. McCorkle. 2,383,564; Aug. 28.
Insecticidal compositions. W. E. Craig and W. F. Hester. 2,383,775; Aug. 28.
Insecticidal mixture. R. J. Geary. 2,383,304; Aug. 21.
Insecticidal treatment of cotton plants. H. A. Waters and C. Meadows. 2,376,740; May 22.
Insecticide. H. J. Diem. 2,388,393; Nov. 6.
Insecticide. T. W. Evans and P. H. Williams. 2,379,223; June 26.

Insecticide. S. I. Gertler and H. L. J. Haller. 2,374,479; Apr. 24.
Insecticide. S. I. Gertler and H. L. J. Haller. 2,388,684; Nov. 13.
Insecticide. M. T. Harvey. 2,368,709; Feb. 6.
Insecticide. E. Harvill. 2,368,357; Jan. 30.
Insecticide. S. Marcovitch. 2,377,798; June 5.
Insecticide. M. Merlub-Sobel. 2,386,492; Oct. 9.
Insecticide. H. J. Reynolds. 2,369,855; Feb. 20.
Insecticide and making same. T. C. Allen and H. H. Harris. 2,390,911; Dec. 11.
Insecticide composition. C. J. Boissonou. 2,369,429; Feb. 13.
Insecticide composition. G. E. Lynn and F. W. Fletcher. 2,378,310; June 12.
Insecticide compound and dispensing an insecticide. F. L. Campbell and W. C. Fernelius. 2,381,257; Aug. 7.
Insecticides. L. H. Flett. 2,375,095; May 1.
Insecticides. K. Pfaff, M. Erlenbach, W. Finkenbrink, H. Maier-Bode, K. Meisenburg, and M. Meisenheimer. 2,375,382; May 8.
Insecticides. G. H. Law and J. H. Purse. 2,390,597; Dec. 11.
Insecticides and using. W. A. Knapp. 2,385,284; Sept. 18.
Insecticides, Distributing. W. R. McLain, F. V. Miller, and E. H. Green. 2,385,636; Sept. 25.
Insert assembling tool. E. Eckener. 2,390,524; Dec. 11.
Insert for sucker rod elevators. A. H. Neilson. 2,384,331; Sept. 4.
Inserted tooth milling cutter. R. D. Grayson. 2,378,215; June 12.
Inserting tool for tangless inserts. E. M. Lang. 2,390,545; Dec. 11.
Inside diameter measuring and indicator gauge. J. C. and J. F. Nilsson. 2,385,157; Sept. 18.
Insignia positioning device. H. M. Evans. 2,387,986; Oct. 30.
Insole and sewing rib for attachment thereto, Welt. W. C. Wright. 2,389,114; Nov. 13.
Insole, Cushion cupped-heel. H. G. Lumbard. 2,379,366; June 26.
Insole-insert combination. M. Margolin. 2,384,481; Sept. 11.
Inspecting machine, Article. G. Dorothea. 2,383,297; Aug. 21.
Inspection and layout apparatus. J. H. Hogan, C. J. Kettler, F. H. Judkins, and T. W. Hall. 2,372,494; Mar. 27.
Inspection apparatus, Glass. L. I. Louviaux. 2,388,789; Nov. 13.
Inspection device. K. J. Yost. 2,387,697; Oct. 23.
Inspection lamp. R. H. Tontrup. 2,377,056; May 29.
Inspection light. G. Ellis. 2,388,474; Nov. 6.
Inspection machine. R. C. Timm and J. Rothfuss. 2,390,012; Nov. 27.
Inspection table. J. A. Miller. 2,385,321; Sept. 18.
Inspiration for gas burners. A. E. Moxley. 2,388,930; Nov. 13.
Instrument assembly. J. Berge. 2,368,105; Jan. 30.
Instrument, Astronomical. J. A. Millar. Re. 22,670; Aug. 28.
Instrument for eye and plastic surgery, Surgical stitching. J. D. Karle. 2,370,545; Feb. 27.
Instrument for grinding and polishing diamonds. J. Rosner. 2,383,619; Aug. 28.
Instrument for indicating pressures suited to various speeds. A. C. Staley. 2,389,281; Nov. 20.
Instrument for locating and spacing bored holes. S. R. Boyer. 2,384,071; Sept. 4.
Instrument for setting position of a tool for the grinding thereof. W. J. Clements. 2,372,552; Mar. 27.
Instrument for testing grounding resistance. G. V. Morris and R. Adler. 2,375,022; May 1.
Instrument for testing water outlets, Testing. A. V. Sammis. 2,372,606; Mar. 27.
Instrument, Indicating. C. R. Gulbransen. 2,381,494; Aug. 7.
Instrument, Illuminated. T. W. Flynn. 2,367,858; Jan. 23.
Instrument, Observation. T. L. Thurlow. 2,384,507; Sept. 11.
Instrument, Plotting. T. P. Flynn and A. J. Kramer. 2,380,103; July 10.
Instrument release. R. C. Pryor. 2,366,982; Jan. 9.
Instrument sharpener, Dental. J. T. Mudler. 2,380,988; Aug. 7.
Instrument, Stringed. J. W. McBride. 2,368,257; Jan. 30.
Instrument, Stringed musical. J. W. McBride. 2,368,256; Jan. 30.
Insulated conductors or other coated bodies, Manufacture of. J. Veit. 2,366,944; Jan. 9.
Insulated contact socket. W. C. MacFadden. 2,367,512; Jan. 16.
Insulated electric conductor. A. O. Ryan. 2,381,003; Aug. 7.
Insulated electrical conductor terminal structure. J. H. Nicholas. 2,373,843; Apr. 17.
Insulated record container. E. H. Mosier and H. H. Lynn. 2,387,172; Oct. 16.
Insulated structure. I. E. Shaer. 2,376,728; May 22.
Insulating composition, Machinable. A. J. Monack. 2,391,376; Dec. 18.
Insulating electrical apparatus. M. Omansky. 2,385,460; Sept. 25.
Insulating layer, Flexible electrical. P. Robinson. 2,386,634; Oct. 9.
Insulating material and making the same. E. G. King. 2,373,401; Apr. 10.
Insulating oil compositions. C. E. Trautman. 2,369,090; Feb. 6.
Insulating products, Manufacture of. H. C. Brown, Jr., and B. R. Abbott. 2,367,093; Jan. 9.
Insulating shape and manufacture, High temperature. H. A. Kieselbach and E. R. Williams. 2,388,549; Nov. 6.
Insulating sheath on electrical conductor strands. J. N. Selvig. 2,379,756; July 3.
Insulating structure. R. R. Machlett and J. W. Skehan. 2,376,439; May 22.
Insulation. A. B. Richards and H. S. Atherton. 2,391,515; Dec. 25.
Insulation blanket retainer. G. E. Moore. 2,367,790; Jan. 23.
Insulation clip. E. Gambo. 2,382,474; Aug. 14.
Insulation cutting tool. J. N. Rollings. 2,386,328; Oct. 9.
Insulation, Electrical. J. N. Borglin. 2,373,996; Apr. 17.
Insulation, Electrical. L. McCulloch. 2,389,379; Nov. 20.
Insulation for electrical conductors, Inorganic. H. F. Fruth, W. O. Haas, Jr., and E. G. Walters. 2,384,542; Sept. 11.
Insulation material made from fibrous substances, Thermal. W. Garner. 2,381,214; Aug. 7.
Insulation material, Making cellular asphaltic. A. Holmes. 2,387,514; Oct. 23.
Insulation materials, Production of. C. I. Haney and M. E. Martin. 2,367,275; Jan. 16.
Insulation slitting tool. C. V. Lundeen. 2,391,721; Dec. 25.
Insulation test set. R. M. Edmonds. 2,367,013; Jan. 9.
Insulator. M. D. Mathews. 2,381,676; Aug. 7.
Insulator, Bushing. V. Havlicek. 2,366,258; Jan. 2.
Insulator, Electric. J. J. Torok. 2,383,090; Aug. 21.
Insulator, Suspension. A. H. Tracy. 2,387,480; Oct. 23.
Insulator, Vitreous. A. L. C. Delloye. 2,371,880; Mar. 20.
Intaglio printing. H. C. Alger. 2,373,087; Apr. 10.
Intaglio printing press. C. S. Crafts. 2,371,223; Mar. 13.
Intaglio printing press. A. E. Lundbye. 2,377,089; May 29.
Integrator. M. J. Zucrow. 2,376,108; May 15.
Intelligence transmission system. E. M. Deloraine and L. A. de Rosa. 2,369,662; Feb. 20.
Intensification of the image of diazotype light sensitive layers on a transparent base. M. K. Reichel. 2,381,984; Aug. 14.
Intercepting apparatus. G. V. Woodling. 2,388,589; Nov. 6.
Intercommunication system. R. H. Herrick. 2,385,515; Sept. 25.
Intercommunication system. A. L. W. Williams. 2,383,832; Aug. 28.
Interconnector, Fluid system. P. J. Gordineer and G. J. McInnis. 2,375,914; May 15.
Interferometer. G. L. Dimmick. 2,381,728; Aug. 7.
Interface modifier. L. W. Mixon. 2,375,315; May 8.
Interlacing needle loom. E. Lundgren. 2,377,564; June 5.
Interlayers in multilayer film, Sensitive. M. W. Seymour. 2,391,198; Dec. 18.
Interlock. O. A. Kuhler. 2,367,409; Jan. 16.
Interlock. W. F. Regenhardt. 2,375,438; May 8.
Interlock. W. F. Regenhardt. 2,386,343; Oct. 9.
Interlock, Automatic. E. S. Russey. 2,366,655; Jan. 2.
Interlock, Mechanical. G. C. Armstrong. 2,381,243; Aug. 7.
Interlocking clip. W. F. Regenhardt. 2,388,572; Nov. 6.
Interlocking container. W. O. Fisler. 2,374,005; Apr. 17.
Interlocking control apparatus. R. A. McCann. 2,387,853; Oct. 30.
Interlocking sealing device. W. M. McKnight. 2,367,882; Jan. 23.
Interlocking system. F. G. da Roza and F. E. Hill. 2,382,611; Aug. 14.
Intermediates for the production of vitamin B_2 and preparing the same. E. T. Stiller. 2,372,690; Apr. 3.
Intermediates for the synthesis of riboflavin and producing such intermediates. M. Tishler and J. W. Wellman. 2,370,093; Feb. 20.
Intermitter, Flow. A. Boynton. 2,372,656; Apr. 3.
Internal-combustion engine. T. R. Arden. 2,375,183; May 8.
Internal-combustion engine. F. M. Aspin. 2,387,973; Oct. 30.
Internal-combustion engine. J. E. Blanding. 2,368,444; Jan. 30.
Internal-combustion engine. I. D. Campbell. 2,372,472; Mar. 27.
Internal-combustion engine. E. E. Christopher. 2,366,595; Jan. 2.
Internal-combustion engine. W. H. Cords. 2,368,412; Jan. 30.
Internal-combustion engine. C. G. Curtis. 2,376,233; May 15.
Internal-combustion engine. J. Dusevoir. 2,382,006; Aug. 14.

Internal-combustion engine. G. R. Ericson. 2,368,012; Jan. 23.
Internal-combustion engine. G. R. Ericson. 2,373,302; Apr. 10.
Internal-combustion engine. G. R. Ericson. 2,379,288; June 26.
Internal-combustion engine. G. R. Ericson. 2,379,849; July 3.
Internal-combustion engine. A. Feroy. 2,370,456; Feb. 27.
Internal-combustion engine. C. S. Goby. 2,380,163; July 10.
Internal-combustion engine. W. B. Goodman. 2,366,852; Jan. 9.
Internal-combustion engine. A. G. Harris. 2,387,728; Oct. 30.
Internal-combustion engine. F. C. Hawkins. 2,383,648; Aug. 28.
Internal combustion engine. R. M. Heintz. 2,386,607; Oct. 9.
Internal-combustion engine. E. G. Huber. 2,371,297; Mar. 13.
Internal-combustion engine. L. N. Johnson. 2,369,738; Feb. 20.
Internal-combustion engine. C. L. Kinder. 2,384,422; Sept. 4.
Internal-combustion engine. L. Langhaar. 2,377,248; May 29.
Internal-combustion engine. C. A. Lindeman, Jr. 2,368,933; Feb. 6.
Internal-combustion engine. M. Mallory. 2,391,176; Dec. 18.
Internal-combustion engine. A. P. Mansoff. 2,381,832; Aug. 7.
Internal-combustion engine. R. H. Masters. 2,390,723; Dec. 11.
Internal-combustion engine. J. M. Murdock. 2,380,778; July 31.
Internal-combustion engine. A. C. Neafield. 2,369,245; Feb. 13.
Internal-combustion engine. E. Norrbom. 2,374,773; May 1.
Internal-combustion engine. E. H. O'Brien. 2,371,911; Mar. 20.
Internal-combustion engine. A. E. Osborn. 2,383,883; Aug. 28.
Internal-combustion engine. R. Pateras Pescara. 2,380,066; July 10.
Internal-combustion engine. C. R. Paton. 2,374,305; Apr. 24.
Internal-combustion engine. C. R. Paton. 2,387,344; Oct. 23.
Internal-combustion engine. S. C. Raybon. 2,390,960; Dec. 11.
Internal-combustion engine. H. E. Reiter. 2,387,467; Oct. 23.
Internal-combustion engine. E. T. Rodgers. 2,374,380; Apr. 24.
Internal-combustion engine. C. R. Rogers. 2,366,288; Jan. 2.
Internal-combustion engine. A. M. Rossman. 2,374,460; Apr. 24.
Internal-combustion engine. H. Ruppe. 2,374,959; May 1.
Internal-combustion engine. M. J. Scanlon. 2,384,401; Sept. 4.
Internal-combustion engine. J. J. Shore. 2,367,894; Jan. 23.
Internal-combustion engine. H. G. Smith. 2,390,279; Dec. 4.
Internal-combustion engine. T. O. Strauss. 2,377,459; June 5.
Internal-combustion engine. R. E. Taylor. 2,377,591; June 5.
Internal-combustion engine. W. W. Tompkins. 2,373,924; Apr. 17.
Internal-combustion engine. J. D. Tucker. 2,379,119; June 26.
Internal-combustion engine. J. G. Vincent. 2,378,452; June 19.
Internal-combustion engine. B. T. Wagers. 2,371,005; Mar. 6.
Internal-combustion engine. F. Weinreb. 2,382,362; Aug. 14.
Internal-combustion engine. J. F. Woods. 2,383,432; Aug. 21.
Internal-combustion engine. T. B. Woolley. 2,387,707; Oct. 23.
Internal combustion engine. E. Workman. 2,370,902; Mar. 6.
Internal-combustion engine charge-forming apparatus. R. M. Anderson. 2,380,374; July 31.
Internal-combustion engine and combustion mixture therefor. H. R. Fehling. 2,376,479; May 22.
Internal-combustion engine and rotary valve therefor. A. Etessam and G. A. Davies. 2,379,344; June 26.
Internal-combustion engine exhaust. E. V. Rippingville. 2,370,259; Feb. 27.
Internal-combustion engine of oscillating piston type. M. M. Blufston. 2,366,996; Jan. 9.
Internal combustion engine piston. J. Weir. 2,372,993; Apr. 3.
Internal combustion engine, Two-stroke cycle. E. M. Fisk. 2,391,402; Dec. 25.
Internal-combustion engines, Auxiliary fuel supply for. C. Young. 2,390,979; Dec. 11.
Internal-combustion engines, Inlet and exhaust connections for. C. G. Barrett. 2,390,913; Dec. 11.
Internal-combustion motor. A. Lysholm. 2,383,979; Sept. 4.
Internal-combustion motor. S. J. Pover. 2,366,213; Jan. 2.
Internal-combustion pressure generator. N. Birge. 2,379,212; June 26.
Internal-combustion rotary motor. H. Mossbach. 2,389,632; Nov. 27.
Internal combustion system. W. S. Adams. 2,383,836; Aug. 28.
Internal cutting device. J. D. Fenner. 2,372,626; Mar. 27.
Internal screw thread lapping machine. A. M. Drake. 2,379,693; July 3.
Internal shoe drum brake. L. C. Chouings. 2,374,651; May 1.
Interpolymer of an isoolefin and a non-conjugated diolefin, Solid. W. J. Sparks and R. M. Thomas. 2,384,975; Sept. 18.
Interpolymers of ethylene with vinyl esters and products therefrom. J. R. Roland, Jr. 2,386,347; Oct. 9.
Interpolymers of isobutylene with vinyl methacrylate and their preparation. D. W. Huebner and J. E. Fearey. 2,391,162; Dec. 18.
Interpolymerization products. H. Gudgeon and R. Hill. 2,382,629; Aug. 14.
Interpolymerization products of vinyl chloride and di-esters of itaconic acid. G. F. D'Alelio. 2,378,194; June 12.
Interpolymers of asymmetrical dichloroethylene. H. W. Arnold and G. L. Dorough. 2,380,009; July 10.
Interpolymers of vinylidene halides and 1,3-dienes and producing the same. M. A. Youker. 2,380,356; July 10.
Interpreting device. J. M. Lande. 2,385,452; Sept. 25.
Interrupter for change-speed transmissions, Power train. O. H. Banker. 2,378,385; June 19.
Interrupter switch. G. E. Heberlein and F. L. Kradel. 2,383,795; Aug. 28.
Intervalometer. H. R. Habig. 2,388,686; Nov. 13.
Intervalometer. W. T. Van Horn. 2,370,213; Feb. 27.
Invalid transfer device. M. M. Farmer. 2,375,907-8; May 15.
Inverter, Phase. H. W. Berry. 2,390,824; Dec. 11.
Iodine compositions and producing the same, Solid. P. J. Witte. 2,385,394; Sept. 25.
Iodine in animal and poultry feeds, Stabilization of. C. W. Whitmoyer and W. J. Moore. 2,382,193; Aug. 14.
Ion exchange products and their preparation. R. Riley and F. C. Nachod. 2,382,334; Aug. 14.
Ionic exchange operations. F. N. Rawlings and L. De Geofroy. 2,366,650; Jan. 2.
Ionic exchangers, Regeneration of. F. N. Rawlings. 2,366,651; Jan. 2.
Ionization chamber. S. A. Scherbatskoy. 2,376,196; May 15.
Irish moss, Purification of. N. Blihovde. 2,382,286; Aug. 14.
Iron: *See*—
Combination steaming and pressing iron.
Electric iron.
Electric steam iron.
Folding iron.
Gas heated sadiron.
Heat-resisting cast iron.
Malleable iron.
Pressing iron.
Soldering iron.
Steam iron.
Waffle iron.
Iron and iron alloy powders. J. Wulff. 2,381,022; Aug. 7.
Iron and steel, Manufacture of. J. J. Bowden and J. S. Suda. 2,375,520; May 8.
Iron and steel, Polishing stainless. I. C. Clingan. 2,379,066; June 26.
Iron articles, Making sintered powdered. A. L. Boegehold and R. H. Terry. 2,382,601; Aug. 14.
Ironing board. V. Rasmussen. 2,386,139; Oct. 2.
Iron casting. R. L. Wilson. 2,370,279; Feb. 27.
Iron castings, Producing cast. O. Smalley and H. A. Reece. 2,371,654; Mar. 20.
Iron carbonyl, Production of. A. E. Wallis and S. C. Townsbend. 2,378,053; June 12.
Iron from pickle liquor or solutions containing iron salts, Extraction of. S. F. Urban. 2,366,298; Jan. 2.
Iron from zinc salts, Removing. M. C. Waddell. 2,369,270; Feb. 13.
Iron, Making sponge. E. A. Stewart. 2,386,072; Oct. 2.
Iron or steel, Treatment of. H. T. Chandler. 2,370,289; Feb. 27.
Iron ores and enhancement of gases, Reduction of. A. T. Cape, H. A. Brassert, and L. H. Thomas. 2,379,423; July 3.
Iron ores, Flotation of. E. C. Herkenhoff. 2,387,081; Oct. 16.
Iron ores, Flotation of. E. C. Herkenhoff. 2,389,727; Nov. 27.
Iron ores, Method of and apparatus for direct reduction of. A. T. Cape, C. V. Foerster and H. L. Griswold. 2,382,395; Aug. 14.
Iron oxide and other oxide ores, Process and apparatus for roasting and reducing. W. G. Clark. 2,387,882; Oct. 30.
Iron oxide, Making. C. A. Mann. 2,391,723; Dec. 25.
Iron oxide, Production of. T. C. Oliver, R. D. Long and L. H. Crosson. 2,374,454; Apr. 24.

Iron powder and process, High density compressible. J. E. Drapeau, Jr. 2,381,440; Aug. 7.
Iron powder from cheap source material, Producing. J. Wulff. 2,381,024; Aug. 7.
Iron powder, Production of. E. Mehl. 2,389,734; Nov. 27.
Iron, Production of low sulphur sponge. R. C. Buehl. 2,380,406; July 31.
Ironer, Flat work. W. O. Manley. 2,375,426; May 8.
Ironer, Flatwork. H. D. Forse. 2,368,652; Feb. 6.
Ironing apparatus. C. J. Davies. 2,388,392; Nov. 6.
Ironing board cover. H. E. Sunbury. 2,382,830; Aug. 14.
Ironing device. E. E. Foster. 2,369,732; Feb. 20.
Ironing machine. K. Clark. 2,379,788; July 3.
Ironing machine. A. Gerhard. Re. 22,616; Mar. 13.
Ironing machine. H. M. Rumbaugh. 2,368,946; Feb. 6.
Ironing table. G. O. Miller. 2,376,165; May 15.
Irradiation process and means. G. Sperti. 2,384,203; Sept. 4.
Irrigating speculum. P. P. Grosso. 2,370,459; Feb. 27.
Irrigation appliance. E. A. Markham. 2,375,860; May 15.
Isoalloxazine derivatives, Manufacture of. F. Bergel, A. Cohen and J. W. Haworth. 2,374,661; May 1.
Isobutylene, Production of. L. N. Leum and F. G. Ciapetta. 2,390,951; Dec. 11.
Isocyanates, Organic. E. Burgoine, B. Collie, and R. G. A. New. 2,379,948; July 10.
Isocytosine, Producing. E. T. Tisza, B. F. Duesel, and W. Groshnik. 2,376,637; May 22.
Isolator, Fibration. L. Wallerstein, Jr. 2,376,317; May 15.
Isomerization. R. E. Burk and H. P. Lankelma. 2,381,434; Aug. 7.
Isomerization. N. Fragen. 2,386,784; Oct. 16.
Isomerization. A. W. Francis and W. H. James. 2,389,250; Nov. 20.
Isomerization of paraffins. C. G. Dryer. 2,391,399; Dec. 25.
Isomerization of saturated hydrocarbons. J. O. Iverson. 2,390,883; Dec. 11.
Isomerization process. W. N. Axe. 2,370,118; Feb. 27.
Isomerization process. S. C. Carney. 2,378,685; June 19.
Isomerization process. E. W. M. Fawcett and E. S. Narracott. 2,389,660; Nov. 27.
Isomerization process. C. S. Lynch. 2,383,608; Aug. 28.
Isomerization process. S. F. Perry. 2,391,189; Dec. 18.
Isomerization process, Continuous. H. J. Ogorsaly. 2,386,932; Nov. 13.
Isomerization process, Novel. F. H. Blanding. 2,383,586; Aug. 28.
Isomerization reactions, Carrying out. W. J. Sweeney; 2,387,541; Oct. 23.
Isoolefins and vinyl halides and preparing the same, Copolymerizates of. A. H. Gleason. 2,379,292; June 26.
Isoparaffins, Alkylation of. V. N. Ipatieff and C. B. Linn. 2,366,731; Jan. 9.
Isoparaffins, Alkylation of. C. B. Linn and V. N. Ipatieff. 2,366,736; Jan. 9.
Isoparaffins, Alkylation of. R. J. Newman. 2,375,867; May 15.
Isoparaffins, Production of. L. O. Crockett and L. U. Franklin. 2,366,699; Jan. 9.
Isoprene from hydrocarbon mixtures comprising same and piperylene, Recovery of. S. C. Stowe. 2,381,409; Aug. 7.
Isoprene, Producing. C. H. Bibb. 2,386,537; Oct. 9.
Isoquinoline, Separation of. F. E. Reimers. 2,391,270; Dec. 18.
Isostatic balancing. A. L. M. A. Rouy. 2,376,277; May 15.
Itaconic acid, Production of. J. H. Kane, A. C. Finlay, and P. F. Amann. 2,385,283; Sept. 18.
Jack: *See*—
Airplane jack.
Automobile jack.
Automatic locking jack.
Ceiling jack.
Electrical jack.
Form-raising jack.
Hydraulic jack.
Hydraulic pump jack.
Lifting jack.
Load indicating hydraulic jack.
Muffler jack.
Portable overhead jack.
Pump jack.
Ship builder's work assembling and aligning jack.
Split center window jack.
Stevedore jack.
Trailer jack.
Vehicle jack.
Weight indicating lift jack.
Jack. J. M. Westrate. 2,367,633; Jan. 16.
Jack adapter device, Lifting. C. H. Madden. 2,369,789; Feb. 20.
Jack attachment. C. D. Johnson. 2,383,061; Aug. 21.
Jack for multiple plug-in connectors, Pin. A. G. Heller. 2,380,908; July 31.
Jack pad. J. G. Villepigue. 2,377,530; June 5.
Jack switch. L. R. Bowen. 2,368,914; Feb. 6.
Jacket forming machine. J. Balton. 2,369,205; Feb. 13.
Jacket for water heaters. C. H. Morrow. 2,371,347; Mar. 13.
Jacket, Lifesaving. H. G. Morner. 2,389,735; Nov. 27.
Jacket removing plug. M. Glassner. 2,390,298; Dec. 4.
Jacks, Attachment for. J. H. Bishop and W. H. Cooper. 2,368,192; Jan. 30.
Jar, Battery. F. S. Carlisle. 2,385,127; Sept. 18.
Jar and safety joint, Rotary. J. G. Richey. 2,387,682; Oct. 23.
Jar capping apparatus. J. Hohl and O. Bjering. 2,386,797; Oct. 16.
Jar clamping device. A. L. Larson. 2,369,787; Feb. 20.
Jar fastener. C. H. Judd. 2,384,310; Sept. 4.
Jar feeding mechanism. H. A. Barnby and J. Hohl. 2,387,211; Oct. 16.
Jar lifter. M. T. Sturr. 2,388,623; Nov. 6.
Jar, Well. A. L. Armentrout. 2,389,711; Nov. 27.
Jarring screen. M. Kutil. 2,367,785; Jan. 23.
Jarring tool. A. L. Armentrout. 2,389,710; Nov. 27.
Jaw construction for vises. C. B. Cross and D. C. Zipp. 2,373,384; Apr. 10.
Jet control. H. T. Coss, G. T. Pearce, and G. A. Downsbrough. 2,386,294; Oct. 9.
Jet type pump. L. C. Badgley. 2,371,019; Mar. 6.
Jets, Method and apparatus for projecting liquid. L. G. M. Timpson. 2,386,916; Oct. 16.
Jetty. G. W. Rehfeld. 2,378,865; June 19.
Jetty and making the same. O. A. Bartholomew. 2,385,601; Sept. 25.
Jetty structure. G. W. Rehfeld. 2,387,355; Oct. 23.
Jewel oiling machine. H. D. Weaver. 2,369,094; Feb. 6.
Jewelry box. P. B. Koller, Jr. 2,380,052; July 10.
Jewelry lock. H. Hattenrath. 2,368,543; Jan. 30.
Jig. B. M. Bird. 2,384,151; Sept. 4.
Jig. C. E. Galley. 2,386,104; Oct. 2.
Jig boring machine. W. J. S. Johnson. 2,383,655; Aug. 28.
Jig, Cementing. P. F. Preston. 2,377,962; June 12.
Jig, Center sill. A. W. Maulding. 2,389,526; Nov. 20.
Jig clamp. T. E. Yeager. 2,384,148; Sept. 4.
Jig, Compression testing. R. L. Templin. 2,368,900; Feb. 6.
Jig, Drill. W. C. Williams. 2,381,943; Aug. 14.
Jig, Drilling. F. H. Cameron. 2,380,291; July 10.
Jig for use in drilling and like operations. S. H. Tillett. 2,389,243; Nov. 20.
Jig, Holding. G. St. Marie. 2,371,934; Mar. 20.
Jig, Soldering. H. W. Hubbard. 2,383,314; Aug. 21.
Jig, Turnbuckle. U. A. Providence. 2,367,689; Jan. 23.
Joinders in sheet materials. W. A. Ringler and M. I. Williamson. 2,388,288; Nov. 6.
Joining and cornering strips. W. H. Petersen. 2,379,179; June 26.
Joint: *See*—
Ankle joint.
Attachment joint.
Controlled swivel joint.
Electric expansion joint.
Enamel coated welded joint.
Expansion joint.
Extrusion controlled water-stop expansion joint.
Flexible exhaust line joint.
Flexible joint.
Gasketed joint.
Hinge joint.
Nonthrusting pipe expansion joint.
Oblique junction-plane rail joint.
Oil tight joint.
Oscillating joint.
Pipe joint.
Pipe joint.
Porous body expansion joint.
Pressure sealing joint.
Rotary pressure joint.
Rubber articulated joint.
Sheet material joint.
Steam joint.
Stressed skin airfoil joint.
Swing joint.
Swivel joint.
Torsional joint.
Universal joint.
Joint and device therefor, Pipe. H. W. Jewell. 2,386,865; Oct. 16.
Joint assembly, Roller bearing. J. H. Booth. 2,388,950; Nov. 13.
Joint between lined parts, Butt-welded. W. E. Crawford. 2,372,712; Apr. 3.
Joint construction. S. M. Bratton. 2,381,432; Aug. 7.
Joint construction. W. A. Flumerfelt. 2,383,378; Aug. 21.
Joint construction. W. F. Aschinger. 2,371,493; Mar. 13.
Joint for artificial limbs, Hinge. J. J. Tollman. 2,382,679; Aug. 14.
Joint for electrical conductors. D. M. Phillips. 2,369,849; Feb. 20.
Joint for exhaust manifold systems. R. I. Markey. 2,390,801; Dec. 11.
Joint for fluid conduits, Swivel. H. H. Walley, Jr. 2,377,196; May 29.
Joint for structural framework. S. F. McIntosh. 2,374,550; Apr. 24.
Joint nail or clip. A. J. J. van Akkeren. 2,371,935; Mar. 20.
Joints of walls, roofs, and the like constructed from preformed panels for slabs. B. Brunton and R. G. Booth. 2,386,588; Oct. 9.
Juice, Purifying diffusion. H. Schreiber. 2,379,319; June 26.
Joint or section of elastic fabric, Bonded. D. E. Morrison and P. F. Ziegler. 2,380,365; July 10.
Joint structure. A. E. Wagstaff. 2,380,348; July 10.
Joints for leg supports and artificial limbs in general. M. Meierhofer. 2,379,538; July 3.
Joints, Forming. E. E. Howe. 2,381,748; Aug. 7.
Joints in plastic roads, Installing. J. N. Heltzel. 2,371,290; Mar. 13.
Joints, Making thermoplastic. R. N. Steffens. 2,379,500; July 3.
Joints, Making welded. J. O. Jackson. 2,371,823; Mar. 20.
Jolly balance. L. H. Bailey. 2,387,489; Oct. 23.
Journal bearing. E. S. Pearce. 2,368,677; Feb. 6.

Journal bearing. E. S. Pearce. 2,387,806–7; Oct. 30.
Journal bearing. E. O. Pearson. 2,381,513; Aug. 7.
Journal box. E. P. Kinne. 2,369,302; Feb. 13.
Journal means for shafts, Sectional. E. S. Aker 2,380,715; July 31.
Journals, Refacing tools for crankshaft. E. A. Vester. 2,383,899; Aug. 28.
Juice extracting apparatus. H. P. Bingenheimer. 2,368,800; Feb. 6.
Junction block. T. W. Drury. 2,384,287; Sept. 4.
Justifying typewriter. V. Bush. 2,379,862; July 10.
Kerf-cutting machine. E. J. Doberstein. 2,384,083; Sept. 4.
Kerf-cutting machine. W. W. Sloane. 2,375,045; May 1.
Ketaldones, Reduction of. H. R. Rosenberg. 2,376,817; May 22.
Ketals and preparing same, Halogenated. G. H. Morey. 2,374,494; Apr. 24.
Ketals of keto-cyclopentano-perhydrophenanthrenes and preparing them, Cyclic. E. Fernholz. 2,378,918; June 26.
Ketals of polyhydroxy nitro compounds. M. Senkus. 2,368,071; Jan. 23.
Ketene, Method and apparatus for manufacturing. F. C. Atwood. 2,376,748; May 22.
Keto-alcohols, Manufacture of. G. Natta. 2,378,573; June 19.
Ketohethenones and process therefor. J. C. Sauer. 2,369,919; Feb. 20.
Ketone-urea-formaldehyde condensation products. W. Nebel. 2,389,682; Nov. 27.
Ketone with ketones, Condensation of. B. H. Gwynn and E. F. Degering. 2,383,965; Sept. 4.
Ketones of the cyclopentano polyhydro phenanthrene series, Manufacture of unsaturated. A. Serini, H. Roster, and L. Strassberger. 2,379,832; July 3.
Ketones, Preparing. R. Hueter. 2,383,863; Aug. 28.
Ketones, Synthesis of. G. Brownlee and W. M. Duffin. 2,376,415; May 22.
Ketonic rosin derivatives. D. Price and E. L. May. 2,390,736; Dec. 11.
Keto-steroids and obtaining same. R. E. Marker and H. J. Lawson. 2,366,204; Jan. 2.
Keyboard for typewriters or the like. P. O. Solon 2,369,807; Feb. 20.
Keyboard perforator. R. A. Lake. 2,391,056; Dec. 18.
Keyboard release mechanism. C. M. Friden and A. B. Machado. 2,391,089; Dec. 18.
Key container. G. E. Evans. 2,387,319; Oct. 23.
Key controlled lock. J. Wells, Jr. 2,390,973; Dec. 11.
Key container. S. H. Geffner. 2,389,426; Nov. 20.
Key embodying a signalling device. G. Hoenger. 2,373,893; Apr. 17.
Key for opening cans. H. Sebell. 2,370,081; Feb. 20.
Keyhole cover. T. H. Johnstone. 2,388,228; Oct. 30.
Key, Locating. G. T. Evans. 2,372,716; Apr. 3.
Key lock. J. W. Wiley. 2,385,244; Sept. 18.
Key, Safety chuck. C. C. Davis. 2,387,981; Oct. 30.
Key sender, Relay type. W. T. Powell. 2,381,516; Aug. 7
Keystone correction circuit. C. E. Hallmark. 2,366,902; Jan. 9.
Keystone correction circuit. C. E. Hallmark. 2,369,824; Feb. 20.
Ketones, Cyanoethylated cyclic. H. A. Bruson. 2,386,737; Oct. 9.
Keyer and operator's indicator, Signature. G. Malone. 2,375,672; May 8.
Keying system. R. J. Davis. 2,386,844; Oct. 16.
Kibby car. W. C. Appperle. 2,369,934; Feb. 20.
Kiln. H. M. Beatty. 2,386,835; Oct. 16.
Kiln and operation. E. Blaha. 2,371,420; Mar. 13.
Kiln and oven, Industrial. B. J. and B. C. Moore. 2,375,317; May 8.
Kiln drying. F. W. Gottschalk and H. W. Angell. 2,380,518; July 31.
Kiln, Rotary. E. L. Gibson. 2,387,014; Oct. 16.
Kilovoltage limiter for X-ray tubes, Maximum. J. Ball. 2,368,798; Feb. 6.
Kit, First-aid. R. L. Watkins. 2,377,117; May 29.
Kit, First aid. Z. Wolteger and H. Lerer. 2,391,112; Dec. 18.
Kit for men, Toilet. M. Janchick. 2,382,061; Aug. 14.
Kit for toilet purposes. B. Charnas and A. Malina. 2,389,596; Nov. 27.
Kit, Shoe shining. R. H. David. 2,372,556; Mar. 27.
Kitchen equipment, Mechanical. T. B. Richardson. 2,373,781; Apr. 17.
Kitchen utility mounting. H. H. Cable. 2,369,336; Feb. 13.
Kite apparatus. J. S. Wheelwright. 2,386,762; Oct. 16.
Kite, Target. P. E. Garber. 2,388,478; Nov. 6.
Kneader improvements, Double-acting. E. A. F. Presser. 2,390,460; Dec. 4.
Kneading and massaging device, Muscle. S. L. Conrad. 2,377,131; May 29.
Knee rest for crutches. G. D. Jones. 2,378,486; June 19.
Kneepad and making same. I. H. Greene. 2,377,339; June 5.
Knife. A. B. Bristo. 2,376,226; May 15.
Knife. R. W. Lowry. 2,387,032; Oct. 16.
Knife and manufacture thereof. C. Foltz and G. Davis. 2,382,304; Aug. 14.
Knife, Combat. W. H. Wood, Jr. 2,389,882; Nov. 27.
Knife, Electrically heated. T. F. Saffady. 2,386,409; Oct. 9.
Knife, Fish scaling. E. W. Howard. 2,372,831; Apr. 3.
Knife, Flexible band. P. K. Fellner. 2,390,700; Dec. 11.
Knife for axminster looms, Adjustable tuft cutting. A. Palmer. 2,379,740; July 3.
Knife, Hunting. J. B. F. Champlin and T. H. Banton. 2,375,751; May 15.
Knife jointer. J. B. Sevey. 2,369,862; Feb. 20.
Knife mounting for bean snippers, Flexible. C. E. Kerr. 2,376,062; May 15.
Knife sheath. H. Hartwell. 2,387,900; Oct. 30.
Knitted article. E. W. Clarke. 2,370,450; Feb. 27.
Knitted fabric. V. Lombardi. 2,378,780; June 19.
Knitted fabric. A. E. Page. 2,384,392; Sept. 4.
Knitted goods. F. Headon. 2,388,144; Oct. 30.
Knitted stocking, Seamless. C. W. Minton. 2,378,317; June 12.
Knitting. A. N. Cloutier. 2,369,774; Feb. 20.
Knitting. O. Fregeolle. 2,374,532; Apr. 24.
Knitting. O. Fregeolle. 2,374,857; May 1.
Knitting. O. Fregeolle. 2,376,044; May 15.
Knitting. A. E. Page. 2,383,986; Sept. 4.
Knitting. C. L. Page. 2,378,947; June 26.
Knitting and knitting machine. R. N. Toone and T. L. Allen. 2,377,729; June 5.
Knitting machine. E. Wildt, H. H. Holmes, and A. H. Widdowson. 2,391,665; Dec. 25.
Knitting machine, Circular. H. H. Holmes. 2,391,625; Dec. 25.
Knitting element of knitting machinery. G. L. Bolden and R. Peel. 2,373,533; Apr. 10.
Knitting machine. E. Brooksby and F. E. Deans. 2,380,822; July 31.
Knitting machine. I. H. C. Green. 2,374,538; Apr. 24.
Knitting machine. I. H. C. Green and E. St. Pierre. 2,381,275; Aug. 7.
Knitting machine. I. W. Grothey. 2,382,008; Aug. 14.
Knitting machine. H. H. Holmes and A. H. Widdowson. 2,385,081; Sept. 18.
Knitting machine. K. Howie and C. C. Krieble. 2,379,527; July 3.
Knitting machine. W. D. Kellogg and J. Fradenburgh. 2,389,154; Nov. 20.
Knitting machine. R. H. Lawson and P. W. Bristow. 2,388,750; Nov. 13.
Knitting machine. V. Lombardi. 2,373,126; Apr. 10.
Knitting machine. K. Maier. 2,374,294; Apr. 24.
Knitting machine. C. W. Minton. 2,378,315; June 12.
Knitting machine. F. R. Page. 2,389,209; Nov. 20.
Knitting machine. S. Saftlas. 2,372,019; Mar. 20.
Knitting machine and marking attachment therefor, Flat hosiery. E. R. Ammon. 2,388,944; Nov. 13.
Knitting machine and operating the same, Circular. A. E. and F. R. Page. 2,387,769; Oct. 30.
Knitting machine attachment. J. A. Ruth. 2,389,688; Nov. 27.
Knitting machine attachment. R. H. Sperzel. 2,368,686; Feb. 6.
Knitting machine, Circular. T. C. Bromley and A. Shortland. 2,381,641; Aug. 7.
Knitting machine, Circular. R. Buck. 2,374,920; May 1.
Knitting machine, Circular. E. W. Clarke. 2,370,449; Feb. 27.
Knitting machine, Circular. H. H. Holmes and J. C. H. Hurd. 2,386,314; Oct. 9.
Knitting machine, Circular independent latch needle. H. H. Holmes and J. C. H. Hurd. 2,375,473; May 8.
Knitting machine, Cotton's patent and other straight bar. W. A. Cooper. 2,382,544; Aug. 14.
Knitting machine of a cylinder type. C. Koppel. 2,368,224; Jan. 30.
Knitting machine of the links and links type. H. H. Holmes and J. C. H. Hurd. 2,366,405; Jan. 2.
Knitting machine parts, Maintaining the initial positioning of cooperating. M. Zwicky. 2,366,227; Jan. 2.
Knitting machine, Split-foot. A. N. Cloutier. 2,385,611; Sept. 25.
Knitting machine, Straight bar. T. C. Bromley and A. Shortland. 2,384,154; Sept. 4.
Knitting machine, Straight-bar. H. W. Start. 2,367,972; Jan. 23.
Knitting machine, Straight-bar. H. W. and E. Start. 2,371,931; Mar. 20.
Knitting machines. R. N. Toone. 2,384,214; Sept. 4.
Knitting method and machine. J. L. Getaz. 2,387,253; Oct. 23.
Knitting method and product thereof. J. L. Getaz. 2,376,246; May 15.
Knob adapter. T. S. Christenson, Jr. 2,389,610; Nov. 27.
Knob assembly for control devices. L. E. Cobb. 2,375,894; May 15.
Knockdown box. H. C. Skell. 2,389,580; Nov. 20.
Knockdown corner cabinet. H. C. Bullard. 2,368,284; Jan. 30.
Knockdown container. G. A. Britton. 2,381,874; Aug. 14.
Knockoff motion for drawing machines. E. M. Dunn and J. C. Baucom. 2,384,417; Sept. 4.
Knot tightening device. J. E. Schmidt. 2,391,644; Dec. 25.
Knurling machine. L. R. Jensen. 2,379,718; July 3.
Knurling tool. E. T. Turney. 2,378,261; June 12.

Label. C. Mason. 2,382,736; Aug. 14.
Label. T. R. Welch. 2,372,994; Apr. 3.
Label and tape dispensing machine. R. S. Avery. 2,373,092; Apr. 10.
Label dispenser. R. S. Avery. 2,372,245; Mar. 27.
Label pasting device. F. Elsner. 2,384,241; Sept. 4.
Label, Printed. D. L. Francescon. 2,369,549; Feb. 13.
Labels, Applying. R. S. Avery. 2,367,189; Jan. 16.
Labeling apparatus. G. W. von Hofe. 2,377,470; June 5.
Labeling device, Adjustable. H. B. Tuthill and H. F. Caldwell. 2,378,112; June 12.
Labeling machine. A. C. Everett. 2,391,694; Dec. 25.
Labeling machine. W. D. Kimball and E. Ardell. 2,375,305; May 8.
Laboratory hammer mill. W. H. Ross, E. S. Shipley, J. F. Mullins, and J. O. Hardesty. 2,391,480; Dec. 25.
Lac compositions, Light colored flexible. W. H. Gardner and H. H. Bassford, Jr. 2,371,235; Mar. 13.
Lace product, Simulated. N. E. Dahlman. 2,366,183; Jan. 2.
Lacing construction for garments. M. Sarachek. 2,382,104; Aug. 14.
Lacing machine, Shoe 'upper. J. Fossa. 2,383,538; Aug. 28.
Lacquer and like coating composition. G. R. Barrett. 2,371,866; Mar. 20.
Lacquer, Bronzing. C. J. Rolle. 2,384,493; Sept. 11.
Lacquer, Cellulosic. J. G. Little. 2,379,974; July 10.
Lacquer, Coating. T. R. Smith. 2,375,701; May 8.
Lacquer coatings. D. Murphy. 2,372,334; Mar. 27.
Lacquer compositions, Nitrocellulose. G. R. Barrett. 2,385,125; Sept. 18.
Lacquers and coatings, Providing protective and decorative. C. E. Maier, S. L. Flugge, and E. C. Pfeffer. 2,380,456; July 31.
Lacteal food products, Producing. R. M. Urquhart. 2,375,833; May 15.
Lacteal-laxative products and making same. C. C. Balston. 2,367,166; Jan. 9.
Lactic acid and salts thereof, Manufacture of. R. H. Lock. 2,382,889; Aug. 14.
Lactogenic hormone, Isolation of. G. A. Fleischer and E. Schwenk. 2,370,154; Feb. 27.
Lactones and making same. L. Ruzicka. 2,386,749; Oct. 16.
Lactones of 2-alkyl-3-alkoxy-4-hydroxymethyl-5-carboxypyridine. E. T. Stiller. 2,380,478; July 31.
Lactones, Production of. L. P. Kyrides and J. K. Craver. 2,368,366; Jan. 30.
Lactonitrile acetate, Preparation of. V. L. Hansley and J. E. Bristol. 2,390,098; Dec. 4.
Ladder. O. F. Arthur. 2,367,917; Jan. 23.
Ladder. N. L. Dahlander. 2,371,156; Mar. 13.
Ladder. N. L. Dahlander. 2,371,608–9; Mar. 20.
Ladder. V. M. Fowler. 2,381,154; Aug. 7.
Ladder. C. A. Hill. 2,384,743; Sept. 11.
Ladder. C. M. Vaiden. 2,385,171; Sept. 18.
Ladder. E. L. Wilson. 2,388,892; Nov. 13.
Ladder and elevator, Extensible fire. M. Honig. 2,376,875; May 29.
Ladder and adjustable platform assembly, Portable. B. C Lord. 2,384,930; Sept. 18.
Ladder apparatus, Inter-deck. N. L. Dahlander. 2,388,678; Nov. 13.
Ladder, Broad rung. N. D. Dahlander. 2,378,914; June 26.
Ladder construction. O. J. Brandel. 2,368,915; Feb. 6.
Ladder construction. H. H. Gumz. 2,381,348; Aug. 7.
Ladder construction. D. S. Sampson. 2,390,000; Nov. 27.
Ladder, Convertible. A. A. Thompson. 2,381,525; Aug. 7.
Ladder, Debarkation. N. G. Margolin and E. M. Anderson. 2,385,824; Oct. 2.
Ladder, Extension. W. C. Yarmolowich. 2,376,529; May 22.
Ladder, Flexible. N. L. Dahlander. 2,378,913; June 26.
Ladder hook. E. T. John. 2,388,415; Nov. 6.
Ladder, Jacob's. E. J. Schneider. 2,373,346; Apr. 10.
Ladder leg, Adjustable. A. Biery. 2,386,829; Jan. 9.
Ladder, Multiple chain. H. P. Hopp and E. Kunzelman. 2,370,728; Mar. 6.
Ladder, Railway car. J. K. Tully, L. Andersen, and B. E. Jones. 2,382,370; Aug. 14.
Ladder, Safety. G. M. Marsh. 2,368,081; Jan. 23.
Ladder stabilizer, Swivelly mounted. E. F. Needham. 2,371,460; Mar. 13.
Laminar structure. F. C. Dulmage, Jr., and T. A. Kauppi. 2,378,291; June 12.
Laminated article and manufacture. H. W. Hall. 2,370,033; Feb. 20.
Laminated articles from veneer or like sheet material, Manufacturing. J. Henderson. 2,388,541; Nov. 6.
Laminated method. R. A. Powell. 2,372,738; Apr. 3
Laminated sheet bodies, Forming. F. M. Weir. 2,387,631; Oct. 23.
Laminated structure. R. V. Boyer. 2,376,653; May 22.
Laminated structure and making such structure. E. L. Vidal. 2,370,429; Feb. 27.
Laminated structures, Apparatus for producing. H. V. Thaden. 2,383,227; Aug. 21.
Laminated structures, Making a. G. E. Tardiff. 2,386,821; Oct. 16.
Laminating apparatus. R. J. Williams. 2,382,930; Aug. 14.

Lamp: *See*—
Adjustable latch.
Boat lamp.
Book lamp.
Circular electric lamp.
Desk lamp.
Electric lamp.
Fluorescent desk lamp.
Fluorescent lamp.
Glow discharge lamp.
High temperature lamp.
Incandescent electric lamp.
Inspection lamp.
Multiple filament lamp.
Photoflash lamp.
Photographic flash lamp.
Studio spot lamp.
Screen door latch.
Ultraviolet lamp.

Lamp. J. R. Aufiero. 2,390,634; Dec. 11.
Lamp. A. H. Feder. 2,369,778; Feb. 20.
Lamp adapter and receptacle. A. G. Steinmayer. 2,385,478; Sept. 25.
Lamp and application thereof, Discharge. P. W. Blackburn. 2,385,397; Sept. 25.
Lamp and bulb guard, Combination work. N. R. Schwartz. 2,389,089; Nov. 13.
Lamp and carbon guide, Arc. E. G. Pophal. 2,374,497; Apr. 24.
Lamp and manufacture thereof, Flash. M. Pipkin. 2,383,076; Aug. 21.
Lamp and the like, Electric battery torch. S. D. Sullam. 2,379,603; July 3.
Lamp applying means, Fluorescent. E. G. Gaynor and H. K. Andrews. 2,371,437; Mar. 13.
Lamp assembly, Discharge. B. C. Webster and R. M. Smith. 2,367,984; Jan. 23.
Lamp base remover. F. G. Phillips. 2,382,170; Aug. 14.
Lamp changer. P. A. Carson. 2,367,003; Jan. 9.
Lamp changer. L. C. Hays. 2,387,846; Oct. 30.
Lamp fitting, Fluorescent tubular discharge. F. H. Reeves. 2,368,879; Feb. 6.
Lamp fixture, Fluorescent. H. U. Shockett. 2,367,472; Jan. 16.
Lamp flare machine. P. E. Gates. 2,366,609; Jan. 2.
Latch for screen doors and the like. H. Bloss. 2,390,984; Dec. 18.
Lamp holder. A. G. Mueller. 2,374,032; Apr. 17.
Lamp, lamp shade, and lamp shade holder. D. J. Ross. 2,387,857; Oct. 30.
Lamp making apparatus. J. Flaws, Jr. 2,380,742; July 31.
Lamp mounting. L. S. Sheldrick and J. J. Rodak. 2,368,166; Jan. 30.
Lamp shading device. C. W. Belden. 2,374,161; Apr. 24.
Lamp starter, Fluorescent. C. H. Hodgkins. 2,379,300; June 26.
Lamp starter, Fluorescent. C. H. Hodgkins and O. Hammerstrom. 2,367,645; Jan. 16.
Lamp tube changer. A. O. Switzer. 2,381,563; Aug. 7.
Lamp with means to improve lumen maintenance. W. E. Anderson. 2,379,058; June 26.
Landing and launching equipment for flying boats. F. J. Walters. 2,371,721; Mar. 20.
Landing gear. R. W. Leland. 2,375,422; May 8.
Landing gear. R. L. Levy. 2,368,855; Feb. 6.
Landing gear. W. C. Trautman. 2,384,054; Sept. 4.
Landing gear by-pass valve. O. A. Kehle. 2,367,682; Jan. 23.
Landing gear for aircraft. N. H. Tritt. 2,385,742; Sept. 25.
Landing gear lock. R. F. Dreifke. 2,385,063; Sept. 18.
Landing guide system, Instrument. A. G. Kandolan. 2,379,442; July 3.
Lantern, Breastplate black-out. R. L. Mann. 2,373,131; Apr. 10.
Lantern, Electric. F. T. Baird. 2,369,637; Feb. 20.
Lap. A. P. McArthur. 2,369,586; Feb. 13.
Lap handling apparatus. F. L. Crockett. 2,368,971; Feb. 6.
Lap pin. J. T. Tice. 2,388,774; Nov. 13.
Lapping. F. J. Kent. 2,375,003; May 1.
Lapping block. K. R. Sjogren. 2,368,575; Jan. 30.
Lapping machine. W. F. Egger. 2,376,531; May 22.
Lapping machine. H. S. Indge. 2,369,107; Feb. 6.
Lapping machine. J. G. Kaveny. 2,372,088; Mar. 20.
Lapping machine. R. Pash. 2,382,903; Aug. 14.
Laps, Manufacture of. A. Anderson. 2,367,654; Jan. 23.
Last, Two-part. V. J. Levaggi, Jr. 2,386,808; Oct. 16.
Lasting machine. P. E. Burby. 2,371,146; Mar. 13.
Lasting machine. P. E. Burby. 2,371,733; Mar. 20.
Lasting machine. P. E. Burby. 2,380,407; July 31.
Lasting machine. R. G. Ericson. 2,371,612; Mar. 20.
Lasting machine. E. A. Holmgren. 2,385,444; Sept. 25.
Lasting machine. B. Jorgensen. 2,377,887; June 12.
Lasting machine. B. Jorgensen. 2,387,331; Oct. 23.
Lasting machine. J. T. Lancaster. 2,368,849; Feb. 6.
Lasting machine. W. T. B. Roberts. 2,379,543; July 3.
Lasting machine. W. T. B. Roberts. 2,381,518; Aug. 7.
Lasting machine. C. A. Robinson. 2,388,367; Nov. 6.
Lasting shoes. M. Cuozzo. 2,383,712; Aug. 28.

Latch: *See*—
Door latch.
Locket latch.
Multiple engagement latch
Power shovel dipper door latch.
Screen door latch.

Latch. L. L. Anderson. 2,385,961; Oct. 2.
Latch. J. G. Joachim. 2,382,062; Aug. 14.
Latch. F. M. Newell. 2,368,487; Jan. 30.
Latch. M. Ostrom. 2,380,543; July 31.
Latch. E. R. Pekny. 2,378,654; June 19.
Latch. H. Quigley and H. Ter Meer. 2,382,663; Aug. 14.
Latch. B. R. Thiele. 2,379,613; July 3.

Latch and keeper combination. W. A. Endter. 2,371,386; Mar. 13.
Latch and lock. Door. H. T. Smith. 2,387,187; Oct. 16.
Latch and lock mechanism. W. A. Endter. 2,373,237; Apr. 10.
Latch bolt hold back. C. Ledin and P. T. Krause. 2,379,810; July 3.
Latch construction. A. J. Rhodes. 2,373,053; Apr. 3.
Latch construction, Door. W. R. Wiley. 2,383,576; Aug. 28.
Latch construction, Roller. A. O. Daly. 2,385,350; Sept. 25.
Latch controlling mechanism. H. L. Neer, C. H. Wasson, and R. L. Neer. 2,372,844; Apr. 3.
Latch device. W. A. Endter. 2,376,992; May 29.
Latch device for floors of baby yards. C. J. Schiemer. 2,382,585; Aug. 14.
Latch for hospital doors and the like. H. G. Voight. 2,383,574; Aug. 28.
Latch for rodent traps. D. F. Jorgensen. 2,371,447; Mar. 13.
Latch mechanism. C. E. Bazley. 2,378,173; June 12.
Latch mechanism. F. H. Rogers. 2,377,576; June 5.
Latch mechanism. R. C. Van Sickle. 2,372,140; Mar. 20.
Latch mechanism, Hospital door. H. G. Voight. 2,379,326; June 26.
Latch operation, Correction of. W. A. Endter. 2,366,392; Jan. 2.
Latched-in magnetic switch. F. C. Iglehart. 2,370,038; Feb. 20.
Latching device. B. Knauer. 2,371,896; Mar. 20.
Latching means for dipper doors. P. V. Larsen. 2,374,108; Apr. 17.
Latching means for venetian blinds. R. H. Wright. 2,376,990; May 29.
Latching mechanism. G. R. Chervenka. 2,370,841; Mar. 6.
Latching mechanism for endgates. H. Peters. 2,388,075; Oct. 30.
Lateral wells in fluid-saturable earth, Method and apparatus for installing. R. Nebolsine. 2,383,496; Aug. 28.
Latex and product thereof, Preserving. W. D. Stewart. 2,386,756; Oct. 16.
Latex and the like, Dispensing. A. H. Beaumier. 2,375,515; May 8.
Latex and the product thereof, Preserving. C. E. Rhines. 2,371,544; Mar. 13.
Latex, Coagulation of castilloa. T. F. Ford. 2,390,996; Dec. 18.
Latex, Concentrating. G. J. van der Bie. 2,371,560; Mar. 13.
Lath. G. A. Buttress. 2,371,734; Mar. 20.
Lathe. K. F. Berger. 2,370,286; Feb. 27.
Lathe. C. A. Bickel. 2,374,322; Apr. 24.
Lathe. G. W. McKee. 2,369,904; Feb. 20.
Lathe. L. D. Tyson. 2,380,808; July 31.
Lathe and making the same. S. W. Sparks and E. J. Lomazzo. 2,389,746; Nov. 27.
Lathe and turret mill. A. L. Stone and J. H. Appleton. 2,368,499; Jan. 30.
Lathe attachment. J. E. H. Metz. 2,379,370; June 26.
Lathe attachment, Hydraulic duplicating. M. Turchan and C. Walker. 2,375,831; May 15.
Lathe, Automatic. N. P. Lloyd. 2,374,112; Apr. 17.
Lathe carriage drive. W. M. McConnell. 2,368,151; Jan. 30.
Lathe center. T. C. C. Davenport. 2,376,905; May 29.
Lathe center, Lubricated. W. H. Jones. 2,382,883; Aug. 14.
Lathe chuck centering device. A. L. Delvaux, Sr. 2,370,017; Feb. 20.
Lathe, Contour cutting. R. G. Le Tourneau. 2,377,701; June 5.
Lathe control, Copy. W. Groen. 2,370,032; Feb. 20.
Lathe dog, Grinding or turning. A. F. Prange. 2,383,943; Sept. 4.
Lathe driver device. A. B. Clements. 2,377,072; May 29.
Lathe, Engine. W. M. McConnell. 2,368,150; Jan. 30.
Lathe, Last. L. E. Topham. 2,376,947; May 29.
Lathe, Multiple turret. D. E. Bench, M. A. Crosby and H. A. Toulman, Jr. 2,374,577; Apr. 24.
Lathe, Screw-cutting. S. H. Varndell. 2,381,849; Aug. 7.
Lathe, Sensitive precision. C. A. Bickel. 2,381,422; Aug. 7.
Lathe tool, Combination. A. C. Nielsen. 2,369,600; Feb. 13.
Lathe tool mounting and actuating mechanism. R. G. Le Tourneau. 2,379,583; July 3.
Lathe, Turret. E. E. Meusy. 2,379,096; June 26.
Lathe, Turret. C. Wantz and C. E. Hajn. 2,379,123; June 26.
Lathe, Vacuum polishing. H. E. Crozier. 2,372,812; Apr. 3.
Lathes and like machines, Roller box or steady for. H. Livingstone. 2,390,312; Dec. 4.
Lathing. A. C. Karelius. 2,375,302–3; May 8.
Latices, Coagulating synthetic rubber. C. F. Fryling. 2,378,695; June 19.
Lattice mat. F. H. Ruppel. 2,369,412; Feb. 13.
Launching device and carrier, Airplane. H. C. Parker. 2,383,559; Aug. 28.
Launching device for ships. A. O. Petersen. 2,372,390; Mar. 27.
Launching device, Ship. J. B. Hall. 2,387,147; Oct. 16.
Launching means, Airplane troop. F. G. Manson and J. J. Maskey. 2,389,160; Nov. 20.
Laundry apparatus. C. J. Lundquist. 2,371,834; Mar. 20.
Laundry bag. C. L. Vadnais. 2,373,209; Apr. 10.
Laundry extractor. T. S. Watson. 2,372,753; Apr. 3.
Laundry finishing composition. E. A. Robinson. 2,379,458; July 3.
Laundry holder. T. S. Watson. 2,378,606; June 19.
Laundry machine. J. R. Kirby. 2,381,545; Aug. 7.
Laundry machine. N. Page. 2,369,905; Feb. 20.
Laundry marking machine. A. L. Faust. 2,370,152; Feb. 27.
Laundry marking machine. W. J. Keuper. 2,370,735; Mar. 6.
Laundry unit, Domestic. A. J. Patch. 2,387,407; Oct. 23.
Laundry vehicle. J. D. Barksdale. 2,384,873; Sept. 18.
Lawn chair. H. H. Wenneborg. 2,381,149; Aug. 7.
Lawn mower. P. L. Loewe and E. A. Boyce. 2,388,165; Oct. 30.
Lay motion for looms. R. J. Bartholomew. 2,381,028; Aug. 7.
Layer, Cable. W. Wilson. 2,372,921; Apr. 3.
Layers on solid objects, Producing. W. Geffcken and E. Berger. 2,366,516; Jan. 2.
Layout and drill jig. W. Schoeniger. 2,373,918; Apr. 17.
Layout and drill V-block. R. L. Leming. 2,371,831; Mar. 20.
Layout apparatus. L. E. Kiesel. 2,376,601; May 22.
Leaching method and apparatus. L. C. Sturbelle. 2,388,504; Nov. 6.
Lead alloy. G. F. Beard. 2,370,439; Feb. 27.
Lead articles, Making. F. Remington and R. A. Tartaglia. 2,372,011; Mar. 20.
Lead-coated steel. J. H. Young. 2,371,725; Mar. 20.
Lead iodide, Manufacture of. H. A. Beatty. 2,366,953; Jan. 9.
Lead, Manufacture of red. R. L. Seabury and R. A. Daily. 2,383,220; Aug. 21.
Lead oxide, Manufacture of. D. J. Doan and L. Vaughn. 2,380,096; July 10.
Lead oxide, Treating. J. S. Nordyke and L. Vaughn. 2,374,886; May 1.
Lead pigments and making same. L. E. Barton. 2,376,895; May 29.
Lead pigments and methods of making same. L. E. Barton. 2,383,284; Aug. 21.
Lead salicylate compositions and preparing same. L. M. Kebrich. 2,391,166; Dec. 18.
Lead screw gear threading box. V. von K. Sundt. 2,387,417; Oct. 23.
Lead silicate pigments and making same. L. E. Barton. 2,379,270; June 26.
Leak detector for automatic tanks. F. W. Hampson. 2,372,489; Mar. 27.
Leakage detector for canned goods, Seal. R. N. Shoner. 2,374,140; Apr. 17.
Leaks in wells, Method and apparatus for locating. H. G. Abadie. 2,383,455; Aug. 28.
Leather and the like goods, Finishing. C. A. Olsen and A. J. Germain. 2,372,336; Mar. 27.
Leavening composition. R. J. Hurka. 2,366,857; Jan. 9.
Leavening process. H. H. Browne. 2,367,994; Jan. 23.
Lecher wire system. C. N. Smyth. 2,389,167; Nov. 20.
Lectern. T. J. Watson. 2,388,353; Nov. 6.
Ledger, Card. E. Vaucher. 2,391,080; Dec. 18.
Leg, Adjustable. E. Farson. 2,384,020; Sept. 4.
Leg and foot rest, Portable. L. Herbert. 2,375,225; May 8.
Leg marking device. E. Marchado. 2,370,557; Feb. 27.
Lehr loader. W. L. McNamara and F. Z. Fouse. 2,375,936; May 15.
Lehr loader. W. L. McNamara and J. McFee. 2,390,725; Dec. 11.
Lenco-monacyl-1,4 diaminoanthraquinone and preparing the same. W. R. Waldron and R. C. Franklin. 2,378,812; June 19.
Lens. C. Burch. 2,388,118–19; Oct. 30.
Lens. D. L. Wood. 2,388,893; Nov. 13.
Lens adjuster, Sound. T. I. Ress. 2,367,139; Jan. 9.
Lens assembly. T. I. Ress. 2,380,613; July 31.
Lens blank and lap mounting for precision lens generating mechanisms. A. J. Holman. 2,377,344; June 5.
Lens blanks, Making. P. Johnston. 2,373,246; Apr. 10.
Lens cap. G. Laube. 2,375,420; May 8.
Lens capping mechanism, Built-in. W. O. Runcie. 2,390,464; Dec. 4.
Lens chuck. W. P. Canning. 2,381,573; Aug. 7.
Lens coating material, Producing. J. H. Reynolds. 2,372,639; Mar. 27.
Lens coating, Nonreflective. D. L. Richards and W. C. Miller. 2,391,595; Dec. 25.
Lens, Controlled beam headlight. A. L. Chauvet. 2,379,787; July 3.
Lens, Correction of electromagnetic. L. Marton. 2,372,443; Mar. 27.
Lens diaphragms, Automatic adjustment of. A. E. Schubert. 2,389,087; Nov. 13.
Lens drill. G. W. Jackson. 2,378,637; June 19.
Lens, Electron. K. Spangenberg. 2,383,751; Aug. 28.
Lens holder. T. I. Ress. 2,377,718; June 5.

Lens mount. R. F. E. Stegeman. 2,373,610; Apr. 10.
Lens mounting. W. C. Eddy. 2,380,829; July 31.
Lens mounting. E. M. Splaine and L. A. Severy. 2,383,572; Aug. 28.
Lens, Ophthalmic. E. D. Tillyer. 2,391,045; Dec. 18.
Lens, Scanning. L. del Riccio. 2,373,815; Apr. 17.
Lens surfaces, Forming. H. L. Penberthy. 2,384,638; Sept. 11.
Lens system. R. N. Carter. 2,380,216; July 10.
Lens system. R. M. Lynn. 2,379,167; June 26.
Lens system. J. D. Reardon and N. Gottlieb. 2,388,077; Oct. 30.
Lens system, Electron. J. Hillier. 2,369,782; Feb. 20.
Lens, Telephoto. W. Schade. 2,382,669; Aug. 14.
Lenses and the like, Manufacturing optical. V. Walker. 2,390,404; Dec. 4.
Lenses, Method and apparatus for grinding. B. Liebowitz. 2,371,303; Mar. 13.
Lenses, Method and apparatus for grinding. A. G. Powell. 2,383,501; Aug. 28.
Lenses, Mounting. W. G. Rives. 2,377,970; June 12.
Letoff mechanism for looms. S. J. Geddings. 2,369,889; Feb. 20.
Letter feed and separator unit. A. Burckhardt and E. A. Sammis. 2,368,519; Jan. 30.
Lettering-guide holder. G. J. Forslund. 2,389,303; Nov. 20.
Level. P. L. Ackerson. 2,373,641; Apr. 17.
Level. F. J. Allgeo. 2,384,586; Sept. 11.
Level. W. G. Baldwin. 2,386,833; Oct. 16.
Level. C. L. Shue. 2,385,424; Sept. 25.
Level control, Bin. H. Anderson. 2,376,304; May 15.
Level determining apparatus, Precise. C. F. Wallace. 2,386,643; Oct. 9.
Level indicating device, Liquid. H. P. Kuehni. 2,380,249; July 10.
Level, Liquid. G. V. Ryisky. 2,369,802; Feb. 20.
Level, Method and apparatus for determining liquid. D. C. Hare. 2,378,219; June 12.
Level-wind mechanism. P. G. Coleman. 2,377,996; June 12.
Leveler, Roller. R. F. Holtz. 2,391,419; Dec. 25.
Leveling device for combines. F. M. Heath. 2,368,219; Jan. 30.
Leveling mechanism for gas holders and similar apparatus. J. H. Wiggins. 2,366,821; Jan. 9.
Leveling system. F. G. Wellington. 2,382,525; Aug. 14.
Lever. H. M. Roeser. 2,381,412; Aug. 7.
Lever construction. E. C. Neal. 2,385,835; Oct. 2.
Lever, Control. M. B. Rhodes. 2,388,079; Oct. 30.
Lever for coupling pins, Safety locking. M. Altimus. 2,391,610; Dec. 25.
Lever press. R. G. Le Tourneau. 2,370,739; Mar. 6.
Lever, Safety lock. E. R. Schroeder. 2,370,998; Mar. 6.
Lever, Sliding safety lock. E. R. Schroeder. 2,388,188; Oct. 30.
Lever, throttle. J. R. Codlin. 2,378,688; June 19.
Lever, Valve actuating. H. E. Pleasant. 2,370,750; Mar. 6.
License plate holder. C. Bean. 2,384,274; Sept. 4.
Lid construction. A. A. Kooyman. 2,368,146; Jan. 30.
Life and swimming belt, Combination. E. Mazza. 2,371,769; Mar. 20.
Lifeboat breaker. J. R. MacDonald. 2,385,146; Sept. 18.
Lifeboat or raft, Reversible. H. A. Gaskin. 2,367,112; Jan. 9.
Life, Ground working tool. A. W. Hall. 2,381,588; Aug. 7.
Life preserver. E. M. Brandsten. 2,373,994; Apr. 17.
Life preserver. F. L. Brown. 2,374,580; Apr. 24.
Life preserver. R. E. Coombs. 2,377,865; June 12.
Life preserving apparatus. G. H. Bingham, Jr. 2,384,721; Sept. 11.
Life-saving apparatus. W. J. Maloney. 2,368,558; Jan. 30.
Lifesaving device. C. L. Seichepine. 2,376,824; May 22.
Lifesaving device, swimming machine, and the like. J. S. Reeves. 2,368,569; Jan. 30.
Life-saving equipment. F. F. Patten. 2,366,455; Jan. 2.
Lifesaving suit. H. Holding. 2,379,963; July 10.
Lift. B. H. Stewart. 2,377,279; May 29.
Lift for farm tractors, Power. T. Brown and T. W. Paul. 2,377,127; May 29.
Lift for tractor buck rakes. J. W. Rutledge. 2,373,710; Apr. 17.
Lift, Hydraulic. C. V. Hansen. 2,381,664; Aug. 7.
Lifter: *See*—
Beet lifter.
Container lifter.
Jar lifter.
Pie pan lifter.
Shoe toe lifter.
Tie lifter.
Valve lifter.
Lifter and carrier. R. F. Fink. 2,368,978; Feb. 6.
Lifter and carrier. R. F. Fink. 2,385,913; Oct. 2.
Lifter for batteries, Cable terminal. G. F. Colley. 2,375,081; May 1.
Lifter for machine tools, Tool. J. Daugherty. 2,387,012; Oct. 16.
Lifting apparatus. O. E. Dempsey. 2,390,241; Dec. 4.
Lifting apparatus, Bobbin. C. M. Asbill, Jr. 2,381,482; Aug. 7.
Lifting apparatus, Crane and the like load. P. Spiegel. 2,368,268; Jan. 30.
Lifting device. E. Bloch. 2,377,477; June 5.
Lifting device. W. S. Hickenlooper. 2,382,718; Aug. 14.
Lifting device for articles. J. J. Mueller and C. P. Meyer. 2,374,120; Apr. 17.
Lifting device, Vacuum. E. A. Cross. 2,376,576; May 22.
Lifting jack. G. E. Le Veque. 2,383,204; Aug. 21.
Lifting jack. J. C. McLaughlin. 2,388,004; Oct. 30.
Lifting jack. B. Phillips. 2,369,603; Feb. 13.
Lifting mechanism. C. D. P. Smallpeice. 2,384,774; Sept. 11.
Lifting mechanism, Door. T. Madland. 2,386,404; Oct. 9.
Lifting mechanism for sliding doors. F. Ditchfield. 2,386,385; Oct. 9.
Light: *See*—
Approach light.
Black-out marker light.
Buoyant safety light.
Electric safety water light.
Floating signal light.
Inspection light.
Signal light.
Spot-signal light.
Traffic light.
Traffic signal light.
Vehicle signal light.
Light buoy, Seadrome contact. J. A. Diehl. 2,367,818; Jan. 23.
Light control for photographic printers. H. L. Fitch and S. L. Scudder. 2,378,206; June 12.
Light filter compound, Ultra violet. F. E. Stockelbach. 2,369,084; Feb. 6.
Light for aerial delivery containers, Identification. A. D. Dircksen and J. E. Golob. 2,376,330; May 22.
Light for airplanes, Running. D. D. Carruth. 2,375,075; May 1.
Light for vehicles, Blackout. W. Trautner. 2,370,823; Mar. 6.
Light gauge securing clip. E. G. Doke. 2,386,386; Oct. 9.
Light indicating switch. L. R. Harmon. 2,373,889; Apr. 17.
Light measuring method and system. R. L. Haynes. 2,390,833; Dec. 11.
Light metal, Method and apparatus for recovering a. R. J. McNitt. 2,382,434; Aug. 14.
Light metals, Recovery of. R. J. McNitt. 2,375,232; May 8.
Light meter. N. Miller. 2,373,327; Apr. 10.
Light meter. E. T. Turney. 2,371,559; Mar. 13.
Light polarizer and manufacture. E. H. Land and R. P. Blake. 2,380,363; July 10.
Light polarizing bodies, Producing. K. Meyer and H. Lapp. 2,390,162; Dec. 4.
Light polarizing image and manufacture. E. H. Land. 2,373,035; Apr. 3.
Light-polarizing material, Manufacturing. A. Thomas. 2,375,963; May 15.
Light polarizing screen and manufacture. C. W. Carnahan. 2,385,687; Sept. 25.
Light reflection from surfaces, Decreasing. H. Osterberg. 2,366,687; Jan. 2.
Light reflection, Preventing. C. W. Hansell. 2,376,428; May 22.
Light-restricting device. J. B. Bartow. 2,378,823; June 19.
Light restricting device. J. B. Bartow. 2,385,755; Sept. 25.
Light screening eye protection. F. D. Casler. 2,377,313; June 5.
Light sensitive apparatus. M. de Castro. 2,376,235; May 15.
Light signal. M. R. Douglass. 2,373,465; Apr. 10.
Light signal. A. L. Jerome. 2,368,762; Feb. 6.
Light source, Primary. B. T. Setchell. 2,372,857; Apr. 3.
Light structure. H. Dreyfus, D. Finlayson, and W. I. Taylor. 2,377,846; June 5.
Lighter, Burner. F. R. Higley. 2,374,431; Apr. 24.
Lighter, Cigarette. H. Negbaur. Re. 22,679; Oct. 9.
Lighter, Cigarette or cigar. T. H. Pattberg. 2,386,168; Oct. 2.
Lighter for cigarettes and the like. L. K. Davis. 2,381,726; Aug. 7.
Lighter for oil burner stoves. C. M. Breed. 2,372,174; Mar. 27.
Lighter, Fuse. L. S. Wincapaw. 2,367,915; Jan. 23.
Lighter, Gas torch. O. V. Malmquist. 2,384,844; Sept. 18.
Lighter, Oven burner. E. F. Dupuis. 2,381,152; Aug. 7.
Lighter, Paper strip. C. H. Bright. 2,376,116; May 15.
Lighter, Pyrophoric. B. Sándor. 2,368,070; Jan. 23.
Lighter, Remote burner. B. K. G. Ehnbom. 2,386,041; Oct. 2.
Lighter, Wind resisting. A. S. Weston. 2,372,238; Mar. 27.
Lighting: *See*—
Fluorescent lighting.
Lighting control system. F. Willis, Jr. 2,380,486; July 31.
Lighting device. R. G. Maurette. 2,391,325; Dec. 18.
Lighting fixture. C. V. Bates. 2,388,029; Oct. 30.
Lighting fixture. J. Donnelly. 2,368,810; Feb. 6.
Lighting fixture. G. E. Eckert and V. I. Moe. 2,373,235; Apr. 10.
Lighting fixture. B. A. Mitchell. 2,376,801; May 22.
Lighting fixture. G. P. Wakefield. 2,381,630; Aug. 7.
Lighting fixture, Auxiliary. W. F. Burke. 2,389,762; Nov. 27.
Lighting fixture, Fluorescent. S. R. Naysmith. 2,390,807; Dec. 11.
Lighting system. K. L. Jones. 2,381,169; Aug. 7.
Lighting system. J. W. Lawson. 2,383,202; Aug. 21.
Lighting system, Traffic. H. Denis. 2,379,283; June 26.

Lighting tubes, Mounting for. E. E. Pooler. 2,390,385; Dec. 4.
Lighting unit. W. A. Pennow. 2,376,806; May 22.
Lightning arrester. E. J. Wade. 2,372,035; Mar. 20.
Lightning arrester and manufacture. R. H. Earle. 2,374,527; Apr. 24.
Lignin and production. R. Katzen. 2,380,448; July 31.
Lignin compounds and making same. C. Harmon. 2,371,136; Mar. 13.
Ligno-cellulose pulps from straw, Making. A. J. A. Asplund and J. W. Holst. 2,388,592; Nov. 6.
Limb, Artificial. L. G. Caron. 2,390,919; Dec. 11.
Limb-conforming device and making the same. B. Corn. 2,367,336; Jan. 16.
Lime-containing raw materials, Treatment of. H. C. and E. K. Lee, and R. A. Schoenlaub. 2,382,886; Aug. 14.
Lime flux and manufacture. W. J. Fulton. 2,376,998; May 29.
Lime from ores, Removing. G. A. Hatherell. 2,369,349; Feb. 13.
Lime in heavy-media separation process, Use of. N. Hedley and J. J. Kress. 2,385,079; Sept. 18.
Lime, treating apparatus, Rotary. C. M. Shigley. 2,375,499; May 8.
Limestone spreader and the like, Powdered. C. L. Rosselot. 2,369,755; Feb. 20.
Limit control. H. F. Parker. 2,388,219; Oct. 30.
Limit switch. D. W. Exner. 2,389,350; Nov. 20.
Limonene, Preparation of. M. S. Kharasch and W. B. Reynolds. 2,382,641; Aug. 14.
Line appliance, Retractable. J. O. Johnston. 2,383,802; Aug. 28.
Line blind. L. S. Hamer. 2,386,893; Oct. 16.
Line connector device. J. L. Yonkers. 2,375,270; May 8.
Line detecting apparatus. O. D. Grandstaff. 2,387,897; Oct. 30.
Line for aircraft, Streamlined hinge. R. D. Bourne. 2,388,702; Feb. 6.
Line snatch. H. O. Koch. 2,370,358; Feb. 27.
Line take-up for power shovels, cranes, and the like. R. H. Zeilman. 2,385,906; Oct. 2.
Line testing and switching circuits, Automatic. B. Dysart. 2,379,069; June 26.
Line-up platen. J. Zalkind. 2,381,197; Aug. 7.
Line usage recorder circuit. F. B. Spencer. 2,383,826; Aug. 28.
Liner and perforation assembly, Gravel-packed. J. E. Eckel. 2,371,385; Mar. 13.
Liner, Flask or jug. A. S. Knapp. 2,376,064; May 15.
Liner for impact washers. O. C. Gruender and E. Werner. 2,378,475; June 19.
Liner hanger. D. L. Driscoll. 2,373,880; Apr. 17.
Lining for conduits, Insulation. A. L. Baker. 2,369,204; Feb. 13.
Lining for internally insulated fluid containers. J. G. and P. J. Traxler, Jr. 2,375,710; May 8.
Lining rotary furnaces. E. B. Story. 2,368,270; Jan. 30.
Linings, Making jordan engine. A. Le R. Bolton. 2,390,351; Dec. 4.
Link. H. B. Holroyd. 2,388,690; Nov. 13.
Link, Ammunition. G. E. Warren. 2,366,887; Jan. 9.
Link and chain forming mechanism. L. B. Campbell. 2,372,473; Mar. 27.
Link, Cartridge belt. R. S. Sanford. 2,390,331; Dec. 4.
Link, Chain. W. K. Robbins. 2,385,232; Sept. 18.
Link, Chain. H. St. Pierre. 2,368,271; Jan. 30.
Link, Detachable chain. H. St. Pierre. 2,382,344; Aug. 14.
Link, Fuse. C. W. Brown. 2,382,602; Aug. 14.
Link, Joiner. H. F. Parker. 2,387,606; Oct. 23.
Link, Metallic cartridge belt. D. O. Fuchs. 2,384,827; Sept. 18.
Link, Release. D. W. Cooper. 2,386,932; Oct. 16.
Link slide, Safety delivery. W. J. Droski. 2,385,064; Sept. 18.
Link, Yield. E. L. Shaw. 2,391,275; Dec. 18.
Links and ornamental fabric therefrom. E. W. Baggott. 2,381,860; Aug. 14.
Linkwork, Motion transmitting. P. F. Everett. 2,368,813; Feb. 6.
Linoleum composition. P. O. Powers. 2,389,078–9; Nov. 13.
Linoleum compositions. L. H. Dunlap. 2,382,212; Aug. 14.
Linoleum compositions, Manufacturing. V. Spencer. 2,371,074; Mar. 6.
Linoleum, Making. S. H. Hartman. 2,370,536; Feb. 27.
Linoleum manufacture, Molded inlaid. J. L. Berger. 2,389,836; Nov. 27.
Linoleum products, Manufacture of. J. W. Kemmler. 2,368,475; Jan. 30.
Linotype machine accessory. D. B. Ellis. 2,377,075; May 29.
Linter. J. C. Rogers and R. Sims. 2,372,796; Apr. 3.
Lipstick holder. H. L. Apfelbaum. 2,386,417; Oct. 9.
Lipstick holder. J. de Swart. 2,371,808; Mar. 20.
Lipstick holder. A. Mitchell. 2,368,987; Feb. 6.
Lipstick holder. A. G. Rosa. 2,379,105; June 26.
Lipstick holder. J. C. Seager. 2,368,044; Jan. 23.
Liquefied gas systems, Poppet changeover for. T. A. St. Clair. 2,391,043; Dec. 18.
Liquid actuated controlling device. J. A. Morgan. 2,377,710; June 5.
Liquid and gas separator. E. Gustafsson and J. W. Baur. 2,377,549; June 5.
Liquid applying machine. W. C. Card. 2,371,424; Mar. 13.
Liquid bath filter. C. J. Glanzer. 2,377,142; May 29.
Liquid clarification. E. M. Kelly, A. M. Kivari, R. P. Kite, E. J. Roberts, and D. B. Sutherland. Re. 22,701; Dec. 4.
Liquid coated compositions, coated objects, and making same. N. K. Chaney. 2,380,149; July 10.
Liquid coating compositions. J. J. Healy, Jr. 2,377,840; June 5.
Liquid congealing apparatus. J. N. Saler. 2,386,064; Oct. 2.
Liquid control mechanism. F. C. Mock. 2,390,658; Dec. 11.
Liquid cooled brake. H. T. Lambert. 2,373,572; Apr. 10.
Liquid detecting means. R. E. B. Wakefield. 2,386,412; Oct. 9.
Liquid dispenser. H. L. Blum. 2,370,119; Feb. 27.
Liquid dispenser equipment. T. A. Hutsell. 2,382,059; Aug. 14.
Liquid dispensing device. A. F. Christ. 2,371,028; Mar. 6.
Liquid division. R. E. Burk. 2,373,099; Apr. 10.
Liquid-ejecting apparatus. F. J. Lee. 2,381,607; Aug. 7.
Liquid-elevating apparatus. J. C. Reed. 2,391,105; Dec. 18.
Liquid expressing press. C. B. Upton. 2,369,192; Feb. 13.
Liquid filling apparatus. J. Torigian. 2,373,435; Apr. 10.
Liquid filter. T. H. Quinn. 2,369,915; Feb. 20.
Liquid fuel burner. R. W. De Lancey. 2,373,814; Apr. 17.
Liquid fuel burner. R. W. De Lancey. 2,390,059; Dec. 4.
Liquid fuel burner. J. F. Harvey and A. W. Hermandorfer. 2,369,046; Feb. 6.
Liquid fuel, Production of. F. Martin and H. Tramm. 2,368,939; Feb. 6.
Liquid fuel, Storing. M. C. Snyder. 2,389,168; Nov. 20.
Liquid gauge tube. N. Dobrzynski. 2,371,509; Mar. 13.
Liquid handling apparatus. P. W. Crist and S. G. Johansson. 2,368,746; Feb. 6.
Liquid hardeners and preparing, Concentrated. H. D. Russell. 2,378,247; June 12.
Liquid heater. H. W. Hayward. 2,386,949; Oct. 16.
Liquid heater. H. J. McCollum. 2,373,767; Apr. 17.
Liquid heating apparatus. R. A. Ekstrom, Jr. 2,375,840; May 15.
Liquid heating apparatus. J. H. Reifenberg. 2,375,871; May 15.
Liquid level control means. A. Burckhardt and J. V. Edman. 2,374,076; Apr. 17.
Liquid level follow-up device. P. T. Sprague. 2,382,516; Aug. 14.
Liquid level gauge. B. Clason. 2,373,292; Apr. 10.
Liquid level gauge. A. J. Rosenberger. 2,368,616; Feb. 6.
Liquid level gauge. E. E. Van Ham. 2,382,946; Aug. 14.
Liquid level gauge. J. F. Werder. 2,370,099; Feb. 20.
Liquid level indicator. R. W. Blake. 2,382,377; Aug. 14.
Liquid level indicator. F. E. Grapes. 2,383,187; Aug. 21.
Liquid level indicator. L. B. Winton. 2,391,852; Dec. 25.
Liquid level switch. J. R. Muma, E. J. Wilson, Jr., and R. Haskins, Jr. 2,376,377; May 22.
Liquid lift. C. A. Neely. 2,390,265; Dec. 4.
Liquid materials, Solidified normally. A. J. Lalliberte. 2,386,804; Oct. 16.
Liquid measuring apparatus. D. G. Anderson and W. B. Fairfield. 2,388,662; Nov. 13.
Liquid meter. J. A. Swindle. 2,383,226; Aug. 21.
Liquid meter. S. M. Udale. 2,367,543; Jan. 16.
Liquid metering device. T. A. Baker. 2,385,784; Oct. 2.
Liquid proportioning apparatus. F. W. James. 2,368,990; Feb. 6.
Liquid pump. H. C. French. 2,368,132; Jan. 30.
Liquid pump. M. R. Sheen. 2,367,893; Jan. 23.
Liquid purification. L. R. Feinauer and R. S. Payne. 2,383,302; Aug. 21.
Liquid seal and flow gauge. H. A. Sholl, Jr. 2,370,755; Mar. 6.
Liquid seal vent. R. C. Ulm. 2,367,158; Jan. 9.
Liquid sealed pump. H. E. La Bour. 2,381,823; Aug. 7.
Liquid sealed vent valve. J. H. Wiggins. 2,384,147; Sept. 4.
Liquid sealing method. O. J. De Sylva. 2,368,645; Feb. 6.
Liquid slip regulator. C. B. Huston. 2,367,025; Jan. 9.
Liquid-solid separation. A. H. Schutte. 2,370,999; Mar. 6.
Liquid stop, Safety. J. B. Green. 2,388,481; Nov. 6.
Liquid, Supplying clarified. A. Latham, Jr. 2,381,760; Aug. 7.
Liquid-supplying device. J. L. Schwabe, Jr. 2,389,820; Nov. 27.
Liquid supplying means. P. S. Russel. 2,377,185; May 29.
Liquid transmission device. F. W. Guibert. 2,368,019; Jan. 23.
Liquid trap. R. Poole. 2,381,837; Aug. 7.
Liquid treating apparatus. A. Eaton. 2,367,851; Jan. 23.

Liquid treating apparatus. W. W. Gurney. 2,366,898; Jan. 9.
Liquid treating apparatus. F. B. Harvuot. 2,374,094; Apr. 17.
Liquid treating apparatus. F. D. Prager. 2,391,738; Dec. 25.
Liquid treating apparatus and process. W. H. Green. 2,368,354; Jan. 30.
Liquid treating apparatus and process. W. H. Green. 2,391,697; Dec. 25.
Liquid treating method. G. C. Supplee, O. G. Jensen, and G. E. Flanigan. 2,382,033; Aug. 14.
Liquid treatment. A. S. Behrman and H. B. Gustafson. 2,376,897; May 29.
Liquid treatment. J. J. Felsecker. 2,377,545; June 5.
Liquid treatment. E. A. Kamp and F. D. Prager. 2,370,356; Feb. 27.
Liquid treatment. E. W. Welp. 2,373,154; Apr. 10.
Liquid treatment of filamentary materials. R. W. Stanley and H. J. McDermott. 2,377,655; June 5.
Liquids, Distilling. R. C. Ford. 2,375,640; May 8.
Liquids, Method of and apparatus for degassing. T. C. Baker. 2,376,221; May 15.
Liquids, Noncorrosive. E. H. Keller. 2,373,570; Apr. 10.
Liquids, Purification of. R. F. Clemens. 2,375,282; May 8.
Liquids, Purification of organic. J. A. Patterson and R. J. Ozol. 2,386,058; Oct. 2.
Liquids, Treatment of. L. W. Hinton. 2,369,232; Feb. 13.
Liquor, Decomposition of sodium aluminate. H. Tiedemann. 2,380,804; July 31.
Liquor hydrolysis, Titanium. H. M. Stark. 2,369,262; Feb. 13.
Liquor, Treating fish press. S. H. Lassen. 2,372,677; Apr. 3.
Liquors, Distilling spirituous. H. F. Willkie. 2,383,176; Aug. 21.
Liquors, Treating Friedel-Crafts reaction. H. A. Robinson. 2,376,088; May 15.
Lister. W. H. Silver. 2,373,920; Apr. 17.
Lister attachment for tractors. H. H. Blalock. 2,368,631; Feb. 6.
Listing calculator. L. P. Crosman. 2,375,976; May 15.
Lithographic plate making apparatus. J. T. Campbell. 2,390,497; Dec. 11.
Lithographic plates, Preparation of. C. F. King. 2,390,944; Dec. 11.
Litter. E. Winer and A. Winer. 2,387,376; Oct. 23.
Litter, Folding. J. B. and S. G. Thomson. 2,378,809; June 19.
Litter, Poultry. L. P. Dreyling. 2,376,672; May 22.
Litter supporting apparatus. G. H. Windsor. 2,391,051; Dec. 18.
Live collet for screw machines. D. I. Wilson. 2,369,330; Feb. 13.
Load and altitude control. G. M. Holley, Jr. 2,367,499; Jan. 16.
Load-carrying member. M. Watter. 2,382,835; Aug. 14.
Load-controlling apparatus for compress. P. A. Yerger. 2,372,923; Apr. 3.
Load distribution of pluralities of generator units or other energy transmission units supplying a common load. Control of the. P. G. Kaufman. 2,366,968; Jan. 9.
Load handling apparatus. A. Mackmann and W. F. Ardussi. 2,391,580; Dec. 25.
Load handling mechanism. C. W. Morrison. 2,388,987; Nov. 13.
Load indicating hydraulic jack. H. O. Hem. 2,380,362; July 10.
Load protecting mechanism. C. W. Ackerman and E. A. Fierbaugh. 2,388,304; Nov. 6.
Load-stress converter. H. J. Sang. 2,370,196; Feb. 27.
Loader. J. N. Fees. 2,381,892; Aug. 14.
Loader, Bale. I. Z. Smoker. 2,367,970; Jan. 23.
Loader, Baled hay. F. G. Lewis. 2,372,902; Apr. 3.
Loader for self-propelled vehicles, Front end. J. W. Crabtree. 2,389,029; Nov. 13.
Loader, Front end. W. Armstrong. 2,391,538; Dec. 25.
Loader, Manure. F. H. Kent. 2,370,248; Feb. 27.
Loader, Mine car. D. W. Poston. 2,381,515; Aug. 7.
Loader, Portable. W. C. Steinmetz. 2,387,189; Oct. 16.
Loader, Scoop. T. R. Tazzart. 2,386,410; Oct. 9.
Loader, Vehicle. R. C. Shoemaker. 2,388,015; Oct. 30.
Loader with diagonal belt, Conveyer. R. Q. Armington, S. F. Armington, and G. E. Armington. 2,386,187; Oct. 9.
Loading and unloading apparatus. V. E. Hamilton, Jr. 2,371,887; Mar. 20.
Loading and unloading of work in machine tools. W. F. Groene and W. R. Meyer. Re. 22,621; Mar. 20.
Loading device. A. R. Henry. 2,379,523; July 3.
Loading device. W. Strauss. 2,385,311; Sept. 18.
Loading device for manure spreaders. I. E. Oberkamper. 2,368,422; Jan. 30.
Loading device, Material. C. A. Onofrio. 2,388,436; Nov. 6.
Loading, hauling, and unloading equipment. J. J. Hay. 2,386,216; Oct. 9.
Loading machine. E. M. Arentzen. 2,376,857; May 29.
Loading machine. J. L. Clarkson and A. B. Jackson. 2,370,147; Feb. 27.
Loading machine. F. D. Grim. 2,380,167; July 10.
Loading machine. A. S. Knoizen and J. F. Joy. 2,367,784; Jan. 23.
Loading machine. N. D. Levin. 2,365,536; Jan. 2.
Loading machine. E. G. Lewis. 2,377,505; June 5.
Loading machine. J. E. Ryan. 2,383,686; Aug. 28.
Loading mechanism. P. F. Skoog. 2,376,457; May 22.
Loading, Negative resistance. M. K. Zinn. 2,373,624; Apr. 10.
Loading rack. B. Goode. 2,368,016; Jan. 23.
Loading station for endless conveyers. K. Prins. 2,367,609; Jan. 16.
Locating and securing device. W. H. J. Brock. 2,374,270; Apr. 24.
Locating bottom of oil production. D. Silverman. 2,384,648; Sept. 11.
Lock: *See*—
Adjustable nut lock.
Airplane door lock.
Automatic door lock.
Automatic fish lock.
Automatic sculling oar lock.
Automobile wheel lock.
Ball gear lock.
Bead lock.
Combination lock.
Combined door and window lock.
Cylinder lock.
Door lock.
Drawer lock.
Electric lock.
Front door lock.
Galley lock.
Gate lock.
Gear shifter lock.
Hasp lock.
Jewelry lock.
Key controlled lock.
Key lock.
Landing gear lock.
Luggage lock.
Magnetic lock.
Manhole cover lock.
Mold lock.
Nut lock.
Pin tumbling lock.
Resilient nut lock.
Revolver crank lock.
Rudder tiller lock.
Safety lock.
Screen and door lock.
Spool cap lock.
Tailstock lock.
Tank lock.
Thread lock.
Tire bead lock.
Tool head lock.
Universal rotary drive lock.
Valve lock.
Washer and cotter pin lock.
Water lock.
Window lock.
Lock. A. S. Karczewski. 2,386,868; Oct. 16.
Lock. R. K. Kind and R. H. Konikoff. 2,370,800; Mar. 6.
Lock. R. Marple. 2,374,223; Apr. 24.
Lock. B. H. Roberts. 2,369,856; Feb. 20.
Lock. M. Schnur. 2,390,467; Dec. 4.
Lock and fastening device. L. W. Young. 2,381,633; Aug. 7.
Lock and switch, Ignition. R. J. Beagles. 2,391,119; Dec. 18.
Lock device. E. N. Jacobi. 2,379,440; July 3.
Lock, Door. H. G. Voight. Re. 22,622; Mar. 20.
Lock fastener. D. M. Richey. 2,390,173; Dec. 4.
Lock for airplane doors or the like. S. Oxhandler. 2,381,512; Aug. 7.
Lock for automatic recoil-operated weapons, Gas-operated. D. W. Bloomquist. 2,372,542; Mar. 27.
Lock for mine cars, Latch. R. A. Shields. 2,376,826; May 22.
Lock for screw threads, Friction. R. Ensinger and J. H. Foote. 2,384,668; Sept. 11.
Lock for vending machines, Empty. E. H. Thompson. 2,383,229; Aug. 21.
Lock forming apparatus, Vacuum tube mode. E. Sirp. 2,367,147; Jan. 9.
Lock, latch, and the like. E. C. Deal. 2,390,076; Dec. 4.
Lock mechanism, Adjustable cylinder. S. Oxhandler. 2,381,136; Aug. 7.
Lock mechanism for doors. W. Falk. 2,370,646; Mar. 6.
Lock nut. O. Barr. 2,374,266; Apr. 24.
Lock-nut. R. T. Hosking. 2,370,352; Feb. 27.
Lock nut. S. Isakson. 2,367,399; Jan. 16.
Lock nut. E. A. Miller. 2,379,980; July 10.
Lock-nut. H. P. Randall. 2,391,513; Dec. 25.
Lock nut and making same. W. C. Beach. 2,367,259; Jan. 16.
Lock nut device. A. A. Sargent, Jr. 2,381,936; Aug. 14.
Lock or latch. B. L. Cullum. 2,370,781; Mar. 6.
Lockout device, Fluid. C. B. Seymour. 2,375,498; May 8.
Lock release, Brake pedal. M. Maiwald. 2,388,002; Oct. 30.
Lock ring. F. H. LeJeune. 2,367,788; Jan. 23.
Lock strip and structural member, Combination. R. M. Brown. 2,373,808; Apr. 17.
Lock stud. F. Le B. Lord. 2,388,273; Nov. 6.
Lock washer. V. Pierce. 2,370,912; Mar. 6.
Lockable hasp fastener. A. J. Komenak. 2,374,687; May 1.
Locker room, Refrigerated food. G. B. Quatman. 2,375,688; May 8.
Locket latch. J. M. Slain. 2,377,816; June 5.
Locking and setting device. J. T. Phipps. 2,389,869; Nov. 27.
Locking device. O. H. Basquin. 2,371,121; Mar. 6.
Locking device. O. De Cardy. 2,389,424; Nov. 20.
Locking device. R. A. Martin and A. W. Say. 2,391,724; Dec. 25.
Locking device. F. C. Murray. 2,374,297; Apr. 24.
Locking device for folding chairs. W. E. Clarin. 2,381,574; Aug. 7.
Locking device for load supporting pins. L. G. Ehmann. 2,369,344; Feb. 13.

Locking device for remote control and other force transmitting systems. J. K. Simpson. 2,384,201; Sept. 4.
Locking device for telescoping members. S. E. Butler. 2,367,196; Jan. 16.
Locking device, Safety. D. Samiran. 2,385,381; Sept. 25.
Locking device, Slide fastener tab. A. E. Johnson. 2,383,197; Aug. 21.
Locking device, Threaded. R. W. Luce. 2,376,927; May 29.
Locking device, Window. T. Hannon. 2,380,694; July 31.
Locking for screw threaded male parts. D. Nield. 2,371,595; Mar. 13.
Locking means for apparatus assemblies. E. W. Breisch and P. N. Boosart. 2,370,003; Feb. 20.
Locking means for race horse starting gates. K. C. Goodman. 2,381,903; Aug. 14.
Locking mechanism. F. Schlifer. 2,373,783; Apr. 17.
Locking mechanism, Aircraft. A. Bondar. 2,371,673; Mar. 20.
Locking mechanism for doors. L. O. Cederwall. 2,375,196; May 8.
Locking mechanism for electric switches. J. M. Anderson. 2,280,400; Nov. 20.
Locking mechanism for file drawers. J. R. Jones. 2,371,157; June 26.
Locking mechanism for typewriting calculating machines. H. E. Kammel. 2,369,574; Feb. 13.
Locking mount. K. E. Schonert and W. C. Hatfield. 2,376,280; May 15.
Locking pin. P. Jepson. 2,370,171; Feb. 27.
Locking sectional handle. E. J. Mason. 2,371,639; Mar. 20.
Locking spur, Springing nut with. G. W. Plumb. 2,379,593; July 3.
Locking system for automobiles, Electrical coincidental. R. N. Ward. 2,371,370; Mar. 13.
Locking valve. J. Mercier. 2,385,016; Sept. 18.
Locking wrench. W. I. Truby. 2,385,660; Sept. 25.
Locomotive. E. Gray. 2,386,679; Oct. 9.
Locomotive. S. Marchak. 2,379,021; June 26.
Locomotive booster recorder. F. D. Welden. 2,380,001; July 10.
Locomotive control system. C. E. Baston and L. J. Hibbard. 2,367,919; Jan. 23.
Locomotive control system. C. E. Baston. 2,369,997; Feb. 20.
Locomotive control system. T. L. Weybrew. 2,374,060; Apr. 17.
Locomotive driver liner structure. J. J. Hennessy. 2,371,418; June 5.
Locomotive firebox equipment. C. A. Siegel. 2,367,532; Jan. 16.
Locomotive gear drive. W. A. Brecht. 2,370,002; Feb. 20.
Locomotive, High-wheeled. W. E. Woodard. 2,366,465; Jan. 2.
Locomotive power drive. E. Gray. 2,387,843; Oct. 30.
Locomotive power reverse gear. W. E. Woodard. 2,385,957; Oct. 2.
Locomotive spark arrester. L. H. Jones. 2,379,007; June 26.
Locomotive, Steam. G. A. Silversparre. 2,387,950; Oct. 30.
Locomotive, Steam-turbine. F. L. Alben. 2,386,186; Oct. 9.
Locomotive superheater. J. S. Coffin, Jr., and C. A. Schellens. 2,379,217; June 26.
Locomotive suspension. A. J. Townsend. 2,371,323; Mar. 13.
Locomotive, Turbine. C. Kerr, Jr. 2,387,913; Oct. 30.
Locomotive with high accumulator pressure, Fireless. P. Gilli. 2,367,114; Jan. 9.
Log bunk. F. W. Chriswell. 2,382,002; Aug. 14.
Log carrier. E. K. Allen. 2,376,953; May 29.
Log grab hook. R. F. Kerstetter. 2,372,724; Apr. 3.
Logging bunk, Spring mounted. A. Benz. 2,371,602; Mar. 20.
Logging, Well. C. R. Hocott. 2,387,513; Oct. 23.
Logging, Well. W. D. Monnce. 2,376,168; May 15.
Logging, Well. D. Silverman. 2,389,241; Nov. 20.
Logging wells, Method and apparatus for. D. G. C. Hare. 2,381,904; Aug. 14.
Long-chain tertiary amines, Production of. J. E. Kirby. 2,369,534; Jan. 2.
Loom: *See*—
Convertible weft replenishing loom.
Electro-pneumatic loom.
Hand loom.
Harness loom.
Interlacing needle loom.
Weft replenishing loom.
Weft replenishing, pick-and-pick, filling mixing loom.
Loom. F. G. Cobb. 2,373,293; Apr. 10.
Loom. S. J. Geddings. 2,384,909; Sept. 18.
Loom. S. P. Parker. 2,382,741; Aug. 14.
Loom. A. R. and E. R. Pedrazzo. 2,374,951–2; May 1.
Loom. H. L. Shuttleworth. 2,389,091; Nov. 13.
Loom. J. Vanore. 2,371,562; Mar. 13.
Loom. L. J. Zerbee. 2,383,903; Aug. 28.
Loom construction. A. Fox and H. J. Dudley. 2,382,048; Aug. 14.
Loom crate cleaner. J. K. Cooper. 2,367,564; Jan. 16.
Loom harness stop motion. T. J. Sanders. 2,368,427; Jan. 30.
Loom reed. V. F. and S. F. McLane. 2,383,140; Aug. 21.
Loom stop motion. J. Neubauer. 2,369,844; Feb. 20.
Loom stopping means. C. D. Brown. 2,378,895; June 26.
Looms, Shuttle check for. E. A. Santon. 2,390,963; Dec. 11.
Loop-circuit supervisory system. E. L. Harder. 2,390,788; Dec. 11.
Loop pickers, Method and apparatus for molding. H. M. Bacon. 2,369,636; Feb. 20.
Loop-plush fabric, Production of. M. Nebel. 2,379,852; July 3.
Loop, Slide. G. H. Elwell. 2,383,049; Aug. 21.
Loop, Slide. G. H. Elwell. 2,383,298; Aug. 21.
Loop-takers for sewing machines, Vertical-axis rotary. J. G. G. Batting. 2,370,930; Mar. 6.
Looper mechanism, Sewing machine. E. Muecke. 2,389,867; Nov. 27.
Loose-leaf binder. C. T. Cadwallader. 2,374,635; Apr. 24.
Loose leaf binder and the like, Nonmetallic. W. C. Broadwell. 2,374,803; May 1.
Loose-leaf filing device. H. R. Federn. 2,372,717; Apr. 3.
Loose-leaf holder. L. W. Evans. 2,376,423; May 22.
Loosely dumped filling body. H. Frischer. 2,376,349; May 22.
Loosening a corrosion frozen metal-to-metal joint. Z. Deshaw. 2,371,033; Mar. 6.
Loud-speaker. P. W. Klipsch. 2,373,692; Apr. 17.
Loud-speaker. M. F. Lucas. 2,386,964; Oct. 16.
Loud speaker. J. P. Quam. 2,380,869; July 31.
Loud speaker, Double diaphragm. E. D. Cook. 2,371,951; Mar. 20.
Loud-speaker, Horn. J. Hegener. 2,390,834; Dec. 11.
Louver. V. E. Huff. 2,375,176; May 1.
Louver construction, Tropical. W. A. Andresen and L. Boero. 2,386,380; Oct. 9.
Louver, Slant roof. F. H. Leslie. 2,382,076; Aug. 14.
Louver, Vertical wall. F. H. Leslie. 2,382,075; Aug. 14.
Low melting point alloys, Purification of. A. B. Richards and J. T. O'Reilly. 2,391,516; Dec. 25.
Lowering device for large cartridges. T. Dove, Jr. 2,387,701; Oct. 23.
Lubricant. A. L. Bayes. 2,384,002; Sept. 4.
Lubricant. H. T. Bennett and J. R. Marshall. 2,390,491–2; Dec. 11.
Lubricant. D. E. Bergen. 2,368,106; Jan. 30.
Lubricant. D. E. Bergen. 2,386,964; Oct. 2.
Lubricant. F. B. Downing and H. M. Fitch. 2,382,781; Aug. 14.
Lubricant. E. A. Evans. 2,367,344; Jan. 16.
Lubricant. B. B. Farrington. 2,370,300; Feb. 27.
Lubricant. L. S. Galstaun. 2,384,023; Sept. 4.
Lubricant. E. D. Herlocker, M. P. Kleinhols, and F. M. Watkins. 2,368,022–3; Jan. 23.
Lubricant. E. D. Herlocker, M. P. Kleinhols, and F. M. Watkins. 2,388,057–9; Oct. 30.
Lubricant. L. P. Jehle. 2,384,551; Sept. 11.
Lubricant. S. E. Jolly. 2,380,531; July 31.
Lubricant. G. Kaufman and S. R. Philson. 2,367,355; Jan. 16.
Lubricant. E. Lieber. 2,382,730; Aug. 14.
Lubricant. B. H. Lincoln and G. D. Byrkit. 2,371,631; Mar. 20.
Lubricant. B. H. Lincoln and G. D. Byrkit. 2,386,222; Oct. 9.
Lubricant. R. F. McCleary and J. E. Fields. 2,366,539; Jan. 2.
Lubricant. L. W. Mixon and C. M. Loane. 2,377,955; June 12.
Lubricant. J. D. Morgan. 2,383,917; Aug. 28.
Lubricant. M. Reswick. 2,388,083; Oct. 30.
Lubricant. W. B. Ross, W. J. Backoff, and N. D. Williams. 2,371,319; Mar. 13.
Lubricant. J. B. Stucker. 2,382,115; Aug. 14.
Lubricant and preparation. E. Lieber and R. M. Dean. 2,383,869; Aug. 28.
Lubricant and preparing and using same. M. Reswick. 2,377,106; May 29.
Lubricant and preparing same. W. A. Whittier. 2,382,121; Aug. 14.
Lubricant and preparing the lubricant additive for this lubricant, Stabilized. N. D. Williams and W. J. Backoff. 2,375,061; May 1.
Lubricant and preparing the same. A. Lazar, P. M. Ruedrich, and R. L. Frazier. 2,371,763; Mar. 20.
Lubricant composition, Stabilized. W. Schreiber. 2,370,080; Feb. 20.
Lubricant compositions. H. G. Smith and T. L. Cantrell. 2,371,655–6; Mar. 20.
Lubricant compositions and making the same. H. G. Smith and T. L. Cantrell. 2,371,852; Mar. 20.
Lubricant, Compounded. B. B. Farrington. 2,370,299; Feb. 27.
Lubricant conditioner. F. B. Harvuot. 2,388,636; Nov. 6.
Lubricant control valve. E. W. Davis. 2,378,985; June 26.
Lubricant, Goldbeater's. D. D. Swift. 2,391,654; Dec. 25.
Lubricant heating system for turbo-supercharges and the like. J. C. Buechel. 2,388,523; Nov. 6.
Lubricant manufacture. R. E. Darley. 2,382,604; Aug. 14.
Lubricant manufacture. J. C. Zimmer. 2,383,904; Aug. 28.

Lubricant, Pneumatic tool. D. L. Wright. 2,389,227; Nov. 20.
Lubricant, Semifluid chassis or track roller. A. J. Morway and J. C. Zimmer. 2,379,245; June 26.
Lubricant, Synthetic. B. H. Lincoln, G. D. Byrkit, and W. L. Steiner. 2,367,133; Jan. 9.
Lubricants. E. W. Adams and G. W. Flint. 2,383,033; Aug. 21.
Lubricants. A. Beerbower and J. C. Zimmer. 2,372,052; Mar. 20.
Lubricants. W. P. Hilliker. 2,386,553; Oct. 9.
Lubricants. E. Lieber and A. F. Cashman. 2,369,149; Feb. 13.
Lubricants. R. F. McCleary. 2,389,527; Nov. 20.
Lubricants. L. W. Mixon and C. M. Loane. 2,367,468; Jan. 16.
Lubricants. J. D. Morgan. 2,379,850; July 3.
Lubricants. J. D. Morgan. 2,383,146; Aug. 21.
Lubricants. J. D. Morgan. 2,383,915–16; Aug. 28.
Lubricants. J. A. Patterson and R. F. McCleary. 2,375,579; May 8.
Lubricants. J. A. Patterson and R. F. McCleary. 2,388,074; Oct. 30.
Lubricants. J. A. Smith. 2,378,803; June 19.
Lubricants. J. C. Zimmer and G. M. McNulty. 2,383,905; Aug. 28.
Lubricants and manufacturing the same. A. H. Gleason. 2,379,229; June 26.
Lubricants and preparation thereof. E. Lieber and C. E. Hodges. 2,383,605; Aug. 28.
Lubricants and preparing same. J. G. McNab and W. T. Watkins, Jr. 2,379,241; June 26.
Lubricants, etc., Beneficiating. R. E. Burk and E. C. Hughes. 2,367,264; Jan. 16.
Lubricants containing di-phosphorus esters. E. F. Engelke. 2,373,670; Apr. 17.
Lubricants, Gear. H. G. Smith. 2,377,654; June 5.
Lubricants, Making. M. Pier and F. Christmann. 2,376,807; May 22.
Lubricants, Low temperature. J. D. Morgan. 2,387,170; Oct. 16.
Lubricants, Low temperature. J. D. Morgan. 2,389,924; Nov. 27.
Lubricants, Preparation of. J. M. Musselman. 2,383,495; Aug. 28.
Lubricants, Production of. H. M. Fraser. 2,380,960; Aug. 7.
Lubricants, Stabilized. N. D. Williams and W. J. Backoff. 2,375,060; May 1.
Lubricated gate valve. W. J. Wiehl. 2,383,099; Aug. 21.
Lubricated plug valve. C. I. Hummer. 2,373,832; Apr. 17.
Lubricated plug valve. D. M. Knox. 2,373,964–5; Apr. 17.
Lubricated valve. R. Clade. 2,373,742; Apr. 17.
Lubricated valve. F. H. Mueller and W. J. Bowan 2,368,768; Feb. 6.
Lubricated wedge seal valve. W. Kerr and W. G. Stolberg. 2,389,670; Nov. 27.
Lubricating and corrosion-preventing composition. J. E. Shields and U. B. Bray. 2,389,090; Nov. 13.
Lubricating and plasticizing composition, Rubber. M. Omansky. 2,388,618; Nov. 6.
Lubricating and sealing compound. S. C. Carney. 2,374,650; May 1.
Lubricating arrangement for power driven saws. W. T. Melvin and H. L. Rougemont. 2,391,730; Dec. 25.
Lubricating composition. J. F. Cook. 2,382,860; Aug. 14.
Lubricating composition. A. H. Gleason. 2,366,517; Jan. 2.
Lubricating composition. W. Helmore. 2,391,311; Dec. 18.
Lubricating composition. L. C. Kemp, Jr. 2,381,127; Aug. 7.
Lubricating composition. L. C. Kemp, Jr. 2,389,513; Nov. 20.
Lubricating composition. B. H. Lincoln and G. D. Byrkit. 2,365,670; Feb. 6.
Lubricating composition. J. C. Zimmer and A. J. Morway. 2,391,113; Dec. 18.
Lubricating composition, a wax depresser therefor and its method of preparation. E. Lieber. 2,366,735; Jan. 9.
Lubricating composition, Preparing a. J. F. Werder. 2,372,414; Mar. 27.
Lubricating compositions. E. W. Cook and W. D. Thomas, Jr. 2,368,000; Jan. 23.
Lubricating device. W. A. Berg. 2,369,428; Feb. 13.
Lubricating device. G. R. Eitner. 2,384,824; Sept. 18.
Lubricating device. B. F. Pease, Jr. Re. 22,647; May 29.
Lubricating device, Car journal. C. L. Howard. 2,385,280; Sept. 18.
Lubricating device for sewing machine loop-takers. F. Parry. 2,367,046; Jan. 9.
Lubricating device for sewing machine loop-takers. F. Parry. 2,383,152; Aug. 21.
Lubricating device for sewing machines. F. Parry. 2,381,685; Aug. 7.
Lubricating device for sewing machines. S. Zonis. 2,387,968; Oct. 30.
Lubricating device, Journal. E. C. and M. C. Jeffers. 2,386,121; Oct. 2.
Lubricating greases. J. D. Morgan. 2,391,842; Dec. 25.
Lubricating means, Bearing. A. H. Morey. 2,380,985; Aug. 7.
Lubricating system. W. M. Malott. 2,385,522; Sept. 25.
Lubricating system, Centralized. E. W. Davis. 2,368,808; Feb. 6.
Lubricating system for aircraft superchargers. W. H. Allen. 2,391,000; Dec. 18.
Lubricating system for aircraft superchargers. W. L. Reed. 2,370,581; Feb. 27.
Lubricating system for cloth shearing machines. W. N. Hadley. 2,377,146; May 29.
Lubricating system for internal-combustion engines, Valve. C. T. Doman. 2,381,339; Aug. 7.
Lubricating system for machine tools. W. G. Baldenhofer. 2,384,590; Sept. 11.
Lubrication. A. T. Knutson and E. F. Graves. 2,387,999; Oct. 30.
Lubrication. E. H. Kocher. 2,382,426; Aug. 14.
Lubrication, Cylinder bore. H. F. Barr. 2,375,612; May 8.
Lubrication indicator. E. B. Glendenning. 2,368,593; Jan. 30.
Lubrication material, Goldbeater. D. D. Swift. 2,391,653; Dec. 25.
Lubrication of automotive tires. M. B. Boyce. 2,388,114; Oct. 30.
Lubrication system control valve. L. T. Miller. 2,383,878; Aug. 28.
Lubrication system for fuel injecting pumps. W. T. Tabb. 2,370,506; Feb. 27.
Lubrication system for valves, Dual. A. S. Volpin. 2,368,183; Jan. 30.
Lubricator: *See*—
Conveyer lubricator.
Hand operated tank lubricator.
Wheel flange lubricator.
Lubricator for meat slicing machine belts. G. H. Harry. 2,379,298; June 26.
Lubricator structure, Journal. J. J. Hennessy. 2,390,367; Dec. 4.
Lug, Tractor. R. J. Van De Hey. 2,377,195; May 29.
Luggage, Article of. D. A. Russell. 2,370,492; Feb. 27.
Luggage handle clip. G. Lipschutz. 2,368,934; Feb. 6.
Luggage lock. F. K. Heyer. 2,388,227; Oct. 30.
Lumber, Producing artificial. P. Kenda. 2,373,690; Apr. 17.
Luminaire. K. Franck. 2,368,014; Jan. 23.
Luminaire. T. W. Rolph. 2,366,356; Jan. 2.
Luminaire for use with tubular fluorescent lamps. W. J. Strassburger and V. W. Hunter. 2,385,040; Sept. 18.
Luminescent material. H. M. Fernberger. 2,372,071; Mar. 20.
Luminescent tube system. J. H. Bridges. 2,370,635; Mar. 6.
Luminescent tube system and apparatus. C. P. Boucher and F. A. Kuhl. 2,370,633; Mar. 6.
Luminous article and method. J. R. Lynch. 2,372,903; Apr. 3.
Lunch box. V. W. Busch. 2,390,638; Dec. 11.
Lure, Fish. C. Wood. 2,382,595; Aug. 14.
Lure, Fishing. J. Helfenstein. 2,385,986; Oct. 2.
Lutidine-urea compounds, Production of. G. Riethof. 2,376,008; May 15.
M-cresol or p-cresol, Recovering substantially pure. K. H. Engel. 2,382,142; Aug. 14.
Machine and making cellulose films and the like. E. Czapek. 2,371,155; Mar. 13.
Machine and the like, Mold cutting. R. Attl. 2,379,419; July 3.
Machine assembly, Multiple-operation. W. K. Millholland. 2,371,906; Mar. 20.
Machine construction. J. B. Giern and A. P. Anholtt. 2,378,212; June 12.
Machine control. E. M. Schenk. 2,387,532; Oct. 23.
Machine control mechanism. R. Jongedyk. 2,369,298; Feb. 13.
Machine drive and control. E. M. Runquist and L. A. Ederer. 2,387,185; Oct. 16.
Machine feed mechanism. T. H. Ljunggren. 2,368,992; Feb. 6.
Machine for and making filled capsules. B. C. Cowley. 2,387,747; Oct. 30.
Machine for applying fasteners to paper booklets. O. F. Goepfert. 2,390,096; Dec. 4.
Machine for applying multicolored flock. J. W. Riggenbach. 2,388,999; Nov. 13.
Machine for applying sealing compound to container ends. P. E. Pearson and A. Treff. 2,391,341; Dec. 18.
Machine for applying strips of material to curved surfaces. H. G. Steinmetz. 2,390,398; Dec. 4.
Machine for assembling retainers. H. L. Potter. 2,376,081; May 15.
Machine for assembling shafts and armature cores. L. E. Poole. 2,390,170; Dec. 4.
Machine for assembling uppers and their lasts. E. A. Holmgren. 2,375,788; May 15.
Machine for automatically grinding thread gauges and the like. W. J. Bauer. 2,380,286; July 10.
Machine for bending articles. O. J. E. Olsson. 2,371,464; Mar. 13.
Machine for bending bars and the like. R. M. Shaw, Jr. 2,369,923; Feb. 20.
Machine for bending tubes. D. B. Nivison. 2,367,602; Jan. 16.
Machine for boring. G. A. De Vlieg. 2,383,958; Sept. 4.
Machine for bundling tubular articles and the like. I. B. Gruber and W. L. Zemberry. 2,387,658; Oct. 23.

Machine for cleaning hair and scalp. J. Ellis. 2,387,893; Oct. 30.
Machine for coating textile fabrics. J. Lloyd. 2,377,637; June 5.
Machine for coloring cigarette wrappers. H. Friedwald. 2,366,187; Jan. 2.
Machine for cooking, dehydrating, and/or cooling foodstuffs. H. K. de Weerth. 2,374,425; Apr. 24.
Machine for cooking, dehydrating and/or cooling foodstuffs. H. K. de Weerth. 2,374,587; Apr. 24.
Machine for crimping sheet metal. C. M. Yoder. 2,370,702; Mar. 6.
Machine for cutting articles. C. A. Martin. 2,377,437; June 5.
Machine for cutting gears. A. H. Candee and L. O. Carlsen. 2,385,330; Sept. 25.
Machine for cutting objects. F. Y. Pearne and J. D. Rossier. 2,386,341; Oct. 9.
Machine for cutting metal parts. R. Fauser. 2,366,247; Jan. 2.
Machine for cutting or shearing sheets or plates of metal. C. J. Rhodes. 2,371,411; Mar. 13.
Machine for cutting skins. R. H. Konikoff. 2,385,712; Sept. 25.
Machine for cutting tubular members into rings. J. W. Howlett. 2,380,178; July 10.
Machine for cutting tubular members into rings. J. W. Howlett. 2,380,695; July 31.
Machine for decorating bottles. D. Ray. 2,371,265; Mar. 13.
Machine for dimpling or the like. W. Kahler and F. H. Lathrop. 2,374,019; Apr. 17.
Machine for distortion correction in metal plate. G. L. Miller. 2,376,853; May 22.
Machine for distributing and orienting bullets. M. D. Mayberry. 2,387,672; Oct. 23.
Machine for drilling holes in screw heads and the like. M. W. Humphreys. 2,369,828; Feb. 20.
Machine for driving slopes and air courses in mines. E. Ramsay. 2,384,397; Sept. 4.
Machine for everting ball casings and similar articles. R. A. Sopp. 2,378,336; June 12.
Machine for fabricating glass. J. C. Smith. 2,368,170; Jan. 30.
Machine for fastening uppers to insoles. E. Quinn. 2,387,351; Oct. 23.
Machine for filling products into containers. C. A. Huth. 2,381,454; Aug. 7.
Machine for fin tubes, Welding. N. C. Thompson, A. Y. Gunter, W. A. Shaw, and W. E. Roe. 2,390,855; Dec. 11.
Machine for finishing the runner face of skis. B. O. Westman. 2,384,777; Sept. 11.
Machine for forming and reinforcing cutouts. F. S. Glines. 2,381,818; Aug. 7.
Machine for forming and welding chains. L. B. Campbell. 2,371,280; Mar. 13.
Machine for forming capsulating material. R. P. Scherer. 2,379,831; July 3.
Machine for forming heel flaps. L. Sabo. 2,372,122; Mar. 20.
Machine for forming material. G. D. Rechton, D. J. Ward, and J. H. Watson. 2,372,516 Mar. 27.
Machine for forming separated bodies. A. C. Mason. 2,388,623; Oct. 9.
Machine for gathering and stacking materials such as hay and the like. F. L. Willrodt. 2,372,870; Apr. 3.
Machine for generating curved surfaces. W. J. Joyce and G. W. Jackson. 2,380,446; July 31.
Machine for generating fine pitch and other gears. E. W. Miller. 2,372,596; Mar. 27.
Machine for generating spiral face gears. E. W. Miller and A. I. Bean. 2,371,702; Mar. 20.
Machine for grading leather blanks. A. G. B. Metcalf. 2,368,205; Jan. 2.
Machine for grinding and turning brake drums. O. J. E. Olsson. 2,367,137; Jan. 9.
Machine for grinding bits. F. Dixon. 2,384,899; Sept. 18.
Machine for grinding knife blades. C. F. Brown. 2,377,126; May 29.
Machine for grinding metal. E. Bannister. 2,375,340; May 8.
Machine for grinding twist drills. F. Ricks. 2,372,794; Apr. 3.
Machine for handling fluid material for treating pavement subgrade materials. J. W. Poulter. 2,368,568; Jan. 30.
Machine for hobbing. S. M. Ransome. 2,389,815; Nov. 27.
Machine for honing tooth grooves of gear finishing tools. W. F. Ross. 2,389,549; Nov. 20.
Machine for inserting cartridges into cartridge belts for automatic guns. C. T. Hall and R. W. Harris. 2,391,568; Dec. 25.
Machine for knitting. I. H. C. Green. 2,376,050; May 15.
Machine for knitting hosiery. H. E. Woodcock. 2,385,672; Sept. 25.
Machine for labels and the like, Combined paper feeding and gumming. F. G. Cook. 2,377,295; May 29.
Machine for machining arcuate surfaces. E. Barker. 2,379,870; July 10.
Machine for machining screw gears. A. Aeppli. 2,376,110; May 15.
Machine for making and applying spangles. C. Bustamante. 2,390,639; Dec. 11.
Machine for making corded tape. D. B. Brownlow and J. Feulner. 2,383,767; Aug. 28.
Machine for making cushions. J. H. Woodall. 2,391,814; Dec. 25.
Machine for making decorative paper strips. P. A. Hilliard. 2,383,797; Aug. 28.
Machine for making multiply boards. J. U. Forbes. 2,380,512; July 31.
Machine for making packages. M. H. Sidebotham. 2,368,429; Jan. 30.
Machine for making preforms. F. S. Gregory, Jr. 2,386,891; Oct. 16.
Machine for making prints. G. M. Dye. 2,384,019; Sept. 4.
Machine for making radio tube heater elements. A. La France. 2,380,320; July 10.
Machine for making recesses in steel tool shanks. J. W. Standish. 2,372,531; Mar. 27.
Machine for making strain gauges. W. D. Van Dyke. 2,374,512; Apr. 24.
Machine for making welded wire fabric. W. S. Southwick. 2,368,047; Jan. 23.
Machine for manipulating belts of cartridges for automatic guns. C. T. Hall and R. W. Harris. 2,390,097; Dec. 4.
Machine for manufacturing dynamo armatures. L. E. Poole and E. R. Fausset. 2,390,897; Dec. 11.
Machine for manufacturing heat sealing filter sheet materials. H. O. Irmscher. 2,370,168; Feb. 27.
Machine for manufacturing molded pulp articles. M. P. Chaplin. 2,380,942; Aug. 7.
Machine for manufacturing molded pulp articles. M. P. Chaplin. 2,388,828; Nov. 13.
Machine for manufacturing soldered parts. J. Handley. 2,367,274; Jan. 16.
Machine for molding pyrometric cones. G. A. Bole, M. C. Shaw, and H. E. Co Van. 2,377,667; June 5.
Machine for molding tuyères. R. B. Keplinger and C. A. Fry. 2,391,424; Dec. 25.
Machine for operating on shoes. F. W. De Tour. 2,371,741; Mar. 20.
Machine for pasting storage battery grids. J. E. Hatfield. 2,385,277; Sept. 18.
Machine for perforating, slitting, or scoring sheets. J. A. Davidson. 2,390,426; Dec. 4.
Machine for planting potatoes. W. T. Teagle. 2,385,740; Sept. 25.
Machine for playing card games. J. J. Hickey. 2,383,860; Aug. 28.
Machine for preparing newsprint paper for use as pencil sheaths. K. Miller. 2,375,676; May 8.
Machine for producing circular saws. A. Rickenmann. 2,388,183; Oct. 30.
Machine for producing containers and parts thereof. C. T. Brewer. 2,385,604; Sept. 25.
Machine for producing gears. L. O. Carlsen. 2,385,331; Sept. 25.
Machine for producing knitted fabric. C. W. Minton. 2,378,316; June 12.
Machine for reading perforated record cards. R. T. Blakely. 2,371,120; Mar. 6.
Machine for reinforcing insoles. H. C. Paulsen. 2,387,288; Oct. 23.
Machine for removing snow. E. B. Cadwell. 2,390,421; Dec. 4.
Machine for reshaping bottle caps. F. McCullough and E. Gray. 2,387,673; Oct. 23.
Machine for sealing containers. M. H. Sidebotham. 2,368,046; Jan. 23.
Machine for sealing waxed paper bags. A. B. McLauchlan. 2,385,583; Sept. 25.
Machine for securing tags to bag strings. J. T. Dalton. 2,382,778; Aug. 14.
Machine for setting up box blanks. H. W. Gregoire. 2,371,046; Mar. 6.
Machine for shaping and binding articles. C. C. Enright. 2,370,642; Mar. 6.
Machine for shaping fasteners. D. W. Fether. 2,388,355; Nov. 6.
Machine for shaping shoe uppers. R. E. Duplessis. 2,379,425; July 3.
Machine for shaping shoe uppers. R. E. Duplessis. 2,385,336; Sept. 25.
Machine for shaping uppers over lasts. L. E. Proulx. 2,385,466; Sept. 25.
Machine for sharpening cutters. G. A. De Vlieg. 2,390,521; Dec. 11.
Machine for shelling peas and beans. H. Z. Stewart. 2,374,466; Apr. 24.
Machine for shelling rice and other grains. E. P. Miller. 2,381,507; Aug. 7.
Machine for subdividing blocks of glue and other materials into small pieces. A. Weiner. 2,386,730; Oct. 9.
Machine for tearing woven fabric. M. W. Higby. 2,370,465; Feb. 27.
Machine for the coating of webs of paper and like absorbent material. A. R. Trist. 2,368,176; Jan. 30.
Machine for the grinding of screw threads. T. Metcalfe. 2,367,957; Jan. 23.
Machine for the manufacture of cans. G. Antos. 2,366,993; Jan. 9.

Machine for the manufacture of piston rings. H. P. Phillips. 2,377,960; June 12.
Machine for the working of blanks. J. Kury. 2,385,581; Sept. 25.
Machine for threading and cutting tubular articles. F. W. Hill. 2,390,533; Dec. 11.
Machine for treating hides, skins, and leather. C. D. Knowlton and D. Edgar. Re. 22,649; June 5.
Machine for treating sheet materials. D. Edgar. 2,366,242; Jan. 2.
Machine for treating skins and the like. B. C. Nelson. 2,376,500; May 22.
Machine for treating thin rubber articles. G. Fingado. Re. 22,631; Apr. 17.
Machine for turning windrowed hemp and the like. J. B. Kucera. 2,391,427; Dec. 25.
Machine for twisting strip stock. R. F. Heinemann. 2,377,629; June 5.
Machine for typewriter ribbons, Reinking. L. L. Ogg. 2,390,612; Dec. 11.
Machine for typewriting on cartons. T. C. Wornel. 2,374,402; Apr. 24.
Machine for untwisting rope and the like. G. J. Cormier, Jr. 2,390,923; Dec. 11.
Machine for utilizing power. J. S. Parenti. 2,391,476; Dec. 25.
Machine for welding. F. Martindell. 2,388,754; Nov. 13.
Machine for winding the stators of electric motors. O. Wirth. 2,389,336; Nov. 20.
Machine for wrapping butter. L. R. Newton. 2,376,076; May 15.
Machine for wrapping plastic materials. A. Russell, M. Parker, and R. A. Harris. 2,379,655; July 3.
Machine gun ammunition magazine and mount. J. C. Trotter. 2,366,689; Jan. 2.
Machine gun cartridge belt and the like. G. F. and R. French. 2,376,962; May 29.
Machine gun case and link ejection chute. E. C. Holton. 2,384,678; Sept. 11.
Machine gun charger. H. C. Grant, Jr., and W. A. V. Thomsen. 2,384,834; Sept. 18.
Machine gun feed mechanism. J. C. Trotter. 2,390,477; Dec. 4.
Machine gun hanger. C. W. Thompson. 2,386,015; Oct. 2.
Machine gun mount. J. S. Weaver. 2,370,896; Mar. 6.
Machine head-control mechanism. F. B. Iden. 2,376,540; May 22.
Machine index. N. M. Marsilius. 2,370,367; Feb. 27.
Machine protective apparatus. C. A. Wiken and E. A. Reibig. 2,384,512; Sept. 11.
Machine safety mechanism, Wrapping. T. Jensen. 2,391,316; Dec. 18.
Machine tool. J. B. Armitage and O. W. Barker. 2,370,764; Mar. 6.
Machine tool. J. B. Armitage, O. W. Barker, K. A. Riedel, and F. D. Boehmer. 2,387,820; Oct. 30.
Machine tool. W. F. Biesi. 2,384,527; Sept. 11.
Machine tool. F. H. Bogart. 2,388,594; Nov. 6.
Machine tool. E. P. Bullard, III, Le R. E. Alvey, E. N. Cowell, P. H. Lange, and F. H. Mussler. 2,384,809; Sept. 18.
Machine tool. E. P. Bullard, III, G. R. Appelberg, and E. H. Johnson. 2,385,605; Sept. 25.
Machine tool. A. C. Carlson. 2,375,074; May 1.
Machine tool. J. J. Dostal. 2,372,818; Apr. 3.
Machine tool. W. S. Dwyer. 2,369,546; Feb. 13.
Machine tool. K. F. Gallimore and G. H. Schurger. 2,375,408; May 8.
Machine tool. M. G. Goetze. 2,380,747; July 31.
Machine tool. J. Jesionowski. 2,370,041; Feb. 20.
Machine tool. R. A. Johnson. 2,388,265; Nov. 6.
Machine tool. S. Madsen. 2,376,929; May 29.
Machine tool. J. H. Mansfield. 2,367,414; Jan. 16.
Machine tool. G. K. McKee. 2,374,874; May 1.
Machine tool. G. K. McKee and G. E. Tcimpidis. 2,367,593; Jan. 16.
Machine tool. D. H. Montgomery and A. H. Jobert. 2,375,734; May 8.
Machine tool. J. O. Olsen. 2,374,774; May 1.
Machine tool. L. F. Polk. 2,385,644; Sept. 25.
Machine tool. I. J. Snader. 2,391,487; Dec. 25.
Machine tool. F. Turrettini. 2,376,100; May 15.
Machine tool. E. F. White. 2,373,155; Apr. 10.
Machine tool. C. A. Wiken and E. A. Reibig. 2,386,283; Oct. 9.
Machine tool attachment. L. A. Gardiner. 2,388,320; Nov. 6.
Machine tool control. E. L. Fickett, A. H. Leger, and R. P. Stocking. 2,367,492; Jan. 16.
Machine tool control. C. Johnson. 2,372,427–8; Mar. 27.
Machine tool control. C. Johnson. 2,387,075; Oct. 16.
Machine tool control apparatus. R. Rodal. 2,381,312; Aug. 7.
Machine tool controller. E. H. Nelson and C. Stansbury. 2,376,552; May 22.
Machine tool for manufacturing aircraft wings. W. F. Ploch and J. W. Mistele. 2,391,511; Dec. 25.
Machine tool guideway. J. M. Walter. 2,378,343; June 12.
Machine tool lubrication system. J. M. Walter. 2,383,357; Aug. 21.
Machine tool table stop. J. M. Walter. 2,372,141; Mar. 20.
Machine tool transmission and control mechanism. J. B. Armitage. 2,374,719; May 1.
Machine tool with optical system. C. A. Bergstrom, W. C. Bergstrom. O. C. Hedin, and E. W. Pennington. 2,372,470; Mar. 27.
Machinery base. S. Rosenzweig and S. Cherry. 2,378,106; June 12.
Machining and assembling apparatus. J. C. Widmont. 2,370,828; Mar. 6.
Machining steels. D. W. Murphy. 2,388,214–15; Oct. 30.
Magazine feed solid fuel heater. A. K. Walton and C. E. Chesser. 2,380,000; July 10.
Magazine, Film. J. Bolsey. 2,381,033; Aug. 7.
Magazine for automatic firearms. G. Ironside. 2,381,959; Aug. 14.
Magazine for automatic firearms. G. Ironside. 2,388,413; Nov. 6.
Magazine for automatic firearms. G. Webb. 2,382,926; Aug. 14.
Magazine for firearms. J. Vesely. 2,383,998; Sept. 4.
Magazine for firearms. J. Vesely. 2,391,756; Dec. 25.
Magazine for riveting machines. A. F. Koehler. 2,368,847; Feb. 6.
Magazine for safety razor blades. J. Muros. 2,371,406; Mar. 13.
Magazine for safety razors. N. Testi. 2,384,503; Sept. 11.
Magazine loading mechanism for cup dispensers, Multiple. J. W. Carlson. 2,371,150; Mar. 13.
Magazine, newspaper, or periodical display rack, and storage therefor, Full face. J. Bloom. 2,385,603; Sept. 25.
Magazine safety for automatic firearms. W. F. Roper. 2,372,519; Mar. 27.
Magazines of firearms, Unloading. R. L. Jenkinson. 2,391,423; Dec. 25.
Magnesia and calcium carbonate from dolomite, Production of. R. D. Pike. 2,373,911; Apr. 17.
Magnesia and calcium carbonate from dolomite, Production of. R. D. Pike. 2,373,913; Apr. 17.
Magnesia from dolomite, Making. A. M. Thomsen. 2,377,592; June 5.
Magnesia from dolomite, Production of. R. D. Pike. 2,373,912; Apr. 17.
Magnesia from dolomite, Separating. W. E. Wing. 2,386,027; Oct. 2.
Magnesian ores and minerals, Treating. G. C. Holmes. 2,381,053; Aug. 7.
Magnesite, Flotation of. J. W. Lefforge. 2,373,123; Apr. 10.
Magnesium. H. Ford, E. E. Ensign, and A. C. Quinn. 2,382,047; Aug. 14.
Magnesium alloy. R. S. Dean and C. T. Anderson. 2,376,868; May 29.
Magnesium-alloy sheet, Bonding. P. W. Bakarian. 2,366,168; Jan. 2.
Magnesium and its alloys from fire, Protecting. J. B. Reid. 2,391,844; Dec. 25.
Magnesium and magnesium alloys, Coating. F. A. Allen and J. Morgan. 2,373,937; Apr. 17.
Magnesium and magnesium base alloys against corrosion, Protection of. C. J. Bushrod. 2,387,494; Oct. 23.
Magnesium base alloy. R. S. Busk. 2,385,685–6; Sept. 25.
Magnesium base alloy. J. D. Hanawalt. 2,380,838; July 31.
Magnesium base alloy. J. C. McDonald. 2,371,531; Mar. 13.
Magnesium base alloy. C. Moss. 2,370,320; Feb. 27.
Magnesium base alloy. P. T. Stroup and G. F. Sager. 2,380,200; July 10.
Magnesium-base alloy sheets, Rolling composite. H. A. Diehl and J. C. McDonald. 2,366,185; Jan. 2.
Magnesium by ferrosilicon reduction, Production of metallic. L. V. Whiton and H. M. Weld. 2,370,898; Mar. 6.
Magnesium chloride, Purification of. R. Lepsoe and B. G. Hunt. 2,375,009; May 1.
Magnesium compounds, Recovering. T. C. Atchison. 2,373,528; Apr. 10.
Magnesium containing beryllium, Producing. C. B. Willmore and F. D. Chew. 2,383,281; Aug. 21.
Magnesium distillation furnace. H. A. Doerner. 2,379,888; July 10.
Magnesium from magnesium silicates, Manufacturing metallic. F. J. Hansgirg. 2,372,571; Mar. 27.
Magnesium from scrap, Reclaiming. Y. E. Lebedeff. 2,383,659; Aug. 28.
Magnesium from suspensions in nonconducting liquids, Recovery of. H. F. Fisher. 2,376,535; May 22.
Magnesium from vapor mixtures, Recovery of. D. S. Chisholm. 2,381,403; Aug. 7.
Magnesium from vapor mixtures, Recovery of. R. C. Kirk, C. E. Nelson, and T. H. McConica, III. 2,391,713; Dec. 25.
Magnesium, Manufacturing. F. J. Hansgirg. 2,382,713; Aug. 14.
Magnesium, Manufacturing metallic. F. J. Hansgirg. 2,390,531; Dec. 11.
Magnesium melting furnace. H. M. Griffoul. 2,389,307; Nov. 20.
Magnesium oxide, Reducing. H. S. Cooper. 2,387,979; Oct. 30.
Magnesium, Producing. T. H. McConica, III. 2,391,727; Dec. 25.

Magnesium, Production of. R. C. Kirk. 2,380,449; July 31.
Magnesium, Production of. J. C. Rademaker. 2,391,193; Dec. 18.
Magnesium, Production of metallic. J. D. Hanawalt and T. M. Hess. 2,384,835; Sept. 18.
Magnesium products, Manufacture of. G. H. Gloss. 2,390,095; Dec. 4.
Magnesium, Purification of. P. T. Stroup and G. F. Sager. 2,373,515–16; Apr. 10.
Magnesium, Recovery of. T. Griswold, Jr. 2,381,405; Aug. 7.
Magnesium retort. E. E. Ensign and F. G. Shaub. 2,390,698; Dec. 11.
Magnesium salts from sea water. J. J. Grebe and W. C. Bauman. 2,387,898; Oct. 30.
Magnesium silicate suspensions and making same. R. Roseman and H. Eisenberg. 2,384,564; Sept. 11.
Magnesium silicates and making same. R. Roseman and H. Eisenberg. 2,384,563; Sept. 11.
Magnesium sulphate from certain minerals, Manufacturing iron-free. C. A. Butt and A. O. Hallman. 2,375,749; May 15.
Magnesium welding rod. L. J. Weber and G. F. Sager. 2,375,601; May 8.
Magnet, Adjustable. J. J. Kehoe. 2,369,300; Feb. 13.
Magnet, Lifting. A. E. Lilliquist and O. Proudfoot. 2,366,919; Jan. 9.
Magnet, Permanent. N. Urquhart. 2,380,560; July 31.
Magnetic attachment for articles of every day use. E. Jacobson. 2,385,859; Oct. 2.
Magnetic clutch and motor, Geared. E. G. Miller and R. E. Engberg. 2,370,872; Mar. 6.
Magnetic contact. A. H. Lamb. 2,380,851; July 31.
Magnetic device. W. A. Chambers. 2,378,129; June 12.
Magnetic device. S. Karasick. 2,376,150; May 15.
Magnetic escapement. R. Straumann. 2,376,461; May 22.
Magnetic escapment for timepieces. R. Straumann. 2,373,429; Apr. 10.
Magnetic field gradient meter. A. W. Hull. 2,379,716; July 3.
Magnetic field responsive device. L. F. Beach and J. C. Purves. 2,374,166; Apr. 24.
Magnetic field responsive device. J. C. Purves and L. F. Beach. 2,383,460; Aug. 28.
Magnetic frequency converter. H. L. Donley. 2,370,720; Mar. 6.
Magnetic hand tool. R. Ullman and F. Brauner. 2,390,339; Dec. 4.
Magnetic instrument. V. W. Breitenstein. 2,384,529; Sept. 11.
Magnetic lens. J. Hillier. 2,370,627; Mar. 6.
Magnetic lifting device. J. W. Seamans. 2,379,596; July 3.
Magnetic lock. W. F. Stroud. 2,384,208; Sept. 4.
Magnetic material. A. F. Bandur, J. F. Dillinger, and A. N. Ogden. 2,388,664; Nov. 13.
Magnetic material, Bonded laminated. J. G. Ford. 2,372,074; Mar. 20.
Magnetic materials. E. A. Nesbitt. 2,382,649–54; Aug. 14.
Magnetic multivibrator. M. Chodorow. 2,391,546; Dec. 25.
Magnetic pick-off for sensitive instruments. R. K. Bonell. 2,373,096; Apr. 10.
Magnetic pickup device. J. C. Adams. 2,381,097; Aug. 7.
Magnetic polarity changing circuit. W. C. Hall, Jr. 2,387,016; Oct. 16.
Magnetic separator. R. H. Stearns and C. F. Broetzmann. 2,380,342; July 10.
Magnetic shielding for transformers and the like. W. G. Howe. 2,388,848; Nov. 13.
Magnetic signal. E. S. McLarn and F. A. Leibe. 2,387,299; Jan. 16.
Magnetic system. J. L. Snoek and L. Alons. 2,380,616; July 31.
Magnetic templet-following machine. R. R. Lobosco. 2,378,021; June 12.
Magnetic track brake control apparatus. P. L. Crittenden. 2,388,237; Nov. 6.
Magnetic transmission. H. T. Faus. 2,371,511; Mar. 13.
Magnetically biased telephone ringer. L. W. Carroll. 2,380,293; July 10.
Magnetite concentrates by flotation, Beneficiation of. F. D. De Vaney. 2,388,471; Nov. 6.
Magneto. H. G. Cox and F. S. Slick. 2,378,192; June 12.
Magneto. J. R. Frei. 2,377,620; June 5.
Magneto. W. Ochsenbein. 2,385,226; Sept. 18.
Magneto, High-tension spark ignition. P. Tatlow and I. J. Hulbert. 2,390,338; Dec. 4.
Magneto ignition device with interrupter for internal-combustion engines. W. Ochsenbein. 2,382,808; Aug. 14.
Magnetos for internal-combustion engines, Ignition. J. A. Baines. 2,385,678; Sept. 25.
Magnetostriction transducer. F. P. Bundy. 2,391,678; Dec. 25.
Magnifying device. R. F. E. Stegeman. 2,389,282; Nov. 20.
Magnifying glass holder. A. H. C. Bishop. 2,384,233; Sept. 4.
Mail box. C. E. Jones. 2,390,715; Dec. 11.
Mailbox. H. Logsdon. 2,382,645; Aug. 14.
Mailbox. A. Onos. 2,382,092; Aug. 14.
Mail box. G. J. Overmyer. 2,370,682; Mar. 6.
Mailbox. R. U. Staley. 2,367,696; Jan. 23.
Mail treating machine. C. D. Ryan and E. P. Drake. 2,377,522; June 5.
Mail treating machine. C. D. Ryan and F. P. Sager. 2,377,523; June 5.
Mail treating machine. F. P. Sager, E. R. Bergmark, C. D. Ryan, and H. L. Atherton. 2,371,013; Mar. 6.
Making metal parts for ring binders. J. Schade. 2,368,730; Feb. 6.
Making sound reproducing units. G. E. Gustafson. 2,371,820; Mar. 20.
Malleable iron. A. L. Boegehold. 2,370,225; Feb. 27.
Mallet, Dental. D. Reiser. 2,376,187; May 15.
Mallet, Serving. E. Gaulke. 2,371,686; Mar. 20.
Malononitrile, Manufacture of. A. R. Surrey. 2,389,217; Nov. 20.
Manacle. W. M. Powell. 2,383,077; Aug. 21.
Mandrel. F. G. Tritt. 2,384,056; Sept. 4.
Mandrel extrusion rivet. C. R. Buchet. 2,371,423; Mar. 13.
Mandrel for bending pipes, Chain. F. G. Sutton. 2,380,344; July 10.
Mandrel, Permanent wave. A. A. Calabro. 2,381,107; Aug. 7.
Manganese oxide compositions, Manufacture of. P. R. Pline. 2,370,415; Feb. 27.
Manganese steel, Treatment of. C. W. Weesner and W. B. Leffingwell. 2,368,955; Feb. 6.
Manhole cover lock. J. J. Morris and W. C. Stohldreier. 2,388,561; Nov. 6.
Manifold arrangement, Intake. W. G. Lundquist and E. H. Olson. 2,382,244; Aug. 14.
Manifold assembly. J. H. Thornberry. 2,379,116; June 26.
Manifold, Exhaust. P. E. Mercier. 2,377,708; June 5.
Manifold for internal-combustion engines, Exhaust manifold for. P. E. Mercier. 2,388,924; Nov. 13.
Manifold for internal-combustion engines, Vaporizing. R. W. Warrick. 2,378,344; June 12.
Manifold, Intake. N. H. Janes. 2,384,681; Sept. 11.
Manifold pressure control for aircraft, Settable. C. W. Morris. 2,373,139; Apr. 10.
Manifold, Radio shielding. S. Tierney, Jr. 2,379,322; June 26.
Manifolding apparatus and method. A. W. Metzner. 2,366,745; Jan. 9.
Manifolding apparatus for typewriting machines. C. W. Brumhill. 2,386,430; Oct. 9.
Manifolding assembly. A. E. Vickery. 2,372,918; Apr. 3.
Manifolding pack. A. W. Metzner. 2,366,744; Jan. 9.
Manifolds, Exhaust. C. R. Elss and F. I. Steele. 2,375,001; May 1.
Manifolds, Making. R. Long. 2,391,468; Dec. 25.
Manometer. A. A. Hejduk. 2,389,508; Nov. 20.
Mantle, Radiant. W. G. Cartter and F. E. Wood. 2,368,802; Feb. 6.
Manual control apparatus. W. E. Edelman. 2,370,025; Feb. 20.
Manual reset valve. E. Paille. 2,371,351; Mar. 13.
Manual tilt table. E. H. Faust and O. C. Hollstein. 2,379,071; June 26.
Manufacture, Method of. J. T. Marvin. 2,390,160; Dec. 4.
Manufacture of articles from liquid dispersions. E. E. Habib and G. E. Gott. 2,378,882; June 19.
Manufacture of chocolate confections. R. W. Crosley and H. W. Conner. 2,384,077; Sept. 4.
Manufacture of cuprous oxide. W. J. Harshaw and C. J. Harbert. 2,385,078; Sept. 18.
Manufacture of gasoline. N. B. Haskell. 2,388,322; Nov. 6.
Manufacture of insoles. S. M. Griswold. 2,381,950–1; Aug. 14.
Manufacture of mineral wool. M. E. Callander. 2,382,290; Aug. 14.
Manufacture of nitriles. J. F. Olin. 2,388,218; Oct. 30.
Manufacture of pieces which are shaped by grinding. F. B. Halford, J. L. P. Brodie, and R. Miller. 2,373,827; Apr. 17.
Manufacture of pigments. L. W. Ryan and H. L. Sanders. 2,388,659; Nov. 6.
Manufacture of polyamide structures. W. W. Watkins. 2,379,557; July 3.
Manufacture of shovels or the like. R. Harte. 2,380,361; July 10.
Manufacture of stiffened fibrous materials. P. Frankfurther. 2,373,954; Apr. 17.
Manufactured products, Identifying. E. Robinson and R. D. Evans. 2,378,328; June 12.
Manufacturing pottery ware, Method of and apparatus for. W. J. Miller. 2,387,927; Oct. 30.
Map and information device, Changeable road. J. M. Higgins. 2,374,935; May 1.
Map base, Relief. T. W. Dominick. 2,386,199; Oct. 9.
Map, Educational. W. H. Olsen. 2,373,258; Apr. 10.
Map, Globe. A. C. Clark. 2,369,103; Feb. 6.
Map reel and sun visor, Combined road. W. E. Conway. 2,377,614; June 5.
Maps, Making flexible contour. A. G. Emery. 2,382,784; Aug. 14.
Marine drive. W. P. Schmitter. 2,368,885; Feb. 6.

Marine drive. W. C. Wosenitz. 2,371,013; Mar. 6.
Marine drive unit. W. H. Van Gorden. 2,370,212; Feb. 27.
Marine power unit. A. G. Forsyth. 2,389,663; Nov. 27.
Marine propulsion. N. G. Baker. 2,369,996; Feb. 20.
Marine propulsion. C. D. Van Patten. 2,391,109; Dec. 18.
Marked steel bar and marking. C. V. Schuyler. 2,383,165; Aug. 21.
Marker, Cattle. W. F. Schacht. 2,383,419; Aug. 21.
Marker for planters. G. M. Kriegbaum. 2,371,827; Mar. 20.
Marker for use by football officials, Foul. L. L. D. Nicolello. 2,385,878; Oct. 2.
Marker, Road. M. Schwartz. 2,368,330; Jan. 30.
Marker, Sheet pile. B. L. Kleinschmidt. 2,382,998; Aug. 21.
Marking and signaling means for blackout purposes and the like. W. Trautner. 2,371,080; Mar. 6.
Marking circular knit fabric for boarding, Method and machine for. H. N. Sheppard. 2,388,648; Nov. 6.
Marking device. H. K. Ferger. 2,369,224; Feb. 13.
Marking device. S. A. Hamnett. 2,383,646; Aug. 28.
Marking device, Trousers. F. W. Trumbull. 2,381,191; Aug. 7.
Marking for road surfaces, Traffic. F. Nicholson. 2,371,462; Mar. 13.
Marking granular, lumpy, and dusty commodities. R. E. Miskelly. 2,367,040; Jan. 9.
Marking machine. R. E. J. Nordquist and H. F. Cox, Jr. 2,369,172; Feb. 13.
Marking machine and method, Cone. C. K. Dunlap and L. B. Stogner. 2,387,248; Oct. 23.
Marking machine, Can end. R. E. J. Nordquist. 2,370,184; Feb. 27.
Marking machine, Laundry. W. J. Keuper. 2,384,035; Sept. 4.
Marking mechanism, Bobbin. H. Lambert. 2,389,859; Nov. 27.
Mash, Distillation of fermenter. B. C. Boeckeler, E. I. Lummus, and A. Nansen. 2,376,898; May 29.
Masher for potatoes. L. A. Bottinelli. 2,385,966; Oct. 2.
Mask, Breathing. S. A. Morehouse. 2,379,493; July 3.
Mask, Colored photographic. R. M. Evans. 2,376,132; May 15.
Mask for parachute escape devices, Breathing. J. A. Heidbrink. 2,383,649; Aug. 28.
Mask, Gas. L. Y. Booharin. 2,381,568; Aug. 7.
Mask, Gas. M. C. Teague. 2,375,147; May 1.
Mask, Photographic printing. C. C. Maddy. 2,381,831; Aug. 7.
Mask, Photographic tone correction. P. K. Glasoe. 2,378,213; June 12.
Mask, Photoprinting. S. E. Pochatko. 2,376,183; May 15.
Mask, Respirator. R. Fink. 2,376,871; May 29.
Mask, Respiratory. B. F. Williams. 2,389,102; Nov. 13.
Mask structure. J. E. Duggan. 2,388,835; Nov. 13.
Mask, Welder's. T. H. Grindrod and A. E. Church. 2,391,565; Dec. 25.
Masking device. H. Greenberg and H. W. Brady. 2,369,671; Feb. 20.
Masonry crevice forming template. C. M. Woodward. 2,386,582; Oct. 9.
Mason's implement. N. C. and C. A. Darling. 2,381,263; Aug. 7.
Mass spectrometry. R. V. Langmuir. 2,370,673; Mar. 6.
Massage apparatus. M. Andis. 2,384,427; Sept. 11.
Massage device. L. H. Snyder. 2,378,335; June 12.
Massager, Gum. M. P. Strome and J. Lieberman. 2,373,430; Apr. 10.
Masses and fibers manufactured from protein-like substances, Improvement of the properties of artificial. W. F. Tschudin. 2,368,690; Feb. 6.
Mast and boom hoist, Power. B. M. Crawford. 2,369,816; Feb. 20.
Mastic composition. F. J. Soday. 2,390,189; Dec. 4.
Mat. O. F. Arthur. 2,371,017; Mar. 6.
Mat, Link. D. W. Moore, Jr. 2,388,927; Nov. 13.
Match book. R. Guyer. 2,373,025; Apr. 3.
Match book. R. Guyer. 2,375,647; May 8.
Match book cover. L. R. de Lauder. 2,369,884; Feb. 20.
Match compositions. A. H. Sanford. 2,389,552; Nov. 20.
Match package. J. E. Altamos. 2,372,167; Mar. 27.
Material and producing the same, Decorative. H. Hudgins. 2,390,712; Dec. 11.
Material applying apparatus. M. L. Svikhart. 2,376,832; May 22.
Material coating apparatus. H. E. Thornton. 2,378,599; June 19.
Material collecting electrode. C. W. J. Hedberg and R. B. Hesson. 2,369,967; Feb. 20.
Material cooler. J. B. Gaffney. 2,371,513; Mar. 13.
Material digging and handling apparatus. S. Grubich. 2,389,044; Nov. 13.
Material, Drying. J. E. Steiner. 2,383,694; Aug. 28.
Material, Examination. M. D. Parmenter. 2,373,498; Apr. 10.
Material extruding apparatus. L. S. Deitz, Jr. 2,371,679; Mar. 20.
Material feeding apparatus. J. F. Barton. 2,370,709; Mar. 6.
Material feeding apparatus. W. R. Schmitz, Jr. 2,383,085; Aug. 21.
Material feeding mechanism, Light sensitive. S. W. Langdon. 2,388,423; Nov. 6.
Material for the production of partial color selection pictures from subtractive multicolor images. B. Gaspar. 2,387,754; Oct. 30.
Material forming apparatus. J. T. Muller. 2,382,897; Aug. 14.
Material from one machine to another, Conveying. V. D. Popov. 2,378,579; June 19.
Material from roaster gases, Recovery of. C. W. J. Hedberg and H. L. Richardson. 2,382,565; Aug. 14.
Material gathering and loading machine. C. E. Andershock. 2,390,410; Dec. 4.
Material gathering and loading machine. F. Cartlidge. 2,388,385; Nov. 6.
Material handling apparatus. D. C. Gray. 2,370,856; Mar. 6.
Material handling apparatus. W. C. Ewaldson. 2,386,547; Oct. 9.
Material handling apparatus. R. F. Hlavaty. 2,387,150; Oct. 16.
Material handling apparatus. H. L. Husson and R. R. Pollard. 2,384,307; Sept. 4.
Material handling apparatus. H. H. Merwin. 2,378,568; June 19.
Material handling apparatus. B. M. Smith. 2,372,025; Mar. 20.
Material handling apparatus. J. H. Strunk. 2,377,112; May 29.
Material handling device. F. Cartlidge. 2,368,114; Jan. 30.
Material handling device. R. A. Fontaine. 2,370,528; Feb. 27.
Material, Roofing or surfacing. S. L. Eason. 2,390,697; Dec. 11.
Material, Stiffened. D. E. Gillum and D. H. Van Riper. 2,371,754; Mar. 20.
Material working apparatus. J. C. Hroch, Jr. 2,387,074; Oct. 16.
Material working apparatus. A. E. Jarvis and W. J. Keller. 2,388,152; Oct. 30.
Material-working apparatus. C. W. Kelsey. 2,366,626; Jan. 2.
Material working apparatus. N. M. Olney. 2,374,376; Apr. 24.
Material working apparatus. R. J. Sherman. 2,368,786; Feb. 6.
Material working apparatus. C. T. Sokolowsky. 2,376,829; May 22.
Material working apparatus. E. J. Svenson. 2,372,692; Apr. 3.
Materials and their manufacture, Waterproofed lightweight. H. R. Goodrich and G. Sucetti. 2,377,491; June 5.
Materials, Finishing and dressing agents for fibrous. G. P. Mack. 2,370,057; Feb. 20.
Materials impermeable to ultra-violet light. W. Horback. 2,386,855; Oct. 16.
Materials impermeable to ultra-violet radiations. D. H. Jacobs. 2,370,244; Feb. 27.
Materials, Method and apparatus for making felted. G. T. Pearce. 2,373,500; Apr. 10.
Materials, Processing of. E. L. Wiegand. 2,387,548; Oct. 23.
Materials testing apparatus. B. J. Lazan. 2,366,342; Jan. 2.
Mathematical apparatus. W. L. Maxson, P. J. McLaren, and W. T. Green. 2,373,771; Apr. 17.
Matrix tread vulcanizing mold, Interchangeable. E. A. Glynn. 2,375,784; May 15.
Mats, Manufacture and testing of fiber. H. W. Anway. 2,375,182; May 8.
Mats, Method and apparatus for the launching of revetment. G. van der Rest. 2,390,403; Dec. 4.
Matte surfaces upon glass, Providing. F. W. Adams. 2,381,479; Aug. 7.
Matter, Composition of. M. Orchin and L. W. Butz. 2,379,494; July 3.
Matter, Composition of. G. Provenzano. 2,378,102; June 12.
Mattress. A. Klazkin. 2,384,097; Sept. 4.
Mattress border stitching machine. D. N. Kelly. 2,382,486; Aug. 14.
Mattress construction. S. Marsack. 2,382,496; Aug. 14.
Mattress construction. M. Weisberg. 2,383,175; Aug. 21.
Mattress for treating human body ailments by heat therapy. W. F. Clark. 2,376,902; May 29.
Mattress or the like. E. L. Pabst. 2,373,047; Apr. 3.
Mattress, Pneumatic. F. G. Manson and J. J. Maskey. 2,372,218; Mar. 27.
Mattress wrapping machine. P. Spagnoli. 2,385,477; Sept. 25.
Maximum pressure gauge. K. J. De Juhasz. 2,382,547; Aug. 14.
Measurement of the rate of soil gas evolution. J. L. Patton. 2,366,351; Jan. 2.
Measurements for the production of garments, Taking. J. C. Cooke. 2,374,654; May 1.
Measuring and calibrating device, Weight. J. H. Edwards. 2,370,784; Mar. 6.
Measuring and control. W. P. Wills. 2,375,159; May 1.
Measuring and control apparatus. T. R. Harrison. 2,366,618; Jan. 2.

Measuring and control apparatus. H. S. Jones. 2,385,447; Sept. 25.
Measuring and control instrument. H. O. McGillin and J. F. Vollrath. 2,368,937; Feb. 6.
Measuring and controlling apparatus. H. S. Jones. 2,376,599; May 22.
Measuring and controlling apparatus. W. L. Shaffer. 2,388,789; Nov. 13.
Measuring and controlling apparatus. W. P. Wills. 2,376,527; May 22.
Measuring and controlling apparatus. W. P. Wills. 2,385,481; Sept. 25.
Measuring and cutting machine, Line. E. H. Brown. 2,386,928; Oct. 16.
Measuring and discharging device. J. D. Lyall. 2,385,092; Sept. 18.
Measuring and indicating apparatus for machine tools. R. M. Woytych and E. J. Kaiser. 2,376,303; May 15.
Measuring and marking cord lengths. C. W. Skinner. 2,388,875; Nov. 13.
Measuring and marking machine, Tape. D. Adams. 2,387,867; Oct. 30.
Measuring and recording apparatus, Speed. A. M. Crawford. 2,379,686; July 3.
Measuring apparatus. G. Asset, F. J. Curran, and W. P. Wills. 2,368,093; Jan. 30.
Measuring apparatus. H. E. Dickerman. 2,371,742; Mar. 20.
Measuring apparatus. H. S. Jones. 2,367,868; Jan. 23.
Measuring apparatus. H. S. Jones. 2,376,598; May 22.
Measuring apparatus. S. T. Lester. 2,371,302; Mar. 13.
Measuring apparatus. W. P. Wills. 2,367,914; Jan. 23.
Measuring apparatus. W. P. Wills. 2,375,158; May 1.
Measuring apparatus, Hardness. R. Woxén. 2,385,958; Oct. 2.
Measuring apparatus, Liquid level. S. C. Coroniti and W. A. Schmidt. 2,375,084; May 1.
Measuring apparatus, Precision. I. G. Maloff. 2,387,852; Oct. 30.
Measuring center spacing, Method of and apparatus for. G. E. Sorensen. 2,388,582; Nov. 6.
Measuring device. T. Bailey. 2,385,677; Sept. 25.
Measuring device. C. A. Bailey. 2,386,181; Oct. 9.
Measuring device. H. J. Balmer. 2,384,150; Sept. 4.
Measuring device. L. D. Christie. 2,390,691; Dec. 11.
Measuring device. W. Homan and R. S. Hull. 2,383,550; Aug. 28.
Measuring device. M. Monies. 2,378,003; June 12.
Measuring device. B. H. Smith. 2,367,968; Jan. 23.
Measuring device. J. P. Steibel and S. Martinson. 2,391,075; Dec. 18.
Measuring device, Azimuth and altitude. F. H. Hagner. 2,389,852; Nov. 27.
Measuring device, Drink. W. Von Stoeser and F. H. Osborne. 2,380,884; July 31.
Measuring device, Flow. N. Brewer. 2,388,672; Nov. 13.
Measuring device, Liquid. E. Hodson and R. R. Sputter. 2,376,772; May 22.
Measuring device, Oil well bailer line. J. G. Bouslog. 2,383,844; Aug. 28.
Measuring device, Pressure. R. H. Cuyler and R. L. Goeth. 2,384,159; Sept. 4.
Measuring device, Thickness. J. W. Russell. 2,383,742; Aug. 28.
Measuring device, Torque. C. A. Shank. 2,386,008; Oct. 2.
Measuring dispenser. C. L. Ludwig. 2,366,343; Jan. 2.
Measuring element, Compensated. D. O. Bean. 2,379,874; July 10.
Measuring implement. E. A. Thorsberg. 2,367,743; Jan. 23.
Measuring instrument. A. F. Allwein. 2,377,474; June 5.
Measuring instrument. G. W. Barnes, Jr. 2,368,912; Feb. 6.
Measuring instrument. L. Gess and E. C. Burdick. 2,386,108; Oct. 2.
Measuring instrument. E. V. Statia, Sr. 2,376,458; May 22.
Measuring instrument. J. B. Wilkie. 2,381,414; Aug. 7.
Measuring instrument, Condition responsive. K. H. Hubbard, H. L. Mason, and J. L. Leach. 2,375,300; May 8.
Measuring instrument, D'Arsonval-type electrical. M. J. Johnson. 2,371,299; Mar. 13.
Measuring instrument, Deflecting. G. H. Kaemmerling. 2,386,472; Oct. 9.
Measuring instrument, Force. L. J. B. La Coste and A. Romberg. 2,377,889; June 12.
Measuring instruments, Electrical. A. G. Conrad. 2,382,295; Aug. 14.
Measuring machine, Area. S. E. Woodbury. 2,387,379; Oct. 23.
Measuring magnetic fields. G. Barth. 2,390,051; Dec. 4.
Measuring mechanism, Force transmitting. P. A. Sturtevant. 2,385,591; Sept. 25.
Measuring of cross talk, Automatic. E. P. Felch, Jr. Re. 22,620; Mar. 20.
Measuring or indicating system, Electrical. S. J. Smith. 2,377,275; May 29.
Measuring surface brightness. L. H. Dawson. 2,372,661; Apr. 3.
Measuring system. G. Keinath. Re. 22,637; Apr. 24.
Measuring system, Strain. B. F. Langer. 2,385,005; Sept. 18.
Measuring the time interval for moving bodies to traverse predetermined distances, System for. T. A. Cohen. 2,388,387; Nov. 6.
Measuring wind velocity. L. Hillman. 2,377,884; June 12.
Meat holder. C. La Hatte. 2,388,162; Oct. 30.
Meat or the like, Encasing. J. A. Baker. 2,368,398; Jan. 30.
Mechanical action. F. W. Anders. 2,389,709; Nov. 27.
Mechanical adjustment of elements mounted inside vacuum tubes. C. H. Foulkes. 2,368,821; Feb. 6.
Mechanical breakdown. W. H. Beane. 2,372,647; Apr. 3.
Mechanical cigarette holder. C. Deitch. 2,370,016; Feb. 20.
Mechanical closing device for injection molding machines. H. Gastrow. 2,370,622; Mar. 6.
Mechanical computing device. C. A. Posson. 2,378,863; June 19.
Mechanical device. L. N. Barnum, C. A. Donnelly, and R. L. Maple. 2,386,834; Oct. 16.
Mechanical-electrical sound reproducer. G. Courcy and M. P. Durand. 2,368,003; Jan. 23.
Mechanical motion. R. Pash. 2,378,033; June 12.
Mechanical movement. A. R. Clark. 2,381,112; Aug. 7.
Mechanical movement. C. H. Duffy. 2,373,107; Apr. 10.
Mechanical movement. J. J. Moynihan. 2,389,451; Nov. 20.
Mechanical movement. W. Nowka. 2,379,454; July 3.
Mechanical movement and swaging machine. F. J. Rode. 2,384,641; Sept. 11.
Mechanical pencil eraser mounting. H. S. Hasselquist. 2,369,047; Feb. 6.
Mechanical shaver. H. G. Wyse. 2,369,198; Feb. 13.
Mechanical stoker for kilns and their mountings. F. M. Miller, A. C. Shape, and W. H. McClelland. 2,384,762; Sept. 11.
Mechanical time fuse. W. L. McGrath and M. P. Whitney. 2,369,310; Feb. 13.
Mechanism and control for controllable aircraft propellers. H. M. McCoy. 2,378,938; June 26.
Mechanism and control for controllable aircraft propellers. H. M. McCoy. 2,388,276; Nov. 6.
Mechanism for accelerating the wheels of the landing gear of an airplane. E. H. Duke and J. L. Wait, Jr. 2,386,301; Oct. 9.
Mechanism for adjusting the stroke of a reciprocating or oscillating member, such as a die plunger in an extrusion or molding press. A. Russell, M. Parker, and R. A. Harris. 2,375,693; May 8.
Mechanism for automatic guns, Firing. J. Vesely. 2,391,757; Dec. 25.
Mechanism for capturing freed lint and other particles. B. Lev. 2,370,865; Mar. 6.
Mechanism for closing the open tubular end of the wrapper of a package. C. Arelt. 2,378,457; June 19.
Mechanism for control of breech bolt return and release of hammer for semiautomatic firearms. N. L. Brewer. Re. 22,585; Jan. 2.
Mechanism for controlling total and sub-total taking operations for typewriting calculating machines. H. E. Kämmel. 2,386,598; July 31.
Mechanism for cooling freshly coated containers. C. Z. Monroe. 2,381,360; Aug. 7.
Mechanism for dispensing stacked articles. L. H. Kiesling. 2,373,029; Apr. 3.
Mechanism for dual brakes, Adjusting. C. J. Whitacre. 2,366,946; Jan. 9.
Mechanism for feeding articles to machines. J. A. Kay. 2,369,575; Feb. 13.
Mechanism for feeding wrappers from a stack. A. Russell, M. Parker, and R. A. Harris. 2,374,838; May 1.
Mechanism for firearms, Firing. D. M. Williams. 2,366,823; Jan. 9.
Mechanism for firearms, Hammer. T. F. Horan. 2,391,237; Dec. 18.
Mechanism for forming sliders. B. P. Lawson. 2,366,269; Jan. 2.
Mechanism for forming tubular rivets. E. F. Hesselman. 2,386,550; Oct. 9.
Mechanism for grid panels, Transfer. C. L. Feldtkeller. 2,380,957; Aug. 7.
Mechanism for grid panels, Transfer. C. L. Feldtkeller. 2,381,153; Aug. 7.
Mechanism for heat sealing package seam joints. H. O. Irmscher. 2,376,360; May 22.
Mechanism for hydraulic pumps, Control. W. Ernst. 2,390,360; Dec. 4.
Mechanism for introducing water into concrete mixers. C. F. Ball. 2,368,402; Jan. 30.
Mechanism for machine guns, Solenoid initialing. L. V. E. Quinnell and J. C. Koonz. 2,380,611; July 31.
Mechanism for machine tools, Safety stop. C. E. Riet. 2,385,103; Sept. 18.
Mechanism for magnetos, Grounding. H. L. Hartzell. 2,391,854; Dec. 25.
Mechanism for making neckties. M. M. Newman. 2,374,033; Apr. 17.
Mechanism for opening and ejecting the contents of boxes. C. T. Hall. 2,368,020; Jan. 23.
Mechanism for producing mechanical movement. C. Ambruster. 2,378,676; June 19.
Mechanism for protecting thread shearing revolvers. W. L. Lafond. 2,374,821; May 1.

Mechanism for registers, Actuating. H. T. Avery. 2,387,870; Oct. 30.
Mechanism for relieving the teeth of circular cutting elements. R. W. Andreasson. 2,389,401; Nov. 20.
Mechanism for supporting and automatically adjusting arc furnace electrodes. W. H. Payne. 2,389,164; Nov. 20.
Mechanism for switching devices, Gang-operating. C. R. Craig. 2,391,681; Dec. 25.
Mechanism for testing machines, Grip. F. A. Melzer. 2,391,435; Dec. 25.
Mechanism for the interconversion of reciprocation and rotation. A. Feroy. 2,384,290; Sept. 4.
Mechanism for the production of electric arc etching electrodes. T. Miller. 2,377,843; June 5.
Mechanism for transmitting linear or rotary movement. N. E. Hewitt. 2,384,742; Sept. 11.
Mechanism for transmitting motion. C. Duchaussoy. 2,376,673; May 22.
Mechanism for treating wire rope. H. J. Mische. 2,391,793; Dec. 25.
Mechanism for typesetting machines. J. Urban. 2,372,990; Apr. 3.
Mechanism for winches and the like, Safety lowering and control. C. C. Martin. 2,390,801; Dec. 11.
Mechanism to obtain and control motion transverse to axis of rotation. A. M. Arney. 2,367,555; Jan. 16.
Media separation process, Heavy. D. B. Grove. 2,387,580; Oct. 23.
Median device. E. F. Flint. 2,390,361; Dec. 4.
Medicinal preparation. R. H. Blythe. 2,369,711; Feb. 20.
Medicinal preparation. M. J. Lobel. 2,381,830; Aug. 7.
Medicine dropper. L. E. Bowers. 2,382,771; Aug. 14.
Melamine, Preparing. D. W. Jayne, Jr., and H. M. Day. 2,377,499; June 5.
Melamine process. A. C. Wintringham. 2,373,869; Apr. 17.
Melamine, Production of. W. F. Caldwell, R. C. Swain, and J. H. Paden. 2,375,731; May 8.
Melting apparatus. W. Rodenacker. 2,371,916; Mar. 20.
Memo base for pen-ink units. B. M. Morris. 2,379,588; July 3.
Menthane, Dehydrogenation of. J. K. Dixon. 2,376,309; May 15.
Mercaptans from hydrocarbon oil, Removing. G. W. Ayers and L. M. Henderson. 2,381,859; Aug. 14.
Merchandise display and advertising device, Combined. K. B. Shaffer. 2,375,043; May 1.
Merchandise display stand. J. L. Wright. 2,368,909; Feb. 6.
Merchandise storage and dispensing rack. E. F. Knowles and C. M. De Witt. 2,372,500; Mar. 27.
Mercuri-acetylide compounds and preparing same. M. H. Daskais. 2,369,339; Feb. 13.
Mercuric nitrate, Preparation of organic. H. H. Young. 2,366,683; Jan. 2.
Mercury arc device. L. M. Wittlinger and W. S. Brian. 2,385,561; Sept. 25.
Mercury feeding apparatus. C. E. Owings. 2,374,304; Apr. 24.
Mercury relay. U. C. Hedin. 2,367,498; Jan. 16.
Mercury tube switch. H. L. Lambert. 2,366,631; Jan. 2.
Merry-go-round on water. K. H. Piesch. 2,389,456; Nov. 20.
Message conveyer, Day and night. A. D. Dircksen. 2,370,150; Feb. 27.
Metal areas of limited size, Surface hardening. P. A. Abe, H. H. Brown and M. A. Crosby. 2,378,890; June 26.
Metal article and making same, Flanged. A. J. Schubert and H. S. Adelhanof. 2,384,402; Sept. 4.
Metal articles and making, Sintered. F. R. Hensel and E. I. Larsen. 2,372,203; Mar. 27.
Metal articles, Making thin-walled sintered. E. W. Engle. 2,368,458; Jan. 30.
Metal articles, Producing protected. J. M. Schoonmaker, Jr., and F. Stockton. 2,381, 778; Aug. 7.
Metal attenuation. M. E. Evans. 2,374,594; Apr. 24.
Metal azides, Preparation of alkali. M. F. Acken and W. F. Filbert. 2,373,800; Apr. 17.
Metal bars, Rolling. G. L. Fisk. 2,369,730; Feb. 20.
Metal baths, and improved agent therefor, Degasifying and decarburizing molten. H. S. Cooper. 2,369,213; Feb. 13.
Metal bed spring. H. Gertler. 2,390,580; Dec. 11.
Metal bodies, Method and apparatus for casting. R. K. Hopkins. 2,380,109; July 10.
Metal bodies, Method and apparatus for producing. R. K. Hopkins. 2,385,206; Sept. 18.
Metal bodies, Method of and apparatus for heat-treating. R. O. Day and B. L. Gordon. 2,387,835; Oct. 30.
Metal body and making same, Powdered. J. Kuzmick. 2,389,061; Nov. 13.
Metal boring or cutting tool. J. Nunes-Vaz. 2,378,094; June 12.
Metal boring tool. M. A. Clark. 2,381,806; Aug. 7.
Metal bottom bag. H. P. Campbell. 2,377,311; June 5.
Metal carrying case. H. M. Piker. 2,374,037; Apr. 17.
Metal, Casting. R. K. Hopkins. 2,368,974; Nov. 13.
Metal compositions of low apparent density, Producing. J. A. V. Turck, Jr. 2,375,506; May 8.
Metal cleaning composition and process. A. D. Johnson. 2,383,800; Aug. 28.
Metal coatings, Method and apparatus for depositing vaporized. C. E. McManus and J. D. Elder. 2,382,432; Aug. 14.
Metal, Cold-drawing. H. A. Montgomery. 2,366,208; Jan. 2.
Metal container. C. E. McManus and W. I. Gladfelter. 2,367,300; Jan. 16.
Metal containers, Filling and sealing. V. R. Pawelsky and F. F. Heiser. 2,372,290; Mar. 27.
Metal coupling member, Composite. W. H. Barlow. 2,368,799; Feb. 6.
Metal cribbing. O. S. Fleth. 2,376,677; May 22.
Metal, Cutting. G. W. Laughton, Jr. 2,381,355; Aug. 7.
Metal cutting machine. R. L. Gheen. 2,374,281; Apr. 24.
Metal-cutting machine. G. J. Pero. 2,367,521; Jan. 16.
Metal cutting tool. H. C. Smith and R. C. Johnsen. 2,371,715; Mar. 20.
Metal drawing. R. E. Slater. 2,373,606; Apr. 10.
Metal fittings to insulators, Attachment of. E. C. Lee. 2,374,638; Apr. 24.
Metal halides from fluids, Removal of. J. W. Latchum, Jr., and J. D. Upham. 2,368,309; Jan. 30.
Metal house construction, Prefabricated. C. I. Auten. 2,387,229; Oct. 23.
Metal hydracrylates, Preparation of alkali. B. C. Redmon and G. R. Griffin. 2,369,491; Feb. 13.
Metal hydride, Production of alkali. V. L. Hansley. 2,372,670–1; Apr. 3.
Metal hydrides, Production of. P. P. Alexander. 2,372,108; Mar. 27.
Metal hydroxide, Precipitating alkali. I. E. Muskat. 2,373,257; Apr. 10.
Metal in strip form, Heat-treating. E. Mittelmann. 2,371,459; Mar. 13.
Metal ingot molds, Conditioning. R. K. Hopkins. 2,375,108; May 1.
Metal insert for vacuum-tight sealing. W. E. Kingston. 2,369,146; Feb. 13.
Metal members to insulation, Fastening. J. A. Spencer. 2,376,397; May 22.
Metal, Method and apparatus for producing. R. K. Hopkins. 2,369,233; Feb. 13.
Metal, Method and apparatus for the continuous production of. R. K. Hopkins. 2,375,107; May 1.
Metal parts for ring binders, Making. J. Schade. 2,384,134; Sept. 4.
Metal parts for ring binders, Making. J. Schade. 2,385,883; Oct. 2.
Metal pieces, Shaping elongated. F. Amiot. 2,369,515; Feb. 13.
Metal plate dimpling machine. L. C. Huck. 2,390,537; Dec. 11.
Metal plate rectifier. C. A. Kotterman. 2,378,411; June 19.
Metal plates, Sensitizing and protecting. V. N. Gloseffi. 2,386,602; Oct. 9.
Metal pouring device. C. E. Logan, M. C. Dowling and P. E. Hartung. 2,372,628; Mar. 27.
Metal powder, Production of. R. L. Patterson. 2,368,489; Jan. 30.
Metal powders, Classifying. J. Wulff. 2,371,665; Mar. 20.
Metal products, Manufacture of. H. A. Brassert. 2,383,766; Aug. 28.
Metal products, Manufacture of shaped. C. Cito. 2,382,384; Aug. 14.
Metal, Recovering precious. F. C. Nachod. 2,371,119; Mar. 6.
Metals recovery apparatus. R. O. Gray. 2,381,157; Aug. 7.
Metal removing tool. R. R. Weddell. 2,385,750; Sept. 25.
Metal ring. C. E. Zarth. 2,383,577; Aug. 28.
Metal rolling process. H. Blount and C. V. Lundeen. 2,371,671; Mar. 20.
Metal salts of acylated hydroxyaromatic carboxylic acid condensation products. O. M. Reiff. 2,377,267; May 29.
Metal sheet and making same, Treated. R. R. Tanner. 2,391,656; Dec. 25.
Metal sheets, Cleaning. E. Reed. 2,380,550; July 31.
Metal sheets, Producing reinforced. E. I. Valyi and S. Tour. 2,375,334; May 8.
Metal strip and the like, Processing of. F. S. Schindler. 2,390,001; Nov. 27.
Metal strips, Bending. W. Schukraft. 2,368,163; Jan. 30.
Metal structure, Reticulated. H. E. Bartsch. 2,369,128; Feb. 13.
Metal sulphide catalysts, Application of. R. M. Cole. 2,373,626; Apr. 10.
Metal surfaces. J. M. Cohen. 2,369,946; Feb. 20.
Metal surfaces, Electrolytic cleaning and pickling of. J. S. Nachtman. 2,372,509; Mar. 27.
Metal transfer. J. W. McGill. 2,371,456; Mar. 13.
Metal treatment and fabrication, Method and apparatus for. E. Chapman. 2,367,715; Jan. 23.
Metal tube shaping machine. C. L. Dewey. 2,368,973; Feb. 6.
Metal values, Recovery of. R. C. Archibald and R. A. Trimble. 2,386,081; Oct. 2.
Metal wire, Forming extended lengths of. G. H. Slagle. 2,384,351; Sept. 4.

Metal wire, rod, strip, and the like, Method of and apparatus for making. J. B. Brennan. 2,371,604; Mar. 20.
Metal with tin, Coating cupreous. J. D. Sullivan and A. E. Pavlish. 2,369,620; Feb. 13.
Metallic abrasive composition of matter. H. Kott. 2,367,406; Jan. 16.
Metallic bodies, Producing. H. L. Crowley. 2,386,544; Oct. 9.
Metallic compositions containing bismuth. F. R. Hensel. 2,379,232; June 26.
Metallic compounds, Manufacture of. C. W. Wilson. 2,374,467; May 22.
Metallic magnesium from magnesium silicates, Producing. P. J. Hansgirg. 2,379,576; July 3.
Metallic material, Treatment of. F. J. Hansgirg. 2,367,020; Jan. 9.
Metallic powders, Molding under pressure. C. G. Goetzel. 2,386,604; Oct. 9.
Metallized paper electrical condenser. R. A. Grouse and J. Rogers. 2,388,139; Oct. 30.
Metallurgical apparatus. L. W. Bahney and A. H. Horswell. 2,369,272; Feb. 13.
Metallurgical apparatus. C. J. Westling. 2,391,496; Dec. 25.
Metallurgical apparatus. G. P. Wilson and E. Hartshorne. 2,377,597; June 5.
Metallurgical induction furnace. J. C. Harris, Jr. 2,383,384; Aug. 21.
Metallurgical treatment of raw materials, Continuous. J. Lohse. 2,375,932; May 15.
Metallurgy. M. J. Udy. 2,367,630; Jan. 16.
Metallurgy. M. J. Udy. 2,370,608; Feb. 27.
Metallurgy. M. J. Udy. 2,390,970; Dec. 11.
Metallurgy, Powder. N. K. G. Tholand. 2,366,371; Jan. 2.
Metals and alloys, Manufacture of. P. Adeline. 2,369,112; Feb. 6.
Metals, Comminution of molten. G. J. Comstock. 2,384,892; Sept. 18.
Metals, Corrosion protection of. E. R. White. 2,368,606–7; Jan. 30.
Metals, Granulating. J. P. A. McCoy. 2,380,253; July 10.
Metals, Identifying. A. Doachek. 2,366,844; Jan. 9.
Metals in multiple retort distilling furnace, Production of. F. G. Breyer. 2,386,429; Oct. 9.
Metals, Melting and refining ferrous. T. F. Baily. 2,382,534; Aug. 14.
Metals, Metal-coating. C. G. Fink. 2,382,868; Aug. 14.
Metals, Preparation of powdered. C. D. Coxe. 2,377,676; June 5.
Metals, Producing. H. A. Brassert. 2,367,262; Jan. 16.
Metals, Purification of. P. P. Alexander. 2,375,198–9; May 8.
Metals, Removal of electrodeposited. W. S. Loose. 2,371,529; Mar. 13.
Metals, Uniting. R. H. Hobrock. 2,373,116–17; Apr. 10.
Metalworking apparatus, Electromagnetic vibratory. H. V. Harding. 2,383,383; Aug. 21.
Metalworking machine. R. J. S. Pigott. 2,386,572; Oct. 9.
Metalworking machine. C. N. Ralbourn. 2,368,614; Feb. 6.
Metalworking tool. R. D. Stephens. 2,378,871; June 19.
Meter: *See*—
Ammunition belt tension meter.
Concrete consistency meter.
Electrical ratio meter.
Exposure meter.
Fluid flow meter.
Fluid meter.
Float controller meter.
Gas meter.
Gravity meter.
Light meter.
Liquid meter.
Magnetic field gradient meter.
Photoelectric exposure meter.
Prepayment meter.
Radiographic exposure meter.
Reverberation meter.
Short time interval meter.
Synchronous motor time meter.
Tensiometer.
Thrust meter.
Visual photographic exposure meter.
Meter and indicator therefor, Interval. T. F. Bludworth. 2,385,254; Sept. 18.
Meter and method, Null-type. D. B. Sinclair. 2,376,394; May 22.
Meter and scale therefor. J. V. Skulley. 2,384,350; Sept. 4.
Meter box and the like. E. G. Johansson. 2,367,127; Jan. 9.
Meter for magnetos, Test. D. F. McClellan and H. Chasen. 2,383,557; Aug. 28.
Meter mounting. E. G. Johansson. 2,370,043; Feb. 20.
Meter testing instrument support. R. R. Carlson. 2,390,640; Dec. 11.
Metering apparatus. M. M. Borden. 2,385,772; Oct. 2.
Metering device, Maximum demand. P. Heynisch. 2,382,009; Aug. 14.
Metering system, Automatic printing and totalizing. T. G. Le Clair. 2,366,913; Jan. 9.
Metering system, Impulse. M. J. Brown. 2,384,792; Sept. 18.
Meters, Contactor for moisture. R. S. Hart. 2,370,658; Mar. 6.
Methacrylic acid, Manufacture of. L. Coes, Jr. 2,379,625; July 3.
Methallyl chloroformate. I. E. Muskat. 2,370,570; Feb. 27.
Method and machine for making hosiery. F. Lambach. 2,366,340; Jan. 2.
Method and machine for punching out articles from strips. M. H. Sidebotham. 2,386,147; Oct. 2.
Method of machining parts. L. A. Corey. 2,387,214; Oct. 16.
Method of making shoes and product of said method. A. Sanchioni. 2,386,910; Oct. 16.
Methoxymethylene-malonitrile, Manufacture of. F. Bergel, A. Cohen, and J. W. Haworth. 2,376,185; May 8.
Methyl cyclopentadiene and cyclopentadiene, Copolymerization of. S. G. Trepp. 2,387,624; Oct. 23.
Methyl formate to formic acid, Conversion of. D. J. Loder. 2,373,583; Apr. 10.
Methyl phenylacetylene from ring substituted methyl styrene, Removing. F. J. Soday. 2,372,524; Mar. 27.
Methyl silicon polymers and preparation. R. R. McGregor and E. L. Warrick. 2,382,082; Aug. 14.
Methyl styrene, Purifying ring substituted. F. J. Soday. 2,383,921; Aug. 28.
Methyl vinyl ketone, Preparation of. W. J. Hale and L. A. Underkofler. 2,371,577; Mar. 13.
Methylene compounds, Polymerizing unsaturated. C. E. Barnes. 2,369,520; Feb. 13.
Metronome. G. C. Engel and F. L. Eidmann. 2,375,294; May 8.
Mica, Method and apparatus for delaminating. F. E. Fisher. 2,380,741; July 31.
Mica products, Making high temperature-resisting bonded. W. A. Boughton, W. R. Mansfield, and F. C. Hughes. 2,387,559; Oct. 23.
Mica sheet and making the same. F. G. Pellett. 2,367,047; Jan. 9.
Micro wave control apparatus. J. H. Cotton. 2,388,830; Nov. 13.
Micromatic adjustment for work tables. A. Serna. 2,370,882; Mar. 6.
Micrometer and crank grinding tool, Combined. R. C. Worley. 2,374,849; May 1.
Micrometer gauge. J. J. Jackman. 2,391,020; Dec. 18.
Micrometer gauge. U. Weiss and D. Leone. 2,382,759; Aug. 14.
Micrometer, Inside. J. F. Rondinone. 2,384,343; Sept. 4.
Microorganisms, Preserving. P. A. Ark. 2,376,333; May 22.
Microphone. C. E. Fisher. 2,379,514; July 3.
Microphone boom. A. G. Wright. 2,366,950; Jan. 9.
Microphone circuit. H. C. Hornickel. 2,380,438; July 31.
Microphone, Throat. J. M. Kuhlik. 2,385,867; Oct. 2.
Microphonic electron tube. J. Rothstein. 2,389,935; Nov. 27.
Microphoto apparatus. J. A. Reyniers. 2,369,981; Feb. 20.
Microscope, Document reading. E. G. Fassel. 2,372,192; Mar. 27.
Military aircraft. V. J. Burnelli. 2,380,289; July 10.
Military tool. P. E. Willman. 2,368,792; Feb. 6.
Military vehicle. S. H. Webster. 2,385,480; Sept. 25.
Milk dispenser. L. F. Norris. 2,377,261; May 29.
Milk cans, Venting. J. A. Hopwood. 2,371,296; Mar. 13.
Milk, cream, curd, and cheese, Improving. G. Friedel. 2,385,569; Sept. 25.
Milk, Manufacture of evaporated. R. Whitaker, R. P. Myers, and R. E. Homberger. 2,372,239; Mar. 27.
Milk, Pasteurizing. A. C. Dahlberg and R. F. Holland. 2,390,872; Dec. 11.
Milk pipe rack. N. C. Ball. 2,376,955; May 29.
Milk product and the preparation thereof, Dry. D. E. Mook. 2,383,070; Aug. 21.
Milk products, Making homogenized. E. D. Fear. 2,374,427; Apr. 24.
Milk products, Preparation of concentrated fluid. P. T. Lemmel and H. P. Fell. 2,381,761; Aug. 7.
Milk, Soft curd. R. G. Helmer and M. G. Farnham. 2,376,693; May 22.
Milker construction. J. R. Lowry. 2,366,273; Jan. 2.
Milking appliance. C. H. Howard. 2,377,234; May 29.
Milking apparatus. C. E. Omdalen. 2,376,717; May 22.
Milking machine, Vacuum break. H. R. Cleverly. 2,371,803; Mar. 20.
Milking parlor. H. B. Babson and J. J. Stampen. Re. 22,657; Aug. 7.
Mill: *See*—
Adjustable rolling mill.
Continuous tube rolling mill.
Emulsifying mill.
End mill.
Fulling mill.
Grinding mill.
Hammer mill.
Lathe and turret mill.
Multiple roll mill.
Reducing mill.
Rolling mill.
Tube reducing mill.
Two stage rotary mill.
Wire rolling mill.
Mill. J. Alexander. 2,383,437; Aug. 28.
Mill. F. A. Beatty. 2,389,888; Nov. 27.
Millable composition. M. T. Harvey. 2,383,789; Aug. 28.
Miller devoid of driving wheel means, Motor-carrying ground. A. Rutishauser. 2,375,137; May 1.
Milling and grinding machine. W. Umbdenstock. 2,375,052; May 1.
Milling and like machine for copying and reproducing. J. T. Bolas. 2,389,407; Nov. 20.

Milling and marking machine. E. T. Nord. 2,381,921; Aug. 14.
Milling attachment, Internal and external. J. M. Schmidt. 2,372,913; Apr. 3.
Milling cutter. C. K. Emde, J. H. Rogers, and G. H. Posejpal. 2,374,528; Apr. 24.
Milling cutter. S. Francis. 2,377,773; June 5.
Milling cutter. D. Seiter. 2,382,509; Aug. 14.
Milling, grinding, turning, or other machine tool. H. J. Lorant and A. Sadger. 2,376,262; May 15.
Milling head attachment for metal working machines. C. E. Skelton. 2,385,735; Sept. 25.
Milling machine. J. B. Armitage. 2,379,405; July 3.
Milling machine. R. S. Condon. 2,383,910; Aug. 28.
Milling machine. N. M. Marsilius. 2,380,859; July 31.
Milling machine. R. L. Rougemont and J. B. Wilson. 2,384,133; Sept. 4.
Milling machine. F. W. Rowe. 2,373,341; Apr. 10.
Milling machine. H. M. Scarff. 2,388,872; Nov. 13.
Milling machine. R. D. Wortendyke. 2,368,061; Jan. 23.
Milling machine attachment. R. J. Brown. 2,373,944; Apr. 17.
Milling machine attachment for lathes. W. C. Hungerford. 2,375,789; May 15.
Milling machine for ingots. L. Antonelli and O. Pavan. 2,387,553; Oct. 23.
Milling machine, Thread. A. J. Prance. 2,382,662; Aug. 14.
Mine, Antiaircraft. V. N. Vertzinsky. 2,372,804; Apr. 3.
Mine door. T. P. Topping. 2,376,638; May 22.
Mine, Land. P. J. M. R. Delalande. 2,374,179; Apr. 24.
Mine, Land. T. A. Parker. 2,377,174; May 29.
Mine sweeping cable. D. Larkin. 2,384,038; Sept. 4.
Mineral fortification of foodstuffs. R. E. Sadtler. 2,371,189; Mar. 13.
Mineral Oil. H. S. Angel, E. W. Fuller, and H. G. Berger. 2,381,377; Aug. 7.
Mineral oil composition. J. H. Bishop. 2,376,306; May 15.
Mineral oil composition. J. J. Giammaria and O. M. Reiff. 2,386,206; Oct. 9.
Mineral oil composition. T. T. Noland. 2,379,453; July 3.
Mineral oil composition. H. G. Smith, T. L. Cantrell and J. G. Peters. 2,378,442–3; June 19.
Mineral oil composition and improving agents therefor. O. M. Reiff and H. D. Hartough. 2,367,377; Jan. 16.
Mineral oil compound. H. H. Williams and E. W. Fuller. 2,388,199; Oct. 30.
Mineral oil, Compounded. F. W. Kavanagh, B. B. Farrington, and J. O. Clayton. 2,381,912; Aug. 14.
Mineral oil, Desalting. G. S. Nees and R. B. Perkins, Jr. 2,380,458; July 31.
Mineral oil, Desalting of. C. G. Kirkbride. 2,366,792; Jan. 9.
Mineral oil, Refining. P. T. Parker. 2,371,408; Mar. 13.
Mineral wax-type compositions, Modification of. D. E. Pearsall. 2,387,529; Oct. 23.
Mineral wool apparatus. F. C. Freeman and A. B. Rieger. 2,376,043; May 15.
Mineral wool apparatus. E. R. Powell. 2,369,605; Feb. 13.
Mineral wool product, Making. H. T. Coss. 2,375,284; May 8.
Minerals, Concentrating. L. J. Erck. 2,378,356–7; June 12.
Minerals, Concentrating. G. J. Holt. 2,368,416; Jan. 30.
Minerals of different specific gravity, Separating. C. E. Wuensch. 2,373,635; Apr. 10.
Mining cutter bit. H. M. Stephens. 2,379,044; June 26.
Mining machine. A. L. Lee. 2,387,159; Oct. 16.
Mining machine. F. B. Miller. 2,368,863; Feb. 6.
Mining machine. B. Tocci-Guilbert. 2,366,222; Jan. 2.
Mining, Process and apparatus for military and naval. C. Tietig. 2,369,325; Feb. 13.
Mirror and reflector. W. H. Colbert and W. L. Morgan. 2,387,745; Oct. 30.
Mirror equipment, Portable. C. T. Bolinger. 2,379,214; June 26.
Mirror or reflector. W. H. Colbert. 2,390,424; Dec. 4.
Mirror retaining means. A. Marchand. 2,383,809; Aug 28.
Mirror-sight aiming device. G. A. Rubissow. 2,374,956; May 1.
Miscella and like mixtures through a filtering medium of solid oil-bearing material, Processes and apparatus for filtering. M. Bonotto. 2,370,138; Feb. 27.
Missile structure, Frangible. C. E. Choate and R. E Townsend, Jr. 2,377,675; June 5.
Mist separator. J. B. Clark. 2,369,020; Feb. 6.
Mitt, Bath. A. R. Baldeschwieler. 2,374,068; Apr. 17.
Mitt, Toe. E. S. McCandless. 2,391,064; Dec. 18.
Mitten. O. C. Daiber. 2,380,633; July 31.
Mixed material separator. J. A. Erickson. 2,389,966; Nov. 27.
Mixer: *See*—
Food mixer.
Gas and liquid mixer.
Gas mixer.
Hot and cold water mixer.
Steam and water mixer.
Thermostatic mixer.
Mixer and beater. M. Polcar. 2,374,831; May 1.
Mixer and water cooling device, Combination dough. M. A. Stiedber. 2,370,888; Mar. 6.
Mixer with pressure controlled mullers. D. Brown. 2,377,307; June 5.
Mixing apparatus. H. G. Houlton. 2,367,279; Jan. 16.
Mixing apparatus. A. J. L. Hutchinson. 2,375,558; May 8.
Mixing attachment. A. I. Podell. 2,376,722; May 22.
Mixing device. A. Hirschl. 2,388,972; Nov. 13.
Mixing device. J. L. Walker. 2,391,110; Dec. 18.
Mixing, kneading, shredding, pulping, and like machines. J. E. Pointon. 2,389,545; Nov. 20.
Mixing machine. G. A. Fasold. 2,368,977; Feb. 6.
Mixing valve. B. A. Reynolds. 2,383,215; Aug. 21.
Mixture containing sodium bicarbonate, Preparation of a. W. McGeorge and F. H. Milner. 2,378,147; June 12.
Mixture control. R. K. Thompson and K. E. Dixon. 2,389,219; Nov. 20.
Mixture control. S. M. Udale. 2,367,542; Jan. 16.
Mixture control apparatus. D. J. Deschamps. 2,388,681; Nov. 13.
Mixture for trap gun cartridges, Poison. E. P. Marlman. 2,368,368; Jan. 30.
Moccasin blank. F. R. Speight. 2,375,961; May 15.
Moccasin seam sewing machine. F. R. Speight. 2,387,813; Oct. 30.
Model construction. J. H. Rieger. 2,366,652; Jan. 2.
Model form, Collapsible. J. Kroll. 2,367,171; Jan. 9.
Modifiers for polymerization of butadiene-1,3 hydrocarbons. C. F. Fryling. 2,388,477; Nov. 6.
Modifiers for polymerization of butadiene-1,3 hydrocarbons. B. M. G. Zwicker and W. D. Stewart. 2,388,514–5; Nov. 6.
Modifying the molecular structure of oils and fats. E. W. Eckey. 2,378,007; June 12.
Modulating condition responsive switch. G. W. Crise. 2,366,387; Jan. 2.
Modulation detection, Phase. L. E. Norton. 2,375,577; May 8.
Modulation detection, Undesired. F. Woerner. 2,378,612; June 19.
Modulating means for cooler control. J. E. Chapman. 2,385,060; Sept. 18.
Modulating valve. H. L. Beekley. 2,387,225; Oct. 23.
Modulation system. J. J. Antalek. 2,372,701; Apr. 3.
Modulation system. C. B. Watts, Jr. 2,368,693; Feb. 6.
Modulating system for frequency multipliers. A. L. Nelson. 2,380,366; July 10.
Modulation system, Frequency. R. M. Wilmotte. 2,386,528; Oct. 9.
Modulation circuit. A. Alford and G. K. Patterson. 2,383,456; Aug. 28.
Modulation control, Screen-grid. O. De Guire. 2,385,566; Sept. 25.
Modulation of electrical quantities. F. J. D'Agostino and S. A. Valdes. 2,385,086; Sept. 18.
Modulator. R. C. Shaw. 2,379,042; June 26.
Modulator and control means, Wave length. M. G. Crosby. 2,380,947; Aug. 7.
Modulator, Frequency. D. A. Bell. 2,384,789; Sept. 18.
Modulator, Frequency. W. P. Mason. 2,379,819; July 3.
Modulator system, Synthetic. R. A. Hilferty. 2,378,013; June 12.
Modulator, Wave length. M. G. Crosby. 2,375,527; May 8.
Moistening device. A. Burckhardt and F. J. Rouan. 2,368,520; Jan. 30.
Moisture measurement of materials, Method and apparatus for. H. Olken. 2,373,846; Apr. 17.
Moistureproof container. J. M. Patek. 2,367,520; Jan. 16.
Mold: *See*—
Anode mold.
Butter mold.
Collapsible mold.
Compression mold.
Concrete block and tile mold.
Matrix tread vulcanizing mold.
Polymerization mold.
Tire mold.
Recap mold.
Refractory mold.
Temperature control mold.
Vulcanizing mold.
Mold. E. Mayer. 2,369,067; Feb. 6.
Mold. W. Rose. 2,368,327; Jan. 30.
Mold. C. E. Sorensen. 2,383,224; Aug. 21.
Mold. R. L. Watson. 2,379,616; July 3.
Mold and fabrication method. L. Navias. 2,383,812; Aug. 28.
Mold chill. M. E. Gantz. 2,381,734–5; Aug. 7.
Mold construction. R. W. Brown. 2,367,822; Jan. 23.
Mold construction for platen presses. D. G. Rempel. 2,367,525; Jan. 16.
Mold for binding books. J. J. Krehbiel. 2,379,971; July 10.
Mold for butter and the like. J. L. Wade. 2,370,925; Mar. 6.
Mold for casting electrolytic cells. A. W. Moore, F. B. Moran, H. L. Christian, and D. D. Morris. 2,385,830; Oct. 2.
Mold for concrete bombs. R. P. Petersen. 2,388,569; Nov. 6.
Mold for forming artificial teeth. M. S. Moskey. 2,368,721; Feb. 6.
Mold for frozen comestibles. B. H. Moore. 2,384,041; Sept. 44.

Mold for sliding clasp fasteners. J. Kuna. 2,374,292; Apr. 24.
Mold for tires, Tread vulcanizing. E. A. Glynn. 2,370,655; Mar. 6.
Mold form. H. F. Hagemeyer. 2,382,053; Aug. 14.
Mold lock. H. M. Louden and C. W. McCreery. 2,383,556; Aug. 28.
Mold sprayer, Ingot. J. W. Stewart. 2,387,362; Oct. 23.
Mold with spring tensioned diaphragm, Ice. L. L. Mallard. 2,377,436; June 5.
Moldable materials and making same. F. Ringer. 2,366,425; Jan. 2.
Moldable plastics composition and preparing same. A. W. Koon. 2,372,433; Mar. 27.
Molded article. C. A. Bauer. 2,376,305; May 15.
Molded articles, Forming. V. A. Navikas. 2,385,722; Sept. 25.
Molded articles, Making arcuate. D. E. Lucid. 2,369,583; Feb. 13.
Molded boat. K. H. Bowen. 2,376,753; May 22.
Molded composition friction bodies, Manufacture of. E. E. Novotny. 2,390,266; Dec. 4.
Molded lightning-arrester block. W. G. Roman. 2,376,815; May 22.
Molded plastic die members with electric heating elements embodied therein, Manufacturing. C. F. Marschner and E. W. Bryan. 2,391,432; Dec. 25.
Molded product, Making a. H. F. Taylor. 2,374,246; Apr. 24.
Molded product, Producing. K. L. Landon. 2,379,163; June 26.
Molded products from vegetable starting material, Manufacture of. A. Karim. 2,382,568; Aug. 14.
Molding. G. H. Frank and B. M. A. Trebes. 2,369,291; Feb. 13.
Molding. A. J. Stamm and H. D. Turner. 2,391,489; Dec. 25.
Molding and core sand, Reclaiming. B. A. Smith. 2,384,573; Sept. 11.
Molding and curing self-setting magnesia. A. M. Dinkfeld. 2,365,975; Feb. 6.
Molding apparatus. A. J. Brunner. 2,382,200; Aug. 14.
Molding apparatus. W. Fleenor. 2,368,818; Feb. 6.
Molding apparatus. R. W. Peacock. 2,376,805; May 22.
Molding apparatus. J. Schaub. 2,370,920; Mar. 6.
Molding apparatus. F. A. Schultz. 2,378,586; June 19.
Molding apparatus. F. E. Trockle, E. D. McClellan, and W. D. Simpson. 2,386,641; Oct. 9.
Molding apparatus, Automatic. G. B. Sayre. 2,375,252; May 8.
Molding apparatus for making thin-walled hollow articles. H. M. Dodge. 2,370,294; Feb. 27.
Molding apparatus, Injection. F. von Opel. 2,374,468; Apr. 24.
Molding articles. A. E. Gibson, Jr. 2,370,623; Mar. 6.
Molding composition. J. D. Gold. 2,371,688; Mar. 20.
Molding composition. J. S. Tinsley. 2,368,788; Feb. 6.
Molding composition comprising very plastic polymers of chloroprene and the like. H. W. Starkweather and F. N. Wilder. 2,385,739; Sept. 25.
Molding composition, Heat-treated asbestos filled. P. C. Schroy. 2,385,384; Sept. 25.
Molding compositions. J. K. Speicher. 2,389,940; Nov. 27.
Molding compositions and products produced therefrom, Inorganic. E. H. Brink and N. F. Arone. 2,366,485; Jan. 2.
Molding device. L. B. Salisbury. 2,385,544; Sept. 25.
Molding form. D. G. Cline. 2,374,420; Apr. 24.
Molding machine. P. Pritchard. 2,371,960; Mar. 20.
Molding machine. H. Stemmler and K. Künzl. 2,376,203; May 15.
Molding machine. R. B. Tedrow. 2,390,564; Dec. 11.
Molding machine. P. C. Tracy. 2,391,527; Dec. 25.
Molding machine, Block. H. L. Lofdahl. 2,389,673; Nov. 27.
Molding machine, Injection. C. Jobst. 2,372,833; Apr. 3.
Molding machine, Soap. C. T. Walter. 2,385,322; Sept. 18.
Molding of plastic compositions, Injection. H. J. Lynch. 2,386,697; Oct. 9.
Molding press. P. E. Flowers. 2,368,756; Feb. 6.
Molding press. T. F. Stacy. 2,367,242; Jan. 16.
Molding press. F. J. Stokes, Jr., and L. H. Bailey. 2,389,561; Nov. 20.
Molding, Pressure. C. C. Misfeldt. 2,391,182; Dec. 18.
Molding process and product thereof. C. W. Egan. 2,390,525; Dec. 11.
Molding process, Veneer. C. U. Gramelspacher. Re. 22,687; Nov. 6.
Molding, shaping and uniting apparatus. R. J. Nebesar. 2,370,322; Feb. 27.
Molding trays, Method of and apparatus for. F. M. Curran. 2,382,004; Aug. 14.
Molds and the like, Method of and apparatus for conditioning. C. A. Barnett. 2,385,962; Oct. 2.
Molds, Conditioning gel. V. V. Vallandigham. 2,390,138; Dec. 4.
Molds, Fabricating. R. H. Thielemann. 2,388,299; Nov. 6.
Molds having accommodation cores, Making. R. J. Miller. 2,368,718; Feb. 6.
Molds having transition cores, Making. R. J. Miller. 2,391,587; Dec. 25.
Molds, Inhibiting growth of. C. M. Gooding. 2,379,294; June 26.
Molds, Making. G. D. Marcy. 2,385,456; Sept. 25.
Molds, Making. E. H. Wallace. 2,388,776; Nov. 13.
Molds, Preparation of dry sand. A. S. Nichols. 2,367,648; Jan. 16.
Molecular mercaptals and mercaptols, Production of higher. E. Schrim. 2,369,612; Feb. 13.
Molten Be-containing alloys for casting, Conditioning. F. O'N. Wyllie. 2,380,566; July 31.
Molten magnesium and magnesium-base alloys, Protection of. G. F. Gunn. 2,378,699; June 19.
Molybdate and alumina from spent catalysts, Separation and recovery of. A. Kissock. 2,367,506; Jan. 16.
Molybdenum from spent catalyst to fresh solid catalyst material, Transferring. H. T. Brown. 2,367,263; Jan. 16.
Moneybag. I. Macdonald. 2,374,115; Apr. 17.
Monitor, Transmission line. G. L. Usselman. 2,366,660; Jan. 2.
Monitor, Wave frequency. W. R. Koch. 2,366,628; Jan. 2.
Monitoring and measuring apparatus for frequency modulated signals. R. A. Braden. 2,369,011; Feb. 6.
Monitoring device for spot welding machines. N. C. Clark and P. R. Carlson. 2,370,009; Feb. 20.
Mono- and di-alkyl esters of sulphuric acid, Separation of. H. F. Kohler. 2,380,532; July 31.
Mono-acyl ethylene diamines. N. Weiner. 2,387,201; Oct. 16.
Monoacyl-p,p'-diaminodiphenyl sulphones and making same. J. H. Williams and R. O. Roblin, Jr. 2,366,664; Jan. 2.
Monoazo compounds. J. G. McNally and J. B. Dickey. 2,382,433; Aug. 14.
Monoazo compounds. J. G. McNally and J. B. Dickey. 2,390,113; Dec. 4.
Monoethanolamine solutions, Stabilization of. R. M. Reed. 2,377,966; June 12.
Monoethyl aniline, Preparation of. A. G. Hill and R. E. Sayre. 2,377,233; May 29.
Monomeric and polymeric esters of vinyl thiols and their manufacture. M. M. Brubaker. 2,378,535; June 19.
Monomers, Purification of alkyl methacrylate. B. M. Marks. 2,377,952; June 12.
Monosulphide preparation, Tetraalkylthiuram. E. Kay. 2,383,318; Aug. 21.
Monothiobiuret, Preparing. R. L. Sperry. 2,371,113; Mar. 6.
Mooring device. A. Baliman. 2,383,950; Sept. 4.
Mop. P. B. Coats. 2,384,602; Sept. 11.
Mop, Cleaning. A. J. Penick. 2,373,050; Apr. 3.
Mop construction. B. A. Olsen. 2,376,450; May 22.
Mop device, Sanitary. L. C. McCleave. 2,378,644; June 19.
Mophead. L. C. Osborne. 2,368,037; Jan. 23.
Mop head and mop. H. Schaffhauser. 2,374,782; May 1.
Mop, Roofer's. B. A. Olsen, E. T. Combs, and J. H. Nelson. 2,389,322; Nov. 20.
Mop structure. J. C. Trindl. 2,380,128; July 10.
Mop swab for use on smooth surfaced floorings and the like. F. C. and J. S. Brennan and L. J. Reyba. 2,374,170; Apr. 24.
Morpholine compounds. J. B. Dickey and J. G. McNally. 2,374,181; Apr. 24.
Morpholine compounds, Producing. W. H. Strain and J. B. Dickey. 2,381,935; Aug. 14.
Mortar. Combination. C. F. Shaffer. 2,383,087; Aug. 21.
Mortar depositing device. J. Moore. 2,373,971; Apr. 17.
Mortar, Portable ground. H. J. Fanger and H. Gruenhagen. 2,378,691; June 19.
Mosaic Electrodes, Manufacturing. H. B. DeVore. 2,380,505; July 31.
Mosaic sensitivity indicator. L. F. Mayle. 2,389,991; Nov. 27.
Motion effecting mechanism. C. R. Sacchini. 2,376,013; May 15.
Motion for knitting machines, Stop. J. Wachsman. 2,368,184; Jan. 30.
Motion-picture apparatus. F. O. Calvin, W. G. Wilson, and T. R. Smith. 2,384,597; Sept. 11.
Motion-picture apparatus. E. E. Masterson. 2,371,836; Mar. 20.
Motion picture apparatus. M. V. Mercer. 2,383,493; Aug. 28.
Motion picture sound record. M. W. Seymour and W. D. Peterson. 2,382,670; Aug. 14.
Motion picture theater. T. C. Gray. 2,380,837; July 31.
Motion pictures, Making. D. B. Clark. 2,384,601; Sept. 11.
Motion take-up for control cables. E. W. Batterson and E. A. Midling. 2,369,332; Feb. 13.
Motion transmitting mechanism. C. D. Buck. 2,369,528; Feb. 13.
Motion transmitting mechanism. J. Kuns. 2,366,199; Jan. 2.
Motive system. R. M. Nardone. 2,375,029; May 1.

Motor: *See*—
Air motor.
Alternating current varnier motor.
Anode ring motor.
Charger motor.
Current motor.
Direct-current motor.
Double acting reciprocating air motor.
Electric motor.
Expansible chamber motor.
Fluid motor.
Fluid power motor.
Fluid pressure motor.
Heat motor.
Hydraulic fluid motor.
Hydraulic motor.
Internal-combustion motor.
Internal-combustion rotary motor.
Pyromagnetic motor.
Quick reversing motor.
Quick reversing single phase motor.
Reversible hoist motor.
Reversible single-phase motor.
Reversing split-phase motor.
Rotary motor.
Servo motor.
Shaded-pole synchronous electric motor.
Shaver motor.
Steam motor.
Synchronous motor.
Thermal motor.
Tube cleaner motor.
Two-speed motor.
Wave motor.
Windshield wiper motor.
Motor, W. M. Emery. 2,373,668; Apr. 17.
Motor, B. F. Snyder. 2,369,374; Feb. 13.
Motor adjusting mechanism, F. O. Luenberger and C. E. Pugh. 2,377,563; June 5.
Motor and brake assembly. J. C. Cox. 2,371,952; Mar. 20.
Motor and operating it, Internal-combustion. L. M Showers. 2,383,749; Aug. 28.
Motor and shimmy dampener for airplane landing gear wheels, Hydraulic steering. H. L. Chisholm. 2,372,710; Apr. 3.
Motor and shimmy dampener for airplane landing gear wheels, Hydraulic steering. H. L. Chisholm, Jr. 2,383,773; Aug. 28.
Motor apparatus, Adjustable-speed polyphase alternating-current. A. G. Conrad. 2,379,867; July 10.
Motor base, Nonchattering. P. F. Koch. 2,370,048; Feb. 20.
Motorboat, Pontoon. L. N. Bell, R. R. and H. E. Harris. 2,369,129; Feb. 13.
Motorboat propulsion mechanism. M. C. Bossen. 2,384,436; Sept. 11.
Motor brackets, Adjusting device for. R. A. Johnstone. 2,368,362; Jan. 30.
Motor construction. S. S. Brown. 2,386,930; Oct. 16.
Motor control. R. W. Beland. 2,387,799; Oct. 30.
Motor control. C. Brongersma. 2,388,382; Nov. 6.
Motor control. J. R. Lindsay. 2,376,791; May 22.
Motor control. E. L. Schwarz. 2,380,268; July 10.
Motor control for electric hoists. C. J. Manney and H. D. Moore. 2,386,487; Oct. 9.
Motor control, Single-phase. H. E. Ellis. 2,382,983; Aug. 21.
Motor control system. G. Davenport. 2,374,257; Apr. 24.
Motor control system. J. C. Gilbert-Carter. 2,367,938; Jan. 23.
Motor control system. E. U. Lassen and J. M. Newman. 2,381,604; Aug. 7.
Motor control system. J. D. Lewis. 2,391,320; Dec. 18.
Motor control system. D. L. Lindquist and J. D. Lewis. 2,373,579; Apr. 10.
Motor control system. K. Mahnke. 2,367,956; Jan. 23.
Motor control system. H. T. Sparrow. 2,389,939; Nov. 27.
Motor control system. J. White. 2,377,286, May 29.
Motor controller. E. E. Moyer. 2,368,485; Jan. 30.
Motor controller. J. M. Naul. 2,371,772; Mar. 20.
Motorcycle fluid drive. C. A. Johnson. 2,387,076; Oct. 16.
Motorcycle springing. E. Latscher-Latka. 2,376,788; May 22.
Motor drive for printing and issuing machines. T. A. Keen and J. Kilburg. 2,378,709; June 19.
Motor drive for small machinery. W. W. Dawson. 2,367,267; Jan. 16.
Motor for lawn sprinklers, etc., Water. E. W. Detjen. 2,390,355; Dec. 4.
Motor for lubricating pumps, Air. G. H. Palm. 2,370,068; Feb. 20.
Motor fuel and by-products, Making. J. H. James. 2,367,125; Jan. 9.
Motor fuel, Manufacture of. H. V. Atwell. 2,379,334; June 26.
Motor fuel, Manufacture of. A. R. Goldsby. 2,383,056; Aug. 21.
Motor fuel, Manufacture of. H. R. Warrick. 2,382,117; Aug. 14.
Motor fuel, Preparing an improved. A. L. Stanly. 2,369,497; Feb. 13.
Motor fuel, Production of. G. T. Gwin. 2,385,133; Sept. 18.
Motor fuels, Production of. P. J. Harrington. 2,367,348; Jan. 16.
Motor mounting. E. F. Riesing. 2,367,833; Jan. 23.
Motor operated door closing device. W. P. Levon. 2,371,336; Mar. 13.
Motor operator. W. E. Edelman. 2,379,954; July 10.
Motor protector. G. C. Pearce. 2,388,800; Nov. 13.
Motor pump unit. E. C. Taylor. 2,370,590; Feb. 27.
Motor starting circuits and resistance unit for use therein. H. J. Graham. 2,384,025; Sept. 4.
Motor steering apparatus. L. C. Bowling. 2,368,741; Feb. 6.
Motor unit, Hydraulic. J. B. Van Der Werff. 2,389,654; Nov. 27.
Motor vehicle. E. Aghnides. 2,372,043; Mar. 20.
Motor vehicle. T. J. Collings. 2,377,838; June 5.
Motor vehicle. J. A. Kennedy. 2,373,028; Apr. 3.
Motor vehicle. E. P. Lamb and R. H. Duff. 2,390,218; Dec. 4.
Motor vehicle. E. S. MacPherson. 2,375,670; May 8.
Motor vehicle. J. P. Marcy. 2,383,611; Aug. 28.
Motor vehicle. F. R. McFarland. 2,382,246; Aug. 14.
Motor vehicle. D. G. Roos. 2,367,434; Jan. 16.
Motor vehicle. A. P. Steele. 2,375,046; May 1.
Motor vehicle. L. Thoma and D. L. Maker. 2,373,356; Apr. 10.
Motor vehicle. E. A. Weiss. 2,370,097–8; Feb. 20.
Motor vehicle identification tag holder. C. T. and L. H. Storm. 2,388,349; Nov. 6.
Motor-vehicle top construction. J. Galamb. 2,368,133; Jan. 30.
Motor with separate drive shafts. E. H. Piron. 2,391,103; Dec. 18.
Motors, Double swivel bracket for outboard. H. B. Tobias. 2,390,135; Dec. 4.
Mount. C. N. Cross. 2,373,874; Apr. 17.
Mount and film gate construction for motion-picture projection machines, Lens. E. Boecking. 2,368,634; Feb. 6.
Mount and making the same, Picture. C. N. Cross. 2,369,438; Feb. 13.
Mount and the like, Film. I. C. Rinn. 2,385,541; Sept. 25.
Mount, Antivibration or shock absorber. D. L. Lane. 2,384,476; Sept. 11.
Mount, Camera objective holder. G. Baer. 2,382,439; Aug. 28.
Mount, Display. C. N. Cross. 2,390,294; Dec. 4.
Mount, Engine. W. E. Stitz and D. C. Kennard. 2,367,697; Jan. 23.
Mount for cowl and manifold supporting means, Cushion. R. I. Markey. 2,370,559; Feb. 27.
Mount for eyepieces. G. E. Guellich. 2,388,051; Oct. 30.
Mount for fixed machine guns, Rear. G. P. Ogg 2,383,985; Sept. 4.
Mount for knitting machines, Adjustable cam. I. H. C. Green and E. St. Pierre. 2,369,781; Feb. 20.
Mount for papermaking machines, Bearing. E. W. Clem and J. P. Munton. 2,372,764; Apr. 3.
Mount for rotary card index boxes and filing cabinets. G. E. C. Kraft. 2,370,474; Feb. 27.
Mount for the assembly of flat printing plates, Mechanized. J. Murray. 2,373,491; Apr. 10.
Mount, Laminated slide film. J. J. Bradford. 2,383,465; Aug. 28.
Mount, Picture. H. Nelman. 2,388,431; Nov. 6.
Mount support. L. E. Harding. 2,387,066; Oct. 16.
Mounting: *See*—
Actuator mounting.
Adjustable optical mounting.
Aircraft engine mounting.
Aircraft gun mounting.
Airplane engine mounting.
Airscrew propeller mounting.
Auxiliary mounting.
Auxiliary spring mounting
Bearing mounting.
Book mounting.
Collar can collar mounting.
Corset stay mounting.
Crystal mounting.
Cutter mounting.
Electrical instrument mounting.
Engine mounting.
Expansible member mounting.
Fire escape chute mounting.
Fixed loop antenna mounting.
Flag mounting.
Fluorescent lamp mounting
Furniture leg mounting.
Gauge mounting.
Grinding wheel mounting.
Gun mounting.
Gun port mounting.
Gun sight mounting.
Hairspring mounting.
Harvester reel mounting.
Kitchen utility mounting.
Lamp mounting.
Lens mounting.
Mechanical pencil eraser mounting.
Meter mounting.
Motor mounting.
Ophthalmic mounting.
Pickup arm mounting.
Pivotal mounting.
Platen mounting.
Porcelain enameled panel mounting.
Punch and die mounting.
Punch mounting.
Resilient mounting.
Steerable road wheel mounting.
Swivel wheel mounting.
Tool mounting.
Transmission mounting.
Transparent canopy mounting.
Transparent closure mounting.
Vacuum tube mounting.
Waterwheel mounting.
Wheel mounting.
Wheel truck mounting.
Mounting, W. V. Goodhue. 2,389,726; Nov. 27.
Mounting, L. E. Harding. 2,387,065; Oct. 16.
Mounting, N. B. Strachovsky. 2,380,899; July 31.
Mounting device for fixed machine guns. J. C. Trotter. 2,376,835; May 22.
Mounting device for projectiles. H. J. Fanger, H. Gruenhagen, and C. F. Shaffer. 2,383,053; Aug. 21.
Mounting device for wheels. W. Fenton. 2,372,891; Apr. 3.
Mounting for air circulator units, Baffle. J. C. Brittingham. 2,385,773; Oct. 2.
Mounting for automatic firearms arranged on aircraft. T. Schmeider. 2,380,470; July 31.

Mounting for cylinders, End cap. T. R. Smith. 2,389,824; Nov. 27.
Mounting for dual wheels. E. V. Garnett and V. G. Garnett. 2,388,403; Nov. 6.
Mounting for electric arc furnace electrodes. W. H. Payne. 2,356,260; Oct. 9.
Mounting for electric fuses. M. Kurilio. 2,380,114; July 10.
Mounting for electrical conduit bushings. W. H. Churchill. 2,373,810; Apr. 17.
Mounting for electron tubes. T. L. Yates. 2,384,410; Sept. 4.
Mounting for explosionproof motors. W. H. De Lancey. 2,389,900; Nov. 27.
Mounting for guns. Adjustable rear. J. Martin. 2,385,218; Sept. 18.
Mounting for implement lifts. A. E. W. Johnson and R. B. Hitchcock. 2,376,541; May 22.
Mounting for interchangeable sticks and wheels. T. C. Barber. 2,385,184; Sept. 18.
Mounting for knitting machines, Controller. E. Vossen. 2,385,174; Sept. 18.
Mounting for license plate frames or the like. H. E. Davis. 2,389,897; Nov. 27.
Mounting for machine guns or small cannon for airplanes. J. Martin. 2,372,728; Apr. 3.
Mounting for motion picture and sound projectors. A. F. Victor. 2,382,116; Aug. 14.
Mounting for neon tubes and the like. S. C. Miller. 2,375,484; May 8.
Mounting for oil well masts, Fast sheave. H. J. Woolslayer, E. A. Campbell, and C. Jenkins. 2,389,226; Nov. 20.
Mounting for oscillatory members. P. N. Martin. 2,372,594; Mar. 27.
Mounting for pencils, Eraser. G. R. Averill. 2,370,831; Mar. 31.
Mounting for pulleys, etc. D. Firth. 2,390,876; Dec. 11.
Mounting for road rollers and similar devices. M. C. Wills. 2,386,023; Oct. 2.
Mounting for rock drills. P. A. Lincoln. 2,368,932; Feb. 6.
Mounting for rock drills. O. H. Sellars. 2,389,553; Nov. 20.
Mounting for rock drills. F. M. Slater. 2,389,558; Nov. 20.
Mounting for sheaves and the like. W. Siegerist. 2,377,046; May 29.
Mounting for swiveled rings. L. F. Reinhold. 2,375,829; May 15.
Mounting machine, Card. A. H. Schaub. 2,386,718; Oct. 9.
Mounting means. K. B. Austin. 2,391,668; Dec. 25.
Mounting means, Facsimile apparatus-record. W. G. H. Finch. 2,372,774; Apr. 3.
Mounting means for electrical parts. W. A. Ray. 2,387,409; Oct. 23.
Mounting means for motor fan units of suction cleaners. C. H. Taylor. 2,372,749; Apr. 3.
Mounting means for pump impellers and the like. C. D. Bower. 2,378,974; June 26.
Mounting means for rotatable disks. R. B. Attridge. 2,366,082; Oct. 2.
Mounting of electrode support, Swivel. S. J. Cherry and L. C. Werner. 2,379,064; June 26.
Mounting of small cannon in the wings and the like of aircraft. J. Martin. 2,382,325; Aug. 14.
Mounting of units, Resilient. M. Marzetti. 2,386,248; Oct. 9.
Mounting photographs and the like. G. L. Weller, Jr. 2,387,695; Oct. 23.
Mounting rolls in dispensing cabinets. C. A. Grondona. 2,380,644; July 31.
Mouthpiece for cornets. J. Ruettiger. 2,376,453; May 22.
Mouthpiece for morticians. R. J. Embser. 2,370,850; Mar. 6.
Mouthpiece for reed instruments. M. Maccaferri. 2,368,556; Jan. 30.
Mouthpiece wiper for metal pots of typographical casting machines. J. C. Plastaras. 2,383,160; Aug. 21.
Moves, Motor powered earth. G. I. Clark. 2,368,202; Jan. 30.
Movie sound machine, Coin controlled. J. F. Eakins. 2,382,470; Aug. 14.
Moving material, Method of and apparatus for drying. C. G. Muench and G. H. Burt. 2,376,612; May 22.
Mower. W. J. Coultas. 2,383,452; Aug. 28.
Mower. C. E. Gifford and D. S. Hoover. 2,375,912; May 15.
Mower. S. E. Hilblom. 2,387,070; Oct. 16.
Mower, Lateral shift. R. Hoefner. 2,374,432; Apr. 24.
Mower, Lawn. S. F. Draim. 2,385,568; Sept. 25.
Mower, Lawn. P. L. Loewe and E. L. Boyce. 2,378,488; June 19.
Mower, Tractor. W. L. Zink, B. T. Aasland, and V. O. Hauswirth. 2,371,206; Mar. 13.
Mower unit. R. W. Speiser. 2,372,300; Mar. 27.
Mowing machine. E. R. Sawtelle and J. I. Blair. 2,377,380; June 5.
Mucking and loading machine. J. A. Hofmeister. 2,377,495; June 5.
Mud, Drilling. D. E. Butler, J. F. Herold, and V. B. Zacher. 2,377,309; June 5.
Mud, Drilling. T. H. Dunn. 2,391,622; Dec. 25.
Mud logging recording system, or the like, Drill. R. W. Stuart. 2,369,811; Feb. 20.
Mud shoe. C. H. Kearney. 2,367,219; Jan. 16.
Muds, Preparation of drilling. A. D. Garrison. 2,368,823; Feb. 6.
Muffle. H. H. Harris. 2,381,538; Aug. 7.
Muffle. Cupel. D. M. Steele. 2,383,353; Aug. 21.
Muffler. H. P. Bye. 2,385,791; Oct. 2.
Muffler. C. Demuth. 2,373,231; Apr. 10.
Muffler. H. A. R. Klemm. 2,382,159; Aug. 14.
Muffler. C. B. Taylor. 2,387,476; Oct. 23.
Muffler for intercommunicating system units. W. S. Darby. 2,373,172; Apr. 10.
Muffler jack. J. J. Mizer. 2,376,375; May 22.
Muffler, Vacuum exhaust. C. R. Hull. 2,378,083; June 12.
Muffler, Vacuum type exhaust, A. D. Flinckinger. 2,386,305; Oct. 9.
Mufflers and the like, Making. C. M. Buck. 2,367,753; Jan. 23.
Multidogging device, Universal. W. J. Nightingale. 2,367,045; Jan. 9.
Multiengine drive. P. Orr. 2,366,646; Jan. 2.
Multifocal ophthalmic lens blanks, Making. J. H. Hammon. 2,388,687; Nov. 13.
Multioffice telegraph system. F. L. Currie and C. F. Stearns. 2,390,517; Dec. 11.
Multiple bit toolholder. K. P. Schoeppner. 2,382,106; Aug. 14.
Multiple bolt rim night latch. H. G. Voight. 2,379,050; June 26.
Multiple-channel inductive heating apparatus. S. S. Schneider and L. W. Gregory. 2,385,031; Sept. 18.
Multiple contact lamp hanger. T. B. and R. K. Farrington, and H. L. Dalzell. 2,377,872; June 12.
Multiple control valve. W. Tydon. 2,366,883; Jan. 9.
Multiple cutter turner. A. C. Bruns. 2,369,014; Feb. 6.
Multiple discharge pump. J. M. Roth. 2,365,883; Feb. 6.
Multiple disk brake. H. T. Lambert. 2,375,855; May 15.
Multiple disk brake. D. Parrett. 2,387,039; Oct. 16.
Multiple dispenser. C. L. Ludwig. 2,386,128; Oct. 2.
Multiple engagement latch. J. R. Burbridge. 2,384,276; Sept. 4.
Multiple filament lamp. G. C. Singer. 2,368,685; Feb. 6.
Multiple-flavor vending machine. H. T. Larimore. 2,389,442; Nov. 20.
Multiple fuel burner. R. C. Vroom and D. P. Graham. 2,366,463; Jan. 2.
Multiple lever tool. J. W. Geddes and T. Porter. 2,382,307; Aug. 14.
Multiple magneto drive. A. H. King. 2,390,886; Dec. 11.
Multiple metering pump. L. Beeh. 2,388,462; Nov. 6.
Multiple opposed piston engine. W. G. Meyers. 2,388,756; Nov. 13.
Multiple pump. L. Beeh. 2,391,221; Dec. 18.
Multiple recorder. G. Keinath. 2,387,760; Oct. 30.
Multiple reflector for lighting units. E. B. Hallman, C. C. Weaver, and C. A. McGough, Jr. 2,369,894; Feb. 20.
Multiple ring balance. O. B. Vetter. 2,370,095; Feb. 20.
Multiple roll mill. S. Larsson. 2,368,030; Jan. 23.
Multiple sheet metal stamping press. K. T. Norris. 2,377,097; May 29.
Multiple splint unit. A. F. Shryer. 2,367,895; Jan. 23.
Multiple spraying device. A. H. Downs. 2,380,827; July 31.
Multiple stage means for changing pitch of aircraft blades. H. M. McCoy. 2,370,675; Mar. 6.
Multiple thread milling cutter. F. Walters. 2,370,894; Mar. 6.
Multiple unit floating dry dock. F. R. Harris. 2,379,904; July 10.
Multiple work support. G. S. Boyd. 2,388,521; Nov. 6.
Multiple zone production apparatus. D. F. Saurenman. 8,368,428; Jan .30.
Multiply devices, Manufacture of. R. J. Peña. 2,382,169; Aug. 14.
Multiplying and dividing machine, Combined. J. W. Bryce. 2,375,277; May 8.
Multiplying machine. E. C. McClure. 2,379,169; June 26.
Multiplying machine. T. O. Mehan and H. E. Hooe. 2,379,449; July 3.
Multiplying machine. S. A. Neidich. 2,374,374; Apr. 24.
Multipolymers containing a conjugated diene hydrocarbon, Rubberlike. W. L. Semon. 2,384,570; Sept. 11.
Multipolymers prepared from mixtures including a conjugated diene hydrocarbon, Rubberlike. W. L. Semon. 2,384,571; Sept. 11.
Multiport rotary valve. A. Kromhout. 2,388,268; Nov. 6.
Multiservice ballast car. A. Campbell. 2,373,538; Apr. 10.
Multistage centrifugal pump. E. A. Wilhelm. 2,391,811; Dec. 25.
Multitrussed unit. E. P. Burke. 2,384,157; Sept. 4.
Multiwoven fabrics, Treating. E. J. Gibbons. 2,371,164; Mar. 13.
Munitions. J. C. Whitesell, Jr. 2,382,277; Aug. 14.
Music character printing. D. L. Morrison. 2,382,804; Aug. 14.
Music turner, Sheet. A. Maletta. 2,391,175; Dec. 18.
Musical game board. M. Gudkov. 2,381,347; Aug. 7.
Musical instrument. Y. K. Kealoha. 2,368,842; Feb. 6.

Musical signal device. A. C. Grohsgal. 2,391,698; Dec. 25.
Muslike preparations, Producing. C. V. Sparhawk. 2,368,578; Jan. 30.
Mute for stringed musical instruments. R. B. Kingman. 2,386,899; Oct. 16.
Mute for stringed musical instruments. R. B. Kingman. 2,388,550; Nov. 6.
Mute, Stringed instrument. R. B. Kingman. 2,388,551; Nov. 6.
Mutual coupling. R. F. Shea. 2,388,295; Nov. 6.
Myosmine, Preparation of. C. F. Woodward, A. Eisner, and P. G. Haines. 2,381,328; Aug. 7.
N-Aryltetrahydroquinolines. J. B. Dickey and J. B. Normington. 2,387,751; Oct. 30.
N-hydrocarbon-substituted alkanolamine salts of halophenols. G. H. Coleman. 2,382,976; Aug. 21.
N-hydrocarbon substituted alkanolamine salts of dinitrophenols. G. H. Coleman and F. B. Smith. 2,385,795; Oct. 2.
N,n'-di(amino) diamides of dicarboxylic acids as printing assistants. R. H. Kienle, C. A. Amick, and A. L. Peiker. 2,371,104; Mar. 6.
N-phosphono-phosphatoalkyl cyclic amines. J. G. McNally and J. B. Dickey. 2,381,071; Aug. 7.
N-sec-butyl-p-nitroaniline. H. Von Bramer and L. G. Davy. 2,388,886; Nov. 13.
N-substituted derivatives of 4,4'-diaminodiphenyl ether. H. Z. Lecher, R. P. Parker, and J. J. Denton. 2,385,088; Sept. 18.
N-sulphonylureas, Making. E. Haack. 2,385,571; Sept. 25.
Nail. A. W. Pfeffer. 2,376,936; May 29.
Nail and applying the same. L. W. Holmes. 2,373,311; Apr. 10.
Nail cleaning apparatus. W. Thompson. 2,390,011; Nov. 27.
Nail driving and countersinking apparatus, Hand. C. C. Peterson. 2,379,826; July 3.
Nail machine, Duplex head. R. A. Little and J. A. Rice. 2,381,171; Aug. 7.
Nail, Nonsplitting. E. J. Gair. 2,366,962; Jan. 9.
Nail polish drier. P. G. Simmons. 2,389,822; Nov. 27.
Nameplates and the like, Producing. R. J. Gregory. 2,367,939; Jan. 23.
Naphtha preparation, Solvent. T. W. Nelson, H. D. Noll, and T. P. Simpson. 2,376,501; May 22.
Naphthalic acids, Preparation of. J. Ogilvie and R. S. Wilder. 2,379,032; June 26.
Naphthas, Catalystic treatment of. J. C. Munday and E. E. Stahly. 2,367,365; Jan. 16.
Naphthenic acids, Purification of. W. E. McCorquodale, Jr. 2,391,729; Dec. 25.
Navigation device for aircraft, Dead reckoning. H. R. Hughes and S. A. Bell. 2,386,555; Oct. 9.
Navigation instrument. L. Burgess. 2,380,937; Aug. 7.
Navigation instrument. A. A. Jorgenson. 2,367,128; Jan. 9.
Navigation instrument. J. P. Putnam. 2,376,006; May 15
Navigation instrument. F. A. Reece. 2,367,431; Jan. 16.
Navigation instrument. C. Sadowsky. 2,377,905; June 12.
Navigation instrumentality. A. R. and R. C. Morley. 2,376,445; May 22.
Navigation plotting instrument. W. P. Odom. 2,372,288; Mar. 27.
Navigation trainer. M. Brann. 2,387,875; Oct. 30.
Navigational aid. G. S. Stanton. 2,390,622; Dec. 11.
Navigational apparatus. E. O. Schweitzer, Jr. 2,384,348; Sept. 4.
Navigational instrument. H. W. Slauson. 2,371,714; Mar. 20.
Navigational method and apparatus. J. Neufeld. 2,390,383; Dec. 4.
Navigational training aid. J. V. Horr. 2,373,959; Apr. 17.
Necktie. G. F. Pinsuti. 2,385,726; Sept. 25.
Necktie. A. F. Taborski. 2,391,655; Dec. 25.
Necktie and lining therefor. M. Kleinmann. 2,370,670; Mar. 6.
Necktie holder. W. H. Quin. 2,384,694; Sept. 11.
Necktie shaper and former. R. Dennett. 2,375,405; May 8.
Necktie support. A. London. 2,382,430; Aug. 14.
Neckties, Manufacturing. J. Weisbaum. 2,378,671; June 19.
Neckwear. H. Davis. 2,369,442; Feb. 13.
Neckwear, Man's. H. Pfau. 2,388,993; Nov. 13.
Necking-in machine, Can body. J. F. Peters. 2,380,462; July 31.
Needle and making same, Felting. E. P. Foster. 2,391,560; Dec. 25.
Needle control and an electrically operated stop motion for warping or beaming plants, Drop. F. Lambach and W. Siegel. 2,389,625; Nov. 27.
Needle grinder, Hypodermic. E. G. Mascarenhas. 2,389,069; Nov. 13.
Needle, Hand knitting. H. Fosse, J. Palou, and L. Lacombe. 2,378,544; June 19.
Needle, Knitting. E. C. Amidon. 2,371,598; Mar. 20.
Needle roller construction. S. B. Thomas. 2,368,175; Jan. 30.
Needle stitching mechanism, Multiple. V. J. Sigoda. 2,369,183; Feb. 13.
Needle, Surgical. P. P. Goland and C. R. Drew. 2,389,355; Nov. 20.
Needle threader. J. C. Lounsbury. 2,382,079; Aug. 14.
Needle valve. W. J. Jacobsson and C. C. Anthes. 2,370,245; Feb. 27.
Needles, Cooling sewing machine. A. Albero. 2,373,734; Apr. 17.
Negative, Photomechanical. B. Rudnick. 2,383,566; Aug. 28.
Negative resistance apparatus, Keyed multifrequency. A. C. Schroeder. 2,389,004; Nov. 13.
Negatives for line reproduction, Making. B. Rudnick. 2,383,567; Aug. 28.
Neoprene dispersions by means of magnesium salts, Coagulating. A. S. Carter and T. G. Webber. 2,385,688; Sept. 25.
Neoprene, Plasticizing. L. H. Howland. 2,382,792; Aug. 14.
Nerve testing machine. G. P. Mahoney. 2,373,487; Apr. 10.
Nested furniture leg support. C. A. Nichthauser. 2,366,867; Jan. 9.
Net, Crab. H. C. Kramer. 2,382,319; Aug. 14.
Net, Folding fish. T. A. Finn. 2,384,162; Sept. 4.
Net, Hair. L. D. Després. 2,388,957; Nov. 13.
Network, Adjustable. F. E. Fischer. 2,381,733; Aug. 7.
Network, Audio transmission. R. L. Hollingsworth. 2,379,714; July 3.
Network, Radio frequency coupling. G. W. Klingaman. 2,390,839; Dec. 11.
New compound. J. G. Lichty. 2,371,766; Mar. 20.
Newspaper vending machine. D. D. Cameron. 2,366,592; Jan. 2.
Nibbler. L. W. Russell. 2,385,587; Sept. 25.
Nibbler attachment for power machines. B. F. Schmidt. 2,387,411; Oct. 23.
Nibbling tool. F. P. Forss. 2,376,590; May 22.
Nickel, Anodically polishing. C. L. Faust. 2,366,713; Jan. 9.
Nickel, Electrolytic deposition of. P. L. Amundsen. 2,371,123; Mar. 13.
Nickel with organic sulphones, Reacting. R. Mozingo. 2,367,642; Mar. 20.
Nipper feed mechanism. F. L. Crockett. 2,378,465; June 19.
Nipper system, Comber. F. L. Crockett. 2,384,603; Sept. 11.
Nipple for nursing bottles, Corrective. R. E. Ramaker. 2,366,214; Jan. 2.
Nipple, Noncollapsible. E. L. Younkins. 2,390,861; Dec. 11.
Nipple, Nursing. H. Heilborn. 2,388,915; Nov. 13.
Nipple piercing needle for nurseries. R. Stone and A. R. Levine. 2,382,032; Aug. 14.
Nitrates of cellulose or nitrates of other alcohols like starch, Continuous production and stabilization of. E. Berl. 2,384,415; Sept. 4.
Nitration of aromatic compounds. J. R. Mares. 2,370,558; Feb. 27.
Nitration process. M. F. Acken and J. C. Vyverberg, Jr. 2,370,437; Feb. 27.
Nitration process. J. B. Castner. 2,385,128; Sept. 18.
Nitration products of monoazo dyestuffs. F. Felix and W. Zurcher. 2,387,988; Oct. 30.
Nitric oxide, Preparation of. M. H. Wahl. 2,382,189; Aug. 14.
Nitriding hardening treatment. W. C. Troy. 2,367,978; Jan. 23.
Nitriles, Alkoxy. J. G. Lichty. 2,384,106; Sept. 4.
Nitriles, Dehydration of. J. W. Teter and W. J. Merwin. 2,388,507; Nov. 6.
Nitriles, Dehydrogenation of aliphatic. Le R. W. Spence and F. O. Haas. 2,385,552; Sept. 25.
Nitriles, Isomerization of unsaturated. J. E. Mahan. 2,384,630; Sept. 11.
Nitriles, Manufacture of. K. E. Marple, T. W. Evans, and B. Borders. 2,375,016; May 1.
Nitriles, Preparation of. D. J. Loder and W. M. Bruner. 2,369,061; Feb. 6.
Nitriles, Preparation of unsaturated. F. E. Kung. 2,373,190; Apr. 10.
Nitriles, Production of unsaturated. Le R. W. Spence. 2,385,550; Sept. 25.
Nitriles, Purification of. J. W. Teter. 2,388,506; Nov. 6.
Nitriles, Stabilization of unsaturated. K. E. Marple and B. Borders. 2,375,015; May 1.
Nitroalkanes, Beta-carbamylethyl. H. A. Bruson. 2,370,142; Feb. 27.
Nitro amines and preparing same. M. Senkus. 2,381,408; Aug. 7.
Nitro B_{2}-1: B_{2}-1'-dibenzanthronyls, Preparing. C. E. Carr. 2,374,328; Apr. 24.
Nitrocellulose dope, Treatment of. L. C. Amberson. 2,369,200; Feb. 13.
Nitrocellulose, Production of. R. L. Stern. 2,366,880; Jan. 9.
Nitrocellulose, Stabilizing of. D. B. Swan and J. M. Calhoun. 2,378,594; June 19.
Nitrocellulose, Treatment of. R. W. Cairns and R. L. Stern. 2,382,130; Aug. 14.

Nitro compounds to amines by means of aliphatic hydrocarbons, Reduction of. J. B. Castner and W. E. Lawson. 2,377,071; May 29.
Nitrodichloro-xylene compositions. B. S. Biggs, A. H. White, and W. A. Yager. 2,374,973; May 1.
Nitroethylene, Production of. A. E. W. Smith, R. H. Stanley, and C. W. Scaife. 2,385,111; Sept. 18.
Nitrogen compounds, Manufacture of organic. A. E. W. Smith. 2,384,047; Sept. 4.
Nitrogen compounds, Manufacture of organic. A. E. W. Smith and C. W. Scaife. 2,384,048; Sept. 4.
Nitrogen-containing resins exchanging anions in fluid media. P. I. Bowman and H. Burrell. 2,388,235; Nov. 6.
Nitrogen derivatives of benzyl sulphonic acids. G. Dougherty and R. H. Barth. 2,373,299; Apr. 10.
Nitrogenous condensation products of alkylene imines. H. Ulrich. 2,382,185; Aug. 14.
Nitrogenous organic compounds, and making same. A. W. Burwell. 2,373,938; Apr. 17.
Nitrogenous organic compounds and making same. A. W. Burwell and J. A. Camelford. 2,378,880; June 19.
Nitrogenous organic compounds and their application. N. W. Cusa, C. E. Salkeld, and E. E. Walker. 2,369,776; Feb. 20.
Nitrogenous products from organic wastes, Recovery of. A. R. Nees and A. N. Bennett. 2,375,165; May 1.
Nitroguanidine, Neutralizing crude. K. D. Ashley. 2,384,446; Sept. 11.
Nitrohydroxy compounds, Esters of. H. B. Hass and B. M. Vanderbilt. 2,374,484; Apr. 24.
Nitroparaffins, Production of. N. Levy. 2,382,241; Aug. 14.
Nitroso beta naphthol composition. V. L. King and H. P. Orem. 2,391,837; Dec. 25.
Nitrosyl chloride, Manufacture and use of. J. J. Grebe, W. C. Bauman and H. A. Robinson. 2,366,518; Jan. 2.
Nitrotoluene, Top separation of. M. H. Carl. 2,383,707; Aug. 28.
Nitrourea product. L. A. Burrows, W. C. Holmes, and C. P. Spaeth. 2,376,474; May 22.
Noisemaking device. T. Gile. 2,379,143; June 26.
Noise suppressor, Background. G. F. Devine. 2,369,952; Feb. 20.
Noiseless vacuum cleaner. L. B. Williams. 2,378,347; June 12.
Nonbacklash device for fishing reels. R. B. Muffett. 2,384,561; Sept. 11.
Nonferrous materials, Smelting of. L. S. Deitz, Jr., and W. H. Jacobson. 2,369,029; Feb. 6.
Nonferrous materials, Treating of. L. S. Deitz, Jr. 2,369,028; Feb. 6.
Non-luminous cigarette holder. W. L. Jackson. 2,372,277; Mar. 27.
Nonmicrophonic tube. P. L. Spencer. 2,366,220; Jan. 2.
Nonoverfill device. L. L. Drown. 2,375,406; May 8.
Nonraveling edge, reinforcing rib of joint structure for knitted metallic mesh fabrics and producing same. O. H. York. 2,390,200; Dec. 4.
Nonrefillable container. L. F. Mariño. 2,366,864; Jan. 9.
Nonscalloping bimetallic sheet metal, Making substantially. W. L. Keene and W. A. Carlson. 2,388,694; Nov. 13.
Nonskid chain. D. S. Kennedy. 2,374,355; Apr. 24.
Nonsladding device. T. Malmqvist. 2,383,267; Aug. 21.
Nonthrusting pipe expansion joint. L. J. Weber. 2,373,280; Apr. 10.
Norendomethylene hexahydrofluorenyl alcohol. H. A. Bruson. 2,385,789; Oct. 2.
Normalizing mechanism for calculating machines, Automatic. H. M. Dustin and H. T. Avery. 2,377,767; June 5.
Norpolycyclopentadiene monohydrohalides. H. A. Bruson. 2,382,037; Aug. 14.
Nose board for Axminster rugs. S. N. McCaslin and A. Lamb. 2,384,322; Sept. 4.
Notching machine. C. E. Fraser. 2,377,139; May 29.
Note-book leaf elevating and turning device. J. C. White. 2,370,338; Feb. 27.
Note producing system in saxophones, High. V. Incagnoli. 2,382,880; Aug. 14.
Novelty and initial cutting machine. F. Braunberger. 2,369,941; Feb. 20.
Novelty device. J. Dowling. 2,378,755; June 19.
Nozzle. T. W. Burnam. 2,383,433; Aug. 21.
Nozzle. J. A. Heany. 2,379,432; July 3.
Nozzle. F. E. James. 2,366,264; Jan. 2.
Nozzle. W. B. Johnson. 2,370,668; Mar. 6.
Nozzle. M. J. Smith. 2,373,353; Apr. 10.
Nozzle. L. G. M. Timpson. 2,388,508; Nov. 6.
Nozzle, Adjustable. W. J. Caldwell. 2,373,741; Apr. 17.
Nozzle, Atomizing. W. L. Wilmes, J. W. Baur, and E. Gustafsson. 2,378,348; June 12.
Nozzle, Blowpipe. R. S. Babcock. 2,376,413; May 22.
Nozzle, Blowpipe. R. S. Babcock. 2,380,570; July 31.
Nozzle, Car unloader. P. R. Hornbrook. 2,378,553; June 19.
Nozzle, Combination valve. W. H. Leinweber. 2,388,334; Nov. 6.
Nozzle, Exhaust. P. J. Campbell. 2,372,058; Mar. 20.
Nozzle fitting, Right-left. C. Hollerith. 2,389,977; Nov. 27.
Nozzle, Fluid discharge. B. E. Folke. 2,373,555; Apr. 10.
Nozzle, Fluid discharge. T. G. McDougal. 2,371,533; Mar. 13.
Nozzle for fuel injection systems. E. M. Purdy and W. T. Tabb. 2,375,492; May 8.
Nozzle for pressure-operated containers. H. Bühler and E. Müller. 2,378,061; June 12.
Nozzle for vacuum cleaners, Suction. R. L. Hallock. 2,377,778; June 5.
Nozzle for vaporizing burners, Regulating. C. B. Holm. 2,380,759; July 31.
Nozzle for watering cans. J. Zvolanek. 2,372,466; Mar. 27.
Nozzle, Four-way. J. C. Schellin, E. J. Housekeeper, and W. H. Brubaker. 2,389,642; Nov. 27.
Nozzle, Fuel. L. G. Parker. 2,369,174; Feb. 13.
Nozzle, Fuel injection. W. T. Tabb and E. M. Purdy. 2,376,292; May 15.
Nozzle, Fuel injector. L. O. French. 2,370,155; Feb. 27.
Nozzle, Gas turbine. A. Howard. 2,378,771; June 19.
Nozzle, High-pressure mixing. L. L. Tirrell. 2,369,326; Feb. 13.
Nozzle, Jet. R. W. Wilson. 2,382,688; Aug. 14.
Nozzle, Locomotive exhaust. J. W. Hulson. 2,389,980; Nov. 27.
Nozzle, Rotor operated washing. W. D. Yerrick and J. C. Vickland. 2,379,506; July 3.
Nozzle, Sandblasting. T. Sorrentino. 2,376,287; May 15.
Nozzle, Signaling. F. P. Scully. 2,391,040; Dec. 18.
Nozzle, Spray. J. G. De Flon. 2,375,528; May 8.
Nozzle, Spray. H. S. Garabedian. 2,380,513; July 31.
Nozzle, Spray. H. H. Hobbs and W. A. Zaloudek. 2,389,053; Nov. 13.
Nozzle, Spray. S. D. Lapham. 2,370,975; Mar. 6.
Nozzle, Spray. D. J. Peeps. 2,373,595; Apr. 10.
Nozzles, Making blowpipe. P. R. Aronson. 2,383,949; Sept. 4.
Nozzles, Making fluid discharge. T. G. McDougal. 2,371,532; Mar. 13.
Nozzles, Making spinning. B. Wempe. 2,376,742; May 22.
Nozzles, Protection of chilling. F. E. Jameson. 2,367,029; Jan. 9.
Nuclear methylation of aromatic amines. A. Burawoy. 2,367,713; Jan. 23.
Nursing bottle holder. J. W. Boate. 2,381,201; Aug. 7.
Nursing bottle holder. M. E. Elzeer. 2,386,042; Oct. 2.
Nursing bottle holder. F. Nickelson. 2,391,264; Dec. 18.
Nursing bottle holder. F. Plain. 2,366,931; Jan. 9.
Nursing unit. H. H. Ganson. 2,387,573; Oct. 23.
Nut. J. P. Burke. 2,367,659; Jan. 23.
Nut. H. G. Dawson. 2,386,197; Oct. 9.
Nut. M. Schmidt and K. Gmöhling. 2,371,927; Mar. 20.
Nut. P. Schüttler. 2,382,748; Aug. 14.
Nut. C. A. Swanstrom. 2,385,851; Oct. 2.
Nut, Anchor. R. C. Huntoon. 2,385,991; Oct. 2.
Nut, Anchor. R. W. Luce. 2,389,989; Nov. 27.
Nut and blank therefor, Lock. L. J. Wesley. 2,378,609–10; June 19.
Nut and bolt cap. A. H. Boelter. 2,383,703; Aug. 28.
Nut and manufacture thereof, Flanged. R. M. Ellis and D. C. Hungerford. 2,372,772; Apr. 3.
Nut and nut installation. H. J. Murphy. 2,382,942; Aug. 14.
Nut and nut plate, Lock. C. C. Misfeldt. 2,381,176; Aug. 7.
Nut and wrench combination, Theft resisting. L. J. Golan. 2,372,269; Mar. 27.
Nut assembler, Lock. L. F. Glaude. 2,389,902; Nov. 27.
Nut construction, Divided. M. J. Shaffrey. 2,377,581; June 5.
Nutcracker. J. Jackson. 2,378,084; June 12.
Nutcracker. C. E. Potter. 2,377,369; June 5.
Nutcracker. H. D. Via. 2,379,121; June 26.
Nutcracker. G. F. Voight. 2,385,556; Sept. 25.
Nut cracking device. K. M. Jones. 2,381,288; Aug. 7.
Nut device, Tension. W. H. Churchill. 2,389,122; Nov. 20.
Nut, Expansion. B. Gay and R. K. Skinner. 2,377,077; May 29.
Nut, Fastening. J. C. Lang. 2,389,261; Nov. 20.
Nut, Flanged. O. Haas. 2,387,257; Oct. 23.
Nut, Floating. V. L. Darby. 2,384,729; Sept. 11.
Nut for ear ornaments. G. A. Armstrong. 2,373,002; Apr. 3.
Nut for flanged tubing conduits, Coupling. I. Cowles. 2,389,233; Nov. 20.
Nut for quick attachment. R. E. Beswick. 2,367,480; Jan. 16.
Nut grinding machine. J. C. V. Richardson. 2,389,816; Nov. 27.
Nut holder. P. Veney. 2,387,545; Oct. 23.
Nut, Internal lock. F. Le B. Lord. 2,388,272; Nov. 6.
Nutlock. E. C. Anderton. 2,383,231; Aug. 21.
Nut, Lock. C. F. Carlstrom. 2,378,684; June 19.
Nut, Lock. E. F. Chandler. 2,381,110; Aug. 7.
Nut, Lock. H. F. Clayson. 2,381,206; Aug. 7.
Nut, Lock. J. A. Davis. 2,372,884; Apr. 3.
Nut, Lock. J. F. Ebert. 2,377,678; June 5.
Nut, lock. O. Egert. 2,379,794; July 3.
Nut, Lock. R. E. Eggert. 2,389,892; July 10.
Nut lock. H. J. Gallagher. 2,384,908; Sept. 18.
Nut, Lock. E. R. Henningsen. 2,373,473; Apr. 10.
Nut, Lock. R. C. Manning. 2,389,377; Nov. 20.
Nut, Lock. E. A. Miller. 2,377,168; May 29.

Nut, Lock. R. L. Park. 2,389,634; Nov. 27.
Nut, Lock. W. C. Peters. 2,385,159; Sept. 18.
Nut, Lock. G. E. R. Selah. 2,377,186; May 29.
Nut, Lock. L. Tarwater and W. R. McKensie. 2,391,279; Dec. 18.
Nut, Lock. C. D. Tripp. 2,385,390; Sept. 25.
Nut, Lock. R. F. Warren, Jr. 2,390,759; Dec. 11.
Nut, Lock. F. V. Whyland. 2,387,375; Oct. 23.
Nut, Mechanical. C. D. Ryder. 2,383,164; Aug. 21.
Nut, Nonloosening safety. G. V. Glumer. 2,376,768; May 22.
Nut, One-piece self-locking. W. M. Perry. 2,390,662; Dec. 11.
Nut or bolt, Self-locking. E. W. Pummill. 2,380,994; Aug. 7.
Nut or the like and blank therefor. V. V. Mason. 2,385,927; Oct. 2.
Nut, Self-locking. E. F. Chandler. 2,381,111; Aug. 7.
Nut, Self-locking. H. J. Colman. 2,367,929; Jan. 23.
Nut, Self-locking. C. B. Gwyn. 2,383,545; Aug. 28.
Nut, Self-locking. J. R. Hotchkin. 2,381,352; Aug. 7.
Nut, Self-locking. C. H. Ineson. 2,391,421; Dec. 25.
Nut, Self-locking. R. J. Miller. 2,384,953; Sept. 18.
Nut, Self-locking. F. R. Reutter. 2,391,643; Dec. 25.
Nut, Self-locking. E. R. Robertson. 2,375,325; May 8.
Nut, Self-locking. O. K. Simmonds. 2,374,241; Apr. 24.
Nut, Self locking coupling. K. A. Swanstrom. 2,385,953; Oct. 2.
Nut, Sheet metal. H. B. Muster. 2,391,031; Dec. 18.
Nut sheller. R. D. York. 2,376,469; May 22.
Nut, Spring. G. W. Plumb. 2,383,211; Aug. 21.
Nut, Stamped lock. H. J. Le Vesconte. 2,385,821; Oct. 2.
Nut, Stop. E. M. Giles. 2,386,307; Oct. 9.
Nut structure. J. E. Duggan. 2,372,888; Apr. 3.
Nut structure, Self-locking. J. E. Duggan. 2,372,889; Apr. 3.
Nut-supporting device. J. F. Ebert. 2,385,777; Oct. 2.
Nut, Union tube connection locking. W. J. Johnson. 2,390,103; Dec. 4.
Nut unit, Flanged lock. F. Le B. Lord. 2,388,271; Nov. 6.
Nut unit, Lock. F. Le B. Lord. 2,388,270; Nov. 6.
Nut, Wing. A. E. Maage, Jr. 2,383,141; Aug. 21.
Nuts from punched blanks, Making grip. E. J. Cole. 2,388,467; Nov. 6.
Nuts, Making self-locking. R. D. King and N. F. Wood. 2,391,712; Dec. 25.
Nutritional and therapeutic concentrates, Preparation of. M. J. Stacom. 2,374,047; Apr. 17.
Nutritional preparations and process. A. D. Welch and L. D. Wright. 2,391,850; Dec. 25.
Nylon, Dyeing. D. E. Kvalnes and B. G. Carson. 2,374,106; Apr. 17.
Nylon for modifying its dyeing affinity, Treatment of. J. H. MacGregor. 2,371,536; Mar. 13.
Nylon, Printing. C. F. Miller. 2,368,940; Feb. 6.
Oarlock. E. J. Slizewski. 2,377,724; June 5.
Object controlling means. M. F. Bates. 2,368,628; Feb. 6.
Object-locating system, Automatically operated. A. Korn, J. W. Hess, and S. L. Ruskin. 2,391,633; Dec. 25.
Objects, Joining. C. O. Davis. 2,367,206; Jan. 16.
Objective for reflex sight. W. Schade. 2,384,643; Sept. 11.
Objective, Rapid. G. H. Aklin. 2,391,114; Dec. 18.
Oblique junction-plane rail joint. M. Cipolla. 2,375,523; May 8.
Observation device. E. F. Flint. 2,384,540; Sept. 11.
Observation instrument, Binocular. J. W. French. 2,387,838; Oct. 30.
Obstruction warning device. E. E. Frazier. 2,382,557; Aug. 14.
Octafluorocyclobutane and pyrolytic process for its production. F. B. Downing, A. F. Benning, and R. C. McHarness. 2,384,821; Sept. 18.
Ocular tube. W. Bausch. 2,381,101; Aug. 7.
Odors, Inhibiting. D. Topjian. 2,387,957; Oct. 30.
Office cabinet. A. Allen. 2,373,217; Apr. 10.
Offset gun sight. H. O. Eiane. 2,367,762; Jan. 23.
Offsetting mechanism. A. B. Cadman. 2,381,105; Aug. 7.
Ohmic resistances, High. A. G. Clarke. 2,371,379; Mar. 13.
Oil and for producing soap, Refining. B. Clayton. 2,390,990; Dec. 18.
Oil and gas separator. W. P. Munk. 2,386,564; Oct. 9.
Oil and making same, Selectively hydrogenated tall. J. A. V. Turck, Jr., and J. Ross. 2,389,284; Nov. 20.
Oil and plastic compositions containing the same, Oxidized soybean. E. Miller. 2,374,692; May 1.
Oil and preparing the same, Compounded. P. M. Ruedrich. 2,367,435; Jan. 16.
Oil and producing same, Soluble. C. A. Cohen. 2,388,677; Nov. 13.
Oil, Artificial drying. -W. H. Lycan and J. L. Eyre. 2,373,250; Apr. 10.
Oil, Aviation lubricating. J. R. Griffin, Jr., and P. R. Van Ess. 2,375,222; May 8.
Oil beneficiation, Mineral. E. C. Hughes and W. E. Scovill. 2,381,907; Aug. 14.
Oil burner. N. A. Arvins and A. A. Arvintz. 2,375,884; May 15.
Oil burner. C. E. Beyer. 2,382,463; Aug. 14.
Oil burner. J. Bilan. 2,374,799; May 1.
Oil burner. D. C. Breault. 2,381,803; Aug. 7.
Oil burner. B. F. Castle. 2,389,892; Nov. 27.
Oil burner. B. F. Castle and W. W. Wodell. 2,375,347; May 8.
Oil burner. J. C. Cleaver and J. V. Resek. 2,390,056; Dec. 4.
Oil burner. J. S. Daniels. 2,388,254; Nov. 6.
Oil burner. H. B. Hager. 2,391,567; Dec. 25.
Oil burner. C. Happe. 2,368,356; Jan. 30.
Oil burner. J. R. Hawley. 2,375,649; May 8.
Oil burner. C. A. Miller. 2,391,585; Dec. 25.
Oil burner. F. M. Owen. 2,369,367; Feb. 13.
Oil-burner construction. G. I. Carter. 2,390,500; Dec. 11.
Oil burner fuel control. W. O. Behrens. 2,378,379; June 19.
Oil burner ignition means. F. H. Schneider. 2,373,266; Apr. 10.
Oil burning system. T. Nagel. 2,390,806; Dec. 11.
Oil, Coal spray. W. Gray. 2,383,543; Aug. 28.
Oil, Coking hydrocarbon. H. Wilson. 2,380,713; July 31.
Oil component separation, Tall. A. L. Osterhof. 2,372,446; Mar. 27.
Oil components separation, Tall. E. Ott. 2,379,986; July 10.
Oil composition and improving agent therefor, Mineral. D. E. Badertscher, R. H. Williams, and H. G. Berger. 2,373,286; Apr. 10.
Oil composition, Lubricating. M. T. Flaxman. 2,385,697; Sept. 25.
Oil composition, Lubricating. A. H. Gleason. 2,380,304; July 10.
Oil composition, Lubricating. A. H. Gleason. 2,380,305; July 10.
Oil composition, Lubricating. F. L. Johnston. 2,372,955; Apr. 3.
Oil composition, Lubricating. J. G. McNab, C. J. Wilson, and C. Winning. 2,391,099; Dec. 18.
Oil composition, Lubricating. P. R. Van Ess and E. R. White. 2,380,205; July 10.
Oil composition, Mineral. H. G. Berger, T. T. Noland, and E. W. Fuller. 2,373,094; Apr. 10.
Oil composition, Mineral. R. F. McCleary. 2,369,908; Feb. 20.
Oil composition, Mineral. R. C. Moran, R. E. Meyer, R. P. Otto, and E. A. Oberright. 2,383,494; Aug. 28.
Oil composition, Mineral. F. P. Otto and R. E. Meyer. 2,383,497; Aug. 28.
Oil composition, Mineral. F. P. Otto, R. E. Meyer, and R. C. Moran. 2,383,498; Aug. 28.
Oil composition, Mineral. H. E. Redman and E. W. Fuller. 2,383,510; Aug. 28.
Oil composition, Mineral. O. M. Reiff. 2,366,873; Jan. 9.
Oil composition, Mineral. H. G. Smith and T. L. Cantrell. 2,371,853–4; Mar. 20.
Oil compositions and making the same, Lubricating. H. G. Smith and T. L. Cantrell. 2,371,851; Mar. 20.
Oil compositions, Lubricating. P. R. Van Ess and E. R. White. 2,377,909; June 12.
Oil compositions, Slushing. G. W. Duncan. 2,382,699; Aug. 14.
Oil, Compounded. G. L. Neely and F. W. Kavanagh. 2,367,470; Jan. 16.
Oil, Compounded hydrocarbon. F. W. Kavanagh, B. B. Farrington, and J. O. Clayton. 2,390,943; Dec. 11.
Oil. Compounded lubricating. L. T. Eby. 2,382,700; Aug. 14.
Oil, Compounded lubricating. P. R. Van Ess and R. F. Bergstrom. 2,372,411; Mar. 27.
Oil, Compounded mineral. R. G. Larsen and E. W. Zublin. 2,372,588; Mar. 27.
Oil constituents, Making lubricating. F. E. Frey. 2,378,763; June 19.
Oil container. La V. E. Cheyney and H. J. Osterhof. 2,385,532; Sept. 25.
Oil control device. R. W. Johnson and J. Miller. 2,369,739; Feb. 20.
Oil, Conversion of hydrocarbon. E. C. Lee. 2,382,239; Aug. 14.
Oil cooler having viscosity controlled shutter valve. S. K. Andersen. 2,366,586. Jan. 2.
Oil cooler, Internal combustion engine. J. C. Shaw. 2,376,198; May 15.
Oil cooler tube. A. B. Arnold. 2,373,218; Apr. 10.
Oil cooling device. C. H. Gill. 2,384,248; Sept. 4.
Oil, Core. J. N. Borglin. 2,387,827; Oct. 30.
Oil, Cracking crude hydrocarbon. P. E. Kuhl. 2,384,315; Sept. 4.
Oil cracking process, Mineral. J. H. James. 2,370,541; Feb. 27.
Oil-cracking retorts, Operating. R. M. Chatterton, and W. C. Slade. 2,377,993; June 12.
Oil cup. W. E. Cutler. 2,377,543; June 5.
Oil, Cutting. L. R. Raymond. 2,388,439; Nov. 6.
Oil, Diesel engine lubricating. V. N. Jenkins. 2,366,191; Jan. 2.
Oil dilution system. N. D. Owen. 2,373,142; Apr. 10.
Oil emulsion separating. R. E. Welch. 2,366,302; Jan. 2.
Oil filter. M. Katcher. 2,390,539; Dec. 11.
Oil filter. R. Y. Kopf. 2,391,318; Dec. 18.
Oil for the purpose of removing metal ions, Refining hydrocarbon. H. G. Schutze. 2,375,694; May 8.
Oil, Fractionation of tall. A. W. Hixson and R. Miller. 2,388,412; Nov. 6.
Oil from avocados, Extracting. H. T. Love. 2,383,398; Aug. 21.

Oil from contact clay, Recovery of. J. L. Walker. 2,378,813; June 19.
Oil from oil-bearing materials, Producing. C. W. Kaufman. 2,380,847; July 31.
Oil from oil fields, Recovery of. M. Muskat. 2,385,298; Sept. 18.
Oil from seeds, Continuous solvent extraction of. P. A. Singer and H. J. Deobald. 2,377,976; June 12.
Oil from seeds, Solvent extraction of. P. A. Singer and H. J. Deobald. 2,377,975; June 12.
Oil from water, Removing. S. Tymstra and T. K. Miles 2,367,384; Jan. 16.
Oil heater. C. S. Reed. 2,370,996; Mar. 6.
Oil heater. H. M. Reeves. 2,377,901; June 12.
Oil, Hydrocarbon. M. A. Dietrich. 2,370,943; Mar. 6.
Oil, Hydrogenation of tall. R. G. Dressler and R. E. Vivian. 2,369,446; Feb. 13.
Oil in water dispersions. L. Auer. 2,382,533; Aug. 14.
Oil, Increasing cetane number of fuel. G. R. Gilbert. 2,390,296; Dec. 4.
Oil, Lubricating. E. Arnott. 2,378,820; June 19.
Oil, Lubricating. C. M. Blair, Jr. 2,375,516; May 8.
Oil, Lubricating. C. M. Blair, Jr. 2,384,595; Sept. 11.
Oil, Lubricating. E. A. Evans and J. S. Elliott. 2,388,047; Oct. 30.
Oil, Lubricating. B. H. Lincoln and G. D. Byrkit. 2,369,150; Feb. 13.
Oil, Lubricating. B. H. Lincoln and G. D. Byrkit. 2,380,454; July 31.
Oil, Lubricating. J. R. Morris and R. F. McCleary. 2,374,559; Apr. 24.
Oil, Lubricating. C. C. Towne. 2,366,817; Jan. 9.
Oil, Lubricating and penetrating. J. B. Calva. 2,389,608; Nov. 27.
Oil manufacture, Lubricating. F. C. McCoy and C. C. Towne. 2,367,362; Jan. 16.
Oil of internal-combustion engines, Treating lubricating. J. B. Clark and H. P. Pierce. 2,376,418; May 22.
Oil or fat containing material for the recovery of oil or fat therefrom, Treatment of. J. C. Kernot. 2,368,028; Jan. 23.
Oil-phosphatide composition. P. L. Julian and E. W. Meyer. 2,374,682; May 1.
Oil, Producing. C. E. Reistle, Jr. 2,368,424; Jan. 30.
Oil, Producing. G. G. Wrightsman and S. E. Buckley. 2,378,817; June 19.
Oil producing sands, Treatment of. P. H. Jones and M. T. Flaxman. 2,369,831; Feb. 20.
Oil, Production of. W. G. Eris. 2,380,639; July 31.
Oil, Production of synthetic lubricating. J. A. Reid. 2,377,266; May 29.
Oil products and making, Drying. F. B. Root. 2,374,381; Apr. 24.
Oil products and making the same, Condensed halogenated tall. E. Lieber. 2,389,203; Nov. 20.
Oil pump. C. W. Ginter. 2,390,832; Dec. 11.
Oil, Purification of tall. A. Pollak and T. A. Willingham. 2,374,700; May 1.
Oil purifier. J. K. Russell, W. B. Collins, and W. W. Boggs. 2,369,857; Feb. 20.
Oil purifier, Crankcase. H. H. Cannon. 2,379,864; July 10.
Oil purifiers, Crude. F. A. Kent and C. W. Patrick. 2,378,776; June 19.
Oil purifying and cooling system. J. J. Serrell. 2,373,349; Apr. 10.
Oil reclaiming device. A. A. Braun. 2,377,988; June 12.
Oil, Refining hydrocarbon. H. Schindler. 2,367,803; Jan. 23.
Oil, Refining of coke-oven light. B. J. C. van der Hoeven and J. W. Ubroe. 2,389,172; Nov. 20.
Oil, Refining of hydrocarbon. J. D. Danforth. 2,373,227; Apr. 10.
Oil, Refining tall. J. N. Borglin. 2,374,975; May 1.
Oil resistant thermoplastic and making. D. J. Beaver. 2,382,462; Aug. 14.
Oil ring. D. P. Lower. 2,386,963; Oct. 16.
Oil screen. M. A. Mieras. 2,372,286; Mar. 27.
Oilseeds, Treatment of. A. M. Altschul and M. L. Karon. 2,376,568; May 22.
Oilseeds, Treatment of. A. M. Altschul and M. L. Karon. 2,376,852; May 22.
Oil seal construction. S. M. Lillis. 2,367,411; Jan. 16.
Oil seal puller. C. E. Patton. 2,380,068; July 10.
Oil, Secondary recovery of. R. Cross. 2,386,036; Oct. 2.
Oil separator. G. M. Walton. 2,391,208; Dec. 18.
Oil smoke generator. J. Tweeddale. 2,379,766; July 3.
Oil-soluble resins. V. H. Turkington and W. H. Butler. 2,375,964; May 15.
Oil soluble resins. L. R. Whiting. 2,374,316; Apr. 24.
Oil solubilizing compositions. T. R. Donlan and A. Gathman. 2,391,087; Dec. 18.
Oilstoning device for plane irons and chisel blades. J. A. Llorens. 2,370,908; Mar. 6.
Oil substitute and making the same, Drying. C. H. Bibb and R. C. Palmer. 2,388,947; Nov. 13.
Oil, Sweetening sour hydrocarbon. G. R. Gilbert. 2,369,558; Feb. 13.
Oil temperature control valve. L. T. Miller. 2,374,639; Apr. 24.
Oil temperature regulator. W. Worth. 2,373,157; Apr. 10.
Oil tight joint. J. Mercier. 2,390,445; Dec. 4.
Oil treater. W. B. Rhees. 2,386,061; Oct. 2.
Oil, Treating. H. C. Eddy. 2,387,250; Oct. 23.
Oil treating apparatus, Crude. G. E. Mawhirter. 2,374,944; May 1.
Oil treatment, Esterified tall. E. Segessemann. 2,373,979; Apr. 17.
Oil, Treatment of lubricating. F. E. Frey. 2,378,762; June 19.
Oil treatment, Tall. E. Segessemann. 2,373,978; Apr. 17.
Oil, Turbine. P. W. Fischer and V. N. Jenkins. 2,388,132; Oct. 30.
Oil vapors, Cracking of heavy. E. Hene. 2,371,992; Mar. 20.
Oil vehicle and process therefor, Floor covering drying. S. A. Cohen, C. D. Thurmond, and L. S. Read. 2,381,486; Aug. 7.
Oil washed air cleaner. W. W. Lowther. 2,387,278; Oct. 23.
Oil well apparatus. L. E. Denton. 2,378,469; June 19.
Oil well derrick structure. H. J. Woolslayer. 2,380,094; July 10.
Oil well packer. J. E. Munn. 2,367,733; Jan. 23.
Oil well pump. W. S. Crake. 2,383,934; Sept. 4.
Oil well pump. P. W. Jenson. 2,372,785; Apr. 3.
Oil well pump. L. B. Rowsey. 2,366,807; Jan. 9.
Oil well screen. K. A. Wright. 2,391,609; Dec. 25.
Oil well testing device. C. V. Millikan. 2,374,557; Apr. 24.
Oil wells, Treating. E. A. Stephenson. 2,377,529; June 5.
Oil wells, Treating. E. A. Stephenson. 2,387,361; Oct. 23.
Oil wells, Treatment of. E. E. Harton, Jr., and P. Lyon. 2,386,605; Oct. 9.
Oil wells, Treatment of. C. F. Reed. 2,370,421; Feb. 27.
Oil with metallic sodium, Refining of hydrocarbon. R. S. Vose. 2,385,431; Sept. 25.
Oils and vinyl compounds, Copolymerization of drying. L. H. Dunlap. 2,382,213; Aug. 14.
Oils, Catalytic conversion of hydrocarbon. W. A. Bailey, Jr., and B. S. Greensfelder. 2,375,725; May 8.
Oils, Conversion of hydrocarbon. A. V. Grosse and W. J. Mattox. 2,381,820; Aug. 7.
Oils, Conversion of hydrocarbon. E. H. McGrew. 2,377,092-3; May 29.
Oils, Conversion of hydrocarbon. W. M. Stratford. 2,382,270; Aug. 14.
Oils, Conversion of hydrocarbon. W. J. Sweeney. 2,387,309; Oct. 23.
Oils, Cracking of hydrocarbon. J. V. Marancik and H. Z. Martin. 2,385,216; Sept. 18.
Oils, Cracking of hydrocarbon. C. W. Tyson. 2,384,356; Sept. 4.
Oils, Cracking petroleum. H. E. Lonngren. 2,372,591; Mar. 27.
Oils, Cutting. E. C. Hughes. 2,386,952; Oct. 16.
Oils, Extracting constituents of mineral. E. M. Dons and O. G. Mauro. 2,390,429; Dec. 4.
Oils, Filtering lubricating. J. E. Hurn. 2,366,190; Jan. 2.
Oils, High iodine value. L. O. Buxton. 2,380,412; July 31.
Oils, Lubricating. E. W. Cook and W. D. Thomas, Jr. 2,369,632; Feb. 13.
Oils, Phosphated blown. J. G. McNally and J. B. Dickey. 2,386,250; Oct. 9.
Oils, Polymerization of. W. T. Hancock. 2,383,189; Aug. 21.
Oils, Processing hydrocarbon. E. V. Murphree, A. Voorhies, Jr., L. S. Bonnell, and L. S. Tregre. 2,380,897; July 31.
Oils produced in by-product coking of bituminous coal in order to obtain a water-soluble acid sludge, Treating light. J. H. Wells and P. J. Wilson, Jr. 2,376,644; May 22.
Oils, Producing high quality lubricating. B. K. Engel. 2,370,297; Feb. 27.
Oils, Producing white. C. M. Floyd and J. Fram. 2,384,905; Sept. 18.
Oils, Propane fractionation of heavy. J. T. Dickinson, O. Morfit, and J. van Orden. 2,367,671; Jan. 23.
Oils, Propane fractionation of heavy. J. T. Dickinson, H. P. Wickham, and O. Morfit. 2,383,535; Aug. 28.
Oils, Purification of hydrocarbon. C. T. Harding. 2,379,077; June 26.
Oils, Recovery of essential. J. A. Finley. 2,381,732; Aug. 7.
Oils, Refining aromatic. H. J. Hepp. 2,387,993; Oct. 30.
Oils, Refining of animal and vegetable. B. Clayton. 2,374,924; May 1.
Oils, Refining marine. L. O. Buxton. 2,380,411; July 31.
Oils, Refining mineral. B. R. Strickland. 2,375,596; May 8.
Oils, Refining of mineral. I. J. Staid and J. E. Murphy. 2,370,819; Mar. 6.
Oils, Refining petroleum. F. W. Breth and A. Kinsel. 2,390,917; Dec. 11.
Oils, Refining petroleum. A. P. Hewlett and G. E. Phillips. 2,391,091; Dec. 18.
Oils, Synthetic drying. T. F. Bradley. 2,378,827; June 19.
Oils, Synthetic drying. H. Burrell and P. I. Bowman. 2,390,202; Dec. 4.

Oils, Treating lubricating. J. H. and M. M. H. Bruun. 2,370,228; Feb. 27.
Oils, Treating marine. L. O. Buxton. 2,380,408; July 31.
Oils, Treating vulcanized. K. W. Posnansky. 2,384,491; Sept. 11.
Oils, Treatment of. R. L. Weeks and B. C. Belden 2,367,385; Jan. 16.
Oils, Treatment of animal and vegetable. L. O. Buxton. 2,380,413; July 31.
Oils, Treatment of drying. H. G. Berger, G. S. Crandall, and J. F. Socolofsky. 2,380,394; July 31.
Oils, Treatment of hydrocarbon. T. B. Hudson and J. O. Turner. 2,371,298; Mar. 13.
Oils, Treatment of hydrocarbon. W. A. Schulze. 2,366,936; Jan. 9.
Oils with a catalyst, Cracking. G. C. Connolly. 2,366,491; Jan. 2.
Olefin conversion. H. H. Voge. 2,388,510; Nov. 6.
Olefin isomerization process. S. H. McAllister. 2,379,731; July 3.
Olefin polymerization process. M. T. Carpenter and C. F. Feuchter. 2,374,272; Apr. 24.
Olefin polymers, Depolymerization of. L. U. Franklin and E. E. Dunlay. 2,383,642; Aug. 28.
Olefin poly-sulphide products, Modified. F. Vass. 2,374,963; May 1.
Olefin recovery process. W. A. Schulze. 2,382,505-6; Aug. 14.
Olefine polymers, Treating. B. H. Shoemaker and E. L. D'Ouville. 2,390,621; Dec. 11.
Olefinic compounds, Producing. M. W. Swaney and L. K. Beach. 2,376,205; May 15.
Olefinic hydrocarbons, Preparation of. H. O. Mottern. 2,388,929; Nov. 13.
Olefinic hydrocarbons, Recovery of. T. W. Evans. 2,379,696; July 3.
Olefins, Concentration of. E. R. Gilliland. 2,369,559; Feb. 13.
Olefins, Dehydrogenating. W. A. Schulze, J. C. Hillyer, and H. E. Drennan. 2,391,646; Dec. 25.
Olefins from alkyl halides, Preparing. H. E. Buc. 2,368,446; Jan. 30.
Olefins from hydrocarbon mixtures, Separation of tertiary. H. O. Mottern. 2,386,055; Oct. 2.
Olefins, Hydrogenation of. J. A. Reid. 2,376,086; May 15.
Olefins, Isomerization of. P. L. Cramer. 2,386,934; Oct. 16.
Olefins, Oxidizing. D. Gardner. 2,366,725; Jan. 9.
Olefins, Polymerizing. A. Clark and R. S. Shutt. 2,385,609; Sept. 25.
Olefins, Preparation of fluorinated. N. Lamb and W. C. Mast. 2,377,297; May 29.
Olefins, Recovery of. T. W. Evans, B. O. Blackburn, and J. R. Schelbli. 2,376,239; May 15.
Olefins to olefin oxides, Oxidizing. D. Gardner. 2,366,724; Jan. 9.
Olefins, Treatment of. D. Garduer. 2,367,169; Jan. 9.
Oleopneumatic storage device. J. Mercier. 2,387,598; Oct. 23.
Oleoresin, Refining and distilling. J. O. Reed. 2,377,183; May 29.
Oliving machine, Multiple jewel. P. N. Paroz and G. W. Grisdale, Jr. 2,389,537; Nov. 20.
1,4-dichloro-2-butene, Reaction products of. R. F. Taylor. 2,391,849; Dec. 25.
1 - (4-sulphamylphenyl) - 3 - (4-sulphamylphenylimino)-5-aryl-2-pyrrolidone. M. E. Hultquist. 2,379,639; July 3.
1-Methoxy-2-amino-4-nitro-5-methyl-benzene and making the same. M. S. Carpenter. 2,381,877; Aug. 14.
1-olefins to 2-olefins, Isomerization of. J. C. Hillyer. 2,387,994; Oct. 30.
1-phenoxy-3-hydroxy-propanones-(2) and their manufacture. A. Grün and W. Stoll. 2,374,283; Apr. 24.
1,3-dicyanoguanidine and preparation thereof. D. W. Kaiser and J. T. Thurston. 2,371,100; Mar. 6.
1,3-dioxolane modified organic products. D. J. Loder and W. F. Gresham. 2,366,737; Jan. 9.
1,3,5-triazinyl-(6)-aminophenyl-arsenic compounds, Substituted. E. A. H. Friedheim. 2,386,204; Oct. 9.
1,3,5-triazinyl-phenyl-sulphides carrying a metallic radical. E. A. H. Friedheim. 2,391,452; Dec. 25.
1:2 Alleylene imine condensation products. H. Ulrich. 2,368,082; Jan. 23.
1.2.3.4-tetrazole compounds, Manufacture of. J. D. Kendall. 2,386,869; Oct. 16.
One-way clutch. A. Y. Bodge and C. E. Swenson. 2,366,843; Jan. 9.
One-way clutch. A. Y. Dodge. 2,385,799; Oct. 2.
One-way clutch. A. Y. Dodge. 2,389,961; Nov. 27.
One-way clutch. C. E. Swenson. 2,386,013; Oct. 2.
One-way rotary clutch. J. Lund. 2,388,424; Nov. 6.
One-way snap fastener. O. J. Huelster. Re. 22,625-6; Apr. 3.
Opaque material, Method and apparatus for examining. D. G. C. Hare. 2,370,163; Feb. 27.
Open hearth furnace. R. Nissim. 2,386,565; Oct. 9.
Open refrigerated display case. J. R. Caulk, Jr. and R. E. Davis. 2,382,937; Aug. 14.
Open retaining ring. L. Brozek. 2,382,948; Aug. 14.
Opener and closer, Preserving jar. U. G. Densten. 2,387,651; Oct. 23.
Opener and dispenser, Box. W. E. Neilson, Jr., and C. C. Tinkey. 2,386,877; Oct. 16.
Opener, Can. F. K. Krag. 2,388,615; Nov. 6.
Opener, Can. M. A. Mirando. 2,391,732; Dec. 25.
Opener, Carton or box. C. T. Knudtson. 2,391,247; Dec. 18.
Opener, Letter. A. A. Kriewaldt. 2,388,695; Nov. 13.
Operating device for cameras. W. S. Kais. 2,371,524; Mar. 13.
Operating means, Die head. D. R. Powell and W. L. Moore. 2,387,290; Oct. 23.
Operating means for railway car doors. W. J. Tangerman. 2,369,323; Feb. 13.
Operating mechanism. W. C. Lesher. 2,372,503; Mar. 27.
Operating mechanism. H. J. Webb and G. E. Saunders. 2,387,960; Oct. 30.
Operation of printing machines, Method and mechanism for controlling the. E. L. Budden and W. C. Wieking. 2,389,891; Nov. 27.
Operator, Brake or clutch. J. W. Hale. 2,370,859; Mar. 6.
Operator, Door. J. R. Newkirk. 2,368,722; Feb. 6.
Opener, Can. S. Bloomfield. 2,375,274; May 8.
Opener, Can. W. B. Haskins. 2,372,948; Apr. 3.
Opener, Can. E. W. Worley. 2,375,401; May 8.
Opening apparatus, Jewel hole. J. O. Le Van. 2,385,287; Sept. 18.
Openings through a pile of sheets, Cutting. E. G. Rice. 2,376,724; May 22.
Operating and timing device for laundering machines and the like. C. H. Hays, Jr. 2,379,522; July 3.
Operation of internal-combustion engines with gas generators. E. Schimanek. 2,382,747; Aug. 14.
Operator, Door. W. A. Geiger. 2,380,302; July 10.
Operator, Electromagnetic. W. A. Ray. 2,377,515; June 5.
Operator, Window. A. Rappl and E. C. Horton. 2,379,989; July 10.
Ophthalmic. G. A. Ellestad and C. G. Salmon. 2,371,745; Mar. 20.
Ophthalmic device. G. M. Nelsen. 2,388,493; Nov. 6.
Ophthalmic instrument. R. D. Keller. 2,381,126; Aug. 7.
Ophthalmic instrument. D. T. Street. 2,386,012; Oct. 2.
Ophthalmic mounting. J. W. Aspenleiter. 2,375,339; May 8.
Ophthalmic mounting. J. W. Aspenleiter. 2,389,116; Nov. 20.
Ophthalmic mounting. C. O. Cozzens. 2,384,815; Sept. 18.
Ophthalmic mounting. E. J. Brusell. 2,373,650; Apr. 17.
Ophthalmic mounting. C. O. Cozzens and E. M. Splaine. 2,385,693; Sept. 25.
Ophthalmic mounting. W. C. Eaton and W. Leduc. 2,382,980; Aug. 21.
Ophthalmic mounting. G. A. Ellestad. 2,385,975; Oct. 2.
Ophthalmic mounting. W. R. and R. H. Uhlemann. 2,366,659; Jan. 2.
Ophthalmic mounting. L. J. Page. 2,376,977; May 29.
Ophthalmic mounting. E. M. Splaine. 2,381,011; Aug. 7.
Ophthalmic mounting. E. M. Splaine. 2,383,021; Aug. 21.
Ophthalmic mounting. E. D. Tillyer, W. J. Joyce, and H. R. Moulton. 2,380,481; July 31.
Ophthalmic mounting and making and adjusting the same. E. M. Splaine. 2,388,191; Oct. 30.
Ophthalmic mounting, more particularly lenses for mountings, and making same. W. E. Williams. 2,387,789; Oct. 30.
Ophthalmoscope. W. A. Arnesen. 2,370,514; Feb. 27.
Opposed-angle brush holder. G. P. Lessmann. 2,383,325; Aug. 21.
Opposed-piston engine. W. Kilchenmann. 2,372,676; Apr. 3.
Optical adjustment. G. F. Rackett. 2,382,580; Aug. 14.
Optical apparatus for gauging. E. Wurger. 2,373,989; Apr. 17.
Optical control apparatus. F. Turrettini. 2,373,930; Apr. 17.
Optical device. G. E. Guellich and A. A. Gradisar. 2,389,503; Nov. 20.
Optical device. J. R. Kerry. 2,389,155; Nov. 20.
Optical device. W. R. Miles. 2,378,493; June 19.
Optical device. V. Walker. 2,370,214; Feb. 27.
Optical device and making same. V. Walker. 2,371,486; Mar. 13.
Optical element. A. F. Turner. 2,384,578; Sept. 11.
Optical elements, Producing. I. G. Fowler and H. A. McMaster. 2,367,111; Jan. 9.
Optical instrument. T. Abrams, M. B. Moore, and W. S. Karr. 2,366,228; Jan. 2.
Optical instrument. J. F. Brandt and R. F. E. Stegeman. 2,384,528; Sept. 11.
Optical instrument. G. A. Brueske. 2,378,282; June 12.
Optical instrument. F. F. Flint. 2,375,356; May 8.
Optical instrument. F. F. Flint. 2,385,978; Oct. 2.
Optical instrument. F. F. Flint. 2,390,362; Dec. 4.
Optical instrument. G. B. Gallasch. 2,389,252; Nov. 20.
Optical instrument. J. C. Kurtz. 2,378,487; June 19.
Optical instrument. G. W. Moffitt. 2,385,019; Sept. 18.
Optical instrument. R. F. E. Stegeman. 2,369,761; Feb. 20.
Optical instrument and making same. I. C. Gardner. 2,378,401; June 19.

Optical instrument, Electron. J. A. Rajchman and R. L. Snyder, Jr. 2,372,450; Mar. 27.
Optical instrument, Rear vision. H. A. McMaster and F. A. Rodman. 2,374,027; Apr. 17.
Optical means. E. D. Tillyer. 2,370,697; Mar. 6.
Optical measuring means applied in machines and instruments. F. Turrettini. 2,368,434; Jan .30.
Optical object aligning device. P. F. Darby. 2,367,567; Jan. 16.
Optical objective. A. Cox. 2,366,597; Jan. 2.
Optical objective. A. Cox. 2,387,497; Oct. 23.
Optical objective. A. Warmisham. 2,366,661; Jan. 2.
Optical objective. A. Warmisham. 2,379,392; June 26.
Optical objective. A. Warmisham. 2,380,888; July 31.
Optical objective. A. Warmisham. 2,391,209; Dec. 18.
Optical objective. A. Warmisham and C. G. Wynne. 2,391,210; Dec. 18.
Optical objective. C. G. Wynne. 2,379,393; June 26.
Optical objective. C. G. Wynne. 2,389,016; Nov. 13.
Optical observation instrument. J. W. French. 2,372,479; Mar. 27.
Optical projection apparatus. T. W. Clifford. 2,391,132; Dec. 18.
Optical record interpreter. R. B. Johnson. 2,390,439; Dec. 4.
Optical reflecting material. T. G. Jungersen. 2,380,447; July 31.
Optical surface, Treatment of. H. L. Penberthy. 2,392,660; Aug. 14.
Optical surfaces and the like, Producing. V. Walker. 2,372,536; Mar. 27.
Optical system. A. H. Bennett. 2,388,031–2; Oct. 30.
Optical system. P. A. Birdick. 2,387,113; Oct. 16.
Optical system. E. K. Kaprelian. 2,378,301; June 12.
Optical system. O. M. Miller. 2,377,509; June 5.
Optical system. H. Rinia. 2,377,268; May 29.
Optical system. A. Warmisham. 2,380,887; July 31.
Optical system, Dual power. L. H. Brown. 2,388,673; Nov. 13.
Optical testing device and testing. C. J. Glasser. 2,385,503; Sept. 25.
Optical tool gauge. W. F. Peck and G. E. Guelich. 2,389,544; Nov. 20.
Optical wedges, Producing. T. W. Sukumlyn. 2,384,209; Sept. 4.
Optical work area locator. G. A. Lowden. 2,379,534; July 3.
Orchids, Composition for preserving cut. A. A. Meyer. 2,367,795; Jan. 23.
Ordnance. E. W. Brandt. 2,368,966; Feb. 6.
Ordnance. R. J. Hochstetler. 2,382,225; Aug. 14.
Ordnance. J. C. Trotter. 2,382,522; Aug. 14.
Ordnance. J. C. Trotter. 2,388,509; Nov. 6.
Ordnance. J. C. Trotter. 2,390,401; Dec. 4.
Ore concentrator. B. Tocci-Guilbert. 2,366,223; Jan. 2.
Ore concentration, Heavy-media fine. W. A. Hamilton. 2,369,393; Feb. 13.
Ore reduction apparatus. E. M. Wanamaker, R. H. Cromwell, and H. L. Chamberlain. 2,384,862; Sept. 18.
Ore treatment and concentrate produced thereby. L. B. Weckoff. 2,375,268; May 8.
Ores and electric furnace therefor, Treating. R. S. Wile. 2,368,508; Jan. 30.
Ores and oxides, Reducing. J. H. Stewart. 2,386,073; Oct. 2.
Ores, Beneficiation of beryllium. F. D. Lamb and L. Banning. 2,385,819; Oct. 2.
Ores, Concentrating. K. F. Schilling, A. T. Cole, J. B. Duke, and W. M. Houston. 2,382,178; Aug. 14.
Ores, Concentration of. A. H. Fischer. 2,376,242; May 15.
Ores, Concentration of. A. M. Gaudin. 2,381,662; Aug. 7.
Ores containing sodium chloride, Flotation process for. P. A. Ray. 2,389,080; Nov. 13.
Ores, Flotation of iron. J. B. Clemmer and B. H. Clemmons. 2,383,467; Aug. 28.
Ores, Flotation of. W. E. Keck. 2,373,688; Apr. 17.
Ores, Treatment of titaniferous. T. P. Campbell. 2,366,177; Jan. 2.
Organic acids modified by formaldehyde and glycol. D. J. Loder and W. F. Gresham. 2,366,738; Jan. 9.
Organic amine derivatives and obtaining same. E. W. Tillitson. 2,370,092; Feb. 20.
Organic compounds and their preparation. K. L. Lynch. 2,368,067; Jan. 23.
Organic compounds, Carbalkoxylation of. V. H. Wallingford and A. H. Homeyer. 2,367,632; Jan. 16.
Organic compounds containing a $CH_2{=}C{<}$ group, Polymerization of unsaturated. W. L. Semon. 2,376,015; May 15.
Organic compounds containing a $CH_2{=}C{<}$ Group, Polymerization of. B. S. Garvey, Jr. 2,376,963; May 29.
Organic compounds containing nitrogen, Production of. J. W. Teter. 2,381,470–2; Aug. 7.
Organic compounds containing nitrogen, Production of. F. A. Apgar and J. W. Teter. 2,381,709; Aug. 7.
Organic compounds, Manufacture of. H. Dreyfus. 2,387,723; Oct. 30.
Organic compounds, Oxidation of. J. G. N. Drewitt. 2,389,187; Nov. 20.
Organic compounds, Polymerization of unsaturated. W. L. Semon and C. F. Fryling. 2,376,014; May 15.
Organic compounds, Purification of. J. E. Mitchell. 2,371,307; Mar. 13.
Organic compounds, Separation of. J. E. Bludworth and G. Flower, Jr. 2,381,032; Aug. 7.
Organic compounds with nitrosyl chloride, Reaction of unsaturated. L. J. Beckham and J. A. Crowder. 2,371,418; Mar. 13.
Organic cyanamide transmission-fluids. W. H. Hill. 2,370,663; Mar. 6.
Organic detergents for lubricating oil. F. L. Johnston. 2,371,333; Mar. 13.
Organic disulphides, Production of. J. A. Gardner. 2,385,410; Sept. 25.
Organic liquids, Treatment of. J. L. Kellogg. 2,389,732; Nov. 27.
Organic materials, Drying raw. J. M. Baer. 2,391,441; Dec. 25.
Organic nitrogen-containing compounds and processes for their production. D. D. Coffman and W. L. Alderson, Jr. 2,373,870; Apr. 17.
Organic nitrosyl chloride addition products, Manufacture of. H. A. Beekhuis, Jr. 2,370,518; Feb. 27.
Organic phosphorus compounds. M. A. Dietrich. 2,373,627; Apr. 10.
Organic radicals from N-substituted ureas, Removal of. V. E. Haury. 2,374,485; Apr. 24.
Organic substances, Stabilization of. C. J. Pedersen. 2,373,049; Apr. 3.
Organic substances, Stabilization of. C. J. Pedersen. 2,382,904; Aug. 14.
Organic sulphonates and making. L. J. Beckham. 2,373,643; Apr. 17.
Organic vapors, Combustion of halogenated. H. W. Crouch and H. E. Stauss. 2,384,368; Sept. 4.
Organo-dihalogenosilioxanes. W. I. Patnode. 2,381,366; Aug. 7.
Organo-silicols and products thereof. Treatment of. E. G. Rochow. 2,371,068; Mar. 6.
Organosilicon compounds. E. G. Rochow. 2,383,817; Aug. 28.
Organosilicon halides, Preparation of. E. G. Rochow and W. F. Gilliam. 2,383,818; Aug. 28.
Organo-silliconhalides, Producing. C. E. Reed and J. T. Coe. 2,389,931; Nov. 27.
Organo silicon polymers and making them. R. R. McGregor and E. L. Warrick. 2,375,998; May 15.
Organo-siloxanes, Stabilizing. R. R. McGregor and E. L. Warrick. 2,389,802–7; Nov. 27.
Orienting device. P. Wolfers. 2,387,104; Oct. 16.
Orienting instrument. L. P. Crosman. 2,387,647; Oct. 23.
Orienting irregular quartz crystals. D. Harker. 2,380,235; July 10.
Orienting mechanism. S. C. Hurley, Jr. 2,379,717; July 3.
Ornament, E. B. Stokoe. 2,387,475; Oct. 23.
Ornament, Ear. C. Christy. 2,383,448; Aug. 28.
Ornament, Rotary propeller. C. G. Passanante. 2,373,499; Apr. 10.
Ornamental container. C. Huber. 2,391,420; Dec. 25.
Ornamental accessory. J. Nufer. 2,387,173; Oct. 16.
Ornamental box. R. I. Rhodes. 2,372,294; Mar. 27.
Ornamental chain, Manufacture of. A. J. England. 2,366,960; Jan. 9.
Ornamentation for thermal plastic articles, Surface. N. Barbieri. 2,368,085; Jan. 30.
Ornamental illuminating device. C. W. Otis. 2,383,941; Sept. 4.
Ornamented article and making the same. E. B. Nichols. 2,374,034; Apr. 17.
Ornamenting machine. C. E. Newton. 2,390,728; Dec. 11.
Ornamenting materials. A. Gluckman. 2,368,539; Jan. 30.
Orientation system. P. M. G. Toulon. 2,369,622; Feb. 13.
Ornaments such as Christmas trees and manufacture. C. S. Price. 2,382,746; Aug. 14.
Ornaments, Manufacturing personal. E. E. Brown. 2,377,308; June 5.
Ortho-dinitrile, Preparation of aromatic. M. H. Fleysher. 2,387,435; Oct. 23.
Orthodontia appliance. J. E. Laskin. 2,379,011; June 26.
Orthodontic band clamp. P. R. Begg. 2,378,279; June 12.
Orthodontic bracket. J. E. Laskin. 2,368,851; Feb. 6.
Orthodontic bracket spring. J. E. Laskin. 2,381,128; Aug. 7.
Orthodontic pliers. J. W. Flanagan. 2,375,094; May 1.
Ortho-nitro-anisole, Manufacture of. M. C. Denison and M. E. Wassom. 2,370,524; Feb. 27.
Orthopedic appliance. F. F. Burchsted. 2,374,163; Apr. 24.
Orthopedic arch. J. W. Lewis. 2,370,251; Feb. 27.
Orthopedic child's sandal. E. H. Bettmann. 2,390,416; Dec. 4.
Oscillating code transmitter. B. W. Hewes. 2,388,484; Nov. 6.
Oscillating joint. H. E. Wening and R. E. Moule. 2,390,905; Dec. 11.
Oscillating or reversing mechanism. J. W. Conlon. 2,389,232; Nov. 20.
Oscillation generator. K. Schlesinger. 2,383,822; Aug. 28.

Oscillation generator. H. B. Shapiro. 2,375,695; May 8.
Oscillation generator system. M. Morrison. 2,390,659; Dec. 11.
Oscillation reducing device. F. M. M. B. Salomon. 2,383,516; Aug. 28.
Oscillation reducing device. F. M. M. B. Salomon. 2,387,775; Oct. 30.
Oscillator. S. Beaudoin. 2,382,954; Aug. 21.
Oscillator. D. D. Kallenbach. 2,366,266; Jan. 2.
Oscillator and mounting, Crystal. K. G. MacLean. 2,381,173; Aug. 7.
Oscillator blanks, Manufacture of piezoelectric. M. Ramsay. 2,382,257; Aug. 14.
Oscillator circuit. R. L. Downey. 2,369,953; Feb. 20.
Oscillator, Crystal controlled. L. R. Cox. 2,385,260; Sept. 18.
Oscillator, Crystal-controlled relaxation. A. M. Braaten. 2,373,223; Apr. 10.
Oscillator-modulator circuit. W. Dällenbach, A. Allerding, and L. Huttmann. 2,382,693; Aug. 14.
Oscillator, Stabilized. W. A. Edson. 2,379,694; July 3.
Oscillator stabilizing circuit. W. P. Bollinger. 2,382,198; Aug. 14.
Oscillator system, High-frequency. E. E. Spitzer. 2,377,456; June 5.
Oscillator, Thermionic. E. L. Crandell. 2,391,085; Dec. 18.
Oscillator, Torsional. B. E. Eisenhour. 2,384,823; Sept. 18.
Oscillator, Twin-discharge tube. P. B. Vanderlyn and E. L. C. White. 2,373,437; Apr. 10.
Oscillator, Vacuum tube. M. R. Briggs. 2,367,924; Jan. 23.
Oscillator, Variable frequency. K. Rath. 2,378,245; June 12.
Oscillatory engine. T. L. Chard. 2,389,764; Nov. 27.
Oscillatory motion, Transmitting. P. E. Geldhof and V. J. Wooster. 2,385,623; Sept. 25.
Oscilloscope, Polar coordinate. O. W. Packer. 2,389,995; Nov. 27.
Oscillosphygmograph. H. Lax. 2,371,244; Mar. 13.
Outboard motor dolly. A. O. George. 2,390,704; Dec. 11.
Outboard motor stand, Portable. M. Blicker. 2,380,017; July 10.
Outboard motor support. G. W. Schleismer. 2,379,256; June 26.
Outlet box. M. B. Austin, Jr. 2,378,529; June 19.
Outlet box hanger. T. C. Divine. 2,380,155; July 10.
Outlet box support. E. H. Rugg. 2,380,793; July 31.
Outlet connection for liquid containing tanks. W. K. Ebel and F. J. Pepersack. 2,380,735; July 31.
Outlet, Discharge. F. A. Cull. 2,382,468; Aug. 14.
Outlet strip, Manufacturing continuous. W. H. Frank. 2,371,816; Mar. 20.
Outlet valve. A. V. Mossinger. 2,369,170; Feb. 13.
Outsole. G. Codish. 2,385,690; Sept. 25.
Outsole for shoes. J. Gregg and D. E. Levin. 2,371,689; Mar. 20.
Oven. W. F. Butler. 2,376,866; May 29.
Oven, Bake. J. R. Nalbach and A. Haupt. 2,384,390; Sept. 4.
Oven, Coke. J. Schafer. 2,387,615; Oct. 23.
Oven, Coking retort. J. Becker. 2,378,387; June 19.
Oven, Coking retort. J. Van Ackeren. 2,378,450; June 19.
Oven for heating filamentary products. J. W. Dalgleish. 2,373,550; Apr. 10.
Oven for manufacturing continuous rubber articles. S. W. Alderfer. 2,381,387; Aug. 7.
Oven, Gas heated cooking. A. F. Oatley. 2,383,410; Aug. 21.
Oven mechanism. E. O. Engels. 2,373,076; Apr. 3.
Oven, Reel type bake. S. Holm. 2,385,919; Oct. 2.
Oven, Rotary. C. Herzog. 2,379,485; July 3.
Oven, Ore-roasting. H. H. Harris. 2,370,659; Mar. 6.
Ovens, Charging coke. C. Otto. 2,382,810; Aug. 14.
Over-bed table. B. A. Doty. 2,368,748; Feb. 6.
Overcoating, Protective. L. M. Minsk. W. J. Weyerts, and W. H. McDowell. 2,391,181; Dec. 18.
Overhead door. V. L. Holmes. 2,388,654; Nov. 6.
Overhead door construction. A. V. Rowe. 2,391,845; Dec. 25.
Overhead garage door. R. G. Kuehner. 2,366,793; Jan. 9.
Overhead tool support. T. C. Robertson. 2,386,266; Oct. 9.
Overload circuit breaker. C. W. Kuhn. 2,390,718; Dec. 11.
Overload spring. R. H. Hellwig. 2,372,201; Mar. 27.
Overpass, Portable. R. G. Le Tourneau. 2,366,916; Jan. 9.
Overload protection for refrigeration systems. A. B. Newton. 2,389,073; Nov. 13.
Overturn structure and air scoop for airplanes, Combination. A. J. Klose. 2,370,802; Mar. 6.
Overvoltage hazard in alternating current circuits, Eliminating the switching. E. W. Boehm and H. A. Peterson. 2,391,672; Dec. 25.
Oxidation of alcohols, Catalytic alkaline. H. C. Chitwood. 2,384,817; Sept. 18.
Oxidation of alicyclic hydrocarbons and of their derivatives, Controlled. F. F. Rust and W. E. Vaughan. 2,369,181; Feb. 13.
Oxidation of aromatic hydrocarbons. W. S. Emerson and J. W. Heyd. 2,376,674; May 22.
Oxidation of organic compounds and manufacture of phthalic anhydride. S. B. Becker. 2,373,008; Apr. 3.
Oxidation removing process. H. L. R. Hovis. 2,383,434; Aug. 21.
Oxidation of unsaturated organic compounds, Controlled. F. F. Rust and W. E. Vaughan. 2,369,182; Feb. 13.
Oxide gels, Preparing. L. C. Drake and L. P. Evans. 2,378,290; June 12.
Oxides, Alkyl-substituted amino-aryl metal. O. M. Reiff and H. D. Hartough. 2,368,880; Feb. 6.
Oxides from steel, Cleaning. F. Forsberg. 2,378,761; June 19.
Oxyalkylated esters, and making same, Water-soluble high molal. M. De Groote and B. Keiser. 2,369,818; Feb. 20.
Oxygen compounds, Production of cyclic. W. Schmidt and K. Seydel. 2,387,617; Oct. 23.
Oxygen flow regulator. J. P. Strange. 2,378,047; June 12.
Oxygen, Process and apparatus for producing industrial. W. L. De Baufre. 2,380,417; July 31.
Oxygen supplying mask, High altitude. A. H. Bulbulian. 2,391,677; Dec. 25.
Oxygen system. G. C. Fields. 2,384,669; Sept. 11.
Oxygen tent. G. A. Haugh. 2,366,904; Jan. 9.
Oxygen tent unit. D. J. Cohn. 2,390,693; Dec. 11.
Oxygenated organic compounds, Production of. J. E. Bludworth. 2,369,710; Feb. 20.
Oyster opening machine. G. R. Ragupos. 2,391,739; Dec. 25.
P-aminobenzenesulphonamides and their manufacture. H. Martin, R. Hirt, and O. Neracher. 2,383,874; Aug. 28.
Paraffine from monocyclic terpenes. J. K. Dixon. 2,376,308; May 15.
Pack frame and bag. M. S. Wallace. 2,390,673; Dec. 11.
Pack, Manifolding flat. W. F. Leibfritz. 2,387,667; Oct. 23.
Pack, Parachute. L. Dearstyne and J. J. Rutkowski. 2,383,293; Aug. 21.
Package. C. O. Ballar. 2,368,797; Feb. 6.
Package. W. H. Bodle. 2,390,350; Dec. 4.
Package. J. Ilfion. 2,383,389; Aug. 21.
Package. La V. E. Cheyney and H. J. Osterhof. 2,385,533; Sept. 25.
Package. La V. E. Cheyney and H. J. Osterhof. 2,385,535; Sept. 25.
Package. J. W. Little. 2,383,728; Aug. 28.
Package. W. Mitchell, Jr. 2,382,368; Aug. 14.
Package. H. J. Osterhof and La V. E. Cheyney. 2,385,531; Sept. 25.
Package. G. H. Ryberg. 2,379,657; July 3.
Package. O. E. Seiferth. 2,379,934; July 10.
Package, M. Weisman. 2,377,118; May 29.
Package, Ammunition. N. H. McKay. 2,374,222; Apr. 24.
Package and making same. J. M. Treneer. 2,372,406; Mar. 27.
Package and packing. C. J. Schmid. 2,390,900; Dec. 11.
Package and wrapper. C. E. Johnson. 2,368,140; Jan. 30.
Package, Antiseptic. J. A. Milem. 2,367,417; Jan. 16.
Package binding. J. J. Cheesman. 2,367,168; Jan. 9.
Package container. G. H. Bugenhagen. 2,372,708; Apr. 3.
Package cutter. L. Walters. 2,376,887; May 29.
Package, Document. F. H. Groves. 2,371,135; Mar. 13.
Package filling machine. R. R. Walton. 2,368,624; Feb. 6.
Package for furniture. J. S. Kirby. 2,378,932; June 26.
Package for radio tubes and the like. C. I. Elliott and V. R. Pantalone. 2,368,753; Feb. 6.
Package for rolls of flexible material. B. C. Roehrl. 2,386,062; Oct. 2.
Package, Hermetically sealed. H. A. Rohdin. 2,372,452; Mar. 27.
Package, Measuring and dispensing. E. J. Biskamp. 2,381,800; Aug. 7.
Package of liquid material and container therefor. T. R. Baxter. 2,382,536; Aug. 14.
Package, Powder dispenser. E. T. Ahern. 2,372,154; Mar. 20.
Package, Prophylactic. F. G. Karg. 2,391,094; Dec. 18.
Package, Protective. H. J. Fischer. 2,367,345; Jan. 16.
Package, Sealed. W. K. Berthold. 2,380,395–6; July 31.
Package sealing strip applying mechanism. L. V. Whipple and S. W. Pollock. 2,385,751; Sept. 25.
Package, Seat-cover. L. Clark. 2,387,059; Oct. 16.
Package tie, Knotless. I. R. Trevisan. 2,371,920; Mar. 20.
Package vending machine. H. P. Compton and J. A. Autry. 2,373,014; Apr. 3.
Package vending machine. L. A. M. Phelan. 2,385,465; Sept. 25.
Package wrapping. H. B. Tuthill and H. F. Caldwell. 2,371,858; Mar. 20.
Packaging. M. Bennett. 2,380,913; Aug. 7.
Packaging. C. J. Cavallito. 2,385,257; Sept. 18.
Packaging. C. E. Gardner. 2,382,987; Aug. 21.
Packaging. G. M. Schutter. 2,384,494; Sept. 11.
Packaging. P. B. Hultkrans. 2,375,417; May 8.
Packaging apparatus. I. J. Lundal and C. F. Weinreich. 2,387,452; Oct. 23.
Packaging apparatus. F. D. Palmer. 2,376,003; May 15.
Packaging apparatus. K. Stenglein. 2,376,289; May 15.

Packaging apparatus and method. W. D. Young. 2,380,624; July 31.
Packaging machine. E. D. Angell. 2,379,407; July 3.
Packaging machine. S. R. Howard. 2,377,687; June 5.
Packaging machine. S. R. Howard. 2,387,585; Oct. 23.
Packaging machine. F. W. Kuckllnsky. 2,390,107; Dec. 4.
Packaging machine. A. W. Lindholm. 2,381,505; Aug. 7.
Packaging machine. D. and C. Ray. 2,378,324; June 12.
Packaging machine. G. A. Robinson. 2,385,233; Sept. 18.
Packaging machine. W. W. Sibson, Jr., and H. H. Belcher. 2,366,811; Jan. 9.
Packaging machine and method of packaging. C. J. Malhoit. 2,367,684; Jan. 23.
Packing machine, Fish. K. Kurzbin. 2,382,729; Aug. 14.
Packaging method. K. R. Karlson. 2,376,256; May 15.
Packaging method. O. E. Seiferth and E. C. Sloan. 2,379,935; July 10.
Packaging, Method and apparatus for. E. J. Rebechini. 2,384,492; Sept. 11.
Packaging reel. W. H. Hawkins. 2,368,594; Jan. 30.
Packaging sliced loaves. G. C. Papendick. 2,369,753; Feb. 20.
Packaging sliced loaves. G. C. Papendick. 2,389,812; Nov. 27.
Packaging wrapper and producing the same. J. F. Palmer. 2,372,735; Apr. 3.
Packages, Producing grease. H. L. Bode. 2,378,972; June 26.
Packages, Wrapper for cigarette. W. G. Vollmer. 2,373,524; Apr. 10.
Packer. E. J. Roe. 2,378,374; June 19.
Packer, Automatic, positive action. W. A. Laird. 2,379,162; June 26.
Packer, Double seal. C. H. Barnes. 2,387,003; Oct. 16.
Packer, Formation. C. H. Barnes. 2,370,929; Mar. 6.
Packer for pottery, Sand. J. A. Bower. 2,375,191; May 8.
Packer holding device. J. Young, Jr. 2,379,394; June 26.
Packer, Releasable well. R. C. Baker. 2,368,400; Jan. 30.
Packer, Removable well. R. C. Baker. 2,370,832; Mar. 6.
Packer, Retractable. G. E. Justice, F. M. Thurston, and F. N. Young. 2,389,985; Nov. 27.
Packer, Well. R. C. Baker. 2,368,399; Jan. 30.
Packer, Well. C. E. Burt. 2,368,409; Jan. 30.
Packer, Well. E. W. McGaffey. 2,390,112; Dec. 4.
Packing. G. Christenson. 2,366,832; Jan. 9.
Packing. J. Driscoll and E. J. Poltorak. 2,376,039; May 15.
Packing. J. J. Fiechter. 2,372,773; Apr. 3.
Packing. E. Hanson. 2,366,729; Jan. 9.
Packing. G. P. Leistensnider and H. G. Koch. 2,372,095; Mar. 20.
Packing apparatus. P. B. Richardson. 2,376,810; May 22.
Packing bag. R. Faillot. 2,375,544; May 8.
Packing coffee. G. A. Moore. 2,368,561; Jan. 30.
Packing device. H. Hornschuch. 2,372,423; Mar. 27.
Packing device. C. M. King. 2,368,928; Feb. 6.
Packing material, Egg. J. R. Grant. 2,378,627; June 19.
Packing means for harvested vegetables. E. S. Gorton. 2,386,308; Oct. 9.
Packing, Method of and apparatus for. M. Weisman. 2,381,091; Aug. 7.
Packing ring. J. Mercier. 2,372,907; Apr. 3.
Packing ring for shock absorbing struts. J. F. Wallace. 2,385,045; Sept. 18.
Packing seal, Protected. R. M. Harmon. 2,368,137; Jan. 30.
Packless valve. C. O. Emrich. 2,388,046; Oct. 30.
Pad: *See*—

Abrading or buffing pad.	Plastic abrasives pad.
Air-cushion knee pad.	Polishing or buffing pad.
Collet or collet pad.	Press pad.
Depilatory pad.	Riverter's hand pad.
Electric heating pad.	Shoulder pad.
Inking pad.	Spindle moistening pad.
Jack pad.	Stud pad.
Pencil-bonded memorandum pad.	Table pad.

Pad. E. R. Perry and H. C. Guhl. 2,372,114; Mar. 20.
Pad for evaporative coolers. R. Essick. 2,391,558; Dec. 25.
Pad for laundry and like presses, Fabric. E. L. Dawson and H. Taylor. 2,382,141; Aug. 14.
Pad and manufacture. J. E. Valentine and R. J. Peña. 2,366,680; Jan. 2.
Pad for automobile fenders, Protecting. G. F. Cavanagh. 2,368,200; Jan. 30.
Pad holder and punch, Check. E. A. Haveles. 2,367,773; Jan. 23.
Pad or sales book, Duplicating. E. Z. Lewis. 2,386,872; Oct. 16.
Pad or the like, Salesman's order. H. A. Stone. 2,370,377; Feb. 27.
Paddle. J. K. Reed. 2,380,870; July 31.
Paddle construction. A. Perri. 2,371,541; Mar. 13.
Paddle, Swimming. A. L. Harmon. 2,389,196; Nov. 20.
Padlock. H. J. Dequick. 2,374,669; May 1.
Padlock. R. J. Ohno. 2,370,991; Mar. 6.
Padlock. C. E. Olson. 2,375,488; May 8.
Padlock, Combination. F. K. Heyer. 2,378,768; June 19.
Padlock, Laminated. J. Hines and L. Segal. 2,379,437; July 3.
Page end indicator. F. T. Jensen. 2,366,265; Jan. 2.
Pail, Mop. W. O. Cleveland, Jr. 2,379,476; July 3.
Pails, Making tapered. J. A. Pittner. 2,390,553; Dec. 11.
Paint. A. Douty and F. B. Freese. 2,385,800; Oct. 2.
Paint and drawing sheet. W. H. Connelly. 2,371,153; Mar. 13.
Paint applying device. R. C. Bergmann. 2,371,948; Mar. 20.
Paint, Bituminous. G. A. Fasold and H. W. Greider. 2,385,437; Sept. 25.
Paint bucket holder. E. M. Atkins. 2,367,256; Jan. 16.
Paint compositions. J. G. Lichty and N. V. Seeger. 2,388,656; Nov. 6.
Paint dispensing apparatus. P. L. Hexter. 2,374,430; Apr. 24.
Paint films, Method and apparatus for the inspection of. F. Dieffenbach. 2,373,104; Apr. 10.
Paint, Hot water-soluble. S. D. Silver. 2,369,184; Feb. 13.
Paint remover. J. C. Roediger. 2,388,082; Oct. 30.
Paintbrush. E. L. Hawkins. 2,384,029; Sept. 4.
Painting machine. J. Brzeski. 2,389,409; Nov. 20.
Painting machine. F. A. Parker and F. Ancliff. 2,367,309; Jan. 16.
Painting machine. H. V. Schweitzer. 2,373,604; Apr. 10.
Paints, Manufacture of. H. Sohm. 2,388,017; Oct. 30.
Pallet. R. H. Braun. 2,372,055; Mar. 20.
Pallet. H. W. Warren. 2,377,911; June 12.
Pallet and skid platform, Bolted. J. H. Cruickshank. 2,371,878; Mar. 20.
Pallets adopted for use as accessories in fork lift truck operations, Materials handling. N. L. Cahners. 2,369,944; Feb. 20.
Pan, Bake. R. F. Beerend. 2,391,767; Dec. 25.
Pan, Baking. A. F. Ward. 2,391,660; Dec. 25.
Pan, Colostomy. I. D. Fenwick. 2,380,740; July 31.
Pan, Frog. W. J. Lewis. 2,373,577; Apr. 10.
Pan greaser. J. R. Vickery, Jr. 2,385,744; Sept. 25.
Pan set, Multiple. J. Koliman. 2,377,015; May 29.
Pan, Sliver. F. L. Crockett. 2,377,924; June 12.
Pan, Steam. J. E. Brumley. 2,371,279; Mar. 13.
Pan, Ultraventilated oven drip. R. Howard. 2,374,749; May 1.
Panel and control mechanism therefor. W. H. Bishop and W. E. Clements. 2,381,966; Aug. 14.
Panel and fabricating same, Laminated trim. E. A. Burns. 2,360,658; Feb. 20.
Panel and the like, Display. A. P. D. Belanger. 2,379,336; June 26.
Panel for use in walls, partitions, and the like. W. C. Randall. 2,367,610; Jan. 16.
Panel or switch box. G. R. Smith. 2,377,725; June 5.
Panel, Oven-wall. W. J. Miskella. 2,391,436; Dec. 25.
Panel, Reflective. W. J. Miskella. 2,387,804; Oct. 30.
Panel, Structural. E. Englund. 2,386,098; Oct. 2.
Panel structure and elements thereof. J. H. Oswald. 2,372,792; Apr. 3.
Panel, Trim. G. R. Cunnington. 2,387,317; Oct. 23.
Panel, Trim. E. R. Detrick. 2,377,997–2,378,000; June 12.
Panels, Making hollow. O. C. Davis. 2,385,352; Sept. 25.
Panels, Producing composite. J. W. Trew. 2,372,617; Mar. 27.
Panoramic device for cameras, Automatic. M. S. Brockman. 2,372,932; Apr. 3.
Panoramic radio receiving system. M. Wallace. 2,367,907; Jan. 23.
Pantee. M. A. Bercaitz. 2,367,328; Jan. 16.
Pantie. M. A. O'Hern. 2,391,641; Dec. 25.
Pantograph for mechanical stencil duplication. E. Herdeck. 2,368,925; Feb. 6.
Pantothenamide and preparing them, Double salts of. M. B. Moore. 2,389,839; Feb. 26.
Pantothenic acid and the salts thereof, Manufacture of. O. Schnider. 2,377,814; June 5.
Pantothenic acid, Production of. S. H. Babcock, Jr. 2,375,885; May 15.
Panty, Lady's. M. Goodman and D. Lance. 2,382,477; Aug. 14.
Paper and board, Manufacturing. L. M. Booth. 2,368,635; Feb. 6.
Paper and ink therefor, Safety. B. W. Smith. 2,380,195; July 10.
Paper and making the same, Metallized. H. Strib. 2,367,152; Jan. 9.
Paper and manufacturing same. A. B. Cummins and C. J. O'Neil. 2,378,193; June 12.
Paper article and forming it. C. W. Goodwin. 2,368,920; Feb. 6.
Paperboard bodies for tubular containers, Method and apparatus for producing collapsible. H. A. Wansker. 2,376,839; May 22.
Paperboard container or the like. E. J. DeHaven. 2,366,602; Jan. 2.
Paper, Coated. F. H. Manchester. 2,386,700; Oct. 9.
Paper, Coating. W. W. Herrick. 2,375,360; May 8.
Paper, Coating. C. Paxton and T. H. Vail. 2,388,339; Nov. 6.
Paper, Coating. G. M. Powell, III, and W. H. McKnight. 2,391,621; Dec. 25.
Paper-coating composition. C. W. Stewart. 2,370,268; Feb. 27.

Paper coating composition and making. E. G. Bennett. 2,369,427; Feb. 13.
Paper-coating composition and making same. G. Witty. 2,369,766; Feb. 20.
Paper coating device. W. F. Thiele and W. E. Beadle, Sr. 2,369,378; Feb. 13.
Paper container. H. Carew. 2,378,750; June 19.
Paper container structure and end closure therefor. J. H. O'Neil. 2,391,337; Dec. 18.
Paper container. F. R. Cookston. 2,376,904; May 29.
Paper currency. C. G. Dowd. 2,384,667; Sept. 11.
Paper-cutting machine. F. D. McLaughlin. 2,379,171; June 26.
Paper dispenser. H. M. Herman. 2,372,421; Mar. 27.
Paper dispenser. K. Tator and G. Holmgren. 2,390,399; Dec. 4.
Paper elevating device for printing machines. G. Babics. 2,381,713; Aug. 7.
Paper fastener. J. C. Brown. 2,371,800; Mar. 20.
Paper feed device. B. Cooper. 2,368,001; Jan. 23.
Paper feeding apparatus. R. J. Thompson. 2,387,954; Oct. 30.
Paper feeding device. G. F. Daly and F. N. Esher. 2,369,441; Feb. 13.
Paper feeding device. I. Ghertman. 2,372,892; Apr. 3.
Paper, Finishing. V. L. Shaw. 2,366,563; Jan. 2.
Paper, Finishing and conditioning of. A. E. Montgomery. Re. 22,593; Jan. 23.
Paper-folding device. J. F. Cronin. 2,370,125; Feb. 27.
Paper for re-use in linoleum manufacture, Treating waxed. H. Burton. 2,368,111; Jan. 30.
Paper for stencil sheets, Manufacture of. I. E. Berkovits. 2,380,718; July 31.
Paper, Grease proof and water repellent. C. A. Hockwalt. 2,380,043; July 10.
Paper handling machine. J. Adrian. 2,385,047; Sept. 18.
Paper handling mechanism for duplicating machines. J. L. Gibson and E. W. Peterson. 2,389,848; Nov. 27.
Paper machine cleaner. D. R. Robbins. 2,366,354; Jan. 2.
Paper, Making. O. Kress, F. Zeitlin, and R. K. Staman. 2,381,600; Aug. 7.
Paper making apparatus. G. S. Witham. 2,388,627; Nov. 6.
Papermaking machine. L. Hornbostel. 2,367,778; Jan. 23.
Paper making machine, Multicouch roll. E. E. Berry and L. Hornbostel. 2,369,653; Feb. 20.
Paper making machine press roll assembly. E. W. Clem and G. E. Winter. 2,390,692; Dec. 11.
Paper manufacture. H. C. Fisher and J. F. Thompson. 2,369,450; Feb. 13.
Paper manufacture. C. R. Van de Carr, Jr. 2,378,113; June 12.
Paper, Manufacture of. M. A. Goldman. 2,389,254; Nov. 20.
Paper, Manufacture of antioxygenic. S. Musher. 2,377,359; June 5.
Paper, Manufacturing identifiable. M. S. Kantrowitz and E. J. Gosnell. 2,379,443; July 3.
Paper mill affluent, Treatment of. P. Hodges. 2,382,010; Aug. 14.
Paper, Moistureproofed kraft. H. R. Thies and C. M. Carson. 2,370,090; Feb. 20.
Paper, Moistureproofing. R. W. Quarles and A. K. Doolittle. 2,391,620; Dec. 25.
Paper of good wet strength, Manufacture of. K. J. MacKenzie and R. S. Bryce. 2,384,632; Sept. 11.
Paper picker. M. G. Donaldson. 2,367,105; Jan. 9.
Paper pulping apparatus. H. D. Martindale. 2,384,326; Sept. 4.
Paper receptacle. S. H. Berch. 2,369,654; Feb. 20.
Paper roll dispenser. R. D. Budlong. 2,379,275; June 26.
Paper roll holder. E. J. Hill and L. A. Smith. 2,372,949; Apr. 3.
Paper roll holder. H. R. Stott. 2,370,821; Mar. 6.
Paper roll rack. F. Mellor. 2,381,303; Aug. 7.
Paper roll supporting rack. E. Palmer 2,391,265; Dec. 18.
Paper rolls, Abrasive. H. Mock. 2,386,879; Aug. 28.
Paper, Safety. A. Schroth. 2,378,585; June 19.
Paper, Safety record. B. J. Staneslow. 2,382,828; Aug. 14.
Paper screw cap. C. W. Goodwin. 2,382,873; Aug. 14.
Paper stock, Treating sized. V. L. Shaw. 2,366,564. Jan. 2.
Paper strips, Method and apparatus for the continuous production of. P. Dunsheath. 2,369,221; Feb. 13.
Paper stock, Treating. J. C. Dean and R. T. Edwards. 2,390,695; Dec. 11.
Paper through blue-print machines, Threading. H. J. Brunk. 2,379,339; June 26.
Paper, Transparentizing. J. G. Little. 2,383,660; Aug 28.
Papers, Conductive. B. L. Kline and C. E. Mobius. 2,374,214; Apr. 24.
Parachute. R. De Lopez. 2,369,286; Feb. 13.
Parachute. F. M. Derry. 2,384,416; Sept. 4.
Parachute. J. F. Kokoska. 2,377,502; June 5.
Parachute. F. E. Monks. 2,391,262; Dec. 18.
Parachute. A. R. Nailor. 2,384,127; Sept. 4.
Parachute apparatus. R. H. Hart. 2,369,458; Feb. 13.
Parachute canopy. F. G. Manson and J. J. Maskey. 2,384,187; Sept. 4.
Parachute construction. P. F. Smith. 2,379,758; July 3.
Parachute harness. C. E. Ashton. 2,388,379; Nov. 6.
Parachute harness. H. W. Kjellson. 2,370,357; Feb. 27.
Parachute pack. J. R. C. Quilter. 2,387,350; Oct. 23.
Parachute pack. J. R. C. Quilter. 2,389,578; Nov. 20.
Parachute release. J. L. De Freitas. 2,373,386; Apr. 10.
Parachute release. J. D. Forbes. 2,371,814; Mar. 20.
Parachute release. J. W. Irby. 2,383,485; Aug. 28.
Parachute, Toy. G. J. Grossman. 2,375,844; May 15.
Parachute with variable surface. G. Lisi. 2,371,898; Mar. 20.
Parachutes for packing, storage, and use, Preparing. H. Wilson. 2,386,829; Oct. 16.
Para-divinylbenzene, Production of. C. A. Hochwalt. 2,390,368; Dec. 4.
Paraffin alkylation. F. E. Frey. 2,366,716; Jan. 9.
Paraffin deposits in oil wells, Preventing. E. F. Price. 2,368,777; Feb. 6.
Paraffin hydrocarbons, Alkylation of branched chain. R. J. Newman. 2,382,899; Aug. 14.
Paraffin isomerization process. R. B. Mason. 2,378,782; June 19.
Paraffins, Production of tertiary. O. H. Dawson. 2,389,598; Nov. 27.
Parallel arrangement of geiger-muller counters. H. Friedman. 2,383,477; Aug. 28.
Parasiticidal compositions. G. E. Lynn and F. W. Fletcher. 2,378,309; June 12.
Parasiticidal preparations. E. C. Ladd. Re. 22,597; Jan. 30.
Parasiticidal preparations. E. C. Ladd. 2,368,667; Feb. 6.
Parasiticidal preparations. E. C. Ladd. 2,379,723; July 3.
Parasiticidal preparations. W. P. Ter Horst. 2,378,597; June 19.
Parasiticides. F. B. Smith and J. N. Hansen. 2,367,534; Jan. 16.
Parasol. B. B. Levine. 2,390,952; Dec. 11.
Parcel carrier. E. Borbé. 2,374,645; May 1.
Paring attachment. F. J. Polasik. 2,376,451; May 22.
Parenteral administration set. J. E. B. Shaw. 2,367,806; Jan. 23.
Parimutuel system. C. Smith. 2,389,823; Nov. 27.
Parking indicator. J. Hickey. 2,389,908; Nov. 27.
Parking time indicator. H. P. Compton. 2,369,717; Feb. 20.
Parking vehicle art and apparatus. R. E. Whitmore. 2,387,312; Oct. 23.
Part for knitting machines. D. G. Scrantom. 2,381,370; Aug. 7.
Particle size determination. P. R. Kalischer. 2,379,158; June 26.
Particles, Charging suspended. H. J. White. 2,377,391; June 5.
Parting agent in cellular glass manufacture. W. D. Ford. 2,377,076; May 29.
Partition, Knockdown office. J. M. Kaufman. 2,371,300; Mar. 13.
Partition structure. G. W. Baker. 2,381,635; Aug. 7.
Partition structure. W. M. Goldsmith. 2,387,389; Oct. 23.
Partition structure for trucks. C. H. McCurdy. 2,390,606; Dec. 11.
Partitioned bottle carrier. A. Wesselman. 2,375,056; May 1.
Pass system. E. P. Camps. 2,366,436; Jan. 2.
Passenger propelled wheel chair. A. G. I. M. Kelley. 2,368,142; Jan. 30.
Paste for sealing threaded joints and like parts, Antiseizing. A. L. Parker. 2,391,504; Dec. 25.
Paste or cream dispenser. L. J. Songer. 2,376,944; May 29.
Paste, Textile printing. N. S. Cassel. 2,376,319; May 15.
Pasteurizing apparatus. C. B. Dalzell and R. J. Neely. 2,371,807; Mar. 20.
Pasting machine, Grid. G. A. Donath. 2,382,367; Aug. 14.
Pastry products, Making. L. J. Harriss and B. Lambers. 2,377,936; June 12.
Patch pocket, Frame. D. J. Brangaccio. 2,369,208; Feb. 13.
Patent leather. W. D. Hedges, J. C. Lowman, and T. J. Kerr. 2,387,395; Oct. 23.
Pattern chain for knitting machines and the like. S. C. Doughty. 2,388,311; Nov. 6.
Pattern effects on fabrics, Producing. G. Heberlein and E. Weiss. 2,382,416; Aug. 14.
Pattern stripper for foundry plants. E. H. Whittaker. 2,366,582; Jan. 2.
Patterns for glide paths, Controlling horizontal. A. G. Kandoian. 2,383,480; Aug. 28.
Pavement finishing machine. E. H. Lichtenberg. 2,374,025; Apr. 17.
Paving. R. R. Colburn. 2,374,732; May 1.
Paving machine. C. W. Pierce. 2,382,096; Aug. 14.
Paving stripping apparatus. H. E. Baker. 2,388,461; Nov. 6.
p-Cymene from a monocyclic terpene, Preparation of. W. Hull. 2,387,794; Oct. 30.
Peat, Winning and preparing. C. A. Friberg. 2,379,570; July 3.
Pectin, Accelerating the alkaline de-esterification of. H. Lineweaver and R. M. McCready. 2,386,323; Oct. 9.

Pectin preparation. A. G. Olsen and E. R. Fehlberg. 2,369,346; Feb. 20.
Pectin, Preparation of. H. S. Bailey. 2,387,635–6; Oct. 23.
Pectin, Preparing. H. T. Leo, C. C. Taylor, and J. W. Lindsey. 2,367,132; Jan. 9.
Pectinous materials, Extracting. W. D. Maclay and J. P. Nielsen. 2,375,376; May 8.
Pedal device, Accelerator. G. A. Rubissow. 2,382,918; Aug. 14.
Pedal drive. J. Wasem. 2,391,809; Dec. 25.
Pedal rod mounting or the like. A. Claud-Mantle. 2,380,218; July 10.
Pedals, Foot control. M. Sklovsky and W. H. Nordenson. 2,383,690; Aug. 28.
Peeler, Lye. L. E. Kibler. 2,391,630; Dec. 25.
Peeling device. L. Oskow. 2,375,489; May 8.
Peeling machine, Bark. G. B. Jones. 2,380,049; July 10.
Peening surfaces. K. W. Connor and J. E. Kline. 2,373,871; Apr. 17.
Peephole box. C. Foster. 2,387,133; Oct. 16.
Pegless line for suspending clothes and fabrics for drying or display. K. M. Varvel. 2,376,948; May 29.
Pellets for sintering, Preparing. J. S. Naratil. 2,391,588; Dec. 25.
Pellets, Hydrogel. M. M. Marisic. 2,384,946; Sept. 18.
Pelorus. C. A. Clark. 2,386,542; Oct. 9.
Pen and fountain attachment therefor. R. E. Scott. 2,367,540; Jan. 16.
Pen and reservoir attachment therefor. C. E. Thurston. 2,367,539; Jan. 16.
Pen, Cartridge fountain. M. Gergely. 2,381,898; Aug. 14.
Pen, Drafting. H. H. Blake, Jr. 2,375,188; May 8.
Pen, Fountain. M. S. Baker. 2,387,001; Oct. 16.
Pen, Fountain. M. Boral. 2,391,385; Dec. 25.
Pen, Fountain. L. A. Brooke. 2,379,421; July 3.
Pen, Fountain. A. O. Dahlberg. 2,375,770; May 15.
Pen, Fountain. E. E. Ejerson. 2,391,557; Dec. 25.
Pen, Fountain. E. E. Kratz. 2,382,070; Aug. 14.
Pen, Fountain. B. F. Reynolds. 2,368,425; Jan. 30.
Penknife. E. J. Savoy. 2,390,964; Dec. 11.
Pen presser bar and producing the same, Fountain. J. W. Para and K. Weisser. 2,377,444; June 5.
Pen, Ruling. R. A. Olivera. 2,367,471; Jan. 16.
Penstock and fabricating penstocks. E. E. Schoessow. 2,391,747; Dec. 25.
Pencil. M. Borsodi. 2,378,973; June 26.
Pencil. J. D. Buchanan. 2,385,329; Sept. 25.
Pencil. H. Hoffman. 2,385,442; Sept. 25.
Pencil-bonded memorandum pad. C. C. Harris. 2,383,858; Aug. 28.
Pencil holder. K. E. Pinkham. 2,366,457; Jan. 2.
Pencil leads and similar articles, Making graphite. H. R. Straight. 2,388,447; Nov. 6.
Pencil, Light. I. T. Jansen. 2,368,839; Feb. 6.
Pencil, Mechanical. J. F. Kupczyk. 2,370,250; Feb. 27.
Pencil pointing device. W. K. Crownfield. 2,378,287; June 12.
Pentaerythritol. Preparation of. G. R. Owens. 2,372,602; Mar. 27.
Pentaerythritol, Producing. R. F. B. Cox. 2,372,555; Mar. 27.
Pentaerythritol, Producing. G. Spiller. 2,373,717; Apr. 17.
Pentaerythritol, Producing. H. M. Spurlin. 2,369,063; Feb. 6.
Pentaerythritol reaction by-product, Purified. I. M. Bernstein and H. J. Lanson. 2,376,224; May 15.
Pentaerythritol, Treatment of. J. E. Bludworth and S. B. Jeffries. 2,386,289; Oct. 9.
Pentoses and process for the manufacture thereof, Triacyl. J. Lee and L. Berger. 2,384,104; Sept. 4.
Pentoses, Manufacture of. J. Lee, U. V. Solmssen, and L. Berger. 2,384,103; Sept. 4.
Peracids, Manufacture of. J. S. Reichert, S. A. McNeight, and O. A. Elston. 2,377,038; May 29.
Perambulator, Folding. L. E. Little. 2,381,066; Aug. 7.
Percarbonates, Organic. F. Strain. 2,370,588; Feb. 27.
Percentage Feeder. F. Keeney. 2,384,176; Sept. 4.
Perchlorination process. T. E. Brown and C. W. Davis. 2,377,669; June 5.
Percolator, Coffee. F. E. Wolcott. 2,387,425; Oct. 23.
Perforating apparatus. G. F. Wales. 2,381,476; Aug. 7.
Perforating apparatus and work placing device for same. G. F. Wales. 2,382,190; Aug. 14.
Perforating device. C. P. Kipp. 2,373,121; Apr. 10.
Perforating machine. E. A. Gubisch. 2,390,435; Dec. 4.
Perforating sheet material, method and apparatus for. I. H. Wilsey and A. E. Neumann. 2,385,246; Sept. 18.
Perforating unit. M. E. Bechtel. 2,379,271; June 26.
Perforator, Gun. G. F. Turechek. 2,380,204; July 10.
Perforator, Multiple. E. Kern. 2,389,105; Nov. 13.
Perforator, Paper. J. G. Lippincott. 2,370,319; Feb. 27.
Perfume dispensing container. L. L. Marohl. 2,385,098; Sept. 18.
Perfume materials. H. van B. Joy and J. B. Rust. 2,373,568; Apr. 10.
Perimeter. W. Feinbloom. 2,374,854; May 1.
Periodical dispenser. J. Tait. 2,390,345; July 10.
Periscope, Welder's. E. E. Burlo. 2,377,671; June 5.
Periscopic viewing and sighting device. H. A. Husted. 2,381,909; Aug. 14.
Permanent magnet holding device. F. L. Simmons. 2,390,743; Dec. 11.
Permanent wave accessory. C. R. Garrison. 2,374,860; May 1.
Permeability of earth formations, Determining. P. J. Lehnhard, Jr. 2,376,878; May 29.
Peroxide and making same, Anhydrous hydrogen. N. I. Levitan and R. Knoch. 2,366,464; Oct. 9.
Peroxide, Organic. F. Strain. 2,374,789; May 1.
Peroxides, Recovery of organic. F. F. Rust. 2,383,919; Aug. 28.
Pest control. A. L. Flenner and F. H. Kaufert. 2,369,959; Feb. 20.
Pest control. H. G. Guy. 2,377,626; June 5.
Pest control. G. E. Holbrook and F. H. Kaufert. 2,374,999; May 1.
Pest control. C. A. Littler. 2,387,336; Oct. 23.
Pest control. T. G. Roehner. 2,370,881; Mar. 6.
Pest control. S. D. Wilkins. 2,369,007; Feb. 6.
Petrolatum, Refining crude. J. D. Morgan and A. R. Blakey. 2,387,171; Oct. 16.
Petroleum acid sludges, Concentration of. F. A. Ferguson. 2,379,224; June 26.
Petroleum conversion process. C. E. Hemminger. 2,388,055; Oct. 30.
Petroleum conversion process. H. J. Ogorzaly. 2,391,336; Dec. 18.
Petroleum, Cracking. W. C. Dorsett, C. C. Sperling, and O. C. Walker. 2,378,067; June 12.
Petroleum distillate containing undesirable sulphur compounds, Treatment of light. F. A. Apgar. 2,367,178; Jan. 16.
Petroleum emulsions, Breaking. M. De Groote. 2,375,534–9; May 8.
Petroleum emulsions, Breaking. M. De Groote. 2,390,081–3; Dec. 4.
Petroleum emulsions, Breaking. M. De Groote and B. Keiser. 2,372,254–9; Mar. 27.
Petroleum emulsions, Breaking. M. De Groote and B. Keiser. 2,373,102; Apr. 10.
Petroleum emulsions, Breaking. M. De Groote and B. Keiser. 2,373,174; Apr. 10.
Petroleum emulsions, Breaking. M. De Groote and B. Keiser. 2,390,078–80; Dec. 4.
Petroleum emulsions, Electrical dehydration of. W. Deutsch. 2,382,697; Aug. 14.
Petroleum exploration. J. G. Campbell and R. H. Fash. 2,367,664; Jan. 23.
Petroleum hydrocarbons, Stabilization of. F. B. Downing and C. J. Pedersen. 2,373,021; Apr. 3.
Petroleum hydrocarbons, Stabilization of. C. J. Pedersen and R. O. Bender. 2,382,905–6; Aug. 14.
Petroleum hydrocarbons, Treating. A. N. Wojciekunas and J. Faller, Jr. 2,367,081; Jan. 9.
Petroleum oil, Stabilizing a. G. E. Phillips. 2,388,076; Oct. 30.
Petroleum, Producing. P. D. Barton and P. F. Dougherty. 2,390,770; Dec. 11.
Petroleum products, Emulsified. R. M. Koppenhoefer. 2,387,157; Oct. 16.
Petroleum products, Toxicant. V. L. Shipp, A. C. Pabst, and R. B. Killingsworth. 2,374,387; Apr. 24.
Petroleum well fluids, Desalting. J. P. Walker. 2,384,222; Sept. 4.
Pharmaceutical dispensing device. W. A. Nosik. 2,371,774; Mar. 20.
Pharmaceutical preparation and preparing the same, Stable packaged. V. Kitter. 2,380,970; Aug. 7.
Pharmaceutical preparations possessing surface-active properties. H. Engelhard and W. Petri. 2,375,905; May 15.
Pharmaceutical use and improvements in a method for preparing these products, Products for. H. Hirschmann. 2,370,903; Mar. 6.
Pharmaceuticals, Treatment of. C. L. Barthen, J. B. Peterson, and L. A. McClintock. 2,386,157; Oct. 2.
Phase angle indicator. J. E. Shepherd. 2,370,692; Mar. 6.
Phase inverter circuit. J. E. Smith. 2,383,351; Aug. 21.
Phasemeter, Direct reading. E. Labin. 2,368,551; Jan. 30.
Phase modulation receiver. M. G. Crosby. 2,376,125; May 15.
Phase modulation receiving system. B. Trevor. 2,391,807; Dec. 25.
Phase modulator. M. G. Crosby. 2,374,000; Apr. 17.
Phase shifter. K. G. Jansky. 2,390,884; Dec. 11.
Phase shifter. J. E. Shepherd. 2,376,392; May 22.
Phase shifting system. R. E. Mathes. 2,371,905; Mar. 20.
Phenol ethers and products produced thereby, Treating. W. P. Schaufelberger. 2,386,719; Oct. 9.
Phenol-formaldehyde resin and polyamide composition. G. T. Vasis. 2,378,667; June 19.
Phenol-formaldehyde resin coating compositions, Rosin-modified. R. C. Swain and P. Adams. 2,378,366; June 12.
Phenol, Recovery of. W. W. Moyer and W. C. Klingelhoefer. 2,367,731; Jan. 23.
Phenolic compounds, Catalytic production of. D. E. Winkler and S. A. Ballard. 2,369,197; Feb. 13.
Phenolic compounds, Production of. P. H. Williams, S. A. Ballard, and T. W. Evans. 2,369,196; Feb. 13.
Phenolic materials. S. P. Cauley and V. L. Shipp. 2,391,128; Dec. 18.

Phenols, Amination of dihydric. F. R. Bean and T. S. Donovan. 2,376,112; May 15.
Phenols from alkaline treating solutions, Recovery of. L. N. Leum, E. R. Birkhimer, and J. H. McCullough. 2,368,931; Feb. 6.
Phenols, Manufacture of. F. Porter. 2,382,944; Aug. 14.
Phenols, Separating. D. B. Luten, Jr., and A. De Benedictis. 2,366,538; Jan. 2.
Phenols, Treatment of. R. E. Schaad. 2,371,550; Mar. 13.
Phenols with sulphite waste liquor, Condensation of. H. Rudy and R. Watzel. 2,383,586; Sept. 25.
Phenylacetylene from styrene, Removing. F. J. Soday. 2,372,525–6. Mar. 27.
Phenyl endoethylene cyclopentanol. H. A. Bruson. 2,385,790; Oct. 2.
Phenylenediamine derivatives, Preparing. H. Von Bramer and L. G. Davy. 2,381,015; Aug. 7.
Phenyl-isopropyl-amines and the manufacture of same, Alkylated. O. B. Schnider. 2,384,700; Sept. 11.
Phenyl-pentachloro-ethane, Preparing. V. Weinmayr. 2,390,629; Dec. 11.
Phone attachment, Sanitary. L. D. Levy. 2,374,024; Apr. 17.
Phonograph. J. J. Antalek. 2,382,461; Aug. 14.
Phonograph. C. W. Dann. 2,380,727; July 31.
Phonograph. E. W. Franek and H. E. Reeves. 2,380,037; July 10.
Phonograph. W. A. Hardy. 2,380,754; July 31.
Phonograph. C. Huenlich. 2,373,960; Apr. 17.
Phonograph. W. H. Hutter. 2,371,522; Mar. 13.
Phonograph. D. C. Rockola, L. E. Dettle, and E. L. Triman. 2,389,327; Nov. 20.
Phonograph. S. Yerkovich, R. H. Sherman, and G. W. Cameron. 2,371,116; Mar. 6.
Phonograph and projector, Combined. L. Lowy. 2,380,250; July 10.
Phonograph, Automatic. J. A. Boyajian. 2,388,595; Nov. 6.
Phonograph, Automatic. C. B. Dale. 2,374,080; Apr. 17.
Phonograph, Automatic. C. G. Johnson. 2,378,086; June 12.
Phonograph, Automatic. M. W. Kenney. 2,391,246; Dec. 18.
Phonograph disk record cabinet. W. H. Price. 2,381,517; Aug. 7.
Phonograph mechanism. J. J. Shively and H. R. Van Deventer. 2,380,799; July 31.
Phonograph pickup. L. J. Bobb. 2,379,782; July 3.
Phonograph pickup. G. Smith. 2,383,994; Sept. 4.
Phonograph pickup arm control mechanism. J. D. Weaver. 2,374,570; Apr. 24.
Phonograph record repeater. A. L. Barnes. 2,369,938; Feb. 20.
Phonograph recorder. C. G. Johnson. 2,375,658; May 8.
Phonograph switch. T. C. Riebe. 2,382,258; Aug. 14.
Phonographic lens. M. A. Durand. 2,383,115; Aug. 21.
Photometer, Nine position automatic. M. O. Ranoe. 2,376,554; May 22.
Phosphate catalysts, Revivification of spent. R. C. Tollefson. 2,369,693; Feb. 20.
Phosphate, Defluorinating rock. K. L. Elmore. 2,368,649; Feb. 6.
Phosphate minerals, Flotation of. L. J. Christmann and S. E. Erickson. 2,377,129; May 29.
Phosphate ore materials, Settling of. D. S. Phelps. 2,381,514; Aug. 7.
Phosphatide composition. P. L. Julian and E. W. Meyer. 2,374,681; May 1.
Phosphatide product and making. P. L. Julian, E. W. Meyer, and H. T. Iveson. 2,373,686; Apr. 17.
Phosphonamide. L. A. Hamilton. 2,382,309; Aug. 14.
Phosphoric acid and intermediate products, Production of pure. J. H. Coleman. 2,384,814; Sept. 18.
Phosphoric acid manufacture. M. Shoeld. 2,384,773; Sept. 11.
Phosphoric acid, Manufacture of crude. H. S. Ten Eyck, J. Chocholak, and J. H. Coleman. 2,384,856; Sept. 18.
Phosphoric acid, Manufacture of pure. J. H. Coleman. 2,384,813; Sept. 18.
Phosphorus containing plastic polymers from 1,3-dienes. J. L. Parker. 2,382,812; Aug. 14.
Phosphorus, Oxidizing. G. L. Frear. 2,374,188; Apr. 24.
Photocell and filter combination. M. E. Fogle. 2,382,220; Aug. 14.
Photoengraving. W. S. Marx, Jr. 2,391,025; Dec. 18.
Photoelectric controlling or recording system. R. L. Hood. 2,379,233; June 26.
Photoelectric device. D. E. Henry. 2,374,287; Apr. 24.
Photoelectric exposure control. K. Rath. 2,387,466; Oct. 23.
Photoelectric exposure meter. L. Riszdorfer. 2,378,433; June 19.
Photoelectric safety circuit. W. F. Wolfner. 2d. 2,375,456; May 8.
Photoengraver's plate cooler. E. G. Grubbs. 2,385,073; Sept. 18.
Photoengraving or the like. H. C. Alger. 2,387,048; Oct. 16.
Photoengraving process and screen, Halftone. W. S. Marx, Jr., 2,373,489; Apr. 10.
Photoflash lamp. W. C. Fink. 2,386,672; Oct. 9.
Photoflash lamp. O. W. Hopkinson, Jr., and P. B. Tully. 2,367,583; Jan. 16.
Photogrammetry. M. A. Dresser. 2,367,341; Jan. 16.
Photographic and reproducing apparatus. V. E. Pratt. 2,369,247; Feb. 13.
Photographic apparatus. G. A. Burbridge. 2,373,536; Apr. 10.
Photographic apparatus. W. J. Daly. 2,386,781; Oct. 16.
Photographic apparatus. S. F. Monroe. Re. 22,684; Oct. 23.
Photographic apparatus. L. G. Simjian. 2,386,276; Oct. 9.
Photographic apparatus, Automatic. P. S. Allen. 2,380,378; July 31.
Photographic art. H. D. Russell and L. E. Muehler. 2,378,248; June 12.
Photographic article of manufacture. O. W. Murray. 2,386,167; Oct. 2.
Photographic camera. J. Bolsey. 2,367,195; Jan. 16.
Photographic camera-enlarger. J. Gelb. 2,390,065; Dec. 4.
Photographic coating layer. K. J. Challis. 2,372,935; Apr. 3.
Photographic color correction process. R. M. Evans and W. T. Hanson, Jr. 2,371,746; Mar. 20.
Photographic contact, Printer. E. S. Hineline. 2,371,594; Mar. 13.
Photographic developer. F. R. Bean. 2,388,816; Nov. 13.
Photographic developer. A. L. Bunting. 2,374,921; May 1.
Photographic developers. V. H. Reckmeyer. 2,385,763; Sept. 25.
Photographic developers, Single-powder. F. R. Bean. 2,384,592; Sept. 11.
Photographic developing compositions, Stabilized concentrated. G. A. Dawson. 2,366,496; Jan. 2.
Photographic developing machine. G. C. Garraway. Re. 22,654; July 3.
Photographic device. W. L. Appling. 2,388,240; Nov. 6.
Photographic device. A. H. Gaebel. 2,366,722; Jan. 9.
Photographic devices and appurtenances for reproduction purposes, S. Drucker. 2,388,394; Nov. 6.
Photographic duplicating and projection machine. L. M. Severeid. 2,388,768; Nov. 13.
Photographic element. O. W. Murray. 2,379,373; June 26.
Photographic element and making it. L. V. Chilton. 2,368,287; Jan. 30.
Photographic elements containing polyvinylacetal color formers. G. L. Dorough and D. M. McQueen. 2,380,033; July 10.
Photographic emulsion. B. H. Carroll and J. Spence. 2,380,940; Aug. 7.
Photographic emulsion and making same. R. S. Potter and R. F. Brown. 2,376,005; May 15.
Photographic emulsion, Sensitized. B. H. Carroll and J. Spence. 2,373,659; Apr. 17.
Photographic emulsion, Sensitized. G. E. Fallesen and J. A. Leermakers. 2,378,917; June 26.
Photographic emulsions. W. G. Lowe and W. F. Fowler, Jr. 2,367,511; Jan. 16.
Photographic emulsions, developers, and processes of photography. C. D. Wilson. 2,377,302; May 29.
Photographic emulsions, Developing. E. C. Yackel, J. A. Leermakers, and C. J. Staud. 2,388,894; Nov. 13.
Photographic emulsions layers. M. M. Brubaker. 2,384,072; Sept. 4.
Photographic enlarging machine. H. Hjort. 2,369,897; Feb. 20.
Photographic film, Method of and apparatus for processing. H. W. Houston. 2,386,856; Oct. 16.
Photographic film, Water spot prevention in. L. E. Muehler, C. J. Kunz, and G. T. Eaton. 2,367,516; Jan. 16.
Photographic filter and anti-halation layers. N. Heimbach. 2,390,707; Dec. 11.
Photographic fixing method. J. R. Alburger. 2,387,000; Oct. 16.
Photographic flash lamp. E. O. Kalil and W. E. Gleim. 2,375,742; May 8.
Photographic frame. J. H. Fox. 2,377,487; June 5.
Photographic images by color-development, Production of colored. B. Gluck. 2,387,145; Oct. 16.
Photographic images, Production of color. A. Fröhlich and W. Schneider. 2,366,324; Jan. 2.
Photographic images, Production of color. A. Fröhlich and W. Schneider. 2,376,679; May 22.
Photographic images, Production of color. W. Schneider, A. Frohlich, and G. Neugebauer. 2,376,822; May 22.
Photographic layers of colloidal gums and conditioning such gums for such use, Soluble. F. W. H. Mueller. 2,370,321; Feb. 27.
Photographic marking device. L. C. Greer. 2,377,226; May 29.
Photographic mask, Combination field-evening and color-correction. R. M. Evans and N. D. Miller. 2,384,612; Sept. 11.
Photographic material. B. H. Carroll. 2,384,598; Sept. 11.
Photographic material. L. V. Chilton and D. P. Woosley. 2,366,439; Jan. 2.
Photographic material. J. A. C. Yule. 2,367,551; Jan. 16.
Photographic material and treating same. B. Gáspár. 2,368,463; Jan. 30.

Photographic materials. E. B. Knott. 2,369,469; Feb. 13.
Photographic materials, Light sensitive. P. D. Dreyfuss. 2,368,647; Feb. 6.
Photographic method. L. del Riccio. 2,382,616; Aug. 14.
Photographic multicolor images. W. Schneider. 2,374,505; Apr. 24.
Photographic negative holder. H. F. Stiffler. 2,368,079; Jan. 23.
Photographic numbering machine, Daylight. O. A. Ramey. 2,366,804; Jan. 9.
Photographic objective. M. Reiss. 2,388,869; Nov. 13.
Photographic printer. S. A. Foster. 2,383,785; Aug. 28.
Photographic printing. J. F. Kienninger. 266,267; Jan. 2.
Photographic printing. R. Terraneau and J. L. Stuart. 2,372,346; Mar. 27.
Photographic printing frame. M. Egelman. 2,386,888; Oct. 16.
Photographic printing material. M. P. Schmidt and G. Von Foser. 2,378,583; June 19.
Photographic printing method. B. Gáspár. 2,367,936; Jan. 23.
Photographic process. P. H. Donaldson. 2,377,292; May 29.
Photographic process. K. Smith and R. Zerbst. 2,370,330; Feb. 27.
Photographic processing apparatus. H. Smith, Jr. 2,371,073; Mar. 6.
Photographic recorder. J. W. Bryce. 2,370,615; Mar. 6.
Photographic recording equipment, Filter controlled. E. G. Fassel. 2,372,890; Apr. 3.
Photographic recording equipment, Flight test. G. Burrell. 2,378,182; June 12.
Photographic recording method and equipment. E. G. Fassel. 2,367,673; Jan. 23.
Photographic shutter. B. Gehmlich. 2,387,574; Oct. 23.
Photographic shutter tester. W. E. Merriman and C. F. Nichols. 2,376,162; May 15.
Photographic silver halide emulsions. W. J. Weyerts. 2,367,549; Jan. 16.
Photographic stripping film. J. G. Capstaff, G. F. Nadeau, and C. B. Starch. 2,367,665; Jan. 23.
Photographic stripping film. G. T. Lane. 2,391,171; Dec. 18.
Photographic structure. R. F. Brown. 2,373,289; Apr. 10.
Photographic tone correction mask. F. C. Williams, W. T. Hanson, Jr., and H. F. Ott. 2,384,665; Sept. 11.
Photographic transfer paper. R. E. Holmen and R. A. McGlone. 2,384,093; Sept. 4.
Photographically recording the order of passage of moving objects. L. del Riccio. 2,382,617; Aug. 14.
Photographically recording variable processes, Arrangement for. H. Kaiser. 2,366,194; Jan. 2.
Photographing apparatus, Cinematographic. R. Widmer. 2,376,302; May 15.
Photographs in blue tones, Production of. F. Dersch and N. Heimbach. 2,384,897; Sept. 18.
Photographs or the like, Coloring. J. L. Mariani Piazza. 2,369,476; Feb. 13.
Photography. O. W. Murray. 2,369,171; Feb. 13.
Photography. E. M. Symmes. 2,381,234; Aug. 7.
Photography, and compositions and articles therefor utilizing polymeric color formers. Processes of color. D. M. McQueen. 2,367,036; Jan. 9.
Photography, Color. J. A. Ball and L. Plotin. 2,385,599; Sept. 25.
Photography, Color. H. E. Coote. 2,367,335; Jan. 16.
Photography, Color. B. C. Haskin. 2,374,014–5; Apr. 17.
Photography, Color. P. W. Vittum and E. E. Jelley. 2,378,265; June 12.
Photography, Color. J. R. Weber. 2,376,297; May 15.
Photography, Motion picture. A. Hynd. 2,375,477; May 8.
Photography, Stereoscopic. F. H. Avers and E. C. Krebs. 2,385,183; Sept. 18.
Photomechanical printing surfaces, Production of. E. Zieger. 2,388,107; Oct. 30.
Photomechanical reproduction, Indirect. F. G. Yanes. 2,374,910; May 1.
Photomount and frame, Combined. E. G. Belkirch. 2,381,964; Aug. 14.
Photopolymerization. C. L. Agre. 2,367,660–1; Jan. 23.
Photosensitive materials. D. D. Jacobus and J. R. Bose. 2,375,366; May 8.
Phthalate derivatives, Polymerization. I. E. Muskat. 2,377,095; May 29.
Phthalocyanine dyestuffs to pigmentary form, Conditioning. G. M. O'Neal. 2,367,519; Jan. 16.
Phthalocyanines, Production of chlorinated. A. L. Fox and K. C. Johnson. 2,377,685; June 5.
Physiotherapeutic apparatus. D. J. Alexander. 2,382,841; Aug. 14.
Piano. S. C. Shill. 2,377,582; June 5.
Piano action. W. G. Betz. 2,367,192; Jan. 16.
Piano action, Vertical. C. Farny. 2,383,301; Aug. 21.
Piano construction. J. W. Bethune. 2,387,491; Oct. 23
Pick for loading machines. M. S. Moore. 2,370,369; Feb. 27.
Picker. L. W. Campbell. 2,387,384; Oct. 23.
Picker and joint structure therefor, Loom. O. A. Kottemann. 2,389,157; Nov. 20.
Picker and the manufacture of the same, Box. J. J. Brown. 2,389,952; Nov. 27.
Picker, Corn. J. L. Aasland. 2,389,478; Nov. 20.
Picker stick support. H. Hoeber. 2,379,525; July 3.
Picking machine, Cranberry. A. M. Lobdell. 2,376,260; May 15.
Picking mechanism. W. Hamilton. 2,380,170; July 10.
Picking motion, Adjustable. P. E. Provost. 2,371,354; Mar. 13.
Pickle cutting machine. A. Paradis. 2,373,973; Apr. 17.
Pickling bath and preparing same, Ferrous metal. J. D. Ruys and A. Wachter. 2,382,336; Aug. 14.
Pickling solution. S. F. Urban. 2,367,811; Jan. 23.
Pickup. C. B. McElhoe and G. W. Swartz. 2,388,212; Oct. 30.
Pickup. S. D. Russell. 2,378,107; June 12.
Pickup arm mounting. A. L. Knox and F. Kahl. 2,366,858; Jan. 9.
Pickup construction. R. R. Raney. 2,391,348; Dec. 18.
Pickup device, Glider. W. H. McClure and R. B. Cotton. 2,371,635; Mar. 20.
Pickup device, Phonograph. L. J. Bobb. 2,386,089; Oct. 2.
Pickup for wind instruments, Electrical. A. Johnson. 2,383,553; Aug. 28.
Picture album. W. Szymlek. 2,367,381; Jan. 16.
Picture, Animated wall. F. C. Sagendorf. 2,389,085; Nov. 13.
Picture hanger. F. S. Lapeyre. 2,384,478; Sept. 11.
Picture hanger. C. O. Larson. 2,383,658; Aug. 28.
Picture projecting record. G. E. Musebeck. 2,369,483; Feb. 13.
Picture support. M. Bisheff. 2,366,695; Jan. 9.
Picture support. C. N. Cross. 2,373,873; Apr. 17.
Picture, Three-dimensional. J. T. Armbrust. 2,386,418; Oct. 9.
Picture transmission system. J. C. Barnes. 2,369,206; Feb. 13.
Picture transmitter tube mosaic screen. L. E. Flory. 2,373,752; Apr. 17.
Picture transmitting apparatus. A. V. Bedford. 2,368,096; Jan. 30.
Pie holder. V. E. Reyburn. 2,388,442; Nov. 6.
Pie pan dispenser. L. J. Harriss and B. Lambers. 2,389,905; Nov. 27.
Pie pan lifter. C. G. Bailey. 2,367,991; Jan. 23.
Piercer. T. F. Keys. 2,390,309; Dec. 4.
Piercing tool. E. O. Morton. 2,374,031; Apr. 17.
Piezo-crystal device. H. M. Bach. 2,390,048; Dec. 4.
Piezoelectric apparatus. J. P. Arndt, Jr., W. J. Brown, and A. L. W. Williams. 2,387,108; Oct. 16.
Piezoelectric crystal. R. E. Brooks. 2,388,596; Nov. 6.
Piezoelectric crystal. B. Tenenbaum. 2,377,827; June 5.
Piezoelectric crystal apparatus. I. E. Fair. 2,371,613; Mar. 20.
Piezoelectric crystal holder. H. L. Gordon. 2,380,592; July 31.
Piezoelectric crystal structures, Making. H. F. Fruth. 2,387,141; Oct. 16.
Piezoelectric crystals, Determining the characteristics of. G. J. Holton. 2,374,543; Apr. 24.
Piezoelectric crystals, Making. R. E. Brooks. 2,366,954; Jan. 9.
Piezoelectric device. H. G. Baerwald. 2,373,445; Apr. 10.
Piezoelectric device. H. von Beckerath. 2,385,986; Oct. 2.
Piezo-electric device. R. W. Tibbetts. 2,386,279; Oct. 9.
Pig racing apparatus. L. F. Buck. 2,376,028; May 15.
Pigment. F. B. Rethwisch and G. M. Babcock. 2,378,432; June 19.
Pigment composition, Fluorescent sulphide. J. F. Dreyer. 2,385,615; Sept. 25.
Pigment dispersions. P. B. Evans and W. E. Scott. 2,379,070; June 26.
Pigment paste from the water pulp color, Manufacture of a. C. A. Osborne. 2,378,786; June 19.
Pigment preparation. F. W. Gage and P. J. Gegner. 2,374,741; May 1.
Pigment, Production of a highly disperse. W. Müller and L. Spies. 2,378,572; June 19.
Pigment production, Titanium oxide. J. H. Peterson. 2,369,246; Feb. 13.
Pigment, Testing a. J. K. Wise. 2,385,560; Sept. 25.
Pigmentary materials, Preparation of. A. T. McCord and H. F. Saunders. 2,379,019; June 26.
Pigmentation of finely divided plastics. J. D. Jenkins. 2,379,237; June 26.
Pigmenting compositions for textile fabric. P. L. Meunier. 2,377,709; June 5.
Pigments and making the same. C. D. Downs and H. F. Saunders. 2,386,885; Oct. 16.
Pigments and making the same, Composite titanium dioxide. F. L. Kingsbury, S. S. Cole, and W. B. Anderson. 2,369,468; Feb. 13.
Pigments and paints and making same. L. E. Barton. 2,391,118; Dec. 18.
Pigments and products made therewith, Manufacture of. H. R. Rafton. 2,385,379; Sept. 25.
Pigments, Dispersing. R. G. Brown and R. R. Roberts. 2,379,678; July 3.
Pigments, Iron. V. C. Vesce. 2,384,579; Sept. 11.
Pigments, Making. J. C. Heckman. 2,366,855; Jan. 9.

Pigments, Making phthalocyanine. V. A. Giabalvo. 2,375,780; May 15.
Pigments, Manufacture of phthalocyanine. W. B. Reynolds and S. A. Scully. 2,382,441; Aug. 14.
Pigments, Porphine. S. A. Loukomsky and H. T. Lacey. 2,375,120; May 1.
Pigments, Titanium dioxide. D. W. Robertson. 2,378,790; June 19.
Pigskin articles, Method and apparatus for producing imitation. S. A. Richardson. 2,372,517; Mar. 27.
Pile cap. W. N. Swarthout. 2,390,625; Dec. 11.
Pile cap. J. H. Thornley. 2,377,055; May 29.
Pile casing. A. Hood. 2,391,828; Dec. 25.
Pile, Electric regulator. A. H. Chilton. 2,374,416; Apr. 24.
Pile fabric. E. J. Jacob. 2,381,218; Aug. 7.
Pile fabrics, Method and apparatus for making. W. H. King. 2,376,922; May 29.
Pile fabrics and loom used in the production thereof, Producing double faced. R. G. Kavanagh. 2,391,835; Dec. 25.
Pile fabrics, Production of. T. A. Brown. 2,388,465; Nov. 6.
Pile protector. T. P. Lane. 2,385,869; Oct. 2.
Pile shell, Sectional. A. C. Titcomb and M. D. Cronan. 2,371,784; Mar. 20.
Piler, Kier. R. W. Vose. 2,386,371; Oct. 9.
Piling and loading machine. H. Barras. 2,375,205; May 8.
Pillow. E. Schmid. 2,373,422; Apr. 10.
Pilot enclosure. E. F. Burton and A. B. Rogers, Sr. 2,385,684; Sept. 25.
Pilot finder, Variable speed-and-direction operated. O. S. Carliss and C. G. Roper. 2,391,123; Dec. 18.
Pilot for aircraft, Automatic. T. W. Kenyon. 2,373,315; Apr. 10.
Pilot for aircraft, Homing auto. B. G. Carlson. 2,372,184; Mar. 27.
Pilot for gas heaters, Safety. E. R. Koppel. 2,384,114; Sept. 4.
Pilot instructing device. H. B. Grow. 2,389,359; Nov. 20.
Pilot relaying system. M. A. Bostwick. 2,376,752; May 22.
Pilot, Tubular. B. Hayter. 2,373,310; Apr. 10.
Pilot with automatic banking, Aircraft automatic. C. A. Frische and G. N. Hanson. 2,380,425; July 31.
Pin: *See*—
Lap pin. Safety mine car coupling pin.
Locking pin. Safety pin.
Plastic bobby pin. Trailer coupling pin.
Safety clasp pin.
Pin and lock. V. H. Harbert. 2,379,296; June 26.
Pin for temporary fastening of buttons. T. Stumpf. 2,370,696; Mar. 6.
Pin handling machine. J. J. Carr. 2,369,660; Feb. 20.
Pin or the like, Fastening. J. C. Lang. 2,377,086; May 29.
Pin or the like, Fastening. J. C. Lang. 2,377,086; May 29.
Pin setter, Bowling. H. J. Luth, S. R. Krupnick, and R. H. Hansen, Jr. 2,380,601; July 31.
Pin setter for bowling alleys. R. E. Rundell. 2,388,709; Nov. 13.
Pin setting mechanism for bowling alleys. L. W. Bates. 2,388,708; Nov. 13.
Pin tumbling lock. F. Schori. 2,379,040; June 26.
Pincer lifting clamp. F. H. H. Foss. 2,367,766; Jan. 23
Pinch roll assembly. E. H. Cooper. 2,367,201; Jan. 16.
Pinch type bending roll. J. C. Rose and G. E. Stankey. 2,390,274; Dec. 4.
Pine tar, Treating crude. W. C. Smith. 2,379,662; July 3.
Pinene to camphene, Isomerization of. W. J. Kirkpatrick. 2,385,711; Sept. 25.
Pinning machine. M. Menchaca. 2,378,423; June 19.
Pins and the like, Making grooved. F. W. Braendel and C. C. Richards. 2,376,335; May 22.
Pins and the like, Making grooved. F. W. Braendel and C. C. Richards. 2,376,654; May 22.
Pipe: *See*—
Air-cooled smoking pipe. Smoker's pipe.
Boiler steam baffling and dry pipe. Smoking pipe.
Tobacco pipe.
Pipe. F. W. Gans. 2,378,400; June 19.
Pipe. D. C. McCutcheon. 2,370,676; Mar. 6.
Pipe and making same, Reinforced concrete. P. R. Hirsh. 2,375,921; May 15.
Pipe and making same, Smoking. J. A. Donnelly. 2,373,296; Apr. 10.
Pipe and rod bending machine. W. A. Geppelt. 2,373,822; Apr. 17.
Pipe and tube, Brass. R. A. Wilkins. 2,369,813; Feb. 20.
Pipe assembly, Smoke. G. S. Blome. 2,372,707; Apr. 3.
Pipe bender. J. W. Lewin. 2,381,064; Aug. 7.
Pipe bender. S. Mandl. 2,375,310; May 8.
Pipe bending equipment. J. R. Horrigan. 2,371,393; Mar. 13.
Pipe clamping device. O. Staff. 2,388,371; Nov. 6.
Pipe, Conting. F. W. Focha. 2,377,220; May 29.
Pipe coating apparatus. A. G. Perkins. 2,373,638; Apr. 10.
Pipe coating apparatus and method. D. A. Cumfer. 2,371,224; Mar. 13.
Pipe connection. J. Slezak. 2,385,425; Sept. 25.
Pipe coupling. C. R. Jeffreys. 2,376,058; May 15.
Pipe coupling. A. A. McCormack. 2,390,892; Dec. 11.
Pipe coupling. G. K. Newell. 2,385,156; Sept. 18.
Pipe coupling. W. T. Prowd. 2,388,179; Oct. 30.
Pipe coupling. E. W. Rembert. 2,379,990; July 10.
Pipe coupling. C. M. Roe. 2,387,410; Oct. 23.
Pipe cutter. L. J. Pavey. 2,379,177; June 26.
Pipe-cutting machine. J. F. Fall. 2,379,630; July 3.
Pipe-cutting machine. G. J. Lovers and T. Karan. 2,383,607; Aug. 28.
Pipe-cutting machine. F. W. Nation. 2,384,128; Sept. 4.
Pipe-cutting machine. M. C. Smotzer. 2,389,463; Nov. 20.
Pipe-cutting tool. J. B. Gill and T. L. Smith. 2,381,156; Aug. 7.
Pipe fittings, Making. A. Mueller. 2,391,332; Dec. 18.
Pipe hanger system. W. F. Bach. 2,375,513; May 8.
Pipe joint. J. B. Graham. 2,380,690; July 31.
Pipe joint. J. L. Ray. 2,375,494; May 8.
Pipe joint. H. W. Sanford. 2,374,138; Apr. 17.
Pipe joint. W. E. Winn. 2,391,761; Dec. 25.
Pipe line construction, Reinforced concrete. J. L. Stuart and O. Von Voigtlander. 2,378,593; June 19.
Pipe line filter. F. J. Morgan. 2,372,445; Mar. 27.
Pipe lines, Treating. L. F. Scherer and J. A. South. 2,382,262; Aug. 14.
Pipe making machine, Concrete. J. N. Kristich. Re. 22,619; Mar. 13.
Pipe, Manufacture of bell-end. R. L. Barbehenn. 2,383,582; Aug. 28.
Pipe, Method and apparatus for electrically forming. S. Westin. 2,374,794; May 1.
Pipe or tube coupling. T. R. Smith. 2,383,692; Aug. 28.
Pipe, Reconditioning drill. W. A. Abegg. 2,378,525; June 19.
Pipe sections, Joining. A. C. Fischer. 2,368,610; Jan. 30.
Pipe, Smoking. J. B. Giern. 2,382,627; Aug. 14.
Pipe systems, Clearing. M. Russell. 2,371,188; Mar. 13.
Pipe thawing device. J. W. Simon. 2,382,512; Aug. 14.
Pipe union. R. M. Lilly. 2,366,798; Jan. 9.
Pipe-welding, Pressure. A. L. Forbes. 2,376,765; May 22.
Pipe wrapping and method and apparatus for applying same. D. Bronson. 2,377,608; June 5.
Pipe wrench. F. W. Davis. 2,374,423; Apr. 24.
Pipe wrench. E. H. Legg. 2,374,603; Apr. 24.
Piperylene, Chlorination of. F. J. Soday. 2,374,711; May 1.
Piperylene-olefine mixtures and products obtained therefrom, Polymerization of. F. J. Soday. 2,374,242; Apr 24.
Pipes and the like, Detecting flaws in. P. L. Kirk and R. Q. Boyer. 2,371,176; Mar. 13.
Pipes, Curing asbestos-cement. J. A. Cann. 2,377,480; June 5.
Pipes, Machine for producing. J. Ferla. 2,374,086; Apr. 17.
Pipette. D. J. Cohn. 2,376,231; May 15.
Pippettes and the like, Method and apparatus for treating. J. Tannenberg. 2,366,369; Jan. 2.
Piston. I. E. Aske. 2,390,343; Dec. 4.
Piston. J. Barraja-Frauenfelder and O. G. Schrom. 2,372,050; Mar. 20.
Piston. A. L. Bayles. 2,390,915; Dec. 11.
Piston. A. P. Cary. 2,367,185; Jan. 16.
Piston. R. M. Douglas and R. S. Huyck. 2,386,668; Oct. 9.
Piston. H. H. Freeman. 2,378,076; June 12.
Piston. E. W. Ketterling. 2,379,359; June 26.
Piston. V. T. Moore. 2,388,362; Nov. 6.
Piston. A. Y. Nicolle. 2,373,493; Apr. 10.
Piston. A. C. Notturno. 2,369,792; Feb. 20.
Piston. A. Townhill. 2,377,463; June 5.
Piston and cylinder construction. F. W. Gay. 2,384,247; Sept. 4.
Piston and cylinder construction. H. C. Heiskell. 2,372,492; Mar. 27.
Piston and piston ring. H. B. Johnston. 2,376,147–8; May 15.
Piston and ring construction. C. E. Hastings. 2,390,586; Dec. 11.
Piston, Band controlled. A. Townhill. 2,373,518; Apr. 10.
Piston cleaning apparatus. C. A. Stine. 2,376,945; May 29.
Piston connection. R. G. Anderson. 2,387,634; Oct. 23.
Piston construction. B. Dick. 2,370,942; Mar. 6.
Piston construction. O. Krastel. 2,388,422; Nov. 6.
Piston construction. J. B. Reilly. 2,377,059; May 29.
Piston construction, Engine. R. M. Hvid. 2,386,117; Oct. 2.
Piston construction, packing. A. Procter. 2,387,181; Oct. 16.
Piston cooling. E. Waeber. 2,369,500; Feb. 13.
Piston, Engine. J. E. Herron. 2,384,305; Sept. 4.
Piston, Engine cooled. G. L. Moore. 2,369,906; Feb. 20.
Piston expander. C. Melidoni. 2,390,845; Dec. 11.
Piston expander. D. M. Smith. 2,381,699; Aug. 7.
Piston expanding machine. A. J. Davis. 2,379,627; July 3.
Piston for gas engines, Adjustable. R. F. White 2,385,120; Sept. 18.
Piston for internal-combustion engines. R. M. Hall. 2,380,907; July 31.
Piston for internal-combustion engines, Flexible. P. S. Webster. 2,376,214; May 15.
Piston for two-stroke internal-combustion engine. H. Lieberherr. 2,381,065; Aug. 7.

Piston, Internal combustion engine. G. L. Moore. 2,369,907; Feb. 20.
Piston, Multiface. E. R. Dailey. 2,388,781; Nov. 13.
Piston packing. D. M. Smith. 2,383,825; Aug. 28.
Piston ring. T. A. Bowers. 2,390,044; Dec. 4.
Piston ring. E. J. Conrad. 2,391,134; Dec. 18.
Piston ring. C. F. Engelhardt. 2,380,421; July 31.
Piston ring. C. F. Engelhardt. 2,389,141; Nov. 20.
Piston ring. E. A. Koether. 2,380,767; July 31.
Piston ring. H. P. Phillips. 2,372,979; Apr. 3.
Piston ring. H. P. Phillips. 2,387,854–5; Oct. 30.
Piston ring. M. O. Teetor. 2,369,263; Feb. 13.
Piston ring chamfering machine. H. M. Scarff. 2,373,344; Apr. 10.
Piston ring clamping device. H. M. Scarff. 2,388,871; Nov. 13.
Piston ring manufacture. P. S. Lane and D. Hamm. 2,380,654; July 31.
Piston ring structure. T. E. McFall and O. Norton. 2,387,084; Oct. 16.
Piston rings, Electrolytic process of making. H. Van der Horst. 2,367,159; Jan. 9.
Piston rings, Manufacturing. H. M. Bramberry. 2,390,417; Dec. 4.
Piston rod packing assembly, Pump. A. R. Maier. 2,390,602; Dec. 11.
Piston sealing means. B. Dick. 2,383,959; Sept. 4.
Piston, Self-aligning. J. E. Beckwith. 2,390,289; Dec. 4.
Piston structure. F. F. Chamlee. 2,384,533; Sept. 11.
Pitch. D. A. Lister. 2,374,491; Apr. 24.
Pitch-change mechanism for dual rotation propellers, Controllable. H. M. McCoy. 2,367,230; Jan. 16.
Pitch change mechanism for dual rotation propellers, Controllable. H. M. McCoy. 2,389,161; Nov. 20.
Pitch changing mechanism, Hydraulically operated. H. H. Roby. 2,371,187; Mar. 13.
Pitch control device, Automatic propeller. P. R. Lea. 2,382,072; Aug. 14.
Pitch control for helicopter blades. T. O. Brown. 2,378,381; June 19.
Pitch measuring device, Propeller blade. T. J. Whitechester. 2,383,527; Aug. 28.
Pitch propeller control, Variable. C. F. Kettering. 2,377,633; June 5.
Pitot-static air-speed indicator. K. L. Woodman. 2,370,102; Feb. 20.
Pitot static air speed indicator. K. L. Woodman and E. O. Morton. 2,381,327; Aug. 7.
Pitter, Continuous peach. P. Jepson. 2,380,530; July 31.
Pitter, Continuous peach. A. R. Thompson. 2,376,526; May 22.
Pitting machine. G. W. Asjlock, Jr. 2,388,814; Nov. 13.
Pivot for gravity meters. D. H. Clewell. 2,372,252; Mar. 27.
Pivot polisher. V. L. Emanuel. 2,375,092; May 1.
Pivotal mounting. I. E. Coffey. 2,369,535; Feb. 13.
Planchette. J. W. Sloper. 2,381,933; Aug. 14.
Plane, Wood. H. H. Benn. 2,371,946; Mar. 20.
Plane, Wood. H. H. Benn. 2,383,841; Aug. 28.
Planer gauge. L. H. Dierking. 2,372,368; Mar. 27.
Planer, Pitch-speed. W. Rossmanith. 2,387,612; Oct. 23.
Planing machines, Concrete. G. F. Crock. 2,386,662; Oct. 9.
Planishing hammer support. E. J. Seiden. 2,372,021; Mar. 20.
Plank, Fiber. A. Elmendorf; 2,377,484; June 5.
Planking set. K. G. Ausland. 2,371,730; Mar. 20.
Plant, Aircraft power. A. J. Falardeau. 2,368,755; Feb. 6.
Plant, Electric wind. J. R. Albers. 2,388,377; Nov. 6.
Plant extracts, Producing. O. Gisvold. 2,382,475; Aug. 14.
Plant, Fertilizer mixing and distributing. W. J. Sackett. 2,370,077; Feb. 20.
Plant for aircraft, Auxiliary steam. N. C. Price. 2,379,183; June 26.
Plant for cleaning articles smeared with oil, greases, or the like. A. Helfenstein. 2,369,050; Feb. 6.
Plant for vibrating screens, Power. L. G. Symons. 2,387,070; Jan. 9.
Plant growth stimulant. S. B. Mecca. 2,382,326; Aug. 14.
Plant, Heating. A. Ackron. 2,378,376; June 19.
Plant, Power. H. H. Spencer. 2,386,638; Oct. 9.
Plant support. L. Mallcay. 2,383,665; Aug. 28.
Plant topper, Bulbous. A. Freisinger, Jr. 2,366,446; Jan. 2.
Plant, Treating. E. W. Shallock. 2,379,380; June 26.
Plant treatment composition. J. H. Davidson. 2,380,416; July 31.
Planter. C. C. Haas. 2,368,134; Jan. 30.
Planter. J. W. Orendorff. 2,383,413; Aug. 21.
Planter. H. P. Smith. 2,376,559; May 22.
Planter. H. R. Traphagen. 2,390,969; Dec. 11.
Planter. C. H. White. 2,376,464; May 22.
Planter. C. H. White. 2,385,668; Sept. 25.
Planter, Power lift. H. R. Traphagen. 2,390,968; Dec. 11.
Planter, Seed. E. E. England. 2,371,037; Mar. 6.
Planter, Seed. C. W. Lanham. 2,379,724; July 3.
Planter, Two-depth seed. B. M. Deavenport. 2,366,389; Jan. 2.
Planting machine. J. C. Renault. 2,372,739; Apr. 3.
Planting spacer for flats. A. T. Groth. 2,382,221; Aug. 14.
Plants, Killing. G. E. Lynn and B. J. Thiega. 2,378,716; June 19.
Plaque, Casket. J. G. Meadows. 2,389,447; Nov. 20.
Plaster body and making. X. Bean. 2,391,855; Dec. 25.
Plaster cast remover. J. Castro. 2,374,164; Apr. 24.
Plaster casts, Preparing. G. A. Hoggatt. 2,388,543; Nov. 6.
Plaster partition construction. A. C. Olsen. 2,387,342; Oct. 23.
Plaster retarder, Making. H. N. Huntzicker. 2,383,252; Aug. 21.
Plaster, Self-opening, sound-absorbing. T. G. Gregory. 2,382,561; Aug. 14.
Plastic abrasive pad. L. K. Rimer. 2,375,585; May 8.
Plastic article and making the same, Synthetic. J. F. Motson. 2,382,806; Aug. 14.
Plastic articles, Process and apparatus for manufacturing. C. F. Marschner. 2,390,803; Dec. 11.
Plastic articles, Producing. S. Milano. 2,387,034; Oct. 16.
Plastic bobby pin. S. Berman and V. J. Macaluso. 2,378,747; June 19.
Plastic bottle cap. O. A. Koehler. 2,372,725; Apr. 3.
Plastic button. F. G. Purinton. 2,385,467; Sept. 25.
Plastic composition. L. E. Cheyney. 2,380,926; Aug. 7.
Plastic composition. R. F. Hayes. 2,377,231; May 29.
Plastic composition. W. W. Koch. 2,389,370; Nov. 20.
Plastic composition. J. S. Tinsley. 2,375,708; May 8.
Plastic composition and preparing same. J. C. Cowan and H. M. Teeter. 2,384,443; Sept. 11.
Plastic composition containing polyvinyl partial acetal resins. H. D. Cogan and R. W. Quarles. 2,387,831; Oct. 30.
Plastic composition for production of wallboards and making the same. G. M. Bruns. 2,373,945; Apr. 17.
Plastic composition, Protein. S. A. Harrison. 2,375,103; May 1.
Plastic composition, Treating. F. W. Hall. 2,381,495; Aug. 7.
Plastic compositions and articles made therefrom. J. D. Ryan. 2,375,388; May 8.
Plastic compositions and making same, New. G. D. Martin. 2,375,572; May 8.
Plastic compositions and making the same. O. M. Reiff and J. D. Zech. 2,380,466; July 31.
Plastic compositions containing caprylic acid esters. F. A. Strauss. 2,372,522; Mar. 27.
Plastic compositions, Hardenable. M. J. MacDonald, C. S. and F. C. Schwendler. 2,383,609; Aug. 28.
Plastic compositions, Manufacture of. E. J. Cohn and J. D. Ferry. 2,385,803; Oct. 2.
Plastic compositions, Moldable. F. J. Myers. 2,367,423; Jan. 16.
Plastic compositions, Protein-containing. J. H. Lum and R. L. Schaefer. 2,376,607; May 22.
Plastic conduit. G. S. Hendrie. 2,367,643; Jan. 16.
Plastic eye. J. S. Galeski. 2,391,305; Dec. 18.
Plastic injecting apparatus. W. P. Cousino. 2,367,204; Jan. 16.
Plastic masses. F. J. Myers. 2,386,744; Oct. 9.
Plastic material and making it, Resilient. P. B. Roberts. 2,386,264; Oct. 9.
Plastic material, Method of and apparatus for uniting. C. W. Legullion and H. L. Young. 2,377,018; May 29.
Plastic material, Preparing. E. G. Norton. 2,371,349; Mar. 13.
Plastic materials, Manufacture of. C. B. Joseph. 2,370,669; Mar. 6.
Plastic materials, Treatment of. W. Horback and W. D. Paist. 2,366,788; Jan. 9.
Plastic members, Method and product of joining preformed. P. A. Sidell and E. J. Whellman. 2,378,801; June 19.
Plastic, Modified. P. J. Gaylor. 2,366,514; Jan. 2.
Plastic products, Making. W. L. Rast and D. M. Musser. 2,371,313; Mar. 13.
Plastic, Shatterproof. B. Anderson and E. Schweizer. 2,387,227; Oct. 23.
Plastic sheet, Flexible. H. E. Kallmann. 2,381,061; Aug. 7.
Plastic sheet material, Process and apparatus for the production. H. Dreyfus. 2,383,047; Aug. 21.
Plastic suction, Extruded. C. E. Slaughter. 2,375,827; May 15.
Plastic treating apparatus. A. C. Levine. 2,385,143; Sept. 18.
Plastic tubing, Bending. M. German. 2,389,038; Nov. 13.
Plastic watt-hour meter base. R. A. Road. 2,367,433; Jan. 16.
Plasticization of plastics. J. D. Jenkins. 2,379,236; June 26.
Plasticized composition. F. J. Soday. 2,378,447; June 19.
Plasticized compositions. R. H. Barth and H. Burrell. 2,381,247; Aug. 7.
Plasticized compositions. R. T. Dean. 2,389,959; Nov. 27.
Plasticized compositions. R. T. Dean and E. O. Hook. 2,389,489; Nov. 20.
Plasticizer or softening agent, Manufacturer of. W. D. Hedges, J. C. Lowman, and T. J. Kerr. 2,387,393; Oct. 23.

Plasticizer, Resin. C. Opp. 2,385,377; Sept. 25.
Plasticizers and plasticized compositions. W. H. Holst. 2,387,662; Oct. 23.
Plasticizing composition, Producing a. R. T. K. Cornwall. 2,386,381; Oct. 9.
Plastics and films and producing them, Synthetic. W. Laufenberg, E. Maslanka, and H. Weissenburger. 2,382,238; Aug. 14.
Plastics and making same. B. Geller. 2,366,781; Jan. 9.
Plastics, Cellulation of. J. W. Jordan. 2,385,921; Oct. 2.
Plastics, High-frequency electrostatic heating of. H. F. MacMillin. 2,386,966; Oct. 16.
Plastics, Making. J. C. Boyd. 2,372,761; Apr. 3.
Plastics, Manufacture of. J. D. Ferry. 2,385,802; Oct. 2.
Plastics, Plasticization of. J. D. Jenkins. 2,385,920; Oct. 2.
Plate and bearing assembly. M. G. Bales. 2,390,050; Dec. 4.
Plate and preparing the same for offset printing. P. L. Barensfield. 2,374,070; Apr. 17.
Plate, Angle. H. B. Comfort. 2,366,385; Jan. 2.
Plate assembly, Cathode ray tube. S. J. Koch and R. E. Rutherford. 2,372,901; Apr. 3.
Plate, Brake hanger wear. F. Schaefer. 2,383,743; Aug. 28.
Plate burner. F. T. Powers. 2,388,762; Nov. 13.
Plate clamp. C. W. Harrold and E. W. Curtis. 2,386,214; Oct. 9.
Plate, Clutch. G. I. Goodwin. 2,380,835; July 31.
Plate, Evaporator. E. Gygax. 2,369,564; Feb. 13.
Plate for multistack bobbin magazines, End. R. G. Turner. 2,387,197; Oct. 16.
Plate for pin setting frames, Adjustable wear. F. Halek. 2,379,148; June 26.
Plate for plug-in devices, Mounting. P. N. Martin. 2,391,324; Dec. 18.
Plate handling device. L. J. Gaston, Jr., and J. W. Pick. 2,382,626; Aug. 14.
Plate, Hearth. E. A. Lancaster, Jr. 2,375,743; May 8.
Plate holding device. R. Edwards. 2,367,853; Jan. 23.
Plate, Making tin. C. E. Glock. 2,384,086; Sept. 4.
Plate, Oven. H. Kaplan. 2,385,210; Sept. 18.
Plate processing machine, Film or photographic. H. W. Dietert. 2,384,898; Sept. 18.
Plate rapping mechanism. W. D. Yerrick and J. Waitkus. 2,372,997; Apr. 3.
Plate reversing mechanism. C. W. Beck and J. W. Pick. 2,386,925; Oct. 16.
Plate, Screen. F. J. O'Brien. 2,391,501; Dec. 25.
Plate, Storage battery. C. C. White. 2,373,281; Apr. 10.
Plate structures, Interlinked. N. Rubin. 2,372,520; Mar. 27.
Plate, Surge. G. R. Welden. 2,379,126; June 26.
Plate, Wall. E. W. Martin. 2,390,379; Dec. 4.
Platen mounting. E. Kluge. 2,390,156; Dec. 4.
Platen, Sectional. A. W. Metzner. 2,368,674; Feb. 6.
Plates, Flanging bimetallic. G. C. Beishline and C. F. Walp. 2,383,584; Aug. 28.
Plates for cathode ray tubes, Deflecting. R. E. Rutherford. 2,391,273; Dec. 18.
Plates for engine installation, Master connecting. C. J. Frey. 2,378,226; June 26.
Plates, Producing printing. F. H. Hausleiter. 2,369,567; Feb. 13.
Plating, Bright copper. J. F. Beaver, Jr. 2,391,289; Dec. 18.
Platform and leg construction. N. S. Ancell. 2,384,426; Sept. 11.
Platform for elevator hoistways, Working. R. G. Tilton. 2,379,553; July 3.
Platform for lift trucks, Portable. C. D. Fallert. 2,388,730; Nov. 13.
Platform, Portable. A. L. Lewis and F. J. Shepard, Jr. 2,371,106; Mar. 6.
Platform shoe. E. Ferriero. 2,378,074; June 12.
Play ball and making the same. G. S. Radford. 2,376,084; May 15.
Play yard, Infant's. R. C. Bockus and H. J. Landry. 2,381,967; Aug. 14.
Pleating machine, Accordion. W. T. Maxant. 2,387,163; Oct. 16.
Plier, Wire twisting. J. T. Stinson. 2,381,703; Aug. 7.
Pliers. S. R. Bocchino. 2,378,909; June 26.
Pliers. B. E. Range. 2,391,796; Dec. 25.
Pliers. A. L. Vissat. 2,378,264; June 12.
Pliers, Insulation stripping. S. M. Martin. 2,386,327; Oct. 9.
Pliers, Self-locking. A. G. Hanson. 2,370,308; Feb. 27.
Plotting apparatus, Course. A. M. Patterson. 2,386,712; Oct. 9.
Plow. O. L. and L. L. Beasley. 2,385,785; Oct. 2.
Plow. F. L. Dewey. 2,383,373; Aug. 21.
Plow. J. P. Laikam. 2,386,559; Oct. 9.
Plow. J. Morkoski. 2,380,323; July 10.
Plow. C. G. Strandlund. 2,383,022; Aug. 21.
Plow. C. G. Strandlund. 2,384,406; Sept. 4.
Plow. A. E. Young. 2,383,698; Aug. 28.
Plow, Adjustable two-way hand snow. J. S. Martin. 2,388,985; Nov. 13.
Plow assembly for beet harvesters. H. V. Lea and L. W. Schmidt. 2,377,347; June 5.
Plow attachment for tractors. F. P. Noffsinger. 2,384,483; Sept. 11.
Plow, Cultivator. R. M. Miller. 2,390,447; Dec. 4.
Plow hitch. A. E. Rutter. 2,369,984; Feb. 20.
Plow, Obstacle. A. J. Higgins, Jr. 2,381,665; Aug. 7.
Plow point. H. D. Brown and A. E. Freeman. 2,375,073; May 1.
Plow, Rotary. G. P. Bevan. 2,372,172; Mar. 27.
Plowshare. L. Boots. 2,386,424; Oct. 9.
Plow, Snow. D. L. Ellis. 2,375,981; May 15.
Plow, Snow. E. Wandscheer. 2,387,959; Oct. 30.
Plow, Tractor. R. P. Wippel. 2,386,378; Oct. 9.
Plow, Two-way. O. W. Oerman. 2,385,935; Oct. 2.
Plow, Two-way. W. H. Silver. 2,383,689; Aug. 28.
Plug: *See*—
Antisiphoning plug.
Bridging plug.
Electric plug.
Fuse plug.
High pressure test plug.
Injection valve spark plug.
Jacket removing plug.
Removable concrete insert plug.
Shielded spark plug.
Snap-in electric lamp plug
Spark plug.
Threaded sheet metal plug.
Vent plug.
Plug gauge. N. W. Redmer. 2,375,945; May 15.
Plug gauge. M. Riddihough. 2,383,341; Aug. 21.
Plug-in device and socket receptacle. H. H. Eby. 2,380,955; Aug. 7.
Plug means, Cleanout. L. P. McChesney. 2,366,975; Jan. 9.
Plug or rivet welding apparatus, Electric. A. W. Baird. 2,367,257; Jan. 16.
Plug structure. M. P. Laurent. 2,370,804; Mar. 6.
Plug, Valve. S. C. Carter. 2,388,827; Nov. 13.
Plug valve. F. Wheatley, Sr. 2,372,869; Apr. 3.
Plugless valve. M. S. Hall and A. B. and W. Bornstein. 2,387,660; Oct. 23.
Plugs, Gapping spark. R. K. Christie. 2,377,481; June 5.
Plugs, Producing tow line. A. Vaszin. 2,368,388; Jan. 30.
Plumb and level, Sectional. T. F. Seiwell. 2,383,166; Aug. 21.
Plumb bob. G. Sirecl. 2,381,698; Aug. 7.
Plumb bob line reel. Le R. I. Hoagland. 2,384,914; Sept. 18.
Plumb bob reel. E. D. Wells. 2,376,407; May 22.
Plunger drive for pumps. M. W. Huber. 2,377,554; June 5.
Plunger packing. A. St. J. Bowie. 2,388,520; Nov. 6.
Plural feed back system for light sources. W. R. Le Page. 2,388,854; Nov. 13.
Plural-way cock; G. W. Wolcott. 2,376,022; May 15.
Plywood and preparing the same. A. J. Golick and T. W. Dike. 2,368,466; Jan. 30.
Plywood core machine. O. S. Bolling. 2,366,588; Jan. 2.
Pneumatic clutch. R. S. Philbrick. 2,379,592; July 3.
Pneumatic clutch control. L. B. Lindsley. 2,388,857; Nov. 13.
Pneumatic control. F. C. Brammer and W. C. H. West. 2,382,853; Aug. 14.
Pneumatic ejector. H. T. Jeffery. 2,380,651; July 31.
Pneumatic flotation gear. A. C. McKinley. 2,391,326; Dec. 18.
Pneumatic hammer. C. B. Stair. 2,372,029; Mar. 20.
Pneumatic hammer testing machine. H. V. Cordiano, J. J. De Paolo, and H. Lacks. 2,389,138; Nov. 20.
Pneumatic lubricating device. K. E. A. Gothberg, J. T. Ruist, and J. H. E. Thorén. 2,367,721; Jan. 23.
Pneumatic mattress. V. H. Hurt. 2,369,736; Feb. 20.
Pneumatic measuring instrument. C. B. Moore. 2,371,253; Mar. 13.
Pneumatic pickup device. F. G. Olson. 2,384,334; Sept. 4.
Pneumatic power device. E. David. 2,380,152; July 10.
Pneumatic tire. A. E. Dietz. 2,368,974; Feb. 6.
Pneumatic tire. H. T. Kraft and F. H. Comey. 2,388,421; Nov. 6.
Pneumatic valve lapping tool. H. W. Zimmerman. 2,376,746; May 22.
Pocket ash receptacle. H. A. Christian. 2,384,442; Sept. 11.
Pocket calculating machine. A. M. Josepho. 2,380,846; July 31.
Pocket, Carrying. M. H. Brede. 2,387,232; Oct. 23.
Pocket construction. L. Horwitz. 2,391,239; Dec. 18.
Pocket construction for garments. M. C. Shapiro. 2,383,746; Aug. 28.
Pocket, Foundation garment bust. S. Stein. 2,380,199; July 10.
Pocket, Safety. W. Riedel. 2,385,163; Sept. 18.
Pocket, Sanitary detachable. I. Stoeckert. 2,389,697; Nov. 27.
Pocket, Segregating. A. Hess. 2,375,652; May 8.
Pocket, Simulated patch. J. P. Durso. 2,380,721; Nov. 28.
Pocket utensil holder. A. Mosch. 2,371,308; Mar. 13.
Pockets, Making patch. R. S. Pullen. 2,388,012; Oct. 30.
Poise. N. E. Hart. 2,368,984; Feb. 6.
Poke, Animal. A. Gardell. 2,383,718; Aug. 28.
Polarizer, Light. R. A. Smith. 2,370,084; Feb. 20.
Polarizing body, Light. H. H. Styll. 2,387,308; Oct. 23.
Pole, Extension. C. G. Calhoun. 2,384,279; Sept. 4.
Pole feeding mechanism. J. R. Hayes and J. D. Foley. 2,374,429; Apr. 24.
Pole or the like for use in dyeing and analogous apparatus, Hank. S. R. T. Freeman. 2,369,121; Feb. 13.
Pole, Ski. W. E. Pearce. 2,390,267; Dec. 4.
Pole slide protector. W. L. Seide. 2,385,305; Sept. 18.
Pole, Tent. D. A. Wallance. 2,368,692; Feb. 6.

Poles and the like, Joint for. H. Oziek. 2,389,811; Nov. 27.
Polisher. G. J. Soderberg. 2,379,997; July 10.
Polishing and grinding device, Diamond. E. Rothauser. 2,382,099; Aug. 14.
Polishing composition. R. Brown. 2,376,956; May 29.
Polishing composition. L. G. Cartwright. 2,374,414; Apr. 24.
Polishing composition. A. Saunders and L. S. Engle. 2,375,823; May 15.
Polishing composition. A. Saunders and L. S. Engle. 2,375,824; May 15.
Polishing compositions. A. Saunders and L. S. Engle. 2,375,825; May 15.
Polishing compound. L. M. Polan. 2,383,500; Aug. 28.
Polishing device, Diamond. B. Levy. 2,388,751; Nov. 13.
Polishing element. R. M. Hill. 2,378,630; June 19.
Polishing glass and like substances, Method and apparatus for. J. R. Turner, J. H. McLeod, and G. H. Bullock. 2,380,275; July 10.
Polishing or buffing pad. G. D. Rice. 2,370,490; Feb. 27.
Polyamide articles. C. W. J. Wende. 2,389,655; Nov. 27.
Polyamide articles, Manufacture of improved molded. A. F. Smith. 2,372,630; Mar. 27.
Polyamide, Stabilized. R. W. Moncrieff and E. W. Wheatley. 2,378,494; June 19.
Polyamides. M. M. Brubaker. 2,374,576; Apr. 24.
Polyamides. C. J. Frosch. 2,388,035; Oct. 30.
Polyamides. P. Moller and H.-J. Nicolai. 2,367,469; Jan. 16.
Polyamides. G. B. Taylor. 2,374,145; Apr. 17.
Polyamides, Linear. E. L. Martin. 2,389,628; Nov. 27.
Polyamides, Plasticizing. J. H. Balthis. 2,374,069; Apr. 17.
Polyamides, Synthetic linear. D. D. Coffman and H. B. Stevenson. 2,388,676; Nov. 13.
Polyamine, Acylated hydroxylated. M. De Groote and B. Keiser. 2,375,532; May 8.
Polycarboxylic acid condensate of a terpene alcohol-formaldehyde product. M. T. Harvey. 2,383,791; Aug. 28.
Polychloroprenes, Reclaiming waste. W. G. Kirby and L. E. Steinle. 2,391,714; Dec. 25.
Polycondensation products. O. Moldenhauer and H. Bock. 2,378,571; June 19.
Polycondensation products, Production of. O. Moldenhauer and H. Bock. 2,383,880; Aug. 28.
Polycyclic compounds from isophorone and the manufacture of same. O. Huppert. 2,385,281; Sept. 18.
Polycyclic compounds, Nonbenzenoid fused. L. W. Butz. 2,387,830; Oct. 30.
Polyester-amides, High molecular weight linear. C. J. Frosch. 2,386,454; Oct. 9.
Polyesters. C. J. Frosch. 2,388,318; Nov. 6.
Polyglyoxal hydrate. J. F. Walker. 2,379,555; July 3.
Polyharmonic self-tuning damper means. Z. Arkus-Duntov and G. A. Rubissow. 2,367,709; Jan. 23.
Polyhydric alcohol ester of purified hydrogenated rosin, Preparing a. J. N. Borglin. 2,366,589; Jan. 2.
Polyhydric alcohols, Manufacture of. H. Dreyfus. 2,389,347; Nov. 20.
Polyhydroxy alcohols, Production of derivatives of. D. Geitner. 2,379,703; July 3.
Polyhydroxy compounds, Catalyst and producing. L. A. Strengel and F. E. Maple. 2,381,316; Aug. 7.
Polyisobutylene, Stabilization of. W. J. Daly. 2,387,499; Oct. 23.
Polyisobutylene-wax compositions. G. P. Mack. 2,388,984; Nov. 13.
Polymer and its production, New vinyl. M. M. Brubaker. 2,378,536; June 19.
Polymer compositions, Stabilized. I. E. Lightbown and W. J. Sparks. 2,387,518; Oct. 23.
Polymer mixture, Cured. N. S. Beekley, Jr. 2,383,839; Aug. 28.
Polymer of methylene dioxolane, Resinous. W. O. Kenyon and T. F. Murray, Jr. 2,382,640; Aug. 14.
Polymer treatment. W. W. Prichard. 2,387,530; Oct. 23.
Polymeric acetals, Making. J. Dahle. 2,388,238; Nov. 6.
Polymeric esters. W. E. Hanford. 2,371,990; Mar. 20.
Polymeric material obtained by polymerizing a mixture of a conjugated diene and a cyclic imide of an olefinic dicarboxylic acid. G. L. Dorough. 2,384,239; Sept. 4.
Polymeric materials and producing the same, Rubberlike. H. W. Walker. 2,382,684; Aug. 14.
Polymeric materials containing nitrogen-substituted polyamides. M. M. Brubaker. 2,378,977; June 26.
Polymeric materials, Producing. J. C. Cowan and W. C. Ault. 2,373,015; Apr. 3.
Polymeric materials, Recovery of. J. W. C. Crawford and A. D. Jones. 2,389,958; Nov. 27.
Polymeric silicone and making it. R. R. McGregor and E. L. Warrick. 2,384,384; Sept. 4.
Polymeric sulphur containing derivatives and their preparation. W. J. Burke. 2,384,888; Sept. 18.
Polymeric vinylidene chloride, Treating. R. M. Wiley. 2,390,035; Nov. 27.
Polymerizates, Coagulating emulsion. B. M. Vanderbilt and N. S. Beekley, Jr. 2,385,172; Sept. 18.
Polymerizable compound, Stabilization of. E. L. Cline. 2,383,043; Aug. 21.
Polymerizable mixtures containing conjugated diene hydrocarbons and products obtainable thereby, Regulating polymerization of. K. E. Marple. 2,388,167; Oct. 30.
Polymerization. A. M. Clifford and W. D. Wolfe. 2,370,010; Feb. 20.
Polymerization catalyst. R. M. Thomas, D. C. Field, and H. C. Reynolds, Jr. 2,383,627; Aug. 28.
Polymerization catalyst. R. M. Thomas and J. F. Nelson. 2,387,543; Oct. 23.
Polymerization, Inhibiting. H. R. Dittmar. 2,373,464; Apr. 10.
Polymerization method. J. W. Britton and R. C. Dosser. 2,377,752; June 5.
Polymerization mold. R. D. Freeman and G. P. Schmelter. 2,376,244; May 15.
Polymerization of butadiene-1,3. G. L. Browning, Jr. 2,366,313; Jan. 2.
Polymerization of butadiene-1,3 hydrocarbons. E. E. Gruber. 2,391,233; Dec. 18.
Polymerization of butadiene-1,3 hydrocarbons, Regulation of the. C. F. Fryling. 2,376,350; May 22.
Polymerization of olefins. J. Anderson, W. H. Peterson, and S. H. McAllister. 2,380,358; July 10.
Polymerization of olefins, Catalytic. G. C. Bailey and J. A. Reid. 2,381,198; Aug. 7.
Polymerization of organic compounds containing a $CH_2=C<$ Group. B. S. Garvey, Jr. 2,376,963; May 29.
Polymerization of organic liquids. R. T. Coffman and B. M. Marks. 2,391,393; Dec. 25.
Polymerization of unsaturated organic compounds. W. D. Stewart. 2,383,425; Aug. 21.
Polymerization process. M. D. Peterson. 2,388,178; Oct. 30.
Polymerization process for normal olefins. R. M. Thomas and H. C. Reynolds, Jr. 2,387,784; Oct. 30.
Polymerization products. W. L. Semon. 2,384,568; Sept. 11.
Polymerization products, Conjoint. E. W. Moffett and R. E. Smith. 2,390,164; Dec. 4.
Polymerization products, Preparing. E. Lieber. 2,379,728; July 3.
Polymerization products, Vulcanizable. M. C. Throdahl. 2,381,526; Aug. 7.
Polymerization reactions, Controlling. F. J. Soday. 2,375,256; May 8.
Polymerized article, Making cold shaped. W. E. Williams. 2,390,567; Dec. 11.
Polymerized cable blocks. L. I. Komives, J. W. Courtis, and D. E. F. Thomas. 2,391,055; Dec. 18.
Polymerized rubber-like product and making the same. D. Sanderson, H. E. Pfaff, and M. E. Garrison. 2,390,961; Dec. 11.
Polymerizing chloroprene in the presence of sulphur dioxide and product thereof. H. W. Starkweather. 2,371,719; Mar. 20.
Polymerizing olefinic materials. R. E. Brooks, M. D. Peterson, and A. G. Weber. 2,388,225; Oct. 30.
Polymerizing styrene. R. B. Semple. 2,367,805; Jan. 23.
Polymerizing unsaturated compounds. M. A. Pollack, I. E. Muskat, and F. Strain. 2,370,578; Feb. 27.
Polymers. N. G. Fisher and R. H. Wiley. 2,389,662; Nov. 27.
Polymers and copolymers of divinyl benzene, Preparation of partial. G. F. D'Alelio. 2,378,195; June 12.
Polymers and making the same, Modified butadiene. A. M. Clifford and W. D. Wolfe. 2,378,189; June 12.
Polymers and making them, Organo-silicon. J. F. Hyde. 2,371,050; Mar. 6.
Polymers and making them, Organo-silicon. J. F. Hyde. 2,386,467; Oct. 9.
Polymers from dioxane. G. T. Vaala and R. B. Carlin. 2,385,661; Sept. 25.
Polymers from olefins, Producing high molecular weight. W. J. Sparks and R. M. Thomas. 2,389,693; Nov. 27.
Polymers, Melt extruding synthetic. E. L. Martin. 2,367,173; Jan. 9.
Polymers of ethylene, Hydrogen-modified. W. E. Hanford. 2,387,755; Oct. 30.
Polymers of styrene and ring substituted methyl styrenes, Depolymerization of. F. J. Soday. 2,383,922; Aug. 28.
Polymers of unsaturated acid compound and alpha olefinic compound. R. M. Thomas and W. J. Sparks. 2,373,067; Apr. 3.
Polymers, Oxygenated organic. W. F. Gresham. 2,382,938; Aug. 14.
Polymers, Pre-plasticized vinyl. F. K. Schoenfeld. 2,373,347; Apr. 10.
Polymers, Producing. H. Bergk. 2,371,869; Mar. 20.
Polymers, Producing high molecular weight iso-olefin. R. L. Holmes. 2,384,916; Sept. 18.
Polymers, Substituted acrylonitrile. A. M. Clifford. 2,385,258; Sept. 18.
Polymers, Treatment of hydroxylated. R. W. Maxwell. 2,373,135; Apr. 10.
Polymers, Vulcanized high-pressure. H. B. Kellog and P. K. Frolich. 2,391,095; Dec. 18.
Polymethine compounds and preparing them. F. L. White. 2,369,509; Feb. 13.
Polynitroethylene, Production of. A. E. W. Smith, C. W. Scaife, and R. H. Stanley. 2,384,049; Sept. 4.
Polynuclear carbonyl compounds and their enol esters, Manufacture of. K. Miescher and J. Heer. 2,372,841; Apr. 3.

Poly-olefins, Production of. G. W. Hearne and G. A. Stenmark. 2,366,620; Jan. 2.
Polyphase voltage regulator. H. M. Huge. 2,377,152; May 29.
Polystyrene, Production of high viscosity. A. R. Krotzer, W. A. King, and J. H. Kleiner. 2,378,089; June 12.
Polystyrene sheet material. W. Horback. 2,391,092; Dec. 18.
Polyvinyl acetal composition and cement. C. W. Johnson. 2,384,034; Sept. 4.
Polyvinyl acetal composition, Plasticized. E. R. Derby. 2,371,131; Mar. 13.
Polyvinyl acetal plastic compositions. E. R. Derby. 2,378,288; June 12.
Polyvinyl acetals, Making. J. Dahle. 2,370,126; Feb. 27.
Polyvinyl acetate plastic composition. E. R. Derby. 2,377,214; May 29.
Polyvinyl alcohol emulsion coating. W. G. Lowe and K. P. Griffin. 2,376,371; May 22.
Polyvinyl butyral compositions. La V. E. Cheyney. 2,376,030; May 15.
Polyvinyl chloride composition. F. A. Bent. 2,387,111; Oct. 16.
Polyvinyl chloride, Plasticizing. E. R. Meincke. 2,386,405 Oct. 9.
Polyvinyl ethers of beta guanylethanols. R. C. Houtz. 2,378,015; June 12.
Polyvinyl halide composition. T. L. Gresham. 2,371,134; Mar. 13.
Polyvinyl halide composition. T. L. Gresham. 2,372,947; Apr. 3.
Pontoon assembly and using the same. W. W. Macfarren. 2,391,059; Dec. 18.
Pontoon unit for floating dry docks. F. R. Harris. 2,379,903; July 10.
Pop-up spud wrench. C. S. Beverly. 2,384,525; Sept. 11.
Porcelain enameled panel mounting. W. A. Barrows. 2,379,269; June 26.
Porosity during drilling, Determining formation. J. T. Hayward. 2,372,576. Mar. 27.
Porous bodies, Production of. J. Schneider. 2,371,928; Mar. 20.
Porous body expansion joint. A. C. Fischer. 2,370,647; Mar. 6.
Porous formations, Increasing the effective permeability of. E. O. Bennett. 2,379,561; July 3.
Porous insulating articles, Making. N. R. Peterson. 2,378,322; June 12.
Portable, adjustable soap rack and tray. L. Levy. 2,374,023; Apr. 17.
Portable basketball goal. G. A. Gibson. 2,379,572; July 3.
Portable building. S. E. Cowbourne. 2,368,523; Jan. 30.
Portable container. H. J. Hanson. 2,383,058; Aug. 21.
Portable cutting tool. A. G. Bodine, Jr. 2,384,435; Sept. 11.
Portable drill support. J. A. Henderson. 2,390,709; Dec. 11.
Portable electric drill. F. Seaboly. 2,373,785; Apr. 17.
Portable electric heater. F. Graves. 2,379,705; July 3.
Portable electric lighting device. G. R. Fuss. 2,373,390; Apr. 10.
Portable filter. L. S. Farrell. 2,389,189; Nov. 20.
Portable folding crib. C. Dobrenen. 2,369,885; Feb. 20.
Portable former. E. C. Stinson and E. D. Hall. 2,383,923; Aug. 28.
Portable hand held electric tool. W. G. Mitchell. 2,373,842; Apr. 17.
Portable grease receptacle. R. D. Hyatt. 2,368,065; Jan. 23.
Portable insulation slitting tool. C. V. Lundeen. 2,391,722; Dec. 25.
Portable intermittent clutch tool. W. M. Emery. 2,373,665; Apr. 17.
Portable magazine type package cooler. J. R. Burdette. 2,384,156; Sept. 4.
Portable overhead jack. H. K. Christie. 2,370,842; Mar. 6.
Portable oxygen-acetylene generator. R. B. Swift. 2,381,319; Aug. 7.
Portable parts cabinet. J. Brownlie and R. Gerstenzang. 2,387,741; Oct. 30.
Portable picture screen. L. J. Du Mais. 2,370,235; Feb. 27.
Portable race track. B. L. Mobley. 2,376,444; May 22.
Portable range. S. T. Howard. 2,391,460; Dec. 25.
Portable riveting press. C. Desoutter. 2,374,737; May 1.
Portable steaming apparatus. H. K. Elman and R. C. Bergmann. 2,387,724; Oct. 30.
Portable storage tank. C. M. Wickstrum. 2,391,374; Dec. 18.
Portable tool. A. G. Imhof and L. Hoyles. 2,389,314; Nov. 20.
Portable truck grain elevator. R. L. Kooiker. 2,388,921; Nov. 13.
Portable, vertically adjustable, and collapsible stand. H. E. Eller. 2,386,450; Oct. 9.
Portfolio. N. B. Langworthy. 2,378,020; June 12.
Portfolio. S. Perlin. 2,390,958; Dec. 11.
Porthole extrusion die. K. B. Guiney. 2,368,355; Jan. 30.
Position control mechanism. H. F. Lawrence. 2,391,578; Dec. 25.
Position determining means. H. J. Smith and P. W. Zingaro. 2,366,939; Jan. 9.
Position setting device. R. N. Roth. 2,369,690; Feb. 20.
Positioning apparatus, Work. L. Meister. 2,383,008; Aug. 21.
Positioning fixture. F. I. Rataiczak. 2,377,965; June 12.
Positioning means. C. H. Bachman and J. T. Tschopp. 2,380,209; July 10.
Positive displacement gear pump. S. R. Etnyre. 2,382,042; Aug. 14.
Post construction, Vehicle framing. I. Johnsen, Jr. 2,379,640; July 3.
Post, Cycle saddle. R. W. Faulhaber. 2,374,809; May 1.
Post driver. O. A. Dirksen and H. G. Beesley. 2,378,131; June 12.
Post puller. J. T. Sanders. 2,377,652; June 5.
Post, Reinforced concrete. W. H. Wascher. 2,378,814; June 19.
Post, Steering. E. F. Pawsat. 2,383,273; Aug. 21.
Post, Terminal. H. W. Wild. 2,386,171; Oct. 2.
Poster, Display. R. E. Paige. 2,376,180; May 15.
Poster, Easel. B. Salussolia. 2,377,455; June 5.
Posting unit. O. S. Field and S. N. Wight. 2,378,294; June 12.
Posture chair. W. F. Herold. 2,374,350; Apr. 24.
Pot, Fire. F. R. Higley. 2,378,220; June 12.
Pot holder. L. W. Norton. 2,375,129; May 1.
Pot type burner. R. W. De Lancey. 2,366,839; Jan. 9.
Potash alum, Dehydration and calcination of. G. Gallo. 2,369,037; Feb. 6.
Potato grader chain. T. J. Lockwood. 2,387,918; Oct. 30.
Potato harvester. B. L. Spafford. 2,373,426; Apr. 10.
Potato harvesting machine. L. L. Lundberg. 2,381,172; Aug. 7.
Potato harvesting machine. F. Reavill. 2,376,723; May 22.
Potentiometer. R. K. Frazier. 2,388,534; Nov. 6.
Pothead. J. S. Jammer. 2,380,048; July 10.
Pottery ware, Method and apparatus for appendaging. W. J. Miller. 2,374,555; Apr. 24.
Potteryware. Method and apparatus for jiggering. W. J. Miller. 2,384,845; Sept. 18.
Pottery ware, Method and apparatus for manufacturing. W. J. Miller. 2,370,410; Feb. 27.
Pouches, Manufacturing. C. K. Billeb. 2,380,914; Aug. 7.
Poultry and live stock feeder. F. L. Spivey. 2,386,010; Oct. 2.
Poultry handling method. C. B. Franz. 2,381,044; Aug. 7.
Pouring attachment for bottles. C. E. Stow. 2,384,206; Sept. 4.
Pouring dispenser. J. T. Goodman. 2,368,540; Jan. 30.
Pour-out finishes for containers. C. Chew and R. H. Levis, II. 2,387,213; Oct. 16.
Powder and making the same, Molding. R. A. Caughey. 2,381,205; Aug. 7.
Powder box. J. P. Smith. 2,379,853; July 3.
Powder charging device. W. S. Reynolds. 2,369,251; Feb. 13.
Powder container and blower package. E. T. Ahern. 2,366,702; Jan. 9.
Powder, Filter. T. C. Atwell. 2,390,490; Dec. 11.
Powder, Making extruded. C. E. Silk. 2,381,468; Aug. 7.
Powder, Manufacture of propellant. B. Troxler. 2,370,209; Feb. 27.
Powder, Manufacture of smokeless. B. Troxler. 2,370,272; Feb. 27.
Powder metallurgy. J. J. Cordiano. 2,370,396; Feb. 27.
Powder metallurgy. H. A. Toulmin, Jr. 2,384,215; Sept. 4.
Powder metallurgy of brass. R. L. Patterson. 2,368,943; Feb. 6.
Powder metallurgy of high-speed steel. N. K. G. Tholand. 2,372,696; Apr. 3.
Powder process, Smokeless. C. E. Silk. 2,375,175; May 1.
Powder, Propellant smokeless. H. H. Holmes. 2,385,135; Sept. 18.
Powder, Propellent. H. B. Alexander. 2,379,056; June 26.
Powder, Scouring and polishing. J. M. Bleakney. 2,384,006; Sept. 4.
Powder stick, Talcum. R. W. Teichner. 2,390,473; Dec. 4.
Powdered solids, Handling. G. W. Watts. 2,378,607; June 19.
Powders, Brass. J. Wulff. 2,373,158; Apr. 10.
Power drive for window regulators. H. L. Hill. 2,382,791; Aug. 14.
Power-driven tool. C. S. Schlenzig. 2,372,125; Mar. 20.
Power-driven wringer. J. W. Burt. 2,373,377; Apr. 10.
Power earth mover. C. E. Patterson. 2,376,979; May 29.
Power factor controlling apparatus. E. H. Haug. 2,380,522; July 31.
Power installation. S. S. Cook and L. M. Douglas. 2,367,099; Jan. 9.
Power lift. F. T. Court. 2,369,436-7; Feb. 13.
Power lift. A. A. Scarlett and J. H. Hamilton. 2,370,197; Feb. 27.
Power lift. W. H. Silver. 2,368,266; Jan. 30.
Power lift and power-driven implement. L. V. Kingsbury. 2,384,623; Sept. 11.

Power lift mechanism. W. H. Silver. 2,366,155; Jan. 2.
Power limiter for discharge tubes. W. Van B. Roberts. 2,363,780; Feb. 6.
Power line. H. A. Starret. 2,375,258; May 8.
Power line transfer and disconnect switch. R. F. Gibbons. 2,366,465; Jan. 30.
Power operated clutch. E. G. Lewis. 2,384,182; Sept. 4.
Power-operated tooth brush. E. H. Tompkins. 2,379,049; June 26.
Power-operated window regulator. E. L. Ackerman and A. V. Crump. 2,373,085; Apr. 10.
Power-operating means for tooth brushes. J. R. Nalbach and W. F. Gresham. 2,372,731; Apr. 3.
Power output amplifier circuit. W. R. Koch. 2,383,867; Aug. 28.
Power plant. J. Stucke. 2,383,996; Sept. 4.
Power plant. E. Womble. 2,371,011; Mar. 6.
Power plant assembly. S. Gilbert. 2,368,537; Jan. 30.
Power plant, Combined steam, and gas or Diesel. J. Gaisberger. 2,370,949; Mar. 6.
Power plant control means. E. Martin. 2,391,323; Dec. 18.
Power plant, Elastic fluid. F. Nettel and J. Kreitner. 2,379,452; July 3.
Power plant for aircraft. A. H. R. Fedden, F. M. Owner, F. M. Thomas, and S. W. Mansell. 2,389,778; Nov. 27.
Power plant for aircraft. A. Lysholm. 2,385,366; Sept. 25.
Power plant, Gas turbine. H. Pfenninger. 2,390,959; Dec. 11.
Power plant, Jet propulsion. C. P. Heintze. 2,383,385; Aug. 21.
Power plant, Steam. A. Doble. 2,379,887; July 10.
Power press. W. S. Wilkins. 2,375,398; May 8.
Power regulation for aircraft engines. A. Stieglitz. 2,384,353; Sept. 4.
Power shovel dipper door latch. C. E. Jones. 2,376,597; May 22.
Power spraying machine. S. L. Dalton. 2,381,649; Aug. 7.
Power steering gear. W. K. Creson. 2,391,819; Dec. 25.
Power structure. K. W. Couse. 2,386,597; Oct. 9.
Power supply for electron microscopes. A. W. Vance. 2,377,283; May 29.
Power supply system, Battery-generator. D. G. Ihrig. 2,386,118; Oct. 2.
Power supply, Unidirectional. M. Cawein. 2,373,165; Apr. 10.
Power system. M. A. Edwards. 2,368,456; Jan. 30.
Power system including a rotary transformer. H. Newsam. 2,372,511; Mar. 27.
Power tail gate. L. S. Wood. 2,391,813; Dec. 25.
Power take-off. C. Gerst. 2,389,847; Nov. 27.
Power take-off. H. R. Van Vleck. 2,379,940; July 10.
Power take-off. J. E. Young. 2,379,775–6; July 3.
Power take-off lock out mechanism. G. D. Shaeffer. 2,369,078; Feb. 6.
Power tool. A. L. Sohm. 2,370,885; Mar. 6.
Power transmission. M. S. Baker. 2,369,126; Feb. 13.
Power transmission. F. T. Harrington. 2,366,398; Jan. 2.
Power transmission. M. Hayden. 2,368,138; Jan. 30.
Power transmission. J. F. Jeanniu. 2,377,556; June 5.
Power transmission. V. E. Matulaitis. 2,373,902–3; Apr. 17.
Power transmission. C. A. Neracher, W. T. Dunn, T. Iavelli, and A. J. Syrovy. 2,383,149; Aug. 21.
Power transmission. H. F. Patterson. 2,369,848; Feb. 20.
Power transmission. C. D. Peterson and A. H. Deimel. 2,366,369; Feb. 13.
Power transmission. E. L. Rose. 2,382,027; Aug. 14.
Power transmission. R. L. Tweedale. 2,366,161; Jan. 2.
Power transmission apparatus for track-laying vehicles. H. A. Knox and B. F. Baker. 2,389,624; Nov. 27.
Power-transmission belts, Manufacturing endless. B. W. Wetherbee. 2,386,761; Oct. 16.
Power transmission device. H. W. Jespersen. 2,390,792; Dec. 11.
Power transmission for sawmill carriages. B. W. Andrus. 2,386,923; Oct. 16.
Power transmission gear. H. F. Hobbs. 2,381,593; Aug. 7.
Power transmission, Gyroscopic. D. T. Williams. 2,390,341; Dec. 4.
Power transmission, Hydraulic. G. F. Hall. 2,378,844; June 19.
Power transmission means. V. W. Farris. 2,374,672; May 1.
Power transmission mechanism. O. V. Malmquist. 2,384,110; Sept. 4.
Power transmission mechanism. P. Orr. 2,369,976; Feb. 20.
Power transmission mechanism. A. D. Pentz. 2,381,772; Aug. 7.
Power transmission mechanism, Starting and stopping. A. S. Sheroff. 2,372,397; Mar. 27.
Power transmission system. J. W. Podesta. 2,382,023; Aug. 14.
Power transmission unit with load speed and direction control. L. A. Trofimov. 2,384,776; Sept. 11.
Power transmission, Variable-speed. G. M. Harry. 2,376,429; May 22.
Power transmitter, Fluid operated. W. Jastrzebski. 2,377,886; June 12.
Power transmitting apparatus. D. E. Jewitt. 2,380,243; July 10.
Power transmitting apparatus. S. Mayner. 2,381,682; Aug. 7.
Power transmitting apparatus. E. E. Wemp. 2,382,034; Aug. 14.
Power transmitting device. C. J. Werner. 2,383,901; Aug. 28.
Power transmitting mechanism. W. H. De Lancey. 2,390,240; Dec. 4.
Power transmitting mechanism. R. H. Lawson. 2,374,360; Apr. 24.
Power-transmitting mechanism. J. W. Marsh. 2,377,350; June 5.
Power transmitting mechanism. J. M. Morgan. 2,385,457; Sept. 25.
Power truck and propulsion means therefor. W. A. Wildenhein. 2,387,696; Oct. 23.
Power unit. E. E. Bohn. 2,366,172; Jan. 2.
Power unit apparatus. E. A. Rockwell. 2,382,444; Aug. 14.
Power unit, Food mixer. V. C. Kennedy. 2,382,158; Aug. 14.
Power unit for food processors. A. Strauss, E. G. Feltman, M. M. Hunt and W. D. Harbaugh. 2,372,862; Apr. 3.
Power unit, Hydraulic. M. A. Mathys. 2,374,764; May 1.
Power unit, Supercharged compression-ignition internal-combustion. F. Marburg. 2,376,160; May 15.
Power unit system. E. A. Rockwell. 2,383,618; Aug. 28.
Power, voltage, or current regulator. G. C. Sziklai. 2,368,582; Jan. 30.
Power winch. C. J. Whiting. 2,378,117; June 12.
Practicing device, Indoor golf. R. H. Elkins. 2,375,904; May 15.
Precipitator. G. W. Penney and R. A. Nielsen. 2,382,254; Aug. 14.
Precipitator, Automatic electrical. V. Dahlman. 2,383,111; Aug. 21.
Precipitator, Dust. W. R. Appeldoorn. 2,370,629; Mar. 6.
Precipitator, Electrical. H. J. White. 2,386,827; Oct. 16.
Precision balance. J. E. Seederer. 2,373,056; Apr. 3.
Precision grinding wheel dressing device for pantograph machines. L. Nachemov. 2,388,216; Oct. 30.
Precision pivot bearing. W. S. Pierce, Jr. 2,375,322; May 8.
Precision threading attachment. C. E. Miller and J. M. Ingalls. 2,376,164; May 15.
Precision timer. E. Timbs. 2,382,833; Aug. 14.
Predictor, Antiaircraft fire control. E. W. Chafee and B. A. Wittkuhns. 2,378,910; June 26.
Prefabricated structure for containers and the like. H. B. Lindsay. Re. 22,693; Nov. 20.
Prefabricating jig. H. B. Lathrop. 2,376,604; May 22.
Preference relaying, Directional ground. S. L. Goldsborough. 2,381,277; Aug. 7.
Preforming die. M. M. Burgess. 2,377,128; May 29.
Preheater roll, High-pressure steam. C. W. Grimm. 2,374,745; May 1.
Preparation of a phosphatide composition. P. L. Julian and E. W. Meyer. 2,391,462; Dec. 25.
Preparation of acetylenic alcohols, Continuous. E. F. Smith. 2,385,546; Sept. 25.
Preparation of alkali-metal ω-cyanoguanidodithiocarbonates. R. L. Sperry. 2,368,894; Feb. 6.
Preparation of α-β-dichloropropionitrile. J. K. Sumner. 2,390,470; Dec. 4.
Preparation of alpha-beta unsaturated nitriles. F. E. Kung. 2,375,005; May 1.
Preparation of α-d-galacturonic acid. C. S. Hollander. 2,370,961; Mar. 6.
Preparation of alumina from clay. R. J. Davies, H. O. Dering, and T. W. Parker. 2,375,977; May 15.
Preparation of amino carboxylic acids and their salts. G. O. Curme, Jr., H. C. Chitwood, and J. W. Clark. 2,384,818; Sept. 18.
Preparation of amino triazoles. D. W. Kaiser. 2,382,156; Aug. 14.
Preparation of aromatic nitrocompounds. M. C. Knake. 2,380,246; July 10.
Preparation of calcium pantothenate. G. H. Carlson and S. R. Safir. 2,390,499; Dec. 11.
Preparation of catalyst and dehydrogenating hydrocarbons with same. M. P. Matuszak. 2,379,172; June 26.
Preparation of chlorinated rubber compositions. L. Auer. 2,382,529; Aug. 14.
Preparation of compounds of tungsten and similar metals from their ores and residues. G. and E. E. Boericke. 2,390,687; Dec. 11.
Preparation of cooked starchy vegetables in powder form. T. Rendle. 2,381,838; Aug. 7.
Preparation of dichlorobutenes by the chlorination of butadiene. A. S. Carter. 2,369,117; Feb. 13.
Preparation of diolefinic resins. H. L. Gerhart. 2,387,895; Oct. 30.
Preparation of ethylene polymers. C. H. Greenewalt. 2,388,138; Oct. 30.
Preparation of glass testing pieces. V. Walker. 2,367,704; Jan. 23.

Preparation of isomers of substituted poly-olefinic compounds. R. C. Morris and J. L. Van Winkle. 2,375,023; May 1.
Preparation of lecithin. R. H. Sifferd. 2,371,476; Mar. 13.
Preparation of nitrolic acids and pseudonitroles. E. M. Nygaard, J. H. McCracken, and T. T. Noland. 2,370,185; Feb. 27.
Preparation of p-cymene from a mono-cyclic terpene. W. Hull. 2,388,359; Nov. 6.
Preparation of red copper oxide. A. H. Du Rose and C. F. Robison. 2,385,066; Sept. 18.
Preparation of sols. M. D. Marshall. 2,391,253–5; Dec. 18.
Preparation of synthetic rubber-like materials by emulsion polymerization. G. E. Serniuk. 2,384,969; Sept. 18.
Preparation of tetra-alpha-chloroanthraquinone. E. E. Beard. 2,378,745; June 19.
Preparation of unsaturated aliphatic gaseous hydrocarbons, etc. R. E. Burk. 2,371,147; Mar. 13.
Preparation of vinyl halides. W. A. Lazier. 2,389,626; Nov. 27.
Preparing a molded zein article and the resulting article. S. J. Bers. 2,385,679; Sept. 25.
Preparing cadavers for burial. C. P. Moody. 2,388,337; Nov. 6.
Prepayment meter. P. Moos. 2,370,480; Feb. 27.
Preservative composition and method. M. V. Noble. 2,375,868; May 15.
Preservative composition and preparing same. F. H. Gardner. 2,371,884; Mar. 20.
Preserving foods in flexible-walled fluid-tight bags. H. F. Waters. 2,380,134; July 10.
Preserving rubber. A. M. Neal and J. R. Vincent. 2,388,562; Nov. 6.
Press: *See*—
- Automatic molding press.
- Baling press.
- Bomb loading press.
- Briquetting press.
- Continuous press.
- Crank press.
- Die press.
- Extrusion press.
- Forging press.
- Forming press.
- Hand punch press.
- Hydraulic arbor press.
- Hydraulic draw press.
- Hydraulic press.
- Injection press.
- Intaglio printing press.
- Lever press.
- Liquid expressing press.
- Molding press.
- Multiple sheet metal stamping press.
- Portable riveting press.
- Power press.
- Printing press.
- Rotary printing press.
- Rotary web printing press
- Shaping press.
- Ski press.
- Sole attaching press.
- Tire press.
- Toggle lever press.
- Triple action automobile body press.
- Turret press.
- Veneer press.
- Vulcanizing press.
- Welt shoe press.

Press. A. A. Byerlein. 2,378,062; June 12.
Press. R. P. Frost. 2,387,839; Oct. 30.
Press. L. M. Kahn. 2,383,723; Aug. 28.
Press. R. Martin. 2,373,770; Apr. 17.
Press. F. J. Rode and M. R. Hatch. 2,389,818; Nov. 27.
Press actuated shutoff. R. H. Blank. 2,386,585; Oct. 9.
Press for automotive vehicle housings and associated parts. M. S. Merrill and L. W. Alfred. 2,372,509; Mar. 27.
Press for consolidating powder in detonating caps and the like. E. Davis and W. F. Gayring. 2,367,103; Jan. 9.
Press for drawing blanks. F. H. Maloney. 2,369,064; Feb. 6.
Press opening device. R. J. Randall. 2,372,852; Apr. 3.
Press pad. J. L. Berger. 2,369,643; Feb. 20.
Press, particularly for photographic purposes. A. W. Perry. 2,375,491; May 8.
Press section for paper making machines, Reverse. E. E. Berry. 2,386,584; Oct. 9.
Press structure. W. Ernst. 2,384,160–1; Sept. 4.
Presser foot for ribbon bindings. R. J. Beyer. 2,377,204; May 29.
Presser foot, Sewing machine. J. Cosentino. 2,384,454; Sept. 11.
Presses, Charging. F. S. Carver. 2,373,539; Apr. 10.
Presses, Method of and apparatus for charging extrusion. A. J. N. Ducios. 2,368,751; Feb. 6.
Pressing and ironing device, Steam-electric. M. M. Kistner. 2,384,839; Sept. 18.
Pressing apparatus for shaping clay and operation. W. J. Miller. 2,379,737; July 3.
Pressing device with endless strips. T. V. Thomas. 2,369,089; Feb. 6.
Pressing head, Fabricated. F. C. Lornitzo. 2,370,612; Feb. 27.
Pressing head, Fabricated multipurpose. F. C. Lornitzo. 2,370,553; Feb. 27.
Pressing iron. E. P. Schreyer. 2,384,644; Sept. 11.
Pressing machine for ends of boxes and covers. W. P. Osgood. 2,381,364; Aug. 7.
Pressure actuated valve. D. G. Taylor. 2,376,525; May 22.
Pressure and temperature responsive mechanism. F. C. Mock. 2,376,711; May 22.
Pressure and vacuum relief device. H. Beddoes. 2,367,260; Jan. 16.
Pressure-applying device, Hydraulic. H. E. Page. 2,386,568; Oct. 9.
Pressure can for frozen foods or the like, Preset. R. Lo Vico. 2,372,331; Mar. 27.
Pressure casting machine. J. R. Schuchardt. 2,386,271; Oct. 9.
Pressure control valve. C. V. Smith. 2,384,202; Sept. 4.
Pressure device, Amplifying fluid. E. A. Rockwell. 2,372,013; Mar. 20.
Pressure establishing mechanism. C. W. Williams. 2,369,704; Feb. 20.
Pressure exerting mechanism. V. E. Rosenlund and C. S. Fuzak. 2,371,547; Mar. 13.
Pressure filter. W. O. Damme and R. J. Gabler. 2,379,848; July 3.
Pressure fluid clutch. L. O. McLean and F. L. White. 2,370,360; Feb. 27.
Pressure gauge. H. Allen. 2,369,650; Feb. 20.
Pressure gauge. L. Dewan. 2,378,201; June 12.
Pressure gauge. W. T. Gordon. 2,372,195; Mar. 27.
Pressure gauge. M. A. Greenfield. 2,367,211; Jan. 16.
Pressure gauge. H. P. Kuehni. 2,376,156; May 15.
Pressure gauge. J. W. Marsh. 2,370,678; Mar. 6.
Pressure gauge. F. C. Sutliffe and R. Ashley. 2,372,864; Apr. 3.
Pressure indicator for hack saws. W. H. Shortell. 2,381,988; Aug. 14.
Pressure limiting means for braking systems. C. B. Fites. 2,366,606; Jan. 2.
Pressure limiting washer assembly. L. Spencer. 2,369,865; Feb. 20.
Pressure measuring apparatus. C. C. Minter. 2,374,945; May 1.
Pressure measuring device. W. V. Hobbs. 2,388,542; Nov. 6.
Pressure mechanism, Fluid. G. E. Huck and F. O. Luenberger. 2,384,169; Sept. 4.
Pressure operated system. H. C. Grant, Jr. 2,368,212; Jan. 30.
Pressure operated tool connector. D. F. Geiger. 2,373,886; Apr. 17.
Pressure pump. A. G. Gurries and T. B. Keesling. 2,370,534; Feb. 27.
Pressure recorder, Bottom hole. H. Allen. 2,366,826; Jan. 9.
Pressure regulating selector valve. J. B. Van Der Werff. 2,377,115; May 29.
Pressure regulator. A. Boynton. 2,366,174; Jan. 2.
Pressure regulator. G. M. Deming. 2,378,468; June 19.
Pressure regulator, bellows type. A. Boynton. 2,371,219; Mar. 13.
Pressure regulator, temperature resistant. A. Boynton. 2,370,139; Feb. 27.
Pressure release valve. E. H. Wittenberg. 2,368,281; Jan. 30.
Pressure relief valve. H. C. Osborn, Jr. 2,373,046; Apr. 3.
Pressure responsive control instrument. R. J. Hurley. 2,386,164; Oct. 2.
Pressure responsive measuring device, Atmospheric. A. O. Grooms. 2,366,897; Jan. 9.
Pressure responsive switch. J. H. Leslie, II. 2,386,807; Oct. 16.
Pressure responsive valve. D. G. Griswold. 2,377,227; May 29.
Pressure roller. W. F. Grupe. 2,374,194; Apr. 24.
Pressure sealing joint. M. A. Gleeson. 2,384,672; Sept. 11.
Pressure sensitive labels, Making. R. S. Avery. 2,391,539; Dec. 25.
Pressure shock absorber for welding systems. B. Baxter and S. M. Kandarian. 2,367,662; Jan. 23.
Pressure snubber. H. C. Trich. 2,372,408; Mar. 27.
Pressure storage tank. C. L. Marner. 2,376,263; May 15.
Pressure system, Fluid. S. Schnell. 2,368,043; Jan. 23.
Pressure switch. C. V. Erickson. 2,381,582; Aug. 7.
Pressure tank. R. C. Ulm. 2,380,089; July 10.
Pressure transfer device. A. E. Baak. 2,369,707; Feb. 20.
Pressure unloading valve. D. Grant. 2,375,411; May 8.
Pressure vessel and making the same, Banded. C. H. Gay. 2,376,351; May 22.
Pressure vessel and support. P. D. Hishon, W. D. Carter, T. N. Ravn, and H. L. Borchers. 2,387,024; Oct. 16.
Pressure vessel closure. H. A. Buehner. 2,389,118; Nov. 20.
Pressure vessel construction. E. F. Miller. 2,375,999; May 15.
Preventing backflow or back-siphonage in a pressure system. F. Carlton. 2,389,413; Nov. 20.
Preventing deterioration in rail fastenings and the like. J. R. Snyder. 2,389,464; Nov. 20.
Prewelt lasting machine. M. Natanson. 2,378,153; June 12.
Prime mover governing mechanism. L. B. Wales. 2,373,621; Apr. 10.
Primer and manufacturing and loading the same. W. P. Hill. 2,366,333; Jan. 2.
Primer cup racking device. C. S. Holcomb and R. Overson. 2,387,661; Oct. 23.
Primer manufacture. C. W. Musser. 2,379,450; July 3.
Primer pocket. S. A. Snell. 2,388,370; Nov. 6.
Priming and deicing means, Fuel. W. D. Cannon and K. A. Browne. 2,366,830; Jan. 9.
Priming control, Pump. K. R. Lung. 2,368,367; Jan. 30.

Print handling device. L. P. Martinek. 2,381,765; Aug. 7.
Print making machine. G. M. Dye. 2,388,837; Nov. 13.
Print trimming gauge. R. A. Ruth. 2,380,267; July 10.
Printer for lenticular color films. J. G. Capstaff and O. E. Miller. 2,382,604; Aug. 14.
Printing. W. L. Jones. 2,375,660; May 8.
Printing. J. M. Lowe. 2,384,843; Sept. 18.
Printing and developing machine, Combined. H. G. Macdonald and J. Hruby. 2,373,040; Apr. 3.
Printing and embossing and apparatus for performing same. W. A. Roehm. 2,390,618; Dec. 11.
Printing and signaling system, Unit transmitter. M. W. Muehter. 2,390,222; Dec. 4.
Printing apparatus. M. Reynolds and H. G. Barrett. 2,367,313; Jan. 16.
Printing apparatus and preparing and using the same. B. F. Terry. 2,384,857; Sept. 18.
Printing apparatus, Scale. F. R. Rott. 2,382,174; Aug. 14.
Printing business machine. J. E. Ostline. 2,376,268; May 15.
Printing composition. J. Duport. 2,372,370; Mar. 27.
Printing compositions, Textile. J. R. Abrams. 2,381,868; Aug. 14.
Printing device index. H. P. Elliott. 2,388,315; Nov. 6.
Printing element attaching device. L. M. Stempel. 2,388,193; Oct. 30.
Printing elements, Producing intaglio. O. R. Huggins. 2,376,596; May 22.
Printing emulsions and preparing them, Textile. R. H. Kienle and A. L. Peiker. 2,374,602; Apr. 24.
Printing, Imbibition. J. F. Kienninger. 2,387,914; Oct. 30.
Printing machine. W. A. Ayres. 2,390,413; Dec. 4.
Printing machine. R. T. Casey. 2,369,433; Feb. 13.
Printing machine. S. Edels. 2,378,989; June 26.
Printing machine. W. T. Gollwitzer. 2,367,395; Jan. 16.
Printing machine. W. T. Gollwitzer. 2,375,842; May 15.
Printing machine. W. T. Gollwitzer. 2,390,583; Dec. 11.
Printing machine. R. L. Hatfield. 2,390,587; Dec. 11.
Printing machine. W. F. Huck. 2,366,335; Jan. 2.
Printing machine. C. L. Low. 2,386,962; Oct. 16.
Printing machine. F. C. Marquardt. 2,380,322; July 10.
Printing machine. H. B. Phillips and H. F. Springer. 2,372,736; Apr. 3.
Printing machine. C. D. Ryan and E. P. Drake. 2,280,331; July 10.
Printing machine. C. H. Sand. 2,382,503; Aug. 14.
Printing machine. C. Walker and W. H. Wade. 2,379,941; July 10.
Printing machine, Intaglio= web. A. M. Zuckerman. 2,386,029; Oct. 2.
Printing machine, Multicolor. A. M. Zuckerman. 2,388,341; Jan. 30.
Printing machine, Photographic. G. C. Garraway. 2,380,962; Aug. 7.
Printing machine, Photographic. G. C. Garraway. 2,382,988; Aug. 21.
Printing machine, Thimble. M. E. Trollen. 2,369,871; Feb. 20.
Printing mechanism. H. S. Beattie. 2,381,862; Aug. 14.
Printing mechanism. T. G. Le Clair, J. R. Harrington, and B. H. Smith. 2,366,914; Jan. 9.
Printing mechanism, Alphabetic. H. S. Beattie. 2,386,422; Oct. 9.
Printing mechanism for bookkeeping machines. K. Aurbach. 2,368,627; Feb. 6.
Printing medium. J. Kohler. 2,372,209; Mar. 27.
Printing members, Making curved. F. E. Reilly and C. Holsinger. 2,383,080; Aug. 21.
Printing method and product. S. Isenberg. 2,391,705; Dec. 25.
Printing of cellulose acetate, Discharge. G. W. Seymour and V. S. Salvin. 2,385,885; Oct. 2.
Printing plate, Alloy steel. C. Batcheller. 2,375,210; May 8.
Printing plate and making same, Photogravure. W. G. Mullen. 2,367,420; Jan. 16.
Printing plate clamp. H. M. Barber. 2,369,423; Feb. 13.
Printing plate holder. L. Augustine. 2,370,117; Feb. 27.
Printing plate manufacture. A. J. Spelker. 2,388,878; Nov. 13.
Printing plates, Electrolytic method of producing. J. J. Murray. 2,367,236; Jan. 16.
Printing plates, Making. W. C. Toland and E. Bassist. 2,373,357; Apr. 10.
Printing plates, Preparing. E. Bassist. 2,373,287; Apr. 10.
Printing plates, Preparing. B. F. Terry. 2,381,704; Aug. 7.
Printing point indicator. L. A. Dunstan. 2,372,317; Mar. 27.
Printing press. W. W. Davidson. Re. 22,702; Dec. 4.
Printing press. W. W. Davidson. 2,374,668; May 1.
Printing press. W. W. Davidson. 2,387,750; Oct. 30.
Printing press. I. A. Hunting. 2,376,255; May 15.
Printing press. E. F. Kidrick and W. G. Miller. 2,375,793; May 15.
Printing press. E. Kluge. 2,368,365; Jan. 30.
Printing press. T. E. Piazze. 2,368,776; Feb. 6.
Printing press. E. W. Worthington. 2,366,375; Jan. 2.
Printing press. E. W. Worthington. 2,381,093–4; Aug. 7.
Printing press folder. E. W. Worthington. 2,373,441; Apr. 10.
Printing press inking means and mechanism. A. Taylor and E. W. Worthington. 2,368,500; Jan. 30.
Printing process. F. T. Ortolano. 2,368,157; Jan. 30.
Printing process and device. K. Wolfson. 2,373,732; Apr. 17.
Printing process for textiles. A. Wiazmitinow. 2,389,245; Nov. 20.
Printing roll inking device. H. A. Smith. 2,377,110; May 29.
Printing roller and producing same, Halftone intaglio textile. R. Heberlein and M. Fretz. 2,370,461; Feb. 27.
Printing telegraph apparatus. M. T. Goetz. 2,382,558; Aug. 14.
Printing telegraph apparatus. B. S. Swezey. 2,367,901; Jan. 23.
Printing telegraph receiver. J. A. Spencer and L. F. Reinhold. 2,375,828; May 15.
Prism for optical instruments, Mirror. G. Fassin. 2,378,396; June 19.
Prism system. H. Schmarion. 2,380,469; July 31.
Procedure and equipment for forging or forming articles. C. E. Poole and A. P. Stone. 2,368,069; Jan. 23.
Process. E. C. Herthel. 2,374,996; May 1.
Process and products therefrom. J. E. Kirby. 2,371,052; Mar. 6.
Processing and concentrating fruit juices. J. D. Bering. 2,378,533; June 19.
Processing bacon. M. Britt. 2,388,823; Nov. 13.
Processing machine. T. G. McDougal. 2,380,659; July 31.
Processing of molasses and the like. A. M. Thomsen. 2,380,087; July 10.
Producing acrylonitrile. C. W. Bradley and H. S. Davis. 2,385,327; Sept. 25.
Producing butylene glycol by fermentation and recovering the product. R. T. K. Cornwell. 2,390,779; Dec. 11.
Producing molding compositions and the products thereof. P. C. Schroy, J. Grabowski, and M. J. Scott. 2,388,293; Nov. 6.
Producing unsaturation in hydrocarbons. B. H. Shoemaker and E. L. d'Ouville. 2,381,987; Aug. 14.
Product applicable for tanning purposes. C. Coutor. 2,376,663; May 22.
Production of anhydrous magnesium chloride. A. Belchetz. 2,381,994–5; Aug. 14.
Production of chlorine dioxide E. R. Woodward. 2,388,202; Oct. 30.
Production of ethyl cellulose. H. Dreyfus. 2,381,972; Aug. 14.
Production of highly polymeric organic compounds. R. W. Moncrieff and E. W. Wheatley. 2,388,278; Nov. 6.
Production of ketones. C. Weizmann. 2,388,101; Oct. 30.
Production of terpenes. E. F. Wadley. 2,388,100; Oct. 30.
Production of 2,3,5-trimethyl phenol. D. B. Luten, Jr. 2,370,554; Feb. 27.
Products and process therefor. D. D. Coffman. 2,387,495; Oct. 23.
Products from lignin by hydrogenation, Preparation of. K. Freudenberg and W. Lautsch. 2,390,063; Dec. 4.
Professional cabinet. G. E. Froelich. 2,369,664; Feb. 20.
Profiling airscrew blades or the like. A. M. Young. 2,367,916; Jan. 23.
Profiling attachment for lathes. J. H. Johnson. 2,375,368; May 8.
Profiling machine. E. P. Dorman. 2,390,828; Dec. 11.
Program preselecting and control apparatus. F. H. Owens. 2,385,840; Oct. 2.
Projectile. C. P. Caulkins. 2,375,893; May 15.
Projectile. J. H. Church and W. E. Thibodeau. 2,367,199; Jan. 16.
Projectile. J. H. Church and W. E. Thibodeau. 2,371,151; Mar. 13.
Projectile. A. Fagerlund. 2,371,510; Mar. 13.
Projectile. P. H. Field. 2,391,303; Dec. 18.
Projectile. M. L. Lee. 2,372,383; Mar. 27.
Projectile. W. N. McGee. 2,386,054; Oct. 2.
Projectile. J. A. Mitchell. 2,372,970; Apr. 3.
Projectile. V. N. Vertzinsky. 2,379,203; June 26.
Projectile. H. Wellcome. 2,373,363; Apr. 10.
Projectile, Automatically detonated. L. J. Anderson. 2,389,288; Nov. 20.
Projectile, Bolas. H. Wellcome. 2,373,364; Apr. 10.
Projectile, Explosive. S. T. Farrell. 2,375,983; May 15.
Projectile, Explosive. C. Sittig. 2,369,924; Feb. 20.
Projectile for guns. C. W. Dake. 2,377,839; June 5.
Projectile game. F. C. Hamilton. 2,382,146; Aug. 14.
Projectile, High velocity. G. R. Ericson. 2,389,846; Nov. 27.
Projectile intercepting means. J. Kalnitz. 2,369,464; Feb. 13.
Projectile, Reinforced explosive. W. H. Farr. 2,368,210; Jan. 30.
Projectiles, Tipping. R. K. Hopkins. 2,373,245; Apr. 10.
Projecting system. V. E. Pratt. 2,372,910; Apr. 3.
Projecting television pictures, Process and appliance for. F. E. Fischer. 2,391,451; Dec. 25.
Projection and viewing apparatus. E. C. Weiskopf. 2,378,672; June 19.
Projection apparatus. F. Turrettini. 2,373,929; Apr. 17.
Projection in color. C. A. Birch-Field. 2,385,770; Oct. 2.
Projection screen. B. M. Bodde, Jr. 2,372,173; Mar. 27.
Projection screen. O. Hehn. 2,369,143; Feb. 13.

Projection screen. R. Möller and E. Kosche. 2,381,614; Aug. 7.
Projection screen. H. C. Staehle, E. E. Jelley, and D. E. Bennett, Jr. 2,378,252; June 12.
Projection screen stand. A. L. Raven. 2,382,025; Aug. 14.
Projection stand. B. A. Cousino. 2,380,632; July 31.
Projection system. R. Kingslake and M. Reiss. 2,384,624; Sept. 11.
Projection system for images and sounds. W. F. Clark and A. F. Adams. 2,373,013; Apr. 3.
Projector. A. A. Gillespie, F. Hauser, and A. G. Wise. 2,366,851; Jan. 9.
Projector. W. A. Lebus. 2,384,319; Sept. 4.
Projector apparatus. W. C. Cheney and R. S. Wertheimer. 2,371,504; Mar. 13.
Projector apparatus, Motion picture. J. J. Rausch. 2,373,052; Apr. 3.
Projector, Automatic slide. H. B. Brose. 2,370,004; Feb. 20.
Projector, Cabinet type motion-picture. A. Shapiro and A. A. Shoup. 2,370,587; Feb. 27.
Projector, Flashlight. C. R. and K. L. Pyles. 2,368,779; Feb. 6.
Projector, Internal surface. O. F. Soetbeer. 2,378,870; June 19.
Projector, Micro film. G. A. Berglund. 2,377,476; June 5.
Projector, Motion-picture. R. J. Miller. 2,374,828; May 1.
Projector, Motion picture. R. J. Miller. 2,388,794; Nov. 13.
Projector, Picture. G. S. Monk and F. P. Case. 2,374,768; May 1.
Projector utility case. A. B. Coleman. 2,390,922; Dec. 11.
Prop, Ceiling board. R. Couture. 2,378,984; June 26.
Propane with olefins, Reacting. F. E. Frey. 2,391,148; Dec. 18.
Propellant powder, Manufacture of. L. W. Babcock. 2,370,130; Feb. 27.
Propellent charge holder. N. F. Anderson. 2,369,003; Feb. 6.
Propellent charger holder. A. Adelman. 2,371,139; Mar. 13.
Propeller. J. E. Carol. 2,380,683; July 31.
Propeller. W. W. Everts. 2,373,108; Apr. 10.
Propeller. G. R. Lamoreaux. 2,366,795; Jan. 9.
Propeller. F. Lomax. 2,367,879; Jan. 23.
Propeller. L. E. Reid. 2,385,028; Sept. 18.
Propeller. M. Weber. 2,386,154; Oct. 2.
Propeller, Adjustable. W. L. Effinger, Jr. 2,372,714; Apr. 3.
Propeller, Airplane. B. Bergen. 2,388,464; Nov. 6.
Propeller, Airplane. J. B. Grady. 2,373,825; Apr. 17.
Propeller, Airplane. E. W. Perry. 2,390,733; Dec. 11.
Propeller, Automatic area control. H. W. Mollenhauer. 2,380,540; July 31.
Propeller blade retention, Nonferrous. C. R. Gaskell and M. C. Green. 2,368,656; Feb. 6.
Propeller construction. E. V. Rippingille. 2,374,833–4; May 1.
Propeller construction. T. H. Troller. 2,378,958; June 26.
Propeller control, Hydraulic transmitter receiver. W. S. Hoover. 2,379,301; June 26.
Propeller control mechanism. J. F. Haines and T. B. Martin. 2,391,899; Dec. 25.
Propeller, Controllable pitch. I. B. Humphreys. 2,382,229; Aug. 14.
Propeller drive for marine vessels. N. P. Billing. 2,372,247; Mar. 27.
Propeller drive, Two-speed. R. Daub. 2,372,883; Apr. 3.
Propeller, Fluid. W. L. Upson. 2,378,049; June 12.
Propeller, Folding. R. L. and D. W. Cameron. 2,369,276; Feb. 13.
Propeller, Hollow. W. H. Riley. 2,383,342; Aug. 21.
Propeller mechanism. E. K. Benedek. 2,382,389; Aug. 14.
Propeller pitch control. W. J. Symons. 2,381,991; Aug. 14.
Propeller, Reversible pitch. O. E. Dietrich. 2,384,780; Sept. 11.
Propeller shaft brake. C. H. Turner. 2,375,152; May 1.
Propeller, Single-blade. W. W. Everts. 2,371,160; Mar. 13.
Propeller snare. B. A. Ames. 2,374,261; Apr. 24.
Propeller supporting and driving mechanism. G. L. Williams. 2,369,422; Feb. 13.
Propeller, Swivelling screw. W. A. Loth and S. M. H. Guyot. 2,382,431; Aug. 14.
Propeller, Variable length. G. H. Abeel, III. 2,372,350; Mar. 27.
Propeller, Variable pitch. H. A. Berliner. 2,370,135; Feb. 27.
Propeller, Variable pitch. E. A. Briner. 2,386,587; Oct. 9.
Propeller, Variable pitch. M. Gregor. 2,391,778; Dec. 25.
Propeller, Variable pitch. C. Keller. 2,391,629; Dec. 25.
Propeller, Variable pitch screw. G. Baxter. 2,383,440; Aug. 28.
Propeller with extended drive. E. Martin. 2,371,873; Mar. 20.
Propellers, Airing of antitorque. E. Bossi. 2,383,038; Aug. 21.
Propellers, Making hollow. O. S. Haskell. 2,390,789; Dec. 11.
Propelling device, Centrifugal. G. R. Louthan. 2,385,632; Sept. 25.
Propelling means. A. R. Peirce. 2,374,125; Apr. 17.
Prophylactic sheath or envelope. S. J. Welsh. 2,389,831; Nov. 27.
Propiolyl halides and making them. F. C. Schaefer. 2,388,660; Nov. 6.
Proportioner. E. J. Wendell. 2,374,516; Apr. 24.
Proportioner, Spraying. J. W. R. Stewart. 2,388,445; Nov. 6.
Proportioning pump. W. J. Hughes. 2,391,703; Dec. 25.
Proportioning system, Fluid. T. A. Baker. 2,388,669; Nov. 13.
Propulsion apparatus. J. T. Tucker. 2,381,235; Aug. 7.
Propulsion device, Marine. E. H. Fickler. 2,367,765; Jan. 23.
Propulsion means for vessels. M. E. Baker. 2,367,325; Jan. 16.
Propulsion method in craft supported chiefly by air pressure, Air entrainment. D. K. Warner. 2,387,627; Oct. 23.
Prospecting for buried deposits. E. McDermott. 2,367,592; Jan. 16.
Prospecting, Surface. R. G. Piety. 2,390,270; Dec. 4.
Prospecting system, Geochemical. R. C. Lawlor and H. E. Metcalf. 2,376,366; May 22.
Prosthesis, Denture. E. G. Lang. 2,389,063; Nov. 13.
Protecting apparatus. A. J. Lakatos. 2,378,563; June 19.
Protecting ships against underwater explosion. V. S. Makaroff and N. C. Artsay. 2,385,417; Sept. 25.
Protecting ships at sea. N. M. Hopkins. 2,386,950; Oct. 16.
Protection device. H. Jaffa. 2,371,241; Mar. 13.
Protection device against aerial and other bombardment. F. S. Scott. 2,381,779; Aug. 7.
Protection means. J. N. Good. 2,367,575; Jan. 16.
Protection means and supporting means thereof, Eye. W. H. Lehmberg, C. A. Baratelli, and W. Lown. 2,387,849; Oct. 30.
Protection of electric systems. A. J. McConnell. 2,385,219; Sept. 18.
Protective apparatus. S. T. and F. L. Farrell. 2,375,984; May 15.
Protective apparatus. H. W. Hoffman and G. H. Helmer. 2,383,313; Aug. 21.
Protective apparatus. O. C. Traver. 2,381,527; Aug. 7.
Protective apparatus. A. R. Van C. Warrington. 2,378,268; June 12.
Protective apparatus. A. R. van C. Warrington. 2,381,375; Aug. 7.
Protective arrangement. R. S. Bennett. 2,371,496; Mar. 13.
Protective arrangement. F. M. Starr. 2,376,201; May 15.
Protective cape, Welder's. G. H. Abel. 2,388,234; Nov. 6.
Protective casing for textiles by the yard. W. Polgar. 2,382,332; Aug. 14.
Protective coating. A. B. Richards, J. A. Mickey and J. T. O'Reilly. 2,372,982; Apr. 3.
Protective coating for articles. G. Lindh. 2,367,880; Jan. 23.
Protective coatings for articles. G. Lindh. 2,366,414; Jan. 2.
Protective compositions. J. C. Lum and T. J. Keating. 2,367,954; Jan. 23.
Protective compositions, Bituminous. H. Schiller. 2,382,337; Aug. 14.
Protective cover. H. G. Sydenham, H. W. Clowe, and A. E. Du Bois. 2,368,272; Jan. 30.
Protective device. G. Camilli. 2,369,015; Feb. 6.
Protective device. D. D. MacCarthy. 2,380,255; July 10.
Protective device. R. O. Palmer and H. D. Edgerly. 2,366,870; Jan. 9.
Protective device. E. J. Wade and J. Horvath, Jr. 2,391,758; Dec. 25.
Protective device and using said device. H. Schmarion. 2,379,191; June 26.
Protective device for electrical apparatus. M. G. Leonard. 2,389,373; Nov. 20.
Protective device for electrical apparatus and systems. R. O. Hurst. 2,370,037; Feb. 20.
Protective device for electrical apparatus and systems. M. G. Leonard. 2,376,789; May 22.
Protective device for ships. E. E. K. Edenboro. 2,390,358; Dec. 4.
Protective device, Oil cooler. S. K. Andersen and C. J. Vanous. 2,387,426; Oct. 23.
Protective device, Overload. C. H. Titus. 2,379,323; June 26.
Protective eyepiece. W. A. Whipple and R. L. Malcolm. 2,378,887; June 19.
Protective goggle. H. L. Johnston. 2,368,303; Jan. 30.
Protective layers on magnesium or its alloys, Production of oxidic. G. Elssner and E. Schroder. 2,382,702; Aug. 14.
Protective means. M. L. Taylor. 2,375,146; May 1.
Protective means for aircraft. E. H. Reiss. 2,382,817; Aug. 14.
Protective relay system. G. Steeb. 2,372,134; Mar. 20.
Protective system. S. B. Crary. 2,386,035; Oct. 2.

Protective system. A. J. McConnell. 2,383,329; Aug. 21.
Protective system. H. T. Seeley. 2,378,800; June 19.
Protective system. H. E. Strang and J. W. Butler. 2,389,007; Nov. 13.
Protective system. O. C. Traver and G. W. McKenna. 2,380,805; July 31.
Protective device. E. J. Wade. 2,385,663; Sept. 25.
Protective system, Polyphase. R. P. De Anthony. 2,389,613; Nov. 27.
Protector: *See*—
- Blasting cap fuse protector.
- Bomb protector.
- Chest protector.
- Collet jaw protector.
- Combined canopy and garment protector.
- Drill pipe protector.
- Eye protector.
- Garment protector.
- Head protector.
- Motor protector.
- Pile protector.
- Pole slide protector.
- Rotary filling housing protector.
- Rubber protector.
- Shaft protector.
- Thread protector.
- Wound protector.
- Wrist protector.

Protector. D. F. Alexander. 2,368,084; Jan. 30.
Protector and cleaner for airplanes, Windshield. W. N. Patterson. 2,367,426; Jan. 16.
Protector, Chuck and hose. B. Greenwald. 2,386,791; Oct. 16.
Protector for electric circuits. M. F. Duerkob. 2,386,094; Oct. 2.
Protector for fruit boxes. R. J. Clark. 2,371,425; Mar. 13.
Protector for shoes, Oil repellant. G. Popik. 2,373,596; Apr. 10.
Protein and product, Insolubilizing. R. K. Iler. 2,381,752; Aug. 7.
Protein composition of matter and making. A. A. Levinson, P. L. Julian, and A. G. Engstrom. 2,381,407; Aug. 7.
Protein compositions and masses having improved physical characteristics, Preparation of. J. Bjorksten. 2,389,292; Nov. 20.
Protein from waste material, Separating. E. R. Rushton. 2,379,929; July 10.
Protein furfuryl alcohol-formaldehyde composition. M. T. Harvey. 2,383,792; Aug. 28.
Protein manufacture. R. A. Boyer, J. Crupi and W. T. Atkinson. 2,377,853; June 12.
Protein product and making same. A. K. Smith, H. J. Max, and D. H. Wheeler. 2,370,266; Feb. 27.
Protein product and process. E. J. Cohn. 2,390,074; Dec. 4.
Protein sheet material and making the same. F. C. Atwood. 2,389,605; Nov. 27.
Proteinaceous surface active agents and making same. J. B. Rust and L. Spialter. 2,373,602; Apr. 10.
Proteinaceous wetting agents and making them. J. B. Rust and L. Spialter. 2,373,603; Apr. 10.
Proteinous material. A. K. Balls, W. S. Hale, and T. H. Harris. 2,366,952; Jan. 9.
Proteins, Plasticizing. C. Dangelmajer. 2,374,667; May 1.
Proteins, Precipitation of. E. L. Fritzberg. 2,368,919; Feb. 6.
Protractor. R. R. Knudsen. 2,384,100; Sept. 4.
Protractor means for cutting or sawing machines. W. W. Gardiner. 2,366,512; Jan. 2.
Provitamins, Preparation of. H. R. Rosenberg. 2,369,918; Feb. 20.
Puff and making the same, Powder. J. E. Valentine and R. J. Pena. 2,366,681; Jan. 2.
Pull rod carrier. A. M. Rossman. 2,370,687; Mar. 6.
Pull rod carrier. A. M. Rossman. 2,390,177; Dec. 4.
Puller: *See*—
- Bearing and retainer puller.
- Bearing cup puller.
- Blind rivet puller.
- Horn bushing puller.
- Oil seal puller.
- Post puller.
- Sleeve puller.
- Spike puller.
- Standing valve puller.
- Staple puller.
- Weed puller.

Puller tool. G. M. Graham. 2,374,861; May 1.
Pulling tool. R. R. Lawrence. 2,377,249; May 29.
Pulling tool. C. J. Piper. 2,376,721; May 22.
Pulley. W. B. Collier. 2,371,283; Mar. 13.
Pulley, Self-aligning. R. F. Hlavaty. 2,372,378; Mar. 27.
Pulley structure for belt-type elevators. J. C. Reed. 2,391,642; Dec. 25.
Pulleys and the like to shafts, Fixing. W. J. Evans. 2,391,302; Dec. 18.
Pulp, Bleaching. H. R. Murdock and W. P. Lawrence. 2,377,171; May 29.
Pulp container forming apparatus, Sheet. L. M. Wiley. 2,377,392; June 5.
Pulp, Manufacture of sulphite. G. H. Tomlinson. 2,377,282; May 29.
Pulp, Manufacturing of sulphite. G. H. Tomlison. 2,385,955; Oct. 2
Pulp molding and reforming. M. P. Chaplin. 2,377,864; June 12.
Pulp, Production of refined wood. G. A. Richter. 2,380,706; July 31.
Pulp suspensions and the like, Separating solid particles in. E. W. Samson and A. H. Croup. 2,377,524; June 5.
Pulsator for milking machines. E. A. Forsberg. 2,369,731; Feb. 20.
Pulsator for milking machines, Automatic. C. H. Hapgood. 2,379,483; July 3.
Pulse controling apparatus. S. F. Warner. 2,386,760; Oct. 16.
Pulse-integrating circuit. W. N. Tuttle. 2,374,248; Apr. 24.
Pulse repeater, Revertive. R. C. Avery. 2,383,759; Aug. 28.
Pulse repeating system. S. I. Cory. 2,366,834–5; Jan. 9.
Pulse repeating system. R. B. Shanck. 2,366,836–8; Jan. 9.
Pulverizer. N. H. Andrews. 2,376,747; May 22.
Pulverizer. T. H. Arnold. 2,368,961; Feb. 6.
Pulverizer. E. G. Bailey and G. B. Ebersole. 2,378,681; June 19.
Pulverizer. G. B. Ebersole. 2,389,844; Nov. 27.
Pulverizing and classifying apparatus. H. G. and W. H. Lykken. 2,380,321; July 10.
Pulverizing machine. H. J. Seaman. 2,368,331; Jan. 30.
Pulverulent material, Handling. N. F. Linn. 2,379,448; July 3.
Pulverulent materials and dispersions produced thence. C. F. Flint and R. B. F. F. Clark. 2,386,674; Oct. 9.
Pulverulent materials-handling and storage system. C. W. Cannon. 2,374,584; Apr. 24.
Pump: *See*—
- Air or gas pump.
- Aspirator pump.
- Balanced vane pump.
- Bilge pump.
- Boiler feed pump.
- Booster pump.
- Centrifugal cutting pump.
- Centrifugal or rotary pump
- Centrifugal pump.
- Centrifugal separator pump.
- Chemical feeding pump.
- Combination booster pump.
- Deep well pump.
- Diaphragm pump.
- Diffusion pump.
- Dispensing pump.
- Double-action pump.
- Double case pump.
- Engine fuel pump.
- Fluid lift pump.
- Fluid pressure pump.
- Fluid pump.
- Fuel injection pump.
- Fuel pump.
- Gear pump.
- High pressure centrifugal pump.
- High-pressure fluid pump.
- High-pressure hydraulic pump.
- Hoist type pump.
- Hydraulic pump.
- Jet type pump.
- Liquid pump.
- Liquid sealed pump.
- Multiple discharge pump.
- Multiple metering pump.
- Multiple pump.
- Multistage centrifugal pump.
- Oil pump.
- Oil well pump.
- Positive displacement gear pump.
- Pressure pump.
- Proportioning pump.
- Reciprocating pump.
- Reciprocating ram pump.
- Reversible pump.
- Rotary pump.
- Rotary vane pump.
- Self-priming centrifugal pump.
- Self-priming pump.
- Steam jet pump.
- Steam pump.
- Submersible deep well pump.
- Thermal pump.
- Vacuum pump.
- Vane pump.
- Vapor expelling pump.
- Variable-delivery pump.
- Vertical self-priming pump.
- Well pump.

Pump. T. K. Andersen. 2,368,091; Jan. 30.
Pump. A. C. Anderson. 2,377,916; June 12.
Pump. R. Backofen and R. Lapeley. 2,373,642; Apr. 17.
Pump. R. L. Beekman. 2,376,025; May 15.
Pump. E. K. Benedek. 2,373,449; Apr. 10.
Pump. A. Bertea. 2,378,390; June 19.
Pump. H. H. Bohannon. 2,380,144; July 10.
Pump. F. E. Brady, Jr. 2,382,539; Aug. 14.
Pump. R. J. Byroad. 2,367,184; Jan. 16.
Pump. M. L. Edwards. 2,368,528–9; Jan. 30.
Pump. A. M. Hamer. 2,366,397; Jan. 2.
Pump. P. R. Hoopes. 2,383,194; Aug. 21.
Pump. M. W. Huber. 2,381,056; Aug. 7.
Pump. M. W. Huber. 2,385,990; Oct. 2.
Pump. R. J. Jauch and S. Hinds. 2,384,172; Sept. 4.
Pump. E. K. Johansen. 2,379,156; June 26.
Pump. O. W. Johnson. 2,375,923; May 15.
Pump. J. F. Joy. 2,381,910; Aug. 14.
Pump. F. E. Knapp. 2,374,867; May 1.
Pump. C. C. S. Le Clair. 2,377,251; May 29.
Pump. J. R. Lowry. 2,382,080; Aug. 14.
Pump. L. C. Rotter, V. G. Klein, A. D. Reisert, and R. F. Schneller. 2,366,654; Jan. 2.
Pump. A. F. Ruthven. 2,371,846; Mar. 20.
Pump. B. Samelson. 2,385,105; Sept. 18.
Pump. S. Schnell. 2,376,016; May 15.
Pump. A. C. Sinclair. 2,372,523; Mar. 27.
Pump. F. W. Stallmann. 2,390,814; Dec. 11.
Pump. A. J. Stepanoff. 2,383,424; Aug. 21.
Pump. W. F. Thompson. 2,391,806; Dec. 25.
Pump. H. Thorpe-Woods. 2,381,628; Aug. 7.
Pump. L. E. Williams. 2,368,187; Jan. 30.
Pump. W. Wilsmann. 2,376,744; May 22.
Pump. F. C. Woelfer, Jr. 2,390,782; Dec. 11.
Pump. J. C. Woodford. 2,371,940; Mar. 20.
Pump. J. C. Woodford. 2,388,661; Nov. 6.
Pump. A. Zellos. 2,373,526; Apr. 10.
Pump and motor assembly, Self-lubricated and cooled. R. R. Curtis. 2,369,440; Feb. 13.
Pump and seal therefor. S. F. Anderson. 2,366,765; Jan. 9.
Pump and transmission, Hydraulic. L. C. Blair. 2,370,710; Mar. 6.

Pump construction. C. I. Longenecker. 2,375,802; May 15.
Pump construction. C. I. Longenecker. 2,381,220; Aug. 7.
Pump construction, Submerged booster. R. R. Curtis and R. J. Schroeder. 2,369,282; Feb. 13.
Pump control and the like. E. H. Markwart and A. L. Cannon. 2,381,221; Aug. 7.
Pump control means. D. G. Griswold. 2,384,420; Sept. 4.
Pump control system. R. C. Dustin. 2,389,348; Nov. 20.
Pump device for machines for applying coating material to articles moving in processions. G. H. Bierman. 2,387,736; Oct. 30.
Pump for electrically conducting liquids. Electromagnetic. W. G. Thompson. 2,386,369; Oct. 9.
Pump for filling stations and the like, Air operated. E. O. White. 2,391,211; Dec. 18.
Pump for fuel system. A. J. Stepanoff. 2,388,939; Nov. 13.
Pump for internal-combustion engines, Fuel. W. W. Lowther. 2,389,159; Nov. 20.
Pump for internal combustion engines, Fuel feed. R. M. Nardone. 2,368,562; Jan. 30.
Pump for internal-combustion engines, Fuel injector. H. da Costa. 2,366,771; Jan. 9.
Pump for liquid, Centrifugal. G. C. Meredew and A. L. B. Dawson. 2,381,824; Aug. 7.
Pump for liquids, Hydraulic. R. J. Hardey. 2,376,538; May 22.
Pump for mobile fire pumpers. H. E. La Bour. 2,367,032; Jan. 9.
Pump for plastic concrete mixtures. C. I. Longenecker. 2,384,783; Sept. 11.
Pump for plastic, doughy, pasty, or viscous materials. F. M. Roddy. 2,367,691; Jan. 23.
Pump for use in hydraulic transmission of power. W. R. Groves. 2,372,375; Mar. 27.
Pump jack. W. E. Cummins. 2,380,686; July 31.
Pump mechanism. L. C. Rotter. 2,387,684; Oct. 23.
Pump oiler. H. Lainson and A. J. Semotan. 2,389,518; Nov. 20.
Pump or compressor. R. C. Ford. 2,368,013; Jan. 23.
Pump or compressor. R. C. Ford. 2,386,675; Oct. 9.
Pump or motor, Balanced ball type vane. G. A. Waldie. 2,380,886; July 31.
Pump or motor, Hydraulic. W. Ernst. 2,374,592; Apr. 24.
Pump or motor, Rotary. B. D. Allbaugh. 2,380,819; July 31.
Pump or motor unit. C. E. Grosser. 2,381,741; Aug. 7.
Pump or the like, Centrifugal. P. M. Salerni. 2,371,588; Mar. 13.
Pump rod extracting device. H. P. Salverda. 2,373,081; Apr. 3.
Pump seal construction. R. R. Curtis. 2,379,868; July 10.
Pump structure. J. F. Hoffer. 2,383,483; Aug. 28.
Pump structure. R. W. Painter. 2,380,783; July 31.
Pump system, Heat. G. Wilkes and F. M. Reed. 2,375,157; May 1.
Pump unit for drilling machines, Cutting fluid. J. A. Dick. 2,381,650; Aug. 7.
Pump valve structure. J. J. Hennessy. 2,386,794; Oct. 16.
Pump with trunnion mounting of shift ring, Radial. O. M. Summers. 2,371,078; Mar. 6.
Pumping apparatus. J. Mann. 2,375,571; May 8.
Pumping apparatus. J. Mercier. 2,370,539; July 3.
Pumping apparatus. W. H. Wineman. 2,377,913; June 12.
Pumping arrangement. F. J. Sigmund and W. S. Hlavin. 2,386,275; Oct. 9.
Pumping device. H. Rainalter. 2,369,249; Feb. 13.
Pumping machinery, Oil well. H. F. Vickers and K. R. Herman. 2,367,248; Jan. 16.
Pumping mechanism. J. W. Hatch. 2,376,856; May 29.
Pumping mechanism, Fluid. E. J. Svenson. 2,382,452; Aug. 14.
Pumping mechanism, Fluid-operated. C. J. Coberly. 2,368,346; Jan. 30.
Pumping system. G. A. Patterson. 2,387,941; Oct. 30.
Pumping system. M. B. Sennet. 2,381,695; Aug. 7.
Pumping system and apparatus. A. E. Nittka. 2,391,734; Dec. 25.
Pumping system, Multiple stage. M. A. Crosby. 2,366,388; Jan. 2.
Pumping system, Self-priming. F. A. Carpenter. 2,380,924; Aug. 7.
Pumping wells, System of. J. F. Ross. 2,390,124; Dec. 4.
Punch. J. T. Ferry. 2,387,837; Oct. 30.
Punch. P. O. Unger. 2,368,790; Feb. 6.
Punch. P. O. Unger. 2,382,523; Aug. 14.
Punch and die and retainer for same. Interchangeable. D. V. Stellin. 2,378,806; June 19.
Punch and die and retainer for same, Interchangeable. D. V. Stellin. 2,380,343; July 10.
Punch and die and retainer for same, Interchangeable. D. V. Stellin. 2,382,267; Aug. 14.
Punch and die assembly. L. V. Whistler and S. A. Whistler. 2,386,920; Oct. 16.
Punch and die, Interchangeable. A. C. Jackson. 2,387,027; Oct. 16.
Punch and die mechanism. L. V. Whistler and S. A. Whistler. 2,371,565; Mar. 13.
Punch and die mounting. F. K. Kirsch. 2,381,062; Aug. 7.
Punch and die setting. A. C. Jackson. 2,388,546; Nov. 6.
Punch and die unit. J. Joachimi. 2,373,962; Apr. 17.
Punch and extruding tool, Combined. W. P. Hill. 2,367,121; Jan. 9.
Punch, Automatic center. L. A. Sweet. 2,384,707; Sept. 11.
Punch means. R. Kennedy, W. H. D. Hough, and C. H. Bodner. 2,374,436; Apr. 24.
Punch mounting. J. A. Smith. 2,380,123; July 10.
Punch, Pneumatic. K. Gimpel. 2,383,380; Aug. 21.
Punch press mechanism. A. M. MacPheat, E. L. Moon, and E. Sirp. 2,390,600; Dec. 11.
Punch set for punching and riveting machines. L. L. Marchant. 2,379,367; June 26.
Punching apparatus. A. W. Mills, F. J. Furman, and E. J. Rabenda. 2,377,801; June 5.
Punching apparatus. G. F. Wales. 2,378,603; June 19.
Punching device. C. F. Lehmeier. 2,378,777; June 19.
Punching machine. J. T. Ivy. 2,390,371; Dec. 4.
Punching machine, Record. C. R. Doty. 2,390,486; Dec. 4.
Punching mechanism. K. J. Braun and O. E. Kase. 2,387,828; Oct. 30.
Punching metal bars, clips and the like. S. C. Harris and E. B. Greifenhagen. 2,369,896; Feb. 20.
Purification and deodorization process. A. P. Lee and W. Gray King, Jr. 2,368,669; Feb. 6.
Purification of aviation oil. L. P. Sharples. 2,373,350; Apr. 10.
Purification of plant rubbers. I. Williams. 2,390,860; Dec. 11.
Purification of styrene. E. W. Gluesenkamp. 2,370,346; Feb. 27.
Purification of sugar juices and the like. H. A. Vallez. 2,388,195; Oct. 30.
Purification of sugar solutions. A. S. Behrman. 2,388,222; Oct. 30.
Purification of sugar solutions. A. S. Behrman. 2,388,224; Oct. 30.
Purification of sugar solutions and the like. A. S. Behrman. 2,388,223; Oct. 30.
Purification process. G. C. Bailey and J. A. Reid. 2,378,969; June 26.
Purifier, Liquid. J. K. Russell. 2,381,141; Aug. 7.
Purifying and conditioning system, Air. C. K. Steins 2,383,423; Aug. 21.
Purifying and cooling system for lubricating oils. L. P. Sharples. 2,389,555; Nov. 20.
Purifying and degasifying apparatus, Water. J. F. Sebald. 2,379,753; July 3.
Purifying and softening apparatus, Water. R. Adler. 2,372,640; Apr. 3.
Purifying paper pulp, Method and apparatus for. A. Bergés. 2,379,411; July 3.
Purse and billfold, Combined coin. N. H. Swanson. 2,390,748; Dec. 11.
Push button for timepieces, Waterproof. J. Simon. 2,391,803; Dec. 25.
Push-off device. W. Strauss. 2,380,084; July 10.
Push-pull electron tube. N. L. Kiser. 2,374,684; May 1.
Push-pull sound reproducing method and system. A. Badmaieff. 2,385,324; Sept. 25.
Pusher. S. B. Martin. 2,366,923; Jan. 9.
Pusher. S. B. Martin. 2,370,368; Feb. 27.
Pusher, Stack. C. M. Ellis. 2,387,985; Oct. 30.
Putting green. W. F. Brodzik and V. Muranyi. 2,384,723; Sept. 11.
Pyran derivatives, Production of. J. N. Wickert and B. T. Freure. 2,368,186; Jan. 30.
Pyran derivatives, Production of acids from. B. T. Freure. 2,378,996; June 26.
Pyran derivatives, Pyrolosis of. W. J. Toussaint. 2,387,366; Oct. 23.
Pyrazolones, Sulphonamido azo. J. G. McNally and J. B. Dickey. 2,391,180; Dec. 18.
Pyrethrum extract, Purification of. W. F. Barthel and H. L. J. Haller. 2,372,183; Mar. 27.
Pyrethrum preparations, Stabilization of. J. C. de Jonge. 2,375,773; May 15.
Pyridine derivatives and manufacture of same. O. Schnider. 2,384,136–7; Sept. 4.
Pyridine derivatives and the manufacture of same. M. Hoffer. 2,389,054; Nov. 13.
Pyridine-3,4-dinitriles. R. Kuhn and O. Westphal. 2,371,694; Mar. 20.
Pyridine-3-sulphonamide derivatives and their production. R. O. Roblin, Jr., and R. C. Clapp. 2,367,058; Jan. 9.
Pyridinium compounds and making the same, Certain. M. De Groote and B. Keiser. 2,386,936; Oct. 16.
Pyrimidine derivatives and preparing the same. H. Andersag and K. Westphal. 2,377,395; June 5.
Pyrimidines, Preparation of. A. M. Moos and R. W. Price. 2,375,735; May 8.
Pyrolysing method and apparatus. N. K. Chaney. 2,372,186; Mar. 27.
Pyrolysis of alkanols. J. L. Amos and F. J. Soderquist. 2,391,667; Dec. 25.
Pyrolysis of pinane. A. L. Rummelsburg. 2,388,084; Oct. 30.
Pyrolysis products of solid polymers of ethylene. R. M. Joyce, Jr. 2,372,001; Mar. 20.
Pyromagnetic motor. J. A. Hindle. 2,391,313; Dec. 18.

Pyrometer, Surface temperature. J. W. Percy, J. Johnston, and R. B. Sosman. 2,366,285; Jan. 2.
Pyrometer tube. J. W. Percy. 2,374,377; Apr. 24.
Pyrometry. J. P. Vollrath. 2,369,624; Feb. 13.
Pyrotechnic, Aircraft. M. W. Lloyd. 2,381,130; Aug. 7.
Pyrrols, Recovery of. K. H. Engel. 2,388,475; Nov. 6.
Pyrroles, Manufacture of substituted. M. A. T. Rogers. 2,382,915–17; Aug. 14.
Quack grass digging apparatus. C. Koehler. 2,384,685; Sept. 11.
Quaternary thiazolium compounds and manufacture thereof. H. Andersag and K. Westphal. 2,386,766; Oct. 16.
Quebrachitol from rubber latex serum, Recovering. W. J. Hart. 2,378,141; June 12.
Quencher, Arc. D. I. Bohn. 2,381,637; Aug. 7.
Quenching device. W. P. Shaks. 2,387,414; Oct. 23.
Quenching device for heat-treating apparatus. H. E. Somes. 2,371,117; Mar. 6.
Quick-acting control valve. C. A. Balton. 2,387,733; Oct. 30.
Quick-acting door. F. M. Lambert. 2,373,480; Apr. 10.
Quick adjustable wrench. F. A. Ollmann. 2,378,241; June 12.
Quick-coupling clamp. J. T. King. 2,368,929; Feb. 6.
Quick detachable coupling. G. L. Hurst. 2,370,354; Feb. 27.
Quick freezing apparatus. G. W. Mathews. 2,382,084; Aug. 14.
Quick releasing tricing block. J. G. Dunn. 2,370,151; Feb. 27.
Quick reversing motor. W. W. Warner. 2,367,982; Jan. 23.
Quick reversing single phase motor. F. W. Suhr and W. W. Warner. 2,380,270; July 10.
Quinoline salts as insecticides. E. Kolb. 2,387,591; Oct. 23.
Quinones, Producing. R. T. Arnold. 2,373,003; Apr. 3.
Quiz board. G. G. Eppley. 2,384,539; Sept. 11.
Raceway clearing device. S. L. Gookin. 2,390,066; Dec. 4.
Racemic alpha-hydroxy-β,β-dimethyl-gamma-butyrolactone, Resolution of. M. Tishler and R. H. Beutel. 2,383,524; Aug. 28.
Racemization of α-hydroxy-β,β-dimethyl-gamma-butyrolactone. J. Wrijlard and J. P. Messerly. 2,377,390; June 5.
Rack; *See*—
Battery charging rack.
Bomb rack.
Bottle disposal rack.
Dispensing rack.
Display rack.
Folding clothes rack.
Hose rack.
Loading rack.
Merchandise storage and dispensing rack.
Milk pipe rack.
Paper roll rack.
Paper roll supporting rack.
Razor rack.
Stationary broiling rack.
Storage rack.
Tie rack.
Tire service rack.
Tool supporting rack.
Towel rack.
Tree-type display rack.
Vehicle rack.
Rack. W. S. Holabird and T. B. Betterton. 2,386,396; Oct. 9.
Rack and bagger, Garment bag. W. R. Kohl. 2,385,996; Oct. 2.
Rack combination, Trackway work station. W. H. Joyce, Jr. 2,367,218; Jan. 16.
Rack construction. S. Saul, Jr. 2,367,315; Jan. 16.
Rack for milk can covers, Sanitary. M. O. Eng. 2,379,455; Feb. 27.
Rack for optical dies, Plating. A. K. Graham, C. V. Smith, and F. P. Williams. 2,372,567; Mar. 27.
Rack for shoes or like articles, Foldable, and suspendable. H. E. Hoffman. 2,389,910; Nov. 27.
Rack structure for freight vehicles. G. H. Liebegott and M. Seel. 2,370,551; Feb. 27.
Radiant energy receiving device. C. H. Wyss, Jr. 2,367,816; Jan. 23.
Radiant heater. D. Edge. 2,391,447; Dec. 25.
Radiant heating apparatus. J. Kaminski. 2,387,516; Oct. 23.
Radiator. J. F. Belaieff. 2,376,749; May 22.
Radiator system for Diesel locomotives. C. C. C. Burkhardt. 2,371,501; Mar. 13.
Radiator systems, Means for controlling. J. G. Arthur. 2,376,412; May 22.
Radiator valve. F. B. Rutherford and J. V. Vulpen. 2,389,387; Nov. 20.
Radiators, Assembling. E. V. Rippingille. 2,385,542; Sept. 25.
Radiators, Manufacturing heat. G. C. Barnes. 2,368,403; Jan. 30.
Radii and angle dresser. H. S. Jakobsen. 2,366,623; Jan. 2.
Radio alarm system. J. R. Schick. 2,367,378; Jan. 16.
Radio and like tube socket and contact for the same. S. M. Del Camp. 2,369,541; Feb. 13.
Radio and phonograph system, Combined. J. W. White and L. A. G. ter Veen. 2,379,617; July 3.
Radio and television receivers at a distance, Method and system for controlling. J. H. Homrighous. 2,369,783; Feb. 20.
Radio antenna. W. van Benschoten. 2,366,299; Jan. 2.
Radio antenna controlling system. E. S. Peterson. 2,374,892; May 1.
Radio antenna for automobiles and the like. A. T. Mace. 2,384,631; Sept. 11.
Radio antenna system. M. Bruce. 2,387,116; Oct. 16.
Radio beacon with quadrant identification. A. Alford. 2,367,177; Jan. 16.
Radio cabinet. W. P. Lear. 2,377,432; June 5.
Radio communication system. C. W. Hansell. 2,379,899; July 10.
Radio communication system. H. W. Sheridan. 2,376,393; May 22.
Radio control device. A. E. Gersch. 2,367,860; Jan. 23.
Radio control, Remote. K. A. Kopetsky. 2,388,748; Nov. 13.
Radio control system and multiple circuit switch. E. F. McDonald, Jr. 2,374,873; May 1.
Radio control unit with interference suppression. C. D. Haigis. 2,379,799; July 3.
Radio direction finder. J. E. Browder and F. L. Moseley. 2,369,132; Feb. 13.
Radio direction finder. D. G. C. Luck. 2,387,670; Oct. 23.
Radio direction finding system. C.-E. Granqvist. 2,388,263; Nov. 6.
Radio direction finding system. W. P. Lear. 2,384,317; Sept. 4.
Radio direction finding system, Dual automatic. G. B. Greene and P. O'Connor. 2,368,921; Feb. 6.
Radio directional indication system. E. S. Purington. 2,367,372; Jan. 16.
Radio frequency motor control. E. L. Crandell. 2,391,086; Dec. 18.
Radio frequency oscillator power supply circuit. O. H. Schade. 2,374,781; May 1.
Radiographic exposure meter. H. Friedman and A. L. Christenson. 2,383,478; Aug. 28.
Radio guidance system. W. P. Lear. 2,379,362; June 26.
Radio listening habits, Registering. J. V. L. Hogan. 2,368,761; Feb. 6.
Radio localizer system, Aircraft. W. P. Lear. 2,379,363; June 26.
Radiometric titration method. A. Langer. 2,367,949; Jan. 23.
Radio program preselector, Time-controlled. K. J. Magnusson. 2,389,990; Nov. 27.
Radio quartz crystals, Multiple edging and squaring. L. A. Faber. 2,383,638; Aug. 28.
Radio range navigation device. E. A. Guditz. 2,370,305; Feb. 27.
Radio receiver. H. C. Lawrence, Jr. 2,387,666; Oct. 23.
Radio receiver. C. S. Root. 2,366,559; Jan. 2.
Radio receiver. G. O. Striker. 2,378,663; June 19.
Radio receiver, Carrier controlled. R. L. Hollingsworth. 2,371,392; Mar. 13.
Radio receiver control means. R. P. Dimmer. 2,379,284; June 26.
Radio receiver, Diversity. R. C. Mathes. 2,375,126; May 1.
Radio receiver, Portable. G. Patterson, Jr. 2,388,567; Nov. 6.
Radio receiver, Super regenerative. G. E. Banks. 2,379,673; July 3.
Radio receivers, Tuning of. G. B. Baker and G. F. Hawkins. 2,374,265; Apr. 24.
Radio receiving system. J. R. Davey. 2,384,456; Sept. 11.
Radio receiving system. P. A. D'Orlo and J. W. Huff. 2,390,209; Dec. 4.
Radio receiving system. C. C. Taylor. 2,375,051; May 1.
Radio reception, Method and apparatus for simultaneous aural and panoramic. M. Wallace and H. G. Miller. 2,381,940; Aug. 14.
Radio relaying system. C. W. Hansell. 2,382,414; Aug. 14.
Radio repeater. B. Trevor. 2,369,268; Feb. 13.
Radio scanning system. R. J. McElhannon. 2,380,981; Aug. 7.
Radio service system. R. A. Hilferty. 2,378,299; June 12.
Radio shielding. M. F. Peters and R. H. Stone. 2,368,376; Jan. 30.
Radio signal system. S. W. Seeley and J. A. Rankin. 2,388,576; Nov. 6.
Radio signaling system, Multichannel. N. R. Bligh, D. M. Heller, and L. C. Stenning. 2,380,288; July 10.
Radiosonde antenna system. C. B. Pear, Jr. 2,366,423; Jan. 2.
Radiosonde system, Chronometric. J. A. Siderman. 2,381,009; Aug. 7.
Radio system. C. W. Hansell. 2,381,444; Aug. 7.
Radio system for obtaining bearings. E. Müller. 2,368,318; Jan. 30.
Radio telephone system. A. F. Bowers. 2,383,908; Aug. 28.
Radio transmission, Short-wave. G. C. Southworth. 2,369,808; Feb. 20.
Radio transmission system. R. M. Sprague and E. G. Fraim. 2,387,098; Oct. 16.
Radio transmitter. T. H. Price. 2,381,181; Aug. 7.
Radio transmitter. J. E. Young. 2,389,835; Nov. 27.
Radio transmitting system, Direction. W. P. Lear. 2,375,421; May 8.
Radio tube. A. Binneweg, Jr. 2,372,649; Apr. 3.
Radio tube clamp. P. Whittell and F. J. Carraine. 2,388,650; Nov. 6.
Radio tube extractor. J. W. Whitney. 2,380,128; July 10.
Radio tube socket. A. W. Franklin. 2,380,589; July 31.

Radio tube socket. H. O. Lorenzen. 2,374,221; Apr. 24.
Radio tubes, lamps and the like, Method and apparatus for repairing. N. A. Hendry. 2,371,327; Mar. 13.
Radio tuner, Automatic. J. L. Swallow. 2,366,573; Jan. 2.
Radio warning system. G. L. Beers. 2,367,327; Jan. 16.
Radius fixture. M. J. Gieleghem. 2,367,574; Jan. 16.
Raft, Catamaran type life. G. H. W. Doose. 2,377,215; May 29.
Raft, inflatable life. J. A. Walsh. 2,390,199; Dec. 4.
Raft, Life. E. D. Taylor. 2,367,902; Jan. 23.
Rail anchor. R. A. Thomann and J. A. Hyle. 2,373,923; Apr. 17.
Rail anchor, Two-piece. J. W. Skeel. 2,371,413; Mar. 13.
Rail and frog carrying device. F. F. Zavatkay. 2,368,910; Feb. 6.
Rail bender. D. A. Benner. 2,367,710; Jan. 23.
Rail bond and making the same. E. J. Sabol. Re. 22,599; Feb. 6.
Rail extractor. P. Spiegel. 2,368,269; Jan. 30.
Rail fastening. R. P. Clarkson. 2,387,009; Oct. 16.
Rail fastening. J. R. Snyder. 2,378,590; June 19.
Rail fastening, Adjustable resilient. F. W. Holstein. 2,386,315; Oct. 9.
Rail flaw detector mechanism. H. C. Drake. 2,367,848; Jan. 23.
Rail flaw detector mechanism. H. C. Drake. 2,390,783; Dec. 11.
Rail, Folding bed. J. R. Thomas. 2,370,890; Mar. 6.
Railroad seat. J. Hill. 2,383,125; Aug. 21.
Railroad tie, Metallic. A. L. Ezell. 2,386,100; Oct. 2.
Railroad track cleaner. E. Tackett. 2,374,312; Apr. 24.
Railway brake, C. L. Eksergian. 2,382,550; Aug. 14.
Railway braking apparatus. H. C. Clausen and L. K. Hedding. 2,372,550; Mar. 27.
Railway braking system. E. H. Piron. 2,368,726; Feb. 6.
Railway car. O. Jabelmann. 2,380,528; July 31.
Railway car end construction. H. D. Breen and A. F. O'Connor. 2,373,378; Apr. 10.
Railway car side door. K. F. Nystrom. Re. 22,633; Apr. 17.
Railway car structure. G. G. Gilpin. 2,390,434; Dec. 4.
Railway car structure. W. J. Tangerman. 2,380,086; July 10.
Railway car tether releasing means. J. F. Day. 2,370,523; Feb. 27.
Railway car truck. G. E. Dath. 2,386,384; Oct. 9.
Railway car truck. S. B. Haseltine. 2,375,918; May 15.
Railway crossing. J. V. Houston and B. R. Habel. Re. 22,663; Aug. 14.
Railway dump car door operating mechanism. W. F. Batho. 2,371,277; Mar. 13.
Railway frog body. C. W. Breed. Re. 22,630; Apr. 17.
Railway hatch cover and locking means therefor. F. Ditchfield. 2,372,369; Mar. 27.
Railway mail delivery device. P. Bernstein. 2,379,412; July 3.
Railway, Miniature. L. B. Green. 2,387,578; Oct. 23.
Railway signaling system. O. S. Field. 2,379,512; July 3.
Railway signaling system. A. L. Jerome. 2,369,053; Feb. 6.
Railway signaling system. J. J. Van Horn. 2,370,094; Feb. 20.
Railway skate control and operating apparatus. G. T. Clark. 2,390,055; Dec. 4.
Railway switch circuit controller. H. L. Bone. 2,373,451; Apr. 10.
Railway switch controlling apparatus. R. A. McCann. 2,368,766; Feb. 6.
Railway switch mechanism. R. Abercrombie. 2,376,952; May 29.
Railway switch operating apparatus. H. L. Bone. 2,380,145; July 10.
Railway switch operating apparatus. H. L. Bone. 2,385,492; Sept. 25.
Railway switch operating mechanism. H. L. Bone. 2,387,826; Oct. 30.
Railway switch operating apparatus. M. A. Nyberg. 2,371,064; Mar. 6.
Railway switch operating apparatus. G. L. Temple. 2,373,517; Apr. 10.
Railway track assembly. G. J. H. Siebert. 2,377,273; May 29.
Railway track circuit apparatus. P. N. Martin. 2,367,729; Jan. 23.
Railway track circuit apparatus. H. A. Thompson. 2,367,742; Jan. 23.
Railway traffic controlling apparatus. E. M. Allen. 2,385,179; Sept. 18.
Railway traffic controlling apparatus. H. L. Black. 2,375,890; May 15.
Railway traffic controlling apparatus. H. L. Bone and C. E. Staples. 2,383,037; Aug. 21.
Railway traffic controlling apparatus. P. H. Crago. 2,378,751; June 19.
Railway traffic controlling apparatus. C. W. Fallor. 2,366,776 Jan. 9.
Railway traffic controlling apparatus. H. A. Haines. 2,367,723; Jan. 23.
Railway traffic controlling apparatus. A. L. Jerome. 2,372,580; Mar. 27.
Railway traffic controlling apparatus. F. H. Nicholson. 2,380,864; July 31.
Railway traffic controlling apparatus. N. C. Shaw. 2,368,785; Feb. 6.
Railway traffic controlling apparatus. H. A. Thompson and J. J. Van Horn. 2,370,091; Feb. 20.
Railway traffic controlling apparatus. J. J. Van Horn. 2,374,792; May 1.
Railway traffic controlling apparatus. W. W. Wenhols. 2,375,969; May 15.
Railway truck brake beam support. E. G. Busse. 2,383,955; Sept. 4.
Railway truck brake structure. C. F. Frede. 2,374,738; May 1.
Railway truck structure. C. F. Frede. 2,374,739; May 1.
Railway truck structure. O. Jabelmann. 2,372,380; 2,372,380; Mar. 27.
Railway truck structure. H. M. Pflager. 2,374,776–7; May 1.
Railway truck structure. J. C. Travilla, Jr. 2,369,991; Feb. 20.
Railway vehicle. A. W. Bruce. 2,368,590; Jan. 30.
Rain gauge. F. W. Larson. 2,381,602; Aug. 7.
Rain gauge. J. B. Moore. 2,384,954; Sept. 18.
Raising sunken ships. C. E. Kittinger. 2,390,654; Dec. 11.
Rake and stacker, Tractor operated. C. O. Messing. 2,372,908; Apr. 3.
Rake attachment for vehicles. E. Sembler and J. E. Gerard. 2,371,549; Mar. 13.
Rake, Dump. F. T. Blayoes. 2,366,234; Jan. 2.
Rake, Dump. A. E. Rutter. 2,380,190; July 10.
Rake, Metal. J. H. Lewis. 2,386,617; Oct. 9.
Rake, Side delivery. F. D. Jones. 2,370,355; Feb. 27.
Rake, stacker, and loader, Combination sweep stack. T. G. Walker. 2,371,273; Mar. 13.
Rake, Tractor. P. P. Hicks. 2,388,411; Nov. 6.
Rake, Tractor dump. C. H. Gemberling. 2,377,686; June 5.
Rake, Tractor operated sweep. H. H. Ringger. 2,372,638; Mar. 27.
Ram, Pneumatic launching. H. K. Ward, I. W. Skillings, and W. S. Brown. 2,370,431; Feb. 27.
Ram, Pneumohydraulic. J. D. Langdon. 2,371,450; Mar. 13.
Ram travel, Equalizing hydraulic. R. J. Hess. 2,377,007; May 29.
Ramp for vehicles, Portable. H. A. Sherry. 2,370,427; Feb. 27.
Range. L. V. Brumbaugh. 2,376,571; May 22.
Range apparatus. H. E. Cossin. 2,367,007; Jan. 9.
Range apparatus. H. E. Cossin. 2,384,075; Sept. 4.
Range boiler. S. W. Ford. 2,366,507; Jan. 2.
Range construction. S. H. Hobson and H. H. Ring. 2,390,438; Dec. 4.
Range finder. G. A. Brueske. 2,378,354; June 12.
Range finder. J. Galamb, A. O. Roberts, and H. A. Chubbuck. 2,383,185; Aug. 21.
Range finder. E. B. Hammond and D. J. Campbell. 2,382,991; Aug. 21.
Range finder. E. K. Kaprelian. 2,386,614; Oct. 9.
Range finder. B. E. Luboshez. 2,373,406; Apr. 10.
Range finder. G. P. Silverstein. 2,371,779; Mar. 20.
Range finder for cameras. M. Schwartz and W. Castedello. 2,376,982; May 29.
Range finder for cameras. H. Schwartz and W. Castedello. 2,388,714; Nov. 13.
Range finder, Optical. H. E. Ives. 2,390,652; Dec. 11.
Range-finding apparatus. B. N. Wallis. 2,388,197; Oct. 30.
Range, Gas. A. L. Rose. 2,387,809; Oct. 30.
Range of magnetic detectors, Determining the effective. P. P. Horni. 2,378,014; June 12.
Range or distance finder and try-square, Combination. H. G. Whitmore. 2,377,987; June 12.
Range quadrant identification circuit. L. Norton. 2,379,739; July 3.
Ranging device. W. B. Klemperer. 2,384,098; Sept. 4.
Rasp and making same, Buffing. L. A. Crocker. 2,382,209; Aug. 14.
Rattrap. E. B. Rice. 2,377,967; June 12.
Ratchet and pawl mechanism. F. Waller. 2,377,733; June 5.
Ratchet measuring wrench. K. R. Larson and G. M. Walraven. 2,374,217; Apr. 24.
Ratchet wrench. J. E. Cronan. 2,376,575; May 22.
Rate controller, Heating. R. J. Smith. 2,385,308; Sept. 18.
Rate determining mechanism. J. K. Macomber. 2,389,861; Nov. 27.
Rate-of-climb indicator. De W. R. Goddard. 2,379,293; June 26.
Rate-of-climb indicator. A. R. Lee. 2,378,227; June 12.
Rate of climb indicator. D. G. C. Luck. 2,369,788; Feb. 20.
Rate of rise circuit contact operating device. J. F. Rowe and J. E. Rowe. 2,388,645; Nov. 6.
Rate of turn meter and bank indicator. P. A. Noxon. 2,387,938; Oct. 30.
Ratio changer, Line shaft. F. J. Morith. 2,373,138; Apr. 10.
Rattle. V. D. Desmond. 2,380,368; July 10.
Rattle. O. E. Magnuson. 2,386,561; Oct. 9.
Raw material for resin synthesis. Le R. U. Spence and C. H. McKeever. 2,381,855; Aug. 7.

Ravioli, Method of and apparatus for making. M. Valdastri, Sr. 2,386,993; Oct. 16.
Ray sight and film holder for X-ray machines. J. Homer. 2,382,484; Aug. 14.
Rayon. W. K. Farr. 2,371,233; Mar. 13.
Rayon, Manufacture of. G. I. Thurmond. 2,369,190; Feb. 13.
Rayon, Manufacture of. G. I. Thurmond. 2,369,191; Feb. 13.
Rayon or nylon tire cord inspecting reel. C. A. Hogan. 2,376,773; May 22.
Razor. H. H. Clein. 2,388,722; Nov. 13.
Razor. J. L. Kleinman. Re. 22,638; Apr. 24.
Razor. E. M. Perkins. 2,383,887; Aug. 28.
Razor. J. E. Ross. 2,370,815; Mar. 6.
Razor. H. Schwartz. 2,375,444; May 8.
Razor and blade, Safety. J. Muros. 2,367,422; Jan. 16.
Razor and blade, Safety. M. J. Shnitzler. 2,371,412; Mar. 13.
Razor blade carrier. Z. Auerbach. 2,367,084; Jan. 9.
Razor blade holder. H. S. Stern. 2,369,618; Feb. 13.
Razor blade holder for sharpening. P. C. Rhegas. 2,391,741; Dec. 25.
Razor blade sharpener and adjustable mirror. J. Konsel. 2,366,338; Jan. 2.
Razor blades, Holder for stropping. L. E. Hansen. 2,382,924; Feb. 6.
Razor, Electric. C. L. Henningsen. 2,387,756; Oct. 30.
Razor, Floating. G. Monnet. 2,387,765; Oct. 30.
Razor, Mechanical. J. Sonne. 2,372,401; Mar. 27.
Razor of the dry shaver type, Safety. H. H. McGuffin. 2,371,535; Mar. 13.
Razor, Power. W. P. Boyd. 2,375,521; May 8.
Razor rack. C. E. Dunham. 2,390,060; Dec. 4.
Razor, Safety. D. Bensel. 2,386,536; Oct. 9.
Razor, Safety. C. K. Brandt, Sr. 2,382,957; Aug. 21.
Razor, Safety. E. A. Brooke. 2,372,635; Mar. 27.
Razor, Safety. F. H. Eve and A. E. Clark. 2,379,479; July 3.
Razor, Safety. M. Feldman. 2,366,445; Jan. 2.
Razor, Safety. L. Frank. 2,381,043; Aug. 7.
Razor, Safety. F. A. Gaide. 2,367,571; Jan. 16.
Razor, Safety. R. S. McWatters. 2,372,100; Mar. 20.
Razor, Safety. J. M. Mellon. 2,374,612; Apr. 24.
Razor, Safety. J. Muros. 2,367,517; Jan. 16.
Razor, Safety. V. B. Nelson. 2,369,685; Feb. 20.
Razor, Safety. J. W. O'Mealey. 2,383,882; Aug. 28.
Razor, Safety. F. C. Rojahn. 2,376,276; May 15.
Razor, Safety. N. Testi. 2,377,388; June 5.
Razor, Safety. N. Testi. 2,386,727; Oct. 9.
Razor, Safety. G. E. Traynham. 2,389,470; Nov. 20.
Razor, Safety. R. C. Warner. 2,391,606; Dec. 25.
Razors, Element for safety. V. T. Van Slyke. 2,367,547; Jan. 16.
Reactance. R. W. Keiser. 2,387,797; Oct. 30.
Reactance control circuit. M. G. Crosby. 2,383,848; Aug. 28.
Reactance tube. M. G. Crosby. 2,371,285; Mar. 13.
Reactance tube circuit. F. G. Marble. 2,382,436; Aug. 14.
Reacting furfuryl alcohol and acid condensation products of furfuryl alcohol with glyoxal and polymerized glyoxal and products produced thereby. M. T. Harvey and R. F. Durst. 2,383,793; Aug. 28.
Reaction mixtures containing aldehydes, Separation of. H. M. Stanley and W. A. Smart. 2,372,031; Mar. 20.
Reaction of acetone with unsaturated compounds. O. W. Shannon. 2,381,371; Aug. 7.
Reaction process. W. Davey. 2,389,246; Nov. 20.
Reaction product and making same. Esterification. M. De Groote and B. Keiser. 2,382,612; Aug. 14.
Reaction product of alkyleneimine with ammonium thiocyanate. R. A. Mathes. 2,376,796; May 22.
Reaction products of secondary aliphatic alcohol and formaldehyde and producing the same. M. T. Harvey. 2,388,409; Nov. 6.
Reaction products and triazine derivatives. G. F. D'Alelio. 2,378,198; June 12.
Reaction products of aldehydes and diazine derivatives. G. F. D'Alelio. 2,379,691; July 3.
Reaction products of aldehydes and diazine derivatives. G. F. D'Alelio and J. W. Underwood. 2,382,211; Aug. 14.
Reaction products of alkylated phenols and terpene-phosphorous sulphide. R. L. May. 2,379,312; June 26.
Reaction products of an aldehyde and a triazole derivative. G. F. D'Alelio. 2,369,948; Feb. 20.
Reaction products of an aldehyde and a triazole derivative. G. F. D'Alelio. 2,384,369; Sept. 4.
Reaction products of dienes and producing same. A. A. Miller and T. F. Bradley. 2,382,803; Aug. 14.
Reaction products of hydroxylated polyamines, higher molecular weight carboxylic acids and organic sulphonic acids. D. W. Jayne, Jr., and H. M. Day. 2,391,830; Dec. 25.
Reactions between organic nitrogen compounds and reaction products of formaldehyde with sulphamates. M. E. Cupery. 2,369,439; Feb. 13.
Reactions between organic nitrogen compounds and reaction products of formaldehyde with sulphamates. J. F. Walker. 2,369,503; Feb. 13.
Reactions of tertiary olefins with aldehydes. R. Rosen and E. Arundale. 2,368,494; Jan. 30.
Reactor. W. E. Huisberg. 2,391,315; Dec. 18.
Reactor. L. A. Mekler and C. G. Gerhold. 2,369,478; Feb 13.
Reactor. G. T. Tobiasson. 2,388,451; Nov. 6.
Reactor construction. E. C. Wentz. 2,374,059; Apr. 17.
Reactors, Cooling current limiting. L. E. Sauer. 2,387,947; Oct. 30.
Reading aid for scaled implements. J. Kamienski. 2,367,872; Jan. 23.
Reading and projection apparatus. V. E. Pratt. 2,369,248; Feb. 13.
Readout device with rounding off control means incorporated. J. N. Wheeler. 2,366,890; Jan. 9.
Reagent preparation and use in separation of unsaturated hydrocarbons. W. A. Schulze and L. C. Morris. 2,386,358; Oct. 9.
Reamer. A. L. Anderson. 2,377,660; June 5.
Reamer. J. L. Boland. 2,367,560; Jan. 16.
Reamer. F. A. Miller. 2,372,219; Mar. 27.
Reamer, Adjustable. W. R. Vosper. 2,376,021; May 15.
Reamer, Adjustable blade. M. K. Macafee. 2,369,587; Feb. 13.
Reamer, Automatic. H. A. Doerner. 2,380,098; July 10.
Reamer, cylinder ridge. W. F. Mitchell. 2,380,605; July 31.
Reamer, Expanding. H. E. McCallion. 2,385,999; Oct. 2.
Reamer, Expansion. J. H. Gracey. 2,381,999; Aug. 14.
Reamer, Floating. F. V. Calhoun. 2,371,127; Mar. 13.
Reamer, Spring blade. J. Gordon. 2,380,517; July 31.
Reaming and honing device. F. W. Steenbock and W. P. Naegele. 2,366,158; Jan. 2.
Reaming tool. D. R. King. 2,368,476; Jan. 30.
Rearview device. C. Barden. 2,375,887; May 15.
Recap mold. D. M. MacMillan. 2,372,216–7; Mar. 27.
Recap tire balancing wheel. F. Sherwood and C. J. Kriz. 2,390,008; Nov. 27.
Receiver; *See*—
Frequency modulation receiver.
Receiver. H. L. Dietrich. 2,369,542; Feb. 13.
Receiver, Ash. R. N. Baylis. 2,380,377; July 31.
Receiver, Ash. R. H. Weber. 2,388,585; Nov. 6.
Receiver-assembly for firearms. D. M. Williams. 2,373,213; Apr. 10.
Receiver desensitizing circuit. D. F. Vrooman. 2,369,193; Feb. 13.
Receiver, Fare. G. E. Collins. 2,367,999; Jan. 23.
Receiver for remote control systems, Selective. A. P. Jackel. 2,381,499; Aug. 7.
Receiver for single side band systems. C. E. Weaver. 2,379,052; June 26.
Receiver, Frequency modulated carrier wave. P. F. G. Holst and L. R. Kirkwood. 2,367,352; Jan. 16.
Receiver, Frequency modulation. J. M. Jadraque and L. J. Cavallero. 2,381,754; Aug. 7.
Receiver, Frequency modulation. G. L. Usselman. 2,382,590; Aug. 14.
Receiver, High-frequency. G. G. Young. 2,387,632; Oct. 23.
Receiver, Television. J. K. Rose. 2,368,882; Feb. 6.
Receiver with band spread, Multiband. W. R. Koch 2,383,322; Aug. 21.
Receiving system. C. W. Hansell. 2,379,900; July 10.
Receiving system. W. E. Olsen. 2,373,495; Apr. 10.
Receiving system, Frequency modulation. W. R. Koch. 2,379,721; July 3.
Receptacle; *See*—

Collapsible receptacle.	Paper receptacle.
Cardboard receptacle.	Pocket ash receptacle.
Coin receptacle.	Portable grease receptacle.
Dispensing receptacle.	Sanitary waste receptacle.
Filing receptacle.	Toothbrush receptacle.
Flexible pocket receptacle.	Trash and garbage receptacle.
Food storage receptacle.	
Glass receptacle.	

Receptacle. K. H. Dittmann. 2,376,530; May 22.
Receptacle. W. E. Donegan. 2,369,341; Feb. 13.
Receptacle. R. G. Owen. 2,389,385; Nov. 20.
Receptacle. M. F. Smith. 2,384,974; Sept. 18.
Receptacle. H. L. Snyder. 2,374,390; Apr. 24.
Receptacle and carrier. T. F. Duis. 2,368,752; Feb. 6.
Receptacle and closure. C. F. Kramer. 2,372,381; Mar. 27.
Receptacle and closure means therefor. S. J. Rudolph. 2,370,997; Mar. 6.
Receptacle and closure therefor. S. N. Buchanan. 2,378,683; June 19.
Receptacle and making it. W. J. De Witt. 2,389,601; Nov. 27.
Receptacle and rack. A. L. Di Lieto. 2,376,670; May 22.
Receptacle and wall plug, Outlet. A. M. David. 2,380,151; July 10.
Receptacle closure. S. Blackman. 2,390,291; Dec. 4.
Receptacle filling apparatus. M. A. Benton. 2,383,761; Aug. 28.
Receptable for food and water. A. F. Woodward. 2,366,584; Jan. 2.
Receptacle or case, Closed. M. L. Rathbun. 2,379,254; June 26.
Receptacles, Forming counterbored. D. H. Cravener, Jr., R. C. Ingersoll, and F. B. Wendel. 2,384,444; Sept. 11.
Reciprocal elements, Packing. W. Coopey. 2,369,883; Feb. 20.
Reciprocating pump. C. C. S. Le Clair. 2,371,054; Mar. 6.

Reciprocating pump. C. C. S. Le Clair. 2,383,324; Aug. 21.
Reciprocating pump. C. C. S. Le Clair. 2,390,798; Dec. 11.
Reciprocating pump. C. D. Macgill. 2,389,918; Nov. 27.
Reciprocating ram pump. J. M. Towler and F. H. Towler. 2,370,760; Mar. 6.
Reciprocatory motion apparatus. T. Jordan. 2,391,785; Dec. 25.
Recirculating system for gas-fired ovens. S. Altamore. 2,389,706; Feb. 20.
Recirculation insulated space heater. A. P. Livar. 2,389,265; Nov. 20.
Reclaimer, Pipe-line. K. C. Knapp. 2,386,615; Oct. 9.
Reclaiming method. D. V. Moore and H. H. Thompson. 2,386,707; Oct. 9.
Reclaiming system, Condensate. C. Hungerford, Jr., 2,372,952; Apr. 3.
Reclamation means, Energy. F. W. Gay. 2,381,947; Aug. 14.
Reclamation process. W. L. Hoff. 2,382,317; Aug. 14.
Reclining chair. A. Wohlk. 2,374,848; May 1.
Reclosable metal container. W. F. Punte. 2,383,274; Aug. 21.
Record assembly, Carbon interleaved. J. G. Kerr. 2,390,259; Dec. 4.
Record-card holder. G. D. Wiepert. 2,371,487; Mar. 13.
Record carrier. G. Solkover. 2,366,940; Jan. 9.
Record changer. R. A. Beecwar. 2,368,086; Jan. 30.
Record changer for phonographs. H. V. Alexandersson and N. U. Hagren. 2,390,862; Dec. 11.
Record changing mechanism for phonographs. T. W. Small. 2,371,361–2; Mar. 13.
Record controlled machine. E. A. Ford. 2,375,296; May 8.
Record controlled machine. C. D. Lake and G. F. Daly. 2,375,307; May 8.
Record controlled machine. D. W. Rubidge, C. R. Manning, J. D. Flood and J. B. Greene. 2,379,828; July 3.
Record controlled system. S. B. Williams. 2,386,763; Oct. 16.
Record controlled tape punching machine. C. R. Doty. 2,391,773; Dec. 25.
Record filing means. H. V. Emblem and M. D. Baker. 2,373,179; Apr. 10.
Record, Magnetic sound. R. K. Potter. 2,381,463; Aug. 7.
Record, Making. D. C. Rockola. 2,385,653; Sept. 25.
Record punching machine. C. R. Doty. 2,377,766; June 5.
Record repeater, Phonograph. A. L. Barnes. 2,379,560; July 3.
Record reproducing device. C. R. Dale. 2,369,284; Feb. 13.
Record reproducing system. C. M. Sinnett and R. Snepvangers. 2,374,785; May 1.
Record reproducing system. C. M. Sinnett and R. Snepvangers. 2,388,578; Nov. 6.
Record sensing device. W. A. Ayres. 2,366,627; Jan. 9.
Record sensing means. J. D. Hood. 2,377,783; June 5.
Recorder. R. Dally, F. H. Goldsmith, and D. J. Munroe. 2,379,282; June 26.
Recorder. L. M. Swift. 2,389,828; Nov. 27.
Recorder and drive therefor, Magnetic. M. Camras. 2,369,017; Feb. 6.
Recorder and motion-picture camera, Combination sound. B. Kreuzer. 2,379,489; July 3.
Recorder, Autointerpregraph signal. L. S. Rose. 2,375,588; May 8.
Recorder, Automatic. D. H. Cameron. 2,366,383; Jan. 2.
Recorder, Code translating. H. J. Nichols. 2,370,989; Mar. 6.
Recorder, Drilling rate. H. M. Rutherford. 2,390,178; Dec. 4.
Recorder, Duplicating. W. H. Tribble. 2,380,482; July 31.
Recorder, Facsimile. A. Blain. 2,368,739; Feb. 6.
Recorder, Facsimile. A. Blain. 2,384,722; Sept. 11.
Recorder, Facsimile. A. Blain. 2,391,768; Dec. 25.
Recorder, Facsimile. W. G. H. Finch. 2,391,145; Dec. 18.
Recorder, Interaction. E. D. Chapple. 2,387,563; Oct. 23.
Recorder, Phonograph. L. B. Glaser and R. G. Franey. 2,388,964; Nov. 13.
Recorder, Photographic identifying mark. J. W. Bryce. 2,369,431; Feb. 13.
Recording and communication apparatus. E. J. Rabenda. 2,379,827; July 3.
Recording and controlling vehicle motion. A. G. B. Metcalf. 2,368,673; Feb. 6.
Recording and counting device. L. A. Finzi. 2,377,622; June 5.
Recording and indicating system. J. R. MacKay. 2,391,060; Dec. 18.
Recording and reproducing apparatus. J. J. Shively and H. R. Van Deventer. 2,374,842; May 1.
Recording and reproducing device. S. J. Begun. 2,376,388; June 19.
Recording and reproducing, Magnetic. S. J. Begun. 2,380,392; July 31.
Recording and reproducing system, Automatic. W. S. Halstead. 2,385,701; Sept. 25.
Recording and reproducing system, Sound. C. L. Price. 2,384,131; Sept. 4.
Recording apparatus. A. Blain. 2,389,021; Nov. 13.
Recording apparatus. J. W. Bryce. 2,377,754; June 5.
Recording apparatus. J. T. Davidson and B. T. Bickel. 2,366,708; Jan. 9.
Recording apparatus. I. M. Stein. 2,389,827; Nov. 27.
Recording apparatus and method. A. W. Metzner. 2,370,549; Dec. 11.
Recording apparatus, Signal. R. J. Wise. 2,384,515; Sept. 11.
Recording instrument for oil wells. C. R. Dale. 2,382,609; Aug. 14.
Recording machine. W. A. Ayres. 2,375,271; May 8.
Recording mechanism. A. D. Branham. 2,385,399; Sept. 25.
Recording mechanism, Play eliminative. O. S. Carliss. 2,382,132; Aug. 14.
Recording means, Automatically adjustable. R. J. Wise. 2,375,267; May 8.
Recording-reproducing device. S. J. Begun. 2,378,389; June 19.
Recording system. R. B. Colt and R. R. Chappell. 2,374,653; May 1.
Recording system. R. E. Powell. 2,387,678; Oct. 23.
Recording system and apparatus, Facsimile. R. J. Wise. 2,376,888; May 29.
Recording system, Photoelectric. R. L. Hood. 2,376,311; May 15.
Recovery and purification of iodine. H. I. Wolff. 2,385,483; Sept. 25.
Recovery and regeneration of isobutene. E. E. Willauer and I. P. Jones. 2,380,350; July 10.
Recovery of valuable hydrocarbons. E. L. Hall. 2,379,518; July 3.
Rectangular pot burner. A. P. Livar. 2,369,833; Feb. 20.
Rectifier. W. A. Ray. 2,383,735; Aug. 28.
Rectifier. M. F. Skinker. 2,369,185; Feb. 13.
Rectifier. G. H. Shoemaker. 2,380,080; July 10
Rectifier and making same. M. F. Skinker. 2,383,993; Sept. 4.
Rectifier battery charger circuit. R. O. Whitesell. 2,372,698; Apr. 3.
Rectifier, Blocking-layer. N. W. H. Addink, J. J. A. P. van Amstel, and N. Bos. 2,381,025; Aug. 7.
Rectifier, Demountable high-vacuum hot-cathode. F. Beldi. 2,390,683; Dec. 11.
Rectifier for change-over work. H. J. McCreary. 2,378,311; June 12.
Rectifier forming. F. D. Williams, Jr. 2,375,181; May 1.
Rectifier, Gas-filled high-tension. W. Muller. 2,366,349; Jan. 2.
Rectifier, Selenium. W. E. Blackburn. 2,390,771; Dec. 11.
Rectifier, Self-regulating. H. N. Christopher. 2,373,383; Apr. 10.
Rectifier system. H. H. and W. W. Seifert. 2,390,005; Nov. 27.
Rectifier transformer. A. J. Maslin. 2,374,029; Apr. 17.
Rectifiers. D. Rau and C. E. Peters. 2,391,194; Dec. 18.
Reducing device, Fracture. M. G. Hardinge. 2,381,050; Aug. 7.
Reducing device, Oscillation. F. M. M. B. Salomon. 2,387,776; Oct. 30.
Reducing echo effects in picture transmission systems, Method and apparatus for. F. J. Bingley. 2,372,870; Apr. 3.
Reducing machine. L. Pallmann. 2,377,443; June 5.
Reducing method. D. N. Burruss, Jr., and J. E. Drapeau, Jr. 2,373,657; Apr. 17.
Reducing mill. H. C. Inslee. 2,386,883; Oct. 16.
Reducing mill. H. C. Inslee. 2,387,515; Oct. 23.
Reduction gear. R. E. Cherry and N. C. Bremer. 2,383,956; Sept. 4.
Reduction products from unsaturated fatty acids or their derivatives, Manufacture of. W. Rittmeister. 2,374,379; Apr. 24.
Reed. S. J. Lucas. 2,375,934; May 15.
Reed contact unit, Sealed. F. W. Stubner. 2,370,203; Feb. 27.
Reed, Double. A. Brilhart. 2,374,579; Apr. 24
Reed for musical instruments. A. Brilhart. 2,388,822; Nov. 13.
Reed for warping machines and the like. F. H. Kaufmann. 2,386,689; Oct. 9.
Refining and purification of sugar juices. H. A. Vallez. 2,388,194; Oct. 30.
Refining process. E. E. Stahly. 2,388,095; Oct. 30.
Reel; *See*—

Clothes reel.	Plumb bob line reel.
Clothesline reel.	Plumb bob reel.
Coil supporting reel.	Rayon or nylon tire cord inspecting reel.
Continuous strip-handling reel.	Spring-wound cord-controlled take-up reel.
Electric cable reel.	Tape reel.
Film developing reel.	Thread-advancing reel.
Film reel.	Winding reel.
Fishing line reel.	Wire pay-off reel.
Fishing reel.	Wire reel.
Harvester reel.	Wire winding and unwinding reel.
Hose reel.	
Packaging reel.	

Reel. D. C. Hardie. 2,382,790; Aug. 14.
Reel. M. K. Hedge. 2,367,214; Jan. 16.
Reel. G. F. Miller. 2,377,640; June 5.

Reel and bracket therefor, Cartridge belt. G. Ironside. 2,372,424; Mar. 27.
Reel and collapsible support therefor, Adjustable. R. R. Berman. 2,382,968; Aug. 21.
Reel construction. N. F. Dour and V. R. Stenger. 2,391,141; Dec. 18.
Reel drive mechanism. O. L. Bowers and S. Newburger. 2,372,310; Mar. 27.
Reel for narrow fabrics, Foldable. F. Fox. 2,369,958; Feb. 20.
Reel for wire-drawing machines. J. Kramer. 2,390,158; Dec. 4.
Reel, Harvester. W. H. Harrison. 2,380,173; July 10.
Reel or spool for motion-picture films. P. D. Obelensky. 2,373,704; Apr. 17.
Reel seat. J. Heddon. 2,379,578; July 3.
Reel spindle, Film. J. L. Underhill. 2,385,479; Sept. 25.
Reel structure. W. J. Elvin and J. B. Steiding. 2,371,684; Mar. 20.
Reeling apparatus. J. D. Beebe. 2,386,086; Oct. 2.
Reeling device. W. H. Furness. 2,387,252; Oct. 23.
Reeling device and reeling. F. Pollak. 2,384,963; Sept. 18.
Refinery wastes, Disposal of. P. E. Malson. 2,367,172; Jan. 9.
Refining dry materials, Method and apparatus for. N. H. Andrews. 2,390,678; Dec. 11.
Refining means, Oil. A. M. Braun. 2,388,821; Nov. 13.
Refining operation. C. A. Hillman and D. L. Campbell. 2,391,160; Dec. 18.
Refining process. W. W. Hodgeson. 2,391,367; Dec. 18.
Refining process. N. F. Linn. 2,377,087; May 29.
Reflecting device. R. L. Anderson. 2,378,677; June 19.
Reflecting device for signs and the like. F. A. Best. 2,384,524; Sept. 11.
Reflection means for presenting pictures. N. Tanaka. 2,374,566; Apr. 24.
Reflector. E. L. McKinney. 2,375,669; May 8.
Reflector. J. H. Owens. 2,387,038; Oct. 16.
Reflector. W. O. Spieth. 2,367,067; Jan. 9.
Reflector apparatus and button therefor. H. C. Shaw. 2,378,736; June 19.
Reflector, Automobile lamp. J. A. Taylor. 2,367,475; Jan. 16.
Reflector, Colored reflex light. P. V. Palmquist. 2,383,884; Aug. 28.
Reflector, Dichroic. G. L. Dimmick. 2,379,790; July 3.
Reflector element. A. M. Taylor. 2,367,154; Jan. 9.
Reflector for attachment to eyeglasses, Rearview. M. A. Swan. 2,371,196; Mar. 13.
Reflector for lighting fixtures, Exteriorly illuminated. G. P. Wakefield. 2,381,792; Aug. 7.
Reflector, Reflex light. P. V. Palmquist. 2,379,741; July 3.
Reflector, Revolving. E. N. Cavert. 2,383,042; Aug. 21.
Reflector support. L. Schwarzmayr. 2,382,179; Aug. 14.
Reflectoscope. H. L. Bloxom. 2,381,801; Aug. 7.
Reflex converter circuit. K. Seiler. 2,383,345; Aug. 21.
Reflex light reflector. M. L. Gebhard. 2,379,702; July 3.
Refraction means for presenting pictures. N. Tanaka. 2,386,075; Oct. 2.
Refractometer. S. J. Jacobsohn. 2,371,625; Mar. 20.
Refractometer. M. Silge. 2,383,347; Aug. 21.
Refractometer. M. Silge. 2,391,599; Dec. 25.
Refractometer for turbid liquids and pulpous substances. G. Hansen. 2,387,581; Oct. 23.
Refractory body of high electronic emission. J. Kurtz. 2,389,060; Nov. 13.
Refractory composition. E. Wainer. 2,372,236; Mar. 27.
Refractory composition and making the same. E. Wainer. 2,373,864; Apr. 17.
Refractory metal composition. F. R. Hensel and E. I. Larsen. 2,370,242; Feb. 27.
Refractory mold. P. F. Collins. 2,380,945; Aug. 7.
Refrigerated display case. W. W. Blair. 2,382,599; Aug. 14.
Refrigerated display case. R. E. Davis. 2,379,885; July 10.
Refrigerating. F. R. Bichowsky. 2,378,177; June 12.
Refrigerating apparatus. D. F. Alexander. 2,374,967; May 1.
Refrigerating apparatus. G. M. Armstrong. 2,385,908; Oct. 2.
Refrigerating apparatus. E. L. Barnes and H. A. Brenner. 2,373,806; Apr. 17.
Refrigerating apparatus. R. W. Doeg. 2,372,938; Apr. 3.
Refrigerating apparatus. E. D. Drake. 2,386,387; Oct. 9.
Refrigerating apparatus. N. Erland af Kleen. 2,389,967; Nov. 27.
Refrigerating apparatus. J. L. Gibson. 2,366,188; Jan. 2.
Refrigerating apparatus. J. L. Gibson. 2,391,151; Dec. 18.
Refrigerating apparatus. W. Giffard. 2,368,294; Jan. 30.
Refrigerating apparatus. W. Giffard. 2,387,840; Oct. 30.
Refrigerating apparatus. M. J. Goulooze. 2,371,987; Mar. 20.
Refrigerating apparatus. A. O. Grooms. 2,376,913; May 29.
Refrigerating apparatus. A. A. Kucher. 2,389,440; Nov. 20.
Refrigerating apparatus. W. A. Kuenzli. 2,380,053; July 10.
Refrigerating apparatus. C. F. Louthan. 2,391,252; Dec. 18.
Refrigerating apparatus. H. Lutes and J. J. Buzzell. 2,381,068-9; Aug. 7.
Refrigerating apparatus. W. L. Morrison. 2,373,905; Apr. 17.
Refrigerating apparatus. W. L. Morrison. 2,391,030; Dec. 18.
Refrigerating apparatus. C. H. Nauert. 2,380,256; July 10.
Refrigerating apparatus. M. P. Penn. 2,373,909; Apr. 17.
Refrigerating apparatus. L. A. Philipp. 2,391,507; Dec. 25.
Refrigerating apparatus. H. J. Scullen. 2,387,860; Oct. 30.
Refrigerating apparatus. R. H. Starr. 2,370,267; Feb. 27.
Refrigerating apparatus. W. H. Teeter. 2,383,354; Aug. 21.
Refrigerating apparatus. W. G. Winkler. 2,369,511; Feb. 13.
Refrigerating apparatus, Absorption. N. Erland af Kleen. 2,374,184; Apr. 24.
Refrigerating apparatus, Absorption. N. Erland af Kleen. 2,377,332; June 5.
Refrigerating apparatus, Absorption and adsorption. N. Erland af Kleen. 2,377,333; June 5.
Refrigerating apparatus of the compression type. R. Hintze and A. Engelmann. 2,366,404; Jan. 2.
Refrigerating means for vehicles. A. R. Clark and C. R. and H. J. King. 2,378,063; June 12.
Refrigerating method. G. Muffly. 2,368,675; Feb. 6.
Refrigerating storage apparatus. R. Matthei. 2,389,267; Nov. 20.
Refrigerating system. W. E. Dodson. 2,379,286; June 26.
Refrigerating system. O. C. Irwin. Re. 22,678; Oct. 9.
Refrigerating system. H. F. Lathrop. 2,388,556; Nov. 6.
Refrigerating system. A. B. Newton. 2,367,305; Jan. 16.
Refrigerating system. O. C. Oliver. Re. 22,677; Oct. 2.
Refrigerating system. R. C. Webber. 2,385,667; Sept. 25.
Refrigerating system. I. E. Wiegers. 2,385,243; Sept. 18.
Refrigerating system for mobile vehicles. A. M. Biehl. 2,374,972; May 1.
Refrigerating system, Multistage. W. E. Dodson. 2,386,198; Oct. 9.
Refrigeration. P. P. Anderson, Jr. 2,367,708; Jan. 23.
Refrigeration. P. P. Anderson, Jr. 2,374,521; Apr. 24.
Refrigeration. P. P. Anderson, Jr. 2,382,123; Aug. 14.
Refrigeration. S. W. E. Anderson. 2,368,438; Jan. 30.
Refrigeration. S. W. E. Anderson. 2,372,044; Mar. 20.
Refrigeration. J. H. Beach. 2,371,214; Mar. 13.
Refrigeration. G. A. Brace. 2,377,319; June 5.
Refrigeration. H. A. Burggrabe. 2,366,955; Jan. 9.
Refrigeration. C. C. Coons. 2,379,278; June 26.
Refrigeration. C. C. Coons. 2,386,438; Oct. 9.
Refrigeration. J. Davidson. 2,380,029; July 10.
Refrigeration. V. G. Dreier. 2,377,926; June 12.
Refrigeration. P. Edberg. 2,368,455; Jan. 30.
Refrigeration. N. Erland af Kleen. 2,389,968; Nov. 27.
Refrigeration. N. Erland af Kleen. 2,390,085; Dec. 4.
Refrigeration. D. C. Gerber. 2,377,000; May 29.
Refrigeration. A. G. Gross. 2,387,657; Oct. 23.
Refrigeration. W. T. Hedlund. 2,375,359; May 8.
Refrigeration. F. A. Hedman. 2,377,782; June 5.
Refrigeration. D. H. L. Jensen and E. Harman. 2,381,667; Aug. 7.
Refrigeration. W. H. Kitto. 2,389,317; Nov. 20.
Refrigeration. R. S. Nelson. 2,368,374; Jan. 30.
Refrigeration. R. C. Osborn. 2,366,550; Jan. 2.
Refrigeration. C. G. Puchy. 2,386,505; Oct. 9.
Refrigeration. B. Reistad. 2,368,493; Jan. 30.
Refrigeration. C. A. Roswell. 2,384,861; Sept. 18.
Refrigeration. H. L. Schug. 2,366,562; Jan. 2.
Refrigeration. O. B. Sutton. 2,377,051; May 29.
Refrigeration. A. R. Thomas. 2,384,860; Sept. 18.
Refrigeration. H. M. Ullstrand. Re. 22,664; Aug. 14.
Refrigeration apparatus. J. H. Benson. 2,371,215; Mar. 13.
Refrigeration apparatus. R. S. Buchanan. 2,370,446; Feb. 27.
Refrigeration apparatus. R. M. Hall. 2,368,542; Jan. 30.
Refrigeration apparatus. G. E. Huise. 2,367,502; Jan. 16.
Refrigeration apparatus. M. Kallscher. 2,375,851; May 15.
Refrigeration apparatus. G. P. Marcy. 2,375,859; May 15.
Refrigeration apparatus. G. P. Marcy. 2,382,733; Aug. 14.
Refrigeration apparatus. G. S. McCloy. 2,366,635; Jan. 2.
Refrigeration apparatus. G. S. McCloy. 2,385,525; Sept. 25.
Refrigeration apparatus. A. L. Shields. 2,379,193; June 26.
Refrigeration apparatus. E. C. Tanner. 2,381,013; Aug. 7.
Refrigeration apparatus. E. C. Tanner. 2,387,622; Oct. 23.
Refrigeration apparatus. R. E. Tobey. 2,373,618; Apr. 10.

Refrigeration apparatus. R. E. Tobey. 2,386,919; Oct. 16.
Refrigeration apparatus. O. H. Yoxsimer. 2,375,880; May 15.
Refrigeration apparatus for the intermittent absorption or adsorption type. N. Erland af Kleen. 2,370,643; Mar. 6.
Refrigeration control. C. G. Kronmiller. 2,377,503; June 5.
Refrigeration control system. A. B. Newton. 2,367,304; Jan. 16.
Refrigeration drive. M. D. Stahl. 2,373,609; Apr. 10.
Refrigeration, Means for. M. H. McMechan. 2,380,537; July 31.
Refrigeration mechanism. R. A. Isenberg, R. S. Pershing, C. V. H. King, Jr., E. D. Patton, and R. Caraway. 2,383,486; Aug. 28.
Refrigeration system. L. Buehler, Jr. 2,387,117; Oct. 16.
Refrigeration system for air-conditioned passenger vehicles. M. E. Hanson and R. T. Palmer. 2,388,210; Oct. 30.
Refrigeration system for motor vehicles. W. Ryan, Jr., and A. C. Ratermann. 2,382,667; Aug. 14.
Refrigeration unit. J. J. Sunday. 2,384,210; Sept. 4.
Refrigeration unit. C. H. Walbert. 2,387,484; Oct. 23.
Refrigeration unit for internal-combustion engines. H. G. Schwarz. 2,385,033; Sept. 18.
Refrigerator. J. W. Chamberlain. 2,380,901; July 31.
Refrigerator. N. Erland af Kleen. 2,374,185; Apr. 24.
Refrigerator. G. K. Iwashita. 2,377,941; June 12.
Refrigerator. C. H. Nauert. 2,367,886; Jan. 23.
Refrigerator. D. F. Newman. 2,390,808; Dec. 11.
Refrigerator. F. L. Robison. 2,387,356; Oct. 23.
Refrigerator. J. N. Roth. Re. 22,680; Oct. 9.
Refrigerator. N. J. Yerkes. 2,378,524; June 19.
Refrigerator, Absorption. J. Lithgow and L. K. Jackson. 2,380,979; Aug. 7.
Refrigerator and tray construction. E. Swedman. 2,386,150; Oct. 2.
Refrigerator cabinet. D. E. Dailey. 2,386,935; Oct. 16.
Refrigerator cabinet and making same. E. E. Nofzinger. 2,366,284; Jan. 2.
Refrigerator cabinet construction. E. F. Hubacker. 2,368,837; Feb. 6.
Refrigerator cabinet construction. W. P. Jones. 2,381,598; Aug. 7.
Refrigerator car and using. B. E. Williams. 2,381,796; Aug. 7.
Refrigerator car construction. J. King. 2,372,961; Apr. 3.
Refrigerator door fastener. J. V. Jamison, Jr. 2,389,056; Nov. 13.
Refrigerator equipped with motor-driven refrigerating apparatus of the compression type. H. Schirrmeister. 2,390,182; Dec. 4.
Refrigerator, Ice. A. C. Legere. 2,374,159; Apr. 17.
Refrigerator, Twin-cylinder. W. L. Morrison. 2,380,987; Aug. 7.
Refrigerator valve. J. N. Roth. 2,372,684; Apr. 3.
Regenerating exhaled air. N. Herzmark. 2,389,309; Nov. 20.
Regeneration of doctor solution. H. H. Walker and J. P. Mostyn. 2,366,580; Jan. 2.
Regeneration of solid contact material. L. A. Mekler. 2,391,327; Dec. 18.
Regeneration of spent catalysts. A. Belchetz and H. M. Nelly, Jr. 2,374,660; May 1.
Regenerative coke oven. C. Otto. 2,376,718; May 22.
Regenerative gas heater. F. Totzek. 2,391,491; Dec. 25.
Regenerative repeating system. L. M. Potts. 2,379,253; June 26.
Register actuator. F. J. Rouan. 2,370,919; Mar. 6.
Register, Adjustment for running. C. Jacobson. 2,372,783; Apr. 3.
Register, Autographic. P. M. Hiles. 2,374,202; Apr. 24.
Register, Autographic. A. W. Metzner. 2,381,919; Aug. 14.
Register, Cash. M. Demeulenaere. 2,384,082; Sept. 4.
Register, Cash. J. J. Klosterman. 2,388,063; Oct. 30.
Register, Cash. W. J. Pasinski. 2,380,257-8; July 10.
Register, Cash. P. Spurlino, A. R. Colley, L. N. Lehman, and F. Gantner. 2,386,364; Oct. 9.
Register, Code presentation. R. T. Blakely. 2,386,423; Oct. 9.
Register for sheet feeders, Side. F. R. Belluche. 2,368,098; Jan. 30.
Register machine, Autographic. H. W. Lewis. 2,374,361; Apr. 24.
Register, Manifold. R. R. Smith, Jr. 2,373,790; Apr. 17.
Register, Pin wheel. W. C. Pfeiffer. 2,389,813; Nov. 27.
Register, Savings bond. K. M. Glasoe, Jr. 2,382,476; Aug. 14.
Register with attached automatic stamp issuing apparatus, Cash. J. Deutsch. 2,368,526; Jan. 30.
Registering and counting apparatus. F. A. Poole. 2,368,874; Feb. 6.
Registering device. B. L. Harriott. 2,391,309; Dec. 18.
Registering device for weighing apparatus. M. M. de Castro. 2,376,234; May 15.
Registering mechanism. T. A. Keen and J. Kilburg. 2,378,708; June 19.
Regular goods in flat knitting machines, Production of. H. Korber. 2,374,758; May 1.
Regulating apparatus. M. A. Edwards. 2,390,084; Dec. 4.
Regulating apparatus. J. F. Kovalsky. 2,390,796; Dec. 11.
Regulating device for controlling the supply of fuel to internal-combustion engines. P. H. Stokes. 2,374,844; May 1.
Regulating device for heating appliances, Temperature. V. Weber. 2,385,434; Sept. 25.
Regulating device for steam generators. G. Wunsch. 2,388,512; Nov. 6.
Regulating device, Speed. E. P. Williams. 2,386,645; Oct. 9.
Regulating instrument. P. F. K. Erbguth. 2,366,246; Jan. 2.
Regulating mechanism. M. Levine. 2,376,144; May 15.
Regulating mechanism. T. W. Moore. 2,383,143; Aug. 21.
Regulating mechanism, Window. J. B. Parsons. 2,381,365; Aug. 7.
Regulating system. J. K. Ely. 2,367,933; Jan. 23.
Regulating system. R. A. Geiselman. 2,390,786; Dec. 11.
Regulating system. F. W. Godsey, Jr. 2,374,008; Apr. 17.
Regulating system. H. C. Jenks. 2,389,364; Nov. 20.
Regulating system. S. J. Mikina. 2,389,382; Nov. 20.
Regulating system. C. G. Velnott. 2,367,980; Jan. 23.
Regulating system. O. C. Walley. 2,367,981; Jan. 23.
Regulating system. E. C. Watson. 2,367,983; Jan. 23.
Regulating the head and capacity of centrifugal pumps, Method and apparatus for. L. F. Moody. 2,380,606; July 31.
Regulating the passage of gases in heat exchangers. D. Dalin. 2,374,178; Apr. 24.
Regulation of atmospheric condition, Remote. C. A. de Giers and A. Wickesser. 2,371,428; Mar. 13.

Regulator; *See*—

- Adjustable transformer regulator.
- Air regulator.
- Automatic compressor regulator.
- Automatic regulator.
- Automatic voltage regulator.
- Booster regulator.
- Cable tension regulator.
- Constant current regulator.
- Distribution system regulator.
- Draft regulator.
- Electric regulator.
- Fluid pressure regulator.
- Gas pressure regulator.
- Gas regulator.
- Generator regulator.
- Induction regulator.
- Liquid slip regulator.
- Oil temperature regulator.
- Oxygen flow regulator.
- Polyphase voltage regulator.
- Power-operated window regulator.
- Power, voltage or current regulator.
- Pressure regulator.
- Sealed-in regulator.
- Throwover regulator.
- Voltage regulator.
- War regulator.
- Watch and clock regulator.

Regulator. B. O. Austin. 2,384,786; Sept. 18.
Regulator. D. Gregg. 2,381,346; Aug. 7.
Regulator. J. L. Kimball. 2,378,410; June 19.
Regulator. P. C. Temple. 2,372,345; Mar. 27.
Regulator and volume control, Low consistency. H. G. Cram. 2,368,004; Jan. 23.
Regulator control device. K. R. D. Wolfe. 2,366,585; Jan. 2.
Regulator for electrolytic plants, Current. W. R. Harris. 2,374,199; Apr. 24.
Regulator for washing machine tanks, Alkalinity. T. A. Martin. 2,382,648; Aug. 14.
Regulator mechanism. J. B. Parsons. 2,390,029; Nov. 27.
Regulator mechanism, Window. J. B. Parsons. 2,371,183; Mar. 13.
Regulator of the carbon pile type, Electric. L. R. Nixon. 2,373,591; Apr. 10.
Regulator system. L. H. Palmer. 2,373,334; Apr. 10.
Reigniting liquid-fuel burner. A. J. Turpin. 2,368,179; Jan. 30.
Reinforced abrasive wheel. A. L. Ball and P. H. Walker. 2,369,639; Feb. 20.
Reinforced concrete tank. C. Kandall. 2,389,057; Nov. 13.
Reinforced container. M. O. Kuhn. 2,381,396; Aug. 7.
Reinforced tube. W. G. Harding. 2,371,991; Mar. 20.
Reinforcement or flexible member, Rubber or plastic encased flexible. H. and O. Ghez. 2,383,122; Aug. 21.
Reinforcing bar. F. E. Fahy. 2,376,761; May 22.
Reinforcing bar. V. M. Surerus. 2,377,980; June 12.
Reinforcing device for concrete, Prestressing. H. Schorer. 2,378,584; June 19.
Relay. J. H. Horman. 2,385,858; Oct. 2.
Relay. A. J. Johnston. 2,385,994; Oct. 2.
Relay. E. R. Morton. 2,380,541; July 31.
Relay. F. Perrin and R. Pregel. 2,375,130; May 1.
Relay. W. K. Sonnemann. 2,390,813; Dec. 11.
Relay contact members. T. L. Weybrew. 2,372,144; Mar. 20.
Relay control circuit. W. E. Simpson. 2,387,536; Oct. 23.
Relay, Electromagnetic. W. A. Ray. 2,381,080; Aug. 7.
Relay mechanism, Sensitive. T. R. Harrison. 2,368,830; Feb. 6.
Relay operation. J. T. L. Brown. 2,368,197; Jan. 30.
Relay, Polarized. E. Dickten, Jr. 2,378,986; June 26.

Relay, Polarized. O. Römer. 2,375,586; May 8.
Relay, Power-reversal and fault-responsive. L. L. Fountain. 2,376,766; May 22.
Relay, Self-locking. L. W. Burch. 2,391,444; Dec. 25.
Relay structure. H. E. Bucklen, Jr., and U. C. Hedin. 2,389,592; Nov. 27.
Relay system, Time delay. J. F. Kovalsky. 2,376,784; May 22.
Relay testing system. G. R. Stibitz. 2,369,619; Feb. 13.
Relay, Thermomagnetic. G. W. Crise. 2,376,664; May 22.
Relay, Transformer differential. E. G. Ratz. 2,376,808; May 22.
Relay, Universal high-speed directional. A. C. Mehring. 2,380,187; July 10.
Relay with automatic adjuster, Photoelectric. R. S. Gregory. 2,383,644; Aug. 28.
Relaying apparatus, Discriminating protective. L. L. Fountain and E. H. Klemmer. 2,376,767; May 22.
Release agent for film-casting and embossing operations. H. L. Boulton and A. B. Savage. 2,388,206; Oct. 30.
Release box. J. H. Derby. 2,387,125; Oct. 16.
Release box for parachute harness, Quick. B. H. Turner and G. B. S. Falkiner. 2,391,204; Dec. 18.
Release device for safety roof exits. R. Kerr. 2,389,315; Nov. 20.
Release means. J. V. Dyrr. 2,369,725; Feb. 20.
Release mechanism, Quick. P. H. Taylor. 2,368,899; Feb. 6.
Releasing device. A. S. Brown. 2,376,336; May 22.
Releasing device, Automatic overload and power. J. J. Lavin. 2,376,925; May 29.
Releasing end stop slide fastener. W. Mikulas. 2,381,359; Aug. 7.
Releasing mechanism for firing actions. M. Wurzer. 2,370,435; Feb. 27.
Relief valve. R. J. Anschicks. 2,369,005; Feb. 6.
Relief valve. R. E. Clifton. 2,366,596; Jan. 2.
Relief valve. M. R. Crowe. 2,377,132; May 29.
Relief valve. W. Ernst. 2,368,754; Feb. 6.
Relief valve. J. T. Gondek and R. C. Wilson. 2,375,410; May 8.
Relief valve. R. Stevenson and A. W. Keema. 2,372,631; Mar. 27.
Relief valve for power transmission. G. C. Bonnell. 2,388,820; Nov. 13.
Remote control. B. A. Parr. 2,373,776; Apr. 17.
Remote control. R. Tyler. 2,389,829; Nov. 27.
Remote control apparatus. L. E. Hayslett and F. H. Osborne. 2,387,444; Oct. 23.
Remote control apparatus. V. Moore. 2,384,114; Sept. 4.
Remote control circuit. W. A. Tolson. 2,371,415; Mar. 13.
Remote control for variable speed transmission. J. G. Holmstrom. 2,390,711; Dec. 11.
Remote control for varying electric welding resistance. J. M. and A. J. Puleo. 2,384,195; Sept. 4.
Remote control installation. L. Finckh. 2,379,631; July 3.
Remote control locking means. S. V. Dillon. 2,387,126; Oct. 16.
Remote-control plant. W. Koenig. 2,380,766; July 31.
Remote-control speed indicator. H. E. Angold and E. B. Arnold. 2,372,633; Mar. 27.
Remote control system. G. W. Baughman. 2,376,569; May 22.
Remote control system. G. W. Baughman. 2,379,674; July 3.
Remote control system. R. C. Blakeslee. 2,377,850; June 12.
Remote control system. H. B. Deal. 2,378,540; June 19.
Remote control system. T. W. Hays. 2,389,975; Nov. 27.
Remote control system. P. B. Heineck and A. A. Medlock. 2,368,659; Feb. 6.
Remote control system. J. H. Homrighous. 2,382,055; Aug. 14.
Remote control system. R. Hultin. 2,376,359; May 22.
Remote control system. A. L. Jerome and L. V. Lewis. 2,387,152; Oct. 16.
Remote control system, Fluid pressure. F. S. Eves. 2,381,814; Aug. 7.
Remote control system for radio receivers. W. E. Newman. 2,383,338; Aug. 21.
Remote-control valve. L. A. Ward. 2,369,505; Feb. 13.
Remote gain control for video amplifiers. F. M. Deerhake. 2,388,453; Jan. 30.
Remote indicating or control system. A. C. Denisoff. 2,377,845; Jan. 23.
Remote indicating system. C. W. Sherwin. 2,389,692; Nov. 27.
Remotely controlled flow valve. A. Boynton. 2,366,175; Jan. 2.
Remotely controlled flow valve. A. Boynton. 2,368,406-7; Jan. 30.
Remotely controlled flow valve. A. Boynton. 2,371,220; Mar. 13.
Remotely controlled flow valve operating tool. A. Boynton. 2,373,647-8; Apr. 17.
Removable bottle cap. B. C. Tate. 2,373,434; Apr. 10.
Removable concrete insert plug. I. G. Haskell. 2,366,401; Jan. 2.
Removable tank heater. A. J. Turpin. 2,368,177; Jan. 30.
Removal and sifting device, Ash. A. Delean. 2,386,938; Oct. 16.
Removal device, Inverted primer. L. B. Petersen. 2,383,339; Aug. 21.
Removal of iron from ceramic raw materials. W. A. Weyl. 2,388,302; Nov. 6.
Remover, Hand or pointer. V. V. Vaughn. 2,386,370; Oct. 9.
Removing hair from the human body, Method and apparatus for. V. Arnold. 2,389,403; Nov. 20.
Removing impurities from unsaturated hydrocarbons by means of organometallic compounds. R. A. Franz. 2,389,251; Nov. 20.
Removing the stems and caps from berries and similar types of fruit, etc. Method and apparatus for. A. H. Morgan. 2,383,268; Aug. 21.
Rendering materials germicidal and germicide therefor. F. J. Bowa. 2,376,291; May 15.
Rennin, Producing crystalline. C. L. Hankinson. 2,376,848; May 22.
Repair apparatus for vehicles. A. E. W. Johnson, J. Orelind, and H. P. Smith. 2,380,313; July 10.
Repellent, Shark. A. Dinsley. 2,389,719; Nov. 27.
Repellents, Insect. S. I. Gertler. 2,389,427; Nov. 20.
Reproducer. K. J. Germeshausen. 2,373,676; Apr. 17.
Reproducer, Mechanical-electrical sound. G. Courcy and M. P. Durand. 2,382,692; Aug. 14.
Reproducing device. L. B. Hendershot. 2,387,021; Oct. 16.
Reproducing television pictures, Method and apparatus for. F. E. Fischer. 2,391,450; Dec. 25.
Reproducing unit and making the same, Sound. G. E. Gustafson. 2,371,819; Mar. 20.
Reproduction method. R. F. Ledoux. 2,386,806; Oct. 16.
Reproduction of sound. J. R. Cooney. 2,387,832; Oct. 30.
Reroller mechanism, Cigar machine. H. H. Wheeler. 2,378,166; June 12.
Reservoir for oil burning heaters, Fuel. D. B. Tolley and D. H. Hill. 2,368,585; Jan. 30.
Reshaping device, Bottle cap. R. H. Essex. 2,366,775; Jan. 9.
Resilient ball separator. W. D. Anderson. 2,367,554; Jan. 16.
Resilient fastener. J. W. Simmons. 2,391,650; Dec. 25.
Resilient filaments and fibers, Production of. R. B. Hickey. 2,373,892; Apr. 17.
Resilient materials. G. Schneider and M. E. Martin. 2,371,710; Mar. 20.
Resilient mount. R. E. Gorton. 2,377,492; June 5.
Resilient mounting. R. C. Henshaw. 2,385,759; Sept. 25.
Resilient mounting. H. H. Hile. 2,375,105; May 1.
Resilient mounting. H. H. Hile. 2,386,463; Oct. 9.
Resilient mounting. Le R. M. Kubaugh. 2,367,826; Jan. 23.
Resilient mounting. Le R. M. Kubaugh. 2,367,830; Jan. 23.
Resilient mounting. L. Wallerstein, Jr. 2,382,372; Aug. 14.
Resilient nut lock. R. E. Eggert and H. J. Le Vesconte. 2,387,251; Oct. 23.
Resilient protection for flat gauge glasses. D. R. Yarnall. 2,374,403; Apr. 24.
Resilient rail fastener. R. W. Payne. 2,380,991; Aug. 7.
Resilient seat construction. M. C. Teague. 2,367,628; Jan. 16.
Resilient shaft coupling. J. E. Mulheim. 2,379,175; June 26.
Resilient support. A. L. Sweet and M. O. Bassett. 2,379,763; July 3.
Resilient suspension for traction wheels of vehicles. C. F. Shaffer. 2,376,942; May 29.
Resilient tire and the like. E. Hajos. 2,389,430; Nov. 20.
Resilient wheel cushion. J. D. Beebe. 2,390,290; Dec. 4.
Resin. G. Spiller. 2,383,624; Aug. 28.
Resin acid lactone and its production. R. F. B. Cox. 2,382,545; Aug. 14.
Resin and making, Furfuryl alcohol. F. B. Root and C. W. Virgin. 2,368,426; Jan. 30.
Resin and making same, Modified formaldehyde-acetone. T. C. Whitner. 2,390,481; Dec. 4.
Resin and making same, Synthetic. J. E. Shand. 2,368,165; Jan. 30.
Resin and making same, Varnish. H. F. Weide. 2,378,886; June 19.
Resin and making the same, Oil-soluble. A. Haroldson. 2,380,307; July 10.
Resin and preparation, Artificial. G. F. Mills and A. V. Alm. 2,389,865; Nov. 27.
Resin and product derived therefrom, Producing a. P. H. Rhodes. 2,385,373; Sept. 25.
Resin and product thereof, Preparing melamine. P. C. Schroy. 2,385,383; Sept. 25.
Resin articles, Luminescent cast synthetic. M. L. Macht and M. M. Renfrew. 2,383,067; Aug. 21.
Resin coating compositions, Alkyd. C. Bogin. 2,389,837; Nov. 27.
Resin coating compositions, Batavia dammar. R. C. Swain and P. Adams. 2,378,364; June 12.
Resin composition. N. E. Tillotson. 2,369,379; Feb. 13.
Resin composition. G. J. Underwood. 2,391,368; Dec. 18.
Resin composition and making same, Low temperature resistant. A. J. McGillicuddy. 2,373,699; Apr. 17.
Resin composition, Hardenable. A. Voss, K. Deits, and H. Thomas. 2,390,198; Dec. 4.

Resin composition, Plasticized. H. Kline. 2,380,599; July 31.
Resin composition, Vinyl. V. Yngve. 2,370,280; Feb. 27.
Resin compositions. O. H. Yoxsimer. 2,372,153; Mar. 20.
Resin compositions, Stabilization of. T. S. Carswell. 2,378,619; June 19.
Resin compositions, Vinyl. R. M. Goepp, Jr. 2,387,841; Oct. 30.
Resin dispersions and producing. J. G. Little. 2,378,230; June 12.
Resin distillation. D. A. Lister. 2,374,220; Apr. 24.
Resin, Forming a clear plasticized styrene-maleic anhydride. H. L. Gerhart. 2,384,085; Sept. 4.
Resin from petroleum. C. E. Adams. 2,377,914; June 12.
Resin glues, Conditioning. J. F. Corwin and W. R. Moffitt. 2,372,178; Mar. 27.
Resin, Making synthetic. T. C. Whitner. 2,377,734; June 5.
Resin modified with a preformed mono salt of a polyaminotriazine, Polyaminotriazine-formaldehyde. G. F. D'Alelio. 2,368,451; Jan. 30.
Resin, Phenol-formaldehyde. J. E. Watson and K. A. Binder. 2,376,213; May 15.
Resin, Pigmented alkyd. W. A. Waldie. 2,388,301; Nov. 6.
Resin, Plasticized polyvinyl acetal. J. M. De Bell and E. R. Derby. 2,384,537-8; Sept. 11.
Resin, Polyvinal ketal acetal. J. D. Ryan and F. B. Shaw, Jr. 2,388,802; Nov. 13.
Resin, Preparing synthetic. S. H. Silberkraus. 2,373,058; Apr. 3.
Resin, Producing modified phenolaldehyde. S. S. Gutkin. 2,374,813; May 1.
Resin, Producing modified phenol aldehyde. S. S. Gutkin. 2,374,814; May 1.
Resin, Producing modified urea aldehyde. S. S. Gutkin. 2,374,811-12; May 1.
Resin product, Preparing a coated. V. Meunier. 2,370,562; Feb. 27.
Resin, Production of. P. H. Rhodes. 2,385,372; Sept. 25.
Resin products, and making the same, Primary aromatic amine aldehyde. L. Coes, Jr. 2,378,834; June 19.
Resin purification. J. Ross. 2,369,409; Feb. 13.
Resin, Recovery of poly-glyceral. H. H. and C. S. Young, and P. Bradford. 2,382,764; Aug. 14.
Resin, Rosin modified phenol-aldehyde. R. F. Schlaanstine. 2,380,192; July 10.
Resin, Urea-dimethylol urea-chlorinated acetamide. G. F. D'Alelio. 2,377,761; June 5.
Resinous composition. A. J. Norton. 2,378,575; June 19.
Resinous compositions. F. W. Hoover and G. T. Vaala. 2,371,997; Mar. 20.
Resinous compositions and articles of manufacture comprising them. W. L. Alderson, Jr. 2,374,067; Apr. 17.
Resinous compositions comprising intercondensation products of vinyl esters, guanazoles, aldehydes and/or ketones, Synthetic. G. F. D'Alelio. 2,378,199; June 12.
Resinous compositions, Production of. A. J. Norton. 2,385,370; Sept. 25.
Resinous compositions, Synthetic. M. C. Agens. 2,373,527; Apr. 10.
Resinous condensation products and the like. F. J. W. Popham. 2,379,375; June 26.
Resinous condensation products and their manufacture, Artificial. C. J. Brown. 2,374,646; May 1.
Resinous condensation products of diaminotetrazine and an aldehyde. J. K. H. Seiberlich. 2,369,371; Feb. 13.
Resinous dispersions, Preparation of. A. H. Bump. 2,383,933; Sept. 4.
Resinous material and making. C. G. Moore. 2,384,846; Sept. 18.
Resinous material and preparing. J. P. Bain. 2,374,657; May 1.
Resinous material, Preparing. C. G. Moore. 2,369,683; Feb. 20.
Resinous materials and the production thereof. K. M. Thompson. 2,382,184; Aug. 14.
Resinous products and making them. J. W. Kroeger and H. F. O'Connor. 2,386,321; Oct. 9.
Resinous substances and preparation. T. Smedslund. 2,366,813; Jan. 9.
Resins. W. C. Weltman. 2,383,430; Aug. 21.
Resins, Aminocyanoacetamide. L. H. Bock and A. L. Houk. 2,367,455; Jan. 16.
Resins and coating compositions containing them, Synthetic. H. S. Rothbrock. 2,381,884; Aug. 14.
Resins and compositions and methods of making the same, Primary aromatic amine formaldehyde. L. Coes, Jr. 2,378,831; June 19.
Resins and making such resins, Leaded phenol. R. P. Lutz. 2,367,296; Jan. 16.
Resins and making the same, Cross linked primary aromatic amine formaldehyde. L. Coes, Jr. 2,378,833; June 19.
Resins and their preparation, Allyl ester. D. E. Adelson and H. Dannenberg. 2,386,999; Oct. 16.
Resins, Curing phenol-formaldehyde. F. J. Groten. 2,367,256; Oct. 23.
Resins for making the same, Synthetic hydrocarbon. A. L. Ward. 2,373,725; Apr. 17.
Resins from coal, Recovering. A. Nagelvoort. 2,378,152; June 12.
Resins from coke oven gas, Production of. J. H. Wells and P. J. Wilson, Jr. 2,389,570; Nov. 20.
Resins, Hard. F. P. Otto and O. M. Reiff. 2,387,037; Oct. 16.
Resins, hardening the same, and products thereof, Primary aromatic amine aldehyde. L. Coes, Jr. 2,378,832; June 19.
Resins, Hydrogenated ketone. S. A. Ballard and V. E. Haury. 2,380,142; July 10.
Resins, Ketone. V. E. Haury. 2,388,410; Nov. 6.
Resins, Making stable polyvinyl acetal. J. Dahle. 2,380,824; July 31.
Resins, Method of making silicone. J. Marsden. 2,390,378; Dec. 4.
Resins, Modified vinyl. P. O. Powers. 2,371,065; Mar. 6.
Resins obtained from a polyvinyl acetal and secondary diarylamines. P. R. Austin. 2,371,943; Mar. 20.
Resins obtained from ureas and alkylolamines. W. J. Burke. 2,374,077; Apr. 17.
Resins, Phenol-aldehyde. C. Rector and C. F. Schrimpe. 2,371,915; Mar. 20.
Resins, Polysiloxane. J. G. E. Wright and J. Marsden. 2,389,477; Nov. 20.
Resins, Preparing silicone. M. M. Sprung. 2,383,827; Aug. 28.
Resins, Production of synthetic. A. C. Byrns. 2,367,183; Jan. 16.
Resins, Refining dammar. N. C. Schultze. 2,384,138; Sept. 4.
Resins, Saturated terpene. A. L. Rummelsburg. 2,386,063; Oct. 2.
Resins, Stabilizing phenolic. R. W. Auxier and W. C. Weltman. 2,383,283; Aug. 21.
Resins, Terpene. W. H. Carmody. 2,391,293; Dec. 18.
Resins, Terpene. E. Ott. 2,373,706; Apr. 17.
Resins, Terpene. A. L. Rummelsburg. 2,370,688; Mar. 6.
Resins, Terpene. A. L. Rummelsburg. 2,378,794; June 19.
Resins, Terpene. A. L. Rummelsburg. 2,383,084; Aug. 21.
Resins, Terpene. A. L. Rummelsburg. 2,384,400; Sept. 4.
Resins with thiols, Milling. E. K. Bolton. 2,384,070; Sept. 4.
Resistance, Adjustable. F. E. Hessey. 2,368,710; Feb. 6.
Resistance device. G. L. Pearson. 2,391,506; Dec. 25.
Resistance device, Variable. B. S. Turner, M. B. Arisman, and J. G. Veatch. 2,389,750; Nov. 27.
Resistance element. K. M. Lederer. 2,379,530; July 3.
Resistance having a low temperature co-efficient. C. W. Hansell. 2,366,614; Jan. 2.
Resistance switch. H. C. Bolley. 2,375,891; May 15.
Resistance unit. R. B. Immel and L. Pierce. 2,390,790; Dec. 11.
Resistance unit and element thereof. D. C. Wright. 2,378,056; June 12.
Resistance welding circuits. S. L. Burgwin. 2,378,897; June 26.
Resistor. D. R. Crosby. 2,381,724; Aug. 7.
Resistor. C. G. Whittaker. 2,372,150; Mar. 20.
Resistor device. J. J. Kleimack and G. L. Pearson. 2,389,915; Nov. 27.
Resistor, Electric. S. J. Smith. 2,387,096; Oct. 16.
Resistor, Electrical. E. Hediger and W. E. Schildhauer. 2,385,702; Sept. 25.
Resistor for spark plugs. L. L. Stoffel. 2,366,757; Jan. 9.
Resistor for spark plugs. L. L. Stoffel. 2,369,186; Feb. 13.
Resistor for ultra high frequency measurements, Coaxial load. H. N. Kozanowski. 2,387,158; Oct. 16.
Resistor having a high temperature coefficient of resistance. J. H. Bollman and I. G. Wilson. 2,373,160; Apr. 10.
Resistors and making it. N. Y. Priessman. 2,382,024; Aug. 14.
Resistors, Making. L. L. Stoffel. 2,385,386; Sept. 25.
Resolution of enantiomorphs. H. B. Hass. 2,388,688; Nov. 13.
Resolution of mixtures of chlorosilanes. R. O. Sauer and C. E. Reed. 2,388,575; Nov. 6.
Resonant circuit. E. P. Thlas. 2,384,504; Sept. 11.
Resonator apparatus, Two-cylinder short-wave. A. H. Ryan. 2,383,343; Aug. 21.
Resonators, Fabrication of quartz. A. F. Winslow. 2,376,219; May 15.
Respiration and aspiration apparatus, Artificial. M. Dann. 2,382,610; Aug. 14.
Respirator. W. J. Joyce. 2,378,929; June 26.
Respirator. W. H. Lehmberg. 2,371,965; Mar. 20.
Respirator locking means. W. Z. Whipple. 2,382,592; Aug. 14.
Responsive control, Thermal expansion. L. C. Wasson. 2,379,124; June 26.
Responsive device, Differential pressure. F. F. House. 2,367,215; Jan. 16.
Responsive device, Fluid flow. F. Martindell. 2,373,041; Apr. 3.
Responsive device for producing and transmitting variable fluid pressure. H. W. Ibbott. 2,369,463; Feb. 13.
Responsive device, Pressure. W. I. Bell and J. S. McKinley. 2,381,429; Aug. 7.
Responsive governor system, Phase. C. R. Hanna and W. O. Osbon. 2,383,306; Aug. 21.

Responsive mechanism, Pressure. F. C. Mock. 2,380,983; Aug. 7.
Rest, Back. J. J. Williams. 2,368,436; Jan. 30.
Rest for riveting hammers. T. F. Shea. 2,378,869; June 19.
Resuscitator. Le R. G. Fox. 2,376,348; May 22.
Retainer, Brake hanger. M. S. Johnson. 2,373,895; Apr. 17.
Retainer for cinematograph sprockets, Film. T. J. Morgan and A. S. Dearborn. 2,390,893; Dec. 11.
Retainer for parachute shroud lines. H. Wilson. 2,364,764; Jan. 9.
Retainer for railroad cars, Floor filler. W. H. Sale. 2,374,623; Apr. 24.
Retainer, Hat. M. L. Nattenheimer. 2,377,711; June 5.
Retainer, Lamp shade. S. R. Kazanjian. 2,391,711; Dec. 25.
Retainer, Matrix. O. C. Samphere. 2,367,439; Jan. 16.
Retainer, Waste. J. McMullen, L. F. Rozesky, and J. F. McMullen. 2,371,247; Mar. 13.
Retaining device. A. Constance. 2,389,344; Nov. 20.
Retaining device. P. J. Hogan. 2,368,544; Jan. 30.
Retaining device for sewing machines, Thread case. A. S. Clark. 2,379,882; July 10.
Retaining link pins in tracks for track-laying vehicles and for like purposes. A. J. Charnock. 2,368,611; Jan. 30.
Retaining means. J. W. Fay and R. Fay. 2,371,234; Mar. 13.
Retaining means for badges, brooches, ornaments, bars for decorative ribbons, or the like. A. W. Madger. 2,388,427; Nov. 6.
Retaining mechanism for brake beams, Brake head. C. L. Moline. 2,391,329; Dec. 18.
Retarder for bombs, Stabilizing. F. G. Manson and J. J. Maskey. 2,368,258; Jan. 30.
Retarding decomposition of peroxide vapors. G. A. Cook. 2,368,806; Feb. 6.
Rethreading tool. A. Mackliet. 2,388,790; Nov. 13.
Reticles or the like, Making. G. E. Guellich. 2,389,504; Nov. 20.
Retort. E. H. Records. 2,385,731; Sept. 25.
Retort construction. D. L. Newkirk and E. E. Ensign. 2,391,439; Dec. 25.
Retort, Continuous. McG. Cline. 2,385,775; Oct. 2.
Retort for packaged food. D. Bensel. 2,389,117; Nov. 20.
Retort, Segmental. F. G. Julyan and W. M. Schweickart. 2,366,966; Jan. 9.
Retorts, Replacing. J. A. Foster and A. E. Ensign. 2,372,946; Apr. 3.
Retractable operating head for vertically actuated arbor or assembly press. S. S. Shoup. 2,390,849; Dec. 11.
Retractable step. E. A. Reynolds. 2,383,930; Aug. 28.
Retractable support. F. T. Court. 2,388,308; Nov. 6.
Retractable undercarriage for aircraft. C. D. Waters. 2,374,146; Apr. 17.
Retractable vehicle support. P. Masters. 2,388,923; Nov. 13.
Retracting cord reel. R. J. Baunach. 2,387,556; Oct. 23.
Retractor and drive, Stud bolt. E. Heuer. 2,391,624; Dec. 25.
Reverberation meter. E. S. Winlund. 2,384,868; Sept. 18.
Reversal process, Positive. H. W. Houston. 2,386,857-8; Oct. 16.
Reverse gear. A. Kuhns and E. R. Gasser. 2,371,828; Mar. 20.
Reversible engine. M. W. Huber. 2,391,575; Dec. 25.
Reversible hoist motor. F. W. Wendelburg and R. J. Wadd. 2,376,299; May 15.
Reversible magnetic gearing. G. F. Drake. 2,373,663; Apr. 17.
Reversible pump. E. S. Witchger. 2,373,368; Apr. 10.
Reversible single-phase motor. A. McLennan. 2,389,381; Nov. 20.
Reversible tap holder. C. H. Hook. 2,375,554; May 8.
Reversible tie. F. J. Benson. 2,371,947; Mar. 20.
Reversing mechanism. J. E. Poorman. 2,384,044; Sept. 4.
Reversing mechanism for engines. H. B. Peterson, Jr. 2,376,182; May 15.
Reversing split-phase motor. C. E. and N. M. Sprague. 2,382,827; Aug. 14.
Revolution indicator. W. R. Perry and P. B. Reeves. 2,370,992; Mar. 6.
Revolutions counter actuator. C. M. F. Friden. 2,388,209; Oct. 30.
Revolver. R. Rice. 2,385,422; Sept. 25.
Revolver crank lock. W. L. Swartz. 2,382,676; Aug. 14.
Revolving chair. C. S. Greenwood. 2,377,002; May 29.
Rewinding machine. R. E. Matthews and F. F. Hensley. 2,376,879; May 29.
Rewinding mechanism. E. W. Coffey. 2,387,644; Oct. 23.
Rewinding mechanism for cameras. P. F. Sperry. 2,374,509; Apr. 24.
Rheostat. W. F. Penrose. 2,383,987; Sept. 4.
Rhythmeter for determining sterility and fertility. G. L. Tilbrook. Re. 22,692; Nov. 13.
Rib, Adjustable. H. Tidwell. 2,378,515; June 19.
Ribbon feeding mechanism for stenographic machines. C. W. Johnson, J. G. Sterling, M. H. and R. T. Wright. 2,387,330; Oct. 23.
Ribbons for typewriters or the like, rejuvenating and reinking. A. F. Von Soden. 2,370,382; Feb. 27.
Ribitylaminobenzenes and the manufacture thereof. J. Lee, U. V. Solmssen, and L. Berger. 2,384,105; Sept. 4.
Riboflavin by biochemical methods, Production of. F. J. Rudert. 2,374,503; Apr. 24.
Riboflavin by butyl alcohol producing bacteria, Production of. M. T. Walton. 2,368,074; Jan. 23.
Riboflavin, Recovering crystalline. G. W. McMillan. 2,367,646; Jan. 16.
Riboflavin, Recovery of. G. E. Hines, Jr. 2,367,644; Jan. 16.
Riboflavin, Recovery of. G. E. Hines, Jr. 2,387,023; Oct. 16.
Riboflavin solution. D. V. Frost. 2,388,261; Nov. 6.
Riboflavin solution. R. S. Shelton. 2,379,644; July 3.
Ribs for welt insoles, Making sewing. W. C. Wright. 2,370,829; Mar. 6.
Rice, Fortification of. E. A. Fieger and V. R. Williams. 2,390,210; Dec. 4.
Rice, Manufacture of improved hulled. M. F. Furter. 2,381,342-3; Aug. 7.
Ridge counter appliance. N. A. Compton. 2,382,206; Aug. 14.
Rifle. D. S. Upham. 2,373,931; Apr. 17.
Rifle. G. J. Hyde. 2,376,057; May 15.
Rifle, Automatic. F. W. Woodhull. 2,375,721; May 8.
Rifle, Semiautomatic. R. F. Gerfen. 2,391,562; Dec. 25.
Rifle sight. A. J. Molek. 2,369,903; Feb. 20.
Rifling machine. G. End. 2,382,302; Aug. 14.
Rig, Splicing. L. H. Garlinghouse. 2,384,992; Sept. 18.
Rigging, Brush. J. E. Mulheim. 2,379,176; June 26.
Rigging, Brush. H. M. Stephenson. 2,389,941; Nov. 27.
Rigging, Cargo handling. O. A. Wirkkala. 2,371,009; Mar. 6.
Rigging hook. G. L. Orme, C. R. Jones, and A. L. Fletcher. 2,387,675; Oct. 23.
Rim-centering means. J. C. Heintz. 2,371,238; Mar. 13.
Rim, Divided. W. S. Brink. 2,367,823; Jan. 23.
Rim for containers, Removable. T. O. Haugland. 2,370,034; Feb. 20.
Rim, Inside curing. T. P. Bacon, Jr. 2,372,246; Mar. 27.
Ring: *See*—
Adjustable carrier ring.
Bead locking ring.
End piston ring.
Lock ring.
Metal ring.
Oil ring.
Open retaining ring.
Ornamental wheel trim ring.
Packing ring.
Piston ring.
Segmental packing ring.
Spinning ring.
Trim ring.
Valve seat ring.
Welding ring.
Ring assembly, Collector. V. R. Holmgren. 2,371,996; Mar. 20.
Ring binder mechanism. F. S. Schade. 2,368,729; Feb. 6.
Ring casting dividing machine. H. M. Olson. 2,373,907; Apr. 17.
Ring lapping machine. C. A. Fulmer. 2,378,696; June 19.
Ring means for fastening insulating spacers in concentric lines. L. L. Young. 2,379,331; June 26.
Ring shaping machine. R. Stenwall. 2,384,705; Sept. 11.
Ring substituted methyl styrene polymers, Depolymerization of. F. J. Soday. 2,372,527; Mar. 27.
Rinsing and drying apparatus. G. O. Thaxton. 2,377,192; May 29.
Ripper, Seam. A. D. Beavin. 2,370,440; Feb. 27.
River weight. T. Wheatley. 2,373,439; Apr. 10.
Rivet. S. R. Gookin. 2,369,670; Feb. 20.
Rivet. M. H. Lees, Jr. 2,371,452; Mar. 13.
Rivet. A. S. Mulligardt. 2,372,222; Mar. 27.
Rivet. E. H. Shaff. 2,385,686; Oct. 2.
Rivet applying tool. J. P. Desmet. 2,386,939; Oct. 16.
Rivet, Blind. G. W. Cook. 2,381,113; Aug. 7.
Rivet bucker. R. J. Townsend. 2,373,277; Apr. 10.
Rivet construction. M. H. Lees, Jr. 2,384,321; Sept. 4.
Rivet cutter. N. S. McEwen. 2,391,637; Dec. 25.
Rivet drill. H. C. Shoffner. 2,372,398; Mar. 27.
Rivet, Explosion. L. A. Burrows. 2,387,742; Oct. 30.
Rivet, Explosive. A. Widrich. 2,378,118; June 12.
Rivet feeder. H. M. Greene and G. L. Shinholt. 2,366,448; Jan. 2.
Rivet magazine. F. M. Harvey. 2,384,738; Sept. 11.
Rivet manufacture. A. S. Mulligardt. 2,385,831; Oct. 2.
Rivet operable by means of hammer blows. E. A. Miller. 2,376,072; May 15.
Rivet remover. W. J. Kanihan. 2,375,112; May 1.
Rivet, Self-locking high-gear. O. S. De Causse. 2,376,329; May 22.
Rivet set. H. W. Young. 2,388,895; Nov. 13.
Rivet set forming tool. F. E. Keller. 2,389,197; Nov. 20.
Rivet setting machine. B. P. Cooper and J. B. Thorne. 2,367,265; Jan. 16.
Rivet setting machine. L. M. Paterson. 2,390,615; Dec. 11.
Rivet string. L. Frank. 2,366,510; Jan. 2.
Rivet, Temporary. J. De Mooy. 2,379,134; June 26.
Rivet, Tubular. S. T. Johnson. 2,366,965; Jan. 9.
Riveted construction. J. A. Larkin. 2,375,116; May 1.
Riveted structure. A. W. Spicer. 2,383,623; Aug. 28.
Riveter, Compression. H. R. Fischer. 2,389,661; Nov. 27.
Riveter, Compression. H. R. Fischer and J. A. Roberts. 2,372,942; Apr. 3.

Riveter, Portable hydraulic. G. T. Harcourt. 2,372,721; Apr. 3.
Riveter, Squeeze. F. A. Kaman. 2,384,175; Sept. 4.
Riveter, Squeeze. F. A. Kaman. 2,387,449; Oct. 23.
Riveter, Squeeze. E. H. Souter. 2,388,877; Nov. 13.
Riveter, Yoke. A. H. Haberstump. 2,370,858; Mar. 6.
Riveter's hand pad. F. W. Ottmer. 2,388,437; Nov. 6.
Riveting apparatus. B. G. Carlson. 2,370,776; Mar. 6.
Riveting apparatus. R. S. Osborne. 2,377,032; May 29.
Riveting apparatus. P. Schultze. 2,381,690; Aug. 7.
Riveting attachment, Multiple angle, hydraulic angle. N. Moreno. 2,373,972; Apr. 17.
Riveting machine. A. R. Havener. 2,366,403; Jan. 2.
Riveting tool. E. M. Bettington. 2,384,434; Sept. 11.
Riveting tool. J. E. F. Gobin dit Daude. 2,376,684; May 22.
Riveting tool. J. E. F. Gobin dit Daudé. 2,378,546; June 19.
Riveting tool. A. H. Morgan. 2,369,910; Feb. 20.
Rivets, Apparatus for setting hollow. T. A. Repper. 2,369,492; Feb. 13.
Rivets, Applying tubular. H. C. Sundstrom. 2,387,692; Oct. 23.
Road building machine and concrete spreader, Combination. J. N. Heltzel. 2,380,435; July 31.
Road edger for asphalt finishers and spreaders. W. H. Lewis. 2,386,221; Oct. 9.
Road engaging means for automobiles or the like. A. J. Cawley. 2,377,923; June 12.
Road making. R. L. James. 2,379,082; June 26.
Road roller. J. H. Ganley. 2,382,986; Aug. 21.
Road sanding apparatus. A. C. Hopkins. 2,368,470; Jan. 30.
Road sign or signal. R. T. Harrison. 2,389,234; Nov. 20.
Roads, Method of and apparatus for the construction of. E. L. Harrington. 2,373,828; Apr. 17.
Roasting coffee. R. F. O'Toole and A. C. Parlini. 2,389,577; Nov. 20.
Roasting rack. M. Lockwood. 2,377,948; June 12.
Roasting vegetable material. T. J. Stephens. 2,388,298; Nov. 6.
Rock crusher. E. H. Anderson. 2,383,457; Aug. 28.
Rock drill support. A. Feucht. 2,379,137; June 26.
Rock drills and like structures, Separable connection for. E. J. Bowman. 2,379,472; July 3.
Rocking horse. W. C. Lutz. 2,372,384; Mar. 27.
Rod: *See*—
Curtain and drapery rod.
Curtain rod.
Double-action piston rod.
Magnesium welding rod.
Traverse rod.
True motion connecting rod.
Rod connection, Sucker. J. W. Johnson. 2,382,422; Aug. 14.
Rod coupling. F. S. Keahey. 2,384,095; Sept. 4.
Rod, Drill. W. B. Peirce. 2,373,850; Apr. 17.
Rod for power hammers, Piston. H. A. Harris. 2,377,417; June 5.
Rod for railway switches, Front. H. R. Smith. 2,377,818; June 5.
Rodmill. K. Z. Huszár. 2,367,585; Jan. 16.
Rodding and cleaning pipes, sewers, and the like, Mechanism for. S. O. Blanc. 2,383,843; Aug. 28.
Rods, Manufacturing stopper. J. T. Labadie. 2,389,517; Nov. 20.
Rodent trap. J. Turpan. 2,373,068; Apr. 3.
Rodenticide. C. P. Richter. 2,390,848; Dec. 11.
Roll changing apparatus for electrolytic coating lines. C. J. Klein. 2,388,980; Nov. 13.
Roll changing device. K. Egge. 2,387,890; Oct. 30.
Roll for belt conveyers, Idler. L. B. McKnight. 2,391,178; Dec. 18.
Roll for flow boxes, Evening. H. J. Williams. 2,390,977; Dec. 11.
Roll for long fiber feeders, Stripping. W. F. Bokum. 2,372,533; Mar. 27.
Roll forming machine, Metal. K. Breuer. 2,374,802; May 1.
Roll, Grinding. A. E. Hamilton. 2,368,760; Feb. 6.
Roll holder. E. H. Cooper. 2,367,203; Jan. 16.
Roll holder. R. S. Sanford. 2,371,109; Mar. 6.
Roll paper dispenser. W. J. Shalhoub. 2,381,229; Aug. 7.
Roll-stop mechanism for wringers. T. R. Smith. 2,370,085; Feb. 20.
Roll stop, Wringer. T. R. Smith. 2,374,465; Apr. 24.
Rollable material to produce sheets or bands having longitudinally decreasing or increasing thickness, Treating a. P. A. Carlberg, C. G. Hård af Segerstad, and S. R. Ryhagen. 2,378,464; June 19.
Roller. C. H. King. 2,368,144; Jan. 30.
Roller, Ammunition. C. A. Hathaway. 2,388,967; Nov. 13.
Roller bearing. N. Medved. 2,383,142; Aug. 21.
Roller, Body. W. F. Spahr. 2,387,668; Oct. 23.
Roller carrier device. A. R. Cole. 2,367,754; Jan. 23.
Roller chain. W. H. C. Berg and V. A. Hanson. 2,374,267; Apr. 24.
Roller drier. A. H. Beckley, Jr. 2,386,286; Oct. 9.
Roller machine, High-speed bending. L. Illmer. 2,369,234; Feb. 13.
Roller, Marking. M. Andrews. 2,371,728; Mar. 20.
Roller, Pin curl hair. H. C. Whittaker. 2,381,195; Aug. 7.
Roller tension for spinning frames. N. Dickison. 2,373,176; Apr. 10.
Rollers for packaging machines, Sealing, crimping, and scoring. L. L. Salisberg. 2,382,175; Aug. 14.
Rollers of drafting mechanism for textile fibers. J. Noguera. 2,387,937; Oct. 30.
Rolling. C. J. Fiscus. 2,391,401; Dec. 25.
Rolling cutters for drilling purposes, Manufacturing. J. A. Zublin. 2,388,108; Oct. 30.
Rolling machine for rubber articles or the like. F. W. Fenwick. 2,375,093; May 1.
Rolling mill. T. V. Buckwalter and W. L. Scribner. 2,388,249; Nov. 6.
Rolling mill. M. Morgan. 2,370,984; Mar. 6.
Rolling mill construction. L. W. Nash and C. W. Williams. 2,369,684; Feb. 20.
Rolling ring for barrels. M. O. Kuhn. 2,367,834; Jan. 23.
Roof, Arched. J. F. Blaski. 2,366,482; Jan. 2.
Roof, Automobile. K. Tandetzke. 2,390,193; Dec. 4.
Roof bow for trailers, Adjustable. J. J. Black. 2,368,405; Jan. 30.
Roof center. J. S. White. 2,386,525; Oct. 9.
Roof constructing tool. C. G. Locke. 2,373,403; Apr. 10.
Roof covering. T. A. Lawson. 2,373,317; Apr. 10.
Roof for liquid storage tanks, Floating. J. H. Wiggins. 2,386,022; Oct. 2.
Roof, Lifter. D. E. Larson. 2,369,581; Feb. 13.
Roof structure. W. A. Halicki and D. B. Gordon. 2,372,827; Apr. 3.
Roof structure with counterbalancing means, Expansion. L. A. Wilkin. 2,373,797; Apr. 17.
Roof unit, Collapsible. C. B. K. Van Norman. 2,386,077; Oct. 2.
Roof, Wooden. J. F. Blaski. 2,371,421; Mar. 13.
Roofing. A. W. Moeller. 2,371,180; Mar. 13.
Roofing and the like, Corrugated. K. L. Kronenbitter. 2,370,803; Mar. 6.
Roofing compound and making same. C. M. Evans. 2,377,927; June 12.
Roofing installation and forming the same. F. B. Wallace. 2,379,051; June 26.
Roofing machine. C. J. Fenn. 2,373,239; Apr. 10.
Roofing material, Sheet metal. N. A. Ochiltree. 2,369,487; Feb. 13.
Roofs, Construction of pitched. P. W. Abeles. 2,387,487; Oct. 23.
Room arrangement, Sleeping car. E. J. W. Ragsdale. 2,383,162; Aug. 21.
Root harvesting machine. E. Cadieux. 2,389,411; Nov. 20.
Root starch process. R. M. Schilling and G. J. Mitchell. 2,380,874; July 31.
Rope. C. Robins and W. Kershaw. 2,376,813. May 22.
Rope. R. F. Warren, Jr. 2,372,868; Apr. 3.
Rope. E. H. White. 2,385,241; Sept. 18.
Rope clamp. M. A. Puckett. 2,386,908; Oct. 16.
Rope, Inorganic fibre. R. F. Warren, Jr. 2,369,876; Feb. 20.
Rope, Lubricated. R. F. Warren, Jr. 2,372,142; Mar. 20.
Rope lubricating apparatus. R. B. Jenner. 2,370,314; Feb. 27.
Rope, Luminous. R. F. Warren, Jr. 2,382,355; Aug. 14.
Rope splicing tool. E. H. Borgelt. 2,390,505; Dec. 11.
Rosary, Mechanical. E. H. Moore. 2,376,266; May 15.
Rosin, Amine treatment of. L. Auer. 2,384,063; Sept. 4.
Rosin condensation products and producing. E. A. Bried. 2,383,289; Aug. 21.
Rosin derivatives. D. Price and E. L. May. 2,376,382; May 22.
Rosin derivatives, Surface active. D. Price and E. L. May. 2,376,381; May 22.
Rosin, Modification of. L. Auer. 2,384,061; Sept. 4.
Rosin, Modifying. L. Auer. 2,384,062; Sept. 4.
Rosin, Packaging. C. C. Gillican. 2,378,920; June 26.
Rosin, Polymerizing. E. A. Bried. 2,375,618; May 8.
Rosin reaction product and preparation. L. F. Audrieth. 2,374,969; May 1.
Rosin, Refining of. G. B. Arnold. 2,382,196; Aug. 14.
Rosin size dispersions, High free. F. L. Chappell, Jr. 2,385,794; Oct. 2.
Rosin, Stabilizing. W. P. Campbell. 2,373,290; Apr. 10.
Rosin with amines, Treatment of. L. Auer. 2,384,064; Sept. 4.
Roster chart, Mechanical. T. A. Rylander and E. N. Alley, Jr. 2,376,386; May 22.
Rotameter. N. Brewer. 2,370,634; Mar. 6.
Rotary assemblage. J. F. Standish. 2,374,244; Apr. 24.
Rotary assembly of interfitting counterparts. F. W. Tellkamp. 2,374,845; May 1.
Rotary buffing tool. E. W. Hall and A. S. Rock. 2,376,053; May 15.
Rotary burnishing tool. J. W. Iseman. 2,390,651; Dec. 11.
Rotary combustion engine. F. H. Rohr. 2,382,259; Aug. 14.
Rotary cutting tool. H. F. Bakewell. 2,369,273; Feb. 13.
Rotary cutting tool. F. Hofbauer. 2,389,909; Nov. 27.
Rotary disk valve. R. H. Hill. 2,387,397; Oct. 23.
Rotary drier. F. A. Helin. 2,367,578; Jan. 16.
Rotary ejector electrode holder. H. Kruitbosch. 2,368,550; Jan. 30.
Rotary electric switch. F. P. Gates. 2,386,047; Oct. 2.
Rotary electric switch. H. Smith. 2,384,652; Sept. 11.
Rotary engine. M. T. Armstrong. 2,371,942; Mar. 20.
Rotary engine. R. H. Gold and S. Wasserman. 2,371,514; Mar. 13.

Rotary engine. L. D. McCleary. 2,369,306; Feb. 13.
Rotary engine. J. B. Stewart. 2,373,791; Apr. 17.
Rotary engine. H. F. Wolstenholme. 2,387,964; Oct. 30.
Rotary engine or blower device. B. C. Grieb. 2,380,752; July 31.
Rotary file. R. W. Melbourne. 2,367,597; Jan. 16.
Rotary filling housing protector. R. R. Riddle. 2,366,571; Jan. 2.
Rotary friction assembly. J. Geczy. 2,375,098; May 1.
Rotary grader and separator. B. R. Bryan. 2,378,896; June 26.
Rotary heating furnace. A. F. Kritscher. 2,371,335; Mar. 13.
Rotary hydraulic pump or motor. H. L. Chisholm, Jr. 2,369,019; Feb. 6.
Rotary internal-combustion engine. L. W. Beaven. 2,366,478; Jan. 2.
Rotary internal-combustion engine. G. Garbeth. 2,373,304; Apr. 10.
Rotary internal-combustion engine. J. E. Griffith. 2,367,676; Jan. 23.
Rotary metering valve for Diesel engines. S. Lerner. 2,375,089; Sept. 18.
Rotary milling tool. W. C. Harrison. 2,389,235; Nov. 20.
Rotary motor. W. M. Allison. 2,369,002; Feb. 6.
Rotary motor. A. G. Brown. 2,386,539; Oct. 9.
Rotary operating machine. C. B. Brull. 2,373,656; Apr. 17.
Rotary power tool. C. F. Overly. 2,375,490; May 8.
Rotary pressure joint. R. O. Monroe. 2,385,421; Sept. 25.
Rotary printing machine. E. G. Overly. 2,369,404; Feb. 13.
Rotary printing press. C. A. Harless. 2,366,331; Jan. 2.
Rotary printing press. W. A. Whitehead. 2,375,397; May 8.
Rotary printing press. E. W. Worthington. 2,369,814; Feb. 20.
Rotary pump. D. R. Dowling. 2,384,286; Sept. 4.
Rotary pump. E. Fowler. 2,372,076; Mar. 20.
Rotary pump. J. Fuchs. 2,372,480; Mar. 27.
Rotary pump. A. W. Say. 2,368,572; Jan. 30.
Rotary pump. L. S. Smith. 2,381,700; Aug. 7.
Rotary pump. R. Stevenson. 2,367,068; Jan. 9.
Rotary pump. C. W. Van Ranst. 2,380,283; July 10.
Rotary pump. A. von Wangenheim. 2,377,299; May 29.
Rotary pump shaft seal. S. E. Larson. 2,391,577; Dec. 25.
Rotary recess milling device. A. C. Goddard. 2,372,374; Mar. 27.
Rotary reversing engine. H. H. Harrold. 2,390,880; Dec. 11.
Rotary shaft coupling. C. F. Overly. 2,381,770; Aug. 7.
Rotary shaft coupling. C. Shoreys. 2,366,461; Jan. 2.
Rotary steam engine. O. F. Jensen. 2,386,318; Oct. 9.
Rotary steam engine. V. C. Lynch. 2,378,792; May 22.
Rotary tool booster. A. E. Johnson. 2,390,714; Dec. 11.
Rotary transfer assembly. K. Hansen. 2,366,615; Jan. 2.
Rotary valve. E. G. Baker. 2,370,283; Feb. 27.
Rotary valve. T. Gerdes. 2,384,548; Sept. 11.
Rotary valve. C. W. Hall. 2,369,566; Feb. 13.
Rotary valve. E. W. Klas. 2,369,147; Feb. 13.
Rotary valve. B. Wehr. 2,368,956; Feb. 6.
Rotary vane pump. C. R. Waselge. 2,387,629; Oct. 23.
Rotary web printing press. H. J. Luehrs. 2,377,165; May 29.
Rotary wing aircraft. R. R. Hays. 2,369,049; Feb. 6.
Rotary wing aircraft. E. A. Stalker. 2,372,030; Mar. 20.
Rotatable broach holder. O. W. Bonnafe. 2,381,998; Aug. 14.
Rotatable sanding or buffing tool. H. J. Berry. 2,371,021; Mar. 6.
Rotatable structure. H. Michaels. 2,380,862; July 31.
Rotenone preparations, Stabilization of. J. C. de Jonge. 2,375,774; May 15.
Rotisserie, Portable. C. C. Krebs. 2,379,239; June 26.
Rotor. W. L. Hansen and I. N. Hurst. 2,374,347; Apr. 24.
Rotor. C. E. Tack and L. G. Vree. 2,380,085; July 10.
Rotor and making the same, Motor. H. E. Pancher. 2,386,138; Oct. 2.
Rotor and mounting structure, Gyro. L. E. Beach, O. E. Eaval, and A. W. Lane. 2,382,967; Aug. 21.
Rotor, Bladed. F. A. M. Heppner. 2,391,623; Dec. 25.
Rotor brake. C. E. Tack. 2,377,190; May 29.
Rotor, Brake. R. Watts. 2,369,328; Feb. 13.
Rotor construction. S. J. Goran. 2,368,296; Jan. 30.
Rotor, Demountable. R. W. Ferris. 2,383,119; Aug. 21.
Rotor for electric motors. A. F. Horlacher. 2,387,073; Oct. 16.
Rotor, High speed induction motor. T. H. Ljunggren and W. F. Moore. 2,372,590; Mar. 27.
Rotor mounting means for variable tuning devices. J. H. Teaf. 2,373,859; Apr. 17.
Rotor, Turbine. O. A. Wiberg. 2,386,527; Oct. 9.
Rotors, Casting. C. E. Sorensen. 2,391,523; Dec. 25.
Rotors, Making cast squirrel cage. S. J. Goran. 2,368,295; Jan. 30.
Roto-thrust converter. E. F. Sarver. 2,382,105; Aug. 14.
Roughing machine, Sole. W. C. Card. 2,388,384; Nov. 6.
Roughing wheel. J. F. Smith. 2,368,577; Jan. 30.
Round work holding fixture. W. T. Brown. 2,373,379; Apr. 10.
Rounding machine. C. G. Brostrom and W. E. Naugler. 2,384,530; Sept. 11.
Routing apparatus. O. N. Gove and L. L. Miller. 2,380,750; July 31.
Roving frame. G. E. Repass. 2,374,832; May 1.
Rubber, Abrasion-resistant synthetic. R. R. Driesbach. 2,374,589; Apr. 24.
Rubber adhesive. K. L. Keene and E. G. Bargmeyer. 2,370,044; Feb. 20.
Rubber, Amelioration of. P. H. M. Compagnon and J. N. L. Le Bras. 2,388,905; Nov. 13.
Rubber and fibrous material and making same, Composite. C. D. Mason. 2,382,248; Aug. 14.
Rubber and making, Plasticized. E. S. Blake. 2,373,375; Apr. 10.
Rubber and product thereof, Treatment of. A. F. Hardman. 2,375,168; May 1.
Rubber articulated joint. H. T. Kraft. 2,366,860; Jan. 9.
Rubber bonding medium. C. M. Grafton. 2,373,308; Apr. 10
Rubber, Chlorinated. W. H. Stevenson. 2,375,958; May 15.
Rubber, Chlorinating. H. L. Tomkinson. 2,382,353; Aug. 14.
Rubber, Chlorination of. E. B. Spaulding. 2,382,342; Aug. 14.
Rubber composition. R. E. Wood. 2,368,190; Jan. 30.
Rubber composition and making same. S. L. Brams. 2,388,037; Oct. 30.
Rubber composition and method for retarding the deterioration of rubber. J. R. Vinograd. 2,379,769; July 3.
Rubber composition, Synthetic. P. C. Jones. 2,381,059; Aug. 7.
Rubber composition, Synthetic. R. C. Morris and E. C. Shokal. 2,391,330; Dec. 18.
Rubber composition, Synthetic. R. D. Snow. 2,372,299; Mar. 27.
Rubber compositions. P. K. Frolich. 2,379,482; July 3.
Rubber compositions containing hydrocarbon resins. F. J. Soday. 2,388,346; Nov. 6.
Rubber compositions, Lubricated. M. Cornell and G. H. Meinzer. 2,368,522; Jan. 30.
Rubber compositions, Stabilized. H. C. Evans and D. W. Young. 2,380,299; July 10.
Rubber compositions, Synthetic. K. E. Marple. 2,380,184; July 10.
Rubber compositions, Synthetic. H. R. Thies. 2,379,464; July 3.
Rubber compounding. A. B. Cowdery. 2,368,807; Feb. 6.
Rubber compounding, Synthetic. A. A. Somerville. 2,374,843; May 1.
Rubber cushioning unit and making same. K. B. Kilborn. 2,382,569; Aug. 14.
Rubber cutting machine. J. H. Sweeney. 2,367,243; Jan. 16.
Rubber derivative composition. P. H. Scrutchfield. 2,381,694; Aug. 7.
Rubber derivatives. F. Hilton. 2,379,354; June 26.
Rubber derivatives, Preparation of. F. J. Bouchard. 2,376,027; May 15.
Rubber dusting apparatus. A. J. Guthrie. 2,370,955; Mar. 6.
Rubber emulsion, Chlorinated. J. G. Little. 2,371,899; Mar. 20.
Rubber, Extension of. F. E. Cisiak. 2,378,881; June 19.
Rubber fabric material. E. S. Ebers. 2,375,089; May 1.
Rubber, Gas expanding closed cellular. H. Pfleumer. 2,372,793; Apr. 3.
Rubber hydrochloride. La V. E. Cheyney. 2,388,651; Nov. 6.
Rubber hydrochloride sheet, Plasticized. T. R. Latour. 2,374,759; May 1.
Rubber latices from plants, Recovery of. T. F. Ford. 2,378,990; June 26.
Rubber latex, Improving the properties of. J. H. E. Hessels. 2,367,120; Jan. 9.
Rubber latex, Synthetic. B. M. G. Zwicker. 2,386,764; Oct. 16.
Rubberlike compositions. C. F. Brown. 2,381,720; Aug. 7.
Rubberlike compositions. L. B. Kilgore. 2,376,782; May 22.
Rubberlike copolymers and making the same. R. R. Dreisbach. 2,386,447; Oct. 9.
Rubber-like materials by polymerising elastogenic polymerizable materials, Continuous process for making. W. S. Calcott and H. W. Starkweather. 2,384,277; Sept. 4.
Rubberlike materials comprising butadiene-1,3-interpolymers, Synthetic. H. Gudgeon, E. Isaacs, and W. M. Morgan. 2,378,140; June 12.
Rubber-like materials from di-hydroxyalkyl sulphides. T. Okita. 2,378,576; June 19.
Rubber-like materials, Manufacture and application of synthetic. J. G. Anderson, R. Hill, and L. B. Morgan. 2,385,182; Sept. 18.
Rubberlike materials, Synthetic. C. F. Fryling. 2,384,543; Sept. 11.
Rubberlike products from emulsions, Recovery of. R. R. Dreisbach. 2,386,449; Oct. 9.
Rubberlike substances, Softening of. A. R. Davis. 2,371,098; Mar. 6.
Rubber lubricant. H. G. Johnson. 2,389,855; Nov. 27.

Rubber mask, Flexible. D. A. Wallace. 2,371,859; Mar. 20.
Rubber or rubberlike composition and method. N. E. Tillotson. 2,379,389; June 26.
Rubber or rubberlike materials, Apparatus and method for the treatment of. J. W. Bowman. 2,368,102; Jan. 30.
Rubber plasticizers. R. T. Dean. 2,373,173; Apr. 10.
Rubber, Preparation of synthetic. C. F. Fryling. 2,384,546; Sept. 11.
Rubber, Preparing aqueous dispersions of reclaimed. A. M. Stover. 2,377,052; May 29.
Rubber, Preparing synthetic. C. F. Fryling. 2,384,544; Sept. 11.
Rubber, Preservation of. J. R. Ingram. 2,374,098; Apr. 17.
Rubber, Preserving. A. M. Neal and J. R. Vincent. 2,370,987; Mar. 6.
Rubber, Preserving. J. R. Vincent. 2,372,235; Mar. 27.
Rubber, Producing and utilizing guayule. P. Kenda. 2,373,689; Apr. 17.
Rubber, Production of synthetic. F. T. Carpenter. 2,386,931; Oct. 16.
Rubber, Production of synthetic. W. L. Semon and C. F. Fryling. 2,378,732; June 19.
Rubber products. W. S. Gocher, A. Jennings, and C. M. Langkammerer. 2,370,457; Feb. 27.
Rubber products, Making. C. L. Beal. 2,373,529; Apr. 10.
Rubber protector. R. J. Turner. 2,388,097; Oct. 30.
Rubber, Reclaiming scrap vulcanizing. W. G. Kirby and L. E. Steinle. 2,372,584; Mar. 27.
Rubber, Reuse of vulcanized scrap synthetic. J. H. Macey. 2,378,717; June 19.
Rubber, Softening. A. R. Davis. 2,366,316; Jan. 2.
Rubber substitute. J. H. Elder. 2,390,829; Dec. 11.
Rubber substitute and making the same. E. D. Hallett. 2,366,396; Jan. 2.
Rubber-to-metal adhesions. G. F. Roquemore. 2,381,186; Aug. 7.
Rubber to other surfaces, Bonding. H. H. Harkins. 2,386,112; Oct. 2.
Rubber treads to decks, Vulcanizing. R. E. Morris. 2,366,209; Jan. 2.
Rubber treated fiber, Manufacture of. C. C. Heritage. 2,375,414; May 8.
Rubber, Treating. W. A. Gordon. 2,370,952; Mar. 6.
Rubber, Treatment of. W. Scott. 2,379,460; July 3.
Rubber, Vulcanizable isobutylene-mono-vinylacetylene synthetic. C. E. Denoon, Jr. 2,384,731; Sept. 11.
Rubber, Vulcanization of. A. R. Davis. 2,366,317; Jan. 2.
Rubber, Vulcanization of. A. F. Hardman. 2,391,234; Dec. 18.
Rubber, Vulcanization of. M. W. Harman. 2,372,895; Apr. 3.
Rubber, Vulcanization of. P. C. Jones. 2,377,787; June 5.
Rubber, Vulcanization of. P. T. Paul. 2,382,813; Aug. 14.
Rubber, Vulcanization of. G. E. P. Smith, Jr. 2,381,397; Aug. 7.
Rubber, Vulcanizing. G. W. Watt. 2,378,269; June 12.
Rubbers, Cyclized. C. M. Carson. 2,371,736; Mar. 20.
Rubbers, Oil resisting. G. Gee and S. C. Stokes. 2,383,540; Aug. 28.
Rubbers, Preparation of oil resisting. E. H. Farmer. 2,379,345; June 26.
Rubbers, Production of synthetic. R. R. Dreisbach. 2,386,448; Oct. 9.
Rubbing machine. R. J. Champayne. 2,367,668; Jan. 23.
Ruby glass, Selenium. C. R. Austin and J. D. Sullivan. 2,382,282; Aug. 14.
Rudder and ground wheel control mechanism for aircraft. R. B. C. Noorduyn and D. G. Whittle. 2,367,649; Jan. 16.
Rudder, Balanced. E. D. and F. Carnaghan. 2,369,279; Feb. 13.
Rudder for boats. A. J. Dawson. 2,383,714; Aug. 28.
Rudder tiller lock. V. Colica. 2,367,186; Jan. 16.
Ruffler operating mechanism. V. J. Sigoda. 2,370,693; Mar. 6.
Ruffling and stitching machine. A. N. Hale. 2,377,777; June 5.
Rug. R. E. Walliser. 2,371,199; Mar. 13.
Rug, covering, or the like. B. Kahn. 2,379,085; June 26.
Rug filler holder. R. Paulus. 2,377,101; May 29.
Rule, Four-place slide. H. W. Moyer. 2,387,404; Oct. 23.
Rule setting gauge. C. F. Kirby. 2,389,316; Nov. 20.
Rule, Slide. T. J. Setera. 2,385,948; Oct. 2.
Ruler, Parallel. C. W. Kuhne. 2,384,555; Sept. 11.
Rums, Production of heavy. R. Arroyo. 2,386,924; Oct. 16.
Run and tear formation, Testing resistance to. C. Dangelmajer. 2,369,661; Feb. 20.
Runner for baby carriages, Snow. C. E. Germain. 2,380,162; July 10.
Runway, Channel. S. H. Clark. 2,378,888; June 19.
Runway marker lighting means. S. Samuel. 2,370,424; Feb. 27.
Rust preventive compositions. H. Roden. 2,374,565; Apr. 24.
S-substituted mercaptomethyl ethers of hydroxylated polymers. W. J. Burke. 2,378,898; June 26.
Saccharine liquids, Raising the pH of. W. A. La Lande, Jr. 2,371,527; Mar. 13.
Safeguarding operators on power presses. A. W. J. Wells. 2,381,237; Aug. 7.
Safe, Portable. R. M. Ferguson. 2,384,826; Sept. 18.
Safe protection. C. R. Davis. 2,376,420; May 22.
Safety ball trap. F. C. Sams. 2,390,224; Dec. 4.
Safety clip. J. L. Mancini. 2,386,967; Oct. 16.
Safety control and ignition system. C. K. Strobel. 2,391,753; Dec. 25.
Safety control apparatus for fuel burners. S. G. Eskin and C. K. Strobe. 2,366,774; Jan. 9.
Safety control apparatus for fuel burners. C. K. Strobel. 2,379,114; June 26.
Safety clasp pin. E. G. Marinetti. 2,373,586; Apr. 10.
Safety control apparatus for gaseous fuel burners. S. G. Eskin. 2,380,640; July 31.
Safety control for fuel burners. S. G. Eskin and C. K. Strobel. 2,388,130; Oct. 30.
Safety control for fuel burners. C. K. Strobel. 2,30,125; July 10.
Safety cutoff switch. A. C. Murphy. 2,384,562; Sept. 11.
Safety device. R. Campos. 2,377,070; May 29.
Safety device. R. R. Cramer. 2,391,682; Dec. 25.
Safety device. E. E. Grover. 2,380,964; Aug. 7.
Safety device. L. A. Ladner. 2,381,671; Aug. 7.
Safety device. J. J. McKeauge. 2,370,870; Mar. 6.
Safety device. A. P. O'Neill. 2,373,332; Apr. 10.
Safety device. J. J. Porter. 2,391,593; Dec. 25.
Safety device applying to doors and windows, Automatic. J. B. A. E. and A. L. V. De Ruschi. 2,375,901; May 15.
Safety device, Central. A. Moessinger. 2,386,706; Oct. 9.
Safety device for automatic screw machines. A. Vajda. 2,373,619; Apr. 10.
Safety device for catalytic converters. D. B. Banks. 2,380,495; July 31.
Safety device for combustion chambers. A. H. Maude. 2,366,669; Jan. 2.
Safety device for drill press tables or the like. E. B. Guze. 2,368,982; Feb. 6.
Safety device for firearms. R. H. Baker. 2,379,946; July 10.
Safety device for seaplanes. J. P. Reynolds. 2,379,186; June 26.
Safety device for ships' propeller shafts. H. E. C. Walpole. 2,372,036; Mar. 20.
Safety device for trailers. C. F. Mooney. 2,381,305; Aug. 7.
Safety device for valves. J. G. Reid, Jr., and L. McNeely. 2,374,564; Apr. 24.
Safety device, Thermoelectric. H. A. Mantz. 2,372,506; Mar. 27.
Safety devices and the like, Thermoelectric. C. V. Hildebrecht. 2,379,712; July 3.
Safety for disk plow hangers. G. R. Ego. 2,381,973; Aug. 14.
Safety glass, Manufacture of. J. H. Boicey and I. A. Willey. 2,382,956; Aug. 21.
Safety lamp guard. W. Schnieder. 2,385,655; Sept. 25.
Safety liquid dispenser. A. T. Harris. 2,385,509; Sept. 25.
Safety lock. A. A. J. Cohan. 2,378,837; June 19.
Safety means for power-operated tools. F. E. Tiffany. 2,387,478; Oct. 23.
Safety mine car coupling pin. J. W. Shealy. 2,389,821; Nov. 27.
Safetypin. H. Van Campen. 2,373,069; Apr. 3.
Safety pin. S. E. Munyer, Jr. 2,375,239; May 8.
Safety razor case. P. A. Derham. 2,378,622; June 19.
Safety razor with a comb member co-operating with one or more cutters. P. H. Pedersen and H. Nielsen. 2,380,461; July 31.
Safety rivet set. W. R. Lawler. 2,379,809; July 3.
Safety stand. W. C. Troendle. 2,378,339; June 12.
Safety system for tractors. R. D. Acton. 2,377,303; June 5.
Safety valve. M. Cavicchioli. 2,369,018; Feb. 6.
Safety window seat. W. Meyer. 2,387,085; Oct. 16.
Safety wrench. A. L. Parker. 2,381,226; Aug. 7.
Salt bath furnace. R. A. Smith. 2,367,897; Jan. 23
Salt bath furnace. W. Wilson and J. J. Brutyan. 2,386,529; Oct. 9.
Salt conversion, Glauber's. D. M. Ebert. 2,374,004; Apr. 17.
Salt preparation, Stable diazo. W. H. von Glahn, W. L. Walsh, and C. Streck. 2,381,145; Aug. 7.
Salt water intrusion, Detecting. C. S. Sanders. 2,379,106; June 26.
Salts from aqueous solutions, Crystallization of. R. Bloch and I. Schnerb. 2,383,763; Aug. 28.
Salts, Mono-alkenyl-succinic acid mono-ester. L. P. Kyrides. 2,380,699; July 31.
Salts of acid esters as inhibitors in lubricating oils, Vanadium. F. C. Frank, D. E. Badertscher, and H. G. Berger. 2,388,400; Nov. 6.
Salts of β-erythroidine. K. Folkers and R. T. Major. 2,373,953; Apr. 17.
Salts of certain substituted aldimines, etc. M. De Groote. 2,375,899; May 15.
Salts of monoquinonyl-acid-amides, Color compositions containing. R. H. Kienle and C. A. Amick. 2,391,836; Dec. 25.
Salts of polyhydroxyalkyldithiocarbamic acids and their preparation, Metal. M. Hunt. 2,379,965; July 10.

Salts, Recovering magnesium. H. R. Brandenburg. 2,384,909; Sept. 4.
Salts, Siphonium. E. C. Britton and J. N. Hansen. 2,366,176; Jan. 2.
Salts, Treatment of alkali metal. J. R. Bates. 2,375,761; May 15.
Salvaging device. J. Wertheimer. 2,384,580; Sept. 11.
Sample device. H. E. Riggs and P. H. Griswold. 2,376,087; May 15.
Sample taking apparatus, Side wall. W. P. Orr. 2,389,208; Nov. 20.
Sample washer. A. G. Lewis. 2,369,582; Feb. 13.
Sampler, Dust. J. E. Watson and C. B. McBride. 2,386,282; Oct. 9.
Sampler of granular material. D. A. Pizzirani, F. M. Gould and S. Z. Avedikian. 2,379,921; July 10.
Samples from flowing streams, Removing. G. O. Kimmell. 2,376,542; May 22.
Samples, Method and apparatus for obtaining. J. O. Lewis. 2,380,977; Aug. 7.
Sampling device. S. J. Robison. 2,370,260; Feb. 27.
Sampling device. E. T. Roetman. 2,388,601; Nov. 13.
Sampling device. T. O. Stapleton. 2,387,306; Oct. 23.
Sampling device, Liquid. A. E. Jurs, Jr. 2,388,548; Nov. 6.
Sampling method. J. P. Vollrath. 2,374,847; May 1.
Sand and controlling flowability of same, Molding. R. T. Wood. 2,381,242; Aug. 7.
Sand and other materials from iron, Purification of. A. Sherlock. 2,381,843; Aug. 7.
Sand blasting. A. H. Eppler. 2,380,738; July 31.
Sand from phosphate rock, Separating quartz. E. J. Ellis. 2,384,825; Sept. 18.
Sand reclamation, Method and apparatus. A. Den Breejen, J. J. Amari, R. Luce, D. H. Petty, R. Webster, and T. K. Webster, Jr. 2,383,045; Aug. 21.
Sand trap. L. H. Stoye. 2,384,207; Sept. 4.
Sand trap, Locomotive. E. W. Hoffman. 2,377,938; June 12.
Sandal. P. S. Amenta. 2,377,119; May 29.
Sandal. J. Baehr. 2,368,514; Jan. 30.
Sandal. F. J. Benson. 2,390,685; Dec. 11.
Sandal. J. B. Wingfield. 2,387,819; Oct. 30.
Sandblast mixer valve. A. H. Eppler. 2,371,434; Mar. 13.
Sandblasting and apparatus therefor. G. Franklin. 2,388,616; Nov. 27.
Sandblasting apparatus. S. J. Oechsle and J. N. Childs. 2,376,616; May 22.
Sandblasting of ships' hulls, Method of and apparatus for. W. H. Swenarton. 2,387,193; Oct. 16.
Sander. L. A. Safford. 2,386,006; Oct. 2.
Sander. S. R. Teager. 2,379,503; July 3.
Sander. E. C. Vroman. 2,376,463; May 22.
Sander Belt. H. T. Lundquist. 2,391,322; Dec. 18.
Sander Track. V. L. Frantz. 2,380,745; July 31.
Sanding device. G. W. Thomas. 2,384,656; Sept. 11.
Sanding device for automobiles. W. G. Weigold. 2,377,274; Mar. 13.
Sanding machine. J. P. Elliott. 2,391,448; Dec. 25.
Sanding machine. L. S. Farner. 2,370,723; Mar. 6.
Sanding machine. J. Zuk. 2,379,054; June 26.
Sanitary apparatus for toilet doors. L. J. Menges. 2,384,949; Sept. 18.
Sanitary dental floss holder. J. E. Dembenski. 2,381,530; Aug. 7.
Sanitary medium. A. Graue. 2,371,390; Mar. 13.
Sanitary waste receptacle. N. T. Thoren. 2,384,709; Sept. 11.
Saponin derivatives and preparation of the same. R. E. Marker. 2,373,133; Apr. 10.
Saponin oxidation products and preparing the same. R. E. Marker. 2,377,507; June 5.
Saponification process. S. Hirsch. 2,391,019; Dec. 18.
Saponification process, Continuous. J. J. Jacobs. 2,380,650; July 31.
Saponification products of polyvinyl esters. J. E. Smith. 2,368,949; Feb. 6.
Sap-stain control. R. S. Shumard. 2,385,764; Sept. 25.
Sash and screen, Storm. R. W. Gill. 2,388,404; Nov. 6.
Sash attachment, Window. A. Cipressi. 2,382,294; Aug. 14.
Sash balance. R. G. Luce. 2,370,867; Mar. 6.
Sash balance. A. Viehweger. 2,371,366; Mar. 13.
Sash balance. A. Viehweger. 2,384,980; Sept. 18.
Sash construction. W. P. Kessler. 2,377,427; June 5.
Sash construction, Storm. E. Spickelmier, J. Long, O. O. McKinley, and L. Day. 2,379,111; June 26.
Sash hinging hardware. P. H. Kuyper. 2,383,395; Aug. 21.
Sash holding device. R. H. Breitenbach and L. E. Willett. 2,372,634; Mar. 27.
Sash opening and closing mechanism. R. T. Axe. 2,385,676; Sept. 25.
Sash, Storm. O. H. Lind. 2,381,129; Aug. 7.
Sash structure, Window. B. Neely. 2,369,402; Feb. 13.
Sash, Ventilating window. E. J. Dumaw. 2,384,240; Sept. 4.
Saturate ketones, Production of. C. Weizmann. 2,367,078; Jan. 9.
Saturated hydrocarbons, Production of. J. J. de Jong. 2,381,041; Aug. 7.
Saturation scheme for direct current generators. W. H. Formhals. 2,372,075; Mar. 20.
Sausage skinning machine. P. Martin. 2,369,360; Feb. 13.
Saw. G. D. Henry. 2,375,651; May 8.
Saw, Band. W. B. and J. E. Boice. 2,384,364; Sept. 4.
Saw, Carcass. D. Dietz. 2,381,459; Aug. 7.
Saw, Chain. M. L. Forrest. 2,387,064; Oct. 16.
Saw Chain. R. L. Victor. 2,372,534; Mar. 27.
Saw cradle, Meat. J. C. Gonser. 2,375,644; May 8.
Saw, Falling. C. Wolf. 2,391,286; Dec. 18.
Saw filing device. A. C. Schoen. 2,376,941; May 29.
Saw for felling and cutting pulpwood, Power. J. Irwin, Jr. 2,378,554; June 19.
Saw frame. K. H. Lenk. 2,388,655; Nov. 6.
Saw grinding device. P. Kiechle. 2,379,642; July 3.
Saw guard. G. W. Smith. 2,372,687; Apr. 3.
Sawhorse. G. A. Karow. 2,376,153; May 15.
Sawhorse. C. O. Larson. 2,374,787; May 22.
Sawhorse. J. R. Long. 2,373,485; Apr. 10.
Saw mechanism for sheet feeding machines, Cutoff. O. S. Bolling. 2,370,932; Mar. 6.
Saw, Metal band. C. A. Furtwangler. 2,369,451; Feb. 13.
Sawmill gauge. J. S. Love. 2,373,486; Apr. 10.
Sawmill, Portable. C. D. Jackson. 2,377,236; May 29.
Saw, Power. F. G. Carnes and W. D. Carnes. 2,383,447; Aug. 28.
Saw sharpening machine. J. T. Lindsey. 2,371,572; Mar. 13.
Saw, Stone. W. Milne. 2,379,243; June 26.
Saw, Surgical. F. Reprogle. 2,367,432; Jan. 16.
Saw, Thumb controlled coping. D. B. McNeely. 2,383,871; Aug. 28.
Scaffold. H. G. Roten. 2,383,163; Aug. 21.
Scaffold clamp. M. Artique. 2,389,751; Nov. 27.
Scaffold, Elevating. H. Soskin. 2,370,887; Mar. 6.
Scaffold-ladder. G. G. Williams. 2,371,092; Mar. 6.
Scaffold ledger bracket. F. O. Ingerman. 2,376,966; May 29.
Scaffold, Portable. C. E. Langdon. 2,369,743; Feb. 20.
Scaffold system. H. H. Clark. 2,383,449; Aug. 28.
Scaffolding. W. H. Krueger. 2,379,446; July 3.
Scale. R. C. Haferl and A. F. Hohne. 2,388,912; Nov. 13.
Scale. D. A. Meeker and K. C. Allen. 2,383,404; Aug. 21.
Scale. M. Thorsson. 2,389,108; Nov. 13.
Scale and clamp, Drilling jig. J. Honyoust. 2,367,582; Jan. 16.
Scale, Assayer's. D. M. Steele. 2,381,086; Aug. 7.
Scale, Automatic. H. G. Allen. 2,384,228; Sept. 4.
Scale compensator. F. S. Eastman. 2,381,268; Aug. 7.
Scale, Computer. H. B. Kittleson. 2,389,369; Nov. 20.
Scale, Elastic measuring. H. M. Wise. 2,388,303; Nov. 6.
Scale, Engineer architect. W. D. Weeks and L. Kube. 2,382,758; Aug. 14.
Scale, Measuring. S. F. Townsend. 2,375,150; May 1.
Scale mechanism. H. G. Reichel. 2,389,113; Nov. 13.
Scale, Multiple capacity weighing. O. S. Carliss. 2,387,242; Oct. 23.
Scale, Postal. P. S. Morgan. 2,383,408; Aug. 21.
Scale, Printing. L. S. Williams. 2,390,482; Dec. 4.
Scale, Recording. S. Toth. 2,382,752; Aug. 14.
Scale, Springless counter. R. J. Sharp. 2,388,091; Oct. 30.
Scale, Squaring. E. R. Nachel. 2,388,174; Oct. 30.
Scale, Weighing. J. R. Eash. 2,368,010; Jan. 23.
Scale, Weighing. B. M. Fraps. 2,368,655; Feb. 6.
Scale, Weighing. C. O. Marshall and L. S. Williams. 2,370,982; Mar. 6.
Scale, Weighing. L. S. Williams. 2,366,947; Jan. 9.
Scale, Weighing. L. S. Williams. 2,368,626; Feb. 6.
Scale, Weighing. L. S. Williams. 2,373,366; Apr. 10.
Scale, Weighing. L. S. Williams. 2,379,207; June 26.
Scanning apparatus for moving strip. C. W. La Pierre. 2,371,963; Mar. 20.
Scarfing device. A. H. Stuart. 2,375,447; May 8.
Scarifying tool. O. P. Arnette. 2,377,918; June 12.
Scavenger roll mechanism. W. Milnarik and J. Bradshaw. 2,366,348; Jan. 2.
Scavenging air valve engine. R. H. Engelhardt. 2,372,477; Mar. 27.
Scent fixative, Producing a. M. Sandor. 2,383,517; Aug. 28.
Scissors. F. A. Snell. 2,373,607; Apr. 10.
Scissors. F. A. Snell. 2,382,341; Aug. 14.
Scissors and shears sharpener. O. L. Catt. 2,388,039; Oct. 30.
Scissors or shears. A. R. Ellis. 2,370,026; Feb. 20.
Scissors, Power. J. T. Stone. 2,384,205; Sept. 4.
Scissors, Ripping. L. A. Amis. 2,382,281; Aug. 14.
Scoop for locomotive tender, Water. J. P. Goebel. 2,370,347; Feb. 27.
Scoop, Weighing. R. F. Shipman. 2,386,637; Oct. 9.
Scoops, Casting a series and a portion of a series of. L. H. Morin. 2,368,260; Jan. 30.
Scooter, Sea. F. J. Horton. 2,379,526; July 3.
Score indicator. H. E. Hoffman. 2,387,847; Oct. 30.
Scourer for kitchen utensils. R. B. Kingman. 2,386,900; Oct. 16.
Scouring and polishing machine, Needle. W. McLucas. 2,380,058; July 10.
Scraper. A. J. Brown and J. B. Silva. 2,380,021; July 10.
Scraper. R. F. Henneuse. 2,374,016; Apr. 17.

Scraper. M. S. Lower. 2,380,855; July 31.
Scraper, Draft operated. W. F. McCarthy. 2,391,584; Dec. 25.
Scraper for electrolytic tinning lines and the like, Edge. R. S. Deans. 2,386,663; Oct. 9.
Scraper for pots, pans, and the like. B. S. Mayer. 2,380,189; July 10.
Scraper head for wire. C. B. Leape. 2,370,051; Feb. 20.
Scraper, Hauling. M. M. Brodersen. 2,368,196; Jan. 30.
Scraper tail-gate mount and control. R. G. Le Tourneau. 2,383,978; Sept. 4.
Scraper, Wheeled. R. S. Hoar. 2,387,263; Oct. 23.
Screed, Adjustable. C. M. Autrey. 2,373,284; Apr. 10.
Screen: *See*—

Automobile window screen.	Oil screen.
Combination sliding and rolling light screen.	Oil well screen.
Detachable frameless screen.	Picture transmitter tube mosaic screen.
Electric lamp screen.	Portable picture screen.
Fluid pressure screen.	Projecting screen.
Folding gate screen.	Projection screen.
Frameless window screen.	Translucent screen.
Jarring screen.	Well screen.

Screen. K. R. Bixby. 2,390,983; Dec. 18.
Screen. A. L. Munro. 2,372,791; Apr. 3.
Screen. W. J. Parks. 2,374,775; May 1.
Screen. E. Schweiser. 2,370,263; Feb. 27.
Screen. H. E. Smith. 2,379,499; July 3.
Screen. E. D. Todd. 2,372,915; Apr. 3.
Screen and door lock, Safety window. J. H. Koebel. 2,379,970; July 10.
Screen and making the same, Light deflector. H. Warp. 2,366,224; Jan. 2.
Screen and manufacture, Luminescent. H. W. Leverenz. 2,376,437; May 22.
Screen cloth, Supporting. F. F. Bell. 2,381,029; Aug. 7.
Screen, Combination sliding and rolling light. F. W. Holstein. 2,384,377; Sept. 4.
Screen construction, Portable reversible. J. T. Heck and L. J. Du Mais. 2,377,553; June 5.
Screen door latch. S. Oxhandler. 2,391,736; Dec. 25.
Screen door latch. H. G. Voight. 2,369,874; Feb. 20.
Screen for aircraft windows and making the same, Frost-preventing. W. C. Geer. 2,385,411; Sept. 25.
Screen for baby pens. M. Berman. 2,382,851; Aug. 14.
Screen for hammer type feed grinders. E. M. Wetmore. 2,386,021; Oct. 2.
Screen for oil burners, Moving. M. Gaertner, 2,372,194; Mar. 27.
Screen for refrigerator cars. C. S. Johnston. 2,385,760; Sept. 25.
Screen for the reception of projected images. R. O. Walker. 2,366,761; Jan. 9.
Screen for wells. C. J. Haynes. 2,371,391; Mar. 13.
Screen inspection and method and article related to the same, Shadow. O. C. Hedin. 2,381,164; Aug. 7.
Screen material, Making. H. W. Thomas. 2,375,597; May 8.
Screen of composite material. H. W. Thomas. 2,368,689; Feb. 6.
Screen printing. A. Eddy. 2,387,984; Oct. 30.
Screen printing apparatus. W. Petty and C. H. Wiley. 2,369,602; Feb. 13.
Screen printing machine. W. A. Maher. 2,379,020; June 26.
Screen printing on cloth. R. F. Foard. 2,369,290; Feb. 13.
Screen with plastic frame. H. E. Van Voorhees. 2,368,053; Jan. 23.
Screening and feeding mechanism, Material. E. A. Glynn and S. Marvin. 2,372,776; Apr. 3.
Screening, Black-out. H. N. Renton. 2,373,416; Apr. 10.
Screw and lock device, Cap. J. R. Emerson. 2,370,944; Mar. 6.
Screw and making, Locking. J. J. Tomalis and H. G. Muenchinger. 2,371,365; Mar. 13.
Screw and nut gear, Ball bearing. R. P. Means, Jr. 2,380,662; July 31.
Screw and nut, Self-locking. H. J. Kent. 2,384,177; Sept. 4.
Screw, Balance. W. O. Bennett, Jr. 2,385,252; Sept. 18.
Screw blanks for double headed screws and header dies for use therewith, Making diamond headed. W. A. De Vellier. 2,373,948; Apr. 17.
Screw, Cap. J. R. Richer. 2,375,249; May 8.
Screw, Compound. E. A. Miller. 2,382,019; Aug. 14.
Screw die-head. A. E. Heckman. 2,390,647; Dec. 11.
Screw driver. A. T. Johnson. 2,378,775; June 19.
Screw driver. H. R. McCartney. 2,370,407; Feb. 27.
Screw driver. W. A. Purtell. 2,369,853; Feb. 20.
Screw driver bit. M. A. and G. E. West. 2,366,682; Jan. 2.
Screw driver or like tool, Self-feeding power-driven. W. A. Billinghurst. 2,373,992; Apr. 17.
Screw driver, Portable power-driven. E. S. Moore. 2,374,558; Apr. 24.
Screw driver, Universal. J. H. Bishop. 2,389,129; Nov. 20.
Screw-driving tool. J. R. Hawkins. 2,371,622; Mar. 20.
Screw, Elevating. C. W. Clark. 2,368,345; Jan. 30.
Screw machine. W. E. Joyce, W. H. Himes, and D. I. Wilson. 2,388,612; Nov. 6.
Screw machine. R. Kingsinger, G. Pinkham, and W. Friegel. 2,372,004; Mar. 20.
Screw Mechanism, Feed. B. R. Granberg and G. H. Ekstrom. 2,371,045; Mar. 6.
Screw-racking mechanism, Knitting machine. G. Wilders. 2,371,091; Mar. 6.
Screw, Self-threading. F. L. Davis. 2,387,720; Oct. 30.
Screw, Slotted. E. Schlueter. 2,384,264; Sept. 4.
Screw, Surgical. H. H. Haynes. 2,388,482; Nov. 6.
Screw-thread generating methods. L. C. Steinle and C. H. Hanwell. 2,367,973; Jan. 23.
Screw thread repairing device. W. A. Sturm. 2,374,393; Apr. 24.
Screw-top jar wrench. C. Escher. 2,389,301; Nov. 20.
Screw, Wood. E. G. Crooks. 2,380,724; July 31.
Scribing tool. A. J. Lynex. 2,388,361; Nov. 6.
Scrubber, Flue gas. M. I. Dorfan. 2,380,826; July 31.
Scrubber, Gas. O. W. Hupp. 2,373,565; Apr. 10.
Scrubber, Mattress. F. E. Hays and L. O. Scott. 2,385,511; Sept. 25.
Scrubbing and cleaning machine, Automatic sheep pelt. R. A. Nott and L. S. Ellis. 2,384,691; Sept. 11.
Seal. H. S. Eberhard. 2,376,664; May 29.
Seal. J. M. Gerrard. 2,377,224; May 29.
Seal. J. H. Kohler. 2,366,629; Jan. 2.
Seal. W. W. Meyer. 2,385,420; Sept. 25.
Seal. H. L. Northup. 2,386,496; Oct. 9.
Seal. N. S. Reynolds. 2,385,941; Oct. 2.
Seal. W. Stelzer. 2,371,414; Mar. 13.
Seal and drive construction, Pump. R. R. Curtis and R. L. Gates. 2,380,222; July 10.
Seal and insulator, Transmission line. H. O. Peterson. 2,368,566; Jan. 30.
Seal assembly. B. C. Bredenbeck. 2,390,201; Dec. 4.
Seal, Axle box. G. Stromeier. 2,377,387; June 5.
Seal bearing. S. M. Cooper. 2,375,166; May 1.
Seal, Bearing. E. Thoresen. 2,385,388; Sept. 25.
Seal, Comminutor base. J. J. Wirts. 2,375,455; May 8.
Seal construction. C. A. Ohl. 2,374,887; May 1.
Seal construction. N. S. Reynolds. 2,377,452; June 5.
Seal construction, Bearing. J. E. Shafer. 2,385,306; Sept. 18.
Seal construction, Booster pump. R. R. Curtis. 2,375,085; May 1.
Seal construction, Coupling. A. Townhill. 2,373,925; Apr. 17.
Seal, Decalcomania. E. F. Hall. 2,378,078; June 12.
Seal, Double port rotary. R. E. Carter. 2,384,281; Sept. 4.
Seal, Fluid. A. J. Matter. 2,383,667; Aug. 28.
Seal, Fluid. R. D. Snyder. Re. 22,666; Aug. 14.
Seal, Fluidtight. A. C. Hastings, Jr. 2,379,635; July 3.
Seal, Fluid type. E. L. Dayton. 2,385,406; Sept. 25.
Seal for bags. V. A. Nelson. 2,385,023; Sept. 18.
Seal for battery containers, Post. H. L. Koenig, W. C. Billheimer, and H. T. Havlick. 2,387,590; Oct. 23.
Seal for caskets, Inner. F. W. Hayes. 2,386,549; Oct. 9.
Seal for differential pressure gauges. J. W. Beecher. 2,367,087; Jan. 9.
Seal for gas pickling furnace muffles. R. F. Renkin. 2,367,174; Jan. 9.
Seal for pressure vessels. H. D. Baker. 2,385,754; Sept. 25.
Seal for spaced goggle lenses. C. Fischer. 2,373,388; Apr. 10.
Seal for transmission lines, End. L. W. Richardson and M. W. Scheldorf. 2,376,725; May 22.
Seal for vacuum type coffee makers. F. E. Wolcott. 2,384,359; Sept. 4.
Seal for well drilling rotaries, Blow out. A. R. Maier. 2,390,601; Dec. 11.
Seal for window sash. H. T. Peirson. 2,383,155; Aug. 21.
Seal, Glass-to-metal. M. Nazzewski. 2,386,628; Oct. 9.
Seal, Liquid-tight. O. Jacobsen. 2,374,353; Apr. 24.
Seal members, Making. C. V. Litton. 2,379,584; July 3.
Seal, Oil. A. Procter. 2,370,913; Mar. 6.
Seal, Pump. R. R. Curtis. 2,373,463; Apr. 10.
Seal, Pump diaphragm. J. A. Compton and A. Paul. 2,382,960; Aug. 21.
Seal, Resilient lubricant. L. R. Buckendale. 2,391,007; Dec. 18.
Seal, Shaft. W. R. Freeman. 2,375,985; May 15.
Seal, Shaft. J. T. Janette. 2,370,964; Mar. 6.
Seal, Shaft. A. E. Karlberg. 2,370,471; Feb. 27.
Seal, Shaft. A. E. Karlberg. 2,376,600; May 22.
Seal, Shaft. A. W. Morton. 2,372,103; Mar. 20.
Seal, Shaft. J. W. Ruzicka. 2,368,380; Jan. 30.
Seal structure. H. E. Jacobus. 2,367,781; Jan. 23.
Seal, X-ray tube anode. N. H. Stewart. 2,381,625; Aug. 7.
Sealed-in regulator. W. J. Rady. 2,377,265; May 29.
Sealed submersible structure. T. G. Myers. 2,379,648; July 3.
Sealed switch. F. W. Schwinn. 2,367,441; Jan. 16.
Sealer, Tape. J. Oftedahl and E. J. Oftedahl. 2,368,262; Jan. 30.
Sealing and crimping rollers for packaging machines. L. L. Salfisberg. 2,374,504; Apr. 24.
Sealing arrangement for centrifugal machines. E. Gente. 2,382,706; Aug. 14.
Sealing composition. N. J. Penning. 2,388,568; Nov. 6.
Sealing composition. L. L. Rector and C. L. Cron. 2,367,375; Jan. 16.

Sealing compound, Leak. A. C. Pabst. 2,391,737; Dec. 25.
Sealing container. J. P. Staples. 2,390,561; Dec. 11.
Sealing deposit in a well bore, Producing a. L. C. Chamberlain. 2,378,687; June 19.
Sealing device. J. W. Hobbs. 2,372,781; Apr. 3.
Sealing device. H. Hornschuch. 2,383,862; Aug. 28.
Sealing device. J. W. McConaghy. 2,389,528; Nov. 20.
Sealing device. W. Messinger. 2,388,925; Nov. 13.
Sealing device for internal gear pumps. J. B. Parsons. 2,383,153; Aug. 21.
Sealing device for pivotal joints. A. Searles and C. A. Swartz. 2,389,874; Nov. 27.
Sealing gland. B. E. Del Mar and E. E. Van Dyke. 2,390,928; Dec. 11.
Sealing machine. J. M. Humphrey. 2,376,253; May 15.
Sealing machine. J. M. Humphrey. 2,379,357; June 26.
Sealing machine. W. Stelzer. 2,385,951; Oct. 2.
Sealing machine. J. E. Underwood. 2,372,138; Mar. 20.
Sealing machine. J. E. Underwood. 2,385,429; Sept. 25.
Sealing machine and the like. L. E. La Bombard. 2,379,361; June 26.
Sealing machine, Tube. F. J. Cozzoli. 2,379,343; June 26.
Sealing means. R. O. Armington. 2,373,443; Apr. 10.
Sealing means. G. N. Harcourt. 2,371,166; Mar. 13.
Sealing means. S. Vernet. 2,368,181; Jan. 30.
Sealing means for the piston of a gas holder. H. H. Liese and H. C. Brinkman. 2,371,966; Mar. 20.
Sealing means, Gun. D. R. Berlin and C. G. Trimbach. 2,385,051; Sept. 18.
Sealing mechanism. W. Diezel. 2,391,684; Dec. 25.
Sealing method. E. L. Stein. 2,388,770; Nov. 13.
Sealing unit. L. J. Carey. 2,368,744; Feb. 6.
Seals, Forming. P. L. Spencer. 2,386,820; Oct. 16.
Seals, Making. R. L. Breadner, J. W. Harris, and C. H. Simms. 2,374,269; Apr. 24.
Seals, Making a lead-in. L. C. Goodale. 2,384,833; Sept. 18.
Seam. N. E. Weeks and R. B. Le Roy. 2,378,054; June 12.
Seam for metal containers, End. F. J. O'Brien. 2,384,042; Sept. 4.
Seam or joint, Sheet metal. H. E. Blackburn. 2,381,030; Aug. 7.
Seam or suture for wounds, Indirect. P. E. G. Fernandez. 2,387,131; Oct. 16.
Seam protecting device for cloth shears. W. N. Hadley. 2,375,732; May 8.
Seam system for ventilating garments. A. Barone. 2,385,124; Sept. 18.
Seaming mechanism. W. Diezel. 2,382,469; Aug. 14.
Seaplane docking. W. J. Turnbull. 2,381,789; Aug. 7.
Sear control mechanism for automatic firearms. H. Lippert. 2,381,916; Aug. 14.
Sear for firearms. F. L. Humeston. 2,388,149; Oct. 30.
Searchlight. L. H. Snyder. 2,383,223; Aug. 21.
Seat: *See*—
Adjustable seat.
Agricultural vehicle seat.
Airplane pilot's seat.
Airplane seat.
Bicycle seat.
Cantilever seat.
Cushion seat.
Floating chair type seat.
Infant's folding toilet seat.
Infant's toilet seat.
Railroad seat.
Reel seat.
Safety window seat.
Valve insert seat.
Seat. K. Horner, and L. Hiltman. 2,372,496; Mar. 27.
Seat. S. J. Meiselman. 2,370,061; Feb. 20.
Seat attachment for crutches. W. F. Homrighausen. 2,380,437; July 31.
Seat base or the like and making same. M. M. Cunningham. 2,371,954; Mar. 20.
Seat construction. H. C. Flint. 2,373,751; Apr. 17.
Seat, especially for tractors and agricultural machines, Driver's. A. Lentz. 2,373,694; Apr. 17.
Seat for farm implements and the like. M. M. Cunningham. 2,370,014; Feb. 20.
Seat for invalid transfer devices. M. M. Farmer. 2,380,102; July 10.
Seat locator. H. L. Putt. 2,390,665; Dec. 11.
Seat securing means. R. S. Turner. 2,372,802; Apr. 3.
Seat structure for cabin cruisers, Convertible. C. L. Edwards. 2,383,178; Aug. 21.
Seat, table, and play yard, Combined baby's. M. Sedita. 2,386,721; Oct. 9.
Sectional boiler. A. J. Gallaher. 2,386,945; Oct. 16.
Sectional ladder. R. A. Kennedy. 2,372,003; Mar. 20.
Sectional sliding door. E. W. Goodwin. 2,373,023; Apr. 3.
Securing device. F. A. Ballou, Jr. 2,380,359; July 10.
Securing means. L. Brozek. 2,382,947; Aug. 14.
Sedimentation apparatus. S. I. Bousman. 2,368,703; Feb. 6.
Sedimentation apparatus. S. I. Bousman. 2,370,120; Feb. 27.
Sedimentation apparatus. W. C. Weber. 2,369,194; Feb. 13.
Seed dispensing mechanism. H. H. Radde and W. A. Radde. 2,374,132; Apr. 17.
Seed harvester. R. E. Holbrook. 2,366,622; Jan. 2.
Seed planting machine. J. M. Dodwell. 2,384,820; Sept. 18.
Seeder, Garden. W. Schrader. 2,388,501; Nov. 6.
Seeding attachment. W. A. Hyland. 2,378,635; June 19.
Seeds and plants from pests, Protecting. J. P. Remensnyder. 2,381,411; Aug. 7.
Segmental packing ring. J. W. Price, Jr. 2,375,869; May 15.
Segregated adhesive tape calendar. E. P. Wenselberger. 2,386,731; Oct. 9.
Seismic prospecting system. E. E. Hoskins and R. M Moore. 2,378,925; June 26.
Seismic surveying. J. O. Parr, Jr. 2,390,322; Dec. 4.
Seismic surveying. C. Reichert. 2,384,851; Sept. 18.
Seismic surveying. J. A. Sharpe. 2,390,187; Dec. 4.
Seismic waves, Method and apparatus for recording. R. A. Broding. 2,372,056; Mar. 20.
Seismograph. J. P. Minton. 2,375,433; May 8.
Seismograph pickup, Directional. R. J. Roberts. 2,390,328; Dec. 4.
Selecting apparatus for use with paper machines, Stock. E. A. Poirier. 2,386,632; Oct. 9.
Selecting device for telephone signal systems. S. D. Vigren, W. O. W. Broberg, and O. K. J. Olsson. 2,367,101; Jan. 9.
Selecting mechanism for calculating machines. K. B. W. Kiel. 2,378,560; June 19.
Selecting system. A. M. Skellett. 2,375,044; May 1.
Selective absorption. K. H. Hachmuth. 2,372,668; Apr. 3.
Selective calling system. A. Weaver. 2,374,908; May 1.
Selective control circuit. E. S. Purington. 2,382,097; Aug. 14.
Selective device. C. Kittel. 2,371,761; Mar. 20.
Selective fading, Reduction of. H. E. Goldstine. 2,389,356; Nov. 20.
Selective null transmission circuit. J. R. Ford and J. M. Brumbaugh. 2,374,419; Mar. 27.
Selective stacking machine. H. G. Bielstein. 2,373,532; Apr. 10.
Selector and exhibiting machines, Bingo counter. C. J. Neitzel. 2,379,030; June 26.
Selector, Automatic program. E. S. Purington. 2,368,778; Feb. 6.
Selector, Coin. W. Patzer. 2,371,310; Mar. 13.
Selector, Faulted phase. E. L. Harder. 2,381,283; Aug. 7.
Selector for automatic phonographs. M. W. Kenney and H. G. Jensen. 2,382,487–8; Aug. 14.
Selector mechanism for automatic phonographs. T. M. Wright. 2,371,491; Mar. 13.
Selector mechanism for multistack weft replenishing looms. W. C. Howe. 2,379,487; July 3.
Selector mechanism for radio receivers, Time controlled. H. C. Goodwin. 2,366,726; Jan. 9.
Selector switch. W. S. Gorton. 2,374,992; May 1.
Selector switch. W. H. T. Holden. 2,372,782; Apr. 3.
Selector switch. V. G. Sprague. 2,391,276; Dec. 18.
Selector switch. H. T. Stenhammer. 2,372,801; Apr. 3.
Selector valve. B. G. Benaway. 2,366,693; Jan. 9.
Selector valve. B. G. Benaway. 2,376,322; May 22.
Selector valve. L. S. Sanderson. 2,391,196; Dec. 18.
Selenium cell. O. Saslaw. 2,386,750; Oct. 16.
Selenium coated plates, Forming blocking layers on. L. R. Jackson and W. F. Stewart. 2,391,706; Dec. 25.
Selenium element, Manufacture of. O. Saslaw. 2,370,493; Feb. 27.
Selenium elements, Making. O. Saslaw and H. Carlson. 2,378,438; June 19.
Selenium elements, Manufacture of. A. J. Miller and E. P. Sauerborn. 2,379,919; July 10.
Selenium, Recovering. J. O. Betterton and Y. E. Lebedeff. 2,378,824; June 19.
Selenium rectifier. T. D. L. Ekenas and G. E. Fähræus. 2,375,353; May 8.
Selenium rectifier. G. E. Fahraeus, A. R. Lindblad, and S. J. Wallden. 2,375,355; May 8.
Selenium rectifier temperature indicator. G. H. Shoemaker. 2,384,200; Sept. 4.
Selenium toner and making. Concentrated. W. V. Wadman and L. D. Butcher. 2,382,683; Aug. 14.
Self-adjusting thread holder. W. H. Wakefield. 2,370,826; Mar. 6.
Self-aligning antivibration coupling. H. W. Ibbott. 2,378,851; June 19.
Self-attaching wire holder. W. H. Maack. 2,386,129; Oct. 2.
Self-balancing inverter circuit. J. B. Crawley. 2,383,846; Aug. 28.
Self-cleaning filter. N. Obenshain and M. A. Sively. 2,382,656; Aug. 14.
Self-closing and slow-closing valve. H. C. Krone and W. Meyer. 2,384,627; Sept. 11.
Self-compensating amplifier tube circuit. P. Glass. 2,374,480; Apr. 24.
Self-heating container. N. T. Naranick. 2,374,696; May 1.
Self-igniting attachment and making the same. B. D. Haber. 2,370,306; Feb. 27.
Self-interrupter. G. Schmidt. 2,387,616; Oct. 23.
Self-locking container. M. I. Williamson and V. R. Pantalone. 2,373,730; Apr. 17.
Self-lubricating bearing. B. Schroeter. 2,368,886; Feb. 6.
Self-oiling burnishing tool. W. E. MacGuire and K. J. Dodge. 2,387,453; Oct. 23.
Self-priming centrifugal pump. C. I. Longenecker. 2,386,485; Oct. 9.
Self-priming pump. R. D. Campbell. 2,391,769; Dec. 25.

Self-pulsing circuit. M. Chodorow. 2,391,545; Dec. 25.
Self-quiz testing device. C. Lorber. 2,380,657; July 31.
Self-releasing die holder. W. M. Berg. 2,391,671; Dec. 25.
Self-releasing hoisting hook. J. Herman. 2,370,312; Feb. 27.
Self-sealing coupling. D. W. Main. 2,391,022; Dec. 18.
Self-sealing fuel tank. R. A. Crawford. 2,374,332; Apr. 24.
Self-sealing fuel tank. E. C. Phillips. 2,391,477; Dec. 25.
Self-sealing stuffing box. E. G. Zimmermann. 2,366,824; Jan. 9.
Self-starting constant pressure internal-combustion engine. G. A. Stanzel. 2,379,838; July 3.
Self-wiping electric plug connector. H. Korn. 2,391,425; Dec. 25.
Semiconducting composition. H. H. Barker and L. R. Hill. 2,377,600; June 5.
Sensing means. B. F. Terry. 2,374,790; May 1.
Sensing mechanism. W. L. Drown. 2,367,568; Jan. 16.
Sensing mechanism. H. K. Leonard. 2,370,805; Mar. 6.
Sensing mechanism. L. S. Williams. 2,385,323; Sept. 18.
Sensitization of hydrogen bromide catalyzed oxidation reactions. J. H. Raley. 2,391,740; Dec. 25.
Sensitometry. L. A. Jones, C. N. Nelson and L. D. Clark. 2,380,244; July 10.
Sensitometry. O. E. Miller. 2,376,166; May 15.
Separable fastener. O. J. Huelster. 2,367,217; Jan. 16.
Separable fastener. G. H. Hufferd. 2,380,240; July 10.
Separable fastener. L. H. Morin. 2,385,020; Sept. 18.
Separable fastener. M. Winterhalter. 2,380,623; July 31.
Separable handle and band clamp. J. H. Reichart. 2,378,867; June 19.
Separating and sizing device, Mineral. P. J. Minichello. 2,391,029; Dec. 18.
Separating apparatus. A. A. Clark and H. W. Hooper. 2,389,611; Nov. 27.
Separating apparatus. C. B. Schneible. 2,378,798; June 19.
Separating apparatus. C. B. Schneible and C. C. Hermann. 2,374,238; Apr. 24.
Separating device, Continuous pressure. R. M. Thompson. 2,382,453; Aug. 14.
Separating hydrocarbons and making mercaptans. D. E. Badertscher, H. L. Coonradt, and D. J. Crowley. 2,386,769; Oct. 16.
Separating hydrocarbons and making mercaptans. D. E. Badertscher, H. L. Coonradt, and D. J. Crowley. 2,386,771–2; Oct. 16.
Separating hydrocarbons and making mercaptans. D. E. Badertscher, H. L. Coonradt, and D. J. Crowley. 2,386,774; Oct. 16.
Separating machine. J. Q. Sherman. 2,368,683; Feb. 6.
Separating means, Component. M. L. Sappenfield. 2,369,255; Feb. 13.
Separating 3-picoline, 4-picoline, and 2,6-lutidine. F. E. Cislak and O. D. Cunningham. 2,374,418; Apr. 24.
Separating 2,3,6-trimethyl phenol and 2-methyl-4-ethyl phenol. A. De Benedictis and D. B. Luten, Jr. 2,370,719; Mar. 6.
Separation. E. L. Wiegand. 2,369,878; Feb. 20.
Separation of diolefins. R. C. Morris and H. de V. Finch. Re. 22,671; Aug. 28.
Separation of methylacetylene from C_4 hydrocarbons. W. S. Walls and M. R. Dean. 2,371,860; Mar. 20.
Separation of mineral values from ores. F. J. Cahn. 2,389,763; Nov. 27.
Separation of organic compounds. B. S. Friedman. 2,385,981; Oct. 2.
Separation of protein from animal matter containing protein of water-soluble form. W. G. Gordon. 2,377,624; June 5.
Separation of tertiary base olefins from hydrocarbon mixtures. D. E. Badertscher, D. J. Crowley, and C. F. Feasley. 2,386,773; Oct. 16.
Separation of trimethyl amine and ammonia from amination reaction mixtures. J. F. Olin. 2,388,217; Oct. 30.
Separation process. A. S. Carter and A. V. Willett, Jr. 2,381,038; Aug. 7.
Separation process. J. D. Fitzpatrick and L. D. Myers. 2,389,191; Nov. 20.
Separation process. G. Riethof. 2,383,016; Aug. 21.
Separation process. H. M. Weir. 2,366,900; Jan. 9.
Separation process, Heavy media. G. B. Walker. 2,387,866; Oct. 30.
Separator: *See*—
Battery separator.
Carbon separator.
Centrifugal dust separator.
Centrifugal separator.
Coin separator.
Continuous centrifugal separator.
Cyclone separator.
Dust separator.
Egg separator.
Equilibrium grain separator.
Gasoline and water separator.
Gravity separator.
Liquid and gas separator.
Magnetic separator.
Mist separator.
Mixed material separator.
Oil and gas separator.
Oil separator.
Resilient ball separator.
Rotary grader and separator.
Silencer and solid particle separator.
Sludge separator.
Surgical separator.
Vapor separator.
Vibratory separator.
Wood pulp separator.
Separator. J. Blizard. 2,389,130; Nov. 20.
Separator. E. S. Gorton. 2,391,412; Dec. 25.
Separator. W. D. Yerrick and A. Jensen. 2,391,534; Dec. 25.
Separator for automobile ventilating devices, Rain. E. E. Hans. 2,372,377; Mar. 27.
Separator for cooling systems, Oil saving. A. G. Wood. 2,387,208; Oct. 16.
Separator for printing presses, Sheet. B. W. Dalton. 2,390,827; Dec. 11.
Separator of the vortex type for paper pulp. H. E. B. Scott. 2,377,721; June 5.
Separator or clarifier, Centrifugal. A. F. Howe. 2,370,353; Feb. 27.
Separators, Baffle for steam and water. J. E. Biery. 2,368,443; Jan. 30.
Separators, Pilot valve for oil and gas. F. T. Haddock. 2,382,710; Aug. 14.
Septic tank. N. J. Burgett. 2,378,616; June 19.
Septic tank. G. E. Evans and I. Gutman. 2,367,270; Jan. 16.
Serial punching and card counting apparatus for use with perforating machines. C. D. Lake. 2,377,791; June 5.
Serrations in flat surfaces, Machining curved. J. Duseveir. 2,367,850; Jan. 23.
Service equipment, Automatic. E. J. De Costa and J. S. Glickauf, Jr. 2,377,133; May 29.
Serving device, Food. H. G. Zoia. 2,380,629; July 31.
Serving tool. W. E. White. 2,390,674; Dec. 11.
Servomotor. F. C. Biggert, Jr. 2,370,137; Feb. 27.
Servomotor. E. Dodson. 2,376,471; May 22.
Servo motor. R. H. Hill. 2,391,702; Dec. 25.
Servomotor. G. A. Waldie. 2,368,791; Feb. 6.
Servo power application to dies of die-casting machines. L. H. Morin. 2,379,738; July 3.
Servo unit. C. E. Fitch. 2,380,510; July 31.
Settee, Convertible. O. W. Mann. 2,377,958; June 12.
Setter and puller, Post. P. A. Bezzerides. 2,374,406; Apr. 24.
Setting mechanism, Single knob price. C. S. Hazard and H. F. Soper. 2,375,787; May 15.
Setting up device, Egg carton. K. T. Buttery. 2,385,401; Sept. 25.
Settler. J. R. Schonberg and R. A. Given. 2,375,590; May 8.
Setup and adjustment means. D. Kasen. 2,377,239; May 29.
17-hydroxyandrostanes, their derivatives and substitution products and making same. Saturated and unsaturated. K. Miescher and A. W. Basel. 2,374,369–70; Apr. 24.
Severing apparatus. F. Lombardo. 2,372,788; Apr. 3.
Sewage and other waste material, Treating. L. E. Langdon. 2,370,974; Mar. 6.
Sewage clarification and sludge removal, System of. L. B. Griffith. 2,389,357; Nov. 20.
Sewage comminuting apparatus. W. J. Hughes. 2,391,704; Dec. 25.
Sewage. Method and apparatus for treating. J. D. Walker. 2,391,494; Dec. 25.
Sewage disposal. J. A. Montgomery and L. E. Livingston. 2,388,795; Nov. 13.
Sewage ejecting apparatus, Pneumatic. W. G. Winter. 2,373,935; Apr. 17.
Sewage ejector. C. Yeomans. 2,383,834; Aug. 28.
Sewage or other waste material, System for and method of treating. M. Levine. 2,366,917; Jan. 9.
Sewage screening apparatus. J. D. Walker. 2,379,615; July 3.
Sewage treating apparatus. A. C. Durdin, III. 2,381,579; Aug. 7.
Sewage treatment. A. C. Durdin, III. 2,378,756; June 19.
Sewage treatment system. C. W. Chase. 2,380,025; July 10.
Sewed double side seam bag. H. A. Rohdin. 2,378,503; June 19.
Sewer sludge, screenings, and garbage combustion apparatus. A. C. Peterson and C. R. Raiter. 2,389,077; Nov. 13.
Sewing and binding machine. O. R. Haas. 2,388,739; Nov. 13.
Sewing apparatus. P. Gardner and R. Kagan. 2,381,817; Aug. 7.
Sewing apparatus. R., V., and H. Naftali. 2,383,613; Aug. 28.
Sewing machine. H. E. Althens. 2,385,768; Oct. 2.
Sewing machine. T. A. Anderson. 2,376,648; May 22.
Sewing machine. H. L. Bagwell. 2,391,379; Dec. 25.
Sewing machine. W. K. R. Beyer. 2,378,534; June 19.
Sewing machine. N. V. Christensen. 2,372,175; Mar. 27.
Sewing machine. D. A. Cumfer. 2,369,118; Feb. 13.
Sewing machine. K. P. Hollander. 2,367,865; Jan. 23.
Sewing machine. C. W. Johnson. 2,368,066; Jan. 23.
Sewing machine. C. W. Johnson. 2,386,800; Oct. 16.
Sewing machine. F. A. Kucera. 2,370,738; Mar. 6.
Sewing machine. J. Mann. 2,381,977; Aug. 14.
Sewing machine. W. H. May. 2,377,951; June 12.
Sewing machine. R. Naftali, V. Naftali and H. Naftali. 2,372,105; Mar. 20.
Sewing machine. L. R. Newton, H. E. Haase, and C. T. Walter. 2,389,112; Nov. 13.
Sewing machine. M. Pedersen. 2,383,677; Aug. 28.
Sewing machine. F. A. Reece. 2,377,037; May 29.
Sewing machine. C. F. Rubel. 2,373,418; Apr. 10.

Sewing machine. G. Sauer. 2,386,349; Oct. 9.
Sewing machine. J. Schifter. 2,390,126; Dec. 4.
Sewing machine. A. M. Sheldon. 2,367,145; Jan. 9.
Sewing machine. E. N. Simmons and D. F. Dwyer. 2,374,043; Apr. 17.
Sewing machine. C. C. Smith. 2,391,519; Dec. 25.
Sewing machine. N. F. Townsend and F. P. Tamburro. 2,384,509; Sept. 11.
Sewing machine. C. T. Walter and L. R. Newton. 2,375,155; May 1.
Sewing machine. C. T. Walter. 2,380,912; July 31.
Sewing machine and operating the same. J. E. Werts. 2,376,216; May 15.
Sewing machine and thread controlling device, Shoe. T. F. Orr and L. S. Curtin. 2,384,488; Sept. 11.
Sewing machine arm. C. E. Colegrove. 2,390,571; Dec. 11.
Sewing machine attachment. D. L. Bacon, S. P. Caldwell, and W. L. Barmmer. 2,374,721; May 1.
Sewing machine attachment. H. H. Pelzer. 2,378,096; June 12.
Sewing machine attachment. C. Seaman. 2,378,730; June 19.
Sewing machine attachment. H. H. Russell. 2,389,745; Nov. 27.
Sewing machine, Button. F. A. Reece. 2,378,656; June 19.
Sewing machine drive. H. J. Le Vesconte and A. M. Schweda. 2,390,220; Dec. 4.
Sewing machine, Lock stitch. H. J. Le Vesconte and A. M. Schweda. 2,385,288; Sept. 18.
Sewing machine motor controller. C. R. Schenk. 2,384,772; Sept. 11.
Sewing machine, Portable. C. A. Martin. 2,371,401; Mar. 13.
Sewing machine, Shoe. L. L. Barner. 2,383,530; Aug. 28.
Sewing machine, Tie. J. A. Neumair and C. W. Johnson. 2,387,282; Oct. 23.
Sewing machine unit. N. V. Christensen. 2,374,731; May 1.
Sewing machines, Darning attachments for. W. O. Runcie and G. M. Kecseli. 2,390,329; Dec. 4.
Sewing machines, Needlebar mechanism for. L. M. Ballamy and R. H. Sheepshanks. 2,390,288; Dec. 4.
Sewing machines, Thread take-up for. C. F. Rubel. 2,391,517; Dec. 25.
Sextant. O. E. Esval and W. Wrigley. 2,389,143; Nov. 20.
Sextant. J. V. Horr. 2,378,770; June 19.
Sextant, Gyro-stabilized. O. E. Esval and W. Wrigley. 2,389,142; Nov. 20.
Shackle. O. A. Wirkkala. 2,375,719; May 8.
Shackle, Guy line. J. G. Slavens. 2,373,980; Apr. 17.
Shade and curtain bracket. I. Ilieff. 2,386,861; Oct. 16.
Shade attachment, Window. A. H. Cadieux. 2,389,593; Nov. 27.
Shade, Coated glass fiber window. C. S. Hyatt and T. J. Kerr. 2,381,542; Aug. 7.
Shade mounting for outswinging windows. C. H. Shirley. 2,386,986; Oct. 16.
Shaded-pole synchronous electric motor. A. B. Poole. 2,382,333; Aug. 14.
Shaft and air-cooled handpiece, Flexible. R. Schumann. 2,377,271; May 29.
Shaft aligning apparatus. O. W. Packer. 2,380,867; July 31.
Shaft and motor carrier, Flexible. W. D. Snyder and W. J. Emmer. 2,368,731; Feb. 6.
Shaft articles, Coating. W. D. Kmentt. 2,388,159; Oct. 30.
Shaft bearing. G. B. Philips and J. R. Tuuri. 2,388,570; Nov. 6.
Shaft bearing. L. C. Steinle and C. H. Hanwell. 2,388,503; Nov. 6.
Shaft coupling. R. A. Niekamp. 2,385,369; Sept. 25.
Shaft, Flexible. J. L. Smith. 2,370,884; Mar. 6.
Shaft, Propeller. C. L. Dewey. 2,380,952; Aug. 7.
Shaft protector. R. K. Hoke. 2,385,000; Sept. 18.
Shaft seal assemblies, Manufacturing. A. A. McCormack. 2,382,245; Aug. 14.
Shafting, Flexible. G. G. Eisenbeis. 2,366,688; Jan. 2.
Shaker, Cocktail. C. T. Jacobs. 2,387,151; Oct. 16.
Shaker, Combination separable salt and pepper. E. C. Hanley. 2,376,855; May 29.
Shaker, Condiment. L. R. De Lauder. 2,373,551; Apr. 10.
Shaking and conveying machine. L. R. Newton. 2,380,910; July 31.
Shampoo device, Vibrating. D. S. Berns and C. J. Carcona. 2,369,881; Feb. 20.
Shank and patching cement press for footwear. C. G. Hilton. 2,385,273; Sept. 18.
Shank construction. W. B. Pohle. 2,383,212; Aug. 21.
Shank reducing machine. C. E. Hood. 2,373,758; Apr. 17.
Shank stiffener and making the same. F. E. Toothaker. 2,371,322; Mar. 13.
Shape burner. C. G. Hubkey. 2,378,017; June 12.
Shaped bodies capable of being sintered, Making. W. Dawihl. 2,378,539; June 19.
Shaped parts made out of a supple, elastic, nonmetallic matter, Manufacture of. L. Bolle. 2,375,518; May 8.
Shaper. H. C. Langhorst. 2,366,200; Jan. 2.
Shaper attachment, Hydraulic duplicating. M. Turchan and C. Walker. 2,376,405; May 22.
Shaping machine. E. D. Boyce. 2,368,965; Feb. 6.
Shaping machine. R. B. Mentzer. 2,385,015; Sept. 18.
Shaping press. W. K. Beinhoff. 2,386,535; Oct. 9.
Sharpener, Drill. W. O. Benning. 2,369,642; Feb. 20.
Sharpener, Drill. E. F. Wickens. 2,369,627; Feb. 13.
Sharpener, including equalizing means, Lawn mower. F. D. Wulff. 2,371,492; Mar. 13.
Sharpener, Knife. F. R. Chester. 2,386,194; Oct. 9.
Sharpener, Knife. F. O. De Millar. 2,378,754; June 19.
Sharpener, Lawn mower. W. F. H. Braun. 2,367,562; Jan. 16.
Sharpener, Lawn mower. O. Brooks. 2,378,179; June 12.
Sharpener, Lawn mower. F. E. Gilbreath. 2,373,022; Apr. 3.
Sharpener, Lawn mower. J. L. Ward. 2,377,984; June 12.
Sharpener, Pencil. J. J. Lucas. 2,382,017; Aug. 14.
Sharpener, Pencil. A. H. Paschell. 2,366,928; Jan. 9.
Sharpener, Razor. J. L. S. Rosenberg. 2,372,121; Mar. 20.
Sharpener, Razor blade. W. T. Clarke. 2,374,419; Apr. 24.
Sharpener, Razor blade. D. Heller. 2,391,701; Dec. 25.
Sharpener, Razor blade. E. T. Knitter. 2,381,669; Aug. 7.
Sharpener, Razor blade. J. P. Ross. 2,373,853; Apr. 17.
Sharpening and gauging mechanism, Correlating drill bit. J. F. McCarthy, Jr. 2,367,229; Jan. 16.
Sharpening device. F. E. Broberg. 2,387,877; Oct. 30.
Sharpening device. Le R. Craven. 2,376,477; May 22.
Sharpening device, Drill. J. Michelson. 2,389,679; Nov. 27.
Sharpening implement. E. Probst. 2,367,737; Jan. 23.
Sharpening instrument. B. M. Miller. 2,380,539; July 31.
Sharpening machine, Universal precision. G. Grobet. 2,391,153; Dec. 18.
Sharpening means for safety razors. F. Evans. 2,385,436; Sept. 25.
Sharpening or like device, Scissors. D. L. Iafrate. 2,384,922; Sept. 18.
Shaver. H. Schlotthauer. 2,376,197; May 15.
Shaver motor. E. S. Tolmie. 2,368,951; Feb. 6.
Shaver, Motor-operated. C. W. Holcomb. 2,388,324; Nov. 6.
Shaving apparatus, Electrical or mechanical, Dry. S. L. Susunaga. 2,370,331; Feb. 27.
Shaving brush holder. M. K. Katz. 2,385,003; Sept. 18.
Shaving machine. G. F. Bahr. 2,373,370; Apr. 10.
Shaving machine. J. C. Garand. 2,367,206; Jan. 16.
Shaving machine. A. E. Jensen. 2,371,242; Mar. 13.
Shaving mechanism. A. Belz. 2,374,724; May 1.
Shaving mechanism. W. J. Neidig. 2,367,686; Jan. 23.
Shaving preparation, Brushless. R. Thomas and H. Whitham. 2,366,759; Jan. 9.
Shear. W. Hartkopf. 2,369,673; Feb. 20.
Shear. F. T. Neale. 2,389,531; Nov. 20.
Shear. T. Serdich. 2,391,598; Dec. 25.
Shear, Alligator. L. L. Hercik. 2,370,311; Feb. 27.
Shear for flanged metal shapes. J. Soutar. 2,366,987; Jan. 9.
Shear pin drive, rotary. R. A. Rowsey. 2,388,186; Oct. 30.
Shear pin mechanism. S. M. Mercier. 2,384,188; Sept. 4.
Shear, Pneumatic pruning. L. Browning. 2,391,676; Dec. 25.
Shear, Rotary. E. A. Rathgen. 2,370,993; Mar. 6.
Shear. Scrap. J. W. McWilliams and P. R. Moss. 2,368,152; Jan. 30.
Shearing and punching machine for sheet metal. E. L. S. Borg. 2,386,652; Oct. 9.
Shearing machine. R. L. Griffin and N. Y. Moore. 2,387,579; Oct. 23.
Shears. G. Wilson. 2,372,242; Mar. 27.
Shears, Nonmetallic molded replaceable blade. L. W. Schaaff. 2,377,906; June 12.
Shears or scissors. G. V. Arnold. 2,369,271; Feb. 13.
Shears, Pinking. C. E. Brown. 2,387,053; Oct. 16.
Shears, Power actuated pruning. C. J. Johnson. 2,366,909; Jan. 9.
Shears, Sheep. E. P. Turner. 2,375,262; May 8.
Sheathing unit. C. J. Fink. 2,390,087; Dec. 4.
Sheave mechanism for looms, Harness cord. O. V. Payne. 2,379,743; July 3.
Sheet; *See*—
Paint and drawing sheet.
Sheet and making same, Soap. J. H. Muise. 2,389,736; Nov. 27.
Sheet binding means. F. J. Perry, Sr. 2,372,115; Mar. 20.
Sheet control delivery mechanism for lithograph, varnishing machines, and the like. H. W. Brintnall. 2,381,719; Aug. 7.
Sheet cutter. R. U. Strandberg. 2,376,460; May 22.
Sheet cutter. C. E. Youngchild. 2,376,470; May 22.
Sheet cutting machine. R. E. J. Nordquist. 2,387,767; Oct. 30.
Sheet delivery control arrangement in printing presses. M. R. Bellamy. 2,384,523; Sept. 11.
Sheet feeder. H. J. Luehrs and P. W. Cottrell. 2,383,807; Aug. 28.
Sheet feeder. H. E. Peyrebrune and B. B. Pasquinelli. 2,377,447; June 5.

Sheet feeding and stacking apparatus. J. C. Strickler. 2,373,140; Apr. 10.
Sheet feeding apparatus. L. Baker. 2,380,480; Nov. 20.
Sheet feeding device. A. W. Metzner. 2,366,206; Jan. 2.
Sheet-feeding mechanism. L. E. La Bombard. 2,369,914; Feb. 20.
Sheet feeding mechanism. J. T. Hale. 2,375,989; May 15.
Sheet feeding mechanism. W. F. Leonhart. 2,378,306; June 12.
Sheet feeding mechanism. W. Pechy. 2,374,698; May 1.
Sheet feeding mechanism. F. W. Seybold. 2,384,046; Sept. 4.
Sheet feeding mechanism, Automatic. L. E. La Bombard. 2,381,853; Aug. 7.
Sheet-feeding method and machine. L. L. Matthews. 2,367,416; Jan. 16.
Sheet folding. J. W. Cordell. 2,386,933; Oct. 16.
Sheet for loose leaf-book pages. W. P. Pitt. 2,375,582; May 8.
Sheet for railway cars, Floor protecting. C. D. Bonsall. 2,387,226; Oct. 23.
Sheet handling apparatus. A. Neubart. 2,369,686; Feb. 20.
Sheet handling apparatus. A. A. Saul. 2,371,190; Mar. 13.
Sheet handling apparatus. J. Sinkovitz. 2,372,229; Mar. 27.
Sheet holder. A. J. Lev. 2,373,482; Apr. 10.
Sheet holder. S. M. McCarthy. 2,372,904; Apr. 3.
Sheet material. H. N. Atwood. 2,373,738; Apr. 17.
Sheet material. W. A. Hoffman and R. S. Schreiber. 2,378,479; June 19.
Sheet material, Flexible coated. R. Stone. 2,371,001; Mar. 6.
Sheet material, Heat-seal. E. L. Kallander. 2,376,778; May 22.
Sheet material joint. J. D. Granville. 2,374,743; May 1.
Sheet material, Making. H. Himmell. 2,368,024; Jan. 23.
Sheet material, Adhesive. E. S. Hole. 2,379,964; July 10.
Sheet material by electrical discharges, Perforation of. I. H. Wilsey and J. W. Meaker. 2,379,846; July 3.
Sheet material, Manufacture of. R. G. Jackson. 2,380,762; July 31.
Sheet material, Method and apparatus for bending. W. H. Nobles. 2,382,807; Aug. 14.
Sheet material, Method and apparatus for coating. L. O. Goff and F. H. Frost. Re. 22,605; Feb. 20.
Sheet material, Method and apparatus for making. C. J. Davies. 2,383,849; Aug. 28.
Sheet material, Method of and apparatus for crimping the marginal portion of. J. S. Kamborian. 2,378,639; June 19.
Sheet material, Peelable heat-seal. E. L. Kallander. 2,376,777; May 22.
Sheet materials, Treating. G. B. Brown. 2,375,276; May 8.
Sheet metal, Forming. H. M. Jager. 2,378,482; June 19.
Sheet metal lagging tool. A. Osborne. 2,380,781; July 31.
Sheet metal, Process of and apparatus for operating on. C. M. Yoder. 2,391,499; Dec. 25.
Sheet metal, Rolling. C. G. Jones. 2,385,627; Sept. 25.
Sheet metal shaping and shearing. J. L. Berger. 2,377,664; June 5.
Sheet metal structure. G. Elwert. 2,371,036; Mar. 6.
Sheet metal structure and making the same. A. G. Dean. 2,383,370; Aug. 21.
Sheet, moistureproof. W. L. Hyden and J. A. Mitchell. 2,388,326; Nov. 6.
Sheet mount. W. C. Montignani. 2,378,151; June 12.
Sheet or strip, Insulating. C. E. Binns and S. Palmer. 2,372,977-8; Apr. 3.
Sheet, Powder fiber. E. J. Merrell. 2,389,678; Nov. 27.
Sheet-retaining attachment for platen presses. H. L. Thompson. 2,370,591; Feb. 27.
Sheet stacking machine. H. W. Lindgren and F. H. Nemitz. 2,375,241; May 8.
Sheet transfer mechanism. C. F. Root. 2,367,529; Jan. 16.
Sheet treating machine. J. Felber. 2,371,161; Mar. 13.
Sheet, Water-proof felted. P. W. Pretzel. 2,375,244; May 8.
Sheeting, Treating plastic. G. B. Watkins. 2,375,396; May 8.
Sheets and machine therefor, Simultaneously mounting and tour-cutting printed or lithographed. H. O. Sperry. 2,375,330; May 8.
Sheets, Cast methyl methacrylate. B. M. Marks. 2,373,488; Apr. 10.
Sheets, Coating. F. E. Fairley, L. T. Lindquist, C. D. Michaels, and H. C. Rodgers. 2,388,131; Oct. 30.
Sheets, Forming glass. M. L. Devol. 2,387,886; Oct. 30.
Sheets, Method of and apparatus for shaping thermoplastic. R. E. Leary. 2,377,946; June 12.
Sheets of hard polymer, Preparing shaped. I. E. Muskat. 2,379,247; June 26.
Sheets of polymeric material, Preparing curved. I. E. Muskat. 2,379,248; June 26.
Sheets or plates, et cetera. J. H. Roney, R. S. Locke, and P. R. Hawtin. 2,374,308; Apr. 24.
Sheets, Pressure sensitive adhesive. W. Eustis and G. R. Orrill. 2,385,319; Sept. 18.
Shelf construction. J. E. Bales. 2,374,658; May 1.
Shelf for coin-controlled vending refrigerators. M. L. Smith. 2,376,561; May 22.
Shelf structure. C. Rosenthal. 2,366,677; Jan. 2.
Shell and tracer unit, Shotgun. N. D. Knight. 2,368,029; Jan. 23.
Shell, Antiaircraft. E. B. Wise. 2,368,587; Jan. 30.
Shell body and making same. D. M. Weigel. 2,366,663; Jan. 2.
Shell carrier liner. E. F. Hulbert. 2,375,993; May 15.
Shell, Explosive dump. O. E. Chenoweth and P. F. Lewis. 2,384,534; Sept. 11.
Shell structure. C. B. Ferrel. 2,373,883; Apr. 17.
Shellac modified with primary aliphatic polyamines. H. H. Bassford, Jr., and W. H. Gardner. 2,371,212; Mar. 13.
Shellac-polyglycol reaction products and making same. W. H. Gardner and H. H. Bassford, Jr. 2,387,388; Oct. 23.
Shellac product and making same, Modified. H. H. Bassford, Jr. 2,387,049; Oct. 16.
Shellac salts, Preparing neutral. H. H. Bassford, Jr. 2,386,421; Oct. 9.
Sheller, Corn. C. F. Crumb and E. R. Gerber. 2,380,295; July 10.
Shelling and shredding machine, Corn. J. A. Erickson. 2,382,040; Aug. 14.
Shelves for deep refrigerators, Gliding. H. Kuckel. 2,382,160; Aug. 14.
Shelving for refrigerators and the like, Revolving. W. E. Wilson. 2,380,005; July 10.
Shelving structure, Knock-down. C. Rosenthal. 2,366,676; Jan. 2.
Shelving, Wooden. J. E. Bales. 2,375,726; May 8.
Shield and accessories accommodation bib, Combination protective. G. D. Brown. 2,378,380; June 19.
Shield, Antisplash. C. F. Norlin. 2,368,375; Jan. 30.
Shield, Armored ventilating. V. R. Abrams. 2,376,331; May 22.
Shield assembly for air scoops or the like. W. H. Hunter. 2,389,313; Nov. 20.
Shield, Battery and magneto switch. A. Hallett. 2,377,628; June 5.
Shield, Collet. J. L. Hite. 2,376,594; May 22.
Shield, Corn protector. F. P. Donnelly. 2,389,032; Nov. 13.
Shield, Dress. F. Chernoff. 2,373,947; Apr. 17.
Shield, Eye. J. R. Wylde and R. G. Perry. 2,389,707; Nov. 27.
Shield for cameras, Light. W. L. Wright. 2,373,936; Apr. 17.
Shield for foundation garments, Detachable. E. R. Sutter. 2,377,050; May 29.
Shield for foundation garments, Detachable. E. R. Sutter. 2,379,762; July 3.
Shield for grinders, Curved eye. S. A. Brown. 2,368,109; Jan. 30.
Shield for incandescent lamps, Heat. L. A. McNabb. 2,385,526; Sept. 25.
Shield for mercury vapor lamps. J. E. Roberts. 2,366,216; Jan. 2.
Shield for threshing machines, Feed-back. J. S. Bellig. 2,366,828; Jan. 9.
Shield, Glare. T. N. Bourke and G. Stroh, Jr. 2,370,521; Feb. 27.
Shield, Safety nonglow cigarette or cigar. T. F. Halloran. 2,366,686; Jan. 2.
Shield, Spark plug. J. W. Fitz Gerald. 2,382,984; Aug. 21.
Shield, Toe protecting. A. W. Whiteford. 2,367,814; Jan. 23.
Shield, Torpedo deflecting. E. Hegewald. 2,376,055; May 15.
Shielded spark plug. E. O. Setterblade. 2,368,889; Feb. 6.
Shielding device. G. Wolkenhauer. 2,373,214; Apr. 10.
Shielding, Inductive heating coil. L. W. Gregory and S. S. Schneider. 2,381,278; Aug. 7.
Shielding wire in unlimited lengths, Continuously. N. H. Jack. 2,386,119; Oct. 2.
Shields, Making flexible protective. L. J. Strobino. 2,367,446; Jan. 16.
Shiftable cowl fastener. F. E. Johnson. 2,380,895; July 31.
Shingle. S. S. Staley, Jr. 2,373,718; Apr. 17.
Shingle, Composition. J. T. Barrett. 2,376,024; May 15.
Shingle construction, Strip. R. G. Badeau. 2,390,682; Dec. 11.
Shingle cutter. L. W. Norton. 2,372,512; Mar. 27.
Shingle or tile, Roofing. G. B. Booth. 2,380,398; July 31.
Shingle, Strip. J. A. Murray. 2,378,027; June 12.
Ship. G. R. Harrison. 2,385,985; Oct. 2.
Ship. J. E. Sykes. 2,374,467; Apr. 24.
Ship builder's work assembling and aligning jack. W. G. Bryant. 2,372,547; Mar. 27.
Shipbuilding. C. P. Bedford. 2,368,442; Jan. 30.
Shipbuilding. R. F. Smith. 2,379,250; June 26.
Ship construction. M. F. Gunning. 2,379,295; June 26.
Ship construction. J. Loewenstein. 2,378,566; June 19.
Ship construction, Composite. C. P. Cueni. 2,370,940; Mar. 6.
Ship drive and maneuvering control system. C. H. Pike and H. R. Heinzen. 2,386,391; Oct. 9.
Ship, Fish and fish processing. W. S. Johnston. 2,377,693; June 5.

Ship for watercrafts, Mother. W. W. Reedy. 2,370,916; Mar. 6.
Ship launching means. C. M. Hines. 2,367,580; Jan. 16.
Ship locator and raising device. J. F. Prows. 2,373,502; Apr. 10.
Ship, Mother. L. V. Bell. 2,386,650; Oct. 9.
Ship propulsion system, Stability controlled. W. Schaelchlin and E. H. Hornbarger. 2,381,313; Aug. 7.
Ship protection. L. E. Whiton. 2,379,266; June 26.
Ship, Sectional. P. Thiel, Jr. 2,369,265; Feb. 13.
Ship structure. E. F. Moroney. 2,382,499; Aug. 14.
Ship to pier gangway. C. A. Haynes. 2,372,574; Mar. 27.
Shipper mechanism for excavating shovels. R. A. Beckwith. 2,388,305; Nov. 6.
Shipping and display, high pack container. J. A. McCormick. 2,382,891; Aug. 14.
Shipping box. J. E. and J. M. Borah. 2,377,125; May 29.
Shipping container. B. J. Davidson. 2,367,008; Jan. 9.
Shipping container. G. A. Moore. 2,381,508; Aug. 7.
Shipping container. F. O. Wright. 2,369,099; Feb. 6.
Shipping container and making same, Reinforced. C. G. Jones and W. F. Van de Venter. 2,366,532; Jan. 2.
Shipping cradle and assembly support. B. Kreuter and D. G. Duryea. 2,366,337; Jan. 12.
Shipping structure. P. W. Milburn and W. D. Adamson. 2,368,862; Feb. 6.
Shipping structure. P. W. Milburn and W. D. Adamson. 2,377,023; May 29.
Ships, Construction of. L. Newham. 2,374,229; Apr. 24.
Ships, Prefabricating. C. P. Bedford. 2,368,441; Jan. 30.
Shirt. J. L. Corbi. 2,387,060; Oct. 16.
Shirt. I. L. Freedman. 2,375,779; May 15.
Shirt. A. Powell. 2,385,729; Sept. 25.
Shirt. W. Solomon. 2,369,416; Feb. 13.
Shirt case. N. I. Paulsen. 2,371,841; Mar. 20.
Shirt folder table. R. J. Rieck. 2,369,607; Feb. 13.
Shirt protecting device. R. Guyer and R. J. Hennessey. 2,377,776; June 5.
Shock absorber. E. L. Beecher. 2,369,007; Feb. 6.
Shock absorber. E. L. Beecher. 2,369,008; Feb. 6.
Shock absorber. G. E. Dath. 2,373,813; Apr. 17.
Shock absorber. G. E. Dath. 2,375,897; May 15.
Shock absorber. G. E. Dath. 2,390,205; Dec. 4.
Shock absorber. N. S. Focht. 2,366,248; Jan. 2.
Shock absorber. N. S. Focht. 2,381,532; Aug. 7.
Shock absorber. W. A. Geiger. 2,389,304; Nov. 20.
Shock absorber. D. F. Linsley. 2,378,417; June 19.
Shock absorber. S. D. Miteref. 2,375,377; May 8.
Shock absorber. E. F. Rossman. 2,379,750; July 3.
Shock absorber. C. Sauzedde. 2,380,191; July 10.
Shock absorber. J. R. Snyder. 2,373,508; Apr. 10.
Shock absorber. P. W. Thornhill. 2,367,977; Jan. 23.
Shock absorber. P. W. Thornhill. 2,372,137; Mar. 20.
Shock absorber and hydraulic brake fluid, Making. G. G. Lamb. 2,366,794; Jan. 9.
Shock absorber bearing. E. Morf. 2,372,972; Apr. 3.
Shock absorber, Combined spring and friction. S. B. Haseltine. 2,386,895; Oct. 16.
Shock absorber for loading devices, Bucket. A. R. Henry. 2,385,987; Oct. 2.
Shock absorber for parachutes. R. Hart. 2,386,395; Oct. 9.
Shock absorber, Friction. G. E. Dath. 2,391,618; Dec. 25.
Shock absorber, Friction. W. A. Geiger. 2,386,107; Oct. 2.
Shock absorber, Friction. S. B. Haseltine. 2,379,078; June 26.
Shock absorber, Friction. S. B. Haseltine. 2,382,563; Aug. 14.
Shock absorber, Friction. S. B. Haseltine and G. E. Dath. 2,384,091; Sept. 4.
Shock absorber, Oleo-pneumatic. C. J. Underwood. 2,388,885; Nov. 13.
Shock absorber sealing means, Hydraulic. H. L. Chisholm, Jr. 2,377,674; June 5.
Shock absorbing device. C. F. Sponsler. 2,387,689; Oct. 23.
Shock absorbing mechanism. E. H. Lehman. 2,366,201; Jan. 2.
Shock absorbing mechanism, Friction. G. E. Dath. 2,370,291; Feb. 27.
Shock absorbing mechanism, Friction. G. E. Dath. 2,390,207; Dec. 4.
Shock absorbing mechanism, Friction. E. H. Lehman. 2,389,262; Nov. 20.
Shock absorbing mechanism, Friction. R. J. Olander. 2,369,793; Feb. 20.
Shock-absorbing means especially suitable for use with typewheels in printing apparatus. R. D. Salmon. 2,382,668; Aug. 14.
Shock absorbing means for aircraft landing gear. R. Laraque. 2,378,712; June 19.
Shock mounting instrument. R. L. Triplett. 2,367,449; Jan. 16.
Shockproof switch. W. H. Schymik. 2,385,304; Sept. 18.
Shock responsive latching device. R. B. Immel and F. Sumner. 2,382,995; Aug. 21.
Shoe. G. Anson. 2,368,960; Feb. 6.
Shoe. D. J. Calderazzo. 2,380,577; July 31.
Shoe. D. J. Calderazzo. 2,391,083; Dec. 18.
Shoe. J. H. Everston. 2,383,052; Aug. 21.
Shoe. J. P. Famolare. 2,386,786; Oct. 16.
Shoe. R. E. Freeman. 2,371,751; Mar. 20.
Shoe. F. N. La Chapelle. 2,388,333; Nov. 6.
Shoe. A. Levin. 2,385,289; Sept. 18.
Shoe. A. Moskowitz and W. S. Millus. 2,391,437; Dec. 25.
Shoe. C. Strasnick. 2,379,384; June 26.
Shoe. E. Tambini. 2,382,272; Aug. 14.
Shoe. S. B. Vaisey. 2,385,743; Sept. 25.
Shoe, Airplane propeller deicer. R. W. Brown. 2,381,381; Aug. 7.
Shoe and making same. J. W. Barna. 2,390,042; Dec. 4.
Shoe and outsole therefor, and making the same. J. Gregg. 2,391,564; Dec. 25.
Shoe and making same. O. Fern. Re. 22,695; Nov. 27.
Shoe and making. C. Laganas. 2,368,308; Jan. 30.
Shoe and making same. A. Moskowitz. 2,377,570; June 5.
Shoe and making same. J. F. Smith. 2,375,390; May 8.
Shoe and making the same, Ornamental. L. Sabo. 2,383,514; Aug. 28.
Shoe and manufacturing the same. A. Moskowitz. 2,371,703; Mar. 20.
Shoe and outsole therefor. R. Caltabiano. 2,369,531; Feb. 13.
Shoe and producing same. A. Sanchioni. 2,386,911; Oct. 16.
Shoe and producing the same. H. Gordon. 2,369,226; Feb. 13.
Shoe and welt therefor. W. C. Wright. 2,390,485; Dec. 4.
Shoe, Arch supporter. W. Grebow. 2,389,148; Nov. 20.
Shoe assembly, Trail. A. P. Buquor. 2,379,621; July 3.
Shoe binding. M. E. Duckoff. 2,377,216; May 29.
Shoe bottom finishing machine. E. I. La Chapelle. 2,371,301; Mar. 13.
Shoe cap of plastic material, Attachable. J. Karp. 2,380,050; July 10.
Shoe construction. O. G. Beestrum. 2,384,431; Sept. 11.
Shoe construction. J. Binder. 2,383,585; Aug. 28.
Shoe construction. W. Braun. 2,380,146; July 10.
Shoe construction. W. Hoy. 2,388,744; Nov. 13.
Shoe construction. C. A. Julianelli. 2,384,927; Sept. 18.
Shoe construction. S. P. Lovell and F. H. Russell. 2,373,404; Apr. 10.
Shoe construction. A. Sterzik. 2,367,537; Jan. 16.
Shoe construction. J. Q. Strong. 2,377,460; June 5.
Shoe construction, Flexible welt. W. C. Wright. 2,371,204; Mar. 13.
Shoe for cutter bars. H. D. Hume. 2,375,849; May 15.
Shoe, Friction. R. B. Cottrell. 2,366,957; Jan. 9.
Shoe-heel construction. E. Pipitone. 2,374,954; May 1.
Shoe heel, Cushioned. W. E. Stout. 2,370,880; Mar. 6.
Shoe holder. J. E. Persinger. 2,383,678; Aug. 28.
Shoe, Horse. R. C. Mitchell. 2,381,177; Aug. 7.
Shoe, Ironing. A. H. Happe. 2,372,270; Mar. 27.
Shoe last. M. G. Stratton. 2,370,502; Feb. 27.
Shoe machine. F. Ashworth. 2,388,244–5; Nov. 6.
Shoe machine. B. Jorgensen. 2,391,461; Dec. 25.
Shoe machine, Automatic. E. J. Ray. 2,368,878; Feb. 6.
Shoe machinery. C. L. Logemann. Re. 22,676; Sept. 25.
Shoemaking. A. Cocozella. 2,370,937; Mar. 6.
Shoemaking. B. F. Lee. 2,381,356; Aug. 7.
Shoemaking. H. G. Lumbard. 2,391,789; Dec. 25.
Shoemaking. R. M. Sichère. 2,385,307; Sept. 18.
Shoe or similar footwear. W. L. Gould. 2,379,000; June 26.
Shoe, Plastic. M. P. Riesing. 2,381,389; Aug. 7.
Shoe sole and heel, Threaded. A. C. Fellman. 2,383,117; Aug. 21.
Shoe sole construction. S. L. Kleven. 2,368,845; Feb. 6.
Shoe sole construction. S. L. Kleven. 2,370,905; Mar. 6.
Shoe stiffener and making the same. E. L. Beckwith and A. P. Swett. 2,390,347; Dec. 4.
Shoe structure. H. Marx. 2,367,232; Jan. 16.
Shoe structure. H. Marx. 2,368,314; Jan. 30.
Shoe toe lifter. B. J. Clausen. 2,378,899; June 26.
Shoe toe, Safety. B. Handelsman. 2,381,280; Aug. 7.
Shoe, Track. H. A. Knox. 2,389,156; Nov. 20.
Shoe, Track. H. A. Knox. 2,389,438; Nov. 20.
Shoe, Track. H. A. Knox. 2,390,542; Dec. 11.
Shoe tree. A. Atlass. 2,381,419; Aug. 7.
Shoe tree. G. Clausing. 2,372,551; Mar. 27.
Shoe tree. G. R. Harrison. 2,371,690; Mar. 20.
Shoe tree. H. F. Loewer. 2,376,926; May 29.
Shoe tree. A. Suszholz. 2,378,337; June 12.
Shoe tree, Full-form. H. F. Loewer and L. W. Brown. 2,375,931; May 15.
Shoes, Decorating. H. H. Hoffman. 2,369,899; Feb. 20.
Shoes, Lasting. J. S. Kamborian. 2,387,028; Oct. 16.
Shoes, Lasting. A. L. Russell. 2,373,264; Apr. 10.
Shoes, Making. W. C. Card, Jr. 2,377,208; May 29.
Shoes, Making. S. Gallo. Re. 22,667; Aug. 21.
Shoes, Making. J. T. Hindes. 2,377,421; June 5.
Shoes, Making platform. W. P. LeRette. 2,381,503; Aug. 7.
Shoes, Manufacture of. V. F. Harrington. 2,378,010; June 12.
Shoes, Method of and machine for assembling and sewing moccasin type. F. Ashworth. 2,366,703; Jan. 9.
Shoes, Method of and means for lasting. M. F. Ashley and T. J. Ryan. 2,379,059; June 26.
Shore. A. H. Symons. 2,368,385; Jan. 30.
Short time interval meter. H. L. Clark. 2,377,757; June 5.

Shorts. J. A. Goldfarb and E. J. Moore. 2,384,165; Sept. 4.
Shoulder pad. A. A. Vanasse. 2,385,315; Sept. 18.
Shoulder pad blanks, Method of and apparatus for fabricating. I. Rothenberg, S. Kagen, and S. J. Gurewitz. 2,389,934; Nov. 27.
Shouldered transfer chain. J. W. Bigelow. 2,366,380; Jan. 2.
Shoulders on conducting members, Forming. J. A. Spencer. 2,366,756; Jan. 9.
Shovel and conveyer, Power. G. O. Fitch. 2,384,242; Sept. 4.
Shovel and loading device, Power. R. Heath. 2,385,512; Sept. 25.
Shovel, crane, and the like, Mobile power. R. H. Zellman and A. Smythe. 2,380,626; July 31.
Shovel, crane, and the like, Power. R. H. Zellman and A. Smythe. 2,380,625; July 31.
Shovel loader, Dipper. R. A. Beckwith. 2,366,480; Jan. 2.
Shovel, Power. J. C. Johnson and W. R. Milner. 2,377,786; June 5.
Shower enclosure. L. H. Lehman. 2,374,490; Apr. 24.
Shredding materials, Method and device for. J. L. Hutchings. 2,378,481; June 19.
Shuttlecock machine. W. E. Humphrey. Re. 22,691; Nov. 13.
Shutter, Aerial camera. W. A. Riddell. 2,367,526; Jan. 16.
Shutter, Automatic. C. C. Fuerst. 2,382,623; Aug. 14.
Shutter, Automatic welding visor. W. B. Zimmerman, W. A. Martin, and J. Chisik. 2,384,517; Sept. 11.
Shutter, Camera. T. McG. Aiken. 2,391,377; Dec. 25.
Shutter, Camera. C. C. Fuerst. Re. 22,608; Feb. 27.
Shutter, Camera. C. C. Fuerst. 2,382,624; Aug. 14.
Shutter, Camera. C. C. Fuerst. 2,384,615; Sept. 11.
Shutter, Camera. L. Hammond. 2,383,381; Aug. 21.
Shutter controlling device. S. Vernet. 2,368,182; Jan. 30.
Shutter for motion picture projectors, Safety. H. N. Fairbanks and V. H. Jungjohann. 2,369,448; Feb. 13.
Shutter, High-speed. W. A. Riddell. 2,384,639; Sept. 11.
Shutter, Light. E. C. Guedon. 2,390,216; Dec. 4.
Shutter, Photographic. A. Simmon and L. L. Weisglass. 2,371,072; Mar. 6.
Shutter release. D. C. Harvey. 2,391,157; Dec. 18.
Shuttering for use in building structures of concrete or like material. P. N. Oldreive. 2,374,300; Apr. 24.
Shuttle. J. G. Allen and A. Villani. 2,385,048; Sept. 18.
Shuttle. C. D. Brown. 2,385,756; Sept. 25.
Shuttle. J. K. Dudley. 2,381,042; Aug. 7.
Shuttle. W. J. Gosselin. 2,387,438; Oct. 23.
Shuttle. H. Menking. 2,385,718; Sept. 25.
Shuttle, Automatic threading. E. C. Nichols. 2,379,650; July 3.
Shuttle brush. J. A. Matson. 2,371,701; Mar. 20.
Shuttle car. C. E. Andersbock. 2,375,063; May 1.
Shuttle car. W. R. Beck. 2,370,441; Feb. 27.
Shuttle car. E. J. Doberstein. 2,372,475; Mar. 27.
Shuttle car. A. L. Lee. 2,381,672; Aug. 7.
Shuttle feeler tip. E. P. Sheetz and A. J. Chagnon. 2,385,034; Sept. 18.
Shuttle, Loom. C. D. Brown. 2,381,333; Aug. 7.
Shuttle, Loom. J. B. Daudelin and R. J. Messier. 2,377,925; June 12.
Shuttle, Loom. H. E. Goff and W. F. Daboll. 2,377,079; May 29.
Shuttle, Tatting. L. A. Silliman. 2,366,568; Jan. 2.
Sickle, Sweep. B. G. Reinke. 2,378,657; June 19.
Side drive for rear wheels. A. Boynton. 2,372,657; Apr. 3.
Side milling cutter. B. D. Horth. 2,381,540; Aug. 7.
Siding cutter. F. A. Odian. 2,378,428; June 19.
Siding material. W. H. Davis. 2,376,907; May 29.
Sifter closure. R. Nyden. 2,366,644; Jan. 2.
Sifting apparatus. R. V. Ward. 2,384,715; Sept. 11.
Sight. H. M. Brading. 2,379,301; June 19.
Sight for firearms, Front. E. M. Harvey. 2,380,965; Aug. 7.
Sight for firearms, Rear. J. C. Garand. 2,370,654; Mar. 6.
Sight for gliding torpedoes, Computing. M. F. Bates. 2,383,952; Sept. 4.
Sight for guns. C. D. Macgill. 2,377,797; June 5.
Sight glass assembly. G. Steven. 2,374,142; Apr. 17.
Sight, Lead compensated. J. E. Reierson. 2,386,262; Oct. 9.
Sight, Muzzle mounted bore. L. H. Brown. 2,383,466; Aug. 28.
Sighting and control apparatus for military devices. J. C. Slonneger. 2,368,606; Feb. 20.
Sighting device. J. R. Auflero. 2,377,064; May 29.
Sighting device. J. H. Eagle, H. W. Dirksen, and W. D. Orser. 2,374,475; Apr. 24.
Sighting instrument. B. L. Leeds. 2,378,937; June 26.
Sign: *See*—
Changeable price sign. Display sign.
Sign. M. C. G. Moller. 2,376,932; May 29.
Sign. G. P. Murphy. 2,383,881; Aug. 28.
Sign and making it, Light reflecting. F. L. Michaels. 2,377,508; June 5.
Sign construction. E. S. Schenkel. 2,372,124; Mar. 20.
Sign device. L. A. Tarbox. 2,383,024; Aug. 21.
Sign display frame. W. B. Morin, Jr., and O. R. Jorden. 2,372,387; Mar. 27.
Signal: *See*—
Audible signal. Road sign or signal.
Chime signal. Stoker signal.
Code calling signal. Theft signal.
Daylight floating smoke signal. Thief signal.
Indicating signal. Traffic signal.
Light signal. Vehicle direction indicating signal.
Magnetic signal. Vehicle signal.
Signal apparatus, Airport landing. A. G. Liebmann. 2,390,109; Dec. 4.
Signal controlled printing apparatus. H. L. Tholstrup. 2,388,351; Nov. 6.
Signal device. W. F. Scheld and R. I. Weldaw. 2,376,278; May 15.
Signal device, Engine room. P. A. Heist. 2,368,300; Jan. 30.
Signal device for aircraft, etc., Distress. E. I. Fenton. 2,380,587; July 31.
Signal for electric bridge measurements. J. E. Nielsen. 2,369,070; Feb. 6.
Signal device for lifesaving equipment, Illuminated. H. A. S. van Daalen. 2,377,194; May 29.
Signal device, Motor traffic control. G. H. McClellan. 2,375,121; May 1.
Signal discharger, Multiple. C. McInnes, Jr. 2,389,162; Nov. 20.
Signal for railroads, Light. O. S. Field. 2,376,534; May 22.
Signal interrupter. D. H. Nelson and W. D. Buckingham. 2,375,811; May 15.
Signal light. O. Stam. 2,367,444; Jan. 16.
Signal modulation means. M. Morrison. 2,380,667; July 31.
Signal or alarm device for projecting machines. C. C. Clark. 2,375,197; May 8.
Signal receiver, Alternating current. A. A. Lundstrom. 2,387,671; Oct. 23.
Signal receiving and reproducing system. R. M. Sprague. 2,378,373; June 12.
Signal recording and reproducing method. G. C. Sziklai. 2,373,273; Apr. 10.
Signal recording-reproducing device, Transient. J. P. Arndt, Jr. 2,378,383; June 19.
Signal reproducing apparatus. H. W. Becker. 2,389,949; Nov. 27.
Signal reproducing apparatus. C. R. Miner. 2,370,564; Feb. 27.
Signal translating apparatus. H. F. Olson. 2,390,847; Dec. 11.
Signal translating device. H. H. Bruderlin. 2,388,116; Oct. 30.
Signal transmission system. A. C. Dickieson. 2,387,652; Oct. 23.
Signal switch. T. E. Story. 2,375,393; May 8.
Signal system. C. Smith. 2,384,352; Sept. 4.
Signal system, Highway crossing. W. C. Alexander. 2,366,690; Jan. 9.
Signal system, Supervisory. A. L. Brown. 2,370,445; Feb. 27.
Signal system, Watchman's. E. A. Schachinger. 2,376,389; May 22.
Signal translating apparatus. C. M. Sinnett. 2,376,456; May 22.
Signal transmission system. D. G. C. Hare. 2,379,800; July 3.
Signal transmission system. E. W. Kenefake and F. M. Rives. 2,367,947; Jan. 23.
Signal transmission system. R. M. Sprague. 2,372,344; Mar. 27.
Signaling. C. W. Hansell. 2,388,052; Oct. 30.
Signaling apparatus. J. T. Neiswinter. 2,367,042; Jan. 9.
Signaling apparatus, Railway. H. A. Talbert and C. E. Staples. 2,390,010; Nov. 27.
Signaling apparatus, Variable intensity light. R. E. and D. E. Stark. 2,389,649; Nov. 27.
Signaling carrier system with relaying protection, Multiple. H. W. Haberl. 2,387,146; Oct. 16.
Signaling device. G. E. Atkins. 2,385,339; Sept. 25.
Signaling device. A. D. Baker. 2,391,669; Dec. 25.
Signaling device. J. P. Knipp. 2,371,526; Mar. 13.
Signaling device, Blinker. B. A. Diller. 2,376,586; May 22.
Signaling device, Blinker. S. Gold. 2,377,414; June 5.
Signaling device, Blinker. J. V. Horr. 2,377,345–6; June 5.
Signaling device, Electric. A. Edelman. 2,386,942; Oct. 16.
Signaling, Low frequency. H. B. Deal. 2,388,531; Nov. 6.
Signaling, Method of and apparatus for. K. Kohn. 2,389,786; Nov. 27.
Signaling or advertising device. A. Zuckermann. 2,384,869; Sept. 18.
Signaling plant for vehicle traffic, Electric. B. Jobin. 2,386,866; Oct. 16.
Signaling Railway. G. R. Pfasterer. 2,366,802–3; Jan. 9.
Signaling system. J. H. Cook. 2,390,992; Dec. 18.
Signaling system. A. P. Cotton. 2,371,506; Mar. 13.
Signaling system. "R." L. Hollingsworth. 2,382,567; Aug. 14.
Signaling system. L. H. Johnson. 2,373,188; Apr. 10.

Signaling system. C. E. Lomax. 2,384,938; Sept. 18.
Signaling system. A. S. Martins. 2,371,972; Mar. 20.
Signaling system. R. F. Massonneau. 2,373,134; Apr. 10.
Signaling system. R. F. Massonneau. 2,379,093; June 26.
Signaling system. O. J. Murphy and N. D. Newby. 2,367,485; Jan. 23.
Signaling system. N. D. Newby. 2,367,518; Jan. 16.
Signaling system. N. D. Newby and H. E. Vaughan. 2,374,584; May 1.
Signaling system. K. W. Pfleger. 2,367,522; Jan. 16.
Signaling system. K. W. Pfleger. 2,384,336; Sept. 4.
Signaling system. H. M. Pruden. 2,367,792; Jan. 23.
Signaling system. C. S. Rhoads. 2,367,054; Jan. 9.
Signaling system. C. S. Rhoads. 2,376,275; May 15.
Signaling system. H. H. Schneckloth. 2,372,022; Mar. 20.
Signaling system. E. M. Staples, E. R. Taylor, and H. J. Michael. 2,383,347; Nov. 6.
Signaling system. H. E. Vaughan. 2,375,053; May 1.
Signaling system. J. G. Walsh. 2,368,056; Jan. 23.
Signaling system, Coded railway. A. L. Jerome. 2,389,982; Nov. 27.
Signaling system, Coded track circuit. F. X. Rees. 2,378,525; June 12.
Signalling system, Electrical carrier wave. F. Fairley. 2,370,853; Mar. 6.
Signaling system, Facsimile. F. P. Mason. 2,368,369; Jan. 30.
Signaling system, Facsimile. C. J. Young. 2,386,997; Oct. 16.
Signaling system, Power line. H. B. Deal. 2,388,530; Nov. 6.
Signaling system, Remote. L. D. White. 2,380,282; July 10.
Signaling system, Secret. M. Morrison. 2,374,495; Apr. 24.
Signaling system, Selective. L. M. Potts. 2,375,383; May 8.
Signaling system, Selective. J. F. Torpie. 2,375,048; May 1.
Signals on a loop antenna, Reception of. C. G. Sontheimer and R. S. Doak. 2,375,593; May 8.
Signals to start stop signals, Conversion of synchronous type. R. E. Mathes. 2,389,675; Nov. 27.
Signals to synchronous type signals and vice versa, Conversion of start stop. R. E. Mathes. 2,373,970; Apr. 17.
Silencer and solid particle separator. R. L. Leadbetter. 2,389,988; Nov. 27.
Silencer, Valve stem. A. Pastore. 2,380,673; July 31.
Silent type chain. D. B. Perry. 2,379,825; July 3.
Silica chromium oxide catalytic materials. R. F. Ruthruff. 2,382,581; Aug. 14.
Silica from nonmetallic ores by froth flotation, Removal of. H. J. Christmann. 2,368,968; Feb. 6.
Silica, Making finely divided. P. S. Moyer. 2,386,337; Oct. 9.
Silicane and preparing the same, Tetra-allyl. E. L. Kropa. 2,388,161; Oct. 30.
Silicate coated article and making same. H. M. Marc and H. Greider. 2,372,285; Mar. 27.
Silicate manufacturing lead. R. L. Hallows and F. B. Barrett. 2,366,255; Jan. 2.
Silicates into basic products, Converting hydrous magnesian. H. R. Brandenburg. 2,384,008; Sept. 4.
Silicates, Multiple base exchange. C. C. Winding. 2,368,510; Jan. 30.
Silicic acid sols. J. S. Kirk. 2,383,653; Aug. 28.
Silicon compounds and making them, Organo. R. F. Fleming, Jr. 2,386,452; Oct. 9.
Silicon steel sheet stock having insulative surfaces, Production of. V. W. Carpenter, S. A. Bell, and J. E. Heck. 2,385,332; Sept. 25.
Silk, Method and composition for delustering artificial. J. Werner. 2,390,975; Dec. 11.
Silo and making same. C. F. Moose. 2,377,956; June 12.
Silo door. M. Goldbeck. 2,367,720; Jan. 23.
Silver-thallium bearing. F. R. Hensel. 2,375,224; May 8.
Simplified auxiliary wheel and tire carrier. K. C. Clark. 2,378,911; June 26.
Simplified brake valve. R. E. Middleton. 2,380,663; July 31.
Sine plate angle wheel dresser. A. E. Wisne. 2,378,743; June 19.
Single stringer separable fastener. L. H. Morin. 2,378,719; June 19.
Single throw hill and valley switch. R. Hetherington. 2,386,162; Oct. 2.
Sink construction. V. R. O'Brien. 2,391,034; Dec. 18.
Sinker. C. L. Page. 2,378,946; June 26.
Sinker head for knitting machines. A. L. Brumbach. 2,384,451; Sept. 11.
Sinkhead, Low volume. W. M. Charman and B. F. Anthony. 2,390,500; Dec. 11.
Sinter treating means. E. W. Shallock. 2,367,063; Jan. 9.
Sintering apparatus. L. Gelbman. 2,386,393; Oct. 9.
Sintering machine. M. L. Cover. 2,379,418; July 3.
Sintering machine. E. W. Shallock. 2,391,199; Dec. 18.
Siren. F. C. Millard. 2,367,233; Jan. 16.
6-Amino nicotinamide derivatives. W. Braker and E. Pribyl. 2,381,873; Aug. 14.
Six wheel motor vehicle. H. C. Harbers. 2,378,704; June 19.
Sizing and finishing compositions. F. G. La Piana and H. S. Bosland. 2,385,714; Sept. 25.
Sizing compositions and making them, Textile. J. B. Rust. 2,386,144; Oct. 2.
Sizing machine. W. O. Benning. 2,373,941; Apr. 17.
Sizing, Pneumatic. E. C. Truesdale. 2,389,701; Nov. 27.
Skate, Combination ice and roller. R. E. Paystrup. 2,377,366; June 5.
Skate, Roller. E. G. Blaes. 2,373,220; Apr. 10.
Skate-scooter. B. W. Moller. 2,366,866; Jan. 9.
Skelp welding unit with rolls. J. L. Anderson. 2,371,209; Mar. 13.
Sketching outfit. C. F. Glinecki. 2,372,077; Mar. 20.
Skewing arrangement for gantry frames. R. W. Crist. 2,366,598; Jan. 2.
Ski. A. D. Andreef. 2,369,004; Feb. 6.
Ski. O. A. Erickson. 2,387,061; Oct. 16.
Ski. C. P. Ruhme. 2,382,335; Aug. 14.
Ski and making same. H. E. Johnson. 2,375,994; May 15.
Ski binding, Safety. A. McIlvaine. 2,373,128; Apr. 10.
Ski-climber. A. H. Pape. 2,375,943; May 15.
Ski-fitting. J. Eigenheer. 2,382,783; Aug. 14.
Ski, Folding. B. W. Svensson. 2,375,504; May 8.
Ski, Hinged. H. Sarthou. 2,390,181; Dec. 4.
Ski, Metal. B. Lermont. 2,377,504; June 5.
Ski pole construction. R. C. Taft. 2,387,194; Oct. 16.
Ski press. W. F. Poor. 2,384,850; Sept. 18.
Ski, Water. J. M. Hartman. 2,382,150; Aug. 14.
Ski, Water. C. L. Schatz. 2,389,001; Nov. 13.
Skimming and crowding device for flotation machines, Froth. N. Morash. 2,369,401; Feb. 13.
Skin assembling method and product. M. Schneider. 2,385,884; Oct. 2.
Skin clamp. D. H. Finkle. 2,383,928; Aug. 28.
Skin clamp-applying tool. E. L. Lipp. 2,373,193; Apr. 10.
Skin-covered structure, Metallic. M. Watter. 2,382,357; Aug. 14.
Skin fastener. P. F. Rossman. 2,369,410; Feb. 13.
Skin fastener. D. A. Seaver and P. E. Fenton. 2,382,508; Aug. 14.
Skin fastener. F. C. Wallace. 2,370,337; Feb. 27.
Skin friction of water by vibration, Reduction of the. A. Vang. 2,366,162; Jan. 2.
Skinner, Rotary fish. J. D. Hendrickson. 2,380,755; July 31.
Skins and hides, Bating. J. Pfannmuller, A. L. Schade, and H. Schleich. 2,373,410; Apr. 10.
Skins, Processing. E. F. Christopher. 2,371,875; Mar. 20.
Skins to metallic structures, Applying metallic. M. Watter. 2,382,356; Aug. 14.
Skip hoist control. G. Fox. 2,379,958; July 10.
Skirt and culotte, Convertible. L. Wolman and H. Deutsch. 2,368,189; Jan. 30.
Skirt construction. J. H. Rudolph. 2,388,341; Nov. 6.
Skis, Making. I. Marks. 2,371,305; Mar. 13.
Skiving machine. L. H. Bennion and W. A. Smart. 2,373,159; Apr. 10.
Slab, Floor. J. Roe. 2,379,595; July 3.
Slab, Mixing. S. C. Hoel. 2,369,898; Feb. 20.
Slack adjuster. C. C. Farmer. 2,381,212; Aug. 7.
Slack adjuster. C. S. Kelley. 2,376,489; May 22.
Slack adjusting device. E. A. Jenkins. 2,383,196; Aug. 21.
Slacks. M. E. Novak. 2,389,273; Nov. 20.
Slag removal. M. and M. Tama. 2,375,049; May 1.
Slag removing device for furnaces. W. G. Noack. 2,375,436; May 8.
Slashing platforms and insoles. L. G. Freeman, Jr. 2,380,227; July 10.
Sled. V. H. Czegka. 2,369,283; Feb. 13.
Sled. A. Habostad. 2,367,271; Jan. 16.
Sled, Coasting. M. A. Holbrook. 2,390,256; Dec. 4.
Sled, Power snow. E. M., E. M., Jr., and J. M. Tucker. 2,378,111; June 12.
Sleep cap. B. L. Corley. 2,367,459; Jan. 16.
Sleeping bag. J. L. Clark. 2,379,416; July 3.
Sleeping bag. S. R. Hinds. 2,368,220; Jan. 30.
Sleeping bag. B. Robinson. 2,378,434; June 19.
Sleeve construction. M. C. Schrank. 2,368,573; Jan. 30.
Sleeve ironer. R. A. Robbel. 2,375,947; May 15.
Sleeve packer, Open hole. M. O. Johnston, T. A. Andrew, A. M. Graham, and W. G. L. Smith. 2,390,372; Dec. 4.
Sleeve puller. E. H. Appel. 2,377,304; June 5.
Sleeve to a wire, Connecting a. B. Dibner. 2,375,741; May 8.
Sleeves, Facing. S. Touloumis. 2,384,216; Sept. 4.
Slicer, Apple. De S. E. Richardson. 2,383,814; Aug. 28.
Slicer, Fruit and vegetable. De S. E. Richardson. 2,378,502; June 19.
Slicing machine. T. A. Anderson. 2,370,705; Mar. 6.
Slicing machine. H. J. Criner. 2,388,725; Nov. 13.
Slicing machine. A. A. Kottman. 2,375,231; May 8.
Slicing machine. H. Thomas. 2,378,664; June 19.
Slide clip fastener. A. Boenecke. 2,370,613; Mar. 6.
Slide equipment, Projector. C. W. Zwirn. 2,371,666; Mar. 20.
Slide fastener. V. Cizek. 2,371,591; Mar. 13.
Slide fastener. S. H. Norton. 2,371,300; Mar. 13.
Slide fastener elements, Producing. M. Winterhalter. 2,366,948; Jan. 9.

Slide holder. L. Griswold. 2,373,392; Apr. 10.
Slide-lock device. E. C. Deal. 2,380,030; July 10.
Slide loop. G. H. Elwell. 2,388,316–17; Nov. 6.
Slide member for measuring and marking devices. C. J. Crane. 2,388,252; Nov. 6.
Slide operated fastener. G. Scher. 2,382,261; Aug. 14.
Slide projector apparatus. B. Stechbart and E. E. Strauss. 2,375,706; May 8.
Slide rule. J. E. Dietzgen. 2,369,819; Feb. 20.
Slide structure for drawers, shelves, and the like. G. V. Jakeway. 2,370,861; Mar. 6.
Sliders for slide fasteners, Making. M. Voity and G. A. Griffiths. 2,383,999; Sept. 4.
Sliders for slide fasteners, Making. M. Voity and G. A. Griffiths. 2,384,144; Sept. 4.
Sliders for slide fasteners, Manufacture of. R. Low. 2,372,837; Apr. 3.
Sliders for slide fasteners, Method, blank, and means for making. M. Voity and G. A. Griffiths. 2,384,145; Sept. 4.
Sliding door construction. B. J. Trifler. 2,378,666; June 19.
Sling fitting. R. W. Siler. 2,384,497; Sept. 11.
Slings to handle materials, Forming. H. D. Allerton. 2,385,338; Sept. 25.
Slip. M. M. Messing. 2,369,594; Feb. 13.
Slip clutch. M. J. Mitchell. 2,375,020; May 1.
Slip clutch. A. E. Young. 2,390,908; Dec. 11.
Slip conformator, Brassière. E. J. Espinosa. 2,370,852; Mar. 6.
Slip cover. T. Waranch. 2,373,071; Apr. 3.
Slip cover for furniture. W. D. Clark. 2,366,833; Jan. 9.
Slip indicator. S. A. Haverstick. 2,387,901; Oct. 30.
Slipper. E. Schwartz. 2,389,554; Nov. 20.
Slipper, I. B. Witlin. 2,383,100; Aug. 21.
Slipper, Snowshoe. E. C. Ruecker. 2,385,944; Oct. 2.
Slitter, Cable. W. A. Wilson. 2,373,868; Apr. 17.
Slitter, Weld rod. N. Hubbard. 2,379,907; July 10.
Slitting and scoring machine. H. L. Cohen. 2,377,130; May 29.
Slitting machine. W. M. Stocker. 2,367,974; Jan. 23.
Slitting machine, Meat. J. P. Spang. 2,380,371; July 10.
Slow break electric switch. R. H. Bentley. 2,366,474; Jan. 2.
Slow feed indicator. F. B. Harvuot. 2,388,843; Nov. 13.
Slow starting high speed wire drawing block. F. G. Mog, G. F. Wald, and S. C. Whiting. 2,368,153; Jan. 30.
Sludge, Removing dispersed Friedel-Crafts. F. L. Johnston and N. B. Wilson. 2,368,596; Jan. 30.
Sludge separator. H. A. Doerner. 2,380,097; July 10.
Slugger, Type slug low. C. W. and T. C. Curle, and R. F. Newton. 2,374,656; May 1.
Slur-preventing mechanism for printing presses. G. N. Krouse. 2,367,290; Jan. 16.
Slushing compositions. T. E. Sharp. 2,373,787; Apr. 17
Small electric machine tool. R. Schumann. 2,368,888; Feb. 6.
Smelter. F. G. Shaub and A. E. Jennens. 2,388,092; Oct. 30.
Smelter. K. L. Storrs. 2,374,713; May 1.
Smelting copper-lead drosses and the like. A. A. Collins. 2,381,970; Aug. 14.
Smoke box structure. Le R. Thompson. 2,384,407; Sept. 4.
Smoke purifier. F. H. Cullen. 2,366,700; Jan. 9.
Smokestack and flue-pipe adapter. F. F. Lalande. 2,374,489; Apr. 24.
Smokestack for movable power plants. V. G. Frisk. 2,366,511; Jan. 2.
Smoker's pipe. M. R. Wallace. 2,377,983; June 12.
Smoking appliance. M. B. Brand. 2,373,993; Apr. 17
Smoking device. L. C. Benedict. 2,378,175; June 12.
Smoking device. R. C. Zuckerman. 2,387,381; Oct. 23.
Smoking pipe. N. Mikelson. 2,375,312; May 8.
Smoking pipe. A. Pasut. 2,377,445; June 5.
Smoking pipe. W. R. Richards. 2,366,215; Jan. 2.
Smoking pipe. J. Saminier. 2,377,379; June 5.
Smoking pipe. W. G. Swift. 2,385,312; Sept. 18.
Smoking pipe. L. T. Young. 2,373,525; Apr. 10.
Smudge pot generator. J. S. Hodges. 2,368,469; Jan. 30.
Smut remover and grain cleaner. H. Schmidt. 2,388,343; Nov. 6.
Snap-acting device. G. W. Bower. 2,388,951; Nov. 13.
Snap-acting switch. C. M. Osterheld. 2,383,414; Aug. 21.
Snap action constant level device. L. V. McCarty. 2,388,793; Nov. 13.
Snap action device. C. L. Martin. 2,387,402; Oct. 23.
Snap-action mechanism. R. H. Jordan. 2,374,435; Apr. 24.
Snap-action switch. T. Obszarny. 2,378,784; June 19.
Snap action switch. W. R. Peterson and A. G. Ford. 2,387,089; Oct. 16.
Snap-down bottom, flat-folded paperboard container. H. F. Waters. 2,385,898; Oct. 2.
Snap fastener. A. Boenecke. 2,368,100; Jan. 30.
Snap fastener. R. R. Clarke. 2,385,774; Oct. 2.
Snap fastener. W. H. Fitzgerald, Jr. 2,379,896; July 10.
Snap fastener. R. L. Hopkins. 2,371,295; Mar. 13.
Snap fastener. F. H. Peterson and R. R. Clarke. 2,385,880; Oct. 2.
Snap-in electric lamp plug. L. Frank. 2,372,266; Mar. 27.
Snap ring lock coupling. E. W. Baxter. 2,369,770; Feb. 20.
Snap spring. E. S. Boynton. 2,368,193; Jan. 30.
Snap switch. J. H. Horman. 2,391,238; Dec. 18.
Snatch block. A. G. Frankhouser. 2,382,049; Aug. 14.
Snatch block. W. H. McKissick and J. E. Fate, Jr. 2,366,636; Jan. 2.
Snatch block. G. S. Moore, Jr. 2,374,118; Apr. 17.
Snood. L. D. Després. 2,368,972; Feb. 6.
Snow hurler. J. Gotzlinger. 2,369,293; Feb. 13.
Snow, Making artificial. D. H. Crosser. 2,371,678; Mar. 20.
Snow plow. H. R., H. R., Jr., and L. E. Holmes. 2,376,250; May 15.
Snowplow. W. J. Lewin. 2,373,318; Apr. 10.
Snow plow. J. Wandscheer. 2,381,017; Aug. 7.
Snow plow apparatus. D. Shean and F. F. Zendek. 2,387,686; Oct. 23.
Snow-removal apparatus. W. M. Venable. 2,387,422–3; Oct. 23.
Snubber. A. W. Bruce. 2,389,840; Nov. 27.
Snubber. R. B. Cottrell. 2,379,626; July 3.
Snubber. L. A. Lehrman. 2,383,265; Aug. 21.
Snubber. D. M. Light. 2,366,918; Jan. 9.
Snubber. D. M. Light. 2,385,009; Sept. 18.
Snubber. D. M. Light. 2,388,229–30; Oct. 30.
Snubbing device. C. L. Sharpe. 2,370,921; Mar. 6.
Snuffer and snuffing. W. M. Irvin. 2,371,445; Mar. 13.
Soap and making same. M. H. Ittner. 2,377,424; June 5.
Soap and producing. P. H. Mosher. 2,376,499; May 22.
Soap and resulting product, Preserving. L. F. Henderson. 2,371,623; Mar. 20.
Soap composition. L. H. Flett. 2,390,295; Dec. 4.
Soap composition. L. Safrin. 2,388,767; Nov. 13.
Soap compositions, Preparing hydroxy heavy metal. A. Minich. 2,368,500; Jan. 30.
Soap dispenser. H. G. Mullett and E. D. Wachter, Jr. 2,376,551; May 22.
Soap dispenser. E. J. Scarry. 2,387,359; Oct. 23.
Soap, Hand. J. D. Compain. 2,373,460; Apr. 10.
Soap holder. H. W. Wild. 2,367,161; Jan. 9.
Soap manufacture. L. Auer. 2,382,531; Aug. 14.
Soap, Manufacture of. A. T. Scott. 2,369,257; Feb. 13.
Soap, Manufacture of. L. Sender. 2,369,372; Feb. 13.
Soap, Manufacturing. W. R. Trent. 2,383,631; Aug. 28.
Soap preparation. J. Ross. 2,381,368; Aug. 7.
Soap, Preparation of powdered. A. G. Houpt. 2,366,334; Jan. 2.
Soap preserver. M. C. White. 2,380,892; July 31.
Soap, Producing a floating. C. W. Kelley. 2,371,175; Mar. 13.
Soap product, Granular. D. R. Byerly. 2,388,632; Nov. 6.
Soap, Production of. W. R. Trent. 2,383,630; Aug. 28.
Soap products, Manufacture of. F. E. Joyce and E. J. Lindhardt. 2,382,063; Aug. 14.
Soap-resin solutions, Metallic. R. E. Madison. 2,374,446; Apr. 24.
Soap solutions, Stable nonviscous metallic. R. E. Madison. 2,374,447; Apr. 24.
Soaps and preparation thereof, Tin. S. B. Elliott 2,373,387; Apr. 10.
Soaps, Making metal. P. Hodges. 2,381,822; Aug. 7.
Soaps, Manufacture of. L. Auer. 2,382,530; Aug. 14.
Soaps, Preparation of basic heavy metal. H. Schiller. 2,389,873; Nov. 27.
Sock and making, Knitted. N. J. Allen. 2,372,468; Mar. 27.
Socket. A. J. Schmitt. 2,376,625; May 22.
Socket adaptations, Radio tube. H. O. Lorenzen. 2,377,893; June 12.
Socket, Adjustable caster. C. R. Nalle. 2,385,154; Sept. 18.
Socket, Connector. D. O. Hagedorn and E. Blanco. 2,385,915; Oct. 2.
Socket, Ejector. S. Mendelsohn. 2,384,327; Sept. 4.
Socket support for fluorescent light fixtures. I. I. Kloner. 2,376,363; May 22.
Socket wrench. R. J. Johnson. 2,381,597; Aug. 7.
Socket wrenches, Making. W. W. Hartman. 2,367,942; Jan. 23.
Sodium and potassium phosphates, Producing. H. S. Colton, R. L. Knowles, and R. W. Frischmuth. 2,387,746; Oct. 30.
Sodium bicarbonate, Manufacture of. W. McGeorge and F. H. Milner. 2,369,475; Feb. 13.
Sodium bicarbonate, Production of. S. G. Osborne. 2,383,674; Aug. 28.
Sodium chromate, Recovering. M. J. Udy. 2,388,775; Nov. 13.
Sodium heparinate, Preparation of. M. H. Kuizenga. 2,377,016; May 29.
Sodium perborate of low bulk density, Preparing. H. Nees. 2,380,779; July 31.
Sodium phosphate, Production of. G. E. Taylor. 2,390,400; Dec. 4.
Sodium salt of 4,4'-diaminodiphenylsulphone-N-N'-diglucosulphonic acid, Preparation of the. A. Demolis. 2,386,037; Oct. 2
Sodium sulphate and chlorine, Making. R. K. Iler and F. J. McAdam. 2,375,002; May 1.
Sodium sulfate and chlorine, Manufacture of. R. K. Iler. 2,375,000; May 1.

Softener of rubber and of synthetic rubber-like substances. A. R. Davis. 2,386,443; Oct. 9.
Soil correctives. A. C. Mohr. 2,390,264; Dec. 4.
Soil gas samples, Obtaining. W. M. Zaikowsky and H. W. Metcalf. 2,386,832; Oct. 16.
Soil resistivity and certain electrical characteristics associated with a buried pipeline, Measuring. G. N. Scott. 2,378,440; June 19.
Soil sampling apparatus. J. S. Harris. 2,382,992; Aug. 21.
Soil stabilization. A. B. Miller. 2,377,639; June 5.
Soil treatment. J. H. Payne. 2,377,446; June 5.
Soils, Stabilization of. A. B. Miller. 2,370,983; Mar. 6.
Soils, Stabilization of. A. B. Miller. 2,375,019; May 1.
Solar heater. H. A. Kezer. 2,382,722; Aug. 14.
Solar heater. R. H. Taylor. 2,388,940; Nov. 13.
Solder, Gold base brazing. F. R. Hensel. 2,374,995; May 1.
Solder, Package of. M. S. Sparks. 2,372,859; Apr. 3.
Solder, Silver. G. Durst. 2,374,183; Apr. 24.
Soldered or lead tool. H. Abramson. 2,380,138; July 10.
Soldering. A. M. MacFarland. 2,390,890; Dec. 11.
Soldering device. E. B. Burrell. 2,377,322; June 5.
Soldering fluxes. O. Horowitz. 2,379,234; June 26.
Soldering iron. A. B. Atkinson. 2,383,699; Aug. 28.
Soldering iron. S. Bergman. 2,382,390; Aug. 14.
Soldering machine. J. J. Kirby. 2,369,240; Feb. 13.
Soldering mechanism, Can. H. G. Hill. 2,371,170; Mar. 13.
Sole attaching press. K. W. Macdonald. 2,388,426; Nov. 6.
Sole chamfering machine. W. L. MacKenzie. 2,378,940; June 26.
Sole for footwear. D. D. Goldstein. 2,377,144; May 29.
Sole for footwear and footwear embodying the same. H. Ghez and O. Ghez. 2,370,301; Feb. 27.
Sole for footwear, Platform. I. F. Starner. 2,367,808; Jan. 23.
Sole for shoes and shoe embodying said sole, Pressed metal. H. Perrot. 2,371,912; Mar. 20.
Sole for shoes, Outer. B. Jayne. 2,374,487; Apr. 24.
Sole for shoes, Plastic. J. Burger. 2,367,481; Jan. 16.
Sole for shoes, Wooden. R. M. L. Issaly. 2,370,963; Mar. 6.
Sole roughing tool. W. S. Anderson. 2,390,633; Dec. 11.
Sole, Shoe. W. H. Doherty. 2,386,667; Oct. 9.
Sole, Shoe. H. Ghez and O. Ghez. 2,370,303; Feb. 27.
Sole structure for footwear. J. H. Flink. 2,379,139; June 26.
Solenoid construction. R. S. Miller and K. Seidel. 2,383,332; Aug. 21.
Solenoid construction. T. Obszarny. 2,383,411; Aug. 21.
Solenoid firing mechanism for machine guns. J. C. Koonz and L. E. Quinnell. 2,368,307; Jan. 30.
Solenoid, Gun firing. B. E. Shaw. 2,383,088; Aug. 21.
Solenoid initiating mechanism for machine guns or other devices. LaV. E. Quinnell and J. C. Koonz. 2,380,262; July 10.
Solenoid operated valve. W. Ernst and D. Cross. 2,374,593; Apr. 24.
Solenoid operated valve. G. W. Pontius, III, and A. P. Wilson. 2,379,181; June 26.
Solenoid speaker, Combination. B. A. Schwarz. 2,389,212; Nov. 20.
Solenoid trip butterfly valve. D. W. Hopkins. 2,382,720; Aug. 14.
Soles, Method and machine for attaching. L. J. Bazzoni. 2,384,003; Sept. 4.
Soles, Method of and machine for attaching. C. D. Knowlton. 2,386,902; Oct. 16.
Soles of wood or other stiff materials, Construction of shoe. H. Ghez and O. Ghez. 2,370,302; Feb. 27.
Soles to shoes, Attaching. H. E. Marasco. 2,385,523; Sept. 25.
Soles to shoes, Attaching. M. W. Tetlow. 2,373,922; Apr. 17.
Solid bodies from polymerizable sirups, Preparation of bubble-free. D. H. Beaton. 2,373,446; Apr. 10.
Solid material, Treating and removing finely divided. J. C. Munday. 2,380,324; July 10.
Solid objects from metal powder, Method and apparatus for making. W. F. Ross. 2,372,605; Mar. 27.
Solid products, Manufacturing. H. Keller. 2,388,613; Nov. 6.
Solid tire cushion wheel. P. Murphy. 2,387,930; Oct. 30.
Solidified unstable compounds. S. B. Wiczer. 2,388,719; Nov. 13.
Solids, Drying permeable. T. S. Chapman. 2,373,100; Apr. 10.
Solids feeder. P. E. Thomas. 2,389,566; Nov. 20.
Solids in a medium, Separation of. C. B. Schneible. 2,368,263; Jan. 30.
Solids of desired configuration, Producing. V. J. Schaefer. 2,374,310; Apr. 24.
Sols, Preparation of. M. D. Marshall. 2,377,841-2; June 5.
Sols, Preparation of. M. D. Marshall. 2,386,247; Oct. 9.
Sols, Preparation of. J. F. White. 2,375,738; May 8.
Soluble benzyl ether of dextran. G. L. Stahly and W. W. Carlson. 2,380,879; July 31.
Soluble material which becomes insoluble upon separation from solvent. W. O. Kenyon and W. F. Fowler, Jr. 2,388,851; Nov. 13.
Soluble sulphur preparations. F. E. Stirn. 2,390,746; Dec. 11.
Solution-catching device. J. Monteleone. 2,381,133; Aug. 7.
Solution concentration control system. S. G. Noble and W. L. Wolgemuth. 2,377,363; June 5.
Solution containing cellulosic material, Producing. R. S. Shutt. 2,371,359; Mar. 13.
Solutions of copper mercaptides, Stabilized. E. L. Korb and J. R. Sabina. 2,380,976; Aug. 7.
Solutions of metallic salts, Stabilized. S. B. Elliott. 2,390,830; Dec. 11.
Solutions, Permanent wave. G. S. Baker. 2,389,755; Nov. 27.
Solutions, Polyamide. W. W. Watkins. 2,377,985; June 12.
Solutions to obtain solid matter therefrom, Treatment of. F. Jeremiassen. 2,375,922; May 15.
Solutizer recovery process. A. C. Nixon. 2,379,098; June 26.
Solvent composition. C. M. Loane. 2,381,506; Aug. 7.
Solvent emulsion cleaner. C. S. Lowe. 2,374,113; Apr. 17.
Solvent extraction. W. E. Booth and R. Cosway. 2,385,564; Sept. 25.
Solvent extraction, Method and apparatus for. T. M. Rector. 2,390,388; Dec. 4.
Solvent extraction of synthetic latices. A. M. Clifford and C. F. Winans. 2,391,227; Dec. 18.
Solvent extraction process. R. C. Morris and A. V. Snider. 2,368,597; Jan. 30.
Solvent extraction system. P. M. Arnold. 2,379,332; June 26.
Solvent recovery in vapor phase extraction processes. W. P. Gage. 2,370,530; Feb. 27.
Solvent, Rubber reclaiming. R. W. Jaeger. 2,374,101; Apr. 17.
Solvent separation of unsaturated hydrocarbon mixtures. C. A. Coghlan and K. J. Korpi. 2,372,176; Mar. 27.
Solvents, Apparatus for the recovery of. G. E. Desetti, W. A. Dew, B. H. Mackey, and R. G. Woodbridge, Jr. 2,367,487; Jan. 16.
Solvents, Purification of. C. O. Barbre. 2,375,460; May 8.
Solvents, Purification of extracting. C. M. Ambler. 2,380,139; July 10.
Sonant respiration indicator. M. W. Kleit. 2,376,971; May 29.
Sorbitan and making the same. S. Soltzberg. 2,390,395; Dec. 4.
Sorting device. E. W. Ekstrand. 2,385,618; Sept. 25.
Sorting device. E. E. Garlits, Jr. 2,385,700; Sept. 25.
Sorting device. H. O. and O. C. Niederer. 2,374,948; May 1.
Sorting machine. H. H. Snyder. 2,385,038; Sept. 18.
Sorting machine, Card. R. Connor. 2,389,343; Nov. 20.
Sound and picture device, Combination. R. M. Like. 2,378,416; June 19.
Sound band matrices, Method of and device for producing. A. Woltscheck. 2,385,595; Sept. 25.
Sound deadener. P. G. Peik. 2,386,502; Oct. 9.
Sound-emitting device. L. J. Cooney. 2,370,939; Mar. 6.
Sound film printing optical system. J. A. Maurer, Jr. 2,381,979; Aug. 14.
Sound film printing optical system. A. Offner. 2,381,980; Aug. 14.
Sound generator. A. G. B. Metcalf. 2,372,968; Apr. 3.
Sound insulation for fluid conduits. E. M. Krueger. 2,372,587; Mar. 27.
Sound modifier. C. Huenlich. 2,380,845; July 31.
Sound producing device. W. C. Eaves. 2,371,960; Mar. 20.
Sound recording and reproducing apparatus. A. W. De Sart. 2,367,846; Jan. 23.
Sound recording and reproducing machine. H. P. Clausen. 2,366,956; Jan. 9.
Sound recording and reproducing machine. W. E. Johnston. 2,391,784; Dec. 25.
Sound recording and reproducing machine, Remotely controlled. H. P. Clausen. 2,375,525; May 8.
Sound recording apparatus. A. E. Reeves. 2,369,916; Feb. 20.
Sound recording method and apparatus. J. M. Hanert. 2,373,560; Apr. 10.
Sound recording method and system. F. G. Albin. 2,376,567; May 22.
Sound reducing device for beds. E. S. Nostrand. 2,375,941; May 15.
Sound reproducer drive. M. Morrison. 2,369,599; Feb. 13.
Sound reproducer, Electromagnetic. W. De Verter. 2,383,594; Aug. 28.
Sound reproducer test method and system. J. W. Jones, Jr. 2,375,111; May 1.
Sound reproducing and amplifying device. C. F. Dilks. 2,384,371; Sept. 4.
Sound silencer for projectors. J. M. Kuhlik. 2,369,786; Feb. 20.
Sound transcription machine. H. P. Clausen. 2,387,010; Oct. 16.
Sound translating apparatus. A. L. W. Williams. 2,386,996; Oct. 16.
Sound transmitter. S. F. Lybarger. 2,367,726; Jan. 23
Soup, Dehydrated. L. J. Huber. 2,391,829; Dec. 25.

Sour, Laundry. A. V. and F. J. Klancnik. 2,375,664; May 8.
Space discharge device. R. E. McCoy. 2,376,707; May 22.
Spacer. C. Hollerith. 2,386,313; Oct. 9.
Spacer for electrical windings. J. J. Weldon. 2,368,505; Jan. 30.
Spacing device for typewriters, Line. G. Prezioso. 2,388,936; Nov. 13.
Spacing mechanism for typewriters, Variable. J. L. Webb. 2,372,619; Mar. 27.
Spanner ratchet wrench. G. Van Genderen. 2,373,210; Apr. 10.
Spark advance device. E. Olson. 2,384,693; Sept. 11.
Spark arrester. J. A. Cannon. 2,366,314; Jan. 2.
Spark control. A. L. Highberg. 2,390,881; Dec. 11.
Spark gap. F. W. Curtis. 2,381,648; Aug. 7.
Spark intensifier. E. M. Robinson. 2,376,981; May 29.
Spark plate and rail for pig casting machines, Water cooled. H. O. Johnson and M. O'Hare. 2,389,983; Nov. 27.
Spark plug. C. Cipriani. 2,380,579; July 31.
Spark plug. C. Cipriani and C. J. Eaton. 2,389,597; Nov. 27.
Spark plug. J. O. C. di-Tona. 2,388,472; Nov. 6.
Spark plug. L. M. Feild. 2,371,162; Mar. 13.
Spark plug. L. F. Jones. 2,372,429; Mar. 27.
Spark plug. M. F. Peters and J. E. D. McCarty. 2,367,840; Jan. 23.
Spark plug. D. H. Stoltenberg. 2,367,445; Jan. 16.
Spark plug. T. Tognola. 2,372,867; Apr. 3.
Spark plug and electrode therefor. F. R. Hensel. 2,391,455; Dec. 25.
Spark plug and electrode therefor. F. R. Hensel. 2,391,459; Dec. 25.
Spark plug cleaner. C. B. McPherson. 2,376,497; May 22.
Spark plug construction. J. J. Rose. 2,375,822; May 15.
Spark plug unit bushings, Making. T. N. Willcox. 2,390,821; Dec. 11.
Spark plugs, Reconditioning. A. S. Fry and L. L. Withrow. 2,375,218; May 8.
Spark plugs, Resistor for. L. L. Stoffel. 2,389,466; Nov. 20.
Spark, supercharger, and throttle control. C. F. Schorn. 2,389,003; Nov. 13.
Spectacle and eyeglass case. J. E. Brown. 2,367,182; Jan. 16.
Spectacle and telescope, Combined. C. J. Glasser. 2,389,428; Nov. 20.
Spectacle bow. T. H. Calkins. 2,374,649; May 1.
Spectacle case. C. R. Jerry. 2,376,487; May 22.
Spectacle case. A. J. Pratt. 2,385,842; Oct. 2.
Spectacle case. N. M. Sullivan. 2,371,557; Mar. 13.
Spectacle frame. E. Rey. 2,389,742; Nov. 27.
Spectacle hinge. M. Wiseman. 2,376,468; May 22.
Spectacles. D. Rosenheim. 2,379,928; July 10.
Spectacles. A. F. Williams. 2,384,867; Sept. 18.
Spectacles. E. A. Zadig. 2,384,149; Sept. 4.
Spectrograph. J. A. Wilson. 2,388,108; Oct. 30.
Spectrometer, Mass. E. E. Hoskins and R. V. Langmuir. 2,380,439; July 31.
Spectrometry, Mass. C. E. Berry. 2,370,631; Mar. 6.
Spectrometry, Mass. E. E. Hoskins. 2,374,205; Apr. 24.
Spectrometry, Mass. R. V. Langmuir. 2,376,877; May 29.
Spectrometry, Mass. R. V. Langmuir. 2,378,936; June 26.
Spectrometry, Mass. H. W. Washburn. 2,378,962; June 26.
Spectrophotometer. O. W. Pineo. 2,383,075; Aug. 21.
Spectrophotometer attachment for eliminating specular reflection. W. A. Shurcliff. 2,383,346; Aug. 21.
Speculum, Vaginal. E. Guttmann. 2,374,863; May 1.
Speed and power transmission for internal-combustion engines, Control of. M. E. Thompson. 2,367,976; Jan. 23.
Speed-boat and hull. H. L. Brownback. 2,366,590; Jan. 2.
Speed change device. R. W. Hautzenroeder. 2,386,459; Oct. 9.
Speed change gear. W. Lauper. 2,366,912; Jan. 9.
Speed computator. J. R. Nieman. 2,385,100; Sept. 18.
Speed control, Automatic pump. R. R. Curtis. 2,384,894; Sept. 18.
Speed control device, Automotive vehicle. A. F. Miller. 2,391,586; Dec. 25.
Speed control for the transmission of power, Variable. A. E. Johnson. 2,377,013; May 29.
Speed control governor. R. A. Wyatt. 2,379,945; July 10.
Speed control mechanism. A. L. Armentrout. 2,372,702; Apr. 3.
Speed control mechanism for cutoffs. H. C. Behrens. 2,389,341; Nov. 20.
Speed control, Multiple-unit. J. A. Spanogle. 2,381,934; Aug. 14.
Speed control system, Variable. J. J. Stamm. 2,371,555; Mar. 13.
Speed control, Tentering machine. A. W. Kuzinski. 2,387,333; Oct. 23.
Speed control, Work-producing. H. A. J. Thiesen. 2,381,321; Aug. 7.
Speed drive, Series variable. W. R. Harding and S. H. Hanville, Jr. 2,379,149; June 26.
Speed governing mechanism, Centrifugal type. H. M. Otto. 2,388,282; Nov. 6.
Speed governing mechanism for metal spray guns of the wire feed type. A. P. Shepard and H. S. Ingham. 2,381,932; Aug. 14.
Speed governor. C. F. Wallace. 2,385,432; Sept. 25.
Speed governor for motion-picture cameras, Variable. T. I. Ress. 2,389,932; Nov. 27.
Speed indicating apparatus. L. Kecskeméti. 2,371,626; Mar. 20.
Speed indicator and control. L. Faver. 2,374,985; May 1.
Speed means for variable pitch propeller systems, Variable. A. G. Forsyth and G. J. Smith-Pert. 2,372,667; Apr. 3.
Speed recording apparatus, Vehicle. F. Abell. 2,379,404; July 3.
Speed reduction gear. E. W. Henry. 2,382,482; Aug. 14.
Speed reduction gear mechanism. W. M. Case. 2,376,900; May 29.
Speed responsive device. J. W. Livingston. 2,385,213; Sept. 18.
Speed responsive switch. R. Von Reppert. 2,377,830; June 5.
Speed transmission, Automatic variable. A. Kégresse. 2,386,217; Oct. 9.
Speed transmission, Variable. S. M. Marco. 2,387,401; Oct. 23.
Speed-transmission, Variable. S. C. Watson. 2,371,371; Mar. 13.
Speedometer, Electric. H. M. Norman. 2,385,101; Sept. 18.
Spherical plug valve. M. A. Gleeson. 2,373,628; Apr. 10.
Spice, Processing. W. A. Bush and E. A. Lasher. 2,384,532; Sept. 11.
Spider, Impact. J. T. Parsons and A. V. Brogren. 2,383,885; Aug. 28.
Spike puller. G. Y. Knight. 2,378,303; June 12.
Spill for aircraft. A. A. Arnhym. 2,387,708; Oct. 30.
Spindle. R. Hargreaves and J. Youngsma. 2,387,260; Oct. 23.
Spindle center and stop, Turret lathe. S. R. Carlson. 2,376,344; May 22.
Spindle drive, Rotary. W. Coulson. 2,381,488; Aug. 7.
Spindle, High speed grinding. J. C. Stafford. 2,386,639; Oct. 9.
Spindle moistening pad. D. B. Baker, J. C. Holub, and L. E. Nickla. 2,369,708; Feb. 20.
Spindle shaft with intermediate ball bearing. J. C. Wilson. 2,391,375; Dec. 18.
Spindle structure. G. F. Yager. 2,387,105; Oct. 16.
Spinner. F. G. Marshall. 2,375,673; May 8.
Spinner frames, Pickers for. A. B. Shelton. 2,390,469; Dec. 4.
Spinneret, Large rectangular. P. J. Hayes. 2,385,856; Oct. 2.
Spinnerette. F. C. Atwood. 2,370,765; Mar. 6.
Spinning and twisting machine. F. M. Roddy. 2,368,379; Jan. 30.
Spinning apparatus, Dry. J. R. McComb. 2,366,275; Jan. 2.
Spinning artificial filaments. R. C. Houtz. 2,388,325; Nov. 6.
Spinning bucket. H. M. Richardson. 2,372,983; Apr. 3.
Spinning frame. L. M. Cotchett. 2,391,135; Dec. 18.
Spinning frame. I. R. Rowe. 2,373,263; Apr. 10.
Spinning machine control. J. J. Burke. 2,380,147; July 10.
Spinning process. A. J. Mehler, Jr. 2,366,278; Jan. 2.
Spinning process. E. W. Spanagel. 2,385,890; Oct. 2.
Spinning process, Dry. A. F. Smith and H. B. Stevenson. 2,390,132; Dec. 4.
Spinning ring. A. Lodge. 2,367,361; Jan. 16.
Spinning roll cover. H. M. Bacon. 2,386,583; Oct. 9.
Spinning solutions, Fibroin. R. S. Bley. Re. 22,650; June 12.
Spinning tool. L. W. Michael. 2,383,330; Aug. 21.
Spinning toy. W. L. Gandy. 2,375,986; May 15.
Spiral tiller. J. P. Bagan. 2,379,469; July 3.
Splash plate assembly, Wooden. K. C. Ten Brink and A. R. Salley. 2,369,264. Feb. 13.
Splice, Adjustable. N. E. Cole. 2,366,698; Jan. 9.
Splice bar with balanced ratios, Unbalanced. H. L. Lansing. Re. 22,632; Apr. 17.
Splice, Coined wire. M. Lee. 2,375,480; May 8.
Splice with worked inner serrations, Manufacturing a connector tubular. M. Lee and I. F. Matthysse. 2,375,481; May 8.
Splicer, Film. L. Frankel. 2,385,353; Sept. 25.
Splicing, Web. O. C. Roesen. 2,386,344; Oct. 9.
Splicing, Web. O. C. Roesen. 2,386,346; Oct. 9.
Splint. J. E. Trombia. 2,370,892; Mar. 6.
Splint, Fracture. H. S. Williams. 2,384,779; Sept. 11.
Splint support. F. R. Ruther. 2,376,507; May 22.
Splint, Surgical. J. J. Ettinger. 2,391,693; Dec. 25.
Split center window jack. E. Harris. 2,388,142; Oct. 30.
Split core transformer. E. G. McAllister. 2,367,591; Jan. 16.
Split flaps, Hydraulically operated. R. C. Blaylock and P. Bukoff. 2,387,492; Oct. 23.
Splitting operation. R. A. Ruedebush. 2,374,836; May 1.
Spoke connector. E. H. Piron. 2,378,098; June 12.

Sponge rubber, Manufacture of. M. Carter. 2,381,380; Aug.
Sponge rubber, Manufacture of. C. W. Wilson. 2,381,706; Aug. 7.
Sponge rubber products. A. Cooper. 2,383,110; Aug. 21.
Spongy material, Synthetic. V. F. Wigal. 2,386,995; Oct. 16.
Spool. D. H. Cunningham. 2,374,736; May 1.
Spool and camera support therefor, Exposure indicating. J. Mihalyi. 2,387,514; Jan. 16.
Spool clip lock. F. Burdick. 2,375,519; May 8.
Spool, Film. J. F. Morse. 2,390,894; Dec. 11.
Spool, Film. H. D. Philips. 2,391,269; Dec. 18.
Spool for ribbons and other narrow fabrics. K. Freiler. 2,380,541; July 31.
Spool for surgical stitching instruments, Suture. J. D. Karle. 2,376,151; May 15.
Spool for surgical sutures. J. D. Karle. 2,376,152; May 15.
Spool holder. J. Maldonado. 2,380,117; July 10.
Spool or bobbin. E. G. Crooks. 2,368,450; Jan. 30.
Spool or bobbin for supporting yarn, thread, cord or the like. H. L. Amrhein and H. J. Feeley. 2,381,870; Aug. 14.
Spool, Textile. R. Atwood. 2,377,919–20; June 12.
Spooling device. T. O. Davidson and R. S. Hoar. 2,387,245; Oct. 23.
Spooling device for cable tool drills. H. W. Thornburg. 2,372,232; Mar. 27.
Spooling machine. J. E. Pierce. 2,371,184; Mar. 13.
Spoon and lid for containers, Combined. R. C. Wilson. 2,375,266; May 8.
Spoon, Fishing. R. W. Docteur. 2,375,290; May 8.
Spoon holder. N. Mangini. 2,371,537; Mar. 13.
Spoon holder. R. D. Swift, Jr. 2,385,898; Feb. 6.
Spoon, Trolling. W. Schmitz. 2,379,660; July 3.
Spot-facer, Inverted. W. W. Morris. 2,376,446; May 22.
Spotlamp. G. E. Gravenstine. 2,377,493; June 5.
Spotlamp. G. E. Gravenstine. 2,380,040; July 10.
Spot-signal light. H. R. Gross. 2,374,282; Apr. 24.
Spot-welding. W. A. Weightman. 2,378,741; June 19.
Spot-welding machine. A. Pedley. 2,389,324; Nov. 20.
Spotter mechanism and utilizing same, Program. F. N. Stanton. 2,373,511; Apr. 10.
Spotting unit, Steam. A. J. Weber and E. L. Chrisman. 2,391,663; Dec. 25.
Spout. W. Stein and R. J. Wolf. 2,367,809; Jan. 23.
Spout, Container. G. W. Reese. 2,375,248; May 8.
Spout, Filling. A. O. Payne. 2,367,138; Jan. 9.
Spout, Filling. E. W. Vredenburg. 2,366,163; Jan. 2.
Spout for paper bags and the like, Pouring. C. Wren. 2,390,822; Dec. 11.
Spout, Pouring. B. Robinson. 2,380,871; July 31.
Spray booth. G. A. Harker, E. G. Gustafsson, G. Allen, and R. Nelson. 2,385,077; Sept. 18.
Spray cleaner. A. E. Miller. 2,385,150; Sept. 18.
Spray coating composition. C. H. Clinton. 2,380,219; July 10.
Spray coating machine. J. S. Petersen, J. W. Miller, H. L. Wendshuh and B. H. Moser. 2,376,980; May 29.
Spray coating machine. R. E. Sykes and B. H. Moser. 2,383,023; Aug. 21.
Spray control valve. E. E. Martin. 2,391,582; Dec. 25.
Spray equipment, Dry. C. W. Britcher. 2,375,766; May 15.
Spray gun apparatus. J. A. MacDonald. 2,370,408; Feb. 27.
Spray gun of the wire feed type, Metal. A. P. Shepard and H. S. Ingham. 2,382,111; Aug. 14.
Spray machine, Automatic. G. A. Barlow. 2,369,424; Feb. 13.
Spray method of making mirrors. C. Trevail and K. P. Gladney. 2,367,903; Jan. 23.
Sprayer. D. O. Raper. 2,374,955; May 1.
Sprayer for medicinal preparations, Atomizing. H. J. Miller. 2,389,864; Nov. 27.
Sprayhead, Nonsiphon shampoo. J. N. Mayhew. 2,389,676; Nov. 27.
Sprayer, Liquid. L. C. McKay. 2,372,678; Apr. 3.
Spraying apparatus. T. H. Daly. 2,369,950; Feb. 20.
Spraying apparatus. R. E. Madison. 2,367,594; Jan. 16.
Spraying, blending, and impregnating method. H. H. Schmidt. 2,374,462; Apr. 24.
Spraying device. P. M. Brown. 2,383,235; Aug. 21.
Spreader for water heaters. R. Hackney. 2,390,248; Dec. 4.
Spreader, Material. V. F. Baumgardner. 2,378,825; June 19.
Spring: *See*—

Bed spring.	Orthodontic bracket spring.
Cantilever spring.	Overload spring.
Friction spring.	Snap spring.
Metal bed spring.	Vehicle spring.

Spring. J. M. Bennett. 2,376,026; May 15.
Spring. A. H. Chambers. 2,372,549; Mar. 27.
Spring. D. K. Crampton and H. L. Burghoff. 2,375,285; May 8.
Spring and spring constructions for cushioned seats. W. H. Neely. 2,384,191; Sept. 4.
Spring arrangement for time fuses. G. Honger. 2,384,252; Sept. 4.
Spring assemblies, Making. E. E. Woller. 2,388,106; Oct. 30.
Spring assembly. G. E. Taylor. 2,388,882; Nov. 13.
Spring assembly for trucks or the like, Load bearing. R. A. Bradley. 2,387,874; Oct. 30.
Spring bar. D. Megar. 2,382,249; Aug. 14.
Spring bending machine. F. J. Horton. 2,389,055; Nov. 13.
Spring construction. L. C. Freeman. 2,366,607; Jan. 2.
Spring construction. A. H. Haberstump, M. K. Jessup, and N. Wolofski. 2,386,456; Oct. 9.
Spring construction. A. H. Ludwig. 2,375,667; May 8.
Spring construction for mattresses and the like. C. A. Pink. 2,383,157; Aug. 21.
Spring construction, Furniture. W. A. Kalpakoff. 2,379,086; June 26.
Spring coupling. S. V. Haas, Jr. 2,374,815; May 1.
Spring dog assembly and the like. L. C. Badgley. 2,368,737; Feb. 6.
Spring for vehicles. C. J. Holland. 2,387,265; Oct. 23.
Spring forming machine. H. W. Wilkins. 2,390,283; Dec. 4.
Spring gauging device. W. F. Aller. 2,384,520; Sept. 11.
Spring group. R. B. Cottrell. 2,366,181; Jan. 2.
Spring group. D. M. Light. 2,390,110; Dec. 4.
Spring group. D. M. Light and F. E. Bachman. 2,370,107; Feb. 20.
Spring, Making plastic. T. Friedman. 2,375,357; May 8.
Spring means. A. B. Berthelmann. 2,391,120; Dec. 18.
Spring motor driven generator. R. A. Kennedy. 2,389,514; Nov. 20.
Spring nut member. W. A. Bedford, Jr. 2,382,936; Aug. 14.
Spring structure. J. H. Burr and D. J. Driscoll. 2,369,116; Feb. 13.
Spring structure. N. C. Goldberg. 2,382,990; Aug. 21.
Spring structure for seat and back constructions, Wire. W. H. Neely and S. G. Blumensaadt. 2,373,775; Apr. 17.
Spring support. A. J. Loepsinger. 2,373,125; Apr. 10.
Spring suspension for railroad car bodies. A. F. Hickman. 2,377,883; June 12.
Spring suspension for railroad cars. A. F. Hickman. 2,371,169; Mar. 13.
Spring suspension for railroad cars. A. F. Hickman. 2,386,795; Oct. 16.
Spring suspension for vehicles. R. K. Lee. 2,379,012; June 26.
Spring suspension system for railway car trucks. H. W. Reck. 2,377,809; June 5.
Spring testing machine. G. G. Wilcox. 2,381,241; Aug. 7.
Spring unit for upholstered furniture, mattresses, and cushions. D. T. Owen. 2,375,817; May 15.
Spring unit for use in furniture, autos, etc. E. Deutsch. 2,375,289; May 8.
Spring unit, Inner. W. E. Wunderlich. 2,374,850; May 1.
Spring wheel. F. D. Goodlake. 2,380,749; July 31.
Spring wheel. H. L. Harris. 2,376,592; May 22.
Spring wheel. J. Starneno. 2,375,705; May 8.
Spring winding mechanism. F. S. Stickney. 2,373,427; Apr. 10.
Spring winding tool. L. N. Walters. 2,367,320; Jan. 16.
Spring-wound cord-controlled take-up reel. A. Meletti. 2,391,840; Dec. 25.
Springs, Making. C. A. Hallstrom and R. E. Tibbetts. 2,388,537; Nov. 6.
Springs, Manufacturing volute. C. J. Holland. 2,390,937; Dec. 11.
Springs, Method of making contact wiper. C. L. Van Inwagen, Jr. 2,373,861; Apr. 17.
Springs, Snubbing. S. B. Haseltine. 2,375,919; May 15.
Sprinkler, Constant pressure. O. H. Englehart. 2,380,101; July 10.
Sprinkler head. E. Tyden. 2,375,832; May 15.
Sprinkler head. E. Tyden. 2,389,331–4; Nov. 20.
Sprinkler head for fire extinguishers, Automatic. T. A. Henshaw. 2,370,243; Feb. 27.
Sprinkler, Lawn. P. Grelson. 2,371,740; Aug. 7.
Sprinkler, Lawn. H. Quigley. 2,376,007; May 15.
Sprinkler releasing means. I. W. Knight. 2,374,686; May 1.
Sprinkling system, Automatic. F. Hauser. 2,372,324; Mar. 27.
Sprocket gear shaping device. H. L. Denton. 2,372,815; Apr. 3.
Sprocket milling machine. O. Cullman, L. H. Hornbrook, and N. B. Wienke. 2,367,100; Jan. 9.
Sprocket wheel. J. A. Bombardier. 2,374,644; May 1.
Sprocket wheel. F. P. Noffsinger. 2,382,740; Aug. 14.
Spur, Nonskid walking. A. Hall. 2,370,240; Feb. 27.
Spur, Pole climbing. H. R. Webber. 2,391,810; Dec. 25.
Square plug flanger. E. V. Crane and F. G. Auer. 2,389,139; Nov. 20.
Squeezer and the like, Rivet. P. F. Rossmann. 2,383,082; Aug. 21.
Squeezer, Bulk material. L. Miller. 2,371,403; Mar. 13.
Squeezer, Rivet. R. M. Randall and B. C. Mandeville. 2,368,378; Jan. 30.
Stabilization. H. R. Peterson and F. H. MacLaren. 2,374,127; Apr. 17.
Stabilization. J. S. Wallace and T. E. Sharp. 2,384,146; Sept. 4.
Stabilization of halogenated compounds. L. Egerton. 2,391,685; Dec. 25.
Stabilization of halogenated compounds. L. Egerton. 2,391,689; Dec. 25.

Stabilization of organic substances. L. Gubelmann. 2,381,952; Aug. 14.
Stabilization of organo-metallic agents. H. W. Rudel. 2,378,793; June 19.
Stabilized conversion catalyst. E. C. Pitzer. 2,369,074; Feb. 6.
Stabilized cyclized rubber. H. J. Osterhof. 2,381,180; Aug. 7.
Stabilized organic substances and stabilizing same. M. H. Daskais and E. K. Fields. 2,388,255; Nov. 6.
Stabilizer. E. Bagnall. 2,366,472; Jan. 2.
Stabilizer. E. Bagnall. 2,389,017; Nov. 13.
Stabilizer. T. M. Deal and W. Baker. 2,381,425; Aug. 7.
Stabilizer for aircraft, Landing. J. Speigel. 2,385,850; Oct. 2.
Stabilizer for regulators. W. F. Pray. 2,377,300; May 29.
Stabilizer, Furfural. R. L. Comstock and H. F. Reeves, Jr. 2,382,207; Aug. 14.
Stabilizer, Steering. V. Kinser. 2,382,424; Aug. 14.
Stabilizer for automatic volume control circuit. J. O. Parr, Jr. 2,384,393; Sept. 4.
Stabilizers. C. M. Carson. 2,371,737; Mar. 20.
Stabilizers for oils. W. A. Proell. 2,369,490; Feb. 13.
Stabilizing and positioning apparatus. C. R. Hanna. 2,381,160; Aug. 7.
Stabilizing arrangement for control pendulums. E. Aulin. 2,366,996; Jan. 9.
Stabilizing means for double-wall construction. B. G. Spencer. 2,377,528; June 5.
Stabilizing soil. A. B. Miller. 2,369,682; Feb. 20.
Stable furfuraldehyde-furfuralcohol compositions. E. A. Reineck. 2,367,312; Jan. 16.
Stable products from tall oil, Obtaining. R. G. Dressler, R. E. Vivian, and T. Hasselstrom. 2,371,230; Mar. 13.
Stack hung flush tank. V. A. Hoffmann. 2,386,608; Oct. 9.
Stacker and loader, Hay. F. S. Dunn. 2,367,932; Jan. 23.
Stacker, Box. A. Neia. 2,376,176; May 15.
Stacker for slicing machines. J. J. Waage. 2,381,016; Aug. 7.
Stacker-loader. J. J. Spaeth. 2,367,150; Jan. 9.
Stacker, Package. H. M. Cross. 2,387,315; Oct. 23.
Stage structure, Foldable. A. V. Ditty and A. J. Bradford. 2,369,340; Feb. 13.
Stainless steel, Anodically polishing. C. L. Faust. 2,366,712; Jan. 9.
Stainless steel, Electrolytically polishing. C. R. Horwedel and W. J. Resch. 2,381,167; Aug. 7.
Stair structure. W. Y. Cocken, Jr. 2,377,994; June 12.
Stake, Ground. B. Brand. 2,366,997; Jan. 9.
Staking machine, Armature coil lead. E. R. Fausset and F. L. Zion. 2,385,619; Sept. 25.
Staking tool. R. C. Morgan. 2,372,973; Apr. 3.
Stalk feeding attachment. L. F. Maus. 2,370,560; Feb. 27.
Stall delaying and indicating mechanism. E. T. Allen and R. J. Minshall. 2,373,089; Apr. 10.
Stall indicator. E. T. Allen. 2,373,088; Apr. 10.
Stall, Shower. L. A. Falco. 2,389,724; Nov. 27.
Stamp decorating of articles of manufacture. J. H. Keller. 2,383,865; Aug. 28.
Stamp roller. H. S. K. Lui. 2,386,965; Oct. 16.
Stamping and embossing machine, Hot die. S. H. Polley. 2,370,416; Feb. 27.
Stamping and forming. C. E. Burgess. 2,366,487; Jan. 2.
Stamping die. R. A. L. Seligman. 2,390,183; Dec. 4.
Stamping machine. G. C. Paxton and E. A. Verrinder. 2,385,462; Sept. 25.
Stamping machines or the like for holding and feeding strips, Attachment to. W. Feller. 2,369,551; Feb. 13.
Stand: *See*—

All-metal folding camera stand.	Portable, vertically adjustable and collapsible stand.
Combination display and drain stand.	Projection screen stand.
Dental equipment stand.	Projection stand.
Folding stand.	Safety stand.
Merchandise display stand.	Umbrella stand.
Outboard motor stand.	Unitary foldable music stand.

Stand. D. M. Pennington. 2,375,685; May 8.
Stand hook. J. M. Blackmon and J. F. Le Gere. 2,382,852; Aug. 14.
Stand to support collecting covers or the like. A. E. G. Hedenström. 2,376,483; May 22.
Standing valve puller. B. R. Renouf. 2,382,173; Aug. 14
Standard for electrical measurements. H. T. Wilhelm. 2,373,156; Apr. 10.
Staple. J. C. Lang. 2,383,135; Aug. 21.
Staple. R. A. Percoco. 2,380,786; July 31.
Staple. D. R. La Place. 2,390,219; Dec. 4.
Staple and its manufacture. J. C. Lang. 2,384,477; Sept. 11.
Staple and making same. J. C. Lang. 2,384,475; Sept. 11.
Staple and method of stapling. J. C. Lang. 2,380,655; July 31.
Staple fiber cutter. D. B. Wicker and C. W. Cox. 2,381,240; Aug. 7.
Staple puller. H. W. Palmer. 2,375,942; May 15.
Staple, Wire fence. C. T. Hunt. 2,386,953; Oct. 16.
Stapling and sealing mechanism. C. Z. Monroe. 2,370,745; Mar. 6.
Stapling apparatus. D. R. La Place. 2,368,552; Jan. 30.
Stapling device. R. Vancura. 2,381,192; Aug. 7.
Stapling machine. R. A. Percoco. 2,380,785; July 31.
Stapling mechanism. A. C. Lind. 2,380,116; July 10.
Starch conversion sirups, Production of. R. N. Monte. 2,383,914; Aug. 28.
Starch derivatives, Preparing. E. Pacsu and J. W. Mullen II. 2,372,337; Mar. 27.
Starch-gluten separation. R. W. Callaghan and G. W. Elverum. 2,388,902; Nov. 13.
Starch, Modification of. T. J. Schoch. 2,386,509; Oct 9.
Starch product. G. B. Fowler and D. K. Pattilloch. 2,385,438; Sept. 25.
Starch product, Preparation of modified. R. W. Kerr. 2,380,848; July 31.
Starch, Production of wheat. C. T. Langford and R. L. Slotter. 2,368,668; Feb. 6.
Start and stop mechanism, Automatic. C. N. Bergmann. 2,368,738; Feb. 6.
Start-stop regenerative telegraph repeater. E. F. Watson. 2,367,910; Jan. 23.
Starter, Cycling automatic engine. J. H. Wallace. 2,374,251; Apr. 24.
Starter, Engine. J. A. Beard. 2,385,963; Oct. 2.
Starter, Engine. J. W. Fitz Gerald. 2,366,502; Jan. 2.
Starter, Engine. J. W. Fitz Gerald. 2,366,503–4; Jan. 2.
Starter, Engine. J. W. Fitz Gerald. 2,368,292; Jan. 30.
Starter, Engine. J. W. Fitz Gerald. 2,370,649; Mar. 6.
Starter, Engine. J. W. FitzGerald. 2,379,073; June 26.
Starter, Engine. J. W. Fitz Gerald. 2,379,428; July 3.
Starter for internal-combustion engines. H. da Costa. 2,388,469; Nov. 6.
Starter for internal-combustion engines. G. K. Smith. 2,373,507; Apr. 10.
Starter, Hydraulic. H. Molly. 2,382,437; Aug. 14.
Starter for aircraft engines, Flywheel. C. R. Waseige. 2,381,018; Aug. 7.
Starting control for electric discharge devices. H. C. Atkins. 2,367,655; Jan. 23.
Starting control for electric discharge devices. M. A. Townsend. 2,372,149; Mar. 20.
Starting control for electric discharge devices. J. R. Whiteside. 2,372,148; Mar. 20.
Starting control for electric discharge devices. J. R. Whiteside. 2,374,315; Apr. 24.
Starting device. W. L. Kissel and H. D. Palmer. 2,374,685; May 1.
Starting device for fluorescent tubes. J. H. Rubenstein and L. J. De Martino. 2,372,295; Mar. 27.
Starting device for gravity arc welders. J. M. Tyrner. 2,387,864; Oct. 30.
Starting device for outboard motors. W. R. McElmurray. 2,386,703; Oct. 9.
Starting mechanism and the like. R. W. Muerle. 2,383,671; Aug. 28.
Starting system for internal-combustion engines, Two-stage. A. Miller. 2,373,256; Apr. 10.
Static charge from moving bodies, Removing. R. C. Ayres. 2,386,084; Oct. 2.
Static charges on aircraft or the like, Method and apparatus for detecting and neutralizing. G. J. C. Andresen. 2,386,647; Oct. 9.
Static eliminator. C. J. Kilduff. 2,375,304; May 8.
Station for aerial pickup systems, Ground. H. W. Ballard. 2,369,518; Feb. 13.
Station selection system. L. M. Potts. 2,371,311; Mar. 13.
Stationary broiling rack. W. H. Stangle. 2,386,070; Oct. 2.
Stationery. R. E. Lee. 2,377,348; June 5.
Stationery feeding and trimming device. C. L. Winter. 2,390,907; Dec. 11.
Stationery, Manifold. T. V. Berggren. 2,371,791; Mar. 20.
Stator, Liquid-tight. F. J. Sigmund and W. S. Hlavin. 2,385,385; Sept. 25.
Stators for electrical machines, Manufacturing. E. Prat Divi. 2,367,428; Jan. 16.
Staybolt. J. R. Flannery. 2,368,651; Feb. 6.
Stay-bolt construction for boilers, Flexible hollow. J. Kindervater. 2,383,394; Aug. 21.
Stay, Collar. B. B. Manaster. Re. 22,698; Nov. 27.
Stay, Collar. B. B. Manaster. 2,371,338; Mar. 13.
Steadier for elongated workpieces and mandrel bars. H. C. Inslee. 2,374,939; May 1.
Steadier for elongated workpieces and mandrel bars. H. C. Inslee. 2,386,864; Oct. 16.
Steady rest for lathes. W. F. Liber. 2,390,888; Dec. 11.
Steam and water mixer. H. A. Torbett. 2,372,533; Mar. 27.
Steam and water mixing device. T. N. Adlam. Re. 22,603; Feb. 20.
Steam boiler. C. Alexandrou. 2,383,034; Aug. 21.
Steam boiler. G. H. Green. 2,387,391; Oct. 23.
Steam boiler. P. L. Joslyn. 2,367,870; Jan. 23.
Steam boiler. G. C. Wicks. 2,387,103; Oct. 16.
Steam chest construction. G. M. Mierley. 2,367,134; Jan. 9.
Steam cylinder lubricants. E. W. Adams and F. H. MacLaren. 2,373,733; Apr. 17.

Steam generating apparatus. W. R. Hainsworth. 2,368,467; Jan. 30.
Steam generator. J. P. Badenhausen. 2,367,558–9; Jan. 16.
Steam generator. J. P. Badenhausen. 2,384,588; Sept. 11.
Steam generator. G. H. Daniels. 2,371,226; Mar. 13.
Steam generator. E. J. De Cota. 2,389,898; Nov. 27.
Steam generator. J. H. Jacobs. 2,374,818; May 1.
Steam generator. T. C. Johnson. 2,391,628; Dec. 25.
Steam generator. M. H. Kulmer. 2,379,009; June 26.
Steam generator. T. Nagel. 2,374,882; May 1.
Steam generator. G. Sanders. 2,382,176; Aug. 14.
Steam generator. G. A. Skaggs. 2,388,345; Nov. 6.
Steam generator. J. A. Standing. 2,384,704; Sept. 11.
Steam heating system and control valve therefor. W. T. Ferguson. 2,378,760; June 19.
Steam iron. E. O. Morton. 2,387,281; Oct. 23.
Steam jet pump. W. H. Tinker. 2,369,692; Feb. 20.
Steam joint. B. A. Malkin. 2,366,541; Jan. 2.
Steam motor. M. I. Topalov. 2,379,324; June 26.
Steam pump. P. A. McCormick. 2,381,298; Aug. 7.
Steam separator. P. B. Place. 2,378,429; June 19.
Steam separator. P. B. Place. 2,378,862; June 19.
Steam trap. W. D. Booker. 2,378,748; June 19.
Steam turbine. E. Gente. 2,382,705; Aug. 14.
Steamer, Hat. R. C. Utley and A. Feilchenfeld, Jr. 2,369,623; Feb. 13.
Steatite-type body and producing same. H. L. Crowley and A. M. Hossenlopp. 2,382,137; Aug. 14.
Steel alloys. C. B. Post and M. C. Fetzer. 2,379,988; July 10.
Steel and article thereof, Shallow hardening J. Z. Briggs. 2,369,656; Feb. 20.
Steel and improving the creep strength thereof. R. F. Miller. 2,376,073; May 15.
Steel cartridge case. S. A. Snell. 2,373,921; Apr. 17.
Steel, Copper bearing stainless. R. H. Thielemann. 2,382,273; Aug. 14.
Steel, Deep-drawing. J. E. Lose. 2,387,919; Oct. 30.
Steel for drawing, Treating. J. E. Millen. 2,369,596; Feb. 13.
Steel hardened article, Fine-grained. W. Crafts. 2,382,467; Aug. 14.
Steel, Heat-treating high-speed tool. F. A. Endress. 2,383,299; Aug. 21.
Steel in elevated temperature service under stress. M. A. Grossmann and R. F. Miller. 2,389,043; Nov. 13.
Steel, Making chromium-nickel austenitic stainless. S. F. Urban. 2,374,396; Apr. 24.
Steel, Making deep drawing. C. E. Bayer and C. E. Carr. 2,390,346; Dec. 4.
Steel or iron, Treatment of. H. T. Chandler. 2,370,289; Feb. 27.
Steel particles from particles of abrasive material, Procedure and apparatus for separating stainless. W. E. Griffiths. 2,372,321; Mar. 27.
Steel, Permanent magnet. D. R. Howerton. 2,383,969; Sept. 4.
Steel plate from corrosion and preparing elements of container bodies therefrom, Preserving. F. J. O'Brien and C. E. Maier. 2,386,813; Oct. 16.
Steel powder. J. Wulff. 2,368,282; Jan. 30.
Steel, Producing designs on stainless. C. Batcheller. 2,375,613; May 8.
Steel, Producing high-tensile strength deep-drawing. J. W. Kinnear, Jr. 2,389,516; Nov. 20.
Steel, Production of alloy. E. F. Doom. 2,375,291; May 8.
Steel, Production of electric silicon. J. D. Gat. 2,389,497; Nov. 20.
Steel, Production of soft cold reduced. F. G. Campbell and E. L. Robinson. 2,377,922; June 12.
Steel, Scaling stainless. A. W. Bromberg. 2,389,838; Nov 27.
Steel, Treating inherently aging chromium-nickel stainless. G. V. Smith. 2,374,388; Apr. 24.
Steel Treating inherently aging chromium-nickel stainless. E. H. Wyche. 2,390,023; Nov. 27.
Steels and articles of manufacture produced therefrom, Beryllium cobalt alloy. E. G. Touceda and R. P. De Vries. 2,382,680; Aug. 14.
Steels, Carburizing. F. R. Bonte. 2,381,638; Aug. 7.
Steels, Cold rolled manganese. R. Franks. 2,378,991; June 26.
Steels, Cold rolled manganese. R. Franks. 2,378,993–4; June 26.
Steels, Hardenable. W. Crafts. 2,382,466; Aug. 14.
Steels, Hardening. R. S. Wile. 2,374,634; Apr. 24.
Steels, Passivating stainless. H. H. Uhlig. 2,390,402; Dec. 4.
Steels, Spheroidizing S. A. E. 2300 series. H. H. Schneider. 2,376,454; May 22.
Steerable road wheel mounting. W. S. Berry and R. H. Phelps and T. Ulrich. 2,369,644; Feb. 20.
Steering apparatus. H. Hamill. 2,368,135; Jan. 30.
Steering apparatus, Marine. F. C. Schoen, De W. F. Evans, and F. C. T. Schoen. 2,391,645; Dec. 25.
Steering by braking. R. C. Stolte. 2,375,959; May 15.
Steering by driving. H. S. Eberhard and G. W. Lewis. 2,379,628; July 3.
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Stem and guide, Lamp hanger. T. B. and R. K. Farrington and W. T. Keller. 2,377,871; June 12.
Stem assembly. C. Hollerith. 2,367,776; Jan. 23.
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Stemware, Machine for making. J. P. Schellhaus, Jr. 2,385,302; Sept. 18.
Stencil. A. Baczewski. 2,385,562; Sept. 25.
Stencil and making same, Light. B. Rudnick. 2,383,568; Aug. 28.
Stencil and stenciling. R. J. Leander. 2,383,913; Aug. 28.
Stencil cards, Making. E. J. Lamb. 2,375,308; May 8.
Stencil screen and making the same. H. E. Playford. 2,370,874; Mar. 6.
Stencils, Forming transferable silk screen. E. C. Bowers. 2,374,524; Apr. 24.
Stenographic machine. W. A. Ayres and R. E. Page. 2,390,414; Dec. 4.
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Stereoscope. R. E. McClure. 2,368,480; Jan. 30.
Stereoscopic acuity testing device. G. J. Koch. 2,391,248; Dec. 18.
Stereoscopic apparatus. H. J. Tickell. 2,380,088; July 10.
Stereoscopic modeling machine. L. A. Scholz. 2,386,816; Oct. 16.
Sterilization of evaporated milk in glass containers. R. Whitaker, R. P. Myers, and R. E. Homberger. 2,388,103; Oct. 30.
Sterilizer, Ultraviolet. R. A. Hrabak. 2,381,450–2; Aug. 7.
Sterilizer, Wet-pack. F. M. Miner, Jr. 2,376,611; May 22.
Sterilizing. L. H. James. 2,380,696; July 31.
Sterilizing air, Method and apparatus for. B. H. Jennings and E. Bigg. 2,369,900; Feb. 20.
Sterilizing and disinfecting products, Producing. I. and W. Kreidl. 2,374,754; May 1.
Sterilizing apparatus and process. C. A. French. 2,386,676; Oct. 9.
Sterilizing container. C. B. Ravén. 2,384,395; Sept. 4.
Steroidal compounds and obtaining the same. R. B. Wagner. 2,380,483–4; July 31.
Steroids, Dehalogenation of. P. L. Julian, J. W. Cole, A. Magnani, and H. F. Conde. 2,374,683; May 1.
Sterol and steroid derivatives. H. R. Rosenberg and S. G. Turnbull, Jr. 2,375,874; May 15.
Sterol and steroid esters. H. R. Rosenberg and S. G. Turnbull, Jr. 2,375,873; May 15.
Sterol derivatives, New. H. R. Rosenberg and S. G. Turnbull, Jr. 2,386,636; Oct. 9.

Sterol derivatives, Production of. D. H. Terry. 2,376,563; May 22.
Sterols, Preparation of 7-dehydro. H. R. Rosenberg. 2,376,816; May 22.
Sterols, Treatment of. J. Rosin. 2,391,743; Dec. 25.
Stethoscope, Accoustic. H. F. Olson. 2,389,868; Nov. 27.
Stevedore jack. B. N. Williams and T. D. Sanford. 2,369,383; Feb. 13.
Stick holder. L. D. Overland. 2,377,364; June 5.
Stick, Hoop. E. Entringer. 2,381,581; Aug. 7.
Stick, Plastic picker. O. L. Carter and T. A. Putnam. 2,389,595; Nov. 27.
Stick-water, Treating. W. Martin. 2,367,415; Jan. 16.
Stiffener, Bladder. J. W. Overbeke. 2,380,866; July 31.
Stiffener and making the same, Shoe. E. L. Beckwith and A. P. Swett. 2,390,347; Dec. 4.
Stiffener, Shoe. W. H. Heaton. 2,381,590; Aug. 7.
Stiffening material. F. W. Chamberlain. 2,379,881; July 10.
Still. G. T. Jacocks. 2,376,146; May 15.
Still. G. T. Jacocks. 2,388,328; Nov. 6.
Still, Light weight portable. A. J. Laliberte. 2,376,876; May 29.
Still, Solar water. W. S. Barnes. 2,383,234; Aug. 21.
Stippler, Roller. A. T. Adams. 2,368,513; Jan. 30.
Stirring and mixing device. G. L. Hervert. 2,377,937; June 12.
Stirring device. E. L. Fritzberg. 2,390,579; Dec. 11.
Stirrup, Snap-on hot line. E. Gunzburger. 2,370,857; Mar. 6.
Stitch regulating mechanism. O. Fregeolle. 2,369,780; Feb. 20.
Stitch sewing machine, Special. C. W. Johnson. 2,389,151; Nov. 20.
Stitching machine. W. R. Spiller and R. J. Niederhauser. 2,391,488; Dec. 25.
Stock distributor. L. Hornbostel. 2,371,692; Mar. 20.
Stock feed mechanism. S. Sherrow. 2,368,890; Feb. 6.
Stock feeder. C. O. Halverson. 2,371,617; Mar. 20.
Stock having a square hole and making said stock, Metal. E. A. Zempel. 2,380,628; July 31.
Stock inlet. F. A. Heiln. 2,384,912; Sept. 18.
Stock inlet. L. Hornbostel and E. E. Berry. 2,381,286; Aug. 7.
Stock, Making gold filled. T. C. Jarrett. 2,389,981; Nov. 27.
Stock regulator for paper machines. E. A. Poirier. 2,379,746; July 3.
Stock straightener. H. J. Shibovich. 2,389,644; Nov. 27.
Stocking and knitting the same. F. R. Page. 2,375,684; May 8.
Stocking and producing the same, Full-fashioned. P. Schmidt. 2,390,003; Nov. 27.
Stocking foot. G. Kasket. 2,391,165; Dec. 18.
Stocking foot. A. Y. Steffanson. 2,376,398; May 22.
Stocking welt construction, Producing. O. F. Smetana. 2,383,350; Aug. 21.
Stoker. R. L. Beers. 2,373,448; Apr. 10.
Stoker. R. L. Beers. 2,384,432; Sept. 11.
Stoker. J. S. Bennett. 2,387,383; Oct. 23.
Stoker. S. W. Guthrie. 2,366,783; Jan. 9.
Stoker. F. G. Julyan and W. M. Schweickart. 2,370,246; Feb. 27.
Stoker. G. Molotzak. 2,377,357; June 5.
Stoker. F. J. Palmer. 2,370,067; Feb. 20.
Stoker. J. M. Pilcher and F. F. Dennis. 2,380,260; July 10.
Stoker. H. E. Preston. 2,385,027; Sept. 18.
Stoker. B. R. Robinson. 2,367,799; Jan. 23.
Stoker. R. A. Sherman. 2,371,191; Mar. 13.
Stoker. R. W. Suman. 2,387,781; Oct. 30.
Stoker and its operation, Underfeed. T. S. Spicer and C. C. Wright. 2,378,806; June 19.
Stoker apparatus. S. H. Chapman. 2,382,293; Aug. 14.
Stoker apparatus. R. A. Foresman, D. J. Mosshart, and A. F. Schultz. 2,369,957; Feb. 20.
Stoker apparatus. W. T. Hanna. 2,380,840; July 31.
Stoker apparatus. A. F. Schultz and D. J. Mosshart. 2,391,596; Dec. 25.
Stoker apparatus. E. R. Stone. 2,391,600; Dec. 25.
Stoker apparatus, Spreader. S. H. Chapman. 2,370,936; Mar. 6.
Stoker apparatus, Spreader. W. Kessler. 2,390,154; Dec. 4.
Stoker apparatus, Spreader. A. F. Schwendner. 2,391,597; Dec. 25.
Stoker, Automatic. W. M. Fulton. 2,377,874; June 12.
Stoker, Automatic. W. M. Fulton. 2,385,782; Oct. 2.
Stoker, Automatic. L. A. Winter. Re. 22,694; Nov. 20.
Stoker control. S. G. Isserstedt. 2,373,186; Apr. 10.
Stoker control apparatus. C. Hotchkiss. 2,385,811; Oct. 2.
Stoker control system. V. R. Tate. 2,373,150; Apr. 10.
Stoker damper control. F. W. Stuart. 2,372,863; Apr. 3.
Stoker, Fuel. D. R. Stahl. 2,388,805; Nov. 13.
Stoker gas back. F. G. Julyan. 2,387,400; Oct. 23.
Stoker link and making the same. W. M. Duncan. 2,370,236; Feb. 27.
Stoker signal. G. Orphan. 2,376,079; May 15.
Stoker, Spreader. W. Kessler. 2,390,155; Dec. 4.
Stoking apparatus. C. E. Shaffer and A. B. Fisher, Jr. 2,388,294; Nov. 6.
Stone and making, Synthetic. P. W. Jones and J. W. Swezey. 2,382,154; Aug. 14.
Stone crushing apparatus. L. H. Kessler. 2,373,691; Apr. 17.
Stool. O. C. Blomgren. 2,368,740; Feb. 6.
Stool. G. Mather. 2,390,546; Dec. 11.
Stool. R. A. Wagner, Sr. 2,369,930; Feb. 20.
Stool and stepladder, Combination. C. R. Griggs. 2,368,541; Jan. 30.
Stool, Collapsible. W. Witt. 2,385,900; Oct. 2.
Stool, Combination. E. S. Reid. 2,375,819; May 15.
Stool, Drummer's. B. C. Rentie. 2,367,052; Jan. 9.
Stool, Folding. E. A. F. M. Naon. 2,385,458; Sept. 25.
Stool, Folding. P. J. Russell. 2,366,560; Jan. 2.
Stool or chair. T. A. Fallon, Sr. 2,369,289; Feb. 13.
Stop and mounting, Safety. E. Bourland. 2,374,326; Apr. 24.
Stop and pusher, Combination. J. Kerner. 2,372,499; Mar. 27.
Stop, Cushion. R. R. Hart. 2,373,757; Apr. 17.
Stop device, Check controlled. H. E. Marvel. 2,390,605; Dec. 11.
Stop for metalworking machines, Stock. A. E. Drissner and W. J. Hogg. 2,381,441; Aug. 7.
Stop for vehicle repair mechanics. W. R. Anderson. 2,378,678; June 19.
Stop leak pipe joint clamp. D. Lappin. 2,366,341; Jan. 2.
Stop means for textile machines. H. Searles, L. W. Griffis and E. Carlson. 2,371,110; Mar. 6.
Stop means, Locking bar. R. W. May. 2,378,941; June 26.
Stop mechanism, Adjustable. H. A. Strickland, Jr. 2,379,463; July 3.
Stop mechanism and warning signal for knitting machines, Tension control. R. N. Auble. 2,383,838; Aug. 28.
Stop mechanism for machine tools. G. H. Williams. 2,373,934; Apr. 17.
Stop mechanism operating means. R. A. Collins. 2,367,187; Jan. 16.
Stoker mechanism, Spreader. R. T. French. 2,390,062; Dec. 4.
Stop motion. B. C. Gibbs and R. H. Roughsedge. 2,367,768; Jan. 23.
Stop motion device for pile fabric looms. T. Van Heek. 2,384,357; Sept. 4.
Stop motion for textile machines. H. T. Overbey. 2,381,683–4; Aug. 7.
Stop motion for yarn handling machines. A. E. Winslow. 2,375,605; May 8.
Stop release for turret lathes, Adjustable dog. L. P. Takac, Jr. 2,386,014; Oct. 2.
Stopper, Bottle. A. H. Johnson. 2,370,732; Mar. 6.
Stopper, Cinder notch. A. F. Giese, Jr. 2,376,048; May 15.
Stopper, Pipe. L. Glashow. 2,373,242; Apr. 10.
Stopper, Vacuum release. A. Skar. 2,385,847; Oct. 2.
Stopping means for looms. C. D. Brown. 2,383,931; Sept. 4.
Storage and conveying apparatus, Ash. F. L. Stokoe. 2,379,998; July 10.
Storage apparatus, Liquid-sealed fluid. W. G. Laird. 2,383,555; Aug. 28.
Storage batteries, Sealing. R. A. Daily. 2,388,042; Oct. 30.
Storage battery electrode. H. D. Wilson. 2,367,453; Jan. 16.
Storage rack. E. E. Kintz. 2,380,316; July 10.
Storage system, Polar relay. J. A. Spencer. 2,389,694; Nov. 27.
Storage system, Under water fuel. W. J. Benckert. 2,383,840; Aug. 28.
Storage tank. J. T. Royer. 2,378,159; June 12.
Storage tank and method of storing liquids, Floating roof. W. G. Laird. 2,366,911; Jan. 9.
Storing, atomizing, and generating liquefied petroleum gases, Method and apparatus for. J. R. Holicer. 2,386,554; Oct. 9.
Storing device and selecting means therefor, Data. W. Leathers and J. Haddad. 2,386,482; Oct. 9.
Storm window fastener. H. J. Diederich. 2,374,426; Apr. 24.
Stove. J. Bilan. 2,388,593; Nov. 6.
Stove. J. F. Joy. 2,383,488; Aug. 28.
Stove. B. B. Kahn. 2,372,086; Mar. 20.
Stoves and furnaces, Internal construction for. P. Wingert. 2,390,483; Dec. 4.
Stove construction. A. Nelson and H. H. Niemann. 2,373,492; Apr. 10.
Stove, Heating. H. R. Blumstengel. 2,367,094; Jan. 9.
Stove, Heating. G. Klein. 2,374,438; Apr. 24.
Stove, Hot-blast. F. C. Swartz. 2,376,099; May 15.
Stove, Magazine. W. A. Burke and H. J. and W. O. Frese. 2,384,596; Sept. 11.
Stove or furnace construction. E. M. Franklin. 2,382,785; Aug. 14.
Stove, Portable. W. E. Baxter. 2,384,272; Sept. 4.
Stove, Rural. M. Carol. 2,375,466; May 8.
Straight-bar knitting machine. H. W. Start and E. Start. 2,370,501; Feb. 27.
Straight stem vent valve. J. A. Parton and J. B. Pace. 2,385,584; Sept. 25.
Straightener, Round. J. B. Sutton. 2,376,401; May 22.
Strain-relief for electric cords. W. Leathers. 2,375,373; May 8.

Steam generating apparatus. W. R. Hainsworth. 2,368,467; Jan. 30.
Steam generator. J. P. Badenhausen. 2,367,558–9; Jan. 16.
Steam generator. J. P. Badenhausen. 2,384,588; Sept. 11.
Steam generator. G. H. Daniels. 2,371,226; Mar. 13.
Steam generator. E. J. De Cota. 2,389,898; Nov. 27.
Steam generator. J. H. Jacobs. 2,374,818; May 1.
Steam generator. T. C. Johnson. 2,391,628; Dec. 25.
Steam generator. M. H. Kuhner. 2,379,009; June 26.
Steam generator. T. Nagel. 2,374,882; May 1.
Steam generator. G. Sanders. 2,382,176; Aug. 14.
Steam generator. G. A. Skaggs. 2,388,345; Nov. 6.
Steam generator. J. A. Standing. 2,384,704; Sept. 11.
Steam heating system and control valve therefor. W. T. Ferguson. 2,378,760; June 19.
Steam iron. E. O. Morton. 2,387,281; Oct. 23.
Steam jet pump. W. H. Tinker. 2,369,692; Feb. 20.
Steam joint. B. A. Malkin. 2,366,541; Jan. 2.
Steam motor. M. I. Topalov. 2,379,324; June 26.
Steam pump. P. A. McCormick. 2,381,298; Aug. 7.
Steam separator. P. B. Place. 2,378,429; June 19.
Steam separator. P. B. Place. 2,378,862; June 19.
Steam trap. W. D. Booker. 2,378,748; June 19.
Steam turbine. E. Gente. 2,382,705; Aug. 14.
Steamer Hat. R. C. Utley and A. Feilchenfeld, Jr. 2,369,623; Feb. 13.
Steatite-type body and producing same. H. L. Crowley and A. M. Hossenlopp. 2,382,137; Aug. 14.
Steel alloys. C. B. Post and M. C. Fetzer. 2,379,988; July 10.
Steel and article thereof, Shallow hardening J. Z. Briggs. 2,369,656; Feb. 20.
Steel and improving the creep strength thereof. R. F. Miller. 2,376,073; May 15.
Steel cartridge case. S. A. Snell. 2,373,921; Apr. 17.
Steel, Copper bearing stainless. R. H. Thielemann. 2,382,273; Aug. 14.
Steel, Deep-drawing. J. E. Lose. 2,387,919; Oct. 30.
Steel for drawing, Treating. J. E. Millen. 2,369,596; Feb. 13.
Steel, hardened article, Fine-grained. W. Crafts. 2,382,467; Aug. 14.
Steel, Heat-treating high-speed tool. F. A. Endress. 2,383,299; Aug. 21.
Steel in elevated temperature service under stress. M. A. Grossmann and R. F. Miller. 2,389,043; Nov. 13.
Steel, Making chromium-nickel austenitic stainless. S. F. Urban. 2,374,396; Apr. 24.
Steel, Making deep drawing. C. E. Bayer and C. E. Carr. 2,390,346; Dec. 4.
Steel or iron, Treatment of. H. T. Chandler. 2,370,289; Feb. 27.
Steel particles from particles of abrasive material, Procedure and apparatus for separating stainless. W. E. Griffiths. 2,372,321; Mar. 27.
Steel, Permanent magnet. D. R. Howerton. 2,383,969; Sept. 4.
Steel plate from corrosion and preparing elements of container bodies therefrom, Preserving. F. J. O'Brien and C. E. Maier. 2,386,813; Oct. 16.
Steel powder. J. Wulff. 2,368,282; Jan. 30.
Steel, Producing designs on stainless. C. Batcheller. 2,375,613; May 8.
Steel, Producing high-tensile strength deep-drawing. J. W. Kinnear, Jr. 2,389,516; Nov. 20.
Steel, Production of alloy. E. F. Doom. 2,375,291; May 8.
Steel, Production of electric silicon. J. D. Gat. 2,389,497; Nov. 20.
Steel, Production of soft cold reduced. F. G. Campbell and E. L. Robinson. 2,377,922; June 12.
Steel, Scaling stainless. A. W. Bromberg. 2,389,838; Nov 27.
Steel, Treating inherently aging chromium-nickel stainless. G. V. Smith. 2,374,388; Apr. 24.
Steel, Treating inherently aging chromium-nickel stainless. E. H. Wyche. 2,390,023; Nov. 27.
Steels and articles of manufacture produced therefrom, Beryllium cobalt alloy. E. G. Touceda and R. P. De Vries. 2,382,680; Aug. 14.
Steels, Carburizing. F. R. Bonte. 2,381,638; Aug. 7.
Steels, Cold rolled manganese. R. Franks. 2,378,991; June 26.
Steels, Cold rolled manganese. R. Franks. 2,378,993–4; June 26.
Steels, Hardenable. W. Crafts. 2,382,466; Aug. 14.
Steels, Hardening. R. S. Wile. 2,374,634; Apr. 24.
Steels, Passivating stainless. H. H. Uhlig. 2,390,402; Dec. 4.
Steels, Spheroidising S. A. E. 2300 series. H. H. Schneider. 2,376,454; May 22.
Steerable road wheel mounting. W. S. Berry and R. H. Phelps and T. Ulrich. 2,369,644; Feb. 20.
Steering apparatus. H. Hamill. 2,368,135; Jan. 30.
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Stereoscope. R. E. McClure. 2,368,480; Jan. 30.
Stereoscopic acuity testing device. G. J. Koch. 2,391,248; Dec. 18.
Stereoscopic apparatus. H. J. Tickell. 2,380,088; July 10.
Stereoscopic modeling machine. L. A. Schols. 2,386,816; Oct. 16.
Sterilization of evaporated milk in glass containers. R. Whitaker, R. P. Myers, and R. E. Homberger. 2,388,103; Oct. 30.
Sterilizer, Ultraviolet. R. A. Hrabak. 2,381,450–2; Aug. 7.
Sterilizer, Wet-pack. F. M. Miner, Jr. 2,376,611; May 22.
Sterilizing. L. H. James. 2,380,696; July 31.
Sterilizing air, Method and apparatus for. B. H. Jennings and E. Bigg. 2,369,900; Feb. 20.
Sterilizing and disinfecting products, Producing. I. and W. Kreidl. 2,374,754; May 1.
Sterilizing apparatus and process. C. A. French. 2,386,676; Oct. 9.
Sterilizing container. C. B. Raven. 2,384,398; Sept. 4.
Steroidal compounds and obtaining the same. R. B. Wagner. 2,380,483–4; July 31.
Steroids, Dehalogenation of. P. L. Julian, J. W. Cole, A. Magnani, and H. E. Conde. 2,374,683; May 1.
Sterol and steroid derivatives. H. R. Rosenberg and S. G. Turnbull, Jr. 2,375,874; May 15.
Sterol and steroid esters. H. R. Rosenberg and S. G. Turnbull, Jr. 2,375,873; May 15.
Sterol derivatives, New. H. R. Rosenberg and S. G. Turnbull, Jr. 2,386,636; Oct. 9.

Sterol derivatives, Production of. D. H. Terry. 2,376,563; May 22.
Sterols, Preparation of 7-dehydro. H. R. Rosenberg. 2,376,816; May 22.
Sterols, Treatment of. J. Rosin. 2,391,743; Dec. 25.
Stethoscope, Accoustic. H. F. Olson. 2,389,868; Nov. 27.
Stevedore jack. B. N. Williams and T. D. Sanford. 2,369,383; Feb. 13.
Stick holder. L. D. Overland. 2,377,364; June 5.
Stick, Hoop. E. Entringer. 2,381,581; Aug. 7.
Stick, Plastic picker. O. L. Carter and T. A. Putnam. 2,389,595; Nov. 27.
Stick-water, Treating. W. Martin. 2,367,415; Jan. 16.
Stiffener, Bladder. J. W. Overbeke. 2,380,866; July 31.
Stiffener and making the same, Shoe. E. L. Beckwith and A. P. Swett. 2,390,347; Dec. 4.
Stiffener, Shoe. W. H. Heaton. 2,381,590; Aug. 7.
Stiffening material. F. W. Chamberlain. 2,379,881; July 10.
Still. G. T. Jacocks. 2,376,146; May 15.
Still. G. T. Jacocks. 2,388,328; Nov. 6.
Still, Light weight portable. A. J. Laliberte. 2,376,876; May 29.
Still, Solar water. W. S. Barnes. 2,383,234; Aug. 21.
Stippler, Roller. A. T. Adams. 2,368,513; Jan. 30.
Stirring and mixing device. G. L. Hervert. 2,377,937; June 12.
Stirring device. E. L. Fritzberg. 2,390,579; Dec. 11.
Stirrup, Snap-on hot line. E. Gunzburger. 2,370,857; Mar. 6.
Stitch regulating mechanism. O. Fregeolle. 2,369,780; Feb. 20.
Stitch sewing machine, Special. C. W. Johnson. 2,389,151; Nov. 20.
Stitching machine. W. R. Spiller and R. J. Niederhauser. 2,391,488; Dec. 25.
Stock distributor. L. Hornbostel. 2,371,692; Mar. 20.
Stock feed mechanism. S. Sherrow. 2,368,890; Feb. 6.
Stock feeder. C. O. Halverson. 2,371,617; Mar. 20.
Stock having a square hole and making said stock, Metal. E. A. Zempel. 2,380,628; July 31.
Stock inlet. F. A. Helin. 2,384,912; Sept. 18.
Stock inlet. L. Hornbostel and E. E. Berry. 2,381,286; Aug. 7.
Stock, Making gold filled. T. C. Jarrett. 2,389,981; Nov. 27.
Stock regulator for paper machines. E. A. Poirier. 2,379,746; July 3.
Stock straightener. H. J. Shibovich. 2,389,644; Nov. 27.
Stocking and knitting the same. F. R. Page. 2,375,684; May 8.
Stocking and producing the same, Full-fashioned. P. Schmidt. 2,390,003; Nov. 27.
Stocking foot. G. Kasket. 2,391,165; Dec. 18.
Stocking foot. A. Y. Steffanson. 2,376,398; May 22.
Stocking welt construction, Producing. O. F. Smetana. 2,383,350; Aug. 21.
Stoker. R. L. Beers. 2,373,448; Apr. 10.
Stoker. R. L. Beers. 2,384,432; Sept. 11.
Stoker. J. S. Bennett. 2,387,383; Oct. 23.
Stoker. S. W. Guthrie. 2,366,783; Jan. 9.
Stoker. F. G. Julyan and W. M. Schweickart. 2,370,246; Feb. 27.
Stoker. G. Molotzak. 2,377,357; June 5.
Stoker. F. J. Palmer. 2,370,067; Feb. 20.
Stoker. J. M. Pilcher and F. F. Dennis. 2,380,260; July 10.
Stoker. H. E. Preston. 2,385,027; Sept. 18.
Stoker. B. R. Robinson. 2,367,799; Jan. 23.
Stoker. R. A. Sherman. 2,371,191; Mar. 13.
Stoker. R. W. Suman. 2,387,781; Oct. 30.
Stoker and its operation, Underfeed. T. S. Spicer and C. C. Wright. 2,378,805; June 19.
Stoker apparatus. S. H. Chapman. 2,382,293; Aug. 14.
Stoker apparatus. R. A. Foresman, D. J. Mosshart, and A. F. Schultz. 2,369,957; Feb. 20.
Stoker apparatus. W. T. Hanna. 2,380,840; July 31.
Stoker apparatus. A. F. Schultz and D. J. Mosshart. 2,391,596; Dec. 25.
Stoker apparatus. E. R. Stone. 2,391,600; Dec. 25.
Stoker apparatus, Spreader. S. H. Chapman. 2,370,936; Mar. 6.
Stoker apparatus, Spreader. W. Kessler. 2,390,154; Dec. 4.
Stoker apparatus, Spreader. A. F. Schwendner. 2,391,597; Dec. 25.
Stoker, Automatic. W. M. Fulton. 2,377,874; June 12.
Stoker, Automatic. W. M. Fulton. 2,385,782; Oct. 2.
Stoker, Automatic. I. A. Winter. Re. 22,694; Nov. 20.
Stoker control. S. G. Isserstedt. 2,373,186; Apr. 10.
Stoker control apparatus. C. Hotchkiss. 2,385,811; Oct. 2.
Stoker control system. V. R. Tate. 2,373,150; Apr. 10.
Stoker damper control. F. W. Stuart. 2,372,863; Apr. 3.
Stoker, Fuel. D. R. Stahl. 2,388,805; Nov. 13.
Stoker gas back. F. G. Julyan. 2,387,400; Oct. 23.
Stoker link and making the same. W. M. Duncan. 2,370,236; Feb. 27.
Stoker signal. G. Orphan. 2,376,079; May 15.
Stoker, Spreader. W. Kessler. 2,390,155; Dec. 4.
Stoking apparatus. C. E. Shaffer and A. B. Fisher, Jr. 2,388,294; Nov. 6.
Stone and making, Synthetic. P. W. Jones and J. W. Swezey. 2,382,154; Aug. 14.
Stone crushing apparatus. L. H. Kessler. 2,373,691; Apr. 17.
Stool. O. C. Blomgren. 2,368,740; Feb. 6.
Stool. G. Mather. 2,390,546; Dec. 11.
Stool. R. A. Wagner, Sr. 2,369,930; Feb. 20.
Stool and stepladder, Combination. C. R. Griggs. 2,368,541; Jan. 30.
Stool, Collapsible. W. Witt. 2,385,900; Oct. 2.
Stool, Combination. E. S. Reid. 2,375,819; May 15.
Stool, Drummer's. B. C. Rentie. 2,367,052; Jan. 9.
Stool, Folding. E. A. F. M. Naon. 2,385,458; Sept. 25.
Stool, Folding. P. J. Russell. 2,366,560; Jan. 2.
Stool or chair. T. A. Fallon, Sr. 2,369,289; Feb. 13.
Stop and mounting, Safety. E. Bourland. 2,374,326; Apr. 24.
Stop and pusher, Combination. J. Kerner. 2,372,499; Mar. 27.
Stop, Cushion. R. R. Hart. 2,373,757; Apr. 17.
Stop device, Check controlled. H. E. Marvel. 2,390,605; Dec. 11.
Stop for metalworking machines, Stock. A. E. Drissner and W. J. Hogg. 2,381,441; Aug. 7.
Stop for vehicle repair mechanics. W. R. Anderson. 2,378,678; June 19.
Stop leak pipe joint clamp. D. Lappin. 2,366,341; Jan. 2.
Stop means for textile machines. H. Searles, L. W. Griffis and E. Carlson. 2,371,110; Mar. 6.
Stop means, Locking bar. R. W. May. 2,378,941; June 26.
Stop mechanism, Adjustable. H. A. Strickland, Jr. 2,379,463; July 3.
Stop mechanism and warning signal for knitting machines, Tension control. R. N. Auble. 2,383,838; Aug. 28.
Stop mechanism for machine tools. G. H. Williams. 2,373,934; Apr. 17.
Stop mechanism operating means. R. A. Collins. 2,367,187; Jan. 16.
Stoker mechanism, Spreader. R. T. French. 2,390,062; Dec. 4.
Stop motion. B. C. Gibbs and R. H. Roughsedge. 2,367,768; Jan. 23.
Stop motion device for pile fabric looms. T. Van Heek. 2,384,357; Sept. 4.
Stop motion for textile machines. H. T. Overbey. 2,381,683–4; Aug. 7.
Stop motion for yarn handling machines. A. E. Winslow. 2,375,605; May 8.
Stop release for turret lathes, Adjustable dog. L. P. Takac, Jr. 2,386,014; Oct. 2.
Stopper, Bottle. A. H. Johnson. 2,370,732; Mar. 6.
Stopper, Cinder notch. A. F. Giese, Jr. 2,376,048; May 15.
Stopper, Pipe. L. Glashow. 2,373,242; Apr. 10.
Stopper, Vacuum release. A. Skar. 2,385,847; Oct. 2.
Stopping means for looms. C. D. Brown. 2,383,931; Sept. 4.
Storage and conveying apparatus, Ash. F. L. Stokoe. 2,379,998; July 10.
Storage apparatus, Liquid-sealed fluid. W. G. Laird. 2,383,555; Aug. 28.
Storage batteries, Sealing. R. A. Daily. 2,388,042; Oct. 30.
Storage battery electrode. H. D. Wilson. 2,367,453; Jan. 16.
Storage rack. E. E. Kintz. 2,380,316; July 10.
Storage system, Polar relay. J. A. Spencer. 2,389,694; Nov. 27.
Storage system, Under water fuel. W. J. Benckert. 2,383,840; Aug. 28.
Storage tank. J. T. Royer. 2,378,159; June 12.
Storage tank and method of storing liquids, Floating roof. W. G. Laird. 2,366,911; Jan. 9.
Storing, atomizing, and generating liquefied petroleum gases, Method and apparatus for. J. R. Holicer. 2,386,554; Oct. 9.
Storing device and selecting means therefor, Data. W. Leathers and J. Haddad. 2,386,482; Oct. 9.
Storm window fastener. H. J. Diederich. 2,374,426; Apr. 24.
Stove. J. Bilan. 2,388,593; Nov. 6.
Stove. J. F. Joy. 2,383,488; Aug. 28.
Stove. B. B. Kahn. 2,372,086; Mar. 20.
Stoves and furnaces, Internal construction for. P. Wingert. 2,390,483; Dec. 4.
Stove construction. A. Nelson and H. H. Niemann. 2,373,492; Apr. 10.
Stove, Heating. H. R. Blumstengel. 2,367,094; Jan. 9.
Stove, Heating. G. Klein. 2,374,438; Apr. 24.
Stove, Hot-blast. F. C. Swartz. 2,376,099; May 15.
Stove, Magazine. W. A. Burke and H. J. and W. O. Frese. 2,384,596; Sept. 11.
Stove or furnace construction. E. M. Franklin. 2,382,785; Aug. 14.
Stove, Portable. W. E. Baxter. 2,384,272; Sept. 4.
Stove, Rural. M. Carol. 2,375,466; May 8.
Straight-bar knitting machine. H. W. Start and E. Start. 2,370,501; Feb. 27.
Straight stem vent valve. J. A. Parton and J. B. Pace. 2,385,584; Sept. 25.
Straightener, Round. J. B. Sutton. 2,376,401; May 22.
Strain-relief for electric cords. W. Leathers. 2,375,373; May 8.

Strain relief, Molded. D. D. McQuiston. 2,386,000; Oct. 2.
Strainer. R. W. Johnson and L. V. McCarty. 2,369,740; Feb. 20.
Strainer. D. R. McNeal. 2,366,451; Jan. 2.
Strainer. O. Muller. 2,374,613; Apr. 24.
Strainer bags, Detachably mounting. A. M. Goodloe and L. A. Kisch. 2,381,949; Aug. 14.
Strainer body and harness therefor. L. A. Kisch and E. J. Herter, Jr. 2,374,756; May 1.
Strainer, Downspout. E. A. Robertson. 2,377,373; June 5.
Strainer for radiator circulating systems, Removable. L. C. Wetherell. 2,384,057; Sept. 4.
Strainer, Gasoline station pump nozzle. A. Klazkin and M. J. Danciger. 2,368,145; Jan. 30.
Strainer unit. R. B. Kingman. 2,371,895; Mar. 20.
Strand handling apparatus. G. C. Spillman. 2,382,922; Aug. 14.
Strand materials, Treating. C. C. Smith. 2,386,748; Oct. 2.
Strands, Handling. J. N. Selvig. 2,379,755; July 3.
Strands of material, Making and packaging. H. W. Collins. 2,386,158; Oct. 2.
Strap, All-metal adjustable jack. C. H. King. 2,370,406; Feb. 27.
Strap fastener. W. G. Vasey. 2,389,335; Nov. 20.
Strap, Cabling. S. P. Hull, J. J. Corcoran, and B. A. Lundy. 2,390,940; Dec. 11.
Strap nature for armchairs. A. B. Muller. 2,383,918; Aug. 28.
Strap for cargo lashing equipment. G. C. Soule and W. Cote. 2,384,404; Sept. 4.
Strap handle holder. B. R. Thiele. 2,374,629; Apr. 24.
Strap stretching and sealing apparatus. W. C. Childress and J. M. Royal. 2,375,769; May 15.
Strap structure. H. L. Zimmerman. 2,377,061; May 29.
Strap, Wrist watch. J. A. Traum. 2,383,628; Aug. 28.
Strapping or banding machine. J. T. Cooper. 2,371,806; Mar. 20.
Strata in bore holes, Plugging. N. B. Dismukes. 2,371,383; Stream current apparatus for handling solutions and suspensions. G. A. Auer. 2,386,419; Oct. 9.
Streamlined models, Producing. W. H. Caraway. 2,382,974; Aug. 21.
Stress, Measurement of. H. Davis. 2,370,845; Mar. 6.
Stressed skin airfoil joint. M. Watter. 2,382,358; Aug. 14.
Stretcher. C. C. Carpenter. 2,367,167; Jan. 9.
Stretcher. D. J. Gunnell. 2,384,299; Sept. 4.
Stretcher. R. C. Hughes. 2,377,940; June 12.
Stretcher. J. H. Levison. 2,379,365; June 26.
Stretcher accommodation means for vehicles or the like. A. S. Malling. 2,387,082; Oct. 16.
Stretcher, Barbed-wire. J. H. Sayles. 2,386,751; Oct. 16.
Stretcher, Combined hoist, jack and wire. F. W. Coffing. 2,377,324; June 5.
Stretcher, Garment. A. C. Schoepfer and J. W. Parker. 2,390,004; Nov. 27.
Stretcher, Pelt. G. S. West. 2,380,135; July 10.
Stretching and spudding machine. W. Green. 2,389,620; Nov. 27.
Stretching device, Boot and shoe. C. Gregory. 2,385,270; Sept. 18.
Stretching table. C. M. Martin. 2,385,998; Oct. 2.
Striking implements, Construction of. T. L. Johnson. 2,379,006; June 26.
String with an inside cutting-off sub incorporated therein, Drilling. K. E. Waggener. 2,378,602; June 19
Stringing machine, Racquet. M. Caro and G. Lambet. 2,389,609; Nov. 27.
Stringing needles. E. E. West. 2,367,986; Jan. 23.
Strip applying machine. H. C. Paulsen. 2,383,560; Aug. 28.
Strip burster. J. T. Davidson. 2,380,949; Aug. 7.
Strip, Buttonhole. H. Pecker. 2,373,594; Apr. 10.
Strip coiling apparatus. C. M. MacChesney. 2,378,024; June 12.
Strip-controlling device for sewing machines. J. E. Ackerman. 2,370,511; Feb. 27.
Strip cutting machine. G. G. Somerville. 2,369,617; Feb. 13.
Strip feed. A. E. Borton. 2,380,918; Aug. 7.
Strip feed guide. A. S. Howell. 3,374,486; Apr. 24.
Strip feeding mechanism. W. L. Sullivan. 2,376,204; May 15.
Strip forming apparatus. C. Norton. 2,384,485-6; Sept. 11.
Strip-guiding device for sewing machines. J. E. Ackerman and F. F. Zeier. 2,376,646; May 22.
Strip handling apparatus. L. Johnson, Jr., and M. D. Stout. 2,369,830; Feb. 20.
Strip mechanism. W. A. Swertfager and C. L. Clark. 2,369,187; Feb. 13.
Strip, Method and apparatus for coating. J. D. Keller. 2,377,632; June 5.
Strip, Method and apparatus for rolling. R. J. Wean. 2,370,895; Mar. 6.
Strip pickling, Continuous. S. J. Dishauzi. 2,381,652; Aug. 7.
Strip server. T. R. Gautier and R. W. Hoitt. 2,382,787; Aug. 14.
Strip, Support for coiled. P. H. Washam, Jr. 2,369,093; Feb. 6.
Striper. J. E. Doss. 2,369,342; Feb. 13.
Stripper for punch presses, Hydraulic. C. M. Eason. 2,378,068; June 12.
Stripper, Wire-block. W. Morgan and C. D. Wesson. 2,370,482; Feb. 27.
Stripping machine. F. Hopper. 2,390,369; Dec. 4.
Stripping mechanism, Hydraulic. C. M. Eason. 2,378,069; June 12.
Stripping system, Powdered solids. J. F. Snuggs. 2,367,894; Jan. 23.
Stroboscopic device for checking electric meters, Portable. G. E. Maillat. 2,371,904; Mar. 20.
Strongback. A. D. Pertile and H. J. Barnett. 2,377,033; May 29.
Strontium oxide, Manufacture of. J. B. Pierce, Jr. 2,382,909; Aug. 14.
Strontium peroxide and manufacturing same. L. H. Dawsey and H. A. Rudolph. 2,375,772; May 15.
Strontium, Purification of. P. P. Alexander. 2,375,201; May 8.
Structural connection, Flexible welded. E. Scheyer. 2,382,584; Aug. 14.
Structural connector. H. A. Taylor. 2,385,893; Oct. 2.
Structural element. P. J. Corbin. 2,382,206; Aug. 14.
Structural element having low heat conductivity. R. S. Dean. 2,366,601; Jan. 2.
Structural frame. N. W. Dalton. 2,389,767; Nov. 27.
Structural material. J. L. M. S. B. Banks. 2,369,006; Feb. 6
Structural material, Double-wall. R. H. Folsom. 2,389,769; Nov. 27.
Structural material. D. Finlayson and F. C. Hale. 2,377,335; June 5.
Structural material and making it, Artificial. P. W. Jones and J. W. Swezey. 2,382,155; Aug. 14.
Structural member. E. D. Pieri and J. E. Bowen. 2,384,849; Sept. 18.
Structural member. R. E. Spaulding. 2,386,724; Oct. 9.
Structural members, Producing. T. Collins. 2,376,574; May 22.
Structural section for flexible welded connections. E. Scheyer. 2,382,583; Aug. 14.
Structural toy assembly aid. E. M. Roach. 2,377,904; June 12.
Structural unit and assembly. G. W. Pancoe and A. G. Dean. 2,386,710; Oct. 9.
Structural unit for aircraft and the like. R. W. Mitchell. 2,372,510; Mar. 27.
Structural unit, Internally insulated. C. R. Weiller 2,391,049; Dec. 18.
Structure. W. T. Van Orman. 2,371,776; Mar. 20.
Structure. W. T. Van Orman. 2,391,282; Dec. 18.
Structure and forming the same. W. E. Landow. 2,377,160; May 29.
Structure and structural element, Composite. W. A. Phillips. 2,389,238; Nov. 20.
Structure for airplanes, Wing. W. T. Reid. 2,391,514; Dec. 25.
Structure for containers or the like, Prefabricated. H. B. Lindsay. 2,377,702; June 5.
Structure for crawler tractors, Frame and drawbar. D. B. Baker and W. O. Bechman. 2,391,002; Dec. 18.
Structure, Power take-off. K. W. Couse. 2,390,513; Dec. 11.
Structure to be porcelained and producing the same. J. L. Grant. 2,370,304; Feb. 27.
Structures and related articles and making the same, Plywood. G. F. D'Alelio. 2,389,418; Nov. 20.
Structures, Differential widening means for control. K. O. Kearney. 2,389,436; Nov. 20.
Stud. R. E. Somers. 2,384,403; Sept. 4.
Stud, Adjustable rotary operative fastener. F. E. Johnson. 2,378,638; June 19.
Stud assembly. A. Venditty. 2,369,091; Feb. 6.
Stud or the like, Self-locking. F. W. Johnson. 2,386,897; Oct. 16.
Stud pad. L. A. Martine-Lally, W. A. Doney, and J. C. Ditto. 2,367,039; Jan. 9.
Stud, rafter, and joist bracket. S. E. Ralston. 2,369,687; Feb. 20.
Stud setting device. J. V. Walker. 2,390,034; Nov. 27.
Studio spot lamp. J. C. Rose. 2,368,781; Feb. 6.
Stuffing box. J. M. G. Fullman. 2,371,753; Mar. 20.
Stuffing box. J. P. Ratigan. 2,380,189; July 10.
Stuffing machine, Sausage. C. T. Walter. 2,373,865; Apr. 17.
Stump-jump mechanism for agricultural implements. R. C. Ash. 2,379,779; July 3.
Stylus. F. W. Schmidt. 2,385,945; Oct. 2.
Stylus for facsimile recorder, Adjustable. G. H. Ridings and R. J. Wise. 2,375,620; May 15.
Styrene and butadiene, Production of. J. M. Mavity. 2,376,549; May 22.
Styrene and ethylbenzene, Manufacture of. C. Weismann. 2,384,984; Sept. 18.
Styrene and its derivatives, Polymerization of. V. H. Turkington and L. R. Whiting. 2,367,810; Jan. 23.
Styrene distillation. R. E. Schneider. 2,385,235; Sept. 18.
Styrene fractionation. T. A. Gadwa. 2,370,948; Mar. 6.
Styrene from butadiene, Production of. V. Voorhees. 2,376,985; May 29.
Styrene from monocyclic terpenes, Dimethyl. J. K. Dixon. 2,376,310; May 15.
Styrene, Manufacture of. G. Egloff. 2,376,533; May 22.

Styrene, Manufacture of. W. J. Mattox. 2,389,444; Nov. 20.
Styrene, Manufacture of. W. J. Mattox. 2,389,801; Nov. 27.
Styrene polymers, Depolymerization of. F. J. Soday. 2,372,528; Mar. 27.
Styrene, Production of. G. Egloff. 2,376,532; May 22.
Styrene, Production of. J. W. Livingston. 2,389,793; Nov. 27.
Styrene, Production of. W. J. Mattox. 2,376,709; May 22.
Styrene separation. A. W. Francis and E. E. Reid. 2,377,221; May 29.
Styrene sheets, Flattening curly polymerized. J. P. Putnam. 2,386,976; Oct. 16.
Styrenes and other products, Production of. M. G. Sturrock and T. Lawe. 2,373,982; Apr. 17.
Subharmonic generator. J. B. Daly. 2,383,777; Aug. 28.
Subirrigation device for the propagation of plants. F. N. P. Supplee. 2,379,549; July 3.
Submarine emergency saver. Y. S. Ming. 2,374,296; Apr. 24.
Submarine excavating device. J. Kalix. 2,371,174; Mar. 13.
Submarine foundation. G. L. Young. 2,382,763; Aug. 14.
Submarine net. D. A. Wallace. 2,383,095; Aug. 21.
Submarine signaling apparatus. B. M. Harrison. 2,384,465; Sept. 11.
Submerged resistor type indicator furnace. M. and M. Tama. 2,381,523; Aug. 7.
Submergible switch. M. L. Jeffrey. 2,368,926; Feb. 6.
Submersible container. I. R. J. Mumford. 2,371,404; Mar. 13.
Submersible deep well pump. H. C. French. 2,368,131; Jan. 30.
Submersible structure. T. G. Myers. 2,381,615; Aug. 7.
Subscriber's calling device in electroacoustic transmission apparatus. O. Tschumi. 2,383,355; Aug. 21.
Substances promoting the growth of yeast and other unicellular plants, Manufacture of. F. Bergel, A. L. Morrison, N. C. Hindley, and A. R. Moss. 2,372,654; Apr. 3.
Substances rich in riboflavin, Production of. D. A. Legg and S. C. Beesch. 2,370,177; Feb. 27.
Substances, Treating. H. W. Abshire. 2,369,123; Feb. 13.
Substation circuit. J. W. Foley and J. W. Emling. 2,385,265; Sept. 18.
Substitute for tin horns. J. E. Wilson. 2,385,752; Sept. 25.
Substation circuit. A. E. Woodruff. 2,391,533; Dec. 25.
Substituted 1,3,5-triazinyl-(6)-aminophenyl-arsenic compounds. E. A. H. Friedheim. 2,390,089-2; Dec. 4.
Sucker rod hanger. J. L. Haddock and S. Dixon. 2,389,045; Nov. 13.
Sucker rod wrench. F. S. Budrow and K. N. Mills. 2,373,054; Apr. 3.
Suction cleaner. B. C. Becker. 2,366,479; Jan. 2.
Suction cleaner. Q. Berg. 2,366,481; Jan. 2.
Suction cleaner. D. C. Gerber and R. C. Osborn. 2,387,655; Oct. 23.
Suction cleaner. L. A. Griffith. 2,389,042; Nov. 13.
Suction cleaner. J. H. Nuffer and L. H. Latta. 2,388,279-80; Nov. 6.
Suction cleaner. R. C. Osborn. 2,379,316; June 26.
Suction cleaner. E. L. Snyder. 2,389,877; Nov. 27.
Suction cleaner. T. A. Stoner. 2,372,860; Apr. 3.
Suction cleaner. C. H. Taylor. Re. 22,594; Jan. 23.
Suction cleaner. H. B. White. 2,377,060; May 29.
Suction cleaner. H. B. White. 2,389,881; Nov. 27.
Suction cleaner apparatus. C. H. Taylor. 2,373,274; Apr. 10.
Suction cleaning apparatus. J. P. Jason. 2,390,101; Dec. 4.
Suction cleaning apparatus. C. H. Taylor. 2,372,033; Mar. 20.
Suction cleaning apparatus. C. H. Taylor. 2,382,348; Aug. 14.
Suction cleaning apparatus. C. H. Taylor. 2,390,196; Dec. 4.
Suction cup. P. E. Eckman. 2,382,405; Aug. 14.
Suction head. A. Lissianesky. 2,386,166; Oct. 2.
Suction relief valve. W. H. Alders. 2,367,989; Jan. 23.
Sugar beet topper. J. B. Powers. 2,369,850; Feb. 20.
Sugar bowl and extractor, Sanitary. G. Tillman. 2,387,623; Oct. 23.
Sugar-cane feeder. A. M. Hewlett. 2,367,278; Jan. 16.
Sugar melts, Decolorization of. G. E. Vincent. 2,381,090; Aug. 7.
Sugar melts, Treating. L. Wickenden. 2,372,996; Apr. 3.
Sugar product and making same. M. F. Schweiger. 2,373,910; Apr. 17.
Sugar refining. R. W. Shafor. 2,391,649; Dec. 25.
Sugar refining control. W. H. Kidd. 2,377,634; June 5.
Sugar solutions, Purification of. F. N. Rawlings. 2,391,843; Dec. 25.
Sugars, Polymerization of. G. J. Leuck. 2,387,275; Oct. 23.
Sugars, Recovery of rare. L. Laufer and J. Charney. 2,379,913-14; July 10.
Suit, Buoyant utility. H. K. Shaw. 2,379,498; July 3.
Suit, Diving. J. W. Browne. 2,388,674; Nov. 13.
Suitcase, head and back rest, Combined. A. W. Doux. 2,373,106; Apr. 10.
Suit, Flying. T. J. Sellmeyer. 2,379,497; July 3.
Suit, Life preserving. S. Kronhaus. 2,383,261; Aug. 21.
Sulphanilamide derivatives, Production of. F. B. Zienty. 2,391,853; Dec. 25.
Sulphanilamido pyridazine. P. S. Winnek and R. O. Roblin, Jr. 2,371,115; Mar. 6.
Sulphanilyl guanidine, Preparing. P. S. Winnek and H. E. Faith. 2,380,006; July 10.
Sulphanilylaminohydantoin. G. W. Raiziss, Le R. W. Clemence, and M. Freifelder. 2,384,964; Sept. 18.
Sulphapyridine composition of low toxicity. G. J. Martin and M. R. Thompson. 2,376,795; May 22.
Sulphate, Producing magnesium. H. R. Brandenburg. 2,384,010; Sept. 4.
Sulphate production, Ammonium. W. Tiddy. 2,368,901; Feb. 6.
Sulpha-thiazoles. G. Newbery. 2,385,224; Sept. 18.
Sulpha-thiazoles. W. Hiemenz and P. Setz. 2,366,189; Jan. 2.
Sulphauro compounds and their production. N. R. Tronner and F. A. Bacher. 2,370,592-3; Feb. 27.
Sulphenamides, Arylene thiazyl. W. E. Messer. 2,370,253; Feb. 27.
Sulphides of alkylated aryl, oxy-organic carboxylic acids. O. M. Reiff. 2,381,854; Aug. 7.
Sulphides of dialkyl phenols. R. L. Sibley. 2,370,756; Mar. 6.
Sulphides thiocarbamyl piperidyl. R. H. Cooper. 2,388,236; Nov. 6.
Sulphite liquor, Purifying. G. J. D. Danielsson. 2,380,504; July 31.
Sulphoaliphatic guanamines. J. T. Thurston. 2,390,476; Dec. 4.
Sulpholanes, Stabilization of. R. C. Morris and A. V. Snider. 2,390,331; Dec. 18.
Sulphonamide derivatives of 4-amino-1,2,4-triazole and processes for their production. H. W. Marson. 2,367,037; Jan. 9.
Sulphonamide derivatives of 4-amino-3-methyl furazan and their production. R. O. Roblin, Jr. and G. W. Anderson. 2,367,057; Jan. 9.
Sulphonamide derivatives of 3-amino-5-methyl 1,2,4-oxadiazole and their production. R. O. Roblin, Jr. and H. E. Faith. 2,367,056; Jan. 9.
Sulphonamide derivatives, Preparation of. G. C. Butler, E. Lozinski, and A. D. Odell. 2,373,658; Apr. 17.
Sulphonamides and making same. M. Hartmann, F. Cueni, J. Druey, and H. von Meyenburg. 2,386,852; Oct. 16.
Sulphonamides as printing aids, Polar quinonyl. R. H. Kienle and C. A. Amick. 2,371,101; Mar. 6.
Sulphonated products, Purification of. W. A. Fessler. 2,383,120; Aug. 21.
Sulphonates, Difuryl. J. T. Thurston. 2,373,152; Apr 10.
Sulphonates, Furyl. J. T. Thurston. 2,385,314; Sept. 18.
Sulphonates, Preparation of organic. H. M. Grubb and E. B. Tucker. 2,374,193; Apr. 24.
Sulphonation process. E. Amott. 2,381,708; Aug. 7.
Sulphones and preparing same. L. L. Bambas. 2,389,127-8; Nov. 20.
Sulphones and their preparation, Therapeutically useful. L. L. Bambas. 2,389,126; Nov. 20.
Sulphones, Decomposition of diolefin. G. W. Hooker and S. C. Stowe. 2,373,563; Apr. 10.
Sulphones of the aromatic series and making the same. R. Tschesche. 2,382,924; Aug. 14.
Sulphonyl chloride derivatives and preparing the same. A. L. Fox. 2,370,786; Mar. 6.
Sulphonyl chlorides, Production of. M. S. Kharasch. 2,383,319; Aug. 21.
Sulphonyl compounds and their production. C. O. Henke. 2,390,253; Dec. 4.
Sulphonyl cyanamides. G. W. Anderson and R. O. Roblin, Jr. 2,390,411; Dec. 4.
Sulphonylguanidines, Production of. H. E. Faith. 2,377,485; June 5.
Sulphonyl guanylureas, Preparation of. D. W. Kaiser and J. T. Thurston. 2,368,841; Feb. 6.
Sulphopolycarboxylic acid monoamides and their preparation. A. O. Jaeger and K. L. Lynch. 2,383,130; Aug. 21.
Sulphoxy group from organic compounds containing this group, Removing the. R. Mozingo. 2,371,641; Mar. 20.
Sulphur compounds. M. de Simó and J. J. O'Connor. 2,374,983; May 1.
Sulphur compounds from hydrocarbon oils, Removal of. D. C. Bond. 2,369,771; Feb. 20.
Sulphur compounds, Organic. J. Compton. 2,388,468; Nov. 6.
Sulphur compounds, Preparing. C. M. Thacker. 2,369,377; Feb. 13.
Sulphur, Decolorizing. A. B. Menefee and H. H. Greger. 2,385,527; Sept. 25.
Sulphur dioxide and diolefines from sulphones, Recovery of. G. M. Hebbard. 2,384,376; Sept. 4.
Sulphur dioxide and low-boiling hydrocarbons from mixtures thereof, Separation of. G. W. Hooker and F. A. Landee. 2,384,378; Sept. 4.
Sulphur dioxide, Production of. A. C. Mohr. 2,391,328; Dec. 18.
Sulphur dioxide, Production of. H. F. Merriam. 2,389,071; Nov. 13.
Sulphur dioxide, Recovering. G. W. Hooker, S. C. Stowe, and L. R. Drake. 2,385,704; Sept. 25.

Sulphur dioxide recovery method. G. W. Hooker, L. R. Drake and S. C. Stowe. 2,368,545; Jan. 30.
Sulphur dye composition and manufacture. E. D. Robinson and J. C. Boesch, Jr. 2,373,261; Apr. 10.
Sulphur dyestuffs and preparing the same. A. L. Fox. 2,369,666–7; Feb. 20.
Sulphur from gases, Extraction of. W. C. Fernelius and J. P. McReynolds. 2,386,202; Oct. 9.
Sulphur from sulphurous gases, Recovering elemental. W. W. Odell and W. D. Harbert. 2,389,810; Nov. 27.
Sulphur nitride, Preparation of. M. H. M. Arnold and W. E. Perry. 2,382,845; Aug. 14.
Sulphur, Producing. M. C. K. Jones. 2,384,926; Sept. 18.
Sulphur trioxide and catalyst therefor, Making. D. M. Hurt and C. A. Rohrmann. 2,381,908; Aug. 14.
Sulphuric acid from acid sludge, Recovery of. J. G. Lillard and R. F. Pfennig. 2,387,519; Oct. 23.
Sulphuric acid, Manufacture of. H. F. Merriam and A. M. Harkness. 2,389,070; Nov. 13.
Sulphuryl chloride production. M. N. Dvornikoff and G. E. Taylor. 2,377,217; May 29.
Summary attachment for typewriters. V. J. Ferguson. 2,378,841; June 19.
Sun visor attachment. W. P. Gisleson. 2,377,225; May 29.
Supercharged two-stroke internal-combustion engine, Reversible. W. Kilchenmann. 2,375,852; May 15.
Supercharger. G. E. Ehrling. 2,386,096; Oct. 2.
Supercharger. C. E. Sorensen. 2,366,365; Jan. 2.
Supercharger, Aircraft turbine. W. H. Allen. 2,375,202; May 8.
Supercharger arrangements, Cabin. D. F. Warner. 2,385,664; Sept. 25.
Supercharger for four-cycle gas fueled engines. R. L. Boyer. 2,375,071; May 1.
Supercharger, Liquid cooled. H. C. Hill. 2,384,251; Sept. 4.
Supercharger system, Engine. D. C. Prince. 2,379,455; July 3.
Superchargers for airplane cabins. H. J. D. McCollum. 2,374,907; Apr. 24.
Superheater. F. S. Beach. 2,368,629; Feb. 6.
Supersonic apparatus. H. C. Hayes. 2,374,637; Apr. 24.
Supervisory apparatus. W. J. McGoldrick. 2,373,255; Apr. 10.
Supervisory system and preceptive indicator therefor. R. H. Whempner. 2,389,476; Nov. 20.
Supply controlling means for furnaces and the like, Air and fuel. H. E. Blauvelt. 2,380,719; July 31.
Supply holder. H. Alfandre. 2,374,717; May 1.
Support: *See*—
Abrading machine work support.
Adjustable gauge wheel support.
Adjustable support.
Arch support.
Auxiliary electrode support.
Brake support.
Camera support.
Canopy support.
Cementitious anchorable hanger support.
Central electrode support.
Collar support.
Combination hanger support.
Conduit or pipe support.
Crusher plate support.
Display mount support.
Dress shield and crossed-tape support.
Drill bit support.
Electrode support.
End valve support.
Engine support.
Fire escape chute support.
Flexible support.
Folding support.
Hammock support.
Heddle bar support.
Heddle frame support.
Heel support.
Hinge support.
Meter testing instrument support.
Mount support.
Multiple work support.
Necktie support.
Nested furniture leg support.
Outboard motor support.
Outlet box support.
Overhead tool support.
Picker stick support.
Picture support.
Planishing hammer support.
Plant support.
Portable drill support.
Pressure vessel and support.
Railway truck brake beam support.
Reflector support.
Resilient support.
Retractable vehicle support.
Retracting support.
Rock drill support.
Shipping cradle and assembly support.
Splint support.
Spring support.
Tap-isolating conductor support.
Telephone support.
Tool suport.
Torque tube support.
Travelling work support.
Typewriter support.
Window sash support.
Work support.
Support. R. T. Borcherdt. 2,382,970; Aug. 21.
Support and contacting means, Electrode. H. L. Ratchford and H. Smithgall, Jr. 2,385,380; Sept. 25.
Support and grinder, Crankshaft. E. A. Fuglie. 2,390,933; Dec. 11.
Support and guiding means, Trailer wheel. F. E. Miner. 2,377,641; June 5.
Support arrangement for X-ray filming equipment. J. Jany. 2,372,425; Mar. 27.
Support for artificial legs, Flexible. S. J. Dew. 2,381,265; Aug. 7.
Support for brake rigging. C. L. Orr and H. W. Stertzbach. 2,384,129; Sept. 4.
Support for brassières, Shoulder. E. Johanson. 2,386,557; Oct. 9.
Support for concrete forms. F. D. Parmenter. 2,388,865; Nov. 13.
Support for flag staffs, Clamp. W. U. Watson. 2,390,760; Dec. 11.
Support for gas analysis apparatus, Manifold. G. W. Carlson. 2,391,390; Dec. 25.
Support for heat-treating containers. H. H. Harris. 2,384,617; Sept. 11.
Support for lathes, Work. L. M. Holts. 2,381,956; Aug. 14.
Support for lens and lamps used in connection with compasses and the like, Adjustable. E. W. Esdaile. 2,388,476; Nov. 6.
Support for pendant ornaments. W. Gebauer. 2,380,104; July 10.
Support for trailers, Drop leg. R. M. Barnhart, J. C. Bennett, and P. M. Heinmiller. 2,374,320; Apr. 24.
Support for use in casting concrete floors and similar purposes, Temporary. A. H. Hawes. 2,386,161; Oct. 2.
Support for water skis, Heel. J. M. Hartman. 2,382,149; Aug. 14.
Support for welding machines, Adjustable. O. W. Winter and C. W. Middlestead. 2,377,289; May 29.
Support for writing receptacles. E. B. Atkinson. 2,371,210; Mar. 13.
Support or brace. H. Eastman. 2,389,349; Nov. 20.
Support stop, Bobbin. A. Shoesmith. 2,380,709; July 31.
Support structure, Folding. H. Howe. 2,373,760; Apr. 17.
Supporter, Trousers. J. R. Pennock. 2,367,238; Jan. 16.
Supporter, Wrist. H. Bloom. 2,369,115; Feb. 13.
Supporter, Wrist. J. C. Capossela. 2,369,210; Feb. 13.
Supporting and actuating means for vertically reciprocating members. C. Schleifer. 2,370,328; Feb. 27.
Supporting apparatus. M. Amidon, F. T. Lind, and O. P. Lindberg. 2,367,062; Jan. 9.
Supporting attachment for bifocal spectacles. A. G. Croninger. 2,370,843; Mar. 6.
Supporting clip. O. C. Eckel. 2,386,887; Oct. 16.
Supporting element. H. C. Lindelow. 2,370,052; Feb. 20.
Supporting element for aircraft. L. Arsandaux. 2,378,528; June 19.
Supporting means. A. J. Loepsinger. 2,391,467; Dec. 25.
Supporting means. J. Nash. 2,368,155; Jan. 30.
Supporting means for life preservers. H. B. White. 2,386,303; Jan. 2.
Supporting means, Trough. C. P. Boyd. 2,387,241; Oct. 23.
Supporting ring and safety closure device for fire extinguishers, Combined. C. Rousseau. 2,379,378; June 26.
Supporting the roofs or walls of underground workings. O. S. Batten. 2,371,789; Mar. 20.
Suppositorium containing insulin. B. B. A. Brahn. 2,373,625; Apr. 10.
Surf board. L. S. Howland. 2,389,729; Nov. 27.
Surface-active agents. J. B. Dickey and A. Loria. 2,369,443; Feb. 13.
Surface active agents. M. Senkus. 2,389,875; Nov. 27.
Surface active aldoside condensation products. P. L. Salzberg and J. H. Werntz. 2,374,236; Apr. 24.
Surface active materials. L. A. Gruenwald. 2,374,678; May 1.
Surface broaching machine. A. R. Grad. 2,372,825; Apr. 3.
Surface chilling means for castings. E. A. Walcher. 2,377,731; June 5.
Surface coverings, Making variegated hard. V. Spencer. 2,369,866; Feb. 20.
Surface grinding machine. P. V. Miller. 2,375,128; May 1.
Surface hardening and tempering of metal, Progressive. S. Smith. 2,382,515; Aug. 14.
Surface marking apparatus. G. Rodli and R. W. Wilson. 2,369,983; Feb. 20.
Surface marking device. R. B. Mentzer. 2,385,014; Sept. 18.
Surface ornamenting machine. N. G. Koppinger. 2,370,317; Feb. 27.
Surface sized paper product. M. O. Schur. 2,371,266; Mar. 13.
Surfaces of aluminum silicon alloys, Brightening. M. Tosterud. 2,375,394; May 8.
Surfacing apparatus. L. A. Patt. 2,370,323; Feb. 27.
Surfacing machine. R. B. Mentzer. 2,381,833; Aug. 7.
Surfacing machine. R. B. Mentzer. 2,382,940; Aug. 14.
Surfacing machine, Billet. J. L. Anderson. 2,380,569; July 31.
Surfacing material, Decorative. A. A. Glidden. 2,383,598; Aug. 28.
Surge brake for trailers. C. J. Wagner. 2,391,603; Dec. 25.
Surge preventer. I. M. White. 2,369,510; Feb. 13.
Surge valve. J. A. Muller. 2,368,769; Feb. 6.
Surgical appliance. F. Vistreich. 2,371,062; Mar. 6.
Surgical cast, cast material and method. R. Anderson. 2,373,802; Apr. 17.
Surgical cast cutter. A. J. Hood. 2,375,364; May 8.
Surgical cast or splint material, method of application, and product thereof. R. Anderson. 2,384,804; Sept. 18.
Surgical fixture. W. L. Mermis. 2,389,269; Nov. 20.
Surgical fracture apparatus. G. J. Baker, Jr. 2,373,371; Apr. 10.

Surgical instrument for bone cutting. S. B. Smith. 2,369,925; Feb. 20.
Surgical separator. M. C. Bortagaray. 2,383,705; Aug. 28.
Surveying instrument. L. Ranney. 2,373,976; Apr. 17.
Surveying wells. G. E. Nevill. 2,369,403; Feb. 13.
Suspend the structure of a vehicle on its wheels, Means to. V. Bogatich. 2,379,860; July 10.
Suspension, Coil spring. E. H. Piron. 2,378,097; June 12.
Suspension for crane booms. T. O. Davidson. 2,378,915; June 26.
Suspension for drawers or the like, Extensible. J. R. Clark. 2,376,121; May 15.
Suspension means for automatic washers. P. E. Geldhof and L. Ringe. 2,386,788; Oct. 16.
Suspension, Preparing a coating. E. A. Thurber and L. A. Wooten. 2,385,313; Sept. 18.
Sustaining the activity of reforming catalysts. C. H. Holder. 2,386,050; Oct. 2.
Swab construction. J. C. Trindl. 2,388,096; Oct. 30.
Swager, Drum. W. F. Spahr. 2,379,046; June 26.
Swaging, apparatus. F. De Fazi. 2,386,296; Oct. 9.
Swaging machine. J. L. Marsh. 2,372,507; Mar. 27.
Swaging machine. J. M. Root. 2,381,559; Aug. 7.
Swaging tool. W. R. Logan. 2,371,697; Mar. 20.
Swatter, Fly. V. J. Mueller. 2,377,439; June 5.
Sweater drier. D. C. Grant. 2,378,922; June 26.
Sweeper, Carpet. P. J. Daniels. 2,380,634; July 31.
Sweeper, Carpet. M. L. Rubin. 2,371,918; Mar. 20.
Sweeper, Floor. A. V. Bunnell. 2,374,977; May 1.
Sweetening medium from fruit, Preparation of a. A. M. Erickson and J. D. Ryan. 2,385,801; Oct. 2.
Swing bracket. P. De Bruin. 2,387,721; Oct. 30.
Swing, Child's. R. A. Dyer, Jr. 2,371,384; Mar. 13.
Swing, Child's. O. A. Watts. 2,377,058; May 29.
Swing joint. J. A. Jensen. 2,384,308; Sept. 4.
Swing joint. D. M. Phillips. 2,379,035; June 26.
Swing passage and swing seat. P. De Bruin. 2,375,087; May 1.
Swivel. J. Plum and H. B. Maris. 2,384,490; Sept. 11.
Switch: *See*—
Antenna selector switch.
Box switch.
Condition responsive switch.
Disconnect switch.
Disconnecting switch.
Door switch.
Electric switch.
Electric vacuum switch.
Electrical switch.
Electromagnetically operated switch.
Flasher Switch.
Flow responsive switch.
Fluid operated switch.
Fluid pressure electrical switch.
Hand grip control switch.
Handle-bar switch.
Heavy duty snap switch.
Humidity-responsive switch.
Gravity actuated switch.
Heat coil operated thermal switch.
Ignition switch.
Interrupter switch.
Jack switch.
Latched-in magnetic switch
Light indicating switch.
Limit switch.
Liquid level switch.
Mercury tube switch.
Modulating condition responsive switch.
Phonograph switch.
Power line transfer and disconnect switch.
Pressure responsive switch.
Pressure switch.
Resistance switch.
Rotary electric switch.
Safety cutoff switch.
Sealed switch.
Selector switch.
Shockproof switch.
Signal switch.
Single throw hill and valley switch.
Slow break electric switch
Snap-acting switch.
Snap action switch.
Snap switch.
Speed responsive switch.
Submergible switch.
Thermal switch.
Tilt-type lever-operated switch.
Time-controlled electric switch.
Time-delay relay switch.
Timer switch.
Switch. G. C. Armstrong. 2,372,045; Mar. 20.
Switch. A. E. Baak. 2,371,669; Mar. 20.
Switch. J. F. Beal. 2,372,541; Mar. 27.
Switch. J. W. Lawson. 2,377,250; May 29.
Switch. J. W. Lawson. 2,385,629; Sept. 25.
Switch. J. O. Moorhead. 2,381,835; Aug. 7.
Switch. J. S. Nunes. 2,389,075; Nov. 13.
Switch. E. T. Platz. 2,374,778; May 1.
Switch. E. T. Platz. 2,385,727; Sept. 25.
Switch. H. Thorpe, Jr. 2,378,514; June 19.
Switch actuating mechanism. R. W. Goff. 2,369,964; Feb. 20.
Switch and the like, Pressure responsive cutout. L. C. Pierson. 2,371,648; Mar. 20.
Switch apparatus, Selective electric. M. H. Shoenberg. 2,372,988; Apr. 3.
Switch assemblage. W. C. Furnas, E. B. Schumacher, and R. S. Kercher. 2,388,784; Nov. 13.
Switch assemblage. W. C. Furnas and D. G. Spotts. 2,388,783; Nov. 13.
Switch assembly. J. N. Gilman and C. C. Ross. 2,385,356; Sept. 25.
Switchboard, Manual. E. I. Engquist. 2,366,604; Jan. 2.
Switchboard system. L. F. Porter. 2,379,987; July 10.
Switch circuit for automatic telephone system, Selector. H. E. Grimes. 2,391,414; Dec. 25.
Switch construction. E. A. Link. 2,376,793; May 22.
Switch control mechanism. J. H. Horman. 2,385,626; Sept. 25.
Switch control station, Push-button. C. F. Robbins. 2,370,877; Mar. 6.
Switch control mechanism. T. M. Ball. 2,380,491–4; July 31.
Switch construction. E. A. Link. 2,388,617; Nov. 6.
Switch construction. G. R. Runke. 2,388,620; Nov. 6.
Switch device, Hand grip. T. Obszarny. 2,381,077; Aug. 7.
Switch for calculating machines, Control. T. O. Mehan. 2,377,707; June 5.
Switch for discharge lamps, Electric. F. D. Bryant. 2,387,055; Oct. 16.
Switch for electric arc welding, Step-up. R. E. Smith. 2,376,827; May 22.
Switch for fluorescent lamp starters, Lock-out. L. W. Cook. 2,391,680; Dec. 25.
Switch for starting discharge devices, Glow. N. De Toro. 2,376,669; May 22.
Switchgear, Electric. F. W. Reilly. 2,374,702; May 1.
Switchgear, Electric. F. W. Reilly. 2,374,703; May 1.
Switchgear for explosive atmospheres. J. E. Bevan. 2,376,471; May 22.
Switchgear, Metal enclosed. H. H. Rugg. 2,379,188; June 26.
Switch manipulator, Decorative. H. E. Moyses. 2,382,728; Aug. 14.
Switch mechanism. O. H. Kaminky. 2,379,305; June 26.
Switch mechanism. E. P. Meyer. 2,370,479; Feb. 27.
Switch mechanism. R. Popp. 2,378,655; June 19.
Switch mechanism, Correlative thermostatic. G. W. Crise. 2,383,533; Aug. 28.
Switch mechanism, Double-throw. L. Pierce. 2,385,026; Sept. 18.
Switch mounting for electric drills. F. P. Forss. 2,383,379; Aug. 21.
Switch operating apparatus, Railway. H. L. Bone. 2,380,820; July 31.
Switch operating apparatus, Railway. H. L. Bone. 2,388,819; Nov. 13.
Switch operating device. R. S. Edwards. 2,391,231; Dec. 18.
Switch operating device. B. Schoenberg. 2,382,823; Aug. 14.
Switch operating mechanism. T. M. Cole. 2,379,130; June 26.
Switch operating mechanism. N. H. Westervelt. 2,378,270; June 12.
Switch or telephone contact, Telephone. G. H. McLoughlin. 2,384,948; Sept. 18.
Switch unit. B. E. Shaw. 2,385,887; Oct. 2.
Switches and circuit breakers, Operating mechanism for toggle type. F. B. Adam. 2,368,083; Jan. 30.
Switches, Control of electric. J. P. Fraps. 2,368,461; Jan. 30.
Switches, Control of electric. H. E. Strang. 2,380,802; July 31.
Switching and control mechanism, Impulse. P. E. Fischler and J. Nathansohn. 2,388,733; Nov. 13.
Switching apparatus. B. D. Willis. 2,389,571; Nov. 20.
Switching device, Mechanical. J. Huber. 2,375,416; May 8.
Switching mechanism. L. B. Harris. 2,371,167; Mar. 13.
Switching system, Electronic. C. C. Shumard. Re. 22,672; Aug. 28.
Switching system, Facsimile. G. H. Ridings and F. L. Currie. 2,374,704; May 1.
Swivel. C. Miller and G. W. Tippie. 2,387,599; Oct. 23.
Swivel chair. G. M. Grill. 2,390,215; Dec. 4.
Swivel, Electric. O. Gilbertson. 2,387,015; Oct. 16.
Swivel joint. L. C. Rotter and V. G. Klein. 2,378,329; June 12.
Swivel pipe coupling. F. M. Allen and C. B. Taylor. 2,384,360; Sept. 4.
Swivel wheel mounting. N. C. Koester, H. A. Benzel, and R. D. Ledwin. 2,366,268; Jan. 2.
Synchromesh transmission. C. A. Neracher and W. T. Dunn. 2,369,842–3. Feb. 20.
Synchromesh transmission. O. W. Schotz. 2,369,861; Feb. 20.
Synchronized drive. R. Blow. 2,371,023; Mar. 6.
Synchronized hydraulic control valve. J. S. Thompson. 2,369,324; Feb. 13.
Synchronizer, Blocker. J. G. Tyken. 2,380,559; July 31.
Synchronizer for oscillators. R. L. Campbell. 2,389,025; Nov. 13.
Synchronizer, Hydraulic. G. W. Butrovich and C. E. Deardorff. 2,376,320; May 22.
Synchronizing and control system, Power line. M. J. Brown. 2,367,925; Jan. 23.
Synchronizing and phrasing system. G. V. Nolde. 2,380,542; July 31.
Synchronizing arrangement. G. Wegener and W. Scheppmann. 2,369,625; Feb. 13.
Synchronizing clutch. C. D. Peterson and R. R. Burkhalter. 2,391,268; Dec. 18.
Synchronizing device. M. Artzt. 2,383,360; Aug. 21.
Synchronizing generator. R. E. Kessler. 2,384,931; Sept. 18.
Synchronizing means for electric motors. R. J. Jasse. 2,387,588; Oct. 23.
Synchronizing system. F. R. Brick. 2,372,762; Apr. 3.
Synchronizing system. F. R. Dennis and E. P. Felch, Jr. 2,369,663; Feb. 20.

Synchronizing system, Coarse and fine frequency. A. M. Nicolson. 2,369,153; Feb. 13.
Synchronizing the pictures and the sound of independently arranged picture- and needle-sound-reproduction devices. H. Westerkamp. 2,378,611; June 19.
Synchronous motor. W. M. Jeffers. 2,378,556; June 19.
Synchronous motor time meter. A. Wiedemeier. 2,384,381; Sept. 11.
Syneresis of methyl cellulose, Reducing. P. R. Wenck. 2,377,434; June 5.
Synthesis of ethers of vitamin A. N. A. Milas. 2,382,086; Aug. 14.
Synthesis of vitamin A. N. A. Milas. 2,382,085; Aug. 14.
Synthesis of wound hormone. J. English, Jr., J. Bonner, and A. J. Haagen-Smit. 2,391,824; Dec. 25.
Synthetic camphor, Manufacture of. F. Schwartz. 2,389,389; Nov. 20.
Synthetic compositions. G. F. D'Alelio. 2,377,863; June 12.
Synthetic hydrated magnesium silicate decolorizing material, Improving the decolorizing properties of a. A. Greentree. 2,367,496; Jan. 16.
Synthetic menthol, Making. A. Ofner and E. C. Kunz. 2,366,749; Jan. 9.
Synthetic poppet valve. C. J. Shuler. 2,368,887; Feb. 6.
Synthetic process for preparing hydrocarbons, particularly gasoline. J. Elian. 2,369,548; Feb. 13.
Synthetic products having molecularly oriented structure. G. F. D'Alelio. 2,366,495; Jan. 2.
Synthetic rubber article and making, Dipped. J. R. Gammeter and M. J. Vassel. 2,371,883; Mar. 20.
Synthetic rubber compositions. A. V. Roberts. 2,391,742; Dec. 25.
Syringe. H. H. Beasley. 2,372,469; Mar. 27.
Syringe. M. L. Folkman. 2,390,246; Dec. 4.
Syringe. P. S. Madsen and A. A. Arnold. 2,378,718; June 19.
Syringe. C. V. R. Mejia. 2,374,368; Apr. 24.
Syringe. F. S. Parrigin. 2,386,001; Oct. 2.
Syringe. J. Vondrak. 2,375,711; May 8.
Syringe. A. J. Williams. 2,383,280; Aug. 21.
Syringe, Dental hydrocolloid. M. J. Thompson. 2,381,785; Aug. 7.
Syringe device. A. E. Smith. 2,380,556; July 31.
Syringe for medical purposes. F. Lautenschläger. 2,375,929; May 15.
Syringe, Front loading. A. E. Smith. 2,368,432; Jan. 30.
Syringe, Hydrocolloid dispensing. M. J. Thompson. 2,370,759; Mar. 6.
Syringe, Hypodermic. E. M. Lewis. 2,369,304; Feb. 13.
Syringe, Hypodermic. L. Wallin. 2,373,520; Apr. 10.
Syringe unit, Hypodermic. E. Henderson. 2,388,323; Nov. 6.
System and apparatus for determining the distribution of the load in an aircraft. E. W. Schlieben, A. S. Ogden, and I. Berler. 2,373,504; Apr. 10.
System and apparatus for distributing liquid solutions. S. A. Hayes. 2,381,589; Aug. 7.
System and apparatus for measuring cloud height and thickness. S. A. Scherbatskoy. 2,390,739; Dec. 11.
System and device for controlling thermal gas turbine motive units. M. H. L. Sedille. 2,372,686; Apr. 3.
System for controlling charging of storage batteries. S. K. Lessey. 2,385,455; Sept. 25.
System for gas analysis. W. M. Zaikowsky. 2,370,703; Mar. 6.
System for generating steam. J. P. Badenhausen. 2,384,587; Sept. 11.
System for geological exploration by elastic waves. F. Rieber. 2,377,903; June 12.
System for plugging pipe leaks. F. Nelson. 2,377,643; June 5.
System for storage batteries, Regulating. B. S. Weaver and D. E. Garr. 2,390,818; Dec. 11.
System for the transmission of angular notions. F. V. Johnson. 2,388,977; Nov. 13.
System for vaporizing crude oil for use as a fuel for internal-combustion engines and converters functionable therein. L. Landers, Jr. 2,384,472-3; Sept. 11.
System for weather-stripping sliding sash windows. D. R. Robertson. 2,367,616; Jan. 16.
System of communication by mean of electrical waves. E. H. Ullrich. 2,381,847; Aug. 7.
System of electric distribution. A. E. Anderson. 2,385,181; Sept. 18.
T-head columns, Forming. J. J. Fox. 2,387,134; Oct. 16.
Tab and supporting strip, Index. W. E. Figuccion. 2,379,527; Feb. 27.
Table: *See*—
Billiard table.
Card table.
Caster table.
Chiropractic adjustment table.
Cleat turner and grading table.
Combination science table.
Dining table.
Editing table.
Extension-leaf table.
Folding table.
Inspection table.
Ironing table.
Manual tilt table.
Over-bed table.
Shirt folder table.
Stretching table.
Tray supporting table.
Table. C. W. Attwood. 2,380,379; July 31.
Table. W. F. Breen and M. B. Good. 2,389,022; Nov. 13.
Table and attachment therefor, Cutting. B. Lang. 2,373,968; Apr. 17.
Table and benches, Combined. W. C. Demmien. 2,367,011; Jan. 9.
Table and chair, Combination extension. E. Walker. 2,383,831; Aug. 28.
Table and like furniture, Adjustable. R. H. James. 2,378,852; June 19.
Table attachment, Pool. R. J. Henry. 2,380,756; July 31.
Table construction. R. See. 2,368,382; Jan. 30.
Table cover panel and retaining means therefor. S. Kirsch. 2,367,948; Jan. 23.
Table for casing punch presses, Rotatable. R. Frederick. 2,374,596; Apr. 24.
Table for handling eggs, Work. W. E. Mitton. 2,389,630; Nov. 27.
Table leg, Folding. E. H. Mayer. 2,385,717; Sept. 25.
Table mounting for vegetable peelers, Rotary. M. G. McClung. 2,374,443; Apr. 24.
Table pad. J. F. Wellman. 2,374,156; Apr. 17.
Table structure. C. L. Dewey. 2,369,140; Feb. 13.
Table tennis ball manufacture. G. H. Perryman. 2,378,034; June 12.
Table top, Ventilated wooden ironing. H. B. and T. H. Fay. 2,386,045; Oct. 2.
Tablet and dissolving same. W. A. Compton and J. M. Trenner. 2,387,244; Oct. 23.
Tablet and packaging same. W. F. Wilhelm. 2,386,416; Oct. 9.
Tablet box. W. F. Punte. 2,391,347; Dec. 18.
Tablets, Fruit and vegetable. J. A. Bruce. 2,366,591; Jan. 2.
Tablets, Making coffee. W. W. Willison. 2,371,093; Mar. 6.
Tabulating and accounting machine. J. Mueller. 2,381,361; Aug. 7.
Tabulation control system. L. M. Potts. 2,390,664; Dec. 11.
Tachator. A. F. Turner. 2,387,863; Oct. 30.
Tackle, Fishing. F. E. Kelly. 2,391,167; Dec. 18.
Tag or the like, Hotel. G. J. Evalt. 2,385,778; Oct. 2.
Tag, Seal. E. A. and J. H. Conaway. 2,372,811; Apr. 3.
Tagline device. R. W. Westfall. 2,367,912; Jan. 23.
Tail gate. V. H. Palisano and S. Mentecki. 2,374,697; May 1.
Tail section for chain conveyers. A. R. and J. B. Long. 2,386,619; Oct. 9.
Tailstock clamp. B. R. Purvin. 2,368,877; Feb. 6.
Tailstock for lathes. W. F. Groene. 2,391,154; Dec. 18.
Tailstock for milling machines. E. Moen. 2,374,448; Apr. 24.
Tailstock lock. W. M. McConnell. 2,368,032; Jan. 23.
Tail structure for aircraft. O. J. Kenyon. 2,376,780; May 22.
Take-up apparatus. A. C. Frankwich. 2,391,088; Dec. 18.
Take-up for sewing machines, Rotary. A. N. Hale. 2,371,518; Mar. 13.
Take-up for sewing machines, Rotary. F. Parry. 2,366,648; Jan. 2.
Take-up for twist lace machines. A. E. Hunter. 2,382,230; Aug. 14.
Take-up mechanism for sewing machines, Rotary. S. Zonis. 2,385,900; Oct. 2.
Tamper for cigarette machine feeders. R. Thompson. 2,388,772; Nov. 13.
Tamping apparatus. J. Kalix. 2,384,469; Sept. 11.
Tandem axle vehicle. A. L. Ayers. 2,390,912; Dec. 11.
Tank: *See*—
Battle tank.
Droppable fuel tank.
Emergency gasoline tank.
Fuel tank.
Glass tank.
Portable storage tank.
Pressure storage tank.
Pressure tank.
Reinforced concrete tank.
Self-sealing fuel tank.
Septic tank.
Stack hung flush tank.
Storage tank.
Treating tank.
Underground storage tank
Tank. E. Otzmann. 2,378,945; June 26.
Tank. M. Shankman. 2,374,240; Apr. 24.
Tank. M. Skolnik. 2,373,270; Apr. 10.
Tank and fuel system for aircraft, Safety. W. W. Paget. Re. 22,668; Aug. 21.
Tank and other vehicles, Insulated military. J. L. Reynolds. 2,389,579; Nov. 20.
Tank and support means, Flexible. R. C. Blaylock and H. R. Berrisford. 2,373,221; Apr. 10.
Tank and support therefor, Horizontal. W. A. Sandberg. 2,375,442; May 8.
Tank car. W. R. Gerges. 2,367,018; Jan. 9.
Tank circuit. I. E. Mouromtseff and G. M. Dinnick. 2,389,271; Nov. 20.
Tank construction. E. J. Ballintine. 2,384,067; Sept. 4.
Tank construction. H. D. Kelley. 2,370,799; Mar. 6.
Tank construction, Armored. W. A. Cost. 2,389,028; Nov. 13.
Tank draining and transferring device, Airplane fuel. R. J. Henry. 2,376,874; May 29.
Tank for aircraft, Liquid fuel. J. E. Coxon, F. Lindsley, and G. E. Shelley. 2,383,532; Aug. 28.
Tank for roll films, Developing. E. A. Nichols. 2,367,424; Jan. 16.
Tank gauge and filling device. S. F. Czerner. 2,387,011; Oct. 16.
Tank lock. A. M. Malluk. 2,375,671; May 8.

Tank outlet fitting and elbow, Toilet. J. C. Owens. 2,372,848; Apr. 3.
Tank structures, Septic. I. Gutman and G. E. Evans. 2,384,994; Sept. 18.
Tank system, Fireproof fuel. B. Walker. 2,375,834; May 15.
Tank track and method and apparatus for making same. G. I. McNeil. 2,375,170; May 1.
Tank truck bottom loading and discharge means. H. C. Krone and W. Meyer. 2,384,628; Sept. 11.
Tank vent valve. C. A. Ellis. 2,371,961; Mar. 20.
Tanks and resonant cavities, High frequency. S. A. Schelkunoff. 2,372,228; Mar. 27.
Tanks, Making hot-water. W. G. Martin. 2,384,324; Sept. 4.
Tanks, Method and apparatus for banding. J. M. Crom. 2,370,780; Mar. 6.
Tanks, Method of and apparatus for banding. J. M. Crom. 2,372,060; Mar. 20.
Tanks, Outlet flange for. C. M. Wickstrum. 2,391,373; Dec. 18.
Tanning. E. C. Ladd. 2,367,589; Jan. 16.
Tanning material, Production of synthetic. J. Seidel and H. Weber. 2,387,619; Oct. 23.
Tanning solutions and making and using the same, Chrome. H. B. Channon. 2,382,204; Aug. 14.
Tap. F. A. Lanfranconi. 2,390,950; Dec. 11.
Tap. J. A. E. Romanoski. 2,389,548; Nov. 20.
Tap, Hollow. E. M., E. M., Jr., and J. M. Tucker. 2,388,022; Oct. 30.
Tap-isolating conductor support. P. G. Whitmore. 2,372,995; Apr. 3.
Tap, Trigger type collapsing. W. J. Hogg. 2,381,448; Aug. 7.
Tapped stator winding. J. L. Fuller. 2,377,930; June 12.
Tapping. E. M. Boehmler. 2,388,779; Nov. 13.
Tapping attachment, Automatic. H. Keeling and F. Mummert. 2,375,662; May 8.
Tapping machine. C. M. Allen. 2,380,367; July 31.
Tape and reinforcing. H. J. Stuart. 2,387,416; Oct. 23.
Tape applying machine. J. Fossa. 2,383,539; Aug. 28.
Tape attachment, Flexible measuring. H. Hambrick. 2,371,441; Mar. 13.
Tape, Calking. A. Coutlee. 2,385,612; Sept. 25.
Tape dispenser. J. S. Stull. 2,384,575; Sept. 11.
Tape-dispensing machine. A. P. Krueger. 2,388,332; Nov. 6.
Tape distribution system. L. M. Potts. 2,384,194; Sept. 4.
Tape for adjustable fasteners. L. Roseman. 2,370,754; Mar. 6.
Tape for slide fasteners. L. L. Jones. 2,373,835. Apr. 17.
Tape for use in manufacture of lamp shades. H. Dent. 2,372,814; Apr. 3.
Tape, Insulating. J. N. Borglin. 2,367,663; Jan. 23.
Tape, Insulating. O. J. Rudolph. 2,366,291; Jan. 2.
Tape, Luminescent adhesive. F. C. Hilberg. 2,387,512; Oct. 23.
Tape message container. L. M. Potts. 2,377,573; June 5.
Tape, Method and apparatus for dispensing gummed. R. E. Engberg. 2,382,406; Aug. 14.
Tape moistening device. A. Burckhardt. 2,371,871; Mar. 20.
Tape perforator with manually controlled tape perforating operation, Record controlled. C. R. Doty. 2,372,887; Apr. 3.
Tape processing machine. E. H. Brown. 2,371,799; Mar. 20.
Tape reel. W. R. Gemmel. 2,381,535; Aug. 7.
Tape serving machine. T. H. Krueger. 2,370,671; Mar. 6.
Tapes for slide fasteners, Producing stringer. L. Campbell. 2,380,939; Aug. 7.
Tapes, Method and apparatus for preparing highly legible. A. W. Kenffel and H. F. Schermerhorn. 2,374,356; Apr. 24.
Taping machine. C. Hess. 2,372,780; Apr. 3.
Taper cutting attachment tool. S. H. Vinner. 2,378,811; June 19.
Taper gauge. T. O. Rueb. 2,380,792; July 31.
Tapered end strand mass. J. H. Garrott. 2,380,038; July 10.
Tapper cutting adjustment for lathes. D. O. Truba and E. T. Liller. 2,372,916; Apr. 3.
Tappett, Hydraulic. R. W. Jenny and H. E. Gille. 2,386,317; Oct. 9.
Tar acids for the selective removal of acidic contaminants, Treatment of crude. H. G. Cooper and F. M. Thatcher. 2,369,022; Feb. 6.
Tars and like substances, Emulsification of. E. Arnold. 2,372,924; Apr. 3.
Tare poise control mechanism. E. J. Lynch. 2,376,608; May 22.
Target, Bombing. P. J. Rich and J. W. Griesinger. 2,382,442; Aug. 14.
Target locating device. O. A. Vielehr, C. G. Umsted, and A. P. Good. 2,368,691; Feb. 6.
Target, Luminescent. J. C. Cook. 2,372,359; Mar. 27.
Target release device, Airplane tow. A. E. Brickman. 2,382,854; Aug. 14.
Tartaric acid values, Preparations of. S. Soltzberg. 2,380,196; July 10.
Taste and odor removal from organic compounds. H. C. Hetherington. 2,388,148; Oct. 30.
Teaching device. A. J. Marsh. 2,385,093; Sept. 18.
Teaching device. M. G. McGowan. 2,386,624; Oct. 9.
Teeth, Fluorescent artificial. F. A. Slack, Jr. 2,377,382; June 5.
Teeth, Making artificial. J. A. Saffir. 2,391,106; Dec. 18.
Telecentric lens system. H. F. Bennett. 2,380,210; July 10.
Telecommunication exchange system, Automatic. G. C. Hartley. 2,376,771; May 22.
Telecommunication system. G. Deakin. 2,376,346; May 22.
Telecommunication system. G. Deakin. 2,380,950; Aug. 7.
Telegraph apparatus. F. Warburton. 2,371,367; Mar. 13.
Telegraph apparatus, Printing. H. M. Anderson. 2,381,566; Aug. 7.
Telegraph code converter. A. F. Connery and E. R. C. Coe. 2,379,865; July 10.
Telegraph code recorder. H. E. Beste. 2,391,082; Dec. 18.
Telegraph exchange system. E. A. Demonet and W. B. Blanton. 2,387,246; Oct. 23.
Telegraph exchange system, Satellite. K. E. Fitch, W. V. K. Large, and C. W. Lucek. 2,390,656; Dec. 11.
Telegraph key. J. F. MacAdam. 2,373,132; Apr. 10.
Telegraph perforator-transmitter. R. D. Parker and A. Weaver. 2,382,251; Aug. 14.
Telegraph printer. R. F. Dirkes, J. W. Long, T. E. Melick, and E. W. Hewlitt. 2,375,541; May 8.
Telegraph signal transmission system. M. Morrison. 2,380,666; July 31.
Telegraph signaling system. H. Nyquist. 2,386,566; Oct. 9.
Telegraph station selector system. F. S. Kinkead and J. A. Krecek. 2,369,578; Feb. 13.
Telegraph switching system. D. E. Branson. 2,382,128; Aug. 14.
Telegraph switching system. F. S. Kinkead and W. Y. Lang. 2,375,794; May 15.
Telegraph switching system. W. J. Zenner. 2,380,007; July 10.
Telegraph system. W. M. Bacon. 2,376,111; May 15.
Telegraph system. F. H. Hanley. 2,376,248; May 15.
Telegraph system. F. H. Hanley. 2,383,788; Aug. 28.
Telegraph system. F. S. Kinkead. 2,379,910; July 10.
Telegraph system. L. M. Potts. 2,386,004; Oct. 2.
Telegraph system and apparatus, Facsimile. G. H. Ridings and R. J. Wise. 2,386,263; Oct. 9.
Telegraph system, Carrier-current. M. Morrison. 2,370,985; Mar. 6.
Telegraph system, Facsimile. A. E. Thompson and R. D. Salmon. 2,368,387; Jan. 30.
Telegraph system, High-speed. H. A. Burgess. 2,379,880; July 10.
Telegraph system, Party line printing. L. A. Gardner and K. W. Richards. 2,373,875; Apr. 17.
Telegraph system, Party-line printing. L. A. Gardner and K. W. Richards. 2,388,136; Oct. 30.
Telegraph system, Selective. W. Y. Lang. 2,377,890; June 12.
Telegraph tape transmitter. R. Steeneck. 2,377,978; June 12.
Telegraph transmitter. M. T. Goetz. 2,388,965; Nov. 13.
Telegraph transmitter system, Automatic. W. M. Bacon. 2,369,935; Feb. 20.
Telegraphic transmission apparatus. H. E. Brain. 2,382,127; Aug. 14.
Telegraphy. L. M. Potts. Re. 22,592; Jan. 16.
Telegraphy-practicing device. P. P. Shaw. 2,366,154; Jan. 2.
Telemeter system. G. S. Lunge. 2,375,668; May 8.
Telemetering device, Wind direction and velocity. L. Hillman. 2,375,227; May 8.
Telemetering arrangement. T. R. Rayner and G. A. Burns. 2,389,275; Nov. 20.
Telemetering flight test data, Method and apparatus for. J. J. Dickson and O. R. Rogers. 2,378,395; June 19.
Telemetering system. F. G. Kelly. 2,372,002; Mar. 20.
Telemetering system. E. M. S. McWhirter and C. H. Chambers. 2,372,593; Mar. 27.
Telemetering system and apparatus. R. G. Jewell. 2,380,242; July 10.
Telemetering system, Pneumatic. E. H. Hart. 2,390,301; Dec. 4.
Telemetering system, Totalizing. H. D. Middel 2,389,449; Nov. 20.
Telemetric device. O. R. Miller. 2,381,920; Aug. 14.
Telephone answering system, Automatic. E. L. Peterson and G. W. Papenmeyer. 2,376,272; May 15.
Telephone booth. G. R. Lum. 2,371,968; Mar. 20.
Telephone call transmitter. O. A. Shann. 2,370,264; Feb. 27.
Telephone coupling apparatus. C. W. Dann. 2,384,604; Sept. 11.
Telephone exchange system. G. Deakin. 2,385,968; Oct. 2.
Telephone exchange system, Automatic and semi-automatic. G. Deakin. 2,381,727; Aug. 7.
Telephone objective. G. H. Aklin. 2,380,207; July 10.
Telephone or like system. C. Gillings and C. E. Beale. 2,383,541; Aug. 28.
Telephone or like system. C. Gillings and P. E. A. Cowley. 2,380,232; July 10.
Telephone or like system. L. J. Murray. 2,387,525; Oct. 23.

Telephone or like system. R. Taylor and G. T. Baker. 2,369,046; Feb. 6.
Telephone set, Key-equipped. S. T. Curran. 2,387,719; Oct. 30.
Telephone station circuit. W. H. Edwards and O. A. Shann. 2,372,262; Mar. 27.
Telephone substation circuit. R. H. Herrick. 2,369,144; Feb. 13.
Telephone substation circuit. R. H. Herrick. 2,369,351; Feb. 13.
Telephone support. A. J. Balkins. 2,382,125; Aug. 14.
Telephone system. P. Bakker. 2,375,514; May 8.
Telephone system. P. Bakker. 2,389,290; Nov. 20.
Telephone system. H. W. Balzer. 2,367,633; Jan. 16.
Telephone system. H. M. Bascon, M. C. Goddard, and J. G. Walsh. 2,372,353; Mar. 27.
Telephone system. W. M. Beaumont. 2,374,072; Apr. 17.
Telephone system. K. L. Burgener. 2,391,389; Dec. 25.
Telephone system. D. A. Christian and W. H. J. Dibben. 2,377,314; June 5.
Telephone system. M. C. Goddard. 2,367,769; Jan. 23.
Telephone system. M. E. Griffiths and I. Molnar. 2,371,989; Mar. 20.
Telephone system. E. J. Hayes. 2,383,794; Aug. 28.
Telephone system. G. Hecht. 2,370,403; Feb. 27.
Telephone system. R. H. Herrick. 2,369,352; Feb. 13.
Telephone system. R. H. Herrick. 2,389,666; Nov. 27.
Telephone system. R. E. Hersey. 2,384,620; Sept. 11.
Telephone system. F. A. Hubbard. 2,386,609; Oct. 9.
Telephone system. K. S. Johnson. 2,387,269; Oct. 23.
Telephone system. L. E. Kittredge. 2,370,736; Mar. 6.
Telephone system. C. E. Lomax. 2,377,562; June 5.
Telephone system. C. E. Lomax. 2,386,126; Oct. 2.
Telephone system. C. E. Lomax and P. Bakker. 2,385,715; Sept. 25.
Telephone system. H. P. Mahoney. 2,386,130; Oct. 2.
Telephone system. W. A. Malthaner. 2,388,488; Nov. 6.
Telephone system. B. McKim and O. Myers. 2,382,893; Aug. 14.
Telephone system. I. Molnar. 2,381,769; Aug. 7.
Telephone system. I. Molnar. 2,385,720; Sept. 25.
Telephone system. H. N. Newstedt. 2,375,678; May 8.
Telephone system. J. E. Ostline. 2,366,647; Jan. 2.
Telephone system. J. E. Ostline. 2,369,071; Feb. 6.
Telephone system. J. E. Ostline. 2,373,908; Apr. 17.
Telephone system. J. E. Ostline. 2,385,228; Sept. 18.
Telephone system. C. S. Rhoads. 2,375,136; May 1.
Telephone system. C. S. Rhoads. 2,377,453; June 5.
Telephone system. C. S. Rhoads. 2,379,456; July 3.
Telephone system. H. H. Schroeppel. 2,367,062; Jan. 9.
Telephone system. H. T. Stenhammer. 2,384,775; Sept. 11.
Telephone system. R. Taylor and G. T. Baker. 2,369,868; Feb. 20.
Telephone system. J. G. Walsh. 2,374,964; May 1.
Telephone system. J. Wicks and H. W. Balzer. 2,367,634; Jan. 16.
Telephone or like system. D. A. Christian and D. P. Long. 2,375,622; May 8.
Telephone or like system. C. Gillings and C. E. Beale. 2,376,352; May 22.
Telephone, Portable. J. L. Long. 2,377,162; May 29.
Telephone, Prism. M. W. Dunning. 2,375,634; May 8.
Telephone set. H. F. Obergfell. 2,375,681; May 8.
Telephone set. O. A. Shann. 2,374,962; May 1.
Telephone station circuit. K. S. Johnson. 2,375,791; May 15.
Telephone system, Distant talking loudspeaker. H. F. Hopkins. 2,385,279; Sept. 18.
Telephone system, Field. F. A. Leibe. 2,376,367; May 22.
Telephone system, Multiexchange automatic. P. Bakker. 2,366,232; Jan. 2.
Telephone system, Selective ringing. C. G. Miller. 2,388,071; Oct. 30.
Telephone system, Special service. O. A. Friend. 2,370,239; Feb. 27.
Telephone system, Watchman supervisory automatic. R. A. Wallace. 2,379,556; July 3.
Telephone transmission system and apparatus therefor. C. W. Carter, Jr. 2,390,869; Dec. 11.
Telephone unit. C. S. Linell. 2,371,453; Mar. 13.
Telephoto lens. G. H. Aklin. 2,378,170; June 12.
Telephoto objective. W. B. Rayton and L. M. Hudson. 2,390,387; Dec. 4.
Teleprinter. G. Ehrenberg. 2,375,902; May 15.
Telescope mount. W. R. Weaver. 2,368,954; Feb. 6.
Telescope sight mount. H. S. White. 2,385,176; Sept. 18.
Telescopic members, Reciprocal. E. E. Franz. 2,374,595; Apr. 24.
Telescopic shock absorber, Liquid damped. P. W. Thornhill. 2,379,388; June 26.
Telescopic structure. F. W. Odin. 2,376,716; May 22.
Telescopic structure. F. W. Odin. 2,391,101; Dec. 18.
Teletypewriter control system. R. J. Anspach and C. R. Walker. 2,375,064; May 1.
Teletypewriter exchange system. J. A. Krecek. 2,368,666; Feb. 6.
Teletypewriter exchange system. C. W. Lucek. 2,368,715; Feb. 6.
Teletypewriter switching system, Satellite. W. V. K. Large. 2,375,856; May 15.
Teletypewriter switching system, Satellite. W. V. K. Large and F. J. Singer. 2,372,329; Mar. 27.
Teletypewriter synchronizing arrangement. W. B. Martin. 2,375,125; May 1.
Teletypewriter testing system. A. R. Bonorden. 2,387,558; Oct. 23.
Television amplifier circuit. K. Schlesinger. 2,366,358; Jan. 2.
Television apparatus. E. I. Anderson. 2,366,307; Jan. 2.
Television apparatus. A. N. Goldsmith. 2,384,260; Sept. 4.
Television apparatus. G. Patterson, Jr. 2,388,761; Nov. 13.
Television apparatus. G. Zanarini. 2,369,631; Feb. 13.
Television apparatus, Stereoscope. H. J. De N. McCollum. 2,388,170; Oct. 30.
Television, Color. G. C. Sziklai. 2,386,074; Oct. 2.
Television film recording and projection. T. T. Goldsmith, Jr. 2,373,114; Apr. 10.
Television in colors, System of. G. Valensi. 2,375,966; May 15.
Television method and apparatus. H. Haldeman-Julius 2,367,272; Jan. 16.
Television method and arrangement for carrying out the same. H. Wolff. 2,376,645; May 22.
Television pickup control system. G. L. Beers. 2,383,365; Aug. 21.
Television pick-up tube. R. Behne and W. Buhs. 2,374,914; May 1.
Television receiver. F. Okolicsanyi. 2,371,643; Mar. 20.
Television receiver. A. H. Rosenthal. Re. 22,628; Apr. 10.
Television scanning system. J. C. Wilson. 2,384,717; Sept. 11.
Television system. R. E. Graham. 2,378,547; June 19.
Television system. G. E. Sleeper. 2,389,645–6; Nov. 27.
Television system. K. R. Wendt. 2,381,238; Aug. 7.
Television system, Color. A. N. Goldsmith. 2,389,039; Nov. 13.
Television system, Color. G. W. Huffnagle. 2,389,979; Nov. 27.
Television transmitting apparatus. O. H. Schade. 2,368,884; Feb. 6.
Television transmitting system. O. H. Schade. 2,370,425; Feb. 27.
Television transmitting system. O. H. Schade. 2,377,972; June 12.
Television view finder. G. L. Beers. 2,384,232; Sept. 4.
Temperature compensated capacitor and reactance. S. Heyman. 2,383,480; Aug. 28.
Temperature compensated gauge. A. C. Ruge. 2,390,038; Nov. 27.
Temperature compensated inductance. J. B. Moore. 2,366,639; Jan. 2.
Temperature compensated tuned circuit. J. F. Bell. 2,371,790; Mar. 20.
Temperature compensating device for fluid-containing apparatus. G. Amery. 2,367,707; Jan. 23.
Temperature compensating means, Relay. J. E. Willing and R. J. Little. 2,366,992; Jan. 9.
Temperature compensator for pressure responsive devices. P. F. Shivers. 2,366,566; Jan. 2.
Temperature control. D. F. Alexander. 2,372,307; Mar. 27.
Temperature control. M. R. Eastin. 2,366,500; Jan. 2.
Temperature control apparatus. K. Lutomirski. 2,386,903; Oct. 16.
Temperature control by overhead ventilation. T. J. Lehane and E. H. Burgess. 2,389,860; Nov. 27.
Temperature control for electric heating. W. Richter. 2,381,310; Aug. 7.
Temperature control for hydrocarbon oil processing. L. F. Dowding. 2,389,604; Nov. 27.
Temperature control means. A. J. Whitcomb. 2,370,897; Mar. 6.
Temperature control means for washing machines and the like. H. Harvey. 2,377,551; June 5.
Temperature control mold. R. J. Miller. 2,368,719; Feb. 6.
Temperature control of catalytic operations. J. W. Harrison. 2,376,356; May 22.
Temperature control of catalytic reactions. W. A. Wurth. 2,383,636; Aug 28.
Temperature control of contacting reactions. C. H. Thayer and R. C. Lassiat. 2,384,858; Sept. 18.
Temperature control system. G. D. Guler and G. M. Kingsland. 2,376,482; May 22.
Temperature control system. E. F. Kubler, E. D. Schneider, and G. C. Nonken. 2,383,806; Aug. 28.
Temperature control system and apparatus. W. B. Miller. 2,383,811; Aug. 28.
Temperature controlling device for incubators. A. E. Waterman. 2,376,641; May 22.
Temperature gradient method of analysis, Fractionation. W. J. Podbielniak. 2,377,900; June 12.
Temperature in endothermic and exothermic reactions, Control of reaction. L. A. Mekler. 2,389,448; Nov. 20.
Temperature indicator. R. P. Schreiber and W. McC. Lee. 2,379,459; July 3.
Temperature indicator. F. R. Sias. 2,367,065; Jan. 9.
Temperature measuring instrument. R. I. Bradley. 2,371,603; Mar. 20.
Temperature of diverse fluids in a machine tool, Method and apparatus for maintaining uniform. J. C. Wilson. 2,384,225; Sept. 4.
Temperature regulating device. V. Weber. 2,389,014; Nov. 13.

Temperature relief valve. L. J. Kmiecik. 2,389,437; Nov. 20.
Temperature responsive control mechanism. A. J. Huck. 2,367,500; Jan. 16.
Temperature responsive control mechanism. A. J. Huck. 2,370,404; Feb. 27.
Temperature responsive device. V. Weber. 2,389,880; Nov. 27.
Temperature responsive devices, Fixed. F. C. Evans. 2,378,135; June 12.
Temperature responsive resistance element. R. P. Mattern. 2,372,840; Apr. 3.
Temperatures, Production of low. H. L. Wikoff. 2,378,815; June 19.
Templates and the like, Making. G. B. Crouse. 2,372,767; Apr. 3.
Templates, Device for use in making. V. J. Levaggi, Jr. 2,368,853; Feb. 6.
Templates, Making. W. H. Gage and N. C. Kolb. 2,369,960; Feb. 20.
Templates, Punch and work locating. D. A. Norsen. 2,373,844; Apr. 17.
Temple, Loom. A. Arlequeeuw. 2,366,994; Jan. 9.
Templet-following machine. L. W. Young. 2,388,376; Nov. 6.
Tennis court marker. W. H. Hann. 2,377,780; June 5.
Tenoning mechanism. F. Hobbs. 2,385,205; Sept. 18.
Tensiometer. E. A. Black. 2,387,737; Oct. 30.
Tensiometer. G. M. Graham. 2,368,757; Feb. 6.
Tensiometer. M. Hattan. 2,380,433; July 31.
Tension adjuster. W. J. Gilmore. 2,375,548; May 8.
Tension and bloom control device. P. A. Stevenson. 2,373,513; Apr. 10.
Tension control device. G. S. Carbonneau. 2,388,121; Oct. 30.
Tension control mechanism. C. J. Arrington. 2,387,869; Oct. 30.
Tension device. D. L. Ballous. 2,375,459; May 8.
Tension device. W. O. Sjogren. 2,384,670; Sept. 11.
Tension for narrow ware shuttles. E. R. Holmes. 2,391,314; Dec. 18.
Tension indicator. W. J. Elvin and J. B. Steiding. 2,383,537; Aug. 28.
Tension regulating mechanism. W. B. Heinz. 2,389,047; Nov. 13.
Tensional shingle fastener. B. A. Gadow. 2,374,740; May 1.
Tensioning and anchoring of cables in concrete or similar structures. E. Freyssinet. 2,371,882; Mar. 20.
Tensioning and locking device for frameless window screens. D. J. Rust. 2,380,794; July 31.
Tensioning device. G. L. Leithiser. 2,388,982; Nov. 13.
Tensioning-measuring instrument. G. N. Krouse. 2,372,434; Mar. 27.
Tensioning wire in banding operations, Method of and apparatus for. J. M. Crom. 2,385,796; Oct. 2.
Tent and bed, Foldable vehicle. T. Thompson. 2,378,448; June 19.
Tent, Beach dressing. S. E. Sidelmann. 2,376,284; May 15.
Tenter drier. F. B. Morrill. 2,390,451; Dec. 4.
Tentering machine. M. G. Hinnekens. 2,375,990; May 15.
Terminal connector. E. H. Ayers. 2,381,331; Aug. 7.
Terminal construction. W. Dubilier. 2,374,084; Apr. 17.
Terminal element. K. J. Chichester. 2,391,391; Dec. 25.
Terminal fastening for electrical capacitors. K. H. Ballard. 2,389,018; Nov. 13.
Terminal, Sealing connector. J. F. Weakley. 2,387,630; Oct. 23.
Terminal, Spark plug. E. Mosthaf. 2,382,805; Aug. 14.
Terminal structure for oxidation products of electrical devices, Conducting. M. Lazarus. 2,370,104; Feb. 20.
Terminal stuffing tube. G. C. Thompson and E. F. Seaman. 2,367,700; Jan. 23.
Terminus device, Fluid passage. L. H. Scott. 2,366,428; Jan. 2.
Terne coating process. R. P. Finkbone and W. E. Marshall. 2,368,128; Jan. 30.
Terpene alcohols, Treatment of. A. C. Johnston. 2,366,409; Jan. 2.
Terpene derivatives. A. L. Rummelsburg. 2,370,689; Mar. 6.
Terpene derivatives. A. L. Rummelsburg. 2,373,343; Apr. 10.
Terpene derivatives A. L. Rummelsburg. 2,378,436; June 19.
Terpene derivatives. A. L. Rummelsburg. 2,379,039; June 26.
Terpene ethers. A. L. Rummelsburg. 2,388,765; Nov. 13.
Terpene isomerization in liquid phase. R. W. Martin. 2,384,482; Sept. 11.
Terpene polymers, Making. H. M. Spurlin. 2,391,359; Dec. 18.
Terpene products, Stabilization of. D. H. Sheffield. 2,387,304; Oct. 23.
Terpenes and production. Polymerized acyclic. A. L. Rummelsburg. 2,373,419; Apr. 10.
Terpenes, Reacting. D. A. Lister. 2,376,369; May 22.
Terry reinforcement and making the same. A. E. Page. 2,375,683; May 8.
Test method and system for variable gain amplifiers. J. W. Bayless. 2,385,186; Sept. 18.
Test plug for pipes. H. Kaeser. 2,375,995; May 15.
Test probe. M. Pitinsky, H. M. Gerst, and M. A. Shriro. 2,368,678; Feb. 6.
Tester, Coin weight. A. R. McKay. 2,370,869; Mar. 6.
Tester for wells. G. A. Humason. 2,389,512; Nov. 20.
Tester, Motor. V. L. Westberg, A. N. Nilson, and V. C. Westberg. 2,366,889; Jan. 9.
Tester, Pendulum impact. A. J. Berger. 2,388,246; Nov. 6.
Tester, Pocket current. J. Wich. 2,366,991; Jan. 9.
Tester, Pole soundness. H. J. Dana. 2,389,030; Nov. 13.
Tester, Starter. N. Mabery. 2,381,549; Aug. 7.
Testing apparatus. J. H. Green. 2,381,586; Aug. 7.
Testing apparatus. A. J. Korenyi. 2,374,215; Apr. 24.
Testing apparatus. H. R. Longfellow. 2,386,127; Oct. 2.
Testing apparatus. E. L. Malhiot. 2,367,513; Jan. 16.
Testing apparatus. J. L. Maxwell. 2,377,438; June 5.
Testing apparatus. J. A. Robinson. 2,369,799; Feb. 20.
Testing apparatus. F. Short. 2,371,192; Mar. 13.
Testing apparatus, Balance. R. E. Sharp. 2,377,045; May 29.
Testing apparatus, Block grease. H. G. Smith. 2,385,656; Sept. 25.
Testing apparatus for Link trainer recorders. L. S. Marshall. 2,383,006; Aug. 21.
Testing apparatus, Hydraulically operated hardness. P. Kratzer. 2,376,155; May 15.
Testing apparatus, Mounting. C. M. Hathaway. 2,381,283; Aug. 7.
Testing apparatus, Precision pull-bar. O. M. Summers. 2,386,989; Oct. 16.
Testing apparatus, Steam turbine. C. C. Franck. 2,379,700; July 3.
Testing apparatus, Stop watch. W. O. Bennett, Jr. 2,380,360; July 10.
Testing apparatus, Tensile strength. R. M. Parke and F. P. Bens. 2,375,032; May 1.
Testing arrangement for trunks to community dial offices. A. T. Perry. 2,389,076; Nov. 13.
Testing device. F. G. Back. 2,381,634; Aug. 7.
Testing device. A. F. Bandur. 2,379,947; July 10.
Testing device. O. H. Basquin. 2,375,209; May 8.
Testing device. W. H. Cummings. 2,376,232; May 15.
Testing device for control thermostats. E. C. Williams. 2,383,756; Aug. 28.
Testing device, Weight and capacity. G. P. Nairn. 2,383,269; Aug. 21.
Testing filled sealed cans for leaks. H. M. Slosberg. 2,391,354; Dec. 18.
Testing machine. E. G. Gerber. 2,366,394; Jan. 2.
Testing machine, Can. A. M. Cameron and V. Lelinski. 2,387,743; Oct. 30.
Testing means. G. F. Fermier. 2,389,190; Nov. 20.
Testing means, Magazine. R. M. Whitmore. 2,386,376; Oct. 9.
Testing, Method and apparatus for. H. E. Edgerton. 2,382,981; Aug. 21.
Testing method and apparatus, Gas. M. G. Jacobson. 2,378,019; June 12.
Testing, sorting or grading apparatus. F. F. Ruau. 2,376,556; May 22.
Testing the dynamic balance of wheels. H. G. Holmes. 2,380,108; July 10.
Tetanus toxin, Preparing. W. E. Bunney, and W. L. Koerber. 2,373,454; Apr. 10.
Tetrachloroethylene and chlorosilanes, Preparing. W. I. Patnode and R. W. Schiessler. 2,381,001; Aug. 7.
Tetrahydrofuran, Manufacture of. C. L. Wilson. 2,366,464; Jan. 2.
Tetraiodophenophthalein, Making. L. E. Sargent. 2,384,425; Sept. 4.
Tetrakis-2-chlorethyl silicate, Preparing. W. I. Patnode and R. O. Sauer. 2,381,137; Aug. 7.
Tetramitrates, Aliphatic dinitro. H. B. Hass and W. R. McElroy. 2,381,406; Aug. 7.
Tetrols, Aliphatic dinitro. H. B. Hass and W. R. McElroy. 2,387,019; Oct. 16.
Textile and making same. C. A. Castellan. 2,389,120; Nov. 20.
Textile and other articles, Production of. R. W. Moncrieff and H. Bates. 2,372,386; Mar. 27.
Textile and other materials, Treatment of. R. W. Moncrieff and H. Bates. 2,379,026; June 26.
Textile article and the manufacture thereof. E. Horler. 2,366,856; Jan. 9.
Textile bobbin and producing the same. H. L. Amrhein and E. E. Fuller. 2,378,901; June 26.
Textile device. B. Plunkett. 2,375,324; May 8.
Textile drawing mechanism. R. D. Tarr. 2,389,581; Nov. 20.
Textile drawing mechanism. S. R. Walsh and G. E. Repass. 2,370,598; Feb. 27.
Textile dyeing and finishing, method and product. C. H. Masland, 2nd. 2,367,730; Jan. 23.
Textile fabric. R. E. Reed. 2,387,354; Oct. 23.
Textile fabrics, Iodization. C. R. H. Ritter. 2,390,391; Dec. 4.
Textile fabrics, Treatment of. C. P. Atkinson. 2,384,871; Sept. 18.
Textile fiber working unit. R. W. Cutler. 2,373,876; Apr. 17.
Textile fibers, Manufacture of spun. J. B. Speakman. 2,371,717; Mar. 20.
Textile fibrous material, Method and apparatus for crimping. A. Bruenner and A. Lodge. 2,368,637; Feb. 6.

Textile finishing. J. T. Thurston. 2,385,765; Sept. 25.
Textile finishing and composition therefor. W. N. Oldham. 2,378,724; June 19.
Textile finishing composition. J. M. Hood. 2,376,595; May 22.
Textile finishing material. A. L. Rummelsburg. 2,368,732; Feb. 6.
Textile machine. H. Searlea. 2,373,854; Apr. 17.
Textile material. J. A. Truitt. 2,370,112; Feb. 20.
Textile material, Production of a hollow. O. W. Boles and H. O. Taylor. 2,379,783; July 3.
Textile material, Treating cellulosic. E. O. Ridgway, F. C. Tucker, and C. J. Kintner. 2,368,158; Jan. 30.
Textile materials. A. Lyem. 2,377,434; June 5.
Textile materials and the articles produced therefrom, Making coated. R. T. K. Cornwell. 2,390,780; Dec. 11.
Textile materials, Colouration of. A. J. Wesson. 2,384,001; Sept. 4.
Textile materials, films, and other shaped articles having a basis of a polymerized vinyl ester, Production of. R. P. Roberts, E. B. Johnson, and M. A. Young. 2,374,780; May 1.
Textile materials, Preservation of. A. W. Hanson and W. C. Goggin. 2,371,618; Mar. 20.
Textile materials, Treating. M. A. T. Rogers. 2,386,141; Oct. 2.
Textile materials, Treating. M. A. T. Rogers. 2,386,143; Oct. 2.
Textile materials, Treatment of. I. L. Griffin, D. E. Truax, and N. H. Nuttall. 2,381,587; Aug. 7.
Textile materials, Treatment of. G. W. Seymour and W. Brooks. 2,385,423; Sept. 25.
Textile materials, Treatment of. G. W. Seymour and D. Y. Miller. 2,385,110; Sept. 18.
Textile materials, Treatment of celluiosic. G. P. Vincent, A. L. Dubeau, and J. F. Synan. 2,383,900; Aug. 28.
Textile mill spindle. H. H. Brooksieker and P. I. Thyreen. 2,388,900; Nov. 13.
Textile printing composition. R. A. Pizzarello. 2,375,132; May 1.
Textile printing composition. St. C. Smith. 2,385,737; Sept. 25.
Textile printing pastes and textiles produced therefrom. N. S. Cassel. 2,381,878; Aug. 14.
Textile process. C. Dreyfus. 2,366,241; Jan. 2.
Textile product. W. Whitehead. 2,380,003; July 10.
Textile treatment. K. H. Barnard and B. Frankfurt. 2,390,235; Dec. 4.
Textile twisting machine. G. E. Nordstrom. 2,390,729; Dec. 11.
Textile yarns and like materials, Shrinking of. F. B. Hill and W. H. Kimpton. 2,388,742; Nov. 13.
Textiles colored with dyestuffs sensitive to chlorine, Chlorinating. A. Landolt. 2,373,191; Apr. 10.
Textiles, Dyeing and finishing of. E. Schubert and H. Pieret. 2,369,613; Feb. 13.
Textiles, Making. A. Unger. 2,374,631; Apr. 24.
Textiles, Stabilizing. J. A. Clark. 2,378,186; June 12.
Textiles, Treatment of. C. A. Hochwalt. 2,381,852; Aug. 7.
Textiles waterrepellant, Rendering. E. Waltmann and E. Wolf. 2,380,133; July 10.
Theft signal. W. A. Shanklin. 2,370,497; Fig. 27.
Therapeutic-anesthetic preparations. D. Curtis. 2,385,262; Sept. 18.
Therapeutic apparatus. N. D. Mininberg. 2,374,492; Apr. 24.
Therapeutic appliance. W. B. Rupe. 2,378,795; June 19.
Therapeutic compound. S. J. Nathan. 2,371,254; Mar. 13.
Therapeutic device. L. and R. Fisher. 2,384,670; Sept. 11.
Therapeutic device. B. R. Robertson. 2,366,989; Jan. 9.
Therapeutic product and making same. S. B. Mecca. 2,370,561; Feb. 27.
Therapeutic substance for measles. L. P. Strean. 2,386,725; Oct. 9.
Therapeutic tablet. I. B. Wershaw. 2,371,862; Mar. 20.
Therapeutic treatment. W. S. Eaton. 2,368,207; Jan. 30.
Therapeutically active substances, Preparing. R. T. Major and H. T. Bonnett. 2,374,367; Apr. 24.
Therapy apparatus, Portable field oxygen. W. M. Boothby and W. R. Lovelace, II. 2,390,236; Dec. 4.
Thermal decomposition of metallic nitrates. A. L. Fox and C. J. Chindgren. 2,374,674; May 1.
Thermal deposition of metals in a vacuum. P. Alexander. 2,387,970; Oct. 30.
Thermal element. R. E. Newell. 2,385,155; Sept. 18.
Thermal insulation and manufacture. G. P. Lelstensnider and H. H. Rinehart. 2,383,604; Aug. 28.
Thermal insulation and manufacture. H. H. Rinehart. 2,389,460; Nov. 20.
Thermal motor. L. A. Whitney and A. C. Kidder. 2,382,928; Aug. 14.
Thermal pump. R. Bottcher. 2,368,101; Jan. 30.
Thermal pump. E. M. Lieberman. 2,389,067; Nov. 13.
Thermal relay. H. E. Ashworth and S. B. Aylsworth. 2,371,018; Mar. 6.
Thermal responsive device. R. A. Gougeon. 2,367,117; Jan. 9.
Thermal responsive device. F. R. Higley. Re. 22,688; Nov. 6.
Thermal responsive device for electrical coils. E. D. Treanor. 2,374,055; Apr. 17.
Thermal retarder switch unit. C. M. Osterheld. 2,384,564; Nov. 6.
Thermal switch. W. Hill. 2,378,080; June 12.
Thermal switch and relay. J. Schmidinger. 2,388,712; Nov. 13.
Thermal treatment. P. T. Stroup. 2,380,202; July 10.
Thermal treatment. R. T. Wood and M. E. Gants. 2,389,583; Nov. 20.
Thermal treatment for aluminum base alloys. J. A. Nock, Jr., and T. W. Bossert. 2,388,563; Nov. 6.
Thermally hardening steel. J. M. Hodge and M. W. Lightner. 2,374,351; Apr. 24.
Thermals, Producing artificial. F. W. Lee. 2,371,629; Mar. 20.
Thermionic device and fabrication. W. W. Watrous, Jr. 2,372,037; Mar. 20.
Thermionic device for converting frequency-modulation into amplitude-modulation. E. H. Lange. 2,369,055; Feb. 6.
Thermionic tube circuits. C. E. McClellan. 2,379,168; June 26.
Thermionic valve apparatus. R. L. Fortescue. 2,389,145; Nov. 20
Thermionic valve circuit. A. W. Ewen. 2,368,351; Jan. 30.
Thermionic valve circuits. P. K. Chatterjea and C. T. Scully. 2,378,620; June 19.
Thermionic valve circuits. G. J. Scoles. 2,383,420; Aug. 21.
Thermocouple. A. Graves and G. A. R. Tomes. 2,381,819; Aug. 7.
Thermocouple. H. S. Jones. 2,381,058; Aug. 7.
Thermocouple. W. A. Ray. 2,370,326; Feb. 27.
Thermocouple. H. T. Sparrow and J. M. Wilson. 2,378,804; June 19.
Thermocouple assembly. E. L. Frownfelter. 2,371,288; Mar. 13.
Thermocouple mounting for furnaces. W. B. Levy. 2,382,888; Aug. 14.
Thermocouple tube. G. N. Goller. 2,384,024; Sept. 4.
Thermoelectric control circuit. E. Paille. 2,383,676; Aug. 28.
Thermoelectric device. E. Paille. 2,385,530; Sept. 25.
Thermoelectric device. W. R. Ray. 2,374,701; May 1.
Thermoelectric generator. H. J. Findley. 2,390,578; Dec. 11.
Thermoelectric safety shutoff device and cock. C. Wants. 2,372,537; Mar. 27.
Thermohydrometer. R. Edelmann. 2,368,123; Jan. 30.
Thermometer. G. Bouyoucos. 2,375,892; May 15.
Thermometer case. A. C. Bruns. 2,389,485; Nov. 20.
Thermometer, Indicating. N. J. Smith. 2,374,786; May 1.
Thermometric apparatus. M. A. Picciano. 2,379,317; June 26.
Thermoplastic arch supports, Method and apparatus for fitting. W. M. Scholl. 2,367,804; Jan. 23.
Thermoplastic composition. J. F. Zemaitis. 2,375,162; May 1.
Thermoplastic compositions. P. M. Downey. 2,387,502; Oct. 23.
Thermoplastic compositions and making same, New. G. D. Martin. 2,382,497; Aug. 14.
Thermoplastic compositions and products obtained thereby, Making. G. D. Martin. 2,386,968; Oct. 16.
Thermoplastic compositions and products obtained thereby, Making. G. D. Martin. 2,387,521; Oct. 23.
Thermoplastic compositions, Extruding. B. Andersen and R. F. Strasdin. 2,384,521; Sept. 11.
Thermoplastic compositions, Extruding fused. H. Dreyfus. 2,370,721; Mar. 6.
Thermoplastic construction. J. P. Gits. 2,380,515; July 31.
Thermoplastic domes, Preparing. E. L. Helwig. 2,367,642; Jan. 16.
Thermoplastic fibrous product. P. Goldstein and H. R. Gillette. 2,376,688; May 22.
Thermoplastic material, Forming. P. P. Weichbrodt and F. L. Williamson. 2,370,827; Mar. 6.
Thermoplastic materials, Extrusion of. E. G. Williams. 2,384,224; Sept. 4.
Thermoplastic materials in fibrous or cellular form, Production of. W. I. Taylor. 2,372,695; Apr. 3.
Thermoplastic materials, Joining. G. Lindh and W. M. Phillips, Jr. 2,367,725; Jan. 23.
Thermoplastic product, Making a fibrous. P. Goldstein and H. R. Gillette. 2,376,687; May 22.
Thermoplastic products derived from rubbers. T. W. Bartram. 2,384,876; Sept. 18.
Thermoplastic sheets of nonuniform thickness, Production of. W. F. Bartoe and W. R. Speck. 2,385,486; Sept. 25.
Thermoresponsive device. A. Stockstrom. 2,376,631; May 22.
Thermoresponsive measuring instrument. H. P. Vassar. 2,385,044; Sept. 18.
Thermosetting plastic material. Le G. Daly. 2,384,015; Sept. 4.
Thermosetting urea-formaldehyde composition. H. A. Walter. 2,373,362; Apr. 10.
Thermostat. E. K. Clark. 2,370,146; Feb. 27.
Thermostat. W. B. Griffith. 2,389,429; Nov. 20.
Thermostat. L. S. Houghton and J. J. Rothwell. 2,371,998; Mar. 20.
Thermostat. W. A. Ray. 2,381,557; Aug. 7.
Thermostat. F. and J. Reingruber. 2,389,686; Nov. 27.
Thermostat. V. Weber. 2,372,464; Mar. 27.

Thermostat. V. Weber. 2,385,433; Sept. 25.
Thermostat, Battery charging. B. F. W. Heyer. 2,376,056; May 15.
Thermostat, Compensated refrigerator. B. E. Shaw and E. F. Swanson. 2,376,092; May 15.
Thermostat, Compensating. L. J. Kocl. 2,390,947–8; Dec. 11.
Thermostat control circuit. T. J. Lehane and E. H. Burgess. 2,382,073; Aug. 14.
Thermostat, safety pilot, and limit control. H. A. Mantz. 2,383,401; Aug. 21.
Thermostatic adjustment for meter calibrating mechanism. C. P. Griffith and J. J. Delaney. 2,366,330; Jan. 2.
Thermostatic mixer. H. Barnett. 2,382,283; Aug. 14.
Thermoswitch. N. J. Smith. 2,373,857; Apr. 17.
Thickener apparatus. J. H. V. Finney. 2,382,409; Aug. 14.
Thickening and congealing agent. J. J. Willaman. 2,373,729; Apr. 17.
Thief signal. C. S. Johnson. 2,385,707; Sept. 25.
Thienyl amines and making them. G. J. VanZoeren. 2,367,702; Jan. 23.
Thimble and clamp, Cable. J. L. McKeown. 2,381,357; Aug. 7.
Thimble, Extraction. M. R. Arnold. 2,384,230; Sept. 4.
Thimble, Hot gas outlet. R. C. Wright. 2,388,511; Nov. 6.
Thimble, Towline. A. Vaszin. 2,381,193; Aug. 7.
Thio-barbiturates. C. O. Wilson and J. H. Boothe. 2,386,026; Oct. 2.
Thiocarbanilide, Wettable and dispersible. R. B. Booth. 2,383,106; Aug. 21.
Thiocyanates, Making. G. Riethof. 2,372,119; Mar. 20.
Thioethers derived from polymers of cyclopentadiene. H. A. Bruson and T. W. Riener. 2,376,340; May 22.
Thioketones. L. G. S. Brooker and G. H. Keyes. 2,369,646; Feb. 20.
Thioketones and preparing them. L. G. S. Brooker and G. H. Keyes. 2,369,657; Feb. 20.
Thioketones, Preparing. L. G. S. Brooker and G. H. Keyes. 2,369,647; Feb. 20.
Thiosalicylic acid antifoggant. H. D. Russell. 2,377,375; June 5.
Thread. F. Feron. 2,382,704; Aug. 14.
Thread accumulator for weft replenishing looms. W. H. Wakefield. 2,390,478; Dec. 4.
Thread-advancing reel. H. J. McDermott. 2,386,249; Oct. 9.
Thread and/or fabric. J. I. Taylor and K. T. Schaefer. 2,375,261; May 8.
Thread and product thereof, Handling elastic. S. W. Alderfer. 2,380,373; July 31.
Thread chasing attachment, Automatic. N. Young. 2,370,218; Feb. 27.
Thread control device for sewing machines. C. R. Backlin. 2,386,678; Oct. 9.
Thread control for weft replenishing mechanism. C. Darwin. 2,387,122; Oct. 16.
Thread control system for looms, Pneumatic. R. G. Turner. 2,390,014; Nov. 27.
Thread control system for weft replenishing looms. W. H. Wakefield. 2,375,712; May 8.
Thread controlling device for sewing machines. F. Ashworth. 2,389,124; Nov. 20.
Thread cutter. J. Chudner. 2,376,417; May 22.
Thread cutter. W. B. Johnson. 2,379,908; July 10
Thread-cutting apparatus. H. Kayfetz. 2,389,857; Nov. 27.
Thread-cutting mechanism. C. A. Reimchissel and H. Davies. 2,387,294; Oct. 23.
Thread cutting tool. A. Burrows. 2,391,223; Dec. 18.
Thread dispensing device. C. F. Warren. 2,370,699; Mar. 6.
Thread fitting, Straight. O. C. Martin. 2,373,253; Apr. 10.
Thread grinding machine. H. V. Christensen. 2,375,079; May 1.
Thread grinding machine. S. J. Harley and J. E. Wainwright. 2,381,051; Aug. 7.
Thread guide. K. M. McLellan. 2,385,097; Sept. 18.
Thread guide, Electrically conductive ceramic. H. Thurnauer. 2,369,266; Feb. 13.
Thread guide for thread holders. E. A. Santon. 2,387,302; Oct. 23.
Thread holder for magasines. H. A. Whitin. 2,375,156; May 1.
Thread in knitted fabrics, Feeding elastic. J. L. Getaz. 2,377,490; June 5.
Thread in knitted fabrics, Incorporating elastic. J. L. Getaz. 2,377,489; June 5.
Thread lock. G. L. Ericsson. 2,378,071; June 12.
Thread protector. B. Engstrom. 2,385,408; Sept. 25.
Thread protector. E. W. Krause. 2,378,710; June 19.
Thread remover for weft replenishing looms. A. Cederlund. 2,376,229; May 15.
Thread rolling apparatus. J. H. Hoern. 2,367,398; Jan. 16.
Thread rolling machine. A. B. Reed. 2,367,612; Jan. 16.
Thread separating thread holder. O. V. Payne. 2,387,289; Oct. 23.
Thread severing device for sewing machines. J. P. Enos. 2,372,318; Mar. 27.
Thread take-up device. C. R. Backlin. 2,390,681; Dec. 11.
Thread tensioning devices, Method and apparatus for evaluating. F. A. Decker, Jr., and P. G. Woodward. 2,380,951; Aug. 7.
Threaded device, Self-locking. H. R. Harding. 2,367,213; Jan. 16.
Threaded fastener. C. B. Breedlove. 2,378,462; June 19.
Threaded fastener. R. Mitchell. 2,390,726; Dec. 11.
Threaded sheet metal plug. W. C. Grosser. 2,387,990; Oct. 30.
Threader, Portable power. E. L. Cook. 2,374,176; Apr. 24.
Threading and tensioning device, Shuttle. J. Coldwell. 2,383,239; Aug. 21.
Threading and testing machine. J. E. Heckethorn. 2,380,841; July 31.
Threading apparatus. G. I. Zeichner. 2,377,659; June 5.
Threading device. M. Hornstein. 2,373,958; Apr. 17.
Threading device, Self-locking. C. W. Soldan. 2,367,379; Jan. 16.
Threading machine. M. Mitchko. 2,368,720; Feb. 6.
Threadless conduit coupling. C. S. Brown. 2,369,942; Feb. 20.
Threadless fastening device. H. E. Mills. 2,369,480; Feb. 13.
Threadlike structure. R. P. Dinsmore. 2,386,666; Oct. 9.
Threads and the like, Method of and device for treating. J. P. Tarbox. 2,368,386; Jan. 30.
Threads, filaments, and the like, Manufacture and production of artificial. R. L. Wormell. 2,372,622; Mar. 27.
3-derivatives of the saturated and unsaturated androstane-3-one-17-olssubstituted in 17-position and making same as well as the corresponding free ketones. K. Miescher. 2,386,331; Oct. 9.
3,4-Dihydroxyphenisopropyl alkylamines. G. A. Alles and R. N. Icke. 2,378,889; June 26.
3,4-xylidine, Manufacture of. V. Weinmayr. 2,373,438; Apr. 10.
Three-magnet double-loop directional relay. A. C. Mehring and S. L. Goldsborough. 2,379,918; July 10.
Three way valve. D. W. Hopkins. 2,383,861; Aug. 28.
Three-way valve. A. L. Parker and E. C. Hartley. 2,391,505; Dec. 25.
Thresher. B. F. Jones. 2,387,796; Oct. 30.
Thresher, Harvester. R. L. Anderson, C. R. Arnold, and L. A. Paradise. 2,367,990; Jan. 23.
Thresher, Harvester. W. R. Dray. 2,377,331; June 5.
Thresher machine. W. R. Dray. 2,383,911; Aug. 28.
Threshing machine. J. D. Jorg. 2,377,238; May 29.
Throttle control device for aircraft engines. L. S. Greenland. 2,376,890; May 22.
Throttle control for locomotives or the like. W. F. Kromer. 2,383,063; Aug. 21.
Throttling valve. F. E. Shelly. 2,373,268; Apr. 10.
Throwover regulator. R. E. Evarts. 2,380,956; Aug. 7.
Thrust bearing. M. W. Huber. 2,380,179; July 10.
Thrust bearing. H. E. Kaye. 2,374,820; May 1.
Thrust bearing and mounting therefor. W. T. Murden. 2,387,602; Oct. 23.
Thrust loader, Centrifugal. R. F. Onsrud. 2,379,099; June 26.
Thrust meter. A. W. Gardiner. 2,367,017; Jan. 9.
Thumbscrew. C. C. Moss. 2,383,670; Aug. 28.
Thyratron inverter. H. Carleton. 2,390,508; Dec. 11.
Thyroprotein composition and making the same. C. W. Turner and E. Reineke. 2,379,842; July 3.
Ticket issuing machine. R. H. Helsel. 2,383,796; Aug. 28.
Ticket printing and issuing machine. J. E. Hopping. 2,370,730; Mar. 6.
Tieback for curtains. R. S. Van Cleeff. 2,391,205. Dec. 18.
Tie clip. S. Visas. 2,388,196; Oct. 30.
Tie, Concrete form. T. R. Judkins. 2,383,864; Aug. 28.
Tie folding and slip stitch sewing machine, Combined. C. W. Johnson and J. A. Neumair. 2,383,654; Aug. 28.
Tie-holding attachment. W. I. Kennedy. 2,389,784; Nov. 27.
Tie lifter. P. Ruggeri. 2,374,705; May 1.
Tie line. L. J. Bowne. 2,379,061; June 26.
Tie plate, Cushioned. K. L. Johnson. 2,377,942; June 12.
Tie rack. W. G. Williams. 2,367,253; Jan. 16.
Tie, Railroad. J. B. Carmichael. 2,370,715; Mar. 6.
Tightener and sealer, Bond. M. S. Harris. 2,374,349; Apr. 24.
Tightener, Wadding roll. C. A. Fourness and C. H. Reichel. 2,386,943; Oct. 16.
Tile, Manufacturing surface ornamented acoustical. R. H. Stitt. 2,388,880; Nov. 13.
Tile, Mastic. M. K. Bare. 2,378,377; June 19.
Tiller, Disk. W. H. Silver. 2,376,455; May 22.
Tilt-type lever-operated switch. W. L. Dietrich. 2,377,134; May 29.
Tilting apparatus. D. H. Mitchell and R. R. Pollard. 2,386,906; Oct. 16.
Tilting furnace. M. Tama and J. L. Hoff. 2,368,173; Jan. 30.
Tilting mechanism for Venetian blinds. R. C. Larson. 2,388,000; Oct. 30.
Tilting mechanism for venetian blinds. E. E. Schaefer. 2,389,079; Feb. 6.
Timber connector. R. G. Kimbell. 2,377,156; May 29
Timber connector. C. Mackintosh. 2,391,061; Dec. 18.
Timber load carrying member. J. R. Burke, H. L. Worthington, and G. Runciman. 2,382,201; Aug. 14.
Timber, Treating. C. Luckhaupt. 2,383,504; Aug. 28.

Time-controlled electric switch. L. H. Brune and E. J. Ries. 2,382,972; Aug. 21.
Time delay device. F. W. Lyle. 2,383,328; Aug. 21.
Time delay mechanism. F. R. Thresh. 2,374,846; May 1.
Time-delay relay switch. W. Jones. 2,389,856; Nov. 27.
Time delay system. W. Few. 2,371,981; Mar. 20.
Time designator, International. B. S. Speeros. 2,369,760; Feb. 20.
Time element relay. O. S. Field. 2,378,293; June 12.
Time fuse for ordnance equipment, Mechanical. T. M. Perry and F. H. Hunter. 2,376,080; May 15.
Time indicating mechanism. N. Hammer. 2,380,171; July 10.
Time intervals, Measuring. O. Kornel. 2,370,176; Feb. 27.
Time measuring system. W. H. T. Holden. 2,370,727; Mar. 6.
Time mechanism. J. L. Harris. 2,384,373; Sept. 4.
Time recorder. F. Q. East. 2,366,872; Jan. 9.
Time recorder, Card. J. A. Dell and H. E. Hobby. 2,389,345; Nov. 20.
Time shell. G. Cahill. 2,369,337; Feb. 13.
Time signaling apparatus. C. E. Chapman. 2,380,943; Aug. 7.
Time system. A. L. Sprecker. 2,379,836; July 3.
Time-train unit for clocks and the like. M. J. Johnson. 2,383,391; Aug. 21.
Timer. L. W. Coren. 2,372,253; Mar. 27.
Timer. C. Swift. 2,377,461; June 5.
Timer and measuring control, Sequence. J. E. Preston. 2,374,779; May 1.
Timer for toasters and the like. A. J. Huck. 2,389,434; Nov. 20.
Timer, Interval. L. P. Morris. 2,374,946; May 1.
Timer, Program. W. and P. Klamp. 2,386,956; Oct. 16.
Timer switch. J. R. Pattee. 2,366,454; Jan. 2.
Timer, Towel cabinet. R. Morris. 2,391,471; Dec. 25.
Timing. S. J. Begun. 2,370,133; Feb. 27.
Timing and display apparatus, Combined. R. W. Zimmerman. 2,375,062; May 1.
Timing apparatus. M. E. Bivens. 2,390,981; Dec. 18.
Timing apparatus. W. P. Gallagher. 2,367,016; Jan. 9.
Timing apparatus. T. B. Gibbs and M. E. Brown. 2,390,364; Dec. 4.
Timing box mechanism for machine tools. A. J. Fuller. 2,377,337; June 5.
Timing control means for internal combustion engines, Ignition. M. Mallory. 2,377,566; June 5.
Timing control system. C. J. Collom. 2,391,009; Dec. 18.
Timing device. S. J. Begun. 2,370,134; Feb. 27.
Timing device. W. O. Bennett, Jr. 2,372,757; Apr. 3.
Timing device. F. J. Hooven. 2,370,166; Feb. 27.
Timing device. M. H. Rhodes. 2,369,688; Feb. 20.
Timing device for power transmission systems. H. F. Vickers. 2,389,473; Nov. 20.
Timing device for power transmission systems. H. F. Vickers. 2,390,755; Dec. 11.
Timing device, Intermitter. W. R. King. 2,380,969; Aug. 7.
Timing mechanism. H. E. Somes. 2,387,097; Oct. 16.
Timing mechanism for magnetic recorders, Safety. M. Camras. 2,381,036; Aug. 7.
Timing modulated waves, Reception of. H. Tunick. 2,371,416; Mar. 13.
Timing modulation. G. L. Usselman. 2,379,201; June 26.
Timing relay. K. Mahnke. 2,381,300; Aug. 7.
Timing system for sorting apparatus, Electronic. C. E. Smith. 2,387,952; Oct. 30.
Tin-plate flowing apparatus. M. P. Vore. 2,381,323; Aug. 7.
Tin-plating of aluminum. E. V. Blackmun and M. P. Mikula. 2,377,606; June 5.
Tine. C. W. Kelsey. 2,366,625; Jan. 2.
Tine assembly. C. W. Kelsey. 2,366,624; Jan. 2.
Tint finish, Aqueous. V. L. Denny, Jr. 2,275,839; May 15.
Tip construction, Airfoil. M. Watter and G. W. Pancoe. 2,383,635; Aug. 28.
Tip for cigarettes and the like, Igniting. M. and B. M. Feldman. 2,371,287; Mar. 13.
Tippler Wagon. G. W. Grossmith and H. F. H. Shields. 2,374,009; Apr. 17.
Tire. B. B. Levy. 2,391,579; Dec. 25.
Tire. F. R. Mays and R. R. Royal. 2,379,095; June 26.
Tire. F. R. Mays and R. R. Royal. 2,383,668; Aug. 28.
Tire. B. E. Mendelsohn. 2,375,127; May 1.
Tire alarm, Low-pressure. L. H. Rykken. 2,368,617; Feb. 6.
Tire and rim assembly, Pneumatic. W. S. Brink. 2,367,820; Jan. 23.
Tire and wheel provided therewith, Resilient. L. Campagnano. 2,369,016; Feb. 6.
Tire bead former. F. J. Shook. 2,382,672; Aug. 14.
Tire bead lock. W. S. Brink. 2,367,828; Jan. 23.
Tire buffing and rebuilding machine. P. O. Chambers. 2,366,685; Jan. 2.
Tire building apparatus. R. C. Bateman. 2,369,998; Feb. 20.
Tire building apparatus. H. D. Stevens. 2,381,379; Aug. 7.
Tire building apparatus (ply turndown). H. D. Stevens. 2,381,401; Aug. 7.
Tire building machine. F. S. Sternad, and J. P. Sapp. 2,373,354; Apr. 10.
Tire carrier. M. J. Falslev and S. Sims. 2,383,476; Aug. 28.
Tire-casing spreading and inspecting machine. R. G. Stoehr. 2,375,595; May 8.
Tire chain tool. N. C. Oddo. 2,374,616; Apr. 24.
Tire construction. T. J. Hoy. 2,375,992; May 15.
Tire construction. B. E. Mendelsohn. 2,391,841; Dec. 25.
Tire construction. H. M. Renner. 2,368,325; Jan. 30.
Tire construction, Resilient. J. C. Miller. 2,366,638; Jan. 2.
Tire, Cushion. C. A. Colgren. 2,378,130; June 12.
Tire for car wheels. E. Ovalle. 2,376,179; May 15.
Tire inflating device. G. E. Stevenson. 2,391,652; Dec. 25.
Tire manufacture. A. F. Larabee. 2,376,494; May 22.
Tire mold. T. P. Bacon. 2,372,644; Apr. 3.
Tire press. J. S. Plumeau and C. C. Ottoson. 2,373,975. Apr. 17.
Tire pressure alarm. A. M. Heath. 2,374,748; May 1.
Tire pressure gauge. A. Pascoo. 2,368,564; Jan. 30.
Tire repairing device. C. W. Macy. 2,373,769; Apr. 17.
Tire service rack. H. Seip. 2,370,496; Feb. 27.
Tire shield, Automobile. H. Spingler. 2,387,188; Oct. 16.
Tire testing apparatus. R. W. Allen. 2,367,838; Jan. 23.
Tire tool. B. W. Howard. 2,391,626; Dec. 25.
Tire tool. O. V. Teegarden. 2,378,955; June 26.
Tire tread. J. Reiner, Jr. 2,373,599; Apr. 10.
Tire valve. K. V. Baker. 2,378,384; June 19.
Tire valve. A. E. Dank. 2,370,451; Feb. 27.
Tire valve. G. Hoffmann. 2,371,891; Mar. 20.
Tire vulcanizing apparatus. T. P. Bacon, Jr. 2,380,380; July 31.
Tires, Manufacture of solid rubber. H. S. Church. 2,386,034; Oct. 2.
Tires, Manufacturing. F. Kovacs. 2,382,068; Aug. 14.
Tires, Preserving. P. Glasser. 2,370,790; Mar. 6.
Tires, Recapping vehicle. L. A. Stephens and I. W. Lederer. 2,382,269; Aug. 14.
Tires, Repairing. E. Heilier. 2,370,958; Mar. 6.
Titanium dioxide, Manufacture of. J. Heinen. 2,367,118; Jan. 9.
Titanium dioxide, Preparing. W. J. Cauwenberg and C. A. Tanner, Jr. 2,389,026; Nov. 13.
Titanium oxide pigments, Treating. R. M. McKinney. 2,378,148; June 12.
Titanium pigments, Production of improved. G. R. Seidel. 2,387,534; Oct. 23.
Titanium salt solutions, Controlling the metastability of hydrolyzable. R. Dahlstrom. 2,368,591; Jan. 30.
Titanium tetrachloride, Purification of. B. De Witt. 2,370,525; Feb. 27.
Toaster. I. Jepson. 2,368,026; Jan. 23.
Toaster. J. W. Myers. 2,388,641; Nov. 6.
Toaster. H. L. Newell. 2,367,044; Jan. 9.
Toaster apparatus. B. F. Parr. 2,389,927; Nov. 27.
Toaster, Automatic. N. B. Wales. 2,387,817; Oct. 30.
Toaster, Electric. B. G. Olving. 2,383,673; Aug. 28.
Toasting apparatus. R. I. Felver and B. F. Parr. 2,378,073; June 12.
Toasting apparatus. J. R. Heilman. 2,379,709; July 3.
Toasting apparatus, Automatic. M. L. Warner. 2,371,084; Mar. 6.
Toasting device. H. H. Buttner. 2,382,380; Aug. 14.
Toasting device. M. W. Humphreys. 2,387,586; Oct. 23.
Tobacco compositions. R. M. Goepp, Jr. 2,371,389; Mar. 13.
Tobacco, Conditioning. R. D. Touton. 2,379,117; June 26.
Tobacco curing system. J. R. Henderson. 2,376,873; May 29.
Tobacco cutting mechanism. J. P. Durning. 2,378,133; June 12.
Tobacco feeding device. G. Zint. 2,389,398; Nov. 20.
Tobacco for cigar machines, Handling filler. R. E. Rundell. 2,378,953; June 26.
Tobacco pipe. G. R. Comptois. 2,391,548; Dec. 25.
Tobacco pipe. M. G. Hilpert. 2,383,968; Sept. 4.
Tobacco pipe. R. H. Reinhold and G. W. Fossieck. 2,388,338; Nov. 6.
Tobacco stick. L. C. and M. C. Mayers. 2,378,313; June 12.
Toboggan. N. Tufts. 2,367,157; Jan. 9.
Tocopherols, Preparation of. J. G. Baxter and C. D Robeson. 2,379,420; July 3.
Toe-lasting machine. B. Jorgensen. 2,367,282; Jan. 16.
Toggle lever press. A. Schneider and E. Ungethuem. 2,387,041; Oct. 16.
Toggle mechanism. H. Perret. 2,368,775; Feb. 6.
Toilet, Animal. E. J. Thompson. 2,390,854; Dec. 11.
Toilet deodorizer. H. W. Sanford, A. F. Sanford, II, and R. C. Prueitt. 2,371,923; Mar. 20.
Toilet paper roll holder. W. M. McClearen. 2,369,970; Feb. 20.
Toilet paper roll holder. V. F. Olson. 2,382,659; Aug. 14.
Toilet seat and cover hinge. H. D. Watson. 2,366,762; Jan. 9.
Toilet, Ventilated. A. P. Riedele. 2,389,165; Nov. 20.
Toiletry appliance. J. Germanotta. 2,375,643; May 8.
Token and receptacle for airway traffic control systems. O. S. Field and S. N. Wight. 2,376,846; May 22.

Toll ticketing system, Automatic. A. J. Busch. 2,370,712; Mar. 6.
Toluene and xylenes, Synthesis of. D. L. Fuller and B. S. Greensfelder. 2,378,210; June 12.
Toluene from hydrocarbon mixtures, Recovering. C. R. Clark. 2,385,610; Sept. 25.
Toluene, Producing. A. G. Oblad. 2,383,072; Aug. 21.
Toluene, Recovering. C. R. Clark. 2,388,040; Oct. 30.
Tone and volume control means. W. S. Bachman. 2,377,421; May 29.
Tone chamber. F. C. Carter. 2,368,639; Feb. 6.
Tone post for violins and similar musical instruments. J. B. Patmor. 2,370,460; Feb. 27.
Tong, Plate. L. Nelson. 2,384,636; Sept. 11.
Tongs. J. A. Gammel. 2,381,045; Aug. 7.
Tongs, Automatic ingot. J. H. Hopkins and E. H. Kendall. 2,382,227; Aug. 14.
Tongs, Barrel. R. W. Westfall. 2,377,845; June 5.
Tongs, Carrying. F. G. Radtke. 2,367,889; Jan. 23.
Tongs, Extracting. F. W. Hadley. 2,382,145; Aug. 14.
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Reaming tool.
Remotely controlled flow valve operating tool.
Rethreading tool.
Rivet applying tool.
Rivet set forming tool.
Riveting tool.
Roof constructing tool.
Rope splicing tool.
Rotary buffing tool.
Rotary burnishing tool.
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Tool and dresser, Radil. S. Barrera. 2,390,914; Dec. 11.
Tool and forming same, Diamond dressing. R. G. Williams. 2,368,696; Feb. 6.
Tool and holder for turret lathes, screw machines, and the like. K. F. Surber. 2,366,810; Jan. 9.
Tool and making the same. L. J. St. Clair. 2,384,204; Sept. 4.
Tool apparatus. E. J. Hart. 2,375,358; May 8.
Toolbox. A. T. Randall. 2,386,573; Oct. 9.
Tool control, Machine. C. Johnson. 2,389,731; Nov. 27.
Tool driver. W. Muir. 2,391,438; Dec. 25.
Tool for aligning plates. F. R. Buckley. 2,376,957; May 29.
Tool for applying electrical and telephone tip terminals. L. Rosenthal. 2,369,180; Feb. 13.
Tool for applying tube sealing devices. A. H. Breslove. 2,385,055; Sept. 18.
Tool for bridging plugs, Setting. D. E. Batchelder. 2,382,770; Aug. 14.
Tool for elevator chains, Lifting. H. C. Medley. 2,377,258; May 29.
Tool for elevator chains, Lifting. H. S. Schneider. 2,377,270; May 29.
Tool for extrusion presses, Discard shearing. H. Lorant. 2,385,144; Sept. 18.
Tool for forming joints. E. E. Howe. 2,381,747; Aug. 7.
Tool for inserting insulating strips, Hand. F. S. Kundtz. 2,388,853; Nov. 13.
Tool for loosening tires. W. E. McCulloch. 2,367,638; Jan. 16.
Tool for making electrical connections. V. E. Carlson. 2,382,292; Aug. 14.
Tool for making strips from sheet material. S. E. King. 2,387,450; Oct. 23.
Tool for removing valve seats, bushings or the like. J. A. Anderson. 2,366,467; Jan. 2.
Tool for securing inserts in tapped holes. H. W. Cram and E. Eckener. 2,390,515; Dec. 11.
Tool for splitting wire or cable covering. W. I. Lindall. 2,368,227; Jan. 30.
Tool for straightening or bending, Automatic press. F. S. Saunders. 2,379,658; July 3.
Tool for stuffing pimiento and the like. M. S. Ball. 2,384,429; Sept. 11.
Tool for wells, Retrievable squeezing. W. W. Whatley, II. 2,379,558; July 3.
Tool for wire coverings, Cutting. O. E. Jones. 2,370,733; Mar. 6.
Tool-guiding apparatus. R. Chelborg and H. Pufahl. 2,373,541; Apr. 10.
Toolhead lock. W. L. Dysart and A. L. Adkins. 2,368,976; Feb. 6.
Toolhead, Multiple operation. G. F. Esson. 2,383,050; Aug. 21.
Tool head or the like. A. E. Schnable. 2,387,412; Oct. 23.
Tool head, Rotary. A. W. Klomp. 2,368,846; Feb. 6.
Toolholder. G. J. Braun. 2,371,377; Mar. 13.
Toolholder. L. B. Brown. 2,373,535; Apr. 10.
Toolholder. C. A. Cherry. 2,384,600; Sept. 11.
Toolholder. J. H. Drake. 2,391,142; Dec. 18.
Toolholder. A. Erickson. 2,373,301; Apr. 10.
Toolholder. V. E. Griffin. 2,386,851; Oct. 16.
Toolholder. J. Grigalauskl. 2,375,916; May 15.
Toolholder. A. A. Mercer. 2,370,742; Mar. 6.
Tool holder. E. T. Pringle, Jr. 2,382,911; Aug. 14.
Toolholder. C. A. Rich. 2,377,519; June 5.
Toolholder, Adjustable. J. A. Anania. 2,375,882; May 15.
Toolholder and guard. J. Formosa. 2,366,249; Jan. 2.
Tool holder assembly. A. Kyle and J. A. Johnson. 2,389,858; Nov. 27.
Toolholder for boring machines and the like, Precision. W. Borek. 2,374,325; Apr. 24.
Toolholder for metal planers. L. P. Jarrell. 2,385,519; Sept. 25.
Toolholder for plate shearing machines. A. I. K. Slettengren. 2,374,625; Apr. 24.
Tool holder for radius cutting. W. W. Linyard. 2,377,561; June 5.
Toolholding attachment for lathes. J. A. Honegger. 2,378,923; June 26.
Tool mounting. E. Hijmans. 2,390,148; Dec. 4.
Tool perforating, Heated. M. R. Saslaw. 2,374,706; May 1.
Tool post hold-down, Shaper. F. Johnson. 2,388,547; Nov. 6.
Tool post, Universal lathe. A. F. Feaster. 2,374,477; Apr. 24.
Tool setting gauge. A. T. Hanes, Jr. 2,380,593; July 31.
Tool shank repair process and repair product. H. R. Matson. 2,376,931; May 29.
Toolslide mechanism. R. C. Gocht. 2,369,039; Feb. 6.
Tool steel. F. H. Clark and R. F. Dirkes. 2,369,211; Feb. 13.
Tool structure for two-way planing. G. E. Marx. 2,369,361; Feb. 13.
Tool support. G. S. Boyd. 2,388,522; Nov. 6.
Tool support. E. E. Crane. 2,389,296; Nov. 20.

Time-controlled electric switch. L. H. Brune and E. J. Ries. 2,382,972; Aug. 21.
Time delay device. F. W. Lyle. 2,383,328; Aug. 21.
Time delay mechanism. F. R. Thresh. 2,374,846; May 1.
Time-delay relay switch. W. Jones. 2,389,856; Nov. 27.
Time delay system. W. Few. 2,371,981; Mar. 20.
Time designator, International. B. S. Speeros. 2,369,760; Feb. 20.
Time element relay. O. S. Field. 2,378,293; June 12.
Time fuse for ordnance equipment, Mechanical. T. M Perry and F. H. Hunter. 2,376,080; May 15.
Time indicating mechanism. N. Hammer. 2,380,171; July 10.
Time intervals, Measuring. O. Kornel. 2,370,176; Feb 27.
Time measuring system. W. H. T. Holden. 2,370,727; Mar. 6.
Time mechanism. J. L. Harris. 2,384,373; Sept. 4.
Time recorder. F. Q. Rast. 2,366,872; Jan. 9.
Time recorder, Card. J. A. Dell and H. E. Hobby. 2,389,345; Nov. 20.
Time shell. G. Cahill. 2,369,337; Feb. 13.
Time signaling apparatus. C. E. Chapman. 2,380,943; Aug. 7.
Time system. A. L. Sprecker. 2,379,836; July 3.
Time-train unit for clocks and the like. M. J. Johnson 2,383,391; Aug. 21.
Timer. L. W. Coren. 2,372,253; Mar. 27.
Timer. C. Swift. 2,377,461; June 5.
Timer and measuring control, Sequence. J. E. Preston. 2,374,779; May 1.
Timer for toasters and the like. A. J. Huck. 2,389,434; Nov. 20.
Timer, Interval. L. P. Morris. 2,374,946; May 1.
Timer, Program. W. and P. Klamp. 2,386,956; Oct. 16.
Timer switch. J. R. Pattee. 2,366,454; Jan. 2.
Timer, Towel cabinet. R. Morris. 2,391,471; Dec. 25.
Timing. S. J. Begun. 2,370,133; Feb. 27.
Timing and display apparatus, Combined. R. W. Zimmerman. 2,375,062; May 1.
Timing apparatus. M. E. Blvens. 2,390,981; Dec. 18.
Timing apparatus. W. P. Gallagher. 2,367,016; Jan. 9
Timing apparatus. T. B. Gibbs and M. E. Brown. 2,390,364; Dec. 4.
Timing box mechanism for machine tools. A. J. Fuller. 2,377,337; June 5.
Timing control means for internal combustion engines, Ignition. M. Mallory. 2,377,566; June 5.
Timing control system. C. J. Collom. 2,391,009; Dec. 18.
Timing device. S. J. Begun. 2,370,134; Feb. 27.
Timing device. W. O. Bennett, Jr. 2,372,757; Apr. 3.
Timing device. F. J. Hooven. 2,370,166; Feb. 27.
Timing device. M. H. Rhodes. 2,369,688; Feb. 20.
Timing device for power transmission systems. H. F. Vickers. 2,389,473; Nov. 20.
Timing device for power transmission systems. H. F. Vickers. 2,390,755; Dec. 11.
Timing device, Intermitter. W. R. King. 2,380,969; Aug. 7.
Timing mechanism. H. E. Somes. 2,387,097; Oct. 16.
Timing mechanism for magnetic recorders, Safety. M. Camras. 2,381,036; Aug. 7.
Timing modulated waves, Reception of. H. Tunick. 2,371,416; Mar. 13.
Timing modulation. G. L. Usselman. 2,379,201; June 26.
Timing relay. K. Mahnke. 2,381,300; Aug. 7.
Timing system for sorting apparatus, Electronic. C. E. Smith. 2,387,952; Oct. 30.
Tin-plate flowing apparatus. M. P. Vore. 2,381,323; Aug. 7.
Tin-plating of aluminum. E. V. Blackmun and M. P. Mikula. 2,377,606; June 5.
Tine. C. W. Kelsey. 2,366,625; Jan. 2.
Tine assembly. C. W. Kelsey. 2,366,624; Jan. 2.
Tint finish, Aqueous. V. L. Denny, Jr. 2,275,839; May 13.
Tip construction, Airfoil. M. Watter and G. W. Pancoe. 2,383,635; Aug. 28.
Tip for cigarettes and the like, Igniting. M. and B. M. Feldman. 2,371,287; Mar. 13.
Tippler, Wagon. G. W. Grossmith and H. F. H. Shields. 2,374,009; Apr. 17.
Tire. B. B. Levy. 2,391,579; Dec. 25.
Tire. F. R. Mays and R. R. Royal. 2,379,095; June 26.
Tire. F. R. Mays and R. R. Royal. 2,383,668; Aug. 28.
Tire. B. E. Mendelsohn. 2,375,127; May 1.
Tire alarm, Low-pressure. L. H. Rykken. 2,368,617; Feb. 6.
Tire and rim assembly, Pneumatic. W. S. Brink. 2,367,820; Jan. 23.
Tire and wheel provided therewith, Resilient. L. Campagnano. 2,369,016; Feb. 6.
Tire bead former. F. J. Shook. 2,382,672; Aug. 14.
Tire bead lock. W. S. Brink. 2,367,828; Jan. 23.
Tire buffing and rebuilding machine. P. O. Chambers. 2,366,685; Jan. 2.
Tire building apparatus. R. C. Bateman. 2,369,998; Feb. 20.
Tire building apparatus. H. D. Stevens. 2,381,379; Aug. 7.
Tire building apparatus (ply turndown). H. D. Stevens. 2,381,401; Aug. 7.
Tire building machine. F. S. Sternad, and J. P. Sapp. 2,373,354; Apr. 10.
Tire carrier. M. J. Falslev and S. Sims. 2,383,476; Aug. 28.
Tire-casing spreading and inspecting machine. R. G. Stoehr. 2,375,595; May 8.
Tire chain tool. N. C. Oddo. 2,374,616; Apr. 24.
Tire construction. T. J. Hoy. 2,375,992; May 15.
Tire construction. B. E. Mendelsohn. 2,391,841; Dec. 25.
Tire construction. H. M. Renner. 2,368,325; Jan. 30.
Tire construction, Resilient. J. C. Miller. 2,366,638; Jan. 2.
Tire, Cushion. C. A. Colgren. 2,378,130; June 12.
Tire for car wheels. E. Ovalle. 2,376,179; May 15.
Tire inflating device. G. E. Stevenson. 2,391,652; Dec. 25.
Tire manufacture. A. F. Larabee. 2,376,494; May 22.
Tire mold. T. P. Bacon. 2,372,644; Apr. 3.
Tire press. J. S. Plumeau and C. C. Ottoson. 2,373,975. Apr. 17.
Tire pressure alarm. A. M. Heath. 2,374,748; May 1.
Tire pressure gauge. A. Pascoo. 2,368,564; Jan. 30.
Tire repairing device. C. W. Macy. 2,373,769; Apr. 17.
Tire service rack. H. Selp. 2,370,496; Feb. 27.
Tire shield, Automobile. H. Spingler. 2,387,188; Oct. 16.
Tire testing apparatus. R. W. Allen. 2,367,838; Jan. 23.
Tire tool. B. W. Howard. 2,391,626; Dec. 25.
Tire tool. O. V. Teegarden. 2,378,955; June 26.
Tire tread. J. Rehner, Jr. 2,373,599; Apr. 10.
Tire valve. K. V. Baker. 2,378,384; June 19.
Tire valve. A. E. Dank. 2,370,451; Feb. 27.
Tire valve. G. Hoffmann. 2,371,891; Mar. 20.
Tire vulcanizing apparatus. T. P. Bacon, Jr. 2,380,380; July 31.
Tires, Manufacture of solid rubber. H. S. Church. 2,386,034; Oct. 2.
Tires, Manufacturing. F. Kovacs. 2,382,068; Aug. 14.
Tires, Preserving. P. Glasser. 2,370,790; Mar. 6.
Tires, Recapping vehicle. L. A. Stephens and I. W. Lederer. 2,382,269; Aug. 14.
Tires, Repairing. E. Hellier. 2,370,958; Mar. 6.
Titanium dioxide, Manufacture of. J. Heinen. 2,367,118; Jan. 9.
Titanium dioxide, Preparing. W. J. Cauwenberg and C. A. Tanner, Jr. 2,389,026; Nov. 13.
Titanium oxide pigments, Treating. R. M. McKinney. 2,378,148; June 12.
Titanium pigments, Production of improved. G. R. Seidel. 2,387,534; Oct. 23.
Titanium salt solutions, Controlling the metastability of hydrolyzable. R. Dahlstrom. 2,368,591; Jan. 30.
Titanium tetrachloride, Purification of. B. De Witt. 2,370,525; Feb. 27.
Toaster. I. Jepson. 2,368,026; Jan. 23.
Toaster. J. W. Myers. 2,388,641; Nov. 6.
Toaster. H. L. Newell. 2,367,044; Jan. 9.
Toaster apparatus. B. F. Parr. 2,389,927; Nov. 27.
Toaster, Automatic. N. B. Wales. 2,387,817; Oct. 30.
Toaster, Electric. B. G. Olving. 2,383,673; Aug. 28.
Toasting apparatus. R. I. Felver and B. F. Parr. 2,378,073; June 12.
Toasting apparatus. J. R. Hellman. 2,379,709; July 3.
Toasting apparatus, Automatic. M. L. Warner. 2,371,084; Mar. 6.
Toasting device. H. H. Buttner. 2,382,380; Aug. 14.
Toasting device. M. W. Humphreys. 2,387,586; Oct. 23.
Tobacco compositions. R. M. Goepp, Jr. 2,371,389; Mar. 13.
Tobacco, Conditioning. R. D. Tonton. 2,379,117; June 26.
Tobacco curing system. J. R. Henderson. 2,376,873; May 29.
Tobacco cutting mechanism. J. P. Durning. 2,378,133; June 12.
Tobacco feeding device. G. Zint. 2,389,398; Nov. 20.
Tobacco for cigar machines, Handling filler. R. E. Rundell. 2,378,953; June 26.
Tobacco pipe. G. R. Comptois. 2,391,548; Dec. 25.
Tobacco pipe. M. G. Hilpert. 2,383,968; Sept. 4.
Tobacco pipe. R. H. Reinhold and G. W. Fossieck. 2,388,338; Nov. 6.
Tobacco stick. L. C. and M. C. Mayers. 2,378,313; June 12.
Toboggan. N. Tufts. 2,367,157; Jan. 9.
Tocopherols, Preparation of. J. G. Baxter and C. D Robeson. 2,379,420; July 3.
Toe-lasting machine. B. Jorgensen. 2,367,282; Jan. 16.
Toggle lever press. A. Schneider and E. Ungethuem. 2,387,041; Oct. 16.
Toggle mechanism. H. Perret. 2,368,775; Feb. 6.
Toilet, Animal. E. J. Thompson. 2,390,854; Dec. 11.
Toilet deodorizer. H. W. Sanford, A. F. Sanford, II, and R. C. Prueitt. 2,371,923; Mar. 20.
Toilet paper roll holder. W. M. McClearen. 2,369,970; Feb. 20.
Toilet paper roll holder. V. F. Olson. 2,382,659; Aug. 14.
Toilet seat and cover hinge. H. D. Watson. 2,366,762; Jan. 9.
Toilet, Ventilated. A. P. Riedele. 2,389,165; Nov. 20.
Toiletry appliance. J. Germanotta. 2,375,643; May 8.
Token and receptacle for airway traffic control systems. O. S. Field and S. N. Wight. 2,376,846; May 22.

Toll ticketing system, Automatic. A. J. Busch. 2,370,712; Mar. 6.
Toluene and xylenes, Synthesis of. D. L. Fuller and B. S. Greensfelder. 2,378,210; June 12.
Toluene from hydrocarbon mixtures, Recovering. C. R. Clark. 2,385,610; Sept. 25.
Toluene, Producing. A. G. Oblad. 2,383,072; Aug. 21.
Toluene, Recovering. C. R. Clark. 2,388,040; Oct. 30.
Tone and volume control means. W. S. Bachman. 2,377,121; May 29.
Tone chamber. F. C. Carter. 2,368,639; Feb. 6.
Tone post for violins and similar musical instruments. J. B. Patmor. 2,370,460; Feb. 27.
Tong, Plate. L. Nelson. 2,384,636; Sept. 11.
Tongs. J. A. Gammel. 2,381,045; Aug. 7.
Tongs, Automatic ingot. J. H. Hopkins and E. H. Kendall. 2,382,227; Aug. 14.
Tongs, Barrel. R. W. Westfall. 2,377,845; June 5.
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Tool and forming same, Diamond dressing. R. G. Williams. 2,368,696; Feb. 6.
Tool and holder for turret lathes, screw machines, and the like. K. F. Surber. 2,366,810; Jan. 9.
Tool and making the same. L. J. St. Clair. 2,384,204; Sept. 4.
Tool apparatus. E. J. Hart. 2,375,358; May 8.
Toolbox. A. T. Randall. 2,386,573; Oct. 9.
Tool control, Machine. C. Johnson. 2,389,731; Nov. 27.
Tool driver. W. Muir. 2,391,438; Dec. 25.
Tool for aligning plates. F. R. Buckley. 2,376,957; May 29.
Tool for applying electrical and telephone tip terminals. L. Rosenthal. 2,369,180; Feb. 13.
Tool for applying tube sealing devices. A. H. Breslove. 2,385,055; Sept. 18.
Tool for bridging plugs, Setting. D. E. Batchelder. 2,382,770; Aug. 14.
Tool for elevator chains, Lifting. H. C. Medley. 2,377,258; May 29.
Tool for elevator chains, Lifting. H. S. Schneider. 2,377,270; May 29.
Tool for extrusion presses, Discard shearing. H. Lorant. 2,385,144; Sept. 18.
Tool for forming joints. E. E. Howe. 2,381,747; Aug. 7.
Tool for inserting insulating strips, Hand. F. S. Kundtz. 2,388,853; Nov. 13.
Tool for loosening tires. W. E. McCulloch. 2,367,638; Jan. 16.
Tool for making electrical connections. V. E. Carlson. 2,382,292; Aug. 14.
Tool for making strips from sheet material. S. E. King. 2,387,450; Oct. 23.
Tool for removing valve seats, bushings or the like. J. A. Anderson. 2,366,467; Jan. 2.
Tool for securing inserts in tapped holes. H. W. Cram and F. Eckener. 2,390,515; Dec. 11.
Tool for splitting wire or cable covering. W. I. Lindall. 2,368,227; Jan. 30.
Tool for straightening or bending, Automatic press. F. S. Saunders. 2,379,658; July 3.
Tool for stuffing pimiento and the like. M. S. Ball. 2,384,429; Sept. 11.
Tool for wells, Retrievable squeezing. W. W. Whatley, II. 2,379,558; July 3.
Tool for wire coverings, Cutting. O. E. Jones. 2,370,733; Mar. 6.
Tool-guiding apparatus. R. Chelborg and H. Pufahl. 2,373,541; Apr. 10.
Toolhead lock. W. L. Dysart and A. L. Adkins. 2,368,976; Feb. 6.
Toolhead, Multiple operation. G. F. Esson. 2,383,050; Aug. 21.
Tool head or the like. A. E. Schnable. 2,387,412; Oct. 23.
Tool head, Rotary. A. W. Klomp. 2,368,846; Feb. 6.
Toolholder. G. J. Braun. 2,371,377; Mar. 13.
Toolholder. L. B. Brown. 2,373,535; Apr. 10.
Toolholder. C. A. Cherry. 2,384,600; Sept. 11.
Toolholder. J. H. Drake. 2,391,142; Dec. 18.
Toolholder. A. Erickson. 2,373,301; Apr. 10.
Toolholder. V. E. Griffin. 2,386,851; Oct. 16.
Toolholder. J. Grigalauski. 2,375,916; May 15.
Toolholder. A. A. Mercer. 2,370,742; Mar. 6.
Tool holder. E. T. Pringle, Jr. 2,382,911; Aug. 14.
Toolholder. C. A. Rich. 2,377,519; June 5.
Toolholder, Adjustable. J. A. Anania. 2,375,882; May 15.
Toolholder and guard. J. Formosa. 2,366,249; Jan. 2.
Tool holder assembly. A. Kyle and J. A. Johnson. 2,389,858; Nov. 27.
Toolholder for boring machines and the like, Precision. W. Borek. 2,374,325; Apr. 24.
Toolholder for metal planers. L. P. Jarrell. 2,385,519; Sept. 25.
Toolholder for plate shearing machines. A. I. K. Sletengren. 2,374,625; Apr. 24.
Tool holder for radius cutting. W. W. Linyard. 2,377,561; June 5.
Toolholding attachment for lathes. J. A. Honegger. 2,378,923; June 26.
Tool mounting. E. Hijmans. 2,390,148; Dec. 4.
Tool perforating, Heated. M. R. Saslaw. 2,374,706; May 1.
Tool post hold-down, Shaper. F. Johnson. 2,388,547; Nov. 6.
Tool post, Universal lathe. A. F. Feaster. 2,374,477; Apr. 24.
Tool setting gauge. A. T. Hanes, Jr. 2,380,593; July 31.
Tool shank repair process and repair product. H. R. Matson. 2,376,931; May 29.
Toolslide mechanism. R. C. Gocht. 2,369,039; Feb. 6.
Tool steel. F. H. Clark and R. F. Dirkes. 2,369,211; Feb. 13.
Tool structure for two-way planing. G. E. Marx. 2,369,361; Feb. 13.
Tool support. G. S. Boyd. 2,388,522; Nov. 6.
Tool support. E. E. Crane. 2,389,296; Nov. 20.

Tool supporting rack. W. M. Davis. 2,371,433; Mar. 13.
Tool with pilot and holder, Counterboring. V. E. Smith. 2,372,028; Mar. 20.
Tools, Change-speed gearing for machine. A. H. Lloyd. 2,366,974; Jan. 9.
Tools, Lock device for well. R. C. Baker. 2,368,401; Jan. 30.
Tools, Making cutting. O. C. Martin. 2,370,409; Feb. 27.
Tools, Manufacture of diamond. I. A. Rohrig and N. A. Kerstein. 2,382,666; Aug. 14.
Tooth, Artificial. W. D. Raber. 2,370,488; Feb. 27.
Toothbrush. C. Kisky. 2,378,641; June 19.
Toothbrush, Fountain. A. A. Heideman. 2,370,626; Mar. 6.
Toothbrush, Fountain. L. E. Walker. 2,371,936; Mar. 20.
Toothbrush receptacle. C. R. Ross. 2,366,876; Jan. 9.
Toothbrush tufting machine. H. Cave, A. H. Fuller, and A. L. Le Febvre. 2,374,415; Apr. 24.
Tooth, Bulldozer. J. C. Murphy. 2,384,957; Sept. 18.
Tooth, Dipper. A. W. Daniels and J. P. Murtaugh. 2,369,285; Feb. 13.
Tooth, Excavating. J. Baer. 2,385,395; Sept. 25.
Tooth powder and paste dispenser. J. H. Page. 2,369,683; Nov. 27.
Tooth rest, Utility. A. A. Lebermann. 2,368,225; Jan. 30.
Toothed-gear coupling. K. B. Gillmore and R. H. Warde. 2,374,344; Apr. 24.
Top and support therefor, Desk. E. B. Morgan. 2,374,119; Apr. 17.
Top for automobiles, Collapsible. F. Humer. 2,382,635; Aug. 14.
Top for motor vehicles, Collapsible. A. Keller. 2,372,583; Mar. 27.
Top roll assembly. C. N. Benson. 2,367,088; Jan. 9.
Topping machine for canning. L. E. Davies. 2,367,387; Jan. 16.
Topping machine for canning. L. E. Davies. 2,370,292; Feb. 27.
Torch. W. J. Jacobsson and L. W. Young. 2,388,327; Nov. 6.
Torch. G. L. Walker. 2,372,305; Mar. 27.
Torch, Backfire. R. St. J. Orr. 2,376,976; May 29.
Torch, Cutting. D. A. Marra. 2,371,970; Mar. 20.
Torch cutting apparatus. S. W. Hayes. 2,371,048; Mar. 6.
Torch, Divergent-outlet cutting. J. K. Hamilton. 2,373,309; Apr. 10.
Torch, Flame hardening. F. E. Drummond. 2,378,001; June 12.
Torch for welding thermoplastic material. W. M. Phillips, Jr. 2,372,737; Apr. 3.
Torch holding and adjusting device. R. L. Pelland, Jr. 2,390,896; Dec. 11.
Torch, Inert gas blanketed arc welding. R. Meredith. 2,376,265; May 15.
Torch, Multiflame heating. H. G. Hughey. 2,384,920; Sept. 18.
Torch, Underwater. A. Barna. Re. 22,610; Mar. 6.
Torpedo. M. I. Hull. 2,382,058; Aug. 14.
Torpedo defense for ships. G. Provenzano. 2,387,090; Oct. 16.
Torpedo director. W. B. Klemperer and S. J. Goldberg. 2,384,036; Sept. 4.
Torpedo director. E. A. Sperry, Jr., and J. D. Peace, Jr. 2,391,356; Dec. 18.
Torpedo director. E. A. Sperry, Jr., and C. B. Roede. 2,391,357; Dec. 18.
Torpedo discharge means. H. Bradberry. 2,390,688; Dec. 11.
Torpedo launching gear. E. S. Dennison. 2,387,124; Oct. 16.
Torpedo launching mechanism. S. N. Barker, G. S. Selman, V. G. Bull, V. C. F. Marten-Gwilliam, R. Wark, and T. Thomson. 2,390,635; Dec. 11.
Torpedo, Marine. F. J. Wires. 2,382,593; Aug. 14.
Torpedo, Oil discharging. F. M. Rabuse. 2,377,181; May 29.
Torpedo setter, Railroad. L. T. Kirk. 2,387,915; Oct. 30.
Torque applying device. L. J. Collins. 2,371,607; Mar. 20.
Torque converter. E. A. Stalker. 2,389,826; Nov. 27.
Torque converter. E. E. Wemp. 2,368,279; Jan. 30.
Torque converter, Hydraulic. M. C. Long. 2,371,337; Mar. 13.
Torque converter, Hydro-kinetic. M. Katcher. 2,388,418; Nov. 6.
Torque link. D. Z. Erle. 2,371,132; Mar. 13.
Torque thumbscrew. W. L. Coop. 2,373,812; Apr. 17.
Torque transmission. A. Y. Dodge. 2,371,228–9; Mar. 13.
Torque transmission arrangement, Hydraulic. J. H. Doran. 2,374,588; Apr. 24.
Torque tube support. R. W. Brown. 2,381,399; Aug. 7.
Torque wrench. K. R. Larson and G. M. Walraven. 2,367,224; Jan. 16.
Torque wrench. F. W. Livermont. 2,371,901; Mar. 20.
Torques on shafting, Imposing harmonic. G. H. Forsyth. 2,371,984; Mar. 20.
Torsional joint. H. M. Dodge. 2,379,508; July 3.
Totalizing liquid level indicator. J. R. Macintyre. 2,388,559; Nov. 6.
Tourniquet. N. W. Brothers. 2,387,428; Oct. 23.
Tow bar. T. E. Warner. 2,370,926; Mar. 6.
Tow bow and arrow. A. M. Drits. 2,370,783; Mar. 6.
Tow control for gliders. W. L. Effinger, Jr. 2,373,236; Apr. 10.
Tow glider position indicator. B. G. Carlson. 2,386,884; Oct. 16.
Tow target releasing device. Le R. Jessen. 2,390,538; Dec. 11.
Towing cables and the like, Cutting off. S. G. A. Mandin. 2,389,376; Nov. 20.
Towing device. D. G. Roos. 2,378,504; June 19.
Towel cabinet. E. H. Cooper. 2,367,200; Jan. 16.
Towel dispenser. L. L. Price and M. E. Maltby. 2,369,851; Feb. 20.
Towel dispensing apparatus. F. F. Pulver and W. H. Matthews. 2,378,789; June 19.
Towel rack. J. A. Peterson and J. E. Bruce. 2,388,663; Nov. 6.
Towel rack. G. W. Spiegel and R. H. Morris. 2,374,787; May 1.
Tower. D. Ording and L. S. Vallely. 2,374,889; May 1.
Tower or mast. H. Cohen. 2,369,533–4; Feb. 13.
Tower or mast construction. H. Cohen. 2,387,120; Oct. 16.
Tower, Vehicle mounted. H. A. and G. H. Wagner. 2,385,748; Sept. 25.
Toxicants, Insecticidal. G. H. Coleman, W. D. Schroeder, and G. A. Griess. 2,384,812; Sept. 18.
Toxin for administration by mouth, Preparations of scarlet fever. G. F. Dick, G. H. Dick, and J. E. Wood. 2,369,218; Feb. 13.
Toy. W. A. Ayres. 2,383,232; Aug. 21.
Toy. L. E. Elliott. 2,382,982; Aug. 21.
Toy. J. Greene. 2,383,305; Aug. 21.
Toy. N. F. Grusenmeyer. 2,381,536–7; Aug. 7.
Toy. K. E. Haselton. 2,380,174; July 10.
Toy. M. Herrmann. 2,386,853; Oct. 16.
Toy. E. A. Hornberger. 2,373,957; Apr. 17.
Toy. S. L. Long. 2,376,261; May 15.
Toy. R. C. Olson. 2,385,724; Sept. 25.
Toy. A. Pitar. 2,372,680; Apr. 3.
Toy. M. Rapaport. 2,377,104; May 29.
Toy. A. Raspet. 2,391,797; Dec. 25.
Toy. K. W. Taplin. 2,373,205; Apr. 10.
Toy. E. Valenti. 2,382,186; Aug. 14.
Toy. R. T. Walker. 2,391,529; Dec. 25.
Toy. F. J. Wodltsch. 2,389,833; Nov. 27.
Toy, Aerial. E. L. Zwickel. 2,388,513; Nov. 6.
Toy airplane. B. H. Platt. 2,384,193; Sept. 4.
Toy, Animal. H. W. Beaver. 2,382,537; Aug. 14.
Toy animal, automobile, and the like propelled by the rider. H. Sebel. 2,379,192; June 26.
Toy, Animated. D. E. Gumb. 2,382,630; Aug. 14.
Toy, Balancing. K. W. Johnson. 2,389,365; Nov. 20.
Toy, Ball-operated. O. F. Larsen, Jr. 2,390,442; Dec. 4.
Toy, Bandalore. P. Gavrilee. 2,380,301; July 10.
Toy bank. J. A. Munroe. 2,372,388; Mar. 27.
Toy blocks and container. L. A. Hayes. 2,386,114; Oct. 2.
Toy boat construction. W. L. Ripley. 2,388,340; Nov. 6.
Toy bomb. F. Schloss. 2,390,002; Nov. 27.
Toy bombing game. H. M. Hanna. 2,384,166; Sept. 4.
Toy bulldozer. H. A. Biby. 2,385,965; Oct. 2.
Toy card. H. N. Pedersen. 2,377,572; June 5.
Toy, Constructional. W. C. Belle. 2,383,441; Aug. 28.
Toy, Cradle rocking. J. J. Marshall. 2,385,872; Oct. 2.
Toy crane and self unloading car. R. G. Smith. 2,373,271; Apr. 10.
Toy, Dancing. C. W. Clark. 2,368,805; Feb. 6.
Toy, Educational. P. S. Cardoza. 2,384,280; Sept. 4.
Toy, Educational. V. G. Elsel. 2,385,197; Sept. 18.
Toy electric rolling stock, Current collector for. R. G. Smith. 2,389,280; Nov. 20.
Toy excavator. E. C. Streater. 2,382,346; Aug. 14.
Toy figure. H. Davis. 2,377,616; June 5.
Toy, Figure. G. A. Fullerton. 2,373,556; Apr. 10.
Toy figure. J. L. Kallus. 2,373,963; Apr. 17.
Toy, Figure. W. F. Rau. 2,379,376; June 26.
Toy, Figured wheeled. F. Townsley. 2,389,568; Nov. 20.
Toy firearms. E. O. Blanchette. 2,390,349; Dec. 4.
Toy grenade. H. F. Jackman. 2,367,027; Jan. 9.
Toy gun. W. B. Ford. 2,390,247; Dec. 4.
Toy gun. C. H. Kuhn. 2,386,479; Oct. 9.
Toy gun. R. W. Marshall. 2,383,939; Sept. 4.
Toy gun. T. R. Mendles. 2,371,059; Mar. 6.
Toy helicopter. E. C. Streater. 2,382,347; Aug. 14.
Toy horse. N. F. Atherton. 2,388,110; Oct. 30.
Toy machine gun. W. Majewski. 2,371,249; Mar. 13.
Toy, Mechanical. H. J. Criner. 2,387,565; Oct. 23.
Toy, Mechanical. G. M. Hess. 2,388,483; Nov. 6.
Toy oil-pumping rig. G. W. Eichelberger, Jr. 2,382,782; Aug. 14.
Toy pistol. M. Cohen. 2,376,662; May 22.
Toy pistol. J. H. Wright. 2,375,879; May 15.
Toy projectile-shooting gun. A. N. Smith and D. V. Godfrey. 2,382,514; Aug. 14.
Toy, Pseudo-tracked vehicular. O. F. Larsen, Jr. 2,384,687; Sept. 11.
Toy, Pull. J. T. Generale. 2,385,914; Oct. 2.
Toy, Pull. H. Gold and R. Paul. 2,380,748; July 31.
Toy rocket chute. W. E. Dodds. 2,380,223; July 10.
Toy rocket projecting gun. R. L. Wulfert. 2,375,607; May 8.
Toy, Sounding. K. W. Taplin. 2,380,273; July 10.
Toy, Steerable. I. L. Yarbrough. 2,386,745; Oct. 9.
Toy structure. C. J. McCoy. 2,375,425; May 8.
Toy submachine gun. W. J. Kelley. 2,376,921; May 29.

Toy tank. G. S. Lawrence. 2,388,638; Nov. 6.
Toy telephone, Candy containing. J. H. Millstein. 2,379,981; July 10.
Toy theater stage. L. Wise. 2,368,188; Jan. 30.
Toy track layout. H. J. Ferri. 2,366,848; Jan. 9.
Toy, Trundle. P. A. Fuld. 2,387,507; Oct. 23.
Toy vehicle. W. N. Wheeler. 2,373,986; Apr. 17.
Toy wagons and steering the same. M. S. Anderson. 2,388,629; Nov. 6.
Toy, Wheeled figure. C. S. Olson. 2,382,091; Aug. 14.
Tracer control for machine tools. P. Volk. 2,378,601; June 19.
Tracer controlled mechanism. C. K. Salisbury. 2,373,265; Apr. 10.
Tracer, Hydraulic. O. E. Rosen. 2,379,037; June 26.
Tracer mechanism. M. Turchan and C. Walker. 2,386,825; Oct. 16.
Tracer mechanism, hydraulic connections and directional control, Profiling and contouring. M. Turchan and C. Walker. 2,390,566; Dec. 11.
Track and assorter, Assembly. N. V. Kuehlman. 2,378,711; June 19.
Track and assorter, Bolt. N. V. Kuehlman. 2,385,141; Sept. 18.
Track block. A. S. Krotz. 2,366,450; Jan. 2.
Track circuit apparatus, Railway. D. W. Dower and A. W. Clark. 2,370,620; Mar. 6.
Track circuit signaling system, Coded. N. D. Preston. 2,371,263–4; Mar. 13.
Track circuits for railroads, Coded. N. B. Coley. 2,381,722; Aug. 7.
Track, Control. N. Levinson. 2,367,294; Jan. 16.
Track, Flexible. E. C. Myers. 2,378,427; June 19.
Track for crawler type vehicles, Separable. R. Mayne. 2,387,802; Oct. 30.
Track for toy vehicles. W. Minner. 2,383,940; Sept. 4.
Track for track-laying vehicles. R. S. Garber. 2,387,387; Oct. 23.
Track for vehicles, Endless. P. H. Johnson. 2,370,667; Mar. 6.
Track maintenance tool. J. G. Schaeufele. 2,382,447; Aug. 14.
Track, Open-center snow. W. H. Hansen. 2,385,758; Sept. 25.
Track, Race. V. J. Schmidt. 2,387,859; Oct. 30.
Track, Self-laying. C. W. Leguillon. 2,385,453; Sept. 25.
Trackway system for train control. M. T. Wintsch. 2,371,568; Mar. 13.
Traction device. L. R. Bergren. 2,367,089; Jan. 9.
Traction tread mechanism for vehicles, Endless. M. W. Morse. 2,376,602; May 22.
Traction unit. W. E. Wine. 2,383,282; Aug. 21.
Traction wheel. N. H. Nelson. 2,382,090; Aug. 14.
Tractional refuse or like can. S. M. Aitelli. 2,366,229; Jan. 2.
Tractor. O. Bernhard. 2,375,184; May 8.
Tractor. T. Brown. 2,378,615; June 19.
Tractor and lift trailer combination. M. Walter. 2,376,296; May 15.
Tractor and trailer construction. E. S. Hoobler. 2,373,398; Apr. 10.
Tractor conveyer. E. H. Spiegl. 2,374,903; May 1.
Tractor for agricultural implements. H. G. Ferguson. Re. 22,642; May 15.
Tractor implement. C. W. Mott. 2,375,026; May 1.
Tractor implement. S. D. Pool and E. L. Faust. 2,371,842; Mar. 20.
Tractor-mounted implement. C. W. Mott. 2,375,025; May 1.
Tractor-mounted implement. J. R. Orelind. 2,371,839; Mar. 20.
Tractor operated disk harrow. H. R. McVicar. 2,376,609; May 22.
Tractor plow construction. J. T. Hopkins. 2,369,353; Feb. 13.
Tractor plow hitch. G. W. Todd. 2,372,459; Mar. 27.
Tractor propelled implement. G. W. Mork. 2,372,220; Mar. 27.
Tractor stabilizer. M. E. Weigand. 2,391,372; Dec. 18.
Tractor, Steerable front wheel drive. E. W. Cole. 2,376,419; May 22.
Tractor trailer assembly. S. B. Winn. 2,367,550; Jan. 16.
Traffic and other marker. J. D. French. 2,366,715; Jan. 9.
Traffic control system. C. C. MacAllister. 2,369,588; Feb. 13.
Traffic control system, Coded centralized. H. C. Sibley, Jr. 2,378,332; June 12.
Traffic controlling apparatus, Railway. E. M. Allen. 2,369,113; Feb. 13.
Traffic controlling system for railroads, Centralized. W. D. Hailes and F. W. Brixner. 2,368,826; Feb. 6.
Traffic controlling system for railroads, Centralized. T. J. Judge. 2,383,803; Aug. 28.
Traffic light. A. E. H. Modern and J. E. Burke. 2,390,610; Dec. 11.
Traffic observing apparatus. T. L. Dimond. 2,378,541; June 19.
Traffic signal. W. B. Terry. 2,387,953; Oct. 30.
Traffic signal light. W. E. Jones. 2,390,592; Dec. 11.
Trailer. K. Ballinger. 2,375,754; May 15.
Trailer. R. Barries. 2,384,591; Sept. 11.
Trailer. W. H. Farr. 2,387,504; Oct. 23.
Trailer. I. E. McGehee. 2,368,936; Feb. 6.
Trailer. F. Neal. 2,370,988; Mar. 6.
Trailer. C. F. Wait. 2,384,659; Sept. 11.
Trailer, Boat. H. S. Sackett. 2,388,870; Nov. 13.
Trailer, Boat launching. F. J. Zorc, Jr. 2,389,338; Nov. 20.
Trailer body for trucks, Combination. R. D. George. 2,369,890; Feb. 20.
Trailer, Combination. R. R. Sampsell. 2,374,383; Apr. 24.
Trailer connection. W. J. Tiner and D. G. Phillips. 2,381,190; Aug. 7.
Trailer coupling mechanism. J. P. K. Fontaine and N. M. Norman. 2,372,943; Apr. 3.
Trailer coupling pin. L. E. Kelley. 2,367,874; Jan. 23.
Trailer hitch. J. P. Heit. 2,372,271; Mar. 27.
Trailer house, Collapsible. B. Hope-Johnson, Jr. 2,380,045; July 10.
Trailer jack. A. H. Bicker. 2,372,705; Apr. 3.
Trailer, Low bed. R. W. Pointer. 2,389,211; Nov. 20.
Trailer suspension. M. D. Sullivan. 2,380,988; Oct. 16.
Trailer tongue construction. W. E. Martin. 2,383,666; Aug. 28.
Trailer toy. J. Gerlache. 2,370,532; Feb. 27.
Trailer vehicle. C. Runyan. 2,383,216; Aug. 21.
Trailway construction, Haulaway. C. C. Stuart. 2,385,115; Sept. 18.
Train booster. J. E. Tavelin. 2,391,657; Dec. 25.
Train order delivering device. A. J. Pieszak and E. M. Mulcahy. 2,377,264; May 29.
Train order holder. V. H. Campbell. 2,377,312; June 5.
Trainer, Director. R. C. Darnell. 2,387,749; Oct. 30.
Trainer, Synthetic flying. H. T. Jeandron. 2,373,313; Apr. 10.
Training apparatus. H. S. Knowles. 2,375,004; May 1.
Training device. E. A. Link. 2,385,291; Sept. 18.
Training device comprising a dummy gun. Z. De Lubicz-Bakanowski and R. Suk. 2,378,840; June 19.
Training equipment for airplane pilots. T. C. Barber. 2,373,653; Apr. 17.
Transcribing apparatus. H. L. Tholstrup. 2,378,371; June 12.
Transducer. L. Fleming. 2,373,181; Apr. 10.
Transducer. A. S. Howell. 2,391,627; Dec. 25.
Transducer, Electroacoustic. E. Burkhardt. 2,368,609; Jan. 30.
Transducer, Electroacoustic. W. R. Harry. 2,387,845; Oct. 30.
Transducer, Piezoelectric. J. P. Arndt, Jr. 2,388,242; Nov. 6.
Transfer apparatus. S. C. Plummer. 2,373,413; Apr. 10.
Transfer means for fibrous material. L. M. Ballamy and R. H. Sheepshanks. 2,377,123; May 29.
Transfer mechanism. F. D. Cornell and E. Jacobsen. 2,390,924; Dec. 11.
Transfer mechanism. H. T. Hallowell, Jr. 2,380,306; July 10.
Transfer mechanism, Artificial. J. Belada and W. B. Hullhorst. 2,377,294; May 29.
Transfer mechanism for calculating machines. R. S. Nilsson. 2,369,974; Feb. 20.
Transfer mechanism for can parts. W. P. Winters. 2,383,528; Aug. 28.
Transfer mechanism for cigar machines. H. H. Wheeler. 2,367,913; Jan. 23.
Transferring catalysts. V. Voorhees. 2,366,372; Jan. 2.
Transformer. C. P. Boucher. 2,371,576; Mar. 13.
Transformer. S. H. M. Dodington. 2,383,475; Aug. 28.
Transformer. C. H. Dunton. 2,388,473; Nov. 6.
Transformer. C. J. Madsen. 2,390,800; Dec. 11.
Transformer. C. E. Seifert. 2,378,884; June 19.
Transformer core, Three-phase. L. W. Chubb. 2,367,927; Jan. 23.
Transformer, High-frequency. C. T. McCoy. 2,375,309; May 8.
Transformer, High-frequency power. W. C. Rudd. 2,366,290; Jan. 2.
Transformer structure, Shielding. A. I. Keto. 2,370,045; Feb. 20.
Transforming substantially non-form-retaining masses into solid cakes or bars, Method and apparatus for. F. F. Pease. 2,373,593; Apr. 10.
Transidithiocyanoethylene as a fungicide. K. G. Nolan. 2,390,037; Nov. 27.
Transition control system. R. M. Dilworth and T. O. Lilliquist. 2,388,782; Nov. 13.
Translating apparatus, Electric valve. O. W. Livingston. 2,384,937; Sept. 18.
Translating device. B. B. Bauer. 2,381,861; Aug. 14.
Translating device, Sound. H. Eckardt. 2,379,891; July 10.
Translucent screen. B. M. Bodde. 2,368,099; Jan. 30.
Transmission. H. W. Adams and W. B. Klemperer. 2,377,199; May 29.
Transmission. O. H. Banker. 2,384,448; Sept. 11.
Transmission. O. K. Butzbach. 2,377,206; May 29.
Transmission. H. E. Carnagua and K. K. Stough. 2,384,439; Sept. 11.
Transmission. C. J. Conkle. 2,380,927; Aug. 7.
Transmission. A. Y. Dodge. 2,372,817; Apr. 3.
Transmission. A. Y. Dodge. 2,389,186; Nov. 20.
Transmission. H. C. Hill, H. D. Jackes, and F. M. Kincaid, Jr. 2,368,835; Feb. 6.
Transmission. L. Jacobi. 2,391,783; Dec. 25.

Transmission. J. Jandasek. 2,376,699; May 22.
Transmission. J. Jandasek. 2,377,555; June 5.
Transmission. J. Jandasek. 2,378,085; June 12.
Transmission. J. Jandasek. 2,388,849; Nov. 13.
Transmission. V. Kinser. 2,383,974; Sept. 4.
Transmission. R. Lapeley. 2,368,148; Jan. 30.
Transmission. W. T. Livermore. 2,376,545; May 22.
Transmission. R. M. Nardone. 2,374,829; May 1.
Transmission. P. Orr. 2,372,733–4; Apr. 3.
Transmission. P. Orr. 2,375,031; May 1.
Transmission. P. Orr. 2,375,816; May 15.
Transmission. W. L. Pollard. 2,368,873; Feb. 6.
Transmission. E. E. Wemp. 2,371,564. Mar. 13.
Transmission and control mechanism, Machine tool. J. B. Armitage. 2,382,934; Aug. 14.
Transmission and control mechanism, Machine tool power. J. B. Armitage and T. F. Eserkaln. 2,385,907; Oct. 2.
Transmission arrangement, Hydraulic torque. J. H. Doran. 2,370,526; Feb. 27.
Transmission, Automatic. C. R. Roche. 2,375,440; May 8.
Transmission, Automatic. T. B. Tyler. 2,381,786; Aug. 7.
Transmission, Automatic power. D. Heyer. 2,377,009; May 29.
Transmission cable. C. A. Arens. 2,382,966; Aug. 21.
Transmission cable. C. A. Arens. 2,388,241; Nov. 6.
Transmission, Change-speed. G. T. Randol. 2,383,615; Aug. 28.
Transmission control. P. Orr. 2,368,868; Feb. 6.
Transmission control. W. B. Osborne. 2,374,303; Apr. 24.
Transmission control. J. M. Simpson. 2,368,684; Feb. 6.
Transmission control. S. O. White. 2,388,455; Nov. 6.
Transmission control in two-way signaling system. K. G. Van Wynen. 2,379,768; July 3.
Transmission control means, Change-speed. G. T. Randol. 2,386,174; Oct. 2.
Transmission control mechanism. G. T. Randol. 2,388,763; Nov. 13.
Transmission device. J. J. Dugas. 2,389,490; Nov. 20.
Transmission device. L. Robin and M. Van Roggen. 2,372,226; Mar. 27.
Transmission device for machine tools. E. R. Irstad. 2,371,330; Mar. 13.
Transmission device, Power. M. Ingwer and W. W. Schwarz. 2,387,910; Oct. 30.
Transmission drive. O. K. Kelley. 2,377,696; June 5.
Transmission, Electrical energy. H. J. Tyzzer. 2,376,101; May 15.
Transmission, Fluid flywheel. C. R. Roche. 2,380,074; July 10.
Transmission for aircraft, Change-speed. O. H. Banker. 2,370,131; Feb. 27.
Transmission for machine tools, Hydraulic. I. J. Snader and M. A. Mathys. 2,375,255; May 8.
Transmission for vehicles. F. D. Campbell. 2,377,400; June 5.
Transmission gearing. S. W. Thompson. 2,390,228; Dec. 4.
Transmission, Hydraulic. P. A. Deardorff and C. A. Balton. 2,370,640; Mar. 6.
Transmission, Hydraulic. W. R. Tucker. 2,384,218; Sept. 4.
Transmission, Hydraulic planetary. W. L. Pollard. 2,375,035; June 12.
Transmission, Hydraulic variable speed power. A. Lysholm. 2,383,981; Sept. 4.
Transmission, Hydrodynamic. L. E. La Brie. 2,373,122; Apr. 10.
Transmission, Irreversible. C. F. Hammond. 2,371,442; Mar. 13.
Transmission line. G. L. Tawney. 2,387,783; Oct. 30.
Transmission line coupling system. R. W. Clark. 2,373,458; Apr. 10.
Transmission line termination, Concentric. H. B. Fancher. 2,382,217; Aug. 14.
Transmission lines, High-frequency. M. M. Safford. 2,379,318; June 26.
Transmission, Liquid clutch. F. Nallinger and A. Berger. 2,385,834; Oct. 2.
Transmission measuring system, Telegraph. S. W. Beyland. 2,376,225; May 15.
Transmission mechanism. C. W. Cherry and A. S. Mullgardt. 2,383,107; Aug. 21.
Transmission mechanism. A. T. Nabstedt. 2,370,484; Feb. 27.
Transmission mechanism for reciprocating engines. J. E. Broyles. 2,375,748; May 15.
Transmission mechanism for turning stitching sewing machines, Loop-taker. A. N. Hale. 2,391,155; Dec. 18.
Transmission mechanism of the V-pulley type. G. J. Abbott. 2,378,375; June 19.
Transmission mechanism, Variable speed. C. D. Buck. 2,381,805; Aug. 7.
Transmission mounting. S. M. Friedman. 2,369,292; Feb. 13.
Transmission operating mechanism. E. R. Price. 2,373,259; Apr. 10.
Transmission, Planetary. W. B. Barnes. 2,388,204; Oct. 30.
Transmission, Power. H. W. Glifillan. 2,375,781–3; May 15.
Transmission, Power. T. Iavelli and W. T. Dunn. 2,375,790; May 15.
Transmission, Synchromesh. O. W. Schots. 2,376,512; May 22.
Transmission system. H. S. Black. 2,387,712; Oct. 30.
Transmission system. G. M. Giannini. 2,375,000; May 1.
Transmission system. R. H. Herrick. 2,369,460; Feb. 13.
Transmission system. R. H. Herrick. 2,371,291; Mar. 13.
Transmission system. J. G. Mejean and R. H. Amand. 2,366,637; Jan. 2.
Transmission system, Electric power. S. B. Crary. 2,378,752; June 19.
Transmission system, Hydraulic. A. H. Hopmans. 2,385,625; Sept. 25.
Transmission system, Intelligence. G. L. Fredendall. 2,391,776; Dec. 25.
Transmission system, Multichannel carrier. B. C. Taylor. 2,374,567; Apr. 24.
Transmission system, Pulse. C. W. Hansell. 2,381,445; Aug. 7.
Transmission system, Signal. A. V. Loughren. 2,388,001; Oct. 30.
Transmission system, Signal wave. L. G. Abraham. 2,379,055; June 26.
Transmission system, Telegraph. L. M. Potts. 2,367,427; Jan. 16.
Transmission system, Two-way carrier wave signal. L. K. Swart. 2,386,515; Oct. 9.
Transmission unit testing machine. J. Lund. 2,388,425; Nov. 6.
Transmission, Variable. E. W. Speck. 2,377,385; June 5.
Transmission, Variable speed power. K. W. Couse. 2,388,955; Nov. 13.
Transmission, Variable speed power. A. Lysholm. 2,383,980; Sept. 4.
Transmissions for driving calculating machine actuators, Selective ratio. H. T. Avery. 2,377,065; May 29.
Transmitter. L. V. Merrill. 2,386,705; Oct. 9.
Transmitter. M. W. Muehter. 2,375,238; May 8.
Transmitter, Amplifying. W. P. Carstarphen. 2,386,657; Oct. 9.
Transmitter, Automatic. L. M. Potts. 2,372,515; Mar. 27.
Transmitter, Call. H. W. Goff. 2,372,268; Mar. 27.
Transmitter, Call. L. A. Meacham. 2,386,133; Oct. 2.
Transmitter, Call. J. O. Shepherd. 2,375,179; May 1.
Transmitter, Electric power. G. Abel. 2,383,103; Aug. 21.
Transmitter, Fluid power. L. E. La Brie. 2,389,441; Nov. 20.
Transmitter, Impulse. F. A. Hubbard. 2,388,358; Nov. 6.
Transmitter, Impulse. H. J. Oyler. 2,382,501; Aug. 14.
Transmitter, Radio. E. Green and N. H. Clough. 2,376,480; May 22.
Transmitter, Radio-frequency. J. N. Whitaker. 2,388,233; Oct. 30.
Transmitter, Selecting impulse. L. M. Potts. 2,384,558; Sept. 11.
Transmitter, Telephone call. T. L. Dowey. 2,374,082; Apr. 17.
Transmitter, Telephone call. T. L. Dowey. 2,388,313; Nov. 6.
Transmitter, Telephone call. T. L. Dowey. 2,389,247; Nov. 20.
Transmitter, Telephone call. F. A. Hubbard. 2,375,109; May 1.
Transmitting information. C. H. Kean. 2,372,582; Mar. 27.
Transmitting mechanism, Torque. H. T. Kraft. 2,386,478; Oct. 9.
Transmitting system. L. S. Rose. 2,375,587; May 8.
Transmitting system. D. Silverman. 2,379,996; July 10.
Transmitting system, Television. A. N. Goldsmith. 2,381,901–2; Aug. 14.
Transmitting unit, Power. P. V. Whitworth. 2,389,174; Nov. 20.
Transparent bodies with items embedded therein, Manufacturing. R. E. Esmigenburg. 2,379,793; July 3.
Transparent canopy mounting. A. M. McConnell and W. E. Braham. 2,367,035; Jan. 9.
Transparent closure mounting. J. G. Shonts and J. B. Pray. 2,379,194; June 26.
Transparent mixture. T. Cordero. 2,382,398; Aug. 14.
Transport vehicle. C. C. Stuart. 2,391,363; Dec. 18.
Transport vehicle. J. A. Watson, Jr. 2,380,562; July 31.
Transportable gun mount. M. Walter. 2,382,636; Aug. 14.
Transportation load and preparing the same. D. F. Hedges. 2,387,902; Oct. 30.
Transportation methods. F. Alabrune. 2,373,086; Apr. 10.
Transporting and dumping equipment. G. R. Dempster. 2,369,722; Feb. 20.
Transporting and dumping equipment. G. R. Dempster. 2,387,500; Oct. 23.
Transporting men and/or material. K. W. Couse, J. E. Young, and R. M. Sutphen. 2,368,288; Jan. 30.
Trap: *See*—
Animal trap. Rodent trap.
Equalising return trap. Safety ball trap.
Grease trap. Sand trap.
Insect trap. Steam trap.
Liquid trap. Waste pipe trap.
Trap. E. F. Andrews. 2,374,522; Apr. 24.
Trap. W. A. Barrows. 2,370,516; Feb. 27.
Trap. W. H. Moore. 2,385,875; Oct. 2.

Trap. V. L. Nemec. 2,391,640; Dec. 25.
Trap. R. Smith. 2,387,811; Oct. 30.
Trap. E. H. Tomey. 2,380,127; July 10.
Trap nest. C. G. Hayes. 2,368,358; Jan. 30.
Trap stand. W. F. Hartman. 2,388,539; Nov. 6.
Trapper's tool. G. M. Coffin. 2,382,774; Aug. 14.
Trash and garbage receptacle. K. L. Brown. 2,386,929; Oct. 16.
Trash burner. F. R. Boedecker. 2,387,005; Oct. 16.
Travel control actuating apparatus. E. A. Rockwell. 2,372,014; Mar. 20.
Traveler. P. C. Wentworth. 2,390,018; Nov. 27.
Traveling case. H. Lathrop. 2,389,788; Nov. 27.
Travelling work support. H. H. Harris. 2,379,960; July 10.
Traverse rod. J. N. Graber. 2,369,227; Feb. 13.
Traversing means for high speed winding. E. Fletcher. 2,377,771; June 5.
Tray. L. Farkas. 2,369,728; Feb. 20.
Tray and cooking rack, Combined oven. H. D. Wall and P. B. Wall. 2,376,640; May 22.
Tray, Ash. J. A. Porter. 2,391,190; Dec. 18.
Tray, Dehydration. A. R. Leyerle. 2,381,608; Aug. 7.
Tray follower construction, Card. K. H. Miller. 2,389,923; Nov. 27.
Tray for vehicles and the like, Ash. H. D. Penney and C. E. Whiteman. 2,377,713; June 5.
Tray former for wrapping machines. O. Sandberg. 2,378,796; June 19.
Tray, Freezing. H. D. Geyer. 2,372,483; Mar. 27.
Tray, Ice. C. R. Carney. 2,369,532; Feb. 13.
Tray, Ice. A. E. Cole. 2,367,098; Jan. 9.
Tray, Ice. D. M. Gibson. 2,367,573; Jan. 16.
Tray, Soap saver. R. A. Endebrock. 2,390,674; Dec. 11.
Tray supporting table. G. L. Cherry and C. C. Veale. 2,371,675; Mar. 20.
Tray with drainage top, Freezing. L. L. Mallard. 2,373,251; Apr. 10.
Tread for track shoes, Reinforced rubber. A. E. Benson. 2,369,130; Feb. 13.
Tread, Tank. C. L. Eksergian and R. B. Temple. 2,389,722; Nov. 27.
Treating and blending heating oils. A. Q. Cato, G. Wash, and J. J. Shmidl. 2,380,294; July 10.
Treating apparatus. N. Ransohoff. 2,377,964; June 12.
Treating citrus fruit. H. E. Greenlaw. 2,369,891; Feb. 20.
Treating fats and fatty oils. E. W. Eckey. 2,378,005–6; June 12.
Treating sewage. R. G. Tyler. 2,379,554; July 3.
Treating tank. R. S. Webster and P. C. Will. 2,386,415; Oct. 9.
Treating the rock, aplite. R. F. Brenner. 2,368,194; Jan. 30.
Treating the rock, aplite. R. F. Brenner. 2,387,561; Oct. 23.
Treating tungstate solutions. B. Burwell. 2,388,306; Nov. 6.
Treating wire for belt manufacture. E. L. Luaces and M. A. Crosby. 2,382,081; Aug. 14.
Treatment apparatus. A. Burton. 2,385,683; Sept. 25.
Treatment of cashew nut shell liquid and the resulting product. R. E. Kremers. 2,380,319; July 10.
Treatment of certain sodium-sulphur compounds to produce certain soluble non-sulphur compounds of sodium. D. Gardner. 2,383,247; Aug. 21.
Treatment of fresh fruits and vegetables in preparation for market. C. De W. Cothran. 2,383,451; Aug. 28.
Treatment of materials. C. H. Giles and D. G. Wilkinson. 2,369,122; Feb. 13.
Treatment of materials, Waterproofing. F. J. Norton. 2,386,259; Oct. 9.
Treatment of paper machine waste water. G. A. McBride. 2,380,252; July 10.
Treatment of pigment comprising calcium carbonate. H. R. Rafton. 2,383,509; Aug. 28.
Treatment of timber or similar material, Process and device for fuel-cell. B. O. Hager and S. B. Kjellstrom. 2,384,027; Sept. 4.
Treatment of water. M. J. Shoemaker. 2,368,574; Jan. 30.
Treatment of wells. A. D. Garrison. 2,379,516; July 3.
Tree, Boot and shoe holding. C. G. Hilton. 2,385,272; Sept. 18.
Tree faller and undercutter. J. T. Paulson. 2,376,270; May 15.
Tree grafting gauge. L. Lovisone. 2,371,454; Mar. 13.
Tree scraper. J. E. Strickland. 2,384,976; Sept. 18.
Tree spraying apparatus. F. M. Moon and W. L. McClellan. 2,367,135; Jan. 9.
Tree-type display rack. H. C. Robinson and T. F. Challis. 2,381,619; Aug. 7.
Triangle, Adjustable. I. Levin. 2,391,466; Dec. 25.
Triangle, Draftsman's. V. Caruso. 2,368,344; Jan. 30.
Triazine condensation products and making same. O. Albrecht, C. Graenacher, and R. Sallmann. 2,374,259; Apr. 24.
Triazole derivatives. G. F. D'Alelio. 2,369,949; Feb. 20.
Triazole derivatives. G. F. D'Alelio. 2,374,335; Apr. 24.
Trichloroacetonitrile, Production of. R. T. Foster. 2,375,545; May 8.
Trick walking cane. B. V. Lukowitz. 2,385,091; Sept. 18.
Tricycle. F. W. Kurth. 2,390,719; Dec. 11.
Trigger. R. Wiles. 2,387,788; Oct. 30.
Trigger action. R. J. Craig. 2,383,044; Aug. 21.
Trigger control mechanism. W. H. D'Ardenne. 2,376,129; May 15.
Trigger mechanism. J. C. Garand. 2,382,410; Aug. 14.
Trigger mechanism. P. Pale. 2,375,381; May 8.
Trigger mechanism. R. V. Shepherd and H. J. Turpin. 2,381,521; Aug. 7.
Trigger, Safety gun. E. A. Anderson. 2,380,140; July 10.
Trigger, Selective single. H. O. Eiane. 2,366,893; Jan. 9.
Trihalo-tetrahydronorpolycyclo-pentadienes. H. A. Bruson. 2,382,038; Aug. 14.
Trim angle indicator. L. F. Carter. 2,384,452; Sept. 11.
Trim ring. W. A. Mulhern. 2,383,071; Aug. 21.
Trimethylamine and sulphur trioxide, Preparation of the addition compound of. H. Z. Lecher and W. B. Hardy. 2,386,693; Oct. 9.
Trimethylethoxysilicane and its preparation. W. H. Daudt. 2,390,518; Dec. 11.
Trimmer. R. A. Ruth. 2,378,249; June 12.
Trimmer and cauterizer for fowl and the like, Beak and wing. J. Lyon. 2,385,633; Sept. 25.
Trimmer, Automatic longitudinal. R. K. Schaefer, B. Allen, and R. Lopez. 2,381,840; Aug. 7.
Trimmer condenser. G. M. Ehlers, J. S. Coldwell, and G. Kodama. 2,370,722; Mar. 6.
Trimmer, Type slug side. C. W. and T. C. Curle, and R. F. Newton. 2,374,655; May 1.
Trimming and pinking device and the like. N. C. Smith. 2,390,745; Dec. 11.
Trimming apparatus. N. M. Olney. 2,374,301; Apr. 24.
Trimming machine. C. L. Knott. 2,379,968; July 10.
Trimming machine. F. C. Lovejoy and L. W. Buxton. 2,375,803; May 15.
Trimming machine. I. W. Schultz. 2,373,267; Apr. 10.
Trimming machine, Weld flash. E. S. Ellis. 2,386,451; Oct. 9.
Triming mechanism, Dress or skirt. V. J. Sigoda. 2,383,020; Aug. 21.
Trimming tool. E. J. Moffitt. 2,383,335; Aug. 21.
Trinitro-tertiary-butyl-meta-zylene, Purification of. C. J. Teahan. 2,377,727; June 5.
Trinitrotoluene. M. F. Acken and O. E. Olsen. 2,387,488; Oct. 23.
Trinitrotoluene. C. E. Olsen. 2,380,247; July 10.
Trinitrotoluene, Manufacture of. F. S. Chambers, Jr., and C. A. Woodbury. 2,382,133; Aug. 14.
Trinitrotoluene, Purification of. M. F. Acken and R. M. Cavanaugh. 2,380,248; July 10.
Triode, Demountable high-pressure. A. Gaudenzi. 2,368,535; Jan. 30.
Trip device for scale mechanism. E. W. Schellentrager. 2,384,345; Sept. 4.
Tripentaerythritol octanitrate, Preparation of. J. A. Wyler. 2,389,228; Nov. 20.
Triple action automobile body press. W. Ernst. 2,390,359; Dec. 4.
Tripod. C. E. Simpson. 2,388,296; Nov. 6.
Tripod, Folding. T. Petersen. 2,389,911; July 31.
Tripod head. J. Bolsey. 2,384,790; Sept. 18.
Tripod head. A. E. Reeves. 2,375,690; May 8.
Tripod leg, Telescopic. C. W. Trippensee. 2,384,710; Sept. 11.
Tripping-suppressor, Magnetizing-inrush. W. K. Sonnemann. 2,376,830; May 22.
Trisazo dyestuffs and making same. W. Anderau. 2,369,516; Feb. 13.
Trisazo dyestuffs, their copper compounds, and their manufacture. A. Krebser and W. Bossard. 2,381,599; Aug. 7.
Trisodium phosphate, Manufacture of. M. C. Waddell. 2,375,054; May 1.
Triturating machine. H. H. Wagner. 2,385,767; Sept. 25.
Trolley conductor device. R. P. Hanna and L. F. Brahmer. 2,374,013; Apr. 17.
Trolley conductor device. R. P. Hanna. 2,383,721; Aug. 28.
Trolley conductor insulator. R. P. Hanna, W. B. Atkinson, and L. F. Brahmer. 2,384,995; Sept. 18.
Trolley controlling means. G. H. M. Dahl. 2,376,758; May 22.
Trolley wire hanger. S. S. Matthes. 2,388,860; Nov. 13.
Trommel. C. C. Herbert. 2,375,552; May 8.
Trommel, Pocket. F. F. Dauenhauer. 2,376,128; May 15.
Trona, Solution mining of. R. D. Pike. 2,388,009; Oct. 30.
Tropine, Production of. J. van de Kamp and M. Sletzinger. 2,366,760; Jan. 9.
Trough and mandrel bar arrangement for tube-piercing mills, Outlet. G. J. Kirchner. 2,384,312; Sept. 4.
Trough, Shake conveyer. R. S. Bigelow. 2,384,069; Sept. 4.
Trouser cuff measuring and marking appliance. T. Magnet. 2,370,980; Mar. 6.
Trouser hanger. S. Anthony. 2,382,964; Aug. 21.
Trouser hanger. L. H. Hall. 2,379,634; July 3.
Trouser hanger. R. H. Wollin. 2,382,459; Aug. 14.
Trowel, Bore plastering. H. R. Crane. 2,369,719; Feb. 20.
Truck. W. E. Burbank and D. H. Mitchell. 2,382,856; Aug. 14.

Truck. R. B. Cottrell. 2,375,207; May 8.
Truck. J. Ledwinka. 2,374,218; Apr. 24.
Truck. D. M. Light. 2,368,856; Feb. 6.
Truck. M. H. Martin. 2,366,922; Jan. 9.
Truck. M. H. Martin. 2,373,252; Apr. 10.
Truck. M. H. Martin. 2,378,647; June 19.
Truck. D. H. Mitchell. 2,379,982; July 10.
Truck and brake organization. C. L. Eksergian. 2,384,459; Sept. 11.
Truck and brake therefor, Hand. M. G. Brown. 2,381,642; Aug. 7.
Truck and making same, Vehicle steering. C. E. Frudden. 2,375,167; May 1.
Truck and railway braking system, Railway. C. L. Orr, H. A. Moeller, and J. C. Settles. 2,371,182; Mar. 13.
Truck arrangement. C. A. Edstrom. 2,370,106; Feb. 20.
Truck, Barrel. R. C. Hawkins. 2,385,514; Sept. 25.
Truck body and sub-frame construction. A. F. Meyer and H. C. French. 2,380,861; July 31.
Truck body, Self-loading. J. S. W. Boone. 2,380,917; Aug. 7.
Truck brake. W. L. Nance. 2,389,320; Nov. 20.
Truck, Car. W. H. Baselt and J. E. Flesch. 2,366,691; Jan. 9.
Truck, Car. W. H. Baselt and J. E. Flesch. 2,375,206; May 8.
Truck, Car. T. V. Buckwalter. 2,375,727; May 8.
Truck, Car. R. B. Cottrell. 2,366,180; Jan. 2.
Truck, Car. R. B. Cottrell. 2,368,641; Feb. 6.
Truck, Car. R. B. Cottrell. 2,375,208; May 8.
Truck, Car. R. L. Edgar. 2,377,768; June 5.
Truck, Car. C. A. Edstrom. 2,370,105; Feb. 20.
Truck, Car. D. M. Light. 2,366,973; Jan. 9.
Truck, Car. D. M. Light. 2,367,510; Jan. 16.
Truck, Car. D. M. Light. 2,378,228–9; June 12.
Truck, Car. D. M. Light. 2,378,414–15; June 19.
Truck, Car. R. C. Pierce. 2,377,178; May 29.
Truck, Car. R. C. Pierce. 2,380,902; July 31.
Truck, Car. F. S. Schrage. 2,368,784; Feb. 6.
Truck, Car. J. A. Shafer. 2,385,476; Sept. 25.
Truck, Car. W. H. Statler and L. G. Miller. 2,386,577; Oct. 9.
Truck, Carboy. E. W. Burke. 2,389,294; Nov. 20.
Truck construction, Shop. F. Plecki. 2,373,412; Apr. 10.
Truck driving mechanism. M. G. Clay. 2,384,366; Sept. 4.
Truck, Dump. C. W. Reed. 2,370,489; Feb. 27.
Truck, especially for rail cars. H. K. Harwick. 2,371,621; Mar. 20.
Truck, especially for rail cars. J. Ledwinka. 2,370,605; Feb. 27.
Truck for trailer vehicles. L. W. Whitmer. 2,379,265; June 26.
Truck for trailers, Front. E. C. McDaniel. 2,379,170; June 26.
Truck, Fork-lift. J. R. Alfonte. 2,388,458; Nov. 6.
Truck, Fork lift. G. L. Clapp. 2,387,744; Oct. 30.
Truck frame. E. F. Norelius. 2,378,942; June 26.
Truck, Hand. G. L. Austin. 2,381,858; Aug. 14.
Truck, Hand. H. Vogt. 2,373,279; Apr. 10.
Truck, Hand lift. G. Quayle. 2,369,854; Feb. 20.
Truck, High-speed railway car. C. J. Holland and K. Edall. 2,387,072; Oct. 16.
Truck, Industrial. E. R. Barrett. 2,366,378; Jan. 2.
Truck, Industrial. E. A. Drott and J. H. Kerber. 2,381,568; Oct. 23.
Truck, Industrial. E. J. Dunham. 2,368,121–2; Jan. 30.
Truck, Industrial. E. J. Dunham and K. E. Mulvany. 2,381,729; Aug. 7.
Truck, Industrial. H. B. Lewis. 2,370,866; Mar. 6.
Truck, Industrial. H. F. Wilms. 2,371,661; Mar. 20.
Truck, Lift. G. V. Johnson. 2,387,077; Oct. 16.
Truck, Lift. C. E. Klumb and C. Gruel. 2,372,585; Mar. 27.
Truck, Lift. C. S. Schroeder. 2,367,061; Jan. 9.
Truck, Lift. W. Stuebing, Jr. 2,389,563; Nov. 20.
Truck, Lifting. W. C. House. 2,388,692; Nov. 13.
Truck, Lifting. G. Quayle. 2,367,051; Jan. 9.
Truck, Material handling. H. A. and G. H. Wagner. 2,389,519; Oct. 9.
Truck, Motorized hand. J. L. Waters. 2,377,389; June 5.
Truck or vehicle. E. M. Arentzen. 2,378,892; June 26.
Truck, Pick-up. B. A. Diesel. 2,385,196; Sept. 18.
Truck, Pigeonhole rack. R. G. Le Tourneau. 2,371,055; Mar 6.
Truck, Power-operated industrial lift. E. Wolf. 2,384,059; Sept. 4.
Truck, Railway. K. Douglass and C. R. Moline. 2,389,614; Nov. 27.
Truck, Railway. J. J. Harley and J. C. Travilla, Jr. 2,373,756; Apr. 17.
Truck, Railway. E. C. Jackson and C. F. Frede. 2,379,005; June 26.
Truck, Railway. J. C. Travilla, Jr. and A. H. Pagenkemper. 2,376,735; May 22.
Truck, Railway car. G. E. Dath. 2,378,537–8; June 19.
Truck, Railway car. G. E. Dath. 2,389,123; Nov. 20.
Truck, Railway car. G. E. Dath. 2,390,206; Dec. 4.
Truck, Railway car. W. A. Geiger. 2,374,534; Apr. 24.
Truck, Railway car. S. B. Haseltine. 2,379,521; July 3.
Truck, Railway car. R. Leppla. 2,373,576; Apr. 10.
Truck, Railway car. R. Leppla. 2,389,521; Nov. 20.
Truck, Railway vehicle. F. L. Alben and B. F. Langer. 2,384,785; Sept. 18.
Truck, Rebrass. J. W. Burnett. 2,384,235; Sept. 4.
Truck self-loader attachment. S. Smith. 2,387,687; Oct. 23.
Truck, Service. W. Wenthe. 2,385,559; Sept. 25.
Truck standard, Rotatable. L. M. Roberson. 2,372,120; Mar. 20.
Truck suspension system. O. K. Kjolseth. 2,373,581; Apr. 10.
Truck, Torsionally neutralized railway. C. Breer and R. N. Janeway. 2,371,796; Mar. 20.
Truck, Utility. E. Wolf. 2,390,763; Dec. 11.
Truck, Wheel driven distributor. A. R. Flink. 2,383,121; Aug. 21.
Truckman's handle. G. C. Sterrett. 2,367,627; Jan. 16.
Trucks and the like, Preventing the unauthorized operation of industrial. C. E. Cochran. 2,389,765; Nov. 27.
True motion connecting rod. E. C. Steiner. 2,390,623; Dec. 11.
Truing machine. R. Seifried. 2,371,587; Mar. 13.
Trunk and cot, Combination. K. J. Terrell. 2,371,481; Mar. 13.
Trunk, Wardrobe. W. H. Bracken. 2,385,910; Oct. 2.
Trunnion mount for machine guns. J. R. Austin, W. G. Smith, and G. R. Oscar. 2,366,704; Jan. 9.
Trunnion tilt corrector apparatus. W. B. Jordan and F. V. Johnson. 2,390,374; Dec. 4.
Truss. C. G. Hildreth. 2,388,847; Nov. 13.
Truss. E. Hyatt. 2,388,360; Nov. 6.
Truss. C. Raw. 2,372,010; Mar. 20.
Truss and the like, Timber. E. S. Lank. 2,385,142; Sept. 18.
Truss bracket. F. W. Schwinn. 2,384,968; Sept. 18.
Truss, Roof. J. F. Blaski. 2,369,525; Feb. 13.
Truss structure and parts thereof. M. Watter. 2,386,019; Oct. 2.
Tub, Collapsible foot. S. O. Jacks. 2,382,637; Aug. 14.
Tube: *See*—

Air cleaner equipped filler tube.	Liquid gauge tube.
Bimetal tube.	Microphonic electron tube.
Bipartite tube.	Nonmicrophonic tube.
Cathode ray television tube.	Ocular tube.
Cathode ray tube.	Oil cooler tube.
Collapsible tube.	Push-pull electron tube.
Detonating tube.	Pyrometer tube.
Electric tube.	Radio tube.
Electron camera tube.	Reactance tube.
Electron discharge tube.	Reinforced tube.
Electron tube.	Television pick-up tube.
Electronic tube.	Terminal stuffing tube.
Gaseous discharge tube.	Thermocouple tube.
Heat exchanger fin tube.	Ultra-high-frequency tube.
	Vacuum tube.

Tube adapter for supporting tubes or the like, Releasing. G. B. Markle, Jr. 2,381,301; Aug. 7.
Tube aligning mechanism. F. J. Cozzoli. 2,381,436; Aug. 7.
Tube and anode plate therefor, Thermionic. M. Bareiss. 2,387,238; Oct. 23.
Tube and base structure. W. P. Kruger. 2,383,263; Aug. 21.
Tube and protective sleeve assembly. A. L. Parker. 2,391,266; Dec. 18.
Tube and working circuit therefor, Multianode electron. G. Pasqualigo. 2,383,886; Aug. 28.
Tube assembly, Combustion. H. W. Dietert. 2,370,293; Feb. 27.
Tube attachment for dental instruments, Spray L. Baillenson. 2,369,880; Feb. 20.
Tube bender. B. R. Lancaster. 2,371,695; Mar. 20.
Tube bending machine. A. Schmitt. 2,389,937; Nov. 27.
Tube cleaner. C. A. Stine. 2,367,900; Jan. 23.
Tube cleaner motor. V. H. Baker and P. T. Keebler. 2,384,872; Sept. 18.
Tube cleaning apparatus for boilers and the like. C. F. Lumb and F. G. W. Spears. 2,384,940; Sept. 18.
Tube closure. S. H. Phillips and C. C. Wisberg. 2,371,913; Mar. 20.
Tube closure machine, Welded. W. W. Heckethorn. 2,384,740; Sept. 11.
Tube cooler. W. J. Roberts and S. W. Traylor, Jr. 2,368,681; Feb. 6.
Tube coupling. C. B. Livers. 2,381,829; Aug. 7.
Tube drawing apparatus. R. E. Slater. 2,369,260; Feb. 13.
Tube flanging tool. T. H. Swyers. 2,370,089; Feb. 20.
Tube flaring tool. E. R. Capewell. 2,373,946; Apr. 17.
Tube folding apparatus, Collapsible. G. M. Booth. 2,381,716; Aug. 7.
Tube folding apparatus, Collapsible. M. H. Cubberley. 2,381,717; Aug 7.
Tube forming die. E. Bertalan. 2,373,531; Apr. 10.
Tube forming die. E. Bertalan and E. U. Rice. 2,373,530; Apr. 10.
Tube holder. G. D. Walker, C. E. Oulsnam, and F. Kryss. 2,391,528; Dec. 25.
Tube instrument, Temperature compensated bourdon. R. J. Ingham, Jr. 2,387,909; Oct. 30.
Tube machine. J. P. Ratay. 2,390,171; Dec. 4.
Tube mandrels, Forming flowmeter. C. E. Cox. 2,384,800; Sept. 18.

Tube mills or crushing mills, containing balls or similar crushing bodies, Lining for. J. F. Henricot. 2,367,464; Jan. 16.
Tube mount. J. W. Wohlhieter. 2,386,732; Oct. 9.
Tube or hollow core for packages of yarn and the like, Cop. H. L. Amrhein and E. E. Fuller. 2,381,869; Aug. 14.
Tube radiation with internal metallic conduction. T. J. Lehane and J. Van Vulpen. 2,372,502; Mar. 27.
Tube reducing mill. G. B. Coe. 2,388,251; Nov. 6.
Tube severing machine. E. G. Cicchetti and F. D. Lewis. 2,374,806; May 1.
Tube socket with built-in radio-frequency by-pass condensers, Shielded. N. M. Rashkodoff. 2,369,177; Feb. 13.
Tube splicer. R. E. Bailey and A. C. Tricker. 2,367,191; Jan. 16.
Tube straightening machine. C. L. Dewey. 2,384,457; Sept. 11.
Tube structure. A. L. Parker. 2,383,733; Aug. 28.
Tube system, Reactance. W. van B. Roberts. 2,371,651; Mar. 20.
Tube testing apparatus E. Blair. 2,385,491; Sept. 25.
Tube testing connection, Pitot-static. W. H. Jordan. 2,371,243; Mar. 13.
Tube testing device. W. De Verter. 2,380,095; July 10
Tubes and the like, Manufacture of collapsible. C. E. Voke. 2,383,230; Aug. 21.
Tubes, Cold-working magnesium alloy. H. W. Schmidt. 2,378,729; June 19.
Tubes, Constructing safety inner. F. A. Krusemark. 2,372,382; Mar. 27.
Tubes in headers for tube plates, Fastening. F. M. Young. 2,368,391; Jan. 30.
Tubes in tube seats, Expanding. P. J. Welch. 2,389,098; Nov. 13.
Tubes, Making composite. M. G. Murray. 2,371,348; Mar. 13.
Tubes, Making inner. J. W. Waber. 2,379,122; June 26.
Tubes, Manufacturing. G. E. Barnhart. 2,391,766; Dec. 25.
Tubes, Proofing. G. E. Steinel. 2,381,383; Aug. 7.
Tubes, Sealing filled. F. J. Cozzoli. 2,379,342; June 26.
Tubes, Testing core. H. T. Booth. 2,371,217; Mar. 13.
Tubing. R. H. Hobrock. 2,380,107; July 10.
Tubing and needle holder. L. H. Perry. 2,366,424; Jan. 2.
Tubing construction. G. Toepper and J. F. P. Farrar. 2,385,389; Sept. 25.
Tubing, Extruded thermoplastic. C. E. Slaughter. 2,377,908; June 12.
Tubing, Fabrication of. C. E. Slaughter. 2,383,520; Aug. 28.
Tubing for transportation, Preparing. I. D. Thornburgh. 2,386,823; Oct. 16.
Tubing head and tubing support, Combination. E. D. Garrett. 2,383,248; Aug. 21.
Tubing, Laminated. J. N. Tynan. 2,382,834; Aug. 14.
Tubing, Making. W. D. Blatz. 2,387,051; Oct. 16.
Tubing, Making corrugated. F. G. Tritt. 2,384,055; Sept. 4.
Tubing, Manufacture of. J. Karmazin. 2,375,661; May 8.
Tubing, Noncollapsible. R. E. Fogg. 2,371,042; Mar. 6.
Tubing on wire cables, conduits, and the like, Applying insulating. M. O. Searle. 2,366,359; Jan. 2.
Tubosupercharger system. S. A. Moss. 2,380,777; July 31.
Tubs and supports therefor, Twin portable. H. E. Meyer. 2,384,112; Sept. 4.
Tubs or similar articles, Making. R. M. Chesney. 2,378,982; June 26.
Tubular article, Smooth surfaced. C. M. Wood and C. L. Jones. 2,369,629; Feb. 13.
Tubular articles, Method of and apparatus for forming. E. L. Perry. 2,385,230; Sept. 18.
Tubular construction. O. Rasor. 2,380,549; July 31.
Tubular container. H. A. Wansker. 2,367,705; Jan. 23.
Tubular expansible member, Edge-wound. B. F. Tellkamp. 2,376,634; May 22.
Tubular frame construction. W. H. Neely. 2,371,407; Mar. 13.
Tubular insert. J. Rosan. 2,370,327; Feb. 27.
Tubular joint members, Building up. A. L. Stone. 2,390,624; Dec. 11.
Tubular material, Manufacturing. J. H. Smith. 2,379,258; June 26.
Tubular netting. H. Mehler. 2,376,442; May 22.
Tubular products, Manufacture of. F. C. Browne. 2,386,653; Oct. 9.
Tubular remote-control device. L. Herkert. 2,372,204; Mar. 27.
Tubular wire stranding machine. C. Jones. 2,371,523; Mar. 13.
Tucker adjusting mechanism. H. J. Werden and F. G. Werden. 2,367,160; Jan. 9.
Tucking and folding mechanism for wrapping machines. C. Arelt. 2,385,675; Sept. 25.
Tufted and knotted material. C. Caruso and D. Rich. 2,366,437; Jan. 2.
Tufted articles, Method and machine for making. J. S. Kile. 2,389,914; Nov. 27.
Tumbler. J. P. Jorgenson and A. G. Kling. 2,380,652; July 31.
Tumbling device. G. P. Nissen. 2,370,990; Mar. 6.
Tumbling machine. J. E. Vetorino. 2,368,586; Jan. 30.
Tumbling mechanism. F. C. Hoffman. 2,370,792; Mar. 6.
Tuna fish, Packing. K. and G. K. Wuorl. 2,373,988; Apr. 17.
Tuner and contact therefor, Inductive. W. H. Kunz. 2,377,789; June 5.
Tuner, Automatic. L. J. Leishman. 2,374,824; May 1.
Tuner, Automatic. LeR. J. Leishman. 2,378,023; June 12.
Tuner, Push button. L. J. Leishman. 2,374,293; Apr. 24.
Tuning aid, Frequency modulation receiver. W. R. Koch. 2,371,397; Mar. 13.
Tuning arrangement for wireless receivers. C. L. Richards. 2,381,227; Aug. 7.
Tuning arrangement in radio receivers. D. M. Ambrose. 2,377,475; June 5.
Tuning control. K. Clark. 2,376,901; May 29.
Tuning control mechanism. W. T. Cooke and K. L. Schussman. 2,380,946; Aug. 7.
Tuning device for radio circuits. E. Garthwaite. 2,385,131; Sept. 18.
Tuning device, Spread band. V. R. Beck. 2,383,462; Aug. 28.
Tuning device, Spread band. Z. Benin. 2,383,463; Aug. 28.
Tuning device with stop mechanism. H. C. Hall. 2,377,790; June 5.
Tuning means, Mechanical. S. S. Cramer. 2,386,598; Oct. 9.
Tuning mechanism. B. A. Schwarz. 2,389,213; Nov. 20.
Tuning mechanism for radio receivers and the like. H. J. McGarvey. 2,372,009; Mar. 20.
Tuning of transmitters, Automatic. O. B. Cunningham, H. Sussman, and S. Gubin. 2,376,667; May 22.
Tuning structure for radio sets. S. S. Cramer. 2,380,487; Nov. 20.
Tuning system, Oscillator. H. L. Donley. 2,382,615; Aug. 14.
Tuning system, Permeability. W. R. Koch. 2,389,986; Nov. 27.
Tuning system, Variable. H. B. Stott. 2,390,009; Nov. 27.
Tungsten containing ferrous alloys, Producing. A. Linz. 2,381,674; Aug. 7.
Tungsten ore flotation. E. W. Gieseke. 2,373,305; Apr. 10.
Tungstic acid, Production of. G. A. Stein and W. J. Moran, Jr. 2,368,580; Jan. 30.
Tunnel balance, Wind. C. Goldberg. 2,380,516; July 31.
Tunnel construction, Underground. C. D. Jacobs. 2,377,012; May 29.
Tunnel segment and making same. L. Fine and H. B. Kelchner. 2,366,961; Jan. 9.
Tunneling method. F. P. Ayers. 2,385,251; Sept. 18.
Turbine. W. E. Caldwell. 2,377,611; June 5.
Turbine. E. Dupont. 2,374,671; May 1.
Turbine. F. R. Viera. 2,378,740; June 19.
Turbine, Aircraft landing wheel. L. R. Lueck. 2,377,638; June 5.
Turbine and compressor. F. Whittle. 2,378,372; June 12.
Turbine apparatus. J. S. Newton. 2,389,074; Nov. 13.
Turbine arrangement, Aircraft gas. E. S. Clark. 2,388,952; Nov. 13.
Turbine arrangement, Elastic fluid. R. P. Schlenker. 2,386,067; Oct. 2.
Turbine arrangement, Elastic fluid. G. B. Warren. 2,376,212; May 15.
Turbine construction. R. R. Snyder. 2,390,133; Dec. 4.
Turbine control apparatus. J. R. Hagemann. 2,386,110; Oct. 2.
Turbine, Elastic fluid. D. J. Bloomberg. 2,390,772; Dec. 11.
Turbine, Elastic fluid. G. B. Warren. 2,379,770; July 3.
Turbine electric drive, Marine. A. F. Schwendner. 2,382,507; Aug. 14.
Turbine, Gas. J. S. Alford. 2,383,948; Sept. 4.
Turbine, Gasoline. A. Orloff. 2,386,497; Oct. 9.
Turbine installation, Gas. M. H. L. Sédille. 2,374,239; Apr. 24.
Turbine locomotive control system. C. C. Whittaker. 2,372,151; Mar. 20.
Turbine, Multistage high pressure elastic fluid. J. F. Jefferson. 2,388,975; Nov. 13.
Turbine nozzle structure. C. E. Kenney. 2,391,786; Dec. 25.
Turbine or the like, Gaseous fluid. A. P. E. Planiol and R. J. H. Planiol. 2,369,795; Feb. 20.
Turbine rotor, Welded. W. Huber. 2,389,051; Feb. 6.
Turbine system. J. S. Haverstick. 2,382,564; Aug. 14.
Turbine type engine. E. H. Wright. 2,370,217; Feb. 27.
Turbine with overhung rotor. A. Büchi. 2,390,506; Dec. 11.
Turbocompressor. A. A. Griffith. 2,391,779; Dec. 25.
Turbodissolver. C. R. Rechtin and J. E. Trostle. 2,390,898; Dec. 11.
Turbodrive control. H. O. Schjolin. 2,380,677; July 31.
Turboengine drive, Combustion. F. Nettel and J. Kreitner. 2,380,989; Aug. 7.
Turbosupercharger. J. S. Alford. 2,372,467; Mar. 27.

Turbotransmission. J. Jandasek. 2,368,711; Feb. 6.
Turbotransmission. J. Jandasek. 2,373,894; Apr. 17.
Turbo transmission. R. J. Miller. 2,379,174; June 26.
Turbotransmission. J. R. Teagno. 2,376,462; May 22.
Turbo transmission. J. R. Teagno. 2,377,825–6; June 5.
Turbulence producing valve. A. H. Wassman. 2,383,697; Aug. 28.
Turnbuckle securing device. C. E. Schubert. 2,367,740; Jan. 23.
Turnbuckle tool. S. H. Knowles. 2,390,310; Dec. 4.
Turnbuckle wrench. J. H. Dye. 2,389,248; Nov. 20.
Turnbuckle wrench. V. Price. 2,386,342; Oct. 9.
Turn button fastener. H. J. Murphy. 2,382,943; Aug. 14.
Turncocks, Making. J. C. Fuller. 2,387,013; Oct. 16.
Turn error preventing means for gyro-verticals. F. D. Braddon and L. F. Carter. 2,369,131; Feb. 13.
Turnover apparatus, Package. W. B. Ranney. 2,370,325; Feb. 27.
Turntable, Crane. J. D. Rauch. 2,366,558; Jan. 2.
Turntable for phonographs and sound recorders. V. L. Roberts. 2,381,927; Aug. 14.
Turn-tilt unloading toy railway car. R. G. Smith. 2,373,148; Apr. 10.
Turner, Automatic welt. J. D. Moyer. 2,376,267; May 15.
Turner, Log. J. A. Weber. 2,382,837; Aug. 14.
Turning device for the wheels of an aircraft landing gear. J. M. Johnson and F. M. Straka. 2,382,321; Aug. 14.
Turning device, Wood. G. Burgeson. 2,388,825; Nov. 13.
Turning impedances for high radio frequencies. G. E. Pray. 2,366,750; Jan. 9.
Turning machine. W. Siegerist. 2,389,556; Nov. 20.
Turning machine controlled by the diameter of the work. H. L. and A. B. MacNeill. 2,374,365; Apr. 24.
Turning tool. V. W. Gideon. 2,380,039; July 10.
Turpentine and like matters and products thereof, Hydrating. T. Hasselstrom and B. L. Hampton. 2,385,572; Sept. 25.
Turret attachment for drill processes. P. B. Drane. 2,368,009; Jan. 23.
Turret control. L. S. Sheldrick, E. J. Farkas, and M. Nador. 2,382,110; Aug. 14.
Turret for mobile tanks, Gun. W. M. Pohl. 2,388,010; Oct. 30.
Turrethead locking means. E. P. Bullard, III, E. N. Cowell, and P. H. Lane. 2,369,209; Feb. 13.
Turret press. W. Ernst. 2,382,041; Aug. 14.
Turret slide clamp. O. Kylin. 2,373,637; Apr. 10.
Turret Tailstock. E. Zuellig. 2,371,014; Mar. 6.
Turret toolholder. C. E. Wyrick. 2,368,736; Feb. 6.
Turret, Transparent nose. D. S. Elliott. 2,372,939; Apr. 3.
Tuyère block. E. A. Strang. 2,373,792; Apr. 17.
Tuyère construction. D. E. Mackenzie and G. H. Wolfe. 2,384,275; Nov. 6.
Tweezer implement and the like. E. A. Neugass. 2,379,448; May 22.
Tweezers. H. A. Slad. 2,381,084; Aug. 7.
Tweezers and magnifying device, Combination. G. B. Brastolon. 2,387,054; Oct. 16.
Twin claw battery clamp. J. Vixniowski. 2,369,872; Feb. 20.
Twin coil furnace. M. Tama. Re. 22,602; Feb. 13.
Twin-cylinder constant speed hydraulic system. W. R. Tucker. 2,374,630; Apr. 24.
Twine and producing the same, Paper. M. Katz. 2,388,745; Nov. 13.
Twine holder. C. D. Threlkeld. 2,391,364; Dec. 18.
Twist drill gauge. A. R. J. Poncelet. 2,377,715; June 5.
Twister. E. C. Gwaltney and H. R. Marsh. 2,374,085; Apr. 17.
Twister, Double twist. F. J. Kent. 2,379,806; July 3.
2-amino 4-methylpyrimidine. E. H. Northey. 2,378,318; June 12.
2-amino-pyrimidenes, Producing. M. N. Dvornikoff. 2,391,822; Dec. 25.
2-amino-thiazole, Preparation of. E. C. Britton and K. C. Harding. 2,387,212; Oct. 16.
Two-cycle engine. F. Carter. 2,381,646; Aug. 7.
Two-cycle gas engine. F. M. Jones. 2,376,968; May 29.
Two-cycle internal-combustion engine. C. G. Curtis. 2,367,565; Jan. 16.
Two-cycle sleeve-valve engine. H. R. Ricardo. 2,367,963; Jan. 23.
Two-cycle solid-fuel injection supercharged engine. E. Moore. 2,383,336; Aug. 21.
2,4-dinitro-6-cyclohexyl-phenol, Manufacture of. J. W. Britton and R. C. Doesser. 2,384,365; Sept. 4.
2,4-oxazolidinedione, Derivatives of. R. W. Stoughton. 2,372,861; Apr. 3.
2-halogenoethoxy silicon compounds. W. I. Patnode and R. C. Sauer. 2,381,138; Aug. 7.
2-methyl-4-ketol-1,3-dioxolane, Preparation of. R. F. Conaway. 2,370,779; Mar. 6.
2-nitro-3-methoxy-phenol and making same. C. B. Jaeger, Jr. 2,385,282; Sept. 18.
2-oxazolines, Preparing. P. F. Tryon. 2,372,409; Mar. 27.
2-oxazolines, Production of. P. F. Tryon. 2,372,410; Mar. 27.
2,6-dinitro-4-sulpho-toluene, Preparing. M. Witte. 2,375,168; June 12.
2,6-nitro chlor toluene, Bromination of. J. Ogilvie. 2,387,341; Oct. 23.
Two-speed motor. E. O. Thompson. 2,388,884; Nov. 13.
Two-speed transmission. V. A. Larsen. 2,379,164; June 26.
Two stage rotary mill. R. C. Hopkins. 2,377,496; June 5.
Two-stage water heater. E. R. Koppel. 2,374,757; May 1.
Two-stroke cycle engine. B. Bolli. 2,377,068; May 29.
2-substituted furan-3,4-dicarboxylic acids and their corresponding saturated analogues. K. Hofmann. 2,382,418; Aug. 14.
2:3 butanediol, Producing. A. J. Liebmann and G. de Becze. 2,389,263; Nov. 20.
Two-way clutch. K. Miller. 2,379,023; June 26.
Two-way clutch. W. C. Thelander. 2,379,024; June 26.
Two-way overrunning clutch. W. E. Swift, Jr. 2,378,954; June 26.
Tying machine. B. H. Bunn. 2,366,235; Jan. 2.
Tying machine. B. H. Bunn. 2,367,658; Jan. 23.
Tying machine. B. H. Bunn. 2,371,024; Mar. 6.
Tying machine for elongated packages. B. H. Bunn. 2,372,763; Apr. 3.
Tying members, Manufacturing. W. R. Schindler. 2,371,357; Mar. 13.
Type bar operating mechanism for typewriters. P. J. Thyer. 2,372,618; Mar. 27.
Type chase. F. Kohnle. 2,373,966–7; Apr. 17.
Typesetting machine. P. Vassallo. 2,371,484; Mar. 13.
Type size and space gauge. I. F. T. Rigby. 2,376,811; May 22.
Type slug end cutter. C. W. Curle, T. C. Curle, and R. F. Newton. 2,369,947; Feb. 20.
Typewriter. W. W. Davidson. 2,386,442; Oct. 9.
Typewriter attachment. R. Dow. 2,369,445; Feb. 13.
Typewriter, Automatic composing. B. E. Reynolds. 2,375,135; May 1.
Typewriter, Calculating. H. Schuler, H. Gruttner, and E. Dronigke. 2,387,618; Oct. 23.
Typewriter calculating machine. R. Anschütz and E. H. Kämmel. 2,378,527; June 19.
Typewriter carton, Interchangeable. L. F. Perkins. 2,370,749; Mar. 6.
Typewriter desk. M. O. Mowat. 2,369,069; Feb. 6.
Typewriter escapement control mechanism. H. M. Harrison. 2,380,432; July 31.
Typewriter machine. R. Von Reppert. 2,377,831; June 5.
Typewriter support. W. H. Schuh. 2,370,607; Feb. 27.
Typewriters, Roll for. R. A. Gordon. 2,389,499; Nov. 20.
Typewriting and accounting machine. O. J. Sundstrand. 2,370,505; Feb. 27.
Typewriting and accounting machine. O. J. Sundstrand. 2,371,553; Mar. 13.
Typewriting and accounting machine. E. L. Wise. 2,371,118; Mar. 6.
Typewriting and computing machine, Combined. H. L. Pitman. 2,372,681; Apr. 3.
Typewriting and manifolding. S. H. Plum, II. 2,390,554; Dec. 11.
Typewriting machine. A. Colombo. 2,375,526; May 8.
Typewriting machine. W. A. Dobson. 2,384,017; Sept. 4.
Typewriting machine. R. D. Dodge. 2,372,866; Apr. 3.
Typewriting machine. W. F. Helmond. 2,384,030; Sept. 4.
Typewriting machine. J. J. Kittel. 2,383,256–60; Aug. 21.
Typewriting machine. F. P. Kuhl. 2,391,097; Dec. 18.
Typewriting machine. W. H. Kupper. 2,386,480; Oct. 9.
Typewriting machine. A. G. F. Kurowski. 2,387,078; Oct. 16.
Typewriting machine. M. H. Mann. 2,370,478; Feb. 27.
Typewriting machine. W. T. Sagner. 2,369,315; Feb. 13.
Typewriting machine. J. F. Smathers. 2,385,035–6; Sept. 18.
Typewriting machine. R. von Reppert. 2,379,843; July 3.
Typewriting machine. C. Walker. 2,387,785; Oct. 30.
Typewriting machine. C. Walker and W. H. Wade. 2,369,695; Feb. 20.
Typewriting machine. C. Walker and W. H. Wade. 2,371,083; Mar. 6.
Typewriting machine. H. C. Yaeger. 2,384,060; Sept. 4.
Typographical composing and distributing machine. R. R. Mead. 2,368,860; Feb. 6.
Typographical compositing machine, Photo-mechanical. R. C. Elliott, M. R. Dewhurst, and J. B. S. Booth. 2,388,961; Nov. 13.
Typographical machine. J. C. Plastaras. 2,383,159; Aug. 21.
Typographical machine. M. Trejo and H. Cascante. 2,372,407; Mar. 27.
Ultra-high frequency converter circuit. L. E. Thompson. 2,370,758; Mar. 6.
Ultra-high-frequency tube. C. V. Litton. 2,372,213; Mar. 27.
Ultra-high-frequency tuning apparatus. R. L. Harvey and H. G. Fisher. 2,367,576; Jan. 16.
Ultra-high-frequency tuning apparatus. E. Karplus and A. P. G. Peterson. 2,367,681; Jan. 23.
Ultra high frequency vacuum tube circuit. E. W. Herold. 2,373,184; Apr. 10.
Ultrasonic cell. G. W. Willard. 2,366,822; Jan. 9.
Ultrasonic testing, Method and apparatus for. W. E. Morris. 2,378,237; June 12.
Ultraviolet lamp. E. L. Koch. 2,382,939; Aug. 14.
Ultraviolet ray applicator. M. I. Schultz. 2,383,421; Aug. 21.

Umbilical clip. P. Riccardi. 2,384,697; Sept. 11.
Umbrella, Emergency. L. Piechowski. 2,385,937; Oct. 2.
Umbrella frame construction, Plastic. S. Isler. 2,385,575; Sept. 25.
Umbrella, Illuminated. A. L. Campbell. 2,372,471; Mar. 27.
Umbrella retaining device. D. Hannan. 2,373,471; Apr. 10.
Umbrella stand. J. F. Roberts. 2,373,339; Apr. 10.
Unbalanced pivoted figure toy. A. Robins. 2,377,811; June 5.
Uncoiling mechanism. C. M. Yoder. 2,386,533; Oct. 9.
Uncoupling mechanism. M. P. Blomberg. 2,384,808; Sept. 16.
Underdrain for filters and the like. J. D. Walker. 2,387,101; Oct. 16.
Underframe, Rail car. A. G. Dean. 2,366,709; Jan. 9.
Undergarment. E. Berdach. 2,384,806; Sept. 18.
Undergarment. H. Collins. 2,383,590; Aug. 28.
Undergarment. J. G. Frieman. 2,381,816; Aug. 7.
Undergarment. A. R. Kneibler. 2,385,995; Oct. 2.
Undergarment. M. M. Messing. 2,366,865; Jan. 9.
Undergarment. F. Russo. 2,390,465; Dec. 4.
Undergarment, Combination. B. Du B. Cangelosi. 2,391,770; Dec. 25.
Undergarment, Lady's. G. A. Fletcher. 2,372,265; Mar. 27.
Undergarment, Men's. S. Brenner. 2,369,773; Feb. 20.
Undergarment, Woman's. E. Bissett. 2,378,596; June 19.
Underground storage tank. E. S. Pomykala. 2,382,171; Aug. 14.
Underreamer, Rotary. E. Koppl and F. W. Harris. 2,382,725; Aug. 14.
Uniform cap. H. Goldman. 2,368,825; Feb. 6.
Uniform cap. E. F. Scheppler. 2,389,689; Nov. 27.
Union. F. H. Knight and R. T. Watts. 2,391,632; Dec. 25.
Unit and multiple door operator. A. E. Weigele. 2,377,986; June 12.
Unit bushing, Spark plug. T. N. Willcox and H. H. Race. 2,390,820; Dec. 11.
Unit container. W. T. Hormes. 2,367,124; Jan. 9.
Unit cooler. A. D. Ames. 2,386,883; Oct. 16.
Unit, Fastener. W. M. Hanneman. 2,391,308; Dec. 18.
Unit for drainage systems. M. R. Gutman. 2,366,522; Jan. 2.
Unit for radial type engines, Heat exchange. F. M. Young, J. C. Shaw, and H. F. Brinen. 2,387,485; Oct. 23.
Unit for refrigerators, Syphon valve. C. H. Walbert. 2,387,483; Oct. 23.
Unit for retractable landing gear, Actuating. R. M. Nardone. 2,391,333; Dec. 18.
Unit, Heating. J. Bilan. 2,391,382; Dec. 25.
Unit, Separable packing. E. V. Bloomquist. 2,391,383; Dec. 25.
Unitary foldable music stand. W. Berg. 2,383,287; Aug. 21.
Uniting parts. H. J. Dailey. 2,383,113; Aug. 21.
Universal chair and cushion cover. P. Trubitz. 2,367,450; Jan. 16.
Universal coupling. J. M. O'Malley. 2,372,289; Mar. 27.
Universal coupling. J. M. O'Malley. 2,375,030; May 1.
Universal coupling. J. M. O'Malley. 2,386,630; Oct. 9.
Universal demodulator for frequency amplitude modulation. E. H. Lange. 2,382,014; Aug. 14.
Universal indicator clamp. W. H. Larson. 2,371,451; Mar. 13.
Universal joint. H. H. Abbott. 2,381,096; Aug. 7.
Universal joint. G. E. Dunn. 2,370,023; Feb. 20.
Universal joint. G. E. Dunn. 2,377,408; June 5.
Universal joint. L. E. Jones. 2,373,897; Apr. 17.
Universal joint. R. B. Ransom. 2,377,451; June 5.
Universal joint. J. R. Snyder. 2,386,754; Oct. 16.
Universal joint. G. B. Stillwagon, Jr. 2,369,810; Feb. 20.
Universal joint. A. Venditty. 2,377,467; June 5.
Universal joint. A. Venditty. 2,377,469; June 5.
Universal joint. A. Venditty. 2,386,017; Oct. 2.
Universal joint. S. G. Wingquist. Re. 22,600; Feb. 6.
Universal joint and ratchet device. D. Grandmaison. 2,378,369; June 12.
Universal joint construction. J. F. Wollner. 2,378,349; June 12.
Universal machine head brake. J. Kis. 2,376,492; May 22.
Universal rotary drive lock. J. Bardega. 2,389,886; Nov. 27.
Universal shoe fixture for orthopedic attachments. N. Rosenthal. 2,382,821; Aug. 14.
Universal standard. A. M. Schroder. 2,379,379; June 26.
Universal surfacing machine, Line of type. R. C. Cashon. 2,367,198; Jan. 16.
Universal type grinding tool. I. F. Suwa. 2,388,020; Oct. 30.
Universal vise. J. A. Disse. 2,390,428; Dec. 4.
Unloader, Furnace. F. H. Loftus. 2,382,491; Aug. 14.
Unloader valve. E. A. Rockwell. 2,372,016; Mar. 20.
Unloading device, Coal truck. E. H. Heller. 2,389,779; Nov. 27.
Unloading machine. W. V. Inman. 2,381,958; Aug. 14.
Unsaturated acids, Manufacture of polymerizable. H. P. Staudinger, K. H. W. Tuerck, and E. H. Brittain. 2,386,365; Oct. 9.
Unsaturated bodies from hexose oxidation products, Production of. W. F. Koch. 2,382,425; Aug. 14.
Unsaturated compounds, Producing. H. G. Kirschenbauer. 2,389,260; Nov. 20.
Unsaturated compounds, Production of. H. G. Kirschenbauer. 2,388,158; Oct. 30.
Unsaturated fatty bodies, Selective oxidation of. L. D. Myers and C. A. Sprang. 2,369,108; Feb. 6.
Unsaturated hydrocarbons from a hydrocarbon mixture, Separation of. B. S. Friedman and R. F. Stedman. 2,391,404; Dec. 25.
Unsaturated ketones, Production of. R. R. Driesbach and G. B. Heusted. 2,380,828; July 31.
Upholstering fabric. W. D. Hedges, J. C. Lowman, and T. J. Kerr. 2,387,396; Oct. 23.
Uptake construction. E. J. Mabrito. 2,370,555; Feb. 27.
Urea-formaldehyde composition. D. E. Cordier. 2,384,367; Sept. 4.
Urea-formaldehyde resin foam, Treatment of. L. S. Meyer. 2,384,387; Sept. 4.
Urea, Pelleting. E. F. Harford. 2,369,110; Feb. 6.
Urea pyridinium compounds. M. De Groote and B. Keiser. 2,386,937; Oct. 16.
Ureas, Substituted. W. R. Boon. 2,380,934; Aug. 7.
Urinal, Female. M. Wells. 2,382,276; Aug. 14.
Urinary appliance. T. B. Farrell. 2,379,346; June 26.
Urn, Burial. A. Klinzing. 2,385,520; Sept. 25.
Utensil, Cooking. E. D. Campbell. 2,374,583; Apr. 24.
Utensil, Cooking. F. A. Parsons. 2,371,975; Mar. 20.
Utensil cover. W. F. Witte, Jr. 2,385,594; Sept. 25.
Utensil, Culinary. W. C. P. Zabel and R. C. Helfenbein. 2,391,215; Dec. 18.
Utensil handle. W. T. Hanke. 2,368,297; Jan. 30.
Utensil, Inking. J. A. Dondero. 2,378,132; June 12.
Utensil, Food separating. E. B. Havas. 2,382,222; Aug. 14.
Utensil, Pencil lead writing. A. Schweitzer. 2,372,914; Apr. 3.
Utensils, Making enameled cooking. R. S. Cobb and W. B. Moore. 2,388,723; Nov. 13.
Utensils on galley ranges, Holding cooking. A. Westlake. 2,379,206; June 26.
Utility and camp trailer and camp tent, Convertible. T. Heil. 2,383,192; Aug. 21.
Utility bag. H. Deutsch. 2,384,285; Sept. 4.
Utility case. L. G. Stanley. 2,368,687; Feb. 6.
V-belt clutch assembly. A. O. Johnson and H. W. Elsner. 2,385,360; Sept. 25.
Vaccine, Preparing hog cholera. F. W. Tilley. 2,369,267; Feb. 13.
Vacuum booster for windshield wipers. F. A. Kane, Jr. 2,379,719; July 3.
Vacuum breaker. G. Brown. Re. 22,645; May 29.
Vacuum breaker. E. J. Kenney. 2,370,247; Feb. 27.
Vacuum breaker. R. M. Nelson. 2,388,432; Nov. 6.
Vacuum caponizing instrument. C. C. Fulkerson. 2,378,137; June 12.
Vacuum cleaner. A. A. Arnhym. 2,381,710; Aug. 7.
Vacuum cleaner. J. N. Baker. 2,380,382; July 31.
Vacuum cleaner. A. H. Beede. 2,378,174; June 12.
Vacuum cleaner. V. E. Carlson. 2,375,212; May 8.
Vacuum cleaner. A. A. Forsberg. 2,372,944; Apr. 3.
Vacuum cleaner. G. E. Lofgren. 2,371,767; Mar. 20.
Vacuum cleaners, Hose coupling for. O. M. Anderson. 2,367,188; Jan. 16.
Vacuum condenser. E. J. Murphy. 2,389,207; Nov. 20.
Vacuum distillation apparatus. K. C. D. Hickman. 2,370,464; Feb. 27.
Vacuum distillation apparatus. C. V. Litton. 2,374,870; May 1.
Vacuum distillation process and apparatus. J. C. Hecker. 2,370,462; Feb. 27.
Vacuum distillation process and apparatus. E. M. Shantz. 2,383,945; Sept. 4.
Vacuum feeder. J. S. Reece. 2,367,311; Jan. 16.
Vacuum holder. J. F. Costello. 2,379,279; June 26.
Vacuum motor system. J. Pierotti. 2,376,937; May 29.
Vacuum producing apparatus. R. J. Stewart. 2,370,202; Feb. 27.
Vacuum production and apparatus thereof. K. C. D. Hickman. 2,379,152; June 26.
Vacuum pump. J. Eger. 2,372,191; Mar. 27.
Vacuum pump and self-pumping still, High. K. C. D. Hickman. 2,379,151; June 26.
Vacuum sweeper. L. B. Salt. 2,367,437; Jan. 16.
Vacuum sweeper construction. H. A. Kroenlein. 2,372,007; Mar. 20.
Vacuum testing apparatus. J. Hohl. 2,383,936; Sept. 4.
Vacuum tube. W. W. Eitel. 2,373,949; Apr. 17.
Vacuum tube mounting. R. B. Hoffman. 2,381,905; Aug. 14.
Vacuum work holder. R. Schmid. 2,366,935; Jan. 9.
Vacuums, Method and apparatus for producing. K. C. D. Hickman and G. A. Kuipers. 2,379,436; July 3.
Vaginal obturator. O. Popper. 2,391,343; Dec. 18.
Valance clip and positioning valance boards. R. H. Wright and F. Buick. 2,367,322; Jan. 16.

Valve: See—
Adjustable pressure relief valve.
Air brake valve.
Antibackflow and antisiphonage valve.
Antisiphon ball cock valve.
Automatic antislam check valve.
Automatic drain valve.
Automatic pump selector valve.
Automatic valve.
Backsiphonage prevention valve.
Bag valve.
Balanced valve.
Brake control valve.
Brake release valve.
By-pass control valve.
By-pass valve.
Check valve.
Combined stop and float valve.
Compensating poppet valve.
Control valve.
Controlling valve.
Cut-off valve.
Diaphragm operated valve.
Diaphragm valve.
Drain valve.
Electrically operated cutoff valve.
Electrically operated valve.
Electrically separated flush valve.
Electromagnetically operated valve.
Equalizing valve.
Expansion valve.
Float valve.
Flow control valve.
Flow controlling valve.
Fluid control valve.
Fluid pressure control valve.
Fluid pressure operated valve.
Flush valve.
Flux valve.
Four-way valve.
Fuel drain valve.
Fuel tank flapper valve.
Gas valve.
Gate valve.
Globe valve.
High lift valve.
High pressure shutoff valve.
High-pressure valve.
Hydraulic actuating cylinder control valve.
Hydraulic governor valve.
Hydraulic safety valve.
Hydraulic valve.
Injector valve.
Landing gear by-pass valve.
Liquid sealed vent valve.
Locking valve.
Lubricant control valve.
Lubricated gate valve.
Lubricated plug valve.
Lubricated valve.
Lubricated wedge seal valve.
Lubrication system control valve.
Manual reset valve.
Mixing valve.
Modulating valve.
Multiple control valve.
Multiport rotary valve.
Needle valve.
Oil temperature control valve.
Outlet valve.
Packless valve.
Plug valve.
Plugless valve.
Pressure control valve.
Pressure regulating valve.
Pressure release valve.
Pressure relief valve.
Pressure responsive valve.
Pressure unloading valve.
Quick-acting control valve.
Radiator valve.
Refrigerator valve.
Relief valve.
Remote-control valve.
Remotely controlled flow valve.
Remotely controlled valve.
Rotary disk valve.
Rotary valve.
Safety valve.
Sandblast mixer valve.
Selector valve.
Self-closing and slow-closing valve.
Simplified brake valve.
Solenoid operated valve.
Solenoid trip butterfly valve.
Spherical plug valve.
Spray control valve.
Straight stem vent valve.
Suction relief valve.
Surge valve.
Synchronized hydraulic control valve.
Synthetic poppet valve.
Tank vent valve.
Temperature relief valve.
Three way valve.
Throttling valve.
Tire valve.
Turbulence producing valve.
Unloader valve.
Variable sensitivity control valve.
Water mixing valve.

Valve. E. F. Allen. 2,389,947; Nov. 27.
Valve. H. L. Beekley and R. H. Lacart. 2,373,654; Apr. 17.
Valve. J. D. Buchanan. 2,387,006; Oct. 16.
Valve. S. C. Carter. 2,391,126; Dec. 18.
Valve. H. D. Coulbourn. 2,376,124; May 15.
Valve. V., G., W., and M. Crevatin. 2,389,297; Nov. 20.
Valve. P. N. Curry. 2,390,642; Dec. 11.
Valve. H. G. Doster. 2,373,020; Apr. 3.
Valve. W. S. Du Charme. 2,368,206; Jan. 30.
Valve. P. G. Funk. 2,374,989; May 1.
Valve. S. Guarnaschelli. 2,374,195; Apr. 24.
Valve. F. Haberland. 2,388,406; Nov. 6.
Valve. L. S. Hamer. 2,389,194; Nov. 20.
Valve. W. C. Hess. 2,380,597; July 31.
Valve. G. I. Holmes. 2,387,792–3; Oct. 30.
Valve. G. A. Iler. 2,381,287; Aug. 7.
Valve. C. F. Johnson. 2,385,993; Oct. 2.
Valve. H. O. Johnson and M. O'Hare. 2,390,150; Dec. 4.
Valve. W. J. Kiene. 2,368,927; Feb. 6.
Valve. J. D. Langdon. 2,371,449; Mar. 13.
Valve. C. E. Laue. 2,374,690; May 1.
Valve. C. A. Martin. 2,373,324; Apr. 10.
Valve. J. D. Mattimore. 2,375,674; May 8.
Valve. C. A. Morgan. 2,376,975; May 29.
Valve. C. E. Nelson. 2,372,629; Mar. 27.
Valve. M. R. Rice. 2,370,115; Feb. 27.
Valve. H. N. Rider. 2,384,342; Sept. 4.
Valve. T. F. Saffady. 2,371,548; Mar. 13.
Valve. H. W. Sanford. 2,388,710; Nov. 13.
Valve. V. L. Tannehill. 2,386,726; Oct. 9.
Valve. R. R. Teichner. 2,378,596; June 19.
Valve actuating means. E. P. De Craene and R. Fennema. 2,370,604; Feb. 27.
Valve-actuating mechanism, Poppet. G. H. Peters. 2,378,726; June 19.
Valve actuating system. J. D. Buchanan. 2,387,007; Oct. 16.
Valve and operating mechanism therefor. W. T. Caldwell. 2,386,589; Oct. 9.
Valve and system, Safety shutoff. W. K. Dow. 2,372,190; Mar. 27.
Valve and the like, Selector, control. C. Le Bleu. 2,384,318; Sept. 4.
Valve and valve seat for internal-combustion engines, Poppet. W. R. Breeler and G. M. Butler, Jr. 2,380,821; July 31.
Valve and valve steel alloy. G. Charlton. 2,370,124; Feb. 27.
Valve apparatus. E. A. Rockwell. 2,388,220; Oct. 30.
Valve apparatus, Automatic blow-off. R. E. Miller. 2,385,151; Sept. 18.
Valve apparatus, Drain. R. M. Oliver. 2,367,605; Jan. 16.
Valve arrangement. W. H. Carrier. Re. 22,685; Oct. 30.
Valve assembly. G. R. Benz. 2,385,489; Sept. 25.
Valve assembly. J. F. Melichar. 2,383,983; Sept. 4.
Valve assembly. A. J. Penick. 2,376,619; May 22.
Valve assembly. D. A. Stark. 2,371,657; Mar. 20.
Valve assembly, Cylindrical. G. T. Downey. 2,375,033; May 8.
Valve assembly, Relief and by-pass. M. Caserta. 2,375,076; May 1.
Valve bonnet structure. E. F. Allen. 2,373,001; Apr. 3.
Valve closure member. D. G. Fawkes. 2,367,640; Jan. 16.
Valve compass system, Flux. O. E. Esval, R. S. Curry, C. F. Fragola, and L. F. Beach. 2,383,461; Aug. 28.
Valve construction. B. P. Baker and R. C. Cunningham. 2,384,787; Sept. 18.
Valve construction. H. T. Lambert. 2,366,412; Jan. 2.
Valve construction. A. Roberts. 2,389,000; Nov. 13.
Valve control, Fluid. J. L. Hudson. 2,389,667; Nov. 27.
Valve control for gas burners, Dual. G. Klein. 2,373,189; Apr. 10.
Valve control for hydraulic presses. G. B. Sayre. 2,381,776; Aug. 7.
Valve control for hydraulic presses, Automatic. G. B. Sayre. 2,376,624; May 22.
Valve control for internal-combustion engines. P. E. Barker. 2,391,380; Dec. 25.
Valve control for presses and the like. T. F. Stacy. 2,376,519; May 22.
Valve control means. O. Thiel. 2,369,870; Feb. 20.
Valve control means. O. Thiel. 2,384,213; Sept. 4.
Valve control mechanism. G. A. Waldie. 2,384,221; Sept. 4.
Valve cutoff. J. F. Kelly. 2,367,402; Jan. 16.
Valve device. E. E. Martin. 2,391,583; Dec. 25.
Valve device. C. D. Stewart. 2,376,521; May 22.
Valve device, Control. C. S. Kelley. 2,376,490; May 22.
Valve device, Control. C. S. Kelley. 2,389,058; Nov. 13.
Valve device, Electron beam. P. Nagy and M. J. Goddard. 2,370,255; Feb. 27.
Valve element. C. H. Lorig. 2,380,854; July 31.
Valve for automatic typewriters, Control. G. W. Carlson. 2,267,714; Jan. 23.
Valve for controlling the flow of liquids. J. A. Churchill. 2,377,537; June 5.
Valve for fire protective systems. L. M. Lewis. 2,377,947; June 12.
Valve for fluid-operated systems, Control. C. W. Mott. 2,381,553; Aug. 7.
Valve for gasoline burners, Automatic shutoff. W. H. Richards. 2,376,383; May 22.
Valve for hollow articles, Inflating. B. A. McDermott. 2,387,455; Oct. 23.
Valve for hollow inflatable articles. F. Fenton. 2,387,433; Oct. 23.
Valve for hydraulic control systems. H. C. Trich. 2,381,528; Aug. 7.
Valve for internal-combustion engines, compressors or the like. F. M. Aspin. 2,381,711; Aug. 7.
Valve for internal-combustion engines, Rotary. F. M. Aspin. 2,378,120; June 12.
Valve for machine tool control, Throttle. F. W. Curtis. 2,384,078; Sept. 4.
Valve for oiling systems, Flow restricting. E. W. Davis. 2,385,798; Oct. 2.
Valve for pneumatic tools. R. C. Wiles. 2,372,920; Apr. 3.
Valve for pneumatic tools. R. C. Wiles. 2,377,595; June 5.
Valve for pressure chambers. W. B. Peterson, Jr. 2,374,619; Apr. 24.
Valve for rock drills. W. E. Carr. 2,369,714; Feb. 20.
Valve for sandblasting, Control. W. P. Mott. 2,367,647; Jan. 16.
Valve for sprinkler systems. H. N. Rider. 2,389,817; Nov. 27.
Valve for steam radiators, Vent. F. Jehle and E. A. Davies. 2,368,712; Feb. 6.
Valve for storage tank roofs, Safety. J. O. Jackson. 2,370,040; Feb. 20.
Valve for washing machines and the like, Drain. L. M. Harvey. 2,382,562; Aug. 14.
Valve for work ejectors, Control. P. W. Schroder. 2,385,733; Sept. 25.

Valve gates, Refacing of. P. E. Wilcox. 2,383,755; Aug. 28.
Valve gear mechanism. E. A. Nix. 2,380,369; July 10.
Valve grinder. B. C. Aust. 2,373,283; Apr. 10.
Valve head, Resilient. T. J. Hoy. 2,381,541; Aug. 7.
Valve indicator. C. R. Stone. 2,367,651; Jan. 16.
Valve insert seat. R. E. Cummings. 2,369,025; Feb. 6.
Valveless engine. V. Pogioli. 2,390,169; Dec. 4.
Valve lifter. J. D. Smith. 2,374,508; Apr. 24.
Valve lock. E. A. Weinberg. 2,390,972; Dec. 11.
Valve mechanism. J. D. Buchanan. 2,387,008; Oct. 16.
Valve mechanism. L. A. Dickens. 2,381,651; Aug. 7.
Valve mechanism. E. Eger. 2,372,560; Mar. 27.
Valve mechanism. G. A. Petroe. 2,377,176; May 29.
Valve mechanism. E. J. Svenson. 2,388,716; Nov. 13.
Valve mechanism. C. V. Swearingen. 2,384,977; Sept. 18.
Valve mechanism, Acetylene generator. R. C. Pierson. 2,387,347; Oct. 23.
Valve mechanism, Automatic. C. M. Terry. 2,374,568; Apr. 24.
Valve mechanism, Automatic. C. M. Terry. 2,387,363–4; Oct. 23.
Valve mechanism, Fluid control. K. S. Clapp. 2,387,234; Oct. 23.
Valve mechanism for pressure cookers. A. R. Thompson. 2,389,330; Nov. 20.
Valve mechanism for spaghetti canning machines. G. M. Gillen. 2,389,901; Nov. 27.
Valve mechanism for steam engines. E. L. Camfield. 2,373,537; Apr. 10.
Valve mechanism, Steam trap. J. L. Ehretsman and R. W. Leutwiler. 2,370,296; Feb. 27.
Valve mechanism, Temperature-controlled. J. C. Shaw. 2,379,109; June 26.
Valve operating means. W. O. Stanton. 2,380,904; July 31.
Valve operating mechanism. E. E. Hilker. 2,383,549; Aug. 28.
Valve operating mechanism. G. W. Pentheny. 2,385,537; Sept. 25.
Valve operating mechanism. F. B. Yingling. 2,385,959; Oct. 2.
Valve operating system. D. G. Fawkes. 2,387,215; Oct. 16.
Valve piston. B. Pratt and C. J. Smith. 2,370,371; Feb. 27.
Valve position indicator. R F. Walker. 2,386,413; Oct. 9.
Valve positioner. C. B. Moore. 2,382,941; Aug. 14.
Valve refacing machine. D. S. C. Turner. 2,376,737; May 22.
Valve reseating tool. L. C. Shepler. 2,385,589; Sept. 25.
Valve retainer. R. Leppla. 2,389,522; Nov. 20.
Valve seat grinding tool. P. Weynand. 2,387,787; Oct. 30.
Valve seat ring. W. B. Griffith. 2,366,520; Jan. 2.
Valve stem. O. W. Hosking. 2,390,026; Nov. 27.
Valve stitching apparatus. E. D. George and M. Lammertse. 2,388,652; Nov. 6.
Valve structure. H. H. Lamar. 2,382,235; Aug. 14.
Valve structure, Ball cock. B. Svirsky. 2,390,134; Dec. 4.
Valve structure for locomotive boilers and the like, Emergency. W. F. Matson. 2,376,149; June 12.
Valve structure for storage tanks for volatile liquids, Relief. P. M. Elliott. 2,382,555; Aug. 14.
Valve structure for use on well casings and the like. I. A. Miller and M. M. Verheul. 2,375,432; May 8.
Valve tappet construction. H. E. Voorhies. 2,370,761; Mar. 6.
Valve unit. B. Baxter and S. M. Kandarian. 2,389,887; Nov. 27.
Valve with dual pilot valve control, Pressure reducing. D. G. Griswold. 2,368,981; Feb. 6.
Valve with linear characteristics, Flow regulating. A. C. D'Arcy. 2,374,336; Apr. 24.
Valved container. C. D. Thoms. 2,376,404; May 22.
Valves for current conversion, Operating vapor ionic. U. Lamm and J. Plöen. 2,386,322; Oct. 9.
Valves, Polishing hollow stem. A. T. Colwell. 2,373,459; Apr. 10.
Valves, Safety device for reducing. P. Spence. 2,370,110; Feb. 20.
Valves, Sealing rotary plug type. W. A. Fennell. 2,389,036; Nov. 13.
Vanadium and nickel from petroleum, Recovery of. M. C. K. Jones. 2,383,972; Sept. 4.
Vanadium, Recovery of. H. M. Noel. 2,372,109; Mar. 20.
Vane pump. W. R. Tucker and G. A. Waldie. 2,371,081; Mar. 6.
Vaned elements, Making. A. Y. Dodge. 2,387,722; Oct. 30.
Vanes, Centrifugal compressor diffuser. K. A. Browne. 2,372,880; Apr. 3.
Vanity case. L. Esterow. 2,368,918; Feb. 6.
Vapor and liquid contact device. J. M. Larsen. 2,391,464; Dec. 25.
Vapor and liquid contacting apparatus. A. W. Weitkamp. 2,375,336; May 8.
Vapor-arc device. E. G. F. Arnott. 2,367,556; Jan. 16.
Vapor-electric device. H. C. Myers. 2,372,104; Mar. 20.
Vapor-electric device. H. A. Rose. 2,370,075; Feb. 20.
Vapor-electric device. H. A. Rose and J. H. Cox. 2,387,946; Oct. 30.
Vapor expelling pump. M. L. Edwards. 2,368,530; Jan. 30.
Vapor generation. G. W. Kessler. 2,387,998; Oct. 30.
Vapor generator. J. Blizard. 2,367,193; Jan. 16.
Vapor generator. J. Blizard. 2,368,633; Feb. 6.
Vapor generator. J. Fletcher. 2,368,211; Jan. 30.
Vapor generator. M. Frisch. 2,366,718–20; Jan. 9.
Vapor generator. M. Frisch. 2,380,424; July 31.
Vapor phase extraction. C. L. Read. 2,391,104; Dec. 18.
Vapor pressure, Method and apparatus for control of. T. H. Whaley, Jr. 2,378,116; June 12.
Vapor separator. W. C. Oliver. 2,379,590; July 3.
Vapor treatment device. H. Spingler. 2,384,142; Sept. 4.
Vaporization, Method and apparatus for controlling. T. H. Whaley, Jr. 2,389,244; Nov. 20.
Vaporization of organic compounds. J. M. Weiss. 2,388,198; Oct. 30.
Vaporizer. M. E. Eustathopulo. 2,390,699; Dec. 11.
Vaporizer and burner, Oil. M. C. Jones. 2,381,289; Aug. 7.
Vaporizer, Automatic electric. S. Pargman. 2,379,034; June 26.
Vaporizer, Electric. M. Katzman. 2,387,155–6; Oct. 16.
Vaporizer for jet propulsion units, Fuel. K. K. Nahigyan. 2,385,833; Oct. 2.
Vaporizer, Fuel. W. J. Linn. 2,377,088; May 29.
Vaporizer, Incense. K. F. Riese. 2,376,622; May 22.
Vaporizing burner. R. W. De Lancey. 2,388,907–8; Nov. 13.
Vaporizing device. C. F. J. Dupuy. 2,383,960; Sept. 4.
Vaporizing insecticides and other liquids, Method and machine for. W. E. McCauley and C. W. Veach. 2,390,843; Dec. 11.
Vapors or gases with finely divided contact materials, Contacting. N. E. Peery. 2,386,169; Oct. 2.
Vapors, Separation of. T. W. Evans and R. C. Morris. 2,374,984; May 1.
Variable capacity compressor. C. R. Neeson. 2,369,841; Feb. 20.
Variable condenser. C. J. McDonough. 2,380,603; July 31.
Variable-delivery pump. T. W. Sprake. 2,369,867; Feb. 20.
Variable electrical resistor. S. Ruben. 2,375,178; May 1.
Variable frequency motor control system. E. C. Vrooman. 2,368,504; Jan. 30.
Variable grid circuit. J. W. Mann and G. F. Russell. 2,382,435; Aug. 14.
Variable indicator light cap. A. D. Dircksen, C. Bardwell, and J. C. Rose. 2,372,937; Apr. 3.
Variable load brake. S. G. Down and C. C. Farmer. 2,374,002; Apr. 17.
Variable load brake. S. G. Down and C. C. Farmer. 2,379,285; June 26.
Variable load brake. C. C. Farmer. 2,385,130; Sept. 18.
Variable load brake. C. S. Kelley. 2,367,586; Jan. 16.
Variable load brake. C. S. Kelley. 2,385,139; Sept. 18.
Variable load brake. R. E. Miller. 2,367,598; Jan. 16.
Variable load brake. R. M. Oliver. 2,374,036; Apr. 17.
Variable load brake. C. D. Stewart. 2,369,989; Feb. 20.
Variable load brake. H. I. Trambile. 2,374,053; Apr. 17.
Variable permeability tuning device. W. L. Carlson. 2,370,714; Mar. 6.
Variable pitch propeller. W. S. Hoover. 2,379,302; June 26.
Variable pressure drill feed. H. S. Hoffar. 2,375,991; May 15.
Variable reactance and control circuit therefor. M. G. Crosby. 2,368,643; Feb. 6.
Variable resistance device. G. H. Erb. 2,371,159; Mar. 13.
Variable resistance equalizer. L. Thompson. 2,369,088; Feb. 6.
Variable sensitivity control valve. R. R. Proctor. 2,380,705; July 31.
Variable-speed clutch. B. W. King. 2,374,866; May 1.
Variable speed drive, Series. W. R. Harding and S. H. Hanville, Jr. 2,376,770; May 22.
Variable speed governor. C. G. Abbot. 2,367,254; Jan. 16.
Variable speed governor. P. G. Kostenick. 2,369,397; Feb. 13.
Variable-speed hydraulic coupling. G. E. Bock. 2,387,230; Oct. 23.
Variable speed hydraulic coupling. K. Saito. 2,371,922; Mar. 20.
Variable-speed laundry machine. H. D. Brotman. 2,369,334; Feb. 13.
Variable speed phonograph drive. C. A. Pittman, Jr. 2,381,079; Aug. 7.
Variable-speed transmission. W. A. Duffield. 2,373,234; Apr. 10.
Variable-speed unit. P. B. Reeves. 2,387,609; Oct. 23.
Variable venturi type carburetor. M. J. Kittler. 2,367,507; Jan. 16.
Variable voltage control. J. G. Ivy. 2,383,971; Sept. 4.
Varnish base, Blown wrinkle. W. A. Waldie. 2,373,212; Apr. 10.
Vat and sulphur dyes, Oxidation of. G. P. Vincent and A. L. Dubeau. 2,382,188; Aug. 14.
Vat dyeing process. C. H. Brubaker. 2,371,145; Mar. 13.

Vat dyes from bis (9:9'-anthronylidene)-ethane, Manufacture of. J. W. Batty and D. A. Whyte. 2,385,185; Sept. 18.
Vat dyes, Textile printing with leuco ester salts of. B. Ratti and P. Brandt. 2,388,285; Nov. 6.
Vat, Liquid temperaturizing. F. J. McCullough. 2,388,003; Oct. 30.
Vault or safe. J. W. Mallonee. 2,378,492; June 19.
Vector resolving integrator. W. E. Oliphant. 2,390,613; Dec. 11.
Vegetable belt for kettles. A. Giordano. 2,377,548; June 5.
Vegetable cutter. C. I. Curtice. 2,374,851; May 1.
Vegetable cutter. V. von Bültzingslöwen. 2,367,653; Jan. 16.
Vegetable cutter. J. P. Whann. 2,376,408; May 22.
Vegetable materials, Blanching. A. E. Wigelsworth. 2,373,521; Apr. 10.
Vegetable root washer. A. G. Suelflow. 2,370,504; Feb. 27.
Vegetables to remove unwanted particles therefrom, Method and apparatus for treating. W. S. Boynton. 2,380,498; July 31.
Vehicle: *See*—
Agricultural vehicle.
Air propelled vehicle.
Air vehicle.
Amphibious vehicle.
Automotive vehicle.
Child's folding vehicle.
Child's vehicle.
Combat vehicle.
Combination combat and construction vehicle.
Dual vehicle.
Dual wheeled vehicle.
Laundry vehicle.
Military vehicle.
Motor vehicle.
Railway vehicle.
Six wheel motor vehicle.
Tandem axle vehicle.
Toy vehicle.
Trailer vehicle.
Transport vehicle.
Waterproofed combat vehicle.
Vehicle. W. F. Brumfield. 2,377,309; June 5.
Vehicle. S. C. Carter. 2,384,441; Sept. 11.
Vehicle. J. H. Crumble. 2,384,728; Sept. 11.
Vehicle. A. Dabrasky. 2,370,639; Mar. 6.
Vehicle. B. W. Keese and C. A. Blair. 2,384,471; Sept. 11.
Vehicle. C. J. E. Rydh. 2,367,142; Jan. 9.
Vehicle. H. W. Wallace. 2,371,368; Mar. 13.
Vehicle and jack lifting connection, Motor. F. W. Coffing. 2,378,835–6; June 19.
Vehicle body. T. Ulrich. 2,383,029; Aug. 21.
Vehicle body. T. Ulrich. 2,386,280; Oct. 9.
Vehicle body construction. E. Komenda. 2,388,419; Nov. 6.
Vehicle body construction. F. M. Reid. 2,384,965; Sept. 18.
Vehicle body construction. G. Trautvetter. 2,382,923; Aug. 14.
Vehicle body, Insulated. R. H. Moore. 2,381,981; Aug. 14.
Vehicle body structure. H. A. Hicks, I. E. Johnson, and A. W. Ross. 2,380,523; July 31.
Vehicle brake. R. C. Hoyt. 2,385,812; Oct. 2.
Vehicle brake. E. H. Nilsson. 2,384,257; Sept. 4.
Vehicle brake. F. Scott. 2,382,180; Aug. 14.
Vehicle brake control. A. R. K. Diurson. 2,369,543; Feb. 13.
Vehicle construction. R. F. Thornton. 2,378,810; June 19.
Vehicle coupler. K. C. Clark. 2,386,195; Oct. 9.
Vehicle coupling. C. Polstra. 2,377,368; June 5.
Vehicle direction indicating signal. F. B. Stober. 2,385,310; Sept. 18.
Vehicle door lock handle. F. W. Crew. 2,367,337; Jan. 16.
Vehicle drive mechanism. E. S. MacPherson. 2,383,873; Aug. 28.
Vehicle for children. P. M. Ressinger. 2,388,441; Nov. 6.
Vehicle frame. W. C. Hess and S. Glueck. 2,370,726; Mar. 6.
Vehicle frame. E. L. Moeller. 2,374,878; May 1.
Vehicle frame and wheel suspension, Resiliently articulated. B. Barényi and K. Wilfert. 2,374,911; May 1.
Vehicle headlight control. F. B. Hale. 2,376,769; May 22.
Vehicle headlight control. R. D. Moore. 2,375,677; May 8.
Vehicle heater. J. Galamb and T. L. Hibbard. 2,391,408; Dec. 25.
Vehicle indicator. L. G. Hunter. 2,368,547; Jan. 30.
Vehicle jack. R. V. Baker. 2,381,199; Aug. 7.
Vehicle jack. J. W. Scane. 2,383,275; Aug. 21.
Vehicle landing gear. D. E. Willis. 2,381,529; Aug. 7.
Vehicle rack. C. A. Dougherty. 2,370,019; Feb. 20.
Vehicle signal. J. James. 2,386,120; Oct. 2.
Vehicle signal. M. L. Moore. 2,384,689; Sept. 11.
Vehicle signal light. H. L. Hicks. 2,377,419; June 5.
Vehicle spring. C. J. Holland. 2,387,264; Oct. 23.
Vehicle spring suspension. D. F. Bailey. 2,387,732; Oct. 30.
Vehicle spring suspension. J. A. Bombardier. 2,367,456; Jan. 16.
Vehicle stabilizer. L. E. Hicks. 2,380,309; July 10.
Vehicle stabilizing arrangement. H. A. and G. H. Wagner. 2,375,264; May 8.
Vehicle structure. L. W. Helmuth. 2,389,907; Nov. 27.
Vehicle structure, especially tonneau bottom structure. T. Ulrich. 2,370,211; Feb. 27.
Vehicle structure, especially vehicle front end structure. E. J. Deisley, T. Ulrich, and A. R. Lindsay. 2,380,031; July 10.
Vehicle suspension. R. W. Brown. 2,367,817; Jan. 23.
Vehicle suspension. R. N. Janeway. 2,384,925; Sept. 18.
Vehicle suspension. C. J. Holland. 2,387,266; Oct. 23.
Vehicle track construction. C. E. Sorensen and L. S. Sheldrick. 2,391,524; Dec. 25.
Vehicle transmission control, Motor. C. R. Paton. 2,366,254; Jan. 2.
Vehicle turn indicator. A. W. Rohlen. 2,372,395; Mar. 27.
Vehicle washing apparatus. L. D. Holmes. 2,381,054; Aug. 7.
Vehicle with load regulated tow bar, Trailer. J. J. Black. 2,385,253; Sept. 18.
Vehicles for application of ceramic colors. A. J. Deyrup. 2,379,507; July 3.
Vehicles, Imparting buoyancy to. N. Straussler. 2,390,747; Dec. 11.
Vehicles, Loading and unloading. F. C. Pethick. 2,385,025; Sept. 18.
Vehicles or emulsions, Medicament. M. B. Crowe. 2,381,262; Aug. 7.
Velocipede, Convertible. J. Woginrich. 2,390,484; Dec. 4.
Velocity-compensated control mechanism. C. R. Hanna. 2,385,204; Sept. 18.
Velocity of movement of the breech block in automatic guns, varying the. J. Vesely. 2,389,095; Nov. 13.
Vending apparatus. F. L. Robison. 2,371,845; Mar. 20.
Vending device. N. Michelini. 2,370,743; Mar. 6.
Vending machine. B. A. Babel. 2,382,197; Aug. 14.
Vending machine. J. B. Brock. 2,369,882; Feb. 20.
Vending machine. F. C. Burge. 2,378,284; June 12.
Vending machine. A. A. Cheechoo. 2,370,230; Feb. 27.
Vending machine. J. R. Clem. 2,376,960; May 29.
Vending machine. B. W. Fry. 2,377,413; June 5.
Vending machine. E. W. Handley. 2,384,089; Sept. 4.
Vending machine. W. A. Harris. 2,366,390; Jan. 2.
Vending machine. W. W. Higham. 2,390,535; Dec. 11.
Vending machine. C. F. Pease. 2,388,497; Nov. 6.
Vending machine. C. J. Warren. 2,370,276; Feb. 27.
Vending machine, Drop plate. N. J. Lamendola. 2,386,123; Oct. 2.
Vending machine, Electric selective drink. E. H. Thompson and L. W. Doggett. 2,376,403; May 22.
Vending machine mechanism. C. A. Melchert. 2,371,343; Mar. 13.
Vending machine, Newspaper. D. D. Cameron. 2,382,950; Aug. 21.
Vending machine, Selectively operable. W. D. Young and W. A. Harris. 2,379,208; June 26.
Veneer joining machine. R. W. Irwin and C. M. Herz. 2,371,331; Mar. 13.
Veneer, Machine for cutting. G. and J. Colucci, Jr. 2,379,682; July 3.
Veneer press. V. Bendix. 2,390,684; Dec. 11.
Veneer strip, coils thereof, and preparing same. P. R. Goldman. 2,388,479; Nov. 6.
Veneers, Edge gluing wood. H. D. Pfenning. 2,378,244; June 12.
Venetian blind. W. M. Dunn. 2,374,591; Apr. 24.
Venetian blind. C. J. Van Buren. 2,385,391; Sept. 25.
Venetian blind slats, Method of and apparatus for forming. A. B. Wilson. 2,370,215; Feb. 27.
Venetian blind tilter. J. Nisenson. 2,391,500; Dec. 25.
Vent device, Nonspill. A. B. Vieth. 2,374,513; Apr. 24.
Vent plug. H. A. Cohen. 2,376,123; May 15.
Ventilated electromagnetic device. C. Lynn. 2,381,297; Aug. 7.
Ventilated shipping box. L. V. Singley. 2,375,700; May 8.
Ventilating apparatus for toilet hoppers. H. P. Wheeler. 2,380,891; July 31.
Ventilating system. G. S. Dauphinee. 2,369,119; Feb. 13.
Ventilating system, Closet. R. H. Bloxham. 2,386,949; Nov. 13.
Ventilating system for motion picture projectors. K. Brenkert. 2,378,682; June 19.
Ventilation apparatus, Forced. E. A. Mader. 2,383,003; Aug. 21.
Ventilator. J. M. Guthrie. 2,373,824; Apr. 17.
Ventilator. F. R. Kelley. 2,368,143; Jan. 30.
Ventilator. W. A. Norris. 2,368,320; Jan. 30.
Ventilator. H. T. Paiste, Jr. 2,373,496–7; Apr. 10.
Ventilator. H. W. Trost. 2,378,518; June 19.
Ventilator. E. L. Wiseman. 2,367,454; Jan. 16.
Ventilator and mechanism for operating same. W. J. Woodhams. 2,372,164; Mar. 20.
Ventilator, Cowl. T. Ulrich. 2,367,904; Jan. 23.
Ventilator, Extractor. B. D. Hughes and E. L. Ford. 2,379,638; July 3.
Ventilator, Knockdown. A. E. Waterman and F. J. Kreutzer. 2,376,642; May 22.
Ventilator, Railroad car. J. P. Malloy. 2,367,231; Jan. 16.
Ventilator, Ridge roll. W. A. Moore. 2,388,759; Nov. 13.
Ventilator, Sash. E. J. Coffed. 2,376,230; May 15.
Ventilator, Window. D. S. Funk. 2,388,734; Nov. 13.
Venting means. I. O. Miner. 2,386,874; Oct. 16.
Venturi gas line coupling. S. T. Howard. 2,374,206; Apr. 24.

Vermiculite bonded product and making the same. L. J. Casmire. 2,366,769; Jan. 9.
Vertical blow unit heater. W. H. Miller. 2,370,181; Feb. 27.
Vertical self-priming pump. H. E. La Bour. 2,381,824; Aug. 7.
Vertical turret machine tool. R. L. Bazley and W. E. De Voe. 2,389,019; Nov. 13.
Vessel combination, Multiple. M. Glaser. 2,374,092; Apr. 17.
Vessel connections, Forming lined pressure. G. D. Ebbets. 2,381,890; Aug. 14.
Vessel construction, Prefabricated. H. Lee. 2,371,964; Mar. 20.
Vessel, Electron discharge. H. A. De Phillips. 2,373,661; Apr. 17.
Vessel for high temperature service, metallic. C. L. Norton, Jr. 2,373,845; Apr. 17.
Vessel for providing shower baths. G. W. Nelson. 2,367,599; Jan. 16.
Vessel for submarine navigation. W. J. Osterhoudt. 2,377,442; June 5.
Vessel, High-pressure. H. C. Stearns. 2,372,800; Apr. 3.
Vessel, High-pressure. H. C. Stearns. 2,376,831; May 22.
Vessel, Pressure. J. W. Overbeke. 2,390,319–20; Dec. 4.
Vessel, Quenching. R. M. Gibson. 2,374,535; Apr. 24.
Vessel, Sectional. P. P. Smith. 2,369,615; Feb. 13.
Vessel, Steam treatment. A. Brandes. 2,379,062; June 26.
Vessels, Manufacture of double walled. R. W. Tibbetts. 2,368,273; Jan. 30.
Vestibule structure for railway cars, Diaphragm. W. M. Keller. 2,385,138; Sept. 18.
Vibrating conveyer gate. A. J. Sample. 2,386,717; Oct 9.
Vibrating or pulsating machine, Fluid operated. R. Burt. 2,378,979; June 26.
Vibration analyser. D. MacKenzie. 2,377,349; June 5.
Vibration isolation. S. H. Hahn. 2,383,645; Aug. 28.
Vibration pickup. H. Carson. 2,387,223; Oct. 16.
Vibration-translating device. K. J. Germeshausen. 2,380,514; July 31.
Vibrator, Electromagnetic. C. S. Weyandt. 2,380,622; July 31.
Vibratory separator. J. M. R. Wiesbach. 2,367,478; Jan. 16.
View finder for cameras, Adjustable. P. F. Sperry and P. F. and J. Briskin. 2,377,521; June 5.
Viewer. W. O. Schwartz, and G. B. Schwartz. 2,377,109; May 29.
Viewer with magazine feed for color transparencies and the like. R. E. McClure. 2,377,021; May 29.
Viewing device. E. J. Quinby. 2,384,259; Sept. 4.
Viewing device for cathode ray tube screens and the like. G. Zindel, Jr. 2,386,203; Oct. 30.
Viewing system. E. E. Jelley and H. C. Staehle. 2,380,241; July 10.
Vinegar, Manufacture of. E. J. B. Knebel. 2,390,717; Dec. 11.
Vinylacetylene purification. C. K. Buell. 2,382,603; Aug. 14.
Vinyl aromatic compounds, Modified polymerization of. E. C. Britton and W. J. Le Fevre. 2,371,499; Mar. 13.
Vinyl aromatic polymer and hydrogenated vinyl aromatic polymer, Solid solution of. H. P. Heller. 2,384,619; Sept. 11.
Vinyl aromatics, Manufacture of. G. Egloff. 2,383,179; Aug. 21.
Vinylaromatics, Manufacture of. C. L. Thomas. 2,376,734; May 22.
Vinyl chloride, Synthesis of. W. A. Lazier and G. M. Whitman. 2,391,465; Dec. 25.
Vinyl chloride-vinylidene chloride copolymers, Stabilization of. L. E. Cheney. 2,367,483; Jan. 16.
Vinyl compounds and polymers therefrom. D. D. Coffman. 2,374,078; Apr. 17.
Vinyl compounds, Plasticized. G. F. D'Alelio. 2,378,753; June 19.
Vinyl compounds, Polymerization of. H. P. Staudinger, K. H. W. Tuerck, and C. A. Brighton. 2,381,561; Aug. 7.
Vinyl esters in emulsion, Polymerization of. M. Kiar. 2,388,602; Nov. 6.
Vinyl esters, Polymerization of. H. M. Collins. 2,388,601; Nov. 6.
Vinyl halides, Polymerization of. C. H. Alexander and H. Tucker. 2,366,306; Jan. 2.
Vinyl halides, Production of. H. M. Stanley and J. E. Youell. 2,374,237; Apr. 24.
Vinyl resin compositions. M. M. Safford. 2,369,985; Feb. 20.
Vinyl resin textiles, Antistatic treatment of. B. G. Wilkes and W. A. Denison. 2,381,020; Aug. 7.
Viscometer. K. Demb. 2,382,979; Aug. 21.
Viscose, Concentration of. F. B. Cramer. 2,369,718; Feb. 20.
Viscose production. P. H. Schlosser and K. R. Gray. 2,373,712; Apr. 17.
Viscosimeter. B. F. McNamee. 2,378,491; June 19.
Viscous solutions of vegetable globulins. R. H. K. Thomson. 2,381,088; Aug. 7.
Vise. L. C. Galorneau. 2,371,435; Mar. 13.
Vise. W. Haas. 2,387,991; Oct. 30.
Vise. J. Jesionowski. 2,370,042; Feb. 20.
Vise. M. E. Wallis. 2,387,102; Oct. 16.
Vise, Fluid-operated work-holding. S. F. Burgoine and H. E. Elsden. 2,382,958; Aug. 21.
Vise, Universal. H. C. Stoll. 2,383,170; Aug. 21.
Vise, Watch and jewelers'. C. B. Greenberg. 2,366,519; Jan. 2.
Vision device, Protective. D. J. Crawford and J. M. Colby. 2,374,665; May 1.
Visor, Automobile window. G. W. Schatzman and A. P. Fergueson. 2,389,002; Nov. 13.
Visor, Light. G. C. Ward. 2,385,557; Sept. 25.
Visors for uniform caps, Making. E. J. Biel. 2,369,275; Feb. 13.
Visual acuity testing means. F. W. Jobe. 2,385,992; Oct. 2.
Visual fluid flow indicator. L. R. Olsen. 2,387,805; Oct. 30.
Visual indicating system. L. F. Mayle. 2,378,857; June 19.
Visual photographic exposure meter. K. Rath. 2,379,103; June 26.
Visualizer, Foot. A. S. Cameron. 2,382,131; Aug. 14.
Vitamin A containing preparation and the manner of its production. B. T. Sokoloff. 2,375,501; May 8.
Vitamin A derivatives and making same. N. A. Milas. 2,369,159; Feb. 13.
Vitamin A, Making. N. A. Milas. 2,369,156; Feb. 13.
Vitamin A, Synthesis of. N. A. Milas. 2,369,158; Feb. 13.
Vitamin A, Synthesis of. N. A. Milas. 2,369,160–8; Feb. 13.
Vitamin A, Synthesis of ethers of. N. A. Milas. 2,369,157; Feb. 13.
Vitamin B concentrates, Preparation of. H. B. Colman. 2,369,775; Feb. 20.
Vitamin B concentrates, Treating. A. Arnold and C. B. Schreffler. 2,390,679; Dec. 11.
Vitamin C, Extracting. R. Yamamoto and T. Hara. 2,383,902; Aug. 28.
Vitamin composition and obtaining same. H. C. Parke and E. J. Lawson. 2,367,791; Jan. 23.
Vitamin concentrate, Manufacturing a. R. E. Meade, H. L. Pollard, and N. E. Rodgers. 2,369,680; Feb. 20.
Vitamin concentrates, Preparation of highly potent. L. O. Buxton. 2,370,470–1; Apr. 24.
Vitamin concentrates, Production of. L. O. Buxton. 2,380,409; July 31.
Vitamin concentration, Fat-soluble. L. O. Buxton. 2,380,414; July 31.
Vitamin-containing materials, Treatment of fat-soluble. B. A. Dombrow. 2,380,418; July 31.
Vitamin E or tocopherol, Preparation of. J. D. Cawley. 2,375,078; May 1.
Vitamin ester concentration process, Fat-soluble. L. O. Buxton. 2,380,410; July 31.
Vitamin fortified product. L. O. Buxton. 2,375,278; May 8.
Vitamin intermediate, Preparation of. E. J. Lawson and H. C. Parke. 2,372,092; Mar. 20.
Vitamin K compounds and obtaining same. E. A. Doisy, D. W. MacCorquodale, S. A. Thayer, S. B. Binkley, and R. W. McKee. 2,373,105; Apr. 10.
Vitamin product and manufacture. P. D. V. Manning and E. Trone. 2,379,596; July 3.
Vitamin product, Fat-soluble. L. O. Buxton and A. E. Briod. 2,375,279; May 8.
Vitreous coatings, Forming. F. O. Hess. 2,388,611; Nov. 6.
Vitreous compositions consisting of oxides of alkali metal, phosphorous, and other selected divalent metal. C. S. King. 2,370,472; Feb. 27.
Vitrified grinding wheels. L. Coes, Jr. 2,377,995; June 12.
Volatile organic material, Removing. W. A. Fessler. 2,381,658; Aug. 7.
Voltage changing circuit. W. W. Garstang. 2,384,829; Sept. 18.
Voltage converter system. H. E. Thomas. 2,373,275; Apr. 10.
Voltage detector, High or low. C. S. Knowlton. 2,387,509; Jan. 16.
Voltage divider, Variable. E. W. Bisson. 2,386,651; Oct. 9.
Voltage drop calculator. H. Schaevitz. 2,379,931; July 10.
Voltage equipment, Series variable. W. R. Harding and S. H. Hanville, Jr. 2,379,150; June 26.
Voltage generator. R. W. Sanders. 2,387,685; Oct. 23.
Voltage indicator. G. F. Elston. 2,366,320; Jan. 2.
Voltage limiting circuit. J. R. Boykin. 2,373,997; Apr. 17.
Voltage modifying circuit. W. W. Garstang. 2,384,830; Sept. 18.
Voltage multiplier. W. W. Garstang. 2,384,831; Sept. 18.
Voltage regulating system. C. F. J. Boehlen and M. A. Biske. 2,381,715; Aug. 7.
Voltage regulating system. C. R. Hanna. 2,374,012; Apr. 17.
Voltage regulation. J. A. Potter and D. E. Trucksess. 2,377,370; June 5.
Voltage regulation. D. E. Trucksess. 2,373,208; Apr. 10.
Voltage regulation for rectifiers. C. W. Faulkner. 2,373,750; Apr. 17.

Voltage regulator. D. E. Garr. 2,378,765; June 19.
Voltage regulator. W. C. Grabau. 2,367,210; Jan. 16.
Voltage regulator. W. C. Grabau. 2,390,214; Dec. 4.
Voltage regulator. L. L. Johnson. 2,377,500; June 5.
Voltage regulator. W. W. Johnston and R. H. Howe. 2,373,119; Apr. 10.
Voltage regulator. E. O. Keizer. 2,372,432; Mar. 27.
Voltage regulator. H. Klemperer. 2,383,492; Aug. 28.
Voltage regulator. R. H. Preston. 2,388,996; Nov. 13.
Voltage regulator. E. O. Thompson. 2,376,873; June 19.
Voltage regulator. A. Toelle and C. R. Salet. 2,391,526; Dec. 25.
Voltage regulator circuit. R. V. Little, Jr. 2,376,438; May 22.
Voltage regulator circuit. T. T. Short. 2,367,625; Jan. 16.
Volume and selectivity control device, Combined. A. D. Zappacosta. 2,388,590; Nov. 6.
Volume control. W. R. Koch. 2,367,357; Jan. 16.
Volume control, Automatic air. A. P. Ruth. 2,384,770; Sept. 11.
Volume control device. L. A. Kempton. 2,386,051; Oct. 2.
Volume control for recorder amplifiers, Automatic. O. S. Petty. 2,367,049; Jan. 9.
Volume control, Tone compensated. D. E. Sunstein. 2,388,505; Nov. 6.
Volume expander. G. Gadbois. 2,375,298; May 8.
Volume limiter circuit. P. G. Wulfsberg. 2,372,243; Mar. 27.
Volumeter. D. C. Holmes and L. V. Guild. 2,371,995; Mar. 20.
Volumetric measuring machine. J. F. Johnson, Jr. 2,367,031; Jan. 9.
Vortex separator apparatus for treating paper pulp. H. E. B. Scott. 2,375,826; May 15.
Vulcanizates of furylethylene polymers. C. J. Mighton. 2,390,446; Dec. 4.
Vulcanization product, Specialized. J. W. Church. 2,369,434; Feb. 13.
Vulcanization with diaryl guanidine addition products. A. R. Davis. 2,390,036; Nov. 27.
Vulcanizer, Combination spot. J. C. Heintz. 2,370,241; Feb. 27.
Vulcanizer, Footwear. L. J. Larkin, G. A. Larkin, and J. J. Regan. 2,385,628; Sept. 25.
Vulcanizer, Tire repair. T. P. Bacon. 2,366,308; Jan. 2.
Vulcanizing agent. F. E. King. 2,381,063; Aug. 7.
Vulcanizing apparatus. A. Ridd. 2,383,685; Aug. 28.
Vulcanizing chamber, Reflective. H. Pfleumer. 2,377,177; May 29.
Vulcanizing mold. R. W. Brown. 2,381,395; Aug. 7.
Vulcanizing press. C. Iverson. 2,374,099; Apr. 17.
Wad. W. L. Finlay. 2,377,683; June 5.
Waffle iron. R. N. Dickey. 2,376,585; May 22.
Waffle iron. H. A. Michaelis. 2,383,331; Aug. 21.
Walker, Invalid. S. Duke. 2,374,182; Apr. 24.
Walking push toy. E. F. Donovan. 2,378,289; June 12.
Wall. D. L. Gent. 2,367,392; Jan. 16.
Wallboard construction. H. A. Hauptli. 2,391,052; Dec. 18.
Wallboard, Method and apparatus for making. W. G. Brubacher. 2,370,393; Feb. 27.
Wall cabinet. N. B. Wales. 2,382,354; Aug. 14.
Wall construction, Heat-resisting. H. C. Thayer. 2,384,859; Sept. 18.
Wall connection for collapsible container. P. Zalkind. 2,372,806; Apr. 3.
Wall construction. G. W. Du Laney. 2,387,431; Oct. 23.
Wall construction. W. S. Miles and P. A. Voigt. 2,369,505; Feb. 13.
Wall construction. J. Page. 2,369,000; Feb. 6.
Wall construction. C. S. Strom. 2,368,620; Feb. 6.
Wall construction. R. D. Wells. 2,371,201; Mar. 13.
Wall construction and fastener therefor. W. S. Miles and P. A. Voigt. 2,391,792; Dec. 25.
Wall construction for heaters. W. C. Hensel. 2,389,622; Nov. 27.
Wall covering. C. M. MacChesney. 2,373,039; Apr. 3.
Wall flame type burner. R. M. Sherman. 2,388,502; Nov. 6.
Wall, Fluid cooled. J. E. Trainer. 2,391,108; Dec. 18.
Wall for marine vessels. H. E. Somes. 2,376,517; May 22.
Wall form, Concrete. W. W. Herring. 2,387,445; Oct. 23.
Wall form tie. A. M. Kinninger. 2,370,174; Feb. 27.
Wall, Furnace. R. Shellenberger and F. X. Gilg. 2,368,265; Jan. 30.
Wall, Hollow building. W. Reichert, P. S. Pedersen, and P. E. Price. 2,366,752; Jan. 9.
Wall or ceiling covering. L. F. Urbain. 2,382,456; Aug. 14.
Wall or table mirror. S. J. Winslow. 2,368,959; Feb. 6.
Wallpaper cutting, pasting, and folding machine. E. E. Belch. 2,373,644; Apr. 17.
Wallpaper removing device. R. J. McMenamy. 2,377,949; June 12.
Wallpaper roll. W. H. Yates and Le R. W. Staunton. 2,388,637; Aug. 28.
Wall production equipment. K. A. Wright. 2,374,317; Apr. 24.
Wall, Railway car. J. S. Swann. 2,382,519; Aug. 14.
Wall section, Structural. G. W. Du Laney. 2,387,432; Oct. 23.
Wall structure. G. W. Baker and N. Nelsson. 2,370,769; Mar. 6.
Wall structure. J. S. Swann. 2,390,472; Dec. 4.
Wall structure for tanks. H. L. Halbach. 2,377,080; May 29.
Wall structure having anchored architectural facing. R. H. Turk. 2,370,594; Feb. 27.
Wall unit for sectional buildings. R. O. Sheldon. 2,369,373; Feb. 13.
Walls, Constructing. V. A. Hamilton. 2,375,648; May 8.
Wallet. P. Florin. 2,366,849; Jan. 9.
Wallet. E. C. Renz. 2,366,875; Jan. 9.
Wardrobe and cabinet, Combination. J. Pezzano. 2,375,581; May 8.
Wardrobe, Knockdown collapsible. C. Rosenthal. 2,381,464; Aug. 7.
Warmer, Bed. E. Bagnall. 2,378,821; June 19.
Warning device, Automobile speed. L. J. Vanke. 2,381,390; Aug. 7.
Warning device for marine vessels, Drift and shoal-water. B. F. Kehrer. 2,369,054; Feb. 6.
Warning systems, Air raid. R. A. Mitchell and C. M. Hines. 2,381,224; Aug. 7.
Warp let-off device. A. Moessinger. 2,375,316; May 8.
Warp regulator. J. K. Dudley. 2,370,022; Feb. 20.
Warp tying machine. C. B. Crandall. 2,369,536; Feb. 13.
Warping machine. T. E. Carlson. 2,382,465; Aug. 14.
Warping machine. G. Wiggermann. 2,382,760; Aug. 14.
Warping or beaming machine. F. Lambach. 2,388,269; Nov. 6.
Washbasin and urinal. F. F. Eckhardt, E. H. Pearson, and A. W. Albertine. 2,375,090; May 1.
Washbox. O. M. Tweit. 2,373,519; Apr. 10.
Wash fountain. H. G. Mullett and E. D. Wachter, Jr. 2,378,424; June 19.
Washer: *See*—
Air washer.
Assembled screw and lock washer.
Back washer.
Hydraulic packing washer.
Lock washer.
Sample washer.
Vegetable root washer.
Washer. E. J. Beede and N. G. Monsarrat. 2,370,285; Feb. 27.
Washer and cotter pin lock. J. D. Dilley. 2,391,140; Dec. 18.
Washer and nut securing device, Slip-on interlocking. F. L. Roza. 2,374,309; Apr. 24.
Washer for eggs or the like. W. J. Reading. 2,374,500; Apr. 24.
Washer with oscillating tub, Fluid agency clothes. W. Rocke. 2,380,872; July 31.
Washers with screw-threaded fasteners, Method and machine for assembling. O. J. Poupitch. 2,390,121; Dec. 4.
Washing machine. J. G. De Remer. 2,372,760–70; Apr. 3.
Washing machine. G. W. Dunham. 2,380,732; July 31.
Washing machine. G. W. Dunham. 2,383,783; Aug. 28.
Washing machine. A. H. Haberstump. 2,389,774; Nov. 27.
Washing machine. M. M. Jackson. 2,373,961; Apr. 17.
Washing machine. C. A. Lindemann. 2,391,718; Dec. 25.
Washing machine. D. A. Meeker. 2,380,059; July 10.
Washing machine. L. Palmieri. 2,368,563; Jan. 30.
Washing machine. G. O. Thaxton. 2,374,247; Apr. 24.
Washing machine. D. D. Wallace. 2,380,090; July 10.
Washing machine control. G. W. Dunham. 2,374,590; Apr. 24.
Washing machine drive. J. Oakley. 2,387,283; Oct. 23.
Washing machine drive. J. Oakley. 2,388,175–6; Oct. 30.
Washing mechanism. H. D. Lathrop and E. E. Hageline. 2,369,358; Feb. 13.
Waste and overflow fitting. L. Bloch. 2,374,642; May 1.
Waste-collecting system for rotary cutters. E. W. Stacey. 2,371,321; Mar. 13.
Waste cutter. M. L. Hudson. 2,384,031; Sept. 4.
Waste heat boiler. L. C. Huff. 2,373,564; Apr. 10.
Waste heat boiler. J. S. Wallis and J. W. Throckmorton. 2,372,992; Apr. 3.
Waste pipe trap. J. W. Richards. 2,382,912; Aug. 14.
Waste reclamation. G. B. Rolfsen. 2,386,267; Oct. 9.
Waste waters, Purifying oil field. R. D. Pomeroy. 2,378,325; June 12.
Watch. N. Caldara. 2,380,215; July 10.
Watch. E. W. Drescher. 2,372,771; Apr. 3.
Watch and clock regulator. L. M. Campau. 2,380,292; July 10.
Watch assembly. J. J. Kappes. 2,366,196; Jan. 2.
Watchcase. W. Schmitz. 2,385,234; Sept. 18.
Watchcase wrench. C. A. Burns. 2,389,954; Nov. 27.
Watch crown for waterproof watches. C. B. Greenberg. 2,377,625; June 5.
Watch, Waterproof. E. Kupchick. 2,382,728; Aug. 14.
Water and like cooler. W. M. Greene. 2,377,296; May 29.
Water and oil cooler. J. F. Belaieff. 2,381,251; Aug. 7.
Water column, Railway. J. T. McGarry and H. A. Eads. 2,368,994; Feb. 6.
Water conditioner. H. G. Hubert. 2,371,444; Mar. 13.
Water, Conditioning. L. O. Gunderson. 2,366,727; Jan. 9.

Water containing chloride dissolved therein, Treatment of. H. D. Meincke, Jr. 2,374,116; Apr. 17.
Water containing chlorides and sodium dissolved therein, Treatment of. H. D. Meincke, Jr. 2,391,258; Dec. 18.
Watercraft. J. V. Golden. 2,377,143; May 29.
Water distillation. F. Nettel and J. Kreitner. 2,372,846; Apr. 3.
Water distilling device, Salt. J. De Stefano. 2,383,294; Aug. 21.
Water evacuation system in tangential driers. A. Williams. 2,368,509; Jan. 30.
Water filter. A. R. Hallenius and F. F. Feese. 2,372,570; Mar. 27.
Water for drinking purposes, Sterilization of. J. A. Camelford. 2,374,805; May 1.
Water from saline solutions, Production of potable. R. S. Dean. 2,366,184; Jan. 2.
Water gas and producer gas generator. N. H. Williams. 2,369,628; Feb. 13.
Water gauge. R. Rasmussen. 2,369,798; Feb. 20.
Water heater. W. Brandl. 2,369,526; Feb. 13.
Water heater apparatus. E. K. Clark. 2,379,398; June 26.
Water heater control system. H. M. Biebel. 2,379,675; July 3.
Water heater control system. C. M. Osterheld. 2,367,370; Jan. 16.
Water heater control system. C. M. Osterheld. 2,382,575; Aug. 14.
Water heater control system. C. M. Osterheld. 2,383,675; Aug. 28.
Water heater control system and thermal retarder therefor. C. M. Osterheld. 2,371,258; Mar. 13.
Water heating apparatus. E. G. Pankow. 2,380,545; July 31.
Water heating system. C. M. Osterheld. 2,377,440; June 5.
Water lock. E. H. Markwart. 2,371,339; Mar. 13.
Water, Method and apparatus for treating. J. P. Lawlor. 2,376,543; May 22.
Water, Method and apparatus for treating. J. P. Lawlor. 2,382,490; Aug. 14.
Water mixing valve. A. Von Wangenheim. 2,381,146; Aug. 7.
Water-power wheel. J. Y. Robertson. 2,384,698; Sept. 11.
Waterproofed combat vehicle. A. J. Scaife. 2,390,557; Dec. 11.
Waterproofing inorganic hydrous oxide bodies, and product. E. A. Hauser. 2,383,647; Aug. 28.
Waterproofing product and making it, Permanent. R. A. Pingree. 2,386,631; Oct. 9.
Water purification system. J. D. Walker. 2,368,055; Jan. 23.
Water-purifying and softening device. R. S. Moore. 2,368,035; Jan. 23.
Water rectification. M. Lurie. 2,367,228; Jan. 16.
Water-repellency agents and making and using the same. M. A. T. Rogers. 2,386,140; Oct. 2.
Water-repellent and products therefrom, Rendering material. W. Kaase and E. Waltmann. 2,370,405; Feb. 27.
Water repellent composition and utilizing same. J. J. Cohen. 2,375,348; May 8.
Water service device. J. T. McGarry and H. A. Eads. 2,368,993; Feb. 6.
Water silencer. B. O. Graham. 2,377,001; May 29.
Water softener. G. S. Ralston. 2,370,190; Feb. 27.
Water softening and washing product and preparing same. L. Meites. 2,385,928–9; Oct. 2.
Water soluble compounds having vitamin K activity. B. R. Baker. 2,380,716; July 31.
Water stop and other water-proofing packings, Self-restoring. A. C. Fischer. 2,368,650; Feb. 6.
Water-supply system for envelope sealing machines. C. D. Ryan. 2,369,314; Feb. 13.
Watertight watchcase. W. Schmitz. 2,366,985; Jan. 9.
Water treating apparatus. J. F. Sebald. 2,378,799; June 19.
Water treating apparatus. J. F. Sebald. 2,383,086; Aug. 21.
Water treating composition and producing same. F. E. Sherwood. 2,376,885; May 29.
Water treatment. H. A. Jackson. 2,374,100; Apr. 17.
Water treatment. C. S. King. 2,370,473; Feb. 27.
Water treatment. H. V. and M. C. Smith. 2,380,800; July 31.
Water treatment. S. A. Winkelmann. 2,385,903; Oct. 2.
Watering device. H. W. Borman and M. E. Engman. 2,372,544; Mar. 27.
Waterwheel mounting. L. E. Coffelt. 2,385,967; Oct. 2.
Wave control. K. Sarafian. 2,377,719; June 5.
Wave control circuit. A. N. Goldsmith. 2,367,116; Jan. 9.
Wave expansion arrangement for cathode ray oscilloscopes. J. L. Theisen. 2,386,728; Oct. 9.
Wave keying, Spaced. "R" L. Hollingsworth. 2,383,126; Aug. 21.
Wave length modulation. W. van B. Roberts. 2,372,012; Mar. 20.
Wave length modulation. G. L. Usselman. 2,388,098; Oct. 30.
Wavemeter, Ultra-high frequency. H. C. Lawrence, Jr. 2,379,165; June 26.
Wave motor. A. J. Alcantara. 2,378,966; June 26.
Wave-set envelope. E. C. Lindeen. 2,369,060; Feb. 6.
Wave translating system. W. F. Kannenberg. 2,373,569; Apr. 10.
Wave transmitting and receiving apparatus, Compressional. L. Batchelder. 2,380,931; Aug. 7.
Waving hair. R. L. Evans and E. G. McDonough. Re. 22,660; Aug. 7.
Wax and oil, Separating. E. M. Dons and O. G. Manro. 2,370,453; Feb. 27.
Wax, Application of. A. Pischel and J. P. McGreevy. 2,379,745; July 3.
Wax composition. W. C. Griffin. 2,374,931; May 1.
Wax composition. A. H. Sanford. 2,371,473; Mar. 13.
Wax composition, Mineral. L. A. Hamilton and R. C. Moran, and A. R. Cattell. 2,371,289; Mar. 13.
Waxlike composition, Manufacture of. D. E. Pearsall. 2,374,617; Apr. 24.
Wax-oil separation. A. H. Schutte. 2,380,077; July 10.
Wax production. A. L. Sklar. 2,375,142; May 1.
Wax, Separating. A. H. Schutte. 2,380,078; July 10.
Waxer, Fruit and vegetable. S. C. Rieke. 2,372,225; Mar. 27.
Waxes and fatty products derived from crude sugar cane waxes, Hard. R. T. Balch. 2,381,420; Aug. 7.
Waxes and wax compositions, Synthetic. T. F. Bradley. 2,367,712; Jan. 23.
Waxes, Emulsification of synthetic. D. W. Light and R. L. Morgan. 2,369,472; Feb. 13.
Waxes, Emulsion paste. F. E. Dolian. 2,374,474; Apr. 24.
Waxes, Method and apparatus for sweating. F. Hederhorst. 2,368,468; Jan. 30.
Waxes, Treating. C. S. Treacy. 2,383,629; Aug. 28.
Waxing and polishing machine, Surface. M. E. Lederman. 2,388,486; Nov. 6.
Waxing device, Thread. C. A. Newhall. 2,379,985; July 10.
Weapon. B. J. Cosneck and B. J. Kessler. 2,383,957; Sept. 4.
Weapon, Aerial. A. S. Howell. 2,370,036; Feb. 20.
Weapon for airplanes, Attack. W. F. Boldt. 2,381,332; Aug. 7.
Weapon, Police. R. L. Hutchison. 2,391,782; Dec. 25.
Wearing apparel. G. F. Lang. 2,368,714; Feb. 6.
Weather covering material. D. Tullock, Jr. 2,367,318; Jan. 16.
Weather strip and sash control, Combined. A. G. Norden. 2,372,975; Apr. 3.
Weatherstrip, Making. W. M. Olson. 2,367,367; Jan. 16.
Weaver's implement, Loom. S. H. Williams. 2,374,795; May 1.
Weaving, transporting and finishing cloth. A. Eddy. 2,384,288; Sept. 4.
Web aligning apparatus. J. F. Morse. 2,387,036; Oct. 16.
Web-controlling mechanism. E. R. Clarke. 2,367,005; Jan. 9.
Web drier. M. E. Hanson. 2,378,703; June 19.
Web drier. M. E. Hanson. 2,388,226; Oct. 30.
Web-feeding mechanism. A. Thomas. 2,381,322; Aug. 7.
Web guiding and stretching mechanism. P. Cook. 2,374,980; May 1.
Web material, Forming. R. L. Melton. 2,385,873; Oct. 2.
Web pasting apparatus. R. J. Williams. 2,382,929; Aug. 14.
Web register correcting means for printing presses, Automatic. J. E. Meyer. 2,378,234; June 12.
Web rewinding machine. S. J. Campbell. 2,366,999; Jan. 9.
Web synchronizing device. M. A. Waters. 2,375,451; May 8.
Web treating apparatus. J. F. Morse. 2,371,771; Mar. 20.
Webs, Conditioning and finishing absorbent. H. W. Osgood, Jr. 2,370,811; Mar. 6.
Webs, Impregnating. M. Croce. 2,375,403; May 8.
Webs, Means for use in splicing. O. C. Roesen. 2,377,971; June 12.
Webs, Process and apparatus for impregnating. G. Knapp. 2,367,587; Jan. 16.
Wedge, Winding slot. F. E. Fisher. 2,386,673; Oct. 9.
Wedges, Method and apparatus for grinding and polishing. H. L. Penberthy. 2,378,243; June 12.
Weed killer. A. H. Wallace. 2,366,301; Jan. 2.
Weed puller. J. M. Geiger. 2,374,929; May 1.
Weed puller. D. M. Smith. 2,385,167; Sept. 18.
Weed puller and cultivator. L. F. Kulesh. 2,373,898; Apr. 17.
Weed removing tool. L. Couture. 2,373,872; Apr. 17.
Weeding tool. H. Beardsley. 2,378,459; June 19.
Weeding tool. J. R. Hughes. 2,383,388; Aug. 21.
Weeds, Methods and compositions for killing. F. D. Jones. 2,390,941; Dec. 11.
Weft beat-up mechanism of looms for weaving. D. W. Shimwell. 2,382,511; Aug. 14.
Weft-changing mechanism for looms. H. Bracewell. 2,373,943; Apr. 17.
Weft replenishing loom. W. H. Wakefield. 2,390,370; Dec. 18.
Weft replenishing loom, Convertible. R. G. Turner. 2,391,602; Dec. 25.

Weft replenishing, pick-and-pick, filling mixing loom. A. Palmer and E. A. Santon. 2,380,544; July 31.
Weighing and handling apparatus, Article. E. Rolker. 2,385,882; Oct. 2.
Weighing and sorting apparatus. W. Owen. 2,368,321; Jan. 30.
Weighing apparatus. M. E. Brendel. 2,366,432; Jan. 2.
Weighing apparatus adapted for operation by the blind. J. O. Kleber. 2,383,321; Aug. 21.
Weighing machine. S. R. Howard. 2,373,831; Apr. 17.
Weighing machine, Automatic. A. W. Lindholm. 2,373,538; Apr. 17.
Weighing scale. H. W. Hem. 2,368,986; Feb. 6.
Weighing scale. L. S. Williams. 2,378,274; June 12.
Weight analyzer. K. J. Kraus. 2,374,105; Apr. 17.
Weight indicating lift jack. E. P. Grime. 2,373,469; Apr. 10.
Weight testing device. N. E. Hart. 2,368,983; Feb. 6.
Weighting device. J. Häfeli. 2,384,250; Sept. 4.
Weighting mechanism for spinning and roving frames. R. M. Jones. 2,387,703; Oct. 23.
Weld rods, Coated. E. F. Wilson and J. L. Oberg. 2,368,280; Jan. 30.
Welded article, Finishing. G. H. Phelps and G. J. Friedmann. 2,385,160; Sept. 18.
Welded joints, Finishing. O. W. Winter. 2,373,440; Apr. 10.
Welded structure. G. B. Warren. 2,380,276; July 10.
Welder control, Hydraulic butt. C. E. Coates. 2,373,226; Apr. 10.
Welder, Electric. C. A. Nichols. 2,370,485; Feb. 27.
Welder, Impact. R. S. Thacker. 2,383,695; Aug. 28.
Welder's clamp. R. L. Cox. 2,383,591; Aug. 28.
Welder's unit. H. Brandt. 2,373,161; Apr. 10.
Welding. W. O. Bennett, Jr. 2,387,112; Oct. 16.
Welding. A. J. Lautmann. 2,380,054; July 10.
Welding. T. E. Murray. 2,366,978; Jan. 9.
Welding apparatus. J. M. Carter. 2,370,716; Mar. 6.
Welding apparatus. G. A. Cutter. 2,384,014; Sept. 4.
Welding apparatus. J. F. Geibel. 2,378,697; June 19.
Welding apparatus. M. R. Harris. 2,369,294; Feb. 13.
Welding apparatus. H. P. Heath and K. A. Weston. 2,387,067; Oct. 16.
Welding apparatus. V. G. Jarman. 2,380,529; July 31.
Welding apparatus. C. F. Leathers. 2,372,211; Mar. 27.
Welding apparatus. J. Lippart. 2,379,531; July 3.
Welding apparatus. H. T. Platz. 2,372,850; Apr. 3.
Welding apparatus. C. S. Seltzer and S. M. Humphrey. 2,385,109; Sept. 18.
Welding apparatus, Resistance. J. H. Redmond. 2,386,261; Oct 9.
Welding control systems. S. L. Burgwin, J. R. Mahoney, and H. J. Bichsel. 2,390,774; Dec. 11.
Welding device. J. Brenzinger. 2,391,292; Dec. 18.
Welding device, Arc. O. B. Hopper. 2,390,149; Dec. 4.
Welding, Electric. H. E. Kennedy and M. A. Rotermund. 2,371,894; Mar. 20.
Welding electrode holder. C. F. Carlson, E. F. Holt, and R. F. Huddleston. 2,374,979; May 1.
Welding electrode holder. H. A. Jackson. 2,386,399; Oct. 9.
Welding electrode holder. C. A. Palmgren. 2,387,464; Oct. 23.
Welding electrode holder. M. M. Seeloff. 2,385,108; Sept. 18.
Welding electrode holder. W. B. Shellabarger. 2,373,605; Apr. 10.
Welding electrode holder. E. Siemers. 2,377,047; May 29.
Welding electrode holder. M. L. Zellstra. 2,379,777; July 3.
Welding gun. W. A. Weightman. 2,372,413; Mar. 27.
Welding machine. C. Eisler, Jr. 2,389,034; Nov. 13.
Welding machine. H. Furat. 2,372,117; Mar. 20.
Welding machine, Resistance. E. J. P. James. 2,384,923–4; Sept. 18.
Welding materials and processes. C. A. Cadwell. 2,387,715; Oct. 30.
Welding mechanism. A. L. Munson. 2,379,983; July 10.
Welding metallic strips to metallic bodies, Resistance. H. P. Guirl. 2,381,742; Aug. 7.
Welding method. A. Vang. 2,390,971; Dec. 11.
Welding method and apparatus. J. P. Ferguson. 2,376,762; May 22.
Welding, Method and apparatus for. G. S. Mikhalapov. 2,384,430; Nov. 6.
Welding, Method and apparatus for resistance. D. Sciaky. 2,385,947; Oct. 2.
Welding, Resistance. A. B. White and C. H. Jennings. 2,372,147; Mar. 20.
Welding ring. C. F. Robie. 2,382,098; Aug. 14.
Welding ring. H. A. Unke. 2,369,381; Feb. 13.
Welding ring. R. H. von Ahrens. 2,366,579; Jan. 2.
Welding rod container. E. C. Young. 2,382,932; Aug. 14.
Welding rod holder. T. K. Checkos. 2,372,251; Mar. 27.
Welding rod holder. J. H. Hill. 2,390,837; Dec. 11.
Welding rod holder. G. Hiller. 2,378,707; June 19.
Welding rod holder. E. F. Raymond. 2,372,009; Mar. 20.
Welding rod holder. E. C. Young. 2,390,631; Dec. 11.
Welding rod transfer mechanism. C. F. Mayers. 2,373,325; Apr. 10.
Welding system. J. W. Dawson and H. Klemperer. 2,383,473; Aug. 28.
Welding system. L. O. Dorfman. 2,387,889; Oct. 30.
Welding system, Resistance. J. W. Dawson. 2,377,328; June 5.
Welding tool. G. C. Morris. 2,379,645; July 3.
Welding tool. E. R. Workman. 2,371,664; Mar. 20.
Well apparatus, Operating. R. C. Baker. 2,373,006; Apr. 3.
Well cabinet clothes drier. J. J. McCauley. 2,377,255; May 29.
Well casing expander. A. L. Pront. 2,383,214; Aug. 21.
Well casing cap. W. Rubly. 2,390,393; Dec. 4.
Well cementing apparatus. P. V. McGivern and J. Chastain. 2,368,419; Jan. 30.
Well cementing device. L. H. Haywood. 2,379,079; June 26.
Well completion apparatus. E. F. Cooke. 2,386,841; Oct. 16.
Well conditioning apparatus. M. Schlumberger. 2,381,929; Aug. 14.
Well construction. J. R. Betts. 2,369,939; Feb. 20.
Well control device. H. C. Laird and H. C. Otis. 2,373,034; Apr. 3.
Well control head. E. J. Roach and E. F. Cooke, Jr. 2,387,610; Oct. 23.
Well devices. H. C. Otis. 2,371,840; Mar. 20.
Well derrick substructure. J. D. McEwen. 2,377,705; June 5.
Well drilling. W. M. Dobson, A. L. Frye, and T. A. Griggs. 2,380,156; July 10.
Well drilling apparatus. R. R. Hays. 2,390,646; Dec. 11.
Well drilling fluid. R. D. Dawson and C. F. Blankenhorn. 2,371,955; Mar. 20.
Well drilling tool. J. J. McNamara. 2,371,248; Mar. 13.
Well flow device. R. O. Walton. 2,385,316; Sept. 18.
Well flow device. R. O. Walton. 2,391,605; Dec. 25.
Well flowing means. R. G. Taylor, Jr., and E. D. Wilde. 2,377,981; June 12.
Well head and casing suspension structure. H. Allen. 2,380,388; July 31.
Well logging. J. C. Bender. 2,366,694; Jan. 9.
Well logging. A. Froech. 2,369,550; Feb. 13.
Well logging. J. J. Mullane. 2,368,486; Jan. 30.
Well logging. J. A. Rilse, Jr. 2,370,814; Mar. 6.
Well logging instrument. S. A. Scherbatskoy, R. E. Fearon, J. Neufeld, and G. Swift. 2,376,821; May 22.
Well logging method. R. E. Fearon. 2,390,931; Dec. 11.
Well logging method and apparatus, Radioactive. S. Krasnow and L. F. Curtis. 2,384,840; Sept. 18.
Well-logging, Radioactivity. L. G. Howell. 2,391,093; Dec. 18.
Well measurement. D. Silverman. 2,370,818; Mar. 6.
Well packer and apparatus for producing wells. H. C. Otis and J. C. Luccous. 2,384,192; Sept. 4.
Well packer, Retrievable. R. C. Baker. 2,373,005; Apr. 3.
Well point. T. F. Moore. 2,388,640; Nov. 6.
Well pump. H. J. Pankratz. 2,375,578; May 8.
Well scraping tool. E. D. Every. 2,369,222; Feb. 13.
Well screen. V. F. Every. 2,387,725; Oct. 30.
Well-servicing apparatus, Portable. C. R. Athy. 2,379,333; June 26.
Well survey method and apparatus. R. E. Fearon. 2,368,532; Jan. 30.
Well survey method and apparatus. R. E. Fearon. 2,390,433; Dec. 4.
Well surveying. R. G. Piety. 2,385,378; Sept. 25.
Well surveying instrument. R. D. Agnew. 2,378,526; June 19.
Well tool. L. Hartsell. 2,384,090; Sept. 4.
Well tool. L. C. Miller. 2,375,313; May 8.
Wells, Completing. E. E. Byrd. 2,374,922; May 1.
Welt beating machine. J. P. Fredericksen. 2,375,217; May 8.
Welt shoe press. W. C. Card, Jr. 2,375,346; May 8.
Welts in straight knitting machines, Forming. H. J. Straussberger. 2,387,780; Oct. 30.
Welts, Producing. O. Worm. 2,379,773; July 3.
Wetting agent for mercerizing and a process for increasing the wetting power of mercerising lyes. B. Von Becker. 2,368,277; Jan. 30.
Wetting and emulsifying agents. K. L. Lynch and H. J. West. 2,379,535; July 3.
Wheat, Treatment of insect-damaged. C. H. Evans. 2,389,302; Nov. 20.
Wheel: *See*—

Abrading wheel.	Fan wheel.
Aircraft landing wheel.	Flexible wheel.
Airplane wheel.	Recap tire balancing wheel.
Automotive vehicle wheel.	Reinforced abrasive wheel.
Buffing and polishing wheel.	Roughing wheel.
Centrifugal abrasive-sheet holding wheel.	Solid tire cushion wheel.
Centrifugal throwing wheel.	Spring wheel.
Emergency wheel.	Sprocket wheel.
	Steering wheel.
	Traction wheel
	Water-power wheel.

Wheel. F. W. Burger. 2,379,277; June 26.
Wheel. C. W. Sinclair. 2,366,938; Jan. 9.
Wheel. C. W. Sinclair. 2,384,649; Sept. 11.
Wheel. C. W. Sinclair. 2,391,200; Dec. 18.
Wheel. H. F. Waters. 2,377,531; June 5.
Wheel and axle packing. H. W. Sanford. 2,387,301; Oct. 23.
Wheel and chain, Traction. C. E. Frederickson. 2,383,184; Aug. 21.

Wheel and driving same, Gyro. B. G. Carlson. 2,380,578; July 31.
Wheel and tire lift, Dual. E. R. Carruthers. 2,380,415; July 31.
Wheel assembly. I. R. Trevisan. 2,382,589; Aug. 14.
Wheel assembly, Dual. C. S. Ash. 2,381,857; Aug. 14.
Wheel assembly, Dual. C. S. Ash. 2,387,382; Oct. 23.
Wheel assembly, Dual. C. S. Ash. 2,389,339; Nov. 20.
Wheel brake. C. Hollerith. 2,381,166; Aug. 7.
Wheel chair, table, and bed, Combination. J. Pezzano. 2,383,340; Aug. 21.
Wheel construction. G. A. Lyon. 2,368,240; Jan. 30.
Wheel construction. G. A. Lyon. 2,368,242; Jan. 30.
Wheel construction. G. A. Lyon. 2,386,225–7; Oct. 9.
Wheel construction. J. Morkoski. 2,366,280; Jan. 2.
Wheel construction. W. W. Shaw. 2,367,825; Jan. 23.
Wheel construction, Fifth. G. Walther and E. L. Miller. 2,387,625; Oct. 23.
Wheel construction, Polishing. G. S. Fuller. 2,379,141; June 26.
Wheel covers, Making. G. A. Lyon. 2,368,229; Jan. 30.
Wheel covers, Making. G. A. Lyon. 2,386,223; Oct. 9.
Wheel dresser, Grinding. V. W. Bunker, M. De Young, and H. W. Kropf. 2,391,122; Dec. 18.
Wheel dresser, Radius. A. Greig. 2,377,934; June 12.
Wheel dressing device, Grinding. G. W. Starn. 2,377,822; June 5.
Wheel dressing machine, Abrasive. G. F. Eglinton. 2,373,882; Apr. 17.
Wheel drive for vehicles, Front. A. T. Krenzlen. 2,380,181; July 10.
Wheel driving means, Vehicle. L. M. Ballamy and R. H. Sheepshanks. 2,377,124; May 29.
Wheel flange lubricator. B. E. Folk and H. Winther. 2,380,743; July 31.
Wheel for agricultural tractors. W. Bower. 2,381,639; Aug. 7.
Wheel gauge adjustment. O. R. Peterson. 2,371,261; Mar. 13.
Wheel gauging instrument. R. M. Greenleaf and J. L. Hunt. 2,381,276; Aug. 7.
Wheel hoe. R. M. Kraus. 2,388,553; Nov. 6.
Wheel lock. P. G. Turner. 2,377,465; June 5.
Wheel mounting. J. A. Bombardier. 2,367,751; Jan. 23.
Wheel mounting. W. F. Herold. 2,377,232; May 29.
Wheel mounting. L. P. Millard. 2,383,406; Aug. 21.
Wheel-mounting dolly. R. D. Moore. 2,379,587; July 3.
Wheel mounting for aircraft. L. W. Manheim, Sr. 2,389,525; Nov. 20.
Wheel structure. G. A. Lyon. 2,368,228; Jan. 30.
Wheel structure. G. A. Lyon. 2,368,230; Jan. 30.
Wheel structure. G. A. Lyon. 2,368,234–6; Jan. 30.
Wheel structure. G. A. Lyon. 2,368,238; Jan. 30.
Wheel structure. G. A. Lyon. 2,368,241; Jan. 30.
Wheel structure. G. A. Lyon. 2,368,243–54; Jan. 30.
Wheel structure. G. A. Lyon. 2,386,224; Oct. 9.
Wheel structure. G. A. Lyon. 2,386,226–45; Oct. 9.
Wheel suspension, Automobile front. D. W. Sherman. 2,372,744; Apr. 3.
Wheel suspension for motor vehicles. H. T. Woolson and G. H. Parker. 2,371,864; Mar. 20.
Wheel suspension for motor vehicles. H. T. Woolson, A. G. Herrshoff, H. A. Hicks, G. H. Parker, and R. A. Wyatt. 2,383,101; Aug. 21.
Wheel trim ring, Ornamental. C. B. Aske. 2,368,232; Jan. 30.
Wheel truck mounting. W. F. Schmied. 2,387,093; Oct. 16.
Wheeled figure toy. C. S. Olson. 2,374,888; May 1.
Wheeled invalid chair. T. R. Grady. 2,369,040; Feb. 6.
Wheels, Counterbalance for. F. H. Le Jeune. 2,370,361; Feb. 27.
Wheels, Form crushing of abrasive. G. F. Eglinton. 2,384,289; Sept. 4.
Wheels, Grinding. S. S. Kistler. 2,384,683–4; Sept. 11.
Wheels, Safety. A. P. MacDicken. 2,385,216; Sept. 18.
Whipping machine, Portable. R. J. Sharp. 2,390,186; Dec. 4.
Whirler, Plate. J. T. Campbell. 2,386,591; Oct 9.
Whiskey, Clarify or chillproof. H. G. Atwood. 2,367,557; Jan. 16.
Whistle. A. M. Osterholt. 2,388,495; Nov. 6.
Whistle, Steam. S. Soderberg. 2,386,513; Oct. 9.
Whooping cough endotoxin. L. P. Strean. 2,371,002; Mar. 6.
Wick, Oil burner. J. M. Weaver. 2,371,006; Mar. 6.
Wick, Oil stove. R. G. Quinn. 2,376,083; May 15.
Wiener vending machine and process. C. R. Simpkins. 2,390,277; Dec. 4.
Winch. C. F. Ball. 2,389,177; Nov. 20.
Winch. H. F. Banzhaf and A. Finlay. 2,379,858; July 10.
Winch drive, Self-braking. B. M. Crawford. 2,379,477; July 3.
Winch, Tractor mounted. R. B. Magee. 2,375,233; May 8.
Wind driven electric generator. L. F. Touhey. 2,373,207; Apr. 10.
Wind indicator. R. Poole. 2,390,384; Dec. 4.
Wind instrument. C. F. W. Forssberg. 2,373,110; Apr. 10.
Windmill and electric generator, Combined. F. Victoria. 2,376,020; May 15.
Windmill and pump remotely operated thereby. R. J. Sharp. 2,379,833; July 3.
Wind recording apparatus. M. D. Thomas and J. O. Ivie. 2,391,601; Dec. 25.
Windrower, Small grain. W. C. McCann. 2,388,861; Nov. 13.
Windshield. E. W. Slicer. 2,383,169; Aug. 21.
Windshield and cleaner therefor. C. Christel. 2,387,564; Oct. 23.
Windshield attachment, Automobile. A. L. De Patto. 2,371,430; Mar. 13.
Windshield cleaner. D. N. Mussen. 2,376,714; May 22.
Windshield cleaner. E. V. Schaal. 2,388,500; Nov. 6.
Windshield cleaner. A. C. Scinta. 2,388,089; Oct. 30.
Windshield cleaner. S. S. Smith. 2,383,750; Aug. 28.
Windshield, Iceproof. W. J. O'Connor. 2,386,339; Oct. 9.
Windshield or window construction. H. M. Dodge. 2,382,963; Aug. 21.
Windshield wiper mechanism. S. A. Snell. 2,370,376; Feb. 27.
Windshield wiper motor. F. G. and W. M. Folberth. 2,380,511; July 31.
Windshield wiper motor. E. Koppelman. 2,385,084; Sept. 18.
Windshield wiper unit. C. R. Sacchini. 2,376,011; May 15.
Wind wheel generator. O. Bakke. 2,379,857; July 10.
Winder. L. Hornbostel. 2,367,777; Jan. 23.
Winder, Spring. L. R. Buczkoski. 2,388,383; Nov. 6.
Winding and reeling. M. Morrison. 2,366,977; Jan. 9.
Winding and spooling device, Multiple. H. P. Ruf. 2,390,223; Dec. 4.
Winding apparatus. A. J. Dowd. 2,367,489; Jan. 16.
Winding apparatus. E. Sirp. 2,371,781; Mar. 20.
Winding apparatus, Core. L. Stastney. 2,382,451; Aug. 14.
Winding element. F. J. Sigmund and W. S. Hlavin. 2,383,019; Aug. 21.
Winding frame. W. & W. Reiners, G. Kahlisch, and S. Fürst. 2,369,606; Feb. 13.
Winding machine. E. H. Cobb. 2,371,876; Mar. 20.
Winding machine. C. F. Fitzgerald. 2,373,109; Apr. 10.
Winding machine. R. E. Morton. 2,391,472; Dec. 25.
Winding machine. W. L. Perry and E. J. Abbott. 2,377,367; June 5.
Winding machine. W. Siegenthaler. 2,387,949; Oct. 30.
Winding machine. H. E. Swift and E. R. Davis. 2,372,136; Mar. 20.
Winding machine A. E. Winslow. 2,373,073; Apr. 3.
Winding machine, Continuous. W. S. Corbin, F. Chilson, P. L. Tollison, C. S. Caffrey, and A. F. Pilon. 2,385,691; Sept. 25.
Winding machine, Continuous. W. S. Corbin, P. L. Tollison, A. F. Pilon, F. Chilson, and C. S. Caffrey. 2,385,692; Sept. 25.
Winding machine for producing tubular cops. W. Siegenthaler. 2,385,949; Oct. 2.
Winding machine, Spring. A. A. Weisberger and E. G. Glick. 2,389,109; Nov. 13.
Winding machine with automatic spool exchanging means. A. Brügger. 2,378,978; June 26.
Winding material. C. C. Smith. 2,372,400; Mar. 27.
Winding reel. L. E. Gainer. 2,378,997; June 26.
Winding ribbons on heat exchange tubes, Method of and machine for. R. M. Stikeleather. 2,374,144; Apr. 17.
Winding textile packages. R. Little and L. Jehu. 2,388,557; Nov. 6.
Winding wire on a body of revolution. Method of and apparatus for. D. Mapes. 2,371,107; Mar. 6.
Window. A. A. Campbell. 2,377,863; June 12.
Window. W. P. Kessler. 2,367,129; Jan. 9.
Window. G. D. Smith. 2,390,394; Dec. 4.
Window. T. Spacie. 2,375,257; May 8.
Window. F. E. Young. 2,371,724; Mar. 20.
Window, Air locked. J. B. Liberty. 2,381,504; Aug. 7.
Window and improved construction therefor. S. Hellman. 2,389,509; Nov. 20.
Window, Casement storm. H. A. Kaufmann. 2,384,929; Sept. 18.
Window, Combination storm. J. L. Metzger. 2,386,625; Oct. 9.
Window construction. A. Cuthill and J. C. McBroom. 2,371,154; Mar. 13.
Window construction. E. F. Gaines and W. C. Lippert. 2,375,546; May 8.
Window construction. H. Goldenberg. 2,383,852; Aug. 28.
Window construction. M. G. Hodson. 2,375,553; May 8.
Window construction. E. J. Kump, Jr. 2,366,339; Jan. 2.
Window construction. J. I. Levyn. 2,382,162; Aug. 14.
Window construction. B. H. Marcus. 2,385,148; Sept. 18.
Window construction. T. R. Smith. 2,383,691; Aug. 28.
Window construction, Awning type. A. H. Soule. 2,366,815; Jan. 9.
Window construction, Cellar. C. B. Weedon. 2,381,147; Aug. 7.
Window construction, Double. W. B. Firner. 2,377,684; June 5.
Window, Insulating. E. Clerk. 2,387,119; Oct. 16.
Window lock. A. Kaufman and H. Korman. 2,373,400; Apr. 10.

Window, Metal bulletproof. K. Mindt. 2,372,636; Mar. 27.
Window operator. V. S. Lundell. 2,370,740; Mar. 6.
Window operator. A. Rappl. 2,369,797; Feb. 20.
Window operator. A. Rappl. 2,375,037; May 1.
Window operator. A. Rappl. 2,378,103; June 12.
Window operator. A. Rappl. 2,390,617; Dec. 11.
Window operator. A. Rappl. 2,391,073; Dec. 18.
Window operator. A. Rappl and E. C. Horton. 2,390,271; Dec. 4.
Window, Railroad engineman's clear vision. W. McMinnis. 2,368,555; Jan. 30.
Window, Reversible sash. C. Kelliher. 2,379,528; July 3.
Window sash control device. N. C. Leidgen. 2,381,976; Aug. 14.
Window sash operator. E. R. Tarvin. 2,368,622; Feb. 6.
Window sash support. A. Perreton. 2,374,618; Apr. 24.
Window shade and supporting bracket. F. R. Schueller. 2,375,496; May 8.
Window-shield. W. R. Kohl. 2,383,132; Aug. 21.
Window, Storm. W. P. Collins. 2,375,349; May 8.
Window, Storm. J. M. Drab. 2,388,044; Oct. 30.
Window, Storm. C. O. Lewis. 2,379,727; July 3.
Window structure. B. D. Crozier. 2,376,666; May 22.
Window structure. G. Gargiulo. 2,383,912; Aug. 28.
Window structure. A. J. McLoughlin. 2,375,013; May 1.
Window structure. E. C. Swanson, P. C. Gaskell, and H. A. Smothermon. 2,378,255; June 12.
Window structure. G. Trautvetter. 2,386,151; Oct. 2.
Window, Thermally insulated. W. S. K. Smith. 2,379,601; July 3.
Window unit. B. F. Krehbiel. 2,373,762; Apr. 17.
Wing, Aircraft. G. W. Hardman. 2,379,352; June 26.
Wing flap and tail wheel control. E. L. Noonan and W. Tydon. 2,366,868; Jan. 9.
Wing flaps or the like, Operation of bellows-type. A. L. Lowell and K. F. Fromuth. 2,369,152; Feb. 13.
Wing for airplanes, Retractable auxiliary. C. L. Thompson. 2,376,636; May 22.
Wiper, Electric windshield. J. B. Whitted. 2,370,101; Feb. 20.
Wiper mechanism, Windshield. C. R. Sacchini and W. Waterman. 2,376,010; May 15.
Wiper, Windshield. G. F. Darling. 2,372,813; Apr. 3.
Wiper, Windshield. C. L. Osborn. 2,367,307; Jan. 16.
Wire and cable stripping machine. J. P. Kane. 2,374,211; Apr. 24.
Wire coil insert. H. W. Cram. 2,390,514; Dec. 11.
Wire coiling apparatus. C. R. Bergevin. 2,388,630; Nov. 6.
Wire coils, Forming. H. Caminez. 2,371,674; Mar. 20.
Wire coils, Recessing. O. Haas. 2,385,357; Sept. 25.
Wire connector. E. Cornella. 2,388,724; Nov. 13.
Wire connector. H. L. Gordon. 2,370,725; Mar. 6.
Wire container. R. P. Messenger, L. H. Kaupke, and R. R. Raney. 2,389,529; Nov. 20.
Wire coupling means, Electric service. H. F. Roesch. 2,378,105; June 12.
Wire cutter. A. A. Westman. 2,368,906; Feb. 6.
Wire drawing apparatus. W. H. MacDonald and L. J. Woods. 2,370,806; Mar. 6.
Wire-drawing equipment. L. F. Black and A. L. Kefover. 2,368,107; Jan. 30.
Wire drawing machine. B. N. Bletso. 2,384,275; Sept. 4.
Wire-drawing machine. W. Morgan. 2,370,481; Feb. 27.
Wire drawing process and apparatus. W. O. Schultz. 2,369,805; Feb. 20.
Wire feeder. C. J. L. Mos. 2,373,589; Apr. 10.
Wire feeding means for fastening inserting machines. H. Lane and W. A. Barton. 2,376,924; May 29.
Wire gauge, Thread and stranded. S. Pantages. 2,391,590; Dec. 25.
Wire grinding machine. C. A. Carlson. 2,383,027; Aug. 28.
Wire guide, Extrusion centering. W. C. Heath. 2,366,528; Jan. 2.
Wire laying head. A. E. Winslow. 2,371,939; Mar. 20.
Wire line safety control packer. R. R. Lawrence. 2,376,505; May 22.
Wire mesh, Continuous manufacture of welded. G. R. Roemer. 2,390,174; Dec. 4.
Wire, Method and apparatus for producing coated. W. C. Lang. 2,370,973; Mar. 6.
Wire pay-off reel. J. Kramer. 2,390,157; Dec. 4.
Wire, Producing stepped. R. W. Henry. 2,379,801; July 3.
Wire reel. A. H. Luebke. 2,370,868; Mar. 6.
Wire, Resistance or fuse. C. S. Sivil. 2,375,446; May 8.
Wire rolling mill. C. L. Patterson. 2,380,067; July 10.
Wire, Rubber adherent. W. E. Leonard. 2,387,335; Oct. 23.
Wire stitching machine. T. A. McCoy. 2,376,159; May 15.
Wire stitching machine. R. Minkow. 2,371,062; Mar. 6.
Wire stitching machine. J. I. Nasmith and W. Kirby. 2,374,373; Apr. 24.
Wire stitching machine. J. I. Nasmith and W. Kirby. 2,374,770; May 1.
Wire straightening apparatus. A. Wennerberg. 2,369,329; Feb. 13.
Wire stranding machine creel. H. E. Kuehn. 2,382,884; Aug. 14.
Wire stretcher. E. V. Mosley. 2,377,957; June 12.
Wire-stripping device. R. Gordon. 2,383,479; Aug. 28.
Wire structure and method and apparatus for making the same, Broomed stranded. A. E. Brickman. 2,389,951; Nov. 27.
Wire supporting clip. A. Robertson. 2,372,682–3; Apr. 3.
Wire threading machine, Lead. A. J. Vasselli. 2,390,139; Dec. 4.
Wire twisting device. A. C. Goddard. 2,391,696; Dec. 25.
Wire twisting tool. R. D. Anderson. 2,375,835; May 15.
Wire winding and unwinding reel. J. W. Houston. 2,391,240; Dec. 18.
Wires, particularly fine wires used in the manufacture of electric coils, Joining of. G. Gilliver. 2,371,438; Mar. 13.
Wires, particularly fine wires used in the manufacture of electric coils, Joining of. G. Gilliver. 2,390,999; Dec. 18.
Wiring and the like clip device. E. P. Cogswell. 2,376,314; May 15.
Wood and metal connection or the like. G. F. Berger. 2,376,570; May 22.
Wood, Coloring. C. K. Black. 2,391,613; Dec. 25.
Wood digestion resin-aldehyde condensation product. R. W. Martin. 2,383,558; Aug. 28.
Wood gutter, Sectional. N. T. MacKenzie. 2,383,938; Sept. 4.
Wood impregnation. G. Wood. 2,382,374; Aug. 14.
Wood joining fastener. S. L. Travers. 2,386,758; Oct. 16.
Wood, Preservation and fireproofing of. R. N. Hammond. 2,381,049; Aug. 7.
Wood preservative. B. O. Häger. 2,384,026; Sept. 4.
Wood preserving composition, Making a. E. V. Swanson. 2,370,378; Feb. 27.
Wood pulp, Purification of. W. R. Collings, R. D. Freeman, M. J. Roberts, and W. O. Hisey. 2,385,259; Sept. 18.
Wood pulp separator. A. H. Piponius. 2,367,961; Jan. 23.
Wood, Treatment of. C. I. Haney, M. E. Martin, and T. E. McGoury. 2,389,195; Nov. 20.
Woodworking. R. R. Rohl. 2,370,918; Mar. 6.
Woodworking machine. W. J. Cartledge. 2,366,831; Jan. 9.
Woodworking machine. A. N. Emmons. 2,367,461; Jan. 16.
Woodworking machine carriage. A. E. Horman. 2,383,195; Aug. 21.
Woodworking machine tool. J. L. Brocco and M. V. Iarussi. 2,382,971; Aug. 21.
Wooden propeller blades, Making laminated. F. E. Welch. 2,368,734; Feb. 6.
Wool-combing machine. H. Sarkisian. 2,384,344; Sept. 4.
Wool from soy bean protein, Manufacture of synthetic. J. Huppert. 2,377,885; June 12.
Wool manufacture, Mineral. E. R. Powell. 2,388,935; Nov. 13.
Wool nonfelting, Rendering. F. A. Hessel and J. B. Rust. 2,382,632; Aug. 14.
Wool sampler. A. Johnston and G. C. LeCompte. 2,378,484; June 19.
Wool, Treatment of. A. J. Hall and F. C. Wood. 2,367,273; Jan. 16.
Wool, Unified process for treating. W. P. Heintz and W. H. Zillessen. 2,387,510; Oct. 23.
Work driver. O. J. E. Olsson. 2,371,465; Mar. 13.
Work feeding device. T. E. Mead. 2,385,521; Sept. 25.
Work feeding device. J. R. Turner. 2,369,269; Feb. 13.
Work handling apparatus for mechanical presses. W. G. Landwier. 2,368,478; Jan. 30.
Work handling mechanism. H. Law. 2,376,495; May 22.
Work handling unit. H. H. Colson. 2,390,293; Dec. 4.
Work holder. W. H. Farr and E. P. Hawthorne. 2,372,478; Mar. 27.
Work holder and vise. K. Kozaroczy. 2,369,901; Feb. 20.
Workholder for arc-welding apparatus. J. R. Wirt. 2,391,762; Dec. 25.
Work-holding and positioning means. E. Q. Kruchten. 2,383,201; Aug. 21.
Work-holding clamp. F. Ostling. 2,366,350; Jan. 2.
Work holding device. E. Barnes. Re. 22,641; May 15.
Work holding device. H. L. Collins. 2,378,912; June 26.
Work-holding device. H. D. Manning. 2,372,727; Apr. 3.
Work locator, Automatic. H. K. Ferger. 2,369,223; Feb. 13.
Work positioning apparatus. L. Meister. 2,381,458; Aug. 7.
Work shifting device. H. C. Pierce. 2,377,034; May 29.
Work support. E. A. Holmgren. 2,386,397; Oct. 9.
Work support. G. G. Landis and N. J. Hoenie. 2,383,503; Aug. 28.
Work support. N. M. Marsilius. 2,370,366; Feb. 27.
Work support adjusting mechanism for machine tools. H. Arter. 2,375,172; May 1.
Work support for shoe machines. F. Ashworth. 2,383,529; Aug. 28.
Work support for side seam welding. D. P. Bisbee. 2,371,376; Mar. 13.
Work support for use in machining operations, Adjustable. I. W. Bemis. 2,390,865; Dec. 11.
Work supporting and finishing apparatus. A. M. Sasgen. 2,379,992; July 10.

Work-supporting means for box-making machines. G. P. Woodbury. 2,375,400; May 8.
Work supporting post for sewing machines. G. W. Wesson. 2,367,813; Jan. 23.
Working machine, Road surface. M. S. Ariens. 2,381,330; Aug. 7.
Worm gear hobbing machine. W. F. Zimmermann. 2,374,254; Apr. 24.
Worm gearing. E. Anderson. 2,378,891; June 26.
Wound members, Manufacture of. W. W. McMinn and O. M. Brant. 2,377,950; June 12.
Wound protector. E. H. Purdy. 2,367,690; Jan. 23.
Wound strand bodies, Conditioning. D. Marinsky and L. H. Morin. 2,369,155; Feb. 13.
Woven resistance units, Making. W. J. Larson. 2,375,997; May 15.
Wrap-around wire supporting clip. E. M. Morehouse. 2,373,328; Apr. 10.
Wrap mechanism, Tight-loose. T. Jensen. 2,382,420; Aug. 14.
Wrapped article and wrapping the same. L. D. Freiberg. 2,371,985; Mar. 20.
Wrapper. E. C. Scott. 2,387,217; Oct. 16.
Wrapper. R. H. Wilbur. 2,384,223; Sept. 4.
Wrapper for wound filamentary masses. F. A. Decker, Jr., and L. Spangler. 2,382,400; Aug. 14.
Wrapping for commodities. W. H. Bryce. 2,367,563; Jan. 16.
Wrapping machine. W. B. Bronander. 2,373,655; Apr. 17.
Wrapping machine. W. B. Bronander. 2,374,172; Apr. 24.
Wrapping machine. C. A. Gerlach. 2,368,213; Jan. 30.
Wrapping machine. C. J. Malhiot. 2,383,664; Aug. 28.
Wrapping machine. J. S. Pecker, H. A. Simpson, and A. S. Kirshner. 2,381,078; Aug. 7.
Wrapping machine. W. B. Ranney. 2,370,072; Feb. 20.
Wrapping machine. W. B. Ranney. 2,370,418; Feb. 27.
Wrapping machine. H. J. and F. Werden. 2,366,888; Jan. 9.
Wrapping machine. L. V. Whipple and J. D. Wells. 2,374,148; Apr. 17.
Wrapping machine and method. A. W. Witbro. 2,380,816; July 31.
Wrapping machine, Pipe. A. J. Pfohl and C. M. Wood. Re. 22,591; Jan. 16.
Wrapping mechanism. T. Jensen. 2,385,706; Sept. 25.
Wrapping sheet and manufacture, Heat sealable waxed. C. M. Rhodes and H. W. Wendorf. 2,371,314; Mar. 13
Wrapping yarn around wire, Flier for. C. J. Murphy. 2,390,454; Dec. 4.
Wrecking bar. M. Tabellione. 2,382,831; Aug. 14.
Wrecking tool. C. Fiebke, Sr. 2,374,530; Apr. 24.
Wrench: *See*—
Adjustable box wrench.
Adjustable spanner wrench.
Adjustable wrench.
Clamp wrench.
Closure plug wrench.
Connector wrench.
Impact wrench.
Locking wrench.
Pipe wrench.
Pop-up spud wrench.
Quick adjustable wrench.
Ratchet measuring wrench.
Ratchet wrench.
Safety wrench.
Screw-top jar wrench.
Socket wrench.
Spanner ratchet wrench.
Sucker rod wrench.
Torque wrench.
Turnbuckle wrench.
Watchcase wrench.
Wrench. A. Boynton. 2,370,837; Mar. 6.
Wrench. A. C. Brintnall. 2,366,312; Jan. 2.
Wrench. G. H. Clark. 2,377,612; June 5.
Wrench. J. A. Cogbill. 2,391,394; Dec. 25.
Wrench. M. J. DeGraw. 2,386,444; Oct. 9.
Wrench. A. C. Ertner. 2,391,143; Dec. 18.
Wrench. R. E. Gearhart. 2,369,346; Feb. 13.
Wrench. L. E. Leathers. 2,386,616; Oct. 9.
Wrench. A. C. Leisenring. 2,382,074; Aug. 14.
Wrench. H. C. Reynolds. 2,384,399; Sept. 4.
Wrench. A. Rober. 2,389,933; Nov. 27.
Wrench. G. F. Seashore. 2,385,654; Sept. 25.
Wrench. F. A. Snell. 2,388,580; Nov. 6.
Wrench or like tool, Torque. R. H. Thorner. 2,378,956; June 26.
Wrench or pliers, Adjustable. G. F. Colley. 2,375,082; May 1.
Wrenches, Lock for. R. H. Kershaw. 2,378,854; June 19.
Wringer. E. L. Baker. 2,379,619; July 3.
Wringer. H. H. Beasley. 2,382,388; Aug. 14.
Wringer. R. S. Blough. 2,376,751; May 22.
Wringer. C. C. Cammack. 2,371,380; Mar. 13.
Wringer. N. L. Etten. 2,388,207; Oct. 30.
Wringer. W. L. Kauffman, II. Re. 22,639; May 1.
Wringer. W. L. Kauffman, II. 2,386,474; Oct. 9.
Wringer. C. Moon. 2,387,086; Oct. 16.
Wringer. C. B. Williams. 2,369,699; Feb. 20.
Wringer. C. B. Williams and T. W. Kaestner. 2,369,700–2; Feb. 20.
Wringer. C. W. Williams. 2,369,703; Feb. 20.
Wringer assembly. T. R. Smith. 2,377,820; June 5.
Wringer construction. T. R. Smith. 2,377,819; June 5.
Wringer mechanism. A. W. Altorfer. 2,385,769; Oct. 2.
Wringer mechanism. L. A. Bottinelli. 2,369,333; Feb. 13.
Wringer, Mop. F. M. and L. B. Fritsch. 2,384,907; Sept. 18.
Wringer, Pivotal frame. N. L. Etten. 2,389,768; Nov. 27.
Wrinkle finish, Producing marbleized. W. A. Waldie. 2,373,211; Apr. 10.
Wrist protector. M. Jungmann. 2,388,330; Nov. 6.
Writing instrument. L. J. Biro. 2,390,636; Dec. 11.
Writing paper. A. Teicher. 2,366,575; Jan. 2.
Writing tablet. L. Ponnock. 2,367,608; Jan. 16.
X-ray analysis apparatus. W. L. Bond. 2,377,862; June 12.
X-ray apparatus. Z. J. Atlee and J. C. Filmer. 2,387,427; Oct. 23.
X-ray apparatus. S. W. West. 2,369,507; Feb. 13.
X-ray camera. D. Harker. 2,380,236; July 10.
X-ray cassette. F. T. Powers. 2,371,843; Mar. 20.
X-ray cassette. F. T. Powers. 2,391,191; Dec. 18.
X-ray contrast composition. S. Hermann. 2,368,833; Feb. 6.
X-ray diffraction patterns, Measuring. H. Friedman. 2,386,785; Oct. 16.
X-ray dosage indicator. W. H. Dimsdale and A. E. Clarke. 2,387,887; Oct. 30.
X-ray film holder. A. F. Cota. 2,381,261; Aug. 7.
X-ray generating means. E. R. Goldfield, R. C. Schiring, and R. J. Stava. 2,369,453; Feb. 13.
X-ray of flowers and the like. A. M. McFarland. 2,379,814; July 3.
X-ray protective composition. D. W. Robertson and J. A. Breckley. 2,367,738; Jan. 23.
X-ray radiography for locating embedded materials, Medical. D. McLachlan, Jr. 2,387,597; Oct. 23.
X-ray radiography of inclusions. D. McLachlan, Jr. 2,387,704; Oct. 23.
X-ray timer. M. M. Schwarzschild. 2,384,647; Sept. 11.
X-ray timer tester. W. L. Gerke. 2,374,280; Apr. 24.
X-ray tube protective system. L. L. Weisglass. 2,379,125; June 26.
X-ray tubes, Collapsible support for. E. R. Goldfield, R. C. Schiring, and R. J. Stava. 2,369,454; Feb. 13.
Xylene, Production of. W. J. Mattox. 2,386,969; Oct. 16.
Yardage control mechanism. J. H. Garrott. 2,390,703; Dec. 11.
Yarn and fabric, Composite. W. H. Hall, Jr. 2,388,140; Oct. 30.
Yarn and process, Cellulose acetate. R. M. Hoffman. 2,387,791; Oct. 30.
Yarn-carrier presenting tuft-fabric looms. W. Bixby. 2,372,758; Apr. 3.
Yarn conditioning process. J. R. Caldwell. 2,388,826; Nov. 13.
Yarn feed control means for textile machines. P. J. Thomas. 2,386,822; Oct. 16.
Yarn feeding and changing mechanism for knitting machines. H. H. Holmes and A. H. Widdowson. 2,375,473; May 8.
Yarn forwarding apparatus. R. D. McCrosky. 2,370,180; Feb. 27.
Yarn friction, Device for measuring. C. T. Zahn. 2,378,614; June 19.
Yarn guide means. F. G. Weisbecker. 2,376,643; May 22.
Yarn handling. D. R. Hull. 2,366,336; Jan. 2.
Yarn, Highly stretchable. B. H. Foster. 2,387,320; Oct. 23.
Yarnlike structure. K. Heymann. 2,369,395; Feb. 13.
Yarn lubrication. M. H. Lyle and C. B. Smith. 2,383,505; Aug. 28.
Yarn, Making highly stretchable textile. N. Haddad. 2,387,321; Oct. 23.
Yarn, Making ramie. M. Sabner. 2,371,573; Mar. 13.
Yarn, Making synthetic resin. S. G. Saunders and H. Morrison. 2,376,511; May 22.
Yarn, Manufacture of glass. J. F. Hyde. 2,390,370; Dec. 4.
Yarn, Resilient synthetic. J. R. Caldwell. 2,378,183; June 12.
Yarn, Stretching cellulose ester. R. F. Conaway. 2,385,403; Sept. 25.
Yarn supplying mechanism. P. S. Smith. 2,366,364; Jan. 2.
Yarn tension system. H. J. Theller. 2,373,066; Apr. 3.
Yarn tensioning device. E. C. Gwaltney and H. R. Marsh. 2,391,307; Dec. 18.
Yarn tensioning means. J. C. Bodansky. 2,372,053; Mar. 20.
Yarn treating process and resulting product. J. B. Dickey and J. G. McNally. 2,388,833; Nov. 13.
Yarn twister. A. E. Winslow. 2,385,046; Sept. 18.
Yarn, Unwinding. P. W. Markwood. 2,377,799; June 5.
Yarn winding frame. E. T. Hall. 2,373,393; Apr. 10.
Yarns in knitting machines, Controlling. T. C. Bromley and A. Shortland. 2,366,381; Jan. 2.
Yarns, Treatment of cellulose organic ester. P. W. Morgan. 2,375,864; May 15.
Yeast. G. T. Reich. 2,372,854; Apr. 3.
Yeast, Manufacture of. M. C. H. Deloffre. 2,367,931; Jan. 23.
Yeast product and preserving glutathione contained therein. R. W. Selman, Jr., and H. S. Myers. 2,368,384; Jan. 30.
Yeast with treated waste sulphite liquor, Cultivating. N. M. G. Söderström and H. F. Rost. 2,381,230; Aug. 7.
Yieldable device. W. F. Boldt. 2,377,748; June 5.

Yieldable device. S. Schnell. 2,372,023; Mar. 20.
Yieldable device. S. Schnell. 2,373,505; Apr. 10.
Yoke, Precision squeezer. H. S. Sines. 2,375,445; May 8.
Yoke, Scotch. D. Clausen. 2,366,237–8; Jan. 2.
Zein dispersions and making same. A. L. James. 2,377,237; May 29.
Zein molding compositions and method of molding. V. A. Navikas. 2,365,721; Sept. 25.
Zein solutions directly from gluten, Preparation of. R. E. Coleman. 2,377,290–1; May 29.
Zein solutions directly from gluten, Preparation of. R. E. Coleman. 2,388,389; Nov. 6.
Zein solutions directly from gluten, Preparing. R. E. Coleman. 2,388,388; Nov. 6.
Zein solutions, Stabilization of. H. J. Hagemeyer, Jr. 2,380,429; July 31.
Zeolite regeneration. H. B. Gustafson. 2,376,914; May 29.
Zeolitic materials, Manufacture of. J. G. Dean, R. Heiligman, and R. Riley. 2,371,427; Mar. 13.
Zinc and cadmium, Surface treatment of. R. H. McCarroll, J. L. McCloud, and H. E. J. Hanson. 2,376,158; May 15.
Zinc, Anodically polishing. C. L. Faust. 2,373,466; Apr. 10.
Zinc base alloy. E. S. Bunn. 2,372,546; Mar. 27.
Zinc base alloy. E. S. Bunn. 2,385,496–7; Sept. 25.
Zinc calcium arsenate. G. W. Pearce and A. W. Avens. 2,368,565; Jan. 30.
Zinc compounds. E. Kuss and H. Hohn. 2,371,829; Mar. 20.
Zinc condenser. A. L. J. Queneau. 2,380,548; July 31.
Zinc, Electrolytic deposition of. C. G. Harford. 2,384,300; Sept. 4.
Zinc oxide, Manufacture of. R. L. Hallows and F. Clearman. 2,368,922; Feb. 6.
Zinc oxide, Producing. C. J. Lents and G. T. Mahler. 2,370,977; Mar. 6.
Zinc oxide, Purification of. H. A. Depew. 2,372,367; Mar. 27.
Zinc salt of the reaction products of alkylated phenols and terpene-phosphorous sulphide. R. L. May. 2,379,313; June 26.
Zingerone, Production of. W. J. Cotton. 2,381,210; Aug. 7.
Zirconia, Production of. M. O. Axt. 2,384,428; Sept. 11.

LIST OF DESIGN INVENTIONS

Actuator for airplane wing flaps, Automatic. W. P. Lear and J. M. Wehner. 143,080; Dec. 4.
Actuator for movable parts of an aircraft or the like, Rotary. W. P. Lear. 141,554; June 12.
Actuator for movable parts of an airplane, Automatic. R. V. Bruland. 140,589; Mar. 13.
Aerovelocipede, Child's. J. F. Jones. 142,089; Aug. 14.
Air conditioning unit and display cabinet, Combined. F. Chalmers. 140,272; Feb. 6.
Airplane. L. R. Biasell. 140,113; Jan. 23.
Airplane. K. L. Bunyard. 140,207; Jan. 30.
Airplane. A. P. Fontaine and C. R. Irvine. 140,412; Feb. 20.
Airplane. J. Guth. 140,117; Jan. 23.
Airplane. T. P. Hall. 142,861–2; Nov. 13.
Airplane. H. L. Hibbard and C. L. Johnson. 140,795; Apr. 10.
Airplane. W. A. Hite, R. E. Harvuot, and D. H. Williams. 140,294–5; Feb. 6.
Airplane. A. Kartvell. 142,955; Nov. 20.
Airplane. A. O. Kelly. 140,120; Jan. 23.
Airplane. L. E. Oliver. 142,492; Oct. 2.
Airplane. H. M. Poyer. 141,292; May 22.
Airplane. H. M. Poyer. 141,669; June 19.
Airplane. H. M. Poyer and E. P. Rhodes. 141,670; June 19.
Airplane. E. W. Schlieben. 140,646; Mar. 20.
Airplane. H. A. Sutton. 140,919; Apr. 17.
Airplane. A. J. Thiebiot. 140,220; Jan. 30.
Airplane. P. Walker. 139,898; Jan. 2.
Airplane. M. Watter. 140,127–30; Jan. 23.
Airplane, Amphibian. T. C. Patecell. 141,426; May 29.
Airplane and submarine, Combination. H. Harrington. 143,313; Dec. 25.
Airplane carrier. A. O. Kelly. 140,355; Feb. 13.
Airplane, Glider. V. S. Jensen. 139,998; Jan. 9.
Airplane or similar article. P. Porcelli. 143,351; Dec. 25.
Airplane, Transport. E. H. Heinemann and L. J. Devlin. 140,302; Feb. 6.
Air vent and fluid outlet can punch, Combined. A. M. Jacobson. 141,239; May 15.
Amusement apparatus, Coin controlled. J. F. Meyer. 140,771; Apr. 10.
Amusement device. H. E. Anderson. 140,006; Jan. 16.
Amusement device. J. H. Jones. 142,562; Oct. 16.
Amusement device, Coin-controlled. J. F. Meyer. 141,095; May 8.
Animal figure toy. W. Smith. 141,771; July 3.
Apparatus for hardening metal pieces, Heat treating. T. A. Waits. 142,148; Aug. 14.
Appliqué or similar article. H. Staubli. 141,645; June 19.
Apron. Joseph and Jack Nachman. 140,532; Mar. 6.
Apron, Reversible. A. S. Baker. 140,330; Feb. 13.
Apron, Tool bag. F. R. Stewart. 141,919; July 31.
Arm, Phonograph pickup. L. J. Wronke. 142,052; Aug. 14.
Ashtray. B. Blecher. 140,460; Feb. 27.
Ash tray. B. Blecher. 142,692–4; Oct. 30.
Ash tray. E. J. Lytle. 142,722; Oct. 30.
Ash tray and holder for smokers' articles, Combined. J. G. Vasquez. 142,753; Oct. 30.
Ash tray or similar article. G. L. Beckstrom. 140,331–2; Feb. 13.
Atomizer. C. F. Boe. 143,264; Dec. 25.
Atomizer. F. R. High. 140,598; Mar. 20.
Atomizer. E. Williams. 143,378; Dec. 25.
Attachment for live booms, Scraper. K. J. Kennedy. 142,993; Aug. 14.
Auger, Ice. R. D. Green. 141,685; June 26.
Automobile. W. S. Hewson. 142,030; Aug. 14.
Automobile. E. C. Wells, D. J. Euler, and N. A. Collins. 142,455–7; Sept. 25.
Back for a billfold or similar article. S. J. Smallman. 139,916; Jan. 2.
Back for a wallet or similar article. M. R. Helfgott. 141,042–4; May 1.
Back for an electric switch. E. J. Baumgardner. 141,101; May 8.
Back for billfold or similar article. S. Hack. 140,710; Apr. 3.
Badge, Emblem. A. H. Lantau. 141,212; May 15.
Badge or similar article. V. Mattessich. 141,933; July 31.
Bag, Combined shoe and umbrella. O. Pascal. 140,519; Mar. 6.
Bag, Cosmetic. F. Frederics. 140,323; Feb. 13.
Bag for hot water or ice, Double. F. E. Woodruff. 140,199; Jan. 30.
Bag, Herb. J. E. Vivaudou. 143,255; Dec. 18.
Bag or similar article, Shoulder. E. J. Biel. 140,470; Feb. 27.
Bag or similar article, Sleeping. B. C. Rose. 140,917; Apr. 17.
Bag, Sachet. J. E. Vivaudou. 143,252–3; Dec. 18.
Bag, Umbrella. O. Pascal. 140,671; Mar. 27.
Bait, Trolling plug. H. P. Olson. 140,296; Feb. 6.
Balancing device, Wheel. A. N. Butler. 141,990; Aug. 7.
Ball, Playing. H. D. Glass. 141,546; June 12.
Balustrade, Escalator. O. Hohnecker. 140,600; Mar. 20.
Band or similar article, Wrist watch. M. Coogan. 140,473; Feb. 27.
Bandana. L. B. Jordan. 140,691; Mar. 27.
Bank, Coin. R. V. Moran. 142,106; Aug. 14.
Bank, Novelty coin. A. L. Edgerle. 140,815; Apr. 10.
Bank Savings. L. Ditchik. 141,813; July 10.
Bank, Savings. H. McM. Garee. 141,260; May 15.
Banner, Memorial. E. Spencer. 141,001; Apr. 24.
Bar, Liquor. H. J. and R. Roberts. 139,893–4; Jan. 2.
Bar, Oil. F. L. Ayres. 142,687; Oct. 30.
Barbecue or similar article, Portable. G. W. Jones. 142,417–18; Sept. 25.
Barbecue or similar article, Portable. J. S. Ward. 141,389; May 29.
Barbecue or similar article, Portable. J. S. Ward. 141,910; July 31.
Baseball game device. M. C. Meyer. 142,723; Oct. 30.
Base for an oil burner or the like. H. Weyenberg and C. Quist. 139,957; Jan. 9.
Base or similar article, Dresser. W. A. Rundell. 143,354; Dec. 25.
Basin, Shampoo. V. M. Iabell. 140,095; Jan. 23.
Basket. M. Rajah. 143,095; Dec. 4.
Basket and bathinette, Combination clothes. J. A. Deerwester. 141,361; May 29.
Bath and dressing stand, Combination baby K. H. Morrey. 142,107; Aug. 14.
Bath, Baby. P. W. Douglas. 142,253; Aug. 21.
Bath tub. E. L. Fleischhauer. 143,204; Dec. 18.
Battery. C. B. Stevens. 143,361–2; Dec. 25.
Battery charger or similar article. M. L. Pugh. 143,027; Nov. 27.
Battery tester and charger, Combined. J. D. Maultsby, Jr. 143,088; Dec. 4.
Bead or the like, Rosary. C. McNamara. 140,854; Apr. 10.
Bearing and bearing retainer for rotating shaft positioned in a column, Intermediate. L. Aker. 143,258; Dec. 25.
Beater, Food. F. F. Latshaw. 141,900; July 31.
Bed or similar article, Studio. E. B. Miller. 141,375; May 29.
Bedspread or the like. J. J. Maibach. 143,010–16; Nov. 27.

Bell, Spanish doll souvenir tea. C. E. Hollander. 141,636; June 19.
Belt. E. L. Sharp. 140,270; Feb. 6.
Belt and purse, Combined. E. Hentz. 142,781–2; Nov. 6.
Belt and shoulder strap bag or the like, Combination. W. D. Phelps. 139,891; Jan. 2.
Belt, Lady's. K. M. Smith. 141,429; May 29.
Belt or similar article. D. Rosenstein. 140,044; Jan. 16.
Belt or similar article. S. Saponoff. 139,947; Jan. 2.
Bench center. C. B. Stevens. 141,152; May 8.
Beverage dispensing unit. R. Yuza and J. W. Srodulski. 141,643; July 10.
Bib, Child's. M. M. Cameron. 143,268; Dec. 25.
Bib or the like. F. P. McSwiggen. 141,649; June 19.
Bicycle. Le R. W. Sly. 141,926; July 31.
Bicycle, Tandem. F. W. Schwinn. 141,505; June 5.
Billfold. W. A. Pence. 141,310–11; May 22.
Billfold. W. A. Pence. 141,380–1; May 29.
Billfold. W. A. Pence. 143,093; Dec. 4.
Billfold. W. A. Pence and L. S. Spielmann. 141,836; July 10.
Billfold. A. O. Schoenbeck. 140,486; Feb. 27.
Billfold. L. Seamon. 140,103; Jan. 23.
Billfold. L. Seamon. 143,040–1; Nov. 27.
Billfold. M. Smallman. 141,316; May 22.
Billfold and change purse, Combined flexible. R. Gerth. 142,150; Aug. 14.
Billfold, change purse and keyholder, Combined. S. J. Smallman. 141,414; May 29.
Billfold or similar article. D. J. Nash. 141,934–6; July 31.
Billfold or similar article. L. Seamon. 141,434; May 29.
Bin, Grain. V. C. Norquist and W. B. Larkin. 141,498; June 5.
Binocular. D. N. Bugel. 140,437; Feb. 27.
Binocular. G. Kende. 140,730; Apr. 3.
Binoculars. P. H. Case and S. Johanson. 140,375; Feb. 20.
Birdhouse unit. D. B. Hyde. 140,175; Jan. 30.
Bird shelter and feeding station, Combined. D. B. Hyde. 142,561; Oct. 16.
Blackboard-desk, Convertible. C. E. Meyerhoefer. 141,290; May 22.
Blade or similar article, Whipper. F. K. Storm. 143,247; Dec. 18.
Blade, Propeller. A. C. Kather. 141,209; May 15.
Blanket, Dog. A. Ardmore. 142,815; Nov. 13.
Blind for bridles. J. D. Padgitt. 140,879; Apr. 17.
Blind head-bar center support, Venetian. J. Nisenson. 140,291; Feb. 6.
Block for use in applying tire chains. P. C. Lyons. 142,220; Aug. 21.
Block, Offset valve vulcanizing. H. S. Aaronson. 140,494; Mar. 6.
Block, Sandpapering hand. S. Doniger. 141,159; May 8.
Block unit for flexible panels. G. Soussloff. 140,258; Feb. 6.
Blotter, Roller. L. Cotton. 141,954; Aug. 7.
Blouse. A. M. Katz. 140,267; Feb. 6.
Blouse. J. and J. Nachman. 141,576; June 12.
Blouse, Tunic. J. Walker. 140,221; Jan. 30.
Board and periodical support, Combined game. J. G. Rolley. 142,123; Aug. 14.
Board, Bowling game. R. F. Boening. 142,770; Nov. 6.
Board, Cribbage. J. W. England, Jr. 141,206; May 15.
Board, Cribbage. C. R. Reaves. 142,791; Nov. 6.
Board, Display. E. B. Huber. 141,305; May 22.
Board, Drafting. V. J. Kritske. 141,526; June 12.
Board, Game. S. G. O'Leary. 142,112; Aug. 14.
Board, Game. H. Overend. 141,639; June 19.
Board, Game. H. C. Perrin. 142,194; Aug. 14.
Board, Game. C. W. Redpath. 142,790; Nov. 6.
Board, Game. J. G. Rolley 142,122; Aug. 14.
Board or similar article, Game. J. C. Pratt. 142,440; Sept. 25.
Boat. W. H. Miller. 142,889; Nov. 13.
Bobbin or similar article, Yarn. G. Fowler. 140,474; Feb. 27.
Body for slide fasteners, Slider. M. C. Alveson. 140,583; Mar. 27.
Body for swing spout faucet, Valve. D. E. Davidson 140,318; Feb. 13.
Body, Locomotive J. Markestein. 142,098–104; Aug. 14.
Bomb, Aeronautical. R. H. Arbib. 142,293; Aug. 28.
Bomb releasing shackle. D. I. Sloan. 140,218–19; Jan. 30.
Bomb-sight toy, Projectile-dropping. G. W. Isgrig. 141,207; May 15.
Bond and policy folder, or the like. J. Moses. 139,888; Jan. 2.
Bookend. W. E. Lind. 140,796; Apr. 10.
Book end. D. J. Smith. 142,745; Oct. 30.
Book end and holder for a magazine or similar article, Combined. H. Poschin. 141,150; May 8.
Book end and picture frame, Combined. J. F. McGonigal. 140,181; Jan. 30.
Bookmark and greeting card, Combined. J. V. Scott. 142,500; Oct. 2.
Book or article of similar nature. W. Rogow. 142,669–70; Oct. 23.
Boot, Infant's. B. L. Veach. 142,157; Aug. 14.
Boring machine. O. E. Schurr. 140,986; Apr. 24.
Bottle. F. E. Ansell. 140,791; Apr. 10.
Bottle. G. M. Clevenger. 142,615–16; Oct. 23.
Bottle. J. D'Amato. 140,841; Apr. 10.
Bottle. P. A. Derham. 142,630; Oct. 23.
Bottle. F. Frederics. 143,296; Dec. 25.
Bottle. H. Genske. 142,778; Nov. 6.
Bottle. C. K. Gordon. 140,842; Apr. 10.
Bottle. G. S. Gruber. 141,171; May 8.
Bottle. R. P. Kunett. 141,023; Apr. 24.
Bottle. F. C. Nahser. 140,394; Feb. 20.
Bottle. J. H. Newport, Jr. 142,654; Oct. 23.
Bottle. L. Pollack. 140,935; Apr. 17.
Bottle. P. Rand. 140,350; Feb. 13.
Bottle. J. Serra. 140,741; Apr. 3.
Bottle. J. Serra. 140,755; Apr. 3.
Bottle. H. Worth and M. D. Goldsmith. 143,057; Nov. 27.
Bottle and can opener, Folding combination. V. C. Porter. 143,241; Dec. 18.
Bottle and container, Combined. M. Leduc. 142,276; Aug. 21.
Bottle and cover, Combined perfume. J. Silston. 141,987; Aug. 7.
Bottle, Beverage. E. R. Stackpole. 142,746; Oct. 30.
Bottle capper head. R. Sonnenberg. 140,233; Feb. 6.
Bottle holder and warmer combined. E. J. Cain. 142,947; Nov. 20.
Bottle, Milk. Bo Adlerbert. 141,569; June 12.
Bottle, Nursing. R. D. Morse. 140,467; Feb. 27.
Bottle opener and cutter or similar article, Combined. J. G. Moore. 143,233; Dec. 18.
Bottle or similar article. A. A. Flaster. 140,746; Apr. 3.
Bottle or similar article. M. S. Ireys. 140,210; Jan. 30.
Bottle or similar article. G. J. Riha. 139,892; Jan. 2.
Bottle or similar article. J. S. Steelman. 143,044; Nov. 27.
Bottle or similar article, Perfume. J. D. Buckingham. 141,775; July 3.
Bottle, Perfume. H. Glibert. 142,999; Nov. 27.
Bottle, Stock. P. B. Robinson. 140,937; Apr. 17.
Bowl. E. Lowdermilk. 143,086; Dec. 4.
Bowl, Electric light. A. J. D. Ohm. 142,579–83; Oct. 16.
Bowl or similar article. W. L. Orme. 141,034; May 1.
Bowling ball carrier or the like. H. H. Podjus. 141,742; July 3.
Box. R. H. Clark. 140,559; Mar. 13.
Box. E. Coleman. 142,179–81; Aug. 14.
Box. E. A. Lefebre. 140,866; Apr. 10.
Box and ash tray holder, Combined cigarette. A. M. Wolfson. 140,704; Mar. 27.
Box, Card display. R. J. Gelinas. 141,760; July 3.
Box, Cigarette. R. Newman. 140,290; Feb. 6.
Box, Display. J. P. Sawyer. 140,985; Apr. 24.
Box, Display. J. P. Sawyer. 141,077; May 1.
Box for a spool of fishing line or the like, Combined shipping and display. J. T. Crandall. 140,903; Apr. 17.
Box for children's jewelry. M. M. Forman. 142,996; Nov. 27.
Box for holding an electric shaver or similar article, Display. L. N. Keene. 141,766; July 3.
Box for stationery, Display. I. Wansker. 141,245; May 15.
Box, Knife. A. M. Mazzarelli. 142,574; Oct. 16.
Box or article of similar nature, Cigarette. C. L. Fordyce. 142,182; Aug. 14.
Box or similar article. B. Lamotte. 142,095; Aug. 14.
Box or similar article. W. O. Lawson. 140,632; Mar. 20.
Box or similar article. A. Lieberfield. 140,736; Apr. 3.
Box, or similar article, Cigarette. M. L. Goldbert. 140,748; Apr. 3.
Box or similar article, Cigarette. S. E. Toussaint. 141,727; June 26.
Box or similar article, Display. M. Walhimer. 142,504; Oct. 2.
Box or similar article, Ornamental. E. Norman. 141,848; July 10.
Box, or similar article, Powder. J. D. Buckingham. 140,388; Feb. 20.
Box or similar receptacle, Cigarette. E. Burtis. 143,267; Dec. 25.
Box or the like, Plastic. E. Norman. 141,266; May 15.
Box, Shoe shine. J. T. Pearson, Jr. 143,092; Dec. 4.
Box, Vanity. L. P. Root. 140,874; Mar. 27.
Bracelet. H. S. Benbow. 142,939–41; Nov. 20.
Bracelet. W. Halpern. 140,230; Feb. 6.
Bracelet. W. Halpern. 140,712; Apr. 3.
Bracelet. A. Katz. 140,948; Apr. 24.
Bracelet. A. Katz. 141,122; May 8.
Bracelet. G. J. Lederer. 142,314; Aug. 28.
Bracelet. G. J. Lederer. 142,956–8; Nov. 20.
Bracelet. G. J. Lederer. 143,147; Dec. 11.
Bracelet. G. J. Lederer. 143,328; Dec. 25.
Bracelet. A. Philippe. 140,780; Apr. 10.
Bracelet. S. Ray-Dupuis. 141,652–4; June 19.
Bracelet and watch, Combined. H. Graeter. 142,713; Oct. 30.
Bracelet or similar article. S. Fischer. 140,282; Feb. 6.
Bracelet or similar article. H. M. Hartley. 142,414; Sept. 25.
Bracelet or similar article. W. W. Hobé. 140,930–1; Apr. 17.
Bracelet or similar article. W. W. Hobé. 140,939; Apr. 24.
Bracelet or similar article. W. W. Hobé. 141,342; May 22.

Bracelet or similar article. W. W. Hobé. 141,366; May 29.
Bracelet or similar article. W. W. Hobé. 141,369; May 29.
Bracelet or similar article. W. W. Hobé. 141,442–6; June 5.
Bracelet or similar article. W. W. Hobé. 143,317; Dec. 25.
Bracelet or similar article. A. Katz. 142,564–5; Oct. 16.
Bracelet or similar article. D. H. Millard. 142,887; Nov. 13.
Bracelet or similar article, Flexible band for. V. Guglielmi. 143,001; Nov. 27.
Bracelet or similar article, Flexible band for a. V. Guglielmi. 142,859; Nov. 13.
Bracelet or similar article, Link chain for. M. Rossein. 142,906; Nov. 13.
Bracelet, Watch. W. A. Zorichak. 142,684; Oct. 23.
Bracket and memorandum pad, Combined. J. C. Meeks. 141,242; May 15.
Bracket, Combined window shade and curtain. N. W. White. 142,538; Oct. 9.
Bracket, Curtain. N. W. White. 142,539–40; Oct. 9.
Bracket, Curtain-drapery. M. H. Pavese. 140,446; Feb. 27.
Bracket for supporting wires. C. Peckerman. 141,427; May 29.
Bracket, Handle cover. F. F. Pfefferkorn. 143,238; Dec. 18.
Bracket, Sign supporting. V. Werkmeister. 142,604; Oct. 16.
Bracket, Telephone jack. L. B. Haigh and F. A. Stearn. 143,308–9; Dec. 25.
Bracket, Wall. R. E. Haynes. 140,392; Feb. 20.
Bracket, Wall. J. C. Meeks. 139,885; Jan. 2.
Brassiere. R. O. Ferguson. 141,777; July 3.
Brassiere. E. N. Graham. 141,575; June 12.
Brassiere. J. J. Lo Cascio. 143,331; Dec. 25.
Brassiere or similar article. H. G. Paul. 140,484; Feb. 27.
Brassiere or similar garment. R. J. Redares. 143,165; Dec. 11.
Breathing apparatus. J. B Littlefield, J. H. Schneider, and W. P. Yant. 143,084–5; Dec. 4.
Breathing apparatus. J. H. Schneider. 143,097; Dec. 4.
Bridge compact. S. P. Harmon. 141,238; May 15.
Bridge for an ophthalmic mounting. W. C. Eaton. 142,316; Aug. 28.
Brim holder for spiral stitching of hats, Flat. I. Klainbard. 140,383; Feb. 20.
Broiler, Electric. C. E. Waltman. 141,477; June 5.
Broiler heating unit, Electric. M. A. Feinstein. 140,442; Feb. 27.
Brooch, compact, lipstick, and comb, Combined. R. L. Fisk. 142,473; Oct. 2.
Brooch or similar article. J. Arpels. 140,725; Apr. 3.
Brooch or similar article. G. Bachner. 141,435; June 5.
Brooch or similar article. N. Barbieri. 140,007–10; Jan. 16.
Brooch or similar article. N. Barbieri. 140,888–91; Apr. 17.
Brooch or similar article. N. Barbieri. 142,816–26; Nov. 13.
Brooch or similar article. B. Brook. 140,637; Mar. 20.
Brooch or similar article. S. Fischer. 140,067; Jan. 16.
Brooch or similar article. C. A. Furst. 142,553–6; Oct. 16.
Brooch or similar article. A. M. Johnson. 142,077–86; Aug. 14.
Brooch or similar article. A. Katz. 141,457; June 5.
Brooch or similar article. A. Katz. 141,467–70; June 5.
Brooch or similar article. A. Katz. 141,637; June 19.
Brooch or similar article. A. Katz. 141,687; June 26.
Brooch or similar article. A. Katz. 141,901; Aug. 7.
Brooch or similar article. A. Katz. 142,183–90; Aug. 14.
Brooch or similar article. A. Katz. 142,201; Aug. 14.
Brooch or similar article. A. Katz. 142,214; Aug. 21.
Brooch or similar article. A. Katz. 142,420–3; Sept. 25.
Brooch or similar article. A. Katz. 142,483; Oct. 2.
Brooch or similar article. A. Katz. 142,567–70; Oct. 16.
Brooch or similar article. A. Katz. 142,645–6; Oct. 23.
Brooch or similar article. A. Katz. 143,211–22; Dec. 18.
Brooch or similar article. P. Kaufman. 142,647; Oct. 23.
Brooch or similar article. A. Philippe. 142,584–5; Oct. 16.
Brooch or similar article. A. Philippe. 142,658–63; Oct. 23.
Brooch or similar article. A. Philippe. 142,905; Nov. 13.
Brooch or similar article. O. F. Placco. 141,382–4; May 29.
Brooch or similar article. F. Powell. 142,278; Aug. 21.
Brooch or similar article. H. Strauss. 140,045; Jan. 16.
Brooch or similar article. J. A. Thunder. 141,178; May 8.
Brooch or similar article. G. Verrecchio. 142,921; Nov. 13.
Brooch or similar article of jewelry. M. Tanzi. 141,129–30; May 8.
Brooch or similar article of jewelry. M. Tanzi. 142,045; Aug. 14.
Brooch or similar article, Separable. A. Katz. 141,180; May 8.
Brooch or similar article, Separable. A. Katz. 141,345–8; May 22.
Brooch or similar article, Separable. A. Katz. 143,223–4; Dec. 18.
Brooch or the like. L. De Marco. 140,012–13; Jan. 16.
Brooch or the like. E. Kuhn. 139,944; Jan. 2.
Brooch, Separable. A. Katz. 140,014; Jan. 16.
Brooch, Separable. A. Katz. 140,326; Feb. 13.
Brooch, Separable. A. Katz. 140,602; Mar. 20.
Brooch, Separable. A. Katz. 141,073; May 1.
Brooch, Separable. A. Katz. 141,116; May 8.
Brooch, Separable. A. Katz. 141,118; May 8.
Brooch, Separable. A. Katz. 141,120–1; May 8.
Broom frame, Road. W. H. Lewis. 143,083; Dec. 4.
Brush, Finger nail lacquer polishing. J. Freeman. 142,138; Aug. 14.
Brush, Fountain stencil. M. W. Magann. 140,549; Mar. 6.
Brush or similar article, Suction cleaner. K. H. Wittke. 141,807; July 3.
Brush or similar article, Suction cleaner dusting. K. H. Wittke. 141,802; July 3.
Brush or the like, Fountain. W. C. Marsh. 141,833; July 10.
Brush, Tooth. R. D. Strieby. 142,917; Nov. 13.
Bubble device. C. H. Hagopian. 139,940; Jan. 2.
Bubble pipe or the like, Child's. J. E. Gilchrist. 140,708; Apr. 3.
Bucket, Grab. B. J. Bodness. 140,594; Mar. 20.
Building, Towered L. W. W. Tackett. 141,568; June 12.
Bulb and clamp, Combined reflector. R. Wagner. 140,581; Mar. 13.
Bulb, Sealed beam lamp. S. I. Slater. 140,700; Mar. 27.
Bulldozer. H. W. Rockwell. 143,353; Dec. 25.
Burner, Oil. H. Weyenberg and C. Quist. 140,620; Mar. 20.
Butter measuring gauge. E. A. Davis. 140,049; Jan. 16.
Button. M. F. and M. E. Lannon. 142,217; Aug. 21.
Button or similar article. W. Drell. 140,158–59; Jan. 30.
Button or similar article. W. Drell. 141,139–43; May 8.
Button or the like, Lapel. K. Gross. 140,563; Mar. 13.
C-clamp. A. M. Sasgen. 143,096; Dec. 4.
Cab body or the like. R. L. Allen. 140,373; Feb. 20.
Cab, Tractor. C. Zeller. 142,671; Oct. 30.
Cabinet and cigarette container, Combined radio. H. Marienthal. 143,334; Dec. 25.
Cabinet and table, Combination. H. H. Twente 140,702; Mar. 27.
Cabinet, Base. J. Stanitz. 141,128; May 8.
Cabinet, Carbonator. P. H. Thompson. 143,172; Dec. 11.
Cabinet, Card display. R. J. Gelinas. 141,761; July 3.
Cabinet, Combination radio and phonograph. A. H. Girard. 142,637; Oct. 23.
Cabinet, Combination radio-phonograph. C. E. Grube. 142,139; Aug. 14.
Cabinet, Combined chopping block and cutlery. H. O. Browne and W. J. Klassen. 140,595; Mar. 20.
Cabinet, Combined dispensing and article display. A. E. Aldridge. 143,259; Dec. 25.
Cabinet, Combined radio and phonograph. A. D. Lambach. 140,379; Feb. 20.
Cabinet, Cooking stove. J. H. Benson. 140,048; Jan. 16.
Cabinet corner filler, Base. J. Stanitz. 141,017; Apr. 24.
Cabinet, Dictating machine. L. Z. La Forest and R. M. Somers. 140,913; Apr. 17.
Cabinet, Display. M. M. Drogin. 143,192–3; Dec. 18.
Cabinet, Display. J. E. Gauvreau. 141,237; May 15.
Cabinet, Display. D. T. Waddell. 142,049; Aug. 14.
Cabinet, Electro-therapeutic. P. Meminger. 141,012; Apr. 24.
Cabinet, End. J. Stanitz. 141,016; Apr. 24.
Cabinet for amusement device. C. E. Larson. 140,567; Mar. 13.
Cabinet for toys, Storage. J. H. Coller. 140,652; Mar. 27.
Cabinet, Frozen food. W. S. Connell. 143,140; Dec. 11.
Cabinet, Game. A. C. Haggstrom. 139,949; Jan. 9.
Cabinet, Game. N. A. Nelson. 143,236; Dec. 18.
Cabinet, Kitchen. H. W. Miller. 142,242–3; Aug. 21.
Cabinet, Kitchen. J. Stanitz. 141,014–15; Apr. 24.
Cabinet, Merchandise display. F. M. Ingersoll. 142,865; Nov. 13.
Cabinet, Merchandise display. J. Romadka. 141,385; May 29.
Cabinet, Music. H. Batlin. 142,768; Nov. 6.
Cabinet or similar article, Display. W. Raskin. 140,351; Feb. 13.
Cabinet or similar article, High frequency heat generator. V. Elconin. 141,257; May 15.
Cabinet or similar article, Refrigerator. T. R. Smith. 142,446; Sept. 25.
Cabinet or similar article, Towel. J. Rousso. 141,228; May 15.
Cabinet or similar article, Vending. S. Pinanski. 141,097; May 8.
Cabinet or the like, Cooler. S. J. Lonergan. 143,148; Dec. 11.
Cabinet or the like, Radio. T. Mehrer. 141,147; May 8.
Cabinet, Printing telegraph. W. J. Zenner. 140,135; Jan. 23.
Cabinet pull. E. M. Borchers. 140,759–60; Apr. 10.
Cabinet, Radio. C. A. Peterson. 142,155; Aug. 14.
Cabinet, Radio receiver. C. E. Grube. 142,140–2; Aug. 14.
Cabinet, Radio receiver. H. Terrell. 141,708; June 26.
Cabinet, Radio receiver. H. Terrell. 141,792; July 3.
Cabinet, Radio receiver. H. Terrell. 141,999; Aug. 7.
Cabinet, Radio receiver. H. Terrell. 142,156; Aug. 14.

Cabinet, Radio receiver. H. Terrell. 142,207; Aug. 14.
Cabinet, Refrigerated candy. A. Schupp. 140,537; Mar. 6.
Cabinet, Refrigerated display and storage. A. Schupp. 140,535–6; Mar. 6.
Cabinet, Refrigerated display and storage. A. Schupp. 140,538–42; Mar. 6.
Cabinet, Refrigerator. J. H. Benson. 140,047; Jan. 16.
Cabinet, Refrigerator. E. Keller. 142,715; Oct. 30.
Cabinet, Sink. C. S. Motter. 140,056–8; Jan. 16.
Cabinet, Suggestion. Left. G. Mills. 141,890; July 31.
Cabinet, Undersink. J. Stanitz. 141,125; May 8.
Cabinet, Wall. C. S. Motter. 140,216; Jan. 30.
Cabinet, Wall. J. Stanitz. 141,126–7; May 8.
Cabinet, Wall. J. Stanitz. 143,043; Nov. 27.
Cable support for bulldozers or the like, Overhead. G. E. Miller and R. N. Bennett. 140,466; Feb. 27.
Cable take-up, Quick-way. J. C. Jaques. 141,922; July 31.
Cake. L. Pache. 141,714; June 26.
Calculator. E. S. Guttmann. 141,710; June 26.
Calculator. J. M. Hobbs. 143,146; Dec. 11.
Calculator. A. H. Mueller. 142,226; Aug. 21.
Calendar base or similar article. C. Vermann. 140,921; Apr. 17.
Calendar, Deportment. D. P. Stanton. 142,265; Aug. 21.
Calendar, letter opener, and ruler, Combined. R. V. Henderson. 141,490; June 5.
Calendar, Perpetual. T. J. Ignall. 140,313; Feb. 13.
Calendar, Perpetual. M. J. Lewis. 142,431; Sept. 25.
Calendar, Perpetual. A. G. McNeill and L. N. Olsen. 141,924; July 31.
Calendar, Perpetual. S. H. Stupakoff. 141,969; Aug. 7.
Calendar unit, Desk. T. W. Norris. 141,267–8; May 15.
Caliper, Micrometer. F. C. Beekley. 143,114; Dec. 11.
Caliper or similar article. S. G. Smith. 141,865; July 10.
Camera. M. R. Hutchison, Jr. 140,009; Apr. 17.
Camera. G. L. Israel. 141,646; July 10.
Camera. W. D. Teague. 140,456; Feb. 27.
Camera housing. G. B. Pollock. 140,367; Feb. 20.
Camera housing, Surgical. G. B. Pollock. 140,368; Feb. 20.
Camera or the like, Photographic. J. Bolsey. 141,419; May 29.
Camera support. N. J. Creedon. 140,011; Jan. 16.
Can. C. F. Wargel and W. L. Brown. 141,415; May 29.
Can opener. S. A. McKittrick. 141,053; May 1.
Candleholder or article of similar nature. Glass. C. L. Fordyce. 141,721; June 26.
Candlestick. N. L. Wade. 140,938; Apr. 17.
Canister, Air purifying. W. P. Yant and K. B. Ray. 143,102; Dec. 4.
Canopy or similar article, Cockpit. E. O. Weining. 142,974; Nov. 20.
Cap, Bottle. D. R. Branen. 142,983; Nov. 27.
Cap. M. A. Dannenberg. 141,253–6; May 15.
Cap. M. A. Dannenberg. 142,162; Aug. 14.
Cap. P. M. Maxwell and W. J. Rusey. 140,040; Jan. 16.
Cap and measuring cup, Combined bottle. A. Wolff. 141,944; July 31.
Cap, Closure. W. B. Johnson. 141,764; July 3.
Cap, Container. P. A. Derham. 141,003; Apr. 24.
Cap, Container. P. A. Derham. 141,861; July 10.
Cap, Container. P. A. Derham. 142,376; Sept. 25.
Cap, Container. P. A. Derham. 142,547; Oct. 16.
Cap, Container. P. A. Derham. 142,619–29; Oct. 23.
Cap, Container. P. A. Derham. 142,844; Nov. 13.
Cap, Container. P. A. Derham. 142,990–1; Nov. 27.
Cap for a fluorescent lighting fixture, End. D. J. Biller. 140,387; Feb. 20.
Cap for a two-compartment container, Closure. W. D. Elsas, P. Lowengardt, and A. Scheftel. 143,289; Dec. 25.
Cap form. E. Perrault. 141,651; June 19.
Cap or similar article, Hub. G. A. Lyon. 141,288; May 22.
Cap remover and cork screw, Combination bottle. M. A. C. Johnson. 141,817; July 10.
Cap remover, Bottle. R. Block. 141,352; May 29.
Car body, Observation. J. E. Goodykoontz. 140,209; Jan. 30.
Car body, Railway. G. A. Jergenson. 143,322–3; Dec. 25.
Car, Railway. G. A. Jergenson. 143,324; Dec. 25.
Card, Playing. M. C. Meyer. 142,436; Sept. 25.
Card, Playing. D. R. Reed. 141,510; June 5.
Cards, Deck of playing. A. Poggi, D. Jordon, and A. Chuka. 143,240; Dec. 18.
Cards, Set of playing. L. Staub, G. Rittoff, and H. M. Gresen. 140,305; Feb. 6.
Carriage or similar article, Doll. W. T. MacCallum. 140,510; Mar. 6.
Carrier, Aircraft. C. Hannevig. 140,505; Mar. 6.
Carrier, Baby. C. A. De Pirro. 143,281–4; Dec. 25.
Carrier, Bottle. M. W. Bowersox. 140,114; Jan. 23.
Carrier, Bottle. H. U. Dernehl. 142,272; Aug. 21.
Carrier, Bottle. F. E. Green. 140,476; Feb. 27.
Carrier, Bottle. A. M. Jacobson. 142,783; Nov. 6.
Carrier, Bottle. J. J. Keuttel and J. M. Lawler. 140,340; Feb. 13.
Carrier for an electric switch, Contact. E. J. Baumgardner. 141,099; May 8.
Carrier for hearing-aid or battery. M. Corre. 140,653; Mar. 27.
Carrier, Golf club. T. Cross. 142,513; Oct. 9.
Cart and rocker, Combination child's. A. J. Cronk. 142,512; Oct. 9.
Cart, Milk can. O. W. Leonard. 143,329; Dec. 25.
Carton for edibles. L. Benoit. 141,793–4; July 3.
Carton for paper toilet seat covers. W. W. Dunnell. 140,560; Mar. 13.
Cartridge belt link. G. F. and R. French, and S. Warburton. 139,878–9; Jan. 2.
Case and shade indicator, Combined lipstick. A. Basescu. 141,199; May 15.
Case, Bottle. H. L. Livesay. 141,398; May 29.
Case, Cigar box display. R. B. Wemyss. 140,242; Feb. 6.
Case, Cigar counter display. R. B. Wemyss. 141,911; July 31.
Case, Cigar humidor display. R. B. Wemyss. 141,912; July 31.
Case, Cigarette. J. M. Beveridge and C. J. Cowan. 140,106; Jan. 23.
Case, Cigarette. J. M. Beveridge and C. J. Cowan. 142,511; Oct. 9.
Case, Cigarette. C. M. Pritzker. 140,447; Feb. 27.
Case, Cigarette. M. B. Siegel. 139,896; Jan. 2.
Case, Combined cigarette and igniter. H. E. Musselman and W. H. Buck. 140,571; Mar. 13.
Case, Combined cigarette and match. J. B. Nethercutt. 141,149; May 8.
Case, Display. P. O. Pedersen. 141,966; Aug. 7.
Case, Display. H. K. Tourneau. 142,750; Oct. 30.
Case for coin changing mechanism. H. Dunn. 141,032; May 1.
Case for gyro verticals, Indicating rotor. R. Haskins, Jr. and C. E. Barkalow. 139,881; Jan. 2.
Case for spectacles. M. Ripin. 141,037; May 1.
Case for wrist watches and the like, Display. W. Holbein. 139,882; Jan. 2.
Case, Hand luggage. G. G. Barton. 143,179; Dec. 18.
Case, Handkerchief. J. E. Vivaudou. 143,251; Dec. 18.
Case, Instrument. R. Holley. 143,319; Dec. 25.
Case, Jewelry. E. E. Koch. 140,097; Jan. 23.
Case, Lipstick. F. Frederics. 141,278; May 15.
Case, Lipstick. A. Olevin. 140,715; Apr. 3.
Case, Merchandise display. H. P. Glass. 142,027–9; Aug. 14.
Case, Merchandise display. H. P. Glass. 142,256; Aug. 21.
Case or similar article, Cigarette. M. Danziger. 140,926; Apr. 17.
Case or similar article, Cigarette. S. Dawer. 142,705; Oct. 30.
Case or similar article, Cigarette. H. Morris. 142,108; Aug. 14.
Case or similar article, Cigarette. M. B. Toklas. 142,449–51; Sept. 25.
Case or similar article, Lighter. J. H. Horsley. 140,349; Feb. 13.
Case or similar article, Lighter. J. S. Sherman. 141,183; May 8.
Case or similar article, Vanity. F. A. Finder. 141,364; May 29.
Case or similar article, Vanity. F. Spitalny. 140,522; Mar. 6.
Case or the like, Combined cigarette and ashtray. A. Brunschwig. 142,271; Aug. 21.
Case, Refrigerated display. R. E. Davis. 142,773; Nov. 6.
Case, Sachet. J. E. Vivaudou. 143,254; Dec. 18.
Case, Self-service display. C. F. Hoffman. 142,073; Aug. 14.
Case, Spectacle. L. Benner. 141,463–5; June 5.
Case, Spectacle. C. R. Jerry. 140,142; Jan. 30.
Case, Thermometer. H. Weksler. 140,091; Jan. 23.
Case, Thermometer. H. Weksler. 141,746; July 3.
Case, Vanity. P. Muller-Munk. 143,157; Dec. 11.
Case, Vanity. R. T. Plate. 141,984; Aug. 7.
Case, Vanity. W. D. Teague. 143,171; Dec. 11.
Case with transparent display windows, Cigarette. M. G. Gordon. 142,334; Aug. 28.
Case, Writing. E. E. Koch. 140,098; Jan. 23.
Casing, Bread toaster. J. Pavelka. 142,146; Aug. 14.
Casing, Fan. W. J. Campbell. 142,252; Aug. 21.
Casing for a calculating device. A. M. Swasey. 142,044; Aug. 14.
Casing for a calculating machine. N. S. Leichter and H. L. Clary. 141,214; May 15.
Casing for a calculating machine or the like. N. S. Leichter. 141,213; May 15.
Casing for a corn popping apparatus. C. J. Cretors. 141,107; May 8.
Casing for a picture projector or the like, Cover. O. R. Nemeth. 140,429; Feb. 27.
Casing for telephone units. W. J. Muldoon. 140,289; Feb. 6.
Casing, Oil burner. G. W. Walker. 140,236; Feb. 6.
Casing or similar article for plumbing fixtures. J. S. Judell. 140,693; Mar. 27.
Casing or similar article, Switch. H. G. Leupold. 140,570; Mar. 13.
Casing or similar article, Vacuum cleaner. G. W. Walker. 141,894; July 31.
Casing, Slide viewer. R. A. Hartley. 142,478; Oct. 2.
Casing, Vacuum cleaner. F. K. Storm, Jr. 142,535; Oct. 9.

Casing, Vacuum cleaner. G. W. Walker. 142,599–600; Oct. 16.
Casing, Vacuum cleaner. G. W. Walker. 142,972–3; Nov. 20.
Casket handle lug. G. C. Pahlow. 140,965; Apr. 24.
Caster. T. F. Young. 140,887; Apr. 17.
Casting machine. R. J. Lindsey. 143,009; Nov. 27.
Centering head. W. F. Boyce. 141,088; May 8.
Chain for a bracelet or similar article, Link. J. Braunstein. 141,170; May 8.
Chain for a bracelet or similar article, Link. G. E. Lederman. 140,552–3; Mar. 13.
Chain, Pintle. C. K. Johnson. 141,712–13; June 26.
Chair. D. A. and W. T. Anderson. 140,206; Jan 30.
Chair. C. J. Bannister. 141,647–8; June 19.
Chair. C. J. Bannister. 141,671; June 26.
Chair. S. Belz. 141,774; July 3.
Chair. L. Edelson. 141,550–1; June 12.
Chair. W. J. Forster. 140,502; Mar. 6.
Chair. E. H. Hunter. 143,005; Nov. 27.
Chair. A. E. Jones. 142,239; Aug. 21
Chair. J. Risom. 141,839; July 10.
Chair. M. S. Salmon and G. Dietz, Jr. 140,485; Feb. 27.
Chair. A. Taylor. 140,524; Mar. 6.
Chair and telephone stand, Combination. J. J. Schmedinghoff. 141,512; June 5.
Chair, Beach. D. H. Walker, Jr. 141,231; May 15.
Chair or analogous article, Adjustable office. J. R. Jones. 140,474; Feb. 27.
Chair or analogous article, Adjustable swivel. J. R. Jones. 140,464; Feb. 27.
Chair or similar article. B. Jufe. 140,751; Apr. 3.
Chair or similar article. B. R. Weill. 142,458; Sept. 25.
Chair or similar article. B. R. Weill. 142,681–2; Oct. 23.
Chair or similar article. B. R. Weill. 142,758; Oct. 30.
Chair or similar article. B. R. Weill. 142,801–2; Nov. 6.
Chair or similar article, Folding. J. B. Platt. 140,672; Mar. 27.
Chair or similar article, Infant's. L. C. Peltier. 141,076; May 1.
Chair or similar article, Miniature. E. Handler and H. R. Matson. 140,905; Apr. 17.
Chair, Rocking. F. McK. Kirkpatrick. 142,094; Aug. 14.
Chair, Rocking. W. C. Wright. 141,295; May 22.
Chair seat-back unit. R. C. Watson. 142,800; Nov. 6.
Chalk marker. M. Ingwer. 140,953; Apr. 24.
Chandelier. G. Kauders. 142,871; Nov. 13.
Charger, Gun. C. J. Schuler. 142,246; Aug. 21.
Charm or similar article. T. L. Carpenter. 140,648; Mar. 27.
Charm or similar article. H. Davis. 141,897; July 31.
Charm or the like. M. Jones. 139,941–2; Jan. 2.
Check gauge, Double and adjustable. E. Q. Glibert and L. F. Wahl. 140,597; Mar. 20.
Chest of drawers or similar article. E. B. Miller. 141,374; May 29.
Child's toy. A. K. Carver. 141,102–3; May 8.
Chime actuator. J. R. Corbett. 140,439; Feb. 27.
Chime and clock, Combined. N. Abramson. 141,479; June 5.
Chopper, Food. D. Papkin. 142,789; Nov. 6.
Chuck, Fluid pressure operated. E. A. F. Redmer. 142,120; Aug. 14.
Chuck or similar article. F. C. Perry. 141,243; May 15.
Chute, Coin. A. C. Haggstrom. 140,711; Apr. 3.
Cigar box counter display. R. B. Wemyss. 140,248; Feb. 6.
Cigarette case. M. B. Siegel. 142,276; Oct. 23.
Cigarette case and compact, Combination. L. Katz. 142,870; Nov. 13.
Cigarette case or similar article. H. Bogoff. 141,079; May 1.
Cigarette extinguisher and ash-tray, Combined liquid. W. Mazen and L. L. Nagle. 140,401; Feb. 20.
Cigarette rest and extinguisher. J. T. Murphy. 143,021; Nov. 27.
Cigarette roller. E. R. Herzog. 142,559; Oct. 16.
Cigarette rolling machine. C. S. Combs. 141,751; July 3.
Clamp. I. Knobel. 141,962; Aug. 7.
Clamp, Sucker rod. J. L. Haddock and S. Dixon. 142,558; Oct. 16.
Clasp, Earring. G. E. Carson. 142,373; Sept. 25.
Clasp, Tie. H. De Ambrogio. 141,678; June 26.
Claw, Milking machine. G. A. Anderson. 142,766; Nov. 6.
Cleaner and polisher, Combined electric. G. J. Soderberg. 140,386; Feb. 20.
Cleaner, Comb. P. D. Humphries. 140,728; Apr. 3.
Cleaner or similar article, Vacuum. L. H. Snyder. 142,329; Aug. 28.
Cleaner or the like, Dust mop. G. Bellstaedt. 141,087; May 1.
Cleaner, Vacuum. O. W. Timm. 142,198; Aug. 14.
Cleaner, Vacuum. G. W. Walker. 142,453; Sept. 25.
Clip and watch, Combination money. J. L. Younghusband. 142,357; Sept. 11.
Clip, Clothes. F. Coogler. 141,735; July 3.
Clip for fastening insulating materials to walls and ceilings. O. C. Eckel. 140,190; Jan. 30.
Clip for wearing apparel or similar article. J. F. Pivcevich. 141,949; Aug. 7.
Clip or similar article. J. Arpels. 142,010; Aug. 14.
Clip or similar article. A. M. Johnson. 142,087–8; Aug. 14.
Clip or similar article. A. Katz. 142,191–2; Aug. 14.
Clip or similar article. A. Katz. 142,200; Aug. 14.
Clip or similar article. A. Katz. 142,642–4; Oct. 23.
Clip or similar article. A. Philippe. 140,843–4; Apr. 10.
Clip or similar article. A. Philippe. 140,855–6; Apr. 10.
Clip or similar article. A. Philippe. 140,897–8; Apr. 17.
Clip or similar article. A. Philippe. 141,907; July 31.
Clip or similar article. A. Philippe. 142,586–7; Oct. 16.
Clip or similar article. A. Philippe. 142,664–6; Oct. 23.
Clip or similar article, Bill. H. L. Lambert and W. Cole. 142,571; Oct. 16
Clip or similar article, Hair. G. Goldman. 142,476; Oct. 2.
Clip or the like, Fastening. V. Pereira. 141,502; June 5.
Clip, Pin. A. Katz. 140,143; Jan. 30.
Clip, Switch and fuse securing. D. Conlan. 140,861–2; Apr. 10.
Clock. H. A. Frost, Jr. 142,552; Oct. 16.
Clock. R. M. Heintz. 140,816; Apr. 10.
Clock and door chime, Combined. N. Abramson. 143,106; Dec. 11.
Clock and radio, Combination. H. Lewy. 141,189; May 8.
Closure and dispensing device, Bottle. J. C. Windbiel. 140,804; Apr. 10.
Closure, Dispensing. D. H. Segerlund. 140,872; Apr. 10.
Closure for paste containers, Dispensing. T. J. D. Russell. 141,595; June 12.
Closure for salt cellars and the like, Dispensing. A. Hammerstein. 142,410; Sept. 25.
Cloth-plate for a sewing machine. N. Knaus. 142,426; Sept. 25.
Clothespin. A. M. Andrews. 142,813; Nov. 13.
Clothespin. V. Balmer. 140,634; Mar. 20.
Clothespin. A. M. Jacobson. 140,443; Feb. 27.
Clothespin. A. M. Jacobson. 140,729; Apr. 3.
Clothespin. E. T. Lane. 140,479; Feb. 27.
Clothespin. F. F. Oen. 141,638; June 19.
Clothespin. W. L. Scharf. 142,499; Oct. 2.
Clothespin. E. J. Selldin. 141,412; May 29.
Clothespin. W. K. Vining. 142,249; Aug. 21.
Clothespin. E. C. Yeager. 142,683; Oct. 23.
Coaster and ash tray, Combined. G. V. Post. 143,352; Dec. 25.
Coaster and tray, Combined. W. D. Krass. 139,954; Jan. 9.
Coat. S. Beck. 140,112; Jan. 23.
Coat. D. Bellsey. 142,936–8; Nov. 20.
Coat. S. Dumler. 141,921; July 31.
Coat. S. Dumler. 141,928; July 31.
Coat. S. Dumler. 142,515; Oct. 9.
Coat. N. Finkelstein. 141,021; Apr. 24.
Coat. M. Frascino. 141,755–6; July 3.
Coat. M. Frascino. 142,025; Aug. 14.
Coat. P. Graber. 141,830; July 10.
Coat. A. Gruber. 140,036; Jan. 16.
Coat. A. Gruber. 140,191; Jan. 30.
Coat. A. Gruber. 141,404–8; May 29.
Coat. A. Gruber. 141,489; June 5.
Coat. A. Gruber. 141,661–4; June 19.
Coat. A. Gruber. 141,930–1; July 31.
Coat. A. Gruber. 142,070; Aug. 14.
Coat. A. Gruber. 142,638; Oct. 23.
Coat. N. A. Rauch. 141,026; Apr. 24.
Coat. S. Zimmerman. 141,417–18; May 29.
Coat. S. Zimmerman. 141,937; July 31.
Coat, Childs. E. Fischer. 140,686; Mar. 27.
Coat dress or similar article. L. Raab. 141,504; June 5.
Coat, House. M. F. Hauck. 139,910–11; Jan. 2.
Coat or similar article. S. Karp. 143,209–10; Dec. 18.
Coffee maker. D. Chapman. 140,157; Jan. 30.
Coffee maker. J. Kaiser, Jr. 140,444; Feb. 27.
Coffee urn or similar article, Automatic. D. F. Swanson. 141,943; July 31.
Collar, Detachable. H. Inverne. 139,997; Jan. 9.
Colter, Rolling. P. Stoner. 141,451; June 5.
Comb. J. Brunetti. 141,040; May 1.
Comb. J. Brunetti. 141,665–6; June 19.
Comb. T. Friedman. 142,167; Aug. 14.
Comb. W. Harvey. 140,928–9; Apr. 17.
Comb. R. Hendrix. 141,115; May 8.
Comb. L. Marder. 140,277; Feb. 6.
Comb. E. A. Westerlund. 141,460; June 5.
Comb and holder, Combined pocket. C. E. Ulrich. 141,920; July 31.
Comb, Hair. D. A. Alder. 142,930; Nov. 20.
Comb or similar article, Ornamental. C. Wandt. 140,413; Feb. 20.
Comb or the like. J. C. Foster. 142,711; Oct. 30.
Compact. J. M. Beveridge. 142,315; Aug. 28.
Compact. P. Blume. 141,601; June 19.
Compact. A. R. Botham. 142,340–1; Aug. 28.
Compact. J. Casalino. 143,058; Dec. 4.
Compact. W. B. Crane. 140,440; Feb. 27.
Compact. P. A. Derham. 140,189; Jan. 30.
Compact. P. Harper. 143,311; Dec. 25.
Compact. V. C. Le Sage. 140,877; Apr. 17.
Compact. L. Nelson. 143,158–9; Dec. 11.
Compact. J. H. Newport, Jr. 142,578; Oct. 16.
Compact. D. A. Witt. 141,860; July 10.
Compact or similar article. H. Bogoff. 140,495; Mar. 6.
Compact or similar article. Z. Zemby. 143,380; Dec. 25.
Compact or the like. J. H. Newport, Jr. 141,055; May 1.
Compact or the like. R. Shatkin. 142,674; Oct. 23.

Compact, Powder. W. E. Gerbing. 140,115; Jan. 23.
Compass, Beam. J. S. Mahler. 142,573; Oct. 16.
Compass, Magnetic. L. Wolfe. 140,578; Mar. 13.
Compotier or article of similar nature. C. L. Fordyce. 141,587; June 12.
Computer. C. A. Olson. 143,160; Dec. 11.
Condenser, Dustproof multisection. M. V. Weiss. 141,478; June 5.
Condiment server. H. W. Krupp. 141,276; May 15.
Connector, Solderless electrical. C. A. Martin. 141,409; May 29.
Container and dispenser, Combination cigarette. J. C. Eubank. 140,561; Mar 13.
Container bottom. W. F. Wise and L. A. Fannon. 140,415; Feb. 20.
Container cap. A. H. Jung. 140,176; Jan. 30.
Container for bottles and other articles. J. E. Wilson. 140,404; Feb. 20.
Container for bottles and other articles. W. F. Wise. 140,414; Feb. 20.
Container for bottles and other articles. W. F. Wise and L. A. Fannon. 140,403; Feb. 20.
Container for bottles, Insulated. P. Schlumbohm. 142,795; Nov. 6.
Container for cooking utensils, food or the like. R. L. Holland and W. F. Neesen. 142,415; Sept. 25.
Container for holding medical ingredients and implements. H. F. Christner, F. A. Lobley, and C. F. Miles. 140,925; Apr. 17.
Container for poker chips. T. K. Almroth. 142,609; Oct. 23.
Container for water treating material. C. H. Morrow. 142,577; Oct. 16.
Container, Lipstick. P. Spiegel. 142,679; Oct. 23.
Container, or the like, Lipstick. L. Renaud. 142,228; Aug. 21.
Container, Portable clothes. A. C. Botsford and C. J. Chasse. 142,058; Aug. 14.
Containers and bottles, Combined display. R. B. Karoff. 141,240; May 15.
Containers for cosmetics. M. Walhimer. 141,728; June 26.
Control and instrument panel for, Battery chargers or similar articles. M. L. Pugh. 143,026; Nov. 27.
Control fitting, Pipe-line. L. S. Hamer. 142,362; Sept. 11.
Control plate, Fitting carrying pipe line. L. S. Hamer. 142,408–9; Sept. 25.
Control unit, Hoist. H. W. Rockwell. 143,029; Nov. 27.
Converter for suction cleaners. G. W. Walker and K. A. Hopkins. 142,537; Oct. 9.
Cooker, Electric. C. M. Sharpe. 140,802; Apr. 10.
Cooker or similar article, Pressure. W. J. Stedman. 141,388; May 29.
Cooker or the like, Pressure. W. A. Kendall. 141,818–20; July 10.
Cooker, Pressure. S. W. Farber. 143,291–2; Dec. 25.
Cooker, Pressure. N. W. Keller. 142,716; Oct. 30.
Cookers, Relief valve for pressure. N. W. Keller. 142,717; Oct. 30.
Cooking vessel. W. A. Burnette. 140,497; Mar. 6.
Corner element for hardboard box. H. C. Dee. 140,286; Feb. 6.
Corner piece for containers. I. M. Ikelheimer. 141,940; July 31.
Costumer. O. Mankki. 141,722; June 26.
Costumer. F. T. Paden. 141,786; July 3.
Costumer and shelf unit or similar device, Combination of. B. E. Levin. 142,096; Aug. 14.
Cot or similar article, Collapsible. T. Schanzer. 140,297; Feb. 6.
Counter. R. J. Sharp. 140,544; Mar. 6.
Counter, Display. C. J. Christopher. 140,249; Feb. 6.
Coupling and clamping device, Combination pipe. W. S. Campbell. 142,834; Nov. 13.
Coupling for a drawn vehicle, Gooseneck. W. E. Martin. 142,881–4; Nov. 13.
Coupling for holding paint brushes, Jar. T. O. Fredell. 142,849; Nov. 13.
Coupling, Pipe. E. W. Baxter. 142,057; Aug. 14.
Cover, Bible book. F. Tatar. 141,970; Aug. 7.
Cover for voice recording machines, Dust. C. C. Walker. 141,646; June 19.
Cover or similar article, Luggage. M. L. Diskin. 141,828; July 10.
Cover or similar article, Meat mold. F. H. Hoy. 140,093–4; Jan. 23.
Cover or similar article, Milk can. V. W. Ferris. 142,701; Oct. 30.
Cover, Radiator. R. Golding. 140,070; Jan. 16.
Cover, Watch case. L. Saks. 142,230; Aug. 21.
Cover, Wheel. E. L. Wood. 139,874; Jan. 2.
Cracker. R. Forte. 141,977; Aug. 7.
Cradle. J. S. Woron. 141,294; May 22.
Crane, Tractor carried. C. C. Baldwin. 142,134; Aug. 14.
Crane, Truck. H. A. and G. H. Wagner. 140,592; Mar. 13.
Crane, Vehicle-mounted. G. V. Johnson. 140,662; Mar. 27.
Crane with load arm accessory, Vehicle mounted. R. C. Shoemaker. 140,858; Apr. 10.
Creamer. L. E. Bauer. 141,201; May 15.
Crib and cabinet, Combination. A. E. Vandeventer. 142,266; Aug. 21.
Cribbage board. V. J. McGonigle and W. I. Thomas. 141,449; June 5.
Crucible or similar article. J. J. Ripich. 142,792; Nov. 6.
Crutch. T. B. Brickson. 140,188; Jan. 30.
Crutch grip. F. Fink. 142,549; Oct. 16.
Cultivator, Garden H. Pearce. 142,174; Aug. 14.
Cup or article of similar nature, Glass. C. L. Fordyce. 141,516; June 5.
Curler, Hair. H. Bonat. 141,039; May 1.
Curler, Hair. W. H. Maxwell. 141,052; May 1.
Curler or the like, Hair. M. E. Lindsay. 143,330; Dec. 25.
Curling device or similar article, Hair. M. Petitta. 143,163; Dec. 11.
Curtain or the like. C. A. Hanington. 140,907; Apr. 17.
Curtain, Window. M. Druck. 139,864; Jan. 2.
Cushion or similar article, Tractor seat. C. Young. 141,592; June 12.
Cushion, Pin. W. B. Hork. 141,173; May 8.
Cutter, Fly. L. A. Smith. 140,452; Feb. 27.
Cutter for bottles, or similar article, Seal. W. C. Lanyon. 142,202; Aug. 14.
Cutter, Potato. J. S. Garner. 142,026; Aug. 14.
Cutter, Vegetable. F. W. Eames. 142,472; Oct. 2.
Cutting machine. W. A. Phillis. 143,094; Dec. 4.
Dagger or the like. W. E. Fairbairn, F. R. Graninger, and E. G. Millison. 141,363; May 29.
Dart game chart. A. W. Rehberger. 141,864; July 10.
Decanter or article of similar nature, Glass. C. L. Fordyce. 140,853; Apr. 10.
Deck of playing cards. M. M. Smith. 141,317; May 22.
Decoration, Illuminable Christmas. J. C. Van Ess, Jr. 140,633; Mar. 20.
Deflector, Air. R. M. Clayton. 142,835; Nov. 13.
Dental laboratory bench and cabinet, Combined. E. D. Beebe. 142,688–9; Oct. 30.
Deodorizer. W. E. Anderson. 142,009; Aug. 14.
Desk. G. C. Brainard and R. Loewy. 142,613; Oct. 23.
Desk. G. C. Brainard and R. Loewy. 142,699; Oct. 30.
Desk. G. C. Brainard and R. Loewy. 143,265–6; Dec. 25.
Desk. R. E. Brandenburger. 141,353–6; May 29.
Desk. E. B. Carlson and C. G. Morgan. 141,359; May 29.
Desk. I. R. Cornish. 142,470; Oct. 2.
Desk. E. H. Daniels. 141,284; May 22.
Desk. F. P. Fletcher. 140,501; Mar. 6.
Desk. R. B. Lindgren and C. H. Ristenpart. 142,097; Aug. 14.
Desk. R. L. Myers. 140,514; Mar. 6.
Desk. R. L. Myers. 142,525–7; Oct. 9.
Desk. C. H. Ristenpart. 142,121; Aug. 14.
Desk and blackboard, Combined. S. H. Geffner. 142,850; Nov. 13.
Desk and seat, Combined. A. K. Weller. 140,281; Feb. 6.
Desk and trunk, Combined field. F. T. Paden. 142,262; Aug. 31.
Desk pad unit or similar article, Memorandum. G. L Beckstrom. 140,308–10; Feb. 13.
Desk unit, Combination. S. P. Akers. 143,109; Dec. 11.
Desk unit, Combination. G. Calabrese. 142,700; Oct. 30.
Device for growing garden plants or the like. H. H. Hathaway. 140,082–3; Jan 23.
Dial or similar article, Clock. H. G. Thompson. 140,234; Feb. 6.
Dial, Radio. L. A. Kuffel. 142,216; Aug. 21.
Dial, Radio. L. A. Kuffel. 142,258–9; Aug. 21.
Diamond or similar article. G. Fine. 141,258–9; May 15.
Diamond or similar article, Brilliant cut. P. Heller. 140,283; Feb. 6.
Dickey. L. Malmstead. 140,400; Feb. 20.
Dickey. S. Mirsky. 141,723; June 26.
Dickey. S. Mirsky. 141,784; July 3.
Die. R. B. Morris. 140,084; Jan. 23.
Die. R. B. Morris. 142,576; Oct. 16.
Die casting machine. A. R. Mills. 143,089; Dec. 4.
Diesel engine. H. Dreyfuss. 141,719–20; June 26.
Dish or article of similar nature, Glass bon-bon. C. L. Fordyce. 141,517; June 5.
Dish or article of similar nature, Glass butter. C. L. Fordyce. 141,681; June 26.
Disk dictating machine. C. W. Dann and L. Z. La Forest. 141,776; July 3.
Disk for nursing units, bottles, and containers, Sealing. C. R. Porthouse and W. B. McIntosh. 141,518; June 5.
Dispenser, Beverage. V. V. Elkins. 141,362; May 29.
Dispenser for cigarettes or like articles. R. E. Myers. 141,410; May 29.
Dispenser for cosmetic creams. R. G. Bau. 140,111; Jan. 23.
Dispenser for salt and pepper or similar article. H. H. Bashore. 140,092; Jan. 23.
Dispenser, Match. F. R. McNine. 142,886; Nov. 13.
Dispenser or the like, Cigarette. E. Erger. 141,020; Apr. 24.
Dispenser or the like, Cigarette. M. B. Toklas. 142,448; Sept. 25.
Dispenser or the like, Cigarette. M. B. Toklas. 142,596–7; Oct. 16.
Dispenser, Tape. H. Preble, Jr. 141,219; May 15.
Dispenser, Tape. H. Preble, Jr. 141,220; May 15.
Dispensing and article display cabinet, Combined. A. E. Aldridge. 141,190–2; May 15.

Dispensing machine. S. B. Burne. 140,808; Apr. 10.
Dispensing unit. A. A. Paley. 140,554; Mar. 13.
Display device. V. K. Campbell. 142,018; Aug. 14.
Display device, Illuminable. F. C. Reinshield. 143,242; Dec. 18.
Display figure. J. L. Foreman. 139,865; Jan. 2.
Display for packaged commodities, Counter. R. B. Wemyss. 142,268; Aug. 21.
Display unit, Cigar cannister. R. B. Wemyss. 140,245–6; Feb. 6.
Distributor, Playing card. V. D. Brittingham. 142,270; Aug. 21.
Doll. G. O. Anderson. 142,509; Oct. 9.
Doll. O. Ball. 142,013–14; Aug. 14.
Doll. M. E. Bowers. 139,862; Jan. 2.
Doll. D. Derderian. 141,679; June 26.
Doll. M. C. E. Eby. 142,709; Oct. 30.
Doll. H. Elliston. 140,376; Feb. 20.
Doll. M. Glassberg. 140,287; Feb. 6.
Doll. I. M. Hewson. 141,072; May 1.
Doll. A. S. Hill. 140,599; Mar. 20.
Doll. F. R. Jenkins. 142,213; Aug. 21.
Doll. A. Karpfen. 140,585; Mar. 13.
Doll. L. R. Lamb. 141,249; May 15.
Doll. P. G. Lattos and M. Kern. 140,178; Jan. 30.
Doll. M. M. Lodeman. 141,548; June 12.
Doll. S. Mach. 140,004; Jan. 9.
Doll. A. E. Marks. 140,914; Apr. 17.
Doll. S. McCrory. 140,915; Apr. 17.
Doll. R. Mitchell. 141,177; May 8.
Doll. J. R. Nesbit. 140,824–5; Apr. 10.
Doll. E. Peruggi. 141,657. June 19.
Doll. L. R. Reinert. 142,907; Nov. 13.
Doll. N. P. Roark. 140,645; Mar. 20.
Doll. K. G. Schnell. 140,588; Mar. 13.
Doll. W. Seidler. 140,956; Apr. 24.
Doll. H. A. Smiley. 140,304; Feb. 6.
Doll. M. Szrajer. 140,969; Apr. 24.
Doll. H. Wilcox. 141,002; Apr. 24.
Doll. N. M. Young. 140,873; Apr. 10.
Doll and container, Combined. C. Rich and B. Saffran. 140,292; Feb. 6.
Doll buggy. M. E. Low. 140,179; Jan. 30.
Doll, Clown. J. F. Lowenstein. 141,797; July 3.
Doll cradle. R. H. Greenwell. 141,009; Apr. 24.
Doll, dressing table, and laundry bag, Combination. N. Kropatkin. 140,378; Feb. 20.
Doll head. J. Durante and E. Hamlin. 141,111; May 8.
Doll, Mechanical. L. Q. MacCallum. 142,172; Aug. 14.
Doll or similar article. M. Fisher. 140,170; Jan. 30.
Doll or similar article. E. C. Ganahl. 140,687; Mar. 27.
Doll or similar article. A. L. Grammer. 140,709; Apr. 3.
Doll or similar article. J. C. Grant and R. M. Huemer. 140,688; Mar. 27.
Doll or similar article. W. Lantz. 140,360; Feb. 20.
Doll or similar article. M. Marossi. 140,180; Jan. 30.
Doll or similar article. M. Marossi. 140,531; Mar. 6.
Doll or similar article. M. Marossi. 141,074–5; May 1.
Doll or similar article. M. Marossi. 141,175; May 8.
Doll or similar article. R. C. and J. D. Russell. 143,169; Dec. 11.
Doll or similar article. M. M. Stevens and E. M. Rice. 142,747–8; Oct. 30.
Doll or the like. G. W. Ainge. 140,874; Apr. 17.
Doll's head. E. Coghlan. 140,080; Jan. 23.
Doll's sulky. H. B. Louer. 141,527; June 12.
Dominoes, Set of. J. Neiser. 142,491; Oct. 2.
Door check and deodorant diffuser, Combined. I. Dobkin. 142,940; Nov. 20.
Door chime casing. N. Abramson. 141,485–6; June 5.
Door stop. J. D. Shanfield. 143,039; Nov. 27.
Drape fixture. P. L. Hartnett. 143,002; Nov. 27.
Drape pullback. P. L. Hartnett. 141,365; May 29.
Drawer pull. E. M. Borchers. 142,942–4; Nov. 20.
Drawer pull and escutcheons, Combined. E. M. Borchers. 140,761–2; Apr. 10.
Drawing instrument. P. F. Aichele. 140,152; Jan. 30.
Drawing instrument. L. A. Matson. 141,882; July 31.
Dress. S. Aber. 141,578–80; June 12.
Dress. S. Aber. 142,807–8; Nov. 13.
Dress. L. Asteroff. 141,853; July 10.
Dress. L. Cohen. 140,793; Apr. 10.
Dress. E. Cutler. 142,839; Nov. 13.
Dress. E. Cutler. 143,062–5; Dec. 4.
Dress. N. Edelman. 141,061; May 1.
Dress. J. Garfinkle. 141,758; July 3.
Dress. J. Glad. 143,068–71; Dec. 4.
Dress. Z. Golden. 140,068–9; Jan. 16.
Dress. Z. Golden. 140,116; Jan. 23.
Dress. Z. Golden. 140,958–63; Apr. 24.
Dress. Z. Golden. 140,976–82; Apr. 24.
Dress. Z. Golden. 141,160; May 8.
Dress. Z. Golden. 142,397–400; Sept. 25.
Dress. Z. Golden. 142,402–3; Sept. 25.
Dress. Z. Golden. 142,779; Nov. 6.
Dress. Z. Golden. 142,854–7; Nov. 13.
Dress. Z. Golden. 143,000; Nov. 27.
Dress. Z. Golden. 143,303–5; Dec. 25.
Dress. D. E. Gottlieb. 140,584; Mar. 13.
Dress. F. Greenburg. 142,405–6; Sept. 25.
Dress. B. Hentz. 142,336–7; Aug. 28.
Dress. A. M. Katz. 142,869; Nov. 13.
Dress. H. T. Langbert. 140,409; Feb. 20.
Dress. G. J. Pollack. 140,616; Mar. 20.
Dress. K. Rost. 140,586; Mar. 13.
Dress. K. Rost. 140,967–8; Apr. 24.
Dress. K. Rost. 141,660; June 19.
Dress. J. Walker. 141,583; June 12.
Dress. J. Walker. 142,454; Sept. 25.
Dress. J. Walker. 142,926; Nov. 13.
Dress. S. Zahn. 140,225–7; Jan. 30.
Dress. S. Zahn. 142,438; Sept. 25.
Dress. S. Zahn. 142,460; Sept. 25.
Dress. S. Zahn. 142,804–5; Nov. 6.
Dress and pantaloons, Combined evening. C. Phillips. 141,837; July 10.
Dress and underskirt, Combined evening. C. Phillips. 141,838; July 10.
Dress, Child's. E. Evans. 139,906; Jan. 2.
Dress ensemble, Wedding. J. Azzaro. 139,904; Jan. 9.
Dress, Sports. I. Rosenberg. 142,671; Oct. 23.
Dresser. D. H. Whitehead. 140,132–3; Jan. 23.
Dresser or similar article. E. B. Miller. 141,376; May 29.
Drier, Baby's bootee. M. G. Fitts. 141,574; June 12.
Drier, Clothes. H. S. Aaronson. 140,187; Jan. 30.
Drill, Hand. F. Collura. 140,811; Apr. 10.
Drill, Hand. A. L. Henkel. 140,406; Feb. 20.
Drilling and tapping machine, Combined. L. L. Leckinger. 140,664; Mar. 27.
Dynamoelectric machine. G. R. Anderson. 141,137; May 8.
Earpiece for hearing aids. E. Hechler. 141,071; May 1.
Earring. A. Katz. 140,021; Jan. 16.
Earring. A. Katz. 140,603; Mar. 20.
Earring. A. Kats. 140,609; Mar. 20.
Earring. A. Kats. 142,566; Oct. 16.
Earring. A. Katz. 143,225; Dec. 18.
Earring. F. Morrow. 142,290; Aug. 21.
Earring. F. Morrow. 142,736; Oct. 30.
Earring. F. Morrow. 142,890–2; Nov. 13.
Earring. F. Morrow. 142,963; Nov. 20.
Earring. F. Morrow. 143,235; Dec. 18.
Earring. F. Morrow. 143,338–9; Dec. 25.
Earring. A. Philippe. 140,797–800; Apr. 10.
Earring. A. Philippe. 141,056; May 1.
Earring. A. Phillippe. 142,855–7; Oct. 23.
Earring. H. Pommier. 140,827; Apr. 10.
Earring. R. Russo. 141,387; May 29.
Earring or similar article. S. Fischer. 140,562; Mar. 13.
Earring or similar article. W. W. Hobé. 141,301; May 22.
Earring or similar article. H. J. Jung. 142,144; Aug. 14.
Earring or similar article. A. Kats. 142,193; Aug. 14.
Earring or similar article. A. Kats. 142,419; Sept. 25.
Earring or similar article. M. Tanzi. 140,722; Apr. 3.
Edging, Embroidered. G. Zelliweger. 142,541; Oct. 9.
Eductor, Liquid. P. Berman. 140,706; Apr. 3.
Electric motor-driven rotary actuator unit. W. P. Lear. 140,204; Jan. 30.
Electrical condenser, Variable. R. T. Nutter and F. R. Lord. 140,108; Jan. 23.
Electrical outlet. W. Huppert. 141,397; May 29.
Electroplating device. G. F. Cavanagh. 141,254; May 15.
Elevation adjusting device for picture projectors or the like. O. R. Nemeth. 140,615; Mar. 20.
Emblem or the like, Applique. H. Klein. 140,641; Mar. 20.
Engine, Diesel. J. Thysse. 141,244; May 15.
Engine starter. R. M. Heintz. 143,316; Dec. 25.
Engine testing equipment. W. H. Yenni and V. L. Gunder. 140,411; Feb. 20.
Engine unit, Internal combustion. S. Z. Siwek and H. Goldberg. 140,803; Apr. 10.
Envelope, Air-mail. V. Bock. 141,674; June 26.
Envelope blank. V. Bock. 141,731–2; July 3.
Envelope, Mailing. M. Cohen. 141,586; June 12.
Eraser and brush with holder therefor, Combined. E. C. Williams. 141,531; June 12.
Eraser and holder therefor. E. C. Williams. 141,530; June 12.
Escutcheon for sink fittings. H. Dreyfuss. 143,288; Dec. 25.
Exerciser, Foot. W. Sandow. 140,145; Jan. 30.
Extinguisher, Fire. S. Boal. 140,743; Apr. 3.
Extractor, Fruit juice. W. P. Koch. 140,819; Apr. 10.
Extractor, Fruit juice. W. E. Maxson, Jr. 141,241; May 15.
Extractor, Juice. K. B. Lucas and J. M. Majewski, Jr. 140,625; Mar. 20.
Extractor, Juice. J. M. Majewski, Jr., and H. J. Talge. 141,782; July 3.
Extractor, Juice. H. J. Talge. 140,396; Feb. 20.
Eyeshade. R. and C. H. Webber. 140,833–4; Apr. 10.
Eye shield front. W. C. Moeller. 142,221; Aug. 21.
Eyeshield or similar article. C. A. Baratelli. 141,193–8; May 15.
Eyeshield or similar article. D. P. Cooper, Jr. 141,204–5; May 15.
Eyeshield or similar article. H. F. Shindel. 141,704; June 26.
Eyeshield or similar article. E. M. Splaine. 141,028–9; Apr. 24.
Fabric. A. Y. Park. 139,964–93; Jan. 9.
Fabric. A. Y. Park. 140,022–25; Jan. 16.
Fabric. A. Y. Park. 140,042–43; Jan. 16.

Fabric. A. Y. Park. 140,101–2; Jan. 23.
Fabric. A. Y. Park. 140,195; Jan. 30.
Fabric. A. Y. Park. 140,482–3; Feb. 27.
Fabric. A. Y. Park. 140,774–7; Apr. 10.
Fabric. A. Y. Park. 140,880–1; Apr. 17.
Fabric. A. Y. Park. 141,327–30; May 22.
Fabric. A. Y. Park. 141,432; May 29.
Fabric. A. Y. Park. 143,343–7; Dec. 25.
Fabric. R. Solomon. 143,244; Dec. 18.
Fabric or similar article, Textile. E. R. Duhan. 141,248; May 15.
Fabric or similar article, Textile. A. Samstag. 143,243; Dec. 18.
Fabric or the like, Articulated. V. Berkowitz. 140,593; Mar. 20.
Fabric or the like, Plaited-embossed artificial leather. J. Frischer. 140,475; Feb. 27.
Fabric, Textile. L. L. Frank. 140,050–2; Jan. 16.
Fabric, Textile. L. L. Frank. 140,639; Mar. 20.
Fabric, Textile. D. B. Fuller. 142,097; Nov. 27.
Fabric, Textile. J. Gluck. 142,853; Nov. 13.
Fabric, Textile. S. J. Oppenheim. 140,481; Feb. 27.
Fabric, Textile. S. J. Oppenheim. 141,499–500; June 5.
Fabric, Textile. P. A. Vogelman. 140,782–6; Apr. 10.
Fabric, Textile. P. A. Vogelman. 140,788–90; Apr. 10.
Fabric, Textile. D. Walton. 139,963; Jan. 9.
Facepiece for gas masks or respirators. W. H. Lehmberg. 142,203; Aug. 14.
Facing for awning boxes, bulkheads, or similar articles. M. Ketchum, Jr. 141,051; May 1.
Fan or similar article. L. B. Logadon. 141,589; June 12.
Fan propeller. B. Lee. 142,959–60; Nov. 20.
Fastener, Clothesline. E. H. Anderson. 140,381; Feb. 20.
Fastener top stop, Slide. J. Brozek. 141,873; July 31.
Faucet. B. N. Trombley. 141,715–17; June 26.
Faucet and soap dish, Combined. C. G. Blank. 141,718; June 26.
Faucet, Lock lever. P. Wagner. 143,175; Dec. 11.
Faucet spray and escutcheon plate, Combined. B. N. Trombley. 141,842; July 10.
Feeder, Hog. G. L. Running and E. V. La Salle. 142,793; Nov. 6.
Fence panel, Concrete. W. Ashenfelter. 143,110–12; Dec. 11.
Figure, Display. W. L. Stensgaard. 142,233; Aug. 21.
Figurine. F. Hopkins. 140,865; Apr. 10.
Figurine or similar article. C. Champness. 142,003; Aug. 7.
Figurine or similar article. F. Kenney. 141,046; May 1.
Figurine or similar article. F. Powell. 142,349; Aug. 28.
Figurine or similar article. F. Powell. 142,966; Nov. 20.
Filing machine. D. J. Williams and E. J. Tomek. 141,416; May 29.
Film gate, Motion picture. O. R. Nemeth. 140,428; Feb. 27.
Film magazine for a photographic camera or the like. J. Bolsey. 141,431; May 29.
Film shoe for motion picture apparatus or the like. O. R. Nemeth. 141,148; May 8.
Filter, Faucet. G. V. Gavaza. 139,909; Jan. 2.
Filter for a welding generator, Air. R. J. Breckheimer. 140,636; Mar. 20.
Filter for beverage brewers. E. J. Ruhnke. 141,313; May 22.
Filter for welding machines. R. J. Breckheimer. 139,875; Jan. 2.
Fingernail cleaning device. F. Gardner. 141,113; May 8.
Finger support for manicuring operations. J. S. Jones. 140,254; Feb. 6.
Fire extinguisher. E. H. Hansen. 142,954; Nov. 20.
Fire extinguisher. L. Sulzer. 140,063; Jan. 16.
Fish lure. E. Dryden. 141,338; May 22.
Fishing bait. J. May. 140,511–13; Mar. 6.
Fishing reel frame. S. G. Hirsch. 141,815; July 10.
Fixture, Electric light. E. Erger. 142,632–4; Oct. 23.
Fixture, Fluorescent lighting. G. J. Creed. 140,299; Feb. 6.
Fixture, Fluorescent lighting. J. C. Sabatini. 142,126; Aug. 14.
Fixture, Light. W. Lescase. 140,568–9; Mar. 13.
Fixture, Lighting. F. E. Gleason. 140,504; Mar. 6.
Fixture, Lighting. E. B. Hallman. 141,172; May 8.
Fixture, Surface mounted fluorescent lamp. P. J. Lepore. 140,303; Feb. 6.
Flag or similar article. E. Searles. 140,543; Mar. 6.
Flashlight. D. Chapman. 140,335; Feb. 13.
Flashlight. J. Frank. 140,300–1; Feb. 6.
Flashlight. J. G. Lippincott. 142,277; Aug. 21.
Flashlight. E. L. Schofield. 142,796; Nov. 6.
Flashlight. E. L. Schofield. 143,357–8; Dec. 25.
Flask, Perfume holding. J. Rubel. 140,739; Apr. 3.
Flatiron. D. E. Stewart. 142,355; Sept. 11.
Flexible band for a bracelet or similar article. V. Guglielmi. 142,639–40; Oct. 23.
Float, Fishing. G. M. Marsh. 142,787; Nov. 6.
Floral piece. E. R. French. 141,236; May 15.
Folder for bills, pictures, cards, or the like, Combined. J. Wagner. 142,923; Nov. 13.
Font, Holy water. B. Blecher. 140,471; Feb. 27.
Font of music type. J. C. Lewis. 140,364; Feb. 13.
Food beater. F. F. Latshaw. 140,530; Mar. 6.
Food tray and cup, Combined. A. O. Buxbaum. 142,831; Nov. 13.
Foot rest. R. Smith. 139,897; Jan. 2.
Fork, Cooking. S. W. Farber. 140,274; Feb. 6.
Fork, Ejector. E. Fromm. 141,635; June 19.
Fork, Kitchen. F. K. Storm. 143,045; Nov. 27.
Fork or analogous article. H. E. Nock. 141,308; May 22.
Fork or analogous article. H. E. Nock. 141,693–5; June 26.
Fork or other article of flatware. I. A. Lipman. 142,786; Nov. 6.
Fork or other article of flatware. I. A. Lipman. 142,875–8; Nov. 13.
Fork or other article of flatware. J. R. Price. 140,954–5; Apr. 24.
Fork or other article of flatware. J. R. Price. 142,204–6; Aug. 14.
Fork or other article of flatware. J. R. Price. 142,967; Nov. 20.
Fork, Serving. F. K. Storm. 143,046; Nov. 27.
Fork, Utility. J. I. Michaels. 141,948; Aug. 7.
Form device, Tax. J. W. Honeycutt. 142,238; Aug. 21.
Frame, Altar card supporting. G. A. Gallik. 142,300; Aug. 28.
Frame and compact case, combined picture. R. Randolph. 140,062; Jan. 16.
Frame and flower-tube holder or similar article, Combination picture. J. C. Eubank. 140,322; Feb. 13.
Frame and support, Combination. E. C. Shallor. 141,656; June 19.
Frame and whatnot or similar article, Combined picture. H. S. Johnson. 140,118; Jan. 23.
Frame, Chair. H. G. Knoll. 141,211; May 15.
Frame, Chair. R. Rapson. 141,222; May 15.
Frame, Conveyer. W. S. Campbell. 141,975; Aug. 7.
Frame, Display. J. W. Brown. 142,984–5; Nov. 27.
Frame, Excavating machine. H. Hollmann and W. G. Van Voorhis. 140,591; Mar. 13.
Frame, Eyeglass. L. Jacobson. 140,253; Feb. 6.
Frame, Eyeglass. L. Jacobson. 140,690; Mar. 27.
Frame for a handbag. C. W. Hardy. 142,413; Sept. 25.
Frame for a hand mirror or magnifying glass. T. Friedman. 142,168; Aug. 14.
Frame for a radio cabinet, Recessed speaker grille. L. J. Wronke. 142,158–9; Aug. 14.
Frame for a tricycle. W. I. Smith. 142,502; Oct. 16.
Frame for an invalid wheel chair. J. G. Rideout. 142,743; Oct. 30.
Frame for handbags. M. H. Storch. 140,453; Feb. 27.
Frame for handbags. M. H. Storch. 140,679; Mar. 27.
Frame for mirrors. M. H. Storch. 140,678; Mar. 27.
Frame for spectacles. A. Di Chiara. 142,332; Aug. 28.
Frame, Forty year calendar. P. N. Tinello. 142,047; Aug. 14.
Frame, Goggle. J. Brunetti. 141,844; July 10.
Frame, Handbag. J. L. Friedman. 140,546; Mar. 6.
Frame, Hand mirror. J. Casallno. 140,389; Feb. 20.
Frame, Hand mirror. J. Casallno. 140,902; Apr. 17.
Frame member, Velocipede. W. I. Smith. 140,721; Apr. 3.
Frame, Multiple picture. L. B. Sherr. 142,501–2; Oct. 2.
Frame, Multiple picture. I. B. Sherr. 142,675; Oct. 23.
Frame, Optical. R. Weber. 140,271; Feb. 6.
Frame or similar article, Picture. J. C. Eubank. 140,319–21; Feb. 13.
Frame or similar article, Picture. J. C. Eubank. 142,137; Aug. 14.
Frame or similar article, Picture. M. Gabriel. 141,947; Aug. 7.
Frame or similar article, Picture. R. W. Mandl. 141,640; June 19.
Frame or similar article, Picture. E. G. Michelli. 141,306; May 22.
Frame or similar article, Spectacle. A. Blum. 141,563; June 12.
Frame or the like, Bicycle. C. L. Hussey. 142,522; Oct. 9.
Frame or the like, Chair. J. Risom. 141,703; June 26.
Frame or the like, Picture. G. Evans. 141,862; July 10.
Frame or the like, Picture. E. D. Kissling. 142,719; Oct. 30.
Frame or the like, Picture. E. D. Kissling. 143,007; Nov. 27.
Frame or the like, Reversible picture. E. D. Kissling. 142,720; Oct. 30.
Frame or the like, Spectacle. H. M. Ditto. 140,500; Mar. 6.
Frame, Picture. A. Barrett. 142,056; Aug. 14.
Frame, Picture. W. P. Campbell. 142,019; Aug. 14.
Frame, Picture. S. Colef. 143,187–90; Dec. 18.
Frame, Picture. F. Coleveski. 142,988; Nov. 27.
Frame, Picture. E. D. Kissling. 142,484; Oct. 2.
Frame, Picture. W. McCrory. 142,885; Nov. 13.
Frame, Picture. J. W. McIntyre. 141,605; June 19.
Frame, Picture. M. D. Moglen. 141,650; June 19.
Frame, Scaffold. L. C. Oertle, Sr. 143,341; Dec. 25.
Frame, Picture. J. Tavianini. 141,331; May 22.
Frame, Picture. A. Vallevona. 142,356; Sept. 11.
Frame, Rocker chair. R. Rapson. 141,221; May 15.
Frame, Spectacle. M. Albanese and A. P. Rutherford. 141,462; June 5.
Frame, Spectacle. A. and E. Barrett. 142,463; Oct. 2.
Frame, Spectacle. E. and A. Barrett. 142,464; Oct. 2.
Frame, Spectacle. A. and E. Barrett. 142,827; Nov. 13.

Frame, Spectacle. A. and E. Barrett. 142,934–5; Nov. 20.
Frame, Spectacle. S. E. Bouchard. 140,807; Apr. 10.
Frame, Tandem bicycle. F. W. Schwinn. 140,677; Mar. 27.
Frames for sun glasses or similar article, Pair of. H. Zimmer. 140,835; Apr. 10.
Front piece for eyeglasses. G. S. Ratkai. 140,279; Feb. 6.
Fruit display and container unit, Combined. G. W. Wallace and J. W. Trew. 143,375; Dec. 25.
Funnel, combination unit, Straining. R. T. Frost. 142,255; Aug. 21.
Furnace, Hot-air. R. E. Deming. 141,826; July 10.
Game apparatus. P. K. Brenner. 142,294; Aug. 28.
Game board. T. Aitchison. 140,742; Apr. 3.
Game board. E. C. Arehart. 140,075; Jan. 23.
Game board. A. L. Barrett. 141,870; July 31.
Game board. A. L. Barrett. 141,872; July 31.
Game board. A. L. Barrett. 143,261; Dec. 25.
Game board. C. R. Billington. 142,830; Nov. 13.
Game board. W. Brooks. 140,496; Mar. 6.
Game board. H. L. Bundock. 141,733; July 3.
Game board. R. E. Collins. 141,734; July 3.
Game board. A. A. Concepcion. 141,507; June 5.
Game board. R. A. Deschneau. 141,092; May 8.
Game board. F. Ermosnik. 141,754; July 3.
Game board. J. Fleisher. 141,033; May 1.
Game board. F. L. Gamblin. 141,759; July 3.
Game board. R. A. Gould. Serial No. 140,081; Jan. 23.
Game board. D. D. Gruver. 142,212; Aug. 21.
Game board. H. I. Hagloch and L. W. Rose. 142,860; Nov. 13.
Game, Board. C. E. Halbert. 142,318–19; Aug. 28.
Game board. G. A. Hatherall. 140,768; Apr. 10.
Game board. W. Jamieson. 141,880; July 31.
Game board. L. Jasper. 142,345; Aug. 28.
Game board. C. Jenkins. 140,910; Apr. 17.
Game board. C. T. Knobloch. 139,868; Jan. 2.
Game board. S. V. Lervaag. 142,523; Oct. 9.
Game board. D. D. Price. 142,667; Oct. 23.
Game board. R. Ruffin. 140,555; Mar. 13.
Game board. E. Schell. 142,971; Nov. 20.
Game board. C. J. Shimer. 139,872; Jan. 2.
Game board. J. R. Stafford. 142,534; Oct. 9.
Game board. A. Tellier. 140,457; Feb. 27.
Game board. G. G. Widen. 140,885; Apr. 17.
Game board. W. G. Williams. 142,236; Aug. 21.
Game board or the like. A. D. Clem. 142,948; Nov. 20.
Game board, Target. H. C. Hitzeman. 140,357; Feb. 13.
Game counting board. D. N. Smith, Sr. 142,533; Oct. 9.
Game device. W. B. Sewell. 141,883; July 31.
Game device, Putting. L. R. Welsh. 141,390; May 29.
Game device, Target. B. P. Barrett. 141,952; Aug. 7.
Game pieces, Set of. H. Schirokauer. 164,672–3; Oct. 23.
Game table. E. Friedrich. 141,884; July 31.
Game table, Child's. A. Olkon. 141,918; July 31.
Garment, Hospital. F. Cohen. 142,702; Oct. 30.
Garment, Infant's sleeping. C. S. Kaufman. 140,663; Mar. 27.
Gas analyzing apparatus. A. I. Newman. 142,227; Aug. 21.
Gas saver. G. F. Goddeau. 143,302; Dec. 25.
Gate for dispensing liquids. P. Wagner. 143,174; Dec. 11.
Generating unit, Fluid fuel burning steam and hot water. W. Leigemann. 142,218; Aug. 21.
Girdle and brassière, Combined. M. Kleinitz. 141,993; Aug. 7.
Glass, Magnifying. J. R. Miles. 141,690; June 26.
Glass or similar article, Drinking. J. Perts. 140,643; Mar. 20.
Glass, Vigil. F. R. Hodges. 142,520; Oct. 9.
Glider. E. W. Schlieben. 140,646; Mar. 20.
Globe and supporting standard, Combined. R. R. Dupler. 142,297–8; Aug. 28.
Glove. A. J. Turner. 140,859; Apr. 10.
Glove. C. E. Zimmerman. 142,806; Nov. 6.
Goblet or article of similar nature, Glass. C. L. Fordyce. 140,391; Feb. 20.
Goblet or similar article. W. L. Orme. 140,826; Apr. 10.
Goggle or the like, Sun. J. C. Foster. 139,907; Jan. 2.
Goggles. C. A. Baratelli, C. W. Cochran, and F. W. Maurer. 140,805; Apr. 10.
Goggles. F. W. Maurer. 142,338; Aug. 28.
Gold club head. L. Myers and E. H. Gartner. 140,085; Jan. 23.
Golf club head. J. J. Jakosky. 140,892–3; Apr. 17.
Golf club head. H. P. G. Newsome. 141,307; May 22.
Golf club head. H. P. G. Newsome. 141,769; July 3.
Golf tee. J. W. Hughes. 142,521; Oct. 9.
Golf tee. K. J. G. Leufvenius. 141,448; June 5.
Governor, Centrifugal. R. Heger. 140,550; Mar. 6.
Grate. A. Holland. 143,003; Nov. 27.
Grate and burner bowl, Combined finger. E. L. Baker. 140,792; Apr. 10.
Grate for a gas burner. J. D. Coleman. 142,617; Oct. 23.
Grate, Furnace. R. E. Huffschmidt. 141,372; May 29.
Grater. I. Rosenbloom. 140,433; Feb. 27.
Grill for motor vehicles, Radiator. E. P. Korn. 140,912; Apr. 17.
Grill, griddle, and grate, Combined barbecue. L. C. Hufford and L. R. Gray. 141,370; May 29.
Grill, Portable foldable. U. K. Johannsen. 142,866; Nov. 13.
Grille or the like, Register. S. Curtis. 140,490; Mar. 6.
Grinder. M. S. Fairbanks. 140,659; Mar. 27.
Grinder or similar article, Coffee. G. T. Schmidt. 140,534; Mar. 6.
Grinding machine. D. F. Price, H. E. Balsiger, and M. A. Hollengreen. 140,061; Jan. 16.
Grip for sanitary belt. I. S. De Woskin. 142,163; Aug. 14.
Grip positioner for golf club handles. J. J. Schneider. 140,676; Mar. 27.
Guard for sewing machine operators, Face. J. F. Imberman. 142,864; Nov. 13.
Guard for sewing machines. A. P. Duba. 142,065; Aug. 14.
Guard, Splash. M. L. Strong. 141,269; May 15.
Gun. C. S. Wheatley. 141,078; May 1.
Gun, Multiple spray. J. W. Baur. 140,973; Apr. 24.
Gun or similar article. C. S. Wheatley. 142,269; Aug. 21.
Gun or similar article, Spray. M. M. Warner. 142,601; Oct. 16.
Gun or the like, Blow. J. W. Baur. 140,837; Apr. 10.
Gun or the like, Dusting. J. W. Baur. 141,730; July 3.
Gun or the like, Foundry spray. J. W. Baur. 140,836; Apr. 10.
Gun sight. R. M. Lynn. 142,961; Nov. 20.
Hair dressing appliance. R. L. Barker. 142,933; Nov. 20.
Hair stay and fastening means, Combined. M. Petitta. 141,169; May 8.
Hammer. G. D. Cline, Jr. 142,772; Nov. 6.
Hammer. A. L. Henkel. 140,407; Feb. 20.
Hammer head. O. O. A. Grundstrom. 141,552; June 12.
Hammer head. F. L. MacWithey. 140,821; Apr. 10.
Hammer, Pneumatic. P. E. Hoop, Jr. 142,143; Aug. 14.
Hammer, Sheet metal repair. A. S. Johann. 141,566; June 12.
Hamper, Clothes. J. J. Kohen. 142,274–5; Aug. 21.
Hamper, Clothes. J. J. Kohen. 142,649; Oct. 23.
Hamper, Clothes. J. H. Stone. 141,188; May 8.
Hamper or similar article, Clothes. W. G. Dieter. 140,273; Feb. 6.
Handbag. B. Calem. 140,498; Mar. 6.
Handbag. B. Calem. 141,466; June 5.
Handbag. B. Calem. 142,882; Nov. 13.
Handbag. H. J. Deutz. 140,551; Mar. 13.
Handbag. H. J. Deutz. 141,004; Apr. 24.
Handbag. M. M. Deutz. 142,706; Oct. 30.
Handbag. M. M. Deutz. 143,191; Dec. 18.
Handbag. L. Flaxman. 140,405; Feb. 20.
Handbag. M. Ginsburg. 140,173; Jan. 30.
Handbag. G. J. Glick. 142,852; Nov. 13.
Handbag. F. X. Hiltenbrand. 140,547; Mar. 6.
Handbag. F. X. Hiltenbrand. 141,299–300; May 22.
Handbag. F. X. Hiltenbrand. 141,341; May 22.
Handbag. F. X. Hiltenbrand. 142,519; Oct. 9.
Handbag. F. X. Hiltenbrand. 143,073; Dec. 4.
Handbag. F. X. Hiltenbrand. 143,145; Dec. 11.
Handbag. L. Kaphan. 141,208; May 15.
Handbag. L. Kaphan. 142,482; Oct. 2.
Handbag. L. Kaufman. 143,226–7; Dec. 18.
Handbag. I. Pichel. 142,495; Oct. 2.
Handbag. I. Pichel. 142,588; Oct. 16.
Handbag. F. H. Rath. 140,327; Feb. 13.
Handbag. F. H. Rath. 140,448; Feb. 27.
Handbag. F. H. Rath. 140,717; Apr. 3.
Handbag. F. H. Rath. 140,773; Apr. 10.
Handbag. F. H. Rath. 140,857; Apr. 10.
Handbag. F. H. Rath. 140,870; Apr. 10.
Handbag. F. H. Rath. 141,474; June 5.
Handbag. F. H. Rath. 142,441–2; Sept. 25.
Handbag. E. Rosenberg. 142,124; Aug. 14.
Handbag. H. Rubin. 141,986; Aug. 7.
Handbag. L. S. Schlessinger. 140,255; Feb. 6.
Handbag. F. Siegel. 140,328; Feb. 13.
Handbag and cigarette case, Combined. J. L. Friedman. 140,229; Feb. 6.
Handbag and picture holder, Combined. H. Stelser. 141,283; May 15.
Handbag frame or similar article. R. C. Ewing. 142,993–5; Nov. 27.
Handbag, Lady's. E. H. Bertrand. 140,228; Feb. 6.
Handbag or similar article. L. K. Rotkel. 139,915; Jan. 2.
Handbag unit. I. Pichel. 141, 472; June 5.
Handgrip for washing machine cover or the like. A. P. Schulz. 140,005; Jan. 9.
Handwheel, Valve. N. Shaeffer. 140,256–7; Feb. 6.
Handkerchief. M. S. Levy. 140,358–63; Feb. 13.
Handkerchief or similar article. A. Mogabgab. 141,903–4; July 31.
Handkerchief or similar article. W. S. Mogabgab. 141,905; July 31.
Handle and hood for water valves, Combined control. J. Stanitz. 140,556; Mar. 13.
Handle, Catch. E. M. Borchers. 142,945; Nov. 20.
Handle for brushes. E. Gronemeyer. 140,983; Apr. 24.
Handle for brushes. E. Gronemeyer. 140,996–8; Apr. 24.
Handle for cooking vessels and the like. A. F. Ramsthal. 142,245; Aug. 21.
Handle for pots and pans. R. S. Reynolds. 143,028; Nov. 27.
Handle for saws or like article. W. P. Peterson. 141,906; July 31.

Handle for stove door or similar article. G. Klein. 140,964; Apr. 24.
Handle for stoves or the like. D. E. Stewart. 142,042; Aug. 14.
Handle for suitcases or similar articles. L. G. Stone. 141,852; July 10.
Handle, Gage. R. E. Snyder. 141,707; June 26.
Handle, Kitchen utensil. F. K. Storm. 143,248–50; Dec. 18.
Handle or lift for cooking vessels and the like, Side. A. F. Ramsthal. 142,264; Aug. 21.
Handle or the like, Faucet. H. Dreyfuss. 143,287; Dec. 25.
Handle or the like, Faucet. R. H. Zinkil and H. Dreyfuss. 143,382; Dec. 25.
Handle, Oven door. E. W. North. 143,023; Nov. 27.
Handle, Pot. M. E. Behl. 140,046; Jan. 16.
Handle, Rattle. P. E. Allen. 139,988–9; Jan. 9.
Handle, Rattle. P. E. Allen. 140,988; Apr. 24.
Handle, Razor. H. H. Kempf. 143,326; Dec. 25.
Handle, Safety razor. C. V. Shipley. 142,175; Aug. 14.
Handle, Stove. D. E. Stewart. 141,519–20; June 5.
Handle unit, Control. W. J. Turnbull and J. R. Ward. 140,090; Jan. 23.
Handle, Valve. J. Stanitz. 141,186–7; May 8.
Handle, Valve. J. Stanitz. 143,100; Dec. 4.
Handle, Valve. E. H. Wright. 142,928; Nov. 13.
Hangar, Aeroplane. W. Neff. 139,953; Jan. 9.
Hangar, Airplane. A. E. Bausenbach. 142,828; Nov. 13.
Hangar, or the like, Preformed airplane. J. C. Radcliffe, Jr. 142,195; Aug. 14.
Hangar, Portable airplane. F. A. Learman. 140,100; Jan. 23.
Hanger and jewel container, Combined coat. W. Melford. 143,020; Nov. 27.
Hanger, Clothes. D. R. Anderson. 142,462; Oct. 2.
Hanger, Clothes. G. E. Hill. 140,337; Feb. 13.
Hanger, Clothes. L. Kirsch. 140,053–4; Jan. 16.
Hanger, Clothes. L. Kirsch. 140,731–4; Apr. 3.
Hanger, Clothes. H. Powers. 140,869; Apr. 10.
Hanger, Divided bar clothes. G. E. Hill. 140,338; Feb 13.
Hanger, Garment. E. P. Elston. 142,631; Oct. 23.
Hanger, Garment. P. W. Leifer and P. A. Katz. 140,399; Feb. 20.
Hanger, Garment. I. Salesky. 141,849; July 10.
Hanger, Garment. R. Sklaar. 142,677; Oct. 23.
Hanger, Garment. M. J. Strassburger. 140,680; Mar. 27.
Hanger, Spring-clip. G. Yates. 140,410; Feb. 20.
Hanger, Spring-clip. G. Yates. 143,103; Dec. 4.
Hat. S. Behr. 142,829; Nov. 13.
Hat. S. Lish. 140,934; Apr. 17.
Hat. G. H. Hodge. 140,528; Mar. 6.
Hat. F. Le Bouedec. 140,611–13; Mar. 20.
Hat. J. C. Marks. 142,005–8; Aug. 7.
Hat. S. R. Neville. 141,411; May 29.
Hat. M. A. R. Richards. 140,196; Jan. 30.
Hat banding or the like. B. Beckhoff. 142,369; Sept. 25.
Hat or the like, Lady's. H. Herrmann. 140,398; Feb. 20.
Hatchet. A. L. Henkel. 140,408; Feb. 20.
Hatchet. V. Stoddard. 140,329; Feb. 13.
Head unit for a milking machine. E. B. Thompson and G. A. Estel, Jr. 143,369; Dec. 25.
Headdress. M. Kincses. 141,781; July 3.
Headdress. A. Rainess. 141,800; July 3.
Hearing aid support and spectacles, Combined. R. A. Bachmann. 142,542; Oct. 16.
Heater, Circulating. L. H. Caldwell. 142,061; Aug. 14.
Heater, Combination wood and coal. R. C. Calton. 142,833; Nov. 13.
Heater, Electric. W. R. Tuttle. 142,598; Oct. 16.
Heater for stock tanks and the like, Electric water. B. W. Warner. 142,505; Oct. 2.
Heater or the like. C. A. Lindberg and H. W. Eckles. 142,290; Aug. 21.
Heater, Portable electric. W. E. Maxson, Jr. 141,834; July 10.
Heater, Space. D. M. Trilling and G. H. Rich. 143,372; Dec. 25.
Heater, Stock tank. J. K. Newhall. 140,194; Jan. 30.
Heater, Water. S. L. Smith. 141,184; May 8.
Heel. J. H. Stackhouse. 142,594; Oct. 16.
Heel. H. H. Wydom. 142,606–7; Oct. 16.
Heel and platform for a shoe or similar article, Combined. E. J. Kapteyn. 139,951; Jan. 9.
Heel, Shoe. F. Cleve, Jr. 141,585; June 12.
Heel, Shoe. E. J. Scherini. 142,532; Oct. 9.
Heel, Shoe. J. H. Stackhouse and W. Brown, Jr. 140,372; Feb. 20.
Helicopter. O. F. Maycen. 140,480; Feb. 27.
Helicopter. E. H. Page. 141,378; May 29.
Helmet, Welding. T. M. La Vasseur. 139,883; Jan. 2.
Hinge. E. M. Borchers. 140,764; Apr. 10.
Hinge. E. M. Borchers and C. C. Unzicker. 140,763; Apr. 10.
Hinge. F. Brown. 142,372; Sept. 25.
Hinge, Sofa bed. W. W. Wilson. 140,298; Feb. 6.
Hobbyhorse. B. Horowitz. 140,714; Apr. 3.
Hobby horse. M. Lecomowitz. 141,932; July 31.
Hobbyhorse. G. E. Montague and R. C. Romero. 142,651; Oct. 23.
Hobbyhorse or similar article. R. F. Brown. 140,154; Jan. 30.
Hoe and weeder head, Combined. C. W. Busby. 141,945; Aug. 7.
Hoe head. R. Harte. 140,565; Mar. 13.
Hoist attachment for tractors. L. Wenger. 140,344; Feb. 13.
Hold or similar article, Chalk. M. C. Bromfield. 143,126; Dec. 11.
Holder and applicator, Combination lip rouge. R. Z Sarff. 142,328; Aug. 28.
Holder and identification device, Combined key. H. L. Moore. 140,669; Mar. 27.
Holder and pendant, Combined perfume sachet. F. Pierce. 140,109; Jan. 23.
Holder and ruler, Combined spool. M. Rosenblatt. 142,530; Oct. 9.
Holder, Book. W. P. Baham. 142,611; Oct. 23.
Holder, Broom. G. Bellataedt. 140,238; Feb. 6.
Holder, Candle. R. A. Ajello. 142,368; Sept. 25.
Holder, Candle. C. D. Beltz. 142,979; Nov. 27.
Holder, Card. J. E. Gillett. 142,151; Aug. 14.
Holder, Card and poker chip. D. J. Smith. 141,644; June 19.
Holder, Cardboard coin. J. L. Sholkin. 139,955; Jan. 9.
Holder, Cigar and cigarette. W. C. Taylor. 142,797; Nov. 6.
Holder, Cigar box display. R. B. Wemyss. 140,243–4; Feb. 6.
Holder, Cigarette. A. Becwar. 142,178; Aug. 14.
Holder, Cigarette. G. E. Carson. 140,839; Apr. 10.
Holder, Cigarette. R. E. Dase. 142,842; Nov. 13.
Holder, Cigarette. H. C. Reichert. 140,449; Feb. 27.
Holder, Coin. H. P. Behrman. 140,900; Apr. 17.
Holder, Collar. C. A. Anderson. 141,430; May 29.
Holder, Collar. I. J. Hopfenberg. 141,763; July 3.
Holder, Combination perfume and lipstick. J. Rubel. 140,450; Feb. 27.
Holder, Combined pipe rack and match. W. H. J. Downey. 142,776; Nov. 6.
Holder, Combined pipe support and match pack. D. J. Smith. 142,678; Oct. 23.
Holder, Combined tumbler and toothbrush. C. D. Klauber. 141,491; June 5.
Holder for cigarettes and matches, Combined. L. M. Provost. 142,906; Nov. 13.
Holder for cosmetic preparations or the like, Multiple F. Frederics. 141,978; Aug. 7.
Holder, Floral. J. R. Wieber. 140,886; Apr. 17.
Holder, Flower. J. C. Meeks. 141,054; May 1.
Holder for babies, Safety. M. R. Koster. 140,933; Apr. 17.
Holder for sharpening, Razor blade. E. Olszewski. 140,516; Mar. 6.
Holder, Knife. G. R. Hove. 141,565; June 12.
Holder, Knife. F. H. Lewis. 140,002; Jan. 9.
Holder, Match box. F. H. Lewis. 141,422; May 29.
Holder, Match box. F. H. Lewis. 142,430; Sept. 25.
Holder, Memorandum pad and pencil. F. H. Lewis. 141,423; May 29.
Holder, Nursery bottle. P. F. Milks. 141,555; June 12.
Holder, Nursery bottle. B. D. Raport. 141,700; June 26.
Holder, Nursing bottle. E. G. Beckemeyer. 141,913; July 31.
Holder of candles, miniature flower pots or similar articles. J. C. Eubank. 139,877; Jan. 2.
Holder or article of similar nature, Candle. C. L. Fordyce. 142,474; Oct. 2.
Holder or article of similar nature, Glass candle. C. L. Fordyce. 140,747; Apr. 3.
Holder or article of similar nature, Glass candle. C. L. Fordyce. 140,974; Apr. 24.
Holder or similar article, Electrode. A. Gilmour. 141,065; May 1.
Holder or similar article, Flower. J. C. Eubank. 141,633–4; June 19.
Holder or similar article, Playing card. R. Miller. 142,962; Nov. 20.
Holder or similar article, Playing card. L. Tacón and Armand L. Cueva. 142,176; Aug. 14.
Holder, or similar article, Toothbrush. W. R. Via. 142,048; Aug. 14.
Holder or the like, Cap for lipstick. E. Norman. 142,965; Nov. 20.
Holder or the like, Flower. L. E. Bauer. 141,200; May 15.
Holder or the like, Lipstick. E. Norman. 143,022; Nov. 27.
Holder, or the like, Memorandum pad. J. Meier. 142,650; Oct. 23.
Holder, pad and ink reservoir unit, Combination stamp. S. R. Hershman. 141,564; June 12.
Holder, Paper roll or similar article. F. Bletzinger, Sr. 142,612; Oct. 23.
Holder, Perfume sachet. F. Pierce. 140,845; Apr. 10.
Holder, Picture. T. Solomon. 140,104; Jan. 23.
Holder, Place card. G. Wortman. 142,757; Oct. 30.
Holder, Poker chip. J. Friend. 140,994; Apr. 24.
Holder, Poker chip and playing card. D. J. Smith. 141,951; Aug. 7.
Holder, Razor blade. C. Dresdner. 142,845; Nov. 13.
Holder, Refuse bag. J. L. Mayer. 142,286; Aug. 21.
Holder, Scratch pad and combination calendar stand. J. S. Fisher. 142,635; Oct. 23.
Holder, Toothbrush. F. E. Hart. 143,314; Dec. 25.
Holder, Towel. F. H. Lewis. 141,424; May 29.

Holder, Transparent photograph. F. Siegel. 141,059; May 1.
Holder, Vegetable. M. H. Wyszynski. 141,461; June 5.
Holder, Welding electrode. J. U. Garibay. 140,630; Mar. 20.
Holder, Welding electrode. E. Siemers. 141,428; May 29.
Holder, Writing pad. L. Cotton. 140,136; Jan. 23.
Holster. S. Dubrin. 140,812–13; Apr. 10.
Holster and knife scabbard, Combined pistol. M. C. Pratt. 142,741; Oct. 30.
Hood. M. Butler. 140,461; Feb. 27.
Hood, Carriage. S. and N. J. Kroll. 142,785; Nov. 6.
Hood for beverage bottles, Closure. D. Ray. 141,223–7; May 15.
Hood for beverage bottles, Closure. D. Ray. 141,261; May 15.
Hood for milk and cream bottles, Closure. D. Ray. 141,475; June 5.
Hood or similar article. D. Rosenstein. 139,914; Jan. 2.
Hook, Extension ladder. E. T. John. 141,553; June 12.
Horse, Rocking. C. G. Carlson. 141,202; May 15.
Horse, Rocking. C. C. Cash. 142,210; Aug. 21.
Horse, Rocking. A. C. De Vorn. 143,285; Dec. 25.
Horse, Rocking. A. E. Jury. 142,346; Aug. 28.
Hose coupling or similar article, Suction cleaner. G. R. Coss. 141,801; July 3.
House. W. Neff. 140,059–60; Jan. 16.
Housing, Flush valve. G. S. Lawson. 142,721; Oct. 30.
Housing for a solenoid operated valve. H. G. Chapman, Jr. 142,771; Nov. 6.
Housing for electrical apparatus. E. O. Gaguski. 142,475; Oct. 2.
Housing for threshing and separating mechanism of a harvester-thresher. C. J. Scranton. 143,098; Dec. 4.
Housing for transformers or the like. W. W. Redsecker. 140,402; Feb. 20.
Housing for wood planing machine. E. Yager. 143,178; Dec. 11.
Housing of a two-cycle gas engine. M. F. Schmidt. 142,279; Aug. 21.
Housing, Rectifier. W. S. Master. 142,487; Oct. 2.
Housing, Tractor. H. Dreyfuss and T. Brown. 142,254; Aug. 21.
Hub, Propeller. G. Annesley. 142,610; Oct. 23.
Hub, Wheel. W. C. Roe. 140,572; Mar. 13.
Humidifier. W. A. Norris. 142,737; Oct. 30.
Hydraulic loader, Front end. C. Williams. 141,271–2; May 15.
Hydraulic selector valve. O. A. Kehle. 139,952; Jan. 9.
Hydrometer or the like. L. Edelmann. 142,380; Sept. 25.
Hydroplane. P. S. Lubienski. 142,034; Aug. 14.
Hydroplane or similar article. R. C. Baustian. 141,506; June 5.
Ice crusher. J. M. Majewski, Jr., and H. J. Talge. 141,753; July 3.
Ice crusher. H. J. Talge. 140,395; Feb. 20.
Ice crusher. H. J. Talge. 140,454–5; Feb. 27.
Icon projector shrine, Miniature. A. G. Dannell. 140,991; Apr. 24.
Incinerator. A. A. Helwig 142,320; Aug. 28.
Indicator for a weighing scale, Over and under. H. Dreyfuss. 139,936–7; Jan. 2.
Indicator for airplane parts, Combined remote control and position. W. P. Lear. 140,508–9; Mar. 6.
Indicator, Magnetic direction. G. M. Giannini. 140,794; Apr. 10.
Indicator or the like, Time. E. W. Adams. 143,107; Dec. 11.
Ink well. M. Haberman. 141,876; July 31.
Inserter, Vaginal diaphragm. O. L. Schmitt. 142,040; Aug. 14.
Insole for a shoe. B. D. Huff. 142,152–3; Aug. 14.
Instrument, Drawing. F. W. Ziegfeld. 142,608; Oct. 16.
Instrument or the like, Multiple drafting. P. W. White. 142,051; Aug. 14.
Iron, Electric. A. B. Klonne. 142,648; Oct. 23.
Ironer, Electric. W. A. Spear. 141,318; May 22.
Ironing machine and stand, Combined. A. H. Gerhardt and A. P. Schulz. 143,298; Dec. 25.
Ironing machine, lap board, and stand, Combined. A. H. Gerhardt and A. P. Schulz. 143,299; Dec. 25.
Jack and bracket mounting, Combined. H. W. Rockwell. 143,168; Dec. 11.
Jack, Hydraulic. H. E. Page. 140,517–18; Mar. 6.
Jacket. L. Asteroff. 141,854; July 10.
Jacket. S. Beck. 140,066; Jan. 16.
Jacket. S. Etkin. 139,996; Jan. 9.
Jacket. S. Etkin. 142,364; Sept. 11.
Jacket. N. Finkelstein. 140,137; Jan. 23.
Jacket. N. Finkelstein. 142,951; Nov. 20.
Jacket. N. Finkelstein. 143,194–5; Dec. 18.
Jacket. Z. Golden. 142,858; Nov. 13.
Jacket. Z. Golden. 142,953; Nov. 20.
Jacket. Z. Golden. 143,306–7; Dec. 25.
Jacket. H. Herrmann. 140,477; Feb. 27.
Jacket. J. Walker. 140,138–9; Jan. 23.
Jacket. S. Zahn. 140,222–4; Jan. 30.
Jacket or similar article. E. Bernath. 141,157; May 8.
Jacket or similar article. H. Sices. 141,770; July 3.
Jacket or similar article, Bolero. B. J. Schechter. 140,333; Mar. 6.
Jar and ash tray, Combination shaving soap. S. P. Benjamin, Jr. 140,105; Jan. 23.
Jar, Cereal. A. J. Desimone. 140,655; Mar. 27.
Jar or article of similar nature, Glass condiment. C. L. Fordyce. 141,007; Apr. 24.
Jar or similar article. M. F. Furman. 142,517; Oct. 9.
Jar or similar article. E. N. Graham. 141,762; July 3.
Jar or similar article, Cookie. R. V. Gans. 141,322; May 22.
Jar or similar article, Lady pig cookie. R. V. Gans. 140,172; Jan. 30.
Jar or the like, Hydrometer. L. Edelmann. 142,379; Sept. 25.
Jewelry cross. S. Minasian. 140,738; Apr. 3.
Jewelry finding. L. S. Fraser. 140,640; Mar. 20.
Jewelry finding. J. Rubel. 140,587; Mar. 13.
Jewelry finding. C. Schraysshuen. 140,829–32; Apr. 10.
Jig, Drill. F. McCullough. 141,995; Aug. 7.
Joint, Swivel. D. M. Phillips. 140,716; Apr. 3.
Jointer or similar article. R. H. Andresen. 142,811; Nov. 13.
Jug or article of similar nature, Glass. C. L. Fordyce. 140,416; Feb. 27.
Jug or similar article, Water. R. V. Gans. 140,203; Jan. 30.
Juice extractor. R. Abraham. 140,237; Feb. 6.
Juice extractor. D. Chapman. 140,239; Feb. 6.
Juicer, Citrus-fruit. J. P. Quam. 141,788; July 3.
Jumper, Child's. J. F. Ritter. 141,528; June 12.
Kazoo. J. Thompson. 142,799; Nov. 6.
Kettle. G. H. Brown. 141,749; July 3.
Kettle. J. Glichrist. 142,712; Oct. 30.
Key chain with front action pencil tip, License holder. M. E. Trollen. 142,330; Aug. 28.
Key for tuning stringed instruments. J. W. Bartlett. 140,558; Mar. 13
Kit or the like, Toilet. R. L. Holland and W. F. Nessen. 141,980; Aug. 7.
Kit, Sewing. G. R. Danielson. 141,572; June 12.
Knife. L. F. Baker. 140,469; Feb. 27.
Knife. S. Doniger. 141,109; May 8.
Knife. F. K. Formis. 143,144; Dec. 11.
Knife. A. Simeone. 141,315; May 22.
Knife. E. G. Waterman. 140,397; Feb. 20.
Knife and bayonet, Combination utility. J. Levering. 143,228; Dec. 18.
Knife and hone holster, Combined. T. W. Smith. 141,706 June 26.
Knife, Butter measuring. A. W. Klingelhofer. 140,818; Apr. 10.
Knife, Combination. R. G. Bastien. 142,978; Nov. 27.
Knife or other article of flatware. P. Kats. 142,090–2; Aug. 14.
Knob for stoves or the like, Gas control. D. E. Stewart. 141,840; July 10.
Knob or similar article, Control. M. Eatham. 142,777; Nov. 6.
Knob, Steering wheel spinner. J. R. Thorp. 141,293; May 22.
Labeling machine or similar article. S. T. Carter. 140,596; Mar. 20.
Lamp fixture, Fluorescent. P. J. Lapore. 142,429; Sept. 25.
Lamp, Electric. A. F. Pieper. 141,473; June 5.
Lamp fixture shield. End section of a fluorescent. B. Schaefer. 143,356; Dec. 25.
Lamp fixture shield, Intermediate section of a fluorescent. B. Schaefer. 143,355. Dec. 25.
Lamp, Floor. M. M. Fischel. 141,421; May 29.
Lamp housing for picture projecting apparatus or the like. O. R. Nemeth. 140,515; Mar. 6.
Lamp or similar article. W. H. Miller. 143,232; Dec. 18.
Lamp shade, Luminous. J. Ross. 140,110; Jan. 23.
Lamp, Ship's. P. Kiplock. 141,063; May 1.
Lamp standard. E. H. Greppin. 142,407; Sept. 25.
Last, Stocking darning. M. Bowerman. 141,916; July 31.
Latch, Night. G. W. Wilder. 141,887; July 31.
Latch or similar article, Night. C. H. Nehls. 141,217; May 15.
Lathe. E. J. Lomazzo. 142,433; Sept. 25.
Lathe or similar article, Wood turning. R. H. Andresen. 142,812; Nov. 13.
Lavatory. W. G. Young. 143,104; Dec. 4.
Lavatory and vanity, Combined. J. Stanitz. 141,619–20; June 19.
Lavatory or cabinet, Combination. F. P. Uphues. 139,902; Jan. 2.
Lay figure. A. L. Westerman. 142,459; Sept. 25.
Leather, Embossed. L. I. Freedman. 141,070; May 1.
Leather, Embossed. L. I. Freedman. 143,141; Dec. 11.
Leather or the like. B. Casso. 140,847–52; Apr. 10.
Leather or the like, Embossed. L. I. Freedman. 139,866; Jan. 2.
Leg for a pedestal base. S. D. Loman. 141,888; July 31.
Lens, Eyeglass. P. Kats. 140,610; Mar. 20.
Lens or similar article. G. M. Cressaty. 140,340; Apr. 10.
Lens or similar article. G. M. Cressaty. 142,375; Sept. 25.
Lens or the like, Reading. G. M. Cressaty. 141,874; July 31.
Lens panel for a lighting fixture. W. M. Adrian. 141,155; May 8.
Lens panel for lighting fixture. W. M. Adrian. 141,822; July 10.

Lens, Signal lamp. F. A. Purcell. 140,753; Apr. 3.
Letter opener. E. K. Madan. 141,084; May 1.
Letter opener and magnifier, Combined. L. L. Kay. 141,210; May 15.
Lid, Casket. C. A. Kuhlman. 140,314; Feb. 13.
Lid, Spatter proof browning. H. G. Archer, Jr. 142,977; Nov. 27.
Lifter, Bottle. H. C. Miller. 139,887; Jan. 2.
Light for automobiles, Signal. D. Smith. 142,503; Oct. 2.
Light transmitting member for a lighting fixture. A. L. Arenberg. 141,895; July 31.
Light, Vehicle signal. E. B. Hallman. 143,310; Dec. 25.
Lighter. W. J. Campbell. 142,701; Oct. 30.
Lighter. A. A. Hellman. 142,301; Aug. 28.
Lighter. W. E. Keene. 143,006; Nov. 27.
Lighter. A. Kolberg and J. Kohn. 140,735; Apr. 3.
Lighter and cigarette case, Combination. W. D. Gladstone. 141,684; June 26.
Lighter, Cigar and cigarette. B. H. Gostkowski. 141,829; July 10.
Lighter, Cigarette. W. J. Hamrick. 141,144; May 8.
Lighter, Cigarette. D. C. Jones. 142,784; Nov. 6.
Lighter, Cigarette. F. Zigmant. 143,381; Dec. 25.
Lighter, Cigarette and cigar. E. Fisher. 143,295; Dec. 25.
Lighter for cigarettes or the like. L. A. Cutrow. 142,840; Nov. 13.
Lighter or similar article. A. Pantzer. 143,342; Dec. 25.
Lighter or similar article, Fluted cigar and cigarette. A. S. Weston. 143,055; Nov. 27.
Lighter or similar article, Table. A. S. Weston. 143,377; Dec. 25.
Lighter or the like, Cigarette. I. Florman. 140,293; Feb. 6.
Lighter or the like, Pocket. H. Negbaur. 141,785; July 3.
Lighter, Pocket. A. J. Bruneau and M. Goldsmith. 142,986; Nov. 27.
Lighter, Pocket. L. M. Glisch, E. J. McEachron, and R. Arlesan. 140,975; Apr. 24.
Lighter, Pocket. J. O. McMillan and R. E. Parker. 142,241; Aug. 21.
Lighter, Table. H. J. Sudbrink. 141,891–3; July 31.
Lighters for cigars, cigarettes, and the like. J. N. Robins. 142,443; Sept. 25.
Lighting fixture. J. W. Morrison. 143,336; Dec. 25.
Lighting fixture, Fluorescent. G. J. Creed. 143,061; Dec. 4.
Lighting fixture, Fluorescent. R. G. Maurette. 141,068; May 1.
Lighting fixture, Fluorescent. C. X. Meyer. 142,488; Oct. 2.
Lighting fixture, Fluorescent. C. Nitardy. 140,343; Feb. 13.
Lighting fixture, Fluorescent. F. Polotaye. 143,350; Dec. 25.
Lighting unit or similar article, Automatic emergency. H. S. Bird. 142,769; Nov. 6.
Line-guide for a fishing rod. A. D. Sarkisian. 141,643; June 19.
Linear actuator and control unit for operating movable parts of an airplane or the like, Combined. H. A. Skaglund. 140,521; Mar. 6.
Link, Bracelet. C. Schraysshuen. 142,147; Aug. 14.
Link, Cuff. F. Collura. 140,726; Apr. 3.
Loader attachment, Tractor. J. H. Rogers. 140,280; Feb. 6.
Loader, Front end hydraulic. C. Williams. 141,132–3; May 8.
Loading machine, Material. C. A Onofrio. 141,556; June 12.
Lock and puller, Combination fuse. D. Conlan. 140,860; Apr. 10.
Lock, Fuse and switch. D. Conlan. 140,864; Apr. 10.
Lock nut. J. R. Allen. 140,317; Feb. 13.
Lock or similar article, Snap. C. H. Matson. 141,264; May 15.
Lock, Switch and fuse. D. Conlan. 140,863; Apr. 10.
Locomotive. G. W. Walker. 141,529; June 12.
Luminaire for fluorescent and incandescent lamps. J. G. Lippincott. 140,107; Jan. 23.
Lure, Fish. W. E. Baldwin. 142,160; Aug. 14.
Lure, Fishing. N. G. Poplin. 142,305; Aug. 28.
Machine, Gear finishing. E. W. Miller. 142,145; Aug. 14.
Machine power unit, Combination hoisting and excavating. H. E. Swanson. 141,230; May 15.
Magnifying glass. B. J. Herbert. 140,252; Feb. 6.
Mailbox. W. Johnson. 140,425; Feb. 27.
Maintenance machine, Floor. W. E. Holt. 142,416; Sept. 25.
Manicure appliance. F. R. Walsh. 142,177; Aug. 14.
Mantelpiece and bar or similar article, Combination. S. Kuchta. 140,507; Mar. 6.
Marker, Corner. J. R. Mathews and W. A. Davidson. 142,788; Nov. 6.
Marker, Garden. A. Rubenstein. 143,032–8; Nov. 27.
Marker, Grave. W. M. Hammond. 141,877; July 31.
Marker, Grave. R. S. Hammond. 141,878–9; July 31.
Marker, Highway. H. E. Neal. 141,768; July 3.
Mask for use in electrotherapy, Facial. P. Meminger. 140,667; Mar. 27.
Mask or similar article. A. L. Grammer. 140,377; Feb. 20.
Mask or similar article, Aviator's oxygen. A. H. Bulbulian. 141,602; June 19.
Mask or similar article, Doll. M. Marossi. 140,288; Feb. 6.
Mask, Surgical. G. Kemp. 141,604; June 19.
Mask, Underwater. D. F. Eddy. 140,814; Apr. 10.
Massager. F. F. Latshaw. 140,384; Feb. 20.
Massaging device or similar article. S. Burgheimer. 141,358; May 29.
Mat or similar article, Foldable exercising. E. Zinkel. 142,685; Oct. 23.
Mat, or similar article, Place. K. C. Hamilton. 141,279; May 15.
Mat or similar article, Place. K. C. Hamilton. 142,411–12; Sept. 25.
Measuring device, Seed. J. B. Hagle. 141,686; June 26.
Medal, Rosary. W. J. Duzmal. 142,067; Aug. 14.
Medallion or similar article, Religious. O. A. Scheurmann. 141,614–17; June 19.
Metalworking machine, Single spindle automatic. A. E. Drissner. 142,333; Aug. 28.
Metal working machine, Single spindle automatic. A. E. Drissner. 142,707; Oct. 30.
Meter, Light. E. J. Nicholson. 142,439; Sept. 25.
Meter, Sales. C. F. Ramsay. 141,985; Aug. 7.
Microphone, Desk. R. L. Stone. 143,363; Dec. 25.
Microphone, Hand. G. F. Braun. 140,664; Mar. 27.
Microscope, Electron. R. Holley. 141,832; July 10.
Milking machine claw. G. A. Anderson. 142,510; Oct. 9.
Mirror. D. H. Whitehead. 140,131; Jan. 23.
Mirror and lipstick container, Combined. A. J. Brooks. 140,924; Apr. 17.
Mirror and support therefor. H. J. Feist. 142,165; Aug. 14.
Mirror, Hand. H. W. Brown. 142,017; Aug. 14.
Mirror, Hand. M. Salinger. 142,794; Nov. 6.
Mirror, Hand. S. J. Winslow. 142,756; Oct. 30.
Mirror, Round-the-neck. S. J. Winslow. 140,582; Mar. 13.
Mirror, Round-the-neck. S. J. Winslow. 142,759; Oct. 30.
Mirror, Safety view. F. F. Latshaw. 142,248; Aug. 21.
Mitt, Baseball. A. J. Turner. 140,846; Apr. 10.
Mixer for butter or the like. R. Swanson. 142,680; Oct. 23.
Mixer, Truck-type concrete. C. I. Bohmer. 140,472; Feb. 27.
Mixing device. H. Gilbert. 143,301; Dec. 25.
Mixing device, Butter substitute. R. R. Auerswald. 142,011; Aug. 14.
Mixing machine, Kitchen. G. E. Ford. 142,550; Oct. 16.
Moistening device, or the like, Portable tape. W. C. Marsh. 142,173; Aug. 14.
Molding for store fronts. M. Ketchum, Jr. 141,047–50; May 1.
Monocular viewer, Hand. C. E. Kidner. 141,181; May 8.
Monument. M. Norcross. 141,218; May 15.
Motion picture machine and carrying case therefor, Portable. W. C. De Vry. 141,955; Aug. 7.
Motor and pump assembly. L. C. Badgley. 140,758; Apr. 10.
Motor for operating movable parts of an airplane. R. Heintz. 141,066; May 1.
Motor for operating movable parts of an airplane. R. M. Heintz. 142,273; Aug. 21.
Motorcycle, Helicopter. D. E. Gumb. 140,875; Apr. 17.
Mount or the like, Lens. O. R. Nemeth. 141,692; June 26.
Mower or the like, Lawn. A. R. Cooper. 141,203; May 15.
Mug. H. H. Berne. 142,465; Oct. 2.
Music box and cigarette container, Combined. H. Marienthal. 143,335; Dec. 25.
Napkin or the like. H. Scott. 141,513; June 5.
Napkin, Paper. R. B. Stevens. 140,150; Jan. 30.
Nasal applicator. H. H. Rabbes. 141,458; June 5.
Necklace. F. Nazare. 142,111; Aug. 14.
Necklace. A. Philippe. 143,349; Dec. 25.
Necktie or similar article. R. Ettman. 142,309–13; Aug. 28.
Needle unit, Biopsy. H. Turkel. 142,358; Sept. 11.
Negligee or similar article. A. Macksoud. 141,941; July 31.
Nib section for a fountain pen. D. Juelss. 142,170; Aug. 14.
Nib section for a fountain pen or similar article. A. Winter. 141,747; July 3.
Nightgown. J. Z. Wade. 141,262; May 15.
Nipple for nursing bottles. B. O. T. Bery. 142,980; Nov. 27.
Necklace. J. Rubel. 142,970; Nov. 20.
Necklace or similar article. J. Rubel. 142,969; Nov. 20.
Nozzle attachment for air hose or the like. L. L. Smith. 143,359; Dec. 25.
Nozzle or similar article, Suction cleaner. K. H. Wittke. 141,803–5; July 3.
Nozzle, Spray. J. Stanitz. 141,185; May 8.
Nozzle, Suction. W. E. Foster. 141,082; May 1.
Nozzle, Window defrosting. G. R. Wallen and H. R. Trausneck. 141,232–3; May 15.
Opener, Bottle. L. Cotton. 140,622; Mar. 20.
Opener, Bottle. M. A. C. Johnson. 141,816; July 10.
Opener, Can. A. M. Jacobson. 140,631; Mar. 20.
Opener, Can. M. J. La Forte. 143,327; Dec. 25.
Opener, Can. H. J. Talge. 139,873; Jan. 2.

Opener, Can. H. J. Talge and C. Martyr. 142,307; Aug 28.
Opener, Can. F. F. Topping. 141,399; May 29.
Opener or similar article, Bottle. R. M. Smith. 140,183. Jan. 30.
Opener or similar article, Letter. M. L. Goldbert. 141,875; July 31.
Operator and escutcheon, Combined catch. E. M. Borchers. 140,765; Apr. 10.
Operator, Catch. E. M. Borchers. 140,766; Apr. 10.
Ornament, Desk. M. C. Keating. 142,284; Aug. 21.
Ornament, Desk. N. Meadow. 141,326; May 22.
Ornament, Ear. A. Boutemy. 141,420; May 29.
Ornament, Hair. M. Antritter. 142,767; Nov. 6.
Ornament, Hair. S. Behr. 143,262; Dec. 25.
Ornament, Hair. M. A. R. Richards. 141,642; June 19.
Ornament or similar article, Ear. L. E. Anderson. 140,899; Apr. 17.
Ornament or similar article, Lapel. C. Wandt. 142,754; Oct. 30.
Ornament, Two-piece hair. J. Halpern. 142,518; Oct. 9.
Ornament, Two-piece hair. J. Halpern. 143,208; Dec. 18.
Orphrey or similar article. O. A. Scheurmann. 141,606–13; June 19.
Outsole or similar article. G. Codiah. 140,649; Mar. 27.
Overall. S. Nesson. 140,698; Mar. 27.
Pack for fragile articles. W. E. Parsons and W. H. Randall. 142,116–19; Aug. 14.
Pack for fragile articles. E. L. Shepard. 142,129; Aug. 14.
Pad unit, Memorandum note. L. di Rebaylio. 142,775; Nov. 6.
Pads, Shoulder. F. M. O'Brien. 140,269; Feb. 6.
Padlock. F. Collura. 143,271; Dec. 25.
Padlock. H. E. Soref. 143,245–6; Dec. 18.
Padlock, Permutation. G. E. B. Jakopets. 142,481; Oct. 2.
Pan or similar article, Sauce. A. F. Ramsthal. 143,164; Dec. 11.
Panel for a lighting fixture, Lens. E. C. Zimmerman. 141,064; May 1.
Panel for ranges or the like, Heat control and indicator. C. G. Hjorcrants. 143,118–24; Dec. 11.
Panel or the like, Radiant baseboard. J. P. Magos. 141,145; May 8.
Panel or the like, Radiant convector baseboard. J. P. Magos. 141,146; May 8.
Panel, Porter. A. L. Bauers. 140,705; Apr. 3.
Panel, Refrigerator. W. S. Connell. 143,060; Dec. 4.
Paper or the like. T. Mendsen. 141,917; July 31.
Paper, or the like. A. Straeter. 141,252–3; May 15.
Paper or the like, Writing. M. Freund and P. Neuberger. 143,142; Dec. 11.
Paper, Wrapping. J. W. Elder. 141,080–1; May 1.
Pea shooter. A. D. Bloom. 141,748; July 3.
Pedestal base. S. D. Loman. 141,889; July 31.
Pedestal for stamping machine. C. K. Greene. 143,207; Dec. 18.
Peg for holding vines upon the soil. J. E. Johnston. 140,295; Feb. 6.
Pen barrel, Fountain. C. K. Lovejoy. 140,697; Mar. 27.
Pen, Desk. H. K. Stempel. 142,391; Sept. 25.
Pen, Fountain. E. C. Feig. 141,297; May 22.
Pen, Fountain. N. D. Fish and L. P. Martin. 142,382; Sept. 25.
Pen, Fountain. D. Kahn. 141,588; June 12.
Pen, Fountain. L. P. Martin. 142,384; Sept. 25.
Pen, Fountain. W. K. Olson. 142,388–9; Sept. 25.
Pen, Fountain. W. K. Olson and L. P. Martin. 142,390; Sept. 25.
Pen, Fountain. P. Schladermundt and O. Emslie. 140,028; Jan. 16.
Pen, Fountain. M. Ullman. 141,859; July 10.
Pen, Fountain. M. J. Waldinger. 142,000; Aug. 7.
Pen, Fountain. M. J. Waldinger. 143,051–3; Nov. 27.
Pen, Fountain. J. N. Whitehouse. 143,176; Dec. 11.
Pen, Fountain. A. Winter. 140,151; Jan. 30.
Penholder. B. W. Hanle. 142,361; Sept. 11.
Pen or similar article, Fountain. A. Baff. 139,903–5; Jan. 2.
Pen or the like, Fountain. F. F. Boyle. 142,392; Sept. 25.
Pen or the like, Fountain. N. D. Fish and L. P. Martin. 142,381; Sept. 25.
Pen or the like, Fountain. L. P. Martin. 142,383; Sept. 25.
Pen or the like, Fountain. W. K. Olson. 142,386–7; Sept. 25.
Pen point. C. K. Lovejoy. 140,695; Mar. 27.
Pen section for a fountain pen. C. K. Lovejoy. 140,696; Mar. 27.
Pen, Stylographic. A. Goldman. 140,727; Apr. 3.
Pencil. W. K. Chapman. 141,630–1; June 19.
Pencil, Mechanical. M. Ullman. 141,858; July 10.
Pencil, Mechanical. M. J. Waldinger. 142,001; Aug. 7.
Pencil, Mechanical. M. J. Waldinger. 143,048–50; Nov. 27.
Pencil or similar article, Mechanical. H. A. Bauer, F. D. Woods, and G. L. Beckstrom. 140,307; Feb. 13.
Pen-cil, Rolling. J. J. Sanders. 141,850; July 10.
Pendant. W. E. Blackburn. 142,981; Nov. 27.
Pendant. J. Rubel. 143,030–1; Nov. 27.
Pendant or similar article. U. F. Mandle. 140,737; Apr. 3.
Pendant or similar article, Luminous. J. A. Kelly. 142,285; Aug. 21.
Perfume bottle and support, Combined. C. H. Foster. 140,250; Feb. 6.
Perfume container. J. Rubel. 140,984; Apr. 24.
Perfume containing ornament or the like. J. Rubel. 141,655; June 19.
Perfume containing ornament or the like. J. Rubel. 141,658; June 19.
Phonograph needle. R. G. Scell. 141,124; May 8.
Photo mount and compartment or article of similar nature, Combination. W. W. Layton. 143,008; Nov. 27.
Photographic viewing and printing cabinet. H. Warman. 140,757; Apr. 3.
Piano. W. Zalser. 141,296; May 22.
Pilot turn control unit for aircraft, Automatic. N. B. Murphy. 143,340; Dec. 25.
Pin. J. V. Ecker. 142,846; Nov. 13.
Pin. C. L. Migliaccio. 142,724; Oct. 30.
Pin. R. Proctor, Jr. 141,787; July 3.
Pin. A. B. Shaw. 140,146–9; Jan. 30.
Pin, Brooch. A. Kats. 140,015–20; Jan. 16.
Pin, Brooch. A. Kats. 140,604–8; Mar. 20.
Pin, Brooch. A. Katz. 140,940–2; Apr. 24.
Pin, Brooch. A. Katz. 140,949–51; Apr. 24.
Pin, Brooch. A. Katz. 141,045; May 1.
Pin, Brooch. A. Katz. 141,117; May 8.
Pin, Brooch. A. Katz. 141,119; May 8.
Pin, Brooch. A. Philippe. 139,913; Jan. 2.
Pin, Brooch. A. Philippe. 139,945; Jan. 2.
Pin, Brooch. A. Philippe. 140,778–9; Apr. 10.
Pin, Brooch. A. Philippe. 140,781; Apr. 10.
Pin, Brooch. A. Philippe. 140,801; Apr. 10.
Pin, Brooch. A. Philippe. 140,894–5; Apr. 17.
Pin, Brooch. A. Philippe. 141,057–8; May 1.
Pin, Jewelry. A. Brand. 141,629; June 19.
Pin, Jewelry. A. Brand. 141,796; July 3.
Pin, Lapel. I. A. Lipman. 141,847; July 10.
Pin, Lapel. L. S. Winkler. 140,724; Apr. 3.
Pin or similar article. L. Barber. 141,584; June 12.
Pin or similar article. H. D. Cole. 143,133; Dec. 11.
Pin or similar article. H. D. Cole. 143,136; Dec. 11.
Pin or similar article. H. D. Cole and W. Diehl. 143,130–2; Dec. 11.
Pin or similar article. H. D. Cole and W. Diehl. 143,134–5; Dec. 11.
Pin or similar article. H. D. Cole and W. Diehl. 143,137; Dec. 11.
Pin or similar article. H. D. Cole and G. A. Santullo. 143,138; Dec. 11.
Pin or similar article. H. D. Cole and K. Speck. 143,139; Dec. 11.
Pin or similar article. B. Colp. 142,704; Oct. 30.
Pin or similar article. M. I. Koven. 142,485–6; Oct. 2.
Pin or similar article. J. J. Sandusky. 140,182; Jan. 30.
Pin or similar article, Brooch. H. De Alterlis. 140,526; Mar. 6.
Pin or similar article, Brooch. F. Bieberbach. 142,690; Oct. 30.
Pin or similar article, Brooch. F. Bieberbach. 143,116–17; Dec. 11.
Pin or similar article, Brooch. W. W. Hobé. 141,285; May 22.
Pin or similar article, Brooch. W. W. Hobé. 141,302–4; May 22.
Pin or similar article, Brooch. W. W. Hobé. 141,343–4; May 22.
Pin or similar article, Brooch. W. W. Hobé. 141,367–8; May 29.
Pin or similar article, Brooch. W. W. Hobé. 141,440–1; June 5.
Pin or similar article, Brooch. W. W. Hobé. 141,845; July 10.
Pin or similar article, Brooch. W. W. Hobé. 143,318; Dec. 25.
Pin or similar article, Brooch. A. Katz. 140,943–7; Apr. 24.
Pin or similar article, Brooch. A. Katz. 140,952; Apr. 24.
Pin or similar article, Brooch. A. Katz. 140,999; Apr. 24.
Pin or similar article, Brooch. M. Moss. 140,916; Apr. 17.
Pin or similar article, Insignia. C. M. Bradbury. 142,209; Aug. 21.
Pin or similar article, Jewelry. F. Morrow. 142,035; Aug. 14.
Pin or similar article, Jewelry. F. Morrow. 142,100–10; Aug. 14.
Pin or similar article, Jewelry. F. Morrow. 142,222; Aug. 21.
Pin or similar article, Jewelry. F. Morrow. 142,223–5; Aug. 21.
Pin or similar article, Jewelry. F. Morrow. 142,288–9; Aug. 21.
Pin or similar article, Jewelry. F. Morrow. 142,292; Aug. 21.
Pin or similar article, Jewelry. F. Morrow. 142,489; Oct. 2.
Pin or similar article, Jewelry. F. Morrow. 142,652; Oct. 23.
Pin or similar article, Jewelry. F. Morrow. 142,725–35; Oct. 30.

Pin or similar article, Jewelry. F. Morrow. 142,893–901; Nov. 13.
Pin or similar article, Jewelry. F. Morrow. 143,151–6; Dec. 11.
Pin or similar article, Jewelry. F. Morrow. 143,234; Dec. 18.
Pin or similar article, Jewelry. F. Morrow. 143,337; Dec. 25.
Pinafore. E. Brooke. 140,035; Jan. 16.
Pinochle board. H. W. Eaton and B. Trook. 142,516; Oct. 9.
Pipe. H. R. Maid. 143,087; Dec. 4.
Pipe. C. R. Rahn. 140,699; Mar. 27.
Pipe coupling unit, Pliant. I. Ročič. 140,617; Mar. 20.
Pipe, Lady's smoking. H. Sacks. 141,726; June 26.
Pipe, Smoker's. K. C. Bugg. 142,280; Aug. 21.
Pipe, Smoker's. A. L. Eggers. 141,594; June 12.
Pipe, Smoking. H. Abrams. 143,257; Dec. 25.
Pipe, Smoking. W. Leipper. 142,572; Oct. 16.
Pipe, Smoking. G. Trasso. 143,371; Dec. 25.
Pipe, Smoking. C. W. Von Rosenberg. 142,922; Nov. 13.
Pipe, Tobacco. H. G. Wyse. 142,760; Oct. 30.
Pitcher. A. J. F. Erbe. 140,656–7; Mar. 27.
Pitcher, Covered. J. B. Ward. 142,927; Nov. 13.
Plaue, Craftsman's. S. Doniger. 141,110; May 8.
Plaque. I. W. Lemle. 141,963; Aug. 7.
Plaque. F. Powell. 140,644; Mar. 20.
Plaque, Inlay puzzle. S. A. Karlin. 141,740; July 3.
Plaque, Novelty wall. A. P. Lerman. 141,767; July 3.
Plaque or similar article. B. B. Bell. 143,115; Dec. 11.
Plaque or similar article, Service record. W. A. Baker. 142,012; Aug. 14.
Plaque unit for articulated fabric or similar article. R. Appel. 141,623; July 10.
Plastic unit for use on handbags or the like. R. S. Temko. 143,101; Dec. 4.
Plate. S. L. Gerson. 142,851; Nov. 13.
Plate, Child's. W. Abrams. 141,597–600; June 19.
Plate, Child's. W. Abrams. 141,625–6; June 19.
Plate, Electric fixture hanger. C. X. Meyer. 141,024; Apr. 24.
Plate for a bath supply fitting or the like, Cover. R. H. Zinkil and H. Dreyfuss. 143,383; Dec. 25.
Plate for a beveled panel back lavatory supply and waste fitting or the like, Cover. R. H. Zinkil and H. Dreyfuss. 143,385; Dec. 25.
Plate for a lavatory supply and waste fitting or the like, Cover. R. H. Zinkil and H. Dreyfuss. 143,384; Dec. 25.
Plate for a sink and laundry tub supply fitting or the like, Cover. R. H. Zinkil. 141,988; Aug. 7.
Plate for automobiles, Display. H. E. Dice. 142,774; Nov. 6.
Plate for building walls, Cement. B. D. Ladwig. 140,099; Jan. 23.
Plate for slicing machines, Gauge. A. H. Ahrndt. 143,108; Dec. 11.
Plate, Illuminable switch. T. L. Wheeler, Jr. 141,030; Apr. 24.
Plate making machine. F. A. Hacker. 139,880; Jan. 2.
Plate, Name. E. B. Lane. 141,083; May 1.
Plate or article of similar nature, Glass. C. L. Fordyce. 140,345; Feb. 13.
Plate or article of similar nature, Glass. C. L. Fordyce. 141,680; June 26.
Plate or similar article. M. C. Ruskin. 141,314; May 22.
Plate or similar article. M. C. Ruskin. 141,459; June 5.
Pliers. A. H. Miller. 142,888; Nov. 13.
Pliers. R. Wright. 140,065. Jan. 16.
Pliers or similar article, Pair of. E. L. Johnson, Jr. 142,867; Nov. 13.
Plug, Electrical test. J. D. Tuomey. 140,458; Feb. 27.
Pole head, Clothes. A. Cheney. 142,136; Aug. 14.
Polisher, Portable electric. G. J. Soderberg. 140,385; Feb. 20.
Polishing device, Electrical. S. Resnick. 141,577; June 12.
Pompom ornament for shoes, or similar articles. F. P. and M. C. Moore. 140,041; Jan. 16.
Pottery animal figure. I. Miller. 140,213–15; Jan. 30.
Pottery piece. S. V. Murray. 142,490; Oct. 2.
Power handsaw, Rotary. L. Vavrik. 142,235; Aug. 21.
Power unit. O. R. and R. A. Peterson. 142,494; Oct. 2.
Power unit, Dual motor. R. F. Thornton. 143,370; Dec. 25.
Power unit housing, Portable engine. P. Altman. 143,260; Dec. 25.
Power unit housing, Portable engine. W. S. Tandler and F. A. de Weiss. 143,366–8; Dec. 25.
Press, Bench. W. C. Denison. 142,023; Aug. 14.
Press, Dental. J. J. Ingle. 143,074; Dec. 4.
Press, Hydraulic. W. C. Denison. 142,022; Aug. 14.
Press, Hydraulic. R. J. Hess and R. K. Sedgwick. 141,667–8; June 19.
Press or similar article, Bacon. N. D. Gibson. 140,707; Apr. 3.
Press, Printing. C. S. Crafts. 142,471; Oct. 2.
Press with indexing table. W. C. Denison. 142,024; Aug. 14.
Pressure cooker door and securing apparatus, Combined. E. J. Le Claire. 143,081; Dec. 4.
Projector. L. Geis. 143,067; Dec. 4.
Projector, Motion picture. O. R. Nemeth. 140,426; Feb. 27.
Projector, Picture. G. E. Hamilton. 140,348; Feb. 13.
Propeller, Fan. Bob Debenport. 141,573; June 12.
Propeller, Fan. B. Lee. 142,260; Aug. 21.
Propeller for diameter control. H. Birsh. 141,235; May 15.
Pull or similar article, Drawer. R. A. Stone. 142,043; Aug. 14.
Puller, Weed. R. T. Sand. 142,531; Oct. 9.
Pump. E. J. Svenson, G. J. Peterson, and S. H. Stone. 140,523; Mar. 6.
Pump, Air. L. E. Russell. 140,232; Feb. 6.
Pump apparatus or similar article, Portable. O. G. Mandt and A. C. Saxe. 140,642; Mar. 20.
Pump, Centrifugal. J. M. Little. 141,581; June 12.
Pump, Grease. C. W. Sundberg. 140,987; Apr. 24.
Pump or similar article, Bilge. T. Langan. 143,078–9; Dec. 4.
Purse, Coin. H. P. Behrman. 141,156; May 8.
Puzzle. W. B. Sewell. 140,371; Feb. 20.
Puzzle. H. H. Wilson. 141,391; May 29.
Quartz orientation table unit. D. Tilton. 140,064; Jan. 16.
Quilt. M. A. and W. P. Stover. 140,124; Jan. 23.
Rack and pincushion, Combined sewing. A. A. Grimsby. 142,477; Oct. 2.
Rack and smoking stand, Combined book, magazine, newspaper. L. Reis. 141,942; July 31.
Rack, Combined knife and towel. J. M. Marateck. 141,902; July 31.
Rack, Croquet. R. T. Gutz and A. Swainson. 142,352; Sept. 11.
Rack, Croquet. A. Swainson and R. T. Gutz. 142,353; Sept. 11.
Rack, Display. R. W. MacDonald. 143,149; Dec. 11.
Rack, Display. W. Wheary. 141,319; May 22.
Rack for bagged peanuts, Counter display. R. B. Wemyss. 140,247; Feb. 6.
Rack for bow ties, belts and the like. M. Rosenblatt. 141,725; June 26.
Rack, Jewelry. M. Sacoder. 141,790; July 3.
Rack, Knife. H. P. Glass. 141,956–60; Aug. 7.
Rack, Knife. B. R. Glukes. 141,898; July 31.
Rack, Magazine. E. A. Herrera. 140,566; Mar. 13.
Rack, Merchandise display. L. H. Burlin. 141,487; June 5.
Rack, Necktie. P. Pestyner. 143,348; Dec. 25.
Rack or similar article, Butcher's sanitary tool. A. H. Remillong and W. F. Montandon. 140,673; Mar. 27.
Rack or similar article, Display. J. L. Coates. 141,750; July 3.
Rack or similar article, Stirring spoon. R. Stacey. 142,593; Oct. 16.
Rack or similar article, Tie. A. P. Jankas. 142,031; Aug. 14.
Rack or the like, Merchandise. J. L. Ford. 142,952; Nov. 20.
Rack or the like, Towel. E. J. Coffed. 141,976; Aug. 7.
Rack, Pen. P. Rossi. 140,072–4; Jan. 16.
Rack, Portable clothes. A. C. Botsford and C. J. Chasse. 142,059; Aug. 14.
Rack, Sewing. M. M. Atherton. 141,515; June 5.
Rack, Sewing. R. G. Presley. 141,863; July 10.
Rack, Shoe shining. C. P. Bieger. 142,370; Sept. 25.
Rack, Tie. E. J. Coffed. 141,571; June 12.
Rack, Tie. J. Lester. 141,067; May 1.
Rack, Tie. N. Levin. 140,121; Jan. 23.
Rack, Tie. W. G. Williams. 141,134; May 8.
Rack, Towel. D. Greene. 141,779–80; July 3.
Rack, Towel. A. Marchand. 142,304; Aug. 28.
Racker, Poker chip. W. B. Sewell. 141,950; Aug. 7.
Radio and phonograph table, Combination. H. L. Weisburgh. 143,376; Dec. 25.
Raincoat or similar article. E. Bernath. 141,158; May 8.
Range. J. D. Coleman. 142,837; Nov. 13.
Rattle. P. E. Allen. 139,960–1; Jan. 9.
Rattle and teething device, or similar article, Combined baby. G. I. Mims. 140,445; Feb. 27.
Rattle, Baby. E. T. Fretz. 141,757; July 3.
Razor. L. Cotton. 140,654; Mar. 27.
Razor, Safety. V. Dudas. 142,950; Nov. 20.
Receiver earpiece. A. E. Woodruff. 142,133; Aug. 14.
Receptacle, Coin. R. S. Berens. 142,015; Aug. 14.
Receptacle, Condiment. H. W. Keuper. 142,032; Aug. 14.
Receptacle for infant's food. E. J. Wormley. 143,379; Dec. 25.
Receptacle, Game counter. D. B. Alexander and S. E. Toussaint. 141,136; May 8.
Receptacle, Garbage. E. F. Kautz. 142,424; Sept. 25.
Receptacle or similar article, Mail. T. B. Owens. 142,493; Oct. 2.
Receptacle or similar article, Toilet soap. W. C. Quinn. 141,789; July 3.
Record player. L. J. Andres. 140,989; Apr. 24.
Recorder and reproducer or similar article, Combination magnetic. M. Camras. 143,182; Dec. 18.
Recorder or similar article, Magnetic. M. Camras. 143,183; Dec. 18.
Recording machine casing, Voice. C. C. Walker. 141,131; May 8.
Reel, Fish line. R. T. Hedfield. 141,979; Aug. 7.
Reel, Fishing. R. R. Allen. 142,686; Oct. 30.
Reel, Fishing. G. J. Sharpe. 141,618; June 19.
Reel for electric conductor cords. J. M. Little. 140,055; Jan. 16.

Refreshment counter and seat, Combined. P. A. De Belling. 140,992; Apr. 24.
Refrigerating unit. F. G. Peck. 143,161; Dec. 11.
Refrigerator and frozen food display, Combination. J. Tyler. 140,198; Jan. 30.
Refrigerator and kitchen unit, Cabinet type. J. H. Benson. 140,901; Apr. 17.
Refrigerator, Display. C. B. Shreve. 142,910; Nov. 13.
Remover, Container closure. M. C. Ranseen. 141,967; Aug. 7.
Remover, Crown cap. M. C. Ranseen. 141,968; Aug. 7.
Rest, Finger. P. McPharlin. 142,327; Aug. 28.
Retainer, Strap extension. L. L. Steigerwald. 141,622; June 19.
Rheostat. D. Di Stadio. 141,827; July 10.
Ring. S. A. Berg. 142,544; Oct. 16.
Ring. A. Klein. 140,548; Mar. 6.
Ring. L. Lieber. 140,003; Jan. 9.
Ring. H. Pommier. 140,867–8; Apr. 10.
Ring. H. Pommier. 140,936; Apr. 17.
Ring. H. J. Sudbrink. 142,234; Aug. 21.
Ring. P. J. Touraine. 140,125; Jan. 23.
Ring and watch, Combined finger. M. Ostier. 141,696; June 26.
Ring, Finger. B. Adler. 141,337; May 22.
Ring, Finger. M. Berger. 141,628; June 19.
Ring, Finger. B. Eah. 142,164; Aug. 14.
Ring, Finger. C. Gantwarg. 141,002; May 8.
Ring, Finger. C. Gantwarg. 143,297; Dec. 25.
Ring, Finger. H. J. Jung. 142,868; Nov. 13.
Ring, Finger. E. Kiff. 139,912; Jan. 2.
Ring, Finger. A. Koenig. 140,231; Feb. 6.
Ring, Finger. G. Pohli. 142,589; Oct. 16.
Ring, Finger. C. F. Pugh. 140,086; Jan. 23.
Ring, Finger. C. Van B. Reilly. 143,166; Dec. 11.
Ring, Finger. G. P. Wagner. 140,235; Feb. 6.
Ring, Finger. H. M. Walden. 143,374; Dec. 25.
Ring, Finger. E. L. Weed. 142,603; Oct. 16.
Ring, Napkin. B. H. Pents and G. Berlin. 141,501; June 5.
Ring or similar article, Cluster. E. N. Schenkein. 140,871; Apr. 10.
Ring or similar article, Finger. S. Kalina and I. Kamens. 140,177; Jan. 30.
Robe. E. L. Goble. 141,008; Apr. 24.
Rocking device, Child's. B. C. Timmerman. 142,046; Aug. 14.
Rocking horse or similar article, Wheeled. A. H. Hanscom. 139,950; Jan. 9.
Rotary actuator unit for movable parts of an aircraft. W. P. Lear. 140,211; Jan. 30.
Router. N. Anderson. 141,729; July 3.
Rubber, Toe. J. J. Marx and F. J. Heckman. 140,822; Apr. 10.
Sachet or similar article. A. Yandell. 143,177; Dec. 11.
Sadiron. C. Karstadt. 141,456; June 5.
Sadiron, Electric. C. Karstadt. 140,096; Jan. 23.
Sander, Surface. J. L. Feild. 143,293; Dec. 25.
Saucepan. D. T. Bergman. 143,263; Dec. 25.
Saw. F. Collura. 140,810; Apr. 10.
Saw and rule, Combined. V. R. Pileggi. 143,025; Nov. 27.
Saw or similar article, Band. R. H. Andresen. 142,810; Nov. 13.
Saw or similar article, Circular. R. H. Andresen. 142,809; Nov. 13.
Scabbard or the like. W. E. Fairbairn, F. R. Graninger, and E. G. Millison. 140,745; Apr. 3.
Scaffold unit. L. A. Reiner. 142,350; Aug. 28.
Scaffold unit. L. A. Reiner. 142,496; Oct. 2.
Scale, B. Ruskin. 140,618; Mar. 20.
Scale, Bathroom. D. Chapman. 142,064; Aug. 14.
Scale, Drawing. V. C. Miller. 141,691; June 26.
Scale for vehicles, Wheel-load. H. Dreyfuss. 139,934–5; Jan. 2.
Scale, Palm reading. O. O. Hembree. 140,713; Apr. 3.
Scale, Weighing. G. D. Barok. 142,055; Aug. 14.
Scale, Weighing. H. Dreyfuss. 139,917–21; Jan. 2.
Scale, Weighing. H. Dreyfuss. 139,923–33; Jan. 2.
Scale, Weighing. H. Dreyfuss. 141,795; July 3.
Scale, Weighing. J. Palma, Jr. 141,724; June 26.
Scale, Weighing. B. M. Thiel. 142,536; Oct. 9.
Scaling device, Fish. O. G. Rieske. 143,167; Dec. 11.
Scarf. D. G. Carpenter. 141,659; June 19.
Scarf. P. Goldenstein. 141,161–6; May 8.
Scarf. R. Gottschalk. 140,660–1; Mar. 27.
Scarf. J. Lavalle. 140,144; Jan. 30.
Scarf, Head. B. B. Smith and E. Z. Cauter. 142,915; Nov. 13.
Scarf or similar article. J. Brodigan. 142,469; Oct. 2.
Scarf or similar article. S. L. Hermanos. 142,169; Aug. 14.
Scarf or similar article. P. A. Vogelman. 140,787; Apr. 10.
Scoop or similar article. N. E. Hopkins. 142,480; Oct. 2.
Score board. S. Frank. 140,767; Apr. 10.
Screen for a doll's house. N. Kropatkin. 141,923; July 31.
Screw driver, Lever type. S. Bloomfield. 142,982; Nov. 27.
Screwdriver or similar article. G. M. Walraven. 142,267; Aug. 21.
Seal or similar article. M. A. Tomlinson. 141,476; June 5.
Seat, Child's swing. I. C. Edbing. 142,708; Oct. 30.
Seat, Combination collapsible baby's automobile and swing. S. J. Geluso. 140,503; Mar. 6.
Seat, Infant's portable toilet. S. S. Schnittmann. 142,909; Nov. 13.
Seat or the like, Child's. F. J. Underkofler 140,126; Jan. 23.
Seat, Toilet. P. J. Spersel. 140,184; Jan. 30.
Seat, Toilet. J. D. Williams, Jr. 142,755; Oct. 30.
Selector and indicator for movable parts of an aircraft or similar article, Position. W. P. Lear. 140,276; Feb. 6.
Separator, Bench cream. R. W. Muerle. 142,437; Sept. 25.
Separator supply tank, Cream. C. E. Butler. 143,128; Dec. 11.
Server top, or similar article. R. Bernhardt. 141,351; May 29.
Setting for a gem, or similar article. M. J. Schless. 139,946; Jan. 2.
Sewing machine frame. W. B. Foster. 140,382; Feb. 20.
Sewing machine or similar article. A. B. Clayton. 140,208; Jan. 30.
Sewing machine or the like, Button. W. T. Mazant. 142,435; Sept. 25.
Shade for a lamp or similar article. W. H. Miller. 141,025; Apr. 24.
Shade, Lamp. R. Castro. 142,062–3; Aug. 14.
Shade or similar article, Light. W. H. Miller. 142,287; Aug. 21.
Shaft for andirons, Vertical. E. O. Crocker. 142,295–6; Aug. 28.
Shaker, Combination salt and pepper. M. Cusanelli. 140,462; Feb. 27.
Shaker or similar article, Condiment. B. Blecher. 140,333–4; Feb. 13.
Shaker or similar article, Condiment. B. Blecher. 142,695–8; Oct. 30.
Shaker or similar article, Condiment. R. V. Gans. 141,323; May 22.
Shaker or similar article, Condiment. R. V. Gans. 141,325; May 22.
Shaker or similar article, Condiment. R. V. Gans. 141,339; May 22.
Shaker or similar article, Condiment. C. A. Wanger. 141,709; June 26.
Shaker or similar article, Salt. E. G. Cobelli and D. N. McDougal. 142,374; Sept. 25.
Shaker or similar article, Salt. M. A. C. Johnson. 140,339; Feb. 13.
Shaker or the like, Salt. L. E. Bauer. 141,455; June 5.
Shaker or the like, Salt. R. Shatkin. 142,744; Oct. 30.
Shank for a finger ring. E. Kiff. 139,943; Jan. 2.
Sharpener and can opener, Combination knife. R. Boettinger. 142,466; Oct. 2.
Sharpener for pencils, Razor blade. E. Weiss. 141,270; May 15.
Sharpener, Knife. R. Boettinger. 142,467; Oct. 2.
Sharpener, Knife. A. W. Loucony. 142,880; Nov. 13.
Sharpener, Pencil. E. C. Hoffmann. 142,863; Nov. 13.
Shears, Grass. T. J. Caves. 140,809; Apr. 10.
Shears, Leather. G. Donohoe. 140,441; Feb. 27.
Sheath or similar article. R. O. Green. 140,346–7; Feb. 13.
Sheet for fragile articles, Packing. E. L. Shepard. 143,042; Nov. 27.
Shelf and mirror, Combined whatnot. F. P. Heany. 142,072; Aug. 14.
Shelf or the like, Utility. L. Hervey. 140,750; Apr. 3.
Shelf, Refrigerator. O. H. Paddock. 142,904; Nov. 13.
Shelf, Wall. C. Daum. 141,824; July 10.
Shelf, Wall. N. Vander Bloomen. 142,920; Nov. 13.
Shield. H. Pedersen. 141,997; Aug. 7.
Shield, Eye. J. E. Du Bois. 140,312; Feb. 13.
Shield, Eye. D. E. Kimball. 143,077; Dec. 4.
Shield, Luminous light switch. J. Ross. 141,433; May 29.
Shield, Service record. A. C. Werback. 140,185; Jan. 30.
Ship or similar article. C. Hannevig. 140,275; Feb. 6.
Ship or similar article. C. Hannevig. 142,335; Aug. 28.
Shoe. U. Chaplain. 141,896; July 31.
Shoe. G. P. Christison. 141,953; Aug. 7.
Shoe. J. P. Famolare. 142,847; Nov. 13.
Shoe. J. Margouleff. 141,582; June 12.
Shoe. J. Margouleff. 141,590; June 12.
Shoe. J. Sandler. 140,573; Mar. 13.
Shoe. C. Wolfelt. 140,645; Mar. 6.
Shoe. M. Wolock. 142,461; Oct. 2.
Shoe. M. Wolock. 142,506–7; Oct. 2.
Shoe, Baby. M. E. Tiemeyer and B. E. Bates. 142,749; Oct. 30.
Shoe, Bowling. J. A. Scheps. 142,444; Sept. 25.
Shoe horn, Folding. A. W. Forman. 140,140; Jan. 30.
Shoe or similar article. W. Braun. 141,871; July 31.
Shoe or similar article. R. E. Frederick. 139,908; Jan. 2.
Shoe or similar article. H. J. Kroto. 140,820; Apr. 10.
Shoe or the like. G. Codish. 140,650; Mar. 27.
Shoe or the like, Woman's. G. Codish. 142,836; Nov. 13.
Shoe or the like, Women's. G. Codish. 140,651; Mar. 27.
Shoe protector. J. Karp. 141,741; July 3.
Shoe, Sandal type. N. J. Lissak and J. E. Lucey. 142,432; Sept. 25.
Shoe sole. J. E. Ryan. 140,675; Mar. 27.
Shoe sole and heel, Combined. E. M. Acosta. 142,929; Nov. 20.

Shoe sole and heel, Combined. C. Wolfelt. 140,703; Mar. 27.
Shoe tree, shoe horn, Combined. A. G. Berry, Jr. 140,806; Apr. 10.
Shoe tree, shoe horn, and buffer, Combined. S. Miller. 141,265; May 15.
Shorts, Men's. P. Friedman. 141,778; July 3.
Shoulder and head rest for throat operations or the like, Combined. W. L. Mermis. 141,168; May 8.
Shoulder pad for therapeutic purposes, Fur lined. W. Hamburger. 142,854; Sept. 11.
Shower head attachment for bath salts. O. d'Algodt. 142,841; Nov. 13.
Shredder, Food. F. F. Latahaw. 141,899; July 31.
Shuttlecock or similar article. J. L. Clark. 142,614; Oct. 23.
Siding unit or the like, Building. W. J. Heinning. 142,479; Oct. 2.
Sign. G. A. Heike. 143,072; Dec. 4.
Sign, Advertising. R. M. Bruner. 139,863; Jan. 2.
Sign board, Advertising. J. S. Batt. 143,180; Dec. 18.
Signboard, Outdoor. R. W. Olmsted. 141,309; May 22.
Signal, Chime. N. Abramson. 141,480–4; June 5.
Sink and cabinet, Combined. J. Stanits. 140,574–5; Mar. 13.
Skirt, Knitted. W. Johnson. 140,119; Jan. 23.
Slide, Coin. A. C. Haggstrom. 141,524; June 12.
Slide, Neckerchief. B. A. Rose. 140,369–70; Feb. 20.
Slip. S. Wolf. 143,056; Nov. 27.
Slip or similar article. M. Landy. 140,341; Feb. 13.
Slipper. P. D. Earl. 141,277; May 15.
Slipper. J. D. Ferriso. 142,281; Aug. 21.
Slipper, J. Macht. 141,281–2; May 15.
Slipper. G. Popik. 142,529; Oct. 9.
Slipper. M. S. Silver. 142,914; Nov. 13.
Slipper, Boudoir. S. M. Groff. 142,780; Nov. 6.
Slipper, House. G. Cohn. 140,638; Mar. 20.
Slipper, House. M. P. Hlestand. 142,282; Aug. 21.
Slipper or similar article. T. R. Ingram. 140,325; Feb. 13.
Slipper or similar article, Child's. H. E. Rosen. 142,339; Aug. 28.
Soap, Bar of toilet. S. J. Eisenberg. 140,927; Apr. 17.
Soap saver. E. K. Madan. 141,011; Apr. 24.
Sock. J. I. McKeown. 140,342; Feb. 13.
Sock or similar article. A. Yandell. 141,336; May 22.
Sock, Ski. H. R. Anderson. 141,773; July 3.
Socket, Terminal. P. Meminger. 142,105; Aug. 14.
Sofa or similar article, Miniature. E. Handler and H. R. Matson. 140,906; Apr. 17.
Sole or similar article, Shoe. J. Gregg. 140,174; Jan. 30.
Sound head for motion picture projectors. O. R. Nemeth. 140,427; Feb. 27.
Spacer, Picture frame. G. W. Vreeland. 143,373; Dec. 25.
Spark plug. C. E. Bowes and S. C. Sundling. 141,138; May 8.
Spark plug. G. D. Suter. 142,595; Oct. 16.
Spatula. J. Neiser. 141,123; May 8.
Spectacle front. G. E. Nerney. 142,036; Aug. 14.
Spectacles, Pair of. W. J. Joyce. 140,506; Mar. 6.
Spectacles, Pair of semirimless. J. J. Rohrbach. 141,743–4; July 3.
Spinning toy. J. Baca. 140,306; Feb. 13.
Spoon. S. W. Farber. 140,263; Feb. 6.
Spoon. L. P. Spriggley. 141,069; May 1.
Spoon, Cooking. S. W. Farber. 140,264–5; Feb 6.
Spoon or article of similar nature, Glass. C. L. Fordyce. 141,112; May 8.
Spoon or other article of flatware. L. V. M. Helander. 140,749; Apr. 3.
Spoon or other article of flatware. L. V. M. Helander. 142,714; Oct. 30.
Spoon or other article of flatware. P. Katz. 140,911; Apr. 17.
Spoon or other article of flatware. W. S. Warren. 141,624; June 19.
Spoon or other article of flatware. W. S. Warren. 142,602; Oct. 16.
Spoon or other article of flatware. W. Weeks. 140,262; Feb. 6.
Spoon or similar article. K. L. Gustafson. 140,564; Mar. 13.
Spoon or similar article. G. E. Sekowski. 143,170; Dec. 11.
Spoon or similar article. G. L. Turner. 142,918; Nov. 13.
Spoon or similar article, Kitchen. W. O. Brown. 142,545; Oct. 16.
Spoon or similar article of flatware. S. Summon. 141,998; Aug. 7.
Spoon or similar article of flatware. S. Summon. 142,291; Aug. 21.
Spoon, Skimming. F. K. Storm. 143,047; Nov. 27.
Spoon unit, Measuring. K. L. Mathewson. 141,881; July 31.
Spout and valve hood, Combined swing. J. Stanits. 140,557; Mar. 13.
Spout or similar article. J. S. Judell. 140,692; Mar. 27.
Spray head or the like. H. Dreyfuss. 142,992; Nov. 27.
Spray pump. H. V. Saffell. 141,557; June 12.
Sprayer or similar article. K. H. Wittke. 141,806; July 3.
Sprayer, Water pressure. A. E. Thompson. 141,623; June 19.
Sprinkler head base. J. R. Goggins. 142,401; Sept. 25.
Sprinkler, Rotary lawn. T. Loverde. 140,665; Mar. 27.
Squeezer, Fruit. S. J. Shaftel and J. Hausner. 140,451; Feb. 27.
Stamp, Seal. L. Cotton. 141,521; June 12.
Stand and container for perfumery, Combined display. L. J. Misuraca. 140,772; Apr. 10.
Stand and hand set, Combined telephone desk. G. Deakin. 140,904; Apr. 17.
Stand and hand set, Combined telephone desk. E. F. McKenna. 141,425; May 29.
Stand and nail polish container or similar article, Combined display. A. Lefcourte. 140,876; Apr. 17.
Stand and serving tray, Combined smoking. O. Mankki. 143,018; Nov. 27.
Stand, Bracelet display. F. Siegel. 141,791; July 3.
Stand, Clothes. L. Schweitzer. 141,851; July 10.
Stand, Collapsible music. W. Berg. 141,989; Aug. 7.
Stand, Collapsible music. F. Gambe. 140,336; Feb. 13.
Stand, Cosmetic color selection. J. Brodour. 143,181; Dec. 18.
Stand, Display. R. Brinkema. 143,125; Dec. 11.
Stand, Display. C. J. Christopher. 141,108; May 8.
Stand, Display. E. G. Cole and H. H. Schumacher. 139,876; Jan. 2.
Stand, Display. H. C. Macpherson. 143,333; Dec. 25.
Stand, Display. V. Rosner. 140,828; Apr. 10.
Stand, Foot. J. L. McLane. 140,212; Jan. 30.
Stand for flowers or the like. F. Heidt. 140,769; Apr. 10.
Stand for grinding wheels and similar articles, Display. E. B. Gallaher. 143,066; Dec. 4.
Stand for packaged commodities, Counter display. R. B. Wemyss. 142,131; Aug. 14.
Stand for phonograph record albums or the like, Display. L. W. Schneider. 139,895; Jan. 2.
Stand for phonograph record albums or the like, Display. L. W. Schneider. 140,468; Feb. 27.
Stand, Hub switch. C. H. Nordberg. 141,996; Aug. 7.
Stand, Microphone. G. F. Braun. 140,686; Mar. 27.
Stand, Microphone. R. M. Somers. 140,701; Mar. 27.
Stand, Millinery display. J. E. Yost. 140,579; Mar. 13.
Stand or similar article, Book. H. H. Thompson. 141,596; June 12.
Stand or similar article, Calendar. C. N. Montanye. 140,365; Feb. 20.
Stand or similar article, Calendar. H. L. Moore. 140,366; Feb. 20.
Stand or similar article, Display. F. Frederics. 143,202–3; Dec. 18.
Stand or similar article, Display. M. B. Horton. 143,320; Dec. 25.
Stand or similar article, Flag display. A. J. Olay. 140,626; Mar. 20.
Stand or similar article for jewelry and the like, Display. M. Sallinger. 142,498; Oct. 2.
Stand or the like, Crocheting. T. B. Owens. 142,903; Nov. 13.
Stand, Produce display. J. Tyler. 142,752; Oct. 30.
Stand, Smoker. M. E. Olin. 143,024; Nov. 27.
Stand, Smoker's. O. C. Funderburk. 143,205; Dec. 18.
Stand, Smoker's. O. Mankki. 143,019; Nov. 27.
Stand, Smoker's. O. Mankki. 143,230; Dec. 18.
Stand, Smoking. O. Mankki. 143,017; Nov. 27.
Stand, Telephone. J. O. Reinecke. 142,742; Oct. 30.
Stand, Telephone desk. G. Deakin. 142,843; Nov. 13.
Stand, Tip lid for smoker's. O. Mankki. 143,229; Dec. 18.
Stand unit, Fountain pen. W. K. Olson. 142,385; Sept. 25.
Starter. V. C. Hodges. 142,199; Aug. 14.
Statuette. T. O'Donnell. 141,799; July 3.
Statuette, Newspaper boy. C. J. Beaver. 139,962; Jan. 9.
Step for flexible ladders. H. Fritzner. 140,324; Feb. 13.
Sterilizer, Ultraviolet. G. E. Glatthar and J. Terr. 139,938–9; Jan. 2.
Sterilizer, Ultraviolet. G. E. Glatthar, and J. Terr. 139,948; Jan. 9.
Sterilizer, Ultraviolet. G. E. Glatthar and J. Terr. 140,141; Jan. 30.
Stock tank heater. J. K. Newhall. 139,889; Jan. 2.
Stoker. R. F. Graham. 141,831; July 10.
Stool. W. C. Panzer. 141,879; May 29.
Stopper, Milk carton. E. E. Swanson. 142,196; Aug. 14.
Stove, Combination heating and cooking. W. R. Chamberlain. 141,460; May 29.
Stove, Cooking. B. N. Trombley. 141,841; July 10.
Stove, Sportsman's. E. H. Stempel and S. Rasmussen. 143,360; Dec. 25.
Straightener, Axle. S. W. Martin. 140,268; Feb. 6.
Strainer. W. C. P. Zabel and R. C. Helfenbein. 143,105; Dec. 4.
Strap or similar article, Watch. S. Kaufman. 142,215; Aug. 21.
Strap, Wrist watch. J. E. Du Bois. 141,753; July 3.
Strap, Wrist watch. A. Greenberg. 142,404; Sept. 25.
Stroller, Doll. M. Cohen. 141,946; Aug. 7.
Stylus. A. R. Marcucci. 141,167; May 8.
Submarine and land tank, Combination. R. M. Sutphen. 143,365; Dec. 25.
Suit. S. Cohen. 143,184–6; Dec. 18.
Suit. J. Freedman. 143,196–201; Dec. 18.
Suit. A. Gruber. 140,037–8; Jan. 16.
Suit. A. Gruber. 140,266; Feb. 6.
Suit. A. Gruber. 140,463; Feb. 27.

Suit. A. Gruber. 140,689; Mar. 27.
Suit. A. Gruber. 141,273–5; May 15.
Suit. A. Gruber. 141,393–6; May 29.
Suit. A. Gruber. 141,401–3; May 29.
Suit. A. Gruber. 141,488; June 5.
Suit. A. Gruber. 142,004; Aug. 7.
Suit. A. Gruber. 142,069; Aug. 14.
Suit. A. Gruber. 142,557; Oct. 16.
Suit. M. Levy. 141,492–3; June 5.
Suit. M. Levy. 141,981; Aug. 7.
Suit. M. Levy. 141,994; Aug. 7.
Suit. M. Levy. 142,002; Aug. 7.
Suit. I. Love. 140,039; Jan. 16.
Suit, Bathing. T. Lesser. 143,082; Dec. 4.
Suit, Bathing. M. Sheldrick. 142,127–8; Aug. 14.
Suit, Boy's. D. T. Kogna. 140,071; Jan. 16.
Suitcase. R. D. Tobey. 143,173; Dec. 11.
Suit, ensemble. D. Konhauzer. 140,694; Mar. 27.
Suit, Lady's. S. Kuznets. 139,999; Jan. 9.
Suit, Lady's. S. Kuznets. 140,000–1; Jan. 9.
Suit, Lady's. S. Kuznetz. 142,874; Nov. 13.
Suit or similar article, Swim. M. F. Laszlo. 140,352–4; Feb. 13.
Suit or similar article, Swim. M. F. Laszlo. 140,529; Mar. 6.
Suit, Swim. M. F. Lasslo. 140,752; Apr. 3.
Sun shield, Lip retaining. J. Steele. 141,060; May 1.
Support for toilet accessories or the like. A. R. and J. R. Batten. 140,628; Mar. 20.
Support, Maternity garter. A. K. Collins and L. R. Hamilton. 142,838; Nov. 13.
Surface treating machine. L. Vavrik. 142,452; Sept. 25.
Swatter or similar article, Fly. G. W. Lambert. 142,428; Sept. 25.
Swing, Glider. J. R. Slaughter. 141,705; June 26.
Swing, Lawn. P. A. Cosme. 141,676; June 26.
Swing spout and escutcheon for mixing faucets, Combined. J. Stanitz. 141,349; May 22.
Switch back for an electric switch. E. J. Baumgardner. 141,100; May 8.
Switch, Foot-operated. A. L. Simonds. 141,413; May 29.
Switch housing. V. L. Darnell. 143,280; Dec. 25.
Switch plate, Wall. J. P. and J. A. Gita. 141,371; May 29.
Switch plate, Wall. J. P. and J. A. Gita. 141,392; May 29.
Table. R. Bruner. 140,838; Apr. 10.
Table. B. R. Gluken. 142,211; Aug. 21.
Table. D. M. Harrion. 143,312; Dec. 25.
Table. E. H. Hunter. 143,004; Nov. 27.
Table. J. E. Lundy. 142,434; Sept. 25.
Table. W. H. McDonald. 139,869–70; Jan. 2.
Table. W. H. McDonald. 139,884; Jan. 2.
Table. W. H. McDonald. 139,890; Jan. 2.
Table. C. E. Rosenfeld. 141,386; May 29.
Table. D. H. Whitehead. 140,134; Jan. 23.
Tablecloth. J. J. Maibach. 141,250–1; May 15.
Tablecloth, Lace. H. Hooven. 140,418–24; Feb. 27.
Tablecloth, Lace. H. Hooven. 142,074–6; Aug. 14.
Tablecloth, Lace. F. P. Otto. 140,430–1; Feb. 27.
Tablecloth, Lace. F. P. Otto. 142,113–15; Aug. 14.
Tablecloth, Lace. W. Wolf. 140,436; Feb. 27.
Tablecloth, Lace. W. Wolf. 142,132; Aug. 14.
Tablecloth or similar article. M. C. McGee. 140,666; Mar. 27.
Tablecloth or similar article. M. Stein. 142,447; Sept. 25.
Table, Combination stand and service. W. I. Evans. 141,929; July 31.
Table, Display. H. H. Schwartz. 141,151; May 8.
Table, Foldable serving. L. Lion. 142,171; Aug. 14.
Table, Infant's dressing and rubbing. E. M. Elson. 143,200; Dec. 25.
Table, Ironing. C. E. Meyerhoefer. 142,261; Aug. 21.
Table or similar article. M. Elsen. 141,857; July 10.
Table, Self illuminated and illuminating transparent rotary display. M. Deutsch. 140,390; Feb. 20.
Table top, Card. B. H. Dawson and W. L. Adams. 141,825; July 10.
Table top or similar article. B. Faggin. 140,527; Mar. 6.
Table unit, Meat packing. F. J. Bilek. 141,549; June 12.
Table unit or analogous article, Drop leaf. B. A. Doty. 141,563; June 12.
Table unit, Sectional display. N. S. Irwin. 141,547; June 12.
Tag and money clip, Combined identification. H. S. Kirsch. 142,718; Oct. 30.
Tag, Identification. C. M. Bradbury. 139,922; Jan. 2.
Tank, Fluid storage. E. H. Benson. 141,914; July 31.
Tank or the like, Vacuum cleaner. D. Chapman. 142,947; Nov. 27.
Tank, Single place. J. J. Baldine. 140,459; Feb. 27.
Tank, Submarine. C. Hill. 142,247; Aug. 21.
Tap, Milk carton. E. E. Swanson. 142,197; Aug. 14.
Tautener, Clothesline. R. C. Lewis. 140,192; Jan. 30.
Teacup. M. L. Hubbard. 143,321; Dec. 25.
Teakettle. J. H. Reichart. 140,754; Apr. 3.
Teapot. R. Gans. 141,814; July 10.
Teapot or similar article. R. V. Ganz. 141,324; May 22.
Teapot or similar article. N. E. Graven. 141,041; May 1.
Teaching lacing, Device for. T. A. Pares. 143,237; Dec. 18.
Telephone desk set, Loud speaking. T. C. Riebe. 141,511; June 5.
Telephone, Field. C. A. Knorr. 142,873; Nov. 13.
Telephone set, Convertible desk and wall. R. S. McLarn and M. G. Kolmes. 141,641; June 19.
Template. E. J. Muldoon. 142,653; Oct. 23.
Template, Symbol. W. H. Bolter. 141,675; June 26.
Temple piece, Spectacle. E. and A. Barrett. 143,113; Dec. 11.
Tenderer, Meat. A. H. Ahrndt. 142,508; Oct. 9.
Tenderizing machine, Meat J. P. Spang. 142,916; Nov. 13.
Testing device, Milk. C. A. Thomas. 140,580; Mar. 13.
Textile fabric. J. F. Hoffmann. 141,939; July 31.
Textile fabric. A. Honeywell. 142,560; Oct. 16.
Textile fabric or similar article, Embroidered. O. Frei. 142,166; Aug. 14.
Textile fabric, Woven. J. Walther. 140,970–2; Apr. 24.
Textile fabric, Woven. J. Walther. 141,332–35; May 22.
Thermohydrometer. A. Z. Hoyer. 140,601; Mar. 20.
Thermohydrometer or the like. L. Edelmann. 142,378; Sept. 25.
Thermometer case or similar article, Humidity and temperature. G. L. Beckstrom. 140,374; Feb. 20.
Thermostat or the like. M. C. Lindeman. 141,688; June 26.
Thimble. J. J. Bradley. 140,525; Mar. 6.
Threader and needle card holding device, Combined needle. S. A. De Waltoff. 143,286; Dec. 25.
Thumb-rest for firearms or similar article. E. A. Emil. 142,016; Aug. 14.
Tieclasp. B. Glastal. 141,738–9; July 3.
Tire. W. F. Billingsley. 142,691; Oct. 30.
Tire. E. F. Brunner. 141,437; June 5.
Tire. G. W. Walker. 141,821; July 10.
Tire. G. W. Walker. 141,895; July 31.
Tire, Automobile. F. Michael. 140,668; Mar. 27.
Tire, Pneumatic. E. S. Ewart. 142,548; Oct. 16.
Toaster and cooker, Combination. O. E. Stelzer. 142,306; Aug. 28.
Toaster, Electric. H. E. Page. 142,037; Aug. 14.
Toaster or similar article. G. W. Walker and K. A. Hopkins. 143,054; Nov. 27.
Tom-Tom or similar article. A. V. Rivero. 140,520; Mar. 6.
Tong, Lifting. L. Martinelli. 140,240; Feb. 6.
Tongs or the like, Laundry. G. M. Tamblyn. 141,909; July 31.
Tongs, Pair of. A. O. Wells. 140,577; Mar. 13.
Tool, Bottle and can opening. W. H. Joyce. 140,617; Apr. 10.
Toolbox for a truck or similar article, Fuel tank mounted. F. Prior. 141,908; July 31.
Tool, Combined. L. Pierre. 142,263; Aug. 21.
Tool, Compound. W. M. Gallagher. 141,321; May 22.
Tool for fowls or the like, Eviscerating. E. M. Lynn. 140,193; Jan. 30.
Toolholder. H. C. Muhlbach. 141,835; July 10.
Tool or similar article, Tire. F. Homme. 140,908; Apr. 17.
Tool, Pipe cutting. C. H. Ingwer. 143,075; Dec. 4.
Tool, Pipe threading. W. A. Phillis. 143,239; Dec. 18.
Tool, Scraping. H. E. Bremer. 142,468; Oct. 2.
Tool, Tire. H. J. Bailey. 142,931; Nov. 20.
Tool unit, Machine. W. D. Archea. 142,814; Nov. 13.
Tool unit, Motor driven hand. B. A. Runstrom. 140,197; Jan. 30.
Tool unit, Power. T. S.. Briskin. 142,135; Aug. 14.
Toothbrush. M. W. Alexander. 141,350; May 29.
Toothbrush. A. Cohen. 140,438; Feb. 27.
Toothbrush. J. Tutrani. 141,562; June 12.
Top, Can. J. Coyle and W. F. Punte. 141,991; Aug. 7.
Tower. H. Cohen. 141,106; May 8.
Tower, Water-cooling. J. G. De Flon and G. W. Meyer. 142,342; Aug. 28.
Toy. L. G. Baker. 142,932; Nov. 20.
Toy. E. M. Belknap. 141,018; Apr. 24.
Toy. W. H. Biever. 140,990; Apr. 24.
Toy. R. E. Boyse and S. W. Bradford. 140,311; Feb. 13.
Toy. W. R. Braund. 142,161; Aug. 14.
Toy. A. J. Bruns. 140,155–6; Jan. 30.
Toy. J. Bunnell. 141,855; July 10.
Toy. F. Caplan and R. Bufano. 140,076–9; Jan. 23.
Toy. P. V. Chicone and P. Ciccone. 142,149; Aug. 14.
Toy. L. Farmer. 141,062; May 1.
Toy. C. W. Judd. 142,321–5; Aug. 28.
Toy. B. F. Long. 141,965; Aug. 7.
Toy. V. E. Meers. 142,575; Oct. 16.
Toy. T. J. Parker. 141,697; June 26.
Toy. A. G. Promer. 140,883; Apr. 17.
Toy. A. Rasnick. 140,315; Feb. 13.
Toy. E. C. Ruehle. 142,039; Aug. 14.
Toy. M. Stuart. 140,661–2; Mar. 27.
Toy. M. Stuart. 140,918; Apr. 17.
Toy. F. W. Werring. 140,723; Apr. 3.
Toy. L. L. Westcamp. 141,886; July 31.
Toy. L. Wolf. 141,514; June 5.
Toy. L. Wolf. 141,972–3; Aug. 7.
Toy airplane. N. M. Soulé. 141,027; Apr. 24.
Toy amphibian truck or similar article. A. Dickson. 139,995; Jan. 9.
Toy and advertising novelty, Combination. E. E. Moore. 141,096; May 8.
Toy, Animal. C. M. Flandermeyer. 140,629; Mar. 20.

Toy, Animal. W. Paul. 141,982; Aug. 7.
Toy, Animal. W. Paul. 141,983; Aug. 7.
Toy animal figure. L. R. Leskey. 141,000; Apr. 24.
Toy animal, Stuffed. M. Szrajer. 140,487–92; Feb. 27.
Toy automobile. J. E. Gibson, Jr. 141,022; Apr. 24.
Toy automobile. E. B. Rosch. 142,229; Aug. 21.
Toy automobile or the like. J. L. Stack, Jr. 143,099; Dec. 4.
Toy ball. R. L. Fisk and A. Abicht. 142,393–5; Sept. 25.
Toy, Ball-cage. B. Davidson. 141,522; June 12.
Toy, Ball tossing. A. M. Baker. 142,367; Sept. 11.
Toy bank or similar article. J. B. Lenhart. 141,280; May 15.
Toy bank or similar article. J. B. Lenhart. 142,347; Aug. 28.
Toy, Bell. E. New. 142,964; Nov. 20.
Toy block or similar article, Washable. B. Greenfield. 141,340; May 22.
Toy boat. A. Rietzke. 141,701–2; June 26.
Toy boat. W. L. Ripley. 140,720; Apr. 3.
Toy boat or similar article. T. O. Drescher. 140,993; Apr. 24.
Toy boat or similar article. T. O. Drescher. 141,005–6; Apr. 24.
Toy building. W. W. Tackett. 140,576; Mar. 13.
Toy building block. N. H. Berendsen. 141,627; June 19.
Toy building block. C. M. Dabrohua. 143,272–9; Dec. 25.
Toy calf, Stuffed. M. J. Denniston. 141,246; May 15.
Toy cannon. A. Keller. 141,010; Apr. 24.
Toy cannon. D. C. La Barre. 142,427; Sept. 25.
Toy cannon. E. Meiberg. 141,689; June 26.
Toy castle. W. W. Tackett. 141,560; June 12.
Toy chair. J. Brunetti. 140,583; Mar. 13.
Toy, Child's. J. Bunnell. 141,856; July 10.
Toy church. W. W. Tackett. 141,567; June 12.
Toy, Climbing. E. L. Scott. 142,445; Sept. 25.
Toy cradle. H. D. Allen. 141,436; June 5.
Toy crib. R. H. Penndorf. 142,348; Aug. 28.
Toy depot. W. W. Tackett. 141,561; June 12.
Toy dog. N. T. Albright. 140,153; Jan. 30.
Toy dog. J. A. Cramer. 141,752; July 3.
Toy dog. B. M. Lochridge. 142,033; Aug. 14.
Toy dog, Stuffed. M. J. Denniston. 141,247; May 15.
Toy dredge. E. Nudelman. 141,925; July 31.
Toy duck, Ambulatory. C. H. Markwood. 142,524; Oct. 9.
Toy elephant puzzle. A. R. Ridley. 141,036; May 1.
Toy farm implement. H. Hieb. 142,359–60; Sept. 11.
Toy figure. L. C. Boll. 141,795; July 3.
Toy, Figure. A. F. Filer. 143,294; Dec. 25.
Toy, Figure. C. G. Jansky. 141,525; June 12.
Toy figure. E. B. Lumbard. 143,332; Dec. 25.
Toy figure. I. Wolfberg. 142,605; Oct. 16.
Toy figure, Climbing. L. H. Burlin. 143,127; Dec. 11.
Toy fire engine. C. J. Wood. 141,772; July 3.
Toy, Floating. D. Davidson. 141,677; June 26.
Toy for children, Educational. H. Shrier. 142,911; Nov. 13.
Toy for teaching arithmetic, Educational. D. Wurster. 142,053; Aug. 14.
Toy fortress. R. M. Anthony. 142,250; Aug. 21.
Toy gun. S. B. Dahlquist. 142,618; Oct. 23.
Toy gun. L. J. Frankel. 142,551; Oct. 16.
Toy gun. D. G. McAfee. 141,373; May 29.
Toy gun. I. G. Rubin. 140,087; Jan. 23.
Toy, Hand. E. W. Coble. 143,059; Dec. 4.
Toy, Helicopter. M. J. Freemark. 142,636; Oct. 23.
Toy horse. A. H. Gilliam. 141,523; June 12.
Toy locomotive. L. R. Laskey. 141,094; May 8.
Toy machine gun. M. B. Pattison. 140,432; Feb. 27.
Toy, Marble runway. G. B. Hatcher. 143,315; Dec. 25.
Toy musical merry-go-round. M. Kellerman. 143,076; Dec. 4.
Toy or similar article. C. Weltman. 140,884; Apr. 17.
Toy or similar article. G. Winston and A. B. Sawyer. 142,803; Nov. 6.
Toy or similar article, Ball operated. O. F. Larsen, Jr. 141,447; June 5.
Toy or similar article, Rocking. A. Horowitz. 142,257; Aug. 21.
Toy or the like, Child's. C. E. Russell. 140,088; Jan. 23.
Toy or the like, Wheeled. M. Rapaport. 141,699; June 26.
Toy phonograph. C. H. Hyman. 142,344; Aug. 28.
Toy pistol. W. E. and W. L. Williams. 141,452; June 5.
Toy, Pull. C. I. Huth. 142,154; Aug. 14.
Toy, Pull. R. Paul. 140,882; Apr. 17.
Toy, Pull. L. Wolf. 141,453–4; June 5.
Toy rattle. E. C. Lewis. 140,878; Apr. 17.
Toy rattler. G. W. Delano. 141,809–12; July 10.
Toy, Ring-boat. D. Davidson. 142,021; Aug. 14.
Toy, Ring-loop. D. Davidson. 142,020; Aug. 14.
Toy roller. W. Smith. 141,745; July 3.
Toy ship. J. T. Cox. 141,632; June 19.
Toy shoe house. E. J. Novak. 142,528; Oct. 9.
Toy sink. J. Brunetti. 141,320; May 22.
Toy stable. W. W. Tackett. 141,591; June 12.
Toy storage chest. H. P. Glass. 140,590; Mar. 13.
Toy stove. J. Brunetti. 141,570; June 12.
Toy submarine. W. A. Sieness. 141,229; May 15.
Toy tank puzzle. A. R. Ridley. 141,035; May 1.
Toy telegraph key. H. U. Dernahl. 142,514; Oct. 9.
Toy theater. L. Wise. 140,922; Apr. 17.
Toy train. L. L. Covey. 141,808; July 10.
Toy truck. G. Lerner and S. Gilbert. 141,964; Aug. 7.
Toy turreted building. W. W. Tackett. 141,559; June 12.
Toy vacuum cleaner. E. F. and A. M. Marshall. 141,450; June 5.
Toy vehicle. W. N. Wheeler. 140,186; Jan. 30.
Toy wagon. S. Gilbert and G. Lerner. 141,737; July 3.
Toy wagon. E. F. Silkman. 142,912; Nov. 13.
Toy wheelbarrow. H. D. Allen. 140,621; Mar. 20.
Toy wheelbarrow. H. D. Allen. 142,762–5; Nov. 6.
Toy, Wheeled. E. E. Atkinson. 142,208; Aug. 21.
Toy, Wheeled. R. C. Flynt. 142,396; Sept. 25.
Toy, Wheeled. R. S. Flynt. 141,298; May 22.
Toy, Wheeled. W. T. Guild. 142,071; Aug. 14.
Toy, Wheeled. L. R. Laskey. 142,302–3; Aug. 28.
Toy, Wheeled. E. W. Muntz. 140,614; Mar. 20.
Toy, Wheeled. R. E. Stowell. 142,351; Aug. 28.
Toy, Wheeled. H. S. Tucker. 140,089; Jan. 23.
Toy, Wheeled. G. M. Wallner. 142,050; Aug. 14.
Toy whistle. I. Rosenbloom. 141,312; May 22.
Toy whistling windmill. S. Kalisz. 142,563; Oct. 16.
Toy, Wooden pull. E. F. Silkman. 142,913; Nov. 13.
Tractor. T. Brown and H. Dreyfuss. 142,251; Aug. 21.
Tractor. E. S. Cooke. 142,365; Sept. 11.
Trainer or similar article, Child's. P. Skolnik. 140,217; Jan. 30.
Tray. A. V. Curry. 142,989; Nov. 27.
Tray. A. Kerby. 142,872; Nov. 13.
Tray. C. G. Preis. 141,503; June 5.
Tray and cigarette server, or the like, Combined ash. N. E. Kantor. 143,325; Dec. 25.
Tray, Ash. B. Blecher. 140,923; Apr. 17.
Tray, Ash. J. B. Canepa. 143,269; Dec. 25.
Tray, Ash. S. L. Gerson. 143,300; Dec. 25.
Tray, Ash. W. Helwig. 141,179; May 8.
Tray, Ash. S. D. Klyce. 142,425; Sept. 25.
Tray, Baby's. J. P. Bourdius. 142,366; Sept. 11.
Tray, Combined bread and butter. C. R. Snoke. 142,231–2; Aug. 21.
Tray, Communion cup. A. P. Lindblad. 140,393; Feb. 20.
Tray, Extinguisher ash. P. J. Swofford. 142,130; Aug. 14.
Tray for cosmetics. M. Walhimer. 141,971; Aug. 7.
Tray for frankfurter and roll or similar article. J. Policastro. 140,241; Feb. 6.
Tray or article of similar nature. N. Moss. 142,902; Nov. 13.
Tray or similar article, Ash. B. L. Jackson. 141,992; Aug. 7.
Tray or similar article, Ash. W. C. Panzer. 143,091; Dec. 4.
Tray or similar article, Wheeled. I. Rubin and J. B. Meltz. 140,740; Apr. 3.
Tray or the like, Ash. H. R. Levinger. 141,182; May 8.
Tray, Partitioned. H. W. Raymond. 142,668; Oct. 23.
Tray, receptacle, and game device, Combined serving. E. B. Taylor. 142,798; Nov. 6.
Tray, Table top. E. A. Storch. 143,364; Dec. 25.
Tread plate. H. L. Harper. 140,623–4; Mar. 20.
Tree, Mending. F. C. Salagic. 140,316; Feb. 13.
Tree, Shoe. S. W. Robitsek. 142,038; Aug. 14.
Trick device, Magician's. K. S. Franke. 140,417; Feb. 27.
Tricycle. Le R. W. Sly. 141,927; July 31.
Trim or similar article, Wheel. G. A. Lyon. 141,286–7; May 22.
Trim or similar article, Wheel. G. A. Lyon. 141,289; May 22.
Trimming or similar article, Embroidered. H. Tobler. 140,027–34; Jan. 16.
Trimming or similar article, Embroidered. H. Tobler. 140,259–61; Feb. 6.
Trimming or the like, Embroidered. J. Goldfrank. 142,068; Aug. 14.
Trimming or the like, Embroidered. J. Wiener. 140,957; Apr. 24.
Tripod head. C. J. Cardona. 140,744; Apr. 3.
Trousers. T. Kotzin. 140,465; Feb. 27.
Truck. J. J. Powers. 141,085–6; May 1.
Truck. J. J. Powers. 141,291; May 22.
Truck, Book. F. Rider. 142,497; Oct. 2.
Truck, Hand. F. J. Bilek. 141,673; June 26.
Truck, Industrial. G. V. Johnson. 142,641; Oct. 23.
Truck, Store service. A. Bartel. 140,635; Mar. 20.
Truck, Store service. A. J. Smith. 142,306; Aug. 28.
Tub, Bath. J. Stanitz. 141,621; June 19.
Tub or the like, Bath. F. P. Uphues. 139,899–900; Jan. 2.
Tub or the like, Corner bath. F. P. Uphues. 139,901; Jan. 2.
Tumbler. A. J. F. Erbe. 140,658; Mar. 27.
Tumbler. S. L. Gerson. 143,206; Dec. 18.
Uniform. A. M. Berger. 142,331; Aug. 28.
Uniform, Coverall. E. Beaver. 141,263; May 15.
Unit for cooking stoves, Accessory. H. M. Reeves and J. W. Hauser. 140,718; Apr. 3.
Urn. O. Mankki. 143,231; Dec. 18.
Valve. E. J. Collins. 142,703; Oct. 30.
Valve. J. S. Downs. 141,603; June 19.
Valve actuator, Electric motor driven. J. M. Wehner. 140,493; Feb. 27.
Valve housing for water softeners. E. P. Jordan. 140,770; Apr. 10.

Valve mounting and indicator, Combined hand control. H. R. Fitz Gerald and G. E. Kricker. 143,143; Dec. 11.
Valve seat and overflow connection, Combined. W. H. Patten. 140,966; Apr. 24.
Vane, Weather. J. F. Royals. 142,968; Nov. 20.
Vanity and table, Combination. A. Taylor. 140,920; Apr. 17.
Vanity case. J. Teague, Jr. 140,619; Mar. 20.
Vanity or similar article. E. B. Miller. 141,377; May 29.
Vaporiser. C. B. Stevens. 141,558; June 12.
Vaporizer, Air conditioning. H. Goodman. 142,363; Sept. 11.
Vase. E. O. Moncer. 140,823; Apr. 10.
Vase for holding short or long stem flowers or similar article, Twin top flower. E. Reynolds. 139,871; Jan. 2.
Vase or similar article. V. P. Petersen. 143,162; Dec. 11.
Vase, Wall. N. Mader. 143,150; Dec. 11.
Vase, Wall. J. C. Meeks. 139,886; Jan. 2.
Vase, Wall. E. O. Moncer. 140,670; Mar. 27.
Vault, Burial. R. E. Butler. 142,060; Aug. 14.
Vehicle, Armored automotive. C. M. Smart. 140,356; Feb. 13.
Vehicle body. G. W. Walker. 143,256; Dec. 18.
Vehicle, Child's. J. Remesch, H. Eyring, and P. Moyer. 140,719; Apr. 3.
Vehicle headlights, Luminous attachment for. N. M. Gaze. 140,171; Jan. 30.
Vehicle, Juvenile. W. I. Smith. 140,434–5; Feb. 27.
Vehicle, Motor. J. C. Parkin and S. A. Bucholtz. 142,738; Oct. 30.
Vehicle, Transport. H. C. French. 141,736; July 3.
Velocipede frame member. W. I. Smith. 142,591; Oct. 16.
Vending machine. B. W. Fry. 141,438; June 5.
Vending stand, Popcorn. R. A. Johnson. 141,711; June 26.
Ventilator. O. Mankki and F. J. Schulthels. 141,215; May 15.
Vessel or article of similar nature, Cooking. A. F. Ramstad. 142,244; Aug. 21.
Vessel or the like, Cooking. N. Shaeffer. 142,041; Aug. 14.
Vestee and hood, Combined. H. Kaufman. 142,326; Aug. 28.
Viewer. A. A. Bechtell. 142,543; Oct. 16.
Viewer, Film. W. O. and G. B. Schwartz. 140,123; Jan. 23.
Violin. E. Garding. 140,294; Feb. 6.
Vise, Portable. G. T. Cumming. 142,546; Oct. 16.
Vise, Sewing machine. M. Ingwer. 140,932; Apr. 17.
Visor, Sun. B. Goldberg. 142,237; Aug. 21.
Walker and stroller, Combination baby. F. P. Fletcher. 142,343; Aug. 28.
Walker and stroller, Combination baby. F. S. Nanna 141,216; May 15.
Walker, Baby. J. P. Fegely. 142,848; Nov. 13.
Walker, Baby. F. P. Fletcher. 142,299; Aug. 28.
Walker or the like, Doll. H. Rapaport. 141,698; June 26.
Wall material or the like, Decorative. W. Burton. 141,541; June 12.
Wall material unit or the like, Decorative. W. Burton. 141,532–40; June 12.
Wall material unit or the like, Decorative. W. Burton. 141,542–4; June 12.
Wall material unit or the like, Decorative. W. Burton. 141,865–9; July 10.
Wallpaper. F. Urschel. 142,919; Nov. 13.
Wallet. P. Rossi. 142,125; Aug. 14.
Warmer, Baby food. M. Hirsch. 142,283; Aug. 21.
Warmer or similar article, Food. F. F. Gunther. 139,867; Jan. 2.
Washer for meat products or the like. F. J. Bilek. 141,915; July 31.
Washing machine. D. Chapman. 143,270; Dec. 25.
Washing machine. A. H. Gerhardt and A. P. Schuls. 142,998; Nov. 27.
Washing machine. G. W. Walker. 142,924–5; Nov. 13.
Washing machine, Home laundry. J. Barofsky. 141,672; June 26.
Watch and bracelet, Combined. A. R. Livingston. 142,879; Nov. 13.
Watch-box. A. A. Anthony. 141,234; May 15.
Watch case. G. Moses. 140,278; Feb. 6.
Watch crystal inserting machine. J. Simon. 142,590; Oct. 16.
Watch, Fob pin. H. Strauss. 141,038; May 1.
Watch, Wrist. I. Bloch. 142,371; Sept. 25.
Water correction device, Electrolytic. E. M. Butler. 141,938; July 31.
Water purifier, Electrolytic. T. C. Jones. 141,765; July 3.
Welder, Electric arc. U. S. Dunn. 142,377; Sept. 25.
Welder, Resistance. U. S. Dunn. 142,066; Aug. 14.
Welding machine, Stud. T. Nelson. 143,090; Dec. 4.
Welding symbol template, Draftsman's. R. J. Burleigh. 142,946; Nov. 20.
Welt, Shoe. W. C. Wright. 141,974; Aug. 7.
Welting. W. E. Phinney. 142,739–40; Oct. 30.
Wheel, Airplane tail. T. F. Young. 142,976; Nov. 20.
Wheel trim or similar article. C. B. Aske, Jr. 140,200–2; Jan. 30.
Wheel trim or similar article. G. A. Lyon. 140,205; Jan. 30.
Wheel trim or similar article. G. A. Lyon. 141,494–7; June 5.
Wheel trim or similar article. G. A. Lyon. 141,508–9; June 5.
Wheel trim or similar article. G. A. Lyon. 142,240; Aug. 21.
Wheel trim ring and hub cap or similar article, Combined. G. A. Lyon. 141,901; July 31.
Wheel with bracket mounting. T. F. Young. 142,975; Nov. 20.
Wheeled toy. E. M. Belknap. 141,019; Apr. 24.
Wheeled toy. W. R. Cafarelli. 141,031; May 1.
Wheeled toy. E. W. Coble. 141,089–91; May 8.
Wheeled toy. E. W. Coble. 141,104–5; May 8.
Wheeled toy. W. P. Harvey. 141,439; June 5.
Wheeled toy. R. W. Jones. 141,174; May 8.
Wheeled toy. F. T. Mathews. 141,176; May 8.
Wheeled toy. E. W. Muntz. 141,013; Apr. 24.
Wheeled toy. R. W. Wood. 141,098; May 8.
Wheeled toy. R. W. Wood. 141,153–4; May 8.
Whirler, Plate. J. T. Campbell. 143,129; Dec. 11.
Whistle. J. Thompson. 140,756; Apr. 3.
Whistle. P. von Frantzius. 141,400; May 29.
Winch. H. Knutson. 141,471; June 5.
Worktable. H. B. Maynard and C. W. Punton. 140,122; Jan. 23.
Wrench. A. C. Brintnall. 141,357; May 29.
Wrench. E. Fleming. 141,545; June 12.
Wrench. D. L. Sperry. 139,956; Jan. 9.
Wrench, Duplex socket. M. L. Young. 142,054; Aug. 14.
Wrench or the like, Pipe. A. A. Armenta. 140,627; Mar. 20.
Writing tip section of a fountain pen. J. Tully. 142,751; Oct. 30.
Xylophone. R. V. Friedman. 141,682–3; June 26.
Yarder, Portable. A. Zwald. 141,135; May 8.
Yo-yo, top, and whistle, Combined. H. E. Hifmont. 142,317; Aug. 28.

LIST OF DISCLAIMERS ARRANGED BY INVENTIONS

Abrasive belt grinder. James G. Bair and Joseph T. Shull. No. 2,333,507; date of patent Nov. 2, 1943; disclaimer filed July 31, 1945; v. 578; p. 1.

Aldehydes, and the products, Process of manufacturing. Angelo Knorr. No. 1,899,340; date of patent Feb. 28, 1933; disclaimer filed May 5, 1945; v. 575; p. 208.

Apparatus for refining oil. Avery S. Harlan, Victor S. Crane, and Paul R. Honan. No. 2,153,062; date of patent Apr. 4, 1939; disclaimer filed Mar. 14, 1945; v. 573; p. 361.

Apparatus for winding coil condensers. Harold I. Dansiger. No. 1,940,847; date of patent Dec. 26, 1933; disclaimer filed May 8, 1945; v. 575; p. 1.

Automatic bowling alley mechanism. John E. Flanagan. No. 2,319,925; date of patent May 25, 1943; disclaimer filed May 1, 1945; v. 575; p. 208.

Background noise suppressor. George F. Devine. No. 2,369,952; date of patent Feb. 20, 1945; disclaimer filed Sept. 20, 1945; v. 579; p. 699.

Brake cooling for centrifugals and the like. Eugene Roberts. No. 2,096,341; date of patent Oct. 19, 1937; disclaimer filed June 30, 1945; v. 576; p. 391.

Carbon strip. Charles L. Winter. No. 2,265,466; date of patent Dec. 9, 1931; disclaimer filed Apr. 9, 1945; v. 574; p. 185.

Catalytic conversion of hydrocarbon, Method of. Du Bois Eastman and Charles Richker. No. 2,348,794; date of patent May 16, 1944; disclaimer filed Jan. 3, 1945; v. 570; p. 663.

Centimeter wave device. Ernest G. Linder. No. 2,276,320; date of patent Mar. 17, 1942; disclaimer filed Jan. 30, 1945; v. 572; p. 185.

Centrifugal apparatus. Eugene Roberts. (Two cases.) No. 2,145,633; date of patent Jan. 31, 1939; disclaimers filed June 30, and July 3, 1945; v. 577; p. 1.

Check valve sealing means. Jesse D. Langdon. No. 2,336,486; date of patent Dec. 14, 1943; disclaimer filed Feb. 14, 1945; v. 572; p. 185.

Chewing gum. Waldorf S. Traylor. No. 2,273,425; date of patent Feb. 17, 1942; disclaimer filed Apr. 11, 1945; v. 574; p. 185.

Circuit interrupter. John B. MacNeill. No. 2,281,042; date of patent Apr. 28, 1942; disclaimer filed Mar. 3, 1945; v. 573; p. 1.

Circuit interrupter. Gordon S. Parker. No. 2,301,746; date of patent Nov. 10, 1942; disclaimer filed Feb. 12, 1945; v. 572; p. 185.

Circuit interrupting device. Leon R. Ludwig. James H. Frakes, and Stanley T. Schofield, deceased, by Martha M. Schofield. No. 2,272,717; date of patent Feb. 10, 1942; disclaimer filed Feb. 12, 1945; v. 572; p. 185.

Clamp. Benjamin A. Tetzlaff. No. 2,278,837; date of patent Mar. 31, 1942; disclaimer filed Dec. 14, 1944; v. 570; p. 345.

Concrete mixometers. Lewis A. Perry. No. 1,898,890; date of patent Feb. 21, 1933; disclaimer filed Apr. 4, 1945; v. 574; p. 185.

Condenser and method of making the same, Electrolytic. Charles Marvin Blackburn. No. 2,297,607; date of patent Sept. 29, 1942; disclaimer filed Dec. 7, 1944; v. 570; p. 345.

Control structure, Liquid. Elias Orshansky, Jr., and Conrad Gerhard Moller, 3rd. No. 2,225,082; date of patent Dec. 17, 1940; disclaimer filed Feb. 3, 1945; v. 572; p. 1.

Control system. Waldo P. Simpson and Clyde E. Stewart. No. 2,325,432; date of patent July 27, 1943; disclaimer filed Nov. 14, 1945; v. 581; p. 515.

Crystal apparatus, Piezo-electric. Stuart C. Hight. No. 2,343,069; date of patent Feb. 29, 1944; disclaimer Jan. 30, 1945; v. 572; p. 1.

Differential protective relaying. Edwin L. Harder. No. 2,240,690; date of patent May 6, 1941; disclaimer filed Aug. 1, 1945; v. 578; p. 1.

Door latch. Sigurd Brantingson. No. 2,300,905; date of patent Nov. 3, 1942; disclaimer filed Mar. 24, 1945; v. 574; p. 1.

Dynamoelectric machine. Ernst F. W. Alexanderson and Martin A. Edwards. No. 2,227,992; date of patent Jan. 7, 1941; disclaimer filed June 22, 1945; v. 576; p. 374.

Electric circuit breaker and method of operating the same. Didier Journeaux. No. 2,364,951; date of patent Dec. 12, 1944; disclaimer filed June 8, 1945; v. 576; p. 165.

Electric control circuit. Albert H. Mittag. (Two cases.) No. 2,362,294; date of patent Nov. 7, 1944; disclaimer filed July 27 and Oct. 9, 1945; v. 578; p. 1, and v. 580; p. 153.

Electric discharge apparatus. Dewey D. Knowles. No. 2,310,092; date of patent Feb. 2, 1943; disclaimer filed Mar. 15, 1945; v. 573; p. 361.

Electrical measurements, Method and apparatus for effecting. Henry Lehde. No. 2,347,200; date of patent Apr. 25, 1944; disclaimer filed Feb. 28, 1945; v. 573; p. 1.

Fabric, hat, and method of making the same. George M. Rickus. No. 2,322,255; date of patent June 22, 1943; disclaimer filed Sept. 11, 1945; v. 579; p. 152.

Fabrication of laminated metal objects. Arthur E. Schuh. No. 2,280,981; date of patent Apr. 28, 1942; disclaimer filed Oct. 30, 1945; v. 581; p. 165.

Facsimile telegraph system and apparatus. Garvice H. Ridings and Raleigh J. Wise. No. 2,386,263; date of patent Oct. 9, 1945; disclaimer filed Oct. 31, 1945; v. 581; p. 165.

Fluid conductor. Horace S. Smith and Nolan E. Dickason. No. 2,307,427; date of patent Jan. 5, 1943; disclaimer filed Feb. 16, 1945; v. 572; p. 539.

Fluid pump. Aladar Hollander. No. 1,997,824; date of patent Apr. 16, 1935; disclaimer filed Feb. 5, 1945; v. 572; p. 1.

Food products, Process and apparatus for freezing. Clarence Birdseye. No. 2,263,452; date of patent Nov. 18, 1941; disclaimer filed Jan. 12, 1945; v. 571; p. 175.

Fuel pressure switch. Howard A. Satterlee. No. 2,327,069; date of patent Aug. 17, 1943; disclaimer filed Sept. 26, 1945; v. 579; p. 699.

Fuse switch. Francis J. McCluskey and George W. Goldner. No. 2,246,807; date of patent June 24, 1941; disclaimer filed May 25, 1945; v. 576; p. 10.

Gaseous conduction lamp. Focsaneanu Alexander. No. 2,203,482; date of patent June 4, 1940; disclaimer filed Aug. 21, 1945; v. 575; p. 152.

Golf club. Norman P. Vickery. (Two cases.) Nos. 2,250,429 and 2,250,441; date of patent July 22, 1941; disclaimers filed May 18, 1945; v. 576; p. 10.

Governor. Herman G. Adler. No. 2,212,890; date of patent Aug. 27, 1940; disclaimer filed June 20, 1945; v. 576; p. 374.

Heating device, Induction. Edward S. Goodridge. Re. 22,322; date of patent May 25, 1943; disclaimer filed June 7, 1945; v. 576; p. 165.

Hinge differential for rotative wing aircraft. Russell R. Hays. No. 2,086,802; date of patent July 13, 1937; disclaimer filed Dec. 18, 1944; v. 570; p. 663.

Hydrocarbon conversion. Louis J. Kelly. No. 2,302,328; date of patent Nov. 17, 1942; disclaimer filed Apr. 19, 1945; v. 574; p. 783.

Hydrocarbons, Treatment of. Joseph E. Westenberg. No. 2,338,272; date of patent Jan. 4, 1944; disclaimer filed Apr. 5, 1945; v. 574; p. 1.

Index device. Edmund W. A. Peter. No. 2,115,537; date of patent Apr. 26, 1938; disclaimer filed Oct. 17, 1945; v. 580; p. 501.

Iron blue, Alkali-resistant. Irving Shack. No. 2,342,429; date of patent Feb. 22, 1944; disclaimer filed May 26, 1945; v. 576; p. 10.

Journal box. Donald S. Barrows. No. 2,186,935; date of patent Jan. 16, 1940; disclaimer filed Oct. 25, 1945; v. 580; p. 501.

Machine, Fastening-inserting. John L. Lancaster. No. 2,293,834; date of patent Aug. 25, 1942; disclaimer filed Jan. 27, 1945; v. 571; p. 513.

Magnetic inspection apparatus. Raymond L. Fitch. No. 2,277,431; date of patent Mar. 24, 1942; disclaimer filed Oct. 1, 1945; v. 580; p. 153.

Measuring apparatus. Oscar Stewart Michael. No. 2,277,365; date of patent Mar. 24, 1942; disclaimer filed Nov. 29, 1945; v. 581; p. 515.

Metal working press. Fredrich J. Rode. No. 1,834,111; date of patent Dec. 1, 1931; disclaimer filed July 27, 1945; v. 578; p. 1.

N-polyhydroxyalkyl-phenylamines and method for their preparation. Friedrick Weygand. No. 2,354,846; date of patent Aug. 1, 1944; disclaimer filed May 5, 1945; v. 575; p. 208.

Photographic color images, Process for the production of. Alfred Fröhlich. No. 2,320,422; date of patent June 1, 1943; disclaimer filed Jan. 31, 1945; v. 572; p. 1.

Piston member and method of manufacturing it. Eloy D. Ekkebus. No. 2,309,446; date of patent Jan. 26, 1943; disclaimer filed Jan. 27, 1945; v. 571; p. 352.

Polymerization plants, Method of operating. Harold J. Baker, Jr., and William Mendius. No. 2,242,771; date of patent May 20, 1941; disclaimer filed June 22, 1945; v. 576; p. 374.

Pore surfaced foam rubber and method. John F. Schott. No. 2,327,001; date of patent Aug. 17, 1943; disclaimer filed Dec. 7, 1944; v. 570; p. 1.

Press for drawing sheet metal and the like. Fredrich J. Rode. No. 1,773,438; date of patent Aug. 19, 1930; disclaimer filed Feb. 21, 1945; v. 572; p. 539.

Pressure carburetor. Carl F. Schorn. No. 2,324,599; date of patent July 20, 1943; disclaimer filed Sept. 7, 1945; v. 579; p. 152.

Propeller or rotor construction. Richard H. Prewitt. No. 2,234,196; date of patent Mar. 11, 1941; disclaimer filed May 22, 1945; v. 576; p. 165.

Radio apparatus. Cletus J. Collom. No. 2,276,933; date of patent Mar. 17, 1942; disclaimer filed Dec. 11, 1944; v. 570; p. 345.

Refrigeration control structure. Burton E. Shaw. No. 2,308,313; date of patent Jan. 12, 1943; disclaimer filed May 14, 1945; v. 575; p. 561.

Resinous felted fibrous composition. Herman W. Richter and Harold R. Gillette. No. 2,264,189; date of patent Nov. 25, 1941; disclaimer filed June 23, 1945; v. 576; p. 374.

Rotor brake. Carl E. Tack. No. 2,355,120; date of patent Aug. 8, 1944; disclaimer filed Oct. 17, 1945; v. 580; p. 153.

Rubber article and method of producing same, Composite. Abraham N. Spánel. No. 2,324,735; date of patent July 20, 1943; disclaimer filed Feb. 10, 1945; v. 572; p. 185.

Sewage, System for treating. Samuel L. Tolman. No. 2,349,390; date of patent May 23, 1944; disclaimer filed July 2, 1945; v. 576; p. 374.

Sheet metal drawing press. Fredrich J. Rode. No. 1,918,784; date of patent July 18, 1933; disclaimer filed Feb. 21, 1945; v. 572; p. 539.

Short wave system, Ultra. Charles H. Brown. No. 2,280,026; date of patent Apr. 14, 1942; disclaimer filed Dec. 2, 1944; v. 570; p. 1.

Signalling system and apparatus. Rolla F. Blanchard, William B. Blanton, and Harri L. Browne. No. 2,193,811; date of patent Mar. 19, 1940; disclaimer filed May 22, 1945; v. 576; p. 9.

Sound records, Modification of. Roy J. Pomeroy. No. 1,923,746; date of patent Aug. 22, 1933; disclaimer filed Dec. 12, 1944; v. 570; p. 185.

Staple. Herman A. Moe. No. 2,277,931; date of patent Mar. 31, 1942; disclaimer filed Dec. 7, 1944; v. 570; p. 345.

Synchronizing mechanism. Keith R. Manville. No. 2,259,527; date of patent Oct. 21, 1941; disclaimer filed Aug. 24, 1945; v. 578; p. 281.

Telegraph exchange system. William B. Blanton. No. 2,193,812; date of patent Mar. 19, 1940; disclaimer filed May 22, 1945; v. 576; p. 9.

Telegraph exchange system. Evan R. Wheeler, Ray Hoover, and Robert F. Dirkes. No. 2,193,810; date of patent Mar. 19, 1940; disclaimer filed May 22, 1945; v. 576; p. 9.

Telephone system. John H. Voss. Re. No. 22,413; date of patent Dec. 21, 1943; disclaimer filed June 22, 1945; v. 576; p. 374.

Thermostatic device. Walter C. Lindemann and Edwin A. Rutenber. No. 1,818,563; date of patent Aug. 11, 1931; disclaimer filed July 2, 1945; v. 577; p. 1.

Toy. Sheldon H. Gainsley. No. 2,352,676; date of patent July 4, 1944; disclaimer filed June 4, 1945; v. 576; p. 10.

Ultra short wave system. Charles H. Brown. No. 2,280,026; date of patent Apr. 14, 1942; disclaimer filed Sept. 6, 1945; v. 579; p. 152.

Velocity modulated electrical discharge tube. Charles V. Litton. No. 2,309,966; date of patent Feb. 2, 1943; disclaimer filed May 8, 1945; v. 575; p. 208.
Velocity modulated tube. Charles V. Litton. No. 2,304,186; date of patent Dec. 8, 1942; disclaimer filed May 8, 1945; v. 575; p. 208.
Visual indicator. William Russell Clark. No. 2,318,197; date of patent May 4, 1943; disclaimer filed Sept. 4, 1945; v. 579; p. 1.
Wallpaper border or similar article. William Burton. (Eleven cases.) Des. Nos. 136,427, 136,428, 136,431, 136,432, 136,482, 136,485, 136,542, 136,545, 136,546, 136,573 and 138,257; date of patents Oct. 5, 12 and 26, 1943, and July 11, 1944; disclaimers filed Sept. 8, 1945; v. 579; p. 151 and 152; and Oct. 11, 1945; v. 580; p. 153.
Water softening apparatus. Andrew J. Detterweich. No. 1,954,405; date of patent Apr. 10, 1934; disclaimer filed Sept. 21, 1945; v. 579; p. 519.
Water softening system. Thomas B. Clark. No. 1,903,957; date of patent Apr. 18, 1933; disclaimer filed Sept. 21, 1945; v. 579; p. 519.
Well perforating gun. Arthur L. Smith. No. 2,292,670; date of patent Aug. 11, 1942; disclaimer filed Apr. 17, 1945; v. 574; p. 783.
Wells, Treatment of deep. John J. Grebe and Ross T. Sanford. No. 1,877,504; date of patent Sept. 13, 1932; disclaimer filed Apr. 2, 1945; v. 574; p. 1.
Wire, Covered. John J. Keyes. No. 2,234,540; date of patent Mar. 11, 1941; disclaimer filed Jan. 20, 1945; v. 571; p. 352.
Wrapper for articles of merchandise. John M. Driver. No. 2,019,401; date of patent Oct. 29, 1935; disclaimer filed Mar. 30, 1945; v. 574; p. 1.
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X-ray tube, Supervoltage. Benedict Cassen. No. 2,342,789; date of patent Feb. 29, 1944; disclaimer filed Feb. 16, 1945; v. 572; p. 539.
Yarn, Manufacture of. Malcolm B. Stone and William P. Williamson. No. 1,893,809; date of patent Jan. 10, 1933; disclaimer filed Dec. 27, 1944; v. 570; p. 515.

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Reeves, William H.
Swim, Herbert C.

Boerner, Eugene S., assignor to Jackson & Perkins Company, Newark, N. J. Rose plant. 672; Apr. 2.

Boerner, Eugene S., assignor to Jackson & Perkins Company, Newark, N. J. Rose plant. 673; Apr. 2.

Bohannon, Helen R., Berkeley, assignor to Paul J. Howard Company and Paul J. Howard's California Flowerland, Los Angeles, Calif. Geranium plant. 683; Apr. 30.

Bohannon, Helen R., Berkeley, assignor to Paul J. Howard Company and Paul J. Howard's California Flowerland, Los Angeles, Calif. Geranium plant. 684; Apr. 30.

Bohannon, Helen R., Berkeley, assignor to Paul J. Howard Company and Paul J. Howard's California Flowerland, Los Angeles, Calif. Geranium plant. 685; Apr. 30.

Bohannon, Helen R., Berkeley, assignor to Paul J. Howard Company and Paul J. Howard's California Flowerland, Los Angeles, Calif. Geranium plant. 686; Apr. 30.

Bristol Nurseries, Inc., assignee: *See—*
Cumming, Alexander.

Brown, Percy, Jr., assignor to Percy Brown Nursery, Gibraltar, Pa. Barberry plant. 690; May 21.

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Brownell, Josephine D., Little Compton, R. I. Rose plant 696; June 11.

Byrum, Roy L., assignor to Joseph H. Hill Company, Richmond, Ind. Rose plant. 694; June 11.

Byrum, Roy L., assignor to Joseph H. Hill Company, Richmond, Ind. Rose plant. 715; Nov. 12.

Chenoweth, Arthur R., San Diego County, Calif. Avocado tree. 667; Jan. 15.

Cumming, Alexander, assignor to Bristol Nurseries, Inc., Bristol, Conn. Chrysanthemum plant. 689; May 14.

Cumming, Alexander, assignor to Bristol Nurseries, Inc., Bristol, Conn. Chrysanthemum plant. 718; Dec. 10.

De Groot, Constant, Sheridan, Ontario, Canada, assignor to Jackson & Perkins Company, Newark, N. Y. Barberry plant. 703; July 2.

Domoto, Toichi, Hayward, Calif. Flowering quince plant. 700; June 25.

Domoto, Toichi, Hayward, Calif. Flowering quince plant. 701; June 25.

Dunn, C. J., assignee: *See—*
Prushek, Emil.

Etter, Albert F., Ettersburg, assignor to G. C. Roeding, Jr., Niles, Calif. Apple tree. 699; June 18.

Etter, Albert F., Ettersburg, assignor to G. C. Roeding, Jr., Niles, Calif. Apple tree. 710; Sept. 17.

Futterman, Charles, Albertson, N. Y. Hybrid tea rose plant. 668; Jan. 15.

Germain Seed and Plant Company, assignee: *See—*
Morris, Theodore J.

Hill, E. G., Company, The, assignee: *See—*
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Hill, Joseph H., Company, assignee: *See—*
Byrum, Roy L.

Howard, Frederick H., assignor to Howard & Smith, Montebello, Calif. Rose plant. 702; July 2.

Howard, Frederick H., assignor to Howard & Smith, Montebello, Calif. Plum tree. 721; Dec. 31.

Howard, Paul J., Company, assignee, et al.: *See—*
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Johnston, Walter I.
Rourke, Frank.

Jelly, Robert G., assignor to The E. G. Hill Company, Richmond, Ind. Rose plant. 695; June 11.

Johnston, Walter I., Portadown, Ireland, assignor to Jackson & Perkins Company, Newark, N. Y. Rose plant. 680; Apr. 16.

Kellogg, R. M., Company, The, assignee: *See—*
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Kluis, Anthony: *See—*
Kluis, Johan H. and A.

Kluis, Johan H. and A., Boskoop, Netherlands; vested in the Alien Property Custodian. Rose plant. 707; July 9.

Krider Nurseries, Inc., assignee: *See—*
Watkins, Archibald F.

Lammerts, Walter E., West Los Angeles, assignor to Armstrong Nurseries, Inc., San Bernardino, Calif. Rose plant. 676; Apr. 9.

Lammerts, Walter E., West Los Angeles, assignor to Armstrong Nurseries, Inc., Ontario, Calif. Rose plant. 677; Apr. 9.

Lammerts, Walter E., West Los Angeles, assignor to Armstrong Nurseries, Inc., Ontario, Calif. Rose plant. 678; Apr. 9.

Lammerts, Walter E., West Los Angeles, assignor to Armstrong Nurseries, Inc., Ontario, Calif. Rose plant. 704; July 2.

Lammerts, Walter E., La Canada, assignor to Armstrong Nurseries, Inc., Ontario, Calif. Rose plant. 716; Dec. 10.

Leach, Benjamin R., Cinnaminson, N. J. Azalea plant. 675; Apr. 9.

Leach, Benjamin R., Cinnaminson, N. J. Azalea plant. 681; Apr. 16.

Morris, Theodore J., Van Nuys, assignor to Germain Seed and Plant Company, Los Angeles, Calif. Rose plant. 697; June 18.

Nicholson, John W., Ash Grove, assignor to Stark Bro's Nurseries and Orchards Company, Louisiana, Mo. Peach tree. 670; Jan. 15.

Owen, Marquis Aubrey, Gay, Ga. Grapevine. 692; May 28.

Patten & Company, assignee: *See—*
Sim, William.

Prushek, Emil, Berrien Springs, assignor to The R. M. Kellogg Company, Three Rivers, Mich. Chrysanthemum plant. 711; Oct. 1.

Prushek, Emil, Berrien Springs, assignor to C. J. Dunn, Benton Harbor, Mich. Chrysanthemum plant. 714; Oct. 29.

Reeves, William H., Burbank, assignor to Armstrong Nurseries, Inc., Ontario, Calif. Apricot tree. 693; June 4.

Roberts, Stanley B., Madison, N. J. Rose plant. 682; Apr. 16.

Roberts, William L., Grandview, Wash., assignor to Stark Bro's Nurseries and Orchards Company, Louisiana, Mo. Apricot tree. 674; Apr. 2.

Roeding, George C., Jr., assignee: *See—*
Etter, Albert F.

Rourke, Frank, Westfield, Mass., assignor to Jackson & Perkins Company, Newark, N. Y. Viola plant. 671; Jan. 15.

Schell, Frank A., Cashmere, Wash., assignor to Stark Bro's Nurseries and Orchards Company, Louisiana, Mo. Apple tree. 720; Dec. 24.

Schmidt, Paul J., Youngstown, assignor to The Wayside Gardens Company, Mentor, Ohio. Buddleia plant. 705; July 2.

Schmidt, Paul J., Youngstown, assignor to The Wayside Gardens Company, Mentor, Ohio. Buddleia plant. 706; July 2.

Sill, Benjamin W., Atlanta, Ga. Anemone-flowered echinacea plant. 679; Apr. 9.

Sim, Wallace R., administrator: *See—*
Sim, William.

Sim, William, deceased, by W. R. Sim, administrator, North Berwick, Maine, assignor to Patten & Company, Tewksbury, Mass. Carnation plant. 669; Jan. 15.

Slocum, Perry D., Cortland County, N. Y. Water-lily plant. 666; Jan. 15.

Sodano, Alfonso C., Bucks County, Pa. Rose plant. 688; May 14.

Stark Bro's Nurseries and Orchards Company, assignee: *See—*
Nicholson, John W.
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Swim, Herbert C., assignor to Armstrong Nurseries, Inc., Ontario, Calif. Hibiscus plant. 698; June 18.
Swim, Herbert C., assignor to Armstrong Nurseries, Inc., Ontario, Calif. Rose plant. 709; Aug. 20.
Swim, Herbert C., assignor to Armstrong Nurseries, Inc., Ontario, Calif. Rose plant. 712; Oct. 8.
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Swim, Herbert C., assignor to Armstrong Nurseries, Inc., Ontario, Calif. Rose plant. 717; Dec. 10.
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Van Bourgondien, Cornelius J., Babylon, N. Y., assignor to R. Wilson, Carlsbad, Calif. Freesia plant. 691; May 21.
Watkins, Archibald F., Tyler, Tex., assignor to Krider Nurseries, Inc., Middlebury, Ind. Rose plant. 687; Apr. 30.
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Aaron, Emanuel, New York, N. Y. Toothbrush. 2,411,610; Nov. 26.
Aaron, Harry, New York, N. Y., assignor to H. E. Page, Alhambra, Calif. Dry shaver. 2,401,292; June 4.
Aasland, John L., Moline, Ill., assignor to International Harvester Company. Husking rolls. 2,413,279; Dec. 31.
Abadie, Jean B. J. M., Puteaux, France; vested in the Alien Property Custodian. Luminescent lamp with turbulent discharge. 2,411,510; Nov. 26.
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Abbott, Boyd R., Norristown, assignor to Armstrong Cork Company, Lancaster, Pa. Machine drive. 2,404,156; July 16.
Abbott, Charles W., Larchmont, N. Y. Heating apparatus. 2,398,398; Apr. 16.
Abbott, Claude H., Astoria, Oreg. Can-feeding means. 2,399,087; Apr. 23.
Abbott, Edward J., W. L. Perry, and J. E. Ring, assignors to Abbott Machine Company, Wilton, N. H. Winding machine. 2,395,028; Feb. 19.
Abbott, Gail C., assignor to Grip Nut Company, South Whitley, Ind. Article rejecting mechanism. 2,410,037; Oct. 29.
Abbott, Henry H., Yonkers, and H. M. Bascom, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,400,061; May 14.
Abbott Laboratories, assignee: *See*—
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Abel, Franklin W., Franklin, Ind. Precast unit pavement, etc. 2,396,808; Mar. 19.
Abel, Franklin W., Franklin, Ind. Pavement slab connecting means. 2,408,133; Sept. 24.
Abel, Louis H., East Cleveland, assignor to The Locomotive Hollow Arch Co., Cleveland, Ohio. Combustion apparatus. 2,398,911; Apr. 23.
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Abernethy, Vardy M., Forest City, N. C. Support. 2,408,719; Oct. 8.
Aborn, Robert H., Short Hills, N. J., assignor to United States Steel Corporation of Delaware. Treating inherently precipitation-hardenable chromium-nickel stainless steel. 2,395,608; Feb. 26.
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Abrams, Armand J., Dallas, Tex., assignor, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Temperature control in regeneration of contact masses. 2,399,532; Apr. 30.
Abrams, Armand J., and C. S. Kuhn, Jr., Dallas, Tex., assignors, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Alkylation process. 2,392,962; Jan. 15.
Abrams, Cecil P., Anoka, Minn. Apparatus for inspecting manufactured articles. 2,405,483; Aug. 6.
Abrams, Edith, assignee, et al.: *See*—
Bassist, Rudolph.
Abrams, Victor R., Rockford, Ill. Air cleaner. 2,393,303; Jan. 22.
Abrams, Victor R., Detroit, Mich. Filler cap and relief vent. 2,396,233; Mar. 12.
Abrams, Victor R., and W. W. Kennedy; said Kennedy assignor to Barber-Colman Company, Rockford, Ill. Bulletproof grid. 2,392,215; Jan. 1.
Abramson, Abraham, New York, assignor to Raylite Electric Corp., Long Island City, N. Y. Decorative illuminated device. 2,412,279; Dec. 10.
Abramson, John H., and E. C. Swanson, assignors to Greenlee Bros. & Co., Rockford, Ill. Conduit bender. 2,405,931; Aug. 20.
Abrasive Products, Inc., assignee: *See*—
Hackett, Robert W.
Absen, Gene: *See*—
Burgess, Lothian M., and Absen.
Acco Products, Inc., assignee: *See*—
Kern, Emil.
Ace Storm Window Company, assignee: *See*—
Krantz, Walter M.
Acheson, Louis K., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,392,716; Jan. 8.
Acheson, Louis K., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,406,733; Sept. 3.
Acheson, Louis K., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,409,008; Oct. 8.
Ackerman, Harold M., assignor of one-half to F. L. Cozad, Ontario, Oreg. Fluid brake. 2,413,162; Dec. 24.
Ackley, Robert A.: *See*—
Yellott, John I., Ackley, and Rosenberger.
Acme Air Appliance Co., Inc., assignee: *See*—
Schmid, Paul, and Hylton.
Acme Coppersmitting & Machine Company, assignee: *See*—
Placek, Adolph.
Acme Industrial Company, assignee: *See*—
Pardee, Harvey S.
Acme Steel Company, assignee: *See*—
Schroeder, William.
Spiller, William R., and Niederhauser.
Wilson, Allen B.
Acme Visible Records, Inc., assignee: *See*—
Zuber, Clarence F.
Acrotorque Company, The, assignee: *See*—
Orshansky, Elias, Jr.
Actiengesellschaft Brown, Boveri & Cie, assignee: *See*—
Waldvogel, Paul.
Acton, Frank J.: *See*—
Portman, Lawrence B., Portman, and Acton.
Acton, Russel D.: *See*—
Bechman, William O., Land, and Acton.
Messenger, Robert P., and Acton.
Acton, Russel D., Chicago, Ill., assignor to International Harvester Company. Clutch structure for crawler tractors. 2,403,322; July 2.
Acton, Russel D., Chicago, Ill., assignor to International Harvester Company. Control means for tractor-connected implements. 2,410,918; Nov. 12.
Acton, Russel D., and A. Kriez, Chicago, Ill., assignors to International Harvester Company. Thrust collar construction. 2,397,905; Apr. 9.
Adair, Lallance A., assignor to Light Control, Inc., Austin, Tex. Photosensitive tube. 2,392,895; Jan. 15.
Adam, Folger, Joliet, Ill. Doors, especially for cells, gratings, and the like. 2,393,276; Jan. 22.
Adam, Frank, Electric Company, assignee: *See*—
Stiegiltz, Henry M.
Adams, Arben H., North Hollywood, Calif., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Emergency valve. 2,399,843; May 7.
Adams, Arben H., and T. S. Tucker, North Hollywood, Calif., assignors, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Hydraulic system. 2,409,175; Oct. 15.
Adams, Charles A., Davenport, Iowa. Electric switch. 2,408,157; Sept. 24.
Adams, Charles R., and C. B. Clark, assignors to Kingsbury Machine Tool Corporation, Keene, N. H. Chuck assembly. 2,405,772; Aug. 13.
Adams, Chester E.: *See*—
Kelso, Charles D., and Adams.
Adams, Chester E., Highland, Ind., assignor to Standard Oil Company, Chicago, Ill. Preparation of polycyclic aromatic compounds. 2,399,716; May 7.
Adams, Chester E., Highland, Ind., assignor to Standard Oil Company, Chicago, Ill. Polyamine resins and preparing the same. 2,411,141; Nov. 19.

Adams, Clark A., Limona, Fla., assignor to Tennessee Corporation, New York, N. Y. Machine for filling valve bags. 2,412,026; Dec. 3.

Adams Company, The, assignee: *See*—
Spensley, William J.

Adams, Frederick W., Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Treatment of glass surfaces. 2,401,537; June 4.

Adams, George M., Erie, Pa., assignor to General Electric Company. Electric motor control system. 2,393,621; Jan. 29.

Adams, George M., and J. C. Aydelott, Erie, Pa., assignors to General Electric Company. Electric control system. 2,393,620; Jan. 29.

Adams, George M., Erie, and H. G. Moore, Wesleyville, Pa., assignors to General Electric Company. Electric control system. 2,393,622; Jan. 29.

Adams, Hal McC., Lexington, assignor to Burlington Mills Corporation, Greensboro, N. C. Device for oiling tiers. 2,409,323; Oct. 15.

Adams, Harold A., Bakersfield, Calif. Pump. 2,400,676; May 21.

Adams, Harold W.: *See*—
Burton, Edward F., Wheelon, and Adams.

Adams, J. D., Manufacturing Company, assignee: *See*—
Lewis, Harold L.
Rhodes, John W.
Small, Everett T.

Adams, John V.: *See*—
Haines, Ray E., and Adams.

Adams, Leon M.: *See*—
Gerhart, Howard L., and Adams.

Adams, Merrill L.: *See*—
Hearne, George W., Adams, and Buls.

Adams, Oscar H., assignor to J. Bierman, Keokuk, Iowa. Wrench. 2,397,770; Apr. 2.

Adams, Pierrepont, Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparation of guanamines. 2,397,396; Mar. 26.

Adams, Pierrepont, Glenbrook, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparation of acyl biurets. 2,401,599; June 4.

Adams, Ray W., Cashmere, Wash. Mold for cementitious anchor blocks. 2,391,856; Jan. 1.

Adams, Richard C., Cleveland Heights, assignor to The Sherwin-Williams Company, Cleveland, Ohio. Coating applying device. 2,411,842; Dec. 3.

Adams, Robert A., Brawley, Calif. Mechanical flash lamp. 2,403,702; July 9.

Adams, Robert E., Vancouver, Wash. assignor to G. H. Buckler, Portland, Oreg. Portable spot welder. 2,402,004; June 11.

Adams, Soren S., Asbury Park, N. J. Trick pencil. 2,396,405; Mar. 12.

Addison, Harry W., Marshall, Minn. Control valve. 2,396,809; Mar. 19.

Addressograph-Multigraph Corporation, assignee: *See*—
Curtis, Franklin E.
Gollwitzer, Walter T.
Hampton, William J.
Hueber, Carl J.
Hueber, Carl J., and Stark.
Janke, Edward J.
Van Dusen, Charles H., Jr.

Adel Precision Products Corp., assignee: *See*—
Bertea, Alex.
Blake, Joseph R.
Brant, Walter R., and Chapman.
Brose, Leonard C.
Churn, Charles J.
Eggert, Ronald E.
Ellinwood, Herman R.
Hunter, Frank B., and Arnold.
Kehle, Ottmar A.
Kelly, John W.
Le Visconte, Harold J.
Lund, Charles.
Morehouse, Eugene M.
Plumb, George W.
Reisner, Joseph H.
Robertson, Archibald.
Schmidt, Benjamin F.
Strid, Carl J.
Van Der Werff, Jacob B.
Webb, Harold E.
Wisegarver, Orton H.

Adelman, Arthur, Chesaning, Mich. Propellent charge holder. 2,412,593; Dec. 17.

Adelson, David E.: *See*—
Evans, Theodore W., and Adelson.
Hatch, Lewis F., Adelson, and Blackburn.

Adelson, David E., Berkeley, Calif., R. P. Ruh, Columbus, Ohio, and H. F. Gray, Jr., Berkeley, Calif., assignors to Shell Development Company, San Francisco, Calif. Catalytic polymerization of unsaturated esters. 2,402,481; June 18.

Adelson, David E., Berkeley, Calif., R. P. Ruh, Columbus, Ohio, and H. F. Gray, Jr., Berkeley, Calif., assignors to Shell Development Company, San Francisco, Calif. Catalytic polymerization of unsaturated esters. 2,402,482; June 18.

Adelson, David E., Berkeley, Calif., R. P. Ruh, Columbus, Ohio, and H. F. Gray, Jr., Berkeley, Calif., assignors to Shell Development Company, San Francisco, Calif. Catalytic polymerization of unsaturated esters. 2,402,483; June 18.

Adelson, David E., Berkeley, Calif., R. P. Ruh, Columbus, Ohio, and H. F. Gray, Jr., Berkeley, Calif., assignors to Shell Development Company, San Francisco, Calif. Catalytic polymerization of unsaturated esters. 2,402,484; June 18.

Adelson, David E., Berkeley, Calif., R. P. Ruh, Columbus, Ohio, and H. F. Gray, Jr., Berkeley, Calif., assignors to Shell Development Company, San Francisco, Calif. Catalytic polymerization of unsaturated esters. 2,402,485; June 18.

Adelson, David E., Berkeley, Calif., R. P. Ruh, Columbus, Ohio, and H. F. Gray, Jr., Berkeley, Calif., assignors to Shell Development Company, San Francisco, Calif. Catalytic polymerization of unsaturated esters. 2,402,486; June 18.

Adelson, David E., Berkeley, and H. Dannenberg, assignors to Shell Development Company, San Francisco, Calif. Stabilization of resins resulting from polymerization of an isopropenyl ketone. 2,407,051; Sept. 3.

Adelsperger, Dayton G., Bettsville, Ohio. Awning. 2,394,736; Feb. 12.

Adlake Company, The, assignee: *See*—
Larson, Carl H.
Verhagen, Christian M.

Adlam, Thomas N.: *See*—
Hilmer, Milton, Signarovitz, and Adlam.

Adler, Ida K.: *See*—
Anderson, Frohman.

Adler, Leon, St. Louis, Mo. Spotting paste. 2,396,667; Mar. 19.

Admiral Corporation, assignee: *See*—
Pfaff, Ernest R.

Adney, Adrian P., assignor to American-Marsh Pumps, Inc., Battle Creek, Mich. Fluid actuated clutch. 2,404,822; July 30.

Adolph, Norman W., Grafton, Ill., assignor to Illinois Powder Manufacturing Company, St. Louis, Mo. Coupling. 2,403,839; July 9

Adorjan, Paul, Kingston Hill, and R. P. Gabriel, Chobham, assignors to Rediffusion Limited, London, England. Radio direction finding and indicating apparatus. 2,396,141; Mar. 5.

Adreon, Carroll E.: *See*—
Newcomer, Jacob R., Jr., and Adreon.

Adreon, Carroll E., Baltimore, assignor to The Glenn L. Martin Company, Middle River, Md. Tube bending tool. 2,403,323; July 2.

Adrian, Venancio, II, Chevy Chase, Md., assignor of one-half to O. L. Williams, Jr., Washington, D. C. Fld. 2,394,884; Feb. 12.

Advance Solvents & Chemical Corporation, assignee: *See*—
Mack, Gerry P.
Mack, Gerry P., and Klebsattel.

Aelony, David, Dayton, Ohio, assignor to Monsanto Chemical Company. Treatment of textiles. 2,398,272; Apr. 9.

Aelony, David, Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Surface-active agents. 2,403,038; July 2.

Aelony, David, Dayton, Ohio, assignor to Monsanto Chemical Company. Polishing wax compositions. 2,404,896; July 30.

Aeppli, Albert, assignor to Maag-Zahnrader und-Maschinen Aktiengesellschaft, Zurich, Switzerland. Rolling motion generating gearing for grinding machines and testing apparatus for bevel wheels. 2,401,810; June 11.

Aerial Products, Inc., assignee: *See*—
Anzalone, Ralph.

Aero Engineering Corporation, assignee: *See*—
Briner, Emil A.

Aero Engines Limited, assignee: *See*—
Halliday, George F.

Aero Supply Mfg. Co., Inc., assignee: *See*—
Downey, George T.
Suska, Charles R., and Downey.

Aeroil Products Company, assignee: *See*—
Kittel, George P., and Wollner.

Aerojet Engineering Corporation, assignee: *See*—
Large, Charles B., Zucrow, and Hirsch.
Malina, Frank J., and Mills.
Morgan, Harry W.
Pridonoff, Eric L., and Schneider.
Smith, Apollo M. O.
Summerfield, Martin.
Summerfield, Martin, and Young.
Walker, Kenneth J., and Hawk.
Young, David A., and Summerfield.

Aeronautical & Mechanical Investments Limited, assignee: *See*—
Arnot, Alfred.
Conway, Hugh G.
Hadekel, Ruben.

Aerostream Pneumatic Conveyers, Inc., assignee: *See*—
Zimmermann, Carl F.

Aerovox Corporation, assignee: *See*—
Coggins, George F.

Aero Zipp Fasteners Limited, assignee: *See*—
Meitner, Bela.

Aeschlimann, John A., Montclair, assignor to Hoffmann-La Roche, Inc., Nutley, N. J. Di-Tocopherolester. 2,393,134; Jan. 15.

Aetna Ball Bearing Manufacturing Company, assignee: *See*—
Rozner, Joseph J.

Affleck, David C., Hammond, Ind., assignor to Carnegie-Illinois Steel Corporation. Heat exchanger. 2,412,552; Dec. 17.

Affleck, Theodore H., North Hollywood, assignor, by mesne assignments, to W. A. Cooke, Hollywood, Calif. Air brake. 2,411,406; Nov. 19.

Agamsite, Edward, Jr., assignor to Fort Howard Paper Company, Green Bay, Wis. Toilet roll dispenser. 2,410,328; Oct. 29.

Aga-Baltic Aktiebolag, assignee: *See*—
Alexandersson, Harald V.

Aga-Baltic Radio Aktiebolag, assignee: *See*—
Alexandersson, Harold V., and Granqvist.

Agens, Maynard C., and B. W. Nordlander, Schenectady, N. Y., assignors to General Electric Company. Decarboxylated half esters of hydroxylated fatty oils and alpha unsaturated polycarboxylic acids. 2,404,204; July 16.

Agins, George: *See*—
Davis, Arthur P., and Agins.

Agins, George, assignor to Arma Engineering Co., Inc., Brooklyn, N. Y. Electrical position control system. 2,409,970; Oct. 22.

Agnew, Edward J.: *See*—
Light, George G., Agnew, and Janson.

Agnew, Norman F., Penn Township, Allegheny County, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway track circuit apparatus. 2,393,135; Jan. 15.

Agnew, Norman F., and W. P. Place, Penn Township, Allegheny County, Pa. Dimension measurement. 2,399,305; Apr. 30.

Agnew, William B. R., Dayton, Ohio. Testing the seals of crystal holders. 2,412,192; Dec. 10.

Agnew, William Y., Little Silver, N. J., assignor to National Lead Company, New York, N. Y. Utilizing iron chloride liquors. 2,393,582; Jan. 29.

Agricola, Frederick T., Gadsden, Ala., assignor to Agricola Furnace Company. Furnace. 2,400,900; May 28.

Agricola, Frederick T., Gadsden, Ala., and H. H. Fleer, Quincy, Ill., said Agricola assignor to Agricola Furnace Company. Heating stove. 2,400,901; May 28.

Agricola Furnace Company, assignee: *See*—
Agricola, Frederick T.
Agricola, Frederick T., and Fleer.

Agriculture, of the United States of America, Claude R. Wickard, and his successors in office, Secretary of, assignee: *See*—
Bowen, Charles V., and Smith.
Butz, Lewis W.
Eskew, Roderick K., and Edwards.
Evans, Cyril D., and Manley.
Woodward, Charles F., Elsner, and Haines.

Agriculture, United States of America, and his successors in office, as represented by the Secretary of, assignee: *See*—
Woodward, Charles F., Talley, Mayer, and Beinhart.

Agriculture, United States of America, as represented by the Secretary of, assignee: *See*—
Bowen, Charles V.
Brother, George H., and Binkley.
Butz, Lewis W.
Coe, Mayne R., Jr., and M. R.
Cupples, Homer L.
Filachione, Edward M.
Filachione, Edward M., and Fisher.
Ford, Tirey F.
Gertler, Samuel I.
Gertler, Samuel I., and Haller.
Goldthwait, Charles F.
Goodhue, Lyle D.
Hamilton, Robert M., and Nichols.
Hemmeter, George T.
Hoover, Samuel R., Allen, and Naghski.
Husman, Chester N., and Longcoy.
Irving, George W., Jr., Merrifield, Burnett, and Parker.
Jones, Howard A., and Travis.
Jones, William R. and H. A.
Lawrence, Ray V.
Leviton, Abraham.
Murray, Charles W.
Nichols, Peter L., Jr., and Hamilton.
Nichols, Peter L., Jr., Meiss, and Yanovsky.
Noel, William A.
Nudenberg, Walter.
Ratchford, William P., and Fisher.
Reeves, Richard E., and Giddens.
Rehberg, Chessie E.
Rehberg, Chessie E., and Fisher.
Schreiber, Walter T.
Schroeder, Herman O., and Lindquist.
Stamberger, Paul, Eskew, and Hanslick.
Swern, Daniel.
Treadway, Robert H.
Wachtel, Jacques L.
Wall, Monroe E., and Kelley.
Wells, Percy A., and Swern.

Agruss, Meyer S.: *See*—
Frankel, Milton, and Agruss.

Agthe, Frederick T., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Air swept ball mill system. 2,398,989; Apr. 23.

Agugliaro, Joseph J., assignee, et al.: *See*—
Tarapczynski, Sigmund.

Aguiar, Clovis D., Juiz de Fora, Brazil. Nozzle for duodenal pump tubes. 2,393,728; Jan. 29.

Agule, George J., Stamford, assignor to Machlett Laboratories Incorporated, Springdale, Conn. Beryllium brazing. 2,406,310; Aug. 27.

Ahalt, Frank W., Downers Grove, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Bonding structures. 2,404,157; July 16.

Ahern, William B., De Kalb, assignor to The Rudolph Wurlitzer Company, Chicago, Ill. Apparatus for forming materials. 2,410,857; Nov. 12.

Ahlberg, Curt Fredrik, Appelviken, and S. Å. Nilsson, Nockeby, assignors to Telefonaktiebolaget L. M. Ericsson, Stockholm, Sweden. Alarm installation with central power supply. 2,397,906; Apr. 9.

Ahlberg, Jacob E.: *See*—
Thomas, Charles L., and Ahlberg.

Ahles, Carl C., Albany, N. Y. Ballast block. 2,409,094; Oct. 8.

Ahlfors, Sten E. E., Hedemora, Sweden. Straining fibrous suspensions. 2,409,524; Oct. 15.

Ahlgren, Erick L., Houston, Tex. Firing mechanism for well shooting guns. 2,396,768; Mar. 19.

Ahrens, Robert S., and W. A. Ellsworth, assignors to Seeger Refrigerator Company, St. Paul, Minn. Refrigerator shelf. 2,403,164; July 2.

Ahrndt, Arthur H., assignor to U. S. Slicing Machine Company, La Porte, Ind. Meat tendering machine. 2,408,747; Oct. 8.

Ahrndt, Arthur H., assignor to U. S. Slicing Machine Company, La Porte, Ind. Food tendering machine. 2,409,463; Oct. 15.

Aiken, Charles B., North Plainfield, N. J., assignor to Schlumberger Well Surveying Corporation, Houston, Tex. Method and apparatus for simultaneous determination of various properties of the subsoil. 2,398,761; Apr. 23.

Aiken, Charles B., North Plainfield, N. J., assignor to Schlumberger Well Surveying Corporation, Houston, Tex. Compensating means for electrical borehole apparatus. 2,411,843; Dec. 3.

Aiken, Thomas M., Pittsburgh, Pa. Combined lens support and lens hood for folding cameras. 2,408,184; Sept. 24.

Aiken, Thomas McG., Pittsburgh, Pa. Photographic film holder. 2,410,919; Nov. 12.

Ainley, Arthur D., and W. H. Davies, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Insecticidal and fungicidal compositions. 2,395,440; Feb. 26.

Air Control Products, Inc., assignee: *See*—
Leigh, Robert L.

Aircraft Marine Products, Inc., assignee: *See*—
Buchanan, Stephen N.
Carlson, Vernon E.
Carlson, Vernon E., and Freedom.
Macy, James C.
Swengel, Robert C.
Watts, William S.

Aircraft Screw Products Company, Inc., assignee: *See*—
Cram, Harkness W.
Eckener, Erwin.
Geertsema, Kenneth B.
Haas, Otto.
Nigro, Henry.

Aircraft Tools, Inc., assignee: *See*—
Miller, Wade E.

Air Devices, Inc., assignee: *See*—
O'Day, Courtland N.

Air-Equipment, assignee: *See*—
Garnier, Georges.

Air-Maze Corporation, assignee: *See*—
Schaaf, Oliver H.

Air Preheater Corporation, The, assignee: *See*—
Cooper, Roland S., and Holm.

Air Reduction Company, Incorporated, assignee: *See*—
Anderson, James L.
Balcar, Frederick R.
Bliss, Conard De K.
Crowe, John J.
Cushman, Everett H.
Deming, George M.
Dennis, Wolcott.
Franzen, James F.
Hamilton, James K.
Hughey, Howard G.
Klinke, Henry O.
Smith, Donald L.
Smith, Oris J.
Tyrner, Joseph M.
Van Nuys, Claude C.
Walker, George L.
Yoch, August H.

Air-Shields, Incorporated, assignee: *See*—
Grieb, Benjamin C.

Air-Track Manufacturing Corporation, assignee: *See*—
Olson, David C.

Air-Way Electric Appliance Corporation, assignee: *See*—
Lindberg, Carl A.
Nuffer, Joseph H., and Latta.

Airways Lighting Corporation, assignee: *See*—
Lamb, Clyde K.

Aitchison, Robert B., Grasmere, N. Y., assignor to The Linde Air Products Company. Flux-forming fuel and thermally working minerals therewith. 2,392,353; Jan. 8.

Aitchison, Robert B., Staten Island, N. Y., assignor to The Linde Air Products Company. Blowpipe for piercing metal bodies. 2,407,972; Sept. 24.

Aitken, William J., Manitowoc, Wis. Snap action switch. 2,413,130; Dec. 24.

Ajax Industrial Supplies, Inc., assignee: *See*—
Smyers, John L.

Akerman, John D., Minneapolis, Minn. Pressure-applying aviator's suit with helmet. 2,404,020; July 16.

Akers, Richard L.: *See*—
Le Tourneau, Robert G., and Akers.

Akers, Richard L., Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Power steering mechanism for vehicles. 2,400,218; May 14.

Akers, Richard L., Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Steering differential. 2,400,728; May 21.

Akers, Richard L., Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Coupling and steering unit. 2,408,359; Oct. 1.

Akers, Richard L., Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Draft coupling and power steering unit. 2,408,360; Oct. 1.

Akers, Stanley R., Detroit, Mich. Removable portability features for army field safes. 2,401,399; June 4.

Akeyson, Swan M., and W. L. Stockham, Long Beach, assignors to Nobs Chemical Company, Los Angeles, Calif. Weld screen. 2,401,035; May 28.

Akin, Richard K., Chicago, Ill. Electric circuit controller. 2,397,907; Apr. 2.

Aktiebolaget A. Ekstroms Maskinaffar, assignee: *See*—
Lindgren, Karl O.

Aktiebolaget Arvidsbergs Industries, assignee: *See*—
Lilin, Sifrid E.

Aktiebolaget Bolinder-Munktell, assignee: *See*—
Wallgren, August G. F.

Aktiebolaget Facit, assignee: *See*—
Carlström, Bengt, Grip, and Toorell.

Aktiebolaget Hammarbylampan, assignee: *See*—
Heuberger, Josef.

Aktiebolaget Kanthal, assignee: *See*—
Rehnqvist, Nils G.

Aktiebolaget Pharmacia, assignee: *See*—
Askelop, Eric E. A., Svartz, and Willstaedt.

Aktiebolaget Separator, assignee: *See*—
Forsberg, Erik A.
Ruda, Gustaf W.

Aktiebolaget Superior, assignee: *See*—
Höglund, Thure G., and Leijon.

Aktiebolaget Vibro-Betong, assignee: *See*—
Lindkvist, Knut V.

Aktiengesellschaft Adolph Saurer, assignee: *See*—
Boldi, Bernhard.
Lobet, Pierre.

Aktiengesellschaft Brown, Boveri & Cie, assignee: *See*—
Boldi, Fritz.
Gaudenzi, Arthur, and Risch.
Gäger, Walter.
Hartmann, Hans.
Hübacher, Paul.
Keller, Hans.
Keller, Robert.
Kübel, Ernst.
Leyer, Albert.
Meyerhans, August.
Noack, Walter G.
Seippel, Claude.
Thommen, Hans, and Brühlmann.
Van Rijswijk, Willem.
Zweifel, Otto.

Aktiengesellschaft Fuer Technische Studien, assignee: *See*—
Ruegg, Rudolf.
Salzmann, Fritz.

Aktiengesellschaft R. & E. Huber, Schweizerische Kabel-, Draht- und Gummiwerke, assignee: *See*—
Kappeler, Fritz.

Aktiengesellschaft, T. Oertli, assignee: *See*—
Geisbuehler, Ernst.

Alabama Polytechnic Institute, assignee: *See*—
Ware, Lamar M., Harris, and Johnson.

Alban, Clarence F., Pontiac, and S. R. Hood, Birmingham, assignors to W. M. Chace Company, Detroit, Mich. Thermostatic metal. 2,403,895; July 16.

Alben, Frank L.: *See*—
Brecht, Winston, and Alben.

Alben, Frank L., Pittsburgh, assignor to Westinghouse Electric Corporation, Pittsburgh, Pa. Resilient driving mechanism. 2,399,306; Apr. 30.

Alben, Frank L., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Locomotive drive. 2,411,350; Nov. 19.

Alben, Frank L., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Drive device. 2,412,853; Dec. 17.

Albers, Gerhard H.: *See*—
Albers, John R. and G. H.

Albers, John R. and G. H., assignors to Wincharger Corporation, Sioux City, Iowa. Governor for wind driven propellers. Re. 22,726; Feb. 26.

Albers, John R., and M. M. Lasensky, assignors to Wincharger Corporation, Sioux City, Iowa. Air circulating and temperature control device for refrigerator cars. 2,398,273; Apr. 9.

Alberston, Victor N., Minneapolis, Minn. Centrifugal pump mechanism. 2,397,718; Apr. 2.

Albert, Charles G., East Orange, N. J. Device for launching and retrieving boats. 2,398,274; Apr. 9.

Albert, Harry B., assignee: *See*—
Chaplin, Edwin D.

Albertoll, John, San Francisco, Calif. Oval can feed. 2,405,805; Aug. 13.

Alberts, Leon N., New York, N. Y. Clasp. 2,407,466; Sept. 10.

Albertson, Noel F.: *See*—
Nevins, Samuel L., Albertson, and Gilliam.

Albi Chemical Corporation, assignee: *See*—
Jones, Grinnell, and Juda.

Albiani, Lido, Cicero, Ill. Chamfering machine. 2,405,004; July 30.

Albin, Alonzo E., Freeport, N. Y., assignor to Bemis Bro. Bag Company, St. Louis, Mo. Seam. 2,399,973; May 7.

Albin, Frederick G., Los Angeles, Calif., assignor to Radio Corporation of America. Electrical compressor method and system. 2,395,159; Feb. 19.

Albin, Frederick G., Los Angeles, Calif., assignor to Radio Corporation of America. High-frequency power generator. 2,412,553; Dec. 17.

Albin, Jeremiah W., Babylon, N. Y. Holding device. 2,400,801; May 21.

Albrecht, Alexander J., West New York, N. J., assignor to R. Hoe & Co., Inc., New York, N. Y. Friction drive for web propelling rollers. 2,407,239; Sept. 10.

Albrecht, Edmund C., Richmond Heights, and G. Cerny, assignors to Pauly Jail Building Company, St. Louis, Mo. Selective actuating and indicating mechanism. 2,413,131; Dec. 24.

Albrecht, George F., Whitinsville, Mass. Spinning and twisting ring. 2,403,255; July 2.

Albrecht, Max W., Chicago, Ill. Venetian blind. 2,409,821; Oct. 22.

Albrecht, Otto, Neuewelt, near Basel, assignor to the Swiss firm of Society of Chemical Industry in Basle, Basel, Switzerland. Aralkylated sulphamides and making same. 2,398,990; Apr. 23.

Albrecht, Otto, Neue-Welt, near Basel, C. Grnenacher, Riehen, R. Sallmann, Bottmingen, and C. Rossi, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Derivatives of resinous ethers of hydroxyaryl compounds. 2,405,806; Aug. 13.

Albree, George N., Winchester, Mass. Projectile. 2,402,718; June 25.

Albree, George N., Winchester, Mass. Firing mechanism for firearms. 2,407,526; Sept. 10.

Albright, Arthur A.: *See*—
Munro, Robert, and Albright.

Albright, Ralph De L., San Diego, Calif. Soap tray. 2,399,533; Apr. 30.

Albright, Robert B., assignor, by mesne assignments, to Philco Corporation, Philadelphia, Pa. Electrical apparatus. 2,410,329; Oct. 29.

Albright & Wilson Limited, assignee: *See*—
Tod, Charles W.

Alco Valve Company, assignee: *See*—
Dube, John E.

Alcorn Combustion Company, assignee: *See*—
Praeger, Frank H.

Alcott, Frank H., Jamaica, assignor to Palisade Structures, Inc., New York, N. Y. Timber ring connector. 2,400,864; May 21.

Alcott, Frank H., Jamaica, assignor to Palisade Structures, Inc., New York, N. Y. Timber ring connector. 2,400,865; May 21.

Alden, Carroll R., assignor to Ex-Cell-O Corporation, Detroit, Mich. Speed control mechanism. 2,395,707; Feb. 26.

Alden, Carroll R., Detroit, Mich., assignor to Ex-Cell-O Corporation. Hydraulic transmission for machine tools. 2,400,729; May 21.

Alden, Herbert W., L. R. Buckendale, and R. K. Super, assignors to The Timken-Detroit Axle Company, Detroit, Mich. Brake mechanism. 2,399,654; May 7.

Alden, Richard C.: *See*—
Schnize, Walter A., and Alden.

Alden Speare's Sons Co., The, assignee: *See*—
Thompson, Willis F., and Speare.

Alderfer, Sterling W., assignor of one-half to E. D. Andrews, Akron, Ohio. Elastic fabric and making same. 2,396,482; Mar. 12.

Alderfer, Sterling W., assignor of one-half to E. D. Andrews, Akron, Ohio. Elastic fabric and making same (dual elastic). 2,396,483; Mar. 12.

Alderman, Leon D., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Starting mechanism for torpedoes. 2,405,932; Aug. 20.

Alderson, Witty L., Jr., assignor to E. I. Du Pont de Nemours & Company, Wilmington, Del. Polyethylene film-forming composition. 2,405,933; Aug. 20.

Aldis, Arthur C. W., assignor to Aldis Brothers Limited, Sparkhill, Birmingham, England. Means for inspecting gun barrels. 2,407,598; Sept. 10.

Aldis, Arthur C. W., and J. West, Sparkhill, assignors to Aldis Brothers Limited, Birmingham, England. Inspecting gun barrels. 2,411,076; Nov. 12.

Aldis Brothers Limited, assignee: *See*—
Aldis, Arthur C. W.

Aldrich Pump Company, The, assignee: *See*—
Hamilton, Samuel H., and Shelly.

Alessandroni, Hugh V., New York, and B. V. Sterk, Woodside, assignors to National Lead Company, New York, N. Y. Extraction of iron from titaniferous ores. 2,406,577; Aug. 27.

Alexander, Carl Z., Springfield, N. J. Water heater. 2,411,675 Nov. 26.

Alexander, Don P., near Dayton, Ohio, assignor to The Sterling Varnish Company, Haysville, Pa. Varnishing armatures and the like. 2,411,180; Nov. 19.

Alexander, Donald F., Oakwood, assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,400,329; May 14.

Alexander, George H., Machinery, Limited, assignee: *See*—
Perkins, John M.

Alexander, John M., Lincoln, Nebr. Automatic liquid vendor. 2,394,528; Feb. 12.

Alexander, John W., Arlington, Va. Support. 2,392,110; Jan. 1.

Alexander Milburn Company, The, assignee: *See*—
Jenkins, Alexander F.

Alexander, Millard E., West Orange, N. J. Pipe joint. 2,398,399; Apr. 16.

Alexander, Paul, Berkhamsted, and C. Whiley, London, England. Vacuum pump of the vapor type. 2,404,021; July 16.

Alexander, Paul, Berkhamsted, and C. Whiley, London, England. Vapor vacuum pump of the double jet type. 2,404,022; July 16.

Alexander, Paul, Berkhamsted, and C. Whiley, London, England. Vapor vacuum pump. 2,404,023; July 16.

Alexander, Paul, Berkhamsted, and E. L. Cranstone, Mill Hill, London N. W., assignors to Vapco Limited, London, England. Deposition of metals. 2,402,269; June 18.

Alexander, Peter: *See*—
Blott, John F. T., and Alexander.

Alexander, Peter P.: *See*—
Archibald, Frederick R., and Alexander.

Alexander, Peter P., Marblehead, assignor to Metal Hydrides Incorporated, Beverly, Mass. Dehydration of transformer oils. 2,399,192; Apr. 30.

Alexander, Peter P., Marblehead, assignor to Metal Hydrides Incorporated, Beverly, Mass. Production of metal hydrides. 2,401,323; June 4.

Alexander, Peter P., Marblehead, assignor to Metal Hydrides Incorporated, Beverly, Mass. Production of lithium hydride. 2,408,748; Oct. 8.

Alexander, William R.: *See*—
Deal, Harmon B., Alexander, and Rankin.

Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to General Electric Company. Control system. 2,401,450; June 4.

Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to General Electric Company. Control system. 2,412,027; Dec. 3.

Alexandersson, Harald V., Lidingo, assignor to Aga-Baltic Aktiebolag, Stockholf, Sweden. Automatic record changer for phonographs. 2,392,111; Jan. 1.

Alexandersson, Harald V., and C.-E. Granqvist, assignors to Aga-Baltic Radio Aktiebolag, Stockholm, Sweden. Remote control. 2,395,708; Feb. 26.

Alfandre, Harry, Jamaica, N. Y. Assembling safety pins. 2,405,934; Aug. 20.

Al-Fin Corporation, assignee: *See*—
Whitfield, Marshall G., and Sheshunoff.

Alford, Andrew, New York, N. Y., assignor to Federal Telephone and Radio Corporation. Modulator circuit. 2,395,441; Feb. 26.

Alford, Andrew, assignor to Mackay Radio and Telegraph Company, New York, N. Y. Transmission control network. 2,405,174; Aug. 6.

Alford, Andrew, New York, N. Y., assignor to Federal Telephone & Radio Corporation. Glide path beacon. 2,406,734; Sept. 3.

Alford, Andrew, New York, N. Y., assignor to Federal Telephone and Radio Corporation, Newark, N. J. Multisignal radiating system. 2,406,735; Sept. 3.

Alford, Joseph S., Nahant, Mass., assignor to General Electric Company. Centrifugal type compressor. 2,409,837; Oct. 22.

Alfred Hofmann & Company, assignee: *See*—
Hepp, Carlos A.

Alfreds, Torris H.: *See*—
Fields, Frank D., and Alfreds.

Alfsen, Alf A.: *See*—
Lowgren, Karl A. U., Alfsen, and Messing.

Alfthan, Johannes, New York, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Molding process. 2,400,091; May 14.

Alfthan, Johannes, New York, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Fabricating tape. 2,406,127; Aug. 20.

Alfthan, Johannes, and J. L. Chynoweth, New York, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Fabrication of polytetrafluoroethylene articles. 2,396,629; Mar. 19.

Alger, Blandford A., Belleville, N. J. Attachment for audio receivers. 2,408,720; Oct. 8.

Alger, Harley C., Chicago, Ill. Etching device for rotogravure cylinders. 2,399,534; Apr. 30.

Algin Corporation of America, assignee: *See*—
Le Gloahec, Victor C. E.

Alien Property Custodian: *See*—
Abadie, Jean B. J. M.
Anschütz, Robert, and Kämmel.
Anzionnaz, René, and Imbert.
Bach, Adolf.
Barwich, Heinz.
Bauersfeld, Walther.
Becker, Gottfried, Daeves, and Steinberg.
Bellomo, Nicola.
Benz, Helmut, and Kugel.
Bergier, Jacques, Eskenazi, and Helbronner.
Bonnefoy-Cudraz, Emile R.
Bouwers, Albert.
Bretthauer, Hermann.
Burnat, Henri L.
Caselle, Raffaele.
Colberg, Rolf, and Michels.
Conradty, Ottmar.
Cramer, Hans.
Daur, Theodor, and Daniel.
De Kadt, George S.
Deserno, Peter.
Di Giuseppe, Renato.
Dorsman, Cornelis.
Dreyfus, Georges.
Eberhard, Albert.
Een, Johannes B.
Eulenstein, Fritz, and Krus.
Florian, Ernst, Petersen, and Christian.
Fluchaire, Maurice L. A.
Friedrich, Albert.
Fries, Gustav.
Fuscaldo, Ottavio.
Gal, Alessandro.
Garnier, Claude E.
Glaser, Alex F. G.
Griesbeck, Hans.
Groen, Martinus G.
Guareschi, Pietro.
Guinot, Henri M.
Hagemann, August.
Hasegawa, Takao.
Hentrich, Winfrid, Engelbrecht, and Schirm.
Hentrich, Winfrid, and Kaiser.
Hentrich, Winfrid, and Schirm.
Hildebrand, Paul, and Metz.
Hintze, Rudolf.
Hitzelberger, Erwin.
Hoffmann, Ullrich, and Meis.
Huehn, Werner, and Haufe.
Hurst, Max.
Iseki, Takeski.
Kajita, Toshiji, and Inoue.
Kallusch, Camillo.
Kehse, Wolfgang.
Kiel, Karl B. W.
Kientz, Louis R. J.
Kirchner, Ignatz A.
Klinger, Emil, Knapp, and Lutz.
König, Rezso, Gerecs, and Földi.
Korten, Ernst.
Kovács, Theodor.
Krell, Joseph.
Kronenberger, Adam.
Krussmann, Adolf.
Külz, Fritz.
Lipp, Rudolf W.
Liet, Helmrich.
Long, Bernard.
Lorschy, Gyorgy.
Martinotti, Pietro.
Marzocchi, Luigi.
Maximoff, Alessandro.
Mennesson, Marcel L.
Mercier, Jean.
Mercier, Pierre E.
Mesnel, Pierre.
Moller, Fredik A.
Müller, Helmut, and Pischinger.
Müller, Richard.
Nallinger, Fritz, and Friedrich.
Nettel, Friedrich.
Nissen, Ulrich.
Orlich, Peter, Negel, and Harts.
Ottenstein, Friedrich.
Pfeiffer, Paul.
Posch, Oskar.

Allen Property Custodian: *See*—Continued
Pott, August F.
Prause, Robert.
Raimbold, Adolf.
Rala, Eugen.
Remus, Valentin.
Rheinberger, Eberhard.
Robinson, James P.
Rodanet, Charles Hilaire Henri.
Roelen, Otto, and Feisst.
Rosa, Laszlo, and Zakarias.
Sato, Takeo.
Schmidt, Rudolf.
Schmidt, Walter.
Schneider, Friedrich.
Scholler, Heinrich.
Seppeler, Eduard.
Shinomiya, Shigeru.
Sobek, Paul.
Soldan, Otto.
Souche, Fernand C.
Spiess, Georg.
Springer, Berthold.
Springer, Walter.
Stieglitz, Albert.
Suchy, Robert, and Messner.
Szydlowski, Josef.
Thanius, Kurt.
Tominaga, Masaichi.
Viloux, Pierre.
Von Borries, Bodo.
Von den Steinen, Carl.
Von Hagen, Kurt.
Von Keussler, Otto.
Waselge, Charles R.
Weber, Reinhold.
Werner, Karl.
Westerkamp, Hugo.
Weston, Herbert.
Wiest, Georg, and Glaser.
Wilfert, Karl, and Barenyi.
Witkiewicz, Roman.
Wohlmeyer, Josef.
Zalotti, Adolfo, and Tellini.
Zelbeck, Gustav, and Muller.

Allx, Elmer C., Charlton City, and H. A. Wilson, South Spencer, Mass. Loom. 2,399,457; Apr. 30.

Alizier, André G., Chicago, Ill., assignor to Comet Model Airplane & Supply Company Incorporated. Propeller. 2,411,143; Nov. 19.

Alkire, William W., Vancouver, Wash. Combined bailer and dump. 2,399,844; May 7.

All America Cables & Radio, Inc., assignee: *See*—
Rosenberger, Harold J.

All American Aviation, Inc., assignee: *See*—
Du Pont, Richard C.
Plummer, Stuart C.
Schultz, Arthur B.
Schultz, Arthur B., and Burkhart.

Allegheny Ludlum Steel Corporation, assignee: *See*—
Lincoln, Rush A.
Mohling, Gunther.
Torcedo, Enrique G., and De Vries.

Allen, A. S., assignee: *See*—
Madl, John G.

Allen, Albert, Sharon, assignor to The Foxboro Company, Foxboro, Mass. Recording mechanism. 2,393,960; Feb. 5.

Allen, Andrew B., Ochre River, Manitoba, Canada. Cultivator wheel. 2,405,630; Aug. 13.

Allen-Bradley Company, assignee: *See*—
Ratatz, Eugene C.

Allen, Charles F., Stamford, and D. M. Kentro, Noroton, Conn., assignors to American Cyanamid Company, New York, N. Y. Treatment of ores containing cobalt and nickel. 2,399,845; May 7.

Allen, Charles F. H., Rochester, N. Y., and A. Bell, Knoxville, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Sulfamyl benzotriazoles. 2,410,619; Nov. 5.

Allen, Charles F. H., Rochester, N. Y., and A. Bell, Oak Ridge, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Sulfonamidobenzimidazoles. 2,410,620; Nov. 5.

Allen, Charles S., Jr., Greenville, S. C. Antisweep anchorage for mines of the marine type. 2,399,307; Apr. 30.

Allen, Dane R., Nashville, Tenn. Toothbrush. 2,396,548; Mar. 12.

Allen, Earle F., Wellesley Hills, Mass. Self-locking set screw. 2,398,070; Apr. 9.

Allen, Edward A., Westfield, assignor to Van Norman Company, Springfield, Mass. Boring head. 2,412,937; Dec. 24.

Allen, Edward J., assignor to The Leece-Neville Company, Cleveland, Ohio. Armature construction. 2,400,902; May 28.

Allen, Edward J., assignor to The Leece-Neville Company, Cleveland, Ohio. Welding tool. 2,400,903; May 28.

Allen, Everett W., Birmingham, assignor to General Motors Corporation, Detroit, Mich. Door catch. 2,409,822; Oct. 22.

Allen, Frank, New York, N. Y. Curing artificial denture. 2,395,241; Feb. 19.

Allen, George, North Lake Village, assignor to Binks Manufacturing Company, Chicago, Ill. Louver post. 2,397,458; Apr. 2.

Allen, Glenn L., Jr., Freeport, Tex., and R. Heitz, Antioch, and G. Henderson, Pittsburg, Calif., assignors to The Dow Chemical Company, Midland, Mich. Chlorination of saturated hydrocarbons and recovering hydrochloric acid. 2,402,978; July 2.

Allen, Herbert, and R. N. Bean, assignors to Cameron Iron Works, Houston, Tex. Flow wing. 2,407,050; Sept. 3.

Allen, Howard G., Niagara Falls, assignor to Consolidated Packaging Machinery Corporation, Buffalo, N. Y. Filling machine. 2,394,737; Feb. 12.

Allen, Howard G., Niagara Falls, and E. R. Kenison, Kenmore, assignors to Consolidated Packaging Machinery Corporation, Buffalo, N. Y. Adhesive handling device. 2,394,420; Feb. 5.

Allen, Joseph W., Washington, D. C. Reverse current relay for direct current generator battery systems. 2,397,938; Apr. 9.

Allen, Kenneth C.: *See*—
Meeker, David A., and Allen.

Allen, Kenneth R., Ridgewood, N. Y., assignor to American Seal-Kap Corporation, Wilmington, Del. Hood cap. 2,396,225; Mar. 12.

Allen, Paul E., Skokie, Ill. Savings bank. 2,393,729; Jan. 29.

Allen, Paul J.: *See*—
Hoover, Samuel R., Allen, and Naghski.

Allen, Ralph E., Wichita, Kans. Mechanical caddy. 2,406,183; Aug. 20.

Allen, Rex W., Palisades, assignor to Camloc Fastener Corporation, New York, N. Y. Fastener construction. 2,395,650; Feb. 26.

Allen, Rex W., Palisades, assignor to Camloc Fastener Corporation, New York, N. Y. Fastener assembly. 2,396,142; Mar. 5.

Allen, Robert C., Wauwatosa, Wis., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Making welded blade structures. 2,392,281; Jan. 1.

Allen, Robert C., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Turbine blade locking apparatus. 2,393,447; Jan. 22.

Allen, Robert C., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Gas turbine system. 2,409,176; Oct. 15.

Allen, Robert C., Wauwatosa, C. E. Kenney, West Allis, and W. F. Wilson, Wauwatosa, assignors to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Intercooled compressing apparatus. 2,396,484; Mar. 12.

Allen, Robert C., and J. T. Rettaliata, Wauwatosa, assignors to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Jet propulsion apparatus. 2,409,177; Oct. 15.

Allen, Robert McD., New York, N. Y., and F. E. Timmer, Hasbrouck Heights, N. J. Making a food product. 2,396,234; Mar. 12.

Allen, Roy O., Athens, Pa., assignor to Ingersoll-Rand Company, New York, N. Y. Controlling device. 2,400,330; May 14.

Allen, Sheldon H., Gretna, La. Fishing trap and method. 2,399,193; Apr. 30.

Allen, Thomas, Davison, Mich. Depth control for plows. 2,406,484; Aug. 27.

Allen, Tom G.: *See*—
Cluley, Alan S., and Allen.

Allen Wales Adding Machine Corporation, assignee, *See*—
Lambert, Harry L.

Allen, William W., assignor to The Dow Chemical Company, Midland, Mich. Control of slime organisms. 2,400,677; May 21.

Allenbaugh, Edward F., Burbank, Calif. Collapsible baby buggy. 2,410,797; Nov. 12.

Allender, Samuel S., New York, N. Y., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,392,896; Jan. 15.

Aller, Willis F.: *See*—
Polk, Louis F., and Aller.

Aller, Willis F., assignor to The Sheffield Corporation, Dayton, Ohio. Gauging device. 2,392,301; Jan. 8.

Aller, Willis F., assignor to The Sheffield Corporation, Dayton, Ohio. Gauging device. 2,403,896; July 16.

Aller, Willis F., assignor to The Sheffield Corporation, Dayton, Ohio. Leakage gauging device. 2,403,897; July 16.

Aller, Willis F., assignor to The Sheffield Corporation, Dayton, Ohio. Gauging device. 2,412,380; Dec. 10.

Aller, Willis F., and L. J. Mahlmeister, assignors to The Sheffield Corporation, Dayton, Ohio. Gauging device. 2,403,898; July 16.

Allerton, Robert W.: *See*—
Mockridge, Chester R., and Allerton.

Alliance Manufacturing Company, assignee: *See*—
Schneider, Emmor V.

Allied Chemical & Dye Corporation, assignee: *See*—
Anderson, Norman L.
Bamberger, Curt.
Clark, Charles R.
Clark, Earl W.
Cole, Percy J.
Engel, Karl H.

Allied Chemical & Dye Corporation, assignee: See—Continued
Fleysher, Maurice H.
Flett, Lawrence H.
Flett, Lawrence H., and Toone.
Greenburg, Richard B.
Kern, Jean G.
King, Wilbert A.
King, Wilbert A., Kleiner, and Clark.
Sievenpiper, Frederic.

Allied Control Company, Inc., assignee: *See*—
Gwyn, Childress B., Jr.
Horman, John H.
McPherson, Hal W.
Miller, Edward G., and Engberg.
Winstrom, Leon.

Allied Engineering Corporation, assignee: *See*—
Patterson, Allen L.

Allied Laboratories, Inc., assignee: *See*—
Donleavy, John J.
Faith, Herman E.

Allied Plastics Company, assignee: *See*—
Crane, Walton B.

Allied Shoe Machinery Corp., assignee: *See*—
Perri, Angelo.

Alling, William M., Lakewood, assignor to Industrial Rayon Corporation, Cleveland, Ohio. Thread inspection device. 2,412,381; Dec. 10.

Allis-Chalmers Manufacturing Company, assignee: *See*—
Agthe, Frederic T.
Allen, Robert C.
Allen, Robert C., Kenney, and Wilson.
Allen, Robert C., and Rettaliata.
Altorfer, Hans A.
Cook, Eugene B.
Ferguson, Rector C.
Harrer, Paul H., and Roth.
Johnson, William C.
Kelle, Arthur C.
Maxson, Walter L., Fagnant, and Baxa.
Montgomery, Terryl B., and Weilbaecher.
Morris, Cecil H.
Ray, James L.
Scranton, Charles J.
Sealey, William C.
Sillers, Thomas G. A.
Singleton, Joseph L.
Stivender, Edward H.
Vogel, Paul C.
Wilson, Charles D.

Allis Louis Company, The, assignee: *See*—
Smith, Harold L.

Allison, Byron L., Williston Park, N. Y., and L. J. Wong, Hoboken, N. J., assignors to Sperry Gyroscope Company, Inc. Mounting means for gyroscopes. 2,409,178; Oct. 15.

Allison Company, The, assignee: *See*—
Allison, Hugh V.

Allison, Daniel B., Wauwatosa, Wis. Insulator bracket. 2,393,226; Jan. 22.

Allison, Donald K., Beverly Hills, Calif. Fire control valve and fuel line. 2,397,518; Apr. 2.

Allison, Donald K., Beverly Hills, Calif. Fluid meter. 2,402,585; June 25.

Allison, Donald K., Beverly Hills, Calif. Apparatus for indicating horsepower. 2,402,719; June 25.

Allison, Donald K., Beverly Hills, Calif. Apparatus for producing ozone. 2,404,778; July 30.

Allison, Donald K., Beverly Hills, Calif. Ozonizing liquids. 2,405,553; Aug. 13.

Allison, Donald K., Beverly Hills, Calif. Ozonizer. 2,405,728; Aug. 13.

Allison, Hugh V., Fairfield, assignor to The Allison Company, Bridgeport, Conn. Press. 2,407,123; Sept. 3.

Allison, Lloyd G., Tampa, Fla., assignor to W. C. Moore, doing business as Moore Equipment Company, Dayton, Ohio. Projector stand assembly. 2,395,796; Mar. 5.

Allison, Robert W., Atlanta, Ga. Mercury switch. 2,392,829; Jan. 15.

Allmänna Svenska Elektriska Aktiebolaget, assignee: *See*—
Uno Lamm.

Alltools, Limited, assignee: *See*—
Graves, Arnold, and Tomes.

Allyn, William N., assignee: *See*—
Hart, James B.

Alm, J. T., assignee: *See*—
Sauer, Christian H.

Almänna Svenska Elektriska Aktiebolaget, assignee: *See*—
Lamm, Uno.

Almes, Marion C., Cuyahoga Falls, Ohio. Reflector button sign. 2,413,538; Dec. 31.

Almgren, August E., Hillside, N. J., assignor to American Can Company, New York, N. Y. Feeding mechanism. 2,393,961; Feb. 5.

Almgren, August E., Hillside, N. J., assignor to American Can Company, New York, N. Y. Overcap applying machine. 2,406,784; Sept. 3.

Almy, Richard, Lancaster Township, Lancaster County, assignor to Armstrong Cork Company, Lancaster, Pa. Platform sole for shoes. 2,405,870; Aug. 13.

AlnClin, Inc., assignee: *See*—
Walker, Victor.

Alox Corporation, assignee: *See*—
Shields, James E.

Alpert, Harry A., Indianapolis, Ind. Salvaging battery lead. 2,398,275; Apr. 9.

Alrose Chemical Company, assignee: *See*—
Kroll, Harry H.

Alsop, Samuel, Millidale, Conn. Filter. 2,392,354; Jan. 8.

Alspach, James H.: *See*—
Ellis, Delbert and Alspach.

Alspaugh, James C., Baytown, Tex., assignor to Standard Oil Development Company. Refining of mineral oils. 2,397,077; Mar. 26.

Alspaugh, James S., Portsmouth, Ohio. Transmission. 2,406,184; Aug. 20.

Alston, Paul W., Berkeley, and E. E. Morse, Woodland, Calif. Method and apparatus for detecting sugar. 2,408,900; Oct. 8.

Alt, Rudolph: *See*—
Goldman, Paul R., and Alt.

Altenburger, Clarence L.: *See*—
Selmi, Luciano G., and Altenburger.

Alter, Harry, Company, The, assignee: *See*—
Cahenzli, Martin T., Jr.

Alther, Joseph G., assignor to Universal Oil Products Company, Chicago, Ill. Contact conversion reaction. 2,394,651; Feb. 12.

Alther, Joseph G., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon gases. 2,400,621; May 21.

Althoff, George, Los Angeles, Calif. Device for the hydraulic transmission of power. 2,400,622; May 21.

Altman, Clara J., Detroit, Mich. Curling method. 2,394,224; Feb. 5.

Altman, Clara J., Detroit, Mich. Curling hair. 2,397,908; Apr. 9.

Altman, Clara J., Detroit, Mich. Eyelash buffer. 2,409,823; Oct. 22.

Altman, Fred E., assignor to Eastman Kodak Company, Rochester, N. Y. Variable power telescope. 2,398,276; Apr. 9.

Altman, Fred E., assignor to Eastman Kodak Company, Rochester, N. Y. Wide-angle telescope objective. 2,401,324; June 4.

Altman, Fred E., assignor to Eastman Kodak Company, Rochester, N. Y. Four-component objective. 2,405,729; Aug. 13.

Altman, Frederick J., U. S. Army. Oscillating circuit. 2,402,270; June 18.

Altman, Peter, Detroit, assignor to Continental Motors Corporation, Muskegon, Mich. Portable power unit-handle cooling. 2,410,142; Oct. 29.

Altman, Peter, Detroit, assignor to Continental Motors Corporation, Muskegon, Mich. Portable engine. 2,410,143; Oct. 29.

Alton, Alvin J.: *See*—
North, Gerald C., and Alton.
North, Gerald C., Alton, and Little.

Alton, William H., Westport, Conn., assignor to R. T. Vanderbilt Company, Incorporated, New York, N. Y. Rubber accelerator. 2,399,655; May 7.

Alton, William H., Westport, and F. E. Hutchins, Norwalk, Conn., assignors to R. T. Vanderbilt Company, Inc., New York, N. Y. Emulsion. 2,409,338; Oct. 15.

Altorfer, Hans A., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Combustion turbine burner. 2,411,181; Nov. 19.

Altsheler, William B., Louisville, assignor to Joseph E. Seagram & Sons, Inc., Shively, Ky. Pneumatically-operated liquid-recirculating device. 2,408,721; Oct. 8.

Aluminum Company of America, assignee: *See*—
Andrews, Raynal W., Jr., and Deily.
Blackmun, Edward V.
Gunn, Robert D.
Handler, Alfred A.
Laing, Kenneth M.
Marsh, Kirtland.
Miller, Mike A.
Miller, Mike A., and White.
Nelson, David G.
Osborne, Andrew G.
Rearick, Walter S., and Nighthart.
Riesmeyer, August H.
Riesmeyer, August H., and Gitzen.
Stowe, Vernon M.
Stroup, Philip T., and Willmore.
Underwood, James E.
Von Stoecker, Selmer G.
White, Wayne E.
Willmore, Charles R.

Aluminum Goods Mfg. Co., assignee: *See*—
Hansen, Harold, and Pilger.

Aluminum Plant & Vessel Company, The, assignee: *See*—
Hill, Ronald A.

Alvarado, Alfonso M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical processes. 2,402,586; June 25.

Alvarado, Alfonso M., Wilmington, W. A. Lazier, New Castle County, and J. H. Wernitz, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical processes. 2,402,587; June 25.

Alves, Howard A., Skokie, and B. L. MacKusick, Winnetka, assignors to The Pure Oil Company, Chicago, Ill. Removing from high-boiling tar acids, bodies which impart color to water white hydrocarbon liquids. 2,394,652; Feb. 12.

Alward, Kenneth C., Moweaqua, Ill. Supertread for tires. 2,411,240; Nov. 19.

Amand, Raymond H., Norwalk, and J. C. Daninos, Darien, assignors to General Aircraft Equipment, Inc., South Norwalk, Conn. Heat exchange device. 2,392,444; Jan. 8.

Amberg, Walter E., Beverly Shores, Ind., assignor to Universal Paper Products Company, Chicago, Ill. Receptacle dispensing carton. 2,405,107; Aug. 6.

Ambrose, Dermot M.: *See*—
Chatterjea, Prafulla K., Scully, and Ambrose.

Ambrosia, Biagio F., Long Island City, assignor to International Business Machines Corporation, New York, N. Y. Dot-and-dash telegraph receiver. 2,397,909; Apr. 9.

Ambruson, Henry, Worcester, Mass., assignor to Wickwire Spencer Steel Company, New York, N. Y. Conveyer belt guard edge. 2,397,584; Apr. 2.

Ambruster, Cornelius, Roslyn, Pa., assignor to The Electric Storage Battery Company. Storage battery plate. 2,404,158; July 16.

Amdur, Leon H., Brooklyn, N. Y. Game device. 2,406,731; Aug. 27.

Amdur, Leon H., Brooklyn, N. Y. Toy rocket gun. 2,409,853; Oct. 22.

Amer, Frank, U. S. Navy, LaMesa, Calif. High-low support skid. 2,400,523; May 21.

American Air Filter Company, Inc., assignee: *See*—
Dahlman, Verner.
Nutting, Arthur.

American Allsafe Company, Inc., assignee: *See*—
Campbell, Neil M.

American Aniline Products, Inc., assignee: *See*—
Armour, George L.
Steiger, Norbert.

American Anode Inc., assignee: *See*—
Miller, Donald J.
Tausch, Harry W.

American Automatic Typewriter Company, assignee: *See*—
Schulz, Otto.

American Bank Note Company, assignee: *See*—
Poore, Chauncey P., Jr., and Guertin.

American Beauty Products Co., assignee: *See*—
Koch, Carl E.

American Bitumuls Company, assignee: *See*—
McCoy, Paul E.
Watts, Vilas E.
Watts, Vilas E., and McCoy.

American Bitumuls Company, The, assignee: *See*—
Buckley, Walter D., and Bly.
Fratis, Joseph E., and Oakley.

American Blower Corporation, assignee: *See*—
Anderson, Axel F. L.

American Bosch Corporation, assignee: *See*—
Coe, Frank S.
Crocker, William D., and Coe.
Goertin, Charles E.
Kongsted, Ludvig P.
Teichert, Conrad A.

American Box Board Company, assignee: *See*—
Kohlhepp, Henry R.

American Brake Company, The, assignee: *See*—
Gantner, William A.

American Brake Shoe Company, assignee: *See*—
Blume, William A., and Conarton.
Carr, Bradley S., and Blakemore.
Clark, John O'F.
Heidenthal, Warren C.
Huber, Albert F.
Keller, Emil C., and Spokes.
Nelson, Albert.
Pogue, Robert B.
Trainer, Maurice N.
Walpole, Alfred R.

American Broach & Machine Co., assignee: *See*—
Lapointe, Francis J.

American Can Company, assignee: *See*—
Almgren, August E.
Bald, William.
Bierman, George H.
Dawn, George J.
Goodrich, Frank W.
Jackson, John M.
Jones, Lyman L.
Jordan, Warren D., and Lindgren.
Kruse, Orlin O.
Lehmann, Karl F.
May, William F.
Murch, John H.
Nordquist, Ronald E. J.
Odquist, Harold T.
Paynter, Horace J.
Pechy, William.
Peters, John F.
Peterson, Howard B., and Renard.
Portie, Ralph K.
Robinson, John E., and Millelot.
Robinson, John E., and Millelot, Jr.
Socke, John E.
Wolfe, Herbert J.
Woolford, Custis S.

American Car and Foundry Company, assignee: *See*—
Campbell, Edmund D.
Christiansen, John.
Dilley, June D.
Evans, Morris S., and Stolberg.
Morey, William E., and Nichols.
Schroeder, Ernest R.
Shields, Robert A.
Willoughby, Victor.
Wrobbel, Rudolph, and Walter.

American Car and Foundry Investment Corporation, assignee: *See*—
Stanton, Warren F.

American Chain & Cable Company, Inc., assignee: *See*—
Brstz, Otto J.
Kuhnl, Leopold.

American Chemical Paint Company, assignee: *See*—
Douty, Alfred, and Heller.
Douty, Alfred, and Romig.
Jones, Franklin D.
Saukaitis, Albert J.

American Coach & Body Company, The, assignee: *See*—
Kelleher, Daniel.

American Coils Co., assignee: *See*—
Sewell, Cleveland A.

American Cyanamid & Chemical Corporation, assignee: *See*—
Clark, Le Roy V.
Mercer, Robert G., and Taylor.

American Cyanamid Company, assignee: *See*—
Adams, Pierrepont.
Allen, Charles F., and Kentro.
Amick, Chester A.
Ashley, Kenneth D., and Jaeger.
Barnes, Robert B.
Bart, Edward H.
Booth, Robert B., and Carpenter.
Booth, Robert B., and Herkenhoff.
Bradley, Chester W.
Carpenter, Erwin L.
Carpenter, Erwin L., Davis, and Wiedeman.
Cole, Quintin P., and Roblin.
Cook, Elmer W., and Hook.
Cook, Elmer W., and Thomas.
Crossley, Moses L., and English.
David, Charles P.
Davis, Arnold R.
Davis, Harold S.
Dean, Russell T., and King.
Dhein, Leonard H.
Dixon, James K.
Dixon, James K., and Sayward.
Dudley, James R.
Durant, Walter W., and Blann.
English, Jackson P.
English, Jackson P., Vaughan, and Roblin.
Fischer, Ralph M.
Foster, George H., and Williams.
Gibbons, Edward J., and O'Neil.
Harris, Raymond R.
Hechenbleikner, Ingenuin.
Heuser, Ralph V.
Hill, Arthur J., and Degnan.
Hill, Arthur J., and Holmes.
Hill, William H.
Holmes, Roger B., and Hill.
Hood, Robert L., and Berry.
Horsfall, John L.
Hull, Washington.
Kaiser, Donald W.
Kaiser, Donald W., and Sperry.
Kaiser, Donald W., and Thuraton.
Kienle, Roy H., and Amick.
King, Victor L.
Kropa, Edward L.
Knshner, Samuel.
Lacey, Harold T., and Brouillard.
Lacey, Harold T., and Ness.
Landes, Chester G.
Large, Edward W.
Laury, Napoleon A., and Lombardo.
Lecher, Hans Z., and Goulding.
Lecher, Hans Z., Goulding, and Parker.
Lecher, Hans Z., Parker, and Denton.
Lecher, Hans Z., Scalera, and Hardy.
Lecher, Hans Z., Scalera, and Lester.
Long, Robert S.
Loukomsky, Serge A., and Stock.
MacLean, Alexander F.
Mariner, Thomas.
Maxwell, Charles S.
Mensing, Carl E.
Migrdichian, Vartkas.
Nagy, Daniel E.
Northey, Elmore H.
Paden, Joseph H., and Mackay.
Pail, David B.
Parker, Robert P., and Denton.
Parker, Robert P., and Hill.
Parker, Robert P., and Hofmann.
Parker, Robert P., and Smith.
Pepper, Foster L.
Peter, John P. C.

American Cyanamid Company, assignee: *See*—Continued
Pfann, Harry F. and Kropa.
Pieger, Karl G., and Hill.
Pollard, John D.
Roblin, Richard O., Jr. and Winnek.
Royer, George L., and Stearns.
Scott, Milton J.
Spencer, Cecil A.
Stearns, Edwin I., Jr.
Stearns, Edwin I., and Shurcliff.
Taxwood, Vincent C.
Tchorni, David L., and Watson.
Thomas, Walter M.
Thurston, Jack T.
Weiss, Robert H., and Wintringham.
West, Herbert J.
Winnek, Philip S.
Winnek, Philip S., and Cole.
Winnek, Philip S., and Roblin.

American Dairies Incorporated, assignee, et al.: *See*—
Graham, William E., Jr., Kobler, and Hoover.

American Defibrator, Inc., assignee: *See*—
Lowgren, Karl A. W., Alfsen, and Messing.

American Display Company, assignee: *See*—
Dunkelberger, Milton S.

American District Telegraph Company, assignee: *See*—
Blosser, Dwight W., and Evans.
Donelian, Khatchik O.
Evans, Francis C.
Muehter, Manfred W.

American Dyewood Company, assignee: *See*—
Pieper, Oliver T.

American Ecia Corporation, assignee: *See*—
Chavannes, Marc. A.

American Engineering Company, assignee: *See*—
Lawrence, Howard F.

American Enka Corporation, assignee: *See*—
Jackson, Arthur L., and Whisnant.
Polak, James J., and Jackson.
Whisnant, John K.
White, Guy H.

American Floor Surfacing Machine Company, The, assignee: *See*—
Yavrik, Louis.

American Foundry Equipment Company, assignee: *See*—
Unger, Chester E.

American Furniture & Toy Company, assignee: *See*—
Schneider, Rudolph G.

American Glare Shield Co., Inc., The, assignee: *See*—
Le Lande, Lester R.

American Hoist & Derrick Co., assignee: *See*—
Welsch, Louis A.

American Home Products Corporation, assignee: *See*—
Ansbacher, Stefan.

American Instrument Company, assignee: *See*—
Meigs, Douglas P.

American Isteg Steel Corporation, assignee: *See*—
Stites, Joseph D.

American-La France-Foamite Corporation, assignee: *See*—
Lindsay, Charles H., and Weaver.
White, Clifford B.

American Laundry Machinery Company, The, assignee: *See*—
Couch, Forrest J.
Preston, John E.

American Lead Pencil Company, assignee: *See*—
Jueiss, David.

American Lecithin Company, assignee: *See*—
Jacobs, Joseph J.
Julian, Percy L., and Meyer.
Stanley, Joseph.

American Locomotive Company, assignee: *See*—
Barrau-Frauenfelder, Joseph, and Schrom.
Bunker, Arthur C.
Elder, Frederick T., Farkas, and Gunter.
Farkas, George B.
Freeman, Newell L.
Gunter, Addison Y.
Kindervater, Julius.
Kopp, Sigmund.
Schreck, Henry.

American Machine & Foundry Company, assignee: *See*—
Arelt, Charles.
Jensen, Thormod.
Johnson, Carl W.
Johnson, Carl W., and Neumair.
Pohl, Ernest E.
Rundell, Rupert E.
Wells, Franklin H., and Root.

American Maize-Products Company, assignee: *See*—
Buchanan, Ben F., and Lloyd.
Evans, Cyril D.
Lloyd, Robert L., and Buchanan.
Morgan, Willard L.

American-Marsh Pumps, Inc., assignee: *See*—
Adney, Adrian P.

American Metal Company, Limited, The, assignee: *See*—
Jones, Thomas R.

American MonoRail Company, The, assignee: *See*—
Hay, Charles N.

American Oak Leather Company, The, assignee: *See*—
Henning, Frederick W.

American Optical Company, assignee: *See*—
Bardwell, Ralph F., and Smith.
Bennett, Alva H.
Bennett, Alva H., and Richards.
Bennett, Alva H., and Tillyer.
Bernheim, Daniel P., and Glasberg.
Berry, John J.
Ellis, Charles A.
Gradisar, Albin A.
Gradisar, Albin A., and Brown.
Gradisar, Albin A., and Guellich.
Guellich, Gustav E.
Heijn, Paul C.
Hendrix, Don O.
Jackson, George W.
Joyce, William J.
Light, David M.
Osterberg, Harold, and Heijn.
Osterberg, Harold, Pride, and Heijn.
Peck, William F.
Richards, Oscar W.
Robbiee, Ide L.
Schauweker, George H.
Splaine, Edward M.
Stewart, James A.

American Ore Reclamation Company, assignee: *See*—
Shallock, Edward W.
Urban, William J.

American Pad & Textile Company, The, assignee: *See*—
Hull, Joseph S.

American Paper Bottle Company, The, assignee: *See*—
Monroe, Charles Z.

American Pattern and Manufacturing Co., assignee: *See*—
Miller, Raymond J.

American Perforator Company, The, assignee: *See*—
Nelson, Martin L., and Roberts.

American Petroleum Institute, assignee: *See*—
Zobell, Claude E.

American Pipe and Construction Co., assignee: *See*—
Butler, Adolf G.

American Potash & Chemical Corporation, assignee: *See*—
May, Frank H., and Suhr.
Suhr, Henry B., and Fitch.

American Pulley Company, The, assignee: *See*—
Williams, William A.

American Radiator & Standard Sanitary Corporation, assignee: *See*—
Goerg, Bernard.

American Register Company, assignee: *See*—
Oliver, Walter E.

American Rolling Mill Company, The, assignee: *See*—
Blickensderfer, Robert, and Welch.
Gifford, Carl E., Carpenter, and Cook.
Hoover, George R., and Hays.
Oganowski, Kasimir.
Oganowski, Kasimir, Parks, and Coburn.
Reed, Eo, and Washburn.
Schaufus, Henry S.

American Safety Razor Corporation, assignee: *See*—
Kleinmann, Max.
Ottomano, Mario.
Signoret, Albert J.

American Screw Company, assignee: *See*—
Clark, Eugene E.

American Sealcone Corporation, assignee: *See*—
Merkle, Alfred.

American Seal-Kap Corporation, assignee: *See*—
Allen, Kenneth R.

American Smelting and Refining Company, assignee: *See*—
Cooper, Elbert M.
Fleming, Edward P., and Fitt.
Fritschle, Arthur.
Gall, Carl, and Prucha.
Johnson, Walter F.
Phillips, Albert J., Lebedeff, and Crandall.

American Steel Dredge Company, Inc., The, assignee: *See*—
Rauch, John D.

American Steel Foundries, assignee: *See*—
Bachman, Fred E.
Baselt, Walter H., and Tack.
Clasen, Claus J. W.
Cottrell, Robert B.
Edstrom, Carl A.
Flesch, Norman.
Heater, Charles L.
Hess, Reiza J., and Cizek.
Kayler, Frank H.
Keysor, Harold C.
Kinne, Edmund P.
Kinne, Edmund P., and Kayler.
Lehrman, Leo A.
Light, David M.
Peycke, Armand H., and Aurien.
Poulter, Thomas C., and Strom.
Tack, Carl E.
Tack, Carl E., and Flesch.
Tack, Carl E., and Helsten.
Watts, Raymond.
Young, Donald M.

American Steel and Wire Company, The, assignee: *See*—
Bannerman, Gordon H., Curran, and Trout.
Beckwith, Glenwood J.
Brickman, Alan E.
Elder, Flint C., and Harris.
Liptak, John P.
Turner, Charles K.
Wright, Charles L.
American Steel and Wire Company of New Jersey, The, assignee: *See*—
Bannerman, Gordon H.
Beak, Willis E.
Brickman, Alan E.
Dougherty, James W.
Elmendorf, Harold J.
Fenner, James M., and Mog.
Fenner, James M., Griffiths, and Harris.
Fenton, George D.
Graham, Hugh R.
Harter, Noah S.
Leonard, William E.
Lepka, Fred.
Lurig, Frank W., Miller, and Robinson.
Peirce, Walter T.
Ramstedt, Emil L.
Riddle, Harvey W.
Symmes, Daniel D.
Wald, George F.
American Sterilizer Company, assignee: *See*—
Comper, Adrian.
American Stove Company, assignee: *See*—
Meecker, Henry, Jr., Frick, Meacham, and White.
Morrill, Vaughan, Jr.
American Swiss Company, The, assignee: *See*—
Rightmyer, Holden W.
American Telephone and Telegraph Company, assignee: *See*—
Avery, Robert C.
Bailey, Austin.
Bemis, Edwin W.
Cannon, Frank J., and Goodwin.
Corderman, Roy C.
Corey, Horace E., and Wright.
Cronburg, Claude I.
Davis, Rowland F.
Fay, Frank H., and Reeve.
Eggensperger, Arlo R.
Gammell, Ernest O.
Greene, Monte L.
King, Robert W.
Martin, Wade B.
Nitterauer, Franklin D.
Pierce, Ralph E., and Perry.
Rhodes, Harold A.
Schroeppel, Harold H.
Smith, Temple C., and Brown.
Willis, Milton P.
American Tool & Machine Co., assignee: *See*—
Tholl, John F.
American Turbotor Corporation, assignee: *See*—
Beheuhr, Walter.
American Type Founders, Incorporated, assignee: *See*—
Kaufeld, Theodore J.
Long, Henry R.
Seybold, Frederick W.
American Viscose Corporation, assignee: *See*—
Burke, Allen P., and Crewdson.
Cowling, Hale.
Davidson, Hobart O.
De Brabander, Camiel.
Denyssen, Ivanhoe P.
Ehert, David M., and Hogeland.
Folmer, Herman C. R.
Haley, Hugh D.
Haley, Hugh D., and Schaffer.
Heyman, Karl.
Lodge, Alvin.
Luttge, William G., and Mesthene.
McDermott, Henry J.
McDermott, Henry J., and Stanley.
Morehead, Frederick F.
Nelson, Seddon C.
Richardson, Arthur B., and Thompson.
Smith, Robert A.
Spalding, John E., and Wicker.
Stanley, Richard W.
Stanley, Richard W., and Lowe.
Taylor, Robert J.
Taylor, Robert J., and Webb.
Truitt, Joseph A.
Wallach, Roger N.
Webb, Wesley L.
Welton, Norman S.
American Well Works, The, assignee: *See*—
Walker, James D.
American Wheel Works, The, assignee: *See*—
Walker, James D.
American Window Glass Company, assignee: *See*—
Weihs, Theodor G.
American Zinc, Lead & Smelting Company, assignee: *See*—
MacIntire, Walter H.
Ames Baldwin Wyoming Co., assignee: *See*—
Harte, Richard.
Wharton, George C.
Ames Company, Inc., assignee: *See*—
Christner, Howard F., Lobley, and Miles.
Ames, Richard L., assignee, et al.: *See*—
Livermont, Frank W.
Amesbury Seat Manufacturing Company, assignee: *See*—
Hare, Terence G.
Amick, Chester A.: *See*—
Kienle, Roy H., and Amick.
Amick, Chester A., assignor to American Cyanamid Company, Bound Brook, N. J. Direct dye planographic printing compositions. 2,404,769; July 30.
Amidon, Roy C., assignor to Vanity Fair Mills, Inc., Reading, Pa. Knitting machine needle. 2,399,308; Apr. 30.
Amidon, Roy C., Reading, Pa., assignor to Vanity Fair Mills, Inc. Knitting needle. 2,400,476; May 21.
Amidon, Roy C., Reading, Pa., assignor to Vanity Fair Mills, Inc. Knitting machine. 2,400,524; May 21.
Amidon, Roy C., assignor to Vanity Fair Mills, Inc., Reading, Pa. Knitting machine. 2,400,525; May 21.
Amidon, Roy C., assignor to Vanity Fair Mills, Inc., Reading, Pa. Knitting machine. 2,400,526; May 21.
Amidon, Roy C., assignor to Vanity Fair Mills, Inc., Reading, Pa. Knitting machine needle and operating same. 2,403,961; July 16.
Amiot, Rodolphe, San Francisco, Calif. Window ventilator. 2,398,762; Apr. 23.
Amiley, Oliver B., Bay City, and J. B. Gregory, Midland, Mich., assignors to The Dow Chemical Company. Thermoplastic pipe flange. 2,412,487; Dec. 10.
Ammen, Francis D., Los Angeles, Calif. Propeller pitch and diameter control. 2,403,899; July 16.
Ammoco Products Co., Inc., assignee: *See*—
Larson, Wallace M.
Ammon, Edward R., Reading, Pa. Stocking stacking and banding device. 2,404,205; July 16.
Amon, Fred H., Weston, assignor to Godfrey L. Cabot, Inc., Boston, Mass. Method and apparatus for producing carbon black. 2,399,591; Apr. 30.
Amonsen, George H., Minneapolis, Minn. Drive mechanism for washing machines. 2,396,549; Mar. 12.
Amos-Thompson Corporation, assignee: *See*—
Hill, Harry D.
Amoth, Verona P., Crosby, N. Dak. All purpose utility pencil case. 2,412,938; Dec. 24.
Amott, Earl, Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Transformer oils. 2,397,332; Mar. 26.
Amott, Earl, Berkeley, Calif., assignor to Union Oil Company, Los Angeles, Calif. Producing dry metal sulfonates of improved oil solubility. 2,411,819; Nov. 26.
Amott, Earl, Berkeley, and W. E. Grebe, Long Beach, assignors to Union Oil Company of California, Los Angeles, Calif. Chemical method. 2,395,774; Feb. 26.
Amrein, Werner: *See*—
Fischer, Friedrich, and Amrein.
Ams, Max, Machine Company, The, assignee: *See*—
Brenzinger, Julius.
Diesel, Willy.
Amsco Packaging Machinery Inc., assignee: *See*—
Messmer, Edwin E.
Amthor, Franklin R., Port Washington, N. Y. Shell. 2,396,978; Mar. 19.
Amthor, Frederick E., assignor to Amthor Testing Instrument Co., Incorporated, Brooklyn, N. Y. Window guard locking device. 2,400,280; May 14.
Amthor Testing Instrument Co., Incorporated, assignee: *See*—
Amthor, Frederick E.
Amundsen, Hans R., Oak Park, Ill. Friction brake or clutch. 2,402,605; June 11.
Amyot, Pierre, Quebec, Quebec, Canada. Foundation garment. 2,401,325; June 4.
Amyot, Pierre, Quebec, Quebec, Canada. Brassière. 2,401,895; June 11.
Anaconda Copper Mining Company, assignee: *See*—
Prescott, Harry T.
Simmons, John H., and Spencer.
Anaconda Wire and Cable Company, assignee: *See*—
Greenfield, Eugene W.
Hickernell, Latimer F., and Talbott.
Olson, John W.
Olson, John W., and Bechle.
Rosch, Samuel J.
Anania, James A., Newark, N. J. Cutter tool assembly. 2,392,216; Jan. 1.
Anania, James A., Newark, N. J. Cutter tool locking mechanism. 2,392,217; Jan. 1.
Anchor Hocking Glass Corporation, assignee: *See*—
Herrold, Gordon W.
Russell, Howard W., and Lucks.
Stover, Harry E.
Anchor Manufacturing Company, assignee: *See*—
Johansson, Ernest G.
Sparkes, Harry P., and Johansson.
Anchor Slide Fastener Corp., assignee: *See*—
Stern, Norman.
Andalikiewicz, Boley A., assignor to C. E. Hovey, Trustee, Kansas City, Mo. Flow detecting method. 2,393,225; Jan. 22.

Anderau, Walter, assignor to Society of Chemical Industry in Basle, Basel, Switzerland. Disazo dyestuffs and making same. 2,411,646; No. 26.
Anderer, Theodore A., Philadelphia, and R. W. Tafel, Drexel Hill, Pa. Tandem self aligning gauge. 2,402,142; June 18.
Andersen, Bjorn: *See*—
Dreyfus, Camille, and Andersen.
Andersen, Bjorn, Maplewood, N. J., assignor to Celanese Corporation of America. Transparent plastic material. 2,404,422; July 23.
Andersen, Carl N., Wellesley, assignor to Lever Brothers Company, Cambridge, Mass. Vitamin and mineral dietary supplement and making. 2,410,417; Nov. 5.
Andersen Corporation, assignee: *See*—
Swanson, Earl C.
Andersen, George D., Los Angeles, C. L. Spencer, Santa Monica, and J. L. Hansen, Los Angeles, Calif.; said Spencer and said Hansen assignors to said Andersen. Perspective drawing device. 2,412,194; Dec. 10.
Andersen, Jorgen C., Rochester, N. Y. Index mechanism. 2,392,112; Jan. 1.
Andersen, Jorgen C., Rochester, N. Y. Lens grinding and polishing machine. 2,402,865; June 25.
Andersen, Nils P. E., Elm Grove, assignor to Harnischfeger Corporation, Milwaukee, Wis. Cargo crane. 2,396,143; Mar. 5.
Andersen, Oscar W., Los Angeles, Calif. Turntable. 2,395,528; Feb. 26.
Anderson, Alva E., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron beam relay. 2,409,179; Oct. 15.
Anderson, Alva E., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Ultra high frequency detector. 2,400,608; Oct. 22.
Anderson, Anton, Chicago, Ill. Lap. 2,401,215; May 28.
Anderson, Alva E., New York, N. Y., and A. L. Samuel, Summit, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Ultra high frequency oscillator. 2,405,175; Aug. 6.
Anderson, Arthur, Brooklyn, N. Y. Apparatus for forming cam surfaces upon cylindrical cam bodies. 2,408,722; Oct. 8.
Anderson, Arthur A., Rose Township, Ramsey County, assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Adhesive tape dispenser and applier. 2,407,641; Sept. 17.
Anderson, Arthur O., Davenport, Iowa. Fuel feeding apparatus. 2,412,193; Dec. 10.
Anderson, Axel F. L., assignor to American Blower Corporation, Detroit, Mich. Fan wheel. 2,392,113; Jan. 1.
Anderson, Benjamin T., Long Beach, and M. T. Flaxman, Inglewood, assignors to Union Oil Company of California, Los Angeles, Calif. Diesel fuel oil. 2,397,771; Apr. 2.
Anderson, Benjamin T., Long Beach, and M. T. Flaxman, Inglewood, assignors to Union Oil Company of California, Los Angeles, Calif. Diesel type fuel. 2,413,482; Dec. 31.
Anderson, Bertil T.: *See*—
Ericson, Alfred G., and Anderson.
Anderson, Bertil T., assignor to Sundstrand Machine Tool Co., Rockford, Ill. Control system for machine tools. 2,398,346; Apr. 16.
Anderson, Carl M., Corsicana, Tex., assignor, by mesne assignments, to Bethlehem Supply Compnay. Air-cooled hoisting drum. 2,412,706; Dec. 17.
Anderson, Church, Arcadia, Calif. Combined wall switch and electric clock. 2,392,445; Jan. 8.
Anderson, Church, Arcadia, Calif. Floor or wall safety box. 2,410,475; Nov. 5.
Anderson, Clare, Scotch Plains, N. J., assignor to Realty and Industrial Corporation. Electrical measuring apparatus. 2,399,903; May 7.
Anderson, Clarence S., Des Moines, Iowa. Silo and tank lug. 2,406,054; Aug. 20.
Anderson, Clifford H., Davenport, Iowa. Cleaning and scouring machine. 2,395,160; Feb. 19.
Anderson Company, The, assignee: *See*—
Boddy, Leonard.
Anderson, Earl I., Manhasset, N. Y., assignor to Radio Corporation of America. Radio beacon system. 2,403,429; July 9.
Anderson, Earl I., Manhasset, N. Y., assignor to Radio Corporation of America. Pulse selectivity system. 2,410,000; Oct. 29.
Anderson, Edmund A.: *See*—
Boyle, Edward J., and Anderson.
Anderson, Edmund B., Rockford, assignor to Borg-Warner Corporation, Chicago, Ill. Fabricating universal joints. 2,397,585; Apr. 2.
Anderson, Edmund B., Rockford, assignor to Borg-Warner Corporation, Chicago, Ill. Universal joint. 2,402,006; June 11.
Anderson, Edmund C., Homewood, assignor to Kensington Steel Company, Chicago, Ill. Belt conveyer. 2,406,279; Aug. 20.
Anderson, Edward R., Blackstone, Va. Semiautomatic safety lighter. 2,393,508; Jan. 22.
Anderson, Edwin F., Buffalo, N. Y., assignor to Pillsbury Flour Mills Company, Minneapolis, Minn. Bag waxing machine. 2,405,391; Aug. 6.
Anderson, Elmar A., Minneapolis, Minn. Adjustable operating handle for steering wheels. 2,413,132; Dec. 24.
Anderson, Ellery, Buhl, Minn. Apparatus for treating ores or other materials. 2,393,227; Jan. 22.
Anderson, Eric: *See*—
Doering, Charles, H. H., Anderson, and Skoglund.
Anderson, Eric A., New Orleans, La., dedicated to the free use of the people in the territory of the United States. Lumber grain slope-measuring instrument. 2,413,424; Dec. 31.
Anderson, Eric M., Sr.: *See*—
Anderson, Peter A. and E. M., Sr., Hansen, and Edwards.
Anderson, Eric W.: *See*—
Doering, Charles and H. H., Skoglund, and Anderson.
Anderson, Francis M., assignor to Halliburton Oil Well Cementing Company, Duncan, Okla. Material for sealing off porous formations in wells. 2,398,347; Apr. 16.
Anderson, Frank E.: *See*—
Schliwa, Adolph M., and Anderson.
Anderson, Frohman, Brooklyn, assignor of two-fifths to I. K. Adler, New York, N. Y. Metal drawing die. 2,395,651; Feb. 26.
Anderson, George C., Great Neck, N. Y. Adjustable saddle cleaning horse. 2,403,324; July 2.
Anderson, George O., and A. C. Pitt, assignors to The Bristol Aeroplane Company Limited, Bristol, England. Supercharged internal-combustion engine. 2,392,565; Jan. 8.
Anderson, George R., assignor to J. M. Hopwood, Mount Lebanon, Pa. System of control for pulverizer mills. 2,404,937; July 30.
Anderson, Gordon R., Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Cast core members for electrical apparatus. 2,392,802; Jan. 15.
Anderson, Harold N., Rocky River, Ohio. Forging press. 2,404,351; July 23.
Anderson, Harry G., Alameda, Calif. Open end ratchet wrench. 2,401,128; May 28.
Anderson, James: *See*—
Galloway, William S., and Anderson.
Anderson, James A., Jr., Goose Creek, Tex., assignor to Standard Oil Development Company. Treatment of cracked naphtha. 2,405,935; Aug. 20.
Anderson, James L., Closter, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Method and apparatus for protecting burners. 2,404,423; July 23.
Anderson, James L., Closter, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Billet scarfing method and apparatus. 2,409,654; Oct. 22.
Anderson, James L., Closter, N. J., assignor to Air Reduction Company, Incorporated. Circle cutting machine. 2,411,182; Nov. 19.
Anderson, James M., Broomall, Pa., assignor to General Electric Company. Electric switch. 2,401,538; June 4.
Anderson, James N., North Plainfield, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Apparatus for recording electrical signals. 2,403,472; July 9.
Anderson, James N., North Plainfield, and R. Hoover, Plainfield, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Indicating system. 2,392,355; Jan. 8.
Anderson, John: *See*—
Bullard, Edwin F., Anderson, and McAllister.
McAllister, Sumner H., Anderson, and Ross.
Anderson, John, Chicago, Ill. Storage battery. 2,395,652; Feb. 26.
Anderson, John, and R. C. Castner, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Production of hydrocarbons. 2,359,775; Feb. 26.
Anderson, John, Berkeley, E. F. Bullard, Oakland, and S. H. McAllister, Lafayette, assignors to Shell Development Company, San Francisco, Calif. Aromatic hydrocarbon alkylation. 2,396,144; Mar. 5.
Anderson, John E., Portland, assignor to United Aircraft Corporation, East Hartford, Conn. Blade adjusting means. 2,396,630; Mar. 19.
Anderson, John E., and J. H. Ballard, Muskegon, and H. E. Potter, Spring Lake, assignors to Sealed Power Corporation, Muskegon, Mich. Grooving tool. 2,399,309; Apr. 30.
Anderson, John E., and C. W. Dunlap, assignors to Plibrico Jointless Firebrick Company, Chicago, Ill. Anchor extension means. 2,413,425; Dec. 31.
Anderson, John F., Oakland, Calif. Drilling vise. 2,407,769; Sept. 17.
Anderson, John W., Danbury, Conn. Plastic lipstick holder. 2,395,709; Feb. 26.
Anderson, John W., Newtown, Conn. Expellant holder with telescopic screw core. 2,395,710; Feb. 26.
Anderson, John W., Gary, Ind. Razor. 2,406,983; Sept. 3.
Anderson, John W., Gary, Ind. Handle for safety razors. 2,406,984; Sept. 3.
Anderson, John W., Gary, Ind. Razor. 2,406,985; Sept. 3.
Anderson, John W., Gary, Ind., assignor to Productive Inventions, Inc. Windshield wiper system. 2,407,215; Sept. 10.
Anderson, Leslie J., Indianapolis, Ind., assignor to Radio Corporation of America. Announcing method and system. 2,392,218; Jan. 1.

Anderson, Leslie J., Haddonfield, N. J., assignor to Radio Corporation of America. Electromechanical signal translating apparatus. 2,400,281; May 14.
Anderson, Marshall N., and M. H. Sellstrom, assignors to Sellstrom Manufacturing Company, Chicago, Ill. Welders' helmet. 2,410,256; Oct. 29.
Anderson, Martin J., assignor to Mathews Conveyer Company, Elwood City, Pa. Conveyer system. 2,411,407; Nov. 19.
Anderson, Norman L., Buffalo, assignor to Allied Chemical & Dye Corporation, New York, N. Y. Preparing copper-containing azo dyestuffs. 2,400,092; May 14.
Anderson, Olof V., Providence, R. I. Cuff button. 2,396,868; Mar. 19.
Anderson, Oscar W., Glendale, N. Y. Work clamp. 2,395,242; Feb. 19.
Anderson, Peter A., Portland, E. M. Anderson, Sr., Westbrook, E. W. Hansen, Bangor, and J. H. Edwards, assignors to Utilities Distributors, Inc., Portland, Maine. Casing for truck and freight car heaters. 2,407,124; Sept. 3.
Anderson Products, Inc., assignee: *See*—
Ferguson, Warren T.
Anderson, Ralph L., assignor to Deere & Company, Moline, Ill. Combine for garbonza and like crops. 2,402,007; June 11.
Anderson, Reuben B., St. Paul, Minn. Hair clipper. 2,406,986; Sept. 3.
Anderson, Rexford O., and W. E. Walsh, Chicago, assignors to Foote Bros. Gear and Machine Corporation, Chicago, Ill. Aerial pickup device. 2,393,948; Feb. 5.
Anderson, Rexford O., Chicago, Ill., M. E. Landry, Tulsa, Okla., and W. F. Ardussi; said Ardussi, assignor to Foote Bros. Gear and Machine Corporation, Chicago, Ill. Apparatus for absorbing shock loads. 2,396,071; Mar. 5.
Anderson, Richard H.: *See*—
Hertzell, Emanuel A., and Anderson.
Anderson, Robert W., assignee: *See*—
Bertoglio, Tony C.
Anderson, Roger, Seattle, Wash. Fracture splint. 2,406,987; Sept. 3.
Anderson, Roy J., assignor to Chicago Flexible Shaft Company, Chicago, Ill. Automatic bread toasting apparatus. Re. 22,781; Aug. 20.
Anderson, Sidney S., assignee: *See*—
Baucum, William W.
Anderson, Ted R., Puunene, Maui, Hawaii. Internal-combustion engine. 2,409,609; Oct. 22.
Anderson, Volney S., Los Angeles, Calif. Molding apparatus. 2,396,406; Mar. 12.
Anderson, William C., Bromley, Ky., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Double throw switch. 2,405,005; July 30.
Anderson, William C., Burlington, and G. J. Naber, Erlanger, Ky., assignors to The Trumbull Electric Manufacturing Company, Plainville, Conn. Electric trolley conductor duct and collector. 2,412,382; Dec. 10.
Anderson, William S.: *See*—
Mahoney, James A., and Anderson.
Anderson, William W.: *See*—
Monson, Louis T., Anderson, and Jenkins.
Andon, Arpinée E., Pelham, N. Y. Match holder and windshield. 2,411,314; Nov. 19.
Andreasson, Rudolf W., Franklin, Mich. Drilling device. 2,409,525; Oct. 15.
Andreef, Alexis D., Montreal, Quebec, Canada. Apparatus for use in the manufacture of laminated skis. 2,392,079; Jan. 1.
Andreopoulos, Theodore C., Buffalo, and P. J. Papadakos, Kenmore, N. Y., assignors to Curtiss-Wright Corporation. Spin chute installation. 2,411,077; Nov. 12.
Andresen, Kurt H., Bradford, Pa., assignor, by mesne assignments, to Essex Royalty Corporation, New York, N. Y. Method of oil recovery. 2,402,588; June 25.
Andresen, Raymond H., assignor to Peerless Tool and Engineering Company, Chicago, Ill. Lathe attachment. 2,396,631; Mar. 19.
Andresen, Raymond H., assignor to Peerless Tool and Engineering Company, Chicago, Ill. Lathe attachment. 2,409,464; Oct. 15.
Andress, Harry J., Jr.: *See*—
Reiff, Orland M., and Andress.
Andrew, Lucy B., Forest Hills, N. Y. Producing waves and curls. 2,397,397; Mar. 26.
Andrew, William K., Wauwatosa, and J. J. Lenert, Milwaukee, assignors to Kearney & Trecker Corporation, West Allis, Wis. Work indexing mechanism. 2,407,970; Sept. 24.
Andrews, Charles F.: *See*—
McFarlane, John W., and Andrews.
Andrews, Earle R.: *See*—
Steans, Lionel H., and Andrews.
Andrews, Earle R., and L. H. Steans, Los Angeles, Calif. Portable shower. 2,403,430; July 9.
Andrews, Edward D., assignee: *See*—
Alderfer, Sterling W.
Andrews, John W., Pittsburgh, Pa., assignor to Carnegie-Illinois Steel Corporation. Process for electrodeposition of tin. 2,399,194; Apr. 30.
Andrews, Melvin R., Junction City, Oreg. Radio compass demonstrator. 2,402,271; June 18.
Andrews, O. B., Company, assignee: *See*—
Boh, George W.
Turner, William E.
Andrews, Osceola W.: *See*—
Miller, Ralph W., and Andrews.
Andrews, Ralph J., New Haven, Conn., assignor, by mesne assignments, to Wilson Carbon Company, Inc., New York, N. Y. Processing acid sludge. 2,393,214; Jan. 15.
Andrews, Raynal W., Jr., New Kensington, and A. T. Delly, assignors to Aluminum Company of America, Pittsburgh, Pa. Carriage for metal drawing apparatus. 2,410,594; Nov. 5.
Andrews, Thomas: *See*—
Trostler, Fredrick, and Andrews.
Andrews, Troy M.: *See*—
Haney, Clifford L. Martin, and Andrews.
Reeves, Howard F., Jr., and Andrews.
Andrews, Vernon R., assignor to Automatic Products Company, Milwaukee, Wis. Expansion valve. 2,399,088; Apr. 23.
Andrews, Wayne M., New York, N. Y. Pocket adding machine. 2,359,609; Feb. 26.
Andron, Philip, Brooklyn, N. Y., and H. Krichman, Bayonne, N. J. Carbonator. 2,404,679; July 23.
Andrus, Donald W.: *See*—
Reiff, Orland M., and Andrus.
Andrzejewski, Clara, assignor to J. Belzowski, R. L. Squire and F. Z. Roder, Chicago, Ill. Mechanism for removing foreign particles from the eye. 2,410,257; Oct. 29.
Anemostat Corporation of America, assignee: *See*—
Honerkamp, Friedrich.
Kurth, Franz J.
Serre, Maurice, and Kurth.
Aneshansel, Carl W., Cincinnati, Ohio, assignor to Sterling Drug Inc., New York, N. Y. Printing ink. 2,404,680; July 23.
Angel, Herbert, Brooklyn, assignor to The Western Union Telegraph Company, New York, N. Y. Telegraph selector. 2,391,868; Jan. 1.
Angelica Jacket Company, assignee: *See*—
Coates, Elmer T.
Angell, Charles H.: *See*—
Giuliani, Chester J., and Angell.
Angell, Charles H., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of fluid hydrocarbons. 2,398,759; Apr. 23.
Angell, Earle F., assignor to E. C. Bothwell, Jr., Richmond, Va. Fire extinguisher. 2,412,491; Dec. 10.
Anger, George L., assignee: *See*—
Steinhilber, Berthold.
Anglo-Iranian Oil Company Limited, assignee: *See*—
Birch, Stanley F., Fidler, and Thornes.
Fawcett, Eric W. M.
Fawcett, Eric W. M., and Beynon.
Fawcett, Eric W. M., and Jenkins.
Fawcett, Eric W. M., and Narracott.
Howes, Donald A., and Fawcett.
Vivian, Arthur C.
Anglo-Saxon Petroleum Company Limited, The, assignee: *See*—
Lubbock, Isaac, and Battershill.
Anheuser-Busch, Incorporated, assignee: *See*—
Goering, Kenneth J.
Animal Trap Company, assignee: *See*—
Heymann, Roy D.
Anjeskey, Alphonse F., Cleveland, assignor to The Cleveland Crane & Engineering Company, Wickliffe, Ohio. Assembling airplanes and the like. 2,405,544; Aug. 13.
Anker-Holth Manufacturing Company, Inc., assignee: *See*—
Gall, George E.
Annable, Weldon G.: *See*—
Henderson, Lawrence M., and Annable.
Annen, James E., assignor to Sutherland Paper Company, Kalamazoo, Mich. Paper bottles and the like, and manufacture. 2,409,655; Oct. 22.
Annett, Charles E., 2d, and M. Armstrong, Short Hills, N. J.; said Armstrong assignor to said Annett. Fastening device. 2,409,180; Oct. 15.
Annis, Howard R., Auburn, Maine. Illumination control system. 2,392,446; Jan. 8.
Ansbacher, Stefan, Rockville Centre, assignor to American Home Products Corporation, New York, N. Y. Therapeutic compositions. 2,403,473; July 9.
Anschütz, Robert, and E. H. Kämmel, Zella-Mehlis, Germany; vested in the Alien Property Custodian. Device applicable for bookkeeping-calculating and similar machines. 2,392,515; Jan. 8.
Anstedt, Paul, Des Plaines, assignor to Northern Metal Products Company, Chicago, Ill. Punch press safety guard. 2,407,527; Sept. 10.
Antalek, John J., assignor to Virgil Hamilton, doing business as Hamilton Associated Industries, Chicago, Ill. Phonograph. 2,395,390; Feb. 26.
Anthony Company, assignee: *See*—
Anthony, William C.
Wachter, Lester W.

Anthony, David S., and W. B. Blocker, assignor to Anthony Tool Company, San Antonio, Tex. Cutoff tool. 2,398,913; Apr. 23.
Anthony, Herman R. C., Madison, Wis., assignor to Ray-O-Vac Company. Leakproof dry cell. 2,399,089; Apr. 23.
Anthony, Herman R. C., and H. G. Friang, Madison, Wis., assignors to Ray-O-Vac Company. Dry cell. 2,392,795; Jan. 8.
Anthony, Leon P., assignor of one-half to M. A. Reynolds, Los Angeles, Calif. Internal-combustion engine. 2,394,738; Feb. 12.
Anthony Tool Company, The, assignee: *See*—
Anthony, David S., and Blocker.
Anthony, William C., Streator, Ill. Welder handle. 2,397,519; Apr. 2.
Anthony, William C., assignor to Anthony Company, Streator, Ill. Refuse body. 2,408,284; Sept. 24.
Antioch College, assignee, et al.: *See*—
Bean, Xarifa L.
Antoni, Ernst J., Phoenix, Ariz. Blower type of mattress renovating machine. 2,397,586; Apr. 2.
Antonidis, James E., assignor to Master Machine & Tool Company, Chicago, Ill. Jig bushing. 2,412,594; Dec. 17.
Antonson, John O., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Apparatus for treating material on propeller blades. 2,407,528; Sept. 10.
Antony, Charles, Jr., Baldwin, and E. J. Isbister, Forest Hills, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Electrical connector. 2,411,861; Dec. 3.
Antos, George, and E. Weber, New York, N. Y. Automatic clutch. 2,405,545; Aug. 13.
Antrim, Louis C., New York, N. Y., and F. Schultz, Cliffside Park, assignors to Autographic Register Company, Hoboken, N. J. Severing attachment for typewriting machines. 2,399,154; Apr. 23.
Anxionnaz, René, Paris, and R. Imbert, Mantes, France; vested in the Alien Property Custodian. Reaction propelling device for aircraft. 2,396,911; Mar. 19.
Anzalone, Ralph, Oceanside, Long Island, assignor to Aerial Products, Inc., New York, N. Y. Rocket construction. 2,397,114; Mar. 26.
Apco Mossberg Company, assignee: *See*—
Storrie, William.
Apex Electrical Manufacturing Company, The., assignee: *See*—
Kirby, James B.
Apfelbaum, Huna L., Brooklyn, N. Y., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Inhaler. 2,410,798; Nov. 12.
Apker, Le Roy: *See*—
Tonks, Lewi, and Apker.
Apparelilage Gardy S. A., assignee: *See*—
Haefelfinger, Albert.
Appel, Oscar, Paterson, N. J. System for cooling the charge flowing to an internal-combustion engine. 2,399,310; Apr. 30.
Appel, Walter D., Orchard Lake, assignor to General Motors Corporation, Detroit, Mich. Poppet valve and guide assembly. 2,411,844; Dec. 3.
Applebaum, Jacob, assignee: *See*—
Weber, William T.
Appleford Paper Products, Ltd., assignee: *See*—
Smith, Ernest.
Appleton, Arthur L., Northbrook, and C. H. Stahl, Villa Park, assignors to Appleton Electric Company, Chicago, Ill. Spinning tool. 2,410,476; Nov. 5.
Appleton Electric Company, assignee: *See*—
Appleton, Arthur I., and Stahl.
Tornblom, Nils A.
Applied Arts Corporation, assignee: *See*—
Hendricks, Cornelius.
April, Edith, assignee, et al.: *See*—
Bassist, Rudolph.
Aqua-Electric Corporation, Ltd., assignee: *See*—
Negus, Frank G.
Aqua-Sec Corporation, assignee: *See*—
Martin, Donald M.
Arant, Luther M., Southern Pines, N. C. Exposure meter. 2,394,835; Feb. 12.
Arant, Perry, assignor to Clayton Manufacturing Company, Alhambra, Calif. Burner control system. 2,405,807; Aug. 13.
Arbuthnot, Clifford E.: *See*—
Weiss, Frederick T., and Arbuthnot.
Archbold-Hagner Instrument Laboratory, Inc., assignee: *See*—
Hagner, Frederick H.
Archer, Charles E., Birmingham, assignor to Ex-Cell-O Corporation, Detroit, Mich. Sandblast tool. 2,392,897; Jan. 15.
Archer, Hugh M., Dearborn, Mich., assignor to Detroit Research Laboratories, Inc., New York, N. Y. Lighting fixture. 2,392,447; Jan. 8.
Archer, Merton T., Toledo, Ohio, assignor to The National Supply Company, Pittsburgh, Pa. Well drilling plant. 2,405,546; Aug. 13.
Archer, Thomas P.: *See*—
Cotter, Bart, Klaasen, and Archer.
Archibald, Francis M., and H. O. Mottern, Elizabeth, N. J., assignors to Standard Oil Development Company. Chlorination of saturated hydrocarbons. 2,393,509; Jan. 22.
Archibald, Frederick R., Beverly, and P. P. Alexander, Marblehead, assignors to Metal Hydrides Incorporated, Beverly, Mass. Production of metal hydrides. 2,401,326; June 4.
Archibald, Raymond C., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Dehydrogenation of hydrocarbons. 2,394,739; Feb. 12.
Archidiacano, Nicholas, Boston, Mass. Nonrefillable container. 2,400,730; May 21.
Archie, Gustave E., Houston, Tex., assignor to Shell Development Company, San Francisco, Calif. Method and apparatus for electrically logging wells. 2,400,678; May 21.
Arcularius, Charles, New Canaan, Conn., assignor, by mesne assignments, to The W. L. Maxson Corporation, New York, N. Y. Control handle. 2,397,828; Apr. 2.
Arden, Thomas R., assignor to Bard-Parker Company, Inc., Danbury, Conn. Internal-combustion engine. 2,412,195; Dec. 10.
Ardussi, Wallace F.: *See*—
Anderson, Rexford O., Landry, and Ardussi.
Arelt, Charles, Richmond Hill, N. Y., assignor to American Machine & Foundry Company. Tobacco conveyer for cigarette machines. 2,395,089; Feb. 19.
Arelt, Charles, Richmond Hill, N. Y., assignor to American Machine & Foundry Company. Wrapper sealing mechanism for packaging machines. 2,402,231; June 18.
Arena, Joseph, Brooklyn, N. Y. Lady's shoe brace. 2,401,400; June 4.
Arena, Joseph E., U. S. Army, Hammonton, N. J. Weaving apparatus. 2,411,512; Nov. 26.
Arenco Aktieboleg, assignee: *See*—
Tolmai, Gabor K.
Arens Controls Limited, assignee: *See*—
Turtle, Rupert C., and Reynolds.
Arenstein, Gilbert H., Dayton, Ohio, assignor to the United States of America, as represented by the Secretary of War. Parachute pack. 2,402,143; June 18.
Aresee Company Inc., assignee: *See*—
Chandler, Daniel L.
Arey, Fred C., and D. E. Hibner, Du Bois, Pa., assignors to Vulcan Soot Blower Corporation. Motor block cleaner. 2,393,215; Jan. 15.
Arey, Ralph G., Swampscott, Mass. Making jack plugs. 2,401,451; June 4.
Argonaut Engineering Corp., assignee: *See*—
Pamphilis, George.
Argus, Incorporated, assignee: *See*—
Harris, Clinton H.
Argyle, Christopher S.: *See*—
Olphin, Henry C., Stanley, and Argyle.
Argyle, Christopher S., Spondon, near Derby, assignor to British Celanese Limited, London, England. Cellulose acetate dyed with monoazo dyes. 2,412,312; Dec. 10.
Argyris, Stefanos, Detroit, Mich., assignor of two-fifths (forty per cent) to G. Poulis, Washington, D. C. Electric bicycle. 2,397,115; Mar. 26.
Ariens, Mando S., Brillion, Wis. Tractor and earth working combination unit. 2,402,008; June 11.
Ariens, Mando S., Brillion, Wis. Tiller frame and support. 2,402,009; June 11.
Aristo Corporation, assignee: *See*—
Weston, Bonheur M., and Beall.
Arlington Mills, assignee: *See*—
Harding, Frank E.
Arma Corporation, assignee: *See*—
Davis, Arthur P.
Davis, Arthur P., and Agins.
Davis, Arthur P., and Macomber.
Arma Engineering Co., Inc., assignee: *See*—
Agins, George.
Armacost, Wilbur H., Scarsdale, and D. M. Schoenfeld, assignors to Combustion Engineering Company, Inc., New York, N. Y. Gas turbine plant. 2,404,938; July 30.
Armagost, Harold C., Temple City, Calif. Ingrown nail correcting device. 2,405,547; Aug. 13.
Armaly, John W., Detroit, Mich. Filter pad. 2,399,158; Apr. 30.
Armandroff, Taft S.: *See*—
Yates, Edward W., and Armandroff.
Armantrout, Kenneth, Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Transmission. 2,397,587; Apr. 2.
Armathes, Joseph F., Plymouth, assignor of thirty per cent to A. Shipula, Lyndwood, Hanover Township, and thirty per cent to R. W. Goldberg, Wilkes-Barre, Pa. Volatile liquid vaporizer. 2,397,230; Mar. 26.
Armbright, Harry A., Lansdowne, Pa. Demonstration layout planner. 2,405,808; Aug. 13.
Armbrust, Christopher J., Winfield, assignor to National Pectin Products Company, Cicero, Ill. Grinding apparatus. 2,397,459; Apr. 2.
Armbruster, Frank, Waverly, and E. Stearns, Columbus, Ohio. First-aid container. 2,409,165; Oct. 15.
Armentrout, Arthur L., Long Beach, Calif. Speed control drive. 2,400,186; May 14.
Armentrout, Arthur L., Long Beach, Calif. Control system. 2,400,967; May 28.

Armington, George E., South Euclid, assignor to The Euclid Road Machinery Co., Euclid, Ohio. Booster steering device. 2,403,325; July 2.

Armington, Raymond Q., Shaker Heights, assignor to The Euclid Road Machinery Co., Euclid, Ohio. Pulley cleaning construction. 2,412,554; Dec. 17.

Armington, Stewart F., Willoughby, assignor to The Euclid Road Machinery Co., Euclid, Ohio. Frame for crawler tracks. 2,411,408; Nov. 19.

Armington, Stewart F., Willoughby, and W. F. Double, Wickliffe, assignors to The Euclid Road Machinery Co., Euclid, Ohio. Tractor-trailer hitch. 2,401,036; May 28.

Armistead, William H., Jr., assignor to Corning Glass Works, Corning, N. Y. Lead glass having low power factor. 2,393,448; Jan. 22.

Armistead, William H., Jr., assignor to Corning Glass Works, Corning, N. Y. Barium glass having low power factor. 2,393,449; Jan. 22.

Armistead, William H., Jr., assignor to Corning Glass Works, Corning, N. Y. Barium-lead glass having low power factor. 2,393,450; Jan. 22.

Armistead, William H., Jr., assignor to Corning Glass Works, Corning, N. Y. Ultraviolet absorbing glass. 2,409,412; Oct. 15.

Armitage, Joseph B., Wauwatosa, and H. L. Heywood, assignors to Hearney & Trecker Corporation, West Allis, Wis. Milling machine. 2,392,963; Jan. 15.

Armitage, Joseph B., and T. F. Eserkaln, Wauwatosa, Wis., assignors to Kearney & Trecker Corporation, West Allis, Wis. Automatic indexing mechanism. 2,392,964; Jan. 15.

Armitage, Joseph B., Wauwatosa, and O. W. Barker, Milwaukee, assignors to Kearney & Trecker Corporation, West Allis, Wis. Machine tool transmission and control mechanism. 2,407,913; Sept. 17.

Armour and Company, assignee: *See*—
Corley, Hoyt M.
Josh, George.
Lloyd, Katherine, and Keil.
Potts, Ralph H.
Ralston, Anderson W., Crews, and Colt.
Ralston, Anderson W., and Turinsky.
Sickrd, Robert H.
Smith, Albert M. and R. W., and Zeigler.

Armour, George L., assignor to American Aniline Products, Inc., New York, N. Y. Dye developer. 2,403,900; July 16.

Armour Research Foundation, assignee: *See*—
Camras, Marvin.

Arms, Merton H., and L. J. Barnard, assignors to Bryant Chucking Grinder Company, Springfield, Vt. Grinding machine. 2,410,038; Oct. 29.

Armstrong Blum Manufacturing Company, assignee: *See*—
Blum, George J.

Armstrong-Bray & Co., assignee: *See*—
Ogard, Helmer.

Armstrong Cork Company, assignee: *See*—
Abbott, Boyd R.
Alley, Richards.
King, Ellis G.
McCarvey, Alan R.
Paschke, Herbert and Wiley.
Weber, Karl H.

Armstrong, Earl, assignee: *See*—
Beck, Charles J.

Armstrong, Edward R., Overbrook, Pa. Submersible seadrome. 2,399,611; May 7.

Armstrong, Edward R., Philadelphia, Pa. Float. 2,399,656; May 7.

Armstrong, George C., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control system. 2,397,116; Mar. 26.

Armstrong, George C., Forest Hills, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Overload relay. 2,399,311; Apr. 30.

Armstrong, George C., Forest Hills, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Thermostatic overload relay. 2,404,352; July 23.

Armstrong, George C., Forest Hills, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Rotor type contactor. 2,408,185; Sept. 24.

Armstrong, George C., Forest Hills, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Overload relay. 2,411,351; Nov. 19.

Armstrong, George C., Forest Hills, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Cutout. 2,411,352; Nov. 19.

Armstrong, George C., Wilkinsburg, assignor to Westinghouse Electric Corporation, Pittsburgh, Pa. Thermostatic relay. 2,412,854; Dec. 17.

Armstrong, George M., Grand Rapids, assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,413,597; Dec. 31.

Armstrong, Henry H., Westbrook, Tex. Track lifter and shifter. 2,392,717; Jan. 8.

Armstrong, James F., Plainfield, N. J. Carburetor. 2,397,520; Apr. 2.

Armstrong, Leonard J.: *See*—
Bock, L. H., Johnson, and Armstrong.

Armstrong, Malcolm: *See*—
Annett, Charles E., 2nd.

Armstrong, Nannie C., Corvallis, Oreg. Mattress cover. 2,400,731; May 21.

Armstrong, Robert E., Ottumwa, Iowa, assignor to Remington Arms Company, Inc., Bridgeport, Conn. Feed mechanism. 2,394,836; Feb. 12.

Armstrong, Robert W.: *See*—
Dye, Glen M., Sardeson, and Armstrong.

Armstrong Siddeley Motors Limited, assignee: *See*—
Clark, Thomas, and Fellows.
Clark, Thomas, and Lindsey.
Clark, Thomas, Windsor, and Hart.
Heppner, Fritz A. M.
Willis, Henry P.

Armzen Company, assignee: *See*—
Sendzimir, Tadeusz.

Arndt, Donald G., San Bruno, and S. K. Holt, Sacramento, Calif., assignors to Shell Development Company, San Francisco, Calif. Liquefied gas handling system. 2,400,037; May 7.

Arndt, Stanley, assignee: *See*—
Berzer, Maurice.

Arne, Christian, Chicago, Ill. Automatic lock gate. Re. 22,745; Apr. 23.

Arnold, Alex W., La Crosse, Wis. Material treating apparatus. 2,395,090; Feb. 19.

Arnold, Bernard, Laurel, Md. Collapsible bottle carrier. 2,395,711; Feb. 26.

Arnold Brilhart Ltd., assignee: *See*—
Brilhart, Arnold.

Arnold, Edwin E., Pittsburgh, Pa., and V. M. White, Washington, D. C., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Marine friction coupling. 2,393,010; Jan. 15.

Arnold, Eugene S., Cleveland, Ohio. Valve. 2,401,129; May 28.

Arnold, George B., Beacon, assignor to The Texas Company, New York, N. Y. Manufacture of aromatic hydrocarbons. 2,399,780; May 7.

Arnold, George B., Beacon, assignor to The Texas Company, New York, N. Y. Manufacture of toluene. 2,399,781; May 7.

Arnold, George B., Beacon, assignor, by mesne assignments, to The Texas Company, New York, N. Y. Conversion of hydrocarbons. 2,400,732; May 21.

Arnold, George B., Beacon, assignor, by mesne assignments, to The Texas Company, New York, N. Y. Separation of aromatic hydrocarbons from hydrocarbon mixtures. 2,400,802; May 21.

Arnold, George B., Glenham, and H. V. Atwell, Beacon, assignors to The Texas Company, New York, N. Y. Solvent extraction. 2,401,852; June 11.

Arnold, George B., and H. V. Atwell, Beacon, assignors to The Texas Company, New York, N. Y. Separation of sulphur and aromatic compounds from oil. 2,402,799; June 25.

Arnold, Gerald D., Wauwatosa, Wis. Closed hammer mill circuits. 2,400,382; May 14.

Arnold, Harmon W., South Bend, Ind. Forming frangible explosive containers and the product so produced. 2,411,862; Dec. 3.

Arnold, Harold A., assignor to The University of Tennessee Research Corporation, Knoxville, Tenn. Hose pump. 2,406,485; Aug. 27.

Arnold, Harold W., Marshallton, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Copolymerization of asymmetrical dihalogenated ethylenes. 2,404,779; July 30.

Arnold, Harold W., Marshallton, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Trichloroethylene copolymers. 2,408,402; Oct. 1.

Arnold, Harold W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Conjoint polymerization of vinyl chloride with fumaric esters. 2,404,780; July 30.

Arnold, Harold W., Wilmington, Del., M. M. Brubaker, Boothwyn, Pa., and G. L. Dorough, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Vinyl polymers. 2,404,781; July 30.

Arnold, Herrick R., Brandywine Hundred, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical compounds and processes. 2,402,589; June 25.

Arnold, Herrick R., Brandywine Hundred, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical compounds and processes. 2,402,590; June 25.

Arnold, Hoffman & Co., Incorporated, assignee: *See*—
Morgan, Willard L.
Morgan, Willard L., and McLeod.

Arnold, James C.: *See*—
Hunter, Frank B., and Arnold.

Arnold, James S., Los Angeles, Calif. Polyphase vibratory device. 2,401,600; June 4.

Arnold, Melvin R., assignor to The Girdler Corporation, Louisville, Ky. Preferential absorption of hydrocarbons. 2,395,529; Feb. 26.

Arnold, Mervin V., Clay, N. Y., and J. W. Napier, Macon, Ga. Apparatus for applying tread material to tire casings. 2,407,806; Sept. 17.

Arnold, Orlan M., Troy, N. Y. High-frequency shielding. 2,405,987; Aug. 20.

Arnold, Stanfield N., Brooklyn, assignor to Foster Wheeler Corporation, New York, N. Y. Joint. 2,413,308; Dec. 31.

Arnot, Alfred, Warrington, England, assignor to Aeronautical & Mechanical Investments Limited. Electrically operated distant-control device. 2,408,543; Oct. 1.

Arnot, Alfred, Warrington, England, assignor to Aeronautical & Mechanical Investments Limited. Electric switch sensitive to small operating movements. 2,408,901; Oct. 8.

Arnott, Edward G. F.: *See*—
Slack, Charles M., and Arnott.

Arnott, Edward G. F., Upper Montclair, and C. E. Dawley, Bloomfield, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Series spark gap device. 2,411,241; Nov. 19.

Arnott, Gerald C.: *See*—
Dorothea, Gale, and Arnott.

Aro Equipment Corporation, The, assignee: *See*—
Fitch, Clifford E.
Ginter, Charles W.
Glanz, Sjunne W., and Tidd.
Shearman, Spicer D.

Aron, M., et al., assignee: *See*—
Blomgren, Walter R.

Aronek, Max, New York City, N. Y. Illuminating compact. 2,392,516; Jan. 8.

Aronson, Charles N., Niagara Falls, N. Y. Internal-combustion engine. 2,394,970; Feb. 19.

Arotzky, Abraham, Newark, N. J. Clothesline. 2,392,566; Jan. 8.

Arpin, Helen G.: *See*—
Arpin, Leonard G. and H. G.

Arpin, Leon G., assignee, et al.: *See*—
Neumann, Henry T.

Arpin, Leonard G. and H. G., Montclair, N. J. Undergarment. 2,408,723; Oct. 8.

Arps, Bruno F. and F. B., assignors to Arps Corporation, New Holstein, Wis. Loading attachment for tractors. 2,391,857; Jan. 1.

Arps Corporation, assignee: *See*—
Arps, Bruno F. and F. B.
Arps, Frederick B.

Arps, Frederick B.: *See*—
Arps, Bruno F. and F. B.

Arps, Frederick B., assignor to Arps Corporation, New Holstein, Wis. Dump scoop attachment for tractors. 2,398,991; Apr. 23.

Arpurth, Charles, Demarest, N. J., assignor to Ford Instrument Company, Inc., Long Island City, N. Y. Armature winding mechanism. 2,394,529; Feb. 12.

Arrow-Hart & Hegeman Electric Company, The, assignee: *See*—
Bentley, Robert H.
Schleicher, Harold E.

Arsenault, Joseph A., Mexico, Maine. Combination ski and snowshoe. 2,410,702; Nov. 5.

Art Specialty Co., assignee: *See*—
Fiori, Irving.

Art Metal Construction Company, assignee: *See*—
Wells, Roy E.

Arters, Edward T., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control system. 2,393,949; Feb. 5.

Arterton, Alfred W.: *See*—
Cotchett, Louis M., Campbell, Stange, and Arterton.

Arthur, James L., and R. M. Williams, Indianapolis, Ind., assignors to General Motors Corporation, Detroit, Mich. Cooling system for aircraft engines. 2,411,845; Dec. 3.

Arthur, John, Camborne, England. Pneumatic tool. 2,398,992; Apr. 23.

Arthur, Wilbur M.: *See*—
Davis, Cecil B., and Arthur.

Arveson, Maurice H., Flossmoor, assignor to Standard Oil Company, Chicago, Ill. Revivifying adsorptive material. 2,409,234; Oct. 15.

Arvey Corporation, assignee: *See*—
Roach, Earl M.

Arzt, Louis, Bronx, N. Y. Chair bed. 2,407,864; Sept. 17.

Artzt, Maurice, Princeton, N. J., assignor to Radio Corporation of America. Oscillation generator. 2,396,224; Mar. 12.

Artzt, Maurice, Haddonfield, N. J., assignor to Radio Corporation of America. Synchronizing system. 2,398,688; Apr. 16.

Artzt, Maurice, Haddonfield, N. J., assignor to Radio Corporation of America. Synchronizing device. 2,399,421; Apr. 30.

Arveson, Maurice H., Flossmoor, assignor to Standard Oil Company, Chicago, Ill. Catalytic conversion process. 2,398,489; Apr. 16.

Arveson, Maurice H., Flossmoor, assignor to Standard Oil Company, Chicago, Ill. Production of dust coated materials. 2,399,717; May 7.

Arveson, Maurice H., Flossmoor, assignor to Standard Oil Company, Chicago, Ill. Sludge coking. 2,412,667; Dec. 17.

Arvey Corporation, assignee: *See*—
Roach, Earl M.
Rudy, William D.
Shaeffer, Harvey E.

Arvidson, Paul W., Needles, Calif. Mining native copper. 2,404,206; July 16.

Arvin, Marion J., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Variable resistance device. 2,401,037; May 28.

Arvins, Nathan A., and A. A. Arvintz, Brooklyn, N. Y., assignors to Blazel Corporation. Preheater. 2,396,235; Mar. 12.

Arvintz, Abraham A.: *See*—
Arvins, Nathan A., and Arvintz.

Asbury, Willard C., Colonia, and M. W. Swaney, Linden, N. J., assignors to Standard Oil Development Company. Removal of alpha acetylenes. 2,401,896; June 11.

Asch, Abraham B., Jersey City, N. J., assignor to C. E. Fraser, New York, N. Y. Filter bed leveling or scraping means. 2,396,769; Mar. 19.

Aschenbrener, Rudolph A., assignor to The Triple Insulaire Company, Milwaukee, Wis. Bowling pin setting indicator. 2,408,592; Oct. 1.

Asdell, Bernard K.: *See*—
Barrett, William H., and Asdell.

Asesco Aktiebolag, assignee: *See*—
Von Segebaden, Ernst, and Osterdahl.

Ash, Charles S., Milford, Mich. Dual wheel assembly. 2,392,627; Jan. 8.

Ash, Charles S., Milford, Mich. Wheel. 2,397,719; Apr. 2.

Ash, Charles S., Milford, Mich. Dual wheel vehicle. 2,398,348; Apr. 16.

Ash, Charles S., Milford, Mich. Dual wheel assembly. 2,398,349; Apr. 16.

Ash, Harry K., Cincinnati, Ohio, assignor to Interchemical Corporation, New York, N. Y. Removable coating composition. 2,404,353; July 23.

Ashbaugh, Bernard D.: *See*—
Youngblood, Don C., and Ashbaugh.

Ashbaugh, Bernard D., Mount Gilead, Ohio, assignor to The Hydraulic Development Corp., Inc., Wilmington, Del. Plastic slug forming and feeding mechanism. 2,404,559; July 23.

Ashbaugh, Bernard D., Mount Gilead, Ohio, assignor to H-P-M Development Corporation, Wilmington, Del. Booster ram adjustment. 2,404,611; July 23.

Ashbaugh, Bernard D., Mount Gilead, Ohio, assignor to The Hydraulic Development Corp., Inc., Wilmington, Del. Hydraulic device for injection or extrusion machines. 2,408,285; Sept. 24.

Ashbaugh, Bernard D., Mount Gilead, Ohio, assignor to H-P-M Development Corporation, Wilmington, Del. Booster ram construction. 2,410,001; Oct. 29.

Ashbaugh, Robert P., and A. G. Hall, Westfield, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Method of and apparatus for producing stranded cables. 2,412,196; Dec. 10.

Ashby, Carl T., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Two temperature evaporator for inert gas type absorption refrigerators. 2,407,733; Sept. 17.

Ashby, Ernest J., Indianapolis, Ind. Retort type oil burner. 2,409,095; Oct. 8.

Ashenden, Ernest W., assignor to Wm. Bros. Boiler & Manufacturing Co., Minneapolis, Minn. Rigging for handling drums and barrels. 2,413,280; Dec. 31.

Ashenfelter, William, Swanton, Ohio. Scaffold horse. 2,410,330; Oct. 29.

Asher, Marie, Chicago, Ill. Infant's wrapper. 2,399,782; May 7.

Asher, William J., Colorado Springs, Colo. Laundry machine. 2,407,125; Sept. 3.

Asher, William J., Colorado Springs, Colo., assignor to The Prosperity Company, Inc., Syracuse, N. Y. Ironing machine. 2,394,421; Feb. 5.

Ashford, Jack, Jackson Heights, N. Y. Hair curler. 2,410,144; Oct. 29.

Ashford, John D., Scotland Neck, N. C. Photographic recording apparatus. 2,394,225; Feb. 5.

Ashkenas, Irving L., Los Angeles, assignor to Northrop Aircraft, Inc., Hawthorne, Calif. Roll control for airplanes. 2,402,118; June 18.

Ashley, Carlyle M., assignor to Carrier Corporation, Syracuse, N. Y. Defrosting arrangement. 2,392,628; Jan. 8.

Ashley, Kenneth D., Noroton, and A. O. Jaeger, Greenwich, Conn., assignors to American Cyanamid Company, New York, N. Y. Manufacture of catalysts. 2,411,820; Nov. 26.

Ashlock, George W., Jr., Oakland, Calif. Article orientation. 2,406,311; Aug. 27.

Ashlock, George W., Jr., Oakland, Calif. Pitting machine. 2,406,736; Sept. 3.

Ashlock, George W., Jr., Oakland, Calif. Pitting fruit. 2,407,126; Sept. 3.

Ashmore, Stanley Arthur, and E. E. Penny, London, England. Production of xylene and toluene and other light coal tar oils. 2,395,161; Feb. 19.

Ashpes, Max, New York, N. Y. Outboard motor convertible for boats or bicycles. 2,392,567; Jan. 8.

Ashton, Albert A., Houston, Tex., assignor to Emsco Derrick & Equipment Company, Los Angeles, Calif. Drive for triplex pumps. 2,407,392; Sept. 10.

Ashton, Benjamin N., assignor to Electrol Incorporated, Kingston, N. Y. Automatic cutoff pump. 2,405,006; July 30.

Ashton, Benjamin N., assignor to Electrol Incorporated, Kingston, N. Y. Metal bellows accumulator. 2,411,315; Nov. 19.

Ashton, Benjamin N., Kingston, and N. G. Kling, Great Neck, assignors to Electrical Incorporated, New York, N. Y. Fluid actuated lock cylinder. 2,393,962; Feb. 5.

Ashton, Benjamin N., Kingston, and N. G. Kling, Great Neck, assignors to Electrol Incorporated, Kingston, N. Y. Unloader valve. 2,397,117; Mar. 26.

Ashton, Benjamin N., and E. V. Barkow, assignors to Electrol Incorporated, Kingston, N. Y. Control unit and dump valve. 2,406,524; Aug. 27.

Ashurst, Julian, Westmoreland, Calif. Queen bee shipping and introducing cage. 2,403,840; July 9.

Ashworth, Fred, Wenham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Splitting machine. 2,393,730; Jan. 29.

Ashworth, Fred, Wenham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Sewing machine. 2,399,159; Apr. 30.

Ashworth, Fred, Wenham, and C. F. Whitaker, Beverly, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J. Shoe sewing machine. 2,397,588; Apr. 2.

Ashworth, Handel, Baldwin, N. Y. Tapping and threading machine. 2,403,484; July 9.

Ashworth, Robert W., assignor to Hughes Tool Company, Houston, Tex. Treating cutter teeth. 2,407,642; Sept. 17.

Asiatic Petroleum Company, Limited, The: *See*—
Lubbock, Isaac, Gollin, Lindsay, and Poole.

Askania Regulator Company, assignee: *See*—
Glass, Paul.
McCracken, James D.
Zieholz, Herbert.
Zieholz, Herbert, McCracken, and Gundersen.

Askeliff, Eric E. A., and N. Svartz, Stockholm, and H. C. Willstaedt, Uppsala, assignors to Aktiebolaget Pharmacia, Stockholm, Sweden. Heterocyclic sulphonamido azo compounds. 2,396,145; Mar. 5.

Askin, Robert W., Ismay, Mont. Hackamore bit. 2,413,426; Dec. 31.

Askue, Albert R., Mentor, assignor to The Cleveland Trencher Company, Cleveland, Ohio. Rooter for excavators. 2,397,521; Apr. 2.

Aspin, Frank M., Bury, England. Bearing surface for tapered rotary valves of engines and pumps. 2,403,165; July 2.

Aspin, Frank M., Bury, England. Driving means for rotary valves of internal-combustion engines, compressors and the like. 2,407,127; Sept. 3.

Aspinook Corporation, The, assignee: *See*—
Carlsen, Viggo, and Heinrich.
Carlsen, Viggo, Heinrich, and Ballou.

Associated Development & Research Corporation, assignee: *See*—
Wallach, Robert S.

Associated Patentees, Inc., assignee: *See*—
Barton, Alwyn E.

Associated Spring Corporation, assignee: *See*—
Lewis, James E.
Zetnick, Paul F.

Astatic Corporation, The, assignee: *See*—
Collins, Stephen B.
Coulter, Kenneth L.

Aston, Earl F., South Charleston, W. Va. Core drill. 2,412,939; Dec. 24.

Aston, Taggart, Los Angeles, Calif. Floatable substructural caissons and the like. 2,396,226; Mar. 12.

Astroff, Leon, Montreal, Quebec, Canada. Pyrophoric lighter. 2,393,451; Jan. 22.

Astrup, William V.: *See*—
Young, Fred M., and Astrup.

Atchison, Leonard W., Schenectady, N. Y., assignor to General Electric Company. Refrigerating apparatus. 2,405,392; Aug. 6.

Ateliers Neyret-Beylier & Piccard-Pictet (Societe Anonyme), assignee: *See*—
Dunel, Pierre F.

Atha, Hattie B., Akron, Ohio. Scraper utensil. 2,410,192; Oct. 29.

Atherton, Archie P., Glendale, Calif. Parachute. 2,392,448; Jan. 8.

Atkins, Carl E., Evanston, Ill., assignor to Tung-Sol Lamp Works, Inc., Newark, N. J. Secret signaling system. 2,404,354; July 23.

Atkins, Carl E., Evanston, Ill., assignor to Tung-Sol Lamp Works, Inc., Newark, N. J. Secret signaling system. 2,404,355; July 23.

Atkins, Carl E., Evanston, Ill., assignor to Tung-Sol Lamp Works, Inc., Newark, N. J. Secret signaling system. 2,404,356; July 23.

Atkins, George T., Jr., Highlands, Tex., assignor to Standard Oil Development Company. Batch distillation. 2,405,393; Aug. 6.

Atkinson, George: *See*—
Pechukas, Alphonse, and Atkinson.

Atlantic Coast Fisheries Company, The, assignee: *See*—
Hunt, William H.
Savrda, Charles M.

Atlantic Refining Company, assignee: *See*—
Chechot, Vladimir L., and Howe.

Atlantic Refining Company, The, assignee: *See*—
Barbour, Carroll B.
Chechot, Vladimir L.
Ferris, Seymour W.
Griesinger, William K.
Griesinger, William K., and Engelking.
Hersberger, Arthur B.
Hersberger, Arthur B., and Thompson.
Taylor, Robert C.

Atlas, Arthur, Leicester, England. Manufacture of shoes. 2,396,485; Mar. 12.

Atlas Powder Company, assignee: *See*—
Bonner, Rowland E., and Brewster.
Djidics, Alexander.
Goepp, Rudolph M., Jr.
Griffin, William C.
Hill, Roy L.
Huyett, Daniel D., and Fletcher.
Huyett, Daniel D., and Pollock.
Pratt, Carl D., and Farr.

Atticks, Kelsey C., Newton, Mass. Copy holder. 2,401,811; June 11.

Attinger, Alvin J.: *See*—
Schmitt, Joy B., and Attinger.

Attwood, Charles W., Wayne, Mich. Drying oven. 2,405,631; Aug. 13.

Attwood, John G., Oak Park, assignor to Union Special Machine Company, Chicago, Ill. Sewing machine. 2,395,653; Feb. 26.

Atwater, Harry A., assignor to Combustion Equipment Company, Kansas City, Mo. Flame contact unit for burner control systems. 2,396,146; Mar. 5.

Atwell, Clarence A.: *See*—
Moses, Graham L., and Atwell.

Atwell, Clarence A., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control system. 2,393,011; Jan. 15.

Atwell, Clarence A., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control system. 2,393,012; Jan. 15.

Atwell, Clarence A., Wilkinsburg, and N. H. Willby, Westmoreland, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Commutator cap construction. 2,400,968; May 28.

Atwell, Harold V.: *See*—
Arnold, George B., and Atwell.

Atwell, Harold V., Beacon, N. Y., and D. Eastman, Port Arthur, Tex., assignors, by mesne assignments, to The Texas Company, New York, N. Y. Separation of aromatic hydrocarbons from hydrocarbon mixtures. 2,403,485; July 9.

Atwell, Harold V., Beacon, assignor to The Texas Company, New York, N. Y. Catalyst manufacture. 2,408,187; Sept. 24.

Atwell, Harold V., Beacon, assignor, by mesne assignments, to The Texas Company, New York, N. Y. Continuous process for effecting catalytic reactions. 2,409,235; Oct. 15.

Atwell, Harold V., Beacon, and H. H. Gross, Pleasantville, assignors to The Texas Company, New York, N. Y. Catalytic conversion of hydrocarbons. 2,408,186; Sept. 24.

Atwood, Francis C., Newton, Mass., assignor, by mesne assignments, to National Dairy Products Corporation, New York, N. Y. Forming polymers of alkyl acrylate and resulting product. 2,400,477; May 21.

Atwood, Francis C., Newton, Mass., assignor, by mesne assignments, to National Dairy Products Corporation, New York, N. Y. Treating synthetically shaped protein base materials. 2,408,026; Sept. 24.

Atwood, Francis C., Newton, Mass., assignor to National Dairy Products Corporation, New York, N. Y. Treating synthetic proteinaceous fibers. 2,408,027; Sept. 24.

Atwood, Francis C., Newton, and H. A. Hill, Cambridge, Mass., assignors, by mesne assignments, to National Dairy Products Corporation, New York, N. Y. Producing elastic polymer. 2,398,350; Apr. 16.

Atwood, Horace, Jr., Belleville, assignor to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Linear time base sweep generator. 2,410,920; Nov. 12.

Atwood, John B., Riverhead, N. Y., assignor to Radio Corporation of America. Circuit for removing noise. 2,398,490; Apr. 16.

Atwood, John B., Riverhead, N. Y., assignor to Radio Corporation of America. Antenna. 2,401,601; June 4.

Atwood, Norman R., St. Johnsbury, Vt. Binder for containing a textbook and note sheets. 2,406,785; Sept. 3.

Atwood Vacuum Machine Company, The, assignee: *See*—
Miller, Kay.
Thelander, W. Vincent, De Coursey, Bechman, and Henning.

Atwood, Wilfrid L.: *See*—
Smith, Horace L., Jr., Conley, and Atwood.

Atzberger, Frank X., Ridgefield Park, N. J. Water heater. 2,396,810; Mar. 19.

Aubert, Fred B., Grosse Pointe, Mich. Ignition controlling means. 2,406,185; Aug. 20.

Aubert, Fred B., Grosse Pointe, Mich. Electron tube circuit. 2,411,078; Nov. 12.

Aubertin, Ovila J., Matachewan, Ontario, Canada. Fishing rod and reel. 2,410,331; Oct. 29.

Auburn Button Works, Inc., assignee: *See*—
Cook, Herbert A., Jr.

Audrieth, Ludwig F., Dover, N. J. Igniting composition. 2,410,801; Nov. 12.

Auer, George A., Chicago, Ill. Stream current apparatus for mixing materials. 2,391,858; Jan. 1.

Auer, Laszlo, South Orange, N. J. Treatment of bituminous material. 2,396,669; Mar. 19.

Auer, Laszlo, South Orange, N. J. Modifying fatty oils. 2,396,670; Mar. 19.

Auer, Laszlo, South Orange, N. J. Rosin treatment. 2,396,671; Mar. 19.

Auer, László, South Orange, N. J. Treating styrene. 2,403,962; July 16.

Auer, László, South Orange, N. J. Waxes. 2,406,336; Aug. 27.

Auer, László, South Orange, N. J. Modification of fatty oils. 2,406,337; Aug. 27.

Auer, László, South Orange, N. J. Rosin treatment. 2,406,338; Aug. 27.

Auer, Laszlo, South Orange, N. J. Modification of alkyd resins. 2,410,418; Nov. 5.

Auer, Laszlo, South Orange, N. J. Sulfur-treated varnish bases. 2,413,281; Dec. 31.

Auerbach, Abraham, assignor to F. N. Burt Company, Inc., Buffalo, N. Y. Cosmetic container. 2,394,961; Feb. 12.

Auerbach, Abraham, North Hollywood, Calif., assignor of one-third to S. Lebowitz, Washington, D. C. Mattress construction. 2,412,953; Dec. 24.

Auerbach, Maurice J., Cleveland Heights, assignor to Standard Vendors, Inc., Cleveland, Ohio. Vending machine. 2,399,612; May 7.

Auerbacher, Werner F.: *See*—
Paradise, Lionel P., and Auerbacher.

Auerhaan, Alfred B., Brooklyn, N. Y. Universal splint. 2,394,653; Feb. 12.

Aufderhar, Arthur W.: *See*—
Groene, William F., and Aufderhar.

Auflero, John M., Plandome, assignor to E. A. Laboratories, Inc., Brooklyn, N. Y. Combined electric heater and air circulator. 2,408,286; Sept. 24.

Auger, Henry F., assignor of one-half to L. H. Peters, Medford, Mass. Combined envelope and writing sheet. 2,410,858; Nov. 12.

Augsburger, Dale: *See*—
Jack, Delbert E., and Augsburger.

Augustine, Cecil V., Maricopa County, Ariz. Coupling sleeve puller. 2,399,312; Apr. 30.

Aukers, Albert J., assignor to Victor Manufacturing & Gasket Company, Chicago, Ill. Cylinder head gasket. 2,395,243; Feb. 19.

Aukland, Olav, New York, N. Y. Adjustable staging. 2,406,786; Sept. 3.

Aulenback, Robert L., Shrewsbury, Mass. Safety device for stamping presses. 2,413,282; Dec. 31.

Aurex Corporation, assignee: *See*—
Cubert, Joseph R.

Aurien, Ray G.: *See*—
Peycke, Armand H., and Aurien.

Ausherman, Harry S., Wichita, Kans. Chain tightening means. 2,409,526; Oct. 15.

Auslander, Henry, and I. M. Krischer, Brooklyn, N. Y. Closure fastener device. 2,402,939; July 2.

Austin, Bascum O., Lima, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Cylinder and piston. 2,392,449; Jan. 8.

Austin, Bascum O., Lima, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electrical apparatus. 2,393,950; Feb. 5.

Austin, Bascum O., Lima, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Regulator. 2,393,951; Feb. 5.

Austin, Bascum O., Lima, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electrical apparatus. 2,393,952; Feb. 5.

Austin, Bascum O., Lima, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Motor control system. 2,397,078; Mar. 26.

Austin, Bascum O., Lima, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Regulator. 2,408,188; Sept. 24.

Austin, Dwight E., Kent, Ohio, assignor to General Motors Corporation, Detroit, Mich. Coach body. 2,405,394; Aug. 6.

Austin, Edwin C., trustee, et al.: *See*—
Geiger, William A.

Austin, Ellsworth W.: *See*—
Choate, Roy E., and Austin.

Austin, Ellsworth W., assignor to La Plant-Choate Manufacturing Co., Inc., Cedar Rapids, Iowa. Excavator. 2,395,244; Feb. 19.

Austin, Ellsworth W., assignor to La Plant-Choate Manufacturing Company, Incorporated, Cedar Rapids, Iowa. Pusher arm rear-end mounting for earth movers. 2,398,407; Mar. 12.

Austin, Harley O., Pheonix, Ariz. Engine lifting harness. 2,412,488; Dec. 10.

Austin, Harold S., Dallas, Tex. Hypodermic syringe. 2,409,656; Oct. 22.

Austin Motor Company Limited, The, assignee: *See*—
Charles, Hubert N.

Austin-Western Company, assignee: *See*—
Benbow, James D., and Sines.

Auston, Donald D., assignor to National Broach & Machine Company, Detroit, Mich. Gear finishing. 2,392,803; Jan. 15.

Auten, Jay C.: *See*—
Baird, Donald A., and Auten.

Auten, Robert W., Jenkintown, and J. L. Rainey, Abington, assignors to The Resinous Products & Chemical Company, Philadelphia, Pa. Resinous compositions and process of making same. 2,407,599; Sept. 10.

Auten, Robert W., Jenkintown, and D. S. Herr, assignors to The Resinous Products & Chemical Company, Philadelphia, Pa. Process of sorbing ions. 2,412,855; Dec. 17.

Auto Specialties Manufacturing Company, assignee: *See*—
Mueller, Joseph J.

Autogiro Company of America, assignee: *See*—
Campbell, Harris S.
Larsen, Agnew E.
Pitcairn, Harold F.
Stanley, Paul H.

Autographic Register Company, assignee: *See*—
Antrim, Louis C., and Schultz.
Johnson, Arthur A.

Automatic Burner Corporation, assignee: *See*—
Fortis, Oscar.

Automatic Canteen Company of America, assignee: *See*—
Thompson, Ernest H., Lockhart, and Wolf.

Automatic Control Corp., assignee: *See*—
Bower, George D.
Newman, Eric P.
Rodgers, James A.
Yelda, John O.

Automatic Electric Laboratories, Inc., assignee: *See*—
Baker, George T.
Burgener, Karl L.
Crabtree, Leonard F., and Markey.
Droel, Louis W.
Gillings, Charles, and Beale.
Gillings, Charles, Beale, and Terroni.
Gillings, Charles, and Murray.
Grandstaff, Otho D.
Herrick, Roswell H.
Horlacher, Albert F.
Kessler, Frank.
King, Raymond B., and Huffman.
Kucera, Barney J.
Mackenzie, John F.
Mullerheim, Kurt.
Obergfell, Herbert F.
Ostline, John E.
Peterson, Edward S.
Pye, Harold C.
Ray, Arthur J.
Rice, Thomas G.
Riehe, Theodore C.
Roseby, Philip N., and Mackenzie.
Taylor, Reginald, and Baker.
Taylor, Reginald, Baker, and Corner.
Voss, John H.
Willis, Bernard D.
Woodruff, Albert E.
Wood, Fredric E.

Automatic Hinge Co., The, assignee: *See*—
Burton, Robert A.

Automatic Locking Devices Incorporated, assignee: *See*—
Spraragen, Louis.

Automatic Products Company, assignee: *See*—
Boerner, Arthur R.

Automatic Pump & Softener Corporation, assignee: *See*—
Whitlock, Fred W.

Automatic Shifters, Inc., assignee: *See*—
Ingres, Jeannot G.

"Automatic" Sprinkler Company of America, assignee: *See*—
Rider, Harry N.

Automatic Telephone & Electric Company Limited: *See*—
Cowley, Percy E. A., and Walls.

Automatic Voting Machine Corporation, assignee: *See*—
Gustavson, Alvin N.

Automotive Maintenance Machinery Co., assignee: *See*—
Mitchell, Wallace F.

Automotive Products Company, Limited, assignee: *See*—
Andrews, Vernon R.
Brock, William H. J.
Chownings, Leslie C.
Fischer, Reginald J., and Brock.
McCarty, Lourdes V.
Raitch, Alexander J.
Simpson, John K.
Thornhill, Peter W.

Autophon Aktiengesellschaft Soleure, assignee: *See*—
Tschumi, Otto.

Autopoint Company, assignee: *See*—
Beckstrom, Garfield L.

Autopulse Corporation, assignee: *See*—
Eldred, Andrew J.

Autoxygen Inc., assignee: *See*—
Kokatnur, Vaman R.

Autry, James A.: *See*—
Compton, Henry P., and Autry.

Auyer, Earl L.: *See*—
Warner, Donald F., and Auyer.

Aveling Barford Limited, assignee: *See*—
Henderson, Wallace M.

Avera, Fitzhugh L.: *See*—
Rosefield, Joseph L., and Avera.

Avery, S. F., & Sons Company, assignee: *See*—
Simpson, William F.

Avery, Harold T., Oakland, Calif., assignor to Marchant Calculating Machine Company. Automatic counter reverse mechanism. 2,393,019; Jan. 15.

Avery, Howard W.: *See*—
Boynton, Erwin R., and Avery.

Avery, Julian M., Shaker Heights, Ohio, and L. F. Marek, Lexington, assignors to Arthur D. Little, Inc., Cambridge, Mass. Making carbon bisulphide. 2,392,629; Jan. 8.

Avery, Robert C., Jackson Heights, N. Y., assignor to American Telephone and Telegraph Company. Telephone system. 2,397,829; Apr. 2.

Avery, W. & T., Limited, assignee: *See*—
Pape, Alfred E.

Avery, William H., Houston, Tex. Spectrometer prism mounting. 2,412,940; Dec. 24.

Aviation Corporation, The, assignee: *See*—
Carpenter, John H.
Faust, William S., and Lavo.
Gilliard, Ernest T.
Kratzer, Blair S.
Moyer, Harris P.
Tyler, John M., and Hoffman.

Avila, Frank W., Columbia City, Ind., assignor to International Harvester Company. Power transmission device. 2,410,921; Nov. 12.

Avis, Harlette M., administratrix: *See*—
Avis, Samuel W.

Avis, Samuel W., deceased, by H. M. Avis, administratrix, Wellesley, Mass., assignor to The Reece Corporation. Sewing machine. 2,405,871; Aug. 13.

Avison, Anthony W. d'A., F. Bergel, and J. W. Haworth, assignors to Roche Products Limited, Welwyn Garden City, England. Manufacture of substituted derivatives of 3-ketotetrahydrothiophene. 2,399,974; May 7.

Avison, Anthony W. D., F. Bergel, and J. W. Haworth, assignors to Roche Products Limited, Welwyn Garden City, England. Manufacture of 4-keto-tetrahydrothiophenes. 2,408,519; Oct. 1.

Awiszus, Edward A., Detroit, Mich. Folding bed structure. 2,396,550; Mar. 12.

Ax, Helene, New York, N. Y. Breast support. 2,406,576; Aug. 27.

Axe, William N.: *See*—
Schulze, Walter A., and Axe.

Axe, William N., Bartlesville, Okla., assignor to Phillips Petroleum Company. Alkenylation process. 2,403,963; July 16.

Axe, William N., Bartlesville, Okla., assignor to Phillips Petroleum Company. Production of aromatic derivatives. 2,404,120; July 16.

Axe, William N., Bartlesville, Okla., assignor to Phillips Petroleum Company. Alkylation process. 2,404,897; July 30.

Axe, William N., Bartlesville, Okla., assignor to Phillips Petroleum Company. Reaction of aromatic hydrocarbons with normally gaseous unsaturated hydrocarbons. 2,412,595; Dec. 17.

Axnix, Eugene J., assignor of fifteen percent to Dan Preger, fifteen percent to David Preger, and fifteen percent to E. Kuzmich, South Bend, Ind. Mail box. 2,407,128; Sept. 3.

Aycock, John A., Rock Hill, S. C., assignor to Rock Hill Printing & Finishing Company. Slitting machine. 2,400,527; May 21.

Aycock, Walter F., El Centro, Calif. Trailer structure. 2,404,898; July 30.

Aydelott, John C.: *See*—
Adams, George M., and Aydelott.
Edwards, Martin A., Garr, and Aydelott.

Aydelotte, John T., Glendale, Calif. Arch normalizer. 2,413,133; Dec. 24.

Ayers, Edgar H., Schenectady, N. Y., assignor to General Electric Company. Protective system. 2,398,993; Apr. 23.

Ayers, Edgar H., Schenectady, N. Y., assignor to General Electric Company. Terminal connector. 2,401,130; May 28.

Ayers, Edgar H., Schenectady, N. Y., assignor to General Electric Company. Electric switch. 2,402,866; June 25.

Ayers, Fred L., Watertown, Mass. Method of and machine for making innersoles. 2,394,740; Feb. 12.

Ayers, Fred L., Watertown, Mass. Innersole and making the same. 2,398,277; Apr. 9.

Ayers, Fred L., Watertown, Mass. Innersole and making the same. 2,398,760; Apr. 23.

Ayers, George W., Chicago, and D. M. Barton, Elmwood Park, assignors to The Pure Oil Company, Chicago, Ill. Removing weakly acidic sulphur compounds from hydrocarbon oil. 2,405,872; Aug. 13.

Ayers, Joseph W., Easton, Pa., assignor to C. K. Williams & Co. Production of iron oxide. 2,394,579; Feb. 12.

Ayotte, Joseph B., Chicago, Ill. Safety razor. 2,394,422; Feb. 5.

Ayres, Reginald J.: *See*—
Geiger, Walter J., and Ayres.

Ayres, Russell W., Evansville, Ind., assignor, by mesne assignments, to Seeger-Sunbeam Corporation. Plasticized refrigerator cabinet. 2,394,134; Feb. 5.

Azar, John G., Oakland, Calif. Animal trap. 2,402,720; June 25.

Azbe, Victor J., Webster Groves, Mo. Calcining apparatus. 2,409,527; Oct. 15.

Azzara, Santo, New York, assignor of fifty per cent to Andrew Geller Shoe Manufacturing Co., Inc., Brooklyn, N. Y. Cutting die with variable contour. 2,411,016; Nov. 12.

B. B. Chemical Co., assignee: *See*—
Harrington, Valentine F.
Nugent, Frederick V.
Perkins, John L.
Sprague, Stanley L.

B. & B. Flotation Company, assignee, trustee: *See*—
Brown, James B.

B. F. B. Engineers, Incorporated, assignee: *See*—
Buchet, Conrad R.

B-L Electric Manufacturing Company, assignee: *See*—
Peters, Carl E.

B and W, Inc., assignee: *See*—
Wright, Kenneth A.

B-W Superchargers, Inc., assignee: *See*—
McCulloch, Robert P. and Ryde.

Baack, William R., Long Island City, assignor to Coston Supply Company, Inc., New York, N. Y. Lifesaving device. 2,404,681; July 23.

Baade, Henry, Ypsilanti, Mich., assignor to Bendix Products Corporation, South Bend, Ind. Braking system. Re. 22,802; Oct. 15.

Baak, Albert E., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Liquid level responsive means. 2,394,885; Feb. 12.

Baar, Max E., Canton, Ohio. Container closure. 2,394,135; Feb. 5.

Babbitt, Bethel J., Riverside, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Optical quartz crystal testing apparatus. 2,410,621; Nov. 5.

Babbitt, Daniel R., and E. T. Hewitt, San Francisco, Calif., assignors to Electric Steel Foundry, Portland, Oreg. Retort tube for furnaces. 2,392,450; Jan. 8.

Babcock, Earl Duncan, Okla., assignor to The Hoover Company, North Canton, Ohio. Room cooling device. 2,391,859; Jan. 1.

Babcock, Garrison, Seattle, Wash. Telephone system. 2,397,079; Mar. 26.

Babcock, Gordon M., Louisville, Ky., assignor to Reynolds Metals Company, New York, N. Y. Nonleaning aluminum paste and making same. 2,393,731; Jan. 29.

Babcock, Henry H., Oak Park, assignor to Conlon Corporation, Cicero, Ill. Ironing machine. 2,413,427; Dec. 31.

Babcock, Lloyd L.: *See*—
Bishop, James O., and Babcock.
Stevenson, Lawrence J., and Babcock.

Babcock, Stuart M., Chatham, A. W. Horton, Jr., South Orange, and M. A. Logan, Summit, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,396,072; Mar. 5.

Babcock & Wilcox Company, The, assignee: *See*—
Bailey, Ervin G.
Cassidy, Perry R.
Fletcher, James.
Hartnett, George J., Jr., and Ziegler.
Harvey, James L.
Harvey, John F.
Kerr, Howard J.
Leach, Lester L.
Mason, Jacob A.
Maxwell, Carl A.
Qvarfordt, Nils G.

Babson Bros., Co., assignee: *See*—
Babson, Henry B.
Crawford, Thomas B., and Vilbig.

Babson, Henry B., Chicago, Ill., assignor to Babson Bros. Co. Milker support. 2,412,197; Dec. 10.

Babson, Henry B., Chicago, and C. A. Thomas, Crystal Lake, Ill., assignors, by mesne assignments, to Losee Products Co. Water heater. 2,408,403; Oct. 1.

Back, Adolf, Berlin-Spandau, Germany; vested in the Alien Property Custodian. Gyroscope. 2,410,002; Oct. 29.

Bach, Henry M., Lawrence, assignor to Premier Crystal Laboratories, Inc., New York, N. Y. Multiple crystal holder. 2,409,607; Oct. 22.

Bach, Henry M., Lawrence, assignor to Premier Crystal Laboratories, Incorporated, New York, N. Y. Crystal holder. 2,410,193; Oct. 29.

Bach, Henry M., Lawrence, assignor to Premier Crystal Laboratories, Inc., New York, N. Y. Piezo-crystal holder. 2,412,438; Dec. 10.

Bachle, Carl F., Grosse Pointe, assignor to Continental Aviation & Engineering Corporation, Detroit, Mich. Cylinder head. 2,395,712; Feb. 26.

Bachman, Charles H., Scotia, N. Y., assignor to General Electric Company. Electron lens system. 2,400,331; May 14.

Bachman, Charles H., Scotia, N. Y., assignor to General Electric Company. Self-adjusting electrode support. 2,400,332; May 14.

Bachman, Charles H., Scotia, N. Y., assignor to General Electric Company. Electron microscope. 2,408,287; Sept. 24.

Bachman, Fred E.: *See*—
Cottrell, Robert R., and Bachman.

Bachman, Fred E., assignor to American Steel Foundries, Chicago, Ill. Spring group. 2,399,535; Apr. 30.

Bachman, Fred E., assignor to American Steel Foundries, Chicago, Ill. Shock strut. 2,399,846; May 7.

Back, Frank G., New York, N. Y. Apparatus for cooling extruded plastics. 2,399,422; Apr. 30.

Back, M. F., trustee, assignee, et al.: *See*—
Geiger, William A.

Back, M. F., trustee, et al.: *See*—
Geiger, William A.

Back, Robert, assignor to Bert M. Morris Co., Los Angeles, Calif. Hooded feed bar for pens. 2,403,703; July 9.

Backman, Eric W., Chicago, Ill. Combination storm and screen window. 2,398,511; Apr. 16.

Backstrom, Adolph, Hempstead, N. Y. Airplane wheel attachment. 2,410,622; Nov. 5.

Backus, Thomas, Peoria, Ill., and C. H. Parrish, Jr., assignors to Fuller Manufacturing Co., Kalamazoo, Mich. Remote control for automotive vehicle transmissions. 2,399,613; May 7.

Bacon, Henry M., assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Spinning cot for textile fiber processing. 2,393,953; Feb. 5.

Bacon, Henry M., and A. L. Freedlander, assignors to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Long draft spinning apron. 2,402,356; June 18.

Bacon, Leslie R.: *See*—
Tremanin, Henry E., and Bacon.
Wegst, Walter F., Bacon, and McNabney.

Bacon, Osborne C., Penns Grove, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Flameproof organic fibrous material and composition therefor. 2,413,163; Dec. 24.

Bacon, Raymond F., Bronxville, and R. Fanelli, New Rochelle, assignors to Texas Gulf Sulphur Company, New York, N. Y. Rubberlike products. 2,410,595; Nov. 5.

Bacon, Walter M., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph system. 2,392,356; Jan. 8.

Bacon, Walter M., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph system. 2,406,787; Sept. 3.

Bacon, Walter M., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph switching system. 2,412,198; Dec. 10.

Bacon, Walter M., New York, N. Y., and W. R. Young, Jr., Summit, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph switching system. 2,412,955; Dec. 24.

Bacwell Enterprises Incorporated, assignee: *See*—
Wellman, Katharine.

Bade, Alfred G., Wauwatosa, assignor to The Falk Corporation, Milwaukee, Wis. Variable-speed transmission. 2,403,627; July 9.

Badenhausen, Bayard, assignee: *See*—
Badenhausen, John P.

Badenhausen, John P., Philadelphia, Pa. Steam generator furnace. 2,391,860; Jan. 1.

Badenhausen, John P., Philadelphia, Pa. Steam generating system. 2,395,951; Mar. 5.

Badenhausen, John P., assignor of one-half to B. Badenhausen, Philadelphia, Pa. Steam generator. 2,412,115; Dec. 3.

Badenhausen, John P., Philadelphia, Pa., assignor of one-half to B. Badenhausen. Steam generator. 2,412,856; Dec. 17.

Badertscher, Darwin E.: *See*—
Berger, Henry G., and Badertscher.

Badertscher, Darwin E., Woodbury, and R. B. Bishop, Pitman, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Resinous condensation product of formaldehyde and aromatic petroleum fraction. 2,397,398; Mar. 26.

Badertscher, Darwin E., and H. G. Berger, Woodbury, and R. B. Bishop, Pitman, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Production of resinous materials. 2,406,339; Aug. 27.

Badham, Philip W.: *See*—
Powell, Ernest F., and Badham.

Badmaieff, Alexis: *See*—
Reiskind, Hillel I., and Badmaieff.

Badmaieff, Alexis, Indianapolis, Ind., assignor to Radio Corporation of America. Electrical filter. 2,397,772; Apr. 2.

Baer, Massimo, Plainfield, assignor to Cornell-Dubilier Electric Corporation, South Plainfield, N. J. Dielectric composition. 2,403,205; July 2.

Baer, Massimo, Plainfield, assignor to Cornell-Dubilier Electric Corporation, South Plainfield, N. J. Dielectric composition and making same. 2,403,206; July 2.

Bagan, John P., Portland, assignor of one-third to A. R. Wanasek, Marshfield, Oreg. Rotary tiller. 2,408,361; Oct. 1.

Bagan, John P., Portland, assignor of one-third to A. R. Wanezek, Marshfield, Oreg. Spiral cutter for rotary plows. 2,410,008; Oct. 29.

Baggott, Edmund W., Brooklyn, assignor to Ideal Novelty & Toy Co., Long Island City, N. Y. Toy vehicle. 2,399,614; May 7.

Bagley, Ronald D., Indiana, Pa., and J. E. Berman, Suffolk, Va. Airborne cargo truck. 2,409,181; Oct. 15.

Bagne, Paul T., assignor of one-half to L. M. Fleming, Kenmore, N. Y. Rotary cutter. 2,398,763; Apr. 23.

Bagpak, Inc., assignee: *See*—
Baker, Webster N.
Clayton, Harry E.

Bagshaw, Charles M.: *See*—
Gardner, Frank, and Bagshaw.

Bagshaw, Charles M., Leicester, England, assignor to United Shoe Machinery Corporation, Flemington, N. J. Counter pasting machine. 2,404,345; July 23.

Bagshaw, Charles M., Leicester, England, assignor to United Shoe Machinery Corporation, Flemington, N. J. Counter pasting machine. 2,405,548; Aug. 13.

Bagwell, Omar C., assignor to International Standard Electric Corporation, New York, N. Y. Electrolysis switch. 2,395,833; Mar. 5.

Bahlke, William H., Chicago, and M. T. Carpenter, Flossmoor, assignors to Standard Oil Company, Chicago, Ill. Acetylene process. 2,405,895; Aug. 6.

Bahls, Walter E., assignor to Radio Corporation of America, Haddonfield, N. J. Electron discharge device. 2,409,466; Oct. 15.

Bain, Philip, Highland Park, Mich. Film splicer. 2,392,965; Jan. 15.

Bain, Philip, Highland Park, Mich. Rewind device. 2,392,966; Jan. 15.

Baier, Sydney W., Putney, London S. W. 15, England, assignor, by mesne assignments, to The City Auto Stamping Company, Toledo, Ohio. Electrodeposition of tin alloys. 2,397,522; Apr. 2.

Bailey, A., Maplewood, N. J., assignor to American Telephone and Telegraph Company. Harmonic control system. 2,397,830; Apr. 2.

Bailey, Carl G., Staunton, Va. Pie pan lifter. 2,398,129; Apr. 9.

Bailey, Donald, Puritan Mines, W. Va. Flexible loading pan. 2,410,561; Nov. 5.

Bailey, Donald C., Middletown, Conn. Sheathed knife clasp. 2,398,764; Apr. 23.

Bailey, Edgar L.: *See*—
Gilfillan, Henry W., and Bailey.

Bailey, Edward T. W., Hamilton, Ontario, Canada. Floor waxing device. 2,394,585; Feb. 12.

Bailey, Ervin G., Easton, Pa., assignor to The Babcock & Wilcox Company, Jersey City, N. J. Steam generator. 2,397,523; Apr. 2.

Bailey, Grant C., Bartlesville, Okla., assignor to Phillips Petroleum Company. Treatment of olefin-containing mixtures. 2,403,779; July 9.

Bailey, Grant C., Bartlesville, Okla., assignor to Phillips Petroleum Company. Production of olefin polymers. 2,490,727; Oct. 22.

Bailey, Haskell, Tulsa, Okla. Adjustable stop for lathe spindles. 2,398,278; Apr. 9.

Bailey, James: *See*—
Wiley, Fred E., Caufield, Jesionowski, and Bailey.

Bailey, James, West Hartford, assignor to Plax Corporation, Hartford, Conn. Method of and apparatus for forming tubes of organic plastic material. 2,398,876; Apr. 23.

Bailey, James, West Hartford, and R. S. Jesionowski, assignors to Plax Corporation, Hartford, Conn. Apparatus for shaping plastics by extrusion. 2,393,452; Jan 22.

Bailey, James, West Hartford, and H. A. Pratt, assignors to Plax Corporation, Hartford, Conn. Longitudinal slipper die for extruding organic plastics. 2,399,615; May 7.

Bailey, John J., assignee: *See*—
De Gruchy, Ernest D.

Bailey Meter Company, assignee: *See*—
Barnes, Frederick A.
Hornfeck, Anthony J.
Johnson, Clarence.
Ryder, John D., and Hornfeck.

Bailey, Ray V., assignee: *See*—
Hill, Gilbert H.

Bailey, Robert A., Burbank, Calif., assignor, by mesne assignments, to Lockheed Aircraft Corporation. Aerial torpedo. 2,401,853; June 11.

Bailey, Theodore, Habana, Cuba. Flour sifter. 2,393,453; Jan. 22.

Bailey, Theodore, Habana, Cuba. Sugar dispenser. 2,393,454; Jan. 22.

Bailey, Walter T., Fox Chase, Philadelphia, assignor to Stokes & Smith Company, Philadelphia, Pa. Apparatus for production and application of reinforcing elements. 2,399,616; May 7.

Bailey, Walter T., assignor to Stokes and Smith Company, Philadelphia, Pa. Adhesive applying apparatus. 2,402,272; June 18.

Bailey, William A., Jr.: *See*—
Greensfelder, Bernard S., and Bailey.

Bailey, William A., Jr., Oakland, and W. H. Peterson, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Production of unsaturated ketones. 2,393,510; Jan. 22.

Bailey, William A., Jr., Oakland, and C. W. Bittner, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Stabilized alumina and preparation thereof. 2,398,610; Apr. 16.

Bailey, William A., Jr., and B. S. Greensfelder, Oakland, assignors to Shell Development Company, San Francisco, Calif. Gasoline and the production thereof. 2,407,052; Sept. 3.

Bailey, William A., Jr., Wilmington, and J. Burgin, Oakland, assignors to Shell Development Company, San Francisco, Calif. Catalytic conversion of hydrocarbons and the preparation of catalysts therefor. 2,407,914; Sept. 17.

Bailey, William F., Port Washington, N. Y., assignor, by mesne assignments, to Hazeltine Research, Inc., Chicago, Ill. Television signal-translating system. 2,404,939; July 30.

Bailey, William H., Pueblo, assignor to The Colorado Fuel & Iron Corporation, Denver, Colo. Method and machine for profiling masses of material. Re. 22,737; Apr. 2.

Bailey, William M., Company, assignee: *See*—
Bowland, Andrew.

Bailhe, George, Brooklyn, N. Y. Combination cushion and life preserver. 2,405,484; Aug. 6.

Baille, James C., Chicago, Ill., L. Heard, Hammond, Ind., and R. V. Shankland, assignors to Standard Oil Company, Chicago, Ill. Conversion catalyst. 2,404,024; July 16.

Ballie, James C., and R. V. Shankland, assignors to Standard Oil Company, Chicago, Ill. Toluene process. 2,408,724; Oct. 8.

Baillieve, Edna C., Warren, Ohio. Toy and ball casing. 2,407,734; Sept. 17.

Bailly, Leon, assignor to The International Furnace Equipment Company Limited, Aldridge, England. Apparatus for concentrating sulphuric acid and other liquids. 2,392,219; Jan. 1.

Baily, Thaddeus F., Canton, Ohio. Reducing iron ores. 2,391,029; Feb. 19.

Bain, John C., West Orange, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Concentric conductor transmission line. 2,410,802; Nov. 12.

Bair, George J., Pittsburgh, assignor to N. S. Garbisch, Butler, Pa. Forming silicious bodies. 2,392,568; Jan. 8.

Baird, Donald A., Detroit, and J. C. Auten, Royal Oak, assignors to Chrysler Corporation, Highland Park, Mich. Clutch. 2,402,527; June 25.

Baird, John B., assignor to Hudson Engineering Corporation, Houston, Tex. Forced draft cooling tower. 2,403,841; July 9.

Baird, John B., and P. E. Dearmin, assignors to Hudson Engineering Corporation, Houston, Tex. Mist eliminator. 2,400,623; May 21.

Baird, William, B. J. Habgood, D. A. Harper, and J. A. Hendry, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Synthetic rubber-like materials. 2,397,399; Mar. 26.

Baird, William J., Birmingham, and W. N. Sparks, Inkster, Mich. Plastic forming apparatus. 2,409,096; Oct. 8.

Bakal, Leslie G., Richmond, Va. Device for lubricating monotype keyboards. 2,406,651; Aug. 27.

Bakelite Corporation, assignee: *See*—
Brannon, James L., and Mraz.
Butler, William H.
Dabiels, Rupers S.
Mazzucchelli, Arthur P.
Molinari, Vittorio.
Myers, Clayton S.
Yngve, Victor.

Baker, Allister L., assignor to Keuffel & Esser Company, Hoboken, N. J. Drafting machine. 2,400,733; May 21.

Baker, Arthur L. L., Sevenoaks, England. Marine structure. 2,398,351; Apr. 16.

Baker, Arthur W., Lookout Mountain, Tenn., assignor to Hercules Powder Company, Wilmington, Del. Waterproof explosive cartridge. 2,408,189; Sept. 24.

Baker, Benjamin P.: *See*—
Ludwig, Leon R., and Baker.
Ludwig, Leon R., Baker, and Bakken.
Ludwig, Leon R., Leeds, and Baker.

Baker, Benjamin P., Turtle Creek, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit interrupter. 2,412,857; Dec. 17.

Baker, Benjamin P., Turtle Creek, and H. J. Webb, Forest Hills, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Valve mechanism for compressed gas circuit interrupters. 2,411,356; Nov. 19.

Baker, Benjamin P., Turtle Creek, and W. M. Leeds, Wilkinsburg, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit interrupter. 2,412,858; Dec. 17.

Baker, Charles E., Oakland, Calif. Plate grapple. 2,412,555; Dec. 17.

Baker, Chester L., Narberth, and R. H. Sams, Upper Darby, Pa., assignor to Philadelphia Quartz Company, Philadelphia, Pa. Dispersible soya compositions. 2,392,302; Jan. 8.

Baker and Co., Inc., assignee: *See*—
Smithells, Colin J.

Baker & Company, Inc., assignee: *See*—
Maddock, Charles B.

Baker, Corwin W., Stoneham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe sewing machine. 2,410,859; Nov. 12.

Baker, David B., Riverside, and W. O. Bechman, Chicago, Ill., assignors to International Harvester Company. Tractor frame and drive shaft bearing structure therein. 2,397,910; Apr. 9.

Baker, David B., Riverside, and C. R. Hagen, Chicago, Ill., assignors to International Harvester Company. Cotton harvester. 2,399,718; May 7.

Baker, David B., Riverside, and W. O. Bechman, Chicago, Ill., assignors to International Harvester Company. Bearing lubrication. 2,403,326; July 2.

Baker, David S., New York, N. Y. Method and apparatus of treating materials. 2,412,763; Dec. 17.

Baker, Franklin B., Chicago, Ill. Applicator for adhesives. 2,397,080; Mar. 26.

Baker, George T.: *See*—
Taylor, Reginald, and Baker.
Taylor, Reginald, Baker, and Corner.

Baker, George T., Liverpool, England, assignor, by mesne assignments, to Automatic Electric Laboratories, Inc., Chicago, Ill. Automatic telephone system. 2,402,232; June 18.

Baker, Granville M.: *See*—
Harris, Albert B., and Baker.

Baker, Henry L.: *See*—
Bowman, William A., and Baker.

Baker, Henry M.: *See*—
Waller, Fred, Dresser, and Baker.

Baker, James D.: *See*—
Hamilton, Clarence R., King, and Baker.

Baker, James F., Troy, and A. E. La Mora, Cohoes, assignors to Cluett, Peabody & Co., Inc., Troy, N. Y. Apparatus for and method of folding and stitching neckties. 2,397,081; Mar. 26.

Baker, John S., Los Angeles, Calif. Automatic can feeding means. 2,402,144; June 18.

Baker, Karl V., Malaga, Ohio. Combination valve and water adapter for tire tubes. 2,400,969; May 28.

Baker, Lewis F., Southport, Conn. Plug and socket connector. 2,404,682; July 23.

Baker Manufacturing Company, The, assignee: *See*—
Washbond, Harry H.

Baker, Marlin S., Evansville, assignor to The Parker Pen Company, Janesville, Wis. Fountain pen. 2,403,039; July 2.

Baker, Melyn E., Portland, Oreg. Extensible ladder. 2,396,034; Mar. 5.

Baker, Norman G., Leavenworth, Kans. Diesel engine. 2,412,028; Dec. 3.

Baker, Norman G., Laredo, Tex. Diesel engine. 2,412,029; Dec. 3.

Baker Oil Tools, Inc., assignee: *See*—
Baker, Renben C.
Glover, Robert C., and Childers.

Baker Perkins Limited, assignee: *See*—
Bowker, Harry W.
Palmer, Austin R.
Tunley, Allan A.

Baker, Philip J., Jr., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Phenyl sulphonyl esters of nitro alcohols. 2,395,386; Feb. 26.

Baker, Philip J., Jr., Terre Haute, Ind., assignor to Commercial Solvents Corporation. Phenyl sulfonyl diesters of nitro alcohols. 2,412,116; Dec. 3.

Baker, Philip J., Jr., Terre Haute, Ind., assignor to Commercial Solvents Corporation. Phenyl sulfonyl triesters of nitro alcohols. 2,412,117; Dec. 3.

Baker-Raulang Company, The, assignee: *See*—
Hawkins, Paul E.
Stoner, Frank.

Baker, Reuben C., Coalinga, assignor to Baker Oil Tools, Inc., Vernon, Calif. Lock devices for well tools. 2,400,970; May 28.

Baker, Richard F.: *See*—
Hillier, James, and Baker.

Baker, Robert D., Birmingham, Mich. Paving machine. 2,393,954; Feb. 5.

Baker, Robert H., Munster, Ind. Defroster for ice cube trays. 2,410,194; Oct. 29.

Baker, Robert M., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Magnetic induction heating of thin-walled nonmagnetic metallic tubes. 2,408,190; Sept. 24.

Baker-Roos, Inc., assignee: *See*—
Negovan, Albert, Stratton, and Roggie.

Baker, Thomas T., Pinner, England. Manufacture of photographic emulsions. 2,403,327; July 2.

Baker, Thomas T., Pinner, assignor to Dacrematt Limited, London, England. Preparing photographic emulsion for transport. 2,413,207; Dec. 24.

Baker, Webster N., Baldwin, N. Y., assignor to Bagpak, Inc. Bag closure. 2,391,938; Jan. 1.

Baker, William E., Swanton, Ohio. Apparatus for pumping and atomizing liquid fuel. 2,412,383; Dec. 10.

Bakewell, Harding F., San Marino, Calif. Rotary cutting tool. 2,400,187; May 14.

Bakke, Hans A., Swampscott, Mass., assignor to General Electric Company. One-way drive with magnetic lock. 2,409,009; Oct. 8.

Bakke, Robert, assignor of one-half to G. E. Swahn, Minneapolis, Minn. Welding glove. 2,394,136; Feb. 5.

Bakken, Andrew H.: *See*—
Ludwig, Leon R., Baker, and Bakken.

Bakken, Hans H., Pueblo, Colo. Lumber splicing implement. 2,392,898; Jan. 15.

"Balah," assignee: *See*—
Larsen, Rudolph H.

Balassa, Ladislaus, Swarthmore, Pa. and R. A. McGlone, Flint, Mich., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Coating compositions for use in preparing photo-templates. 2,393,583; Jan. 29.

Balbi, Valentino L., South San Francisco, Calif. Garbage truck. 2,393,732; Jan. 29.

Balcar, Frederick E., Stamford, Conn., assignor to Air Reduction Company, Incorporated, New York, N. Y. Production of acrylic nitrile. 2,392,303; Jan. 8.

Balcar, Frederick R., Stamford, Conn., assignor, by mesne assignments, to U. S. Industrials Chemicals, Inc., New York, N. Y. Extraction of glycerine from fermentation residues. 2,392,569; Jan 8.

Bald, William, Lowell, Ind., assignor to American Can Company, New York, N. Y. Drying oven. 2,395,834; Mar. 5.

Baldanza, Nicholas T., Rutherford, and A. J. Desimone, Lyndhurst, assignors to Columbia Protektosite Co., Inc., Carlstadt, N. J. Knockdown coat hanger. 2,392,080; Jan. 1.

Baldenhofer, William G., assignor to The Thompson Grinder Company, Springfield, Ohio. Cooling system for hydraulically operated machine tools. 2,396,147; Mar. 5.

Baldeschwieler, Emile L., Cranford, and J. C. Zimmer, Union, N. J., assignors to Standard Oil Development Company. Inhibiting corrosion of aluminum. 2,396,236; Mar. 12.

Baldo, Louie: *See*—
Morrow, David.

Baldocchi, Archie A., San Francisco, Calif. Navigation computer. 2,394,226; Feb. 5.

Baldsiefen, Walter D.: *See*—
Hinke, Ralph K., and Baldsiefen.

Balduf, Bruno E., assignor to United States Gypsum Company, Chicago, Ill. Frame member. 2,410,922; Nov. 12.

Baldwin, Alfred W., N. W. Cusa, and H. Worthington, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Manufacture of surface-active compounds. 2,406,186; Aug. 20.

Baldwin, Charles F., Schenectady, N. Y., assignor to General Electric Company. Piezoelectric crystal mounting. 2,412,030; Dec. 3.

Baldwin, Clyde P., Claremont, N. H., and H. H. Vanderzee, Michigan City, Ind., assignors to Sullivan Machinery Company. Mining apparatus. 2,396,237; Mar. 12.

Baldwin Company, The, assignee: *See*—
Kock, Winston E.

Baldwin, Elmer W., Bassett, Nebr. Powered loading truck. 2,411,183; Nov. 19.

Baldwin, Francis P.: *See*—
Thomas, Robert M., and Baldwin.

Baldwin, Glenn W., South Gate, Calif., assignor to C. E. Hovey, trustee, Kansas City, Mo. Tractor attachment for loading and transporting materials. 2,393,877; Jan. 29.

Baldwin, Hazel M., administratrix: *See*—
Baldwin, Herbert W.

Baldwin, Herbert W., deceased, Inglewood, Calif.; by Hazel M. Baldwin, Glendale, administratrix, assignor to North American Aviation, Inc., Inglewood, Calif. Cowl fastener. 2,392,718; Jan. 8.

Baldwin Locomotive Works, The, assignee: *See*—
Barbour, James P.
Collins, Paul C.
Corby, Joseph F.
Link, Harry W.
Porteus, John H.
Ruge, Arthur C.
Staples, Dana R.
Tapper, Thomas P.

Baldwin, Millard W., Jr., Glen Ridge, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Deflecting circuit. 2,393,601; Jan. 29.

Baldwin, Wayne A., Watertown, N. Y., assignor to The New York Air Brake Company. Air brake. 2,405,632; Aug. 13.

Baldwin, Wayne A., Watertown, N. Y., assignor to The New York Air Brake Company. Sander. 2,490,728; Oct. 22.

Baldwin, William J., Glen Ellyn, assignor to Crane Co. Chicago, Ill. Coating compound. 2,396,979; Mar. 19.

Bale, Goldie M., executrix: *See*—
Yandell, William H.

Balfe, George T., assignor to Detroit Gasket & Mfg. Company, Detroit, Mich. Window run. 2,398,400; Apr. 16.

Balkin, Mark, Bentham, assignor to The Sillick Holding Company Limited, Newcastle-upon-Tyre, England. Hose and manufacture thereof. 2,392,967; Jan. 15.

Ball, Albert I.: *See*—
Kirchner, Henry P., and Ball.

Ball, Albert L., Lewiston, N. Y., assignor, by mesne assignments, to United Cotton Products Company, Fall River, Mass. Abrasive belt. 2,404,207; July 16.

Ball, Albert P., Detroit, Mich. Watering device for fowl. 2,407,216; Sept. 10.

Ball, Albert P., assignor to Briggs Manufacturing Company, Detroit, Mich. Vehicle body. 2,410,332; Oct. 29.

Ball, Charles F.: *See*—
Russell, John D., Ball, and Knolzen.

Ball, Joseph A., Los Angeles, assignor to Max McGraw, doing business as McGraw Colorgraph Company, Burbank, Calif. Registration process and apparatus. 2,399,975; May 7.

Ball & Socket Manufacturing Co., The, assignee: *See*—
Hubbell, Leslie W.

Ball, Thomas M., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Injection nozzle. 2,407,915; Sept. 17.

Balla, John, Sr., Schenectady, N. Y. Machine for coiling metal stock. 2,404,424; July 23.

Ballak, John F., St. Louis, Mo. Wing nut. 2,399,090; Apr. 23.

Ballantyne, Roy A., Detroit, Mich. Apparatus for washing films. 2,399,617; May 7.

Ballard, Albert E., Oak Ridge, Tenn., and L. E. Martinson, assignors to Eastman Kodak Company, Rochester, N. Y. Purification of lanthanum salts. 2,394,586; Feb. 12.

Ballard, Herman E., Berkeley, Calif. Plastic packing. 2,403,166; July 2.

Ballard, Herman E., Berkeley, Calif. Lubricant. 2,403,167; July 2.

Ballard, J. D., Fort Worth, Tex. Intermixing device. 2,409,339; Oct. 15.

Ballard, John H.: *See*—
Anderson, John E., Ballard, and Potter.

Ballard, Kermit H., Perth Amboy, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Electrical capacitor. 2,395,442; Feb. 26.

Ballard, Kermit H., Perth Amboy, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of electrical capacitors. 2,399,313; Apr. 30.

Ballard, Kermit H., Perth Amboy, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Lead connection for electrical apparatus. 2,413,539; Dec. 31.

Ballard, Seaver A.: *See*—
Haury, Vernon E., and Ballard.

Ballard, Seaver A., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Paraffin alkylation process. 2,396,486; Mar. 12.

Ballard, Seaver A., Oakland, and V. E. Haury, El Cerrito, assignors to Shell Development Company, San Francisco, Calif. Production of isophorone and related products. 2,399,976; May 7.

Ballard, Seaver A., Berkeley, and V. E. Haury, El Cerrito, assignors to Shell Development Company, San Francisco, Calif. Ketols from isophorones and homologues thereof. 2,406,652; Aug. 27.

Ballard, Seaver A., and J. A. Perona, Oakland, assignors to Shell Development Company, San Francisco, Calif. Rubber tackifier. 2,410,623; Nov. 5.

Ballard, Seaver A., Oakland, and D. E. Winkler, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Catalytic conversion of alicyclic ketonic compounds. 2,413,598; Dec. 31.

Ballard, William C., Jr., Ithaca, N. Y., E. Coron, Pawtucket, and W. Cepek, Providence, R. I., assignors to Gasaid Patents Inc., New York, N. Y. Starting switch. 2,400,624; May 21.

Ballard, William E., Harborne, Birmingham, assignor to Metallisation, Limited, Dudley, England. Metal spraying apparatus. 2,411,409; Nov. 19.

Ballew, Jean M., assignee, et al.: *See*—
Campbell, Charles A.

Ballou, B. A., & Co., Inc., assignee: *See*—
Morehouse, Eugene.

Ballou, Dona L.: *See*—
Carlsen, Viggo, Heinrich, and Ballou.

Balmforth, Alfred, deceased, by D. V. and F. V. Balmforth, Montreal, Quebec, and O. R. B. Collins, Toronto, Ontario, Canada, heirs. Grate and grate bars. 2,399,618; May 7.

Balmforth, Dorothy B., heir: *See*—
Balmforth, Alfred.

Balmforth, Frances V., heir: *See*—
Balmforth, Alfred.

Baltimore Paper Box Co., The, assignee: *See*—
Bentham, Albert E.

Bambas, Louis L., Grosse Pointe Woods, assignor to Parke, Davis & Company, Detroit, Mich. Sulphones and preparing same. 2,404,560; July 23.

Bamberger, Curt, Buffalo, assignor to Allied Chemical & Dye Corporation, New York, N. Y. Acid anthraquinone dyestuff. 2,400,188; May 14.

Bancroft, Dennison, U. S. Navy, Cabin John, Md. Switch. 2,396,672; Mar. 19.

Bancroft, Dennison, Cabin John, Md., and R. W. Goranson, Washington, D. C. Dynamic pressure gauge. 2,398,401; Apr. 16.

Bandur, Adolph F., Berwyn, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Magnetic body. 2,412,668; Dec. 17.

Bandy, Alvin M., Ganado, Tex. Side-wall production tester. 2,391,869; Jan. 1.

Bangham, Donald H., London, J. G. Bennett, Kingston-on-Thames, R. L. Brown, Liverpool, W. Hirst, Kingston-on-Thames, M. Pirani, Kingston Hill, and G. C. Phillpots, assignors to C. D. Patents Limited, London, England. Manufacture of molded articles. 2,404,208; July 16.

Banister, James G., Chicago, Ill. Accessory device for typewriters. 2,392,517; Jan. 8.

Banker, Oscar H., Evanston, Ill. Making roller cages. 2,409,236; Oct. 15.

Banker, Oscar H., assignor to New Products Corporation, Chicago, Ill. Automatic transmission apparatus and control. 2,394,580; Feb. 12.

Banker, Oscar H., assignor to New Products Corporation, Chicago, Ill. Transmission. 2,399,657; May 7.

Banker, Russell E., Washington, D. C. Single knob variable density filter control. 2,399,658; May 7.

Banks, Joseph L., Baltimore, Md., assignor to J. L. Schilling, J. C. Doig, and I. G. Rubin, doing business as J. L. Schilling Co. Toy typewriter. 2,409,237; Oct. 15.

Banks, William B.: *See*—
Feeney, Joseph C., and Banks.

Bankson, William R., Pittsburgh, Pa. Mail box fitting. 2,405,730; Aug. 13.

Banner, Joseph, Los Angeles, Calif. Twist drill sharpener. 2,405,544; Oct. 1.

Bannet, Joseph T., Cleveland, Ohio. Elongation gauge. 2,392,899; Jan. 15.

Bannerman, Gordon H., Hamden, Conn., assignor to The American Steel and Wire Company of New Jersey. Torpedo net. 2,404,612; July 23.

Bannerman, Gordon H., Worcester, and J. M. Curran and G. H. Trout, Omaha, Nebr., assignors to American Steel and Wire Company of New Jersey. Applying a fitting to ropes. 2,412,941; Dec. 24.

Bannerer, Joseph, Chicago, Ill. Conduit supporting device. 2,407,217; Sept. 10.

Banning, Alfred J., assignor to A. C. Wickman Limited, Coventry, England. Hydraulic mechanism. 2,403,328; July 2.

Bannister, Bryant, Oil City, Pa., assignor to Oil Well Supply Company. Cathead. 2,391,939; Jan. 1.

Bannon, John H., Union, and H. N. Mims, Cranford, N. J., assignors to Standard Oil Development Company. Surface coating for packaging polymers. 2,403,964; July 16.

Bannon, Joseph J., Jr.: *See*—
Kew, Frank R., and Bannon.

Bannow, Rudolph F., Easton, Conn. Adapter with swivel joint. 2,404,561; July 23.

Bany, Herman, Lansdowne, Pa., assignor to General Electric Company. Automatic control equipment. 2,409,010; Oct. 8.

Bany, Herman, Lansdowne, and A. W. Bateman, Yeadon, Pa., assignors to General Electric Company. Control system. 2,405,007; July 30.

Banyai, M., Limited, assignee: *See*—
Banyai, Maurus.

Banyai, Maurus, assignor to M. Banyai Limited, Glasgow, Scotland. Gauze weaving loom. 2,401,452; June 4.

Barab, Jacob, Wilmington, Del. Ammonium nitrate explosive. 2,398,071; Apr. 9.

Baral, William J.: *See*—
Linford, Hooper, and Baral.

Barany, Edmund, Syracuse, N. Y. Fruit juice extractor. 2,410,562; Nov. 5.

Baratelli, Charles A., Cambridge, C. W. Cochran, Belmont, R. N. Dockum, Medford, and J. E. Guernsey, West Roxbury, assignors to Polaroid Corporation, Cambridge, Mass. Visor attachment for goggles and the like. 2,394,955; Feb. 5.

Barben, Charles C., Rockville Centre, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Projecting and retracting mechanism for an underwater signal source. 2,407,240; Sept. 10.

Barber-Colman Company, assignee: *See*—
Abrams, Victor R., and Kennedy.
Colman, Howard D.
Dewey, Ritchie P.
Drake, Russell P.
Kennedy, Walter W.
Lilja, Edgar D.
Marcellus, Brooks.

Barber, Hiram E., Crete, Nebr., assignor to Southeast Aviation, Inc., Columbia, S. C. Saw construction. 2,394,216; Jan. 15.

Barber, Howard M., Pawcatuck, Conn., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Transfer roller for ink distributions. 2,404,159; July 16.

Barber, Katherine, West Los Angeles, Calif. Shoe tree. 2,408,545; Oct. 1.

Barber, Lonnie, assignor of twenty per cent to D. Younger, and twenty per cent to W. Glaise, Danville, Va. Fruit picker. 2,406,055; Aug. 20.

Barber, Paul M., Aberdeen, S. Dak. Animal trap. 2,408,593; Oct. 1.

Barber, Quay C., deceased, Cleveland, Ohio; J. E. Burnside, administrator. Treating machine. 2,408,248; Sept. 24.

Barber, Ronald S. V.: *See*—
Dowsett, Harry L., and Barber.

Barber, Ronald S. V., assignor to Dowsett Engineering Construction Limited, Malvern, England. Production of prestressed reinforced concrete units. 2,394,227; Feb. 5.

Barber, Ronald S. V., and D. R. Lester, assignors to Dowsett Engineering Construction Limited, Malvern, England. Apparatus and method for the production of prestressed concrete sleepers. 2,394,228; Feb. 5.

Barber, Roy E., Berkeley, Calif. Safety clip. 2,405,176; Aug. 6.

Barber, Theodore C., Seattle, Wash. Airplane flight trainer. 2,409,238; Oct. 15.

Barbieri, Nicholas, Providence, R. I., assignor to Uncas Manufacturing Company. Mold for molding an extensible article. 2,403,780; July 9.

Barbour, Carroll B., Yeadon, assignor to The Atlantic Refining Company, Philadelphia, Pa. Production of alkaline earth metal sulphonates. 2,395,713; Feb. 26.

Barbour, Charles W., Jr., Marblehead, assignor to Submarine Signal Company, Boston, Mass. Mounting stack. 2,405,554; Aug. 13.

Barbour, Fenner S.: *See*—
Worthen, Eugene P., and Barbour.

Barbour, James P., Philadelphia, Pa., assignor to The Baldwin Locomotive Works. Press. 2,409,824; Oct. 22.

Barbour Welding Company, assignee: *See*—
Vizard, William C.

Barcalo Manufacturing Company, assignee: *See*—
Ross, Hollis R.

Barclay, William L., Jr., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Motor control system. 2,400,971; May 28.

Barcus, Anthony P., assignor to General Motors Corporation, Dayton, Ohio. Clothes wringer. 2,406,788; Sept. 3.

Bard-Parker Company, Inc., assignee: *See*—
Arden, Thomas R.

Barden, Clifford A., Oberlin, Ohio. Ink well. 2,395,030; Feb. 19.

Bardons and Oliver, Inc., assignee: *See*—
Kylin, Oskar and H. O., and Valentino.

Bardos, Lewis, River Rouge, Mich. Metal disintegrating device. 2,399,977; May 7.

Bardsley, Willard W., Providence, assignor to Wardwell Braiding Machine Company, Central Falls, R. I. Knitting machine. 2,406,525; Aug. 27.

Bardwell, Ralph F., Southbridge, and J. H. Smith, Taunton, assignors to American Optical Company, Southbridge, Mass. Abrading machine. 2,406,789; Sept. 3.

Bardwell, Ralph F., Southbridge, and J. H. Smith, Taunton, assignors to American Optical Company, Southbridge, Mass. Lens and making the same. 2,410,145; Oct. 29.

Bareis, Clarence W., Wyandotte, Mich., assignor to The Pennsylvania Salt Manufacturing Company, Philadelphia, Pa. Conveying method. 2,396,454; Mar. 12.

Bareiss, Max, Livingston, assignor to Tung-Sol Lamp Works Inc., Newark, N. J. Thermionic tube. 2,395,835; Mar. 5.

Barenyi, Béla: *See*—
Wilfert, Karl, and Barenyi.

Barger, Edgar L.: *See*—
Engler, Kyle, Barger, and Thompson.

Barll, Samuel J., and L. Hochheimer, assignors to The Hobar Co., New York, N. Y. Drier rack and making. 2,395,210; Feb. 19.

Barlil, Arthur E., Los Angeles, Calif. Bomb sight and bomb-releasing device. 2,409,239; Oct. 15.

Baringoltz, Bernardo, Pedermar, Argentina. Purifying exhaust gases. 2,409,825; Oct. 22.

Barishman, Harry, New York, N. Y. Dental device. 2,404,683; July 23.

Barishman, Harry, New York, N. Y. Dental tray. 2,404,684; July 23.

Barium Steel Corporation, assignee: *See*—
Smith, Arthur D.

Barkell, Jean A. H., Altadena, Calif. Hydraulic mechanism. 2,410,333; Oct. 29.

Barker, Eugene, assignor to The Jaeger Machine Company, Columbus, Ohio. Portable loading machine. 2,413,095; Dec. 24.

Barker, Eugene, assignor to The Jaeger Machine Company, Columbus, Ohio. Portable loading machine. 2,413,096; Dec. 24.

Barker, Eugene, assignor to The Jaeger Machine Company, Columbus, Ohio. Portable loading machine. 2,413,097; Dec. 24.

Barker, George A., Rochester, N. Y. Tire shoe. 2,409,182; Oct. 15.

Barker, George E., Pittsburgh, Pa., assignor to Elgin National Watch Company, Elgin, Ill. Lubricant containing alkyl piperidine salts. 2,412,956; Dec. 24.

Barker, Harry H., Irwin, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Semiconducting materials. 2,397,082; Mar. 26.

Barker, Harry H., Irwin, L. H. Hill, Wilkinsburg, and L. J. Berberich, Forest Hills, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Semiconducting composition and tape produced therefrom. 2,399,314; Apr. 30.

Barker, John S.: *See*—
Woodberry, John H., Storm, Barker, Miles, Brayton, and Seavey.

Barker, Lyle M., and E. G. Lewis, Ajo, Ariz., assignors to Phelps Dodge Corporation, New York, N. Y. Grinding mill. 2,405,933; Aug. 13.

Barker, Orrin W.: *See*—
Armitage, Joseph B., and Barker.

Barker, Paul F., H. G. Hartman, C. T. Galloway, and B. M. Kunes, assignors to Gleason Works, Rochester, N. Y. Dressing mechanism. 2,409,240; Oct. 15.

Barker, Robert S.: *See*—
Whitehill, Lynwood N., and Barker.

Barker, Seth S., assignee: *See*—
Jasper, Lenus.

Barker, Wayne Mac V., Philadelphia, Pa. Clamp for printing press plates. 2,393,678; Jan. 29.

Barker, William M.: *See*—
Halles, William D., Brixner, Barker, and Dasburg.

Barkow, Eugene V.: *See*—
Ashton, Benjamin N., and Barkow.

Barkstrom, Elmer R., Chicago, and L. Williams, Western Springs, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Article forming apparatus. 2,405,485; Aug. 6.

Barley, Leo D.: *See*—
Spiller, William R., and Barley.

Barlow, Carl N., Los Angeles, Calif. Vernier height gauge. 2,394,137; Feb. 5.

Barnaby, James C., Short Hills, and W. L. Russell, East Orange, assignors to Worthington Pump and Machinery Corporation, Harrison, N. J. Dual fuel engine. 2,400,219; May 14.

Barnard, Leon J., assignee: *See*—
Arms, Merton H., and Barnard.

Barnard, Oral E., Montreal, Quebec, assignor to Dominion Merchants Company Limited, St. Laurent, Quebec, Canada. Automatic fire extinguisher. 2,405,125; Aug. 6.

Barnby, Herbert A. and J. M. Wheaton, Toledo, Ohio, assignor to Owens-Illinois Glass Company. Container closure. 2,397,589; Apr. 2.

Barnebey, Herbert L., Oakmont, and H. T. Needham, assignors to Blaw-Knox Company, Blawnox, Pa. Fluid heater. 2,398,279; Apr. 9.

Barnes, Arthur: *See*—
Ryan, William H., Barnes, and Husek.

Barnes, Arthur, Waltham, and H. P. Husek, Allston, assignors to Polaroid Corporation, Cambridge, Mass. Forming iodine images. 2,409,923; Oct. 22.

Barnes, Carl E., Acton, Mass., assignor to Polaroid Corporation, Dover, Del. Manufacturing coated light polarizers. 2,397,231; Mar. 26.

Barnes, Carl E., Acton, Mass., assignor to Polaroid Corporation, Dover, Del. Methacrylic esters and copolymers thereof. 2,404,267; July 16.

Barnes, Carl E., Belvidere, N. J., assignor to Polaroid Corporation, Cambridge, Mass. Methacrylic esters and copolymers thereof. 2,404,268; July 16.

Barnes, Charles E., New York, N. Y. Jigsaw puzzle. 2,395,312; Feb. 19.

Barnes, Charles F., Marion, N. C. Link for knitting machine chains. 2,397,939; Apr. 9.

Barnes Drill Co., assignee: *See*—
Olsen, Joseph O.
Seborg, Earnest Y., Caldwell, and Manning.

Barnes, Elias B., Elkhart, Ind. Heater. 2,402,010; June 11.

Barnes, Eugene L., and H. A. Brenner, Buffalo, N. Y. Flexible applicator. 2,397,232; Mar. 26.

Barnes, Frederick A., Cleveland Heights, Ohio, assignor to Bailey Meter Company. Machine tool control. 2,412,957; Dec. 24.

Barnes, Galen W., Indianapolis, Ind. Seat dressing tool. 2,412,859; Dec. 17.

Barnes, Gladeon M., Hastings, Mich. Tank. 2,396,073; Mar. 5.

Barnes, James F., Chicago, Ill., assignor to J. F. Barnes, trustee. Belt link. 2,399,659; May 7.

Barnes, James F., trustee: *See*—
Barnes, James F.
Heckman, John A.
Nyberg, Curt E.
Painter, David L.
Rebholz, Elmer F.

Barnes, John S., assignor to Skaneateles Boats, Inc., Skeneateles, N. Y. Making laminated articles. 2,411,497; Nov. 26.

Barnes, John W., assignee, et al.: *See*—
Donaldson, Jefferson R.

Barnes & Jones, Incorporated, assignee: *See*—
Jones, William T.

Barnes, Joseph L., Indianapolis, Ind. Knife sharpener. 2,404,025; July 16.

Barnes, Lewis C., Rutland, Vt., and R. B. Holt, Los Angeles, Calif., assignors to The Howe Scale Company, Rutland, Vt. Recording scale. 2,404,562; July 23.

Barnes, Llewellyn T., Hempstead, assignor to Bi-Metal Piston Ring Corporation, New York, N. Y. Making piston rings. 2,397,308; Mar. 26.

Barnes, Marion W., assignor to Universal Oil Products Company, Chicago, Ill. Furnace structure. 2,395,091; Feb. 19.

Barnes Motor Developments Company, assignee: *See*—
Barnes, William B.

Barnes, Norman F., and K. R. Geiser, Schenectady, N. Y., assignors to General Electric Company. Sighting apparatus for firearms. 2,393,013; Jan. 15.

Barnes, Robert B., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Method of and apparatus for detecting camouflage. 2,394,508; Feb. 5.

Barnes, Robert B., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Refractometer for chemical reactions. 2,413,208; Dec. 24.

Barnes, Walter C., Lake Bluff, and H. W. Keevil, Highland Park, Ill. Method and apparatus for detecting flaws in rails. 2,410,803; Nov. 12.

Barnes, William B., Muncie, Ind., assignor to Barnes Motor Developments Company. Overdrive transmission. 2,403,781; July 9.

Barnet Ensign Limited, assignee: *See*—
Hunter, Douglas G.

Barnett, Harold M., Long Beach, Calif. Carotene extraction. 2,412,707; Dec. 17.

Barnett, Harold M., Long Beach, and R. C. Mosher, Downey, Calif.; said Mosher assignor to said Barnett. Pulp washer. 2,408,191; Sept. 24.

Barnhart, Edgar W., assignor to The General Excavator Company, Marion, Ohio. Combined brake and stabilizer control. 2,400,803; May 21.

Barnhill, George B., Oakland, assignor of one-half to H. B. Moses, San Francisco, Calif. Plant stimulants and making them. 2,392,518; Jan. 8.

Barnsteiner, Alfons, Mansfield, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Heating apparatus. 2,393,879; Jan. 29.

Barnum, Emmett R.: *See*—
Zublin, Ernest W., White, and Barnum.

Barr, Charles R., Bellevue, Pa. Stoker feed mechanism. 2,411,703; Nov. 26.

Barr, Harry F., assignor to General Motors Corporation, Detroit, Mich. Hydraulic lash adjuster. 2,394,354; Feb. 5.

Barr & Stroud, Limited, assignee: *See*—
Strang, John M.
Strang, John M., and Bell.
Strang, John M., and Foster.

Barr, Thomas: *See*—
Speakman, John B., and Barr.

Barr, Willie L., San Angelo, Tex., assignor to Comet Model Airplane & Supply Company, Incorporated. Model airplane control. 2,395,530; Feb. 26.

Barraclough, Edgar: *See*—
Mossay, Paul A. H., Schwarz, and Barraclough.

Barraja-Frauenfelder, Joseph, Upper Montclair, and O. G. Schrom, Montclair, N. J., assignors to American Locomotive Company, New York, N. Y. Combustion engine power plant. 2,395,443; Feb. 26.

Barrer, Richard M., Bingley, England. Manufacture of crystalline absorbents. 2,413,134; Dec. 24.

Barrett, James B., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Reel. 2,393,733; Jan. 29.

Barrett, John H., assignor to The Lapointe Machine Tool Company, Hudson, Mass. Magnetic fixture. 2,400,062; May 14.

Barrett, John H., assignor to The La Pointe Machine Tool Company, Hudson, Mass. Magnetic fixture. 2,405,773; Aug. 13.

Barrett, Richard C., assignor of one-half to R. W. Barrett, Bristol, Conn. Glass cutter. 2,394,138; Feb. 5.

Barrett, Robert W., assignee: *See*—
Barrett, Richard C.

Barrett, William, International Falls, assignor to Minnesota and Ontario Paper Company, Minneapolis, Minn. Coating papers. 2,406,056; Aug. 20.

Barrett, William H., and B. K. Asdell, International Falls, assignors to Minnesota and Ontario Paper Company, Minneapolis, Minn Coating apparatus. 2,406,057; Aug. 20.

Barrett, William J.: *See*—
Loomis, Chauncey C., and Barrett.

Barrick, Paul L., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical process and products. 2,403,207; July 2.

Barron, Edward T., Minneapolis, Minn. Differential locking means. 2,409,729; Oct. 22.

Barron-Gray Packing Company, assignee: *See*—
Erickson, Arvid M., and Ryan.

Barron, Jacob B., Calgary, Alberta, Canada. Coin wrapping machine. 2,394,886; Feb. 12.

Barron, John T., Boston, Mass., assignor to Kinney Manufacturing Company, Jamaica Plain, Mass. Clutch. 2,392,719; Jan. 8.

Barron, Joseph M., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Cracking of hydrocarbon oils. 2,398,280; Apr. 9.

Barron, Joseph M., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Combination catalytic and thermal conversion. 2,403,486; July 9.

Barron, Joseph M., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Cracking and coking of hydrocarbon oils. 2,406,312; Aug. 27.

Barron, Joseph M., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Cracking and coking hydrocarbon oils. 2,406,313; Aug. 27.

Barrowclough, William Y., Cadillac, Mich., assignor to Insulated Windows, Inc. Window ventilator. 2,398,914; Apr. 23.

Barrows, Alford C.: *See*—
Langford, George W., and Barrows.

Barrows, George H., Hillsboro, Oreg. Fruit pitter. 2,392,451; Jan. 8.

Barry, Arthur J., assignor to The Dow Chemical Company, Midland, Mich. Organo-silicon esters and materials treated therewith. 2,405,988; Aug. 20.

Barry, William R., deceased, Valdosta, Ga.; W. R. Dewberry, administratrix. Apparatus for determining geographic positions celestially. 2,407,467; Sept. 10.

Barsky, George, assignor to E. F. Drew & Co., Inc., New York, N. Y. Propellent powders containing pelargonic esters. 2,396,074; Mar. 5.

Barsotti, Russell F., assignee, et al.: *See*—
De Michel, Frank.

Barsotti, Vincent J., assignee, et al.: *See*—
De Michel, Frank.

Bart, Edward H., Elizabeth, N. J., assignor to American Cyanamid Company, New York, N. Y. Production of para nitroacetanilide. 2,406,578; Aug. 27.

Bartelheim, Leland A., Berwyn, and E. C. Neuhaus, Chicago, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Apparatus for assembling articles. 2,394,837; Feb. 12.

Bartelink, Everhard H. B., West Milton, N. Y., assignor to General Electric Company. Pulse system. 2,392,114; Jan. 1.

Barth, Robert H.: *See*—
Bowman, Philip I., Barth, and Burrell.
Burghardt, Raymond F., and Barth.

Barth, Sandor B., assignor to M. Galman, Philadelphia, Pa., trading as Imperial Lamp and Shade Company. Lamp shade and making the same. 2,408,594; Oct. 1.

Bartholomew, Byron J., Burton, Ohio. Prefabricated wallboard construction. 2,399,978; May 7.

Bartholomew, Earl, Birmingham, Mich., assignor to Ethyl Corporation, New York, N. Y. Antiknock agent. 2,398,281; Apr. 9.

Bartholomew, Earl, Birmingham, Mich., assignor to Ethyl Corporation, New York, N. Y. Antiknock agent. 2,398,282; Apr. 9.

Bartholomew, Fred A., New Orleans, La. Condensing motor. 2,395,984; Mar. 5.

Bartholy, Frederick E., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Time delay circuit. 2,393,014; Jan. 15.

Bartimore, Roy E., Milwaukee, Wis. Glove turning apparatus. 2,404,346; July 23.

Bartleson, John D.: *See*—
Hughes, Everett C., and Bartleson.

Bartleson, John D., assignor to The Standard Oil Company, Cleveland, Ohio. Additives for lubricants. 2,405,894; July 9.

Bartleson, John D., and F. Veatch, assignors to The Standard Oil Company, Cleveland, Ohio. Additive for lubricants. 2,403,474; July 9.

Bartlett, C. O., & Snow Company, The, assignee: *See*—
Smith, Benjamin A.

Bartlett, Edward P., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Formic acid esters. 2,405,936; Aug. 20.

Bartnovsky, Leopold, New York, N. Y. Diamond holder or dop for holding diamonds. 2,395,952; Mar. 5.

Barto, Luther A., Allentown, Pa. Hydraulic lathe center. 2,401,979; July 2.

Bartolero, Carlo: *See*—
Stratford, Charles W., and Bartolero.

Barton, Clarence R.: *See*—
Epstein, Moses P., and Barton.

Barton, Daniel M.: *See*—
Ayers, George W., and Barton.

Barton, Loy E., Collingswood, and H. R. Dyson, Haddonfield, N. J., assignors to Radio Corporation of America. Signaling apparatus. 2,400,063; May 14.

Barton, Warren H., Prince Bay, Staten Island, and H. M. Snell, Rockville Centre, N. Y. Combined package and serving container. 2,401,038; May 28.

Bartsch, Herbert E.: *See*—
Camp, Percy B., and Bartsch.

Bartsch, Herbert E., Chicago, Ill., assignor to Universal Railway Devices Company. Running board. 2,401,401; June 4.

Bartz, Melvin: *See*—
Miller, Robert L., and Bartz.

Barwich, Heinz, Berlin-Halensee, Germany; vested in the Alien Property Custodian. Apparatus for and method of producing metallic coatings. 2,397,400; Mar. 26.

Bascom, Henry M.: *See*—
Abbott, Henry H., and Bascom.

Bascom, Henry M., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Monitoring system. 2,407,241; Sept. 10.

Bascom, Henry M., New York, N. Y., and F. A. Hubbard, Maplewood, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,403,475; July 9.

Bascom, Roger C., Port Clinton, Ohio, assignor to The Standard Products Corporation, Detroit, Mich. Window channel. 2,412,796; Dec. 17.

Bascom, Roger C., Port Clinton, Ohio, and D. Roberts, deceased, New York, by D. Roberts, Jr., executor, assignors to Rubatex Products, Inc., New York, N. Y. Gassing rubber. 2,412,072; Dec. 3.

Baselt, Walter H., Tucson, Ariz., and C. E. Tack, assignors to American Steel Foundries, Chicago, Ill. Rotor and making. 2,410,195; Oct. 29.

Bashour, Joseph T., assignor to E. R. Squibb & Sons, New York, N. Y. Producing substantially pure d-tubocurarine chloride. 2,409,241; Oct. 15.

Basic Refractories, Inc., assignee: *See*—
Schoenlaub, Robert A.

Basic Vegetable Products Co., assignee: *See*—
Miller, Martha W.

Basnett, Robert T.: *See*—
Ellis, Delbert, Taylor, and Basnett.

Basolo, Menoto D., assignor to Lockheed Aircraft Corporation, Burbank, Calif. Making molded drill jigs. 2,392,804; Jan. 15.

Bassett, Charles H., assignor to Crane Co., Chicago, Ill. Indicator for valves. 2,407,944; Sept. 17.

Bassett, Cyrus W., Long Branch, N. J., assignor to National Pneumatic Company, New York, N. Y. Moisture ejection device for air pressure systems. 2,410,790; Nov. 12.

Bassett, Edward H.: *See*—
Lucia, Louis V., and Bassett.

Bassett, Lloyd L., West Los Angeles, Calif. Lipstick applicator and container combination. 2,412,073; Dec. 3.

Bassett, Robert S., Buffalo, N. Y. Accuracy regulating fluid meters. 2,404,823; July 30.

Bassichis, William M., Cleveland Heights, assignor to Convenient Carrier Corporation, Cleveland, Ohio. Bottle carrier grill. 2,404,685; July 23.

Bassick Company, The, assignee: *See*—
Herold, Walter F.

Bassist, Rudolph, New York, N. Y. Needle-controlling mechanism for knitting machines. 2,406,579; Aug. 27.

Bassist, Rudolph, assignor of forty-five per cent to himself, ten per cent to H. H. Stern, twenty-two and one-half per cent to E. Abrams, and twenty-two and one-half per cent to E. April, New York, N. Y. Yarn-control mechanism for warp knitting machines. 2,400,064; May 14.

Bastian Blessing Co., assignee: *See*—
Norway, Harold L.

Bastian Blessing Co., The, assignee: *See*—
Buttner, William C.
Buttner, William C., and Sundstrom.
Hartung, Floyd I.
McMahon, Alexander F.
Poethig, Robert E.
Windsor, Frederick N.

Bastick, Raymond E., W. M. Hampton, and T-H. Wang, assignors to Chance Brothers Limited, Smethwick, Birmingham, England. Optical glasses. 2,406,580; Aug. 27.

Batchelder, Augustus H. and F. S. Rollins, Jr., Berkeley, assignors, by mesne assignments, to California Research Corporation, San Francisco, Calif. Foam inhibited oil. 2,402,487; June 18.

Batchelder, George W., Mantua, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of tetryl. 2,405,340; Aug. 6.

Batchelder, George W., Mantua, and W. M. Nagle, J. C. Vyverberg, and J. M. Willis, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical process. 2,400,904; May 28.

Batchelder, Laurence, Cambridge, assignor to Submarine Signal Company, Boston, Mass. Electric compensator. 2,406,340; Aug. 27.

Batchelder, Laurence, Cambridge, assignor, by mesne assignments, to Submarine Signal Company, Boston, Mass. Electrical apparatus. 2,407,242; Sept. 10.

Batchelder, Laurence, Cambridge, assignor, by mesne assignments, to Submarine Signal Company, Boston, Mass. Magnetostriction oscillator. 2,407,243; Sept. 10.

Batchelder, Laurence, Cambridge, assignor, by mesne assignments, to Submarine Signal Company, Boston, Mass. Apparatus for submarine signaling. 2,407,244; Sept. 10.

Batchelder, Laurence, Cambridge, assignor, by mesne assignments, to Submarine Signal Company, Boston, Mass. Apparatus for submarine signaling. 2,407,643; Sept. 17.

Batchelder, Laurence, Cambridge, assignor, by mesne assignments, to Submarine Signal Company, Boston, Mass. Sending and receiving compressional waves. 2,408,028; Sept. 24.

Batchelder, Laurence, Cambridge, assignor, by mesne assignments, to Submarine Signal Company, Boston, Mass. Compressional wave transmitting and receiving apparatus. 2,408,404; Oct. 1.

Batcheller, Clements, Glens Falls, N. Y. Electrolytic polishing. 2,409,097; Oct. 8.

Batchelor, Clyde S., Nichols, Conn., assignor to Raybestos-Manhattan, Inc., Passaic, N. J. Bonded friction assembly. 2,406,653; Aug. 27.

Bateman, Amos W.: *See*—
Bany, Herman, and Bateman.
Gittings, William N., and Bateman.

Bates, Beulah H., assignee: *See*—
Bates, Walter A.

Bates, C. J., & Son, assignee: *See*—
Franz, Frederick.
Larson, Edwin H.
Marshall, Gertrude R.

Bates, Charles F. W.: *See*—
Gebauer, Charles L., and Bates.

Bates, Harold O., Cranford, N. J. Machine for applying labels to rubber hose or cable or the like. 2,402,357; June 18.

Bates, James E.: *See*—
Mueller, Fritz W., and Bates.

Bates, John E., Lansing, Mich. Control means for fuel feed systems. 2,405,126; Aug. 6.

Bates, John R., Swarthmore, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Catalyst manufacture. 2,395,836; Mar. 5.

Bates, John R., Swarthmore, and H. A. Shabaker, Media, Pa., assignors to Houdry Process Corporation, Wilmington, Del. Production of solid contact material. 2,412,958; Dec. 24.

Bates, Ralph E., West Medford, assignor to Submarine Signal Company, Boston, Mass. Submarine signaling apparatus. 2,400,870; May 28.

Bates, Walter A., assignor to B. H. Bates, Joliet, Ill. Anchor for gratings. 2,403,842; July 9.

Bates, William A.: *See*—
Woodward, Herbert S., and Bates.

Bathras, James E., Portland, Maine. Airplane propeller. 2,396,811; Mar. 19.

Battelle Memorial Institute, assignee: *See*—
Faust, Charles L.

Batten, Percy H., assignee, et al., trustee: *See*—
Lysholm, Alf.

Batten, Percy H., assignor to Twin Disc Clutch Company, Racine, Wis. Hydraulic coupling. 2,400,093; May 14.

Batterman, Carl H., Gering, Nebr. Level indicator for contour plowing. 2,405,634; Aug. 13.

Battersby, Robert B., Noroton Heights, and J. C. Prior, Stamford, Conn., assignors to S. Schwartz, New York, N. Y. Pocket flashlight. 2,412,313; Dec. 10.

Battershill, Frederick J.: *See*—
Lubbock, Isaac, and Battershill.

Battles, Guy W.: *See*—
Klausnitzer, Frank, and Battles.

Battley, Edwin R. and G. E. McCoy, Montreal, Quebec, Canada. Railway refrigerator car structure. 2,402,980; July 2.

Battley, Edwin R., and G. E. McCoy, Montreal, Quebec, Canada. Automatic trap for refrigerator car drain-pipes. 2,412,118; Dec. 3.

Baucum, William W., Laurel, assignor of one-half to S. S. Anderson, Hattiesburg, Miss. Device for loading revolver chambers simultaneously. 2,399,904; May 7.

Baudry, René A., and E. I. Pollard, Pittsburgh, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Generator. 2,393,956; Feb. 5.

Baudry, René A., Wilkinsburg, and F. C. Rushing and J. C. Fink, Pittsburgh, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Mechanical shock apparatus. 2,412,860; Dec. 17.

Bauer, Hans F., Chicago, J. V. Bauer, Elmwood Park, and D. M. Hawley, Geneva, Ill., assignors, by mesne assignments, to Stein, Hall & Co., Inc. Amylaceous derivatives. 2,396,937; Mar. 19.

Bauer, Hans F., and E. F. Glabe, Chicago, Ill., assignors, by mesne assignments, to Stein, Hall & Co., Inc. Inhibiting mold in dairy products. 2,412,596; Dec. 17.

Bauer, Jordan V.: *See*—
Bauer, Hans F., and J. V., and Hawley.

Bauer, Philip J., Basic Township, Nev. Sampling machine. 2,405,486; Aug. 6.

Bauer, Russell E., Detroit, Mich. Thread checker. 2,409,924; Oct. 22.

Bauer, Walter C.: *See*—
Briggs, Southwick W., Bauer, Ewbank, and Porter.

Bauer, Walter C., Chevy Chase, assignor, by mesne assignments, to The Briggs Filtration Company, Bethesda, Md. Filtering device. 2,401,039; May 28.

Bauersfeld, Walther, Jena, Germany; vested in the Alien Property Custodian. Antifriction bearing. 2,399,847; May 7.

Baughman, George W., assignor to The Union Switch & Signal Company, Swissvale, Pa. Remote control system. 2,394,971; Feb. 19.

Baughman, George W., assignor to The Union Switch & Signal Company, Swissvale, Pa. Remote-control system. 2,396,812; Mar. 19.

Baughman, George W., assignor to The Union Switch & Signal Company, Swissvale, Pa. Remote control system. 2,397,401; Mar. 26.

Baughman, George W., assignor to The Union Switch & Signal Company, Swissvale, Pa. Remote control system. 2,398,572; Apr. 16.

Baule, Gerhard H. J., Salina, N. Y. Attaching sutures to shanks of surgeons' needles. 2,411,079; Nov. 12.

Baum, Cleophus P., Washington, D. C. Airplane lift dolly. 2,392,830; Jan. 15.

Baum, Cleophas P., Washington, D. C. Airplane lift dolly. 2,393,602; Jan. 29.

Baum, John L., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Fixture for assembling articles. 2,399,536; Apr. 30.

Bauman, Douglas B., West Haven, Conn. Flying wing aircraft. 2,402,358; June 18.

Bauman, Ted, Milwaukee, Wis. Device for making butter curls or butter rolls. 2,395,797; Mar. 5.

Bauman, William C.: *See*—
Hunter, Melvin J., and Bauman.

Baumann, Frederick W., Scotia, N. Y., assignor to General Electric Company. Induction frequency changer. 2,399,905; May 7.

Baumann, Harold C., Elizabeth, N. J., assignor to Federal Telephone & Radio Corporation, New York, N. Y. Radio direction finder system. 2,412,959; Dec. 24.

Baumann, Karl, Mere, Knutsford, England, assignor to Metropolitan Vickers Electrical Company Limited, London, England. Turbine, turbine type compressor, and the like rotating machine. 2,410,760; Nov. 5.

Baumann, Karl, Mere, Knutsford, assignor to Metropolitan-Vickers Electrical Company Limited, London, England. Turbine. 2,410,804; Nov. 12.

Baumann, Karl, Mere, Knutsford, England, assignor to Metropolitan-Vickers Electrical Company, Limited, London, England. Internal-combustion turbine plant. 2,411,124; Nov. 12.

Baumann, Roger C., West Memphis, Ark. Lixiviating mechanism. 2,392,452; Jan. 8.

Baumfalk, John, Clifton, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Traffic control system. 2,395,798; Mar. 5.

Baumgardner, Earl J., Marion, Iowa, assignor to H. A. Douglas Mfg. Co., Bronson, Mich. Electric switch. 2,413,135; Dec. 24.

Baumgarten, Paul.: *See*—
Udall, Frederick M., and Baumgarten.

Baumgartner, Frank E., Spokane, Wash. Grease trap for range hoods. 2,393,957; Feb. 5.

Baumgartner, Fred, Kansas City, Mo. Game device. 2,410,800; Nov. 12.

Baumgartner, Richard A.: *See*—
Sharpe, Donnld B., and Baumgartner.

Baumgartner, Robert M., Haverhill, and J. K. Smith, Lawrence, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J. Shoe sewing machine. 2,392,304; Jan. 8.

Baunach, Roy J., assignor to The Swartzbaugh Manufacturing Company, Toledo, Ohio. Food conveyer or heater. 2,409,528; Oct. 15.

Baur, John W.: *See*—
Gustafsson, Erie, and Baur.

Bausch & Lomb Optical Company, assignee: *See*—
Benford, James R.
Bouchard, Samuel E.
Boughton, Ollin W., Horsfall, and Perkins.
Burgert, Harold E., and Butterfield.
Eckert, Clarence J.
Flint, Edward F.
Fraser, Walter A.
Gallasch, George E.
Holman, Arthur J.
Hutchings, Charles F.
Kurtz, Henry F., and Morrison.
McKinstry, George W.
Stegeman, Raymond F. E.
Strnat, Harold W.
Street, Donald T.
Swope, Joe E., Jr., Turner, and Ullrich.
Turner, Arthur F.
Wolfe, Bernard J.
Young, Roger D.

Bavley, Abraham, Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. Color photography. 2,395,776; Feb. 26.

Bavley, Abraham, Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. Color photography. 2,403,040; July 2.

Bavley, Abraham, Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. 1-substituted-2, 5-diketo-7-methyl-pyrimidopyrazoles as couplers for color photography. 2,403,329; July 2.

Bavley, Abraham, Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. Acylaceto guanazols. 2,406,654; Aug. 27.

Bavly, Abraham, Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. 4,4'-bis(pyrazolone) couplers for color photography. 2,411,951; Dec. 3.

Bax, Alfred R., Laurel Springs, H. F. Kielhorn, Oaklyn, and W. E. Forney, Merchantville, N. J., assignors to Cities Service Oil Company, New York, N. Y. Manufacturing lithium base greases. 2,406,655; Aug. 27.

Baxa, Edward H.: *See*—
Maxson, Walter L., Fagnant, and Baxa.

Baxter Laboratories, Inc., assignee: *See*—
Nesset, Maurice M., and Nawoj.

Bay Chemical Company, Inc., assignee: *See*—
Reeves, Howard F., Jr., and Andrews.

Bay Products Corporation, assignee: *See*—
Keema, Alexander W.

Bayles, John W., Roker, Sunderland, assignor to A. Reyrolle & Company Limited, Hebburn-on-Tyne, England. Electric generator. 2,404,209; July 16.

Bayles, John W., Roker, Sunderland, and A. T. Robertson, Newcastle-on-Tyne, assignors to A. Reyrolle & Company Limited, Hebburn-on-Tyne, England. Variable impedance choke. 2,402,721; June 25.

Bayless, Patrick A., Syracuse, N. Y. Pneumodynamic extractor. 2,406,187; Aug. 20

Baymiller, John W., and R. W. Vose, West Springfield, assignors to A. G. Spalding & Bros. Inc., Chicopee, Mass. Golf club and manufacturing the same. 2,395,837; Mar. 5.

Baya, George S., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Well logging. 2,392,357; Jan. 8.

Bazant, William: *See*—
Tascher, Eugene S., and Bazant.

Bazley, Carl E., Schenectady, N. Y., assignor to General Electric Company. Control device. 2,398,994; Apr. 23.

Bazley, Carl E., Schenectady, N. Y., assignor to General Electric Company. Electromagnet. 2,405,396; Aug. 6.

Bazzoni, Charles B., Wallingford, Pa., and J. W. Millington, Beaumont, Tex., assignors to Sperry-Sun Well Surveying Company, Philadelphia, Pa. Electrical prospecting apparatus. 2,408,029; Sept. 24.

Beach, Fred S. and R. B., Charlotte, Mich. Consumption register. 2,394,972; Feb. 19.

Beach, Fred S. and R. B., Charlotte, Mich. Consumption recorder attachment for meters. 2,398,352; Apr. 16.

Beach, George, Newark, Ohio, assignor to Owens-Corning Fiberglas Corporation. Traversing mechanism. 2,391,870; Jan. 1.

Beach, Howard D., assignor to Beach Lens Corporation, Buffalo, N. Y. Lens. 2,405,989; Aug. 20.

Beach, Justice H., Canton, assignor to The Hoover Company, North Canton, Ohio. Valve. 2,405,127; Aug. 6.

Beach, Lennox F., Merrick, N. Y., assignor to The Purves Corporation, Springfield, Mass. Magnetic field responsive device. 2,410,039; Oct. 29.

Beach, Lennox F., and O. E. Esval, Merrick, and A. W. Lane, Freeport, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Directional gyroscope. 2,406,341; Aug. 27.

Beach, Lennox F., Port Washington; O. E. Esval, Huntington, and A. W. Lane, Roosevelt, N. Y., assignors to Sperry Gyroscope Company, Inc. Locking mechanism for directional gyroscopes. 2,406,342; Aug. 27.

Beach Lens Corporation, assignee: *See*—
Beach, Howard D.

Beach, Ludlow F., Charleston, S. C., assignor to Foster Wheeler Corporation, New York, N. Y. Apparatus for pulverizing materials. 2,398,774; Apr. 23.

Beach, Ralph H., Rockdale, Md., assignor to May Oil Burner Corporation. Means for arresting cavitation in operation of pumps. 2,392,720; Jan. 8.

Beach, Ralph M.: *See*—
Robinson, Edwin A., and Beach.
Rossiter, Laurence E., and Beach.

Beach, Rose B.: *See*—
Beach, Fred S. and R. B.

Beachler, Edward D.: *See*—
Hornbostel, Lloyd, and Beachler.

Beadle, Doris L. H.: *See*—
Beadle, George W. and D. L. H.

Beadle, George W. and D. L. H., Snaresbrook, England. Catamenial device. 2,412,861; Dec. 17.

Beal, Albert H., Houston, Tex. Deviation recording device. 2,405,937; Aug. 20.

Beal, Anne A.: *See*—
Peters, Melville F., and Beal.

Beal, George D., Pittsburgh, Pa., and C. Y. Emery, Westfield, N. J., assignors to Chesebrough Manufacturing Company, Consolidated, New York, N. Y. Bandage package. 2,402,981; July 2.

Beal, James F., Renfrew, Ontario, Canada, assignor to The Brant Electric Company, Bridgeport, Conn. Circuit controller. 2,404,940; July 30.

Beale, Charles E.: *See*—
Gillings, Charles, and Beale.
Gillings, Charles, Beale, and Terroni.

Beale, Evelyn S. L., Staines, assignor to Alan Muntz & Company Limited, Hounslow, England. Two-stroke piston-controlled engine. 2,408,030; Sept. 24.

Beale, Evelyn S. L., Staines, assignor to Alan Muntz & Company Limited, Hounslow, England. Free piston internal-combustion engine. 2,408,031; Sept. 24.

Beale, Evelyn S. L., Staines, assignor to Alan Muntz & Company Limited, Hounslow, England. Oscillating fluid-displacing machines operating in parallel. 2,408,362; Oct. 1.

Beall, Frank E.: *See*—
Weston, Bonheur M., and Beall.

Beam, Vilynn O., B. Cyr, and J. M. Wilson, assignors to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Resistance bulb thermostat. 2,403,843; July 9.

Bean, Arthur W., Brough, England. Apparatus for distributing seed or powdered and like materials on the ground. 2,397,590; Apr. 2.

Bean, Frederic R., assignor to Eastman Kodak Company, Rochester, N. Y. Preparation of N-substituted aminophenols. 2,394,587; Feb. 12.

Bean, Frederic R., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic developer. 2,394,588; Feb. 12.

Bean, Frederic R., assignor to Eastman Kodak Company, Rochester, N. Y. Preparation of n-methyl-p-aminophenol. 2,397,911; Apr. 9.

Bean, Frederic R., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic developer. 2,407,600; Sept. 10.

Bean, Harry J., Brooklyn, N. Y. Lifesaving and sporting raft. 2,396,148; Mar. 5.

Bean, Morris, assignee, et al.: *See*—
Bean, Xarifa L.

Bean, Morris, Yellow Springs, Ohio. Molding. 2,402,528; June 25.

Bean, Roscoe D., Ridgewood, N. J., and H. J. Murray, assignors to Signal Engineering & Manufacturing Company, New York, N. Y. Electrical control device and circuit. 2,402,722; June 25.

Bean, Ruric N.: *See*—
Allen, Herbert, and Bean.

Bean, Ruric N., assignor to Cameron Iron Works, Houston, Tex. Sealing and testing well head connections. 2,402,723; June 25.

Bean, Xarifa, assignee, et al.: *See*—
Bean, Xarifa L.

Bean, Xarifa L., assignor to Antioch College, M. and X. Bean, A. D. Henderson, A. E. Morgan, and W. Beatty, Yellow Springs, Ohio. Expansion control of molds and the like. 2,400,905; May 28.

Beanblossom, Joy E., Niagara Falls, and R. H. Kimball, Lewiston, assignors to Hooker Electrochemical Company, Niagara Falls, N. Y. Production of alkyl mercaptans. 2,404,425; July 23.

Beane, Walter H., Klamath Falls, Oreg. Apparatus for stacking lumber. 2,397,720; Apr. 2.

Bear Brand Hosiery Co., assignee: *See*—
Nybula, Bert.

Beard, Bert: *See*—
Udale, Stanley M., and Beard.

Beard, Charles L., Lancaster, Pa. Light tool. 2,393,880; Jan. 29.

Beard, Charles L., Lancaster, Pa. Eccentric driving connections. 2,394,741; Feb. 12.

Beard, Charles L., Lancaster, Pa. Point marker. 2,408,595; Oct. 1.

Beard, Joseph G., Haddonfield, and R. W. Harralson, Masonville, N. J., assignors to Radio Corporation of America. Method of and system for translating signals. 2,404,026; July 16.

Beardsell, Allyn C., Springfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. One-piece self-locking carton. 2,393,277; Jan. 22.

Beardsell, Allyn C., Springfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. One-piece self-locking carton. 2,393,734; Jan. 29.

Beardsley, Charles S., assignor to Miles Laboratories, Inc., Elkhart, Ind. Dispensing container. 2,410,923; Nov. 12.

Beardsley, Orie L., Washington, D. C. Nut and screw mechanism. 2,406,343; Aug. 27.

Beasley, Milton R., Norwood, Mass., assignor to Bird & Son, Inc., East Walpole, Mass. Roof. 2,411,771; Nov 26.

Beasley, Noah N., Pasadena, Calif. Sawhorse. 2,412,764: Dec. 17.

Beatrice Creamery Company, assignee: *See*—
Chapin, Edward K.
North, Gerald C., and Alton.

Beatrice, Gabriel C., Shrewsbury, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Support and release means for bobbin receivers. 2,411,353; Nov. 19.

Beatrice, Gabriel C., Shrewsbury, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Bobbin receiver for weft replenishing looms. 2,411,354; Nov. 19.

Beattie, Horace S., Poughkeepsie, N. Y., and W. K. David, Verona, N. J., assignors to International Business Machines Corporation, New York, N. Y. Electrical switch. 2,412,384; Dec. 10.

Beattie, Kenneth B.: *See*—
Beattie, Roland P., K. W., K. B., and R. P., II.

Beattie, Kenneth W.: *See*—
Beattie, Roland P., K. W., K. B., and R. P., II

Beattie, Roland P., II.: *See*—
Beattie, Roland P., K. W., K. B., and R. P., II.

Beattie, Roland P., K. W., K. B., and R. P., II, Summit, N. J. Photographic camera. 2,411,704; Nov. 26.

Beatty, Clarence E., Bremerton, Wash. Dry shaver. 2,402,233; June 18.
North, Gerald C., and Alton.

Beatty, John T., Kenilworth, and D. L. Bennett, Flossmoor, assignors to United Specialties Company, Chicago, Ill. Mounting for cleaner elements. 2,406,188; Aug. 20.

Beatty, William, assignee, et al.: *See*—
Bean, Xarifa L.

Beatty, William A., and L. W. Houghton, London, England, assignors to International Standard Electric Corporation. System for the electric transmission of sound and other waves. 2,406,790; Sept. 3.

Beaud, Emile, Albeuve, Fribourg, assignor to House Maurice Beaud & Fils, Albeuve, Switzerland. Dismountable barrack. 2,412,242; Dec. 10.

Beaumier, Austin H., North Hollywood, Calif. Dispensing latex and the like. 2,402,310; June 18.

Beaven, Leslie W., Chicago, Ill. Fuel preheating device. 2,399,783; May 7.

Beaver Pipe Tools, Inc., assignee: *See*—
Pealer, Robert B.

Beavon, Alfred W., assignor to A. C. Wickman Limited, Coventry, England. Center drill. 2,392,519; Jan. 8.

Bechik, Michael, St. Paul, Minn. Flexible mattress handle. Re. 22,807; Oct. 29.

Bechik, Michael, and W. F. Caster, St. Paul, Minn. Handle for box springs and the like. 2,410,258; Oct. 29.

Bechle, Charles W.: *See*—
Olson, John W., and Bechle.

Bechler, André, Moutier, Switzerland. Disengaging coupling. 2,403,208; July 2.

Bechler, André, Moutier, Switzerland. Motion-transmitting lever for automatic machine tools. 2,404,210; July 16.

Bechler, André, Moutier, Switzerland. Device for retarding the disengagement of an automatic machine. 2,405,635; Aug. 13.

Bechman, William O.: *See*—
Baker, David B., and Bechman.
Rogers, Clifford R., Bechman, and Ziskal.
Theiander, W. Vincent, De Coursey, Bechman, and Henning.

Bechman, William O., H. A. Land, and R. D. Acton, Chicago, Ill., assignors to International Harvester Company. Final drive structure for crawler tractors. 2,405,549; Aug. 13.

Bechtel Brothers McCone Company, assignee: *See*—
Rhoades, Russell G.

Bechtold, Max F., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coated methyl methacrylate polymer. 2,404,357; July 23.

Bechtold, Max F., and P. S. Pinkney, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Surface characteristics of solid organic polymers. 2,404,426; July 23.

Beck, Alfred C., Red Bank, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coupling arrangement. 2,408,032; Sept. 24.

Beck, Alfred C., Red Bank, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coupling system. 2,408,033; Sept. 24.

Beck, Alfred C., Red Bank, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Microwave antenna. 2,409,183; Oct. 15.

Beck, Bjorn O., assignor to Newark Stove Company, Newark, Ohio. Thermostatically controlled heating unit. 2,396,238; Mar. 12.

Beck, Charles J., assignor of one-half to E. Armstrong, Fargo, N. Dak. Ice remover. 2,400,906; May 28.

Beck, Cornelius C., Altoona, Pa. Earring. 2,398,995; Apr. 23.

Beck, Edward R., Salt Lake City, Utah. Welder's shield. 2,396,239; Mar. 12.

Beck, Lester E., near Danville, Iowa. Power driven earth auger. 2,400,478; May 21.

Beck, Morris B., Lawrence, assignor to Consolidated Investing Company, New York, N. Y. Portable fluorescent lamp. 2,413,599; Dec. 31.

Beck, Rudolf, Fairfield, Conn., assignor to Manning, Maxwell & Moore, Incorporated, New York, N. Y. Differential pressure gauge. 2,403,256; July 2.

Beck, William J.: *See*—
Fry, George H.

Beck, William R., assignor to Goodman Manufacturing Company, Chicago, Ill. Coal mine haulage vehicle. 2,399,619; May 7.

Beck, William R., assignor to Goodman Manufacturing Company, Chicago, Ill. Coal mine haulage vehicle. 2,405,636; Aug. 13.

Beckelman, Abraham, New York, N. Y. Apparatus for forming an ornamental trimming. 2,404,941; July 30.

Becker, Aloysius W., Chicago, Ill. Ash tray. 2,396,075; Mar. 5.

Becker, Earl A., Topeka, Kans. Clothes rack or stand. 2,410,563; Nov. 5.

Becker, Frederick E., Portland, Oreg. Pipe coupler interlock. 2,413,402; Dec. 31.

Becker, George, Forest Hills, N. Y. Hinge and latch construction. 2,398,573; Apr. 16.

Becker, George A., assignor to Eitel-McCullough, Inc., San Bruno, Calif. Electron tube and electrode for the same. 2,395,313; Feb. 19.

Becker, George A., assignor to Eitel-McCullough, Inc., San Bruno, Calif. Vacuum pump. 2,397,591; Apr. 2.

Becker, George A., assignor to Eitel-McCullough, Inc., San Bruno, Calif. Making electronic tubes. 2,401,040; May 28.

Becker, Gottfried, Buderich, near Dusseldorf, K. Daeves, Dusseldorf, and F. Steinberg, Dusseldorf-Eller, Germany; vested in the Alien Property Custodian. Introduction of chromium into steel articles. 2,399,848; May 7.

Becker, Harold J., assignor to Merck & Co., Inc., Rahway, N. J. Stabilized cuprous oxide. 2,409,413; Oct. 15.

Becker, John E., Toronto, Ontario, Canada. Snow removal apparatus. 2,403,257; July 2.

Becker, John S., Poughkeepsie, N. Y., assignor to Bendix Aviation Corporation, Teterboro, N. J. Hydraulic transmission apparatus. 2,411,772; Nov. 26.

Becker, Joseph, assignor, by mesne assignments, to Koppers Company, Inc., Pittsburgh, Pa. Coke-oven method. 2,402,592; June 25.

Becker, Lester O., assignor to J. Pavelka, St. Louis, Mo. Ratchet mechanism. 2,407,468; Sept. 10.

Becker, Rudolph, North Plainfield, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Presser-foot lifting mechanism for sewing machines. 2,401,216; May 28.

Becker, Rudolph, North Plainfield, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Work feeding mechanism for sewing machines. 2,409,242; Oct. 15.

Beckerman, Raymond, Danbury, Conn. Finger bandage. 2,407,735; Sept. 17.

Beckett, John C., U. S. Navy. Stud welding. 2,405,177; Aug. 6.

Beckman, Arnold O., assignee: *See*—
Mortensen, Raymond A.

Beckman, Charles E., and E. B. Dodds, Chicago, Ill., assignors to Better Packages, Inc., Shelton, Conn. Electrically controlled strip serving machine. 2,408,363; Oct. 1.

Beckman, Gustaf S., Cranston, R. I., assignor to Universal Winding Company, Boston, Mass. Bobbin-identifying device for winding machines. 2,411,242; Nov. 19.

Beckman, Gustaf S., Cranston, R. I., assignor to Universal Winding Company, Boston, Mass. Bobbin-identifying device for winding machines. 2,411,243; Nov. 19.

Beckstrom, Garfield L., assignor to Autopoint Company, Chicago, Ill. Container for pencil leads and the like. 2,408,902; Oct. 8.

Beckstrom, Harry A., assignor to J. G. Frost, Seattle, Wash. Igniting liquid fuel. 2,407,973; Sept. 24.

Beckwith, Edwin L., Brookline, Mass., and R. B. Harrison, Dover, N. H., assignors to Beckwith Manufacturing Company. Shoemaking. 2,412,385; Dec. 10.

Beckwith, Glenwood J., Brecksville, Ohio, assignor to The American Steel and Wire Company of New Jersey. Electropolishing stainless steel. 2,411,410; Nov. 19.

Beckwith, John R., assignor, by mesne assignments to Belmont Radio Corporation, Chicago, Ill. Direct coupled amplifier. 2,400,734; May 21.

Beckwith Manufacturing Company, assignee: *See*—
Beckwith, Edwin L., and Harrison.
Lovell, Stanley P., and Russell.

Beckwith, Raymond A., assignor to Koehring Company, Milwaukee, Wis. Dipper trip mechanism. 2,395,031; Feb. 19.

Beckwith, Wendell K., Whitewater, assignor to Milwaukee Electric Tool Corporation, Milwaukee, Wis. Planishing machine. 2,395,366; Feb. 19.

Bedford, Alda V.: *See*—
Wendt, Karl R., and Bedford.

Bedford, Alda V., Collingswood, N. J., assignor to Radio Corporation of America. Secret communication system. 2,401,402; June 4.

Bedford, Alda V., Collingswood, N. J., assignor to Radio Corporation of America. Cathode ray deflection circuit. 2,403,487; July 9.

Bedford, Alda V., Collingswood, N. J., assignor to Radio Corporation of America. Steering device. 2,404,942; July 30.

Bedford, Alda V., Collingswood, N. J., assignor to Radio Corporation of America. Pulse-echo position indicator. 2,412,669; Dec. 17.

Bedford, Alda V., Princeton, N. J., assignor to Radio Corporation of America. Secret signaling. 2,401,403; June 4.

Bedford, Alda V., Princeton, N. J., assignor to Radio Corporation of America. Electrical multiplying circuit. 2,401,404; June 4.

Bedford, Alda V., Princeton, N. J., assignor to Radio Corporation of America. Method of and means for synchronizing wave generators. 2,401,405; June 4.

Bedford, Alda V., and F. P. Wipff, Princeton, N. J., assignors to Radio Corporation of America. Reciprocal circuit for secret communication. 2,401,406; June 4.

Bedford, Alda V., Princeton, and K. R. Wendt, Hightstown, N. J., assignors to Radio Corporation of America. Signal correction circuit. 2,405,280; Aug. 6.

Bedford, Alexander W.: *See*—
Hall, Chester I., and Bedford.

Bedford, Burnice D., Schenectady, N. Y., assignor to General Electric Company. Electric circuit. 2,405,397; Aug. 6.

Bedford, Leslie H., London, England, assignor to A. C. Cossor Limited. Electrical apparatus. 2,402,359; June 18.

Bedingfield, Wade R., assignee: *See*—
Colley, George F.

Bednar, Joseph J., and S. P. Peck, McKeesport, Pa., assignor to National Tube Company. Forming cylinder ends. 2,408,596; Oct. 1.

Bednash, Casper S., Jersey City, assignor to Federal Telephone and Radio Corporation, Newark, N. J. Indicator. 2,401,327; June 4.

Beebe, Fredrick E., Willowick, Ohio. Pilot valve construction. 2,402,011; June 11.

Beech Aircraft Corporation, assignee: *See*—
Harmon, Ralph M.
Odevseff, Alec S.

Beecher, Eugene L., Cleveland Heights, assignor to The Gabriel Company, Cleveland, Ohio. Shock absorber. 2,394,355; Feb. 5.

Beecher, Eugene L., Cleveland Heights, assignor to The Gabriel Company, Cleveland, Ohio. Shock absorber. 2,394,356; Feb. 5.

Beecher, Eugene L., Cleveland Heights, assignor to The Gabriel Company, Cleveland, Ohio. Shock absorber. 2,396,227; Mar. 12.

Beechlyn, John T., Worcester, assignor to Submarine Signal Company, Boston, Mass. Spotting submarines. 2,405,990; Aug. 20.

Beech-Nut Packing Company, assignee: *See*—
McBean, Douglas M.

Beede, Arnold H., Fairfield, assignor to Electrolux Corporation, Old Greenwich, Conn. Cord winder. 2,393,511; Jan. 22.

Beedle, Harry L., Fort Lee, assignor to The Okonite-Callender Cable Company, Incorporated, Paterson, N. J. Buoyant electric cable. 2,396,273; Mar. 12.

Beedle, Harry L., Fort Lee, assignor to The Okonite-Callender Cable Company, Incorporated, Paterson, N. J. Buoyant electric cable. 2,396,274; Mar. 12.

Beedle, Harry L., Fort Lee, assignor to The Okonite-Callender Cable Company, Incorporated, Paterson, N. J. Buoyant electric cable. 2,409,529; Oct. 15.

Beedle, Percy J., Portland, Oreg. Centering device for lathes. 2,397,773; Apr. 2.

Beeh, Louis, Long Meadow, Mass. Multiple injection pump. 2,405,938; Aug. 20.

Beekley, Henry L., Glen Ellyn, R. H. Gilbert, Oak Park, and R. H. Lacart, Chicago, Ill., assignors to The Electtimatic Corporation. Valve. 2,398,775; Apr. 23.

Beekley, Nathan S., Jr.: *See*—
Lightbown, Irving E., and Beekley.

Bee-Line Company, assignee: *See*—
Smith, Roy D.

Beeman, Lyle, Ann Arbor, Mich. Pressure switch. 2,393,455; Jan. 22.

Beerbower, Alan: *See*—
Morway, Arnold J., and Beerbower.

Beerli, George A. G., North Arlington, N. J., assignor to Congoleum-Nairn Inc. Machine for reinforcement of flexible webs. 2,395,799; Mar. 5.

Beerli, Louis, Engelberg, Switzerland. Ski binding. 2,400,065; May 14.

Beers, George L., Haddonfield, N. J., assignor to Radio Corporation of America. Television apparatus. 2,400,066; May 14.

Beers, George L., Haddonfield, N. J., assignor to Radio Corporation of America. Television pickup control system. 2,403,628; July 9.

Beers, John R., Briar Cliff Manor, assignor to North American Philips Company, Inc., Dobbs Ferry, N. Y. Cathode ray tube assembly. 2,404,899; July 30.

Beery, Parris B., assignee: *See*—
Berlin, Nelson M.

Beese, Norman C., Verona, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. High efficiency fluorescent lamp. 2,392,305; Jan. 8.

Beese, Norman C., Verona, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Separation of gases. 2,394,357; Feb. 5.

Beeth, Clarence D., Jacksboro, Tex. Pulldown device. 2,393,603; Jan. 29.

Beesley, Reginald R., Memphis, Tenn. Lock-ring positioner for bearings. 2,393,735; Jan. 29.

Begeman, Charles R.: *See*—
Cramer, Paul L., and Begeman.

Beggs, Don, assignor, by mesne assignments, to Surface Combustion Corporation, Toledo, Ohio. Igniting means for burners. 2,398,611; Apr. 16.

Beggs, James E., Schenectady, N. Y., assignor to General Electric Company. Electron tube structure and the manufacture thereof. 2,402,119; June 18.

Beggs, James E., Scotia, N. Y., assignor to General Electric Company. Fabrication of discharge devices. 2,411,184; Nov. 19.

Beggs, Joseph S., Schenectady, and D. B. McRae, and J. H. Eagle, assignors to Eastman Kodak Company, Rochester, N. Y. Variable circle for stadiametric range finders. 2,405,731; Aug. 13.

Behr-Manning Corporation, assignee: *See*—
Oglesby, Nicholas E.

Behr, Samuel J., assignee, et al.: *See*—
Krauss, Phillip.

Behr, Siegfried, Flushing, N. Y. Lady's hair ornament. 2,407,393; Sept. 10.

Behrens, Herbert C., Haddon Heights, assignor to Samuel M. Langston Co., Camden, N. J. Cutoff drive mechanism. 2,394,589; Feb. 12.

Behrens, Herbert C., Haddon Heights, assignor to Samuel M. Langston Co., Camden, N. J. Mill rod stand. 2,405,637; Aug. 13.

Behrens, Herbert C., Haddon Heights, assignor to Samuel M. Langston Co., Camden, N. J. Adjusting and driving mechanism for rotary members. 2,412,243; Dec. 10.

Behrens, Walter A., Jamaica, assignor to Pathe Tool Manufacturing Co. Inc., Long Island City, N. Y. Shuttle holder. 2,400,528; May 21.

Behrens, Walter A., Jamaica, assignor to Pathe Tool Manufacturing Co. Inc., Long Island City, N. Y. Automatic stop device for sewing machines. 2,400,529; May 21.

Behrman, Abraham S., assignor to Infilco Incorporated, Chicago, Ill. Treating silica gel. 2,400,907; May 28.

Beier, Kurt A., assignor to Schwitzer-Cummins Company, Indianapolis, Ind. Fluid sealing device. 2,407,218; Sept. 10.

Beiji, Zako S., London, England. Roof of colliery or other workings. 2,398,130; Apr. 9.

Beimer, George M., Rutherford, assignor to Couse Laboratories, Newark, N. J. Storing and treating structure for welding electrodes. 2,391,940; Jan. 1.

Beinhart, Ernest G.: *See*—
Woodward, Charles F., Talley, Mayer, and Beinhart.

Beird, Charles, Wichita, Kans. Lathe attachment for making duplicate pieces. 2,399,315; Apr. 30.

Beiser, Elmer H., Peru, E. L. Berninger, La Salle, and M. E. Schlenker, Peru, Ill., assignors to General Time Instruments Corporation, New York, N. Y. Apparatus for testing and adjusting barometric fuses. 2,411,855; Nov. 19.

Beishline, Allen W., U. S. Navy. Gyro-horizon training device. 2,395,838; Mar. 5.

Bejeuhr, Walter, Bronx, assignor to American Turbotor Corporation, New York, N. Y. Rotary device for positive fluid action. 2,413,200; Dec. 244.

Belada, John, Glassboro, N. J., assignor to Owens-Illinois Glass Company. Filing machine. 2,407,053; Sept. 3.

Belanger, Albert P., Chicago, Ill. Shipping band for bombs and projectiles. 2,402,145; June 18.

Belanger, Albert P. D., Alton, Ill. Polygonal separable section container. 2,403,901; July 16.

Belanger, Albert P. D., assignor of one-half to J. Teller, Chicago, Ill. Packing case. 2,392,630; Jan. 8.

Belanger, Louis, Salem, Mass. Spot facing tool. 2,404,027; July 16.

Belar, Herbert: *See*—
Sinnett, Chester M., and Belar.

Belau, Kenneth E., Milwaukee, Wis. Support. 2,401,041; May 28.

Belcher, Clarence F., Bridgeton, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing chloroindanthornes. 2,413,483; Dec. 31.

Belcher, Daniel, assignor to Bemis Bro. Bag Co., Minneapolis, Minn. Closing bag tube ends. 2,406,791; Sept. 3.

Belcher, Harold H., assignor to Rodney Hunt Machine Company, Orange, Mass. Fulling mill. 2,409,011; Oct. 8.

Belchetz, Arnold, Kew Gardens, N. Y., assignor to The M. W. Kellogg Company, Jersey City, N. J. Hydrocarbon conversion. 2,408,725; Oct. 8.

Belden, Albert G., C. G. Flygare, and O. E. Hill, Worcester, Mass., assignors to Norton Company. Crankshaft grinding machine. 2,404,613; July 23.

Belden, Perry, Lansdale, Pa., assignor to National Union Radio Corporation, Newark, N. J. Carton. 2,399,537; Apr. 30.

Beldl, Fritz, assignor to Aktiengesellschaft Brown, Boveri & Cie., Baden, Switzerland. Protective switch gear. 2,397,912; Apr. 9.

Belforti, George F., Milford, Mass. Bobbin receptacle support. 2,401,602; June 4.

Bel Geddes, Norman: *See*—
Wales, Nathaniel B.

Bel Geddes, Norman, and Company, assignee: *See*—
Wales, Nathaniel B.

Bell Aircraft Corporation, assignee: *See*—
Carlzen, Carl F.
Maurer, Le Roy F., and Trotter.
Mitten, John T.
Rowe, Donald C.
Schultz, Gerard E.
Schwartz, Arthur A.
Trotter, John C.
Trotter, John C., Holland, and Schultz.
Wolf, Robert A., and Bowers.
Woods, Robert J.

Bell, Alan: *See*—
Allen, Charles F. H., and Bell.

Bell, Arthur R., assignor of twenty-five per cent to W. J Horn, twenty-five per cent to F. S. Horn, Philadelphia, and twenty-five per cent to A. J. Miller, Bala-Cynwyd, Pa. Sewing thread for elastic fabrics. 2,397,460; Apr. 2.

Bell, Audley P., Claysville, Pa. Switch box ear. 2,397,637; Apr. 2.

Bell, Clarence D.: *See*—
Woodhouse, John C., and Bell.

Bell, David A., and A. H. A. Wynn, assignors to A. C. Cossor Limited, London, England. Electrical apparatus. 2,408,192; Sept. 24.

Bell, Davitt S., and O. R. Wikander, Pittsburgh, assignors to Edgewater Steel Company, Oakmont, Pa. Automatic gun. 2,395,211; Feb. 19.

Bell, Edward R.: *See*—
Dickey, Frank H., and Bell.
Rust, Frederick F., Dickey, and Bell.

Bell & Gossett Company, assignee: *See*—
Tidd, Edwin B.

Bell & Howell Company, The, assignee: *See*—
Brueske, George A.
McNabb, Louis A.
Phillimore, Charles E.
Stechbart, Bruno.
Townsley, Malcolm G.
Zuber, John G.

Bell, Ian C.: *See*—
Strang, John M., and Bell.

Bell, John M., Chester, S. C. Drag testing apparatus. 2,398,574; Apr. 16.

Bell, John P., Baltimore, Md. Mold. 2,392,968; Jan. 15.

Bell, Joseph D., San Francisco, Calif. Mechanical movement. 2,408,546; Oct. 1.

Bell, Louis N., and R. R. and H. E. Harris, Sault Ste. Marie, Mich. Pontoon. 2,401,453; June 4.

Bell, Millard R., Los Angeles, Calif., assignor to The B. F. Goodrich Company, New York, N. Y. Building form. 2,394,423; Feb. 5.

Bell, Nicholas, Dearborn, Mich. Boring head. 2,398,491; Apr. 16.

Bell, Richard T., Peterborough, Ontario, Canada. Multisteelyard weighing mechanism. 2,400,972; May 28.

Bell, Richmond T.: *See*—
Thacker, Carlisle M., and Bell.

Bell, Richmond T., Highland Park, H. O. Folkins, Skokie, and C. M. Thacker, Highland Park, assignors to The Pure Oil Company, Chicago, Ill. Conversion of hydrocarbons. 2,394,654; Feb. 12.

Bell, Richmond T., Deerfield, H. O. Folkins, Skokie, and C. M. Thacker, Highland Park, assignors to The Pure Oil Company, Chicago, Ill. Conversion of hydrocarbons. 2,397,638; Apr. 2.

Bell, Robert S., Tulsa, and R. Davenport, Pryor, Okla., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Nitric acid concentration. 2,403,902; July 16.

Bell, Sidney R.: *See*—
Nelson, William B., Johnsen, Dyruff, and Bell.

Bell Telephone Laboratories, Incorporated, assignee: *See*—
Abbott, Henry H., and Bascom.
Abraham, Leonard G.
Anderson, Alva E.
Anderson, Alva E., and Samuel.
Ashbaugh, Robert P., and Hall.
Babcock, Stuart M., Horton, and Logan.
Bacon, Walter M.
Bacon, Walter M., and Young.
Bain, John C.
Baldwin, Millard W., Jr.
Barber, Charles C.
Bascom, Henry M.
Bascom, Henry M., and Hubbard.
Baumfalk, John.
Beck, Alfred C.
Bies, Frank R.
Black, Robert, Jr.
Black, Robert, Jr., and Romanow.
Blattner, David G., and Clayden.
Bollman, John H.
Bostwick, Lee G.
Bostwick, Lee G., and King.
Bowen, Arnold E.
Bowne, Langford J.
Brown, John T. L.
Bruce, Edmond.
Budenbom, Horace T.
Buhrendorf, Frederick G.
Butterfield, Joseph T., Knapp, and Runyon.
Cahill, Harold D.
Caughey, William K., and Swartzel.
Christensen, Howard.
Christopher, Arthur J.
Clark, John W.
Cory, Samuel I.
Cox, Francis A.
Coyne, Howard L., Kuhn, and Ross.
Davis, Gustoff W.
Dehn, Joseph W.
Dehn, Joseph W., and Goddard.
Depp, Wallace A.
Dickieson, Alton C.
Doba, Stephen, Jr.
Dowey, Thomas L.
Drake, Percy H.
Dysart, Birney
Edson, James O. and W. A., and Maggio.
Edwards, Paul G.
Edwards, William H., and Richardson.
Elliott, Stanley J., Hovgaard, Mallina, and Thomas.
Ellis, William C., and Souden.
Ellwood, Walter B.
Ellwood, Walter B., and Hill.
Elmer, Lloyd A., and Lovell.
Engelhardt, George B.
Feldman, Carl B. H., and Mueller.
Fetzer, Karl M., and Hoyt.
Fisk, James B.
Fitch, Karl E., and Locke.
Fox, Arthur G.
French, Norman R.
Friis, Harald T.
Friis, Harald T., and Rideout.
Fritschl, Walter W.
Fritts, Morris.
Galbreath, Robert R.
Ganz, Albert G.
Gent, Edgar W.
Goff, Harold W.
Goodale, Walter D., Jr.
Goodale, Walter D., Jr., and Romanow.
Goodale, Walter D., Jr., Lewis, and Martin.
Goodall, William M.
Graham, Robert E.
Gumley, Robert H.
Hampton, Leon N.
Hansen, Arnold A.
Hansen, Harry, and Mallina.
Harrison, Henry C.
Harry, William R.
Harry, William R., and Romanow.
Hartley, Ralph V. L.
Hartley, Ralph V. L., and Samuel.
Hartman, Paul L.
Hecht, George, and Lundstrom.
Helsing, Raymond A.
Hersey, Ralph E.
Holbrook, Bernard D., and Logan.
Holden, William H. T.
Howard, John B.
Hubbard, Francis A.
Hyska, John L.
Inglis, Alfred H.
Joel, Amos E., Jr.
Johnson, Kenneth S.
Kannenberg, Walter F., and McCoy.
Kellogg, William M.
Kindermann, Wilfred J.
Kindermann, Wilfred J., and Werring.
Kinkead, Fullerton S.
Kinkead, Fullerton S., Kinkead, Melhuish, Singer, and Smith.
Kinkead, Fullerton S., and Locke.
Kircher, Reymond J.
Kleimack, Joseph J., and Pearson.
Knab, Emil D.
Koenig, Walter, Jr.
Koenig, Walter, Jr., and Ruppel.
Koos, Paul V.
Lacy, Lester Y.
Lalco, Joseph P.
Lalco, Joseph P., and Ronci.
Lane, Clarence E.
Lang, Wilmarth Y., and Watson.
Little, John B.
Llewellyn, Frederick B.
Locke, George A.
Lovell, Clarence A., Parkinson, Swartzel, and Weber.
Lovell, Clarence A., Parkinson, and Weber.
MacNair, Walter A.
MacPherson, Hugh D.
Majlinger, Anthony, and Stevens.
Mallina, Rudolph F.
Maloney, Martin E.
Malthaner, William A.
Mason, Warren P.
Matte, Andrew L.
McCann, Thomas A.
McCoy, Robert G.
McRae, James W.
Meacham, Larned A.
Meacham, Larned A., Mohr, and Parker.
Means, Winthrop J., and Slonczewski.
Miller, Ohmer R.
Mitchell, Doren.
Morton, Edmund R.
Morton, Edmund R., and Stoller.
Morton, Jack A.
Muller, Arno H.
Munson, Wilden A.
Myers, Oscar.
Newhouse, Russell C.
Norwine, Andrew C.
Och, Henry G., and Swartzel.
Ohl, Russell S.
Parker, Ralzemond D.
Parker, Ralzemond D., Rea, and Singer.
Parkinson, David B.
Patterson, Everett M.
Pearson, Gerald L.
Phelps, Walter A.
Pierce, John R.
Pierce, John R., and Shepherd.
Pollard, Charles E., Jr.
Pope, Thomas J.
Potter, James A.
Potter, Ralph K.
Priessman, Neil Y.
Ranges, John E.
Rea, Wilton T.
Rea, Wilton T., and Wilkerson.
Reynolds, Frederick W.
Rienstra, Albert R.
Ring, Douglas H.
Roberts, Leland C.
Ronci, Victor L.
Samuel, Arthur L.
Scaff, Jack H.
Schelkunoff, Sergei A.
Schelleng, John C.
Schneckloth, Harry H.

Bell Telephone Laboratories, Incorporated, assignee: *See*—Contd.
Shanck, Roy B.
Sharkey, Edward.
Shepherd, William G.
Shipley, Frank F.
Shockley, William.
Shockley, William, and Willard.
Singer, Fred J.
Skellett, Albert M.
Slauson, William C.
Slonczewski, Thaddeus.
Smith, Edward M.
Southworth, George C.
Stevens, Bruce E.
Stoller, Hugh M.
Swart, Leland K.
Swartzel, Karl D., Jr.
Sweezey, Burdette A.
Sykes, Roger A.
Taylor, Raymond L.
Teal, Gordon K.
Thurber, Elmer A., and Wooten.
Trucksess, David E.
Tyrrell, Warren A.
Vance, Robert L.
Watson, Edward F.
Wilkerson, Jefferson R.
Willard, Gerald W.
Williams, Samuel B.
Wise, Raymond O.
Wright, Paul L.

Bell, Thomas J., Sarasota, Fla. Celery cutter. 2,410,860; Nov. 12.

Bell, Thomas J., near Sarasota, Fla. Celery harvesting apparatus. 2,410,861; Nov. 12.

Bell, William, Brooklyn, N. Y. Curved edge scissors. 2,400,220; May 14.

Bell, William L., Oakland, Calif. Surgical instrument. 2,398,915; Apr. 23.

Bell, William O.: *See*—Chandler, Bruce C., and Bell.

Bellamy, Harry T., Evanston, Ill. Bonding vermiculite. 2,397,083; Mar. 26.

Bellamy Harry T., River Forest, Ill. Production of molded metallic articles. 2,397,831; Apr. 2.

Bellamy, John I., Brookfield, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Selector switching system. 2,400,530; May 21.

Bellare, David, Brooklyn, assignor to Federal Telephone and Radio Corporation, New York, N. Y. Direction finder antenna. 2,408,034; Sept. 24.

Belle Isle, A. L., assignee: *See*—Hicks, James A.

Belle Weather Incorporated, assignee: *See*—Tucker, Thomas T.

Bellezza, James, Jr., Richmond, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Snubber roller. 2,410,419; Nov. 5.

Belling, Theodore H., Barrington, R. I., assignor to Fram Corporation. Exercising device. 2,408,597; Oct. 1.

Bellinger, Eustace S., Hercules, Calif., assignor to Hercules Powder Company, Wilmington, Del. Explosive package. 2,393,278; Jan. 22.

Bellomo, Nicola, Bari, Italy; vested in the Alien Property Custodian. Propeller with variable pitch. 2,397,524; Apr. 2.

Bellows, Warren S., assignor of one-fourth to E. H. Fox and one-fourth to O. Z. McCoy, Cleveland, Ohio. Locking hinge. 2,391,861; Jan. 1.

Belluche, Frank R., assignor to The Christensen Machine Company, Racine, Wis. Sheet registering mechanism. 2,395,444; Feb. 26.

Belluche, Frank R., assignor to The Christensen Machine Company, Racine, Wis. Sheet registering mechanism. 2,395,445; Feb. 26.

Belluche, Frank R., assignor to The Christensen Machine Company, Racine, Wis. Continuous feeder for cardboard. 2,396,240; Mar. 12.

Belmont Body Builders, assignee: *See*—Winarsky, Nathan and B.

Belmont Radio Corporation, assignee: *See*—
Beckwith, John R.
Huff, John W.
O'Brien, Edgar.
Plensler, Alexander W.
Rankin, John W.

Beloit Iron Works, assignee: *See*—
Berry, Earl E.
Goodwillie, John E.
Goodwillie, John E., and Berry.
Hornbostel, Lloyd.

Belsher, Harold E., Phoenix, Ariz. Air filter. 2,408,158; Sept. 24.

Beltz, Ed, Bazine, Kans. Supplemental lifting finger for cutter bars. 2,394,838; Feb. 12.

Beltz, Lester L., assignor to Packard Motor Car Company, Detroit, Mich. Internal-combustion engine. 2,408,598; Oct. 1.

Belzowski, Joseph, assignee, et al.,: *See*—Andrzejewski, Clara.

Beman, Floyd L.: *See*—Reiter, Alfred A., and Beman.

Bement, Nahum C., Rockford, Ill. Positive drive differential. 2,405,732; Aug. 13.

Bemis Bro. Bag Company, assignee: *See*—
Albin, Alonzo E.
Belcher, Daniel.
Brady, Charles V.
Debate, Robert.
Geimer, William J., and Linda.
Hannewald, Burton A., Lee, and Wheatley.
Weeks, Arnold N.
Williams, Russell J., and Davis.
Williams, Russell J., and Littlefield.

Bemis, Edwin W., East Orange, N. J., assignor to American Telephone and Telegraph Company. Teletypewriter secrecy system. 2,401,454; June 4.

Bemis, Edwin W., East Orange, N. J., assignor to American Telephone and Telegraph Company. Object locater. 2,405,281; Aug. 6.

Bemis, Kenneth E., Oakland, Calif. Wrapping and sealing. 2,395,531; Feb. 26.

Benander, George B., Oaklawn, assignor to Monowatt Electric Corporation, Providence, R. I. Electric plug. 2,398,996; Apr. 23.

Benander, George B., Oaklawn, R. I., assignor to Monowatt Electrical Corporation. Outlet box and ground strap provided with cable clamps. 2,411,017; Nov. 12.

Benander, George B., Oaklawn, R. I., assignor to Monowatt Electrical Corporation. Wiring device. 2,411,018; Nov. 12.

Benbow, James D., and G. W. Sines, Aurora, Ill., assignors to Austin-Western Company. Hopper bottom car and trailer. 2,401,407; June 4.

Benda, George, Inc., assignee: *See*—Hillery, Thomas J.

Bender, Arthur, assignee: *See*—Davis, John H.

Bender, Byron W., Cupsaw Lake, N. J., assignor to United States Rubber Company, New York, N. Y. Curing neoprene. 2,411,773; Nov. 26.

Bender, Emil A.: *See*—McCarthy, Robert E.

Bender, Lloyd F.: *See*—Shurts, Englebert, and Bender.

Bender, Richard O.: *See*—Pedersen, Charles J., and Bender.

Bendix Aviation, assignee: *See*—MacBlane, James.

Bendix Aviation Corporation, assignee: *See*—
Adams, Arben H.
Adams, Arben H., and Tucker.
Becker, John S.
Berges, Donald M.
Bevins, James E.
Boyce, Edward D.
Bremser, Albert T.
Buxton, James E.
Chandler, Milton E.
Christian, Frank T.
De Kiss, Nicholas.
Dewey, Clarence L.
Du Bois, William H.
Elkin, Manuel H.
Eltgroth, George V.
Emerson, Richard C.
Engbrecht, Herman J.
Fant, William J., Jr.
Fell, William F.
Frank, Frederick C.
Frei, Jakob R.
Gartner, John.
Goepfrich, Rudolph A.
Goepfrich, George A.
Harrison, Robert R.
Hegy, Louis.
Hermanny, Heinrich.
Hood, Edwin E.
House, Bryan E.
Hunt, Scott F.
Hurley, Roy T.
Hurley, Roy T., and Merritt.
Jandasek, Joseph.
Johnston, James H.
Jones, Burr W.
Ketay, Morris F., and Sherman.
Kreager, Paul H.
Lawrence, Donald M.
Lehman, Samuel K., and Taylor.
Lum, George P.
MacBlane, James.
MacCallum, Alan M.
Mathieson, Andrew C.
Merritt, George E., and Jones.
Miles, George S.
Miller, Donald L.
Miller, Raymond J.
Mock, Frank C.
Mock, Frank C., and Partington.
Murphy, Norman B.
Naegele, John C.
Nardone, Romeo M.
Nefld, William G.
Noxon, Paul A.
Pontius, George W., III.

Bendix Aviation Corporation, assignee: *See*—Contd.
Pontius, George W. III, and Kuzmitz.
Pontius, George W. III, and Wilson.
Pontius, George W., III, Wilson, and Kuzmitz.
Price, Earl R.
Pross, William C.
Rankin, Donald L.
Reichel, Wladimir A.
Rylsky, Gregory V.
Rylsky, Gregory V., and Schule.
Schultz, Harold B.
Sekella, Youston.
Sheehan, William E.
Slayton, Robert E.
Sloane, Robert W., and Bimberg.
Smith, Donald W.
Spengler, Walter J.
Spengler, Walter J., Tognola, and Frei.
Sutton, Bernard G.
Taylor, Myron L.
Teague, Walter D., Jr.
Thompson, Albert L.
Trautman, Walter C.
Wald, Gerson E.
Whitney, Maurice P.
Whitney, Maurice P., Buxton, and Miller.
Winchel, Henry T.
Wirth, Emil O.
Wisman, F. O., and Rohn.
Wood, Louvan E.

Bendix Home Appliance, Inc., assignee: *See*—Bowen, Myron W., and Burtnett.
Green, Maurice W.

Bendix Products Corporation, assignee: *See*—Baade, Henry.
Partington, Edward J.

Bendix-Westinghouse Automotive Air Brake Company, assignee: *See*—
Casler, Roger H.
Eaton, Wilfred A.
Fitch, Ellery R.
Ralston, James V.
Vorech, Stephen.
Williams, Herbert J.

Bends, Waldemar I., Arlington, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electronic differential timer. 2,393,015; Jan. 15.

Benecke, Louis A., St. Louis, Mo. Exercise club. 2,396,408; Mar. 12.

Benedict, Leon C., Mansfield, Mass., assignor to United-Rexall Drug Company. Cocoa manufacture. 2,397,402; Mar. 26.

Beneke, Charles, Louisville, Ky., assignor to Reynolds Metals Co., Richmond, Va. Inhibiting blistering in heat-treating aluminum alloys. 2,400,804; May 21.

Beneke, Herman J., Faribault, Minn. Hoe. 2,406,280; Aug. 20.

Benford, James R., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Device for testing light polarizing elements. 2,412,074; Dec. 3.

Benham, Kent W., Cleveland Heights, assignor to The Sanymetal Products Co., Inc., Cleveland, Ohio. Wall construction. 2,397,940; Apr. 9.

Benioff, Hugo, Pasadena, Calif., assignor to Submarine Signal Company, Boston, Mass. Vibrator. 2,402,593; June 25.

Benioff, Hugo, La Canada, Calif., assignor to Submarine Signal Company, Boston, Mass. Sound transmitter and receiver. 2,405,185; Aug. 6.

Benioff, Hugo, La Canada, Calif., assignor to Submarine Signal Company, Boston, Mass. Piezoelectric vibrator. 2,405,186; Aug. 6.

Benioff, Hugo, La Canada, Calif., assignor to Submarine Signal Company, Boston, Mass. Piezoelectric transducer. 2,405,187; Aug. 6.

Benioff, Hugo, La Canada, Calif., assignor, by mesne assignments, to Submarine Signal Company, Boston, Mass. Piezoelectric oscillator. 2,406,792; Sept. 3.

Benioff, Hugo, La Canada, Calif., assignor, by mesne assignments, to Submarine Signal Company, Boston, Mass. Electrical apparatus. 2,407,245; Sept. 10.

Benioff, Hugo, La Canada, Calif., assignor, by mesne assignments, to Submarine Signal Company, Boston, Mass. Ranging system. 2,407,644; Sept. 17.

Benioff, Hugo, Pasadena, Calif., assignor, by mesne assignments, to Submarine Signal Company, Boston, Mass. Observation system. 2,408,035; Sept. 24.

Benioff, Hugo, La Canada, Calif., assignor, by mesne assignments, to Submarine Signal Company, Boston, Mass. Electrical apparatus. 2,408,405; Oct. 1.

Benioff, Hugo, La Canada, Calif., assignor, by mesne assignments, to Submarine Signal Company, Boston, Mass. Electrical apparatus. 2,408,406; Oct. 1.

Benioff, Hugo, La Canada, Calif., assignor, by mesne assignments, to Submarine Signal Company, Boston, Mass. High-frequency apparatus. 2,408,407; Oct. 1.

Benioff, Hugo, La Canada, Calif., assignor, by mesne assignments, to Submarine Signal Company, Boston, Mass. Electrical apparatus. 2,413,309; Dec. 31.

Benjamin, Louis, Brooklyn, N. Y. Expandible work holder. 2,392,453; Jan. 8.

Benjamin, Theodore R., assignor of one-half to E. J. Benkow, Bronx, N. Y. Device for measuring changes of distance between two relatively movable parts. 2,406,793; Sept. 3.

Benn, Stephen J., Philadelphia, Pa. Deodorant dispensing device. 2,406,314; Aug. 27.

Benner, Howard J., Longmeadow, assignor to The F. W. Sickles Company, Chicopee, Mass. Radio apparatus. 2,400,531; May 21.

Benner, Howard J., Springfield, Mass., assignor of one-half to Colonial Radio Corporation, Buffalo, N. Y., and one-half to The F. W. Sickles Company, Springfield, Mass. Superheterodyne receiver. 2,412,244; Dec. 10.

Benner, Howard J., and A. M. Hadley, Longmeadow, assignors to The F. W. Sickles Company, Chicopee, Mass. Inductance core composition. 2,413,098; Dec. 24.

Bennett, Alva H., Kenmore, N. Y., assignor, by mesne assignments, to American Optical Company, Southbridge, Mass. Optical system. 2,407,219; Sept. 10.

Bennett, Alva H., Kenmore, N. Y., and E. D. Tillyer, assignors, by mesne assignments, to American Optical Company, Southbridge, Mass. Optical scanning device and making articles therewith. 2,404,770; July 30.

Bennett, Alva H., Kenmore, and O. W. Richards, Snyder, N. Y., assignors, by mesne assignments, to American Optical Company, Southbridge, Mass. Microscope. 2,406,526; Aug. 27.

Bennett, Arthur F., West Barrington, and H. W. Jacobson, Providence, R. I., assignors to Brown and Sharpe Manufacturing Company. Driving and control mechanism. 2,396,632; Mar. 19.

Bennett, Charles E., Ridgewood, N. J. Method of lining pipe with plastic material. 2,399,849; May 7.

Bennett, Charles E., Ridgewood, assignor to The Okonite Company, Passaic, N. J. Electric cable. 2,409,530; Oct. 15.

Bennett, Charles E., Ridgewood, assignor to The Okonite-Callender Cable Company, Incorporated, Paterson, N. J. Electrode for buoyant cables. 2,409,531; Oct. 15.

Bennett, Charles E., Ridgewood, assignor to The Okonite-Callender Cable Company, Incorporated, Paterson, N. J. Electric power distribution system. 2,412,556; Dec. 17.

Bennett, Charles R., East Cleveland, Ohio. Erasing attachment for typewriters. 2,394,139; Feb. 5.

Bennett, Clyde T., assignee: *See*—Fox, Sherman H.

Bennett, Dale L.: *See*—Beatty, John T., and Bennett.

Bennett, Dale L., Flossmoor, assignor to United Specialties Company, Chicago, Ill. Cleaner construction. 2,397,525; Apr. 2.

Bennett, Daniel A., and A. R. Maier, Oil City, Pa., assignors to Oil Well Supply Company. Rotary drilling unit. 2,408,364; Oct. 1.

Bennett, Edward H.: *See*—Snyder, Harold H., and Bennett.

Bennett, Edward H., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Article transfer mechanism. 2,408,599; Oct. 1.

Bennett, Elbert R., Delhi, Calif. Gap closer for irrigation ridges. 2,393,279; Jan. 22.

Bennett-Feregen, Inc., assignee: *See*—Bennett, Harold L.

Bennett, Frank P.: *See*—Musebeck, George E., and Bennett.

Bennett, George A., deceased, New Barnet, England; H. M. Bennett, executrix. Wheel for vehicle. 2,404,269; July 16.

Bennett, Harold F., assignor to Eastman Kodak Company, Rochester, N. Y. Catadioptric television projector. 2,409,971; Oct. 22.

Bennett, Harold L., South Bend, Ind., assignor, by mesne assignments, to Bennett-Feragen, Inc., Seattle, Wash. Dynamometer roll shields. 2,397,461; Apr. 2.

Bennett, Hilda M., executrix: *See*—Bennett, George A.

Bennett, James B., Los Angeles, and J. J. McCarter, Alhambra, Calif., assignors, by mesne assignments, to Thermoid Company. Making rubber wheels. 2,400,973; May 28.

Bennett, John G.: *See*—Bangham, Donald H., Bennett, Brown, Hirst, Pirani, and Philipotts.

Bennett, John M., assignor to Tulin Corporation, New York, N. Y. Key case. 2,400,221; May 14.

Bennett, John W.: *See*—Schlosser, Paul H., Bennett, and Gray.

Bennett, Ralph S., Pittsfield, Mass., assignor to General Electric Company. Protective device. 2,393,584; Jan. 29.

Bennett, Robert B., Detroit, Mich. Scraper. 2,410,420; Nov. 5.

Bennett, Robert M., Ithan, and G. H. Syrovy, Philadelphia, Pa., assignors to General Electric Company. Time delay device. 2,393,736; Jan. 29.

Bennett, Robert N.: *See*—
George, Charles L., and Bennett.
Lawrence, Donald M.

Bennett, Thomas F., Joplin, Mo., assignor to Hercules Powder Company, Wilmington, Del. Explosive cartridge assembly. 2,403,488; July 9.

Bennett, Walter E., Jr., assignee: *See*—
Wauson, Horace C., and Bennett.

Bennett, Willard H., Columbus, Ohio. Method and apparatus for reducing static interference in aircraft radio. 2,397,118; Mar. 26.

Bennett, William O., Jr., Lancaster Township, Lancaster County, Pa., assignor to Hamilton Watch Company, Lancaster, Pa. Frequency multiplying apparatus. 2,402,012; June 11.

Bennett, William O., Jr., Lancaster Township, Lancaster County, assignor to Hamilton Watch Company, Lancaster, Pa. Apparatus for testing waterproof watchcases. 2,407,945; Sept. 17.

Benning, Anthony F., Woodstown, F. B. Downing, Penns Grove, N. J., and R. J. Plunkett, assignors to Kinetic Chemicals, Inc., Wilmington, Del. Refrigerants and making them. 2,393,304; Jan. 22.

Benning, Anthony F., Woodstown, F. B. Downing, Carneys Point, N. J., and J. D. Park, assignors to Kinetic Chemicals, Inc., Wilmington, Del. Pyrolysis of tetrafluoroethylene polymer. 2,394,581; Feb. 12.

Benning, Anthony F., Woodstown, N. J., and J. D. Park, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of trifluoro acetic acid. 2,396,076; Mar. 5.

Benning, Anthony F., Woodstown, N. J., and W. H. Markwood, Jr., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Molding process. 2,400,094; May 14.

Benning, Anthony F., Woodstown, and F. B. Downing, Penns Grove, N. J., and R. J. Plunkett, assignors to Kinetic Chemicals Inc., Wilmington, Del. Preparation of tetrafluoroethylene. 2,401,897; June 11.

Benning, Anthony F. Woodstown, F. B. Downing, Carney's Point, N. J., and J. D. Park, assignors to Kinetic Chemicals, Inc., Wilmington, Del. Separating pyrolysis products of chlorodifluoromethane. 2,406,794; Sept. 3.

Benning, Anthony F., Woodstown, N. J., and J. D. Park, assignors to Kinetic Chemicals, Inc., Wilmington, Del. Halogenation. 2,407,129; Sept. 3.

Benning, Anthony F., Woodstown, N. J., and J. D. Park, assignors to Kinetic Chemicals, Inc., Wilmington, Del. Fluoro-chloro hydrocarbons and making them. 2,407,246; Sept. 10.

Bennington, C. H., Mfg. Co., Inc., assignee: *See*—
Hinkle, George A.

Bensel-Brice Corporation, assignee: *See*—
Bensel, Duryea.

Bensel, Duryea, assignor to Bensel-Brice Corporation, Los Angeles, Calif. Preserving food products. 2,401,131; May 28.

Benskin, Annette, El Dorado Springs, Mo. Dust pan. 2,399,850; May 7.

Benson, Albert H., Hopewell, N. J. Window or the like for canvas coverings. 2,391,871; Jan. 1.

Benson, Albin N.: *See*—
Hansen, Albert W., and Benson.

Benson, Gerald L., Lodi, Ohio. Seal. 2,401,539; June 4.

Benson, John H., assignor to Mullins Manufacturing Corporation, Salem, Ohio. Evaporator unit. 2,395,839; Mar. 5.

Benson, John M., Milwaukee, Wis. Fishing rod and reel assembly. 2,409,098; Oct. 8.

Benson, Watson L., Bridgeton, Ind. Chemicals for treating plant life. 2,395,446; Feb. 26.

Bent, Arthur J.: *See*—
Rush, John W., and Bent.

Bent, Arthur J., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Control valve device. 2,398,877; Apr. 23.

Bent, Franklin A., Berkeley, and K. E. Marple, Oakland, assignors to Shell Development Company, San Francisco, Calif. Polyvinyl chloride composition. 2,393,512; Jan. 22.

Bent, Franklin A., Berkeley, and K. E. Marple, Oakland, assignors to Shell Development Company, San Francisco, Calif. Polyvinyl acetal plasticised with a diglycerol ether. 2,393,513; Jan. 22.

Bent, Franklin A., Berkeley, and C. R. Ryan, Albany, assignors to Shell Development Company, San Francisco, Calif. Castor oil products and preparation of same. 2,394,742; Feb. 12.

Bent, Franklin A., Berkeley, and K. E. Marple, Oakland, assignors to Shell Development Company, San Francisco, Calif. Polyvinyl acetal composition. 2,400,333; May 14.

Benthall, Frederick L., Sr., Houston, Tex. Lawn edger. 2,410,196; Oct. 29.

Bentham, Albert E., assignor to The Baltimore Paper Box Company, Baltimore, Md. Carton. 2,398,402; Apr. 16.

Bentham, Albert E., assignor to The Baltimore Paper Box Co., Baltimore, Md. Carton. 2,401,742; June 11.

Bentley Engineering Company Limited, The, assignee: *See*—
Brooksby, Ernest, and Deans.

Bentley, George P.: *See*—
Frische, Carl A., Bentley, and Halpert.

Bentley, Harris Mfg. Co., assignee: *See*—
Harris, Joseph M.

Bentley, Howard: *See*—
Bentley, Robert and H.

Bentley, Oliver D. H., Dover, assignor to B. F. Sturtevant Company, Boston, Mass. Bearing. 2,407,807; Sept. 17.

Bentley, Robert, Monroe, and H. Bentley, Detroit, Mich. Filling spout. 2,409,532; Oct. 15.

Bentley, Robert H., assignor to The Arrow-Hart & Hegeman Electric Company, Hartford, Conn. Indexing means for multiposition electric switches. 2,399,906; May 7.

Bentley, Robert H., assignor to The Arrow-Hart & Hegeman Electric Company, Hartford, Conn. Quick-acting switch mechanism. 2,412,119; Dec. 3.

Benton, Dudley C., assignor, by decree of court, of one-half to M. E. Warren, San Diego, Calif. Blind fastening bolt and nut. 2,403,330; July 2.

Benz, Frank J., Morgan Hill, Calif. Ladder. 2,396,813; Mar. 19.

Benz, Helmut, and F. Kugel, Heidenheim, Brenz, Germany; vested in the Alien Property Custodian. Combined hydromechanical gear. 2,392,520; Jan. 8.

Benz, Herbert G., assignee: *See*—
Stephan, Fritz.

Benzel, Howard A.: *See*—
Meidenbauer, Phillip E., Jr., and Benzel.

Berberich, Leo J.: *See*—
Barker, Harry H., Hill, and Berberich.

Berck, William F.: *See*—
Renfrew, Paul, and Berck.

Berck, William F., assignor to Ralph N. Brodie Company, Oakland, Calif. Rotary liquid meter. 2,395,714; Feb. 26.

Berck, William F., assignor to Ralph N. Brodie Company, Oakland, Calif. Adjusting mechanism for fluid meters. 2,395,715; Feb. 26.

Berck, William F., assignor to Ralph N. Brodie Company, Oakland, Calif. Fluid meter. 2,399,316; Apr. 30.

Beregh, Jean D., assignee: *See*—
Beregh, Theodore J.

Beregh, Theodore J., deceased, Patchogue, N. Y., assignor of fifty-one one-hundredths to F. V. McMahon, as trustee, New York, N. Y.; I. B. Moffatt, administratrix, assignor to J. D. Beregh, Orange, N. J. Apparatus for opposing offset and eliminating static in printing. 2,394,656; Feb. 12.

Beregh, Theodore J., deceased, Patchogue, N. Y., assignor of fifty-one one-hundredths to F. V. McMahon, as trustee, New York, N. Y.; I. B. Moffatt, administratrix, assignor to J. D. Beregh, Orange, N. J. Apparatus for preventing offset. 2,394,657; Feb. 12.

Bereit, Edwin W., assignor to The W. W. Sly Manufacturing Company, Cleveland, Ohio. Work tumbling conveyer mechanism. 2,395,391; Feb. 26.

Berejkoff, Anatole P., Schenectady, N. Y., assignor to General Electric Company. Indicator lamp. 2,405,809; Aug. 13.

Berg, Bennie L., Madison, Wis., and C. E. Watson, La Grange, Ill.; said Watson assignor to said Berg. Dock roller for boats and the like. 2,405,810; Aug. 13.

Berg, Bernhardt C.: *See*—
Lowell, Joseph, and Berg.

Berg, Clyde H. O.: *See*—
Doumani, Thomas F., and Berg.

Berg, Clyde H. O., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Cracking process. 2,408,600; Oct. 1.

Berg, Elaine, Chicago, Ill. Ear muff. 2,413,283; Dec. 31.

Berg, Floyd H., Minneapolis, Minn. Washing and drying fabric articles. 2,408,749; Oct. 8.

Berg, Howard O., assignor to Stewart-Warner Corporation, Chicago, Ill. Shielded coil. 2,407,916; Sept. 17.

Berg, Leo F., Oak Park, assignor to Edison General Electric Appliance Company, Inc., Chicago, Ill. Electric oven. 2,392,796; Jan. 8.

Berg, Lloyd, O'Hara Township, Allegheny County, and G. L. Sumner, Jr., and C. W. Montgomery, Oakmont, assignors to Gulf Research & Development Company, Pittsburgh, Pa. Catalytic isomerization of olefinic hydrocarbons. 2,397,639; Apr. 2.

Berg, Maurice O., Chicago, Ill. Bowling ball. 2,396,228; Mar. 12.

Berg, Quentin, Detroit, Mich. Driver's seat. 2,391,872; Jan. 1.

Berg, Quentin, Detroit, Mich. Travel lock. 2,411,863; Dec. 3.

Berg, Willie, Chicago, Ill. Unitary foldable music stand. Re. 22,826; Dec. 31.

Bergeim, Frank H.: *See*—
Lott, William A., Bergeim, and Losee.

Bergel, Franz: *See*—
Avison, Anthony W. D., Bergel, and Haworth.

Bergel, Franz, and A. Cohen, assignors to Roche Products Limited, Welwyn Garden City, England. Bromination of ketones. 2,397,333; Mar. 26.

Bergel, Franz, N. C. Hindley, A. L. Morrison, and H. Rinderknecht, assignors to Roche Products Limited, Welwyn Garden City, England. Arylacetonitrile derivatives and their manufacture. 2,398,575; Apr. 16.

Bergel, Franz, N. C. Hindley, A. L. Morrison, and H. Rinderknecht, Welwyn Garden City, England, assignors, by mesne assignments, to Hoffmann-La Roche Inc., Nutley, N. J. Manufacture of piperidine derivatives. 2,403,903; July 16.

Bergel, Franz, N. C. Hindley, A. L. Morrison, and H. Rinderknecht, Welwyn Garden City, England, assignors, by mesne assignments, to Hoffmann-La Roche Inc., Nutley, N. J. Manufacture of heterocyclic bases. 2,405,555; Aug. 18.

Bergel, Franz, A. Cohen, and J. W. Haworth, Welwyn Garden City, England, assignors, by mesne assignments, to Hoffmann-La Roche Inc., Nutley, N. J. Manufacture of N-(polyhydroxyalkyl)-arylamines. 2,411,611; Nov. 26.

Bergen, Edward, Bronxville, assignor to C. K. Thau, New York, N. Y., doing business as Laura Hair Novelty Company. Hair curler. 2,394,973; Feb. 19.

Berger, Adolph L., Dayton, Ohio. Turbine wheel. 2,393,963; Feb. 5.

Berger Brothers Company, The, assignee: *See*—
Versoy, Irving R., and Loeffel.

Berger, Elwood A., Indianapolis, Ind., assignor to The Prest-O-Lite Company, Inc. Fluid pressure reducer. 2,393,280; Jan. 22.

Berger, Eugene, assignee: *See*—
Margolis, Louis.

Berger, Henry G.: *See*—
Badertscher, Darwin E., Berger, and Bishop.
Fuller, Everett W., Berger, and Williams.

Berger, Henry G., and D. E. Badertsden, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Improving the cetane value of a hydrocarbon fuel oil. 2,392,570; Jan. 8.

Berger, Jacques, Chicago, Ill. Test light. 2,413,484; Dec. 31.

Berger, Karl F., assignee, et al.: *See*—
Berger, Walter E.

Berger Manufacturing Company, assignee, et al.: *See*—
Berger, Walter E.

Berger, Samuel L., Newark, N. J. Toy typewriter. 2,398,765; Apr. 23.

Berger, Walter E., assignor to K. F. Berger, doing business as Berger Manufacturing Company, Bridgeport, Conn. Tool attachment. 2,392,571; Jan. 8.

Berger, William F., Aberdeen, Md. Bomb stabilizer. 2,393,604; Jan. 29.

Bergere, Emric W.: *See*—
Marker, Albert L., and Bergere.

Berges, Donald M., Lakewood, Ohio, assignor to Bendix Aviation Corporation, Teterboro, N. J. Ratio computing device. 2,394,284; Feb. 5.

Bergesen, Juneus, Staten Island, assignor to himself, Nortman Bergesen, and Louis Stone, New York, N. Y. Steam injector for pipe lines. 2,398,766; Apr. 23.

Bergesen, Nortman, assignee: *See*—
Bergesen, Juneus.

Bergfors, Gordon, Yonkers, assignor to Exercycle Corporation, New York, N. Y. Exercising machine. 2,406,344; Aug. 27.

Berggren, George E., Baltimore, E. Bertalan, Glen Arm, and A. Logan, Dundalk, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Assembling apparatus. 2,404,782; July 30.

Bergh, Roland C., Cedarhurst, N. Y., assignor to Republic Aviation Corporation. Aircraft structure. 2,399,719; May 7.

Bergier, Jacques, A. Eskenazi, and A. Helbronner, Lyon, France; vested in the Alien Property Custodian. Measuring device. 2,411,513; Nov. 26.

Bergman, Gustav A., Stockholm, Sweden. Internal-combustion hammer. 2,399,458; Apr. 30.

Bergman, Harold E., Wilmette, Ill., assignor to S. F. Bowser & Company, Incorporated, Fort Wayne, Ind. Bag holder for filter leaves. 2,399,784; May 7.

Bergman, Raymond W., Lockport, assignor to The Scholl Mfg. Co., Inc., Chicago, Ill. Foot imprinting device. 2,413,403; Dec. 31.

Bergmark, Ernest R.: *See*—
Vought, Russell R., and Bergmark.

Bergren, Julius, Minneapolis, Minn. Lifting tongs. 2,402,529; June 25.

Bergren, Lloyd R.: *See*—
Spafford, Ralph W., and Bergren.

Bergstein, Frank D., trustee, assignee, et al.: *See*—
Bergstein, Samuel.

Bergstein, Robert M., trustee, assignee, et al.: *See*—
Bergstein, Samuel.

Bergstein, Robert M., Cincinnati, Ohio. Making knocked-down boxes and improved cartridge containers. 2,411,144; Nov. 19.

Bergstein, Samuel, Cincinnati, Ohio, assignor to R. M. and F. D. Bergstein, trustees. Coating webs. 2,408,504; Oct. 1.

Bergstein, Samuel, Cincinnati, Ohio, assignor to R. M. and F. D. Bergstein, trustees. Carton for sealing by immersion. 2,412,031; Dec. 3.

Bergstein, Samuel, Cincinnati, Ohio, assignor to R. M. and F. D. Bergstein, trustees. Hermetic bag and tube closures. 2,412,862; Dec. 17.

Bergsteinsson, Ingolfur, El Cerrito, assignor to Shell Development Company, San Francisco, Calif. Blending fuels. 2,394,743; Feb. 12.

Bergsteinsson, Ingolfur, Billings, Mont., and J. R. Scheibli and F. H. Dickey, Oakland, assignors to Shell Development Company, San Francisco, Calif. Oxidation of organic compounds. 2,398,612; Apr. 16.

Bergstrom, Carl N., Portland, Oreg. Hook for garment hangers. 2,395,032; Feb. 19.

Bergstrom, Lawrence G., Mansfield, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Refrigerator cabinet. 2,394,229; Feb. 5.

Bergstrom, Hilding O. V., Stocksund, and K. G. Trobeck, Stockholm, Sweden. Utilizing waste liquors. 2,406,581; Aug. 27.

Berke, Joseph D., New York, N. Y. Orthodontic appliance. 2,406,527; Aug. 27.

Berkey, William E., Wilkinsburg, and E. Hershey, Pittsburgh, Pa., and R. Lamphere, Wilbraham, Mass., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Ignition system. 2,403,629; July 9.

Berkoff, Seymour, Bridgeport, Conn., assignor to General Electric Company. Phase inverter circuit. 2,411,706; Nov. 26.

Berkoff, Seymour, and R. B. Dome, assignors to General Electric Company, Bridgeport, Conn. Electron discharge circuit. 2,410,703; Nov. 5.

Berkowitz, Victor, Lawrence, assignor to Goldsmith Brothers Manufacturing Co., Inc., New York, N. Y. Articulated fabric for handbag. 2,393,281; Jan. 22.

Berks County Trust Company, assignee: *See*—
Donachie, Matthew J.

Berl, Ernst, Pittsburgh, Pa. Rendering harmless poisonous gases in the atmosphere. 2,394,887; Feb. 12.

Berlin, Nelson M., Pittsford, assignor of one-third to R. R. Hoover, Hillsdale, and one-third to P. B. Beery, Hudson, Mich. Ice auger. 2,393,282; Jan. 22.

Berliner, Martin, assignor to Bernat Products Corp., New York, N. Y. Writing device. 2,404,563; July 23.

Berliner, Martin, assignor of fifty percent to R. I. N. Weingart, New York, N. Y. Machining metal. 2,412,797; Dec. 17.

Berliney, Michael, Jersey City, G. A. Bowden, East Orange, and J. T. Hohnstine, Short Hills, N. J., assignors, by mesne assignments, to Boyle-Midway Inc., New York, N. Y. Wax composition and preparing the same. 2,401,217; May 28.

Berlinger, Roy, Chico, Calif. Grain conveyer. 2,401,540; June 4.

Berlinghof, William, Jr.: *See*—
Hiltner, James R., and Berlinghof.

Berman, Hyman, Brooklyn, N. Y. Illuminated handbag latch. 2,400,974; May 28.

Berman, Joseph L.: *See*—
Bagley, Ronald D., and Berman.

Bermat Products Corp., assignee: *See*—
Berliner, Martin.

Bernardi, Dominic J., and R. T. Florence, Bronx, assignors to Interchemical Corporation, New York, N. Y. Lithographic printing ink. 2,406,795; Sept. 3.

Bernardin Bottle Cap Co., Inc., assignee: *See*—
Hughes, Edward B.

Berndt, Edward, Chicago, Ill. Flue-liner drain. 2,392,631; Jan. 8.

Berne, Frank R., Cleveland, Ohio. Film holder. 2,401,541; June 4.

Berneski, Anthony J., Latrobe, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Generator construction. 2,409,184; Oct. 15.

Bernhardt, Jacob, Mansfield, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Manufacturing pitot-static tubes. 2,397,084; Mar. 26.

Bernheim, Daniel P., Southbridge, and M. M. Glasberg, Revere, assignors to American Optical Company, Southbridge, Mass. Collapsible type eyeshield. 2,409,243; Oct. 15.

Berninger, Ernest L.: *See*—
Beiser, Elmer H., Berninger, and Schlenker.

Berns, Mel.: *See*—
Satz, Frank, and Berns.

Bernstein, Isidor M., assignor, by mesne assignments, to H. D. Roosen Company Inc., Brooklyn, N. Y. Nonadherent coating composition. 2,396,633; Mar. 19.

Bernstein, Isidor M., assignor, by mesne assignments, to H. D. Roosen Company, Inc., Brooklyn, N. Y. Alkali-resistant binder. 2,401,898; June 11.

Bernstein, Louis, Brooklyn, N. Y. Perpetual calendar. 2,411,185; Nov. 19.

Bernstein, Philip, assignor to Press Wireless, Inc., Chicago, Ill. Multiplex radio system of the carrier frequency shift type. 2,397,913; Apr. 9.

Bernstein, Samuel S., Los Angeles, Calif. Chair. 2,409,826; Oct. 22.

Berquist, Leonard G., Niles, Mich., assignor to National-Standard Company. Forming machine. 2,405,128; Aug. 6.

Berry, Burtt L., San Francisco, assignor to B. L. Berry, Victorsville, and L. P. Youngdahl, San Francisco, Calif. Half-tone high-light process. 2,395,985; Mar. 5.

Berry, Burtt L., San Francisco, assignor to B. L. Berry, Victorsville, and L. P. Youngdahl, San Francisco, Calif. Half-tone drop-out process. 2,395,986; Mar. 5.

Berry, Charles W.: *See*—
Holland, William D., Berry, and McClintock.

Berry, Clifton V., West Haven, Conn. Miniature camera. 2,410,327; Oct. 29.

Berry, Earl E.: *See*—
Goodwillie, John E., and Berry.

Berry, Earl E., deceased, by W. E. Berry, executrix, assignor to Beloit Iron Works, Beloit, Wis. Papermaking machine. 2,396,696; Mar. 19.

Berry, Frank, Corinth, Miss. Expansible chamber motor of the rotary abutment type. Re. 22,818; Dec. 17.

Berry, John J., Houston, Tex., assignor to American Optical Company, Southbridge, Mass. Squeegee device. 2,399,538; Apr. 30.

Berry, John W.: *See*—
Hood, Robert L., and Berry.

Berry, Kenneth L., Hockessin, and J. R. Downing, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Extrusion apparatus. 2,403,476; July 9.

Berry, Kenneth L., Hockessin, and J. W. Hill, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Treatment of oriented halogen-containing polymers. 2,405,008; July 30.

Berry, Kenneth L., Hockessin, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Fluid compositions containing copolymers of tetrafluoroethylene and ethylene. 2,412,960; Dec. 24.

Berry, Norton E., Newburg, Ind., and R. E. Kremers, Summit, assignors to General Foods Corporation, Hoboken, N. J. Treating cashew nut shell liquid. 2,402,940; July 2.

Berry, Robert U., Glen Ridge, N. J., assignor to General Electric Company. Refrigerating system. 2,400,334; May 14.

Berry, Theodore M., Schenectady, N. Y., assignor to General Electric Company. Frequency difference measurement. 2,392,632; Jan. 8.

Berry, Theodore M., Schenectady, N. Y., and A. H. Canada, Fort Belvoir, Va., assignors to General Electric Company. Variable speed gear transmission. 2,398,997; Apr. 23.

Berry, Thomas H., assignor to Green and Berry Farm Equipment Co., Modesto, Calif., a co-partnership comprising T. H. Berry and W. A. Green. Well drilling machine. 2,398,512; Apr. 16.

Berry, William G., Jr., Medford, Mass. Strike plate. 2,401,854; June 11.

Berry, Wilma E., executrix: *See*—
Berry, Earl E.

Berryman, Grover C., Los Angeles, Calif. Forming a fibrous rubber. 2,395,987; Mar. 5.

Bersworth, Frederick C., Verona, N. J. Forming carboxylic acid substituted amines. 2,411,019; Nov. 12.

Bersworth, Frederick C., Verona, N. J. Forming rubber amines. 2,412,942; Dec. 24.

Bersworth, Frederick C., Verona, N. J. Detergent composition for use in hard water. 2,412,943; Dec. 24.

Bersworth, Frederick C., Verona, N. J. Producing a detergent composition. 2,412,944; Dec. 24.

Bersworth, Frederick C., Verona, N. J. Detergent composition and preparing same. 2,412,945; Dec. 24.

Bersworth, Frederick C., Verona, assignor to The Martin Dennis Company, Newark, N. J. Treating boilers. 2,396,938; Mar. 19.

Bersworth, Frederick C., Verona, assignor to The Martin Dennis Company, Newark, N. J. Aliphatic polycarboxylic amino acids and making them. 2,407,645; Sept. 17.

Bertalan, Edward: *See*—
Berggren, George E., Bertalan, and Logan.

Berteа, Alex, Pasadena, assignor to Adel Precision Products Corp., Burbank, Calif. Fluid seal. 2,395,953; Mar. 5.

Berthold, Walter K., Rockville, assignor to Hartford-Empire Company, Hartford, Conn. Method of and apparatus for forming glassware. 2,402,234; June 18.

Bertolio, Tony C., Lomita, assignor of one-quarter to R. W. Anderson, Los Angeles, Calif. Hydraulic motor. 2,395,092; Feb. 19.

Bertolette, William de B., Baton Rouge, La., and A. E. Parmelee, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Tetraethyl lead. 2,400,383; May 14.

Bertram, Sidney, San Diego, Calif., assignor to the United States Government, as represented by the Secretary of the Navy. Split-phase servomotor control. 2,411,357; Nov. 19.

Bertram, William A., Chicago, Ill. Bottle holder and carrier. 2,407,529; Sept. 10.

Bertrand, Frederic E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Insole machine. 2,410,004; Oct. 29.

Bertschinger, Frederick E., assignor to Standard Cabinet Works, Inc., Los Angeles, Calif. Coupling. 2,408,547; Oct. 1.

Berzer, Maurice, West Los Angeles, Calif., assignor to S. Arndt. System for selecting recorded messages. 2,396,409; Mar. 12.

Besag, Arnold, East Malvern, Victoria, Australia. Device for the setting of blanking and forming dies in presses. 2,396,814; Mar. 19.

Besler, Charles, Company, assignee: *See*—
Schwanhausser, Walter E.

Beshgetoor, Ray V., Merchantville, N. J., assignor to Radio Corporation of America. Viewing device. 2,404,943; July 30.

Besler Systems, assignee: *See*—
Besler, William J., and Boyen.

Besler, William J., Happy Valley, and J. L. Boyen, Orinda, Calif., assignors to Besler Systems. Spacer bar. 2,396,241; Mar. 12.

Best, Albert De W., Sandusky, Ohio. Electric welding rod holder. 2,404,028; July 16.

Best, Charles D., Portland, Oreg. Processing vegetable fibers. 2,403,331; July 2.

Best, John W., Arlington, Calif. High chair. 2,407,646; Sept. 17.

Best, Joseph C., Port Arthur, R. N. Traxler, and H. E. Schweyer, Port Neches, Tex., assignors to The Texas Company, New York, N. Y. Bituminous compositions. 2,400,067; May 14.

Beste, Harold E., East Rutherford, assignor to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Phase shifter. 2,405,193; Sept. 24.

Beste, Marion D.: *See*—
Reed, Raymond E., Tenenbaum, and Beste.

Bethlehem Steel Company, assignee: *See*—
Dougherty, Robert S. A., and Eberhardt.
Eaton, John F.
Ffield, Paul.
Hilstrom, Gunnar H., and Westland.
Johnston, Sterling.
Joy, Robert F.
Miller, Louis G., and Statler.
Stevens, Richard H.
Stoffiet, Harry F.
Torell, Leland C., and White.
Ward, Clemson H.
Wick, Richard M.

Bethlehem Supply Company, assignee: *See*—
Anderson, Carl M.

Betoche, Jesse, Detroit, Mich. Planer gauge. 2,399,160; Apr. 30.

Bettendorf, Company, The, assignee: *See*—
Kottmann, Arthur A.

Better, Francis J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Servomotor. 2,394,655; Feb. 12.

Better Packages Incorporated, assignee: *See*—
Beckman, Charles E., and Dodds.
Krueger, Theodore H.

Bettison, David C., Omaha, Nebr. Railway traffic controlling apparatus. 2,393,136; Jan. 15.

Betts & Company Limited, assignee: *See*—
Stather-Dunn, Eustace.

Betts, James A., Easton, Pa. Valveless suction apparatus. 2,394,888; Feb. 12.

Betz, Paul L., assignor to Consolidated Gas Electric Light & Power Company of Baltimore, Baltimore, Md. Improving the operation of oxygen cutting torches. 2,399,979; May 7.

Betz, Paul L., assignor to Consolidated Gas Electric Light and Power Company of Baltimore, Baltimore, Md. Thermoelectric generator and circuit. 2,400,384; May 14.

Betz, William G., Orlando, Fla., assignor to Pratt, Read & Company, Ivoryton, Conn. Piano action. Re. 22,777; Aug. 13.

Beverage, Harold H., Riverhead, N. Y., and R. E. Mathes, Westfield, N. J., assignors to Radio Corporation of America. Secrecy system. 2,405,991; Aug. 20.

Beveridge, James M., Bronxville, N. Y., and C. J. Cowan, East Orange, N. J., assignors to Mavco, Inc. Cigarette case. 2,405,009; July 30.

Bevil Company, assignee: *See*—
Bevillard, Arthur J.

Bevillard, Arthur J., Anaheim, assignor to Bevil Company, San Francisco, Calif. Making abrasive wheels. 2,405,086; July 30.

Bevins, James E., Ramsey Estates, assignor to Bendix Aviation Corporation, Teterboro, N. J. Pump. 2,394,285; Feb. 5.

Bevins, James E., Hackensack, assignor to Bendix Aviation Corporation, Bendix, N. J. Accelerometer. 2,394,974; Feb. 19.

Bevins, James E., Hackensack, assignor to Bendix Aviation Corporation, Teterboro, N. J. Regulator. 2,403,332; July 2.

Bevins, James E., Ardmore, Pa., assignor to Bendix Aviation Corporation, Bendix, N. J. Instrument case. 2,402,360; June 18.

Bewley, Jess F.: *See*—
Lazarus, George H., Jr., and Bewley.

Beyer, Edwin A., Buffalo, N. Y. Device for cleaning floors. 2,405,811; Aug. 13.

Beyer, Walter O., and T. R. Tarn, Pittsburgh, Pa. Resilient mechanical wheel. 2,402,594; June 25.

Beyerink, Leo J., Union Township, Carroll County, Iowa. Post-hole digger. 2,403,041; July 2.

Beynon, John H.: *See*—
Fawcett, Eric W. M., and Beynon.

Bezark, Joseph G., Chicago, Ill. Toy. 2,401,455; June 4.

Bible, Walter E., Denver, Colo., assignor, by mesne assignments, to The Hoover Company, North Canton, Ohio. Vacuum cleaning system. 2,404,358; July 23.

Bible, Walter E., Denver, Colo., assignor, by mesne assignments, to The Hoover Company, North Canton, Ohio. Vacuum cleaning system. 2,405,129; Aug. 6.

Bice, Richard A.: *See*—
Boyd, John, and Bice.

Bichsel, Harry J.: *See*—
Mahoney, John R., and Bichsel.

Bichsel, Harry J., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control circuit. 2,411,358; Nov. 19.

Bickley, Everett H., Bala Cynwyd, Pa. Photoelectric tube. 2,392,969; Jan. 15.

Bicknell, Alfred B., Toronto, Ontario, Canada, assignor to United States Gypsum Company, Chicago, Ill. Wallboard package and holder. 2,393,514; Jan. 22.

Bicknell, George M., assignor to Carter Carburetor Corporation, St. Louis, Mo. Carburetor. 2,402,361; June 18.

Bicknell, George M., assignor to Carter Carburetor Corporation, St. Louis, Mo. Carburetor. 2,408,726; Oct. 8.

Bicknell, George M., assignor to Carter Carburetor Corporation, St. Louis, Mo. Nonicing carburetor. 2,410,564; Nov. 5.

Bickness, Frank A.: *See*—
Bishop, Benjamin S. T., and Bicknell.

Biddle, William P., Jr.: *See*—
Sanford, Hugh W., and Biddle.

Biddle, William P., Jr., assignor to Sandebond Patents, Inc., Knoxville, Tenn. Water reservoir for cooking stoves. 2,393,881; Jan. 29.

Biddle, William P., Jr., and H. W. Sanford, Jr., assignors to H. W. Sanford, Knoxville, Tenn. Furnace stoker. 2,404,211; July 16.

Bidwell, Earl E., Los Angeles, Calif. Small boat control. 2,402,724; June 25.

Bieber, Clarence G., B. E. E. Franke, and W. F. Sumpter, Huntington, W. Va., assignors to The International Nickel Company, Inc., New York, N. Y. Removal of sulphur from molten metallic masses. 2,406,582; Aug. 27.

Biederman, Joseph B., Cincinnati, Ohio. Respiratory filtering device. 2,404,686; July 23.

Biedess, Anthony R., assignor to Goodman Manufacturing Company, Chicago, Ill. Car coupling. 2,395,716; Feb. 26.

Biefeld, Lawrence P., Newark, Ohio, assignor to Owens-Corning Fiberglas Corporation. Glass fiber strand. 2,392,805; Jan. 15.

Bieg, Herman, St. Louis, Mo. Spot gauge. 2,412,489; Dec. 10.

Biehl, Fred, and E. O. Thompson, Peshtigo, Wis; said Biehl assignor to said Thompson. Self-locking gearing. 2,408,365; Oct. 1.

Bieler, Jacques L., Ottawa, Ontario, Canada. Water heating installation. 2,396,634; Mar. 19.

Bielski, Alex J., and W. J. Luckock, Fort Wayne, Ind., assignors to Farnsworth Television and Radio Corporation. Coupling device. 2,407,530; Sept. 10.

Bierman, Carroll M., Franklin Square, N. Y. Roller skate wheel. 2,392,633; Jan. 8.

Bierman, Carroll M., Franklin Square, N. Y. Ornamental skate wheel. 2,392,634; Jan. 8.

Bierman, Everett C., assignor to Semagraph Company, Charlotte, N. C. Making reticles. 2,413,600; Dec. 31.

Bierman, George H., River Forest, Ill., assignor to American Can Company, New York, N. Y. Soldering machine. 2,405,178; Aug. 6.

Bierman, John, assignee: *See*—
Adams, Oscar H.

Biermann, Arnold E., Hampton, Va. Machine for manufacturing spiral vanes. 2,403,573; July 9.

Biermann, Arnold E., Hampton, Va. Compressor. 2,411,707; Nov. 26.

Bierwirth, Rudolph A., Haddon Heights, and C. N. Hoyler, Audubon, N. J., assignors to Radio Corporation of America. Apparatus for treating metal. 2,401,899; June 11.

Bies, Frank R., Springfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave filter. 2,406,796; Sept. 3.

Bieth, Tom C., Goteborg, Sweden. Apparatus for cleaning of flue gases. 2,404,347; July 23.

Bigelow, Charles A., Houston, Tex. Airplane strut and the like. 2,399,317; Apr. 30.

Bigelow-Sanford Carpet Co. Inc., assignee: *See*—
Dildillian, Ara T.
Dow, James N., and Dildillian.

Biggie, Laurence C., Altadena, assignor to General Controls Co., Glendale, Calif. Fluid control valve. 2,412,490; Dec. 10.

Biggs, Leonard R., Schenectady, and W. J. Zimola, Scotia, N. Y., assignors to General Electric Company. Expansion joint arrangement. 2,393,137; Jan. 15.

Biggs, Orrick H., Beverly, and H. Heins, Marblehead, assignors to Sylvania Electric Products Inc., Salem, Mass. Ultra high frequency generator. 2,408,903; Oct. 8.

Bilan, John, Flint, Mich. Window brake. 2,397,462; Apr. 2.

Bilan, John, Flint, Mich. Glass electric hot plate. 2,409,244; Oct. 15.

Bilek, Frank J., assignor to The Globe Company, Chicago, Ill. Poultry shackle. 2,405,688; Aug. 13.

Biles, Walter C., Bremerton, Wash. Wrench. 2,395,088; Mar. 5.

Bill, James, Jr., Woodbury, N. J. Distribution nozzle for filters and the like. 2,412,032; Dec. 3.

Biller, David J., assignor to Day-Brite Lighting, Inc., St. Louis, Mo. Electric lighting fixture. 2,392,306; Jan. 8.

Biller, David J., assignor to Day-Brite Lighting, Inc., St. Louis, Mo. Overhead electric lighting fixture. 2,411,952; Dec. 3.

Billeter, Arno L., Vandergrift, and M. C. King, Pittsburgh, Pa., assignors to Carnegie-Illinois Steel Corporation. Annealing method. 2,402,013; June 11.

Billing, Henry J., Ashow, near Kenilworth, and G. A. G. Fazekas, Coventry, assignors to Simmonds Development Corporation Limited, London, England. Stopper. 2,396,035; Mar. 5.

Billings, Horace P., Haddonfield, N. J., assignor to Radio Corporation of America. Sound recording composition. 2,401,900; June 11.

Billings, Howard J., South Acton, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Lubrication of textile fibers. 2,413,428; Dec. 31.

Billings, Roy O., Milwaukee, Wis. Pull shovel. 2,411,498; Nov. 26.

Billingsley, John W., assignee: *See*—
Kilbury, Paul D.

Billman, John H., Bloomington, Ind. preparing α-amino acids and N-substituted-α-amino acids. 2,394,230; Feb. 5.

Billman, John H., Bloomington, Ind. Plant stimulant composition and method. 2,411,359; Nov. 19.

Billman, Stig K. M., assignee: *See*—
von Hortenau, Hans.

Billman, Walter, Philadelphia, Pa. Extension plug. 2,406,128; Aug. 20.

Bimberg, Elmer M.: *See*—
Sloane, Robert W., and Bimberg.

Bi-Metal Piston Ring Corporation, assignee: *See*—
Barnes, Llewellyn T.

Binder, Thomas W., Maplewood, N. J. Air conditioning 2,405,812; Aug. 13.

Binford, Benjamin L., assignor to Fred H. Schaub Engineering Co., Chicago, Ill. Flow responsive device. 2,400,479; May 21.

Bing, Herbert A.: *See*—
Mihalyi, Joseph, Bing, and Craig.

Bingham, Arthur E., assignor to Dowty Equipment Limited, Cheltenham, England. Damping valve for shock absorbers, resilient devices, dashpots, and the like. 2,397,640; Apr. 2.

Bingley, Frank J., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Grid structure for vacuum tubes and the like. 2,397,233; Mar. 26

Bingley, Frank J., Chestnut Hill, and R. C. Moore, assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Amplitude limiting systems. 2,399,091; Apr. 23.

Binkley, Charles H.: *See*—
Brother, George H., and Binkley.

Binkley, Stephen B.: *See*—
Pfaffner, Joseph J., Binkley, Bloom, and Emmett.

Binks Manufacturing Company, assignee: *See*—
Allen, George.
Gustafsson, Eric, and Baur.

Binks, Squire, Toronto, Ontario, Canada. Toy gun. 2,405,341; Aug. 6.

Binnall, Frederick C.: *See*—
Russell, Irving H., and Binnall.

Binneweg, Abraham, Jr., Oakland, Calif. Electronic apparatus. 2,392,900; Jan. 15.

Binns, George W.: *See*—
Decker, Jacob, and Binns.

Binus, David J., assignor to The Weber Dental Manufacturing Company, Canton, Ohio. Door apparatus for dental units and the like. 2,396,311; Mar. 12.

Binz, Gustave H., Chicago, Ill. Movable table top. 2,396,242; Mar. 12.

Bippus, Samuel: *See*—
Keim, Simeon, and Bippus.

Bir, Bernard J., Belleville, Ill. Electrical attachment plug. 2,411,846; Dec. 3.

Birch, George W.: *See*—
Crowell, Walter S., and Birch.

Birch, Harold W., Belmont, Mass. Machine for splitting tubular fabric, opening it and extracting moisture therefrom. 2,410,146; Oct. 29.

Birch, Stanley F., F. A. Fidler, and L. S. Thornes, Sunbury-on-Thames, assignors to Anglo-Iranian Oil Company Limited, London, England. Production of an aviation or motor fuel or an aviation motor fuel constituent. 2,407,214; Sept. 10.

Bird, Anthony, assignee, et al.: *See*—
Plebanek, Leonard Z.

Bird, Byron M., Columbus, Ohio, assignor, by mesne assignments, to The Jeffrey Manufacturing Company. Jig. 2,401,218; May 28.

Bird, John C., Pleasantville, and A. Kuna, Douglaston, N. Y., assignors, by mesne assignments, to The William S. Merrell Company, Cincinnati, Ohio. Aqueous solution of riboflavin. 2,407,624; Sept. 17.

Bird & Son, Inc., assignee: *See*—
Beasley, Milton R.
Young, James G.

Birdsall, Edwin H., Golden, Colo., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Apparatus for feeding and delivering ammunition blanks. 2,409,657; Oct. 22.

Birk, Paul M.: *See*—
Trimbach, Clem G., and Birk.

Birk, Paul M., Kenmore, N. Y., assignor to Curtiss-Wright Corporation. Torque wrench. 2,404,029; July 16.

Birkigt, Louis, Versoix, Geneva, Switzerland. Supercharged internal-combustion engine. 2,397,941; Apr. 9.

Birkigt, Louis, Versoix, near Geneva, Switzerland. Power plant. 2,400,068; May 14.

Birkigt, Louis, Versoix, Geneva, Switzerland. Internal-combustion engine. 2,402,725; June 25.

Birkigt, Louis, Versoix, near Geneva, Switzerland, assignor to G. F. Sarazin, Saint-Prix (Seine-et-Oise), France. Centrifugal pendulum. 2,393,305; Jan. 22.

Birkin, Dimitri, Boston, Mass. Buffet server. 2,411,864; Dec. 3.

Birkner, Emil O.: *See*—
Brady, Robert H., and Birkner.

Birkner, Gertrude M., assignee, et al.: *See*—
Brady, Robert H., and Birkner.

Birma Manufacturing Company, Inc., assignee: *See*—
Cook, James A.

Birmann, Rudolph, Newtown, assignor, by mesne assignments, to Federal Reserve Bank of Philadelphia. Bearing construction for turbines or the like. 2,403,489; July 9.

Birmann, Rudolph, Newtown, Pa., assignor, by mesne assignments, to Federal Reserve Bank of Philadelphia. Variable ratio compressor. 2,405,282; Aug. 6.

Birmann, Rudolph, Newtown, Pa., assignor, by mesne assignments, to Federal Reserve Bank of Philadelphia. Elastic fluid mechanism. 2,405,283; Aug. 6.

Birmann, Rudolph, Newtown, Pa., assignor, by mesne assignments, to Federal Reserve Bank of Philadelphia. Centrifugal compressor. 2,405,284; Aug. 6.

Birmann, Rudolph, Newtown, Pa., assignor, by mesne assignments, to Federal Reserve Bank of Philadelphia. Exhaust energy converting internal-combustion engines. 2,406,656; Aug. 27.

Birmann, Rudolph, Newtown, Pa., assignor, by mesne assignments, to Federal Reserve Bank of Philadelphia. Rotor for elastic fluid mechanism. 2,407,469; Sept. 10.

Birmann, Rudolph, Newtown, Pa., assignor, by mesne assignments, to Federal Reserve Bank of Philadelphia. Elastic fluid mechanism. 2,407,531; Sept. 10.

Birmann, Rudolph, Newtown, Pa., assignor, by mesne assignments, to Federal Reserve Bank of Philadelphia. Elastic fluid mechanism. 2,410,259; Oct. 29.

Biro, Laszlo J., assignor, by mesne assignments, to "Eterpen" Sociedad Anonima Financiera, also known as Eterpen S. A., Buenos Aires, Argentina. Writing instrument. 2,397,229; Mar. 26.

Biro, Laszlo J., assignor, by mesne assignments, to "Eterpen" Sociedad Anonima Financiera, also known as Eterpen S. A., Buenos Aires, Argentina. Fountain pen. 2,400,679; May 21.

Birr, Edmund E., Kenmore, assignor to Colonial Radio Corporation, Buffalo, N. Y. Self-quenched superregenerative receiver. 2,407,394; Sept. 10.

Birse, Robert R., Harrogate, England. Electrical signaling system. 2,400,908; May 28.

Birse, Robert R., Harrogate, England. Electrical signaling system. 2,400,909; May 28.

Birtman Electric Company, assignee: *See*—
French, Edward A., and Sporney.

Biscuw, Harry B., New York, N. Y. Obstetrical measuring instrument. 2,394,140; Feb. 5.

Bisesi, Joseph L.: *See*—
Roy, Nereus H., and Bisesi.

Bishop, Benjamin S. T., Shrewsbury, and F. A. Bicknell, assignors to Leland-Gifford Company, Worcester, Mass. Profile milling machine. 2,405,550; Aug. 13.

Bishop, Benjamin S. T., Shrewsbury, and F. A. Bicknell, assignors to Leland-Gifford Company, Worcester, Mass. Grinding wheel truing apparatus. 2,405,551; Aug. 13.

Bishop, Howard B., assignee: *See*—
Pearson, Herbert P.

Bishop, James O., Torrance, and L. L. Babcock, Compton, Calif., assignors to The National Supply Company, Pittsburgh, Pa. Flame heating apparatus. 2,410,005; Oct. 29.

Bishop, John H., Wenonah, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Mineral oil composition. 2,395,093; Feb. 19.

Bishop, Laurence J., Virginia Water, England. Surgical operating appliance. 2,400,336; May 14.

Bishop, R. H., Company, assignee: *See*—
Bishop, Robert H.

Bishop, Richard B.: *See*—
Badertscher, Darwin E., Berger, and Bishop.
Badertscher, Darwin E., and Bishop.

Bishop, Robert H., assignor to R. H. Bishop Company, Champaign, Ill. Food dispenser cabinet. 2,397,403; Mar. 26.

Biskamp, Ernest J., San Antonio, Tex. Closure for cartons. 2,407,865; Sept. 17.

Bissell, Melton A., assignee: *See*—
Osterstuck, Lester M.

Bissett, Ernest E., Vancouver, British Columbia, Canada. Airplane. 2,402,311; June 18.

Bissantz, Fred, assignor to The Gallon Metallic Vault Company, Gallon, Ohio. Dump body. 2,402,362; June 18.

Bitler, William P.: *See*—
Flisik, Alvin C., Nicholl, and Bitler.
Nicholl, Leonard, and Bitler.

Bitler, William P., Haverstraw, and L. Nicholl, Nyack, assignors to Kay-Fries Chemicals, Inc., West Haverstraw, N. Y. Plasticizers. 2,406,657; Aug. 27.

Bitter, H. Calvin: *See*—
Wild, Edward, and Bitter.

Bitting, Charles D., Kenvil, N. J., assignor to Hercules Powder Company, Wilmington, Del. Granular ammonium nitrate explosive. 2,395,367; Feb. 19.

Bittner, Clarence W.: *See*—
Bailey, William A., Jr., and Bittner.

Bitzer, Gottlob, Lincoln Park, assignor to Textile Machine Works, Wyomissing, Pa. Automatically performing welting operations. 2,413,601; Dec. 31.

Bivans, Elbert L., Los Angeles, Calif. Pepper mill. 2,407,808; Sept. 17.

Bivens, Maurice E., Schenectady, N. Y., assignor to General Electric Company. Electric control circuit. 2,411,708; Nov. 26.

Bixby, Harold S., East Haven, Conn. Lock for fluorescent lamps. 2,401,408; June 4.

Bixby, Harold S., East Haven, Conn. Lamp socket. 2,402,941; July 2.

Bixby, William H., assignor to D. R. Middleton and S. M. Hanley, doing business as Power Equipment Company, Detroit, Mich. Voltage regulation. 2,409,610; Oct. 22.

Bjerke, Edwin, Wallace, Idaho. Safety means for mine cages. 2,403,333; July 2.

Bjorback, John A., assignee: *See*—
Holloway, Hamilton R.

Bjork, Albin A., Ashland, Wis. Boat wheelbarrow. 2,395,717; Feb. 26.

Bjorklund, Carl S., E. C., and E. T., Milwaukee, Wis. Garment hander. 2,412,245; Dec. 10.

Bjorklund, Edgar C.: *See*—
Bjorklund, Carl S., E. C., and E. T.

Bjorklund, Edsel T.: *See*—
Bjorklund, Carl S., E. C., and E. T.

Bjorkman, Carl G., assignee: *See*—
Lange, Felix.

Bjorn, Theodore, assignee: *See*—
Brumble, Donald E.

Black, Alfred I., assignor to I. Black, Hartford City, Ind. Papermaking machinery. 2,401,603; June 4.

Black and Decker Manufacturing Company, The, assignee: *See*—
Teige, John J., and Thomas.
Wilhide, Glenn C.

Black, Eric A., Red Bank, N. J. Anchorage. 2,395,033; Feb. 19.

Black, Howard C.: *See*—
Phelps, Guy W., and Black.

Black, Howard C., assignor to Industrial Patents Corporation, Chicago, Ill. Color stabilization. 2,408,904; Oct. 8.

Black, Howard C., and C. A. Overley, assignors to Industrial Patents Corporation, Chicago, Ill. Preparation of synthetic glycerides. 2,408,905; Oct. 8.

Black, Isabell, assignee: *See*—
Black, Alfred I.

Black, James J., assignor to The Trailer Company of America, Cincinnati, Ohio. Semitrailer attachment and support. 2,393,016; Jan. 15.

Black, James J., assignor to The Trailmobile Company, Cincinnati, Ohio. Caster trailer. 2,404,121; July 16.

Black, James J., assignor to The Trailmobile Company, Cincinnati, Ohio. Knockdown chassis for trailers. 2,413,404; Dec. 31.

Black, John B., assignor to The Glenn L. Martin Company, Middle River, Md. Fuel system. 2,409,245; Oct. 15.

Black, Lee: *See*—
Sells, Gale, Johnson, and Black.

Black, Robert, Jr., South Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sound translating device. 2,401,328; June 4.

Black, Robert, Jr., South Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Vibration detector. 2,410,805; Nov. 12.

Black, Robert, Jr., South Orange, and F. F. Romanow, Berkeley Heights, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electromechanical device. 2,405,179; Aug. 6.

Black, Robert, Jr., South Orange, and F. F. Romanow, Berkeley Heights, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Submarine signal detector. 2,410,806; Nov. 12.

Black, Theodore R., Tipp City, Ohio. Storage receptacle for toilet paper. 2,407,971; Sept. 24.

Black, William A., Montclair, N. J., assignor, by mesne assignments, to The W. L. Maxson Corporation, New York, N. Y. Remote control mechanism. 2,403,490; July 9.

Blackburn, Billee O.: *See*—
Hatch, Lewis F., Adelson, and Blackburn.

Blackburn, George, and Sons Limited, assignee: *See*—
Start, Harry W. and E.

Blackburn, Newell F., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Tin plating. 2,406,189; Aug. 20.

Blackhall, James M., assignor to Leich Electric Company, Genoa, Ill. Automatic telephone system. 2,396,077; Mar. 5.

Blackman, Herman J., assignee: *See*—
Miller, Irving B.

Blackman, Herman J., assignee, et al.: *See*—
Miller, Irving B.

Blackman, Paul F., Los Nietos, Calif. Ship bumper. 2,413,210; Dec. 24.

Blackman, Smith A., Kirkwood, assignor to Gaylord Container Corporation, St. Louis, Mo. Multisided shipping container with automatically locking slip cover. 2,412,798; Dec. 17.

Blackmun, Edward V., Bay Village, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Treatment of oxide coated aluminum articles. 2,407,809; Sept. 17.

Blackstone, Henry: *See*—
Hillyer, Curtis, Jr., and Blackstone.

Blackwelder, Ernest F., et al.: *See*—
Gordon, George C., and Blackwelder.

Blades, Ansley O., Rome, assignor to General Cable Corporation, New York, N. Y. Resinous compositions for wire coatings and the like. 2,397,592; Apr. 2.

Blades, James, Barberton, Ohio, assignor to Kamen Soap Products Co., New York, N. Y. Making salt water soap. 2,407,130; Sept. 3.

Blair, Charles M., Jr., Webster Groves, Mo., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Lubricating oils. 2,412,557; Dec. 17.

Blair, Charles M., Jr., Webster Groves, Mo., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Lubricating oils. 2,412,708; Dec. 17.

Blair, David, Chicago, Ill. Panty brief. 2,397,641; Apr. 2.

Blair, David, Chicago, Ill. Fastener for edges of wearing apparel and the like. 2,406,528; Aug. 27.

Blair, Francis E., Van Dyke, and I. Lada, Detroit, Mich. Vehicle towing device. 2,411,411; Nov. 19.

Blair, George W., and J. F. Schott, Mishawaka, Ind., and W. E. Faulk, Grosse Pointe, Mich., assignors to Mishawaka Rubber and Woolen Manufacturing Company, Mishawaka, Ind. Seat structure. 2,411,412; Nov. 19.

Blair, Lyman C., Houston, Tex. Hydraulic transmission control. 2,393,882; Jan. 29.

Blair, Peter, Tacoma, Wash. Circulating heater. 2,402,595; June 25.

Blair, Walter, Detroit, Mich. Portable riveter. 2,399,907; May 7.

Blais, J. L. Emile, assignee: *See*—
Gaudet, Henri.

Blaisdell, Charles O., Oak Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Wire heading apparatus. 2,401,329; June 4.

Blaisdell, Willard C., Elizabeth, N. J., assignor to National-Simplex-Bludworth, Inc. Interval meter. 2,394,286; Feb. 5.

Blake, Edward S., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Chloraralkyl esters of thio-acids. 2,396,487; Mar. 12.

Blake, Edward S., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Organic polysulphide plastic compositions. 2,398,998; Apr. 23.

Blake, Edward S., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Monothiasyl dithiocarbonates and preparing same. 2,404,771; July 30.

Blake, Joseph R., La Crescenta, assignor to Adel Precision Products Corp. Brake valve. 2,397,234; Mar. 26.

Blake, Ralph K., Parlin, and W. D. Baldsiefen, Metuchen, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Photographic element. 2,409,532; May 21.

Blakely, Robert T., Amityville, assignor to International Business Machine Corporation, New York, N. Y. Accounting machine. 2,396,229; Mar. 12.

Blakemore, Arthur L.: *See*—
Carr, Bradley S., and Blakemore.

Blaker, David G.: *See*—
Hachmuth, Karl H., and Blaker.
Roach, Wendell W., and Blaker.

Blakeslee, Clinton A., assignor to The Bristol Company, Waterbury, Conn. Control apparatus. 2,405,774; Aug. 13.

Blakeslee, Herbert G., Evanston, Ill., assignor to Harvey Cory, Prescott, Ariz. Vacuum coffee brewer. 2,392,358; Jan. 8.

Blanc, Samuel, Grantwood, N. J. Reproducing and projecting apparatus. 2,411,514; Nov. 26.

Blanchard, Alva G., and O. L. Mulloy, Shreveport, La.; said Mulloy assignor to said Blanchard. Automatic control mechanism for pressure vessels. 2,395,212; Feb. 19.

Blanchard, Charles E., Randolph, assignor to B. F. Sturtevant Company, Hyde Park, Boston, Mass. Drier. 2,405,818; Aug. 13.

Blanchard, Loring W., Jr.: *See*—
Malm, Carl J., and Blanchard.

Blanchard, Ralph A., Portland, Oreg. Electric water heater. 2,403,334; July 2.

Blanchard, Walter J., Park Lane, London, England. Lubricating system. 2,394,889; Feb. 12.

Blanchard, Werner J., C. S. J. MacNeil, J. F. Haines, and T. B. Martin, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich. Controllable pitch propeller. 2,405,285; Aug. 6.

Blanchard, William A., Millbury, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Picker for looms. 2,407,054; Sept. 3.

Blanchard, William A., Millbury, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Lever for loom pattern mechanism. 2,409,973; Oct. 22.

Blanchard, William A., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Vibrator lever for pattern mechanism. 2,409,972; Oct. 22.

Blanchette, Eli O., Killingly, Conn. Signaling device. 2,401,901; June 11.

Blanco, Elias: *See*—
Hagedorn, David O.

Blandford, Herbert S., Elmira, N. Y. Toy glider. 2,396,312; Mar. 12.

Blanding, Forrest H., Elizabeth, N. J., assignor to Standard Oil Development Company. Shale distillation. 2,396,036; Mar. 5.

Blank, Joseph N., Newport, assignor to The Wadsworth Electric Manufacturing Company, Covington, Ky. Meter installation fixture. 2,412,558; Dec. 17.

Blankenship, Curt, Lucasville, Ohio. Detachable cover. 2,395,840; Mar. 5.

Blankenship, Norwood, and T. N. Ness, Fort Wayne, Ind., assignors to General Electric Company. Rotary ironer. 2,393,958; Feb. 5.

Blankner, William, Lakewood, Ohio. Holding device. 2,409,827; Oct. 22.

Blann, William A.: *See*—
Durant, Walter W., and Blann.

Blasco, Stanley J., Erie, Pa. Shade mounting. 2,392,307; Jan. 8.

Blasutta, Victor V., assignor to The Denison Engineering Company, Columbus, Ohio. Hydraulic apparatus. 2,409,185; Oct. 15.

Blasutta, Victor V., assignor to The Denison Engineering Company, Columbus, Ohio. Fluid compressing apparatus. 2,411,020; Nov. 12.

Blattner, David G., Mountain Lakes, N. J., and F. W. Clayden, Bronxville, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Insulator. 2,405,180; Aug. 6.

Blau, Ludwig W., Houston, Tex., assignor to Standard Oil Development Company. Thermal prospecting. 2,403,704; July 9.

Blauvelt, Benjamin, Paterson, N. J. Work illuminating tool. 2,408,601; Oct. 1.

Blauvelt, Ralph C., Lakewood, Ohio, assignor to Zenith Radio Corporation. Portable apparatus. 2,406,583; Aug. 27.

Blaw-Knox Company, assignee: *See*—
Barnebey, Herbert L., and Needham.
Croft, George M.
Fox, Oscar M., and Boyer.
Hackett, William B.
Harcourt, Guy N., and Montgomery.
Kopetz, George.
Lavett, Charles O., and Kerker.
Pottmeyer, Edward W.
Venable, William M.
West, Carl H.

Blaylock, Raymond C., Bexley, Ohio, assignor to Curtiss-Wright Corporation. Power operated gun mount. 2,400,385; May 14.

Blazek, John Y., Bedford, and G. E. Sears, Cleveland, assignors to Lempco Products, Inc., Bedford, Ohio. Clutch plate. 2,397,642; Apr. 2.

Blazel Corporation, assignee: *See*—
Arvins, Nathan A., and Arvintz.

Blease, John H., Liverpool, England. Anesthetizing metering apparatus. 2,406,129; Aug. 20.

Blech, Henry, assignee: *See*—
Seliger, Cornelia R.

Bleeke, Gustave H., Fort Wayne, Ind. Apparatus for grading fruits, vegetables, and other products according to size. 2,410,147; Oct. 29.

Blessin, Siegfried E., Mertztown, Pa. Window construction. 2,397,721; Apr. 2.

Bletz, Edward, Lexington, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Heating apparatus. 2,392,635; Jan. 8.

Bletz, Edward, Lexington, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Heating apparatus. 2,399,423; Apr. 30.

Bletz, Edward, Lexington, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Heating apparatus. 2,409,414; Oct. 15.

Blicke, Frederick F., assignor to The Regents of the University of Michigan, Ann Arbor, Mich. β-dimethylaminoethyl ester of benzilic acid and its acid addition salts. 2,401,219; May 28.

Blicke, Frederick F., Washtenaw County, assignor to Regents of the University of Michigan, Ann Arbor, Mich. Basic alkyl esters and their salts. 2,410,040; Oct. 29.

Blickensderfer, Robert, Foster, and P. J. Welch, assignors to The American Rolling Mill Company, Middletown, Ohio. Metal hangar or similar building. 2,399,785; May 7.

Bliss, Norman R., Harrow, D. M. Heller, Wembley Park, L. C. Stenning, Ealing, London, and A. A. Chubb, Shipley, assignors to The General Electric Company Limited, London, England. Tuning electrical oscillators. 2,401,604; June 4.

Bliss, Conrad De K., Norwood, N. J., assignor to Air Reduction Company, Incorporated. Double-acting check valve. 2,396,037; Mar. 5.

Bliss, E. W., Company, assignee: *See*—
Cannon, Earl.
Crane, Edward V., and Johnson.
Crane, Edward V., and Kuhn.
Rode, Fredrich J.

Bliss, Elmer J., Chilmark, Mass. Fitting shoes. 2,399,424; Apr. 30.

Bliss, Harold D.: *See*—
Nagel, Theodore, and Bliss.

Bliss, Warren H., Orono, Maine, assignor to Radio Corporation of America. Radio receiving system. 2,409,012; Oct. 8.

Bliss, Warren H., Orono, Maine, assignor to Radio Corporation of America. Radio receiver. 2,411,494; Nov. 19.

Blitz, Daniel: *See*—
Sanders, Royden C., Jr., Mercer, and Blitz.

Blitz, Daniel, Princeton, N. J., assignor to Radio Corporation of America. Circuit time constant measurement. 2,408,727; Oct. 8.

Blitz, Daniel, Princeton, N. J., assignor to Radio Corporation of America. Balanced detector for altimeters. 2,410,006; Oct. 29.

Blitz, William, New York, N. Y. Recording map device. 2,393,228; Jan. 22.

Bloch, Herman S.: *See*—
Pines, Herman, and Bloch.

Bloch, Herman S., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Isomerization of normally liquid hydrocarbons. 2,408,548; Oct. 1.

Bloch, Herman S., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Recovery of hydrocarbons from a sludge. 2,413,310; Dec. 31.

Blocher, Ora G., Wayne, Mich., assignor, by mesne assignments, to Consolidated Vultee Aircraft Corporation. Clip. 2,406,315; Aug. 27.

Blocker, Mary A., Jupiter, Fla. Nursing slip. 2,407,220; Sept. 10.

Blocker, William B.: *See*—
Anthony, David S., and Blocker.

Blockson Chemical Co., assignee: *See*—
King, Charles S.

Blodgett, Edwin O., Rochester, assignor to International Business Machines Corporation, New York, N. Y. Typewriting machine. 2,396,230; Mar. 12.

Bloecher, Elmer L., St. Louis, Mo. Liquid applicator. 2,399,162; Apr. 30.

Blom, Carl J., San Marino, assignor to Byron Jackson Co., Vernon, Calif. Submersible motor. 2,404,783; July 30.

Blomberg, Knut H., New York, N. Y., assignor to Telefonaktiebolaget L. M. Ericsson, Stockholm, Sweden. Telephone set. 2,405,543; Aug. 6.

Blomberg, Martin P., Hinsdale, Ill., assignor to General Motors Corporation, Detroit, Mich. Sand box closure means. 2,394,358; Feb. 5.

Blomberg, Martin P., Hinsdale, Ill., assignor to General Motors Corporation, Detroit, Mich. Headlight mounting. 2,403,904; July 16.

Blomberg, Martin P., Hinsdale, Ill., and O. J. Stampen, Arlington, Va., assignors to General Motors Corporation, Detroit, Mich. Locomotive underframe. 2,409,730; Oct. 22.

Blomgren, Walter R., assignor to M. and S. Aron, and W. R. Blomgren, co-partners, doing business as Pacific Machine Works, Los Angeles, Calif. Universal joint. 2,394,890; Feb. 12.

Blomquist, Anders B., Cranston, R. I. Universal bench grinder. 2,409,415; Oct. 15.

Blood, Joel S., San Carlos, Calif. Surface grinding machine. 2,412,199; Dec. 10.

Bloom, Edward S.: *See*—
Pfirrer, Joseph J., Binkley, Bloom, and Emmett.

Bloom, Frederick S., assignee: *See*—
Guthrie, James M.

Bloom, Jack, Brooklyn, N. Y. Periodical display rack. 2,401,409; June 4.

Bloom, Richard A., Kenwood Station, assignor to Oneida, Ltd., Oneida, N. Y. Display table. 2,409,925; Oct. 22.

Bloom, Richard A., Kenwood Station, assignor to Oneida, Ltd., Oneida, N. Y. Display chest. 2,409,926; Oct. 22.

Bloomer, Ward J., Westfield, N. J., assignor to The Lummus Company, New York, N. Y. Azeotropic styrene distillation. 2,398,689; Apr. 16.

Bloomfield, John J., Burbank, Calif., assignor, by mesne assignments, to Lockheed Aircraft Corporation. Clutch. 2,400,625; May 21.

Bloomfield, John J., Burbank, Calif., assignor, by mesne assignments, to Lockheed Aircraft Corporation. Brake cooler. 2,409,099; Oct. 8.

Bloomfield, Samuel, Wichita, Kans. Expansible jaw screw driver. 2,404,427; July 23.

Bloomfield, Samuel, Wichita, Kans., assignor to C. E. Hovey, Kansas City, Mo., trustee. Screw driver. 2,405,130; Aug. 6.

Bloomfield, Samuel, Chicago, Ill. Can opener. 2,412,946; Dec. 24.

Bloomheart, John L., Toledo, Ohio, assignor to M. F. McKesson. Multiple purpose gas unit. 2,407,221; Sept. 10.

Bloore, Robert B., Newcastle-under-Lyme, assignor to Swinnertons Limited, Stoke-on-Trent, England. Apparatus for trimming handles and the like for pottery goods. 2,413,540; Dec. 31.

Bloser, Bernard D.: *See*—
Fink, Henry A., and Bloser.

Bloser, Dwight W., Edgewater, N. J., and F. C. Evans, Dongan Hills, N. Y., assignors to American District Telegraph Company, Jersey City, N. J. Supervisory signaling system. 2,400,069; May 14.

Blott, John F. T., Worcester Park, and P. Alexander, London, England, assignors to Shell Development Company, San Francisco, Calif. Bituminous composition containing mineral aggregates. 2,407,470; Sept. 10.

Blouin, Joseph P., Methuen, assignor to Pacific Mills, Lawrence, Mass. Loom weight hanger mechanism. 2,397,914; Apr. 9.

Blount, Harry, Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for vulcanizing articles. 2,394,658; Feb. 12.

Bludworth, Joseph E.: *See*—
Stitzler, Richard R., and Bludworth.

Bludworth, Joseph E., Cumberland, Md., assignor to Celanese Corporation of America. Dehydration process. 2,399,164; Apr. 30.

Bludworth, Joseph E., Cumberland, Md., assignor to Celanese Corporation of America. Cellulose derivative compositions. 2,402,942; July 2.

Bludworth, Joseph E., and D. P. Easter, Cumberland, Md., assignors to Celanese Corporation of America. 1-methylolcyclohexyl-cyclohexyl-carbinol. 2,410,007; Oct. 29.

Bludworth, Joseph E., and D. P. Easter, Cumberland, Md., assignors to Celanese Corporation of America. Chemical compounds. 2,410,008; Oct. 29.

Bludworth, Timothy F., Summit, N. J., assignor to National-Simplex-Bludworth, Inc. Interval meter and indicator therefor. 2,394,287; Feb. 5.

Bludworth, Timothy F., Summit, N. J., assignor to National-Simplex-Bludworth, Inc. Interval meter and indicator therefor. 2,394,288; Feb. 5.

Blue, John, assignor to John Blue Company, Laurinburg, N. C. Fertilizer distributor. 2,396,960; Mar. 19.

Blue, John, Company, assignee: *See*—
Blue, John.

Blue Ridge Glass Corporation, assignee: *See*—
Ingouf, Robert J. A., and Lewis.

Bluhill Foods, Incorporated, assignee: *See*—
Michel, Jacob L.

Blum, Asher, assignee: *See*—
Kornegg, Heinz-Horst E. Von K. Z.

Blum, George J., assignor to Armstrong Blum Manufacturing Company, Chicago, Ill. Saw blade holder. 2,394,034; Feb. 5.

Blum, George J., assignor to Armstrong Blum Manufacturing Company, Chicago, Ill. Saw blade. 2,394,035; Feb. 5.

Blum, Hosmer L., Fort Wayne, Ind. Mechanical movement. 2,396,410; Mar. 12.

Blum, Hosmer L., assignor to S. F. Bowser & Company, Incorporated, Fort Wayne, Ind. By-pass valve mechanism. 2,396,815; Mar. 19.

Blum, Robert D., Jr., Nashville, Tenn. Hectograph mass. 2,412,000; Dec. 10.

Blumberg, David, Bridgeport, Conn. Two cycle engine. 2,410,477; Nov. 5.

Blumberg, Paul, New Holstein, Wis. Road marking device. 2,396,981; Mar. 19.

Blumm, W. A., Bloomfield Hills, Mich., and E. W. Conarton, Jersey City, N. J., assignors to American Brake Shoe Company, New York, N. Y. Friction element. 2,410,924; Nov. 12.

Blumenfeld, Joseph, New York, N. Y. Preparation of alpha-hydroxy carboxylic acids. 2,405,878; Aug. 13.

Blumenstein, Max E., Hyattsville, Md. Projection picture feeding mechanism. 2,412,246; Dec. 10.

Blumenthal, Samuel J., Brooklyn, N. Y. Spectacles. 2,393,959; Feb. 5.

Blumer, Donald R., Bartlesville, Okla., assignor to Phillips Petroleum Company. Production of chlorine. 2,395,314; Feb. 19.

Blumer, Manuel, Petrolia, Pa., assignor to L. Sonneborn Sons, Inc., New York, N. Y. Petroleum mahogany sulphonic products. 2,396,673; Mar. 19.

Blumlein, Alan D., deceased, Ealing, London W. 5, England; D. Blumlein, executor, assignor to Electric & Musical Industries Limited, Hayes, England. Resonator for discharge tubes. 2,403,782; July 9.

Blumlein, Alan D., Ealing, London, W. 5, and E. L. C. White, Hillingdon, assignors to Electric & Musical Industries, Limited, Hayes, England. Pulse generating thermionic valve apparatus. 2,406,552; Aug. 13.

Blumlein, Alan D., Ealing, London W–5, and E. L. C. White, Hillingdon, assignors to Electric & Musical Industries Limited, Hayes, Middlesex, England. Radio pulse system with interference eliminator. 2,406,316; Aug. 27.

Blumlein, Alan D., Ealing, London, W–5, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Electrical apparatus for indicating or measuring distances. 2,406,529; Aug. 27.

Blumlein, Doreen, executor: *See*—
Blumlein, Alan D.

Blumm, Stanley W., Marathon, N. Y. Roller skate structure. 2,410,009; Oct. 29.

Blumstein, Abraham, Forest Hills, N. Y. Flexible band. 2,392,115; Jan. 1.

Blumstein, Abraham, Forest Hills, N. Y. Flexible band structure. 2,392,116; Jan. 1.

Blunk, Gene D., and H. E. Edwards, Mansfield, Ohio, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Apparatus for drying fabrics. 2,403,630; July 9.

Bly, Edwin P.: *See*—
Buckley, Walter D., and Bly.

Blyler, Lee L., Spotswood, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of cellulose nitrate. 2,399,620; May 7.

Boak, Willis E., Burton, Ohio, assignor to The American Steel and Wire Company of New Jersey. Coated nail. 2,403,783; July 9.

Boal, Stewart, Winnetka, assignor to Randolph Laboratories, Inc., Chicago, Ill. Portable fire extinguisher and supporting means. 2,397,235; Mar. 26.

Boals, Wayne S.: *See*—
Oscar, George R., and Boals.

Board of Commissioners of State Institutions, assignee: *See*—
Bourke, Norman.
Pollard, Cash B., and Kitchen.

Board of Trustees of the Leland Stanford Junior University, The, assignee: *See*—
Hansen, William W., and R. H. and S. F. Varian.

Board of Trustees of the University of Arkansas, assignee: *See*—
Engler, Kyle, Barger, and Thompson.

Boardman, Harry C., Chicago, Ill., assignor to Chicago Bridge & Iron Company. Storage vessel. 2,393,964; Feb. 5.

Bocchicchio, Alfeo, assignor to J. M. Zaccaria, Chicago, Ill. Scoop dispensing device for scales. 2,408,906; Oct. 8.

Bocji Corporation, assignee: *See*—
Lang, Joseph C.
La Place, Desmond R.

Bock, Ashley P., Catonsville, Md., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. High voltage, high power concentric transmission line. 2,408,408; Oct. 1.

Bock, George E., Chicago., assignor to Whiting Corporation, Harvey, Ill. Variable speed hydraulic coupling. 2,396,149; Mar. 5.

Bock, George E., Chicago, assignor to Whiting Corporation, Harvey, Ill. Apparatus for testing the brakes on airplane ground wheels. 2,409,467; Oct. 15.

Bock, George E., Chicago, assignor to Whiting Corporation, Harvey, Ill. Engine work stand. 2,409,468; Oct. 15.

Bock, Louis H., Huntingdon Valley, and A. L. Houk, assignors to Röhm & Haas Company, Philadelphia, Pa. Quaternary ammonium nitrophenates. 2,395,989; Mar. 5.

Bock, Louis H., Huntingdon Valley, Pa., H. C. E. Johnson, New York, N. Y., and L. J. Armstrong, assignors to Rohm & Haas Company, Philadelphia, Pa. Aminomethyl amidothiazoles. 2,409,828; Oct. 22.

Boddy, Leonard, Ann Arbor, Mich., assignor to The Anderson Company. Electrical indicating system. 2,407,810; Sept. 17.

Bode, Nicholas H., assignee: *See*—
Carl, Gustav R.

Bodeman, John S., St. Louis, Mo. Curtain fixture. 2,402,800; June 25.

Boden, Ernest G., Canton, Ohio, assignor to The Timken Roller Bearing Company. Bearing mounting. 2,407,532; Sept. 10.

Boden, Samuel H., and J. M. Cumming, Turtle Creek, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit breaker. 2,394,036; Feb. 5.

Boden, Samuel H., and J. M. Cumming, Turtle Creek, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit breaker. 2,411,360; Nov. 19.

Bodenheim, Francis A., Kew Gardens, N. Y. Confectionary product. 2,399,195; Apr. 30.

Bodine, Albert G., Los Angeles, Calif. Charge forming method and apparatus for internal-combustion engines. 2,409,611; Oct. 22.

Bodine, Albert G., Jr., Burbank, assignor to The Calpat Corporation, Los Angeles, Calif. Method of and apparatus for starting engines. 2,410,403; Nov. 5.

Bodle, Alexander T.: *See*—
Firth, David, and Bodle.

Bodman, John W., Winchester, Mass., assignor to Lever Brothers Company. Treating soap. 2,392,831; Jan. 15.

Bodman, John W., Winchester, assignor to Lever Brothers Company, Cambridge, Mass. Producing an aerated soap. 2,398,776; Apr. 23.

Bodman, John W., Winchester, assignor to Lever Brothers Company, Cambridge, Mass. Synthetic organic non-soap detergent in bar form and making same. 2,407,647; Sept. 17.

Bodman, John W., Winchester, and F. F. Pease, Squantum, Mass., assignors to Lever Brothers Company. Forming separable bar of detergent and resulting product. 2,400,871; May 28.

Bodmer, Ernest, Geneva, Switzerland. Device for automatic lathes. 2,399,621; May 7.

Bodmer, Ernest, Geneva, Switzerland. Regulating device for friction-cones clutches. 2,409,013; Oct. 8.

Boeck, Edgar L., Hudson Heights, N. J. Illuminated clock dial. 2,402,014; June 11.

Boeck, Max F., and H. L. Rausch, assignors to The Sheffield Corporation, Dayton, Ohio. Threading apparatus. 2,397,463; Apr. 2.

Boeckeler, Benjamin C., Riverside, Conn., assignor to The Hydrojet Corporation, Wilmington, Del. Releasing gases from liquids. 2,411,186; Nov. 19.

Boecker, Theodore J., Melrose, assignor to Herwal Shoe Co., Inc., Everett, Mass. Fabricated elastic sheet material. 2,401,132; May 28.

Boedeker, Edward R., and A. G. Oblad, Dallas, Tex., assignors, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Manufacture of motor fuel. 2,397,085; Mar. 26.

Boegebold, Alfred L., and R. H. Terry, Detroit, Mich. Sintered iron article. 2,402,120; June 18.

Boehler, Robert E., Gary, Ind., assignor to Universal Atlas Cement Company. Method and apparatus for determining total surface in granular beds. 2,392,636; Jan. 8.

Boehler, Robert E., Gary, Ind., assignor to Universal Atlas Cement Company. Method and apparatus for determining surface of comminuted material. 2,392,637; Jan. 8.

Boehike, William F., Los Angeles, Calif. Electric swivel connector. 2,404,564; July 23.

Boehm, Alfred A., Jr., New York, N. Y. Warpage measuring machine. 2,407,648; Sept. 17.

Boehnke, Hugo V.: *See*—
Wiken, Christy A., and Boehnke.

Boeing Aircraft Company, assignee: *See*—
Haberlin, John F.
Hudson, Verne L.
Ostlund, Albion I., and Christian.

Boerner, Arthur R., assignor, by mesne assignments, to Automatic Products Company, Milwaukee, Wis. Chair. 2,398,072; Apr. 9.

Boerner, Lewis W.: *See*—
Hogenmiller, Francis J., Boyd, and Boerner.

Boerner, Thomas J., Collingswood, and J. W. Sanborn, Merchantville, N. J., assignors to Radio Corporation of America. High-frequency apparatus. 2,412,314; Dec. 10.

Boes, Floyd M., assignee: *See*—
Morris, Thomas L.

Boese, Albert B., Jr., Pittsburgh, Pa., and F. G. Young, Jr., Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation. Preparation of 1,3-diketones. 2,395,800; Mar. 5.

Boettger, Charles R., Jr., Roselle, T. S. Chambers, Newark, and O. C. Slotterbeck, Rahway, N. J., assignors to Standard Oil Development Company. Electrolytic pinacol production. 2,408,036; Sept. 24.

Boettinger, Leo J., Sartell, Minn. Head box slice for paper making machines. 2,394,509; Feb. 5.

Bogart, Fred H., South Euclid, assignor to The Warner & Swasey Company, Cleveland, Ohio. Work gripping device. 2,399,622; May 7.

Bogart, Fred H., South Euclid, assignor to The Warner & Swasey Company, Cleveland, Ohio. Machine tool having a torque measuring device. 2,402,273; June 18.

Bogart, Marcel J. P.: *See*—
Brunjes, Austin S., and Bogart.

Bogia, Frank D., Clifton, N. J., assignor to Grant Positype Corporation, New York, N. Y. Picture frame. 2,403,491; July 9.

Bogin, Charles, assignor to Commercial Solvents Corporation, Terre Haute, Ind. Cellulose acetate butyrate coating compositions. 2,400,453; May 14.

Bogin, Charles, assignor to Commercial Solvents Corporation, Terre Haute, Ind. Coatings for cellulose acetate plastics. 2,406,658; Aug. 27.

Bogle, Homer T., U. S. Navy. Aircraft landing net. 2,405,556; Aug. 13.

Bogoslowsky, Boris, Jackson Heights, N. Y. Collapsible tube. 2,396,635; Mar. 19.

Bogoslowsky, Boris, Jackson Heights, N. Y. Container. 2,402,943; July 2.

Bogoslowsky, Boris, Jackson Heights, N. Y. Apparatus for making collapsible tubes. 2,403,042; July 2.

Bogoslowsky, Boris, Jackson Heights, N. Y. Container. 2,406,682; Aug. 13.

Bogoslowsky, Boris, Jackson Heights, N. Y. Collapsible tube. 2,411,244; Nov. 19.

Boh, George W., assignor to O. B. Andrews Company, Chattanooga, Tenn. Packing wrapper. 2,408,159; Sept. 24.

Bohler, Francis M., Long Beach, Calif. Portable surface grinder. 2,409,340; Oct. 15.

Bohmer, Charles W., Jr.: *See*—
Wright, Donald L., and Bohmer.

Bohmer, Clarence I., and A. S. Millikin, assignors to The Jaeger Machine Company, Columbus, Ohio. Mix-consistency indicator for concrete mixers. 2,409,014; Oct. 8.

Bohn, August J., Fulton County, Ga. Masonry structure and units used therewith. 2,397,119; Mar. 26.

Bohn, Donald L., Pittsburgh, assignor to I. T. E. Circuit Breaker Company, Philadelphia, Pa. Circuit breaker holding magnet and armature. 2,412,247; Dec. 10.

Bolcey, James H., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Laminated glass glazing unit. 2,406,939; Sept. 3.

Bolsselier, Earl D.: *See*—
Hohmann, Richard K., and Bolsselier.

Bolsselier, Earl D., Glen Ellyn, assignor to Sears, Roebuck and Co., Chicago, Ill. Motion-picture projector. 2,396,243; Mar. 12.

Bolvin, Odilon, Montreal, Quebec, Canada. Shoe heel. 2,400,282; May 14.

Bomeeno, John, Sewell, N. J., assignor to Radio Corporation of America. Extruding thermoplastic materials. 2,411,847; Dec. 3.

Bomovoy, Samuel A., Verona, N. J., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Cartridge crystal holder. 2,395,034; Feb. 19.

Bomovoy, Samuel A., Verona, N. J., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Frequency determining unit. 2,399,908; May 7.

Bomovoy, Samuel A., Verona, N. J., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Piezoelectric crystal cabinet. 2,410,041; Oct. 29.

Bomovoy, Samuel A., Verona, and K. K. Garrison, East Orange, N. J., assignors to Federal Telephone and Radio Corporation, New York, N. Y. Piezoelectric crystal holder. 2,395,841; Mar. 5.

Bomovoy, Samuel A., Verona, and H. Stuntz, Nutley, N. J., assignors to Federal Telephone and Radio Corporation, New York, N. Y. Frequency determining unit. 2,405,181; Aug. 6.

Boland, Edward J., Freeport, assignor, by mesne assignments, to Poor & Company, Chicago, Ill. Tie plate and rail anchor assembly. 2,410,260; Oct. 29.

Boland, John V., and B. Burton, St. Louis, Mo.; said Burton assignor to said Boland. Furnace. 2,394,975; Feb. 19.

Bolas, John T., and R. W. Edwards, assignors to The Bristol Aeroplane Company Limited, Bristol, England. Milling or like machine. 2,396,488; Mar. 12.

Bolas, John T., R. W. Edwards, and W. J. Latty, assignors to The Bristol Aeroplane Company Limited, Bristol, England. Machine for producing convex surfaces. 2,403,168; July 2.

Boldt, David H.: *See*—
Boldt, James R. and D. H.

Boldt, James R. and D. H., Seattle, Wash. Cafeteria cart. 2,413,164; Dec. 24.

Boldt, Kenneth: *See*—
Ross, William B., and Boldt.

Boldt, Werner F., Clayton, assignor to Wagner Electric Corporation, St. Louis, Mo. Variable pneumatic dampener for struts. 2,405,733; Aug. 13.

Bolens, Harry W., Port Washington, Wis., assignor, by mesne assignments, to The Seng Company, Chicago, Ill. Tiltable chair. 2,403,425; July 2.

Boldens Gruvaktiebolag, assignee: *See*—
Häger, Bror O.

Bolinger, George N., Shelbyville, Ill. Fireplace. 2,409,731; Oct. 22.

Bolinger, John C., San Marino, A. K. Brumbaugh, Inglewood, and J. H. Curtis, Redondo Beach, Calif., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Hydrogen fluoride alkylation of paraffins. 2,400,386; May 14.

Bolle, Léon, Geneva, Switzerland. Air or watertight device for timepieces. 2,399,092; Apr. 23.

Bolser, Henry A., West Bloomfield Township, Mich., assignor to Carter Carburetor Corporation, St. Louis, Mo. Safety connection for driving and driven members. 2,402,867; June 25.

Bolli, Bernhard, assignor to Société Anonyme Adolphe Saurer, Arbon, Switzerland. Internal-combustion engine. 2,398,690; Apr. 16.

Bolli, Bernhard, assignor to Aktiengesellschaft Adolph Saurer, Arbon, Switzerland. Fuel injection control device. 2,398,878; Apr. 23.

Bolli, Bernhard, assignor to Aktiengesellschaft Adolph Saurer, Arbon, Switzerland. Regulation of the scavenging and charging of two-stroke fuel injection internal-combustion engines. 2,403,844; July 9.

Bolling, Oscar S., assignor to Mereen-Johnson Machine Company, Minneapolis, Minn. Veneer edge gluing machine. 2,398,353; Apr. 16.

Bollinger, John C., San Marino, and P. W. Prutzman, Los Angeles, Calif., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Circulation and contacting of acid catalysts. 2,412,863; Dec. 17.

Bollman, John H., Rutherford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Ultra-sonic ranging device. 2,405,182; Aug. 6.

Bolsey, Jacques, New York, N. Y. Diaphragm adjusting mechanism. 2,397,915; Apr. 9.

Bolsey, Jacques, New York, N. Y. Range finder. 2,407,917; Sept. 17.

Bolsey, Jacques, New York, N. Y. Photographic camera. 2,409,605; Oct. 15.

Bolsey, Jacques, New York, N. Y. Shutter actuating mechanisms. 2,412,559; Dec. 17.

Bolster, Calvin M., U. S. Navy. Towed glider launching. 2,399,196; Apr. 30.

Bolt, John A.: *See*—
Kruse, Willard E., Nysewander, and Bolt.

Bolte, Leo R., Staten Island, N. Y. Temperature indicating electric iron. 2,408,750; Oct. 8.

Bolton, Elmer K., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Pickling solution for metals. 2,402,596; June 25.

Bolton, Frank L., Ithaca, N. Y. Production of salt brine. 2,412,560; Dec. 17.

Bolton, James, New Bedford, Mass. Method of and apparatus for use in preparing weaving warps. 2,406,988; Sept. 3.

Bolton, John W., & Sons, Inc., assignee: *See*—
Stuck, Harold D., and Bolton.

Bolton, William W.: *See*—
Stuck, Harold D., and Bolton.

Bomford, Douglas R., Pitchill, near Evesham, England. Implement or machine for hoeing. 2,413,429; Dec. 31.

Bonanno, Joseph L., Madison, N. J., assignor to Lionel Corporation, New York, N. Y. Smoke producing toy. 2,413,284; Dec. 31.

Bonard, Claude, administrator: *See*—
Dreyfus, Henry.
Dreyfus, Henry, Bryans, and Drewitt.
Dreyfus, Henry, Walker, and Rooney.

Bonbright, Howard, Grosse Pointe, assignor to Briggs Manufacturing Company, Detroit, Mich. Aircraft. 2,397,526; Apr. 2.

Bond, Donald C., Northbrook, and N. B. Russell, Winnetka, assignors to The Pure Oil Company, Chicago, Ill. Preparation of isobutane and ethyl chloride. 2,392,454; Jan. 8.

Bond, Donald C., Northbrook, and M. Savoy, assignors to The Pure Oil Company, Chicago, Ill. Preparation of ethyl halides. 2,412,550; Dec. 10.

Bond, George R., Jr., Paulsboro, N. J., assignor to Houdry Process Corporation, Wilmington, Del. Purification of styrene and its homologues. 2,410,042; Oct. 29.

Bond, Harlan A.: *See*—
Lacy, Burritt S., Bond, and Hinegardner.

Bond, Marion E., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Frequency discriminator. 2,404,359; July 23.

Bonde, Gust, Marinette, Wis. Double suction plunger. 2,406,317; Aug. 27.

Bonde, Joseph G., Santa Monica, Calif. Adjustable nose splint. 2,398,073; Apr. 9.

Bondley, Ralph J., Scotia, N. Y., assignor to General Electric Company. Magnetron. 2,404,212; July 16.

Bondley, Ralph J., Scotia, N. Y., assignor to General Electric Company. High-frequency electric discharge device. 2,406,277; Aug. 20.

Bongiovanni, Antonio, assignor of one-half to A. Geraci, Philadelphia, Pa. Eyeglass hanger. 2,411,361; Nov. 19.

Bonham, Walter R., Palo Alto, Calif. Engine fan control. 2,406,486; Aug. 27.

Boninchi, J., & Ses Fils, assignee: *See*—
Boninchi, Joseph A.

Boninchi, Joseph A., assignor to J. Boninchi & Ses Fils, Geneva, Switzerland. Tight winding device for timepieces. 2,405,087; July 30.

Bonkowski, Teofil L., Los Angeles, Calif. Shield for sanding drum slots. 2,413,185; Dec. 24.

Bonnefoy-Cudraz, Emile R., Courbevoie, France; vested in the Alien Property Custodian. Apparatus for manufacturing hollow glass articles. 2,405,557; Aug. 13.

Bonnell, Lauren W., Fort Worth, Tex., and R. G. Sharp, assignors to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Bomb loading apparatus for airplanes. 2,411,647; Nov. 26.

Bonnell, William S., Oakmont, and W. W. Weinrich, Fox Chapel Borough, Allegheny County, assignors to Gulf Research & Development Company, Pittsburgh, Pa. Conversion of hydrocarbons. 2,399,093; Apr. 23.

Bonner, Rowland E., Stamford, Conn., and M. D. Brewster, assignors to Atlas Powder Company, Wilmington, Del. Tack testing device. 2,406,989; Sept. 3.

Bonner, Walter F., Glen Ridge, N. J., assignor to Federal Telephone and Radio Corporation. Forming sprayed layers. 2,401,220; May 28.

Bonotto, Michele, Princeton, N. J., assignor to D. Di Frasso, Beverly Hills, Calif. Ingredients for producing high explosives. 2,411,145; Nov. 19.

Bonsack, Walter, South Euclid, assignor to The National Smelting Company, Cleveland, Ohio. Melting furnace. 2,393,306; Jan. 22.

Bonte, Frederick R., assignor to The Timken Roller Bearing Company, Canton, Ohio. Bearing steels. 2,413,602; Dec. 31.

Bonville, Edward J., New London, assignor to Robertson Paper Box Co., Inc., Montville, Conn. Box. 2,396,150; Mar. 5.

Bonyhady, Emil M., Worcester, Mass. Flyer's boot. 2,402,726; June 25.

Bonyhady, Emil M., Worcester, Mass. Heel construction for platform shoes. 2,402,727; June 25.

Booe, James M., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Electrolytic condenser and electrode therefor. 2,404,824; July 30.

Boogher, Howard, Hillsboro, Ill. Highway reflector sign. 2,411,187; Nov. 19.

Booharin, Leo Y., assignor of one-third to W. G. Campbell and one-third to G. Theroux, Edmonton, Alberta, Canada. Washing device. 2,395,094; Feb. 19.

Booharin, Leo Y., San Francisco, Calif., assignor of one-third to E. W. Tiedtke and one-third to O. F. Koehn. Paint brush. 2,395,245; Feb. 19.

Book, Charles R., assignor to The Eyelet Specialty Company, Waterbury, Conn. Cosmetic container. 2,409,658; Oct. 22.

Boon, William R., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Bisureas. 2,398,283; Apr. 9.

Boon, William R., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Alkylene-bis-ureas. 2,409,829; Oct. 22.

Boone, Charles G., assignor of one-half to Royal A. McIntyre, Tulsa, Okla. Fluid lift motor. 2,394,976; Feb. 19.

Boone, Charles G., assignor of one-half to R. A. McIntyre, Tulsa, Okla. Automatic drainage device. 2,413,430; Dec. 31.

Boone, Claude T., Sr., Dallas, Tex. Cotton harvesting machine. 2,406,058; Aug. 20.

Boone, Harry C., Lubbock, Tex. Brace. 2,412,075; Dec. 3.

Boone, Paul D.: *See*—
Turk, Amos, and Boone.

Boor, Francis H., Lafayette, Ind., assignor to Fairfield Manufacturing Company. Gear. 2,403,492; July 9.

Boos, Wilfred J., assignor to Walk Easy Foot Rest Manufacturing Company, St. Louis, Mo. Orthopedic appliance. 2,400,680; May 21.

Boosey, Edward W. N., Detroit, Mich. Vacuum breaker. 2,405,639; Aug. 13.

Boosey, Lawrence N., assignor to Norman Boosey Manufacturing Company, Detroit, Mich. Floor drain. 2,400,070; May 14.

Boosey, Norman, Manufacturing Company, assignee: *See*—
Boosey, Lawrence N.

Booth, Arthur C., North Ferrisburg, Vt. Controlling device for air conditioning systems. 2,401,042; May 28.

Booth, Douglas G.: *See*—
Pugh, Cyril A., and Booth.

Booth, Earl C., assignor to Noblitt-Sparks Industries, Inc., Columbus, Ind. Food drier. 2,396,455; Mar. 12.

Booth, Earl C., assignor to Noblitt-Sparks Industries, Inc., Columbus, Ind. Making tubing. 2,401,542; June 4.

Booth, Earl C., assignor to Noblett-Sparks Industries, Inc., Columbus, Ind. Metal furniture. 2,408,907; Oct. 8.

Booth, George W., assignee: *See*—
Walters, Charles.

Booth, Harry T., Dayton, Ohio. Viscosity responsive means. 2,400,910; May 28.

Booth, Harry T., Dayton, Ohio. Surge valve. 2,400,911; May 28.

Booth, James H., Detroit, Mich., assignor to Thompson Products, Inc. Seal structure. 2,397,464; Apr. 2.

Booth, James H., Detroit, Mich., assignor to Thompson Products, Inc., Cleveland, Ohio. Propeller joint. 2,401,812; June 11.

Booth, James H., Detroit, Mich., assignor to Thompson Products, Inc., Cleveland, Ohio. Steering joint assembly. 2,411,021; Nov. 12.

Booth, Robert B., Springdale, and E. C. Herkenhoff, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Beneficiation of iron ores. 2,410,376; Oct. 29.

Booth, Robert B., Springdale, and E. C. Herkenhoff, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Beneficiation of iron ores. 2,410,377; Oct. 29.

Booth, Robert B., Springdale, and J. E. Carpenter, Greenwich, Conn., assignors to American Cyanamid Company, New York, N. Y. Beneficiation of fluorite. 2,410,770; Nov. 5.

Booth, Rolfe G.: *See*—
Brunton, Bernard, and Booth.

Boothe, Eugene F., assignor to James R. Kearney Corporation, St. Louis, Mo. Fuse link. 2,394,590; Feb. 12.

Boothroyd, Hubert, Leicester, England, assignor to United Shoe Machinery Corporation, Flemington, N. J. Sewing machine. 2,411,499; Nov. 26.

Booton, W. E., Limited, assignee: *See*—
Booton, William E., and Witts.

Booton, William E., Leicester, and H. Witts, Peatling Magna, near Leicester, assignors to W. E. Booton Limited, Leicester, England. Circular knitting machine and method of knitting. 2,400,805; May 21.

Boots Aircraft Nut Corporation, assignee: *See*—
Kimbell, Arthur W.

Boppart, Ernst, assignee: *See*—
Giger, Ernst.

Boral, Emil: *See*—
Florjancic, Peter, and Boral.

Borchardt, Lester F.: *See*—
Dykoski, Walter J., and Borchardt.

Borchardt, Lester F., Minneapolis, Minn., assignor, by mesne assignments, to General Mills, Inc. Producing antirachitic material. 2,408,908; Oct. 8.

Borden Company, The, assignee: *See*—
Bradshaw, Lawrence, Morrow, and MacLagan.
Dunham, Henry V.
McClatchie, John M.

Borden, David M.: *See*—
Butterfield, John P., Borden, and Vogt.
Gilfillan, Henry W., Borden and Wyckoff.

Borden, David M., Royal Oak, assignor to Chrysler Corporation, Highland Park, Mich. Apparatus for controlling superchargers. 2,409,533; Oct. 15.

Borden, George C., Jr., and K. R. Karlson, Easton, Pa., assignors to Riegel Paper Corporation, New York, N. Y. Antifungus wrapper, etc. 2,406,990; Sept. 3.

Bordenca, Carl, Chicago, and C. J. B. Thor, Western Springs, assignors to The Visking Corporation, Chicago, Ill. Method of making alkoxy acetals. 2,409,015; Oct. 8.

Bordon Mfg. Co., Inc., assignee: *See*—
Donnelly, Thomas S., Jr.

Boree, Ray G., Jacksonville, Fla. Lock hook. 2,395,990; Mar. 5.

Borell, George L., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Mechanical torque amplifier. 2,412,386; Dec. 10.

Boren, John W., Marinette, Wis. Bassinet. 2,401,605; June 4.

Borg, Edward M., Seattle, Wash. Centrifugal extractor. 2,409,341; Oct. 15.

Borg, Edward M., Seattle, Wash. Preserving fish. 2,411,188; Nov. 19.

Borg, George W., Corporation, assignee: *See*—
Norrman, Ernst.
Richardson, Rodney G.

Borg-Warner Corporation, assignee: *See*—
Anderson, Edmund B.
Armantrout, Kenneth.
Bruestle, Carl O.
Carlson, Raymond A., and Swennes.
Carnagua, Harold E.
Carnagua, Harold E., and Swift.
Flinn, George E.
Kelbel, Donald W.
Klipela, Ano E.
Moffitt, William E.
Neumann, George R., and Farrell.
Nutt, Harold.
Orr, Palmer.
Reed, Harold V.
Rovick, John D.
Shriver, William C., Jr.
Stuhlman, Frank A., and Bruestle.
Swennes, Benjamin A., and Shelton.
Van Voorhees, Harold E.
Voytech, Charles F.

Borgelt, Elmer H., Dayton, Ohio, assignor to the Government of the United States of America, as represented by the Secretary of War. Junction box for rope thimble. 2,393,403; Apr. 16.

Borgeson, Victor: *See*—
Hughes, Gordon W., and Borgeson.

Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Carbohydrate derivatives. 2,392,359; Jan. 8.

Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Terpene derivatives. 2,394,359; Feb. 5.

Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Thiocyano substituted carboxylic acid esters. 2,400,095; May 14.

Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Rosin carbonates. 2,404,213; July 16.

Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Terpene polymer. 2,405,558; Aug. 13.

Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Stabilizing a polymerized rosin and polymerized rosin ester. 2,407,248; Sept. 10.

Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Tetrahydropyrrole alcohol esters of halogen substituted carboxylic acids. 2,410,197; Oct. 29.

Borgstrom, Parry, Washington, D. C. Gas absorbent material and making the same. 2,395,842; Mar. 5.

Borkenstein, Robert F., Indianapolis, Ind. Optical means for inspection. 2,406,451; Aug. 27.

Borkoski, Leon P., Stamford, assignor to Electrolux Corporation, Old Greenwich, Conn. Cord winder. 2,393,138; Jan. 15.

Borngesser, Otto J., Burlington, N. J., assignor, by mesne assignments, to Kaiser Cargo, Inc., Bristol, Pa. Hydraulic jack. 2,410,771; Nov. 5.

Borsheim, Hans T., Davenport, Iowa, assignor to J. I. Case Company, Racine, Wis. Seat construction. 2,411,125; Nov. 12.

Borst, David W., Schenectady, N. Y., assignor to General Electric Company. Electric control circuit. 2,404,614; July 23.

Borst, William H.: *See*—
White, Herbert E., and Borst.

Borsum, Adolph W., U. S. Navy. 360° resistance type transmitter. 2,396,244; Mar. 12.

Borsum, Adolph W., U. S. Navy. Remote indicator. 2,397,527; Apr. 2.

Bortnick, Newman M., assignor to Röhm & Haas Company, Philadelphia, Pa. Preparation of unsaturated esters. 2,393,737; Jan. 29.

Bortolotti, William, Detroit, Mich. Fixture for spreading mortar on glass blocks. 2,393,738; Jan. 29.

Bortolotti, William, Detroit, Mich. Fixture for spreading mortar on glass blocks. 2,403,335; July 2.

Borton, Alwyn E., South Orange, N. J., assignor to Associated Patentees, Inc., Ampere, N. J. Manufacture of cartridge links. 2,397,832; Apr. 2.

Borton, Alwyn E., South Orange, N. J., assignor to Associated Patentees, Inc., Ampere, N. J. Slide feed. 2,397,833; Apr. 2.

Borton, George W.: *See*—
Stine, James E., and Borton.

Bosh, James E., Berwyn, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Calling device. 2,394,360; Feb. 5.

Bosomworth, George P., Akron, Ohio, assignor to The Firestone Tire & Rubber Company. Apparatus for making sheet material. 2,404,582; July 23.

Bosomworth, George P., Akron, and D. C. Milner, Barberton, assignors to The Firestone Tire & Rubber Company, Akron, Ohio. Multiple pressure responsive device. 2,393,503; Jan. 22.

Bossetta, Gaspar R., New Orleans, La. Hot-water type food broiler. 2,397,643; Apr. 2.

Bosshard, Werner: *See*—
Hartmann, Max, Miescher, Kaegi, and Bosshard.

Bossi, Enea, New York, N. Y. Helicopter. 2,396,038; Mar. 5.

Boston Machine Works Company, assignee: *See*—
Vachon, Lionel G.

Boston Woven Hose & Rubber Company, assignee: *See*—
Knowland, Thomas M.
Marcy, Grosvenor D.

Bostwick, Lee G., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Tunable underwater signal source. 2,404,360; July 23.

Bostwick, Lee G., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Acoustic device. 2,404,784; July 30.

Bostwick, Lee G., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Moisture control in an electromechanical device. 2,404,786; July 30.

Bostwick, Lee G., and J. H. King, Chatham, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electromechanical device. 2,404,785; July 30.

Bostwick, Lee G., and J. H. King, Chatham, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Submarine signaling device. 2,411,865; Dec. 3.

Bostwick, Myron A., Budd Lake, and H. W. Lensner, East Orange, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Relay. 2,406,584; Aug. 27.

Botany Worsted Mills, assignee: *See*—
Smith, John S.

Bothwell, Edgar C., assignee: *See*—
Angell, Earle F.

Botnick, Maurice M., assignor to Silent Hoist & Crane Co., Brooklyn, N. Y. Retractable front carrier attachment for mobile cranes. 2,411,022; Nov. 12.

Botnick Motor Corporation, assignee: *See*—
Snell, Francis A.

Botten, John B., Russell Township, Geauga County, Ohio. Bucket locking means. 2,405,131; Aug. 6.

Bottom, Leonard R.: *See*—
Smith, Charles F. J., and Bottom.

Bouchard, Frederic J., Radford, Va., assignor to Hercules Powder Company, Wilmington, Del. Absorption of chlorine. 2,393,229; Jan. 22.

Bouchard, Frederic J., Blacksburg, Va., assignor to Hercules Powder Company, Wilmington, Del. Chlorinated rubber product and producing. 2,401,133; May 28.

Bouchard, Frederick J., Radford, Va., R. C. Gunness, Chicago, Ill., and R. L. Stern, South River, N. J., assignors to Hercules Powder Company, Wilmington, Del. Manufacturing nitrocellulose. 2,403,493; July 9.

Bouchard, Samuel E., Brighton, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Ophthalmic mounting. 2,410,704; Nov. 5.

Bouchard, Samuel E., Brighton, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Goggles. 2,412,076; Dec. 3.

Bouchard, Samuel E., Brighton, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Spectacle temple connection. 2,412,120; Dec. 3.

Boucher, Charles P., Paterson, N. J., assignor to National Inventions Corporation. Transformer. 2,391,873; Jan. 1.

Boucher, Charles P., Paterson, N. J., assignor, by mesne assignments, to National Inventions Corporation. Transformer apparatus. 2,391,874; Jan. 1.

Boucher, Charles P., Paterson, N. J., assignor, by mesne assignments, to National Inventions Corporation. Transformer apparatus. 2,410,624; Nov. 5.

Boucher, Charles P., Newark, N. J., assignor, by mesne assignments, to National Inventions Corporation. Electrical transformer apparatus. 2,391,875; Jan. 1.

Boucher, Herman G.: *See*—
Hall, Larry G., and Boucher.

Bouchez, Seraphin J., Massillon, assignor to The Timken Roller Bearing Company, Canton, Ohio. Automatic fuel feed control for internal-combustion engines. 2,399,459; Apr. 30.

Boucke, Heinz, Berlin-Charlottenburg 2, Germany, assignor, by mesne assignments, to Patents Research Corporation, New York, N. Y. Electric control system. 2,404,160; July 16.

Boudreau, John L., Westport, Conn. Magazine conversion unit. 2,396,816; Mar. 19.

Boudreau, Joseph M., New York, N. Y. Treating surfaces. 2,410,626; Nov. 5.

Bouget, Yves A., West Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Material handling apparatus. 2,398,879; Apr. 23.

Boughton, Fred W., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic paper. 2,394,289; Feb. 5.

Boughton, Olin W., Victor, R. B. Horsfall, Jr., Perinton, and W. T. Perkins, Irondequoit, assignors to Bausch & Lomb Optical Company, Rochester, N. Y. Optical instrument. 2,399,909; May 7.

Bouldin, Joseph W., Los Angeles, Calif. Fluid heater. 2,399,318; Apr. 30.

Boulicault, Marcel, Ladue, Mo. Teeth cleaning unit. 2,399,660; May 7.

Boumphrey, Geoffrey M., Pershore, England. Drawbar or hitch for agricultural implements. 2,394,744; Feb. 12.

Boumphrey, Geoffrey M., Pershore, England. Agricultural implement. 2,403,209; July 2.

Bour, Robert C., assignor to Ditto, Incorporated, Chicago, Ill. Hectograph blanket and preparing same. 2,407,395; Sept. 10.

Bourcier, Charles D., Grafton, Mass. Emergency landing strip. 2,402,597; June 25.

Bourdius, John P., New York, N. Y. Cushion rest attachment for telephone instruments. 2,408,194; Sept. 24.

Bourgeois, Edward J., Burlington, Vt. Rear hub and axle assembly for floating axles. 2,403,494; July 9.

Bourke, Norman, Gainesville, assignor to Board of Commissioners of State Institutions, Tallahassee, Fla. Acid spray gun. 2,394,424; Feb. 5.

Bourne, Harry K., Rugby, England, assignor to General Electric Company. Electric vapor lamp apparatus and operation. 2,405,286; Aug. 6.

Bourne, Raymond D., Middletown, Ohio. Building ships. 2,398,131; Apr. 9.

Bourne, Robert R., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Impregnating porous metal parts. 2,401,221; May 28.

Bourque, Philip L., Detroit, Mich. Electrode holder. 2,395,213; Feb. 19.

Bourque, Philip L., Detroit, Mich. Electrode holder. 2,395,214; Feb. 19.

Bousky, Samuel, Shaker Heights, assignor, by mesne assignments, to Jack & Heintz, Inc., Cleveland, Ohio. Motor speed control. 2,395,246; Feb. 19.

Bousky, Samuel, Shaker Heights, assignor, by mesne assignments, to Jack & Heintz Precision Industries, Inc., Cleveland, Ohio. Two-phase motor. 2,405,012; July 30.

Bousky, Samuel, Shaker Heights, assignor, by mesne assignments, to Jack & Heintz Precision Industries, Inc., Cleveland, Ohio. Gyro rotor assembly. 2,413,285; Dec. 31.

Bousquet, Euclid W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Method and Composition. 2,393,086; Jan. 15.

Bousquet, Euclid W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical process. 2,402,530; June 25.

Bousquet, Euclid W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Compositions of matter. 2,405,559; Aug. 13.

Bousquet, Euclid W., Wilmington, Del., and H. G. Guy, Penn Township, Allegheny County, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Pest control. 2,410,862; Nov. 12.

Bousquet, Joseph, Middlesex, Vt. Inside door lock. 2,396,982; Mar. 19.

Bouwers, Albert, Eindhoven, Netherlands; vested in the Alien Property Custodian. Telescope system. 2,409,186; Oct. 15.

Bowden, Clinton L.: *See*—
Butt, Charles A., Hallman, Bowden, Whitlow, and Pace.

Bowden, Garfield A.: *See*—
Berliney, Michael, Bowden, and Hohnstine.

Bowdil Company, The, assignee: *See*—
Morrow, Harry M.
Morrow, Harry M., and Shelton.
Shelton, Virgil.

Bowen, Arnold E., Red Bank, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Ultra high frequency electronic device. 2,408,409; Oct. 1.

Bowen, Charles V., Bethesda, Md., assignor to the United States of America, as represented by the Secretary of Agriculture. Insecticide. 2,403,495; July 9.

Bowen, Charles V., Bethesda, Md., and L. E. Smith, Washington, D. C., assignors to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Insecticide. 2,392,455; Jan. 8.

Bowen, Erwin E.: *See*—
Goss, Norman P., and Bowen.

Bowen, Merel S., Ellwood City, Pa., assignor to Mathews Conveyer Company, Ellwood City, Pa. Resiliently mounted conveyer. 2,396,079; Mar. 5.

Bowen, Myron W., Niles, Mich., and E. R. Burtnett, Chicago, Ill., assignors to Bendix Home Appliance, Inc., South Bend, Ind. Washing machine transmission and support. 2,399,319; Apr. 30.

Bowen, William S., Westfield, N. J. Dust collecting and treating mechanism. 2,391,863; Jan. 1.

Bower, Byron F., assignor to Pines Engineering Company, Aurora, Ill. Indexing and chucking device. 2,404,161; July 16.

Bower, George D., University City, assignor to Automatic Control Corporation, St. Louis, Mo. Two-stage control. 2,397,465; Apr. 2.

Bower, John H., Burlingame, Calif. Shampoo cabinet combination. 2,409,187; Oct. 15.

Bower, John L., Schenectady, N. Y., assignor to General Electric Company. Control system. 2,407,866; Sept. 17.

Bowers, Charles E., Moylan, assignor to The Fibre-Metal Products Company, Chester, Pa. Face protecting helmet. 2,400,480; May 21.

Bowers, Elizabeth M., administratrix: *See*—
Bowers, Thomas A.

Bowers, Frederick M., Delaware County, assignor to Fibre Metal Products Company, Chester, Pa. Face protective device. 2,397,722; Apr. 2.

Bowers, Herbert L.: *See*—
Wolf, Robert A., and Bowers.

Bowers, Thomas A., deceased, Mattapoisett, Mass.; E. M. Bowers, administratrix, assignor of two-thirds to M. H. Hamilton, Lexington, Mass. Piston and piston ring improvement. 2,403,574; July 9.

Bowersox, Joseph W., St. Petersburg, Fla., assignor to Sealy, Incorporated, Memphis, Tenn. Mattress. 2,403,043; July 2.

Bowie, Robert M., assignor to Sylvania Electric Products Inc., Emporium, Pa. Current and voltage regulator system. 2,394,891; Feb. 12.

Bowie, Robert M., assignor to Sylvania Electric Products Inc., Emporium, Pa. Phase comparison apparatus. 2,399,661; May 7.

Bowker, Harry Whalley, assignor to Baker Perkins Limited, Peterborough, England. Dough dividing machine. 2,408,602; Oct. 1.

Bowland, Andrew, Mount Lebanon, Pa., assignor to William M. Bailey Company. Hot-blast stove. 2,408,728; Oct. 8.

Bowles, Charles, assignee: *See*—
Notman, Clarence A.

Bowling, Robert T., assignor to Wood Briquettes, Inc., Lewiston, Idaho. Briquetting means. 2,412,709; Dec. 17.

Bowlus, Omer E.: *See*—
Nims, Paul T., and Bowlus.

Bowlus, Omer E., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Electrical control system. 2,409,534; Oct. 15.

Bowman, Andrew L., deceased; M. J. Bowman, administratrix, Detroit, Mich., assignor of one-half to M. J. Bowman and one-half to W. Bowman. Rocket motor. 2,397,834; Apr. 2.

Bowman, Charles H., Madison, Wis. Grinding attachment for twist drills. 2,394,839; Feb. 12.

Bowman, Kenneth K., and G. A. Kane, Scotia, N. Y., assignors to General Electric Company. Control system. 2,412,864; Dec. 17.

Bowman, Mabel J., administratrix, assignee: *See*—
Bowman, Andrew L.

Bowman, Philip L., Syracuse, N. Y., R. H. Barth, Ridgewood, and H. Burrell, Paramus, N. J., assignors, by mesne assignments, to Heyden Chemical Corporation. Producing ether alcohols. 2,401,743; June 11.

Bowman, Reginald M., Baltimore, Md. Letter scale. 2,413,166; Dec. 24.

Bowman, Robert A., Drexel Hill, and J. P. Rathbun, Prospect Park, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Heat exchange apparatus. 2,392,638; Jan. 8.

Bowman, Stuart H., assignee: *See*—
Johnson, Samuel, Sr.

Bowman, William, assignee: *See*—
Bowman, Andrew L.

Bowman, William A., and H. L. Baker, Evansville, Ind. Tool to compress packing rings. 2,401,043; May 28.

Bowne, Langford J., Howard Beach, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,391,041; Jan. 1.

Bowness, Angus H. F., Leamington Spa, England. Gauging apparatus for use with frustoconical or like article. 2,402,015; June 11.

Bowser, Guy, Pinellas Park, Fla. Insect electrocutor. 2,404,687; July 23.

Bowser, S. F., & Company, assignee: *See*—
Bergman, Harold E.

Bowser, S. F., & Company, Incorporated, assignee: *See*—
Blum, Hosmer L.
Klopfenstein, Gerald J.
Marvel, Harvey E.

Bowsher, Edward A. H., London, W. C. 2, England, assignor to International Standard Electric Corporation, New York, N. Y. Electric remote indication system. 2,398,576; Apr. 16.

Bowsher, Edward A. H., H. M. M. d'Assis-Fonseca, and H. J. Ward, London, W. C. 2, England, assignors, by mesne assignments, to International Standard Electric Corporation, New York, N. Y. Electrical remote indicating and supervisory system. 2,408,037; Sept. 24.

Box, William A. G., Maidenhead, England. Pipe coupling. 2,396,078; Mar. 5.

Boyajian, James A., Chicago, Ill., assignor to J. P. Seeburg Corporation. Automatic phonograph. 2,411,612; Nov. 26.

Boyar-Schultz Corporation, assignee: *See*—
Gideon, Victor W.

Boyce, Edward D., Little Falls, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Coil winding apparatus. 2,406,130; Aug. 20.

Boyce, Henrietta E., New York, N. Y. Gauntlet glove. 2,406,991; Sept. 3.

Boyce, Leonard D., Maplewood, assignor to Carter Carburetor Corporation, St. Louis, Mo. Switch device. 2,396,551; Mar. 12.

Boyce, Malcolm B., Haverhill, Mass. Mechanism for pressure discharge of streams of liquid. 2,406,659; Aug. 27.

Boyce, Malcolm B., Haverhill, Mass. Grinding machine. 2,407,222; Sept. 10.

Boyd, Charles P., Kennett Square, Pa. Trough supporting means. 2,399,197; Apr. 30.

Boyd, Chester M., Silver Spring, assignor to Engineering and Research Corporation, Riverdale, Md. Brake for hydraulic motors. 2,404,615; July 23.

Boyd, Fisher L.: *See*—
Hogenmiller, Francis J., Boyd, and Boerner.

Boyd, Harold A., Glasgow, Scotland. Spinning and twisting machine. 2,410,705; Nov. 5.

Boyd, John, Pittsburgh, and R. A. Bice, Wilkinsburg, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Bearing assembly. 2,393,017; Jan. 15.

Boyd, Landon B., La Porte, Ind. Internal-combustion engine piston. 2,404,348; July 23.

Boyd, Lee R.: *See*—
Breckenridge, Frank, and Boyd.

Boyd, Ruth O., Washington, D. C., assignor to L. B. Koch, New York, N. Y. Smoothing iron. 2,397,236; Mar. 26.

Boyden, Robert E., Los Angeles, Calif., assignor to Marchant Calculating Machine Company. Automatic counter reverse mechanism. 2,393,018; Jan. 15.

Boyen, John L.: *See*—
Besler, William J., and Boyen.

Boyer, Hugh N., near Canfield, Ohio. Toggle bolt. 2,408,366; Oct. 1.

Boyer, Raymond F.: *See*—
Rubens, Louis C., and Boyer.

Boyer, William R.: *See*—
Fox, Oscar M., and Boyer.

Boykin, John R., Baltimore, Md., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Shaped amplifier. 2,411,362; Nov. 19.

Boyle, Edward J., and E. A. Anderson, Palmerton, Pa., assignors to The New Jersey Zinc Company, New York, N. Y. Alloys. 2,400,283; May 14.

Boyle, Frank W., Berwyn, Md. Packing for pipe joints. 2,402,868; June 25.

Boyle, Homer G., Dobbs Ferry, N. Y., assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Electrical circuit arrangement. 2,391,862; Jan. 1.

Boyle-Midway Inc., assignee: *See*—
Berliney, Michael, Bowden, and Hohnstine.

Boyles, Alfred: *See*—
Schuh, Arthur E., and Boyles.

Boyles, Harry, and R. W. Grabb, Jeannette, assignors to Elliott Company, Pittsburgh, Pa. Expanding tubes. 2,393,283; Jan. 22.

Boyles, William H., Columbiana, Ohio. Wrench. 2,403,258; July 2.

Boynton, Alexander, San Antonio, Tex.; S. S. Martin, executrix of said A. Boynton, deceased. Bottom hole regulator and choke. 2,394,977; Feb. 19.

Boynton, Alexander, deceased, San Antonio, Tex.; S. S. Martin, executrix. Flow intermitter. 2,402,728; June 25.

Boynton, Erwin R., and H. W. Avery, Schenectady, N. Y., assignors to General Electric Company. Power boost. 2,393,585; Jan. 29.

Bozarth, Kenneth R., Baltimore, assignor to The Glenn L. Martin Company, Middle River, Md. Adapter for broken drills. 2,399,425; Apr. 30.

Bozeman, Peter, assignee: *See*—
Williams, Louis H.

Braak, Hendrik Roeloff, Batavia-Centrum, Java, Dutch East Indies, assignor, by mesne assignments, to P. Honig, Washington, D. C., Commissioner of the Board for Economic and Financial Affairs of The Netherlands Indies, Surinam and Curacao, as trustee. Purification of latex. 2,398,613; Apr. 16.

Brabender, George J., Wausau, Wis. Apparatus for testing water-vapor permeability. 2,400,481; May 21.

Brace, George A., Washington, D. C., assignor to The Hoover Company, North Canton, Ohio. Refrigeration. 2,395,392; Feb. 26.

Brace, George A., Washington, D. C., assignor to The Hoover Company, North Canton, Ohio. Refrigeration. 2,410,334; Oct. 29.

Brace, Paul H., Mount Pleasant, Mich., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Apparatus for electrically resolving water-in-oil emulsions. 2,400,975; May 28.

Brace, Porter H., Forest Hills, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Supervisory apparatus. 2,406,318; Aug. 27.

Brach, E. J., & Sons, assignee: *See*—
Petrovic, Frank.

Bruck, Elizabeth A., Dorchester, Mass. Shoe kit. 2,403,575; July 9.

Bracke, R. F., & Company, assignee: *See*—
Bracke, Robert F.

Bracke, Robert F., Arlington Heights, assignor to R. F. Bracke & Company, Chicago, Ill. Lavatory and disinfection control. 2,409,535; Oct. 15.

Brackett, Jesse W., New Bedford, Mass. Cutting machine. 2,408,729; Oct. 8.

Bradbury, Donald, Prospect Park, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Turbine apparatus. 2,402,363; June 18.

Bradbury, Donald, Prospect Park, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Turbine apparatus. 2,404,428; July 23.

Braddon, Frederick D., Babylon, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Noninductive gyro rotor. 2,395,447; Feb. 26.

Braddon, Frederick D., Babylon, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Gyro vertical. 2,409,659; Oct. 22.

Braddon, Frederick D., Babylon, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Magnetic deflection corrected compass. 2,411,866; Dec. 3.

Braddon, Frederick D., Babylon, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Aircraft attitude indicator. 2,412,961; Dec. 24.

Braddon, Frederick D., Babylon, and S. Kellogg, 2nd, Rye, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Erection controlling device for gyroscopes. 2,409,188; Oct. 15.

Braden, David C., Indianapolis, Ind. Utility board. 2,394,141; Feb. 5.

Bradford, Aaron C., Thayer, Mo. Sliding vane engine or pump. 2,410,596; Nov. 5.

Bradford, William, assignee: *See*—
Taylor, Edward C.

Bradford, William, Taunton, Mass. Electrically heated blanket. 2,400,735; May 21.

Bradley, Benjamin R. and R. C., Pittsburgh, Pa. Pottle carrying device. 2,401,679; June 4.

Bradley, Caton, Durham, Conn. Photographic measuring instrument. 2,400,096; May 14.

Bradley, Charles B.: *See*—
Van Dyck, Pierre, and Bradley.

Bradley, Chester W., deceased, Old Greenwich, by M. H. Bradley, administratrix, Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Recovering substituted acetamides. 2,403,576; July 9.

Bradley, George T., deceased, Kerens, Tex., L. N. Bradley, administratrix. Control for automobiles. 2,411,500; Nov. 26.

Bradley, James A., St. Petersburg, Fla. Remote detection and control system. 2,399,426; Apr. 30.

Bradley, Louise N., administratrix: *See*—
Bradley, George T.

Bradley, Margaret, administratrix: *See*—
Bradley, Chester W.

Bradley, Milton, Company, assignee: *See*—
Shea, James J.

Bradley, Richard C.: *See*—
Bradley, Benjamin R. and R. C.

Bradley, Robert I., assignor to R. E. Bradley, Belmont, Mass. Condition responsive indicating instrument. 2,395,718; Feb. 26.

Bradley, Robert V., Charlotte, N. C. Bubble forming device. 2,398,513; Apr. 16.

Bradley, Ruth E., assignee: *See*—
Bradley, Robert I.

Bradley Washfountain Co., assignee: *See*—
Mullett, Howard G., and Wachter.

Bradley, William E., Swarthmore, assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Wide band amplifier. 2,398,691; Apr. 16.

Bradley, William E., Swarthmore, assignor to Philco Corporation, Philadelphia, Pa. Superregenerative receiver quenching circuit. 2,412,710; Dec. 17.

Bradley, William E., Northampton, assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Band pass wave filter. 2,404,270; July 16.

Bradley, William E., assignor to Union Oil Company of California, Los Angeles, Calif. Insecticide and fungicide. 2,405,775; Aug. 13.

Bradley, William E., Swarthmore, and N. Johnson, Penn Wynne, assignors, by mesne assignments, to Philco Corporation, Philadelphia, Pa. Device for measuring high frequency power. 2,410,706; Nov. 5.

Bradley, William E., Swarthmore, and N. Johnson, Penn Wynne, assignors, by mesne assignments, to Philco Corporation, Philadelphia, Pa. Device for measuring high-frequency power. 2,410,707; Nov. 5.

Bradley, William H., assignor to Horton Manufacturing Company, Fort Wayne, Ind. Ironing machine. 2,395,801; Mar. 5.

Bradner, Burke, assignor, by mesne assignments, to C. E. Thresby, Chicago, Ill., as trustee. File drawer follower. 2,407,055; Sept. 3.

Bradner, John A., assignor to The Lees-Bradner Company, Cleveland, Ohio. Thread production. 2,410,261; Oct. 29.

Bradshaw, George B., Wilmington, Del., and W. C. Meuly, New Brunswick, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Refining fats. 2,398,492; Apr. 16.

Bradshaw, John R., assignor to Halliburton Oil Well Cementing Company, Duncan, Okla. Bulk cement conveyance. 2,412,121; Dec. 3.

Bradshaw, John S., Ivor, Va. Rail tool attachment. 2,393,230; Jan. 22.

Bradshaw, John S., Ivor, Va. Rail tool attachment. 2,393,515; Jan. 22.

Bradshaw, Lawrence, Bainbridge, F. J. Morrow, Brooklyn, and C. F. MacLagan, Bainbridge, assignors to The Borden Company, New York, N. Y. Adhesives. 2,399,980; May 7.

Bradshaw, R. D., & Sons, assignee: *See*—
Bradshaw, Reginald D.

Bradshaw, Reginald D., assignor to R. D. Bradshaw & Sons, Wendell, Idaho. Honey press. 2,403,784; July 9.

Bradshaw, Russell R., assignor to The Dow Chemical Company, Midland, Mich. Making molded thermoplastic articles. 2,399,592; Apr. 30.

Bradsher, Charles K.: *See*—
Gross, Paul M., Hobbs, and Bradsher.

Bradt, Charles H., Groton, assignor to L. C. Smith & Corona Typewriters, Inc., Syracuse, N. Y. Duplicating machine. 2,403,259; July 2.

Bradt, Wilbur E., Orono, Maine, and H. H. Oaks, Newport, Wash., assignors to Vanadium Corporation of America, New York, N. Y. Electrodeposition of manganese. 2,398,614; Apr. 16.

Brady, Charles V., Webster Groves, assignor to Bemis Bro. Bag Company, St. Louis, Mo. Bag. 2,392,221; Jan. 1.

Brady, Charles V., Webster Groves, assignor to Bemis Bro. Bag Company, St. Louis, Mo. Valved bag. 2,393,739; Jan. 29.

Brady, Charles V., Webster Groves, assignor to Bemis Bro. Bag Company, St. Louis, Mo. Bag. 2,406,660; Aug. 27.

Brady, Charles V., Webster Groves, assignor to Bemis Bro. Bag Company, St. Louis, Mo. Bag closure. 2,406,661; Aug. 27.

Brady, Charles V., Webster Groves, and R. J. Williams, Richmond Heights, assignors to Bemis Bro. Bag Company, St. Louis, Mo. Bag structure and process of manufacture. 2,409,100; Oct. 8.

Brady, Edmund E., Jr.: *See*—
Hobson, Frank M., and Brady.

Brady, Francis E., Jr., Muncie, Ind. Fluid seal. 2,395,095; Feb. 16.

Brady, Hugh D., Phoenix, Ariz. Plastic bracelet. 2,413,541; Dec. 31.

Brady, James M., Washington, D. C. Solar operated electric switch. 2,410,421; Nov. 5.

Brady, James R., St. Louis, and A. Moskowitz, University City, assignors to Millus Shoe Company, St. Louis, Mo. Shoe and manufacturing the same. 2,412,865; Dec. 17.

Brady, Madeline V., assignee, et al.: *See*—
Brady, Robert H., and Birkner.

Brady, Nelson G., administrator: *See*—
Brady, Sanford C.

Brady, Robert H., St. Louis, and Emil O. Birkner, Pasadena Hills, assignors of one-third to H. C. Reagan, one-sixth to M. V. Brady, St. Louis, and one-sixth to G. M. Birkner, Pasadena Hills, Mo. Bottle case. 2,396,770; Mar. 19.

Brady, Samuel G.: *See*—
Gruenberg, Ivor J., and Brady.

Brady, Samuel G., Royal Oak, assignor to The Gear Grinding Machine Company, Hamtramck, Mich. Method and apparatus for cutting keyways. 2,397,086; Mar. 26.

Brady, Sanford C., deceased, by N. G. Brady, Bartlesville, Okla., administrator. Fluid lift. 2,396,817; Mar. 19.

Braithwaite, Robert C., Manchester, England, assignor to Metropolitan-Vickers Electrical Company, London, England. Antifriction bearing having fluid passages. 2,399,539; Apr. 30.

Braithwaite, Robert C., and K. Wilcox, Manchester, assignors to Metropolitan-Vickers Electrical Company Limited, London, England. Mechanical relay of the fluid jet. 2,408,603; Oct. 1.

Brallier, Paul S., Niagara Falls, N. Y., assignor to Stauffer Chemical Company. Production of titanium tetrachloride. 2,401,543; June 4.

Brallier, Paul S., Niagara Falls, N. Y., assignor to Stauffer Chemical Company. Production of silicon tetrachloride and titanium tetrachloride. 2,401,544; June 4.

Braloff, Henry E., Rockville Centre, N. Y. Container. 2,402,944; July 2.

Bramberry, Harry M., Oak Park, Ill. Piston ring. 2,404,616; July 23.

Bramble, Donald E., assignor of one-half to T. Bjorn, Chicago, Ill. Trailer top. 2,406,737; Sept. 3.

Bramble, John H.: *See*—
Horstman, Clifford C., and Bramble.

Brame, Eugene, Farnborough, Hants, England. Mechanism for the supply of fuel to internal-combustion engines. 2,397,835; Apr. 2.

Bramhall, Charles H., Silver Spring, Md. Automatic window wiper. 2,393,605; Jan. 29.

Bramley, Sylvanus W., White Plains, N. Y. Clock winding mechanism. 2,412,077; Dec. 3.

Bramming, Carl, Anderson, Ind., assignor to The Mantle Lamp Company of America, Chicago, Ill. Lamp socket with side switching mechanism. 2,412,439; Dec. 10.

Bramson, Ely, assignor to The Bramson Manufacturing Co., Chicago, Ill. Egg candling apparatus. 2,403,705; July 9.

Bramson Manufacturing Co., The, assignee: *See*—
Bramson, Ely.

Bramson, Mogens L., Elstree, England. Fuel supply tank. 2,395,802; Mar. 5.

Brand, Arthur, New York, N. Y. Toy. 2,410,627; Nov. 5.

Brand, Frederick F., Pittsfield, Mass., assignor to General Electric Company. Magnetic core. 2,407,625; Sept. 17.

Brand, Jean J., Arlington, Va., assignor to Radio Corporation of America. Permeability tuned band-spread. 2,402,261; June 18.

Brand, Samuel, Binghamton, and H. J. Klotz, Endicott, assignors to International Business Machines Corporation, New York, N. Y. Apparatus for transmitting intelligence. 2,399,720; May 7.

Brand, Samuel, Binghamton, and J. M. Cunningham, Endicott, assignors to International Business Machines Corporation, New York, N. Y. Record controlled accounting machine. 2,405,287; Aug. 6.

Brandes, Frank A., Shaker Heights, Ohio. Press. 2,399,198; Apr. 30.

Brandon, Clarence W., Newport, and G. M. Brandon, Tallahassee, Fla. Receptacle for fluids. 2,408,505; Oct. 1.

Brandon, George M.: *See*—
Brandon, Clarence W. and G. M.

Brandon, Harold: *See*—
Breiter, Harold, and Brandon.

Brandon, Richard C., Elizabeth, N. J., assignor to Standard Oil Development Company. Refining process. 2,394,978; Feb. 19.

Brandon, Thomas O., U. S. Navy. Quick, high precision ball releasing mechanism. 2,399,199; Apr. 30.

Brandon, Thomas O., U. S. Navy. Stadimeter. 2,403,965; July 16.

Brandt, Automatic Cashier Company, assignee: *See*—
Hoffman, Otis E., Quirk, and Spenger.

Brandt, David G., Westfield, N. J., assignor to Cities Service Oil Company, New York, N. Y. Manufacturing toluene. 2,398,074; Apr. 9.

Brandt, Harold H.: *See*—
Hunt, Charles K., Olin, and Brandt.

Brandt, Joseph & Bro. Inc., assignee: *See*—
Weiss, Charles.

Brandt, Robert J., Los Angeles, Calif. Filter frame. 2,401,044; May 28.

Brandt, Robert L., New York, assignor, by mesne assignments, to R. B. Colgate, Lloyd Neck, N. Y. Mixing method. 2,405,487; Aug. 6.

Brandt, Weldon H.: *See*—
Seastone, John B., and Brandt.

Brandwen, Paul, Scranton, Pa. Seat table. 2,397,528; Apr. 2.

Branham, Beldon, Springfield, Ohio. Railroad tie. 2,406,131; Aug. 20.

Branner, Bernard D., Waterford, Conn. Landing gear for aircraft. 2,410,625; Nov. 5.

Brannigan, Thomas P., G. H. Raison, and W. H. Yoder, assignors to General Motors Corporation, Detroit, Mich. Dampener for lithographic printing. 2,395,654; Feb. 26.

Brannin, James W., Cambridge, Mass., assignor, by mesne assignments, to the Government of the United States of America as represented by the Secretary of the Navy. Echo box resonance tester. 2,405,814; Aug. 13.

Brannon, James L., Plainfield, and S. A. Mraz, Perth Amboy, N. J., assignors to Bakelite Corporation. Resin casting molds. 2,400,482; May 21.

Bransky, David W.: *See*—
Lemmon, Norman E., Bransky, and Langan.

Branson, Norman G.: *See*—
Kuehni, Hans P., and Branson.

Brant, David O., Beverly Hills, Calif. Milk strainer. 2,410,010; Oct. 29.

Brant, Gilbert W., Buffalo, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dry casting solution of cellulose acetate. 2,412,947; Dec. 24.

Brant, Joseph H., and F. R. Conklin, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Preparation of acrolein diacylates. 2,393,740; Jan. 29.

Brant, Walter R., and H. G. Chapman, Jr., Glendale, Calif., assignors to Adel Precision Products Corp. Valve. 2,404,349; July 23.

Brassel, Jakob: *See*—
Straub, Fritz, and Brassel.
Straub, Fritz, Brassel, and Mayer.

Brassert, H. A., & Company, assignee: *See*—
Brassert, Herman A.
Ramseyer, Charles F.

Brassert, Herman A., Washington, Conn., assignor to H. A. Brassert & Company, New York, N. Y. Apparatus for reduction of oxides. 2,404,944; July 30.

Bratt, Axel: *See*—
Scholes, Addison B., and Bratt.

Bratz, Otto J., Adrian, Mich., assignor to American Chain & Cable Company, Inc., Bridgeport, Conn. Rip cord fitting. 2,398,692; Apr. 16.

Bratzel, George V., Menlo Park, Calif. Piston for internal-combustion engines. 2,398,577; Apr. 16.

Brauchler, Charles A., Canton, Ohio. Method and apparatus for forging crankcases. 2,400,387; May 14.

Brauer, Howard H., and R. W. Knebel, assignors to Stromberg-Carlson Company, Rochester, N. Y. Method and apparatus for generating impulses. 2,411,648; Nov. 26.

Braun, B. L., assignee: *See*—
Prall, Harry R.

Braun, Karl J., Merrick, assignor to Control Instrument Company, Inc., Brooklyn, N. Y. Card punching machine. 2,399,623; May 7.

Braun, Karl J., Merrick, assignor to Control Instrument Company, Inc., Brooklyn, N. Y. Card feeding device. 2,401,719; June 11.

Braun, Ralph L. P.: *See*—
Urbant, Sam.

Braun, Sylvan: *See*—
Wormeck, Herbert A., Hess, and Braun.

Braun, William F. H., Wynnewood, Pa. Machine for making spirals. 2,401,720; June 11.

Braunsdorff, Reginald K., East Orange, and L. W. Curtis, Verona, assignors to Tung-Sol Lamp Works, Inc., Newark, N. J. Electric incandescent lamp bulb for vehicle lamps. 2,396,674; Mar. 19.

Braunworth, Albert, Queens Village, assignor to R. Hoe & Co., Inc., New York, N. Y. Printing cylinder blanket securing mechanism. 2,409,536; Oct. 15.

Braunworth, Albert, Queens Village, assignor to R. Hoe & Co., Inc., New York, N. Y. Printing plate clamping mechanism. 2,409,820; Oct. 22.

Bravo, Mauricio, Chicago, Ill. Incense dispenser. 2,409,469; Oct. 15.

Bray, Elwyn R., St. Paul, Minn. Fishing line retriever. 2,397,916; Apr. 9.

Bray, Frederick H.: *See*—
Hartley, George C., Lowry, and Bray.

Bray, John L., Lafayette, and R. E. Howard, West Lafayette, assignors to Purdue Research Foundation, Lafayette, Ind. Electrodeposition of bright zinc. 2,393,741; Jan. 29.

Brayton, Harold M.: *See*—
Woodberry, John H., Storm, Barker, Miles, Brayton, and Seavey.

Brazil Bubasu Corporation, assignee: *See*—
Grupe, William F.

Brazitis, Edward, St. Clair Shores, Mich. Welding electrode holder. 2,393,742; Jan. 29.

Brazitis, Edward, St. Clair Shores, Mich. Welding electrode holder. 2,412,492; Dec. 10.

Brearley Company, The, assignee: *See*—
Sutton, John C.

Breaux, Neil T., Houston, Tex. Overshot. 2,410,262; Oct. 29.

Brecht, Winston A., Forest Hills, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Locomotive drive. 2,411,363; Nov. 19.

Brecht, Winston A., Forest Hills, and F. L. Alben, Pittsburgh, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Turbine locomotive. 2,394,037; Feb. 5.

Brecht, Winston A., Wilkinsburg, and C. Kerr, Jr., Edgewood, assignors to Westinghouse Electric Corporation, Pittsburgh, Pa. Double-end turbine locomotive. 2,412,866; Dec. 17.

Breck, Samuel, Rutherford, and E. S. Ebers, Nutley, N. J., assignors to United States Rubber Company, New York, N. Y. Vulcanization of olefin-diolefine copolymers. 2,395,778; Feb. 26.

Breckenridge, Frank, Mansfield, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electric controller apparatus. 2,394,142; Feb. 5.

Breckenridge, Frank, and L. R. Boyd, Mansfield, Ohio, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Washing apparatus. 2,412,078; Dec. 3.

Brede, Martin H., Denver, Colo. Carrying pocket for hearing aids. 2,400,626; May 21.

Brede, Martin H., Denver, Colo. Carrying pocket for hearing aids. 2,408,966; Oct. 8.

Brede, William S., Minneapolis, Minn. Shopping cart. 2,393,020; Jan. 15.

Breed, Carroll M., and H. Kirchhofer, assignors to United Stove Company, Ypsilanti, Mich. Cook stove construction. 2,395,532; Feb. 26.

Breedlove, Charles B., Detroit, Mich. Combined threaded fastener and anchor. 2,403,496; July 9.

Breen, F. H., assignee: *See*—
Heenan, Daniel.

Breen, Thomas H., assignor of one-half to C. A. Kennedy, Buffalo, N. Y. Furnace device. 2,403,044; July 2.

Breene, George A., Emlenton, and L. D. Garratt, New Castle, Pa. Glassmaking machinery. 2,410,422; Nov. 5.

Breese, James L., assignor to Oil Devices, Santa Fe, N. Mex. Spherical liquid fuel burner. 2,393,231; Jan. 22.

Breese, James L., assignor to Oil Devices, Santa Fe, N. Mex. Stove structure. 2,393,232; Jan. 22.

Breese, James L., assignor to Oil Devices, Santa Fe, N. Mex. Oil burner with vaporizing type pilot. 2,393,233; Jan. 22.

Breese, James L., assignor to Oil Devices, Santa Fe, N. Mex. Liquid fuel burner. 2,396,675; Mar. 19.

Breese, James L., assignor to Oil Devices, Santa Fe, N. Mex. Generator type heater. 2,396,818; Mar. 19.
Breese, James L., assignor to Oil Devices, Santa Fe, N. Mex. Hot-water heater for army use. 2,396,819; Mar. 19.
Breese, James L., assignor to Oil Devices, Santa Fe, N. Mex. Vaporizing burner. 2,396,820; Mar. 19.
Breese, James L., assignor to Oil Devices, Santa Fe, N. Mex. Liquid fuel burner structure. 2,396,821; Mar. 19.
Breese, James L., assignor to Oil Devices, Santa Fe, N. Mex. Burner for army type stoves. 2,397,529; Apr. 2.
Breese, James L., assignor to Oil Devices, Santa Fe, N. Mex. Floor furnace with horizontal burner. 2,401,330; June 4.
Breese, James L., assignor to Oil Devices, Santa Fe, N. Mex. Burner and fuel flow control means. 2,409,470; Oct. 15.
Breese, James L., assignor to Oil Devices, Santa Fe, N. Mex. Generator type burner. 2,410,478; Nov. 5.
Breese, James L., and B. Hayter, assignors to Oil Devices, Santa Fe, N. Mex. Two level control. 2,397,120; Mar. 26.
Breeze, Charles A., Aberdeen, Scotland. Tractor wheel attachment. 2,409,246; Oct. 15.
Breeze Corporations, Inc., assignee: *See*— Cadman, Arthur H.
Breitenstein, Charles T.: *See*— Breither, Robert H., Seiden, Breitenstein, and Nicolaus.
Breiter, Harold, New York, and H. Brandon, Brooklyn, N. Y. Change purse. 2,408,751; Oct. 8.
Breither, Robert H., H. L. Seiden, C. T. Breitenstein, and F. G. Nicolaus, assignors to Raymond T. Maloney, Chicago, Ill. Variable stroke mechanism. 2,410,708; Nov. 5.
Breitwieser, Charles J., assignor to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Electromechanical synchronizing mechanism. 2,403,577; July 9.
Breman, Frank J.: *See*— Davidson, William W., and Breman.
Bremser, Albert T., Sidney, assignor to Bendix Aviation Corporation, New York, N. Y. Fuel injection apparatus. 2,408,288; Sept. 24.
Brengman, James D.: *See*— Snow, William H., and Brengman.
Brenkert, Karl, assignor to Brenkert Light Projection Company, Detroit, Mich. Geneva movement. 2,399,721; May 7.
Brenkert Light Projection Company, assignee: *See*— Brenkert, Karl.
Brennan, Joseph B., assignee: *See*— Moynihan, John J.
Brennan, Joseph B., Bratenahl, Ohio. Electrolytic device and making same. 2,393,966; Feb. 5.
Brennan, Joseph B., Bratenahl, Ohio. Electrode and making same. 2,406,345; Aug. 27.
Brennan, Joseph B., Euclid, Ohio. Core. 2,397,121; Mar. 26.
Brennan, Joseph B., Euclid, Ohio. Article made of fibrous material. 2,408,038; Sept. 24.
Brennan, Joseph B., Euclid, Ohio. Making electrolytic devices. 2,412,201; Dec. 10.
Brennan, Joseph B., and E. L. Marsh, Euclid, Ohio; said Marsh assignor to said Brennan. Making screen stencils. 2,395,448; Feb. 26.
Brennen, Ronald F., Valley Stream, assignor to General Die-Stamping-Tool Company, New York, N. Y. Co-ordinated-cam collet actuator. 2,410,807; Nov. 12.
Brenner, Abner, Chevy Chase, and W. A. Olson, Silver Spring, Md., assignors to United States of America, as represented by the Secretary of Commerce. Acid rhodium plating. 2,401,331; June 4.
Brenner, Bert, Union, N. J. Industrial diamond tool and producing same. 2,411,867; Dec. 3.
Brenner, Herman A.: *See*— Barnes, Eugene L., and Brenner.
Brenner, John H. and L. Slama, Humboldt, Nebr. Tie rod coupling. 2,396,151; Mar. 5.
Brenzinger, Julius, Fairfield, assignor to The Max Ams Machine Company, Bridgeport, Conn. Can end seaming mechanism. 2,410,263; Oct. 29.
Breon, George A., & Company, assignee: *See*— Hoehn, Willard M., and Schneider.
Bresch, Albert L., University City, Mo. Animated toy. 2,401,456; June 4.
Bresicka, Rudolph S., Cranford, N. J. Cooker. 2,397,836; Apr. 2.
Breslav, Jack, New Haven, Conn. Stock supporting table. 2,408,730; Oct. 8.
Bressee, Fred, Jr.: *See*— Larsen, Rudolph H.
Breth, Walter J., and R. M. Wormald, assignors to The General Tire and Rubber Company, Akron, Ohio. Tire building machine. 2,409,974; Oct. 22.
Breton, Ernest J., Arlington, and W. H. Waggaman, Alexandria, Va., assignors to the United States of America, as represented by the Secretary of the Interior. Manufacturing calcium fluoride. 2,410,043; Oct. 29.
Brettbauer, Hermann, Berlin-Lankwitz, Germany; vested in the Alien Property Custodian. Device for adjusting objectives of different focal lengths in cameras. 2,401,134; May 28.
Breuer, Frederick W., Haverford, Pa., assignor to The United Gas Improvement Company. Concentrating unsaturated hydrocarbon material. 2,395,957; Mar. 5.
Brewer, Alexander F., Garden City, N. Y., assignor to Sperry Gyroscope Company, Inc. Electronic voltage regulator. 2,398,916; Apr. 23.
Brewer, Alfred G.: *See*— Scrivener, William C., and Brewer.
Brewer, Charles A., Noroton Heights, Conn. Eraser. 2,406,487; Aug. 27.
Brewer & Company, Inc., assignee: *See*— Taylor, Harden F.
Brewer, John A., Kalamazoo, Mich. Toy. 2,398,615; Apr. 16.
Brewer, Nathaniel, Newton, assignor to Fischer & Porter Company, Hatboro, Pa. Flowmeter. 2,400,097; May 14.
Brewer, Nathaniel, Newton, assignor to Fischer & Porter Company, Hatboro, Pa. Stopcock. 2,412,597; Dec. 17.
Brewer, Nathaniel, Hatfield, assignor to Fischer & Porter Company, Hatboro, Pa. Rotameter. 2,404,361; July 23.
Brewer, Thaddeus E., Crittenden County, Ark. Loading chute for pickup hay balers. 2,412,711; Dec. 17.
Brewster Aeronautical Corporation, assignee: *See*— Brown, Dayton T., Yujucio, and Moore.
Brewster, James A., and E. F. Fernandez, Buenos Aires, Argentina, assignors of fifty per cent to The Smithfield and Argentine Meat Company Limited, West Smithfield, London, England, and fifty per cent to Corporacion Argentina De Productores De Carnes, Buenos Aires, Argentina. Refrigeration of meat. 2,402,121; June 18
Brewster, Morris D.: *See*— Bonner, Rowland E., and Brewster.
Brewton, Robert L., Chicago, Ill., assignor to Inland Steel Container Company, Chicago, Ill. Grease container. 2,393,217; Jan. 15.
Breyer, John, Brooklyn, N. Y. Artificial tooth and anchor therefor. 2,394,659; Feb. 12.
Breyfogel, Albert W.: *See*— Haglund, Hakon H., and Breyfogel.
Brian, Joseph M., Westmount, Quebec, Canada, assignor to Radio Corporation of America, New York, N. Y. Remote control frequency selector system. 2,413,211; Dec. 24.
Bricker, Burton C., Rahway, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Electrical resistor. 2,394,591; Feb. 12.
Bricker, Carl E., assignor to Wingfoot Corporation, Akron, Ohio. Brake shoe spring arrangement. 2,392,970; Jan. 15.
Brickman, Alan E., New Haven, Conn., assignor to The American Steel and Wire Company of New Jersey. Pole. 2,392,222; Jan. 1.
Brickman, Alan E., New Haven, Conn., assignor to The American Steel and Wire Company of New Jersey. Making barbed wire structures. 2,392,223; Jan. 1.
Brickman, Alan E., New Haven, Conn., assignor to The American Steel and Wire Company of New Jersey. Producing a renewable tread tire. 2,401,045; May 28.
Brickman, Alan E., New Haven, Conn., assignor to The American Steel and Wire Company of New Jersey. Torpedo net. 2,408,367; Oct. 1.
Brickman, Alan E., New Haven, Conn., assignor to The American Steel and Wire Company of New Jersey. Wire reinforced fabric. 2,408,368; Oct. 1.
Brickman, Alan E., New Haven, Conn., assignor to The American Steel and Wire Company of New Jersey. Detachable terminal fitting for stranded-wire structure. 2,412,948; Dec. 24.
Brickner, Arthur J., assignee: *See*— Johnson, William.
Brickson, Thomas B., Hollywood, assignor to A. R. Brooks, Los Angeles, Calif. Crutch. 2,408,604; Oct. 1.
Bridge, Richard E., South Harrow, England. Automatic stopping of looms. 2,403,497; July 9.
Bridgeport Brass Company, assignee: *See*— Broecker, Lewis C. Brown, Gregory.
Bridgeport Fabrics, Inc., assignee: *See*— Spraragen, Louis.
Bridgeport Safety Emery Wheel Company, The, assignee: *See*— Gumper, Clarence.
Bridgland, John W.: *See*— Lorant, Hugh J., and Bridgland.
Briede, Arthur, et al., assignee: *See*— Zorich, Stephen.
Briggs, Carl R., Mantua, Ohio. Steam engine valve mechanism. 2,392,360; Jan. 8.
Briggs, Carl R., Mantua, Ohio. Boiler construction. 2,395,035; Feb. 19.
Briggs, Carl R., Mantua, Ohio. Throttle valve control. 2,401,545; June 4.
Briggs Clarifier Company, assignee: *See*— Briggs, Southwick W., Bauer, Ewbank, and Porter.
Briggs Filtration Company, The, assignee: *See*— Bauer, Walter C.
Briggs, Loyd A., Cranford, and J. A. Spencer, Teaneck, N. J., assignors to Radio Corporation of America. Enciphering and deciphering system. 2,401,855; June 11.

Briggs Manufacturing Company, assignee: *See*— Ball, Albert P. Bonbright, Howard. Frank, Clarence E. Gernandt Waldo G. Gernandt, Waldo G., and Walden. Kirsch, Frank K. Pattison, Herbert J. Prance, Alvin W. Sherman, Arthur E. Vigmostad, Trygve, and Juul. Walden, Alfred E.
Briggs, Maynard R., and A. A. Macdonald, Catonsville, Md., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Search system for radio locators. 2,412,867; Dec. 17.
Briggs, Southwick W., Washington, D. C. Filter unit. 2,395,449; Feb. 26.
Briggs, Southwick W., Washington, D. C. Filters. 2,398,284; Apr. 9.
Briggs, Southwick W., Washington, D. C. Process for clarifying fluids. 2,401,222; May 28.
Briggs, Southwick W., Washington, D. C. Bonded adsorbent. 2,407,247; Sept. 10.
Briggs, Southwick W., Washington, D. C. Filter unit and making same. 2,413,431; Dec. 31.
Briggs, Southwick W., Washington, D. C., W. C. Bauer, Chevy Chase, W. J. Ewbank, Kensington, Md., and R. C. Porter, Arlington, Va., assignors to Briggs Clarifier Company, Washington, D. C. Dehydration of oil. 2,395,965; Feb. 5.
Briggs & Stratton Corporation, assignee: *See*— Fitz Gerald, John W. Jacobi, Edward N.
Briggs, Thomas H., and W. H. Briggs, Birmingham, England, assignors to Burman & Sons Limited, Birmingham, England. Friction clutch. 2,392,572; Jan. 8.
Briggs, Walter H.: *See*— Briggs, Thomas H., and W. H.
Briggs, Walter S., Needham, Mass. Mop yarn and mop made therefrom. 2,409,660; Oct. 22.
Brigham, Cecil E., East Orange, N. J., assignor to International Standard Electric Corporation, New York, N. Y. Electron discharge device. 2,411,515; Nov. 26.
Brigham, Harlow R.: *See*— Sheppard, Samuel E., and Brigham.
Bright, John W., Los Angeles, Calif. Excessive speed exhibitor. 2,409,537; Oct. 15.
Bright, Ray J., Los Angeles, Calif. Centrifugally controlled variable resistance. 2,393,456; Jan. 22.
Bright Star Battery Company, The, assignee: *See*— Keller, Frederick A.
Bright, Thomas J. R., Coventry, England. Reception or transmission of sound vibrations. 2,395,719; Feb. 26.
Brilhart, Arnold, Great Neck, N. Y., assignor to Arnold Brilhart Ltd. Mouthpiece for musical instruments. 2,397,593; Apr. 2.
Brill, Aron, Brooklyn, N. Y., and W. Kneissler, Roselle, N. J. Safety interlocking clothes hanger. 2,409,538; Oct. 15.
Brill, William E., Cleveland, Ohio, assignor to General Motors Corporation, Detroit, Mich. Ship drive control system. 2,396,231; Mar. 12.
Brill, William E., Cleveland, Ohio, assignor to General Motors Corporation, Detroit, Mich. Engine accessory drive. 2,403,905; July 16.
Brill, William E., Cleveland, Ohio, assignor to General Motors Corporation, Detroit, Mich. Pivot pin. 2,406,940; Sept. 3.
Brilliantine, Arche J., Trenton, N. J. Electric alignmer micrometer. 2,395,393; Feb. 26.
Brillo Manufacturing Company, Inc., assignee: *See*— Field, Crosby. Field, Crosby, and Toole.
Brinen, Howard F.: *See*— Skelly, Lawrence E., and Brinen.
Briner, Emil A., East Orange, N. J., assignor to Aero Engineering Corporation. Variable pitch propeller. 2,405,488; Aug. 6.
Brinker, Howard C., St. Paul, and G. B. Gehrenbeck, Bald Eagle Lake, assignors to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Pressure-sensitive adhesive and adhesive tape. 2,392,639; Jan. 8.
Brinkley, Dyron L., Rodessa, La. Motor vehicle periscope. 2,398,354; Apr. 16.
Brinson, Dara H., Sr., Annapolis, Md. Fountain pen. 2,396,771; Mar. 19.
Brinson, Thomas F., assignor to Scripto Manufacturing Company, Atlanta, Ga. Fountain pen. 2,410,423; Nov. 5.
Brinton, H., Co., assignee: *See*— Carhart, Raymond H.
Briones, Henry L., East Irvington, N. Y. Fly swatter. 2,410,957; Nov. 12.
Briscoe, F. P., assignee: *See*— Cobb, Luther. Popham, Frederick J. W.
Briscoe, Withe, Elizabeth, Pa. Safety device for liquid sealed gas pressure floats. 2,401,046; May 28.
Briscndine, Guy F., assignor to Carbon Systems, Inc., Kansas City, Mo. Vibrating and jogging machine for sheet stock. 2,396,822; Mar. 19.
Briskin, Theodore S., assignor to Revere Camera Company, Chicago, Ill. Knob. 2,405,688; Aug. 13.
Briskin, Theodore S., J. C. Zivny, A. E. Schellschmidt, and J. J. Golick, assignors to Excel Auto Radiator Company, Chicago, Ill. Reversible clutch. 2,408,506; Oct. 1.
Bristol Aeroplane Company Limited, assignee: *See*— Anderson, George O., and Pitt.
Bristol Aeroplane Company Limited, The, assignee: *See*— Bolas, John T., and Edwards. Bolas, John T., Edwards, and Latty. Cutts, James. Goodby, William T. Lee, George H.
Bristol Company, assignee: *See*— Pattee, John R.
Bristol Company, The, assignee: *See*— Blakeslee, Clinton A. Cowherd, Robert D. Mabey, Charles A. Pritchard, Frederick A. Russell, John L. Swarr, Jay N.
Bristol, Gaylord T., Niagara Falls, N. Y., assignor to The Linde Air Products Company. Rod feed device. 2,398,355; Apr. 16.
Bristol, Harlan B., Burlingame, Calif. Base coat applicator. 2,400,681; May 21.
Bristol Steel & Iron Works, assignee: *See*— Ferguson, Robert O.
Bristow, Paul W., assignor to Scott & Williams, Incorporated, Laconia, N. H. Knitting method and machine. 2,412,248; Dec. 10.
British Celanese Limited, assignee: *See*— Argyle, Christopher S. Crawshaw, Harry. Dreyfus, Henry, Walker, and Rooney. Fisher, James W. Hill, Frank B. Jackson, Thomas, and Frearson. Jones, John E. Kinsella, Edward. Lincoln, James and Drewitt. Olpin, Henry C., and Gibson. Olpin, Henry C., Stanley, and Argyle.
British Cotton Industry Research Association, The, assignee: *See*— Dakin, Geoffrey. Locke, John.
British Food Manufacturers' Research Association, assignee: *See*— Morpeth, James C.
British Insulated Cables Limited, assignee: *See*— Handley, William C., Quayle, and McLeod. Mann, Walter N., and Lawrenson. Northway, Herbert S. Quayle, Joshua C., and Jones.
British Oxygen Company Limited, The, assignee: *See*— Walton, George H., Quayle, and Jones. Watts, Sidney S.
British Rubber Producers' Research Association, The, assignee: *See*— Popham, Frederick J. W.
Britt, Fred R., Rising Fawn, Ga. Vulcanizing machine. 2,397,404; Mar. 26.
Britt, Kenneth W., Norwood, assignor to Scott Paper Company, Chester, Pa. Paper product and making the same. 2,399,981; May 7.
Britt, Kenneth W., Norwood, assignor to Scott Paper Company, Chester, Pa. Paper product and making same. 2,399,982; May 7.
Britt, Vernon E., and E. A. Goetze, Merced, Calif. Dental appliance. 2,400,912; May 28.
Brittain, Eric H.: *See*— Tuerck, Karl H. W., and Brittain.
Brittain, Richard J., Jr., Bloomfield, N. J., assignor to General Motors Corporation, Detroit, Mich. Railway journal box. 2,404,429; July 23.
Brittain, Richard J., Jr., Bloomfield, N. J., assignor to General Motors Corporation, Detroit, Mich. Railroad journal box. 2,405,132; Aug. 6.
Brittingham, Gerald E., Ontario, Oreg. Cutout device for telephone transmitters. 2,403,498; July 9.
Brittingham, Vertner D., Dearborn, Mich. Finger or hand attachment. 2,409,101; Oct. 8.
Britton, Edgar C.: *See*— Dreisbach, Robert R., Britton, and Le Fevre.
Britton, Edgar C., and E. Monroe, assignors to The Dow Chemical Company, Midland, Mich. Esters of hydroxy benzoic acids. 2,392,361; Jan. 8.
Britton, Edgar C., and J. N. Hansen, assignors to The Dow Chemical Company, Midland, Mich. N-hydrocarbon substituted pyrrolidine salts of mono-nuclear dinitro-phenols. 2,395,315; Feb. 19.
Britton, Edgar C., G. H. Coleman, and K. D. G. Clack, assignors to The Dow Chemical Company, Midland, Mich. Parasiticidal compositions. 2,396,983; Mar. 19.
Britton, Edgar C., and J. N. Hansen, assignors to The Dow Chemical Company, Midland, Mich. Sulphonium salts. 2,402,016; June 11.
Britton, Edgar C., and J. C. Vander Weele, Midland, assignors to The Dow Chemical Company, Midland, Mich. Alkylation method. 2,403,785; July 9.

Britton, Edgar C., and W. J. Le Fevre, assignors to The Dow Chemical Company, Midland, Mich. Copolymerization of vinyl compounds. 2407,946; Sept. 17.

Britton, Karl B., Bratenahl, Ohio, assignor to Thompson Products, Inc. Multiselector valve mechanism. 2,399,460; Apr. 30.

Britton, Roberta W., Ketchikan, Alaska. Aerial mine. 2,412,387; Dec. 10.

Brixner, Frederick W.: *See*—
Hailes, William D., Brixner, Barker, and Dasburg.

Brizay, Emile A., Caulfield, Victoria, assignor of one-third to E. M. Grimm, Hamilton, Queensland, and one-third to A. E. Hughes, Melbourne, Victoria, Australia. Apparatus for raising sunken vessels. 2,411,649; Nov. 26.

Broadbent, Wallace, and F. L. Rose, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Aryl-dicyandiamide production. 2,409,832; Oct. 22.

Broadhurst, Harold M., Liverpool, England, assignor to Imperial Chemical Industries Limited. Casting of rare earth metals. 2,396,636; Mar. 19.

Broadman, Ralph H., Rochester, N. Y. Replacement guide for toilet flush valves. 2,393,139; Jan. 15.

Broadston, James A., Hollywood, and R. H. Sprague, Long Beach, Calif., assignors to North American Aviation, Inc. Hydraulic system. 2,396,984; Mar. 19.

Broadway, Leonard F., Ickenham, and C. S. Bull, Hillingdon, assignors to Electric & Musical Industries Limited, Hayes, England. Electron discharge device. 2,410,863; Nov. 12.

Broberg, Fred E., Racine, Wis. Blade grinder. 2,409,416; Oct. 15.

Broberg, Walter O. W.: *See*—
Thielers, Ernst M., and Broberg.

Brock, Frank H., and C. E. Smith, assignors to A. E. Staley Manufacturing Co., Decatur, Ill. Making starch conversion syrup. 2,410,264; Oct. 29.

Brock, Harold L.: *See*—
Tinsler, Vernon R., and Brock.

Brock, Harold L., Detroit, and G. L. Simpkins, Milan, assignors to Ford Motor, Company, Dearborn, Mich. Tractor generator mounting. 2,392,573; Jan. 8.

Brock, Margaret M., Middle Village, N. Y. Dishwashing device. 2,407,533; Sept. 10.

Brock, William H. J.: *See*—
Fisher, Reginald J., and Brock.

Brock, William H. J., assignor of one-half to Automotive Products Company Limited, Leamington Spa, England. Retaining washer and the like. 2,401,856; June 11.

Brock, William H. J., assignor of one-half to Automotive Products Company, Limited, Leamington Spa, England. Coupling device for pipes or tubes. 2,405,489; Aug. 6.

Brock, William H. J., assignor of one-half to Automotive Products Company Limited, Leamington Spa, England. Coupling device for pipes or tubes. 2,406,488; Aug. 27.

Brockamp, Herman A., assignee: *See*—
Snodgrass, James H.

Brocker, Emil, Van Dyke, assignor to Super Tool Company, Warren Township, Macomb County, Mich. Grinding wheel dressing device. 2,402,945; July 2.

Brockhurst, James B., Red Bank, N. J. Engine. 2,410,565; Nov. 5.

Brockhurst, James B., Red Bank, N. J. Engines operating coaxial shafts. 2,410,958; Nov. 12.

Brockman, Morton S.: *See*—
Lange, Morris, and Brockman.

Brockman, Morton S., assignor to Grossman Music Co., Cleveland, Ohio. Valve key assembly. 2,394,143; Feb. 5.

Brockmeier, W. C., assignee, et al.: *See*—
Burk, Robert.

Brockway Glass Company, Inc., assignee: *See*—
Hess, Finley B., and Robertson.

Brodale, Carl, Humboldt, Iowa. Automatic hitch. 2,409,831; Oct. 22.

Broderson, Neil O., Rochester, N. Y., assignor to the Government of the United States of America, as represented by the Secretary of War. Autocollimating button. 2,393,883; Jan. 29.

Brodie, George H., La Grange, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Telephone transmitter. 2,404,772; July 30.

Brodie, Ralph N., Company, assignee: *See*—
Berck, William F.
Renfrew, Paul, and Berck.

Broding, Robert A.: *See*—
Minton, John P., and Broding.

Brody, Julius, Boston, assignor of one-third to B. E. Proctor, Melrose, Mass. Glue. 2,394,682; Feb. 12.

Broecker, Lewis C., Nichols, assignor to Bridgeport Brass Company, Bridgeport, Conn. Insert for valve stems or the like. 2,397,334; Mar. 26.

Brogdex Company, assignee: *See*—
Cunning, Thomas G.
Harlow, Orman M.

Brogdon, Vas Hubert, Forest Hills, Long Island, assignor to Nicaro Nickel Company, New York, N. Y. Recovery of nickel and/or cobalt from ores. 2,400,098; May 14.

Broglie, Francis J., Mansfield, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Drying apparatus. 2,398,880; Apr. 23.

Brogren, Axel V.: *See*—
Parsons, John T., and Brogren.

Broido, Daniel, Cockfosters, near Barnet, England. Calculating machine. 2,408,134; Sept. 24.

Broido, Daniel, Cockfosters, near Barnet, England. Tabulator controlled by single-line records. 2,410,265; Oct. 29.

Brolinson, Bengt G., New York, N. Y. Anode for the electrolytic protection of closed containers. 2,405,776; Aug. 13.

Brolus, Henry W., Detroit, Mich. Brake for rail-borne vehicles. 2,397,237; Mar. 26.

Bromilow and Edwards Limited, assignee: *See*—
Kinnaird, James A.

Bromley, Frank T., assignee: *See*—
Tolman, John A.

Bronander, Wilhelm B., Sr., assignee: *See*—
Bronander, Wilhelm B., Jr.

Bronander, Wilhelm B., Montclair, N. J. Internal-combustion engine. 2,398,514; Apr. 16.

Bronander, Wilhelm B., Montclair, N. J. Wrapper folding mechanism. 2,400,682; May 21.

Bronander, Wilhelm B., assignor of one-half to W. B. Bronander, Sr., Montclair, N. J. Valve mechanism. 2,411,775; Nov. 26.

Brongersma, Cornelius, Muskegon Heights, assignor to Manning, Maxwell & Moore, Inc., Muskegon, Mich. Motor control. 2,408,369; Oct. 1.

Brooke, Ernest A., Stockport, England. Sharpening safety razor blades. 2,397,644; Apr. 2.

Brooke, Lilloyd A.: *See*—
Burner, Bingham F., and Brooke.

Brooke, Norman E., Washington, D. C. Grass and weed cutter. 2,400,284; May 14.

Brooker, Leslie G. S., and R. H. Sprague, assignors to Eastman Kodak Company, Rochester, N. Y. Organic cyanine base. 2,393,743; Jan. 29.

Brooker, Leslie G. S., and H. W. J. Cressman, assignors to Eastman Kodak Company, Rochester, N. Y. Polymethine dyes. 2,398,999; Apr. 23.

Brooker, Leslie G. S., and H. W. J. Cressman, assignors to Eastman Kodak Company, Rochester, N. Y. Diamino-n-alkyl phenazinium salts. 2,400,872; May 28.

Brooker, Leslie G. S., Rochester, N. Y., and H. W. J. Cressman, Glenside, Pa., assignors to Eastman Kodak Company, Rochester, N. Y. Merocyanine dyes. 2,406,180; Oct. 15.

Brooker, Leslie G. S., and R. H. Sprague, assignors to Eastman Kodak Company, Rochester, N. Y. Pyrrole dyes. 2,409,612; Oct. 22.

Brookes, Charles F., Toronto, Ontario, Canada. Fuel heater for internal-combustion engines. 2,408,605; Oct. 1.

Brookhart, Theodore C., and D. A. Meeker, assignors to The Hobart Manufacturing Company, Troy, Ohio. Slicing machine. 2,412,962; Dec. 24.

Brookman, Ernest F., and L. M. Smith, Welwyn Garden City, England, assignors to Imperial Chemical Industries Limited. Thermoplastic compositions. 2,397,942; Apr. 9.

Brooks, Al R., assignee: *See*—
Brickson, Thomas B.

Brooks Bank Note Company, assignee: *See*—
Lambert, Russell A.

Brooks, Herbert W., assignor to Sargent & Company, New Haven, Conn. Food chopper. 2,410,709; Nov. 5.

Brooks, James D.: *See*—
Kendall, John D., Fry, and Brooks.

Brooks, John A., Detroit, Mich., assignor to Howard Foundry Company, Chicago, Ill. Combination valve structure. 2,406,941; Sept. 3.

Brooks, John W.: *See*—
Horton, Aaron W., Brooks, and O'Kelly.

Brooks, John W., Wenonah, and A. A. O'Kelly, Woodbury, N. J., and R. H. Work, Philadelphia, Pa., assignors to Socony-Vacuum Oil Company, Incorporated. Polymerization process. 2,409,247; Oct. 15.

Brooks, John W., Wenonah, and A. A. O'Kelly, Woodbury, N. J., and R. H. Work, Philadelphia, Pa., assignors to Socony-Vacuum Oil Company, Incorporated. Polymerization. 2,409,248; Oct. 15.

Brooks, Joseph A., Pittsburgh, Pa. Hanging support for fountain syringes. 2,404,430; July 23.

Brooks, Lester A., Stamford, Vt., and M. Nazzewski, Adams, assignors to Sprague Electric Company, North Adams, Mass. Insulated electrical conductor. 2,406,319; Aug. 27.

Brooks, Lewis C., Madison, assignor of one-third to I. M. Jones, Mequon, Wis. Consumer-type container and making the same. 2,398,404; Apr. 16.

Brooks, Lewis C., Milwaukee, assignor of one-third to I. M. Jones, Mequon, Wis. End closure for paper board containers. 2,398,405; Apr. 16.

Brooks, Richard E.: *See*—
Gresham, William F., and Brooks.

Brooks, Walter: *See*—
Seymour, George W., and Brooks.

Brooks, Walter C., Wethersfield, Conn. Wrench holder. 2,409,613; Oct. 22.

Brooksby, Ernest, and F. E. Deans, assignors to The Bentley Engineering Company Limited, Leicester, England. Knitting machine. 2,396,489; Mar. 12.

Brooksby, Ernest, and F. E. Deans, assignors to The Bentley Engineering Company Limited, Leicester, England. Picker mechanism for circular knitting machines. 2,396,490; Mar. 12.

Brophy, John J., Salem, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Coated article. 2,396,313; Mar. 12.

Brophy, John J., Salem, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Apparatus for use in stiffening uppers of shoes. 2,406,738; Sept. 3.

Broquinda, Inc., of Florida, assignee: *See*—
Quinn, Clara E.

Brose, Horace B.: *See*—
Brose, Lazetta D. and H. B.

Brose, Horace B., Chicago, Ill. Force collar. 2,394,144; Feb. 5.

Brose, Lazetta D. and H. B., Chicago, Ill. Nursing bottle support. 2,399,320; Apr. 30.

Brose, Leonard C., Burbank, Calif., assignor to Adel Precision Products Corp. Wing nut. 2,397,238; Mar. 26.

Brositex Machine Corporation, assignee: *See*—
Daniel, Frederick K., and Hutchings.

Brosius, Edgar E., Pittsburgh, Pa. Mounting and operating mechanism for mud guns. 2,393,307; Jan. 22.

Brosius, Edgar E., Pittsburgh, Pa. Manipulator. 2,397,530; Apr. 2.

Brosius, Edgar E., Pittsburgh, Pa. Charging machine. 2,405,342; Aug. 6.

Brossett, Mary A., Chicago, Ill. Airplane toy. 2,409,471; Oct. 15.

Brother, George H., and C. H. Binkley, Berkeley, Calif., assignors to Claude R. Wickard, as Secretary of Agriculture of the United States of America and his successors in office. Producing glues and adhesives from keratin protein materials. 2,399,161; Apr. 30.

Brouillard, Robert E.: *See*—
Lacey, Harold T., and Brouillard.

Brouwer, Benjamin W., Auburn, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Picking shoe. 2,407,056; Sept. 3.

Browall, Bert Henry, assignor to Svenska Aktiebolaget Bromsregulator, Malmo, Sweden. Load-gear equipment for vehicle brakes. 2,394,038; Feb. 5.

Browall, Bert H., assignor to Svenska Aktiebolaget Bromsregulator, Malmo, Sweden. Braking system for vehicles with a short wheel base, especially railway bogies. 2,398,285; Apr. 9.

Browall, Bert H., assignor to Svenska Aktiebolaget Bromsregulator, Malmo, Sweden. Variable leverage brake. 2,405,939; Aug. 20.

Browder, Maurice E., U. S. Navy, and A. Wertheimer, Washington, D. C. Sight for dive bombing. 2,401,744; June 11.

Brown, Aldrich M., assignor to A. J. Holifield, Mobile, Ala. Submarine mine. 2,403,845; July 9.

Brown, Benjamin F., Vancouver, Wash. Nut picker. 2,394,745; Feb. 12.

Brown & Bigelow, assignee: *See*—
Phillippi, Matthew H.

Brown, Boveri & Cie, Aktiengesellschaft, assignee: *See*—
Lang, André.

Brown, Carl D., Hopedale, Mass., assignor to Draper Corporation. Shuttle check. 2,399,851; May 7.

Brown, Carl S., Lakewood, assignor to Glascote Products, Inc., Euclid, Ohio. Material treating tank. 2,391,876; Jan. 1.

Brown, Carl S., Lakewood, assignor to Glascote Products, Inc., Cleveland, Ohio. Manufacturing tanks. 2,401,606; June 4.

Brown, Cecil L., Baton Rouge, La., assignor to Standard Oil Development Company. Catalytic cracking of hydrocarbon oils. 2,412,868; Dec. 17.

Brown, Charles B., McAllen, Tex. Determining the petroleum hydrocarbon content of earth samples. 2,403,631; July 9.

Brown, Charles F., Grosse Pointe Park, Mich., assignor to United States Rubber Company, New York, N. Y. Adhesives. 2,392,574; Jan. 8.

Brown, Charles G.: *See*—
Glasgow, Charles S., and Brown.

Brown, Charles H., Baldwin, N. Y., assignor to Radio Corporation of America. Ultra short wave system. 2,393,284; Jan. 22.

Brown, Charles H., Baldwin, N. Y., assignor to Radio Corporation of America. Obstacle detection system. 2,410,424; Nov. 5.

Brown, Charles I., Floral Park, N. Y. Reading lamp. 2,411,189; Nov. 19.

Brown, Charles W., Falls Church, Va. Wrench. 2,397,239; Mar. 26.

Brown, Chester W., assignor to Line Material Company, Milwaukee, Wis. Lock mechanism for electrical expulsion devices. 2,392,308; Jan. 8.

Brown, Chester W., assignor to Line Material Company, Milwaukee, Wis. Assembling fuse links. 2,412,712; Dec. 17.

Brown, Cicero C., and F. L. Scott, Jr., assignors to Brown Oil Tools, Inc., Houston, Tex. Washover overshot. 2,398,515; Apr. 16.

Brown, Clarence E., Clarksburg, W. Va. Coal mining apparatus. 2,408,967; Oct. 8.

Brown, Cleo E., Harrisonville, Mo. Filter. 2,392,901; Jan. 15.

Brown, Clifford C., Clinton, Ohio. Steering drive mechanism for driven wheels. 2,408,507; Oct. 1.

Brown, Dayton T., Manhasset, P. S. Yujuico, Great Neck, and H. T. Moore, Brooklyn, assignors to Brewster Aeronautical Corporation, Long Island City, N. Y. Aircraft armament. 2,396,314; Mar. 12.

Brown, Edward M., Jr.: *See*—
Short, Charles E., and Brown.

Brown, Elwood W., assignor to Cole's Hot Blast Mfg. Co., Chicago, Ill. Heating assembly baffle construction. 2,396,939; Mar. 19.

Brown, Ernest A., Elyria, Ohio. Tool dressing fixture. 2,411,709; Nov. 26.

Brown, Eugene T., Washington, Mo. Blind. 2,395,096; Feb. 19.

Brown Fintube Company, assignee: *See*—
Brown, John W., Jr.

Brown, Forrest L.: *See*—
Brown, Luther S., K. R., and F. L.

Brown, Frederick L., Greenfield, Ohio. Child's life-save jacket and swim belt. 2,393,285; Jan. 22.

Brown, Frederick W.: *See*—
Nisewanger, Carrol R., and Brown.

Brown, Frederick W., Mount Holly, N. J. Knitting machine and knitting. 2,410,710; Nov. 5.

Brown, George B., Martinsville, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Insulating covering and making the same. 2,409,249; Oct. 15.

Brown, George B., Bound Brook, and E. M. Jenkins, Somerville, N. J., assignors to Johns-Manville Corporation, New York, N. Y. Ventilator. 2,401,902; June 11.

Brown, George H., assignee, et al.: *See*—
Walts, Fred B.

Brown, George H., Haddonfield, N. J., assignor to Radio Corporation of America. Antenna system. 2,397,645; Apr. 2.

Brown, George H., Haddonfield, N. J., assignor to Radio Corporation of America. Antenna system. 2,400,736; May 21.

Brown, George H., Princeton, N. J., assignor to Radio Corporation of America. Radio transmitter-receiver automatic switching system. 2,412,315; Dec. 10.

Brown, George H., and D. W. Peterson, Princeton, N. J., assignors to Radio Corporation of America. Antenna system. 2,410,597; Nov. 5.

Brown, George H., Haddonfield, and D. W. Peterson, Collingswood, N. J., assignors to Radio Corporation of America. Antenna. 2,412,249; Dec. 10.

Brown, George H. F.: *See*—
Gillmore, Kenneth B., and Brown.

Brown, Glenn C., Taylor Ridge, assignor of one-half to C. Etzel, Rock Island, Ill. Amusement device for carnivals. 2,405,108; Aug. 6.

Brown, Gordon S., Wellesley Hills, Mass., and J. W. Forrester, Anselmo, Nebr., assignors, by mesne assignments, to Sperry Gyroscope Company, Inc. Remote control system. 2,409,190; Oct. 15.

Brown, Graham B., Washington, D. C. Parachute. 2,411,868; Dec. 3.

Brown, Gregory, assignor to Bridgeport Brass Company, Bridgeport, Conn. Humidifying apparatus and control therefor. 2,402,488; June 18.

Brown, Grover W., Wyckoff, assignor to The Okonite Company, Passaic, N. J. Insulated wire and cable. 2,409,539; Oct. 15.

Brown, Harold, Denver, Colo. Drafting instrument. 2,410,864; Nov. 12.

Brown, Harry F., Chicago, Ill. Boring chuck. 2,403,336; July 2.

Brown, Harry W., assignor to The National Acme Company, Cleveland, Ohio. Metalworking machine. 2,397,122; Mar. 26.

Brown, Haughton, assignor of fifty-five per cent to D. Taylor, Jr., and forty-five per cent to V. Taylor, Milwaukee, Wis. Plaster compound. 2,410,865; Nov. 12.

Brown, Henry, assignor to The Udylite Corporation, Detroit, Mich. Electrodeposition of nickel. 2,402,801; June 25.

Brown, Henry, and C. R. Hurley, assignors to The Udylite Corporation, Detroit, Mich. Thermally diffused copper and zinc plate on ferrous articles. 2,392,456; Jan. 8.

Brown, Howard D.: *See*—
Smith, Temple C., and Brown.

Brown, Hugh E., Cleveland Heights, and S. M. Grant, Bay Village, Ohio, assignors to The W. S. Tyler Company. Applying patches to woven-wire cloth. 2,397,646; Apr. 2.

Brown, Hugh S., Wauwatosa, Wis. Earth drill. 2,410,959; Nov. 12.

Brown Instrument Company, The, assignee: *See*—
Burdick, Edwin C.
Green, John R., and Vollrath.
Gruss, George A.
Harrison, Thomas R.
Kliever, Waldo H.
Krogh, Anker E.
Schmitt, Henry M.
Shaffer, William L.
Side, Frederick W.
Swanson, Arthur H.
Trawick, Jack G.
Vollrath, Joseph P.
Wild, Rudolf F.
Wills, Walter P.

Brown, J. D. Cleveland, Oakland, Calif. Aerial airfield. 2,399,461; Apr. 30.

Brown, James B., Colorado Springs, Colo., assignor to B. & B. Flotation Company, a common-law trust of Denver, Colo., as trustee. Froth flotation apparatus. 2,401,745; June 11.

Brown, John R., Jr., Westfield, and I. E. Lightbown, Cranford, N. J., assignors to Standard Oil Development Company. Polymer slurry process. 2,403,966; July 16.

Brown, John T. L., Short Hills, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Contact operation. 2,397,123; Mar. 26.

Brown, John W., Jr., Lakewood, assignor to Brown Fintube Company, Elyria, Ohio. Finned tube. 2,400,737; May 21.

Brown, Joseph H., New York, N. Y. Making lamp shades and similar articles. 2,404,162; July 16.

Brown, Joseph M., Philadelphia, Pa. Firearm bolt tool. 2,409,191; Oct. 15.

Brown, Kenneth R.: *See*—
Brown, Luther S., K. R., and F. L.

Brown, Leo C., assignor to Industrial Patents Corporation, Chicago, Ill. Manufacture of salad oil. 2,393,744; Jan. 29.

Brown, Leo H., Glenville, Conn. Sight. 2,393,308; Jan. 22.

Brown, Leo H., Glenville Conn. Watch. 2,395,843; Mar. 5.

Brown, Leo L., Harlingen, Tex. Crutch tip. 2,403,632; July 9.

Brown, Linwood M., Homestead, Pa. Shock-resistant silicon steel hardened with titanium. 2,409,016; Oct. 8.

Brown, Luther E., Greggton, and O. W. Williams, Mount Enterprise, Tex. Well tester. 2,404,825; July 30.

Brown, Luther S., K. R., and F. L., assignors of fifty per cent to Kyle and Company, Inc., Fresno, Calif. Rotary engine. 2,412,949; Dec. 24.

Brown, Marshall, Chicago, Ill. Frequency response compensating means. 2,411,190; Nov. 19.

Brown, Michael A., San Francisco, Calif. Egg cleaning device. 2,402,946; July 2.

Brown, Morden G.: *See*—
Gradisar, Albin A., and Brown.

Brown, Morris, Western Springs, and R. E. Harr, Downers Grove, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Coated article. 2,398,881; Apr. 23.

Brown, Morris, Western Springs, and R. E. Harr, Downers Grove, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Enamel coated article. 2,399,094; Apr. 23.

Brown, Myron J., Forest Hills, and W. R. Taliaferro, Edgewood, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control arrangement for circuit breakers. 2,394,039; Feb. 5.

Brown Oil Tools, Inc., assignee: *See*—
Brown, Cicero C., and Scott.

Brown, Reynolds D., Jr., Blue Bell, assignor to Philco Corporation, Philadelphia, Pa. Means for translating mechanical energy. 2,405,109; Aug. 6.

Brown, Robert C., Jr., assignee, trustee: *See*—
States, Marshall N.

Brown, Robert F.: *See*—
Potter, Rowland S., and Brown.

Brown, Robert H., Westview, assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for communication systems. 2,394,145; Feb. 5.

Brown, Robert H., Westview, assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for communication systems. 2,404,773; July 30.

Brown, Robert H., assignor to Sylvania Electric Products Inc., Emporium, Pa. Electronic phase bridge. 2,394,892; Feb. 12.

Brown, Robert L.: *See*—
Bangham, Donald H., Bennett, Brown, Hirst, Piranl, and Philpotts.

Brown, Robert L., Atlanta, Ga., assignor to Hercules Powder Company, Wilmington, Del. Sulphating aluminum ore. 2,394,660; Feb. 12.

Brown, Roy J., Sioux Falls, S. Dak. Trailer and tractor safety lock. 2,400,738; May 21.

Brown, Roy W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Shock strut. 2,393,493; Jan. 22.

Brown, Roy W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Pivotal joint. 2,393,501; Jan. 22.

Brown, Rush G., Riverton, Wyo. Reciprocating-saw machine. 2,413,485; Dec. 31.

Brown and Sharpe Manufacturing Company, assignee: *See*—
Bennett, Arthur F., and Jacobson.
Hirsch, George B.

Brown, Ual J., Oklahoma City, Okla. Scale remover and scale and corrosion preventer. 2,401,546; June 4.

Brown, Wallace M.: *See*—
Holmstrom, John G., and Brown.

Brown, Wallace M., assignor to Kenworth Motor Truck Corporation, Seattle, Wash. Torsion rod spring suspension. 2,413,212; Dec. 24.

Brown, Walter J: *See*—
Rutter, Donald E., Shapiro, and Brown.

Brown, Walter J., Cleveland Heights, assignor to The Brush Development Company, Cleveland, Ohio. Method and means for measuring surface roughness. 2,405,133; Aug. 6.

Brown, Walter J., Cleveland Heights, and J. J. Neff, South Euclid, assignors to The Brush Development Company, Cleveland, Ohio. Radio receiver. 2,398,406; Apr. 16.

Brown, Walter J., Cleveland Heights, and J. E. Shomer, Lakewood, assignors to The Brush Development Company, Cleveland, Ohio. Distance measuring system. 2,405,134; Aug. 6.

Brown, Walter T., Pittsburgh, Pa. Detection of sulphur in coal. 2,401,410; June 4.

Brown, Wesley H., Peoria, Ill. Range input and hand control unit for aircraft turret guns. 2,399,200; Apr. 30.

Brown, Wilbur F., Toledo, Ohio, assignor to Libbey-Owens-Ford Glass Company. Apparatus for conditioning molten glass. 2,394,893; Feb. 12.

Brown, William C., Watertown, assignor to Raytheon Manufacturing Company, Newton, Mass. Electronic discharge tube. 2,402,983; July 2.

Brown, William C., Watertown, assignor to Raytheon Manufacturing Company, Newton, Mass. Electron discharge device of the magnetron type. 2,411,953; Dec. 3.

Brown, William C., Lincoln, assignor to Raytheon Manufacturing Company, Newton, Mass. Electron discharge device of the magnetron type. 2,411,984; Dec. 3.

Brown, William T., Fort Wayne, Ind., assignor to Farnsworth Television and Radio Corporation. Frequency doubler. 2,406,739; Sept. 3.

Browne, Cecil O., deceased, Buckinghamshire, by M. W. Browne, Gerrard's Cross, and E. W. Tole, Bower Ashton, Long Ashton, administrators, and H. W. Hobbs, Haslemere, assignors to Electric & Musical Industries, Limited, Hayes, England. Television system. 2,404,030; July 16.

Browne, Donald B., Harpenden, F. W. Clarke, Totternhoe, and R. H. G. Painter, Dunstable, England, assignors to General Motors Corporation, Detroit, Mich. Screening device for spark plugs. 2,409,732; Oct. 22.

Browne, Jack, Milwaukee, Wis., assignor to Diving Equipment and Supply Company, Inc. Self-contained breathing lung. 2,402,984; July 2.

Browne, Jack, assignor to Diving Equipment and Supply Company, Inc., Milwaukee, Wis. Shoe for divers. 2,403,477; July 9.

Browne, Kenneth A., Ridgewood, N. J., assignor to Wright Aeronautical Corporation. Hydraulically operated rotating clutch. 2,396,361; Mar. 12.

Browne, Kenneth A., Ridgewood, N. J., assignor to Wright Aeronautical Corporation. Supercharger fuel injection. 2,396,362; Mar. 12.

Browne, Kenneth A., Ridgewood, N. J., assignor to Wright Aeronautical Corporation. Centrifugal compressor entry vanes. 2,398,203; Apr. 9.

Browne, Margaret W., administrator: *See*—
Browne, Cecil O., Browne, Tole, and Hobbs.

Browning, Edwin D., Alameda, Calif. Lay-out machine. 2,403,633; July 9.

Browning, George, Wilmette, Ill. Cord support for electric flatirons. 2,396,676; Mar. 19.

Browning, Harry, Louisville, Ky., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Tool. 2,395,450; Feb. 26.

Browning, J. M. & M. S., Company, assignee: *See*—
Browning, Val A.

Browning, Val A., assignor to J. M. & M. S. Browning Company, Ogden, Utah. Repeating firearm. 2,401,903; June 11.

Browning, Val A., Ogden, Utah, assignor to J. M. & M. S. Browning Company. Repeating firearm. 2,409,733; Oct. 22.

Brownlee, Albert H.: *See*—
Widmark, William, and Brownlee.

Brownyer, Nelson R., Birmingham, assignor to The Timken-Detroit Axle Company, Detroit, Mich. Power transmitting mechanism. 2,398,407; Apr. 16.

Brubaker, George P., Los Angeles, assignor to Memovox, Incorporated, Beverly Hills, Calif. Sound recording system. 2,411,501; Nov. 26.

Brubaker, Merlin M.: *See*—
Arnold, Harold W., Dorough, and Brubaker.

Brubaker, Merlin M., Boothwyn, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymerizing tetrafluoroethylene. 2,393,967; Feb. 5.

Brubaker, Merlin M., Boothwyn, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilization of tetrafluoroethylene. 2,407,396; Sept. 10.

Brubaker, Merlin M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymerizing olefinic materials. 2,396,677; Mar. 19.

Brubaker, Merlin M., Boothwyn, and W. E. Hanford, Easton, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Obtaining shaped articles. 2,400,099; May 14.

Bruber, Norman T., Los Angeles, Calif., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Bandply applying device. 2,393,506; Jan. 22.

Bruce, Edmond, Red Bank, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Directive antenna system. 2,405,992; Aug. 20.

Bruce, Edmond, Red Bank, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Directive radio system. 2,412,202; Dec. 10.

Bruce, Harold E.: *See*—
Rundle, Walter, and Bruce.

Bruckner, Robert E., and J. S. Harker, assignors to Kimble Glass Company, Vineland, N. J. Indexing mechanism. 2,395,803; Mar. 5.

Bruderlin, Henry H., West Los Angeles, Calif. Synchronizing device. 2,394,361; Feb. 5.

Bruegger, Ernest, Massillon, Ohio, assignor to The Griscom-Russell Company, New York, N. Y. Winding of spinal fins. 2,398,172; Apr. 9.

Bruegger, Zeno A., Boise, Idaho. Pants guard and reflector. 2,396,080; Mar. 5.

Bruen, George C., assignee: *See*—
Nightingale, William J.

Brueske, George A., Wayzata, Minn., assignor to The Bell & Howell Company, Chicago, Ill. Photographic camera. 2,408,549; Oct. 1.

Bruestle, Carl O.: *See*—
Stuhlman, Frank A., and Bruestle.

Bruestle, Carl O., assignor to Syncro Machine Company, Rahway, N. J. Centrifugal clutch. 2,396,637; Mar. 19.

Bruestle, Carl O., Rahway, N. J., assignor to Borg-Warner Corporation, Chicago, Ill. Adjustable quill. 2,402,017; June 11.

Bruestle, Carl O., Rahway, assignor to Syncro Machine Company, Perth Amboy, N. J. Safety device for stranders. 2,406,530; Aug. 27.

Bruestle, Carl O., Rahway, assignor to Syncro Machine Company, Perth Amboy, N. J. Planetary drive for wire spooling devices. 2,412,440; Dec. 10.

Brühlmann, Gottfried: *See*—
Thommen, Hans, and Brühlmann.

Bruhn, William J. and R. W. Simon, Omaha, Nebr. Stove pipe elbow. 2,392,220; Jan. 1.

Bruins, Paul F.: *See*—
Lovas, Joseph J., and Bruins.

Bruker, Hobart W., assignor to George W. Swift, Jr. Inc., Bordentown, N. J. Slitting and scoring apparatus. 2,393,586; Jan. 29.

Bruker, Hobart W., assignor to George W. Swift, Jr., Inc., Bordentown, N. J. Slitting and scoring machine. 2,396,315; Mar. 12.

Bruker, Hobart W., assignor to George W. Swift, Jr., Inc., Bordentown, N. J. Siphon mechanism for heated rolls. 2,408,606; Oct. 1.

Brumbaugh, Andrew K.: *See*—
Bolinger, John C., Brumbaugh, and Curtis.

Brummer, Olin, Oak Park, Ill. Annular fluid seal. 2,408,909; Oct. 8.

Brunamonti, Valerio E., Lakemore, Ohio. Barbecue machine. 2,399,163; Apr. 30.

Brundage, Ellis W., Sheridan, Mont. Hoist. 2,407,811; Sept. 17.

Brundage, John H., Red Bank, N. J. Carrier telegraph terminal circuit. 2,395,451; Feb. 26.

Bruneau, Joseph W. H.: *See*—
Johnson, William, and Bruneau.

Bruner, Frank H.: *See*—
Hatch, George B., Pevere, Clarke, and Bruner.

Bruner-Ritter, Inc., assignee: *See*—
Mauch, Willy.

Bruner, Walter M.: *See*—
Gresham, William F., and Bruner.
Loder, Donald J., and Bruner.

Brunette, Louis P., Farmington, Conn. Fireplace wood elevator. 2,410,628; Nov. 5.

Bruning, Charles, Company, Inc., assignee: *See*—
Streich, Paul B.
Sutherland, Richard V.

Brunjes, Austin S., Plandome, N. Y., and M. J. P. Bogart, Teaneck, N. J., assignors to The Lummus Company, New York, N. Y. Halogenation of aromatic hydrocarbons. 2,395,777; Feb. 26.

Brunk, Harold J., Chicago, Ill., assignor to The C. F. Pease Company. Blueprint machine. 2,398,616; Apr. 16.

Brunkhurst, Charles, Middletown, N. Y. Preservation of milk products. 2,412,203; Dec. 10.

Brunner, Anton J., Congress Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Timing apparatus. 2,394,661; Feb. 12.

Brunner, Anton J., Congress Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Molding apparatus. 2,395,316; Feb. 19.

Brunner, Anton J., Congress Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Molding apparatus. 2,412,671; Dec. 17.

Brunner, Carl F.: *See*—
Frischmann, George J., and Brunner.

Brunner, Eugene E., assignor to Read Machinery Co. Inc., York, Pa. Conveyer. Re. 22,789; Sept. 10.

Brunner, Eugene E., assignor to Read Machinery Co. Inc., York, Pa. V-type belt. 2,404,271; July 16.

Brunner, Leo G., Milwaukee, Wis. Exercising and game apparatus. 2,408,160; Sept. 24.

Brunner Manufacturing Company, assignee: *See*—
Hirsch, Sylvan R.

Brunner, Ray, Economy Township, Beaver County, assignor to Jones & Laughlin Steel Corporation, Pittsburgh, Pa. Apparatus for taking samples from traveling strip. 2,393,745; Jan. 29.

Brunner, Sam W., New York, N. Y. Fisherman's hat. 2,393,286; Jan. 22.

Bruns, August, assignee: *See*—
Hoffstad, Ole J.

Bruns, William H., Lincolndale, assignor to Otis Elevator Company, New York, N. Y. Load weighing device. 2,411,023; Nov. 12.

Brunstrum, Lawrence C., Chicago, Ill., and H. J. Liehe, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Grease manufacture. 2,398,075; Apr. 9.

Brunstrum, Lawrence C., Chicago, Ill., and H. J. Liehe, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Lithium soap greases. 2,398,173; Apr. 9.

Brunswick-Balke-Collender Company, assignee: *See*—
Luth, Harold J.
Luth, Harold J., and Gregory.

Brunswick-Balke-Collender Company, The, assignee: *See*—
Luth, Harold J.
Luth, Harold J., Scheidementel, and Krupnick.
McKenzie, Herman E.

Brunton, Bernard, and R. G. Booth, London, England. Construction of panels for use in building. 2,394,146; Feb. 5.

Brunton, Bernard, and R. G. Booth, London, England. Panel or unit for buildings and buildings constructed therefrom. 2,394,147; Feb. 5.

Brush, Abbott P., Greenwich, Conn. Tapped fastener. 2,393,606; Jan. 29.

Brush Beryllium Company, The, assignee: *See*—
Kjellgren, Bengt R. F.

Brush Development Company, The, assignee: *See*—
Brown, Walter J.
Brown, Walter J., and Neff.
Brown, Walter J., and Shomer.
Christian, Dean R.
Coss, Bert A.
Foldy, Leslie L.
Kornei, Otto.
Massa, Frank.
Rutter, Donald E., Shapiro and Brown.
Shapiro, Harry B.
Swinehart, Frank.
Williams, Alfred L. W., and Dank.

Brush, Don D., Detroit, Mich. Track roller carriage. 2,412,598; Dec. 17.

Bruson, Herman A.: *See*—
MacMullen, Clinton W., and Bruson.

Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Norpolycyclopentenones. 2,393,607; Jan. 29.

Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Unsaturated ethers of hydroxydihydronordicyclopentadiene. 2,393,608; Jan. 29.

Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Dihydronordicyclopentadienyl monoethers of polyhydric alcohols. 2,393,609; Jan. 29.

Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Poly-dihydronordicyclopentadienyl ethers. 2,393,610; Jan. 29.

Bruson, Herman A., assignor to The Resinol Products & Chemical Company, Philadelphia, Pa. Dihydronordicyclopentadienyl ethers of nitro alcohol. 2,393,611; Jan. 29.

Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Ethers of hydroxydihydronorpolycyclopentadienes. 2,394,582; Feb. 12.

Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Thiocyano aliphatic acid esters of endoethylene-hydroxycyclopentanoindane. 2,394,583; Feb. 12.

Bruson, Herman A., assignor, by mesne assignments, to The Resinous Products & Chemical Company, Philadelphia, Pa. Thiocyano aliphatic carboxylic acid esters of hydroxydihydronordicyclopentadiene. 2,394,584; Feb. 12.

Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Cyanoethylated products and preparation thereof. 2,394,962; Feb. 12.

Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Esters of hydroxydihydronorpolycyclopentadienes. 2,395,452; Feb. 26.

Bruson, Herman A., assignor to Röhm & Haas Company, Philadelphia, Pa. β-thiocyano ketones and their preparation. 2,395,453; Feb. 26.

Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Thiocyano aliphatic ethers of hydroxydihydronordicyclopentadiene. 2,395,454; Feb. 26.

Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Dihydronorpolycyclopentadienyl isothiocyanates. 2,395,455; Feb. 26.

Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Dihydronordicyclopentadienyl ethers of hydroxycarboxylic acid esters. 2,400,878; May 28.

Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Cyanoalkyl ethers of polyhydric alcohols. 2,401,607; June 4.

Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Hydroxy-di-(dihydronordicyclopentadiene). 2,404,787; July 30.

Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Endoethylene halocyclopentanoindanes. 2,405,183; Aug. 6.

Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Organic polybasic acid polyesters of hydroxydihydronorpolycyclopentadienes. 2,410,425; Nov. 5.

Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Ethers of endoethylene-substituted cyclopentanols. 2,411,516; Nov. 26.

Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Addition rearrangement products of thiocyanic acid and cyclopentadiene-olefinic adducts. 2,411,869; Dec. 3.

Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Thiocyano alkyl ethers of endoethylene cyclopentanols. 2,412,799; Dec. 17.

Bruson, Herman A., and T. W. Riener, assignors to Röhm & Haas Company, Philadelphia, Pa. Rearranged endomethylene-hexahydrofluorene isothiocyanate. 2,393,746; Jan. 29.

Bruson, Herman A., and T. W. Riener, assignors to The Resinous Products & Chemical Company, Philadelphia, Pa. Azomethines. 2,394,530; Feb. 12.

Bruson, Herman A., and G. B. Butler, assignors to Rohm & Haas Company, Philadelphia, Pa. Explosive synthetic resin. 2,400,806; May 21.

Bruson, Herman A., and G. B. Butler, assignors to Röhm & Haas Company, Philadelphia, Pa. Readily combustible plastic material. 2,404,688; July 23.

Bruson, Herman A., and G. B. Butler, assignors to Röhm & Haas Company, Philadelphia, Pa. Plastics. 2,407,131; Sept. 3.

Brustowsky, Morris, Brooklyn, N. Y., assignor to U. S. Slicing Machine Company, La Porte, Ind. Slicing machine. 2,412,079; Dec. 3.

Bruun, Otto J., Stoke Poges, England. Producing collapsible tin coated metal tube containers. 2,411,024; Nov. 12.

Bryan, Raymond G., Kansas City, Kans. Safety razor blade sharpener. 2,392,640; Jan. 8.

Bryans, Frank: *See*—
Dreyfus, Henry, Bryans, and Drewitt.

Bryant, C., & Son Limited, assignee: *See*—
Hawes, Albert H., assignor.

Bryant Chucking Grinder Company, assignee: *See*—
Arms, Merton H., and Barnard.
Fenn, Raymond T.
Moore, Willis F.

Bryant Electric Company, The, assignee: *See*—
Beal, James F.
Hodgkins, Charles H.
Smith, Roy M.

Bryant, Etta M., Montclair, N. J. Lady's undergarment. 2,401,457; June 4.

Bryant, Eugene E., Bedford, Ohio, assignor, by mesne assignments, to the United States of America, as represented by the Secretary of War. Metallic coating. 2,403,706; July 9.

Bryant, Forrest Le G., New York, N. Y., assignor to Jensen Machinery Company, Inc., Bloomfield, N. J. Metering device. 2,411,613; Nov. 26.

Bryant, Frank D., Syracuse, N. Y., assignor to General Electric Company. Electric switch. 2,399,462; Apr. 30.

Bryant, Frederick W., Hanover, N. J. Holder and applicator for cosmetic liquids and the like. 2,399,463; Apr. 30.

Bryant, Gwendoline A., High Wycombe, England. Lamp shade or the like. 2,397,466; Apr. 2.

Bryant Heater Company, The, assignee: *See*—
Higley, Frank R., and McCoy.
Terhune, Ralph D.

Bryant, Higbee W., Stockton, Ill. assignor to Kraft Cheese Company. Making material for use in the manufacture of process cheese. 2,392,362; Jan. 8.

Bryant, Nelson H.: *See*—
Gustin, Daniel S., and Bryant.

Bryce, James W., Glen Ridge, N. J., assignor to International Business Machines Corporation, New York, N. Y. Optical recorder. 2,392,224; Jan. 1.

Bryers, Harvey A., Dayton, Ohio. Antenna mounting. 2,403,479; July 9.

Bryn Mawr Laboratory, assignee: *See*—
Gamma, John A.

Buchal, Werner: *See*—
Turnbull, William J., and Buchal.

Buchan, Rudolph C., Houston, Tex., assignor to Standard Oil Development Company. Apparatus for handling oil field emulsions. 2,398,204; Apr. 9.

Buchanan, Ben F.: *See*—
Lloyd, Robert L., and Buchanan.

Buchanan, Ben F., Leonia, N. J., and R. L. Lloyd, Laurelton, N. Y., assignors to American Maize-Products Company. Gelatinization of starch. 2,406,585; Aug. 27.

Buchanan, Charles H., Kingston-on-Thames, assignor to Jicwood Limited, Weybridge, England. Producing curved "sandwich" material. 2,407,867; Sept. 17.

Buchanan, J. D., Burbank, Calif. Expansible piston. 2,393,747; Jan. 29.

Buchanan, J. D., Burbank, Calif. Hydraulic motor or pump. 2,397,594; Apr. 2.

Buchanan, J. D., Burbank, Calif. Variable restrictor. 2,402,729; June 25.

Buchanan, J. D., Burbank, Calif. Valve. 2,410,404; Nov. 5.

Buchanan, Stephen N., Westmoreland Hills, Md. Protector device. 2,401,223; May 28.

Buchanan, Stephen N., Washington, D. C., assignor to Aircraft-Marine Products, Inc., Elizabeth, N. J. Electrical connector. 2,406,346; Aug. 27.

Buchanan, Thomas B., Yonkers, N. Y., and C. B. Pape, Montague, Mich., assignors to Reynolds Metals Corporation, Richmond, Va. Apparatus for packaging. 2,402,869; June 25.

Buchele, William, Toledo, Ohio. Lens. 2,413,286; Dec. 31.

Bucher, Francis X.: *See*—
Florjancic, Peter, and Boral.
Mumma, Robert E., and Bucher.

Bucher, Rudolf, assignor to the Swiss firm of G. Laubscher & Co., Basel, Switzerland. Instrument for blood transfusion. 2,409,734; Oct. 22.

Buchet, Conrad R., Pasadena, Calif., assignor of three-fourths to B. F. B. Engineers, Incorporated, and one-fourth to M. H. Lees, Jr. Hydraulic chuck and cutter operating device. 2,395,720; Feb. 26.

Buchet, Conrad R., Pasadena, Calif., assignor of one-half to M. H. Lees, Jr. Apparatus for making rivets. 2,395,721; Feb. 26.

Buchet, Conrad R., Pasadena, Calif., assignor of one-half to M. H. Lees, Jr. Method of and apparatus for making rivets. 2,395,722; Feb. 26.

Buchwald, Charles E., assignor to Western Electric Company, Incorporated, New York, N. Y. Article handling apparatus. 2,398,205; Apr. 9.

Buck, James C.: *See*—
Clark, Albert R., Buck, and De Vries.

Buck, Johannes S., East Greenbush, N. Y., and L. Reiner, Bloomfield, N. J., assignors to Burroughs Wellcome & Co. (U. S. A.) Inc., New York, N. Y. Esters of secondary phenolic amines. 2,400,038; May 7.

Buck, Richard S., Glastonbury, and A. Kalitinsky, Eagleville, assignors to United Aircraft Corporation, East Hartford, Conn. Shaft cooling. 2,395,087; Feb. 19.

Buck, Robert H., Oakland, Calif. Welder's electrode holder. 2,400,285; May 14.

Buckbee, John A., Fort Wayne, Ind., assignor to Farnsworth Television and Radio Corporation. Automatic gain control. 2,401,548; June 4.

Buckbee, John A., Fort Wayne, Ind., assignor to Farnsworth Television and Radio Corporation. Keystone correction apparatus. 2,406,740; Sept. 3.

Buckbee, John C., Los Angeles, Calif. Rotary machine. 2,400,286; May 14.

Buckel, Charles, Mountain Home, Idaho. Trailer brake. 2,394,840; Feb. 12.

Buckendale, Lawrence R.: *See*—
Alden, Herbert W., Buckendale, and Super.

Buckendale, Lawrence R., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Drive axle. 2,392,832; Jan. 15.

Buckendale, Lawrence R., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Vehicle driving mechanism. 2,406,797; Sept. 3.

Buckendale, Lawrence R., Detroit, Mich., and B. W. Keese, Oshkosh, Wis., assignors to The Timken-Detroit Axle Company, Detroit, Mich. Power transmitting mechanism. 2,399,201; Apr. 30.

Buckeye Laboratories Corporation, assignee: *See*—
Dunmire, Russell P.
Dunmire, Russell P., and Camelford.

Buckeye Steel Castings Company, The, assignee: *See*—
Stertzbach, Harry W.
Wolfe, Harry H.

Buckeye Traction Ditcher Company, The, assignee: *See*—
George, Charles L., and Bennett.

Bucklus, Albert O., Cleveland Heights, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Journal box lid. 2,412,250; Dec. 10.

Bucklen, Herbert E., Jr., assignee: *See*—
Hedin, Uno C.

Buckler, George H., assignee: *See*—
Adams, Robert E.

Buckley, Arthur H., Chicago, Ill. Control system. 2,410,198; Oct. 29.

Buckley, Charles W.: *See*—
Tear, James D., and Buckley.

Buckley, Charles W., Mount Vernon, assignor to Ford Instrument Company, Inc., Long Island City, N. Y. Range setting mechanism. 2,411,080; Nov. 12.

Buckley, Donald J., Baton Rouge, La., assignor to Industrial Tape Corporation, New Brunswick Township, N. J. Adhesive tape. 2,397,774; Apr. 2.

Buckley, Gerard D., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Manufacture of nitro compounds. 2,408,607; Oct. 1.

Buckley, Joseph B.: *See*—
Hohwart, George and E. F., and Buckley.

Buckley Mystic System, Inc., assignee: *See*—
Henry, Earle G.

Buckley, Walter D., Berkeley, and E. P. Bly, assignors to American Bitumuls Company, San Francisco, Calif. Bituminous emulsion and preparing same. 2,392,457; Jan. 8.

Bucknam, James H., Cranford, N. J., assignor to Union Carbide and Carbon Corporation. Gas generating apparatus and control system therefor. 2,402,522; June 18.

Bucknam, James H., Cranford, E. Meincke, and L. W. Young, Scotch Plains, N. J., assignors to The Linde Air Products Company. Mechanism for controlling the flow of fluid or gas. 2,392,806; Jan. 15.

Bucknam, Worthy C., Mechanic Falls, Maine, assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Valve. 2,405,010; July 30.

Buckner, Ephraim E., Lansing, Mich. Combination window sash, stops, and weather strip. 2,394,979; Feb. 19.

Bucks, David H., Milwaukee, Wis. Fishhook. 2,402,730; June 25.

Buckthal, Elmer P.: *See*—
Sandretto, Peter C., and Buckthal.

Buckwalter, Tracy V., Massillon, assignor to The Timken Roller Bearing Company, Canton, Ohio. Roller-bearing axle. 2,397,047; Apr. 2.

Buckwalter, Tracy V., Massillon, assignor to The Timken Roller Bearing Company, Canton, Ohio. Car truck. 2,403,045; July 2.

Buckwalter, Tracy V., Massillon, assignor to The Timken Roller Bearing Company, Canton, Ohio. Car truck. 2,405,398; Aug. 6.

Buckwalter, Tracy V., Massillon, and W. L. Schribner, assignors to The Timken Roller Bearing Company, Canton, Ohio. Rolling cylindrical work stock. 2,396,081; Mar. 5.

Bucky, Philip B., Larchmont, N. Y. Mining. 2,396,678; Mar. 19.

Bucyrus-Erie Company, assignee: *See*—
Davidson, Trevor O.
Davidson, Trevor O., and Schauer.
Mork, George W.
Reuter, Gottfried.

Buda Company, The, assignee: *See*—
Guerasimoff, Constantine N.
Richards, Dwight.
Richards, Dwight, and Comfot.

Budd Company, The, assignee: *See*—
Callender, Edwin M.
Coombes, Joseph H.
Dean, Albert G.
Eksergian, Carolus L.
Gaenssle, Paul W.
Haag, Carl J.
Hight, Franklin R., Greenshields, and Mueller.
Labaree, Benjamin.
Ledwinka, Joseph.
Linnert, Theodore G.
Ridgway, Edmund T.
Somes, Howard E.
Stever, William.
Strickland, Harold A., Jr.
Watter, Michael.

Budd, Edward G. Manufacturing Company, assignee: *See*—
Callender, Edwin M.
Dean, Albert G.
Diamond, Arthur R., and Stever.
Elwert, George.
Fetcher, John R., and Phair.
Hochreiter, Edward.
Ledwinka, Joseph.
Ledwinka, Joseph, and Kelly.
Ledwinka, Joseph, and Trantvetter.
Lindsay, Alexander R.
Montgomery, Robert, and Schane.
Pancoe, George W.
Somes, Howard E.
Stever, William.
Strickland, Harold A., Jr.
Tarbox, John P.
Trauvetter, George.
Ulrich, Theodore.
Watter, Michael.
Whitesell, John C., Jr.

Budd, Edward S., assignor to Revere Copper and Brass Incorporated, Rome, N. Y. Zinc base alloys. 2,392,641; Jan. 8.

Budd Induction Heating, Inc., assignee: *See*—
Somes, Howard E.
Strickland, Harold A., Jr.

Budd Wheel Company, assignee: *See*—
Coombes, Joseph H.
Farr, Warren H.
Eksergian, Carolus L.
Eksergian, Carolus L., and Coombes.
Eksergian, Carolus L., Coombes, and Gaenssle.
Eksergian, Carolus L., Gaenssle, and Kaiser.
Farr, Warren H., and Tarbox.
Strickland, Harold A., Jr.

Buddrus, Edward, and S. C. Carney, Bartlesville, Okla., assignors to Phillips Petroleum Company. Recovery of hydrocarbons. 2,412,765; Dec. 17.

Budenbom, Horace T., Short Hills, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Direction finding system. 2,407,649; Sept. 17.

Budge, Edward D., Oakland, and C. P. Hunt and D. E. Lent, assignors to Zellerbach Paper Company, San Francisco, Calif. Box liner. 2,392,575; Jan. 8.

Budig, William: *See*—
Sommer, Kurt, Maca, Edwards, and Budig.

Budlane, Stanley J., assignor to Stewart-Warner Corporation, Chicago, Ill. Heating apparatus. 2,404,617; July 23.

Buechek, John, Kokomo, Ind. Dough twisting machine. 2,405,684; Aug. 13.

Buechler, John H., Chicago, Ill. Nut tightener. 2,411,245; Nov. 19.

Buechner, Guenther, Scotia, N. Y., assignor to General Electric Company. Mycalex products. 2,400,337; May 14.

Buechner, Guenther, Scotia, N. Y., assignor to General Electric Company. Vitreous compositions. 2,405,011; July 30.

Buecken, Hans E.: *See*—
Magerkurth, Wilhelm A., and Buecken.

Buehner, Christ, assignor to Phenix Manufacturing Company, Inc., Milwaukee, Wis. Overhead door locking mechanism. 2,393,287; Jan. 22.

Buehner, Christ, assignor to Phenix Manufacturing Company, Inc., Milwaukee, Wis. Overhead door and affiliated mechanism. 2,401,857; June 11.

Buell, Halsey W., assignor to The Carborundum Company, Niagara Falls, N. Y. Abrasive article. 2,398,409; Apr. 16.

Buell, Halsey W., assignor to The Carborundum Company, Niagara Falls, N. Y. Abrasive article and manufacturing the same. 2,412,599; Dec. 17.

Buena Vista Iron Company, assignee: *See*—
Worthen, Eugene P., and Barbour.

Buensod-Stacey, assignee: *See*—
Lea, Edward S.

Buensod-Stacey, Incorporated, assignee: *See*—
Waterfill, Robert W.

Buffalo Brake Beam Company, The, assignee: *See*—
Busch, Charles R.

Buffalo Electro-Chemical Company, Inc., assignee: *See*—
Dawsey, Lynn H., and Rudolph.
Kauffmann, Hans O., Shanley, and McEwen.
Ryan, Joseph R.

Buffenbarger, James F., assignor to The Gardner-Richardson Company, Middletown, Ohio. Bird figure and the like. 2,395,247; Feb. 19.

Buffington, Malcolm R., Millburn, assignor to Lea Fabrics, Inc., Newark, N. J. Making ring type packings. 2,400,533; May 21.

Buffington, Malcolm R., Millburn, and E. G. Jegge, Montclair, N. J. Resilient nonmetallic bearing. 2,397,124; Mar. 26.

Buffington, Ralph M., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,400,138; May 14.

Bufkin, Eugene R., deceased, Durham, N. C.; J. M. Bufkin, executrix. Foot fin. 2,395,844; Mar. 5.

Bufkin, Jessie M., executrix: *See*—
Bufkin, Eugene R.

Bugg, Kenly C., Fort Wayne, Ind. Collet chuck. 2,393,140; Jan. 15.

Bugg, Kenly C., Fort Wayne, Ind. Flanging device. 2,394,841; Feb. 12.

Bugg, Kenly C., Fort Wayne, Ind. Riveting or fastening mechanism. 2,396,082; Mar. 5.

Bugg, Kenly C., and H. L. Hart, Fort Wayne, Ind.; said Hart assignor to said Bugg. Temporary fastener. 2,393,587; Jan. 29.

Bugg, Kenly C., and H. L. Hart, Fort Wayne, Ind.; said Hart assignor to said Bugg. Tube beading and expanding tool and method. 2,405,399; Aug. 6.

Bugley, James R., assignor of one-half to R. Hunter, Boston, Mass. Sandblast nozzle. 2,413,167; Dec. 24.

Buhler Brothers, assignee: *See*—
Forster, Albert.

Buhrendorf, Frederick G., Hastings-on-Hudson, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Gear drive mechanism. 2,397,126; Mar. 26.

Buhrendorf, Frederick G., Hastings on Hudson, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Speech privacy communication. 2,406,347; Aug. 27.

Buhrendorf, Frederick G., Hastings on Hudson, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Secret telephony. 2,406,348; Aug. 27.

Buhrendorf, Frederick G., Hastings on Hudson, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Secret signaling. 2,406,349; Aug. 27.

Buhrer, William G., Jerseyville, Ill. Rail joint tread bridge. 2,410,199; Oct. 29.

Buhrmaster, Frederick R., Webster Groves, assignor to Gaylord Container Corporation, St. Louis, Mo. Heavy duty paper shipping carton having interlocking end closure. 2,410,148; Oct. 29.

Bulee, David E., Sr., Ellenwood, Ga. Heddle bar lock. 2,409,735; Oct. 22.

Bulek, Wynton R.: *See*—
Udale, Stanley M., and Bulek.

Builders Iron Foundry, assignee: *See*—
Thoresen, John C.
Thoresen, John C., and Hartley.

Building Products Limited, assignee: *See*—
Johnson, William, and Bruneau.

Bulvid, Michel D., Milford, assignor to United Aircraft Corporation, East Hartford, Conn. Foldable rotor. 2,405,777; Aug. 13.

Bukowski, Gunther: *See*—
Neumann, Heinrich, Bukowski, Ramshorn, Spiegel, and Tonn.

Bukowsky, Harry E., Port Townsend, Wash., assignor to Crown Zellerbach Corporation, San Francisco, Calif. Hydraulic log-barking machine. 2,395,845; Mar. 5.

Bulatkin, Iliya F.: *See*—
Warth, Albin H., and Bulatkin.

Bulbulian, Arthur H., Rochester, Minn. Aviation mask. 2,398,076; Apr. 9.

Bulbulian, Arthur H., Rochester, Minn. Mask construction. 2,403,046; July 2.

Buller, August J., Berwyn, Ill., assignor to Corn Products Refining Company, New York, N. Y. Sterilization of starch. 2,401,813; June 11.

Bull, Anders, Forest Hills, N. Y. Tunnel lining. 2,400,071; May 14.

Bull, Cabot S.: *See*—
Broadway, Leonard F., and Bull.

Bull, Cabot S., Hillingdon, England, assignor to Electric and Musical Industries Limited. Electron discharge device. 2,409,417; Oct. 15.

Bull, Eric W., Hounslow, England. Audible indication for radar. 2,395,368; Feb. 19.

Bull, Kenneth D., Middlesex, N. J., assignor to Mack Manufacturing Corporation, Long Island City, N. Y. Synchronizing mechanism. 2,397,943; Apr. 9.

Bullard, E. D., Company, assignee: *See*—
Ruggiero, Alfred J.

Bullard, Edwin F.: *See*—
Anderson, John, Bullard, and McAllister.
Mossberg, Harold F., and Bullard.

Bullard, Edwin F., Oakland, J. Anderson, Berkeley, and S. H. McAllister, Lafayette, assignors to Shell Development Company, San Francisco, Calif. Alkylation of aromatic hydrocarbons. 2,405,874; Aug. 13.

Buller, Reginal F., West Los Angeles, assignor to Shell Development Company, San Francisco, Calif. Plastic solvent composition. 2,401,904; June 11.

Bullinger, Conrad, Downers Grove, assignor to A. Stein and Company, Chicago, Ill. Girdle or foundation garment. 2,393,612; Jan. 29.

Bullinger, Frederic H., Bronxville, N. Y., assignor to Ward Leonard Electric Company. Resistive device. 2,402,122; June 18.

Bullock, Ellis W., Birmingham, Ala., assignor to Fly Ash Arrestor Corporation. Grate. 2,410,266; Oct. 29.

Bullock, Harry L.: *See*—
Smith, Carlos B.

Bullock, James, Richmond, Calif. Drill. 2,405,110; Aug. 6.

Bullock, Nelson, Santa Ana, Calif. Tumbler washer. 2,412,950; Dec. 24.

Bullock, Reginald: *See*—
Wheat, William N., and Bullock.

Bulova Watch Company, assignee: *See*—
Burgbacher, John C.
Kupchick, Edward.

Bula, Vernon W.: *See*—
Hearne, George W., Adams, and Buls.

Bumstead, Ralph W., Westfield, N. J., assignor to Radio Corporation of America. Radio relay system. 2,401,338; June 4.

Bumstead, Ralph W., Westfield, N. J., assignor to Radio Corporation of America. Telegraphy. 2,404,565; July 23.

Bunch, Glave S., Centre Township, St. Joseph County, Ind. Thread diameter gauge. 2,399,624; May 7.

Bundy Tubing Company, assignee: *See*—
Hobrock, Raymond H.

Bunker, Arthur C., Schenectady, assignor to American Locomotive Company, New York, N. Y. Spring hinge for doors. 2,395,456; Feb. 26.

Bunn, Charles H., Jr., Westfield, and L. W. Schrader, Elizabeth, N. J., assignors to Standard Oil Development Company. Corrosion preventing electrode. 2,404,031; July 16.

Bunn, Edward S.: *See*—
Wilkins, Richard A., and Bunn.

Bunn, Edward S., assignor to Revere Copper and Brass Incorporated, Rome, N. Y. Zinc base alloys. 2,392,642; Jan. 8.

Bunn, Edward S., assignor to Revere Copper & Brass Incorporated, Rome, N. Y. Zinc base alloys. 2,397,723; Apr. 2.

Bunn, Edward S., assignor to Revere Copper and Brass Incorporated, Rome, N. Y. Zinc base alloys. 2,401,135; May 28.

Bunn, Edward S., assignor to Revere Copper and Brass Incorporated, Rome, N. Y. Zinc base alloys. 2,401,136; May 28.

Bunn, Edward S., Rome, N. Y., assignor to Revere Copper and Brass Incorporated. Zinc base alloys. 2,403,337; July 2.

Bunn, Edward S., Baltimore, Md., assignor to Revere Copper and Brass Incorporated, Rome, N. Y. Zinc base alloys. 2,392,643; Jan. 8.

Bunn, George P., Bartlesville, Okla., assignor to Phillips Petroleum Company. High temperature valve. 2,410,960; Nov. 12.

Burawoy, Abraham, Levenshulme, Manchester, assignor to The Calico Printers' Association Limited, Manchester 1, England. The nuclear methylation of phenols. 2,401,608; June 4.

Burbank, Benjamin B.: *See*—
Toland, William C., and Burbank.

Burbank, Clifford D., and T. Harry, Jr., Jackson, assignors, by mesne assignments, to W. R. Richards, Grand Rapids, Mich. Pressure unit. 2,396,823; Mar. 19.

Burch, Charles J., Plainfield, N. J., assignor to The Linde Air Products Company. Flux-forming fuel and thermally working minerals therewith. 2,402,947; July 2.

Burch, Charles J., Plainfield, N. J., assignor to The Linde Air Products Company. Spinning hollow articles. 2,406,059; Aug. 20.

Burch, Lyndon W., Bronxville, N. Y., assignor to The Wilcolator Company, Newark, N. J. Snap-acting apparatus. 2,402,312; June 18.

Burch, Ray C., assignee, et al.: *See*—
Francis, Wilbur C.

Burch, Willie D., assignor of one-half to F. Parrott, Oklahoma City, Okla. Acetylene generator. 2,409,833; Oct. 22.

Burchell, Fford, Port Chester, and B. Ivins, assignors to Burchell-Holloway Corporation, New York, N. Y. Method and apparatus for producing colored designs. 2,393,968; Feb. 5.

Burchell, Fford, and B. Ivins, assignors to Burchell-Holloway Corporation, New York, N. Y. Display device. 2,393,969; Feb. 5.

Burchell, Fford, and B. Ivins, assignors to Burchell-Holloway Corporation, New York, N. Y. Display device. 2,393,970; Feb. 5.

Burchell-Holloway Corporation, assignee: *See*—
Burchell, Fford, and Ivins.

Burchett, Paul J., Glendale, Calif. Valve mechanism. 2,406,662; Aug. 27.

Burcky, Charles W., Park Ridge, assignor to Teletype Corporation, Chicago, Ill. Code translator. 2,396,638; Mar. 19.

Burcky, Charles W., Park Ridge, assignor to Teletype Corporation, Chicago, Ill. Guiding means. 2,409,102; Oct. 8.

Burcky, Charles W., Park Ridge, assignor to Teletype Corporation, Chicago, Ill. Dial selective calling system. 2,411,101; Nov. 19.

Burd Piston Ring Company, assignee: *See*—
Haling, Otto W.

Burdett, Philip H., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Making incendiary bullets. 2,402,018; June 11.

Burdick, Charles L., Brighton, England. Apparatus for improving the effective use of eyesight and preventing strain on the eyes. 2,406,190; Aug. 20.

Burdick, Edwin C., assignor to The Brown Instrument Company, Philadelphia, Pa. Control mechanism. 2,410,335; Oct. 29.

Bureau, Achille G., Forest Hills, N. Y. Table. 2,398,693; Apr. 16.

Bureau, Arthur A., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Friction shock absorbing mechanism. 2,401,905; June 11.

Bureau, Arthur L., U. S. Navy. Belt loader. 2,397,944; Apr. 9.

Burgbacher, John C., Bayside, Long Island, assignor to Bulova Watch Company, New York, N. Y. Watch setting and starting device. 2,394,746; Feb. 12.

Burge, James S., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Apparatus for supplying wire from wire supply spools to bending presses. 2,400,739; May 21.

Burgener, Karl L., Villa Park, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,410,866; Nov. 12.

Burgeni, Alfred, East Orange, and R. L. Keown, Belleville, assignors to The Clark Thread Company, Newark, N. J. Wetting thread. 2,398,516; Apr. 16.

Burger, Albert, Millvale, Pa. Positive oil feed pump by minute drop-like volumes. 2,413,136; Dec. 24.

Burger, Alfred, Charlottesville, Va., assignor to Smith, Kline & French Laboratories, Philadelphia, Pa. Composition of matter. 2,400,913; May 28.

Burger, Edward J., assignee: *See*—
Benjamin, Theodore R.

Burger, Frederick W., Niles, assignor to Clark Equipment Company, Buchanan, Mich. Wheel. 2,403,634; July 9.

Burger, Joseph, New York, N. Y. Container or shipping case having a removable cover to be locked and sealed. 2,408,731; Oct. 8.

Burgert, Harold E., Brighton, and J. V. Butterfield, assignors to Bausch & Lomb Optical Company, Rochester, N. Y. Mounting lenses. 2,394,894; Feb. 12.

Burgess Battery Company, assignee: *See*—
Lipinski, Vincent.
Schutte, Junius M.
Wilke, Milton E.

Burgess, John E.: *See*—
Gerhold, Clarence G., and Burgess.

Burgess, Lothian M.: *See*—
Massey, Peter J., and Burgess.

Burgess, Lothian M., and G. Abson, assignors to H. P. Smith Paper Company, Chicago, Ill. Moisture vapor-proofing material. 2,402,123; June 18.

Burgess, Lothian M., and G. Abson, assignors to H. P. Smith Paper Company, Chicago, Ill. Moisture vapor-proofing material. 2,402,870; June 25.

Burgess-Manning Company, assignee: *See*—
Hoyle, Robert L.
Leadbetter, Ralph L.

Burgess, Robert O., Arlington, Va. Instrument for measuring vertical angles. 2,401,609; June 4.

Burgess, Robert O., Arlington, Va., and E. C. Craig, U. S Navy. Pelorus. 2,397,125; Mar. 26.

Burgess, William S.: *See*—
Weaver, Joseph B., and Burgess.

Burgess, William S., assignor to Weaver Associates Corporation, Washington, D. C. Contrarurning propeller mechanism. 2,393,234; Jan. 22.

Burghardt, Raymond F., Forest Hills, N. Y., and R. H. Barth, Ridgewood, N. J., assignors, by mesne assignments, to Heyden Chemical Corporation, New York, N. Y. Manufacture of pentaerythritol. 2,401,749; June 11.

Burghart, Lloyd M., Darien, Conn., assignor to U. S. Industrial Chemicals, Inc., New York, N. Y. Corrosion inhibiting composition and method. 2,411,676; Nov. 26.

Burgin, James: *See*—
Bailey, William A., Jr., and Burgin.

Burgin, James, Oakland, assignor to Shell Development Company, San Francisco, Calif. Catalytic conversion of carbonaceous materials. 2,407,918; Sept. 17.

Burhans, Paul B., Fort Myers, Fla. Automatic wear compensating ball-and-socket joint. 2,401,814; June 11.

Burhans, William G., Kingston, N. Y. Filter. 2,394,895; Feb. 12.

Burk, Robert, assignor of one-half to W. C. Brockmeier, Brazil, Ind., and one-half to M. R. Harding, Greenville, Mich. Rotary tool adapter. 2,407,471; Sept. 10.

Burk, Robert E., Cleveland Heights, assignor to The Standard Oil Company, Cleveland, Ohio. Recovery of catalysts. 2,400,874; May 28.

Burk, Robert E., Cleveland Heights, assignor to The Standard Oil Company, Cleveland, Ohio. Reactions with isopentane in the presence of a liquid catalyst. 2,405,993; Aug. 20.

Burk, Robert E., Cleveland Heights, assignor to The Standard Oil Company, Cleveland, Ohio. Averaging propane and pentane. 2,405,994; Aug. 20.

Burk, Robert E. Cleveland Heights, assignor to The Standard Oil Company, Cleveland, Ohio. Dearomatizing and modifying hydrocarbons with hydrogen fluoride and boron trifluoride. 2,405,995; Aug. 20.

Burk, Robert E., Cleveland Heights, assignor to The Standard Oil Company, Cleveland, Ohio. Averaging hydrocarbons. 2,405,996; Aug. 20.

Burk, Robert E., Cleveland Heights, assignor to The Standard Oil Company, Cleveland, Ohio. Preparation of branched chain hydrocarbons. 2,408,752; Oct. 8.

Burk, Robert E., Cleveland Heights, assignor to The Standard Oil Company, Cleveland, Ohio. Treatment of hydrocarbons. 2,408,753; Oct. 8.

Burk, Robert E., assignor to The Standard Oil Company, Cleveland, Ohio. Flushing liquid for cleaning internal-combustion engines. 2,403,169; July 2.

Burk, Robert E., Novelty, assignor to The Standard Oil Company, Cleveland, Ohio. Averaging with pentane. 2,405,997; Aug. 20.

Burk, Robert E., Wilmington, Del., and E. C. Hughes, Cleveland Heights, assignors to The Standard Oil Company, Cleveland, Ohio. Alkylating aromatic hydrocarbons. 2,399,662; May 7.

Burk, Robert E., and E. C. Hughes, Cleveland Heights, assignors to The Standard Oil Company, Cleveland, Ohio. Aromatizing sulphur-containing hydrocarbons. 2,401,834; June 4.

Burk, Robert E., and E. C. Hughes, Cleveland Heights, assignors to The Standard Oil Company, Cleveland, Ohio. Polymerizing olefins. 2,404,788; July 30.

Burk, Robert E., Cleveland Heights, and E. Kropp, assignors to The Standard Oil Company, Cleveland, Ohio. Apparatus for fractional distillation. 2,404,789; July 30.

Burk, Robert E., and E. C. Hughes, Cleveland Heights, assignors to The Standard Oil Company, Cleveland, Ohio. Aromatizing with consumption of hydrogen. 2,405,184; Aug. 6.

Burk, Robert E., and E. C. Hughes, Cleveland Heights, assignors to The Standard Oil Company, Cleveland, Ohio. Hydrocarbon catalyzing process. 2,410,044; Oct. 29.

Burk, Robert E., Cleveland Heights, and T. J. Walsh, assignors to The Standard Oil Company, Cleveland, Ohio. Laboratory fractionating column head. 2,410,045; Oct. 29.

Burk, Robert E., and E. C. Hughes, Cleveland Heights, assignors to The Standard Oil Company, Cleveland, Ohio. Catalysis of hydrocarbons by gel-type catalysts. 2,412,600; Dec. 17.

Burkart, F., Manufacturing Company, assignee: *See*—
Kopplin, Karl J.

Burke, Allen P., Claymont, Del., and H. Crewdson, Chester County, Pa., assignors to American Viscose Corporation, Wilmington, Del. Apparatus for the liquid treatment of strand material. 2,402,313; June 18.

Burke, James P., Poland, Ohio, assignor to F. L. McLaughlin, Detroit, Mich. Lock nut. 2,400,072; May 14.

Burke Theodore H. D., Eggertsville, assignor to Otis Elevator Company, New York, N. Y. Treating refratory. 2,407,868; Sept. 17.

Burke, William F., Athens, Ohio, assignor to Syntron Company, Homer City, Pa. Stacking apparatus. 2,398,777; Apr. 23.

Burke, William J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Treating cellulosic textile materials. 2,391,942; Jan. 1.

Burke, William J., Marshallton, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing cellulose ethers. 2,398,767; Apr. 23.

Burke, William J., Marshallton, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Treatment of keratinous material. 2,403,906; July 16.

Burke, William J., Marshallton, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Treatment of polyunsaturated esters with polythiols and products produced thereby. 2,411,954; Dec. 3.

Burkeman, Axel H., Des Moines, Iowa. Combination folding table and blackboard. 2,397,405; Mar. 26.

Burkett, Howard: *See*—
McElvain, Samuel M.

Burkhalter, Robert R.: *See*—
Peterson, Carl D., and Burkhalter.

Burkhard, William L., assignor to Gates Rubber Company, Denver, Colo. Display rack. 2,400,807; May 21.

Burkhardt, Otto M., Euclid, Ohio. Selector cock. 2,405,940; Aug. 20.

Burkhardt, Otto M., Euclid, Ohio. Valve linkage. 2,411,650; Nov. 26.

Burkhart, Oliver R., assignee, et al.: *See*—
Gruner, William P.

Burkhart, Walter H., assignee, et al.: *See*—
Gruner, William P.

Burkhart, William B.: *See*—
Schultz, Arthur B., and Burkhart.

Burks, George E., Peoria, Ill., assignor to Caterpillar Tractor Co., San Leandro, Calif. Valve tappet mounting. 2,404,032; July 16.

Burks, James B., Houston, Tex. Pump. 2,392,117; Jan. 1.

Burlin, Leslie H., Valparaiso, Ind., assignor to M. L. Sturm, Evanston, Ill., doing business as Milton Sturm & Company. Tightrope walking toy. 2,392,721; Jan. 8.

Burlin, Leslie H., Valparaiso, Ind., assignor to M. L. Sturm, Evanston, Ill., doing business as Milton Sturm and Company. Loop the loop toy. 2,392,722; Jan. 8.

Burlington Mills Corporation, assignee: *See*—
Adams, Hal M.

Burman & Sons Limited, assignee: *See*—
Briggs, Thomas H., and W. H.

Burnam, John C., assignee: *See*—
Lee, Floyd J.

Burnat, Henri L., Paris, France; vested in the Alien Property Custodian. Damping flywheel. 2,403,478; July 9.

Burndy Engineering Company, Inc., assignee: *See*—
Matthysse, Irving F.

Burnell Machine Company, Incorporated, assignee: *See*—
Housman, Walter J.

Burner, Bingham F., Arlington, Va., and L. A. Brooke, Washington, D. C. Chair tie for reinforcing rods. 2,407,249; Sept. 10.

Burnett, Clinton B., Parsons, Kans., W. T. Donahue, Chicago, and F. T. Randolph, Waukegan, Ill., assignors to Johns-Manville Corporation, New York, N. Y. Sound-absorbing treatment. 2,401,906; June 11.

Burnett, Ralph E., assignor to Porcelain Metals Corporation, Louisville, Ky. Shower bath receptor. 2,400,683; May 21.

Burnett, Raymond S.: *See*—
Irving, George W., Jr., Merrifield, Burnett, and Parker.

Burnett, Richard T., South Bend, Ind. Accumulator system. 2,400,039; May 7.

Burnett, Robert N., deceased, late of Monrovia, Calif., by S. Hoffmann, executor, Glendale, Calif. Float collar and cementing shoe. 2,393,457; Jan. 22.

Burney, Donald E., Hammond, Ind., and E. L. d'Ouville and C. M. Hull, assignors to Standard Oil Company, Chicago, Ill. Polymerization of propylene. 2,397,945; Apr. 9.

Burnham, John, assignor to Sprague Electric Company, North Adams, Mass. Electrical condenser. 2,408,910; Oct. 8.

Burnham, Virgil A., Saco, Maine, assignor to Saco-Lowell Shops, Boston, Mass. Twister frame. 2,411,126; Nov. 12.

Burnham, Virgil A., Saco, Maine, assignor to Saco-Lowell Shops, Boston, Mass. Spindle brake. 2,411,127; Nov. 12.

Burns, Charles R., West Reading, assignor to Vanity Fair Mills, Inc., Reading, Pa. Warp knit fabric and making the same. 2,412,869; Dec. 17.

Burns, Edward R., Cheshire, Conn., assignor, by mesne assignments, to Dispersions Process, Inc., New York, N. Y. Preparation of aqueous dispersions of vinyl chloride polymers. 2,400,808; May 21.

Burns, Frank D., Long Beach, assignor to The Hays Corporation, Michigan City, Ind. Totalizer. 2,393,748; Jan. 29.

Burns, Frank D., Long Beach, assignor to The Hays Corporation, Michigan City, Ind. Regulator stabilizer. 2,397,127; Mar. 26.

Burns, Fred J., Saginaw, Mich., assignor to The Columbia Mills, Inc., New York, N. Y. Window shade attaching means. 2,397,775; Apr. 2.

Burns, Gordon K., and S. Pitt, Westfield, and D. V. Waters, Flemington, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Coating apparatus. 2,401,047; May 28.

Burns, Jake D., Richmond, Calif. Tail gate operating mechanism for dump trucks. 2,410,046; Oct. 29.

Burns, Laurence, Swampscott, Mass., assignor to Sylvania Electric Products Inc., Salem, Mass., a corporation of Massachusetts. Lamp socket. 2,401,610; June 4.

Burns, Richard H., assignor to Indiana Steel & Wire Company, Muncie, Ind. Electroplating. 2,393,516; Jan. 22.

Burns, Richard H., assignor to Indiana Steel & Wire Company, Muncie, Ind. Electroplating zinc. 2,393,517; Jan. 22.

Burnside, John E., administrator: *See*—
Barber, Quay C.

Burr, Ned, assignor to Chicago Cardboard Company, Chicago, Ill. Framed display. 2,395,369; Feb. 19.

Burr, Ned, assignor to Chicago Cardboard Company, Chicago, Ill. Lattice display. 2,400,914; May 28.

Burrell, George T., deceased, by Helen Haughton Burrell, administratrix, Huntington Station, N. Y., assignor to Republic Aviation Corporation. Camera operating control. 2,410,925; Nov. 12.

Burrell, Guy H., Mount Lebanon, and L. V. Guild, Oakland, assignors to Burrell Technical Supply Company, Pittsburgh, Pa. Selective adsorption of gases. 2,399,095; Apr. 23.

Burrell, Harry: *See*—
Bowman, Philip I., Barth, and Burrell.

Burrell, Harry, Paramus, N. J., assignor, by mesne assignments, to Heyden Chemical Corporation, New York, N. Y. Cellulose ester composition containing a rosin ester, and preparing said rosin ester. 2,404,033; July 16.

Burrell, Helen H., administratrix: *See*—
Burrell, George T.

Burrell Technical Supply Company, assignee: *See*—
Burrell, Guy H., and Guild.

Burrill, Charles M., Princeton, N. J., assignor to Radio Corporation of America. Automatic tuning system for radio receivers. 2,408,370; Oct. 1.

Burrill, Lennard C., West Kirby, assignor to The Manganese Bronze and Brass Company Limited, London, England. Marine propeller planer. 2,397,917; Apr. 9.

Burroughs, Franklin: *See*—
Mueller, William P., and Burroughs.

Burroughs, Gordon S., Forest Hills, assignor to Federal Telephone and Radio Corporation, New York, N. Y. Direction finder. 2,406,798; Sept. 3.

Burroughs, Louis R., assignor to Electro-Voice Manufacturing Co., Inc., South Bend, Ind. Making diaphragm. 2,396,824; Mar. 19.

Burroughs, Louis R., assignor to Electro-Voice Manufacturing Co., Inc., South Bend, Ind. Diaphragm-engaging ring. 2,396,825; Mar. 19.

Burroughs Wellcome & Co. (U. S. A.) Inc., assignee: *See*—
Buck, Johannes S., and Reiner.
Fonda, Howard B.

Burrows, Lawton A.: *See*—
Davis, Clyde O., and Burrows.
Huston, Frederick P., Burrows, and Lawson.

Burrows, Lawton A., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Initiating explosive composition. 2,396,152; Mar. 5.

Burrows, Lawton A., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Treatment of mineral oils. 2,411,502; Nov. 26.

Burrows, Lawton A., Woodbury, N. J., and W. E. Lawson, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Blasting initiator. 2,402,235; June 18.

Burrows, Lawton A., Woodbury, and G. A. Noddin, Wenonah, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Smoke pot igniter. 2,403,907; July 16.

Burrows, Lawton A., Woodbury, N. J., and W. E. Lawson, Westover Hills, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Explosively blasting joints. 2,410,047; Oct. 29.

Burrows, Percy N., St. Albans, and N. R. Lockwood, Flushing, N. Y., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Test circuit. 2,397,406; Mar. 26.

Burrows, Robert J., and A. O. Williams, Battle Creek, assignors to Clark Equipment Company, Buchanan, Mich. Rail truck. 2,410,011; Oct. 29.

Burrows, Roscoe T., Mystic, Conn. Lawn mower sharpener. 2,410,568; Nov. 5.

Burrus, Robert E., assignor to Clark Equipment Company, Buchanan, Mich. Clutch mechanism. 2,396,985; Mar. 19.

Burry, Arthur A., Toronto, Ontario, Canada, assignor to C. Fuller. Plastic molding machine. 2,408,911; Oct. 8.

Burski, Anthony, Chicago, Ill. Magnifying glass attachment for lamps. 2,394,231; Feb. 5.

Burt, F. N., and Company, assignee: *See*—
Auerbach, Abraham.
Smith, William A. and W. W.

Burt, F. N., Company, Inc., assignee: *See*—
Nyden, Robert.
Smith, William A.

Burt, George H., Metairie, La., assignor to The Celotex Corporation, Chicago, Ill. Acoustical tile. 2,412,713; Dec. 17.

Burt, Guy H., assignee, et al.: *See*—
Dansereau, Charles E.

Burt, Harry M., assignee et al.: *See*—
Dansereau, Charles E.

Burtnett, Everett R.: *See*—
Bowen, Myron W., and Burtnett.

Burton, Bradley: *See*—
Boland, John V., and Burton.

Burton, Charles H., assignee: *See*—
Roseman, Reuben, and Eisenberg.

Burton-Dixie Corporation, assignee: *See*—
Havemann, Erik.

Burton, Edward F., Los Angeles, O. A. Wheelon, Pacific Palisades, and H. W. Adams, assignors to Douglas Aircraft Company, Incorporated, Santa Monica, Calif. Control surface boost device and gust dampener. Re. 22,728; Mar. 5.

Burton, Edward F., and J. A. Graves, Los Angeles, assignors to Douglas Aircraft Company, Inc., Santa Monica, Calif. Aircraft interior. 2,396,039; Mar. 5.

Burton, George E., Memphis, Tenn. Viewer for optical instruments. 2,401,224; May 28.

Burton, Robert A., assignor to The Automatic Hinge Co., High Point, N. C. Sofa bed. 2,392,309; Jan. 8.

Burwell, Blair, Grand Junction, Colo., assignor to United States Vanadium Corporation. Treatment of tungsten ores. 2,394,362; Feb. 5.

Burwick, Carl, & Company, assignee: *See*—
Burwick, Leo, and Springer.

Burwick, Leo, and J. J. Springer, Buffalo, N. Y., assignors to Carl Burwick & Company, a partnership composed of C. H., I., and L. Burwick. Bag cleaning machine. 2,398,356; Apr. 16.

Busacker, John W., Houston, Tex., assignor to the United States of America, as represented by the Secretary of Navy. Set back and centrifugal switch. 2,398,734; Apr. 16.

Busacker, John W., Houston, Tex., and J. A. Teresi, Pittsburgh, Pa., assignors to United States of America as represented by the Secretary of the Navy. Centrifugal switch. 2,395,248; Feb. 19.

Busch, Charles R., Orange, N. J., assignor to Buffalo Brake Beam Company, New York, N. Y. Combined brake beam and head therefor. 2,398,917; Apr. 23.

Busch, Charles R., Orange, N. J., assignor to Buffalo Brake Beam Company, New York, N. Y. Trussed brake beam and/or brake head. 2,398,918; Apr. 23.

Busch, Charles R., Orange, N. J., assignor to Buffalo Brake Beam Company, New York, N. Y. Trussed brake beam and/or brake head. 2,412,388; Dec. 10.

Bush, A. G., assignee: *See*—
Criner, Harry J.

Bush, Burton T., Incorporated, assignee: *See*—
Schwarzkopf, Otto.

Bush, George L.: *See*—
Leroy, Everett R., and Bush.

Bush, George L., Flushing, assignor to The Teleregister Corporation, New York, N. Y. Photoelectric transmitting typewriter apparatus. 2,408,754; Oct. 8.

Bush, Milton T., Nashville, Tenn., assignor to Mallinckrodt Chemical Works, St. Louis, Mo. Barbituric acid compositions. 2,408,289; Sept. 24.

Bush, Rankin J., Jeannette, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid operable control device. 2,413,287; Dec. 31.

Bush, Thomas R., McKenzie, Tenn. Toy. 2,399,983; May 7.

Bush, Vannevar, Jaffrey, N. H., and S. H. Caldwell, Belmont, Mass., assignors to Research Corporation, New York, N. Y. Apparatus for generating continuously variable mechanical operations. 2,397,467; Apr. 2.

Bush, William A., and E. A. Lasher, assignors to California Flaxseed Products Company, Los Angeles, Calif. Fatty oil desliming process. 2,410,926; Nov. 12.

Bushong, Robert J.: *See*—
Halby, Edwin G., and Bushong.

Busignies, Henri G.: *See*—
Chevigny, Georges P., and Busignies.
Deloraine, Edmond M., Busignies, and de Rosa.

Busignies, Henri G., Forest Hills, assignor to International Standard Electric Corporation, New York, N. Y. Radio receiving system. 2,393,971; Feb. 5.

Busignies, Henri G., Forest Hills, assignor to International Standard Electric Corporation, New York, N. Y. Radio direction finder. 2,403,967; July 16.

Busignies, Henri G., Forest Hills, assignor to International Standard Electric Corporation, New York, N. Y. Distortion corrective arrangement. 2,406,799; Sept. 3.

Busignies, Henri G., Forest Hills, assignor to International Standard Electric Corporation, New York, N. Y. Direction finder with filter. 2,406,800; Sept. 3.

Busignies, Henri G., Forest Hills, N. Y., assignor to Federal Telephone and Radio Corporation. Directive antenna. 2,407,250; Sept. 10.

Busignies, Henri G., Forest Hills, assignor to International Standard Electric Corporation, New York, N. Y. Electronic rotation direction finder. 2,408,039; Sept. 24.

Busignies, Henri G., Forest Hills, assignor to International Standard Electric Corporation, New York, N. Y. Distorting direction finder receiver. 2,408,040; Sept. 24.

Busignies, Henri G., Forest Hills, N. Y., assignor to Federal Telephone & Radio Corporation. Instantaneous visual direction finder. 2,408,041; Sept. 24.

Busignies, Henri G., Forest Hills, N. Y., assignor to Federal Telephone and Radio Corporation, Newark, N. J. Coupling amplifier. 2,411,517; Nov. 26.

Busignies, Henri G., Forest Hills, assignor to International Standard Electric Corporation, New York, N. Y. Electromagnetic wave transmission system. 2,411,518; Nov. 26.

Busignies, Henri G., Forest Hills, and S. B. Pickles, Jackson Heights, assignors to Federal Telephone and Radio Corporation, New York, N. Y. Radio beacon system. 2,397,531; Apr. 2.

Buss, Robert R., Palo Alto, Calif., assignor to International Standard Electric Corporation, New York, N. Y. Velocity modulation impulse generator. 2,402,364; June 18.

Busse, Edwin G., assignor to Chicago Railway Equipment Company, Chicago, Ill. Railway brake beam. 2,408,015; Sept. 24.

Bussey, Samuel T., U. S. Navy. Torpedo depth control system. 2,397,946; Apr. 9.

Bussey, William H., Chicago, assignor, by mesne assignments, to O. W. Storey, Wheaton, Ill., as trustee for the partnership of O. W. Storey & Associates. Electrical apparatus. 2,407,363; Sept. 10.

Bussiere, George E.: *See*—
Chapman, James E., and Bussiere.

Butcher, Alfred, assignor to Gulf Oil Corporation, Pittsburgh, Pa. Apparatus for the clarification of liquids. 2,407,947; Sept. 17.

Butcher, Edward R., Harmarville, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Dust preventive composition. 2,399,464; Apr. 30.

Butcher, Edward R., Harmarville, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Dust preventive composition. 2,399,465; Apr. 30.

Butcher, William T., and A. Lloyd, Greenford, assignors to Goodlass Wall & Lead Industries Limited, Oxted, England. Extruded pipe made from lead alloys. 2,409,540; Oct. 15.

Butchko, Paul S., Lorain, assignor, by mesne assignments, to Jack & Heintz, Inc., Cleveland, Ohio. Adjustment finger for tool grinders. 2,395,249; Feb. 19.

Butement, William A. S., and A. J. H. Oxford, London, England. Multiplex pulse modulation system. 2,403,210; July 2.

Bütenandt, Adolph: *See*—
Oberdörffer, Manfred, Bütenandt, Schmidt-Thomé, and Maier-Hüser.

Butler, Adolf G., Hawthorne, assignor to American Pipe and Construction Co., Southgate, Calif. Pipe lining machine. 2,399,321; Apr. 30.

Butler, Bernard J., San Francisco, Calif., assignor to Maui Pineapple Company, Ltd., Honolulu, Territory of Hawaii. Method and apparatus for loading and storing pineapples. 2,406,992; Sept. 3.

Butler, Edgar M., New Orleans, La. Making self-energizing electrolytic water correction devices. 2,397,918; Apr. 9.

Butler, Fabius M., Seattle, Wash. Artificial tooth. 2,397,407; Mar. 26.

Butler, George B.: *See*—
Bruson, Herman A., and Butler.

Butler, Gordon C., Ottawa, Ontario, E. Lozinski, Westmount, Quebec, and A. D. Odell, Suffield, Alberta, Canada. Preparation of new sulphonamide derivatives. 2,410,772; Nov. 5.

Butler, Harold G., Oxford, assignor to Harris and Sheldon Limited, Birmingham, and Joseph Sankey & Sons Limited, Bilston, Staffordshire, England. Positioning drawing-layout tables. 2,403,338; July 2.

Butler, Henry J., Sutton Coldfield, England, assignor to Dunlop Rubber Company Limited, London, England. Brake apparatus. 2,392,225; Jan. 1.

Butler, Henry J., Sutton Coldfield, assignor to Dunlop Rubber Company, Limited, London County, England. Wheel equipment. 2,394,290; Feb. 5.

Butler, Henry J., Sutton Coldfield, assignor to Dunlop Rubber Company Limited, London, England. Brake mechanism. 2,396,153; Mar. 5.

Butler, Howard C., Port Huron, Mich., assignor to Morton Salt Company, Chicago, Ill. Rotary filter and final scraper therefor. 2,395,098; Feb. 19.

Butler, Jacob C., Milford, Del. Splint. 2,397,648; Apr. 2.

Butler, Kenneth E., Reedley, Calif. Automatic auxiliary plow. 2,402,365; June 18.

Butler, Robert G., Jr., Middleboro, Mass., and J. W. Moseman, Jr., Bethesda, Md. Fuse. 2,396,245; Mar. 12.

Butler, Seth E., Union City, assignor to Federal Telephone and Radio Corporation, Newark, N. J. Dial. 2,408,042; Sept. 24.

Butler, William H., Bloomfield, N. J., assignor to Bakelite Corporation, New York, N. Y. Ester resin compositions. 2,397,240; Mar. 26.

Butler, William L., Schenectady, N. Y., assignor to General Electric Company. Electric switch. 2,409,472; Oct. 15.

Butler, William M., assignor of one-third to W. A. Jenkins, Clarksdale, Miss. Apparatus for heating and vaporizing liquid. 2,402,871; June 25.

Butt, Charles A., East Point, A. O. Hallman, Augusta, C. L. Bowden, East Point, Ga., and E. P. Whitlow and P. P. Pace, Austin, Tex., assignors to International Minerals & Chemical Corporation. Production of magnesium chloride from serpentine. 2,398,493; Apr. 16.

Butt, Herbert G., Winthrop, Mass. Pipe vise. 2,405,288; Aug. 6.

Butterbaugh, Darrel J., Philadelphia, and Le R. U. Spence, Elkins Park, assignors to Röhm & Haas Company, Philadelphia, Pa. Preparation of unsaturated nitriles. 2,407,472; Sept. 10.

Butterfield, John P., assignor to Chrysler Corporation, Highland Park, Mich. Releasable pin. 2,405,400; Aug. 6.

Butterfield, John P., assignor to Chrysler Corporation, Highland Park, Mich. Fastening device. 2,411,364; Nov. 19.

Butterfield, John P., Highland Park, D. M. Borden, Royal Oak, and P. R. Vogt, assignors to Chrysler Corporation, Highland Park, Mich. Power plant mounting and method. 2,393,141; Jan. 15.

Butterfield, John V.: *See*—
Burgert, Harold E., and Butterfield.

Butterfield, Joseph T., Summit, N. J., H. M. Knapp, Flushing, N. Y., and B. F. Runyon, Basking Ridge, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wiper contact for electrical devices. 2,407,650; Sept. 17.

Butterworth, Harry W., Jr., Chestnut Hill, Pa., and W. B. Heinz, Bound Brook, N. J. Tension regulating mechanism for differential drives. 2,392,226; Jan. 1.

Buttery, Kenneth T., assignor to Sutherland Paper Company, Kalamazoo, Mich. Carton or container. 2,403,047; July 2.

Buttery, Kenneth T., assignor to Sutherland Paper Company, Kalamazoo, Mich. Dispensing box or container. 2,407,919; Sept. 17.

Buttner, Horace J., Indianapolis, Ind., assignor to General Motors Corporation, Detroit, Mich. Sealed doors. 2,406,942; Sept. 3.

Buttner, William C., Winnetka, assignor to The Bastian Blessing Co., Chicago, Ill. Fitting. 2,408,912; Oct. 8.

Buttner, William C., Winnetka, and S. L. Sundstrom, assignors to The Bastian Blessing Co., Chicago, Ill. Liquefied petroleum gas equipment. 2,405,998; Aug. 20.

Button, Bland B., Jr.: *See*—
Janota, Joseph, Jr., and Button.

Button, Bland B., Jr., Chicago, and J. Janota, Jr., Crete, Ill., assignors to The Diversey Corporation. Aluminum treating composition. 2,398,078; Apr. 9.

Butts, Richard R., Miamisburg, assignor to F. B. Yingling, Hamilton, Ohio. Pressure fluid driven tool. 2,413,542; Dec. 31.

Butz, Lewis W., Beltsville, Md., assignor to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Nonbenzenoid compounds. 2,391,943; Jan. 1.

Butz, Lewis W., Beltsville, Md., assignor to the United States of America, as represented by the Secretary of Agriculture. Nonbenzenoid compounds. 2,405,540; Aug. 6.

Butzbach, Orville K., assignor to The Studebaker Corporation, South Bend, Ind. Transmission. 2,405,135; Aug. 6.

Buxton, Dickson R.: *See*—
Groven, Thor, and Buxton.

Buxton, James E.: *See*—
Whitney, Maurice P., Buxton, and Miller.

Buxton, James E., Elmira, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine starter gearing. 2,394,531; Feb. 12.

Buxton, James E., Elmira, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Starter for internal-combustion engines. 2,396,986; Mar. 19.

Buxton, James E., Elmira, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine starter gearing. 2,407,132; Sept. 3.

Buxton, Loran O.: *See*—
Dryden, Charles E., and Buxton.

Buxton, Loran O., Belleville, assignor to National Oil Products Company, Harrison, N. J. Treating fat-soluble vitamin-bearing materials. 2,396,679; Mar. 19.

Buxton, Loran O., Belleville, assignor to National Oil Products Company, Harrison, N. J. Natural anti-oxidants. 2,396,680; Mar. 19.

Buxton, Loran O., Belleville, assignor to National Oil Products Company, Harrison, N. J. Butter product and producing the same. 2,404,034; July 16.

Buxton, Loran O., Maplewood, assignor to National Oil Products Company, Harrison, N. J. Producing natural anti-oxidants. 2,396,681; Mar. 19.

Buxton, Loran O., Maplewood, assignor to National Oil Products Company, Harrison, N. J. Butter extract. 2,404,035; July 16.

Buxton, Loran O., Maplewood, assignor to National Oil Products Company, Harrison, N. J. Production of butter extract. 2,404,036; July 16.

Buxton, Loran O., Maplewood, assignor to National Oil Products Company, Harrison, N. J. Extracting butter. 2,404,037; July 16.

Buxton, Loran O., Newark, assignor to National Oil Products Company, Harrison, N. J. Purification of unsaponifiable fractions of fats or oils. 2,400,101; May 14.

Buxton, Loran O., Newark, assignor to National Oil Products Company, Harrison, N. J. Fat-soluble vitamin fractionation. 2,404,618; July 23.

Buxton, Loran O., Newark, assignor to National Oil Products Company, Harrison, N. J. Producing vitamin concentrates. 2,412,766; Dec. 17.

Buxton, Loran O., East Orange, assignor to National Oil Products Company, Harrison, N. J. Concentration of fat-soluble vitamins. 2,412,561; Dec. 17.

Buxton, Loran O., Newark, and H. J. Konen, East Orange, assignors to National Oil Products Company, Harrison, N. J. Stable vitamin containing products. 2,401,293; June 4.

Byard Manufacturing Company, Limited, assignee: *See*— Hunter, Albert E., and Topott.

Byck, Jacques, New York, N. Y. Ornamental card mounting or the like. 2,394,980; Feb. 19.

Byer, Henry E., Bernardsville, N. J. Countercurrent condenser. 2,408,290; Sept. 24.

Byerlay, Henry L., Marblehead, Mass., assignor to Sylvania Electric Products, Inc., Salem, Mass. Starting apparatus for discharge lamps. 2,392,282; Jan. 1.

Byerlein, Arthur A., Detroit, Mich., assignor to General Machinery Corporation, Hamilton, Ohio. Press. 2,403,339; July 2.

Byers, Harold E.: *See*— Harrison, John H., and Byers.

Byers, John R., Jr.: *See*— Towne, Edmund B., Dickey, and Byers.

Byers, William B., Kansas City, Mo. Making insulating blankets. 2,406,801; Sept. 3.

Bynoe, Russell E., Brooklyn, N. Y. Hose coupling unit. 2,394,363; Feb. 5.

Byrket, Otis C., Richmond, Ind. Garment hanger. 2,409,927; Oct. 22.

Byrkit, George D.: *See*— Lincoln, Bert H.

Byrkit, Gordon D., Niagara Falls, N. Y., assignor, by mesne assignments, to The Lubri-Zol Development Corporation, Cleveland, Ohio. Lubricating composition. 2,395,457; Feb. 26.

Byrne, Brian J.: *See*— Clarke, Lionel W. W., and Byrne.

Byrne, John E., Dallas, Tex. Metal structure. 2,399,202; Apr. 30.

Byrnes, James C., U. S. Navy, E. C. Moriarty, Washington, D. C., and J. C. Darnall, Hyattsville, Md. Bomb fuse. 2,400,100; May 14.

Byrns, Alva C., Oakland, assignor to Union Oil Company of California, Los Angeles, Calif. Secondary recovery. 2,392,971; Jan. 15.

Byrns, Alva C., Oakland, assignor to Union Oil Company of California, Los Angeles, Calif. The catalytic reforming of hydrocarbon mixtures. 2,393,288; Jan. 22.

Byrns, Alva C., Oakland, Calif., assignor, by mesne assignments, to The Permanente Metals Corporation. Production of magnesium-containing mixtures. 2,399,096; Apr. 23.

Byrns, Alva C., assignor to Union Oil Company of California, Los Angeles, Calif. Catalytic desulphurization. 2,398,919; Apr. 23.

Byrns, Alva C., Los Altos, assignor to The Permanente Metals Corporation, Oakland, Calif. Carbothermic magnesia. 2,410,267; Oct. 29.

Byron, Eve, South Gate, Calif. Hair pin spreader. 2,406,060; Aug. 20.

Byron, Eve, South Gate, Calif. Eyelash curler. 2,411,519; Nov. 26.

Byron Jackson Co., assignee: *See*— Blom, Carl J. Elliott, Raymond D.

Byrum, Charles F.: *See*— Edwards, Martin A., and Byrum.

Bywater, William G., assignee: *See*— Cheney, Lee C., and Bywater.

C. B. Equipment Co., assignee: *See*— Harbers, Henry C. Williams, Harrison J.

Cabot, Godfrey L., Inc., assignee: *See*— Amon, Fred H. Goldfinger, George. Sherwood, Thomas K.

Cacarillo, Anthony J., assignor to Parker Manufacturing Company, Worcester, Mass. Crossed-lever tool. 2,392,118; Jan. 1.

Cade, John W.: *See*— Sturgess, John, Cade, and Savitz.

Cadella, Anthony, Fairfield, Conn. Internal-combustion engine. 2,393,749; Jan. 29.

Cadman, Arthur H., Orange, assignor to Breeze Corporations, Inc., Newark, N. J. Clamp for flexible conduit attaching nuts. 2,400,338; May 14.

Cadot, Henry M.: *See*— Sharkey, William H., Cadot, and Clark.

Cadwell, Charles A., assignor to The Electric Railway Improvement Company, Cleveland, Ohio. Exothermic reaction charge. 2,398,768; Apr. 23.

Cadwell, Charles A., assignor to The Electric Railway Improvement Company, Cleveland, Ohio. Rail bonding apparatus. 2,401,048; May 28.

Cadwell, Charles A., assignor to The Electric Railway Improvement Company, Cleveland, Ohio. Welding material and process. 2,408,291; Sept. 24.

Caesar, George V., Staten Island, assignor to Stein, Hall & Company, Inc., New York, N. Y. Nitration. 2,406,287; May 14.

Caesar, George V., Staten Island, and M. Goldfrank, assignors to Stein, Hall & Company, Inc., New York, N. Y. Nitrating amines. 2,398,080; Apr. 9.

Caesar, George V., Staten Island, and M. Goldfrank, assignors to Stein, Hall & Company, Inc., New York, N. Y. Making dinitroethyleneurea. 2,400,288; May 14.

Caesar, Julius, Humboldt, Tenn. Baseball game. 2,412,714; Dec. 17.

Caesar, Philip D., Wenonah, and A. N. Sachanen, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Production of anthraquinone. 2,401,225; May 28.

Cafagno, Joe, Marion, Ohio. Work gauge and receiver. 2,392,363; Jan. 8.

Caffrey, Joseph L., Malden, Mass. Folding seat. 2,418,168; Dec. 24.

Cage, John M., assignor to Sturdy-Cage Projects, Inc., Los Angeles, Calif. Invisible ray vision system. 2,395,099; Feb. 19.

Caban, Alvin M., New York, N. Y. Respiration apparatus. 2,391,877; Jan. 1.

Cahen, Paul, Rio de Janeiro, Brazil. Burr remover. 2,411,985; Dec. 3.

Cahenzli, Martin T., Jr., assignor to The Harry Alter Company, Chicago, Ill. Combination receiver and dehydrator. 2,409,928; Oct. 22.

Cahill, Arthur T., Weehawken, N. J. Picture projection apparatus for stills and for moving pictures. 2,413,288; Dec. 31.

Cahill, Harold D., Scarsdale, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Latching mechanism. 2,408,755; Oct. 8.

Cahill, Lysle D.: *See*— Heintz, Ralph M., Steigerwald, and Cahill.

Cahill, Lysle D., Shaker Heights, J. J. Neff, South Euclid, and F. A. Frampton, Garfield Heights, assignors, by mesne assignments, to Jack & Heintz Precision Industries, Inc., Cleveland, Ohio. Dynamic clutch torque recorder. 2,401,907; June 11.

Cail, George W., Lafayette, Calif. Stepladder. 2,397,468; Apr. 2.

Caimi, Joseph D., Everett, Mass. Paper display carton with transparent window. 2,409,736; Oct. 22.

Cain, John J., Jr., Youngstown, Ohio. Open-hearth furnace repair unit. 2,408,016; Sept. 24.

Cain, Sidney R., Henley-on-Thames, England. Remote control of fluid pressure actuated apparatus. 2,407,812; Sept. 17.

Cairns, John E. L., Chalfont-St. Peter, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Electron discharge device employing hollow resonators. 2,407,607; Sept. 10.

Cairns, Theodore Le Sueur, assignor to E. I. de Pont de Nemours & Company, Wilmington, Del. Polyamides and obtaining them. 2,393,972; Feb. 5.

Calabrese, Conlonel C., Webster Groves, Mo., and J. S. Herold, Greenwich, Conn. Fire hose reel. 2,408,043; Sept. 24.

Calafiore, Charles T., Baltimore, Md. Dispensing and spreading support for hairpins and the like. 2,402,236; June 18.

Calaman, Anthony J., Oswego, N. Y. Tool retainer. 2,406,132; Aug. 20.

Calcium Carbonate Company, assignee: *See*— McHan, Brack B.

Calcott, William S., Woodstown, N. J., and H. W. Starkweather, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Continuous process for preparing dispersions of polymerised elastogenic dienes. 2,394,291; Feb. 5.

Calcott, William S., Woodstown, N. J., and G. E. Holbrook and S. G. Turnbull, Jr., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Obtaining provitamin D. 2,406,133; Aug. 20.

Caldbeck, Charles J., Bradford, assignor to The English Electric Company Limited, London, England. Electric motor control system. 2,403,048; July 2.

Calder, Archibald, North Brighton, near Melbourne, Victoria, Australia. Folding bed or camp stretcher. 2,394,981; Feb. 19.

Calder, Douglas S., and K. B. Fleer, assignors to Forest Products Chemical Company, Memphis, Tenn. Recovery of diketones and related products from technical liquors containing diketones. 2,401,335; June 4.

Calder, Douglas S., and K. B. Fleer, assignors to Forest Products Chemical Company, Memphis, Tenn. Manufacture of ketols and other derivatives of 1,2-diketones. 2,401,336; June 4.

Calder, Leonard C.: *See*— Crever, Frederick E., and Calder.

Caldes, Constantine A., Jersey City, N. J. Circular loom. 2,408,732; Oct. 8.

Caldwell, Claude P.: *See*— Statham, Thomas R., Koenig, and Caldwell.

Caldwell, Frank W., West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Engine cooling and charging apparatus. 2,407,223; Sept. 10.

Caldwell, Frank W., and E. Martin, West Hartford, Conn., and E. E. Vincent, Springfield, Mass., assignors to United Aircraft Corporation, East Hartford, Conn. Pitch changing mechanism. 2,392,364; Jan. 8.

Caldwell, Harry J.: *See*— Seborg, Earnest Y., Caldwell, and Manning.

Caldwell, John R., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Stabilization of zein solutions. 2,397,919; Apr. 9.

Caldwell, Lyle, Los Angeles, Calif. Method and apparatus for the gaseous reduction of iron oxide in suspension. 2,399,084; May 7.

Caldwell, Samuel H.: *See*— Bush, Vannevar, and Caldwell.

Calfee, John D.: *See*— Kraus, Charles A., and Calfee.

Calgon Inc., assignee: *See*— Taylor, Ambrose G.

Calhoun, Evan A., Jesup, Iowa. Hitch. 2,412,672; Dec. 17.

Calhoun, James C., New Haven, and W. L. Davidson, Westport, Conn., and K. J. Hansen, Forest Hills, N. Y., assignors to Olin Industries, Inc. Merchandising device. 2,401,908; June 11.

Calhoun, John M.: *See*— Swan, Donald R., and Calhoun.

Calico Printers' Association Limited, The, assignee: *See*— Burawoy, Abraham.

California Central Fibre Corporation, assignee: *See*— Kaiser, Karl.

California Flaxseed Products Company, assignee: *See*— Bush, William A., and Lasher.

California Fruit Growers Exchange, assignee: *See*— Higby, Ralph H.

California Institute Research Foundation, assignee: *See*— Nemeyer, Roland O. Shaffer, Philip A., Jr. Yuan, Luke Chia-Liu, and Miller.

California Packing Corporation, assignee: *See*— Richardson, Alan C. Russell, Clyde D.

California Research Corporation, assignee: *See*— Batchedler, Augustus H., and Rollins. Cardwell, William T., Jr. Claussen, William H., and Powell. Cunningham, John R. Denison, George H., Jr., and Condit. Eldredge, Kenneth R., and Davis. Miller, Robert J., and Rutherford.

California Spray-Chemical Corporation, assignee: *See*— Hansen, James W., and Cassil.

Calig, George L., assignee: *See*— Jansson, Arvid.

Callahan, Charles F., Memphis, Tenn. Cotton chopper. 2,412,715; Dec. 17.

Callahan, Thomas L., and J. Weaver, Richmond, Ind., assignors to International Harvester Company. Bearing and seal construction. 2,410,927; Nov. 12.

Callan, William D., Norwood, Ohio, assignor to The Philip Carey Manufacturing Company. Air conduit. 2,396,826; Mar. 19.

Callaway Mills, assignee: *See*— Daughdrill, James H., and Jessen. Parker, Samuel P.

Callender, Edwin M., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Voltage compensator. 2,393,884; Jan. 29.

Callender, Edwin M., assignor to The Budd Company, Philadelphia, Pa. Electronic timing device. 2,409,473; Oct. 15.

Callender's Cable & Construction Co., Ltd., assignee: *See*— Hamilton, George M. Urmston, James.

Calleson, Amos, and E. A. Calleson, Merrick, N. Y., assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Cupping press. 2,411,503; Nov. 26.

Calleson, Edgar A.: *See*— Calleson, Amos, and E. A.

Callinan, Thomas D., Pittsfield, Mass., assignor to General Electric Company. Mineral products and method of preparation. 2,394,040; Feb. 5.

Callis, Conral C., Lancaster Township, Lancaster County, assignor to Armstrong Cork Company, Lancaster, Pa. Heat insulation block. 2,396,246; Mar. 12.

Caloric Gas Stove Works, assignee: *See*— Klein, Gustav.

Calpat Corporation, The, assignee: *See*— Bodine, Albert G., Jr.

Calumet and Hecla Consolidated Copper Company, assignee: *See*— Hill, Walter P.

Calvert, John W., Washington, D. C. Teller cage construction unit. 2,401,226; May 28.

Calvert, William C., Chicago, Ill., assignor to Wingfoot Corporation, Wilmington, Del. Compounding rubber hydrohalides, etc. 2,411,839; Nov. 26.

Calvert, William C., Gary, Ind., assignor to Wingfoot Corporation, Wilmington, Del., and Akron, Ohio. Compounding rubber hydrohalides, etc. 2,411,840; Nov. 26.

Calvert, William C., Gary, Ind., assignor to Wingfoot Corporation, Wilmington, Del., and Akron, Ohio. Compounding rubber hydrohalides, etc. 2,411,841; Nov. 26.

Camelford, James A.: *See*— Dunmire, Russell P., and Camelford.

Cameron, Allan M., River Forest, assignor to Cameron Can Machinery Co., Chicago, Ill. Double seamer. 2,399,203; Apr. 30.

Cameron Can Machinery Co., assignee: *See*— Cameron, Allan M.

Cameron Can Machinery Company, assignee: *See*— Simpson, Justin.

Cameron, Daniel D., San Francisco, Calif. Newspaper vending machine. 2,396,411; Mar. 12.

Cameron, Hugh J., Gary, assignor to E. F. Seifert, Chestertown, Ind. Manufacture of elastic composition suitable for electrical cable insulation. 2,406,191; Aug. 20.

Cameron Iron Works, assignee: *See*— Allen, Herbert, and Bean. Bean, Rurie N.

Cameron, John C. A., Washington, D. C. Automobile luggage carrier. 2,409,103; Oct. 8.

Cameron, Joseph A., Los Angeles, Calif. Tool grinding machine. 2,406,134; Aug. 20.

Cameron, William J., Chicago, Ill. Camera. 2,400,483; May 21.

Cameron, William S., Port Clinton, Ohio, assignor to The Standard Products Company, Detroit, Mich. Glass run channel. 2,399,204; Apr. 30.

Camerota, Louis A., Burlington, assignor to Florence Pipe Foundry & Machine Company, Florence, N. J. Control system for hydraulic presses. 2,392,644; Jan. 8.

Cametti, Benjamin: *See*— Rushing, Frank C., Werner, and Cametti.

Camilli, Guglielmo, Pittsfield, Mass., assignor to General Electric Company. Electrical apparatus. 2,402,366; June 18.

Camilli, Guglielmo, Pittsfield, Mass., assignor to General Electric Company. Insulated conducting member and applying the insulation. 2,403,340; July 2.

Camloc Fastener Corporation, assignee: *See*— Allen, Rex W. Eisele, Karl. Summers, J. Mills.

Cammack, Loretta A., assignee: *See*— Kehoe, Joseph J.

Camp, Elza Q.: *See*— Walsh, David C., Jr., and Camp.

Camp, Elza Q., Goose Creek, and D. C. Walsh, Jr., Wooster, Tex., assignors to Standard Oil Development Company. Removal of organic acids from cracked naphtha. 2,394,662; Feb. 12.

Camp Manufacturing Company, Inc., assignee: *See*— Jennings, William H.

Camp, Percy B., Maywood, and H. E. Bartsch, Chicago, Ill., assignors to Universal Railway Devices Company. Hand brake. 2,395,779; Feb. 26.

Camp, Thomas P., Arlington Heights, assignor to United States Gypsum Company, Chicago, Ill. Gypsum composition. Re. 22,816; Dec. 10.

Camp, William W., Crown Point, Ind. Bearing assembly. 2,392,807; Jan. 15.

Campana, Sam A., San Francisco, Calif. Can cooler loading machine. 2,400,484; May 21.

Campbell, Argyle, assignor to Enterprise Railway Equipment Company, Chicago, Ill. Draft mechanism for railway cars. 2,408,195; Sept. 24.

Campbell, Argyle, assignor to Enterprise Railway Equipment Company, Chicago, Ill. Roof hatch for railway cars. 2,408,733; Oct. 8.

Campbell, Bernard J., and M. Hilton, assignors to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Making electrical strain gauges. 2,401,049; May 28.

Campbell, Blanche E., assignee, et al.: *See*— Campbell, Charles A.

Campbell, Charles A., Jr., assignee, et al.: *See*— Campbell, Charles A.

Campbell, Charles A., Detroit, assignor of thirty-five per cent to B. E. Campbell, five per cent to R. B. Fossee, five per cent to J. M. Ballew, and five per cent to C. A. Campbell, Jr., Pointe, Mich. Cleaning process. 2,399,205; Apr. 30.

Campbell, Charles T., assignee: *See*—
Campbell, James A.

Campbell, Chester W., Anderson, Ind., and B. G. Chamberlain, Bellefontaine, Ohio. Wayside actuable signal system. 2,400,740; May 21.

Campbell, Donald L.: *See*—
Schonberg, Jackson R., and Campbell.

Campbell, Donald L., Short Hills, N. J., assignor to Standard Oil Development Company. Chemical process. 2,410,048; Oct. 29.

Campbell, Edmund D., assignor to American Car and Foundry Company, New York, N. Y. Combined sill brace and draft gear stop. 2,401,137; May 28.

Campbell, Frank L.: *See*—
Fernelius, Willis C., and Campbell.

Campbell, Frank L., Rockville, Md., and W. C. Fernelius, Dayton, Ohio. Fumigant. 2,413,405; Dec. 31.

Campbell, G. G., assignee, et al.: *See*—
Sells, Gale, Johnson, and Black.

Campbell, Gladys M., Mamaroneck, N. Y. Fingertip guard. 2,396,154; Mar. 5.

Campbell, Harris S., Bryn Athyn, assignor to Autogiro Company of America, Philadelphia, Pa. Control system for rotative winged aircraft. 2,405,188; Aug. 6.

Campbell, Harry C., Toledo, Ohio. Folding horse. 2,412,716; Dec. 17.

Campbell, Harry L., Wilmette, Ill. Hoist attachment for ladders. 2,394,148; Feb. 5.

Campbell, James A., assignor of one-half to C. T. Campbell, Adrian, Mich. Chair. 2,405,013; July 30.

Campbell, James R., Laguna Beach, assignor to P. Henry, Los Angeles, Calif. Snap acting control device. 2,394,747; Feb. 12.

Campbell, James R., Columbus, Ohio, assignor to Curtiss-Wright Corporation. Antenna mast. 2,398,357; Apr. 16.

Campbell, James T., Detroit, Mich. Lithographic plate-making apparatus. 2,412,317; Dec. 10.

Campbell, John F., Detroit, Mich., assignor to G. M. and E. Holley. Fuel injection system. 2,412,316; Dec. 10.

Campbell, John M., assignor to General Motors Corporation, Detroit, Mich. Treatment of fuels employed in Diesel engines and furnace oil burners. 2,400,915; May 28.

Campbell, John M., assignor to General Motors Corporation, Detroit, Mich. Fuel. 2,405,560; Aug. 13.

Campbell, Kenneth, Ridgewood, and J. E. Talbert, Glen Rock, N. J., assignors to Wright Aeronautical Corporation. Centrifugal compressor. 2,399,852; May 7.

Campbell, Lee, Hackensack, N. J. Stringer tape for slide fasteners. 2,396,912; Mar. 19.

Campbell, Lester: *See*—
Cotchett, Louis M., Campbell, and Stange.
Cotchett, Louis M., Campbell, Stange, and Arterton.

Campbell, Lyman L.: *See*—
Hodson, George F., and Campbell.

Campbell, Neil M., assignor to American Allsafe Company, Inc., Buffalo, N. Y. Making composite bands. 2,403,786; July 9.

Campbell, Robert G., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Aerodynamic brake. 2,400,388; May 14.

Campbell, Rodney B., Van Nuys, Calif. Piston brake valve. 2,404,122; July 16.

Campbell, Thomas D., Hardin, Mont. Endless track for vehicles. 2,412,122; Dec. 3.

Campbell, William G., assignee, et al.: *See*—
Booharin, Leo Y.

Campion, Donald C., Detroit, Mich. Hearth. 2,401,227; May 28.

Campodonico, John J., Stockton, Calif. Multispeed gear transmission. 2,396,456; Mar. 12.

Campos, Adolph, Clifton, N. J. Pocket case. 2,400,289; May 14.

Camras, Marvin, assignor to Armour Research Foundation, Chicago, Ill. Wire reel and holding means. 2,397,087; Mar. 26.

Camras, Marvin, assignor to Armour Research Foundation, Chicago, Ill. Neon lamp volume indicator. 2,411,848; Dec. 3.

Camras, Marvin, assignor to Armour Research Foundation, Chicago, Ill. Magnetic recorder head. 2,411,849; Dec. 3.

Camras, Marvin, assignor to Armour Research Foundation, Chicago, Ill. Safety drive, braking, and control mechanism for magnetic recording devices. 2,412,318; Dec. 10.

Canadian Bridge Company Limited, The, assignee: *See*—
Goodrich, Chauncey M.

Canadian Copper Refiners, Limited, assignee: *See*—
Clark, Charles W., and Elkin.
Clark, Charles W., Elkin, and Waitkins.

Canadian Radium & Uranium Corporation, assignee: *See*—
Feuer, Irving, and Goldstein.
Goldstein, Ladislas, and Perrin.
Rosenblum, Solomon.

Canadian Refractories Limited, assignee: *See*—
Perry, John S. C., and Prince.

Canady, Don, Cleveland, assignor to Dayton Acme Co., Cincinnati, Ohio. Motion picture apparatus. 2,410,711; Nov. 5.

Canal National Bank of Portland, The, trustee: *See*—
Sawyer, Edward E.

Canavan, John P., Neenah, Wis. Nonchafing catamenial pad. 2,408,508; Oct. 1.

Canfield, Robert W.: *See*—
Wiley, Fred E., Canfield, Jesionowski, and Bailey.

Cangemi, Salvatore, Brooklyn, N. Y. Shoe construction. 2,404,214; July 16.

Cann, Edward: *See*—
Kann, Eduard.

Cannon, Charles H., Jr.: *See*—
Griswold, Gale, and Cannon.

Cannon, Earl, Rockville Centre, assignor to E. W. Bliss Company, Brooklyn, N. Y. Apparatus for controlling the slide movement in long-bed hydraulic presses. 2,405,640; Aug. 13.

Cannon, Earl, Rockville Centre, assignor to E. W. Bliss Company, Brooklyn, N. Y. Control for hydraulic presses. 2,410,712; Nov. 5.

Cannon, Edward J., Dunbar, and H. A. Stuewe, South Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation. Separation of butadiene. 2,409,250; Oct. 15.

Cannon, Frank J., Millbrae, and G. E. Goodwin, San Anselmo, Calif., assignors to American Telephone and Telegraph Company. Apparatus for testing telephone lines. 2,397,837; Apr. 2.

Canter, Ralph, and H. D. Geyer, Dayton, Ohio, assignors, to General Motors Corporation, Detroit, Mich. Water repellant coating material. 2,404,431; July 23.

Cantley, Joseph C., Beverly, and A. F. Pym, deceased, Topsfield, by G. H. Heyn, administrator, Swampscott, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J. Automatic firearm. 2,409,251; Oct. 15.

Cantrall, Forrest L., Benicia, and J. A. Carlisle, San Rafael, Calif. Brickmaking machine. 2,402,367; June 18.

Cantrall, Forrest L., Benicia, and J. A. Carlisle, San Rafael, Calif. Mold turnover mechanism. 2,402,368; June 18.

Cantrell, Cyrus D., Jr., Bartlesville, Okla., assignor to Phillips Petroleum Company. Sampling apparatus. 2,406,192; Aug. 20.

Cantrell, Frank J., assignor of 49 per cent to Eleanor J. Koch, San Francisco, Calif. Window jack. 2,405,685; Aug. 13.

Cantrell, Troy L.: *See*—
Smith, Herschel G., and Cantrell.
Smith, Herschel G., Cantrell, and Peters.

Capanoli, David M., Hibbing, Minn., now by judicial change of name D. M. Cappan. Cowling for airplanes. 2,408,371; Oct. 1.

Caparone, Michael J., Pasadena, assignor to Grayson Heat Control, Ltd., Lynwood, Calif. Snap action mechanism. 2,405,014; July 30.

Cape, Arthur T., Columbus, assignor to Coast Metals, Inc., Canton, Ohio. Treating molten metals. 2,395,458; Feb. 26.

Cape, Arthur T., Columbus, assignor to Coast Metals, Inc., Canton, Ohio. Structural element. 2,396,552; Mar. 12.

Capen, William H., Mountain Lakes, N. J., assignor to International Standard Electric Corporation, New York, N. Y. Radio locating system. 2,411,520; Nov. 26.

Caperton, A. H., assignee, et al.: *See*—
Donaldson, Jefferson R.

Capita, Emil R., North Bergen, N. J. Airplane hangar. 2,411,316; Nov. 19.

Capital Machine and Welding Works: *See*—
Kline, Theodore S., and Rogers.

Caplan, Solomon: *See*—
Harvey, Mortimer T., and Caplan.

Cappan, David M.: *See*—
Capanoli, David M.

Cappel, MacDonald & Company, assignee: *See*—
Owen, Dale.

Caracciati, Virginius Z.: *See*—
Kreisinger, Henry, and Caracristi.

Caratozzolo, Dominick B., Bronx, N. Y. Shoe. 2,411,850; Dec. 3.

Caraway, John B., Cambridge, Mass., assignor to Evansville on the Air, Inc., Evansville, Ind. Electric distribution system. 2,393,218; Jan. 15.

Carbide and Carbon Chemicals Corp., assignee: *See*—
Boese, Albert B., Jr., and Young.
Cannon, Edward J., and Stuewe.
Carruthers, Thomas F.
Cox, Henry L.
Francisco, Damon E.
Goodman, Henry G., Jr.
Groff, Frazier.
Hitchcock, Melville E., and Field.
Johnston, Franklin, and Newton.
Kinsey, Hartselle D., Kelly, and Ferrara.
Marsh, Jay L., and Hitchcock.
Murray, Irvin L., Marsh, and Smith.
Powell, George M., III.

Carbide and Carbon Chemicals Corp., assignee: *See*—Continued
Price, John R.
Quarles, Richard W.
Quattlebaum, William M., Jr., and Noffsinger.
Quattlebaum, William M., Jr., and Toussaint.
Reeder, William H., III, and Lescisin.
Schuh, Charles H.
Shriver, Leland C.
Staff, Charles E.
Stoops, William N., and Wilson.
Wassell, Helen E.
Wilkes, Benjamin G.

Carboloy Company, Inc., assignee: *See*—
Duncan, Hershel B.
Taylor, George F.

Carbon Systems, Inc., assignee: *See*—
Brisendine, Guy F.

Carborundum Company, assignee: *See*—
Prentice, James A.

Carborundum Company, The, assignee: *See*—
Buell, Halsey W.
Goepfer, George J., and Bushmer.
Hediger, Ernst.
Heyroth, Albert H.
Howard, Elmer E.
Kirchner, Henry P., and Ball.
Ries, Kernell G., Roble, and Von Doenhoff.
Roble, Norman P., and Rowe.
Rowe, Robert G., and Goepfert.
Sharpe, Donald B., and Baumgartner.
Wooddell, Charles E., Van Nimwegen, and Hager.

Card, Francis C., Grand Rapids, Mich. Cigarette container and ash receptacle. 2,396,827; Mar. 19.

Card, Harrold L., Pana, Ill. Dish drier. 2,411,365; Nov. 19.

Cardarelli, Victor A., Sr., Boston, Mass. Roofing. 2,408,292; Sept. 24.

Carder, Frank C., Rock Island, assignor to Container Corporation of America, Chicago, Ill. Combination preheater and steam shower for corrugating and like machines. 2,402,237; June 18.

Cardillo, Joseph S., Rochester, N. Y., assignor to Pesco Products Co., Cleveland, Ohio. Two-gear metering pump. 2,400,485; May 21.

Cardinal Products Inc., assignee: *See*—
Schmitt, George P.

Cardinal, William E., Cherry Lake, Fla. Electrode holder. 2,413,213; Dec. 24.

Cardwell, James R., Barrington, Ill. Draft gear. 2,402,146; June 18.

Cardwell, Lloyd, Oak Park, Ill. Retaining wall. 2,405,289; Aug. 6.

Cardwell, William T., Jr., Whittier, assignor, by mesne assignments, to California Research Corporation, San Francisco, Calif. Treating mud-laden drilling fluids. 2,404,038; July 16.

Carey, Leroy J., assignor to The Marquette Metal Products Company, Cleveland, Ohio. Arm driving mechanism. 2,412,319; Dec. 10.

Carey, Philip, Manufacturing Company, assignee: *See*—
Perrault, Lewis.

Carey, Philip, Manufacturing Company, The, assignee: *See*—
Callan, William D.
Greider, Harold W., and MacArthur.

Carhart, Raymond H., assignor to H. Brinton Co., Frankford, Philadelphia, Pa. Fabric take-up and tension circular knitting machines. 2,407,397; Sept. 10.

Carl, Gustav R., assignor of one-half to N. H. Bode, Chicago, Ill. Window. 2,394,982; Feb. 19.

Carlile, Alfred E., Great Neck, N. Y., assignor to Talon, Inc. Reversible automatic lock slider. 2,405,875; Aug. 13.

Carlin, Herbert J., East Orange, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Modified characteristic relaying apparatus. 2,399,322; Apr. 30.

Carlin, Herbert J., East Orange, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electrical relay. 2,404,945; July 30.

Carlise, John, New York, N. Y. Fuel saving device for oil heaters. 2,411,504; Nov. 26.

Carlisle, John A.: *See*—
Cantrall, Forrest L., and Carlisle.

Carlisle, Samuel F., Jr., Elmsford, and A. B. Mundel, White Plains, assignors to Sonotone Corporation, Elmsford, N. Y. Frequency response testing system. 2,401,411; June 4.

Carlisle, William A., Jr.: *See*—
Goss, Worth C.

Carlisle, William A., Sr., assignee: *See*—
Goss, Worth C. and O. F. M.

Carliss, Oswald S., Fairfield, assignor, by mesne assignments, to The Yale & Towne Manufacturing Company, Stamford, Conn. Dial head unit for weighing and recording scales. 2,411,521; Nov. 26.

Carlsen, Carl E., New York, N. Y. Toy. 2,393,289; Jan. 22.

Carlsen, Viggo, Norwich, A. Heinrich, Taftville, and D. L. Ballou, assignors to The Aspinook Corporation, Jewett City, Conn. Continuous printing textiles and the like and apparatus therefor. 2,404,350; July 23.

Carlsen, Viggo, Norwich, and A. Heinrich, Taftville, assignors to The Aspinook Corporation, Jewett City, Conn. Doctor blade. 2,404,689; July 23.

Carlsmith, Leonard E., Baton Rouge, La., assignor to Standard Oil Development Company. Conversion of hydrocarbon oils. 2,391,944; Jan. 1.

Carlson, Bert G., Gates Mills, assignor to Jack & Heintz, Inc., Bedford, Ohio. Fluid clutch and power transmission. 2,392,120; Jan. 1.

Carlson, Bert G., Gates Mills, assignor, by mesne assignments, to Jack & Heintz, Inc., Cleveland, Ohio. Vacuum control check valve. 2,392,458; Jan. 8.

Carlson, Bert G., Gates Mills, assignor, by mesne assignments, to Jack & Heintz Precision Industries, Inc., Cleveland, Ohio. Hydraulic speed control governor. 2,404,900; July 30.

Carlson, Bert G., Gates Mills, assignor, by mesne assignments, to Jack & Heintz Precision Industries, Inc., Cleveland, Ohio. Automatic pilot directional turn indicator. 2,413,214; Dec. 24.

Carlson, Bert G., Erieside, assignor to Jack & Heintz, Inc., Bedford, Ohio. Turn, bank, and climb indicator. 2,395,250; Feb. 19.

Carlson, Bert G., Erieside, assignor to Jack & Heintz, Inc., Bedford, Ohio. Horizon gyro. 2,395,251; Feb. 19.

Carlson, Bert G., Erieside, assignor, by mesne assignments, to Jack & Heintz Precision Industries, Inc., Cleveland, Ohio. Automatic bank control. 2,405,015; July 30.

Carlson, Carl A., Worcester, Mass., assignor to Norton Company, Worcester, Mass. Grinding machine. 2,403,341; July 2.

Carlson, Carl F., assignee: *See*—
Glantvalley, Lawton D.

Carlson, Charles N., assignor of forty-five percent to A. L. Simpkins, Glasgow, Mont. Trailer hitch. 2,404,362; July 23.

Carlson, Elmer T., Wyoming, Ohio, assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Bus bar system. 2,411,128; Nov. 12.

Carlson, Ernest J., Reading, Pa. Walking-tread attachment for ice skates. 2,395,394; Feb. 26.

Carlson, Frederick O., Cleveland Heights, assignor of one-half to A. J. Sullivan, Cleveland, Ohio. Flexible tape rule with lock and closure. 2,410,713; Nov. 5.

Carlson, George J.: *See*—
Ross, William E., and Carlson.

Carlson, Gustaf H., Pearl River, assignor to Lederle Laboratories, Inc., New York, N. Y. Preparation of β-alanine by reduction of cyanoacetic acid. 2,401,547; June 4.

Carlson, Harold, North Franklin, Conn. Picker stick. 2,407,398; Sept. 10.

Carlson, Harold A.: *See*—
Moseley, James T. W., Carlson, and Szwargulski.

Carlson, Harold A., University City, assignor to Carter Carburetor Corporation, St. Louis, Mo. Carburetor. 2,407,534; Sept. 10.

Carlson, Harold A., University City, and O. J. Eickmann, Normandy, assignors to Carter Carburetor Corporation, St. Louis, Mo. Carburetor device. 2,394,663; Feb. 12.

Carlson, Harold A., University City, and O. J. Eickmann, Normandy, assignors to Carter Carburetor Corporation, St. Louis, Mo. Carburetor. 2,407,535; Sept. 10.

Carlson, J. A. Edwin, assignor to Jacobsen Manufacturing Company, Racine, Wis. Cutter bar for lawn mowers. 2,401,611; June 4.

Carlson, Raymond A., and B. A. Swennes, Rockford, assignors to Borg-Warner Corporation, Chicago, Ill. Hydraulic coupling. 2,402,369; June 18.

Carlson, Robert W., Depew, and M. G. Nicholson, Jr., Snyder, assignors to Colonial Radio Corporation, Buffalo, N. Y. Duplex control circuit. 2,407,399; Sept. 10.

Carlson, Rudolph E., Jacksonville, Fla. Sprinkler head. 2,408,196; Sept. 24.

Carlson, Theodore E., Cumberland, Md., assignor to Celanese Corporation of America. Winding apparatus. 2,403,908; July 16.

Carlson, Vernon E., Camp Hill, assignor to Aircraft-Marine Products, Inc., Harrisburg, Pa. Apparatus for severing and crimping electrical connectors. 2,396,913; Mar. 19.

Carlson, Vernon E., Short Hills, and T. C. Freedom, Scotch Plains, assignors to Aircraft Marine Products, Inc., Elizabeth, N. J. Electrical connection. 2,405,111; Aug. 6.

Carlson, Warren F., New Windsor, Ill. Cross wing airplane construction. 2,403,499; July 9.

Carlson, Wendell L., Haddonfield, N. J., assignor to Radio Corporation of America. Tuning arrangement. 2,402,948; July 2.

Carlson, Wendell L., Haddonfield, N. J., assignor to Radio Corporation of America. System for and method of aircraft radio communication. 2,403,500; July 9.

Carlson, Wendell L., Haddonfield, N. J., assignor to Radio Corporation of America. Crystal detector. 2,410,268; Oct. 29.

Carlson, Wendell L., Princeton, N. J., assignor to Radio Corporation of America. Reduction of selective fading distortion. 2,413,543; Dec. 31.

Carlson, Wendell L., Haddonfield, and R. L. Harvey, Collingswood, N. J., assignors to Radio Corporation of America. Metalworking. 2,399,466; Apr. 30.

Carlson, Wendell L., V. D. Landon, and R. L. Harvey, Princeton, N. J., assignors to Radio Corporation of America. Measuring the velocity of bullets. 2,400,189; May 14.

Carlström, Bengt, E. Grip, and S. Toorell, assignors to Aktiebolaget Facit, Atvidaberg, Sweden, Calculating machine. 2,398,286; Apr. 9.

Carlstrom, Ellis F., Lancaster Township, Lancaster County, assignor to Hamilton Watch Company, Lancaster, Pa. Timepiece setting mechanism. 2,412,493; Dec. 10.

Carlton, William C., Ilford, England. Tire preserver. 2,407,473; Sept. 10.

Carlyle, Howard L., West Allis, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Safety device for fluid power operated presses. 2,400,486; May 21.

Carlzen, Carl F.: *See*—
Pifer, Marion J., Carlzen, and McGarvey.

Carlzen, Carl F., assignor to Bell Aircraft Corporation, Buffalo, N. Y. Ordnance. 2,401,909; June 11.

Carmel, Alan M., Forest Hills, N. Y. Television system. 2,408,293; Sept. 24.

Carmichael, Asa B., Tujunga, Calif. Wheeled toy. 2,399,910; May 7.

Carmichael, Asa B., Sr., Tujunga, Calif. Mechanical toy high diving apparatus. 2,402,949; July 2.

Carmichael, Asa B., Tujunga, Calif. Vehicle step. 2,409,418; Oct. 15.

Carmo, John J., Billerica, Mass. Poultry feeder. 2,412,951; Dec. 24.

Carmody, Don R.: *See*—
Evering, Bernard L., d'Ouville, and Carmody.
Marschner, Robert F., and Carmody.

Carmody, Don R., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Production of alkyl aromatics. 2,396,682; Mar. 19.

Carmody, Don R., Hammond, Ind., and H. E. Huber, assignors to Standard Oil Company, Chicago, Ill. Production of alkylbenzene. 2,396,683; Mar. 19.

Carnagua, Harold E., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Planetary transmission. Re. 22,718; Feb. 12.

Carnagua, Harold E., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Automatic transmission. 2,395,459; Feb. 26.

Carnagua, Harold E., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Transmission. 2,399,097; Apr. 23.

Carnagua, Harold E., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Variable-speed transmission control. 2,409,541; Oct. 15.

Carnagua, Harold E., and C. L. Swift, Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Transmission. 2,399,098; Apr. 23.

Carnation Company, assignee: *See*—
Henszey, Roy O., and Smart.
Herro, Alexander C., and Smart.

Carnegie-Illinois Steel Corporation, assignee: *See*—
Affleck, David C.
Andrews, John W.
Billeter, Arno L., and King.
Current, Farmer L.
Dobscha, Herman F.
Eckel, John A.
Ehemann, George C., Jr.
Elliott, Edwin C.
Gat, John D., and Snyder.
Gehring, Kurt C., and Puryear.
Grazier, Dord W.
Greulich, Gerald G.
Guy, Charles M.
Hags, Joseph W.
Heuschkel, Julius.
Hileman, George A., and Houk.
Hume, Patrick H., McGarrity, and Robinson.
Humes, George W.
Hunter, John A., and Mullen, Sr.
Kling, Fred E.
Lankford, Howard Y.
McLaughlin, William H., and Rendel.
Muddiman, Earll R.
Peters, Tom J.
Rendel, George H.
Steudel, George E.
Steward, Douglas P.
Teplitz, Alfred.
Wells, Joseph H., and Wilson.
Whitehurst, George A.

Carney, Clifford R., Miami, Fla., assignor to General Motors Corporation, Detroit, Mich. Ice tray. 2,403,846; July 9.

Carney, Samuel C.: *See*—
Buddrus, Edward, and Carney.

Carney, Samuel C., Bartlesville, Okla., assignor to Phillips Petroleum Company. Catalytic conversion of hydrocarbons. 2,408,294; Sept. 24.

Caron, Louis G., Washington, D. C. Artificial limb. 2,393,142; Jan. 15.

Caron, Ludger J., assignor to Leominster Tool Co., Inc., Leominster, Mass. Injection molding machine. 2,395,100; Feb. 19.

Caron, Villa, Millinocket, Maine. Oil burner fuel level control. 2,399,099; Apr. 23.

Carothers, Jean C., Sidney, Ohio. Freezing and carbonating device. 2,411,081; Nov. 12.

Carpenter, Albert F., Chicago, Ill. Device for prevention of vapor lock in gasoline lines and the like. 2,403,578; July 9.

Carpenter, Charles R., Robbinsdale, Minn. Apparatus for treating fibrous materials. 2,405,401; Aug. 6.

Carpenter, Elizabeth C., administratrix: *See*—
Carpenter, Thomas E.

Carpenter, Erwin L., Cos Cob, Conn., assignor to American Cyanamid Company, New York, N. Y. Aliphatic oxynitriles. 2,404,164; July 16.

Carpenter, Erwin L., Old Greenwich, H. S. Davis, Riverside, and O. F. Wiedeman, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Refining crude olefinic nitriles. 2,404,163; July 16.

Carpenter, Frank C., Houston, assignor of one-half to Eastman Oil Well Survey Company, Dallas, Tex., and one-half to Eastman Oil Well Survey Corporation, Long Beach, Calif. Well deflecting tool. 2,402,238; June 18.

Carpenter, John H., Williamsport, Pa., assignor to The Aviation Corporation, New York, N. Y. Lubricating system for two-speed transmissions. 2,403,579; July 9.

Carpenter, Joseph E.: *See*—
Booth, Robert B., and Carpenter.

Carpenter, Miles H., Memphis, Tenn. Building construction. 2,396,828; Mar. 19.

Carpenter, Miles H., Raleigh, Tenn. Building construction. 2,396,829; Mar. 19.

Carpenter, Morris T.: *See*—
Babike, William H., and Carpenter.

Carpenter, Richard M., assignor to Flexible Steel Lacing Company, Chicago, Ill. Cutting tool. 2,413,544; Dec. 31.

Carpenter, Rupert E. H.: *See*—
Terry, Robert S. G.

Carpenter, Rupert E. H., South Croydon, England. Electromagnetic device. 2,412,123; Dec. 3.

Carpenter, Theodore H., New London, Conn., assignor to United States of America as represented by the Secretary of the Navy. Impact operated release mechanism. 2,395,252; Feb. 19.

Carpenter, Thomas E., deceased, New York, N. Y.; E. C. Carpenter, administratrix. Feed control for liquid refrigerant. 2,393,854; Jan. 29.

Carpenter, Victor W.: *See*—
Gifford, Carl E., and Cook.

Carpenter, Walter E., West Caldwell, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Glow lamp. 2,402,019; June 11.

Carr, Bradley S., Chicago, and A. L. Blakemore, Glenwood, Ill., assignors to American Brake Shoe Company. Chain. 2,403,635; July 9.

Carr, Donald E., assignor to Union Oil Company of California, Los Angeles, Calif. Precombustion cracking process. 2,399,540; Apr. 30.

Carr, Edward L., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Composition of matter. 2,393,506; Jan. 22.

Carr, Edward L., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Composition of matter. 2,393,507; Jan. 22.

Carr, Uriah H., Winston-Salem, N. C. Low altitude parachute. 2,399,100; Apr. 23.

Carrier Corporation, assignee: *See*—
Ashley, Carlyle M.
Galson, Henry L.
Gertels, Karl M.
Schulz, Edward L.
Seid, Herman.
Trumpler, William E.

Carrington, Beatrice N., Retford, England. Novel or improved means for use more especially in displaying and changing musical score. 2,401,612; June 4.

Carrington, Frank G., assignor to M. Kuniansky, Lynchburg, Va. Apparatus for casting annular articles. 2,412,601; Dec. 17.

Carroll, Burt H.: *See*—
Widmer, Jules A., and Carroll.

Carroll, Burt H., and J. Spence, assignors to Eastman Kodak Company, Rochester, N. Y. Sensitized photographic emulsion. 2,395,846; Mar. 5.

Carroll, Burt H., and J. Spence, assignors to Eastman Kodak Company, Rochester, N. Y. Sensitized photographic emulsion. 2,398,778; Apr. 23.

Carroll, Charles V., assignor to Wm. Bros. Boiler & Manufacturing Co., Minneapolis, Minn. Grate. 2,403,787; July 9.

Carroll, Clarence M., assignor to Eastman Kodak Company, Rochester, N. Y. Shutter drive and timing mechanism. 2,410,629; Nov. 5.

Carroll, Clarence W., assignor to Eastman Kodak Company, Rochester, N. Y. Shutter drive mechanism. 2,398,409; Apr. 16.

Carroll, Clarence W., assignor to Eastman Kodak Company, Rochester, N. Y. Rotary shutter driver. 2,412,673; Dec. 17.

Carroll, Francis E., Worcester, assignor to United States Envelope Company, Springfield, Mass. Envelope. 2,399,000; Apr. 23.

Carroll, Hubert O., Painesville, Ohio. Convertible combination storm sash and screen. 2,405,112; Aug. 6.

Carroll, Thomas, assignor to Massey-Harris Co. Ltd., Toronto, Ontario, Canada. Shaker shoe for grain threshers. 2,395,163; Feb. 19.

Carruth, Herman A.: *See*—
Williamson, Marshall I., and Carruth.

Carruthers, Thomas F., SouthCharleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. 2-ethylhexyl phosphates. 2,406,802; Sept. 3.

Carson, Benjamin R., Haddonfield, and K. J. Magnusson, Merchantville, N. J., assignors to Radio Corporation of America. Phonograph. 2,412,441; Dec. 10.

Carson, Charles E., Sharon, Mass. Electrical connector. 2,410,961; Nov. 12.

Carson, Clarence M., Cuyahoga Falls, assignor to Wingfoot Corporation, Akron, Ohio. Rubber derivative products. 2,413,432; Dec. 31.

Carson, George J., Worcester, Mass., assignor to O. S. Walker Company, Inc. Magnetic swivel work holder. 2,409,017; Oct. 8.

Carson, George L., assignor, by mesne assignments, to Philco Corporation, Philadelphia, Pa. Electric motor. 2,406,193; Aug. 20.

Carson, Gordon B., assignor to The Cleveland Automatic Machine Company, Cleveland, Ohio. Distributor. 2,399,165; Apr. 30.

Carson, Howard: *See*—
Geyer, Howard M., and Carson.

Carson, Robert H., Arlington, Mass., assignor to the Government of the United States. Floor construction. 2,404,471; July 23.

Carson, Russell M., et al., assignees: *See*—
Hilliker, Frank T.

Carson, William L., assignor to Washington Iron Works, Seattle, Wash. Controlled chilling of precision metal parts. 2,396,940; Mar. 19.

Carstedt, Volney E.: *See*—
Hetzel, Frank L., and Carstedt.

Carstens, Fritz A., assignor to A. O. Smith Corporation, Milwaukee, Wis. Making crankshafts by electric welding. 2,403,049; July 2.

Carswell, Thomas S., Longmeadow, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Container. 2,409,252; Oct. 15.

Carten, Leo A., Washington, D. C. Belt link for cartridges. 2,395,460; Feb. 26.

Carter, Bernard M., Montclair, N. J., assignor to General Chemical Company, New York, N. Y. Manufacture of oleum. 2,394,426; Feb. 5.

Carter Carburetor Corporation, assignee: *See*—
Bicknell, George M.
Boller, Henry A.
Boyce, Leonard D.
Carlson, Harold A.
Carlson, Harold A., and Eickmann.
Cloedy, Fred W., and Mahne.
Eberhardt, Howard.
Ericson, George R.
Hessler, Oliver H.
Hodges, Ralph, and Klasey.
Jones, Maldwyn E.
Korte, Alfred C.
Luke, Oliver J.
Markam, Charles E., and Martin.
Martin, Charles L.
Moseley, James T. W., Carlson and Szwargulski.
Read, Leland B.
Weakley, John F.

Carter, Clarence F., Danville, Ill. Jacking attachment for front wheels. 2,413,289; Dec. 31.

Carter, Clarence F., Danville, Ill. Jacking attachment for rear wheels. 2,413,290; Dec. 31.

Carter, Clinton W., Allison Park, Pa. Making soluble concentrates of coffee. 2,398,061; Apr. 9.

Carter, David E., Oklahoma City, Okla. Impact dampener. 2,393,750; Jan. 29.

Carter, Franklyn Y.: *See*—
Dillman, Earnest J., and Carter.

Carter, Franklyn Y., Detroit, Mich., assignor to Detroit Lubricator Company. Refrigerating apparatus. 2,402,802; June 25.

Carter, Franklyn Y., Detroit, Mich., assignor to Detroit Lubricator Company. Refrigerant distributing means. 2,409,661; Oct. 22.

Carter, Frederick, and D. C. Taylor, Westhill, Ontario, Canada. Dyeing machine. 2,410,336; Oct. 29.

Carter, John C.: *See*—
Lazar, Arthur, and Carter.

Carter, Joseph E., Huntington, and R. K. Gensler, Guyandotte, W. Va., assignors to International Nickel Company, Inc., New York, N. Y. Operating reduction-melting furnaces. 2,413,215; Dec. 24.

Carter, Joseph H., et al., assignee: *See*—
Kinney, Selwyne P.

Carter, Latt J., Kannapolis, N. C., assignor to Graton & Knight Company, Worcester, Mass. Making checkstraps. 2,406,194; Aug. 20.

Carter, Leslie F., Leonia, N. J., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Erection device for gyroscopes. 2,408,044; Sept. 24.

Carter, Leslie F., Leonia, N. J., and F. West, Jr., Roslyn, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Torque exerting means. 2,412,204; Dec. 10.

Carter, Lionel A., Webster Groves, Mo. Self-locking bolt or nut. 2,405,402; Aug. 6.

Carter, Philip S., Rocky Point, N. Y., assignor to Radio Corporation of America. Broadcast antenna. 2,403,909; July 16.

Carter, Philip S., Rocky Point, N. Y., assignor to Radio Corporation of America. High-frequency transducer system. 2,409,542; Oct. 15.

Carter, Philip S., Port Jefferson, N. Y., assignor to Radio Corporation of America. Antenna system. 2,407,057; Sept. 3.

Carter, Philip S., Port Jefferson, N. Y., assignor to Radio Corporation of America. Antenna system. 2,412,320; Dec. 10.

Carter, Richard P., Elsmere, assignor to Hercules Powder Company, Wilmington, Del. Preparation of ethyl chloride. 2,396,639; Mar. 19.

Carter, Robert J. S., Minneapolis, Minn., assignor to Pillsbury Mills, Inc. Milling process. 2,392,365; Jan. 8.

Carter, Shirley J., Hayward, Calif., assignor to Titeflex, Inc. Forming corrugated tube from a strip. 2,406,943; Sept. 3.

Carter, William R., assignor to Electric Machinery Manufacturing Company, Minneapolis, Minn. Voltage regulator. 2,412,124; Dec. 3.

Cartlidge, Frank, assignor to Goodman Manufacturing Company, Chicago, Ill. Material gathering and loading machine. 2,399,101; Apr. 23.

Cartlidge, John R., assignor to The Cincinnati Mine Machinery Company, Cincinnati, Ohio. Cutter chain. 2,399,166; Apr. 30.

Cartun, Paul O., Cleveland Heights, Ohio, assignor to General Electric Company. Lamp holder. 2,405,815; Aug. 13.

Cartwright, Harold N., Solihull, J. G. Davies, Birmingham, and R. H. Patterson, Solihull, England. Walls and ceilings of buildings. 2,403,580; July 9.

Caruso, Mario, Maplewood, N. J., assignor to The Lionel Corporation, New York, N. Y. Figure toy and making the same. 2,392,227; Jan. 1.

Caruthers, Eugene W., Secane, Pa. Lubricated rail joint. 2,406,452; Aug. 27.

Carver Cotton Gin Company, Division of The Murray Company, assignee: *See*—
Graebe, Herman C.

Carver, Fred S., Short Hills, N. J. Valve for controlling high-pressure fluids. 2,399,102; Apr. 23.

Carver, Fred S., Short Hills, N. J. Pressing apparatus. 2,404,165; July 16.

Carwile, Sylvia C., Roanoke, Va. Shield for medicinal needles. 2,393,143; Jan. 15.

Cary, Francis C.: *See*—
Hybinette, Sven E., and Cary.

Cary, Philip, Manufacturing Company, assignee: *See*—
Smith, Marion F., and Greider.

Casablancas High Draft Company Limited, assignee: *See*—
Noguera, Joseph.

Casalino, Joseph, Elmhurst, assignor to J. H. Meyer Brothers, Brooklyn, N. Y. Cutting mechanism for molded plastics. 2,392,459; Jan. 8.

Casalino, Joseph, Forest Hills Gardens, Long Island, N. Y., assignor to Diepiast Corporation, New York, N. Y. Hand mirror mount. 2,404,472; July 23.

Casanov, Raymond C., Chicago, Ill. Battery holder. 2,397,469; Apr. 2.

Case, Emerson E., Perry, N. Y. Knife sharpener. 2,413,169; Dec. 24.

Case, Irvin L., Steubenville, Ohio, assignor to National Steel Corporation. Magnetic control. 2,406,489; Aug. 27.

Case, J. I., Company, assignee: *See*—
Borsheim, Hans T.
Kranick, Frank N. G., and Hansen.
Leland, Alfred W.
MacGregor, Wallace F.
Magee, Kenneth L.
Markel, John M.
Richardson, Martin A.
Russell, Stanley D.
Rutter, Alvah E.
Schroeppel, Paul R.

Case, Lynn B., Bound Brook, assignor to John Waldron Corporation, New Brunswick, N. J. Surfacing metal rolls. 2,395,101; Feb. 19.

Case, Nelson P., Great Neck, N. Y., assignor to Hazeltine Corporation. Carrier-wave generating system. 2,398,694; Apr. 16.

Case, Rogers, Orange, N. J. Wire-transposing device. 2,406,663; Aug. 27.

Casella, Secondo L., assignor to Morey Machinery Co., Inc., New York, N. Y. Cross slide. 2,403,581; July 9.

Casella, Secondo L., Brooklyn, assignor to Morey Machinery Co., Inc., Astoria, Long Island, N. Y. Intermittent feed change mechanism. 2,406,664; Aug. 27.

Casella, Secondo L. and M. G. Himoff, assignors to Morey Machinery Co., Inc., New York, N. Y. Automatic tool block. 2,392,228; Jan. 1.

Caselle, Raffaele, Rapolla, Italy; vested in the Alien Property Custodian. Swimming and life saving equipment. 2,392,576; Jan. 8.

Casserta, Michele, Detroit, Mich., assignor to Thompson Products, Inc. Shaft seal. 2,404,890; July 23.

Casserta, Michele, Detroit, Mich., assignor to Thompson Products, Inc. Apparatus for and method of smoothing pump bores. 2,411,851; Dec. 3.

Casey, Charles L.: *See*—
Ilyno, Juddson B., and Casey.

Casey, Hazel N., Columbia, Mo. Miniature ornamental enclosure. 2,394,748; Feb. 12.

Casey, Matthew A., Montclair, N. J. Ladder attachment. 2,398,617; Apr. 16.

Cash, A. W., Company, assignee: *See*—
Temple, Paul C.

Cash, Charles R. P., Canton, N. C. Agitator for cascade evaporators. 2,403,211; July 2.

Cashman, Aloysius F.: *See*—
Lieber, Eugene, and Cashman.

Casieri, Anthony, Chicago, Ill. Hair-waving device. 2,400,102; May 14.

Casler, Roger H., assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Fluid pressure control mechanism. 2,395,395; Feb. 26.

Caspers Tin Plate Company, assignee: *See*—
Domville, Charles H., Jr., and Gray.

Cass, Oliver W., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Copolymers of vinyl chloride and trichlorethylene. 2,397,724; Apr. 2.

Cass, Oliver W., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of the higher chlorides of methane. 2,406,195; Aug. 20.

Cass, Oliver W., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chlorinated resins. 2,408,608; Oct. 1.

Cass, Oliver W., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Resins of high chlorine content. 2,408,609; Oct. 1.

Cass, Oliver W., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Halogenated organic compounds. 2,412,389; Dec. 10.

Cass, Thomas F., Jr., Wayne, assignor to Container Corporation of America, Chicago, Ill. Siftproof carton. 2,406,061; Aug. 20.

Cassen, Benedict, Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Resonator. 2,400,976; May 28.

Cassia, Joseph P., Jr., East Boston, Mass. Toolholder. 2,391,878; Jan. 1.

Cassidy, Joseph J., Fort Wayne, Ind. Rod support for reinforced concrete structures. 2,409,342; Oct. 15.

Cassidy, Perry R., Darien, Conn., assignor to The Babcock & Wilcox Company, Jersey City, N. J. Heat transfer apparatus and manufacture. 2,404,826; July 30.

Cassil, Carroll C.: *See*—
Hansen, James W., and Cassil.

Castedello, William: *See*—
Schwartz, Hyman, and Castedello.
Schwartz, Morris, and Castedello.

Castedello, William, assignor to The Kalart Company, Inc., Stamford, Conn. Range finder. 2,401,746; June 11.

Caster, William F., assignee: *See*—
Bechik, Michael.

Castle, Boyd F., assignor to The Quincy Stove Manufacturing Company, Quincy, Ill. Oil burner. 2,395,655; Feb. 26.

Castle, Boyd F., assignor to The Quincy Stove Manufacturing Company, Quincy, Ill. Oil burner. 2,404,039; July 16.

Castner, James B., Wilmington, Del., and W. M. Nagle, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Process. 2,399,206; Apr. 30.

Castner, Robert C.: *See*—
Anderson, John, and Castner.

Castor, Wilbur W., Mount Lebanon, Pa. Apparatus for plating finely divided material. 2,398,517; Apr. 16.

Castricum, Martin, Grosse Pointe, Mich., assignor to United States Rubber Company, New York, N. Y. Tire tread cover. 2,392,577; Jan. 8.

Catalin Corporation of America, assignee: *See*—
Magrane, John K., Esterly, and Davies.

Caterpillar Tractor Co., assignee: *See*—
Burks, George E.
Johnson, Lloyd E.
Johnson, Lloyd E., and Maxwell.
Rosen, Carl G. A., and Maxwell.
Starr, Oscar L.

Cathodeon Limited, assignee: *See*—
Liebmann, Gerhard.

Catlin, John P., Fairfield, G. R. Eckstein, Bridgeport, and M. B. Vordahl, Fairfield, assignors to Remington Arms Company, Inc., Bridgeport, Conn. Tool. 2,394,842; Feb. 12.

Caton, Harley A., Omaha, Nebr. Portable carrying device. 2,399,786; May 7.

Catron, Oliver G., Barbourville, Ky. Wood bending apparatus. 2,399,427; Apr. 30.

Cattaneo, Alfred G.: *See*—
Evans, Theodore W., and Cattaneo.
Stanly, Albert L., and Cattaneo.

Cauchaner, David, Buenos Aires, Argentina. Heating stove for closed rooms or the like. 2,397,470; Apr. 2.

Caudill, Howard F., Oak Park, assignor to Western Foundation Company, Chicago, Ill. Power hammer. 2,403,582; July 9.

Caughey, William K., Madison, and K. D. Swartzel, Murray Hill, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Magnetic recorder. 2,402,985; July 2.

Causey, George W., Pittsburgh, Pa. Scaffold structure and the like. 2,397,241; Mar. 26.

Cavallaro, Ralph C., Branford, Conn. Counter drive for dual propellers. 2,395,610; Feb. 26.

Cavallero, Luis J.: *See*—
Ziegler, Marc, Visscher, and Cavallero.

Cavallito, Chester J., Rensselaer, N. Y., assignor to Wingfoot Corporation, Akron, Ohio. Cooking and packaging. 2,398,082; Apr. 9.

Cavallito, Chester J., Rensselaer, N. Y., assignor to Wingfoot Corporation, Akron, Ohio. Film containing iodine. 2,400,389; May 14.

Cavanagh, John, assignor to Hat Corporation of America, Norwalk, Conn. Fabric hat and making the same. 2,408,610; Oct. 1.

Cavanagh, John F., Providence, assignor to Kenney Manufacturing Company, Cranston, R. I. Aerial flare. 2,394,896; Feb. 12.

Cavanagh, John F., Providence, assignor to Kenney Manufacturing Company, Cranston, R. I. Aerial flare. 2,394,897; Feb. 12.

Cavanaugh, Edward B., Philadelphia, Pa. Toy airplane. 2,401,459; June 4.

Cavanaugh, Robert M., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Slurry filtration. 2,404,215; July 16.

Cavaness, James D., Arlington, Tex. Sucker rod tightener. 2,409,104; Oct. 8.

Cave, Henry, assignor to The Fuller Brush Company, Hartford, Conn. Formation of brushes. 2,400,809; May 21.

Cawein, Madison, Fort Wayne, Ind., assignor to Farnsworth Television and Radio Corporation. Color flicker reducing apparatus. 2,393,235; Jan. 22.

Cawein, Madison, Fort Wayne, Ind., assignor to Farnsworth Television and Radio Corporation. Modulation system. 2,395,102; Feb. 19.

Cawein, Madison, Fort Wayne, Ind., assignor to Farnsworth Television and Radio Corporation. Television signal separator. 2,399,593; Apr. 30.

Cawein, Madison, Fort Wayne, Ind., assignor to Farnsworth Television and Radio Corporation. Automatic volume control. 2,400,073; May 14.

Cawein, Madison, Fort Wayne, Ind., assignor to Farnsworth Television and Radio Corporation. Television signal amplifier. 2,405,290; Aug. 6.

Cawood, William H., Middlesboro, Ky. Footrest for embalming tables. 2,407,948; Sept. 17.

Caylor, Daniel A., Suspension, Ala. Grass and weed destroyer. 2,403,847; July 9.

Ceader, Joseph D., East Cleveland, Ohio, assignor to General Electric Company. Safety lamp. 2,400,916; May 28.

Ceco Steel Products Corporation, assignee: *See*—
Machamer, Hobart E.

Cedillo, Nicasio G., Mexico City, Mexico. Submarine. 2,398,174; Apr. 9.

Cefoil Limited, assignee: *See*—
Cunningham, George E., Chamberlain, and Speakman.
Speakman, John B., and Chamberlain.

Celanese Corporation of America, assignee: *See*—
Andersen, Bjorn.
Bludworth, Joseph E.
Bludworth, Joseph E., and Easter.
Croft, Cyril M., and Cramer.
Croft, Cyril M., and Hindle.
Croft, Cyril M., Hindle, and Pinault.
Croft, Cyril M., and Waller.
Dodge, Frederick G.
Donahoe, Joseph R.
Dreyfus, Camille, and Andersen.
Dreyfus, Henry.
Elvin, William J.
Folsom, Noel J., and Martin.
Haney, Clifford I., and Martin.
Haney, Clifford I., Martin, and Andrews.
Howorth, Harmon, and Holt.
Kloran, James J.
Lippmann, Daniel C.
Lyem, Arthur.
Mellor, Albert, and Martin.
Platt, Herbert, and Croft.
Reel, Raymond D.
Schlessler, Fred J.
Schneider, George, and Martin.
Seymour, George W., and Brooks.
Seymour, George W., and Salvin.
Seymour, George W., and Ward.
Sitzler, Richard R., and Bludworth.
Stahl, Elmer R., Schulte, and Elvin.
Thompson, Robert F.
Ward, George C., and Pull.

Celesia, Raquel: *See*—
Soria, Alberto M., and Celesia.

Celestin, William E., New York, N. Y. Cigarette container. 2,410,200; Oct. 29.

Cellu-Service Corporation, assignee: *See*—
Reeves, John F.

Celmer, Boleswava H., Detroit, Mich. Toe-dancer slipper or shoe. 2,400,534; May 21.

Celmer, Boleslawa H., Detroit, Mich. Skate. 2,400,535; May 21.

Celotex Corporation, The, assignee: *See*—
Burt, George H.
Irvine, Fergus A., and Frederick.
Jones, William R.
Krajci, Samuel.
Muench, Carl G.
Sorensen, Louis N.

Central Commercial Company, assignee: *See*—
Langer, Nicholas.
Larsen, Merwin J.
Larsen, Merwin J., Schjonberg, and Oswald.

Central Scientific Company, assignee: *See*—
Hornberger, Carl S.

Centrifugal & Mechanical Industries, Inc., assignee: *See*—
Howe, Andrew F.

Century Mills, assignee: *See*—
Schreiber, Max, and Stebbins.

Cepek, William: *See*—
Ballard, William C., Jr., Coron, and Cepek.

Cerf, Robert C., assignor to Pacific Plastic and Manufacturing Company, Los Angeles, Calif. Door latch. 2,407,135; Sept. 3.

Cerny, George: *See*—
Albrecht, Edmund C., and Cerny.

Cerny, Joseph J.: *See*—
Holleran, Dominic J., and Cerny.

Certain-Teed Products Corporation, assignee: *See*—
Gardner, Harry F.

Ceslowitz, Abraham, New York, N. Y. Resilient construction for articles of furniture. 2,398,709; Apr. 23.

Chace, W. M., Company, assignee: *See*—
Carlson, Theodore E.
Hall, John L., and Santolla.
Plunkett, Brian.

Chadsey, Fred P., Fillmore, Calif. Airplane deicing and engine silencing construction. 2,396,684; Mar. 19.

Chadwick, Cecil G.: *See*—
Crafts, Walter, and Chadwick.

Chadwick, George A.: *See*—
Sinton, William, Sherman, and Chadwick.

Chadwick, George A., Washington Grove, Md., and P. H. Girouard, Washington, D. C. Gun slide trunnion bearing. 2,396,247; Mar. 12.

Chafee, Earl W., New York, assignor to Sperry Gyroscope Company, Inc., Brooklyn, New York. Range finder. 2,397,532; Apr. 2.

Chain Belt Company, assignee: *See*—
Gauthier, Robert S.
McMillan, Andrew.
Siwyer, Benjamin E.
Smith, Horace L., Jr., Conley, and Atwood.

Chalmers, Edward J., (judicial change of name): *See*—
Chmielowiec, Edward J.

Chalmers, Henry B., New York, N. Y. Producing magnesium compounds. 2,402,370; June 18.

Chalmers, Nellie: *See*—
Chmielowiec, Edward J.

Chamberlain, Blanchard G.: *See*—
Campbell, Chester W., and Chamberlain.

Chamberlain, Clark W., East Lansing, Mich. Method and apparatus for molecular absorption of vibration. 2,407,400; Sept. 10.

Chamberlain, Earl B., Fort Wayne, and R. M. Kolter, Decatur, Ind. Theft proof fill pipe closure. 2,411,505; Nov. 26.

Chamberlain, Harold, Sr., assignee: *See*—
Wintsch, Max T.

Chamberlain, Harold B.: *See*—
Kinnear, Reginald A., Chamberlain, McCanne, Falls, and Gordon.

Chamberlain, Harold L.: *See*—
Wanamaker, Elmer M., Cromwell, and Chamberlain.

Chamberlain, James M. W., Akron, Ohio. Sealing ring and assembly comprising the same. 2,396,491; Mar. 12.

Chamberlain, Norman H.: *See*—
Cunningham, George E., Chamberlain, and Speakman.
Speakman, John B., and Chamberlain.

Chambers, Francis S., Jr., Woodbury, N. J., and R. N. Gartside, St. Louis, Mo., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Concentration of nitric acid. 2,403,050; July 2.

Chambers, Leslie A., Drexel Hill, and H. K. Hartline, Media, assignors to The Trustees of the University of Pennsylvania, Philadelphia, Pa. Electrophoresis apparatus. 2,412,602; Dec. 17.

Chambers, Thomas S.: *See*—
Boettger, Charles R., Jr., Chambers, and Slotterbeck.

Chambers, Victor S.: *See*—
Whitehouse, Irving, and Chambers.

Chambers, Worthy L., assignor to Novex Corporation, Chicago, Ill. Projection machine. 2,391,879; Jan. 1.

Champagne Paper Corporation, assignee: *See*—
Goepfert, Otto F.
Goepfert, Otto F., Straus, and Clayton.

Champion Paper and Fibre Company, The, assignee: *See*—
Gates, Louis E.

Champlin, Walter B., Detroit, Mich. Surface layout gauge. 2,412,870; Dec. 17.

Chance Brothers and Co., Limited, assignee: *See*—
Wheat, William N., and Bullock.

Chance Brothers Limited, assignee: *See*—
Bastick, Raymond E., Hampton, and Wang.

Chandler, Bruce C., Waukegan, and W. O. Bell, Libertyville, Ill., assignors to Pfanstiehl Chemical Company. Forming metal bonded abrasive articles. 2,395,461; Feb. 26.

Chandler, Clarence C., Kingsville, Tex. Steam generator. 2,402,803; June 25.

Chandler, Daniel L., Salem, assignor to Aresee Company, Inc., Swampscott, Mass. Ventilator mechanism for automobile doors. 2,404,432; July 23.

Chandler, Edward F., Brooklyn, N. Y. Repeating rocket gun. 2,391,864; Jan. 1.

Chandler, Edward F., Brooklyn, N. Y. Self-propelled projectile. 2,391,865; Jan. 1.

Chandler, Edward F., Brooklyn, N. Y. Cooling system for Diesel engines. 2,392,723; Jan. 8.

Chandler, Edward F., Brooklyn, N. Y., assignor to J. P. Chandler, trustee. Heating apparatus and system. 2,399,467; Apr. 30.

Chandler, Edward F., Brooklyn, N. Y., assignor to J. P. Chandler, as trustee. System of heating. 2,399,985; May 7.

Chandler-Evans Corporation, assignee: *See*—
Chandler, Milton E.
Curk, Ralph D.
Hunt, Scott F.
Lee, Leighton, II.
Lipfert, Donald E.
Lockwood, Harry A.
Silver, Jacob S.

Chandler, James D., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe and making the same. 2,407,224; Sept. 10.

Chandler, James H., Oak Park, Ill., assignor to Ekco Products Company. Pressure cooker. 2,407,627; Sept. 17.

Chandler, John P., trustee, assignee: *See*—
Chandler, Edward F.

Chandler, Milton E., New Britain, assignor to Chandler-Evans Corporation, South Meriden, Conn. Carburetor. 2,393,144; Jan. 15.

Chandler, Milton E., New Britain, assignor to Chandler-Evans Corporation, South Meriden, Conn. Control apparatus. 2,394,664; Feb. 12.

Chandler, Milton E., New Britain, Conn., assignor to Chandler-Evans Corporation. Anticorrosion plug. 2,406,993; Sept. 3.

Chandler, Milton E., New Britain, assignor to Chandler-Evans Corporation, South Meriden, Conn. Engine signal apparatus. 2,407,134; Sept. 3.

Chandler, Milton E., New Britain, Conn., assignor to Chandler-Evans Corporation. Fuel control mechanism. 2,410,773; Nov. 5.

Chandler, Milton E., New Britain, Conn., assignor to Chandler-Evans Corporation. Fuel injection metering mechanism. 2,410,774; Nov. 5.

Chandler, Milton E., Birmingham, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Carburetor. 2,393,290; Jan. 22.

Chandler & Price Company, The, assignee: *See*—
Jirousek, Joseph F.
Root, Charles F.

Chaney, David H., U. S. Army, Cass County, N. Dak. Control system for remotely positioned radio apparatus. 2,410,426; Nov. 5.

Chaney, Newcomb K., Rose Valley-Moylan, Pa., assignor to The United Gas Improvement Company. Recovery of olefins and/or diolefins from hydrocarbon mixtures containing same. 2,395,954; Mar. 5.

Channing, Robert, Company, assignee: *See*—
Levreggi, Albert F.

Chantiermerle, Pierre: *See*—
Wittkuhns, Bruno A., and Chantemerle.

Chantland, Alfred, Badger, Iowa. Elevator. 2,403,636; July 9.

Chapin, Bryan W., Kenmore, assignor to Spriesch Tool and Manufacturing Company, Inc., Buffalo, N. Y. Electrical remote control device. 2,400,339; May 14.

Chapin, Charles H., Chicago, Ill. Spring suspension. 2,413,291; Dec. 31.

Chapin, Edward K., assignor to Beatrice Creamery Company, Chicago, Ill. Comminuted shortening. 2,392,833; Jan. 15.

Chaplin, Edwin D., assignor to H. B. Albert, New York, N. Y. Igniter for internal-combustion engines. 2,407,474; Sept. 10.

Chaplin, Merle P., South Portland, Maine. Molded fiber edge forming apparatus. 2,408,734; Oct. 8.

Chapman, Archibald J., Grosse Pointe, Mich., assignor to Eureka Williams Corporation. Demonstrating device for vacuum cleaners. 2,404,040. July 16.

Chapman, Edward L., assignee: *See*—
Statia, Edwin V., Sr.

Chapman Electric Neutralizer Company, assignee: *See*—
Chapman, William H.

Chapman, Everett, West Chester, Pa. Method and apparatus for cranial operations. 2,401,548; June 4.
Chapman, Frederick W., assignor to General Motors Corporation, Detroit, Mich. Compass. 2,407,536; Sept. 10.
Chapman, Harvey G., Jr.: *See*—
Brant, Walter R., and Chapman.
Chapman, James E., Phoenix, Ariz., assignor to The Garrett Corporation, Los Angeles, Calif. Power operated actuator. 2,407,537; Sept. 10.
Chapman, James E., Los Angeles, and G. A. Bussiere, assignors to North American Aviation, Inc., Inglewood, Calif. Ammunition feed booster. 2,403,170; July 2.
Chapman, Paul, Bayside, N. Y. Bridge construction. 2,402,124; June 18.
Chapman, Paul, New York, N. Y. Bridge construction. 2,402,125; June 18.
Chapman, Thomas S., Chicago, Ill., assignor to Standard Oil Development Company. Drilling method and fluid for use therein. 2,399,986; May 7.
Chapman, William H., assignor to Chapman Electric Neutralizer Company, Portland, Maine. Neutralizing apparatus and manufacture of same. 2,392,808; Jan. 15.
Chappell, Bartlett H. S., Hurley, N. Y. Treating oils and fats. 2,410,427; Nov. 5.
Charch, William H., Buffalo, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymer compositions and their preparation. 2,404,726; July 23.
Charchian, Benjamin M., New York, N. Y., assignor to Federal Telephone and Radio Corporation. Modulation control. 2,402,598; June 25.
Charchian, Benjamin M., New York, N. Y., assignor to Federal Telephone and Radio Corporation, Newark, N. J. Inductive coupling. 2,402,599; June 25.
Charis Corporation, assignee: *See*—
Glines, Carl R.
Ihsen, Hulda M.
Charland, Albert H., Rosemont, assignor to Philco Corporation, Philadelphia, Pa. Refrigeration. 2,401,460; June 4.
Charland, Albert H., Rosemont, assignor to Philco Corporation, Philadelphia, Pa. Refrigeration. 2,401,613; June 4.
Charles, George K., Wincanton, Somerset, England. Device for sealing cylindrical cans or similar containers. 2,401,461; June 4.
Charles, Hubert N., Edgbaston, Birmingham, assignor to The Austin Motor Company Limited, Northfield, Birmingham, England. Valve guide of internal-combustion engine. 2,403,260; July 2.
Charlton, Ralph W.: *See*—
Spitzli, Donald H., and Charlton.
Charlton, William, S. G. Jarrett, and E. E. Walker, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Treatment of paper or textile fabrics. 2,406,453; Aug. 27.
Charlton, William, S. G. Jarrett, and E. E. Walker, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Treatment of paper or textile fabrics. 2,406,454; Aug. 27.
Charrier, George M., Collingswood, N. J., assignor to Radio Corporation of America. Cathode ray sweep circuit. 2,407,475; Sept. 10.
Chase Brass & Copper Co., Incorporated, assignee: *See*—
Cibs, Anthony F.
Shoemaker, Richard W.
Chase, Corson W., Marion, Ind., assignor to Chicago Pump Company. Variable volute chamber centrifugal pump. 2,396,083; Mar. 5.
Chase, George C., South Orange, assignor to Monroe Calculating Machine Company, Orange, N. J. Calculating machine. 2,399,170; Apr. 30.
Chase, Jesse D., Kansas City, Mo. Ladder extension. 2,408,372; Oct. 1.
Chatelain, Oscar: *See*—
Derungs, Ernest A., and Chatelain.
Chatfield, Franklin, assignor to Munsingwear, Inc., Minneapolis, Minn. Apparatus for shrinking fabrics. 2,409,543; Oct. 15.
Chatfield, Henry B., Southern Pines, N. C. Clamp. 2,395,656; Feb. 26.
Chatfield, John N.: *See*—
Opryshek, Karl, and Chatfield.
Chatterjea, Prafulla K., and L. W. Houghton, London, W. C. 2, assignors to Standard Telephones and Cables Limited, London, England. High frequency electrical communication system. 2,406,803; Sept. 3.
Chatterjea, Prafulla K., and C. T. Scully, London, England, assignors, by mesne assignments, to International Standard Electric Corporation, New York, N. Y. Negative resistance device for generating oscillations or reducing damping. 2,406,804; Sept. 3.
Chatterjea, Prafulla K., C. T. Scully, and D. M. Ambrose, assignors to Standard Telephones and Cables Limited, London, England. Arrangement for determining and monitoring the duration of electrical pulses. 2,412,963; Dec. 24.
Chatterjea, Prafulla K., and L. W. Houghton, assignors to Standard Telephones and Cables Limited, London, England. Secrecy communication system. 2,412,964; Dec. 24.
Chauvet, Albert L., Piedmont, Calif. Universal sextant. 2,411,870; Dec. 3.
Chavannes, Marc A., Kingston, N. Y. Ventilator for raincoats and the like. 2,400,627; May 21.
Chavannes, Marc A., Genthod, Switzerland, assignor to American Ecla Corporation, Dover, Del. Method of and apparatus for producing elastic fabrics. 2,397,838; Apr. 2.
Chavayda, Joseph J., assignor to The Parker Appliance Company, Cleveland, Ohio. Coupling for tubes. 2,398,618; Apr. 16.
Chavez, Reinaldo C., Santa Rosa, N. Mex. Explosive shell. 2,406,135; Aug. 20.
Cheasley, Thomas C., Kansas City, Mo. Combination retort and hearth for stokers. 2,392,460; Jan. 8.
Cheasley, Thomas C., Kansas City, Mo. Heater. 2,393,855; Jan. 29.
Chechot, Vladimir L., assignor to The Atlantic Refining Company, Philadelphia, Pa. Treatment of hydrocarbon oils. 2,402,804; June 25.
Chechot, Vladimir L., Philadelphia, and L. S. Howe, Drexel Hill, assignors to The Atlantic Refining Company, Philadelphia, Pa. Production of oil solutions of alkaline earth metal sulphonates. 2,401,614; June 4.
Cheek, Robert C.: *See*—
Derr, Willard A., and Cheek.
Cheek, Robert C., East Liberty, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Signaling system. 2,393,021; Jan. 15.
Chemical Concentrates Corp., assignee: *See*—
Levin, David.
Chemical Construction Corporation, assignee: *See*—
Hitchon, Carl K., and Pennell.
Mohr, Albert C.
Schideler, Pierre, and Richardson.
Titlestad, Nicolay.
Chemical Development Company, assignee, et al.: *See*—
Pattilloch, Donald K.
Chemical Development Corporation, assignee: *See*—
Luaces, Enrique L., and Crosby.
Strickland, Elizabeth D.
Toulmin, Harry A., Jr.
Chemical Developments Corporation, assignee: *See*—
Luaces, Enrique L.
Chemical Foundation, Incorporated, The, assignee: *See*—
Hixson, Arthur W., and Miller.
Chemical Foundation, Incorporated, The, assignee, trustee: *See*—
Hixson, Arthur W., and Miller.
Chemical Service Company, assignee: *See*—
Munn, John E.
Cheney, Harry A.: *See*—
McMillan, Frank M., and Cheney.
Cheney, Harry A., Oakland, assignor to Shell Development Company, San Francisco, Calif. Manufacture of supported catalysts. 2,407,813; Sept. 17.
Cheney, Harry A., Oakland, assignor to Shell Development Company, San Francisco, Calif. Catalysts. 2,407,814; Sept. 17.
Cheney, Harry A., and F. M. McMillan, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Isomerizing hydrocarbons. 2,394,898; Feb. 12.
Cheney, Lee C., Detroit, and W. G. Bywater, Grosse Pointe Woods, assignors to Parke, Davis & Company, Detroit, Mich. Substituted diphenyl acetate compounds and preparing same. 2,398,410; Apr. 16.
Chenicek, Albert G.: *See*—
Strain, Franklin, Chenicek, and Muskat.
Chenicek, Albert G., Barberton, Ohio, assignor to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Forming rigid sheets of polymerized unsaturated compounds. 2,392,578; Jan. 8.
Chenicek, Albert G., Elmhurst, Long Island, N. Y., assignor to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Unsaturated derivatives of carbamic acid. 2,394,592; Feb. 12.
Chenicek, Albert G., Elmhurst, Long Island, N. Y., assignor to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Unsaturated carbamate and polymers thereof. 2,401,549; June 4.
Chenicek, Joseph A.: *See*—
Thompson, Ralph B., and Chenicek.
Chenicek, Joseph A., and R. B. Thompson, Riverside, assignors to Universal Oil Products Company, Chicago, Ill. Alkylation of isoparaffins. 2,405,490; Aug. 6.
Cherba, Samuel: *See*—
Gronemeyer, Erich, and Cherba.
Cherry-Burrell Corporation, assignee: *See*—
Horneman, Herman C., Hussong, Quam, and Hammer.
Lippold, Adolph J.
Wildermuth, James A.
Cherry-Burrell Corporation, assignee, et al.: *See*—
Lundal, Ingle J., and Robichaux.
Cherry, George L., Western Springs, and C. C. Veale, Wheaton, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Die casting apparatus. 2,393,588; Jan. 29.
Cherry, John: *See*—
Zimbelman, George W., and Cherry.
Cherry Rivet Company, assignee: *See*—
Keating, Herbert J.
Shaff, Ernest H.

Cherry, Sidney J., East Orange, L. C. Werner, Bloomfield, and W. J. Knochel, Irvington, N. J., assignors to Westinghouse Electric Corporation. Electronic device. 2,398,578; Apr. 16.
Chesebrough Manufacturing Company, Consolidated, assignee: *See*—
Beal, George D. and Emery.
Steenbergen, Charles.
Chester, Arthur C., Los Angeles, Calif. Propeller spinner attaching device. 2,394,749; Feb. 12.
Chester, Arthur C., Los Angeles, assignor to North American Aviation, Inc., Inglewood, Calif. Oil tank. 2,399,323; Apr. 30.
Chester Manufacturing Company, assignee: *See*—
Wright, Hal F.
Chesus, Frank O.: *See*—
Richardson, Avery G., and Chesus.
Chesus, Frank O., Jackson Heights, assignor to Federal Telephone and Radio Corporation, New York, N. Y. Coupling circuit. 2,391,880; Jan. 1.
Chevigny, Georges P., New York, N. Y., assignor to Federal Telephone and Radio Corporation. Electron discharge device. 2,404,363; July 23.
Chevigny, Georges P., Kew Gardens, and E. Labin, New York, N. Y., assignors to Federal Telephone and Radio Corporation. Electron discharge device. 2,402,600; June 25.
Chevigny, Georges P., New York, and E. Labin, Kew Gardens, N. Y., assignors to Federal Telephone and Radio Corporation. Electron discharge device. 2,402,601; June 25.
Chevigny, Georges P., Kew Gardens, and H. G. Busignies, Forest Hills, N. Y., assignors to International Standard Electric Corporation. Electrode structure. 2,412,965; Dec. 24.
Chevigny, Paul G., New York, N. Y., assignor to Federal Telephone and Radio Corporation, Newark, N. J. Making cathodes. 2,397,533; Apr. 2.
Chevigny, Paul G., New York, N. Y., assignor to Federal Telephone and Radio Corporation. Vacuum tube structure. 2,402,602; June 25.
Chevigny, Paul G., New York, N. Y., assignor to Federal Telephone and Radio Corporation, Newark, N. J. Cathode structure. 2,411,506; Nov. 26.
Chevigny, Paul G., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Preparation of electrodes. 2,411,522; Nov. 26.
Chevigny, Paul G., New York, N. Y., and J. J. Glauber, West Orange, N. J., assignors to Federal Telephone and Radio Corporation, New York, N. Y. Electron discharge device. 2,411,523; Nov. 26.
Cheyney, La Verne E., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Coated paper. 2,392,972; Jan. 15.
Chiarello, Stefano, Brooklyn, N. Y. Fire escape. 2,393,087; Jan. 15.
Chicago Aerial Survey Company, The, assignee: *See*—
Sonne, Frederick T., and Sussin.
Chicago Bridge & Iron Company, assignee: *See*—
Boardman, Harry C.
Chicago Cardboard Company, assignee: *See*—
Burr, Ned.
Chicago Electric Manufacturing Company, assignee: *See*—
Gough, James J.
Chicago Eye Shield Company, assignee: *See*—
Malcom, Robert.
Malcom, Robert L.
Chicago Flexible Shaft Company, assignee: *See*—
Anderson, Charles E.
Jepson, Ivar.
Purpura, August C.
Storm, Herbert F.
Chicago Forging & Manufacturing Company, assignee: *See*—
Howe, Earl E.
Chicago Metal Hose Corporation, assignee: *See*—
Farrar, John F. P.
Johnson, Axel F.
Chicago Metallic Manufacturing Company, assignee: *See*—
Langel, Adrien L.
Chicago Pneumatic Tool Company, assignee: *See*—
Fischer, Howard R.
Meunier, Leon F.
O'Farrell, Matthew.
O'Farrell, Matthew, and St. Louis.
Stevens, Edward W.
Tucker, Mana L.
Chicago Pump Company, assignee: *See*—
Chase, Corson W.
Lannert, William H.
Chicago Railway Equipment Company, assignee: *See*—
Busse, Edwin G.
Ekholm, Herbert W.
Wasberg, Axel.
Chicago Rawhide Manufacturing Company, assignee: *See*—
Vedovell, Rudolph J.
Chicago Vitreous Enamel Product Company, assignee: *See*—
Zander, Jason M.
Chicago Wheel & Manufacturing Company, assignee: *See*—
Miller, Robert I., and Bartz.
Chiksan Tool Company, assignee: *See*—
Phillips, Dwight M.
Chilcot, Arthur L., Thuperley, and S. Jackson, Chadderton, England. Mounting of electrodes in electric discharge tubes. 2,395,991; Mar. 5.
Child, Herbert E.: *See*—
Gwaltney, Eugene C., and Child.
Childers, Harry F., Merriam, Kans., assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Automatic tension device. 2,396,492; Mar. 12.
Childers, Harry S., Fresno, Calif. Circuit controller. 2,391,866; Jan. 1.
Childers, Roscoe O.: *See*—
Glover, Robert C., and Childers.
Childers, Troy F., Joplin, Mo. Termite control device. 2,404,272; July 16.
Childs, Percy A.: *See*—
Towner, Stanley H., and Childs.
Chilman, John A., Gloucester, England, assignor to Rotol Limited. Lever-operated electric switching device. 2,395,036; Feb. 19.
Chilman, John A., Gloucester, England, assignee to Rotol Limited. Limit switch system. 2,406,196; Aug. 20.
Chilman, John A., Gloucester, England, assignor to Rotol Limited. Brake for electric motors. 2,410,630; Nov. 5.
Chilton, Allan, Ridgewood, N. J., assignor to Wright Aeronautical Corporation. Engine cooling fan. 2,396,232; Mar. 12.
Chilton, Allan, Ridgewood, N. J., assignor to Wright Aeronautical Corporation. Valve operating mechanism. 2,398,206; Apr. 9.
Chilton, Allan, Ridgewood, N. J., assignor to Wright Aeronautical Corporation. Torsion valve spring. 2,398,207; Apr. 9.
Chilton, Judd E., Chicago, Ill. Curtain rod. 2,399,001; Apr. 23.
Chilton, Roland, Ridgewood, N. J., assignor to Wright Aeronautical Corporation. Transmission. 2,398,208; Apr. 9.
Chilton, Roland, Ridgewood, N. J., assignor to Wright Aeronautical Corporation. Balanced hydraulic clutch. 2,399,853; May 7.
Chilton, Roland, Ridgewood, N. J., assignor to Wright Aeronautical Corporation. Transmission. 2,400,536; May 21.
Chilton, Roland, Ridgewood, N. J., assignor to Wright Aeronautical Corporation. Transmission. 2,400,537; May 21.
Chilton, Roland, Ridgewood, N. J., assignor to Wright Aeronautical Corporation. Transmission. 2,400,538; May 21.
Chilton, Roland, Ridgewood, N. J., assignor to Wright Aeronautical Corporation. Transmission. 2,400,539; May 21.
Chilton, Roland, Ridgewood, N. J., assignor to Wright Aeronautical Corporation. Transmission. 2,400,540; May 21.
Chilton, Roland, Ridgewood, N. J., assignor to Wright Aeronautical Corporation. Valve gear. 2,404,827; July 30.
Chilton, Roland, Ridgewood, N. J., assignor to Wright Aeronautical Corporation. Valve mechanism. 2,404,828; July 30.
Chilton, Roland, Ridgewood, and D. G. MacCulloch, Hawthorne, N. J., assignors to Wright Aeronautical Corporation. Control mechanism. 2,410,631; Nov. 5.
Chisholm, Harry L., Jr., Buffalo, N. Y., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Hydraulic pump or motor. 2,396,316; Mar. 12.
Chisholm, Ralph L., West Newton, Mass., assignor to Universal Winding Company, Cranston, R. I. Bobbin-identifying device for winding machines. 2,393,973; Feb. 5.
Chittum, Elbert C., Catonsville, assignor to Chittum-Kidd Company, Inc., Baltimore, Md. Display card. 2,401,615; June 4.
Chittum, James P., and G. E. Hulse, Passaic, N. J., assignors to United States Rubber Company, New York, N. Y. Rubber hydrochloride compositions. 2,405,343; Aug. 6.
Chittum-Kidd Company, Inc., assignee: *See*—
Chittum, Elbert C.
Chitty, Michael W. G., Ilford, assignor to The Plessey Company Limited, Essex, England. Electrical ignition system. 2,397,725; Apr. 2.
Chmielewskf, Erwin A., Milwaukee, Wis. Welding method and apparatus. 2,395,723; Feb. 26.
Chmielowiec, Edward J., now by judicial change of name E. J. Chalmers, assignor of two-fifths to N. Chalmers, Glenville, Conn. Spraying device. 2,397,455; Mar. 26.
Choat, Samuel C., assignor of one-tenth to B. C. Flaxel, North Bend, Oreg. Loading device. 2,411,821; Nov. 26.
Choate, Roy E., and E. W. Austin, assignors to La Plant-Choate Manufacturing Company, Incorporated, Cedar Rapids, Iowa. Vehicle. 2,406,944; Sept. 3.
Chollar, Robert G., assignor to The National Cash Register Company, Dayton, Ohio. Porous resilient printing plate. 2,392,521; Jan. 8.

Chott, George A., Chicago, assignor of one-half to H. J. Chott, Riverside, Ill. Making dental polishing tool. 2,393,751; Jan. 29.

Chott, Hugo J., assignee: *See*—
Chott, George A.

Chouinard, Alfred F., assignor to National Cylinder Gas Company, Chicago, Ill. Torch cutting machine. 2,401,721; June 11.

Chouinard, Lawrence A., Indian Orchard, Mass. Tank filler. 2,399,167; Apr. 30.

Choulings, Leslie C., assignor to Automotive Products Company Limited, Leamington Spa, England. Liquid pressure servo-motor device. 2,410,269; Oct. 29.

Chrestoff, Christopher, assignor to The National Acme Company, Cleveland, Ohio. Floating gripping jaw for rises and chucks. 2,392,310; Jan. 8.

Chris, Stephen J., Pacific Palisades, assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Clamping structure. 2,409,253; Oct. 15.

Christ, Robert E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Fiber-forming polymers and making them. 2,396,248; Mar. 12.

Christaldi, Peter S., Upper Montclair, assignor to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Device for measuring impedances. 2,409,419; Oct. 15.

Christansen Machine Company, The, assignee: *See*—
Belluche, Frank R.

Christensen, Alfred C., Chicago, assignor to H. S. Simpson, Evanston, Ill. Mixer. 2,413,603; Dec. 31.

Christensen, Donald W., and S. Sadlon, Racine, Wis., assignors to Young Radiator Company. Motor bracket. 2,400,224; May 14.

Christensen, Edward C., Denmark, Wis. Towing pole. 2,409,662; Oct. 22.

Christensen, Howard, Long Island City, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Resistor. 2,407,251; Sept. 10.

Christensen, Niels A., South Euclid, Ohio. Pressure seal. 2,394,364; Feb. 5.

Christensen, Niels A., South Euclid, Ohio. Hydraulic brake. 2,396,155; Mar. 5.

Christensen, Niels A., South Euclid, Ohio. Accumulator. 2,406,197; Aug. 20.

Christensen, Niels A., South Euclid, Ohio. Pump. 2,410,808; Nov. 12.

Christensen, Niels C., Salt Lake City, Utah. Method of and apparatus for spraying. 2,404,273; July 16.

Christensen, Niels C., assignor to Combined Metals Reduction Company, Salt Lake City, Utah. Recovering zinc from chloride solutions. 2,402,371; June 18.

Christensen, Niels C., assignor to Combined Metals Reduction Company, Salt Lake City, Utah. Recovery and decomposition of MgCl$_2$. 2,413,292; Dec. 31.

Christensen, Niels P., University City, and R. E. Sturhahn, Webster Groves, Mo. Treating dairy products. 2,400,454; May 14.

Christensen, Norman V., Chicago, H. J. Le Vesconte, Western Springs, and A. M. Schweda, assignors to Union Special Machine Company, Chicago, Ill. Thread control mechanism for sewing machines. 2,394,365; Feb. 5.

Christensen, Norman V., Chicago, and G. Sauer, Berwyn, assignors to Union Special Machine Company, Chicago, Ill. Sewing machine. 2,400,741; May 21.

Christensen, Paul M., West Hartford, Conn., assignor, by mesne assignments, to Federal Electric Products Company, Inc., Newark, N. J. Circuit breaker construction. 2,403,051; July 2.

Christenson, Ben, Pasadena, Calif. Hot water bag. 2,411,677; Nov. 26.

Christenson, Ben M., Pasadena, Calif. Bundle rack for bicycles. 2,391,945; Jan. 1.

Christenson, Frank, Jamaica Estates, assignor to Refractory & Insulation Corporation, New York, N. Y. Prefabricated ceramic combustion chamber. 2,392,121; Jan. 1.

Christian, David A., Batley, assignor to Siemens Brothers & Co. Limited, London, England. Electrical timing arrangement. 2,409,105; Oct. 8.

Christian, Dean R., Medina, assignor to The Brush Development Company, Cleveland, Ohio. Transducer. 2,402,531; June 25.

Christian, Frank T., Elmira, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Automatic control for carburetor choke valves. 2,394,665; Feb. 12.

Christian, Frank T., Elmira, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Mechanical time fuse. 2,396,987; Mar. 19.

Christian, John C., Jr.: *See*—
Ostlund, Albion L., and Christian.

Christian, Joseph D., San Francisco, Calif. Speed change unit. 2,407,975; Sept. 24.

Christian, L. C., assignee, et al.: *See*—
Humason, Granville A.

Christian, Manfred: *See*—
Florian, Ernst, Petersen, and Christian.

Christiansen, Andrew L., Willowbrook, Calif. Flaking machine for fish and the like. 2,403,910; July 16.

Christiansen, Christian, St. Cloud, Minn. Tractor mounted loader. 2,410,567; Nov. 5.

Christiansen, Christian, Swampscott, assignor to Rotary Machine Company, Inc., Lynn, Mass. Folding machine. 2,400,074; May 14.

Christiansen, John, Berwick, Pa., assignor to American Car and Foundry Company, New York, N. Y. Car door construction. 2,397,335; Mar. 26.

Christiansen, Walter G., Glen Ridge, and S. E. Harris, Nutley, N. J., assignors to E. R. Squibb & Sons, New York, N. Y. Chemical compounds. 2,404,691; July 23.

Christiansen, Walter G., Glen Ridge, and S. E. Harris, Nutley, N. J., assignors to E. R. Squibb & Sons, New York, N. Y. Amino alcohol esters of alkyl-substituted alkoxy benzoic acids. 2,409,663; Oct. 22.

Christiansen, Walter G., Glen Ridge, and S. E. Harris, Nutley, N. J., assignors to E. R. Squibb & Sons, New York, N. Y. Chemical compounds. 2,412,966; Dec. 24.

Christie, George S., Paterson, N. J. Calculating machine. 2,396,249; Mar. 12.

Christie, Lewis D., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Incendiary bullet. 2,398,287; Apr. 9.

Christie, Soren L., Los Angeles, Calif. Rectifier regulating system. 2,403,637; July 9.

Christie, Stanley J. A., Oshawa, Ontario, Canada. Special tool. 2,404,274; July 16.

Christman, Peter J., Green Bay, Wis. Facing and boring device. 2,404,433; July 23.

Christmann, John L., Passaic, N. J. Automatic scale. 2,394,593; Feb. 12.

Christner, Howard F., Frederick A. Lobley, and C. F. Miles, assignors to Ames Company, Inc., Elkhart, Ind. Container. 2,410,928; Nov. 12.

Christopher, Arthur J., Teaneck, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sealing of metallic members in molded casings. 2,392,311; Jan. 8.

Chromogen, Incorporated, assignee: *See*—
Gaspar, Bela.

Chronis, Steve, Corona, N. Y., assignor, by mesne assignments, to Solar Aircraft Company, San Diego, Calif. Carbon arc electrode holder. 2,406,403; Aug. 6.

Chrysler Corporation, assignee: *See*—
Baird, Donald A., and Auten.
Ball, Thomas M.
Borden, David M.
Bowlus, Omer.
Butterfield, John P.
Butterfield, John P., Borden, and Vogt.
Cousino, Walter P.
Fishburn, Otto E.
Glifillan, Henry W.
Glifillan, Henry W., and Bailey.
Glifillan, Henry W., Borden, and Wyckoff.
Herreshoff, Alexander G.
Herreshoff, Alexander G., and Lamb.
La Brie, Ludger E.
Langhammer, Anthony J.
Livar, Allen P.
Livar, Allen P., and Gilmore.
Nims, Paul T., and Bowlus.
Parker, Glenn H.
Pennington, Gordon R.
Perfetti, John F., and Waldron.
Klinger, James D.
Sassmanhausen, Lee C.
Slack, Frederic W., and Utz.
Staley, Allen C.
Terry, Rex A.
Wallace, David A.

Chu, Helga M.: *See*—
Chu, Hing F. and H. M.

Chu, Helga M. and H. F., Larchmont, N. Y. One piece, third dimension, cut out toy. 2,412,231; Dec. 10.

Chu, Hing F.: *See*—
Chu, Helga M. and H. F.

Chu, Hing F. and H. M., Larchmont, N. Y. Kite. 2,394,366; Feb. 5.

Chu, Hing F. and H. M., Larchmont, N. Y. Alternating cloth doll and constructing same. 2,406,994; Sept. 3.

Chu, Hing F. and H. M., Larchmont, N. Y. Tailless kite. 2,412,322; Dec. 10.

Chu, Lan J., Brookline, Mass., assignor, by mesne assignments, to the Government of the United States of America, as represented by the Secretary of War. Antenna. 2,408,373; Oct. 1.

Chubb, Alexander A.: *See*—
Bligh, Norman R., Heller, Stenning, and Chubb.

Chubb, Lewis W., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Recognition light system. 2,406,320; Aug. 27.

Chubb, Lewis W., Jr., Sharon, and C. J. T. Young, Cambridge, Mass., assignors to Polaroid Corporation, Dover, Del. Coating composition. 2,397,242; Mar. 26.

Chubbuck, Leonard B., Hamilton, Ontario, Canada, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit interrupter. 2,411,366; Nov. 19.

Chumasero, John: *See*—
Guthrie, Robert G., and Chumasero.

Chun, Melvin E., La Jolla, assignor to Lane-Wells Company, Los Angeles, Calif. Electrical well logging method and apparatus. 2,393,009; Jan. 15.

Chunn, Charles J., Sierra Madre, assignor to Adel Precision Products Corp., Burbank, Calif. Cushioned clip. 2,404,473; July 23.

Church, Ira L., Reed City, Mich. Saw-tooth setting device. 2,408,197; Sept. 24.

Church, Joseph H.: *See*—
Moore, Wiley T., Church, and Thibodeau.

Church, Joseph H., Austin, Minn., and W. E. Thibodeau, Cleveland, Ohio. Projectile fuse. 2,399,663; May 7.

Church, Joseph H., Austin, Minn., and W. E. Thibodeau, Cleveland, Ohio. Petard missile. 2,412,907; Dec. 24.

Church, Walter L., Houston, Tex. Packer anchor. 2,404,692; July 23.

Churchill, John A.: *See*—
Cowdrey, Cecil L., and Churchill.

Churchill, Wilmer H., Saugus, Mass., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Covering installation and attaching clip therefor. 2,406,665; Aug. 27.

Churchill, Wilmer H., Saugus, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Shiftable cowling and like socket fastener member. 2,407,815; Sept. 17.

Churchman, John A., Guymon, Tex. Portable grain elevator. 2,410,012; Oct. 29.

Chynoweth, John L.: *See*—
Alfthan, Johannes, and Chynoweth.

Ciba Pharmaceutical Products Inc., assignee: *See*—
Djerassi, Huttrer, and Scholz.
Erlenmeyer, Hans.
Hartmann, Max, Miescher, Kaegi, and Bosshard.
Miescher, Karl, and Heer.
Miescher, Karl and Marxer.
Miescher, Karl, and Meystre.
Ruzicka, Leopold.

Ciba Products Corporation, assignee: *See*—
Widmer, Gustav.

Cibs, Anthony F., Cleveland Heights, Ohio, assignor to Chase Brass & Copper Co., Incorporated, Waterbury, Conn. Tube-severing mechanism. 2,404,901; July 30.

Cierva Autogiro Company Limited, The, assignee: *See*—
Pullin, Cyril G.

Cimaglia, Arthur C., Chicago, Ill. Toy gun. 2,408,913; Oct. 8.

Cinch Manufacturing Corporation, assignee: *See*—
Del Camp, Scipione M.

Cincinnati Bickford Tool Company, The, assignee: *See*—
Schauer, Orni E., and Long.
Schauer, Lawrence L., and McKewen.

Cincinnati Industries, Inc., assignee: *See*—
Rowe, William W.

Cincinnati Milling Machine Co., The, assignee: *See*—
Decker, Jacob, and Binns.
Ernst, Hans.
Ernst, Hans, Grieb, and Field.
Herfurth, Charles.
Nenninger, Lester F., and Hassman.
Yates, Edward W., and Armandroc.

Cincinnati Mine Machinery Company, The, assignee: *See*—
Cartlidge, John R.

Ciper, Anthony L., Glenwillard, and A. W. Snyder, Aliquippa, Pa. Elevated hanger and lamp lowering and hoisting means. 2,407,869; Sept. 17.

Ciroli, David E., Pueblo, Colo. Onion sorting machine. 2,396,553; Mar. 12.

Cislak, Francis E., and W. R. Wheeler, assignors to Reilly Tar & Chemical Corporation, Indianapolis, Ind. Manufacturing pyridinecarboxylic acids. 2,396,457; Mar. 12.

Cislak, Francis E., and W. H. Rieger, Indianapolis, Ind., assignors to Reilly Tar & Chemical Corporation. Vulcanized synthetic elastomer and making it. 2,402,020; June 11.

Cities Service Oil Company, assignee: *See*—
Brandt, David G.
Engelke, Ernest F.
Morgan, John D.
Morgan, John D., and Levitt.
Morgan, John D., and Lowe.
Morgan, John D., and Sullivan.
Sullivan, Alan P.
Workman, Arnold R.

Citizens and Manufacturers National Bank of Waterbury, The, Administrator: *See*—
Lusher, Albert C.

City Asphalt and Paving Company, The, assignee: *See*—
Miller, William J.

City Auto Stamping Company, The, assignee: *See*—
Baier, Sydney W.

City Engineering Company, The, assignee: *See*—
Wilson, Delbert L., and Quinn.

Cizek, Albert W., Jr.: *See*—
Kallas, Danos H., Cizek, and Nestlen.

Cizek, Frank G.: *See*—
Hess, Reiza J., and Cizek.

Cizek, Vojtech, Astoria, Long Island, assignor to Waldes Koh-I-Noor, Inc., Long Island City, N. Y. Slide fastener. 2,395,370; Feb. 19.

Claassen, Frederic S., Bergenfield, N. J. Electroacoustic binaural listening system. 2,393,885; Jan. 29.

Clack, Karl D. G.: *See*—
Britton, Edgar C., Coleman, and Clack.

Claesson, Per H. E.: *See*—
Rost, Fabian H., and Claesson.
Rost, Helge F., Claesson, and Svensson.
Rost, Helge F., Thunell, Vigren, and Claesson.

Clafendetcher, Christ R.: *See*—
Ramstack, Erich F., and Clafendetcher.

Claflin, Roland S., Park Ridge, Ill. Teething device. 2,408,735; Oct. 8.

Clancy, Gilbert E., assignor to Drayer & Hanson, Incorporated, Los Angeles, Calif. Impulse pumping system. 2,400,290; May 14.

Clapp, Edwin A., Niagara Falls, and L. V. Spangberg, Youngstown, N. Y., assignors to The Linde Air Products Company. Multielectrode welding head. 2,401,722; June 11.

Clapp, Richard G., Haverford, assignor, by mesne assignments, to Philco Corporation, Philadelphia, Pa. High-frequency attenuator and divider circuits. 2,409,474; Oct. 15.

Clapp, Roy A., Minneapolis, Minn. Tape moving mechanism. 2,409,834; Oct. 22.

Clapper, Ray L., West New Brighton, Staten Island, assignor to The Griscom Russell Company, New York, N. Y. Removing defective tubes from tube sheets. 2,411,246; Nov. 19.

Clapsadle, Leo J., J. C. Kratzer, Kenmore, and E. E. Sommer, Larchmont, N. Y., assignors to The Linde Air Products Company. Cooling system for internal-combustion engines. 2,408,374; Oct. 1.

Clark, Albert R., J. C. Buck and R. V. De Vries, assignors to The De Vilbiss Company, Toledo, Ohio. Air washing means. 2,395,960; Mar. 5.

Clark, Andrew D., Pietermaritzburg, Natal, Union of South Africa. Thrashing machine. 2,403,638; July 9.

Clark, Carleton B.: *See*—
Adams, Charles R., and Clark.
Bax, Alfred R., Kielhorn, and Forney.

Clark, Charles C., Kenmore, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Resinous compositions and plasticizers therefor. 2,398,882; Apr. 23.

Clark, Charles R., Springfield Township, Montgomery County, Pa., assignor, by mesne assignments, to Allied Chemical & Dye Corporation. Recovery of toluene. 2,397,839; Apr. 2.

Clark, Charles R., assignor to Allied Chemical & Dye Corporation, New York, N. Y. Recovery of toluene from oils. 2,407,364; Sept. 10.

Clark, Charles W., and E. M. Elkin, Montreal, Quebec, assignors to Canadian Copper Refiners, Limited, Toronto, Ontario, Canada. Making selenium dioxide. 2,406,666; Aug. 27.

Clark, Charles W., Westmount, E. M. Elkin, Montreal, Quebec, Canada, and G. R. Waitkins, Flemington, N. J., assignors to Canadian Copper Refiners Limited, Montreal East, Quebec, Canada. Producing pure selenium. 2,409,835; Oct. 22.

Clark, Chauncey R., Miami, Fla. Rug securing means. 2,410,479; Nov. 5.

Clark Controller Company, The, assignee: *See*—
Few, William.

Clark, Cornelius S., Norfolk, Va. Piston. 2,395,847; Mar. 5.

Clark, Cornelius S., Norfolk, Va. Piston. 2,396,084; Mar. 5.

Clark, Donald E., San Diego, A. B. Steiner, La Jolla, and K. F. Gibsen, assignors to Kelco Company, San Diego, Calif. Algin-bitumen composition and its method of preparation. 2,393,022; Jan. 15.

Clark, Donald H., Stockton, Calif. Bead dispenser control. 2,407,628; Sept. 17.

Clark, Earl K., Mansfield, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Heating appliance. 2,409,420; Oct. 15.

Clark, Earl K., Mansfield, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Heating apparatus. 2,410,013; Oct. 29.

Clark, Earl K., Mansfield, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Heating apparatus. 2,410,014; Oct. 29.

Clark, Earl K., and J. S. Wojcik, Mansfield, Ohio, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Thermostat. 2,398,579; Apr. 16.

Clark, Earl W., Buffalo, assignor to Allied Chemical & Dye Corporation, New York, N. Y. Dyestuff composition. 2,406,586; Aug. 27.

Clark, Egbert, Gamboa, C. Z. Exhaust mechanism for internal-combustion engines. 2,401,858; June 11.

Clark, Elizabeth C., New York, N. Y. Pantie girdle. Re. 22,738; Apr. 2.

Clark Equipment Company, assignee: *See*—
Burger, Frederick W.
Burrows, Robert J., and Williams.
Burrus, Robert E.
Dence, Donald S.
Lapsley, Robert.
Lapsley, Robert, and Dence.
Ormsby, Donald D.
Spatta, George.
Williams, Alfred O.

Clark, Eugene E., assignor to American Screw Company, Providence, R. I. Tool. 2,400,684; May 21.

Clark, Frank M., Pittsfield, Mass., assignor to General Electric Company. Halogenated compositions. 2,394,367; Feb. 5.

Clark, Frank M., Pittsfield, Mass., assignor to General Electric Company. Halogenated nitronaphthalene compositions. 2,402,872; June 25.

Clark, Frank M., Pittsfield, Mass., assignor to General Electric Company. Dielectric and insulating composition. 2,410,714; Nov. 5.

Clark, Frank M., Pittsfield, Mass., assignor to General Electric Company. Hydrogenated oil composition. 2,410,715; Nov. 5.

Clark, Frank M., Pittsfield, Mass., assignor to General Electric Company. Liquid stable at low temperatures. 2,413,170; Dec. 24.

Clark, Frank W., Sanford, Maine. Saw. 2,399,541; Apr. 30.

Clark, Frank W., assignor, by mesne assignments, to Goodall-Sanford, Inc., Sanford, Maine. Composite sheet material. 2,400,487; May 21.

Clark, George A., Elwood, Nebr. Pessary. 2,398,518; Apr. 16.

Clark, Gerald T., Hazel Crest, Ill., assignor to The Union Switch and Signal Company, Swissvale, Pa. Railway car retarder. 2,393,146; Jan. 15.

Clark, Gilbert R.: *See*—
Hallborg, Henry E., Gillespie, and Clark.

Clark, Harvey L., Salem, Oreg. Brooder. 2,407,601; Sept. 10.

Clark, Henry B., Elizabeth, N. J. Door operating apparatus. 2,412,871; Dec. 17.

Clark, Hiram S., and C. S. Head, assignors to F & H Manufacturing Company, Los Angeles, Calif. Fastener. 2,393,088; Jan. 15.

Clark, Horace N., Bound Brook, N. J., assignor to Refractory & Insulation Corporation, New York, N. Y. Furnace lining. 2,407,135; Sept. 3.

Clark, James: *See*—
Williams, Frank W., and Clark.

Clark, James A., Port Chester, N. Y., assignor to Sylvania Industrial Corporation, Fredericksburg, Va. Finishing textiles and the product produced. 2,391,867; Jan. 1.

Clark, James A., White Plains, N. Y., assignor to Sylvania Industrial Corporation, Fredericksburg, Va. Process and apparatus for sizing yarns. 2,402,653; June 25.

Clark, John O., University City, Mo., assignor to American Brake Shoe Company. Centrifugal hammer. 2,397,776; Apr. 2.

Clark, John R.: *See*—
King, Wilbert A., Kleiner, and Clark.

Clark, John R., Bethesda, Md. Kiln for brick and other clay products. 2,399,664; May 7.

Clark, John T., West Chicago, Ill., assignor to Wintark, Incorporated. Inflated softball. 2,399,324; Apr. 30.

Clark, John W., Westbrook, Maine, assignor to S. D. Warren Company, Boston, Mass. Mineral-coated printing paper. 2,395,992; Mar. 5.

Clark, John W., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,402,147; June 18.

Clark, John W., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Frequency converter. 2,408,410; Oct. 1.

Clark, Joseph A., South Bend, Ind. Game board. 2,404,693; July 23.

Clark, Joseph B.: *See*—
Farris, Riley F., and Clark.

Clark, Joseph C., Pensauken, N. J., assignor to Radio Corporation of America. Remote-control system. 2,398,519; Apr. 16.

Clark, Joseph L., Wilmington, Del., C. M. Linden, Chattanooga, Tenn., and C. J. Obert, Bessemer, Ala., assignors to Hercules Powder Company, Wilmington, Del. Apparatus for packing explosive in cartridges. 2,404,434; July 23.

Clark, Kendall, Oakwood, assignor to General Motors Corporation, Dayton, Ohio. Domestic appliance. 2,405,404; Aug. 6.

Clark, Kendall, Oakwood, assignor to General Motors Corporation, Dayton, Ohio. Ironing machine. 2,405,491; Aug. 6.

Clark, Kendall, Oakwood, assignor to General Motors Corporation, Dayton, Ohio. Domestic appliance. 2,406,198; Aug. 20.

Clark, Kendall, Oakwood, assignor to General Motors Corporation, Dayton, Ohio. Domestic appliance. 2,408,509; Oct. 1.

Clark, Kenneth C., Watsonville, Calif. Auxiliary wheel and tire carrier. 2,399,207; Apr. 30.

Clark, Le Roy V., New Castle, Pa., assignor to American Cyanamid & Chemical Corporation, New York, N. Y. Stabilized explosive. 2,405,189; Aug. 6.

Clark, Llewellynn J., assignor to The Tanglefoot Company, Grand Rapids, Mich. Filter. 2,403,261; July 2.

Clark, Marion A., Tulare, Calif. Carrying scraper. 2,404,123; July 16.

Clark, Robert A., Jr., Chicago, Ill. Communication system. 2,393,291; Jan. 22.

Clark, Robert A., Jr., Chicago, Ill. Signaling system. 2,410,149; Oct. 29.

Clark, Robert H., assignee: *See*—
Smith, Lawson A.
Tilton, Danley.

Clark, Robert H., Solon, assignor to The Warner & Swasey Company, Cleveland, Ohio. Machine tool. 2,405,686; Aug. 13.

Clark, Robert W., Teaneck, N. J., assignor to Radio Corporation of America. Multirange meter. 2,400,190; May 14.

Clark, Robert W., Teaneck, N. J., and F. J. Somers, Rockville Centre, N. Y., assignors to Radio Corporation of America. Wave length modulation. 2,394,427; Feb. 5.

Clark, Thomas, and L. R. Fellows, assignors to Armstrong Siddeley Motors Limited, Coventry, England. Regulation of rotary compressors. 2,398,619; Apr. 16.

Clark, Thomas, and W. H. Lindsey, Coventry, assignors to Armstrong Siddeley Motors Limited, Park Side, Coventry, England. Internal-combustion turbine plant. 2,404,275; July 16.

Clark, Thomas, E. Y. Windsor, and L. Hart, assignors to Armstrong Siddeley Motors Limited, Coventry, England. Pressure lubrication system. 2,408,914; Oct. 8.

Clark, Thomas C., Jr., Clayton, Mo., assignor to Supply Division, Inc., Robertson, Mo. Wall closure. 2,412,872; Dec. 17.

Clark Thread Company, The, assignee: *See*—
Burgeni, Alfred, and Keown.

Clark, Trevor H., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Distributor. 2,402,603; June 25.

Clark, Trevor H., New York, N. Y., assignor to Federal Telephone and Radio Corporation. Conductor joint and making same. 2,406,805; Sept. 3.

Clark, Warren F., Nashville, Tenn. Mattress for treating human body ailments by heat therapy. Re. 22,763; June 11.

Clark, William B.: *See*—
Sharkey, William H., Cadot, and Clark.

Clark, William H., Riverside, Calif. Cotton chopper. 2,399,854; May 7.

Clarke, Carole A., Glen Ridge, assignor to Federal Telephone and Radio Corporation, Newark, N. J. Rectifier. 2,406,806; Sept. 3.

Clarke, Frederick W.: *See*—
Browne, Donald B., Clarke, and Painter.

Clarke, Gerard J.: *See*—
Malin, Carl J., and Clarke.

Clarke, Harold E., West Somerville, Mass. Foot measuring device. 2,394,149; Feb. 5.

Clarke, Howard F.: *See*—
Dana, Homer J., and Clarke.

Clarke, Howard R., Newton Highlands, Mass. Firearm. 2,401,616; June 4.

Clarke, Lionel W. W., North Rand, Transvaal, Union of South Africa, and B. J. Byrne, Mold, Wales, assignors to Imperial Chemical Industries Limited. Apparatus for treating gases with liquids. 2,400,810; May 21.

Clarke, Louis A.: *See*—
Hatch, George B., Pevere, Clarke, and Bruner.
Pevere, Ernest F., Clarke, and Hatch.

Clarke, Louis A., Fishkill, assignor, by mesne assignments, to The Texas Company, New York, N. Y. Alkylation of hydrocarbons. 2,394,368; Feb. 5.

Clarke, Louis A., Fishkill, assignor to The Texas Company, New York, N. Y. Alkylation of hydrocarbons. 2,402,126; June 18.

Clarke, Louis A., Fishkill, assignor to The Texas Company, New York, N. Y. Alkylation process and products produced thereby. 2,403,501; July 9.

Clarke, Louis A., Fishkill, assignor to The Texas Company, New York, N. Y. Motor fuels and making same. 2,406,667; Aug. 27.

Clarke, Louis A., Fishkill, assignor to The Texas Company, New York, N. Y. Alkylation of hydrocarbons. 2,407,136; Sept. 3.

Clarke, Louis A., Fishkill, assignor to The Texas Company, New York, N. Y. Alkylation of hydrocarbons. 2,407,137; Sept. 3.

Clarke, Louis A., Fishkill, assignor to The Texas Company, New York, N. Y. Alkylation of hydrocarbons. 2,409,544; Oct. 15.

Clarke, Louis A., Beacon, assignor to The Texas Company, New York, N. Y. Manufacture of gasoline hydrocarbons. 2,401,859; June 11.

Clarke, Octave B., assignee: *See*—
Pomeroy, Roy J.

Clarke, Sidney G., Toronto, Ontario, Canada. Golf practice device. 2,402,274; June 18.

Clarke, Stephen T., Southampton, England. Fermentation of beer. 2,393,518; Jan. 22.

Clarke, Thomas B., and F. W. H. Williams, Leicester, England, assignors to United Shoe Machinery Corporation, Flemington, N. J. Chip ejector for heel seat fitting machines. 2,409,737; Oct. 22.

Clarke, William W.: *See*—
Zademach, Erich R., and Clarke.

Clarkson, Alick, Bloomingdale Township, DuPage County, Ill. Liquid fuel burner. 2,398,883; Apr. 23.

Clarkson, Alick, Bloomingdale Township, Du Page County, Ill. Preheating system for internal-combustion engines. 2,400,977; May 28.

Clarkson, Richard G., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilization of organic substances. 2,396,156; Mar. 5.

Clarkson, William P., assignor of fifty per cent to T. B. Nicholson, Corpus Christi, Tex. Dual purpose scale assembly. 2,394,983; Feb. 19.

Clary, Hugh L., Hillsborough, and W. H. Petit, assignors, by direct and mesne assignments, to Clary Multiplier Corporation, Los Angeles, Calif. Multiplying unit. 2,403,480; July 9.

Clary Multiplier Corporation, assignee: *See*—
Clary, Hugh L., and Petit.

Clasen, Claus J. W., assignor to American Steel Foundries, Chicago, Ill. Car truck. 2,406,199; Aug. 20.

Clasen, John H., assignee: *See*—
Mellen, William F., and Clasen.

Clausen, De Witt: *See*—
Yeomans, Lucien L., and Clausen.

Clausen, Henry P., White Plains, N. Y., assignor to The Gray Manufacturing Company, Hartford, Conn. Apparatus for determining the proficiency of code students. 2,401,462; June 4.

Clausen, Heriberto E. G. J., and M. A. G. Fabin, Buenos Aires, Argentina. Turbulent burner for fuels in general. 2,395,103; Feb. 19.

Clauser, Francis H., Santa Monica, and C. C. Wood, West Los Angeles, assignors to Douglas Aircraft Company, Inc., Santa Monica, Calif. Lateral control arrangement. 2,407,401; Sept. 10.

Clausing, George, assignor to Vulcan Corporation, Portsmouth, Ohio. Automatic heel turning machine. 2,405,941; Aug. 20.

Clausing, George, assignor to Vulcan Corporation, Portsmouth, Ohio. Slip last. 2,405,942; Aug. 20.

Clauson, Bernard A., Duluth, Minn. Safety nut. 2,405,088; July 30.

Clauss, Julius A.: *See*—
Glush, Daniel F., and Clauss.

Claussen, Gerard E., assignor to Machlett Laboratories Incorporated, Springdale, Conn. Structure and making. 2,394,984; Feb. 19.

Claussen, Walter F., Poughkeepsie, assignor to The Texas Company, New York, N. Y. Catalyst regeneration. 2,396,157; Mar. 5.

Claussen, Walter F., Poughkeepsie, assignor to The Texas Company, New York, N. Y. Manufacture of gasoline hydrocarbons. 2,400,075; May 14.

Claussen, William H., and T. M. Powell, Berkeley, assignors, by mesne assignments, to California Research Corporation, San Francisco, Calif. Hydrocarbon conversion. 2,404,902; July 30.

Clay, Murray G., Chicago, Ill. Crane controlling system. Re. 22,785; Sept. 3.

Clay, Murray G., Chicago, Ill. Crane controlling system. 2,391,881; Jan. 1.

Clay, Murray G., Chicago, Ill. Method of and apparatus for controlling directional changes in bombs. 2,397,088; Mar. 26.

Clay, William C.: *See*—
Sullivan, Miles V.

Clay, William L., Oklahoma City, Okla. Oil filter. 2,393,886; Jan. 29.

Clayden, Francis W.: *See*—
Blattner, David G., and Clayden.

Clayman, James, Allston, Mass. Musical toy. 2,396,250; Mar. 12.

Clayton, Andrew B., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine. 2,394,510; Feb. 5.

Clayton, Andrew B., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Lock-stitch sewing machine. 2,394,511; Feb. 5.

Clayton, Andrew B., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Looper throwout mechanism. 2,397,336; Mar. 26.

Clayton, Benjamin, assignee: *See*—
Thurman, Benjamin H.

Clayton, Benjamin, Houston, Tex., assignor, by mesne assignments, to Refining, Unincorporated. Refining oil. 2,392,972; Jan. 15.

Clayton, Benjamin, assignor, by mesne assignments, to B. Clayton, Houston, Tex., doing business as Refining, Unincorporated. Purification of oil. 2,412,251; Dec. 10.

Clayton, Harry E., Holland, N. Y., assignor, by mesne assignments, to Bagpak, Inc. Forming a closure for paper bags. 2,391,946; Jan. 1.

Clayton Manufacturing Company, assignee: *See*—
Arant, Perry.
Griswold, Donald G.

Clayton, Robert H., Jr.: *See*—
Goepfert, Otto F., Straus, and Clayton.

Clayton, Ross M., Sr., Asbury Park, N. J. Automatic air conductor. 2,395,849; Mar. 5.

Clayton, Edward M.: *See*—
Jorgensen, Clarence H., and Claytor.

Claytor, Edward M., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Engine controller. 2,397,534; Apr. 2.

Cleaners Hanger Company, assignee: *See*—
Ruen, Henry C., and Simmons.

Clearing Machine Corporation, assignee: *See*—
Johansen, Elnar K.
Johansen, Elnar K., and Glasner.

Cleaver-Brooks Company, assignee: *See*—
Cleaver, John C., and Resek.

Cleaver, John C., Whitefish Bay, and J. V. Resek, assignor to Cleaver-Brooks Company, Milwaukee, Wis. Sterilizer. 2,398,770; Apr. 23.

Cleaver, William F., Westmount, Quebec, Canada. Calculating device. 2,405,687; Aug. 13.

Clem, Everett W., Shrewsbury, assignor to Rice Barton Corporation, Worcester, Mass. Paper making machine suction device. 2,395,533; Feb. 26.

Clem, Everett W., Shrewsbury, assignor to Rice Barton Corporation, Worcester, Mass. Papermaking machine press section. 2,404,946; July 30.

Clem, James R., Dallas, Tex. Dispensing device. 2,407,402; Sept. 10.

Clem, John A., III, assignee: *See*—
Newman, Strother M.

Clemens, Fred J., Hartford, Conn. Hand tool. 2,398,209; Apr. 9.

Clement, Carl H., Jr., U. S. Army, Fort Belvoir, Va. Boat. 2,392,834; Jan. 15.

Clement, Ivan C., Greenwood, assignor, by mesne assignments, to Submarine Signal Company, Boston, Mass. Sound signaling apparatus. 2,411,146; Nov. 19.

Clements, Ernest W., Kansas City, Kans., assignor to A. A. Kramer, Kansas City, Mo. Adjustable liquid sealed pump. 2,398,520; Apr. 16.

Clements, MacMillan, Southport, Conn. Building construction. 2,402,731; June 25.

Clements, William A., Glendale, Calif. Combination gas and oil burner. 2,393,887; Jan. 29.

Clemetsen, Erling A. and J. A., Prairie View, Ill. Crushing device. 2,407,365; Sept. 10.

Clemetsen, John A.: *See*—
Clemetsen, Erling A. and J. A.

Cleminson, Lew W., assignee, trustee: *See*—
Wessel, Carl.

Clemmer, Julius B., and C. Rampacek, Tuscaloosa, Ala., assignors to the United States of America, as represented by the Secretary of the Interior. Concentrating iron ore. 2,403,481; July 9.

Clemmer, Julius B., and B. H. Clemmons, Tuscaloosa, Ala., assignors to the United States of America, as represented by the Secretary of Interior. Concentrating fluorspar by froth flotation. 2,407,651; Sept. 17.

Clemmons, Ballard H.: *See*—
Clemmer, Julius B., and Clemmons.

Clemons, John E., San Antonio, and J. G. Nelson, Houston, Tex. Rhumb line calculator or distance and course computer. 2,405,113; Aug. 6.

Clerc, Leonard F., Chicago, Ill. Portable refrigerating device for travelers. 2,399,787; May 7.

Clerc, Leonard F., Chicago, Ill. Portable refrigerating device. 2,400,742; May 21.

Cleve, Frank, Jr., Kansas City, Mo. Reinforced resilient shoe heel. 2,395,993; Mar. 5.

Cleveland Automatic Machine Company, The, assignee: *See*—
Carson, Gordon B.

Cleveland Crane & Engineering Company, The, assignee: *See*—
Anjeskey, Alphonse F.
Wehr, William G.

Cleveland Hobbing Machine Company, The, assignee: *See*—
Staples, Otis E.

Cleveland Pneumatic Tool Company, The, assignee: *See*—
Engeln, John F.
Feucht, Albert.
Hoffar, Henry S.
Kovacs, William R.
Lear, Earl B.
Lear, Earl B., and Meyer.
Meyer, Andrew.
Stone, Paul.
Van Sittert, Paul.
Van Sittert, Paul, and Kovacs.

Cleveland Steel Products Corporation, assignee: *See*—
Von Haase, Anthony.

Cleveland Trencher Company, The, assignee: *See*—
Askue, Albert R.

Clevenger, Clarence M., and L. B. Steele, Jr., Waynesboro, Va., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Making resilient batting. 2,402,532; June 25.

Cliffe, Walter R., Hershey, Pa. Rotary kiln. 2,410,598; Nov. 5.

Clifford, Albert M., and J. G. Lichty, Stow, Ohio, assignors to Wingfoot Corporation, Wilmington, Del. Derivatives of proplonic acid. 2,392,974; Jan. 15.

Clifford, Albert M., and J. G. Lichty, Stow, Ohio, assignor to Wingfoot Corporation, Akron, Ohio. Chemical compounds and preppration thereof. 2,407,138; Sept. 3.

Clifford, David G.: *See*—
Rigrod, William W., and Clifford.

Clifford, David G., Palo Alto, Calif., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Reflex klystron. 2,400,743; May 21.

Clifford, David G., Palo Alto, Calif., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electrode support. 2,409,664; Oct. 22.

Clifford, David G., Palo Alto, Calif., and I. E. Mouromtseff, Montclair, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Ultra high-frequency device. 2,407,974; Sept. 24.

Clifford, David G., and E. C. Okress, Montclair, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Switch. 2,413,171; Dec. 24.

Clifford Manufacturing Co., assignee: *See*—
Woods, John E.
Clifford, Thomas W.: *See*—
Taylor, Mark H., and Clifford.
Cliffs Dow Chemical Company, assignee: *See*—
Reiter, Alfred A., and Beman.
Clifton, John C., New Eltham, London, S. E. 9, and F. W. Rabarts, Bexley, assignors to Vickers-Armstrongs Limited, London, England. Hardness calculating device. 2,392,461; Jan. 8.
Clifton, Theodore E., Hyannis, Mass. Shredding machine. 2,396,085; Mar. 5.
Climax Molybdenum Company, assignee: *See*—
Linz, Artfiur.
Cline, Edward T., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Shaped protein structures and their preparation. 2,409,475; Oct. 15.
Cline, McGarvey, assignor to Wood Process Company, Inc., Jacksonville, Fla. Handling crude oleoresins. 2,400,040; May 7.
Cline, Thelma B., San Francisco, Calif. Wrist purse. 2,400,222; May 14.
Clinedinst, William O., Mount Lebanon, Pa., assignor to National Tube Company. Joint and making the same. 2,399,103; Apr. 23.
Clingan, Irvine C., assignor, by mesne assignments, to The American Rolling Mill Company, Middletown, Ohio. Stainless steel and coating same. 2,394,899; Feb. 12.
Clinton Company, assignee: *See*—
Peckham, George T., Jr.
Clisby, Kilshaw I., Montclair, N. J. Patent leather shoe. 2,394,900; Feb. 12.
Clobridge, Charles D., Monroe, Mich. Steam gun and brush combination. 2,392,645; Jan. 8.
Clobedy, Fred W., Sappington, and I. H. Mahne, assignors to Carter Carburetor Corporation, St. Louis, Mo. Nut or bolt locking device. 2,394,666; Feb. 12.
Clopay Corporation, assignee: *See*—
Therton, Arthur L.
Close, John W.: *See*—
Staunton, Le Roy W., Close, and Hess.
Close, Edwin R., U. S. Army, Camp Swift, Tex. Prefabricated building. 2,407,252; Sept. 10.
Clothier, William C., B. Naylor, and J. E. P. Dunning, Farnborough, Hants, England, assignors to The Minister of Supply in His Majesty's Government of the United Kingdom of Great Britain and Ireland, London, England. System for producing regulated liquid pressures. 2,407,139; Sept. 3.
Cloud, William S., Wilmette, Ill. Method and apparatus for wrapping articles. 2,403,482; July 9.
Clough, Newsome H., Brentwood, England, assignor to Radio Corporation of America. Protecting arrangement for thermionic valve circuits. 2,397,337; Mar. 26.
Cloutier, Arthur N., Lonsdale, assignor to Hemphill Company, Central Falls, R. I. Knitting machine. 2,392,312; Jan. 8.
Cloutier, Arthur N., Lonsdale, assignor to Hemphill Company, Central Falls, R. I. Yarn control. 2,400,628; May 21.
Cloutier, George D., assignor to Eversharp, Inc., Chicago, Ill. Fountain pen. 2,398,521; Apr. 16.
Cloutier, Leo, Fall River, Mass. Bowling ball polisher. 2,405,344; Aug. 6.
Cloutier, Raymond J., New Bedford, Mass. Cigarette and cigar holder. 2,398,695; Apr. 16.
Club Aluminum Products Company, assignee: *See*—
Peterson, Amos.
Cluett Peabody & Co., Inc., assignee: *See*—
Baker, James F., and La Mora.
Pfeffer, Edward C., Jr., and Epelberg.
Pfeffer, Edward C., Jr., and Kitaj.
Pfeffer, Edward C., Jr., Tweed, and Jarmak.
Cluley, Alan S., and T. G. Allen, Nuneaton, assignors to Courtaulds Limited, London, England. Process for milling fabrics containing wool and cellulose acetate. 2,407,602; Sept. 10.
Clum, Henry W., Upper Darby, assignor to Philco Corporation, Philadelphia, Pa. Freezing apparatus. 2,407,058; Sept. 3.
Cluman, Albert B., assignor to Wingfoot Corporation, Akron, Ohio. Package. 2,400,390; May 14.
Clute, Gerald P., Drexel Hill, Pa., assignor to General Electric Company. Electric switch. 2,404,216; July 16.
Clyde Paper Company Limited, assignee: *See*—
Inglis, John.
Clymer, Alvin L., and F. W. Milner, Oakland, Calif. Spring-type switch bracket. 2,401,294; June 4.
Cooke, Charles F., Indianapolis, assignor to Senn Corporation, New Augusta, Ind. Electric microgauge system. 2,407,140; Sept. 3.
Cooke, Charles F., Indianapolis, assignor to Senn Corporation, New Augusta, Ind. Electric microgauge system. 2,407,141; Sept. 3.
Coast Metals, Inc., assignee: *See*—
Cape, Arthur T.
Coates, Elmer T., Shrewsbury, assignor to Angelica Jacket Company, St. Louis, Mo. Piping attachment for sewing machines. 2,393,292; Jan. 22.
Coates, George O., Washington, D. C. Antiskid chain. 2,406,995; Sept. 3.
Coats, Gilbert E. Fort Dodge, Iowa. Loading machine. 2,404,619; July 23.
Coats, Gilbert E., Fort Dodge, Iowa. Loading machine. 2,405,114; Aug. 6.
Coats, Hugh L., Wheaton, assignor to Flexible Steel Lacing Company, Chicago, Ill. Applicator for V-belt fasteners. 2,400,629; May 21.
Coats, Hugh L., Wheaton, assignor to Flexible Steel Lacing Company, Chicago, Ill. Applicator for belt fasteners. 2,404,041; July 16.
Cobb, Luther, assignor to F. P. Briscoe, Miami, Fla. Marine bumper and making the same. 2,399,855; May 7.
Cobb, William M., U. S. Army, Daytona Beach, Fla. Detonator or blasting cap. 2,400,103; May 14.
Coben, William S., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Tire construction. 2,404,579; July 23.
Coburn, Kenneth G.: *See*—
Oganowski, Kasimir, Parks, and Coburn.
Cochran, Avery M., Camp Hale, Colo. Snow tractor. 2,393,309; Jan. 22.
Cochran, Albert W., New York, N. Y. Automatic type form cabinet. 2,395,961; Mar. 5.
Cochran, Charles C., assignor, by mesne assignments, to Gelatin Products Corporation, Detroit, Mich. Capsule structure. 2,401,617; June 4.
Cochran, Charles R., Chicago, Ill. Pin curl clip. 2,400,488; May 21.
Cochran, Clarence W.: *See*—
Baratelli, Charles A., Cochran, Dockum, and Guernsey.
Cochran, John A., administrator: *See*—
Peterson, Edgar A.
Cochrane, Bert G., Fairfield, Conn. Bracket and making same. 2,395,215; Feb. 19.
Cockerill, Wilfred H.: *See*—
Smith, Stanley, and Cockerill.
Cockrell, William D., Schenectady, N. Y., assignor to General Electric Company. Apparatus for reducing the visibility of an object silhouetted against the sky. 2,398,620; Apr. 16.
Codet, Howard G.: *See*—
Hill, Ralph M., and Codet.
Lynch, Charles S., and Codet.
Codish, George, New York, N. Y. Sole for shoes, slippers, or other articles of footwear. 2,408,736; Oct. 8.
Cody, Clifford S., Springfield, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Air conditioning apparatus. 2,408,973; Oct. 8.
Coe, Everett L., Marblehead, Mass., assignor to General Electric Company. Centrifugal type compressor. 2,409,836; Oct. 22.
Coe, Frank S.: *See*—
Crocker, William D., and Coe.
Coe, Frank S., assignor to American Bosch Corporation, Springfield, Mass. Ignition distributor. 2,395,611; Feb. 26.
Coe, Harrison S., Palo Alto, Calif. Pumping apparatus. 2,405,734; Aug. 13.
Coe, Mayne R.: *See*—
Coe, Mayne R., Jr., and M. R.
Coe, Mayne R., Jr., Seabrook, Md., and M. R. Coe, Washington, D. C., assignors to the United States of America as represented by the Secretary of Agriculture. Stabilization of oils and fats. 2,397,920; Apr. 9.
Coe, Robert A., Oklahoma City, Okla. Casing elevator. 2,392,462; Jan. 8.
Coes, Loring, Jr., Brookfield, assignor to Norton Company, Worcester, Mass. Resin bonded abrasives. 2,401,138; May 28.
Cofax Corporation, The, assignee: *See*—
Kahn, Milton.
Coffey, Leland D., assignee: *See*—
Estes, Rufus B.
Coffman, Donald D., Lindamere, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Methylethenyloxyacetate. 2,399,625; May 7.
Coffman, Donald D., Lindamere, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymers. 2,399,626; May 7.
Coffman, Donald D., Lindamere, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of a thiophene. 2,410,401; Oct. 29.
Coffman, Donald D., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymeric hydroxamic acids. 2,402,604; June 25.
Coffman, Donald D., and L. F. Salisbury, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Reaction products of butadiene with hydrogen cyanide. 2,402,873; June 25.
Coffman, Donald D., and F. C. McGrew, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Vinyl polymers. 2,404,791; July 30.
Coger, Arlis L., Huntsville, Ark. Magnetic meter drive. 2,399,856; May 7.
Coggins, George F., assignor to Aerovox Corporation, New Bedford, Mass. Aluminum etching. 2,396,685; Mar. 19.
Coghlan, Charles A., Beacon, assignor to The Texas Company, New York, N. Y. Solvent extraction of nusaturated hydrocarbon mixtures. 2,411,025; Nov. 12.

Cogovan, Edward J., Albany, assignor to F. C. Huyck & Sons, Rensselaer, N. Y. Apparatus for conditioning material. 2,401,412; June 4.
Cohen, Aaron: *See*—
Bergel, Franz, and Cohen.
Bergel, Franz, Cohen, and Haworth.
Cohen, Charles A., Roselle Park, N. J., assignor to Standard Oil Development Company. Lubricant and preparing same. 2,413,311; Dec. 31.
Cohen, Charles C., New York, N. Y. Toy. 2,411,614; Nov. 26.
Cohen, Frank A., Brooklyn, N. Y. Undergarment. 2,392,724; Jan. 8.
Cohen, Harold, Elizabeth, N. J. Tower or mast. 2,401,229; May 28.
Cohen, Harold, Elizabeth, N. J. Tower construction. 2,404,276; July 16.
Cohen, Harold, Elizabeth, N. J. Tower or mast. 2,406,668; Aug. 27.
Cohen, Harold, Elizabeth, N. J. Appliance. 2,409,929; Oct. 22.
Cohen, Irving: *See*—
O'Connell, Robert J., Cohen, and Rosenblum.
Cohen, Marshall M., assignee: *See*—
Wintsch, Max T.
Cohen, Matthew: *See*—
Rosenberg, Martin, and Cohen.
Cohen, Maurice M., assignee: *See*—
Fichter, Julius.
Orner, Harry.
Cohen, Morris, Kansas City, Mo., and G. A. Jorgenson and G. Hasty, Chicago, Ill., assignors to Interstate Bakeries Corporation, Kansas City, Mo. Coating and rolling apparatus or the like. 2,402,874; June 25.
Cohen, Morris, Kansas City, Mo., and G. A. Jorgenson, Chicago, Ill., assignors to Interstate Bakeries Corporation, Kansas City, Mo. Particle apportioning device. 2,404,694; July 23.
Cohen, Samuel, Seattle, Wash. Uniform insignia 2,396,158; Mar. 5.
Cohen, Samuel I., Newton, Mass. Garment hanger. 2,403,639; July 9.
Cohen, Theodore A., assignor, by mesne assignments, to Wheelco Instruments Company, Chicago, Ill. Control apparatus for coating machines. 2,392,229; Jan. 1.
Cohen, Theodore A., assignor to Wheelco Instruments Co., Chicago, Ill. Automatic valve. 2,402,732; June 25.
Cohen, Theodore A., assignor to Wheelco Instruments Company, Chicago, Ill. Automatic burner control apparatus. 2,404,903; July 30.
Cohen, Theodore A., assignor, by mesne assignments, to Wheelco Instruments Company, Chicago, Ill. Control apparatus. 2,410,568; Nov. 5.
Cohen, Theodore A., assignor, by mesne assignments, to Wheelco Instruments Company, Chicago, Ill. Electric oscillator and oscillator controlled relay circuit. 2,411,247; Nov. 19.
Cohen, Theodore A., assignor, by mesne assignments, to Wheelco Instruments Company, Chicago, Ill. Electrical system for controlling the level of liquid in containers. 2,411,248; Nov. 19.
Cohn, Harold J., Los Angeles, Calif. Rack device. 2,402,127; June 18.
Cohn, Harold J., assignor of one-half to L. D. Reeder, doing business as L. D. Reeder Co., Los Angeles, Calif. Shower cabinet. 2,394,594; Feb. 12.
Cohn, Lawrence H., University City, Mo. Bottle carrier. 2,408,249; Sept. 24.
Colie, Benjamin F., Athens, Ga., assignor to Fidelity Machine Company, Inc., Philadelphia, Pa. Circular knitting machine. 2,399,002; Apr. 23.
Colbath, Dan L., Schenectady, N. Y., assignor to General Electric Company. Sighting apparatus. 2,406,807; Sept. 3.
Colberg, Rolf, Berlin-Lichterfelde, and F. Michels, Berlin-Zehlendorf, Germany; vested in the Alien Property Custodian. Dynamic multiplier. 2,396,554; Mar. 12.
Colbert, Edward: *See*—
Hedberg, Albert F., and Colbert.
Colbert, William H., Brackenridge, Pa., assignor, by mesne assignments, to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Rearview mirror. 2,397,947; Apr. 9.
Colbert, William H., Brackenridge, Pa., and W. L. Morgan, Columbus, Ohio, assignors, by mesne assignments, to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Colored mirror. 2,394,533; Feb. 12.
Colbert, William H., Brackenridge, Pa., and W. L. Morgan, Columbus, assignors, by mesne assignments, to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Making colored mirrors. 2,411,955; Dec. 3.
Colbert, William H., and A. R. Weinrich, Brackenridge, Pa., assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Evaporating metals. 2,413,604; Dec. 31.
Colbert, William H., and A. R. Weinrich, Brackenridge, Pa., assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Evaporating metals. 2,413,605; Dec. 31.
Colbert, William H., and A. R. Weinrich, Brackenridge, Pa., assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Coating by evaporating metals. 2,413,606; Dec. 31.
Colbeth, Ivor M., East Orange, N. J. Process for dehydrating oil. 2,392,119; Jan. 1.
Colburn, Francs P.: *See*—
Withers, Samuel C., Jr.
Colburn, Richard R., Waterloo, Iowa. Aggregate measurer and feeder. 2,413,293; Dec. 31.
Cold Metal Process Company, The, assignee: *See*—
Goss, Norman P., and Bowen.
Cole, Allen T., and J. B. Duke, Lakeland, Fla., and L. L. McMurray, Lovingston, Va., assignors to Minerals Separation North American Corporation, New York, N. Y. Purification of industrial sands. 2,409,665; Oct. 22.
Cole, Ben R., assignee: *See*—
Mercer, William R., and Cole.
Cole, Bernard T., Burbage, assignor to B. Toone (Nottingham) Limited, Nottingham, England. Picker mechanism and machines, especially knitting machines, incorporating such mechanism. 2,405,405; Aug. 6.
Cole, Charles H., Leonia, N. J. Drill jig. 2,411,776; Nov. 26.
Cole, Edward J., Peekskill, N. Y., assignor to Cole Machinery Mfg. Corp. Making grip nuts. 2,395,037; Feb. 19.
Cole, Eugene, Bradley Beach, and R. E. McCoy, Eatontown, N. J., assignors to the Government of the United States of America, as represented by the Secretary of War. Radio adapter unit. 2,397,128; Mar. 26.
Cole, Gilmoure N., Manchester, assignor to United Aircraft Corporation, East Hartford, Conn. Engine cylinder and head connection. 2,399,468; Apr. 30.
Cole, Harry E., Akron, Ohio. Shot trap for air rifle targets. 2,397,921; Apr. 9.
Cole Industries, Inc., assignee: *See*—
Cole, Louis W., and Jensen.
Cole, Thomas M.
Cole, John W.: *See*—
Julian, Percy L., and Cole.
Cole, Louis W., New York, and H. Jensen, Flushing, assignors to Cole Industries, Inc., Long Island City, N. Y. Electric bus bar construction. 2,400,223; May 14.
Cole, Louis W., New York, and H. Jensen, Flushing, N. Y. assignors to Cole Industries, Inc., Long Island City, N. Y. Bus duct. 2,407,142; Sept. 3.
Cole Machinery Mfg. Corp., assignee: *See*—
Cole, Edward J.
Cole, Percy J., Philadelphia, Pa., assignor to Allied Chemical & Dye Corporation, New York, N. Y. Separation of xylenes. 2,393,888; Jan. 29.
Cole, Quintin P.: *See*—
Winnek, Philip S., and Cole.
Cole, Quintin P., and R. O. Roblin, Jr., Old Greenwich, Conn., assignors to American Cyanamid Company, New York, N. Y. α-amino-α-alkoxybutyric acids and method of preparing the same. 2,407,203; Sept. 3.
Cole, Richard R., assignor of one-half to L. J. Fageol, Los Angeles, Calif. Solenoid lock actuator. 2,395,164; Feb. 19.
Cole, Robert M., Oakland, assignor to Shell Development Company, San Francisco, Calif. Treatment of olefinic sulphur-bearing gasoline to effect substantial desulphurization and refining. 2,392,579; Jan. 8.
Cole, Robert M., Oakland, assignor to Shell Development Company, San Francisco, Calif. Catalytic finishing of gasolines. 2,413,312; Dec. 31.
Cole, Robert M., Long Beach, assignor to Shell Development Company, San Francisco, Calif. Desulphurization of aromatic hydrocarbons. 2,394,751; Feb. 12.
Cole, Robert M., Long Beach, assignor to Shell Development Company, San Francisco, Calif. Treatment of sulphide catalysts. 2,398,175; Apr. 9.
Cole, Robert M., Long Beach, assignor to Shell Development Company, San Francisco, Calif. Catalytic treatment of hydrocarbon oils. 2,406,200; Aug. 20.
Cole, Robert M., and I. I. Shultz, Long Beach, assignors to Shell Development Company, San Francisco, Calif. Execution of catalytic conversions in the presence of ferrous metals. 2,394,750; Feb. 12.
Cole, Robert M., and I. I. Shultz, Long Beach, assignors to Shell Development Company, San Francisco, Calif. Effecting catalytic dehydrogenation processes. 2,403,052; July 2.
Cole, Sandford S., Metuchen, and W. F. Meister, Elizabeth, N. J., assignors to National Lead Company, New York, N. Y. Purification of titanium tetrachloride. 2,396,458; Mar. 12.
Cole, Thomas M., New York, assignor to Cole Industries, Inc., Long Island City, N. Y. Electric switch. 2,412,494; Dec. 10.
Colegrove, Charles E., Lakewood, Ohio, assignor to Sears, Roebuck and Company, Chicago, Ill. Sewing machine arm. Re. 22,822; Dec. 24.
Colegrove, Charles E., Lakewood, assignor to White Sewing Machine Corporation, Cleveland, Ohio. Rotary loop taker for sewing machines (magnetic). 2,394,369; Feb. 5.
Colegrove, Charles E., Lakewood, Ohio, assignor, by mesne assignments, to Sears, Roebuck & Company, Chicago, Ill. Head elevating device for sewing machines. 2,398,696; Apr. 16.

Colegrove, Nathaniel E., Cleveland, Ohio, assignor to Sears, Roebuck & Company, Chicago, Ill. Sewing machine. 2,398,697; Apr. 16.

Coleman, Benjamin F., Prentiss, Miss. Multibarrel machine gun. 2,404,277; July 16.

Coleman, Fred H., Philadelphia, Pa. Filling primers. 2,395,104; Feb. 19.

Coleman, Gerald H.: *See*—
Britton, Edgar C., Coleman, and Clack.

Coleman, Gerald H., and B. C. Hadler, assignors to The Dow Chemical Company, Midland, Mich. Unsaturated esters of halo-aryloxy alcohols. 2,394,512; Feb. 5.

Coleman Lamp and Stove Company, The, assignee: *See*—
Martin, Russell.
Olds, Ambrose D.
Tullis, Boyd W.

Coleman, Ralph A., Naugatuck, Conn., assignor to United States Rubber Company, New York, N. Y. Manufacture of aryl sulphenamides. 2,404,695; July 23.

Cole's Hot Blast Mfg. Co., assignee: *See*—
Brown, Elwood W.

Coley, James P., London, England, assignor, by mesne assignments, to The Union Switch and Signal Company, Swissvale, Pa. Track circuit signaling system for railways and the like. 2,400,811; May 21.

Coley, Silas B., assignee: *See*—
Reavis, Charles N.

Colgate-Palmolive-Peet Company, assignee: *See*—
Childers, Harry F.
Ittner, Martin H.
McGhie, Russell P.
Percy, Joseph H.
Potter, Dwight J.
Richardson, Earl L., and Russell.
Trent, Walter R.

Colgate, Robert B., assignee: *See*—
Brandt, Robert L.

Collar, Gleneth F., and R. C. Young, Seattle, Wash. Crystal filter circuit. 2,405,999; Aug. 20.

Collard, John, London, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. High frequency transformer. 2,395,165; Feb. 19.

Colley, George F., assignor to W. R. Bedingfield, Augusta, Ga. Tire removing apparatus. 2,406,996; Sept. 3.

Colley, Russell S., Kent, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Inflatable protective container. 2,401,230; May 28.

Colley, Russell S., Kent, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Tool for collapsing hollow rivets. 2,403,262; July 2.

Colley, Russell S., Kent, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Partitioned inflatable suit. 2,404,567; July 23.

Colley, Russell S., Kent, C. P. Krupp, Akron, and D. H. Shook, Cuyahoga Falls, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Inflatable suit. 2,410,632; Nov. 5.

Colley, Sherrell V., Fort Smith, Ark. Rear projection device. 2,396,251; Mar. 12.

Collier-Keyworth Company, assignee: *See*—
Sheldrick, Henry W., and Hoglund.

Collins & Aikman Corporation, assignee: *See*—
Conrad, John E.

Collins, Arthur A., Cedar Rapids, Iowa, assignor to Collins Radio Company. Calibration system for radio receivers. 2,393,856; Jan. 29.

Collins, Arthur A., Cedar Rapids, Iowa, assignor to Collins Radio Company. Tuning device clutch. 2,409,192; Oct. 15.

Collins, Arthur E., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Spraying apparatus. 2,404,217; July 16.

Collins, Calhoun, Bakersfield, Calif. Combined leg rest and table. 2,403,263; July 2.

Collins, Clarence P., Titusville, Pa. Magnetic motor. 2,408,375; Oct. 1.

Collins, Clyde M., Willamina, Oreg. Electrical control for stanchions for dairy cattle barns. 2,402,239; June 18.

Collins, Douglas, Salisbury, N. C. Windshield wiper. 2,392,230; Jan. 1.

Collins, Douglas, Salisbury, N. C. Throttle and starter control mechanism. 2,399,542; Apr. 30.

Collins, Henry M.: *See*—
Morrison, George O., and Collins.

Collins, Henry M., and M. Klar, Shawinigan Falls, Quebec, assignors to Shawinigan Chemicals Limited, West Montreal, Canada. Stable emulsions of vinyl esters. 2,398,344; Apr. 16.

Collins, Howard E., La Grange, assignor to Ditto, Incorporated, Chicago, Ill. Duplicating and apparatus therefor. 2,398,288; Apr. 9.

Collins, Howard W., Newark, Ohio, assignor to Owens-Corning Fiberglas Corporation. Bonding glass fabrics to inorganic solids. 2,404,904; July 30.

Collins, Norman C., assignor to Solar Aircraft Company, San Diego, Calif. Torque indicating tool. 2,400,978; May 28.

Collins, Olive R. B., heir: *See*—
Balmforth, Alfred.

Collins, Paul C., Norwood, Pa., assignor to The Baldwin Locomotive Works. Equalizing system. 2,400,685; May 21.

Collins Radio Company: *See*—
Davis, Frank M.

Collins Radio Company, assignee: *See*—
Collins, Arthur A.
May, Richard W.
Olson, Roy H.
Reinschmidt, Edward H.
Wirkler, Walter H.

Collins, Ralph D., assignee, et al.: *See*—
Gerraty, Paul C.

Collins, Robert A., Brunswick, Ga., assignor to Hercules Powder Company, Wilmington, Del. Refining sulphate turpentine. 2,409,614; Oct. 22.

Collins, Robert B., Downers Grove, assignor to Universal Oil Products Company, Chicago, Ill. Apparatus for measuring carbonaceous deposits. 2,404,474; July 23.

Collins, Ronald B.: *See*—
Waller, Cecil, Collins, and Dodd.

Collins, Ronald B., Ilford, and J. Miller, Nottingham, assignors to Ilford Limited, Ilford, England. Photographic material. 2,411,507; Nov. 26.

Collins, Stephen B., Youngstown, assignor to The Astatic Corporation, Conneaut, Ohio. Transducer. 2,395,166; Feb. 19.

Collinson-Jones, Norman: *See*—
Moon, Cecil F., and Collinson-Jones.

Collom, Cletus J., assignee: *See*—
Undy, Gustav.

Collom, Cletus J., and G. E. Undy; said Undy assignor to C. J. Collom, Detroit, Mich., an individual, doing business as Weltronic Company. Electrical control apparatus. 2,395,849; Mar. 5.

Collura, Francesco, New York, N. Y., assignor to The Torrington Manufacturing Co., Torrington, Conn. Electric fan assembly. 2,395,167; Feb. 19.

Colman, George E., Red Bank, N. J., assignor to the Government of the United States of America, as represented by the Secretary of War. Indicating the presence of radio frequency fields. 2,395,850; Mar. 5.

Colman, Howard D., deceased, by H. A. Severson, executor, assignor to Barber-Colman Company, Rockford, Ill. Gearing. 2,397,777; Apr. 2.

Colombo, Achille, New York, N. Y. Typewriting machine. 2,399,788; May 7.

Colonial Broach Company, assignee: *See*—
Thompson, Richard A.
Welte, Benedict.

Colonial Radio Corporation, assignee: *See*—
Birr, Edmund E.
Carlson, Robert W., and Nicholson.
Herrold, George V.
Nicholson, Madison G., Jr.
Pifer, Marion J., Carlzen, and McGarvey.

Colonial Radio Corporation, assignee, et al.: *See*—
Benner, Howard J.

Colorado Fuel & Iron Corporation, The, assignee: *See*—
Bailey, William H.

Colt, Edwin W.: *See*—
Ralston, Anderson W., Crews, and Colt.

Coltman, John W., Forest Hills, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Ultra high-frequency power measuring device. 2,408,198; Sept. 24.

Colton, Merritt Q., assignor to The Ohio Steel Foundry Company, Lima, Ohio. Return bend fitting. 2,402,533; June 25.

Colt's Patent Fire Arms Manufacturing Company, assignee: *See*—
McClure, Laurence H., Jr.
Webb, George.

Columbia Broadcasting System, Inc., assignee: *See*—
Goldmark, Peter C.

Columbia Mills, Inc., The, assignee: *See*—
Burns, Fred J.

Columbia Protektosite Company, Inc., assignee: *See*—
Baldanza, Nicholas T., and Desimone.
Desimone, Anthony J., and Mazza.

Columbian Carbon Company, assignee: *See*—
Johnson, Bernard, and Foster.

Columbus Dental Manufacturing Company, assignee: *See*—
Sigveland, Ivar E.

Columbus McKinnon Chain Corporation, assignee: *See*—
Kieffer, Raymond J.

Colvin, Nolan D., assignor to Deere & Company, Moline, Ill. Dump rake toggle release device. 2,399,789; May 7.

Colwell, Archie T., Cleveland, Ohio, assignor to Thompson Products, Inc. Hollow poppet valve. 2,394,150; Feb. 5.

Colwell, Roland W., Los Angeles, Calif. Garment hanger. 2,401,413; June 3.

Combined Locks Paper Co., assignee: *See*—
Muggleton, Gerald D., and Piepenberg.

Combined Metals Reduction Company, assignee: *See*—
Christensen, Niels C.

Combridge, George A., Los Angeles, Calif. Welding rod holder. 2,405,406; Aug. 6.

Combs, Edward E., Long Branch, N. J., assignor to The Government of the United States of America, as represented by the Secretary of War. Hand reel. 2,393,613; Jan. 29.

Combustion Engineering Company, Inc., assignee: *See*—
Armacost, Wilbur H., and Schoenfeld.
Crites, Joe.
Franquist, Gustav H.
Harlow, Walter F.
Jackson, George P.
Kreisinger, Henry, and Caracristi.

Combustion Equipment Company, assignee: *See*—
Atwater, Harry A.
Gordon, Charles W.
Jackson, George P., and Patterson.
Powell, E. M., and Patterson.
Schoenfeld, David M.

Combustion Processes Company, assignee: *See*—
Urquhart, Norman J.

Comet Model Airplane & Supply Company, Incorporated, assignee: *See*—
Allzier, André G.
Barr, Willie L.

Comey, Fred H., assignor to The General Tire & Rubber Company, Akron, Ohio. Bead clamp for pneumatic tires. 2,409,666; Oct. 22.

Comfort, Samuel T.: *See*—
Richards, Dwight, and Comfort.

Comfy Manufacturing Company, The, assignee: *See*—
Waranch, Theodore.

Comiskey, Anthony T., Sr., Chicago, Ill. Motorcycle windshield. 2,396,493; Mar. 12.

Commerce, United States of America as represented by the Secretary of, assignee: *See*—
Brenner, Abner, and Olson.
Hunter, Richard S.

Commercial Controls Corporation, assignee: *See*—
Ryan, Commodore D.
Ryan, Commodore D., Dempsey, Straub, and Tyler.
Ryan, Commodore D., Sager, and Bergmark.

Commercial Shearing & Stamping Company, The, assignee: *See*—
White, Thomas L.

Commercial Solvents Corporation, assignee: *See*—
Baker, Philip J., Jr.
Bogin, Charles.
Johnson, Harold G.
Lingo, Shirley P.
Morey, Glen H.
O'Loughlin, Walter K.
Robinette, Hilliary, Jr.
Senkus, Murray.
Tindall, John B.
Tryon, Philip F.
Wampner, Herbert L.

Compañia Industrial, assignee: *See*—
Schmidt, Germán, and Edwards.

Comper, Adrian, assignor to American Sterilizer Company, Erie, Pa. Fracture table or similar structure. 2,396,640; Mar. 19.

Compo Shoe Machinery Corporation, assignee: *See*—
Dawson, Fred, and Smith.
Stratton, Michael G.
Taylor, Thomas T.

Composite Rubber Products Corporation, assignee: *See*—
Hoskins, Oakley W.

Compton, Henry P., and J. A. Autry, Abilene, Tex. Dispensing machine. 2,400,104; May 14.

Compton, Jack, Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Improving the adhesion of nylon to rubber. 2,402,021; June 11.

Compton, James A., South Euclid, and N. W. Horn, assignors to Pesco Products Co., Cleveland, Ohio. Relief valve. 2,393,589; Jan. 29.

Compton, Justin S., Lebanon, assignor to The National Cash Register Company, Dayton, Ohio. Electronic device. 2,398,771; Apr. 23.

Compton, Justin S., Lebanon, and R. E. Mumma, assignors to The National Cash Register Company, Dayton, Ohio. Electronic counting device. 2,402,372; June 18.

Compton, Robin D., Westport, Conn., assignor to Radio Corporation of America. Television control system. 2,407,403; Sept. 10.

Compton, Walter A., and R. S. Nicholls, assignors to Miles Laboratories, Inc., Elkhart, Ind. Vitamin B-complex tablet. 2,406,741; Sept. 3.

Conant, Alan B., San Francisco, Calif., assignor to Montgomery Brothers. Duplex sound recording and reproducing machine. 2,410,569; Nov. 5.

Conant, John H.: *See*—
Tarbell, John C., and Conant.

Conarton, Edward W.: *See*—
Blume, William A., and Conarton.

Conaway, Paul L., Wellsburg, W. Va. Attaching means for downspout or conductor pipe. 2,396,086; Mar. 5.

Conaway, Raymond E.: *See*—
Hulburt, George D., and Conaway.

Conaway, Rollin F., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Thermal stretching of cellulose derivative yarn. 2,395,396; Feb. 26.

Concannon, Harry E., Oklahoma City, Okla. Skirt hanger. 2,400,058; May 7.

Concepcion, Alberto A., Detroit, Mich. Kite. 2,403,212; July 2.

Condit, Paul A., and K. Ruhl, assignors to Cooper-Bessemer Corporation, Mount Vernon, Ohio. Compressor regulating apparatus. 2,401,910; June 11.

Condit, Paul C.: *See*—
Denison, George H., Jr., and Condit.

Conditioned Air Equipment Co., assignee: *See*—
Millott, Arthur F., and Graham.

Condon, Edward U., Edgewood, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. High-frequency-oscillation generator or amplifier. 2,399,325; Apr. 30.

Cone Automatic Machine Company Inc., assignee: *See*—
Miller, Carroll E., and Parker.

Cone, Carroll, near Toledo, assignor to Surface Combustion Corporation, Toledo, Ohio. Continuous strip wiping apparatus. 2,413,216; Dec. 24.

Cone, Charles N., assignor to M and M Wood Working Company, Portland, Oreg. Glue and manufacture therefor. 2,400,541; May 21.

Cone, James H., and R. E. Mumma, assignors to The National Cash Register Company, Dayton, Ohio. Electron tube. 2,398,772; Apr. 23.

Cone, John H., Goose Creek, Tex., assignor to Standard Oil Development Company. Separating olefins from a hydrocarbon stream. 2,400,340; May 14.

Cones, Ben, Indianapolis, Ind. Side creeper. 2,401,295; June 4.

Cones, Ben, Indianapolis, Ind. Piston. 2,408,915; Oct. 8.

Coney, James D., Chicago, Ill. Garment hanger. 2,391,947; Jan. 1.

Congoleum-Nairn Inc., assignee: *See*—
Beerli, George A. G.
Spitzli, Donald H., and Charlton.

Conklin, Frederick R.: *See*—
Brant, Joseph H., and Conklin.

Conklin, James W., Indianapolis, Ind., assignor to Radio Corporation of America. Remote control system. 2,403,053; July 2.

Conklin, James W., Indianapolis, Ind., assignor to Radio Corporation of America. Remote control system. 2,410,599; Nov. 5.

Conlan, David, Brooklyn, assignor to Conlan Electric Corporation, New York, N. Y. Plug and switch box. 2,397,595; Apr. 2.

Conlan Electric Corporation, assignee: *See*—
Conlan, David.

Conlee, George D.: *See*—
de Gannahl, Carl, Stafford, and Conlee.

Conley, John E., Memphis, Tenn. Railway frog. 2,405,407; Aug. 6.

Conley, Weld E., Jr.: *See*—
Smith, Horace L., Jr., Conley, and Atwood.

Conlon Corporation, assignee: *See*—
Babcock, Henry H.
Freis, Frederick M.

Conlon, Emerson W., U. S. Navy. Aircraft construction. 2,392,835; Jan. 15.

Conmar Products Corporation, assignee: *See*—
Rabinow, David.
Siff, George A.

Conn, Alfred J., and R. B. Stanley, assignors to La Salle Designing Company, Chicago, Ill. Machine tool. 2,399,594; Apr. 30.

Conn, C. G., Ltd.: *See*—
Kent, Earle L.

Conn, C. G., Ltd., assignee: *See*—
Greenleaf, Leland B.
Kent, Earle L.

Conn, Joseph W., U. S. Navy. Sound operated relay. 2,391,882; Jan. 1.

Connecticut Electric Manufacturing Company, The, assignee: *See*—
Fitzgerald, George E.

Connecticut Telephone & Electric Division, Great American Industries, Incorporated, assignee: *See*—
Hellmann, Reinhard K.
Keinath, George, and Hellmann.

Connelly, John R., and S. W. Fish, Springfield, Mass. Wrapping wire reinforcing retainer lock. 2,406,354; Aug. 27.

Connelly, Robert T., Duluth, Minn. Scriber. 2,409,106; Oct. 8.

Conner, Clarence L., McFarland, Calif. Reversing mechanism for power operated drills. 2,409,738; Oct. 22.

Conner, Guy O., Wheeling, W. Va. Forming machine and feeding device therefor. 2,394,534; Feb. 12.

Conner, Guy O., Wheeling, W. Va. Forming machine. 2,406,808; Sept. 3.

Conner, Guy O., Wheeling, W. Va. Forming machine. 2,407,253; Sept. 10.

Conner, Guy O., Cleveland Heights, Ohio. Forming machine. 2,407,254; Sept. 10.

Conner, William S., Long Beach, and C. B. Wilkie, Los Angeles, assignors to Douglas Aircraft Company, Inc., Santa Monica, Calif. Firing range butt. 2,411,026; Nov. 12.

Connolly, Gerald C., Baton Rouge, La., assignor to Standard Oil Development Company. Conversion of hydrocarbon oils. 2,396,641; Mar. 19.

Connolly, Gerald C., Baton Rouge, La., assignor to Standard Oil Development Company. Conversion of hydrocarbon oils. 2,398,773; Apr. 23.

Connolly, Gerald C., Baton Rouge, La., assignor to Standard Oil Development Company. Preparation of synthetic gels. 2,405,408; Aug. 6.

Connors, James S.: *See*—
Latchum, John W., Jr., and Connors.

Connors, John T., Joliet, Ill. Photograph and letter press. 2,399,857; May 7.

Conover, James H.: *See*—
Frost, Orcutt W., and Conover.

Conrad, Arthur E. and E., Minneapolis, Minn. Toy. 2,398,920; Apr. 23.

Conrad, Eleanor: *See*—
Conrad, Arthur E. and E.

Conrad, John E., Bala-Cynwyd, assignor to Collins & Aikman Corporation, Philadelphia, Pa. Article and treatment of casein fibers. 2,412,125; Dec. 3.

Conrad, John E., Alton, Ill., assignor to Collins & Aikman Corporation, Philadelphia, Pa. Treatment of casein fibers. 2,412,126; Dec. 3.

Conrad, Marcus L., Mundelein, assignor to The Frank G. Hough Co., Libertyville, Ill. Tractor shovel. 2,412,323; Dec. 10.

Conrad, Matthew, by judicial change of name: *See*—
Rosenberg, Martin, and Cohen.

Conradty, Ottmar, Rothenbach on the Pegnitz, Germany; vested in the Alien Property Custodian. Insulated carbon body. 2,394,041; Feb. 5.

Conroy, Charles L., assignor of one-half to W. Fritsch, Libertyville, Ill. Permanently attaching hose couplings. 2,399,790; May 7.

Conroy, Charles L., Libertyville, Ill. Hose coupling. 2,399,791; May 7.

Consolidated Car Heating Company, Inc., assignee: *See*—
Griffin, Percy M.
Hamilton, Wallace.
Parsons, Robert J.

Consolidated Engineering Corporation, assignee: *See*—
Hoover, Herbert, Jr.
Lawlor, Reed C.
McNamee, Bernard F.
Metcalf, Herbert E.
Olesen, Raymond C.
Washburn, Harold W.
Washburn, Harold W., and Taylor.
Washburn, Harold W., and Wiley.
Wheaton, Elmer P., and Ostergren.
Zalkowsky, Wladimir M.

Consolidated Gas Electric Light and Power Company of Baltimore, assignee: *See*—
Betz, Paul L.

Consolidated Investing Company, assignee: *See*—
Beck, Morris B.

Consolidated Mining and Smelting Company of Canada, Limited, The, assignee: *See*—
Williams, Lloyd, Wright, and Hendricks.

Consolidated Packaging Machinery Corporation, assignee: *See*—
Allen, Howard G.
Allen, Howard G., and Kenison.

Consolidated Paper Company, assignee: *See*—
Finn, Harry W.
Manor, Willard O.

Consolidated Paper Corporation Limited, assignee: *See*—
Freeman, Horace.

Consolidated Sewing Machine & Supply Co., Inc., assignee: *See*—
Ingwer, Max, and Schwartz.

Consolidated Vultee Aircraft Corporation, assignee: *See*—
Blocher, Ora G.
Bonnell, Lauren W., and Sharp.
Breitwieser, Charles J.
Campbell, Bernard J., and Hilton.
Dina, Salvatore B.
Flood, Edmund L.
Growald, Henry K.
Hall, Theodore P.
Hall, Theodore P., and Smith.
Harrison, Verne S.
Keller, William C., and Fuday.
Kittel, Howard S.
Klose, Alfred J.
Kosek, Joseph A.
Livers, Carlos B.
Palmer, Richard W., and Hudson.
Rethorst, Scott.
Rocheville, Harry D.
Sanz, Manuel.
Saville, William S.
Sines, Harvey S.
Sutton, Harry A.
Wheeler, Henry L.

Constantine, Euripides H., Brooklyn, N. Y. Formula for treating tobacco. 2,399,911; May 7.

Container Corporation of America, assignee: *See*—
Carder, Frank C.
Cass, Thomas F., Jr.
Holy, Mitchel E.
Jacobson, Egbert.
Kincaid, Elbert B.
Van Saun, Raymond H.

Conterman, Fred A., assignor to Jamestown Metal Equipment Company, Inc., Jamestown, N. Y. Roll pressure adjuster for wringers. 2,405,641; Aug. 13.

Conti, Eugene, Jackson Heights, N. Y., assignor to Herz Manufacturing Corporation. Cup forming machine. 2,411,082; Nov. 12.

Continental Aviation & Engineering Corporation, assignee: *See*—
Bachle, Carl F.
Klnnucan, James W.
Kinnucan, James W., and Prescott.

Continental Can Company, Inc., assignee: *See*—
Coyle, John.
Coyle, John, and Punte.
England, Isaac W., and Punte.
Fink, Henry A.
Fink, Henry A., and Bloser.
Fukal, Alfred F.
Gazette, Marshall E.
Hatch, Alexander G.
Kronquest, Alfred L.
Larson, Ralph A.
Maier, Curtis E.
Mero, Ralph M., and Treff.
Minaker, Herbert L.
O'Brien, Frank J.
O'Neil, James H.
Palmer, Wilson G.
Punte, William F.
Schrader, Herbert.
Sedwick, Matthew M.
Seigh, Joseph W.
Vang, Alfred.
Zurcher, Paul.

Continental Carbon, Inc., assignee: *See*—
Kohring, Elbur M.

Continental Carpet Corporation, assignee: *See*—
Ford, Richard E., and Hunt.

Continental-Diamond Fibre Company, assignee: *See*—
Stewart, Robert, and Ploger.

Continental Gin Company, assignee: *See*—
Deems, Frank E.
Smith, Algernon L.

Continental Machines, Inc., assignee: *See*—
Firth, Charles V.
Wilkie, James W., and Franklin.

Continental Motors Corporation, assignee: *See*—
Altman, Peter.
Ginn, Earl.
Vincent, Edward T.

Continental Oil Company, assignee: *See*—
Zurcher, Paul.

Continental Research Corporation, assignee: *See*—
Gayer, Frederick H., and Fawkes.

Continental Turpentine & Rosin Corp., Inc., assignee: *See*—
Kressman, Frederick W.
Kressman, Frederick W. and F. W., Jr.

Continental-United Industries Co., Inc., assignee: *See*—
Snyder, Leland H.

Continuous Hinge Company, The, assignee: *See*—
Cudini, Roger G.

Contner, J. Burgi, New York, N. Y. Film-feeding mechanism. 2,410,962; Nov. 12.

Contner, J. Burgi, New York, N. Y., assignor to Great American Industries, Inc., Meriden, Conn. Printing apparatus. 2,412,252; Dec. 10.

Control Instrument Company, Inc., assignee: *See*—
Braun, Karl J.
Libman, Earl E.
Libman, Earl E., and Lehde.

Convenient Carrier Corporation, assignee: *See*—
Bassichis, William M.
Edgerton, Arthur H.

Conveyor Company, The, assignee: *See*—
Saxe, Walter E.

Conway, Hugh G., Warrington, England, assignor to Aeronautical & Mechanical Investments Limited. Electrical remote control device. 2,397,922; Apr. 9.

Conway, James H., Detroit, Mich. Closure. 2,397,948; Apr. 9.

Conzelman, John E., Jr., assignor to Solar Aircraft Company, San Diego, Calif. Apparatus for die-forming sheet material. 2,409,254; Oct. 15.

Conzetti, Achille, assignor to J. R. Geigy A. G., Basel, Switzerland. O:O'dihydroxy azo dyestuffs and their manufacture. 2,405,816; Aug. 13.

Conzetti, Achille, and G. Schetty, assignors to J. R. Geigy A. G., Basel, Switzerland. Chromable dyestuffs and process of making same. 2,398,358; Apr. 16.

Conzetti, Achille, Basel, and O. Schmid, Muttens, near Basel, assignors to J. R. Geigy A. G., Basel, Switzerland. Preparing mordant triasol dyestuffs. 2,412,767; Dec. 17.

Cook, Anna M., administratrix: *See*—
Cook, Harry L.

Cook, Curtiss L., assignor to Syracuse Chilled Plow Co., Inc., Syracuse, N. Y. Subsoiler. 2,401,139; May 28.

Cook, Earle S., Forest Hills, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Variable load brake apparatus. 2,407,870; Sept. 17.

Cook Electric Company, assignee: *See*—
Hasselborn, Walter C.

Cook, Ellsworth, Scotia, N. Y., assignor to General Electric Company. Secret signaling system. 2,399,469; Apr. 30.

Cook, Elmer W., New York, N. Y., and W. D. Thomas, Jr., Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Preparation of n,n'-dicycloaliphatic-p-phenylenediamines. 2,393,889; Jan. 29.

Cook, Elmer W., New York, N. Y., and W. D. Thomas, Jr., Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Crankcase lubricant. 2,395,105; Feb. 19.

Cook, Elmer W., New York, N. Y., and E. O. Hook, Norwalk, Conn., assignors to American Cyanamid Company. Resinous vulcanization accelerators. 2,411,413; Nov. 19.

Cook, Eugene B., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Screen vibrating mechanism. 2,403,502; July 9.

Cook, Fay V., and J. R. Polston, assignors to Stanolind Pipe Line Company, Tulsa, Okla. Bearing adjusting means. 2,403,171; July 2.

Cook, George W., Los Angeles, Calif. Fluid actuated collet chuck. 2,393,458; Jan. 22.

Cook, George W., Los Angeles, assignor of ninety per cent to L. W. Miller, Glendale, Calif. Chuck. 2,395,534; Feb. 26.

Cook, George W., Washington, D. C. Electronic circuit. 2,398,411; Apr. 16.

Cook, Harry L., deceased, by A. M. Cook, administratrix, North Huntingdon Township, Westmoreland County, Pa. Air and fluid pressure cushion device. 2,410,716; Nov. 5.

Cook, Herbert A., Jr., assignor to Auburn Button Works, Inc., Auburn, N. Y. Applying plastic coatings to flexible strips and the like. 2,401,550; June 4.

Cook, Herbert A., Jr., assignor to Auburn Button Works, Inc., Auburn, N. Y. Apparatus for applying plastic coatings to flexible strips and the like. 2,401,551; June 4.

Cook, James: *See*—
McSpadden, Donovan M., and Cook.

Cook, James A., assignor to Birma Manufacturing Company, Inc., Buffalo, N. Y. Apparatus for filling life preservers and the like. 2,410,015; Oct. 29.

Cook, Jay E., Los Angeles, Calif. Liquid level control. 2,398,921; Apr. 23.

Cook, John A., San Francisco, Calif. Pontoon metering valve and combination. 2,412,205; Dec. 10.

Cook, John A., San Francisco, Calif. Collapsible salvage pontoon. 2,413,313; Dec. 31.

Cook, John V., Wilmette, assignor to The Peterson Oven Company, Chicago, Ill. Baking oven. 2,397,726; Apr. 2.

Cook, Joseph F., Jr., West Roxbury, Mass. Mine firing system. 2,396,914; Mar. 19.

Cook, Leon W., Beacon, assignor to The Texas Company, New York, N. Y. Conversions of hydrocarbons. 2,398,819; Apr. 23.

Cook, Lowell L.: *See*—
Gifford, Carl E., and Cook.

Cook, Martin L.: *See*—
Le Vesconte, Harold J., and Cook.

Cook, Percy, Waltham, Mass. Method of and apparatus for handling fabric webs. 2,411,414; Nov. 19.

Cook, Stanley S., and L. M. Douglas, assignors to The Parsons Marine Steam Turbine Company Limited, Wallsend-on-Tyne, England. Elastic fluid turbine. 2,392,463; Jan. 8.

Cook, Stanley S., and L. M. Douglas, assignors to The Parsons Marine Steam Turbine Company, Limited, Wallsend-on-Tyne, England. Elastic fluid turbine. 2,396,159; Mar. 5.

Cook, William H., Toledo, Ohio. Piston and cylinder device. 2,405,016; July 30.

Cooke, Ernest A., assignor to Taylor, Taylor & Hobson Limited, Leicester, England. Linear dimension gauge. 2,412,127; Dec. 3.

Cooke, Giles B.: *See*—
McManus, Charles E., Elder, Cooke, and Dornblatt.

Cooke, Giles B., and F. J. Girvin, assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Coating material and composition. 2,394,843; Feb. 12.

Cooke, William A., assignee: *See*—
Affleck, Theodore H.

Cooke, William T.: *See*—
Jenks, Frederic A., Folland, Maeder, and Cooke.

Cooley, Austin G.: *See*—
Dalton, Harold R., and Cooley.
Dillenback, Garett V., and Cooley.

Cooley, Austin G., assignor to Times Telephoto Equipment Inc., New York, N. Y. Moving web recording machine. 2,397,535; Apr. 2.

Cooley, Austin G., assignor to Times Telephoto Equipment Inc., New York, N. Y. Telephoto system. 2,404,566; July 23.

Cooley, Austin G., assignor to Times Telephoto Equipment Inc., New York, N. Y. Remote-control system and apparatus. 2,411,147; Nov. 19.

Cooley, Elihu H.: *See*—
Hayward, John T., and Cooley.

Cooley, Hugh T., assignee, et al.: *See*—
Cooley, William J.

Cooley, James G., assignee, et al.: *See*—
Cooley, William J.

Cooley, Pemberton, Jr., assignee, et al.: *See*—
Cooley, William J.

Cooley, William J., Lawrenceville, Ga., assignor of one-fourth to P. Cooley, Jr., one-fourth to H. T. Cooley, and one-fourth to J. G. Cooley. Aircraft wing structure. 2,402,733; June 25.

Coolidge, Cole, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Surface useful materials. 2,399,208; Apr. 30.

Coombes, Joseph H.: *See*—
Eksergian, Carolus L., and Coombes.
Eksergian, Carolus L., Coombes, and Gaenssle.

Coombes, Joseph H., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Brake mechanism. 2,394,151; Feb. 5.

Coombes, Joseph H., Detroit, Mich., assignor to The Budd Company, Philadelphia, Pa. Brake mechanism. 2,406,201; Aug. 20.

Coon, Grant W., assignor to Magnaflux Corporation, Chicago, Ill. Magnetic testing. 2,394,152; Feb. 5.

Cooney, John T., Hollywood, Calif. Cream fountain razor. 2,392,975; Jan. 15.

Coons, Burton C., assignor to Food Machinery Corporation, San Jose, Calif. Method and apparatus for feeding fruit and vegetables. 2,398,922; Apr. 23.

Coons, Burton C., assignor to Food Machinery Corporation, San Jose, Calif. Apparatus for feeding and stemming fruit. 2,401,463; June 4.

Coons, Curtis C., assignor to The Hoover Company, North Canton, Ohio. Refrigeration. 2,400,191; May 14.

Coons, Curtis C., assignor to The Hoover Company, North Canton, Ohio. Refrigeration. 2,400,192; May 14.

Cooper, Alfred, and D. E. Partington, assignors to Expanded Rubber Company Limited, Croydon, England. Manufacture of expanded thermoplastic resinous compositions. 2,405,345; Aug. 6.

Cooper, Barnett, Maida Bale, London, England. Stocking protector. 2,394,844; Feb. 12.

Cooper, Benjamin, Netcong, N. J. Automatic weighing scale. 2,392,023; Jan. 1.

Cooper, Benjamin, Netcong, N. Y., and A. F. Hohmann, Teaneck, N. J.; said Hohmann assignor to said Cooper. Cigarette lighter. 2,404,435; July 23.

Cooper-Bessemer Corporation, assignee: *See*—
Condit, Paul A., and Ruhl.

Cooper, Charles M., Chicago, Ill., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Gas-scrubbing apparatus. 2,398,345; Apr. 16.

Cooper Development Company, assignee: *See*—
Cooper, Thomas B., and Schulz.

Cooper, Dexter P., Jr.: *See*—
Fairbank, Murray N., and Cooper.
Land, Edwin H., and Cooper.
Roger, Howard G., and Cooper.

Cooper, Dexter P., Jr., assignor to Polaroid Corporation, Cambridge, Mass. Ophthalmic device. 2,397,243; Mar. 26.

Cooper, Dexter P., Jr., assignor to Polaroid Corporation, Cambridge, Mass. Mold for use in the manufacture of optical elements. 2,406,742; Sept. 3.

Cooper, Edward B., Glen Ridge, and M. L. Macht, Jersey City, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Gripping device. 2,401,050; May 28.

Cooper, Elbert M. Selby, Calif., assignor to American Smelting and Refining Company, New York, N. Y. Plow for rotary chargers. 2,392,231; Jan. 1.

Cooper, Fred E., Los Angeles, Calif. Fluid pressure motor. 2,397,778; Apr. 2.

Cooper, Hugh S., Cleveland, Ohio, assignor to Cooper-Wilford Beryllium, Ltd., Philadelphia, Pa. Producing castings of aluminum-beryllium alloys. 2,399,104; Apr. 23.

Cooper, Jacob B., Park Ridge, N. J. Electrical switch and outlet box mounting. 2,406,587; Aug. 27.

Cooper, Joseph H., assignor to The Taylor-Winfield Corporation, Warren, Ohio. Control of flash welding. 2,404,620; July 23.

Cooper, Peter, Corporation, assignee: *See*—
Tutt, Richard, Jr., Hubbard, and McKee.

Cooper, Roland S., River Forest, Ill., and S. Holm, Wellsville, assignors to The Air Preheater Corporation, New York, N. Y. Air preheater for pulverizing mills. 2,410,337; Oct. 29.

Cooper, Thomas B., Philadelphia, Pa., and W. H. Schulz, Weehawken, N. J., assignors to Cooper Development Company, New York, N. Y. Apparatus for recovering metals. 2,404,364; July 23.

Cooper-Wilford Beryllium, Ltd., assignee: *See*—
Cooper, Hugh S.

Cooper, William B., and C. E. Glock, assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Electroplating tin. 2,392,646; Jan. 8.

Copeland, Robert J., assignee: *See*—
Bloor, Ernest J.

Copeland, Robert J., Toronto, and E. J. Bloore, Brampton, Ontario, Canada, said Bloore assignor to said Copeland. Typewriter attachment for manifolding. 2,392,522; Jan. 8.

Copp, George W., Forest Hills, N. Y. Child's convertible chair. 2,399,792; May 7.

Copperweld Steel Company, assignee: *See*—
Holmquist, Carl W.
Copping, Kenneth L. G.: *See*—
Hackett, James W., and Copping.
Coppock, Philip D., Epsom Downs, and D. J. Hadley, Banstead, England, assignors to The Distillers Company Limited, Edinburgh, Scotland. Production of vinyl esters. 2,398,820; Apr. 23.
Copthorne, Howard N., Winnetka, Ill., assignor to United States Steel Supply Company. Paint compositions. 2,411,192; Nov. 19.
Corbell, Sherman F., Clifton, Ariz. Tire tool. 2,402,022; June 11.
Corbett, Herbert A.: *See*—
De Witt, William J., and Corbett.
Corbett, John P., Van Nuys, Calif. Baseball base. 2,405,492; Aug. 6.
Corbett, Lawrence B., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Printing screen. 2,405,291; Aug. 6.
Corbin, Douglas H., Dunstable, England, assignor to General Motors Corporation. Spark plug and manufacture thereof. 2,400,917; May 28.
Corbin, Fred A., Gary, and H. F. Netzhammer, Hobart, Ind. Apparatus for controlling the pressure of furnace gases. 2,394,595; Feb. 12.
Corby, Joseph F., Philadelphia, Pa., assignor to The Baldwin Locomotive Works. Plate steel casing joint for rotary hydraulic machines. 2,410,201; Oct. 29.
Corcanges, Alfred A., Creenville, S. C. Radio controlled signal and illuminating system for airways. 2,407,949; Sept. 17.
Corcoran, James P., West Los Angeles, assignor to Twentieth Century-Fox Film Corporation, Los Angeles, Calif. Antibuckling device for film feeding mechanisms. 2,406,136; Aug. 20.
Corcoran, Josephine C., assignee: *See*—
Nunn, Elizabeth T.
Corderman, Roy C., Chevy Chase, Md., assignor to American Telephone and Telegraph Company. Privacy system. 2,401,464; June 4.
Cordero, Tullo, Merion Station, Pa., assignor to United-Rexall Drug Company. Transparent mixture. 2,402,373; June 18.
Cordi, Leander L., Redding, Calif. Novelty squawk-type shoe. 2,413,545; Dec. 31.
Cordle, Cornell H., assignor to Hercules Powder Company, Wilmington, Del. Explosive cartridge assembly. 2,401,140; May 28.
Cordle, Cornell H., and R. W. Lawrence, assignors to Hercules Powder Company, Wilmington, Del. Free-flowing ammonium nitrate composition. 2,399,987; May 7.
Cordon, Ralph P., New York, N. Y. Toy top. 2,404,947; July 30.
Corey, Horace E., Denville, and F. Wright, Trenton, N. J., assignors to American Telephone and Telegraph Company. Subscribers' line testing system. 2,393,236; Jan. 22.
Corey, Lorin A., Cleveland Heights, assignor to Industrial Rayon Corporation, Cleveland, Ohio. Thread-advancing reel. 2,413,217; Dec. 24.
Corey, Warner R., Inkster, Mich. Warning signal 2,409,018; Oct. 8.
Corhart Refractories Company, assignee: *See*—
Field, Theodore E.
Cork, Edward C., Ealing, London, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Apparatus for measuring high frequency voltages. 2,395,851; Mar. 5.
Corley, Hoyt M., assignor to Armour and Company, Chicago, Ill. Destruction of algae. 2,393,293; Jan. 22.
Cormier, Louis A., West Hempstead, N. Y. Jeweler's wrench. 2,403,264; July 2.
Cormier, Louis A., West Hempstead, assignor to Hammel, Riglander & Co. Inc., New York, N. Y. Watchcase tool. 2,408,737; Oct. 8.
Corn, C. G., Ltd., assignee: *See*—
Kent, Earle L.
Corn, Joseph H., and F. E. Scott, Knoxville, Tenn. Brush rack. 2,402,374; June 18.
Corn Products Refining Company, assignee: *See*—
Bulfer, August J.
Lenck, Gerald J.
Cornelius, George W., Dayton, Ohio, assignor to Flight Transportation, Inc. Airplane. 2,406,588; Aug. 27.
Cornelius, Richard T., Minneapolis, Minn. Motor pump unit. 2,393,237; Jan. 22.
Cornelius, Richard T., Minneapolis, Minn. Piston. 2,410,405; Nov. 5.
Cornell, Dana R., East Chicago, Ind., assignor to Standard Forgings Corporation, Chicago, Ill. Making dished disk wheels. 2,406,062; Aug. 20.
Cornell-Dubilier Electric Corporation: *See*—
Dubilier, William.
Cornell-Dubilier Electric Corporation, assignee: *See*—
Baer, Massimo.
Cornell, Mead, Cleveland, Ohio, and A. R. Whittaker, New York, N. Y., assignors, by mesne assignments, to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Reseating valve shutoff system. Re. 22,710; Jan. 22.
Cornell, Paul W., Pittsburgh, Pa., assignor, by mesne assignments, to Jasco, Incorporated. Catalytic conversion process. 2,402,875; June 25.
Cornelia, Emanuel, West Chicago, Ill. Clamp and spacer for concrete forms. 2,411,678; Nov. 26.
Corner, Arthur C.: *See*—
Taylor, Reginald, Baker, and Corner.
Cornett, Urban A.: *See*—
Spangler, John E., and Cornett.
Cornforth, Rita H.: *See*—
Robinson, Robert, Cornforth, and West.
Corning, Charles T., Fair Lawn, N. J., assignor to Federal Telephone & Radio Corporation, New York, N. Y. Battery charging system. 2,395,038; Feb. 19.
Corning Glass Works, assignee: *See*—
Armistead, William H., Jr.
Dalton, Robert H.
Daudt, William H.
De Voe, Charles F.
Gray, David E.
Guyer, Edwin M., and Shaw.
Hinkley, Ray A.
Hood, Harrison P.
Hooley, Joseph G.
Hyde, James F.
McGregor, Rob R., and Warrick.
Smith, Gail P.
Warrick, Earl L.
Cornish, Irving R.: *See*—
Paxton, John W., and Cornish.
Cornish, Irving R., assignee, et al.: *See*—
Paxton, John W.
Cornwall, Leo W.: *See*—
Gross, Bernard, and Cornwall.
Cornwell, Arthur L., Wellsville, N. Y. Torque wrench. 2,409,545; Oct. 15.
Coron, Edward: *See*—
Ballard, William C., Jr., Coron, and Cepek.
Coroniti, Samuel C., Cambridge, Mass., assignor to General Aniline & Film Corporation, New York, N. Y. Photographic apparatus. 2,413,218; Dec. 24.
Corporacion Argentina De Productores De Carnes, assignee: *See*—
Brewster, James A., and Fernandez.
Corrêa, Alpoim, Rio de Janeiro, Brazil. Manual floor waxer and polisher. 2,410,634; Nov. 5.
Correa, Manuel, Clarksburg, assignor of one-half to J. H. Veteran, Walnut Grove, Calif. Gate control for dump trucks. 2,394,153; Feb. 5.
Corrigan, Joseph J., and F. T. Rinehart, Loves Park, Ill. Work support for machine tools. 2,396,941; Mar. 19.
Corson, Bayard R., Newburyport, Mass., assignor to Hytron Corporation. Electron tube. 2,401,911; June 11.
Corson, Bolton L., Plymouth Meeting, Pa. Conditioning and treating lime and product thereof. 2,409,546; Oct. 15.
Corte, Alfred, Glendale, Calif., assignor, by mesne assignments, to Lockheed Aircraft Corporation. Gun turret seat. 2,400,812; May 21.
Corte, Alfred, Glendale, Calif., assignor, by mesne assignments, to Lockheed Aircraft Corporation. Gun charger and recoil mechanism. 2,401,860; June 11.
Corte, Alfred, Glendale, Calif., assignor, by mesne assignments, to Lockheed Aircraft Corporation. Power gun turret driving mechanism. 2,406,642; Aug. 13.
Cory, Samuel I., Towaco, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph signal distortion measuring circuit. 2,410,809; Nov. 12.
Corydon, Jeff, II, Cranston, R. I., assignor to Morse Boulger Destructor Company. Chemical feed pump mechanism. 2,402,524; June 18.
Cosentino, Joseph: *See*—
Sigoda, Victor J. and T., and Cosentino.
Cosler, Valle A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Airplane wing or fin with improved airfoil characteristics. 2,400,918; May 28.
Cosley, John, North Braddock, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Bottle holder. 2,412,873; Dec. 17.
Coss, Bert A., St. Louis Park, Minn., assignor to The Brush Development Company, Cleveland, Ohio. Roughness measuring means. 2,397,923; Apr. 9.
Coss, George R., Detroit, Mich., assignor to Eureka Williams Corporation. Suction cleaner. 2,397,536; Apr. 2.
Coss, George R., Detroit, Mich., assignor to Eureka Williams Corporation. Suction cleaner. 2,397,537; Apr. 2.
Cossin, Hursle E., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Range apparatus. 2,408,295; Sept. 24.
Cossor, A. C., Limited, assignee: *See*—
Bedford, Leslie H.
Bell, David A., and Wynn.
Cossor, A. C., Limited, assignee: *See*—
Whiteley, Joseph W.
Costa, Philip J., Franklin Square, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Detonation responsive means for controlling internal-combustion engines. 2,407,652; Sept. 17.

Costello, Henry O., Providence, R. I., assignor to The Mortimer Newman Co., New Haven, Conn. Exercising device. 2,400,105; May 14.
Costelow, John A., Topeka, Kans. Dressing machine. 2,402,734; June 25.
Costner, Clarence J., assignee, et al.: *See*—
Robinson, Elvin B.
Coston Supply Company, assignee: *See*—
Baack, William R.
Cotchett, Louis M., Hingham, assignor to Foster Machine Company, Westfield, Mass. Yarn winding machine. 2,395,462; Feb. 26.
Cotchett, Louis M., Hingham, assignor to Foster Machine Company, Westfield, Mass. Yarn winding machine. 2,395,463; Feb. 26.
Cotchett, Louis M., Hingham, assignor to Foster Machine Company, Westfield, Mass. Yarn winding machine. 2,395,464; Feb. 26.
Cotchett, Louis M., Hingham, assignor to Foster Machine Company, Westfield, Mass. Yarn winding machine. 2,408,135; Sept. 24.
Cotchett, Louis M., Hingham, assignor to Saco-Lowell Shops, Boston, Mass. Weighting apparatus for textile drafting mechanisms. 2,409,255; Oct. 15.
Cotchett, Louis M., Hingham, assignor to Saco-Lowell Shops, Boston, Mass. Thread board for spinning frames. 2,413,172; Dec. 24.
Cotchett, Louis M., Hingham, L. Campbell, F. F. Stange, and A. W. Arterton, assignors to Foster Machine Company, Westfield, Mass. Yarn winding machine. 2,395,465; Feb. 26.
Cotchett, Louis M., Hingham, and L. Campbell and F. F. Stange, assignors to Foster Machine Company, Westfield, Mass. Yarn winding machine. 2,407,366; Sept. 10.
Cote, George H., Bridgeport, Conn. Self-releasing tool holder. 2,392,809; Jan. 15.
Cote, Romeo, Providence, R. I. Ship propulsion. 2,413,173; Dec. 24.
Cothern, Alfred J., Tucumcari, N. Mex. Combination tool. 2,394,845; Feb. 21.
Cothran, J. D., assignee: *See*—
Miller, Joseph M.
Cotter, Bart, Detroit, L. H. Klaasen, Grand Rapids, and T. P. Archer, assignors to General Motors Corporation, Detroit, Mich. Material handling device. 2,399,722; May 7.
Cotter, George L., Winnetka, Ill., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Variable load brake. 2,395,170; Feb. 19.
Cotton, Frank H., East Barnet, and P. A. Gibbons, London, England; said Gibbons assignor to said Cotton. Reclaiming rubber. 2,408,296; Sept. 24.
Cotton, John E., Batesville, Miss. Electrode holder. 2,412,717; Dec. 17.
Cotton, William, Limited, assignee: *See*—
Lynam, John E.
Cottrell, C. B., & Sons Company, assignee: *See*—
Barber, Howard M.
Evers, Arthur J.
Luehrs, Hans J.
Luehrs, Hans J., and Cottrell.
Meyer, Joseph E.
Cottrell, Philip W.: *See*—
Luehrs, Hans J., and Cottrell.
Cottrell, Robert H., assignor to American Steel Foundries, Chicago, Ill. Snubber. 2,392,725; Jan. 8.
Cottrell, Robert B., assignor to American Steel Foundries, Chicago, Ill. Side frame structure. 2,394,232; Feb. 5.
Cottrell, Robert B., assignor to American Steel Foundries, Chicago, Ill. Truck. 2,395,317; Feb. 19.
Cottrell, Robert B., assignor to American Steel Foundries, Chicago, Ill. Car truck. 2,398,621; Apr. 16.
Cottrell, Robert B., assignor to American Steel Foundries, Chicago, Ill. Truck. 2,407,950; Sept. 17.
Cottrell, Robert B., and F. E. Bachman, assignors to American Steel Foundries, Chicago, Ill. Truck. 2,413,433; Dec. 31.
Cottrell, Turner R., Neptune, N. J. Line connector. 2,408,045; Sept. 24.
Cottrell, William P., Los Angeles, Calif. Forming metallic carbides and steel into finished shapes. 2,398,132; Apr. 9.
Cottrell, William P., Los Angeles, Calif. Burner gun. 2,413,434; Dec. 31.
Couch, Forrest J., assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Shirt body pressing machine. 2,395,466; Feb. 26.
Couch, Forrest J., Cincinnati, assignor to The American Laundry Machinery Company, Norwood, Ohio. Pressing machine. 2,396,942; Mar. 19.
Couch, Richard, Jr.: *See*—
Dawson, Reginald C., Couch, and Prange.
Couch, S. H., Company, Inc., assignee: *See*—
Crockett, William P.
Coulter, Charles S., and C. Romanet, Washington, D. C.; said C. Romanet now by marriage C. R. Coulter. Service ribbon bar. 2,396,160; Mar. 5.
Coulter, Colette R.: *See*—
Coulter, Charles S., and Romanet.
Coulter, Kenneth L., assignor to The Astatic Corporation, Youngstown, Ohio. Detecting system and apparatus. 2,403,503; July 9.
Coulton, John S.: *See*—
Disbro, Ira R., and Coulton.
Counselman, Theodore B., Evanston, Ill., assignor to The Dorr Company, New York, N. Y. Treating rubber suspension. 2,410,633; Nov. 5.
Courchene, Theodore P., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Lasting machine. 2,409,193; Oct. 15.
Courchene, Theodore P., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Lasting machine. 2,409,194; Oct. 15.
Courl, Harriet C., Woodstock, Conn. Article of manufacture. 2,392,024; Jan. 1.
Court, Frank T., assignor to Deere & Company, Moline, Ill. Lever. 2,394,985; Feb. 19.
Courtaulds Limited, assignee: *See*—
Cluley, Alan S., and Allen.
Curtis, Geoffrey.
Dawson, Daniel S.
Devos, Desiré C. F.
Greenlees, Raymond C.
Hegan, Horace J., and Sharples.
Jones, Rupert S.
McKeown, John H., and Penn.
Wilson, Donald L.
Wormell, Robert L.
Courtenay, William A., Jr., Chester, assignor to Sun Oil Company, Philadelphia, Pa. Vehicle hoist. 2,407,629; Sept. 17.
Courter, Leo A., Seminole, Okla., assignor to The Dow Chemical Company, Midland, Mich. Determining permeability of earth formations penetrated by well bores. 2,413,435; Dec. 31.
Couse, Kibbey W., Newark, N. J. Shifting the relative position of the body and wheels of vehicles. 2,391,948; Jan. 1.
Couse, Kibbey W., Newark, N. J. Power take-off structure. 2,403,848; July 9.
Couse Laboratories, assignee: *See*—
Reimer, George M.
Cousino, Walter P., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Latch mechanism. 2,393,147; Jan. 15.
Cousino, Walter P., Detroit, Mich., assignor to Chrysler Corporation, Highland Park, Mich. Plastic injection apparatus and method. 2,402,805; June 25.
Coventry Gauge & Tool Company Limited, assignee: *See*—
Wainwright, John E., and Jellis.
Covey, Gus, North Platte, Nebr. Automatic lawn sprinkler. 2,395,253; Feb. 19.
Covington, William W.: *See*—
Parker, Charles H., and Covington.
Cowan, Clifton J.: *See*—
Beveridge, James M., and Cowan.
Cowdrey, Cecil L.: *See*—
Halford, Frank B., and Cowdrey.
Cowdrey, Cecil L., Hitchin, and J. A. Churchill, Luton, assignors to D. Napier & Son Limited, London, England. Tank. 2,403,850; July 9.
Cowdrey, William A., and A. G. Murray, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Producing mepacrine dihydrochloride. 2,410,406; Nov. 5.
Cowen, Tracy, Malverne, N. Y., assignor, by mesne assignments, to Standard Cap and Seal Corporation. Moistureproof wrapper for packaging cheese and the like. 2,402,605; June 25.
Cowherd, Robert D., Metairie, La., assignor to The Bristol Company, Waterbury, Conn. Liquid-gas-phase control. 2,411,986; Dec. 3.
Cowles Company, The, assignee: *See*—
Cowles, Edwin.
Cowles, Edwin, Cayuga, N. Y., assignor to The Cowles Company, Princeton, N. J. Refining paper stock. 2,399,988; May 7.
Cowles, Irving, Detroit, Mich., assignor of seventy percent to himself and 30 percent to R. W. Lotz, Chicago, Ill. Flexible conduit and coupling for same. 2,410,600; Nov. 5.
Cowles, Laurence G.: *See*—
Wolf, Alexander, and Cowles.
Cowley, John F., assignor to Tootal Broadhurst Lee Company Limited, Manchester, England. Treatment of animal fibers to reduce their tendency to felt. 2,395,724; Feb. 26.
Cowley, Percy E. A., Coventry, and E. C. Walls, assignors to Automatic Telephone & Electric Company, Limited, Liverpool, England. Telecommunication system. 2,411,415; Nov. 19.
Cowling, Hale, Chester, Pa., assignor to American Viscose Corporation, Wilmington, Del. Manufacture of filaments and fibers. 2,397,338; Mar. 26.
Cox, Alonzo C., assignor to La Plant-Choate Mfg. Co., Inc., Cedar Rapids, Iowa. Excavator. 2,394,428; Feb. 5.
Cox, Alvon R.: *See*—
Niessen, Paul F., and Cox.
Cox, Arthur, assignor to Taylor, Taylor & Hobson Limited, Leicester, England. Optical objective. 2,399,858; May 7.

Cox, Claude E., Detroit, Mich. Flow meter metering head. 2,403,849; July 9.
Cox, Francis A., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Relay. 2,412,968; Dec. 24.
Cox, Fred W., Cuyahoga Falls, assignor to Wingfoot Corporation, Akron, Ohio. Stabilized polyvinyl acetals. 2,396,555; Mar. 12.
Cox, Fred W., Cuyahoga Falls, assignor to Wingfoot Corporation, Akron, Ohio. Polyvinyl acetal stabilization. 2,396,556; Mar. 12.
Cox, Fred W., Cuyahoga Falls, assignor to Wingfoot Corporation, Akron, Ohio. Stabilization of polyvinyl acetal. 2,396,557; Mar. 12.
Cox, Fred W., Cuyahoga Falls, and J. M. Wallace, Jr., Akron, Ohio, assignors to Wingfoot Corporation, Akron, Ohio. Color stabilization of vinyl halide resins. 2,410,775; Nov. 5.
Cox, George S., and E. J. Sandel, St. Louis, Mo.; said Sandel assignor to said Cox. Game. 2,409,547; Oct. 15.
Cox, Harold E., London, England, assignor to General Electric Company. Electric circuit interrupter. 2,392,647; Jan. 8.
Cox, Henry L., South Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Producing strain-free thermoplastic articles. 2,397,471; Apr. 2.
Cox, Irvin W., West Allis, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Metallic compounds adapted to form an electrical contact. 2,410,717; Nov. 5.
Cox, Irvin W., West Allis, and L. D. Drugmand, assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Embedded resistance unit. 2,396,087; Mar. 5.
Cox, James L., Ramsey, and D. G. Trutner, Rutherford, assignors to Duro-Test Corporation, North Bergen, N. J. Fluorescent lamp. 2,411,679; Nov. 26.
Cox, Joseph H., Forest Hills, and H. C. Myers, Irwin, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Vapor-electric system. 2,397,089; Mar. 26.
Cox, Ralph, Jr., Pittsburgh, Pa. Rotary wing aircraft. 2,394,846; Feb. 12.
Cox, Richard F. B., assignor to Hercules Powder Company, Wilmington, Del. Producing pentaerythritol. 2,407,929; Sept. 17.
Cox, Richard F. B., assignor to Hercules Powder Company, Wilmington, Del. Treatment of primary oleoresin acids. 2,409,930; Oct. 22.
Cox, Robert G., assignor to Michigan Patents Corporation, Jackson, Mich. Nipple inserting tool. 2,400,686; May 21.
Cox, Samuel F., Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Window construction. 2,401,552; June 4.
Cox and Stevens Aircraft Corporation, assignee: *See*— Thurston, Arthur L.
Cox, Thomas K., Randallstown, A. N. Gray, Joppa, and V. A. Rayburn, Baltimore, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Apparatus for covering articles. 2,393,023; Jan. 15.
Cox, Thomas K., Randallstown, A. N. Gray, Joppa, and V. A. Rayburn, Baltimore, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Coating lead sheathed cable. 2,393,024; Jan. 15.
Cox, Walter C., Denver, Colo. Antifriction drive wheel. 2,413,099; Dec. 24.
Coxhead, Ralph C., Corporation, assignee: *See*— Norton, Charles W.
Coye, Clarence W., assignor to Moraine Box Company, Dayton, Ohio. Box hinge. 2,399,989; May 7.
Coyle, John, Baltimore, Md., assignor to Continental Can Company, Inc., New York, N. Y. Deodorant can. 2,412,128; Dec. 3.
Coyle, John, Baltimore, Md., and W. F. Punte, Passaic, N. J., assignors to Continental Can Company, Inc., New York, N. Y. Collar can collar mounting. 2,403,788; July 9.
Coyle, Perry J., assignee, et. al.: *See*— Gilliam, Coleman W.
Coyne, Howard L., Rockville Centre, N. Y., J. J. Kuhn, Elizabeth, N. J., and J. E. Ross, Corona, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical resistance unit. 2,408,046; Sept. 24.
Cozad, Forrest L., assignee: *See*— Ackerman, Harold M.
Crabtree, J. A., & Co., Ltd., assignee: *See*— Hill, Walter R., Wintle, and Morgan.
Crabtree, John I.: *See*— Russell, Harold D., and Crabtree.
Crabtree, John I., and G. T. Eaton, assignors to Eastman Kodak Company, Rochester, N. Y. Photographic process and composition for fixing. 2,396,830; Mar. 19.
Crabtree, John I., and G. T. Eaton, assignors to Eastman Kodak Company, Rochester, N. Y. Photographic fixing process and compositions. 2,397,924; Apr. 9.
Crabtree, John I., and G. T. Eaton, assignors to Eastman Kodak Company, Rochester, N. Y. Processing of certain nongelatin emulsions. 2,409,107; Oct. 8.
Crabtree, John I., and G. T. Eaton, assignors to Eastman Kodak Company, Rochester, N. Y. Photographic fixing procedure and baths. 2,412,674; Dec. 17.
Crabtree, Leonard F., La Grange, Ill., and M. L. Markey, Columbus, Ohio, assignors to Automatic Electric Laboratories, Inc., Chicago, Ill. Signaling system. 2,395,168; Feb. 19.
Crader, William J.: *See*— Sargent, Frederick L., and Crader.
Craft, William S.: *See*— Packie, John W., and Craft.
Crafton, Henry H., Baden, assignor to H. H. Robertson Company, Pittsburgh, Pa. Building construction. 2,392,232; Jan. 1.
Crafton, Henry H., Baden, assignor to H. H. Robertson Company, Pittsburgh, Pa. Portable launching and landing mat for airplanes. 2,407,059; Sept. 3.
Crafts, Curtis S., and C. A. Harless, Oak Park, assignors to The Goss Printing Press Company, Chicago, Ill. Rotary printing press. 2,413,174; Dec. 24.
Crafts, Walter, and C. G. Chadwick, Niagara Falls, N. Y., assignors to Electro Metallurgical Company. Deep drawing steels containing chromium. 2,397,244; Mar. 26.
Craftsman Line-up Table Corporation, assignee: *See*— West, James, and Davis.
Craib, James F.: *See*— Loughlin, Bernard D., and Craib.
Craib, James F., Great Neck, N. Y., assignor, by mesne assignments, to Hazeltine Research, Inc., Chicago, Ill. Secrecy communication system. 2,402,059; June 11.
Craig, Burnie J., Los Angeles County, Calif. Making cellular systems. 2,403,265; July 2.
Craig, Charles C., Morrill, Nebr. Automobile jack. 2,408,376; Oct. 1.
Craig, David, Silver Lake Village, assignor, by mesne assignments, to The B. F. Goodrich Company, Akron, Ohio. Separation of conjugated diolefin isomers. 2,403,054; July 2.
Craig, Edward C.: *See*— Burgess, Robert O., and Craig.
Craig, Edward C., U. S. Navy. Mine mooring cutter. 2,396,686; Mar. 19.
Craig, Ernest, Falconbridge, Ontario, Canada, assignor to Goodman Manufacturing Company, Chicago, Ill. Self-loading vehicle. 2,392,025; Jan. 1.
Craig, Ernest, Falconbridge Township, Ontario, Canada. Vibratory hammer. 2,392,233; Jan. 1.
Craig, John W.: *See*— Money, Roland H., and Craig.
Craig, Loren J.: *See*— Mihalyi, Joseph, Bing, and Craig.
Craig, Palmer H., Gainesville, Fla., assignor to Invex Corporation. Television system. 2,393,890; Jan. 29.
Craig, Palmer H., Gainesville, Fla., assignor, by mesne assignments, to Invex Inc. Gaseous discharge device. 2,405,089; July 30.
Craig, W. E.: *See*— Hester, William F., and Craig.
Craig, William L., Westport, Conn., assignor to R. T. Vanderbilt Company, Inc., New York, N. Y. Coating compositions. 2,394,233; Feb. 5.
Craine, Inc., assignee: *See*— Craine, Zur W.
Craine, Zur W., Norwich, N. Y., assignor to Craine, Inc. Silo. 2,410,338; Oct. 29.
Cram, Harkness W., Pelham, assignor to Aircraft Screw Products Company, Inc., Long Island City, N. Y. Wire thread bushing. 2,401,912; June 11.
Cram, Hervey G., Appleton, assignor to Manitowoc Shipbuilding Company, Manitowoc, Wis. Consistency regulator. 2,392,026; Jan. 1.
Cramer, Francis B., Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Spinning process. 2,412,969; Dec. 24.
Cramer, Hans, Dinslaken, Niederrhein, Germany; vested in the Alien Property Custodian. Apparatus for delivering bars from cooling beds to live roll conveyers. 2,392,523; Jan. 8.
Cramer, Harold W.: *See*— Cramer, Roy A., R. A., Jr., and H. W.
Cramer, Howard I.: *See*— Olin, Robert R., and Cramer.
Cramer, Paul L., Highland Park, and C. R. Begeman, Grosse Pointe Woods, assignors to General Motors Corporation, Detroit, Mich. Conversion of paraffin hydrocarbons. 2,397,925; Apr. 9.
Cramer, R. W., Company, Incorporated, assignee: *See*— Scheilens, Eugene L., and Gibbs.
Cramer, Raymond H., Bloomfield, N. J., assignor to General Motors Corporation, Detroit, Mich. Sizing device for grinding machines and the like. 2,392,836; Jan. 15.
Cramer, Roy A., Jr.: *See*— Cramer, Roy A., R. A., Jr., and H. W.
Cramer, Roy A., R. A., Jr., and H. W., Kansas City, Mo. Chair. 2,400,630; May 21.
Cramer, Stanley S., Haddon Heights, N. J. Release means for electromagnetic structures. 2,393,590; Jan. 29.
Cramer, Stanley S., Haddon Heights, N. J. Radio tuning structure. 2,393,591; Jan. 29.
Cramer, Stanley S., Haddon Heights, N. J. Tuning structure for radio receiving sets. 2,400,193; May 14.
Cramer, William J., Jr.: *See*— Croft, Cyril M., and Cramer.

Crandall Dry Dock Engineers Inc., assignee: *See*— Crandall, James S.
Crandall, James R.: *See*— Phillips, Albert J., Lebedeff, and Crandall.
Crandall, James S., Lexington, assignor to Crandall Dry Dock Engineers Inc., Cambridge, Mass. Railway dry dock. 2,392,081; Jan. 1.
Crane, Carl J., Sacramento, Calif. Navigational instrument. 2,393,310; Jan. 22.
Crane, Carl J., Sacramento, Calif. Airplane turn indicator. 2,396,687; Mar. 19.
Crane, Carl J., Sacramento, Calif. Sensitive switch control apparatus. 2,412,206; Dec. 10.
Crane Co., assignee: *See*— Baldwin, William J.
Bassett, Charles H.
Fawkes, Donald G.
Gleeson, Murray A.
Hatfield, Arthur W.
Hedberg, Albert F., and Colbert.
Kanter, Jerome J., and Smith.
Marshall, William A., Jr.
Mueller, Alfred.
Newton, Norman B., and Fennema.
Vande Bogart, Leonard G., and Manuel.
Zinkil, Roy H., and Newman.
Crane, Edward V., Brooklyn, and H. F. Johnson, Baldwin, assignors to E. W. Bliss Company, Brooklyn, N. Y. Clamping hub. 2,395,169; Feb. 19.
Crane, Edward V., and K. A. Kuhn, assignors to E. W. Bliss Company, Brooklyn, N. Y. Flanging machine. 2,412,874; Dec. 17.
Crane, Franklin S., Montrose, Calif. Well pipe screwing device. 2,412,875; Dec. 17.
Crane, Hubert R., Los Angeles, Calif. Pipe bore scraping scoop. 2,402,314; June 18.
Crane, John, Palmer, Mass., assignor to Self-Locking Carton Co., Chicago, Ill. Indexing mechanism. 2,393,294; Jan. 22.
Crane Packing Company, assignee: *See*— Payne, Frank E.
Crane, Raymond E., and J. M. Hendrickson, Kittanning, Pa. Supply valve mechanism. 2,391,940; Jan. 1.
Crane, Theodore D., Council Bluffs, Iowa. Bed service set. 2,408,550; Oct. 1.
Crane, Walton B., West Los Angeles, Calif. Holder for lipsticks and the like. 2,395,535; Feb. 26.
Crane, Walton B., Beverly Hills, assignor to Allied Plastics Company, Los Angeles, Calif. Cigarette case. 2,399,470; Apr. 30.
Cranmer, Ernie W., Wichita, Kans. Electric signal switch for pneumatic tires. 2,399,168; Apr. 30.
Cranston, John, Ironton, Ohio. Recovery of bromine and iodine from natural brines. 2,412,390; Dec. 10.
Cranston Print Works Company, assignee: *See*— Jones, Albert S.
Cranstone, Edwin L.: *See*— Alexander, Paul, and Cranstone.
Crapuchettes, Paul W., Schenectady, N. Y., assignor to General Electric Company. Electric discharge device. 2,399,003; Apr. 23.
Crary, Selden B., Schenectady, N. Y., assignor to General Electric Company. Regulator system. 2,411,710; Nov. 26.
Crary, Selden B., Schenectady, N. Y., assignor to General Electric Company. Supercharged engine exhaust power system. 2,412,970; Dec. 24.
Crause, Stephen S., Cleveland, Ohio. Crank and lubricated means for driving the same. 2,410,929; Nov. 12.
Craver, Augustus E.: *See*— Reichel, Frank H., and Craver.
Craver, John K., Webster Groves, assignor to Monsanto Chemical Company, St. Louis, Mo. Heat stable compositions. 2,410,635; Nov. 5.
Crawford, Alfred, assignor to Crawford Manufacturing Company, New Brunswick, N. J. Stop motion for knitting machines. 2,410,718; Nov. 5.
Crawford, Bert A., assignee: *See*— Robeson, Edna G., and Crawford.
Crawford, Chester C., El Cerrito, and W. E. Ross, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Isomerizing hydrocarbons. 2,394,752; Feb. 12.
Crawford, Chester C., El Cerrito, and D. L. Yabroff, Alameda, assignors to Shell Development Company, San Francisco, Calif. Isomerizing hydrocarbons. 2,404,436; July 23.
Crawford, David C., assignor to Crawford Door Company, Detroit, Mich. Door construction. 2,399,169; Apr. 30.
Crawford Door Company, assignee: *See*— Crawford, David C.
Crawford, Eliot G., Stonington, Conn., assignor to William Triant, Arlington, Mass. Textile spindle. 2,412,129; Dec. 8.
Crawford, Francis, Scarsdale, N. Y. Die structure for bending sheet metal. 2,405,778; Aug. 13.
Crawford, Francis W., Bartlesville, Okla., assignor to Phillips Petroleum Company. Prospecting for hydrocarbons. 2,398,580; Apr. 16.
Crawford Manufacturing Company, assignee: *See*— Crawford, Alfred.
Crawford, Richard A., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Fuel tank. 2,392,902; Jan. 15.
Crawford, Thomas B., Crown Point, Ind., and J. E. Vilbig, Chicago, Ill., assignors to Babson Bros. Co. Flow condition tester. 2,395,536; Feb. 26.
Crawford, Thomas G., Glenville, N. Y., assignor to General Electric Company. Electric discharge device and fabrication. 2,399,004; Apr. 23.
Crawford, Thomas G., Schenectady, N. Y., assignor to General Electric Company. Fabricating electric discharge devices. 2,399,005; Apr. 23.
Crawford, Victor L., Altamont, Ill. Safety device for fluid brake systems. 2,410,202; Oct. 29.
Crawford, Walter J., New Orleans, La. Surgical splint. 2,409,195; Oct. 15.
Crawford, William A., Mattoon, Ill., assignor to United Shoe Machinery Corporation, Flemington, N. J. Moccasin sewing machine. 2,408,738; Oct. 8.
Crawford, William E., Wauwatosa, assignor to A. O. Smith Corporation, Milwaukee, Wis. Hot-water tank and making the same. 2,401,231; May 28.
Crawley, James B., Edenton, N. C., assignor to Radio Corporation of America. Thermionic tube test apparatus. 2,399,859; May 7.
Crawley, James B., Camden, N. J., assignor to Radio Corporation of America. Amplifier circuit. 2,400,919; May 28.
Crawshaw, Harry, assignor to British Celanese Limited, London, England. Fabric. 2,412,562; Dec. 17.
Creagmile, John L., Oakland, Calif. Wheel alignment gauge. 2,410,339; Oct. 29.
Creamery Package Mfg. Company, The, assignee: *See*— Farrall, Arthur W.
Crecelius, Samuel B.: *See*— Rheineck, Alfred E., and Crecelius.
Cree, Marion S., Washington, Pa. Template. 2,409,019; Oct. 8.
Creech, Jesse E., Jacksonville, Fla. Door construction for cushioned cells. 2,397,926; Apr. 9.
Creed and Company Limited, assignee: *See*— Mason, Frederick P.
Thompson, Alfred Edward, and Salmon.
Creed, Frederick G., Croydon, assignor to Floating Stations Limited, London, England. Floating structure. 2,405,115; Aug. 6.
Creelman, George D., Mountain Lakes, N. J., and J. F. Crowther, Mount Vernon, N. Y., assignors to The M. W. Kellogg Company, Jersey City, N. J. Contacting solids with vapors. 2,409,476; Oct. 15.
Cremean, William F., Toledo, Ohio. Forming grab irons. 2,395,612; Feb. 26.
Crepe de Chine, Inc.: *See*— Hathorne, Berkeley L., and Seem.
Crepeau, Ernest A., Haverhill, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Taping midsoles. 2,397,245; Mar. 26.
Cress, Jay J., Schenectady, N. Y., assignor to General Electric Company. Crystal mounting. 2,409,838; Oct. 22.
Cress, William P., Lebanon, Mo. Short-circuit indicator. 2,410,636; Nov. 5.
Cressman, Homer W. J.: *See*— Brooker, Leslie G. S., and Cressman.
Crever, Frederick E., Scotia, N. Y., assignor to General Electric Company. Electric circuit. 2,407,476; Sept. 10.
Crever, Frederick E., Scotia, N. Y., and L. C. Calder, Catonsville, Md., assignors to General Electric Company. Regulator system. 2,412,442; Dec. 10.
Crew, Morris W., assignor to The Hotstream Heater Company, Cleveland, Ohio. Control means for draft regulators. 2,401,553; June 4.
Crewdson, Henry: *See*— Burke, Allen P., and Crewdson.
Crews, Lowell T.: *See*— Ralston, Anderson W., Crews, and Colt.
Criner, Harry E.: *See*— Kilgore, Lee A., and Criner.
Criner, Harry J., assignor of one-half to A. G. Bush, Davenport, Iowa. Toy. 2,409,839; Oct. 22.
Crise Electric Manufacturing Company, assignee: *See*— Crise, George W.
Crise, George W., Columbus, Ohio. Rotary heat motor. Re. 22,774; July 30.
Crise, George W., assignor to Crise Electric Manufacturing Company, Columbus, Ohio. Compensating stoker timer. 2,402,240; June 18.
Crise, George W., assignor to Crise Electric Manufacturing Company, Columbus, Ohio. Thermostatic switch. 2,413,100; Dec. 24.
Crites, Joe, Evanston, Ill., assignor to Combustion Engineering Company, Inc., New York, N. Y. Cyclone dust collector. 2,408,250; Sept. 24.
Crites, Wilbur J., deceased, by First National Bank in Bartlesville, Bartlesville, Okla., executor; said Crites assignor to Phillips Petroleum Company. Hydraulic coupling. 2,409,256; Oct. 15.
Crittenden, Philip L., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Air compressor. 2,406,202; Aug. 20.

Cox, Claude E., Detroit, Mich. Flow meter metering head. 2,403,849; July 9.
Cox, Francis A., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Relay. 2,412,968; Dec. 24.
Cox, Fred W., Cuyahoga Falls, assignor to Wingfoot Corporation, Akron, Ohio. Stabilized polyvinyl acetals. 2,396,555; Mar. 12.
Cox, Fred W., Cuyahoga Falls, assignor to Wingfoot Corporation, Akron, Ohio. Polyvinyl acetal stabilization. 2,396,556; Mar. 12.
Cox, Fred W., Cuyahoga Falls, assignor to Wingfoot Corporation, Akron, Ohio. Stabilization of polyvinyl acetal. 2,396,557; Mar. 12.
Cox, Fred W., Cuyahoga Falls, and J. M. Wallace, Jr., Akron, Ohio, assignors to Wingfoot Corporation, Akron, Ohio. Color stabilization of vinyl halide resins. 2,410,775; Nov. 5.
Cox, George S., and E. J. Sandel, St. Louis, Mo.; said Sandel assignor to said Cox. Game. 2,409,547; Oct. 15.
Cox, Harold E., London, England, assignor to General Electric Company. Electric circuit interrupter. 2,392,647; Jan. 8.
Cox, Henry L., South Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Producing strain-free thermoplastic articles. 2,397,471; Apr. 2.
Cox, Irvin W., West Allis, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Metallic compounds adapted to form an electrical contact. 2,410,717; Nov. 5.
Cox, Irvin W., West Allis, and L. D. Drugmand, assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Embedded resistance unit. 2,396,087; Mar. 5.
Cox, James L., Ramsey, and D. G. Trutner, Rutherford, assignors to Duro-Test Corporation, North Bergen, N. J. Fluorescent lamp. 2,411,679; Nov. 26.
Cox, Joseph H., Forest Hills, and H. C. Myers, Irwin, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Vapor-electric system. 2,397,089; Mar. 26.
Cox, Ralph, Jr., Pittsburgh, Pa. Rotary wing aircraft. 2,394,846; Feb. 12.
Cox, Richard F. B., assignor to Hercules Powder Company, Wilmington, Del. Producing pentaerythritol. 2,407,920; Sept. 17.
Cox, Richard F. B., assignor to Hercules Powder Company, Wilmington, Del. Treatment of primary oleoresin acids. 2,409,930; Oct. 22.
Cox, Robert G., assignor to Michigan Patents Corporation, Jackson, Mich. Nipple inserting tool. 2,400,686; May 21.
Cox, Samuel F., Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Window construction. 2,401,552; June 4.
Cox and Stevens Aircraft Corporation, assignee: *See*— Thurston, Arthur L.
Cox, Thomas K., Randallstown, A. N. Gray, Joppa, and V. A. Rayburn, Baltimore, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Apparatus for covering articles. 2,393,023; Jan. 15.
Cox, Thomas K., Randallstown, A. N. Gray, Joppa, and V. A. Rayburn, Baltimore, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Coating lead sheathed cable. 2,393,024; Jan. 15.
Cox, Walter C., Denver, Colo. Antifriction drive wheel. 2,413,099; Dec. 24.
Coxhead, Ralph C., Corporation, assignee: *See*— Norton, Charles W.
Coye, Clarence W., assignor to Moraine Box Company, Dayton, Ohio. Box hinge. 2,399,989; May 7.
Coyle, John, Baltimore, Md., assignor to Continental Can Company, Inc., New York, N. Y. Deodorant can. 2,412,128; Dec. 3.
Coyle, John, Baltimore, Md., and W. F. Punte, Passaic, N. J., assignors to Continental Can Company, Inc., New York, N. Y. Collar can collar mounting. 2,403,788; July 9.
Coyle, Perry J., assignee, et. al.: *See*— Gilliam, Coleman W.
Coyne, Howard L., Rockville Centre, N. Y., J. J. Kuhn, Elizabeth, N. J., and J. E. Ross, Corona, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical resistance unit. 2,408,046; Sept. 24.
Cozad, Forrest L., assignee: *See*— Ackerman, Harold M.
Crabtree, J. A., & Co., Ltd., assignee: *See*— Hill, Walter E., Wintle, and Morgan.
Crabtree, John I.: *See*— Russell, Harold D., and Crabtree.
Crabtree, John I., and G. T. Eaton, assignors to Eastman Kodak Company, Rochester, N. Y. Photographic process and composition for fixing. 2,396,830; Mar. 19.
Crabtree, John I., and G. T. Eaton, assignors to Eastman Kodak Company, Rochester, N. Y. Photographic fixing process and compositions. 2,397,924; Apr. 9.
Crabtree, John I., and G. T. Eaton, assignors to Eastman Kodak Company, Rochester, N. Y. Processing of certain nongelatin emulsions. 2,409,107; Oct. 8.
Crabtree, John I., and G. T. Eaton, assignors to Eastman Kodak Company, Rochester, N. Y. Photographic fixing procedure and baths. 2,412,674; Dec. 17.
Crabtree, Leonard F., La Grange, Ill., and M. L. Markey, Columbus, Ohio, assignors to Automatic Electric Laboratories, Inc., Chicago, Ill. Signaling system. 2,395,168; Feb. 19.
Crader, William J.: *See*— Sargent, Frederick L., and Crader.
Craft, William S.: *See*— Packie, John W., and Craft.
Crafton, Henry H., Baden, assignor to H. H. Robertson Company, Pittsburgh, Pa. Building construction. 2,392,232; Jan. 1.
Crafton, Henry H., Baden, assignor to H. H. Robertson Company, Pittsburgh, Pa. Portable launching and landing mat for airplanes. 2,407,059; Sept. 3.
Crafts, Curtis S., and C. A. Harless, Oak Park, assignors to The Goss Printing Press Company, Chicago, Ill. Rotary printing press. 2,413,174; Dec. 24.
Crafts, Walter, and C. G. Chadwick, Niagara Falls, N. Y., assignors to Electro Metallurgical Company. Deep drawing steels containing chromium. 2,397,244; Mar. 26.
Craftsman Line-up Table Corporation, assignee: *See*— West, James, and Davis.
Craib, James F.: *See*— Loughlin, Bernard D., and Craib.
Craib, James F., Great Neck, N. Y., assignor, by mesne assignments, to Hazeltine Research, Inc., Chicago, Ill. Secrecy communication system. 2,402,059; June 11.
Craig, Burnie J., Los Angeles County, Calif. Making cellular systems. 2,403,265; July 2.
Craig, Charles C., Morrill, Nebr. Automobile jack. 2,408,376; Oct. 1.
Craig, David, Silver Lake Village, assignor, by mesne assignments, to The B. F. Goodrich Company, Akron, Ohio. Separation of conjugated diolefin isomers. 2,403,054; July 2.
Craig, Edward C.: *See*— Burgess, Robert O., and Craig.
Craig, Edward C., U. S. Navy. Mine mooring cutter. 2,396,686; Mar. 19.
Craig, Ernest, Falconbridge, Ontario, Canada, assignor to Goodman Manufacturing Company, Chicago, Ill. Self-loading vehicle. 2,392,025; Jan. 1.
Craig, Ernest, Falconbridge Township, Ontario, Canada. Vibratory hammer. 2,392,233; Jan. 1.
Craig, John W.: *See*— Money, Roland H., and Craig.
Craig, Loren J.: *See*— Mihalyi, Joseph, Bing, and Craig.
Craig, Palmer H., Gainesville, Fla., assignor to Invex Corporation. Television system. 2,393,890; Jan. 29.
Craig, Palmer H., Gainesville, Fla., assignor, by mesne assignments, to Invex Inc. Gaseous discharge device. 2,405,089; July 30.
Craig, W. E.: *See*— Hester, William F., and Craig.
Craig, William L., Westport, Conn., assignor to R. T. Vanderbilt Company, Inc., New York, N. Y. Coating compositions. 2,394,233; Feb. 5.
Craine, Inc., assignee: *See*— Craine, Zur W.
Craine, Zur W., Norwich, N. Y., assignor to Craine, Inc. Silo. 2,410,338; Oct. 29.
Cram, Harkness W., Pelham, assignor to Aircraft Screw Products Company, Inc., Long Island City, N. Y. Wire thread bushing. 2,401,912; June 11.
Cram, Hervey G., Appleton, assignor to Manitowoc Shipbuilding Company, Manitowoc, Wis. Consistency regulator. 2,392,026; Jan. 1.
Cramer, Francis B., Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Spinning process. 2,412,969; Dec. 24.
Cramer, Hans, Dinslaken, Niederrhein, Germany; vested in the Alien Property Custodian. Apparatus for delivering bars from cooling beds to live roll conveyers. 2,392,523; Jan. 8.
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Cramer, Paul L., Highland Park, and C. R. Begeman, Grosse Pointe Woods, assignors to General Motors Corporation, Detroit, Mich. Conversion of paraffin hydrocarbons. 2,397,925; Apr. 9.
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Cramer, Roy A., Jr.: *See*— Cramer, Roy A., R. A., Jr., and H. W.
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Creelman, George D., Mountain Lakes, N. J., and J. F. Crowther, Mount Vernon, N. Y., assignors to The M. W. Kellogg Company, Jersey City, N. J. Contacting solids with vapors. 2,409,476; Oct. 15.
Cremean, William F., Toledo, Ohio. Forming grab irons. 2,395,612; Feb. 26.
Crepe de Chine, Inc.: *See*— Hathorne, Berkeley L., and Seem.
Crepeau, Ernest A., Haverhill, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Taping midsoles. 2,397,245; Mar. 26.
Cress, Jay J., Schenectady, N. Y., assignor to General Electric Company. Crystal mounting. 2,409,838; Oct. 22.
Cress, William P., Lebanon, Mo. Short-circuit indicator. 2,410,636; Nov. 5.
Cressman, Homer W. J.: *See*— Brooker, Leslie G. S., and Cressman.
Crever, Frederick E., Scotia, N. Y., assignor to General Electric Company. Electric circuit. 2,407,476; Sept. 10.
Crever, Frederick E., Scotia, N. Y., and L. C. Calder, Catonsville, Md., assignors to General Electric Company. Regulator system. 2,412,442; Dec. 10.
Crew, Morris W., assignor to The Hotstream Heater Company, Cleveland, Ohio. Control means for draft regulators. 2,401,553; June 4.
Crewdson, Henry: *See*— Burke, Allen P., and Crewdson.
Crews, Lowell T.: *See*— Ralston, Anderson W., Crews, and Colt.
Criner, Harry E.: *See*— Kilgore, Lee A., and Criner.
Criner, Harry J., assignor of one-half to A. G. Bush, Davenport, Iowa. Toy. 2,409,839; Oct. 22.
Crise Electric Manufacturing Company, assignee: *See*— Crise, George W.
Crise, George W., Columbus, Ohio. Rotary heat motor. Re. 22,774; July 30.
Crise, George W., assignor to Crise Electric Manufacturing Company, Columbus, Ohio. Compensating stoker timer. 2,402,240; June 18.
Crise, George W., assignor to Crise Electric Manufacturing Company, Columbus, Ohio. Thermostatic switch. 2,413,100; Dec. 24.
Crites, Joe, Evanston, Ill., assignor to Combustion Engineering Company, Inc., New York, N. Y. Cyclone dust collector. 2,408,250; Sept. 24.
Crites, Wilbur J., deceased, by First National Bank in Bartlesville, Bartlesville, Okla., executor; said Crites assignor to Phillips Petroleum Company. Hydraulic coupling. 2,409,256; Oct. 15.
Crittenden, Philip L., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Air compressor. 2,406,202; Aug. 20.

Crncich, Tony, Noranda, Quebec, Canada, assignor to M. H. Detrick Company. Reverberatory furnace. 2,398,622; Apr. 16.

Crocker, James A., Jr., Mobile, Ala., assignor to Waterman Steamship Corporation. Rolling hatch beam construction. 2,398,280; Apr. 9.

Crocker, John C., Ware Shoals, S. C. Loom check strap. 2,393,148; Jan. 15.

Crocker, Ralph, Swampscott, Mass. Call transmitter. 2,392,726; Jan. 8.

Crocker, William D., Suffield, Conn., and F. S. Coe, assignors to American Bosch Corporation, Springfield, Mass. Magneto. 2,394,234; Feb. 5.

Crockett, Frank L., Tenants Harbor, Maine, assignor to Whitin Machine Works, Whitinsville, Mass. Top comb system. 2,410,150; Oct. 29.

Crockett, Harry L., assignor to Olin Industries, Inc., New Haven, Conn. Gas-operated self-loading firearm. 2,394,986; Feb. 19.

Crockett, Harry L., New Haven, Conn., assignor to Olin Industries, Inc. Safety mechanism for bolt-action firearms. 2,402,735; June 25.

Crockett, Robert E., Pompton Lakes, N. J., assignor to Dings Magnetic Separator Co., Milwaukee, Wis. Magnetic separator. 2,410,601; Nov. 5.

Crockett, William P., Chicago, Ill., assignor to S. H. Couch Company, Inc., North Quincy, Mass. Hospital plug connection. 2,405,735; Aug. 13.

Crockford, Joseph R., Mount Rainier, Md., assignor to H. Radzinsky and S. W. Dean, Jr., New York, N. Y. Tampon. 2,412,391; Dec. 10.

Croco, Charles P., Mount Lebanon, Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control of electrolytic processes. 2,404,948; July 30.

Croen, Mack M.: *See*—
Slaton, Martin M., and Croen.

Crofoot, J. B., Co., assignee: *See*—
Hallen, Carl E.

Croft, Arthur, Rawdon, near Leeds, England. Friction clutch. 2,407,060; Sept. 3.

Croft, Cyril M.: *See*—
Platt, Herbert, and Croft.

Croft, Cyril M., W. H. Hindle, and R. W. Pinault, Cumberland, Md., assignors to Celanese Corporation of America. Producing textile fabric. 2,391,950; Jan. 1.

Croft, Cyril M., and W. H. Hindle, Cumberland, Md., assignors to Celanese Corporation of America. Dyeing process. 2,399,627; May 7.

Croft, Cyril M., and T. S. Waller, Cumberland, Md., assignors to Celanese Corporation of America. Acid fading inhibition. 2,409,257; Oct. 15.

Croft, Cyril M., and W. J. Cramer, Jr., Cumberland, Md., assignors to Celanese Corporation of America. Fabric treatment. 2,410,867; Nov. 12.

Croft, George M., assignor to Blaw-Knox Company, Pittsburgh, Pa. Apparatus for cleaning strip metal. 2,395,397; Feb. 26.

Croft, John J., and B. E. Fox, assignors to High Point Bending & Chair Company, Siler City, N. C. Chair. 2,402,023; June 11.

Crom, John M., Washington, D. C. Method of and apparatus for tensioning wire. Re. 22,762; June 4.

Crompton & Knowles Loom Works, assignee: *See*—
Beatrice, Gabriel C.
Blanchard, William A.
Brouwer, Benjamin W.
Darwin, Clifford.
Fletcher, Norman.
McCaslin, Stanley N.
Patrick, Joseph M.
Payne, Oscar V.
Santon, Elliot A.
Sepavich, Victor F.
Turner, Richard G.
Wakefield, Walter H.

Cromwell, Robert H.: *See*—
Wanamaker, Elmer M., Cromwell, and Chamberlain.

Cronburg, Claude I., Cleveland Heights, Ohio, assignor to American Telephone and Telegraph Company, Enciphering and deciphering system. 2,403,888; July 9.

Cronholm, Einar, Gothenburg, Sweden. Electrically driven film feeding mechanism for photographic apparatus. 2,398,133; Apr. 9.

Cronstedt, Val, Marlboro, assignor to United Aircraft Corporation, East Hartford, Conn. Turbine seal. 2,410,340; Oct. 29.

Cronstedt, Val, Marlboro, assignor to United Aircraft Corporation, East Hartford, Conn. Diaphragm construction for turbines. 2,410,810; Nov. 12.

Cronstedt, Val, Marlboro, and A. Kalitinsky, Eagleville, assignors to United Aircraft Corporation, East Hartford, Conn. Piston construction for compressor units. 2,410,428; Nov. 5.

Crooke, Raymond E., Little Neck, assignor to Ford Instrument Company, Inc., Long Island City, N. Y. Spot mechanism for gun fire control. 2,398,522; Apr. 16.

Crooke, Raymond E., Great Neck, assignor to Ford Instrument Company, Inc., Long Island City, N. Y. Torpedo director. 2,402,024; June 11.

Crooke, Raymond E., Great Neck, assignor to Ford Instrument Company, Inc., Long Island City, N. Y. Torpedo director. 2,402,025; June 11.

Crooke, Raymond E., Great Neck, assignor to Ford Instrument Company, Inc., Long Island City, N. Y. Plotting mechanism. 2,402,026; June 11.

Crooke, Raymond E., Great Neck, assignor to Ford Instrument Company, Inc., Long Island City, N. Y. Gunfire control computer. 2,403,504; July 9.

Crooke, Raymond E., Great Neck, assignor to Ford Instrument Company, Inc., Long Island City, N. Y. Torpedo director. 2,403,505; July 9.

Crooke, Raymond E., Little Neck, assignor to Ford Instrument Company, Inc., Long Island City, N. Y. Damping mechanism. 2,405,017; July 30.

Crooke, Raymond E., New York, assignor to Ford Instrument Company, Inc., Long Island City, N. Y. Method of and apparatus for gunfire control. 2,410,016; Oct. 29.

Crooke, Raymond E., New York, assignor to Ford Instrument Company, Inc., Long Island City, N. Y. Computing fire control data. 2,412,443; Dec. 10.

Crooks, Harry M., Jr.: *See*—
Marker, Russell E., Crooks, Jr., and Wittle.

Crooks, John L.: *See*—
Nagle, Hugo, and Crooks.

Crooks, Louis G.: *See*—
Daily, Robert A., and Crooks.

Croom, Grover C., Little Rock, Ark. Sanitary drinking glass. 2,399,912; May 7.

Croname, Incorporated, assignee: *See*—
Patino, Alex.

Crosby, Bernard L., Seattle, Wash. Tire prerotating device. 2,412,033; Dec. 3.

Crosby, David R., Haddonfield, and W. C. Kimmich, Maple Shade, N. J., assignors to Radio Corporation of America. Wire wound resistor. 2,397,408; Mar. 26.

Crosby, Edward F., St. Paul, Minn. Combination stock and gasoline trailer. 2,395,039; Feb. 19.

Crosby, Fred B., assignor to Morgan Construction Company, Worcester, Mass. Billet charging mechanism. 2,397,339; Mar. 26.

Crosby, Melvin A.: *See*—
Linaces, Enrique L., and Crosby.

Crosby, Melvin A., assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Dual intersecting wire tube belt. 2,411,027; Nov. 12.

Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Frequency modulation receiver tuning indicator. 2,395,725; Feb. 26.

Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Negative transconductance device and circuit. 2,396,088; Mar. 5.

Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Control circuits. 2,396,688; Mar. 19.

Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Phase modulation detector. 2,397,840; Apr. 2.

Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Phase modulation detector. 2,397,841; Apr. 2.

Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Receiver selectivity control. 2,397,842; Apr. 2.

Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Pulse communication system. 2,401,618; June 4.

Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Oscillator and frequency modulator. 2,402,148; June 18.

Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Variable dot keyer. 2,405,876; Aug. 13.

Crosby, Stephen A., Chicago, Ill., assignor to Sterling Tool Products Company. Rubbing pad for polishing machines. 2,393,089; Jan. 15.

Crosby, Stephen A., Chicago, Ill., assignor to Sterling Tool Products Company. Flexible sleeve for rubbing machines. 2,393,592; Jan. 29.

Crosby, Stephen A., Chicago, Ill., assignor to Sterling Tool Products Company. Rubbing machine. 2,395,537; Feb. 26.

Crosley Corporation, The, assignee: *See*—
Money, Roland H., and Craig.

Crosman, Loring P., South Orange, assignor to Monroe Calculating Machine Company, Orange, N. J. Reversible clutch. 2,394,429; Feb. 5.

Crosman, Loring P., South Orange, assignor to Monroe Calculating Machine Company, Orange, N. J. Bearing. 2,410,719; Nov. 5.

Cross, Bert S.: *See*—
Palmquist, P. V., Cross, and Netherly.

Cross, Carroll N., Middleboro, Mass. Picture mount. 2,405,409; Aug. 6.

Cross, David L., Crestmont Park, West Orange, N. J. Shovel. 2,396,089; Mar. 5.

Cross, Garrett P. S., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Direction-controlling mechanism for guns. 2,407,871; Sept. 17.

Cross, Robert C., Riverside, assignor to Sears, Roebuck and Co., Chicago, Ill. Self-stoking water heater. 2,396,252; Mar. 12.

Cross, Robert C., Riverside, assignor to Sears, Roebuck and Co., Chicago, Ill. Boiler construction. 2,408,968; Oct. 8.

Cross, Robert C., Riverside, and G. W. Smardon, Lombard, assignors to Sears, Roebuck and Co., Chicago, Ill. Stoker boiler unit. 2,408,969; Oct. 8.

Cross, Robert P., Jr., J. F. Dillinger, Riverside, and A. N. Ogden, Chicago, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Magnetic materials. 2,393,295; Jan. 22.

Crossley, Alfred: *See*—
Kamler, Ben R., and Elam.

Crossley, Arthur, Wauregan, Conn., assignor to Wauregan Mills Incorporated. Apparatus for drawing. 2,404,218; July 16.

Crossley, Moses L., Plainfield, N. J., and J. P. English, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Preparation of 2-aminopyrozine. 2,394,963; Feb. 12.

Crot, Andre, Topanga, assignor to Lockheed Aircraft Corporation, Burbank, Calif. Pressure relief valve. 2,399,326; Apr. 30.

Crot, André, Los Angeles, assignor to Lockheed Aircraft Corporation, Burbank, Calif. Structural connector. 2,405,643; Aug. 13.

Crot, André, North Hollywood, assignor to Lockheed Aircraft Corporation, Burbank, Calif. Bit sharpener. 2,408,916; Oct. 8.

Crotch, William A., Orpington, assignor to J. Stone & Company Limited, Deptford, England. Electric regulator. 2,394,753; Feb. 12.

Crouch, Joel E., State College, Pa. Astronomical device. 2,412,130; Dec. 3.

Crouse, George B., East Setauket, F. A. Holt, Port Jefferson, and J. L. Jatlow, assignors to Photo-Positive Corporation, New York, N. Y. Photographic emulsions and methods. 2,401,051; May 28.

Crouse, George B., East Setauket, and F. A. Holt, Shoreham, assignors, by mesne assignments, to Photo-Positive Corporation, New York, N. Y. Manufacture of templates. 2,405,090; July 30.

Crouse-Hinds Company, assignee: *See*—
Olley, Raymond H.

Crowder, John A., Palmerton, Pa., assignor to The Solvay Process Company, New York, N. Y. Preparation of nitrogen tetroxide addition products. 2,402,315; June 18.

Crowder, John A., M. A. Kise, and G. A. Nesty, Syracuse, assignors to The Solvay Process Company, New York, N. Y. Production of unsaturated oximes. 2,394,430; Feb. 5.

Crowe, John, St. Joseph, Mo., assignor to The Marlin Firearms Company, New Haven, Conn. Ejector mechanism for firearms. 2,407,477; Sept. 10.

Crowe, John J., Westfield, N. J., assignor to Air Reduction Company, Incorporated. Gas torch. 2,398,884; Apr. 23.

Crowe, John J., Westfield, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Desulphurizing iron with molten calcium carbide. 2,409,020; Oct. 8.

Crowell-Collier Publising Company, assignee: *See*—
Lundbye, Axel B.

Crowell, Erd V., Huntington Park, Calif. Oil well device. 2,397,472; Apr. 2.

Crowell, Erd V., Glendale, Calif. Testing formations in wells. 2,397,473; Apr. 2.

Crowell, Oscar H., Russellville, Ala. Salt and pepper shaker. 2,395,613; Feb. 26.

Crowell, Walter S., Melrose Park, Pa., assignor to The S. S. White Dental Manufacturing Company. Dental cement. 2,406,063; Aug. 20.

Crowell, Walter S., Melrose Park, and G. W. Birch, Upper Darby, assignors to The S. S. White Dental Manufacturing Company, Philadelphia, Pa. Molding resins of vinyl type. 2,403,172; July 2.

Crowley, Charles, Astoria, assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Automatic gripper. 2,405,018; July 30.

Crowley, Cornelius J.: *See*—
De Laney, Wallace W., and Crowley.

Crowley, Henry L., assignee: *See*—
Martowicz, Chester T.

Crowley, John A., Jr., assignee: *See*—
Simpson, Thomas P., Payne, and Crowley.

Crowley, John C., Cleveland Heights, assignor to The Dill Manufacturing Company, Cleveland, Ohio. Making inserts for rubber valve stems. 2,398,698; Apr. 16.

Crowley, Joseph P.: *See*—
Orser, Horace G., and Crowley.

Crowley, Joseph P., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Process of forming glass prisms. 2,409,108; Oct. 8.

Crowley, Robert E., Baltimore, Md. Method of and means for recording. 2,403,911; July 16.

Crown Can Company, assignee: *See*—
Gladfelter, Willie L., and Ehrlich.

Crown Cork & Seal Company, Inc., assignee: *See*—
Calleson, Amos, and E. A.
Cooke, Giles B., and Gavin.
Cooper, William B., and Glock.
Enkur, Edward M.
Fankhanel, James W.
Gladfelter, Willie I., and Schmidt.
Goebel, George H., and Rau.
Kesler, William C., and Ryan.

Crown Cork & Seal Company, Inc., assignee: *See*—Continued
Lauve, Louis L.
McManus, Charles E., Elder, Cooke, and Dornblatt.
Patrick, Walter A., Jr., and Elder.
Rau, Barry A.
Stewart, Robert J.
Steward, Robert J., and Franz.
Rolker, Edwin.
Warth, Albin H., and Bulatkin.
Wilckens, Elbe A.
Wilckens, Elbe A., and Magill.

Crown Fastener Corporation, assignee: *See*—
Williams, Harvey, and Kellum.
Willis, Charles C.

Crown Zellerbach Corporation, assignee: *See*—
Bukowsky, Harry E.
Harris, Jesse A.
Swift, Frank H.

Crowson, Enoch E., Greenville, S. C. Reflected price tag or the like. 2,406,743; Sept. 3.

Crowther, Edmond C., Philadelphia, Pa., assignor to Illinois Tool Works, Chicago, Ill. Castellated nut. 2,393,519; Jan. 22.

Crowther, Edmond C., Philadelphia, Pa., assignor to Illinois Tool Works, Chicago, Ill. Lock nut. 2,393,520; Jan. 22.

Crowther, George A., Manhasset, assignor to Ford Instrument Company, Inc., Long Island City, N. Y. Cam mechanism. 2,402,027; June 11.

Crowther, George A., Manhasset, assignor to Ford Instrument Company, Inc., Long Island City, N. Y. Gunfire control computer. 2,403,506; July 9.

Crowther, John F.: *See*—
Creelman, George D., and Crowther.

Crowther, John F., Mount Vernon, N. Y., assignor to The M. W. Kellogg Company, Jersey City, N. J. Gas hydration. 2,399,723; May 7.

Crozier, Harold E., and A. G. H. Vanderpoel, Hawthorne, Calif. Antiknock or detonation damping device. 2,407,478; Sept. 10.

Crucible Steel Company of America, assignee: *See*—
Hyde, George G., and Hochuli.

Crum, Howard L., St. Louis, Mo. Stop for strand covering machines. 2,412,324; Dec. 10.

Crum, Reginald W., Arlington, Va. Resilient heel. 2,402,534; June 25.

Crumb, Charles F., Clarendon Hill, Ill., assignor to International Harvester Company. Tier. 2,405,688; Aug. 13.

Crump, Walter W.: *See*—
Syrcher, Edward V., McNair, and Crump.

Crumrine, Chester W., assignor to Eastman Kodak Company, Rochester, N. Y. Camera film wind and shutter control mechanism. 2,398,412; Apr. 16.

Crumrine, Chester W., assignor to Eastman Kodak Company, Rochester, N. Y. Camera construction. 2,402,149; June 18.

Crutcher-Rolfs-Cummings Company, assignee: *See*—
Cummings, James D.

Cruver, Henry A., Cleveland, Ohio. Amusement device. 2,395,398; Feb. 26.

Cruzan, Charles G., U. S. Navy. Computing device. 2,413,314; Dec. 31.

Cruzan, Harold: *See*—
Warrick, Edward C., and Cruzan.

Cruzan, Harold, assignor to United Aircraft Products, Inc., Dayton, Ohio. By-pass control valve. 2,392,213; Jan. 1.

Cruzan, Harold, assignor to United Aircraft Products, Inc., Dayton, Ohio. By-pass control valve. 2,392,214; Jan. 1.

Cruzan, Harold, and E. C. Warrick, assignors to United Aircrafts Products, Inc., Dayton, Ohio. Automatic oil conditioner. 2,406,203; Aug. 20.

Cryar, Buford L., Albertville, Ala. Rotary cast cutter. 2,406,744; Sept. 3.

Csepely, John A., New Haven, assignor to A. F. Holden, Northford, Conn. Oil burner. 2,395,614; Feb. 26.

Cubberley, Richard H., Ridgewood, and F. W. Yeager, Englewood, N. J., assignors to The Patent and Licensing Corporation, New York, N. Y. Bituminous compositions. 2,408,297; Sept. 24.

Cubert, Joseph R., assignor to Aurex Corporation, Chicago, Ill. Hearing aid. 2,395,318; Feb. 19.

Cubete, Joseph J., Charleston, S. C. Vending machine for newspapers and the like. 2,394,292; Feb. 5.

Cudini, Roger G., Birmingham, assignor to The Continuous Hinge Company, Northport, Mich. Machine for making hinges. 2,397,649; Apr. 2.

Culbreth, Alexander M., Valdosta, Ga. Cooling apparatus for bottled beverages. 2,405,091; July 30.

Cullen, Abbie B., Oxford, Miss. Building construction. 2,405,116; Aug. 6.

Cullen, Edward V., assignor to Cullen-Friestedt Company, Chicago, Ill. Work positioner. 2,396,161; Mar. 5.

Cullen-Friestedt Company, assignee: *See*—
Cullen, Edward V.

Cullen, William L., Los Angeles, assignor to Hughes Tool Company, Houston, Tex. Locking means for pressure chamber doors. 2,399,327; Apr. 30.

Culley, Lewis L., Jackson, Miss. Tree transplanting apparatus. 2,410,203; Oct. 29.

Cullinan, James T., administrator: *See—*
Lee, Edward C., and Thomas.

Cullman, Fred A., Jr.: *See—*
Paulus, Charles L.

Culmer, Thaddeus W., Robinson, Ill., assignor to The Ohio Oil Company, Findlay, Ohio. Cutting oil. 2,412,131; Dec. 3.

Culver, Merlyn M., assignor to United Aircraft Products, Inc., Dayton, Ohio. Automatic variable pump. 2,399,990; May 7.

Culver, Merlyn M., and L. L. Duncan, Dayton, Ohio. Molded part and forming. 2,402,960; July 2.

Cumming, James M.: *See—*
Boden, Samuel H., and Cumming.
Hill, Allan W., and Cumming.

Cumming, James M., Turtle Creek, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit breaker. 2,399,328; Apr. 30.

Cumming, Milton K., Bronxville, N. Y., and W. Van Tine, Raritan, N. J., assignors to Johns-Manville Corporation, New York, N. Y. Packing and making the same. 2,398,210; Apr. 9.

Cummings, Edgar H.: *See—*
Whitehouse, Irving Schofield, and Cummings.

Cummings, George H.: *See—*
Fenske, Merrell R., and Cummings.

Cummings, George H., State College, Pa., W. J. Sweeney, Elizabeth, N. J., and M. R. Fenske, State College, Pa., assignors of one-half to Standard Oil Development Company and one-half to Röhm & Haas Company. Refining of mineral oils. 2,396,300; Mar. 12.

Cummings, George H., State College, Pa., W. J. Sweeney, Elizabeth, N. J., and M. R. Fenske, State College, Pa., assignors of one-half to Standard Oil Development Company and one-half to Röhm & Haas Company. Refining of mineral oils. 2,396,301; Mar. 12.

Cummings, George H., State College, Pa., W. J. Sweeney, Elizabeth, N. J., and M. R. Fenske, State College, Pa., assignors of one-half to Standard Oil Development Company and one-half to Röhm & Haas Company. Refining of mineral oils. 2,396,302; Mar. 12.

Cummings, George H., State College, Pa., W. J. Sweeney, Elizabeth, N. J., and M. R. Fenske, State College, Pa., assignors of one-half to Standard Oil Development Company and one-half to Röhm & Haas Company. Refining hydrocarbon oils. 2,396,303; Mar. 12.

Cummings, James D., assignor to Crutcher-Rolfs-Cummings Company, Houston, Tex. Internal jig support for bending large diameter pipe. 2,401,052; May 28.

Cumming, James M., Turtle Creek, and R. C. Cunningham, East McKeesport, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit breaker. 2,408,199; Sept. 24.

Cummings, Melvin H., North Caldwell, N. J., assignor to Curtiss-Wright Corporation. Switch adjusting mechanism. 2,392,580; Jan. 8.

Cummings, Roy, Bloomfield, N. J., assignor to Curtiss-Wright Corporation. Tensile testing machine. 2,400,920; May 28.

Cummins, Carl M., Toledo, Ohio. Split ring manufacture. 2,410,204; Oct. 29.

Cummins, Claude A., Midland, Mich., assignor to The Dow Chemical Company. Purifying caustic alkali solution. 2,403,789; July 9.

Cummins, Clessie L., assignor to Cummins Engine Company, Inc., Columbus, Ind. Fuel feeding and injection apparatus for oil burning engines. 2,408,298; Sept. 24.

Cummins Engine Company, Inc., assignee: *See—*
Cummins, Clessie L.

Cummins, Roy M., Akron, Ohio. Freezing tray. 2,411,193; Nov. 19.

Cuneo, Joseph F.: *See—*
Doumani, Thomas F., and Cuneo.

Cunning, Thomas G., Upland, assignor to Brogdex Company, Pomona, Calif. Coating apparatus. 2,402,986; July 2.

Cunningham, George E., N. H. Chamberlain, and J. B. Speakman, Leeds, assignors to Cefoil Limited, Maldenhead, England. Production of alginic acid compounds. 2,403,707; July 9.

Cunningham, James, Son & Company, assignee: *See—*
Fergusson, David.

Cunningham, James G., Grosse Pointe Farms, and R. A. Cunningham, Detroit, Mich. Cart. 2,393,149; Jan. 15.

Cunningham, James M.: *See—*
Brand, Samuel, and Cunningham.

Cunningham, John R., Larkspur, assignor, by mesne assignments, to California Research Corporation, San Francisco, Calif. Separation of cobaltite. 2,403,640; July 9.

Cunningham, Lewis L., Los Angeles, assignor to General Controls Co., Glendale, Calif. Control apparatus. 2,401,861; June 11.

Cunningham, Lewis L., Glendale, Calif., assignor to Perfex Corporation, Milwaukee, Wis. Burner control apparatus. 2,408,047; Sept. 24.

Cunningham, Marion M., South Bend, assignor to Mishawaka Rubber & Woolen Manufacturing Company, Mishawaka, Ind. Mattress. 2,399,628; May 7.

Cunningham, Marion M., South Bend, assignor to Mishawaka Rubber and Woolen Manufacturing Company, Mishawaka, Ind. Molding apparatus. 2,406,589; Aug. 27.

Cunningham, Richard C.: *See—*
Cumming, James M., and Cunningham.

Cunningham, Richard C., East McKeesport, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit breaker. 2,408,056; July 2.

Cunningham, Robert A. *See—*
Cunningham, James G. and R. A.

Cunningham, Robert C., San Francisco, Calif. Welding apparatus. 2,412,080; Dec. 3.

Cunningham, Thomas P., Kearny, N. J. Automatic turbo-planetary transmission. 2,409,196; Oct. 15.

Cunningham, William, Fort Benning, Ga. Parachute harness and quick release fastening means. 2,393,311; Jan. 22.

Cupery, Martin E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dust collecting composition and method. 2,407,255; Sept. 10.

Cupples, Homer L., Alexandria, Va., assignor to United States of America, as represented by the Secretary of Agriculture. Measurement of surface tension. 2,401,053; May 28.

Curk, Ralph D., Dayton, Ohio, assignor to Chandler-Evans Corporation, South Meridan, Conn. Carburetor. 2,412,563; Dec. 17.

Curlee, Harvey P., near Charlotte, N. C. Nut blanching machine. 2,405,292; Aug. 6.

Curmode, Harry P., and N. N. Gardiner, assignors to The Reynolds & Reynolds Company, Dayton, Ohio. Perforated multiple part form sheet. 2,392,976; Jan. 15.

Curran, James M.: *See—*
Bannerman, Gordon H., Buran, and Trout.

Current, Farmer L., South Charleston, W. Va., assignor to Carnegie-Illinois Steel Corporation. Heat measuring apparatus. 2,412,564; Dec. 17.

Currie, Donald, Odebolt, Iowa. Hitch attachment for tractors. 2,392,903; Jan 15.

Currie, Eric M., assignor to The International Mechanite Metal Company, Limited, London, England. Apparatus for the determination of the fluidity of molten metals. 2,395,254; Feb. 19.

Currie, Lauchlin M., executor: *See—*
Yngve, Victor.

Curry, Harold E., Seattle, Wash. Atomizer. 2,406,997; Sept. 3.

Curry, Herman H., Montgomery County, Md., and A. M. Dudley, Oakmont, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Diesel electric marine drive. 2,400,979; May 28.

Curry, Herman H., Montgomery County, Md., and A. M. Dudley, Oakmont, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Diesel electric marine drive. 2,411,367; Nov. 19.

Curry, Paul N.: *See—*
Morgan, Ralph E., and Curry.

Curry, Robert S., Jr.: *See—*
Esval, Orland E., and Curry.

Curry, Robert S., Jr., Baldwin, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Gyro flux valve compass system. 2,393,974; Feb. 5.

Curry, Robert S., Jr., Baldwin, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Magnetic coupling controlling gyro instruments. 2,397,949; Apr. 9.

Curry, Robert S., Jr., Baldwin, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Controlling means for gyro instruments. 2,401,337; June 4.

Curry, Robert S., Jr., Baldwin, N. Y., assignor to Sperry Gyroscope Company, Inc. Erecting means for gyro vertical instruments. 2,408,411; Oct. 1.

Curtis, David, New York, N. Y. Anaesthetic salts of p-aminobenzoic acid esters. 2,395,538; Feb. 26.

Curtis, David, Bronx, N. Y. Cementitious preparations. 2,413,294; Dec. 31.

Curtis, Dwight C., Deerfield, Ill. Handling and stacking railroad ties and the like. 2,396,090; Mar. 5.

Curtis, Earl W., Cuyahoga Falls, Ohio. Massaging machine. 2,395,040; Feb. 19.

Curtis Engineering Company, assignee: *See—*
Morgan, Harry C.

Curtis, Franklin E., Euclid, Ohio, assignor to Addressograph-Multigraph Corporation, Wilmington, Del. Printing machine. 2,392,082; Jan. 1.

Curtis, Franklin E., Willoughby, assignor to Addressograph-Multigraph Corporation, Cleveland, Ohio. Sheet feeding mechanism. 2,393,614; Jan. 29.

Curtis, Fred W., Chicago, Ill., assignor to Ivano, Inc. Self-aligning contact. 2,397,246; Mar. 26.

Curtis, Geoffrey, Coventry, assignor to Courtaulds Limited, London, England. Twisting spindle for spinning, twisting, and like machines. 2,402,028; June 11.

Curtis, James H.: *See—*
Bolinger, John C., Brumbaugh, and Curtis.

Curtis, John C., and E. G. Gartin, Claremont, N. H., assignors to Joy Manufacturing Company. Drilling apparatus. 2,407,976; Sept. 24.

Curtis, Leslie F., Great Neck, N. Y., assignor to Hazeltine Corporation. Radio-frequency carrier-signal limiting system. 2,395,615; Feb. 26.

Curtis, Leslie F., Great Neck, N. Y., assignor to Hazeltine Corporation. Adjustable coupling system. 2,396,831; Mar. 19.

Curtis, Lorin W.: *See—*
Braundsdorff, Reginald K., and Curtis.

Curtis, Lucien B., Verona, N. J., assignor to Radio Corporation of America. Electron discharge device. 2,412,800; Dec. 17.

Curtis Pump Company, assignee: *See—*
Curtis, Russell R.
Curtis, Russell R., and Gates.
Curtis, Russell R., and Heckert.
Curtis, William H. and R. R.
Dinsmore, Theodore R.
Dinsmore, Theodore R., and Thompson.
Heckert, Frederick W.

Curtis, Raymond M., Baltimore, Md., assignor to Macalaster Bicknell Company, Cambridge, Mass. Fluid inlet-outlet device, particularly for clinical purposes. 2,409,343; Oct. 15.

Curtis, Russell R.: *See—*
Curtis, William H. and R. R.

Curtis, Russell R., assignor to Curtis Pump Company, Dayton, Ohio. Booster pump for aircraft fuel systems. Re. 22,739; Apr. 2.

Curtis, Russell R., assignor to Curtis Pump Company, Dayton, Ohio. Vane type booster pump. 2,400,391; May 14.

Curtis, Russell R., assignor to Curtis Pump Company, Dayton, Ohio. Slotted throat booster pump. 2,408,918; Oct. 8.

Curtis, Russell R., assignor to Curtis Pump Company, Dayton, Ohio. Fuel system. 2,409,931; Oct. 22.

Curtis, Russell R., assignor to Curtis Pump Company, Dayton, Ohio. Pump pressure control system. 2,409,975; Oct. 22.

Curtis, Russell R., and F. W. Heckert, assignors to Curtis Pump Company, Dayton, Ohio. Fuel supply system. 2,394,431; Feb. 5.

Curtis, Russell R., and R. L. Gates, assignors to Curtis Pump Company, Dayton, Ohio. Pump and motor assembly. 2,413,546; Dec. 31.

Curtis, Sidney: *See—*
Rice, Edward A. B., Rose, and Curtis.

Curtis, Thomas E.: *See—*
Graves, Will T., Jr., and Curtis.

Curtis, William H., Los Angeles, Calif., and R. R. Curtis, assignors to Curtis Pump Company, Dayton, Ohio. Booster pump. 2,394,154; Feb. 5.

Curtiss, Leon F.: *See—*
Krasnow, Shelley, and Curtiss.

Curtiss, William R., assignor, by mesne assignments, to Great American Industries, Inc., Meridan, Conn. Shielded spark-plug connector. 2,398,359; Apr. 16.

Curtiss-Wright Corporation, assignee: *See—*
Andreopoulos, Theodore C., and Papadakos.
Birk, Paul M.
Blaylock, Raymond C.
Campbell, James R.
Cummings, Roy.
Enos, Louis H.
Flader, Fredric E.
Green, Christopher A.
Griswold, Gale, and Cannon.
Guerke, Ralph M.
Hawn, Ralph A., and Lacher.
Jenkins, Edward S., and Donovan.
Kearney, Norman L.
Korodi, Paul C., and McKinnie.
McKee, James H.
Meyer, Edward J.
Noyes, John, Jr., and Daggett.
Palmatier, Everett P.
Poškel, Charles A.
Rossmann, Peter F.
Steele, Frederick I.
Stewart, George E.
Trautschold, Reginald.
Trimbach, Clem G.
Trimbach, Clem G., and Birk.
Watt, James A., and Perkins.

Curtze, Max, Los Angeles, Calif., assignor to The Scholl Mfg. Co., Inc., Chicago, Ill. Capping tubing. 2,406,745; Sept. 3.

Curved Plywood Products Co., assignee: *See—*
Stewart, James S.

Cusa, Noel W.: *See—*
Baldwin, Alfred W., Cusa, and Worthington.

Cushman, Clifford E., Roscoe, assignor to Sturgess, Inc., Glendale, Calif. Control cable regulator. 2,399,793; May 7.

Cushman & Dennison Manufacturing Company, Inc., assignee: *See—*
Cushman, James S.

Cushman, Everett H., New York, N. Y., assignor to Air Reduction Company, Incorporated. Auxiliary jaw electrode holder. 2,402,535; June 25.

Cushman, James S., assignor to Cushman & Dennison Manufacturing Company, Inc., New York, N. Y. Package tie. 2,392,648; Jan. 8.

Cushman Sons Inc., assignee: *See—*
MacManus, John.

Cusic, John W., assignor to G. D. Searle & Co., Skokie, Ill. Tertiary amino derivatives of dihydroanthracene. 2,403,483; July 9.

Cusic, John W., assignor to G. D. Searle & Co., Skokie, Ill. Tertiary amino derivatives of dihydro-anthracene. 2,404,219; July 16.

Cusick, Edward F., Des Plaines, Ill. Producing mineral wool in pellet form. 2,394,155; Feb. 5.

Custer, Warren A., Newtown, Pa. Aircraft cabin and compartment for high altitude operation. 2,395,852; Mar. 5.

Cutler-Hammer, Inc., assignee: *See—*
Carlyle, Howard L.
Cox, Irvin W.
Cox, Irvin W., and Drugmand.
Emley, Philip W.
Feldhausen, Cyril P.
Hunter, Richard B.
Lightfoot, Edwin N.
Meuer, George J., and Millermaster.
Pell, Eric.
Posselt, Edward J.
Reeves, James B.
Russell, Frank J.
Schmidt, Edwin X.
Seeger, Edwin W.
Wirtzmann, Alex A.

Cutler, Jacob, Matapan, Mass. Mechanism for removing blanks from magazines and transferring the blanks to mandrels. 2,396,988; Mar. 19.

Cutler, Lloyd R., assignee, et al.: *See—*
Moran, Terence J.

Cutrer, Glynn E., Kentwood, La. Attachment for tractors. 2,392,027; Jan. 1.

Cuttino, William H., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Switching device. 2,406,321; Aug. 27.

Cutts, James, assignor to The Bristol Aeroplane Company Limited, Bristol, England. Air intake for internal combustion engines. 2,396,317; Mar. 12.

Cwicig, John D., Luray, Kans. Grain loading and unloading device. 2,401,465; June 4.

Cyclops Commercial and Construction Co., Ltd., assignee: *See—*
Williams, Francis A.

Cypser, Hugo F., assignor to Signal Engineering & Manufacturing Company, New York, N. Y. Electrical circuit controlling device. 2,392,810; Jan. 15.

Cyr, Benjamin: *See—*
Beam, Vilynn O., Cyr, and Wilson.

Czarnikow, George K., assignor to Wollensak Optical Company, Rochester, N. Y. Iris diaphragm mechanism for projection lenses. 2,411,777; Nov. 26.

Czerner, Severin F., Kings Mill, Tex. Folding tail vane windmill. 2,407,816; Sept. 17.

Czerner, Severin F., Kings Mill, Tex. Carburetor. 2,409,739; Oct. 22.

Czolgosz, Michael S., assignor of one-half to H. Shanker, Gary, Ind. Safety shutoff device for furnaces. 2,397,474; Apr. 2.

Czudek, August J., assignee: *See—*
Gilch, Herman P.
Schneider, Walter E.

Dack, Leo T. J., Leicester, England. Shoe and the like. 2,399,543; Apr. 30.

Dacrematt Limited, assignee: *See—*
Baker, Thomas T.

Dadisman, Frank B., Confluence, Pa. Sealed beam flashlight lamp. 2,402,375; June 18.

Daeves, Karl: *See—*
Becker, Gottfried, Daeves, and Steinberg.

Daggett, Myron L., Jr.: *See—*
Noyes, John, Jr., and Daggett.

Dahl, Harry, Indianapolis, Ind., assignor to P. R. Mallory & Co., Inc. Contact locating method. 2,406,281; Aug. 20.

Dahl, Llewellyn M., Moorhead, Minn. Combination dental diagnosis and office desk. 2,398,923; Apr. 23.

Dahl-Rode, Svein, New York, N. Y. Water softening material and preparing same. 2,391,951; Jan. 1.

Dahlander, Noel L., assignee: *See—*
Ellis, Frederick A.
Mosher, Walter I.

Dahlander, Nöel L., New Milford, Pa. Ladder. 2,397,950; Apr. 9.

Dahle, Joseph, West Newton, assignor, by mesne assignments, to Pro-phy-lac-tic Brush Company, Northampton, Mass. Making hollow articles. 2,397,340; Mar. 26.

Dahle, Joseph, West Newton, assignor, by mesne assignments, to Pro-phy-lac-tic Brush Company, Northampton, Mass. Treating polyvinyl alcohol. 2,407,061; Sept. 3.

Dahle, Lawrence A., Marietta, Minn. Combination square and bevel. 2,406,531; Aug. 27.

Dahlin, David: *See—*
Darby, Harry and Dahlin.

Dahlman, Verner, assignor to American Air Filter Company, Inc., Louisville, Ky. Open-faced air filter frame. 2,405,293; Aug. 6.

Dahlstrand, Josef Y., Indianapolis, Ind. Right angle transmission unit. 2,392,313; Jan. 8.

Dahlstrom, John J., New Orleans, La. Wheeled toy. 2,398,290; Apr. 9.

Daiber, Emil, Cleveland, Ohio. Pitot tube. 2,393,593; Jan. 29.

Dailey, Donald E., Germantown, assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Refrigerator assembly. 2,392,727; Jan. 8.

Dailey, Donald E., Germantown, assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Refrigerator. 2,393,238; Jan. 22.

Dailey, Gardner A., San Francisco, assignor to Rheem Manufacturing Company, Richmond, Calif. Shower stall. 2,394,667; Feb. 12.

Dailey, Hampton J.: *See*— Werner, Leo C., and Dailey.

Dailey, Hampton J., Bloomfield, N. J., assignor to Westinghouse Electric Corporation, Pittsburgh, Pa. Electronic discharge device. 2,396,772; Mar. 19.

Dailey, Hampton J., Bloomfield, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electron discharge device. 2,409,667; Oct. 22.

Dailey, Hampton J., Bloomfield, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Heat transfer assembly. 2,409,668; Oct. 22.

Dailey, Hampton J., and L. C. Werner, Bloomfield, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electron discharge device. 2,404,042; July 16.

Dailey, Manvel C.: *See*— King, George D., and Dailey.

Daily, Robert A., and L. G. Crooks, Muncie, Ind., assignor to General Motors Corporation, Detroit, Mich. Nonspill vent plug. 2,405,736; Aug. 13.

Dain Manufacturing Company of Iowa, assignee: *See*— Hill, George B., and Jones.

Dake, Charles W., Grand Haven, Mich. Telescope sight. 2,391,122; Jan. 1.

Dake Engine Co., assignee: *See*— MacEwing, Eugene D.

Dakin, Geoffrey, Didsbury, Manchester, assignor to The British Cotton Industry Research Association, Manchester, England. Machine for drafting fibrous materials. 2,399,006; Apr. 23.

Dale, Colin B., Oak Park, assignor to Webster-Chicago Corporation, Chicago, Ill. Phonograph tone arm mounting. 2,402,150; June 18.

Dale, Harold E: *See*— Zap, Edward F.

Dale, Loring J. Pie dough former, trimmer, and crimper. 2,409,021; Oct. 8.

D'Alelio, Gaetano F.: *See*— Wilson, Frank E., Esselen, and D'Alelio.

D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Reaction products of dimethylol urea and a halogenated acetamide. 2,393,752; Jan. 29.

D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Preparing hydroxyarylamino triazines. 2,393,755; Jan. 29.

D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Triazine derivatives. 2,394,042: Feb. 5.

D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Substituted phenols. 2,394,754; Feb. 12.

D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Interpolymers of a methylene malonic ester and an unsaturated alkyd resin. 2,403,791; July 9.

D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Copolymers of divinyl benzene and vinyl acetate. 2,404,220; July 16.

D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Copolymer of styrene and fusible partial polymer of divinyl benzene. 2,405,817; Aug. 13.

D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Interpolymerization products. 2,407,479; Sept. 10.

D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Synthetic compositions and products having molecularly oriented structure. 2,412,034; Dec. 3.

D'Alelio, Gaetano F., assignor to Pro-phy-lac-tic Brush Company, Northampton, Mass. Synthetic resin bonded abrasive. 2,403,213; July 2.

D'Alelio, Gaetano F., Northampton, Mass., assignor to General Electric Company. Preparing allyl and methallyl ether esters. 2,406,590; Aug. 27.

D'Alelio, Gaetano F., Northampton, Mass., assignor to General Electric Company. Mixtures of isomeric triazole derivatives and preparing the same. 2,406,591; Aug. 27.

D'Alelio, Gaetano F., assignor to Pro-phy-lac-tic Brush Company, Northampton, Mass. Manufacture of brush backs. 2,413,219; Dec. 24.

D'Alelio, Gaetano F., and J. W. Underwood, Pittsfield, Mass., assignors to General Electric Company. Reaction products of aldehydes and triazine derivatives 2,392,366; Jan. 8.

D'Alelio, Gaetano F., and J. W. Underwood, Pittsfield, Mass., assignors to General Electric Company. Triazine derivatives. 2,392,649; Jan. 8.

D'Alelio, Gaetano F., and J. W. Underwood, Pittsfield, Mass., assignors to General Electric Company. Reaction products of aldehydes and diazine derivatives. 2,392,837; Jan. 15.

D'Alelio, Gaetano F., and J. W. Underwood, Pittsfield, Mass., assignors to General Electric Company. Compositions containing diazinyl carboxy-alkyl sulphides. 2,393,753; Jan. 29.

D'Alelio, Gaetano F., and J. W. Underwood, Pittsfield, Mass., assignors to General Electric Company. Reaction products of aldehydes and triazine derivatives. 2,393,754; Jan. 29.

D'Alelio, Gaetano F., and J. W. Underwood, Pittsfield, Mass., assignors to General Electric Company. Preparing a diazine derivative. 2,403,790; July 9.

D'Alco, Paul F., Brooklyn, N. Y. Swivel. 2,400,291; May 14.

Dales, George F., assignor of one-third to A. R. Wells, Akron, Ohio. Electric timepiece movement. 2,400,687; May 21.

Daley, Harold B., Fort Worth, Tex. Combination work and jig support. 2,401,054; May 28.

Daley, Henry G.: *See*— Hayden, Kenneth F., Valas, and Daley. Payne, John W., Sargent, and Daley.

Dalin, David, Sodertalje, Sweden. Method of and apparatus for utilizing waste heat. 2,404,792; July 30.

Dalin, David, Sodertalje, Sweden. Fluid cooled damper. 2,410,017; Oct. 29.

Dalin, George A., assignor to Plax Corporation, Hartford, Conn. Making organo-silicon compounds containing a C-Si bond. 2,405,019; July 30.

Dallas Machine & Locomotive Works, Inc., assignee: *See*— Waters, John L.

Dallin, Edwin B., Arlington Heights, assignor, by mesne assignments, to Submarine Signal Company, Boston, Mass. Submarine signaling apparatus. 2,407,256; Sept. 10.

Dally, Roy, F. H. Goldsmith, and D. J. Munroe, assignors to Webster Electric Company, Racine, Wis. Recorder. 2,412,718; Dec. 17.

Dalrymple, Ferdinand H., Bedford, Ohio. Conveyer chain. 2,402,376; June 18.

Dalton, Harold R., Teaneck, N. J. Crystalline pellets and preparation. 2,400,292; May 14.

Dalton, Harold R., Teaneck, N. J., and A. G. Cooley, New York, N. Y., assignors, by mesne assignments, to Timefax Corp., Philadelphia, Pa. Making duplicating blanks by telefacsimile and the like. 2,398,779; Apr. 23.

Dalton, Robert H., assignor to Corning Glass Company, Corning, N. Y. Glass-to-metal seal. 2,392,314; Jan. 8.

Daly, George F., and B. H. Phillips, Endicott, assignors to International Business Machines Corporation, New York, N. Y. Bubble leveling device for training apparatus. 2,412,495; Dec. 10.

Daly, Thomas A., Sharpsville, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Starting device. 2,403,056; July 2.

Dalzen, Frederick R., assignee, et al.: *See*— Datzen, William F.

Dalzen, Louelle M., assignee, et al.: *See*— Dalzen, William F.

Dalzen, William F., Lennox, assignor to L. M., W. R., and F. R. Dalzen, Detroit, Mich., trustees. Grinding wheel edge dresser. 2,403,266; July 2.

Dalzen, William R., assignee, et al.: *See*— Dalzen, William F.

Dalziel, Charles F., Berkeley, Calif. Electric fence. 2,401,815; June 11.

Dam, Henry R.: *See*— Laug, M., and Dam.

Daman, Arthur C., assignor to Mining Process and Patent Company, Denver, Colo. Treating cereal grains. 2,393,975; Feb. 5.

Daman, Arthur C., assignor to Mining Process and Patent Company, Denver, Colo. Agitation and aeration apparatus. 2,410,429; Nov. 5.

Daman, Arthur C., and L. H. Logue, assignors to Mining Process and Patent Company, Denver, Colo. Agitating means and method. 2,393,976; Feb. 5.

Dana, Homer J., and H. F. Clarke, assignors to State College of Washington Research Foundation, Pullman, Wash. Photoelectric counter and speed measuring device. 2,400,489; May 21.

Dana, Leo I., Pelham, assignor to The Linde Air Products Company, New York, N. Y. Insulated container for liquefied gases and the like. 2,390,459; Mar. 12.

Danel, Pierre F., assignor to Ateliers Neyret-Beylier & Piccard-Pictet (Societe Anonyme), Grenoble, France. Valve system for sea wave power installations. 2,410,430; Nov. 5.

Danforth, Joseph D., assignor to Universal Oil Products Company, Chicago, Ill. Alkylation of hydrocarbons. 2,410,151; Oct. 29.

Danforth, Joseph D., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Isomerization of saturated hydrocarbons. 2,412,675; Dec. 17.

Dangelmajer, Charles, Nutley, assignor to Resistoflex Corporation, Belleville, N. J. Polyvinyl alcohol composition. 2,395,616; Feb. 26.

Dangelmajer, Charles, Nutley, assignor to Resistoflex Corporation, Belleville, N. J. Polyvinyl alcohol composition. 2,408,377; Oct. 1.

Daniel, Frederick K., Long Island City, N. Y., and J. L. Hutchings, Newark, N. J.; said Daniel assignor to Hornkem Corporation, Long Island City; said Hutchings assignor to Brosites Machine Company, New York, N. Y. Dialyzer. 2,399,471; Apr. 30.

Daniel, Isabelle H., Los Angeles, Calif. Liquid applicator. 2,407,770; Sept. 17.

Daniel, Thomas A., Downers Grove, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Method of and apparatus for soldering. 2,409,615; Oct. 22.

Daniel, Walter: *See*— Daur, Theodor, and Daniel.

Daniels, Arthur W., Cedar Rapids, Iowa, and J. P. Murtaugh, Oak Park, Ill. Dragline bucket. 2,398,360; Apr. 16.

Daniels, Claude H., Greenwich, Conn. Shoe. 2,398,623; Apr. 16.

Daniels, Fred C. T., Bridgeville, assignor to Mackintosh-Hemphill Company, Pittsburgh, Pa. Producing rolls. 2,394,156; Feb. 5.

Daniels, Jack, Brooklyn, N. Y. Garment. 2,399,428; Apr. 30.

Daniels, John J., assignor to The Imperial Brass Manufacturing Company, Chicago, Ill. Work holder for machine tools. 2,398,924; Apr. 23.

Daniels, Lee G., Rockford, Ill. Automatic water treating device. 2,407,538; Sept. 10.

Daniels, Lee G., Rockford, Ill. Valve system and control therefor. 2,407,539; Sept. 10.

Daniel, Paul P., Los Angeles, Calif. Orifice plate carrier. 2,407,951; Sept. 17.

Daniels, Rupert S., Union, N. J., assignor to Bakelite Corporation, New York, N. Y. Resinous compositions. 2,398,361; Apr. 16.

Daniels, Theodore L., Great Neck, assignor to Pitman-Dreitzer & Co., Inc., New York, N. Y. Combination covered butter dish and toast rack. 2,406,669; Aug. 27.

Danilla, Emma G., Berlin Heights, Ohio. Device for use in roasting poultry and the like. 2,404,166; July 16.

Daninos, Jean C.: *See*— Amand, Raymond H., and Daninos. Mejean, Jacques G., and Daninos.

Dank, Alfred P.: *See*— Williams, Alfred L. W., and Dank.

Danley, Gail L., assignee: *See*— Gibb, Thomas L.

Dannenberg, Eli M.: *See*— Hauser, Ernst A., and Dannenberg.

Dannenbert, Hans: *See*— Adelson, David E., and Dannenberg.

Danner, Arthur V., Villanova, Pa., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Converting hydrocarbons. 2,407,817; Sept. 17.

Danner, Harry S., Tamaqua, Pa. Pipe-line repair plug. 2,399,544; Apr. 30.

Dansel, Samuel E., Cheyenne, Wyo. Tap operating mechanism. 2,406,204; Aug. 20.

Dansereau, Charles E., Lakewood, assignor of one-half to H. M. Burt, Narragansett, and one-half to G. H. Burt, Cranston, R. I. Tubular lamp mounting. 2,403,968; July 16.

D'Antonio, Frank, San Francisco, Calif. Identification button. 2,411,987; Dec. 3.

Dantz, Thomas M., Chicago, Ill., assignor to The Ruberoid Co., New York, N. Y. Composite roof. 2,408,251; Sept. 24.

D'Aprile, Carmen, New York, N. Y., assignor to Panty-Zip, Inc. Garment. 2,411,129; Nov. 12.

Darby, George M., Westport, Conn., assignor to The Dorr Company, New York, N. Y. Hydraulic sizer for suspended solids. 2,410,637; Nov. 5.

Darby, Harry, and D. Dublin, Kansas City, Kans. Amphibian landing device. 2,393,296; Jan. 22.

Darby, William D., West Allis, Wis. Catenary roofline construction and forming it. 2,411,651; Nov. 26.

Darck, Carl J. G.: *See*— Mannerstedt, Folke, K. E., and Darck.

D'Arcy, James M., Brooklyn, N. Y. Crochet ball-holder. 2,410,018; Oct. 29.

Darden, Roy W., Atlanta, Ga. Building block forming machine. 2,400,631; May 21.

D'Ardenne, Walter H.: *See*— Green, Samuel G., D'Ardenne, Meinel, and De Vore.

Dare, Curtis T., assignor to Ex-Cell-O Corporation, Detroit, Mich. Rotary cutter head. 2,398,362; Apr. 16.

Darenberg, George W., Freeport, N. Y. Printing means. 2,400,632; May 21.

Darling & Company, assignee: *See*— Patience, William M., and Kimball.

Darling, Frank L., Hollywood, Calif. Screw driver. 2,396,040; Mar. 5.

Darling, Lewis A., Elkins Park, Pa., assignor of eighty per cent to Peerless Turbine Corporation, Wilmington, Del. Fluid turbine. 2,405,190; Aug. 6.

Darling, Robert B., Hopewell, Va., assignor to Hercules Powder Company, Wilmington, Del. Treatment of cellulose. 2,394,370; Feb. 5.

Darnall, James C.: *See*— Byrnes, James C., Moriarty, and Darnall.

Darnell, Rex C., assignor to King-Seeley Corporation, Ann Arbor, Mich. Speed governor. 2,408,161; Sept. 24.

Darragh, John K., Milwaukee, and H. E. Rue, Wauwatosa, Wis., assignors to Pabst Brewing Company, Chicago, Ill. Combined bottle carrier and carton. 2,413,315; Dec. 31.

Darrah, William A., Chicago, Ill., assignor to Owens-Illinois Glass Company. Apparatus for testing containers. 2,407,062; Sept. 3.

Darrow, Clarence E., Miami, Fla. Helicopter. 2,404,829; July 30.

Darwin, Clifford, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Letoff looms. 2,398,925; Apr. 23.

Darwin, Joseph A., East Orange, and R. Robertson, Kearney, N. J., said Robertson assignor to said Darwin. Automatic phonograph. 2,406,355; Aug. 27.

Dasburg, Alfred V.: *See*— Halles, William D., Brixner, Barker, and Dasburg.

Dashew, Jacob, Baltimore, Md. Thread marking machine. 2,412,768; Dec. 17.

Dashew, Robert L., deceased, Baltimore, Md.; Ruth L. Dashew, administratrix. Thread marker mechanism. 2,410,270; Oct. 29.

Dashew, Ruth L., administratrix: *See*— Dashew, Robert L.

Da Silveira, Isauro V., Galt, Calif. Combination cigarette holder and ash tray. 2,392,650; Jan. 8.

Daskais, Morris H., and E. K. Fields, Chicago, Ill., assignors to Research Corporation. Organic compounds and making same. 2,400,876; May 28.

D'Assis-Fonseca, Harold M.M.: *See*— Bowsher, E. A. H., d'Assis-Fonseca, and Ward.

D'Assis-Fonseca, Harold Mountjoy Muschamp, and H. J. Ward, London, W. C. 2, England, assignors, by mesne assignments, to International Standard Electric Corporation, New York, N. Y. Electric signaling system. 2,397,596; Apr. 2.

Dath, George E.: *See*— Lehman, Edward H., and Dath.

Dath, George E., assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorber. 2,392,028; Jan. 1.

Dath, George E., assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorber. 2,392,977; Jan. 15.

Dath, George E., assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorber. 2,395,171; Feb. 19.

Dath, George E., assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorber. 2,396,773; Mar. 19.

Dath, George E., assignor to W. H. Miner, Inc., Chicago, Ill. Shock absorber. 2,400,490; May 21.

Dath, George E., assignor to W. H. Miner, Inc., Chicago, Ill. Door operator. 2,402,241; June 18.

Dath, George E., assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorber. 2,402,536; June 25.

Dath, George E., assignor to W. H. Miner, Inc., Chicago, Ill. Railway draft rigging. 2,403,583; July 9.

Dath, George E., assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorber. 2,403,584; July 9.

Dath, George E., assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorber. 2,405,644; Aug. 13.

Dath, George E., assignor to W. H. Miner, Inc., Chicago, Ill. Shock absorber. 2,406,064; Aug. 20.

Dath, George E., assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorbing mechanism. 2,410,152; Oct. 29.

Dath, George E., assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorber. 2,413,295; Dec. 31.

Dath, George E., Mokena, assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorbing mechanism. 2,393,297; Jan. 22.

Dath, George E., Mokena, assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorber. 2,396,774; Mar. 19.

Dath, George E., Mokena, assignor to W. H. Miner, Inc., Chicago, Ill. Combined spring and friction shock absorbing mechanism. 2,398,083; Apr. 9.

Dath, George E., Mokena, assignor to W. H. Miner, Inc., Chicago, Ill. Car construction. 2,399,209; Apr. 30.

Dath, George E., Mokena, assignor to W. H. Miner, Inc., Chicago, Ill. Car construction. 2,399,210; Apr. 30.

Dath, George E., Mokena, assignor to W. H. Miner, Inc., Chicago, Ill. Car construction. 2,402,987; July 2.

Dath, George E., Mokena, assignor to W. H. Miner, Inc., Chicago, Ill. Railway car truck. 2,404,278; July 16.

Dath, George E., Mokena, assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorbing mechanism. 2,411,956; Dec. 3.

Dath, George E., and R. J. Olander, assignors to W. H. Miner, Inc., Chicago, Ill. Draft gear. 2,403,585; July 9.

Daub, Rudolph, West Caldwell, N. J. Internal-combustion engine. 2,392,464; Jan. 8.

Daub, Rudolph, West Caldwell, N. J. Internal-combustion engine. 2,412,952; Dec. 24.

Daudt, William H., assignor to Corning Glass Works, Corning, N. Y. Organo-siloxanes and making them. 2,397,727; Apr. 2.

Daughdrill, James H., Dalton, and R. F. Jessen, assignors, to Callaway Mills, La Grange, Ga. Doffing and donning apparatus. 2,412,444; Dec. 10.

Dauphinais, Henry C., Valley City, N. Dak. Cover for tin cans. 2,412,603; Dec. 17.

Daur, Theodor, Mannheim, and W. Daniel, Ludwighafen-on-the-Rhine, Germany; vested in the Alien Property Custodian. Adhesives and producing same. 2,407,143; Sept. 3.

Dausmann, Charles F., New Hyde Park, assignor to Premier Crystal Laboratories, Inc., New York, N. Y. Piezocrystal device of the sealed type. 2,412,719; Dec. 17.

Dauster, John F., Wilkinsburg, Pa. Head harness. 2,400,077; May 14.

Dauster, John F., Wilkinsburg, assignor to Mine Safety Appliances Company, Pittsburgh, Pa. Air purifying and filtering apparatus. 2,400,076; May 14.

Dautrick, Owen L., Detroit, Mich. Storm window construction. 2,402,242; June 18.

Dautrick, Owen L., and S. J., Detroit, Mich. Window structure. 2,397,090; Mar. 26.

Dautrick, Stewart J.: *See*—
Dautrick, Owen L. and S. J.

D'Avanzo, Alfonso, Yonkers, N. Y. Bracket. 2,395,255; Feb. 19.

Davenport, Arthur, Macclesfield, England. Feeding mechanism for ring doubling and like frames. 2,405,410; Aug. 6.

Davenport, Charles C., Media, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Turbine apparatus. 2,400,392; May 14.

Davenport, Charles C., Media, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Turbine apparatus. 2,402,377; June 18.

Davenport, James E., Richmond, Calif., assignor of one-half to L. J. Quinn. Safety appliance for hoisting apparatus. 2,393,312; Jan. 22.

Davenport, James E., and L. J. Quinn, Richmond, Calif.; said Quinn assignor to said Davenport. Stabilizer attachment for cranes. 2,408,378; Oct. 1.

Davenport, Robert: *See*—
Bell, Robert S., and Davenport.

Davenport-Woosley Processing Corporation, assignee: *See*—
Patton, James E.

Davey, Edward P., and E. W. H. Selwyn, Wealdstone, Harrow, England, assignors to Eastman Kodak Company, Rochester, N. Y. Sensitive photographic materials. 2,403,708; July 9.

David, Raymond C., Leominster, Mass., assignor to Delamore Company, Inc., New York, N. Y. Hair wave clip. 2,409,197; Oct. 15.

David, William K.: *See*—
Beattie, Horace S., and David.

Davidoff, Isidore, assignee: *See*—
McClure, Chauncy H.

Davids, Ernest M., assignor to Gladding, McBean & Co., Los Angeles, Calif. Sewer pipe joint. 2,401,554; June 4.

Davidsen, Jess S. W., Mountain View, Calif. Rotary electrical boost device for reducing control forces on airplanes. 2,406,356; Aug. 27.

Davidson, Allen M., South Bend, Ind. Trolling device. 2,393,090; Jan. 15.

Davidson, Arthur C., Chicago, Ill. Railway truck spring brake. 2,404,475; July 23.

Davidson, Charles A., Pottstown, Pa. Stripper mechanism for conveyers. 2,398,821; Apr. 23.

Davidson, Cyril D., Washington, Pa. Vulcanizing unit. 2,406,455; Aug. 27.

Davidson, Cyril D., Washington, Pa. Die. 2,413,547; Dec. 31.

Davidson, George E., Richmond, Calif. Fuel injection pump. 2,394,668; Feb. 12.

Davidson, Glenn, Aurora, Ill. Adhesives from vegetable proteinous material. 2,394,043; Feb. 5.

Davidson, Hobart O., Swarthmore, Pa., assignor to American Viscose Corporation, Wilmington, Del. Funnel guide mounting. 2,411,036; Nov. 12.

Davidson, John T., assignor to The Standard Register Company, Dayton, Ohio. Writing machine attachment. 2,392,838; Jan. 15.

Davidson, Leo R., assignor to The Sturgis Products Co., Sturgis, Mich. Tumbling barrel. 2,393,615; Jan. 29.

Davidson Manufacturing Corporation, assignee: *See*—
Davidson, William W., and Breman.
Dell, Edward F.

Davidson, Roy H., assignor to Vassar Company, Chicago, Ill. Breast pocket for brassières. 2,397,247; Mar. 26.

Davidson, Samuel H.: *See*—
Taylor, James, and Davidson.

Davidson, Trevor O., Milwaukee, assignor to Bucyrus-Erie Company, South Milwaukee, Wis. Trail jack. 2,412,971; Dec. 24.

Davidson, Trevor O., Milwaukee, Wis., and L. B. Schauer, Los Angeles, Calif., assignors to Bucyrus-Erie Company, South Milwaukee, Wis. Variable tread vehicle. 2,410,271; Oct. 29.

Davidson, Wilbur L.: *See*—
Calhoun, James C., Davidson, and Hansen.

Davidson, William W., Evanston, and F. J. Breman, Chicago, Ill., assignors to Davidson Manufacturing Corporation. Printing press. 2,406,205; Aug. 20.

Davies, Aaron, and E. Smith, Baker, Oreg.; G. Davies, administratrix of said A. Davies, deceased. Saw handle. 2,411,028; Nov. 12.

Davies, Benjamin L., assignor to United Ebonite & Lorival Limited, Little Lever, near Bolton, England. Liquid containers such as those of electric accumulators. 2,406,592; Aug. 27.

Davies, Charles, New York, N. Y. Air register. 2,395,319; Feb. 19.

Davies, Gertrude D. M.: *See*—
Zerner, Ernst, Davies, and Pollak.

Davies, Gomer L., Woodside, Md., assignor to Washington Institute of Technology, Inc., Washington, D. C. Radio beacon system. 2,402,378; June 18.

Davies, Grace, administratrix: *See*—
Davies, Aaron, and Smith.

Davies, Guy, Kempston, England. Internal-combustion engine. 2,392,524; Jan. 8.

Davies, Guy, Kempston, England. Rotary sleeve valve for internal-combustion engines. 2,395,994; Mar. 5.

Davies, James A.: *See*—
Scoville, Loren P., and Davies.

Davies, James G.: *See*—
Cartwright, Harold N., Davies, and Patterson.

Davies, Richard E.: *See*—
Magrane, John K., Esterly, and Davies.

Davies, William H.: *See*—
Ainley, Arthur D., and Davies.

Davio, Joseph C., Agawam, Mass. Billfold. 2,403,507; July 9.

Davis, Allan C., Baltimore, Md. Case unloading machine. 2,400,542; May 21.

Davis, Andrew W., Madison, Ill. Matrix filler. 2,406,322; Aug. 27.

Davis, Arnold R., Riverside, Conn., assignor to American Cyanamid Company, New York, N. Y. Rubber compositions. 2,397,409; Mar. 26.

Davis, Arnold R., Riverside, Conn., assignor to American Cyanamid Company, New York, N. Y. Diaryl guanidine addition products. 2,409,109; Oct. 8.

Davis, Arnold R., Riverside, Conn., assignor to American Cyanamid Company, New York, N. Y. Plasticizing chloroprene polymers. 2,409,344; Oct. 15.

Davis, Arnold R., Riverside, Conn., assignor to American Cyanamid Company, New York, N. Y. A diarylguanidine thiazole formaldehyde complex and making the same. 2,412,801; Dec. 17.

Davis, Arthur C., Burbank, Calif. Brush and indexing assembly. 2,402,736; June 25.

Davis, Arthur P., New York, N. Y., assignor to Arma Corporation. Gun control system. 2,406,324; Aug. 27.

Davis, Arthur P., New York, assignor to Arma Corporation, Brooklyn, N. Y. Journalling mechanism. 2,410,602; Nov. 5.

Davis, Arthur P., New York, and G. Agins, Brooklyn, N. Y., assignors to Arma Corporation. Remote control apparatus. 2,406,323; Aug. 27.

Davis, Arthur P., New York, and J. K. Macomber, Rockville Centre, N. Y., assignors to Arma Corporation. Selective system for gunfire control. 2,410,638; Nov. 5.

Davis, Bernard E., Brooklyn, N. Y. Adhesive tape. 2,399,545; Apr. 30.

Davis, Cecil B., and W. M. Arthur, Kingman, Ariz. Internal-combustion engine. 2,401,466; June 4.

Davis, Charles A., Peoria, Ill. Mooring device. 2,408,057; July 2.

Davis, Charles P., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Spray crystallizing apparatus. 2,396,689; Mar. 19.

Davis, Claud F., Johnson City, Tenn. Pump. 2,392,029; Jan. 1.

Davis, Clyde O., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Operation of internal-combustion engines. 2,393,594; Jan. 29.

Davis, Clyde O., and L. A. Burrows, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Perforating well casings. 2,399,211; Apr. 30.

Davis, Edward P., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Curing abrasive binders and abrasive articles produced thereby. 2,405,191; Aug. 6.

Davis, Ernest, assignor to The Prosperity Company, Inc., Syracuse, N. Y. Drying machine. 2,397,091; Mar. 26.

Davis, Ernest, assignor to The Prosperity Company, Inc., Syracuse, N. Y. Neck band clamp mechanism. 2,409,110; Oct. 8.

Davis, Ernest W., River Forest, Ill. Lubricating apparatus. 2,399,171; Apr. 30.

Davis, Ernest W., River Forest, Ill. Lubricating device. 2,403,058; July 2.

Davis, Ernest W., River Forest, Ill. Pneumatic motor. 2,406,747; Sept. 3.

Davis, Ernest W., River Forest, assignor to Stewart-Warner Corporation, Chicago, Ill. Resistance unit. 2,392,030; Jan. 1.

Davis, Ernest W., River Forest, assignor to Stewart-Warner Corporation, Chicago, Ill. Lubricant pump. 2,399,172; Apr. 30.

Davis, Ernest W., River Forest, assignor to Stewart-Warner Corporation, Chicago, Ill. Grease strainer. 2,404,621; July 23.

Davis, Ernest W., River Forest, assignor to Stewart-Warner Corporation, Chicago, Ill. Oil cup. 2,406,746; Sept. 3.

Davis, Ernest W., River Forest, assignor to Stewart-Warner Corporation, Chicago, Ill. Lubricant fitting. 2,410,480; Nov. 5.

Davis, Frances L., executrix: *See*—
Davis, Walwin L.

Davis, Francis W., Belmont, Mass. Power steering apparatus. 2,410,049; Oct. 29.

Davis, Frank M., Cedar Rapids, Iowa, assignor to Collins Radio Company. Radio transmitting and receiving system. 2,402,606; June 25.

Davis & Furber Machine Company, assignee: *See*—
Desrosiers, Lionel.

Davis, Garland H. B., Elizabeth, N. J., assignor to Standard Oil Development Company. Diesel fuels. 2,403,267; July 2.

Davis, Garland H. B., Hillside, and J. C. Zimmer, Union, N. J., assignors to Standard Oil Development Company. Nonfoaming compositions and making same. 2,394,596; Feb. 12.

Davis, Garland H. B., Elizabeth, W. J. Sweeney, Summit, and W. A. Herbst, Union, N. J., assignors to Standard Oil Development Company. Fuels for aircraft engines. 2,403,268; July 2.

Davis, Gustoff W., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Resistor. 2,405,192; Aug. 6.

Davis, Hamilton C., Diablo, Calif. Conveyer dump. 2,397,129; Mar. 26.

Davis, Harold C.: *See*—
Williams, Russell J., and Davis.

Davis, Harold S.: *See*—
Carpenter, Erwin L., Davis, and Wiedeman.
Morley, Charles E., and Davis.

Davis, Harold S., Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Manufacture of hydracrylic acid. 2,410,776; Nov. 5.

Davis, Helen S., assignee: *See*—
Shumate, Frank D., and Saathoff.

Davis, Herbert L., Walpole, Mass., assignor to The B. F. Goodrich Company, New York, N. Y. Footwear pressing apparatus. 2,392,315; Jan. 8.

Davis, Jack, El Dorado, Kans. Tool for installing nut plates or the like. 2,405,779; Aug. 13.

Davis, John H., Los Angeles, Calif. Shoe sole and heel construction. 2,410,019; Oct. 29.

Davis, John H., assignor to A. Bender, Los Angeles, Calif. Shoe construction. 2,396,832; Mar. 19.

Davis, John H., and R. W. Matthews, Aberdeen Proving Ground, Md., and N. G. McLean, Memphis, Tenn. Water-cooled ammunition rack. 2,406,809; Sept. 3.

Davis, Kenneth, Ontario, Calif. Drive coupling. 2,397,538; Apr. 2.

Davis, Lee M., assignor to Jones & Lamson Machine Company, Springfield, Vt. Work supporting and moving mechanism. 2,392,651; Jan. 8.

Davis, Lee M., assignor to Jones & Lamson Machine Company, Springfield, Vt. Grinding wheel truing mechanism. 2,406,357; Aug. 27.

Davis, Levi W., Marne, Mich. Boat trailer attachment. 2,410,570; Nov. 5.

Davis, Lewis, and E. C. Tuukkanen, Worcester, assignors to McLaurin-Jones Co., Brookfield, Mass. Meltable adhesive sealing and reinforcing tape. 2,398,735; Apr. 16.

Davis, Lewis, Worcester, and A. J. Gauthier, Brookfield, assignors to McLaurin-Jones Co., Brookfield, Mass. Asphalt adhesive. 2,409,258; Oct. 15.

Davis, Lewis W., Peabody, assignor to Metal Hydrides Incorporated, Beverly, Mass. Production of zirconium hydride. 2,411,524; Nov. 26.

Davis, Milton: *See*—
Tonks, Lewi, and Davis.

Davis, Orris L., and A. C. Nixon, Oakland, assignors to Shell Development Company, San Francisco, Calif. Treating hydrocarbons. 2,411,083; Nov. 12.

Davis, Raymond E., Berkeley, Calif., assignor to Kalman Floor Company, Inc., New York, N. Y. Machine for surfacing concrete. 2,395,399; Feb. 26.

Davis, Rowland F., Tuckahoe, N. Y., assignor to American Telephone and Telegraph Company. Selective signaling system. 2,408,299; Sept. 24.

Davis, Roy S., Otsego, Mich. Egg cleaning machine. 2,412,565; Dec. 17.

Davis, Tenney L., Norwell, assignor to National Fireworks, Inc., Hanover, Mass. Pyrotechnic devices. 2,409,111; Oct. 8.

Davis, Vincent C.: *See*—
Eldredge, Kenneth R., and Davis.

Davis, Walter R.: *See*—
Walmesley, Robert A., and Davis.

Davis, Walwin L., deceased, by F. L. Davis, executrix, Avon, assignor to E. D. McCurdy, trustee, Cleveland, Ohio. Pump. 2,394,371; Feb. 5.

Davis, Ward D.: *See*—
Lear, William P., and Davis.

Davis, William M.: *See*—
West, James, and Davis.

Davis, William M., Cambridge, Mass. Sensitive drill press. 2,396,642; Mar. 19.

Davison Chemical Corporation, The, assignee: *See*—
Litty, Frederick L., Jr.
Patrick, Walter A., Jr.

Davison, Robert L., New York, N. Y., and G. H. Rapp, New Haven, Conn., assignors to John B. Pierce Foundation, New York, N. Y. Building construction. 2,392,839; Jan. 15.

Dawes, Rodney, Royal Oak, Mich. Window construction. 2,408,739; Oct. 8.

Dawley, Clarence E.: *See*—
Arnott, Edward G. F., and Dawley.
Findlay, John H., Dawley, and Pfeiffer.
Slack, Charles M., Ehrke, and Dawley.
Slack, Charles M., Pfeiffer, and Dawley.

Dawley, Clarence E., Bloomfield, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Trigatron tube. 2,413,175; Dec. 24.

Dawn, George J., Waukegan, Ill., assignor to American Can Company, New York, N. Y. Conveyer wicket. 2,406,000; Aug. 20.

Dawsey, Lynn H., Kenmore, and H. A. Rudolph, Buffalo, assignors to Buffalo Electro-Chemical Company, Inc., Tonawanda, N. Y. Production of metal peroxides. 2,393,891; Jan. 29.

Dawson, Albert, Tarentum, Pa. Holder for containers. 2,408,611; Oct. 1.

Dawson, Daniel S., Tettenhall, Wolverhampton, assignor to Courtaulds Limited, London, England. Manufacture of threads, filaments, and the like from viscose. 2,393,595; Jan. 29.

Dawson, Edward, New York, N. Y., assignor to Sperry Gyroscope Company, Inc. Rotary valve. 2,397,130; Mar. 26.

Dawson, Edward, assignor to Sperry Gyroscope Company, Inc., New York, N. Y. Articulated transmission. 2,410,811; Nov. 12.

Dawson, Fred, West Roxbury, and J. F. Smith, Quincy, assignors to Compo Shoe Machinery Corporation, Boston, Mass. Shoe press. 2,397,843; Apr. 2.

Dawson, George H., Chicago, and P. O. Unger, Elmhurst, assignors to Wilson-Jones Company, Chicago, Ill. Loose-leaf binder. 2,403,851; July 9.

Dawson, John W., West Newton, assignor to Raytheon Manufacturing Company, Newton, Mass. Electrical control system. 2,394,535; Feb. 12.

Dawson, John W., West Newton, assignor to Raytheon Manufacturing Company, Newton, Mass. Circuit for electrical space discharge devices and operating same. 2,402,607; June 25.

Dawson, Orlie W., Ferndale, Mich. Grinding machine. 2,413,436; Dec. 31.

Dawson, Reginald C., and R. Couch, Jr., Detroit, and V. A. Prange, Berkley, assignors to Syncro-Cut Service Company, Detroit, Mich. Disintegrator drill. 2,399,212; Apr. 30.

Dawson, Robert A., Ottawa, Ontario, Canada, assignor to Western Precipitation Corporation, Los Angeles, Calif. Material dispensing hopper. 2,401,913; June 11.

Dawson, Samuel S., Fairway Hills, Md., and J. R. Pimlott, Lubbock, Tex. Electronic null indicator for electromagnetic micrometers. 2,393,977; Feb. 5.

Day-Brite Lighting, Inc., assignee: *See*—
Biller, David J.
Stempfl, Frederick.

Day, Daniel A., Columbus, Ohio. Hair curling comb. 2,406,490; Aug. 27.

Day, George G.: *See*—
MacMullin, Robert B., and Day.

Day, J. H., Company, The, assignee: *See*—
Nicholls, Malcolm B.

Day, John J.: *See*—
Day, William P., J. J. and W. P., Jr., and Heglaw.

Day, Joseph G., Toledo, Ohio, assignor, by mesne assignments, to Dental Research Corporation, Chicago, Ill. Production of artificial tooth structures. 2,412,207; Dec. 10.

Day, Luther F., Hawthorne, assignor to North American Aviation, Inc., Inglewood, Calif. Pneumatic shock absorber for drop hammer. 2,398,084; Apr. 9.

Day, Luther F., Hawthorne, Calif., assignor to North American Aviation, Inc. Press. 2,408,379; Oct. 1.

Day, Roland B., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 2,403,342; July 2.

Day, Roland B., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbonaceous solids. 2,406,810; Sept. 3.

Day, Roland B., and E. R. Kanhofer, Riverside, assignors to Universal Oil Products Company, Chicago, Ill. Contacting fluids with finely divided solid particles. 2,395,106; Feb. 19.

Day, Roland B., and E. R. Kanhofer, Riverside, assignors to Universal Oil Products Company, Chicago, Ill. Contacting fluids with finely divided solid particles. 2,400,194; May 14.

Day, William P., Jr.: *See*—
Day, William P., J. J., and W. P. Jr., and Heglaw.

Day, William P., J. J., and W. P., Jr., Cleveland Heights, and V. E. Heglaw, East Cleveland, Ohio. Vibrating hand trowel. 2,400,341; May 14.

Day, William P., Cleveland Heights, J. J. Day, Shaker Heights, W. P. Day, Jr., Cleveland Heights, and V. E. Heglaw, East Cleveland, Ohio. Pneumatic hand trowel. 2,411,317; Nov. 19.

Dayton Acme Co., assignee: *See*—
Canady, Don.
Dayton, Herbert P., Baytown, Tex., assignor to Standard Oil Development Company. Knife mount for high temperature precoat filters. 2,393,150; Jan. 15.
Dayton Liquid Meter Co., The, assignee: *See*—
Houser, Jesse E.
Dayton Precision Manufacturing Company, assignee: *See*—
Weber, Walter C.
Dayton Rubber Manufacturing Company, assignee: *See*—
Crosby, Melvin A.
Dayton Rubber Manufacturing Company, The, assignee: *See*—
Bacon, Henry M.
Bacon, Henry M., and Freedlander.
Freedlander, Abraham L.
Dayton, Victor: *See*—
Wallerstein, James S., Farber, and Dayton.
Dazley, Frederic C.: *See*—
Mueller, Adolf G., and Dazley.
Deacon, Cora, Davenport, Iowa, assignor to Deacon Products, Inc., Moline, Ill. Culinary equipment. 2,397,410; Mar. 26.
Deacon Products, Inc., assignee: *See*—
Deacon, Cora.
Deakin, Gerald, assignor to International Standard Electric Corporation, New York, N. Y. Electrical control system for automatic telephone systems. Re. 22,794; Oct. 1.
Deakin, Gerald, assignor to International Standard Electric Corporation, New York, N. Y. Electrical signaling system. 2,406,001; Aug. 20.
Deakin, Gerald, assignor to International Standard Electric Corporation, New York, N. Y. Selector terminal bank. 2,406,002; Aug. 20.
Deakin, Gerald, assignor to International Standard Electric Corporation, New York, N. Y. Telecommunication switching system. 2,410,050; Oct. 29.
Deakin, Gerald, assignor to International Standard Electric Corporation, New York, N. Y. Conveyer system control. 2,410,051; Oct. 29.
Deakin, Gerald, assignor to International Standard Electric Corporation, New York, N. Y. Party line ringing system. 2,411,525; Nov. 26.
Deakin, Gerald, New York, and E. S. McLarn, Manhasset, assignors to International Standard Electric Corporation, New York, N. Y. Impulse storing and repeating device. 2,411,526; Nov. 26.
Deal, Harmon B., Glen Ridge, N. J., assignor to Radio Corporation of America. Communication and recognition system. 2,404,696; July 23.
Deal, Harmon B., Bloomington, Ind., W. R. Alexander, Upper Montclair, N. J., and J. A. Rankin, Park Ridge, Ill. Receiver system. 2,413,296; Dec. 31.
De Almeida, José G., Rio de Janeiro, Brazil. Automatic telegraph transmitter. 2,407,818; Sept. 17.
Dean, Albert G., Narberth, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Aircraft pickup and towing apparatus. 2,395,172; Feb. 19.
Dean, Albert G., Narberth, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Spring arrangement for railway trucks. 2,396,558; Mar. 12.
Dean, Albert G., Narberth, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Bolster construction for rail car underframes. 2,405,117; Aug. 6.
Dean, Albert G., Narberth, assignor to The Budd Company, Philadelphia, Pa. Aircraft fuselage and wing construction. 2,407,480; Sept. 10.
Dean, Albert G., Narberth, assignor to The Budd Company, Philadelphia, Pa. Repairing skin blankets. 2,412,972; Dec. 24.
Dean, Albert G., Narberth, assignor to The Budd Company, Philadelphia, Pa. Metal repair structure. 2,412,973; Dec. 24.
Dean, David, assignor to Eastman Kodak Company, Rochester, N. Y. Masking color transparencies in mounts. 2,409,976; Oct. 22.
Dean, John, Harrisonburg, Va. Radio range orientator. 2,405,493; Aug. 6.
Dean, Maxwell O., Logan, W. Va., assignor to Sullivan Machinery Company. Overload release device. 2,394,669; Feb. 12.
Dean, Russell T., Stamford, Conn., and V. L. King, Bound Brook, N. J., assignors to American Cyanamid Company, New York, N. Y. Preparation of nicotinic acid. 2,409,345; Oct. 15.
Dean, Sidney W., Jr., assignee et al.: *See*—
Crockford, Joseph R.
Dean, Walter B., Narberth, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Axle drive, especially for railway vehicles. 2,405,193; Aug. 6.
De Anguera, Eva, assignee: *See*—
De Anguera, Philip.
De Anguera, Philip, assignor to Eva de Anguera, Norwood, Ohio. Drilling machine. 2,398,134; Apr. 9.
Deans, Frederick E.: *See*—
Brooksby, Ernest, and Deans.
Dearborn, Arthur S.: *See*—
Morgan, Thomas J., and Dearborn.
Dearborn Chemical Company, assignee: *See*—
Denman, Wayne L.
Gunderson, Lewis O.
Deardorff, Clarence E., Sacramento, Calif. Cream separator. 2,399,665; May 7.
Deere & Company, assignee: *See*—
Thompson, Hjalmar C.
Dearing, Le Roy M., Washington, D. C., assignor to Eastman Kodak Company, Rochester, N. Y. Color correction in multilayer film. Re. 22,764; June 11.
Dearing, Le Roy M., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic color correction process. 2,393,756; Jan. 29.
Dearmin, Paul E.: *See*—
Baird, John B., and Dearmin.
De Asis, Paul, New York, N. Y. Animal trap. 2,408,740; Oct. 8.
Deatherage, George E., St. Albans, W. Va. Metal lath. 2,392,525; Jan. 8.
Deaton, Emsley T., Brownsboro, Ala. Milk bottle heater. 2,413,176; Dec. 24.
Debacher, Max O., Springfield, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Plasticized polyvinyl acetal. 2,409,548; Oct. 15.
Debate, Robert, New Orleans, La., assignor to Bemis Bro. Bag Company, St. Louis, Mo. Bag closure. 2,393,151; Jan. 15.
De Baufre, William L., Lincoln, Nebr. Method and apparatus for separating and liquefying gases. 2,411,711; Nov. 26.
De Baun, John E., Upper Saddle River, N. J. Power transmitting mechanism. 2,392,904; Jan. 15.
De Beauregard, Amedee C., Locust Valley, N. Y., assignor to Specialties, Inc. Electrical follow-up system. 2,399,329; Apr. 30.
De Bell, George W., Stamford, Conn., assignor, by mesne assignments, to Reconstruction Finance Corporation. Shock absorbing strut for aircraft. 2,396,318; Mar. 12.
De Bell, George W., Middle River, and T. C. Hill, Baltimore, assignors to The Glenn L. Martin Company, Middle River, Md. Turnbuckle fairing and lock. 2,412,566; Dec. 17.
De Benedictis, Aldo: *See*—
Luten, Daniel B., Jr.
De Beukelaer, Frank L., assignor to Industrial Patents Corporation, Chicago, Ill. Manufacture of glue. 2,397,650; Apr. 2.
De Bey, Albert L. G., assignor to Purdue Research Foundation, West Lafayette, Ind. Remote control system by variable frequency signals. 2,396,091; Mar. 5.
De Brabander, Camiel, Newport, assignor to American Viscose Corporation, Wilmington, Del. Device for treating filamentary material. 2,402,609; June 25.
De Bruin, Milton H., Washington, D. C., and E. F. Flock, Chevy Chase, Md. Unitary boring and countersinking tool. 2,409,616; Oct. 22.
De Castro, Arthur: *See*—
Robinson, Edwin A., and De Castro.
Decca Record Company, Limited, the, assignee: *See*—
O'Brien, William J.
De Chappedelaine, Jean O., Reading, Pa. Flow controlled helicopter. 2,394,513; Feb. 5.
De Chappedelaine, Jean O., Reading, Pa. Helicopter rotor mounting. 2,410,963; Nov. 12.
Decker, Harry L., Ardmore, Pa., assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Light transmitting element. 2,398,624; Apr. 16.
Decker, Jacob, and G. W. Binns, assignors to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Centerless grinding machine. 2,397,131; Mar. 26.
Deckert, Harold B., Inez, Tex. Pipe holder. 2,413,297; Dec. 31.
De Coriolis, Ernest G., assignor to Surface Combustion Corporation, Toledo, Ohio. Carburizing one side only of relatively short tubular parts. 2,412,802; Dec. 17.
De Coursey, Everson M.: *See*—
Thelander, W. Vincent, De Coursey, Bechman, and Henning.
Dederick, Clinton H., Brentwood, assignor to The Emerson Electric Mfg. Company, St. Louis, Mo. Control mechanism. 2,413,137; Dec. 24.
Dee, Thomas J., & Co., assignee: *See*—
Niles, Joseph B.
Deebel, George F., Dayton, Ohio, assignor to Monsanto Chemical Company. Plasticized compositions. 2,399,330; Apr. 30.
Deem, Arden G., Urbana, Ill. Effecting material and heat transfer. 2,394,293; Feb. 5.
Deems, Frank E., Birmingham, Ala., assignor to Continental Gin Company. Baling press dog. 2,392,465; Jan. 8.
Deere & Company, assignee: *See*—
Anderson, Ralph L.
Colvin, Nolan D.
Court, Frank T.
Griff, Robert D.
Johnson, Ellsworth T.
Johnson, Theodore W.
Neighbour, Leonard B., and Thomann.
Oehler, Alvin W.
Oehler, Alvin W., and Johnson.
Rollin, Harvey G.
Silver, Walter H.
Strandlund, Carl G.
Walz, Claude W., and Griff.
White, Charles H.

Deere, John, Tractor Company, assignee: *See*—
McCormick, Elmer.
Worthington, Wayne H.
Deering, Roland F.: *See*—
Doumani, Thomas F., and Deery.
Deery, Roland: *See*—
Doumani, Thomas F., and Deery.
Defense Plant Corporation, assignee: *See*—
Woodward, Herbert S., and Bates.
De Filippis, Raymond, New York, N. Y. Automatic mixture regulating device for internal-combustion engines. 2,406,282; Aug. 20.
De Flon, James G., assignor to The Fluor Corporation, Ltd., Los Angeles, Calif. Air distribution in mechanical draft towers. 2,394,755; Feb. 12.
De Flon, James G., assignor to The Fluor Corporation, Ltd., Los Angeles, Calif. Fan. 2,398,523; Apr. 16.
De Forest, Lee, Los Angeles, Calif. Altitude determination. 2,410,868; Nov. 12.
De Ganahl, Carl, Bristol, Pa., assignor, by mesne assignments, to Reconstruction Finance Corporation. Remote control system. 2,393,892; Jan. 29.
De Ganahl, Carl, Trenton, N. J., assignor to Kaiser Cargo, Inc., Bristol, Pa. Wing float drag. 2,402,379; June 18.
De Ganahl, Carl, Trenton, N. J., assignor, by mesne assignments, to Kaiser Cargo, Inc., Bristol, Pa. Ammunition. 2,408,252; Sept. 24.
De Ganahl, Carl, Trenton, N. J., P. H. Stafford, Langhorne, and G. D. Conlee, Bristol, Pa., assignors, by mesne assignments, to Reconstruction Finance Corporation. Hydraulic controlling mechanism. 2,396,643; Mar. 19.
Degering, Edward F.: *See*—
Spence, John A., and Degering.
Degering, Edward F., West Lafayette, Ind., and G. C. Gross, Richmond, Va., assignors to Purdue Research Foundation, West Lafayette, Ind. Process of preparing sulphamide. 2,407,481; Sept. 10.
De Giers, Clarence A., Forest Hills, assignor to The Liquidometer Corporation, Long Island City, N. Y. Plural transmission means for electrical telemetric systems. 2,405,689; Aug. 13.
De Giers, Clarence A., Forest Hills, assignor to The Liquidometer Corporation, Long Island City, N. Y. Electrical totalizing system. 2,411,712; Nov. 26.
Degnan, William M.: *See*—
Hill, Arthur J., and Degnan.
De Gray, Joseph H., Springfield, Mass. Screw driver construction. 2,401,816; June 11.
De Groft, Walter J., Fort Wayne, Ind., assignor to Sanford Ink Company, Chicago, Ill. Marking pen. 2,392,840; Jan. 15.
De Groote, Melvin, University City, Mo., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Composition of matter and making same. 2,395,400; Feb. 26.
De Groote, Melvin, University City, Mo., assignor to Petrolite Corporation, Ltd., Wilmington, Del. New composition of matter. 2,400,393; May 14.
De Groote, Melvin, University City, Mo., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Composition of matter and making same. 2,403,343; July 2.
De Groote, Melvin, University City, Mo., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Composition of matter and making same. 2,403,344; July 2.
De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Composition of matter and making same. 2,394,432; Feb. 5.
De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,400,394; May 14.
De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Composition of matter and preventing water-in-oil type emulsions resulting from acidization of calcareous oil-bearing strata. 2,400,395; May 14.
De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Composition of matter and making same. 2,401,055; May 28.
De Groote, Melvin, University City, B. Keiser, Webster Groves, and A. F. Wirtel, Kirkwood, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Composition of matter and making same. 2,403,345; July 2.
De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Certain sulphosuccinates and making same. 2,405,737; Aug. 13.
De Groote, Melvin, University City, B. Keiser, Webster Groves, and A. F. Wirtel, Kirkwood, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Hydroxyacetylated drastically-oxidized ricinoleic acid compounds and making same. 2,406,206; Aug. 20.
De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Subresinous polyesters. 2,411,029; Nov. 12.
De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Esteramides. 2,411,957; Dec. 3.
De Gruchy, Ernest D., assignor to J. J. Bailey, Chicago, Ill. Record bearing document. 2,395,804; Mar. 5.
De Hart, Edward S.: *See*—
Errig, William F., and De Hart.
De Havilland Aircraft Company, The, assignee: *See*—
Halford, Frank B.
De Havilland Aircraft Company, Limited, The, assignee: *See*—
Gillmore, Kenneth B., and Brown.
Halford, Frank B.
Dehn, Joseph W., Great Neck, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Cryptographic telegraph system. 2,405,570; Aug. 13.
Dehn, Joseph W., Great Neck, and M. C. Goddard, Garden City, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,405,194; Aug. 6.
Deily, Arthur T.: *See*—
Andrews, Raynal W., Jr., and Deily.
Deimel, Albert H.: *See*—
Peterson, Carl D.
Peterson, Carl D., and Deimel.
Deinet, Joseph: *See*—
Lee, Henry R., Deinet, and Gottlieb.
Deinet, Joseph, and H. B. Gottlieb, Glassboro, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of 1-bromo-2-methylanthraquinone. 2,396,989; Mar. 19.
Delster Concentrator Company, The, assignee: *See*—
Stone, Spencer A.
Delters, August M., assignor to Southern Wood Preserving Company, Atlanta, Ga. Grapple for handling crossties and the like. 2,403,346; July 2.
Deltz, Louis S., Jr., Westfield, N. J., assignor to Nassau Smelting & Refining Company, Incorporated, New York, N. Y. Refining of nonferrous metals. 2,393,239; Jan. 22.
Deltz, Louis S., Jr., Westfield, N. J., assignor to Nassau Smelting & Refining Company, Incorporated, New York, N. Y. Refining of nonferrous metals. 2,403,586; July 9.
De Juhasz, Kalman J., State College, Pa. Engine indicator. 2,392,581; Jan. 8.
De Julio, Argentino, Los Angeles, Calif. Hairpin. 2,401,620; June 4.
De Kadt, George S., Leeuwarden, the Netherlands; vested in the Alien Property Custodian. Treatment of wet spun protein products. 2,392,582; Jan. 8.
De Kadt, George S., Leeuwarden, the Netherlands; vested in the Alien Property Custodian. Spinning proteins. 2,398,625; Apr. 16.
De Kiss, Nicholas, North Hollywood, Calif., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Accumulator bladder. 2,397,248; Mar. 26.
De Lacy-Mulhall, Katherine, administratrix: *See*—
De Lacy-Mulhall, Patrick.
De Lacy-Mulhall, Patrick, deceased, by K. De Lacy-Mulhall, administratrix, Los Angeles, Calif. System for irrigation. 2,393,091; Jan. 15.
De La Mater, Robert G., assignor to The Parkersburg Rig & Reel Company, Parkersburg, W. Va. Walking beam structure. 2,408,200; Sept. 24.
Delamere Company, Inc., assignee: *See*—
David, Raymond C.
Huppert, William.
Delamere, Rudolf D., Toronto, Ontario, Canada. Displacement apparatus. 2,410,341; Oct. 29.
De Lancey, Warren H., Springfield, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Fluid supply apparatus for burners. 2,409,477; Oct. 15.
De Lancey, Warren H., Springfield, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Fluid meter. 2,413,034; Dec. 24.
De Lancey, Warren H., Springfield, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Fluid supply apparatus for burners. 2,413,035; Dec. 24.
De Lancey, Warren H., Springfield, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Fluid dispensing apparatus. 2,413,036; Dec. 24.
De Laney, Wallace W., and C. J. Crowley, assignors, by mesne assignments, to The Seamless Rubber Company, New Haven, Conn. Rubber glove and like article. 2,393,298; Jan. 22.
Delano, William R. P., Syosset, assignor to Gallowhur Chemical Corporation, New York, N. Y. Collapsible distillation apparatus. 2,398,291; Apr. 9.
Delano, William R. P., Syosset, assignor to Gallowhur Chemical Corporation, New York, N. Y. Solar distilling apparatus. 2,398,292; Apr. 9.
Delano, William R. P., Syosset, assignor to Gallowhur Chemical Corporation, New York, N. Y. Process and apparatus for distilling liquids. 2,402,737; June 25.
Delano, William R. P., Syosset, assignor to Gallowhur Chemical Corporation, New York, N. Y. Apparatus for solar distillation. 2,405,877; Aug. 13.
Delano, William R. P., Syosset, assignor to Gallowhur Chemical Corporation, New York, N. Y. Solar still with nonfogging window. 2,413,101; Dec. 24.
Delano, William R. P., Syosset, N. Y., and W. E. Meissner, Newark, N. J., assignors to Gallowhur Chemical Corporation, New York, N. Y. Solar distillation apparatus. 2,405,118; Aug. 6.

De la Roza, Joaquin J., Sr., New York, N. Y. Piston seal. 2,392,123; Jan. 1.
De la Roza, Joaquin J., Sr., New York, N. Y. Self-cleaning piston. 2,398,135; Apr. 9.
De la Roza, Joaquin J., Sr., New York, N. Y. Rotating valve. 2,399,472; Apr. 30.
De La Roza, Joaquin J., Sr., New York, N. Y. Digester unit. 2,410,964; Nov. 12.
De Lathauwer, Rene J., Hawthorne, N. J. Manufacture of worsted roving. 2,410,020; Oct. 29.
De Laurentis, Peter F., and F. Kerber, New York, N. Y. Adjustable support. 2,398,413; Apr. 16.
De Laval Separator Company, The, assignee: *See*— Strezynski, George J.
Delaware Engineering Corporation, assignee: *See*— Moore, William E.
Del Bagno, Ignazio, assignor of fifty per cent to M. Del Bagno, Belleville, N. J. Wire hook. 2,411,318; Nov. 19.
Del Bagno, Mary, assignee: *See*— Del Bagno, Ignazio.
Del Camp, Scipione M., Maywood, assignor to Cinch Manufacturing Corporation, Chicago, Ill. Shielded tube mounting. 2,398,626; Apr. 16.
Del Castillo y Español, Eugenio D., Buenos Aires, Argentina. Dam structure. 2,407,952; Sept. 17.
Delcau, Joseph G., Baltimore, Md., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. High voltage electrostatic generator. 2,398,581; Apr. 16.
Delegard, Carl J., assignor to Joanna Textile Mills Company, Chicago, Ill. Venetian blind. 2,394,847; Feb. 12.
Delegard, Carl J., Chicago, and R. Kreutz, River Grove, Ill. Apparatus for decorticating fibers. 2,412,445; Dec. 10.
De Lery, George V., New York, N. Y. Pocket reading glass. 2,410,272; Oct. 29.
Delgado, Jose F., Sanger, Calif. Pruning shears. 2,406,670; Aug. 27.
Del Giudice, Victor J., assignor to L. A. Young Spring & Wire Corporation, Detroit, Mich. Manufacturing metal clips or links. 2,413,548; Dec. 31.
De Lia, Ernest: *See*— Jones, Wilbur L., and De Lia.
De Lisle, Harold L., deceased, Sheboygan, Wis., by W. H. Murphy executor, Chicago, Ill. Adjustable drafting stand. 2,404,949; July 30.
Deliso, John, Worcester, Mass. Rotary broach. 2,407,921; Sept. 17.
Dell, Edward F., Chicago, Ill., assignor to Davidson Manufacturing Corporation. Printing press. 2,412,132; Dec. 3.
Dellinger Manufacturing Company, assignee: *See*— Sensenig, Miles L.
Del Llano, Jose S., assignor of one-fourth to R. M. Ferrer, Habana, Cuba. Closure device for rendering bottles nonrefillable. 2,407,063; Sept. 3.
Delman, Herman B., assignee: *See*— Sutcliffe, Harry L.
Del Mar, Bruce E., Los Angeles, assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Regulating pressure cabins. 2,407,257; Sept. 10.
Del Mar, Bruce E., Los Angeles, assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Control for pressure cabins. 2,407,258; Sept. 10.
Del Mar, Bruce E., West Los Angeles, assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Cabin pressure control valve. 2,407,540; Sept. 10.
Del Monte, Michael: *See*— Knehithau, Hugo L., Vokac, and Del Monte.
De Long, George H., and B. Dreisbach, Allentown, Pa. Pump form. 2,410,153; Oct. 29.
De Long, George H., and B. Dreisbach, Allentown, Pa. Shoe conditioner. 2,410,154; Oct. 29.
Deloraine, Edmond M., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Multiplex telephone system. 2,395,467; Feb. 26.
Deloraine, Edmond M., assignor to International Standard Electric Corporation, New York, N. Y. Electric wave communication system. 2,412,974; Dec. 24.
Deloraine, Edmond M., New York, H. G. Busignies, Forest Hills, and L. A. de Rosa, Staten Island, N. Y., assignors to Federal Telephone and Radio Corporation, Newark, N. J. Facsimile system. 2,406,811; Sept. 3.
Deloraine, Edmond M., New York, H. G. Busignies, Forest Hills, and L. A. de Rosa, Staten Island, N. Y., assignors to Federal Telephone and Radio Corporation, Newark, N. J. Facsimile system and method. 2,406,812; Sept. 3.
Deloraine, Edmond M., and E. Labin, New York, N. Y., assignors to Federal Telephone and Radio Corporation. Radio direction method and system. 2,408,048; Sept. 24.
Delta Manufacturing Company, The, assignee: *See*— Wiken, Christy A., and Boehnke. Wiken, Christy A., and Reibig.
Delta-Star Electric Company, assignee: *See*— Polgov, Nicholas G.
Del Tufo, Nicholas A., Bloomfield, N. J. Paneling structure. 2,395,726; Feb. 26.
Delucchi, Anthony W., assignor of one-half to H. A. Stagnaro, Stockton, Calif. Drive-in serving system. 2,405,294; Aug. 6.
De Mario, Joseph, Pennsauken, N. J. Multiple pencil. Re. 22,757; May 21.
Demartini, Robert J.: *See*— Miller, Charles E., and Demartini.
Demartini, Robert J., Schenectady, and H. H. Leigh, Scotia, N. Y., assignors to General Electric Company. Control apparatus for testing machines. 2,411,451; Nov. 19.
Demb, Kenneth, Salem, and M. L. Hayes, Beverly, assignors to Sylvania Electric Products Inc., Salem, Mass. Method and apparatus for coating fluorescent lamps. 2,413,437; Dec. 31.
De Mers, Edward F.: *See*— Henderson, Kenneth L., and De Mers.
De Michel, Frank, assignor of twenty-five per cent to W. J. Jacobsen, twelve and one-half per cent to R. F. Barsotti, and twelve and one-half per cent to V. J. Barsotti, Chicago, Ill. Support for abrasive disks. 2,410,812; Nov. 12.
Deming Company, The, assignee: *See*— Mueller, Alexander V.
Deming, George M., Orange, N. J., assignor to Air Reduction Company, Incorporated. Pressure regulator and composite gauge therefor. 2,394,987; Feb. 19.
Deming, George M., Orange, N. J., assignor to Air Reduction Company, Incorporated. Aircraft breathing regulator. 2,403,508; July 9.
Deming, Joseph H., Houston, Tex., assignor to Texaco Development Corporation, New York, N. Y. Method and apparatus for locating objects. 2,401,723; June 11.
De Moss, Alvy, Akron, Ohio. Rail drilling jig. 2,394,988; Feb. 19.
De Mott, Armand, Fords, N. J. Lawn sprinkler. 2,410,930; Nov. 12.
Dempsey, Frank J.: *See*— Ryan, Commodore D., Dempsey, Straub, and Tyler.
Dempsey, Oscar E., Tulsa, Okla. Flowing wells. 2,396,162; Mar. 5.
Dempsey, Walter E., Moose Jaw, Saskatchewan, Canada. Grain cleaner. 2,407,653; Sept. 17.
Dempster, Alexander: *See*— Lederer, Karl M., and Dempster.
Dempster, George R., Knoxville, Tenn. Automatic hook. 2,404,830; July 30.
De Muth, Francis L., Mitchel Field, N. Y. Direction finding procedure. 2,391,883; Jan. 1.
Denault, Clinton L., Sharon, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Arc welding system. 2,399,331; Apr. 30.
Dence, Donald S.: *See*— Lapsley, Robert, and Dence.
Dence, Donald S., Berrien Springs, assignor to Clark Equipment Company, Buchanan, Mich. Transmission. 2,412,208; Dec. 10.
De Niederhäusern, Georges, assignor to Durand & Huguenin A. G., Basel, Switzerland. Producing fast dyeings on artificial fibers with dyestuffs of the gallocyanine class. 2,411,249; Nov. 19.
Denison Engineering Company, The, assignee: *See*— Biasutta, Victor V. Wright, Fred J.
Denison, George H., Jr., and P. C. Condit, Berkeley, assignors, by mesne assignments, to California Research Corporation, San Francisco, Calif. Compounded lubricating oil. 2,394,536; Feb. 12.
Denison, George H., Jr., and P. C. Condit, Berkeley, assignors, by mesne assignments, to California Research Corporation, San Francisco, Calif. Organic selenium and tellurium compounds. 2,398,414; Apr. 16.
Denison, George H., Jr., and P. C. Condit, Berkeley, assignors, by mesne assignments, to California Research Corporation, San Francisco, Calif. Mineral oil composition and the like. 2,398,415; Apr. 16.
Denison, George H., Jr., and P. C. Condit, Berkeley, assignors, by mesne assignments, to California Research Corporation, San Francisco, Calif. Compounded oil. 2,398,416; Apr. 16.
Denison, George H., Jr., Oakland, and P. C. Condit, Berkeley, assignors to California Research Corporation, San Francisco, Calif. Compounded oil. 2,400,106; May 14.
Denison, Noel M., assignor to C. Earl Hovey, trustee, Kansas City, Mo. Vending machine door. 2,411,713; Nov. 26.
Denman, Wayne L., Berwyn, assignor to Dearborn Chemical Company, Chicago, Ill. Treating waters, including boiler waters, and composition therefor. 2,400,543; May 21.
Denneen, Francis S., Cleveland, and W. C. Dunn, Shaker Heights, assignors to The Ohio Crankshaft Company, Cleveland, Ohio. Heat-treating of gear teeth. 2,398,085; Apr. 9.
Denning, Thomas J., Hudson, Colo. Manure loader. 2,393,299; Jan. 22.
Dennis, Clement O., assignee: *See*— Napier, James W.
Dennis, Luther D., Comanche, Okla., assignor, by mesne assignments, to Portable Elevator Mfg. Co., Bloomington, Ill. Bottle dispensing apparatus. 2,408,380; Oct. 1.
Dennis, Samuel L., Raleigh, N. C. Combined playpen and playhouse. 2,402,876; June 25.
Dennis, Wolcott, Darien, Conn., assignor to Air Reduction Company, Incorporated, New York, N. Y. Method and apparatus for obtaining purified liquid oxygen. 2,406,003; Aug. 20.

Dennis, Wolcott, Darien, Conn., assignor to Air Reduction Company, Incorporated, New York, N. Y. Separation of the constituents of gaseous mixtures. 2,411,680; Nov. 26.
Dennison Engineering Company, The, assignee: *See*— Wright, Fred J.
Dennison Manufacturing Company, assignee: *See*— Flood, Carl A. Hastings, Dana B.
Denniston, Adolph L., Plainfield, N. J., and S. H. Martin, Thomaston, Conn., assignors to General Time Instruments Corporation, New York, N. Y. Lock disk for timing systems. 2,405,818; Aug. 13.
Den Ouden, Frits J. W., Melbourne, Victoria, Australia. Gunfire synchronizing control. 2,403,641; July 9.
Dent, Frederick R., Jr., Fairfield, Ohio. Antiflutter and vibration device for fan and propeller blades. 2,397,132; Mar. 26.
Dent, William U., Pasadena, Md., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Remote-control system. 2,397,539; Apr. 2.
Dental Research Corporation, assignee: *See*— Day, Joseph G. Erdle, Reiner W.
Dentists' Supply Company, The, assignee: *See*— Saffir, Jacob A.
Dentists' Supply Company of New York, The, assignee: *See*— Lee, Pyungtoo W. Saffir, Jacob A.
Denton, John J.: *See*— Lecher, Hans Z., Parker, and Denton. Parker, Robert P., and Denton.
Denton, John S., Jackson, Mich. Form file. 2,396,644; Mar. 19.
Denton, Joseph A., Portland, Oreg., assignor to The Filer & Stowell Co., Milwaukee, Wis. Combination anvil and magnetic clamp. 2,393,300; Jan. 22.
Denton, William I., Woodbury, and C. H. Schlesman, Camden, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Production of styrene. 2,392,466; Jan. 8.
Denton, William M., Nicholls, Ga. Child's hobby horse. 2,400,396; May 14.
Dentone, Leo A.: *See*— Girvin, Murray D., and Dentone.
Denys, Orban, Brooklyn, assignor to Distillation Products, Inc., Rochester, N. Y. Molecular centrifugal process and apparatus. 2,392,124; Jan. 1.
Denyssen, Ivanhoe P., Lansdowne, Pa., assignor to American Viscose Corporation, Wilmington, Del. Method and apparatus for detecting irregularities of filaments, yarns, and the like. 2,413,486; Dec. 31.
Denyven, Howard G., Cincinnati, A. E. Hess, Silverton, and E. R. Hess, Deer Park, Ohio, assignors to Ditto, Incorporated, Chicago, Ill. Sheet assembly device. 2,392,031; Jan. 1.
De Orlow, Stephen, assignor to Hancock Manufacturing Company, Jackson, Mich. Latch mechanism. 2,391,884; Jan. 1.
De Pew, Chester C., assignor to Fairchild Engine and Airplane Corporation, Farmingdale, N. Y. Speed-change mechanism. 2,402,951; July 2.
Depp, Marlin C., Hempstead, and C. F. Fragola, Brooklyn, N. Y., assignors to Sperry Gyroscope Company, Inc. Flux valve. 2,403,347; July 2.
Depp, Wallace A., Elmhurst, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,392,367; Jan. 8.
Derderian, Charles M., Richmond, Va. Clothes hanger. 2,408,201; Sept. 24.
De Reamer, Frank C., Bridgeport, Conn., assignor to General Electric Company. Lighting system for tubular lamps and holder for use therein. 2,401,555; June 4.
De Reamer, Frank C., Bridgeport, and J. M. Pistey, Fairfield, Conn., assignors to General Electric Company. Tubular lamp and holder therefor. 2,393,616; Jan. 29.
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Dermers, Telesphore C., Lebanon, N. H. Page turning device for invalids. 2,411,084; Nov. 12.
De Rome, Raphael A., Twin Lakes, Wis. Dentist's bite detector. 2,411,194; Nov. 19.
De Rosa, Louis A.: *See*— Deloraine, Edmond M., Busignies, and de Rosa.
De Rosa, Louis A., West Brighton, Staten Island, N. Y., assignor to Federal Telephone and Radio Corporation, Newark, N. J. Intelligence transmission system. 2,406,813; Sept. 3.
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De Rosa, Louis A., West Brighton, Staten Island, assignor to Federal Telephone and Radio Corporation, New York, N. Y. Visually reproducing signals. 2,408,050; Sept. 24.
De Rosa, Louis A., assignor to The National Cash Register Company, Dayton, Ohio. Electronic accumulator. 2,411,714; Nov. 26.
De Rose, John P., Albany, Calif. Seat support. 2,407,771; Sept. 17.
Derr, Willard A.: *See*— Reagan, Maurice E., and Derr. Sateren, Martin G., and Derr.
Derr, Willard A., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control system. 2,393,025; Jan. 15.
Derr, Willard A., Wilkinsburg, and R. C. Cheek, Pittsburgh, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control system. 2,394,044; Feb. 5.
Derr, Willard A., Wilkinsburg, and R. C. Cheek, East Liberty, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control system. 2,394,045; Feb. 5.
Derr, Willard A., and M. E. Reagan, Wilkinsburg, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control system. 2,409,840; Oct. 22.
D'Errico, John, Brooklyn, N. Y. Amusement ride. 2,399,332; Apr. 30.
Dersch, Fritz, Binghamton, and N. Heimbach, Johnson City, assignors to General Aniline & Film Corporation, New York, N. Y. Photographic developing process. 2,404,774; July 30.
Derungs, Ernest A., Le Locle, Switzerland. Coupling device. 2,400,633; May 21.
Derungs, Ernest A., Le Locle, Switzerland. Electromagnet. 2,407,603; Sept. 10.
Derungs, Ernest A., and O. Chatelain, Le Locle, Switzerland. Escapement adjusting device. 2,408,612; Oct. 1.
De Ryder, Herbert, Bloomfield, N. J., assignor to Radio Corporation of America. Cathode-ray tube system. 2,411,030; Nov. 12.
De Salardi, Albert B.: *See*— Nelson, Claude A., Good, and De Salardi.
De Sanno, Albert P., Jr., assignee: *See*— Hite, Charles E.
Desch, Joseph R., assignor to The National Cash Register Company, Dayton, Ohio. Electronic device and control means therefor. 2,403,852; July 9.
Desch, Joseph R., Oakwood, and R. E. Mumma, assignors to The National Cash Register Company, Dayton, Ohio. Electronic device. 2,399,473; Apr. 30.
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Deserno, Peter, Berlin, Germany; vested in the Alien Property Custodian. Television receiver. 2,407,654; Sept. 17.
De Shazo, Nora L., assignee: *See*— De Shazo, Orville V.
De Shazo, Orville V., assignor of fifty percent to N. L. De Shazo, Wichita, Kans. Machine for extracting lead from its ores. 2,392,526; Jan. 8.
De Shields, O'Connell H., Philadelphia, Pa. Flexible joint. 2,391,885; Jan. 1.
Designers for Industry, Inc., assignee: *See*— Lee, Asa R.
Desimone, Anthony J.: *See*— Baldanza, Nicholas T., and Desimone.
Desimone, Anthony J., Lyndhurst, and J. Mazza, Rutherford, assignors to Columbia Protektosite Company, Inc., Carlstadt, N. J. Goggle. 2,399,991; May 7.
Desmet, John P., Modesto, Calif. Blood treating device. 2,406,207; Aug. 20.
Desmond, Virginia D., Wrentham, Mass., assignor to Pilgrim Plastics, Inc. Toy. 2,399,333; Apr. 30.
De Spain, Augustus L., assignor to White River Lumber Company, Enumclaw, Wash. Bundle trimmer mechanism. 2,393,617; Jan. 29.
Des Roches, Hilton H., Butte, Mont., assignor of one-half to C. Frassett, San Francisco, Calif. Toilet protective device. 2,404,124; July 16.
Desrosiers, Lionel, Lachute Mills, Quebec, Canada, assignor to Davis & Furber Machine Company, North Andover, Mass. Tape condenser. 2,399,007; Apr. 23.
Dessaur, Murray, assignee, et al.: *See*— Dessaur, Murray.
Dessaur, Murray, Bronx, N. Y., assignor to M. Dessaur and R. D. Gale. Pad holding and feeding device. 2,407,404; Sept. 10.
De Stefano B, Antonio, El Paso, Tex. Shoe cleat. 2,413,177; Dec. 24.
De Tar, Donald R., Stratford, Conn., assignor to General Electric Company. Ultra high frequency switch. 2,413,298; Dec. 31.
De Traglia, Frank A., Utica, N. Y. Water system for paper wrapping machines. 2,392,583; Jan. 8.
Detrick, Judson N., Oak Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Dielectric material. 2,394,670; Feb. 12.
Detrick, M. H., Company, assignee: *See*— Crncich, Tony. Hosbein, Louis H.
Detrick, Stanley R.: *See*— Lang, Joseph W., and Detrick.
Detrick, Stanley R., Wilmington, Del., and L. A. Hamilton, Pitman, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of sulphon chlorides. 2,392,841; Jan. 15.

De la Roza, Joaquin J., Sr., New York, N. Y. Piston seal. 2,392,123; Jan. 1.

De la Roza, Joaquin J., Sr., New York, N. Y. Self-cleaning piston. 2,398,135; Apr. 9.

De la Roza, Joaquin J., Sr., New York, N. Y. Rotating valve. 2,399,472; Apr. 30.

De La Roza, Joaquin J., Sr., New York, N. Y. Digester unit. 2,410,964; Nov. 12.

De Lathauwer, Rene J., Hawthorne, N. J. Manufacture of worsted roving. 2,410,020; Oct. 29.

De Laurentis, Peter F., and F. Kerber, New York, N. Y. Adjustable support. 2,398,413; Apr. 16.

De Laval Separator Company, The, assignee: *See*— Strezynski, George J.

Delaware Engineering Corporation, assignee: *See*— Moore, William E.

Del Bagno, Ignazio, assignor of fifty per cent to M. Del Bagno, Belleville, N. J. Wire hook. 2,411,318; Nov. 19.

Del Bagno, Mary, assignee: *See*— Del Bagno, Ignazio.

Del Camp, Scipione M., Maywood, assignor to Cinch Manufacturing Corporation, Chicago, Ill. Shielded tube mounting. 2,398,626; Apr. 16.

Del Castillo y Español, Eugenio D., Buenos Aires, Argentina. Dam structure. 2,407,952; Sept. 17.

Delcau, Joseph G., Baltimore, Md., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. High voltage electrostatic generator. 2,398,581; Apr. 16.

Delegard, Carl J., assignor to Joanna Textile Mills Company, Chicago, Ill. Venetian blind. 2,394,847; Feb. 12.

Delegard, Carl J., Chicago, and R. Kreutz, River Grove, Ill. Apparatus for decorticating fibers. 2,412,445; Dec. 10.

De Lery, George V., New York, N. Y. Pocket reading glass. 2,410,272; Oct. 29.

Delgado, Jose F., Sanger, Calif. Pruning shears. 2,406,670; Aug. 27.

Del Giudice, Victor J., assignor to L. A. Young Spring & Wire Corporation, Detroit, Mich. Manufacturing metal clips or links. 2,413,548; Dec. 31.

De Lia, Ernest: *See*— Jones, Wilbur L., and De Lia.

De Lisle, Harold L., deceased, Sheboygan, Wis., by W. H. Murphy executor, Chicago, Ill. Adjustable drafting stand. 2,404,949; July 30.

Deliso, John, Worcester, Mass. Rotary broach. 2,407,921; Sept. 17.

Dell, Edward F., Chicago, Ill., assignor to Davidson Manufacturing Corporation. Printing press. 2,412,132; Dec. 3.

Dellinger Manufacturing Company, assignee: *See*— Sensenig, Miles L.

Del Llano, Jose S., assignor of one-fourth to R. M. Ferrer, Habana, Cuba. Closure device for rendering bottles nonrefiliable. 2,407,063; Sept. 3.

Delman, Herman B., assignee: *See*— Sutcliffe, Harry L.

Del Mar, Bruce E., Los Angeles, assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Regulating pressure cabins. 2,407,257; Sept. 10.

Del Mar, Bruce E., Los Angeles, assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Control for pressure cabins. 2,407,258; Sept. 10.

Del Mar, Bruce E., West Los Angeles, assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Cabin pressure control valve. 2,407,540; Sept. 10.

Del Monte, Michael: *See*— Kuehlthau, Hugo L., Vokac, and Del Monte.

De Long, George H., and B. Dreisbach, Allentown, Pa. Pump form. 2,410,153; Oct. 29.

De Long, George H., and B. Dreisbach, Allentown, Pa. Shoe conditioner. 2,410,154; Oct. 29.

Deloraine, Edmond M., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Multiplex telephone system. 2,395,467; Feb. 26.

Deloraine, Edmond M., assignor to International Standard Electric Corporation, New York, N. Y. Electric wave communication system. 2,412,974; Dec. 24.

Deloraine, Edmond M., New York, H. G. Busignies, Forest Hills, and L. A. de Rosa, Staten Island, N. Y., assignors to Federal Telephone and Radio Corporation, Newark, N. J. Facsimile system. 2,406,811; Sept. 3.

Deloraine, Edmond M., New York, H. G. Busignies, Forest Hills, and L. A. de Rosa, Staten Island, N. Y., assignors to Federal Telephone and Radio Corporation, Newark, N. J. Facsimile system and method. 2,406,812; Sept. 3.

Deloraine, Edmond M., and E. Labin, New York, N. Y., assignors to Federal Telephone and Radio Corporation. Radio direction method and system. 2,408,048; Sept. 24.

Delta Manufacturing Company, The, assignee: *See*— Wiken, Christy A., and Boehnke. Wiken, Christy A., and Relbig.

Delta-Star Electric Company, assignee: *See*— Polgov, Nicholas G.

Del Tufo, Nicholas A., Bloomfield, N. J. Paneling structure. 2,395,726; Feb. 26.

Delucchi, Anthony W., assignor of one-half to H. A. Stagnaro, Stockton, Calif. Drive-in serving system. 2,405,294; Aug. 6.

De Mario, Joseph, Pennsauken, N. J. Multiple pencil. Re. 22,757; May 21.

Demartini, Robert J.: *See*— Miller, Charles E., and Demartini.

Demartini, Robert J., Schenectady, and H. H. Leigh, Scotia, N. Y., assignors to General Electric Company. Control apparatus for testing machines. 2,411,451; Nov. 19.

Demb, Kenneth, Salem, and M. L. Hayes, Beverly, assignors to Sylvania Electric Products Inc., Salem, Mass. Method and apparatus for coating fluorescent lamps. 2,413,437; Dec. 31.

De Mers, Edward F.: *See*— Henderson, Kenneth L., and De Mers.

De Michel, Frank, assignor of twenty-five per cent to W. J. Jacobsen, twelve and one-half per cent to R. F. Barsotti, and twelve and one-half per cent to V. J. Barsotti, Chicago, Ill. Support for abrasive disks. 2,410,812; Nov. 12.

Deming Company, The, assignee: *See*— Mueller, Alexander V.

Deming, George M., Orange, N. J., assignor to Air Reduction Company, Incorporated. Pressure regulator and composite gauge therefor. 2,394,987; Feb. 19.

Deming, George M., Orange, N. J., assignor to Air Reduction Company, Incorporated. Aircraft breathing regulator. 2,403,508; July 9.

Deming, Joseph H., Houston, Tex., assignor to Texaco Development Corporation, New York, N. Y. Method and apparatus for locating objects. 2,401,723; June 11.

De Moss, Alvy, Akron, Ohio. Rail drilling jig. 2,394,988; Feb. 19.

De Mott, Armand, Fords, N. J. Lawn sprinkler. 2,410,930; Nov. 12.

Dempsey, Frank J.: *See*— Ryan, Commodore D., Dempsey, Straub, and Tyler.

Dempsey, Oscar E., Tulsa, Okla. Flowing wells. 2,396,162; Mar. 5.

Dempsey, Walter E., Moose Jaw, Saskatchewan, Canada. Grain cleaner. 2,407,653; Sept. 17.

Dempster, Alexander: *See*— Lederer, Karl M., and Dempster.

Dempster, George R., Knoxville, Tenn. Automatic hook. 2,404,830; July 30.

De Muth, Francis L., Mitchel Field, N. Y. Direction finding procedure. 2,391,883; Jan. 1.

Denault, Clinton L., Sharon, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Arc welding system. 2,399,331; Apr. 30.

Dence, Donald S.: *See*— Lapsley, Robert, and Dence.

Dence, Donald S., Berrien Springs, assignor to Clark Equipment Company, Buchanan, Mich. Transmission. 2,412,208; Dec. 10.

De Niederhäusern, Georges, assignor to Durand & Huguenin A. G., Basel, Switzerland. Producing fast dyeings on artificial fibers with dyestuffs of the gallocyanine class. 2,411,249; Nov. 19.

Denison Engineering Company, The, assignee: *See*— Blasutta, Victor V. Wright, Fred J.

Denison, George H., Jr., and P. C. Condit, Berkeley, assignors, by mesne assignments, to California Research Corporation, San Francisco, Calif. Compounded lubricating oil. 2,394,536; Feb. 12.

Denison, George H., Jr., and P. C. Condit, Berkeley, assignors, by mesne assignments, to California Research Corporation, San Francisco, Calif. Organic selenium and tellurium compounds. 2,398,414; Apr. 16.

Denison, George H., Jr., and P. C. Condit, Berkeley, assignors, by mesne assignments, to California Research Corporation, San Francisco, Calif. Mineral oil composition and the like. 2,398,415; Apr. 16.

Denison, George H., Jr., and P. C. Condit, Berkeley, assignors, by mesne assignments, to California Research Corporation, San Francisco, Calif. Compounded oil. 2,398,416; Apr. 16.

Denison, George H., Jr., Oakland, and P. C. Condit, Berkeley, assignors to California Research Corporation, San Francisco, Calif. Compounded oil. 2,400,106; May 14.

Denison, Noel M., assignor to C. Earl Hovey, trustee, Kansas City, Mo. Vending machine door. 2,411,713; Nov. 26.

Denman, Wayne L., Berwyn, assignor to Dearborn Chemical Company, Chicago, Ill. Treating waters, including boiler waters, and composition therefor. 2,400,543; May 21.

Denneen, Francis S., Cleveland, and W. C. Dunn, Shaker Heights, assignors to The Ohio Crankshaft Company, Cleveland, Ohio. Heat-treating of gear teeth. 2,398,085; Apr. 9.

Denning, Thomas J., Hudson, Colo. Manure loader. 2,393,299; Jan. 22.

Dennis, Clement O., assignee: *See*— Napier, James W.

Dennis, Luther D., Comanche, Okla., assignor, by mesne assignments, to Portable Elevator Mfg. Co., Bloomington, Ill. Bottle dispensing apparatus. 2,408,380; Oct. 1.

Dennis, Samuel L., Raleigh, N. C. Combined playpen and playhouse. 2,402,876; June 25.

Dennis, Wolcott, Darien, Conn., assignor to Air Reduction Company, Incorporated, New York, N. Y. Method and apparatus for obtaining purified liquid oxygen. 2,406,003; Aug. 20.

Dennis, Wolcott, Darien, Conn., assignor to Air Reduction Company, Incorporated, New York, N. Y. Separation of the constituents of gaseous mixtures. 2,411,680; Nov. 26.

Dennison Engineering Company, The, assignee: *See*— Wright, Fred J.

Dennison Manufacturing Company, assignee: *See*— Flood, Carl A. Hastings, Dana B.

Denniston, Adolph L., Plainfield, N. J., and S. H. Martin, Thomaston, Conn., assignors to General Time Instruments Corporation, New York, N. Y. Lock disk for timing systems. 2,405,818; Aug. 13.

Den Ouden, Frits J. W., Melbourne, Victoria, Australia. Gunfire synchronizing control. 2,403,641; July 9.

Dent, Frederick R., Jr., Fairfield, Ohio. Antiflutter and vibration device for fan and propeller blades. 2,397,132; Mar. 26.

Dent, William U., Pasadena, Md., assignor to Westinghouse Electric Corporation. East Pittsburgh, Pa. Remote-control system. 2,397,539; Apr. 2.

Dental Research Corporation, assignee: *See*— Day, Joseph G. Erdle, Reiner W.

Dentists' Supply Company, The, assignee: *See*— Saffir, Jacob A.

Dentists' Supply Company of New York, The, assignee: *See*— Lee, Pyungtoo W. Saffir, Jacob A.

Denton, John J.: *See*— Lecher, Hans Z., Parker, and Denton. Parker, Robert P., and Denton.

Denton, John S., Jackson, Mich. Form file. 2,396,644; Mar. 19.

Denton, Joseph A., Portland, Oreg., assignor to The Filer & Stowell Co., Milwaukee, Wis. Combination anvil and magnetic clamp. 2,393,300; Jan. 22.

Denton, William I., Woodbury, and C. H. Schlesman, Camden, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Production of styrene. 2,392,466; Jan. 8.

Denton, William M., Nicholls, Ga. Child's hobby horse. 2,400,396; May 14.

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Detroit Broach Company, assignee: *See*—
Kaplan, Leo I., and von Reis.
Detroit Gasket & Mfg. Company, assignee: *See*—
Balfe, George T.
Detroit Harvester Company, assignee: *See*—
Kost, Harold W.
Detroit Hydrostatic Brake Corporation, assignee: *See*—
Sauzedde, Claude.
Detroit Lubricator Company, assignee: *See*—
Carter, Franklyn Y.
Dillman, Earnest J.
Landon, Walter S.
Russel, Philip S.
Weber, Walter H.
Detroit Research Laboratories, Inc., assignee: *See*—
Archer, Hugh M.
Detroit Steel Products Company, assignee: *See*—
Kelly, Clyde W.
Detroit Tap & Tool Company, assignee: *See*—
Hellstrom, Sven B.
Dettman, Harold V., Riverside, Ill. Die machine for progressive sheet metal forming. 2,405,738; Aug. 13.
Deubner, George O., Lafayette, Calif. Power-driven rotary garden cultivator. 2,410,273; Oct. 29.
Deurmyer, Richard H., Eugene, and C. G. Yocum, Cheshire, Oreg. Saw filing gauge. 2,407,736; Sept. 17.
De Vaney, Fred D., assignor to Erie Mining Company, Hibbing, Minn. Flotation process. 2,410,021; Oct. 29.
Devaney, Lawrence W.: *See*—
Veltman, Preston L., and Devaney.
Dever, Otto E., Burbank, Calif. Electric motor driven landing wheel for airplanes. 2,391,952; Jan. 1.
Deverall, Charles N., Buffalo, assignor to Niagara Blower Company, New York, N. Y. Steam heating apparatus. 2,402,610; June 25.
De Verter, Paul L., Baytown, Tex., assignor to Standard Oil Development Company. Motor fuels. 2,409,171; Oct. 8.
De Vilbiss Company, The, assignee: *See*—
Clark, Albert R., Buck and De Vries.
Eastman, Ivan L.
Roselund, Harold A.
Schmitt, Joy B., and Attinger.
De Villard, Jean F., assignor, by mesne assignments, to C. W. Stiefel, Jr., Chicago, Ill. Bottle carrier. 2,411,195; Nov. 19.
Devine, J. E., assignee, et al.: *See*—
Ellis, Clarence M.
Devine, James H., and W. T. Halvorsen, Chicago, Ill. Receptacle and cover therefor. 2,412,325; Dec. 10.
Devirian, Philip S.: *See*—
Hait, James M., and Devirian, and Rankin.
De Vito, Felix, Brooklyn, N. Y. Shoe last. 2,397,309; Mar. 26.
De Voe, Charles F., assignor to Corning Glass Works, Corning, N. Y. Electric glass melting furnace. 2,413,037; Dec. 24.
Devoe & Raynolds Company, Inc., assignee: *See*—
Rheineck, Alfred E., and Crecelius.
Devol, George C., Jr.: *See*—
Pritchard, Edward M., Devol, Jr., and Sherman.
Devol, George C., Jr., E. M. Pritchard, and E. W. Sherman, Flushing, assignors to Prosperity Company, Inc., Syracuse, N. Y. Capacity controlled textile press. 2,395,780; Feb. 26.
Devol, Manson L., Wilkinsburg, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Glass bending. 2,395,727; Feb. 26.
De Vore, Weber: *See*—
Green, Samuel G., D'Ardenne, Meinel, and De Vore.
Devos, Desiré C. F., Birdingbury, assignor to Courtaulds Limited, London, England. Treatment of thread with liquids. 2,395,256; Feb. 19.
De Vries, Ralph P.: *See*—
Clark, Albert R., Buck and De Vries.
Touceda, Enrique G., and De Vries.
Dew, Arthur W., Jackson, Mich. Game register. 2,405,690; Aug. 13.
De Waern, Bror A., Riksby, Sweden. Internal-combustion engine. 2,406,491; Aug. 27.
De Walt, Kenneth C., Schenectady, N. Y., assignor to General Electric Company. Ultra high frequency system. 2,412,446; Dec. 10.
Dewan, Leon, Arverne, N. Y. Supercharger. 2,407,630; Sept. 17.
Dewberry, Willie R., administratrix: *See*—
Barry, William R.
De Weese, Joseph C.: *See*—
Gray, Reid B., and De Weese.
De Westfelt, Gerard, New York, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Servo system. 2,411,871; Dec. 3.
Dewey and Almy Chemical Company, assignee: *See*—
Isom, Langley W., and Habib.
Jalbert, Domina C.
Dewey, Clarence L., Elkhart, Ind. Metallic furniture. 2,393,757; Jan. 29.
Dewey, Clarence L., Elkhart, assignor to Bendix Aviation Corporation, South Bend, Ind. Gas burner assembly. 2,400,397; May 14.
Dewey, Clarence L., Elkhart, assignor to Bendix Aviation Corporation, South Bend, Ind. Tube reducing machine. 2,410,052; Oct. 29.
Dewey, David B., Pasadena, assignor to The Fluor Corporation, Ltd., Los Angeles, Calif. Vibration-responsive control for cooling tower fans. 2,395,995; Mar. 5.
Dewey, Frederick L., Canton, Ill., assignor to International Harvester Company. Agricultural implement. 2,407,064; Sept. 3.
Dewey, Ritchie P., assignor to Barber-Coleman Company, Rockford, Ill. Control instrument. 2,402,151; June 18.
Dewhurst, Wallace W., Haddon Heights, N. J., assignor to Radio Corporation of America. Signaling apparatus. 2,397,844; Apr. 2.
De Wilde, Albert N., assignor to Penn Electric Switch Co., Goshen, Ind. Gun firing solenoid. 2,411,778; Nov. 26.
De Witt, Thomas W., Florence, Ala., assignor to Tennessee Valley Authority. Making red phosphorus. 2,397,951; Apr. 9.
De Witt, William J., and H. A. Corbett, assignors to Shoe Form Co. Inc., Auburn, N. Y. Fishhook making machine. 2,406,456; Aug. 27.
Dexter Folder Company, assignee: *See*—
Perry, John R.
Dexter, Gregory M., Scarsdale, N. Y., assignor, by mesne assignments, to United States Sugar Corporation, Clewiston, Fla. Root conveying and washing apparatus. 2,393,596; Jan. 29.
Dexter, Roger W., and P. L. Loewe, Chicago, Ill. Piston. 2,407,631; Sept. 17.
Dextone Company, The, assignee: *See*—
Falco, Louis A.
De Young, Martin, assignor to Gallmeyer & Livingston Company, Grand Rapids, Mich. Grinding machine. 2,396,775; Mar. 19.
Deyrup, Alden J., Westfield, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Electrical capacitor. 2,398,176; Apr. 9.
Deyrup, Alden J., Westfield, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of fluorine-containing enamels. 2,398,494; Apr. 16.
Deyrup, Alden J., Westfield, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of optical glass. 2,411,031; Nov. 12.
Deyrup, Alden J., Westfield, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Vitreous composition. 2,413,549; Dec. 31.
De Zarate, Pedro O.: *See*—
Drabble, Dudley S. and E. J., and de Zarate.
Dhein, Leonard H., Bound Brook, N. J., assignor to American Cyanamid Company, New York, N. Y. Purification of sulphathiazole. 2,392,125; Jan. 1.
Dhonau, Herman B.: *See*—
Thumin, Carl, Prince, and Dhonau.
D'Huny, Fernand E., Scarsdale, assignor to The Western Union Telegraph Company, New York, N. Y. Secret telegraph receiving blank. 2,396,833; Mar. 19.
Dial, Earl L., Kennewick, Wash. Adjustable flashlight holder. 2,402,877; June 25.
Diamond Alkali Company, assignee: *See*—
Hirsch, Alfred.
Diamond, Arthur R., and W. Stever, Philadelphia, Pa., assignors to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Roller guide. 2,402,952; July 2.
Diamond Chain and Manufacturing Company, assignee: *See*—
Gallamore, Oliver H.
Diamond, Hyman, Berkeley, Calif., assignor to Shell Development Company, San Francisco, Calif. Cutting oil. 2,406,671; Aug. 27.
Diamond Paper and Box Co., assignee: *See*—
Stopper, Charles A.
Dibblee, Harold J., Newtown, Pa. Timing device. 2,401,747; June 11.
Dick, Robert, Mamaroneck, assignor to F. E. Wormser, secretary of Lead Industries Association, New York, N. Y. Drain fitting. 2,394,964; Feb. 12.
Dicke, Carl H., Dayton, Ohio, assignor to The Master Electric Company. Control system for furnaces. 2,393,301; Jan. 22.
Dicke, Oscar H.: *See*—
Wight, Sedgwick N., Field, and Dicke.
Dicke, Oscar H., Rochester, N. Y. Synchronous motor. 2,402,380; June 18.
Dickelman, Lizzie H., assignor to Dickelman Products Company, Forest, Ohio. Corrugated building construction. 2,406,593; Aug. 27.
Dickelman Products Company, assignee: *See*—
Dickelman, Lizzie H.
Dickerman, Hubert E., Springfield, Mass. Tool. 2,404,793; July 30.
Dickey, Frank H.: *See*—
Bergsteinsson, Ingolfur, Scheibli, and Dickey.
Rust, Frederick F., Dickey, and Bell.
Dickey, Frank H., Oakland, Calif., assignor to Shell Development Company, San Francisco, Calif. Reaction products of tertiary organic hydroperoxides with formaldehyde. 2,400,041; May 7.
Dickey, Frank H., Oakland, Calif., and E. R. Bell, Norwalk, Ohio, assignors to Shell Development Company, San Francisco, Calif. Production of organic peroxides. 2,403,709; July 9.
Dickey, Joseph B.: *See*—
Towne, Edmund B., Dickey, and Byers.

Dickey, Joseph B., and J. G. McNally, assignors to Eastman Kodak Company, Rochester, N. Y. Monoazo tetrahydroquinoline compounds. 2,391,886; Jan. 1.
Dickey, Joseph B., J. M. Straley, and T. E. Stanin, assignors to Eastman Kodak Company, Rochester, N. Y. Preparation of organic diisocyanates. 2,394,597; Feb. 12.
Dickey, Joseph B., and J. G. McNally, assignors to Eastman Kodak Company, Rochester, N. Y. Azo compounds. 2,397,927; Apr. 9.
Dickey, Joseph B., and J. G. McNally, assignors to Eastman Kodak Company, Rochester, N. Y. Indigoid coloring compounds. 2,397,928; Apr. 9.
Dickey, Joseph B., and J. G. McNally, assignors to Eastman Kodak Company, Rochester, N. Y. Cyclic diazo compounds. 2,402,611; June 25.
Dickey, Joseph B., and J. G. McNally, assignors to Eastman Kodak Company, Rochester, N. Y. Monoazo compounds. 2,406,004; Aug. 20.
Dickey, Joseph B., and J. G. McNally, assignors to Eastman Kodak Company, Rochester, N. Y. Anthraquinone dyestuffs. 2,411,148; Nov. 19.
Dickey, Joseph B., and J. G. McNally, assignors to Eastman Kodak Company, Rochester, N. Y. N-phosphatoarylenediamines. 2,411,527; Nov. 26.
Dickey, Joseph B., and J. G. McNally, assignors to Eastman Kodak Company, Rochester, N. Y. Preparation of aliphatic amines. 2,412,209; Dec. 10.
Dickieson, Alton C., Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission control in signaling systems. 2,407,259; Sept. 10.
Dickieson, Alton C., Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Privacy system. 2,407,260; Sept. 10.
Dickinson, Arthur H., Scarsdale, assignor to International Business Machines Corporation, New York, N. Y. Accounting apparatus. 2,402,988; July 2.
Dickinson, Arthur H., Scarsdale, assignor to International Business Machines Corporation, New York, N. Y. Accumulating apparatus. 2,402,989; July 2.
Dickinson, Arthur H., Scarsdale, assignor to International Business Machines Corporation, New York, N. Y. Electrical system. 2,408,613; Oct. 1.
Dickinson, Edgar D., Beverly, Mass., assignor to General Electric Company. Liquid separator for elastic fluid turbines. 2,392,126; Jan. 1.
Dickinson, John T., Basking Ridge, and A. R. Moorman, Alpine, N. J., assignors to Standard Oil Company, Chicago, Ill. Continuous disk filter. 2,406,065; Aug. 20.
Dickinson, Norman L., Basking Ridge, N. J., assignor to Standard Oil Company, Chicago, Ill. Desalting of hydrocarbon oils. 2,406,748; Sept. 3.
Dickinson, Paul, Company, assignee: *See*—
Knutson, Harold.
Dickinson, Robert C., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit interrupter. 2,394,046; Feb. 5.
Dickinson, Robert C., Wilkinsburg, W. H. Stuellein, East McKeesport, and F. E. Florschutz, Wilkinsburg, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit breaker. 2,404,950; July 30.
Dickman, Robert H., Evansville, Ind. Apparatus for vacuum testing sealed articles. 2,408,202; Sept. 24.
Dickow, Frederick P., Chicago, Ill., assignor to International Harvester Company. Feeder for balers. 2,409,478; Oct. 15.
Dickson, Wilbur R., Columbus, Ohio, assignor, by mesne assignments, to The Jeffrey Manufacturing Company. Material handling mechanism. 2,409,346; Oct. 15.
Dictaphone Corporation, assignee: *See*—
Lucarelle, Joseph M., and Fedeli.
Yerkovich, Simon.
Dictograph Products Company, Inc., assignee: *See*—
Koch, Henry.
Strommen, Einar A.
Young, Don H.
Zarth, William A.
Diebold, Barney A., Irvington, N. J. Guard or protector for electric cables. 2,408,253; Sept. 24.
Dieckbrader, Frederick A., Toronto, Ontario, Canada, assignor to The Hinde & Dauch Paper Company, Sandusky, Ohio. Papermaking apparatus. 2,411,416; Nov. 19.
Diedrich, Paul: *See*—
Dohrn, Max, and Diedrich.
Diedring, John H., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Safety switch. 2,409,022; Oct. 8.
Diehl, G. M., Machine Works, The, assignee: *See*—
Frame, Clifton C.
Diehl, John E., assignor to Stackpole Carbon Company, St. Marys, Pa. Generator regulator. 2,392,127; Jan. 1.
Dieplast Corporation, assignee: *See*—
Casalino, Joseph.
Dieringer, Henry W., assignee: *See*—
Vandersee, Arnold E.
Dierking, Theodore, New York, N. Y. Curtain traverse wheel. 2,405,020; July 30.
Dies, Charles A., Chicago, Ill. Pipe coupling. 2,396,163; Mar. 5.
Dies, Charles A., Chicago, Ill. Making return bend pipe couplings. 2,409,023; Oct. 8.
Dietert, Harry W., assignee: *See*—
Steinmueller, Ralph E.
Dietert, Harry W., Detroit, Mich. Apparatus for analysis of gas. 2,397,845; Apr. 2.
Dietert, Harry W., Detroit, Mich. Apparatus for analysis of gas. 2,397,846; Apr. 2.
Dietert, Harry W., Detroit, Mich. Test sample assembly. 2,402,738; June 25.
Dietert, Harry W., Detroit, Mich. Dilatometer structure. 2,409,669; Oct. 22.
Dietiker, John D.: *See*—
Herman, Kenneth R., Robinson, and Dietiker.
Dietrich, Karl L., Jr.: *See*—
Hess, F. O., Miller, and Dietrich.
Dietrich, Melvin A., Claymont, and R. M. Joyce, Jr., Marshallton, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilization of tetrafluoroethylene. 2,407,405; Sept. 10.
Dietrich, Melvin A., Claymont, Del., and C. J. Pedersen, Penns Grove, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Purifying petroleum products. 2,411,958; Dec. 3.
Dietrich, Melvin A., Claymont, Del., and C. J. Pedersen, Penns Grove, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Purifying petroleum products. 2,411,959; Dec. 3.
Dietz, Albert E., Washington, D. C. Fountain pen. 2,394,235; Feb. 5.
Dietz, Herbert J., assignor to Eastman Kodak Company, Rochester, N. Y. Luminescent materials. 2,409,174; Oct. 8.
Dietz, Robert R., Dumont, and H. Reitsma, Hackensack, N. J. Bowling ball. 2,393,026; Jan. 15.
Dietzgen, Eugene, Co., assignee: *See*—
Halstead, L. B.
Kreitling, August H.
Diezel, Willy, assignor to The Max Ams Machine Company, Bridgeport, Conn. Seaming machine. 2,392,728; Jan. 8.
Diffenderfer, John B., Verona, N. J., assignor to Radio Corporation of America. Phototube and manufacture. 2,401,738; June 11.
Di Frasso, Dorothy, assignee: *See*—
Bonotto, Michele.
Diggs, Maury I., assignor to Higgins Industries, Inc., New Orleans, La. Wall panel. 2,412,253; Dec. 10.
Di Giuseppe, Renato, Rome, Italy; vested in the Alien Property Custodian. Time delay relay circuit. 2,394,294; Feb. 5.
Di Ianni, Emanuel, Norristown, Pa. Garment fastening device. 2,407,969; Sept. 17.
Dilbert, Peter P., Reading, Ohio. Hook coupling. 2,392,368; Jan. 8.
Dildilian, Ara T.: *See*—
Dow, James N., and Dildilian.
Dildilian, Ara T., Suffield, assignor to Bigelow-Sanford Carpet Co., Inc., Thompsonville, Conn. Thermoplastic tape. 2,395,257; Feb. 19.
Dilks, Milford F., assignee, et al.: *See*—
Mulford, William.
Dill Manufacturing Company, The, assignee: *See*—
Crowley, John C.
Dillenback, Garett V., Jr., Slingerlands, and A. G. Cooley, Hudson View Gardens, assignors, by mesne assignments, to Times Telephoto Equipment Inc., New York, N. Y. Secrecy telefacsimile system. 2,403,059; July 2.
Diller, Isaac M., Upper Montclair, N. J. Welding and apparatus therefor. 2,402,381; June 18.
Dilley, June D., Huntingdon, W. Va., assignor to American Car and Foundry Company, New York, N. Y. Check retainer. 2,404,043; July 16.
Dilley, William, Cleveland, Ohio. Industrial safety shield. 2,401,056; May 28.
Dilling, Marion R., Seattle, Wash., assignor to International Business Machines Corporation, New York, N. Y. Alphabet printing mechanism. 2,399,724; May 7.
Dillinger, Joy F.: *See*—
Cross, Robert P., Jr., Dillinger, and Ogden.
Dillman, Earnest J., assignor to Detroit Lubricator Company, Detroit, Mich. Air cooling apparatus. 2,396,559; Mar. 12.
Dillman, Earnest J., assignor to Detroit Lubricator Company, Detroit, Mich. Control device. 2,398,086; Apr. 9.
Dillman, Earnest J., assignor to Detroit Lubricator Company, Detroit, Mich. Automatic valve. 2,409,112; Oct. 8.
Dillman, Earnest J., assignor to Detroit Lubricator Company, Detroit, Mich. Expansion valve. 2,410,795; Nov. 5.
Dillman, Earnest J., and F. Y. Carter, assignors to Detroit Lubricator Company, Detroit, Mich. Refrigeration expansion valve. 2,408,919; Oct. 8.
Dillon, Edwin I. and R. E., Chicago, Ill., assignors to W. C. Dillon & Company. Shock absorbing means for tension testing machines. 2,411,779; Nov. 26.
Dillon, Frederick P., U. S. Navy. Aircraft seat supporting structure. 2,401,748; June 11.
Dillon, Robert E.: *See*—
Dillon, Edwin I. and R. E.
Dillon, Thomas E.: *See*—
Etzel, Gastao, and Dillon.
Dillon, Thomas E., New Castle, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydrolysis of aliphatic sulphonyl chlorides. 2,408,300; Sept. 24.

Dillon, W. C., & Company, assignee: *See*—
Dillon, Edwin I. and R. E.

Dillon, Walter, U. S. Navy. Forming casings. 2,410,813; Nov. 12.

Dilworth, Richard M., Hinsdale, T. O. Lilliquist, Clarendon Hills, and D. H. Queeney, Naperville, Ill., assignors to General Motors Corporation, Detroit, Mich. Locomotive control system. 2,409,740; Oct. 22.

Dimick, Henry N., assignor to Williamette Hyster Company, Portland, Oreg. Load hoist and grappling control. 2,410,965; Nov. 12.

Dimmick, Glenn L., Indianapolis, Ind., assignor to Radio Corporation of America. Light divider. 2,392,978; Jan. 15.

Dimmick, Glenn L., Indianapolis, Ind., assignor to Radio Corporation of America. Reduction in reflection from glass. 2,397,929; Apr. 9.

Dimmick, Glenn L., Indianapolis, Ind., assignor to Radio Corporation of America. Optical neutral prism. 2,399,860; May 7.

Dimmick, Glenn L., Indianapolis, Ind., assignor to Radio Corporation of America. Surface coating apparatus. 2,408,614; Oct. 1.

Dimmick, Glenn L., Indianapolis, Ind., assignor to Radio Corporation of America. Lens coating apparatus. 2,410,720; Nov. 5.

Dimmick, Glenn L., Indianapolis, Ind., assignor to Radio Corporation of America. Apparatus for the production of reflection reducing coatings. 2,411,715; Nov. 26.

Dimmick, Glenn L., Indianapolis, Ind., assignor to Radio Corporation of America. Color selective reflector. 2,412,496; Dec. 10.

Dimple Tie Corporation, assignee: *See*—
Kleinmann, Max.

Dina, Salvatore B., assignor to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Releasable fastening device. 2,401,817; June 11.

Dineta, Adolph M., Detroit, Mich. Washing machine. 2,403,348; July 2.

Dingo, Emil W., Long Island City, assignor, by mesne assignments, to The W. L. Maxson Corporation, New York, N. Y. Method and apparatus for controlling moving vehicles. 2,397,475; Apr. 2.

Dingley, Edward N., Jr., Arlington, Va. Phase indicating circuit. 2,396,253; Mar. 12.

Dingman, Robert E., Indiana, Pa. Flexible pocket receptacle. 2,406,672; Aug. 27.

Dings Magnetic Separator Co., assignee: *See*—
Crockett, Robert F.

Dinnick, George M.: *See*—
Mouromtseff, Ilia E., and Dinnick.

Dinnick, George M., Bloomfield, N. J., and J. P. Quitter, Cincinnati, Ohio, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Composite anode structure. 2,398,582; Apr. 16.

Dinnick, George M., and L. C. Werner, Bloomfield, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electron device and manufacture. 2,402,029; June 11.

Di-Noc Company, The, assignee: *See*—
Reese, Thomas S.

Di-Noc Manufacturing Company, The, assignee: *See*—
Heinecke William and F.

Dinsmore, Theodore R., assignor to Curtis Pump Company, Dayton, Ohio. Recirculating stabilizer pump. 2,392,128; Jan. 1.

Dinsmore, Theodore R., and J. A. Thompson, assignors to Curtis Pump Company, Dayton, Ohio. Automatic pressure control for booster pumps. 2,395,657; Feb. 26.

Dinwiddie, Joseph G., Waynesboro, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilized acetaldehyde and method. 2,413,038; Dec. 24.

Dion, Henry F., assignor of one-half to C. F. Morton, Augusta, Maine. Sectional window screen. 2,396,560; Mar. 12.

Di Pietro, Carmelo V., Birmingham, Mich. Cooling apparatus. 2,396,460; Mar. 12.

Di Pietro, Carmelo V., Birmingham, Mich. Mixing faucet. 2,401,914; June 11.

Di Pietro, Carmelo V., Birmingham, Mich. Dispensing apparatus. 2,401,915; June 11.

Di Pietro, Carmelo V., Birmingham, Mich. Carbonator. 2,401,916; June 11.

Dirksen, Arnold D.: *See*—
Golob, John E., and Dirksen.

Dirkes, Robert F., Jamaica, N. Y., T. E. Melick, Neshanic, and V. R. Kimball, Union City, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Telegraph printer. 2,392,369; Jan. 8.

Di Santi, Thomas G., Newark, N. J. Scaffold. 2,407,655; Sept. 17.

Dishro, Ira R., Lakewood, and J. S. Coulton, assignors to The W. S. Tyler Company, Cleveland, Ohio. Purifying air in elevator cars. 2,398,627; Apr. 16.

Disc Foster C., Akron, Ohio. Acrobatic toy. 2,403,509; July 9.

Dishmaker, Orville A., Oshkosh, assignor of one-half to L. J. Kaufman, Manitowoc, Wis. Kicking animal toy. 2,400,980; May 28.

Dishmaker, Orville A., Oshkosh, assignor of one-half to L. J. Kaufman, Manitowoc, Wis. Ball push toy. 2,400,981; May 28.

Disney, Charles P., Toronto, Ontario, Canada. Constructing piers. 2,405,295; Aug. 6.

Disney, Morton F., Baltimore, Md. Time recording apparatus. 2,395,658; Feb. 26.

Dispersions Process, Inc., assignee: *See*—
Burns, Edward R.

Display Cartons Company, assignee: *See*—
Koolnis, Stanley R.

Distillation Products, Inc., assignee: *See*—
Denys, Orban.
Embree, Norris D., and Shantz.
Hickman, Kenneth C. D.
Hickman, Kenneth C. D., and Perry.
Johnson, Merriam E.
Shantz, Edgar M.

Distillers Company Limited, The, assignee: *See*—
Coppock, Philip D., and Hadley.
Galitzenstein, Eugen G., and Woolf.
Stanley, Herbert M.
Staudinger, Hanns P., and Hutchinson.
Staudinger, Hanns P., and Tuerck.
Tuerck, Karl H. W.
Tuerck, Karl H. W., and Brittain.
Tuerck, Karl H. W., and Lichtenstein.

Di Stiso, Carmine C., Waterbury, Conn. Pin-up vanity case holder. 2,401,556; June 4.

District of Columbia Paper Mills, Inc., assignee: *See*—
Harrigan, Herman R.

Ditchfield, Frank, assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Sliding car door. 2,410,484; Nov. 5.

Di Toro, Michael J., Brooklyn, N. Y., assignor, by mesne assignments, to Hazeltine Research, Inc., Chicago, Ill. Telemetering system. 2,403,889; July 9.

Di Toro, Michael J., Brooklyn, N. Y., assignor, by mesne assignments, to Hazeltine Research, Inc., Chicago, Ill. Time-delay network. 2,413,607; Dec. 31.

Di Toro, Michael J., Brooklyn, N. Y., assignor, by mesne assignments, to Hazeltine Research, Inc., Chicago, Ill. Time delay network. 2,413,608; Dec. 31.

Dittmar, Harry R., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Sizing composition and yarn sized therewith. 2,406,749; Sept. 3.

Dittmer, Joseph C., St. Albans, assignor to National Lead Company, New York, N. Y. Refining lead and lead alloys. 2,402,316; June 18.

Ditto, Incorporated, assignee: *See*—
Bour, Robert C.
Collins, Howard E.
Denyven, Howard G., and A. E. and E. R. Hess.
Hess, Arthur L.
Little, Alfred E.
Peterson, Eric W.
Roberts, John R.
Watkins, Lawrence A.

Dittrich, Francis J., assignor to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Double deck vehicle. 2,405,136; Aug. 6.

Diversey Corporation, The, assignee: *See*—
Button, Bland B., Jr., and Janota.
Janota, Joseph, Jr., and Button.

Divil, Clarence A., Dilliner, Pa. Ladder leveling device. 2,392,527; Jan. 8.

Divine Brothers Company, Incorporated, assignee: *See*—
Klossner, Stanley H.

Diving Equipment and Supply Company, Inc., assignee: *See*—
Browne, Jack.

Dixie Foundry Company, Inc., assignee: *See*—
Rymer, S. B.

Dixon, Cletus L., assignor, by mesne assignments, to The Protectoseal Company, Chicago, Ill. Thermosetting molding powder from wheat, wood pitch, and resin, and making. 2,407,225; Sept. 10.

Dixon, James K., Riverside, Conn., assignor to American Cyanamid Company, New York, N. Y. Pyrazine. 2,400,398; May 14.

Dixon, James K., Riverside, and J. M. Sayward, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. 2-Brompyrazine and preparing same. 2,403,710; July 9.

Dixon, Joseph, Crucible Company, assignee: *See*—
Hasselquist, Hugo S.
Nichols, Charles R., Jr.
Nichols, Charles R., and Simpson.
Sbonnard, Orlando D.

Djerassi, Carl, Madison, Wis., C. P. Huttrer, and C. R. Scholz, assignors to Ciba Pharmaceutical Products Incorporated, Summit, N. J. Tertiary amines of heterocyclic compounds. 2,406,594; Aug. 27.

Djidics, Alexander, Tamaqua, Pa., assignor to Atlas Powder Company, Wilmington, Del. Blasting cap crimper. 2,409,549; Oct. 15.

Doan, Richard L., Bartlesville, Okla., assignor to Phillips Petroleum Company. Apparatus for gas analysis of drilling. 2,393,092; Jan. 15.

Doan, Richard L., Bartlesville, Okla., assignor to Phillips Petroleum Company. Well logging apparatus. 2,404,622; July 23.

Doane, Foster B., Wilmette, assignor to Magnaflux Corporation, Chicago, Ill. Method of and apparatus for magnetic testing. 2,401,467; June 4.

Doane, Newton W., San Francisco, Calif. Renewable heel. 2,396,834; Mar. 19

Doba, Stephen, Jr., Long Island City, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Ground speed meter. 2,406,358; Aug. 27.

Dobbins, Horace M., Pasadena, Calif. Propulsion and stabilization of watercraft and the like. 2,408,412; Oct. 1.

Doberstein, Edward J., Blue Island, assignor to Goodman Manufacturing Company, Chicago, Ill. Shaker conveyer. 2,410,481; Nov. 5.

Doberstein, Edward J., Blue Island, assignor to Goodman Manufacturing Company, Chicago, Ill. Shaker conveyer. 2,410,482; Nov. 5.

Dobkowski, Matthew, Detroit, Mich. Electrode for spot welding. 2,409,550; Oct. 15.

Dobie, Abner, assignor to Stanley Steam Motors Corporation, Chicago, Ill. Steam power plant. 2,393,313; Jan. 22.

Dobler, Joseph C., Manhattan Beach, Calif. Loading and unloading apparatus. 2,395,173; Feb. 19.

Dobrin, Harry, New York, N. Y. Magician's device. 2,400,982; May 28.

Dobrin, Harry, assignor to Furnace Engineers, Inc., Pittsburgh, Pa. Gas burner. 2,403,431; July 9.

Dobscha, Herman F., Pittsburgh, Pa., assignor to Carnegie-Illinois Steel Corporation. Settling basin for blast furnace cinder runners. 2,409,741; Oct. 22.

Dockerty, Stuart M., Pawtucket, R. I., assignor to Owens-Corning Fibergias Corporation. Crimped fibrous glass. 2,395,371; Feb. 19.

Dockry, John A., Painesville, Ohio. Bud shield. 2,413,487; Dec. 31.

Dockum, Raymond N.: *See*—
Baratelli, Charles A., Cochran, Dockum, and Guernsey.

Dodd, Bertha A., Washington, D. C. Hair treating machine. 2,403,350; July 2.

Dodd, Edward C.: *See*—
Waller, Cecil, Collins, and Dodd.

Dodd, Joseph C., Orlando, Fla. Paint bucket ladder bracket. 2,412,567; Dec. 17.

Dodds, Earl B.: *See*—
Beckman, Charles E., and Dodds.

Dodds, John M., Timperley, and H. Whalley, Darwen, assignors to Metropolitan-Vickers Electrical Company Limited, London, England. Radio receiver. 2,400,813; May 21.

Dodds, John M., Timperley, and C. W. Miller, Sale, assignors to Metropolitan-Vickers Electrical Company Limited, London, England. Cathode ray tube. 2,400,814; May 21.

Dodds, Joseph W.: *See*—
Johnson, Paul S., and Dodds.

Dodegge, Carl, Maywood, Ill. Drape hanger and curtain rod supporting device. 2,397,930; Apr. 9.

Dodelin, Emil A., Moorestown, N. J. Abrading device. 2,411,615; Nov. 26.

Dodge, Adiel Y.: *See*—
Swenson, Carl E., and Dodge.

Dodge, Adiel Y., Rockford, Ill. Overspeed release clutch. 2,398,087; Apr. 9.

Dodge, Adiel Y., Rockford, Ill. Speed responsive clutch. 2,398,885; Apr. 23.

Dodge, Adiel Y., Rockford, Ill. Bearing construction. 2,401,557; June 4.

Dodge, Adiel Y., Rockford, Ill. Transmission. 2,402,382; June 18.

Dodge, Adiel Y., Rockford, Ill. One-way clutch. 2,404,221; July 16.

Dodge, Adiel Y., Rockford, Ill. Torque transmitting mechanism. 2,404,623; July 23.

Dodge, Adiel Y., Rockford, Ill. Clutch and bearing construction. 2,407,772; Sept. 17.

Dodge, Adiel Y., Rockford, Ill. One-way clutch and bearing. 2,412,803; Dec. 17.

Dodge, Frederick G., La Vale, Md., assignor to Celanese Corporation of America. Resilient filaments. 2,408,381; Oct. 1.

Dodge, Gordon F., Columbus, Ohio, assignor, by mesne assignments, to The Jeffrey Manufacturing Company. Self-aligning belt idler. 2,399,913; May 7.

Dodge, Howard M., Wabash, Ind., assignor to The General Tire & Rubber Company, Akron, Ohio. Sealing ring. 2,395,107; Feb. 19.

Dodge, Howard M., Wabash, Ind., assignor to The General Tire & Rubber Company, Akron, Ohio. Fluid seal. 2,397,847; Apr. 2.

Dodge Manufacturing Corporation, assignee: *See*—
Fast, Marion L.
Firth, David.
Firth, David, and Bodle.

Dodge, William R., Aldan, Pa., assignor to Hajoca Corporation. Self-cleaning straining device. 2,408,741; Oct. 8.

Dodington, Sven H., Forest Hills, N. Y., assignor to Federal Telephone and Radio Corporation. Electron discharge device. 2,402,612; June 25.

Dodington, Sven H. M., Forest Hills, assignor to Federal Telephone and Radio Corporation, New York, N. Y. Radio assembly. 2,411,528; Nov. 26.

Dodson, Edward, Putney Heath, London, S. W. 15, England. Control means for operating at a distance the flying controls of aircraft. 2,395,728; Feb. 26.

Dodson, Edward, Puriton, near Bridgewater, England. Hydraulic servomotor. 2,399,474; Apr. 30.

Dodson, Howard W., assignor to United Steel Barrel Company, Philadelphia, Pa. Closure for sheet-metal container openings. 2,411,149; Nov. 19.

Dodson, Wayne E., Caldwell, N. J., assignor to General Electric Company. Refrigerating system. 2,400,335; May 14.

Doehler Die Casting Company, assignee: *See*—
Harrison, George.

Doell, Howard J., Carneys Point, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Making coiled structures. 2,392,842; Jan. 15.

Doelling, George L., St. Louis, Mo. Antibumping device. 2,407,226; Sept. 10.

Doering, Charles and H. H., B. J. Skoglund, and E. W Anderson, Chicago, Ill.; said Skoglund and said Anderson assignors to C. and H. H. Doering. Package filling machine. 2,399,914; May 7.

Doering, Charles and H. H., E. W. Anderson, and B. J. Skoglund, Chicago, Ill.; said Anderson and said Skoglund assignors to said C. and H. H. Doering. Apparatus for feeding, cutting, and molding individual edible spreads. 2,411,616; Nov. 26.

Doering, Henry H.: *See*—
Doering, Charles and H. H., Anderson, and Skoglund.
Doering, Charles and H. H., Skoglund, and Anderson.

Doering, Justus H., Detroit, and R. H. McCarroll, assignors to Ford Motor Company, Dearborn, Mich. Tire. 2,405,943; Aug. 20.

Doering, William von E.: *See*—
Woodward, Robert B., and Doering.

Doerman, Henry D., Roseville, Calif. Trap operating device for refrigerator cars. 2,395,320; Feb. 19.

Doerner, Max, New York, N. Y. Water heating unit. 2,403,173; July 2.

Doherty, Daniel, Los Angeles, Calif. Double belt sander. 2,411,085; Nov. 12.

Doherty, William H., Elmhurst, N. Y. Sole and heel former. 2,406,005; Aug. 20.

Doherty, William H., Elmhurst, N. Y. Vacuum last and sole forming machine. 2,408,359; Aug. 27.

Doherty, William H., Elmhurst, N. Y. Supporting frame for articles of footwear. 2,408,413; Oct. 1.

Dohrn, Max, Berlin-Charlottenburg, and P. Diedrich, Finkenkrug, Osthavelland, Germany, assignors to Schering Corporation, Bloomfield, N. J. Valuable derivatives of sulphonamides and making same. 2,411,495; Nov. 19.

Dohrwardt, Dorothy M.: *See*—
Dohrwardt, John F. and D. M.

Dohrwardt, John F. and D. M., Detroit, Mich. Attachment for straight edges. 2,411,529; Nov. 26.

Doig, John C., assignee, et al.: *See*—
Banks, Joseph L.

Dokken, Noel O., Benson, Minn. Stacker. 2,401,142; May 28.

Dolan, Charles H., II, Old Greenwich, Conn. Potato peeler. 2,407,819; Sept. 17.

Dolan, Charles H., II, Kansas City, Mo. Toilet kit. 2,411,196; Nov. 19.

Dolan, Harry: *See*—
Rosenstein, Aaron, and Dolan.

Dolan, James P., Springfield, Mass. Switch apparatus. 2,412,604; Dec. 17.

Dolberg, Charles E., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Combination coil and condenser. 2,403,349; July 2.

Dolce, Louis C., Sandy Hook, Conn. Scrub water pickup. 2,396,645; Mar. 19.

Dole, Howard N.: *See*—
Wilson, William S., and Dole.

Dole Refrigerating Company, assignee: *See*—
Kleist, Herman W.

Doll, Frank A., assignor to Link Engineering Co., Detroit, Mich. Press operating device. 2,403,912; July 16.

Doll, Henri-Georges, assignor to Schlumberger Well Surveying Corporation, Houston, Tex. Determining the oil content of subterranean formations. 2,395,617; Feb. 26.

Dolman, Clarence D., Wenatchee, Wash., assignor to Hercules Glue Company, Ltd. Spray compositions. 2,412,720; Dec. 17.

Dome, Robert B.: *See*—
Berkoff, Seymour, and Dome.

Dome, Robert B., Bridgeport, Conn., assignor to General Electric Company. Ratio circuit. 2,397,540; Apr. 2.

Dome, Robert B., Bridgeport, Conn., assignor to General Electric Company. Voltage regulator for electron discharge devices. 2,404,624; July 23.

Dome, Robert B., Bridgeport, Conn., assignor to General Electric Company. Phase shifting circuit. 2,410,721; Nov. 5.

Domine, Leo, Detroit, Mich. Bumper. 2,411,852; Dec. 3.

Dominion Electrical Manufacturing, Inc., assignee: *See*—
Jordan, Richard H.

Dominion Engineering Works, Limited, assignee: *See*—
Malkin, Bernard A.
Muir, William P.

Dominion Merchants Company, assignee: *See*—
Barnard, Oral E.
Domville, Charles H., Jr., Glen Ellyn, and E. E. Gray, assignors to Caspers Tin Plate Company, Chicago, Ill. Stripping and stacking apparatus and method. 2,392,032; Jan. 1.
Donachie, Matthew J., Holyoke, Mass., assignor, by mesne assignments, to Berks County Trust Company, Reading, Pa. Working and treating Be-Cu alloys. 2,412,447; Dec. 10.
Donahey Clay Products Co., assignee: *See*—
Donahey, Robert F.
Donahey, Robert F., Shaker Heights, assignor to The Donahey Clay Products Co., Cleveland, Ohio. Apparatus for forming clap pipe and the like. 2,401,232; May 28.
Donahoe, Joseph R., Narrows, Va., assignor to Celanese Corporation of America. Wrench. 2,395,805; Mar. 5.
Donahue, John E., and L. W. Schrader, Elizabeth, N. J., assignors to Standard Oil Development Company. Supporting device for return headers. 2,412,568; Dec. 17.
Donahue, William T.: *See*—
Burnett, Clinton B., Donahue, and Randolph.
Donal, John S., Jr.: *See*—
Langmnir, David B., and Donal.
Donald, Forrest V., assignor to Simplicity Manufacturing Company, Port Washington, Wis. Sickle bar mower attachment for garden tractors. 2,397,310; Mar. 26.
Donaldson, Charles A., Del Rio, Tex. Absolute altimeter. 2,408,414; Oct. 1.
Donaldson, Charles A., Del Rio, Tex. Distance gauging and like apparatus. 2,408,415; Oct. 1.
Donaldson, David D., Dearborn, Mich. Stereoscopic camera mount. 2,400,455; May 14.
Donaldson, Frank A., and J. C. Enblom, St. Paul, Minn. Two-way air cleaner for air compressors. 2,391,887; Jan. 1.
Donaldson, Jefferson R., assignor of twenty-five per cent to A. H. Caperton, Dallas, and fifty per cent to J. W. Barnes, Paris, Tex. Bottle vending machine. 2,399,105; Apr. 23.
Donaldson, Robert R., Forest Hills, assignor to J. M. Hopwood, Mount Lebanon, Pa. System for the remote control of internal-combustion engines and clutches employed in ship propulsion. 2,404,951; July 30.
Donelian, Khatchik O., New York, N. Y., assignor to American District Telegraph Company, Jersey City, N. J. Fire and smoke detector and the like. 2,408,051; Sept. 24.
Donelson, William W., assignor to The Federal Flooring Corporation, Boston, Mass. Sparkproof flooring and the like. 2,413,610; Dec. 31.
Doner, Ralph D., Auburn, Ala. Diffraction grating tool. 2,404,222; July 16.
Donisthorpe, Henry W., Leicestershire, assignor to F. N. F. Limited, Gloucester, England. Method and means for making knitting needles. 2,396,412; Mar. 12.
Donkersley, Albert B., and J. R. Welshamn, Cranston, assignors to Grinnell Corporation, Providence, R. I. Spring hanger. 2,397,094; Mar. 26.
Donkin, William F., Cleveland Heights, assignor to Willard Storage Battery Company, Cleveland, Ohio. Storage battery. 2,409,841; Oct. 22.
Donle, Harold P., deceased, New York, N. Y.; M. D. Jennen, administratrix, assignor of one-half to D. J. McCarthy. Ray projector. 2,407,065; Sept. 3.
Donleavy, John J., Montclair, N. J., assignor to Allied Laboratories, Inc., Kansas City, Mo. Alkyl mercapto substituted amino benzoic acid alkamine amides, salts, intermediates and preparing same. 2,410,481; Nov. 5.
Donley, Bartrum G., and G. D. Simonds assignors to The Four Wheel Drive Auto Co., Clintonville, Wis. Drive for multiple axle vehicles. 2,395,108; Feb. 19.
Donnell, Lloyd H., Chicago, Ill., and E. L. Shaw, Akron, Ohio, assignors to Wingfoot Corporation, Wilmington, Del. Airship. 2,396,494; Mar. 12.
Donnellan, Maurice L., Ypsilanti, Mich. Aircraft propulsion. 2,409,551; Oct. 15.
Donnellan, Maurice L., Ypsilanti, Mich. Aircraft propulsion device. 2,409,552; Oct. 15.
Donnelly, James H., assignee, et al.: *See*—
Trent, Floyd E.
Donnelly, Thomas S., Jr., assignor to Bordon Mfg. Co., Inc., Detroit, Mich. Electrode holder. 2,404,125; July 16.
Donnelly, Thomas S., Jr., assignor to Bordon Mfg. Co., Inc., Detroit, Mich. Electrode holder. 2,404,437; July 23.
Donovan, Allen F.: *See*—
Jenkins, Edward S., and Donovan.
Doss, Eddie M., and O. G. Mauro, assignors to Mid-Continent Petroleum Corporation, Tulsa, Okla. Dewaxing oils. 2,410,483; Nov. 5.
Dotson, Andy, Toronto, Ontario, Canada. Sweatband for hats. 2,398,363; Apr. 16.
Dooling, Harris F., Culver City, Calif. Thread cutter. 2,413,406; Dec. 31.
Doose, Gabriel H. W., New Orleans, La. Reversible nozzle for shipping containers. 2,413,438; Dec. 31.
Dootson, Norman L., San Francisco, Calif. Dial calendar. 2,409,347; Oct. 15.
Doppelt, Charles, Chicago, Ill. Means for securing identification tags. 2,397,651; Apr. 2.
Doran Brothers, Incorporated, assignee: *See*—
Schultze, Paul.
Doran, John H., Scotia, N. Y., assignor to General Electric Company. Hydraulic gear of the positive displacement type. 2,399,008; Apr. 23.
Doran, John H., Scotia, N. Y., assignor to General Electric Company. Elastic fluid turbine. 2,399,009; Apr. 23.
Dorcey, Frances, Milwaukee, Wis. Apron. 2,410,639; Nov. 5.
Dorfman, Hiller D., Forest Hills, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit interrupter. 2,406,325; Aug. 27.
Dorgelys, Henri J., Hempstead, N. Y. Crown fastener. 2,401,057; May 28.
Dorkin, John D., Toronto, Ontario, Canada. Hair comb. 2,401,143; May 28.
Dorland, Norman E., Philadelphia, Pa. Raising sunken ships. 2,399,475; Apr. 30.
Dormeyer, A. F., Mfg. Company, assignee: *See*—
Kennedy, Verne C.
Dornak, Henry J., Houston, Tex. Aircraft landing signal device. 2,412,035; Dec. 3.
Dornblatt, Albert J.: *See*—
McManus, Charles E., Elder, Cooke, and Dornblatt.
Dornbrook, Frederick L., assignor to Wisconsin Electric Power Company, Milwaukee, Wis. Steam turbine control mechanism. 2,409,024; Oct. 8.
Dorothea, Gale, and G. C. Arnott, assignors to Remington Arms Company, Inc., Bridgeport, Conn. Transfer and assembly mechanism. 2,398,293; Apr. 9.
Dorough, George L.: *See*—
Arnold, Harold W., Brubaker, and Dorough.
Dorough, George L., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Catalytic polymerization of monoolefinic organic compounds. 2,398,926; Apr. 23.
Dorr Company, The, assignee: *See*—
Counselman, Theodore B.
Darby, George M.
Dorrington, Neill E.: *See*—
Hartman, Carl H., Marsh, and Dorrington.
Dorris, Robert C., East Orange, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electron discharge device. 2,402,030; June 11.
Dorsman, Cornelis, Eindhoven, Netherlands; vested in the Alien Property Custodian. Device for measuring low direct voltages. 2,406,492; Aug. 27.
Dorst, James A., U. S. Army, Geiger Field, Wash. Trestle bridge. 2,406,814; Sept. 3.
Dorst, Stanley O.: *See*—
Robinson, Preston, and Dorst.
Dosker, Cornelius D., assignor to Gamble Brothers, Louisville, Ky. Paddle. 2,399,106; Apr. 23.
Dostal, Frank A., New Ulm, Minn. Building block lifter. 2,409,932; Oct. 22.
Dostal, Louis L., Jackson, Minn. Detasseling machine. 2,397,249; Mar. 26.
Doster, Howard G., R. H. Hanlon, and F. B. Farnsworth, assignors to The Ohio Injector Company, Wadsworth, Ohio. Injector. 2,399,794; May 7.
Doty, Boyd A.: *See*—
Dyett, James H., and Doty.
Doty, Charles R., Yonkers, assignor to International Business Machines Corporation, New York, N. Y. Record punching machine. 2,399,725; May 7.
Double, Walter F.: *See*—
Armington, Stewart F., and Double.
Double Duty Products, Inc., assignee: *See*—
Houghton, Ellis M.
Douden, William L.: *See*—
Sachtleben, Lawrence T., and Douden.
Douden, William L., Philadelphia, Pa., assignor to Radio Corporation of America. Luminous reticle. 2,392,979; Jan. 15.
Dougherty, James W., McKeesport, Pa., assignor to The American Steel and Wire Company of New Jersey. Coil supporting arbor. 2,409,742; Oct. 22.
Dougherty, Patrick F.: *See*—
Winn, William E., and Dougherty.
Dougherty, Robert S. A., and J. E. Eberhardt, Bethlehem, Pa., assignors to Bethelehem Steel Company. Open hearth furnace operation. 2,396,461; Mar. 12.
Doughty, Howard W., Jr., assignor to Foster Machine Company, Westfield, Mass. Winding machine. 2,402,739; June 25.
Douglas Aircraft Company, Inc., assignee: *See*—
Burton, Edward F., and Graves.
Burton, Edward F., Wheelon, and Adams.
Chris, Stephen J.
Clauser, Francis H., and Wood.
Conner, William S., and Wilkie.
Del Mar, Bruce E.
Glasgow, Charles S., and Brown.
Kleinhans, Earl S., and Feed.
Klemperer, Wolfgang B., and Goldberg.
Nelson, Alex E.
Ostergren, Ralph H.
Rechton, George D., and Watson.
Rogers, Allan B., Sr.
Weise, Carl A.
Williams, Lewis E., Jr., and Smith.

Douglas Fraser & Sons Limited, assignee: *See*—
Fraser, Henry.
Douglas, H. A., Mfg. Co., assignee: *See*—
Baumgardner, Earl J.
Douglas (Kingswood) Limited, assignee: *See*—
Halliday, George F., and Thomas.
Douglas, Louis M.: *See*—
Cook, Stanley S., and Douglas.
Douglass, Myrl R., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Light signal. 2,399,173; Apr. 30.
Doumani, Thomas F., Wilmington, assignor to Union Oil Company of California, Los Angeles, Calif. Production of aliphatic alcohols. 2,394,848; Feb. 12.
Doumani, Thomas F., Wilmington, Calif., assignor to Union Oil Company of California, Los Angeles, Calif. Dehydration of sulphur alcohols. 2,402,878; June 25.
Doumani, Thomas F., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Liquid phase dimerization. 2,411,822; Nov. 26.
Doumani, Thomas F., and C. H. O. Berg, Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Treating hydrocarbons. 2,394,849; Feb. 12.
Doumani, Thomas F., and R. Deery, changed by court order to R. F. Deering, Long Beach, Calif., assignors to Union Oil Company of California, Los Angeles, Calif. Diene dimer. 2,401,414; June 4.
Doumani, Thomas F., Wilmington, and R. Deery, Long Beach, Calif.; R. Deery changed by court order to Roland Frank Deering, assignor to Union Oil Company of California, Los Angeles, Calif. Production of styrenes. 2,402,740; June 25.
Doumani, Thomas F., Long Beach, and D. A. Skinner, Compton, assignors to Union Oil Company of California, Los Angeles, Calif. Butadiene purification. 2,408,970; Oct. 8.
Doumani, Thomas F., Wilmington, and R. Deery, Long Beach, now by judicial change of name to R. F. Deering, assignors to Union Oil Company of California, Los Angeles, Calif. Preparation of conjugated dienes. 2,409,259; Oct. 15.
Doumani, Thomas F., Long Beach, and J. F. Cuneo, Los Angeles, Calif., assignors to Union Oil Company of California. Catalytic process. 2,411,823; Nov. 26.
Douslin, Donald R., and C. F. Weinaug, Bartlesville, Okla., assignors to Phillips Petroleum Company. Cooling agent dispenser. 2,399,334; Apr. 30.
Douty, Alfred, Elkins Park, and F. P. Heller, Philadelphia, assignors to American Chemical Paint Company, Ambler, Pa. Cleaning composition. 2,396,776; Mar. 19.
Douty, Alfred, Elkins Park, and G. C. Romig, Melrose Park, assignors to American Chemical Paint Company, Ambler, Pa. Metal coating process. 2,403,426; July 2.
D'Ouville, Edmond L.: *See*—
Burney, Donald E., d'Ouville, and Hull.
Evering, Bernard L., and d'Ouville.
Evering, Bernard L., d'Ouville, and Carmody.
Hull, Carl M., and d'Ouville.
Lien, Arthur P., and d'Ouville.
D'Ouville, Edmond L., Chicago, Ill., and B. H. Shoemaker, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Alkylation. 2,398,495; Apr. 16.
D'Ouville, Edmond L., and B. L. Evering, assignors to Standard Oil Company, Chicago, Ill. Butane isomerization. 2,409,260; Oct. 15.
Dow, Alden B., Midland, Mich. Display folder. 2,411,368; Nov. 19.
Dow Chemical Company, The, assignee: *See*—
Allen, Glenn L., Jr., Heltz, and Henderson.
Allen, William W.
Amley, Oliver B., and Gregory.
Barry, Arthur J.
Bradshaw, Russell R.
Britton, Edgar C., Coleman, and Clack.
Britton, Edgar C., & Hansen.
Britton, Edgar C., and Le Fevre.
Britton, Edgar C., and Monroe.
Britton, Edgar C., and Vander Weele.
Coleman, Gerald H., and Hadler.
Courter, Leo A.
Cummins, Claude A.
Dreisbach, Robert R.
Dreisbach, Robert R., and Fletcher.
Dreisbach, Robert R., Britton, and Le Fevre.
Edmunds, Alvin M.
Fletcher, Fred W.
Fletcher, Fred W., and Kenaga.
Frevel, Ludo K.
Hammer, Oscar H.
Heath, Sheldon B., and Minger.
Hirschkind, Wilhelm.
Hooker, George W., Drake, and Stowe.
Hunter, Melvin J., and Bauman.
Hunter, Melvin J., and Fenn.
Keller, Cornelius H.
Lehnhard, Philip J.
Maasberg, Albert T.
Matson, George L.
Meuli, Lloyd J.
Nutting, Howard S., and Horsley.
Peters, Adolph T.
Dow Chemical Company, The, assignee: *See*—Continued
Rauner, Lawrence A., and Hunter.
Reimers, Hans A.
Robinson, Harold A., Friedrich, and Spencer.
Rubens, Louis C., and Boyer.
Ryden, Laurence L.
Savage, Albert B.
Stober, Kenneth E.
Watters, Donald W.
Wenck, Peter R., and Henson.
Wiley, Ralph M.
Dow, James N., Longmeadow, Mass., and A. T. Dildilian, Suffield, assignors to Bigelow-Sanford Carpet Co., Inc., Thompsonville, Conn. Pile fabric manufacture. 2,408,756; Oct. 8.
Dow, Orville E.: *See*—
Hansell, Clarence W., and Dow.
Dow, Orville E., Port Jefferson, N. Y., assignor to Radio Corporation of America. Oscillator circuit. 2,397,411; Mar. 26.
Dow, Orville E., Port Jefferson, N. Y., assignor to Radio Corporation of America. Ultra short wave system. 2,404,279; July 16.
Dow, Orville E., Port Jefferson, N. Y., assignor to Radio Corporation of America. Automatic frequency control. 2,404,568; July 23.
Dow, Raymond, Flushing, N. Y. Wound closing device. 2,409,261; Oct. 15.
Dow, William G., H. C. Early, and H. J. Gomberg, Ann Arbor, assignors to General Motors Corporation, Detroit, Mich. Welding method. 2,400,921; May 28.
Dowdle, Dudley R., Sandringham, Victoria, Australia. Riveting gun or like appliance. 2,401,724; June 11.
Dowey, Thomas L., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone call transmitter. 2,395,539; Feb. 26.
Down, Sidney G., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Piston device. 2,407,872; Sept. 17.
Down, Sidney G., Edgewood, and F. E. Miller, Swissvale, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Journal protecting apparatus. 2,400,399; May 14.
Downes, Daniel T., Creighton, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Laminated glass closure unit. 2,392,129; Jan. 1.
Downes, Daniel T., Creighton, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Supporting structure for laminated units. 2,392,130; Jan. 1.
Downes, Daniel T., Creighton, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Installation for laminated glass. 2,403,060; July 2.
Downes, Daniel T., Creighton, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Window construction. 2,403,061; July 2.
Downey, George T.: *See*—
Suska, Charles R., and Downey.
Downey, George T., assignor to Aero Supply Mfg. Co. Inc., Corry, Pa. Valve assembly. 2,392,234; Jan. 1.
Downing Box Company, assignee: *See*—
Glascoff, Walter G., Jr., and Evert.
Downing, Frederick B.: *See*—
Benning, A. F., Downing, and Park.
Benning, Anthony F., Downing, and Park.
Benning, Anthony F., Downing, and Plunkett.
Downing, Frederick B., Pennsgrove, N. J., and A. L. Linch, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilizing or deactivating sludges, precipitates, and residues occurring or used in the manufacture of tetra alkyl leads. 2,407,261; Sept. 10.
Downing, Joseph M., Dayton, Ohio. Combined drill and mill vise. 2,402,537; June 25.
Downing, Joseph R.: *See*—
Berry, Kenneth L., and Downing.
Downing, Otto P., Dallas, Tex. Liquid carton. 2,393,758; Jan. 29.
Downing, Rexford D.: *See*—
Pool, Stuart D., and Downing.
Downingtown Manufacturing Company, assignee: *See*—
Edge, Jacob.
Dowsett Engineering Construction Limited, assignee: *See*—
Barber, Ronald S. V.
Barber, Ronald S. V., and Lester.
Dowsett, Harry L., and Barber.
Dowsett, Harry L., and R. S. V. Barber, assignors to Dowsett Engineering Construction Limited, Malvern, England. Mold for the production of pre-stressed reinforced concrete sleepers. 2,397,728; Apr. 2.
Dowty Equipment Limited, assignee: *See*—
Bingham, Arthur E.
MacKenzie, Donald.
Underwood, Cyril J.
Dowty, George H., Cheltenham, England. Retractable mounting for aircraft landing elements. 2,392,905; Jan. 15.
Doxford, William & Sons Limited, assignee: *See*—
Purdie, William H.
Doyle, Arthur J., assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Lock. 2,392,906; Jan. 15.
Doyle, Collin M., Salem, Ohio, assignor to The Salem Engineering Company. Drier. 2,412,133; Dec. 3.

Doyle, Frank B., Phillipsburg, N. J., assignor to Ingersoll-Rand Company, New York, N. Y. Apparatus for freezing. 2,407,482; Sept. 10.

Doyle, Irving W. Massapequa, A. G. Nash, Richmond Hill, and F. W. Stellwagen, Kew Gardens, N. Y., assignors to Fairchild Camera and Instrument Corporation. Camera. 2,399,476; Apr. 30.

Doyle, Irving W., Amityville, and H. E. Hale, Freeport, N. Y., assignors to Fairchild Camera and Instrument Corporation. Apparatus for aiming guns. 2,399,726; May 7.

Doyle, Irving W., Massapequa, and R. A. White, Pleasantville, N. Y., assignors to Fairchild Camera and Instrument Corp. Camera magazine. 2,403,587; July 9.

Doyle, John T., deceased, Anne Arundel County; M. H. Doyle, Baltimore, Md., administratrix. Production of a road joint sealing composition. 2,395,996; Mar. 5.

Doyle, Mary H., administratrix: *See*—
Doyle, John T.

Drabble, Dudley S. and E. J., and P. Ortiz de Zarate, Buenos Aires, Argentina. Electric heater of adjustable temperature. 2,398,136; Apr. 9.

Drabble, Eduardo J.: *See*—
Drabble, Dudley S. and E. J., and de Zarate.

Drackett Company, The, assignee: *See*—
Youtz, Merrill A.

Draeger, Lloyd H., assignor to The T. L. Smith Company, Milwaukee, Wis. Water injection system for truck type concrete mixers. 2,413,488; Dec. 31.

Draffin, Arthur R., Camberwell, Melbourne, Victoria, Australia. Electric water heater of the storage type. 2,413,611; Dec. 31.

Drake, Alden M., assignor to Niles-Bement-Pond Company, West Hartford, Conn. Cylindrical surface lapping machine. 2,399,477; Apr. 30.

Drake, Alden M., assignor to Niles-Bement-Pond Company, West Hartford, Conn. Work holder for gauge lapping machines. 2,405,346; Aug. 6.

Drake, Alden M., assignor to Niles-Bement-Pond Company, West Hartford, Conn. Gauge lapping machine. 2,409,113; Oct. 8.

Drake, Alden M., assignor to Niles-Bement-Pond Company, West Hartford, Conn. Adjusting device for lapping tools. 2,412,721; Dec. 17.

Drake, Claud E., Brentwood, Mo. Indexing apparatus. 2,396,495; Mar. 12.

Drake, Claud E., Brentwood, Mo. Machine for sharpening circular saws, milling-cutters, and the like. 2,410,274; Oct. 29.

Drake, Earl D., assignor to Gibson Refrigerator Company, Greenvile, Mich. Refrigerator cabinet. 2,403,588; July 9.

Drake, George F., assignor to Woodward Governor Company, Rockford, Ill. Speed adjusting mechanism. 2,412,605; Dec. 17.

Drake, George F., assignor to Woodward Governor Company, Rockford, Ill. Pitch control mechanism. 2,413,439; Dec. 31.

Drake, Harcourt C., Hempstead, N. Y., assignor to Sperry Products, Inc., Hoboken, N. J. Shell banding tester. 2,401,917; June 11.

Drake, Harcourt C., Hempstead, N. Y., assignor to Sperry Products, Inc., Hoboken, N. J. Rail flaw detector mechanism. 2,409,553; Oct. 15.

Drake, Harcourt C., Hampstead, N. Y., assignor to Sperry Products, Inc., Hoboken, N. J. Flaw detector for tubing. 2,409,554; Oct. 15.

Drake, John C., assignor to Myles Salt Company, Limited, New Orleans, La. Salt dissolving apparatus. 2,395,258; Feb. 19.

Drake, John L., and G. B. Watkins, assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Laminated glass structure. 2,398,886; Apr. 23.

Drake, Lewis R.: *See*—
Hooker, George W., Drake, and Stowe.

Drake, Percy B., Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Switching mechanism. 2,410,432; Nov. 5.

Drake, Russell P., Caledonia, assignor to Barber-Colman Company, Rockford, Ill. Pattern control mechanism for warp drawing in machines. 2,400,342; May 14.

Drake, Ward A., Cleveland, Ohio. Exercising apparatus. 2,399,915; May 7.

Drake, Winfred E., deceased, J. H. McNally, administrator, assignor of fifty one-hundreds to G. F. McGlocklin, Bonners Ferry, Idaho. Wrench. 2,397,729; Apr. 2.

Draper Corporation, assignee: *See*—
Brown, Carl D.
Hamilton, Wallace.
Villani, Antonio.

Draviner, Adolphe O., Glendale, Calif. Spray head. 2,402,741; June 25.

Dravo Corporation, assignee: *See*—
Morow, Joseph L.
O'Laughlin, Patrick M.

Draxler, John A., Cleveland Heights, assignor to The Elwell-Parker Electric Company, Cleveland, Ohio. Terminal block for motors and the like. 2,403,642; July 9.

Drayer & Hanson, Incorporated, assignee: *See*—
Clancy, Gilbert E.

Drechsler, Herman F., and C. W. Eisenheimer, assignors, by mesne assignments, to Manning, Bowman & Co., Meriden, Conn. Electric cooker. 2,397,478; Apr. 2.

Dreher, Herman W.: *See*—
Garfield, Frederick M., and Dreher.

Dreisbach, Blair: *See*—
De Long, George H., and Dreisbach.

Dreisbach, Robert R., assignor to The Dow Chemical Company, Midland, Mich. Production of synthetic rubbers. 2,394,756; Feb. 12.

Dreisbach, Robert R., assignor to The Dow Chemical Company, Midland, Mich. Polymeric products and preparation of same. 2,398,736; Apr. 16.

Dreisbach, Robert R., E. C. Britton, and W. J. Le Fevre, assignors to The Dow Chemical Company, Midland, Mich. Tacky rubberlike compositions and making the same. 2,407,953; Sept. 17.

Dreisbach, Robert R., and F. W. Fletcher, assignors to The Dow Chemical Company, Midland, Mich. Parasiticidal compositions. 2,411,530; Nov. 26.

Drennan, Harry E.: *See*—
Hillyer, John C., and Drennan.

Drennan, Harry E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Separating mercaptans. 2,408,920; Oct. 8.

Dreshfield, Arthur C., assignor to Hercules Powder Company, Wilmington, Del. Sizing compositions. 2,398,699; Apr. 16.

Dreshfield, Arthur C., assignor to Hercules Powder Company, Wilmington, Del. Dry rosin size and making the same. 2,410,433; Nov. 5.

Dresser, George L., Albany, N. Y. Method of and apparatus for introducing grout into subsoil. 2,403,643; July 9.

Dresser, Willis R.: *See*—
Waller, Fred, and Dresser.
Waller, Fred, Dresser, and Baker.

Dressler, Russell G., Middle River, Md., R. E. Vivian, Los Angeles, Calif., and T. Hasselstrom, Savannah, Ga. Preparation of valuable substances from talloel. 2,396,646; Mar. 19.

Drew, Charles R., trustee: *See*—
Goland, Philip P., and Drew.

Drew, E. F., & Co., Inc.: *See*—
Barsky, George.

Drew, Richard G., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Adhesive and adhesive sheet. 2,410,053; Oct. 29.

Drewitt, James G. N.: *See*—
Dreyfus, Henry, Bryans, and Drewitt.
Lincoln, James, and Drewitt.

Drexler, Charles, and R. H. Morgan, Indianapolis, Ind., assignors to Dr. R. R. Freund, Mount Carmel, Ill. Power control for articulated beds. 2,397,092; Mar. 26.

Dreyer, John F., Cincinnati, Ohio. Optical device and method and manufacture thereof. 2,400,877; May 28.

Dreyfus, Camille, New York, N. Y. Oxidation process. 2,392,316; Jan. 8.

Dreyfus, Camille, New York, N. Y. Coated fabric. 2,393,302; Jan. 22.

Dreyfus, Camille, New York, N. Y. Screening material. 2,407,632; Sept. 17.

Dreyfus, Camille, New York, N. Y., and B. Andersen, Maplewood, N. J., assignors to Celanese Corporation of America. Coating composition. 2,397,093; Mar. 26.

Dreyfus, Georges, Montauban, France; vested in the Alien Property Custodian. Parachute. 2,394,295; Feb. 5.

Dreyfus, Henry, deceased, London, England; C. Bonard, administrator. Production of polymeric compounds. 2,392,131; Jan. 1.

Dreyfus, Henry, deceased, London, England; C. Bonard, administrator. Production of polymeric compounds. 2,392,132; Jan. 1.

Dreyfus, Henry, deceased, London, England, Claude Bonard, administrator. Improvements in exothermic chemical reactions. 2,393,240; Jan. 22.

Dreyfus, Henry, deceased, London, England, C. Bonard, administrator. Treatment of cellulosic materials. 2,394,537; Feb. 12.

Dreyfus, Henry, deceased, London, England; C. Bonard, administrator of said H. Dreyfus. Manufacture of cellulose. 2,394,989; Feb. 19.

Dreyfus, Henry, deceased, London, England; C. Bonard, administrator. Cracking hydrocarbons in the presence of a diluent gas. 2,413,407; Dec. 31.

Dreyfus, Henry, London, England, assignor to Celanese Corporation of America. Manufacture of coloring matters. 2,402,538; June 25.

Dreyfus, Henry, deceased; C. Bonard, administrator, F. Bryant, and J. G. N. Drewitt, London, England. Conversion of di-b-alkenyl ethers to alkadienes and alkali metal alkenylates. 2,405,347; Aug. 6.

Dreyfus, Henry, deceased, and W. Walker, London, and J. L. Rooney, Spondon, near Derby; said Walker, and said Rooney assignors to British Celanese Limited, London, England; C. Bonard, administrator. Constructional material. 2,400,078; May 14.

Dreyling, Alfred, South River, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Insect repellent composition. 2,404,698; July 23.

Drieschman, Donald F., San Carlos, G. Shepherd, Burlingame, M. Rabinowitz, San Francisco, A. M. Newhall, Jr., Palo Alto, and H. E. Sorg, Redwood City, assignors to Eitel-McCullough Inc., San Bruno, Calif. Grid making machine. 2,411,988; Dec. 3.

Drink-O-Matic Co., assignee: *See*—
Goldberg, Joseph H.

Drinnon, James W., Eatonville, Wash. Weighing machine control. 2,398,887; Apr. 23.

Driscoll, Alice D., Knoxville, Tenn. Cuticle remover. 2,392,907; Jan. 15.

Drissner, Alfred E., assignor to The National Acme Company, Cleveland, Ohio. Alternating cutoff chucking machine. 2,402,990; July 2.

Dritz, Lawrence L., Lawrence, N. Y. Pocket lighter. 2,403,589; July 9.

Driver-Harris Company, assignee: *See*—
German, Howard M.

Droel, Louis W., Oak Park, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Retarded relay. 2,407,633; Sept. 17.

Dromgold, Jack K., assignee, et al.: *See*—
Engeljohn, Alvin F.

Droll, Joseph W., Wilmette, Ill. Electrode joint. 2,412,081; Dec. 3.

Drueke, William F., Grand Rapids, Mich. Game apparatus. 2,395,174; Feb. 19.

Drugmand, Lester D.: *See*—
Cox, Irvin W., and Drugmand.

Druhot, Joseph J., Fort Wayne, Ind. Bottle carrier. 2,404,625; July 23.

Drummond, Andrew, St. George, Staten Island, assignor to Lehigh Valley Coal Sales Company, New York, N. Y. Boiler. 2,406,673; Aug. 27.

Drummond, John V., Washington, D. C. Composition or admixture for concrete and incorporating it therein 2,393,597; Jan. 29.

Drummond, Joseph E.: *See*—
Smith, Joseph E., and Drummond.

Drummond, Robert S., Detroit, Mich., assignor to National Broach & Machine Company. Gear finishing machine. 2,394,757; Feb. 12.

Dryden, Charles E., East Orange, and L. O. Buxton, Newark, assignors to National Oil Products Company, Harrison, N. J. Production of fat-soluble vitamin ester concentrates. 2,404,365; July 23.

Drying & Concentrating Company, assignee: *See*—
Hall, Joseph M.

Drying Systems, Inc., assignee: *See*—
Richardson, Donald E., and Yates.

Drzewiecki, Edward R., Chicago, Ill. Open-mearth furnace. 2,402,152; June 18.

Duane, James J., assignee: *See*—
Thomas, Albert.

Duarte, Joseph R., Honolulu, Hawaii. Safety tongs. 2,411,319; Nov. 19.

Dubay, William A., Cleveland, Ohio. Game. 2,413,550; Dec. 31.

Dubbe, Paul E., Los Angeles, Calif. Garment hanger. 2,412,606; Dec. 17.

Dube, John E., Clayton, assignor to Alco Valve Company, Maplewood, Mo. Pressure regulator valve. 2,401,144; May 28.

Dubeau, Archie L. *See*—
Vincent, George P., and Dubeau.

Dubick, Michael, assignor to The Englander Company, Inc., Chicago, Ill. Mattress. 2,408,382; Oct. 1.

Dubie, Orville L., Toccoa, Ga., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Work straightening press. 2,396,496; Mar. 12.

Dubilier, William, New Rochelle, N. Y., assignor to Cornell-Dubilier Electric Corporation, South Plainfield, N. J. Electrical capacitor. 2,398,417; Apr. 16.

Dubitsky, Jack: *See*—
Schutz, Nathan R., and Dubitsky.

Du Bois, George B., Radburn, N. J., B. L. Madden, Ithaca, N. Y., and F. C. Meyer, Wyckoff, N. J., assignors to Wright Aeronautical Corporation. Fin vibration damping means. 2,396,363; Mar. 12.

Du Bois, Joseph E., assignor of one-fifth to V. I. Du Bois, Detroit, Mich., one-fifth to L. T. Holzworth, North Tonawanda, one-fifth to R. C. Sterne, one-fifth to E. Silbert, and one-fifth to F. E. Taylor, Buffalo, N. Y. Eyeshield. 2,406,998; Sept. 3.

Du Bois, Virginia I., assignee, et al.: *See*—
Du Bois, Joseph E.

Du Bois, William H., assignor to Bendix Aviation Corporation. South Bend, Ind. Regulating valve. 2,402,317; June 18.

Duboscind, Paul P. M., Buffalo, N. Y. Forming roll. 2,410,603; Nov. 5.

Du Bose, George P., assignee, et al.: *See*—
Gordon, George C., and Blackwelder.

Dubsky, Arthur, Jackson Heights, N. Y. Combined pipe case and tobacco pouch. 2,396,364; Mar. 12.

Ducey, Roger H., Belmont, assignor to National License Plate Corporation, Boston, Mass. License plate. 2,400,079; May 14.

Ducker, Andrew J., Petaluma, Calif. Tool lifting and lowering device. 2,413,299; Dec. 31.

Duda, Wentzel R., Mount Lebanon, Pa. Roll lathe. 2,413,489; Dec. 31.

Duddy, Joseph C., assignor to The Electric Storage Battery Company, Philadelphia, Pa. Battery container and making same. 2,404,126; July 16.

Dudley, Adolphus M.: *See*—
Curry, Herman H., and Dudley.

Dudley, Hawley A., assignee: *See*—
Knowles, Frank W., and Dudley.

Dudley, James R., Cos Cob, Conn., assignor to American Cyanamid Company, New York, N. Y. Cation exchange resins and production thereof. 2,408,615; Oct. 1.

Duer, Bayard G.: *See*—
Edwards, Beryl A., and Duer.

Duer, John Van B., Narberth, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Towing system for aircraft. 2,400,400; May 14.

Duerkob, Manfred F., St. Louis, Mo., assignor to McGraw Electric Company, Elgin, Ill. Protector for electric circuits. 2,400,491; May 21.

Duerr, Herman H., and H. W. Morreall, Jr., Binghamton, assignors to General Aniline & Film Corporation, New York, N. Y. Multilayer reversal colorfilm and processing the same. 2,393,027; Jan. 15.

Duesel, Bernard F.: *See*—
Tisza, Edmond T., and Duesel.

Dufault, Homer D., Easthampton, assignor to Heatbath Corporation, Indian Orchard, Mass. Reinforced gas burner. 2,409,421; Oct. 15.

Duffy, Charles H., Miami, Fla. Masking attachment for photographic cameras. 2,404,366; July 23.

Duffy, Thomas L., Kearny, N. J. Supporting surface for toy railroad systems and similar amusement devices. 2,401,468; June 4.

Dufour, Maurice F.: *See*—
Hills, Robert C., and Dufour.

Dugas, Joseph J., assignor to Higgins Industries, Inc., New Orleans, La. Fuel heating system for internal-combustion engine. 2,401,862; June 11.

Duggan, James E., Birmingham, Mich. Mask structure. 2,401,415; June 4.

Dugger, Dale A., Chicago, Ill. Taper gauge. 2,412,569; Dec. 17.

Duguid, Robert J., Aberdeen, Scotland. Apparatus for processing photographic films. 2,405,645; Aug. 13.

Duke, James B.: *See*—
Cole, Allen T., Duke, and McMurray.

Duke, Crawford R., Chicago, Ill. Rerailer. 2,395,175; Feb. 19.

Duke, Paul W., U. S. Navy. Film magazine. 2,405,195; Aug. 6.

Dumais, Charles J., Woonsocket, R. I. Armor. 2,410,022; Oct. 29.

Dumbleton, Ruth R., Madison, Wis. Shell cane. 2,392,083; Jan. 1.

Du Mont, Allen B., Laboratories, Inc., assignee: *See*—
Atwood, Horace, Jr.
Beste, Harold E.
Christaldi, Peter S.
Koch, Stanley J.
Mann, Estle R.
Petry, Charles B.

Du Nah, George W., Pasadena, Calif. Garment finisher. 2,410,485; Nov. 5.

Dunajeff, Leonid A., Havre de Grace, Md. Synchronized motor control. 2,412,676; Dec. 17.

Dunand, Burta C., San Anselmo, Calif. Cosmetic appliance. 2,399,335; Apr. 30.

Duncan, Donald M., and F. S. Wright, Alton, A. S. Jackson, Wood River, and C. A. Heyne, Alton, Ill., assignors to Owens-Illinois Glass Company. Drier. 2,393,521; Jan. 22.

Duncan Electric Manufacturing Company, assignee: *See*—
Green, Stanley S.

Duncan, Gordon W.: *See*—
Wasson, Jones I., and Duncan.

Duncan, Gordon W., Scotch Plains, N. J., assignor to Standard Oil Development Company. Slushing composition. 2,408,971; Oct. 8.

Duncan, Hershel B., Detroit, Mich., assignor to Carboloy Company, Inc. Profile grinding machine. 2,394,671; Feb. 12.

Duncan, Lyle L.: *See*—
Culver, Merlyn M., and Duncan.

Duncan, Neil B.: *See*—
Luce, Charles C., and Duncan.

Dunham, George S., Merion, Pa., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Conversion of hydrocarbon oils. 2,393,028; Jan. 15.

Dunham, Henry V., Bainbridge, assignor to The Borden Company, New York, N. Y. Paper coating. 2,411,989; Dec. 3.

Dunham, Joseph E., Charleston, S. C. Ophthalmic mounting. 2,398,137; Apr. 9.

Dunham, Walter A., United States Army. Suction pump. 2,402,991; July 2.

Dunkelberger, Milton S., assignor to The American Display Company, Dayton, Ohio. Spraying device. 2,394,598; Feb. 12.

Dunkle, Heber H., Raritan Township, Middlesex County, assignor to Goetze Gasket & Packing Co., Inc., New Brunswick, N. J. Gasket. 2,397,597; Apr. 2.

Dunlap, Charles W.: *See*—
Anderson, John E., and Dunlap.

Dunlap, John B.: *See*—
Hurley, Paul E., and Dunlap.

Dunlap, Wayman B., Jr., Houston, Tex. Underreamer. 2,397,652; Apr. 2.
Dunleavy, William E., Belleville, N. J. Wall cabinet for storing toothbrushes. 2,401,058; May 28.
Dunlop, Andrew P., Riverside, assignor to The Quaker Oats Company, Chicago, Ill. Manufacturing furoic acid and furoic acid salts. 2,407,066; Sept. 3.
Dunlop, James, Ridgewood, N. J., assignor, by mesne assignments, to Westinghouse Electric Corporation, East Pittsburgh, Pa. Elevator. 2,408,757; Oct. 8.
Dunlop, James, Ridgewood, N. J., assignor, by mesne assignments, to Westinghouse Electric Corporation, East Pittsburgh, Pa. Safety apparatus for elevators. 2,408,758; Oct. 8.
Dunlop, James, Ridgewood, N. J., assignor, by mesne assignments, to Westinghouse Electric Corporation, East Pittsburgh, Pa. Deck-edge elevator. 2,408,759; Oct. 8.
Dunlop, James, Ridgewood, N. J., assignor, by mesne assignments, to Westinghouse Electric Corporation, East Pittsburgh, Pa. Elevator. 2,408,760; Oct. 8.
Dunlop, James, Ridgewood, N. J., assignor, by mesne assignments, to Westinghouse Electric Corporation, East Pittsburgh, Pa. Elevator control system. 2,409,198; Oct. 15.
Dunlop, James, Ridgewood, N. J., assignor, by mesne assignments, to Westinghouse Electric Corporation, East Pittsburgh, Pa. Elevator control system. 2,409,199; Oct. 15.
Dunlop, James, Ridgewood, N. J., and H. E. Hansen, Westerligh, Staten Island, N. Y., assignors, by mesne assignments, to Westinghouse Electric Corporation, East Pittsburgh, Pa. Safety device for elevators. 2,408,761; Oct. 8.
Dunlop, James, Ridgewood, and L. R. Rissler, Hohokus, N. J., assignors, by mesne assignments, to Westinghouse Electric Corporation, East Pittsburgh, Pa. Locking apparatus for elevator platforms. 2,408,762; Oct. 8.
Dunlop, James, Ridgewood, and L. R. Rissler, Hohokus, N. J., assignors, by mesne assignments, to Westinghouse Electric Corporation, East Pittsburgh, Pa. Elevator. 2,408,763; Oct. 8.
Dunlop Rubber Company Limited, assignee: *See*—
Butler, Henry J.
Norcross, Thomas.
Peare, William G. M., and Yoxon.
Petter, William E. W., Widgery, and Richards.
Powell, Ernest F., and Badham.
Trevaskis, Henry.
Trevaskis, Henry W.
Dunlop Tire and Rubber Corporation, assignee: *See*—
Lord, Wilfrid, and Riding.
McChesney, Cuyler S.
Dunmire, Russell P., Shaker Heights, assignor, by mesne assignments, to Buckeye Laboratories Corporation, Cleveland, Ohio. Treatment of vegetable fatty substances. 2,401,338; June 4.
Dunmire, Russell P., Shaker Heights, assignor, by mesne assignments, to Buckeye Laboratories Corporation, Cleveland, Ohio. Treatment of oils and waxes. 2,401,339; June 4.
Dunmire, Russell P., Chagrin Falls, Ohio, assignor, by mesne assignments, to Buckeye Laboratories Corporation. Treatment of compounded oils. 2,401,341; June 4.
Dunmire, Russell P., and J. A. Camelford, assignors, by mesne assignments, to Buckeye Laboratories Corporation, Cleveland, Ohio. Treating rolling oils. 2,401,340; June 4.
Dunn, Albert, and O. C. Eiland, Mount Rainier, Md. Tie rack. 2,411,320; Nov. 19.
Dunn, Allen L., Los Angeles, Calif., assignor to Thompson Products, Inc., Cleveland, Ohio. Valve seat grinder. 2,400,983; May 28.
Dunn, Charles G., Fort Leavenworth, Kans., and W. J. Tellington, West Point, N. Y. Position tracking, transmitting, and recording. 2,413,300; Dec. 31.
Dunn, George E., Detroit, assignor to Universal Products Company, Incorporated, Dearborn, Mich. Constant velocity joint. 2,395,962; Mar. 5.
Dunn, Jerry J., Ellwood City, Pa., assignor to National Tube Company. Gauge. 2,400,293; May 14.
Dunn, Jerry J., Ellwood City, Pa., assignor to National Tube Company. Making tubing. 2,402,383; June 18.
Dunn, Roland H.: *See*—
McWhirter, Eric M. S., and Dunn.
Dunn, Stephen M., Los Angeles, Calif. Inserting bolts into concrete. 2,400,878; May 28.
Dunn, William C.: *See*—
Denneen, Francis S., and Dunn.
Dunn, William G., Clarinda, Iowa. Imitation firing mechanism for training arms. 2,406,493; Aug. 27.
Dunne, John P., Seneca Falls, N. Y. Rotary valve and lubricating mechanism. 2,412,448; Dec. 10.
Dunnebeck, Robert E., assignor to The Parker Appliance Company, Cleveland, Ohio. Piston and cylinder assembly. 2,412,975; Dec. 24.
Dunning, John E. P.: *See*—
Clothier, William C., Naylor, and Dunning.
Dunning, Robert M.: *See*—
Guyer, Reynolds, and Dunning.
Duplex Printing Press Company, The, assignee: *See*—
Galen, Clarence W.
Du Pont, E. I., de Nemours & Company, assignee: *See*—
Alderson, Witty L., Jr.
Alfthan, Johannes.
Alfthan, Johannes, and Chynoweth.
Alvarado, Alfonso M.
Alvarado, Alfonso M., Lazier, and Werntz.
Arnold, Harold W.
Arnold, Harold W., Brubaker, and Dorough.
Arnold, Herrick R.
Bacon, Osborne C.
Balassa, Ladislaus, and McGlone.
Ballard, Kermit H.
Barrick, Paul L.
Bartlett, Edward P.
Batchelder, George W.
Batchelder, George W., Nagle, Vyverberg, and Willis.
Bechtold, Max F.
Bechtold, Max F., and Pinkney.
Belcher, Clarence F.
Bell, Robert S., and Davenport.
Bellezza, James, Jr.
Benning, Anthony F., and Markwood.
Benning, Anthony F., and Park.
Berry, Kenneth L.
Berry, Kenneth L., and Downing.
Berry, Kenneth L., and Hill.
Bertoiette, William de B., and Parmelee.
Blackburn, Newell F.
Blake, Ralph K., and Baldsiefen.
Blyler, Lee L.
Bolton, Elmer K.
Bousquet, Euclid W.
Bousquet, Euclid W., and Guy.
Bradshaw, George B., and Meuly.
Brant, Gilbert W.
Bricker, Burton C.
Browning, Harry.
Brubaker, Merlin M.
Brubaker, Merlin M., and Hanford.
Burke, William J.
Burrows, Lawton A.
Burrows, Lawton A., and Lawson.
Burrows, Lawton A., and Noddin.
Cairns, Theodore Le S.
Calcott, William S., Holbrook, and Turnbull.
Calcott, William S., and Starkweather.
Cass, Oliver W.
Castner, James B., and Nagle.
Cavanaugh, Robert M.
Chambers, Francis S., Jr., and Gartside.
Charch, William H.
Christ, Robert E.
Clarkson, Richard G.
Clevenger, Clarence M., and Steele.
Cline, Edward T.
Coffman, Donald D.
Coffman, Donald D., and McGrew.
Coffman, Donald D., and Salisbury.
Conaway, Rollin F.
Coolidge, Cole.
Cooper, Charles M.
Cooper, Edward B., and Macht.
Cosler, Valle A.
Cramer, Francis B.
Cupery, Martin E.
Davis, Clyde O.
Davis, Clyde O., and Burrows.
Deinet, Joseph, and Gottlieb.
Detrick, Stanley R., and Hamilton.
Deyrup, A. J.
Deyrup, Alden J.
Dietrich, Melvin A., and Joyce.
Dietrich, Melvin A., and Pedersen.
Dillon, Thomas E.
Dinwiddie, Joseph G.
Dittmar, Harry R.
Doell, Howard J.
Dorough, George L.
Downing, F. B., and Linch.
Dreyling, Alfred.
Edgar, Donald E., and Sullivan.
Ellingboe, Ellsworth K.
Engelmann, Max.
Ernsberger, Maurice L., and Gregory.
Etzel, Gastao, and Dillon.
Flenner, Albert L., and Searle.
Farlow, Mark W.
Farlow, Mark W., and Lazier.
Farlow, Mark W., and Signaigo.
Fernald, Herbert B., and Iler.
Fielitz, Frederick J.
Finzel, Theron G.
Flenner, Albert L., and Littler.
Ford, Thomas A.
Fos, Arthur L.
Foster, Harlan.
Fothergill, Robert E., Hill, and Johnson.
Foulger, John H., and Smith.
Freed, William V.
Gilbert, Harvey N.
Glogau, Richard C.
Goddin, Avery H., and Searle.
Goldrick, Richard M., and Marks.

Du Pont, E. I., de Nemours & Company, assignee: *See*—Continued
Gray, Allen G.
Green, Howard D., and Hendrixson.
Green, Howard D., and Taylor.
Gresham, William F.
Gresham, William F., and Brooks.
Gresham, William F., and Bruner.
Gresham, William F., and Schweitzer.
Gribbins, Myers F., Miller, and O'Leary.
Gubelmann, Ivan.
Hallowell, Alban T., and Valla.
Hamblet, Clement H.
Hamill, William H., and Vogt.
Hanford, William E.
Hanford, William E., and Rigby.
Hanford, William E., and Roland.
Hanford, William E., Kirby, and Woodward.
Hansley, Virgil L.
Hardy, Vernal R., and Haefele.
Harmon, Jesse.
Harmon, Jesse, and Joyce.
Harris, Charles R.
Heckert, Winfield W.
Hershberger, Albert.
Hill, Julian W.
Hill, Julian W., Lindsey, and Wiley.
Hitt, Otha A.
Hoffman, Robert M.
Hoffman, William A.
Hoffman, William A., and Mortenson.
Holt, Harold S.
Houts, Ray C.
Howk, Benjamin W.
Howk, Benjamin W., Roland, and Hoehn.
Hunt, Madison.
Hunter, Archibald S.
Hurt, David M., Stafford, and Tauch.
Huston, Frederick P., Burrows, and Lawson.
Iler, Ralph K.
Iler, Ralph K., and Kirk.
Iler, Ralph K., Latham, and Robinson.
Jennings, Alfred J.
Jennings, Andrew B.
Jennings, Andrew B., Murray, and White.
Johnson, Aaron D.
Johnson, Charles R.
Johnson, Charles W.
Johnson, Frank W.
Johnston, Frederick L.
Joyce, Robert M., Jr.
Keats, John L.
Kertesz, Francois.
Kirk, Joseph S.
Klein, David X.
Knapp, Paul.
Krase, Norman W., and Lawrence.
Krister, Charles J., Sedusky, and Thompson.
Kvalnes, Donovan E., and Woodward.
Kvalnes, Hamline M.
Lacy, Burritt S., Bond, and Hinegardner.
Lang, Joseph W., and Detrick.
Langkammerer, Carl M.
Larchar, Arthur W.
Larson, Alfred T.
Larson, Alfred T., and Krase.
Latham, George H.
Lawson, Walter E.
Lazier, Wilbur A., and Signaigo.
Lazier, Wilbur A., Signaigo, and Werntz.
Lazier, Wilbur A., Signaigo, and Wise.
Leach, Lloyd L.
Lee, Henry R., Deinet, and Gottlieb.
Lee, Henry R., and Howell.
Leekley, Robert M.
Leonard, James W.
Lewis, Ernest E.
Linch, Adrian L.
Loder, Donald J.
Loder, Donald J., and Bruner.
Loder, Donald J., and Gresham.
Lubs, Herbert A.
Lufkin, James E.
Lyon, Robert C.
Macht, Maurice L., and Renfrew.
Mahlberg, Elroy F.
Major, John, and Thomas.
Martin, Elmore L.
McAdam, Robert M.
McAlevy, Ambrose.
McCleary, Ray L.
McClellan, William R.
McGrew, Frank C.
McQueen, David M.
Merner, Richard R.
Meuly, Walter C., Rosenberg, and Terry.
Mighton, Charles J.
Millhiser, Frederick R.
Mitchel, Frederick C., Lawrence, and Stecher.
Mitchell, James A.
Mortenson, Carl W.
Myers, Clovis D.
Neal, Arthur M., and Sturgis.
Nebel, Richard W.
Nerlinger, Ludwig F.
Nowlen, James P., and Torrence.
O'Leary, Daniel K.
Palmer, Fred S., and Gross.
Parmelee, Alfred E.
Pavlic, Albert A.
Pease, Donald C.
Pedersen, Charles J., and Bender.
Peppel, William J.
Peppel, William J., and Signaigo.
Perkins, Melvin A., and Irwin.
Perkins, Melvin A., and Johnson.
Peters, Franklin T.
Peterson, Merlin D.
Peterson, Merlin D., and Weber.
Peterson, Wesley R.
Piki, Josef.
Pollock, Frank S., Jr.
Potter, Rowland S.
Potter, Rowland S., and Brown.
Prichard, William W.
Quinn, Joseph L.
Reynolds, William B., and Rossander.
Richter, Henry J.
Richter, Henry J., and Rothrock.
Rigby, George W., and Schroeder.
Robinson, John W., Jr.
Rodman, Ernest A.
Roedel, Milton J.
Rogers, Arthur O.
Roland, John R.
Roland, John R., Jr.
Rollinson, Carl L.
Rosenberg, Hans R., and Terry.
Rothrock, Henry S.
Rothrock, Henry S., and Wood.
Rumsey, Joseph B.
Salzberg, Paul L.
Saum, Arthur M.
Schmidt, Edgar H.
Schmitz, William R., Jr.
Schweikher, Ernest W.
Schweitzer, Carl E.
Scott, Samuel L.
Scott, William E.
Searle, Norman E.
Sease, Virgil B., and Woodward.
Sharkey, William H.
Sharkey, William H., Cadot, and Clark.
Signaigo, Frank K.
Signaigo, Frank K., and Peppel.
Sloan, Clifford K., and Patterson.
Smith, Albert F.
Smith, Joseph E.
Smith, Joseph E., and Drummond.
Smith, Joseph E., and Mitchell.
Sonnichsen, Harold M., and Gager.
Squires, Lombard.
Stamatoff, Gelu S.
Steele, Sydney.
Stevenson, Halsey B.
Strain, Daniel E.
Sullivan, David J.
Tanner, Herbert G.
Tauch, Ernest J.
Theobald, Clement W.
Thomas, Raymond E.
Tisdale, Wendell H., and Williams.
Turnbull, Stockton G., Jr.
Underwood, William F.
Verbanc, John J.
Vinal, Leroy W.
Vincent, John R.
Vyverberg, John C., Jr.
Waddell, James, and Woessner.
Wagner, Frederick C.
Wahl, Milton H.
Walker, Joseph F.
Watson, Frederick K.
Webb, David L.
Weber, Arthur G., and Hamblet.
Weinmayr, Viktor.
Werntz, James H.
White, Clayton F. A.
White, Jesse O.
Whitman, Gerald M.
Wiest, Emil G.
Wilder, Frank N.
Wilson, Cyril D.
Wirth, Walter V.
Woodhouse, John C., and Bell.
Woodward, David W.
Woodward, Harold E.
Yates, Edward S., and Gager.
Young, Howard S.
Du Pont, Hubert I.: *See*—
Rostler, Fritz S., Sternberg, and du Pont.
Rostler, Fritz S., Wilson, and du Pont.
Du Pont, Richard C., Granogue, assignor to All American Aviation, Inc., Wilmington, Del. Apparatus for picking up articles by aircraft in flight. 2,402,879; June 25.

Du Pont, Richard C., Granogue, assignor to All American Aviation, Inc., Wilmington, Del. Shock absorbing aerial towline. 2,407,634; Sept. 17.

Du Pont, Stephen, Wilbraham, assignor to Indian Motorcycle Company, Springfield, Mass. Resilient mounting for handle bars. 2,396,041; Mar. 5.

Du Pont, Stephen, Wilbraham, assignor to Indian Motocycle Company, Springfield, Mass. Spring suspension for saddles. 2,398,211; Apr. 9.

Du Pont, Stephen, Wilbraham, assignor to Indian Motocycle Company, Springfield, Mass. Suspension unit for vehicle wheels. 2,408,254; Sept. 24.

Dupuy, Charles F. J., Mahwah, N. J., assignor to O-Cedar Corp'n, Chicago, Ill. Air treating apparatus. 2,405,494; Aug. 6.

Dupuy, Charles F. J., Mahwah, N. J., assignor to O-Cedar Corporation, Chicago, Ill. Vaporizing device. 2,412,326; Dec. 10.

Durametallic Corporation, assignee: *See*—
Morgan, Ralph E., and Curry.

Durand & Huguenin A. G., assignee: *See*—
de Niederhäusern, Georges.

Durand, Oscar J., Hall, Mont. Sweep rake. 2,403,351; July 2.

Durant, Albert A., Honolulu, Hawaii. Insulated pipe. 2,405,021; July 30.

Durant, Walter W., Old Greenwich, and W. A. Blann, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Water purification. 2,404,367; July 23.

Durdin, Augustus C., Jr., assignee: *See*—
Durdin, Augustus C., III.

Durdin, Augustus C., III, Skokie, Ill., assignor of twenty-four per cent to L. H. Durdin, Franklin, Pa., and fifty-two per cent to A. C. Durdin, Jr. Method of and apparatus for treating sewage. 2,404,223; July 16.

Durdin, Lewis H., assignee: *See*—
Durdin, Augustus C., III.

Durfee, Benjamin M.: *See*—
Lake, Clair D., Hamilton, and Durfee.

Durgin, Charles B., Anniston, Ala., assignor to Monsanto Chemical Company. Inhibiting the rusting of steel sheet and product obtained thereby. 2,398,212; Apr. 9.

Durgin, Franklin W., Washington, D. C. Continuous range finder. 2,406,999; Sept. 3.

Durinski, Arthur M.: *See*—
Schmerling, Louis, and Durinski.

Duriron Company, Inc., The, assignee: *See*—
Jack, Delbert E., and Augsburger.
Jacobsen, Oystein.

Durite Plastics, Incorporated, assignee: *See*—
Novotny, Emil E., and Vogelsang.
Novotny, Emil E., Vogelsang, and Novotny.

Durland, John R., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Inhibiting polymerization of vinyl compounds. 2,402,806; June 25.

Durland, John R., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Manufacture of carbamide derivatives. 2,410,407; Nov. 5.

Durland, John R., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Stabilization of vinyl compounds. 2,410,408; Nov. 5.

Duro Metal Products Company, assignee: *See*—
Odlum, William H., and Paine.

Duro-Test Corporation, assignee: *See*—
Cox, James L., and Trutner.

Durrett, James J., Watertown, N. Y., assignor to The New York Air Brake Company. Adjusting device for control valves. 2,404,831; July 30.

Durrin, Monte K., Little Rock, Ark. Hand loom. 2,409,743; Oct. 22.

Durrum, Emmett L., Palo Alto, assignor to Shell Development Company, San Francisco, Calif. Separating aromatic hydrocarbons. 2,407,820; Sept. 17.

Duschinsky, Robert, Essex Fells, assignor to Hoffmann-La Roche, Inc., Roche Park, Nutley, N. J. Compounds of the imidazolidone series and making them. 2,397,250; Mar. 26.

Dusenbury, Millard R., assignor to Hercules Powder Company, Wilmington, Del. Ligneous resinous composition and producing. 2,410,205; Oct. 29.

Dustman, Herman U., Miami, Ariz. Support. 2,405,819; Aug. 13.

Dutch Tea Rusk Company, assignee: *See*—
Hekman, Jelle.

Dutcher, Harris A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Production of unsaturated nitriles. 2,404,280; July 16.

Dutson, Keith J. F., Jr., Bayton, and D. A. Smith, Goose Creek, Tex., assignors to Standard Oil Development Company. Reducing thermal decomposition in high temperature accumulators. 2,398,213; Apr. 9.

Dutton, Harry A., Jr., assignee: *See*—
Stadtfeld, Jacob A.
Siebels, William H.

Dutton, Howard B., Des Moines, Iowa. Padlock. 2,407,406; Sept. 10.

Duty, John B., Baguio, Philippine Islands. Gyratory crusher. 2,391,953; Jan. 1.

Du-Wel Steel Products Company, assignee: *See*—
Gibbs, Benedict T.

Dwyer, Frank W., Chicago, Ill. Pressure gauge. 2,411,508; Nov. 26.

Dybvig, Edwin S.: *See*—
Graham, Charles D., and Dybvig.

Dybvig, Edwin S., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,405,411; Aug. 6.

Dye, Glen M., Minneapolis, Minn. Exposure meter for print-making apparatus. 2,399,992; May 7.

Dye, Glen M., R. Sardeson, and R. W. Armstrong, assignors to Pako Corporation, Minneapolis, Minn. Film loading device. 2,401,623; June 4.

Dye, Henry F., Micanopy, Fla. Multiple purpose pocket accessory. 2,401,750; June 11.

Dyer, Charles W., Stratton, Maine. Sprocket drive for motion-picture projectors. 2,406,595; Aug. 27.

Dyer, John B., Syracuse, N. Y., assignor to General Motors Corporation, Dayton, Ohio. Domestic appliance. 2,392,652; Jan. 8.

Dyer, John B., Syracuse, N. Y., assignor to General Motors Corporation, Dayton, Ohio. Driving mechanism for domestic appliances. 2,412,722; Dec. 17.

Dyer, John B., Syracuse, N. Y., assignor to General Motors Corporation, Dayton, Ohio. Domestic appliance. 2,411,960; Dec. 3.

Dyer, John B., assignor to General Motors Corporation, Dayton, Ohio. Domestic appliance. 2,396,164; Mar. 5.

Dyer, Lloyd W., Wilkinsburg, and G. J. Freese, East Mc Keesport, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit breaker. 2,400,984; May 28.

Dyett, James H., assignor to Hard Manufacturing Company, Buffalo, N. Y. Toilet or the like cabinet. 2,406,750; Sept. 3.

Dyett, James H., and B. A. Doty, assignors to Hard Manufacturing Company, Buffalo, N. Y. Bed table unit. 2,393,598; Jan. 29.

Dyke, Charles L., Orange City, Iowa. Low air pressure alarm for pneumatic vehicle tires. 2,400,107; May 14.

Dykeman, Reuben G., assignor to United Aircraft Products, Inc., Dayton, Ohio. Valve mechanism. 2,394,672; Feb. 12.

Dykoski, Walter J., and L. F. Borchardt, Minneapolis, Minn., assignors to General Mills, Inc. Polishing precision surfaces. 2,398,628; Apr. 16.

Dyruff, Harry F.: *See*—
Nelson, William B., Johnsen, Dyruff, and Bell.

Dysart, Birney, Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave stabilizer. 2,391,954; Jan. 1.

Dysart, Birney, Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Automatic line testing and switching circuits. 2,396,990; Mar. 19.

Dyson, Horace R.: *See*—
Barton, Loy E., and Dyson.

Dzama, Michael D., Cleveland, Ohio. Tool mounting. 2,393,314; Jan. 22.

Dzama, Michael D., Cleveland, Ohio. Tool mounting. 2,393,315; Jan. 22.

E. A. Laboratories, Inc., assignee: *See*—
Aufiero, John M.
Meyerhoefer, Carl E.
Unger, Sidney.

E. C. D. Limited, assignee: *See*—
Evans, David J.

E & J Manufacturing Company, assignee: *See*—
Fox, Le Roy O.

E. M. B. Company, Limited assignee: *See*—
Smith, Stanley, and Cockerill.

Eagle, John H.: *See*—
Beggs, Joseph S., McRae, and Eagle.

Eagle Pencil Company, assignee: *See*—
Pischel, Adolph, and Stowe.

Eagle-Picher Company, assignee: *See*—
Holliman, Edward G.
Turbett, Forrest L.

Eakin, Willard D., Akron, Ohio. Disappearing stairway. 2,393,759; Jan. 29.

Eames, Charles, West Los Angeles, Calif., assignor to Evans Products Company, Detroit, Mich. Making laminated articles. 2,395,468; Feb. 26.

Eames, William F., Westfield, N. J., assignor, by mesne assignments, to Westinghouse Electric Corporation, East Pittsburgh, Pa. Moving stairway. 2,408,203; Sept. 24.

Earl, Paul D., Malone, N. Y. Boot construction. 2,394,433; Feb. 5.

Earle, Guyon L. C., Forest Hills, N. Y., assignor to Hugh S. Wertz, as trustee. Refrigerator. 2,400,634; May 21.

Earle, Theodore, Pacific Palisades, Calif. Retting method. 2,407,227; Sept. 10.

Early, Harold C.: *See*—
Dow, William G., Early, and Gomberg.

Early, M. Edward, Rockford, Ill. Lapping and honing machine. 2,408,204; Sept. 24.

Early, Paul F., New Carlisle, assignor to Standard Aircraft Products, Inc., Dayton, Ohio. Electric lamp. 2,404,476; July 23.

Early, Paul F., New Carlisle, Ohio, assignor to Standard-Thomson Corporation. Retaining device. 2,412,804; Dec. 17.

Earp, Charles W., assignor to Standard Telephones and Cables Limited, London, England. Radio beacon. 2,394,157; Feb. 5.

Eason, Clarence M., Waukesha, Wis. Clutch. 2,391,955; Jan. 1.

Eason, Clarence M., Waukesha, Wis. Clutch. 2,408,301; Sept. 24.

Easson, Alexander P. T.: *See*—
Newbery, George, and Easson.

Easter, Donald P.: *See*—
Bludworth, Joseph E., and Easter.

Easterbrooks, Harold A., Providence, R. I. Pillow head cover. 2,412,769; Dec. 17.

Eastern Air Devices, Inc., assignee: *See*—
Hamilton, Hugh G., Pratt, and Skrobisch.

Eastern Malleable Iron Company, The, assignee: *See*—
Hennicke, Carl R.

Eastern Tool and Manufacturing Company, assignee: *See*—
Elwell, George H.

Eastes, John W., Bel Air, Md., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Ion exchange polyamine resins and preparing same. 2,402,384; June 18.

Eastman, Du Bois: *See*—
Atwell, Harold V., and Eastman.
Richker, Charles, and Eastman.

Eastman, du Bois, White Plains, assignor to The Texas Company, New York, N. Y. Refining hydrocarbons. 2,395,806; Mar. 5.

Eastman, Fred C., Marblehead, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Limit stop for gun mounts. 2,391,956; Jan. 1.

Eastman, Ivan L., Sylvania, assignor to The De Vilbiss Company, Toledo, Ohio. Coupling. 2,394,236; Feb. 5.

Eastman Kodak Company, assignee: *See*—
Allen, Charles F. H., and Bell.
Altman, Fred E.
Ballard, Albert E., and Martinson.
Bean, Frederic R.
Beggs, Joseph S., McRae, and Eagle.
Bennett, Harold F.
Boughton, Fred W.
Brant, Joseph H., and Conklin.
Brooker, Leslie G. S., and Cressman.
Brooker, Leslie G. S., and Sprague.
Caldwell, John R.
Carroll, Burt H., and Spence.
Carroll, Clarence W.
Crabtree, John I., and Eaton.
Crumrine, Chester W.
Davey, Edward P., and Selwyn.
Dean, David.
Dearing, Le Roy M.
Dickey, Joseph B., and McNally.
Dickey, Joseph B., Straley, and Stanin.
Dietz, Herbert J.
Egan, John F.
Evans, Ralph M., and Hanson.
Fallesen, George E., and Leermakers.
Fierke, Scheuring S., and Staud.
French, Robert E.
Fuerst, Carl C.
Glassey, Courtney O.
Hagemeyer, Hugh J., Jr.
Harvey, Douglass C.
Hawkins, Edgar M.
Heintz, Albert J.
Holmes, Frederick M. E., and Mihalyi.
Houck, Robert C., Russell, and Sheppard.
Hull, D. C., and Snodgrass.
Hutchison, Miller R., Jr.
Jelley, Edwin E., and Vittum.
Jensen, Edgar C., Scull, and McNally.
Kenyon, William O., and Fowler.
Kenyon, William O., Murray, and Minsk.
Kenyon, William O., and Reynolds.
Kingslake, Rudolf, and Orser.
Knott, Edward B.
Kridel, Donald J.
Luboshez, Benjamin E.
MacNeille, Stephen M.
MacNeille, Stephen M., and Holmes.
MacNeille, Stephen M., and Mihalyi.
Malm, Carl J., and Blanchard.
Malm, Carl J., and Clarke.
Mannes, Leopold D.
Martin, Louis D.
McDonald, Eugene F., Jr., and Emde.
McDowell, Wendell H.
McFarlane, John W., and Andrews.
McRae, Daniel B.
Meyer, Lester W. A., and Gearhart.
Mihalyi, Joseph.
Mihalyi, Joseph, Bing, and Craig.
Mihalyi, Joseph, and MacNeille.
Mihalyi, Joseph, and Tuttle.
Morey, Donald R., and Tichenor.
Murray, Alexander.
Murray, Alexander, and Yule.
Nagel, Hugo, and Crooks.
Porter, Henry D., and Weissberger

Eastman Kodak Company, assignee: *See*—Continued
Reiss, Max.
Russell, Harold D., and Crabtree.
Salminen, Ilmari F., and Weissberger.
Salo, Martin.
Salo, Martin, and Vivian.
Schade, Willy.
Sheppard, Samuel E., and Brigham.
Sheppard, Samuel E., and Houck.
Sherwood, William T.
Simmons, Arthur B., and McLeod.
Smith, William F., and Stauffer.
Staud, Cyril J.
Swan, Donald R., and Calhoun.
Switzer, Robert M.
Towne, Edmund B., Dickey, and Byers.
Turner, John R., and Byers.
Tuttle, Fordyce E.
Utermohlen, William P., Jr.
Vittum, Paul W., and Wilder.
Waugh, George P., and Kenyon.
Webb, Julian H.
Weissberger, Arnold, Kibler, and Vittum.
Weissberger, Arnold, Kibler, and Young.
Widmer, Jules A., and Carroll.
Wood, Donald L.
Young, Richard V.
Yule, John A. C.

Eastman Oil Well Survey Company, assignee: *See*—
Carpenter, Frank C.
Miller, Leonidas C.
Schadel, Charles H.

Easton, Robert T., and A. H. Griffith, Los Angeles, Calif. Screw thread micrometer button. 2,410,571; Nov. 5.

Eaton, Edwin D.: *See*—
Martin, Erle, and Eaton.

Eaton, George T.: *See*—
Crabtree, John I., and Eaton.

Eaton, Gregory Y., Pasadena, assignor to Technical Surfaces Ltd., Los Angeles, Calif. Spectacle and eyeglass receptacle. 2,408,162; Sept. 24.

Eaton, John, Schenectady, N. Y., assignor to General Electric Company. Condition responsive control system and apparatus. 2,393,599; Jan. 29.

Eaton, John F., Tulsa, Okla., assignor to Bethlehem Steel Company. Sucker rod coupling with zinc inserts. 2,392,033; Jan. 1.

Eaton, Lewis B., assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Bag supporting device. 2,394,901; Feb. 12.

Eaton, Lewis B., assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Infusion bag. 2,406,137; Aug. 20.

Eaton Manufacturing Company, assignee: *See*—
Findley, Howard J.
Hoern, Joseph H.
Jaecker, John H., and Findley.
Russell, Robert C.
Shaw, Clarence W.
Taillon, Charles.
Witchger, Eugene S.

Eaton, Thomas T., Haddon Heights, N. J., assignor to Radio Corporation of America. Frequency multiplier. 2,402,385; June 18.

Eaton, Thomas T., Haddon Heights, N. J., assignor to Radio Corporation of America. Low-frequency deflecting circuit. 2,403,510; July 9.

Eaton, Thomas T., Haddon Heights, N. J., assignor to Radio Corporation of America. Radio system for velocity measurement. 2,408,742; Oct. 8.

Eaton, Thomas T., Haddon Heights, and D. G. C. Luck, Merchantville, N. J., assignors to Radio Corporation of America. Amplifier for pulses. 2,401,416; June 4.

Eaton, Wilfred A., assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Fluid pressure control mechanism. 2,395,401; Feb. 26.

Eaton, Wilfred A., assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Fluid pressure control system. 2,400,688; May 21.

Eaton, Wilfred A., assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Fluid pressure control mechanism. 2,401,680; June 4.

Eaton, Wilfred A., assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Valve mechanism. 2,401,681; June 4.

Eaton, Wilfred A., assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Fluid pressure control mechanism. 2,404,281; July 16.

Eaton, Wilfred A., assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Fluid pressure control mechanism. 2,409,842; Oct. 22.

Eaton, Wilfred A., assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Brake mechanism. 2,410,966; Nov. 12.

Eaton, Wilfred A., assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Fluid pressure control mechanism. 2,410,967; Nov. 12.

Ebaugh, Paul, Granville, Ohio, assignor, by mesne assignments, to Owen-Corning Fiberglas Corporation. Treating fibrous glass. 2,407,483; Sept. 10.

Eberhard, Albert, Stuttgart-Wangen, Germany; vested in the Alien Property Custodian. Counterweight arrangement on crank drive. 2,393,029; Jan. 15.

Eberhardt, Howard, Webster Groves, assignor to Carter Carburetor Corporation, St. Louis, Mo. Nonicing throttle valve. 2,393,760; Jan. 29.

Eberhardt, John E.: *See*—
Dougherty, Robert S. A., and Eberhardt.

Eberhart, Arthur H., Springfield, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Air conditioning apparatus. 2,408,972; Oct. 8.

Eberle, Herman R., assignor to Goodman Manufacturing Company, Chicago, Ill. Shaker conveyer. 2,407,407; Sept. 10.

Ebers, Earl S.: *See*—
Breck, Samuel, and Ebers.

Ebert, David M., Wilmington, Del., and A. W. Hogeland, Southhampton, Pa., assignors to American Viscose Corporation, Wilmington, Del. Degassifier. 2,413,102; Dec. 24.

Ebert, Robert: *See*—
Schotte, Herbert, and Ebert.

Eby, Hugh H., Philadelphia, Pa., assignor to Hugh H. Eby, Inc. Contact-making wire clamp or connector. 2,405,412; Aug. 6.

Eby, Hugh H., Inc., assignee: *See*—
Eby, Hugh H.

Echlkson, Elchanan, Maplewood, assignor to Pioneer Tool Company, Inc., Bloomfield, N. J. Cutlery. 2,410,572; Nov. 5.

Eckel, Earle S., Washington, N. J., assignor to R. L. Skinner, Detroit, Mich. Air-inlet scoop for carburetors. 2,395,997; Mar. 5.

Eckel, John A., Gary, Ind., assignor to Carnegie-Illinois Steel Corporation. Making manganese steel sheets. 2,401,818; June 11.

Eckenbeck, Dana C., C. L. Madden, and P. E. Slaughter, Minneapolis, Minn. Lock nut. 2,399,107; Apr. 23.

Eckener, Erwin, New York, assignor to Aircraft Screw Products Company, Inc., Long Island City, N. Y. Insert securing tool. 2,392,843; Jan. 15.

Eckerman, Robert M., and C. E. Fisher, assignors to The Standard Products Company, Detroit, Mich. Periscopic vision devices. 2,400,401; May 14.

Eckert, Clarence J., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Film viewing device. 2,410,722; Nov. 5.

Eckey, Eddy W., Wyoming, Ohio, and J. E. Taylor, Louisville, Ky., assignors to The Procter & Gamble Company, Ivorydale, Ohio. High molecular polyhydric alcohols. 2,413,612; Dec. 31.

Eckey, Eddy W., Wyoming, Ohio, and J. E. Taylor, Boonton, N. J., assignors to The Procter & Gamble Company, Ivorydale, Ohio. High molecular polyhydric esters. 2,413,613; Dec. 31.

Eckhard, William K., Newark, N. J., assignor to R. Hoe & Co., Inc., New York, N. Y. Sheet feeding mechanism. 2,406,006; Aug. 20.

Eckhardt, Louis H., St. Petersburg, Fla. Baby stroller. 2,401,342; June 4.

Eck, Anna B., Quincy, Mass. Fracture frame strap. 2,411,417; Nov. 19.

Eckstein, George R.: *See*—
Catlin, John P., Eckstein, and Vordahl.

Eclipse Moulded Products Company, assignee: *See*—
Engman, Ralph P.
Nash, James.

Ecott, Roy W., assignor to The Hill Acme Company, Cleveland, Ohio. Thread cutting machine. 2,393,600; Jan. 29.

Econo Safety Devices Inc., assignee: *See*—
O'Donnell, John R.

Economy Baler Company, assignee: *See*—
Langford, George W., and Barrows.

Edberg, Per, Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,399,916; May 7.

Eddy, William H., Downers Grove, assignor to Teletype Corporation, Chicago, Ill. Projector for page printers. 2,403,269; July 2.

Eddy, William H., Downers Grove, assignor to Teletype Corporation, Chicago, Ill. Projector for page printers. 2,403,270; July 2.

Edelman, Beril, Brooklyn, N. Y., and A. L. Pizzi, Newark N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Article feeding apparatus. 2,394,599; Feb. 12.

Edelman, Isadore, Detroit, Mich. Ball holding and ball release mechanism. 2,403,590; July 9.

Edelman, Walter: *See*—
McLellan, Edgar G., Fischer, and Edelman.

Edelman, Walter E., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Motor. 2,412,254; Dec. 10.

Edelmann, Leo, Chicago, Ill. Thermohydrometer. 2,393,522; Jan. 22.

Edelmann, Leo, Chicago, Ill. Thermohydrometer. 2,393,523; Jan. 22.

Ederer, R. J., Company, assignee: *See*—
Grabowsky, Murray G.

Edgar, David: *See*—
Knowlton, Cutler D., and Edgar.

Edgar, Donald E., Westport, and D. J. Sullivan, Fairfield, Conn., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Semiconducting composition. 2,408,416; Oct. 1.

Edgar, William S. W., Jr., assignor to The Western Union Telegraph Company, New York, N. Y. Telegraph repeater. 2,394,538; Feb. 12.

Edge, Dexter, Gary, Ind. Production of ferrous sulphate monohydrate. 2,395,729; Feb. 26.

Edge, Jacob, assignor to Downingtown Manufacturing Company, Downingtown, Pa. Apparatus for distributing stock to the cylinder of paper machines. 2,399,546; Apr. 30.

Edge, Stanley H., Lincoln, England. Servo assisted means for controlling the movement of road and like vehicles. 2,392,729; Jan. 8.

Edge, W. C., Company, assignee: *See*—
Miller, Henry.

Edgerton, Arthur H., Rocky River, assignor to Convenient Carrier Corporation, Cleveland, Ohio. Bottle carrier. 2,404,699; July 23.

Edgerton, Harold E., Belmont, Mass. Flash-photography method and apparatus for use with motion-picture cameras. 2,393,316; Jan. 22.

Edgerton, Harold E., Belmont, Mass. High-speed flash-photography. 2,408,764; Oct. 8.

Edgewater Steel Company, assignee: *See*—
Bell, Davitt S., and Wikander.

Edgewick Investment Co., assignee: *See*—
Folst, Louis C.

Edins, Sam R., Abilene, Tex. Glass rack construction. 2,413,039; Dec. 24.

Edison General Electric Appliance Company, Inc., assignee: *See*—
Berg, Leo F.
Swisher, Thomas H.

Edison, Thomas A., Incorporated, assignee: *See*—
Gardenier, Clyde B.
Kelly, Frederick G.
Snavely, Earl R.

Edmister, Wayne C., Flossmoor, and D. H. Pollock, assignors to Standard Oil Company, Chicago, Ill. Hydrocarbon conversion and fractionation system. 2,398,496; Apr. 16.

Edmonds, Eugene A., assignor to Henry Vogt Machine Co. Inc., Louisville, Ky. Direct expansion chiller. 2,405,944; Aug. 20.

Edmonds, Verne, Portland, Oreg. Toy. 2,397,779; Apr. 2.

Edmonson, Robert E., Beaumont, Tex. Necktie. 2,409,744; Oct. 22.

Edmunds, Alvin M., assignor to The Dow Chemical Company, Midland, Mich. Hygroscopic salt solutions containing arsenic inhibitors. 2,394,758; Feb. 12.

Edmunds, Gerald H., Palmerton, Pa., assignor to The New Jersey Zinc Company, New York, N. Y. Brass. 2,394,673; Feb. 12.

Edmundson, William C., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Brush holder for dynamoelectric machines. 2,411,990; Dec. 3.

Edson, James O., Great Kills, N. Y., W. A. Edson, Chicago, Ill., and J. B. Maggio, Summit, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Cathode ray-sweep circuit. 2,412,210; Dec. 10.

Edson, William A.: *See*—
Edson, James O. and W. A., and Maggio.

Edstrom, Carl A., assignor to American Steel Foundries, Chicago, Ill. Spring group. 2,398,700; Apr. 16.

Edstrom, Carl A., Chicago, Ill., assignor to American Steel Foundries. Snubber. 2,403,352; July 2.

Edwards, Baden J., assignor to Pye Limited, Cambridge, England. Electron discharge device. 2,399,429; Apr. 30.

Edwards, Beryl A., and B. G. Duer, assignors to Zephyr-Wayne Company, Decatur, Ill. Pump. 2,396,319; Mar. 12.

Edwards, Carlos: *See*—
Schmidt, Germán, and Edwards.

Edwards, Charles R., Houston, Tex. Recovering elements from well bores. 2,394,759; Feb. 12.

Edwards and Company, Inc., assignee: *See*—
Fish, George R.

Edwards, Edward: *See*—
Sommer, Kurt, Maca, Edwards, and Budig.

Edwards, George E., Runcorn, England, assignor to Imperial Chemical Industries Limited. Manufacture of alkali hydroxides and apparatus for carrying out reactions. 2,392,235; Jan. 1.

Edwards, George E., Runcorn, England, assignor to Imperial Chemical Industries Limited. Manufacture of alkali hydroxides and apparatus for carrying out reactions. 2,392,236; Jan. 1.

Edwards, Harry D.: *See*—
Kendall, John D., and Edwards.

Edwards, Harvey C., Hartford, Ill. Roofing fastener. 2,402,318; June 18.

Edwards, Herbert C., Massillon, assignor to The Timken Roller Bearing Company, Canton, Ohio. Governor. 2,401,558; June 4.

Edwards, Herbert C., Massillon, assignor to The Timken Roller Bearing Company, Canton, Ohio. Resilient drive gearing. 2,407,144; Sept. 3.

Edwards, Hilbert E.: *See*—
Blunk, Gene D., and Edwards.

Edwards, Howard C., Zanesville, assignor of ten per cent to L. E. Marks, and thirty-three and one-half per cent to E. S. Marks, Cincinnati, Ohio, trustee. Draft regulating apparatus for coal burning furnaces. 2,396,777; Mar. 19.

Edwards, James H., London, England, assignor to The Goss Printing Press Company, Chicago, Ill. Delivery mechanism for printing machines. 2,403,062; July 2.

Edwards, John H.: *See*—
Anderson, Peter A. and E. M., Sr., Hansen, and Edwards.

Edwards, Martin A., Scotia, N. Y., assignor to General Electric Company. Power system. 2,393,619; Jan. 29.

Edwards, Martin A., Scotia, N. Y., assignor to General Electric Company. Aircraft supercharger arrangement. 2,405,413; Aug. 6.

Edwards, Martin A., Scotia, D. E. Garr, Schenectady, and J. C. Aydelott, Erie, Pa., assignors to General Electric Company. Electric power system. 2,393,618; Jan. 29.

Edwards, Martin A., Scotia, and C. F. Byrum, Schenectady, N. Y., assignors to General Electric Company. Turret control system. 2,410,723; Nov. 5.

Edwards, Miles L., Longview, Wash. Foam reducer. 2,401,469; June 4.

Edwards, Miles L., and D. K. MacBain, Longview, and L. M. Johnson, Everett, assignors to Weyerhaeuser Timber Company, Longview, Wash. Log barking apparatus. 2,393,978; Feb. 5.

Edwards, Miles L., and D. K. MacBain, Longview, and L. M. Johnson, Everett, assignors to Weyerhaeuser Timber Company, Longview, Wash. Log barking apparatus. 2,396,255; Mar. 12.

Edwards, Paul G., Verona, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Order wire circuit for carrier transmission systems. 2,395,540; Feb. 26.

Edwards, Paul G., Verona, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Timing circuit. 2,399,213; Apr. 30.

Edwards, Paul W.: *See*—
Eskew, Roderick K., and Edwards.

Edwards, Raymond W.: *See*—
Bolas, John T., Edwards, and Latty.

Edwards, Richard P., Webster Groves, Mo. Strike plate or door latch keeper. 2,412,497; Dec. 10.

Edwards, Roy E., assignor to Halliburton Oil Well Cementing Company, Duncan, Okla. Wire brush for use in oil wells. 2,412,876; Dec. 17.

Edwards, William C., Jr., and R. P. Elam, Dayton, Ohio. Straightening press for aircraft propellers and the like. 2,393,317; Jan. 22.

Edwards, William E., Jr.: *See*—
Maxwell, Homer B., and Edwards.

Edwards, William H., Fort Monmouth, N. J., and M. S. Richardson, Wickford, R. I., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone. 2,410,434; Nov. 5.

Eek, Albin C., Webster Groves, Mo., assignor to United Shoe Machinery Corporation, Flemington, N. J. Sole-molding machine. 2,397,598; Apr. 2.

Een, Johannes B., Oslo, Norway; vested in the Alien Property Custodian. Reinforced door of wood and/or insulating material. 2,399,666; May 7.

Efstathiou, Theofanis, Bronx, N. Y. Parachute. 2,396,092; Mar. 5.

Egan, Charles M., La Mesa, and C. H. Ledford, National City, Calif. Electric arc welding handle. 2,397,252; Mar. 26.

Egan, Francis A., Mount Lebanon, assignor to Superior Steel Corporation, Pittsburgh, Pa. Treatment of bimetallic billets. 2,409,422; Oct. 15.

Egan, John F., assignor to Eastman Kodak Company, Rochester, N. Y. Control for photographic copying apparatus. 2,403,711; July 9.

Egedal, Lawrence E., Milwaukee, Wis. Grain processing machine. 2,405,561; Aug. 13.

Eger, Ernst, Grosse Pointe Park, Mich., assignor to United States Rubber Company, New York, N. Y. Making puncture sealing material. 2,401,625; June 4.

Eger, Ernst, Grosse Pointe Park, Mich., assignor to United States Rubber Company, New York, N. Y. Forming tanks. 2,401,626; June 4.

Eger, Ernst, Grosse Pointe Park, Mich., assignor to United States Rubber Company, New York, N. Y. Puncture sealing gas tank. 2,401,627; June 4.

Eggenberger, Hans: *See*—
Von Allmen, Samuel, and Eggenberger.

Eggensperger, Arlo R., Chicago, Ill., assignor to American Telephone and Telegraph Company. Teletypewriter control system. 2,397,848; Apr. 2.

Egger, Edwin F., Seattle, Wash. Bucking device. 2,396,413; Mar. 12.

Eggert, Ronald E., Burbank, Calif., assignor to Adel Precision Products Corp. Nut for threadless studs and the like. 2,393,030; Jan. 15.

Eggert, Ronald E., Burbank, Calif., assignor to Adel Precision Products Corp. Spring nut. 2,396,835; Mar. 19.

Eggert, Ronald E., Burbank, Calif., assignor to Adel Precision Products Corp. Lock nut. 2,397,251; Mar. 26.

Eggert, Ronald E., Burbank, Calif., assignor to Adel Precision Products Corp. Sheet metal nut. 2,410,968; Nov. 12.

Egli, Huldreich, Baltimore, Md. Process and apparatus for pasteurizing milk. 2,411,681; Nov. 26.

Egloff, Gustav, assignor to Universal Oil Products Company, Chicago, Ill. Manufacture of styrene. 2,402,243; June 18.

Egloff, Gustav, assignor to Universal Oil Products Company, Chicago, Ill. Isomerization of hydrocarbon. 2,402,807; June 25.

Egry Register Company, The, assignee: *See*—
Pfeiffer, William C.
Ritzert, Robert W.
Wyrick, Clayton E.

Ehemann, George C., Jr., Edgewood, Pa., assignor to Carnegie-Illinois Steel Corporation. Billet severing apparatus. 2,405,945; Aug. 20.

Ehlers, George M., and R. R. Roup, assignors to Globe-Union Inc., Milwaukee, Wis. Electric capacitor and dielectric for same. 2,398,088; Apr. 9.

Ehmann, Leslie G., assignor to Electric Steel Foundry Company, Portland, Oreg. Hammer for impact crushers. 2,404,775; July 30.

Ehnborn, Victor C., Chicago, Ill. Ladder bracket. 2,407,541; Sept. 10.

Ehrenberg, Gustave, Philadelphia, Pa. Automobile. 2,393,623; Jan. 29.

Ehrenhaft, Franz F., Forest Hills, N. Y. Shrinkage compensating means. 2,397,730; Apr. 2.

Ehrhardt, William, Bronx, N. Y. Tobacco pipe juice absorber. 2,407,484; Sept. 10.

Ehrke, Louis F.: *See*—
Slack, Charles M., Ehrke, and Dawley.

Ehrlich, Walter A.: *See*—
Gladfelter, Willie I., and Ehrlich.

Ehrlich, William, Fox River, Wis. Cover holding band for pies and the like. 2,404,776; July 30.

Eichelman, William H., Berwyn, Ill., assignor, by mesne assignments, to Ex-Cell-O Corporation, Detroit, Mich. Driller. 2,412,211; Dec. 10.

Eickmann, Olin J.: *See*—
Carlson, Harold A., and Eickmann.

Eidmann, Ethel L., executrix: *See*—
Engel, George C., Lynch, and Eidmann.

Eidmann, Frank L.: *See*—
Engel, George C., Lynch, and Eidmann.

Eidmann, Frank L., Princeton, and G. C. Engel, Ridgewood, N. J., assignors to General Time Instruments Corporation, New York, N. Y. Time recorder. 2,393,761; Jan. 29.

Eifel, Joseph, Chicago, Ill. Place marker for books and the like. 2,408,974; Oct. 8.

Eigenbrodt, Hubert O. W., assignee: *See*—
Pehrson, Nils H. S.

Eiland, Odus C.: *See*—
Dunn, Albert, and Eiland.

Eilenberger, Stanley D., assignor, by mesne assignments, of sixty-five per cent to S. E. Steen, Kenosha, Wis., seventeen and one-half per cent to L. G. Voorhees, Macedonia, Ohio, and seventeen and one-half per cent to H. W. Taft, Balboa Heights, C. Z. Signaling by submodulation. 2,410,275; Oct. 29.

Eilenberger, Stanley D., assignor, by mesne assignments, of sixty-five per cent to S. E. Steen, Kenosha, Wis., seventeen and one-half per cent to L. G. Voorhees, Macedonia, Ohio, and seventeen and one-half per cent to H. W. Taft, Balboa Heights, C. Z. Secret communication system. 2,410,276; Oct. 29.

Eilerman, George E., Milwaukee, Wis., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Proteinous plastics. 2,412,327; Dec. 10.

Eilersgaard, Asger, Los Angeles, Calif., assignor to The Patent and Licensing Corporation, New York, N. Y. Device for supporting packaged articles and the like. 2,395,176; Feb. 19.

Eimco Corporation, The, assignee: *See*—
Kurz, Frederick E.

Einson-Freeman Co., Inc., assignee: *See*—
Horr, John V.

Einzig, Henry, assignor to Stemar Displays Company, Chicago, Ill. Bookbinding. 2,400,744; May 21.

Eisele, Chester W., Harvey, Ill. Plug gauge. 2,392,317; Jan. 8.

Eisele, Karl, Belleville, N. J., assignor to Camloc Fastener Corporation, New York, N. Y. Fastener. 2,406,007; Aug. 20.

Eisemann Corporation, assignee: *See*—
Scott, Lloyd H.
Tabb, Warner T.

Eisenberg, Ben, Brooklyn, assignor to Lektra Laboratories, Inc., New York, N. Y. Timing control circuit. 2,396,497; Mar. 12.

Eisenberg, Harry: *See*—
Roseman, Reuben, and Eisenberg.

Eisenman, William: *See*—
Solander, Newell, and Eisenman.

Eisler, Charles, South Orange, N. J. Driving means for glass forming machines. 2,409,423; Oct. 15.

Eisler, Charles, South Orange, N. J. Tube cracking machine. 2,410,931; Nov. 12.

Eisler, Joseph D., and J. A. Sharpe, Los Angeles, Calif., assignors, by mesne assignments, to Stanolind Oil and Gas Company, Tulsa, Okla. Recording system in seismic surveying. 2,394,990; Feb. 19.

Elsner, Abner: *See*—
Woodward, Charles F., Elsner, and Haines.

Eitel-McCullough, Inc., assignee: *See*—
Becker, George A.
Drieschman, Donald F., Shepherd, Rabinawitz, Newhall, and Sorg.
Eitel, William W.
Eitel, William W., and McCullough.
McCullough, Jack A.
Murdock, Clayton E.
Norton, Robert L.
Pierri, Louis N.

Eitel, William W., assignor to Eitel-McCullough, Inc., San Bruno, Calif. Ignition system. 2,402,539; June 25.

Eitel, William W., San Bruno, and J. A. McCullough, Millbrae, assignors to Eitel-McCullough, Inc., San Bruno, Calif. Electrode. 2,393,459; Jan. 22.

Eitel, William W., and J. A. McCullough, assignors to Eitel-McCullough, Inc., San Bruno, Calif. Thermionic tube. 2,400,080; May 14.

Eitel, William W., and J. A. McCullough, assignors to Eitel-McCullough, Inc., San Bruno, Calif. Thermionic tube. 2,400,081; May 14.

Eitel, William W., San Bruno, and J. A. McCullough, Millbrae, assignors to Eitel-McCullough, Inc., San Bruno, Calif. Electronic tube. 2,400,082; May 14.

Eitel, William W., San Bruno, and J. A. McCullough, Millbrae, assignors to Eitel-McCullough, Inc., San Bruno, Calif. Making tubes. 2,400,635; May 21.

Eitel, William W., San Bruno, and J. A. McCullough, Millbrae, assignors to Eitel-McCullough, Inc., San Bruno, Calif. Electronic tube. 2,401,059; May 28.

Eitel, William W., San Bruno, and J. A. McCullough, Millbrae, assignors to Eitel-McCullough, Inc., San Bruno, Calif. Electronic tube. 2,402,319; June 18.

Ekco Products Company, assignee: *See*—
Chandler, James H.

Ekholm, Herbert W., assignor to Chicago Railway Equipment Company, Chicago, Ill. Brake beam structure. 2,398,497; Apr. 16.

Eklund, Carl O., North Riverside, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Cutting tool. 2,399,727; May 7.

Eklund, Howard J., assignor of one-half to E. M. Naylor, and one-half to Rolyan Corporation, Chicago, Ill. Rivet. 2,392,133; Jan. 1.

Ekvergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Control for vehicle brakes. 2,393,031; Jan. 15.

Ekvergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Rail car wheel brake. 2,393,032; Jan. 15.

Ekvergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Brake cooling mechanism. 2,400,225; May 14.

Ekvergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa., a corporation of Pennsylvania. Vehicle driving mechanism. 2,401,628; June 4.

Ekvergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Brake arrangement. 2,402,489; June 18.

Ekvergian, Carolus L., Detroit, Mich., assignor, by mesne assignments, to United States of America. Recoilless gun mechanism. 2,405,414; Aug. 6.

Ekvergian, Carolus L., Detroit, Mich., assignor, by mesne assignments, to United States of America. Rocket projectile. 2,405,415; Aug. 6.

Ekvergian, Carolus L., Detroit, Mich., assignor to The Budd Company, Philadelphia, Pa. Wheel and rim organization. 2,410,573; Nov. 5.

Ekvergian, Carolus L., Detroit, Mich., assignor to The Budd Company, Philadelphia, Pa. Brake arrangement. 2,410,574; Nov. 5.

Ekvergian, Carolus L., Detroit, Mich., assignor, by mesne assignments, to the United States of America, as represented by the Secretary of War. Projectile. 2,412,134; Dec. 3.

Ekvergian, Carolus L., Detroit, Mich., assignor to The Budd Company, Philadelphia, Pa. Brake mechanism. 2,413,614; Dec. 31.

Ekvergian, Carolus L., and P. W. Gaenssle, Detroit, and E. Kaiser, Birmingham, Mich., assignors to Budd Wheel Company, Philadelphia, Pa. Brake. 2,399,010; Apr. 23.

Ekvergian, Carolus L., J. H. Coombes, and P. W. Gaenssle, Detroit, Mich., assignors to Budd Wheel Company, Philadelphia, Pa. Brake mechanism. 2,402,386; June 18.

Ekvergian, Carolus L., and J. H. Coombes, Detroit, Mich., assignors to Budd Wheel Company, Philadelphia, Pa. Brake arrangement. 2,405,119; Aug. 6.

Elam, David L.: *See*—
Kamler, Ben R., and Elam.

Elam, Richard L., assignor to Pauline E. Neulander, New York, N. Y. Parachute folding device. 2,399,993; May 7.

Elam, Robert P.: *See*—
Edwards, William C., Jr.

Elastic Stop Nut Corporation, assignee: *See*—
Mason, Veyne V.

Elastic Stop Nut Corporation of America, assignee: *See*—
Hallock, Robert L.
Hungerford, Daniel C., and Shaw.
Johnson, John E.
Mason, Veyne V.
Meyerhoff, John R.

Elberty, Robert S., New Britain, Conn. Pump. 2,402,244; June 18.

Elder, Charles J., Muncie, Ind., assignor to The Moore Company. Bedspring. 2,405,296; Aug. 6.

Elder, Flint C., and A. W. Harris, Cleveland, Ohio, assignors to The American Steel and Wire Company of New Jersey. Wire drawing method. 2,413,220; Dec. 24.

Elder, Frederick T., Mountain Lakes, N. J., and G. B. Farkas, Jackson Heights, and A. Y. Gunter, Larchmont, N. Y., assignors to American Locomotive Company, New York, N. Y. Air-cooled heat exchanger. 2,401,918; June 11.

Elder, John D.: *See*—
McManus, Charles E., Elder, Cooke, and Dornblatt.
Patrick, Walter A., Jr., and Elder.

Eldred, Andrew J., Grosse Pointe Farms, assignor to Autopulse Corporation, Detroit, Mich. Manifold assembly. 2,409,262; Oct. 15.

Eldredge, Elmer E., Plymouth, Wis., assignor to Kraft Foods Company. Packaging. 2,408,616; Oct. 1.

Eldredge, Kenneth R., Berkeley, and V. C. Davis, Piedmont, assignors, by mesne assignments, to California Research Corporation, San Francisco, Calif. Regenerative detonation detector. 2,404,569; July 23.

Electric Boat Company, assignee: *See*—
Ritchie, Alexander J.
Swasey, David L.

Electric Controller & Manufacturing Company, The, assignee: *See*—
Wright, David C., and Ward.

Electric Household Utilities Corporation, assignee: *See*—
Gerhardt, Andrew H., and Maher.

Electric Machinery Manufacturing Company, assignee: *See*—
Carter, William R.

Electric & Musical Industries Limited, assignee: *See*—
Blumlein, Alan D.
Blumlein, Alan D., and White.
Broadway, Leonard F., and Bull.
Browne, Cecil O., and Hobbs.
Bull, Cabot S.
Cairns, John E. I.
Collard, John.
Cork, Edward C.
Klemperer, Otto E. H.
Percival, William S.

Electric Railway Improvement Company, The, assignee: *See*—
Cadwell, Charles A.

Electric Steel Foundry, assignee: *See*—
Babbitt, Daniel R., and Hewitt.

Electric Steel Foundry Company, assignee: *See*—
Ehmann, Leslie G.

Electric Storage Battery Company, The, assignee: *See*—
Ambruster, Cornelius.
Duddy, Joseph C.
Graf, Ernest.
Lighton, Lester E.
Murphy, Ross F.
Riggs, Harold C., and Smith.
Smith, William W.
Woodbridge, Lester J.

Electric Tachometer Corporation, The, assignee: *See*—
Hamilton, Sam.

Electric Wheel Company, assignee: *See*—
Richey, Clarence B.

Electrical Engineering and Manufacturing Corporation, assignee: *See*—
Hoover, Vaino A.

Electrical Incorporated, assignee: *See*—
Ashton, Benjamin N., and Kling.

Electrical Products Corporation, assignee: *See*—
Owen, Harold R.

Electrimatic Corporation, The, assignee: *See*—
Beekley, Henry L., Gilbert, and Lacart.

Electro-Chemical Engineering Corporation, assignee: *See*—
Starr, James H., and Goodnow.

Electrographic Corporation, assignee: *See*—
Reilly, Frank E.

Electro Manganese Corporation, assignee: *See*—
Crafts, Walter, and Chadwick.
Wanamaker, Elmer M., Cromwell, and Chamberlain.

Electro Metallurgical Company, assignee: *See*—
Norwood, Stanley M.

Electro-Physical Laboratories, Inc., assignee: *See*—
Trangott, Paul.

Electrol Incorporated, assignee: *See*—
Ashton, Benjamin N.
Ashton, Benjamin N., and Barkow.
Ashton, Benjamin N., and Kling.

Electrolux Corporation, assignee: *See*—
Beede, Arnold H.
Borkoski, Leon P.
Lofgren, Gustaf E.
Ruttkay, Paul.
Wahlberg, Eric C.

Electrolux Pty. Limited, assignee: *See*—
Jodell, Georg E.

Electronbeam, Ltd., assignee: *See*—
Zieholz, Herbert.

Electronic Laboratories, Incorporated, assignee: *See*—
Garstang, William W.
Garstang, William W., and Peck.

Electronic Laboratories, Inc., assignee: *See*—
Hings, Donald L.
Mitchell, Douglas W.

Electronic Rat Control, Inc., assignee: *See*—
Vincent, William J., and Stanton.

Electro-Voice Manufacturing Co., Inc., assignee: *See*—
Burroughs, Louis R.

Eler, John L.: *See*—
Kashubeck, Archwood J., Spence, and Eler.

Elfström, Nils G., Fagersta, Sweden. Method in shaping a solid body against another body. 2,398,364; Apr. 16.

Elfving, Thore M., Nockeby, Sweden. Multilayer insulation. 2,406,815; Sept. 3.

Elgin National Watch Company, assignee: *See*—
Barker, George E.

Elgin Softener Corporation, assignee: *See*—
McGill, Chester T., Wessel, and Smith.

Eli Lilly and Company, assignee: *See*—
Kharasch, Morris S.

Elkin, Eugene M.: *See*—
Clark, Charles W., and Elkin.
Clark, Charles W., Elkin, and Waitkins.

Elkin, Manuel H., Elmira Heights, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Magneto testing apparatus. 2,396,991; Mar. 19.

Elkins, Hervey B.: *See*—
Finkelstein, Leo.

Elleman, Tom, Port Washington, and R. W. Johnson, Milwaukee, Wis., assignors, by mesne assignments, to The Seng Company, Chicago, Ill. Adjustable chair seat. 2,409,114; Oct. 8.

Ellenbogen, William C., York, Pa. Tanning agents and treating hides and skins therewith. 2,408,417; Oct. 1.

Ellerbeck, Grant C., San Leandro, Calif., assignor to Friden Calculating Machine Co., Inc. Apparatus for printing. 2,405,562; Aug. 13.

Ellingboe, Ellsworth K., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Reaction of hydrogen cyanide with carboxylic acid esters of alpha, beta-unsaturated alcohols. 2,397,341; Mar. 26.

Ellingboe, Ellsworth K., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Thiolacetic acid. 2,412,036; Dec. 3.

Ellinger, Francis C.: *See*—
Harbert, Carl J., Ellinger, and Morris.

Ellinwood, Herman R., Burbank, Calif., assignor to Adel Precision Products Corp. Conduit supporting clip. 2,393,033; Jan. 15.

Ellinwood, Herman R., assignor to Adel Precision Products Corp., Burbank, Calif. Conduit supporting block. 2,396,836; Mar. 19.

Ellinwood, Herman R., assignor to Adel Precision Products Corp., Burbank, Calif. Aircraft conduit supporting clip. 2,396,837; Mar. 19.

Ellinwood, Herman R., assignor to Adel Precision Products Corp., Burbank, Calif. Line supporting clip. 2,396,838; Mar. 19.

Ellinwood, Herman R., assignor to Adel Precision Products Corp., Burbank, Calif. Conduit clip fastening means. 2,397,253; Mar. 26.

Elliot, Donald C., assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Fuel pumping unit. 2,413,040; Dec. 24.

Elliot, Donald C., West Springfield, and O. H. Paul, Chicopee, assignors to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Oil burner. 2,405,196; Aug. 6.

Elliot, Robert L., Winchester, Mass., and E. M. Lavor, Norfolk, Va. Pipette and making same. 2,398,737; Apr. 16.

Elliot, William S., Miami Beach, Fla. Awning. 2,395,177; Feb. 19.

Elliott, Albert G., Quarndon, Derby, England. Jet-propulsion apparatus for aircraft. 2,408,743; Oct. 8.

Elliott, Bernard V., and H. C. Price, assignors to H. C. Price Company, Bartlesville, Okla. Hydraulic internal line-up clamp. 2,408,255; Sept. 24.

Elliott, Burr B., assignor to Isaacson Iron Works, Seattle, Wash. Apparatus for sterilizing soil. Re. 22,778; Aug. 13.

Elliott, Carleton R., Dayton, Ohio. Flexible ammunition machine gun feed. 2,391,888; Jan. 1.

Elliott, Charles, Carthage, Mo. Pump. 2,412,723; Dec. 17.

Elliott Company, assignee: *See*—
Boyles, Harry, and Grabb.
McDermet, John R.

Elliott Company, The, assignee: *See*—
Hall, Kenneth J.

Elliott, Edwin C., Crafton, Pa., assignor to Carnegie-Illinois Steel Corporation. Structural grating. 2,404,570; July 23.

Elliott, Francis P., Toronto, Ontario, Canada. Control system. 2,402,992; July 2.

Elliott, Harold F., Belmont, Mass. Program-scheduling apparatus. 2,410,724; Nov. 5.

Elliott, Harold F., Belmont, Mass. Control apparatus. 2,411,618; Nov. 26.

Elliott, Harold F., Belmont, Mass. Control apparatus. 2,411,619; Nov. 26.

Elliott, Harold F., Belmont, Mass. Preselector apparatus. 2,411,780; Nov. 26.

Elliott, Harold F., Chicago, Ill. Electric control apparatus. 2,411,617; Nov. 26.

Elliott, John S.: *See*—
Evans, Elliot A., and Elliott.

Elliott, Raymond D., Long Bach, assignor, by mesne assignments, to Byron Jackson Co., Vernon, Calif. Gun perforator. 2,402,153; June 18.

Elliott, Richard B., Sidney, Ohio, assignor to Robins Conveyors Incorporated, Passaic, N. J. Loading machine. 2,398,177; Apr. 9.

Elliott, Stanley J., Forest Hills, N. Y., O. M. Hovgaard, Murray Hill, N. J., R. F. Mallina, Hastings-on-Hudson, and F. M. Thomas, Jackson Heights, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signal distributor. 2,409,617; Oct. 22.

Elliott, Thomas W.: *See*—
Levy, Maurice M., and Elliott.

Elliott Bay Mill Co., assignee: *See*—
Miller, William J.
Miller, William J., and Johnson.

Ellis, Arthur L., Deep River, assignor to The Waterbury Tool Company, Waterbury, Conn. Power transmission. 2,402,742; June 25.

Ellis, Arthur L., Deep River, Conn., assignor to Vickers Incorporated, Detroit, Mich. Power transmission. 2,403,913; July 16.

Ellis, Arthur L., Deep River, Conn., assignor, by mesne assignments, to Vickers Incorporated, Detroit, Mich. Power transmission. 2,413,301; Dec. 31.

Ellis, Carleton, Montclair, N. J., assignor to Standard Oil Development Company. Alkylation. 2,393,152; Jan. 15.

Ellis, Charles A., assignor to American Optical Company, Southbridge, Mass. Eye testing means. 2,406,596; Aug. 27.

Ellis, Charles E., Mahwah, N. J., assignor to Sedgwick Machine Works, Inc., Poughkeepsie, N. Y. Elevator. 2,405,691; Aug. 13.

Ellis, Clarence M., assignor of one-third to J. E. Devine, and one-third to J. M. Prentice, Lodi, Calif. Spacer for car-loaded boxes. 2,402,808; June 25.

Ellis, Delbert, Wilkinsburg, and J. H. Aispach, Swissvale, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Line-starter cabinet. 2,393,034; Jan. 15.

Ellis, Delbert, and J. H. Aispach, Wilkinsburg, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Latchable electromagnetic contactor. 2,399,336; Apr. 30.

Ellis, Delbert, O. L. Taylor, Wilkinsburg, and R. T. Basnett, Edgewood, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Shockproof contactor. 2,409,115; Oct. 8.

Ellis, Edward J., and M. S. Johnson, Chicago, Ill.; said Johnson assignor to said Ellis. Truck side bearing. 2,394,158; Feb. 5.

Ellis-Foster Company, assignee, et al.: *See*—
Rust, John B., and MacKenzie.

Ellis-Foster Company, The, assignee: *See*—
Hessel, Frederick A., and Rust.

Ellis, Frederick A., Binghamton, N. Y., assignor to N. L. Dahlander, New Milford, Pa. Ladder construction. 2,397,952; Apr. 9.

Ellis, Frederick A., Binghamton, N. Y., assignor to N. L. Dahlander, New Milford, Pa. Ladder. 2,397,953; Apr. 9.

Ellis, Mary E., West Allis, Wis. Applique crochet. 2,399,478; Apr. 30.

Ellis, Robert, York, Pa. Magnetic button. 2,397,931; Apr. 9.

Ellis, Robert P., York, Pa. Toy. 2,404,477; July 23.

Ellis, Seth S., Waynesville, Ohio. Safety hitch for tractors. 2,398,365; Apr. 16.

Ellis, William C., Maplewood, and A. G. Souden, Summit, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Making dry rectifiers. 2,395,259; Feb. 19.

Ellis, William D., Atlanta, Ga., and F. Thesmar, Memphis, Tenn., assignors to Southern Mills, Incorporated, Atlanta, Ga. Laundry net closure. 2,392,034; Jan. 1.

Ellison, Warren F., Glendale, Calif. Air motor. 2,398,178; Apr. 9.

Ellwood, Walter B., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Communication between ships. 2,406,360; Aug. 27.

Ellwood, Walter B., New York, N. Y., and H. E. Hill, El Paso, Tex., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Jig. 2,406,008; Aug. 20.

Ellsworth, Walter A.: *See*—
Ahrens, Robert S., and Ellsworth.

Elmendorf, Andrew G., Schenectady, N. Y., assignor to General Electric Company. Electric switch. 2,392,134; Jan. 1.

Elmendorf, Harold J., Cleveland, Ohio, assignor to The American Steel and Wire Company of New Jersey. Improving the ductility of high-carbon-steel tempered wire. 2,394,434; Feb. 5.

Elmer, Lloyd A., Summit, and C. A. Lovell, Maplewood, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sound recording projectile. 2,406,816; Sept. 3.

Elmer, William B., Lakewood, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Switch. 2,403,063; July 2.

Elmer, William B., Lakewood, Ohio, and R. R. Rimer, Sharon, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Rudder control system. 2,403,064; July 2.

Elowson, Sten, Brooklyn, N. Y., assignor to Pittsburgh Equitable meter Company, Pittsburgh, Pa. Wide range flow meter. 2,400,108; May 14.

Elsenheimer, Charles W.: *See*—
Drechsler, Herman F., and Elsenheimer.

Elsey, Howard M., Oakmont, and C. C. Horstman, Sharpsville, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Coating ferrous silicon magnetic material. 2,394,047; Feb. 5.

Elston, Edward P., Bradmore, Wolverhampton, England. Garment hanger. 2,413,221; Dec. 24.

Eltgroth, George V., Towson, Md., assignor to Bendix Aviation Corporation, South Bend, Ind. Radio apparatus. 2,411,198; Nov. 19.

Elvers, Roy E., Los Angeles, Calif. Revolving book shelf. 2,395,618; Feb. 26.

Elvin, William J.: *See*—
Stahl, Elmer R., Schulte, and Elvin.

Elvin, William J., Frostburg, Md., assignor to Celanese Corporation of America. Textile machine. 2,401,725; June 11.

Elwell, George H., New Haven, Conn., assignor to Eastern Tool and Manufacturing Company, Bloomfield, N. J. Slide loop. 2,394,159; Feb. 5.

Elwell, George H., New Haven, Conn., assignor to Eastern Tool and Manufacturing Company, Bloomfield, N. J. Slide loop. 2,403,712; July 9

Elwell-Parker Electric Company, The, assignee: *See*—
Draxler, John A.

Elwert, George, Conshohocken, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Aircraft ramp operating means. 2,405,878; Aug. 13.

Elwin, Charles T., assignor to Scovill Manufacturing Company, Waterbury, Conn. Handling small articles in electrolytic treatment. 2,407,145; Sept. 3.

Embertson, Maurice A., Chicago, Ill. Sheet indexing means. 2,398,294; Apr. 9.

Embree, Norris D., and E. M. Shantz, assignors to Distillation Products, Inc., Rochester, N. Y. Preparing substances having vitamin A activity and new vitaminous products. 2,410,575; Nov. 5.

Emde, Kurt: *See*—
McDonald, Eugene F., Jr., and Emde.

Emde, Kurt, Itasca, Ill., assignor to Zenith Radio Corporation. Fastening means. 2,397,780; Apr. 2.

Emerson Electric Mfg. Company, The, assignee: *See*—
Dederick, Clinton H.

Emerson, Kenneth H., assignor, by mesne assignments, to Philco Radio Corporation, Philadelphia, Pa. Demonstration apparatus. 2,406,751; Sept. 3.

Emerson, Richard C., Glendale, Calif., assignor to Bendix Aviation Corporation, South Bend, Ind. Superregenerative receiver. 2,398,214; Apr. 9.

Emerson, Scott, Wayland, and S. H. Waldron, Boston, Mass. Manipulative, attention-attracting device. 2,392,908; Jan. 15.

Emerson, Walter H., East Liverpool, Ohio, assignor to The Homer Laughlin China Company, Newall, W. Va. Chinaware sand blasting machine. 2,393,762; Jan. 29.

Emerson, William H., Long Beach, and D. Hering, South Gate, Calif., assignors to Sperry-Sun Well Surveying Company, Philadelphia, Pa. Well surveying instrument. 2,412,976; Dec. 24.

Emerson, William S., Dayton, Ohio, assignor to Monsanto Chemical Company. Producing aryl methyl ketones. 2,394,674; Feb. 12.

Emerson, William S., Dayton, Ohio, assignor to Monsanto Chemical Company. Producing arsikyl aldehydes. 2,397,412; Mar. 26.

Emerson, William S., Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Nitrogenous ester. 2,399,479; Apr. 30.

Emery, Cyril Y.: *See*—
Beal, George D., and Emery.

Emery, Elliott G., Jr.: *See*—
Minshall, Robert J., Landan, and Emery.

Emery Industries, Inc., assignee: *See*—
Myers, Latimer D., and Muckerheide.
Stegemeyer, Lou A.

Emigh, John H.: *See*—
Priepke, Rudolf J., Emigh, and Pike.

Emley, Philip W., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Rectified current flow indicating system. 2,398,366; Apr. 16.

Emmer, Charles E., assignor to General Binding Corporation, Chicago, Ill. Machine for forming plastic binders. 2,403,644; July 9.

Emmer, Charles E., assignor to General Binding Corporation, Chicago, Ill. Binding element. 2,407,656; Sept. 17.

Emmert, Kenneth L.: *See*—
Hensel, Franz R., Emmert, and Wiggs.

Emmett, Arthur D.: *See*—
Pfiffner, Joseph J., Binkley, Bloom, and Emmett.

Emmett, Milton W., Los Angeles, Calif. Plier wrench. 2,397,095; Mar. 26.

Emmitt, Frank O., Detroit, Mich. Hydraulic drive. 2,394,160; Feb. 5.

Empira Ironer, Inc., assignee: *See*—
Getgey, John J.

Empire Electric Brake Company, assignee: *See*—
Penrose, William F.

Empire Electronics Corporation, assignee: *See*—
Morse, Louis R.

Empire Products, Inc., assignee: *See*—
Getgey, John J.

Emrich, Albert F., Valley Stream, N. Y. Shaping fixture. 2,395,469; Feb. 26.

Emsco Derrick & Equipment Company, assignee: *See*—
Ashton, Albert A.
Hilborn, Howard D.
Tremolada, Guglielmo R.
Walters, William D.

Emulsol Corporation, The, assignee: *See*—
Epstein, Albert K., and Katzman.
Katzman, Morris.

Enblom, John C.: *See*—
Donaldson, Frank A., and Enblom.

Endebak, Peter, assignor to Tuthill Pump Company, Chicago, Ill. Shaft seal. 2,411,509; Nov. 26.

Ender, Benjamin, assignor to P. S. Ender, Hokah, Minn. Material handling device. 2,412,570; Dec. 17.

Ender, Clarence D., Kalamazoo, Mich., assignor to Hercules Powder Company, Wilmington, Del. Casein compound. 2,401,919; June 11.

Ender, Phyllis S., assignee: *See*—
Ender, Benjamin.

Enderlin, Max, Madison, N. J., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Rectifier stack mounting construction. 2,408,052; Sept. 24.

Endicott Johnson Corporation, assignee: *See*—
Moore, Harry N.

Endless Belt Corporation, assignee: *See*—
Goepfert, Otto F.

Enfield Rolling Mills Limited, assignee: *See*—
Sykes, John.

Engbecht, Herman J., assignor to Bendix Aviation Corporation, North Hollywood, Calif. Tool. 2,406,326; Aug. 27.

Engberg, Ralph E.: *See*—
Miller, Edward G., and Engberg.

Engel, George C.: *See*—
Eldmann, Frank L., and Engel.

Engel, George C., Ridgewood, N. J., L. S. Lynch, Jr., Flushing, N. Y., and F. L. Eldmann, deceased, by E. I. Eldmann, executrix, Princeton, N. J., assignors to General Time Instruments Corporation, New York, N. Y. Recording device. 2,392,467; Jan. 8.

Engel, Harry C.: *See*—
Musser, David M., and Engel.

Engel, James S., New Rochelle, N. Y. Weedless attachment for fishhooks. 2,402,320; June 18.

Engel, Karl, Swampscott, Mass. Shoemaking. 2,412,440; Dec. 10.

Engel, Karl H., Teaneck, N. J., assignor to Allied Chemical & Dye Corporation. Resolution of heterocyclic nitrogen compound mixtures. 2,404,167; July 16.

Engel, Karl H., Teaneck, N. J., assignor to Allied Chemical & Dye Corporation, New York, N. Y. Producing esters. 2,408,744; Oct. 8.

Engel, Karl H., West Englewood, N. J., assignor, by mesne assignments, to Allied Chemical & Dye Corporation. Separation of organic bases. 2,408,975; Oct. 8.

Engelbaugh, Harold E.: *See*—
Gettig, Martin S., and Engelbaugh.

Engelbrecht, Heinz-Joachim: *See*—
Hentrich, Winfrid, Engelbrecht, and Schirm.

Engelhardt, George B., Hartsdale, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electro-optical control system. 2,411,531; Nov. 26.

Engelheart, Alexis C., Honston, Tex. Automobile sunshade. 2,405,348; Aug. 6.

Engeljohn, Alvin F., assignor to J. K. Dromgold, Chicago, and H. A. Glenn, Oak Park, Ill. Latch construction. 2,411,197; Nov. 19.

Engelke, Ernest F., Merchantville, N. J., assignor to Cities Service Oil Company, New York, N. Y. Organic phosphorus lubricant compositions. 2,392,468; Jan. 8.

Engelke, Ernest F., Merchantville, N. J., assignor to Cities Service Oil Company, New York, N. Y. Refining lubricating oil stocks. 2,394,965; Feb. 12.

Engelke, Ernest F., Merchantville, N. J., assignor to Cities Service Oil Company, New York, N. Y. Di-phosphorus esters and manufacturing. 2,403,792; July 9.

Engelke, Ernest F., and W. W. Odell, El Dorado, Ark., assignors to Lion Oil Company. Lubricant. 2,411,032; Nov. 12.

Engelking, Edmond H.: *See*—
Griesinger, William K., and Engelking.

Engelmann, Max, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of substituted sulphonamides. 2,394,902; Feb. 12.

Engeln, John H., assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Rotary grinder. 2,397,849; Apr. 2.

Engemann, Herbert H., Cleveland Heights, Ohio. Self cleaning and lubricating valve. 2,404,478; July 23.

Engemann, Herbert H., Cleveland Heights, Ohio. Hammer slot and floating pin assembly for automatic push rods. 2,406,817; Sept. 3.

Enger, Per Johan S., and A. Parschin, assignors to Telefonaktiebolaget L. M. Ericsson, Estockholm, Sweden. Device for the transformation of mathematical functions. 2,402,321; June 18.

Engert, Harry, Chicago, Ill. Latch. 2,403,065; July 2.

Engineering Laboratories, Incorporated, assignee: *See*—
Hayward, John T., and Cooley.

Engineering and Research Corporation, assignee: *See*—
Boyd, Chester M.
Lane, Frank B.

England, Isaac W., Passaic, N. J., and W. F. Punte, Syracuse, assignors to Continental Can Company, Inc., New York, N. Y. Apparatus for interiorly inspecting opaque containers. 2,411,991; Dec. 3.

Englander Company, Inc., The, assignee: *See*—
Dubick, Michael.

Engle, Burr N., assignor to I. M. Engle, Los Angeles, Calif. Indenting device. 2,407,821; Sept. 17.

Engle, Byron, Kansas City, Mo. Holster. 2,410,640; Nov. 5.

Engle, Edgar S., Greensburg, Pa. Dispensing system. 2,401,417; June 4.

Engle, Inga M., assignee: *See*—
Engle, Burr N.

Engle, Robert F.: *See*—
Kise, Mearl A., and Engle.

Engler, Fred E., Pukwana, assignor to L. G. Stransky, Mitchell, S. Dak. Burglar alarm device for automobiles. 2,402,111; June 11.

Engler, Herman, assignor to P. Koletzko and C. A. Hands, New York, N. Y. Preparation for treating launderable fabric articles. 2,407,635; Sept. 17.

Engler, Kyle, Fayetteville, Ark., E. L. Barger, Ames, Iowa, and A. H. Thompson, deceased, by R. G. Thompson, administratrix, assignors to Board of Trustees of the University of Arkansas, Fayetteville, Ark. Drier. 2,407,636; Sept. 17.

English, Elaine, administratrix: *See*—
English, Frank, and M. A.

English Electric Company, Limited, The, assignee: *See*—
Caldbeck, Charles J.
Mardis, Paul L.
Seewer, Paul W.

English, Frank, Pasadena, and M. A. English, San Gabriel, Calif.; Elaine English, administratrix of F. English, deceased. Hoist. 2,410,777; Nov. 5.

English, Jackson P.: *See*—
Crossley, Moses L., and English.

English, Jackson P., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparation of 4-basically substituted 2-sulphanilamidopyrimidines. 2,403,713; July 9.

English, Jackson P., Stamford, J. R. Vaughan, Jr., Greenwich, and R. O. Roblin, Jr., Old Greenwich, Conn., assignors to American Cyanamid Company, New York, N. Y. Triazolo (d) pyrimidines and methods of preparing the same. 2,407,204; Sept. 3.

English, John A., Trenton, N. J. Collapsible bar or the like. 2,411,620; Nov. 26.

English, Mark A.: *See*—
English, Frank, and M. A.

English, William H., Seattle, Wash. Mount for telescopic sights. 2,407,977; Sept. 24.

Englund, Leonard H., assignor to James H. Rhodes & Company, Chicago, Ill. Spongiform plastic abrasive pad and making it. 2,413,551; Dec. 31.

Engman, Ralph P., assignor to Eclipse Moulded Products Company, Milwaukee, Wis. Adjustable rod guide. 2,412,498; Dec. 10.

Engstrom, Ralph W., Lancaster, Pa., assignor to Radio Corporation of America. Photoelectric tube and manufacture. 2,413,222; Dec. 24.

Enkur, Edward M., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Container closure. 2,403,511; July 9.

Ennis, George H., assignor of one-half to R. V. Funk, Long Beach, Calif. Method and apparatus for electrically coring in cased bore holes. 2,397,254; Mar. 26.

Ennis, George H., assignor of one-half to R. V. Funk, Long Beach, Calif. Method of an apparatus for electrically determining the formation in wells. 2,397,255; Mar. 26.

Enos, John P., Union, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Auxiliary presser-foot lifting devices. 2,392,730; Jan. 8.

Enos, Louis H., Montclair, N. J., assignor to Curtiss-Wright Corporation. Propeller blade. 2,405,022; July 30.

Enos, Louis H., Montclair, N. J., assignor to Curtiss-Wright Corporation. Reinforced propeller blade. 2,406,457; Aug. 27.

Enright, Daniel J., Rochester, N. Y. Carburetor. 2,405,563; Aug. 13.

Ensign, Elbert E.: *See*—
Newkirk, Daniel L., and Ensign.

Enterprise Manufacturing Company of Pennsylvania, assignee: *See*—
Wormeck, Herbert A., Hess, and Braun.

Enterprise Railway Equipment Company, assignee: *See*—
Campbell, Argyle.
Zimmer, Albert E.

Epelberg, Jack: *See*—
Pfeffer, Edward C., Jr., and Epelberg.

Eppenbach, Edwin G., assignee: *See*—
Fisher, Leslie C.
Fisher, Leslie C., and Imshaug.

Eppenbach, Edwin G., Manhasset, and H. Imshaug, Flushing, N. Y.; said Imshaug assignor to said Eppenbach. Vertical mill. 2,403,914; July 16.

Eppenbach, Edwin G., Manhasset, and H. Imshaug, Flushing, N. Y.; said Imshaug assignor to said Eppenbach. Adjustable mill unit. 2,412,677; Dec. 17.

Eppler, Walter T., Cranford, and H. L. Husson, Westfield, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Forming solderless electrical conductor connections. 2,393,355; Jan. 22.

Epstein, Albert K., and M. Katzman, assignors to The Emulsol Corporation, Chicago, Ill. Emulsions. 2,398,295; Apr. 9.

Epstein, Albert K., and M. Katzman, assignors to The Emulsol Corporation, Chicago, Ill. Emollient compositions. 2,398,296; Apr. 9.

Epstein, David W., Merchantville, N. J., assignor to Radio Corporation of America. Pulse-echo position indicator. 2,412,670; Dec. 17.

Epstein, Moses P., and C. R. Barton, New York, N. Y., assignors to Industrial Rayon Corporation, Cleveland, Ohio. Method and apparatus for mounting and controlling tension of warp beams of looms. 2,413,223; Dec. 24.

Erasmus, Martha C., Krugersdorp, Transvaal, Union of South Africa. Inspection lamp for motor vehicles and the like. 2,407,737; Sept. 17.

Erb, George H., South Orange, assignor to Federal Telephone and Radio Corporation, Newark, N. J. Rotary switch. 2,406,818; Sept. 3.

Erdle, Reiner W., assignor to Dental Research Corporation, Chicago, Ill. Ceramic article and material and coloring or shading the same. 2,406,208; Aug. 20.

Erdman, Theodore J., assignor to The Van Brunt Manufacturing Co., Horicon, Wis. Grain drill. 2,400,745; May 21.

Erffmeyer, Robert M., Milwaukee, Wis. Clasp for bracelets or the like. 2,401,145; May 28.

Erickson, Alfred E., Charlotte, Mich. Bleeding instrument. 2,399,011; Apr. 23.

Erickson, Arvid M., San Jose, and J. D. Ryan, Campbell, assignors to Barron-Gray Packing Company, San Jose, Calif. Fruit treatment. 2,408,418; Oct. 1.

Erickson, Carl E., Kalamazoo, Mich. Carpet and rug cleaning machine. 2,407,408; Sept. 10.

Erickson, Edwin R., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Distillation of polymerizable compounds. 2,397,653; Apr. 2.

Erickson, George L., Hasbrouck Heights, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Automatic signal bias correction. 2,401,343; June 4.

Erickson, John E., East Grand Forks, Minn. Harvester. 2,403,271; July 2.

Erickson, John E., Phoenix, Ariz. Air compressor. 2,408,765; Oct. 8.

Ericson, Alfred C., and B. T. Anderson, assignors to Sundstrand Machine Tool Co., Rockford, Ill. Unitary controller. 2,393,093; Jan. 15.

Ericson, George R., Kirkwood, assignor to Carter Carburetor Corporation, St. Louis, Mo. Carburetor. Re. 22,742; Apr. 9.

Ericson, Swen H. R.: *See*—
Minarik, Anthony, Jr., and Ericson.

Ericsson, Gustaf G. A., assignor to A.-B. Ljussignaler, Lund, Sweden. Recording apparatus. 2,409,745; Oct. 22.

Erie Mining Company, assignee: *See*—
De Vaney, Fred D.
Firth, Charles V.

Eriksson, Erik E., Base Line, Mich. Recording device for automobiles. 2,408,302; Sept. 24.

Erland af Kleen, Nils, Stockholm, Sweden, assignor to Kleen Refrigerator, Inc., Hoboken, N. J. Intermittent absorption or adsorption refrigerating apparatus. 2,393,241; Jan. 22.

Erland af Kleen, Nils, Stockholm, Sweden, assignor to Kleen Refrigerator, Inc., Hoboken, N. J. Intermittent absorption or adsorption type refrigeration. 2,401,233; May 28.

Erlenmeyer, Hans, Basle, Switzerland, assignor to Ciba Pharmaceutical Products Incorporated, Summit, N. J. 2-amino-4:5-trimethylene-thiazole. 2,400,689; May 21.

Erminger, Durward B., Maywood, Ill., assignor to International Harvester Company. Service inspection manual. 2,407,067; Sept. 3.

Ernest, James, New York, N. Y. Auxiliary propeller for airplanes. 2,403,353; July 2.

Ernsberger, Maurice L., Wilmington, Del., and A. S. Gregory, Camp Carson, Colo., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing cellulose ester in fiber form. 2,396,165; Mar. 5.
Ernst, Earl A., Bakersfield, Calif. Sack jigger. Re. 22,740; Apr. 2.
Ernst, Fred, Inglewood, assignor to G. H. Hall, Los Angeles, Calif. Piston ring. 2,400,109; May 14.
Ernst, Hans, assignor to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Sensitive control mechanism. 2,404,127; July 16.
Ernst, Hans, D. A. Grieb, and M. Field, assignors to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Machine tool vibration dampener. 2,412,499; Dec. 10.
Ernst, Robert C., Louisville, Ky., assignor, by mesne assignments, to General American Transportation Corporation, Chicago, Ill. Treatment of fish water. 2,403,174; July 2.
Ernst, Walter: *See*—
MacMillin, Howard F., Ernst, and Waldie.
Ernst, Walter, Mount Gilead, Ohio, assignor to The Hydraulic Development Corporation, Inc., Wilmington, Del. Control system. 2,408,303; Sept. 24.
Ernst, Walter, Mount Gilead, Ohio, assignor to the Hydraulic Development Corp., Inc., Wilmington, Del. Hydraulic system. 2,410,869; Nov. 12.
Ernst, Walter, Mount Gilead, Ohio, assignor to The Hydraulic Development Corporation, Inc., Wilmington, Del. Hydraulic press system. 2,411,716; Nov. 26.
Errig, William F., and E. S. De Hart, assignors to Peco Manufacturing Corporation, Philadelphia, Pa. Fuse. 2,405,023; July 30.
Erson, Erik G.: *See*—
Stevens, Roy R., and Erson.
Erwood Co., The, assignee: *See*—
Erwood, Joseph and John.
Erwood, John: *See*—
Erwood, Joseph and John.
Erwood, Joseph and John, assignors to The Erwood Co., Chicago, Ill. Phonograph record changer. 2,394,539; Feb. 12.
Erwood, Joseph, and H. Holter, assignors, by mesne assignments, to J. P. Seeburg Corporation, Chicago, Ill. Multiple record phonograph. 2,397,932; Apr. 9.
Esch, Gladden H., Dearborn, Mich. Winch. 2,404,368; July 23.
Escoffery, Charles A., East Orange, N. J., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Roughening steel. 2,411,532; Nov. 26.
Esdaile, Edward W., Sydney, New South Wales, Australia. Suspension for compasses and similar instruments. 2,403,354; July 2.
Eserkaln, Theodore F.: *See*—
Armitage, Joseph B., and Eserkaln.
Esher, Frederick N.: *See*—
Van Auken, Howard C., and Esher.
Eskenazi, Alfred: *See*—
Bergier, Jacques, Eskenazi, and Helbronner.
Eskew, Roderick K.: *See*—
Stamberger, Paul, Eskew, and Hanslick.
Eskew, Roderick K., Glenside, and P. W. Edwards, Philadelphia, Pa., assignors to United States of America as represented by Claude R. Wickard, Secretary of Agriculture, and his successors in office. Recovering rubber from fleshy plants. 2,393,035; Jan. 15.
Eskil, Rolf M., Phoenix, Ariz. Beam compass. 2,400,343; May 14.
Eskin, Samuel G.: *See*—
Strobel, Charles K., and Eskin.
Eskin, Samuel G., Pittsburgh, assignor to Robertshaw Thermostat Company, Youngwood, Pa. Safety control apparatus for gaseous fuel burners. 2,398,215; Apr. 9.
Eskin, Samuel G., Pittsburgh, assignor to Robertshaw Thermostat Company, Youngwood, Pa. Flame sensitive device. 2,412,977; Dec. 24.
Eskin, Samuel G., and C. K. Strobel, Pittsburgh, assignors to Robertshaw Thermostat Company, Youngwood, Pa. Safety control systems for fuel burners. 2,397,311; Mar. 26.
Eskin, Samuel G., and C. K. Strobel, Pittsburgh, assignors to Robertshaw Thermostat Company, Youngwood, Pa. Safety control for gaseous fuel burners. 2,406,752; Sept. 3.
Espley, Dennis C., North Wembley, assignor to The General Electric Company Limited, London, England. High-frequency electric transmission system. 2,401,344; June 4.
Espley, Dennis C., North Wembley, assignor to The General Electric Company Limited, London, England. Electric switch. 2,401,863; June 11.
Espley, Dennis C., North Wembley, assignor to The General Electric Company Limited, London, England. Electrical apparatus adapted to operate at very high frequencies. 2,402,540; June 25.
Espley, Dennis C., North Wembley, assignor to The General Electric Company Limited, London, England. Switch for high-frequency electrical oscillations. 2,404,832; July 30.
Espley, Dennis C., North Wembley, assignor to The General Electric Company Limited, London, England. Variable impedance transformer. 2,408,745; Oct. 8.
Esselen, Gustavus J.: *See*—
Wilson, Frank E., Esselen, and D'Alelio.
Essential Oil Producers, Inc., assignee: *See*—
Nelson, Richard C.
Essex Research Corporation, assignee: *See*—
Heuer, Russell P.
Essex Royalty Corporation, assignee: *See*—
Andresen, Kurt H.
Essick, Bryant, Los Angeles, Calif. Evaporative cooler. 2,404,479; July 23.
Essig, Sanford F., Fort Wayne, Ind., assignor to Farnsworth Television and Radio Corporation. Television control system. 2,407,485; Sept. 10.
Esson, Edwin, assignor to Locke Stove Company, Kansas City, Mo. Stove for burning solid fuels and an ash container therefor. 2,408,921; Oct. 8.
Esson, Edwin, assignor to Locke Stove Company, Kansas City, Mo. Stove. 2,410,576; Nov. 5.
Esterer, Arnulf K.: *See*—
Katz, Donald L., and Esterer.
Esterly, Amos R.: *See*—
Magrane, Hohn K., Esterly, and Davies.
Estes, Donald H., Lincoln Acres, assignor to Rohr Aircraft Corporation, Chula Vista, Calif. Pokeweld gun. 2,402,275; June 18.
Estes, Rufus B., assignor to Leland T. Coffey, Knoxville, Tenn. Occupant steered and propelled vehicle. 2,402,880; June 25.
Esval, Orland E.: *See*—
Beach, Lennox F., Esval, and Lane.
Haskins, Robert, Jr., and Esval.
Esval, Orland E., Huntington, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Transformer pick-off. 2,407,657; Sept. 17.
Esval, Orland E., Huntington, and R. S. Curry, Jr., Baldwin, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Electric discharge means for controlling position. 2,392,370; Jan. 8.
Etched Products Corporation, assignee: *See*—
Nowatius, Joseph.
Etchells, Eugene B., assignor to General Motors Corporation, Detroit, Mich. Making bearings. 2,403,645; July 9.
Eterpen, S. A.: *See*—
Biro, Laszlo J.
Van Spankeren, Gerardo H.
"Eterpen" Sociedad Anonima Financiera, assignee: *See*—
Biro, Laszlo J.
Van Spankeren, Gerardo H.
Ethridge, John H., assignor of one-half to V. Zitz, Seattle, Wash. Fish cage. 2,413,552; Dec. 31.
Ethyl Corporation, assignee: *See*—
Bartholomew, Earl.
Heron, Sam D.
Etten, Nicholas L., Waterloo, Iowa. Pivotal frame wringer. 2,406,066; Aug. 20.
Etzel, Clarence, assignee: *See*—
Brown, Glenn C.
Etzel, Gastao, Newark, and T. E. Dillon, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Making transparent camphor tablets. 2,395,321; Feb. 19.
Euclid Road Machinery Co., The, assignee: *See*—
Armington, Raymond Q.
Armington, Stewart F.
Armington, Stewart F., and Double.
Eulenstein, Fritz, Cologne-on-the-Rhine, and A. Krus, Sturzelberg uber Neuss II, Germany; vested in the Alien Property Custodian. Producing iron or iron alloys. 2,401,146; May 28.
Eureka Vacuum Cleaner Company, assignee: *See*—
Lawton, Harvey B.
Eureka Williams Corporation, assignee: *See*—
Chapman, Archibald J.
Coss, George R.
Foley, Charles F.
Hahn, Paul T.
Hammell, Kemper M.
Severance, Glen R.
Thomas, Ray G.
Eurit, Carl C., Tulsa, Okla. Air-cooled brake shoe. 2,406,067; Aug. 20.
Euth, John E., Chicago, Ill., assignor to United Autographic Register Co. Stationary feeding device for typewriting machines. 2,400,226; May 14.
Evans, Arthur G., Canton, Ill., assignor to International Harvester Company. Tractor mounted implement. 2,395,322; Feb. 19.
Evers, Arthur J., Brooklyn, N. Y., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Sheet cutting and creasing press. 2,413,553; Dec. 31.
Evers, Arthur J., Brooklyn, N. Y., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Sheet cutting and creasing press. 2,413,554; Dec. 31.
Evans, Benjamin A., Cuyahoga Falls, assignor to The B. F. Goodrich Company, New York, N. Y. Pressing apparatus. 2,396,042; Mar. 5.
Evans, Cyril D., Peoria, assignor, by mesne assignments, of one-half to A. E. Staley Manufacturing Company, Decatur, Ill., and one-half to American Maize-Products Company, New York, N. Y. Modified zein products. 2,402,128; June 18.

Evans, Cyril D., and R. H. Manley, Peoria, Ill., assignors to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and to his successors in office. Prevention of gelation of solutions or dispersions of prolamines. 2,392,084; Jan. 1.
Evans, David J., London, assignor to E. C. D. Limited, Tonbridge, England. Dispensing apparatus. 2,396,043; Mar. 5.
Evans, David W. T., Sutton Coldfield, assignor to T. I. (Group Services) Limited, Birmingham, England. Apparatus for dipping tubes, bars, and the like. 2,410,023; Oct. 29.
Evans, Douglas N., Gary, Ind. Bearing seal cartridge. 2,405,129; Aug. 6.
Evans, Elliott A., and J. S. Elliott, Beaconsfield, England. Lubricating composition. 2,396,839; Mar. 19.
Evans, Eugene M., assignor of one-fifth to E. J. Tietjen, Jefferson City, Mo. Fluid motor. 2,412,877; Dec. 17.
Evans, Francis C.: *See*—
Bloser, Dwight W., and Evans.
Evans, Francis C., Dongan Hills, N. Y., assignor to American District Telegraph Company, Jersey City, N. J. Signaling system. 2,410,814; Nov. 12.
Evans, Francis C., Dongan Hills, N. Y., assignor to American District Telegraph Company, Jersey City, N. J. Fixed temperature responsive device. 2,413,490; Dec. 31.
Evans, George S., East Orange, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Coating cathodes. 2,411,250; Nov. 19.
Evans, Guy J., Buffalo, N. Y. Foldable box. 2,394,850; Feb. 12.
Evans, Guy J., Buffalo, N. Y. Folding box. 2,405,564; Aug. 13.
Evans, Guy J., Buffalo, N. Y. Foldable box. 2,410,486; Nov. 5.
Evans, Harold W., Wilkes-Barre, Pa. Gun mount. 2,409,618; Oct. 22.
Evans, Hector C.: *See*—
Van Gilder, Carll F., and Evans.
Evans, Hector C., Cranford, and D. W. Young, Roselle, N. J., assignors to Standard Oil Development Company. Oil blend. 2,411,150; Nov. 19.
Evans, Herbert C., Ventura, Calif. Collapsible horse or support. 2,399,861; May 7.
Evans, James W., St. Paul, Minn., assignor to General Mills, Inc., a corporation of Delaware. Nongelling starch composition. 2,400,402; May 14.
Evans, John, Kingston, N. J., assignor to Radio Corporation of America. System for forming images of heat-radiating objects. 2,403,063; July 2.
Evans, John, Kingston, N. J., assignor to Radio Corporation of America. Apparatus for deforming thin diaphragms. 2,403,915; July 16.
Evans, John, Kingston, N. J., assignor to Radio Corporation of America. Pulse signaling system. 2,411,130; Nov. 12.
Evans, John, Palmyra, N. J., assignor to Radio Corporation of America. Radio device for indicating doppler effect. 2,407,000; Sept. 3.
Evans, John, Palmyra, N. J., assignor to Radio Corporation of America. Electric discharge device. 2,408,383; Oct. 1.
Evans, John, Palmyra, N. J., assignor to Radio Corporation of America. Duplex radio system. 2,410,641; Nov. 5.
Evans, John O., Jr., U. S. Army, Washington, D. C. Cartridge for guns. 2,410,435; Nov. 5.
Evans, Lewis W., Pittsfield, Mass., assignor to General Electric Company. Electrical connector. 2,409,200; Oct. 15.
Evans, Louis P.: *See*—
Simpson, Thomas P., Payne, and Evans.
Evans, Louis P., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Method and apparatus for hydrocarbon conversion. 2,412,135; Dec. 3.
Evans, Louis P., Woodbury, and E. E. Ray, Mantua, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Method and apparatus for hydrocarbon conversion. 2,393,893; Jan. 29.
Evans, Louis P., Woodbury, and F. E. Ray, Mantua, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Method and apparatus for hydrocarbon conversion. 2,412,136; Dec. 3.
Evans, Morris S., Buffalo, N. Y., and E. C. Stolberg, Glen Ridge, N. J., assignors to American Car and Foundry Company, New York, N. Y. Process and apparatus for scaling hot metal objects. 2,394,514; Feb. 5.
Evans Products Company, assignee: *See*—
Eames, Charles.
Evans, Ralph M., and W. T. Hanson, Jr., assignors to Eastman Kodak Company, Rochester, N. Y. Photographic tone correction mask. 2,405,739; Aug. 13.
Evans, Randolph, Bronxville, N. Y. Bathroom unit. 2,396,992; Mar. 19.
Evans, Theodore W., Oakland, assignor to Shell Development Company, San Francisco, Calif. Manufacture of olefin oxides. 2,404,438; July 23.
Evans, Theodore W., Oakland, assignor to Shell Development Company, San Francisco, Calif. Toxic composition. 2,411,566; Nov. 26.
Evans, Theodore W., Oakland, and D. E. Adelson, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Convertible alkyd resins. 2,399,214; Apr. 30.
Evans, Theodore W., Oakland, R. C. Morris, Berkeley, and E. C. Shokal, Oakland, assignors to Shell Development Company, San Francisco, Calif. Separation of diolefins by azeotropic distillation. 2,408,922; Oct. 8.
Evans, Theodore W., Oakland, and A. G. Cattaneo, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Motor fuels. 2,409,746; Oct. 22.
Evans, Theodore W., Oakland, W. E. Vaughan, and F. F. Rust, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Catalyzed abnormal addition reactions. 2,411,961; Dec. 3.
Evans, Vern D.: *See*—
Karbach, Arthur P., Jr., and Evans.
Evans, Wesley W., Asheboro, N. C. Bookmark. 2,394,372; Feb. 5.
Evans, William A., Melfort, Saskatchewan, Canada. Shoe construction. 2,397,413; Mar. 26.
Evans, William I., Los Angeles, Calif. Convertible appliance stand and service table. 2,409,348; Oct. 15.
Evans, William J. R., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Manufacture of vinyl ethers. 2,404,700; July 23.
Evans, William J. R., Manchester, England, assignor to Imperial Chemical Industries Limited. Manufacture of vinyl n-butyl ether. 2,406,674; Aug. 27.
Evansville on the Air, Inc., assignee: *See*—
Conaway, John B.
Even-Pul Foundations, Inc., assignee: *See*—
Rosner, Irving.
Everel Propeller Corporation, assignee: *See*—
Hackethal, Paul F.
Everett, Charles E., assignor to The Massey-Harris Company, Racine, Wis. Power take-off for tractors. 2,399,795; May 7.
Everett, Earl A., assignee, et. al.: *See*—
Gerhardt, Fred P.
Everett, Samuel J., Thornton Heath, assignor to James A. Jobling & Company Limited, Sunderland, England. Glass manufacture. 2,393,979; Feb. 5.
Everett, Samuel J., Thornton Heath, assignor to James A. Jobling & Company Limited, Sunderland, England. Glass manufacture. 2,396,254; Mar. 12.
Evering, Bernard L.: *See*—
D'Ouville, Edmond L., and Evering.
Shoemaker, Bernard, and Evering.
Evering, Bernard L., and E. L. d'Ouville, assignors to Standard Oil Company, Chicago, Ill. Hydrocarbon conversion system. 2,400,922; May 28.
Evering, Bernard L., Chicago, Ill., and A. P. Lien, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Desalting crude oils. 2,400,985; May 28.
Evering, Bernard L., Chicago, Ill., E. L. d'ouville, Pittsburgh, Pa., and D. R. Carmody, Newton, Iowa, assignors to Standard Oil Company, Chicago, Ill. Polymerization of olefins. 2,407,873; Sept. 17.
Everley, Paul S., San Francisco, Calif. Cable clamp. 2,401,418; June 4.
Eversharp, Inc., assignee: *See*—
Cloutier, George D.
Evershed & Vignoles Limited, assignee: *See*—
Needham, John C.
Evert, Charles W.: *See*—
Glascoff, Walter G., Jr., and Evert.
Evert, Ralph W., Detroit, Mich., assignor to United States Rubber Company, New York, N. Y. Apparatus for measuring tires. 2,408,746; Oct. 8.
Ewald, Raymond L., and H. A. Skog, Olympia, Wash., assignors to Special Equipment Company, Portland, Oreg. Fruit treating machine. 2,398,780; Apr. 23.
Ewaldson, Waldemar C., Millington, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Distributing apparatus. 2,407,542; Sept. 10.
Ewaldson, Waldemar C., Millington, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Strand forming apparatus. 2,409,670; Oct. 22.
Ewart, John M., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Mount for machine guns. 2,403,591; July 9.
Ewbank, Walter J.: *See*—
Briggs, Southwick W., Bauer, Ewbank, and Porter.
Eweson, Eric W., New York, N. Y. Fertilizer and making same. 2,392,811; Jan. 15.
Eweson, Eric W., New York, N. Y. Culture of yeast. 2,401,819; June 11.
Eweson, Eric W., New York, N. Y. Smoker's article. 2,410,487; Nov. 5.
Ewing Development Company, assignee: *See*—
Ewing, Walkley B.
Ewing, Esther P., New York, N. Y. Corset drying frame. 2,393,460; Jan. 22.
Ewing, Frederick J., Pasadena, assignor to Filtrol Corporation, Los Angeles, Calif. Catalysts and catalytic processes. 2,410,436; Nov. 5.
Ewing, Frederick J., Pasadena, and R. A. Lovett, East Los Angeles, assignors to Filtrol Corporation, Los Angeles, Calif. Desiccant. 2,409,263; Oct. 15.
Ewing, John L., San Marino, assignor to General Controls Co., Glendale, Calif. Reset valve. 2,395,470; Feb. 26.

Ewing, Walkley B., Frankfort, assignor to Ewing Development Company, Bay City, Mich. Machine for making sun screens. 2,405,197; Aug. 6.

Ewing, Walkley B., Frankfort, assignor to Ewing Development Company, Bay City, Mich. Means for controlling advancement of stock. 2,405,198; Aug. 6.

Ewins, Arthur J., Romford, assignor to May & Baker Limited, Dagenhaur, England. Diamidines. 2,395,471; Feb. 26.

Exact Weight Scale Company, The, assignee: *See*— Pounds, Richard T.

Excel Auto Radiator Company, assignee: *See*— Briskin, Theodore S., Zivny, Schellschmidt, and Gollck.

Excell, Arthur W.: *See*— Thomas, Arthur, and Excell.

Ex-Cell-O Corporation, assignee: *See*— Alden, Carroll R.
Archer, Charles E.
Dare, Curtis T.
Eichelman, William H.
Freisen, Edward C.
Gilbert, Harold H.
Markstrum, John A.
Mathys, Max A.
Oakley, Sterling A.
Palmer, Jacob H.
Russell, George L.
Schantz, John J.
Selnes, Alf K.
Seyferth, Harold N.
Wellstein, Wilhelm.

Exercycle Corporation, assignee: *See*— Bergfors, Gordon.

Exeter Brass Company, The, assignee: *See*— Wentworth, Frank E.

Exhibit Supply Company, The, assignee: *See*— Solinski, Charles A.

Exner, Donald W., Lima, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Automatic synchronizing system. 2,392,469; Jan. 8.

Expanded Rubber Company Limited, assignee: *See*— Cooper, Alfred, and Partington.

Eyelet Specialty Company, The, assignee: *See*— Book, Charles R.

Eyles, Thomas H., assignor to Fosgood Corporation, Leominster, Mass. Toggle system for injection molding machines. 2,407,978; Sept. 24.

Eynon, Thomas M., Philadelphia, Pa. Exercising device. 2,405,024; July 30.

Eyre, Charles M. Le G., and J. O. Gilderdale, London, England, assignors, by mesne assignments, to International Standard Electric Corporation, New York, N. Y. Frequency changing network. 2,408,053; Sept. 24.

Eysenbach, John W.: *See*— Walton, William T., and Eysenbach.

F & H Manufacturing Company, assignee: *See*— Clark, Hiram S. and Head.

F. N. F. Limited, assignee: *See*— Donisthorpe, Henry W.
Peel, Robert.

Faben, Charles R., Toledo, Ohio. Aircraft landing runway. 2,405,092; July 30.

Fabia, Manuel A. G.: *See*— Clausen, Heriberto E. G. J., and Fabia.

Fabritius, Emil, assignee: *See*— Löwenstein, Alfons.

Fagan, Christopher P., Danbury, England, assignor to Radio Corporation of America. Coating surfaces with powder. 2,407,146; Sept. 3.

Fagan, Joseph S., Los Angeles, Calif. Floor furnace. 2,410,488; Nov. 5.

Fagel, Walter C., Schenectady, N. Y. Wrench. 2,395,541; Feb. 26.

Fagen, William F.: *See*— Farr, Willard H., and Fagen.

Fageol, Louis J., assignee: *See*— Cole, Richard R.

Fageol, William B., assignor to Twin Coach Company, Kent, Ohio. Vehicle suspension. 2,404,794; July 30.

Fagnant, John A.: *See*— Maxson, Walter L., Fagnant, and Baxa.

Fahlstedt, Curt H., Stockholm, Sweden. Index. 2,401,060; May 28.

Fahnestock, Frank C., Haddonfield, N. J., and W. A. Hagerbaumer, Haverford Township, Delaware County, Pa., assignors to Socony-Vacuum Oil Company, Incorporated. Making acid reagents. 2,407,822; Sept. 17.

Fahrenwald, Arthur W., Moscow, Idaho. Flotation machine. 2,406,532; Aug. 27.

Fahrney, Delmer S., U. S. Navy, Chevy Chase, Md. Glider. 2,399,215; Apr. 30.

Fahrney, Delmer S., U. S. Navy. Flying aircraft carrier. 2,399,216; Apr. 30.

Fahrney, Delmer S., U. S. Navy. Airplane carrier glider. 2,399,217; Apr. 30.

Fails, George T.: *See*— Kinnear, Reginald A., Chamberlain, McCanne, Fails, and Gordon.

Fair, William F., Jr., Pittsburgh, Pa., assignor, by mesne assignments, to Koppers Company, Inc. Bituminous composition and manufacturing the same. 2,395,041; Feb. 19.

Fair, William F., Jr., Pittsburgh, Pa., assignor, by mesne assignments, to Koppers Company, Inc. Bituminous paint composition. 2,395,853; Mar. 5.

Fair, William F., Jr., Pittsburgh, Pa., assignor, by mesne assignments, to Koppers Company, Inc. Bituminous flashing cement for cold application. 2,396,690; Mar. 19.

Fairbank, Murry N., Weston, and D. P. Cooper, Jr., assignors to Polaroid Corporation, Cambridge, Mass. Mold for use in the manufacture of optical elements. 2,406,361; Aug. 27.

Fairbanks, Morse & Co., assignee: *See*— Anderson, Gordon R.
Gebert, Sever C.
Hobart, Franklin G.
Kuttner, Julius.
Schott, Rudolph D.
Schreck, Henry.

Fairchild Camera and Instrument Corporation: *See*— Roters, Herbert C.

Fairchild Camera and Instrument Corporation, assignee: *See*— Doyle, Irving W., and Hale.
Doyle, Irving W., Nash and Stellwagen.
Doyle, Irving W., and White.
Moore, David W., Jr.
Roters, Herbert C.

Fairchild Engine and Airplane Corporation, assignee *See*— De Pew, Chester C.
Gregory, Alfred T.
Zapp, Frederick M.

Fairchild, Polley & Eliel, Inc., assignee: *See*— Wills, John A., and Wheaton.

Fairchild, Sherman M., New York, N. Y., assignor, by mesne assignments, to William B. Scarborough, Englewood, N. J., trustee. Structural unit and making structures therewith. 2,392,844; Jan. 15.

Fairey Aviation Company Limited, The, assignee: *See*— Forsyth, Archibald G.

Fairfield Manufacturing Company, assignee: *See*— Boor, Francis H.

Fairley, Herbert C., Pacific Grove, Calif. Electric roller iron. 2,401,820; June 11.

Faith, Herman E., Indianapolis, Ind., assignor to Allied Laboratories, Inc., Kansas City, Mo. Production of methyl formylchloroacetate. 2,405,820; Aug. 13.

Fajans, Edgar, Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Coated hygroscopic salts. 2,413,491; Dec. 31.

Falcetti, Steve, Forest Hills, N. Y. Garment hanger and garment suspender device. 2,398,138; Apr. 9.

Falco, Louis A., assignor to The Dextone Company, New Haven, Conn. Bathtub. 2,407,738; Sept. 17.

Falconer, Kenneth A., Auburn, Mass. Method and apparatus for applying asbestos to wire. 2,410,815; Nov. 12.

Falese, Floyd, Carpentersville, Ill. Leather cleaning or deglazing machine. 2,392,237; Jan. 1.

Falge, Robert N., G. W. Onksen, Jr., and W. R. Goris, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Black-out headlamp. 2,403,646; July 9.

Falk Corporation, The, assignee: *See*— Bade, Alfred G.

Falk, George E., Silver Spring, Md., assignor to the United States of America, as represented by the Secretary of the Navy. Battery removing tool. 2,395,998; Mar. 5.

Falk, Irvin V., Union, N. J., assignor to Reeves Pulley Company, Columbus, Ohio. Propeller governor tester. 2,410,155; Oct. 29.

Falk, Irving M., assignor to The Nu Pocket Method Co., Philadelphia, Pa. Pocket construction for trousers. 2,409,025; Oct. 8.

Falk, Marcus, Boston, Mass. Propelling device. 2,404,044; July 16.

Falk, Morris, Leominster, assignor to Independent Lock Company, Fitchburg, Mass. Spindle lock. 2,400,403; May 14.

Falk, Morris, Leominster, assignor to Independent Lock Company, Fitchburg, Mass. Door latch operating mechanism. 2,401,559; June 4.

Falk, Morris, Leominster, assignor to Independent Lock Company, Fitchburg, Mass. Laminated lock. 2,409,424; Oct. 15.

Falkenberg, Douglas R., Lakewood, Ohio. Drapery mounting. 2,409,425; Oct. 15.

Falkenstein, Ruth H., Jefferson Township, Allegheny County, Pa. Folding work stand. 2,392,584; Jan. 8.

Falla, Fernando, Maplewood, N. J., assignor to Foster Wheeler Corporation, New York, N. Y. Steam generator. 2,402,993; July 2.

Fallert, Clifford D., assignor to Gaylord Container Corporation, St. Louis, Mo. Container. 2,393,356; Jan. 22.

Fallesen, George E., and J. A. Leermakers, assignors to Eastman Kodak Company, Rochester, N. Y. Salicylamide antifoggant. 2,393,763; Jan. 29.

Fallesen, George E., and J. A. Leermakers, assignors to Eastman Kodak Company, Rochester, N. Y. Substituted acid amide antifoggants. 2,394,600; Feb. 12.

Fallon, John, Smethwick, England. Conveyor mechanism for furnaces and other apparatus. 2,412,724; Dec. 17.

Fancher, Robert N., Springfield, Mo. Quilting frame. 2,408,205; Sept. 24.

Fanelli, Rocco: *See*— Bacon, Raymond F., and Fanelli.

Fankhanel, James W., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Cap. 2,392,238; Jan. 1.

Fankuchen, Isidor, Brooklyn, N. Y. Orientation of crystals. 2,392,528; Jan. 8.

Fant, William J., Jr., assignor to Bendix Aviation Corporation, South Bend, Ind. Control for fluid pressure power devices. 2,393,524; Jan. 22.

Farber, Eduard: *See*— Wallerstein, James S., Farber, and Dayton.

Farber, S. W., Inc., assignee: *See*— Foster, Hoyt K.

Farboil Paint Company, Inc., assignee: *See*— Swartz, Milton D., and Yellott.

Farfan, Fernand T., Port-of-Spain, Trinidad. Grinding mill. 2,394,048; Feb. 5.

Farinacci, Nicholas T., Wilmington, and W. J. Kirkpatrick, Marshalltown assignors to Hercules Powder Company, Wilmington, Del. Terpene separation. 2,393,894; Jan. 29.

Faris, Harold P., Philadelphia, Pa., and J. E. White, Trenton, N. J., assignors to National Automotive Fibres, Inc., Detroit, Mich. Sifting device. 2,392,812; Jan. 15.

Faris, Harold P., Philadelphia, Pa., and J. E. White, Trenton, N. J., assignors to National Automotive Fibres, Inc., Detroit, Mich. Tension device for sheet material. 2,398,822; Apr. 23.

Farkas, Adalbert, and A. F. Stribley, Jr., Long Beach, assignors to Union Oil Company of California, Los Angeles, Calif. Oxidation. 2,410,642; Nov. 5.

Farkas, George B.: *See*— Elder, Frederick T., Farkas, and Gunter.

Farkas, George B., Jackson Heights, assignor to American Locomotive Company, New York, N. Y. Constant load-supporting device. 2,395,730; Feb. 26.

Farley, Brian, Coolabah, Yenda, New South Wales, Australia. Delving machine. 2,410,969; Nov. 12.

Farley & Loetscher Manufacturing Company, assignee: *See*— Loetscher, John A.
Triller, Benjamin J.

Farlow, Mark W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of alkylaminoalkanethiols. 2,401,234; May 28.

Farlow, Mark W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Process. 2,406,362; Aug. 27.

Farlow, Mark W., and W. A. Lazier, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical process. 2,402,541; June 25.

Farlow, Mark W., and F. K. Signaigo, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing thiols. 2,402,613; June 25.

Farlow, Mark W., and F. K. Signaigo, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Catalytic process. 2,402,614; June 25.

Farlow, Mark W., and F. K. Signaigo, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Catalytic process and products. 2,402,615; June 25.

Farmer, Earl W., Wayzata, Minn. Construction toy element. 2,410,409; Nov. 5.

Farmer, Edward B., Newton, and E. L. Lawson, Allston, assignors to General Control Company, Boston, Mass. Electric switch. 2,411,086; Nov. 12.

Farmer, Harold C., Rosemont, Pa., and S. T. Powell, Baltimore, Md. Treatment of boiler water. 2,395,260; Feb. 19.

Farmer, Harold O., assignor to Alan Muntz & Company Limited, Hounslow, England. Nonreturn valve. 2,408,056; Sept. 24.

Farmer, Harold O., assignor to Alan Muntz & Company Limited, Hounslow, England. Internal-combustion engine of the free piston type. 2,408,057; Sept. 24.

Farness, Albert H., assignee, et al.: *See*— Henjum, Gerald J.

Farnsworth, Fordyce B.: *See*— Doster, Howard G., Hanlon, and Farnsworth.

Farnsworth Television and Radio Corporation, assignee: *See*— Bielski, Alex J., and Luckock.
Brown, William T.
Buckbee, John A.
Cawein, Madison.
Essig, Sanford F.
Hallmark, Clyde E.
Halstead, William S.
Halstead, William S., and Lord.
Kibler, Paul J.
Mayle, Louis F.
Meyer, Raymond E.
Rasley, Donald R.
Schantz, Joseph D.
Weaver, Jerald D.

Farr, Henry O. Jr., Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Coating material. 2,392,135; Jan. 1.

Farr, Henry V., Ferguson, Mo., and J. R. Ruhoff, Bronxville, N. Y., assignors to Mallinckrodt Chemical Works, St. Louis, Mo. Ammonium thiosulfate. 2,412,607; Dec. 17.

Farr, James A.: *See*— Pratt, Carl D., and Farr.

Farr, Warren H., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Finned cylinder. 2,393,036; Jan. 15.

Farr, Warren H., Grosse Pointe Farms, Mich., assignor, by mesne assignments, to the United States of America, as represented by the Secretary of War. Projectile. 2,402,809; June 25.

Farr, Warren H., Detroit, Mich., and J. P. Tarbox, assignors to Budd Wheel Company, Philadelphia, Pa. Heat transfer means. 2,401,235; May 28.

Farr, Willard H., and W. F. Fagen, assignors to Stewart-Warner Corporation, Chicago, Ill. Gas detection apparatus. 2,400,923; May 28.

Farr, William W., Grosse Pointe Park, Mich., assignor, by mesne assignments, to United States of America. Self-propelling projectile. 2,398,927; Apr. 23.

Farr, William W., Grosse Pointe Farms, Mich., assignor, by mesne assignments, to the Government of the United States of America, as represented by the Secretary of War. Reaction propulsion device. 2,398,928; Apr. 23.

Farrall, Arthur W., Wilmette, assignor to The Creamery Package Mfg. Company, Chicago, Ill. Butter manufacture. 2,406,819; Sept. 3.

Farrance, Harry F., Jersey City, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Measuring device. 2,399,012; Apr. 23.

Farrance, Harry F., Jersey City, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Measuring apparatus. 2,401,920; June 11.

Farrar, John F. P., assignor to Chicago Metal Hose Corporation, Maywood, Ill. Shaping apparatus for tubelike articles. 2,402,490; June 18.

Farrel-Birmingham Company, Incorporated, assignee: *See*— Winslow, Albert E.

Farrell, Eugene F.: *See*— Neumann, George R., and Farrell.

Farrell, Francis J., Philadelphia, Pa., assignor, by mesne assignments, to M. and G. A. Lindabury, trading as H. R. Lindabury and Sons and New Jersey Fence Company, Burlington, N. J. Composition of matter for making road markers, laying floors, and the like. 2,393,525; Jan. 22.

Farrell, James K.: *See*— Julien, Arlie P., and Farrell.

Farrell, James K., assignor to Hercules Powder Company, Wilmington, Del. Preparing a dry size. 2,411,824; Nov. 26.

Farrell, John D., assignor to The Foote Company, Inc., Nunda, N. Y. Brace structure. 2,413,302; Dec. 31.

Farrell, Robert W., New York, N. Y. Film viewing device. 2,408,384; Oct. 1.

Farrell, William, Philadelphia, Pa. Electric machine. 2,394,296; Feb. 5.

Farrell, William P., Rosedale, assignor to Universal Lubricating Systems, Inc., Oakmont, Pa. Lubricant-carrying means. 2,397,342; Mar. 26.

Farries, Jack D., Petersburg, Va. Non-friction bearing ball dispenser. 2,407,409; Sept. 10.

Farrington, John F., Tilton, N. H., assignor, by mesne assignments, to Hazeltine Research, Inc., Chicago, Ill. Electronic switch. 2,413,440; Dec. 31.

Farrington, Robert K.: *See*— Farrington, Thayer B., Keller, and Farrington.

Farrington, Thayer B., Cleveland Heights, W. T. Keller, Cleveland, and R. K. Farrington, Cleveland Heights, assignor to The Thompson Electric Company, Cleveland, Ohio. Lamp supporting means. 2,403,355; July 2.

Farris, Emil M., Wayne, Pa. Luminous marker for airports. 2,410,277; Oct. 29.

Farris, Riley F., and J. B. Clark, assignors to Stanolind Oil and Gas Company, Tulsa, Oklahoma. Water locating system. 2,410,278; Oct. 29.

Fashion Curtain Company, The: *See*— Krauss, Phillip.

Fashion Frocks, Inc., assignee: *See*— Skinner, Charles W.

Fasold, George A., Mount Healthy, and H. W. Greider, Wyoming, Ohio, assignors to The Philip Carey Manufacturing Company. Bituminous roofing material. 2,392,239; Jan. 1.

Fassiotto, Attiglio A., and G. W. Strunk, Joliet, Ill., assignors to The Ruberoid Co., New York, N. Y. Making thick butt shingles. 2,400,746; May 21.

Fast, John E., & Co., assignee: *See*— Kile, Eugene M., and Kain.

Fast, Marion L.: *See*— Firth, David, and Fast.

Fast, Marion L., South Bend, assignor to Dodge Manufacturing Corporation, Mishawaka, Ind. Clutch 2,397,414; Mar. 26.

Fast, Ralph E., Glendale, Calif. Display rack. 2,399,337; Apr. 30.

Fatland, Conrad, Chicago, Ill. Dust mop. 2,408,766; Oct. 8.
Faubion, Roy M., El Reno, Okla. Fruit jar holder. 2,401,470; June 4.
Faucette, Beale J., New York, N. Y., assignor to Scott & Williams, Incorporated, Laconia, N. H. Circular knit hosiery and making same. 2,396,166; Mar. 5.
Faulk, Wendell E.: *See*— Blair, George W., Schott, and Faulk.
Faus, Harold T., Lynn, Mass., assignor to General Electric Company. Electric pickup. 2,406,597; Aug. 27.
Fausek, Arthur J. and I. F., Clayton, Mo. Heat exchanger. 2,402,881; June 25.
Fausek, Irwing F.: *See*— Fausek, Arthur J. and I. F.
Faust, Charles L., assignor to Battelle Memorial Institute, Columbus, Ohio. Anodically polishing brass. 2,407,543; Sept. 30.
Faust, Clifford E.: *See*— Kehrer, Ernest, and Faust.
Faust, Jacob, Belleville, N. J., assignor to L. Sonnenborn Sons, Inc. Substantially oil soluble polyalkyl aromatic sulfonates. 2,409,671; Oct. 22.
Faust, John A.: *See*— Sahyun, Melville, and Faust.
Faust, William S., and H. J. Lavo, Williamsport, Pa., assignors to The Aviation Corporation, New York, N. Y. Fluid pressure gauge. 2,405,199; Aug. 6.
Fausz, William H., Newport, Ky. Instant release means for parachute. 2,406,209; Aug. 20.
Favor, T. J., assignee, et al.: *See*— Humason, Granville A.
Favre, John A., Drexel Hill, Pa., assignor to General Electric Company. Electromagnetic relay device. 2,410,279; Oct. 29.
Fawcett, Eric W. M.: *See*— Howes, Donald A., and Fawcett.
Fawcett, Eric W. M., Sunbury-on-Thames, assignor to Anglo-Iranian Oil Company, Limited, London, England. Production of branched chain alkanes. 2,407,637; Sept. 17.
Fawcett, Eric W. M., and E. S. Narracott, Sunbury-on-Thames, assignors, by mesne assignments, to Anglo-Iranian Oil Company Limited, London, England. Production of isoparaffins. 2,393,357; Jan. 22.
Fawcett, Eric W. M., and G. I. Jenkins, Sunbury-on-Thames, assignors to Anglo-Iranian Oil Company Limited, London, England. Synthesis of hydrocarbons. 2,405,565; Aug. 13.
Fawcett, Eric W. M., and J. H. B., Sunbury-on-Thames, assignors to Anglo-Iranian Oil Company Limited, London, England. Production of isobutane and the like hydrocarbons. 2,410,024; Oct. 29.
Fawick, Thomas L., Akron, Ohio. Crank case for internal-combustion engines. 2,394,675; Feb. 12.
Fawick, Thomas L., Akron, Ohio. Valve assembly. 2,401,061; May 28.
Fawkes, Charles E.: *See*— Gayer, Frederick H., and Fawkes.
Fawkes, Donald G., assignor to Crane Co., Chicago, Ill. Fluid motor stroke shifter. 2,392,980; Jan. 15.
Fawkes, Donald G., assignor to Crane Co., Chicago, Ill. Control valve. 2,396,993; Mar. 19.
Fawns, Alexander G., Philadelphia, Pa. Piston ring expander. 2,406,533; Aug. 27.
Fay, Frank H., Huguenot Park, N. Y., and E. W. Reeve, Plainfield, N. J., assignors to American Telephone and Telegraph Company. Telegraph repeater system 2,408,304; Sept. 24.
Fay, Joseph W. and R., Villa Park Ill.; said R. Fay assignor to J. W. Fay. Educational device. 2,411,717; Nov. 26.
Fay, Rudolph: *See*— Fay, Joseph W. and R.
Fayles, Robert R., assignor to Lukens Steel Company, Coatesville, Pa. Furnace air control system. 2,394,297; Feb. 5.
Fazekas, Gabriel A. G.: *See*— Billing, Henry J., and Fazekas.
Feagin, Robert C., Houston, Tex. Oil strainer. 2,399,994; May 7.
Fearey, James E.: *See*— Huebner, Denis W., and Fearey.
Feather, David C., assignor of forty per cent to J. B. Pfouts, Portland, Oreg. Pencil holder. 2,398,583; Apr. 16.
Fedders-Quigan Corporation, assignee: *See*— Lear, Joseph D.
Fedeli, Euripide: *See*— Lucarelle, Joseph M., and Fedeli.
Federal Aircraft Engine Corporation, assignee: *See*— Toce, Charles A. and V. J.
Federal Carton Corporation, assignee: *See*— Pellkan, Alexander.
Federal Cartridge Corporation, assignee: *See*— King, William N. King, William N., Romanchuk, and Ward. Ryan, James J.
Federal Electric Company, Inc., assignee: *See*— Gillette, Harold R., Kopp, and Gillette.
Federal Electric Products Company, Inc., assignee: *See*— Christensen, Paul M.
Federal Flooring Corporation, The, assignee: *See*— Donelson, William W.
Federal Reserve Bank of Philadelphia, assignee: *See*— Birmann, Rudolph.
Federal Telegraph Company, assignee: *See*— Wilson, Thomas L.
Federal Telephone and Radio Corporation, assignee: *See*— Alford, Andrew. Baumann, Harold C. Bednash, Casper S. Bellare, David. Bokovoy, Samuel A. Bokovoy, Samuel A., and Garrison. Bokovoy, Samuel A., and Stuntz. Bonner, Walter F. Burroughs, Gordon S. Busignies, Henri G. Busignies, Henri G., and Pickles. Butler, Seth E. Charchian, Benjamin M. Chesus, Frank O. Chevigny, Georges P. Chevigny, Georges P., and Labin. Chevigny, Paul G. Clark, Trevor H. Clarke, Carole A. Corning, Charles T. Deloraine, Edmond M. Deloraine, Edmond M., Busignies, and de Rosa. Deloraine, Edmond M., and Labin. De Rosa, Louis A. Dodington, Sven H. Dodington, Sven H. M. Enderlin, Max. Erb, George H. Escoffery, Charles A. Fuchs, Morton. Garrison, Kenton K. Glauber, John J. Goodale, Lynn C. Grieg, Donald D. Haigh, Leslie B., and Stearn. Herbst, John A. Herbst, John A., and Hassid. Himmel, Leon. Hoffman, Ross B. Kallmeyer, Paul R., Jr. Kandoian, Armig G. Kotterman, Chester A. Labin, Emile. Labin, Emile, and Grieg. Labin, Emile, and Hoffman. Labin, Emile, and Nye. Leibe, Frank A., and Miner. Litton, Charles V. Lombardi, Eugene J. McGuigan, William D. Papst, Hugh W. Perkins, George C. Pickles, Sidney B. Poylo, Michael C. Rainey, Paul M. Relf, Reginald T. Richardson, Avery G., and Chesus. Romander, Hugo. Royden, George T. Saslaw, Otto. Segerstrom, Carl A., Jr. Shank, Clifford A., and Rifenbergh. Sherman, Vernon W. Skinker, Murray F. Smith, Archibald D., Jr. Sorensy, Ernest V. Speed, Richard B. Stanley, William G., and Leibe. Stearn, Franklin A. Turner, Robert W. Von Hippel, Arthur. Watts, Chester R., Jr. Young, Norman H., Jr.
Fedotoff, Nicholas V.: *See*— Maxson, William L., Lutz, McLaren, and Fedotoff.
Fedotoff, Nicholas V., Lynbrook, N. Y., assignor, by mesne assignments, to Hazeltine Research, Inc., Chicago, Ill. Adjustable transmission line. 2,407,147; Sept. 3.
Feeney, Joseph C., Woodstock, and W. B. Banks, assignors to The Lord Baltimore Press, Baltimore, Md. Display holder. 2,405,780; Aug. 13.
Fehr, Edmond, Neuchatel, Switzerland. Gas safety device. 2,398,089; Apr. 9.
Fehr, Paul, Zug, Switzerland, assignor to Landis & Gyr A. G. Counting device for overvoltage. 2,405,121; Aug. 6.
Feichter, Harold R., assignor to United States Quarry Tile Company, Canton, Ohio. Vitreous and vitrifiable compositions of matter, and making the same. 2,413,441; Dec. 31.
Feigley, David A., Jr., assignor to Mine Safety Appliances Company, Pittsburgh, Pa. Preparing an oxygen liberating composition. 2,405,566; Aug. 13.
Feilbach, George I., assignee: *See*— Volpe, Michael.

Feinberg, Archie S., Dallas, Tex. Liquid spray device. 2,399,108; Apr. 23.
Feinberg, Archie S., Dallas, Tex. Water control for evaporative coolers. 2,413,138; Dec. 24.
Feingold, Lipa, New York, N. Y. Earring clasp. 2,405,025; July 30.
Feinstein Knitting Mills, assignee: *See*— Feinstein, Louis N.
Feinstein Knitting Mills, Inc., assignee: *See*— Feinstein, Louis N.
Feinstein, Louis, assignee, et al.: *See*— Feinstein, Louis N.
Feinstein, Louis N., Brooklyn, assignor to S., R., and L. N. Feinstein, doing business as Feinstein Knitting Mills, New York, N. Y. Knitted fabric. 2,403,793; July 9.
Feinstein, Louis N., Brooklyn, assignor to S., R., and L. Feinstein, doing business as Feinstein Knitting Mills, Inc., New York, N. Y. Knitting machine and method. 2,409,026; Oct. 8.
Feinstein, Rebecca, assignee, et al.: *See*— Feinstein, Louis N.
Feinstein, Sam, assignee, et al: *See*— Feinstein, Louis N.
Feisst, Walter: *See*— Roelen, Otto, and Feisst.
Feist, Charles M., Sioux City, Iowa. Trolley shoe current collector. 2,399,995; May 7.
Felardo, Alfred, Bronx, N. Y. Safety razor blade holder. 2,409,116; Oct. 8.
Felburg, Robert A., Newark, N. J. Aircraft landing gear. 2,399,218; Apr. 30.
Feld, Bernard D., Birmingham, Ala. Hydraulic scale. 2,403,204; July 2.
Feld, Bernard D., Birmingham, Ala. Hydraulic scale capsule. 2,411,251; Nov. 19.
Feld, Stanislaw, New York, N. Y. Pantograph. 2,411,718; Nov. 26.
Feldermann, William, South Orange, N. J. Humidifier. 2,399,862; May 7.
Feldhausen, Cyril P., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Motor controller. 2,409,264; Oct. 15.
Feldhusen, Herman, Jr.: *See*— Rogers, Dilworth T., and Feldhusen.
Feldman, Albert E., New York, N. Y. Dial telephone lock. 2,397,954; Apr. 9.
Feldman, Carl B. H., Rumson, N. J., and G. E. Mueller, Jackson Heights, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Microwave directive antenna. 2,411,872; Dec. 3.
Feldman, Hugo, Birmingham, England. Binder for stationery sheets. 2,409,426; Oct. 15.
Feldman, Louis: *See*— Letschert, Johan P., and Feldman.
Feldman, Max, Miami Beach, Fla. Safety razor. 2,405,200; Aug. 6.
Feldman, Nathan W., Newark, N. J. Computer. 2,410,437; Nov. 5.
Feldmann, Fred F., San Jose, Calif. Nut cracking machine. 2,408,510; Oct. 1.
Felick, Morris, Chicago, Ill. Pad. 2,392,136; Jan. 1.
Felins Tying Machine Company, assignee: *See*— Suelflow, Alfred G.
Felix, Friedrich, and A. Heckendorn, assignors to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Azo-dyestuffs. 2,398,367; Apr. 16.
Felker Manufacturing Co., assignee: *See*— Newnham, Eugene N.
Felker, Max N., assignee: *See*— Newnham, Eugene N., and Felker.
Fell, William F., Merchantville, N. J., assignor to Radio Corporation of America. Insulator for concentric transmission lines. 2,406,945; Sept. 3.
Fell, William F., Hasbrouck Heights, assignor to Bendix Aviation Corporation, Teterboro, N. J. Electrical apparatus. 2,411,781; Nov. 26.
Fellom, Roy, San Francisco, Calif. Building construction. 2,401,062; May 28.
Fellows Gear Shaper Company, The, assignee: *See*— Miller, Edward W. Norton, Wendell P., Jr. Ross, Walter F.
Fellows, Leslie R.: *See*— Clark, Thomas, and Fellows.
Felsecker, John J., Calumet City, Ill., assignor to Graver Tank & Mfg. Co., Inc. Liquid treatment. 2,404,701; July 23.
Felsecker, John J., Calumet City, Ill., assignor to Graver Tank & Mfg. Co., Inc. Method and apparatus for treating water comprising the steps of passing a variable flow of relatively alkaline water upwardly through a bed of organic hydrogen-zeolite and augmenting said flow by hydrogen-zeolite treated water. 2,412,328; Dec. 10.
Feltman, Charles A., Brooklyn, N. Y. Fruit juice squeezer. 2,413,178; Dec. 24.
Felt & Tarrant Mfg. Co., assignee: *See*— Niemann, Frederick A.
Felt & Tarrant Manufacturing Company, assignee: *See*— Laiho, Jalmer M. Niemann, Frederick A.
Felton, Ora E., Gary, Ind. Slag cleaning tool. 2,394,760; Feb. 12.
Felver, Richard I., Mansfield, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Steam iron. 2,411,199; Nov. 19.
Fendring, Harry E., Los Angeles, Calif. Drill grinder. 2,401,471; June 4.
Fene, William J., and G. L. Freas, Pittsburgh, Pa., assignors to The Government of The United States, as represented by the Secretary of the Interior. Collecting gas analysis samples. 2,411,157; Nov. 19.
Fenn, Emory W., Chicago, Ill., assignor to Firecraft Corporation. Electromechanical interlock for elevator doors. 2,408,054; Sept. 24.
Fenn, Howard N.: *See*— Hunter, Melvin J., and Fenn.
Fenn, Raymond T., assignor to Bryant Chucking Grinder Company, Springfield, Vt. Gauge for steep faced threads. 2,393,094; Jan. 15.
Fennema, Richard: *See*— Newton, Norman B., and Fennema.
Fenner, James M., South Euclid and F. G. Mog, Cleveland, Ohio, assignors to The American Steel and Wire Company of New Jersey. Wire-drawing block. 2,391,957; Jan. 1.
Fenner, James M., South Euclid, R. E. Griffiths, Cleveland Heights, and A. W. Harris, Euclid, Ohio., assignors to The American Steel and Wire Company of New Jersey. Cold die working scaled stainless steel. 2,393,675; Jan. 29.
Fenney, William N.: *See*— Malin, Jay B., and Fenney.
Fenske, Merrell R.: *See*— Cummings, George H., Sweeney, and Fenske.
Fenske, Merrell R., and G. H. Cummings, State College, assignors to Rohm & Haas Company, Philadelphia, Pa. Lubricating composition. 2,407,954; Sept. 17.
Fenton, George D., Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey. Classifier. 2,409,265; Oct. 15.
Fenton, Warren, Philadelphia, Pa. Air line connector. 2,402,616; June 25.
Fenwal Incorporated, assignee: *See*— Walbridge, Lyman H.
Fereday, Frederick T., Louisville, Ky., assignor to The Union Switch and Signal Company, Swissvale, Pa. Apparatus for railway signal systems. 2,408,206; Sept. 24.
Fergason, Rector C., La Porte, Ind., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Tractor coupling device. 2,410,280; Oct. 29.
Fergason, Albert C., Jacksonville, Fla. Stretcher for crochet mats. 2,413,041; Dec. 24.
Ferguson, Edgar A., Jr., Brooklyn, N. Y., assignor to Van Patten Pharmaceutical Company, Chicago, Ill. Brominated thyroid product. 2,395,372; Feb. 19.
Ferguson, George M., Portland, Oreg. Tweezers. 2,412,255; Dec. 10.
Ferguson, George M., Portland, Oreg. Tweezer. 2,411,825; Nov. 26.
Ferguson, Harry R.: *See*— Patrick, Joseph C., and Ferguson.
Ferguson, Henry G., Belfast, Northern Ireland. Hitch means for connecting trailers to tractive vehicles. 2,393,358; Jan. 22.
Ferguson, John E., and C. W. McCreery, Muncie, Ind., assignors to Owens-Illinois Glass Company. Glass block dehydrating mechanism. 2,402,387; June 18.
Ferguson, Robert O., Bristol, Tenn., assignor to Bristol Steel Iron Works, Bristol, Va.-Tenn. Alignment holder for dies. 2,405,916; July 16.
Ferguson, Warren T., Newton Highlands, assignor to Anderson Products, Inc., Cambridge, Mass. Steam heating system and control valve therefor. Re. 22,752; May 7.
Fergusson, Alan R., Larchmont, N. Y. Nested serving table. 2,409,027; Oct. 8.
Fergusson, David, assignor to James Cunningham, Son & Company, Rochester, N. Y., a partnership composed of A. J. and F. E. Cunningham. Seal for joints. 2,395,963; Mar. 5.
Ferla, John, East Orange, assignor to U. S. Asbestos Cement Pipe Company, Camden, N. J. Pipe joint. 2,405,567; Aug. 13.
Fernald, Herbert B., Cleveland, and R. K. Iler, Cleveland Heights, Ohio, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Tanning compositions and their manufacture. 2,395,472; Feb. 26.
Fernald, Mark E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Article-positioning mechanism. 2,404,480; July 23.
Fernandez, Enrique F.: *See*— Brewster, James A., and Fernandez.
Fernelius, Willis C.: *See*— Campbell, Frank L., and Fernelius.
Fernelius, Willis C., Dayton, Ohio, and F. L. Campbell, Rockville, Md. Fumigant and fumigating. 2,413,408; Dec. 31.
Fernsler, George L., Lawrenceville, N. J., assignor to Radio Corporation of America. Attenuator for coaxial transmission lines. 2,401,296; June 4.
Fero, George G., Newton Upper Falls, Mass., assignor to United-Rexall Drug Company. Store fixture. 2,409,117; Oct. 8.

Ferrante, Gaspare, assignor to Grasoph Building Corp., Brooklyn, N. Y. Plastic cementitious material. 2,407,739; Sept. 17.

Ferrar, Bernard, Chicago, Ill. Foot appliance. 2,408,617; Oct. 1.

Ferrara, Peter J.: *See*—
Kinsey, Hartselle D., Kelly, and Ferrara.

Ferre, Albert W., Wellesley, Mass., assignor to B. F. Sturtevant Company, Boston, Mass. Heater. 2,392,283; Jan. 1.

Ferrel, Clyde B., San Francisco, Calif. Spray nozzle. 2,392,085; Jan. 1.

Ferrel, Clyde B., San Francisco, Calif., assignor to Ferrel Industries, Inc., Reno, Nev. Projectile. 2,407,264; Sept. 10.

Ferrel, Clyde B., San Francisco, Calif., assignor to Ferrel Industries, Inc., Reno, Nev. Bomb. 2,410,932; Nov. 12.

Ferrel Industries, Inc., assignee: *See*—
Ferrel, Clyde B.

Ferrell, Landon W., Knoxville, Tenn. Water control for spigots, etc. 2,412,037; Dec. 3.

Ferrer, Ricardo M., assignee: *See*—
Del Llano, Jose S.

Ferrier, Otis G., assignee: *See*—
Moses, Winfield C.

Ferrill, Thomas M., Jr., Hempstead, N. Y., assignor to Sperry Gyroscope Company, Inc. Navigation system. 2,393,624; Jan. 29.

Ferrill, Thomas M., Jr., Hempstead, N. Y., assignor to Sperry Gyroscope Company, Inc. Flight path controller. 2,395,854; Mar. 5.

Ferrill, Thomas M., Jr., Hempstead, N. Y., assignor to Sperry Gyroscope Company, Inc. Indicating apparatus. 2,405,568; Aug. 13.

Ferris, Donald K., assignor to General Motors Corporation, Dayton, Ohio. Domestic appliance. 2,406,494; Aug. 27.

Ferris, Donald K., assignor to General Motors Corporation, Dayton, Ohio. Wringer. 2,407,922; Sept. 17.

Ferris, Seymour W., Mount Holly, N. J., assignor to The Atlantic Refining Company, Philadelphia, Pa. Controlling wax sweating. 2,406,210; Aug. 20.

Ferris, Walter, assignor to The Oilgear Company, Milwaukee, Wis. Automotive drive. 2,397,343; Mar. 26.

Ferris, Walter, Milwaukee, and A. R. Grad, Wauwatosa, assignors to The Oilgear Company, Milwaukee, Wis. Hydrodynamic machine. 2,406,138; Aug. 20.

Ferris, Warren R.: *See*—
Kilgore, George R., Ferris, and Shulman.

Ferris, Warren R., Kingston, N. J., assignor to Radio Corporation of America. Electron discharge device. 2,396,167; Mar. 5.

Ferris, William D., and C. R. Wolf, assignors to Frantz Manufacturing Co., Sterling, Ill. Garage door equipment. 2,405,821; Aug. 13.

Ferro Stamping & Manufacturing Company, assignee: *See*—
Jonchim, Joseph G.

Fetcher, John R., and R. S. Phair, assignors to Edward G. Budd Mfg. Company, Philadelphia, Pa. Half-cycling protective relay system. 2,394,903; Feb. 12.

Fett, Magdalene, administratrix: *See*—
Fett, Matthew J.

Fett, Matthew J., deceased, Detroit, Mich.; M. Fett, administratrix. Machine tool support. 2,392,035; Jan. 1.

Fetteroif, Luther D., Palmerton, Pa., assignor to The New Jersey Zinc Company, New York, N. Y. Ceramic coated ferrous article. 2,406,534; Aug. 27.

Fetzer, Walter R., Clayton, Mo., assignor to Union Starch & Refining Company, Columbus, Ind. Hydrolysis of starch. 2,393,095; Jan. 15.

Fetzger, Karl M., Rutherford, and F. A. Hoyt, East Orange, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Testing equipment. 2,402,617; June 25.

Feucht, Albert, Garfield Heights, assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Adjustable platform for mine cars. 2,396,365; Mar. 12.

Feucht, Albert, Garfield Heights, assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Adjustable drill mounting. 2,409,843; Oct. 22.

Feudtner, Charles P., New York, N. Y. Clamp. 2,411,533; Nov. 26.

Feuer, Irving, and L. Goldstein, assignors to Canadian Radium & Uranium Corporation, New York, N. Y. Alpha-ray emission device and making the same. 2,405,026; July 30.

Feuerlein, George R., assignor to Roethel Engineering Corporation, Detroit, Mich. Door latch. 2,405,027; July 30.

Feurer Bros., Inc., assignee: *See*—
Feurer, Walther.

Feurer, Walther, Jackson Heights, assignor, by mesne assignments, to Feurer Bros., Inc., New York, N. Y. Adjustable watertight and dusttight watch crown. 2,405,928; Aug. 13.

Few, William, East Cleveland, assignor to The Clark Controller Company, Cleveland, Ohio. Electronic timing system. 2,412,571; Dec. 17.

Fewsmith, Alexander G., assignor to Panther Oil & Grease Mfg. Co., Fort Worth, Tex. Asphaltic compound 2,392,813; Jan. 15.

Ffield, Paul, Hingham, Mass., assignor to Bethlehem Steel Company. Welding. 2,402,031; June 11.

Fibro-Metal Products Company, The, assignee: *See*—
Bowers, Charles E.

Fibre Metal Products Company, assignee: *See*—
Bowers, Frederick M.

Fibreboard Products, Inc., assignee: *See*—
Van Voorhis, William W.

Fibro-Mold Specialties, Inc., assignee: *See*—
Skolnik, Max.

Fibre Products Laboratories, Inc., assignee: *See*—
Goldman, Joseph.

Ficht, Julius, South Euclid, assignor to M. M. Cohen, Cleveland Heights, Ohio. Hair extractor apparatus. 2,400,227; May 14.

Fiddler, Albert A., assignor of one-half to G. K. Huff, Renton, Wash. Hydraulic drive. 2,403,214; July 2.

Fidelity Machine Company, Inc., assignee: *See*—
Coile, Benjamin F.
Larkin, Walter.

Fidler, Frederick A.: *See*—
Birch, Stanley F., Fidler, and Thornes.

Fiechter, John J., Willow Grove, Pa. Making packing. 2,404,952; July 30.

Fiehl, Michael, Endicott, assignor to International Business Machines Corporation, New York, N. Y. Relay. 2,394,601; Feb. 12.

Field, Albert, Dayton, Ohio. Abrasive tool. 2,410,870; Nov. 12.

Field, Crosby, Brooklyn, N. Y., assignor to Brillo Manufacturing Company, Inc. Wire fence and camouflage structure. 2,396,256; Mar. 12.

Field, Crosby, assignor to Brillo Manufacturing Company, Inc., Brooklyn, N. Y. Apparatus for cutting metal. 2,399,219; Apr. 30.

Field, Crosby, assignor to Brillo Manufacturing Company, Inc., Brooklyn, N. Y. Apparatus for cutting metal. 2,399,220; Apr. 30.

Field, Crosby, Brooklyn, and G. C. Toole, St. Albans, assignors to Brillo Manufacturing Company, Inc., Brooklyn, N. Y. Apparatus for cutting metal. 2,401,147; May 28.

Field, Donald C.: *See*—
Sparks, William J., and Field.
Thomas, Robert M., and Field.

Field-Ernst Envelope Company, assignee: *See*—
Kosteling, John E.

Field and Flint Co., assignee: *See*—
Maguire, John J.

Field, Herbert H., Rock Falls, Ill. Lock to secure nuts on bolts. 2,404,128; July 16.

Field, John A.: *See*—
Hitchcock, Melville E., and Field.

Field, Oscar S.: *See*—
Wight, Sedgwick N., and Field.
Wight, Sedgwick N., Field, and Dicke.

Field, Patrick H., assignor to M. K. Liebert, Washington, D. C. Safety device for projectiles. 2,402,276; June 18.

Field, Theodore E., assignor to Corhart Refractories Company, Louisville, Ky. Cast refractory product. 2,408,305; Sept. 24.

Field, Theodore E., assignor to Cohart Refractories Company, Louisville, Ky. Basic cast refractory. 2,409,844; Oct. 22.

Fielder, Frederick D., Sharon, and E. J. Grimmer, Sharpsville, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Winding special continuous coil. 2,393,037; Jan. 15.

Fielding, Charles S., Buffalo, N. Y. Rack and pinion mechanism. 2,410,643; Nov. 5.

Fielding, David T. E., Middleton Junction, England. Machine for grinding drills and similar tools. 2,408,618; Oct. 1.

Fields, Charles V.: *See*—
Marbury, Ralph E., and Fields.

Fields, Clesent O.: *See*—
Smith, Marvin M., Fields, and Kemler.

Fields, Ellis K.: *See*—
Daskais, Morris H., and Fields.

Fields, Frank D., Elkhart, Ind., and T. H. Alfreds, Park Ridge, Ill., assignors to Posture Research Corporation, Elkhart, Ind. Spring back support. 2,410,871; Nov. 12.

Fields, George C., Euclid, Ohio. Blowoff valve. 2,396,840; Mar. 19.

Fields, Mack R., Chicago, Ill., assignor to Abbott Laboratories. Sifter package for pharmaceuticals. 2,410,438; Nov. 5.

Fielitz, Frederick J., Belleville, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Apparatus for producing subdivided molding material. 2,401,236; May 28.

Fierke, Scheuring S., and C. J. Staud, assignors to Eastman Kodak Company, Rochester, N. Y. Development of photographic emulsions. 2,410,644; Nov. 5.

Fiese and Firstenberger, assignee: *See*—
Fiese, Jesse T.

Fiese, Jesse T., assignor to Fiese and Firstenberger, Fresno, Calif. Brush diverting apparatus for rotary shredders. 2,392,653; Jan. 8.

Fieser, Louis F., Belmont, Mass. Induction of organic radicals into quinones. 2,398,418; Apr. 16.

Fieser, Louis F., Belmont, Mass., assignor to Research Corporation, New York, N. Y. Antihemorrhagic esters and producing the same. 2,407,823; Sept. 17.

Figg, Basil D.: *See*—
Jones, Don F., Miller, and Figg.

Fike, Charles H., and H. R. Heinzen, Cleveland, Ohio, assignors to General Motors Corporation, Detroit, Mich. Ship drive and control system. 2,403,847; July 9.

Fikuart, Joshua, Lincoln, Ill. Fastener for wrist watch bands. 2,399,667; May 7.

Filachione, Edward M., Philadelphia, Pa., assignor to the United States of America, as represented by the Secretary of Agriculture. Esterifying acyloxy carboxylic acids. 2,402,129; June 18.

Filachione, Edward M., Philadelphia, Pa., assignor to Monsanto Chemical Company, St. Louis, Mo. Haloacetals. 2,411,826; Nov. 26.

Filachione, Edward M., Philadelphia, and C. H. Fisher, Abington, Pa., assignors to United States of America as represented by Claude R. Wickard, Secretary of Agriculture, and his successors in office. Condensation products of hydroxy carboxylic acids. 2,396,994; Mar. 19.

Filachione, Edward M., Philadelphia, and C. H. Fisher, Abington, Pa., assignors to the United States of America as represented by the Secretary of Agriculture. Process for manufacturing acyloxy carboxylic acids. 2,399,595; Apr. 30.

Filachione, Edward M., Philadelphia, and C. H. Fisher, Abington, Pa., assignors to the United States of America, as represented by the Secretary of Agriculture. Production of di-esters of hydroxy carboxylic acids. 2,402,130; June 18.

Filachione, Edward M., Philadelphia, and C. H. Fisher, Abington, Pa., assignors to United States of America as represented by Secretary of Agriculture. Manufacturing volatile esters of hydroxy carboxylic acids. 2,405,646; Aug. 13.

Filbrun, Everett V., Dayton, Ohio. Mechanical toy. 2,409,028; Oct. 8.

Filer & Stowell Co., The, assignee: *See*—
Denton, Joseph A.

Fill, John V., Dobbs Ferry, assignor to Maguire Industries, Incorporated, New York, N. Y. Manufacture of metal carbonyls. 2,395,999; Mar. 5.

Fillinger, Ernest T., Lancaster, Calif. Irrigating valve wrench. 2,400,083; May 14.

Filter Media Corporation, assignee: *See*—
Teale, Harold A.

Filtrol Corporation, assignee: *See*—
Ewing, Frederick J.
Ewing, Frederick J., and Lovett.
Funsten, Stanard R.
Gary, Wright W.

Finch, James L., East Rockaway, N. Y., assignor to Radio Corporation of America. Tone converter. 2,401,629; June 4.

Finch, James L., East Rockaway, N. Y., assignor to Radio Corporation of America. Photo radio signaling by frequency. 2,411,853; Dec. 3.

Finch, William G. H., Newtown, Conn. Cathode ray receiver. 2,394,435; Feb. 5.

Finch, William G. H., Newtown, Conn. Synchronizing mechanism. 2,404,571; July 23.

Finck, Joseph L., Brooklyn, N. Y. Lathing material. 2,404,481; July 23.

Findlay, Albert J., assignor to J. B. and E. S. Frost, Montreal, Quebec, Canada. Electric time recorder. 2,395,781; Feb. 26.

Findlay, John H.: *See*—
Monromtseff, Ilia E., and Findlay.

Findlay, John H., Upper Montclair, C. E. Dawley, and A. Pfeiffer, Bloomfield, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Controlled electrode for field emission discharge device. 2,407,979; Sept. 24.

Findley, Howard J.: *See*—
Jaecker, John H., and Findley.

Findley, Howard J., Shaker Heights, assignor to Eaton Manufacturing Company, Cleveland, Ohio. Constant tension device. 2,395,261; Feb. 19.

Findley, Howard J., Shaker Heights, assignor to Eaton Manufacturing Company, Cleveland, Ohio. Thermoelectric generator. 2,410,872; Nov. 12.

Findley, Howard J., Chardon, assignor to Eaton Manufacturing Company, Cleveland, Ohio. Engine cooling apparatus. 2,396,000; Mar. 5.

Findley, Russell L.: *See*—
Wrathall, Jay R., and Findley.

Fine, Jacob, New York, N. Y. Mechanism for surfacing polishing disks. 2,392,654; Jan. 8.

Finelli, Salvatore J.: *See*—
Nilssen, Leif, and Finelli.

Finison, Harvey J., Dayton, Ohio. Radio operated positioning control. 2,398,419; Apr. 16.

Fink, Colin G., New York, N. Y., and J. S. Mackay, Prospect Park, Pa. Photocell for measuring long wave radiations. 2,406,139; Aug. 20.

Fink, Henry A., Pelham Manor, assignor to Continental Can Company, Inc., New York, N. Y. Crown cap conveying system. 2,412,137; Dec. 3.

Fink, Henry A., Pelham Manor, assignor to Continental Can Company, Inc., New York, N. Y. Apparatus for spraying crown caps. 2,412,138; Dec. 3.

Fink, Henry A., and B. S. Bloser, assignors to Continental Can Company, Inc., New York, N. Y. Apparatus for lacquer coating side seams of can bodies. 2,412,139; Dec. 3.

Fink, John C.: *See*—
Baudry, René A., Rushing, and Fink.

Fink, Joseph A., Englewood, N. J. Spark plug setting. 2,393,359; Jan. 22.

Fink, Joseph A., Englewood, N. J. Pot and pan lifter and holder. 2,404,224; July 16.

Fink, Lyman R., Schenectady, N. Y., assignor to General Electric Company. Electric valve motor control system. 2,409,029; Oct. 8.

Fink, Raymond E., East Haven, assignor to National Folding Box Company, New Haven, Conn. Display box. 2,412,450; Dec. 10.

Finke, D. H., assignee: *See*—
Noonan, John.

Finkelstein, Leo, Aberdeen, Md., and H. B. Elking, U. S. Army. Smoke-producing mixture. 2,409,201; Oct. 15

Finken, Walter S.: *See*—
Frieder, Leonard P., and Finken.

Finken, Walter S., Brooklyn, assignor to L. P. Frieder, New York, N. Y. Parachute. 2,412,392; Dec. 10.

Finlay, Walter L., Fairfield, assignor to Remington Arms Company, Inc., Bridgeport, Conn. Shot shell wad. 2,398,297; Apr. 9.

Finlay, Walter L., Fairfield, and G. E. Hutchinson, assignors to Remington Arms Company, Inc., Bridgeport, Conn. Firearm. 2,398,298; Apr. 9.

Finley, Thomas M., Caledonia, Mo. Gasoline-resistant wood filler. 2,410,645; Nov. 5.

Finley, Willard L., Sparta, Ill., and J. H. Kirk, Hammond, Ind., assignors to Sinclair Refining Company, New York, N. Y. Lubrication. 2,400,492; May 21.

Finley, William A., Valdosta, Ga. Double-acting pump. 2,392,655; Jan. 8.

Finley, William A., Valdosta, Ga. Bean snipping machine. 2,393,461; Jan. 22.

Finman, Marian L., Minneapolis, Minn. Beautician's comb. 2,411,252; Nov. 19.

Finn, Alfred, Leaside, and L. Rostoker, Toronto, Ontario, Canada. Wheeled toy. 2,410,646; Nov. 5.

Finn, Harry W., assignor to Consolidated Paper Company, Monroe, Mich. Collapsible box. 2,396,168; Mar. 5.

Finn, Sidney J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Mechanical movement. 2,394,676; Feb. 12.

Finney, John H. V., assignor to Mining Process and Patent Company, Denver, Colo. Liquid feeding apparatus. 2,401,345; June 4.

Finzel, Theron G., Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Stretching of artificial yarn. 2,394,540; Feb. 12.

Finzel, Theron G., Cleveland, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing polymeric solutions. 2,404,728; July 23.

Flock, Ernest F.: *See*—
DeBruin, Milton H., and Flock.

Fiorentino, Anthony F., Teaneck, assignor to Alfred Hofmann & Company, West New York, N. J. Warp-knitting machine. 2,394,161; Feb. 5.

Fiorentino, Anthony F., Teaneck, assignor to Alfred Hofmann & Company, West New York, N. J. Warp-knitting machine. 2,395,807; Mar. 5.

Fiori, Irving, assignor to Art Specialty Co., Chicago, Ill. Adjustable support structure. 2,395,178; Feb. 19.

Fiori, John, Poughkeepsie, N. Y. Fishing reel. 2,404,702; July 23.

Firearms Research Corporation, assignee: *See*—
Hyde, George J.

Firecraft Corporation, assignee: *See*—
Fenn, Emory W.
Jahn, Clarence M.

Fire Devices, Inc., assignee: *See*—
Griffith, William B.

Firestone, Floyd A., Ann Arbor, Mich. Music teaching device. 2,406,946; Sept. 3.

Firestone, Floyd A., Ann Arbor, Mich., assignor to United Aircraft Corporation, East Hartford, Conn. Supersonic inspection device. 2,398,701; Apr. 16.

Firestone Tire & Rubber Company, The, assignee: *See*—
Bosomworth, George P.
Bosomworth, George P., and Milner.
Brown, Roy W.
Bruber, Norman T.
Carr, Edward L.
Coben, William S.
Flint, Hyland C.
Gregory, Douglas W.
Grouncy, Carl W.
Hale, James E.
Hanson, Elmo E., and Park.
Johnson, Ralph S.
Liska, John W.
Liska, John W., and Grover.
McCollister, William H.
Miller, Dewey A.

Firestone Tire & Rubber Company, The, assignee: *See*—Continued
Riesing, Ellwood F.
Schmidt, Ernest.
Stedman, Theodore W.
Stevens, Horace D.
Tann, William E.
Van Schwartz, Zolly C.
Workman, Clarence E.
Firing, Osborne, New Dorp, Staten Island, assignor to Strauss Fasteners, Inc., New York, N. Y. Apparatus and method of controlling paired operations, particularly for making slide fasteners. 2,395,473; Feb. 26.
Firsching, Joseph A., Utica, N. Y. Cloth measuring device. 2,406,140; Aug. 20.
First National Bank in Bartlesville, executor: *See*—Crites, Wilbur J.
Firth, Charles V., Minneapolis, assignor, by mesne assignments, to Erie Mining Company, Hibbing, Minn. Molding balls. 2,411,873; Dec. 3.
Firth, Charles V., assignor to Continental Machines, Inc., Minneapolis, Minn. Producing iron oxide and for production of powdered iron. 2,413,492; Dec. 31.
Firth, David, South Bend, assignor to Dodge Manufacturing Corporation, Mishawaka, Ind. Mounting for pulleys, etc. 2,396,414; Mar. 12.
Firth, David, South Bend, assignor to Dodge Manufacturing Corporation, Mishawaka, Ind. Mounting for sheaves, etc. 2,402,743; June 25.
Firth, David, South Bend, Ind., assignor to Dodge Manufacturing Corporation, Mishawaka, Ind. Shaft bearing. 2,405,122; Aug. 6.
Firth, David, South Bend, and A. T. Bodle, assignors to Dodge Manufacturing Corporation, Mishawaka, Ind. Clutch. 2,396,647; Mar. 19.
Firth, David, and M. L. Fast, South Bend, assignors to Dodge Manufacturing Corporation, Mishawaka, Ind. Adjustable sheave. 2,400,294; May 14.
Firth-Vickers Stainless Steels Limited, assignee: *See*—Hatfield, William H.
Fischer, Albert C., Chicago, Ill. Waterstop expansion joint. 2,400,498; May 21.
Fischer, Albert L., New York, assignor of fifty per cent to B. Winkels, Whitestone, N. Y. Compound to improve the durability of leather and leather soles. 2,412,140; Dec. 3.
Fischer, Albert W., Highland Park, assignor to General Motors Corporation, Detroit, Mich. Variable resistance. 2,407,544; Sept. 10.
Fischer, Andrew P. and H., San Francisco, Calif. Special louver-type ventilator for ship portholes. 2,395,619; Feb. 26.
Fischer, Arthur H., New York, N. Y. Froth flotation of sulphide ores. 2,412,500; Dec. 10.
Fischer, Carl W.: *See*—Sabalius, Erwin, and Fischer.
Fischer, Clair A.: *See*—McLellan, Edgar G., Fischer, and Edelman.
Fischer, Earl K., Long Island City, assignor to Interchemical Corporation, New York, N. Y. Pigmented film-forming compositions. 2,396,415; Mar. 12.
Fischer, Eugene H., Derry, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Cored ceramic article. 2,412,878; Dec. 17.
Fischer, Friedrich, Zurich, and W. Amrein, Rumlang, Switzerland. Appliance for measuring the velocity of projectiles. 2,409,672; Oct. 22.
Fischer, Hazel: *See*—Fischer, Andrew P. and H.
Fischer, Herbert G. M., Westfield, N. J., assignor to Standard Oil Development Company. Chemical process. 2,412,879; Dec. 17.
Fischer, Howard R., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Pull gun. 2,396,001; Mar. 5.
Fischer, Max W., Washington, D. C. Fuse. 2,397,781; Apr. 2.
Fischer, Paul E.: *See*—Staude, Edwin G., and Fischer.
Fischer, Paul W., Long Beach, and V. N. Jenkins, Palos Verdes Estates, assignors to Union Oil Company of California, San Francisco, Calif. Anticorrosion composition. 2,403,067; July 2.
Fischer & Porter Company, assignee: *See*—Brewer, Nathaniel.
Fischer, Ralph M., Paterson, N. J., assignor to American Cyanamid Company, New York, N. Y. Treatment of interlining materials. 2,402,032; June 11.
Fischer-Sueffert, Wilhelm, assignee: *See*—Maurer, Gottfried.
Fischler, Paul E., assignor to Technical Alliance Inc., Kenmore, N. Y. Tuned audio relay. 2,392,981; Jan. 15.
Fish, George R., assignor to Edwards and Company, Inc., Norwalk, Conn. Musical chime construction. 2,412,978; Dec. 24.
Fish, Raymond J., Manchester, N. H. Thread friction testing device. 2,407,545; Sept. 10.
Fish, Stanley W.: *See*—Connelly, John R., and Fish.
Fish, Stanley W., Springfield, Mass. Sight. 2,401,752; June 11.
Fishack, Howard G., Summit, N. J., L. B. Miller, Kansas City, Mo., and J. J. Shively, New York, N. Y. Computing and billing device. 2,394,602; Feb. 12.
Fishburn, Otto E., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Clutch control means. 2,393,153; Jan. 15.
Fishburn, Otto E., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Synchronizer mechanism. 2,397,344; Mar. 26.
Fishel, Irvin W., Clemmons, N. C. Mechanical toy. 2,406,283; Aug. 20.
Fisher, Alec, Lynn, Mass., assignor to General Electric Company. Dynamo-electric machine. 2,394,049; Feb. 5.
Fisher, Bernard C., assignee, trustee: *See*—Fisher, Bernard C.
Fisher, Bernard C., Jersey City, assignor to C. H. Warfield, Westfield, N. J., F. P. Warfield, Golden Bridge, N. Y., and B. C. Fisher, Jersey City, N. J. High-compression engine for low test fuel. 2,392,371; Jan. 8.
Fisher, Bernard C., Jersey City, assignor to C. H. Warfield, Westfield, N. J., F. P. Warfield, Goldens Bridge, N. Y., and B. C. Fisher, Jersey City, N. J., as trustees. Automatic compression control for internal-combustion engines. 2,400,747; May 21.
Fisher, Charles B., Glen Ellyn, Ill. Erasing machine. 2,398,823; Apr. 23.
Fisher, Charles E.: *See*—Eckerman, Robert M., and Fisher.
Fisher, Charles H.: *See*—Filachione, Edward M., and Fisher.
Ratchford, William P., and Fisher.
Rehberg, Chessie E., and Fisher.
Fisher, Ernest F., assignor to Whiting Corporation, Harvey, Ill. Dust collector for grinding operations. 2,399,629; May 7.
Fisher, Ernest F., assignor to Whiting Corporation, Harvey, Ill. Grinding and polishing booth. 2,409,479; Oct. 15.
Fisher Furnace Company, assignee: *See*—Hoke, Kenneth D.
Fisher, George A., Jr.: *See*—Heath, Robert L., Fisher, and Holbrook.
Fisher, Harmon F., Palo Alto, and A. C. Peck, Los Altos, Calif., assignors, by mesne assignments, to The Permanente Metals Corporation. Removing suspended matter from suspensions. 2,406,820; Sept. 3.
Fisher, James W., Spondon, near Derby, assignor to British Celanese Limited, London W. I., England. Manufacture of higher fatty acid esters of cellulose. 2,400,494; May 21.
Fisher, James W., Spondon, near Derby, assignor to British Celanese Limited, London, England. Manufacture of carboxylic acid anhydrides. 2,411,567; Nov. 26.
Fisher, John A., Tarpon Springs, Fla. Turbine engine. 2,407,824; Sept. 17.
Fisher, Leslie C., Farmingdale, assignor to Edwin G. Eppenbach, Manhasset, N. Y. Directional homo-mixer. 2,393,360; Jan. 22.
Fisher, Leslie C., Farmingdale, and H. Imshaug, Flushing, assignors to E. G. Eppenbach, Manhasset, N. Y. Metering mill. 2,412,680; Dec. 17.
Fisher, Lyman C., assignor to The Murray Corporation of America, Detroit, Mich. Spring construction. 2,395,402; Feb. 26.
Fisher, Reginald J., and W. H. J. Brock, assignors to Automotive Products Company Limited, Lenmington Spa, England. End fitting for flexible hoses. 2,401,921; June 11.
Fisher, Roy R., Detroit, Mich. Steam vaporizer. 2,392,372; Jan. 8.
Fisher, Samuel C., New York, N. Y. Motor vehicle control. 2,392,086; Jan. 1.
Fisher Scientific Company, assignee: *See*—Kruper, Andrew P.
Fisher, Sidney O., Schenectady, N. Y., assignor to General Electric Company. High-temperature alloy. 2,406,363; Aug. 27.
Fisher, Sidney T., Toronto, Ontario, Canada, assignor to Rogers Majestic Corporation, Dover, Del. Suppression of noise in communication systems. 2,409,977; Oct. 22.
Fisher, Wilma S., assignee, et al.: *See*—Smith, Frank M.
Fisk, Albert S., Brooklyn, N. Y., and J. P. Kovacs, assignors to Purolator Products, Inc., Newark, N. J. Filter structure. 2,398,824; Apr. 23.
Fisk, Arthur, New York, N. Y., assignor of one-half to B. Mahler, Detroit, Mich. Detachable heel. 2,403,592; July 9.
Fisk, Gustaf L., New Fairfield, Conn. Rolling metal bars. 2,400,690; May 21.
Fisk, James B., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Output coupling for high-frequency oscillator. 2,411,151; Nov. 19.
Fiske, Milan D., Schenectady, N. Y., assignor to General Electric Company. Dielectric wave guide system. 2,407,069; Sept. 3.
Fiske, Milan D., Schenectady, N. Y., assignor to General Electric Company. Ultra high frequency coupling device and system. 2,408,055; Sept. 24.

Fiske, Milan D., Schenectady, and J. M. Lafferty, Colonie, N. Y., assignors to General Electric Company. Wave transmitting system. 2,407,068; Sept. 3.
Fitch, Clifford E., assignor to The Aro Equipment Corporation, Bryan, Ohio. Impact clutch. 2,396,498; Mar. 12.
Fitch, Clifford E., assignor to The Aro Equipment Corporation, Bryan, Ohio. Coupler. 2,396,499; Mar. 12.
Fitch, Clifford E., assignor to The Aro Equipment Corporation, Bryan, Ohio. Lever gun. 2,409,619; Oct. 22.
Fitch, Clyde J., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Telegraphic printing apparatus. 2,405,297; Aug. 6.
Fitch, Ellery R., assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Valve mechanism. 2,399,996; May 7.
Fitch, Ellery R., assignor to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Brake mechanism. 2,406,284; Aug. 20.
Fitch, Ellery R., assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Fluid pressure control mechanism. 2,412,725; Dec. 17.
Fitch, Elliot B.: *See*—Suhr, Henry B., and Fitch.
Fitch, Karl E., Summit, N. J., and G. A. Locke, Glenwood Landing, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Cryptographic telegraph system. 2,405,569; Aug. 13.
Fitch, Karl E., Summit, N. J., and G. A. Locke, Glenwood Landing, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Cryptographic telegraph system. 2,405,571; Aug. 13.
Fitch, William A., Schenectady, N. Y., assignor to Radio Corporation of America. Nonlinear frequency modulation signaling system. 2,410,489; Nov. 5.
Fitchburg Engineering Corporation, assignee: *See*—Forman, William O.
Fitchett, Thomas S., Baltimore County, and H. B. Greenwood, Baltimore, Md., and W. G. Shackelford, Parkersburg, W. Va., assignors to F. X. Hooper Company, Inc., Glenarm, Md. Steam shower for corrugators. 2,413,409; Dec. 31.
Fite, John E., Jr., Philadelphia, Pa. Tape for slide fasteners. 2,400,924; May 28.
Fitt, T. Cleon: *See*—Fleming, Edward P., and Fitt.
Fitzgerald, Charles F., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Sole pressing machine. 2,406,753; Sept. 3.
Fitzgerald, George P., Stratford, assignor to The Connecticut Electric Manufacturing Company, Bantam, Conn. Fuse clip. 2,402,491; June 18.
Fitzgerald, James H., Westfield, N. J. Pump. 2,393,096; Jan. 15.
Fitzgerald, James H., Westfield, N. J. Lever-track controlled boom bucket closure. 2,407,410; Sept. 10.
Fitz Gerald, John W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Coupling. 2,400,110; May 14.
Fitz Maurice, Richard J., Orange, assignor to Therm-A-Mode Company, Inc., Paterson, N. J. Thermal fabric. 2,392,470; Jan. 8.
Fitzpatrick, Frank L., East Malvern, assignor to Rocla Limited, Springvale, Victoria, Australia. Compressing newly formed concrete articles. 2,395,216; Feb. 19.
Fitzpatrick, Jeremiah, Weymouth, Mass. Foot measuring apparatus. 2,391,889; Jan. 1.
Fitzsimmons, William J., Chicago, Ill. Journal lubricator. 2,402,953; July 2.
Fitz Simons, Ogden, Glenside, assignor to Floridin Company, Warren, Pa. Product and method of forming a precipitated magnesium silicate adsorbent agent. 2,393,625; Jan. 29.
Flader, Fredric E., Kenmore, N. Y., assignor to Curtiss-Wright Corporation. Airfoil mounting and actuating mechanism. 2,404,045; July 16.
Flannery Bolt Company, assignee: *See*—Greenslade, Grover R.
Greenslade, Grover R., and Landgraf.
Flaster, Alfred A., New York, N. Y. Compact. 2,399,997; May 7.
Flatland, Martin, San Francisco, Calif. Electrical winding. 2,404,129; July 16.
Flatt, Joseph, Dayton, Ohio. Efficiency determining device. 2,395,042; Feb. 19.
Flatt, Joseph, Washington, D. C. Gross weight indicator for airplanes. 2,402,618; June 25.
Flax, J. Clayton, assignee: *See*—Goldich, Herbert.
Flaxel, Ben C., assignee: *See*—Choat, Samuel C.
Flaxman, Marcellus T.: *See*—Anderson, Benjamin T., and Flaxman.
Flaxman, Marcellus T., Ponca City, Okla., assignor to Union Oil Company of California, Los Angeles, Calif. Windshield wiper. 2,392,982; Jan. 15.
Fleak, Glen D., Beaumont, Tex. Condiment holder. 2,409,118; Oct. 8.
Fleck, Otto, Botha, Alberta, Canada. Preserving jar and top grinding device. 2,412,572; Dec. 17.
Fiedel-Beck, Jacob H., Dorchester, Mass. Split induction coil furnace. 2,403,969; July 16.
Fleer, Harry H.: *See*—Agricola, Frederick T., and Fleer.
Fleer, Harry H., assignor to Gem City Pattern Co., Quincy, Ill. Automatic check and draft control for stoves. 2,409,480; Oct. 15.
Fleer, Kenneth B.: *See*—Calder, Douglas S., and Fleer.
Fleischer, John, Van Dyke, Mich. Twist drill. 2,405,298; Aug. 6.
Fleischer, Max, and G. M. Mast, Detroit, Mich. Picture or film timer. 2,410,577; Nov. 5.
Fleischmann, Martin, assignor to The Timken Roller Bearing Company, Canton, Ohio. Articles for use at high temperatures. 2,398,702; Apr. 16.
Fleisher, Harry, assignor to Princeton Incorporated, Watertown, Conn. Knitted fabric. Re. 22,711; Jan. 22.
Fleisher, Harry, Watertown, Conn., and G. H. Tillett, assignors to Roto-Matic Screen Printer, Ltd., New York, N. Y. Screen color printing apparatus. Re. 22,722; Feb. 19.
Fleisher, Harry, Watertown, Conn., and G. H. Tillett, Jackson Heights, assignors to Roto-Matic Screen Printer, Ltd., New York, N. Y. Air drying means for screen printing apparatuses. 2,393,626; Jan. 29.
Fleisher, Harry, and J. Homer, Staten Island, N. Y. Dispensing container. 2,409,933; Oct. 22.
Fleming, Edward P., Los Angeles, Calif., and T. C. Fitt, Salt Lake City, Utah, assignors to American Smelting and Refining Company, New York, N. Y. Recovery of sulphur dioxide from gas mixtures. 2,399,013; Apr. 23.
Fleming, James R., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Treatment of hydrocarbons. 2,393,895; Jan. 29.
Fleming, Leo M., assignee: *See*—Bagne, Paul T.
Fleming, Robert B., Huntington Park, assignor to Bert M. Morris Co., Los Angeles, Calif. Pencil sharpener. 2,408,767; Oct. 8.
Fleming, William E., Cedar Rapids, Iowa. Tenderizing implement. 2,392,036; Jan. 1.
Flemming, Walter, and G. Stein, Ludwigshafen-on-the-Rhine, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Production of allyl chloride. 2,410,647; Nov. 5.
Flenner, Albert L., and C. A. Littler, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Veterinary compositions. 2,407,486; Sept. 10.
Flenner, Albert L., and N. E. Searle, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Pest control. 2,411,253; Nov. 19.
Flesch, Norman: *See*—Tack, Carl E., and Flesch.
Flesch, Norman, assignor to American Steel Foundries, Chicago, Ill. Slack adjuster. 2,403,512; July 9.
Fletcher, Ed.: *See*—Simison, Allen L., and Fletcher.
Slayter, Games, and Fletcher.
Fletcher, Fred W.: *See*—Dreisbach, Robert R., and Fletcher.
Fletcher, Fred W., and E. Kenaga, assignors to The Dow Chemical Company, Midland, Mich. Fumigant mixtures. 2,391,890; Jan. 1.
Fletcher, Fred W., and E. E. Kenaga, assignors to The Dow Chemical Company, Midland, Mich. Parasiticidal compositions. 2,410,281; Oct. 29.
Fletcher, James, Akron, Ohio, assignor to The Babcock & Wilcox Company, Rockleigh, N. J. Fluid separator. 2,395,855; Mar. 5.
Fletcher, James, Akron, Ohio, assignor to The Babcock & Wilcox Company, Rockleigh, N. J. Fluid separator. 2,402,154; June 18.
Fletcher, Norman, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Lay motion for axminster looms. 2,399,728; May 7.
Fletcher, Norman, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Weft tension for Axminster looms. 2,407,773; Sept. 17.
Fletcher Trust Company, assignee, trustee: *See*—Starkey, William C.
Fletcher, Wendall M., Portland, Maine. Pie crust or like former. 2,405,781; Aug. 13.
Fletcher, William E.: *See*—Huyett, Daniel D., and Fletcher.
Flett, Lawrence H., Hamburg, N. Y., assignor to Allied Chemical Dye Corporation. Alkyl aromatic compounds. 2,393,526; Jan. 22.
Flett, Lawrence H., Hamburg, N. Y., assignor to Allied Chemical & Dye Corporation. Manufacture of detergents. 2,394,851; Feb. 12.
Flett, Lawrence H., Hamburg, N. Y., assignor to Allied Chemical-Dye Corporation. Mixtures of alkyl aryl sulphonates. 2,397,133; Mar. 26.
Flett, Lawrence H., and G. C. Toone, Hamburg, assignors to Allied Chemical & Dye Corporation, New York, N. Y. Detergent composition. 2,401,726; June 11.
Flexible Steel Lacing Company, assignee: *See*—Carpenter, Richard M.
Coats, Hugh L.
Fleysher, Maurice H., Buffalo, assignor to Allied Chemical & Dye Corporation, New York, N. Y. Vat dyestuffs. 2,400,195; May 14.

Flier, Samuel, Springfield, Mass. Watch box pad. 2,405,880; Aug. 13.

Flight Transportation, Inc., assignee: *See*—
Cornelius, George W.

Flinn, George E., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Piston ring seal. 2,402,033; June 11.

Flint, Edward F., Brighton, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Bubble cell. 2,406,211; Aug. 20.

Flint, Hyland C., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Seat for aircraft. 2,393,499; Jan. 22.

Flint Machinery Company, assignee: *See*—
Smith, Ralph W.

Flisik, Alvin C., Haverstraw, L. Nicholl, Nyack, and W. P. Bitler, Haverstraw, assignors to Kay-Fries Chemicals, Inc., West Haverstraw, N. Y. Synthesis of isomer-free benzyl acetoacetic methyl ester. 2,413,493; Dec. 31.

Floating Stations Limited, assignee: *See*—
Creed, Frederick G.

Flocker, Anthony M., Brooklyn, assignor to Kerlo Corporation, New York, N. Y. Eye protecting shields. 2,410,490; Nov. 5.

Flodman, Ernst G. A., Stocksund, Sweden. Pin drill and end mill. 2,393,361; Jan. 22.

Flogaus, Howard A., Media, Pa., assignor to ACF-Brill Motors Company, New York, N. Y. Adjustable seat. 2,393,242; Jan. 22.

Flood, Carl A., assignor to Dennison Manufacturing Company, Framingham, Mass. Dispenser for sheet material. 2,394,991; Feb. 19.

Flood, Edmund L., assignor to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Drill lubricant. 2,408,385; Oct. 1.

Flood, Oscar S., Chicago, Ill. Face shield. 2,406,598; Aug. 27.

Flor, John R., assignee: *See*—
Nelis, Charles E.

Florence Pipe Foundry & Machine Company, assignee: *See*—
Camerota, Louis A.

Florence, Robert T.: *See*—
Bernardi, Dominic J., and Florence.

Florence Stove Company, assignee: *See*—
Ellebrand, Earl D.
Reeves, Herbert M.
Schneider, Frank H.

Florian, Ernst, and H. Petersen, Berlin-Reinickendorf, and M. Christian, Berlin-Dahlem, Germany; vested in the Alien Property Custodian. Variable pitch air propeller. 2,404,703; July 23;

Floridin Company, assignee: *See*—
Fitz Simons, Ogden.

Florjancic, Peter, and E. Boral, assignors to M. Bucher, Zurich, Switzerland. Heald shaft moton for hand looms. 2,405,782; Aug. 13.

Florman, Irving, New York, N. Y. Filling arrangement for ball-pointed fountain pens. 2,408,256; Sept. 24.

Florschutz, Fritz E.: *See*—
Dickinson, Robert C., Stuellein, and Florschutz.

Flory, Leslie E.: *See*—
Morton, George A., and Flory.

Flory, Leslie E., Princeton, N. J., assignor to Radio Corporation of America. Electronic timing device. 2,410,156; Oct. 29.

Flory, Leslie E., Oaklyn, N. J., E. A. Massa, Osborn, Ohio, and G. A. Morton, Haddon Heights, N. J., assignors to Radio Corporation of America. Television transmitting apparatus. 2,404,046; July 16.

Flory, Leslie E., and G. A. Morton, Princeton, N. J., assignors to Radio Corporation of America. Electronic computing device. 2,404,047; July 16.

Flosdorf, Earl W., Lansdowne, Pa. Agglutinogen derived from whooping cough organisms. 2,405,740; Aug. 13.

Flosdorf, Earl W., Upper Darby, assignor to Lyophile-Cryochem Company, Philadelphia, Pa. Process. 2,396,561; Mar. 12.

Flosdorf, Earl W., Upper Darby, assignor to Lyophile-Cryochem Company, Philadelphia, Pa. Process and product of dehydrating foodstuffs. 2,400,748; May 21.

Flour Corporation, Ltd., The, assignee: *See*—
De Flon, James G.
Hutchinson, Arthur J. L.
Stephens, Foster M.

Flournoy, Algernon F., Shreveport, La. Aerator. 2,408,306; Sept. 24.

Flow Controls, Incorporated, assignee: *See*—
Hoesel, Anthony F.

Flowers, Paul E., Shaker Heights, Ohio, assignor to The Hydraulic Development Corporation, Inc., Wilmington, Del. Core controlling device for casting. 2,396,778; Mar. 19.

Floyd, Oscar H., assignor to Kemlite Laboratories, Chicago, Ill. Photographic lighting apparatus. 2,394,966; Feb. 12.

Fluchaire, Maurice L. A., Lyon, France; vested in the Alien Property Custodian. Producing solutions of chlorides of polyvinyl. 2,408,769; Oct. 8.

Fluor Corporation, Ltd., The, assignee: *See*—
De Flon, James G.
Dewey, David B.

Flurscheim, Cedric H., Bowdon, assignor to Metropolitan-Vickers Electrical Company Limited, London, England. Electric circuit interrupter. 2,413,555; Dec. 31.

Fly Ash Arrestor Corporation, assignee: *See*—
Bullock, Ellis W.

Flygare, Carl G.: *See*—
Belden, Albert G., Flygare, and Hill.

Flygare, Carl G., assignor to Norton Company, Worcester, Mass. Grinding machine work head. 2,396,841; Mar. 19.

Flynn, Anderson: *See*—
List, Roland, and Flynn.

Flynn, Andrew J., Jr., Lafayette, Calif. Antitipping device for infants' vehicles. 2,402,322; June 18.

Flynn, Benjamin H., Alexandria, La., assignor, by mesne assignments, to The T. L. Smith Company, Milwaukee, Wis. Road material mixing machine. 2,397,782; Apr. 2.

Focht, Nevin S., Syracuse, N. Y. Hydraulic shock absorber. 2,403,648; July 9.

Focht, Nevin S., Syracuse, N. Y. Hydraulic shock absorber. 2,409,349; Oct. 15.

Fodor, Andrew S., South Norwalk, Conn. Rotary cutter. 2,408,257; Sept. 24.

Fodor, Ferenz H., assignor to Technical Securities Corporation, Los Angeles, Calif. Landing wheel drive. 2,408,163; Sept. 24.

Fodor, Nicholas, Wilmette, Ill. Fuel pump. 2,395,964; Mar. 5.

Foerste, William, Pelham Manor, assignor of one-half to E. A. Quarrie, Scarsdale, N. Y. Controlling the operation of luminescent lamps and other electrical apparatus. 2,392,845; Jan. 15.

Fogle, Walter C., Campbell County, assignor of one-half to G. M. Lupton, Lynchburg, Va. Bottle inspection device. 2,395,620; Feb. 26.

Fogliasso, Floyd, Arlington, Calif. Wire brush holder. 2,392,909; Jan. 15.

Folberth, Frederick G. and W. M., Cleveland, Ohio. Windshield cleaner motor. 2,397,599; Apr. 2.

Folberth, William M.: *See*—
Folberth, Frederick G. and W. M.

Fol-Dee Seat Company, assignee: *See*—
Neufeld, Leonard C.

Földi, Zoltán: *See*—
König, Rezso, Gerecs, and Földi.

Foldy, Leslie L., New York, N. Y., assignor to The Brush Development Company, Cleveland, Ohio. Sound receiving system. 2,396,222; Mar. 5.

Foley, Charles F., Detroit, Mich., assignor to Eureka Williams Corporation. Belt guard. 2,397,541; Apr. 2.

Foley, Harold F.: *See*—
Letsinger, John H., and Foley.

Folis, Frank L., Memphis, Tenn. Menu selector and recorder. 2,407,411; Sept. 10.

Folke, Bengt E., Mamaroneck, assignor to Nathan Manufacturing Company, New York, N. Y. Mechanical lubricator. 2,406,599; Aug. 27.

Folkers, Karl: *See*—
Major, Randolph T., and Folkers.

Folkers, Karl, Plainfield, E. Rogers, Cranford, and R. E. Heal, New Brunswick, assignors to Merck & Co., Inc., Rahway, N. J. Insecticides. 2,400,295; May 14.

Folkers, Karl, Plainfield, and R. T. Major, Mountainside, assignors to Merck & Co., Inc., Rahway, N. J. Production of erythrina alkaloids. 2,412,256; Dec. 10.

Folkins, Hillis O.: *See*—
Bell, Richmond T., Folkins, and Thacker.

Folkins, Hillis O., Skokie, assignor to The Pure Oil Company, Chicago, Ill. Conversion of hydrocarbons. 2,399,174; Apr. 30.

Folkins, Hillis O., Skokie, and C. M. Thacker, Highland Park, assignors to The Pure Oil Company, Chicago, Ill. Hydrocarbon conversion. 2,402,034; June 11.

Folkins, Hillis O., Skokie, and C. M. Thacker, Highland Park, assignors to The Pure Oil Company, Chicago, Ill. Converting hydrocarbons. 2,411,200; Nov. 19.

Folkman, Marvin L., Shaker Heights, Ohio. Syringe. 2,413,303; Dec. 31.

Folland, Donald F.: *See*—
Jenks, Frederic A., and Folland.
Jenks, Frederic A., Folland, Maeder, and Cooke.

Folmer, Herman C. B., Swarthmore, Pa., assignor to American Viscose Corporation, Wilmington, Del. Drying staple fibers. 2,409,747; Oct. 22.

Folsom, Noel J., Narrows, Va., and S. M. Martin, Petersburg, W. Va., assignors to Celanese Corporation of America. Apparatus for producing staple fibers. 2,394,603; Feb. 12.

Folsom, Theodore R., New York, N. Y. Freezing and drying liquids and semi-solids. 2,411,152; Nov. 19.

Folst, Louis C., assignor to Edgewick Investment Co., Los Angeles, Calif. Plastic milk carton case. 2,409,748; Oct. 22.

Fonberg, Zygmunt, New York, N. Y. Equilibrated rocket shell. 2,409,427; Oct. 15.

Fonda, Gorton R., Schenectady, N. Y., assignor to General Electric Company. Luminescent material. 2,398,629; Apr. 16.

Fonda, Howard B., Yonkers, N. Y., assignor to Burroughs Wellcome & Co. (U. S. A.) Inc., New York, N. Y. Inhaler. 2,395,109; Feb. 19.

Fonoband Sociedad Anonima Fonoimpresiones Sobre Bandas de Papel, assignee: *See*—
Iborra, Miguel M.

Food Machinery Corporation, assignee: *See*—
Coons, Burton C.
Hait, James M.
Hait, James M., Devirian, and Rankin.
Hait, James M., and Keesling.
Holmes, Herbert G.
Kalmar, Arthur F.
Kalmar, Arthur F., and Stillwell.
Keech, Dana E.
Kerr, Charles E.
Lill, James E.
Rankin, Dan R.
Rankin, Dan R., and Reynolds.
Reynolds, George A., Jr.
Sells, Neal S.
Stillwell, Glenn E.

Foose, George W., Sparks, Nev. Venetian blind holder. 2,398,524; Apr. 16.

Foot, Edward H. W., assignor to The Tillage & Sub-Soiling Company Limited, Beaconsfield, England. Endless track for vehicles. 2,398,630; Apr. 16.

Foot, Edward H. W., assignor to The Tillage & Sub-Soiling Company Limited, Beaconsfield, England. Endless track for vehicles. 2,398,631; Apr. 16.

Foote, Alton G., Wickliffe, Ohio, assignor to General Electric Company. Lamp unit. 2,411,568; Nov. 26.

Foote Bros., Gear and Machine Corporation, assignee: *See*—
Anderson, Rexford O., Landry, and Ardussi.
Anderson, Rexford O., and Walsh.
Mackmann, Arthur.

Foote, Chaucey P., Jr., Yonkers, and C. D. Guertin, St. George, Staten Island, assignors to American Bank Note Company, New York, N. Y. Coated paper and making same. 2,402,542; June 25.

Foote Company, Inc., The, assignee: *See*—
Farrell, John D.

Foote, Donald S., Kansas City, Mo., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Mixing machine. 2,406,535; Aug. 27.

Foote Mineral Company, assignee: *See*—
Meyer, Hughan C., Jr.

Foote, Thomas W., East Cleveland, Ohio. Chair construction. 2,412,451; Dec. 10.

Forbes, Allan D., Sharon, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Magnetic core structure. 2,393,038; Jan. 15.

Forbes, Allan D., and M. G. Leonard, Sharon, Pa., and J. J. Halloran, Emeryville, Calif., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Separable connector for electrical apparatus. 2,397,097; Mar. 26.

Forbes, Arthur L., Jr., assignor to Pressure Weld Company, Houston, Tex. Expanding head. 2,413,103; Dec. 24.

Forbes, Joseph A., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Brake. 2,406,754; Sept. 3.

Forbes, Joseph A., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Brake. 2,407,487; Sept. 10.

Forbess, Delbert L., Hazel Park, Mich. Fish lure. 2,396,306; Mar. 12.

Forbragd, John, Garden City, S. Dak. Tire inflating and testing device. 2,408,976; Oct. 8.

Ford, Asa J., Kansas City, Kans. Mechanical grinding stone. 2,412,141; Dec. 3.

Ford, Eugene A., Scarsdale, assignor to International Business Machines Corporation, New York, N. Y. Perforating apparatus. 2,394,604; Feb. 12.

Ford, Eugene A., Scarsdale, assignor to International Business Machines Corporation, New York, N. Y. Impulse distributor. 2,401,419; June 4.

Ford, Frank R., Sparkbrook, Birmingham, England. Duplicating machine. 2,398,888; Apr. 23.

Ford, Frank R., Sparkbrook, Birmingham, England. Duplicating machine. 2,399,175; Apr. 30.

Ford, Frank R., Sparkbrook, Birmingham, England. Duplicating machine. 2,399,176; Apr. 30.

Ford, Hannibal C., Jamaica, assignor to Ford Instrument Company, Inc., Long Island City, N. Y. Computing instrument. 2,397,783; Apr. 2.

Ford, Hannibal C., Jamaica, assignor to Ford Instrument Company, Inc., Long Island City, N. Y. Apparatus for determining ballistic factors. 2,397,784; Apr. 2.

Ford, Hannibal C., Jamaica, assignor to Ford Instrument Company, Inc., Long Island City, N. Y. Fire control apparatus. 2,405,028; July 30.

Ford, Hannibal C., Great Neck, and E. P. Ross, Forest Hills, assignors to Ford Instrument Company, Inc., Long Island City, N. Y. Stable vertical. 2,411,087; Nov. 12.

Ford, Henry, Dearborn, C. E. Sorensen, Detroit, and R. H. McCarroll, assignors to Ford Motor Company, Dearborn, Mich. Centrifugal cast article and manufacture. 2,400,495; May 21.

Ford, Henry, and E. Zoerlein, assignors to Ford Motor Company, Dearborn, Mich. Polarity reversing distributor. 2,402,543; June 25.

Ford Instrument Company, Inc., assignee: *See*—
Arpurth, Charles.
Buckley, Charles W.
Crooke, Raymond E.
Crowther, George A.
Ford, Hannibal C.
Ford, Hannibal C., and Ross.
Newell, William H.
Poitras, Edward J., and Tear.
Poitras, Edward J., Tear, and Newell.
Ross, Elliott P.
Tear, James D.
Tear, James D., and Buckley.
Tear, James D., and Ross.
Willard, Waldo W.

Ford, James G., Sharon, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Laminating porous sheet materials. 2,399,338; Apr. 30.

Ford, John R., Narberth, Pa., assignor to Radio Corporation of America. Amplifier gain control. 2,397,850; Apr. 2.

Ford, John R., Narberth, Pa., assignor to Radio Corporation of America. Ultra high frequency oscillation. 2,412,805; Dec. 17.

Ford Motor Company, assignee: *See*—
Brock, Harold L., and Simpkins.
Doering, Justus H., and McCarroll.
Ford, Henry, Sorensen, and McCarroll.
Ford, Henry, and Zoerlein.
Hinkle, Edward F., and Stewart.
Kramer, Clarence F., and Kerby.
Miller, Logan C., and Scarlett.
Newkirk, Daniel L., and Ensign.
Roberts, Albert O., and Wharam.
Roeder, Dale, and Nador.
Sorensen, Charles E.
Thisler, Vernon R., and Brock.
Wharam, John J., and Pinardi.
Wharam, John J., and Robertson.

Ford, Richard E., Philadelphia, Pa., and J. W. Hunt, Trenton, N. J., assignors to Continental Carpet Corporation, Philadelphia, Pa. Apparatus for making pile fabrics. 2,395,217; Feb. 19.

Ford, Thomas A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical product and making the same. 2,394,761; Feb. 12.

Ford, Tirey F., Arlington, Va., assignor to United States of America as represented by the Secretary of Agriculture. Process for the coagulation of castilloa latex. 2,411,033; Nov. 12.

Ford, Wellman B., Hastings-on-Hudson, N. Y. Lining containers. 2,395,731; Feb. 26.

Fordham, Thomas B., and T. W. Moore, Dayton, Ohio. Combined hearing aid and radio receiving set. 2,409,481; Oct. 15.

Fordon, Lee A., Detroit, Mich. Stacking and nesting boxes. 2,395,542; Feb. 26.

Fordon, Lee A., Detroit, Mich. Bottle crate. 2,401,063; May 28.

Foreman, Charles S., assignee: *See*—
Zeitz, Arthur H.

Forest City Products, Inc., assignee: *See*—
Nutt, Albert R.

Forest Products Chemical Company, assignee: *See*—
Calder, Douglas S., and Fleer.

Forestiere, Angelo J., Sr., New Orleans, La. Fishing reel. 2,399,863; May 7.

Forestiere, Jasper A., Brooklyn, N. Y. Medical appliance. 2,406,900; Aug. 27.

Forgrove Machinery Company Limited, The, assignee: *See*—
Russell, Alexander, Parker, and Harris.

Forkner, John H., Fresno, Calif. Improving fats and oils by addition of olive and coconut color, odor and flavor derived from olive and coconut juices and the resultant product. 2,411,201; Nov. 19.

Forman, Sylvan E., Baltimore, Md., assignor to U. S. Industrial Chemicals, Inc., New York, N. Y. Preparation of acetylpropyl chloride. 2,397,134; Mar. 26.

Forman, William O., assignor to Fitchburg Engineering Corporation, Fitchburg, Mass. Machine tool control. 2,400,815; May 21.

Formhals, William H.: *See*—
King, George E., and Formhals.

Forney, William E.: *See*—
Bax, Alfred R., Kielhorn, and Forney.

Forrest, Mark L., Framingham, Mass. Two-cycle engine. 2,395,110; Feb. 19.

Forrest, Mark L., Framingham, Mass. Power transmission mechanism. 2,397,312; Mar. 26.

Forrest, Mark L., Leavenworth, Wash. Internal-combustion engine. 2,409,350; Oct. 15.

Forrest, Victor E., Minneapolis, Minn. Door actuating mechanism. 2,411,369; Nov. 19.

Forrester, Jay W.: *See*—
Brown, Gordon S., and Forrester.

Forsberg, Delbert A., Madison, Wis. Tube cutting machine. 2,398,929; Apr. 23.

Forsberg, Erik A., Nockeby, assignor to Aktiebolaget Separator, Stockholm, Sweden. Device for determining the deflection of rotating bodies. 2,403,513; July 9.

Forss, Frithiof P., Aurora, assignor to Independent Pneumatic Tool Company, Chicago, Ill. Clip squeezing tool. 2,396,562; Mar. 12.

Forster, Albert, Milanino, Italy, assignor to Buhler Brothers, Uzwil, Switzerland. Machine for cutting curved, self-conjugate indentations. 2,406,009; Aug. 20.

Forster, Henry, Broadview, Ill. Two-cycle internal-combustion engine. 2,404,833; July 30.

Forster, Lawrence H., assignee: *See*— Strother, Charles B.

Forstner Chain Corporation, assignee: *See*— Forstner, William.

Forstner, William, Irvington, N. J., assignor to Forstner Chain Corporation. Wrist watch strap. 2,401,297; June 4.

Forsyth, Alexander R., Los Angeles, Calif. Water softener. 2,407,228; Sept. 10.

Forsyth, Archibald G., Cheam, assignor to The Fairey Aviation Company Limited, Hayes, Middlesex, England. Supercharging arrangement. 2,395,262; Feb. 19.

Forsyth, Archibald G., Cheam, assignor to The Fairey Aviation Company Limited, Hayes, Middlesex County, England. Propulsion means. 2,397,654; Apr. 2.

Fort Howard Paper Company, assignee: *See*— Agamaite, Edward, Jr.

Forter-Teichmann Company, assignee: *See*— Snyder, Harold H. Snyder, Harold H., and Bennett.

Fortis, Oscar, Chicago, Ill., assignor to Automatic Burner Corporation. Self-leveling, oil burner. 2,394,677; Feb. 12.

Fortney, Marion F., Charleston, W. Va. Shoe sterilizer. 2,413,494; Dec. 31.

Fosdick Machine Tool Company, The, assignee: *See*— Linden, Carl E., and McClellan.

Fosgood Corporation, assignee: *See*— Eyles, Thomas H.

Fossa, Joseph, Lynn, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe upper lacing machine. 2,404,834; July 30.

Fossa, Joseph, Salem, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Lasting machine. 2,411,827; Nov. 26.

Fossee, Rita B., assignee, et al.: *See*— Campbell, Charles A.

Foster, Albert C.: *See*— Jones, Robert V., Foster, and Kilsby.

Foster, Arch L., Bartlesville, Okla., assignor to Phillips Petroleum Company. Isomerization process. 2,395,263; Feb. 19.

Foster, Arch L., Bartlesville, Okla., assignor to Phillips Petroleum Company. Catalyst preparation. 2,408,164; Sept. 24.

Foster, Boutwell H., Maplewood, N. J., assignor to United States Rubber Company, New York, N. Y. Collapsible cooking receptacle. 2,595,794; Feb. 26.

Foster, Charles E., Los Angeles, Calif. Safety fluorescent lamp guard for closed end reflectors. 2,399,339; Apr. 30.

Foster, Claud: *See*— Strang, John M., and Foster.

Foster, Frank A., Melrose Park, assignor to The Goss Printing Press Company, Chicago, Ill. Stereotype plate casting. 2,400,987; May 28.

Foster, Frank A., Melrose Park, assignor to The Goss Printing Press Company, Chicago, Ill. Stereotype plate casting. 2,401,727; June 11.

Foster, George H., Stamford, and E. F. Williams, Old Greenwich, Conn., assignors to American Cyanamid Company, New York, N. Y. Preparation of crystalline materials. 2,395,856; Mar. 5.

Foster, George H., Niagara Falls, N. Y., and E. F. Williams, Old Greenwich, Conn., assignors to American Cyanamid Company, New York, N. Y. Preparation of crystalline materials. 2,395,857; Mar. 5.

Foster, George H., Niagara Falls, N. Y., and E. F. Williams, Old Greenwich, Conn., assignors to American Cyanamid Company, New York, N. Y. Preparation of crystalline materials. 2,395,858; Mar. 5.

Foster, George H., Niagara Falls, N. Y., and E. F. Williams, Old Greenwich, Conn., assignors to American Cyanamid Company, New York, N. Y. Preparation of crystalline materials. 2,395,859; Mar. 5.

Foster, George H., Niagara Falls, N. Y., and E. F. Williams, Old Greenwich, Conn., assignors to American Cyanamid Company, New York, N. Y. Preparation of crystalline materials. 2,395,860; Mar. 5.

Foster, Harlan, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Resinous compositions and electrical conductors insulated therewith. 2,403,215; July 2.

Foster, Harry C., Alton, Ill., assignor to Olin Industries, Inc. Indexing mechanism. 2,404,369; July 23.

Foster, Henry C.: *See*— Johnson, Bernard, and Foster.

Foster, Hoyt K., Hollis, assignor to S. W. Farber, Inc., Brooklyn, N. Y. Filter plug. 2,392,656; Jan. 8.

Foster, James L., Wichita Falls, Tex. Well explosive device. 2,408,419; Oct. 1.

Foster, Levin W., Pittsfield, Mass., assignor to General Electric Company. Protective arrangement. 2,400,749; May 21.

Foster, Louis W., Philadelphia, Pa. Garment belt. 2,405,647; Aug. 13.

Foster Machine Company, assignee: *See*— Cotchett, Louis M. Cotchett, Louis M., Campbell, and Stange. Cotchett, Louis M., Campbell, Stange, and Arterton. Doughty, Howard W., Jr.

Foster, Pell W., Jr., Englewood, N. J., assignor to Foster Wheeler Corporation, New York, N. Y. Vapor generating apparatus. 2,403,432; July 9.

Foster, Richard H. H., assignee, et al.: *See*— Foster, Robert B.

Foster, Robert B., assignor to R. H. H. Foster, Los Angeles, and R. E. Foster, Glendale, Calif. Ground speed meter for aircraft. 2,399,014; Apr. 23.

Foster, Robert E., assignee, et al.: *See*— Foster, Robert B.

Foster, Robert J., Pontiac, Mich. Sharpening device for cutlery. 2,397,256; Mar. 26.

Foster, Scott H., Waban, Mass. assignor to Monsanto Chemical Company, St. Louis, Mo. Separation and purification of isomeric dihydroxy diphenyl sulphones. 2,392,137; Jan. 1.

Foster, Warren D., assignee: *See*— Oswald, Carl L.

Foster Wheeler Corporation, assignee: *See*— Arnold, Stanfield N. Beach, Ludlow F. Falla, Fernando. Foster, Pell W., Jr. Frisch, Martin. Haase, Robert W. Hoyte, William N. Jones, Robert V., Foster, and Kilsby. Nilssen, Leif, and Finelli. Sampson, William.

Fothergill, Robert E., J. W. Hill, and A. A. Johnson, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Modified cellulose ester fibers. 2,406,755; Sept. 3.

Fouke, George W., St. Louis, Mo. Liquid dispensing device. 2,400,084; May 14.

Fould, Maurice P., Sharon, Pa. Building construction. 2,396,257; Mar. 12.

Foulds, Charles V., Berkeley, assignor to Pacific Electric Manufacturing Corporation, San Francisco, Calif. High voltage current indicating and insulating means. 2,402,544; June 25.

Foulger, John H., and P. E. Smith, Jr., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Indicating system. 2,409,749; Oct. 22.

Foulke, Clarence D.: *See*— Gold, John D., and Foulke.

Foulkes, Thomas E., Ilford, England. Storage arrangement. 2,405,416; Aug. 6.

Found, Clifton G., Cleveland Heights, Ohio, assignor to General Electric Company. Electrode activation. 2,413,442; Dec. 31.

Foundation for Clinical and Surgical Research, assignee: *See*— Tarbox, John P.

Fountain, Guy R., Limited, assignee: *See*— Houlgate, Henry J., and Marks.

Fouré, Jacques: *See*— Gadoux, Eugène M., and Fouré.

Fourness, Charles A., Appleton, and K. J. Harwood, Neenah, Wis., assignors to International Cellucotton Products Company. Packaging cellulosic pads. 2,413,556; Dec. 31.

Four Wheel Drive Auto Co., The, assignee: *See*— Donley, Bartrum G., and Simonds.

Fowle, John M., Piedmont, and H. E. Kennedy, Berkeley, Calif., assignors to The Linde Air Products Company. Line tracker control. 2,397,933; Apr. 9.

Fowler, Bert F., Hinsdale, Ill., assignor to The Studebaker Corporation, South Bend, Ind. Backing wheel for belt type polishing machines. 2,402,131; June 18.

Fowler, Earl W.: *See*— Schoenfeld, Kurt F. E., and Fowler.

Fowler, Elbert, Mount Vernon, N. Y. Rotary pump. 2,397,098; Mar. 26.

Fowler, George B., assignee, et al.: *See*— Pattilloch, Donald K.

Fowler, George V., Henderson, N. C. Control mechanism. 2,400,816; May 21.

Fowler, Harlan D., San Diego, Calif. Airplane construction. 2,407,774; Sept. 17.

Fowler, Harwood B., Wayne, Pa. Method and apparatus for radium coating mechanism. 2,397,731; Apr. 2.

Fowler, Leonard E., Detroit, Mich. Unitary engine compressor. 2,394,904; Feb. 12.

Fowler, Ora S., Denver, Colo. Reel. 2,397,955; Apr. 9.

Fowler, Victor M., Spokane, Wash. Ladder. 2,409,266; Oct. 15.

Fowler, William F., Jr.: *See*— Kenyon, William O., and Fowler.

Fowlkes, William, Casper, Wyo. Flower and plant container. 2,404,370; July 23.

Fox, Alexander P., University City, L. C. Rotter, Maplewood, and V. G. Klein, assignors to Lincoln Engineering Company, St. Louis, Mo. Lubricant-receiving fitting. 2,400,817; May 21.

Fox, Arthur G., Fair Haven, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Switching device. 2,396,044; Mar. 5.

Fox, Arthur G., Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Impedance transformer. 2,411,534; Nov. 26.

Fox, Arthur L., Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Copper compounds of mercaptans derived from terpenes and producing them. 2,407,265; Sept. 10.

Fox, Arthur L., Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Copper compounds of mercaptans derived from pinene. 2,407,266; Sept. 10.

Fox, Arthur L., Easton, Pa., assignor to General Aniline & Film Corporation, New York, N. Y. Phthalocyanine sulfonhydrazides. 2,413,224; Dec. 24.

Fox, Burkett E.: *See*— Croft, John J., and Fox.

Fox, Charles I., Pella, Iowa. Internal-combustion engine. 2,399,998; May 7.

Fox, Elmer H., assignor, et al.: *See*— Bellows, Warren S.

Fox, Frank, Halifax, England. Inking and lacquering rollers for lithographic, printing, and lacquering machines. 2,393,097; Jan. 15.

Fox, Gordon: *See*— Whitcomb, Arthur J., and Fox.

Fox, John, assignee: *See*— McDougall, Stanley W.

Fox, Joseph E., N. A. Nelson, and W. S. Quincy, Jr., Dayton, Ohio. Quartz crystal holder. 2,408,768; Oct. 8.

Fox, Le Roy G., Los Angeles, assignor, by mesne assignments, to E & J Manufacturing Company, Glendale, Calif. Resuscitator insufflator aspirator. 2,408,136; Sept. 24.

Fox, Martin, Dansville, N. Y. Beverage bottle carrier. 2,406,756; Sept. 3.

Fox, Martin, Chicago, Ill., assignor to The Seng Company. Typewriter desk fixture. 2,411,088; Nov. 12.

Fox, Martin, Chicago, Ill., assignor to The Seng Company. Convertible lounge. 2,412,329; Dec. 10.

Fox, Milton R., assignor to Vickers Incorporated, Detroit, Mich. Power transmission. 2,392,471; Jan. 8.

Fox, Mitchell, Strafford, Pa. Paint mixer. 2,392,731; Jan. 8.

Fox, Oscar M., Pittsburgh, and W. R. Boyer, Oakmont, assignors to Blaw-Knox Company, Pittsburgh, Pa. Sealing means for soaking pit covers or the like. 2,394,298; Feb. 5.

Fox Products Company, assignee: *See*— Henke, Frederick W.

Fox, Samuel S., and R. C. Palmer, Jr., West Hartford, assignors to United Aircraft Corporation, East Hartford, Conn. Fuel proportioning device for pressure carburetors. 2,399,480; Apr. 30.

Fox, Sherman H., assignor of one-eighth to C. T. Bennett, Silver City, N. Mex. Checkerboard. 2,398,368; Apr. 16.

Fox, Sidney W., Ann Arbor, assignor to The Upjohn Company, Kalamazoo, Mich. Nicotinic acid processes. 2,413,615; Dec. 31.

Fox, Vernie A., Detroit, Mich. Heat processing machine. 2,406,821; Sept. 3.

Fox, Vernie A., Detroit, Mich. Control system and mechanism for heat processing machines. 2,406,822; Sept. 3.

Foxboro Company, The, assignee: *See*— Allen, Albert. Howe, Wilfred H.

Fraenckel, Victor H., and S. Hansen, Schenectady, N. Y., assignors to General Electric Company. Light-impulse system. 2,409,030; Oct. 8.

Fragen, Nathan: *See*— Nysewander, Cecil W., and N. Fragen.

Fragola, Caesar F.: *See*— Depp, Marlin C., and Fragola.

Fraim, Everett G.: *See*— Gerhard, Anthony E., and Fraim.

Fram Corporation, assignee: *See*— Belling, Theodore H. Gunn, Earl G.

Fram, David: *See*— Holschuh, Carl G., and Fram.

Frame, Clifton C., assignor to The G. M. Diehl Machine Works, Wabash, Ind. Core splicer. 2,407,070; Sept. 3.

Framhein, Herbert J., Chicago, Ill., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Industrial truck. 2,395,323; Feb. 19.

Framhein, Herbert J., Chicago, Ill., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Pallet truck. 2,399,596; Apr. 30.

Frampton, Forrest A.: *See*— Cahill, Lysle D., Neff, and Frampton.

Francis, Alfred W., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Separation of isomeric paraffins. 2,402,954; July 2.

Francis, Alfred W., Woodbury, N. J., and E. E. Reid, Baltimore, Md., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Alkylation. 2,397,542; Apr. 2.

Francis, John B., assignor to Lee Clay Products Company, Incorporated, Clearfield, Ky. Curb outlet. 2,397,655; Apr. 2.

Francis, John G., Heidelberg, near Melbourne, Australia. Watering trough for poultry and automatically controlling the supply of water thereto. 2,397,479; Apr. 2.

Francis, Oliver T., Renville, Minn. Impulse duration responsive or indicating device. 2,399,668; May 7.

Francis, Oliver T., Renville, Minn. Electronic ignition system. 2,409,262; Oct. 15.

Francis, Victor J., Aylesbury, and E. H. Nelson, Harrow Weald, England, assignors to General Electric Company. Electric discharge lamp. 2,404,953; July 30.

Francis, Wilbur C., Lees Summit, assignor of one-fourth to R. C. Burch and one-half to United Brick & Tile Company, Kansas City, Mo. Hydraulic lift asssembly attachments. 2,403,356; July 2.

Francisco, Damon E., Bronx, N. Y., assignor to Carbide and Carbon Chemicals Corporation. Cream nail polish remover. 2,393,864; Jan. 29.

Francisco, William H., Jr., Bloomfield, N. J., assignor to Wright Aeronautical Corporation. Combined air deflector and fin brace. 2,398,216; Apr. 9.

Franck, George E., Riverside, assignor to The Imperial Brass Manufacturing Company, Chicago, Ill. Forming closed metal capsules. 2,405,201; Aug. 6.

Franck, George E., Riverside, assignor to The Imperial Brass Manufacturing Company, Chicago, Ill. Sealed flexible coupling. 2,405,822; Aug. 13.

Franck, Kurt: *See*— Tuck, Davis H., Franck, and Quack.

Franck, Kurt, Newark, Ohio, assignor to Holophane Company, Inc., New York, N. Y. Lighting unit. 2,394,992; Feb. 19.

Franclare Company, assignee: *See*— Miller, Frank W.

Frandsen, Lawrence, assignor to National Antiseptics, Inc., Seattle, Wash. Antiseptic ice. 2,398,781; Apr. 23.

Frandsen, Pearl, New York, N. Y. Sectional suitcase. 2,398,299; Apr. 9.

Franquist, Gustav H., Chicago, Ill., assignor to Combustion Engineering Company, Inc., New York, N. Y. Variable-speed device. 2,399,177; Apr. 30.

Frank, Clarence E., Fraser, assignor to Briggs Manufacturing Company, Detroit, Mich. Engine. 2,401,630; June 4.

Frank, Clarence E., Fraser, assignor to Briggs Manufacturing Company, Detroit, Mich. Engine. 2,409,031; Oct. 8.

Frank, Frederick C., assignor to Bendix Aviation Corporation, South Bend, Ind. Wheel construction. 2,406,068; Aug. 20.

Frank, George H., Oak Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Molding device. 2,411,254; Nov. 19.

Frank, Louis, Fellows, Calif. Adjustable nut. 2,393,764; Jan. 29.

Frank, Louis, Fellows, Calif. Measuring spoon. 2,396,943; Mar. 19.

Frank, Louis, Fellows, Calif. Strainer or egg poacher. 2,404,130; July 16.

Frank, Louis, Fellows, Calif. Self-latching electric plug. 2,408,551; Oct. 1.

Franke, Bengt E. E.: *See*— Bieber, Clarence G., Franke, and Sumpter.

Frankel, Enrique, Santiago, Chile. System for heating, cooling and air conditioning of buildings. 2,392,240; Jan. 1.

Frankel, Leo, Chicago, Ill. Camera. 2,413,443; Dec. 31.

Frankel, Milton, Keesler Field, Miss., and M. S. Agruss, assignors to The Pure Oil Company, Chicago, Ill. Obtaining low sulphur diisobutylene polymer. 2,394,678; Feb. 12.

Frankel, Sydney, New York, N. Y., assignor, by mesne assignments, to M. J. Rymland, Baltimore, Md. Clip forming and applying machine. 2,391,891; Jan. 1.

Frankenberg Bros., Inc., assignee: *See*— Klein, Clarence F.

Frankenstein, William P., Cincinnati, Ohio. Carton. 2,397,135; Mar. 26.

Frankenstein, William P., Cincinnati, Ohio. Carton. 2,397,934; Apr. 9.

Frankland, Earl M.: *See*— Rose, Edwin L., Tweedale, Thomas, and Frankland.

Franklin, Alan P., Lower Kingswood, England. Stereoscopic apparatus in relation to cinematograph reproduction and television. 2,410,725; Nov. 5.

Franklin, Albert W., New York, N. Y. Structural unit. 2,401,472; June 4.

Franklin, Edmond G.: *See*— Wilkie, James W., and Franklin.

Franklin, Joe L., Jr., Goose Creek, Tex., assignor to Standard Oil Development Company. Petroleum products. 2,393,154; Jan. 15.

Franklin Railway Supply Company, Inc., assignee: *See*— Kirchhof, Julius.

Franklin, Ralph E., Minneapolis, Minn. Adjustable neckband for collars and shirts. 2,396,842; Mar. 19.

Franklin, Robert B., Dallas, Tex., assignor to Playground Equipment Company. Amusement apparatus. 2,405,495; Aug. 6.

Franklin, Robert B. W., Dallas, Tex. Amusement device. 2,403,593; July 9.

Franklin, William B., Baytown, Tex., assignor to Standard Oil Development Company. Isomerization process. 2,407,488; Sept. 10.

Frankwich, Alexander C., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for whipping conductors. 2,398,217; Apr. 9.

Frantz, Howard E., Jr.: *See*—
Snell, William E., Frantz, and Hignutt.

Frantz, John F., Chicago, Ill. Paperhanger's tool. 2,402,994; July 2.

Frantz Manufacturing Co., assignee: *See*—
Ferris, William D., and Wolf.

Franz, Arvel O., Alton, Ill., and L. H. Juel, St. Louis, Mo., assignors to Olin Industries, Inc. Manufacture of chemical compounds. 2,403,068; July 2.

Franz, Erwin E., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Strand handling apparatus and method of handling strands. 2,393,243; Jan. 22.

Franz, Frederick, West Haven, assignor to C. J. Bates & Son, Chester, Conn. Crochet needle. 2,402,388; June 18.

Franz, Henry H.: *See*—
Stewart, Robert J., and Franz.

Franz, Raymond A., Wallingford, Pa., assignor to The United Gas Improvement Company. Chemical process. 2,392,910; Jan. 15.

Franz, Raymond A., Wallingford, Pa., assignor to The United Gas Improvement Company. Distillation of aromatic olefines. 2,399,340; Apr. 30.

Franz, Robert T.: *See*—
Franz, Roscoe R. and R. T.

Franz, Roscoe R. and R. T., Long Beach, Calif. Acid level indicator and electrolyte condenser for storage batteries. 2,400,228; May 14.

Franzen, James F., Chicago, Ill., assignor to Air Reduction Company, Incorporated. Apparatus for cutting metal along curved lines. 2,403,514; July 9.

Fraser, Charles E.: *See*—
Asch, Abraham B.

Fraser, Charles E., Rockville Center, N. Y. Microphone. 2,393,318; Jan. 22.

Fraser, Charles F., Clearwater, Fla. Filter cleaning mechanism. 2,396,779; Mar. 19.

Fraser, Douglas, & Sons Limited, assignee: *See*—
Fraser, Gordon S.

Fraser, Dyrus H., Washington, D. C. Transmission line joint. 2,395,861; Mar. 5.

Fraser, Gordon S., assignor to Douglas Fraser & Sons Limited, Arbroath, Angus, Scotland. Sliver roll forming and delivery apparatus. 2,413,042; Dec. 24.

Fraser, Harold M., New Orleans, La., assignor to International Lubricant Corporation, New Orleans, La. Production of lubricants. 2,397,956; Apr. 9.

Fraser, Henry, Arbroath, Scotland, assignor to Douglas Fraser & Sons Limited. Cupola installation and charging system therefor. 2,399,341; Apr. 30.

Fraser, Walter A., Irondequoit, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Fluorine-containing ceramics and making same. 2,407,874; Sept. 17.

Fraser, Walter G., Jr., Prospect Park, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Heat exchange apparatus. 2,412,573; Dec. 17.

Frasset, Christopher, assignee: *See*—
Des Roches, Hilton H.

Fratis, Joseph E., Berkeley, and E. H. Oakley, El Cerrito, assignors to American Bitumuls Company, San Francisco, Calif. Bituminous emulsions. 2,406,823; Sept. 3.

Frauenthal, Harold, assignor to The Kaydon Engineering Corporation, Muskegon, Mich. Bearing. 2,399,669; May 7.

Frawley, Robert N.: *See*—
Martin, Edward J., Grinstead, and Frawley.

Frazier, Pearl G., Des Moines, Iowa. Power transmission device. 2,398,300; Apr. 9.

Frear, Jenness B., Evanston, assignor to Signode Steel Strapping Company, Chicago, Ill. Bundle and producing the same. 2,409,750; Oct. 22.

Frearson, Thomas R.: *See*—
Jackson, Thomas, and Frearson.

Freas, George L.: *See*—
Fene, William J., and Freas.

Freas, Raymond L., Conshohocken, Pa. Safety landing device. 2,399,221; Apr. 30.

Frech, Theodore W., Cleveland, Ohio, assignor to General Electric Company. Starting control for electric discharge device. 2,394,436; Feb. 5.

Frederick, Charles W., Muncie, Ind., assignor to General Motors Corporation, Detroit, Mich. Trap for chips. 2,408,923; Oct. 8.

Frederick, Emile, Jr.: *See*—
Irvine, Fergus A., and Frederick.

Fredericks, Alfred, New York, N. Y. Zigzag stitching machine. 2,396,169; Mar. 5.

Fredericks, George E., Meadowbrook, assignor to George E. Fredericks Company, Bethayres, Pa. Gas flow resistance. 2,406,141; Aug. 20.

Fredericks, George E., Bethayres, and J. Sivertsen, Philadelphia, assignors to George E. Fredericks Co., Bethayres, Pa. Electrolytic type of periodic circuit interrupter. 2,411,089; Nov. 12.

Fredericks, George E., Company, assignee: *See*—
Fredericks, George E.
Fredericks, George E., and Sivertsen.

Fredricksen, Arthur F., Milwaukee, Wis. Candy decorating apparatus. 2,405,879; Aug. 13.

Fredrickson, Walter S., Fort Wayne, Ind. Liquid extract of coffee and extracting and preparing the same. 2,410,157; Oct. 29.

Fredriksen, Clyde, Gurney, Wis. Outlet box and anchor therefor. 2,413,139; Dec. 24.

Free Press Association, assignee: *See*—
Powers, John W.

Freed, Meyer L., Ansonia, assignor to The Seymour Manufacturing Co., Seymour, Conn. Electroplating nickel and cobalt, baths and agents therefor. 2,409,119; Oct. 8.

Freed, Meyer L., Ansonia, and O. A. Stocker, New Haven, assignors to The Seymour Manufacturing Co., Seymour, Conn. Production of bright metallic deposits. 2,409,120; Oct. 8.

Freed, William V., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Catalyst and production of vinyl esters. 2,411,962; Dec. 3.

Freedlander, Abraham L.: *See*—
Bacon, Henry M., and Freedlander.

Freedlander, Abraham L., assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Belt. 2,392,373; Jan. 8.

Freedman, Bertha, assignee: *See*—
Freedman, Hyman.

Freedman, Hyman, New York, N. Y. Syringe. 2,399,796; May 7.

Freedman, Hyman, assignor of one-half to B. Freedman, New York, N. Y. Surgical instrument. 2,393,319; Jan. 22.

Freedman, Israel L., Washington, D. C. Sleeve construction. 2,394,541; Feb. 12.

Freedman, Israel L., Washington, D. C. Sleeve construction. 2,402,619; June 25.

Freedom, Thomas C.: *See*—
Carlson, Vernon E., and Freedom.

Freeland Spool and Bobbin Corp., assignee: *See*—
Markle, George B., Jr.

Freeland, Ward C., Vassar, Mich. Needle sharpening device. 2,402,245; June 18.

Freelander, Jullus, Kansas City, Mo. Window screen catch. 2,413,444; Dec. 31.

Freeman, Alpheus J., assignor, by mesne assignments, to G. S. Noble, Chicago, Ill. Casing. 2,410,206; Oct. 29.

Freeman, Frank E., Bath, Maine. Assembling main reduction gears. 2,393,098; Jan. 15.

Freeman, George, Bolton, England. Apparatus for checking gear wheels. 2,398,139; Apr. 9.

Freeman, Henry D., Chicago, Ill. Lock. 2,400,229; May 14.

Freeman, Horace, Three Rivers, Quebec, assignor to Consolidated Paper Corporation Limited, Montreal, Quebec, Canada. Bleaching and loading of papermaking fiber. 2,398,420; Apr. 16.

Freeman, Hugh B., Washington, D. C. Fairing. 2,397,957; Apr. 9.

Freeman, Hugh B., Washington, D. C. Weapon. 2,397,958; Apr. 9.

Freeman, Hugh B., and B. A. Wiener, Washington, D. C. Acoustic mine-sweeping device. 2,395,862; Mar. 5.

Freeman, Lewis D., Richmond, Va. Cushioning device. 2,410,933; Nov. 12.

Freeman, Lowell C.: *See*—
Haberstump, Alfred H., and Freeman.

Freeman, Newell L., Schenectady, assignor to American Locomotive Company, New York, N. Y. Electric switch device. 2,400,496; May 21.

Freeman, Raymond A., assignor, by mesne assignments, to The V & O Press Company, Incorporated, Hudson, N. Y. Stock feeding mechanism. 2,392,138; Jan. 1.

Freeman, Robert M., U. S. Navy. Rotary belt loading machine. 2,413,316; Dec. 31.

Freeman, Walter B., Cuyahoga Falls, and R. E. Lindemann, Barberton, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Tire building form. 2,413,445; Dec. 31.

Freeman, Walter R., Clayton, assignor to Wagner Electric Corporation, St. Louis, Mo. Lubrication system. 2,394,437; Feb. 5.

Freeman, Walter R., Clayton, assignor to Wagner Electric Corporation, St. Louis, Mo. Oil separator. 2,398,090; Apr. 9.

Freeman, Walter R., St. Louis County, Mo. Bearing. 2,406,069; Aug. 20.

Freer, Clyde P., assignor to The Halsey W. Taylor Company, Warren, Ohio. Water cooling apparatus. 2,403,272; July 2.

Freer, Phelps M., Detroit, Mich. Brake. 2,393,980; Feb. 5.

Freese, Charles E., Scotia, assignor to General Electric Company, New York, N. Y. Operating mechanism. 2,409,032; Oct. 8.

Freese, Gerald J.: *See*—
Dyer, Lloyd W., and Freese.

Freese, Herman C., Houston, Tex. Window screen drain. 2,407,229; Sept. 10.

Fregeolle, Oscar, assignor to Hemphill Company, Central Falls, R. I. Yarn feed, binder, and cutter. 2,399,729; May 7.

Fregeolle, Oscar, assignor to Hemphill Company, Central Falls, R. I. Needle leveler and latch opener. 2,400,636; May 21.

Fregeolle, Oscar, assignor to Hemphill Company, Central Falls, R. I. Knitted terry fabric. 2,400,637; May 21.

Fregeolle, Oscar, assignor to Hemphill Company, Central Falls, R. I. Knitting. 2,402,744; June 25.

Fregeolle, Oscar, assignor to Hemphill Company, Central Falls, R. I. Wrap horn mechanism. 2,402,745; June 25.

Fregeolle, Oscar, assignor to Hemphill Company, Central Falls, R. I. Fabric take-up. 2,406,285; Aug. 20.

Fregeolle, Oscar, assignor to Hemphill Company, Central Falls, R. I. Fashion mechanism. 2,411,255; Nov. 19.

Fregeolle, Oscar, assignor to Hemphill Company, Central Falls, R. I. Slider mechanism. 2,411,418; Nov. 19.

Fregeolle, Oscar, assignor to Hemphill Company, Central Falls, R. I. Wrap mechanism. 2,411,719; Nov. 26.

Frei, Jakob R.: *See*—
Spengler, Walter J., Tognola, and Frei.

Frei, Jakob R., Sidney, assignor to Bendix Aviation Corporation, New York, N. Y. Ignition means. 2,391,958; Jan. 1.

Frei, Jakob R., Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Electrical connecting means and radio shielding means therefor. 2,405,881; Aug. 13.

Frei, Jost: *See*—
Greenacher, Charles, Frei, and Meyer.

Freis, Frederick M., Chicago, assignor to Conlon Corporation, Cicero, Ill. Lap shelf for ironing machines. 2,400,497; May 21.

Freisen, Edward C., assignor to Ex-Cell-O Corporation, Detroit, Mich. Retractable tool holding means. 2,412,038; Dec. 3.

Fremlin, John H., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Electron discharge apparatus. 2,406,824; Sept. 3.

Fremlin, John H., assignor to Standard Telephones and Cables Limited, London, England. High-frequency electron discharge apparatus. 2,411,535; Nov. 26.

Fremlin, John H., and R. N. Hall, London W. C. 2, assignors to Standard Telephones and Cables Limited, London, England. Electron discharge apparatus. 2,410,054; Oct. 29.

French, Edward A., and G. Sporney, Chicago, Ill., assignor to Birtman Electric Company. Split cast cylindrical housing for suction cleaners. 2,403,970; July 16.

French, George F., assignor to R. French, Manchester, England. Ladder webbing. 2,408,839; Oct. 8.

French, Henry C.: *See*—
Kuehlman, Norman V., and French.

French, Henry C., Elm Grove, assignor to The Heil Co., Milwaukee, Wis. Two-wheeled cable operated rear dump scraper. 2,404,482; July 23.

French, Henry C., Elm Grove, assignor to The Heil Co., Milwaukee, Wis. Universal mounting for road machine mold boards. 2,412,574; Dec. 17.

French, Henry C., Elm Grove, and N. V. Kuehlman, assignors to The Heil Co., Milwaukee, Wis. Scraper. 2,406,826; Sept. 3.

French, Louis O., Milwaukee, Wis. Fuel injector. 2,392,374; Jan. 8.

French, Louis O., Milwaukee, Wis. Fuel injection apparatus. 2,397,136; Mar. 26.

French, Norman R., Pleasantville, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Privacy system for speech transmission. 2,406,825; Sept. 3.

French, Ogle F., Wichita, Kans. Washing machine for window blinds. 2,410,934; Nov. 12.

French Oil Mill Machinery Company, The, assignee: *See*—
Stacy, Thomas F.

French, Robert E., assignor to Eastman Kodak Company, Rochester, N. Y. Indicator assembly. 2,401,682; June 4.

Freres, Robert N., Rochester, N. Y., assignor to the United States of America, as represented by the Secretary of War. Autocollimating button and light shield therefor. 2,393,896; Jan. 29.

French, Roger, assignee: *See*—
French, G. F.

Frerer, Paul G., assignor to Perfex Corporation, Milwaukee, Wis. Snap switch. 2,410,055; Oct. 29.

Fresco, Jacque, Hollywood, Calif. Variable camber wing. 2,410,056; Oct. 29.

Frese, Joseph F., Baltimore, Md. Electromagnet. 2,400,344; May 14.

Frese, Joseph F., assignor to The Monitor Controller Company, Baltimore, Md. High-frequency electrical switch and contactor system. 2,399,430; Apr. 30.

Freund, Herman R., and C. G. Youngquist, assignors to Intertype Corporation, Brooklyn, N. Y. Apparatus for producing justified type matter. 2,395,659; Feb. 26.

Freund, Dr. Robert R., assignee: *See*—
Drexler, Charles, and Morgan.

Freund, Robert R., Phillips, Tex., assignor to Phillips Petroleum Company. Crosshead. 2,404,835; July 30.

Freund, Walter, Tel Aviv, Palestine. Accumulator. 2,405,349; Aug. 6.

Freundlich, Albert, New York, N. Y., assignor to Spiral Binding Company, Inc. Loose-leaf binder. 2,413,616; Dec. 31.

Frevel, Ludo K., assignor to The Dow Chemical Company, Midland, Mich. Removal of highly unsaturated hydrocarbon impurities from diolefin-containing mixtures. 2,398,301; Apr. 9.

Frevert, Andrew W.: *See*—
Gorham, John E., and Frevert.

Frey, Frederick E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Hydrocarbon conversion. 2,393,857; Jan. 29.

Frey, Frederick E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Alkylation of benzene. 2,394,905; Feb. 12.

Frey, Frederick E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Production of motor fuel. 2,394,906; Feb. 12.

Frey, Frederick E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Diolefin preparation. 2,396,416; Mar. 12.

Frey, Frederick E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Manufacture of diolefins. 2,402,277; June 18.

Frey, Frederick E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Hydrocarbon reconstruction. 2,403,649; July 9.

Frey, Frederick E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Reconstruction of paraffins. 2,403,650; July 9.

Frey, Frederick E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Treatment of hydrocarbons. 2,403,714; July 9.

Frey, Frederick E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Production of motor-fuel hydrocarbons. 2,404,483; July 23.

Frey, Frederick E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Conversion of hydrocarbons. 2,411,256; Nov. 19.

Frey, Frederick E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Fluorine removal process. 2,412,726; Dec. 17.

Frey, Frederick E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Azeotropic distillation of butadiene and 2-butene. 2,412,880; Dec. 17.

Frey, Frederick E., and H. J. Hepp, Bartlesville, Okla., and G. H. Morey, Terre Haute, Ind., assignors to Phillips Petroleum Company. Thermally reacting hydrocarbons. 2,401,922; June 11.

Frey, Frederick E., Bartlesville, Okla., and R. D. Snow, Edgewood, Md., assignors to Phillips Petroleum Company. Producing and concentrating diolefins. 2,407,825; Sept. 17.

Freydberg, G. H., and E., Inc., assignee: *See*—
Nimetz, Gertrude.

Freygang, Walter H., Essex Fells, assignor to Specialties Development Corporation, Bloomfield, N. J. Fluid medium dispensing apparatus. Re. 22,721; Feb. 12.

Freygang, Walter H., Essex Fells, N. J., assignor to Kidde Manufacturing Co., Inc. Inflating device. 2,399,670; May 7.

Freyn Engineering Company, assignee: *See*—
Whitcomb, Arthur J.
Whitcomb, Arthur J., and Fox.

Friang, Henry G.: *See*—
Anthony, Herman R. C., and Friang.

Frick, William H.: *See*—
Moecker, Henry, Jr., Frick, Meacham, and White.

Friday, Paul D., Portland, Oreg. Packing box and trays. 2,393,099; Jan. 15.

Friden Calculating Machine Co., Inc., assignee: *See*—
Ellerbeck, Grant C.
Friden, Carl M., and Machado.
Friden, Carl M., and Moody.
Moody, John L.

Friden, Carl M., Pleasanton, and A. B. Machado, Oakland, Calif., assignors to Friden Calculating Machine Co., Inc. Calculating machine. 2,399,917; May 7.

Friden, Carl M., Pleasanton, and A. B. Machado, San Leandro, Calif., assignors to Friden Calculating Machine Co., Inc. Calculating machine. 2,401,473; June 4.

Friden, Carl M., Pleasanton, and J. L. Moody, Oakland, Calif., assignors to Friden Calculating Machine Co., Inc. Calculating machine. 2,403,069; July 2.

Friden, Carl M., Pleasanton, and A. B. Machado, Oakland, Calif., assignors to Friden Calculating Machine Co., Inc. Calculating machine. 2,403,273; July 2.

Friden, John H., Maplewood, assignor to Newark Engineering Company, Hillside, N. J. Printing machine. 2,399,630; May 7.

Friden, John H., Maplewood, assignor to Newark Engineering Company, Hillside, N. J. Article conveyer. 2,411,854; Dec. 3.

Fridolph, Annette E., New York, N. Y. Combined header and supporting member. 2,412,608; Dec. 17.

Fried, Joseph A., Haddon Heights, N. J., assignor to Radio Corporation of America. Making mica capacitors. 2,403,971; July 16.

Frieder, Leonard P.: *See*—
Johnsen, Bjornulf.

Frieder, Leonard P., assignee: *See*—
Finken, Walter S.

Frieder, Leonard P., New York, N. Y. Parachute. 2,410,207; Oct. 29.

Frieder, Leonard P., Rockville Centre, and W. S. Finken, Brooklyn, N. Y.; said Finken assignor to said Frieder Mechanical release. 2,406,010; Aug. 20.

Frieder, Leonard P., Rockville Centre, and W. S. Finken, Brooklyn, N. Y.; said Finken assignor to said Frieder. Parachute. 2,410,057; Oct. 29.

Frieder, Leonard P., Rockville Centre, and W. S. Finken, Brooklyn, N. Y.; said Finken assignor to said Frieder. Mechanical release. 2,410,816; Nov. 12.

Friedheim, Ernst A. H., New York, N. Y. Long chain aliphatic hydrocarbon compounds of arsenic. 2,396,258; Mar. 12.

Friedheim, Ernst A. H., New York, N. Y. Substituted 1,3,5 - triazinyl - (6) - amino - phenyl arsenic compounds. 2,400,547; May 21.

Friedheim, Frank, Minneapolis, Minn. Cutting rake for crab grass and the like. 2,395,111; Feb. 19.

Friedlander, Erich, North Wembley, assignor to The General Electric Company Limited, London, England. Electromagnetic pump. 2,397,785; Apr. 2.

Friedlander, Erwin F., assignor to O. & F. Company Proprietary Limited, Hobart, Tasmania, Australia. Arc welding electrodes. 2,408,619; Oct. 1.

Friedlander, Erwin F., assignor to O. & F. Company Proprietary Limited, Hobart, Tasmania, Australia. Arc welding electrodes. 2,408,620; Oct. 1.

Friedman, Abraham, New York, N. Y. Removable shoulder pad. 2,408,840; Oct. 8.

Friedman, Abraham, and P. Thompson, assignors to Unit Structures, Inc., Peshtigo, Wis. Electric planer. 2,411,257; Nov. 19.

Friedman, Abraham S.: *See*—
Hanisch, Max C., Jr.

Friedman, Bernard S., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Extracting an aromatic hydrocarbon from a mixture containing other hydrocarbons. 2,403,972; July 16.

Friedman, Harold V., San Francisco, Calif. Drying apparatus. 2,394,605; Feb. 12.

Friedman, Herbert, Arlington, Va. Radiographic exposure meter. 2,405,572; Aug. 13.

Friedman, John H., assignor to The National Machinery Company, Tiffin, Ohio. Process and apparatus for making hollow rivets. 2,396,995; Mar. 19.

Friedman, Joseph L., Manhasset, N. Y. Flying propeller toy. 2,410,726; Nov. 5.

Friedman, Maurice, Asbury Park, N. J., assignor to the United States of America as represented by the Secretary of War. Removal of tetraethyl lead from hydrocarbons. 2,392,846; Jan. 15.

Friedman, William F., Washington, D. C. Crytographic device. 2,395,863; Mar. 5.

Friedrich, Albert: *See*—
Nallinger, Fritz, and Friedrich.

Friedrich, Albert, Stuttgart-Bad Cannstatt, Germany; vested in the Alien Property Custodian. Drive for oppositely rotating propellers. 2,394,299; Feb. 5.

Friedrich, Ralph E.: *See*—
Robinson, Harold A., Friedrich, and Spencer.

Friedrich, Robert E., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Contact structure. 2,406,327; Aug. 27.

Friegel, William, assignor to L. A. Young Spring and Wire Corporation, Detroit, Mich. Shelf or rack for refrigerators, ovens, and the like. 2,410,648; Nov. 5.

Friehauf, Alexander, assignee: *See*—
Schutten, Joseph J.

Friel, James C., assignee: *See*—
Lotthamer, Paul H.

Fries, Eduard, Oerlikon, Switzerland. Transformer with variable secondary reactance. 2,411,370; Nov. 19.

Fries, Gustav, Berlin-Charlottenburg, Germany; vested in the Alien Property Custodian. Speaking machine. 2,396,563; Mar. 12.

Friez, Reinhold, Lemmon, S. Dak. Disk grinding stand. 2,396,843; Mar. 19.

Friis, Harald T., Rumson, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coupling system. 2,401,751; June 11.

Friis, Harald T., Rumson, and V. C. Rideout, Red Bank, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Oscillation generator. 2,406,364; Aug. 27.

Frisch, Martin, assignor to Foster Wheeler Corporation, New York, N. Y. Vapor generator. 2,405,573; Aug. 13.

Frische, Carl A.: *See*—
Hanson, Gerald N., Halpert, and Frische.

Frische, Carl A., Leonia, N. J., G. P. Bentley, Wollaston, Mass., and P. Halpert, Elmhurst, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Electrohydraulic control system. 2,398,421; Apr. 16.

Frische, Carl A., Great Neck, G. P. Bentley, Garden City, and P. Halpert, Kew Gardens, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Electrohydraulic control system. 2,408,770; Oct. 8.

Frische, Carl A., Leonia, and G. N. Hanson, Allendale, N. J., assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Automatic climb and glide control for aircraft. 2,410,058; Oct. 29.

Frischmann, George: *See*—
Murray, Thomas E., Phelps, and Frischmann.

Frischmann, George J., Queens Village, and C. F. Brunner, Woodhaven, assignors to Metropolitan Engineering Company, Woodhaven, N. Y. Welder. 2,396,002; Mar. 5.

Fritsch, Walter, assignee: *See*—
Conroy, Charles L., and Fritsch.

Fritschi, Walter W., Manhasset, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y.

Fritschle, Arthur, University City, Mo., assignor to American Smelting and Refining Company, New York, N. Y. Dumping mechanism for molds. 2,409,121; Oct. 8.

Oscillation generator. 2,409,620; Oct. 22.

Fritts, Morris, Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Spring holder for cantilever elements. 2,404,385; July 23.

Fritzinger, George H., West Orange, N. J., assignor of one-half to H. G. Kendall, Brooklyn, N. Y. Tape working machine and method. 2,401,298; June 4.

Fritzsch, Frank A., assignor to The Lodge & Shipley Machine Tool Company, Cincinnati, Ohio. Machine tool structure. 2,408,841; Oct. 8.

Frixione, Pedro A., Buenos Aires, Argentina. Paper bag having a burlap sampling zone. 2,410,282; Oct. 29.

Frock, George: *See*—
Lindsey, Roy B., and Frock.

Froelich, Herman C., Cleveland, Ohio, assignor to General Electric Company. Strontium aluminate phosphor. 2,392,814; Jan. 15.

Froelich, Herman C., Cleveland, Ohio, assignor to General Electric Company. Luminescent material. 2,402,955; July 2.

Froelich, Herman C., Cleveland, Ohio, assignor to General Electric Company. Phosphors and their stabilization. 2,408,621; Oct. 1.

Froelich, Kurt, assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Scavenging reversible internal-combustion engine. 2,394,237; Feb. 5.

Fröhlich, Hans, Zug, Switzerland, assignor to Landis & Gyr, A. G. Note-frequency remote control installation. 2,396,944; Mar. 19.

Frohnapel, Alvah V., Grand Rapids, assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,411,419; Nov. 19.

Frolander, Frank C., Elizabeth, N. J., assignor to Mergenthaler Linotype Company. Typographical composing machine. 2,399,999; May 7.

Frolich, Per K., Westfield, N. J., assignor, by mesne assignments, to Jasco, Incorporated. Rubberlike polymeric substance and producing it. 2,392,847; Jan. 15.

Fromson, Bertram W., Manchester, England. Extendible bearer or support for temporary or permanent use in building construction. 2,403,853; July 9.

Frosch, Alex, Houston, Tex., assignor to Standard Oil Development Company. Well logging. 2,412,575; Dec. 17.

Frosst, Eliot S., assignee: *See*—
Findlay, Albert J.

Frosst, John B., assignee: *See*—
Findlay, Albert J.

Frost, Amy L., executor, et al.: *See*—
Frost, Frank R.

Frost, Douglas V., Waukegan, assignor to Abbott Laboratories, North Chicago, Ill. Therapeutic solutions. 2,407,412; Sept. 10.

Frost, Frank R., deceased; A. L. Frost, E. F. Potter, and The Union Trust Company of Pittsburgh, executors; said F. R. Frost assignor to Superior Steel Corporation, Pittsburgh, Pa. Making bimetallic products. 2,413,317; Dec. 31.

Frost, Horace E., Grand Rapids, Mich. Indoor latch and lock. 2,407,775; Sept. 17.

Frost, J. G., assignee: *See*—
Beckstrom, Harry A.

Frost, Leslie E.: *See*—
Pendleton, Wesley W., and Frost.

Frost, Orcutt W., Highland Park, and G. S. Willey, assignors to United States Gypsum Company, Chicago, Ill. Apparatus for making curved cellulosic sheets. 2,396,996; Mar. 19.

Frost, Orcutt W., Highland Park, and J. H. Conover, assignors to United States Gypsum Company, Chicago, Ill. Building element. 2,398,632; Apr. 16.

Frost, William F.: *See*—
Hull, Harvard L., Gorrill, and Frost.

Fruehauf Trailer Company, assignee: *See*—
Reid, Frederick M.

Fruit & Vegetable Processing Co., assignee: *See*—
Wilson, William H.

Frum, General S., Hollidays Cove, W. Va., assignor to National Steel Corporation. Apparatus for drying strip-like material. 2,402,545; June 25.

Fruth, Hal F., Skokie, Ill. Making electrical resistors. 2,400,404; May 14.

Fruth, Hal F., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Apparatus for making piezoelectric crystals. 2,404,282; July 16.

Fruth, Hal F., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Apparatus for grinding the surfaces of small objects. 2,405,417; Aug. 6.

Fruth, Hal F., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Method and apparatus for grinding small objects. 2,410,491; Nov. 5.

Fry, Benjamin W., University City, assignor to National Vendors, Inc., St. Louis, Mo. Vending machine. 2,418,304; Dec. 31.

Fry, Douglas J.: *See*—
Kendall, John D., and Fry.
Kendall, John D., Fry, and Brooks.

Fry, George H., New Hyde Park, and W. J. Beck, Yonkers, N. Y. Sealing apparatus. 2,395,387; Feb. 26.

Fry, John J., Bremerton, Wash. Reglet. 2,405,202; Aug. 6.

Frye, Enoch M.: *See*—
Beaver, John D., and Frye.

Fryer, Louis S.: *See*—
Kline, Hayden B., Fryer, and MacLaurin.

Fryling, Charles F., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Polymerization in aqueous emulsion. 2,392,585; Jan. 8.

Fryling, Charles F., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Polymerization of unsaturated organic compounds in the presence of sulphur-containing modifiers of polymerization. 2,396,997; Mar. 19.

Fryling, Charles F., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Polymerization of butadiene-1,3 hydrocarbons. 2,401,346; June 4.

Fuchs, Alfred R.: *See*—
Fuchs, John R. and A. R.

Fuchs, Charles F.: *See*—
Kharasch, Morris S., and Fuchs.

Fuchs, John R. and A. R., Kansas City, Mo. Slicing device. 2,407,658; Sept. 17.

Fuchs, Morton, assignor to Federal Telephone and Radio Corporation, New York, N. Y. Phase comparison system. 1,407,659.

Fuchs, Morton, assignor to Federal Telephone and Radio Corporation, New York, N. Y. Shielded loop antenna. 2,393,981; Feb. 5.

Fuchs, Morton, assignor to Federal Telephone and Radio Corporation, New York, N. Y. Differential coupling arrangement. 2,397,643; Apr. 2.

Fuchs, Walter M., assignee: *See*—
Jahoda, Edward.
Jahoda, Edward, and Wittenmyer.

Fuday, Leo F.: *See*—
Keller, William C., and Fuday.

Fuel Charger Corporation, assignee: See—
Parsons, Ben G.

Fuel Refining Corporation, assignee: *See*—
Otto, Carl.

Fuel Saver Corporation, assignee: *See*—
Pernet, Joseph E.

Fuerst, Carl C., assignor to Eastman Kodak Company, Rochester, N. Y. Flash lamp synchronizing apparatus. 2,405,741; Aug. 13.

Fuerst, Carl C., assignor to Eastman Kodak Company, Rochester, N. Y. Setting shutter drive. 2,410,649; Nov. 5.

Fuerst, Carl C., assignor to Eastman Kodak Company, Rochester, N. Y. Camera shutter blade opener. 2,412,681; Dec. 17.

Fuge, Harry B., Somerville, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Electric motor. 2,393,527; Jan. 22.

Fukal, Alfred F., Cambridge, Ohio, assignor to Continental Can Company, Inc., New York, N. Y. Globe. 2,405,418; Aug. 6.

Fulfer, Glen, San Francisco, Calif. Taping machine. 2,405,742; Aug. 13.

Fulke, Frank L., Terre Haute, Ind. Method of and apparatus for making bits. 2,403,651; July 9.

Fulke, Frank L., assignor to Frank Prox Company, Inc., Terre Haute, Ind. Coal cutting bit and holder therefor. 2,396,945; Mar. 19.

Fulke, Frank L., assignor to F. Prox Company, Inc., Terre Haute, Ind. Lubrication for mining machine chains. 2,400,230; May 14.

Fulke, Frank L., assignor to Frank Prox Company, Inc., Terre Haute, Ind. Mining machine chain. 2,409,978; Oct. 22.

Fuller, Allen R., assignor to A. E. Staley Manufacturing Co., Decatur, Ill. Sizing material. 2,403,515; July 9.

Fuller Brush Company, The, assignee: *See*—
Cave, Henry.
Le Febvre, Alfred L.

Fuller Company, assignee: *See*—
Gaffney, Joseph B.

Fuller, Cyril, assignee: *See*—
Burry, Arthur A.

Fuller, Everett W., and H. G. Berger, Woodbury, and R. H. Williams, Merchantville, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Mineral oil composition and improving agent. 2,411,153; Nov. 19.

Fuller, Frederic B.: *See*—
Guibert, Francis W., and Fuller.

Fuller, Frederick L., deceased, West Orange, by S. B. Harrison, East Orange, N. J., and J. G. Phillips, executors, assignors to International Business Machines Corporation, New York, N. Y. Printing machine. 2,408,622; Oct. 1.

Fuller Label & Box Company, assignee: *See*—
Hardesty, Eugene.

Fuller Manufacturing Co., assignee: *See*—
Backus, Thomas, and Parris.
Trail, Herbert H.

Fuller, Richard B., Washington, D. C. Cartography. 2,393,676; Jan. 29.

Fullerton, Dick P., Jr., New York, N. Y. Variable speed transmission. 2,397,480; Apr. 2.

Fullerton, George H., Laurel Park, N. C., and T. V. Moss, Hunting Valley, Ohio. Cordlike product. 2,403,652; July 9.

Fullerton, Robert H., assignor to C. R. Stewart, Binghamton, N. Y. Lock nut. 2,396,259; Mar. 12.

Fulton Company, The, assignee: *See*—
Riemann, Howard C., and Thorp.
Thorp, Joel R., and Strand.

Fulton, John W., Wickliffe, Ohio, assignor to General Electric Company. Electric discharge device. 2,400,345; May 14.

Fulton, John W., Wickliffe, Ohio, assignor to General Electric Company. Filament joint for electric lamps or similar devices. 2,403,070; July 2.

Fulton, Oliver H., Jr., Montclair, N. J., assignor to Radio Corporation of America. Electron discharge device. 2,396,170; Mar. 5.

Fulton, Weston M., assignor to W. J. Savage Company, Inc., Knoxville, Tenn. Fuel feeder. 2,395,732; Feb. 26.

Fulton, Weston M., assignor to W. J. Savage Company, Inc., Knoxville, Tenn. Rotary burner. 2,395,733; Feb. 26.

Fulton, Weston M., assignor to W. J. Savage Company, Inc., Knoxville, Tenn. Automatic stoker. 2,402,810; June 25.

Fulton, Wilbur C., Wilkinsburg, assignor to Westinghouse Electric Corporation, Pittsburgh, Pa. Control system. 2,412,881; Dec. 17.

Funk, Robert V., assignee: *See*—
Ennis, George H.

Funk, Rudolph, Warminster, Pa. Lock nut. 2,406,070; Aug. 20.

Funk, Truman B., assignor to Yard-Man, Inc., Jackson, Mich. Steering column construction for industrial trucks. 2,398,498; Apr. 16.

Funke, Fred W., Oakland, assignor to Robert St. J. Orr, San Francisco, Calif. Fog producing nozzle. 2,395,621; Feb. 26.

Funsten, Stanard R., Pasadena, assignor to Filtrol Corporation, Los Angeles, Calif. Acid activated clay. 2,398,825; Apr. 23.

Furber, George, assignee: *See*—
Gilkey, Guy R.

Furbish, Edward L., Chicago, Ill. Stool seat. 2,410,727; Nov. 5.

Furgal, Frank L., Dover, N. H. Lug strap and power stick for looms. 2,409,482; Oct. 15.

Furkert, Ernst A., Chicago, Ill. Heat-treating apparatus. 2,407,230; Sept. 10.

Furlaud, Maxime H., Buenos Aires, Argentina. Treatment of beryl. 2,399,178; Apr. 30.

Furman, Frank J.: *See*—
Mills, Albert W., Furman, and Rabenda.
Rabenda, Edward J., and Furman.

Furman, John R., Kerrville, Tex. Smoker's ash and stump receiver and isolator. 2,411,569; Nov. 26.

Furnace Engineers, Inc., assignee: *See*—
Dobrin, Harry.

Furry, John F., assignor to Outboard, Marine & Manufacturing Company, Galesburg, Ill. Engine and engine cooling method. 2,408,386; Oct. 1.

Furth, Matthew A.: *See*—
Hall, Garland W., Sens, and Furth.

Fuscaldo, Ottavio, Milan, Italy; vested in the Alien Property Custodian. Internal-combustion engine. 2,410,728; Nov. 5.

Fusfeld, Herbert I.: *See*—
Read, Thomas A., Fusfeld, and Kitchen.

Fyfe, Charles E., Pittsburgh, Pa. Pendant suspension. 2,402,956; July 2.

Fyler, George W., Stratford, Conn., assignor to General Electric Company. Noise limiting circuit. 2,404,626; July 23.

Fyler, George W., Stratford, Conn., assignor to General Electric Company. Antenna system. 2,405,123; Aug. 6.

Fyler, George W., Stratford, Conn., assignor to General Electric Company. Cushion mounting. 2,406,601; Aug. 27.

Fyler, George W., Stratford, Conn., assignor to General Electric Company. Frequency modulation receiving apparatus. 2,412,039; Dec. 3.

G-M Laboratories Inc., assignee: *See*—
McMaster, Archie J., and Jacobson.
McMaster, Archie J., and Young.

Gabriel Company, The, assignee: *See*—
Beecher, Eugene L.

Gabriel, Paul P., Bridgeport, Conn. Cutting oil. 2,412,082; Dec. 3.

Gabriel, Ralph P.: *See*—
Adorjan, Paul, and Gabriel.

Gabriel Steel Company, assignee: *See*—
Zabriskie, William F.
Gaddini, Norman E., Winters, Calif. Fruit halving and pitting machinery. 2,403,516; July 9.
Gaddini, Norman E., Winters, Calif. Fruit holder. 2,403,517; July 9.
Gaddini, Norman E., Winters, Calif. Holding unit for fruit. 2,403,518; July 9.
Gadoux, Eugène M., Cormeilles-en-Parisis, and J. Fouré, Paris France. Two stroke engine. 2,405,350; Aug. 6.
Gadoux, Eugène M., Cormeilles-en-Parisis, and J. Fouré, Paris, France. Piston engine. 2,409,555; Oct. 15.
Gaenssle, Paul W.: *See*—
Eksergian, Carolus L., Coombes, and Gaenssle.
Eksergian, Carolus L., Gaenssle, and Kaiser.
Gaenssle, Paul W., Detroit, Mich., assignor to The Budd Company, Philadelphia, Pa. Brake mechanism. 2,406,212; Aug. 20.
Gaertner, Glenton, La Grange, Tex. Concrete mixer. 2,397,851; Apr. 2.
Gaffney, Clifford, Springfield, Ill. Towel rack. 2,401,148; May 28.
Gaffney, Joseph B., Hokendauqua, assignor to Fuller Company, Catasauqua, Pa. Material level indicator. 2,399,015; Apr. 23.
Gaga, Stanley, Perkasie, Pa. Sinker head. 2,405,351; Aug. 6.
Gage, Edward G., Brooklyn, assignor of two-thirds to L. Ottinger, New York, N. Y. Tri-dimensional radio navigational system. 2,399,671; May 7.
Gage, Edward G., Brooklyn, assignor of two-thirds to L. Ottinger, New York, N. Y. Safety filter condenser for operation of cathode-ray tubes and the like. 2,400,750; May 21.
Gage, Edward G., Brooklyn, assignor of two-thirds to L. Ottinger, New York, N. Y. Safety high-voltage rectifier. 2,400,751; May 21.
Gage, William P., San Anselmo, Calif., assignor to Shell Development Company, San Francisco, Calif. Catalytic conversions. 2,392,284; Jan. 1.
Gager, Robert F.: *See*—
Sonnichsen, Harold M., and Gager.
Yates, E. S., and Gager.
Gagnebin, Albert P., Red Bank, and E. M. Wise, Westfield, N. J., assignors to The International Nickel Company, Inc., New York, N. Y. Producing alloyed iron rolls. 2,399,730; May 7.
Gagnon, Charles L., Green Bay, Wis. Burner device for furnaces. 2,411,324; Nov. 19.
Gagnon, Joseph X., Chicopee Falls, assignor to The Standard Corset Company, Holyoke, Mass. Garment. 2,402,323; June 18.
Gallus, George, Stillwater, Minn. Hoe. 2,407,740; Sept. 17.
Gaines, Walter S., Chagrin Falls, Ohio, assignor, by mesne assignments, to Republic Industries, Inc., New York, N. Y. Container and closure therefor. 2,404,777; July 30.
Gaiser, Martin W., Kokomo, Ind., assignor to General Motors Corporation, Detroit, Mich. Adjustment system. 2,405,419; Aug. 6.
Gal, Alessandro, Oltrona Al Lago, Gavirate, Varese, Italy; vested in the Alien Property Custodian. Firearm. 2,396,564; Mar. 12.
Galber, Harry, and A. J. Golick, assignors to I. F. Laucks, Inc., Seattle, Wash. Cold pressure gluing without retaining clamps. 2,402,492; June 18.
Galbreath, Robert H., assignor to Howry-Berg, Inc., Denver, Colo. Loading attachment for tractors. 2,395,622; Feb. 26.
Galbreath, Robert R., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Condenser transmitter-amplifier system. 2,396,691; Mar. 19.
Gale, James A., New York, N. Y. Sheet slitting device. 2,409,203; Oct. 15.
Gale, Richard D. assignee, et al.: *See*—
Dessaur, Murray.
Gale, Shirley I., Plainfield, J. M. Moran, South Plainfield, and W. B. Heinz, Bound Brook, N. J., assignors to American Cyanamid Company, New York, N. Y. Method and apparatus for analyzing iron sludge. 2,405,137; Aug. 6.
Galen, Clarence W., assignor to The Duplex Printing Press Company, Battle Creek, Mich. Incendiary projectile. 2,402,811; June 25.
Galion Metallic Vault Company, The, assignee: *See*—
Bizantz, Fred.
Galitzenstein, Eugen G. London, and C. Woolf, Finchley, London, England, assignors to The Distillers Company Limited, Edinburg, Scotland. Manufacture of ethyl chloride. 2,398,179; Apr. 9.
Gall, Carl, and F. J. Prucha, Omaha, Nebr., assignors to American Smelting and Refining Company, New York, N. Y. Rotating table casting apparatus. 2,412,040; Dec. 3.
Gall, George E., assignor to Anker-Holth Manufacturing Company, Inc., Chicago, Ill. Pump. 2,407,928; Sept. 17.
Gall, James E., Washington, D. C. Shaft locking device. 2,409,204; Oct. 15.
Gallagher, Thomas F., and W. P. Long, Chicago, Ill., assignors to the Government of the United States of America, as represented by the Secretary of War and his successors in office. Derivatives of the cyclopentanoperhydrophenanthrene series and making same. 2,397,656; Apr. 2.
Gallagher, William F., Springfield, Mass. Hygroscopic material dispenser. 2,408,058; Sept. 24.
Gallagher, William P., assignor to International Register Company, Chicago, Ill. One-way drive device. 2,400,818; May 21.
Gallaher, Andrew J., St. Louis, Mo. Heat exchange device. 2,395,543; Feb. 26.
Gallamore, Oliver H., assignor to Diamond Chain and Manufacturing Company, Indianapolis, Ind. Grip for hoists. 2,410,378; Oct. 29.
Gallant, Charles J.: *See*—
Gillum, Donald E., and Gallant.
Gallanty, Irving B., New York, and R. M. Larsen, Rockville Centre, N. Y. Tongue cleaning device. 2,405,029; July 30.
Gallasch, George B., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Dust shield. 2,406,213; Aug. 20.
Gallay, Wilfred, and G. G. Graham, assignors to The Honorary Advisory Council for Scientific and Industrial Research, Ottawa, Ontario, Canada. Production of laminated structures. 2,393,100; Jan. 15.
Gallay, Wilfred, and I. E. Puddington, Ottawa, Ontario, Canada, assignors, by mesne assignments, to Standard Oil Development Company, Linden, N. J. Lubricants. 2,394,907; Feb. 12.
Gallimore, Keith F.: *See*—
Kraut, Hans B., and Gallimore.
Gallimore, Keith F., and H. B. Kraut, assignors to Giddings & Lewis Machine Tool Co., Fond du Lac, Wis. Machine tool. 2,400,819; May 21.
Gallmeyer & Livingston Company, assignee: *See*—
De Young, Martin.
Gallo, Frank M.: *See*—
Murray, Loyd D., and Gallo.
Gallo, Sebastiano, Brooklyn, N. Y. Platform shoe. 2,411,682; Nov. 26.
Galloway, Clarence T.: *See*—
Barker, Paul F., Hartman, Galloway, and Kunes.
Galloway, Clarence T., assignor to Gleason Works, Rochester, N. Y. Gear grinding machine. 2,395,544; Feb. 26.
Galloway, Jesse C., North Little Rock, Ark. Lathe spindle. 2,392,037; Jan. 1.
Galloway, William S., and J. Anderson, Glasgow, Scotland, assignors to Joy Manufacturing Company, Franklin, Pa. Hydraulic machine. 2,411,258; Nov. 19.
Gallowhur Chemical Corporation, assignee: *See*—
Delano, William R. P.
Delano, William R. P., and Meissner.
Miller, William H., Jr.
Gallowhur, George, Reading, Vt. Sun-bathing apparel. 2,391,959; Jan. 1.
Gallup, Ethel C., New York, N. Y. Cigarette rolling machine. 2,406,675; Aug. 27.
Gallusser, Hans, Geneva, Switzerland. Electric furnace process for producing molten iron from iron ore. 2,403,715; July 9.
Galman, Max, assignee: *See*—
Bartha, Sandor B.
Galson, Henry L., assignor to Carrier Corporation, Syracuse, N. Y. Humidifier system. 2,395,660; Feb. 26.
Galstaun, Lionel S., Oakland, assignor to Tide Water Associated Oil Company, San Francisco, Calif. Moisture removal in isomerization processes. 2,407,231; Sept. 10.
Galter, Jack, Chicago, Ill. Cigar and cigarette lighter. 2,406,071; Aug. 20.
Galvin Manufacturing Corporation, assignee: *See*—
Bond, Marion E.
Fruth, Hal F.
Holthouse, Harry B.
Magnuskie, Henry.
Mitchell, Donald H.
Vogel, William W.
Gambitta, Alfred F., Jersey City, N. J., assignor to Phelps Dodge Copper Products Corporation, Dover, Del. Cable joint. 2,406,676; Aug. 27.
Gamble Brothers, assignee: *See*—
Dosker, Cornelius D.
Gamble, Hedwig, assignee: *See*—
Horgan, George D.
Gamble, William R., Los Angeles, Calif. Booster pressure relief valve. 2,401,237; May 28.
Gamma, John A., assignor to Bryn Mawr Laboratory, Chicago, Ill. Manufacture of amino acids. 2,405,574; Aug. 13.
Gammell, Ernest O., Floral Park, N. Y., assignor to American Telephone and Telegraph Company. Teletypewriter secrecy system. 2,401,474; June 4.
Gammell, Ernest O., Floral Park, N. Y., assignor to American Telephone and Telegraph Company. Teletypewriter secrecy system. 2,401,475; June 4.
Gammeter, John R., Akron, Ohio. Ball-winding machine. 2,408,552; Oct. 1.

Ganci, Charles J., Ridgewood, N. Y., assignor to Ward Leonard Electric Company. Resistive device and making. 2,413,043; Dec. 24.
Gandelot, Howard K., Grosse Pointe, assignor to General Motors Corporation, Detroit, Mich. Electric switch. 2,409,483; Oct. 15.
Ganeles, Wolf, Brooklyn, N. Y. Laundry machine. 2,402,278; June 18.
Gans, David M., assignor to International Chemical Corporation, New York, N. Y. Textile printing composition and fabric. 2,394,542; Feb. 12.
Gans, David M., assignor to Interchemical Corporation, New York, N. Y. Textile printing paste and fabric. 2,394,543; Feb. 12.
Ganter, Hugh C.: *See*—
Patterson, Alonzo C., and Ganter.
Gantner, William A., Wilkinsburg, assignor to The American Brake Company, Swissvale, Pa. Brake rigging. 2,402,389; June 18.
Gantnier, Frank J., assignor of one-half to R. F. Gantnier, Binghamton, N. Y. Automobile license plate. 2,406,286; Aug. 20.
Gantnier, Robert F., assignee: *See*—
Gantnier, Frank J.
Ganz, Albert G., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. High-voltage transformer. 2,412,009; Dec. 17.
Garabedian, Haig S., Watertown, Mass. Spraying apparatus. 2,398,369; Apr. 16.
Garand, John C., Springfield, Mass. Actuating mechanism for gas operated firearms. 2,393,627; Jan. 29.
Garand, John C., Springfield, Mass. Rifling. 2,397,544; Apr. 2.
Garand, John C., Springfield, Mass. Sight. 2,406,011; Aug. 20.
Garassino, Stephen, San Francisco, Calif. Sheet material feeder control mechanism. 2,391,892; Jan. 1.
Garber, Charles O., Mount Joy, Pa. Balance unit and a basic posture balance process. 2,398,218; Apr. 9.
Garber, Claude Y.: *See*—
Zeigler, William L., and Garber.
Garbisch, Norbert S., assignee: *See*—
Bair, George J.
Garceau, Lovett, Holliston, Mass. Electroencephalograph device. 2,409,033; Oct. 8.
Garcia, Ivan M. A., Bremerton, Wash. Sewing machine. 2,407,148; Sept. 3.
Gardella, Albert B., Cleveland, Ohio. Strip assembling and finishing machine. 2,392,375; Jan. 8.
Gardenhour, Allen J., Waynesboro, Pa. Electric heater. 2,405,783; Aug. 13.
Gardenier, Clyde B., Belleville, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Caustic products. 2,403,071; July 2.
Gardenier, Clyde B., Belleville, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Stabilized 2-chlor-butene-2. 2,407,149; Sept. 3.
Gardenier, Clyde B., Belleville, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Trimethylene chlorobromide. 2,412,882; Dec. 17.
Gardes, Alfred W., Detroit, Mich., assignor to McCord Corporation. Heater attachment for fans. 2,411,782; Nov. 26.
Gardiner, Arthur W., and J. L. Goldthwaite, Indianapolis, Ind., assignors to General Motors Corporation. Torque meter. 2,397,935; Apr. 9.
Gardiner, Duncan B., assignor to Vickers Incorporated, Detroit, Mich. Power transmission. 2,403,519; July 9.
Gardiner, Neville N.: *See*—
Curmode, Harry P., and Gardiner.
Gardiner, Paul C.: *See*—
Watts, Donald E., and Gardiner.
Gardiner, Paul C., Scotia, and J. E. Maynard, Schenectady, N. Y., assignors to General Electric Company. Calibrating device. 2,409,845; Oct. 22.
Gardiner, William C., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Electrolysis of magnesium chloride fusions. 2,396,171; Mar. 5.
Gardiner, William C., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Electrolytic cell. 2,401,821; June 11.
Gardner, Charles E., Cuyahoga Falls, assignor to Wingfoot Corporation, Akron, Ohio. Package. 2,396,565; Mar. 12.
Gardner, Charles E., Cuyahoga Falls, assignor to Wingfoot Corporation, Akron, Ohio. Bag manufacture. 2,412,501; Dec. 10.
Gardner, Clark E., Osage, Iowa. Toy. 2,402,390; June 18.
Gardner, Dale, Detroit, Mich., assignor to G. M. and E. Holley. Hot spot manifold. 2,395,264; Feb. 19.
Gardner, Daniel, New York, N. Y., assignor to Gardner Thermal Corporation. Production of aluminum. 2,400,000; May 7.
Gardner, Daniel, New York, N. Y., assignor to Virginia Metal Industries, Inc. Treating iron ores containing chromium and related oxides. 2,409,428; Oct. 15.
Gardner, Edward M., Brooklyn, assignor to Merrill Brothers, New York, N. Y. Plate lifting clamp. 2,393,101; Jan. 15.
Gardner, Frank, and C. M. Bagshaw, Leicester, England, assignors to United Shoe Machinery Corporation, Flemington, N. J. Work handling mechanism. 2,395,112; Feb. 19.
Gardner, Frank L.: *See*—
Vietas, Frank, and Gardner.
Gardner, Harry F., Highland Park, Ill., assignor to Certain-Teed Products Corporation, New York, N. Y. Set stabilized plaster. 2,406,757; Sept. 3.
Gardner, Henry A., Chevy Chase, Md. Porous composition. 2,394,993; Feb. 19.
Gardner, Henry A., Chevy Chase, Md. Float and filling material therefor. 2,395,266; Feb. 19.
Gardner, Henry A., Chevy Chase, Md. Porous compositions. 2,398,703; Apr. 16.
Gardner, Henry A., Chevy Chase, Md. Filled float. 2,411,202; Nov. 19.
Gardner, Irvine C., Chevy Chase, Md., assignor to the Government of the United States of America, as represented by the Secretary of War. Penta reflector. 2,400,111; May 14.
Gardner, Irving, Brooklyn, N. Y. Paper hat. 2,410,158; Oct. 29.
Gardner Machine Company, assignee: *See*—
Rumsey, Amos B.
Gardner, Percy, East Orange, N. J., and R. Kagan, Brooklyn, assignors to Spiral Bagging Machine Corporation, New York, N. Y. Apparatus for making spiral wound tubing. 2,406,677; Aug. 27.
Gardner-Richardson Company, The, assignee: *See*—
Buffenbarger, James F.
Newman, William J.
Ringler, William A.
Yungblut, Gibson.
Gardner Thermal Corporation, assignee: *See*—
Gardner, Daniel.
Garfield, Frederick M., and H. W. Dreher, St. Louis, Mo., assignor to Olin Industries, Inc. Manufacture of diazodinitrophenol. 2,408,059; Sept. 24.
Garfunkel, Louis X., New York, N. Y. Food slicing machine having stationary knives and a follower feed. 2,407,924; Sept. 17.
Garibay, Joseph U., Montebello, Calif. Welding tool. 2,411,652; Nov. 26.
Garneau, Charles-E., Beauport, Quebec, Canada. Shoe tree. 2,401,064; May 28.
Garner, Philip J., Northwich, England, assignor to Imperial Chemical Industries Limited. Production of organic silicon compounds. 2,396,692; Mar. 19.
Garnett, A. J., Limited, assignee: *See*—
Langford, Ernest E., and Garnett.
Garnett, Arthur T.: *See*—
Langford, Ernest E., and Garnett.
Garni, Bruno: *See*—
Leipold, Eugene, and Garni.
Garnier, Claude E., Besancon, France; vested in the Alien Property Custodian. Dental hand-piece chuck. 2,410,439; Nov. 5.
Garnier, Georges, assignor to Air-Equipment, Paris (Seine), France. Cleaner for compressed air arranged for automatic draining. 2,406,214; Aug. 20.
Garr, Donald E.: *See*—
Edwards, Martin A., Garr, and Aydelott.
Garr, Donald E., Schenectady, N. Y., assignor to General Electric Company. Screwdown control system. 2,410,283; Oct. 29.
Garr, Donald E., Schenectady, and B. S. Weaver, Scotia, N. Y., assignors to General Electric Company. Test system. 2,399,918; May 7.
Garr, Oscar A., Tulsa, Okla. Combination rod handle and reel. 2,402,882; June 25.
Garratt, Louis D.: *See*—
Breene, George A., and Garratt.
Garraway, George H., Westfield, N. J., assignor, by mesne assignments, to H. K. Porter Company, Inc., Pittsburgh, Pa. Centrifugal pump. 2,402,995; July 2.
Garretson, Harry D., Whitestone, assignor to North American Philips Company, Inc., Dobbs Ferry, N. Y. Electrical circuit arrangement. 2,404,905; July 30.
Garretson, Harry D., Whitestone, assignor to Philips Metalix Corporation, New York, N. Y. Electrical circuit arrangement. 2,408,017; Sept. 24.
Garretson, Owen L., Bartlesville, Okla., assignor to Phillips Petroleum Company. Float control valve. 2,404,795; July 30.
Garretson, Owen L., Bartlesville, Okla., T. A. St. Clair, Pontiac, and A. R. Olson, Detroit, Mich., assignors to Phillips Petroleum Company. Automatic cylinder filling device. 2,408,842; Oct. 8.
Garrett Corporation, The, assignee: *See*—
Chapman, James E.
O'Gorman, William F.
Garrett Corporation, Airesearch Manufacturing Company division, The, assignee: *See*—
Jensen, Raymond W.
Mayer, Waldemar F.
McEntire, George W.
Rommel, William G.
Tinker, Eugene O.
Garrett, Robert E., Nashville, Tenn. Geared center raiser for lathes. 2,403,357; July 2.

Garrison, Allen D., and K. C. ten Brink, Houston, Tex., assignors to Texaco Development Corporation, New York, N. Y. Treatment of clays. 2,408,207; Sept. 24.
Garrison, Bertice P., Seattle, Wash. Garment. 2,412,502; Dec. 10.
Garrison, Kenneth C., Norwalk, Calif. Folding newspapers and the like. 2,410,059; Oct. 29.
Garrison, Kenton K.: *See*—
Bokovoy, Samuel A., and Garrison.
Garrison, Kenton K., East Orange, N. J., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Frequency determining unit. 2,399,919; May 7.
Garrison, Nelson E., assignor to J. Shapiro, Baltimore, Md. Match-book making machine. 2,392,983; Jan. 15.
Garrott Brass and Machine Company, assignee: *See*—
Volpin, Alexander S.
Garrow, John W., Copper Cliff, Ontario, Canada, assignor to The International Nickel Company, Inc., New York, N. Y. Rod charging machine. 2,410,492; Nov. 5.
Garsh, Alex, Bronx, N. Y. All-in-one window sash. 2,402,620; June 25.
Garstang, William W., assignor to Electronic Laboratories, Incorporated, Indianapolis, Ind. Voltage doubler. 2,392,472; Jan. 8.
Garstang, William W., and W. E. Peek, assignors to Electronic Laboratories, Incorporated, Indianapolis, Ind. Spot lamp. 2,396,998; Mar. 19.
Gartin, Elmer G.: *See*—
Curtin, John C., and Gartin.
Gartner, Berthold: *See*—
Stieglitz, Albert, and Gartner.
Gartner, John, Hasbrouck Heights, assignor to Bendix Aviation Corporation, Teterboro, N. J. Coil winding form. 2,399,631; May 7.
Gartside, Robert N.: *See*—
Chambers, Francis S., Jr., and Gartside.
Garubo, Joseph J., Detroit, Mich. Storage and dispensing device. 2,410,410; Nov. 5.
Garverich, Edwin S., Upper Darby, and W. L. Martin, Philadelphia, assignors to The Pennsylvania Salt Manufacturing Company, Philadelphia, Pa. Preparing a detergent composition. 2,411,090; Nov. 12.
Garvey, Arthur, assignee, et al.: *See*—
Garvey, James.
Garvey, Benjamin S., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Vulcanization of rubbery copolymers of butadiene-1,3 hydrocarbons and alpha-methylene nitriles. 2,395,474; Feb. 26.
Garvey, Horace M., assignee, et al.: *See*—
Garvey, James.
Garvey, James, assignors to A. and H. M. Garvey and said J. Garvey, Vancouver, British Columbia, Canada. Manufacture of milled toilet soap. 2,412,979; Dec. 24.
Garvin, Adolphus F., judicial change of name: *See*—
Grunspan, Adolf.
Garwood, John S.: *See*—
Morgenthaler, Frederick W., and Garwood.
Gary, Wright W., assignor to Filtrol Corporation, Los Angeles, Calif. Separating monomeric diolefins from mixtures of relatively low boiling diolefin and monoolefin monomers. 2,398,930; Apr. 23.
Gasard Patents Inc., assignee: *See*—
Ballard, William C., Jr., Coron, and Cepek.
Gasser, Frank P.
Gascoigne, George H., Wokingham, and J. R. Knox, Reading, England. Hoe. 2,397,786; Apr. 2.
Gáspár, Béla, Hollywood, Calif., assignor to Chromogen, Incorporated. Production of colored photographic pictures. 2,410,025; Oct. 29.
Gaspar, Emeric: *See*—
Windsor, Reginald H., and Gaspar.
Gaspar, Emeric, assignor to Omes Limited, Barnes, London, England. Forging pointed articles. 2,393,155; Jan. 15.
Gass, Harold: *See*—
Melidoni, Constantine, and Gass.
Gasser, Frank P., Beverly Farms, Mass., assignor to Gasard Patents Inc., New York, N. Y. Starting switch. 2,412,883; Dec. 17.
Gasser, Walter, El Cerrito, assignor to Shell Development Company, San Francisco, Calif. Oil cooled piston. 2,396,500; Mar. 12.
Gassett, Paul L.: *See*—
Kennedy, Harvey T., and Gassett.
Gassner, Alfred A., New York, N. Y., assignor, by mesne assignments, to W. B. Scarborough, trustee, Englewood, N. J. Airplane wing structure and making the same. 2,394,162; Feb. 5.
Gassner, Alfred A., New York, N. Y., assignor, by mesne assignments, to Ridgefield Manufacturing Corporation, Ridgefield, N. J. Engine nacelle installation for aircraft. 2,398,704; Apr. 16.
Gat, John D., Edgewood, and S. C. Snyder, Carnegie, assignors to Carnegie-Illinois Steel Corporation. Production of non-aging steel. 2,405,946; Aug. 20.
Gately, Alphonsus P.: *See*—
Stark, William, and Gately.
Gates, Henry S., Sharon, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electrical induction apparatus. 2,403,072; July 2.
Gates, Henry S., Sharon, and H. D. James, Edgewood, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Protective transformer arrangement. 2,397,099; Mar. 26.
Gates, Louis E., assignor to The Champion Paper and Fibre Company, Canton, N. C. Apparatus for breaking foam. 2,405,138; Aug. 6.
Gates, Richard L.: *See*—
Curtis, Russell R., and Gates.
Gates Rubber Company, The, assignee: *See*—
Johnson, Harold J.
Gates Rubber Company, assignee: *See*—
Burkhard, William L.
Gates, William M., Montrose, Colo. Teeter motor game. 2,398,180; Apr. 9.
Gatewood, William, Carthage, Ind. Draft connection. 2,396,093; Mar. 5.
Gatke, Thomas L., Oak Park, Ill. Bearing stave and making same. 2,409,267; Oct. 15.
Gätzi, Karl: *See*—
Martin, Henry, Häfliger, Gätzi, and Grob.
Gaudenzi, Arthur, Wettingen, and R. Risch, assignors to Aktiengesellschaft Brown, Boveri & Cie, Baden, Switzerland. Joint between metal and ceramic bodies. 2,396,320; Mar. 12.
Gaudet, Henri, assignor of one-half to J. L. Emile Blais, Sherbrooke, Quebec, Canada. Washing machine. 2,392,911; Jan. 15.
Gauldin, Robert A., assignor of one-half to T. H. Netherton, Enid, Okla. Button protector. 2,410,208; Oct. 29.
Gaulin, Achille G., Lowell, Mass., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Article transfer. 2,402,035; June 11.
Gauthier, Armand J.: *See*—
Davis, Lewis, and Gauthier.
Gauthier, Joseph H., Los Angeles, Calif. Felted wood fiber machinable cork-substitute material. 2,395,218; Feb. 19.
Gauthier, Marcel C., Montclair, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Electrical connector. 2,408,843; Oct. 8.
Gauthier, Marcel C., Montclair, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Supporting apparatus. 2,409,484; Oct. 15.
Gauthier, Marcel C., Montclair, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Multiterminal structure. 2,411,783; Nov. 26.
Gauthier, Robert S., assignor to Chain Belt Company, Milwaukee, Wis. Metal-cutting tool. 2,392,285; Jan. 1.
Gavalis, Algerd J., Oak Park, Ill. Cooking utensil. 2,402,883; June 25.
Gaver, Kenneth M., Columbus, Ohio, assignor to The Ohio State University Research Foundation, Columbus, Ohio. Mildewproofing. 2,397,732; Apr. 2.
Gaver, Kenneth M., assignor, by mesne assignments, to The Ohio State University Research Foundation, Columbus, Ohio. Flavoring materials for gelatins. 2,404,763; July 23.
Gaver, Kenneth M., assignor, by mesne assignments, to The Ohio State University Research Foundation, Columbus, Ohio. Electrodeposition of metals and bath composition therefor. 2,406,072; Aug. 20.
Gavin, Frank J.: *See*—
Cooke, Giles B., and Gavin.
Gavin, Malcolm R., Wembley, England, assignor to The General Electric Company Limited, London, England. Generators of electrical oscillators of high frequency. 2,394,908; Feb. 12.
Gavriles, Pete, assignee: *See*—
Rector, Robert R.
Gavriles, Pete, Laurel, Md. Bottle cap. 2,392,912; Jan. 15.
Gaw-O'Hara Envelope Company, assignee: *See*—
Kelley, Daniel E.
Gay, Harry S., Mount Gay, and T. V. Maynard, Williamson, W. Va. Timber setting machine. 2,408,387; Oct. 1.
Gay, Paul S., assignor to Wilcox-Gay Corporation, Carlotte, Mich. Record changer. 2,396,094; Mar. 5.
Gay, Paul S., assignor to Wilcox-Gay Corporation, Charlotte, Mich. Lock. 2,402,812; June 25.
Gayer, Frederick H., and C. E. Fawkes, Chicago, assignors to Continental Research Corporation, Chicago Heights, Ill. Producing alkyl esters of higher fatty acids. 2,411,536; Nov. 26.
Gayford, Michael L.: *See*—
Roberton, James S. P., and Gayford.
Gaykowski, Charles J., Cleveland, Ohio. Roller guide. 2,402,546; June 25.
Gaylord, Asa K., Portland, Oreg. Ventilator unit. 2,392,038; Jan. 1.
Gaylord Container Corporation, assignee: *See*—
Blackman, Smith A.
Buhrmaster, Frederick R.
Fallert, Clifford D.
Williams, Benjamin M.
Gaylord, Paul C., New Brighton, N. Y., assignor to Grief Bros. Cooperage Corporation, Cleveland, Ohio. Container. 2,405,823; Aug. 13.
Gaylord Products, Incorporated, assignee: *See*—
Gaylord, Ruth K., and Green.
Norin, Allan A.
Reynolds, Frank D.

Gaylord, Ruth K., and I. R. Green, assignors to Gaylord Products, Incorporated, Chicago, Ill. Bob pin. 2,396,367; Mar. 12.
Gaylord, Ruth K., and I. R. Green, assignors to Gaylord Products, Incorporated, Chicago, Ill. Hairpin. 2,397,100; Mar. 26.
Gaynor, James W.: *See*—
Watson, Roger W., and Gaynor.
Gayring, Wallace F., Minoa, assignor to The Prosperity Company, Inc., Syracuse, N. Y. Cabinet enclosed pressing machine. 2,400,638; May 21.
Gayring, Wallace F., Minoa, assignor to The Prosperity Company, Inc., Syracuse, N. Y. Control for power presses. 2,400,639; May 21.
Gayring, Wallace F., Minoa, assignor to The Prosperity Company, Inc., Syracuse, N. Y. System of pressing laundered articles. 2,405,882; Aug. 13.
Gayring, Wallace F., Minoa, assignor to The Prosperity Company, Inc., Syracuse, N. Y. Ingredient dispensing mechanism for mixing tanks. 2,410,873; Nov. 12.
Gazda, Antoine, Providence, R. I. Automatic feed mechanism for loading ordnance, tools, and the like. 2,394,606; Feb. 12.
Gazda, Antoine, Providence, R. I. Bolt and nut assembly. 2,398,633; Apr. 16.
Gazda, Antoine, Providence, R. I. Gun sight for anti-aircraft weapons and the like. 2,399,431; Apr. 30.
Gazda, Antoine, Providence, R. I. Striking hammer for firearms. 2,399,432; Apr. 30.
Gazette, Marshall E., Boston, Mass., assignor, by mesne assignments, to Continental Can Company, Inc., New York, N. Y. Containers made of paper, and making the same. 2,406,758; Sept. 3.
Gear, Bruce A., Los Angeles, Calif. Sock stretcher. 2,413,305; Dec. 31.
Gear Grinding Company, The, assignee: *See*—
Gruenberg, Ivor J., and Brady.
Gear Grinding Company Limited, The, assignee: *See*—
Orcutt, Arthur H.
Gear Grinding Machine Company, The, assignee: *See*—
Brady, Samuel G.
Gruenberg, Ivor J.
Lund, Johan.
Gearhart, Ishmael H., Salem, Va. Stitch picker. 2,409,351; Oct. 15.
Gearhart, Roy E., assignor of three-tenths to R. B. McCreary and three-tenths to B. McCreary, Kansas City, Mo. Wrench. 2,407,546; Sept. 10.
Gearhart, Roy E., assignor of three-tenths to B. L. McCreary and three-tenths to R. B. McCreary, Kansas City, Mo. Wrench. 2,407,547; Sept. 10.
Gearhart, William M.: *See*—
Meyer, Lester W. A., and Gearhart.
Gebauer, Adam H., Short Hills, assignor to Tide Water Associated Oil Company, Bayonne, N. J. Treatment of wax-oil mixtures. 2,408,977; Oct. 8.
Gebauer, Charles L., Shaker Heights, and C. F. W. Bates, Cleveland Heights, assignors to The Gebauer Chemical Company, Cleveland, Ohio. Dispensing liquids having low boiling points. 2,400,231; May 14.
Gebauer Chemical Company, The, assignee: *See*—
Gebauer, Charles L., and Bates.
Gebbhard, Edward P.: *See*—
Patrick, William K., Jr., and Gebbhard.
Gebert, Sever C., assignor to Fairbanks, Morse & Co., Chicago, Ill. Sectional screw conveyer. 2,394,163; Feb. 5.
Gebert, Sever C., assignor to Fairbanks, Morse & Co., Chicago, Ill. Overload release coupling. 2,406,142; Aug. 20.
Gebruder Buhler, assignee: *See*—
Roth, Ernst.
Geddes, George A., Minneapolis, Minn. Airplane rotary wing. 2,402,957; July 2.
Geddes, Walter H., assignor to United Aircraft Products, Inc., Dayton, Ohio. Heat exchange unit. 2,404,168; July 16.
Gede, Henry, Jr., Oakland, Calif. Building construction. 2,391,960; Jan. 1.
Gee, James W., Chicago, Ill. Combined storm and screen window installation. 2,402,112; June 11.
Geer, Russell L., Grand Island, Nebr. Hardware for concrete forms. 2,398,219; Apr. 9.
Geer, Russell L., and L. A. Melkus, Grand Island, Nebr. Window. 2,398,109; Apr. 23.
Geerlings, Gerald K., New Canaan, Conn., and J. N. Tynan, assignors to A. G. Spaulding & Bros. Inc., Chicopee, Mass. Racket. 2,395,864; Mar. 5.
Geers, Cyrus A., F. B., and W. A., St. Louis, Mo. Electrical plug and socket. 2,398,634; Apr. 16.
Geers, Ferguson B.: *See*—
Geers, Cyrus A., F. B., and W. A.
Geers, William A.: *See*—
Geers, Cyrus A., F. B., and W. A.
Geertsema, Kenneth B., Valley Stream, assignor to Aircraft Screw Products Company, Inc., Long Island City, N. Y. Driver for helical members. 2,400,548; May 21.
Gegauf, Fritz, assignor to Fritz Gegauf's Sohne Aktiengesellschaft, Steckborn, Switzerland. Table board supported sewing machine. 2,398,931; Apr. 23.
Gegauf's, Fritz, Sohne Aktiengesellschaft, assignee: *See*—
Gegauf, Fritz.
Gehen, Mathias J., assignee, et al.: *See*—
Tarapczynski, Sigmund.
Gehm, Harry W.: *See*—
Rudolfs, Willem, and Gehm.
Gehrenbeck, Gilbert B.: *See*—
Brinker, Howard C., and Gehrenbeck.
Stephens, Henry N., Gehrenbeck, and Guthrie.
Gehring, Kurt C., Homewood, Ill., and S. T. Puryear, Munster, Ind., assignors to Carnegie-Illinois Steel Corporation. Regenerative furnace. 2,400,300; May 14.
Gehrke, Willard H.: *See*—
McCullough, Campbell R., and Gehrke.
Gelbel, William F., assignee: *See*—
Wagler, Alfred L.
Geier, James, Troy, N. Y. Electrical control apparatus. 2,392,913; Jan. 15.
Geiger, Walter J., Cleveland Heights, and R. J. Ayres, Shaker Heights, Ohio, assignors to General Electric Company. Method and apparatus for gas filling and tipping-off envelopes. 2,403,073; July 2.
Geiger, Willard L., Jacksonville, Fla. Grapple. 2,399,433; Apr. 30.
Geiger, William A., assignor to W. P. Sidley, M. F. Back, A. P. Withall, E. C. Austin, and G. A. Johnson, Chicago, Ill., and A. T. Miner, Chazy, N. Y., as trustees of The William H. Miner Foundation. Shock absorbing mechanism. 2,398,110; Apr. 23.
Geiger, William A., assignor to W. P. Sidley, M. F. Back, A. P. Withall, E. C. Austin, and G. A. Johnson, Chicago, Ill., and A. T. Miner, Chazy, N. Y., as trustees of The William H. Miner Foundation. Railway car truck. 2,407,875; Sept. 17.
Geigy, J. R., A. G., assignee: *See*—
Conzetti, Achille.
Conzetti Achille, and Schetty.
Conzetti, Achille, and Schmid.
Keller, Ernst.
Krebser, Adolf.
Martin, Henry, and Gysin.
Martin, Henry, and Häfliger.
Martin, Henry, Häfliger, Gätzi, and Grob.
Martin, Henry, Hirt, and Staub.
Martin, Henry, and Margot.
Müller, Paul.
Schetty, Guido.
Senn, Emil.
Stammbach, Walter.
Treboux, Jules.
Geimer, William J., and F. R. Linda, assignors to Bemis Bro. Bag Co., Minneapolis, Minn. Closing bag tube ends. 2,409,621; Oct. 22.
Geiselman, Ralph A.: *See*—
Houck, James P., and Geiselman.
Geiser, Kenneth R.: *See*—
Barnes, Norman F., and Geiser.
Geissbuehler, Ernst, Horgen, assignor to T. Oertli Aktiengesellschaft, Zurich, Switzerland. Angle-measuring apparatus. 2,400,498; May 21.
Geissman, Gladys W., assignor to Merry Hull & Company, New York, N. Y. Scarf. 2,402,996; July 2.
Geist, Herbert F., Cleveland, Ohio. Method and apparatus for marking molded building blocks. 2,395,865; Mar. 5.
Gelardin, Albert, New York, N. Y. Cosmetic holder. 2,393,677; Jan. 29.
Gelatin Products Corporation, assignee: *See*—
Cochran, Charles C.
Pike, Edwin F., and Shane.
Scherer, John O.
Gelbman, Louis, Yonkers, N. Y. Sintering apparatus. 2,403,433; July 9.
Geldhof, Peter E., and L. Ringer, assignors to Nineteen Hundred Corporation, St. Joseph, Mich. Fluid responsive control mechanism for automatic washers. 2,401,476; June 4.
Gelfand, Max, Dallas, Tex. Algaecide. 2,400,863; May 21.
Geller, Andrew, Shoe Manufacturing Co., Inc., assignee: *See*—
Azzara, Santo.
Geller, Isaac, Portland, Oreg. Key holder. 2,401,753; June 11.
Geller, Max, Brooklyn, N. Y. Jointed mannequin doll. 2,407,367; Sept. 10.
Gelpcke, Alfred W., Brooklyn, assignor to The Rawlplug Company, Inc., New York, N. Y. Toggle lock. 2,398,220; Apr. 9.
Gelpcke, Alfred W., Brooklyn, assignor to The Rawlplug Company, Inc., New York, N. Y. Drilling anchor part for bolts or screw studs and its use. 2,406,536; Aug. 27.
Geltner, Daniel, Astoria, N. Y., assignor to Onyx Oil & Chemical Company. Derivatives of chlormethyl ethers of polyoxyethylene glycols and producing same. 2,405,784; Aug. 13.
Gem Undergarment Co., assignee: *See*—
Marcus, Solomon.
Gem City Pattern Co., assignee: *See*—
Fleer, Harry H.
Gemmer Manufacturing Company, assignee: *See*—
O'Neil, Thomas.
Gendron Wheel Company, assignee: *See*—
Rideout, John G.

General Aircraft Equipment, Inc., assignee: *See*—
Amand, Raymond H., and Daninos.
General Aircraft Limited, assignee: *See*—
Leather, George B., and Wallbanks.
General Aniline & Film Corporation, assignee: *See*—
Bavley, Abraham.
Coronlti, Samuel C.
Duerr, Herman H., and Morreall.
Flemming, Walter, and Stein.
Fox, Arthur L.
Grimmel, Harry W., and Guenther.
Guenther, Alfred, and Morgan.
Hassler, Gerald L.
Jacobson, Carl H.
Kassuba, Frank J.
Lee, Alfred L.
Morreall, Herbert W., Jr.
Mueller, Fritz W. H.
Mueller, Fritz W. H., and Bates.
Roehrl, Bruno C.
Sargent, Donald E.
Schildknecht, Calvin E.
Schmidt, Otto.
Schoen, André, and Patterson.
Siebert, Arthur.
Sweet, Monroe H.
Trump, Frederick O.
Von Glahn, William H., and Walsh.
Williams, William A.
Zerweck, Werner and Honold.
General Binding Corporation, assignee: *See*—
Emmer, Charles E.
Ray, William B.
General Cable Corporation, assignee: *See*—
Blades, Ansley O.
Kauth, Henry J.
General Chemical Company, assignee: *See*—
Carter, Bernard M.
General Control Company, assignee: *See*—
Kelleigh, Waldo J.
General Controls Co., assignee: *See*—
Biggie, Laurence C.
Cunningham, L. L.
Ewing, John L.
Paille, Eugene.
Ray, William A.
Ray, William B.
General Die-Stamping-Tool Company, assignee: *See*—
Brennen, Ronald F.
General Electric Company, assignee: *See*—
Adams, George M.
Adams, George M., and Aydelott.
Adams, George M., and Moore.
Agens, Maynard C., and Nordlander.
Alexanderson, Ernst F. W.
Alford, Joseph S.
Anderson, James M.
Atchison, Leonard W.
Ayers, Edgar H.
Bachman, Charles H.
Bakke, Hans A.
Baldwin, Charles F.
Bany, Herman.
Bany, Herman, and Bateman.
Barnes, Norman F., and Geiser.
Bartelink, Everhard H. B.
Baumann, Frederick W.
Bazley, Carl E.
Bedford, Burnice D.
Beggs, James E.
Bennett, Ralph S.
Bennett, Robert M., and Syrovy.
Berejkoff, Anatole P.
Berkoff, Seymour.
Berkoff, Seymour, and Dome.
Berry, Robert U.
Berry, Theodore M.
Berry, Theodore M., and Canada.
Biggs, Leonard R., and Zimola.
Bivens, Maurice E.
Blankenship, Norwood, and Ness.
Bligh, Norman R., Heller, Stenning, and Chubb.
Bondley, Ralph J.
Borst, David W.
Bourne, Harry K.
Bower, John L.
Bowman, Kenneth K., and Kane.
Boynton, Erwin R., and Avery.
Brand, Frederick F.
Bryant, Frank D.
Buechner, Guenther.
Butler, William L.
Callinan, Thomas D.
Camilli, Guglielmo.
Cartun, Paul O.
Cesder, Joseph D.
Clark, Frank M.
Clute, Gerald P.
Cockrell, William D.
Coe, Everett L.
Colbath, Dan L.
Cook, Ellsworth D.
Cox, Harold E.

General Electric Company, assignee: *See*—Continued
Crapuchettes, Paul W.
Crary, Selden B.
Crawford, Thomas G.
Cress, Jay J.
Crever, Frederick E.
Crever, Frederick E., and Calder.
D'Alelio, Gaetano F.
D'Alelio, Gaetano F., and Underwood.
Demartini, Robert J., and Leigh.
De Reamer, Frank C.
De Reamer, Frank C., and Pistey.
De Tar, Donald R.
De Walt, Kenneth C.
Dickinson, Edgar D.
Dodson, Wayne E.
Dome, Robert B.
Doran, John H.
Eaton, John.
Edwards, Martin A.
Edwards, Martin A., and Byrum.
Edwards, Martin A., Garr, and Aydelott.
Elmendorf, Andrew G.
Evans, Lewis W.
Farmer, Edward B., and Lawson.
Faus, Harold T.
Favre, John A.
Fink, Lyman R.
Fisher, Alec.
Fisher, Sidney O.
Fiske, Milan D.
Fiske, Milan D., and Lafferty.
Fonda, Gorton R.
Foote, Alton G.
Foster, Levin W.
Found, Clifton G.
Fraenckel, Victor H., and Hansen.
Francis, Victor J., and Nelson.
Frech, Theodore W.
Freese, Charles E.
Froelich, Herman C.
Fulton, John W.
Fyler, George W.
Gardiner, Paul C., and Maynard.
Garr, Donald E.
Garr, Donald E., and Weaver.
Geiger, Walter J., and Ayres.
Gewlett, Clarence W., Jr.
Gilman, John E., 3d.
Gittings, William N., and Bateman.
Glover, George W.
Godet, Sidney.
Goldberg, Leon J.
Goldman, Stanford.
Graff, Wayne O.
Greiner, Alfred.
Grimshaw, Charles S.
Groot, Robert W.
Guptill, Heath R.
Gurewitsch, Anatole M.
Hahn, William C.
Hall, Chester I.
Hall, Chester I., and Bedford.
Hansen, Siegfried.
Harkness, Joseph R.
Harlow, Winton G., and Healis.
Harlow, Winton G., Healis, and Lamb.
Harrington, Richards H.
Harrison, Howard R.
Hart, Lucas P., Jr.
Hausler, George M.
Heath, Charles F.
Hemphill, Lawrence F.
Hermann, Benjamin R.
Hertel, Roland F.
Hewlett, Clarence W.
Hiehle, Michael E.
Higgins, Bertram G.
Hoare, Stephen C.
Hobson, Leland S.
Hollingsworth, Guilford L., and Jensen.
Holmes, Lowell L.
Horstkotte, Edward H.
Howard, Alan.
Howe, Goodwin H.
Hsu, Eugene T.
Huntsman, Orlondo A.
Hurd, Dallas T.
Huston, Claude B.
Jackson, Frederick R., Jr.
Jarmann, Alfred, Jr.
Jenny, Alfred L.
Jewell, Richard G.
Johnson, Paul S., and Dodds.
Johnson, Ralph P., and Grams.
Jones, Benjamin W.
Jones, Benjamin W., and Schurig.
Jordan, William B.
Kearns, Earl E.
Kearsley, William K.
Keister, James E.
Kennedy, Luke F.
Kerst, Donald W.

General Electric Company, assignee: *See*—Continued
Kettlewell, Eric.
Kimball, Arthur L.
Koller, Lewis R.
Korneke, Paul B., Jr.
Kraft, Hans.
Kuehni, Hans P., and Branson.
Lamborn, Richard.
Larrecq, Anthony J.
Lavender, Raymond W.
Leavitt, Minard A.
Leeds, Laurance M.
Leigh, Henry H., and Walter.
Lemmers, Eugene.
Liimatainen, Toivo M.
Linlor, William I.
Linsday, Elton A.
Linville, Thomas M.
Livingston, Orrin W.
Locke, Raymond C.
Longfellow, Richard C.
Lord, Harold W.
Lyman, Harold T.
Lyon, Kenneth C.
MacCarthy, Donnell D.
Macintyre, John R.
Magdsick, Henry H.
Malloy, John J.
Manke, Arthur G.
Mares, Virgil L.
Marsden, James.
Marsh, Myrle O.
Martin, Harold M.
Mathes, Kenneth N., and Wasiewicz.
Maxwell, Howard
Mayer, Harry F.
McArthur, Elmer D.
McClain, Joseph W.
McConnell, Andrew J.
McFarland, George L., Jr.
McMahon, Kenton D.
Meahl, Harry R.
Merrill, George S.
Michaelson, Jesse L.
Michel, Philip C.
Millar, Norval P.
Miller, Charles E., and Demartini.
Mills, Erwin S., and Linsday.
Mittermaier, Armin F.
Moe, Robert E.
Moe, William W.
Moles, Frank J.
Moore, John R.
Morack, Marvin M.
Morey, Arthur H., and Howard.
Morey, Robert L.
Morrill, Wayne J.
Moyer, Elmo E.
Mueller, Adolf G., and Dazley.
Nelson, Evan H., and Whittemore.
Newell, Heber L.
Nickerson, Winfield T.
Nickle, Clifford A.
Noble, Sidney H., and Rooksby.
Noel, Edward B.
Noel, Edward B., and Seitz.
Norgaard, Donald E.
Norlander, Birger W.
Norton, Francis J.
Novak, Robert L.
Oday, Arthur B.
Ogden, Harold S.
Olsen, Arthur A.
Olson, Edwin N.
Parker, Earl R.
Patterson, Franklin G.
Peters, Leo R.
Peterson, Justin.
Pettibone, George H.
Pfuntner, Richard A., and Wilson.
Pike, Otis W.
Potter, John T.
Powell, Alric H.
Prince, David C.
Pugsley, Donald W.
Radcliffe, Thomas J.
Rader, Louis T.
Rano, Simon.
Rice, Chester W.
Rich, Theodore A.
Richardson, Ernest L.
Richardson, George, and Horlick.
Rietz, Earl B., and Tower.
Robinson, Arthur W., Jr.
Robinson, Percy W.
Roper, Val J.
Rosentreter, Ernest W.
St. Palley, Zoltan O.
Sanborn, Arthur R.
Sauer, Robert O.
Savage, Marion A., and Kent.
Savage, Robert H.
Schneider, Elbert D.
Schurig, Otto R.

General Electric Company, assignee: *See*—Continued
Schafer, Ivanhoe H.
Scott, Richard.
Seaver, John D.
Seaver, John D., and Frye.
Sheldon, Lyle A.
Shores, Ronald B.
Short, Thomas T.
Shoults, David R.
Sias, Frederick R., and Pearson.
Silvester, Austin G.
Sinks, Allen T.
Slobod, Arthur A.
Smith, Richard E.
Smith, Sidney R., Jr.
Somerville, Gareth G.
Spencer, Richard O.
Spitler, Theodore M.
Sprung, Murray M.
Stauffer, Lynn H.
Steenstrup, Christian.
Stimson, Allen G.
Stone, Joseph E.
Strickland, Royal F.
Suits, Chauncey G.
Summers, Claude M.
Swingle, Artro W., Pettibone, and Dill.
Syrovy, Gerald H.
Tanis, Hubert E., Jr.
Terpak, Stephen, and Wetherill.
Thelsen, Joseph L.
Thielemann, Rudolf H.
Thompson, Louis W.
Thompson, Wendell S.
Thunim, Carl, Prince, and Dhonau.
Tillman, John E.
Titus, Charles H.
Tonks, Lewi.
Tonks, Lewi, and Apker.
Tonks, Lewi, and Davis.
Townsend, Mark A.
Traver, Oliver C.
Troell, Roy E.
Urban, Fred O.
Valentine, Frank E.
Valentine, Frank E., and Skillin.
Van Brunt, Charles G.
Van Horn, Irving H.
Von Hoorn, Fred G.
Wade, Elmer J.
Wall, Alexander C.
Warner, Donald F.
Warner, Donald F., and Auyer.
Warner, Wilbur W.
Warren, Glenn B.
Wassell, Frank A.
Watts, Donald E., and Gardiner.
Weeks, Walter R.
Welch, Alanson U., Jr.
Westendorp, Willem F.
Wetherill, Lynn.
Whinnery, John R.
White, George M.
Whitesdie, Jack R., and Townsend.
Wieseman, Robert W.
Wightman, Lawrance W.
Willard, Waldo W.
Wilson, Wayne E.
Winslow, Arthur F.
Winter, Fred H.
Wood, Charles E.
Worcester, Joseph A., Jr.
Wright, James G. E., and Oliver.
Young, William R.
Zyta, Leon H.

General Electric Company Limited, The, assignee: *See*—
Espley, Dennis C.
Friedlander, Erich.
Gavin, Malcolm R.
Ramsay, Henry T.
General Engineering Company (Canada) Limited, The, assignee: *See*—
Segsworth, Robert S.
General Engineering Company, The, assignee: *See*—
Riddell, William A.
General Excavator Company, The, assignee: *See*—
Barnhart, Edgar W.
General Fireproofing Company, The, assignee: *See*—
Gibson, George R.
General Foods Corporation, assignee: *See*—
Berry, Norton E., and Kremers.
Kremers, Roland E.
Southwick, Charles A., Jr., and Stagmeier.
Thayer, Josephus J.
General Hardware Mfg. Co. Inc., assignee: *See*—
Nissenbaum, Moses D.
General Implement Corporation, assignee: *See*—
Karl, George E.
General Inventions Corporations, assignee: *See*—
Hemp, Paul L.
General Latex and Chemical Corp., assignee: *See*—
MacLeod, Duncan W.

General Luminescent Corporation, assignee: *See*—
Isenberg, Sampson.
Isenberg, Sampson, and Hultgren.
General Machinery Corporation, assignee: *See*—
Byerlein, Arthur A.
Lewis, Frank M.
General Mills, Inc., assignee: *See*—
Borchardt, Lester F.
Dykoski, Walter J., and Borchardt.
Evans, James W.
Long, George.
Myers, Fred D.
General Motors Corporation, assignee: *See*—
Alexander, Donald F.
Allen, Everett W.
Appel, Walter D.
Arthur, James L., and Williams.
Austin, Dwight E.
Barcus, Anthony P.
Barr, Harry F.
Blanchard, Werner J., MacNeil, Haines, Martin.
Blomberg, Martin P.
Blomberg, Martin P., and Stampen.
Bourne, Robert R.
Brannigan, Thomas P., Raison, and Yoder.
Brill, William E.
Brittain, Richard J., Jr.
Browne, Donald B., Clarke, and Painter.
Burge, James S.
Butner, Horace J.
Campbell, John M.
Canter, Ralph, and Geyer.
Carney, Clifford R.
Chapman, Frederick W.
Clark, Kendall.
Claytor, Edward M.
Corbin, Douglas H.
Cotter, Bart, Klassen, and Archer.
Cramer, Paul L., and Begeman.
Cramer, Raymond H.
Daily, Robert A., and Crooks.
Diedring, John H.
Dilworth, Richard M., Lilliquist, and Queeney.
Dow, William G., Early, and Gomberg.
Dybvig, Edwin S.
Dyer, John B.
Edmundson, William C.
Etchells, Eugene B.
Faige, Robert N., Onksen, and Goris.
Ferris, Donald K.
Fike, Charles H., and Heinzen.
Fischer, Albert W.
Frederick, Charles W.
Gaiser, Martin W.
Gandelot, Howard K.
Gardiner, Arthur W., and Goldthwaite.
Geyer, Howard M., and Carson.
Gibson, J. Lowell.
Graham, Charles D., and Dybvig.
Griffith, Bain.
Hackett, James W., and Copping.
Harrold, Marshall C.
Heath, Robert L., Fisher, and Holbrook.
Holin, William F.
Hope, Lawrence F.
Hulsing, Kenneth L.
Hunt, John H.
Husband, Linton A.
Hutchinson, Philip H.
Jacobs, James W.
Janes, Russell G.
Jorgensen, Clarence H., and Claytor.
Kauffman, Jesse S.
Kettering, Charles F.
Kuhn, George.
Leland, Robert W.
Lilliquist, Torsten O.
Macan, Albert L.
MacPherson, Earle S.
Mann, Cecil A.
Martin, Edward J.
Martin, Edward J., and Grinstead.
Martin, Edward J., Grinstead, and Frawley.
Martin, Thomas B., and Haines.
Martz, William M.
Marvin, John T., and Koehring.
Matthews, Carroll F.
McCormack, Alex A.
McCormick, Francis H.
Menzies, William E.
Michelsen, Henry, and Stevens.
Naegeli, Charles P.
Ogden, Jack.
Olson, Theodore A., and Klopak.
Patch, Earl S., and Moore.
Paton, Clyde R.
Pearce, George C., and Grooms.
Petkwitz, Carl F.
Rabezzana, Hector.
Rady, William J.
Rasmussen, Olaf.
Rasmussen, Olaf, and Rike.
Rataiczak, Francis I.
General Motors Corporation, assignee: *See*—Continued
Rockafellow, Stuart.
Sampson, Frederick W.
Sampson, Frederick W., and Hyde.
Sargeant, Walter E.
Schilling, Robert.
Schjolin, Hans O.
Schweller, Sylvester M.
Scott, Gifford G.
Sisson, Kenneth O.
Smith, Glen A.
Smith, Jasper A.
Smith, Robert F.
Spicacci, Attilio R.
Stickel, Carl A.
Storer, John E., Jr.
Stuart, Joseph, III.
Sullivan, Raymond H.
Swanson, Nils E.
Thornburg, Herbal A.
Trisler, Milton A.
Van Degrift, Thomas C.
Werner, Calvin J.
Wilson, Ernest E.
Wirshing, Ralph J., and Smith.
Wittlinger, Leonard M.
Youngren, Harold T.
General Printing Ink Corporation, assignee: *See*—
Voet, Andries.
General Radio Company, assignee: *See*—
Tuttle, William N.
General Railway Signal Company, assignee: *See*—
Denniston, Adolph L., and Martin.
Hailes, William D., Brixner, Barker, and Dasburg.
Hailes, William D., and Merkel.
Howe, Winthrop K.
Jacobus, John J.
Judge, Thomas J.
Langdon, Andrew.
Lorenz, Richard L.
Mackey, Stuart J., and Wynn.
O'Brien, John C.
Preston, Nell D.
Rees, Frank X.
Stephenson, James E.
Wight, Sedgwick N., and Field.
Wight, Sedgwick N., Field, and Dicke.
General Sales Company of Cadillac, assignee: *See*—
Greeley, Leo O.
General Spring Corporation, assignee: *See*—
Wood, Joseph K.
General Steel Castings Corporation, assignee: *See*—
Jarchow, Werner C.
Travilla, James C., Jr.
General Tank Service, Inc., assignee: *See*—
Perignat, Joseph M.
General Timber Service, Inc., assignee: *See*—
MacKenzie, Neal T.
General Time Instruments Corporation, assignee: *See*—
Beiser, Elmer H., Berninger, and Schlenker.
Eldmann, Frank L., and Engel.
Engel, George C., Lynch, and Eldmann.
Lorenz, Richard L.
General Tire & Rubber Company, The, assignee: *See*—
Breth, Walter J., and Wormald.
Comey, Fred H.
Dodge, Howard M.
Thiry, Leon F.
Genjack, Conrad, North Vancouver, British Columbia, Canada. Toy. 2,395,179; Feb. 19.
Gensler, Ray K.: *See*—
Carter, Joseph E., and Gensler.
Gent, Edgar W., Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Timing mechanism. 2,400,085; May 14.
Gent, Edgar W., Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Audible signaling device. 2,412,610; Dec. 17.
Gent, Harry, and R. H. H. Pryde, Coalville, Transvaal, Union of South Africa. Electrical junction system. 2,398,782; Apr. 23.
Genter, Albert H., Mount Lebanon, Pa. Mining machine bit. 2,395,545; Feb. 26.
Gentil, Eugene, New York, N. Y., assignor to Societe Anonyme des Manufactures des Glaces & Produits Chimiques de Saint-Gobain, Chauny & Cirey, Paris, France. Glass making furnace. 2,397,852; Apr. 2.
Gentil, Raymond, assignee: *See*—
Voreaux, Paul J.
Gentry, William M.: *See*—
Mullins, William H., and Gentry.
Gentzel, Perry H., State College, Pa. Seat for safety valve constructions. 2,398,370; Apr. 16.
Geoghegan, Eamonn D. A., assignor to Tobe Deutschmann Corporation, Canton, Mass. Support for capacitors. 2,405,139; Aug. 6.
Geohegan, William A.: *See*—
Hinsey, Joseph C., and Geohegan.
Geohegan, William A., Flushing, and R. E. Phipps, Baldwin, N. Y., assignors to the United States of America, as represented by the Secretary of War. Shoulder harness take-up and inertia lock. 2,403,653; July 9.

Geophysical Development Corporation, assignee: *See*—
Krasnow, Shelley, and Curtiss.
Geophysical Research Corporation, assignee: *See*—
Millikan, Charles V.
Wolf, Alfred.
George, Charles E., Sr., Charleston, W. Va. Trap. 2,399,111; Apr. 23.
George, Charles L., and R. N. Bennett, assignors to The Buckeye Traction Ditcher Company, Findlay, Ohio. Material spreader hitch. 2,403,973; July 16.
George, Frank C., Orlando, Fla. Block molding machine. 2,396,999; Mar. 19.
George, Fred W., Jr., Lima, Ohio. Multiple-cylinder steam locomotive. 2,407,980; Sept. 24.
George, Harry F., Chicago, Ill. Steering wheel. 2,408,388; Oct. 1.
George, Harry S., Massapequa, N. Y. Railroad rail and making same. 2,411,203; Nov. 19.
George, Melvin F., Jr.: *See*—
Hamilton, William F., George, and Weible.
George, Ralph W., Riverhead, N. Y., assignor to Radio Corporation of America. Ultra high frequency system. 2,399,481; Apr. 30.
George, Ralph W., Riverhead, N. Y., assignor to Radio Corporation of America. Filter. 2,409,556; Oct. 15.
George, Roscoe H., West Lafayette, Ind., assignor to Radio Corporation of America. Signal receiver circuit. 2,411,963; Dec. 3.
Georgopoulos, Michael L., Washington, D. C. Straw and milk container combination. 2,395,734; Feb. 26.
Georgopoulos, Michael L., Washington, D. C. Ice creeper. 2,406,074; Aug. 20.
Gepfert, Franklin G., Shaker Heights, Ohio. Drill. 2,404,048; July 16.
Gepfert, Franklin G., Shaker Heights, Ohio. Drill. 2,404,049; July 16.
Gephart, Perman E., Farmersville, Ohio. Portable conveyer. 2,397,959; Apr. 9.
Gerace, Elvira, Brooklyn, assignor to Milady Brassiere & Corset Co. Inc., New York, N. Y. Brassière. 2,400,499. May 21.
Geraci, Antonio, assignee: *See*—
Bongiovanni, Antonio.
Gerahty, James D., New York, N. Y. Container and making same. 2,406,678; Aug. 27.
Geraty, Paul C., assignor, by mesne assignments, to Kellogg Switchboard and Supply Company, Chicago, Ill., and R. D. Collins, Beverly Hills, Calif. Making elastic coil cables. 2,394,762; Feb. 12.
Gerbes, Otto, Goose Creek, Tex., assignor to Standard Oil Development Company. Isomerization process. 2,408,018; Sept. 24.
Gerdes, August F., Clinton, Iowa. Welder's armrest. 2,403,654; July 9.
Gerecs, Árpád: *See*—
König, Rezso, Gerecs, and Földi.
Geren, Philip, assignor, by mesne assignments, to Lear, Incorporated, Grand Rapids, Mich. Chuck. 2,403,100; July 2.
Gerhard, Anthony E., Los Angeles, Calif., and E. G. Fraim, Hicksville, N. Y., assignors to Press Wireless, Inc., Chicago, Ill. Facsimile transmitting and reproducing system, method, and apparatus. 2,403,358; July 2.
Gerhardt, Andrew H., Skokie, and T. C. Maher, assignors to Electric Household Utilities Corporation, Chicago, Ill. Automatic ironing machine. Re. 22,720; Feb. 12.
Gerhardt, Bertha, assignee, et al.: *See*—
Gerhardt, Fred P.
Gerhardt, Fred P., Milwaukee, Wis., assignor of thirty-nine per cent to B. Gerhardt and ten per cent to E. A. Everett, Los Angeles County, Calif. Power unit. 2,398,221; Apr. 9.
Gerhart, Howard L., Milwaukee, Wis., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Conjoint polymerization product of dicarboxylic compounds and vinylic compounds. 2,392,139; Jan. 1.
Gerhart, Howard L., Milwaukee, Wis., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Preparation of cyclopentadiene resin. 2,392,140; Jan. 1.
Gerhart, Howard L., Milwaukee, Wis., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Coating materials. 2,392,732; Jan. 8.
Gerhart, Howard L., Milwaukee, Wis., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Resinous material. 2,397,600; Apr. 2.
Gerhart, Howard L., Milwaukee, Wis., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Resinous material. 2,398,889; Apr. 23.
Gerhart, Howard L., Milwaukee, Wis., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Coating composition and preparing the same. 2,399,179; Apr. 30.
Gerhart, Howard L., Milwaukee, Wis., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Plasticized styrene-maleic resin composition. 2,407,413; Sept. 10.
Gerhart, Howard L., Milwaukee, Wis., and L. M. Adams, Corpus Christie, Tex., assignors to Pittsburgh Plate Glass Company. Purifying dicyclopentadiene. 2,397,601; Apr. 2.
Gerhart, Howard L., and L. M. Adams, Milwaukee, Wis., assignors to Pittsburgh Plate Glass Company. Modified alkyd type resins. 2,404,836; July 30.
Gerhold, Alfred, Westcliff-on-Sea, England. Screw. 2,403,359; July 2.
Gerhold, Clarence G., assignor to Universal Oil Products Company, Chicago, Ill. Gas analysis and control. 2,393,362; Jan. 22.
Gerhold, Clarence G., assignor to Universal Oil Products Company, Chicago, Ill. Noncorrosive media for heating transfer. 2,394,164; Feb. 5.
Gerhold, Clarence G., assignor to Universal Oil Products Company, Chicago, Ill. Downspout for bubble trays. 2,394,679; Feb. 12.
Gerhold, Clarence G., and L. A. Makler, assignors to Universal Oil Products Company, Chicago, Ill. Regeneration of spent catalyst. 2,394,680; Feb. 12.
Gerhold, Clarence G., Chicago, Ill., and J. E. Burgess, Sweeney, Tex., assignors to Universal Oil Products Company, Chicago, Ill. Catalytic conversion of hydrocarbons. 2,409,751; Oct. 22.
Gerlach, Carl A., Spring Lake, Mich. Adhesive applicator for wrapping machines. 2,396,417; Mar. 12.
Gerlach, Carl A., assignor to Muskegon Motor Specialties Company, Muskegon, Mich. Machine for honing camshafts. 2,394,438; Feb. 5.
Gerlat, Erving F., Racine, Wis. Vibrato producing means for musical instruments. 2,412,212; Dec. 10.
Gerlich, Stephen, Chicago, Ill. Shoe rack. 2,409,268; Oct. 15.
German, Howard M., East Orange, assignor to Driver-Harris Company, Harrison, N. J. An austenitic chromium-nickel-iron. 2,408,771; Oct. 8.
Germeshausen, Kenneth J., Newton Centre, Mass. Flash-photography apparatus. 2,396,222; Apr. 30.
Germeshausen, Kenneth J., Cambridge, assignor to Raytheon Manufacturing Company, Newton, Mass. Igniter for mercury-pool tubes. 2,396,422; Apr. 16.
Gernandt, Waldo G., assignor to Briggs Manufacturing Company, Detroit, Mich. Engine. 2,401,631; June 4.
Gernandt, Waldo G., and A. E. Walden, assignors to Briggs Manufacturing Company, Detroit, Mich. Engine. 2,409,034; Oct. 8.
Gerndt, Paul G., and J. A. Hannum, Detroit, Mich., assignors to United States Rubber Company, New York, N. Y. Removing rubber from metal. 2,406,458; Aug. 27.
Gerner, Theodore C., Oklahoma City, Okla. Drive shaft bushing assembly. 2,403,520; July 9.
Gerner, Theodore C., Oklahoma City, Okla. Method and apparatus for repairing propeller shaft housings. 2,405,541; Aug. 6.
Gershen, William R., Larchmont, N. Y. Shoulder pad. 2,403,274; July 2.
Gershman, David, New York, N. Y. Attaching ribs to umbrella covers. 2,413,617; Dec. 17.
Gersohn, William, Yonkers, N. Y. Collapsible garment hanger. 2,409,269; Oct. 15.
Gerspacher, Thomas S., Baldwin, N. Y. Window glass. 2,398,371; Apr. 16.
Gerst, Chris, Dearborn, Mich. Clutch structure. 2,401,864; June 11.
Gerst, Chris, Dearborn, assignor to Transmission Specialties Company, Detroit, Mich., a partnership of Michigan. Clutch structure. 2,392,984; Jan. 15.
Gerteis, Karl M., assignor to Carrier Corporation, Syracuse, N. Y. Modulating compressor capacity control. 2,412,503; Dec. 10.
Gertler, Samuel I., Washington, D. C., assignor to United States of America as represented by the Secretary of Agriculture and his successors in office. Insecticidal compositions. 2,405,743; Aug. 13.
Gertler, Samuel I., Washington, D. C., assignor to United States of America, as represented by Secretary of Agriculture. N,N-diethylbenzamide as an insect repellent. 2,408,389; Oct. 1.
Gertler, Samuel I., Washington, D. C., assignor to the United States of America, as represented by the Secretary of Agriculture. Insect repellent. 2,411,720; Nov. 26.
Gessler, Frederick A., assignor, by mesne assignments, to Globe Milker, Inc., Des Moines, Iowa. Teat cup for milking machines. 2,408,390; Oct. 1.
Getaz, James L., New York, N. Y. Processing of synthetic fibers. 2,394,165; Feb. 5.
Getchell, Benjamin E., Plainville, Conn., assignor to The Trumbull Electric Manufacturing Company. Thermostatic switch. 2,412,142; Dec. 3.
Getgey, John J., Cincinnati, Ohio, assignor to Empire Ironer, Inc. Ironer with steaming attachment. 2,392,286; Jan. 1.
Getgey, John J., Cincinnati, Ohio, assignor to Empire Products, Inc., Cincinnati, Ohio. Trouser creasing device. 2,398,302; Apr. 9.
Getgey, John J., Cincinnati, Ohio, and C. H. Kruea, Fort Thomas, Ky.; said Getgey assignor to Munny Manufacturing Company, Cincinnati, Ohio. Automatic basting device. 2,400,405; May 14.
Getteiman, Fredrick, Milwaukee, Wis. Double walled container. 2,404,484; July 23.

Gettig, Martin S., Poland, and H. E. Engelbaugh, assignors to The Youngstown Sheet and Tube Company, Youngstown, Ohio. Escapement mechanism. 2,405,947; Aug. 20.
Gettig, Martin S., Poland, and H. E. Engelbaugh, assignors to The Youngstown Sheet and Tube Company, Youngstown, Ohio. Apparatus for delivering elongated cylindrical articles. 2,407,638; Sept. 17.
Geyer, Harvey D.: *See*—
Canter, Ralph, and Geyer.
Geyer, Howard M., and H. Carson, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich. Pump. 2,403,854; July 9.
Geyer, William F., assignee, et al.: *See*—
Trent, Floyd E.
Gfeller, Ernst, Zurich, Switzerland. Device for exchangeably mounting tools. 2,398,222; Apr. 9.
Ghez, Henry and O., New York, N. Y. Flexible device. 2,397,415; Mar. 26.
Ghez, Oscar: *See*—
Ghez, Henry and O.
Ghosh, Saraju P., Camden, N. J., assignor to Radio Corporation of America. Reflectometer correction network. 2,412,393; Dec. 10.
Giammaria, John J.: *See*—
Reiff, Orland M., and Giammaria.
Giammaria, John J., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Mineral oil composition. 2,410,578; Nov. 5.
Giammaria, John J., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Lubricant composition. 2,410,650; Nov. 5.
Giammatteo, Charles: *See*—
Judd, Charles H., and Giammatteo.
Giantvalley, Lawton D., assignor of one-half to C. F. Carlson, Oakland, Calif. Stinger. 2,412,083; Dec. 3.
Gibbens, William J., Jr., assignee: *See*—
McElhinney, Thomas R.
Gibbons, Edward J., and T. M. O'Neil, Jr., assignors to American Cyanamid Company, New York, N. Y. Apparatus for determining mold cavity pressure. 2,399,342; Apr. 30.
Gibbons, Percy A.: *See*—
Cotton, Frank H., and Gibbons.
Gibbs, Benedict T., Santa Monica, Calif., assignor to Du-Wel Steel Products Company, Chicago, Ill. Rail fastener. 2,394,373; Feb. 5.
Gibbs, Carlin F., Cuyahoga Falls, Ohio assignor to The B. F. Goodrich Company, New York, N. Y. Composition of matter. 2,393,156; Jan. 15.
Gibbs, Carlin F., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Dihydroquinoline condensation product. 2,400,500; May 21.
Gibbs, Carlin F., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Ketone aminoindan condensation product. 2,408,891; Oct. 1.
Gibbs, Harold L., and H. D. Snedden, Salt Lake City, Utah, assignors to the Government of the United States, as represented by the Department of Interior. Beneficiation of beryllium ores. 2,395,475; Feb. 26.
Gibbs, Norman E.: *See*—
Schellens, Eugene L., and Gibbs.
Gibbs, Thomas L., assignor of one-half to G. L. Danley, Denver, Colo. Float control valve. 2,394,994; Feb. 19.
Gibsen, Kenneth F.: *See*—
Clark, Donald E., Steiner, and Gibsen.
Gibson, George A., Jr., New York, N. Y. Toothbrush holder. 2,413,306; Dec. 31.
Gibson, George R., Brookfield, assignor to The General Fireproofing Company, Youngstown, Ohio. Closure fastener. 2,406,459; Aug. 27.
Gibson, J. Lowell, assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,394,166; Feb. 5.
Gibson, Marshall D., Webster Groves, Mo. Wall plug. 2,396,501; Mar. 12.
Gibson Refrigeration Company, assignee: *See*—
Drake, Earl D.
Rosebrook, Homer E.
Rosebrook, Homer E., and Powell.
Yantis, Roy C.
Gibson Refrigerator Company, assignee, et al.: *See*—
Pruitt, Harvey E.
Gibson, Sydney A.: *See*—
Olpin, Henry C., and Gibson.
Gidden, Norman L., New York, N. Y. Fastener. 2,404,169; July 16.
Giddens, Joel E.: *See*—
Reeves, Richard E., and Giddens.
Giddings & Lewis Machine Tool Co., assignee: *See*—
Gallimore, Keith F., and Kraut.
Jones, Gordon H.
Kraut, Hans B., and Gallimore.
Gideon, Lauretta F., assignee, et al.: *See*—
Gideon, Victor W.
Gideon, Minor B.: *See*—
Gorka, Elynor D., and Gideon.
Gideon, Victor W., assignor to V. W. Gideon, H. W. Jerry, L. F. Gideon, and L. C. Jerry, copartners doing business under the firm name of Par Manufacturing Co., Chicago, Ill. Adjustable chuck. 2,392,039; Jan. 1.
Gideon, Victor W., assignor to V. W. Gideon, H. W. Jerry, L. F. Gideon, and L. C. Jerry, copartners, doing business under the firm name of Par Manufacturing Co., Chicago, Ill. Mandrel. 2,410,493; Nov. 5.
Gideon, Victor W., assignor to Boyar-Schultz Corporation, Chicago, Ill. Tool bit fixture. 2,410,494; Nov. 5.
Gier, Virgil, Turlock, Calif. Disk harrow. 2,402,884; June 25.
Gieringer, Carl K., assignor to The Liebel-Flarsheim Company, Cincinnati, Ohio. Electrode for diathermy treatments. 2,404,283; July 16.
Gieseke, Werner A., assignor to S. C. Hurley, Jr., Danville, Ill. Photoelectrically controlled amplifying circuit. 2,404,131; July 16.
Giesen, Josef H., U. S. Navy. Fracture reducer. 2,393,982; Feb. 5.
Gieske, Joseph H., St. Paul, assignor, by mesne assignments, to N. C. Smith, Minneapolis, Minn. Protractor. 2,412,084; Dec. 3.
Gieskieng, Marion W. and W. A., Denver, Colo. Railway wheel checking device. 2,408,553; Oct. 1.
Gieskieng, William A.: *See*—
Gieskieng, Marion W. and W. A.
Gifford, Arthur D., Milford, Calif. Flower holder. 2,413,307; Dec. 31.
Gifford, Carl E., Zanesville, V. W. Carpenter, Franklin, and L. L. Cook, Zanesville, assignors to The American Rolling Mill Company, Middletown, Ohio. Flattening silicon steel sheets. 2,412,041; Dec. 3.
Gifford, Joseph F., Maplewood, N. J., assignor to United Merchants & Manufacturers, Inc., Wilmington, Del. Treating textile material to prevent edge curling. 2,402,621; June 25.
Giger, Ernst, Zurich, assignor of one-half to E. Boppart, Thalwil (Canton Zurich), Switzerland. Liquid delivery device. 2,402,036; June 11.
Giger, Walter, Zurich, assignor to Aktiengesellschaft Brown, Boveri & Cie, Baden, Switzerland. Dual power thermal locomotive. 2,405,352; Aug. 6.
Gilbert, A. C., Company, assignee: *See*—
Gilbert, Alfred C.
Gilbert, Alfred C., Hamden, assignor to A. C. Gilbert Company, New Haven, Conn. Constructional toy with menagerie blocks. 2,398,223; Apr. 9.
Gilbert & Barker Manufacturing Company, assignee: *See*—
De Lancey, Warren H.
Elliot, Donald C.
Elliot, Donald C., and Paul.
Grisé, Alfred L.
Logan, Joseph A.
Mesh, Theodore J.
Speare, Leolyn F.
Gilbert, Benjamin D., New York, N. Y. Drinking glass. 2,395,267; Feb. 19.
Gilbert and Bennett Manufacturing Company, The, assignee: *See*—
Miller, David H., Knowles, and Hughes.
Gilbert, Chalmers W., Penn Township, Allegheny County, assignor to The Union Switch & Signal Company, Swissvale, Pa. Impulse actuated timing means. 2,407,232; Sept. 10.
Gilbert, Frank, Jr., Olmsted Falls, Ohio. Container closure and closing containers. 2,403,855; July 9.
Gilbert, Frank, Jr., Olmsted Falls, Ohio. Container and making same. 2,407,639; Sept. 17.
Gilbert, George R., Elizabeth, N. J., assignor to Standard Oil Development Company. Production of motor fuels. 2,404,050; July 16.
Gilbert, Harold H., assignor to Ex-Cell-O Corporation, Detroit, Mich. Positioning device. 2,400,501; May 21.
Gilbert, Harvey N., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Metal coating light metals. 2,398,738; Apr. 16.
Gilbert, Harvey N., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coating ferrous metals with molten aluminum. 2,408,623; Oct. 1.
Gilbert, Joseph A., Emeryville, Calif., assignor to Moore Business Forms, Inc. Manifolding assembly. 2,395,808; Mar. 5.
Gilbert, Richard H.: *See*—
Beekley, Henry L., Gilbert, and Lacart.
Gilbert, Roswell W., Montclair, assignor to Weston Electrical Instrument Corporation, Newark, N. J. High-frequency dielectric heating apparatus. 2,396,004; Mar. 5.
Gilbert, Roswell W., Montclair, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Electronic microammeter. 2,403,521; July 9.
Gilbert, Walter, Sr., Johnstown, assignor to Syntron Company, Homer City, Pa. Rotary seal. 2,398,783; Apr. 23.
Gilbreath, John N., Summerville, Ga. Loop cutter. 2,411,259; Nov. 19.
Gilch, Herman F., Duquesne, assignor of two-fifths to A. J. Czudek, West Mifflin, Pa. Hollow axle testing device. 2,399,864; May 7.
Gilchrist, Peter S., Jr., Charlotte, N. C. Bubble gun. 2,393,039; Jan. 15.
Gilderdale, John O.: *See*—
Eyre, Charles M. Le G., and Gilderdale.
Giles, Delos C., Oil City, Pa. Spirally wound barrel closure. 2,412,576; Dec. 17.

Giles, Dilys L., Burbank, Calif. Pipe coupling. 2,412,394; Dec. 10.
Gilfillan, Henry W., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Combined starter and generator drive. 2,402,547; June 25.
Gilfillan, Henry W., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Apparatus for comparing pressures. 2,407,925; Sept. 17.
Gilfillan, Henry W., Detroit, D. M. Borden, Royal Oak, and P. W. Wyckoff, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Apparatus for controlling the power plants of aircraft. 2,402,885; June 25.
Gilfillan, Henry W., Detroit, and E. L. Bailey, Birmingham, assignors to Chrysler Corporation, Highland Park, Mich. Power transmission. 2,406,557; Oct. 15.
Gilfillan, John T., Jr., Kenosha, Wis. Translating mechanism for printing telegraph. 2,413,557; Dec. 31.
Gilfillan, Paul M., assignor to Shellmar Products Company, Mount Vernon, Ohio. Container. 2,392,848; Jan. 15.
Gilkey, Guy R., Spokane, assignor of one-half to G. Furler, Metaline Falls, Wash. Reseating tool for valve bodies. 2,397,000; Mar. 19.
Gill, Arrie: *See*—
Gill, George A. and A.
Gill, Emerson C., Melrose, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Holder and positioner for heel parts. 2,408,844; Oct. 8.
Gill, Emerson C., Melrose, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Fastening-inserting machine. 2,408,845; Oct. 8.
Gill, George A. and A., Mexia, Tex. Shuttle guard. 2,396,780; Mar. 19.
Gill, James C.: *See*—
Sigler, Laurence M., and Gill.
Gill, Kathryn B., assignee: *See*—
Sigler, Laurence M., and Gill.
Gill, Lowell O., and J. W. McDonald, assignors to A. E. Staley Manufacturing Co., Decatur, Ill. Thick pasting starch and method. 2,407,071; Sept. 30.
Gill, Ray H., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Rivet. 2,409,352; Oct. 15.
Gille, Willis H., St. Paul, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control apparatus. 2,403,917; July 16.
Gilleland, Grover W., Steamboat Springs, Colo. Building structure. 2,397,345; Mar. 26.
Gillerstrom, Hillmer, South Pasadena, Calif., assignor to Independent Pneumatic Tool Co., Chicago, Ill. Control valve mechanism for pneumatic tools. 2,392,141; Jan. 1.
Gillespie, Charles N.: *See*—
Hallborg, Henry E., Gillespie, and Clark.
Gillespie, Henderson C., Moorestown, N. J., assignor to Radio Corporation of America. Control of electrical arcs. 2,411,325; Nov. 19.
Gillespie, Stanley E., Evanston, assignor to Western Railroad Supply Company, Chicago, Ill. Apparatus for the control of highway crossing signals. 2,391,961; Jan. 1.
Gillette, Arthur J., Chicago, Ill. Manhole cover locking mechanism. 2,402,246; June 18.
Gillette, Harold R., Boston, Mass., C. J. Kopp, Chicago, Ill., and R. S. Gillette, Springfield, Vt., assignors to Federal Electric Company, Inc., Chicago, Ill. Tube forming machine. 2,401,728; June 11.
Gillette, Robert S.: *See*—
Gillette, Harold R., Kopp, and Gillette.
Gillette Safety Razor Company, assignee: *See*—
Muros, Joseph.
Testi, Nicholas.
Gilliam, Coleman W., Birmingham, Ala., assignor of one-third to P. J. Coyle and one-third to E. Y. McMorries, Birmingham, Ala. Collapsible metal core for molding concrete. 2,393,765; Jan. 29.
Gilliam, James S.: *See*—
Nevins, Samuel L., Albertson, and Gilliam.
Gilliam, Thomas B., Washington, D. C. Refrigerating apparatus. 2,403,275; July 2.
Gilliard, Ernest T., Trout Run, Pa., assignor to The Aviation Corporation, New York, N. Y. Clutch mechanism for variable-speed gearing. 2,403,594; July 9.
Gilliland, Prentice, Los Angeles, Calif. Garment holder. 2,405,124; Aug. 6.
Gillings, Charles, and L. J. Murray, Liverpool, England, assignors to Automatic Electric Laboratories, Inc., Chicago, Ill. Telephone or like system. 2,398,826; Apr. 23.
Gillings, Charles, C. E. Beale, and T. B. D. Terroni, Liverpool, England, assignors, by mesne assignments, to Automatic Electric Laboratories, Inc. Telephone or like signaling system. 2,407,150; Sept. 3.
Gillings, Charles, and C. E. Beale, Liverpool, England, assignors, by mesne assignments, to Automatic Electric Laboratories, Inc. Telephone or like signaling system. 2,407,640; Sept. 17.
Gillings, Charles, and L. J. Murray, Liverpool, England, assignors to Automatic Electric Laboratories, Inc., Chicago, Ill. Crossbar selector switching unit. 2,409,122; Oct. 8.
Gillings, Charles, and L. J. Murray, Liverpool, England, assignors to Automatic Electric Laboratories, Inc., Chicago, Ill. Crossbar switch mechanism. 2,412,257; Dec. 10.
Gillings, Charles, and L. J. Murray, Liverpool, England, assignors to Automatic Electric Laboratories, Inc., Chicago, Ill. Telephone or like system. 2,412,258; Dec. 10.
Gilliver, Gilbert: *See*—
Grace, Bertram B., Handley, and Gilliver.
Gillman, Samuel, New York, N. Y. Shoulder pad for garments. 2,399,731; May 7.
Gillmore, Kenneth B., and G. H. F. Brown, assignors to The De Havilland Aircraft Company Limited, Hatfield, England. Variable pitch propeller. 2,407,414; Sept. 10.
Gilium, Donald E., Hermosa Beach, and C. J. Galliant, Brentwood Heights, assignors to North American Aviation, Inc., Inglewood, Calif. Vibrometer. 2,408,392; Oct. 1.
Gilman, John E., 3rd, Schenectady, N. Y., assignor to General Electric Company. Switch operating mechanism. 2,399,482; Apr. 30.
Gilman, Wayne H., Oak Park, assignor to Permoflux Corporation, Chicago, Ill. Communications equipment. 2,413,345; Dec. 31.
Gilman, Webster E., River Forest, assignor to Permoflux Corporation, Chicago, Ill. Communications equipment. 2,394,374; Feb. 5.
Gilmartin, Thomas: *See*—
Silverman, Daniel, and Gilmartin.
Gilmore, Clement R.: *See*—
Livar, Allen P., and Gilmore.
Gilpin, Garth G., assignor to Standard Railway Equipment Manufacturing Company, Chicago, Ill. Car coupler support and positioning device. 2,401,822; June 11.
Gilpin, Garth G., assignor to Standard Railway Equipment Manufacturing Company, Chicago, Ill. Supporting and positioning device for car couplers. 2,401,823; June 11.
Gilpin, Garth G., assignor to Standard Railway Equipment Manufacturing Company, Chicago, Ill. Railway car roof walk. 2,404,284; July 16.
Gilpin, Garth G., assignor to Standard Railway Equipment Manufacturing Company, Chicago, Ill. Positioning and supporting device for car couplers. 2,404,285; July 16.
Gilpin, Garth G., assignor to Standard Railway Equipment Manufacturing Company, Chicago, Ill. Railway car structure. 2,409,035; Oct. 8.
Gilpin, Garth G., assignor to Standard Railway Equipment Manufacturing Company, Chicago, Ill. Railway car wall. 2,412,806; Dec. 17.
Gilpin, Garth G., assignor to Standard Railway Equipment Manufacturing Company, Chicago, Ill. Side wall for railway hopper cars. 2,412,807; Dec. 17.
Gilton Products Co., Inc., assignee: *See*—
Pearle, George.
Gimenez, Leopoldo R., Buenos Aires, Argentina. Rotary mill. 2,397,346; Mar. 26.
Ginger-Cola Dispenser, Inc., assignee: *See*—
Lloyd, Charles W.
Gingras, Edward F., Buffalo, N. Y. Driving belt. 2,397,313; Mar. 26.
Gingras, Edward F., Buffalo, N. Y. Driving belt. 2,405,496; Aug. 6.
Ginn, Earl, North Muskegon, assignor to Continental Motors Corporation, Muskegon, Mich. Internal-combustion engine. 2,411,653; Nov. 26.
Ginsberg, Victor B., assignee: *See*—
Hall, Charles W.
Ginter, Charles W., assignor to The Aro Equipment Corporation, Bryan, Ohio. Blind riveter. 2,404,051; July 16.
Ginter, Charles W., assignor to The Aro Equipment Corporation, Bryan, Ohio. Lubrication coupler. 2,404,052; July 16.
Ginzton, Edward L., Wantagh, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Ultra high frequency attenuator. 2,407,267; Sept. 10.
Ginzton, Edward L., Garden City, N. Y., assignor to Sperry Gyroscope Company, Inc. Frequency multiplier. 2,408,420; Oct. 1.
Ginzton, Edward L., Wantagh, W. Palmer, West Hempstead, and F. A. Jenks, Rockville Centre, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Frequency control system. 2,410,817; Nov. 12.
Giovara, Wilson V.: *See*—
Wehner, William C., and Giovara.
Girdler Corporation, The, assignee: *See*—
Arnold, Melvin R.
Graff, Robert A.
Miller, Bruce De H.
Reed, Robert M.
Reitmeier, Ronald E.
Zottu, Paul D.
Girl, Christian: *See*—
Longoria, Antonio, and Girl.
Girouard, Philias H.: *See*—
Chadwick, George A., and Girouard.
Girvin, Murray D., Manteca, and L. A. Dentone, Stockton, Calif., assignors, by mesne assignments, to The Permanente Metals Corporation. Sublimation apparatus. 2,399,180; Apr. 30.
Gisholt Machine Company, assignee: *See*—
Sundt, Vigo Von K.
Gisondi, Emanuel, Larchmont, N. Y. Fastening device. Re. 22,758; May 21.

Gisondi, Emanuel, Larchmont, N. Y. Fastening device. 2,398,784; Apr. 23.

Gist, Clyde E., St. Louis, Mo. Gluing device. 2,397,853; Apr. 2.

Gisvold, Ole, assignee: *See*— Hansen, Thorwald.

Gisvold, Ole, assignor to Regents of the University of Minnesota, Minneapolis, Minn. Plant extracts and producing same. 2,408,924; Oct. 8.

Gits, Joseph A., Chicago, Ill., assignor to West Disinfecting Company, Long Island City, N. Y. Dispensing device. 2,399,016; Apr. 23.

Gits, Joseph A. and J. P., Chicago, Ill. Flashlight. 2,408,393; Oct. 1.

Gits, Jules P.: *See*— Gits, Joseph A. and J. P.

Gittings, William N., Oakmont, and A. W. Bateman, Yeadon, Pa., assignors to General Electric Company. Electric control system. 2,407,072; Sept. 3.

Gitton, Walter H.: *See*— Riesmeyer, August H., and Gitton.

Giuliani, Chester J., and C. H. Angell, assignors to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 2,409,353; Oct. 15.

Gluesenkamp, Jerome, Cincinnati, Ohio, assignor to The Goodall Worsted Company, Sanford, Maine. Coat construction. 2,396,095; Mar. 5.

Given, Charles P., Washington, D. C., assignor to Virginia-Carolina Chemical Corporation, Richmond, Va. Phosphoric acid detergent composition. 2,413,495; Dec. 31.

Givnan, James D., Portland, Oreg. Screw. 2,395,476; Feb. 26.

Glabe, Elmer F.: *See*— Bauer, Hans F., and Glabe.

Glabe, Elmer F., Chicago, Ill., assignor, by mesne assignments, to Stein, Hall & Co., Inc. Producing dried tomato product. 2,392,241; Jan. 1.

Gladden, John N., and L. Zielinski, Glendale, Calif. Attachment fitting. 2,401,824; June 11.

Gladding, McBean & Co., assignee: *See*— Davids, Ernest M.

Gladfelter, Willie I., Philadelphia, Pa., and W. A. Schmidt, Chase, assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Apparatus for handling and coating containers. 2,397,733; Apr. 2.

Gladfelter, Willie I., Philadelphia, Pa., and W. A. Ehrlich, Bridgeport, Conn., assignors to Crown Can Company, Philadelphia, Pa. Can-beading machine. 2,407,776; Sept. 17.

Glaise, William, et al., assignee: *See*— Barber, Lonnie.

Glanz, Sjunne W., and A. H. Tidd, Cleveland, assignors to The Aro Equipment Corporation, Bryan, Ohio. Snap-on valve. 2,412,330; Dec. 10.

Glarum, Sivert N., Ardmore, Pa., and J. J. Thomas, Portland, Maine, assignors to Rohm & Haas Company, Philadelphia, Pa. Stabilization of converted starch pastes. 2,400,820; May 21.

Glasberg, Myer M.: *See*— Bernheim, Daniel P., and Glasberg.

Glascoff, Walter G., Jr., and C. W. Evert, assignors to Downing Box Company, Milwaukee, Wis. Fiberboard container having reinforced ends and integral hinged closure. 2,409,673; Oct. 22.

Glascote Products, Inc., assignee: *See*— Brown, Carl S.

Glaser, Alex F. G., Blimbing, Java, Netherlands East Indies; vested in the Alien Property Custodian. Fluid turbine. 2,404,371; July 23.

Glaser, Heinrich: *See*— Wiest, Georg, and Glaser.

Glasgow, Charles S., West Los Angeles, and C. G. Brown, assignors to Douglas Aircraft Company, Inc., Santa Monica, Calif. Landing gear. 2,411,420; Nov. 19.

Glasner, Rudolph W.: *See*— Johansen, Einar K., and Glasner.

Glass, Paul, Chicago, Ill., assignor to Askania Regulator Company. Electric control system. 2,410,651; Nov. 5.

Glass, Sigmund, Zurich, Switzerland. Double luggage bag for cycles. 2,405,744; Aug. 13.

Glasser, Charles J., Chicago, Ill. Variable density filter attachment for binoculars. 2,408,772; Oct. 8.

Glassey, Courtney Q., assignor to Eastman Kodak Company, Rochester, N. Y. Vacuum printing frame gasket. 2,398,303; Apr. 9.

Glassey, Courtney Q., assignor to Eastman Kodak Company, Rochester, N. Y. Airspaced support. 2,400,346; May 14.

Glassner, Mitchel, assignor to Maryland Baking Company, Baltimore, Md. Cone jacket transfer mechanism. 2,413,446; Dec. 31.

Glatfelter, P. H., Company, assignee: *See*— Luettgen, Andrew J.

Glauber, John J.: *See*— Chevigny, Paul G., and Glauber.

Glauber, John J., West Orange, N. J., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Electron discharge device. 2,397,854; Apr. 2.

Glavin, Robert E., Bristol, Tenn., assignor to Universal Moulded Products Corporation, Bristol, Va. Molding and glueing press. 2,401,299; June 4.

Glaze, Leavitt B., assignor to P. Henry, Los Angeles, Calif. Clamping device. 2,405,251; Aug. 6.

Glazer, William H., Philadelphia, Pa. Ophthalmic test device. 2,410,729; Nov. 5.

Gleason, Anthony H.: *See*— Sparks, William J., and Gleason.

Gleason, Anthony H., Westfield, and W. J. Sparks, Elizabeth, N. J., assignors, by mesne assignments, to Jasco, Incorporated. Promoting the emulsion polymerization of conjugated diolefins. 2,393,157; Jan. 15.

Gleason, Anthony H., Westfield, N. J., assignor to Standard Oil Development Company. Lubricating oil composition. 2,394,909; Feb. 12.

Gleason, Anthony H., Westfield, N. J., assignor to Standard Oil Development Company. Solvent- and freeze-resistant synthetic rubber and preparing same. 2,412,214; Dec. 10.

Gleason, George A., Boston, Mass. Platform shoe. 2,392,815; Jan. 15.

Gleason, George A., Lawrence, Mass. Shoemaking. 2,392,816; Jan. 15.

Gleason Works, assignee: *See*— Barker, Paul F., Hartman, Galloway, and Kunes. Galloway, Clarence T. Johanson, Magnus H., and Wildhaber. Wildhaber, Ernest.

Gleeson, Murray A., assignor to Crane Co., Chicago, Ill. Gasket. 2,401,923; June 11.

Gleisner, Walter J., assignor to W. C. Ritchie and Company, Chicago, Ill. Receptacle base. 2,404,485; July 23.

Glendenning, Everett B., Cranford, N. J., assignor to Shell Development Company, San Francisco, Calif. Burner. 2,393,897; Jan. 29.

Glenn, Howard A., assignee, et al.: *See*— Engeljohn, Alvin F.

Glenn, Richard A.: *See*— Shive, William, and Glenn.

Glennon, James B., U. S. Navy. Rising drifting mine. 2,412,770; Dec. 17.

Glennon, James B., A. H. Sellman, and W. R. Maltby, Washington, D. C. Magnetic controlling device. 2,397,137; Mar. 26.

Glennon, James B., Washington, D .C., and Robert H. Park, Pluckemin, N. J. Mine firing device and control means therefor. 2,400,549; May 21.

Glessner, Milton O., Salina, Kans. Handling granular materials. 2,409,270; Oct. 15.

Glickman, Benjamin, New York, N. Y. Shoulder pad. 2,405,030; July 30

Glidden, Alfred A., Watertown, and W. R. Hickler, Winthrop, Mass., assignors to The B. F. Goodrich Company, New York, N. Y. Ship-deck planking. 2,397,936; Apr. 9.

Glidden Company, The, assignee: *See*— Julian, Percy L., and Cole. Julian, Percy L., and Iveson. Levinson, Arthur A., Malter, and Julian. Mowlds, Kenneth S.

Glines, Carl R., Hamden, Conn., assignor to Charis Corporation, New York, N. Y. Foundation garment. 2,406,215; Aug. 20.

Global Press, Inc., assignee: *See*— Raisz, Erwin.

Globe Company, The, assignee: *See*— Blick, Frank J.

Globe Hoist Company, assignee: *See*— Thompson, Elmer B.

Globe Milker, Inc., assignee: *See*— Gessler, Frederick A.

Globe Products Manufacturing Company, assignee: *See*— Thomas, James C., III.

Globe, Samuel: *See*— Hilsenrath, Joseph, and Globe.

Globe-Union Inc., assignee: *See*— Ehler, George M., and Roup.

Globus, Alfred R., Brooklyn, N. Y. Producing acetaldehyde. 2,402,958; July 2.

Glock, Charles E.: *See*— Cooper, William B., and Glock.

Glogau, Richard C., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Explosive composition. 2,407,151; Sept. 3.

Gloor, Walter E., New Brunswick, N. J., assignor to Hercules Powder Company, Wilmington, Del. Molding compositions and articles thereof. 2,412,611; Dec. 17.

Glover, Alan M.: *See*— Janes, Robert B., and Glover.

Glover, Clarence D., Tampa, Fla. Lawn sprinkler. 2,399,112; Apr. 23.

Glover, George W., Schenectady, N. Y., assignor to General Electric Company. Electric switch. 2,399,920; May 7.

Glover, John E., Jr., Queens Village, N. Y., assignor to Republic Aviation Corporation. Aircraft structure. 2,399,732; May 7.

Glover, Robert C., and R. O. Childers, Olney, Ill., assignors to Baker Oil Tools, Inc., Vernon, Calif. Apparatus for supporting and cementing liners or casings in well bores. 2,411,260; Nov. 19.

Glover, Roland L., Lakewood, Ohio, assignor to National Carbon Company, Inc. Dry cell and manufacturing the same. 2,396,693; Mar. 19.

Glover, William C., Jr., Lee's Summit, Mo. Threading regulator for drill presses. 2,404,053; July 16.

Glowacki, William L.: *See*— Keeling, William O., and Glowacki.

Glowacki, William L., Pittsburgh, and C. F. Winans, Beaver, Pa., assignors, by mesne assignments, to Koppers Company, Inc. Separation of homologues of pyridine. 2,402,158; June 18.

Gluckman, Maxfield, Jackson Heights, N. Y. Swivel tier desk tray. 2,398,091; Apr. 9.

Gluesenkamp, Earl W., Centerville, Ohio, assignor to Monsanto Chemical Company. N-acyl derivatives of aminobiphenyls. 2,396,502; Mar. 12.

Glukes, Bernard R., assignor to The Kinney Company, Los Angeles, Calif. Construction toy. 2,406,759; Sept. 3.

Glush, Daniel P., and J. A. Clauss, Detroit, Mich., assignors to National Steel Corporation. Sheet stacker. 2,412,085; Dec. 3.

Gluyas, Thomas M., Jr., Collingswood, N. J., assignor to Radio Corporation of America. Open wire transmission line. 2,392,473; Jan. 8.

Gluyas, Thomas M., Jr., Collingswood, and L. J. Wolf, Audubon, N. J., assignors to Radio Corporation of America. Lobe switching antenna. 2,411,034; Nov. 12.

Glynn, Edwin A., assignor to Super Mold Corporation of California, Lodi, Calif. Dry concentrating table. 2,392,914; Jan. 15.

Glynn, Edwin A., assignor to Super Mold Corporation of California, Lodi, Calif. Drive mechanism for tire molds. 2,396,781; Mar. 19.

Godber, George R., Los Angeles, Calif. Construction for electric storage batteries. 2,407,826; Sept. 17.

Goddard, De Witt R., Riverhead, N. Y., assignor to Radio Corporation of America. Radio communication system. 2,392,586; Jan. 8.

Goddard, De Witt R., Riverhead, N. Y., assignor to Radio Corporation of America. Submarine detection. 2,402,391; June 18.

Goddard, De Witt R., Riverhead, N. Y., assignor to Radio Corporation of America. Sectional parabolic antenna system. 2,413,558; Dec. 31.

Goddard, Esther C., executrix: *See*— Goddard, Robert H.

Goddard, Myron C.: *See*— Dehn, Joseph W., and Goddard.

Goddard, Robert H.: *See*— Thompson, Louis T. E., and Goddard.

Goddard, Robert H., Roswell, N. Mex., assignor of one-half to The Daniel and Florence Guggenheim Foundation, New York, N. Y. Liquid feeding apparatus. 2,394,852; Feb. 12.

Goddard, Robert H., Roswell, N. Mex., assignor of one-half to The Daniel and Florence Guggenheim Foundation, New York, N. Y. Liquid storage tank. 2,394,853; Feb. 12.

Goddard, Robert H., Roswell, N. Mex., assignor of one-half to The Daniel and Florence Guggenheim Foundation, New York, N. Y. Mechanism for feeding combustion liquids to rocket apparatus. 2,395,113; Feb. 19.

Goddard, Robert H., Roswell, N. Mex., assignor of one-half to The Daniel and Florence Guggenheim Foundation, New York, N. Y. Rotating combustion chamber for rocket apparatus. 2,395,114; Feb. 19.

Goddard, Robert H., Roswell, N. Mex., assignor of one-half to The Daniel and Florence Guggenheim Foundation, New York, N. Y. Rotatable combustion apparatus for aircraft. 2,395,403; Feb. 26.

Goddard, Robert H., deceased, Roswell, N. Mex.; E. C. Goddard, executrix, assignor of one-half to The Daniel and Florence Guggenheim Foundation, New York, N. Y. Aerial propulsion apparatus. 2,395,404; Feb. 26.

Goddard, Robert H., Roswell, N. Mex., assignor of one-half to The Daniel and Florence Guggenheim Foundation, New York, N. Y. Landing apparatus for rocket craft. 2,395,405; Feb. 26.

Goddard, Robert H., Roswell, N. Mex., assignor of one-half to The Daniel and Florence Guggenheim Foundation, New York, N. Y. Combustion apparatus. 2,395,406; Feb. 26.

Goddard, Robert H., Roswell, N. Mex., assignor of one-half to The Daniel and Florence Guggenheim Foundation, New York, N. Y. Rocket directing apparatus. 2,395,809; Mar. 5.

Goddard, Robert H., Roswell, N. Mex., assignor of one-half to The Daniel and Florence Guggenheim Foundation, New York, N. Y. Apparatus for controlling acceleration and deceleration in aircraft. 2,396,321; Mar. 12.

Goddard, Robert H., Roswell, N. Mex., assignor of one-half to The Daniel and Florence Guggenheim Foundation, New York, N. Y. Rocket apparatus. 2,396,566; Mar. 12.

Goddard, Robert H., Roswell, N. Mex., assignor of one-half to The Daniel and Florence Guggenheim Foundation, New York, N. Y. Combustion apparatus. 2,396,567; Mar. 12.

Goddard, Robert H., Roswell, N. Mex., assignor of one-half to The Daniel and Florence Guggenheim Foundation, New York, N. Y. Apparatus for steering aircraft. 2,396,568; Mar. 12.

Goddard, Robert H., Roswell, N. Mex., assignor of one-half to The Daniel and Florence Guggenheim Foundation, New York, N. Y. Control mechanism for rocket apparatus. 2,397,657; Apr. 2.

Goddard, Robert H., Roswell, N. Mex., assignor of one-half to the Daniel and Florence Guggenheim Foundation, New York, N. Y. Combustion apparatus. 2,397,658; Apr. 2.

Goddard, Robert H., Roswell, N. Mex., assignor of one-half to The Daniel and Florence Guggenheim Foundation, New York, N. Y. Control mechanism for rocket apparatus. 2,397,659; Apr. 2.

Goddard, Robert H., deceased, Roswell, N. Mex.; E. C. Goddard, executrix, assignor of one-half to The Daniel and Florence Guggenheim Foundation, New York, N. Y. Propelling apparatus for aircraft. 2,397,998; Apr. 9.

Goddard, Robert H., deceased, Roswell, N. Mex.; E. C. Goddard, executrix, assignor of one-half to The Daniel and Florence Guggenheim Foundation, New York, N. Y. Propelling apparatus for aircraft. 2,397,999; Apr. 9.

Goddard, Robert H., deceased, Annapolis, Md.; E. C. Goddard, executrix, assignor of one-half to The Daniel and Florence Guggenheim Foundation, New York, N. Y. Combustion chamber. 2,405,785; Aug. 13.

Goddard, Robert H., Roswell, N. Mex., assignor of one-half to The Daniel and Florence Guggenheim Foundation, New York, N. Y. Feeding device for combustion chambers. 2,409,036; Oct. 8.

Goddard, Rupert, Havre de Grace, and F. R. Weaver, Edgewood Arsenal, Md. Spray tank for dispersing fluids from aircraft. 2,408,774; Oct. 8.

Goddin, Avery H., Newark, and N. E. Searle, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Mothproofing. 2,392,733; Jan. 8.

Godet, Sidney, Schenectady, N. Y., assignor to General Electric Company. Follow-up control system. 2,406,143; Aug. 20.

Godet, Sidney, Schenectady, N. Y., assignor to General Electric Company. Directive radio system. 2,412,612; Dec. 17.

Godet, Sidney, Albany, N. Y., assignor to General Electric Company. Follow-up control system. 2,407,876; Sept. 17.

Godoy, Albert L., Mexico City, Mexico. Closure for envelopes and the like. 2,400,406; May 14.

Godsey, Frank W., Jr., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Magnetic housing for electromagnetic devices. 2,399,343; Apr. 30.

Godsey, Frank W., Jr., Winkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Aircraft power plant. 2,404,954; July 30.

Godsey, H. Mitchell, Crockett, Tex. Combined wheel rim and pneumatic tire. 2,410,209; Oct. 29.

Godwin, Gordon, Montreal, Quebec, assignor to The Ontario Paper Company Limited, Thorold, Ontario, Canada. Trailer. 2,405,299; Aug. 6.

Goebel, George, deceased, by H. Goebel, administratrix, and H. A. Rau, assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Article handling apparatus. 2,408,019; Sept. 24.

Goebel, Helene: *See*— Goebel, George H., and Rau.

Goebel, Lawrence M.: *See*— Goebel, Paul L., and L. M.

Goebel, Paul L., Marietta, Ohio, and L. M. Goebel, Parkersburg, W. Va. Engine. 2,397,734; Apr. 2.

Goehmann, Maurice H., Dearborn, Mich., assignor, by mesne assignments, to United States of America. Recoilless mechanism for guns and mortars. 2,406,537; Aug. 27.

Goepfert, George J., and R. H. Rushmer, assignors to The Carborundum Company, Niagara Falls, N. Y. Abrasive article and manufacturing the same. 2,397,101; Mar. 26.

Goepfert, Jane P.: *See*— Rowe, Robert G., and Goepfert.

Goepfert, Otto F., Brevard, N. C., assignor to Endless Belt Corporation. Belt processing machine. 2,392,817; Jan. 15.

Goepfert, Otto F., Brevard, assignor, by mesne assignments, to Champagne Paper Corporation, Pisgah Forest, N. C. Feed control device. 2,402,037; June 11.

Goepfert, Otto F., W. K. Straus, and R. H. Clayton, Jr., Brevard, N. C., assignors to Champagne Paper Corporation. Cigarette paper booklet. 2,400,301; May 14.

Goepfert, Werner F., Oradell, N. J., assignor to Interchemical Corporation, New York, N. Y. Production of sugar cane wax. 2,391,893; Jan. 1.

Goepfert, Werner F., Oradell, N. J., assignor to Interchemical Corporation, New York, N. Y. Black printing inks. 2,392,376; Jan. 8.

Goepfert, Werner F., Oradell, N. J., assignor to Interchemical Corporation, New York, N. Y. Induline ink toners and carbon inks. 2,392,657; Jan. 8.

Goepfert, Werner F, Oradell, N. J., assignor to Interchemical Corporation, New York, N. Y. Methyl violet ink toners and carbon inks. 2,392,658; Jan. 8.

Goepfrich, George A., South Bend, Ind. Gun charger. 2,408,624; Oct. 1.

Goepfrich, George A., assignor to Bendix Aviation Corporation, South Bend, Ind. Gun charging mechanism. 2,413,104; Dec. 24.

Goepfrich, Rudolph A., South Bend, Ind. Retaining device. 2,392,242; Jan. 1.
Goepfrich, Rudolph A., South Bend, Ind. Brake construction. 2,400,043; May 7.
Goepfrich, Rudolph A., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake actuator. 2,400,042; May 7.
Goepfrich, Rudolph A., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake construction. 2,404,054; July 16.
Goepp, Rudolph M., Jr., New Castle, assignor to Atlas Powder Company, Wilmington, Del. Cellulose ester composition. 2,394,439; Feb. 5.
Goerg, Alfred J., Port Angeles, Wash. Pack board. 2,394,300; Feb. 5.
Goerg, Bernard, Bronxville, assignor to American Radiator & Standard Sanitary Corporation, New York, N. Y. Heating apparatus. 2,392,587; Jan. 8.
Goering, Kenneth J., Ames, Iowa, assignor to Anheuser-Busch, Incorporated, St. Louis, Mo. Recovering sterols from yeast and other cellular material. 2,395,115; Feb. 19.
Goessel, Donald C., Milwaukee, Wis. Staple puller. 2,400,988; May 28.
Goetz, Manrus T., assignor to Teletype Corporation, Chicago, Ill. Printing telegraph apparatus. 2,394,167; Feb. 5.
Goetz, Manrus T., assignor to Teletype Corporation, Chicago, Ill. Printing telegraph apparatus. 2,394,681; Feb. 12.
Goetz, Paul C.: *See*—
Tiger, Howard L., and Goetz.
Goetz, Paul C., Mount Holly, N. J., assignor to The Permutit Company, New York, N. Y. Removal of silica from water. 2,401,924; June 11.
Goetze, Ernest A.: *See*—
Britt, Vernon E., and Goetze.
Goetze Gasket & Packing Co., Inc., assignee: *See*—
Dunkle, Heber H.
Goff, Harold W., Manhasset, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Mechanical drive device. 2,406,012; Aug. 20.
Goga, George F., Kenmore, N. Y. Monorail tractor. 2,394,168; Feb. 5.
Gohr, Edwin J.: *See*—
Martin, Homer Z., Murphree, Gohr, and Graham.
Goland, Philip P., and C. R. Drew, Washington, D. C., assignors of two-fifths to P. P. Goland, two-fifths to C. R. Drew, as trustee, and one-fifth to A. D. Kessler. Surgical suction apparatus. 2,397,257; Mar. 26.
Gold, John D., and C. D. Foulke, Steubenville, Ohio, assignors to National Steel Corporation. Heat treatment of thin metal articles. 2,393,363; Jan. 22.
Goldberg, Abraham A., Miami, Fla. Light amplifying attachment for neon tubes. 2,404,627; July 23.
Goldberg, Ben W., assignee: *See*—
Armathes, Joseph F.
Goldberg, Edwin A.: *See*—
Rajchman, Jan A., and Goldberg.
Goldberg, Harold, Irondequoit, assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Plan position indicator system. 2,395,966; Mar. 5.
Goldberg, Harold, Irondequoit, and W. C. Thompson, assignors to Stromberg-Carlson Company, Rochester, N. Y. Combined amplifier and power supply circuit. 2,403,716; July 9.
Goldberg, Harold, Irondequoit, and W. C. Thompson, assignors to Stromberg-Carlson Company, Rochester, N. Y. Synchronizing arrangement for locator system. 2,405,930; Aug. 13.
Goldberg, Joseph H., Chicago, Ill., assignor to Drink-O-Matic Co. Carbonating device. 2,402,132; June 18.
Goldberg, Leon J., Schenectady, N. Y., assignor to General Electric Company. Electromagnet. 2,406,216; Aug. 20.
Goldberg, Sydney J.: *See*—
Klemperer, Wolfgang B., and Goldberg.
Golden, Harry, New York, N. Y. Auto mirror bracket. 2,411,421; Nov. 19.
Golden, Lucius D., and J. K. Gregg, Richmond, assignors to The Perfect Circle Company, Hagerstown, Ind. Antidetonation apparatus for automotive engines. 2,408,846; Oct. 8.
Golden, Milton E., Chicago, Ill. Making hollow flexible boots. 2,411,874; Dec. 3.
Golden State Company, Ltd., assignee: *See*—
Sharp, Paul F.
Goldfield, Edwin R., and R. J. Stava, University Heights, assignor to Picker X-Ray Corporation, Waite Manufacturing Division, Inc., Cleveland, Ohio. Eye bending device. 2,393,364; Jan. 22.
Goldfinger, George, Brookline, assignor to Godfrey L. Cabot, Inc., Boston, Mass. Treating styrene and other monomers used in polymerization processes. 2,412,504; Dec. 10.
Goldfrank, Max: *See*—
Caesar, George V., and Goldfrank.
Goldich, Herbert, assignor of one-half to J. C. Flax, Springfield, Mass. Record container. 2,402,746; June 25.
Goldie, Rowland J., and C. L. Wilber, assignors to The Timken-Detroit Axle Company, Detroit, Mich. Gear and making it. 2,393,628; Jan. 29.
Golding, Suzanne, New York, N. Y. Suction pad. 2,392,377; Jan. 8.
Goldman, Benjamin, New York, N. Y. Double duty clothesline. 2,394,301; Feb. 5.
Goldman, Joseph, New Brunswick, N. J., assignor to Fibre Products Laboratories, Inc. Fibrous structural material and method and apparatus for making same. 2,407,548; Sept. 10.
Goldman, Paul R., Andover, assignor to Plymold Corporation, Lawrence, Mass. Manufacture of tubular structures. 2,393,898; Jan. 29.
Goldman, Paul R., Andover, assignor to Plymold Corporation, Lawrence, Mass. Lamellar tubing construction. 2,402,039; June 11.
Goldman, Paul R., Andover, assignor to Plymold Corporation, Lawrence, Mass. Wood tubing and the like. 2,402,040; June 11.
Goldman, Paul R., Andover, assignor to Plymold Corporation, Lawrence, Mass. Telescopic tubular plywood mast and making the same. 2,412,678; Dec. 17.
Goldman, Paul R., Andover, and R. Alt, assignors to Plymold Corporation, Lawrence, Mass. Wood tubing manufacture. 2,402,038; June 11.
Goldman, Stanford, Fairfield, Conn., assignor to General Electric Company. Locating equipment. 2,399,017; Apr. 23.
Goldman, Sylvan N., Oklahoma City, Okla. Bottle carrier. 2,396,003; Mar. 5.
Goldmark, Peter C., assignor to Columbia Broadcasting System, Inc., New York, N. Y. Color television. 2,406,760; Sept. 3.
Goldowski, Natacha, assignor to Welding Research, Inc., Chicago, Ill. Cleaning aluminum. 2,409,271; Oct. 15.
Goldrick, Richard M., Arlington, and B. M. Marks, Newark, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Visible light transparent plastic. 2,403,794; July 9.
Goldsborough, Shirley L.: *See*—
Mehring, Arthur C., Lensner, and Goldsborough.
Goldsborough, Shirley L., Basking Ridge, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Relay. 2,393,983; Feb. 5.
Goldsborough, Shirley L., Basking Ridge, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Long-line fault detector and relaying system. 2,404,955; July 30.
Goldsborough, Shirley L., Basking Ridge, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Simplified ground relay. 2,408,208; Sept. 24.
Goldsby, Arthur R.: *See*—
Smith, William R., and Goldsby.
Goldsby, Arthur R., Beacon, assignor, by mesne assignments, to The Texas Company, New York, N. Y. Manufacture of high antiknock hydrocarbons. Re. 22,786; Sept. 3.
Goldsby, Arthur R., Beacon, assignor to Texaco Development Corporation, New York, N. Y. Manufacture of motor fuels. 2,391,962; Jan. 1.
Goldschmidt, Rudolf, Sheffield, England. Percussion tool. 2,407,604; Sept. 10.
Goldschmidt, Rudolf, Sheffield, England, assignor to Radio Patents Corporation. Electromagnetic sound-transmission apparatus. 2,402,392; June 18.
Goldsmith, Alfred N., New York, N. Y. Impulse counting and selecting device. 2,401,729; June 11.
Goldsmith, Alfred N., assignor to Radio Corporation of America, New York, N. Y. Television system. 2,398,705; Apr. 16.
Goldsmith, Alfred N., assignor to Radio Corporation of America, New York, N. Y. Secret communication system. 2,405,252; Aug. 6.
Goldsmith, Bertram J., Neahanic, N. J. Hypodermic injection device. 2,403,074; July 2.
Goldsmith Brothers Manufacturing Co., Inc., assignee: *See*—
Berkowitz, Victor.
Goldsmith, Francis H.: *See*—
Dally, Roy, Goldsmith, and Munroe.
Goldsmith, George R., Girraween Grove, Ashgrove, Brisbane, Queensland, Australia. Refrigerant evaporator. 2,407,827; Sept. 17.
Goldsmith, Philip H., Wilmington, Del. Paper machine headbox. 2,393,244; Jan. 22.
Goldsmith, Philip H., New Rochelle, N. Y. Making paper on cylinder mold type paper machines. 2,412,771; Dec. 17.
Goldsmith, Thomas R., Buffalo, N. Y., assignor, by mesne assignments, to Super Tool Company, Macomb County, Mich. Milling cutter. 2,411,784; Nov. 26.
Goldstein, David D., Pittsburgh, Pa. Sandal. 2,412,808; Dec. 17.
Goldstein, Ladislas: *See*—
Feuer, Irving, and Goldstein.
Goldstein, Ladislas, and F. Perrin, assignors to Canadian Radium & Uranium Corporation, New York, N. Y. Condenser-resistor. 2,395,623; Feb. 26.
Goldstein, Maxwell K., Washington, D. C. Phase type direct indicating direction finder. 2,405,203; Aug. 6.
Goldstein, William V., Freehold, and L. Shooman, Belmar, N. J. Striker toy. 2,403,522; July 9.
Goldstine, Hallan E., Port Jefferson, N. Y., assignor to Radio Corporation of America. Ultra-short wave communication system. 2,396,096; Mar. 5.

Goldthwait, Charles F., New Orleans, La., assignor to the United States of America, as represented by the Secretary of Agriculture. Making cotton fabrics with differential elastic properties. 2,404,837; July 30.
Goldthwaite, John L.: *See*—
Gardiner, Arthur W., and Goldthwaite.
Goldwasser, Seymore: *See*—
Laying, Edwin T., and Goldwasser.
Goldwyn Brothers, assignee: *See*—
Polimac, Emeric.
Goldwyn, George I., assignee, et al.: *See*—
Polimac, Emeric.
Goldwyn, Herman, assignee, et al.: *See*—
Polimac, Emeric.
Golfieri, Amelia, New York, N. Y. Lady's scarf. 2,413,318; Dec. 31.
Golfieri, Amelia, New York, N. Y. Scarf-capuchin. 2,413,319; Dec. 31.
Golick, Alexander J.: *See*—
Galber, Harry, and Golick.
Golick, Julian J.: *See*—
Briskin, Theodore S., Zivny, Schellschmidt, and Golick.
Golkowski, Floyd F., Cleveland, Ohio. Insect excluding sliding windows. 2,406,761; Sept. 3.
Gollin, Geoffrey J.: *See*—
Lubbock, Isaac, Gollin, Lindsay, and Poole.
Gollwitzer, Walter T., Euclid, assignor to Addressograph-Multigraph Corporation, Cleveland, Ohio. Printing machine. 2,405,786; Aug. 13.
Gollwitzer, Walter T., Euclid, assignor to Addressograph-Multigraph Corporation, Cleveland, Ohio. Printing machine. 2,410,935; Nov. 12.
Goloh, John E., and A. D. Dircksen, Dayton, Ohio. Electric lamp. 2,399,921; May 7.
Golrick, Albert R., Cleveland Heights, Ohio. Method of and apparatus for transferring loads from loaded pallets to industrial trucks. 2,394,693; Feb. 12.
Gomberg, Henry J.: *See*—
Dow, William G., Early, and Gomberg.
Gomersall, John R., Elgin, and M. Ireland, near Elgin, assignors to McGraw Electric Company, Elgin, Ill. Automatic electric toaster compensator for variable voltage current supply. 2,412,727; Dec. 17.
Gonella, Bruno: *See*—
Staples, Elliott E., and Gonella.
Gonella, Louis H.: *See*—
Laird, Royal B., and Gonella.
Gonser, Bruce W.: *See*—
Kreber, Frank W., Gonser, and Schaffert.
González, Alberto A., San Francisco, Calif. Automobile illuminating arrangement. 2,403,856; July 9.
González, Juan B., Lares, Puerto Rico. Safety match splitting device. 2,396,322; Mar. 12.
González, Pedro A., Mayaguez, P. R. Money box. 2,401,065; May 28.
Gooch, Stapleton D., Lake Wales, assignor to Pembroke Chemical Corporation, Pembroke, Fla. Fertilizer. 2,395,219; Feb. 19.
Good, Charles A., San Francisco, Calif. Electrical connector. 2,402,279; June 18.
Good, John N.: *See*—
Nelson, Claude A., Good, and De Salardi.
Good, John N., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Control mechanism. 2,395,180; Feb. 19.
Good, John N., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Interlock apparatus. 2,407,877; Sept. 17.
Good, Walter A., Washington, D. C., assignor to United States of America as represented by the Secretary of the Navy. Unshorting switch. 2,395,782; Feb. 26.
Goodale, Lynn C., assignor to Federal Telephone and Radio Corporation, Newark, N. J. Producing vacuum tube electrodes. 2,410,060; Oct. 29.
Goodale, Lynn C., assignor to Federal Telephone and Radio Corporation, Newark, N. J. Sealing lead-in conductors. 2,410,061; Oct. 29.
Goodale, Walter D., Jr., Convent Station, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Submarine signaling system. 2,411,537; Nov. 26.
Goodale, Walter D., Jr., Convent Station, N. J., B. F. Lewis, Bayside, N. Y., and W. H. Martin, Summit, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. System for locating the source of an explosion wave. 2,403,974; July 16.
Goodale, Walter D., Jr., Convent Station, and F. F. Romanow, Summit, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signal translating device. 2,405,605; Aug. 13.
Goodall-Sanford, Inc., assignee: *See*—
Clark, Frank W.
Riding, Thomas.
Goodall, William M., Oakhurst, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Position determining system. 2,408,773; Oct. 8.
Goodall Worsted Company, The, assignee: *See*—
Giuseffi, Jerome.
Goodby, William T., assignor to The Bristol Aeroplane Company Limited, Bristol, England. Screw-threaded member. 2,407,741; Sept. 17.
Goodchild, Frank D., assignor to Standard Telephones and Cables Limited, London, England. Electron discharge device. 2,395,043; Feb. 19.
Goodchild, Frank D., London, W. C. 2, assignor to Standard Telephones and Cables Limited, London, England. Electron discharge device. 2,406,827; Sept. 3.
Goodchild, Frank D., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Electron discharge apparatus. 2,411,538; Nov. 26.
Goode, Russell F., Flint Hill, Va., assignor of one-half to J. E. Keyser, Washington, Va. Vaporizing tank. 2,400,821; May 21.
Goodfriend, Irving F., assignee: *See*—
Holtzman, John.
Goodhue, Lyle D., Berwyn, Md., assignor to United States of America as represented by Claude R. Wickard, Secretary of Agriculture and his successors in office. Device for producing aerosols. 2,412,728; Dec. 17.
Gooding, Francis H., Lodi, assignor to The Okonite-Callender Cable Company, Incorporated, Paterson, N. J. Buoyant cable and electrode therefor. 2,396,269; Mar. 12.
Gooding, Francis H., Lodi, and B. Levinson, East Paterson, assignors to The Okonite-Callender Cable Company, Incorporated, Paterson, N. J. Buoyant electric cable. 2,396,270; Mar. 12.
Gooding, Francis H., Lodi, and P. L. Sipp, Jr., Ridgewood, assignors to The Okonite-Callender Cable Company, Incorporated, Paterson, N. J. Buoyant electric cable. 2,396,272; Mar. 12.
Goodings, Eric P., and M. A. T. Rogers, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Manufacture of new coloring matters. 2,410,604; Nov. 5.
Goodlass Wall & Lead Industries Limited, assignee: *See*—
Butcher William T., and Lloyd.
Read, Norman J.
Goodloe, Alfred M., Montclair, assignor to Metal Textile Corporation, West Orange, N. J. Oil bath air filter. 2,400,347; May 14.
Goodman, Adolph, Brooklyn, N. Y. Over and under scale. 2,405,497; Aug. 6.
Goodman, Henry G., Jr., Pittsburgh, Pa., assignor to Carbide and Carbon Chemicals Corporation. Endoalkylene hydroaromatic acids. 2,399,344; Apr. 30.
Goodman, Henry G., Jr., Pittsburgh, Pa., assignor to Carbide and Carbon Chemicals Corporation. Esters of endoalkylene hydroaromatic acids. 2,399,345; Apr. 30.
Goodman, Mac, New York, N. Y. Producing luminescent zinc sulphide. 2,405,031; July 30.
Goodman Manufacturing Company, assignee: *See*—
Beck, William R.
Bledess, Anthony R.
Cartlidge, Frank.
Craig, Ernest.
Doberstein, Edward J.
Eberle, Herman R.
Hagenbook, Loy D.
Sloane, William W.
Slomer, Joseph J.
Stoltz, Charles E.
Wood, Frank J.
Goodman, Morris, Lincoln, Nebr. Steering apparatus. 2,394,854; Feb. 12.
Goodman, Robert, and H. J. Jacoby, New York, N. Y. Conical type level luffing device for derricks and jib cranes. 2,401,238; May 28.
Goodmans Industries Limited, assignee: *See*—
Miller, John W.
Goodnow, Edward A.: *See*—
Starr, James H., and Goodnow.
Goodrich, B. F., Company, The, assignee: *See*—
Antonson, John O.
Bell, Millard R.
Campbell, Robert G.
Colley, Russell S.
Colley, Russell S., Krupp, and Shook.
Collins, Arthur E.
Compton, Jack.
Craig, David.
Crawford, Richard A.
Davis, Herbert L.
Evans, Benjamin A.
Freeman, Walter B., and Lindemann.
Fryling, Charles F.
Garvey, Benjamin S.
Gibbs, Carlin F.
Gill, Ray H.
Glidden, Alfred A., and Hickler.
Gresham, Thomas L., and Shaver.
Grinter, Herahel W., and Gross.
Gross, Malcolm E.
Haushalter, Fred L.
Herzegh, Frank.
Hollerith, Charles.
Hunter, Willson H.
Jones, Paul C., and Mathes.
Keller, Russell J.
Krotz, Alvin S.
Krupp, Carroll P.
Leguillon, Charles W.
Leguillon, Charles W., and Krotz.

Goodrich, B. F., Company, The, assignee: *See*—Continued
Leguillon, Charles W., and Krupp.
Mathes, Roger A.
Mathes, Roger A., and Jones.
McNabb, Frederick L.
Miller, Henry P.
Niessen, Paul F., and Cox.
Pfau, Emert S.
Phillips, Warren E.
Sarbach, Donald V.
Sauser, Doran E.
Scharenberg, Elmer M.
Schoenfeld, Frank K.
Sears, William C.
Semegen, Stephen T.
Semon, Waldo L.
Skeyhan, Fred G.
Slingluff, Eugene L., and Scheu.
Slusher, Frank.
Smisko, John.
Sprigg, Edward A.
Sternad, Frank S.
Strong, Walter J.

Goodrich, Chauncey M., Windsor, Ontario, assignor to The Canadian Bridge Company Limited, Walkerville, Ontario, Canada. Construction of piers. 2,410,778; Nov. 5.

Goodrich, Frank W., Newark, N. J., assignor to American Can Company, New York, N. Y. Cutting device. 2,405,204; Aug. 6.

Goodrich, Morris D., San Diego, Calif. Heavy-duty hand truck. 2,398,584; Apr. 16.

Goodridge, Clarence E., Campbell, Calif. Hand plane. 2,395,268; Feb. 19.

Goodson, Barrett L.: *See*—
Montgomery, James V., Goodson, and Henry.

Goodwillie, John E., assignor to Beloit Iron Works, Beloit, Wis. Papermaking machinery. 2,396,695; Mar. 19.

Goodwillie, John E., and E. E. Berry, assignors to Beloit Iron Works, Beloit, Wis. Cylinder type papermaking machine and method. 2,396,694; Mar. 19.

Goodwin, George E.: *See*—
Cannon, Frank J., and Goodwin.

Goodwin, George S., Chicago, Ill. Railway car truck. 2,394,238; Feb. 5.

Goodwin, Lester C., Hornell, N. Y. Trailer hitch. 2,397,001; Mar. 19.

Goodwin, Percy E., Salmon, Idaho. Load pickup hauling and dumping conveyance. 2,409,752; Oct. 22.

Goodyear Aircraft Corporation, assignee: *See*—
Nielsen, James S.
Nielsen, James S., and Mitchella.

Gookin, Sylvester L., Quincy, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Grommet and washer assemblage. 2,393,984; Feb. 5.

Gookin, Sylvester R., Marshfield, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Eyeleting machine. 2,410,495; Nov. 5.

Goosmann, Herman W., Grand Rapids, Mich. Trestle. 2,412,395; Dec. 10.

Goossen, Henry H.: *See*—
Proudman, Chester F., and Goossen.

Gopperton, Ardath A.: *See*—
Metzner, Albert W., and Gopperton.

Gorad, Samuel, and P. F. Jacobs, New York, N. Y. Combined check sorting and photographing apparatus. 2,393,462; Jan. 22.

Goranson, Roy W.: *See*—
Bancroft, Dennison, and Goranson.

Gorden, Walter L.: *See*—
Mall, Arthur W., and Gorden.

Gorder, John R., Bismarck, N. Dak. Illuminating device. 2,407,829; Sept. 17.

Gordon, Alexander L.: *See*—
Hills, Leander H., and Gordon.

Gordon, Charles W., Glen Ellyn, Ill., assignor to Combustion Engineering Company, Inc., New York, N. Y. Drying apparatus. 2,393,766; Jan. 29.

Gordon, Donald B.: *See*—
Halicki, William A., and Gordon.

Gordon, George C., and E. F. Blackwelder, Rio Vista, Calif., assignors of twenty-one and one-fourth per cent to C. A. Loucks, thirty-six and one-fourth per cent to L. K. Schmidt, twenty-one and one-fourth per cent to A. M. Longeneel, and twenty-one and one-fourth per cent to G. P. Du Bose. Beet harvester. 2,405,205; Aug. 6.

Gordon, John C.: *See*—
Kinnear, Reginald A., Chamberlain, McCanne, Fails, and Gordon.

Gordon, Louis J., Chicago, Ill. Scriber. 2,400,407; May 14.

Gordon, Philip L., New York, N. Y. Preparation of pressure-sensitive adhesive. 2,394,440; Feb. 5.

Gordon, Reuben, Seattle, Wash., now by judicial change of name to Robert Gordon. Wire stripping machine. 2,401,149; May 28.

Gordon, Richard F., Liverpool, England. Mounting the traveling wheels of road vehicles. 2,401,683; June 4.

Gordon, Robert, judicial change of name: *See*—
Gordon, Reuben.

Gordon, Robert B.: *See*—
Scott, Howard, and Gordon.

Gordon, Victor J., London, England. Hair piece, toupee, or wig. 2,393,858; Jan. 29.

Gore, Albert J., Washington, D. C. Buckle or coupler. 2,392,659; Jan. 8.

Gorham, John E., Spring Lake, and A. W. Frevert, South Belmar, N. J., assignors to the Government of the United States of America, as represented by the Secretary of War. Modulator. 2,391,894; Jan. 1.

Gorin, Everett: *See*—
Gorin, Manuel H. and E., Sharp, and Welinsky.

Gorin, Everett, Dallas, Tex., assignor to Socony-Vacuum Oil Company, Incorporated. Conversion of normally gaseous hydrocarbons. 2,396,697; Mar. 19.

Gorin, Everett, Dallas, Tex., assignor, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Preparation of halides. 2,404,055; July 16.

Gorin, Everett, Dallas, Tex., assignor, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Hydrocarbon conversion process. 2,407,528; Sept. 17.

Gorin, Everett, and A. G. Oblad, Dallas, Tex., assignors, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Manufacture of isoprene. 2,404,056; July 16.

Gorin, Manuel H., Dallas, Tex., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Alkylation. 2,401,925; June 11.

Gorin, Manuel H. and E., and L. G. Sharp, Dallas, Tex., and I. H. Welinsky, Claymont, Del., assignors, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Polymer reforming. 2,401,865; June 11.

Gorin, Manuel H., and W. Swerdloff, Dallas, Tex., assignors, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Separation and recovery of soluble catalyst in hydrocarbon conversion reactions. 2,412,143; Dec. 3.

Goris, William R.: *See*—
Faige, Robert N., Onksen, and Goris.

Gorka, Elynor D., and M. B. Gideon, Kansas City, Mo. Needle threading instrument. 2,412,505; Dec. 10.

Gorn, Elmer J., assignor to Raytheon Manufacturing Company, Newton, Mass. Television receiving system. 2,411,155; Nov. 19.

Gorrell, John E., Newton Center, and A. S. Thyberg, Melrose, Mass.; said Thyberg assignor to said Gorrell. Carrier apparatus. 2,396,368; Mar. 12.

Gorrill, William S.: *See*—
Hull, Harvard L., Gorrill, and Frost.

Gorton, George, Machine Co., assignee: *See*—
Miller, Theodore.

Gorton, Paul T., Grosse Pointe, assignor of fifty per cent to H. S. Pierce, Detroit, Mich. Alarm device for automobiles. 2,407,073; Sept. 3.

Gorton-Pew Fisheries Company, Ltd., assignee: *See*—
Hempel, Herbert.

Gorton, Walter T., Springfield, Mass. Gun. 2,395,044; Feb. 19.

Gorzelany, Thomas, Mount Clemens, Mich. Quick acting vise. 2,401,066; May 28.

Goshorn, Roland H., Trenton, Mich., assignor to Sharples Chemicals Inc., Philadelphia, Pa. Manufacture of amines. 2,394,515; Feb. 5.

Goshorn, Roland H., Trenton, Mich., assignor to Sharples Chemicals Inc., Philadelphia, Pa. Manufacture of amines. 2,394,516; Feb. 5.

Goss, Norman P., Youngstown, Ohio, and E. E. Bowen, Follansbee, W. Va., assignors to The Cold Metal Process Company, Youngstown, Ohio. Container stock or the like. 2,393,528; Jan. 22.

Goss, Oliver P. M.: *See*—
Goss, Worth C. and O. P. M.

Goss Printing Press Company, The, assignee: *See*—
Crafts, Curtis S., and Harless.
Edwards, James H.
Foster, Frank A.
Taylor, Auburn, and Worthington.
Whitehead, William A.

Goss, Worth C., Seattle, Wash., assignor to William A. Carlisle, Jr. Calcining coal for production of an activated primary carbon. 2,407,268; Sept. 10.

Goss, Worth C. and O. P. M., assignors to W. A. Carlisle, Sr., Seattle, Wash. Activating primary carbon. 2,405,206; Aug. 6.

Gosswiller, Earl W., Chicago, Ill., assignor to R. A. Wilsey, as executrix of the Last Will and Testament of I. H. Wilsey. Panoramic type gunnery trainer. 2,392,142; Jan. 1.

Gothard, Thomas J., Los Angeles, Calif. Fog nozzle. 2,408,511; Oct. 1.

Gottesman, Herman: *See*—
Wolff, Barry S., and Gottesman.

Gottfried, Louis, Bronx, N. Y. Baby chair. 2,409,622; Oct. 22.

Gottholm, Carl G., Malden, Mass. Bridge guard. 2,392,529; Jan. 8.

Gottler, Thomas L., Princeton, N. J., assignor to Radio Corporation of America. Receiving system for electric waves. 2,394,544; Feb. 12.

Gottlieb, Elias, New York, N. Y. Remover for sweep wheels or the like for repairing watches. 2,403,216; July 2.

Gottlieb, Hans B.: *See*—
Deinet, Joseph, and Gottlieb.
Lee, Henry R., Deinet, and Gottlieb.

Gottlieb, Robert: *See*—
Sherman, Albert, and Gottlieb.

Gottlieb, Robert, Newport News, Va., assignor of one-half to A. Sherman, Bronx, N. Y. Milling tool. 2,393,463; Jan. 22.

Gottschalk, Emil, New York, N. Y. Making rubber footwear. 2,412,042; Dec. 3.

Gottschalk, Lionel J., New Orleans, La. Clothes washing machine. 2,411,654; Nov. 26.

Goudime-Levkovitsch, Paul, Wentworth, assignor to Simmonds Aerocessories Limited, London, England. Computer of the slide rule type. 2,410,210; Oct. 29.

Gouge, Arthur, London, assignor to Saunders-Roe Limited, East Cowes, England. Flying boat base. 2,399,483; Apr. 30.

Gouge, Arthur, assignor to Short Brothers (Rochester & Bedford) Limited, Rochester, England. Wing lift modification. 2,404,956; July 30.

Gough, Achilles C., Pocatello, Idaho. Electrode holder. 2,406,365; Aug. 27.

Gough, James J., assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Portable electric heater. 2,410,211; Oct. 29.

Gould, Clarence D., Bronx, N. Y., assignor to Talon, Inc Reversible automatic lock slider. 2,405,883; Aug. 13.

Gould, Harry I., assignor of one-half to A. M. Krall, St. Louis, Mo. Garden and lawn rake. 2,412,980; Dec. 24.

Gould, Russell L., Shirley Center, Mass. Candle holder. 2,393,767; Jan. 29.

Gould, William L., Albany, N. Y. Type cleaner for typewriting machines. 2,394,855; Feb. 12.

Gould, William L., Albany, N. Y. Door or window construction. 2,396,648; Mar. 19.

Gould, William L., Albany, N. Y. Electric iron. 2,408,209; Sept. 24.

Goulding, John P.: *See*—
Lecher, Hans Z., and Goulding.
Lecher, Hans Z., Goulding, and Parker.

Goulds Pumps, Inc., assignee: *See*—
Landberg, Erik G.
Mann, John.

Government of the United Kingdom of Great Britain and Northern Ireland, The Minister of Supply in His Majesty's, assignee: *See*—
Clothier, William C., Naylor, and Dunning.

Government of the United States of America, assignee: *See*—
Carson, Robert H.
Ringle, Donald F.

Goza, Charles A., assignor of one-half to H. E. Herbert, Los Angeles, and one-half to G. F. Notterman, Alhambra, Calif. Shopping bag carrier. 2,394,050; Feb. 5.

Grabash, Peter J., Middletown, Pa. Airplane wheel turning device. 2,412,884; Dec. 17.

Grabb, Raymond W.: *See*—
Boyles, Harry, and Grabb.

Grabbe, Eugene M.: *See*—
Mooney, Melvin, Grabbe, and Havens.

Grabovsky, Max, Brooklyn, N. Y. Aid to swimmers. 2,401,239; May 28.

Grabowsky, Murray G., assignor to R. J. Ederer Company, Chicago, Ill. Making net. 2,408,308; Sept. 24.

Grace, Bertram B., J. Handley, and G. Gilliver, London, England, assignors, by mesne assignments, to International Standard Electric Corporation, New York, N. Y. Mounting jewels for instrument bearings. 2,396,462; Mar. 12.

Grace, Bertram B., J. Handley, and G. Gilliver, London, England, assignors, by mesne assignments, to International Standard Electric Corporation, New York, N. Y. Electrical measuring instrument. 2,408,060; Sept. 24.

Grace, Laurence G.: *See*—
Voyle, John R., and Grace.

Grace, Theodore E., Detroit, Mich. Propeller mounting. 2,393,158; Jan. 15.

Gracia, Albert J., Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Akron, Ohio. Removing inhibitors. 2,410,779; Nov. 5.

Gracia, Albert J., Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Akron, Ohio. Treatment of guayule. 2,410,780; Nov. 5.

Gracia, Albert J., Cuyahoga Falls, and Henry V. Powers, Tallmadge, Ohio, assignors to Wingfoot Corporation. Treatment of guayule. 2,410,781; Nov. 5.

Grad, Adolf R.: *See*—
Ferris, Walter, and Grad.

Grad, Adolf R., Wauwatosa, assignor to The Oilgear Company, Milwaukee, Wis. Broaching machine. 2,400,691; May 21.

Grade Crossing Guard Corporation, assignee: *See*—
Nampa, Sulo M.

Gradisar, Albin A., Buffalo, N. Y., assignor, by mesne assignments, to American Optical Company, Southbridge, Mass. Sharpening machine. 2,402,155; June 18.

Gradisar, Albin A., Buffalo, N. Y., assignor, by mesne assignments, to American Optical Company, Southbridge, Mass. Device for forming slits. 2,408,512; Oct. 1.

Gradisar, Albin A., Buffalo, and M. G. Brown, Williamsville, N. Y., assignors, by mesne assignments, to American Optical Company, Southbridge, Mass. Hemoglobinometer. 2,396,260; Mar. 12.

Gradisar, Albin A., and G. E. Guellich, Buffalo, N. Y., assignors, by mesne assignments, to American Optical Company, Southbridge, Mass. Optical viewing and illuminating device. 2,406,538; Aug. 27.

Graebe, Herman C., Bridgewater, assignor to Carver Cotton Gin Company, Division of The Murray Company, East Bridgewater, Mass. Lathe adapter. 2,403,175; July 2.

Graef, John N., Ann Arbor, Mich. Camera. 2,406,366; Aug. 27.

Graenacher, Charles: *See*—
Albrecht, Otto, Graenacher, Sallmann, and Rossi.

Graenacher, Charles, and J. Frei, Riehen, and J. Meyer, assignors to the Swiss firm of Society of Chemical Industry in Basle, Basel, Switzerland. Sulphonated ethers. 2,399,434; Apr. 30.

Graenacher, Charles, Riehen, and R. Sallmann, Gelterkinden, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Condensation products of thiourea compounds. 2,411,655; Nov. 26.

Graetz, Kermit, Verona N. J. Toy ski jumper. 2,404,572; July 23.

Graf, Ernest, Philadelphia, Pa., assignor to The Electric Storage Battery Co. Storage battery container. 2,396,323; Mar. 12.

Graf, Willi, assignor to Maag-Zahnrader und-Machinen Aktiengesellschaft, Zurich, Switzerland. Gear grinding machine. 2,404,573; July 23.

Graff, George U., Washington, D. C. Primer composition. 2,395,045; Feb. 19.

Graff, Robert A., assignor to The Girdler Corporation, Louisville, Ky. Separation and recovery of unsaturated gases. 2,410,496; Nov. 5.

Graff, Stanley F., Minneapolis, Minn. Work table for shoe sole stitching machines. 2,411,855; Dec. 3.

Graff, Wayne O., University Heights, Ohio, assignor to General Electric Company. Luminescent material. 2,400,925; May 28.

Graflex, Inc., assignee: *See*—
Hinoline, Edson S.
Jacobson, Irving, and Smith.
Kals, William S.
Steiner, Oscar.

Grafman, Abraham J., North Hollywood, assignor to Lockheed Aircraft Corporation, Burbank, Calif. Double skin sheet metal structural elements. 2,392,818; Jan. 15.

Grafton, Bernard, Brooklyn, N. Y. Leak-proof fountain pen. 2,405,787; Aug. 13.

Graham & Allen, assignee: *See*—
Graham, George C.

Graham, Bert, deceased; P. L. Graham, administratrix, Tacoma, Wash. Cuspidor cleaner. 2,404,286; July 16.

Graham, Charles D., and E. S. Dybvig, assignors to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,401,560; June 4.

Graham, Edmund C.: *See*—
Millott, Arthur T., and Graham.

Graham, Frederick D., assignor to Koehring Company, Milwaukee, Wis. Crane controlling and steering device. 2,393,768; Jan. 29.

Graham, George C., assignor, by mesne assignments, to Graham & Allen, Ridgewood, N. J. Washing machine. 2,407,660; Sept. 17.

Graham, Gerald G.: *See*—
Gallay, Wilfred, and Graham.

Graham, Hugh R., Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey. Apparatus for applying liquid treating medium to tenuous articles. 2,393,678; Jan. 29.

Graham, John E., Huntingdon, W. Va., assignor to The Watt Car & Wheel Company, Barnesville, Ohio. Buffer and draft gear. 2,408,925; Oct. 8.

Graham, John M.: *See*—
Martin, Homer Z., Murphree, Gohr, and Graham.

Graham, Matthew P.: *See*—
Venditty, Anthony, and Graham.

Graham, Matthew P., Detroit, Mich., assignor to Thompson Products, Inc., Cleveland, Ohio. Making fastener studs. 2,399,181; Apr. 30.

Graham, Matthew P., and A. Venditty, Detroit, Mich., assignors to Thompson Products Inc., Cleveland, Ohio. Cowl fastener. 2,398,827; Apr. 23.

Graham, Maxim L., Indianapolis, Ind., assignor to Radio Corporation of America. Loud-speaker. 2,392,143; Jan. 1.

Graham, Paul S., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Terminal block. 2,397,102; Mar. 26.

Graham, Pearl L., administratrix: *See*—
Graham, Bert.

Graham, Robert E., Bronx, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Automatic following system. 2,403,975; July 16.

Graham Transmissions, Inc., assignee: *See*—
Jones, Lloyd E.

Graham, William R., Jr., Kansas City, G. O. Kohler, Mission, Kans., and R. D. Hoover, assignors to American Dairies Incorporated, Kansas City, Mo., and The Quaker Oats Company, Chicago, Ill. Separating chlorophyll from vitamins and other fat soluble materials. 2,408,625; Oct. 1.

Graham, William S., Canton, Ill., assignor to International Harvester Company. Agricultural implement. 2,403,360; July 2.

Grams, Raymond M., Deerbrook, Wis. Pneumatic fly sprayer. 2,397,855; Apr. 2.

Grams, William R.: *See*—
Johnson, Ralph P., and Grams.

Granberg, Albert J., Emeryville, Calif. Bulk plant receiving recorder. 2,393,464; Jan. 22.

Granberg, Albert J., Emeryville, Calif. Water separator. 2,401,067; May 28.

Granberg, Albert J., Oakland, Calif. Fluid metering apparatus. 2,411,261; Nov. 19.

Grand-Jean, Frederick R., University City, assignor to Sel-Mor Garment Co. Inc., St. Louis, Mo. Device for selection of articles of wearing apparel. 2,406,495; Aug. 27.

Grandmont, Paul E., East Orange, and L. C. Werner, Bloomfield, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Radiator. 2,413,179; Dec. 24.

Grand Rapids Hardware Company, assignee: *See*—
Viehweger, August.

Grandstaff, Otho D., Oak Park, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Surge suppressor circuit. 2,395,116; Feb. 19.

Grange, Raymond A., Jersey City, N. J., assignor to United States Steel Corporation of Delaware. Treating boron-containing steel. 2,400,302; May 14.

Granger, Paul H., Los Angeles, Calif. Oil well device. 2,402,886; June 25.

Granger, Paul H., Los Angeles, Calif. Oil well tool. 2,404,876; July 30.

Granqvist, Carl-Erik: *See*—
Alexandersson, Harold V., and Granqvist.

Grant, Albert E., Kansas City, Mo Ice crusher. 2,398,932; Apr. 23.

Grant, Albert E., Kansas City, Mo. Ice crusher. 2,398,933; Apr. 23.

Grant, Albert E., assignor to J. C. Hockery and F. L. and H. J. Taize, doing business as Rival Manufacturing Company, Kansas City, Mo. Juice extractor. 2,394,763; Feb. 12.

Grant, Charles H., assignee, et al.: *See*—
Lawler, Frank P.

Grant, Gordon A., Montreal, and C. von Seemann, Westmount, Quebec, Canada. Hormone derivative. 2,392,660; Jan. 8.

Grant, Harry C., Jr., New York, N. Y., assignor to Specialties Development Corporation, Bloomfield, N. J. Explosive cartridge. 2,393,629; Jan. 29.

Grant, Harry C., Jr., New York, N. Y., assignor to Specialties Development Corporation, Bloomfield, N. J. Gun charger. 2,409,623; Oct. 22.

Grant, Harry C., Jr., New York, N. Y., assignor to Specialties Development Corporation, Bloomfield, N. J. Freewheeling clutch. 2,410,818; Nov. 12.

Grant, Harry C., Jr., New York, N. Y., assignor to Specialties Development Corporation, Bloomfield, N. J. Fluid medium storing and dispensing system. 2,412,613; Dec. 17.

Grant, Harry C., Jr., New York, N. Y., and W. M. Haessler, Jersey City, assignors to Specialties Development Corporation, Bloomfield, N. J. Delayed action release device. 2,393,985; Feb. 5.

Grant, Harry C., Jr., New York, N. Y., and W. A. V. Thomsen, Glen Ridge, assignors to Specialties Development Corporation, Bloomfield, N. J. Fluid pressure control device. 2,404,796; July 30.

Grant, John C.: *See*—
Underwood, Benjamin F.

Grant Positype Corporation, assignee: *See*—
Bogia, Frank D.

Grant, Samuel, assignor to Products Development, Inc., Chicago, Ill. Curling rod for cold permanent waving of hair. 2,395,965; Mar. 5.

Grant, Samuel, assignor to Products Development, Inc., Chicago, Ill. Curling rod for permanent cold waving of hair. 2,396,782; Mar. 19.

Grant, Stewart M.: *See*—
Brown, Hugh E., and Grant.

Granular Foods, Inc., assignee: *See*—
Heyman, Wilbert A.

Granville, Bernard, Los Angeles, Calif. Apparatus for extracting water from atmospheric air. 2,409,624; Oct. 22.

Graphic Microfilm Service, Inc., assignee: *See*—
Place, Robert.

Grasoph Building Corp., assignee: *See*—
Ferrante, Gaspare.

Grass, Henry G., Dinuba, Calif. Automatic sprayer. 2,411,964; Dec. 3.

Gratton & Knight Company, assignee: *See*—
Carter, Latt J.

Graumann, Raymond L., Alexandria, Va. Bomb fuse. 2,409,205; Oct. 15.

Graver, Philip S., Chicago, Ill., assignor to Graver Tank & Mfg. Co., Inc., East Chicago, Ind. Counterbalanced expansion roof. 2,411,262; Nov. 19.

Graver Tank & Mfg. Co., Inc., assignee: *See*—
Felsecker, John J.
Graver, Philip S.
Parker, Henry C., and Prager.
Prager, Frank D.
Seddig, Robert E.

Graves, Arnold, Surbiton, and G. A. R. Tomes, West Wickham; said Tomes assignor to Alltools, Limited, Brentford, England. Thermocouple. 2,413,618; Dec. 31.

Graves, Herbert C., Jr., West Chester, assignor to I. T. E. Circuit Breaker Company, Philadelphia, Pa. Circuit breaker mounting and connecting stud. 2,412,259; Dec. 10.

Graves, John A.: *See*—
Burton, Edward F., and Graves.

Graves, John R., Yonkers, assignor to The Standard Stoker Company, Incorporated, New York, N. Y. Grate bearer bar. 2,403,857; July 9.

Graves, Will T., Jr., and T. E. Curtis, Birmingham, Ala. Fluid control device. 2,406,075; Aug. 20.

Graves, William H., Huntington Woods, assignor to Packard Motor Car Company, Detroit, Mich. Treating water jackets for engine cylinders. 2,397,481; Apr. 2.

Graviner Manufacturing Company Limited, assignee: *See*—
Mathisen, Anders.

Grawunder, Henry C., Bellville, assignor of one-half to J. B. Huff, Jr., Harris County, Tex. Glider. 2,407,777; Sept. 17.

Gray, Allen G., Rocky River, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Electrodeposition of zinc. 2,407,480; Sept. 10.

Gray, Alvin E.: *See*—
Platt, Donald R., and Gray.

Gray, Alvin N.: *See*—
Cox, Thomas K., Gray, and Rayburn.

Gray, David E., assignor to Corning Glass Works, Corning, N. Y. Bottle machine. 2,391,963; Jan. 1.

Gray, David E., assignor to Corning Glass Works, Corning, N. Y. Glassworking apparatus. 2,398,525; Apr. 16.

Gray, Earl E.: *See*—
Domville, Charles H., Jr., and Gray.

Gray, Elmer E., Saugus, Mass. Envelope sealing machine. 2,394,302; Feb. 5.

Gray, G. A., Company, The, assignee: *See*—
Walter, John M.

Gray, George F.: *See*—
Pratt, Verneur E., and Gray.

Gray, Harold F., Jr.: *See*—
Adelson, David E., Ruh, and Gray.

Gray, John De W., assignee, et al.: *See*—
Gray, John De W., and Stone.

Gray, John De W., and W. S. Stone, Chicago, Ill., assignors to John De Witt Gray and Lloyd L. Miller, Chicago, Ill., doing business as the Gray-Mills Co. Compressed air coolant circulatory pump. 2,394,169; Feb. 5.

Gray, Kenneth R.: *See*—
Schlosser, Paul H., Bennett, and Gray.
Schlosser, Paul H., and Gray.

Gray, Landon R.: *See*—
Hufford, Lewis C., and Gray.

Gray Manufacturing Company, The, assignee: *See*—
Clausen, Henry P.
Hazeltine, Alan.
Moore, Frank L.

Gray-Mills Co.: *See*—
Gray, John De W., and Stone.

Gray, Raymond K. and R. L., assignors to The Illinois Lock Company, Chicago, Ill. Padlock. 2,408,137; Sept. 24.

Gray, Reid B., Dundalk, assignor to The Glenn L. Martin Company, Middle River, Md. Underground fuel storage system. 2,398,828; Apr. 23.

Gray, Reid B., Dundalk, and J. C. De Weese, assignors to The Glenn L. Martin Company, Middle River, Md. Ship. 2,394,607; Feb. 12.

Gray, Reid B., Dundalk, and J. C. De Weese, Parkville, assignors to The Glenn L. Martin Company, Baltimore, Md. Fluid tank. 2,406,679; Aug. 27.

Gray, Robert E., Detroit, Mich. Taper hole gauge. 2,405,648; Aug. 13.

Gray, Rollin L.: *See*—
Gray, Raymond K. and R. L.

Gray, Thomas J., Milwaukee, Wis. Combination lock. 2,393,465; Jan. 22.

Graybeal, Joseph W., Midland, Tex., assignor to Standard Oil Development Company. Determining permeability of subsurface formations. 2,409,674; Oct. 22.

Graybill, Howard W., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit interrupter. 2,404,957; July 30.

Grayson Heat Control, Ltd., assignee: *See*—
Caparone, Michael J.
Rice, Harold W.

Grayson, John H., assignor to Lowell & Grayson, Monrovia, Calif. Cooking utensil and its heating means. 2,402,997; July 2.

Graziano, Joseph, White Plains, N. Y. Fuel vaporizer. 2,411,204; Nov. 19.

Graziano, Joseph S., Joliet, Ill. Dispensing package. 2,407,415; Sept. 10.

Grazier, Doré W., Johnstown, Pa., assignor to Carnegie-Illinois Steel Corporation. Work support. 2,402,324; June 18.

Great American Industries, Inc., assignee: *See*—
Contner, J. Burgi.
Curtiss, William R.

Great National Air Conditioning Company, assignee: *See*—
McReynolds, Winn W.

Grebe, Wallace E.: *See*—
Amott, Earl, and Grebe.

Greeley, Leo O., assignor to General Sales Company of Cadillac, Cadillac, Mich. Cushioned cylinder head. 2,402,887; June 25.

Green, Arthur: *See*—
Wilkinson, Samuel, and Green.

Green, Arthur, Coventry, England. Machine for producing screw threads. 2,403,075; July 2.

Green, Arthur D.: *See*—
Murphree, Eger V., Waterman, and Green.

Green, Arthur D., Cranford, N. J., assignor to Standard Oil Development Company. Production of polymers. 2,401,754; June 11.

Green, Arthur D., Cranford, N. J., assignor to Standard Oil Development Company. Chemical process. 2,403,276; July 2.

Green, Arthur D., Cranford, S. C. Lane, Roselle, and E. T. Marshall, Cranford, N. J., assignors, by mesne assignments, to Jasco, Incorporated. Production of high molecular weight isoolefinic polymers. 2,399,672; May 7.

Green and Berry Farm Equipment Co., assignee: *See*—
Berry, Thomas H.

Green, Charles A., Washington, D. C., and E. M. Selfert, Brooklyn Park, Md. Automatic hydraulic brake. 2,410,440; Nov. 5.

Green, Christopher A., University City, Mo., assignor to Curtiss-Wright Corporation. Device and system for pressure measurement. 2,398,372; Apr. 16.

Green, Clarence J., assignor to Norton Company, Worcester, Mass. Grinding machine-table indexing mechanism. 2,393,040; Jan. 15.

Green, Clarence J., Worcester, Mass., assignor to Norton Company. Cam grinding machine. 2,412,144; Dec. 3.

Green, Donald W., trustee, assignee: *See*—
McGill, Daniel F.

Green, Elliot D., San Francisco, Calif. Walking iron. 2,401,068; May 28.

Green, Ernest, Chelmsford, England, assignor to Radio Corporation of America. Feed-back control arrangement for coupled tuned circuits. 2,407,074; Sept. 3.

Green, Frederick E., Toppenish, Wash. Bottle carrier. 2,394,239; Feb. 5.

Green, George W. A., assignor to Lagonda Limited, Staines, Middlesex, England. Fuel injector for internal-combustion engines. 2,395,810; Mar. 5.

Green, Harry B., Denver, Colo. Auxiliary window sash. 2,402,247; June 18.

Green, Howard D., Pasadena, Calif., and P. R. Hendrixson, Moundsville, W. Va., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of hydrocyanic acid. 2,409,429; Oct. 15.

Green, Howard D., Pasadena, and D. S. Taylor, Monrovia, Calif., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of vinyl cyanide. 2,413,496; Dec. 31.

Green, Irving R.: *See*—
Gaylord, Ruth K., and Green.

Green, John R., Mount Lebanon, and J. P. Vollrath, Glenside, assignors to The Brown Instrument Company, Philadelphia, Pa. Method and apparatus for controlling reduction furnaces. 2,395,385; Feb. 19.

Green, Lee B., Lakewood, Ohio. Combined electric fan and heater. 2,391,964; Jan. 1.

Green, Lee B., Lakewood, Ohio. Fluid distributing system. 2,402,280; June 18.

Green, Lee B., Lakewood, Ohio. Extrusion molding. 2,402,281; June 18.

Green, Lee B., Lakewood, Ohio. Protecting originative matter. 2,408,626; Oct. 1.

Green, Lee B., Lakewood, Ohio. Apparatus for extruding. 2,408,627; Oct. 1.

Green, Lee B., Lakewood, Ohio. Rail fastening. 2,408,628; Oct. 1.

Green, Lee B., Lakewood, Ohio. Molding apparatus and method. 2,408,629; Oct. 1.

Green, Lee B., Lakewood, Ohio. Apparatus for molding plastic material. 2,408,630; Oct. 1.

Green, Lee B., Lakewood, Ohio. Flush tank control. 2,412,452; Dec. 10.

Green, Maurice W., assignor to Bendix Home Appliances, Inc., South Bend, Ind. Transmission. 2,412,331; Dec. 10.

Green, Minetta G., Warrenville, Ill. Hat. 2,396,503; Mar. 12.

Green, Norval H., Wood-Ridge, and W. P. Rupp, East Orange, N. J., assignors to Radio Corporation of America. Electron discharge device. 2,411,205; Nov. 19.

Green, Samuel G., Gray, Ga. Gun feed mechanism. 2,405,207; Aug. 6.

Green, Samuel G., Alexandria, Va., and W. H. D'Ardenne, Jenkintown Manor, W. J. Meinel, Huntingdon Valley, and W. De Vore, Horsham Township, Montgomery County, assignors to Heintz Manufacturing Company, Philadelphia, Pa. Control mechanism. 2,404,958; July 30.

Green, Samuel T., Brooklyn, assignor to Picker X-Ray Corporation, New York, N. Y. Protective apron. 2,404,225; July 16.

Green, Stanley S., assignor to Duncan Electric Manufacturing Company, Lafayette, Ind. Stabilization of meter damping units. 2,401,730; June 11.

Green, Vernon L.: *See*—
Nystrom, Karl P., and Green.

Greenberg, Henry, New York, and J. J. O'Connell, Jamaica, N. Y., assignors to Norwalk Lock Company, South Norwalk, Conn. Knockdown toy. 2,410,874; Nov. 12.

Greenberg, Herman, New York, N. Y. Foldable garment hanger. 2,404,959; July 30.

Greenburg, Richard B., Melrose Park, Pa., assignor to Allied Chemical & Dye Corporation, New York, N. Y. Isolation of para-xylene. 2,398,526; Apr. 16.

Greenburg, Richard B., Melrose Park, Pa., assignor to Allied Chemical & Dye Corporation, New York, N. Y. Recovery of xylenes. 2,405,300; Aug. 6.

Greene, Edgeworth, Montclair, assignor to Inter-Seal Corporation, Spring Lake, N. J. Bottle closure. 2,409,846; Oct. 22.

Greene, Edmund, Narberth, and H. F. Pearson, Langhorne, assignor to Röhm & Haas Company, Philadelphia, Pa. Cutting tool. 2,401,420; June 4.

Greene, Marcus: *See*—
Silverman, Eli E., Greene, and Greenspan.

Greene, Monte L., St. Louis, Mo., assignor to American Telephone and Telegraph Company. Teletypewriter secrecy system. 2,401,477; June 4.

Greene, Oren W., R. W. Twitty, and T. L. Richie, assignors to Marion Manufacturing Company, Marion, N. C. Blending fibers. 2,412,506; Dec. 10.

Greene, Raymond J., Sebring, Ohio. Radiant oven and broiler burner. 2,413,447; Dec. 31.

Greene, Whitney E., Hollywood, Calif. Anchorage insert for screw-threaded fastenings. 2,400,348; May 14.

Green-ee, Mumzelle La M., San Antonio, Tex. Cigarette light concealer. 2,405,506; Aug. 6.

Greenfield, Eugene W., Hastings-on-Hudson, assignor to Anaconda Wire and Cable Company, New York, N. Y. Cable for production of magnetic fields. 2,393,466; Jan. 22.

Greenfield, Max, Brooklyn, N. Y. Bow tie device. 2,408,631; Oct. 1.

Greenleaf, Carroll V., Edmonds, Wash. Flow indicator for pipe lines. 2,409,430; Oct. 15.

Greenleaf, Leland B., assignor to C. G. Conn, Ltd., Elkhart, Ind. Magazine for magnetic recording apparatus. 2,401,632; June 4.

Greenleaf, Robert M., and J. L. Hunt, Grosse Pointe, Mich., assignors to M. L. Trust, F. R. Pendleton, trustee, Everett, Wash. Wheel attachment. 2,402,041; June 11.

Greenlee Bros. & Co., assignee: *See*—
Abramson, John H., and Swanson.
Mansfield, Judson H.
Swanson, Edwin C., and Rudeen.

Greenlee, Harry R., assignor to The Studebaker Corporation, South Bend, Ind. Fluid coupling. 2,392,040; Jan. 1.

Greenlee, William E.: *See*—
Heath, Samuel, and Greenlee

Greenlees, Raymond C., Coventry, assignor to Courtaulds Limited, London, England. Dyeing of films possessing low water imbibition. 2,413,559; Dec. 31.

Greensfelder, Bernard S.: *See*—
Bailey, William A., Jr., and Greensfelder.

Greensfelder, Bernard S., Oakland, assignor to Shell Development Company, San Francisco, Calif. Isomerization of paraffin hydrocarbons. 2,393,041; Jan. 15.

Greensfelder, Bernard S., and W. A. Bailey, Jr., assignors to Shell Development Company, San Francisco, Calif. Catalytic treatment of carbonaceous materials. 2,392,588; Jan. 8.

Greensfelder, Bernard S., Oakland, and S. Z. Perry, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Catalytic cracking process. 2,398,739; Apr. 16.

Greensfelder, Bernard S., Oakland, and W. H. Peterson, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Hydrogenation process. 2,402,493; June 18.

Greenshields, Robert O.: *See*—
Hight, Franklin R., Greenshields, and Mueller.

Greenslade, Grover R., Scott Township, Allegheny County, assignor to Flannery Bolt Company, Bridgeville, Pa. Testing device. 2,399,018; Apr. 23.

Greenslade, Grover R., Scott Township, Allegheny County, and F. K. Landgraf, Crafton, assignors to Flannery Bolt Company, Bridgeville, Pa. Manufacture of hollow staybolts. 2,406,539; Aug. 27.

Greenspan, Joseph: *See*—
Weisberg, Samuel M., Stimpson, and Greenspan.
Weisberg, Samuel M., Stimpson, Greenspan, and Othmer.

Greenspan, Seymour: *See*—
Silverman, Eli E., Greene, and Greenspan.

Greenwood, Henry B.: *See*—
Fitchett, Thomas S., Greenwood, and Shackelford.

Greenwood, Robert P., Youngstown, Ohio, assignor to Pesco Products Co. Booster pump. 2,408,775; Oct. 8.

Greenwood, Samuel G., Oshkosh, Wis. Toy. 2,401,866; June 11.

Greer, Archibald: *See*—
Sands, William J., and Greer.

Greer, Edward R., Wayzata, Minn. Apparatus for removing snow and the like. 2,404,287; July 16.

Greer, John J., Conimicut, and A. Luongo, Wickford, R. I. Insulated wire stripping device. 2,407,233; Sept. 10.

Greetham, Ernest, London, England. Carrying out the heat-treatment of glass articles. 2,407,878; Sept. 17.

Gref, William C., Westport, assignor, by mesne assignments, to The Wheeler Insulated Wire Company, Incorporated, Bridgeport, Conn. Fluorescent tube. Re. 22,712; Jan. 22.

Grieger, Herbert H., Washington, D. C. Preparing aluminum phosphates. 2,405,884; Aug. 13.

Gregg, James K.: *See*—
Golden, Lucius D., and Gregg.

Gregg, Jon, Flemington, N. J. Shoe sole. 2,405,498; Aug. 6.

Gregg, Jon, New Hope, Pa. Fountain pen. 2,409,847; Oct. 22.

Gregg, Jonas F., assignor, by mesne assignments, to Jack & Heintz Precision Industries, Inc., Cleveland, Ohio. Surface checking and comparing device. 2,407,490; Sept. 10.

Gregor, Edmund L.: *See*—
Hagen, John A., Gregor, and Prendergast.

Gregory, Alfred T., Massapequa, assignor to Fairchild Engine and Airplane Corporation, Farmingdale, N. Y. Engine cooling system. 2,393,899; Jan. 29.

Gregory, Alfred T., Massapequa, assignor to Fairchild Engine and Airplane Corporation, Farmingdale, N. Y. Engine valve control mechanism. 2,410,411; Nov. 5.

Gregory, Arthur S.: *See*—
Ernsberger, Maurice L., and Gregory.

Gregory, Charles B., Los Angeles, Calif. Fishing pole holder. 2,399,435; Apr. 30.

Gregory, Douglas W., Jackson Heights, N. Y., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Spark plug. 2,393,497; Jan. 22.

Gregory, James: *See*—
Quilter, John R. C., and Gregory.

Gregory, John B.: *See*—
Amley, Oliver B., and Gregory.

Gregory, Kenneth J.: *See*—
Luth, Harold J., and Gregory.

Greibach, Emil H., Brooklyn, N. Y. System for measuring differences of potential. 2,400,112; May 14.

Greider, Harold W.: *See*—
Fasold, George A., and Greider.
Smith, Marion F., and Greider.

Greider, Harold W., and R. A. MacArthur, Wyoming, Ohio, assignors to The Philip Carey Manufacturing Company. Manufacture of normal magnesium carbonate. 2,396,915; Mar. 19.

Greiner, Alfred, Cleveland Heights, Ohio, assignor to General Electric Company. Base for electric lamps or similar devices. 2,392,661; Jan. 8.

Grene, George H. S., assignor of one-half to Wild-Barfield Electric Furnaces Limited, Watford, England. Metallurgical furnace. 2,412,145; Dec. 3.

Grenko, John D., and L. R. Strawn, Port Arthur, Tex., assignors to The Texas Company, New York, N. Y. Polmerization of hydrocarbons. 2,404,628; July 23.

Grenzow, Harrison, Juda, Wis. Abrasive instrument. 2,396,418; Mar. 12.

Gresham & Craven Limited, assignee: *See*—
Marsh, Gerald C.

Gresham, Thomas L., and F. W. Shaver, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Beta-halo acyl halides. 2,411,875; Dec. 3.

Gresham, William F.: *See*—
Loder, Donald J., and Gresham.

Gresham, William F., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of polydioxolane. 2,394,910; Feb. 12.

Gresham, William F., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of dioxolane polymers. 2,395,265; Feb. 19.

Gresham, William F., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of ester polymers. 2,397,602; Apr. 2.

Gresham, William F., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of dihaloalkanes and related products. 2,405,948; Aug. 20.

Gresham, William F., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of polyaminoacetals. 2,409,675; Oct. 22.

Gresham, William F., and R. E. Brooks, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of acrolein. 2,402,133; June 18.

Gresham, William F., and C. E. Schweitzer, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of hydantoin. 2,402,134; June 18.

Gresham, William F., and W. M. Bruner, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of indole. 2,409,676; Oct. 22.

Grether, Hermann E., Camarillo, Calif. Fertilizer distributor. 2,405,824; Aug. 13.

Gretler, Samuel I., and H. L. J. Haller, Washington, D. C., assignors to The United States of America as represented by the Secretary of Agriculture and his successors in office. Insecticide. 2,408,307; Sept. 24.

Greulich, Gerald G., Mount Lebanon, Pa., assignor to Carnegie-Illinois Steel Corporation. Metal pontoon. 2,394,764; Feb. 12.

Greulich, Gerald G., Mount Lebanon, Pa., assignor to Carnegie-Illinois Steel Corporation. Twin tube mine clearing snake. 2,409,848; Oct. 22.

Grew, Dolphis G., Saginaw, Mich. Topper for beets and the like. 2,406,013; Aug. 20.

Grey, David S., assignor to Polaroid Corporation, Cambridge, Mass. Optical system. 2,405,301; Aug. 6.

Grey, David S., assignor to Polaroid Corporation, Cambridge, Mass. Optical system. 2,406,762; Sept. 3.

Grey, Vernon H., Coventry, England. Bevel protractor. 2,409,849; Oct. 22.

Grey, Victor, assignor to Teletype Corporation, Chicago, Ill. Collet stop anchor. 2,396,504; Mar. 12.

Gribbins, Myers F., and F. W. Miller, Jr., Wilmington, Del., and D. K. O'Leary, Kennett Square, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Food antioxidants. 2,397,960; Apr. 9.

Gribble, Virgle, Wilmar, Calif. Bin loading apparatus. 2,401,633; June 4.

Gribner, John, Banks, Oreg. Fern packing machine. 2,393,102; Jan. 15.

Grieb, Benjamin C., Chestnut Hill, assignor to Air-Shields, Incorporated, Bucks County, Pa. Coupling device. 2,397,735; Apr. 2.

Grieb, Daniel A.: *See*—
Ernst, Hans, Grieb, and Field.

Grief Bros. Cooperage Corporation, assignee: *See*—
Gaylord, Paul C.

Grieg, Donald D.: *See*—
Labin, Emile, and Grieg.

Grieg, Donald D., New York, N. Y., assignor to Federal Telephone and Radio Corporation. Stable pulse generator. 2,408,061; Sept. 24.

Grieg, Donald D., Forest Hills, N. Y., assignor to Federal Telephone and Radio Corporation, Newark, N. J. Signal translator. 2,408,062; Sept. 24.

Grieg, Donald D., Forest Hills, assignor to Federal Telephone and Radio Corporation, New York, N. Y. Multiplex receiver. 2,408,063; Sept. 24.

Grierson, Andrew: *See*—
Hanson, Ernest H., Grierson, and Le Boeuf.

Gries, Otto, New Rochelle, N. Y., assignor to Gries Reproducer Corporation. Buckle and producing the same. 2,407,491; Sept. 10.

Gries Reproducer Corporation, assignee: *See*—
Gries, Otto.

Griesbeck, Hans, Cologne, Rhine, Germany; vested in the Alien Property Custodian. Manufacture and bottling of carbonated milk beverages. 2,394,303; Feb. 5.

Grieshelmer, Rudolph N., Chillicothe, assignor, by mesne assignments, to K-C-M Company, Dayton, Ohio. Viscosimeter. 2,392,662; Jan. 8.

Griesinger, John W., Dayton, Ohio. Astern attack tow target. 2,402,156; June 18.

Griesinger, William K., Drexel Hill, assignor to The Atlantic Refining Company, Philadelphia, Pa. Purification of oil-soluble sulphonates. 2,406,763; Sept. 3.

Griesinger, William K., Drexel Hill, and E. H. Engelking, Upper Darby, assignors to The Atlantic Refining Company, Philadelphia, Pa. Oil solutions of basic alkaline earth metal sulphonates and making same. 2,402,325; June 18.

Griff, Robert D.: *See*—
Walz, Claude W., and Griff.

Grift, Robert D., Rock Island, assignor to Deere & Company, Moline, Ill. Beet loader. 2,404,629; July 23.

Griffin, Ira L., and C. F. Morriss, Charlotte, N. C. Poisoning composition and method. 2,394,683; Feb. 12.

Griffin, Ira L., D. E. Truax, and N. H. Nuttall, Charlotte, N. C., assignors to Stein, Hall & Company, Inc., New York, N. Y. Textile printing. 2,401,755; June 11.

Griffin, Ira L., D. E. Truax, and N. H. Nuttall, Charlotte, N. C., assignors to Stein, Hall and Company, Inc., New York, N. Y. Film forming emulsions. 2,413,320; Dec. 31.

Griffin, John R., Jr., Kansas City, Kans., and P. R. Van Ess, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Compounded lubricating oil. 2,410,652; Nov. 5.

Griffin, Joseph F., Hammond, Ind., and E. Rawson, Chicago, Ill., assignors to The Superheater Company, New York, N. Y. Suction strainer provided with a sediment chamber. 2,412,043; Dec. 3.

Griffin, Percy M., assignor to Consolidated Car-Heating Company, Inc., Albany, N. Y. Angle drive mechanism. 2,401,240; May 28.

Griffin, Roger L., Marblehead, assignor to A. C. Lawrence Leather Company, Peabody, Mass. Spraying machine. 2,397,482; Apr. 2.

Griffin, Roger L., Marblehead, and N. Y. Moore, Danvers, assignors to A. C. Lawrence Leather Company, Peabody, Mass. Fur combing and ironing machine. 2,405,032; July 30.

Griffin, Theodore R., Belmont, assignor to United Carr Fastener Corporation, Cambridge, Mass. Laundryproof fastener. 2,393,219; Jan. 15.

Griffin, Theodore R., Belmont, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Lock nut. 2,407,830; Sept. 17.

Griffin, William C., Tamaqua, Pa., assignor to Atlas Powder Company, Wilmington, Del. Sugar derivatives. 2,407,001; Sept. 3.

Griffin, William C., Newport, assignor to Atlas Powder Company, Wilmington, Del. Glycol glucosides and derivatives thereof. 2,407,002; Sept. 3.

Griffin, William C., Newport, assignor to Atlas Powder Company, Wilmington, Del. Emulsifying agents produced from glycol glucosides and their production. 2,407,003; Sept. 3.

Griffith, Alan A., assignor to Rolls-Royce Limited, Derby, England. Bearing. 2,403,176; July 2.

Griffith, Alan A., assignor to Rolls-Royce Limited, Derby, England. Fluid-solid contact surface. 2,408,632; Oct. 1.

Griffith, Alan A., Derby, England, assignor to Rolls-Royce Limited. Internal-Combustion turbine. 2,413,225; Dec. 24.

Griffith, Albert R., Bridgeton, N. J. Post setting apparatus. 2,402,393; June 18.

Griffith, Arthur H.: *See*—
Easton, Robert R., and Griffith.

Griffith, Bain, assignor to General Motors Corporation, Detroit, Mich. Drive axle. 2,408,026; Oct. 8.

Griffith, Dinsmore L., and L. G. Hendrickson, Flin Flon, assignors to Hudson Bay Mining and Smelting Company Limited, Winnipeg, Manitoba, Canada. Purifying electrolytes. 2,396,569; Mar. 12.

Griffith, Dinsmore L., and L. G. Hendrickson, Flin Flon, Manitoba, assignors to Hudson Bay Mining and Smelting Company, Limited, Winnipeg, Manitoba, Canada. Composition for purifying electrolytes. 2,405,302; Aug. 6.

Griffith, Raymond C., assignor to Vickers Incorporated, Detroit, Mich. Power transmission. 2,395,811; Mar. 5.

Griffith, Raymond E., Bryn Mawr, assignor to E. J. Lavino and Company, Philadelphia, Pa. Refractories. 2,394,304; Feb. 5.

Griffith, Richard: *See*—
Price, Donald, and Griffith.

Griffith, Thomas R., and J. L. Orr, assignors to The Honorary Advisory Council for Scientific and Industrial Research, Ottawa, Ontario, Canada. Prevention and removal of ice or frost on aircraft parts. 2,406,867; Aug. 27.

Griffith, William B., Stone Harbor, N. J. Vent valve for thermostatic devices. 2,392,087; Jan. 1.

Griffith, William B., Audubon, N. J., assignor to Fire Devices, Inc. Thermostat. 2,413,140; Dec. 24.

Griffiths, Francis T., Gravesend, assignor to W. T. Henley's Telegraph Works Company Limited, Dorking, England. Extrusion machine. 2,404,630; July 23.

Griffiths, George A.: *See*—
Volty, Maurice, and Griffiths.

Griffiths, Ronald E.: *See*—
Fenner, James M., Griffiths, and Harris.

Grigsby, Harold W., Surbiton, England. Lift. 2,395,735; Feb. 26.

Grilli, John P.: *See*—
Mohr, Albert, Jr.
Mohr, Albert, Jr., and Grilli.

Grilli, John P., assignee, et al.: *See*—
Wetherbee, Harry L.

Grimes, Harry C., Elkins, W. Va. Apparatus for smoothing and drying garments. 2,403,655; July 9.

Grimes, Warren G., Urbana, Ohio. Instrument light. 2,401,867; June 11.

Grimes, William F., assignor to The National Cash Register Company, Dayton, Ohio. Hot riveter. 2,405,033; July 30.

Grimm, Edward M., assignee, et al.: *See*—
Brizay, Emile A.

Grimm, Walter, Zurich-Oerlikon, assignor to L. H. Kapp & Co., Zurich, Switzerland. Liquid level switch. 2,405,140; Aug. 6.

Grimmel, Harry W., Easton, and A. Guenther, Riegelsville, Pa., assignors to General Aniline & Film Corporation, New York, N. Y. Water insoluble azo dyestuffs containing an n-morpholino-arylide group. 2,408,421; Oct. 1.

Grimmer, Elmer J.: *See*—
Fielder, Frederick D., and Grimmer.

Grimminger, George, Washington, D. C. Automatic stabilizer. 2,411,156; Nov. 19.

Grimshaw, Charles S., Scotia, N. Y., assignor to General Electric Company. Optical sighting apparatus. 2,406,828; Sept. 3.

Grimshaw, Charles S., Scotia, N. Y., assignor to General Electric Company. Gyroscope. 2,412,453; Dec. 10.

Grimshaw, Hugh M., Glen Ridge, N. J., assignor to Publication Corporation, New York, N. Y. Applying glue. 2,406,287; Aug. 20.

Grindall, William H.: *See*—
Miller, Robert N., and Grindall.

Grinnell Corporation, assignee: *See*—
Donkersley, Albert B., and Weishuan.

Grinnell, Willis H., Newton Center, Mass. Machine for grinding orthodontic models. 2,413,619; Dec. 31.

Grinstead, Carl E.: *See*—
Martin, Edward J., and Grinstead.
Martin, Edward J., Grinstead, and Frawley.

Grinter, Hershel W., Cuyahoga Falls, and M. E. Gross, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Adhering rubber to metals. 2,399,019; Apr. 23.

Grip, Erik: *See*—
Carlström, Bengt, Grip, and Toorell.

Grip Nut Company, assignee: *See*—
Abbott, Gail C.

Grisanti, Amedeo D., Mount Vernon, N. Y. Trouser waist grip. 2,413,180; Dec. 24.

Griscom-Russell Company, The, assignee: *See*—
Bruegger, Ernest.
Clapper, Ray L.
Ryder, Anthony J.

Grisé, Alfred L., Springfield, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Fluid pressure motor. 2,405,949; Aug. 20.

Grisé, Alfred L., Springfield, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Grease pump. 2,413,044; Dec. 24.

Grisham, Walter E.: *See*—
Talley, Claude A., and Grisham.

Griswold, Donald G., Alhambra, Calif. Pilot controlled pressure regulating means. 2,410,876; Nov. 12.

Griswold, Donald G., assignor to Clayton Manufacturing Company, Alhambra, Calif. Automatic vacuum breaker. 2,394,911; Feb. 12.

Griswold, Gale, and C. H. Cannon, Jr., Columbus, Ohio, assignors to Curtiss-Wright Corporation. Force and motion transmitting mechanism. 2,406,073; Aug. 20.

Griswold, Owen H., Trenton, N. J., assignor to Kaiser Cargo, Inc., Bristol, Pa. Constant volume connection for fluid conduits. 2,402,157; June 18.

Griswold, Roger W., II: *See*—
Ludington, Charles T., and Griswold.

Griswold, William A., Cleveland, Tenn. Heating stove. 2,394,441; Feb. 5.

Grob, Adolf: *See*—
Martin, Henry, Häfliger, Gätzi, and Grob.

Grobholz, Frank, Astoria, N. Y. Frame for miniature pictures. 2,401,241; May 28.

Grobstein, Albert, Washington, D. C. Incendiary with high penetrating power. 2,403,656; July 9.

Grocoff, William, San Francisco, Calif. Pipe scraper. 2,400,196; May 14.

Grodin, Jacob W., Shaker Heights, Ohio. Packaging device. 2,400,197; May 14.

Groedel, Franz M., New York, N. Y. Combined paste tube holder and closure. 2,393,103; Jan. 15.

Groen, Martinus G., Hoogezand, Netherlands; vested in the Alien Property Custodian. Producing starch esters. 2,412,213; Dec. 10.

Groene, William F., and A. W. Aufderhar, assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Multiple spindle center drive lathe. 2,396,783; Mar. 19.

Groene, William F., and A. W. Aufderhar, assignors to The R. K. Le Blond Machine Tool Co., Cincinnati, Ohio. Multiple spindle center drive lathe feed mechanism. 2,396,784; Mar. 19.

Groene, William F., Cincinnati, and H. C. Kemper, Goshen Township, Clermont County, assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Taper turning apparatus. 2,407,778; Sept. 17.

Groene, William F., Cincinnati, and H. C. Kemper, Goshen Township, Clermont County, assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Automatic lathe. 2,410,026; Oct. 29.

Groff, Frazier, Lakewood, Ohio, assignor to Carbide and Carbon Chemicals Corporation. Stabilization of polyvinyl acetal resins. 2,392,041; Jan. 1.

Groncy, Carl W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Spreading apparatus. 2,393,502; Jan. 22.

Gronemeyer, Erich, Pompton Plains, assignor to Mack Molding Company, Incorporated, Wayne, N. J. Molding die and removing molded articles therefrom. 2,404,031; July 23.

Gronemeyer, Erich, Pompton Plains, and S. Cherba, Totowa, N. J. Holding plastic hollow bodies. 2,410,936; Nov. 12.

Groom, Roy L., and R. E. Parrish, Sr., Jackson, Tenn. Live minnow and small fish receptacle. 2,403,858; July 9.

Grooms, Albert O.: *See*—
Pearce, George C., and Grooms.

Groot, Robert W., Fort Wayne, Ind., assignor to General Electric Company. Brush rigging. 2,413,560; Dec. 31.

Grosdoff, Igor E., Princeton, N. J., assignor to Radio Corporation of America. Operating the electronic chronographs. 2,403,918; July 16.

Gross, Alfred G., Wilmette, Ill., assignor to The Hoover Company, North Canton, Ohio. Refrigeration. 2,401,300; June 4.

Gross, Alfred G., Wilmette, Ill., assignor to The Hoover Company, North Canton, Ohio. Refrigeration. 2,410,342; Oct. 29.

Gross, Bernard, and L. W. Cornwall, San Diego, assignors to Rohr Aircraft Corporation, Chula Vista, Calif. Sealing device. 2,396,005; Mar. 5.

Gross, Bernard, and L. W. Cornwall, San Diego, assignors to Rohr Aircraft Corporation, Chula Vista, Calif. Spotweld horn and electrode assembly. 2,399,797; May 7.

Gross, Bernard, and L. W. Cornwall, San Diego, assignors to Rohr Aircraft Corporation, Chula Vista, Calif. Spotweld edge gauge. 2,408,847; Oct. 8.

Gross, Frederick B.: *See*—
Maxson, Lisle J., and Gross.

Gross, George C.: *See*—
Degering, E. F., and Gross.

Gross, Howard H.: *See*—
Atwell, Harold V., and Gross.

Gross, Malcolm E.: *See*—
Grinter, Hershel W., and Gross.

Gross, Malcolm E., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Adhesive composition and method of making same. 2,394,375; Feb. 5.

Gross, Paul M., Marcus Hobbs, and C. K. Bradsher, Durham, N. C. Dielectric fluids. 2,394,442; Feb. 5.

Gross, Peter F.: *See*—
Palmer, Fred S., and Gross.

Gross, Stefan, assignee, et al.: *See*—
Miller, Irving B.

Gross, William E., Joppa, Md. Gas mask canister. 2,406,368; Aug. 27.

Grosse, Aristid V., Bronxville, N. Y., and C. B. Linn, Riverside, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,392,915; Jan. 15.

Grosse, Aristid V., Bronxville, N. Y., and H. Pines, Riverside, assignors to Universal Oil Products Company, Chicago, Ill. Isomerization of normally liquid paraffins. 2,393,104; Jan. 15.

Grosse, Aristid V., Bronxville, N. Y., and W. J. Mattox, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,394,170; Feb. 5.

Grosse, Aristid V., Bronxville, N. Y., and C. B. Linn, assignors to Universal Oil Products Company, Chicago, Ill. Alkylation of paraffin hydrocarbons. 2,411,992; Dec. 3.

Grosse, Aristid V., Haverford, Pa., and C. B. Linn, Riverside, assignors to Universal Oil Products Company, Chicago, Ill. Alkylation of paraffin hydrocarbons. 2,396,844; Mar. 19.

Grosser, Christian E., Winchester, Mass., assignor to Standard Machinery Company, Cranston, R. I. Pump or motor unit. 2,397,314; Mar. 26.

Grossman, Franklin A., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,393,630; Jan. 29.

Grossman, Franklin A., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,399,922; May 7.

Grossman, Lee, Los Angeles, Calif. Changeable exhibitor. 2,401,478; June 4.

Grossman Music Co., assignee: *See*—
Brockman, Morton S.

Grossmann, Paul, Binningen, assignor to Society of Chemical Industry in Basle, Basel, Switzerland. Aminoanthraquinone derivatives. 2,392,663; Jan. 8.

Grotenhouse, James T., Orange City, Iowa. Oil burner. 2,409,677; Oct. 22.

Grothey, Ivan W., assignor to Scott & Williams, Incorporated, Laconia, N. H. Machine and method of relieving trapping strain on yarns. 2,398,785; Apr. 23.

Grothey, Ivan W., assignor to Scott & Williams, Incorporated, Laconia, N. H. Knitting method and machine. 2,411,422; Nov. 19.

Grotnes, Carl C., Park Ridge, Ill. Rolling machine. 2,395,324; Feb. 19.

Grotnes, Carl C., Park Ridge, Ill. Metal working machine. 2,398,373; Apr. 16.

Grouse, Richard A., and J. Rogers, assignors to A. H. Hunt Limited, London, S. W. 18, England. Manufacture of electrical condensers. 2,399,798; May 7.

Grove, Edwin W., III, Ladue, Mo. Perumbulator. 2,407,779; Sept. 17.

Groven, Thov, and D. R. Buxton, Las Vegas, Nev. Testing device. 2,396,172; Mar. 5.

Grover, Atwood H., Rockaway, N. J. Detonator loading press. 2,395,046; Feb. 19.

Grover, Frank S.: *See*—
Liska, John W., and Grover.

Groves, Martin V., assignee, et al.: *See*—
Hull-Ryde, Arthur.

Growald, Henry K., Fort Worth, Tex., assignor to Consolidated Vultee Aircraft Corporation. Aircraft. 2,403,595; July 9.

Grubb, Henry M., and E. B. Tucker, Highland, Ind., assignors to Standard Oil Company, Chicago, Ill. Preparation of organic sulfonates and sulfonyl chlorides. 2,412,679; Dec. 17.

Grubbs, David S., assignor, by mesne assignments, to Jack & Heintz Precision Industries, Inc., Cleveland, Ohio. Aligning bar. 2,411,621; Nov. 26.

Gruber, Oscar, Minneapolis, Minn. Watchcase. 2,398,423; Apr. 16.

Grubman, Harold L., assignee: *See*—
Nichols, Bertie.

Gruen, Henry, New York, N. Y. Bathtub. 2,396,845; Mar. 19.

Gruenberg, Ivor J., Pleasant Ridge, assignor to The Gear Grinding Machine Company, Hamtramck, Mich. Machine for grinding helical gears and other conjugate helicoidal members. 2,401,561; June 4.

Gruenberg, Ivor J., Pleasant Ridge, assignor to The Gear Grinding Machine Company, Hamtramck, Mich. Trimming mechanism for formed rotary grinders. 2,401,562; June 4.

Gruenberg, Ivor J., Pleasant Ridge, and S. G. Brady, Royal Oak, assignors to The Gear Grinding Company, Hamtramck, Mich. Gear grinding machine. 2,392,819; Jan. 15.

Grundmann, Gustav L., Westmont, N. J., assignor to Radio Corporation of America. Deflecting coils and yoke and manufacturing same. 2,395,736; Feb. 26.

Gruner, William P., St. Louis, assignor of one-fourth to O. R. Burkhart, Webster Groves, one-fourth to W. H. Burkhart, and one-fourth to H. W. Hagnauer, Ladue, Mo. Ice-making machine. 2,397,347; Mar. 26.

Grunow, Alfred, Nutley, N. J. Die set. 2,405,825; Aug. 13.

Grunspan, Adolf, Wimbledon, S. W. 19, London, England, now by judicial change of name A. F. Garvin. Process and apparatus for obtaining a synthetic ivory colored ceresin. 2,398,424; Apr. 16.

Grunwell, Alfred M., Washington, D. C. Gas mask carrier pocket attachment for firemen's coats. 2,409,354; Oct. 15.

Grupe, William F., Lyndhurst, N. J., assignor to Interchemical Corporation, New York, N. Y. Tin plate manufacture. 2,394,545; Feb. 12.

Grupe, William F., Lyndhurst, N. J., assignor, by mesne assignments, to Interchemical Corporation, New York, N. Y. Method and apparatus for applying thermoplastic material to sheets or webs. 2,396,946; Mar. 19.

Grupe, William F., Lyndhurst, N. J., assignor to Brazil Babassu Corporation, New York, N. Y. Apparatus for cracking nuts. 2,405,303; Aug. 6.

Grupelli, Logan D., East Orange, assignor to National Oil Products Company, Harrison, N. J. Molding ceramic material. 2,400,001; May 7.

Gruss, George A., Bridgeport, Conn., assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring instrument. 2,392,916; Jan. 15.

Gruver, Paul I., Minneapolis, Minn. Telescope sight mount for firearms. 2,401,825; June 11.

Grylewicz, Frank S., Cicero, and J. C. Hannon, and D. V. Witsaman, Chicago, Ill. Work holder. 2,394,376; Feb. 5.

Guanella, Gustav, Zurich, Switzerland, assignor to Radio Patents Corporation, New York, N. Y. Secret signaling. 2,405,500; Aug. 6.

Guanella, Gustav, Zurich, Switzerland, assignor to Radio Patents Corporation, New York, N. Y. Electrical signaling method. 2,411,206; Nov. 19.

Guanella, Gustav, Zurich, Switzerland, assignor to Radio Patents Corporation, New York, N. Y. Method and arrangement for scrambling speech signals. 2,411,683; Nov. 26.

Guanella, Gustav, Zurich, Switzerland, assignor, by mesne assignments, to Patents Research Corporation, New York, N. Y. Direction finding system. 2,413,620; Dec. 31.

Guaranty Plastic Caps Limited, assignee: *See*—
Weber, Henryk.

Guardian Electric Manufacturing Co., assignee: *See*—
Nelsen, Marvin G.
Obezarny, Theodore.

Guardite Corporation, The, assignee: *See*—
Schaffner, Robert M.

Guareschi, Pietro, Genoa, Italy; vested in the Alien Property Custodian. Purifying manganese in metal state. 2,396,570; Mar. 12.

Gubala, Frank: *See*—
Kazamias, Michael, and Gubala.

Gubelmann, Ivan, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Sugar amine compounds. 2,396,097; Mar. 5.

Gubelmann, William S., Convent, N. J. Cash register. 2,404,170; July 16.

Gubin, Samuel, Erlton, N. J., assignor to Radio Corporation of America. Ultra high frequency coupling device. 2,397,787; Apr. 2.

Gubin, Samuel, Merchantville, N. J., assignor to Radio Corporation of America. Ultra high frequency coupling device. 2,401,634; June 4.

Gudgeon, Herbert, and R. Hill, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Polymers of 1-carbalkoxybutadienes-1,3 and making same. 2,395,812; Mar. 5.

Gudmundson, John E., Brakpan, Transvaal, Union of South Africa. Level or like surveying instrument. 2,407,416; Sept. 10.

Guellich, Gustav E.: *See*—
Gradisar, Albin A., and Guellich.

Guellich, Gustav E., Buffalo, N. Y., assignor, by mesne assignments, to American Optical Company, Southbridge, Mass. Making optical devices. 2,399,799; May 7.

Guenther, Alfred: *See*—
Grimmel, Harry W., and Guenther.

Guenther, Alfred, Riegelsville, Pa., and J. F. Morgan, Phillipsburg, N. J., assignors to General Aniline & Film Corporation, New York, N. Y. Production of substituted quinazolones from organic phosphazo compounds. 2,408,633; Oct. 1.

Guenther, John R., Appleton, Wis. Gauging and controlling mechanism. 2,399,113; Apr. 23.

Guerasimoff, Constantine N., assignor to The Buda Company, Harvey, Ill. Diesel engine and operating same. 2,408,394; Oct. 1.

Guerin, Paul R., East Cleveland, Ohio, assignor to Towmotor Corporation, Cleveland, Ohio. Industrial truck. 2,399,632; May 7.

Guerin, Paul R., and H. Musgrave, East Cleveland, assignors to Towmotor Corporation, Cleveland, Ohio. Industrial truck. 2,411,263; Nov. 19.

Guerke, Ralph M., Verona, N. J., assignor to Curtiss-Wright Corporation. Dual rotation propeller system. 2,406,460; Aug. 27.

Guernsey, James E.: *See*—
Baratelli, Charles A., Cochran, Dockum, and Guernsey.

Guerra, Anthony, Hackensack, N. J. Auto dash oil detector. 2,402,394; June 18.

Guertin, Charles E., assignor to American Bosch Corporation, Springfield, Mass. Bearing for dynamos. 2,393,900; Jan. 29.

Guertin, Clifford D.: *See*—
Foote, Chauncey P., Jr., and Guertin.

Guertin, Louis C., Worcester, Mass. Safety razor. 2,402,747; June 25.

Guest, Howard L.: *See*—
Salle, Anthony J., and Guest.

Guest, Keen & Nettlefolds, Limited, assignee: *See*—
Whitcombe, Christopher J.

Guggenheim, Daniel and Florence Foundation, The, assignee: *See*—
Goddard, Robert H.

Guiberson Corporation, The, assignee: *See*—
Hooser, Donald B.
Pranger, Albert.
Taylor, Raymond G., Jr.
Taylor, Raymond G., Jr., and Hooser.

Guibert, Francis W., Beverly Hills, and F. B. Fuller, Whittier, Calif.; said Fuller assignor to said Guibert. Fluid pressure device. 2,407,698; Sept. 17.

Guignon, Emile S., Jr., Kansas City, Mo. Plural-unit portable building. 2,394,443; Feb. 5.

Guignon, Emile S., Jr., Kansas City, Mo. Sectional building. 2,407,004; Sept. 3.

Guild, Lloyd V.: *See*—
Burrell, Guy H., and Guild.

Guildford, Joseph R., Niagara Falls, Ontario, Canada. Boiler water line indicating device. 2,393,305; Jan. 22.

Guildford, Joseph R., Buffalo, N. Y. Nonslip joint split ring union device. 2,410,027; Oct. 29.

Guillemin, Victor, Jr., Dayton, Ohio. Automatic graph drawing recorder. 2,406,764; Sept. 3.

Guinee, Edward J., Roselle, assignor to The H. A. Wilson Company, Newark, N. J. Silver cladding. 2,392,917; Jan. 15.

Guinn, Charles R., Konawa, Okla. Automatic engine cut-off. 2,400,303; May 14.

Guinn, Garvin G., Los Angeles, Calif. Traction appliance for wheels. 2,394,995; Feb. 19.

Guinot, Henri M., Niort, France; vested in the Alien Property Custodian. Dehydration of acetic acid by azeotropic distillation. 2,412,215; Dec. 10.

Gulas, John, Sr., Hollidays Cove, W. Va. Venetian blind and adjustable self-locking detachable fastener for cord ends. 2,400,198; May 14.

Gulden, Kenneth C., Gladstone, assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Abrading and polish implement. 2,403,434; July 9.

Gulf Oil Corporation, assignee: *See*—
Butcher, Alfred.
Hunter, Benjamin F., and Hobart.
Pellettere, Joseph A.
Slecke, Paul.
Smith, Herschel G., and Cantrell.
Smith, Herchel G., Cantrell, and Peters.

Gulf Publishing Company, assignee: *See*—
Wauson, Horace C., and Bennett.

Gulf Research & Development Company, assignee: *See*—
Berg, Lloyd, Summer, and Montgomery.
Bonnell, William S., and Weinrich.
Butcher, Edward R.
Kennedy, Harvey T.
Kennedy, Harvey T., and Gassett.
Montgomery, Charles W.
Muffly, Gary.
Rocchini, Albert G.
Vacquier, Victor V.

Gullberg, Arthur G., Rocky River, Ohio. Retainer device for demountable punches, dies, and the like. 2,393,986; Feb. 5.

Gumlar, Joseph, Chicago, Ill. Measuring dispenser. 2,401,684; June 4.

Gumley, Robert H., Whitestone, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Motor-control circuit. 2,395,477; Feb. 26.

Gump, B. F., Co., assignee: *See*—
Williams, Ralph E., and Nowak.

Gumper, Clarence, West Haven, assignor to The Bridgeport Safety Emery Wheel Company, Inc., Stratford, Conn. Grinding. 2,396,505; Mar. 12.

Gundelfinger, Constance D., administratrix: *See*—
Gundelfinger, Walter J.

Gundelfinger, Walter J., deceased, West Roxbury, Mass.; C. D. Gundelfinger, administratrix. Method and apparatus for manufacture of continuous filament and like structures. 2,411,774; Nov. 26.

Gundersen, Daniel T.: *See*—
Zieholz, Herbert, McCracken, and Gundersen.

Gunderson, Lewis O., Park Ridge, assignor to Dearborn Chemical Company, Chicago, Ill. Conditioning boiler water. 2,391,895; Jan. 1.

Gunderson, Ralph R., Chicago, Ill. Hose coupling. 2,393,679; Jan. 29.

Gunderson, Ralph R., Chicago, Ill. Power brake mechanism. 2,406,328; Aug. 27.

Gunderson, Ralph R., Chicago, Ill. Fluid pressure producing device. 2,408,513; Oct. 1.

Gunn, Earl G., Providence, R. I., assignor to Fram Corporation. Liquid filter installation. 2,411,539; Nov. 26.

Gunn, Robert D., Cleveland, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Treatment of gas. 2,409,558; Oct. 15.

Gunness, Robert C.: *See*—
Bouchard, Frederick J., Gunness, and Stern.

Gunness, Robert C., Chicago, Ill., and J. W. Jewell, Summit, N. J., assignors of one-half to Standard Oil Company and one-half to The M. W. Kellogg Company. Catalytic cracking system. 2,410,284; Oct. 29.

Gunst, Raymond: *See*—
Gyr, Josef, and Gunst.

Gunter, Addison Y.: *See*—
Elder, Frederick T., Farkas, and Gunter.

Gunter, Addison Y., Larchmont, assignor to American Locomotive Company, New York, N. Y. Heat exchanger. 2,399,484; Apr. 30.

Gunther, James K., Hinsdale, assignor to Industrial Patents Corporation, Chicago, Ill. Continuous soap process. 2,401,756; June 11.

Gunther, Leo A., assignee: *See*—
Salle, Anthony J., and Guest.

Guptill, Heath R., Washington, D. C., assignor to General Electric Company. Phase shifting circuit. 2,411,423; Nov. 19.

Gurewitsch, Anatole M., Schenectady, N. Y., assignor to General Electric Company. Ultra high frequency filter. 2,392,664; Jan. 8.

Gurewitsch, Anatole M., Schnectady, N. Y., assignor to General Electric Company. High-frequency discharge device. 2,404,226; July 16.

Gurewitsch, Anatole M., Schenectady, N. Y., assignor to General Electric Company. Ultra high frequency power measurement. 2,407,075; Sept. 3.

Gurewitsch, Anatole M., Schenectady, N. Y., assignor to General Electric Company. Filtering arrangement. 2,408,927; Oct. 8.

Gurewitsch, Anatole M., Schenectady, N. Y., assignor to General Electric Company. Ultra high frequency space resonant system. 2,411,424; Nov. 19.

Gurries, Albert G., Gilroy, Calif. Finishing leveler. 2,407,780; Sept. 17.

Gurwick, Irving, New York, N. Y. Surface coating tissue paper with thermo-responsive resins. 2,407,549; Sept. 10.

Gustafson, Gilbert E., River Forest, Ill., assignor to Zenith Radio Corporation. Radio receiving system. 2,392,665; Jan. 8.

Gustafson, Hilding B., Hinsdale, assignor to Infilco Incorporated, Chicago, Ill. Sugar treatment. 2,403,177; July 2.

Gustafson, Hilding B., Hinsdale, and E. Kominek, Jr., assignors to Infilco Incorporated, Chicago, Ill. Removal of boron from boron polluted substances. 2,402,959; July 2.

Gustafson, Hilding B., Hinsdale, and L. A. Paley, Glenn Ellyn, assignors to Infilco Incorporated, Chicago, Ill. Clarifying sugar solutions. 2,402,960; July 2.

Gustafsson, Eric, and J. W. Baur, assignors to Binks Manufacturing Company, Chicago, Ill. Spray drying device. 2,399,182; Apr. 30.

Gustavson, Alvin N., Bemus Point, assignor to Automatic Voting Machine Corporation, Jamestown, N. Y. Voting machine. 2,407,831; Sept. 17.

Gustavson, Alvin N., Bemus Point, assignor to Automatic Voting Machine Corporation, Jamestown, N. Y. Voting machines. 2,407,981; Sept. 24.

Gustin, Daniel S., Bloomfield, and N. H. Bryant, East Orange, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Activation of filamentary material. 2,392,318; Jan. 8.

Gustin, Daniel S., Bloomfield, and A. L. Herman, East Orange, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. End-cap electrode for discharge lamps. 2,404,057; July 16.

Guth, Edwin F., Florissant, Mo. Lighting fixture. 2,401,635; June 4.

Guth, Frederick A., Denver, Ohio. Door construction. 2,409,037; Oct. 8.

Guth, Stern & Co., Inc., assignee: *See*—
Lippincott, Joshua G.

Guthrie, Donald R.: *See*—
Stephens, Henry N., Gehrenbeck, and Guthrie.

Guthrie, George L., Balboa Island, Calif. Weighing device. 2,396,916; Mar. 19.

Guthrie, James M., Allison Park, assignor to F. S. Bloom, Pittsburgh, Pa. Industrial furnace and firing apparatus. 2,409,272; Oct. 15.

Guthrie, John B., Memphis, Tenn. Harrow hitch. 2,396,369; Mar. 12.

Guthrie, Robert G., and J. Chumasero, Chicago, Ill., assignors to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Electromagnetic product and making the same. 2,407,234; Sept. 10.

Gutoski, Emil, Cicero, Ill. Sliding window screen supporting structure. 2,408,138; Sept. 24.

Gutsch, Ernest W., Viroqua, Wis. Pump. 2,397,483; Apr. 2.

Gutteridge, John H., Arlington, Mass. Alarm clock. 2,396,947; Mar. 19.

Guttmann, Otto, Forest Hills, N. Y. Heel protector. 2,398,092; Apr. 9.

Gutzeit, Carlos L., Terre Haute, Ind., assignor to Shell Development Company. Dehydrogenation process. 2,408,139; Sept. 24.

Gutzeit, Carlos L., Terre Haute, Ind., assignor to Shell Development Company, San Francisco, Calif. Dehydrogenation catalyst. 2,408,140; Sept. 24.

Gutzeit, Gregoire, Westport, Conn. Flotation process. 2,395,866; Mar. 5.

Guy, Charles M., Pittsburgh, Pa., assignor to Carnegie-Illinois Steel Corporation. Safety device for skip cars. 2,401,150; May 28.

Guy, Hubert G.: *See*—
Bousquet, Euclid W., and Guy.

Guyer, Edwin M., and M. R. Shaw, Jr., assignors to Corning Glass Works, Corning, N. Y. Method and apparatus for electric glassworking. 2,394,051; Feb. 5.

Guyer, Jesse A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Oil desalting and/or dewatering. 2,410,970; Nov. 12.

Guyer, Reynolds, assignor to Waldorf Paper Products Company, St. Paul, Minn. Container. 2,392,042; Jan. 1.

Guyer, Reynolds, assignor to Waldorf Paper Products Company, St. Paul, Minn. Making leakproof packages. 2,402,548; June 25.

Guyer, Reynolds, assignor to Waldorf Paper Products Company, St. Paul, Minn. Compartmented fiberboard egg case. 2,404,704; July 23.

Guyer, Reynolds, assignor to Waldorf Paper Products Company, St. Paul, Minn. Method and apparatus for sealing cartons. 2,407,781; Sept. 17.

Guyer, Reynolds, and R. J. Hennessey, assignors to Waldorf Paper Products Company, St. Paul, Minn. Container for frozen foods. 2,405,499; Aug. 6.

Guyer, Reynolds, and R. M. Dunning, assignors to Waldorf Paper Products Company, St. Paul, Minn. Molded carton construction. 2,411,622; Nov. 26.

Guyon, Walter W., Rochester, N. Y. Sheet attaching mechanism. 2,405,420; Aug. 6.

Guyon, Walter W., Rochester, N. Y. Attaching a plurality of sheets. 2,405,421; Aug. 6.

Gwaltney, Eugene C., Biddeford, Maine, and H. E. Child, Newton, assignors to Saco-Lowell Shops, Boston, Mass. Textile carding machine. 2,396,571; Mar. 12.

Gwaltney, Eugene C., Biddeford, and H. R. Marsh, Saco, Maine, assignor to Saco-Lowell Shops, Boston, Mass. Yarn tensioning device. 2,405,885; Aug. 13.

Gwinn, Joseph M., Jr., San Diego, Calif. Aircraft undercarriage. 2,403,523; July 9.

Gwyn, Childress B., Jr., Bannockburn, Ill., assignor, by mesne assignments, to Allied Control Company, Inc., New York, N. Y. Self-locking nut. 2,410,730; Nov. 5.

Gyr, Josef, and R. Gunst, assignors to the Society of Chemical Industry in Basle, Basel, Switzerland, a Swiss firm. Tetrakisazodyestuffs. 2,401,868; June 11.

Gyro-Balance Company, The, assignee: *See*—
Rony, Auguste L. M. A.

Gysin, Hans: *See*—
Martin, Henry, and Gysin.

H. & A. Manufacturing Co., assignee: *See*—
Reiser, Alfred A.

H-P-M Development Corporation, assignee: *See*—
Ashbaugh, Bernard D.
Ruehrmund, George H.
Summers, Otto M.
Toulmin, Harry A., Jr.
Tucker, Warren R.

H S B Corporation, assignee: *See*—
Melas, William, and Razek.
Tinker, Walter H.

Haag, Carl J., Detroit, Mich., assignor to The Budd Company, Philadelphia, Pa. Reversible wheel. 2,410,579; Nov. 5.

Haager, Paul L., assignor to The Timken Roller Bearing Company, Canton, Ohio. Bearing mounting. 2,405,745; Aug. 13.

Haas, Gerhard J., New York, N. Y., assignor to Hoffmann-La Roche, Inc., Roche Park, Nutley, N. J. Riboflavin derivatives and preparing the same. 2,398,706; Apr. 16.

Haas, Joseph L., assignor to Hodgman Rubber Company, Framingham, Mass. Thermosetting composition. 2,396,098; Mar. 5.

Haas, Norman F., Orville, Ohio. Refrigerator. 2,394,684; Feb. 12.

Haas, Otto, Richmond Hill, assignor to Aircraft Screw Products Company, Inc., Long Island City, N. Y. Composite nut. 2,407,879; Sept. 17.

Haas, Otto R., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Sewing machine. 2,394,171; Feb. 5.

Haas, P. R., assignee, et al.: *See*—
Lewis, James O.

Haase, Jorgen L, assignor to Wingfoot Corporation, Akron, Ohio. Building pneumatic tires. 2,407,152; Sept. 3.

Haase, Robert W., Westfield, N. J., assignor to Foster Wheeler Corporation, New York, N. Y. Separator. 2,409,625; Oct. 22.

Haberlin, John F., assignor to Boeing Aircraft Company, Seattle, Wash. Aircraft gun-sighting arrangement. 2,394,305; Feb. 5.

Haberstumpf, Alfred H., assignor to The Murray Corporation of America, Detroit, Mich. Plastic joint construction. 2,392,734; Jan. 8.

Haberstump, Alfred H., assignor to The Murray Corporation of America, Detroit, Mich. Faucet. 2,392,918; Jan. 15.

Haberstump, Alfred H., assignor to The Murray Corporation of America, Detroit, Mich. Riveting device. 2,396,649; Mar. 19.

Haberstump, Alfred H., assignor to The Murray Corporation of America, Detroit, Mich. Rivet assembly and bucking device. 2,398,304; Apr. 9.

Haberstump, Alfred H., assignor to The Murray Corporation of America, Detroit, Mich. Collapsible gunstock. 2,400,349; May 14.

Haberstump, Alfred H., assignor to The Murray Corporation of America, Detroit, Mich. Water heater. 2,401,151; May 28.

Haberstump, Alfred H., and L. C. Freeman, assignors to The Murray Corporation of America, Detroit, Mich. Fluid operated timing device. 2,397,103; Mar. 26.

Habgood, Bernard J.: *See*—
Baird, William, Habgood, Harper, and Hendry.

Habib, Emile E.: *See*—
Isom, Langley W., and Habib.

Hachmuth, Karl H., Bartlesville, Okla., assignor to Phillips Petroleum Company. Hydrocarbon conversion. 2,396,173; Mar. 5.

Hachmuth, Karl H., Bartlesville, Okla., assignor to Phillips Petroleum Company. Separation of hydrocarbons. 2,411,264; Nov. 19.

Hachmuth, Karl H., Bartlesville, Okla., assignor to Phillips Petroleum Company. Solvent extraction. 2,411,785; Nov. 26.

Hachmuth, Karl H., Bartlesville, Okla., and D. G. Blaker, Mission, Kans., assignors to Phillips Petroleum Company. Hydrocarbon conversion. 2,401,242; May 28.

Hackethal, Paul F., assignor to Everel Propeller Corporation, Baltimore, Md. Propeller. 2,395,867; Mar. 5.

Hackett, James W., Newark, Ohio, and K. L. G. Copping, assignors to General Motors Corporation, Detroit, Mich. Hydraulic feed means. 2,409,850; Oct. 22.

Hackett, Robert W., East Braintree, assignor to Abrasive Products, Inc., South Braintree, Mass. Abrasive disk. 2,398,224; Apr. 9.

Hackett, Walter W., Oldbury, Birmingham, England. Manufacture of metal tubular articles. 2,392,797; Jan. 8.

Hackett, William B., Salem, Ohio, assignor to Blaw-Knox Company, Pittsburgh, Pa. Shearing apparatus. 2,397,603; Apr. 2.

Hacklander, Hans, Linden, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Feeding mechanisms for sewing machines. 2,398,225; Apr. 9.

Hacklander, Hans, Linden, N. J., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Trimming machine. 2,406,602; Aug. 27.

Haddad, Jerrier: *See*—
Leathers, Ward, and Haddad.

Haddock, Norman H., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Dyestuffs of the phthalocyanine series and preparing the same. 2,395,117; Feb. 19.

Haddock, Norman H., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Perylene derivatives. 2,409,851; Oct. 22.

Hadekel, Ruben, Warrington, England, assignor to Aeronautical & Mechanical Investments Limited. Hydraulic control system. 2,397,736; Apr. 2.

Hadekel, Ruben, Warrington, England, assignor to Aeronautical & Mechanical Investments Limited. Remote control apparatus. 2,397,937; Apr. 9.

Hadesbeck, John S., Portland, Oreg. Punchboard registering device. 2,406,603; Aug. 27.

Hadler, Bartholdt C.: *See*—
Coleman, Gerald H., and Hadler.

Hadley, Allan M.: *See*—
Benner, Howard J., and Hadley.

Hadley, David J.: *See*—
Coppock, Philip D., and Hadley.

Hadley, Frank H., assignor of one-half to B. C. D. Woolf, Birmingham, England. Workpiece holder. 2,411,790; Nov. 26.

Hadley, Wilfred N., assignor to Parks and Woolson Machine Company, Springfield, Vt. Seam protecting devices for cloth shears. 2,393,159; Jan. 15.

Hadley, Wilfred N., assignor to Parks & Woolson Machine Co., Springfield, Vt. Obtaining moisture regain in fibrous materials. 2,401,926; June 11.

Hadley, Wilfred N., assignor to Parks & Woolson Machine Co., Springfield, Vt. Apparatus for obtaining moisture regain. 2,401,927; June 11.

Hadsell, Charles P., Los Angeles, Calif. Refrigerating container. 2,393,245; Jan. 22.

Haefele, Walter R.: *See*—
Hardy, Vernal R., and Haefele.

Haefelfinger, Albert, assignor to Appareillage Gardy S. A., Geneva, Switzerland. Electrical circuit breaking fuse of the controlled operation type. 2,400,408; May 14.

Haeff, Andrew V., Washington, D. C., assignor to Radio Corporation of America. Electron discharge device. 2,398,499; Apr. 16.

Haeff, Andrew V., Washington, D. C., assignor to Radio Corporation of America. Electron discharge device. 2,398,829; Apr. 23.

Haeff, Andrew V., Washington, D. C., assignor to Radio Corporation of America. Electron discharge device. 2,400,752; May 21.

Haeff, Andrew V., Washington, D. C., assignor to Radio Corporation of America. Electron discharge device and associated circuit. 2,400,753; May 21.

Haeff, Andrew V., East Orange, N. J., assignor to Radio Corporation of America. Electron discharge device. 2,399,223; Apr. 30.

Haensel, Vladimir: *See*—
Thomas, Charles L., and Haensel.

Haensel, Vladimir, and V. N. Ipatieff, Riverside, assignors to Universal Oil Products Company, Chicago, Ill. Conversions of hydrocarbons. 2,399,224; Apr. 30.

Haensel, Vladimir, and V. N. Ipatieff, assignors to Universal Oil Products Company, Chicago, Ill. Reducing the olefin content of an olefinic distillate. 2,401,636; June 4.

Haeseler, Kurt W.: *See*—
Snell, Foster De, and Haeseler.

Haessler, Walter M.: *See*—
Grant, Harry C., Jr., and Haessler.

Haessler, William J., assignor to High Production Machine Co., Inc., Philadelphia, Pa. Sheet feeding mechanism. 2,397,258; Mar. 26.

Haff, Robert C., Mount Vernon, Ky., assignor to E. H. Steinman, Pittsburgh, Pa. Treating alunite ores and the like. 2,398,425; Apr. 16.

Häfliger, Franz: *See*—
Martin, Henry, and Häfliger.
Martin, Henry, Häfliger, Gätzi, and Grob.

Hagedorn, David O. and E. Blanco, Los Angeles, Calif. Transmission clutch. 2,392,919; Jan. 15.

Hagelin, Boris C. W., Stockholm, Sweden. Ciphering and deciphering mechanism. 2,394,765; Feb. 12.

Hagemann, August, Duisburg-Meiderich, Germany; vested in the Alien Property Custodian. Preparation of high grade antiknock motor fuels. 2,403,524; July 9.

Hagemeyer, Hugh J., Jr., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Stabilization of zein with ethylene oxide. 2,401,685; June 4.

Hagen, Clarence R.: *See*—
Baker, David B., and Hagen.

Hagen, Clarence R., Chicago, Ill., assignor to International Harvester Company. Power take-off through tractor steering column. 2,399,733; May 7.

Hagen, Clarence R., Chicago, Ill., assignor to International Harvester Company. Cotton conveying apparatus for cotton pickers. 2,401,152; May 28.

Hagen, Harold F., Wellesley, assignor to B. F. Sturtevant Company, Boston, Mass. Axial flow fan. 2,393,042; Jan. 15.

Hagen, Harry W., Decatur, Ill. Bottle closure to render bottles nonrefillable. 2,408,634; Oct. 1.

Hagen, John, Overland, Mo. Curtain or drapery tieback. 2,403,361; July 2.

Hagen, John A., Glen Rock, E. L. Gregor, Ramsey, and L. Prendergast, assignors to Molded Latex Products, Inc., Passaic, N. J. Making balloons. 2,409,486; Oct. 15.

Hagenbook, Loy D., assignor to Goodman Manufacturing Company, Chicago, Ill. Shaker conveyer. 2,404,058; July 16.

Häger, Bror O., assignor to Bolidens Gruvaktiebolag, Stockholm, Sweden. Wood preservatives. 2,408,978; Oct. 8.

Hager, Edward T.: *See*—
Wooddell, Charles E., Van Nimwegen, and Hager.

Hagerbaumer, William A.: *See*—
Fahnestock, Frank C., and Hagerbaumer.
Sinclair, Edward L., and Hagerbaumer.

Hagerstown Leather Company, assignee: *See*—
Thomas, Harry I.

Hagerty, John J., Boston, Mass. Decorative button. 2,397,856; Apr. 2.

Haggar, Joseph M., Dallas, Tex. Garment pocket. 2,413,141; Dec. 24.

Haggard, Claude C., and J. B. Meehan, Medford, Oreg. Folding stretcher. 2,409,934; Oct. 22.

Haggart, Crichton W., assignor of one-third to J. C. Urquhart, Toronto, Ontario, Canada. Safety control for hydraulic brake systems. 2,402,748; June 25.

Haglund, Hakon H., Pelham, and A. W. Breyfogel, Howard Beach, assignors to The Western Union Telegraph Company, New York, N. Y. Telegraph system. 2,406,820; Sept. 3.

Hagnauer, Hilbert W., assignee, et al.: *See*—
Gruner, William P.

Hagner, Frederick H., San Antonio, Tex., assignor to Archbold-Hagner Instrument Laboratory, Inc. Angle determining device. Re. 22,719; Feb. 12.

Hagner, Frederick H., San Antonio, Tex. Star identifier and celestial calculator. 2,397,002; Mar. 19.

Hagner, Frederick H., San Antonio, Tex. Pitch and roll indicator. 2,402,395; June 18.

Hagner, Frederick H., San Antonio, Tex. Electrical registering and position indicator. 2,402,396; June 18.

Hagner, Frederick H., San Antonio, Tex., assignor to Archbold-Hagner Instrument Laboratory, Inc. Portable angle-measuring device. 2,403,919; July 16.

Hagner, Frederick H., assignor to Position Finder Corporation, San Antonio, Tex. Navigation and instruction instrument. 2,403,920; July 16.

Hagner, Frederick H., San Antonio, Tex., assignor to Archbold-Hagner Instrument Laboratory, Inc. Observation and angle-determining instrument. 2,411,425; Nov. 19.

Hags, Joseph W., Swissvale, Pa., assignor to Carnegie-Illinois Steel Corporation. Seaming light control for pinhole detectors. 2,395,181; Feb. 19.

Hahn, Kenneth F., Minneapolis, Minn. Walking device. 2,392,735; Jan. 8.

Hahn, Otto W., assignor to Industrial Research Laboratories, Ltd., San Francisco, Calif. Gas heating burner. 2,395,868; Mar. 5.

Hahn, Paul T., Detroit, Mich., assignor to Eureka Williams Corporation. Nozzle adjustment for suction cleaners. 2,396,846; Mar. 19.

Hahn, William C., Scotia, N. Y., assignor to General Electric Company. Control system. 2,401,421; June 4.

Hahn, William C., Scotia, N. C., assignor to General Electric Company. High-frequency apparatus. 2,403,795; July 9.

Haigh, Leslie B., West Orange, N. J., assignor to Standard Telephones and Cables Limited, London, England. Electrically operated calculating equipment. 2,411,540; Nov. 26.

Haigh, Leslie B., West Orange, and F. A. Stearn, assignors to Federal Telephone & Radio Corporation, Westfield, N. J. Magnetic signal device. 2,393,901; Jan. 29.

Haigh, Leslie B., West Orange, and F. A. Stearn, Westfield, N. J., assignors to Federal Telephone and Radio Corporation, New York, N. Y. Telephone key. 2,410,062; Oct. 29.

Haight, John L., Jr., Fort Worth, Tex. Internal-combustion engine. 2,408,554; Oct. 1.

Haight, Norman L., assignor to Sperry Products, Inc., Hoboken, N. J. Data transmitter. 2,409,559; Oct. 15.

Haight, Norman L., assignor to Sperry Products, Inc., Hoboken, N. J. Data transmitter. 2,409,560; Oct. 15.

Hailes, William D., Brighton, and J. F. Merkel, assignors to General Railway Signal Company, Rochester, N. Y. Electric train recorder for railway dispatching systems. 2,394,172; Feb. 5.

Hailes, William D., Brighton, F. W. Brixner, Gates, W. M. Barker, Greece, and A. V. Dasburg, Brighton, assignors to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. 2,399,734; May 7.

Hain, Leon, Brooklyn, N. Y. Milling fixture. 2,412,454; Dec. 10.

Hain, Malcolm, Montclair, N. J. Manufacture of yarn. 2,398,000; Apr. 9.

Haine, Michael E., Sale, assignor to Metropolitan-Vickers Electrical Company Limited, London, England. Circuit used in generating electrical impulses. 2,400,113; May 14.

Haine, Michael E., Sale, assignor to Metropolitan-Vickers Electrical Company Limited, London, England. Spark Gap electrical apparatus. 2,400,457; May 14.

Haine, Michael E., and J. M. Meek, Sale, assignors to Metropolitan-Vickers Electrical Company Limited, London, England. Spark gap electrical apparatus. 2,400,456; May 14.

Haines, Edward C., Moorestown, assignor to Geo. D. Wetherill Varnish Co., Inc., Camden, N. J. Preparing alkyd resins. 2,396,698; Mar. 19.

Haines, Harry F., assignor to The Timken Roller Bearing Company, Canton, Ohio. Fuel injector. 2,392,474; Jan. 8.

Haines, John F.: *See*—
Blanchard, Werner J., MacNeil, Haines, and Martin.
Martin, Thomas B., and Haines.

Haines, Paul G.: *See*—
Woodward, Charles F., Eisner, and Haines.

Haines, Ray E., Hastings on Hudson, and J. V. Adams, New Rochelle, N. Y. Electric soldering device. 2,397,348; Mar. 26.

Hait, James M., San Gabriel, assignor to Food Machinery Corporation, San Jose, Calif. Amphibian propulsion mechanism. 2,393,368; Jan. 22.
Hait, James M., San Gabriel, assignor to Food Machinery Corporation, San Jose, Calif. Resilient axle support. 2,393,369; Jan. 22.
Hait, James M., San Gabriel, assignor to Food Machinery Corporation, San Jose, Calif. Amphibian propulsion mechanism. 2,397,104; Mar. 26.
Hait, James M., San Gabriel, assignor to Food Machinery Corporation, San Jose, Calif. Chain mechanism. 2,397,105; Mar. 26.
Hait James M., San Gabriel, assignor to Food Machinery Corporation, San Jose, Calif. Amphibian propulsion mechanism. 2,404,486; July 23.
Hait, James M., San Gabriel, assignor to Food Machinery Corporation, San Jose, Calif. Amphibian propulsion mechanism. 2,404,487; July 23.
Hait, James M., San Gabriel, assignor to Food Machinery Corporation, San Jose, Calif. Amphibian propulsion mechanism. 2,404,488; July 23.
Hait, James M., San Gabriel, assignor to Food Machinery Corporation, San Jose, Calif. Amphibian. 2,404,489; July 23.
Hait, James M., San Gabriel, assignor to Food Machinery Corporation, San Jose, Calif. Amphibian propulsion mechanism. 2,404,490; July 23.
Hait, James M., San Gabriel, assignor to Food Machinery Corporation, San Jose, Calif. Amphibian steering mechanism. 2,404,491; July 23.
Hait, James M., San Gabriel, assignor to Food Machinery Corporation, San Jose, Calif. Amphibian. 2,404,492; July 23.
Hait, James M., San Gabriel, assignor to Food Machinery Corporation, San Jose, Calif. Amphibian. 2,406,288; Aug. 20.
Hait, James M., San Gabriel, assignor to Food Machinery Corporation, San Jose, Calif. Amphibian. 2,406,289; Aug. 20.
Hait, James M., San Gabriel, assignor to Food Machinery Corporation, San Jose, Calif. Amphibian. 2,406,290; Aug. 20.
Hait, James M., San Gabriel, assignor to Food Machinery Corporation, San Jose, Calif. Amphibian steering mechanism. 2,408,928; Oct. 8.
Hait, James M., San Gabriel, assignor to Food Machinery Corporation, San Jose, Calif. Chain bearing seal. 2,411,207; Nov. 19.
Halt, James M., San Gabriel, and T. B. Keesling, assignors to Food Machinery Corporation, San Jose, Calif. Running gear. 2,403,362; July 2.
Halt, James M., San Gabriel, and P. S. Devirian, and D. R. Rankin, Los Angeles, assignors to Food Machinery Corporation, San Jose, Calif. Amphibian. 2,404,493; July 23.
Halvala, William S., Kennewick, Wash. Concrete float. 2,410,343; Oct. 29.
Hajoca Corporation, assignee: *See*—
Dodge, William R.
Halbert, William E., Fort Worth, Tex. Flowing wells. 2,398,527; Apr. 16.
Halby, Edwin G., and R. J. Bushong, assignors to The Marion Steam Shovel Company, Marion, Ohio. Rotary seal. 2,404,494; July 23.
Hale, Erwin: *See*—
Doyle, Irving W., and Hale.
Hale, George H., assignee: *See*—
Ruskin, Henry.
Hale, James E., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Bead lock. 2,393,494; Jan. 22.
Hale, Jesse W., Weston, Mass. Change-speed device. 2,402,248; June 18.
Hale, William J., assignor of one-half to J. C. Lipps, Wise, Va. Wheeled vehicle. 2,403,217; July 2.
Hale, Willilam J., Midland, Mich., and H. Miller, Columbia, Mo., assignors, by direct and mesne assignments, to National Agrol Company, Inc., Washington, D. C. Dehydration of alcohols. 2,400,409; May 14.
Haley, Hugh D., Drexel Hill, Pa., assignor to American Viscose Corporation, Wilmington, Del. Laminated bucket. 2,401,069; May 28.
Haley, Hugh D., Drexel Hill, and H. D. Schaffer, Boothwyn, Pa., assignors to American Viscose Corporation, Wilmington, Del. Funnel guide mounting. 2,411,035; Nov. 12.
Haley, Joe B., Houston, Tex. Lipstick holder. 2,397,416; Mar. 26.
Haley, Joe B., Houston, Tex. Attachment for toilets. 2,407,005; Sept. 3.
Halford, Frank B., Hatfield, assignor to The De Havilland Aircraft Company, Limited, Hatfield Aerodrome, England. Apparatus for testing the aerodynamic balance of airscrews. 2,394,766; Feb. 12.
Halford, Frank B., Edgware, assignor to The De Havilland Aircraft Company Limited, Hatfield, Hertfordshire, England. Turbo-compressor propulsive apparatus. 2,399,865; May 7.
Halford, Frank B., assignor to The De Havilland Aircraft Company Limited, Edgware, England. Turbine. 2,401,826; June 11.
Halford, Frank B., Edgware, and C. L. Cowdrey, Hitchin, assignors to D. Napier & Son Limited, London, England. Cooling of engines in aircraft. 2,405,422; Aug. 6.
Halicki, William A., Detroit, Mich., and D. B. Gordon, Corvallis, Oreg., assignors to National Steel Corporation. Shelter. 2,397,259; Mar. 26.
Haling, Otto W., Rochester, Minn., assignor to Burd Piston Ring Company, Rockford, Ill. Ring boring machine. 2,410,819; Nov. 12.
Hall, Alfred G. W.: *See*—
Scott-Paine, Hubert.
Hall, Archibald J., and F. C. Wood, assignors to Tootal Broadhurst Lee Company Limited, Manchester, England. Treatment of wool 2,401,479; June 4.
Hall, Arthur G.: *See*—
Ashbaugh, Robert P., and Hall.
Hall, Charles L., Detroit, Mich., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Adjustable rotary fastener stud. 2,395,220; Feb. 19.
Hall, Charles W., assignor of one-half to E. C. Heald and one-half to V. B. Ginsberg, Denver, Colo. Rotary valve. 2,394,767; Feb. 12.
Hall, Charles W., assignor to Malcolm S. Losey, Denver, Colo. Quick opening rotary valve. 2,411,321; Nov. 19.
Hall, Charles W., assignor to M. S. Losey, Denver, Colo. Air-cooled rotary valve. 2,412,260; Dec. 10.
Hall, Charles W., assignor to M. S. Losey, Denver, Colo. Rotary valve. 2,412,261; Dec. 10.
Hall, Chester I., Vischer's Ferry, N. Y., assignor to General Electric Company. Thermomotive device. 2,399,020; Apr. 23.
Hall, Chester I., Vischer's Ferry, N. Y., assignor to General Electric Company. Electromagnetic control apparatus. 2,404,227; July 16.
Hall, Chester I., Rexford, and A. W. Bedford, Schenectady, N. Y., assignors to General Electric Company. Electric switch. 2,401,153; May 28.
Hall, Edwin S., Farmington, Conn. Steam engine. 2,406,291; Aug. 20.
Hall, Edwin S., Farmington, Conn., assignor to Rogers Diesel and Aircraft Corporation, New York, N. Y. Engine frame. 2,406,292; Aug. 20.
Hall, Elisha W., Scituate, Mass. Abrading wheel. 2,395,325; Feb. 19.
Hall, Elisha W., Scituate, Mass. Rotary disk abrading tool. 2,413,346; Dec. 31.
Hall, Ellis C., Jackson, Miss. Amusement device. 2,397,857; Apr. 2.
Hall, Garland W., Port Neches, R. F. Sens, Beaumont, and M. A. Furth, Nederland, Tex., assignors to The Pure Oil Company, Chicago, Ill. Bit. 2,411,209; Nov. 19.
Hall, Glen R., Uhrichsville, Ohio. Traffic counter. 2,403,277; July 2.
Hall, Guy H., assignee: *See*—
Ernst, Fred.
Hall, Harold E., Short Hills, and A. F. Knoll, Westfield, assignors to Metals Disintegrating Company, Inc., Elizabeth, N. J. Manufacturing magnesium powder. 2,394,052; Feb. 5.
Hall, Harry E., Tenafly, N. J., assignor to Otis Elevator Company, New York, N. Y. Positioning apparatus for elevator guide rails. 2,402,888; June 25.
Hall, Homer J.: *See*—
Tongberg, Carl O., and Hall.
Hall, Homer J., Roselle, and J. C. Munday, Cranford, N. J., assignors to Standard Oil Development Company. Purification of gases. 2,411,208; Nov. 19.
Hall, Horace W., Newton, Mass. Curing adhesive bonds in laminated structures. 2,406,680; Aug. 27.
Hall, Ike D., Baytown, Tex., assignor to Standard Oil Development Company. Separation of olefins. 2,400,350; May 14.
Hall, James, Leeds, assignor to Kingswood Manufacturing Co. Limited, Letchworth, Herts, England. Machine for making circular lathe brushes. 2,411,265; Nov. 19.
Hall, Jesse E., Weatherford, Tex. Pipe-line cleaner. 2,392,144; Jan. 1.
Hall, Jesse E., Weatherford, Tex. Cement basket. 2,392,145; Jan. 1.
Hall, Jesse E., Weatherford, Tex. Drill pipe wiper. 2,392,146; Jan. 1.
Hall, John B., Wakefield, assignor of one-half to F. I. Hardy, Boston, Mass. Dimension gauge. 2,410,877; Nov. 12.
Hall, John L., Narrows, and A. M. Santolla, Pearisburg, Va., assignors to Celanese Corporation of America. Winding machine control. 2,404,838; July 30.
Hall, John M., New York, N. Y. Ice air conditioning system. 2,408,635; Oct. 1.
Hall, John R., Chicago, Ill., assignor to International Harvester Company. Grinding mill. 2,394,053; Feb. 5.
Hall, John R., Chicago, Ill., assignor to International Harvester Company. Grinding mill. 2,405,692; Aug. 13.
Hall, Joseph M., Chicago, Ill., assignor to Drying & Concentrating Company. Apparatus for dehydrating liquid products. 2,400,458; May 14.
Hall, Joseph M., Chicago, Ill., assignor to Drying & Concentrating Company. Method of and apparatus for concentrating and dehydrating liquid products. 2,400,459; May 14.
Hall, Joseph M., Chicago, Ill., assignor to Drying & Concentrating Company. Dehydrated edible product and obtaining same. 2,400,460; May 14.

Hall, Joseph S., Sale, England, assignor to Metropolitan-Vickers Electrical Company Limited. Turbine installation. 2,394,685; Feb. 12.
Hall, Julius, Wheelwright, Ky. Safety gas valve. 2,396,324; Mar. 12.
Hall, Kenneth J., assignor, by mesne assignments, to The Elliot Company, Worcester, Mass. Internal forming device. 2,411,426; Nov. 19.
Hall Laboratories, Inc., assignee: *See*—
Kaufman, Charles E.
Partridge, Everett P.
Hall, Larry G., St. Louis, Mo., and Herman G. Boucher, Wood River, Ill., assignors to Shell Development Company, San Francisco, Calif. Production of gasoline. 2,407,492; Sept. 10.
Hall, Louis P., Jr., Morristown, N. J. Making boat hulls. 2,412,455; Dec. 10.
Hall, Marvin J., Evanston, Ill., assignor to The Kendall Company, Boston, Mass. System for tubing surgical materials. 2,394,054; Feb. 5.
Hall, Nathan I., assignee: *See*—
Hall, William D.
Hall, Roger N.: *See*—
Fremlin, John H., and Hall.
Hall, Roy D., Pottersville, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electric furnace. 2,404,059; July 16.
Hall, Roy D., Millington, and E. Romanelli, Bloomfield, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. High temperature furnace. 2,404,060; July 16.
Hall, Selden H., assignor to James L. Taylor Mfg. Co., Poughkeepsie, N. Y. Continuous gluing machine. 2,408,064; Sept. 24.
Hall, Teller R., Los Angeles, Calif. Collet chuck. 2,396,006; Mar. 5.
Hall, Theodore P., San Diego, Calif., assignor to Consolidated Vultee Aircraft Corporation. Aircraft load handling system. 2,412,729; Dec. 17.
Hall, Theodore P., and B. Smith, assignors to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Collapsible float for aircraft. 2,399,346; Apr. 30.
Hall, William D., Elkins, W. Va., assignor to Nathan I. Hall, Madison, N. J. Control system. 2,399,673; May 7.
Hall, William M., Lexington, Mass., assignor to Research Corporation, New York, N. Y. Method of and instrument for guiding aircraft. 2,400,232; May 14.
Hallborg, Henry E., Upper Montclair, N. J., C. N. Gillespie, Brooklyn, and G. R. Clark, Staten Island, N. Y., assignors to Radio Corporation of America. Synchronizing device. 2,403,921; July 16.
Hallen, Carl E., assignor to J. B. Crofoot Co., Mount Prospect, Ill. Cushion head for stapling devices. 2,393,769; Jan. 29.
Haller, Herbert L. J.: *See*—
Gertler, Samuel I., and Haller.
Haller, John, Northville, Mich. Fluid transmission system for machine tools. 2,397,106; Mar. 26.
Halley, James W., assignor to Inland Steel Company, Chicago, Ill. Alloy steel. 2,402,135; June 18.
Halliburton Oil Well Cementing Co., assignee: *See*—
Anderson, Francis M.
Bradshaw, John R.
Edwards, Roy E.
Halliday, Eric C.: *See*—
Rolfes, Hans J., and Halliday.
Halliday, George F., assignor to Aero Engines Limited, Bristol, England. Valve actuation. 2,401,480; June 4.
Halliday, George F., Kingswood, Bristol, assignor to Aero Engines Limited, Bristol, England. Resilient suspension of vehicle wheels. 2,401,869; June 11.
Halliday, George F., and A. W. Thomas, Kingswood, Bristol, England, assignors to Douglas (Kingswood) Limited. Connection of clutches to speed gears. 2,407,955; Sept. 17.
Hallinan, William W., Mendota, Ill. Stoker control. 2,393,680; Jan. 29.
Hallman, Alvin O.: *See*—
Butt, Charles A., Hallman, Bowden, Whitlow, and Pace.
Hallmark, Clyde E., Fort Wayne, Ind., assignor to Farnsworth Television and Radio Corporation. Synchronizing signal generator. 2,407,956; Sept. 17.
Hallmark, Clyde E., Fort Wayne, Ind., assignor to Farnsworth Television and Radio Corporation. Image disector tube. 2,412,086; Dec. 3.
Hallock, Robert L., Larchmont, N. Y., assignor to Elastic Stop Nut Corporation of America, Union, N. J. Fastening device. 2,404,372; July 23.
Halloran, James J.: *See*—
Forbes, Allan D., Leonard, and Halloran.
Hallowell, Alban T., and G. T. Vaala, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of thionyl chloride. 2,393,247; Jan. 22.
Hallowell, Howard T., Jr., assignor to Pennsylvania Manufacturing Company, Jenkintown, Pa. Inspection gauge. 2,393,246; Jan. 22.
Hallum, Jesse J., Sr., Cleveland, Tenn., assignor of one-half to C. Parker, Rome, Ga. Stove. 2,401,928; June 11.
Hallum, Robert K., Brownwood, Tex. Handle. 2,404,495; July 23.
Hallward, Michael, Swampscott, Mass. Life raft. 2,413,226; Dec. 24.
Haloski, Frank, assignor to Vacuum Can Company, Chicago, Ill. Carrying rack. 2,392,043; Jan. 1.
Halpern, William, New York, K. Welner, Elmhurst, and R. Krochmal, New York, N. Y. Cover. 2,412,262; Dec. 10.
Halpert, Percy: *See*—
Frische, Carl A., Bentley, and Halpert.
Hanson, Gerald N., Halpert, and Frische.
Halstead, John F., Brooklyn, N. Y., assignor to International Cigar Machinery Company. Indicator mechanism. 2,396,948; Mar. 19.
Halstead, Laban R., assignor to Eugene Dietzgen Co., Chicago, Ill. Drafting machine. 2,407,235; Sept. 10.
Halstead, William S., Purchase, N. Y., assignor, by mesne assignments, to Farnsworth Television & Radio Corporation, Fort Wayne, Ind. Induction radio system. 2,394,444; Feb. 5.
Halstead, William S., Purchase, N. Y., assignor, by mesne assignments, to Farnsworth Television & Radio Corporation, Fort Wayne, Ind. Signaling system. 2,398,741; Apr. 16.
Halstead, William S., Purchase, N. Y., assignor, by mesne assignments, to Farnsworth Television & Radio Corporation, Fort Wayne, Ind. Supervisory system for communication circuits. 2,398,742; Apr. 16.
Halstead, William S., Purchase, N. Y., assignor, by mesne assignments, to Farnsworth Television & Radio Corporation, Fort Wayne, Ind. Communications system. 2,407,417; Sept. 10.
Halstead, William S., Purchase, N. Y., assignor, by mesne assignments, to Farnsworth Television & Radio Corporation, Fort Wayne, Ind. Communications system. 2,411,786; Nov. 26.
Halstead, William S., Huntington, and B. C. Lord, Valley Stream, N. Y., assignors, by mesne assignments, to Farnsworth Television & Radio Corporation, Fort Wayne, Ind. Signaling system. 2,405,501; Aug. 6.
Halvey, Arthur F., assignor to Traders Supplies Limited, Auckland, New Zealand. Aerial bomb. 2,398,740; Apr. 16.
Halvorsen, William T.: *See*—
Devine, James H., and Halvorsen.
Haman, Howard H., and C. E. Whalen, assignors to The Warren Featherbone Co., Three Oaks, Mich. Sealing together two pieces of waterproof fabric, and the seam formed thereby. 2,406,830; Sept. 3.
Hambacher, August M., Denver, Colo. Folding doll bed. 2,406,496; Aug. 27.
Hambelton, Charles L., San Francisco, Calif. Universal joint. 2,397,003; Mar. 19.
Hamblet, Clement H.: *See*—
Weber, Arthur G., and Hamblet.
Hamblet, Clement H., Gordon Heights, assignor to E. I. du Pont de Nemours & Company. Preparation of soaps. 2,409,678; Oct. 22.
Hamel, William W., assignor of two-thirds to A. E. Lackenbach, and one-third to L. Stark and S. Kaplan, New York, N. Y. Manufacturing metal coated articles. 2,400,304; May 14.
Hamill, William H., and R. R. Vogt, Notre Dame, Ind., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Acetylene solutions. 2,405,693; Aug. 13.
Hamilton, Alfred E., Pittsburgh, Pa. Contour cutting apparatus. 2,401,422; June 4.
Hamilton Associated Industries, assignee: *See*—
Antalek, John J.
Hamilton, Charles D. P., Jr., assignee, et al.: *See*—
Walsh, John J.
Hamilton, Clarence R., Roseville, J. King, Glendale, Calif., and J. D. Baker, Winnetka, Ill., assignors to Johns-Manville Corporation, New York, N. Y. Refrigerator car drip pan. 2,409,273; Oct. 15.
Hamilton, Edward P., assignor to Hamilton Manufacturing Company, Two Rivers, Wis. Drawer structure. 2,398,528; Apr. 16.
Hamilton, Everett R., assignee, et al.: *See*—
Walsh, John J.
Hamilton, Forest R., assignee, et al.: *See*—
Walsh, John J.
Hamilton, Francis E.: *See*—
Lake, Clair D., and Hamilton.
Lake, Clair D., Hamilton, and Durfee.
Hamilton, George M., assignor to Callender's Cable & Construction Company Limited, London, England. Manufacture of rubber in cellular form. 2,404,171; July 16.
Hamilton, Hugh G., and L. C. Pratt, Baldwin, and A. Skrobisch, New York, assignors to Eastern Air Devices, Inc., Brooklyn, N. Y. Dynamoelectric machine assembly. 2,411,684; Nov. 26.
Hamilton, James H., Burbank, Calif., and H. J. White, Cambridge, Mass.; said Hamilton assignor to Western Precipitation Corporation, Los Angeles, Calif., and said White assignor to Research Corporation, New York, N. Y. Rapping device. 2,392,088; Jan. 1.
Hamilton, James K., Plainfield, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Device for purifying oxygen and the like. 2,398,830; Apr. 23.

Hamilton, Jean W.: *See*—
Ingalls, David, and Hamilton.

Hamilton, Julian P., Pelly, and C. F. Jones, Goose Creek, Tex., assignors to Standard Oil Development Company. Filtering. 2,404,061; July 16.

Hamilton, Kenneth, assignor to Mohawk Carpet Mills, Inc., Amsterdam, N. Y. Paper yarn. 2,407,926; Sept. 17.

Hamilton, Lyle A.: *See*—
Detrick, Stanley R., and Hamilton.

Hamilton Manufacturing Company, assignee: *See*—
Hamilton, Edward P.

Hamilton, Monroe H., assignee: *See*—
Bowers, Thomas A.

Hamilton, Nathan H.: *See*—
Nygaard, Edwin M., McCracken, and Hamilton.

Hamilton, Robert M.: *See*—
Nichols, Peter L., Jr., and Hamilton.

Hamilton, Robert M., and P. L. Nichols, Jr., Philadelphia, Pa., assignors to United States of America as represented by Secretary of Agriculture. Preparation of organic solvent-soluble unsaturated carbobydrate ethers and products produced thereby. 2,406,369; Aug. 27.

Hamilton, Ronald M., Churt, Farnham, England. High-speed vehicle. 2,399,021; Apr. 23.

Hamilton, Sam, Ardmore, assignor to The Electric Tachometer Corporation, Philadelphia, Pa. Speed indicator transmission. 2,407,077; Sept. 3.

Hamilton, Samuel H., Philadelphia, and L. W. Shelly, assignors to The Aldrich Pump Company, Allentown, Pa. Piston construction. 2,413,347; Dec. 31.

Hamilton, Thomas F., Chicago, Ill. Dispensing device. 2,393,370; Jan. 22.

Hamilton, Virgil, assignee: *See*—
Antalek, John J.

Hamilton, Wallace, Albany, N. Y., assignor to Draper Corporation, Hopedale, Mass. Picker stick checking mechanism. 2,408,636; Oct. 1.

Hamilton, Wallace, assignor to Consolidated Car-Heating Company, Albany, N. Y. Solenoid locked push door. 2,411,266; Nov. 19.

Hamilton Watch Company, assignee: *See*—
Bennett, William O., Jr.
Carlstrom, Elis F.
Heffelfinger, Robert D.
Kleiner, Albert J.
Vermot, Henri E.
Walsh, John J.

Hamilton, William F., Altadena, M. F. George, Jr., Hollywood, and G. B. Weible, North Hollywood, assignors to Lockheed Aircraft Corporation, Burbank, Calif. Lubricating and hydraulic composition. 2,392,530; Jan. 8.

Hamlett, Sidney J., Jr., Parma, assignor to White Sewing Machine Corporation, Cleveland, Ohio. Bobbin winder for sewing machines. 2,412,456; Dec. 10.

Hamlin, Jerry F., Mill Valley, Calif. Hydraulic egg turning mechanism. 2,404,228; July 16.

Hamlin Metal Products Company, The, assignee: *See*—
Walklet, Mercer D.

Hammel, Riglander & Co. Inc., assignee: *See*—
Cormier, Louis A.
Konikoff, Robert H.

Hammell, Kemper M., Detroit, Mich., assignor to Eureka Williams Corporation. Machine gun recharger. 2,406,461; Aug. 27.

Hammer, Bernard W.: *See*—
Horneman, Herman C., Hussong, Quam, and Hammer.

Hammer, Oscar H., South Haven, assignor to The Dow Chemical Company, Midland, Mich. Parasiticide composition. 2,403,435; July 9.

Hammer, Samuel E.: *See*—
Harrington, Michael J., and Hammer.

Hammermill Paper Company, assignee: *See*—
Samson, Edward W.

Hammerschlag, Heinz B., assignee: *See*—
Henschel, Heinz.

Hammon, James H., Vincennes, Ind. Multifocal ophthalmic lens blank. 2,405,826; Aug. 13.

Hammond, Grant, West Haven, assignor to F. Kenna, New Haven, Conn. Razor. 2,393,366; Jan. 22.

Hammond Instrument Company, assignee: *See*—
Hammond, Laurens, and Hanert.
Stephens, George H.

Hammond, John A. S., Glenbrook, Conn., assignor, by mesne assignments, of one-half to U. S. Industrial Chemicals, Inc., New York, N. Y., and one-half to Wyandotte Chemicals Corporation, Wyandotte, Mich. Manufacture of dichlorethane. 2,393,367; Jan. 22.

Hammond, John A. S., Glenbrook, Conn., assignor to U. S. Industrial Chemicals, Inc., New York, N. Y. Apparatus for catalytic operations. 2,404,574; July 23.

Hammond, John H., Jr., Gloucester, Mass. Sound propagating apparatus. 2,397,107; Mar. 26.

Hammond, John H., Jr., Gloucester, Mass. Gyrostabilized bomb control system. 2,406,293; Aug. 20.

Hammond, John H., Jr., Gloucester, Mass. Antenna release mechanism. 2,411,828; Nov. 26.

Hammond, John H., Jr., Gloucester, Mass., assignor to the United States of America as represented by the Secretary of Navy. Control of torpedo antenna. 2,396,463; Mar. 12.

Hammond, John H., Jr., Gloucester, Mass., assignor to Radio Corporation of America. Detection of submerged objects. 2,401,929; June 11.

Hammond, John H., Jr., Gloucester, Mass., assignor to Radio Corporation of America. Secrecy communication system. 2,404,839; July 30.

Hammond, John H., Jr., Gloucester, Mass., assignor to Radio Corporation of America. Navigational guide system. 2,408,848; Oct. 8.

Hammond, John H., Jr., Gloucester, Mass., assignor to Radio Corporation of America. Radio controlled mine. 2,411,787; Nov. 26.

Hammond, John H., Jr., Gloucester, Mass., assignor to Radio Corporation of America. Bomb control system. 2,411,788; Nov. 26.

Hammond, John H., Jr., Gloucester, Mass., assignor to Radio Corporation of America. Signaling system. 2,413,348; Dec. 31.

Hammond, John H., Jr., Gloucester, Mass., assignor to Radio Corporation of America, New York, N. Y. Radio controlled rocket. 2,413,621; Dec. 31.

Hammond, John H., Jr., and E. S. Purington, Gloucester, Mass., assignors to Radio Corporation of America, New York, N. Y. Selectivity by phase quadrature using triple selectivity circuits. 2,404,062; July 16.

Hammond, John V., Spangler, and D. J. Keenan, Barnesboro, Pa., said Keenan assignor to said Hammond. Blasting unit and short-circuiting device. 2,407,605; Sept. 10.

Hammond, Laurens, Chicago, Ill. Steering apparatus. 2,408,929; Oct. 8.

Hammond, Laurens, Chicago, and J. M. Hanert, Wilmette, Ill.; said Hanert assignor to Hammond Instrument Company. Frequency meter. 2,408,930; Oct. 8.

Hammond, Leonard M., Guelph, Ontario, Canada. Variable condenser. 2,394,686; Feb. 12.

Hampel, Clifford A., Painesville, Ohio, and J. E. Weller, Lake Charles, La., assignors to The Mathieson Alkali Works, Inc., New York, N. Y. Purifying metal halide solutions. 2,395,221; Feb. 19.

Hampton, Leon N., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wiping plate. 2,402,998; July 2.

Hampton, Wilfred M.: *See*—
Rustick, Raymond E., Hampton, and Wang.

Hampton, William J., South Euclid, assignor to Addressograph-Multigraph Corporation, Cleveland, Ohio. Perforating device. 2,394,377; Feb. 5.

Hamren, Joseph O., Minneapolis, Minn. Variable-speed transmission. 2,404,229; July 16.

Hamrick, Lyman, Gaffney, S. C. Multiple needle tufting machine. 2,411,267; Nov. 19.

Hamrick, Lyman, Gaffney, S. C. Multiple needle looping machine. 2,411,268; Nov. 19.

Hanak, Albert, Elkins Park, Pa. Apparatus for separation of metallic values. 2,393,467; Jan. 22.

Hanak, Albert, Elkins Park, Pa. Separation of metallic values. 2,393,468; Jan. 22.

Hancock, Brenda A.: *See*—
Hancock, William A. and B. A.

Hancock, David, Jr., and H. E. Meinema, Chicago, Ill. Camera for aerial photography. 2,413,349; Dec. 31.

Hancock Manufacturing Company, assignee: *See*—
De Orlow, Stephen.
Marple, Rollo.

Hancock, William A. and B. A., Maroubra, near Sydney, New South Wales, Australia. Device for carrying children. 2,411,721; Nov. 26.

Handelian, Daniel, assignor of one-half to E. H. Wilson, Minneapolis, Minn. Combination heater and refuse burner. 2,404,705; July 23.

Handler, Alfred A., Cleveland, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Making hollow propellers. 2,394,445; Feb. 5.

Handler, Alfred A., Cleveland, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Propeller. 2,394,446; Feb. 5.

Handley, George F., deceased, Glendale, by M. J. Handley, executrix, Yonkers, assignor to Royal Typewriter Company, Inc., New York, N. Y. Power operated typewriting machine. 2,411,496; Nov. 19.

Handley, John: *See*—
Grace, Bertram B., Handley, and Gilliver.
Harrley, George C., McWhirter, and Handley.

Handley, John: *See*—
Grace, Bertram B., Handley, and Gilliver.

Handley, John, London, W. C. 2, England, assignor, by mesne assignments, to International Standard Electric Corporation, New York, N. Y. Electrical measuring instrument. 2,396,464; Mar. 12.

Handley, Matilda J., executrix: *See*—
Handley, George F.

Handley, William C., Frodsham, J. C. Quayle, Manley, Helsby, via Warrington, and E. G. McLeod, Helsby, via Warrington, assignors to British Insulated Cables Limited, Prescot, Lancashire, England. Mounting electric condensers or other articles on support plates. 2,395,326; Feb. 19.

Hands, C. Alfred, assignee, et al.: *See*—
Engler, Herman.

Handt, Maria M., New York, N. Y. Garment. 2,407,550; Sept. 10.

Hanert, John M.: *See*—
Hammond, Laurens, and Hanert.

Haney, Clifford I., and M. E. Martin, Cumberland, Md., assignors to Celanese Corporation of America. Insulating material. 2,398,001; Apr. 9.

Haney, Clifford I., Greenwich, Conn., M. E. Martin, and T. M. Andrews, Cumberland, Md., assignors to Celanese Corporation of America. Cellulose purification. 2,408,849; Oct. 8.

Hanff, Ludovic, Warwick, R. I. Relay device. 2,407,418; Sept. 10.

Hanford, William E.: *See*—
Brubaker, Merlin M., and Hanford.

Hanford, William E., Easton, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Copolymers of chlorotrifluoroethylene and olefin hydrocarbons. 2,392,378; Jan. 8.

Hanford, William E., Easton, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical product and making the same. 2,396,786; Mar. 19.

Hanford, William E., Easton, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymerizing olefins. 2,405,950; Aug. 20.

Hanford, William E., Easton, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilization of tetrafluoroethylene. 2,407,419; Sept. 10.

Hanford, William E., Easton, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Saturated polyfluoro carbonyl compounds and their preparation. 2,411,158; Nov. 19.

Hanford, William E., Easton, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Lubricant. 2,411,159; Nov. 19.

Hanford, William E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymerizing olefinic materials. 2,395,327; Feb. 19.

Hanford, William E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymerizing olefins with other polymerizable organic compounds. 2,396,785; Mar. 19.

Hanford, William E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical composition. 2,398,426; Apr. 16.

Hanford, William E., J. E. Kirby, and D. W. Woodward, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Dye intermediates. 2,396,917; Mar. 19.

Hanford, William E., Wilmington, and J. R. Roland, McDaniel Heights, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymerization of ethylene with other polymerizable substances. 2,397,260; Mar. 26.

Hanford, William E., Wilmington, and J. R. Roland, McDaniel Heights, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymerization of ethylene with other polymerizable substances. 2,402,136; June 18.

Hanford, William E., Easton, Pa., and J. R. Roland, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. High molecular weight products of ethylene. 2,402,137; June 18.

Hanford, William E., Easton, Pa., and G. W. Rigby, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Polyfluoro organic ethers and their preparation. 2,409,274; Oct. 15.

Hanford, William E., Wilmington, and J. R. Roland, McDaniel Heights, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymers of ethylene and halovinyl compounds and their preparation. 2,409,679; Oct. 22.

Hanhart, Walter, Riehen, assignor to Society of Chemical Industry of Basle, Basel, Switzerland. Polyazo dyestuffs of the stilbene series and making same. 2,405,353; Aug. 6.

Hanisch, Max C., Jr., and A. S. Friedman, Peshtigo, Wis. Brooder house. 2,392,920; Jan. 15.

Hanks, George R., Clinton, assignor to Taylor-Wharton Iron and Steel Company, High Bridge, N. J. Chain dredge bucket and forming. 2,398,786; Apr. 23.

Hanley, Stanley M., assignee, et al: *See*—
Bixby, William H.

Hanlon, Robert H.: *See*—
Doster, Howard G., Hanlon, and Farnsworth.

Hanna, Anne D., Los Angeles, Calif. Drying line and self-locking reel therefor. 2,412,396; Dec. 10.

Hanna, Atto N., Atlantic Highlands, N. J. Key holder. 2,407,153; Sept. 3.

Hanna, Clinton R.: *See*—
Lynn, Lawrence B., and Hanna.

Hanna, Clinton R., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Stabilizer apparatus. 2,404,172; July 16.

Hanna, Clinton R., Pittsburgh, and L. B. Lynn, Wilkinsburg, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Position regulated gun mount. 2,391,965; Jan. 1.

Hanna, Clinton R., and W. O. Osbon, Pittsburgh, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Tracer controlled position finder. 2,397,108; Mar. 26.

Hanna, Clinton R., Pittsburgh, and S. J. Mikina, Wilkinsburg, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Acceleration-responsive governor systems. 2,407,982; Sept. 24.

Hanna Engineering Works, assignee: *See*—
Hanna, John C.

Hanna, John C., assignor to Hanna Engineering Works, Chicago, Ill. Gear pump. 2,403,796; July 9.

Hanna, William T., Cincinnati, Ohio. Stoker conveyer. 2,418,448; Dec. 31.

Hannah, Perry C., assignor to United Aircraft Products, Inc., Dayton, Ohio. Heat exchange unit. 2,396,650; Mar. 19.

Hannant, Theodore N., Cedar Grove, assignor to Specialties Development Corporation, Bloomfield, N. J. Actuator. 2,407,269; Sept. 10.

Hanners, Harvey W., Springfield, Ohio, assignor to the National Supply Company, Pittsburgh, Pa. Cooling system for internal-combustion engines. 2,403,218; July 2.

Hannewald, Burton A., J. J. Lee, and J. M. Wheatley, Indianapolis, Ind., assignors to Bemis Bro. Bag Company, St. Louis, Mo. Bag turner. 2,410,731; Nov. 5.

Hannon, James C.: *See*—
Grylewicz, Frank S., Hannon, and Witsaman.

Hannon, Tolbert, San Francisco, Calif. Window lock. 2,392,475; Jan. 8.

Hannum, John A.: *See*—
Gerndt, Paul G., and Hannum.

Hansell, Clarence W.: *See*—
Usselman, George, and Hansell.

Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Frequency shift telegraph communication. 2,395,478; Feb. 26.

Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Angle modulation noise squelching system. 2,395,737; Feb. 26.

Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Oscillator circuit. 2,399,114; Apr. 23.

Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Ultra short wave oscillator. 2,402,397; June 18.

Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Magnetron and circuit therefor. 2,409,038; Oct. 8.

Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Electron discharge device generator. 2,412,772; Dec. 17.

Hansell, Clarence W., and O. E. Dow, Port Jefferson, N. Y., assignors to Radio Corporation of America. Pulse generator. 2,400,822; May 21.

Hansell, Clarence W., Rocky Point, N. Y., assignor to Radio Corporation of America. Sensitive photocell and circuit. 2,410,732; Nov. 5.

Hansen, Albert W., Bayside, N. Y., and A. N. Benson, Des Moines, Iowa, assignors to United States Rubber Company, New York, N. Y. Method of and apparatus for treating yarn or cord. 2,398,787; Apr. 23.

Hansen, Alden, San Francisco, Calif. Business record. 2,402,282; June 18.

Hansen, Arnold A., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Impulse generator. 2,401,347; June 4.

Hansen, Arthur E., assignor to Young Iron Works, Seattle, Wash. Arch hook. 2,397,660; Apr. 2.

Hansen, Carl E., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Article treating apparatus. 2,401,930; June 11.

Hansen, Charles W.: *See*—
Kranick, Frank N. G., and Hansen.

Hansen, Donald W., assignor to A. E. Staley Manufacturing Company, Decatur, Ill. Starch-melamine molding composition. 2,408,065; Sept. 24.

Hansen, Earl W.: *See*—
Anderson, Peter A. and E. M., Sr., Hansen, and Edwards.

Hansen, Elmer K., Tilden, Nebr. Portable elevator. 2,400,086; May 14.

Hansen, G. I., executor: *See*—
Suelflow, Alfred G.

Hansen, Hans E.: *See*—
Dunlop, James, and Hansen.

Hansen, Hans H., assignor to The Taylor-Winfield Corporation, Warren, Ohio. Electric resistance welding apparatus. 2,404,632; July 23.

Hansen, Hans H., assignor to The Taylor-Winfield Corporation, Warren, Ohio. Welding pressure controlling apparatus. 2,412,044; Dec. 3.

Hansen, Harold, and R. Pilger, assignors to Aluminum Goods Mfg. Co., Manitowoc, Wis. Pressure cooker. 2,399,115; Apr. 23.

Hansen, Harry, Clifton, N. J., and R. F. Mallina, Hastings on Hudson, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Impulse transmitting device. 2,395,269; Feb. 19.

Hansen, Jack, Everett, Wash. Can punching device. 2,406,831; Sept. 3.

Hansen, James L.: *See*—
Anderson, George D., Spencer, and Hansen.

Hansen, James W., and C. C. Cassil, Berkeley, assignors to California Spray-Chemical Corporation, Richmond, Calif. Insecticide. 2,406,294; Aug. 20.

Hansen, Jane W.: *See*—
Hansen, Verner J. and J. W.

Hansen, John A., Bayside, N. Y., assignor, by mesne assignments, to Hazeltine Research, Inc., Chicago, Ill. Television signal generator. 2,404,173; July 16.

Hansen, John N.: *See*—
Britton, Edgar C., and Hansen.

Hansen, Karl J.: *See*—
Calhoun, James C., Davidson, and Hansen.

Hansen, Lloyd D., Fanwood, F. E. Harris, Nutley, A. S. Hegeman, Jr., Glen Ridge, and H. N. Snook, Maywood, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Contact fixture. 2,413,410; Dec. 31.

Hansen, Norman, Kenvil, N. J. Ejector. 2,393,320; Jan. 22.

Hansen, Odd A., Kenmore, assignor to The Linde Air Products Company, New York, N. Y. Transport vehicle for liquefied gas. 2,412,146; Dec. 3.

Hansen, Siegfried: *See*—
Fraenckel, Victor H., and Hansen.

Hansen, Siegfried, Schenectady, N. Y., assignor to General Electric Company. Wave impulse generator. 2,394,055; Feb. 5.

Hansen, Thorwald, Duluth, assignor of one-half to O. Gisvold, Minneapolis, Minn. Container. 2,412,332; Dec. 10.

Hansen, Verner J. and J. W., Arlington, Va. Curtain saver. 2,405,354; Aug. 6.

Hansen, William W.: *See*—
Varian, Russell H., and Hansen.
Varian, Russell H., Hansen, and Woodyard.

Hansen, William W., Garden City, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. High frequency electron discharge apparatus. 2,392,379; Jan. 8.

Hansen, William W., Garden City, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Concentric line measuring device. 2,404,797; July 30.

Hansen, William W., Garden City, N. Y., assignor to Sperry Gyroscope Company, Inc. Phase angle indicator. 2,411,876; Dec. 3.

Hansen, William W., Stanford University, Calif., assignor to The Board of Trustees of the Leland Stanford Junior University. Radiating electromagnetic wave guide. 2,402,622; June 25.

Hansen, William W., and R. H. and S. F. Varian, Garden City, N. Y., assignors to The Board of Trustees of the Leland Stanford Junior University, Stanford University, Calif. High-frequency tube structure. Re. 22,795; Oct. 1.

Hansen, William W., and S. F. and R. H. Varian, assignors to The Board of Trustees of The Leland Stanford Junior University, Stanford University, Calif. Electronic oscillator-detector. 2,406,370; Aug. 27.

Hansen, William W., and R. H. and S. F. Varian, Garden City, N. Y., assignors to The Board of Trustees of Leland Stanford Junior University, Stanford University, Calif. Object detecting apparatus and method. 2,406,371; Aug. 27.

Hansen, William W., and J. R. Woodyard, Garden City, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. High frequency apparatus. 2,406,372; Aug. 27.

Hansen, William W., Garden City, R. H. Varian, Wantagh, and S. F. Varian, Garden City, N. Y., assignors to The Board of Trustees of the Leland Stanford Junior University, Stanford University, Calif. High-frequency tube structure and apparatus. 2,410,063; Oct. 29.

Hansley, Virgil L., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dispersion. 2,394,608; Feb. 12.

Hansley, Virgil L., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymer products. 2,404,716; July 23.

Hanslick, Roy S.: *See*—
Stamberger, Paul, Eskew, and Hanslick.

Hanson, Albert L. and C. A., Munising, Mich. Snow plow shoe hitch. 2,403,219; July 2.

Hanson, Alfred H., Long Beach, Calif. Safety speed boat. 2,413,227; Dec. 24.

Hanson, Amandus, Coffeyville, Kans. Glass furnace. 2,399,116; Apr. 23.

Hanson, Berger G., St. Charles, Ill. Windshield for motorcycles and the like. 2,411,131; Nov. 12.

Hanson, Charles A.: *See*—
Hanson, Albert L. and C. A.

Hanson, Edward S., Jr., Zion, Ill. Cylinder ridge grinder. 2,403,363; July 2.

Hanson, Elmo E., Akron, and C. R. Park, Silver Lake Village, assignors to The Firestone Tire & Rubber Company, Akron, Ohio. Fuel tank. 2,404,766; July 23.

Hanson, Ernest H., Spring Lake, A. Grierson, Muskegon, Mich., and R. L. Le Boeuf, Chicago, Ill. Steak broiler. 2,400,640; May 21.

Hanson, Estyle D., Hamilton, Ohio. Variable torque drive. 2,395,047; Feb. 19.

Hanson, Gerald N.: *See*—
Frische, Carl A., and Hanson.
Van Auken, Howard C., and Hanson.

Hanson, Gerald N., Allendale, N. J., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Air-speed regulator for aircraft. 2,391,896; Jan. 1.

Hanson, Gerald N., Allendale, N. J., P. Halpert, Kew Gardens, and C. A. Frische, Great Neck, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Automatic controlling means for aircraft. 2,392,381; Jan. 8.

Hanson, Harold F.: *See*—
Jones, Maurice F., and Hanson.

Hanson, Harold F., Wilkinsburg, and J. W. Morrow, Edgewood, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Power-plant assembly and control. 2,404,960; July 30.

Hanson, Oscar B., Westport, Conn., and R. E. Shelby, Teaneck, N. J., assignors to Radio Corporation of America. Frequency modulated wave receiver circuits. 2,395,738; Feb. 26.

Hanson, Wesley T., Jr.: *See*—
Evans, Ralph M., and Hanson.

Hantjopoulos, George, New York, N. Y. Device for salvage of ships by compressed air. 2,405,649; Aug. 13.

Hantzsch, Ralph E., and O. C. Mudd, Houston, Tex., assignors to Shell Development Company, San Francisco, Calif. Cathodic protection system. 2,402,494; June 18.

Hapman, Henry W., Detroit, Mich. Conveyer flight. 2,400,502; May 21.

Happe, Reynold, Pittstown, and E. P. Turner, Fanwood, assignors to The Singer Manufacturing Company, Elizabeth, N. J. Portable electric drill. 2,396,007; Mar. 5.

Happe, Reynold, Pittstown, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Portable electric tool. 2,405,827; Aug. 13.

Harada, Tomio, Kalamazoo, Mich. Fastener device. 2,402,813; June 25.

Harasta, Clarence J., assignee, et al.: *See*—
Lynn, Robert M.

Harasta, Mildred A., assignee, et al.: *See*—
Lynn, Robert M.

Harbaugh, Ralph W., Miles City, Mont. Current motor. 2,403,178; July 2.

Harbeke, Louis N., Sacramento, Calif. Lavatory ventilator. 2,396,371; Mar. 12.

Harbers, Henry C., San Gabriel, assignor to C. B. Equipment Co., Los Angeles, Calif. Motor vehicle steering mechanism. 2,392,985; Jan. 15.

Harbers, Henry C., San Gabriel, assignor to C. B. Equipment Co., Los Angeles, Calif. Motor vehicle. 2,400,199; May 14.

Harbert, Carl J., Shaker Heights, F. C. Ellinger, East Cleveland, and W. C. Morris, South Euclid, assignors to The Harshaw Chemical Company, Elyria, Ohio. Glass enamel composition. 2,397,004; Mar. 19.

Harbert, Carl J., Shaker Heights, and W. C. Morris, South Euclid, assignors to The Harshaw Chemical Company, Elyria, Ohio. Glass enamel composition. 2,397,005; Mar. 19.

Harbison, Dixon T., Fort Worth, Tex. Valve puller. 2,398,305; Apr. 9.

Harcourt, Guy N., Buffalo, and D. B. Montgomery, Gardenville, N. Y., assignors, by mesne assignments, to Blaw-Knox Company, Pittsburgh, Pa. Apparatus for feeding liquid to drying drums. 2,392,382; Jan. 8.

Hard Manufacturing Company, assignee: *See*—
Dyett, James H.
Dyett, James H., and Doty.

Harder, Bernhard J., Delano, Calif. Fertilizer distributor. 2,410,937; Nov. 12.

Harder, Edwin L., Forest Hills, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Minimum-voltage network and system. 2,393,043; Jan. 15.

Harder, Edwin L., Forest Hills, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Quick acting voltage-regulator system. 2,393,044; Jan. 15.

Harder, Oscar E., and A. E. Pavlish, Columbus, Ohio, assignors, by mesne assignments, to Pittsburgh Crushed Steel Company, Pittsburgh, Pa. Separation of ores by the sink and float process. 2,393,160; Jan. 15.

Hardesty, Ethridge E., Long Beach, Calif. Cable fitting. 2,394,609; Feb. 12.

Hardesty, Eugene, New Brighton, assignor to Fuller Label & Box Company, Pittsburgh, Pa. Machine for the application of ceramic color. 2,411,269; Nov. 19.

Hardesty, George K. C., Seat Pleasant, Md. Illuminated dial and pointer. 2,410,064; Oct. 29.

Hardin, Edward A.: *See*—
Pinion, Thomas J.

Harding, Frank E., assignor to Arlington Mills, Lawrence, Mass. Chalking device. 2,400,926; May 28.

Harding, James W., Marysville, Calif. Foldable gambrel. 2,411,856; Dec. 3.

Harding, John, Jr., Dallas, Tex. Electrically operated valve. 2,413,622; Dec. 31.

Harding, M. R., assignee, et al.: *See*—
Bark, Robert.

Harding, Ralph A., Eugene, Oreg. Peep sight. 2,399,633; May 7.

Harding, William R., Export, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control system. 2,411,371; Nov. 19.

Hardinge, Mervyn G., Loma Linda, Calif. Self-adjusting fracture reducing device. 2,397,545; Apr. 2.

Hardinge, Mervyn G., Loma Linda, Calif. Fracture plate. 2,406,832; Sept. 3.

Hardman, Albert F., assignor to Wingfoot Corporation, Akron, Ohio. New products. 2,405,886; Aug. 13.

Hardman, Albert F., Akron, Ohio, assignor to Wingfoot Corporation. Preservation of rubber. 2,410,782; Nov. 5.

Hardman, Albert F., Akron, Ohio, assignor to Wingfoot Corporation. Age resisters. 2,410,783; Nov. 5.

Hardman, Albert F., Akron, Ohio, assignor to Wingfoot Corporation. Age resistors for rubber. 2,411,427; Nov. 19.

Hardman, Kenneth V., Clifton, N. J. Bristle setting. 2,406,732; Aug. 27.

Hardrath, Albert, Jr.: *See*—
Hardrath, Albert, Sr., and A., Jr.

Hardrath, Albert, Sr., and A., Jr., Unity, Wis.; said A. Hardrath, Jr., assignor to said A. Hardrath, Sr. Cattle gutter guard. 2,403,525; July 9.

Hardsocg, Lester C., assignor to The Hardsocg Manufacturing Company, Ottumwa, Iowa. Drive for threaded bars. 2,401,757; June 11.

Hardsocg Manufacturing Company, The, assignee: *See*—
Hardsocg, Lester C.

Hardy, Charles W., Forest Hills, assignor of one-twentieth to R. L. Mazarella, South Ozone Park, N. Y. Locking structure for ladies' handbags or the like. 2,399,886; May 7.

Hardy, Edgar E., Anniston, Ala., and G. M. Kosolapoff, Dayton, Ohio, assignors to Monsanto Chemical Company. Halogenated compounds and making same. 2,409,039; Oct. 8.

Hardy, Elizabeth M.: *See*—
Lecher, Hans Z., Scalern, and Hardy.

Hardy, Frank I., assignee: *See*—
Hall, John B.

Hardy, John: *See*—
Rines, Albert H., Hardy, and O'Keefe.

Hardy, John S., Los Gatos, Calif. Tray stacker. 2,407,782; Sept. 17.

Hardy Metallurgical Company, assignee: *See*—
Pechet, Maurice M.

Hardy, René J., Lyon, France, assignor to International Standard Electric Corporation, New York, N. Y. Radio obstacle localizing apparatus. 2,400,641; May 21.

Hardy, V. R., Wilmington, and W. R. Haefele, Bridgeville, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Slasher sizing composition and yarns sized therewith. 2,411,822; Nov. 19.

Hare, Donald G. C., Houston, Tex., assignor, by mesne assignments, to The Texas Company, New York, N. Y. Radiation detector. 2,397,071; Mar. 19.

Hare, Donald G. C., assignor to Texaco Development Corporation, New York, N. Y. Radiation detector. 2,397,072; Mar. 19.

Hare, Donald G. C., Roslyn, assignor to The Texas Company, New York, N. Y. Radiation detector. 2,397,661; Apr. 2.

Hare, Donald G. C., Roslyn, assignor to The Texas Company, New York, N. Y. Radiation detector. 2,398,934; Apr. 23.

Hare, Donald G. C., and G. Herzog, Houston, Tex., assignors, by mesne assignments, to The Texas Company, New York, N. Y. Radiation detector. 2,397,073; Mar. 19.

Hare, Donald G. C., and G. Herzog, Houston, Tex., assignors, by mesne assignments, to The Texas Company, New York, N. Y. Radiation detector. 2,397,074; Mar. 19.

Hare, Donald G. C., and G. Herzog, Houston, Tex., assignors, by mesne assignments, to The Texas Company, New York, N. Y. Radiation detector. 2,397,075; Mar. 19.

Hare, Terence G., Saginaw, Mich., assignor to Amesbury Seat Manufacturing Company. Powered bicycle. 2,397,858; Apr. 2.

Harford, Dwight L., Los Angeles, assignor to A. P. Johnson, Downey, Calif. Battery. 2,405,034; July 30.

Harford, Dwight L., assignor to A. P. Johnson, Downey, Calif. Electrical switch. 2,405,035; July 30.

Hargrett, Wilson W., Wyandotte, Mich. Ventilator. 2,403,596; July 9.

Harker, John S.: *See*—
Bruckner, Robert E., and Harker.

Harkness, Joseph R., Scotia, N. Y., assignor to General Electric Company. Ignition system. 2,394,768; Feb. 12.

Harkness, Joseph R., Schenectady, N. Y., assignor to General Electric Company. Ignition system. 2,398,635; Apr. 16.

Harkness, Joseph R., Schenectady, N. Y., assignor to General Electric Company. Distributor. 2,399,022; Apr. 23.

Harkness, Joseph R., Schenectady, N. Y., assignor to General Electric Company. Ignition distributor. 2,399,023; Apr. 23.

Harkness, Joseph R., Schenectady, N. Y., assignor to General Electric Company. Fluid-tight radio shielded joint. 2,407,076; Sept. 3.

Harkness, William J., Miami, Fla. Solar heater. 2,402,326; June 18.

Harlamoff, Anatol J., South Gate, Calif., assignor to A. O. Smith Corporation, Milwaukee, Wis. Centrifugal pump. 2,406,947; Sept. 3.

Harlan, George W., Cooper County, Mo. Sock or stocking supporter. 2,398,093; Apr. 9.

Harless, Charles A.: *See*—
Crafts, Curtis S., and Harless.

Harlow, Orman M., Anaheim, assignor to Brogdex Company, Pomona, Calif. Commodity elevating and sampling apparatus. 2,404,373; July 23.

Harlow, Walter F., Quarndon, England, assignor to Combustion Engineering Company, Inc., New York, N. Y. Corrosion reduction in heat exchangers. 2,412,809; Dec. 17.

Harlow, Winton G., Upper Darby, and G. A. Healis, Lansdowne, Pa., assignors to General Electric Company. Electric circuit breaker. 2,399,485; Apr. 30.

Harlow, Winton G., Upper Darby, G. A. Healis, Lansdowne, and D. B. Lamb, Springfield, Pa., assignors to General Electric Company. Dead-front safety switch. 2,404,230; July 16.

Harman Equipment Company, assignee: *See*—
Harman, Gerald J.

Harman, Gerald J., Beverly Hills, Calif., assignor to Harman Equipment Company. Liquid dispensing apparatus. 2,412,577; Dec. 17.

Harmon, Jack B.: *See*—
High, Le Roy B., and Harmon.

Harmon, Jesse, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Composite material. 2,393,987; Feb. 5.

Harmon, Jesse, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Products. 2,396,261; Mar. 12.

Harmon, Jesse, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Obtaining 1,2-dichloro-1,1-difluoroethane. 2,399,024; Apr. 23.

Harmon, Jesse, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polyfluorinated cycloparaffins and producing them. 2,404,374; July 23.

Harmon, Jesse, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Fluorination. 2,404,706; July 23.

Harmon, Jesse, and R. M. Joyce, Jr., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Sulfur-dioxide modified tetrafluoroethylene polymer. 2,411,722; Nov. 26.

Harmon, Ralph M., assignor to Beech Aircraft Corporation, Wichita, Kans. Shock absorber. 2,412,885; Dec. 17.

Harnett, Daniel E., Tuckahoe, N. Y., assignor, by mesne assignments, to Hazeltine Research, Inc., Chicago, Ill. High-frequency signal generator. 2,401,481; June 4.

Harnishchfeger Corporation, assignee: *See*—
Andersen, Nils P. E.
Hettelsater, Henry C.

Harper, Carolyn L., assignee, et al.: *See*—
Turner, George F.

Harper, Carolyn L., Trust, assignee, et al.: *See*—
Turner, George F.

Harper, David Augustine: *See*—
Baird, William, Habgood, Harper, and Hendry.

Harper, Elmer E., Monrovia, Calif., E. P. Harper, executrix of said E. E. Harper, deceased. Actuating means. 2,404,288; July 16.

Harper, Esther P., executrix: *See*—
Harper, Elmer E.

Harper, Lyndus E., Kansas City, Mo. Flexible tube pump. 2,412,397; Dec. 10.

Harper, Lyndus E., assignor to Omega Machine Company, Kansas City, Mo. Variable-speed transmission. 2,404,231; July 16.

Harper, Orvie D., Vandalia, Ill., assignor to Standard Oil Development Company. Completion of wells. 2,407,983; Sept. 24.

Harper, Philip S., assignee, et al.: *See*—
Turner, George F.

Harper, Philip S., Trust, assignee, et al.: *See*—
Turner, George F.

Harper, Raymond L.: *See*—
Kowaski, Frank, and Harper.

Harper, William, Jr., Montreal, Quebec, Canada. Piston for internal-combustion engines. 2,400,503; May 21.

Harpster, Harry H., Cleveland, Ohio, assignor to Pesco Products Co. Booster pump for aircraft fuel systems. 2,402,308; June 18.

Harr, Russel E.: *See*—
Brown, Morris, and Harr.

Harrah, John L., Akron, Ohio. Piston for internal-combustion engines. 2,409,852; Oct. 22.

Harral, Russell L., Jonesboro, Ark. Combination cultivator and row thinner. 2,409,123; Oct. 8.

Harralson, Robert W.: *See*—
Beard, Joseph G., and Harralson.

Harrawood, Luther A., Broughton, Ill. Fluorescent switch starter. 2,408,165; Sept. 24.

Harrer, Paul H., and C. H. Roth, La Porte, Ind., assignors to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Rotary baler. 2,410,159; Oct. 29.

Harries, John H. O., Clapham Park, London S. W. 4, England. Electron discharge tube. 2,396,949; Mar. 19.

Harries, John H. O., Clapham Park, London, S. W. 4, England. Electron discharge tube. 2,401,637; June 4.

Harries, John H. O., Clapham Park, London, S. W. 4, England. Construction and assembly of electron discharge tubes. 2,407,742; Sept. 17.

Harries, Leslie, Coventry, England. Fluid-pressure engine. 2,399,486; Apr. 30.
Harrigan, Herman R., Chevy Chase, Md., assignor to District of Columbia Paper Mills, Inc., Washington, D. C. Apparatus for applying coatings to web material. 2,393,529; Jan. 22.
Harrington, Eber E., Detroit, Mich. Turnbuckle safety device. 2,395,546; Feb. 26.
Harrington, Frank W., assignee: *See*—
Truesdell, Robert S.
Harrington, Gerard A., Baltimore, Md. Sound controlled recorder and reproducer. 2,391,897; Jan. 1.
Harrington, Michael J., Cleveland, Ohio, and S. E. Hammer, Eagleville, Pa. Bag opening and filling apparatus. 2,409,626; Oct. 22.
Harrington, Noel F., North Hollywood, Calif. Artificial leg. 2,402,327; June 18.
Harrington, Paul J., Mountainside, N. J., assignor to Standard Oil Development Company. Reducing evaporation losses. 2,406,540; Aug. 27.
Harrington, Richards H., Schenectady, N. Y., assignor to General Electric Company. Aluminum base alloy containing copper and beryllium and making the same. 2,394,546; Feb. 12.
Harrington, Richards H., Schenectady, N. Y., assignor to General Electric Company. Zinc base alloy containing copper and beryllium and heat-treating the same. 2,412,045; Dec. 3.
Harrington, Valentine F., Newton, assignor to B. B. Chemical Co., Boston, Mass. Temporarily covering articles. 2,410,878; Nov. 12.
Harris, Albert B., Wayne, and G. M. Baker, Flat Rock, Mich. Locomotive draft arrangement. 2,394,173; Feb. 5.
Harris, Alvin S., assignor to Twentieth Century-Fox Film Corporation, Los Angeles, Calif. Dolly. 2,397,315; Mar. 26.
Harris, Arch W.: *See*—
Elder, Flint C., and Harris.
Fenner, James M., Griffiths, and Harris.
Harris, Arthur H.: *See*—
Olmsted, Russell C., and Harris.
Harris, Asa J., Balboa, C. Z. Combined sea anchor and stabilizer for boats. 2,409,040; Oct. 8.
Harris, Benjamin R., Chicago, Ill. Filtering of liquid material. 2,392,666; Jan. 8.
Harris, Benjamin R., Chicago, Ill. Amino-carboxylic acid esters of monoglycerides. 2,406,329; Aug. 27.
Harris, Benjamin R., Chicago, Ill. Chemical compounds and producing same. 2,409,275; Oct. 15.
Harris, Bert C., Shaker Heights, assignor to The White Motor Company, Cleveland, Ohio. Motor vehicle. 2,396,506; Mar. 12.
Harris, Charles R., Lockport, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of vinyl cyanide. 2,410,820; Nov. 12.
Harris, Charles R., Lockport, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of vinyl cyanide. 2,413,623; Dec. 31.
Harris, Clinton H., Ann Arbor, Mich., assignor to Argus, Incorporated. Camera shutter. 2,397,546; Apr. 2.
Harris, Forist, Merced, Calif. Sanding drum. 2,399,923; May 7.
Harris, Fred E.: *See*—
Hansen, Lloyd D., Harris, Hegeman, and Snook.
Harris, Frederic R., New York, N. Y. Dry dock pontoon construction. 2,412,578; Dec. 17.
Harris, Henry C., Pittsburg, Tex. Buster gang plow. 2,407,006; Sept. 3.
Harris, Henry H., Champaign, Ill. Support for heat-treating container and closure therefor. 2,395,182; Feb. 19.
Harris, Herbert, Jr., Cedarhurst, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Detector. 2,397,961; Apr. 9.
Harris, Frederic R., New York, N. Y. Hydraulic shock absorber. 2,405,502; Aug. 6.
Harris, Helen E.: *See*—
Bell, Louis N., and Harris, R. R. and H. E.
Harris, Hubert: *See*—
Ware, Lamar M., Harris, and Johnson.
Harris, Irene, Bronx, N. Y. Display device for use in determining the shade of finger nail polish. 2,393,371; Jan. 22.
Harris, Jesse A., West Linn, Oreg., assignor to Crown Zellerbach Corporation, San Francisco, Calif. Preparing and applying a patch for a fourdrinier wire. 2,408,422; Oct. 1.
Harris, John L., Whitefish Bay, assignor to Perfex Corporation, Milwaukee, Wis. Float valve. 2,400,561; May 21.
Harris, Joseph M., Gladwyne, assignor to Bentley, Harris Mfg. Co., Conshohocken, Pa. Flexible sleeving. 2,393,530; Jan. 22.
Harris, Raymond R., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Hardenable urea-aldehyde resins. 2,413,624; Dec. 31.
Harris, Richard A.: *See*—
Russell, Alexander, Parker, and Harris.
Harris, Ronald: *See*—
Bell, Louis N., and Harris, R. R. and H. E.
Harris-Seybold Company, assignee: *See*—
Harrold, Charles W.
Wood, James R.
Woodruff, Arthur B.
Harris-Seybold-Potter Company, assignee: *See*—
Harrold, Charles W.
Kaddeland, Christen R.
Spiller, William R., and Barley.
Harris and Sheldon Limited, assignee: *See*—
Butler, Harold G.
Harris, Sidney E.: *See*—
Christiansen, Walter G., and Harris.
Harris, Stanton A., Westfield, N. J., assignor to Merck & Co., Inc., Rahway, N. J. Synthesis of vitamin B_6. 2,399,347; Apr. 30.
Harris, Thaddeus S., Waverly, Ill. Automatic control valve for jet. 2,409,561; Oct. 15.
Harris, Thomas A., Hampton, Va. Control-force reducing device. 2,405,208; Aug. 6.
Harris Trust and Savings Bank, assignee: *See*—
Lowes, William J.
Harris Trust and Savings Bank, trustee, assignee, et al.: *See*—
Turner, George F.
Harris, Walter R., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control system. 2,401,154; May 28.
Harris, William N., Atlanta, Ga. Dishwashing machine. 2,403,526; July 9.
Harrison, Arthur E., Rockville Centre, N. Y., assignor to Sperry Gyroscope Company, Inc. Alternating current power bridge. 2,399,674; May 7.
Harrison, Bertram M., Wellesley Hills, assignor, by mesne assignments, to Submarine Signal Company, Boston, Mass. Submarine signaling. 2,406,833; Sept. 3.
Harrison, Bertram M., Newton Highlands, assignor, by mesne assignments, to Submarine Signal Company, Boston, Mass. Submarine signaling. 2,407,270; Sept. 10.
Harrison, Bertram M., Newton Highlands, assignor, by mesne assignments, to Submarine Signal Company, Boston, Mass. Submarine signaling device. 2,407,661; Sept. 17.
Harrison, Bertram M., Newton, assignor, by mesne assignments, to Submarine Signal Company, Boston, Mass. Electrical circuit. 2,410,065; Oct. 29.
Harrison, Bertram M., Newton Highlands, assignor, by mesne assignments, to Submarine Signal Company, Boston, Mass. Submarine signaling. 2,410,066; Oct. 29.
Harrison, Bertram M., Newton Highlands, assignor, by mesne assignments, to Submarine Signal Company, Boston, Mass. Submarine signaling. 2,410,067; Oct. 29.
Harrison, Earnest W., assignee: *See*—
Thompson, George C.
Harrison Enterprises Limited, assignee: *See*—
Turner, Francis L. A.
Harrison, Geoffrey B., R. J. Hercock, and R. G. Horner, assignors to Ilford Limited, Ilford, England. Testing of photographic films, plates, and papers. 2,393,631; Jan. 29.
Harrison, George, Berwyn, Ill., assignor to Doehler Die Casting Company New York, N. Y. Rod-casting machine and method. 2,405,355; Aug. 6.
Harrison, Henry C., Port Washington, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Switching mechanism for signal systems. 2,406,850; Aug. 27.
Harrison, Howard R., Upper Darby, Pa., assignor to General Electric Company. Portable mounting for electric switches. 2,408,309; Sept. 24.
Harrison, John H., Palos Verdes Estates, and H. E. Byers, Los Angeles, Calif. Valve for hose couplings. 2,409,753; Oct. 22.
Harrison, Laurence D., Maricopa County, Ariz. Valve actuating mechanism. 2,412,457; Dec. 10.
Harrison, Raymond B.: *See*—
Beckwith, Edwin L., and Harrison.
Harrison, Robert R., North Hollywood, Calif., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Gang clamp. 2,394,240; Feb. 5.
Harrison, Robert R., North Hollywood, Calif., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Tube clamp. 2,399,183; Apr. 30.
Harrison, Schuyler B., executor, et al.: *See*—
Fuller, Frederick L.
Harrison, Sidney H., Caldwell, N. J. Container lifting and emptying machine. 2,401,731; June 11.
Harrison, Thomas R., Wyncote, assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring and control apparatus. 2,404,342; July 16.
Harrison, Verne S., assignor to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Accelerometer. 2,391,966; Jan. 1.
Harriss, Lloyd J., Kenilworth, Ill. Method and apparatus for making pies. 2,411,857; Dec. 3.
Harrold, Charles W., University Heights, Ohio, assignor to Harris-Seybold Company. Sheet feeder. 2,406,765; Sept. 3.
Harrold, Charles W., Cleveland, Ohio, assignor to Harris-Seybold Company. Sheet feeder. 2,406,766; Sept. 3.

Harrold, Charles W., University Heights, assignor to Harris-Seybold-Potter Company, Cleveland, Ohio. Sheet guide. 2,400,927; May 28.
Harrold, Marshall C., assignor to General Motors Corporation, Dayton, Ohio. Motor protector. 2,412,981; Dec. 24.
Harry Alter Company, The, assignee: *See*—
Schaefer, Harold W.
Harry, Thomas, Jr.: *See*—
Burbank, Clifford D., and Harry.
Harry, William R., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electromechanical device. 2,404,375; July 23.
Harry, William R., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Submarine signal device. 2,405,209; Aug. 6.
Harry, William R., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. System for locating the source of an explosion wave. 2,406,014; Aug. 20.
Harry, William R., New York, N. Y., and F. F. Romanow, Berkeley Heights, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electromechanical device. 2,404,798; July 30.
Harry, William R., New York, N. Y., and F. F. Romanow, Berkeley Heights, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Submarine signal device. 2,404,799; July 30.
Harsch, Raymond, Berkeley, assignor to Shell Development Company, San Francisco, Calif. Compacting machine. 2,412,398; Dec. 10.
Harsh, C. L., assignee: *See*—
Kenworthy, Max S.
Harshaw Chemical Company, The, assignee: *See*—
Harbert, Carl J., Ellinger, and Morris.
Harbert, Carl J., and Morris.
King, Burnham W., Jr.
Morrison, Robert F., and Morris.
Hart-Carter Company, assignee: *See*—
Waite, Ernest G.
Hart, Edward, San Marino, Calif., assignor to A. O. Smith Corporation, Milwaukee, Wis. Double-casing high-pressure pump. 2,408,637; Oct. 1.
Hart, Fred V., Lynn, and L. S. Linderoth, Jr., Marblehead, Mass., assignors, by mesne assignments, to the United States of America, as represented by the Secretary of War. Gun mounting mechanism. 2,409,041; Oct. 8.
Hart, Fred V., Lynn, J. F. D. Smith, Swampscott, and L. S. Linderoth, Jr., Marblehead, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J. Control mechanism. 2,411,270; Nov. 19.
Hart, Geo. B., Inc., assignee: *See*—
Hart, Richard C.
Hart, George T., Lynn, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. High-frequency electrode. 2,412,982; Dec. 24.
Hart, Harold M., Cambridge, assignor, by mesne assignments, to Submarine Signal Company, Boston, Mass. Apparatus for submarine signaling. 2,407,271; Sept. 10.
Hart, Harold M., Cambridge, assignor, by mesne assignments, to Submarine Signal Company, Boston, Mass. Method and apparatus for radio ranging. 2,407,272; Sept. 10.
Hart, Harold M., Cambridge, assignor, by mesne assignments, to Submarine Signal Company, Boston, Mass. Method and apparatus for submarine signaling. 2,407,662; Sept. 17.
Hart, Harry J., Baldwin Township, Allegheny County, Pa. Molding of plastics. 2,399,117; Apr. 23.
Hart, Harry L.: *See*—
Bugg, Kenly C.
Bugg, Kenly C., and Hart.
Hart, James B., assignor to W. N. Allyn, Skaneateles, N. Y. Battery handle connector lock. 2,400,351; May 14.
Hart, John A. H., and E. W. Lee, assignors to Ilford Limited, Ilford, England. Photographic materials. 2,400,989; May 28.
Hart, John L., Baytown, Tex., assignor to Standard Oil Development Company. Chemical process. 2,393,531; Jan. 22.
Hart, Laurence: *See*—
Clark, Thomas, Windsor, and Hart.
Hart, Lucas P., Jr., Pittsfield, Mass., assignor to General Electric Company. Electric apparatus. 2,407,493; Sept. 10.
Hart, Richard C., Fairport, assignor to Geo. B. Hart, Inc., Rochester, N. Y. Greenhouse roof bar cleaning brush. 2,408,555; Oct. 1.
Hart, Robert W., Lynn, assignor, by mesne assignments, to Submarine Signal Company, Boston, Mass. Method and means for distance and direction finding. 2,407,273; Sept. 10.
Hart, Robert W., Lynn, assignor, by mesne assignments, to Submarine Signal Company, Boston, Mass. Method and means for distance and direction finding. 2,407,663; Sept. 17.
Harte, Richard, assignor to Ames Baldwin Wyoming Co., Parkersburg, W. Va. Making shovels. 2,399,800; May 7.
Harte, Richard, assignor to Ames Baldwin Wyoming Co., Parkersburg, W. Va. Making tool blades. 2,399,801; May 7.
Harte, Richard, assignor to Ames Baldwin Wyoming Co., Parkersburg, W. Va. Making tool blades. 2,399,802; May 7.
Harte, Richard, Parkersburg, W. Va., assignor to Ames Baldwin Wyoming Co. Making tool blades. 2,410,784; Nov. 5.
Harter, C. B., assignee et al.: *See*—
Howard, Posy A.
Harter, Noah S., Waukegan, Ill., assignor to The American Steel and Wire Company of New Jersey. Hardware and screen cloth machine. 2,401,070; May 28.
Hartford-Empire Company, assignee: *See*—
Berthold, Walter K.
Honiss, William T.
Merrill, Donald G.
Weber, Walter C.
Hartford National Bank and Trust Company, assignee: *See*—
Labin, Edouard.
Latimer, Kenneth E.
Van Loan, Carel J.
Ziegler, Marc.
Ziegler, Marc. and Kobilsky.
Ziegler, Marc, Visscher, and Cavallero.
Hartford National Bank and Trust Company, The, as trustee, assignee: *See*—
Boyle, Homer G.
Richards, Claude L.
Hartford National Bank and Trust Company, trustee, assignee: *See*—
Labin, Edouard.
Verhoeff, Adrianus.
Ziegler, Marc.
Harth, Philip E., Greenwich, Conn. Light-weight ceramic masses. 2,400,087; May 14.
Hartig, Henry E., Robbinsdale, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control apparatus. 2,412,263; Dec. 10.
Hartley, Albert L., assignor to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Flame hardening apparatus. 2,412,333; Dec. 10.
Hartley, Emmett C., assignor to The Parker Appliance Company, Cleveland, Ohio. Torque wrench. 2,393,681; Jan. 29.
Hartley, Emmett C., assignor to The Parker Appliance Company, Cleveland, Ohio. Screw driver. 2,410,971; Nov. 12.
Hartley, George C., E. M. S. McWhirter, and J. Handley, assignors to Standard Telephones and Cables Limited, London, England. Electrical indication at a distance. 2,397,604; Apr. 2.
Hartley, George C., L. P. Lowry, and F. H. Bray, assignors to Standard Telephones and Cables Limited, London, England. Arrangement for receiving predetermined trains of electric impulses. 2,406,834; Sept. 3.
Hartley, John R.: *See*—
Thoresen, John C., and Hartley.
Hartley, Ralph V. L., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Communication system. 2,405,211; Aug. 6.
Hartley, Ralph V. L., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. High frequency amplifying apparatus. 2,408,423; Oct. 1.
Hartley, Ralph V. L., and A. L. Samuel, Summit, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Ultra-high frequency electronic device. 2,407,274; Sept. 10.
Hartline, Haldan K.: *See*—
Chambers, Leslie A., and Hartline.
Hartline, Ralph E.: *See*—
Jacobson, Moses G., and Hartline.
Hartman, Carl H., New Rochelle, and E. A. Marsh and N. E. Dorrington, Oswego, assignors to St. Regis Paper Company, New York, N. Y. Apparatus for closing bags. 2,396,262; Mar. 12.
Hartman, George W., Holland, Mich. Combination type window fixture. 2,396,572; Mar. 12.
Hartman, Herbert G.: *See*—
Barker, Paul F., Hartman, Galloway, and Kunes.
Hartman, Max, and K. Miescher, Riehen, H. Kaegi, Basel, and W. Boesshard, Riehen, Switzerland, assignors to Ciba Pharmaceutical Products, Incorporated, Summit, N. J. Pyridine-3-acetic acid and derivatives thereof and preparing the same. 2,408,020; Sept. 24.
Hartman, Paul L., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,403,444; July 9.
Hartman, Richard A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,398,374; Apr. 16.
Hartmann, Hans, assignor to Aktiengesellschaft Brown, Boveri & Cie, Baden, Switzerland. High voltage transformer. 2,407,420; Sept. 10.
Hartnett, George J., Jr., Akron, and C. Ziegler, Barberton, Ohio, assignors to The Babcock & Wilcox Company, Rockleigh, N. J. Machine tool. 2,396,370; Mar. 12.
Hartom, Ora R., Chicago, Ill. Adding machine. 2,402,549; June 25.
Hartung, Charles F., San Marino, Calif. Golf club cart. 2,411,965; Dec. 3.

Hartung, Floyd I., Portsmouth, Va., assignor to The Hastian-Blessing Company, Chicago, Ill. Bevel cutting tip. 2,397,349; Mar. 26.

Hartvigsen, Harman, Scotch Plains, N. J., assignor, by mesne assignments, to Jasco, Incorporated. Low temperature process of polymerizing iso-olefinic material. 2,407,494; Sept. 10.

Hartwell, Ralf L., Orange, N. J., assignor to Metal Textile Corporation, West Orange, N. J. Electrical resistance and producing same. 2,396,099; Mar. 5.

Hartwick, Louis M.: *See*—
Kinney, Selwyne P., and Hartwick.

Hartwig, Carl E.: *See*—
Lougovoy, Boris N., and Hartwig.

Hartwig, Carl E., Teaneck, and R. E. Roehrenbeck, Lyndhurst, N. J., assignors to Swan-Finch Oil Corporation, New York, N. Y. Core for metallic casting and composition for same. 2,405,650; Aug. 13.

Hartwig, Charles W., New York, N. Y. Bowling alley. 2,411,789; Nov. 26.

Hartwig, Walter J., assignor to D. J. Murray Manufacturing Co., Wausau, Wis. Unit heater. 2,399,487; Apr. 30.

Hartz, Hans: *See*—
Orlich, Peter, Negel, and Hartz.

Hartz, Nelson W., Pittsburgh, Pa. Remote indicating means. 2,397,962; Apr. 9.

Hartz, Raymond P., East Windsor, N. Y. Trouser and skirt hanger. 2,393,632; Jan. 29.

Harvel Corporation, The, assignee: *See*—
Harvey, Mortimer T.

Harvel Research Corporation, assignee: *See*—
Harvey, Mortimer T.
Harvey, Mortimer T., and Caplan.

Harvey Cory, assignee: *See*—
Blakeslee, Herbert G.

Harvey, Douglass C., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic apparatus. 2,403,717; July 9.

Harvey, Earle M., Springfield, Mass. Automatic firearm. 2,397,963; Apr. 9.

Harvey, James L., Wadsworth, Ohio, assignor to The Babcock & Wilcox Company, Rockleigh, N. J. System of pulverizing, feeding, and transporting of material. 2,403,976; July 16.

Harvey, John F., Akron, Ohio, assignor to The Babcock & Wilcox Company, Rockleigh, N. J. Fluid heater casing. 2,393,770; Jan. 29.

Harvey, Lewis A., assignee, et al.: *See*—
Nameth, Louis S.

Harvey, Mortimer T., South Orange, N. J., assignor to Harvel Research Corporation. Compositions of matter and methods and steps of making and using the same. 2,392,589; Jan. 8.

Harvey, Mortimer T., South Orange, N. J., assignor to The Harvel Corporation. Phenol-aldehyde resins and making and using the same. 2,399,735; May 7.

Harvey, Mortimer T., South Orange, N. J., assignor to Harvel Research Corporation. Resins made with lignin and heat reactive condensation products and preparing the same. 2,404,840; July 30.

Harvey, Mortimer T., South Orange, N. J., assignor to The Harvel Corporation. Plasticized polychloroprene. 2,409,277; Oct. 15.

Harvey, Mortimer T., South Orange, N. J., assignor to The Harvel Corporation. Compositions of matter and methods and steps of making and using the same. 2,412,264; Dec. 10.

Harvey, Mortimer T., East Orange, N. J., assignor to Harvel Research Corporation. Compositions comprising blown terpenic products and vinyl polymers and making. 2,409,276; Oct. 15.

Harvey, Mortimer T., East Orange, N. J., assignor to Harvel Research Corporation. Rubberlike composition. 2,412,216; Dec. 10.

Harvey, Mortimer T., South Orange, N. J., and S. Caplan, New York, N. Y., assignors to Harvel Research Corporation. Urea-formaldehyde reaction products and producing the same. 2,406,217; Aug. 20.

Harvey, Mortimer T., South Orange, N. J., and S. Caplan, New York, N. Y., assignors to Harvel Research Corporation. Reaction condensation products of tertiary alkyl ureas and formaldehyde and producing the same. 2,406,218; Aug. 20.

Harvey, Robert L.: *See*—
Carlson, Wendell L., and Harvey.
Carlson, Wendell L., Landon, and Harvey.

Harvey, Robert L., Princeton, N. J., assignor to Radio Corporation of America. Insulating and dielectric materials. 2,403,657; July 9.

Harvey, Robert L., Princeton, N. J., assignor to Radio Corporation of America. Tuning apparatus. 2,411,858; Dec. 3.

Harvey, Valentine P., and J. A. Mason, Deptford, assignors to Molins Machine Company Limited, London, England. Power transmission device. 2,395,813; Mar. 5.

Harwood, Kenneth J.: *See*—
Fourness, Charles A., and Harwood.

Harwood, Ralph R., Detroit, Mich. Welding electrode construction. 2,411,859; Dec. 3.

Harwood, Stanley G., San Marino, Calif. Valve structure. 2,392,319; Jan. 8.

Hasegawa, Takao, Osaka, Japan; vested in the Alien Property Custodian. Metal sawing machine. 2,404,707; July 23.

Haseltine, Stacy B.: *See*—
Johnson, George A., and Haseltine.

Haseltine, Stacy B., La Grange, assignor to W. H. Miner, Inc., Chicago, Ill. Railway car truck. 2,395,967; Mar. 5.

Haseltine, Stacy B., La Grange, assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorber. 2,400,504; May 21.

Haseltine, Stacy B., La Grange, assignor to W. H. Miner, Inc., Chicago, Ill. Combined spring and friction shock absorber. 2,410,160; Oct. 29.

Hasenwinkle, Carl A., Bison, S. Dak. Safety plug-in connector. 2,408,556; Oct. 1.

Haskelite Manufacturing Corporation, assignee: *See*—
Kloote, George E.

Haskell, Nelson B.: *See*—
Randolph, Charles J., Jr., and Haskell.

Haskell, Nelson B., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Catalytic conversion of hydrocarbons. 2,406,681; Aug. 27.

Haskins, Butler J., Fox Lake, Ill., assignor to Joseph Weidenhoff, Inc. Magneto testing. 2,402,749; June 25.

Haskins, Robert, Jr., Garden City, and O. E. Esval, Huntington, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Gyroscopic instrument. 2,412,614; Dec. 17.

Hasler A. G. Werke Für Telephonie und Präzisionsmechanik, assignee: *See*—
Ochsenbein, Walter.

Hassel, Manley G., Nevada City, Calif. Strainer attachment. 2,400,642; May 21.

Hassel, Nels H., Los Angeles, Calif. Aero car and propeller construction therefor. 2,396,419; Mar. 12.

Hasselbaum, Oscar H. assignor to Joseph Pollack Corporation, Dorchester, Mass. Ignition switch. 2,396,372; Mar. 12.

Hasselhorn, Walter C., assignor to Cook Electric Company, Chicago, Ill. Adaptor. 2,393,105; Jan. 15.

Hasselquist, Hugo S., Oak Park, Ill., assignor to Joseph Dixon Crucible Company, Jersey City, N. J. Mechanical pencil. 2,412,265; Dec. 10.

Hasselstrom, Torsten: *See*—
Dressler, Russell G., Vivian, and Hasselstrom.

Hasselstrom, Torsten, Savannah, Ga. Separating constituents of tall oil. 2,396,651; Mar. 19.

Hassid, Marc J.: *See*—
Herbst, John A., and Hassid.

Hassler, Gerald L., Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. Mechanism for contact printing. 2,408,310; Sept. 24.

Hassman, Fred A.: *See*—
Nenninger, Lester F., and Hassman.

Hastings, Dana B., assignor to Dennison Manufacturing Company, Framingham, Mass. Paper parachute. 2,406,562; Oct. 15.

Hastings Manufacturing Company, assignee: *See*—
Phillips, Harold P.

Hastings, Russell, Jr., Wellesley, assignor to Lewis-Shepard Company, Watertown, Mass. Portable hoisting and transporting machine for pallets and the like. 2,393,902; Jan. 29.

Hastings, Sam H.: *See*—
Seyfried, Wilson D., and Hastings.

Hastings, Sam H., and B. B. Turner, Baytown, Tex., assignors to Standard Oil Development Company. Elimination of acetylenes from diolefins. 2,401,758; June 11.

Hastings, Warren B., Jr., Norfolk, Va. Removable spike plate for sport shoes. 2,395,270; Feb. 19.

Hasty, George: *See*—
Cohen, Morris, Jorgenson, and Hasty.

Hat Corporation of America, assignee: *See*—
Cavanagh, John.

Hatch, Alexander G., Rutland, Vt., assignor, by mesne assignments, to Continental Can Company, Inc., New York, N. Y. Making sealed fiber containers and closures therefor. 2,413,449; Dec. 31.

Hatch, George B.: *See*—
Pevere, Ernest F., Clarke, and Hatch.

Hatch, George B., and E. F. Pevere, Beacon, L. A. Clark, Fishkill, and F. H. Bruner, Beacon, N. Y., assignors to The Texas Company. Alkylation of hydrocarbons. 2,413,105; Dec. 24.

Hatch, Lewis F., Austin, Tex., and D. E. Adelson and B. O. Blackburn, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Stabilization of butadiene. 2,402,113; June 11.

Hatcher, Glenn B., Tulsa, Okla. Marble runway. 2,400,410; May 14.

Hatfield, Arthur W., assignor to Crane Co., Chicago, Ill. Testing device. 2,403,859; July 9.

Hatfield, William H., assignor to Firth-Vickers Stainless Steels Limited, Sheffield, England. Alloy steel. 2,402,814; June 25.

Hathaway, Albert M., assignor to Johnston Brothers, Minneapolis, Minn. Vibration eliminator for service cords and conductors of electrical apparatus. 2,396,847; Mar. 19.

Hathaway, Chester A., Santa Monica, Calif. Scoring device. 2,402,525; June 18.

Hathaway, Claude M., Denver, Colo. Oscillograph galvanometer. Re. 22,759; May 21.

Hathaway, Claude M., Denver, Colo., assignor to Hathaway Instrument Company. Galvanometer. 2,410,379; Oct. 29.

Hathaway Instrument Company, assignee: *See*—
Hathaway, Claude M.

Hathaway, Madeleine P., et al., executors: *See*—
Perkins, Hiram A.

Hathaway, William R., West Haven, assignor to United Advertising Corporation, New Haven, Conn. Apparatus for removing burrs from tubes and the like. 2,395,024; Feb. 26.

Hathorne, Berkeley L., Delray Beach, Fla., and R. W. Seem, U. S. Army, assignors to Crepe de Chine, Inc. Artificial yarn and producing the same. 2,411,132; Nov. 12.

Hattan, Mark, Dayton, Ohio. Self-locking nut. 2,402,159; June 18.

Hattan, Mark, Dayton, Ohio. Fastener assembly. 2,410,441; Nov. 5.

Hauck, Paul A.: *See*—
Herzog, Carl, and Hauck.

Hauck, Thomas F., Roscoe, Calif. Accessory to turnbuckle wrench. 2,403,718; July 9.

Haufe, Walfreid: *See*—
Huehn, Warner, and Haufe.

Haug, John S., Philadelphia, Pa., assignor to United Engineers & Constructors, Inc. Air admission to gas generator. 2,397,138; Mar. 26.

Haughton Elevator Company, The, assignee: *See*—
Turner, Floyd F.

Hauptman, Frederic F., Rego Park, N. Y., assignor to Square D Company, Detroit, Mich. Measurement of material in containers. 2,400,411; May 14.

Haury, Vernon E.: *See*—
Ballard, Seaver A., and Haury.

Haury, Vernon E., El Cerrito, and S. A. Ballard, Oakland, assignors to Shell Development Company, San Francisco, Calif. Capillary active salts. 2,402,495; June 18.

Hauser, Edward: *See*—
Jackson, Maurice M., and Hauser.

Hauser, Ernst A., and E. M. Dannenberg, Cambridge, Mass., assignors to Research Corporation, New York, N. Y. Molding composition, molded product, and making. 2,401,348; June 4.

Hauserman, E. F., Company, assignee: *See*—
Sidney, Charles W.

Haushalter, Fred L., Akron, Ohio. Apparatus for grounding track laying apparatus. 2,396,848; Mar. 19.

Haushalter, Fred L., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Cushion tire. 2,393,161; Jan. 15.

Haushalter, Fred L., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Track for vehicles. 2,402,042; June 11.

Hausler, George M., Ballston Lake, N. Y., assignor to General Electric Company. Electric switch. 2,400,754; May 21.

Hausler, George M., Ballston Lake, N. Y., assignor to General Electric Company. Switch operating mechanism. 2,404,633; July 23.

Hausman, Walter J., Washington, D. C., assignor to Burnell Machine Company, Incorporated, Wilmington, Del. Variable spacing mechanism for key operated printing machines. 2,411,723; Nov. 26.

Hauswirth, Vernon O.: *See*—
Zink, William L., and Hauswirth.

Haux, Elmer H., Baltimore, Md., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. High capillarity bristle. 2,408,718; Oct. 1.

Hauzvic, Zdenek J., Gary, Ind. Combination gas and liquid fuel burner. 2,412,579; Dec. 17.

Havel, Arthur, Ainsworth, Iowa. Lagging and making the same. 2,405,304; Aug. 6.

Havel, Victor, Northbrook, Ill. Self-standing cutout. 2,395,118; Feb. 19.

Havemann, Eric, assignor to Burton-Dixie Corporation, Chicago, Ill. Production of modified feathers. 2,395,271; Feb. 19.

Havens, Glenn G.: *See*—
Mooney, Melvin, Grabbe, and Havens.

Havens, Richard, Salt Lake City, Utah, assignor to United States of America, as represented by the Secretary of the Interior. Froth flotation of chromite with fluoride. 2,412,217; Dec. 10.

Hawes, Albert H., Erdington, assignor to C. Bryant & Son Limited, Birmingham, England. Form for the construction of concrete walls, beams, and the like. 2,396,174; Mar. 5.

Hawk, Carson E.: *See*—
Walker, Kenneth J., and Hawk.

Hawkins, Edgar M., assignor to Eastman Kodak Company, Rochester, N. Y. Apparatus for manufacturing optical prisms. 2,394,610; Feb. 12.

Hawkins, Eugene R., Compton, Calif. Life saving device. 2,408,166; Sept. 24.

Hawkins, Lester A., Creve Coeur, Ill. Seed potato cutting machine. 2,401,931; June 11.

Hawkins, Paul E., Lakewood, assignor to The Baker-Raulang Company, Cleveland, Ohio. Steering gear for vehicles. 2,411,570; Nov. 26.

Hawkinson, Paul E., assignor to P. E. Hawkinson Company, Minneapolis, Minn. Tire buffing machine. 2,392,667; Jan. 8.

Hawkinson, Paul E., Company, assignee: *See*—
Hawkinson, Paul E.

Hawley, Jesse B., assignee: *See*—
Sloan, Edward C.

Hawley, John B., Jr., Minneapolis, Minn. Apparatus for blowing oil wells. 2,395,119; Feb. 19.

Hawley, Thomas G., Jr., Naugatuck, Conn., assignor to United States Rubber Company, New York, N. Y. Making porous coated fabrics. 2,400,990; May 28.

Hawn, Ralph A., and I. W. Lacher, Columbus, Ohio, assignors to Curtiss-Wright Corporation. Dimpling tool. 2,400,412; May 14.

Haworth, John W.: *See*—
Avison, Anthony W. D., Bergel, and Haworth.
Bergel, Franz, Cohen, and Haworth.

Haworth, Joseph P., Westfield, N. J., assignor, by mesne assignments, to Jasco, Incorporated. Cured polymers. 2,393,321; Jan. 22.

Hawthorne, Charles W., Conneautville, Pa., assignor to Morgan Construction Company, Worcester, Mass. Shearing apparatus. 2,401,639; June 4.

Hawthorne, Charles W., and G. P. Malm, assignors to Morgan Construction Company, Worcester, Mass. Switching mechanism. 2,396,787; Mar. 19.

Hawthorne, Louis A., Hillside, and E. R. Powell, North Plainfield, N. J., assignors to Johns-Manville Corporation, New York, N. Y. Fiberizing apparatus. 2,398,707; Apr. 16.

Hawthorne, Wendell P.: *See*—
Woodward, Robert E., Hawthorne, and Meadow.

Hawthorne, Wendell P., Wenonah, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Catalytic hydrocarbon reactions. 2,403,922; July 16.

Hay, Charles N., San Diego, Calif., assignor to The American MonoRail Company, Cleveland, Ohio. Article handling device. 2,399,547; Apr. 30.

Hayden, Edward, Windsor, Ontario, Canada. Miniature sectional building construction. 2,407,927; Sept. 17.

Hayden, Kenneth F., and P. D. Valas, Woodbury, and H. G. Daley, Woodbury Heights, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Drying of hydrogels. 2,397,350; Mar. 26.

Hayes, Harvey C., Washington, D. C. Sound receiver. 2,404,764; July 23.

Hayes, Harvey C., Washington, D. C. Directive transceiver for sound. 2,406,767; Sept. 3.

Hayes, Harvey C., Washington, D. C. Accoustic wave generating or receiving apparatus. 2,411,541; Nov. 26.

Hayes, Harvey C., Washington, D. C., and S. L. Quimby, New York, N. Y. Detecting device. 2,396,699; Mar. 19.

Hayes, Harvey C., and H. L. Saxton, Washington, D. C. Driver for electroacoustic transducers. 2,405,575; Aug. 13.

Hayes Industries, Inc., assignee: *See*—
Hollerith, Charles.
Le Jeune, Frank H.

Hayes, James C., Shelbyville, Tenn. Business management analyzer. 2,393,162; Jan. 15.

Hayes, James H., assignee: *See*—
Paluszek, Adam J.

Hayes, Malcolm L.: *See*—
Demb, Kenneth, and Hayes.

Hayes, Norman V., and W. B. Humes, Boston, Mass., assignors to National Research Corporation, Boston, Mass. Desiccation method and apparatus. 2,406,682; Aug. 27.

Hayes, Stanley W., assignor to Hayes Track Appliance Compnay, Richmond, Ind. Templet. 2,412,147; Dec. 3.

Hayes Track Appliance Company, assignee: *See*—
Hayes, Stanley W.

Hayes, William F., Detroit, Mich. Composition panel board. 2,405,423; Aug. 6.

Hayhurst, Thomas S., Belle Harbor, N. Y., assignor to M. Nydegger, Summit, N. J. Knitting machine. 2,395,814; Mar. 5.

Hayhurst, Thomas S., Belle Harbor, N. Y., assignor to M. Nydegger, Summit, N. J. Knitting machine. 2,395,815; Mar. 5.

Hayhurst, Thomas S., Belle Harbor, N. Y., assignor to M. Nydegger, Summit, N. J. Knitting machine. 2,395,816; Mar. 5.

Hayhurst, Thomas S., Belle Harbor, N. Y., assignor to M. Nydegger, Summit, N. J. Knitting machine. 2,395,817; Mar. 5.

Hayhurst, Thomas S., Belle Harbor, N. Y., assignor to M. Nydegger, Summit, N. J. Knitting machine. 2,395,818; Mar. 5.

Hayhurst, Thomas S., Belle Harbor, N. Y., assignor to M. Nydegger, Summit, N. J. Knitting machine. 2,395,819; Mar. 5.

Hayhurst, Thomas S., Belle Harbor, N. Y., assignor to M. Nydegger, Summit, N. J. Knitting machine. 2,395,820; Mar. 5.

Hayhurst, Thomas S., Belle Harbor, N. Y., assignor to M. Nydegger, Summit, N. J. Knitting machine. 2,395,821; Mar. 5.

Hayhurst, Thomas S., Belle Harbor, N. Y., assignor to M. Nydegger, Summit, N. J. Knitting machine. 2,395,822; Mar. 5.
Hayhurst, Thomas S., Belle Harbor, N. Y., assignor to M. Nydegger, Summit, N. J. Knitting machine. 2,395,823; Mar. 5.
Hayhurst, Thomas S., Belle Harbor, N. Y., assignor to M. Nydegger, Summit, N. J. Knitting machine. 2,401,732; June 11.
Hayman, Charles M., Brooklyn, N. Y. Gyroscopic steering mechanism. 2,403,658; July 9.
Haynes, Robert. San Francisco, Calif. Mounting for switches and the like. 2,406,295; Aug. 20.
Haynes, Robert L., Indianapolis, Ind., assignor to Radio Corporation of America. Variable filtering and timing method and system. 2,396,507; Mar. 12.
Haynes Sellite Company, assignee: *See*— Kreag, Malcolm G.
Haynes Stellite Company, assignee: *See*— Metzger, Claude W., and Snetcher.
Hays Corporation, The, assignee: *See*— Burns, Frank D.
Hays, James B., Jr., Summit, N. J., assignor, by mesne assignments, to Western Electric Company, Incorporated, New York, N. Y. Object locating system. 2,408,395; Oct. 1.
Hays, Noble E.: *See*— Hoover, George R., and Hays.
Hays, Robert F., Jr., Syosset, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Signal amplifier. 2,399,675; May 7.
Hays, Robert F., Jr., Syosset, N. Y., assignor to Sperry Gyroscope Company, Inc. Radio scanning apparatus. 2,407,275; Sept. 10.
Hays, Russell R., Lawrence, Kans. Helicopter. 2,402,043; June 11.
Hays, Russell R., Lawrence, Kans. Control means for helicopters. 2,413,625; Dec. 31.
Hays, Thomas W., Salt Lake City, Utah, assignor to The Union Switch and Signal Company, Swissvale, Pa. Remote control system. 2,402,399; June 18.
Hayslett, Lamar E., Kenmore, and F. H. Osborne, Snyder, N. Y., assignors to The Rudolph Wurlitzer Company, Cincinnati, Ohio. Remote-control apparatus. 2,400,088; May 14.
Hayter, Bruce: *See*— Breese, James L., and Hayter.
Hayter, Bruce, assignor to Oil Devices, Santa Fe, N. Mex. Hydroxylating pot type burner. 2,405,212; Aug. 6.
Hayter, Bruce, Santa Fe, N. Mex., and S. Perry, Chicago, Ill., assignors to Oil Devices, Santa Fe, N. Mex. Horizontal pot type burner. 2,393,248; Jan. 22.
Hayward, John T., Tulsa, Okla. Mechanism for measuring the movements of drilling tools and pipe. 2,395,407; Feb. 26.
Hayward, John T., Tulsa, Okla. Apparatus for use in logging wells. 2,404,132; July 16.
Hayward, John T., and E. H. Cooley, assignors to Engineering Laboratories, Incorporated, Tulsa, Okla. Well survey apparatus. 2,396,420; Mar. 12.
Hayward, Raymond W., Stephenson, Mich. Manure fork. 2,398,585; Apr. 16.
Hayward, Roger, Pasadena, Calif. Device for grinding and polishing surfaces. 2,399,924; May 7.
Hayward, Roger, Pasadena, Calif. Apparatus for surface generation. 2,403,659; July 9.
Hayward, Roger, Pasadena, Calif. Optical system for cameras. 2,403,660; July 9.
Haywood, Gerald, Westernport, Md., and W. M. Welton, Piedmont, W. Va., assignors to West Virginia Pulp and Paper Company, New York, N. Y. Producing alkaline earth metal sulfites and product thereof. 2,413,321; Dec. 31.
Hazel, Ernest, Jr., Atchison, Kans. Producing loose-leaf binders. 2,396,008; Mar. 5.
Hazelett, Clarence W., Greenwich, Conn. Metalworking process and apparatus. 2,408,514; Oct. 1.
Hazeltine, Alan, Maplewood, N. J., assignors to The Gray Manufacturing Company, Hartford, Conn. Electro-magnetic sound recorder and reproducer. 2,400,305; May 14.
Hazeltine Corporation, assignee: *See*— Case, Nelson P.
Curtis, Leslie F.
Hurst, William M.
Lewis, Harold M.
Loughren, Arthur V.
Hazeltine Research, Inc., assignee: *See*— Bailey, William F.
Craib, James F.
Di Toro, Michael J.
Farrington, John F.
Fedotoff, Nicholas V.
Hansen, John A.
Harnett, Daniel E.
Hergenrother, Rudolf C.
Hoisington, David B.
Johnson, John K.
Johnson, John K., and Wheeler.
Lawrance, Richard B.
Lewis, Harold M.
Loughlin, Bernard D.
Hazeltine Research, Inc., assignee: *See*—Continued Loughline, Bernard H., and Craib.
Loughren, Arthur V.
Rado, John A.
Wheeler, Harold A.
Wilson, John C.
Head, Carlos S.: *See*— Clark, Hiram S., and Head.
Heagney, Walter J., assignor to The Parker Pen Company, Janesville, Wis. Fountain pen filling unit. 2,406,330; Aug. 27.
Heal, Ralph E.: *See*— Folkers, Karl, Rogers, and Heal.
Heald, E. Clifford, assignee: *See*— Hall, Charles W.
Heald, Raymond E., Plainfield, Ind. Double-acting engine. 2,404,906; July 30.
Healls, George A.: *See*— Harlow, Winton G., and Healls.
Harlow, Winton G., Healls, and Lamb.
Healy, C. Walter, assignee: *See*— Smith, Iris M.
Healy, Emmett, assignor to The Parker Pen Company, Janesville, Wis. Fountain pen. 2,404,063; July 16.
Healy, John J., Jr., Brookline, M. H. Taylor, Stoneham, and F. A. Abbiati, Longmeadow, Mass., assignors to Monsanto Chemical Company, St. Louis, Mo. Pickling steels. 2,408,424; Oct. 1.
Heany Industrial Ceramic Corporation, assignee: *See*— Heany, John A.
Heany, John A., New Haven, Conn. Vitreous cellular materials. 2,399,225; Apr. 30.
Heany, John A., New Haven, Conn., assignor to Heany Industrial Ceramic Corporation, Rochester, N. Y. Sandblast nozzle. 2,395,479; Feb. 26.
Heard, Joseph R., Jr., assignor to Wyandotte Chemicals Corporation, Wyandotte, Mich. Corrosion inhibitor. 2,401,733; June 11.
Heard, Joseph R., Jr., New York, N. Y., assignor to Wyandotte Chemicals Corporation, Wyandotte, Mich. Dichlorides of the ethylene series. 2,403,977; July 16.
Heard, Llewellyn: *See*— Bailie, James C., Heard, and Shankland.
Hearne, George W.: *See*— Yale, Harry L., and Hearne.
Hearne, George W., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Halogenation of unsaturated organic compounds. 2,399,488; Apr. 30.
Hearne, George W., Berkeley, M. L. Adams, Lafayette, and V. W. Buls, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Catalytic oxidation of ketones. 2,393,532; Jan. 22.
Heatbath Corporation, assignee: *See*— Dufault, Homer D.
Heater, Charles L., assignor to American Steel Foundries, Chicago, Ill. Railway car. 2,410,580; Nov. 5.
Heath, Charles F., Schenectady, N. Y., assignor to General Electric Company. Combustion unit. 2,403,860; July 9.
Heath, Edward H.: *See*— Santini, Danilo, and Heath.
Heath, Robert L., G. A. Fisher, Jr., and T. R. Holbrook, Indianapolis, Ind., assignors to General Motors Corporation, Detroit, Mich. Stripping lead from bearings. 2,408,931; Oct. 8.
Heath, Samuel and W. E. Greenlee, Philadelphia, Pa. Hosiery drier. 2,405,746; Aug. 13.
Heath, Sheldon B., and F. R. Minger, assignors to The Dow Chemical Company, Midland, Mich. Recovery of magnesium compounds. 2,398,743; Apr. 16.
Heath, William C., Shorewood, assignor to A. O. Smith Corporation, Milwaukee, Wis. Electric welding. 2,401,243; May 28.
Heath, William C., Shorewood, assignor to A. O. Smith Corporation, Milwaukee, Wis. Electric flash welding. 2,403,076; July 2.
Heaton, Herman C., Chicago, Ill. Rotary helical fluid unit. 2,397,139; Mar. 26.
Heaton-Armstrong, Louis J., assignor to Standard Telephones and Cables Limited, London, England. Radio guiding system. 2,393,903; Jan. 29.
Heaton-Armstrong, Louis J., London, W. C. 2, assignor to Standard Telephones and Cables Limited, London, England. Antenna system. 2,397,261; Mar. 26.
Heavens, E. M., assignee: *See*— Huge, Henry M.
Hebard, Hugh C., Northwood, England. Fuse. 2,400,002; May 7.
Hebard, Hugh C., Greenford, England. Liquid fuel burner of the pressure type. 2,402,138; June 18.
Hebard, Hugh C., Greenford, England, assignor to The Mantle Lamp Company of America, Chicago, Ill. Preheater for liquid fuel burners of the pressure type. 2,402,139; June 18.
Hebeler, Edward S., Williamsville, N. Y., assignor, by mesne assignments, of one-half to Unit Rays, Inc., Cleveland, Ohio. Remote control for welding apparatus. 2,400,992; May 28.
Hebeler, Edward S., Williamsville, N. Y., assignor of one-half to Unit Rays, Inc., Cleveland, Ohio. Welder's mask or helmet. 2,400,993; May 28.

Heberlein Patent Corporation, assignee: *See*— Hentrich, Winfrid, and Hueter.
Weiss, Ernst.
Hebert, Eucharist H., Plaquemine, La. Apparatus for unearthing pipe and the like. 2,396,849; Mar. 19.
Hechenbleikner, Ingenuin, Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Halogen substituted acetonitriles. 2,394,912; Feb. 12.
Hechenbleikner, Ingenuin, Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Aromatic substituted methyl alkyl ethers as insecticides. 2,411,428; Nov. 19.
Hecht, George, Astoria, and A. A. Lundstrom, East Orange, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave generator. 2,391,967; Jan. 1.
Heckendorn, Alphonse: *See*— Felix, Friedrich, and Heckendorn.
Heckert, Frederick W.: *See*— Curtis, Russell R., and Heckert.
Heckert, Frederick W., assignor to Curtis Pump Company, Dayton, Ohio. Booster pump and tank assembly. 2,395,661; Feb. 26.
Heckert, Winfield W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Laminated armor plate structure. 2,399,184; Apr. 30.
Heckethorn, John E., Denver, Colo. Feeding and ejecting device for centerless grinders. 2,412,730; Dec. 17.
Heckethorn Manufacturing & Supply Co., assignee: *See*— Heckethorn, William W.
Heckethorn, William W., assignor to Heckethorn Manufacturing & Supply Co., Littleton, Colo. Automatic drill press feeder. 2,394,769; Feb. 12.
Heckman, John A., Elmhurst, Ill., assignor to J. F. Barnes, trustee. Cabinet for disks and the like. 2,402,044; June 11.
Hedberg, Albert F., and E. Colbert, assignors to Crane Co., Chicago, Ill. Compensating chuck. 2,400,755; May 21.
Hedberg, Carl W. J., Bound Brook, N. J., assignor to Research Corporation, New York, N. Y. Air cleaning plant. 2,409,563; Oct. 15.
Hedding, Linnie K., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Regulating apparatus. 2,399,185; Apr. 30.
Heddleson, Fred A., and A. C. Weierich, Lima, Ohio, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Commutator construction. 2,408,210; Sept. 24.
Heddon's, James, Sons, assignee: *See*— William, Walter.
Willman, Walter.
Hedge, Herbert F., South Benfleet, England. Dry-battery torch or flash lamp. 2,401,349; June 4.
Hedgecock, Stanley, Wood Green, assignor to Laystall Engineering Company Limited, London, England. Apparatus for controlling power transmission systems. 2,408,638; Oct. 1.
Hedges, Edward G., Newark, N. J. Cleaner for beer dispensing systems. 2,413,626; Dec. 31.
Hedges, Lee M., Somerville, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Filter. 2,409,278; Oct. 15.
Hedglen, Charles A., Lansing, Mich., assignor, by decree of distribution, to Isabella Hedglen. Tractor. 2,400,505; May 21.
Hedglen, Isabella, by decree of distribution, assignee: *See*— Hedglen, Charles A.
Hediger, Ernst, assignor to The Carborundum Company, Niagara Falls, N. Y. Electric arc heating. 2,398,427; Apr. 16.
Hedin, Oscar C., Cleveland Heights, assignor to The Weldon Tool Company, Cleveland, Ohio. Device for precision drawing. 2,397,109; Mar. 26.
Hedin, Uno C., assignor, by mesne assignments, to H. E. Bucklen, Jr., Elkhart, Ind. Mercury relay. 2,393,904; Jan. 29.
Hedrick, Clarence E., Newton, Kans. Poultry feeder. 2,397,484; Apr. 2.
Hedrick, Gale H., assignor to Maremont Automotive Products, Inc., Chicago, Ill. Muffler. 2,398,788; Apr. 23.
Heenan, Daniel, assignor to F. H. Breen, Los Angeles, Calif. Liquid level indicator. 2,398,375; Apr. 16.
Heenan & Froude Limited, assignee: *See*— Walker, George H.
Heer, Jules: *See*— Miescher, Karl, and Heer.
Heeter, C. M., Sons & Co., Inc., assignee: *See*— Heeter, Colonel C.
Heeter, Colonel C., Butler, Pa. Lathe chuck. 2,409,680; Oct. 22.
Heeter, Colonel C., assignor to C. M. Heeter, Sons & Co., Inc., Butler, Pa. Vacuum sand pump for wells. 2,401,871; June 11.
Heffelfinger, Glen B.: *See*— Wilson, Ellis C., Stock, and Heffelfinger.
Heffelfinger, Robert D., assignor to Hamilton Watch Company, Lancaster, Pa. Observation box for timing watches. 2,395,328; Feb. 19.
Heffner, Nathan, Brooklyn, and S. O. Heffner, Great Neck, N. Y. Escape hatch. 2,396,508; Mar. 12.
Heffner, Nathan, Brooklyn, and S. O. Heffner, Great Neck, N. Y. Latch for escape hatches. 2,402,935; June 25.
Heffner, Simon O.: *See*— Heffner, Nathan and S. O.
Hegan, Horace J., Coventry, and E. H. Sharples, Kenilworth, assignors to Courtaulds Limited, London, England. Treatment of cellulosic textile materials. 2,411,429; Nov. 19.
Hegeman, Andrew S., Jr.: *See*— Hansen, Lloyd D., Harris, Hegeman, and Snook.
Hegener, William, Sarasota, Fla. Animal cage. 2,410,879; Nov. 12.
Heglaw, Vincent E.: *See*— Day, William P., J. J., and W. P., Jr., and Heglaw.
Heglund, Carl E.: *See*— Holton, George E., Heglund, and Manson.
Hegy, Louis, Burbank, Calif., assignor to Bendix Aviation Corporation, South Bend, Ind. Remote control actuator. 2,392,320; Jan. 8.
Hehr, Frederick G., Santa Monica, Calif. Portable excavating and ejecting machine. 2,413,561; Dec. 31.
Heidenthal, Warren C., Middletwn, assignor to American Brake Shoe Company, New York, N. Y. Railroad track equipment. 2,398,935; Apr. 23.
Height, Lewis H., Eagle Rock, Calif., assignor, by mesne assignments, to Lockheed Aircraft Corporation. Retractable landing gear. 2,405,651; Aug. 13.
Heigis, Henry E., West Orange, assignor to Specialties Development Corporation, Bloomfield, N. J. Inflation device. 2,403,436; July 9.
Heigis, Henry E., Nutley, assignor to Specialties Development Corporation, Bloomfield, N. J. Tank purging apparatus. 2,406,373; Aug. 27.
Heigl, John J., Cranford, and J. A. Wilson, Linden, N. J., assignors to Standard Oil Development Company. Apparatus for investigating absorption spectra of substances. 2,404,064; July 16.
Heijn, Paul C.: *See*— Osterberg, Harold, and Heijn.
Osterberg, Harold, Pride, and Heijn.
Heijn, Paul C., Buffalo, N. Y., assignor, by mesne assignments, to American Optical Company, Southbridge, Mass. Optical instrument for examining polarized light. 2,409,853; Oct. 22.
Heil Co., The, assignee: *See*— French, Henry C.
French, Henry C., and Kuehlman.
Heil, Joseph F., and Samuelsen.
Kuehlman, Norman.
Kuehlman, Norman V., and French.
Heil, Joseph F., and A. H. Samuelsen, assignors to The Heil Co., Milwaukee, Wis. Refuse body. 2,406,015; Aug. 20.
Heil, Theodore, Berkeley, Calif. Toy. 2,408,141; Sept. 24.
Heilbronner, Harry S., Perry, N. Y. Garment. 2,410,212; Oct. 29.
Heilman, Joseph R., Mansfield, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Toaster casing structure. 2,407,984; Sept. 24.
Heilman, Ross V., Detroit, assignor to Wall Wire Products Company, Plymouth, Mich. Brush guard and making same. 2,396,652; Mar. 19.
Heim Company, The, assignee: *See*— Heim, Lewis R.
Heim, Lewis R., assignor to The Heim Company, Fairfield, Conn. Rod end bearing and making the same. 2,400,506; May 21.
Heimbach, Newton: *See*— Dersch, Fritz, and Heimbach.
Hein, Carl C., Forest Hills, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Reduction of leakage current in cuprous-oxide rectifiers. 2,394,056; Feb. 5.
Hein, Clarence A., Denver, Colo. Block sander. 2,400,928; May 28.
Hein, Clarence A., Denver, Colo. Cabinet finishing tool. 2,400,929; May 28.
Hein, George N., San Carlos, Calif. Syringe with adjustable piston construction. 2,394,687; Feb. 12.
Heinecke, Frieda: *See*— Heinecke, William and F.
Heinecke, William and F., Verona, N. J., assignors to The Di-Noc Manufacturing Company, Cleveland, Ohio. Transfer material. 2,409,564; Oct. 15.
Heinemann, Heinz: *See*— La Lande, William A., Jr., and Heinemann.
Heiney, John W., Allentown, Pa., assignor to Mack Manufacturing Corporation, New York, N. Y. Rubber spring mounting. 2,407,236; Sept. 10.
Heinrich, Alwin: *See*— Carlsen, Viggo, and Heinrich.
Carlsen, Viggo, Heinrich, and Ballou.
Heinrich, Robert O., Racine, Wis. Vise lock. 2,392,820; Jan. 15.
Heins, Harold: *See*— Biggs, Orrick H., and Heins.
Heintz, Albert J., assignor to Eastman Kodak Company, Rochester, N. Y. Apparatus for riveting. 2,393,771; Jan. 29.
Heintz & Kaufman, Ltd., assignee: *See*— Pockman, Leonard T.

Heintz Manufacturing Company, assignee: *See*—
Green, Samuel G., D'Ardenne, Meinel, and De Vore.

Heintz, Ralph M., assignor, by mesne assignments, to Jack & Heintz Precision Industries, Inc., Cleveland, Ohio. Sleeve valve engine. 2,401,932; June 11.

Heintz, Ralph M., assignor, by mesne assignments, to Jack & Heintz Precision Industries, Inc., Cleveland, Ohio. Engine. 2,411,571; Nov. 26.

Heintz, Ralph M., Cleveland, and J. F. Steigerwald and L. D. Cahill, Shaker Heights, assignors, by mesne assignments, to Jack & Heintz, Inc., Cleveland, Ohio. Single purpose machine. 2,397,351; Mar. 26.

Heintzelman, Leo A., Grand Rapids, Mich. Moisture remover. 2,402,140; June 18.

Heinz, Otto W., Los Angeles, Calif. Water goggles. 2,393,533; Jan. 22.

Heinz, Winfield B.: *See*—
Butterworth, Harry W., Jr., and Heinz.
Gale, Shirley I., Moran, and Heinz.

Heinzen, Harry R.: *See*—
Fike, Charles H., and Heinzen.

Heising, Raymond A., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Indicating device. 2,406,016; Aug. 20.

Heist, Charles H., Buffalo, N. Y., assignor to National Steel Corporation. Metallurgical process. 2,397,262; Mar. 26.

Heitchue, Regis D., Springfield, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Refrigerating apparatus. 2,401,827; June 11.

Heitman, Clarence H., University City, Mo. Hinge for shoe lasts. 2,391,968; Jan. 1.

Heitz, Robert: *See*—
Allen, Glenn L., Jr., Heitz, and Henderson.

Heitzman Safety Blasting Plug Corp., assignee: *See*—
Lubelsky, Benjamin L., and Walburn.

Heiser, Edward J., West Caldwell, assignor to Specialties Development Corporation, Bloomfield, N. J. Gun charger. 2,411,877; Dec. 3.

Heisman, Jelle, Grand Rapids, assignor to Dutch Tea Rusk Company, Holland, Mich. Article handling apparatus. 2,393,682; Jan. 29.

Heibein, William, New York, N. Y. Display case for wrist watches and the like. 2,410,161; Oct. 29.

Heibronner, André: *See*—
Bergier, Jacques, Eakenasi, and Heibronner.

Helbush, Herman H., assignee: *See*—
Wallace, Frank C.

Held, Hans: *See*—
Weits, John, and Held.

Helders, Richard C.: *See*—
King, Edward F.

Helding, Gustave, Chicago, Ill. Grinding wheel dressing device. 2,392,668; Jan. 8.

Helgeson, Sten, Renville, Minn. Wrench. 2,409,627; Oct. 22.

Helle, Delbert V., Farmington, Ill. Hoist. 2,392,986; Jan. 15.

Heller, Douglas M.: *See*—
Bligh, Norman, Heller, Stenning, and Chubb.

Heller, Ferdinand: *See*—
Douty, Alfred, and Heller.

Heller, Harold S., Cleveland Heights, Ohio. Stapling machine. 2,409,854; Oct. 22.

Heller, John, assignee, et al.: *See*—
Kreidl, Ignas and W.

Hellmann, Jay T., Chicago, Ill. Safety razor. 2,395,272; Feb. 19.

Hellmann, Reinhard K.: *See*—
Keinath, George, and Hellmann.

Hellmann, Reinhard K., assignor to Connecticut Telephone & Electric Division, Great American Industries, Incorporated, Meriden, Conn. Recording apparatus. 2,401,350; June 4.

Hellstrom, Sven B., Grosse Pointe Farms, assignor to Detroit Tap & Tool Company, Detroit, Mich. Tap reconditioning machine. 2,393,372; Jan. 22.

Helmers, Carl J.: *See*—
Schulze, Walter A., and Helmers.

Helmore, William, Cambridge, England. Air intake pipe for motor watercraft. 2,413,350; Dec. 31.

Helms, James G., assignee: *See*—
Wilkinson, Charles W.

Helsten, Wesley A.: *See*—
Tack, Carl E., and Helsten.

Heltzel, John N., Warren, Ohio. Dowel and shear plate installing device for road building machines. 2,399,025; Apr. 23.

Helvar, Charles M., St. Vital, Manitoba, Canada. Air draft timing and volume control. 2,407,743; Sept. 17.

Hem, Halvor O., assignor to Toledo Scale Company, Toledo, Ohio. Weighing scale. 2,410,653; Nov. 5.

Hem, Halvor O., assignor to Toledo Scale Company, Toledo, Ohio. Airplane weighing apparatus. 2,410,654; Nov. 5.

Hemmeter, George T., Berkeley, Calif., assignor to the United States of America, as represented by the Secretary of Agriculture. Device for peeling agricultural products. 2,403,923; July 16.

Hemminger, Charles E., Westfield, N. J., assignor to Standard Oil Development Company. Chemical process. 2,397,352; Mar. 26.

Hemminger, Charles E., Westfield, N. J., assignor to Standard Oil Development Company. Chemical process. 2,397,485; Apr. 2.

Hemp, Paul L., assignor to General Inventions Corporation, Rochester, Minn. Platform carrier for automobiles. 2,394,447; Feb. 5.

Hempel, Herbert, deceased, by H. K. Hempel, administrator, Essex, assignor to Gorton-Pew Fisheries Company, Ltd., Gloucester, Mass. Salted fish. 2,397,547; Apr. 2.

Hempel, Herbert K.: *See*—
Hempel, Herbert.

Hemphill Company, assignee: *See*—
Cloutier, Arthur N.
Fregeolle, Oscar.
St. Pierre, Eugene.
Smith, Norman H.

Hemphill, Lawrence F., Fort Wayne, Ind., assignor to General Electric Company. Electric brake. 2,396,950; Mar. 19.

Hemphill, William B.: *See*—
Shimek, Edwin J. and Hemphill.

Hendel, Joseph A., and M. J. Stupelli, New York, N. Y. Shock absorber for hydraulic systems. 2,407,276; Sept. 10.

Henderson, Albert, Edgewood, assignor to W. P. Witherow, Pittsburgh, Pa. Precast reinforced concrete member. 2,396,045; Mar. 5.

Henderson, Albert, Edgewood, assignor to W. P. Witherow, Pittsburgh, Pa. Precast concrete members. 2,413,562; Dec. 31.

Henderson, Algo D., assignee, et al.: *See*—
Bean Xarifa L.

Henderson, Bryan J., assignor of one-half to John G. Murdock & Company Limited, London, England. Selective signal receiving circuit. 2,411,091; Nov. 12.

Henderson, George: *See*—
Allen, Glenn L., Jr., Heitz, and Henderson.

Henderson, George C., Detroit, Mich. Monorail trolley. 2,404,376; July 23.

Henderson, Joseph E., Seattle, Wash., and R. B. Janes, Verona, N. Y.; said Henderson assignor to the United States of America, as represented by the Secretary of Navy, and said Janes assignor to Radio Corporation of America. Phototubes and manufacture. 2,404,343; July 16.

Henderson, Jude H., Clearfield, Utah. Scaffold construction. 2,399,436; Apr. 30.

Henderson, Kenneth L., and E. F. De Mera, Irondequoit, assignors to Stromberg-Carlson Company, Rochester, N. Y. Coaxial bushing. 2,411,656; Nov. 26.

Henderson, Lawrence M.: *See*—
Schindler, Hans, and Henderson.

Henderson, Lawrence M., Winnetka, and W. G. Annable, Mundelein, assignors to The Pure Oil Company, Chicago, Ill. Preparing lubricating oils. 2,397,662; Apr. 2.

Henderson, Wallace M., Steppa, Scotland, assignor to Aveling-Barford Limited, Grantham, England. Trench excavator. 2,411,210; Nov. 19.

Hendey, George A., Rome, N. Y. Safety lock for firearms. 2,401,482; June 4.

Hendley, James A., assignor to The Russell Manufacturing Company, Middletown, Conn. Tape construction. 2,395,869; Mar. 5.

Hendley, James A., assignor to The Russell Manufacturing Company, Middletown, Conn. Corded tape. 2,408,850; Oct. 8.

Hendley, James A., assignor to The Russell Manufacturing Company, Middletown, Conn. Textile webbing. 2,410,028; Oct. 29.

Hendricks, Cornelius, assignor to Applied Arts Corporation, Grand Rapids, Mich. Ash receiver. 2,398,936; Apr. 23.

Hendricks, Robert: *See*—
Williams, Lloyd, Wright, and Hendricks.

Hendrickson, James M.: *See*—
Crane, Raymond E., and Hendrickson.

Hendrickson, Luther G.: *See*—
Griffith, Dinsmore L., and Hendrickson.

Hendrix, Dewey, Akron, Ohio. Key container. 2,393,373; Jan. 22

Hendrix, Don O., Kenmore, N. Y., assignor, by mesne assignments, to American Optical Company, Southbridge, Mass. Making optical elements. 2,398,708; Apr. 16.

Hendrixson, Philip R.: *See*—
Green, Howard D., and Hendrixson.

Hendry, James A.: *See*—
Baird, William, Habgood, Harper, and Hendry.

Hene, Emil, London, England. Conversion of heavy hydrocarbon liquid. 2,412,983; Dec. 24.

Henin, Benjamin P., Bayonne, N. J. Measuring and dispensing attachment for containers. 2,404,496; July 23.

Henjum, Gerald J., Hollywood, assignor of one-third to A. H. Farness, North Hollywood, and one-third to C. H. Sherer, Los Angeles, Calif. Development and layout instrument. 2,407,368; Sept. 10.

Henke, Frederick W., assignor to Fox Products Company, Philadelphia, Pa. Machine tool. 2,407,985; Sept. 24.

Henley, Wilmer, Baltimore, Md. Bowling pin. 2,400,089; May 14.

Henley's, W. T., Telegraph Works Company, Limited, assignee: *See*—
Griffiths, Francis T.
MacDonald, Hector A.

Hennessey, Russell J.: *See*—
Guyer, Reynolds, and Hennessey.

Hennessy, John F.: *See*—
Pellegrin, Elmer D., and Hennessy.

Hennessy, John F., Denver, Colo., and J. I. Thulander, Chicago, assignors to Geo. D. Roper Corporation, Rockford, Ill. Oven door seal. 2,405,305; Aug. 6.

Henney, Grover R., Chicago, and J. H. Johnson, Belleville, assignors to Industrial Patents Corporation, Chicago, Ill. Meat treatment. 2,398,636; Apr. 16.

Henney Motor Company, assignee: *See*—
Schofield, Earl L.

Hennicke, Carl R., Cleveland, Ohio, assignor to The Eastern Malleable Iron Company, Naugatuck, Conn. Metal buckle. 2,410,880; Nov. 12.

Henning, Frederick W., assignor to The American Oak Leather Company, Cincinnati, Ohio. Machine for leather rolling and setting. 2,396,421; Mar. 12.

Henning, William W.: *See*—
Thelander, W. Vincent, De Coursey, Bechman, and Henning.

Henrichon, Homer, New York, N. Y. Safety piepan lifter. 2,410,655; Nov. 5.

Henrichsen, Knut, West Los Angeles, Calif. Ski-binding. 2,396,373; Mar. 12.

Henrichsen, Knut, Los Angeles, Calif., assignor to North American Aviation, Inc. Articulated bus. 2,407,007; Sept. 3.

Henricks, Leo M., Indianapolis, Ind. Fishing float. 2,412,399; Dec. 10.

Henry, Crandell M.: *See*—
Jones, Jay S.

Henry, Donald E.: *See*—
Rentschler, Harvey C., and Henry.

Henry, Earle G., Wilmette, Ill., assignor to Buckley Music System, Inc. Timer. 2,398,637; Apr. 16.

Henry, Earle G., Wilmette, Ill., assignor to Buckley Music System, Inc. Mercury switch relay. 2,405,923; Aug. 13.

Henry, John B., assignee, et al.: *See*—
Kinney, Selwyne P.

Henry, Paul, assignee: *See*—
Campbell, James R.
Glaze, Leavitt B.

Henry, Robert W.: *See*—
Montgomery, James V., Goodson, and Henry.

Henry, Robert W., Bartlesville, Okla., assignor to Phillips Petroleum Company. Hydrocarbon isomerization. 2,400,090; May 14.

Henry, Robert W., Bartlesville, Okla., assignor to Phillips Petroleum Company. Isomerization process. 2,411,211; Nov. 19.

Henry, William E., Hopewell, Va., assignor to Hercules Powder Company, Wilmington, Del. Riffler for cellulose stock. 2,394,378; Feb. 5.

Henschel, Heinz, assignor of one-half to H. B. Hammerschlag, Johannesburg, Transvaal, Union of South Africa. Shirt collar. 2,405,788; Aug. 13.

Hensel, Franz R., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Bearing. 2,393,905; Jan. 29.

Hensel, Franz R., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Silver solder. 2,396,009; Mar. 5.

Hensel, Franz R., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Electric contact. 2,396,100; Mar. 5.

Hensel, Franz R., and E. I. Larsen, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Welding electrode cooling. 2,392,736; Jan. 8.

Hensel, Franz R., and E. I. Larsen, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Metal composition and bearing. 2,393,906; Jan. 29.

Hensel, Franz R., and E. I. Larsen, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Electrical contact. 2,396,101; Mar. 5.

Hensel, Franz R., K. L. Emmert, and J. W. Wiggs, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Electric contact. 2,400,003; May 7.

Hensel, Franz R., and E. I. Larsen, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Projectile and making the same. 2,401,483; June 4.

Hensel, Franz R., E. I. Larsen, and A. M. Suggs, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Electroplated drift free springs. 2,406,683; Aug. 27.

Henson, Walter A.: *See*—
Wenck, Peter R., and Henson.

Henszey, Roy O., and P. Smart, assignors to Carnation Company, Oconomowoc, Wis. Method and apparatus for detecting defects in filled cans. 2,400,507; May 21.

Hentrich, Winfrid, Rodleben, near Dessau-Rosslau, Anhalt, and E. Schirm, Dessau, Anhalt, Germany; vested in the Alien Property Custodian. Producing nitrogenous condensation products. 2,394,306; Feb. 5.

Hentrich, Winfrid, Rodleben, near Dessau-Rosslau, and H.-J. Engelbrecht, and E. Schirm, Dessau, Germany; vested in the Alien Property Custodian. Capillary active agents. 2,394,307; Feb. 5.

Hentrich, Winfrid, Rodleben near Dessau-Rosslau, and E. Schirm, Dessau, Germany; vested in the Alien Property Custodian. Producing condensation products. 2,401,155; May 28.

Hentrich, Winfrid, Rodleben, near Dessau-Rosslau, Anhalt, and E. Schirm, Dessau, Anhalt, Germany; vested in the Alien Property Custodian. P-amino-benzenesulphamide derivatives. 2,408,066; Sept. 24.

Hentrich, Winfrid, Rodleben, near Dessau-Rosslau, and W. Kaiser, Dessau, Germany; vested in the Alien Property Custodian. Disinfecting and preserving composition. 2,410,497; Nov. 5.

Hentrich, Winfrid, Rodleben, near Dessau-Rosslau, Anhalt, and R. Hueter, Dessau-Rosslau, Anhalt, Germany, assignors, by mesne assignments, to Heberlein Patent Corporation, New York, N. Y. Rendering textiles, fibers, and the like water-repellent. 2,411,860; Dec. 3.

Henze, Henry R., Austin, Tex., assignor to Parke, Davis & Company, Detroit, Mich. Obtaining hydantoins. 2,409,754; Oct. 22.

Henze, Henry R., Austin, Tex., assignor to Parke, Davis & Company, Detroit, Mich. Obtaining 5,5-diarylhydantoins. 2,409,755; Oct. 22.

Henze, Henry R., Austin, Tex., assignor to Parke, Davis & Company, Detroit, Mich. Obtaining 5,5-diarylhydantoins. 2,409,756; Oct. 22.

Henzl, Ernst, assignor to Society of Chemical Industry in Basle, Basel, Switzerland. Amides of 2-aminoarylenethiazoles. 2,399,026; Apr. 23.

Hepburn, William M., Ottawa Hills, Ohio, and W. O. Owen, Evanston, Ill., assignors to Surface Combustion Corporation, Toledo, Ohio. Rotary forge furnace. 2,413,228; Dec. 24.

Hepp, Carlos A., Palisade, assignor to Alfred Hofmann & Company, West New York, N. J. Warp-knitting machine. 2,397,663; Apr. 2.

Hepp, Harold J.: *See*—
Frey, Frederick E., Hepp, and Morey.

Hepp, Harold J., Bartlesville, Okla., assignor to Phillips Petroleum Company. Catalytic alkylation process. 2,408,167; Sept. 24.

Hepp, Harold J., Bartlesville, Okla., assignor to Phillips Petroleum Company. Alkylation process. 2,410,498; Nov. 5.

Hepp, Harold J., Bartlesville, Okla., assignor to Phillips Petroleum Company. Production of cyclopentene. 2,412,936; Dec. 17.

Heppner, Fritz A. M., Lemington Spa, assignor to Armstrong Siddeley Motors Limited, Coventry, England. Bladed rotor. 2,398,140; Apr. 9.

Heppner, Fritz A. M., Leamington Spa, assignor to Armstrong Siddeley Motors Limited, Coventry, England. Jet propulsion plant. 2,404,767; July 23.

Herbert, Elmer H., assignor to Oliver United Filters Incorporated, Oakland, Calif. Diaphragm pump. 2,399,803; May 7.

Herbert, Frank B., Westwood, N. J. Blade sharpener for lawn mowers. 2,399,437; Apr. 30.

Herbert, Harry E., assignee, et al.: *See*—
Goza, Charles.

Herbert, Leon S., assignor to Theotiste N. Herbert, Merion, Pa. Foot covering. 2,400,692; May 21.

Herbert, Theotiste N., assignee: *See*—
Herbert, Leon S.

Herbert, Theotiste N., Merion, Pa. Foot covering. 2,412,087; Dec. 3.

Herbes, Ambrose W., Jackson Heights, assignor to The Ruberoid Co., New York, N. Y. Wall covering. 2,394,379; Feb. 5.

Herbes, Ambrose W., Jackson Heights, assignor to The Ruberoid Co., New York, N. Y. Re-siding walls. 2,394,380; Feb. 5.

Herbst, John A., Oradell, N. J., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Adjustment device. 2,404,377; July 23.

Herbst, John A., Oradell, assignor to Federal Telephone and Radio Corporation, Newark, N. J. Method and means for transmitting intelligence. 2,406,835; Sept. 3.

Herbst, John A., Oradell, N. J., and M. J. Hassid, assignors to Federal Telephone and Radio Corporation, New York, N. Y. Locking device. 2,401,351; June 4.

Herbst, Walter A.: *See*—
Davis, Garland H. B., Sweeney, and Herbst.

Herbster, George, assignor to John H. Leonard, Cleveland, Ohio, as trustee. Gas range oven. 2,410,285; Oct. 29.

Hercock, Robert J.: *See*—
Harrison, Geoffrey B., Hercock, and Horner.

Hercules Glue Company, Ltd., assignee: *See*—
Dolman, Clarence D.

Hercules Powder Company, assignee: *See*—
Baker, Arthur W.
Bellinger, Eustace S.
Bennett, Thomas F.
Bitting, Charles D.
Borglin, Joseph N.
Bouchard, Frederic J.
Bouchard, Frederick J., Gunness, and Stern.
Brown, Robert L.
Carter, Richard P.
Clark, Joseph L., Linden, and Obert.
Collins, Robert A.
Cordle, Cornell H.
Cordle, Cornell H., and Lawrence.
Cox, Richard F. B.
Darling, Robert B.
Dreshfield, Arthur C.

Hercules Powder Company, assignee: *See*—Continued
Dusenbury, Millard R.
Ender, Clarence D.
Farinacci, Nicholas T., and Kirkpatrick.
Farrell, James K.
Gloor, Walter E.
Henry, William E.
Kirkpatrick, William J.
Koch, William W.
Lefren, Edward K.
Littmann, Edwin R.
Lorand, Eugene J.
Mashburn, Robert T.
McCurdy, Gordon W.
Osterhof, Arthur L.
Ott, Emil.
Peterson, Ernest G.
Phillips, Herman C., and Robb.
Rummelsburg, Alfred L.
Schantz, Jacob M.
Schlenk, Edwin J.
Smith, Roscoe B., and Latimer.
Spitler, George.
Spurlin, Harold M.
Stuart, Joseph H, and Wassen.
Traylor, Waldorf S., and Wiggam.
Van Zile, Benjamin S.
Ware, Harris O.
Herfurth, Charles, assignor to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Milling machine vibration dampener. 2,393,907; Jan. 29.
Hergenrother, Rudolf C., Beechhurst, N. Y., assignor, by mesne assignments, to Hazeltine Research, Inc., Chicago, Ill. Signal generator. 2,413,181; Dec. 24.
Herbert, Herbert J., New York, N. Y. Mustard gas proof apparel. 2,399,027; Apr. 23.
Hering, Donald: *See*—
Emerson, William H., and Hering.
Heritage, Clark C., assignor to Wood Conversion Company, Cloquet, Minn. Manufacture of bituminous fiber and fiber products. 2,402,160; June 18.
Heritage, Clark C., assignor to Wood Conversion Company, Cloquet, Minn. Process and apparatus for production of fiber from vegetable matter. 2,405,213; Aug. 6.
Heritage, Clark C., assignor to Wood Conversion Company, Cloquet, Minn. Manufacture of coated board. 2,409,628; Oct. 22.
Heritage, Clark C., assignor to Wood Conversion Company, Cloquet, Minn. Manufacture of coated board. 2,409,629; Oct. 22.
Heritage, Clark C., and H. E. Walter, assignors to Wood Conversion Company, Cloquet, Minn. Making a coated vegetable-fiber board. 2,409,630; Oct. 22.
Herkenhoff, Earl C.: *See*—
Booth, Robert B., and Herkenhoff.
Herlihy, Walter P., Haverhill, Mass. Combined shoe counter and shankpiece. 2,412,773; Dec. 17.
Herman, Alva L.: *See*—
Gustin, Daniel S., and Herman.
Herman, Kenneth R.: *See*—
Vickers, Harry F., Herman, and Moser.
Herman, Kenneth R., Franklin, assignor to Vickers Incorporated, Detroit, Mich. Power transmission pump or motor. 2,395,824; Mar. 5.
Herman, Kenneth R., J. Robinson, and J. D. Dietiker, assignors to Vickers Incorporated, Detroit, Mich. Power transmission. 2,403,924; July 16.
Herman, William P., Providence, R. I. Contact blade assembly. 2,406,144; Aug. 20.
Hermann, Benjamin R., Lanesborough, Mass., assignor to General Electric Company. Electric circuit interrupter and disconnecting device. 2,393,163; Jan. 15.
Hermann, Benjamin R., Lanesborough, Mass., assignor to General Electric Company. Terminal construction. 2,399,028; Apr. 23.
Hermann, Benjamin R., Lanesborough, Mass., assignor to General Electric Company. Insulating guard. 2,409,042; Oct. 8.
Hermann, Benjamin R., Lanesborough, Mass., assignor to General Electric Company. Electric circuit interupter and disconnecting device. 2,413,563; Dec. 31.
Hermann, Richard, Sutton Coldfield, England. Gas cooker. 2,400,508; May 21.
Hermann, Richard, Sutton Coldfield, England. Cooker. 2,400,643; May 21.
Hermanny, Heinrich, Valley Stream, N. Y., assignor to Bendix Aviation Corporation, Bendix, N. J. Hydraulic system. 2,396,653; Mar. 19.
Hermanson, Henning S., Chicago, Ill., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Damper structure. 2,400,044; May 7.
Hermanson, John H., Brooklyn, N. Y. Safety clamp for scaffolds. 2,398,306; Apr. 9.
Hero Mfg. Co., Inc., assignee: *See*—
Lobl, Otto.
Herold, Charles A., assignor to Paper Novelty Manufacturing Company, New York, N. Y. Apparatus for making masking tapes. 2,396,466; Mar. 12.
Herold, Edgar M. D., Duquesne, and F. E. Walling, Sewickley, Pa. Drive coupling. 2,394,448; Feb. 5.
Herold, Edward W., Kingston, N. J., assignor to Radio Corporation of America. Electron discharge device. 2,409,485; Oct. 15.
Herold, Edward W., Kingston, N. J., assignor to Radio Corporation of America. Tuned ultra high frequency transformer. 2,410,656; Nov. 5.
Herold, John S.: *See*—
Calabrese, Conlonel C., and Herold.
Herold, Walter F., Easton, assignor to The Bassick Company, Bridgeport, Conn. Floor-cleaning implement. 2,407,421; Sept. 10.
Heron, Sam D., Detroit, Mich., assignor to Ethyl Corporation, New York, N. Y. Making lead alkyls. 2,407,551; Sept. 10.
Heron, William H.: *See*—
Raven, William H., and Heron.
Herr, Donald S.: *See*—
Auten, Robert W., and Herr.
Herren, Asa: *See*—
Mitchell, John W., and Herren.
Herreshoff, Alexander G., Grosse Pointe, assignor to Chrysler Corporation, Highland Park, Mich. Engine and making parts thereof. 2,402,889; June 25.
Herreshoff, Alexander G., Grosse Pointe, assignor to Chrysler Corporation, Highland Park, Mich. Fastening device. 2,405,424; Aug. 6.
Herreshoff, Alexander G., Grosse Pointe, and W. Lamb, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Fastening device. 2,407,928; Sept. 17.
Herrick, Lloyd D., Jackson County, Mo. Leg exerciser. 2,413,351; Dec. 31.
Herrick, Roswell H., Oak Park, Ill., assignor to Automatic Electric Laboratories, Inc. 2,393,374; Jan. 22.
Herrick, Roswell H., Oak Park, Ill., assignor to Automatic Electric Laboratories, Inc. Transmission system. 2,396,175; Mar. 5.
Herring, George B., assignee: *See*—
Lewis, Henry M.
Herrmann, Max, Chicago, Ill. Animal toy. 2,396,654; Mar. 19.
Herro, Alexander C., and P. Smart, assignors to Carnation Company, Oconomowoc, Wis. Electrolytic can cleaner. 2,410,213; Oct. 29.
Herroid, George V., assignor to Colonial Radio Corporation, Buffalo, N. Y. Random sampling machine. 2,405,951; Aug. 20.
Herroid, Gordon W., Connellsville, Pa., assignor to Anchor Hocking Glass Corporation, Lancaster, Ohio. Transferring device for annealing leers. 2,407,664; Sept. 17.
Herron, Ollie L., Chicago, Ill. Venetian blind. Re. 22,755; May 14.
Hersberger, Arthur B., Lansdowne, assignor to The Atlantic Refining Company, Philadelphia, Pa. Resinous materials and production thereof. 2,395,739; Feb. 26.
Hersberger, Arthur B., Drexel Hill, assignor to The Atlantic Refining Company, Philadelphia, Pa. Polymerization of olefins to oily polymers. 2,401,933; June 11.
Herschede, Walter J., Cincinnati, W. F. Herschede, Forestville, and W. N. Woodruff, Cincinnati, Ohio, assignors to International Vehicular Parking, Ltd. Parking meter and coin slot therefor. 2,400,756; May 21.
Herschede, William F.: *See*—
Herschede, Walter J., W. F., and Woodruff.
Herschman, Harry K., Washington, D. C. Quantitatively evaluating roughness of metals. 2,402,926; June 25.
Hersey, Donald S., West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Fuel proportioning device. 2,400,413; May 14.
Hersey, Donald S., West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Fuel control means. 2,400,414; May 14.
Hersey, Donald S., West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Automatic fuel control. 2,400,415; May 14.
Hersey, Donald S., West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Charge forming apparatus. 2,400,416; May 14.
Hersey, Donald S., West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Engine ignition control means. 2,401,563; June 4.
Hersey, Donald S., West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Engine cowling. 2,403,797; July 9.
Hersey, Israel L.: *See*—
Quinn, Edward, and Hersey.
Hersey, Ralph E., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Switching system. 2,392,089; Jan. 1.
Hersey, Ralph E., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Desk telephone set. 2,392,321; Jan. 8.
Hersey, Ralph E., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Party line identification system. 2,401,352; June 4.
Hersey, Ralph E., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Directionally selective radio communication system. 2,401,759; June 11.
Hershberger, Albert, Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Laminated structure and method. 2,403,077; July 2.
Hershberger, Albert, Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Composite film and method. 2,411,878; Dec. 3.

Hershberger, Albert, Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Fuel barrier. 2,412,148; Dec. 3.
Hershberger, Arthur B., Drexel Hill, and K. M. Thompson, Aldan, assignors to The Atlantic Refining Company, Philadelphia, Pa. Liquid fuel and producing same. 2,397,859; Apr. 2.
Hershberger, William D.: *See*—
Wolff, Irving, and Hershberger.
Hershberger, William D., Collingswood, N. J., assignor to Radio Corporation of America. Impulse generator. 2,401,423; June 4.
Hershberger, William D., Haddonfield, N. J., assignor to Radio Corporation of America. Impulse generator. 2,401,424; June 4.
Hershberger, William D., Haddonfield, N. J., assignor to Radio Corporation of America. Cathode-ray sweep circuit. 2,403,278; July 2.
Hershberger, William D., Haddonfield, N. J., assignor to Radio Corporation of America. Antenna switching system. 2,410,657; Nov. 5.
Hershberger, William D., Haddonfield, N. J., assignor to Radio Corporation of America. Pulse echo system. 2,411,572; Nov. 26.
Hershberger, William D., Haddonfield, N. J., assignor to Radio Corporation of America. Sweep or pulse generator. 2,412,682; Dec. 17.
Hershberger, William D., Princeton, N. J., assignor to Radio Corporation of America. Light valve. 2,401,425; June 4.
Hershberger, William D., Princeton, N. J., assignor to Radio Corporation of America. Pulse-echo distance indicator. 2,403,527; July 9.
Hershey, Albert E.: *See*—
Berkey, William E., Hershey, and Lamphere.
Hertel, Kenneth L., assignor to University of Tennessee Research Corporation, Knoxville, Tenn. Sampling device. 2,404,708; July 23.
Hertel, Roland F., Fort Wayne, Ind., assignor to General Electric Company. Dynamoelectric machine. 2,398,638; Apr. 16.
Herthel, Eugene C., Flossmoor, Ill., assignor to Sinclair Refining Company, New York, N. Y. Production of motor fuel. 2,402,328; June 18.
Hertrich, Joseph, assignor to The Western States Machine Company, Hamilton, Ohio. Turbine driven centrifugal machine. 2,402,496; June 18.
Hertzberg, H., & Son Inc., assignee: *See*—
Hertzberg, Ira.
Hertzberg, Ira, Yonkers, assignor to H. Hertzberg & Son Inc., New York, N. Y. Holder for mops and other devices. 2,413,564; Dec. 31.
Hertzell, Emanuel A., and R. H. Anderson, Dover, assignors to The Robinson Clay Product Company, Akron, Ohio. Acidproof cement. 2,396,509; Mar. 12.
Hertzell, Emanuel A., and R. H. Anderson, Dover, Ohio, assignors to The Robinson Clay Product Company, Akron, Ohio. Gasket. 2,403,364; July 2.
Herwal Shoe Co., Inc., assignee: *See*—
Boecker, Theodore J.
Herwick, Ole, and T. M. Taylor, Portland, Oreg. Lawn mower sharpener. 2,407,783; Sept. 17.
Herz, Alfred, Chicago, Ill. Electric control system. 2,401,156; May 28.
Herz, Erwin, New York, N. Y. Device for building up illustrations. 2,393,772; Jan. 29.
Herz, Erwin, New York, N. Y. Box. 2,397,353; Mar. 26.
Hers Manufacturing Corporation, assignee: *See*—
Conti, Eugene.
Herzegh, Frank, Shaker Heights, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Bead lock. 2,400,930; May 28.
Herzig, Henry A., Port Washington, N. Y., assignor to Sperry Gyroscope Company, Inc. Inertia absorber. 2,408,067; Sept. 24.
Herzmark, Nicolas, Indianapolis, Ind. Defense system. 2,405,694; Aug. 13.
Herzog, Carl, Belleville, N. J. Apparatus for producing cage grids. 2,391,969; Jan. 1.
Herzog, Carl, Belleville, and P. A. Hauck, Union, N. J., assignors, by mesne assignments, to themselves as joint tenants. Vacuum sealing. 2,401,638; June 4.
Herzog, Gerhard: *See*—
Hare, Donald G. C., and Herzog.
Herzog Iron Works, Inc., assignee: *See*—
Vadnais, Leo L.
Hersog, Milton L., Glendale, Mo., assignor to Olin Industries, Inc. Manufacture of explosives. 2,394,449; Feb. 5.
Hesler, James C., Chicago, Ill., assignor to Infilco Incorporated. Preparation and use of anion material. 2,395,825; Mar. 5.
Hess, Arthur E.: *See*—
Denyven, Howard G., and A. E. and E. R. Hess.
Hess, Arthur L., Cincinnati, Ohio, assignor to Ditto, Incorporated, Chicago, Ill. Sheet printing and crimping. 2,400,991; May 28.
Hess, Edward R.: *See*—
Denyven, Howard G., and A. E. and E. R. Hess.
Hess, Finley B., and L. F. Robertson, Brockway, Pa., assignors to Brockway Glass Company, Inc., Brockway, Pa. Controlling glass furnaces. 2,401,640; June 4.
Hess, Frederic O., Philadelphia, Pa., assignor to Selas Corporation of America. Heating. 2,402,045; June 11.
Hess, Frederic O., Germantown, F. Miller, Glenside, and K. L. Dietrich, Jr., Philadelphia, Pa., assignors to Selas Corporation of America. Ignition device. 2,404,841; July 30.
Hess, Frederic O., Germantown, Pa., assignor to Selas Corporation of America. Heating work. 2,409,431; Oct. 15.
Hess, Frederick P.: *See*—
Wormeck, Herbert A., Hess, and Braun.
Hess, Reiza J., and F. G. Cizek, assignor to American Steel Foundries, Chicago, Ill. Hydraulic press. 2,410,581; Nov. 5.
Hess, Roy A.: *See*—
Staunton, Le Roy W., Close, and Hess.
Hess, William F., Pawtucket, R. I. Lock ring. 2,411,037; Nov. 12.
Hessel, Frederick A.: *See*—
Rust, John B., and Hessel.
Hessel, Frederick A., Upper Montclair, and J. B. Rust, Verona, assignors to Ellis-Foster Company. Protein-acetone resin compositions and process of making them. 2,398,307; Apr. 9.
Hessler, Oliver H., Normandy, assignor to Carter Carburetor Corporation, St. Louis, Mo. Wire skinning machine. 2,394,174; Feb. 5.
Hessman, William E., Luckey, Ohio, assignor to National Gypsum Company, Buffalo, N. Y. Method and apparatus for calcining materials. 2,409,206; Oct. 15.
Hester, Frank: *See*—
Olson, Harry F., and Hester.
Hester, Frank A., New York, N. Y., assignor to Radio Corporation of America. Switch device. 2,401,934; June 11.
Hester, William F., Drexel Hill, assignor to Röhm & Haas Company, Philadelphia, Pa. N-nitroaryl haloarylsulphonamides. 2,402,623; June 25.
Hester, William F., Drexel Hill, and W. E. Craig, Philadelphia, Pa., assignors to Röhm & Haas Company. Parasiticidal compositions. 2,413,627; Dec. 31.
Hetherington, Robert, & Son, assignee: *See*—
Hetherington, Robert.
Hetherington, Robert, Sharon Hill, Pa., assignor to Robert Hetherington & Son, Inc., Wilmington, Del. Snap switch of grounded type. 2,399,867; May 7.
Hetteen, Edgar E., Roseau, Minn. Power unit. 2,411,038; Nov. 12.
Hettelsater, Henry C., Whitefish Bay, assignor to Harnischfeger Corporation, Milwaukee, Wis. Excavating tooth. 2,403,078; July 2.
Hettrick Manufacturing Company, The, assignee: *See*—
Smith, William I.
Hetzel, Eugene N., St. Louis, Mo., and G. E. Taylor, Anniston, Ala., assignors to Monsanto Chemical Company. Stabilized acid sodium pyrophosphate and making it. 2,408,258; Sept. 24.
Hetzel, Frank L., and V. E. Carstedt, Los Angeles County, Calif. Stamping machine. 2,393,683; Jan. 29.
Hetzel, Frank L., Hermosa Beach, and V. E. Carstedt, Los Angeles, Calif. Clutch. 2,409,757; Oct. 22.
Heuberger, Josef, assignor to Aktiebolaget Hammarbylampan, Stockholm, Sweden. Making graphite molds. 2,395,408; Feb. 26.
Heuer, Russell P., Villa Nova, Pa., assignor to Essex Research Corporation, Wilmington, Del. Desulphurizing. 2,397,737; Apr. 2.
Heuschkel, Julius, Mount Lebanon, Pa., assignor to Carnegie-Illinois Steel Corporation. Apparatus for determining weldability. 2,406,076; Aug. 20.
Heuser, Ralph V., Weaverville, N. C. Drying apparatus with air desiccating means and automatic regenerating means therefor. 2,411,039; Nov. 12.
Heuser, Ralph V., Glenbrook, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparation of acrylonitrile. 2,409,124; Oct. 8.
Hewitt, Donald H.: *See*—
Wakeford, Leslie E., and Hewitt.
Hewitt, Edward T.: *See*—
Babbitt, Daniel R., and Hewitt.
Hewitt, Ellis E., Edgewood, and R. E. Watson, Swissvale, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Regulating device. 2,402,400; June 18.
Hewitt, Fred L., Montville, N. J., assignor to Overlakes Freight Corporation, Detroit, Mich. Airplane with material and article handling equipment. 2,402,283; June 18.
Hewitt, Roland S., Osawatomie, Kans. Telegraph system. 2,413,322; Dec. 31.
Hewlett, Allen M., Haina, Hamakua, T. H. Sugar-cane mill. 2,406,541; Aug. 27.
Hewlett, Amiot P., Cranford, N. J., assignor to Standard Oil Development Company. Production of high octane number fuels. 2,403,279; July 2.
Hewlett, Clarence W., Jr., Marblehead, Mass., assignor to General Electric Company. Unidirectional gear drive. 2,399,925; May 7.
Hewlett, Clarence W., Marblehead, Mass., assignor to General Electric Company. Vapor pressure measurement. 2,413,565; Dec. 31.

Hewlett, Clarence W., Schenectady, N. Y., assignor to General Electric Company. Making mechanically resistant and highly reflecting metallic films. 2,410,733; Nov. 5.

Hewlett-Packard Company, assignee: *See*—
Packard, David, and Porter.

Heyd, Josef W., Dayton, Ohio, assignor to Monsanto Chemical Company. Polymerization of methyl isopropenyl ketone. 2,406,684; Aug. 27.

Hayden Chemical Corporation, assignee: *See*—
Bowman, Philip L., Barth, and Burrell.
Burghardt, Raymond F., and Barth.
Burrell, Harry.
Sjolander, Newell, and Eisenman.

Heyer, Benjamin F. W., Tenafly, assignor to Knickerbocker Development Corporation, Belleville, N. J. Battery capacity tester. 2,392,737; Jan. 8.

Heyer, Don, Los Angeles, Calif. Variable speed drive. 2,395,625; Feb. 26.

Heyer, Don, Los Angeles, Calif. Automatic film exhibitor. 2,398,639; Apr. 16.

Heyman, Horace W., Kenilworth, N. J. Strain relief means for electrical cords. 2,398,002; Apr. 9.

Heyman, Karl, Montclair, N. J., assignor to American Viscose Corporation, Wilmington, Del. Dyeing. 2,394,688; Feb. 12.

Heyman, Karl, Montclair, N. J., assignor to American Viscose Corporation, Wilmington, Del. Dyeing. 2,394,689; Feb. 12.

Heyman, Moses D., Cedarhurst, assignor, by mesne assignments, to Integrated Mica Corporation, Woodmere, N. Y. Integrated mica and making the same. 2,405,576; Aug. 13.

Heyman, Wilbert A., assignor to Granular Foods, Inc., New York, N. Y. Dehydrated caramel color. 2,402,999; July 2.

Heymann, Roy D., New Hartford, Conn., assignor, by mesne assignments, to Animal Trap Company of America, Lititz, Pa. Form for use in building self-sealing containers for gasoline, etc. 2,413,497; Dec. 31.

Heymann, Seymour E., Evanston, assignor to Stewart-Warner Corporation, Chicago, Ill. Heater control apparatus. 2,396,655; Mar. 19.

Heymann, Seymour E., assignor to Stewart-Warner Corporation, Chicago, Ill. Carburetor anti-icing device. 2,398,094; Apr. 9.

Heymann, Seymour E., assignor to Stewart-Warner Corporation, Chicago, Ill. Aircraft heating system. 2,400,509; May 21.

Heyman, David H., Yellow Springs, Ohio. Driving mechanism. 2,404,907; July 30.

Heyne, Clarence A.: *See*—
Duncan, Donald M., Wright, Jackson, and Heyne.

Heynisch, Paul, Zug, Switzerland, assignor to Landis & Gyr, A. G. Mean-value indicator with excess counter. 2,407,369; Sept. 10.

Heyroth, Albert H., assignor to The Carborundum Company, Niagara Falls, N. Y. Making molds. 2,401,760; June 11.

Heyn, George H., administrator: *See*—
Cantley, Joseph C., and Pym.
Pym, Arthur F.

Heywood Compressor Company Limited, assignee: *See*—Hunt, Joseph A.
Morellion, Albert E., and Hunt.

Heywood, Harold L.: *See*—
Armitage, Joseph B., and Heywood.

Hiack, Frank, Butler, Pa. Rotary weed puller. 2,402,550; June 25.

Hibbard, Robert L., Jr., et al., executors: *See*—
Hibbard, Robert L.

Hibbard, Robert L., deceased, Bellevue, assignor of one-half to W. K. Stamets, Mars, Pa.; S. C. and R. L. Hibbard, Jr., and H. M. Junkin, executors. Conveyer table. 2,405,141; Aug. 6.

Hibbard, Robert R., Lorain, assignor to The Standard Oil Company, Cleveland, Ohio. Catalytic treatment of hydrocarbons. 2,395,048; Feb. 19.

Hibbard, Stewart C., et al., executors: *See*—
Hibbard, Robert L.

Hibner, De Los E.: *See*—
Arey, Fred C., and Hibner.

Hickernell, Latimer P., Irvington, and J. E. Talbott, Dobbs Ferry, assignors to Anaconda Wire & Cable Company, New York, N. Y. Electric cable. 2,394,611; Feb. 12.

Hickey, Henri J., Cleveland, Ohio. Internal-combustion engine. 2,398,640; Apr. 16.

Hickey, James, Portland, Oreg. Buttonhole attachment for sewing machines. 2,405,253; Aug. 6.

Hickey, John P., Columbus, Ohio. Wire carrier for workmen. 2,400,417; May 14.

Hickler, Walter R.: *See*—
Glidden, Alfred A., and Hickler.

Hickman, Albert F., assignor to Hickman Pneumatic Seat Co., Inc., Eden, N. Y. Spring suspension for railroad cars. 2,394,547; Feb. 12.

Hickman, Albert F., assignor to Hickman Pneumatic Seat Co., Inc., Eden, N. Y. Spring suspension for railroad cars. 2,394,548; Feb. 12.

Hickman, Albert F., assignor to Hickman Pneumatic Seat Co., Inc., Eden, N. Y. Transmission. 2,397,140; Mar. 26.

Hickman, Albert F., assignor to Hickman Pneumatic Seat Co., Inc., Eden, N. Y. Vehicle spring suspension. 2,399,226; Apr. 30.

Hickman, Albert F., assignor to Hickman Pneumatic Seat Co., Inc., Eden, N. Y. Bolster construction for railroad trucks. 2,400,550; May 21.

Hickman, Albert F., assignor to Hickman Pneumatic Seat Co. Inc., Eden, N. Y. Spring suspension for railroad cars. 2,402,161; June 18.

Hickman, Albert F., assignor to Hickman Pneumatic Seat Co. Inc., Eden, N. Y. Spring suspension for railroad cars. 2,410,068; Oct. 29.

Hickman, Clarence C., Lexington, Va. Broom holder. 2,410,972; Nov. 12.

Hickman, Darold B., North Attleboro, Mass. Wrist watch strap. 2,394,856; Feb. 12.

Hickman, Kenneth C. D., assignor to Distillation Products, Inc., Rochester, N. Y. High vacuum distillation apparatus. 2,396,374; Mar. 12.

Hickman, Kenneth C. D., assignor to Distillation Products, Inc., Rochester, N. Y. Method and apparatus for dehydrating in the frozen state. 2,402,401; June 18.

Hickman, Kenneth C. D., assignor to Distillation Products, Inc., Rochester, N. Y. Apparatus and process for producing fog or smoke. 2,402,402; June 18.

Hickman, Kenneth C. D., assignor to Distillation Products, Inc., Rochester, N. Y. Vacuum apparatus. 2,406,017; Aug. 20.

Hickman, Kenneth C. D., and E. S. Perry, assignors to Distillation Products, Inc., Rochester, N. Y. Vacuum distillation apparatus. 2,403,978; July 16.

Hickman, Kenneth C. D., assignor to Distillation Products, Inc., Rochester, N. Y. Vacuum distillation process and apparatus. 2,408,639; Oct. 1.

Hickman Pneumatic Seat Co. Inc., assignee: *See*—
Hickman, Albert F.

Hickok Manufacturing Company, Inc., assignee: *See*—
Miller, Edward F.

Hicks, James A., deceased, by R. L. Holbrook, Atlanta, Ga., administrator, assignor to A. L. Belle Isle. Roller ironer. 2,400,233; May 14.

Hicks, Raymond M., Westfield, N. J., assignor to The Teleregister Corporation, New York, N. Y. Secret telegraph system. 2,403,280; July 2.

Hicks, William A., Chicago, Ill. Picture frame. 2,411,372; Nov. 19.

Hicks, William B., and D. J. Saunders, Syracuse, assignors to The Solvay Process Company, New York, N. Y. Detergent composition. 2,404,289; July 16.

Hickson, A. L., Administrator: *See*—
Leonard, Chester G.

Hickson, Louis A., Philadelphia, Pa. Fishing rig or leader. 2,392,147; Jan. 1.

Hiehle, Michael E., Schenectady, N. Y., assignor to General Electric Company. Impedance switching device. 2,395,870; Mar. 5.

Hieronymus, Charles G., Hollis, N. Y., and G. H. Ridings, Summit, and R. J. Wise, Dunellen, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Automatic blind and bit detector. 2,410,442; Nov. 5.

Higby, Ralph H., Ontario, assignor to California Fruit Growers Exchange, Los Angeles, Calif. Manufacturing hesperidin. 2,400,693; May 21.

Higgins, Bertram G., Rugby, England, assignor to General Electric Company. Electric control circuit. 2,395,626; Feb. 26.

Higgins, Charles B., Grand Rapids, Mich. Adjustable stilt step. 2,410,582; Nov. 5.

Higgins Industries, Inc., assignee: *See*—
Diggs, Maury I.
Dugas, Joseph J.
Monaghan, Henry W.

Higgins, John H., Newport, R. I. Corn kernel cutter. 2,412,149; Dec. 3.

Higgins, Waldo W., Whitefish Bay, Wis., assignor to A. O. Smith Corporation, Milwaukee, Wis. Joinder of porcelain enameled products. 2,403,079; July 2.

Higgins, Waldo W., Whitefish Bay, assignor to A. O. Smith Corporation, Milwaukee, Wis. Electrical insulator. 2,405,425; Aug. 6.

Higginson, Joseph H., and H. C. Riggs, Andover, Mass., assignors to Riggs & Lombard, Inc., Lowell, Mass. Safety mechanism for dye kettles and the like. 2,410,214; Oct. 29.

High, Le Roy B., and J. B. Harmon, assignors to The Udylite Corporation, Detroit, Mich. Torch. 2,405,952; Aug. 20.

High, Le Roy B., and G. C. T. Lindh, assignors to The Udylite Corporation, Detroit, Mich. Method and apparatus for forming thermoplastic inner soles. 2,407,495; Sept. 10.

Higham, William W., Marion, Ohio, assignor, by mesne assignments, to International Detrola Corporation, Elkhart, Ind. Refrigerating apparatus. 2,403,528; July 9.

High Point Bending & Chair Company, assignee: *See*—
Croft, John J., and Fox.

High Production Machine Co., Inc., assignee: *See*—
Haessler, William J.

High Standard Manufacturing Company, The, assignee: *See*—
Swebilius, Carl G.

Hight, Franklin R., and R. O. Greenshields, Detroit, and F. J. Mueller, Grosse Pointe Woods, Mich., assignors, by mesne assignments, to The Budd Company, Philadelphia, Pa. Rolling mill. 2,406,219; Aug. 20.

Hight, William R., St. Albans, N. Y., and B. A. Wittkuhns, Summit, N. J., assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Automatic correction device for gyroscopic compasses. 2,403,000; July 2.

Higley, Frank R., Cleveland Heights, and P. W. McCoy, South Euclid, assignors to The Bryant Heater Company, Cleveland, Ohio. Gravity furnace. 2,400,352; May 14.

Hignutt, Frank W.: *See*—
Snell, William P., Frantz, and Hignutt.

Hilblom, Samuel E.: *See*—
Hitchcock, Rex B., and Hilblom.

Hilblom, Samuel E., Chicago, Ill., assignor to International Harvester Company. Hay rake. 2,394,057; Feb. 5.

Hilblom, Samuel E., Chicago, Ill., assignor to International Harvester Company. Mower. 2,403,365; July 2.

Hilborn, Howard D., Houston, Tex., assignor to Emsco Derrick & Equipment Company, Los Angeles, Calif. Raising and lowering portable derricks. 2,403,080; July 2.

Hilborn, Howard D., Houston, Tex., assignor to Emsco Derrick & Equipment Company, Los Angeles, Calif. Portable derrick. 2,403,081; July 2.

Hildebrand, Paul, and A. Metz, Mannheim, Germany; vested in the Alien Property Custodian. Setting device on mechanical and electrical measuring instruments. 2,407,154; Sept. 3.

Hileman, George A., and M. E. Houk, Pittsburgh, Pa., assignor to Carnegie-Illinois Steel Corporation. Sheet feeding device. 2,395,740; Feb. 26.

Hilger, Henry M., Fort Wayne, Ind. Teeter-go-round. 2,409,487; Oct. 15.

Hill Acme Company, The, assignee: *See*—
Ecoff, Roy W.

Hill, Allan W., Wilkinsburg, and J. M. Cumming, Turtle Creek, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit breaker. 2,403,082; July 2.

Hill, Arthur J.: *See*—
Holmes, Roger B., and Hill.
Parker, Robert P., and Hill.
Pleger, Karl G., and Hill.

Hill, Arthur J., New Haven, Conn., and R. B. Holmes, South River, N. J., assignors to American Cyanamid Company, New York, N. Y. Alcoholysis of alkamine esters of diaryl hydroxyacetic acids. 2,394,770; Feb. 12.

Hill, Arthur J., New Haven, and W. M. Degnan, Southington, Conn., assignors to American Cyanamid Company, New York, N. Y. Acidyl 4-thiobiurets and making them. 2,398,003; Apr. 9.

Hill, Arthur J., New Haven, and W. M. Degnan, Southington, Conn., assignors to American Cyanamid Company, New York, N. Y. Acidyl derivatives of substituted biurets. 2,401,244; May 28.

Hill Bros., assignee: *See*—
Hill, Harry D.

Hill Brothers Veneer Co., assignee: *See*—
McKee, Halbert.

Hill, Dudley L., Peekskill, N. Y. Implement for soil preparation. 2,394,771; Feb. 12.

Hill, Dudley L., Peekskill, N. Y. Cultivating implement. 2,405,503; Aug. 6.

Hill, E. Govan, assignee, trustee, et al.: *See*—
Ingres, Jeannot G.

Hill, Ebenezer, Stamford, Conn. Calculating instrument. 2,404,709; July 23.

Hill, Edward H., San Antonio, Tex. Roller conveyer for vehicle bodies. 2,411,133; Nov. 12.

Hill, Eugene F., Grosse Ile, Mich., assignor, by mesne assignments, to Wyandotte Chemicals Corporation, Wyandotte, Mich. Preservative composition. 2,392,987; Jan. 15.

Hill, Frank B., Spondon, near Derby, assignor to British Celanese Limited, London, England. Shrinking cellulose derivative textile material. 2,394,772; Feb. 12.

Hill, Frank L., and K. A. Hill, Rockford, Ill.; said K. A. Hill assignor to said F. L. Hill. Hose clamp. 2,395,273; Feb. 19.

Hill, George B., and F. D. Jones, assignor to Dain Manufacturing Company of Iowa, Ottumwa, Iowa. Ensilage harvester. 2,394,996; Feb. 19.

Hill, Gilbert H., Fostoria, assignor of one-half to R. V. Bailey, Davenport, Iowa. Blood testing cabinet. 2,392,322; Jan. 8.

Hill, Gordon W.: *See*—
Schmidhuber, Ludwig, Nelson, and Hill.

Hill, Harry D., Franklin, assignor of fifty per cent to Amos-Thompson Corporation, and fifty per cent to Hill Bros., Edinburg, Ind. Lathe apparatus for cutting comb grain veneer. 2,397,110; Mar. 26.

Hill, Henry A.: *See*—
Atwood, Francis C., and Hill.

Hill, Henry C., Montclair, N. J., assignor to Wright Aeronautical Corporation. Hydraulic brake. 2,407,699; Sept. 17.

Hill, Henry E.: *See*—
Ellwood, Walter B., and Hill.

Hill, Irving, assignor to The Lawrence Paper Company, Lawrence, Kans. Controlled ventilated container. 2,404,065; July 16.

Hill, Julian W.: *See*—
Fothergill, Robert E., Hill, and Johnson.

Hill, Julian W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Molding process. 2,413,498; Dec. 31.

Hill, Julian W., R. V. Lindsey, Jr., and R. H. Wiley, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of chlorofluorosilanes. 2,395,826; Mar. 5.

Hill, Julian Werner: *See*—
Berry, Kenneth L., and Hill.

Hill, Justin D., assignor to The Lawrence Paper Company, Lawrence, Kans. Container and closure therefor. 2,404,067; July 16.

Hill, Keith A.: *See*—
Hill, Frank L., and Keith.

Hill, Lawrence R.: *See*—
Barker, Harry H., Hill, and Berberich.

Hill, Louis G., Detroit, Mich. Attachment for lathes and the like. 2,394,175; Feb. 5.

Hill, Maxwell H., Rochester, N. Y. Cap removers and support therefor. 2,404,066; July 16.

Hill, Nikolai, New York, N. Y. Mop holder. 2,412,150; Dec. 3.

Hill, Oiva E.: *See*—
Belden, Albert G., Flygare, and Hill.

Hill, Ralph M., and H. G. Coder, Mountainside, N. J., assignors to Standard Oil Development Company. Manufacture of cyclopentanes. 2,403,281; July 2.

Hill, Ralph M., Mountainside, and C. H. Watkins, Cranford, N. J., assignors to Standard Oil Development Company. Chemical process. 2,409,681; Oct. 22.

Hill, Ronald A., Wandsworth, London, assignor to The Aluminum Plant & Vessel Company Limited, London, England. Treatment of liquids. 2,408,021; Sept. 24.

Hill, Rowland: *See*—
Gudgeon, Herbert, and Hill.

Hill, Roy L., assignor to Atlas Powder Company, Wilmington, Del. Explosive assembly. 2,401,641; June 4.

Hill, Russell J., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Making tubular abrasive. 2,411,724; Nov. 26.

Hill, Thomas C.: *See*—
De Bell, George W., and Hill.

Hill, Thomas C., Parkville, assignor to The Glenn L. Martin Company, Middle River, Md. Swiveling fluid joint. 2,412,810; Dec. 17.

Hill, Walter E., Streetley, and T. D. G. Wintle, and R. W. Morgan, assignors to J. A. Crabtree & Co., Ltd., Walsall, England. Coupling for electrical wiring systems. 2,403,979; July 16.

Hill, Walter P., Detroit, assignor to Calumet and Hecla Consolidated Copper Company, Calumet, Mich. Manufacturing finned tubes with support engaging bearing portions. 2,404,575; July 23.

Hill, William H., Mount Lebanon, Pa., assignor to American Cyanamid Company, New York, N. Y. Metal pickling. 2,394,773; Feb. 12.

Hill, William H., Mount Lebanon, Pa., assignor to American Cyanamid Company, New York, N. Y. Pickling inhibitors. 2,394,774; Feb. 12.

Hill, William H., Mount Lebanon, Pa., assignor, by mesne assignments, to Koppers Company, Inc. Perthiocyanic metal pigments. 2,402,961; July 2.

Hill, William H., Mount Lebanon, Pa., assignor, by mesne assignments, to Koppers Company, Inc. Perthiocyanic-acid pigment. 2,402,962; July 2.

Hill, William H., Mount Lebanon, Pa., assignor, by mesne assignments, to Koppers Company, Inc. Vulcanization of rubber. 2,412,984; Dec. 24.

Hill, William H., Mount Lebanon, Pa., assignor, by mesne assignments, to Koppers Company, Inc. Vulcanization of rubber. 2,412,985; Dec. 24.

Hill, William H., and J. H. F. Veltman, Mount Lebanon, assignors, by mesne assignments, to Koppers Company, Incorporated, Pittsburgh, Pa. Prevention of formation of colors in thiocyanates. 2,404,576; July 23.

Hillard, Harry G. and C. J. Jaeger, Sr., Bayonne, N. J. Light-producing device. 2,412,684; Dec. 17.

Hillberg, Albert T., Orange, assignor, by mesne assignments, to M. N. Vliet, Hackettstown, N. J. Collet chuck. 2,401,071; May 28.

Hillebrand, Earl D., Kankakee, Ill., assignor to Florence Stove Company, Gardner, Mass. Oven door construction. 2,394,176; Feb. 5.

Hiller, Abe, assignor of one-third to J. G. Lichtig, and one-third to M. Hiller, Milwaukee, Wis. Refrigeration apparatus. 2,409,279; Oct. 15.

Hiller, Max, assignee, et al.: *See*—
Hiller, Abe.

Hillery, Thomas J., assignor to George Benda, Inc., Boonton, N. J. Manufacturing a cellulose ester molding batch having a metallic appearance and the batch produced thereby. 2,405,953; Aug. 20.

Hillgren, Carl A., Los Angeles, Calif. Door lock. 2,403,597; July 9.

Hillier, Harold, Cathcart, Scotland, assignor to G. & J. Weir, Limited. Liquid pump of the centrifugal type. 2,397,664; Apr. 2.

Hillier, Harold, and T. McAlpine, Cathcart, Glasgow, assignors to G. & J. Weir Limited, Glasgow, Scotland. Pump. 2,408,851; Oct. 8.

Hillier, James: *See*—
Zworykin, V. K., and Hillier.

Hillier, James, Cranbury, N. J., assignor to Radio Corporation of America. Electron microscope. 2,392,243; Jan. 1.

Hillier, James, Cranbury, N. J., assignor to Radio Corporation of America. Limiting aperture for electron image. 2,410,658; Nov. 5.

Hillier, James, Collingswood, and R. F. Baker, Merchantville, N. J., assignors to Radio Corporation of America. Electron microscope. 2,403,529; July 9.

Hillier, James, Cranbury, and R. F. Baker, Princeton, N. J., assignors to Radio Corporation of America. Electronic microanalyzer monitoring. 2,405,306; Aug. 6.

Hilliker, Frank T., St. Louis, Mo., assignor, by direct and mesne assignments, of one-half to R. M. Carson, Red Oak, Iowa, and one-half to E. Hohl, Kansas City, Mo., trustee. Tableware scrapping and salvaging machine. 2,400,879; May 28.

Hillman, Joseph L., Dudley, England. Fluid sealing device for shafts and the like. 2,398,376; Apr. 16.

Hillman, Leon, New York, N. Y. Selective indicating system. 2,410,821; Nov. 12.

Hills, George S., New Rochelle, N. Y. Collapsible container for pastes. 2,413,323; Dec. 31.

Hills, Leander H., and A. L. Gordon, assignors to The Vellumoid Company, Worcester, Mass. Securing elastomeric films to sheet material. 2,399,804; May 7.

Hills, Robert C., assignor to Nicaro Nickel Company, New York, N. Y. Recovery of nickel and ammonia. 2,400,114; May 14.

Hills, Robert C., Nicaro, Cuba, assignor to Nicaro Nickel Company, New York, N. Y., a corporation of Delaware. Magnetic separation and settling for serpentine ores. 2,400,461; May 14.

Hills, Robert C., and M. F. Dufour, assignors to Nicaro Nickel Company, New York, N. Y. Recovery of nickel and/or cobalt from nickelliferous ores. 2,400,115; May 14.

Hills, Robert C., and M. F. Dufour, assignors to Nicaro Nickel Company, New York, N. Y. Removal of sulphur in recovery of nickel. 2,408,311; Sept. 24.

Hillyer, Curtis, Jr., and H. Blackstone, Richmond Hill, N. Y. Gaseous discharge tube. 2,409,855; Oct. 22.

Hillyer, Curtis, Jr., and H. Blackstone, Richmond Hill, N. Y. Light sensitive device. 2,411,323; Nov. 19.

Hillyer, John C.: *See*—
Schulze, Walter A., and Hillyer.

Hillyer, John C., and H. E. Drennan, Bartlesville, Okla., assignors to Phillips Petroleum Company. Isomerization process. 2,395,274; Feb. 19.

Hillmer, Milton, Center Valley, G. J. Signarovitz, Allentown, Pa., and T. N. Adlam, West Orange, N. J., assignors to Sarco Company, Inc., New York, N. Y. Control device. 2,412,218; Dec. 10.

Hilsenrath, Joseph, and S. Globe, U. S. Navy. Azimuth computer. 2,408,776; Oct. 8.

Hilstrom, Gunnar H., East Weymouth, and W. E. Westland, Quincy, Mass., assignors to Bethlehem Steel Company. Metal cutting apparatus. 2,394,775; Feb. 12.

Hiltner, James R., Morrisville, and W. Berlinghof, Jr., Bristol, assignors to Röhm & Haas Company, Philadelphia, Pa. Extrusion of thermoplastic material. 2,401,642; June 4.

Hilton, Charles G., Amarillo, Tex. Combined bootjack and boot hook. 2,408,640; Oct. 1.

Hilton, Marietta: *See*—
Campbell, Bernard J., and Hilton.

Hilton, Terrance W., Windsor, Ontario, Canada. Nut. 2,399,227; Apr. 30.

Himmel, Leon, Bronx, assignor to Federal Telephone and Radio Corporation, Newark, N. J. Phase changer. 2,402,624; June 25.

Himmel, Leon, Bronx, assignor to Federal Telephone and Radio Corporation, New York, N. Y. Beacon system. 2,412,986; Dec. 24.

Himoff, Morris G.: *See*—
Casella, Secondo L., and Himoff.

Himoff, Morris G., assignor to Morey Machinery Co., Inc., New York, N. Y. Turret lathe headstock. 2,401,072; May 28.

Hinckley-Myers Division of Kent-Moore Organization, Inc., assignee: *See*—
Holton, George E., Heglund, and Manson.

Hindahl, David, Chicago, Ill. Car construction. 2,409,856; Oct. 22.

Hinde & Dauch Company, The, assignee: *See*—
Larkin, Daniel A.

Hinde & Dauch Paper Company, The, assignee: *See*—
Dieckbrader, Frederick A.
Loth, Gaylord.

Hindin, Alexander: *See*—
Shriro, Morris A., and Hindin.

Hindle, Alfred E., Prescott, and F. Nichols, Wickenburg, Ariz. Culinary implement. 2,397,665; Apr. 2.

Hindle, Walter H.: *See*—
Croft, Cyril M., and Hindle.
Croft, Cyril M., Hindle, and Pinault.

Hindley, Nathan C.: *See*—
Bergel, Franz, Hindley, Morrison, and Rinderknecht.

Hinds, Reinhard P. H., Petts Wood, England. Portable electric hand lamp such as inspection lamp. 2,413,628; Dec. 31.

Hinds, Sherwood: *See*—
Jauch, Robert J., Hinds, and Sturm.

Hinegardner, Wilbie S.: *See*—
Lacy, Burritt S., Bond, and Hinegardner.

Hineline, Edson S., assignor to Graflex, Inc., Rochester, N. Y. Electric-motor-driven combined camera focal-plane shutter and film feed. 2,393,534; Jan. 22.

Hineline, Edson S., assignor to Graflex, Inc., Rochester, N. Y. Motor-driven curtain-shutter and release mechanism for photographic cameras. 2,407,277; Sept. 10.

Hineline, Harris D.: *See*—
Young, David W., and Hineline.

Hines, Charles F., Clarksburg, W. Va. Ash tray. 2,404,174; July 16.

Hines, Claude M., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Decelerometer apparatus. 2,393,375; Jan. 22.

Hines, Claude M., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Air raid warning system. 2,396,422; Mar. 12.

Hines, Claude M., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Air raid warning control system. 2,396,423; Mar. 12.

Hines, Claude M., Pittsburgh, assignor to Westinghouse Air Brake Company, Wilmerding, Pa. Electric decelerometer. 2,402,403; June 18.

Hines, Claude M., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Control apparatus. 2,406,220; Aug. 20.

Hines, Claude M., Pittsburgh, and C. D. Stewart, Wilkinsburg, assignors to The Westinghouse Air Brake Company, Wilmerding Pa. Deceleration control apparatus. 2,396,424; Mar. 12.

Hines, Claude M., Pittsburgh, and J. W. Rush, Wilkinsburg, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Linear generator. 2,409,857; Oct. 22.

Hines, Rufus E., Chicago, Ill. Collet chuck. 2,410,344; Oct. 29.

Hings, Donald L., Ottawa, Ontario, Canada, assignor to Electronic Laboratories, Inc., Indianapolis, Ind. Radio Signaling system. 2,395,049; Feb. 19.

Hings, Donald L., Ottawa, Ontario, Canada. Antenna. 2,400,551; May 21.

Hiniker, Henry G., Mankato, Minn. Draft tongue for trailers. 2,397,964; Apr. 9.

Hinkle, Edward F., Dearborn, and A. Stewart, Ypsilanti, assignors to Ford Motor Company, Dearborn, Mich. Riveting. 2,395,741; Feb. 26.

Hinkle, George A., New York, assignor to C. H. Bennington Mfg. Co. Inc., Hempstead, N. Y. Artificial limb and brace. 2,395,120; Feb. 19.

Hinkley, Ray A., assignor to Corning Glass Works, Corning, N. Y. Perforating and tabulating apparatus. 2,410,345; Oct. 29.

Hinman Milking Machine Co., Inc., assignee: *See*—
Hinman, Ralph L.

Hinman, Ralph L., deceased, Oneida, N. Y.; Oneida Valley National Bank, executor, assignor to Hinman Milking Machine Co., Inc., Oneida, N. Y. Milking machine. 2,404,068; July 16.

Hinman, Ralph L., assignor to Hinman Milking Machine Co., Inc., Oneida, N. Y. Milking machine. 2,404,069; July 16.

Hinnekens, Maurice G., Paterson, N. J. Reel. 2,395,388; Feb. 26.

Hinsey, Joseph C., Scarsdale, and W. A. Geohegan, Mamaroneck, N. Y., assignors to the Government of the United States. Stimulator. 2,410,499; Nov. 5.

Hinson, Jay B., Hartsdale, N. Y. Extinguisher. 2,406,685; Aug. 27.

Hintze, Rudolf, Berlin-Charlottenburg 9, Germany; vested in the Alien Property Custodian. Refrigerating apparatus of the compression type. 2,396,573; Mar. 12.

Hintze, Rudolf, Berlin-Charlottenburg, Germany; vested in the Alien Property Custodian. Refrigerating apparatus of the compression type. 2,403,220; July 2.

Hiort af Ornäs, Hans E. S., Stockholm, Sweden. Dishwasher. 2,395,968; Mar. 5.

Hipwell, Harry H.: *See*—
Hipwell, Harry T. and H. H.

Hipwell, Harry T. and H. H., Pittsburgh, Pa. Flash lamp. 2,396,046; Mar. 5.

Hirlund, Reinhold, Detroit, Mich. Shirt. 2,398,428; Apr. 16.

Hirmann, Julius, Hillside, N. J., assignor to Radio Corporation of America. Filamentary cathode. 2,404,070; July 16.

Hirsch, Alfred, Painesville, Ohio, assignor to Diamond Alkali Company, Pittsburgh, Pa. Purification of alkali metal sulphates. 2,392,669; Jan. 8.

Hirsch, Emanuel O., Chicago, Ill. Shirt collar construction. 2,401,157; May 28.

Hirsch, George B., Providence, R. I., assignor to Brown and Sharpe Manufacturing Company. Driving and control mechanism. 2,404,439; July 23.

Hirsch, Morris, assignee, et al.: *See*—
Travis, Perice M.

Hirsch, Richard V., South Gate, Calif. Drilling machine. 2,398,141; Apr. 9.

Hirsch, Robert L.: *See*—
Large, Charles B., Zucrow, and Hirsch.

Hirsch, Sylvan R., assignor to Brunner Manufacturing Company, Utica, N. Y. Compressor unloader. 2,408,932; Oct. 8.

Hirschkind, Wilhelm, Berkeley, Calif., assignor to The Dow Chemical Company, Midland, Mich. Production of alkyl bromides. 2,404,800; July 30.

Hirsh, Dwight C., assignee: *See*—
Crane, Walton B.

Hirshstein, M. J., trustee, assignee, et al.: *See*—
Pomeroy, Roy J.

Hirshstein, Mildred, assignee, et al.: *See*—
Pomeroy, Roy J.

Hirst, Harry A., assignee, trustee, et al.: *See*—
Stark, Fred J., and Slack.

Hirst, Wallace: *See*—
Bangham, Donald H., Bennett, Brown, Hirst, Pirani, and Philpotts.

Hirt, Rudolf: *See*—
Martin, Henry, Hirt, and Staub.

Hitchcock, Melville E.: *See*—
Marsh, Jay L., and Hitchcock.

Hitchcock, Melville E., South Charleston, and J. A. Field, Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation. Cyclic butadiene process. 2,403,743; July 9.

Hitchcock, Rex B., Evanston, and S. E. Hilblom, Chicago, Ill., assignors to International Harvester Company. Ensilage blower. 2,394,058; Feb. 5.

Hitchcock, Rex B., Evanston, and S. E. Hilblom, Chicago, Ill., assignors to International Harvester Company. Ensilage blower having swinging feed hopper. 2,405,695; Aug. 13.

Hitchcock, Rex B., Evanston, and H. S. Seeber, Moline, Ill., assignors to International Harvester Company. Feeder for threshers. 2,410,500; Nov. 5.

Hitchcock, Stanley I., London, England. Permanent magnet structure. 2,404,710; July 23.

Hitchcock, Stanley I., assignor to Tropical Plantations Limited, London, England. Dynamoelectric machine. 2,408,641; Oct. 1.

Hitchon, Carl K., Stamford, Conn., and J. D. Pennell, Jr., assignors to Chemical Construction Corporation, New York, N. Y. Production of alumina. 2,405,426; Aug. 6.

Hite, Charles E., Philadelphia, Pa., assignor to Albert P. de Sanno, Jr., Phoenixville, Pa. Swing frame grinder. 2,398,308; Apr. 9.

Hite, Daniel L., West Columbia, S. C. Shutter structure. 2,394,059; Feb. 5.

Hitson, Robert H.: *See*—
Owens, James B., and Hitson.

Hitt, Otha A., Chesterfield County, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Yarn twisting apparatus. 2,406,768; Sept. 3.

Hitzelberger, Erwin, Rohr, Germany; vested in the Alien Property Custodian. Device for mounting engine hoods on motor vehicles. 2,410,734; Nov. 5.

Hixson, Arthur W., Leonia, N. J., and R. Miller, Woodside, Long Island, N. Y., assignors to The Chemical Foundation, Incorporated. Recovery of acidic gases. 2,405,747; Aug. 13.

Hixson, Arthur W., Leonia, N. J., and R. Miller, New York, N. Y., assignors to The Chemical Foundation, Incorporated, as trustee. Recovery of vanadium. 2,407,008; Sept. 3.

Hlavin, William S.: *See*—
Sigmund, Frank J., and Hlavin.

Hnat, John, Rome, N. Y. Ski-equipped wheelbarrow. 2,398,742; Apr. 9.

Hoag, Herbert A., Tecumseh, Mich. Sign. 2,399,029; Apr. 23.

Hoag, James I., Bloomfield, Iowa. Insect deflector. 2,402,963; July 2.

Hoag, Roderick W., Melrose, Mass. Container and closure. 2,406,331; Aug. 27.

Hoagberg, Sven V., West Hartford, Conn., assignor to J. K. Smit & Sons, Inc., New York, N. Y. Diamond tool. 2,395,662; Feb. 26.

Hoaglund, Reginald W., Detroit, Mich., assignor, by mesne assignments, to United States of America. Reaction propelled device. 2,412,266; Dec. 10.

Hoague-Sprague Corporation, assignee: *See*—
Knowlton, Cutler D.
Knowlton, Cutler D., and Thresh.

Hoare, Stephen C., Manchester, Mass., assignor to General Electric Company. Resonant circuit saturable core measurement apparatus. 2,412,046; Dec. 3.

Hobar Co., The, assignee: *See*—
Baril, Samuel J., and Hochheimer.

Hobart Bros. Company, The, assignee: *See*—
Hobart, Edward A.

Hobart, Edward A., assignor to The Hobart Bros. Company, Troy, Ohio. Idling mechanism for welding apparatus. 2,396,176; Mar. 5.

Hobart, Franklin G., Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Engine valve mounting. 2,407,422; Sept. 10.

Hobart, Harold P.: *See*—
Hunter, Benjamin F., and Hobart.

Hobart Manufacturing Company, assignee: *See*—
Brookhart, Theodore C., and Meeker.

Hobart Manufacturing Company, The, assignee: *See*—
Meeker, David A., and Allen.

Hobbs, Frank, Seattle, Wash. Bending mechanism. 2,399,348; Apr. 30.

Hobbs, Henry W.: *See*—
Browne, Cecil O., and Hobbs.

Hobbs, James C., Painesville, Ohio. High-pressure control valve. 2,391,898; Jan. 1.

Hobbs, James C., Painesville, Ohio. Valve seat construction. 2,391,899; Jan. 1.

Hobbs, James C., Painesville, Ohio. Pressure sealing joint. 2,391,900; Jan. 1.

Hobbs, John W., assignor to John W. Hobbs Corporation, Springfield, Ill. Making sealing devices. 2,406,686; Aug. 27.

Hobbs, John W., Corporation, assignee: *See*—
Hobbs, John W.

Hobbs, Leonard J., Annandale, New South Wales, Australia. Combined receptacle and shield for attachment to bicycles. 2,401,245; May 28.

Hobbs, Leonard S., West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Variable blower drive. 2,400,506; May 14.

Hobbs, Leonard S., and A. V. D. Willgoos, West Hartford, assignors to United Aircraft Corporation, East Hartford, Conn. Variable-speed drive. 2,400,307; May 14.

Hobbs, Marcus: *See*—
Gross, Paul M., Hobbs, and Bradsher.

Hobrock, Raymond H., Troy Township, Oakland County, assignor to Bundy Tubing Company, Detroit, Mich. Method of welding tube. 2,398,937; Apr. 23.

Hobson, Frank M., and E. E. Brady, Jr., Washington, D. C. Canister support. 2,400,146; May 14.

Hobson, H. M., (Aircraft & Motor) Components Limited, assignee: *See*—
Maddox, Stanley V.
Simpson, Thomas.

Hobson, Leland S., Drexel Hill, Pa., assignor to General Electric Company. Electric circuit breaker. 2,393,164; Jan. 15.

Hobson, Stanley H., assignor to Geo. D. Roper Corporation, Rockford, Ill. Combination broiler and server for domestic ranges. 2,411,993; Dec. 3.

Hobush, Albert P.: *See*—
Schmid, Herman.

Hoch, Grover C., Dubuque, Iowa, assignor to Klauer Manufacturing Company. Ventilator. 2,404,961; July 30.

Hochfelder, Patricia, Woodmere, N. Y. Garment construction. 2,403,598; July 9.

Hochheimer, Lawrence: *See*—
Baril, Samuel J., and Hochheimer.

Hochreiter, Edward, Cynwyd, Pa., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Scribing fixture. 2,402,890; June 25.

Hochuli, John H.: *See*—
Hyde, George G., and Hochuli.

Hochwalt, Carroll A., Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Production of fumarodinitrile. 2,399,349; Apr. 30.

Hock, Alvin, Cincinnati, Ohio. Strainer. 2,412,400; Dec. 10.

Hockery, John C., assignee: *See*—
Grant, Albert E.
Talge, Henry J., and Landry.

Hocott, Claude R., Houston, Tex., assignor to Standard Oil Development Company. Evaporation tower for cooling suspensions. 2,403,719; July 9.

Hodgdon, Stuart W., Poland, Maine. Grinding machine. 2,397,860; Apr. 2.

Hodges, Arthur J., Washington, D. C. Method of and apparatus for testing the hardness of materials. 2,407,278; Sept. 10.

Hodges, Paul C.: *See*—
Morgan, Russell H., and Hodges.

Hodges, Ralph, Normandy, and J. H. Klasey, assignors to Carter Carburetor Corporation, St. Louis, Mo. Drilling head unit. 2,395,121; Feb. 19.

Hodgkins, Charles H., Fairfield, assignor to The Bryant Electric Company, Bridgeport, Conn. Fluorescent lamp starter. 2,400,353; May 14.

Hodgkins, Charles H., Fairfield, assignor to The Bryant Electric Company, Bridgeport, Conn. Circuit controller. 2,402,404; June 18.

Hodgman Rubber Company, assignee: *See*—
Haas, Joseph L.

Hodgson, Kenneth G., London, W. C. 2, England, assignor to International Standard Electric Corporation, New York, N. Y. Wide band phase shifter. 2,392,476; Jan. 8.

Hodnette, John K., Sharon, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electrical induction apparatus. 2,408,211; Sept. 24.

Hodnette, John K., Sharon, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electrical induction apparatus. 2,408,212; Sept. 24.

Hodshon, Alfred E., Bucks County, assignor to John B. Stetson Company, Philadelphia, Pa. Manufacturing felt hats. 2,404,634; July 23.

Hoishon, Alfred E., Lahaska, and H. H. Tucker, Merion Station, assignors to John B. Stetson Company, Philadelphia, Pa. Carroting of animal fibers. 2,411,725; Nov. 26.
Hoishon, Alfred E., Bucks County, and H. H. Tucker, Montgomery County, assignors to John B. Stetson Company, Philadelphia, Pa. Felt hat body stiffening composition. 2,413,229; Dec. 24.
Hoisson, George F., Oklahoma City, Okla., assignor to Wilson & Company, Chicago, Ill. Egg filter. 2,393,633; Jan. 29.
Hoison, George F., Altus, Okla., and L. L. Campbell, Riverdale, Ill., assignors to Wilson & Company, Inc. Centering device. 2,403,980; July 16.
Hoison, Hollis C., Plainfield, Ind. Diaper container. 2,411,430; Nov. 19.
Hoe, R., & Co., Inc., assignee: *See*—
Albrecht, Alexander J.
Braunworth, Albert.
Eckard, William K.
Huck, William F.
Zuckerman, Adolph M.
Hoeber, Barbara O. W., executor: *See*—
Hoeber, Harold.
Hoeber, Harold, deceased, New Bedford, Mass., B. O. W. Hoeber and W. T. Read, executors, assignors to Textile Research Co. Shuttle propelling mechanism. 2,413,629; Dec. 31.
Hoehn, Harvey H.: *See*—
Howk, Benjamin W., Roland, and Hoehn.
Hoehn, Willard M., Kansas City, Mo., and A. W. Schneider, Kalamazoo, Mich., assignors to George A. Breon & Company, Kansas City, Mo. Hydroxycholanic acids. 2,398,709; Apr. 16.
Hoekstra, Harold D., Rockville, Md. Engine starting mechanism. 2,413,045; Dec. 24.
Hoekstra, John N., Royal Oak, Mich. Alarm system. 2,404,842; July 30.
Hoelzgen, Fred, Saginaw, Mich. Dump car construction. 2,405,696; Aug. 13.
Hoen, Louis Q., Santa Fe, N. Mex. Combination door latch and check. 2,401,301; June 4.
Hoeppel, Raymond W., Arcadia, assignor to National Lead Company, Los Angeles, Calif. Treatment of well drilling fluids. 2,393,165; Jan. 15.
Hoeppel, Raymond W., Arcadia, assignor to National Lead Company, Los Angeles, Calif. Treatment of drilling fluids. 2,393,166; Jan. 15.
Hoern, Joseph H., Birmingham, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Coolant contained valve. 2,394,177; Feb. 5.
Hoern, Joseph H., Birmingham, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Wire finishing apparatus. 2,394,381; Feb. 5.
Hoertz, Norman: *See*—
Newton, John A., and Hoertz.
Hoertz, Norman, Cleveland, Ohio, assignor to Thompson Products, Inc. Seal. 2,397,486; Apr. 2.
Hoesel, Anthony F., Chicago, Ill. Pipe thread gasket. 2,407,552; Sept. 10.
Hoesel, Anthony F., Chicago, Ill. Internal-combustion engine. 2,407,606; Sept. 10.
Hoesel, Anthony F., assignor to Flow Controls, Incorporated, Chicago, Ill. Pipe thread gasket. 2,407,553; Sept. 10.
Hoesel, Anthony F., assignor to Peerless of America Inc., Chicago, Ill. Vapor heating system. 2,412,168; Dec. 3.
Hoesel, Anthony F., assignor to Peerless of America Inc., Chicago, Ill. Airplane cabin heating system. 2,412,334; Dec. 10.
Hoewischer, Frederick W.: *See*—
Woodberry, John H.
Hofbauer, Caspar E., Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Pressure control for hydraulic systems. 2,400,418; May 14.
Hofer, Laurence F., Oswego, Oreg. Rear view mirror. 2,408,168; Sept. 24.
Hofer, Rolf, Kusnacht, Switzerland. Ticket controlling means. 2,400,510; May 21.
Hoff, Wilbur L., Hollywood, and L. I. Shaw, Oak Park, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Testing method. 2,393,684; Jan. 29.
Hoffar, Henry S., West Vancouver, British Columbia, Canada, assignor, by mesne assignments, to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Antifriction screw device. 2,398,789; Apr. 23.
Hoffar, Henry S., Vancouver, British Columbia, Canada, assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Antifriction worm drive. 2,404,378; July 23.
Hoffer, Howard G., Santa Monica, Calif. Apparatus for shaping objects provided with curved surfaces. 2,410,443; Nov. 5.
Hoffer, James F., assignor, by mesne assignments, to Superdraulic Corporation, Detroit, Mich. Reaction ring. 2,393,773; Jan. 29.
Hoffer, James F., Detroit, assignor to Superdraulic Corporation Dearborn, Mich. Level work supporting structure. 2,408,169; Sept. 24.
Hoffer, Max, Montclair, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Hydroxy-pyridine derivatives. 2,400,045; May 7.
Hoffer, Max, assignor to Hoffmann-La Roche, Inc., Roche Park, Nutley, N. J. Pyridine derivatives and the manufacture of same. 2,410,938; Nov. 12.
Hoffer, Max, assignor to Hoffmann-La Roche, Inc., Roche Park, Nutley, N. J. Pyridine derivatives and the manufacture of same. 2,410,939; Nov. 12.
Hoffer, Max, Nutley, N. J., assignor to Hoffmann-La Roche, Inc., Roche Park, Nutley, N. J. Pyridine derivatives and manufacture of same. 2,410,940; Nov. 12.
Hoffer, Max, assignor to Hoffmann-La Roche, Inc., Roche Park, Nutley, N. J. Pyridine derivative and the manufacture of same. 2,410,941; Nov. 12.
Hoffman, Benjamin, Brooklyn, N. Y. Military chess game. 2,400,644; May 21.
Hoffman, Carl, De Kalb, Ill. Refrigerator door opener. 2,405,887; Aug. 13.
Hoffman, Charles M. E., Annapolis, Md. Condenser heated compartment. 2,412,774; Dec. 17.
Hoffman, Frederick C., North Hollywood, assignor to Lockheed Aircraft Corporation, Burbank, Calif. Stretch forming machine. 2,412,731; Dec. 17.
Hoffman, James A.: *See*—
Jacobsson, Wilgot J., Hoffman, and Oldham.
Hoffman, James A., Roselle, N. J., assignor to The Linde Air Products Company. Method of and apparatus for making glass products, such as fibers and rods. 2,405,036; July 30.
Hoffman, James A., Roselle, S. R. Oldham, West Orange, and W. J. Jacobsson, Plainfield, N. J., assignors to The Linde Air Products Company, New York, N. Y. Conduit coupling. 2,412,685; Dec. 17.
Hoffman, Nathan, assignor to Products Development, Inc., Chicago, Ill. Hair waving cap. 2,411,994; Dec. 3.
Hoffman, Otis E., E. W. Quirk, and W. H. Sprenger, assignors to Brandt Automatic Cashier Company, Watertown, Wis. Coin handling machine. 2,406,948; Sept. 3.
Hoffman, Robert M., Waynesboro, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Spinning apparatus and method. 2,398,831; Apr. 23.
Hoffman, Ross B.: *See*—
Labin, Emile, and Hoffman.
Hoffman, Ross B., East Orange, N. J., assignor to Federal Telephone and Radio Corporation. Supporting device for vacuum tubes. 2,391,901; Jan. 1.
Hoffman, Ross B., East Orange, N. J., assignor to Federal Telephone and Radio Corporation. Coupled network. 2,401,353; June 4.
Hoffman, Ross B., East Orange, N. J., assignor to Federal Telephone and Radio Corporation. Antenna switching device. 2,402,625; June 25.
Hoffman, Ross B., East Orange, N. J., assignor to Federal Telephone and Radio Corporation. Vacuum tube connection. 2,412,987; Dec. 24.
Hoffman, Samuel K.: *See*—
Tyler, John M., and Hoffman.
Hoffman Specialty Co., assignee: *See*—
McClain, Clifford H.
Roche, Austin O., Jr.
Hoffman, William A., and C. W. Mortenson, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Modified polymeric polyhydric alcohols. 2,394,776; Feb. 12.
Hoffman, William A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Reaction and products therefrom. 2,396,788; Mar. 19.
Hoffmann-La Roche, Inc., assignee: *See*—
Aeschlimann, John A.
Bergel, Franz, and Cohen, and Haworth.
Bergel, Franz, Hindley, Morrison, and Rinderknecht.
Duschinsky, Robert.
Haas, Gerhard J.
Hoffer, Max.
Karrer, Paul.
Karrer, Paul, and Isler.
Karrer, Walter.
Preiswerk, Ernst.
Schnider, Otto.
Hoffmann, Norma, Bearings Corporation, assignee: *See*—
Smith, Charles H., and Longman.
Hoffmann, Sylvester, executor: *See*—
Burnett, Robert N.
Hoffmann, Ullrich, and H. Meis, Marl, Kreis Recklinghausen, Germany; vested in the Alien Property Custodian. Polymerization products from aromatic carbonyl compounds and aromatic vinyl compounds. 2,404,711; July 23.
Hoffstad, Ole J., Rahway, N. J., assignor of one-half to A. Bruns, Port Chester, N. Y. Rollable type window screen. 2,407,784; Sept. 17.
Hoffström, Bo N., Malmo, assignor to A.-B. Aerotransport, Stockholm, Sweden. Device for supplying starting fuel. 2,402,964; July 2.
Hofheimer, H. Clay, II, assignee: *See*—
Mallard, Logan L.
Hofmann, Alfred, Palisade, D. G. Trutner, North Arlington, and F. M. Wachtler, assignee to Alfred Hofmann, Inc., West New York, N. J. Welt turning attachment. 2,396,263; Mar. 12.
Hofmann, Alfred & Company, assignee: *See*—
Fiorentino, Anthony F.
Hofmann, Alfred, Inc., assignee: *See*—
Hofmann, Alfred, Trutner, and Wachtler.
Wachtler, Friedrich M., and Trutner.

Hofmann, Corris M.: *See*—
Parker, Robert P., and Hofmann.
Hofmann, Victor E., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Apparatus for making hollow thermoplastic ware. 2,401,564; June 4.
Hogaboom, George B., New Britain, Conn. Tumbling barrel. 2,394,450; Feb. 5.
Hogan, Ray E., Ardmore, Okla. Elevating platform apparatus. 2,411,966; Dec. 3.
Hogdal, Herbert, and J. F: Son Holmgren, Stockholm, Sweden. Arrangement in sight apparatus for dropping objects from the air. 2,397,354; Mar. 26.
Hogeland, Abram W.: *See*—
Ebert, David M., and Hogeland.
Hogenmiller, Francis J., Philadelphia, F. L. Boyd, West Chester, and L. W. Boerner, Newton Square, assignors to National Foam System, Inc., Philadelphia, Pa. Fire extinguishing apparatus. 2,405,652; Aug. 13.
Höglund, Thure G., and G. E. Leijon, assignors to Aktiebolaget Superior, Stockholm, Sweden. Soot blower. 2,406,687; Aug. 27.
Hoglund, William P.: *See*—
Sheldrick, Henry W., and Hoglund.
Hohl, Ethel, et al., assignees: *See*—
Hilliker, Frank T.
Hohl, John: *See*—
Shapiro, Benjamin H., Thomas, and Hohl.
Hohl, John, and L. Klatt, Toledo, Ohio, assignors to Owens-Illinois Glass Company, a corporation of Ohio. Cap arranging device. 2,400,419; May 14.
Hohmann, Albert F.: *See*—
Cooper, Benjamin, and Hohmann.
Hohmann, Richard K., Jamaica, N. Y., and E. D. Boisselier, Glen Ellyn, assignors to Sears, Roebuck and Co., Chicago, Ill. Convertible sewing and darning machine. 2,409,758; Oct. 22.
Hohnstine, Jack T.: *See*—
Berliney, Michael, Bowden, and Hohnstine.
Hohwart, Ernest F.: *See*—
Hohwart, George and E. F., and Buckley.
Hohwart, Ernest F., Detroit, assignor to N. A. Woodworth Company, Ferndale, Mich. Comparator. 2,409,280; Oct. 15.
Hohwart, Ernest F., Detroit, and G. Hohwart, Orchard Lake, Mich., assignors to N. A. Woodworth Company, Ferndale, Mich. Ring gauge. 2,413,566; Dec. 31.
Hohwart, George: *See*—
Hohwart, Ernest F. and G.
Hohwart, George, Orchard Lake, E. F. Hohwart, Detroit, and J. B. Buckley, assignors to N. A. Woodworth Company, Ferndale, Mich. Diaphragm chuck. 2,403,599; July 9.
Hohwieler, William U., Morrisville, Pa. Parachute dummy. 2,413,230; Dec. 24.
Holberg, Arnold J., W. C. Ware, and C. C. Wilch, El Dorado, Ark., assignors to Lion Oil Company. Plastic cement. 2,393,774; Jan. 29.
Holsington, David B., Little Neck, N. Y., assignor, by mesne assignments, to Hazeltine Research, Inc., Chicago, Ill. Signal-translating system. 2,410,735; Nov. 5.
Holsington, David B., Little Neck, N. Y., assignor, by mesne assignments, to Hazeltine Research, Inc., Chicago, Ill. Pulse-modulated wave-signal receiver. 2,410,736; Nov. 5.
Hojnowski, Jakob, Nekoosa, Wis. Bomber airplane. 2,395,547; Feb. 26.
Hojnowski, Jakob, Nekoosa, Wis. Heating means for the outer surfaces of airplanes. 2,395,548; Feb. 26.
Hojnowski, Jakob, Nekoosa, Wis. Toy. 2,395,549; Feb. 26.
Hoke, Kenneth D., assignor to Fisher Furnace Company, Chicago, Ill. Rotary furnace. 2,413,231; Dec. 24.
Holaday, Horace A., Highland Park, N. J., assignor to E. R. Squibb & Sons, New York, N. Y. Producing curare preparations suitable for therapeutic use. 2,397,417; Mar. 26.
Holbro, Theodor, Basel, W. Kern, Sissach, and P. Sutter, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Vat dyestuff and making same. 2,408,259; Sept. 24.
Holbrook, Bernard D., Madison, and M. A. Logan, Summit, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Call distributing system. 2,405,214; Aug. 6.
Holbrook, George E.: *See*—
Calcott, William S., Holbrook, and Turnbull.
Holbrook, John K., assignor to Micropat, Inc., New York, N. Y. Microfilm viewer. 2,407,009; Sept. 3.
Holbrook, Newton D., Thomaston, Conn. Tripod golf bag. 2,408,777; Oct. 8.
Holbrook, Robert L., administrator: *See*—
Hicks, James A.
Holbrook, Thomas E.: *See*—
Heath, Robert L., Fisher, and Holbrook.
Holcomb, Harry E.: *See*—
Powell, Edward R., and Holcomb.
Holcomb, Normand P., Warehouse Point, Conn. Spring loading machine. 2,396,700; Mar. 19.
Holdeman, Adin F., and H. M. Unruh, Hesston, Kans. Loading attachment for tractors. 2,397,487; Apr. 2.
Holden, Artemas, assignee: *See*—
Csepely, John A.
Holden, Artemas F., and H. Solakian, New Haven, Conn.; said Solakian assignor to said Holden. Salt bath for heat treatment and rectifier therefor. 2,394,777; Feb. 12.
Holden, Artemas F., New Haven, Conn. Nitriding steel. 2,395,329; Feb. 19.
Holden, Artemas F., New Haven, Conn. Heat-treatment baths. 2,400,511; May 21.
Holden, Crofton C., assignor to Tilton & Cook Co., Leominster, Mass. Hair retainer. 2,393,376; Jan. 22.
Holden, Norman G., Carshalton, assignor to Powers Accounting Machines Limited, London, England. Machine for making records on statistical cards. 2,397,605; Apr. 2.
Holden, Warwick C., and J. C. Naylor, Monkseaton, assignors to Vickers-Armstrongs Limited, London, England. Hydraulic pump of the radial cylinder type. 2,404,175; July 16.
Holden, William H. T., Woodside, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric air position indicator. 2,406,836; Sept. 3.
Holder, Clinton H., Cranford, and A. B. Welty, Jr., Mountainside, N. J., assignors to Standard Oil Development Company. Aromatizing hydrocarbons. 2,392,738; Jan. 8.
Holder, Edward T., Cheltenham, England. Vehicle for children. 2,402,046; June 11.
Holder, Karl, Laurinburg, N. C. Safety razor. 2,405,577; Aug. 13.
Holdsworth, Willie, Seekonk, Mass. Gill bar or fallet for gill-drawing machines. 2,409,565; Oct. 15.
Holdsworth, Willie, Seekonk, Mass. Machine for producing staple fibers from slivers composed of continuous fibers. 2,409,566; Oct. 15.
Holifield, A. J., assignee: *See*—
Brown, Aldrich M.
Holin, William F., North Riverside, Ill., assignor to General Motors Corporation, Detroit, Mich. Brake rigging. 2,394,362; Feb. 5.
Holland, Carl M., Chicago, Ill. Timed reading device. 2,398,226; Apr. 9.
Holland, Carl W., Seattle, Wash. Dredging device. 2,411,685; Nov. 26.
Holland, Leonard W.: *See*—
Trotter, John C., Holland, and Schultz.
Holland, William D., C. W. Berry, and W. O. McClintock, Henderson, Nev., assignors, by mesne assignments, to Reconstruction Finance Corporation. Handling molten magnesium. 2,399,634; May 7.
Hollar, John V., assignor to The La Resista Corset Company, Bridgeport, Conn. Foundation garment. 2,400,823; May 21.
Hollenbeck, Ernest L., Glendale, Calif. Comb. 2,408,142; Sept. 24.
Hollenkamp, Theodore J., Detroit, Mich. Track for track-laying vehicles. 2,392,383; Jan. 8.
Hollenkamp, Theodore J., Detroit, Mich. Extended end connection. 2,409,207; Oct. 15.
Holleran, Dominic J., Irvington, and J. J. Cerny, Berwyn, Ill., assignors to The National Lock Washer Company, Newark, N. J. Continuous furnace. 2,391,970; Jan. 1.
Hollerith, Charles, assignor to Hayes Industries, Inc., Jackson, Mich. Brake system. 2,399,868; May 7.
Hollerith, Charles, Jackson, Mich., assignor, by mesne assignments, to The B. F. Goodrich Company, Akron, Ohio. Reinforcing expander tube construction. 2,404,801; July 30.
Hollerith, Charles, Jackson, Mich., assignor, by mesne assignments, to The B. F. Goodrich Company, Akron, Ohio. Wheel. 2,405,954; Aug. 20.
Hollerith, Charles, Jackson, Mich., assignor, by mesne assignments, to The B. F. Goodrich Company, Akron, Ohio. Wheel structure. 2,407,423; Sept. 10.
Hollerith, Charles, Jackson, Mich., assignor, by mesne assignments, to The B. F. Goodrich Company, Akron, Ohio. Brake block guard. 2,410,029; Oct. 29.
Hollerith, Charles, Jackson, Mich., assignor, by mesne assignments, to The B. F. Goodrich Company, Akron, Ohio. Brake structure. 2,411,920; Dec. 3.
Holley, Earl, assignee, et al.: *See*—
Campbell, John F.
Gardner, Dale.
Holley, George M., Jr.
Olson, Elmer.
Olson, Elmer, and Kittler.
Schorn, Carl F.
Udale, Stanley M.
Udale, Stanley M., and Beard.
Udale, Stanley M., and Buick.
Holley, George M., assignee: *See*—
Udale, Stanley M., and Beard.
Holley, George M., assignee, et al.: *See*—
Campbell, John F.
Gardner, Dale.
Schorn, Carl F.
Udale, Stanley M.
Udale, Stanley M., and Buick.
Holley, George M., et al., assignee: *See*—
Holley, George M., Jr.
Holley, George M., Jr., Grosse Pointe, Mich., assignor to G. M. and E. Holley. Fuel control valve. 2,405,888; Aug. 13.

Holley, George M., Jr., Grosse Pointe, Mich., assignor to G. M. Holley and E. Holley. Power control. 2,407,078; Sept. 3.

Hollingsworth, Frank W., Jr., assignor to Walker Manufacturing Company, Inc., Philadelphia, Pa. Hook for double heddle bars. 2,394,178; Feb. 5.

Hollingsworth, Frank W., Jr., assignor to Walker Manufacturing Company, Inc., Philadelphia, Pa. Hook for double-heddle bars. 2,397,788; Apr. 2.

Hollingsworth, Guilford L., Schenectady, and R. C. Jensen, Scotia, N. Y., assignors to General Electric Company. Radio communication system. 2,413,182; Dec. 24.

Hollingsworth, R. Lee, Riverhead, N. Y., assignor to Radio Corporation of America. Gain control circuit for radiotelegraph. 2,404,712; July 23.

Hollingsworth, R. Lee, Riverhead, N. Y., assignor to Radio Corporation, of America. Electron capacity and electron capacity modulator. 2,407,424; Sept. 10.

Hollman, Edward G., Joplin, Mo., assignor to The Eagle-Picher Company, Cincinnati, Ohio. Lead alloy. 2,394,451; Feb. 5.

Hollós, Zsigmond, New York, N. Y. Coupling and drive mechanism for vehicles. 2,391,971; Jan. 1.

Holloway, Hamilton R., assignor of one-half to J. A. Bjorback, Duluth, Minn. Seed planter. 2,394,778; Feb. 12.

Hollup Corporation, assignee: *See*—
Palmer, Walter E.

Holly, Harry H., assignor to Holly Molding Devices, Chicago, Ill. Hamburger patty maker. 2,413,046; Dec. 24.

Holly Molding Devices, assignee: *See*—
Holly, Harry H.

Holm, Carl B., Roslags-Nasby, Sweden. Device for supplying a predetermined amount of liquid. 2,402,329; June 18.

Holm, Carl H., Marion, Ky., assignor of twelve and one-half per cent to C. W. Lothrop, Riverside, Calif., ten per cent to W. B. Pierce, Coral Gables, Fla., twelve and one-half per cent to N. Pierce, Chicago, Ill., sixty-five per cent to himself. Torpedo counter mining device. 2,404,440; July 23.

Holm-Hansen, Osmund, Fairfield, Conn., assignor of two-thirds to J. N. Ledbetter, Jr., New York, N. Y. Roofing construction. 2,412,401; Dec. 10.

Holm, Herbert K.: *See*—
Petry, Theodor A., and Holm.

Holm, Luther E., Kenosha, Wis., assignor to Holm's Manufacturing Company. Adjustable seat base. 2,392,477; Jan. 8.

Holm, Sven: *See*—
Cooper, Roland S., and Holm.

Holman, Arthur J., Brighton, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Hemispherical generator. 2,392,478; Jan. 8.

Holman, Arthur J., Brighton, N. Y. Precision cylindrical surface generating device. 2,398,790; Apr. 23.

Holman, Arthur J., East Orange, N. J. Objective for projection, photography, television, and for telescope. 2,410,069; Oct. 29.

Holman, Charles A., Seattle, Wash. Engine. 2,392,921; Jan. 15.

Holman, Emmette R., Pasadena, assignor to Turco Products, Inc., Los Angeles, Calif. Bubble blowing device. 2,412,732; Dec. 17.

Holman, Gustave: *See*—
Holman, William and G.

Holman, Lloyd C., Burnaby, British Columbia, Canada. Automatic gravity safety switch. 2,399,350; Apr. 30.

Holman, William and G., Sheboygan, Wis. Battery tray. 2,402,141; June 18.

Holman, William and G., Sheboygan, Wis. Frame corner structure. 2,408,852; Oct. 8.

Holman, William R., Vallejo, assignor to The Permanente Metals Corporation, Oakland, Calif. Optical thickness gauge. 2,410,942; Nov. 12.

Holmes, Dan Campbell, New York, N. Y. Flexible joint. 2,407,155; Sept. 3.

Holmes, Eric L., London, England, assignor to The Permutit Company, New York, N. Y. Sulphited cation exchangers. 2,393,249; Jan. 22.

Holmes, Ernest, Company, assignee: *See*—
Holmes, Ernest W.

Holmes, Ernest W., Chattanooga, Tenn., S. B. Strang, administrator of said E. M. Holmes, deceased, assignor to Ernest Holmes Company, Chattanooga, Tenn. Hoisting apparatus. 2,405,578; Aug. 13.

Holmes, Frederick J., Detroit, Mich. Internal-combustion engine. 2,403,282; July 2.

Holmes, Frederick M. E.: *See*—
MacNeille, Stephen M., and Holmes.

Holmes, Frederick M. E., and J. Mihalyi, assignors to Eastman Kodak Company, Rochester, N. Y. Range finder. 2,401,686; June 4.

Holmes, Jifford I., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Summer-winter control instrument. 2,403,798; July 9.

Holmes, Henry H.: *See*—
Wildt, Edwin, Holmes, and Hurd.

Holmes, Henry H., assignor to Wildt and Company Limited, Leicester, England, a British company. Circular knitting machine. 2,396,656; Mar. 19.

Holmes, Henry H., and A. P. Saunders, Leicester, England, assignors to Wildt and Company Limited. Circular knitting machine. 2,412,267; Dec. 10.

Holmes, Herbert G., Lansing, Mich., assignor to Food Machinery Corporation, San Jose, Calif. Headlight tester. 2,411,879; Dec. 3.

Holmes, John E., Auburndale, Mass. Fluorescent lighting unit. 2,406,145; Aug. 20.

Holmes, John E., Auburndale, Mass. Fluorescent lighting unit. 2,406,146; Aug. 20.

Holmes, Lawrence, Jr., Los Angeles, Calif. Aerial projectile. 2,412,151; Dec. 3.

Holmes, Lowell L., Scotia, N. Y., assignor to General Electric Company. Cabinet for electrical apparatus. 2,394,060; Feb. 5.

Holmes, Lynn C.: *See*—
Latchford, William B., and Holmes.

Holmes, Paul J., assignor of one-half to R. R. Stoddard, Los Angeles, Calif. Radio navigation system. 2,401,585; June 4.

Holmes, Ralph S.: *See*—
Tolson, William A., and Holmes.
Wolff, Irving, and Holmes.

Holmes, Ralph S., Haddonfield, and J. P. Smith, Erlton, N. J., assignors to Radio Corporation of America. Receiver for pulse position indicating systems. 2,403,600; July 9.

Holmes, Roger B.: *See*—
Hill, Arthur J., and Holmes.

Holmes, Roger B., South River, N. J., and A. J. Hill, New Haven, Conn., assignors to American Cyanamid Company, New York, N. Y. Dialkylaminopropanol esters of benzilic acid. 2,399,736; May 7.

Holmgren, Eric A., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Prewelt cementing and forming machine. 2,392,849; Jan. 15.

Holmgren, Eric A., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Upper shaping machine. 2,395,480; Feb. 26.

Holmgren, Eric A., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine for use in the manufacture of prewelt shoes. 2,406,462; Aug. 27.

Holmgren, Jarl F: Son: *See*—
Hogdal, Herbert, and Holmgren.

Holmquist, Carl W., assignor to Copperweld Steel Company, Elizabeth, Pa. Making bimetallic ingots. 2,398,529; Apr. 16.

Holmqvist, Seth A., Goteborg, assignor to Telefonaktiebolaget L. M. Ericsson, Stockholm, Sweden. Device for measuring alternating currents. 2,393,776; Jan. 29.

Holm's Manufacturing Company, assignee: *See*—
Holm, Luther E.

Holmstrom, John G., and W. M. Brown, assignors to Kenworth Motor Truck Corporation, Seattle, Wash. Torsion-rod springing of tandem-axle vehicle. 2,395,183; Feb. 19.

Holophane Company, Inc., assignee: *See*—
Franck, Kurt.
Rolph, Thomas W.
Tuck, Davis H., Franck, and Quack.

Holowenko, Alfred R., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Torsional vibration absorber. 2,411,373; Nov. 19.

Holroyd, Ronald, and D. H. P. Peel, Norton-on-Tees, England, assignors to Imperial Chemical Industries Limited. Production of aromatic hydrocarbons. 2,411,726; Nov. 26.

Holschuh, Carl G., Woodridge, N. J., and O. A. Vielehr, New York, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Computing aircraft gun sight. 2,396,701; Mar. 19.

Holschuh, Carl G., Huntington, and D. Fram, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Sighting device. 2,399,676; May 7.

Holschuh, Carl G., Wood-ridge, N. J., and D. Fram, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Aircraft fire control computer. 2,407,665; Sept. 17.

Holsclaw, Neil, Los Angeles, Calif., assignor of one-half to F. E. Sudlow, Rock Island, Ill. Tonsorial device. 2,409,281; Oct. 15.

Holst, Paul F. G., and L. R. Kirkwood, Oaklyn, N. J., assignors to Radio Corporation of America. Signaling system. 2,409,208; Oct. 15.

Holst, Paul F. G., and L. R. Kirkwood, Oaklyn, assignors to Radio Corporation of America. Frequency counter circuit. 2,411,573; Nov. 26.

Holt, Benjamin M.: *See*—
Reed, Homer C., and Holt.

Holt, Francis A.: *See*—
Crouse, George B., and Holt.
Crouse, George B., Holt, and Jatlow.

Holt, Harold S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Metal protective coatings. 2,402,551; June 25.

Holt, Laurence C.: *See*—
Howorth, Harmon, and Holt.

Holt, Philetus H., II: *See*—
Meinert, Richard N., and Holt.

Holt, Pliny G., U. S. Navy. Automatic pilot for aircraft. 2,401,354; June 4.

Holt, Pliny G., U. S. Navy. Differential rudder lever control. 2,406,374; Aug. 27.

Holt, Ray G., Euclid, assignor to Pesco Products Co., Cleveland, Ohio. Pressure switch. 2,405,142; Aug. 6.

Holt, Raymond B.: *See*—
Barnes, Lewis C., and Holt.

Holt, Samuel K.: *See*—
Arndt, Donald G., and Holt.

Holt, Sherman H., Tulsa, Okla. Pump plunger. 2,408,979; Oct. 8.

Holt, Wendell R., U. S. Navy. Educational device. 2,402,162; June 18.

Holter, Harold: *See*—
Erwood, Joseph, and Holter.

Holtham, Gerald J., U. S. Navy. Smoke screen generator. 2,401,761; June 11.

Holthouse, Harry B., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Heating system. 2,393,167; Jan. 15.

Holthouse, Harry B., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Portable heater. 2,398,657; Mar. 19.

Holthouse, Harry B., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Heating apparatus. 2,400,116; May 14.

Holthouse, Harry B., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Heating apparatus. 2,400,117; May 14.

Holthouse, Harry B., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Heating system. 2,405,143; Aug. 6.

Holthouse, Harry B., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Heating system. 2,405,144; Aug. 6.

Holthouse, Harry B., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Heating system. 2,405,145; Aug. 6.

Holthouse, Harry B., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Heater. 2,405,427; Aug. 6.

Holthouse, Harry B., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Control means for liquid supply systems. 2,406,604; Aug. 27.

Holthouse, Harry B., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Unit heater. 2,412,088; Dec. 3.

Holthouse, Harry B., Jr., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Liquid fuel preparing apparatus. 2,411,040; Nov. 12.

Holtje, John F., New York, N. Y. Glass fragmentation control. 2,397,141; Mar. 26.

Holton, George E., C. E. Heglund, and J. V. Manson, assignors to Hinckley-Myers Division of Kent-Moore Organization, Inc., Jackson, Mich. Tensiometer. 2,403,799; July 9.

Holtz, Robert F., Merchantville, N. J., assignor to Radio Corporation of America. Protection for electron tubes. 2,407,880; Sept. 17.

Holtzman, Abraham, New York, N. Y. Album picture holder. 2,403,530; July 9.

Holtzman, John, New York, N. Y., assignor of one-half to I. F. Goodfriend, New York, N. Y. Lighter. 2,395,783; Feb. 26.

Holy, Mitchel E., Philadelphia, Pa., assignor to Container Corporation of America, Chicago, Ill. Bottle carrier. 2,401,158; May 28.

Holzhauer, Carl J. F.: *See*—
Nord, Evan W., and Holzhauer.

Holzwarth Gas Turbine Co., assignee: *See*—
Holzwarth, Hans T.

Holzwarth, Hans T., Woodmere, N. Y., assignor to Holzwarth Gas Turbine Co., San Francisco, Calif. Gas purifying apparatus. 2,413,324; Dec. 31.

Holzworth, Lauriene T., assignee, et al.: *See*—
Du Bois, Joseph E.

Homan, Clarence N., Minneapolis, Minn. Window construction. 2,411,727; Nov. 26.

Homan, Theodore J.: *See*—
Huddleson, Walter D., and Homan.

Home Curtain Corporation, assignee: *See*—
Lepow, Edward.
Temko, Richard S., and Katz.

Homer, Jacob: *See*—
Fleisher, Harry, and Homer.

Homer, John W.: *See*—
Kindig, Arnie J., and Homer.

Homer Laughlin China Company, The, assignee: *See*—
Emerson, Walter H.

Homeyer, August H.: *See*—
Wallingford, Vernon H., and Homeyer.

Homeyer, August H., assignor to Mallinckrodt Chemical Works, St. Louis, Mo. 2-oxazolidone compounds and preparing the same. 2,399,118; Apr. 23.

Homrighous, John H., Oak Park, Ill. Self-synchronizing television system. 2,398,641; Apr. 16.

Homrighous, John H., Oak Park, Ill. Method and system for television communication. 2,398,642; Apr. 16.

Homrighous, John H., Oak Park, Ill. Multifilament lamp. 2,405,789; Aug. 13.

Homrighous, John H., Oak Park, Ill. Facsimile communication system. 2,409,488; Oct. 15.

Honegger, Willy, Zurich, Switzzerland. Weighing apparatus. 2,395,784; Feb. 26.

Honerkamp, Friedrich, assignor to Anemostat Corporation of America, New York, N. Y. Air outlet device for ventilating apparatus. 2,398,938; Apr. 23.

Hönger, Guido, Geneva, Switzerland. Fuse for automatic destruction of shells. 2,405,653; Aug. 13.

Hongo, Arnie J., McNeal, Ariz. Cigarette maker. 2,409,935; Oct. 22.

Honig, P., trustee: *See*—
Braak, Hendrik R.

Honiss, William T., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Apparatus for and method of spraying glass machinery. 2,412,268; Dec. 10.

Honold, Ernst: *See*—
Zerweck, Werner, and Honold.

Honorary Advisory Council for Scientific and Industrial Research, The, assignee: *See*—
Gallay, Wilfred, and Graham.
Niven, Charles D.

Hood, Andrew Llanwrda, Wales. Concrete piling wall unit. 2,400,694; May 21.

Hood, Edwin E., Elmira, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine starter gearing. 2,394,690; Feb. 12.

Hood, Edwin E., Elmira, assignor to Bendix Aviation Corporation, Elmira Heights, N. Y. Coaster brake. 2,410,785; Nov. 5.

Hood, Frank E. and J. E., Long Beach, Calif. Power saw for cutting plaster casts. 2,399,677; May 7.

Hood, Harrison P., assignor to Corning Glass Works, Corning, N. Y. Glass having low power factor. 2,410,286; Oct. 29.

Hood, James E.: *See*—
Hood, Frank E. and J. E.

Hood, Reuben H., Durango, Colo. Grinding implement for articles of hard material. 2,397,006; Mar. 19.

Hood, Robert L., Stamford, and J. W. Berry, Greenwich, Conn., assignors to American Cyanamid Company, New York, N. Y. Photoelectric turbidimeter. 2,411,092; Nov. 12.

Hood, Stanley R.: *See*—
Alban, Clarence F., and Hood.

Hooe, Hunter E.: *See*—
Mehan, Thomas O., and Hooe.

Hooe, John M.: *See*—
Volgenau, Robert H., and Hooe.

Hoof Products Company, assignee: *See*—
Sprague, Robert B.

Hook, Edwin O.: *See*—
Cook, Elmer W., and Hook.

Hooker Electrochemical Company, assignee: *See*—
Beanblossom, Joy E., and Kimball.
Osborne, Sidney G., and Mitchell.
Spence, Harry R., and Hooker.
Stuart, Kenneth E.

Hooker, George W., L. R. Drake, and S. C. Stowe, assignors to The Dow Chemical Company, Midland, Mich. Reaction of sulphur dioxide with diolefines and separation of latter from hydrocarbon mixtures. 2,395,050; Feb. 19.

Hooker, George W., L. R. Drake, and S. C. Stowe, Midland. Mich., assignors to The Dow Chemical Company. Preparation of diolefine sulphones. 2,402,891; June 25.

Hooker, Horace W.: *See*—
Spence, Harry R., and Hooker.

Hooley, Joseph G., assignor to Corning Glass Works, Corning, N. Y. Fluorescent glass and lamp made therefrom. 2,393,469; Jan. 22.

Hooley, Joseph G., assignor to Corning Glass Works, Corning, N. Y. Ultra-violet transmitting glass. 2,398,530; Apr. 16.

Hooley, Joseph G., assignor to Corning Glass Works, Corning, N. Y. Fluorescent glass composition. 2,400,147; May 14.

Hooper, F. X., Company, Inc., assignee: *See*—
Fitchett, Thomas S., Greenwood, and Shackelford.

Hooper, Lester B., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Press. 2,401,302; June 4.

Hooper, Roy S., assignee: *See*—
McDougall, Stanley W.

Hooser, Donald B.: *See*—
Taylor, Raymond G., Jr., and Hooser.

Hooser, Donald B., assignor to The Gulberson Corporation, Dallas, Tex. Well tool. 2,392,244; Jan. 1.

Hoover Company, The, assignee: *See*—
Acheson, Louis K.
Babcock, Earl.
Beach, Justice H.
Bible, Walter E.
Brace, George A.
Coons, Curtis C.
Gross, Alfred G.
Kitto, William H.
Penn, Carl O.
Sledle, Arnold D.
Sloan, Homer H.
Smellie, Donald G.
Sutton, Otis B.
Swann, Edward R.
Troxler, Charles G.
White, Harry B.

Hoover, Edward M., Anderson, Ind. Reciprocating tool. 2,407,785; Sept. 17.
Hoover, Edwin E.: *See*—
Hoover, Frank M. and E. E.
Hoover, Frank M. and E. E., assignors to Hoover Products, Inc., Youngstown, Ohio. Roly-poly device. 2,403,531; July 9.
Hoover, George R., and N. E. Hays, assignors to The American Rolling Mill Company, Middletown, Ohio. Preparation of galvanized sheets to receive resinous coatings. 2,407,891; Sept. 17.
Hoover, Herbert, Jr., Sierra Madre, assignor, by mesne assignments, to United Geophysical Company, Pasadena, Calif. Seismic exploration system. 2,395,481; Feb. 26.
Hoover, Herbert, Jr., Sierra Madre, assignor to Consolidated Engineering Corporation, Pasadena, Calif. Range finder. 2,400,552; May 21.
Hoover Limited, assignee: *See*—
Wilson, Cecil B., and White.
Hoover Products, Inc., assignee: *See*—
Hoover, Frank M. and E. E.
Hoover, Ray: *See*—
Anderson, James N., and Hoover.
Hoover, Richard D.: *See*—
Graham, William R., Jr., Kohler, and Hoover.
Hoover, Robert R., assignee: *See*—
Berlin, Nelson M.
Hoover, Samuel R., Philadelphia, Pa., P. J. Allen, Robles del Rio, Calif., and J. Naghski, Philadelphia, Pa. assignors to United States of America as represented by the Secretary of Agriculture. Guayule rubber by fermentation. 2,408,853; Oct. 8.
Hoover, Vaino A., assignor to Electrical Engineering and Manufacturing Corporation, Los Angeles, Calif. Stop means for rotating shafts. 2,397,861; Apr. 2.
Hoover, Vaino A., assignor to Electrical Engineering and Manufacturing Corporation, Los Angeles, Calif. Sealing driving motors of submersible pumps. 2,404,635; July 23.
Hoover, Vaino A., assignor to Electrical Engineering and Manufacturing Corporation, Los Angeles, Calif. Stator for electric machines. 2,408,854; Oct. 8.
Hoover, Vaino A., assignor to Electrical Engineering and Manufacturing Corporation, Los Angeles, Calif. Cooling of driving motors of submersible pumps. 2,410,973; Nov. 12.
Hoover, Walter S., Montreal, Quebec, Canada. Hydraulic compensating propeller. 2,403,532; July 9.
Hoover, Walter S., Montreal, Quebec, Canada. Variable diameter and variable pitch propeller. 2,404,290; July 16.
Hoover, Walter S., West Hartford, Conn. Blade phase and constant speed synchronizer for multiple motor aircraft. 2,410,659; Nov. 5.
Hope, Lawrence F., Grosse Pointe Farms, assignor to General Motors Corporation, Detroit, Mich. Torsiograph. 2,399,635; May 7.
Hopkins, Arthur G., Maspeth, Long Island, N. Y. Tin depositing process. 2,408,515; Oct. 1.
Hopkins, David W., Philadelphia, Pa. Lubricated shut-off butterfly valve. 2,392,922; Jan. 15.
Hopkins, Frank H., Fairfield, Conn., assignor to Manning, Maxwell & Moore, Inc., New York, N. Y. Method and means for relieving fluid pressure. 2,396,574; Mar. 12.
Hopkins, Frank H., Fairfield, Conn., assignor to Manning, Maxwell & Moore, Incorporated, New York, N. Y. Pressure actuated control device. 2,399,737; May 7.
Hopkins, Nevil M., deceased, New York, N. Y.: R. B. Hopkins, executor, assignor, by mesne assignments, to R. B. Hopkins, S. Lloyd, and M. T. Quigg, trustees. Explosive device. 2,402,552; June 25.
Hopkins, Nevil M., deceased: R. B. Hopkins, executor, assignor to R. B. Hopkins, New York, N. Y. Rendering a bomb inactive. 2,404,441; July 23.
Hopkins, Nevil M., deceased, New York, N. Y.; R. B. Hopkins, executor, assignor, by mesne assignments, to R. B. Hopkins, S. Lloyd, and M. T. Quigg, as trustees. Torpedo. 2,404,908; July 30.
Hopkins, Nevil M., deceased, New York, N. Y.; R. B. Hopkins, executor, assignor, by mesne assignments, to R. B. Hopkins, S. Lloyd, and M. T. Quigg, as trustees. Dual-purpose aerial bomb. 2,409,282; Oct. 15.
Hopkins, Nevil M., deceased, New York, N. Y.; R. B. Hopkins, executrix, assignor, by mesne assignments, to R. B. Hopkins, S. Lloyd, and M. T. Quigg, as trustees. Nonleak liquid explosive filler system for ammunition. 2,409,858; Oct. 22.
Hopkins, Raymonde B., assignee et al.: *See*—
Hopkins, Nevil M.
Hopkins, Raymonde B., executor: *See*—
Hopkins, Nevil M.
Hopkins, Raymonde B., executrix: *See*—
Hopkins, Nevil M.
Hopkins, Raymonde B., trustee, assignee: *See*—
Hopkins, Nevil M.
Hopkins, Raymonde B., trustee, assignee, et al.: *See*—
Hopkins, Nevil M.
Hopkins, Robert K., assignor to The M. W. Kellogg Company, New York, N. Y. Processing clad material. 2,394,383; Feb. 5.
Hopkins, Robert K., assignor to The M. W. Kellogg Company, New York, N. Y. Method and apparatus for casting metal. 2,397,789; Apr. 2.
Hopkins, Robert K., assignor to The M. W. Kellogg Company, New York, N. Y. Mold core. 2,405,254; Aug. 6.
Hopkins, Robert K., assignor to The M. W. Kellogg Company, New York, N. Y. Apparatus for producing metal. 2,406,147; Aug. 20.
Hopping, Ernest L., Brookline, Pa. Hopper construction. 2,409,567; Oct. 15.
Hoppmann, William II., Jr., Valley Stream, and D. T. Theodore, Elmhurst, Long Island, N. Y. Adjustable ventilation terminal. 2,400,880; May 28.
Hopps, Bernard, and C. J. Smithells, assignors to Lodge Plugs Limited, Rugby, England. Sparking plug. 2,408,642; Oct. 1.
Hopwood, John M., assignee: *See*—
Anderson, George R.
Donaldson, Robert R.
Hor, Quan, Boston, Mass. Nose pump. 2,412,269; Dec. 10.
Horak, Stanley R., Racine, Wis., and R. V. Tyrrell, Los Angeles, Calif. Combat parachute. 2,393,634; Jan. 29.
Horan, Joseph H., Bronx, N. Y. Agitator for liquid cooling systems. 2,410,162; Oct. 29.
Horeczy, Joseph T.: *See*—
Wadley, Edward F., and Horeczy.
Horeczy, Joseph T., and E. F. Wadley, Baytown, Tex., assignors to Standard Oil Development Company. Segregation of olefins. 2,392,739; Jan. 8.
Horeczy, Joseph T., and E. F. Wadley, Baytown, Tex., assignors to Standard Oil Development Company. Separation of olefins. 2,392,740; Jan. 8.
Horgan, George D., Harrow, assignor to H. Gamble, London, England. Packeting machine for cigarette booklets or like articles. 2,402,047; June 11.
Horlacher, Albert F., Genoa, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Sound translating device. 2,404,877; July 30.
Horlick, John: *See*—
Richardson, George, and Horlick.
Horman, John H., Tuckahoe, assignor, by mesne assignments, to Allied Control Company, Inc., New York, N. Y. Electromagnetic relay. 2,393,535; Jan. 22.
Horman, John H., Tuckahoe, assignor, by mesne assignments, to Allied Control Company, Inc., New York, N. Y. Relay. 2,412,580; Dec. 17.
Horn, Charles L., assignee: *See*—
Reed, Cortes F.
Horn, Clyde H., Saint Simon Island, Ga. Salt and sugar oven. 2,398,939; Apr. 23.
Horn, Franklin S., assignee, et al.: *See*—
Bell, Arthur R.
Horn, Norbert W.: *See*—
Compton, James A., and Horn.
Horn, Walter J., assignee, et al.: *See*—
Bell, Arthur R.
Hornbarger, Earl H.: *See*—
Schaelchlin, Walter, and Hornbarger.
Hornberger, Carl S., Glen Ellyn, Ill., assignor to Central Scientific Company. Timing device. 2,402,965; July 2.
Hornberger, Eugene A., North Bergen, N. J. Home spinach washer. 2,399,926; May 7.
Hornbostel, Lloyd, assignor to Beloit Iron Works, Beloit, Wis. Reel. 2,392,148; Jan. 1.
Hornbostel, Lloyd, assignor to Beloit Iron Works, Beloit, Wis. Paper machine sectional drive. 2,392,149; Jan. 1.
Hornbostel, Lloyd, assignor to Beloit Iron Works, Beloit, Wis. Steam joint. 2,402,224; June 18.
Hornbostel, Lloyd, assignor to Beloit Iron Works, Beloit, Wis. Drier drum. 2,412,733; Dec. 17.
Hornbostel, Lloyd, assignor to Beloit Iron Works, Beloit, Wis. Drier drum having heat-exchange-fluid supply and removal means. 2,413,567; Dec. 31.
Hornbostel, Lloyd and E. D. Beachler, assignors to Beloit Iron Works, Beloit, Wis. Suction roll helper drive. 2,392,150; Jan. 1.
Horne, Frederick E., Jr., Glendale, Calif. Burning tool. 2,394,612; Feb. 12.
Horne, John T., Layton, Utah. Trailer brake. 2,407,156; Sept. 3.
Horne, William A., Atlanta, Ga. Filing drawer. 2,393,536; Jan. 22.
Horneman, Herman C., R. V. Hussong, and S. N. Quam, Danville, Ill., and B. W. Hammer, Ames, Iowa, assignors, by mesne assignments, to Cherry-Burrell Corporation, Chicago, Ill. Buttermaking means. 2,395,051; Feb. 19.
Horner, Reginald G.: *See*—
Harrison, Geoffrey B., Hercock, and Horner.
Hornfeck, Anthony J.: *See*—
Ryder, John D., and Hornfeck.
Hornfeck, Anthony J., Cleveland Heights, Ohio, assignor to Bailey Meter Company. Measuring system. 2,406,221; Aug. 20.
Horni, Paul P., Newark, N. J. Vehicle mounted fruit picker. 2,410,030; Oct. 29.
Horning, Francis and H., Galion, Ohio. Material handling attachment for tractors. 2,407,425; Sept. 10.
Horning, Howard: *See*—
Horning, Francis and H.
Hornkem Corporation, assignee: *See*—
Daniel, Frederick K., and Hutchings.

Horman, John H., Tuckahoe, assignor, by mesne assignments, to Allied Control Company, Inc., New York, N. Y. Electromagnetic relay. 2,407,744; Sept. 17.
Horr, John V., North Tarrytown, assignor to Einson-Freeman Co., Inc., Long Island City, N. Y. Cardboard camouflage structure. 2,393,776; Jan. 29.
Horr, John V., North Tarrytown, assignor to Einson-Freeman Co., Inc., Long Island City, N. Y. Display device. 2,395,122; Feb. 19.
Horsfall, John L., assignor to American Cyanamid Company, New York, N. Y. 2-ethylhexyl fluoroacetate. 2,409,859; Oct. 22.
Horsfall, Robert B., Jr., assignee: *See*—
Boughton, Olin W., Horsfall, and Perkins.
Horsfield, Basil, Florence, Ala., assignor to Orefraction Incorporated, Pittsburgh, Pa. Electrostatic separation of material particles. 2,392,044; Jan. 1.
Horsley, George F., Norton-on-Tees, England, assignor to Imperial Chemical Industries Limited. Activating catalysts. 2,408,396; Oct. 1.
Horsley, Lee H.: *See*—
Nutting, Howard S., and Horsley.
Horst, Roy A.: *See*—
Quinn, John, and Horst.
Horstkotte, Edward H., Erie, Pa., assignor to General Electric Company. Condition control system. 2,394,061; Feb. 5.
Horstman, Clifford C.: *See*—
Elsey, Howard M., and Horstman.
Horstman, Clifford C., Sharpsville, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Magnetic core structure for three-phase transformers. 2,411,374; Nov. 19.
Horstman, Clifford C., and J. H. Bramble, Sharpsville, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Transformer core. 2,400,994; May 28.
Horstmann, Bevan G., Bath, assignor to The Sperry Gyroscope Company, Limited, Brentford, England. Dual control system. 2,394,384; Feb. 5.
Horstmann, Bevan G., Bath, assignor to The Sperry Gyroscope Company Limited, Brentford, Middlesex, England. Combined manual and automatic control means for aircraft. 2,396,951; Mar. 19.
Horton, Aaron W., Thorofare, and J. Kellett, III, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Producing olefinic hydrocarbons. 2,406,688; Aug. 27.
Horton, Aaron W., Detroit, Mich., assignor to Socony-Vacuum Oil Company, Incorporated. Catalytic alkylation process. 2,410,070; Oct. 29.
Horton, Aaron W., Detroit, Mich., and J. W. Brooks, Wenonah, and A. A. O'Kelly, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Catalytic alkylation process. 2,410,071; Oct. 29.
Horton, Aaron W., Detroit, Mich., and J. W. Brooks, Wenonah, and A. A. O'Kelly, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Alkylation of isobutane with propylene. 2,410,072; Oct. 29.
Horton, Arthur W., Jr.: *See*—
Babcock, Stuart M., Horton, and Logan.
Horton & Converse, assignee: *See*—
Long, Wendal D.
Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner. 2,392,670; Jan. 8.
Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Gauge. 2,401,566; June 4.
Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Marking machine. 2,408,516; Oct. 1.
Horton, Karl R., Portland, Oreg. Venetian blind. 2,405,255; Aug. 6.
Horton, Lucien B., Independence, and F. C. Speed, Kansas City, Mo., assignors to Remington Arms Company, Inc., Bridgeport, Conn. Gauging and assorting apparatus. 2,409,682; Oct. 22.
Horton Manufacturing Company, assignee: *See*—
Bradley, William H.
Horton, Stephen V., Lake Forest, Ill., assignor to S. V. H. Corporation. Hair remover. 2,413,325; Dec. 31.
Horvat, Kalman, New York, N. Y. Jaw gauge for dental treatment. 2,403,366; July 2.
Horvitt, John D., Roxbury, assignor to Spencer Shoe Corporation, Boston, Mass. Welted shoe. 2,397,316; Mar. 26.
Horvitz, Leo, Houston, Tex. Geochemical prospecting. 2,400,420; May 14.
Hosbein, Louis H., Glencoe, assignor to M. H. Detrick Company, Chicago, Ill. Furnace wall. 2,413,183; Dec. 24.
Hosiery Patents Inc., assignee: *See*—
Weisbecker, Frank G. and J.
Hosking, Oakley W., Monroe, N. Y., assignor to Composite Rubber Products Corporation, Bridgeport, Conn. Direct bonding of rubber to metal. 2,409,759; Oct. 22.
Hosking, Richard T., Wilmette, Ill. Lock nut. 2,391,902; Jan. 1.
Hosman, David F., Omaha, Nebr. Combination cooker and ricer. 2,406,769; Sept. 3.
Hosmer, Ambrose E., Minneapolis, Minn. Corer and slicer. 2,397,007; Mar. 19.
Hospital Furniture Corporation, assignee: *See*—
Liptay, John M., and Restivo.
Hoss, Myrtle E., assignee: *See*—
Lantz, Elmer G.
Höss, Otto: *See*—
Schoeller, Walter, Inhoffen, Steinruck, and Höss.
Hossfeld, Ralph L.: *See*—
Salvesen, Jorgen R., Hossfeld, and Lovin.
Hostetler, James L., Leavenworth, Kans. Holder for miner's lamp. 2,399,030; Apr. 23.
Hotchner, Fred, Los Angeles, Calif. Low speed motor. 2,393,045; Jan. 15.
Hotstream Heater Company, The, assignee: *See*—
Crew, Morris W.
Morrow, Clarence H.
Short, George A.
Hotvedt, Ludvig C., Cambridge, England. Combination hand tool. 2,407,832; Sept. 17.
Hotze, Henry & Sons Company, assignee: *See*—
Riess, John.
Houck, James P., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control desk. 2,394,062; Feb. 5.
Houck, James P., and R. A. Geiselman, assignors to Westinghouse Electric Corporation, Pittsburgh, Pa. Control system. 2,399,351; Apr. 30.
Houck, Robert C.: *See*—
Sheppard, Samuel E., and Houck.
Houck, Robert C., J. Russell, and S. E. Sheppard, assignors to Eastman Kodak Company, Rochester, N. Y. Controlling the isoelectric point of gelatin. 2,398,004; Apr. 9.
Houdaille-Hershey Corporation, assignee: *See*—
Chisholm, Harry L., Jr.
Jandus, Herbert S.
Johnson, Bernard C.
Magrum, Gervase M.
Margum, Gervase M., and O'Connor.
Sandberg, Ray A.
Sebok, Joseph B.
Houdry, Eugene J., Ardmore, and H. A. Shabaker, Media, Pa., assignors to Houdry Process Corporation, Wilmington, Del. Catalysis. 2,399,678; May 7.
Houdry Process Corporation, assignee: *See*—
Bates, John R.
Bates, John R., and Shabaker.
Bond, George R., Jr.
Houdry, Eugene J., and Shabaker.
Newton, Roger H.
Peterkin, Albert G.
Weiser, Harry B., and Milligan.
Weiser, Harry B., Smith, and Mackay.
Hough, Frank G., Co., The, assignee: *See*—
Conrad, Marcus L.
Hough, Zachariah R., Banning, Pa. Hack saw. 2,399,869; May 7.
Houghton, Ellis M., Marion, assignor to Double Duty Products, Inc., Cleveland, Ohio. Dispensing closure structure. 2,393,322; Jan. 22.
Houghton, Henry G., Wellesley Hills, Mass. Spray nozzle. 2,410,215; Oct. 29.
Houghton, Joseph Y., Chevy Chase, Md., and E. L. Kilpatrick, U. S Navy. System for determining 3-dimensional angle of approach or incidence of radio waves. 2,395,871; Mar. 5.
Houghton, Leslie W.: *See*—
Beatty, William A., and Houghton.
Chatterjea, Prafulla K., and Houghton.
Hougland, Albert C. and G. S., New York, N. Y. Churn. 2,397,488; Apr. 2.
Hougland, Glen S.: *See*—
Hougland, Albert C. and G. S.
Houk, Alva L.: *See*—
Bock, Louis H., and Houk.
Houk, Mansel E.: *See*—
Hileman, George A., and Houk.
Houlgate, Henry J. and P. D. R. Marks, assignors to Guy R. Fountain Limited, London, England. Apparatus for testing microphones. 3,394,613; Feb. 12.
House, Bryan E., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,412,335; Dec. 10.
House Maurice Beaud & Fils, assignee: *See*—
Beaud, Emile.
Householder, Leland E.: *See*—
Zeigler, Paul P., and Householder.
Houser, Jesse E., assignor to The Dayton Liquid Meter Co., Dayton, Ohio. Oil circulatory system employed in fuel injection pumps. 2,395,330; Feb. 19.
Houston, Howard G., and J. B. Humphrey, Inglewood, Calif. Oil well sand pump. 2,405,697; Aug. 13.
Houtz, Ray C., Snyder, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing polymeric solutions. 2,404,713; July 23.
Houtz, Ray C., Snyder, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of solutions. 2,404,717; July 23.
Houtz, Ray C., Snyder, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dissolving of polymers. 2,404,718; July 23.
Houtz, Ray C., Snyder, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Acrylonitrile polymer solutions. 2,404,719; July 23.
Houtz, Ray C., Snyder, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymer products. 2,404,720; July 23.

Houts, Ray C., Snyder, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymer products and producing same. 2,404,721; July 23.
Houts, Ray C., Snyder, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Acrylonitrile polymer solutions. 2,404,722; July 23.
Houts, Ray C., Snyder, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing solutions of polymers. 2,404,724; July 23.
Houts, Ray C., Snyder, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dissolving of polymers. 2,404,727; July 23.
Hovey, C. Earl, assignee: *See*—
Baldwin, Glenn W.
Bloomfield, Samuel.
Johnson, Elmer C.
McGuire, John S.
Hovey, C. Earl, assignee, trustee: *See*—
Andaliklewicz, Boley A.
Denison, Noel M.
Hovgaard, Ole M.: *See*—
Elliott, Stanley J., Hovgaard, Mallina, and Thomas.
Howald, Werner, Zurich, Switzerland. Piston for internal-combustion engines. 2,394,179; Feb. 5.
Howard, Alan: *See*—
Morey, Arthur H., and Howard.
Howard, Alan, Schenectady, N. Y., assignor to General Electric Company. Bladed machine element. 2,412,615; Dec. 17.
Howard, Arthur C., Upminster, England. Trench digging machine. 2,403,367; July 2.
Howard, Bob, West Los Angeles, Calif. Health cabinet. 2,406,222; Aug. 20.
Howard, Carroll: *See*—
Miller, Robert A., and Howard.
Howard, Cecil D., Swarthmore, assignor to Sun Shipbuilding & Dry Dock Company, Chester, Pa. Welding apparatus. 2,403,221; July 2.
Howard, Charles R., Greenbelt, Md. Double point drafting device. 2,394,452; Feb. 5.
Howard, Dana C., Springfield, Mass. Dial and pointer apparatus. 2,400,553; May 21.
Howard, Elmer E., Buffalo, assignor to The Carborundum Company, Niagara Falls, N. Y. Reinforced abrasive article and method of making same. 2,398,890; Apr. 23.
Howard Foundry Company, assignee: *See*—
Brooks, John A.
Howard, George E., Butler, Pa. Valve actuating mechanism for internal-combustion engines. 2,410,660; Nov. 5.
Howard, George G., assignor to Scovill Manufacturing Company, Waterbury, Conn. Hose coupling. 2,403,368; July 2.
Howard, James, Jr., Fairfield, and A. C. Noland, Pratt City, Ala. Curtain hanger. 2,411,431; Nov. 19.
Howard, John B., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated. Manufacture of polyesters. 2,410,073; Oct. 29.
Howard, John J., Philadelphia, Pa. Refining metals. 2,397,418; Mar. 26.
Howard, Posy A., assignor of one-half to C. A. Mathey and one-half to C. B. Harter, Tulsa, Okla. Pipe-cutting apparatus. 2,408,517; Oct. 1.
Howard, Robert E.: *See*—
Bray, John L., and Howard.
Howard, Royal V., San Francisco, Calif. Automatic regulating system. 2,392,384; Jan. 8.
Howard, Stanley R., Milton, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Carton. 2,395,663; Feb. 26.
Howard, Styles T., Jeffersonville, Ind. Filter. 2,397,142; Mar. 26.
Howard, Willis G., Indianapolis, Ind. Holding tray for egg treating machines. 2,407,079; Sept. 3.
Howard, Willis G., Indianapolis, Ind. Apparatus for decrating eggs. 2,410,163; Oct. 29.
Howe, Andrew F., University City, assignor to Centrifugal & Mechanical Industries, Inc., St. Louis, Mo. Coal devolatilizer. 2,406,077; Aug. 20.
Howe, Earl E., assignor to Chicago Forging & Manufacturing Company, Chicago, Ill. Tubular connection and sealing means therefor. Re. 22,713; Jan. 22.
Howe, Goodwin, Scotia, N. Y., assignor to General Electric Company. Making permanent magnet alloys consisting of silver, manganese and aluminum. 2,399,031; Apr. 23.
Howe, Goodwin H., Menands, N. Y., assignor to General Electric Company. Making permanent magnet alloys consisting of silver, manganese and aluminum. 2,399,032; Apr. 23.
Howe, Llewellyn S.: *See*—
Chechot, Vladimir L., and Howe.
Howe, Louis H., Portland, Oreg. Gauge for grinding tool bits. 2,397,738; Apr. 2.
Howe, Ralph P.: *See*—
Vanderbilt, Byron M., and Howe.
Howe Scale Company, The, assignee: *See*—
Barnes, Lewis C., and Holt.
Syrcher, Edward V., McNair, and Crump.
Howe, Wilfred H., Sharon, assignor to The Foxboro Company, Foxboro, Mass. Specific gravity measuring device. 2,394,549; Feb. 12.
Howe, Winthrop K., assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. 2,399,738; May 7.
Howell, Edward T.: *See*—
Lee, Henry R., and Howell.
Howell, Fred E., assignee: *See*—
Truesdell, Robert S.
Howell, Joe S., Jennings, Fla. Attachable key. 2,399,119; Apr. 23.
Howell, John D., Ilion, N. Y., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Gun sight. 2,398,309; Apr. 9.
Howell, John D., Ilion, N. Y., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Producing external broaches. 2,398,310; Apr. 9.
Howells, John N. M., Kittery, Maine. Machine for driving curved self-retroverting nails. 2,403,222; July 2.
Howerton, David R., Riverside, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Magnetic materials. 2,396,375; Mar. 12.
Howes, Donald A., and E. W. M. Fawcett, Sunbury-on-Thames, assignors to Anglo-Iranian Oil Company, Limited, London, England. Production of isoparaffins. 2,399,927; May 7.
Howk, Benjamin W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Catalyst and preparation. 2,402,626; June 25.
Howk, Benjamin W., J. R. Roland, and H. H. Hoehn, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Polish compositions. 2,409,683; Oct. 22.
Howland, Louis H., Watertown, and P. T. Paul, Naugatuck, Conn., assignors to United States Rubber Company, New York, N. Y. Antioxidants. Re. 22,808; Nov. 5.
Howlett, John W., assignor to Wellworthy Piston Rings Limited, Lymington, England. Piston. 2,394,241; Feb. 5.
Howlett, John W., assignor to Wellworthy Piston Rings Limited, London, England. Piston. 2,398,005; Apr. 9.
Howorth, Harmon, and L. C. Holt, Pearisburg, Va., assignors to Celanese Corporation of America. Treatment of staple fiber. 2,406,542; Aug. 27.
Howry-Berg, Inc., assignee: *See*—
Galbreath, Robert H.
Hoy, Joseph A., Hialeah, Fla. Safety flashlight for pedestrians and bicycle riders. 2,408,643; Oct. 1.
Hoyer, Arnold Z., Conshohocken, Pa., assignor, by mesne assignments, to Kimble Glass Company, Vineland, N. J. Thermohydrometer. 2,410,031; Oct. 29.
Hoyle, Robert L., assignor, by mesne assignments, to Burgess-Manning Company, Chicago, Ill. Communication booth. 2,397,606; Apr. 2.
Hoyler, Cyril N.: *See*—
Bierwirth, Rudolph A., and Hoyler.
Hoyler, Cyril N., Audubon, N. J., assignor to Radio Corporation of America. Method of and apparatus for drying moisture laden articles. 2,403,800; July 9.
Hoynacke, Anthony J.: *See*—
Lemont, Clarence J., and Hoynacke.
Hoyt, Frederick A.: *See*—
Fetzer, Karl M., and Hoyt.
Hoyt, Richard A.: *See*—
Levi, Ormonde S., and Hoyt.
Hoyte, William N., Rosebank, Staten Island, assignor to Foster Wheeler Corporation, New York, N. Y. Fractionating column. 2,406,375; Aug. 27.
Hsu, Eugene T., Schenectady, N. Y., assignor to General Electric Company. High-frequency heating apparatus. 2,405,037; July 30.
Hubacher, Paul, Zurich, assignor to Aktiengesellschaft Brown, Boveri & Cie, Baden, Switzerland. Control device for vapor discharge vessels. 2,395,222; Feb. 19.
Hubalek, Arthur, Brooklyn, N. Y. Firing mechanism for line throwing guns. 2,399,928; May 7.
Hubbard, David C., Centralia, Mo., assignor of fifty per cent to R. H. Wendt, Chicago, Ill. Ice removing device for aircraft. 2,393,635; Jan. 29.
Hubbard, Edward R., Taunton, Mass. Intravenous needle holder. 2,409,432; Oct. 15.
Hubbard, Findley E., and C. R. McCullough, Anniston, Ala., assignors to Monsanto Chemical Company. Water-treating composition. 2,396,918; Mar. 19.
Hubbard, Francis A.: *See*—
Bascom, Henry M., and Hubbard.
Hubbard, Francis A., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone call transmitting device. 2,400,148; May 14.
Hubbard, John R.: *See*—
Tutt, Richard, Jr., Hubbard, and McKee.
Hubbard, Joseph G., Hubbard, Ohio. Bowling ball. 2,393,908; Jan. 29.
Hubbard Spool Company, assignee: *See*—
Powell, Edward W.
Hubbell, Fred D., Baltimore, Md. Apparatus for fumigating buildings. 2,411,212; Nov. 19.
Hubbell, Leslie W., Cheshire, assignor to The Ball & Socket Manufacturing Co., West Cheshire, Conn. Clip type earring. Re. 22,729; Mar. 5.
Hubbert, Leslie S., Mount Gilead, Ohio, assignor to The Hydraulic Development Corporation, Inc., Wilmington, Del. Briquetting press. 2,398,227; Apr. 9.

Hubbert, Leslie S., Mount Gilead, Ohio, assignor to The Hydraulic Development Corporation, Inc., Wilmington, Del. Press control. 2,408,312; Sept. 24.
Hubble, Henry B., Bucyrus, Ohio. Educational device. 2,402,892; June 25.
Huber, Albert F., Niagara Falls, N. Y., assignor to American Brake Shoe Company. Railway lubricator. 2,401,303; June 4.
Huber, Frank P., New Orleans, La. Muffler. 2,396,952; Mar. 19.
Huber, Harold E.: *See*—
Carmody, Don R., and Huber.
Huber, J. M., Corporation, assignee: *See*—
Williams, Ira and Selfridge.
Huber, John K., Lakewood, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electric circuit controller. 2,408,213; Sept. 24.
Huber, Joseph C., Jr., La Porte, Ind. Glass building construction. 2,403,369; July 2.
Huber, Matthew W., Watertown, N. Y., assignor to The New York Air Brake Company. Pressure switch. 2,404,843; July 30.
Huber, Ralph L., Seattle, Wash. Hypodermic needle. 2,409,979; Oct. 22.
Huber, Walter, assignor to Sulzer Freres, Societe Anonyme, Winterthur, Switzerland. Turboblade fastening. 2,401,073; May 28.
Huber, Walter, assignor to Sulzer Freres, Société Anonyme, Winterthur, Switzerland. Turbomachine. 2,405,146; Aug. 6.
Huberman, John: *See*—
Schaffer, Leslie L.
Huberman, Sidney H., assignee: *See*—
La Chapelle, Fred N.
Hubert, Clarence A.: *See*—
Rosenthal, William C., and Hubert.
Huck, Louis C., Grosse Pointe, assignor to Huxon Holding Corporation, Detroit, Mich. Riveted structure and making the same. Re. 22,792; Sept. 17.
Huck, Louis C., Grosse Pointe Shores, assignor, by mesne assignments, to Huxon Holding Corporation, Detroit, Mich. Rivet. 2,397,111; Mar. 26.
Huck, Louis C., Grosse Pointe, assignor to Huxon Holding Corporation, Detroit, Mich. Riveting gun. 2,406,949; Sept. 3.
Huck, William F., Forest Hills, assignor to R. Hoe & Co., Inc., New York, N. Y. Web feeding and slitting mechanism. 2,412,047; Dec. 3.
Huddle, Edwin F., Elmwood Park, Ill., assignor to International Harvester Company. Ensilage blower. 2,410,501; Nov. 5.
Huddle, Edwin F., Elmwood Park, Ill., assignor to International Harvester Company. Double feed ensilage blower. 2,410,943; Nov. 12.
Huddleson, Walter D., South Lebanon, and T. J. Homan, Cincinnati, Ohio, assignors to Remington Arms Company, Inc., Bridgeport, Conn. Bullet orienting shaker. 2,413,047; Dec. 24.
Hudgins, Archibald P., Charleston, W. Va. Cannula. 2,392,045; Jan. 1.
Hudson Bay Mining and Smelting Company Limited, assignee: *See*—
Griffith, Dinsmore L., and Hendrickson.
Hudson Engineering Corporation, assignee: *See*—
Baird, John B.
Baird, John B., Dearmin.
Hudson, Frank, Battledown, Cheltenham, England, assignor to The International Nickel Company, Inc., New York, N. Y. Marine propeller and the like. 2,400,234; May 14.
Hudson, James L., Detroit, Mich. Coupling for plastic tubes. 2,409,283; Oct. 15.
Hudson, Jesse B., assignee, et al.: *See*—
Miller, George.
Hudson, John M.: *See*—
Palmer, Richard W., and Hudson.
Hudson, Lester C., Big Prairie, Ohio. Adapter head for wells. 2,407,010; Sept. 3.
Hudson, Verne L., Wichita, Kans., assignor to Boeing Airplane Company. Heater control valve and switch. 2,399,033; Apr. 23.
Huebel, Richard A., Abington, Mass. Shoemaking. 2,409,860; Oct. 22.
Hueber, Carl J., Euclid, and D. A. Stark, Willoughby, assignors to Addressograph-Multigraph Corporation, Cleveland, Ohio. Perforating device. 2,394,385; Feb. 5.
Hueber, Carl J., Euclid, Ohio, assignor to Addressograph-Multigraph Corporation, Wilmington, Del. Punching apparatus. 2,397,112; Mar. 26.
Huebner, Denis W., and J. E. Fearey, Norton-on-Tees, England, assignors to Imperial Chemical Industries Limited. Interpolymers of isobutylene with an alkyl acetylene and their preparation. 2,410,605; Nov. 5.
Huebner, William C., New York, N. Y. Relay character-selecting system for photographic composing apparatus. 2,402,750; June 25.
Huebner, William C., New York, N. Y. Justification or space-regulating means for printing or like purposes. 2,402,751; June 25.
Huebner, William C., New York, N. Y. Operating unit for photographic composing apparatus and the like. 2,402,752; June 25.
Huebner, William C., New York, N. Y. Camera. 2,406,770; Sept. 3.
Huebner, William C., New York, N. Y. Apparatus for multicolor printing with electro lines of force. 2,408,143; Sept. 24.
Huebner, William C., New York, N. Y. Printing. 2,408,144; Sept. 24.
Huebner, William C., New York, N. Y. Image reverser for cameras. 2,408,855; Oct. 8.
Huehn, Werner, and W. Haufe, Ludwigshafen-on-the-Rhine, Germany; vested in the Alien Property Custodian. Production of water-soluble basic aluminum compounds. 2,392,531; Jan. 8.
Huelster, Otto J., assignor to Scovill Manufacturing Company, Waterbury, Conn. Countersink bevel recessing tool. 2,401,074; May 28.
Huelster, Otto J., Waterbury, assignor to Scovill Manufacturing Company, Waterbury, Conn. Cap for snap fasteners. 2,402,627; June 25.
Huelster, Otto J., Waterbury, assignor to Scovill Manufacturing Company, Waterbury, Conn. Cap for snap fasteners. 2,402,628; June 25.
Huelster, Otto J., Waterbury, assignor to Scovill Manufacturing Company, Waterbury, Conn. Cap for snap fasteners. 2,402,629; June 25.
Huelster, Otto J., Waterbury, assignor to Scovill Manufacturing Company, Waterbury, Conn. Cap for snap fasteners. 2,402,630; June 25.
Huelster, Otto J., Waterbury, Conn., assignor to Scovill Manufacturing Company. Electric contact snap fastener. 2,404,176; July 16.
Huelster, Otto J., assignor to Scovill Manufacturing Company, Waterbury, Conn. Self-locking nut. 2,410,444; Nov. 5.
Huenergardt, William H., Chicago, Ill. Automatic heat control apparatus. 2,402,163; June 18.
Hueter, Richard: *See*—
Hentrich, Winfrid, and Hueter.
Huetten, Clarence, assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Vibrator. 2,402,815; June 25.
Huetten, Clarence, assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Vibrator circuit. 2,410,974; Nov. 12.
Huff, George K., assignee: *See*—
Fiddler, Albert A.
Huff, J. B., Jr., assignee: *See*—
Grawunder, Henry C.
Huff, John W., assignor, by mesne assignments, to Belmont Radio Corporation, Chicago, Ill. Combined amplitude-modulation and frequency-modulation receiver stage. 2,408,644; Oct. 1.
Huff, Lyman C., assignor to Universal Oil Products Company, Chicago, Ill. Separation of gases and solids. 2,400,645; May 21.
Huff, Lyman C., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of fluid reactants. 2,407,700; Sept. 17.
Huff, Lyman C., assignor to Universal Products Company, Chicago, Ill. Contacting finely divided solid particles with fluids. 2,412,152; Dec. 3.
Huffman, Hal C.: *See*—
Parker, Robert L., Jr., and Huffman.
Huffman, Hal C., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Catalytic dehydrogenation. 2,393,537; Jan. 22.
Huffman, Hal C., Long Beach, Calif., assignor to Union Oil Company of California, Los Angeles, Calif. Catalysts. 2,411,829; Nov. 26.
Huffman, Max N., assignor to U. S. Standard Products Company, Woodworth, Wis. Fungicide. 2,396,264; Mar 12.
Huffman, Robert L.: *See*—
King, Raymond B., and Huffman.
Hufford, Lewis C., Redondo Beach, Calif. Pressure control. 2,402,284; June 18.
Hufford, Lewis C., and L. R. Gray, assignors to Hufford Machine Works, Inc., Redondo Beach, Calif. Compressor. 2,391,972; Jan. 1.
Hufford Machine Works, Inc., assignee: *See*—
Hufford, Lewis C., and Gray.
Huffsmith, Edwin F., Cook, Wash. Saw set. 2,409,760; Oct. 22.
Huge, Henry M., Lorain, Ohio, assignor of one-half to E. M. Heavens and one-half to C. P. Stocker. Magnetic frequency multiplier. 2,395,389; Feb. 26.
Hughes, Alexander E., assignee, et al.: *See*—
Brizay, Emile A.
Hughes By-Product Coke Oven Corporation, assignee: *See*—
Hughes, Charles H.
Hughes, Charles H., Glen Ridge, N. J., assignor to Hughes By-Product Coke Oven Corporation. Apparatus for pyrolytically treating hydrocarbons. 2,410,074; Oct. 29.
Hughes, Edward B., assignor to Bernardin Bottle Cap Co., Inc., Evansville, Ind. Device for vacuum sealing containers. 2,406,771; Sept. 3.
Hughes, Everett C.: *See*—
Burk, Robert E.
Burk, Robert E., and Hughes.
Hughes, Everett C., Cleveland Heights, assignor to The Standard Oil Company, Cleveland, Ohio. Nonsoluble cutting oil. 2,398,429; Apr. 16.
Hughes, Everett C., Cleveland Heights, assignor to The Standard Oil Company, Cleveland, Ohio. Beneficiating mineral oils. 2,411,160; Nov. 19.

Hughes, Everett C., Cleveland Heights, and J. D. Bartleson, assignors to The Standard Oil Company, Cleveland, Ohio. Absorption and recovery of fluorides in amines of low basicity. 2,400,875; May 28.

Hughes, Gordon W., and V. Borgeson, Minneapolis, Minn. Tool. 2,393,777; Jan. 29.

Hughes, Grover A., Seattle, Wash. Welding method. 2,403,438; July 9.

Hughes, John M., assignee, et al.: *See*—
Kinney, Selwyne P.

Hughes, Lyman S., Peoria, Ill. Apparatus for heat-treating metal objects. 2,396,850; Mar. 19.

Hughes, Mary F.: *See*—
Wadsworth, Daniel V., and Hughes.

Hughes Tool Company, assignee: *See*—
Ashworth, Robert W.
Cullen, William L.
Perrine, Charles D., Jr.

Hughes, Wilfred A.: *See*—
Miller, David H., Knowles, and Hughes.

Hughey, Howard G., Fanwood, N. J., assignor to Air Reduction Company, Incorporated. Flame hardening torch. 2,407,370; Sept. 10.

Hughston, Robert Le Grande, Bainbridge, N. Y. Skeet and trap sight. 2,395,409; Feb. 26.

Huguley, William C., Belleville, N. J. Apparatus for arc welding. 2,405,828; Aug. 13.

Hulbert, George E.: *See*—
Indge, Herbert S., and Hulbert.

Hulbert, Ivan J., assignor to Rotax Limited, London, England. Auxiliary spark ignition apparatus for internal-combustion engines. 2,400,757; May 21.

Hulburt, George D., and R. E. Conaway, assignors to Twentieth Century-Fox Film Corporation, Los Angeles, Calif. Dolly for moving columns. 2,397,317; Mar. 26.

Hull, Carl M.: *See*—
Burney, Donald E., d'Ouville, and Hull.
Thiele, Ernest W., Schmitkons, and Hull.

Hull, Carl M., and E. L., d'Ouville, assignors to Standard Oil Company, Chicago, Ill. Chlorination of hydrocarbon mixtures. 2,403,179; July 2.

Hull, David C., assignor, by mesne assignments, to Tennessee Eastman Corporation, Kingsport, Tenn. Process and apparatus for the pyrolysis of organic compounds. 2,393,778; Jan. 29.

Hull, David C., and J. R. Snodgrass, Kingport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Preparation of neutral esters of phosphoric acid. 2,407,279; Sept. 10.

Hull, Harvard L., East Williston, W. S. Gorrill, Hempstead, and W. F. Frost, Williston Park, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Automatic positional control of objects. 2,408,068; Sept. 24.

Hull, Harvard L., East Williston, W. S. Gorrill, Brooklyn, and W. F. Frost, Williston Park, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Gun positioning system. 2,408,069; Sept. 24.

Hull, Harvard L., East Williston, and D. J. Munroe, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. System for positioning heavy objects. 2,408,070; Sept. 24.

Hull, Howard L., Anderson, Ind. Floating breaker switch for ignition systems. 2,403,283; July 2.

Hull, Joseph S., assignor to The American Pad & Textile Company, Greenfield, Ohio. Forming heat-sealed articles. 2,402,631; June 25.

Hull, Philip C., assignor to The Parker Pen Company, Janesville, Wis. Filling mechanism for fountain pens. 2,398,531; Apr. 16.

Hull, Philip C., assignor to The Parker Pen Company, Janesville, Wis. Desk set mounting. 2,403,083; July 2.

Hull-Ryde, Arthur, assignor of one-fourth to A. Wilde, Bayside, and one-half to M. V. Groves, Brooklyn, N. Y. Compound hydraulic brake compressor and the like. 2,407,957; Sept. 17.

Hull, Washington, Noroton Heights, Conn., assignor to American Cyanamid Company, New York, N. Y. Catalytic process for converting terpenes to p-cymene. 2,399,739; May 7.

Hull, Washington, Noroton Heights, Conn., assignor to American Cyanamid Company, New York, N. Y. Supported oxide catalysts. 2,401,246; May 28.

Hulsberg, Herbert A., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Flowmeter. 2,413,352; Dec. 31.

Hulse, George E.: *See*—
Chittum, James P., and Hulse.

Hulse, Stewart H., Westfield, N. J., assignor to Standard Oil Development Company. Conversion of hydrocarbon oils. 2,402,893; June 25.

Hulshizer, George W., Stewartsville, N. J., assignor to Ingersoll-Rand Company, New York, N. Y. Swinging mechanism for rock drills. 2,398,311; Apr. 9.

Hulsing, Kenneth L., Plymouth, assignor to General Motors Corporation, Detroit, Mich. Sleeve valve engine. 2,409,761; Oct. 22.

Hulst, Clarence P., New York, N. Y. Stereoscope. 2,396,510; Mar. 12.

Hulswit, William H., Jr., and H. C. Wiechman, Detroit, Mich., assignors to United States Rubber Company, New York, N. Y. Bonding butyl rubber to other surfaces. 2,392,590; Jan. 8.

Hultgren, Rudolph: *See*—
Isenberg, Sampson, and Hultgren.

Hulton, Charles S., assignor to The Kirk & Blum Manufacturing Company, Cincinnati, Ohio. Unit dust collector. 2,413,499; Dec. 31.

Hultquist, J. Albert, Scarsdale, N. Y., assignor to Radio Corporation of America. Electron ray indicating device. 2,394,857; Feb. 12.

Human, Alfred A., Sacramento, Calif. Airplane tire. 2,409,355; Oct. 15.

Humason, Granville A., Houston, Tex., assignor of ten per cent to L. C. Christian, Houston, eleven per cent to H. H. McGilvray, and eleven per cent to T. J. Favor, Harris County, Tex. Production lift device. 2,397,419; Mar. 26.

Humbert, Louis J., Wyandotte, Mich. Beverage container. 2,392,479; Jan. 8.

Hume, Patrick H., Lakewood, Ohio, and W. F. McGarrity and E. L. Robinson, Pittsburgh, Pa., assignors to Carnegie-Illinois Steel Corporation. Continuous production of heat-treatable ferrous sections. 2,395,184; Feb. 19.

Hume, Patrick H., Lakewood, Ohio, W. F. McGarrity, Hollidays Cove, W. Va., and E. L. Robinson, Pittsburgh, Pa., assignors to Carnegie-Illinois Steel Corporation. Continuous production of heat-treatable ferrous sections. 2,400,931; May 28.

Hume, Patrick H., Lakewood, Ohio, W. F. McGarrity, Hollidays Cove, W. Va., and E. L. Robinson, Pittsburgh, Pa., assignors to Carnegie-Illinois Steel Corporation. Continuous production of heat-treatable ferrous sections. 2,400,932; May 28.

Hume, W. L., assignee, et al.: *See*—
Livermont, Frank W.

Humes, George W., Sharon, Pa., assignor to Carnegie-Illinois Steel Corporation. Casting ingots. 2,401,075; May 28.

Humes, William B.: *See*—
Hayes, Norman V., and Humes.

Hummel, Fred E., Ojai, Calif., assignor to Shell Development Company, San Francisco, Calif. Mud logging system. 2,400,046; May 7.

Hummel, Fred E., assignor to Hummel-Ross Fibre Corporation, Hopewell, Va. Laminated structure. 2,413,500; Dec. 31.

Hummel-Ross Fibre Corporation, assignee: *See*—
Hummel, Fred E.

Humphner, Ferdinand W., River Forest, assignor to Mid-States Gummed Paper Co., Chicago, Ill. Gummed product. 2,400,995; May 28.

Humphrey, John B.: *See*—
Houston, Howard G., and Humphrey.

Humphrey, Walter E., assignor to Pennsylvania Rubber Company, Jeannette, Pa. Vulcanizing mold and operation. 2,404,636; July 23.

Hungerford, Daniel C., Madison, and J. D. Shaw, Totowa, assignors, by mesne assignments, to Elastic Stop Nut Corporation of America, Union, N. J. Threaded fastening device. 2,393,323; Jan. 22.

Hunt, A. H., Limited, assignee: *See*—
Grouse, Richard A., and Rogers.

Hunt, Basil G., Trail, British Columbia, Canada, assignor, by mesne assignments, to The Mathieson Alkali Works (Inc.). Electrolytic cell. 2,393,685; Jan. 29.

Hunt, Basil G., Trial, British Columbia, Canada, and R. B. MacMullin, Niagara Falls, N. Y., assignors, by mesne assignments, to The Mathieson Alkali Works (Inc.). Electrolytic production of magnesium. 2,393,686; Jan. 29.

Hunt, Chapin P.: *See*—
Budge, Edward D., Hunt, and Lent.

Hunt, Charles K., Wyandotte, J. F. Olin, Grosse Ile, and H. H. Brandt, Wyandotte, Mich., assignors to Sharples Chemicals Inc., Philadelphia, Pa. Pickling of ferrous metals. 2,411,791; Nov. 26.

Hunt, Ernest W., Baytown, Tex., assignor to Standard Oil Development Company. Starting procedure for cracking units. 2,398,228; Apr. 9.

Hunt, George V.: *See*—
Sheehan, Edward F.

Hunt, Harold S., Iowa City, Iowa. Carrying case. 2,405,955; Aug. 20.

Hunt, Jesse B., Sr., Raleigh, N. C. Contraction joint assembly. 2,405,654; Aug. 13.

Hunt, John H., assignor to General Motors Corporation, Detroit, Mich. Brake shoe. 2,398,006; Apr. 9.

Hunt, John L.: *See*—
Greenleaf, Robert M., and Hunt.

Hunt, John O., assignor to Mountain City Foundry and Machine Co., Greenville, S. C. Loom. 2,408,645; Oct. 1.

Hunt, John W.: *See*—
Ford, Richard E., and Hunt.

Hunt, Joseph A.: *See*—
Morellion, Albert E., and Hunt.

Hunt, Joseph A., assignor to The Heywood Compressor Company Limited, Redditch, England. Priming arrangement for gasoline and like engines. 2,401,643; June 4.

Hunt, Madison, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Esters. 2,396,789; Mar. 19.

Hunt, Melvin W., Gardena, Calif. Swing. 2,402,249; June 18.

Hunt, Rodney, Machine Company, assignee: *See*—
Belcher, Harold H.

Hunt, Scott F., assignor to Bendix Aviation Corporation, South Bend, Ind. Carburetor. 2,403,720; July 9.

Hunt, Scott F., Meriden, assignor to Chandler-Evans Corporation, South Meriden, Conn. Pump control with line loss compensation. 2,411,574; Nov. 26.

Hunt, Thomas E. V., Norristown, Pa. Toolmaker's angle block. 2,409,936; Oct. 22.

Hunt, William H., National City, Calif., assignor to The Atlantic Coast Fisheries Company, New York, N. Y. Fish filleting machine. 2,400,118; May 14.

Hunter, Albert E., Wollaton, Nottingham, and S. F. Topott, assignors to Byard Manufacturing Company, Nottingham, England. Machine-made net. 2,412,336; Dec. 10.

Hunter, Archibald S., Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Apparatus for the production of artificial filaments. 2,391,973; Jan. 1.

Hunter, Benjamin F., and H. P. Hobart, assignors to Gulf Oil Corporation, Pittsburgh, Pa. Cutting oil composition. 2,413,353; Dec. 31.

Hunter, Blaine, U. S. Navy, Staten Island, N. Y. Filing equipment. 2,412,219; Dec. 10.

Hunter, David U., Millburn, N. J. Sealing structure. 2,393,779; Jan. 29.

Hunter, Donald B., Edgerton, Wis. Toilet. 2,396,177; Mar. 5.

Hunter, Douglas G., London, England, assignor to Barnet Ensign Limited. Roll-film winding mechanism. 2,404,291; July 16.

Hunter, Douglas G., London, England, assignor to Barnet Ensign Limited. Folding photographic camera. 2,406,772; Sept. 3.

Hunter, Douglas G., assignor to Barnet Ensign Limited, London, England. Photographic masking easel. 2,412,507; Dec. 10.

Hunter, Frank B., La Canada, and J. C. Arnold, Los Angeles, Calif., assignors to Adel Precision Products Corp. Resistance welding apparatus. 2,397,263; Mar. 26.

Hunter, Henry G., Potsdam, N. Y. Loading and dumping device. 2,401,159; May 28.

Hunter, John A., Pittsburgh, and H. E. Muller, Sr., Swissvale, assignors to Carnegie-Illinois Steel Corporation. Adjustable tongs. 2,394,779; Feb. 12.

Hunter, John W., Boulder City, Nev. Purification of manganese electrolytes. 2,392,385; Jan. 8.

Hunter, Joseph L., Riverside, Calif. Tape holder for Venetian blinds. 2,396,425; Mar. 12

Hunter, Joseph L., Riverside, Calif. Venetian blind tape. 2,405,579; Aug. 13.

Hunter, Lawrence M., Toronto, Ontario, Canada. Combining and separating device. 2,404,232; July 16.

Hunter, Lyle R., Clairton, and O. C. Levander, McKeesport, Pa. Photoelectric counter. 2,408,313; Sept. 24.

Hunter, Melvin J.: *See*—
Rauner, Lawrence A., and Hunter.

Hunter, Melvin J., and H. N. Fenn, assignors to The Dow Chemical Company, Midland, Mich. Esters of 12-hydroxystearic acid. 2,397,008; Mar. 19.

Hunter, Melvin J., and W. C. Bauman, assignors to The Dow Chemical Company, Midland, Mich. Process and agents for the recovery of magnesium ions from brine. 2,409,861; Oct. 22.

Hunter, Raymond, assignee: *See*—
Bugley, James R.

Hunter, Richard B., Shorewood, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electric circuit controller. 2,398,007; Apr. 9.

Hunter, Richard S., Franklin Park, Va., assignor to United States of America, as represented by the Secretary of Commerce. Signaling mirror. 2,412,616; Dec. 17.

Hunter, Robert H., Cleveland, Ohio. Heating apparatus. 2,410,881; Nov. 12.

Hunter, William L., assignor to Northern Equipment Company, Erie, Pa. Feed water regulating apparatus for boilers. 2,411,728; Nov. 26.

Hunter, William L., assignor to Northern Equipment Company, Erie, Pa. Feed water regulating apparatus for boilers. 2,411,729; Nov. 26.

Hunter, Willson H., Lakewood, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Protective covering for aircraft surfaces and the like. 2,394,063; Feb. 5.

Hunter, Willson H., Lakewood, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Frictional mechanism. 2,406,543; Aug. 27.

Hunter, Willson H., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Shield assembly for aircraft. 2,399,186; Apr. 30.

Hunter, Willson H., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Spinner assembly. 2,401,247; May 28.

Hunter, Willson H., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Propeller blade protective means. 2,401,935; June 11.

Hunter, Willson H., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Duct throttle. 2,409,433; Oct. 15.

Huntington, Glen H., Denver, Colo. Sheet metal roofing. 2,408,557; Oct. 1.

Huntington, James M., and J. W. Lawlor, La Canada, Calif. Vise for splicing cables. 2,399,870; May 7.

Huntley, James R., Hicksville, N. Y. Machine tool. 2,408,846; Oct. 1.

Huntsman, Orlondo A., Arlington, Va., assignor to General Electric Company. Electric switch. 2,411,730; Nov. 26.

Huntzicker, Harry N., Evanston, and C. R. Norman, Jr., assignors to United States Gypsum Company, Chicago, Ill. Manufacture of hydrated lime. 2,408,647; Oct. 1.

Hunz, Alphonse W., East Chicago, Ind. Rolled tooth bar. 2,397,965; Apr. 9.

Huppert, Oskar, Newark, N. J. Thiozonides of the 2 cyclo-alken-1 one series. 2,397,355; Mar. 26.

Huppert, Oskar, New York, N. Y. Artificial fibers from globular and fibrous proteins. 2,413,501; Dec. 31.

Huppert, William, New York, N. Y., assignor to Delamere Company, Inc. Hair foundation. 2,406,376; Aug. 27.

Huppert, William, New York, N. Y., assignor to Delamere Company, Inc. Hair roll. 2,407,011; Sept. 3.

Huppert, William, New York, N. Y., assignor to Delamere Company, Inc. Making combs from sheet stock. 2,408,778; Oct. 8.

Huppke, Walter F., New York, assignor to West Disinfecting Company, Long Island City, N. Y. Processed natural rubber. 2,410,661; Nov. 5.

Hurd, Dallas T., Schenectady, N. Y., assignor to General Electric Company. Alkylation of halogenosilanes 2,403,370; July 2.

Hurd, Dallas T., Schenectady, N. Y., assignor to General Electric Company. Hydrogenation of halogenosilanes. 2,406,605; Aug. 27.

Hurd, Jesse L., Pierce County, Wash. Logging apparatus. 2,413,048; Dec. 24.

Hurd, John C. H.: *See*—
Wildt, Edwin, Holmes, and Hurd.

Hurd, Loren C., Jenkintown, assignor to Röhm & Haas Company, Philadelphia, Pa. Stable red phosphorus. 2,399,120; Apr. 23.

Hurd, Ralph H., Clarendon Hills, assignor to United States Gypsum Company, Chicago, Ill. Machine for manufacturing recessed plasterboard. 2,392,923; Jan. 15.

Hurd, Warren D.: *See*—
Kellgren, Waldo, and Hurd.

Hurford, Herbert, Chicago, Ill. Mat and heel protector. 2,410,412; Nov. 5.

Hurlburt, Wilbur F., South Orange, N. J. Dispensing valve. 2,392,741; Jan. 8.

Hurley, Albert B., Huntington, N. Y. Collapsible motion-picture-screen assembly. 2,403,661; July 9.

Hurley, Albert B., Huntington, N. Y. Acoustic tile. 2,410,413; Nov. 5.

Hurley, Albert B., Huntington, N. Y. Vibratile board for acoustic treatments. 2,413,568; Dec. 31.

Hurley, Carl R.: *See*—
Brown, Henry, and Hurley.

Hurley, Earl H., Emporium, Pa. Swing. 2,394,913; Feb. 12.

Hurley, Earl H., Emporium, Pa. Swing. 2,413,232; Dec. 24.

Hurley, Michael, Denver, Colo. Stair construction. 2,406,497; Aug. 27.

Hurley, Paul E., and J. B. Dunlap, Deer Park, assignors to Shell Development Company, San Francisco, Calif. Production of aviation gasoline. 2,399,805; May 7.

Hurley, Roy T., Dobbs Ferry, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Aircraft control apparatus. 2,410,502; Nov. 5.

Hurley, Roy T., Westport, Conn., and G. E. Merritt, Staten Island, N. Y., assignors to Bendix Aviation Corporation, South Bend, Ind. Optical apparatus 2,397,009; Mar. 19.

Hurley, Samuel C., Jr., assignee: *See*—
Giesecke, Wernew A.

Hurley, Samuel C., Jr., Danville, Ill. Photoelectric inspection device. 2,395,482; Feb. 26.

Hurley, Samuel C., Jr., Danville, Ill. Photoelectric inspection device. 2,402,405; June 18.

Hurley, Samuel C., Jr., Danville, Ill. Article rotating apparatus. 2,403,662; July 9.

Hurley, Samuel C., Jr., Danville, Ill. Mechanism for rotating articles. 2,404,233; July 16.

Hurley, Samuel C., Jr., Danville, Ill. Sorting chute. 2,405,829; Aug. 13.

Hurley, Samuel C., Jr., Danville, Ill. Device for rotating rounds. 2,408,170; Sept. 24.

Hurst, Max, Stuttgart, Germany; vested in the Alien Property Custodian. Internal-combustion engine. 2,392,591; Jan. 8.

Hurst, William M., Douglaston, N. Y., assignor to Hazeltine Corporation, Washington, D. C. Control mechanism. 2,397,607; Apr. 2.

Hurt, David M., Wilmington, Del., and G. S. Stafford and E. J. Tauch, Cleveland Heights, Ohio, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Sulphuric acid manufacture and apparatus therefor. 2,402,553; June 25.

Hurt, Victor H., Cranston, R. I., assignor to United States Rubber Company, New York, N. Y. Water toy. 2,404,729; July 23.

Hurt, Victor H., Cranston, R. I., assignor to United States Rubber Company, New York, N. Y. Watertight closure. 2,409,489; Oct. 15.

Hurtel, William W., Los Angeles, Calif. Clamping device. 2,400,512; May 21.
Hurtel, William W., Los Angeles, Calif. Keyless lock. 2,406,332; Aug. 27.
Hurwitz, Sam, Pittsburgh, Pa. Electrosignal warning device. 2,391,974; Jan. 1.
Husband, Linton A., Elmhurst, Ill., assignor to General Motors Corporation, Detroit, Mich. Stud driver. 2,394,386; Feb. 5.
Husek, Helen P.: *See*—
Barnes, Arthur, and Husek.
Ryan, William H., Barnes, and Husek.
Husek, Helen P., Allston, Mass., assignor to Polaroid Corporation. Producing iodine images. 2,413,630; Dec. 31.
Hushower, Clarence W., South Bend, Ind. Scaffold bracket. 2,406,078; Aug. 20.
Husman, Chester N., and O. M. Longcoy, Orlando, Fla., assignors to the United States of America as represented by the Secretary of Agriculture and his successors in office. Airplane spray unit. 2,395,827; Mar. 5.
Hussar, Joseph P., assignee: *See*—
Reutlinger, Emile C.
Huseman, Carl, Chicago, Ill. Vibration absorbing support. 2,408,856; Oct. 8.
Husson, Harry L.: *See*—
Eppler, Walter T., and Husson.
Hussong, Ralph V.: *See*—
Horneman, Herman C., Hussong, Quam, and Hammer.
Husted, Clayton A.: *See*—
Landrum, Harvey B., and Husted.
Husted, Harry A., St. Clair, Mich. Combination fan and eyeshield. Re. 22,796; Oct. 1.
Husted, Harry A., St. Clair, Mich. Combination fan and eye shield. 2,392,671; Jan. 8.
Husted, Harry A., St. Clair, Mich. High traction sole and heel. 2,408,214; Sept. 24.
Huston, Claude B., Schenectady, N. Y., assignor to General Electric Company. Control system. 2,392,151; Jan. 1.
Huston, Frederick P., Fanwood, and L. A. Burrows, Woodbury, N. J., and W. E. Lawson, Wilmington, Del.; said Huston assignor to The International Nickel Company, Inc., New York, N. Y.; said Burrows and Lawson assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Boiler construction and method of producing same. 2,412,886; Dec. 17.
Huston, Frederick P., Fanwood, and L. A. Burrows, Woodbury, N. J., and W. E. Lawson, Wilmington, Del.; said Huston assignor to The International Nickel Company, Inc., New York, N. Y.; said Burrows and said Lawson assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Staybolt. 2,412,887; Dec. 17.
Hussar, Kalman Z., Cincinnati, Ohio. Rod mill. 2,392,245; Jan. 1.
Huszár, Kálmán Z., Cincinnati, Ohio. Rodmill. 2,394,453; Feb. 5.
Hutcheson, John A.: *See*—
McCurdy, William H., and Hutcheson.
Hutchings, Charles F., Perinton, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Goggle. 2,409,356; Oct. 15.
Hutchings, Herschel, Lubbock, Tex. Agricultural tractor. 2,404,442; July 23.
Hutchings, Joseph L.: *See*—
Daniel, Frederick K., and Hutchings.
Hutchins, Edward: *See*—
Maxim, William D., and Hutchins.
Hutchins, Francis E.: *See*—
Alton, William H., and Hutchins.
Hutchins, James F., and W. K. White, Jr., San Antonio, Tex. Rapid frequency change radio receiver. 2,410,075; Oct. 29.
Hutchinson, Archibald D. L., Seattle, Wash. Safety device for dump trucks. 2,407,012; Sept. 3.
Hutchinson, Arthur J. L., San Marino, assignor to The Fluor Corporation, Ltd., Los Angeles, Calif. Separation of hydrate-forming components of gaseous mixtures. 2,410,583; Nov. 5.
Hutchinson, Gilbert E.: *See*—
Finlay, Walter L., and Hutchinson.
Hutchinson, Henry M.: *See*—
Staudinger, Hanns P., and Hutchinson.
Hutchinson, Job, Great Neck, N. Y. Carburetor attachment. 2,409,937; Oct. 22.
Hutchinson, Job, Great Neck, N. Y., assignor to Morris Pouzzner, Boston, Mass. Display device. 2,410,975; Nov. 12.
Hutchinson, Philip H., Montclair, N. J., assignor to General Motors Corporation, Detroit, Mich. Grinding machine. 2,402,225; June 18.
Hutchinson, Willis S., St. Paul, Minn., assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Chemical manufacture. 2,394,064; Feb. 5.
Hutchinson, Willis S., St. Paul, Minn., assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Production of chlorine dioxide. 2,409,862; Oct. 22.
Hutchinson, Willis S., St. Paul, Minn., and E. R. Woodward, assignors to The Mathieson Alkali Works, Inc., New York, N. Y. Generator. 2,407,882; Sept. 17.
Hutchison, Frank E., Houston, Tex. Mud screen. 2,408,558; Oct. 1.
Hutchison, Miller R., Jr., assignor to Eastman Kodak Company, Rochester, N. Y. Double exposure prevention device. 2,394,614; Feb. 12.
Hutler, Richard C., assignee, et al.: *See*—
Kinney, Selwyne P.
Hutsell, Thomas A., Renton, Wash. Forming tool for wire anchors. 2,397,739; Apr. 2.
Hutt, Albert E., Stamford, Conn., assignor to Schick Incorporated, Stamford, Conn. Sheet metal piercing. 2,395,123; Feb. 19.
Hutter, William H., Chicago, Ill. Phonograph needle. 2,405,307; Aug. 6.
Hutter, William H., Chicago, Ill. Pilot trainer. 2,409,938; Oct. 22.
Huttrer, Charles P.: *See*—
Djerassi, Carl, Huttrer, and Schols.
Huxon Holding Corporation, assignee: *See*—
Huck, Louis C.
Huyck, F. C., & Sons, assignee: *See*—
Cogovan, Edward J.
Wilson, Ezekiel J.
Huye, Joseph G., New Orleans, La. Automatically locked fiberboard shipping box. 2,412,402; Dec. 10.
Huyett, Daniel D., and W. E. Fletcher, assignors to Atlas Powder Company, Wilmington, Del. Electric explosion initiator. 2,399,034; Apr. 23.
Huyett, Daniel D., and F. S. Pollock, assignors to Atlas Powder Company, Wilmington, Del. Sheathing for explosives. 2,412,581; Dec. 17.
Huzenlaub, Erich G., Brentford, England. Enriching cereal grains with natural vitamins. 2,412,153; Dec. 3.
Hybinette, Sven E., and F. C. Cary, Wilmington, Del. Producing magnesium and other metals. 2,396,658; Mar. 19.
Hybinette, Sven E., and F. C. Cary, Wilmington, Del. Apparatus for producing or purifying metals or compounds. 2,412,582; Dec. 17.
Hyde, A. R., & Sons, assignee: *See*—
Vietas, Frank, and Gardner.
Hyde, Albert F., New York, N. Y. Material clearing attachment for jaw crushing machines. 2,409,863; Oct. 22.
Hyde, Donald B., Newton, Mass. Bird house and bird-feeding device. 2,392,532; Jan. 8.
Hyde, George G., Darien, Conn., and J. H. Hochuli, Woodhaven, assignors to Crucible Steel Company of America, New York, N. Y. Sheet feeding mechanism. 2,402,048; June 11.
Hyde, George J.: *See*—
Sampson, Frederick W., and Hyde.
Hyde, George J., Brooklyn, assignor to Firearms Research Corporation, New York, N. Y. Firearm. 2,407,157; Sept. 3.
Hyde, Herschel Y.: *See*—
Viland, Clare K., and Hyde.
Hyde, James F., assignor to Corning Glass Works, Corning, N. Y. Lubricant. 2,410,346; Oct. 29.
Hyde, James F., assignor to Corning Glass Works, Corning, N. Y. Methyl silicon halides and their production. 2,413,049; Dec. 24.
Hyde, James F., assignor to Corning Glass Works, Corning, N. Y. Alkyl silicon chlorides and their preparation. 2,413,050; Dec. 24.
Hyde Manufacturing Company, assignee: *See*—
Soldani, Albert.
Hydraulic Brake Company, assignee: *See*—
Katz, Donald L., and Esterer.
La Brie, Ludger E.
Hydraulic Control Engineering Company, assignee: *See*—
Stephens, William T.
Hydraulic Development Corp., Inc., The, assignee: *See*—
Ashbaugh, Bernard D.
Ernst, Walter.
Flowers, Paul E.
Hubbert, Leslie S.
Kaser, Robert A.
MacMillin, Howard F., and Pocock.
MacMillin, Howard F., Ernst, and Waldie.
Muller, Johan A.
Summers, Otto M.
Tucker, Warren R.
Tucker, Warren R., and Waldie.
Youngblood, Don C., and Ashbaugh.
Hydraulic Impact Tool Company, assignee: *See*—
Warren, Charles F., and Kuehn.
Hydro Mfg. Co. Inc., assignee: *See*—
Wallen, Loran O.
Hydro-Blast Corporation, assignee: *See*—
Luce, Roy L.
Hydrojet Corporation, assignee: *See*—
Boeckeler, Benjamin C.
Hygrade Sylvania Corporation, assignee: *See*—
Mueller, William P., and Kiser.
Hyland, William A., assignor to The Van Brunt Manufacturing Company, Horicon, Wis. Grain drill. 2,391,975; Jan. 1.
Hyle, Jacob, A.: *See*—
Wickersham, Charles L., and Hyle.
Hyler, Loiell L.: *See*—
Peterson, Oscar R., and Hyler.
Hylton, Henry: *See*—
Schmid, Paul, and Hylton.
Hyman, Benjamin, Moline, Ill., assignor to International Harvester Company. Harvester construction. 2,399,740; May 7.

Hyman, Henry, assignee: *See*—
Lang, M., and Dam.
Muldoon, Bernard F.
Hyman, Julius, and C. F. Peters, assignors to Velsicol Corporation, Chicago, Ill. Production of alphanaphthoquinones. 2,402,226; June 18.
Hyman, Mark, Jr., assignor to Polaroid Corporation, Cambridge, Mass. Methacrylic ester and copolymers thereof. 2,404,292; July 16.
Hyman, Mark, Jr., assignor to Polaroid Corporation, Cambridge, Mass. Mold for use in the manufacture of optical elements. 2,407,280; Sept. 10.
Hymans, Frederick, Larchmont, assignor to Otis Elevator Company, New York, N. Y. Governor. 2,402,285; June 18.
Hyre, Warren, Clearwater, Fla. Form aligner. Re. 22,799; Oct. 8.
Hysko, John L., Union, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Radio receiving system. 2,401,355; June 4.
Hysler, John F., Mount Vernon, N. Y., assignor to Ward Leonard Electric Company. Electric controlling apparatus. 2,396,851; Mar. 19.
Hyster Company, assignee: *See*—
Shoemaker, Robert C.
Hytron Corporation, assignee: *See*—
Corson, Bayard R.
Rines, Albert H., Hardy, and O'Keefe.
I. T. E. Circuit Breaker Company, assignee: *See*—
Bohn, Donald I.
Graves, Herbert C., Jr.
Jensen, Otto.
Schymik, Walter H.
Scott, William M., Jr.
Ibach, Gerald A., Borger, Tex., and C. C. Tate, Okmulgee, Okla., assignors to Phillips Petroleum Company. Treatment of fluorine-containing hydrocarbon mixtures. 2,412,220; Dec. 10.
Iborra, Miguel M., assignor to Fonoband Sociedad Anonima Fonoimpresiones Sobre Bandas de Papel, Buenos Aires, Argentina. Horizontally and vertically adjustable photoelectric sound head. 2,413,051; Dec. 24.
Ice, James N., assignor to Riverside Steel Company, Wheeling, W. Va. Bottle carrier. 2,404,133; July 16.
Ideal Clamp Manufacturing Co., Inc., assignee: *See*—
Zaleske, Michael J.
Ideal Industries, Inc., assignee: *See*—
Schinske, William G.
Ideal Novelty & Toy Co., assignee: *See*—
Baggott, Edmund W.
Ideal Roller & Manufacturing Company, assignee: *See*—
Lippincott, Wells A.
Ielfield, Fred C., assignor to Silver Creek Precision Corporation, Silver Creek, N. Y. Cereal cutter. 2,406,773; Sept. 3.
Ifield, Richard J., Birmingham, England, assignor to Joseph Lucas, Limited. Liquid fuel supply device for use with internal-combustion prime movers. 2,406,296; Aug. 20.
Ifield, Richard J., Ealing, London, assignor to Joseph Lucas Limited, Birmingham, England. Fuel pump governor. 2,407,013; Sept. 3.
Ifield, Richard J., Solihull, Birmingham, and W. E. W. Nicolls, Ealing, London, W. 5, assignors to Joseph Lucas Limited, Birmingham, England. Variable output pump. 2,403,371; July 2.
Ihsen, Hulda M., Allentown, Pa., assignor to Charis Corporation. Foundation garment. 2,413,502; Dec. 31.
Ilch, Theodore E., Hempstead, N. Y., assignor to United States Plywood Corporation. Making plywood tubing. 2,411,542; Nov. 26.
Iler, Ralph K., Cleveland Heights, and J. S. Kirk, Seven Hills Village, Ohio, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Silicic acid compositions. 2,408,655; Oct. 1.
Ilford Limited, assignee: *See*—
Collins, Ronald B., and Miller.
Harrison, Geoffrey B., Hercock, and Horner.
Hart, John A. H., and Lee.
Kendall, John D.
Kendall, John D., and Edwards.
Kendall, John D., and Fry.
Kendall, John D., Fry, and Brooks.
Waller, Cecil, Collins, and Dodd.
Iglehart, Ferdinand C.: *See*—
Young, William G., and Iglehart.
Iglehart, Ferdinand C., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Contactor. 2,397,113; Mar. 26.
Ihle, Orden E., North Hollywood, Calif. Molded plastic shoe. 2,402,227; June 18.
Ihrig, Clifford D., Edgewood, assignor to The Union Switch and Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,395,664; Feb. 26.
Iler, Ralph K.: *See*—
Fernald, Herbert B., and Iler.
Iler, Ralph K., East Cleveland, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing chlorine. 2,401,644; June 4.
Iler, Ralph K., Cleveland Heights, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical processes and products. 2,401,645; June 4.
Iler, Ralph K., Cleveland Heights, Ohio, G. H. Latham, Wilmington, Del., and J. W. Robinson, Lakewood, Ohio, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Modified alkyd resins. 2,395,550; Feb. 26.
Iliffe, George, Llandaff, Cardiff, Wales. Piston ring. 2,412,734; Dec. 17.
Illinois Glove Company, assignee: *See*—
Shmikler, Joseph.
Illinois Lock Company, The, assignee: *See*—
Gray, Raymond K., and R. L.
Illinois Powder Manufacturing Company, assignee: *See*—
Adolph, Norman W.
Martin, Richard.
Illinois Steel Corporation, assignee: *See*—
Urban, Stephen F.
Illinois Tool Works, assignee: *See*—
Crowther, Edmond C.
Poupitch, Ouglјesa J.
Illmer, Louis, Cortland, N. Y. Automatic reel reversing control for grinder machines. 2,396,852; Mar. 19.
Imber, Jack, Greenford, England. Aerial bombs, pyrotechnic devices and the like. 2,411,432; Nov. 19.
Imbert, Roger: *See*—
Anzionnaz, René, and Imbert.
Imelmann, Henry L., assignor to Permo Products Corporation, Chicago, Ill. Phonograph stylus. 2,399,035; Apr. 23.
Imhof, Herman A., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Lasting machine. 2,404,497; July 23.
Imm, Lewis W., Glendale, Calif. Multiplying mechanism. 2,394,181; Feb. 5.
Imm, Lewis W., Glendale, assignor to Librascope, Incorporated, Burbank, Calif. Power computer. 2,394,180; Feb. 5.
Immel, Ralph B.: *See*—
Pierce, Lawrence, and Immel.
Immel, Ralph B., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Timing relay. 2,397,181; Mar. 26.
Immel, Ralph B., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Adjustable time limit device. 2,406,377; Aug. 27.
Immel, Ralph B., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Vibratory latching device. 2,406,378; Aug. 27.
Immenschuh, William T., Le Mesa, assignor to The Ryan Aeronautical Co., San Diego, Calif. Cockpit enclosure releasing mechanism. 2,401,076; May 28.
Immerman, David, Cleveland Heights, Ohio. Visual aid device for relative movement. 2,400,149; May 14.
Imperial Brass Manufacturing Company, assignee: *See*—
Daniels, John J.
Franck, George E.
Imperial Chemical Industries Limited, assignee: *See*—
Ainley, Arthur D., and Davies.
Baird, William, Habgood, Harper, and Hendry.
Baldwin, Alfred W., Cusa, and Worthington.
Boon, William R.
Broadbent, W., and Rose.
Broadhurst, Harold M.
Brookman, Earnest F., and Smith.
Buckley, Gerard D.
Charlton, William, Jarrett, and Walker.
Clarke, Lionel W. W., and Byrne.
Cowdrey, William A., and Murray.
Edwards, George E.
Evans, William J. R.
Fajans, Edgar.
Garner, Philip J.
Goodings, Eric P., and Rogers.
Gudgeon, Herbert and Hill.
Haddock, Norman H.
Holroyd, Ronald, and Peel.
Horsley, George F.
Huebner, Denis W., and Fearey.
James, Hector G.
Jones, David G., and Phillipson.
Kirkbride, Frederick W.
Levy, Norman.
Lowe, Arthur, and Robson.
McGill, John H.
McLean, Andrew.
Mendoza, Mordecai, and Rogers.
Miles, Frank D., and Jackson.
Myles, James R., and Jones.
Rogers, Maurice A. T.
Shakesby, Leonard, and Smith.
Shakesby, Leonard, Sutherland, and Smith.
Short, Nancy.
Smith Sydney H.
Speakman, John B., and Barr.
Stammers, Douglas W.
Tanner, Charles C.
Taylor, James, and Davidson.
Thomson, Thomas.
Walmesley, Robert A., and Davis.
Whetstone, John.
Whitworth, Edward, Thomson, and Wark.
Williams, Vernon H., and Wright.
Wright, Harold R., and Taylor.

Imperial Trust for the Encouragement of Scientific and Industrial Research, The, assignee: *See*—
Walls, Leslie P.
Imshaug, Henry: *See*—
Eppenbach, Edwin G., and Imshaug.
Fisher, Leslie C., and Imshaug.
Independent Lock Company, assignee: *See*—
Falk, Morris.
Independent Pneumatic Tool Co., assignee: *See*—
Forss, Frithiof P.
Gillerstrom, Hilmer.
Mitchell, Walter G.
Indge, Herbert S., Westboro, Mass., assignor to Norton Company, Worcester, Mass. Cam lapping machine. 2,406,689; Aug. 27.
Indge, Herbert S., and G. E. Hulbert, Westboro, Mass., assignor to Norton Company, Worcester, Mass. Lapping machine. 2,406,690; Aug. 27.
Indian Motocycle Company, assignee: *See*—
du Pont, Stephen.
Indiana Steel Products Company, The, assignee: *See*—
McKibben, Wayne E.
Indiana Steel & Wire Company, assignee: *See*—
Burns, Richard H.
Induction Heating Corp., assignee: *See*—
Kohler, Fred.
Rudd, Wallace C.
Stanton, Robert J.
Stevens, Nelson B.
White, Melbourne F.
Industrial Brownhoist Corporation, assignee: *See*—
Taylor, Ernest W., and Nielsen.
Industrial Patents Corporation, assignee: *See*—
Black, Howard C.
Black, Howard C., and Overley.
Brown, Leo C.
De Beaukelaer, Frank L.
Gunther, James K.
Henney, Grover R., and Johnson.
Ingle, James D.
Lofdahl, Lyle J.
Phelps, Guy W., and Black.
Prohaska, James J.
Scott, Everette C., and Parsons.
Strenitz, Maurice.
Vinsant, Granville F.
Walter, Charles T., and Newton.
Young, Harland H., and Rubinstein.
Young, Harland H., and Spitzmueller.
Industrial Rayon Corporation, assignee: *See*—
Alling, William M.
Corey, Lorin A.
Epstein, Moses P., and Barton.
Kline, Hayden B., Fryer, and MacLaurin.
MacLaurin, Robert D.
McLellan, Kenneth M.
Industrial Research Laboratories, Ltd., assignee: *See*—
Hahn, Otto W.
Industrial Tape Corporation, assignee: *See*—
Buckley, Donald J.
Priepke, Rudolf J., Emigh, and Pike.
Inert Gas Equipment, Inc., assignee: *See*—
Willenborg, Walter J.
Infilco Incorporated, assignee: *See*—
Behrman, Abraham S.
Gustafson, Hilding B.
Gustafson, Hilding B., and Kominek.
Gustafson, Hilding B., and Paley.
Hesler, James C.
McBride, George A.
Ingalls, David, Westfield, N. J. Coupling radio shielded ignition harness. 2,402,050; June 11.
Ingalls, David, Westfield, assignor to Titeflex, Inc., Newark, N. J. Radio shielded spark plug lead. 2,402,049; June 11.
Ingalls, David, Westfield, and J. W. Hamilton, Montclair, assignors to Titeflex, Inc., Newark, N. J. Ignition distributor radio shield. 2,393,538; Jan. 22.
Ingalls, Ross D., Scotch Plains, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Cooling means for dynamoelectric machines. 2,394,517; Feb. 5.
Ingalls, Willis A., assignor to Tompkins Bros. Co., Syracuse, N. Y. Stop motion device. 2,402,816; June 25.
Ingersoll, Homer H., assignor to Kalasign Company of America, Kalamazoo, Mich. Centrifugal pump. 2,399,548; Apr. 30.
Ingersoll Milling Machine Company, The, assignee: *See*—
Kaiser, Karl B.
Ingersoll, Nelson, Jr., assignor to Harry A. Kadau, San Diego, Calif. Duplicating flask for dental models. 2,397,264; Mar. 26.
Ingersoll-Rand Company, assignee: *See*—
Allen, Roy O.
Doyle, Frank B.
Hulshizer, George W.
Plummer, John F., Jr.
Reynolds, Harold C.
Ingle, James D., assignor to Industrial Patents Corporation, Chicago, Ill. Whitening eggs. 2,413,631; Dec. 31.
Inglis, Alfred H., Upper Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Submarine signal device. 2,405,210; Aug. 6.
Inglis, John, assignor of one-half to Clyde Paper Company Limited, Rutherglen, Scotland. Paper stock disintegrator. 2,394,182; Feb. 5.
Ingouf, Robert J. A., and J. H. Lewis, assignors to Blue Ridge Glass Corporation, Kingsport, Tenn. Gauge. 2,409,864; Oct. 22.
Ingres, Jeannot G., Detroit, Mich., assignor to Automatic Shifters, Inc., Richmond, Va. Vehicle brake mechanism. 2,395,223; Feb. 19.
Ingres, Jeannot G., Detroit, Mich., assignor to G. T. Smith and E. G. Hill, Richmond, Va., trustees. Airplane pickup mechanism. 2,401,248; May 28.
Ingwer, Max, New York, and W. W. Schwartz, Jackson Heights, assignors to Consolidated Sewing Machine & Supply Co., Inc., New York, N. Y. Needle threader. 2,411,686; Nov. 26.
Inhoffen, Hans H.: *See*—
Schoeller, Walter, Inhoffen, Steinruck, and Höss.
Inhoffen, Hans H., Berlin-Wilmersdorf, Germany, assignor to Schering Corporation, Bloomfield, N. J. Hydroxylated cyclopentano polyhydrophenanthrene compounds and method of making the same. 2,409,043; Oct. 8.
Inlaid Optical Corporation, assignee: *See*—
Swanson, Rudolph E.
Inland Steel Company, assignee: *See*—
Hailey, James W.
Inland Steel Container Company, assignee: *See*—
Brewton, Robert L.
Inman, Clark H., Lakewood, N. J. Apparatus for cleaning eggs and the like. 2,408,648; Oct. 1.
Inoue, Ryohei: *See*—
Kajita, Toshiji, and Inoue.
Insoll, Edward T., Chicago, Ill. Stacking box. 2,410,216; Oct. 29.
Inspiration Consolidated Copper Company, assignee: *See*—
Mason, William C.
Institute of Paper Chemistry, The, assignee: *See*—
Van den Akker, Johannes A.
Insulated Windows, Inc., assignee: *See*—
Barrowclough, William V.
Integrated Mica Corporation, assignee: *See*—
Heyman, Moses D.
Interchemical Corporation, assignee: *See*—
Ash, Harry K.
Bernardi, Dominic J., and Florence.
Fisher, Earl K.
Gans, David M.
Goepfert, Werner F.
Grupe, William F.
Jones, Wilbur L., and De Lia.
Lee, Ernest D.
Massarene, James S.
Ransom, Olive S., and Zucker.
Selden, George.
Whyzmuzis, Paul, and Linkletter.
Wickwire, Arthur M., Jr.
Wilson, Edwin A., and Newman.
Interior, United States of America, as represented by the Secretary of, assignee: *See*—
Breton, Ernest J., and Waggaman.
Clemmer, Julius B., and Clemmons.
Clemmer, Julius B., and Rampacek.
Fene, William J., and Freas.
Gibbs, Harold L., and Snedden.
Nisewanger, Carrol R., and Brown.
Interior, United States of America, as represented by the Secretary of the, assignee: *See*—
Havens, Richard.
International Business Machines Corporation, assignee: *See*—
Ambrosio, Biagio F.
Beattie, Horace S., and David.
Blakely, Robert T.
Blodgett, Edwin O.
Brand, Samuel, and Cunningham.
Brand, Samuel, and Klotz.
Bryce, James W.
Corbett, Lawrence B.
Daly, George F., and Phillips.
Dickinson, Arthur H.
Dilling, Marion R.
Doty, Charles R.
Flehl, Michael.
Fitch, Clyde J.
Ford, Eugene A.
Fuller, Frederick L.
Johnson, Reynold B.
Kavanagh, Joseph A.
King, Benjamin F.
Lake Clair D.
Lake, Clair D., and Hamilton.
Lake, Clair D., Hamilton, and Durfee.
Leathers, Ward.
Leathers, Ward, and Haddad.
Luhn, Hans P.
Maslin, Robert M.
Mills, Albert W., Furman, and Rabenda.
Nichol, Frederick W.
Paris, Robert E.
Platt, Donald R., and Gray.
Platt, Donald R., and Jackoski.
Platt, Donald R., and Unterschutz.

International Business Machines Corporation, assignee: *See*—Continued
Plym, Lester M.
Rabenda, Edward J.
Rabenda, Edward J., and Furman.
Rabenda, Edward J., and Klatner.
Rast, Frederick Q.
Ross, John D.
Schneider, Kurt R.
Tholstrup, Henry L.
Von Reppert, Richard.
Watson, Arthur K., Lewis, and Walsh.
Watson, Thomas J.
Whetstone, Irene B.
Wilkerson, Victor O.
International Cellucotton Products Company, assignee: *See*—
Fourness, Charles A., and Harwood.
International Cigar Machinery Company, assignee: *See*—
Bechman, William O., Land, and Acton.
Crumb, Charles F.
Hall, John R.
Halstead, John F.
Hitchcock, Rex B., and Hilblom.
Wheeler, Henry H.
International Detrola Corporation, assignee: *See*—
Higham, William W.
International Furnace Equipment Company, The, assignee: *See*—
Acton, Russel D.
Acton, Russel D., and Krieg.
Avila, Frank W.
Bailly, Leon.
Baker, David B., and Bechman.
Baker, David B., and Hagen.
Callahan, Thomas L., and Weaver.
Dewey, Frederick L.
Dickow, Frederick P.
Erminger, Durward B.
Evans, Arthur G.
Graham, William S.
Hagen, Clarence R.
Hall, John R.
Hilblom, Samuel E.
Hitchcock, Rex B., and Hilblom.
Hitchcock, Rex B., and Seeber.
Huddle, Edwin F.
Hyman, Benjamin M.
Johnson, Arnold E. W., and Orelind.
Kakpke, Lee H., and Smith.
Laymon, Vaughn J.
Leisinger, John H., and Foley.
McNamara, Gordon G., Jr.
Messenger, Robert P., and Acton.
Messenger, Robert P., Johnson, and Schmied.
Mitchell, Melville J.
Morkoski, James.
Mott, Carl W.
Pool, Stuart D., and Downing.
Raney, Russell R.
Rietz, Edward L.
Rogers, Clifford R., Bechman, and Ziskal.
Rosenthal, William C., and Hubert.
Scarlett, Arthur A.
Schmied, William F.
Slavicek, George.
Smith, Lewis E.
Tomik, George A.
Welty, Albert B.
International Harvester Company, assignee: *See*—
Aasland, John L.
Johnson, Arnold E. W.
Raney, Russell R.
International Lubricant Corporation, assignee: *See*—
Fraser, Harold M.
International Mechanite Metal Company Limited, The, assignee: *See*—
Currie, Eric M.
International Minerals & Chemical Corporation, assignee: *See*—
Butt, Charles A., Hallman, Bowden, Whitlow and Pace.
Lundin, Harald.
Manning, Paul D. V.
International Nickel Company, Inc., The, assignee: *See*—
Bieber, Clarence G., Franke, and Sumpter.
Gagnebin, Albert P., and Wise.
Garrow, John W.
Carter, Joseph E., and Gensler.
Hudson, Frank.
Huston, Frederick P., Burrows, and Lawson.
Pfeil, Leonard B.
Renzoni, Louis S.
Tschop, Harry E.
Wise, Edmund M., and Vines.
International Paper Box Machine Company, The, assignee: *See*—
Labombarde, Harold S.
Maxim, William D., and Hutchins.
International Plastic Harmonica Corporation, assignee: *See*—
Magnus, Finn H.
International Products Company, assignee: *See*—
Johannes, Dana B., Jr.
International Register Company, assignee: *See*—
Gallagher, William P.
Marsten, Jesse.
International Safety Lock Nut Corporation, assignee: *See*—
Sherman, Vernon W., and Ketchem.
International Salt Company, Incorporated, assignee: See—
Kaufmann, Dale W.
International Shoe Company, assignee: *See*—
Manahan, Thomas M.
International Smelting & Refining Company, assignee: *See*—
Shropshire, William W.
International Standard Electric Corporation, assignee: *See*—
Bagwell, Omar C.
Beatty, William A., and Houghton.
Bowsher, Edward A. H.
Bowsher, Edward A. H., d'Assis-Fonseca, and Ward.
Brigham, Cecil E.
Busignies, Henri G.
Buss, Robert R.
Capen, William H.
Chatterjea, Prafulla K., and Scully.
Chevigny, Georges P., and Busignies.
D'Assis-Fonseca, Harold M. M., and Ward.
Deakin, Gerald.
Deakin, Gerald, and McLarn.
Deloraine, Edmond M.
Eyre, Charles M. L. G., and Gilderdale.
Fremlin, John H.
Goodchild, Frank D.
Grace, Bertram B., Handley, and Gilliver.
Handley, John
Hardy, René J.
Hodgson, Kenneth G.
Kelly, Richard.
Labin, Emile.
Lee, Edwin C.
Lehman, Gerard J.
Leno, John A., and Stray.
Levy, Maurice M., and Elliott.
Litton, Charles V.
Maddock, Alan J.
Martin, Norman H.
McLarn, Ernest S.
New, Archibald A.
Robertson, James S. P., and Gayford.
Roche, Alleman H., and Kidner.
Scott, Thomas R., and Lee.
Scully, Charles T.
Smyth, Charles N.
Stansfield, Richard.
Towner, Stanley H., and Childs.
Webb, John K.
Willoughby, Eric O.
International Transparency Company, The, assignee: *See*—
Laws, Arthur J.
International Vehicular Parking, Ltd., assignee: *See*—
Herschede, Walter J., W. F., and Woodruff.
Inter-Seal Corporation, assignee: *See*—
Greene, Edgeworth.
Interstate Aircraft and Engineering Corp., assignee: *See*—
Roberts, Fred T., Jr.
Interstate Bakeries Corporation, assignee: *See*—
Cohen, Morris, and Jorgenson.
Jones, Ap T.
Intertype Corporation, assignee: *See*—
Freund, Herman R., and Youngquist.
Mount, Wadsworth W.
Interval Instruments, Inc., assignee: *See*—
Rieber, Frank.
Veritch, Harold J.
Invex Corporation, assignee: *See*—
Craig, Palmer H.
Invex Inc., assignee: *See*—
Craig, Palmer H.
Iowa State College Research Foundation, assignee: *See*—
Stewart, Meredith M.
Ipatieff, Vladimir N.: *See*—
Haensel, Vladimir, and Ipatieff.
Linn, Carl B., and Ipatieff.
Pines, Herman, and Ipatieff.
Schmerling, Louis, and Ipatieff.
Ipatieff, Vladimir, and H. Pines, Riverside, assignors to Universal Oil Products Company, Chicago, Ill. Production of isobutane. 2,392,924; Jan. 15.
Ipatieff, Vladimir N., and H. Pines, Riverside, assignors to Universal Oil Products Company, Chicago, Ill. Destructive hydrogenation of polycyclic hydrocarbons. 2,394,691; Feb. 12.
Ipatieff, Vladimir N., and H. Pines, Riverside, assignors to Universal Oil Products Company, Chicago, Ill. Conversion of dicyclic dihydroterpenes to cyclopentene hydrocarbons and pentamethylene hydrocarbons. 2,399,741; May 7.
Ipatieff, Vladimir N., and H. Pines, Riverside, assignors to Universal Oil Products Company, Chicago, Ill. Production of diolefinic hydrocarbons by reaction of an alcohol with an acetylenic hydrocarbon. 2,410,445; Nov. 5.

Ipatieff, Vladimir N., and L. Schmerling, assignors to Universal Oil Products Company, Chicago, Ill. Catalysts. 2,402,051; June 11.

Ipatieff, Vladimir N., and G. S. Monroe, Riverside, assignors to Universal Oil Products Company, Chicago, Ill. Isomerizing mono-olefins. 2,403,439; July 9.

Ipatieff, Vladimir N., and G. S. Monroe, Riverside, assignors to Universal Oil Products Company, Chicago, Ill. Production of toluene. 2,404,498; July 23.

Irasek, Eugene H., Bethesda, Md. Ammunition feed box. 2,401,762; June 11.

Iredale, John A., Montreal, Quebec, Canada. Manufacture of graded shoe lasts. 2,394,780; Feb. 12.

Ireland, Murray: *See*—
Gomersall, John R., and Ireland.

Irmischer, Paul H., Chicago, Ill. Lighting apparatus. 2,406,223; Aug. 20.

Irmscher, Hans O., East Hempstead, Long Island, N. Y., assignor to National Urn Bag Co. Inc. Conveyer mechanism. 2,399,228; Apr. 30.

Irmscher, Hans O., East Hempstead, Long Island, assignor to National Urn Bag Co., Inc., Long Island City, N. Y. Manufacturing infusion packages. 2,406,018; Aug. 20.

Iron Fireman Manufacturing Company, assignee: *See*—
Wright, Richard C.

Irvine, Fergus A., and E. Frederick, Jr., New Orleans, La., assignors to The Celotex Corporation, Chicago, Ill. Molded product and making. 2,402,554; June 25.

Irving, George W., Jr., A. L. Merrifield, R. S. Burnett, and E. D. Parker, New Orleans, La., assignors to the United States of America, as represented by Claude R. Wickard, Secretary of Agriculture, and his successors in office. Recovering peanut protein. 2,405,830; Aug. 13.

Irving, John S., and T. K. Mace, Birmingham, England. Vehicle brake. 2,395,551; Feb. 26.

Irving, Norman B., Philadelphia, Pa. Skid brake. 2,404,443; July 23.

Irwin, Carl F.: *See*—
Perkins, Melvin A., and Irwin.

Irwin, Justus C., Minneapolis, assignor to Wright Products, Inc., St. Paul Park, Minn. Door latch. 2,410,347; Oct. 29.

Isaac, Joseph: *See*—
Smith, Fred J., and Isaac.

Isaac, Leo A., Portland, Oreg. Money receptacle. 2,392,533; Jan. 8.

Isaacson Iron Works, assignee: *See*—
Elliott, Burr B.

Isaak, Albert F., Cedar Falls, Iowa. Garment hanger. 2,412,735; Dec. 17.

Isakson, Stig, assignor of one-half to G. W. Schumacher, Portland, Oreg. Scaffolding device. 2,413,569; Dec. 31.

Isbister, Eric J.: *See*—
Antony, Charles, Jr., and Isbister.

Iseki, Takeshi, Toyonaka, Japan; vested in the Alien Property Custodian. Manufacturing built-up permanent magnets. 2,392,592; Jan. 8.

Isenberg, Hans D., Wilmette, Ill. Air-space insulated conductor. 2,395,872; Mar. 5.

Isenberg, Sampson, assignor to General Luminescent Corporation, Chicago, Ill. Producing luminescent material. 2,397,666; Apr. 2.

Isenberg, Sampson, and R. Hultgren, assignors to General Luminescent Corporation, Chicago, Ill. Production of luminescent dials. 2,395,185; Feb. 19.

Isenberg, Solon, New York, N. Y., assignor of one-half to N. Shapiro, Philadelphia, Pa. Novelty carton. 2,396,010; Mar. 5.

Isermann, Samuel, Tucson, Ariz., and E. Ohlsson, Short Hills, N. J. Agents for protecting against light of short wave length. 2,395,665; Feb. 26.

Isler, Otto: *See*—
Karrer, Paul, and Isler.

Isler, William, Cleveland Heights, Ohio. Transferring loads to industrial trucks. 2,394,692; Feb. 12.

Isom, Langley W., Belmont, and E. E. Habib, Arlington, assignors to Dewey and Almy Chemical Company, North Cambridge, Mass. Balloon valve. 2,403,801; July 9.

Isserstedt, Siegfreid G., Toronto, Ontario, Canada. Blind. 2,407,554; Sept. 10.

Isserstedt, Siegfried G., Toronto, Ontario, Canada, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Burner control mechanism. 2,398,008; Apr. 9.

Issigonis, Alexander A., assigner to Morris Motors Limited, Cowley, Oxford, England. Vehicle seat mounting. 2,396,511; Mar. 12.

Isthmian Metals, Inc., assignee: *See*—
Whitney, Lyman F.

Itscovich, Maxwell M., Chicago, Ill. Tire. 2,400,047; May 7.

Ittner, Martin H., assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Manufacture of soap. 2,403,925; July 16.

Ivano, Inc., assignee: *See*—
Curtis, Fred W.

Ivanovic, Nicholas, Philadelphia, Pa. Blast deflector and gun installation. 2,402,632; June 25.

Ivers-Lee Company, assignee: *See*—
Salfisberg, Leroy L.

Iverson, John O., assignor to Universal Oil Products Company, Chicago, Ill. Isomerization of hydrocarbons. 2,402,817; June 25.

Iverson, John O., assignor to Universal Oil Products Company, Chicago, Ill. Isomerization of saturated hydrocarbons. 2,402,818; June 25.

Iverson, John O., assignor to Universal Oil Products Company, Chicago, Ill. Isomerization of hydrocarbons. 2,404,499; July 23.

Iverson, John O., assignor to Universal Oil Products Company, Chicago, Ill. Hydrogen fluoride alkylation process. 2,408,933; Oct. 8.

Iversen, Lorenz, assignor to Mesta Machine Company, Pittsburgh, Pa. Metal shear. 2,400,996; May 28.

Ives, Herbert R.: *See*—
Lee, Thomas F., and Ives.

Iveson, Herbert T.: *See*—
Julian, Percy L., and Iveson.

Ivins, Barbara: *See*—
Burchell, Fford, and Ivins.

Ivy, Joe G., Forest Hills, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control system. 2,412,888; Dec. 17.

J & J Tool & Machine Co.: *See*—
Junkunc, Bela B.

J & S Tool Co., assignee: *See*—
Jakobsen, Harry S.

Jaberg, Howard A., Cincinnati, Ohio. Electrical equipment. 2,410,287; Oct. 29.

Jablin, Irving, Brooklyn, N. Y. Bottom rail for Venetian blinds. 2,402,894; June 25.

Jablin, Irving, Brooklyn, N. Y. Venetian blind. 2,412,583; Dec. 17.

Jablonsky, Bruno, Waddon, Croydon, England. Manufacturing articles from fibrous material. 2,407,833; Sept. 17.

Jack, Delbert E., and D. Augsburger, assignors to The Duriron Company, Inc., Dayton, Ohio. Heat exchanger. 2,405,256; Aug. 6.

Jack & Heintz, Inc., assignee: *See*—
Bousky, Samuel.
Butchko, Paul S.
Carlson, Bert G.
Heintz, Ralph M., Steigerwald, and Cahill.
Neff, Joseph J.

Jack & Heintz Precision Industries, Inc., assignee: *See*—
Bousky, Samuel.
Cahill, Lysle D., Neff, and Frampton.
Carlson, Bert G.
Gregg, Jonas F.
Grubbs, David S.
Heintz, Ralph M.
Kallster, Frank B., Stafford, and Konyvka.
Martin, Boyd G.
Mitchell, Louis J.
Scofield, Philip F.
Seme, John J.
Squire, Robert C.

Jack, Joe F., Arcadia, Calif. Dry firing cartridge. 2,405,308; Aug. 6.

Jackel, Arthur P., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Transmitting apparatus for remote control systems. 2,393,377; Jan. 22.

Jackel, Arthur P., Penn Township, Allegheny County, assignor to The Union Switch & Signal Company, Swissvale, Pa. Remote control system. 2,411,375; Nov. 19.

Jackes-Evans Manufacturing Company, assignee: *See*—
Jackes, Franklin R., and Strano.

Jackes, Franklin R., Ladue, and S. Strano, assignors to Jackes-Evans Manufacturing Company, St. Louis, Mo. Stovepipe. 2,393,168; Jan. 15.

Jackman, Peter J., New York, N. Y. Speed micrometer. 2,403,285; July 2.

Jackoski, Charles S.: *See*—
Platt, Donald R., and Jackoski.

Jackson, Albert S.: *See*—
Duncan, Donald M., Wright, Jackson, and Heyne.

Jackson, Alexis, Westport, Conn., assignor to V. S. Makaroff, New York, N. Y. Lifting jack. 2,404,577; July 23.

Jackson, Alfred L., New York, N. Y. Wall structure for buildings and the like. 2,412,404; Dec. 10.

Jackson, Arch R., Bridgeport, Conn. Collapsible child's cart. 2,395,275; Feb. 19.

Jackson, Arthur L.: *See*—
Polak, James J., and Jackson.

Jackson, Arthur L., West Asheville, and J. K. Whisnant, assignors to American Enka Corporation, Enka, N. C. Method and apparatus for use in the manufacture of synthetic threads. 2,412,403; Dec. 10.

Jackson, Arthur R., Mill Hill, England. Aircraft having moving airfoil or wing. 2,408,649; Oct. 1.

Jackson, Byron, Co., assignee: *See*—
Lundeen, Chester A.

Jackson, Carey B., Forest Hills, assignor to Mine Safety Appliances Company, Pittsburgh, Pa. Composition for purification of air and making same. 2,401,484; June 4.

Jackson, Carey B., Forest Hills, assignor to Mine Safety Appliances Company, Pittsburgh, Pa. Producing alkali metal oxides. 2,405,580; Aug. 13.

Jackson, Carey B., Forest Hills, J. H. Schneider, Ross Huntingdon Township, Westmoreland County, and W. P. Yant, assignors to Mine Safety Appliances Company, Pittsburgh, Pa. Breathing apparatus. 2,403,981; July 16.

Jackson, Chester C.: *See*—
Reed, Willie.

Jackson, Corwill, Ludington, Mich. Machine or apparatus for placing concrete pavements and the like. 2,396,426; Mar. 12.

Jackson, Corwill, Ludington, Mich. Permanent magnet field generator. 2,407,883; Sept. 17.

Jackson, Corwill, Ludington, Mich. Concrete placement apparatus. 2,413,632; Dec. 31.

Jackson, Donald R. P., Deptford, assignor to Molins Machine Company, Limited, London, England. Machine for boxing cartridges or other elongated articles. 2,400,695; May 21.

Jackson, Frederick R., Jr., Pittsfield, Mass., assignor to General Electric Company, Thermal protection of electric apparatus. 2,403,372; July 2.

Jackson, George P., Flushing, assignor to Combustion Engineering Company, Inc., New York, N. Y. Multiple retort stoker. 2,398,009; Apr. 9.

Jackson, George P., Flushing, and W. S. Patterson, Chappaqua, assignors to Combustion Engineering Company, Inc., New York, N. Y. Auxiliary air heater. 2,396,102; Mar. 5.

Jackson, George W., assignor to American Optical Company, Southbridge, Mass. Unblocking lenses. 2,399,679; May 7.

Jackson, George W., assignor to American Optical Company, Southbridge, Mass. Machine and method for edging articles. 2,404,844; July 30.

Jackson, George W., assignor to American Optical Company, Southbridge, Mass. Edging machine. 2,406,606; Aug. 27.

Jackson, George W., assignor to American Optical Company, Southbridge, Mass. Glass hardening. 2,409,284; Oct. 15.

Jackson, Harry: *See*—
Miles, Frank D., and Jackson.

Jackson, Henry L., White Plains, N. Y. Suspenders. 2,411,161; Nov. 19.

Jackson, Honel A., Detroit, Mich. Electrode holder. 2,410,164; Oct. 29.

Jackson, Horace G., Woodstown, N. J. Holder for bottles. 2,409,357; Oct. 15.

Jackson, Horace G., U. S. Navy. Sailmaker's palm. 2,411,880; Dec. 3.

Jackson Hydraulic Machine Co., Inc., assignee: *See*—
Jackson, Paul S.

Jackson, Jesse A., Pensacola, Fla. Pencil sharpener. 2,394,387; Feb. 5.

Jackson, John I., Norfolk, Va. Hand truck. 2,400,824; May 21.

Jackson, John M., Chicago, Ill., assignor to American Can Company, New York, N. Y. Preserving. 2,396,265; Mar. 12.

Jackson, Jules, New York, N. Y. Hair-grip pin. 2,403,601; July 9.

Jackson, Maurice M., and E. Hauser, assignors to The Vienna Model Bakery, Inc., Chicago, Ill. Bread and making the same. 2,412,154; Dec. 3.

Jackson, Paul S., assignor to Jackson Hydraulic Machine Co., Inc., Rockford, Ill. Toolhead for machine tools. 2,398,791; Apr. 23.

Jackson, Paul S., assignor to Jackson Hydraulic Machine Co., Inc., Rockford, Ill. Frame element for machine tools. 2,399,187; Apr. 30.

Jackson, Paul S., assignor to Jackson Hydraulic Machine Co., Inc., Rockford, Ill. Planer. 2,412,337; Dec. 10.

Jackson, Pearl M., Chicago, Ill. Self-squeezing mop. 2,406,950; Sept. 3.

Jackson, Sydney: *See*—
Chilcot, Arthur L., and Jackson.

Jackson, Thomas and T. B. Frearson, Spondon, near Derby, assignors to British Celanese Limited, London, England. Stretching of filaments or threads. 2,402,228; June 18.

Jackson, William I., Orange, Calif. Aircraft propeller. 2,411,271; Nov. 19.

Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Engine starter. 2,400,554; May 21.

Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Valve for internal combustion engine. 2,403,001; July 2.

Jacobs, James W., Dayton, Ohio, assignor to General Motors Corporation, Dayton, Ohio. Domestic appliance. 2,409,434; Oct. 15.

Jacobs, Joseph, New Orleans, La. Supporting board for playing solitaire and other games. 2,400,296; May 14.

Jacobs, Joseph J., Brooklyn, N. Y., assignor to American Lecithin Company, Cleveland, Ohio. Phosphatidic lubricant and making. 2,403,284; July 2.

Jacobs Manufacturing Company, The, assignee: *See*—
Stoner, Arthur M.

Jacobs, Philip F.: *See*—
Gorad, Samuel, and Jacobs.

Jacobsen Manufacturing Company, assignee: *See*—
Carlson, J. A. Edwin.
Krenzke, William F.

Jacobsen, Oystein, Montgomery County, assignor to The Duriron Company, Inc., Dayton, Ohio. Shaft seal. 2,408,314; Sept. 24.

Jacobsen, Oystein, Montgomery County, assignor to The Duriron Company, Inc., Dayton, Ohio. Shaft seal. 2,408,315; Sept. 24.

Jacobsen, Oystein, Montgomery County, assignor to The Duriron Company, Inc., Dayton, Ohio. Shaft seal. 2,406,123; Oct. 8.

Jacobsen, Walter J., assignee, et al.: *See*—
De Michel, Frank.

Jacobson, Carl H., Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. Cut film holder. 2,397,010; Mar. 19.

Jacobson, Egbert, assignor to Container Corporation of America, Chicago, Ill. Color chart system. 2,409,285; Oct. 15.

Jacobson, Franz, New York, N. Y. Rotary joint. 2,407,745; Sept. 17.

Jacobson, Hugo W.: *See*—
Bennett, Arthur F., and Jacobson.

Jacobson, Irving, Hollywood, Calif., and H. E. Smith, Rochester, N. Y., assignors to Graflex, Inc., Rochester, N. Y. Camera and light synchronizer. 2,406,691; Aug. 27.

Jacobson, James, Chicago, Ill. Load transfer unit. 2,401,763; June 11.

Jacobson, James H., Chicago, Ill. Load transference unit. 2,405,428; Aug. 6.

Jacobson, Julius A.: *See*—
Shirk, William C., J. A. and R. C. Jacobson, and Shirk.

Jacobson, Larry: *See*—
McMaster, Archie J., and Jacobson.

Jacobson, Leo, assignor of one-half to A. C. Kendig, Los Angeles, Calif. Alarm system. 2,399,229; Apr. 30.

Jacobson, Moses G.: *See*—
Yant, William P., Jacobson, and Strange.

Jacobson, Moses G., Pittsburgh, and R. E. Hartline, Swissvale, assignors to Mine Safety Appliances Company, Pittsburgh, Pa. Combustible gas indicator. 2,393,220; Jan. 15.

Jacobson, Raymond C.: *See*—
Shirk, William C., J. A. and R. C. Jacobson, and Shirk.

Jacobson, Walter V., Apponaug, assignor to Universal Winding Company, Cranston, R. I. Winding machine. 2,405,215; Aug. 6.

Jacobsson, Wilgot J.: *See*—
Hoffman, James A., Oldham, and Jacobsson.

Jacobsson, Wilgot J., Plainfield, J. A. Hoffman, Roselle, and S. R. Oldham, West Orange, N. J., assignors to The Linde Air Products Company. Ballout interlock connection. 2,397,265; Mar. 26.

Jacobus, Edward, East Orange, N. J. Thermostatic vent valve for radiators. 2,400,297; May 14.

Jacobus, John J., Town of Greece, assignor to General Railway Signal Company, Rochester, N. Y. Railway switch lock control system. 2,391,976; Jan. 1.

Jacoby, Henry J.: *See*—
Goodman, Robert, and Jacoby.

Jacquard Knitting Machine Co., Inc., assignee: *See*—
Sirmay, Julius.

Jaecker, John H., Massillon, and H. J. Findley, Shaker Heights, assignors to The Eaton Manufacturing Company, Cleveland, Ohio. Rolling mill. 2,394,183; Feb. 5.

Jaediker, George A., Rego Park, N. Y. Protractor for isometric drawings. 2,398,143; Apr. 9.

Jaeger, Alphons O.: *See*—
Ashley, Kenneth D., and Jaeger.

Jaeger, Clinton J., Sr.: *See*—
Hillard, Harry G., and Jaeger.

Jaeger, Jacob J., West Hartford, assignor to Niles-Bement-Pond Company, Hartford, Conn. Circuit for tracer controlled machines. 2,398,500; Apr. 16.

Jaeger Machine Company, assignee: *See*—
Mandt, Obert G.
Murphy, George M.

Jaeger Machine Company, The, assignee: *See*—
Barker, Eugene.
Bohmer, Clarence L., and Millikin.
Messana, Joseph, Jr.
Millikin, Arnold S.
Van Voorhis, William G.

Jaegle, William C., Plainview, Long Island, N. Y., assignor to H. Strahman, Sr., Livingston, N. J. Valve. 2,402,406; June 18.

Jaffa, William, Minneapolis, Minn. Mechanical toy. 2,397,266; Mar. 26.

Jager, Howard M., Oceanside, N. Y., assignor to Republic Aviation Corporation. Forming sheet metal. 2,395,831; Mar. 5.

Jager, Howard M., Oceanside, assignor to Republic Aviation Corporation, Farmingdale, N. Y. Forming sheet metal. 2,400,004; May 7.

Jager, Howard M., Oceanside, and E. Schenk, New York, N. Y., assignors to Republic Aviation Corporation. Forming sheet metal. 2,395,830; Mar. 5.

Jager, Howard M., Oceanside and E. Schenk, New York, N. Y., assignors to Republic Aviation Corporation. Forming sheet metal. 2,395,832; Mar. 5.

Jahn, Clarence M., Chicago, Ill., assignor to Firecraft Corporation. Adjustable hinge. 2,408,071; Sept. 24.

Jahn, Edward J.: *See*—
Lovell, Lawrence L.
Lovell, Lawrence L., and Jahn.

Jahn, Leroy B., Montevideo, Minn. Spring construction. 2,405,356; Aug. 6.

Jahnig, Charles E., Roselle, N. J., assignor to Standard Oil Development Company. Conversion of hydrocarbon oils. 2,407,371; Sept. 10.

Jahoda, Edward, assignor to W. M. Fuchs, Detroit, Mich. Printing process. 2,412,889; Dec. 17.

Jahoda, Edward, Detroit, and C. Wittenmyer, Mount Clemens, assignors to Walter M. Fuchs, Detroit, Mich. Printing process. 2,393,378; Jan. 22.

Jakeway, Gerald V., assignor to Keeler Brass Company, Grand Rapids, Mich. Hardware article. 2,402,407; June 18.

Jakobsen, Harry S., Harrison, assignor to J & S Tool Co., East Orange, N. J. Pivotal tool control. 2,400,825; May 21.

Jakobsen, Harry S., Harrison, assignor to J & S Tool Co., East Orange, N. J. Universal grinder head. 2,400,826; May 21.

Jalbert, Domina C., Belmont, assignor to Dewey and Almy Chemical Company, North Cambridge, Mass., a corporation of Massachusetts. Kite balloon. 2,398,744; Apr. 16.

Jalbert, Domina C., Belmont, assignor to Dewey and Almy Chemical Company, North Cambridge, Mass. Kite balloon. 2,398,745; Apr. 16.

James, Harold V., Denver, Colo. Tire casing vulcanizer. 2,406,498; Aug. 27.

James, Harold V., Denver, Colo. Tire retreading device. 2,411,687; Nov. 26.

James, Harold V., Denver, Colo. Tire tube repair plate. 2,412,736; Dec. 17.

James, Hector G., Birmingham, England, assignor to Imperial Chemical Industries Limited. Burning of sulphur. 2,395,483; Feb. 26.

James, Henry D.: *See*—
Gates, Henry S., and James.

James, Jules, U. S. Navy. Sight director. 2,404,379; July 23.

James Manufacturing Company, assignee: *See*—
Waterman, Arthur E.

James, Mark F., Atlanta, Ga. Textile loom sword. 2,398,144; Apr. 9.

James, Norman L., Ingersoll, Ontario, Canada. Snowplow. 2,408,857; Oct. 8.

James, Parker H., Indianapolis, Ind. Illuminated display case. Re. 22,735; Mar. 26.

James, Paul E., Mansfield, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Application of markings to surfaces. 2,403,084; July 2.

Jameson, Charles M., Battle Creek, Mich. Dog clutch. 2,405,698; Aug. 13.

Jameson, Ronald P., Christchurch, New Zealand. Fire detecting thermostat. 2,411,093; Nov. 12.

Jamestown Metal Equipment Company, Inc., assignee: *See*—
Conterman, Fred A.

Jamieson, Marcel, and L. Tremblay, Chicoutimi, assignors to Liquid Carbonic Canadian Corporation Limited, Montreal, Quebec, Canada. Label scraping attachment for bottle washing machines. 2,410,380; Oct. 29.

Jandasek, Joseph, Highland Park, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Fluid transmission. 2,393,470; Jan. 22.

Jandasek, Joseph, Highland Park, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Fluid transmission. 2,406,499; Aug. 27.

Jandasek, Joseph, Highland Park, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Fluid transmission. 2,407,496; Sept. 10.

Jandasek, Joseph, Highland Park, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Fluid transmission. 2,407,497; Sept. 10.

Jandasek, Joseph, assignor to Bendix Aviation Corporation, Detroit, Mich. Torque converter. 2,393,859; Jan. 29.

Jandus, Herbert S., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Brake lever assembly. 2,405,956; Aug. 20.

Janes, Robert B.: *See*—
Henderson, Joseph E., and Janes.

Janes, Robert B., Verona, N. J., assignor to Radio Corporation of America. Photoelectric electron multiplier. 2,401,734; June 11.

Janes, Robert B., Verona, and A. M. Glover, East Orange, N. J., assignor to Radio Corporation of America. Manufacturing photoelectric tubes. 2,401,735; June 11.

Janes, Robert B., Verona, N. J., assignor to Radio Corporation of America. Phototube and manufacture. 2,401,736; June 11.

Janes, Robert B., Verona, N. J., assignor to Radio Corporation of America. Phototube and manufacture. 2,401,737; June 11.

Janes, Russell G., La Grange, Ill., assignor to General Motors Corporation, Detroit, Mich. Controller mechanism. 2,409,762; Oct. 22.

Janiewski, Andrew V., Sebring, Fla. Aircraft launching means. 2,409,763; Oct. 22.

Janis, Samuel, Baltimore, Md. Baseball bat. 2,394,194; Feb. 5.

Janiszewski, Kasimir, Milwaukee, Wis. Die set and manufacture thereof. 2,399,188; Apr. 30.

Janke, Edward J., assignor to Addressograph-Multigraph Corporation, Cleveland, Ohio. Clamp for master sheets of printing machines. 2,411,881; Dec. 3.

Jankoski, Anthony M., Stanley, Wis. Film developing apparatus. 2,402,250; June 18.

Janosko, John J., Anaconda, Mont. Safety crutch. 2,402,330; June 18.

Janota, Joseph, Jr.: *See*—
Button, Bland B., Jr., and Janota.

Janota, Joseph, Jr., Crete, and B. B. Button, Jr., Chicago, Ill., assignors to The Diversey Corporation. Composition for deanodizing aluminum and aluminum alloys. 2,398,079; Apr. 9.

Jansen, Richard L.: *See*—
Miller, Ralph, and Jansen.

Janson, George W.: *See*—
Light, George G., Agnew, and Janson.

Janson, Harry, Bronxville, assignor to Douglas Leigh, Inc., New York, N. Y. Reproduction of a face. 2,399,121; Apr. 23.

Jansson, Arvid, Wilkinsburg, assignor of one-half to G. L. Callg, Pittsburgh, Pa. Internal-combustion engine. 2,403,440; July 9.

Jantz, Gustave H., Cincinnati, Ohio, assignor to Lovell Manufacturing Company, Erie, Pa. Wringer. 2,406,951; Sept. 3.

Jany, José, São Paulo, Brazil. Arrangement for the distant viewing of radioscopic images. 2,406,148; Aug. 20.

Jaques, John C., Denison, Tex. Portable saw. 2,411,623; Nov. 26.

Jaques, John C., Denison, Tex. Mobile saw. 2,411,624; Nov. 26.

Jaques, John C., Denison, Tex. Snatch block. 2,411,625; Nov. 26.

Jaques, John C., Denison, Tex. Mobile winch unit. 2,411,626; Nov. 26.

Jaques, John C., Denison, Tex. Earth auger. 2,411,627; Nov. 26.

Jaques, John C., Denison, Tex. Portable saw. 2,412,704; Dec. 17.

Jaques, John C., Denison, Tex. Portable saw. 2,412,705; Dec. 17.

Jarchow, Werner C., Ridley Park, Pa., assignor to General Steel Castings Corporation, Granite City, Ill. Apparatus for forming hollow molds. 2,402,555; June 25.

Jarmak, Jack: *See*—
Pfeffer, Edward C., Jr., Tweed, and Jarmak.

Jarman, Gordon N.: *See*—
Wearn, Richard B., and Jarman.

Jarman, Vincent G., Watchung, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Adjustment fixture. 2,408,316; Sept. 24.

Jarmann, Alfred, Jr., Schodack Landing, N. Y., assignor to General Electric Company. Electric induction apparatus and coil support. 2,393,169; Jan. 15.

Jarnagin, Marvin, Detroit, Mich. Toy pistol. 2,401,485; June 4.

Jarret, George T., assignor to Lipe-Rollway Corporation, Syracuse, N. Y. Friction clutch. 2,405,357; Aug. 6.

Jarrett, Stanley G.: *See*—
Charlton, William, Jarrett, and Walker.

Jarvis, Nathan, assignee, et al.: *See*—
Schonthal, Leopold.

Jasco, Incorporated, assignee: *See*—
Cornell, Paul W.
Frolich, Per K.
Gleason, Anthony H., and Sparks.
Green, Arthur D., Lane, and Marshall.
Hartvigsen, Harman.
Haworth, Joseph P.
Kearby, Kenneth K.
Lightbown, Irving E., and Beckley.
Murphree, Eger V., Waterman, and Green.
Sparks, William J., and Field.
Thomas, Robert M., and Baldwin.
Thomas, Robert M., and Field.
Vanderbilt, Bryon M., and Howe.
Van Gilder, Carll F., and Evans.
Waterman, W. W., and Vanderbilt.
Young, David W.

Jasper, Lenus, Orland, Calif., assignor to Seth S. Barker, Ottumwa, Iowa. Plucking fowl. 2,412,338; Dec. 10.

Jastrzembski, Edward: *See*—
Martin, Joseph F., Jr., and Jastrzembski.

Jatlow, Jacob L.: *See*—
Crouse, George B., Holt, and Jatlow.

Jauch, Robert J., Fort Wayne, S. Hinds, Columbia City, and F. W. Sturm, assignors to The Wayne Pump Company, Fort Wayne, Ind. Hose reel for liquid dispensing apparatus. 2,397,267; Mar. 26.

Jaworowski, Joseph F., Cleveland Heights, and N. Jaworowski, Cleveland, Ohio. Supercharger pump or motor. 2,394,185; Feb. 5.

Jaworowski, Norbert: *See*—
Jaworowski, Joseph F., and Norbert.

Jeannin, John F., assignor to Vickers Incorporated, Detroit, Mich. Power transmission. 2,401,567; June 4.

Jearum, Frederick C., Sutton, England. Dop or holder for diamonds and like tool pieces for grinding or polishing purposes. 2,394,242; Feb. 5.

Jeary, Lyle T., Guthrie, Okla. Bed wardrobe. 2,402,286; June 18.

Jeckel, Norman C., Glens Falls, N. Y., assignor to United States Catheter & Instrument Corp. Catheter. 2,407,929; Sept. 17.

Jeffords, Leuell W., assignor to R. Jeffords, Chicago, Ill. Feed-water apparatus for boilers. 2,412,775; Dec. 17.

Jeffords, Roland, Pamplico, S. C. Spraying machine. 2,394,781; Feb. 12.

Jeffords, Roma, assignee: *See*—
Jeffords, Leuell W.

Jeffrey Company, The, assignee: *See*—
Johnson, Claus J.

Jeffrey Manufacturing Company, The, assignee: *See*—
Bird, Byron M.
Dickson, Wilbur R.
Dodge, Gordon F.
Lee, Arthur L.
Levin, Nils D.
Mercier, Stanley M.
Wright, Fred J.

Jeffreys, Charles R., McKeesport, Pa. Apparatus for smoothing furnace walls. 2,394,858; Feb. 12.

Jeffreys, Sidney T., Rickmansworth, assignor to E. H. Jones (Machine Tools), Limited, London, England. Control mechanism. 2,412,339; Dec. 10.

Jeffs, Harry F., Detroit, Mich. Shade roller bracket. 2,396,266; Mar. 12.

Jegge, Emil G.: *See*—
Buffington, Malcolm R., and Jegge.

Jekels, Ludwig, assignee, et al.: *See*—
Kreidl, Ignaz and W.

Jelderks, Neus, San Jose, Calif. Machine for use in harvesting fruit from low growing plants. 2,395,124; Feb. 19.

Jelinek, Donald: *See*—
Keller, Philip B., and Jelinek.

Jelley, Edwin E., and P. W. Vittum, assignors to Eastman Kodak Company, Rochester, N. Y. Preventing color fog in photographic material. 2,403,721; July 9.

Jelley, Edwin E., and L. S. Wilder, assignors to Eastman Kodak Company, Rochester, N. Y. Camouflage detection. 2,403,722; July 9.

Jellinek, Markus, Larchmont, N. Y. Clip jewelry. 2,400,513; May 21.

Jellis, Morgan: *See*—
Wainwright, John E.

Jencick, Stephen, Chagrin Falls, Ohio. Fluid coupling. 2,397,862; Apr. 2.

Jencks, Charles D., Bristol, R. I. Adjustable support for bifocal lenses. 2,410,584; Nov. 5.

Jenl, Jesse B., Festus, Mo. Screw driver. 2,406,149; Aug. 20.

Jenkins, Alexander F., assignor to The Alexander Milburn Company, Baltimore, Md. Torch tip. 2,392,386; Jan. 8.

Jenkins, Alexander F., assignor to The Alexander Milburn Company, Baltimore, Md. Torch tip. 2,392,593; Jan. 8.

Jenkins, Arthur M., Oakland, Calif. Clip or fastener for stovepipes and the like. 2,406,224; Aug. 20.

Jenkins, Chester P.: *See*—
Troller, Theodor H., and Jenkins.

Jenkins, Chester P., New Philadelphia, Ohio, assignor to La-Del Conveyor & Manufacturing Company. Fan and motor unit. 2,397,170; Mar. 26.

Jenkins, Edward M.: *See*—
Brown, George B., and Jenkins.

Jenkins, Edward M., Somerville, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Stationary ventilator. 2,392,742; Jan. 8.

Jenkins, Edward M., and D. Loetscher, Somerville, N. J., assignors to Johns-Manville Corporation, New York, N. Y. Expansion joint filler. 2,401,936; June 11.

Jenkins, Edward S., Snyder, and A. F. Donovan, Kenmore, N. Y., assignors to Curtiss-Wright Corporation. Automatic blade pitch control for helicopter rotor or airscrew. 2,397,489; Apr. 2.

Jenkins, Fred W.: *See*—
Monson, Louis T., Anderson, and Jenkins.

Jenkins, Gwilym I.: *See*—
Fawcett, Eric W. M., and Jenkins.

Jenkins, Howard, Arlington, Va. System of compass compensation. 2,412,617; Dec. 17.

Jenkins, John D., Milwaukee, Wis., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Plasticization of plastics. Re. 22,812; Dec. 3.

Jenkins, John D., Milwaukee, Wis., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Obtaining sterol and the like from tall oil. 2,394,615; Feb. 12.

Jenkins Petroleum Process Company, assignee: *See*—
Smith, Arthur D.

Jenkins, Tazewell H., Chicago, Ill. Bottle carrier. 2,409,684; Oct. 22.

Jenkins, Vance N.: *See*—
Fischer, Paul W., and Jenkins.

Jenkins, Vance N., Palos Verdes Estates, Calif., assignor to Union Oil Company of California, Los Angeles, Calif. Two-stage dewaxing. 2,397,868; Apr. 2.

Jenkins, Vance N., Palos Verdes Estates, assignor to Union Oil Company of California, Los Angeles, Calif. Lubricating oil composition. 2,410,381; Oct. 29.

Jenkins, William A., assignee: *See*—
Butler, William M.

Jenkinson, Robert L., Teaneck, N. J., assignor to The Marlin Firearms Company, New Haven, Conn. Multiple barrel gun. 2,409,939; Oct. 22.

Jenks, Frederic A: *See*—
Ginzton, Edward L., Palmer, and Jenks.

Jenks, Frederic A., Mineola, D. F. Folland, Hempstead, A. S. Maeder, Scarsdale, and W. T. Cooke, Huntington, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Instrument landing system. 2,408,425; Oct. 1.

Jenks, Frederic A., Mineola, and D. F. Folland, Hempstead, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. High-frequency coaxial distributor and system. 2,408,779; Oct. 8.

Jenks, Harold C., Cincinnati, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control system. 2,397,182; Mar. 26.

Jenney, John A., Flushing, N. Y. Dermatome. 2,413,354; Dec. 31.

Jennings, Aaron E., Central City, Ky. Tire spreader. 2,397,863; Apr. 2.

Jennings, Alfred J., Bridgeport, Conn., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Carburetor diaphragm. 2,405,038; July 30.

Jennings, Andrew B., New Brunswick, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Bis sulphonamides of naphthol sulphonyl chlorides with aromatic diamines. 2,395,484; Feb. 26.

Jennings, Andrew B., New Brunswick, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Color photography and elements therefor. 2,397,865; Apr. 2.

Jennings, Andrew B., New Brunswick, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Photographic elements containing protein color formers. 2,397,867; Apr. 2.

Jennings, Andrew B., New Brunswick, O. W. Murray, Metuchen, and C. F. A. White, Oldbridge, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Color yielding photographic elements. 2,397,864; Apr. 2.

Jennings, George H., Cincinnati, Ohio. Water-resistant shoe. 2,408,650; Oct. 1.

Jennings, William H., assignor to Camp Manufacturing Company, Inc., Franklin, Va. Producing a tall oil of low viscosity and free from crystallization. 2,398,312; Apr. 9.

Jenny, Alfred L., Pittsfield, Mass., assignor to General Electric Company. Curing hydrocarbon-substituted polysiloxane resin compositions containing lead monoxide. 2,410,737; Nov. 5.

Jensen, Aage, Racine, Wis. Hydraulic transmission. 2,398,313; Apr. 9.

Jensen, Cyril D., Annapolis, Md. Coated electrode. 2,394,550; Feb. 12.

Jensen, Edgar C., Rochester, H. G. Scull, New York, and J. G. McNally, Rochester, N. Y., assignors to Eastman Kodak Company. Composition for discharge printing. 2,409,980; Oct. 22.

Jensen, Emil O., Chicago, Ill. Machine for applying pneumatic pressure to cast metals. 2,406,333; Aug. 27.

Jensen, Harry M., Chicago, Ill. Power unit for reeling cable or wire. 2,412,508; Dec. 10.

Jensen, Helge: *See*—
Cole, Louis W., and Jensen.

Jensen, Helge.: *See*—
Cole, Louis W., and Jensen.

Jensen, John, assignor to Whitney Metal Tool Company, Rockford, Ill. Rivet setting tool. 2,400,354; May 14.

Jensen, Julius A., Willamina, Oreg. Logging rigging. 2,396,790; Mar. 19.

Jensen, Julius A., Willamina, Oreg. Rigging connector element. 2,406,607; Aug. 27.

Jensen Machinery Company, Inc., assignee: *See*—
Bryant, Forrest Le G.

Jensen, Miriam D., administratrix.: *See*—
Donle, Harold P.

Jensen, Otto, Malvern, assignor to I. T. E. Circuit Breaker Company, Philadelphia, Pa. Motor-operated circuit breaker. 2,393,687; Jan. 29.

Jensen, Otto, Malvern, assignor to I-T-E Circuit Breaker Company, Philadelphia, Pa. Motor-operated circuit breaker. 2,393,688; Jan. 29.

Jensen, Raymond W., assignor to The Garrett Corporation, Airesearch Manufacturing Company division, Los Angeles, Calif. Temperature and pressure control. 2,405,831; Aug. 13.

Jensen, Richard C.: *See*—
Hollingsworth, Guilford L., and Jensen.

Jensen, Thormod, Laurelton, N. Y., assignor to American Machine & Foundry Company. Vertical mixer. 2,404,380; July 23.

Jensen, Thormod, Laurelton, N. Y., assignor to American Machine & Foundry Company. Wire whip. 2,397,011; Mar. 19.

Jenssen, G. D., Company, Incorporated, assignee: *See*—
Jenssen, Jacob D.

Jenssen, Jacob D., assignor to G. D. Jenssen Company, Incorporated, New York, N. Y. Means for absorbing relief gases from sulphite pulp digesters. 2,402,895; June 25.

Jepson, Ivar, assignor to Chicago Flexible Shaft Company, Chicago, Ill. Cooling means for shafts. 2,397,012; Mar. 19.

Jergens, John G.: *See*—
Noble, Le Isie D., Stanton, and Jergens.

Jernstedt, George W., Bloomfield, and J. C. Lum, Union, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Protective coatings for nonferrous metals. 2,394,065; Feb. 5.

Jerome, Alan J., assignor to Toledo Scale Company, Toledo, Ohio. Batching scale. 2,398,643; Apr. 16.

Jerome, Arthur L.: *See*—
Pascoe, Frank T., and Jerome.

Jerome, Arthur L., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling system. 2,400,005; May 7.

Jerome, Arthur L., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling apparatus. 2,409,044; Oct. 8.

Jerry, Hubert W., assignee, et al.: *See*—
Gideon, Victor W.

Jerry, Louise C., assignee, et al. *See*—
Gideon, Victor W.

Jesionowski, Raymond S.: *See*—
Bailey, James, and Jesionowski.
Wiley, Fred E., Canfield, Jesionowski, and Bailey.

Jesionowski, Raymond S., assignor to Plax Corporation, Hartford, Conn. Die unit for extruding shapes of organic plastic materials. 2,405,039; July 30.

Jesperson, Clarence M., Anniston, Ala. Stoker. 2,392,480; Jan. 8.

Jessen, Preben, North Bergen, N. J. Device for unloading packaged merchandise. 2,412,155; Dec. 3.

Jessen, Robert F.: *See*—
Daughdrill, James H., and Jessen.

Jessup, Sellers E., Los Angeles, Calif. Piston ring. 2,409,764; Oct. 22.

Jetschmann, Richard P., Milford, Conn. Pastry. 2,404,177; July 16.

Jewell, Howard W., Los Angeles, Calif., Pipe joining device. 2,409,865; Oct. 22.

Jewell, Joseph W.: *See*—
Gunness, Robert C., and Jewell.

Jewell, Richard G., Swampscott, Mass., assignor to General Electric Company. Position indicator. 2,405,429; Aug. 6.

Jewell, Richard G., Swampscott, Mass., assignor to General Electric Company. Pull-off magnet. 2,401,160; May 28.

Jewell, Richard G., Swampscott, Mass., assignor to General Electric Company. Direct-current ratio measuring electrical instrument. 2,409,866; Oct. 22.

Jewish Hospital of Brooklyn Research Foundation, assignee: *See*—
Natelson, Samuel, Kramer, and Tekel.

Jicwood Limited, assignee: *See*—
Buchanan, Charles H.

Jilko Service Products, assignee: *See*—
Levyn, Joseph I.

Jimenez, Jim R., Blackfoot, Idaho. Wheeled carrier for milk cans and the like. 2,396,325; Mar. 12.

Jirousek, Joseph F., assignor to The Chandler & Price Company, Cleveland, Ohio. Printing mechanism. 2,398,832; Apr. 23.

Joachim, Joseph G., assignor to Ferro Stamping & Manufacturing Company, Detroit, Mich. Latch handle assembly. 2,404,845; July 30.

Joanna Textile Mills Company, assignee: *See*—
Delegard, Carl J.

Job, Arthur, Providence, R. I., assignor to Sils Corporation. Comber. 2,410,738; Nov. 5.

Jobe, John R., Houston, Tex. Pipe cutter. 2,397,318; Mar. 26.

Jobling, James A., & Company Limited, assignee: *See*—
Everett, Samuel J.

Jobst, Conrad, assignor to The Toledo Automatic Brush Machine Company, Toledo, Ohio. Trimming mechanism. 2,404,500; July 23.

Jobst, Conrad, assignor to The Toledo Automatic Brush Machine Company, Toledo, Ohio. Tuft anchoring means for brushes. 2,409,490; Oct. 15.

Jodell, Georg E., Prahran, Victoria, assignor to Electrolux Pty. Limited, Sydney, Australia. Kerosene burner for use in refrigerators or in other heat-actuated apparatus. 2,407,426; Sept. 10.

Joel, Amos E., Jr., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Busy test system. 2,302,090; Jan. 1.

Joel, Amos E., Jr., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Pulsing system. 2,410,446; Nov. 5.

Joel, Martin J., New York, N. Y. Sanitary pipe cabinet. 2,401,161; May 28.

Joesting, Frederick D., Oak Park, Ill., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Positive relay. 2,394,186; Feb. 5.

Johannes, Dana B., Jr., Silver Spring, Md., assignor to International Products Company, Washington, D. C. Nonslip cementitious composition and article. 2,411,213; Nov. 19.

Johansen, Einar K., assignor to Clearing Machine Corporation, Chicago, Ill. Clutch and brake mechanism. 2,402,052; June 11.

Johansen, John V., Chicago, Ill. Decorticating fibrous materials. 2,391,977; Jan. 1.

Johansen, Einar K., Oak Park, and R. W. Glasner, assignors to Clearing Machine Corporation, Chicago, Ill. Clutch mechanism. 2,396,427; Mar. 12.

Johanson, Magnus H., Rochester, and E. Wildhaber, Brighton, assignors to Gleason Works, Rochester, N. Y. Method and machine for relieving gear cutters. 2,410,348; Oct. 29.

Johansson, Birger, Nykoping, Sweden. Furnace. 2,399,871; May 7.

Johansson, Erik H. E., Stockholm, Sweden. Production of metallic powder in spherical form. 2,391,903; Jan. 1.

Johansson, Ernest G.: *See*—
Sparkes, Harry P., and Johansson.

Johansson, Ernest G., Belmont, assignor to Anchor Manufacturing Company, Boston, Mass. Disconnect for electrical terminal blocks. 2,407,372; Sept. 10.

Johansson, Sven G., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Assembly apparatus. 2,393,780; Jan. 29.

Johansson, Sven G., Cranford, and H. C. Slechta, Plainfield, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Soldering apparatus. 2,404,730; July 23.

Johndrew, Wilbur, Buffalo, N. Y. Compensator for riveting machines. 2,400,758; May 21.

Johnig, Charles E., Roselle, N. J., assignor to Standard Oil Development Company. Scrubbing dust-laden gases 2,404,071; July 16.

Johns, Harry F., Kansas City, Mo., assignor to V. V. Johns. Oil well pump packing. 2,410,976; Nov. 12.

Johns-Manville Corporation, assignee: *See*—
Brown, George B.
Brown, George B., and Jenkins.
Burnett, Clinton B., Donahue, and Randolph.
Cumming, Milton K., and Van Tine.
Hamilton, Clarence R., King, and Baker.
Hawthorne, Louis A., and Powell.
Hedges, Lee M.
Jenkins, Edward M.
Jenkins, Edward M., and Loetscher.
Miles, William S., and Voigt.
Powell, Edward R.
Powell, Edward R., and Holcomb.
Quinn, Robert G.
Rembert, Ernest W.
Smolak, George.
Van Dyck, Pierre, and Bradley.
Ximenez, Manuel R.

Johns, Velma V., assignee: *See*—
Johns, Harry F.

Johnsen, Bjornulf, Summit, N. J., assignor to L. P. Frieder, New York, N. Y. Releasing device. 2,413,450; Dec. 31.

Johnsen, James: *See*—
Nelson, William B., Johnsen, Dyruff, and Bell.

Johnshoy, Martinus C., deceased, Starbuck, Minn.; O. Johnshoy, special administratrix. Communion wafer tray. 2,397,740; Apr. 2.

Johnshoy, Olava, special administratrix: *See*—
Johnshoy, Martinus C.

Johnson, A. Parley, assignee: *See*—
Harford, Dwight L.

Johnson, Aaron D., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Pickling bath for ferrous metals. 2,406,379; Aug. 27.

Johnson, Alfred A.: *See*—
Fothergill, Robert E., Hill, and Johnson.

Johnson, Alfred C.: *See*—
Miller, William J., and Johnson.

Johnson, Almon A., Forest Hills, N. Y. Winch for towing and the like. 2,411,094; Nov. 12.

Johnson, Almon A., Forest Hills, N. Y. Winch. 2,412,776; Dec. 17.

Johnson, Arnold E. W.: *See*—
Messenger, Robert P., Johnson, and Schmied.

Johnson, Arnold E. W., Oak Park, Ill., assignor to International Harvester Company. Agricultural tractor. 2,413,355; Dec. 31.

Johnson, Arnold E. W., Oak Park, and J. R. Orelind, Wilmette, Ill. Tractor jack. 2,410,945; Nov. 12.

Johnson, Arnold E. W., Oak Park, and J. R. Orelind, Wilmette, Ill., assignors to International Harvester Company. Jack. 2,407,080; Sept. 3.

Johnson, Arthur A., Bridgeport, Conn., assignor to Autographic Register Company, Hoboken, N. J. Paper support. 2,393,471; Jan. 22.

Johnson, Arthur C., Chicago, Ill., assignor to The Studebaker Corporation, South Bend, Ind. Transmission. 2,402,229; June 18.

Johnson, Avin C., assignee: *See*—
Oliver, Charles C.

Johnson, Axel F., Chicago, assignor to Chicago Metal Hose Corporation, Maywood, Ill. Flexible tubing. 2,402,497; June 18.

Johnson, Benjamin F., assignor to Walker Manufacturing Company of Wisconsin, Racine, Wis. Base structure for jacks. 2,400,235; May 14.

Johnson, Bernard, Lefors, Tex., and H. C. Foster, Pittsburgh, Pa., assignors to Columbian Carbon Company. Furnace. 2,393,106; Jan. 15.

Johnson, Bernard C., Mundelein, Ill., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Refrigerant evaporator. 2,411,376; Nov. 19.

Johnson, Bernard C., Mundelein, Ill., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Refrigerator liner construction. 2,413,233; Dec. 24.

Johnson, Bernard C., Mundelein, Ill., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Evaporator unit. 2,413,236; Dec. 24.

Johnson, C. S., Company, The, assignee: *See*—
Johnson, Charles H.

Johnson, Carl G., assignor to J. P. Seeburg Corporation, Chicago, Ill. Automatic phonograph. 2,398,010; Apr. 9.

Johnson, Carl R., Milwaukee, Wis. Tailstock. 2,393,689; Jan. 29.

Johnson, Carl W., Brooklyn, N. Y., assignor to American Machine and Foundry Company. Sewing machine needle bar mechanism. 2,402,251; June 18.

Johnson, Carl W., Brooklyn, N. Y., assignor to American Machine and Foundry Company. Stitch length adjusting mechanism. 2,407,986; Sept. 24.

Johnson, Carl W., Brooklyn, and J. A. Neumair, Hollis, N. Y., assignor to American Machine & Foundry Company. Slip stitching machine. 2,409,045; Oct. 8.

Johnson, Charles D., assignor to Johnson Steel & Wire Company, Inc., Worcester, Mass. Automatic timing arrangement for multiple unit polishing machines. 2,399,039; Apr. 23.

Johnson, Charles H., assignor to The C. S. Johnson Company, Champaign, Ill. Mixing plant. 2,408,397; Oct. 1.

Johnson, Charles R., Glenn Mills, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Detonator loading machine. 2,403,286; July 2.

Johnson, Charles W., Green River, Wyo. Ornamental plaque. 2,392,046; Jan. 1.

Johnson, Charles W., New Brunswick, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Adhesive compositions. 2,410,414; Nov. 5.

Johnson, Clarence W., and J. G. Sterling, Chicago, M. H. Wright, and R. T. Wright, Lake Bluff, Ill., assignors to Stenographic Machines, Inc. Stenographic machine. 2,393,781; Jan. 29.

Johnson, Clarence, South Euclid, Ohio, assignor to Bailey Meter Company. Machine-tool control. 2,399,806; May 7.

Johnson, Claus J., Columbus, Ohio, assignor to The Jeffrey Company. Vibratory feeder. 2,294,914; Feb. 12.

Johnson, Corydon M., Freeport, N. Y. Former for sheet metal parts. 2,397,608; Apr. 2.

Johnson, E. R. F., United States Navy. Device for viewing underwater bodies. 2,396,267; Mar. 12.

Johnson, Ellis A., Chevy Chase, Md., and R. MacHenry, Washington, D. C. Water stop device for electrical cables. 2,396,702; Mar. 19.

Johnson, Ellsworth T., assignor to Deere & Company, Moline, Ill. Safety shield. 2,410,503; Nov. 5.

Johnson, Elmer C., assignor to C. Earl Hovey, Kansas City, Mo., as Trustee. Plural coin controlled mechanism for vending machines or the like. 2,396,011; Mar. 5.

Johnson, Elmer L., Chicago, Ill. Garment hanger. 2,408,145; Sept. 24.

Johnson, Elmer R., Bencon, N. Y., assignor to Texaco Development Corporation, Jersey City, N. J. Motor fuel and using same. 2,406,544; Aug. 27.

Johnson, Eric G., Spalding, England. Cloche, greenhouse, and the like. 2,400,421; May 14.

Johnson, Eric J.: *See*—
Oehler, Alvin W., and Johnson.

Johnson, Ernest L.: *See*—
Lebmberg, William H., and Johnson.

Johnson, Everard L., Patchogue, N. Y. Retouching apparatus. 2,404,134; July 16.

Johnson, Everett A., Park Ridge, assignor to Standard Oil Company, Chicago, Ill. Conversion of hydrocarbons with suspended catalysts. 2,393,636; Jan. 29.

Johnson, Everett A., Park Ridge, assignor to Standard Oil Company, Chicago, Ill. Chemical reaction with fluidized solids. 2,393,909; Jan. 29.

Johnson, Everett A., Park Ridge, assignor to Standard Oil Company, Chicago, Ill. Cocurrent-countercurrent regenerator. 2,401,739; June 11.

Johnson, Frank E., Malden, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Temporary positioning and holding apertured members. 2,398,644; Apr. 16.

Johnson, Frank W., Wilmington, Del., assignor to E. I. du Pont de Nemours & Company. Fluoro-chloro-butanes. 2,398,181; Apr. 9.

Johnson, Frank W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthetic rubberlike materials comprising 1,3-butadienes. 2,402,819; June 25.

Johnson, George A., trustee, assignee, et al.: *See*—
Geiger, William A.

Johnson, George A., Chicago, and S. B. Haseltine, La Grange, assignors to W. H. Miner, Inc., Chicago, Ill. Friction shock absorber. 2,410,165; Oct. 29.

Johnson, Harold G., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Preparation of 2-methyl-1,2-propanediamine. 2,408,171; Sept. 24.

Johnson, Harold G., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Preparation of diamines. 2,408,172; Sept. 24.

Johnson, Harold J., assignor to The Gates Rubber Company, Denver, Colo. High speed belt. 2,392,743; Jan. 8.

Johnson, Harold L., Chicago, Ill. Adjustable blind awning. 2,404,178; July 16.

Johnson, Harry C., Mason City, Nebr. Adjustable fastener for electric fence insulators. 2,409,491; Oct. 15.

Johnson, Harry H., Brookline, Mass. Shoe. 2,407,498; Sept. 10.

Johnson, Helge J. M., Allston, and W. H. Kurth, Cambridge, Mass. Undercutting tool. 2,400,933; May 28.

Johnson, Henry L., Denison, Tex. Apparatus for undisturbed overburden sampling. 2,403,002; July 2.

Johnson, Herbert B., assignor to Ritter Products Corporation, Rochester, N. Y. Electrostatic sizing of materials. 2,398,792; Apr. 23.

Johnson, Herbert F.: *See*—
Crane, Edward V., and Johnson.

Johnson, Herbert L.: *See*—
Perrine, John H., and Johnson.

Johnson, Herbert L., Norwood, and J. H. Perrine, Prospect Park, assignors to Sun Oil Company, Philadelphia, Pa. Preparation of soluble oil. 2,395,627; Feb. 26.

Johnson, Howard C. E.: *See*—
Bock, L. H., Johnson, and Armstrong.

Johnson, Hubert D., Jr., Wilton, Calif. Airplane wheel spinner. 2,397,319; Mar. 26.

Johnson, Hugh B., Rochester, N. Y. Stretcher. 2,392,850; Jan. 15.

Johnson, James P., Shaker Heights, Ohio. Rotary pump. 2,393,690; Jan. 29.

Johnson, Jay M., Detroit, Mich. Can opener. 2,403,373; July 2.

Johnson, Jesse E., Colbert, Wash. Oscillating welding rod. 2,407,746; Sept. 17.

Johnson, Joel R., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Broaching machine. 2,394,699; Feb. 12.

Johnson, John E., Morristown, assignor to Elastic Stop Nut Corporation of America, Union, N. J. Removable basket nut. 2,409,209; Oct. 15.

Johnson, John F., Ludington, Mich. Temperature control for cooling fluid of internal-combustion engines. 2,401,646; June 4.

Johnson, John H.: *See*—
Henney, Grover R., and Johnson.

Johnson, John K., Douglaston, N. Y., assignor, by mesne assignments, to Hazeltine Research, Inc., Chicago, Ill. Telemetering system. 2,403,890; July 9.

Johnson, John K., Deerfield, assignor, by mesne assignments, to Hazeltine Research, Inc., Chicago, Ill. System for indicating mechanical motion. 2,407,282; Sept. 10.

Johnson, John K., Deerfield, Ill., and H. A. Wheeler, Great Neck, N. Y., assignors, by mesne assignments, to Hazeltine Research, Inc., Chicago, Ill. Radiated-signal direction finder. 2,407,281; Sept. 10.

Johnson, John K., Deerfield, assignor, by mesne assignments, to Hazeltine Research, Inc., Chicago, Ill. Ultra high frequency tuning unit. 2,413,451; Dec. 31.

Johnson & Johnson, assignee: *See*—
Turner, George T., and Wenzelberger.
Wells, Ralph L.

Johnson, Joseph E., Islington, Mass. Necktie. 2,404,962; July 30.

Johnson, Junius P., New Bern, N. C. Carriage chuck and boring bar. 2,401,078; May 28.

Johnson, Keith W., Washington, D. C. Toy. 2,399,636; May 7.

Johnson, Kenneth C.: *See*—
Sells, Gale, Johnson, and Black.

Johnson, Kenneth S., South Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone repeater circuit. 2,408,072; Sept. 24.

Johnson, Kenneth S., South Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated. Negative impedance circuit. 2,410,076; Oct. 29.

Johnson, Leon H., Warren, Pa. Roller mounting for shells. 2,399,189; Apr. 30.

Johnson, Lester M.: *See*—
Edwards, Miles L., MacBain, and Johnson.

Johnson, Lloyd E., Fon du Lac Township, Tazewell County, and C. R. Maxwell, Washington, Ill., assignors to Caterpillar Tractor Co., San Leandro, Calif. Internal-combustion engine. 2,398,182; Apr. 9.

Johnson, Lloyd E., Fon du Lac Township, Tazewell County, Ill., assignor to Caterpillar Tractor Co., San Leandro, Calif. Fuel injection mechanism. 2,410,946; Nov. 12.

Johnson, Lloyd E., Fon du Lac Township, Tazewell County, Ill., assignor to Caterpillar Tractor Co., San Leandro, Calif. Fuel injection pump mechanism. 2,410,947; Nov. 12.

Johnson, Malcolm S.: *See*—
Ellis, Edward J., and Johnson.

Johnson-March Corporation, The, assignee: *See*—
Kleinicke, Werner E.

Johnson, Marvin H., Baldwin Park, Calif. Welded connector. 2,395,373; Feb. 19.

Johnson, Mauritz, assignee: *See*—
Myers, John A.

Johnson, Melvin M., assignee, trustee, et al.: *See*—
Johnson, Melvin M., Jr.

Johnson, Melvin M., assignee, et al., trustee: *See*—
Johnson, Melvin M., Jr.

Johnson, Melvin M., Jr., assignor to M. M. Johnson, Brookline, and M. M. Johnson, Jr., and E. E. Rice, as trustees of Johnson Patent Trust, Boston, Mass. Firearm butt stock. 2,400,422; May 14.

Johnson, Melvin M., Jr., assignor to M. M. Johnson, M. M. Johnson, Jr., Brookline, and E. E. Rice, as trustees of Johnson Patent Trust of Boston, Mass. Firearm. 2,409,568; Oct. 15.

Johnson, Melvin M., Jr., assignor to M. M. Johnson and said M. M. Johnson, Jr., Brookline, and E. E. Rice, as trustees of Johnson Patent Trust of Boston, Mass. Automatic firearm. 2,409,569: Oct. 15.

Johnson, Merriam E., assignor to Distillation Products, Inc., Rochester, N. Y. Condensation pump. 2,395,552; Feb. 26.

Johnson, Nels: *See*—
Bradley, William E., and Johnson.

Johnson, Nels J., Wallingford, Iowa. Electric fence. 2,396,512: Mar. 12.

Johnson, Orrel M., Little Rock, Ark. Retractile fountain pen. 2,413,234: Dec. 24.

Johnson, Otto E., Chicago, Ill. Wringer. 2,405,832; Aug. 13.

Johnson Patent Trust of Boston, Mass., assignee: *See*—
Johnson, Melvin M., Jr.

Johnson, Paul P.: *See*—
Thoren, Theodore, and Johnson.

Johnson, Paul P., Willoughby, Ohio, assignor to Thompson Products, Inc. Cold working hollow headed articles 2,392,152; Jan. 1.

Johnson, Paul P., Willoughby, assignor to Thompson Products Inc., Cleveland, Ohio. Sheathed valve. 2,403,926; July 16.

Johnson, Paul R.: *See*—
Perkins, Melvin A., and Johnson.

Johnson, Paul S., Wakefield, and J. W. Dodds, Lynnfield, Mass., assignors to General Electric Company. Instrument balance weight. 2,410,288; Oct. 29.

Johnson, Philip H., assignor to Roadless Traction Limited, Hounslow, England. Tracklaying vehicle. 2,410,739; Nov. 5.

Johnson, Ralph P., and W. R. Grams, Schenectady, N. Y., assignors to General Electric Company. Cathode-ray device. 2,407,082; Sept. 3.

Johnson, Ralph S., West Los Angeles, Calif., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Propeller and anti-icer therefor. 2,393,472; Jan. 22.

Johnson, Reynold B., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Projection apparatus for the creation of illusory effects. 2,412,340; Dec. 10.

Johnson, Robert, Lafayette, Colo., assignor of one-fourth to R. M. Johnson, Cheyenne, Wyo. Coal mining machine. 2,399,438; Apr. 30.

Johnson, Robert M., assignee: *See*—
Johnson, Robert.

Johnson, Ross H., Indianapolis, Ind. Making insoles. 2,404,731; July 23.

Johnson, Roy W.: *See*—
Ellsman, Tom, and Johnson.

Johnson, Samuel, Sr., assignor of one-half to S. H. Bowman, Clermont, Fla. Fruit picker. 2,393,107; Jan. 15.

Johnson Steel & Wire Company, Inc., assignee: *See*—
Johnson, Charles D.

Johnson, Theodore L., St. Louis, Mo. Multiple extrusion. 2,408,398; Oct. 1.

Johnson, Theodore W., assignor to Deere & Company, Moline, Ill. Marker. 2,395,553; Feb. 26.

Johnson, Victor S., assignee: *See*—
White, Sidney Y.

Johnson, Virgil A.: *See*—
Kops, Earl A., Sanborn, and Johnson.

Johnson, Walter F., Berkeley, Calif., assignor to American Smelting and Refining Company, New York, N. Y. System for sintering. 2,410,944; Nov. 12.

Johnson, William, assignor of one-third to A. J. Brickmer, and one-third to H. W. Kropf, Muskegon Heights, Mich. Internal grinder. 2,406,748; Aug. 13.

Johnson, William, Ville St. Pierre, and J. W. H. Bruneau, assignors to Building Products Limited, Montreal, Quebec, Canada. Machine for rabbeting and coating the shiplap edges of siding panels. 2,402,633; June 25.

Johnson, William A.: *See*—
Ware, Lamar M., Harris, and Johnson.

Johnson, William C., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Adjustable mounting for ring gears. 2,399,122; Apr. 23.

Johnson, William D., Chicago, Ill. Metal wagon body. 2,405,358; Aug. 6.

Johnson, Willis E.: *See*—
Whittier, Benjamin L., and Johnson.

Johnston, Alexander, Edinburgh 3, assignor to The North British Rubber Company Limited, Edinburgh, Scotland. Regeneration of waste rubber. 2,404,293; July 16.

Johnston, Alexander, assignor to The North British Rubber Company Limited, Edinburgh, Scotland. Regeneration of waste rubber. 2,406,297; Aug. 20.

Johnston, Brooks E., Chicago, Ill. Structure for loading trailers on flatcars. 2,405,833; Aug. 13.

Johnston Brothers, assignee: *See*—
Hathaway, Albert M.

Johnston, Douglas, Shelbyville, Ill., assignor, by mesne assignments, of thirty per cent to L. R. Tallman, forty-five per cent to G. L. Tallman, twelve and one-half per cent to J. L. Tallman, and twelve and one-half per cent to E. S. Tallman. 2,400,555; May 21.

Johnston, Edward C., assignor to Robert A. Johnston Company, Milwaukee, Wis. Sterilizing liquids. 2,401,077; May 28.

Johnston, Franklin, St. Albans, and L. W. Newton, South Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation. Reactance ketene and hydrocyanic acid. 2,395,930; Mar. 5.

Johnston, Frederick L., Claymont, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilized polyvinyl fluoride. 2,406,837; Sept. 3.

Johnston, Frederick L., Claymont, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of modified methyl methacrylate compositions. 2,408,426; Oct. 1.

Johnston, Greenhow, assignor of one-half to G. Maury, Jr., Richmond, Va. Machine gun mount. 2,407,884; Sept. 17.

Johnston, James H., Ridgefield Park, assignor to Bendix Aviation Corporation, Teterboro, N. J. Carbon pile electric regulator. 2,412,811; Dec. 17.

Johnston, Joseph W., Moneta, Calif. Self-locking burr. 2,398,377; Apr. 16.

Johnston, Lawrence M., Indianapolis, Ind., assignor to himself, as trustee. Single point release for parachute harness. 2,404,909; July 30.

Johnston, Mordica O., Glendale, Calif. Gun perforator for well casing. 2,407,081; Sept. 3.

Johnston, Robert A., Company, assignee: *See*—
Johnston, Edward C.
Russell, Nevin J.

Johnston, Sterling, Bethlehem, Pa., assignor to Bethlehem Steel Company. Suspension bridge saddle. 2,402,408: June 18.

Johnston, William, Jr., Wilkinsburg, Pa. Cinder pot. 2,406,380; Aug. 27.

Johnston, William A., Mansfield, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Washing apparatus. 2,412,270; Dec. 10.

Johnstone, Robert M., Bondsville, Pa. Unwinding machine. 2,412,509; Dec. 10.

Johnstone, Theodore H., Detroit, Mich., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Lock. 2,411,433; Nov. 19.

Jolly, Carl H., U. S. Navy. Arresting hook. 2,404,381; July 23.

Jolly, Carl H., U. S. Navy. Rocket launching device. 2,409,210; Oct. 15.

Jones, Albert S., Dudley, Mass., assignor to Cranston Print Works Company, Cranston, R. I. Textile printing apparatus. 2,410,415; Nov. 5.

Jones, Ap T., Chicago, Ill., assignor to Interstate Bakeries Corporation, Kansas City, Mo. Banded bread loaf package. 2,408,317; Sept. 24.

Jones, Barton, Los Angeles, Calif. Differential pressure responsive device. 2,400,048; May 7.

Jones, Benjamin G., Associated, and L. H. Sharp, Martinez, assignors to Tide Water Associated Oil Company, San Francisco, Calif. Acid treating a viscous hydrocarbon oil. 2,400,298; May 14.

Jones, Benjamin W., Schenectady, N. Y., assignor to General Electric Company. Fluid-cooled device. 2,399,036; Apr. 23.

Jones, Benjamin W., Schenectady, N. Y., assignor to General Electric Company. Thermal time sequencing control system. 2,409,492: Oct. 15.

Jones, Benjamin W., and O. R. Schurig, Schenectady, N. Y., assignors to General Electric Company. Circuit interrupting device. 2,399,037; Apr. 23.

Jones, Burr W.: *See*—
Merritt, George E., and Jones.

Jones, Burr W., Elmira, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine starter drive. 2,407,158; Sept. 3.

Jones, Cecil H., Mankato, Minn. Generator and motor. 2,399,352; Apr. 30.

Jones, Charles F.: *See*—
Hamilton, Julian P., and Jones.

Jones, Clifton M., New York, N. Y. Artificial landscape. 2,413,633: Dec. 31.

Jones, David B., Mount Olive, N. C. Time-delay switch. 2,398,183; Apr. 9.

Jones, David G., and M. Phillipson, Norton-on-Tees, England, assignors to Imperial Chemical Industries Limited, Manufacture of halogenated hydrocarbons. 2,407,701; Sept. 17.

Jones, Don F., J. W. Miller, and B. D. Figg, assignors to Motor Wheel Corporation, Lansing, Mich. Furnace. 2,400,150; May 14.

Jones, E. H., (Machine Tools), Limited: *See*—
Jeffreys, Sidney T.

Jones, Earl T., Ventura, Calif. Trowel. 2,395,186; Feb. 19.

Jones, Edward G., Detroit, and O. Kamm, Grosse Pointe Farms, assignors to Parke, Davis & Company, Detroit, Mich. Tannic acid combinations of posterior pituitary extracts. 2,399,742; May 7.

Jones, Edward L., Greenville, S. C. Game board. 2,409,493; Oct. 15.

Jones, Edwin M., and F. W. Stein, Atchison, Kans. Suturing assembly and method. 2,413,142; Dec. 24.

Jones, Elmer L., Seattle, Wash. Flush and mortise lock bolt for glass doors. 2,402,753; June 25.

Jones, Francis S. B.: *See*—
Myles, James R., and Jones.

Jones, Frank C., Upper Montclair, assignor to The Okonite-Callender Cable Company, Incorporated, Paterson, N. J. Buoyant electrode. 2,396,268; Mar. 12.

Jones, Frank D.: *See*—
Hill, George B., and Jones.

Jones, Franklin D., Llanerch, assignor to American Chemical Paint Company, Ambler, Pa. Compositions of matter. 2,394,915; Feb. 12.

Jones, Franklin D., Llanerch, assignor to American Chemical Paint Company, Ambler, Pa. Methods and compositions for killing weeds. 2,394,916; Feb. 12.

Jones, Franklin D., Llanerch, assignor to American Chemical Paint Company, Ambler, Pa. Methods and compositions for killing weeds. 2,412,510; Dec. 10.

Jones, Franklin D., Upper Darby, assignor to American Chemical Paint Company, Ambler, Pa. Methods and compositions for killing weeds. 2,396,513; Mar. 12.

Jones, George H., Lorain, Ohio, assignor to National Tube Company. Lifting apparatus. 2,400,299; May 14.

Jones, Gordon H., assignor to Giddings & Lewis Machine Tool Co., Fond du Lac, Wis. Machine tool. 2,395,485; Feb. 26.

Jones, Grinnell, and W. Juda, Cambridge, Mass., assignors to Albi Chemical Corporation, New York, N. Y. Solid complex metal amine salts and the preparation thereof. 2,406,692; Aug. 27.

Jones, Grinnell, and W. Juda, Cambridge, Mass., assignors to Albi Chemical Corporation, New York, N. Y. Preparation of metal amine salts. 2,412,890; Dec. 17.

Jones, Harold T., Vallejo, Calif. Clamping implement. 2,403,180; July 2.

Jones & Henry Tool Company, assignee: *See*—
Jones, Jay S.

Jones, Herbert, Pen-y-Ffordd, near Chester, England. Furnace and like building construction. 2,400,827; May 21.

Jones, Howard A.: *See*—
Jones, William R. and H. A.

Jones, Howard A., and B. V. Travis, Orlando, Fla.: dedicated to the free use of the people in the territory of the United States. Insect repellent compositions. 2,396,012; Mar. 5.

Jones, Howard A., and B. V. Travis, Orlando, Fla.: dedicated to the free use of the people in the territory of the United States. Insect repellent compositions. 2,396,013; Mar. 5.

Jones, Howard A., and B. V. Travis, Orlando, Fla., assignors to United States of America, as represented by the Secretary of Agriculture, and his successors in office. Insect repellent compositions. 2,400,006; May 7.

Jones, Ira M., assignee: *See*—
Brooks, Lewis C.
Schwartz, Carl K.

Jones, James A., Fayetteville, Ark. Self-locking wedge. 2,407,427; Sept. 10.

Jones, Jay S., assignor to C. M. Henry and E. D. Resler, jointly, doing business as Jones & Henry Tool Company, Los Angeles, Calif. Punch press clutch. 2,396,047; Mar. 5.

Jones, Jean P., Bartlesville, Okla., assignor to Phillips Petroleum Company. Manufacture of motor fuel. 2,396,853; Mar. 19.

Jones, Jean P., Bartlesville, Okla., assignor to Phillips Petroleum Company. Manufacture of diolefins. 2,396,854; Mar. 19.

Jones, Jean P., Bartlesville, Okla., assignor to Phillips Petroleum Company. Alkylation process. 2,399,353; Apr. 30.

Jones, Jean P., Bartlesville, Okla., assignor to Phillips Petroleum Company. Production of diolefins. 2,401,872; June 11.

Jones, Jean P., Bartlesville, Okla., assignor to Phillips Petroleum Company. Isomerization of low-boiling saturated hydrocarbons. 2,403,181; July 2.

Jones, John E., Spondon, near Derby, assignor to British Celanese Limited, London, England. Production of cellulose derivatives. 2,401,304; June 4.

Jones, John L., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Preparation of lactates. 2,410,740; Nov. 5.

Jones & Lamson Machine Company, assignee: *See*—
Davis, Lee M.

Jones & Laughlin Steel Corporation, assignee: *See*—
Brunner, Ray.

Jones, Leo D.: *See*—
Sender, Leopold, and Jones.

Jones, Leo D., assignor to The Sharples Corporation, Philadelphia, Pa. Centrifugal separation. 2,407,834; Sept. 17.

Jones, Leo D., Philadelphia, and J. J. Serrell, Wynnewood, assignors to The Sharples Corporation, Philadelphia, Pa. Centrifugal deaerator. 2,401,079; May 28.

Jones, Linton L., Greenville, S. C. Yarn guiding device. 2,401,240; May 28.

Jones, Lloyd B., Hollidaysburg, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Cushioning draft gears and the like. 2,404,637; July 23.

Jones, Lloyd B., Hollidaysburg, Pa. Cushioning steam-actuated valves. 2,408,980; Oct. 8.

Jones, Lloyd E., assignor to Graham Transmissions, Inc., Milwaukee, Wis. Variable-speed transmission. 2,405,957; Aug. 20.

Jones, Lyman L., Seattle, Wash., assignor to American Can Company, New York, N. Y. Can making machine. 2,409,631; Oct. 22.

Jones, Maldwyn E., Ferguson, assignor to Carter Carburetor Corporation, St. Louis, Mo. Carburetor. 2,395,554; Feb. 26.

Jones, Maldwyn E., Ferguson, assignor to Carter Carburetor Corporation, St. Louis, Mo. Carburetor. 2,399,637; May 7.

Jones, Maurice F.: *See*—
Jones, Ruel C. and M. F.

Jones, Maurice F., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electrically propelled car construction. 2,412,511; Dec. 10.

Jones, Maurice F., Pittsburgh, and H. F. Hanson, Wilkinsburg, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Tensioning device. 2,404,963; July 30.

Jones, Maurice F., Pittsburgh, and R. C. Jones, Forest Hills, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electric control device. 2,412,513; Dec. 10.

Jones, Maurice F., Wilkinsburg, and L. A. Kilgore, Forest Hills, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Feeder system for linear motors. 2,412,512; Dec. 10.

Jones, Meredith, Seattle, Wash. Gyroscopic navigational device. 2,393,473; Jan. 22.

Jones, Meredith, Seattle, Wash. Course tracing device. 2,393,474; Jan. 22.

Jones, Minor C. K., Mountainside, and F. W. Schumacher, Westfield, N. J., assignors to Standard Oil Development Company. Production of aromatics. 2,400,355; May 14.

Jones, Norman B., assignor to The Toledo Plate & Window Glass Company, Toledo, Ohio. Beveling machine. 2,401,486; June 4.

Jones, Paul C.: *See*—
Mathes, Roger A., and Jones.

Jones, Paul C., near Chagrin Falls, and R. A. Mathes, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Addition products of heterocyclic zinc mercaptides with alkylene imines. 2,409,685; Oct. 22.

Jones, Peter: *See*—
Quayle, Joshua C., and Jones.
Walton, George H., Quayle, and Jones.

Jones, Reuben G., assignor to Eli Lilly and Company, Indianapolis, Ind. Amines and purification thereof. 2,400,934; May 28.

Jones, Robert L., II.: *See*—
Taylor, William H., and Jones.

Jones, Robert V., Woodridge, A. C. Foster, Westfield, and E. R. Kilsby, Elizabeth, N. J., assignors to Foster Wheeler Corporation, New York, N. Y. Vapor generator. 2,395,873; Mar. 5.

Jones, Ruel C.: *See*—
Jones, Maurice F. and R. C.
Whittaker, Charles C., and Jones.

Jones, Ruel C., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electric catapult and power plant. 2,404,964; July 30.

Jones, Ruel C., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electric catapult control. 2,412,514; Dec. 10.

Jones, Ruel C., Pittsburgh, and M. F. Jones, Wilkinsburg, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Prime mover for electric catapults. 2,406,381; Aug. 27.

Jones, Ruel C., Pittsburgh, and M. F. Jones, Wilkinsburg, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control for electric catapults. 2,412,515; Dec. 10.

Jones, Rupert S., Grimsargh, near Preston, assignor to Courtaulds Limited, London, England. Apparatus for production of artificial threads by the wet spinning process. 2,402,409; June 18.

Jones, Russell R., assignor of one-half to E. E. Keith, Orlando, Fla. Order check device. 2,399,038; Apr. 23.

Jones, Samuel R., Los Angeles, Calif. Surgical headrest. 2,398,940; Apr. 23.

Jones, Thomas H., Chicago, Ill. Hair straightening device. 2,400,696; May 21.

Jones, Thomas R., Chicago, Ill. Floating toolholder. 2,399,807; May 7.

Jones, Thomas R., Chicago, Ill. Automatic aligning and locking toolholder. 2,399,808; May 7.

Jones, Thomas R., Woodbridge, N. J., assignor to The American Metal Company, Limited, New York, N. Y. Treating antimony drosses. 2,401,001; May 28.

Jones, Walter W., El Paso, Tex. Hairpin stand. 2,409,867; Oct. 22.

Jones, Welton P., Rydal, assignor to Philco Corporation, Philadelphia, Pa. Refrigerator motor-compressor mounting. 2,407,014; Sept. 3.

Jones, Welton P., Rydal, assignor to Philco Corporation, Philadelphia, Pa. Refrigeration apparatus. 2,407,159; Sept. 3.

Jones, Wilbur L., New York, and E. De Lla, Brooklyn, assignors to Interchemical Corporation, New York, N. Y. Printing inks. 2,393,637; Jan. 29.

Jones, William R., Metuchen, N. J., assignor to The Celotex Corporation, Chicago, Ill. Building element. 2,393,379; Jan. 22.

Jones, William R., Cleveland, Ohio. Adjusting broilers and like food supports. 2,395,486; Feb. 26.

Jones, William R., Cleveland, Ohio. Master safety valve with oven valve lock attachment. 2,413,237; Dec. 24.

Jones, William R., Oakland, Calif., assignor to United States of America as represented by the Secretary of Agriculture. Anthelminthic. 2,399,597; Apr. 30.

Jones, William T., Newton, assignor to Barnes & Jones, Incorporated, Jamaica Plain, Mass. Steam heating system. 2,411,731; Nov. 26.

Jongedyk, Ralph, Hinsdale, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Article forming apparatus. 2,394,700; Feb. 12.

Jongeneel, Albert M., assignee, et al.: *See*—
Gordon, George C., and Blackwelder.

Jonsson, Nils W., assignee: *See*—
Lindgren, Karl O.

Jordan, Charles E., Whiting, Ind., assignor to Sinclair Refining Company, New York, N. Y. Fuel burner. 2,395,276; Feb. 19.

Jordan, Joseph A., Jr., Camp Sibert, Ala. Tire shield. 2,397,741; Apr. 2.

Jordan, Richard H., Mansfield, Ohio, assignor to Dominion Electrical Manufacturing, Inc. Quick-action mechanism. 2,399,123; Apr. 23.

Jordan, Richard H., Mansfield, Ohio, assignor to Dominion Electrical Manufacturing, Inc. Switching apparatus. 2,406,693; Aug. 27.

Jordan, Sidney W., Cleveland, Ohio. Vise. 2,398,941; Apr. 23.

Jordan, Warren D., Waukegan, and H. W. Lindgren, Flatakee Bay, McHenry, Ill., assignors to American Can Company, New York, N. Y. Closing machine. 2,393,988; Feb. 5.

Jordan, William B., Scotia, N. Y., assignor to General Electric Company. Integrator. 2,404,294; July 16.

Jorgensen, Bernhardt, Marblehead, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Lasting machine. 2,395,874; Mar. 5.

Jorgensen, Bernhardt, Marblehead, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Lasting machine and method. 2,403,003; July 2.

Jorgensen, Bernhardt, Marblehead, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Lasting machine. 2,406,463; Aug. 27.

Jorgensen, Bernhardt, Marblehead, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine for shaping uppers over lasts. 2,408,022; Sept. 24.

Jorgensen, Clarence H., and E. M. Claytor, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. System of control for supercharged engines. 2,405,309; Aug. 6.

Jorgensen, Valdemar, Cordova, Nebr. Power-driven conveyer. 2,397,420; Mar. 26.

Jorgenson, Gerald A.: *See*—
Cohen, Morris, and Jorgenson.
Cohen, Morris, Jorgenson, and Hasty.

Jorgenson, John P., Wilmette, and A. G. Kling, assignors to Kling Bros. Engineering Works, Chicago, Ill. Tumbler. 2,393,380; Jan. 22.

Jorgenson, John P., Wilmette, and A. G. Kling, assignors to Kling Bros., Engineering Works, Chicago, Ill. Washing machine. 2,397,268; Mar. 26.

Joseph, Harrison O., Los Angeles, Calif. Coat hanger. 2,407,015; Sept. 3.

Josepho, Anatol M., Pacific Palisades, Calif. Safety screwdriver. 2,406,952; Sept. 3.

Josephs, Abrahain I., New York, N. Y. Interchangeable hat construction. 2,408,318; Sept. 24.

Josephson & Sharp Manufacturing Co., assignee: *See*—
Sharp, Ewing L.

Josh, George, Crown Point, Ind., assignor to Armour and Company, Chicago, Ill. Packaging surgical string material. 2,405,216; Aug. 6.

Josserand, Louis P., Houston, Tex. Theater. Re. 22,756; May 14.

Jowett, John A., Scottsville, N. Y. Sounding device. 2,407,702; Sept. 17.

Joy, Homer van B., Montclair, N. J., assignor to Montclair Research Corporation. Barium bromate impression material. 2,397,143; Mar. 26.

Joy, Homer van B., Montclair, N. J., and E. J. Molnar, Toledo, Ohio. Impression materials. 2,397,145; Mar. 26.

Joy, Joseph F., Claremont, N. H. Equilibrator. 2,392,387; Jan. 8.

Joy, Joseph F., Claremont, N. H. Automotive vehicle. 2,393,324; Jan. 22.

Joy, Joseph F., Claremont, N. H. Variable displacement pump. 2,400,119; May 14.

Joy Manufacturing Company, assignee: *See*—
Curtis, John C., and Gartin.
Galloway, William S., and Anderson.
Lambertson, Ralph E.
Maxson, Louis A.
Osgood, Charles F.
Paget, Win W.
Russell, John D., Ball, and Knoizen.
Simmons, Leon E.
Simmons, Leon E., and Vanderzee.
Wineman, Wade H.

Joy, Robert F., Bethlehem, Pa., assignor to Bethlehem Steel Company. Rope sling. 2,410,416; Nov. 5.

Joyce-Cridland Company, The, assignee: *See*—
Simonton, William L.

Joyce, Inc., assignee: *See*—
Joyce, William H., Jr.

Joyce, Robert M., Jr.: *See*—
Dietrich, Melvin A., and Joyce.
Harmon, Jesse, and Joyce.

Joyce, Robert M., Jr., Marshallton, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Electrical apparatus. 2,392,388; Jan. 8.

Joyce, Robert M., Jr., Marshallton, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Obtaining decolorized polytetrafluoroethylene. 2,392,389; Jan. 8.

Joyce, Robert M., Jr., Marshallton, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymerizing tetrafluoroethylene. 2,394,243; Feb. 5.

Joyce, Robert M., Jr., Marshallton, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., Hydrolysis of halogen containing compounds. 2,398,430; Apr. 16.

Joyce, Robert M., Jr., Marshallton, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polyhalogenated olefins. 2,410,541; Nov. 5.

Joyce, William H., Jr., assignor to Joyce, Inc., Pasadena, Calif. Drier. 2,411,792; Nov. 26.

Joyce, William J., assignor to American Optical Company, Southbridge, Mass. Eye protection means and method of making the same. 2,406,608; Aug. 27.

Joyce, William J., Sturbridge, assignor to American Optical Company, Southbridge, Mass. Eye protective means. 2,409,286; Oct. 15.

Jucksch, Harry H., Berkeley, Calif., assignor to Wheeler, Reynolds and Stauffer. Rodent gun. 2,413,143; Dec. 24.

Juda, Walter: *See*—
Jones, Grinnell, and Juda.

Judd, Charles H., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Closure device. 2,402,556; June 25.

Judd, Charles H., and C. Giammatteo, assignors to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,407,608; Sept. 10.

Judd, Charles H., and C. Giammatteo, assignors to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,407,609; Sept. 10.

Jude, Walter E., assignor to Solar Aircraft Company, San Diego, Calif. Clip forming and assembly tool. 2,394,187; Feb. 5.

Judels, Charles: *See*—
Smith, Donald L. J., and Judels.

Judelshon, Oscar L., New York, N. Y. Machine for cutting and winding materials. 2,394,859; Feb. 12.

Judge, Franklin, Greenfield, Mass. Die holder. 2,401,305; June 4.

Judge, Thomas J., Rochester, N. Y., assignor to General Railway Signal Company. Relay. 2,396,048; Mar. 5.

Judge, Thomas J., assignor to General Railway Signal Company, Rochester, N. Y. Coded track circuit signaling system. 2,403,085; July 2.

Judge, Thomas J., assignor to General Railway Signal Company, Rochester, N. Y. Signaling system for railroads. 2,410,504; Nov. 5.

Juel, Leslie H.: *See*—
Franz, Arvel O., and Juel.

Juelss, David, Brooklyn, N. Y., assignor to American Lead Pencil Company, Hoboken, N. J. Fountain pen. 2,393,250; Jan. 22.

Juelss, David, Brooklyn, N. Y., assignor to American Lead Pencil Company, Hoboken, N. J. Fountain pen. 2,393,251; Jan. 22.

Juelss, David, Brooklyn, N. Y., assignor to American Lead Pencil Company, Hoboken, N. J. Fountain pen. 2,396,919; Mar. 19.

Julian, Percy L.: *See*—
Levinson, Arthur A., Malter, and Julian.

Julian, Percy L., Maywood, and H. T. Iveson, Chicago, Ill., assignors to The Glidden Company, Cleveland, Ohio. Treatment of vegetable oils. 2,392,390; Jan. 8.

Julian, Percy L., Maywood, and J. W. Cole, Chicago, Ill., assignors to The Glidden Company, Cleveland, Ohio. Unsaturated ketones of the cyclopentano phenanthrene series. 2,394,551; Feb. 12.

Julian, Percy L., Maywood, and E. W. Meyer, Evanston, Ill., assignors, by mesne assignments, to American Lecithin Company, Cleveland, Ohio. Phosphatide composition and preparing. 2,400,120; May 14.

Julien, Arlie P., and J. K. Farrell, Syracuse, assignors to The Solvay Process Company, New York, N. Y. Recovery of chlorine from magnesium chloride electrolysis. 2,398,891; Apr. 23.

Julyan, Fred G.: *See*—
Schweidkart, William M., and Julyan.

Jung, Peter A.: *See*—
Williams, Harvey A. and Jung.

Junkin, Hays M., et al., executors: *See*—
Hibbard, Robert L.

Junkin, John C., San Diego, Calif. Spring assembly for vehicle wheels. 2,401,568; June 4.

Junkunc, Alexander, Sr., assignee, et al.: *See*—
Junkunc, Bela B.

Junkunc, Alexander, Sr., assignee, et al.: *See*—
Kunkunc, Bela B.

Junkunc, Bela B., assignor to B. B. Junkunc, A. Junkunc, Sr., A. Junkunc, Jr., and J. G. Junkunc, a partnership doing business as J & J Tool & Machine Co., Chicago, Ill. Venetian blind rail and tape fastener. 2,391,904; Jan. 1.

Junkunc, Joseph G., assignee, et al.: *See*—
Junkunc, Bela B.

Jupin, John and S., Newark, N. J. Key case. 2,411,995; Dec. 3.

Jupin, Sophie: *See*—
Jupin, John and S.

Juran, Nathan H., U. S. Navy, Hermosa Beach, Calif. Sketching device. 2,410,447; Nov. 5.

Just, Ralph R., Salem, Oreg. Support for sheep shearing apparatus. 2,410,217; Oct. 29.

Justesen, Aage C.: *See*—
Mason, Reginald D., and Justesen.

Jutte, Martha, administratrix: *See*—
Jutte, Walter J.

Jutte, Walter J., Fort Recovery, Ohio; M. Jutte, administratrix of said W. J. Jutte, deceased. Hay baler. 2,402,230; June 18.

Juul, Soren N.: *See*—
Vigmostad, Trygve, and Juul.

Juvinall, James W., La Grange Park, and G. Stuhlfauth, Chicago, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Glassworking apparatus. 2,405,504; Aug. 6.

K—C—M—Company, assignee: *See*—
Griesheimer, Rudolph N.

K-D Lamp Company, The, assignee: *See*—
Trautner, Wagn.

Kaa, August S., Los Angeles, Calif. Earring. 2,398,833; Apr. 23.

Kadan, Harry A., assignee: *See*—
Ingersoll, Nelson, Jr.

Kaddeland, Christen R., Shelton, Conn., assignor to Harris-Seybold-Potter Company, Cleveland, Ohio. Printing press control mechanism. 2,392,391; Jan. 8.

Kaddeland, Christen R., Shelton, Conn., assignor to Harris-Seybold-Potter Company, Cleveland, Ohio. Sheet gripper. 2,392,392; Jan. 8.

Kadenacy, Michel, Summit, N. J. Internal-combustion engine. 2,408,399; Oct. 1.

Kaegi, Hans: *See*—
Hartmann, Max, Miescher, Kaegi, and Bosshard.

Kaesler, Charles E., Syracuse, Kans. Grain elevator. 2,395,410; Feb. 26.

Kaesz, Stefan, Brooklyn, N. Y. Eyeshield for glasses. 2,403,223; July 2.

Kagan, Ralph: *See*—
Gardner, Percy, and Kagan.

Kahil, Abraham A., Ridgefield, N. J. Fabric. 2,401,828; June 11.

Kahil, Abraham A., Ridgefield, N. J. Fabric. 2,401,829; June 11.

Kahil, Abraham A., Ridgefield, N. J. Fabric and making same. 2,401,830; June 11.

Kahl, Charles N., assignor of one-half to L. A. Sullivan, Jacksonville, Ill. Engine. 2,398,378; Apr. 16.

Kahl, Charles N., assignor of one-half to L. A. Sullivan, Jacksonville, Ill. Engine. 2,399,743; May 7.

Kahl, Charles N., assignor of one-half to L. A. Sullivan, Jacksonville, Ill. Piston assembly. 2,409,868; Oct. 22.

Kahl, Joseph, New York, N. Y. Marine sampling bottle. 2,391,978; July 1.

Kahl, William J., New York, N. Y. Rotary scraper. 2,411,544; Nov. 26.

Kahn, Albert, assignee: *See*—
Roe, James.

Kahn, Alfred, Hollis, N. Y., assignor to Radio Corporation of America. System for frequency conversion and comparison of frequencies. 2,401,647; June 4.

Kahn, Benjamin, Gadsden, Ala. Pile, fringe, or the like. 2,398,645; Apr. 16.

Kahn, David A., Columbus, Ohio. Self-locking bolt. 2,407,160; Sept. 3.

Kahn, Frank, Philadelphia, Pa. Relative humidity meter. 2,411,041; Nov. 12.

Kahn, George, Lawrence, N. Y. Crisscross curtain. 2,410,662; Nov. 5.

Kahn, Milton, Mount Vernon, assignor to The Cofax Corporation, Long Island City, N. Y. Dry-adhesive tape roll dispenser. 2,400,881; May 28.

Kahn, Walter, Middelburg, Transvaal, Union of South Africa. Holder for labels, tags, and the like. 2,412,405; Dec. 10.

Kahr, Gustaf, Stockholm, Sweden. Manufacturing composite boards. 2,399,124; Apr. 23.

Kahr, Gustaf, Stockholm, Sweden. Manufacturing composite board structures. 2,401,648; June 4.

Kaighin, Hall Y., assignee: *See*—
Zimmermann, Robert.

Kain, Simon: *See*—
Kile, Eugene M., and Kain.

Kais, Achille, Detroit, Mich. Jack construction. 2,396,103; Mar. 5.

Kaiser Cargo, Inc., assignee: *See*—
Borngesser, Otto J.
De Ganahl, Carl.
Griswold, Owen H.

Kaiser, Donald W., Riverside, Conn., assignor to American Cyanamid Company, New York, N. Y. 3-ureido-1,2,4-triazoles and their preparation. 2,399,598; Apr. 30.

Kaiser, Donald W., Riverside, Conn., assignor to American Cyanamid Company, New York, N. Y. 5-ureido-1,2,4-oxadiazoles and their preparation. 2,399,599; Apr. 30.

Kaiser, Donald W., Riverside, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparation of 1,2,4-oxadiazoles. 2,403,723; July 9.

Kaiser, Donald W., Riverside, and R. L. Sperry, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. 2-thio-4,6-diamino-1,3,5-thiadiazine and salts thereof. 2,397,421; Mar. 26.

Kaiser, Donald W., and J. T. Thurston, Riverside, Conn., assignors to American Cyanamid Company, New York, N. Y. Acyl-guanylureas and their preparation. 2,397,667; Apr. 2.

Kaiser, Donald W., and J. T. Thurston, Riverside, Conn., assignors to American Cyanamid Company, New York, N. Y. Acyl dicyandiamides and salts thereof. 2,407,161; Sept. 3.

Kaiser, Edward: *See*—
Eksergian, Carolus L., Gasenssle, and Kaiser.

Kaiser Fleetwings, Inc., assignee: *See*—
Wood, Robert W.

Kaiser, Karl, El Centro, Calif., assignor to California Central Fibre Corporation. Decorticating apparatus. 2,399,809; May 7.

Kaiser, Karl, El Centro, Calif., assignor to California Central Fibre Corporation. Decorticating apparatus. 2,402,634; June 25.

Kaiser, Karl B., assignor to The Ingersoll Milling Machine Company, Rockford, Ill. Cutter. 2,413,452; Dec. 31.

Kaiser, Otto, assignor to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Metallizable triazine azo compounds. 2,396,659; Mar. 19.

Kaiser, Wilhelm: *See*—
Hentrich, Winfrid, and Kaiser.

Kaisler, Peter O., Milwaukee, Wis. Toy. 2,395,277; Feb. 19.

Kajita, Toshiji, and R. Inoue, Tokyo, Japan; vested in the Alien Property Custodian. Manufacturing artificial fiber from protein contained in soy-bean. 2,394,308; Feb. 5.

Kajita, Toshiji, and R. Inoue, Tokyo, Japan; vested in the Alien Property Custodian. Manufacturing artificial fiber from protein contained in soy-bean. 2,394,309; Feb. 5.

Kalart Company, Inc., The, assignee: *See*—
Castedello, William.
Schwartz, Hyman, and Castedello.
Schwartz, Morris, and Castedello.

Kalasign Company of America, assignee: *See*—
Ingersoll, Homer H.

Kalichevsky, Vladimir A.: *See*—
Payne, John W., Noll, and Kalichevsky.

Kallsher, Benjamin, assignor to Wood-Flex Fashions Inc., Poughkeepsie, N. Y. Handbag material. 2,404,846; July 30.

Kalister, Frank B., Cleveland, J. O. Stafford, Painesville, and F. J. Konyvka, Maple Heights, assignors, by mesne assignments, to Jack & Heintz Precision Industries, Inc., Cleveland, Ohio. Ball loading machine. 2,407,016; Sept. 3.

Kalitinsky, Andrew: *See*—
Buck, Richard S., and Kalitinsky.
Cronstedt, Val, and Kalitinsky.

Kalitinsky, Andrew, Eagleville, assignor to United Aircraft Corporation, East Hartford, Conn. Cylinder construction. 2,408,427; Oct. 1.

Kalitinsky, Andrew, Eagleville, assignor to United Aircraft Corporation, East Hartford, Conn. Scavenge system for engines. 2,410,448; Nov. 5.

Kalitinsky, Andrew, Eagleville, assignor to United Aircraft Corporation, East Hartford, Conn. Mounting for coolant tubes. 2,412,341; Dec. 10.

Kalix, John, Dayton, Ohio. Excavating device for subaqueous material. 2,400,882; May 28.

Kallas, Danos H., Brooklyn, A. W. Cizek, Jr., East Elmhurst, and H. Nestlen, Woodhaven, N. Y. Wear test machine. 2,412,221; Dec. 10.

Källe, Karl T., Saffle, Sweden. Device for removing particle deposits from gas purifying apparatus associated with gas generators. 2,409,211; Oct. 15.

Kallmann, Heinz E., Boston, Mass. Television receiving system. 2,394,917; Feb. 12.

Kallmann, Heinz E., Boston, Mass. Trolley with multicontact head for trackless trolley-fed vehicles. 2,396,049; Mar. 5.

Kallmeyer, Paul R., Jr., Ridgewood, N. J., assignor to Federal Telephone & Radio Corporation, New York, N. Y. Making selenium elements. 2,392,744; Jan. 8.

Kallusch, Camillo, Prerau, Moravia, vested in the Alien Property Custodian. Photographic roll film camera. 2,395,828; Mar. 5.

Kallusky, Clarence E., assignee: *See*— Kallusky, Philipp M.

Kallusky, Philipp M., Milwaukee, Wis., assignor of one-half to C. E. Kallusky, Wadena, Minn. Apparatus for preventing foaming. 2,412,342; Dec. 10.

Kalman Floor Company, Inc., assignee: *See*— Davis, Raymond E. Trozell, George Earl.

Kalman, Nicholas L., Rutherford, assignor to Ridbo Laboratories, Inc., Paterson, N. J. Treatment of abietyl compounds. 2,395,278; Feb. 19.

Kalman, Nicholas L., Rutherford, assignor to Ridbo Laboratories, Inc., Paterson, N. J. Preparing rosin hydrocarbons. 2,413,052; Dec. 24.

Kalmar, Arthur F., Riverside, assignor to Food Machinery Corporation, San Jose, Calif. Coating fruit. 2,412,686; Dec. 17.

Kalmar, Arthur F., and G. E. Stilwell, Riverside, assignors to Food Machinery Corporation, San Jose, Calif. Roll cleaner. 2,403,374; July 2.

Kalnitz, Joseph, Buffalo, N. Y. Antislipping device. 2,399,638; May 7.

Kals, William S., Vancouver, British Columbia, Canada, assignor to Graflex, Inc., Rochester, N. Y. Automatic operation of diaphragms and shutters of portrait cameras. 2,397,742; Apr. 2.

Kalske, John E., Washington, D. C. Convertible and adjustable article carrier. 2,394,782; Feb. 12.

Kalva Venders, Inc., assignee: *See*— Larimore, Harvey T.

Kamborian, Jacob S., West Newton, Mass. Shoe. 2,393,989; Feb. 5.

Kamborian, Jacob S., West Newton, Mass. Attaching shoe heels. 2,393,990; Feb. 5.

Kamborian, Jacob S., West Newton, Mass. Making shoes. 2,393,991; Feb. 5.

Kamborian, Jacob S., West Newton, Mass. Lasting machine. 2,394,310; Feb. 5

Kamborain, Jacob S., West Newton, Mass. Manufacture of footwear. 2,395,997; Feb. 19.

Kamen Soap Products Co., assignee: *See*— Blades, James.

Kamler, Ben R., Chicago, and D. L. Elam, Roselle, Ill., assignors to Alfred Crossley. Pickup. 2,396,703; Mar. 19.

Kamlet, Jonas, New York, N. Y., assignor to Miles Laboratories, Inc., Elkhart, Ind. Synthesis of riboflavin and intermediates therefor. 2,406,774; Sept. 3.

Kamm, Oliver: *See*— Jones, Edward G., and Kamm.

Kämmel, Ernst H.: *See*— Anschütz, Robert, and Kämmel.

Kammer, George S., High Austby, Middleton, near Ilkley, England. Fuel injection in internal-combustion engines. 2,398,834; Apr. 23.

Kammer, George S., Bradford, England. Fuel injection in internal-combustion engine. 2,407,610; Sept. 10.

Kammerer, Harry A., Mount Vernon, N. Y. Combination window sash. 2,395,742; Feb. 26.

Kandle, Charles W., Chicago, Ill. Earth drill. 2,401,250; May 28.

Kandoian, Armig G., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Directive antenna. 2,402,635; June 25.

Kane, Garold A.: *See*— Bowman, Kenneth K., and Kane.

Kane, James E. J.: *See*— Schneider, Helmuth G., and Kane.

Kane, John E., Bethel, assignor to The Frank H. Lee Company, Danbury, Conn. Hatmaking apparatus and operating same. 2,396,178; Mar. 5.

Kanhofer, Elmer R.: *See*— Day, Roland B., and Kanhofer.

Kanhofer, Elmer R., assignor to Universal Oil Products Company, Chicago, Ill. Isomerization of saturated hydrocarbons. 2,394,694; Feb. 12.

Kann, Eduard, Summit, N. J., now by judicial change of name to Edward Cann. Power press. 2,411,543; Nov. 26.

Kannee, Henry M., assignee: *See*— Lampe, Charles E., Sr.

Kannenberg, Walter F., Lyndhurst, and J. C. McCoy, Rutherford, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Making dry rectifiers. 2,395,743; Feb. 26.

Kanter, Jerome J., Palos Park, and W. V. Smith, assignors to Crane Co., Chicago, Ill. Variable velocity impact testing machine. 2,398,746; Apr. 16.

Kanter, Sam, Chicago, Ill. Pilot training apparatus. 2,396,660; Mar. 19.

Kantner, Leslie C., Jr., Los Angeles, assignor to Lockheed Aircraft Corporation, Burbank, Calif. Self-energizing grip. 2,400,514; May 21.

Kanuch, John: *See*— Oliver, Delbert S., and Kanuch.

Kao, Chung-Chin, New York, N. Y. Meteorological recording method and apparatus. 2,408,780; Oct. 8.

Kao, Chung-Chin, New York, N. Y. Chinese language typewriter and the like. 2,412,777; Dec. 17.

Kaphan, Ludwig, Brooklyn, N. Y. Ornamental fabric and production. 2,397,743; Apr. 2.

Kaphan, Ludwig, Brooklyn, N. Y. Decorative fabric and making same. 2,399,744; May 7.

Kaplan, Jacob J., Boston, Mass. Automatic recording apparatus. 2,409,358; Oct. 15.

Kaplan, Joseph, Brooklyn, N. Y. Grinding small holed bushings. 2,412,048; Dec. 3.

Kaplan, Leo I., and B. G. von Reis, assignors to Detroit Broach Company, Detroit, Mich. Machine tool cutter. 2,392,481; Jan. 8.

Kaplan, Nathan, Brooklyn, N. Y. Puzzle bank toy. 2,398,011; Apr. 9.

Kaplan, Samuel, assignee, et al.: *See*— Hamel, William W.

Kaplan, Saul, Rutherford, N. J., assignor to Onyx Oil & Chemical Company. Amino amide compounds. 2,407,703; Sept. 17.

Kaplan, Saul, Rutherford, N. J., assignor to Onyx Oil & Chemical Company. Manufacture. 2,410,382; Oct. 29.

Kaplan, William: *See*— Zerner, Ernst, and Kaplan.

Kapp, L. H., & Co., assignee: *See*— Grimm, Walter.

Kappeler, Fritz, Bulach, assignor to Aktiengesellschaft R. & E. Huber, Schweizerische Kabel-, Draht- und Gummiwerke, Pfaffikon, Switzerland. Rubber sole for sport shoes. 2,394,454; Feb. 5.

Kapusta, Adam, Milwaukee, Wis. Invalid chair. 2,397,790; Apr. 2.

Karabinos, Joseph V.: *See*— Patterson, Wilbur L., and Karabinos.

Karasick, Samuel, Great Barrington, Mass. Magnetic device. 2,404,072; July 16.

Karasik, Leo, New York, N. Y., assignor of fifty per cent to L. Milner, Chicago, Ill. Adjustable watch bracelet link. 2,412,812; Dec. 17.

Karnssik, Igor J., South Orange, assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Pumping unit. 2,393,691; Jan. 29.

Karavia, Sophie S., New York, N. Y. Combination lock. 2,394,188; Feb. 5.

Karbach, Arthur P., Jr., and V. D. Evans, Minneapolis, Minn.; said Karbach, Jr., assignor to The McBee Company, Athens, Ohio. Collating apparatus. 2,398,646; Apr. 16.

Karelius, Albert C., Altadena, Calif. Lathing. 2,408,781; Oct. 8.

Karfiol, Edward, Great Neck, and W. A. Roehm, Rockville Centre, assignors to Royal Lace Paper Works, Brooklyn, N. Y. Composite decorative material. 2,392,594; Jan. 8.

Karfiol, Edward, Great Neck, and W. A. Roehm, Rockville Centre, assignors to Royal Lace Paper Works, Brooklyn, N. Y. Making ornamental articles. 2,404,073; July 16.

Karl, George E., Liberty, Ind., assignor to General Implement Corporation, Cleveland, Ohio. Hoe wheel plate stamping. 2,406,500; Aug. 27.

Karle, John D., Roselle Park, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Universal surgical stitching instrument. 2,393,910; Jan. 29.

Karle, John D., Roselle Park, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Auxiliary release for the spool-holders of surgical stitching instruments. 2,393,911; Jan. 29.

Karle, John D., Roselle Park, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Surgical stitching instrument. 2,396,179; Mar. 5.

Karle, John D., Roselle Park, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Suture protecting means for surgical stitching instruments. 2,396,180; Mar. 5.

Karle, John D., Roselle Park, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Holder for surgical stitching instruments and accessories. 2,399,040; Apr. 23.

Karlson, Karl R.: *See*— Bordon, George C., Jr., and Karlson.

Karow, Edward O.: *See*— Waksman, Selman A., and Karow.

Karpen, S., & Bros., assignee: *See*— Schmidt, Edward.

Karr, Errol H., Tacoma, Wash., assignor to The Pennsylvania Salt Manufacturing Company, Philadelphia, Pa. Preparation of sodium arsenite. 2,396,465; Mar. 12.

Karrer, Paul, Zurich, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Thiophan-3-one and manufacture of same. 2,408,518; Oct. 1.

Karrer, Paul, Zurich, Switzerland, assignor to Hoffmann-La Roche, Inc., Nutley, N. J. Derivatives of 3,4-dihydroxy-thiophan and the manufacture of same. 2,410,948; Nov. 12.

Karrer, Paul, Zurich, and O. Isler, Basel, Switzerland, assignors to Hoffmann-La Roche Inc., Nutley, N. J. DI-Tocopherols and manufacture of same. 2,411,967; Dec. 3.

Karrer, Paul, Zurich, and O. Isler, Basel, Switzerland, assignors to Hoffmann-La Roche Inc., Nutley, N. J. Preparation of synthetic Di-Tocopherols. 2,411,968; Dec. 3.

Karrer, Paul, Zurich, and O. Isler, Basel, Switzerland, assignors to Hoffmann-La Roche Inc., Nutley, N. J. Preparation of synthetic Di-Tocopherols. 2,411,969; Dec. 3.

Karrer, Paul, Zurich, and O. Isler, Basel, Switzerland, assignors to Hoffmann-La Roche Inc., Nutley, N. J. 7, 8-Dimethyl Tocol and preparation of the same. 2,411,970; Dec. 3.

Karrer, Walter, Riehen, near Basel, Switzerland, assignor to Hoffman-La Roche Inc., Nutley, N. J. Liquid pharmaceutical preparation. 2,410,949; Nov. 12.

Kasch, Charles H., Davenport, Iowa. Gun mount. 2,392,851; Jan. 15.

Kase, Otto E.: *See*— Rice, Earl S., and Kase.

Kaser, Robert A., Dayton, Ohio, assignor to The Hydraulic Development Corporation, Inc., Wilmington, Del. Valve control mechanism. 2,395,969; Mar. 5.

Kashubeck, Archwood J., Cleveland, H. L. Spence, East Cleveland, and J. L. Eler, assignors to National Malleable and Steel Castings Company, Cleveland, Ohio. Draft gear. 2,395,187; Feb. 19.

Kassel, Louis S., assignor to Universal Oil Products Company, Chicago, Ill. Hydrogen halide recovery. 2,392,047; Jan. 1.

Kassel, Louis S., assignor to Universal Oil Products Company, Chicago, Ill. Recovery of hydrogen fluoride. 2,392,048; Jan. 1.

Kassel, Louis S., assignor to Universal Oil Products Company, Chicago, Ill. Effecting catalyzed reactions. 2,403,375; July 2.

Kassel, Louis S., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Catalytic conversion. 2,411,996; Dec. 3.

Kassouf, Samuel R., Cleveland, Ohio. Fluid pressure operated servo-motor. 2,398,229; Apr. 9.

Kastning, Ernest H., Mamaroneck, assignor to William R. Warner & Co. Inc., New York, N. Y. Production of basic aluminum chloride. 2,392,153; Jan. 1.

Kaszuba, Frank J., Binghamton, assignor to General Aniline Film Corporation, New York, N. Y. Nonstatic photographic film. 2,403,533; July 9.

Katcher, Morris, New York, N. Y. Driven member for friction clutches. 2,392,246; Jan. 1.

Katcher, Morris, New York, N. Y. Muffler. 2,392,247; Jan. 1.

Katcher, Morris, New York, N. Y. Oil filter. 2,400,200; May 14.

Katcher, Morris, New York, N. Y. Oil filter. 2,400,201; May 14.

Katz, Abraham: *See*— Temko, Richard S., and Katz.

Katz, Donald L., Ann Arbor, Mich., assignor to Phillips Petroleum Company. Absorption process. 2,413,503; Dec. 31.

Katz, Donald L., and A. K. Esterer, Ann Arbor, assignors to Hydraulic Brake Company, Detroit, Mich. Hydraulic pressure fluid. 2,402,754; June 25.

Katz, Meyer, Canoga Park, Calif. Lock device. 2,406,464; Aug. 27.

Katz, Morris, deceased, Bronx, N. Y.; S. Katz, administratrix. Paper bag. 2,400,759; May 21.

Katz, Philip, Riverside, Calif. Cutter for clothing. 2,401,831; June 11.

Katz, Sophie, administratrix: *See*— Katz, Morris.

Katzberg, Eugene, Bridgeport, assignor to United Aircraft Corporation, East Hartford, Conn. Reversible operating mechanism. 2,403,802; July 9.

Katzin, Martin, Riverhead, N. Y., assignor to Radio Corporation of America. Electromagnetic horn radiator. 2,398,095; Apr. 9.

Katzin, Martin, Washington, D. C., assignor to Radio Corporation of America. Two frequency electromagnetic horn radiator. 2,398,096; Apr. 9.

Katzman, James R., New York, N. Y. Removable body for hand trucks. 2,393,692; Jan. 29.

Katzman, Morris: *See*— Epstein, Albert K., and Katzman.

Katzman, Morris, Chicago, Ill., assignor to The Emulsol Corporation. Preparation of chemical compounds. 2,411,434; Nov. 19.

Kauffeld, Theodore J., Convent, assignor to American Type Founders, Incorporated, Elizabeth, N. J. Cylinder wash-up device. 2,393,992; Feb. 5.

Kauffman, Bergie L.: *See*— Miller, Joshua, and Kauffman.

Kauffman, Clayton O., Fullerton, Calif. House type dishwasher. 2,405,147; Aug. 6.

Kauffman, Jesse S., assignor to General Motors Corporation, Detroit, Mich. Automatic electric starter. 2,399,230; Apr. 30.

Kauffmann, Hans O., Eggertsville, E. S. Shanley, Kenmore, and R. L. McEwen, Williamsville, assignors to Buffalo Electro-Chemical Company, Inc., Tonawanda, N. Y. Textile treatment. 2,391,905; Jan. 1.

Kaufman, Charles E., assignor to Hall Laboratories, Inc., Pittsburgh, Pa. Treatment of water for boiler feed. 2,395,331; Feb. 19.

Kaufman, David S., Port Arthur, Tex., assignor to Texaco Development Corporation, New York, N. Y. Control of paraffin deposition. 2,394,189; Feb. 5.

Kaufman, Jonas, Hutchinson County, S. Dak. Perpetual calendar. 2,401,162; May 28.

Kaufman, Joseph M. S.: *See*— Krasnow, Shelley.

Kaufman, Leonard J., assignee: *See*— Dishmaker, Orville A.

Kaufmann, Dale W., Dearborn, Mich., assignor to International Salt Company, Incorporated, Scranton, Pa. Dissolving apparatus. 2,402,636; June 25.

Kaufmann, John J., Jr., Greenville, S. C., assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa. Loom shuttle. 2,403,724; July 9.

Kaufmann, John J., Jr., Greenville, S. C., assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa. Loom shuttle. 2,407,162; Sept. 3.

Kaufmann, John J., Jr., Greenville, S. C., assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa. Loom shuttle. 2,408,981; Oct. 8.

Kaufmann, John J., Jr., Greenville, S. C., assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa. Loom shuttle. 2,410,383; Oct. 29.

Kaufmann, Raymond M., Pittsburgh, Pa. Electric ignition control. 2,395,666; Feb. 26.

Kaul, Richard D., Fairfield, assignor to The Sealand Corporation, Southport, Conn. Thermoresponsive cable. 2,409,359; Oct. 15.

Kaupke, Lee H., La Grange, and L. E. Smith, Congress Park, Ill., assignor to International Harvester Company. Planter. 2,403,376; July 2.

Kauth, Henry J., Schenectady, N. Y. Making flame-resistant resins. 2,396,575; Mar. 12.

Kauth, Henry J., Rome, assignor to General Cable Corporation, New York, N. Y. Apparatus for coating wire. 2,394,066; Feb. 5.

Kautz, Frederick, Philadelphia, Pa. Structural member. 2,409,212; Oct. 15.

Kautz, Frederick, Norwood, Pa. Framing elements. 2,412,618; Dec. 17.

Kavanagh, Joseph A., assignor to International Business Machines Corporation, New York, N. Y. Registration indicator system. 2,412,516; Dec. 10.

Kawneer Company, The, assignee: *See*— Miller, James T. Peterson, Victor E.

Kay, Arthur J., Los Angeles, Calif. Cotton picker. 2,411,575; Nov. 26.

Kay-Fries Chemicals, Inc., assignee: *See*— Bitler, William P., and Nicholl. Flisik, Alvin C., Nicholl, and Bitler. Kesslin, George, and Nicholl. Nicholl, Leonard, and Bitler.

Kay Manufacturing Corporation, assignee: *See*— Krakauer, Abraham.

Kay, Paul, assignor to Ocean City Manufacturing Company, Philadelphia, Pa. Rod to reel connection. 2,409,940; Oct. 22.

Kaydon Engineering Corporation, The, assignee: *See*— Frauental, Harold. Morse, Richard K. Turner, Lee L.

Kayler, Frank H.: *See*— Kinne, Edmund P., and Kayler.

Kayler, Frank H., Alliance, Ohio, assignor to American Steel Foundries, Chicago, Ill. Coupler. 2,393,912; Jan. 29.

Kayler, Frank H., Alliance, Ohio, assignor to American Steel Foundries, Chicago, Ill. Coupler mechanism. 2,396,855; Mar. 19.

Kayser, Julius, & Co., assignee: *See*— Mack, Sterling C.

Kaysing, Ernest, assignor to Killark Electric Manufacturing Co., St. Louis, Mo. Threadless pipe connector. 2,393,252; Jan. 22.

Kaywood Corporation, assignee: *See*— Sherwood, Glenn L.

Kazamias, Michael, and F. Gubala, Pawtucket, R. I. Support for filling carriers. 2,395,188; Feb. 19.

Keahey, Frank S., assignor to Kirsch Company, Sturgis, Mich. Coupling. 2,405,148; Aug. 6.

Kear, Frank G., assignor to Washington Institute of Technology, Inc., Washington, D. C. Radio beacon system. 2,402,410; June 18.

Kear, Frank G., assignor to Washington Institute of Technology, Inc., Washington, D. C. Radio beacon system. 2,404,501; July 23.

Kearby, Kenneth K., Cranford, N. J., assignor to Standard Oil Development Company. Catalytic dehydrogenation of hydrocarbons. Re. 22,800; Oct. 8.

Kearby, Kenneth K., Elizabeth, N. J., assignor, by mesne assignments, to Jasco, Incorporated. Dehydrogenation of hydrocarbons. 2,395,875; Mar. 5.

Kearby, Kenneth K., Elizabeth, N. J., assignor to Standard Oil Development Company. Chemical process. 2,395,876; Mar. 5.

Kearby, Kenneth K., Elizabeth, N. J., assignor to Standard Oil Development Company. Dehydrogenation of hydrocarbons. 2,407,373; Sept. 10.

Kearby, Kenneth K., Elizabeth, N. J., assignor, by mesne assignments, to Jasco, Incorporated. Dehydrogenation of hydrocarbons. 2,408,146; Sept. 24.

Kearney, James R., Corporation, assignee: *See*—
Boothe, Eugene F.

Kearney, Norman L., Buffalo, N. Y., assignor, by mesne assignments, to Curtiss-Wright Corporation. Snubber. 2,407,958; Sept. 17.

Kearney & Trecker Corp., assignee: *See*—
Andrew, William K., and Lenert.
Armitage, John B., and Heywood.
Armitage, Joseph B., and Barker.
Armitage, Joseph B., and Eserkaln.

Kearns, Earl E., Erie, Pa., assignor to General Electric Company. Vehicle. 2,399,929; May 7.

Kearns, Henry, Pasadena, Calif., assignor, by mesne assignments, to Shellmar Products Corporation, Mount Vernon, Ohio. Plastic rivet. 2,402,287; June 18.

Kearny, Cresson H., U. S. Army. Inflatable boat. 2,391,906; Jan. 1.

Kearny, Cresson H., U. S. Army, Fort Clayton, Canal Zone. Boat. 2,407,666; Sept. 17.

Kearsley, William K., Schenectady, N. Y., assignor to General Electric Company. Electric blanket. 2,403,803; July 9.

Keasler, Gamewell S., Pendleton, S. C. Plow and cultivator gauge. 2,396,467; Mar. 12.

Keating, George H., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Catalyst production. 2,408,215; Sept. 24.

Keating, George H., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Catalyst manufacture. 2,409,494; Oct. 15.

Keating, Herbert J., Pasadena, assignor to Cherry Rivet Company, Los Angeles, Calif. Self-setting tubular rivet. 2,408,559; Oct. 1.

Keats, John L., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Titanium oxide pigment production. 2,406,465; Aug. 27.

Kebrich, Leonard M.: *See*—
Stewart, Alexander, Pitrot, and Kebrich.

Kebrich, Leonard M., Brooklyn, assignor to National Lead Company, New York, N. Y. Preparing normal lead salicylate. 2,410,977; Nov. 12.

Kebrich, Leonard M., and E. P. Peterson, Brooklyn, assignors to National Lead Company, New York, N. Y. Coating compositions. 2,406,609; Aug. 27.

Keck, Haas F., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Tractor and tank track. 2,392,988; Jan. 15.

Keech, Dana E., Riverside, assignor to Food Machinery Corporation, San Jose, Calif. Chain bearing seal. 2,411,214; Nov. 19.

Keefer, Walter L., assignor to Pangborn Corporation, Hagerstown, Md. Abrasive blasting. 2,399,680; May 7.

Keehn, Warner L., Spokane, Wash. Rivet. 2,398,532; Apr. 16.

Keehn, Warner L., Spokane, Wash. Plate clamp. 2,408,560; Oct. 1.

Keehn, Warner L., Spokane, Wash. Dual axle trailer. 2,408,561; Oct. 1.

Keeler Brass Company, assignee: *See*—
Jakeway, Gerald V.

Keeling, William O., and W. L. Glowacki, Pittsburgh, Pa., assignors to Koppers Company, Inc. Refining light-oil products. 2,400,883; May 28.

Keema, Alexander W.: *See*—
Walley, Herbert H., Jr., and Keema.

Keema, Alexander W., Providence, R. I., assignor, by mesne assignments, to Bay Products Corporation. Attachment for grinding machines. 2,407,835; Sept. 17.

Keen, Thomas A., San Mateo, Calif., assignor of one-half to H. M. Smith, Chicago, Ill. Annunciator system. 2,404,074; July 16.

Keenan, Dennis J., assignee: *See*—
Hammond, John V., and Keenan.

Keene, Kenneth L.: *See*—
Taber, John E., Jr., and Keene.

Keene, Samuel L., assignee: *See*—
Seitz, John G.

Keene, Walter L., Dormont, assignor to Superior Steel Corporation, Pittsburgh, Pa. Bimetallic products and manufacture thereof. 2,395,877; Mar. 5.

Keene, Walter L., Dormont, assignor to Superior Steel Corporation, Pittsburgh, Pa. Making bimetallic billets. 2,395,878; Mar. 5.

Keese, Beverly W.: *See*—
Buckendale, Lawrence R., and Keese.

Keese, Beverly W., Oshkosh, Wis., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Drive mechanism. 2,402,637; June 25.

Keese, Beverly W., Oshkosh, Wis., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Power take-off unit. 2,410,077; Oct. 29.

Keesling, Thomas B.: *See*—
Halt, James M., and Keesling.

Keest, Frank, Urbana, Ill. Combination chair and cot. 2,407,786; Sept. 17.

Keet, Gabriel C. E., Florida, Transvaal, Union of South Africa. Hair curler and the like. 2,395,555; Feb. 26.

Keet, Gabriel C. E., Florida, Transvaal, Union of South Africa. Devices for marking fabrics. 2,404,638; July 23.

Keevil, Henry W.: *See*—
Barnes, Walter C., and Keevil.

Kehle, Ottmar A., Van Nuys, Calif., assignor to Adel Precision Products Corp. Valved pump piston assembly. 2,404,502; July 23.

Kehle, Ottmar A., West Los Angeles, Calif., assignor to Adel Precision Products Corp. Flow control valve. 2,408,562; Oct. 1.

Kehle, Ottmar A., West Los Angeles, Calif., assignor to Adel Precision Products Corp. Hydraulic selector valve. 2,409,765; Oct. 22.

Kehoe, Joseph J., Newark, assignor to L. A. Cammack, East Orange, N. J. Permanent separating magnet. 2,405,655; Aug. 13.

Kehrer, Ernest, Belle Vernon, and C. E. Faust, Monessen, assignors to Pittsburgh Steel Company, Pittsburgh, Pa. Fence machine. 2,405,257; Aug. 6.

Kehse, Wolfgang, Berlin-Karlshorst, Germany; vested in The Alien Property Custodian. Electric current regulator with pressure loaded carbon-pile column. 2,403,534; July 9.

Keil, Havard L.: *See*—
Lloyd, Katherine, and Keil.

Keim, Simeon, Galt, and S. Bippus, Acampo, Calif. Scraper. 2,411,688; Nov. 26.

Keinath, George, Larchmont, N. Y. Line-for-line recorder. 2,393,639; Jan. 29.

Keinath, George, Larchmont, N. Y. X-Y-recorder. 2,400,828; May 21.

Keinath, George, Larchmont, N. Y., and R. K. Hellmann; said Hellmann assignor to Connecticut Telephone & Electric Division, Great American Industries Incorporated, Meriden, Conn. Recording indications. 2,393,638; Jan. 29.

Keinath, George, Larchmont, N. Y., and R. K. Hellmann; said Hellmann assignor to Connecticut Telephone and Electric Division, Great American Industries, Incorporated, Meriden, Conn. Recorder. 2,401,356; June 4.

Keiser, Bernhard: *See*—
De Groote, Melvin, and Keiser.

Keiser, David H., Jr., West Lawn, Pa. Shears. 2,407,237; Sept. 10.

Keiser, Earl I., assignee, et al.: *See*—
Sacher, William S.

Keister, James E., Scotia, N. Y., assignor to General Electric Company. Energy dissipator. 2,399,930; May 7.

Keith, Claude D., Lake Mahopac, N. Y., and J. F. O'Brien, Englewood, and S. Madsen, Bergendields, N. J., assignors and Court Order to I. M. Keith, administratrix of said C. D. Keith, deceased. Bottle transferring and carrying apparatus. 2,398,747; Apr. 16.

Keith, Earl E., assignee: *See*—
Jones, Russell R.

Keith, Irene M., administratrix, and assignee: *See*—
Keith, Claude D., and O'Brien, and Madsen.

Keith, James H., Cleveland, Ohio. Metallic tie for track rails. 2,398,942; Apr. 23.

Keith-Peabody, Inc., assignee: *See*—
Keith, William J.

Keith, William J., assignor to Keith-Peabody, Inc., Brookline, Mass. Closure. 2,403,287; July 2.

Keizer, Eugene O., Princeton, N. J., assignor to Radio Corporation of America. Adjustment and testing of crystal rectifiers. 2,408,858; Oct. 8.

Keibel, Donald W., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. One-way coupling device. 2,393,093; Jan. 29.

Keibel, Donald W., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Hydrodynamic coupling combined with gearing. 2,402,164; June 18.

Keibel, Domald W., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Transmission. 2,406,225; Aug. 20.

Kelco Company, assignee: *See*—
Clark, Donald E., Steiner, and Gibsen.

Kelderhouse, Austin H., Collins, Iowa. Feed mixer. 2,400,202; May 14.

Kelhoffer, Florence, Brooklyn, N. Y. Mechanotherapeutic equipment. 2,407,283; Sept. 10.

Keil, Ray D., Princeton, N. J., assignor to Radio Corporation of America. Television transmitter. 2,402,053; June 11.

Kellas, Elizabeth M., assignor of one-third to D. W. Wilson, Winnipeg, Manitoba, Canada. Wool clip. 2,411,857; Nov. 26.

Kelle, Arthur C., Stoughton, Mass., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Pipe coupling. 2,413,106; Dec. 24.

Kelleher, Daniel, Strongsville, assignor to The American Coach & Body Company, Cleveland, Ohio. Apparatus for working metal. 2,392,925; Jan. 15.

Kelleigh, Waldo J., Wayland, assignor to General Control Company, Cambridge, Mass. Electric switch. 2,411,576; Nov. 26.

Keller, Auguste V., Long Island City, N. Y., assignor, by mesne assignments, to H. Thompson, Minneapolis, Minn. Plastic composition and making. 2,404,910; July 30.

Keller, Cornelius H., San Francisco, Calif., assignor to The Dow Chemical Company, Midland, Mich. Flotation of sulphide ores. 2,405,581; Aug. 13.

Keller, Emil C., Detroit, and R. E. Spokes, Ann Arbor, Mich., assignors to American Brake Shoe Company. Friction element. 2,394,783; Feb. 12.

Keller, Ernst, assignor to J. R. Geigy A. G., Basel, Switzerland. Metallizable stilbene triazole azo compounds. 2,394,998; Feb. 19.

Keller, Frederick A., East Paterson, assignor to Bright Star Battery Company, Clifton, N. J. Battery. 2,411,272; Nov. 19.

Keller, George, Jr., Keyport, assignor to The Trucktor Corporation, Newark, N. J. Slipper spring block. 2,394,695; Feb. 12.

Keller, Hans, Wettingen, assignor to Aktiengesellschaft Brown, Boveri, & Cie, Baden, Switzerland. Rectifier with control electrodes. 2,398,647; Apr. 16.

Keller, Henry G., Glenside, Pa., assignor to Link-Belt Company. Producing toothed disks. 2,397,356; Mar. 26.

Keller, Herman L., Decherd, Tenn. Potato sacker. 2,407,017; Sept. 3.

Keller, Jakob, Zurich, Switzerland. Device for manufacturing thin-walled containers open at one end. 2,412,813; Dec. 17.

Keller, Philip B., Santa Monica, and D. Jelinek, Los Angeles, assignors to North American Aviation, Inc., Inglewood, Calif. Riveting. 2,395,667; Feb. 26.

Keller, Philip B., Santa Monica, and D. Jelinek, assignors to North American Aviation, Inc., Los Angeles, Calif. Securing device. 2,396,661; Mar. 19.

Keller, Philip B., Santa Monica, and D. Jelinek, Los Angeles, Calif., assignors to North American Aviation, Inc. Securing device. 2,397,076; Mar. 19.

Keller, Robert, Ennetbaden, assignor to Aktiengesellschaft Brown, Boveri & Cie, Baden, Switzerland. Device for measuring mechanical acceleration by electrical means. 2,401,163; May 28.

Keller, Russell J., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Frictional mechanism. 2,394,311; Feb. 5.

Keller, Theodore W., Council Bluffs, Iowa. Piezoelectric crystal holder. 2,394,999; Feb. 19.

Keller Tool Company, assignee: *See*—
Shaff, Ernest H.

Keller, Wade T.: *See*—
Farrington, Thayer B., Keller, and Farrington.

Keller, William C., and L. F. Fuday, assignors to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Bracket for supporting oxygen bottles or the like. 2,406,334; Aug. 27.

Keller, William J., Jersey City, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Cutting apparatus. 2,398,230; Apr. 9.

Keller, William M., Merion, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Side frame for railway car trucks and the like. 2,393,046; Jan. 15.

Kellett Aircraft Corporation, assignee: *See*—
Prewitt, Richard H.

Kellett, John, III: *See*—
Horton, Aaron W., and Kellett.

Kellett, John, III, M. M. Marisic, and A. A. O'Kelly, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Isomerization. 2,399,354; Apr. 30.

Kelley, Cecil S., Forest Hills, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Control device. 2,411,732; Nov. 26.

Kelley, Cecil S., Forest Hills, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Control device. 2,411,748; Nov. 26.

Kelley, Cecil S., Forest Hills, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Control device. 2,413,356; Dec. 31.

Kelley, Charles F., Chicago, Ill. Table. 2,409,495; Oct. 15.

Kelley, Daniel E., assignor to Gaw-O'Hara Envelope Company, Chicago, Ill. Scoring roll. 2,403,377; July 2.

Kelley, Ed. J., assignee: *See*—
Seifert, Frederick E.

Kelley, Edward G.: *See*—
Wall, Monroe E., and Kelley.

Kelley, Joseph J., Tucson, Ariz. Fountain pen. 2,405,958; Aug. 20.

Kelley, Joseph J., St. Louis, Mo. Fountain pen. 2,409,869; Oct. 22.

Kelley, Theron R., Springfield, Ohio, assignor to The National Supply Company, Pittsburgh, Pa. Exhaust gas deflector for internal-combustion engines. 2,409,496; Oct. 15.

Kellgren, Waldo: *See*—
Lundquist, William E., and Kellgren.

Kellgren, Waldo, assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Unified fibrous fabric. 2,410,078; Oct. 29.

Kellgren, Waldo, assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Pressure-sensitive adhesive. 2,410,079; Oct. 29.

Kellgren, Waldo, and W. D. Hurd, assignors to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Liner for adherent rubber surfaces and the like. 2,395,668; Feb. 26.

Kellog, Henry B., Union City, and H. C. Reynolds, Jr., Roselle Park, N. J., assignors to Standard Oil Development Company. Preserving paint in storage. 2,396,050; Mar. 5.

Kellog, Henry B., Union City, and W. J. Sparks, Elizabeth, N. J., assignors to Standard Oil Development Company. Emulsion polymerization process. 2,397,146; Mar. 26.

Kellogg, Donald S., Great Neck, assignor, by mesne assignments, to The W. L. Maxson Corporation, New York, N. Y. Electric drive. 2,395,000; Feb. 19.

Kellogg, Donald S., Jackson Heights, assignor, by mesne assignments, to The W. L. Maxson Corporation, New York, N. Y. Radio control system for moving vehicles. 2,397,477; Apr. 2.

Kellogg, Edward W., Indianapolis, Ind., assignor to Radio Corporation of America. Electrical servo system. 2,410,289; Oct. 29.

Kellogg, John L., assignor to John L. Kellogg & Co., Chicago, Ill. Making coffee extracts. 2,408,260; Sept. 24.

Kellogg, John L., & Co., assignee: *See*—
Kellogg, John L.

Kellogg, M. W., Company, The, assignee: *See*—
Belchetz, Arnold.
Creelman, George D., and Crowther.
Crowther, John P.
Gunness, Robert C., and Jewell.
Hopkins, Robert K.
Laying, Edwin T., and Goldwasser.
Passino, Herbert J.
Perkins, Myrle M., and Sellmeyer.
Solomon, Ernest, and Rubin.
Taylor, Hugh S., and Turkevich.
Van Orden, Leo J.

Kellogg, Spencer, 2nd: *See*—
Braddon, Frederick D., and Kellogg.

Kellogg, Spencer, and Sons, Inc., assignee: *See*—
Schwareman, Alexander.

Kellogg Switchboard and Supply Company, assignee: *See*—
Bellamy, John I.
Bosh, James E.
Brodie, George H.
Saunders, Norman H.

Kellogg, William M., Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Indicating system. 2,406,382; Aug. 27.

Kellogg, William M., Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated. High frequency apparatus. 2,410,080; Oct. 29.

Kells, Edward L.: *See*—
Miller, Glen W., Kells, and Larsen.

Kellum, Paul S.: *See*—
Williams, Harvey, and Kellum.

Kelly, Clyde W., assignor to Detroit Steel Products Company, Detroit, Mich. Closure construction. 2,394,784; Feb. 12.

Kelly, Daniel A., Milwaukee, Wis. Hand luggage attachments. 2,392,926; Jan. 15.

Kelly, Daniel P. J., assignee: *See*—
Stubbins, William.

Kelly Foundry and Machine Company, assignee: *See*—
Kelly, John F., and W. J.
Stewart, Frederick W., Reek, and Kelly.

Kelly, Frederick G., assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Meter relay. 2,395,669; Feb. 26.

Kelly, Frederick G., assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Resistor bulb. 2,398,892; Apr. 23.

Kelly, Frederick G., assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Thermopile for fire alarm systems. 2,410,218; Oct. 29.

Kelly, Frederick G., assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Meter. 2,411,997; Dec. 3.

Kelly, Gerald W., assignor to Saginaw Products Corporation, Saginaw, Mich. Lunette. 2,396,576; Mar. 12.

Kelly, Herbert W., Chicago, Ill., assignor to Mechanite Metal Corporation. Charging device. 2,394,552; Feb. 12.

Kelly, John F. and W. J., assignors to Kelly Foundry and Machine Company, Elkins, W. Va. Making molds. 2,411,998; Dec. 3.

Kelly, John W.: *See*—
Ledwinka, Joseph, and Kelly.

Kelly, John W., La Canada, Calif., assignor to Adel Precision Products Corp. Composite valve member. 2,397,269; Mar. 26.

Kelly, John W., La Canada, Calif., assignor to Adel Precision Products Corp. Hydraulic remote-control system. 2,397,270; Mar. 26.

Kelly, John W., La Canada, Calif., assignor to Adel Precision Products Corp. Hydraulic system. 2,410,978; Nov. 12.

Kelly, Matthew J.: *See*—
Stewart, Frederick W., Reek, and Kelly.

Kelly, Owen D., Joy, Ill. Post driving attachment for post hole diggers. 2,399,190; Apr. 30.

Kelly, Richard, London, England, assignor, by mesne assignments, to International Standard Electric Corporation, New York, N. Y. Power supply system for carrier communication systems. 2,395,670; Feb. 26.

Kelly, Theodore H.: *See*—
Kinser, Hartselle D., Kelly and Ferrara.

Kelly, Thomas C., Hinsdale, Ill. Bottle wadding machine and method. 2,412,089; Dec. 3.

Kelly, William D., Western Springs, Ill. Stop nut or the like. 2,399,639; May 7.

Kelly, William G., Inglewood, Calif. Toy pistol. 2,395,001; Feb. 19.

Kelly, William J.: *See*—
Kelly, John F. and W. J.

Kelsall, Frederick A., Boulder, Colo. Envelope opening device. 2,406,610; Aug. 27.

Kelsey-Hayes Wheel Company, assignee: *See*—
Forbes, Joseph A.
Sinclair, Charles W.

Kelsey, Walter, Tarrytown, assignor to Lord & Burnham Company, Irvington-on-Hudson, N. Y. Ship ladder. 2,401,251; May 28.

Kelso, Charles D., Crete, Ill., and C. E. Adams, Highland, Ind., assignors to Standard Oil Company, Chicago, Ill. Synthetic fusible amine resins and obtaining the same. 2,411,142; Nov. 19.

Kemler, Emory N.: *See*—
Smith, Marvin M., Fields, and Kemler.

Kemlite Laboratories, assignee: *See*—
Floyd, Oscar H.

Kemmer, George H., Arlington, Va. Comb. 2,395,002; Feb. 19.

Kemmerlin, Henry C., Tryon, N. C. Tubing expanding tool. 2,411,733; Nov. 26.

Kemmerling, George T., St. Paul, Minn. Piston rod packing retainer ring. 2,413,504; Dec. 31.

Kemner, Theodore B., Quincy, Ill. Scaffold clamp and coupling. 2,399,681; May 7.

Kemp, C. M., Manufacturing Company, The, assignee: *See*—
Kemp, William W.

Kemp, William W., assignor to The C. M. Kemp Manufacturing Company, Baltimore, Md. Radiant flame compression burner. 2,410,542; Nov. 5.

Kemper, Harry C.: *See*—
Groene, William F., and Kemper.

Kempthorn, David C., Akron, assignor to The Sun Rubber Company, Barberton, Ohio. Hollow rubber article and apparatus for producing same. 2,405,149; Aug. 6.

Kenaga, Eugene: *See*—
Fletcher, Fred W., and Kenaga.

Kendall Company, The, assignee: *See*—
Hall, Marvin J.
Ryan, John F.
Savage, Lawrence A.
Whitman, Ross C.

Kendall, Harold G., assignee: *See*—
Fritzinger, George H.

Kendall, James W.: *See*—
Potter, Charles E., and Kendall.

Kendall, John D., assignor to Ilford Limited, Ilford, England. Cyanine dyestuffs and dyestuff intermediates. 2,397,013; Mar. 19.

Kendall, John D., assignor to Ilford Limited, Ilford, England. Cyanine dyestuffs. 2,397,014; Mar. 19.

Kendall, John D., and D. J. Fry, assignors to Ilford Limited, Ilford, England. Sensitizing dyestuffs and dyestuff intermediates. 2,394,067; Feb. 5.

Kendall, John D., and D. J. Fry, assignors to Ilford Limited, Ilford, England. Dyestuffs and dyestuff intermediates. 2,394,068; Feb. 5.

Kendall, John D., and H. D. Edwards, assignors to Ilford Limited, Ilford, England. Dyestuff intermediates. 2,394,069; Feb. 5.

Kendall, John D., and D. J. Fry, assignors to Ilford Limited, Ilford, England. Cyanine dyestuffs. 2,395,879; Mar. 5.

Kendall, John D., and D. J. Fry, assignors to Ilford Limited, Ilford, England. Silver halide photographic emulsions. 2,397,015; Mar. 19.

Kendall, John D., D. J. Fry, and J. D. Brooks, Ilford, assignors to Ilford Limited, Essex, England. Improvers for photographic emulsions. 2,403,927; July 16.

Kendall, John D., and H. D. Edwards, assignors to Ilford Limited, Ilford, England. Beta-alkyl-thio acrolein mercaptals. 2,412,814; Dec. 17.

Kendall, John D., and H. D. Edwards, assignors to Ilford Limited, Ilford, England. Dicarbocyanine dyes. 2,412,815; Dec. 17.

Kendall, John D., and H. D. Edwards, assignors to Ilford Limited, Ilford, England. Polymethine dyestuffs. 2,412,816; Dec. 17.

Kende, George, Dobbs Ferry, assignor to Universal Camera Corporation, New York, N. Y. Binocular. 2,392,154; Jan. 1.

Kendig, Albert C., assignee: *See*—
Jacobson, Leo.

Kendrick, James B., Glendale, Calif., assignor, by mesne assignments, to Lockheed Aircraft Corporation. Indicator for radio controlled airplanes. 2,401,873; June 11.

Kendrick, John F., Elizabeth, N. J. Airplane landing gear. 2,398,145; Apr. 9.

Kenerson, Stanley M., assignor to The Standard Electric Time Company, Springfield, Mass. Electric signal device. 2,406,545; Aug. 27.

Kenison, Elden R.: *See*—
Allen, Howard G., and Kenison.

Kenna, Frank, assignee: *See*—
Hammond, Grant.

Kennametal Inc., assignee: *See*—
McKenna, Philip M.

Kennedy, Angus B., Chambersburg, Pa. Leaching apparatus. 2,405,105; July 30.

Kennedy, Charles A., assignee: *See*—
Breen, Thomas H.

Kennedy, Douglas J., Shawinigan Falls, Quebec, assignor to Shawinigan Chemicals Limited, Montreal, Quebec, Canada. Crotonic acid manufacture. 2,413,235; Dec. 24.

Kennedy, Harry E.: *See*—
Fowle, John M., and Kennedy.

Kennedy, Harry E., Berkeley, Calif., assignor to The Linde Air Products Company. Welding transformer. 2,411,921; Dec. 3.

Kennedy, Harvey T., Oakmont, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Geochemical prospecting method. 2,406,611; Aug. 27.

Kennedy, Harvey T., Oakmont, Pa., and P. L. Gassett, Flora, Ill., assignors to Gulf Research & Development Company, Pittsburgh, Pa. Treatment of oil and gas wells. 2,411,793; Nov. 26.

Kennedy, John A., Saco, Maine, assignor to Saco-Lowell Shops, Boston, Mass. Spindle adjusting device. 2,405,880; Aug. 13.

Kennedy, Luke F., Schenectady, N. Y., assignor to General Electric Company. Protection of electric systems. 2,398,648; Apr. 16.

Kennedy, Margaret H.: *See*—
Stokes, William E., and Kennedy.

Kennedy, Raymond A., Sioux City, Iowa. Electric fence. 2,400,829; May 21.

Kennedy, Verne C., Evanston, Ill., assignor to A. F. Dormeyer Mfg. Company. Power unit. 2,406,150; Aug. 20.

Kennedy, Walter W.: *See*—
Abrams, Victor R., and Kennedy.

Kennedy, Walter W., assignor to Barber-Colman Company, Rockford, Ill. Air distribution outlet. 2,392,393; Jan. 8.

Kennedy, Walter W., assignor to Barber-Colman Company, Rockford, Ill. Air distribution outlet. 2,407,284; Sept. 10.

Kennedy, Woodford A., and B. A. Southerland, Charlotte, N. C.; said Southerland assignor to said Kennedy. Device for indicating the unauthorized operation of registers. 2,411,273; Nov. 19.

Kennelly, Jeremiah D., Oak Park, Ill. Signal device. 2,409,046; Oct. 8.

Kenney, Basil E., Jr., Port St. Joe, Fla. Apparatus for removing bark from slabs. 2,397,490; Apr. 2.

Kenney, Clarence E.: *See*—
Allen, Robert C., Kenney, and Wilson.

Kenney, Leo G., Chicago, Ill. Stencil printing machine. 2,398,379; Apr. 16.

Kenney Manufacturing Company, assignee: *See*—
Cavanagh, John F.

Kensington Steel Company, assignee: *See*—
Anderson, Edmund C.

Kent, Earle L., assignor to C. G. Conn, Ltd., Elkhart, Ind. Frequency changing apparatus and method. 2,395,744; Feb. 26.

Kent, Earle L., assignor to C. G. Conn, Ltd., Elkhart, Ind. Phase modulation method and apparatus. 2,398,097; Apr. 9.

Kent, Earle L., assignor to C. G. Conn, Ltd., Elkhart, Ind. Apparatus for analyzing rotational unbalances. 2,405,430; Aug. 6.

Kent, Earle L., assignor to C. G. Conn, Ltd., Elkhart, Ind. Interval control mechanism. 2,409,941; Oct. 22.

Kent, Floyd A., and C. W. Patrick, Midland, Mich. Purifying and deodorizing crude oil. 2,400,515; May 21.

Kent, Frederick W., Chicago, Ill. Pneumatic hydraulic vise. 2,402,411; June 18.

Kent, Henry, New York, N. Y. Flint alloy. 2,408,400; Oct. 1.

Kent, Milton F.: *See*—
Savage, Marion A., and Kent.

Kent, Robert S., Brooklyn, N. Y. Char revivification apparatus. 2,400,935; May 28.

Kentro, Dan M.: *See*—
Allen, Charles F., and Kentro.

Kentucky Color and Chemical Company, assignee: *See*—
Todd, James D.

Kenworth Motor Truck Corporation, assignee: *See*—
Brown, Wallace M.
Holmstrom, John G., and Brown.

Kenworthy, Max S., assignor to C. L. Harsh, Portland, Oreg. Electrode holder. 2,403,086; July 2.

Kenyon, Bertrand F., assignor to Mechano Gear Shift Company, Grand Rapids, Mich. Torque-controlled liquid torque drive. 2,400,121; May 14.

Kenyon, David E., Smithtown, N. Y., assignor to Sperry Gyroscope Company, Inc. Electric circuit. 2,410,081; Oct. 29.

Kenyon, David E., Smithtown, N. Y., assignor to Sperry Gyroscope Company, Inc. High frequency electron discharge apparatus. 2,410,822; Nov. 12.

Kenyon Instrument Co., Inc., assignee: *See*—
Newell, Arthur T.

Kenyon, William O.: *See*—
Waugh, George P., and Kenyon.

Kenyon, William O., and W. F. Fowler, Jr., assignors to Eastman Kodak Company, Rochester, N. Y. Resinous condensation products. 2,397,548; Apr. 2.

Kenyon, William O., T. F. Murray, Jr., and L. M. Minsk, assignors to Eastman Kodak Company, Rochester, N. Y. Deesterification of copolymers of acrylic esters and vinyl esters. 2,403,004; July 2.

Kenyon, William O., and D. D. Reynolds, assignors to Eastman Kodak Company, Rochester, N. Y. Synthetic nitrogenous resins and intermediates therefor. 2,409,126; Oct. 8.

Keown, Roy L.: *See*—
Burgeni, Alfred, and Keown.

Kepler, Francis M., Upper Darby, Pa. Forming bent tubing. 2,406,838; Sept. 3.

Kerbawy, Haford G., Bilssfield, Mich., assignor to A. G. Kerby, Cleveland, Ohio. Sock drier. 2,400,203; May 14.

Kerber, Frederic: *See*—
De Laurentis, Peter F., and Kerber.

Kerby, Alexander G., assignee: *See*—
Kerbawy, Haford G.

Kerby, Floyd G.: *See*—
Kramer, Clarence F., and Kerby.

Kercher, Arthur J., Berkeley, Calif. Heating unit and control. 2,412,737; Dec. 17.

Keresztesy, John C., Westfield, and J. R. Stevens, assignors to Merck & Co., Inc., Rahway, N. J. Acyl derivatives of vitamin B_6. 2,412,272; Dec. 10.

Kerezi, Joseph, Detroit, and L. C. Maysilles, Wayne, Mich. Aircraft landing wheel. 2,412,406; Dec. 10.

Kerfoot, Henry M., Fairfield, Buxton, England. Machine for forming tablets or other articles from powdered material by compression. 2,398,146; Apr. 9.

Kerian, Louis, Grafton, N. Dak. Roller gauge sorting machine. 2,411,274; Nov. 19.

Kerker, Henry F.: *See*—
Lavett, Charles O., and Kerker.

Kerlo Corporation, assignee: *See*—
Flocker, Anthony M.

Kern, Emil, Long Island City, N. Y., assignor to Acco Products, Inc. Perforating device. 2,405,150; Aug. 6.

Kern, Jean G., Orchard Park, assignor to Allied Chemical & Dye Corporation, New York, N. Y. Anthraquinone acid dyestuff. 2,407,704; Sept. 17.

Kern, Lawrence, Philadelphia, Pa. Square finish photoengraved halftone printing plate and making same. 2,405,749; Aug. 13.

Kern, Walter: *See*—
Holbro, Theodor, Kern, and Sutter.

Kernahan, Ray, Portland, Oreg. Packsack. 2,407,787; Sept. 17.

Kerns, Richard H., Richmond, Ind. Bottle carrier. 2,399,549; Apr. 30.

Kerr, Charles, Jr.: *See*—
Brecht, Winston A., and Kerr.

Kerr, Charles E., Hoopeston, Ill., assignor to Food Machinery Corporation, San Jose, Calif. Multiple liquid measuring and mixing can filler. 2,393,382; Jan. 22.

Kerr, Howard J., Westfield, assignor to The Babcock & Wilcox Company, Rockleigh, N. J. Carbon-molybdenum steel product and making same. 2,396,704; Mar. 19.

Kerr, James G., Washington, D. C. Snap-out manifolding unit. 2,394,553; Feb. 12.

Kerr, James G., and P. M. Scott, Washington, D. C., assignors to Moore Business Forms, Inc. Manifolding assembly with erasure stub. 2,400,356; May 14.

Kerr, Theodore W., Jr., Seymour, Conn., assignor to United States Rubber Company, New York, N. Y. Insecticide. 2,402,896; June 25.

Kerr, Wallace E., Youngstown, Ohio. Metal drawing apparatus. 2,399,745; May 7.

Kerr, Wallace E., Youngstown, Ohio. Drawing machine. 2,404,234; July 16.

Kerr, Wallace E., Youngstown, Ohio. Stock feeding apparatus for drawing machines. 2,412,049; Dec. 3.

Kershaw, Henry, Belleville, N. J. Diamond cutting machine. 2,391,979; Jan. 1.

Kershaw, Henry, Belleville, N. J. Apparatus for exposing and developing films. 2,395,970; Mar. 5.

Kerst, Donald W., Champaign, Ill., assignor to General Electric Company. Magnetic induction accelerator. 2,394,070; Feb. 5.

Kertesz, Francois, Great Kills, Staten Island, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Metallic coating composition and structure produced therefrom. 2,397,744; Apr. 2.

Kerwer, Fred, Little Neck, assignor to Douglas Leigh, Inc., New York, N. Y. Electric razor. 2,396,181; Mar. 5.

Kerwin, John M., and S. H. Norton, assignors to Thompson Products, Inc., Cleveland, Ohio. Cold worked hollow stem valve. 2,411,734; Nov. 26.

Kesler, William C., and V. A. Ryan, assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Container closure. 2,413,453; Dec. 31.

Kessel, Johannes B., assignor to G. B. Von Kessel, Chicago, Ill. Juice extractor. 2,409,497; Oct. 15.

Kessenich, Gregory J.: *See*—
Thibodeau, Wilfred E., and Kessenich.

Kesses, Charles, New York, N. Y. Automatic focusing enlarger and contact printer. 2,397,668; Apr. 2.

Kessler, Althea D.: *See*—
Goland, Philip P., and Drew.

Kessler, Frank, Lombard, Ill., assignor to Automatic Electric Laboratories, Inc. Telephone system. Re. 22,813; Dec. 3.

Kessler, Louis, assignor to C. J. Muntwyler, Oak Park, Ill. Pump jack. 2,412,222; Dec. 10.

Kessler, Wilbur, Newtown Square, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Spreader stoker apparatus. 2,404,847; July 30.

Kessler, Wilbur, Newtown Square, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Spreader stoker apparatus. 2,404,848; July 30.

Kessiin, George, New York, and L. Nicholl, Nyack, N. Y., assignors to Kay-Fries Chemicals, Inc., West Haverstraw, N. Y. Di-l-isobutyl sebacate. 2,403,804; July 9.

Kestenman Bros. Mfg. Co., assignee: *See*—
Valcourt, Louis E.

Kester, George B., Tingley, Iowa. Snow plow. 2,410,543; Nov. 5.

Kester, Lynn C., Hereford, Tex. Toy fisherman. 2,406,466; Aug. 27.

Kesterton, Henry M., Wroxall, near Warwick, England. Controlling variable-speed power transmission mechanisms. 2,405,699; Aug. 13.

Kestner, Fred O.: *See*—
McFall, William W., and Kestner.

Keston, Albert S., New York, N. Y. Geiger-Müller counter. 2,409,498; Oct. 15.

Ketay, Morris F., and M. Sherman, Brooklyn, N. Y., assignor to Bendix Aviation Corporation, Teterboro, N. J. Indicating mechanism. 2,409,435; Oct. 15.

Ketcham, Elmer C., Spencer, Iowa. Combination radiator guard and tow unit for motor vehicles. 2,399,810; May 7.

Ketchem, Roy: *See*—
Sherman, Vernon W., and Ketchem.

Ketelbey, Frederick G., and G. Mason, Birmingham, England. Electrode holder for use in electric welding. 2,407,836; Sept. 17.

Ketheart, Frank C., assignor to Sears, Roebuck and Co., Chicago, Ill. Pinking shears. 2,395,897; Mar. 5.

Kettlewell, Eric, Kingsbury, London, England, assignor to General Electric Company. Seal for electric lamps and similar devices. 2,409,361; Oct. 15.

Kettering, Charles F., assignor to General Motors Corporation, Detroit, Mich. Temperature sensitive means. 2,399,640; May 7.

Kettering, Charles F., assignor to General Motors Corporation, Detroit, Mich. Automatic control. 2,407,555; Sept. 10.

Kettlewell, Eric, Kingsbury, London, England, assignor to General Electric Company. Seal structure for electric lamps and similar devices. 2,409,360; Oct. 15.

Keuffel & Esser Company, assignee: *See*—
Baker, Allister L.

Kew, Frank R., Bloomfield, and J. J. Bannon, Jr., North Arlington, assignors to Tung-Sol Lamp Works, Inc., Newark, N. J. Manufacture of miniature thermionic devices. 2,400,122; May 14.

Keyser, Jacob E.: *See*—
Goode, Russell F.

Keysor, Harold C., Chicago, Ill., assignor to American Steel Foundries, Chicago, Ill. Truck. 2,410,032; Oct. 29.

Keysor, Harold C., assignor to American Steel Foundries, Chicago, Ill. Spring assembly. 2,410,290; Oct. 29.

Keystone Manufacturing Co., The, assignee: *See*—
Wenk, Edward A.

Khalil, Seyed, assignor to The Western Union Telegraph Company, New York, N. Y. Facsimile system and apparatus. 2,396,705; Mar. 19.

Kharasch, Morris S., Chicago, Ill., assignor to Eli Lilly and Company, Indianapolis, Ind. Preparing α,β diaryl ethanes. 2,392,595; Jan. 8.

Kharasch, Morris S., Chicago, Ill., assignor to Eli Lilly and Company, Indianapolis, Ind. Synthetic oestrogens. 2,392,852; Jan. 15.

Kharasch, Morris S., Chicago, Ill., assignor to Eli Lilly and Company, Indianapolis, Ind. Producing substituted malonylchlorides. 2,397,669; Apr. 2.

Kharasch, Morris S., Chicago, Ill., assignor to Eli Lilly and Company, Indianapolis, Ind. Synthetic oestrogens. 2,402,054; June 11.

Kharasch, Morris S., Chicago, Ill., assignor to Eli Lilly and Company, Indianapolis, Ind. Unsaturated organic compounds. 2,404,235; July 16.

Kharasch, Morris S., and C. F. Fuchs, Chicago, Ill., assignors to Eli Lilly and Company, Indianapolis, Ind. Preparation of amino acids from their salts. 2,404,503; July 23.

Kharasch, Morris S., and C. F. Fuchs, Chicago, Ill., assignor to Eli Lilly & Company, Indianapolis, Ind. Unsaturated amines and making same. 2,409,287; Oct. 15.

Kiang, Piao, Washington, D. C. Fuse construction. 2,404,135; July 16.

Kiar, Mogens: *See*—
Collins, Henry M., and Kiar.

Kibler, Alfred L., St. Albans, W. Va. Tube bending machine. 2,396,182; Mar. 5.

Kibler, Charles J.: *See*—
Weissberger, Arnold, Kibler, and Vittum.
Weissberger, Arnold, Kibler, and Young.

Kibler, Paul J., Fort Wayne, Ind., assignor to Washington Institute of Technology, Inc., Washington, D. C. Automatic phase synchronizing system for synchronous motors. 2,402,055; June 11.

Kibler, Paul J., Fort Wayne, Ind., assignor to Farnsworth Television and Radio Corporation. Turnstile antenna. 2,412,090; Dec. 3.

Kickland, Clara I., Aberdeen, Wash. Suspender for artificial legs. 2,408,073; Sept. 24.

Kidde Manufacturing Co., Inc., assignee: *See*—
Freygang, Walter H.

Kidner, Henry G.: *See*—
Roche, Alleman H., and Kidner.

Kidwell, Ival E., Los Angeles, Calif. Vending machine. 2,413,454; Dec. 31.

Kiefer, Walter J., Belvidere, Ill. Seat support. 2,413,455; Dec. 31.

Kieffer, Jean, Norwich, Conn. Apparatus and method for sectional radiography. 2,400,516; May 21.

Kieffer, Raymond J., assignor to Columbus McKinnon Chain Corporation, Tonawanda, N. Y. Welding machine. 2,406,694; Aug. 27.

Kieft, Abram T., Grand Haven, Mich. Dish supporting bracket. 2,392,091; Jan. 1.

Kiehl, Ralph A., San Diego, Calif. World globe and scale. 2,408,651; Oct. 1.

Kiel, Julius H., et al., assignees: *See*—
Owen, Ira J.

Kiel, Karl B. W., Glashutte, Germany; vested in the Alien Property Custodian. Adding machine. 2,397,745. Apr. 2.

Kiel, Robert B., et al., assignees: *See*—
Owen Ira J.

Kielhorn, Harry F.: *See*—
Bax, Alfred R., Kielhorn, and Forney.

Kienle, Roy H., and C. A. Amick, Bound Brook, N. J., assignors to American Cyanamid Company, New York N. Y. Quinonyl sulphonamides in color compositions 2,394,918; Feb. 12.

Kienle, Roy H., and C. A. Amick, Bound Brook, N. J., assignors to American Cyanamid Company, New York, N. Y. Arylamine salts of anthraquinonesulphonic acids as printing aids. 2,405,151; Aug. 6.

Kienle, Roy H., and C. A. Amick, Bound Brook, N. Y., assignors to American Cyanamid Company, New York, N. Y. Quinonylamino-N-alkylenesulfonic acids as printing aids. 2,409,127; Oct. 8.

Kientz, Louis R. J., Paris; vested in the Alien Property Custodian. Making varnishes. 2,408,782; Oct. 8.

Kiernan, Adele, Racine, Wis. Hair curling device. 2,405,431; Aug. 6.

Kiesling, Le Roy H., Brooklyn, N. Y. Elevator system. 2,411,882; Dec. 3.

Kiest, Henry A., deceased, Knox, Ind., assignor to P. F. Kiest, Knox, Ind. Reel mount. 2,400,007; May 7.

Kiest, Pearl F., assignee: *See*—
Kiest, Henry A.

Kilborn-Sauer Company, The, assignee: *See*—
Sauer, Henry J.

Kilbride, Herbert F., Longmeadow, Mass. Grinding machine. 2,401,874; June 11.

Kilbury, Paul D., Hawthorne, Calif., assignor of one-half to J. W. Billingsley, Newton, Iowa. Dehydrator with removable trays. 2,412,407; Dec. 10.

Kilduff, John W., Amesbury, and R. G. Maurette, Beverly, assignors to Sylvania Electric Products Inc., Salem Mass. Fluorescent lighting fixture. 2,413,505; Dec. 31.

Kilchenmann, Walter, assignor to Sulzer Frères, Société Anonyme, Winterthur, Switzerland. Packing for cylindrical parts. 2,405,152; Aug. 6.

Kile, Eugene M., Akron, Ohio, and S. Kain, assignors to John E. Fast & Co., Chicago, Ill. Strip roll sealing machine. 2,395,125; Feb. 19.

Kile, Waymon R., Cartersville, Ga. Skip stitch tufting machine. 2,411,883; Dec. 3.

Kilgore Development Corporation, assignee: *See*—
Kilgore, Lowell B., and Weber.

Kilgore, George R.: *See*—
Shulman, Carl L., and Kilgore.

Kilgore, George R., Verona, N. J., assignor to Radio Corporation of America. Electron beam tube. 2,392,155; Jan. 1.

Kilgore, George R., Princeton, N. J., assignor to Radio Corporation of America. Electron discharge device. 2,401,740; June 11.

Kilgore, George R., Verona, N. J., assignor to Radio Corporation of America. Electron discharge device. 2,407,705; Sept. 17.

Kilgore, George R., Verona, N. J., assignor to Radio Corporation of America. Electron discharge device. 2,407,707; Sept. 17.

Kilgore, George R., Verona, N. J., assignor to Radio Corporation of America. Beam deflection electron discharge. 2,408,216; Sept. 24.

Kilgore, George R., Verona, N. J., assignor to Radio Corporation of America. Beam deflection electron discharge device. 2,409,499; Oct. 15.

Kilgore, George R., Princeton, W. R. Perris, Kingston, and C. Shulman, Princeton, N. J., assignors to Radio Corporation of America. Electron discharge device. 2,407,163; Sept. 3.

Kilgore, George R., Verona, and L. Malter, Newark, N. J., assignors to Radio Corporation of America. Electron discharge device. 2,407,708; Sept. 17.

Kilgore, Lee A.: *See*—
Jones, Maurice F., and Kilgore.

Kilgore, Lee A., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Damping for electrical machines. 2,409,213; Oct. 15.

Kilgore, Lee A., Forest Hills, and P. C. Smith, Wilkinsburg, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Fluid impeller drive. 2,397,183; Mar. 26.

Kilgore, Lee A., Wilkinsburg, and H. E. Criner, Forest Hills, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Oscillation generating system. 2,404,965; July 30.

Kilgore, Lowell B., and K. H. Weber, assignors to Kilgore Development Corporation, Washington, D. C. N-(Aetherified-acetyl) carbamic acid esters. 2,401,080; May 28.

Kilgore Manufacturing Company, assignee: *See*—
Watkins, Henry B.

Kilheffer, Lawrence D.: *See*—
Desch, Joseph R., and Kilheffer.

Kilian, Rudolph R., Baldwinsville, assignor to Lipe-Rollway Corporation, Syracuse, N. Y. Starting valve for reciprocating motors. 2,394,074; Feb. 5.

Killark Electric Manufacturing Co., assignee: *See*—
Kaysing, Ernest.

Killian, Ezekiel, assignor, by direct and mesne assignments, of one-fourth to E. L. Kotzen, one-fourth to S. R. Kotzen, one-fourth to M. E. Kotzen, and one-fourth to Howard C. Mohn Hosiery Co. Inc., Reading, Pa. Yarn feed means. 2,406,775; Sept. 3.

Killoran, Thomas C., Antioch, Ill. Refrigerating apparatus. 2,401,426; June 4.

Kilborn, Francis O'L., Watertown, and D. L. Spender, assignors to Scovill Manufacturing Company, Waterbury, Conn. Atomizer. 2,398,533; Apr. 16.

Kilpatrick, Edward L.: *See*—
Houghton, Joseph Y., and Kilpatrick.

Kilpela, Ano E., Detroit, Mich., assignor to Borg-Warner Corporation, Chicago, Ill. Transmission. 2,403,378; July 2.

Kilsby, Edward R.: *See*—
Jones, Robert V., Foster, and Kilsby.

Kimball, A., Company, assignee: *See*—
Welmont, Joseph.

Kimball, Albert W., Forest Hills, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Generator and power plant therefor. 2,394,075; Feb. 5.

Kimball, Albert W., Forest Hills, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control system. 2,411,377; Nov. 19.

Kimball, Arthur L., Schenectady, N. Y., assignor to General Electric Company. Washing machine. 2,406,226; Aug. 20.

Kimball, Donald E., 2nd: *See*—
Patience, William M., and Kimball.

Kimball, James L., Danvers, assignor to Ruggles-Klingemann Mfg. Co., Salem, Mass. Regulator. 2,404,849; July 30.

Kimball, Leo B., New Haven, Conn. Internal-combustion turbine. 2,407,164; Sept. 3.

Kimball, Richard H.: *See*—
Beanblossom, Joy E., and Kimball.

Kimball, Thomas B., Hammond, Ind., assignor to Sinclair Refining Company, New York, N. Y. Separating toluene. 2,410,166; Oct. 29.

Kimball, Vernon R.: *See*—
Dirkes, Robert F., Melick, and Kimball.

Kimbell, Arthur W., West Newton, Mass., assignor, by mesne assignments, to Boots Aircraft Nut Corporation, New Canaan, Conn. Nut device and installation therefor. 2,401,427; June 4.

Kimble Glass Company, assignee: *See*—
Bruckner, Robert E., and Harker, Hoyer, Arnold Z.

Kimmich, Willy C.: *See*—
Crosby, David R., and Kimmich.

Kincaid, Arnold W., assignee, et al.: *See*—
Robinson, Elvin B.

Kincaid, Elbert B., Cincinnati, Ohio, assignor to Container Corporation of America, Chicago, Ill. Window glass package. 2,392,927; Jan. 15.

Kincannon, Leo T., assignor to Metal Products Corporation, Milwaukee, Wis. Marine propeller drive. 2,402,197; June 18.

Kindermann, Wilfred J., Mount Vernon, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical terminal. 2,406,383; Aug. 27.

Kindermann, Wilfred J., Mount Vernon, and W. W. Werring, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Apparatus for and method of making contoured electrical resistance cards. 2,412,619; Dec. 17.

Kindervater, Julius, Richmond, Va., assignor to American Locomotive Company, New York, N. Y. Brake for power reverse gear. 2,394,785; Feb. 12.

Kindig, Arnie J., and J. W. Homer, assignors to T. B. Woods' Sons Company, Chambersburg, Pa. Clutch. 2,402,897; June 25.

Kindorf, Harry L., San Francisco, Calif. Universal multiple cable clamp. 2,394,518; Feb. 5.

Kinetic Chemicals, Inc., assignee: *See*—
Benning, Anthony F., Downing, and Park.
Benning, Anthony F., Downing and Plunkett.
Park, Joseph D., and Rhodes.

King, Arthur M., Phoenix, Ariz. Control means for aircraft. 2,398,710; Apr. 16.

King, Arthur S., Kansas City, Mo. Mechanical movement. 2,397,147; Mar. 26.

King, Benjamin F., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Center drill chuck. 2,408,652; Oct. 1.

King, Burnham W., Jr., Shaker Heights, assignor to The Harshaw Chemical Company, Elyria, Ohio. Enamel composition. 2,396,856; Mar. 19.

King, Charles S., assignor to Blockson Chemical Co., Joliet, Ill. Water treatment and composition. 2,395,126; Feb. 19.

King, Donald M., Todd's Green, near Stevenage, assignor of one-half to Geo. W. King Limited, Hitchin, England. Hydraulic conveyer driving mechanism. 2,402,056; June 11.

King, Edward B., Haslemere, England. Electrical switching device. 2,404,179; July 16.

King, Edward F., Oak Park, assignor of one-half to R. C. Helders, Chicago, Ill. Vehicle trailer. 2,408,401; Oct. 1.

King, Ellis G., Pittsburgh, assignor to Armstrong Cork Company, Lancaster, Pa. Container closure. 2,406,227; Aug. 20.

King, Ellis G., Pittsburgh, assignor to Armstrong Cork Company, Lancaster, Pa. Container closure. 2,406,298; Aug. 20.

King, Elmer I., Jeannette, Pa. Mechanic's square. 2,404,911; July 30.

King, Ernest J., New York, N. Y. Hat construction. 2,410,033; Oct. 29.

King, George D., Chicago, and M. C. Dailey, Elmhurst, Ill., assignors to United States Gypsum Company. Retarder. 2,412,156; Dec. 3.

King, George E., Swissvale, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control system. 2,406,424; Aug. 27.

King, George E., Swissvale, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control system. 2,406,425; Aug. 27.

King, George E., Swissvale, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control system. 2,406,426; Aug. 27.

King, George E., Swissvale, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control system. 2,408,217; Sept. 24.

King, George E., Swissvale, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control system. 2,411,162; Nov. 19.

King, George E., Swissvale, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control system. 2,411,378; Nov. 19.

King, George E., Swissvale, and W. H. Formbals, Forest Hills, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control system. 2,401,164; May 28.

King, Geo. W., Limited, assignee: *See*—
King, Donald M.

King, James: *See*—
Hamilton, Clarence R., King, and Baker.

King, James T., Burbank, Calif. Joint and clamp construction. 2,395,745; Feb. 26.

King, Jesse J., Dayton, Ohio. Seal for running shafts. 2,407,285; Sept. 10.

King, John H.: *See*—
Bostwick, Lee G., and King.

King, John W., Oak Park, and G. Stuhlfauth, Chicago, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Burr removing apparatus. 2,404,180; July 16.

King & Lang, Inc, assignee: *See*—
King, Robert J., and Thielcke.

King, Michael C.: *See*—
Billeter, Arno L., and King.

King, Milton D., Seattle, Wash. Guard for angle cocks for train lines. 2,411,735; Nov. 26.

King, Raymond B., Forest Park, and R. L. Huffman, assignors to Automatic Electric Laboratories, Inc., Chicago, Ill. Electromagnetic relay. 2,412,273; Dec. 10.

King, Reno C., New York, N. Y. Tackle block. 2,411,689; Nov. 26.

King, Robert J., New Canaan, assignor to The Photo Technical Corporation, Norwalk, Conn. Combined developer and fixer. 2,397,016; Mar. 19.

King, Robert J., New Canaan, and G. W. Thielcke, Norwalk, assignors to King & Lang, Inc., South Norwalk, Conn. Plasticizing rubber. 2,411,884; Dec. 3.

King, Robert W., Short Hills, N. J., assignor to American Telephone and Telegraph Company. Guiding means for self-propelled torpedoes. 2,409,632; Oct. 22.

King-Seeley Corporation, assignee: *See*—
Darnell, Rex C.
Ruby, Thomas M.

King, Vernon J., assignor to Rheem Research Products Incorporated, Baltimore, Md. Dyed metals. 2,393,640; Jan. 29.

King, Victor L.: *See*—
Dean, Russell T., and King.

King, Victor L., Bound Brook, N. J., assignor to American Cyanamid Company, New York, N. Y. Preparing dry amino heterocycles. 2,392,156; Jan. 1.

King, Wilbert A., Meriden, Conn., assignor, by mesne assignments, to Allied Chemical & Dye Corporation. Production of styrene compounds by pyrolysis. 2,395,829; Mar. 5.

King, Wilbert A., North Haven, J. Kleiner, Wallingford, Conn., and J. R. Clark, Nutley, N. J., assignors to Allied Chemical & Dye Corporation, New York, N. Y. Production of resin from acid-refining residue. 2,393,913; Jan. 29.

King, William N., Anoka, assignor to Federal Cartridge Corporation, Minneapolis, Minn. Finishing containers impregnated with wax. 2,413,144; Dec. 24.

King, William N., N. A. Romanchuk, and W. H. Ward, Anoka, assignors to Federal Cartridge Corporation, Minneapolis, Minn. Machine for dewaxing and lacquering paper shotgun shell cartridges. 2,411,042; Nov. 12.

Kingman, George F., Bridgeport, Conn., assignor to Raybestos-Manhattan, Inc., Passaic, N. J. Automatic cut-off roll. 2,396,104; Mar. 5.

Kingman, Russell B., Orange, N. J. Mute for stringed musical instruments. 2,405,700; Aug. 13.

Kingsbacher, Alvin: *See*—
Murphy, Walter F., and Kingsbacher.

Kingsbury Cotton Oil Co., assignee: *See*—
Peterson, Clarence J.

Kingsbury Machine Tool Corporation, assignee: *See*—
Adams, Charles R., and Clark.

Kingslake, Rudolf, and W. D. Orser, assignors to Eastman Kodak Company, Rochester, N. Y. Ocular. 2,393,782; Jan. 29.

Kingson, Nedra, Mount Vernon, N. Y. Wheeled toy vehicle. 2,401,937; June 11.

Kingston, Richard J., Ogden, Utah. Tile forming mold. 2,404,966; July 30.

Kingston, Walter E., Emporium, Pa., assignor to Sylvania Electric Products Inc. Metal-glass seal and sealing alloy. 2,394,919; Feb. 12.

Kingswood Manufacturing Co. Limited, assignee: *See*—
Hall, James.

Kinkead, Fullerton S., deceased, late of New York, N. Y., by Rita Smith Kinkend, administratrix, New York, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph system. 2,403,441; July 9.

Kinkead, Fullerton S., deceased, New York, by R. S. Kinkead, Trudau, N. Y., administrestrix, L. E. Melhuish, Glen Ridge, N. J., F. J. Singer, Rockville Centre, N. Y., and E. M. Smith, Montclair, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Data transmission system. 2,406,384; Aug. 27.

Kinkead, Fullerton S., deceased, New York, by R. S. Kinkead, administratrix, Trudau, and G. A. Locke, Glenwood Landing, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Communication system. 2,407,286; Sept. 10.

Kinkead, Rita S., administratrix: *See*—
Kinkead, Fullerton S.
Kinkead, Fullerton S., Melhuish, Singer, and Smith.

Kinkead, Robert E., Shaker Heights, Ohio. Arc welding. 2,402,165; June 18.

Kinnaird, James A., Bralswick, near Colchester, assignor to Bromilow and Edwards Limited, Bolton, England. Apparatus for loading and unloading moving floor vehicles. 2,409,870; Oct. 22.

Kinne, Edmund P., Alliance, Ohio, assignor to American Steel Foundries, Chicago, Ill. Coupler. 2,393,914; Jan. 29.

Kinne, Edmund P., Alliance, Ohio, assignor to American Steel Foundries, Chicago, Ill. Coupler. 2,408,653; Oct. 1.

Kinne, Edmund P., and F. H. Kayler, Alliance, Ohio, assignor to American Steel Foundries, Chicago, Ill. Coupler carrier. 2,400,049; May 7.

Kinnear, Reginald A., H. B. Chamberlain, J. F. McCanne, G. T. Falls, and J. C. Gordon, Beaumont, Tex., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Alkylation. 2,394,696; Feb. 12.

Kinneberg, Ivar H., and C. L. Thomas, Riverside, assignors to Universal Oil Products Company, Chicago, Ill. Organopolysulfide rubber. 2,411,275; Nov. 19.

Kinneberg, Ivar H., and C. L. Thomas, Riverside, assignors to Universal Oil Products Company, Chicago, Ill. Organopolysulfide rubber. 2,411,276; Nov. 19.

Kinney Company, The, assignee: *See*—
Glukes, Bernard R.

Kinney Manufacturing Company, assignee: *See*—
Barron, John T.

Kinney, S. P., Engineers, Inc., assignee: *See*—
Kinney, Selwyne P., and Hartwick.

Kinney, Selwyne P., assignee, et al.: *See*—
Kinney, Selwyne P., and Hartwick.

Kinney, Selwyne P., Crafton, Pa., assignor of one-fourth to R. C. Butler, one-fourth to J. M. Hughes, and one-fourth to J. H. Carter, Youngstown, Ohio, and one-fourth to J. B. Henry, Aspinwall, Pa. Tuyère. 2,398,098; Apr. 9.

Kinney, Selwyne P., Crafton, and L. M. Hartwick, Beaver, assignors to S. P. Kinney, doing business as S. P. Kinney Engineers, Pittsburgh, Pa. Butterfly valve. 2,393,170; Jan. 15.

Kinney, Selwyne P., Crafton, and L. M. Hartwick, Beaver, Pa., assignors, by mesne assignments, to S. P. Kinney Engineers, Inc., Pittsburgh, Pa. Car unloading device. 2,406,546; Aug. 27.

Kinnucan, James W., assignor to Continental Aviation and Engineering Corporation, Detroit, Mich. Accessory mechanism and drive for aircraft engines. 2,410,167; Oct. 29.

Kinnucan, James W., Detroit, Mich., and F. L. Prescott, Dayton, Ohio, assignors to Continental Aviation & Engineering Corporation, Muskegon, Mich. Engine. 2,400,830; May 21.

Kinnucan, Walter F., Chicago, Ill. Making latex tubes. 2,392,049; Jan. 1.

Kinsel, Anthony, Petrolia, Pa., assignor to L. Sonneborn Sons, Inc. Refining of petroleum hydrocarbon waxes. 2,392,853; Jan. 15.

Kinsella, Edward, Spondon, near Derby, assignor to British Celanese Limited, London W. 1, England. Textile machinery. 2,396,662; Mar. 19.

Kinsey, Hartselle D., Whiting, Ind., T. H. Kelly, and P. J. Ferrara, Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation. Cyclic process for making butadiene. 2,393,381; Jan. 22.

Kinyon, Brice W.: *See*—
Trumbull, Walter M., and Kinyon.

Kinzbach, Robert B., Houston, Tex. Stuffing box. 2,410,291; Oct. 29.

Kipp, Calvin P., Douglaston, N. Y. Tacker. 2,412,620; Dec. 17.

Kirby, Arthur J., assignee: *See*—
McCaffrey, Charles L.

Kirby, James B., West Richfield, Ohio. Driving mechanism. 2,397,869; Apr. 2.

Kirby, James B., West Richfield, assignor to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Laundry machine. 2,396,105; Mar. 5.

Kirby, James E.: *See*—
Hanford, William E., Kirby, and Woodward.

Kirby, James E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Processes of color photography and compositions and elements therefor utilizing polymeric quaternary ammonium dye intermediates. 2,396,275; Mar. 12.

Kirchdorfer, Henry N., Louisville, Ky. Hand truck. 2,396,953; Mar. 19.

Kircher, Reymond J., Neptune, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Harmonic generator. 2,407,667; Sept. 17.

Kirchhof, Julius, Ruxton, Baltimore, Md., assignor to Franklin Railway Supply Company, Inc., New York, N. Y. Poppet valve locomotive. 2,401,764; June 11.

Kirchhofer, Herman: *See*—
Breed, Carroll M., and Kirchhofer.

Kirchner, Henry P., Niagara Falls, and A. L. Ball, Lewiston, assignors to The Carborundum Company, Niagara Falls, N. Y. Coated abrasive. 2,410,506; Nov. 5.

Kirchner, Ignatz A., Vienna, Germany; vested in the Alien Property Custodian. Monolithic floor construction. 2,410,505; Nov. 5.

Kirk & Blum Manufacturing Company, The, assignee: *See*—
Hulton, Charles S.

Kirk, James H.: *See*—
Pinley, Willard L., and Kirk.

Kirk, Joseph S.: *See*—
Iler, Ralph K., and Kirk.

Kirk, Joseph S., Seven Hills, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Tanning compositions. 2,395,003; Feb. 19.

Kirk, Joseph S., Seven Hills Village, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical processes and products. 2,395,880; Mar. 5.

Kirk, Joseph S., Seven Hills Village, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Silicic acid sols. 2,408,654; Oct. 1.

Kirk, Joseph S., Seven Hills Village, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Process for producing silicic acid sols. 2,408,656; Oct. 1.

Kirkbridge, Frederick W., Frodsham, Warrington, England, assignor to Imperial Chemical Industries Limited. Purification of crude trichloroacetyl chloride. 2,399,641; May 7.

Kirkhill, Inc., assignee: *See*—
Lewis, Howard B., and Larson.

Kirkpatrick, James B., Woodbury, N. J., J. J. Somers, Philadelphia, Pa., and A. N. Sachanen, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Catalytic alkylation process. 2,406,776; Sept. 3.

Kirkpatrick, William J.: *See*—
Farinacci, Nicholas T., and Kirkpatrick.

Kirkpatrick, William J., Marshalltown, assignor to Hercules Powder Company, Wilmington, Del. Terpene isomerization. 2,393,915; Jan. 29.

Kirkpatrick, William J., Marshallton, assignor to Hercules Powder Company, Wilmington, Del. Cymene production. 2,402,898; June 25.

Kirkpatrick, Willis B., Scarsdale, N. Y. Apparatus for making ice. 2,400,517; May 21.

Kirkwood, Hugh F., York Village, Maine. Dispensing container. 2,392,535; Jan. 8.

Kirkwood, Loren R.: *See*—
Holst, Paul F. G., and Kirkwood.

Kirsch Company, assignee: *See*—
Keahey, Frank S.
Kirsch, Guy W.

Kirsch, Frank K., assignor to Briggs Manufacturing Company, Detroit, Mich. Bending machine. 2,400,151; May 14.

Kirsch, Guy W., Sturgis, assignor to Kirsch Company, St. Joseph, Mich. Venetian blind adjusting means. 2,405,153; Aug. 6.

Kirschbaum, Harry M., Detroit, Mich. Exhibiting instrument. 2,412,584; Dec. 17.

Kirschenbaum, Samuel, Brooklyn, N. Y. Liquid dispensing device. 2,411,435; Nov. 19.

Kirschman, H. Darwin, assignee: *See*—
Pomeroy, Richard D.

Kirschner, Otto S., Vashon, Wash. Surgical apparatus. 2,393,604; Jan. 29.

Kirsten, Kurt F. J., Seattle, Wash. Hull construction. 2,396,428; Mar. 12.

Kirsten Pipe Company, assignee: *See*—
Nye, William M.

Kirton, Wilford W., Salt Lake City, Utah. Gantry. 2,410,979; Nov. 12.

Kisch, Joseph, Maplewood, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Multiterminal pilot-wire relaying. 2,400,997; May 28.

Kisch, Louis A., Little Falls, assignor to Metal Textile Corporation, West Orange, N. J. Combined strainer and sump. 2,394,076; Feb. 5.

Kise, Mearl A.: *See*—
Crowder, John A., Kise, and Nesty.

Kise, Mearl, and R. F. Engle, Syracuse, assignors to The Solvay Process Company, New York, N. Y. Production of substituted succinic anhydrides. 2,411,215; Nov. 19.

Kiser, Archie E., assignee, et al.: *See*—
Kiser, Edward L.

Kiser, Darwin R., Emporium, Pa., assignor to Sylvania Electric Products Inc. Electrode for electron discharge. 2,398,012; Apr. 9.

Kiser, Edward L., St. Louis, Mo., assignor of one-fourth to H. L. Kiser, one-fourth to A. E. Kiser, and one-fourth to W. E. Kiser. Railway signal device. 2,411,095; Nov. 12.

Kiser, Howard L., assignee, et al.: *See*—
Kiser, Archie E.

Kiser, Nathiniel L.: *See*—
Mueller, William P., and Kiser.

Kiser, William E., assignee, et al.: *See*—
Kiser, Edward L.

Kisling, Norman L., Baltimore, Md. Capsule cleaner. 2,401,081; May 28.

Kisling, William L., St. Louis County, Mo. Deflector for air circulating units. 2,398,380; Apr. 16.

Kispert, Joseph J., Mount Carmel, Conn. Corset. Re. 22,773; July 23.

Kispert, Joseph J., Branford, Conn. Ventilated corset. 2,410,082; Oct. 29.

Kispert, Joseph J., Branford, Conn. Corset. 2,410,083; Oct. 29.

Kispert, Joseph J., assignor to I. Newman & Sons, Inc., New Haven, Conn. Garment. 2,407,885; Sept. 17.

Kissel, William H., Ludington, Mich. Window stop. 2,407,837; Sept. 17.

Kistinger, John, assignor, to Voland & Sons, Inc., New Rochelle, N. Y. Balance. 2,401,487; June 4.

Kistler, Samuel S., West Boylston, assignor to Norton Company, Worcester, Mass. Abrasive article and making the same. 2,406,385; Aug. 27.

Kistler, Samuel S., West Boylston, assignor to Norton Company, Worcester, Mass. Abrasive articles. 2,408,319; Sept. 24.

Kistner, Harold J.: *See*—
Rabenda, Edward J., and Kistner.

Kitaj, Walter: *See*—
Pfeffer, Edward C., Jr., and Kitaj.

Kitchen, Leland J.: *See*—
Pollard, Cash B., and Kitchen.

Kitchen, Sumner W.: *See*—
Read, Thomas A., Fusfeld, and Kitchen.

Kitchen, William H., Seattle, Wash. Welder's mask. 2,402,820; June 25.

Kittel, George P., West New York, and P. D. Wollner, Weehawken, assignors, by mesne assignments, to Aeroil Products Company, West New York, N. J. Vaporization burner. 2,396,577; Mar. 12.

Kittel, George P., West New York, and P. Wollner, Weehawken, assignors, by mesne assignments, to Aeroil Products Company, West New York, N. J. Apparatus for heating and melting materials. 2,396,578; Mar. 12.

Kittel, Howard S., Fort Worth, Tex., assignor to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Propeller handling mechanism. 2,395,411; Feb. 26.

Kittler, Milton J.: *See*—
Olson, Elmer, and Kittler.

Kitto, William H., Greentown, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,403,602; July 9.

Kitto, William H., Greentown, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,410,293; Oct. 29.

Kitto, William H., Canton, assignor to The Hoover Company, North Canton, Ohio. Refrigeration. 2,410,292; Oct. 29.

Kittredge, Raymond E., assignor to Link Aviation Devices, Inc., Binghamton, N. Y. Training device. 2,396,857; Mar. 19.

Kittrell, John, Durant, Okla. Nut cracking machine. 2,402,755; June 25.

Kivley, Ray C., Oak Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Tool guiding fixture. 2,412,458; Dec. 10.

Kjellgren, Bengt R. F., University Heights, assignor to The Brush Beryllium Company, Cleveland, Ohio. Recovering beryllium sulphate. 2,408,934; Oct. 8.

Klaasen, Leonard H.: *See*—
Cotter, Bart, Klaasen, and Archer.

Klasey, John H.: *See*—
Hodges, Ralph, and Klasey.

Klassen, Edward J., Los Angeles, Calif. Thermopressure gluing press. 2,411,043; Nov. 12.

Klatt, Leon: *See*—
Hohl, John, and Klatt.

Klauer Manufacturing Company, assignee: *See*—
Hoch, Grover C.

Klaus, Calvin C., Highland, Ill. Shoe. 2,403,442; July 9.

Klaus, Fred M.: *See*—
Klaus, Fred R. and F. M.

Klaus, Fred R. and F. M., Cleveland Heights, Ohio. Towing hitch for trailers. 2,399,746; May 7.

Klausner, Bertha: *See*—
Krasner, Harold E., and Klausner.

Klausnitzer, Frank, and G. W. Battles, Pittsburgh, Pa. Crutch. 2,398,534; Apr. 16.

Kleber, Jackson O., Long Island City, N. Y. Game board for the blind. 2,399,041; Apr. 23.

Klebsattel, Charles A.: *See*—
Mack, Gerry P., and Klebsattel.

Kleen Refrigerator, Inc., assignee: *See*—
Erland af Kleen, Nils.

Kleidon, Albert J., New Brighton, Minn. Ladder hoist. 2,405,505; Aug. 6.

Kleimack, Joseph J., Bayonne, and G. L. Pearson, Towaco, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Resistor device. 2,407,288; Sept. 10.

Klein, Clarence F., assignor to Frankenberg Bros., Inc., Columbus, Ohio. Paperboard coin box. 2,409,047; Oct. 8.

Klein, Clarence J.: *See*—
Rieger, Ernest W., and Klein.

Klein, David X., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Compounds of the naphthoquinone series. 2,399,355; Apr. 30.

Klein, Ferdinand C., Smithton, Mo. Seeder attachment for tractors. 2,400,646; May 21.

Klein, Gustav, Melrose Park, assignor to Caloric Gas Stove Works, Philadelphia, Pa. Door mounting for cooking stoves or the like. 2,410,980; Nov. 12.

Klein, Karl, Westport, Conn. Nail. 2,412,517; Dec. 10.

Klein, Philip I., and A. Z. Shevsky, U. S. Army, Charlotte, N. C. Dental instrument. 2,399,231; Apr. 30.

Klein, Robert A., New York, assignor of one-half to A. Kraus, Brooklyn, N. Y. Fruit cutter and squeezer. 2,404,382; July 23.

Klein, Victor G.: *See*—
Fox, Alexander P., Rotter and Klein.
Rotter, Lutwin C., and Klein.

Klein, Victor G., assignor to Lincoln Engineering Company, St. Louis, Mo. Packing. 2,399,550; Apr. 30.

Klein, Victor G., assignor to Lincoln Engineering Company, St. Louis, Mo. Reciprocating mechanism. 2,413,357; Dec. 31.

Kleineberg, Paul E., Easton, Pa., assignor to T. W. & C. B. Sheridan Company, New York, N. Y. Signature gathering machine. 2,413,358; Dec. 31.

Kleiner, Albert J., West Hempfield, assignor to Hamilton Watch Company, Lancaster, Pa. Escape and balance staff. 2,392,745; Jan. 8.

Kleiner, Julius: *See*—
King, Wilbert A., Kleiner, and Clark.

Kleinhans, Earl S., Santa Monica, and G. P. Peed, Jr., Pacific Palisades, assignors to Douglas Aircraft Company, Inc., Santa Monica, Calif. Control means for airfoils. 2,395,671; Feb. 26.

Kleinholz, Milton P., East Chicago, Ind., assignor to Sinclair Refining Company, New York, N. Y. Composition. 2,403,928; July 16.

Kleinicke, Werner E., Manhasset, assignor to The Johnson-March Corporation, New York, N. Y. Hand cleaner. 2,410,168; Oct. 29.

Kleinman, Jacob L., New York, N. Y. Reversible garment construction. 2,412,988; Dec. 24.

Kleinmann, Max, assignor to Dimple Tie Corporation, New York, N. Y. Lining for ties. 2,394,077; Feb. 5.

Kleinmann, Max, assignor to American Safety Razor Corporation, Brooklyn, N. Y. Package. 2,409,362; Oct. 15.

Kleinschmidt, Armin R., Mankato, Minn. Canning fresh water fish. 2,411,736; Nov. 26.

Kleinschmidt, Edward E., Highland Park, assignor to Teletype Corporation, Chicago, Ill. Automatic message exchange system. Re. 22,723; Feb. 19.

Kleinschmidt, Robert V., Stoneham, Mass., assignor to Arthur D. Little. Method of and apparatus for evaporating liquids and condensing vapors. 2,395,004; Feb. 19.

Kleinschmidt, Robert V., Stoneham, assignor to Arthur D. Little, Inc., Cambridge, Mass. Apparatus for distillation. 2,398,184; Apr. 9.

Kleiss, Louis D., Seattle, Wash., assignor to Phillips Petroleum Company. Catalytic contacting method. 2,392,798; Jan. 8.

Kleist, Herman W., assignor to Dole Refrigerating Company, Chicago, Ill. Cooling apparatus. 2,405,432; Aug. 6.

Kleist, Herman W., Chicago, Ill. Refrigerator car. 2,410,449; Nov. 5.

Kleist, Herman W., assignor to Dole Refrigerating Company, Chicago, Ill. Device for freezing foods. 2,405,834; Aug. 13.

Klemm, William F., Detroit, Mich. Center drill. 2,403,861; July 9.

Klemperer, Hans, Belmont, assignor to Raytheon Manufacturing Company, Newton, Mass. Controlled peaking transformer. 2,395,881; Mar. 5.

Klemperer, Hans, Belmont, assignor to Raytheon Manufacturing Company, Newton, Mass. Electrical apparatus. 2,397,966; Apr. 9.

Klemperer, Hans, Belmont, assignor to Raytheon Manufacturing Company, Newton, Mass. Circuit for electrical space discharge devices and operating same. 2,402,608; June 25.

Klemperer, Otto E. H., Iver, England, assignor to Electric and Musical Industries, Ltd. Electron lens. 2,412,687; Dec. 17.

Klemperer, Wolfgang B., West Los Angeles, Calif. Telltale. 2,400,152; May 14.

Klemperer, Wolfgang B., West Los Angeles, and S. J. Goldberg, Los Angeles, assignors to Douglas Aircraft Company, Inc., Santa Monica, Calif. Sighting device. 2,412,585; Dec. 17.

Klepp, Edwin C., Cricklewood, London, England, assignor to S. Smith & Sons (England) Limited. Electric ratiometer. 2,400,308; May 14.

Kleven, Samuel L., Augusta, Maine. Footwear. 2,393,539; Jan. 22.

Kleven, Samuel L., Augusta, Maine. Footwear. 2,393,540; Jan. 22.

Kleven, Samuel L., Augusta, Maine. Shoe. 2,407,556; Sept. 10.

Kliewer, Edward A., Sr., Longview, Tex. Engine exhaust muffler. 2,392,989; Jan. 15.

Kliever, Waldo H., Minneapolis, Minn., assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring apparatus. 2,407,838; Sept. 17.

Klimashesky, Edwin B., Minneapolis, Minn. Rubber balloon umbrella. 2,401,252; May 28.

Kline, Bernard L., Manhasset, and C. E. Mobius, Brooklyn, assignors to The Western Union Telegraph Company, New York, N. Y. Conductive paper. 2,400,544; May 21.

Kline, Hayden R., and L. S. Fryer, Cleveland, and R. D. MacLaurin, Bay Village, assignors to Industrial Rayon Corporation, Cleveland, Ohio. Manufacture of thread or the like. 2,394,519; Feb. 5.

Kline, John E., Grosse Pointe Farms, assignor to Micromatic Hone Corporation, Detroit, Mich. Honing tool. 2,411,545; Nov. 26.

Kline, Theodore S., and G. K. Rogers, assignors to Capital Machine and Welding Works, Sacramento, Calif. Hydraulic key seater. 2,392,536; Jan. 8.

Kling, Alfred G.: *See*—
Jorgenson, John P., and Kling.

Kling Bros. Engineering Works, assignee: *See*—
Jorgenson, John P., and Kling.

Kling, Fred E., Youngstown, Ohio, assignor to Carnegie-Illinois Steel Corporation. Ladle tilting apparatus. 2,393,695; Jan. 29.

Kling, Nelson G.: *See*—
Ashton, Benjamin N., and Kling.

Klinge Bros., Engineering Works, assignee: *See*—
Jorgenson, John P., and Kling.

Klinge, John, Dubuque, Iowa. Connecting link for chains. 2,397,148; Mar. 26.

Klingelhoefer, William C.: *See*—
Nesty, Glenn A., and Klingelhoefer.

Klinger, James D., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Bearing. 2,404,295; July 16.

Klingler, Emil, Korntal, O. Knapp, Flacht Kreis Leonberg, and M. Lutz, Stuttgart-Weilimdorf, Germany; vested in the Alien Property Custodian. Rubber insulation for metallic conductors. 2,395,785; Feb. 26.

Klinke, Henry O., Forest Hills, N. Y., assignor to Air Reduction Company, Incorporated. Method and apparatus for controlling torch spacing. 2,411,737; Nov. 26.

Klinzmann, Henry, Jr.: *See*—
Klinzmann, Henry, Sr., H., Jr., and L.

Klinzmann, Henry, Sr., H., Jr., and L., Haigler, Nebr. Utility hand cart. 2,399,642; May 7.

Klinzmann, Louis: *See*—
Klinzmann, Henry, Sr., H., Jr., and L.

Klocke, William, Woodhaven, N. Y. Mechanical drawing press. 2,404,181; July 16.

Klonaris, Eustathis N., Morgan City, La. Keel and prow stem for boats. 2,399,042; Apr. 23.

Kloner, Irving I., Brooklyn, N. Y. Extensible lighting fixture. 2,408,783; Oct. 8.

Kloote, George E., assignor to Haskelite Manufacturing Corporation, Grand Rapids, Mich. Apparatus for molding plywood panels. 2,412,274; Dec. 10.

Klopak, Joseph: *See*—
Olson, Theodore A., and Klopak.

Klopfenstein, Gerald J., assignor to S. F. Bowser & Company, Incorporated, Fort Wayne, Ind. Separable filter screen. 2,392,537; Jan. 8.

Klopovic, Joseph, Euclid, Ohio. Automatic nut gun. 2,412,275; Dec. 10.

Klopstock, Hans, London, and A. R. Neelands, Doncaster, England. Welding plates. 2,399,356; Apr. 30.

Kloran, James J., Cumberland, Md., assignor to Celanese Corporation of America. Twister ring. 2,397,491; Apr. 2.

Klose, Alfred J., Inglewood, Calif., assignor, by mesne assignments, to Consolidated Vultee Aircraft Corporation. Fuel container. 2,397,184; Mar. 26.

Klose, Milton, Manitowoc, Wis. Rotary lawn trimmer. 2,404,504; July 23.

Klossner, Stanley H., assignor to Divine Brothers Company, Incorporated, Utica, N. Y. Measured tension control for abrasive belt systems. 2,407,499; Sept. 10.

Klotz, Herman J.: *See*—
Brand, Samuel, and Klotz.

Klotz, John R. M.: *See*—
Littman, Edwin R., and Klotz.
Rice, Earl S., and Kase.

Klumb, Carl E., assignor to West Bend Equipment Corporation, West Bend, Wis. Hand lift truck. 2,399,043; Apr. 23.

Klumb, Stanley G., Milwaukee, Wis. Electric fence. 2,413,506; Dec. 31.

Knab, Emil D., Lake Parsipany, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Impaling instrument. 2,403,443; July 9.

Knapp, Harry L., Detroit, Mich. Metalworking machine. 2,401,165; May 28.

Knapp, Harry M.: *See*—
Butterfield, Joseph T., Knapp, and Runyon.

Knapp, Henry, Cranford, N. J. Water-heating apparatus. 2,402,899; June 25.

Knapp-Monarch Company, assignee: *See*—
Ward, Lawrence T.

Knapp, Otto: *See*—
Klingler, Emil, Knapp, and Lutz.

Knapp, Paul, Waynesboro, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Annular wick oiler. 2,391,980; Jan. 1.

Knapp, William G., assignor to C. P. Pelree, Evanston, Ill. Winding device. 2,409,942; Oct. 22.

Knauff, Mary A., Tucson, Ariz. Three-dimensional picture. 2,404,136; July 16.

Knauss, Richard H., Peoria, Ill. Internal-combustion engine. 2,407,788; Sept. 17.

Kneale, Ralph M., Cleveland Heights, Ohio. Transfer sheet. 2,408,147; Sept. 24.

Kneass, Strickland, Jr., Boylston, assignor to Morgan Construction Company, Worcester, Mass. Draft producing apparatus. 2,397,870; Apr. 2.

Knebel, Robert W.: *See*—
Brauer, Howard H., and Knebel.

Knecht, Margaret P., Muncie, Ind. Baby supporter. 2,404,505; July 23.

Kneisley Electric Company, assignee: *See*—
Kneisley, Richard F.

Kneisley, Richard F., assignor to Kneisley Electric Company, Toledo, Ohio. Article surfacing machine. 2,407,557; Sept. 10.

Kneissler, Walter: *See*—
Brill, Aron, and Kneissler.

Knickerbocker Development Corporation, assignee: *See*—
Heyer, Benjamin F. W.

Knight, George C., assignee, et al.: *See*—
Wilson, James E.

Knight, Milton A.: *See*—
Taylor, John A., and Knight.

Knight, Robert M., Chicago, Ill. Track for track laying vehicles. 2,410,507; Nov. 5.

Knobel, Max, Arlington, Mass. Tracking apparatus. 2,407,886; Sept. 17.

Knochel, William J.: *See*—
Cherry, Sidney J., Werner, and Knochel.

Knoizen, Arthur S.: *See*—
Russell, John D., Ball, and Knoizen.

Knoll, Alexander F.: *See*—
Hall, Harold E., and Knoll.

Knopp, Otto A., Oakland, Calif. Power survey instrument. 2,405,656; Aug. 13.

Knopp, Otto A., Oakland, Calif. Power survey instrument. 2,405,657; Aug. 13.

Knoth, Fred, Jr., Linden, and M. A. Pavlick, Elizabeth, N. J., assignors to Standard Oil Development Company. Surface coating for packaging polymers. 2,394,616; Feb. 12.

Knott, Clyde L., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Driving and stopping mechanism for sewing machines. 2,404,850; July 30.

Knott, Edward B., Harrow, England, assignor to Eastman Kodak Company, Rochester, N. Y. Photographic materials. 2,411,096; Nov. 12.

Knott, Edward B., Wealdstone, England, assignor to Eastman Kodak Company, Rochester, N. Y. Photographic emulsion. 2,411,546; Nov. 26.

Knott, John, Portland, Oreg. Star drill. 2,398,231; Apr. 9.

Knowland, Thomas M., Belmont, assignor to Boston Woven Hose & Rubber Company, Boston, Mass. Grinding of rubber scrap. 2,412,586; Dec. 17.

Knowles, Frank W., and H. A. Dudley, Seattle, Wash.; said Dudley assignor to said Knowles. Refrigerated locker. 2,404,851; July 30.

Knowles, Frank W., Seattle, Wash. Heat transfer device. 2,412,621; Dec. 17.

Knowles, Phillips H.: *See*—
Miller, David H., Knowles, and Hughes.

Knowlton, Cutler D., Rockport, assignor to Hoague-Sprague Corporation, Lynn, Mass. Boxmaking. 2,393,383; Jan. 22.

Knowlton, Cutler D., Rockport, and D. Edgar, Lynn, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J. Process and apparatus for glazing leather. 2,398,835; Apr. 23.

Knowlton, Cutler D., and F. R. Thresh, Beverly, assignors to Hoague-Sprague Corporation, Lynn, Mass. Article assembling. 2,400,153; May 14.

Knox, Harry A., Washington, D. C. Track shoe. 2,391,907; Jan. 1.

Knox, Harry A., Washington, D. C. Track shoe. 2,393,325; Jan. 22.

Knox, Harry A., Washington, D. C. Flexible idler. 2,393,993; Feb. 5.

Knox, Harry A., Washington, D. C. Steering brake. 2,395,882; Mar. 5.

Knox, Harry A., Washington, D. C. Clutch. 2,405,582; Aug. 13.

Knox, Joseph R.: *See*—
Gascoigne, George H., and Knox.

Knox, Samuel L. G., New York, N. Y. Elastic fluid engine. 2,405,359; Aug. 6.

Knudsen, Carl J., Tyler, Minn. Pole climber. 2,392,538; Jan. 8.

Knudsen, Earl, and H. H. Talbot; said Talbot assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Draw bench. 2,391,908; Jan. 1.

Knutson, Harold, assignor, by mesne assignments, to Paul Dickinson Company, Chicago, Ill. Ventilator. 2,410,950; Nov. 12.

Kobe, Inc., assignee: *See*—
Mestas, Ricardo.

Kobel, Ernst, Ennetbaden, assignor to Aktiengesellschaft Brown, Boverie & Cie, Baden, Switzerland. Current collector for rotating machines. 2,401,166; May 28.

Kobilsky, Manuel J.: *See*—
Ziegler, Marc, and Kobilsky.

Koch, Carl E., assignor to American Beauty Products Co., Chicago, Ill. Drying apparatus. 2,404,732; July 23.

Koch, Clarence W., St. Louis, Mo. Typewriter table. 2,402,412; June 18.

Koch, Eleanor J., assignee: *See*—
Cantrell, Frank J.

Koch, Fred C., Wichita, Kans. Apparatus for effecting intimate contact between gases and liquids. 2,401,569; June 4.

Koch, Henry, Jamaica, assignor to Dictograph Products Company, Inc., New York, N. Y. Bone conduction audiphone. 2,405,433; Aug. 6.

Koch, Lydia B., assignee: *See*—
Boyd, Ruth O.

Koch, Stanley J., Clifton, assignor to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Contact terminal for electron tubes. 2,398,535; Apr. 16.

Koch, Stanley J., Clifton, and J. H. Robillard, East Orange, assignors to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Electron gun structure. 2,396,014; Mar. 5.

Koch, Wilfred D., Troyeville, Johannesburg, Transvaal, Union of South Africa. Internal-expanding braking device. 2,401,938; June 11.

Koch, William W., assignor to Hercules Powder Company, Wilmington, Del. Plastic composition. 2,397,320; Mar. 26.

Koch, Winfield R., Haddonfield, N. J., assignor to Radio Corporation of America. Program control receiver. 2,392,672; Jan. 8.

Koch, Winfield R., Haddonfield, N. J., assignor to Radio Corporation of America. Measuring mechanical impedance. 2,394,455; Feb. 5.

Koch, Winfield R., Haddonfield, N. J., assignor to Radio Corporation of America. Oscillator circuits. 2,395,746; Feb. 26.

Koch, Winfield R., Haddonfield, N. J., assignor to Radio Corporation of America. Automatic frequency control. 2,404,852; July 30.

Koch, Winfield R., Haddonfield, N. J., assignor to Radio Corporation of America. Superregenerative receiver circuits. 2,410,981; Nov. 12.

Koch, Winfield R., Haddonfield, N. J., assignor to Radio Corporation of America. Record reproduction circuit. 2,410,982; Nov. 12.

Koch, Winfield R., Haddonfield, N. J., assignor to Radio Corporation of America. Discriminator-rectifier circuit. 2,410,983; Nov. 12.

Kocher, Ernst, assignee: *See*—
Kocher, Friedrich.

Kocher, Friedrich, assignor to E. Kocher, Berne, Switzerland. Drilling and milling device. 2,395,628; Feb. 26.

Kock, Winston E., Terrace Park, assignor to The Baldwin Company, Cincinnati, Ohio. Oscillation generator. 2,400,309; May 14.

Koebel Diamond Tool Company, assignee: *See*—
Lindqvist, Olof V., and Martin.

Koehane, Katherine, Jackson Heights, N. Y. Snow and rain protector garment. 2,411,922; Dec. 3.

Koehler, Egon, Tulsa, Okla. Hydraulic surge damper. 2,401,570; June 4.

Koehn, Otto F.: *See*—
Booharin, Leo Y., Tiedtke, and Koehn.

Koehring Company, assignee: *See*—
Beckwith, Raymond A.
Graham, Frederick D.
Lichtenberg, Erich H.
Vaughn, George A.

Koenig, Edgar A.: *See*—
Statham, Thomas R., Koenig, and Caldwell.

Koehler, Gustave J., Dayton, Ohio. Fluid valve. 2,407,789; Sept. 17.

Koehring, Roland P.: *See*—
Marvin, John T., and Koehring.

Koenig, Aaron, Far Rockaway, N. Y. Finger ring construction. 2,408,982; Oct. 8.

Koenig, Walter, Jr., Clifton, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Analysis and representation of complex waves. 2,403,982; July 16.

Koenig, Walter, Jr., Clifton, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Representation of complex waves. 2,403,983; July 16.

Koenig, Walter, Jr., Clifton, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sound reproduction. 2,403,985; July 16.

Koenig, Walter, Jr., Clifton, N. J., and A. E. Ruppel, Queens Village, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Representation of complex waves. 2,403,984; July 16.

Koepnick, Robert C., Dayton, Ohio, D. I. Patt, Providence, R. I., and F. E. Randall, New Philadelphia, Ohio. Glove-size tester. 2,406,386; Aug. 27.

Kögel, Wilhelm G., Stockholm, Sweden. Absorption refrigeration apparatus. 2,402,413; June 18.

Kögel, Wilhelm G., Stockholm, Sweden. Refrigeration. 2,402,414; June 18.

Kögel, Wilhelm G., Stockholm, Sweden. Refrigeration. 2,402,416; June 18.

Kögel, Wilhelm G., and N. E. Widell, Stockholm, Sweden. Absorption refrigerating apparatus. 2,402,415; June 18.

Kögel, Wilhelm G., and N. E. Widell, Stockholm, Sweden. Refrigeration. 2,402,417; June 18.

Kohl, Everard F., Cleveland, Ohio. Impermanent pattern and the preparing molds. 2,400,831; May 21.

Kohl, Everard F., Cleveland, Ohio. Circuit interrupting device. 2,410,663; Nov. 5.

Kohler, Fred, assignor to Induction Heating Corp., New York, N. Y. Composition adapted for inductive heating and using same. 2,393,541; Jan. 22.

Kohler, George O.: *See*—
Graham, William R., Jr., Kohler, and Hoover.

Kohler, Henry F., Baytown, Tex., assignor to Standard Oil Development Company. Hydrogenating olefins. 2,403,288; July 2.

Kohlhepp, Henry R., Saginaw, assignor to American Box Board Company, Grand Rapids, Mich. Packing for collapsible tubes. 2,398,536; Apr. 16.

Kohlhepp, Norman, Louisville, Ky., assignor to Reynolds Metals Company, Richmond, Va. Apparatus for melting finely divided aluminum and alloys and other metals. 2,402,498; June 18.

Kohout, George A., Chicago, Ill. Stoker. 2,398,431; Apr. 16.

Kohring, Wilbur M., Lakewood, Ohio, assignor to Continental Carbon, Inc. Attachment insert. 2,400,647; May 21.

Kokatnur, Vaman R., assignor to Autoxygen, Inc., New York, N. Y. Anhydrous caustic alkalis and preparing same. 2,393,108; Jan. 15.

Kokatnur, Vaman R., assignor to Autoxygen Inc., New York, N. Y. Crystallizing hygroscopic inorganic compounds. 2,394,244; Feb. 5.

Kolarik, John, Brooklyn, N. Y. Traction splint. 2,413,053; Dec. 24.

Kolarik, John, Brooklyn, N. Y. Caliper brace. 2,413,634; Dec. 31.

Koletzko, Paul, assignee, et al.: *See*—
Engler, Herman.

Kollath, Francis C., Chicago, Ill. Lamp guard and handle. 2,394,697; Feb. 12.

Kollen, Myron H., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Hydraulic fluid and lubricating oil. 2,398,943; Apr. 23.

Kollen, Myron H., Detroit, Mich., assignor to Union Oil Company of California, Los Angeles, Calif. Composition of matter suitable as a hydraulic fluid. 2,408,983; Oct. 8.

Kollenberg, Conrad H., Goose Creek, Tex., assignor to Standard Oil Development Company. Catalytic cracking process. 2,407,374; Sept. 10.

Koller, Ernst, Basel, Switzerland. Foldable stretcher. 2,394,245; Feb. 5.

Koller, Lewis R., Schenectady, N. Y., assignor to General Electric Company. Liquid settling process. 2,402,900; June 25.

Kols, Jacob A., Columbus, Ohio. Apparatus for waving hair. 2,392,157; Jan. 1.

Kolter, Robert M.: *See*—
Chamberlain, Earl B., and Kolter.

Kolter, Robert M., Decatur, Ind. Wire enameling die. 2,407,337; Sept. 10.

Kominek, Edward, Jr.: *See*—
Gustafson, Hilding B., and Kominek.

Komroff, Paul, Flushing, N. Y., S. Pitt, Westfield, and D. V. Waters, Flemington, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Material working apparatus. 2,392,482; Jan. 8.

Konen, Harry J.: *See*—
Buxton, Loran O., and Konen.

Kongsted, Ludvig P., Longmeadow, assignor to American Bosch Corporation, Springfield, Mass. Magneto ignition system. 2,395,629; Feb. 26.

König, Rezso, Á. Gerecs, and Z. Földi, Budapest Hungary; vested in the Alien Property Custodian. Preparation of vitamins of the type B_1. 2,393,109; Jan. 15.

Konikoff, Robert H., Jackson Heights, assignor to Hammel, Riglander & Co. Inc., New York, N. Y. Spring bar. 2,392,092; Jan. 1.

Koning, Gerald, Muskegon, Mich. Machinist's gauge. 2,397,492; Apr. 2.

Konrad, William L., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Test set for communication apparatus. 2,398,381; Apr. 16.

Konter, August P., Shaker Heights, Ohio. Moving apparatus and control therefor. 2,401,082; May 28.

Konter, Richard W., New York, N. Y. Harp. 2,401,571; June 4.

Konyvka, Frank J.: *See*—
Kallster, Frank B., Stafford, and Konyvka.

Koolnik, Stanley R., assignor to Display Cartons Company, New York, N. Y. Portable bottle carrier. 2,397,549; Apr. 2.

Koos, Paul V., Manhasset, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Teletypewriter switchboard. 2,408,074; Sept. 24.

Koper, Charles H., Needham, Mass., assignor to B. F. Sturtevant Company, of Hyde Park, Boston, Mass. Heat exchanger. 2,399,357; Apr. 30.

Kopetz, George E., Pittsburgh, assignor to Blaw-Knox Company, Blawnox, Pa. Lubricated shaft bearing. 2,398,944; Apr. 23.

Kopp, Carl J.: *See*—
Gillette, Harold R., Kopp, and Gillette.

Kopp, Sigmund, Glen Rock, N. J., assignor to American Locomotive Company, New York, N. Y. Heat exchanger. 2,411,097; Nov. 12.

Kopp, Sigmund, Glen Rock, N. J., assignor to American Locomotive Company, New York, N. Y. Heat exchanger. 2,411,436; Nov. 19.

Koppel, Charles, Robbinsville, N. J. Cylinder and dial knitting machine. 2,399,439; Apr. 30.

Koppel, Charles, Robbinsville, N. J. Cylinder and dial knitting machine. 2,399,440; Apr. 30.

Koppel, Charles, Robbinsville, N. J. Cylinder and dial knitting machine. 2,401,083; May 28.

Koppel, Ernest R., assignor to A. O. Smith Corporation, Milwaukee, Wis. Chuck. 2,407,083; Sept. 3.

Koppelman, Theodore, Scranton, Pa. Pants pocket construction. 2,412,622; Dec. 17.

Koppen, Otto C., Newton, Mass. Spoiler control means for airplanes. 2,410,855; Nov. 12.

Koppen, Otto C., Wellesley, Mass. Airplane. 2,410,856; Nov. 12.

Koppers Company, Inc., assignee: *See*—
Becker, Joseph.
Fajr, William F., Jr.
Glowacki, William L., and Winans.
Hill, William H.
Keeling, William O., and Glowacki.
Morton, Allen W.
O'Brochta, John, and Rodman.
Rueckel, Walter C.
Shaffer, Chester E.
Shaw, Joseph A.
Stewart, Hubert L.
Van der Hoeven, Bernard J. C.
Winans, Charles F.

Koppers Company, Incorporated, assignee: *See*—
Hill, William H., and Veltman.
Robbins, Thomas E., Jr.

Kopplin, Karl J., Normandy, assignor to F. Burkart Manufacturing Company, St. Louis, Mo. Self-sealing tank. 2,395,556; Feb. 26.

Kops, Earl A., D. S. Sanborn, and V. A. Johnson, assignors to The Ryan Aeronautical Co., San Diego, Calif. Shimmy damper for airplane landing gear. 2,393,110; Jan. 15.

Koret, Joe, San Francisco, Calif. Bifurcated garment. 2,398,537; Apr. 16.

Koret, Joe, San Francisco, Calif. Pleated skirt. 2,398,538; Apr. 16.

Koretzky, Murry H., New York, N. Y. Birthday cake candle holder. 2,406,777; Sept. 3.

Korman, Nathaniel I., Camden, N. J., assignor to Radio Corporation of America. Timing modulation. 2,400,648; May 21.

Korman, Nathaniel I., Camden, N. J., assignor to Radio Corporation of America. Rotating joint for parallel wire transmission lines. 2,401,572; June 4.

Korman, Nathaniel I., Camden, N. J., assignor to Radio Corporation of America. Ultra-high frequency ignition device. 2,403,290; July 2.

Korman, Nathaniel I., Haddon Heights, N. J., assignor to Radio Corporation of America. Standing wave detector for centimeter waves. 2,403,289; July 2.

Korn, Arthur, Hoboken, N. J., assignor to Square D Company, Detroit, Mich. Wireless communication. 2,403,603; July 9.

Kornblutt, Hyman, Brooklyn, N. Y. Guide wheel arrangement. 2,404,383; July 23.

Kornegg, Heinz-Horst E. Von K. Zu, now by judicial change of name Henry Von Kohorn, assignor, by mesne assignments, to Asher Blum, New York, N. Y. Making artificial wool imitation filaments and artificial wool filaments. 2,403,437; July 9.

Kornei, Otto, Cleveland Heights, assignor to The Brush Development Company, Cleveland, Ohio. Time-measuring instrument. 2,395,127; Feb. 19.

Korneke, Paul B., Jr., Scotia, N. Y., assignor to General Electric Company. Carrier current control system. 2,394,786; Feb. 12.

Korner, John, Philadelphia, Pa., and H. P. Loomis, assignors to Stimo Chemical Corporation, Vineland, N. J. Stabilization of vitamin A and vitamin A-containing material. 2,394,456; Feb. 5.

Korodi, Paul C., Buffalo, and W. P. McKinnie, Kenmore, N. Y., assignors to Curtiss-Wright Corporation. Control quadrant assembly. 2,401,741; June 11.

Korte, Alfred C. assignor to Carter Carburetor Corporation, St. Louis, Mo. Fuel pump. 2,394,860; Feb. 12.

Korte, Alfred C., assignor to Carter Carburetor Corporation, St. Louis, Mo. Forming coils. 2,400,008; May 7.

Korte, Edward H., Brooklyn, N. Y. Mechanical movement. 2,405,360; Aug. 6.

Korten, Ernst, Frankfort-on-the-Main-Fechenheim, Germany; vested in the Alien Property Custodian. Softening agent. 2,410,294; Oct. 29.

Kosek, Joseph A., Fort Worth, Tex., assignor to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Suspension type flooring for aircraft. 2,412,778; Dec. 17.

Koskela, Jonas F., Maynard, Mass. Metal type stop motion attachment for looms. 2,409,766; Oct. 22.

Kosmin, Milton, Dayton, Ohio., assignor to Monsanto Chemical Company. Electrodepcsition of nickel. 2,401,428; June 4.

Kosolapoff, Gennady M.: *See*—
Hardy, Edgar E., and Kosolapoff.
Thomas, Charles A., and Kosolapoff.

Kosolapoff, Gennady M., Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Esters of paraffin phosphonic acids. 2,397,422; Mar. 26.

Koss, Joseph W., Brookline, Pa. Rolling strip metal. 2,392,323; Jan. 8.

Kost, Harold W., Birmingham, assignor to Detroit Harvester Company, Detroit, Mich. Sheet metal fastener. 2,400,545; May 21.

Kost, Harold W., Birmingham, Mich., assignor to Detroit Harvester Company, Detroit, Mich. Sheet metal fastening device. 2,404,236; July 16.

Kost, Phillip, Houston, Tex. Box spring. 2,402,252; June 18.

Kosteling, John E., San Francisco, Calif., assignor to Field-Ernst Envelope Company. Receipt envelope. 2,402,821; June 25.

Kostur, J. Edward, Amarillo, Tex. Clutch. 2,407,019; Sept. 3.

Kotraba, Joseph C., Chicago, Ill. Combined toothbrush holder and tooth paste dispenser. 2,411,923; Dec. 3.

Kott, Hermann, West Orange, N. J., assignor, by mesne assignments, to Publication Corporation, New York, N. Y. Register control mechanism for printing presses. 2,396,706; Mar. 19.

Kottas, Walter W., New Kensington, Pa. Bowling game. 2,404,296; July 16.

Kotterman, Chester A., Livingston, N. J., assignor to Federal Telephone and Radio Corporation. Multiple rectifier cooling system. 2,412,989; Dec. 24.

Kottmann, Arthur A., Davenport, Iowa, assignor, by mesne assignments, to The Bettendorf Company. Cable cutter. 2,402,057; June 11.

Kotzen, Louis E., assignee, et al.: *See*—
Killian, Ezekiel.

Kotzen, Myer E., assignee, et al.: *See*—
Killian, Ezekiel.
Kotzen, Samuel R., assignee, et al.: *See*—

Koulicovitch, Maurice, assignor to Societe Genevoise d'Instruments de Physique, Geneva, Switzerland. Machine tool and photoelectric positioning of the work table. 2,406,299; Aug. 20.

Kovacs, Julius P.: *See*—
Fisk, Albert S., and Kovacs.

Kovács, Theodor, Vienna 117, Germany; vested in the Alien Property Custodian. Fountain pen. 2,401,167; May 28.

Kovacs, William R.: *See*—
Van Sittert, Paul, and Kovacs.

Kovacs, William R., assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Cycle controlling device. 2,397,871; Apr. 2.

Kovacs, William R., assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Rivet feeding device. 2,397,872; Apr. 2.

Kovalsky, Joseph F., Turtle Creek, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electrical apparatus. 2,403,087; July 2.

Kowalski, Frank, Jr., Freda, Calif. Tank carrier. 2,393,641; Jan. 29.

Kowalski, Frank, Jr., Freda, Calif. Tank carrier. 2,393,642; Jan. 29.

Kowalski, Frank, Jr., U. S. Army, Camp Chaffee, Ark., and R. L. Harper, U. S. Army, Camp Bowie, Tex. Oil well pump. 2,408,075; Sept. 24.

Kowalski, Marion F., Jamaica, N. Y. Paint brush ferrule. 2,395,224; Feb. 19.

Kozanowski, Henry N., Collingswood, N. J., assignor to Radio Corporation of America. New modulation system for portable equipment. 2,401,573; June 4.

Kradel, Fred L., and R. Paulin, assignors to Railway & Industrial Engineering Company, Greensburg, Pa. Time shorting contactors. 2,400,936; May 28.

Kraft Cheese Company, assignee: *See*—
Bryant, Higbee W.

Kraft Foods Company, assignee: *See*—
Eldredge, Elmer E.
Palmer, Frank D.

Kraft, George A., New York, N. Y. Cinematic set. 2,402,822; June 25.

Kraft, Guillermo, Limitada Sociedad Anonima de Impressiones Generales, assignee: *See*—
Yzetta, Ernesto N.

Kraft, Hans, Schenectady, N. Y., assignor to General Electric Company. Elastic fluid turbine. 2,392,673; Jan. 8.

Krainer, Edgar H., Milwaukee, Wis., assignor to The Oilgear Company. Brooching machine. 2,405,434; Aug. 6.

Krajci, Samuel, New Orleans, La., assignor to The Celotex Corporation, Chicago, Ill. Unit for roofs and walls. 2,400,357; May 14.

Krakauer, Abraham, assignor to Kay Manufacturing Corporation, Brooklyn, N. Y. Folding bed couch. 2,397,017; Mar. 19.

Krakauer, Abraham, Brooklyn, N. Y., assignor to No-Sag Spring Company, Detroit, Mich. Spring element and construction. 2,403,379; July 2.

Krall, Adolph M., assignee: *See*—
Gould, Harry I.

Kralovic, Frank S., Parma, Ohio. Sewing appliance. 2,412,891; Dec. 17.

Kramer, Andrew A., assignee: *See*—
Clements, Ernest W.

Kramer, Benjamin: *See*—
Natelson, Samuel, Kramer, and Tekel.

Kramer, Clarence F., Birmingham, and F. G. Kerby, Detroit, assignors to Ford Motor Company, Dearborn, Mich. Amphibious vehicle. 2,397,791; Apr. 2.

Kramer, Clarence F., Birmingham, and F. G. Kerby, Detroit, assignors to Ford Motor Company, Dearborn, Mich. Cooling system for marine vehicles. 2,397,792; Apr. 2.

Kramer, Eugene, Astoria, Long Island, N. Y. Parking meter. 2,394,554; Feb. 12.

Kramer, John A., San Diego, Calif. Two cycle gas engine cylinder piston and valve mechanism. 2,393,542; Jan. 22.

Kramer, Paul H., assignor to Park Chemical Company, Detroit, Mich. Selective carburizing. 2,399,551; Apr. 30.

Kramer, Tobias, Brooklyn, N. Y. Tie rack. 2,409,570; Oct. 15.

Kramer, William: *See*—
Newmark, David, and Kramer.

Kranich, Herbert, Brooklyn, N. Y. Glass solution inhibiting. 2,402,557; June 25.

Kranick, Frank N. G., and C. W. Hansen, assignor to J. I. Case Company, Racine, Wis. Harvesting machine. 2,395,672; Feb. 26.

Krantz, Walter M., assignor to Ace Storm Window Company, Youngstown, Ohio. Corner construction. 2,395,673; Feb. 26.

Kranz, Walter M., and R. M. Murray, Duluth, Minn., assignors to Oliver Iron Mining Company. Vibrating bar grizzly. 2,396,954; Mar. 19.

Krapf, Herman C., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control system. 2,397,185; Mar. 26.

Krapf, Herman C., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control system. 2,400,998; May 28.

Krasberg, Rudolf, Chicago, Ill. Hair curler. 2,392,928; Jan. 15.

Krasberg, Rudolf, Chicago, Ill. Hair curler. 2,408,657; Oct. 1.

Krasberg, Rudolf G., Chicago, Ill. Banding means. 2,409,128; Oct. 8.

Krase, Herbert J., Dayton, Ohio, assignor to Monsanto Chemical Company. Drilling oil or gas wells. 2,393,047; Jan. 15.

Krase, Norman W.: *See*—
Larson, Alfred T., and Krase.

Krase, Norman W., Swarthmore, and A. E. Lawrence, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of ethylene polymers. 2,396,791; Mar. 19.

Krasik, Sidney, Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Ultra-high frequency control system. 2,412,892; Dec. 17.

Krasner, Harold E., and B. Klausner, New York, N. Y. Container for explosive shells. 2,407,500; Sept. 10.

Krasnow, Shelley, New York, N. Y., and J. M. S. Kaufman, Washington, D. C. Magnetic compass. 2,402,638; June 25.

Krasnow, Shelley, New York, N. Y., and L. F. Curtiss, Montgomery County, Md., assignors to Geophysical Development Corporation, Washington, D. C. Method and apparatus for direct recording of borehole radioactivity. 2,409,436; Oct. 15.

Krasslinikoff, Nicholas S., London, England. Apparatus for instruction or amusement. 2,399,811; May 7.

Kratky, Anton, New York, N. Y. Grinding and polishing tool. 2,409,363; Oct. 15.

Kratzer, Blair S., Williamsport, Pa., assignor to The Aviation Corporation, New York, N. Y. Cylinder structure for engines. 2,411,924; Dec. 3.

Kratzer, Herbert J., St. Louis, Mo. Variable compression ratio internal-combustion engine. 2,399,276; Apr. 30.

Kratzer, James C.: *See*—
Clapsadle, Leo J., Dratzer, and Sommer.

Kratzmaier, Paul, Kansas City, Mo. Structural connecting and supporting unit. 2,406,501; Aug. 27.

Kraus, Abraham, assignee: *See*—
Klein, Robert A.

Kraus, Charles A., Providence, R. I., and J. D. Calfee, Westfield, N. J., assignors to Standard Oil Development Company. Isomerization process using metal halide complexes. 2,404,444; July 23.

Kraus, Charles E., Rochester, N. Y. Cutter. 2,407,501; Sept. 10.

Kraus, Charles E., Rochester, N. Y. Milling cutter. 2,407,502; Sept. 10.

Kraus, William A., Richmond, Va. Time recorder attachment and card guide. 2,407,020; Sept. 3.

Krauss, Phillip, Memphis, Tenn., assignor to Robert Van Cleef and Samuel J. Behr, a partnership, doing business as The Fashion Curtain Company, Memphis, Tenn. Ruffle folder. 2,396,376; Mar. 12.

Kraut, Hans B.: *See*—
Gallimore, Keith F., and Kraut.

Kraut, Hans B., and K. F. Gallimore, assignors to Gildings & Lewis Machine Tool Co., Fond du Lac, Wis. Machine tool. 2,393,696; Jan. 29.

Kreag, Malcolm G., Chicago, Ill., assignor to Haynes Sellite Company. Metal-working tool. 2,392,821; Jan. 15.

Kreager, Paul H., Towson, Md., assignor to Bendix Aviation Corporation, South Bend, Ind. Directional antenna system. 2,394,787; Feb. 12.

Krebeck, Ernest, Washington, D. C. Lamp shade. 2,392,324; Jan. 8.

Kreber, Frank W., B. W. Gonser, and R. M. Schaffert, Columbus, assignors, by mesne assignments, to Printing Plates Research, Inc., Cleveland, Ohio. Electrotyping. 2,400,518; May 21.

Krebs, Richard P., Lakewood, Ohio, assignor to W. Soller, Cincinnati, Ohio, and W. H. Woodin, Jr., Pasadena, Calif. Balanced amplifier system. 2,399,441; Apr. 30.

Krebser, Adolf, Riehen, near Basel, assignor to J. R. Geigy A. G., Basel, Switzerland. Acid disazo dyestuffs and their manufacture. 2,405,835; Aug. 13.

Kreck, Albert R., Berwyn, Ill. Electrolytic etching of zinc plates. 2,394,190; Feb. 5.

Kreidl, Ignaz and W., assignors to L. Jekels, New York, J. Heller, Hartsdale, and I. and W. Kreidl, New York, N. Y. Sterilizing materials and making the same. 2,396,514; Mar. 12.

Kreidl, Ignaz and W., assignors to L. Jekels, New York, J. Heller, Hartsdale, and I. and W. Kreidl, New York, N. Y. Sterilizing products and making them. 2,396,515; Mar. 12.

Kreidl, Ignaz and W., Cleveland, Ohio. Opaque vitreous enamels. 2,399,232; Apr. 30.

Kreidl, Ignaz and W., Cleveland, Ohio. Opacification of vitreous enamels. 2,399,233; Apr. 30.

Kreidl, Norbert J.: *See*—
Weyl, Woldemar, and Kreidl.

Kreidl, Werner: *See*—
Kreidl, Ignaz and W.

Kreiling, August H., assignor to Eugene Dietzgen Co., Chicago, Ill. Slide rule indicator. 2,407,338; Sept. 10.

Kreiselman, Joseph, Washington, D. C. Resuscitator. 2,399,643; May 7.

Kreisinger, Henry, Piermont, and V. Z. Caracristi, Bronxville, assignors to Combustion Engineering Company, Inc., New York, N. Y. Pulverized fuel burner. 2,399,234; Apr. 30.

Kreitner, Johann: *See*—
Nettel, Frederick, and Kreitner.

Kreitner, Johann, New York, and F. Nettel, Manhasset, N. Y. Improving power production in combustion turbines. 2,407,165; Sept. 3.

Kreitner, Johann, New York, and F. Nettel, Manhasset, N. Y. Heat cycle. 2,407,166; Sept. 3.

Krell, Joseph, Berlin-Zehlendorf, Germany; vested in the Alien Property Custodian. Address printing machine. 2,394,312; Feb. 5.

Kreiwitz, Burdick F., Milwaukee, Wis. Trap. 2,412,518; Dec. 10.

Kremer, Henry, London, England. Molding materials. 2,405,658; Aug. 13.

Kremer, John T., Houston, Tex., assignor to The Texas Company, New York 17, N. Y. Well sounding microphone. 2,403,535; July 9.

Kremers, Roland E.: *See*—
Berry, Norton E., and Kremers.

Kremers, Roland E., Summit, N. J., assignor to General Foods Corporation, New York, N. Y. Recovering caffein. 2,391,981; Jan. 1.

Krenzke, William F., assignor to Jacobsen Manufacturing Company, Racine, Wis. Motor fuel power induction device. 2,397,457; Mar. 26.

Kress, Rush H., New York, N. Y. Measuring and cutting device. 2,393,384; Jan. 22.

Kress, Rush H., assignor to S. H. Kress and Company, New York, N. Y. Store display counter. 2,400,832; May 21.

Kress, S. H., and Company, assignee: *See*—
Kress, Rush H.

Kress, Willard C., assignor to J. H. Williams & Co., Buffalo, N. Y. Ratchet for socket wrenches. 2,407,558; Sept. 10.

Kresser, Jean V., San Francisco, Calif., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control system for electric motors. 2,400,999; May 28.

Kressman, Frederick W., assignor to Continental Turpentine & Rosin Corp., Inc., Laurel, Miss. Preparing fibrous product from wood. 2,400,546; May 21.

Kressman, Frederick W. and F. W., Jr., assignors of one-half to Continental Turpentine & Rosin Corporation, Inc., Laurel, Miss. Resinous material and preparing the same. 2,413,326; Dec. 31.

Kretchman, Stanley, Chicago, Ill. Cover removing tool. 2,407,428; Sept. 10.

Kreutz, Rudolph: *See*—
Delegard, Carl J., and Kreutz.

Krichman, Harold: *See*—
Andron, Philip, and Krichman.

Kricker, George E.: *See*—
Maddock, Robert H., and Kricker.

Krjdel, Donald J., assignor to Eastman Kodak Company, Rochester, N. Y. Preparation of chemical cellulose for esterification. 2,393,783; Jan. 29.

Krieg, Alfred: *See*—
Acton, Russel D., and Krieg.

Kriesler, Jacques, Manufacturing Corporation, assignee: *See*—
O'Larte, Rudolph, and Speck.

Krischer, Irving M.: *See*—
Auslander, Henry, and Krischer.

Krister, Charles J., Wilmington, Del., and H. J. Sedusky and G. L. Thompson, Cleveland, Ohio, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Polyvinyl alcohol composition. 2,413,570; Dec. 31.

Krizsan, Stephen, Jr., Trenton, N. J. Spool for wire-stranding machines. 2,404,237; July 16.

Krochmal, Rudolf: *See*—
Halpern, William, Weiner, and Krochmal.

Kroeger, John W., and H. F. O'Connor, Philadelphia, Pa., assignors to Fred'k H. Levey Co., Inc., New York, N. Y. Nonresinous phenol-formaldehyde condensation products. 2,397,018; Mar. 19.

Kroeger, John W., and H. F. O'Connor, Philadelphia, Pa., assignors to Fred'k H. Levey Co., Inc., New York, N. Y. Printing ink. 2,397,019; Mar. 19.

Kroeger, John W., Drexel Hill Plaza, and D. J. O'Connor, Jr., Yeadon, Pa., assignors to Fred'k H. Levey Co., Inc., New York, N. Y. Vehicles for steam-set printing inks. 2,400,519; May 21.

Krogel, Arthur, Spokane, Wash. Shield for welders' helmets. 2,394,388; Feb. 5.

Krogh, Anker E., Mount Airy, assignor to The Brown Instrument Company, Philadelphia, Pa. Control system. 2,401,832; June 11.

Krogh, Anker E., Mount Airy, assignor to The Brown Instrument Company, Philadelphia, Pa. Air control instrument. 2,409,871; Oct. 22.

Kroll, Ervin E., Randolph Field, Tex. Inclinometer. 2,397,550; Apr. 2.

Kroll, Harry H., Providence, assignor to Alrose Chemical Company, Cranston, R. I. Deterging, wetting, and emulsifying compositions. 2,404,297; July 16.

Kroll, Harry H., Chicago, Ill., and M. Weisberg, Providence, assignors to Alrose Chemical Company, Cranston, R. I. Saponaceous detergent having improved hard-water characteristics. 2,404,298; July 16.

Kroll, Nathan J.: *See*—
Kroll, Samuel and N. J.

Kroll, Samuel and N. J., Chicago, Ill. Crib rail support. 2,399,358; Apr. 30.

Kroll, Samuel and N. J., Chicago, Ill. Baby carriage. 2,399,359; Apr. 30.

Kroll, William J., Niagara Falls, N. Y. Refining nickel. 2,396,792; Mar. 19.

Kroll, William J., Niagara Falls, N. Y. Scrap metal recovery process. 2,396,793; Mar. 19.

Kroll, William J., Niagara Falls, N. Y. Refining nickel. 2,396,794; Mar. 19.

Kroll, William J., Niagara Falls, N. Y. Producing iron powder. 2,413,411; Dec. 31.

Krone, Howard C., River Edge, and W. Meyer, East Orange, assignors to Wheaton Brass Works, Newark, N. J. Self-sealing valved coupling. 2,413,571; Dec. 31.

Kronenberger, Adam, Berlin, Germany; vested in the Alien Property Custodian. Automatic steering device for aircraft. 2,401,168; May 28.

Kronmiller, Carl G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control device. 2,394,920; Feb. 12.

Kronquest, Alfred L., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Can end marking means. 2,406,151; Aug. 20.

Kronquest, Alfred L., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Overload release means. 2,412,157; Dec. 3.

Kronwall, Konstantin, Winnetka, Ill., assignor to United Drill and Tool Corporation. Drawing metal stock. 2,400,866; May 21.

Kroon, Reinout P., Swarthmore, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Turbine apparatus. 2,402,418; June 18.

Kroon, Reinout P., Swarthmore, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Turbine apparatus. 2,410,450; Nov. 5.

Kropa, Edward L.: *See*—
Pfann, Harry F., and Kropa.

Kropa, Edward L., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Polymers of unsaturated compounds and producing same. 2,409,633; Oct. 22.

Kropf, Henry W., assignee: *See*—
Johnson, William.

Kropp, Elnar: *See*—
Burk, Robert E., and Kropp.

Krotz, Alvin S.: *See*—
Leguillon, Charles W., and Krotz.

Krotz, Alvin S., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Vehicle suspension. 2,396,579; Mar. 12.

Krotz, Alvin S., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Making resilient bushings. 2,407,559; Sept. 10.

Krotz, Alvin S., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Truck for rail vehicles. 2,408,520; Oct. 1.

Krotz, Alvin S., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Spring. 2,409,500; Oct. 15.

Krotz, Alvin S., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Vehicle suspension. 2,409,501; Oct. 15.

Krouse, Glen N., Columbus, Ohio. Consecutive number-printing apparatus. 2,404,912; July 30.

Krows, Arthur E., Hastings-on-Hudson, N. Y. Projecting images from intermittently advancing film strips. 2,395,883; Mar. 5.

Kruea, Charles H.: *See*—
Getgey, John J., and Kruea.

Krueger, Fred G., Norwood, Ohio. Washer lug. 2,406,079; Aug. 20.

Krueger, Theodore H., Stratford, Conn., assignor to Better Packages Incorporated. Strip serving machine. Re. 22,732; Mar. 19.

Krueger, Theodore H., Stratford, Conn., assignor to Better Packages Incorporated. Strip serving machine. Re. 22,733; Mar. 19.

Krueger, Theodore H., Stratford, Conn., assignor to Better Packages Incorporated. Strip serving machine. 2,405,790; Aug. 13.

Krueger, Theodore H., Stratford, Conn., assignor to Better Packages Incorporated. Tape serving machine. 2,409,872; Oct. 22.

Kruesi, Geoffrey G., Dayton, Ohio. Radio compass and direction finder. 2,393,643; Jan. 29.

Krugler, Allen D., Bartlesville, Okla., assignor to Phillips Petroleum Company. Change-over valve for gas dispensing systems. 2,397,670; Apr. 2.

Krummel, Karl O., Denver, Colo. Wirepuller for conduits. 2,394,313; Feb. 5.

Kruper, Andrew P., Waterbury, Conn., assignor to Fisher Scientific Company, Pittsburgh, Pa. Spectrophotometric system. 2,408,023; Sept. 24.

Krupnick, Sydney R.: *See*—
Luth, Harold J., Scheidemantel, and Krupnick.

Krupp, Carroll P.: *See*—
Colley, Russell S., Krupp, and Shook.
Leguillon, Charles W., and Krupp.

Krupp, Carroll P., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Hand covering. 2,393,171; Jan. 15.

Krupp, Carroll P., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Joint structure. 2,394,078; Feb. 5.

Krupp, Carroll P., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Protective clothing. 2,411,830; Nov. 26.

Krus, Adolf: *See*—
Eulenstein, Fritz, and Krus.

Kruse, Herman M., Webster Groves, Mo. Trousers creaser. 2,400,236; May 14.

Kruse, Orlin O., Oak Park, Ill., assignor to American Can Company, New York, N. Y. Drying oven control. 2,412,990; Dec. 24.

Kruse, Willard E., Chicago, Ill., C. W. Nysewander, Highland, Ind., and J. A. Bolt, assignors to Standard Oil Company, Chicago, Ill. Slurrying aluminum chloride for hydrocarbon conversion processes. 2,406,778; Sept. 3.

Krüssmann, Adolf, Berlin-Wilmersdorf, Germany; vested in the Alien Property Custodian. Electrically operating regulating device. 2,399,872; May 7.

Krygsman, David, London, England. Internal-combustion engine. 2,396,429; Mar. 12.

Kubat, Emil S., Owatonna, Minn. Roost for fowls. 2,412,091; Dec. 3.

Kubatzky, Otto, St. Louis, Mo., assignor of one-fourth to F. W. Watkins, Cleveland, Ohio. Ventilated window. 2,404,807; July 30.

Kubicki, William J., Webster, Mass. Making platform shoes. 2,404,878; July 30.

Kucera, Barney J., Cleveland, Ohio, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Signaling apparatus. 2,399,682; May 7.

Kucyn, Chester J., Huntington, N. Y., assignor to Republic Aviation Corporation. Milling fixture. 2,401,000; May 28.

Kuder, Milton L.: *See*—
Smith, Carl H., Jr.

Kuehlman, Norman V.: *See*—
French, Henry C., and Kuehlman.

Kuehlman, Norman V., assignor to The Heil Co., Milwaukee, Wis. Power control unit. 2,396,858; Mar. 19.

Kuehlman, Norman V., Milwaukee, and H. C. French, Elm Grove, assignors to The Heil Co., Milwaukee, Wis. Airplane loading and service vehicle. 2,412,158; Dec. 3.

Kuehlthau, Hugo L., Chicago, C. W. Vokac, Cicero, and M. Del Monte, La Grange, assignors to Whiting Corporation, Harvey, Ill. Electric arc furnace. 2,396,663; Mar. 19.

Kuehn, Karl F.: *See*—
Warren, Charles F., and Kuehn.

Kuehni, Hans P., and N. G. Branson, Schenectady, N. Y., assignors to General Electric Company. Automatic pattern controlled machine tool. 2,410,295; Oct. 29.

Kuenhold, Otto J., Sr., Shaker Heights, assignor to Monmouth Products Company, Cleveland, Ohio. Evaporator. 2,394,698; Feb. 12.

Kuenstler, Walter E., Cliffside Park, N. J. Crystal. 2,404,445; July 23.

Kuert, Ira J., Los Angeles, Calif. Mobile tower. 2,406,335; Aug. 27.

Kugel, Fritz: *See*—
Benz, Helmut, and Kugel.

Kuhl, Paul E., Madison, N. J., assignor to Standard Oil Development Company. Chemical process. 2,394,617; Feb. 12.

Kuhl, Paul E., Madison, and R. M. Shepardson, Cranford, N. J., assignors to Standard Oil Development Company. Treating hydrocarbon fluid. 2,405,959; Aug. 20.

Kuhl, Paul E., Madison, and A. B. Welty, Jr., Roselle, N. J., assignors to Standard Oil Development Company. Catalytic cracking process. 2,406,547; Aug. 27.

Kuhlik, Hattie B., assignee: *See*—
Kuhlik, Jacob M.

Kuhlik, Jacob M., Brooklyn, assignor to Hattie B. Kuhlik, Sea Gate, N. Y. Sound recording and reproducing machine. 2,408,320; Sept. 24.

Kuhlman, Richard, River Edge, assignor to Tung-Sol Lamp Works, Inc., Newark, N. J. Box or carton. 2,393,994; Feb. 5.

Kuhlman, Richard, River Edge, assignor to Tung-Sol Lamp Works, Inc., Newark, N. J. Cushioned shipping container. 2,401,765; June 11.

Kuhn, Carl S., Jr.: *See*—
Abrams, Armand J., and Kuhn.

Kuhn, Carl S., Jr., Dallas, Tex., assignor, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Polymerization of propylene. 2,400,520; May 21.

Kuhn, Carl S., Jr., Dallas, Tex., assignor, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Olefin polymerization. 2,400,521; May 21.

Kuhn, Carl S., Jr., Dallas, Tex., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Catalytic reforming process. 2,403,929; July 16.

Kuhn, Carl S., Jr., Dallas, Tex., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Alkylation process. 2,403,930; July 16.

Kuhn, Carl S., Jr., Dallas, Tex., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Catalytic alkylation process. 2,403,931; July 16.

Kuhn, Charles H., Indianapolis, Ind. Spinner. 2,412,519; Dec. 10.

Kuhn, George, Silver Spring, Md., assignor to General Motors Corporation, Dayton, Ohio. Fluid treating apparatus. 2,397,873; Apr. 2.

Kuhn, John J.: *See*—
Coyne, Howard L., Kuhn, and Ross.

Kuhn, Karl A.: *See*—
Crane, Edward V., and Kuhn.

Kuhn, Richard, and T. Wieland, Heidelberg, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Manufacture of the optically active forms of pantothenic acid. 2,407,560; Sept. 10.

Kuhn, Robert B., Canton, Ohio. Muffler. 2,395,005; Feb. 19.

Kuhn, Wayne E., Scarsdale, assignor to The Texas Company, New York, N. Y. Refining of pyrethrum oleoresins. 2,413,107; Dec. 24.

Kuhner, Max H., assignor to Riley Stoker Corporation, Worcester, Mass. Steam generating apparatus. 2,392,325; Jan. 8.

Kuhner, Max H., assignor to Riley Stoker Corporation, Worcester, Mass. Gas burner. 2,392,822; Jan. 15.

Kuhnl, Leopold, Stratford, assignor to American Chain & Cable Company, Inc., Bridgeport, Conn. Key ring and the like. 2,410,951; Nov. 12.

Kuhnl, Leopold, Bridgeport, and J. R. Reyburn, Fairfield, Conn., assignors to Magazine Repeating Razor Company, New York, N. Y. Razor blade pack. 2,398,539; Apr. 16.

Kuizenga, Marvin H., assignor to The Upjohn Company, Kalamazoo, Mich. Recovery of heparin. 2,410,084; Oct. 29.

Kulla, Michael J., Cleveland, Ohio. Metalworking. 2,403,805; July 9.

Külz, Fritz, Frankfort-on-the-Main, Germany; vested in the Alien Property Custodian. Preparation of oxyphenyl-amino-propane and its derivatives. 2,396,580; Mar. 12.

Külz, Fritz, Frankfort-on-the-Main, Germany; vested in the Alien Property Custodian. Derivatives of 1-hydroxyphenyl-3-aminobutane and their production. 2,407,167; Sept. 3.

Kummerow, William, Chicago, Ill. Window structure. 2,404,075; July 16.

Kump, Ernest J., Jr., Atherton, Calif. Furniture. 2,404,182; July 16.

Kump, Ernest J., Jr., Millbrae, Calif. Laminated plywood arch. 2,413,145; Dec. 24.

Kuna, Andrew: *See*—
Bird, John C., and Kuna.

Kunasch, Harry A. F., Fond du Lac, Wis. Electrical connection. 2,394,618; Feb. 12.

Kundig, John J., Hasbrouck Heights, N. J. Reaction turbine propeller. 2,397,357; Mar. 26.

Kunes, Bernard M.: *See*—
Barker, Paul F., Hartman, Galloway, and Kunes.

Küng, Frederick E., Akron, Ohio. Production of 2-aminocarboxylic acid nitriles. 2,401,429; June 4.

Kuniansky, Max, assignee: *See*—
Carrington, Frank G.

Kunst, Nell J., Grand Rapids, Mich. Fire basket. 2,408,935; Oct. 8.

Kunz, Walden H., Jackson, Mich., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Inductive tuner. 2,405,890; Aug. 13.

Kupchick, Edward, Brooklyn, assignor to Bulova Watch Company, New York, N. Y. Inspection tool. 2,394,788; Feb. 12.

Kupec, William J.: *See*—
Rawlins, Albert W., and Kupec.

Kupersmith, Leo S., Cleveland Heights, and C. F. Wirt, East Cleveland, assignors to The S. K. Wellman Company, Cleveland, Ohio. Apparatus for finishing bimetallic articles. 2,392,050; Jan. 1.

Kuppersmith, Fred W., Bloomington, Ill. Tool jig. 2,397,493; Apr. 2.

Kuppersmith, Fred W., Bloomington, Ill. Measuring device. 2,397,494; Apr. 2.

Kurkjian, Yervant H., Clifton, N. J. Automatic control for let-off mechanism of looms. 2,395,630; Feb. 26.

Kurkjian, Yervant H., Clifton, N. J. Automatic letoff control. 2,396,377; Mar. 12.

Kurkjian, Yervant H., Clifton, N. J. Self-supporting pessary. 2,404,384; July 23.

Kurlychek, John L., Orange, N. J., assignor to United States Rubber Company, New York, N. Y. Flame resistant and water repellent fabrics and method of making the same. 2,406,779; Sept. 3.

Kurth, Franz J.: *See*—
Serre, Maurice, and Kurth.

Kurth, Franz J., assignor to Anemostat Corporation of America, New York, N. Y. Damper. 2,403,291; July 2.

Kurth, William H.: *See*—
Johnson, Helge J. M., and Kurth.

Kurtz, Henry F., Rochester, and R. G. Morrison, Greece, assignors to Bausch & Lomb Optical Company, Rochester, N. Y. Optical instrument. 2,409,364; Oct. 15.

Kurtz, Mark, Washington, D. C. Mine mooring cutter-toggle type. 2,396,707; Mar. 19.

Kurz, Frederick E., Glen Ellyn, Ill., assignor to The Elmco Corporation, Salt Lake City, Utah. Filter construction. 2,395,225; Feb. 19.

Kurzweil, Robert, Kew Gardens, assignor to Morey Machinery Co., Inc., Astoria, Long Island, N. Y. Turret lathe headstock. 2,408,658; Oct. 1.

Kusch, Polykarp: *See*—
Okress, Ernest C., and Kusch.

Kushner, Samuel, Montvale, N. J., assignor to American Cyanamid Company, New York, N. Y. Esters of α-formylphenacetueric acid and preparing the same. 2,394,967; Feb. 12.

Kusner, Albert L., assignee, et al.: *See*—
Miller, George.

Kusz, William, Peoria, Ill. Scraper. 2,400,760; May 21.

Kusznir, Phillip S., South Gate, Calif. Exercising device. 2,396,106; Mar. 5.

Kutil, Clyde R., Sioux City, Iowa. Convertible bicycle attachment. 2,391,982; Jan. 1.

Kutscha, Alois, Chicago, Ill. Profiling milling cutter. 2,406,780; Sept. 3.

Kuttner, Julius, Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Wrist pin assembly. 2,407,429; Sept. 10.

Kutzler, Adolph D., Waukegan, Ill. Hole lapping machine. 2,391,983; Jan. 1.

Kuyper, Peter H., assignor to Rolscreen Company, Pella, Iowa. Sash structure. 2,400,009; May 7.

Kuyper, Peter H., assignor to Rolscreen Company, Pella, Iowa. Drapery bracket. 2,400,010; May 7.

Kuzdal, Anthony, Willimantic, Conn. Razor strop. 2,403,380; July 2.

Kuzmich, Elizabeth, et al., assignee: *See*—
Axnix, Eugene J.

Kuzmick, Joseph N.: *See*—
Novak, Izador J., and Kuzmick.

Kuzmitz, Frank V.: *See*—
Pontius, George W., III, Wilson, and Kuzmitz.

Kvalnes, Donovan E., and H. E. Woodward, Penns Grove, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Metallized azo pigments. 2,396,327; Mar. 12.

Kvalnes, Donovan E., and H. E. Woodward, Penns Grove, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Monazo pigments. 2,396,328; Mar. 12.

Kvalnes, Hamline M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Treatment of wood. 2,398,649; Apr. 16.

Kvalnes, Hamline M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Treatment of wood. 2,402,331; June 18.

Kwartler, Charles E., and P. Lucas, Albany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Sulphanilamide derivatives. 2,395,412; Feb. 26.

Kwon, Doin, Honolulu, Hawaii. Venetian blind. 2,409,943; Oct. 22.

Kyle and Company, Inc., assignee: *See*—
Brown, Luther S., K. R., and F. L.

Kyle Corporation, assignee: *See*—
Kyle, William D., and Van Ryan.
Kyle, William D., Jr., and Schindler.

Kyle, William D., assignor to Line Material Company, Milwaukee, Wis. Cable grip. 2,398,013; Apr. 9.

Kyle, William D., Jr., Milwaukee, and C. Schindler, Wauwatosa, assignors to Kyle Corporation, South Milwaukee, Wis. Automatic reclosing circuit breaker. 2,392,483; Jan. 8.

Kyle, William D., Jr., Milwaukee, and A. Van Ryan, South Milwaukee, Wis., assignors to Kyle Corporation. Transfer switch. 2,399,044; Apr. 23.

Kylin, Henrik O.: *See*—
Kylin, Oskar and H. O., and Valentino.

Kylin, Oskar, assignor to Bardons and Oliver, Inc., Cleveland, Ohio. Lathe screw attachment. 2,399,045; Apr. 23.

Kylin, Oskar and H. O., and M. L. Valentino, Cleveland Heights, assignors to Bardons and Oliver, Inc., Cleveland, Ohio. Hydraulic rapid traverse. 2,400,237; May 14.

Kylin, Oskar and H. O., and M. L. Valentino, Cleveland Heights, assignors to Bardons and Oliver, Inc., Cleveland, Ohio. Machine tool. 2,405,435; Aug. 6.

Kyrides, Lucas P., Webster Groves, assignor to Monsanto Chemical Company, St. Louis, Mo. Substituted dihydroimidazoles. 2,392,326; Jan. 8.

Kyrides, Lucas P., Webster Groves, assignor to Monsanto Chemical Company, St. Louis, Mo. Substituted 4,4'-diaminodiphenyl sulphones and making same. 2,399,600; Apr. 30.

Kyrides, Lucas P., St. Louis, Mo., assignor to Monsanto Chemical Company. Surface-active agents. 2,402,823; June 25.

Kyrides, Lucas P., Webster Groves, Mo., assignor to Monsanto Chemical Company, St. Louis, Mo. Substituted imidazoles. 2,404,299; July 16.

Kyrides, Lucas P., Webster Groves, and F. B. Zienty, assignors to Monsanto Chemical Company, St. Louis, Mo. Substituted imidazoles. 2,399,601; Apr. 30.

Kyrides, Lucas P., Webster Groves, and F. B. Zienty, St. Louis, Mo., assignors to Monsanto Chemical Company. Substituted imidazoles. 2,404,300; July 16.

Labaree, Benjamin, assignor, by mesne assignments, to The Budd Company, Philadelphia, Pa. Grid member. 2,411,628; Nov. 26.

La Berge, William C., assignor to James C. Thomas, III, doing business as Utility Tool and Die Manufacturers, Los Angeles, Calif. Grapefruit cutter. 2,402,558; June 25.

Labin, Edouard, Buenos Aires, Argentina, assignor to Hartford National Bank and Trust Company, Hartford, Conn. Aperiodic phase inverter. 2,401,939; June 11.

Labin, Edouard, Buenos Aires, Argentina, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Phase modulation system. 2,407,887; Sept. 17.

Labin, Emile: *See*—
Chevigny, Georges P., and Labin.
Deloraine, Edmond M., and Labin.

Labin, Emile, assignor to International Standard Electric Corporation, New York, N. Y. Impulse oscillator. 2,405,217; Aug. 6.

Labin, Emile, assignor to International Standard Electric Corporation, New York, N. Y. Pulse modulation system. 2,406,019; Aug. 20.

Labin, Emile, New York, N. Y., assignor to Federal Telephone & Radio Corporation. Course beacon. 2,407,287; Sept. 10.

Labin, Emile, assignor to International Standard Electric Corporation, New York, N. Y. Pulse transmitter. 2,408,076; Sept. 24.

Labin, Emile, assignor to Federal Telephone and Radio Corporation, New York, N. Y. Multichannel system. 2,408,077; Sept. 24.

Labin, Emile, New York, N. Y., assignor to Federal Telephone and Radio Corporation, Newark, N. J. Vacuum tube. 2,410,349; Oct. 29.

Labin, Emile, New York, N. Y., assignor to Federal Telephone and Radio Corporation. Radio transmission and monitoring system. 2,412,991: Dec. 24.

Labin, Emile, New York, and J. H. Nye, Jackson Heights, N. Y., assignors to Federal Telephone and Radio Corporation. Impedance matching device. 2,406,839; Sept. 3.

Labin, Emile, and D. D. Grieg, New York, N. Y., assignors to Federal Telephone and Radio Corporation. Constant width synchronized pulse generator. 2,408,078; Sept. 24.

Labin, Emile, New York, and D. D. Grieg, Forest Hills, N. Y., assignors to Federal Telephone and Radio Corporation. Pulse discriminator. 2,408,079: Sept. 24.

Labin, Emile, New York, and D. D. Grieg, Forest Hills, N. Y., assignors to Federal Telephone and Radio Corporation, Newark, N. J. Communication. 2,410,350; Oct. 29.

Labin, Emile, New York, and D. D. Grieg, Forest Hills, N. Y., assignors to Federal Telephone and Radio Corporation, Newark, N. J. Pulse width measuring system. 2,411,547; Nov. 26.

Labin, Emile, New York, N. Y., and R. B. Hoffman, East Orange, N. J., assignors to Federal Telephone and Radio Corporation. Vacuum tubes connection. 2,412,992; Dec. 24.

Labombarde, Harold S., assignor to The International Paper Box Machine Company, Nashua, N. H. Carton stacking mechanism. 2,392,746; Jan. 8.

La Bour, Harry E., Elkhart, Ind. Self-priming pump. 2,405,836; Aug. 13.

La Brie, Ludger E., assignor to Hydraulic Brake Company, Detroit, Mich. Master cylinder and reservoir. 2,405,093; July 30.

La Brie, Ludger E., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Power transmission. 2,407,289; Sept. 10.

La Brie, Ludger E., assignor to Hydraulic Brake Company, Detroit, Mich. Fluid pressure producing device. 2,410,169; Oct. 29.

Lacart, Rollin H.: *See*—
Beekley, Henry L., Gilbert, and Lacart.

Lacey, Elbert M., assignor to Rohr Aircraft Corporation, Chula Vista, Calif. Drum tilting arc. 2,399,360; Apr. 30.

Lacey, Harold T., Plainfield, and W. E. Ness, Middlesex, Borough, N. J., assignors to American Cyanamid Company, New York, N. Y. Oil soluble dyes. 2,392,158; Jan. 1.

Lacey, Harold T., Plainfield, and R. E. Brouillard, Somerville, N. J., assignors to American Cyanamid Company, New York, N. Y. Aminophthalimides. 2,412,817; Dec. 17.

Lacey-Webber Co., assignee: *See*—
Siemers, Eric.

LaChance, Edouard, assignor to F. A. Whitney Carriage Company, Leominster, Mass. Steering baby carriage. 2,398,650; Apr. 16.

Lachance, Ernest J., Leominster, Mass. Electric plug clamp. 2,399,644; May 7.

La Chapelle, Fred N., Beverly, assignor to S. H. Huberman, Boston, Mass. Box toe cap for shoes. 2,401,574; June 4.

Lacher, Irvin W.: *See*—
Hawn, Ralph A., and Lacher.

Lachman, Laurence S.: *See*—
Lachman, Maurice and Laurence S.

Lachman, Maurice, New York, and L. S. Lachman, Forest Hills, assignors to Structural Patents Corporation, New York, N. Y. Reenforced I-beam. 2,392,674; Jan. 8.

Lackenbach, Armand E., assignee, et al.: *See*—
Hamel, William W.

La Crosse, Clifford G., Baltimore, Md. Compounding material for rubber and rubber substitutes. 2,409,437; Oct. 15.

Lacy, Burritt S., H. A. Bond, and W. S. Hinegardner, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of cyanogen. 2,399,361; Apr. 30.

Lacy, Lester Y., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave translation. 2,403,986; July 16.

Lada, Irving: *See*—
Blair, Francis E., and Lada.

Ladd, Edward T., Lewiston Heights, N. Y. Dehydrating caustic solutions. 2,396,664; Mar. 19.

Ladd, Elbert C., Passaic, N. J., assignor to United States Rubber Company, New York, N. Y. Germicidal preparations. 2,396,468; Mar. 12.

Ladd, Elbert C., Passaic, N. J., assignor to United States Rubber Company, New York, N. Y. Parasiticidal preparations. 2,396,665; Mar. 19.

Ladd, Elbert C., Passaic, N. J., assignor to United States Rubber Company, New York, N. Y. Parasiticidal preparations. 2,397,423; Mar. 26.

Ladd, Reuel O., Elmira, N. Y. Bituminous burner head. 2,395,226; Feb. 10.

La-Del Conveyor & Manufacturing Company, assignee: *See*—
Jenkins, Chester P.
Troller, Theodor H., and Jenkins.

Ladwig, Otto, & Sons, Inc., assignee: *See*—
Ladwig, Walter O.

Ladwig, Walter O., assignor to Otto Ladwig & Sons, Inc., Milwaukee, Wis. Hoist. 2,397,271; Mar. 26.

Laereman, Tasso L., San Francisco, Calif. Coffee-making machine. 2,398,314; Apr. 9.

Lafferty, James M.: *See*—
Fiske, Milan D., and Lafferty.

La Frenier, John, Detroit, Mich. Suspender. 2,408,464; Oct. 1.

Lagonda Limited, assignee: *See*—
Green, George W. A.

La Hatte, James A., Atlanta, Ga., and R. B. Smith, assignors to The Reynolds & Reynolds Company, Dayton, Ohio. Applying carbon to sheets. 2,402,559; June 25.

Lahtinen, Ernest L., Minneapolis, Minn. Collapsible tube holder. 2,396,016; Mar. 5.

Laico, Joseph P., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,403,445; July 9.

Laico, Joseph P., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,411,548; Nov. 26.

Laico, Joseph P., and V. L. Ronci, Brooklyn, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,404,802; July 30.

Laidig, Alfred H.: *See*—
Richardson, Henry K., Newcombe, and Laidig.

Laidig, Alfred H., Bloomfield, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Discharge lamp, cut-out device and manufacture. 2,393,253; Jan. 22.

Laidig, Alfred H., Bloomfield, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electron discharge device. 2,409,694; Oct. 22.

Laiho, Jalmer M., Skokie, assignor to Felt & Tarrant Manufacturing Company, Chicago, Ill. Calculating machine. 2,410,823; Nov. 12.

Laing, Kenneth M., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Treating oils. 2,403,088; July 2.

Laird, James M., Charleston, W. Va. Testing assembly. 2,406,080: Aug. 20.

Laird, Joseph P., assignor to The Wicaco Machine Corporation, Philadelphia, Pa. Base for rayon pumps and the like. 2,403,663; July 9.

Laird, Ray M., Rootstown, Ohio. Evaporation process. 2,392,093; Jan. 1.

Laird, Ray M., Rootstown, Ohio. Treatment of apple juices. 2,401,169; May 28.

Laird, Royal B., and L. H. Gonella, Merced, Calif. Tractor-implement combination. 2,411,277; Nov. 19.

Laird, Wilbur G., Pleasantville, N. Y. Storage tank for oils and other liquids. 2,403,604; July 9.

Lakatos, Louis L., Bela-Cynwyd, Pa., assignor to Radio Corporation of America. Pulse generator. 2,408,261; Sept. 24.

Lake, Clair D., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Plugboard contactors. 2,401,430; June 4.

Lake, Clair D., Binghamton, F. E. Hamilton, Endicott, and B. M. Durfee, Binghamton, assignors to International Business Machines Corporation, New York, N. Y. Record punching machine. 2,398,014; Apr. 9.

Lake, Clair D., Binghamton, and F. E. Hamilton, Endicott, assignors to International Business Machines Corp., New York, N. Y. Typewriting calculating machine. 2,403,005; July 2.

Lake, Clair D., Binghamton, and F. E. Hamilton, Endicott, assignors to International Business Machines Corporation, New York, N. Y. Recorder mechanism. 2,403,006; July 2.

Lake, George R., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Desulphurizing hydrocarbons. 2,405,258; Aug. 6.

Lake, George R., Long Beach, Calif., assignor to Union Oil Company of California, Los Angeles, Calif. Separation of hydrocarbons by distillation. 2,406,695; Aug. 27.

Lake, George R., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Recovery of aqueous azeotrope former in azeotropic distillation of hydrocarbons. 2,411,437; Nov. 19.

Lake, Ross A., Oak Park, assignor to Teletype Corporation, Chicago, Ill. Printing telegraph apparatus. 2,391,984; Jan. 1.

Lake, Ross A., Oak Park, assignor to Teletype Corporation, Chicago, Ill. Printing telegraph apparatus. 2,392,484; Jan. 8.

Lake, Ross A., Oak Park, assignor to Teletype Corporation, Chicago, Ill. Recorder control mechanism. 2,411,794; Nov. 26.

Lake, Stanley H.: *See*—
McMillin, James R., and Lake.

Lakso, Eino E., Fitchburg, Mass. Article delivering apparatus. 2,403,862; July 9.

La Lande, William A., Jr., Upper Darby, assignor to Porocel Corporation, Philadelphia, Pa. Decolorizing hydrocarbon oils. 2,395,931; Mar. 5.

La Lande, William A., Jr., Upper Darby, assignor to Porocel Corporation, Philadelphia, Pa. Metal aluminate adsorbents and making same. 2,413,184; Dec. 24.

La Lande, William A., Jr., Upper Darby, assignor to Porocel Corporation, Philadelphia, Pa. Removal of volatile metal halides from fluids. 2,413,185; Dec. 24.

La Lande, William A., Jr., and H. Heinemann, Upper Darby, assignor to Porocel Corporation, Philadelphia, Pa. Polymerization of olefin hydrocarbons. 2,406,081; Aug. 20.

Lamb, Albert I., Bay City, Mich. Shipping container. 2,392,675; Jan. 8.

Lamb, Anthony H., Hillside, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Electrical relay. 2,398,651; Apr. 16.

Lamb, Anthony H., Hillside, N. J., assignor to Weston Electrical Instrument Corporation, Newark, N. J. Photoelectric cell. 2,403,863; July 9.

Lamb, Charles G., Elmhurst, Ill. Air filter. 2,408,659; Oct. 1.

Lamb, Clyde K., assignor to Airways Lighting Corporation, Cleveland, Ohio. Work carriage. 2,405,259; Aug. 6.

Lamb, Donald B.: *See*—
Harlow, Winton G., Healis, and Lamb.

Lamb, Thomas, New York, N. Y. Crutch. 2,409,365; Oct. 15.

Lamb, Thomas A., Jr., Memphis, Tenn. Flea-guard dog collar. 2,401,253; May 28.

Lamb, Wade: *See*—
Herreshoff, Alexander G., and Lamb.

Lambach, Fritz, Tenafly, N. J. Warping or beaming machine. 2,398,232; Apr. 9.

Lambach, Fritz, Tenafly, assignor to Robert Reiner, Incorporated, Weehawken, N. J. Knitting machine. 2,405,583; Aug. 13.

Lambach, Fritz, Tenafly, and W. Siegel, Union City, assignors to Robert Reiner, Inc., Weehawken, N. J. Yarn tensioning device for textile machines. 2,393,995; Feb. 5.

Lambach, Fritz, Tenafly, and W. Siegel, Union City, assignors to Robert Reiner, Inc., Weehawken, N. J. Stop control means for stop motions for warping or beaming plants. 2,400,556; May 21.

Lambach, Fritz, Tenafly, and W. Siegel, Union City, assignors to Robert Reiner, Inc., Weehawken, N. J. Electrically operated stop motion for warping or beaming plants. 2,405,218; Aug. 6.

Lambert Brake Corporation, assignee: *See*—
Lambert, Homer T.

Lambert, Harry L., Enfield, assignor to Allen Wales Adding Machine Corporation, Ithaca, N. Y. Electric switch. 2,395,052; Feb. 19.

Lambert, Harry L., Enfield, assignor, by mesne assignments, to W. J. Pickering, New York, N. Y. Mercury switch. 2,395,884; Mar. 5.

Lambert, Harry L., Enfield, assignor to Allen Wales Adding Machine Corporation, Ithaca, N. Y. Switch. 2,395,885; Mar. 5.

Lambert, Harry L., Enfield, assignor, by mesne assignments, to W. J. Pickering, New York, N. Y. Circuit controller. 2,410,085; Oct. 29.

Lambert, Homer T., assignor to Lambert Brake Corporation, St. Joseph, Mich. Disk brake. 2,405,219; Aug. 6.

Lambert, Homer T., assignor to Lambert Brake Corporation, St. Joseph, Mich. Multiple disk energizing clutch. 2,407,022; Sept. 3.

Lambert, Reuben B., Erie, Pa. Knife sharpener. 2,398,711; Apr. 16.

Lambert, Russell A., assignor to Brooks Bank Note Company, Springfield, Mass. Carton blank. 2,411,134; Nov. 12.

Lamberton, Ralph E., Michigan City, Ind., assignor to Joy Manufacturing Company. Pumping apparatus. 2,410,824; Nov. 12.

Lamborn, Richard, Erie, Pa., assignor to General Electric Company. Dynamoelectric machine. 2,399,931; May 7.

Lamm, Uno, Ludvika, assignor to Allmänna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Direct current saturated inductance with relay action. Re. 22,768; June 25.

Lamm, Uno, Ludvika, assignor to Allmänna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Load current control. 2,403,891; July 9.

La Mere, Frank J., Minneapolis, Minn. Water closet. 2,409,048; Oct. 8.

Lamme, Thornie T., Laclede, Mo. Posthole digging attachment for tractors. 2,410,508; Nov. 5.

La Mora, Arthur E.: *See*—
Baker, James F., and La Mora.

Lamoureux, Hilaire J., New York, N. Y. Wig construction. 2,405,791; Aug. 13.

Lampe, Charles E., Sr., Philadelphia, Pa., assignor of four-tenths to C. Lovejoy and one-tenth to H. M. Kannee, Washington, D. C. Pipe bending machine. 2,405,750; Aug. 13.

Lamphere, P. H., assignee, et al.: *See*—
Strong, Jules Q.

Lamphere, P. H., et al., assignees: *See*—
Matheson, Colin W.

Lamphere, Richard L.: *See*—
Berkey, William E., Hershey, and Lamphere.

Lamport, Edward J., Washington, D. C., assignor to Lamport Hydro-Oil Furnace Company, Incorporated. Heat generating apparatus and process. 2,403,446; July 9.

Lamport Hydro-Oil Furnace Company, Incorporated, assignee: *See*—
Lamport, Edward J.

Land, Edwin H., assignor to Polaroid Corporation, Cambridge, Mass. Plastic sheet and manufacture. 2,397,149; Mar. 26.

Land, Edwin H., assignor to Polaroid Corporation, Cambridge, Mass. Identification badge. 2,397,272; Mar. 26.

Land, Edwin H., assignor to Polaroid Corporation, Cambridge, Mass. Range finder. 2,397,273; Mar. 26.

Land, Edwin H., assignor to Polaroid Corporation, Cambridge, Mass. Range finder. 2,397,274; Mar. 26.

Land, Edwin H., assignor to Polaroid Corporation, Cambridge, Mass. Range finder. 2,397,275; Mar. 26.

Land, Edwin H., assignor to Polaroid Corporation, Cambridge, Mass. Light-polarizing image and manufacture. 2,397,276; Mar. 26.

Land, Edwin H., assignor to Polaroid Corporation, Cambridge, Mass. Plastic sheet and manufacture. 2,402,166; June 18.

Land, Edwin H., assignor to Polaroid Corporation, Cambridge, Mass. Range finder. 2,404,301; July 16.

Land, Edwin H., assignor to Polaroid Corporation, Cambridge, Mass. Collimating system. 2,405,960; Aug. 20.

Land, Edwin H., assignor to Polaroid Corporation, Cambridge, Mass. Range finder. 2,407,306; Sept. 10.

Land, Edwin H., Cambridge, Mass., and D. P. Cooper, Jr., Washington, D. C., assignors to Polaroid Corporation, Cambridge, Mass. Range finder. 2,404,302; July 16.

Land, Harry A.: *See*—
Bechman, William O., Land, and Acton.

Landau, Joseph N., New York, N. Y. Drawn-in collet chuck. 2,398,540; Apr. 16.

Landberg, Erik G., assignor to Goulds Pumps, Inc., Seneca Falls, N. Y. Multistage centrifugal pump. 2,407,987; Sept. 24.

Landers, Alton D., and F. H. Lindsay, Brockton, Mass., assignors to Woodward & Wright Last Co., East Bridgewater, Mass. Lathe for turning lasts or the like. 2,411,135; Nov. 12.

Landes, Chester G., New Canaan, Conn., assignor to American Cyanamid Company, New York, N. Y. Coating compositions for paper and the like. 2,399,489; Apr. 30.

Landgraf, Frederick K.: *See*—
Greenslade, Grover R., and Landgraf.

Landis, George G., University Heights, assignor to The Lincoln Electric Company, Cleveland, Ohio. Welder's shield. 2,395,053; Feb. 19.

Landis & Grr, A. G., assignee: *See*—
Fehr, Paul.
Fröhlich, Hans.
Heynisch, Paul.
Ogurkowski, Georges.
Weber, Ernst.

Landis Machine Company, assignee: *See*—
Nell, Frederic.

Landis Tool Company, assignee: *See*—
Price, Ralph E.

Landmeier, Edwin W., Erlanger, assignor to The Wadsworth Electric Manufacturing Company, Covington, Ky. Arc extinguishing means. 2,393,385; Jan. 22.

Landmeier, Edwin W., Erlanger, assignor to The Wadsworth Electric Manufacturing Company, Covington, Ky. Enclosed switch. 2,404,183; July 16.

Landon, Vernon D.: *See*—
Carlson, Wendell L., Landon, and Harvey.

Landon, Walter S., assignor to Detroit Lubricator Company, Detroit, Mich. Heating system and control means therefor. 2,398,099; Apr. 9.

Landon, Walter S., assignor to Detroit Lubricator Company, Detroit, Mich. Fluid control for oil burners. 2,404,853; July 30.

Landon, Walter S., Detroit, Mich., assignor to Detroit Lubricator Company, Detroit, Mich. Burner control means. 2,406,228; Aug. 20.

Landrum, Harvey B., and C. A. Husted, Pampa, Tex., assignors to The Texas Company, New York, N. Y. Paraffin removal. 2,411,044; Nov. 12.

Landrum, Joel L., Clovis, N. Mex. Fluid transmission and clutch means. 2,406,548; Aug. 27.

Landrum, Joel L., Marfa, Tex. Automatic hydraulic clutch. 2,406,612; Aug. 27.

Landrum, Porter, Birmingham, Ala. Aircraft propeller. 2,409,438; Oct. 15.

Landry, Max E.: *See*—
Anderson, Rosford O., Landry, and Ardussi.

Landry, Max. E., Tulsa, Okla. Aerial pickup device. 2,410,451; Nov. 5.

Landry, William J.: *See*—
Talge, Henry J., and Landry.

Landt, Theodore J.: *See*—
Lutes, Gilbert M., and Landt.

Landweber, Louis: *See*—
Wilcoxon, Kenneth H., and Landweber.

Lane, Arthur W.: *See*—
Beach, Lennox F., Esval, and Lane.

Lane, Arthur W., Freeport, assignor to Sperry Gyroscope Company, Brooklyn, N. Y. Gyroscopic controlling means. 2,408,634; Oct. 22.

Lane, Clarence E., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Piezoelectric crystal apparatus. 2,410,825; Nov. 12.

Lane, Frank B., College Park, assignor to Engineering and Research Corporation, Riverdale, Md. Means to turn rotatable structures. 2,404,639; July 23.

Lane, Fred A., assignor to Lane Motors Incorporated, Shelburn, Ind. Pump. 2,411,438; Nov. 19.

Lane, Jack N., United States Navy, Washington, D. C. Anesthetic mask. 2,393,326; Jan. 22.

Lane Motors, Incorporated, assignee: *See*—
Lane, Fred A.

Lane, Stanley C.: *See*—
Green, Arthur D., Lane, and Marshall.

Lane, Thomas D., Winnetka, assignor to MacLean Fogg Lock Nut Company, Chicago, Ill. Bolt and mounting therefor. 2,411,629; Nov. 26.

Lane-Wells Company, assignee: *See*—
Chun, Melvin E.
McWhorter, Cullen J.
Meyer Gerhard, and Woodmansee.
Turechek, George F.

Lang, Adam M., assignor to Langsenkamp Wheeler Brass Works, Inc., Indianapolis, Ind. Power-operated sediment tester. 2,400,154; May 14.

Lang, André, Wettingen, assignor to Aktiengesellschaft Brown, Boveri & Cie, Baden, Switzerland. Rectifier. 2,393,390; Jan. 22.

Lang, Felix E., Sayreville, N. J. Frame structure. 2,409,366; Oct. 15.

Lang, Joseph C., Pittsburgh, Pa., assignor to Bocjl Corporation. Stapling apparatus. 2,392,327; Jan. 8.

Lang, Joseph C., assignor to Bocjl Corporation, Pittsburgh, Pa. Expansible prong device. 2,396,276; Mar. 12.

Lang, Joseph C., Pittsburgh, Pa., assignor to Bocjl Corporation. Stapling machine and method. 2,408,563; Oct. 1.

Lang Joseph C., assignor to Bocjl Corporation, Pittsburgh, Pa. Driver for tilt-top staples. 2,409,049; Oct. 8.

Lang, Joseph W., Woodstown, N. J., and S. R. Detrick, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Physical form of organic pigment. 2,402,167; June 18.

Lang, Karl A., Glenview, assignor to Lindberg Engineering Company, Chicago, Ill. Current control apparatus. 2,405,837; Aug. 13.

Lang, Maurice, and H. R. Dam, New York, assignors to H. Hyman, Brooklyn, N. Y. Dry battery. 2,410,826; Nov. 12.

Lang, Wilmarth Y., Towaco, N. J., and E. F. Watson, Larchmont, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph signal enciphering mechanism. 2,406,020; Aug. 20.

Langan, Eugene E.: *See*—
Lemmon, Norman E., Bransky, and Langan.

Langdon, Andrew, Brighton, assignor to General Railway Signal Company, Rochester, N. Y. Railway signaling system. 2,391,985; Jan. 1.

Langdon, Jesse D., Downey, Calif. Sea stop. 2,403,806; July 9.

Lange, Edward H., Baltimore, Md. Demodulator device for frequency and amplitude modulation. 2,395,413; Feb. 26.

Lange, Edward H., Baltimore, Md. Electronic frequency-control device. 2,406,082; Aug. 20.

Lange, Felix, assignor to C. G. Bjorkman, Chicago, Ill. Apparatus for making gut strings. 2,410,509; Nov. 5.

Lange, Henry, assignor to The Quincy Stove Manufacturing Company, Quincy, Ill. Heater. 2,399,490; Apr. 30.

Lange, Henry, assignor to The Quincy Stove Manufacturing Company, Quincy, Ill. Gas burner. 2,409,129; Oct. 8.

Lange, Karl O., Newton, Mass. Radiosonde. 2,396,955; Mar. 19.

Lange, Morris, University Heights, and M. S. Brockman, Cleveland, Ohio; said Brockman assignor to Superior Funeral Supply Corporation, Cleveland, Ohio. Flagstaff support. 2,398,748; Apr. 16.

Lange, Morris, University Heights, Ohio. Flagstaff support. 2,405,701; Aug. 13.

Lange, Paul L. B., Lakewood, Ohio. Portable traffic signal. 2,401,940; June 11.

Lange, Willy, Cincinnati, Ohio, assignor, by direct and mesne assignments, to Ozark Chemical Company, Tulsa, Okla. Production of anhydrous monofluorophosphoric acid. 2,408,785; Oct. 8.

Lange, Willy, and R. Livingston, Cincinnati, Ohio, assignors, by direct and mesne assignments, to Ozark Chemical Company, Tulsa, Okla. Anhydrous monofluorophosphoric acid and producing it. 2,408,784; Oct. 8.

Langel, Adrien L., assignor to Chicago Metallic Manufacturing Company, Chicago, Ill. Multiple baking pan. 2,407,021; Sept. 3.

Langer, Bernard F., Squirrel Hill, and K. L. Wommack, Wilkinsburg, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Strain measuring system. 2,394,079; Feb. 5.

Langer, Nicholas, New York, N. Y., assignor to Central Commercial Company, Chicago, Ill. Solo electrical musical instrument. 2,403,664; July 9.

Langfelder, Otto, New York, N. Y. Machine for working wood and the like. 2,401,002; May 28.

Langford, Ernest E., and A. T. Garnett, assignors to A. J. Garnett Limited, London, England. Portable holdall, case, and bag. 2,405,361; Aug. 6.

Langford, George W., and A. C. Barrows, assignors to Economy Baler Company, Ann Arbor, Mich. Scrap metal baling press. 2,413,054; Dec. 24.

Langhammer, Anthony J., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Apparatus for making briquettes. 2,411,379; Nov. 19.

Langkammerer, Carl M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Esters. 2,393,327; Jan. 22.

Langkammerer, Carl M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Addition products of thiolacetic acid. 2,402,560; June 25.

Langmuir, David B., Englewood, and J. S. Donal, Jr., Princeton Township, Mercer County, N. J., assignors to Radio Corporation of America. Television projector tube. 2,412,520; Dec. 10.

Langner, Lawrence, New York, N. Y., assignor to the Government of the United States of America, as represented by the Secretary of War and his successors in office. Mine destroyer. 2,409,635; Oct. 22.

Langsenkamp, Wheeler Brass Works, Inc., assignee: *See*—
Lang, Adam M.

Langseth, August M., and E. R. Schilb, Staples, Minn. Combination chair, head rest, and hair drier. 2,392,485; Jan. 8.

Langston, Samuel M., Co., assignee: *See*—
Behrens, Herbert C.

Langstroth, Hall: *See*—
Lundy, Clarence C., and Langstroth.

Langstroth, Hall, Hempstead, and F. C. Wallace, Flushing, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Scanning device. 2,407,305; Sept. 10.

Langstroth, Hall, Greenwich, Conn., and F. C. Wallace, New York, N. Y., assignors to Sperry Gyroscope Company, Inc. Scanning device. 2,410,827; Nov. 12.

Langstroth, Theodore A., Montclair, N. J., assignor to Sun Chemical Corporation. Pigment or dyestuff and making the same. 2,410,219; Oct. 29.

Langworthy, William P., Philadelphia, Pa. Core lamination and production thereof. 2,410,220; Oct. 29.

Lank, Alvin B., Washington, D. C. Making wooden post construction. 2,406,887; Aug. 27.

Lankelma, Herman P.: *See*—
Musselman, John M., and Lankelma.

Lankford, Howard Y., Gary, Ind., assignor to Carnegie-Illinois Steel Corporation. Heat exchange. 2,409,873; Oct. 22.

Lannert, William H., Skokie, Ill., assignor to Chicago Pump Company. Pumping apparatus. 2,401,254; May 28.

Lannge, Birger A., Rasunda, Sweden. Remote indication system. 2,408,660; Oct. 1.

Lansden, Gail A., Woodburn, Oreg. Sure grip scythe handle. 2,410,882; Nov. 12.

Lansdowne Steel & Iron Company, assignee: *See*—
Layton, Le Roy.

Lansing, Horace L., Rutherford, N. J., assignor to Poor & Company, New York, N. Y. Rail and joint structure. 2,403,807; July 9.

Lantz, Elmer G., Bay City, assignor to Myrtle E. Hoss, Taft, Oreg. Trailer hitch. 2,400,522; May 21.

Lapha, Charles W., Florham Park, N. J. Skip bar. 2,411,045; Nov. 12.

La Place, Desmond R., assignor to Bocjl Corporation, Pittsburgh, Pa. Method of stapling. 2,392,159; Jan. 1.

La Place, Desmond R., Pittsburgh, Pa., assignor to Bocjl Corporation. Driving staples. 2,392,160; Jan. 1.

La Plant-Choate Mfg. Co., Inc., assignee: *See*—
Austin, Ellsworth W.
Cox, Alonzo C.
Nelson, Donald M., and Rockwell.
Rockwell, Harvey W.

Laplant-Choate Manufacturing Co., Inc., assignee: *See*—
Choate, Roy E., and Austin.
Moran, Edward V.
Rockwell, Harvey W.

La Pointe, Albert A., West Hartford, assignor to La Pointe Engineering Company, Unionville, Conn. Shovel. 2,407,930; Sept. 17.

La Pointe Engineering Company, assignee: *See*—
La Pointe, Albert A.

Lapointe, Francis J., assignor to American Broach & Machine Co., Ann Arbor, Mich. Pull head for broaching machines. 2,392,747; Jan. 8.

Lapointe, Francis J., assignor to American Broach & Machine Co., Ann Arbor, Mich. Broach. 2,392,823; Jan. 15.

Lapointe, Francis J., assignor to American Broach & Machine Co., Ann Arbor, Mich. Pull head for broaching machines. 2,405,961; Aug. 20.

Lapointe, Francis J., assignor to American Broach & Machine Co., Ann Arbor, Mich. Broaching machine. 2,408,521; Oct. 1.

Lapointe Machine Tool Company, The, assignee: *See*—
Barrett, John H.

Lapsley, Robert, and D. S. Dence, Berrien Spring, assignors to Clark Equipment Company, Buchanan, Mich. Synchronizer. 2,395,189; Feb. 19.

Lapsley, Robert, Berrien Springs, assignor to Clark Equipment Company, Buchanan, Mich. Transmission. 2,406,083; Aug. 20.

Larchar, Arthur W., Mendenhall, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymeric materials. 2,412,993; Dec. 24.

La Resista, Corset Company, The, assignee: *See*—
Hollar, John V.

Large, Charles B., Pasadena, M. J. Zucrow, Altadena, and R. L. Hirsch, Glendale, assignors to Aerojet Engineering Corporation, Azusa, Calif. Lubricant. 2,412,688; Dec. 17.

Large, Edward W., Reading, Pa., assignor, by mesne assignments, to American Cyanamid Company, New York, N. Y. Iron blue pigment and manufacture. 2,402,824; June 25.

Larimore, Harvey T., Congress Park, assignor to Kalva Venders, Inc., Chicago, Ill. Coin selector device. 2,395,279; Feb. 19.

Larimore, Harvey T., assignor to Kalva Venders, Inc., Chicago, Ill. Vertical vending machine. 2,405,891; Aug. 13.

Larison Compensating Axle Corporation, assignee: *See*—
Larison, Glenn L.

Larison, Glenn L., La Grande, Oreg., assignor to Larison Compensating Axle Corporation. Vehicle wheel mounting. Re. 22,714; Jan. 22.

Larison, Glenn L., La Grande, Oreg., assignor to Larison Compensating Axle Corporation. Vehicle suspension. 2,401,766; June 11.

Larison, Glenn L., La Grande, Oreg., assignor to Larison Compensating Axle Corporation. Equalizing suspension for vehicles. 2,411,885; Dec. 3.

Larison, Glenn L., assignor to Larison Compensating Axle Corporation, La Grande, Oreg. Vehicle equalizing suspension. 2,413,572; Dec. 31.

Larkin, Cordelia E. O., St. Petersburg, Fla. Shampoo cape. 2,413,456; Dec. 31.

Larkin, Daniel A., Sandusky, Obio, assignor to The Hinde & Dauch Company. Basket handle. 2,405,310; Aug. 6.

Larkin, Walter, Norristown, assignor, by mesne assignments, to Fidelity Machine Company, Inc., Philadelphia, Pa. Sinker guide for knitting machines. 2,403,864; July 9.

La Rocque, Joseph E.: *See*—
Lehane, Timothy J., and La Rocque.

Larrecq, Anthony J., Indianapolis, Ind., assignor to General Electric Company. Supercharger control system. 2,393,172; Jan. 15.

Larrecq, Anthony J., Marblehead, Mass., assignor to General Electric Company. Gas turbine power plant. 2,399,046; Apr. 23.

Larrecq, Anthony J., Indianapolis, Ind., assignor to General Electric Company. Turbosupercharger. 2,406,388; Aug. 27.

Lars, Ernest, Melrose Park, Ill. Centrifugal separator. 2,403,089; July 2.

Larsen, Agnew E., Jenkintown, assignor to Autogiro Company of America, Philadelphia, Pa. Molded airfoil, especially for sustaining rotors. 2,400,649; May 21.

Larsen, Delmar H.: *See*—
Miller, Glen W., Kells, and Larsen.

Larsen, Delmar H., assignor to National Lead Company, Los Angeles, Calif. Compacting or sealing formations. 2,393,173; Jan. 15.

Larsen, Delmar H., assignor to National Lead Company, Los Angeles, Calif. Well drilling fluid material and preparing the same. 2,393,174; Jan. 15.

Larsen, Earl I.: *See*—
Hensel, Franz R., and Larsen.
Hensel, Franz R., Larsen, and Suggs.

Larsen, Elner W., Elmhurst, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Sorting apparatus. 2,396,378; Mar. 12.

Larsen, Harry V., Seattle, Wash. Rowlock. 2,405,659; Aug. 13.

Larsen, Melvin J., Inglewood, Calif. Machine tool. 2,392,486; Jan. 8.

Larsen, Merwin J., Rochester, N. Y., assignor to Central Commercial Company, Chicago, Ill. Electronic organ. 2,403,090; July 2.

Larsen, Merwin J., C. S. Schjonberg, and J. A. Oswald, Houghton, Mich., assignors to Central Commercial Company, Chicago, Ill. Frequency generating system. 2,410,883; Nov. 12.

Larsen, Robert M.: *See*—
Gallanty, Irving R., and Larsen.

Larsen, Rudolph H., San Francisco, assignor to Fred Bresee, Jr., doing business as "Balab," Hillsborough, Calif. Defoaming composition and process. 2,412,276; Dec. 10.

Larson, Alfred T., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Ethylene polymerization process. 2,396,920; Mar. 19.

Larson, Alfred T., Wilmington, Del., and N. W. Krase, Swarthmore, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymerizing ethylene. 2,405,962; Aug. 20.

Larson, Alfred T., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Co-oxidation reaction. 2,405,963; Aug. 20.

Larson, Alvin W., assignee: *See*—
Porter, Edward.

Larson, Arthur G., Forest Hills, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Control apparatus. 2,398,903; Apr. 23.

Larson, Arthur G., Forest Hills, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Control mechanism. 2,402,419; June 18.

Larson, Carl H., Elkhart, Ind., assignor to The Adlake Company. Apparatus for fabricating mercury switches and the like. 2,396,956; Mar. 19.

Larson, Carl H., Elkhart, Ind., assignor to The Adlake Company. Mercury switch. 2,401,768; June 11.

Larson, Carl H., Elkhart, Ind., assignor to The Adlake Company. High load mercury switch. 2,401,767; June 11.

Larson, Carl O., Seattle, Wash. Automobile door lock. 2,397,671; Apr. 2.

Larson, Edwin C., San Francisco, Calif. Fire escape. 2,409,767; Oct. 22.

Larson, Edwin H., assignor to C. J. Bates & Son, Chester, Conn. Tatting shuttle. 2,395,786; Feb. 26.

Larson, Ells L., Chicago, Ill. Cylinder liner. 2,412,587; Dec. 17.

Larson, Glen M.: *See*—
Lewis, Howard B., and Larson.

Larson, Louis A., Minneapolis, Minn. Safety razor. 2,399,552; Apr. 30.

Larson, Ralph A., Oak Park, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Fireproof wiper roll. 2,413,146; Dec. 24.

Larson, Wallace M., Minneapolis, assignor to Ammoco Products Co., Inc., St. Paul, Minn. Dispensing appliance. 2,392,676; Jan. 8.

Larsson, Sven Ekeby, Almby, Sweden. Locking mechanism. 2,408,024; Sept. 24.

La Rue, John C., Bainbridge, Ohio. Knockdown picnic table. 2,411,558; Nov. 26.

La Rue, William D., Merchantville, N. J., assignor to Radio Corporation of America. Mounting crystal detectors. 2,413,186; Dec. 24.

Larvick, Frank, Chicago Heights, Ill. Carrier projectile. 2,396,666; Mar. 19.

La Salle Designing Company, assignee: *See*—
Conn, Alfred J., and Stanley.

Lasensky, Maurice M.: *See*—
Albers, John R., and Lasensky.

Lasher, Edward A.: *See*—
Bush, William A., and Lasher.

Laskey, Benjamin G., Stockton, Calif. Pump. 2,393,175; Jan. 15.

Latchford, William B., Rochester, and L. C. Holmes, Fairport, assignors to Stromberg-Carlson Company, Rochester, N. Y. Recording and reproducing head for magnetic recording. 2,413,108; Dec. 24.

Latchum, John W., Jr., Bartlesville, Okla., assignor to Phillips Petroleum Company. Chemical treatment. 2,396,859; Mar. 19.

Latchum, John W., Jr., and J. S. Connors, Bartlesville, Okla., assignors to Phillips Petroleum Company. Regeneration of absorbent. 2,404,854; July 30.

Latendorf Conveying Corporation, assignee: *See*—
Stadelman, Frank.

Lateur, Gaston L., Menlo Park, Calif. Conical cap for collapsible tubes. 2,404,879; July 30.

Lateur, Gaston L., Menlo Park, Calif. Adjustable ship curve. 2,404,880; July 30.

Latham, George H.: *See*—
Iler, Ralph K., Latham, and Robinson.

Latham, George H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymer products. 2,404,714; July 23.

Latimer, Kenneth E., Hendon, London, England, assignor to Hartford National Bank and Trust Company, Hartford, Conn., trustee. High-frequency resistance. 2,399,645; May 7.

Latimer, Minor W.: *See*—
Smith, Roscoe B., and Latimer.

Latta, Lynn H.: *See*—
Nuffer, Joseph H., and Latta.

Latty, William J.: *See*—
Bolas, John T., Edwards, and Latty.

Latura, John J., Memphis, Tenn. Prefabricated dog house. 2,410,221; Oct. 29.

Lautsy, Anton J., Milwaukee, Wis. Collapsible artificial bait. 2,392,677; Jan. 8.

Laubscher, G., & Co., Swiss firm of, assignee: *See*—
Bucher, Rudolf.

Lauck, John A., South Euclid, assignor to Pesco Products Co., Cleveland, Ohio. Gear divider with pressure loaded bushings. 2,412,588; Dec. 17.

Laucks, I. F., Inc., assignee: *See*—
Galber, Harry, and Golick.

Laudahl, Mark J., Portland, Oreg. Trailer hitch and automatic brake actuator. 2,401,084; May 28.

Laudan, Fred P.: *See*—
Minshall, Robert J., Laudan, and Emery.

Lauer, George J., Long Beach, Calif. Lawn mower reedger. 2,412,343; Dec. 10.

Laughead, James F., Ottawa, Kans, assignor to Ottawa Steel Products, Incorporated. Power-operated equipment for tractors. 2,403,808; July 9.

Laughery, Alfred A., Jr., Maryland Park, Md. Serving mallet. 2,401,357; June 4.

Laughlin, Kenneth C., Wilmington, Del., assignor to Standard Oil Development Company. Catalytic dehydrogenation. 2,405,436; Aug. 6.

Laughlin, Kenneth C., Baton Rouge, La., assignor to Standard Oil Development Company. Improving aviation fuels. 2,409,695; Oct. 22.

Laughlin, William W., Memphis, Tenn. Collapsible wheel aligning gauge. 2,401,256; May 28.

Laurenson, Robert M., Elkhart, Ind., assignor to The Union Switch and Signal Company, Swissvale, Pa. Remote control system. 2,394,080; Feb. 5.

Lauria, Ralph, Cleveland Heights, Ohio. Convertible pocket for garments. 2,405,964; Aug. 20.

Laury, Napoleon A., Bound Brook, and J. B. Lombardo, Somerville, N. J., assignors to American Cyanamid Company, New York, N. Y. Making pyrosulphuryl chloride. 2,396,581; Mar. 12.

Laus, André N., Newton, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Coating compositions. 2,396,051; Mar. 5.

Lauterbach, Norman E., Newark, assignor to Ritter Company, Inc., Rochester, N. Y. Automatic container filler. 2,395,674; Feb. 26.

Lauve, Louis L., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Container cap. 2,408,465; Oct. 1.

Lavallee, Louis J. A., Springfield, Mass. Making plastic objects. 2,401,306; June 4.

La Valley, Tennis J., Detroit, Mich. Measuring instrument. 2,401,085; May 28.

Lavender, Raymond W., Waterford, N. Y., assignor to General Electric Company. Motor control apparatus. 2,407,084; Sept. 3.

Lavett, Charles O., Kenmore, and H. F. Kerker, Buffalo, N. Y., assignors, by mesne assignments, to Blaw-Knox Company, Pittsburgh, Pa. Liquid level control. 2,409,768; Oct. 22.

Lavino, E. J., and Company, assignee: *See*—
Griffith, Raymond E.

Lavo, Harry J.: *See*—
Faust, William S., and Lavo.

Lavoie, Georges I., Buffalo, N. Y. Band saw. 2,394,789; Feb. 12.

Lavor, Edward M.: *See*—
Elliot, Robert L., and Lavor.

Lavota, Rudolph A., Milwaukee, Wis. Lathe attachment. 2,392,596; Jan. 8.

Law, Harold B., Princeton, N. J., assignor to Radio Corporation of America. Television transmitting apparatus. 2,401,786; June 11.

Law, Harold B., Princeton, N. J., assignor to Radio Corporation of America. Electrode structure and manufacture. 2,403,224; July 2.

Law, Harold B., Princeton, N. J., assignor to Radio Corporation of America. Manufacturing electrode foundation structures. 2,403,225; July 2.

Law, John C., Topeka, Kans., assignor to The Union Switch and Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,404,303; July 16.

Law, Lester E., Connersville, Ind. Garment hanger. 2,400,761; May 21.

Law, Richard A., Richmond Hill, N. Y. Portable auxiliary brake control. 2,395,280; Feb. 19.

Law, Thomas E., Central Heights Globe, Ariz. Wind power plant. 2,409,439; Oct. 15.

Lawler, Frank P., assignee, et al.: *See*—
Lawler, Frank P.

Lawler, Frank P., Chicago, Ill., assignor to Service Supply Corporation, Philadelphia, Pa. Crane attachment for tractors. 2,393,916; Jan. 29.

Lawler, Frank P., Chicago, Ill. Reduction gear drive. 2,401,875; June 11.

Lawler, Frank P., Chicago, Ill., assignor of one-third to C. H. Grant, San Francisco, Calif., one-third to F. P. Lawler, Chicago, Ill., and one-third to P. J. Tyler, Oroville, Calif. Hoist. 2,402,756; June 25.

Lawless, Timothy E., Marcellus Falls, N. Y. Safety device. 2,410,984; Nov. 12.

Lawlor, Joseph W.: *See*—
Huntington, James M., and Lawlor.

Lawlor, Martin T., Waterbury, Conn., assignor, by mesne assignments, to I. Rossi. Skin clamp. 2,410,664; Nov. 5.

Lawlor, Reed C., Alhambra, assignor to Consolidated Engineering Corporation, Pasadena, Calif. Analytical system. 2,400,557; May 21.

Lawrance, Richard B., Kingston, Mass., assignor, by mesne assignments, to Hazeltine Research, Inc., Chicago, Ill. Ultra high frequency signal-translating apparatus. 2,404,640; July 23.

Lawrence, A. C., Leather Company, assignee: *See*—
Griffin, Roger L.
Griffin, Roger L., and Moore.

Lawrence, Beardsley, Jr., assignor to Utility Fabrics Company, Inc., Huntington, W. Va. Composite fabric. 2,410,884; Nov. 12.

Lawrence, Bert F. and E. E., Oregon City, Oreg. Ice cream disher. 2,412,050; Dec. 3.

Lawrence, Donald M., Caldwell, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Pressure regulating system. 2,402,499; June 18.

Lawrence, Donald M., Newark, N. J., assignor to Bendix Aviation Corporation, Teterboro, N. J., a corporation of Delaware. Pressure-regulating device. 2,402,500; June 18.

Lawrence, Donald M., Newark, assignor to Bendix Aviation Corporation, Teterboro, N. J. Regulated system. 2,403,381; July 2.

Lawrence, Emma E.: *See*—
Lawrence, Bert F. and E. E.

Lawrence, Howard C., Jr., Haddonfield, N. J., assignor to Radio Corporation of America. High frequency vacuum tube circuit. 2,403,725; July 9.

Lawrence, Howard C., Jr., Haddonfield, N. J., assignor to Radio Corporation of America. Tuning means. 2,410,222; Oct. 29.

Lawrence, Howard F., assignor, by mesne assignments, to American Engineering Company, Philadelphia, Pa. Stoker. 2,408,321; Sept. 24.

Lawrence, James C.: *See*—
Mitchell, Frederick C., Lawrence, and Stecher.

Lawrence, Malcolm C., Bremerton, Wash. Hand sander. 2,413,147; Dec. 24.

Lawrence Paper Company, The, assignee: *See*—
Hill, Irving.
Hill, Justin D.

Lawrence, Ray V., New Orleans, La., assignor to United States of America as represented by the Secretary of Agriculture. Refining crude oleoresin. 2,395,190; Feb. 19.

Lawrence, Ray V., Lake City, Fla., assignor to Claude R. Wickard, as Secretary of Agriculture of the United States of America and to his successors in office. Refining oleoresin. 2,411,925; Dec. 3.

Lawrence, Robert W.: *See*—
Cordle, Cornell H., and Lawrence.

Lawrence, Walter B., St. John's, Newfoundland. Traction device. 2,397,277; Mar. 26.

Lawrenson, Ernest: *See*—
Mann, Walter N., and Lawrenson.

Laws, Arthur J., Avon Lake, assignor to The International Transparency Company, Cleveland, Ohio. Preparing signs. 2,394,701; Feb. 12.

Lawson, Archibald, East Orange, N. J., and C. M. Young, Newburgh, N. Y. Liquid separator apparatus. 2,405,838; Aug. 13.

Lawson, Edwin L.: *See*—
Farmer, Edward B., and Lawson.

Lawson, Elmer J., and H. C. Parke, assignors to Parke, Davis & Company, Detroit, Mich. Preparation of vitamin intermediate. 2,399,362; Apr. 30.

Lawson, Robert H., assignor to Scott & Williams, Incorporated, Laconia, N. H. Racking mechanism for knitting machines. 2,411,795; Nov. 26.

Lawson, Walter E.: *See*—
Burrows, Lawton A., and Lawson.
Huston, Frederick P., Burrows, and Lawson.

Lawson, Walter E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Low-freezing oxidant. 2,403,932; July 16.

Lawson, William E., Sr., Rahway, N. J. Toy pistol. 2,408,984; Oct. 8.

Lawton, George, Highgate, London, England. Removal of astringent substances from cocoa. 2,398,945; Apr. 23.

Lawton, Harvey B., Bloomington, Ill., assignor, by mesne assignments, to Eureka Vacuum Cleaner Company, Detroit, Mich. Lubricator for refrigerating systems. 2,394,081; Feb. 5.

Laymon, Vaughn J., Fort Wayne, Ind., assignor to International Harvester Company. Automatic belt tightener. 2,395,332; Feb. 19.

Layng, Edwin T., Jersey City, and S. Goldwasser, East Orange, assignors to The M. W. Kellogg Company, Jersey City, N. J. Hydrocarbon conversion. 2,302,248; Jan. 1.

Laystall Engineering Company Limited, assignee: *See*—
Hedgecock, Stanley.

Layton, Arthur C., Dallas, Tex. Detecting flaws. 2,393,996; Feb. 5.

Layton, Le Roy, Lansdowne, assignor to Lansdowne Steel & Iron Company, Morton, Pa. Nosing-in apparatus for shell forgings. 2,404,304; July 16.

Lazan, Benjamin J., Greenwich, Conn. Oscillator. 2,410,179; Oct. 29.

Lazar, Arthur, Berkeley, and J. C. Carter, Concord, assignor to Tide Water Associated Oil Company, San Francisco, Calif. Manufacture of lubricating oils. 2,402,288; June 18.

Lazar, Edward F., Crestwood, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Antifeedback circuit system. 2,401,358; June 4.

Lazarus, George H., Jr., and J. F. Bewley, Bowling Green, Ky. Gun mounting. 2,405,792; Aug. 13.

Lazier, Wilbur A.: *See*—
Alvarado, Alfonso M., Lazier, and Werntz.
Farlow, Mark W., and Lazier.

Lazier, Wilbur A., and F. K. Signaigo, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Treatment of polymeric materials with dithioglycidol. 2,396,957; Mar. 19.

Lazier, Wilbur A., Birmingham, Ala., and P. L. Salzberg, Brandywine Hundred, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical compounds and processes. 2,402,591; June 25.

Lazier, Wilbur A., New Castle County, and F. K. Signaigo, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Lactones of mercapto carboxylic acids and preparing them. 2,402,639; June 25.

Lazier, Wilbur A., New Castle County, and F. K. Signaigo, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical processes and product. 2,402,640; June 25.

Lazier, Wilbur A., New Castle County, and F. K. Signaigo, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of aryl thiols. 2,402,641; June 25.

Lazier, Wilbur A., and F. K. Signaigo, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical processes. 2,402,642; June 25.

Lazier, Wilbur A., F. K. Signaigo, and J. H. Werntz, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical processes. 2,402,643; June 25.

Lazier, Wilbur A., F. K. Signaigo, and J. H. Werntz, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical processes. 2,402,644; June 25.

Lazier, Wilbur A., New Castle County, F. K. Signaigo, Wilmington, and L. G. Wise, New Castle County, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of thionaphthols. 2,402,645; June 25.

Lea, Edward S., Morrisville, Pa., assignor to Buensod-Stacey, Incorporated. Applying helical fins to cylindrical bodies. 2,396,795; Mar. 19.

Lea Fabrics, Inc., assignee: *See*—
Buffington, Malcolm R.

Lea, George D., Downers Grove, and C. L. Pfeiffer, Chicago, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Apparatus for assembling articles. 2,410,665; Nov. 5.

Lea, Grace J., administratrix: *See*—
Lea, Henry I.

Lea, Harlan L., Racine, Wis. Attachment for stadium boots. 2,408,564; Oct. 1.

Lea, Henry I., Santa Monica, Calif.; G. J. Lea, administratrix of said H. I. Lea, deceased. Distillation system. 2,398,836; Apr. 23.

Leach, Carl W., Los Angeles, Calif. Motor vehicle. 2,398,541; Apr. 16.

Leach, Lester L., Barberton, Ohio, assignor to The Babcock & Wilcox Company, Rockleigh, N. J. Fuel burner. 2,397,793; Apr. 2.

Leach, Lloyd L., Swarthmore, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Protective sheet for rubber. 2,391,986; Jan. 1.

Leach, Lloyd O., Seattle, Wash. Liquid dispenser. 2,397,321; Mar. 26.

Lead Industries Association, Wormser, Felix E., secretary of, assignee: *See*—
Dick, Robert.

Leadbeater, Luther: *See*—
Pyne, Kenneth E. and C. D., and Leadbeater.

Leadbetter, Ralph L., Wheaton, assignor, by mesne assignments, to Burgess-Manning Company, Chicago, Ill. Communication booth. 2,397,609; Apr. 2.

Leaf, Walter B., Denver, Colo. Retarding cinder cutting. 2,408,428; Oct. 1.

Leake, Armistead, assignor to Lerio Patent Cup Co., Inc., Mobile, Ala. Pumping system. 2,394,191; Feb. 5.

Leake, W. E. Company, Inc., assignee: *See*—
Leake, William E., Jr.

Leake, William E., Jr., Birmingham, Ala., assignor to W. E. Leake Company, Inc. Outdoor cooking apparatus. 2,408,859; Oct. 8.

Lear, Earl B., Garfield Heights, assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Snubber for hoists. 2,400,358; May 14.

Lear, Earl B., Garfield Heights, and A. Meyer, Cleveland Heights, assignors, by mesne assignments, to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Clutch mechanism for slusher hoists. 2,400,359; May 14.

Lear, Earl B., Garfield Heights, and A. Meyer, Cleveland Heights, assignors to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Hoist drum cover. 2,402,289; June 18.

Lear, Incorporated, assignee: *See*—
Geren, Philip.
Lear, William P.
Lear, William P., and Davis.
Plotkin, Victor J.
Slavic, Fred M.

Lear, Joseph D., assignor, by mesne assignments, to Fedders-Quigan Corporation, Buffalo, N. Y. Machine for winding fin stocks. 2,408,322; Sept. 24.

Lear, William P., North Hollywood, Calif., assignor, by mesne assignments, to Lear, Incorporated, Grand Rapids, Mich. Directional radio receiver. 2,392,328; Jan. 8.

Lear, William P., North Hollywood, Calif., assignor, by mesne assignments, to Lear, Incorporated, Piqua, Ohio. Direction finding system. 2,393,644; Jan. 29.

Lear, William P., North Hollywood, Calif., assignor, by mesne assignments, to Lear, Incorporated, Grand Rapids, Mich. Electromagnetic centrifugal governor. 2,401,256; May 28.

Lear, William P., North Hollywood, Calif., assignor, by mesne assignments, to Lear, Incorporated, Grand Rapids, Mich. Torque preselecting mechanism. 2,403,094; July 2.

Lear, William P., North Hollywood, Calif., assignor, by mesne assignments, to Lear, Incorporated, Grand Rapids, Mich. Traversing hoist. 2,403,095; July 2.

Lear, William P., North Hollywood, Calif., assignor, by mesne assignments, to Lear, Incorporated, Grand Rapids, Mich. Synchronized direct current motor system. 2,403,097; July 2.

Lear, William P., North Hollywood, Calif., assignor, by mesne assignments, to Lear, Incorporated, Grand Rapids, Mich. Automatic motor synchronization control. 2,403,098; July 2.

Lear, William P., North Hollywood, Calif., assignor, by mesne assignments, to Lear, Incorporated, Grand Rapids, Mich. Cargo hoist. 2,403,099; July 2.

Lear, William P., North Hollywood, Calif., assignor, by mesne assignments, to Lear, Incorporated, Grand Rapids, Mich. Power transmission control unit. 2,403,101; July 2.

Lear, William P., North Hollywood, Calif., assignor, by mesne assignments, to Lear, Incorporated, Grand Rapids, Mich. Siren for aircraft. 2,409,131; Oct. 8.

Lear, William P., North Hollywood, Calif., assignor, by mesne assignments, to Lear, Incorporated, Grand Rapids, Mich. Reeling mechanism. 2,409,132; Oct. 8.

Lear, William P., Piqua, assignor, by mesne assignments, to Lear, Incorporated, Piqua, Ohio. Aircraft siren system. 2,392,394; Jan. 8.

Lear, William P., Piqua, Ohio, assignor, by mesne assignments, to Lear, Incorporated, Grand Rapids, Mich. Multiple band radio direction compensator. 2,398,100; Apr. 9.

Lear, William P., Piqua, Ohio, assignor, by mesne assignments, to Lear, Incorporated, Grand Rapids, Mich. Electromagnetic clutch. 2,401,003; May 28.

Lear, William P., Piqua, Ohio, assignor, by mesne assignments, to Lear, Incorporated, Grand Rapids, Mich. Compass control system. 2,403,091; July 2.

Lear, William P., Piqua, Ohio, assignor, by mesne assignments, to Lear, Incorporated, Grand Rapids, Mich. Linear actuator. 2,403,092; July 2.

Lear, William P., Piqua, Ohio, assignor, by mesne assignments, to Lear, Incorporated, Grand Rapids, Mich. Loop antenna construction. 2,403,093; July 2.

Lear, William P., Piqua, Ohio, assignor, by mesne assignments, to Lear, Incorporated, Grand Rapids, Mich. Radio azimuth compensator. 2,409,130; Oct. 8.

Lear, William P., Piqua, Ohio, and W. D. Davis, Baldwin, Long Island, N. Y., assignors, by mesne assignments, to Lear, Incorporated, Grand Rapids, Mich. Gyromatic radio compass. 2,392,329; Jan. 8.

Leary, James F., and C. W. Michatek, Rochester, N. Y. Adjustable strike plate for door locks. 2,403,182; July 2.

Leather, George B. and W. H. Wallbanks, Feltham, assignors to General Aircraft Limited, Feltham, Middlesex, England. Foldable stretcher. 2,407,085; Sept. 3.

Leatherman, Martin, Hyattsville, Md. Fire resistant coating composition. 2,407,668; Sept. 17.

Leathers, Chester F., Detroit, Mich. Welding electrode. 2,402,646; June 25.

Leathers, Ward, and J. Haddad, Brooklyn, assignors to International Business Machines Corporation, New York, N. Y. Accounting machine. 2,393,386; Jan. 22.

Leathers, Ward, Brooklyn, assignor to International Business Machines Corporation, New York, N. Y. Sensing mechanism. 2,395,557; Feb. 26.

Leathers, Ward, Brooklyn, assignor to International Business Machines Corporation, New York, N. Y. Visual indicating device. 2,398,015; Apr. 9.
Leavell, Charles, Washington, D. C., and J. A. Wheeler, Princeton, N. J., assignors to Mechanical Research Corporation. Vibration apparatus. 2,400,650; May 21.
Leavitt, David D., Boston, Mass. Folding crib. 2,413,457; Dec. 31.
Leavitt, Lillie M., Lakeport, N. H. Bed-type chair. 2,411,278; Nov. 19.
Leavitt Machine Company, The, assignee: *See*—
Wilcox, Philip E.
Leavitt, Minard A., Avon by the Sea, N. J., assignor to General Electric Company. Circuit controlling device. 2,393,784; Jan. 29.
Lebedeff, Yurri E.: *See*—
Phillips, Albert J., Lebedeff, and Crandall.
Lebet, Pierre, assignor to Aktiengesellschaft Adolph Saurer, Arbon, Switzerland. Supercharging control for internal-combustion engines. 2,403,865; July 9.
Le Blond Machine Tool Company, assignee: *See*—
Groene, William F., and Kemper.
Le Blond, R. K., Machine Tool Company, assignee: *See*—
Groene, William F., and Aufderhar.
Hartley, Albert L.
Pierle, Henry C.
Le Blond, R. K., Machine Tool Company, The, assignee: *See*—
Groene, William F., and Kemper.
Le Boeuf, Russell L.: *See*—
Hanson, Ernest H., Grierson, and Le Boeuf.
Lebowitz, Samuel, assignee: *See*—
Auerbach, Abraham.
Lebus, William A., assignor to Prismacolor, Inc., Chicago, Ill. Film gate release. 2,407,339; Sept. 10.
Lebworth, Mark K.: *See*—
Mautner, Oscar, and Lebworth.
Lecher, Hans Z., Plainfield, R. P. Parker, Somerville, and J. J. Denton, Bound Brook, N. J., assignors to American Cyanamid Company, New York, N. Y. Disazo dyestuffs. 2,394,246; Feb. 5.
Lecher, Hans Z., Plainfield, M. Scalera, Somerville, and E. M. Hardy, Bound Brook, N. J., assignors to American Cyanamid Company, New York, N. Y. Preparation of dyestuffs of the indanthrene series. 2,396,582; Mar. 12.
Lecher, Hans Z., Plainfield, M. Scalera, Somerville, and E. M. Hardy, Bound Brook, N. J., assignors to American Cyanamid Company, New York, N. Y. Manufacture of sulphuric ester salts of phenols. 2,402,647; June 25.
Lecher, Hans Z., Plainfield, and M. Scalera, Somerville, N. J., and C. T. Lester, Emory University, Ga., assignors to American Cyanamid Company, New York, N. Y. Manufacture of sulphuric ester-salts of leuco quinones. 2,403,226; July 2.
Lecher, Hans Z., Plainfield, and J. P. Goulding, Neshanic Station, N. J., assignors to American Cyanamid Company, New York, N. Y. N-substituted derivatives of 5-amino-1,3-benzodioxoles. 2,409,133; Oct. 8.
Lecher, Hans Z., Plainfield, J. P. Goulding, Neshanic Station, and R. P. Parker, Somerville, N. J., assignors to American Cyanamid Company, New York, N. Y. Derivatives of 6-amino-1, 3-benzodioxan. 2,409,134; Oct. 8.
Leck, George W., Collingswood, N. J., assignor to Radio Corporation of America. Orienting mechanism for pulse echo systems. 2,410,666; Nov. 5.
Le Clair, Camille C. S., Acton, London, England. Flexible packing or sealing ring. 2,402,114; June 11.
Le Clair, Camille C. S., Acton, London, England. Hydraulic damping device. 2,412,277; Dec. 10.
Ledbetter, James C., E. M. Pritchard and E. W. Sherman, New York, N. Y., assignors to The Prosperity Company, Inc., Syracuse, N. Y. Machine and humidity responsive control therefor. 2,395,787; Feb. 26.
Ledbetter, John N., Jr., assignee: *See*—
Holm-Hansen, Osmund.
Leddy, Edward J., Columbus, Ohio. Instrument for administering corrective treatment to parts of the human anatomy. 2,402,901; June 25.
Lederer, Karl M., Newark, and A. Dempster, Linden, N. J., assignor to Weston Electrical Instrument Corporation, Newark, N. J. Instrument bearing. 2,405,892; Aug. 13.
Lederle Laboratories, Inc., assignee: *See*—
Carlson, Gustaf H.
Lee, John W., and Stirn.
Piersma, Henry D.
Ledford, Carl R.: *See*—
Egan, Charles M., and Ledford.
Ledin, Charles, assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Chest lock. 2,399,812; May 7.
Ledwin, Richard D., Eggertsville, assignor to Scott Aviation Corporation, Lancaster, N. Y. Tail wheel assembly for airplanes. 2,396,277; Mar. 12.
Ledwinka, Joseph, Philadelphia, Pa. Propeller drive with pitch-changing mechanism. 2,409,050; Oct. 8.
Ledwinka, Joseph, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Railway truck. 2,402,501; June 18.
Ledwinka, Joseph, Philadelphia, Pa., assignor to The Budd Company. Axle suspension. 2,410,402; Nov. 5.
Ledwinka, Joseph, Philadelphia, and G. Trautvetter, Jenkintown, assignors to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Rest room for vehicles especially rail cars. 2,400,462; May 14.
Ledwinka, Joseph, Philadelphia, and J. W. Kelly, Elkins Park, assignors to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Combined body and chassis structure. 2,405,260; Aug. 6.
Ledwinka, Joseph, Philadelphia, and G. Trautvetter, Jenkintown, assignors to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Heater duct. 2,405,839; Aug. 13.
Ledwinka, Joseph, Philadelphia, and G. Trauvetter, Jenkintown, assignors to The Budd Company, Philadelphia, Pa. Window construction, especially for rail cars. 2,407,086; Sept. 3.
Ledwith, Walter A., Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Turbine shaft cooling. 2,395,128; Feb. 19.
Ledwith, Walter A., assignor to United States Aircraft Corporation, East Hartford, Conn. Piston construction. 2,411,886; Dec. 3.
Ledwith, Walter A., Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Power plant construction. 2,411,887; Dec. 3.
Ledwith, Walter A., Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Assembly of engine cylinders and manifolds. 2,412,344; Dec. 10.
Lee, Alfred L., Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. Contact printing frame. 2,391,987; Jan. 1.
Lee, Arthur L., Upper Arlington, Ohio., assignor to The Jeffrey Manufacturing Company. Mine truck. 2,395,333; Feb. 19.
Lee, Asa R., assignor to Designers for Industry, Inc., Cleveland, Ohio. Air-speed indicator. 2,408,661; Oct. 1.
Lee, Bernard F., Framingham, assignor to J. Sandler, Brookline, Mass. Moccasin blank. 2,412,051; Dec. 3.
Lee, Bernard F., Framingham, assignor to J. Sandler, Brookline, Mass. Shoemaking. 2,412,521; Dec. 10.
Lee Clay Products Company, Incorporated, assignee: *See*—
Francis, John B.
Lee, Edward C., deceased, by J. T. Cullinan, Chicago, administrator, and C. L. Thomas, Riverside, assignors to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oil. 2,406,613; Aug. 27.
Lee, Edward C., deceased, by J. T. Cullinan, Chicago, administrator, and C. L. Thomas, Riverside, assignors to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oil. 2,406,614; Aug. 27.
Lee, Edward W.: *See*—
Hart, John A. H., and Lee.
Lee, Edwin C.: *See*—
Scott, Thomas R., and Lee.
Lee, Edwin C., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Joint for electric power cables maintained under gas pressure. 2,392,748; Jan. 8.
Lee, Edwin C., London, W. C. 2, England, assignor to International Standard Electric Corporation, New York, N. Y. Filling confined spares associated with electric apparatus. 2,395,886; Mar. 5.
Lee Engineering Research Corporation, assignee: *See*—
Lee, Royal.
Lee, Ernest D., West Englewood, N. J., assignor to Interchemical Corporation, New York, N. Y. Intaglio ink. 2,409,214; Oct. 15.
Lee, Ernest D., West Englewood, N. J., assignor to Interchemical Corporation, New York, N. Y. Printing ink. 2,409,215; Oct. 15.
Lee, Ernest D., West Englewood, N. J., assignor to Interchemical Corporation, New York, N. Y. Refining resin. 2,409,216; Oct. 15.
Lee, Floyd J., La Habra, assignor to J. C. Burnam, Whittier, Calif. Fire extinguishing device. 2,404,804; July 30.
Lee, Frank H., Company, The, assignee: *See*—
Kane, John E.
Lee, Thomas F., and Ives.
Lee, George H., assignor to The Bristol Aeroplane Company Limited, Bristol, England. Brazing, soldering, or the like process. 2,411,439; Nov. 19.
Lee, Harry E., Oswego, assignor to St. Regis Paper Company, New York, N. Y. Making valve bags. 2,392,094; Jan. 1.
Lee, Henry R., Pitman, J. Deinet, Glassboro, and H. B. Gottlieb, Glassboro, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing pyranthrone. 2,405,702; Aug. 13.
Lee, Henry R., Pitman, N. J., and E. T. Howell, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of dibenzanthronyls. 2,413,507; Dec. 31.
Lee, John G., Farmington, East Hartford, Conn. Bomb displacing gear. 2,412,460; Dec. 10.
Lee, John G., Farmington, Conn. Bomb rack. 2,413,635; Dec. 31.
Lee, John G., Farmington, assignor to United Aircraft Corporation, East Hartford, Conn. Exhaust thrust augmenter. 2,401,941; June 11.

Lee, John H., Rockford, Ill. Carillon toy. 2,397,794; Apr. 2.
Lee, John W., Indianapolis, Ind., and F. E. Stirn, Pearl River, assignors to Lederle Laboratories, Inc., New York, N. Y. Recovering hormones. 2,398,185; Apr. 9.
Lee, Joseph J.: *See*—
Hannewald, Burton A., Lee, and Wheatley.
Lee, Leighton, II, Middletown, assignor to Chandler-Evans Corporation, South Meriden, Conn. Fuel supply system. 2,402,332; June 18.
Lee, Leonard P., assignee: *See*—
Tippen, Frank J.
Lee, Pyungtoo W., York, Pa., assignor to The Dentists' Supply Company of New York, New York, N. Y. Manufacture of artificial teeth and other molded articles. 2,392,929; Jan. 15.
Lee, Reuben, Catonsville, Md., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Pulse transformer. 2,412,893; Dec. 17.
Lee, Robert E., Duluth, Minn. Gauge. 2,397,020; Mar. 19.
Lee, Roger K., Detroit, Mich. Speed reducing unit. 2,396,860; Mar. 19.
Lee, Royal, Milwaukee, Wis. Recording instrument. 2,392,487; Jan. 8.
Lee, Royal, Milwaukee, Wis. Alternating current motor. 2,403,447; July 9.
Lee, Royal, assignor to Lee Engineering Research Corporation, Milwaukee, Wis. Electric motor. 2,406,389; Aug. 27.
Lee, Thomas F., and H. R. Ives, assignors to The Frank H. Lee Company, Danbury, Conn. Hat-band cutting machine. 2,412,780; Dec. 17.
Lee, William T., Norfolk, Va. Milk cooler. 2,393,387; Jan. 22.
Leece-Neville Company, The, assignee: *See*—
Allen, Edward J.
Leech, Abner Y., Jr., and H. H. Mohaupt, Washington, D. C., assignors to Societe Anonyme de Gestion et d'Exploitation de Brevets. Fuse. 2,405,840; Aug. 13.
Leeds, Laurance M., Rotterdam Junction, N. Y., assignor to General Electric Company. Carrier modulation. 2,393,785; Jan. 29.
Leeds, Laurance M., Rotterdam Junction, N. Y., assignor to General Electric Company. Impedance transformer. 2,396,708; Mar. 19.
Leeds, Laurance M., Rotterdam Junction, N. Y., assignor to General Electric Company. Impedance matching transformer. 2,405,437; Aug. 6.
Leeds, Laurance M., Rotterdam Junction, N. Y., assignor to General Electric Company. Directional radio system. 2,412,159; Dec. 3.
Leeds, Winthrop M.: *See*—
Baker, Benjamin P., and Leeds.
Ludwig, Leon R., Leeds, and Baker.
Leeds, Winthrop M., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit interrupter. 2,403,103; July 2.
Leedy, Jesse, and L. Patrick, Lima, Ohio. Smoker's pipe. 2,404,733; July 23.
Leef, David, Bronx, N. Y. Lamp harp. 2,408,522; Oct. 1.
Leekley, Robert M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymide emulsions. 2,405,965; Aug. 20.
Leermakers, John A.: *See*—
Fallesen, George E., and Leermakers.
Lees-Bradner Company, The, assignee: *See*—
Bradner, John A.
Schurr, Charles H.
Lees, Milton H., Jr., assignee: *See*—
Buchet, Conrad R.
Leese, Charles P., assignor to Standard Car Truck Company, Chicago, Ill. Railway car truck. 2,412,689; Dec. 17.
Le Febvre, Alfred L., Windsor, assignor to The Fuller Brush Company, Harford, Conn. Forming brushes. 2,402,333; June 18.
Lefebvre, Lodas C., Ville St-Laurent (near Montreal), Quebec, Canada. Soft-face attachment for pneumatic hammers. 2,400,833; May 21.
Lefere, Alidor, assignor to Lefere Forge & Machine Company, Jackson, Mich. Drawing press. 2,403,183; July 2.
Lefere Forge & Machine Company, assignee: *See*—
Lefere, Alidor.
Le Fevre, Walter J.: *See*—
Britton, Edgar C., and Le Fevre.
Dreisbach, Robert R., Britton, and Le Fevre.
Leffer, Frederick W.: *See*—
Leffer, Friedrich W.
Leffer, Friederich W., naturalized as Frederick W. Leffer, assignor to Universal Oil Products Company, Chicago, Ill. Conversion of fluid reactants. 2,396,709; Mar. 19.
Leffer, Friedrich W., naturalized as Frederick W. Leffer, assignor to Universal Oil Products Company, Chicago, Ill. Production of aromatics. 2,401,649; June 4.
Leffingwell, Wallace B.: *See*—
Weesner, Carl W., and Leffingwell.
Le Fiell, Sidney, San Francisco, Calif. Carcass hoist and landing device. 2,401,942; June 11.
Lefren, Edward K., Port Ewen, N. Y., assignor to Hercules Powder Company, Wilmington, Del. Charger for explosives. 2,405,507; Aug. 6.
Leftwich, Robert F., Bronxville, N. Y. Cargo truck. 2,405,893; Aug. 13.
Legatski, Harold R., Bartlesville, Okla., assignor to Phillips Petroleum Company. Treatment of hydrocarbons. 2,410,223; Oct. 29.
Le Gloahec, Victor C. E., Rockland, Maine, assignor to Algin Corporation of America, New York, N. Y. Algin compound and preparation thereof. 2,400,834; May 21.
Leguillon, Charles W., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Apparatus for splicing rubberlike materials. 2,409,571; Oct. 15.
Leguillon, Charles W., and C. P. Krupp, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Protective clothing. 2,409,367; Oct. 15.
Leguillon, Charles W., and A. H. Krotz, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Track for self-laying track type vehicle. 2,409,502; Oct. 15.
Lehane, Timothy J., and J. E. La Rocque, assignors to Vapor Car Heating Company, Inc., Chicago, Ill. Fluid pressure actuated modulating control means. 2,401,004; May 28.
Lehde, Henry: *See*—
Libman, Earl E., and Lehde.
Lehigh Valley Coal Sales Company, assignee: *See*—
Drummond, Andrew.
Lehman, Edward H., assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorber. 2,411,279; Nov. 19.
Lehman, Edward H., Chicago, and G. E. Dath, Mokena, assignors to W. H. Miner, Inc., Chicago, Ill. Shock absorber. 2,411,630; Nov. 26.
Lehman, Max I., New York, N. Y. Garment. 2,412,522; Dec. 10.
Lehman, Samuel K., Brooklyn, N. Y., and M. L. Taylor, Ridgewood, assignors to Bendix Aviation Corporation, Teterboro, N. J. Deicer unloading valve. 2,405,362; Aug. 6.
Lehman, Stanley, Madison, Wis. Fountain pen and ink eradicator. 2,393,111; Jan. 15.
Lehman, Sylvester C., Jersey City, N. J. Method and apparatus for packaging food products. 2,392,395; Jan. 8.
Lehmann, Gerard J., assignor to International Standard Electric Corporation, New York, N. Y. Radio receiving system. 2,412,994; Dec. 24.
Lehmann, Karl F., Union, N. J., assignor to American Can Company, New York, N. Y. Transfer mechanism. 2,393,997; Feb. 5.
Lehmberg, William H., Riverside, Conn., and E. L. Johnson, Port Chester, N. Y. Detachable sweatband. 2,411,831; Nov. 26.
Lehner, John, Brentwood, Pa. Dental deflasking mechanism. 2,394,921; Feb. 12.
Lehnhard, Philip J., Tulsa, Okla., assignor to The Dow Chemical Company, Midland, Mich. Well packer. 2,399,125; Apr. 23.
Lehrman, Leo A., assignor to American Steel Foundries, Chicago, Ill. Car truck. 2,392,597; Jan. 8.
Lehrman, Leo A., assignor to American Steel Foundries, Chicago, Ill. Snubber. 2,399,047; Apr. 23.
Leibe, Frank A.: *See*—
Stanley, William G., and Leibe.
Leibe, Frank A., Quakertown, Pa., and W. A. Miner, Jr., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Automatic switch-over signal for telephones. 2,395,887; Mar. 5.
Leible, Harry J., Philadelphia, Pa. Heated steering wheel cover. 2,392,539; Jan. 8.
Leich Electric Company, assignee: *See*—
Blackball, James M.
Leifer, Charles L., Forest Hills, N. Y. Stacking delivery table for paper collating machines. 2,393,254; Jan. 22.
Leigh, Douglas, Inc., assignee: *See*—
Kerwer, Fred.
Leigh, Henry H.: *See*—
Demartini, Robert J., and Leigh.
Leigh, Henry H., and G. E. Walter, Scotia, N. Y., assignors to General Electric Company. Control system. 2,404,641; July 23.
Leigh, John S., Haddonfield, N. J., and A. Murdoch, Jr., Philadelphia, Pa., assignors to Radio Corporation of America. Signaling apparatus. 2,401,943; June 11.
Leigh, Louglas, Inc., assignee: *See*—
Janson, Harry.
Leigh, Robert L., Coopersville, Mich. Air duct control for heating systems. 2,397,672; Apr. 2.
Leigh, Robert L., Grand Rapids, assignor to Air Control Products, Inc., Coopersville, Mich. Grille. 2,396,735; Mar. 19.
Leighton, John W., Port Huron, Mich. Combined thread and rubber bearing. 2,400,238; May 14.
Leighton, John W., Port Huron, Mich. Adjustable threaded connection. 2,404,076; July 16.
Leijon, Gustav E.: *See*—
Höglund, Thure G., and Leijon.
Leinweber, William H., Chicago, Ill. Fluid compressor. 2,406,229; Aug. 20.
Leipold, Eugene, and B. Garni, Milwaukee, Wis. Apparatus for the manufacture of building blocks. 2,413,109; Dec. 24.
Leiserson, Lee, Rochester, N. Y., assignor to Virginia Smelting Company, West Norfolk, Va. Agent for reducing the surface tension of liquids. 2,404,913; July 30.

Leiss, Charles E., Meriden, Conn. Swingable closure fastener. 2,411,098; Nov. 12.

Leitner, Arthur S., Los Angeles, Calif. Leakproof powder case. 2,410,585; Nov. 5.

Le Jeune, Frank H., assignor to Hayes Industries, Inc., Jackson, Mich. Reinforced brake drum. 2,398,501; Apr. 16.

Lektra Laboratories, Inc., assignee: *See*—
Eisenberg, Ben.

Leland, Alfred W., Rockford, Ill., assignor to J. I. Case Company, Racine, Wis. Plow. 2,408,936; Oct. 8.

Leland Electric Company, The, assignee: *See*—
Moore, Thomas W.

Leland-Gifford Company, assignee: *See*—
Bishop, Benjamin S. T., and Bicknell.

Leland, Robert W., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Actuator seal. 2,409,288; Oct. 15.

Leland Stanford Junior University, The Board of Trustees of, assignee: *See*—
Hansen, William W., and R. H. and S. F. Varian.
Hansen, William W., and S. F. and R. H. Varian.
Varian, Russell H., and Hansen.
Varian, Russell H., Hansen, and Woodyard.

Le Lande, Lester R., assignor to The American Glare Shield Co., Inc., Cincinnati, Ohio. Glare shield. 2,410,171; Oct. 29.

Lembitz, Joseph J., S. M. Martin, and J. G. Miller, Baltimore, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Stripping apparatus. 2,395,374; Feb. 19.

Leming, Samuel W., Cincinnati, Ohio. Fastener. 2,397,278; Mar. 26.

Lemmers, Eugene, Cleveland Heights, Ohio, assignor to General Electric Company. Light filter. 2,392,095; Jan. 1.

Lemmers, Eugene, Cleveland Heights, Ohio, assignor to Generel Electric Company. Electric discharge lamp. 2,403,184; July 2.

Lemmon, Norman E., Hammond, Ind., and D. W. Bransky and E. E. Langan, assignors to Standard Oil Company, Chicago, Ill. Preparation of sulphonic compounds. 2,403,185; July 2.

Lemont, Clarence J., South Milwaukee, and A. J. Hoynacke, assignors to Line Material Company, Milwaukee, Wis. Pipe molding machine. 2,398,016; Apr. 9.

Lemos, Manuel G., New York, N. Y. Convertible rocking chair. 2,407,839; Sept. 17.

Le Moude Corset Company, assignee: *See*—
Schubert, Minna R.

Lempco Products, Inc., assignee: *See*—
Blazek, John Y., and Sears.

Lenahan, John E., Cornwall-on-Hudson, N. Y. Apparatus for handling recumbent persons. 2,404,734; July 23.

Lenartowicz, Anthony: *See*—
Lenartowicz, Michael J., and Anthony.

Lenartowicz, Michael J., Detroit, and A. Lenartowicz, Mount Clemens, assignors to L. A. Young Spring & Wire Corporation, Detroit, Mich. Fabric feeding device. 2,393,786; Jan. 29.

Lendermon, Homer S., Searcy, Ark. Two-wheeled handle guide tractor. 2,408,937; Oct. 8.

Lenehan, Bernard E., Bloomfield, and G. J. Wey, East Orange, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electrical measuring instrument. 2,408,218; Sept. 24.

Lenert, Joseph J.: *See*—
Andrew, William K., and Lenert.

Lenk, Kurt H., Bridgeport, Conn., and D. E. Priest, Southboro, assignors to Parker Manufacturing Company, Worcester, Mass. Pruner or like tool. 2,396,583; Mar. 12.

Lennon, Harry D., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Part supplying device. 2,397,610; Apr. 2.

Leno, John A., and W. J. Stray, London, W. C. 2., England, assignors to International Standard Electric Corporation, New York, N. Y. Electrical condenser housing. 2,397,551; Apr. 2.

Lensner, Herbert W.: *See*—
Bostwick, Myron A., and Lensner.
Mehring, Arthur C., Lensner, and Goldsborough.

Lensner, Herbert W., East Orange, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Carrier-current relaying. 2,406,615; Aug. 27.

Lensner, Herbert W., East Orange, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Carrier-current protective relaying system. 2,406,616; Aug. 27.

Lensner, Herbert W., East Orange, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Relay system. 2,406,617; Aug. 27.

Lent, Donald E.: *See*—
Budge, Edward D., Hunt, and Lent.

Lenz, Hugh F., Los Angeles, Calif. Electrical connection. 2,394,618; Feb. 12.

Lenz, Hugh F., Los Angeles, Calif. Indicating parallel rules. 2,394,619; Feb. 12.

Lenz, Leo, New York, N. Y. Spread sheet. 2,397,967; Apr. 9.

Lenz, Lionel C., assignor to Sam Pass, Chicago, Ill. Slip cover. 2,392,051; Jan. 1.

Lenz, Lionel C., assignor to Sam Pass, Chicago, Ill. Slip cover. 2,393,543; Jan. 22.

Leo, Herbert T., and C. C. Taylor, Anaheim, Calif. Preparing pectase. 2,406,840; Sept. 3.

Leo, Herbert T., and C. C. Taylor, assignors to Mutual Citrus Products Co., Inc., Anaheim, Calif. Pectous material and preparing same. 2,392,854; Jan. 15.

Leominster Tool Co., Inc., assignee: *See*—
Caron, Ludger J.

Leonard, Albert J., Los Angeles, Calif. Automatic lock. 2,412,779; Dec. 17.

Leonard, Chester G., Pomona, Calif., deceased, A. L. Hickson, administrator. Nut huller. 2,397,021; Mar. 19.

Leonard, James W., Westfield, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of sulphamic acid. 2,409,572; Oct. 15.

Leonard, John H., assignee, trustee: *See*—
Herbster, George.

Leonard, John T., Evanston, Ill. Lubricating apparatus. 2,399,277; Apr. 30.

Leonard, Merrill G.: *See*—
Forbes, Allan D., Leonard, and Halloran.

Leonard, Merrill G., Sharon, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Inertia safety switch. 2,406,427; Aug. 27.

Leonard, Merrill G., Sharon, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Buoyancy control system. 2,409,135; Oct. 8.

Leonard, Merrill G., Sharon, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Buoyancy control device. 2,412,223; Dec. 10.

Leonard, Merrill G., Sharon, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Exhaust valve for torpedo exercise head. 2,412,224; Dec. 10.

Leonard, Robert D., Aldan, Pa. Rotary indexing mechanism. 2,407,840; Sept. 17.

Leonard, William E., Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey. Preparing metal for drawing operations. 2,394,620; Feb. 12.

Le Page, Wilbur R., Pikesville, Md., assignor to Radio Corporation of America. Light source feed-back system. 2,411,440; Nov. 19.

Le Page, Wynn L.: *See*—
Platt, Haviland H., and Le Page.

Lepka, Fred, Brecksville, Ohio, assignor to The American Steel and Wire Company of New Jersey. Molten metal seal for annealing furnaces. 2,401,170; May 28.

Lepow, Edward, Philadelphia, Pa., assignor to Home Curtain Corporation, New York, N. Y. Curtain. 2,392,930; Jan. 15.

Lepow, Edward, New York, assignor to Home Curtain Corporation, Far Rockaway, N. Y. Pleating curtain construction. 2,410,224; Oct. 29.

Leppert, William J., New Orleans, La. Traffic signal. 2,401,171; May 28.

Lerio Patent Cup Co., Inc., assignee: *See*—
Leake, Armistead.

Lerner, Samuel, Pawtucket, R. I. Slide rule. 2,403,382; July 2.

Leroy, Everett R., New York, and G. L. Bush, Flushing, assignors to The Teleregister Corporation, New York, N. Y. Telegraph receiving distributor system. 2,411,441; Nov. 19.

Le Roy, Frank, assignor of one-half to J. D. Robinson, San Diego, Calif. Garment hanger. 2,407,841; Sept. 17.

Lersch, Emil W., Turtle Creek, Pa. Gauge. 2,397,795; Apr. 2.

Le Sage, Grover N., Kansas City, Mo. Dough degasser. 2,402,420; June 18.

Lesavoy, Isadore L., Allentown, Pa. Book cover. 2,410,741; Nov. 5.

Leschen, A., & Sons Rope Company, assignee: *See*—
Mitchell, Irvin R.

Lescher, George W., Garden City, and W. H. Steet, Roosevelt, N. Y., assignors to Republic Aviation Corporation. Manually operated arresting hook. 2,407,709; Sept. 17.

Lescisin, George A.: *See*—
Reeder, William H., III, and Lescisin.

Leslie, Arthur Y., Detroit, Mich. Signal balloon. 2,395,006; Feb. 19.

Leslie, Freeman C., Chicago, Ill.; R. M. Leslie, executrix of said F. C. Leslie, deceased. Comforter. 2,402,648; June 25.

Leslie, John H., II, Winnetka, assignor to Stewart-Warner Corporation, Chicago, Ill. Heating system. 2,403,186; July 2.

Leslie, John H., II, Winnetka, assignor to Stewart Warner Corporation, Chicago, Ill. Pressure responsive microswitch. 2,411,577; Nov. 26.

Leslie, Leonard C., Northmead, Benoni, Transvaal, Union of South Africa. Release hook for aircraft and the like. 2,396,921; Mar. 19.

Leslie, Roy W., Detroit, Mich. Milk bottle attachment. 2,406,896; Aug. 27.

Leslie, Ruby M., executrix: *See*—
Leslie, Freeman C.

Leslie, Ruby M., Rockford, Ill. Comforter. 2,399,235; Apr. 30.

Lesnick, Robert, Camden, N. J., assignor to Radio Corporation of America. Split-phase motor follow-up system. 2,411,608; Nov. 26.

Lesnick, Robert N., Camden, N. J., assignor to Radio Corporation of America. Speed and acceleration responsive device. 2,403,605; July 9.

Lesser, Julius, Chicago, Ill. Concealed garment pocket. 2,407,888; Sept. 17.

Lessin, Maurice E., New York, N. Y., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Adhesive tape dispenser. 2,409,217; Oct. 15.

Lessman, Herbert F., Des Moines, Iowa. Loading machine. 2,396,107; Mar. 5.

Lessmann, Gerhard P., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Bearing construction. 2,409,874; Oct. 22.

Lester, Betty L., assignee: *See*—
Lester, William M., and Reisher.

Lester, Charles T.: *See*—
Lecher, Hans Z., Scalera, and Lester.

Lester, Dudley R.: *See*—
Barber, Ronald S. V., and Lester.

Lester Engineering Company, assignee: *See*—
Lester, Nathan.
Schwartz, William H., and Lester.

Lester, Nathan: *See*—
Schwartz, William H., and Lester.

Lester, Nathan, Cleveland Heights, assignor to Lester Engineering Company, Cleveland, Ohio. Molding thermosetting material. 2,410,510; Nov. 5.

Lester, Nathan, Cleveland Heights, assignor to Lester Engineering Company, Cleveland, Ohio. Pressure extrusion molding. 2,411,999; Dec. 3.

Lester, William M., Mountainside, and L. Reisher, Garwood, assignors to B. L. and W. M. Lester, Westfield, N. J., co-partners doing business as The Pyro Plastics Company. Toy. 2,397,552; Apr. 2.

Leszak, Edward, Amityville, N. Y. Indicating square. 2,397,280; Mar. 26.

Le Tourneau, R. G., Inc., assignee: *See*—
Akers, Richard L.
Duble, Orville L.
Le Tourneau, Robert G.
Le Tourneau, Robert G., and Akers.
Lichtenberg, Erich H., and Webster.
Peterson, Oscar R., and Hyler.
Wyman, Floyd H., and Malik.

Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif., and Peoria, Ill. Scraper. Re. 22,783; Aug. 27.

Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Self erecting crane. 2,394,314; Feb. 5.

Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Automatic chuck. 2,394,861; Feb. 12.

Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Power steering device for vehicle combination. 2,399,278; Apr. 30.

Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Electric power steering mechanism. 2,400,868; May 28.

Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc. Case hardening. 2,401,833; June 11.

Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Scraper. 2,406,300; Aug. 20.

Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Reciprocating pressure generator. 2,407,790; Sept. 17.

Le Tourneau, Robert G., and R. L. Akers, Peoria, Ill., assignors to R. G. Le Tourneau, Inc., Stockton, Calif. Power steering mechanism for vehicles. 2,400,239; May 14.

Letschert, Johan P., and L. Feldman, Chicago, Ill. Combination stretcher and invalid's reclining chair. 2,400,155; May 14.

Letsinger, John H., and H. F. Foley, Fort Wayne, Ind., assignors to International Harvester Company. Synchronizing device. 2,410,511; Nov. 5.

Lett, Julian T., assignee: *See*—
Wiley, Lee M.

Letzkus, Elwood W., Salem, Ohio. Tandem axle vehicle. 2,401,687; June 4.

Leupold, Henry G., Cambridge, assignor to United Electric Controls Company, South Boston, Mass. Automatic circuit controller. 2,395,007; Feb. 19.

Leupold, Henry G., Cambridge, assignor to United Electric Controls Company, South Boston, Mass. Pressure actuated electrical switch. 2,411,796; Nov. 26.

Leuck, Gerald J., Evanston, Ill., assignor to Corn Products Refining Company, New York, N. Y. Polymerization of maltose. 2,400,423; May 14.

Leutz, Oscar N., Port Clinton, Ohio. Automatic gas pressure relief bottle. 2,411,216; Nov. 19.

Levaggi, Albert F., Brockton, assignor to Robert Channing Company, East Bridgewater, Mass. Shoe tree. 2,409,573; Oct. 15.

Levaggi, Victor J., Jr., Beverly, Mass., assignor to United Last Company, Portland, Maine. Last stand. 2,393,787; Jan. 29.

Levaggi, Victor J., Jr., Beverly, Mass., assignor to United Last Company, Portland, Maine. Two-part collapsible last. 2,404,805; July 30.

Levander, Oliver C.: *See*—
Hunter, Lyle R., and Levander.

Leveque, Bernard T., Wenham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Presser foot mechanism for sewing machines. 2,408,523; Oct. 1.

Lever Brothers Company, assignee: *See*—
Andersen, Carl N.
Bodman, John W.
Paterson, William J.
Penny, Thomas.

Leverenz, Humboldt W., South Orange, N. J., assignor to Radio Corporation of America. Luminescent light source. 2,302,161; Jan. 1.

Leverenz, Humboldt W., South Orange, N. J., assignor to Radio Corporation of America. Luminescent material. 2,402,757; June 25.

Leverenz, Humboldt W., South Orange, N. J., assignor to Radio Corporation of America. Device for and method of extinguishing phosphorescence. 2,402,758; June 25.

Leverenz, Humboldt W., South Orange, N. J., assignor to Radio Corporation of America. Manufacturing luminescent material. 2,402,759; June 25.

Leverenz, Humboldt W., South Orange, N. J., assignor to Radio Corporation of America. Luminescent material. 2,402,760; June 25.

Leverenz, Humboldt W., South Orange, N. J., assignor to Radio Corporation of America. Cathode ray tube system and operation. 2,402,761; June 25.

Leverenz, Humboldt W., Princeton, N. J., assignor to Radio Corporation of America. Method and apparatus for portraying intelligence. 2,402,762; June 25.

Leverenz, Humboldt W., South Orange, N. J., assignor to Radio Corporation of America. Luminescent apparatus and developing luminescence. 2,403,227; July 2.

Leverenz, Humboldt W., South Orange, N. J., assignor to Radio Corporation of America. Apparatus for developing light. 2,404,077; July 16.

Leverenz, Humboldt W., South Orange, N. J., assignor to Radio Corporation of America. Luminescent material and manufacture. 2,409,574; Oct. 15.

Leverenz, Humboldt W., South Orange, N. J., assignor to Radio Corporation of America. Alkali halide screen and manufacture. 2,409,606; Oct. 15.

Leverte, Robert J., Brooklyn, assignor to S. C. Miller, New York, N. Y. Automatic cutout for neon sign or like circuits. 2,413,327; Dec. 31.

Le Vesconte, Harold J.: *See*—
Christensen, Norman V., Le Vesconte, and Schweda.

Le Vesconte, Harold J., Glendale, assignor to Adel Precision Products Corp., Burbank, Calif. Snap lock harness clip. 2,397,279; Mar. 26.

Le Vesconte, Harold J., Western Springs, assignor to Union Special Machine Company, Chicago, Ill. Sewing machine. 2,398,652; Apr. 16.

Le Vesconte, Harold J., Western Springs, and M. L. Cook, assignors to Union Special Machine Company, Chicago, Ill. Sewing machine. 2,412,894; Dec. 17.

Levesque, Arthur H., North Attleboro, assignor to R. F. Simmons Company, Attleboro, Mass. Key holder. 2,400,424; May 14.

Levey, Fred'k H., Co., Inc., assignee: *See*—
Kroeger, John W., and O'Connor.
Wilson, Mitchell.

Levey, Harold A., assignor to A. C. Patterson, New Orleans, La. Smoke screen composition and developing smoke screens therefrom. 2,408,429; Oct. 1.

Levey, Harold A., and A. C. Patterson, New Orleans, La.; said Levey assignor to said Patterson. Production of smoke screens. 2,396,710; Mar. 19.

Levi, Ormonde S., Toledo, Ohio, and R. A. Hoyt, Auburn, Maine, assignors, by mesne assignments, to Verd-A-Ray Processing Company, Toledo, Ohio. Electric light bulb. 2,405,261; Aug. 6.

Levin, Abraham J., Detroit, Mich. Ship or vessel. 2,406,084; Aug. 20.

Levin, Abraham S., Philadelphia, Pa. Beverage dispensing apparatus. 2,395,932; Mar. 5.

Levin, Carl A., and O. A. Lorenz, assignors to Teletype Corporation, Chicago, Ill. Plug separator. 2,409,289; Oct. 15.

Levin, David, assignor to Chemical Concentrates Corp., Philadelphia, Pa. Fire extinguishing composition and making same. 2,405,438; Aug. 6.

Levin, Ezra, Monticello, Ill. Treating cereal grain germ. Re. 22,748; Apr. 30.

Levin, Nils D., Columbus, Ohio, assignor, by mesne assignments, to The Jeffrey Manufacturing Company. Clutch. 2,400,835; May 21.

Levin, Nils D., Columbus, Ohio, assignor, by mesne assignments, to The Jeffrey Manufacturing Company. Mining loading machine. 2,413,508; Dec. 31.

Levine, John, New York, N. Y. Toilet seat bumper. 2,401,257; May 28.

Levine, John, Brooklyn, N. Y. Peanut roaster. 2,411,217; Nov. 19.

Levine, Joseph: *See*—
Wollner, Herbert J., Matchett, and Levine.

Levine, Joseph, Brooklyn, N. Y., and R. E. Wells, Sheridan, Wyo. Device to aid teaching of automatic radio compass. 2,404,386; July 23.

Levine, Maurice, New York, N. Y., assignor to James H. Rhodes & Company, Chicago, Ill. Scouring and cleansing device. 2,395,054; Feb. 19.

Levine, William, Los Angeles, Calif. Recording camera. 2,406,152; Aug. 30.

Levingston, Richard M., Baytown, Tex. Sign. 2,402,561; June 25.

Levinson, Arthur A., and B. T. Malter, Chicago, and P. L. Julian, Maywood, Ill., assignors to The Glidden Company, Cleveland, Ohio. Canning soybeans and product. 2,400,123; May 14.

Levinson, Benjamin: *See*—
Gooding, F. H., and Levinson.

Levinson, Benjamin, East Paterson, assignor to The Okonite-Callender Cable Company, Incorporated, Paterson, N. J. Buoyant electrode. 2,396,271; Mar. 12.

Leviton, Abraham, Washington, D. C., assignor to the United States of America as represented by the Secretary of Agriculture. Preparation of riboflavin concentrates. 2,413,055; Dec. 24.

Levitt, Benjamin A., Newark, N. J., assignor to A. L. Siegel Co. Inc., New York, N. Y. Rain protective garment. 2,408,662; Oct. 1.

Levitt, Percy B.: *See*—
Morgan, John D., and Levitt.

Levkoff, David, Brooklyn, assignor of one-fourth to E. G. Levkoff, one-fourth to H. S. Levkoff, and one-fourth to E. R. Levkoff, Great Neck, N. Y. Folding box. 2,401,944; June 11.

Levkoff, Edith R., assignee, et al.: *See*—
Levkoff, David.

Levkoff, Evelyn G., assignee, et al.: *See*—
Levkoff, David.

Levkoff, Henry S., assignee, et al.: *See*—
Levkoff, David.

Levy, Cyril C., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Regulating system. 2,399,363; Apr. 30.

Levy, Harvey R., assignee: *See*—
Sauer, Urban.

Levy, Jerome B., assignor to Titeflex, Inc., Newark, N. J. Portable water purification and filtration unit. 2,404,967; July 30.

Levy, Maurice M., London, W. C. 2, assignor to Standard Telephones and Cables Limited, London, England. Secret transmission system. 2,406,841; Sept. 3.

Levy, Maurice M., London, W. C. 2, assignor to Standard Telephones and Cables Limited, London, England. Amplifier of electromagnetic energy. 2,412,995; Dec. 24.

Levy, Maurice M., and T. W. Elliott, London, England, assignors, by mesne assignments, to International Standard Electric Corporation, New York, N. Y. Arrangement for generating and observing electric pulses. 2,412,996; Dec. 24.

Levy, Norman, Norton-on-Tees, England, assignor to Imperial Chemical Industries Limited. Production of nitro-paraffins. 2,394,315; Feb. 5.

Levy, René L., Paris, France, assignor to Societe d'Inventions Aeronautiques et Mecaniques S. I. A. M., Fribourg, Switzerland. Hydraulic braking system for vehicles. 2,402,115; June 11.

Levy, René L., Paris, France, assignor to Societe d'Inventions Aeronautiques et Mecaniques S. I. A. M., Geneva, Switzerland. Front strut for tricycle landing gears. 2,403,383; July 2.

Levy, René L., Paris, France, assignor to Societe d'Inventions Aeronantiques et Mecaniques S. I. A. M., Fribourg, Switzerland. Self-cooling wheel. 2,406,303; Aug. 20.

Levy, René L., Paris France, assignor to Societe d'Inventions Aeronautiques et Mecaniques S. I. A. M. Geneva, Switzerland. Device and system for the braking of vehicles. 2,406,304; Aug. 20.

Levy, William B., Wilmington, Del. Furnace door operating mechanism. 2,394,922; Feb. 12.

Levyn, Joseph I., Brooklyn, assignor to Jilko Service Products, New York, N. Y. Decorative bar pin. 2,413,056; Dec. 24.

Lew, Pincus W., Preston, Victoria, Australia. Cautery instrument for use in nasal surgery. 2,235,631; Feb. 26.

Lewel Manufacturing Co. Inc., assignee: *See*—
Novick, Abe.

Lewis, Amelia A., Ridgewood, N. J. Device to prevent the human bladder from spilling over while asleep and to correct the bed-wetting habit. 2,396,516; Mar. 12.

Lewis, Arthur P., Fairhaven, Mass., assignor to United States Rubber Company, New York, N. Y. Twisting of strands to form ply constructions. 2,400,697; May 21.

Lewis, Benjamin F.: *See*—
Goodale, Walter D., Jr., Lewis, and Martin.

Lewis, Charles, New York, N. Y. Comb. 2,410,086; Oct. 29.

Lewis, Charles T., Oklahoma City, Okla. Line for safety belts. 2,412,895; Dec. 17.

Lewis, Ernest E., Lyndhurst, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Depolymerization of polymeric tetrafluoroethylene. 2,406,153; Aug. 20.

Lewis, Elton R., Roselle Park, and C. L. Read, Westfield, N. J., assignors, by mesne assignments, to Standard Catalytic Company. Production of aromatic hydrocarbons from petroleum. 2,392,749; Jan. 8.

Lewis, Evan G.: *See*—
Barker, Lyle M., and Lewis.

Lewis, Frank M., Weston, Mass. Shaft restraining device. 2,395,888; Mar. 5.

Lewis, Frank M., Weston, Mass., assignor to General Machinery Corporation, Hamilton, Ohio. Strain relieving and dephasing stop means for free piston engines. 2,409,218; Oct. 15.

Lewis, Frank M., White Cloud, Mich. Duel wheel drive mechanism. 2,397,673; Apr. 2.

Lewis, Frank M., White Cloud, Mich. Motor vehicle wheel mechanism. 2,401,488; June 4.

Lewis, Harlow, Provincetown, Mass. System of building construction. 2,405,584; Aug. 13.

Lewis, Harold L., assignor to J. D. Adams Manufacturing Company, Indianapolis, Ind. Painting machine. 2,401,431; June 4.

Lewis, Harold M., Allenhurst, N. J., assignor to Hazeltine Corporation. Wave-signal direction finder. 2,397,746; Apr. 2.

Lewis, Harold M., Allenhurst, N. J., assignor, by mesne assignments, to Hazeltine Research, Inc., Chicago, Ill. System for determining the position of an object in space. 2,406,953; Sept. 3.

Lewis, Harry F., Appleton, Wis., assignor, by mesne assignments, to The Pacific Lumber Company, San Francisco, Calif. Molding powder and making the same. 2,392,162; Jan. 1.

Lewis, Harry F., Appleton, Wis., assignor, by mesne assignments, to The Pacific Lumber Company, San Francisco, Calif. Molding powder and making the same. 2,392,163; Jan. 1.

Lewis, Henry M., assignor of fifty per cent to G. B. Herring, Canton, Miss. Starter adapter terminal. 2,407,611; Sept. 10.

Lewis, Howard B., and G. M. Larson, assignors to Kirkhill, Inc., Los Angeles, Calif. Faucet strainer. 2,395,227; Feb. 19.

Lewis Invisible Stitch Machine Co., assignee: *See*—
Popper, Max.

Lewis, Jacob D., Yonkers, assignor to Otis Elevator Company, New York, N. Y. Electric motor. 2,403,665; July 9.

Lewis, Jacob D., Yonkers, assignor to Otis Elevator Company, New York, N. Y. Electric motor and control system for motors. 2,406,781; Sept. 3.

Lewis, Jacob D., Yonkers, assignor to Otis Elevator Company, New York, N. Y. Motor control system. 2,406,782; Sept. 3.

Lewis, James F., Corry, Pa., assignor to Associated Spring Corporation, Bristol, Conn. Roller bearing retainer. 2,404,642; July 23.

Lewis, James O., Houston, assignor, by direct and mesne assignments, of one-half to E. C. Will and one-sixteenth to P. R. Haas, Corpus Christi, Tex. Well flowing apparatus. 2,403,987; July 16.

Lewis, Joseph H.: *See*—
Ingouf, Robert J. A., and Lewis.

Lewis, Lloyd V., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Remote control system. 2,409,051; Oct. 8.

Lewis, Lloyd V., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Remote control system. 2,409,696; Oct. 22.

Lewis, Lloyd V., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Transmitting apparatus for remote control systems. 2,409,697; Oct. 22.

Lewis, Lloyd V., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Selecting apparatus for remote-control systems. 2,409,698; Oct. 22.

Lewis, Lloyd V., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Counting relay signaling apparatus. 2,413,110; Dec. 24.

Lewis, Ralph W., assignor to Michigan State Board of Agriculture, East Lansing, Mich. Suspension for use in inoculating plants with ergot. 2,402,902; June 25.

Lewis, Richard C., Chicago, Ill. Educational toy. 2,395,129; Feb. 19.

Lewis, Robert P., assignor to Spicer Manufacturing Corporation, Toledo, Ohio. Independently sprung axle construction. 2,402,562; June 25.

Lewis, Sally E., Chestnut Hill, Mass. Curtain set. 2,392,598; Jan. 8.

Lewis-Shepard Company, assignee: *See*—
Hastings, Russell Jr.

Lewis, Warren J., assignor to The Ohio Brass Company, Mansfield, Ohio. Overhead trolley system and frog. 2,393,388; Jan. 22.

Lewis, Warren J., and J. H. Sanford, assignors to The Ohio Brass Company, Mansfield, Ohio. Current collector. 2,411,797; Nov. 26.

Lewis, Warren J., assignor to The Ohio Brass Company, Mansfield, Ohio. Current collector mounting means. 2,412,062; Dec. 3.

Lewis, William F., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Manufacture of thiourea. 2,393,917; Jan. 29.

Lewis, William H., Altadena, Calif. Mixer. 2,403,536; July 9.

Lewis, William H., Cwmllynfell, Swansea, South Wales. Stud or protector for boots and shoes. 2,408,663; Oct. 1.

Lewis, William L.: *See*—
Watson, Arthur K., Lewis, and Walsh.

Lewis, William T.: *See*—
Mathée, William H., Jr., and Lewis.

Lewison, Lawrence M., Sioux Rapids, Iowa. Tractor hitch. 2,399,364; Apr. 30.

Leyer, Albert, Rieden, near Baden, assignor to Aktiengesellschaft Brown, Boveri & Cie, Baden, Switzerland. Regulating device for pressure fluid controlled prime movers. 2,404,968; July 30.

Leyshon, William E., Danvers, assignor to Sylvania Electric Products Inc., Salem, Mass. Fluorescent glow lamp. 2,409,769; Oct. 22.

Libbey-Owens-Ford Glass Company, assignee: *See*—
Bolcey, James H.
Brown, Wilbur F.
Colbert, William H.
Colbert, William H., and Morgan.
Colbert, William H., and Welnrich.
Crowley, Joseph P.
Drake, John L., and Watkins.
Jones, John L.
Meyer, Leonard S.
Mook, Glenn C., and Ricker.
Murray, John A., and Metzger.
Orser, Horace G., and Crowley.
Putnam, Erle T.
Rodman, Frank A.
Ryan, Joseph D.
Ryan, Joseph D., and Zolman.
Simons, John K.
Simons, John K., and Weaver.
Watkins, George B., and Schafer.
Weinrich, Arthur R.

Liber, Walter F., Meriden, Conn. Eye plate attachment for coiled springs. 2,400,425; May 14.

Libman, Earl E., and H. Lehde, assignors to Control Instrument Company, Inc., Brooklyn, N. Y. Measuring device. 2,398,904; Apr. 23.

Libman, Earl E., assignor to Control Instrument Company, Inc., Brooklyn, N. Y. Fire control system. 2,413,573; Dec. 31.

Librascope, Incorporated, assignee: *See*—
Imm, Lewis W.

Licht, Anna, New York, N. Y. Brassière. Re. 22,771; July 16.

Lichtenberg, Eric H., assignor to Koehring Company, Milwaukee, Wis. Scraper. 2,395,334; Feb. 19.

Lichtenberg, Erich H., Milwaukee, Wis., and P. S. Webster; said Webster assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Self-loading scraper. 2,411,280; Nov. 19.

Lichtenstein, Hans J.: *See*—
Tuerck, Karl H. W., and Lichtenstein.

Lichtig, Jack G., assignee, et al.: *See*—
Hiller, Abe.

Lichty, Joy G., Stow, assignor to Wingfoot Corporation, Akron, Ohio. Nitriles and making the same. 2,394,520; Feb. 5.

Lichty, Joy G., Stow, assignor to Wingfoot Corporation, Akron, Ohio. Producing trichloropropionic acid. 2,400,463; May 14.

Lichty, Joy G., Stow, assignor to Wingfoot Corporation, Akron, Ohio. Producing methyl-beta-chloroacrylate. 2,400,464; May 14.

Lichty, Joy G., Stow, assignor to Wingfoot Corporation, Akron, Ohio. Compounds. 2,405,894; Aug. 13.

Liddicoat, Percill, Niagara-on-the-Lake, Ontario, Canada. Process and apparatus for making detachable drill bits. 2,401,834; June 11.

Liddington, Stanley J., Hamilton, Ontario, Canada, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electrical machine. 2,404,969; July 30.

Lidén, Ake, Stockholm, and O. Malmborg, Sundbyberg, near Stockholm, assignors to Svenska Diamantbergborrnings Aktiebolaget, Stockholm, Sweden. Setting diamonds or other abrasive. 2,396,015; Mar. 5.

Lidin, Sigfrid E., Traneberg, assignor to Aktiebolaget Atvidabergs Industries, Atvidaberg, Sweden. Double window pivoted on horizontal pivots. 2,398,017; Apr. 9.

Liebel-Flarsheim Company, The, assignee: *See*—
Gieringer, Carl K.

Lieber, Eugene: *See*—
Miller, Pharis, and Lieber.
Young, David W., and Lieber.

Lieber, Eugene, West New Brighton, Staten Island, N. Y., assignor to Standard Oil Development Company. Lubricant containing condensation product. 2,406,549; Aug. 27.

Lieber, Eugene, West New Brighton, N. Y., assignor to Standard Oil Development Company. Condensation products and preparing and using same. 2,410,885; Nov. 12.

Lieber, Eugene, West New Brighton, N. Y., assignor to Standard Oil Development Company. Condensation product and preparing and using same. 2,412,589; Dec. 17.

Lieber, Eugene, West New Brighton, Staten Island, N. Y., and A. F. Cashman, Bayonne, N. J., assignors to Standard Oil Development Company. Lubricant additives and preparation thereof. 2,404,446; July 23.

Lieber, Eugene, Staten Island, N. Y., and A. F. Cashman, Bayonne, N. J., assignors to Standard Oil Development Company. Mineral oil lubricating composition. 2,407,087; Sept. 3.

Lieber, Eugene, West New Brighton, Staten Island, and M. E. Thorner, Brooklyn, N. Y., assignors to Standard Oil Development Company. Condensation products and preparing same. 2,411,578; Nov. 26.

Lieber, Eugene, New York, N. Y., and M. E. Thorner, Corpus Christi, Tex., assignors to Standard Oil Development Company. Condensation product and preparing and using same. 2,411,579; Nov. 26.

Lieberherr, Hans, assignor to Sulzer Freres, Societe Anonyme, Winterthur, Switzerland. Combustion chamber for internal-combustion engines. 2,413,359; Dec. 31.

Liebert, Margaret K., assignee: *See*—
Field, Patrick H.

Lieblein, Chaim, Brooklyn, N. Y. Detachable screw-cutting disk and tool shank. 2,408,565; Oct. 1.

Liebmann, Gerhard, assignor to Cathodeon Limited, Cambridge, England. Screening of amplifying valves. 2,400,011; May 7.

Liedholm, George E.: *See*—
McMillan, Frank M., and Liedholm.

Liedholm, George E., Long Beach, and F. M. McMillan, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Production of toluol. 2,392,330; Jan. 8.

Liehe, Hubert J.: *See*—
Brunstrum, Lawrence C., and Liehe.

Liehe, Hubert J., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Greases. 2,394,790; Feb. 12.

Lien, Arthur P.: *See*—
Evering, Bernard L., and Lien.

Lien, Arthur P., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Etherification process. 2,399,126; Apr. 23.

Lien, Arthur P., and B. H. Shoemaker, Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Conversion of alkylated aromatic hydrocarbons. 2,397,495; Apr. 2.

Lien, Arthur P., Whiting, Ind., and E. L. d'Ouville, assignors to Standard Oil Company, Chicago, Ill. Aluminum chloride conversion system. 2,410,886; Nov. 12.

Lien, Elvin B., Berkeley, assignor to Union Oil Company of California, Los Angeles, Calif. Lithium greases. 2,403,104; July 2.

Lifschutz, Harold, Washington, D. C., now by judicial change of name Harold Lyons. Generating multiline sweep patterns. 2,402,168; June 18.

Lifschutz, Harold, Washington, D. C., now by judicial change of name Harold Lyons. Double pulse oscillator. 2,402,169; June 18.

Light Control, Inc., assignee: *See*—
Adair, Lallance A.

Light, David M., assignor to American Steel Foundries, Chicago, Ill. Truck. 2,392,599; Jan. 8.

Light, David M., assignor to American Steel Foundries, Chicago, Ill. Snubber. 2,394,052; Feb. 5.

Light, David M., assignor to American Steel Foundries, Chicago, Ill. Spring group. 2,398,749; Apr. 16.

Light, David M., assignor to American Steel Foundries, Chicago, Ill. Spring group. 2,398,750; Apr. 16.

Light, David M., assignor to American Steel Foundries, Chicago, Ill. Spring group. 2,398,751; Apr. 16.

Light, David M., assignor to American Steel Foundries, Chicago, Ill. Snubber. 2,399,048; Apr. 23.

Light, David M., assignor to American Steel Foundries, Chicago, Ill. Car truck. 2,402,502; June 18.

Light, David M., assignor to American Steel Foundries, Chicago, Ill. Truck. 2,413,458; Dec. 31.

Light, George G., Kew Gardens, assignor to The Western Union Telegraph Company, New York, N. Y. Telegraph exchange system. 2,400,124; May 14.

Light, George G., Kew Gardens, and E. J. Agnew, Brooklyn, N. Y., and G. W. Janson, Nutley, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Supervisory apparatus for telegraph systems. 2,397,553; Apr. 2.

Light, George S., Winsted, Conn. Hydraulic device. 2,396,052; Mar. 5.

Light, George S., Winsted, Conn. Hydraulic valve. 2,398,542; Apr. 16.

Lightbown, Irving E.: *See*—
Brown, John R., Jr., and Lightbown.

Lightbown, Irving E., Roselle, N. J., and N. S. Beckley, Jr., Baton Rouge, La., assignor, by mesne assignments, to Jasco, Incorporated. Hydrocarbon softened olefinic polymer. 2,392,855; Jan. 15.

Lighter, Stephen, Milwaukee, Wis. Carton. 2,395,558; Feb. 26.

Lightfoot, Edwin N., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Control for electric heaters operating in unenclosed space. 2,396,183; Mar. 5.

Lightfoot, Francis M., Los Angeles, Calif. Article dispenser. 2,394,621; Feb. 12.

Lighton, Lester E., Glenside, Pa., assignor to The Electric Storage Battery Company. Heat transfer construction for electrolytic cells. 2,410,952; Nov. 12.

Lilmatainen, Toivo M., Schenectady, N. Y., assignor to General Electric Company. Electric discharge device. 2,411,046; Nov. 12.

Likel, Harry C., Brooklyn, N. Y. Peak voltage indicator and regulator. 2,403,988; July 16.

Likel, Harry C., Brooklyn, assignor to Postal Telegraph-Cable Company (New York), New York, N. Y. Peak voltage indicator and regulator. 2,392,396; Jan. 8.

Lilja, Edgar D., assignor to Barber-Colman Company, Rockford, Ill. Condition control. 2,409,136; Oct. 8.

Lilja, Oscar G., Rockford, Ill. Butt welding machine. 2,401,359; June 4.

Lill, James E., Los Angeles, assignor to Food Machinery Corporation, San Jose, Calif. Winch brake. 2,397,186; Mar. 26.

Lill, James E., Los Angeles, assignor to Food Machinery Corporation, San Jose, Calif. Tractor sprocket drive. 2,406,230; Aug. 20.

Lilquist, Torsten O.: *See*—
Dilworth, Richard M., Lilquist, and Queeney.

Lilquist, Torsten O., Clarendon Hills, Ill., assignor to General Motors Corporation, Detroit, Mich. Generating electric drive and control system. 2,403,933; July 16.

Lilly, Eli, and Company, assignee: *See*—
Jones, Reuben G.
Kharasch, Morris S.
Kharasch, Morris S., and Fuchs.
Miller, Henry C.

Lily-Tulip Cup Corporation, assignee: *See*—
Reifsnyder, James D., and Miller.

Lima, Hector C., Habana, Cuba. Carrier for revolver loaders. 2,396,184; Mar. 5.

Lima, Héctor C., Habana, Cuba. Loader for revolvers. 2,406,231; Aug. 20.

Lima, Héctor C., Habana, Cuba. Loader for revolvers. 2,406,232; Aug. 20.

Limbach, Alex, Carmel, N. Y. Atomizer. 2,392,600; Jan. 8.

Limbach, Alex, Carmel, N. Y. Adjustable dispensing closure. 2,393,255; Jan. 22.

Limbach, Alex, Carmel, N. Y. Dispensing closure. 2,393,256; Jan. 22.

Linch, Adrian L.: *See*—
Downing, F. B., and Linch.

Linch, Adrian L., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilizing or deactivating sludges, precipitates, and residues occurring or used in the manufacture of tetra alkyl leads. 2,407,262; Sept. 10.

Linch, Adrian L., assignor to E. I. du Pont de Nemours & Company, Wilmington Del. Stabilizing or deactivating sludges, precipitates, and residues occurring or used in the manufacture of tetraalkyl leads. 2,407,263; Sept. 10.

Linch, Adrian L., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilizing or deactivating sludges, precipitates, and residues occurring or used in the manufacture of tetraalkyl leads. 2,407,307; Sept. 10.

Lincoln, Bert H., and G. D. Byrkit, Ponca City, Okla., assignors, by mesne assignments, to Soconoy-Vacuum Oil Company, Incorporated, New York, N. Y. Lubricating oil. 2,395,889; Mar. 5.

Lincoln Electric Company, The, assignee: *See*—
Landis, George G.
Stringham, Leonidas K.

Lincoln Engineering Company, assignee: *See*—
Fox, Alexander P., Rotter, and Klein.
Klein, Victor G.
Reisert, August D., and Rotter.
Rotter, Lutwin C.
Rotter, Lutwin C., and Klein.
Smith, Kave A.

Lincoln, James, and J. G. N. Drewitt, assignors to British Celanese Limited, London, England. Production of keto-alcohols. 2,395,414; Feb. 26.

Lincoln, John D., assignor to Virginia-Lincoln Corporation, Marion, Va. Joint construction. 2,406,697; Aug. 27.

Lincoln, Roland L., Dover, assignor to B. F. Sturtevant Company, Boston, Mass. Dust collector system. 2,393,112; Jan. 15.

Lincoln, Roland L., Dover, assignor to B. F. Sturtevant Company, Hyde Park, Boston, Mass. Dust collector. 2,397,022; Mar. 19.

Lincoln, Roland L., Dover, assignor to B. F. Sturtevant Company, Boston, Mass. Dust collector. 2,398,233; Apr. 9.

Lincoln, Roland L., Dover, assignor to B. F. Sturtevant Company, Hyde Park, Boston, Mass. Fan. 2,400,240; May 14.

Lincoln, Rush A., Tarentum, Pa., assignor to Allegheny Ludlum Steel Corporation. Hollow valve for internal-combustion engine. 2,407,561; Sept. 10.

Lind, James A., Chicago, Ill. Fish lure. 2,397,968; Apr. 9.

Lind, Otto, Dusseldorf, Germany, assignor, by mesne assignments, to The Procter & Gamble Company, Cincinnati, Ohio. Detergent composition. 2,396,278; Mar. 12.

Linda, Frank R.: *See*—
Geimer, William J., and Linda.

Lindabury, Glenn A., et al., assignee: *See*—
Farrell, Frank J.

Lindabury, H. B., and Sons: *See*—
Farrell, Frank J.

Lindabury, Martin, et al., assignee: *See*—
Farrell, Frank J.

Lindberg, Carl A., assignor to Air-Way Electric Appliance Corporation, Toledo, Ohio. Suction cleaner. 2,400,558; May 21.

Lindberg, Le Roy J., Wanamassa, N. J. Electric heating device for soldering irons. 2,411,549; Nov. 26.

Lindberg Engineering Company, assignee: *See*—
Lang, Karl A.

Lindblad, George L., Chicago, Ill. Facial cleaner. 2,408,860; Oct. 8.

Lindblom, Lawrence J., San Francisco, Calif. Boat loading device. 2,412,162; Dec. 3.

Linde Air Products Company, The, assignee: *See*—
Aitchison, Robert B.
Bucknam, James H., Meincke, and Young.
Bristol, Gaylord T.
Burch, Charles J.
Clapp, Edwin A., and Spangberg.
Clapsadle, Leo J., Kratzer, and Sommer.
Dana, Leo I.
Fowle, John M., and Kennedy.
Hansen, Odd A.
Hoffman, James A.
Hoffman, James A., Oldham, and Jacobsson.
Jacobsson, Wilgot J., Hoffman, and Oldham.
Kennedy, Harry E.
Linden, Walter R.
Lytle, Arthur R., and Morton.
Scheri, Egon B.
Shorter, Albert E.
Smith, George H.

Lindemann, Robert E.: *See*—
Freeman, Walter B., and Lindemann.

Lindemuth, Lewis B., Port Washington, assignor to Steel Ingot Production, Inc., New York, N. Y. Checker for open hearth regenerative furnaces. 2,405,863; Aug. 6.

Linden, Carl E., Norwood, and R. H. McClellan, Hamilton, assignors to The Fosdick Machine Tool Company, Cincinnati, Ohio. Hydraulic operating and control mechanism. 2,393,918; Jan. 29.

Linden, Carlyle M.: *See*—
Clark, Joseph L., Linden, and Obert.

Linden, John F., Toronto, Ontario, Canada. Cultivating tool. 2,400,241; May 14.

Linden, Walter R., Palisades Park, N. J., assignor to The Linde Air Products Company. Heating backing-up strip for sheet metal welding. 2,399,646; May 7.

Lindenblad, Nils E., Rocky Point, N. Y., assignor to Radio Corporation of America. Antenna. 2,400,867; May 21.

Lindenblad, Nils E., Port Jefferson, N. Y., assignor to Radio Corporation of America. Tunable resonator. 2,401,489; June 4.

Lindenblad, Nils E., Port Jefferson, N. Y., assignor to Radio Corporation of America. Frequency change detector system. 2,402,421; June 18.

Lindenblad, Nils E., Port Jefferson, N. Y., assignor to Radio Corporation of America. Commutator apparatus. 2,402,422; June 18.

Lindenblad, Nils E., Port Jefferson, N. Y., assignor to Radio Corporation of America. Pulse transmission system. 2,403,726; July 9.

Lindenblad, Nils E., Port Jefferson, N. Y., assignor to Radio Corporation of America. Pulse transmission system. 2,411,140; Nov. 12.

Lindenblad, Nils E., Port Jefferson, N. Y., assignor to Radio Corporation of America. Voltage transformer. 2,412,345; Dec. 10.

Linder, Ernest G., Philadelphia, Pa., assignor to Radio Corporation of America. Frequency multiplier. 2,401,945; June 11.

Linderoth, Erik T., Enkoping, Sweden. Brushing and cleaning apparatus for carpets and the like. 2,396,861; Mar. 19.

Linderoth, Erik T., Enkoping, Sweden. Vacuum cleaner. 2,396,862; Mar. 19.

Linderoth, Erik T., Enkopin, Sweden. Brushing apparatus. 2,403,105; July 2.

Linderoth, Lambert S., Jr.: *See*—
Hart, Fred V., Smith, and Linderoth.

Lindgren, Gust, Youngstown, Ohio. Toy vehicle. 2,404,506; July 23.

Lindgren, Henry W.: *See*—
Jordan, Warren D., and Lindgren.

Lindgren, Karl O., Djursholm, assignor to Aktiebolaget A. Ekstroms Maskinaffar, Stockholm, Sweden, and N. W. Jonsson, Lidingo, Sweden. Device for sorting, dehydrating, or washing of suspensions of fibrous materials. 2,406,618; Aug. 27.

Lindh, Gunnar C. T.: *See*—
High, Le Roy B., and Lindh.

Lindkvist, Knut V., assignor to Aktiebolaget Vibro-Betong, Stockholm, Sweden. Apparatus for molding concrete. 2,407,168; Sept. 3.

Lindquist, Arthur W., assignee: *See*—
Schroeder, Herman O., and Lindquist.

Lindquist, Olof V., Larchmont, assignor to J. K. Smit & Sons, Inc., New York, N. Y. Diamond drill bit. 2,401,087; May 28.

Lindqvist, Olof V., and F. D. Martin, assignors to Koebel Diamond Tool Company, Detroit, Mich. Diamond tool and making the same. 2,410,512; Nov. 5.

Lindsay, Alexander R., Detroit, Mich., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Splash guard for vehicles, especially trucks. 2,405,262; Aug. 6.

Lindsay, Allan: *See*—
Lubbock, Isaac, Gollin, Lindsay, and Poole.

Lindsay, Allen R., Cleveland Heights, Ohio. Electrolytic stencil. 2,405,508; Aug. 6.

Lindsay, Charles H., Evanston, assignor to Lindsay & Lindsay, Chicago, Ill. Prefabricated building structure. 2,394,702; Feb. 12.

Lindsay, Charles H., and A. E. Weaver, assignors to American-LaFrance-Foamite Corporation, Elmira, N. Y. Aircraft fire extinguishing system. 2,399,553; Apr. 30.

Lindsay, Fred H.: *See*—
Landers, Alton D., and Lindsay.

Lindsay, Harold W., Oakland, Calif., assignor to the Government of the United States as represented by the Director of the Office of Scientific Research and Development, Office for Emergency Management. Furnace control system. 2,410,384; Oct. 29.

Lindsay, John H., and S. Reso, assignors to Universal Tobacco Machine Co., Inc., Jacksonville, Fla. Cigar punching machine. 2,407,931; Sept. 17.

Lindsay & Lindsay, assignee: *See*—
Lindsay, Charles H.

Lindsey, Henry A. D., U. S. Army, Hickam Field, Honolulu, Hawaii. Submarine detector. 2,404,806; July 30.

Lindsey, Richard V., Jr.: *See*—
Hill, Julian W., Lindsey, and Wiley.

Lindsey, Roy B., Phoenix, and G. Frock, Glendale, assignors of one-third to H. J. Mauler, Phoenix, Ariz. Antiaircraft and machine gun mount. 2,397,747; Apr. 2.

Lindsey, William H.: *See*—
Clark, Thomas, and Lindsey.

Lindskog, Segfrid J., Los Angeles, Calif. Lawn renovating machine. 2,400,204; May 14.

Lindstrom, Ernest H., South Pasadena, Calif. Outlet box support. 2,399,491; Apr. 30.

Lindstrom, Thor G., Seattle, Wash. Building construction. 2,403,934; July 16.

Lindstrom, Ture, Edgewood, Pa., and J. W. May, Durham, N. C., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit breaker. 2,401,005; May 28.

Line Material Company, assignee: *See*—
Brown, Chester W.
Kyle, William D.
Lemont, Clarence J., and Hoynacke.
Mayberry, Walter R.
Nelson, Rolland D.
Schultz, William O.
Schultz, William O., and Steinmayer.
Steinmayer, Alwin G.
Steinmayer, Alwin G., and Schultz.
Trogner, Arthur M.
Wiegand, David E.
Woolfolk, Arthur R.

Lines, Carl H., assignor to Stant Manufacturing Company, Connersville, Ind. Radiator pressure cap. 2,406,502; Aug. 27.

Linford, Hooper, Manhattan Beach, and W. J. Baral, Long Beach, Calif., assignors to Union Oil Company of California, Los Angeles, Calif. Water-insoluble soaps. 2,411,832; Nov. 26.

Lingel, Frederick J., assignor to R. L. Triplett, Bluffton, Ohio. Frequency meter. 2,403,809; July 9.

Lingo, Shirley P., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Preparation of chloronitroalkanes. 2,397,358; Mar. 26.

Linick, Edward: *See*—
Linick, Max and E.

Linick, Max and E., New York, N. Y. Mitten. 2,411,926; Dec. 3.

Lininger, Herbert N., San Francisco, Calif. Electrode holder. 2,395,228; Feb. 19.

Link Aviation Devices, Inc., assignee: *See*—
Kittredge, Raymond E.

Link-Belt Company, assignee: *See*—
Keller, Henry G.
Schrader, Herbert E.
Suman, Robert W.

Link, Edwin A., Binghamton, N. Y. Navigation instrument, including a horizon attachment. 2,395,559; Feb. 26.

Link, Edwin A., Binghamton, N. Y. Star globe. 2,399,365; Apr. 30.

Link, Edwin A., Binghamton, N. Y. Sectional canoe or the like. 2,406,085; Aug. 20.

Link Engineering Company, assignee: *See*—
Doll, Frank A.

Link, Harold A., assignee: *See*—
Link, Oscar E.

Link, Harry W., Merion, Pa., assignor to The Baldwin Locomotive Works. Storage motion follow-up mechanism. 2,403,935; July 16.

Link, Oscar E., Woodstock, Ill., assignor of one-third to H. A. Link, Rochester, Ind. Stud and bolt-cleaning brush. 2,404,567; July 23.

Linkletter, Harry: *See*—
Whyzmuzis, Paul, and Linkletter.

Linley, Anthony and A. Torry, Sheffield, England. Manufacture of permanent magnets. 2,398,018; Apr. 9.

Linlor, William I., Schenectady, N. Y., assignor to General Electric Company. Magnetic structure. 2,398,653; Apr. 16.

Linn, Carl B.: *See*—
Grosse, Aristid V., and Linn.

Linn, Carl B., assignor to Universal Oil Products Company, Chicago, Ill. Alkylation of isoparaffinic hydrocarbons. 2,398,905; Apr. 23.

Linn, Carl B., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Alkylation of isoparaffinic hydrocarbons. 2,406,086; Aug. 20.

Linn, Carl B., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Alkylation of isoparaffinic hydrocarbons. 2,406,954; Sept. 3.

Linn, Carl B., Riverside, and V. N. Ipatieff, assignors to Universal Oil Products Company, Chicago, Ill. Alkylation of aromatics. 2,411,047; Nov. 12.

Linn, Norman F., Mountainside, N. J., assignor to Standard Oil Development Company. Dehydrogenation of hydrocarbons. 2,392,750; Jan. 8.

Linn, Norman F., Mountainside, N. J., assignor to Standard Oil Development Company. Producing toluene. 2,405,680; Aug. 13.

Linnert, Theodore G., Philadelphia, Pa., assignor to The Bud Company, Philadelphia, Pa. Airplane control surface locking means. 2,406,233; Aug. 20.

Linotype and Machinery Limited, assignee: *See*—
Rowlands, Tom.

Linscott, Leroy N., assignor to Alexander Smith & Sons Carpet Company, Yonkers, N. Y. Loom. 2,408,861; Oct. 8.

Linsday, Elton A.: *See*—
Millis, Erwin S., and Linsday.

Linsday, Elton A., Willoughby, Ohio, assignor to General Electric Company. Lamp holder. 2,392,164; Jan. 1.

Lintz, Mark, San Francisco, Calif. Surface active agents. 2,394,083; Feb. 5.

Linville, Thomas M., Schenectady, N. Y., assignor to General Electric Company. Dynamoelectric machine. 2,409,503; Oct. 15.

Linz, Arthur, assignor to Climax Molybdenum Company, New York, N. Y. Metallurgy. 2,399,747; May 7.

Linzell, Harry K., Ingleside, assignor to United States Gypsum Company, Chicago, Ill. Producing a variegated surface on fiberboard. 2,395,375; Feb. 19.

Linzell, Harry K., Long Lake, Ill., assignor to United States Gypsum Company, Chicago, Ill. Producing variegated pressed fiberboard. 2,402,966; July 2.

Lion Oil Company, assignee: *See*—
Engelke, Ernest F., and Odell.
Holberg, Arnold J., Ware, and Wilch.
Odell, William W.

Lionel Corporation, assignee: *See*—
Bonanno, Joseph L.

Lionel Corporation, The, assignee: *See*—
Caruso, Mario.

Lipe-Rollway Corporation, assignee: *See*—
Jarret, George T.
Killian, Rudolph R.
Spase, Charles B.

Lipfert, Donald E., Meriden, assignor to Chandler-Evans Corporation, South Meriden, Conn. Charge forming device. 2,403,866; July 9.

Lipfert, Donald E., Meriden, assignor to Chandler-Evans Corporation, South Meriden, Conn. Flowmeter. 2,403,867; July 9.

Lipinski, Vincent, assignor to Burgess Battery Company, Freeport, Ill. Dry cell. 2,399,127; Apr. 23.

Lipkin, Moses R., assignor to Sun Oil Company, Philadelphia, Pa. Separation of hydrocarbons. 2,398,101; Apr. 9.

Lipp, James C., assignee: *See*—
Hale, William J.

Lipp, Rudolf Wilhelm, Berlin-Pankow, Germany; vested in the Alien Property Custodian. Cutting frame for dividing apparatus. 2,396,584; Mar. 12.

Lipp, Rudolf W., Berlin-Pankow, Germany; vested in the Alien Property Custodian. Tool guiding device. 2,409,290; Oct. 15.

Lippincott, Joshua G., Scarsdale, N. Y., assignor to Guth, Stern & Co., Inc. Flashlight construction. 2,404,735; July 23.

Lippincott, Wells A., Evanston, assignor to Ideal Roller & Manufacturing Company, Chicago, Ill. Accumulator. 2,397,796; Apr. 2.

Lippmann, Daniel C., Glenbrook, Conn., assignor to Celanese Corporation of America. Belt. 2,396,329; Mar. 12.

Lippold, Adolph J., Milwaukee, Wis., assignor to Cherry-Burrell Corporation, Wilmington, Del. Article transferring mechanism. 2,393,389; Jan. 22.

Lipson, Edward, Houston, Tex. Soil analysis by radiant energy. 2,394,703; Feb. 12.

Liptak, John P., Maple Heights, Ohio, assignor to The American Steel and Wire Company of New Jersey. Benzol scrubber. 2,413,238; Dec. 24.

Liptay, John M., Scarsdale, and A. Restivo, Jamaica, assignors to Hospital Furniture Corporation, Long Island City, N. Y. Body splint stretcher. 2,400,426; May 14.

Lipton, Morris, Rutherford, N. J., assignor to Sun Chemical Corporation. Combined printing press and conveyer means. 2,409,368; Oct. 15.

Liquid Carbonic Canadian Corporation Limited, assignee: *See*—
Jamieson, Marcel, and Tremblay.

Liquidometer Corporation, The, assignee: *See*—
De Giers, Clarence A.

Liska, John W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Multiple chamber fluid container. 2,404,578; July 23.

Liska, John W., Stow, and F. S. Grover, assignors to The Firestone Tire & Rubber Company, Akron, Ohio. Bending modulus test apparatus. 2,404,584; July 23.

Lisota, Edward, Patterson, Calif. Vehicle bed unloading device. 2,408,862; Oct. 8.

Lisota, Edward, Patterson, Calif. Baled hay elevator. 2,408,863; Oct. 8.

Lissa, Gus A., Billings, Mont., assignor to United States Gypsum Company, Chicago, Ill. Folding or creasing device. 2,400,698; May 21.

List, Heinrich, Berlin-Kladow, Germany; vested in the Alien Property Custodian. Production of high impulses of energy. 2,394,316; Feb. 5.

List, Roland, and A. Flynn, Zanesville, Ohio, assignors to The Mosaic Tile Company. Mechanically-actuated press for trim tile. 2,406,619; Aug. 27.

Lithomat Corporation, assignee: *See*—
Mullen, William G.

Litman, Morris, Springfield, Mass. Measuring tool. 2,395,130; Feb. 19.

Little, Alfred E., assignor to Ditto, Incorporated, Chicago, Ill. Feed tray for duplicating apparatus. 2,398,315; Apr. 9.

Little, Arthur D., Inc., assignee: *See*—
Avery, Julian M., and Marek.
Kleinschmidt, Robert V.
Marek, Leroy F.
Wilson, Ernest D.

Little, Gordon H., assignor to The Glenn L. Martin Company, Middle River, Md. Keyseating tool. 2,401,490; June 4.

Little, Harry C., San Rafael, Calif. Oil burner. 2,401,086; May 28.

Little, John B., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sealed reed contact device. 2,406,021; Aug. 20.

Little, John B., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Welding machine. 2,409,636; Oct. 22.

Little, Lawrence: *See*—
North, Gerald C., Alton, and Little.

Little, Mary R., Harrisonburg, Va. Electric hem presser for sewing machines. 2,406,022; Aug. 20.

Little, William P., Stratford, Conn. Dust collector. 2,394,923; Feb. 12.

Littlefield, Arthur S.: *See*—
Williams, Russell J., and Littlefield.

Littlefield, Charles H., Auburn, Maine. Composite resilient heel and making it. 2,401,946; June 11.

Littlejohn, Lillie M., North Birmingham, Ala. Clothesline cover. 2,407,959; Sept. 17.

Littler, Clarence A.: *See*—
Flenner, Alfred L., and Littler.

Littman, Edwin R., Westfield, and J. R. M. Klotz, Montclair, N. J., assignor to Stanco, Inc. Coating with preservative compositions. 2,399,873; May 7.

Littmann, Edwin R., Westfield, N. J., assignor to Hercules Powder Company, Wilmington, Del. Catalytic preparation of cymenes. 2,400,012; May 7.

Litton, Charles V., Redwood City, Calif., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Operating thermionic tubes and cathode therefor. 2,392,397; Jan. 8.

Litton, Charles V., Redwood City, Calif., assignor to International Standard Electric Corporation, New York, N. Y. Wave impulse generator. 2,410,087; Oct. 29.

Litton, Charles V., Redwood City, Calif., assignor to International Standard Electric Corporation, New York, N. Y. Electron discharge device. 2,412,997; Dec. 24.

Litton, Charles V., Redwood City, Calif., assignor to International Standard Electric Corporation, New York, N. Y. Electron discharge device. 2,412,998; Dec. 24.

Litton, Haywood B., Dallas, Tex. Antipicking device. 2,398,316; Apr. 9.

Litty, Frederick L., Jr., assignor to The Davison Chemical Corporation, Baltimore, Md. Activation of inorganic gels. 2,395,632; Feb. 26.

Livadas, Louis, Springfield, Ohio. Device for slicing butter or the like. 2,405,311; Aug. 6.

Livar, Allen P., Dayton, Ohio, assignor to Chrysler Corporation, Highland Park, Mich. Space heater. 2,409,981; Oct. 22.

Livar, Allen P., and C. R. Gilmore, Dayton, Ohio, assignors to Chrysler Corporation, Highland Park, Mich. Pot burner and pilot assembly. 2,393,176; Jan. 15.

Lively, George, Pueblo, Colo. Bicycle seat. 2,406,783; Sept. 3.

Lively, James W., San Jose, Calif. Sealed moistureproof paper package. 2,406,301; Aug. 20.

Livermont, Frank W., assignor of twenty per cent to W. L. Hume, thirty per cent to R. A. Livingston, fifteen per cent to R. L. Ames, and five per cent to M. F. Vaughan, Los Angeles, Calif. Torque wrench. 2,400,205; May 14.

Livermont, Frank W., assignor to Richmont, Inc., Los Angeles, Calif. Pipe wrench. 2,403,187; July 2.

Livermore, Clifford S., Washington, D. C. Detecting submarine mines. 2,398,432; Apr. 16.

Livermore, William T., Grosse Pointe, Mich. Transmission and fluid pressure cluteh mechanism therefor. 2,399,554; Apr. 30.

Livers, Carlos B., San Diego, Calif. Fluid drive control valve. 2,395,633; Feb. 26.

Livers, Carlos B., assignor to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Self-energizing hydraulic wheel brake system. 2,400,587; May 21.

Livers, Carlos B., San Diego, Calif., assignor, by mesne assignments, to Consolidated Vultee Aircraft Corporation. Hydraulic actuating mechanism. 2,401,258; May 28.

Livingston, Jay K., Houston, Tex. Occupant-propelled vehicle. 2,399,874; May 7.

Livingston, John, Pelham Manor, N. Y. Rudder. 2,392,165; Jan. 1.

Livingston, Orrin W., Scotia, N. Y., assignor to General Electric Company. Electric translating circuit. 2,392,249; Jan. 1.

Livingston, Orrin W., Scotia, N. Y., assignor to General Electric Company. Electric control and protective systems. 2,394,084; Feb. 5.

Livingston, Orrin W., Scotia, N. Y., assignor to General Electric Company. Electronic electroresponsive apparatus. 2,404,643; July 23.

Livingston, Ralph: *See*—
Lange, Willy, and Livingston.

Livingston, Richard A., assignee, et al.: *See*—
Livermont, Frank W.

Liwschitz, Michael, Brooklyn, N. Y., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Polyphase multipolar winding. 2,408,219; Sept. 24.

Ljussignaler, A.-B., assignee: *See*—
Ericsson, Gustaf G. A.

Llewellyn, Frederick B., Verona, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave guide. 2,395,560; Feb. 26.

Lloyd, Arnold: *See*—
Butcher, William T., and Lloyd.

Lloyd, Charles W., assignor to Ginger-Cola Dispenser, Inc., Brooklyn, N. Y. Mixing faucet for beverages. 2,408,664; Oct. 1.

Lloyd, Edward C., Takoma Park, Md. Power transmission device. 2,408,080; Sept. 24.

Lloyd, Hubert E., Bound Brook, N. J., assignor to The Ruberoid Co., New York, N. Y. Heat-insulating material. 2,400,884; May 28.

Lloyd, Katherine, Chicago, and H. L. Kell, Clarendon Hills, assignors, to Armour and Company, Chicago, Ill. Refining fatty oils. 2,397,874; Apr. 2.

Lloyd, Nicholas P., Wynnewood, Pa. Camshaft assembly. 2,403,868; July 9.

Lloyd, Robert J., Arlington, Va. Tie-plate. 2,397,023; Mar. 19.

Lloyd, Robert L.: *See*—
Buchanan, Ben F., and Lloyd.

Lloyd, Robert L., Laureiton, N. Y., and B. F. Buchanan, Leonia, N. J., assignors to American Maize-Products Company. Baking batters. 2,394,791; Feb. 12.

Lloyd, Robert L., Laureiton, N. Y., and B. F. Buchanan, Leonia, N. J., assignor to American Maize-Products Company. Fat-frying compositions. 2,401,259; May 28.

Lloyd, Samuel, trustee, assignee: *See*—
Hopkins, Nevil M.

Lloyd, Samuel, trustee, assignee, et al.: *See*—
Hopkins, Nevil M.

Loane, Clarence M., Hammond, Ind., and R. W. Watson, assignors to Standard Oil Company, Chicago, Ill. Combustibles. 2,391,988; Jan. 1.

Lobaugh, Edgar A., New York, N. Y. Aircraft. 2,403,936; July 16.

Lobdell Company, assignee: *See*—
Pieper, Oliver T.

Lobelle, Marcel J. O., Slough, assignor to Messrs. R. Malcolm Limited, Slough, Buckingham, England. Intercommunication coupling device for use in cable connections between tugs, gliders, and the like. 2,400,310; May 14.

Lobl, Frederick, Middleboro, Mass. Heating pad. 2,401,360; June 4.

Lobl, Otto, assignor to Hero Mfg. Co., Inc., Middleboro, Mass. Holder. 2,394,457; Feb. 5.

Lobley, Frederick A.: *See*—
Christner, Howard F., Lobley, and Miles.

Local Industries, Incorporated, assignee: *See*—
Patchen, Elester R.
Willson, Charles T.

Lo Cascio, Genevieve G. and T. D., Jersey City, N. J. Vending machine. 2,398,543; Apr. 16.

Lo Cascio, Thomas D.: *See*—
Lo Cascio, Genevieve G. and T. D.

Locke, Arthur A., and E. F. Ternes, assignors to Miller Laundry Machinery Company, Detroit, Mich. Continuous washing machine. 2,401,947; June 11.

Locke, George A.: *See*—
Fitch, Karl E., and Locke.
Kinkead, Fullerton S., and Locke.

Locke, George A., Glenwood Landing, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Teletypewriter signal enciphering system. 2,406,023; Aug. 20.

Locke, Henry G., Jasper, Ala. Sawmill. 2,410,887; Nov. 12.

Locke Insulator Corporation, assignee: *See*—
McCoy, Robert L.

Locke, John, assignor to The British Cotton Industry Research Association, Didsbury, Manchester, England. Carding engine. 2,403,384; July 2.

Locke, Raymond C., Schenectady, N. Y., assignor to General Electric Company. Pulse generator. 2,411,442; Nov. 19.

Locke, Sanford J., Syracuse, assignor to United States Hoffman Machinery Corporation, New York, N. Y. Balanced suction tumbler. 2,399,555; Apr. 30.

Locke Stove Company, assignee: *See*—
Esson, Edwin.

Lockhart, Margaret L., assignee: *See*—
Lockhart, Marshall L.

Lockhart, Marshall L., Detroit, Mich. Hypodermic injector. 2,398,544; Apr. 16.

Lockhart, Marshall L., assignor of one-half to M. L. Lockhart, Detroit, Mich. Hypodermic syringe. 2,408,328; Sept. 24.

Lockhart, Marshall L., assignor of one-half to M. L. Lockhart, Detroit, Mich. Hypodermic syringe. 2,410,351; Oct. 29.

Lockhart, Robert W.: *See*—
Thompson, Ernest H., Lockhart, and Wolf.

Lockheed Aircraft Corporation, assignee: *See*—
Bailey, Robert A.
Basolo, Menoto D.
Bloomfield, John J.
Corte, Alfred.
Crot, André.
Grafman, Abraham J.
Hamilton, William F., George, and Weible.
Height, Lewis H.
Hoffman, Frederick C.
Kantner, Leslie C., Jr.
Kendrick, James B.
Price, Nathan C.
Rollow, Douglas K.
Shepherd, Allan G.
Silver, Haskell.
Sowle, Charles E.
Sullivan, George C.
Tiffany, Frank E.
Troedsson, Carl B.
Ward, Edward G.

Lock Joint Pipe Company, assignee: *See*—
Longley, James E.

Lockport Cotton Batting Co., assignee: *See*—
Ramage, Monroe W., Jr.

Lockridge, Jack K., Inglewood, Calif., assignor to Wingfoot Corporation, Akron, Ohio. Latex-treatment. 2,398,102; Apr. 9.

Lockridge, William R., administrator: *See*—
Loughridge, Matthew H.

Lockwood, Edwin H., Mansfield, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control apparatus. 2,392,166; Jan. 1.

Lockwood, Edwin J.: *See*—
Maguire, Walter R., and Lockwood.

Lockwood, Harry A., Meriden, Conn., assignor to Chandler-Evans Corporation. Anticorrosion plug. 2,407,023; Sept. 3.

Lockwood, Lawrence A., Chicago, Ill. Baby's heat-retaining nursing bottle holder. 2,399,647; May 7.

Lockwood, Norman R.: *See*—
Burrows, Percy N., and Lockwood.

Locomotive Economizer Corporation, assignee: *See*—
Thompson, Le Roy.

Locomotive Firebox Company, assignee: *See*—
Pyle, Leslie R.

Locomotive Hollow Arch Co., The, assignee: *See*—
Abel, Louis H.

Lo Curto, Anthony R., Brooklyn, N. Y. Watch strap. 2,397,797; Apr. 2.

Lo Curto, Anthony R., Brooklyn, N. Y. Ear ornament. 2,409,369; Oct. 15.

Loder, Donald J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Ethanolamine. 2,395,281; Feb. 19.

Loder, Donald J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Detergent composition. 2,395,971; Mar. 5.

Loder, Donald J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of oxazolines. 2,402,198; June 18.

Loder, Donald J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthesis of nitriles. 2,405,966; Aug. 20.

Loder, Donald J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of acids and esters thereof. 2,405,967; Aug. 20.

Loder, Donald J., and W. F. Gresham, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Modified polymers of dioxolane. 2,394,862; Feb. 12.

Loder, Donald J., and W. M. Bruner, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of cyanoncetals. 2,398,757; Apr. 16.

Loder, Donald J., and W. F. Gresham, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of cyanomethyl dialkyl orthoformates. 2,409,699; Oct. 22.

Lodge, Alvin, Meadville, Pa., assignor to American Viscose Corporation, Wilmington, Del. Winding machine. 2,395,890; Mar. 5.

Lodge, Alvin, Detroit, Mich., assignor to American Viscose Corporation, Wilmington, Del. Yarn package. 2,395,891; Mar. 5.

Lodge Plugs Limited, assignee: *See*—
Hoppe, Bernard, and Smithells.

Lodge & Shipley Machine Tool Company, The, assignee: *See*—
Fritzsch, Frank A.

Lodwig, Erwin, Franklin Square, assignor to Mobile Refrigeration, Inc., New York, N. Y. Low-temperature chamber refrigeration. 2,405,895; Aug. 13.

Loeb, Henry D.: *See*—
Wyman, Joseph B., and Loeb.

Loeb, Lawrence A., New Haven, Conn. Dishwashing machine. Re. 22,809; Nov. 5.

Loeb, Lawrence A., New Haven, Conn. Dishwashing machine. 2,395,747; Feb. 26.

Loeb, Richard F., Jenkintown, Pa. Curtain. 2,395,335; Feb. 19.

Loeb, William S., assignor to Wilkening Manufacturing Company, Philadelphia, Pa. Piston ring. 2,399,683; May 7.

Loeb, William S., assignor to Wilkening Manufacturing Company, Philadelphia, Pa. Piston ring. 2,410,452; Nov. 5.

Loeffel, Lester H.: *See*—
Versoy, Irving R., and Loeffel.

Loetscher, David: *See*—
Jenkins, Edward M., and Loetscher.

Loetscher, John A., assignor to Farley & Loetscher Manufacturing Company, Dubuque, Iowa. Window construction. 2,392,678; Jan. 8.

Loewe, Bernhard, Yonkers, N. Y., now by judicial change of name B. Lowe. Control of electric devices. 2,404,644; July 23.

Loewe, Peter L.: *See*—
Dexter, Roger W., and Loewe.

Loewer, Henry F., Rochester, N. Y., assignor to United Last Company, Portland, Maine. Manufacture of wooden soles. 2,394,704; Feb. 12.

Loewer, Henry F., Rochester, N. Y., assignor to United Last Company, Portland, Maine. Last. 2,404,508; July 23.

Loewy Engineering Company Limited, The, assignee: *See*—
Loewy, Ludwig.

Loewy, Ludwig, Bournemouth, assignor to The Loewy Engineering Company Limited, London, England. Metalworking press. 2,396,108; Mar. 5.

Lofdahl, Lyle J., assignor to Industrial Patents Corporation, Chicago, Ill. Manufacture of soap. 2,411,443; Nov. 19.

Lofgren, Elnar G., Minneapolis, Minn. Induction heater. 2,407,562; Sept. 10.

Lofgren, Gustaf E., Riverside, Conn., assignor to Electrolux Corporation, New York, N. Y. Vacuum cleaner. 2,393,788; Jan. 29.

Lofstrand, Anders R., Jr., Silver Spring, Md. Chain saw sharpener. 2,410,828; Nov. 12.

Logan, Alexander: *See*—
Berggren, George E., Bertalan, and Logan.

Logan Engineering Co., assignee: *See*—
Logan, Henry H.

Logan, Frank G., Mount Vernon, N. Y., assignor to Ward Leonard Electric Company. Electric controlling apparatus. 2,396,379; Mar. 12.

Logan, Frank G., Mount Vernon, N. Y., assignor to Ward Leonard Electric Company. Electric controlling apparatus. 2,402,563; June 25.

Logan, Frank G., Mount Vernon, N. Y., assignor to Ward Leonard Electric Company. Electric switch. 2,407,710; Sept. 17.

Logan, Henry H., assignor to Logan Engineering Co., Chicago, Ill. Hydraulic pressure system. 2,396,864; Mar. 19.

Logan, John W., Jr., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway switch operating apparatus. 2,396,863; Mar. 19.

Logan, Joseph A., Springfield, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Oil burner. 2,395,487; Feb. 26.

Logan, Joseph A., Hadley, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Oil burner. 2,409,504; Oct. 15.

Logan, Joseph A., Hadley, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Pressure atomizing oil burner. 2,411,048; Nov. 12.

Logan, Joseph A., Hadley, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Liquid measuring and dispensing apparatus. 2,413,057; Dec. 24.

Logan, Mason A.: *See*—
Babcock, Stuart M., Horton, and Logan.
Holbrook, Bernard D., and Logan.

Logan, Robert C., Dos Palos, Calif. Dairyman's glove. 2,405,154; Aug. 6.

Logansport Machine, Incorporated, assignee, et al.: *See*—
Parker, Arthur L.

Logue, Leland H.: *See*—
Daman, Arthur C., and Logue.

Logue, Leland H., Denver, Colo., assignor, by mesne assignments, to Mining Process and Patent Company. Settling method and apparatus. 2,402,649; June 25.

Logus, Anthony T., Cedar Rapids, Iowa. Radial reciprocating piston device. 2,404,305; July 16.

Lohmuller, Bernard H., and G. W. Lohmuller, North Hollywood, Calif. Theater curtain. 2,407,024; Sept. 3.

Lohmuller, Genevieve W.: *See*—
Lohmuller, Bernard H., and G. W.

Lohse, Alfred C., Michigan City, Ind., assignor to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Making railway car bodies. 2,405,793; Aug. 13.

Lombard Governor Corporation, assignee: *See*—
Schmidt, Edward.

Lombardi, Anthony J., Floral Park, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Tuning mechanism. 2,408,786; Oct. 8.

Lombardi, Eugene J., Richmond Hill, N. Y., assignor to Federal Telephone and Radio Corporation, Newark, N. J. Shock-absorbent mounting. 2,391,009; Jan. 1.

Lombardo, Joseph B.: *See*—
Laury, Napoleon A., and Lombardo.

London, James A., Los Angeles, Calif. Multishutter camera. 2,413,058; Dec. 24.

Lone Star Gas Company, assignee: *See*—
Martin, James W.

Long, Bernard, Paris, France; vested in the Alien Property Custodian. Methods eliminating the coloration of glass obtained by electric melting. 2,396,585; Mar. 12.

Long, Eli M., Geneva, N. Y., assignor to Shuron Optical Company, Inc., Geneva, N. Y. Goggle lens cutting machine. 2,395,376; Feb. 19.

Long, Fred R., Miamisburg, Ohio. Poultry feeder. 2,411,281; Nov. 19.

Long, George, St. Louis Park, Minn., assignor to General Mills, Inc. Caging mechanism. 2,406,698; Aug. 27.

Long, Henry R., Linden, assignor to American Type Founders, Inc., Elizabeth, N. J. Diaphragm control. 2,406,550; Aug. 27.

Long, James M., Henderson, Nev. Compressor unit. 2,413,636; Dec. 31.

Long, John A., Cambridge, and W. F. Wolfner II, Methuen, assignors to Photoswitch Incorporated, Cambridge, Mass. Multiple response supervisory system. 2,411,888; Dec. 3.

Long, John E., Boulder, Colo. Air conditioning unit for warm air furnaces. 2,392,601; Jan. 8.

Long, John R., Stow, assignor to Wingfoot Corporation, Akron, Ohio. Copolymers of carboalkoxy alkyl acrylonitriles. 2,396,586; Mar. 12.

Long, John R., assignor to Wingfoot Corporation, Akron, Ohio. Pyrolysis of esters of 1-alken-4-ols to produce diolefins. 2,398,103; Apr. 9.

Long, Loren M., assignor to Parke, Davis & Company, Detroit, Mich. Hydantoins and obtaining the same. 2,404,509; July 23.

Long, Loren M., assignor to Parke, Davis & Company, Detroit, Mich. Hydantoins and obtaining the same. 2,404,510; July 23.

Long, Paul H.: *See*—
Schauer, Ozni E., and Long.

Long, Robert S., Martinsville, N. J., assignor to American Cyanamid Company, New York, N. Y. Azo dyestuffs. 2,392,167; Jan. 1.

Long, Sidney L., Minneapolis, Minn. Top. 2,408,262; Sept. 24.

Long, Thomas A., Hammond, Ind. Can opener. 2,411,099; Nov. 12.

Long, Wendal D., assignor to Horton & Converse, Los Angeles, Calif. Adjustable automatic pipette. 2,398,234; Apr. 9.

Long, William P.: *See*—
Gallagher, Thomas F., and Long.

Longbotham, Tuomas, Portland, Oreg. Diamond charged saw blade and making same. 2,408,148; Sept. 24.

Longbottom, Frank J., Philadelphia, Pa. Flash synchronizer for focal-plane shutters. 2,408,864; Oct. 8.

Longcoy, Olin M.: *See*—
Husman, Chester N., and Longcoy.

Longfellow, Harold R., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for testing electrical conductors. 2,393,177; Jan. 15.

Longfellow, Richard C., Schenectady, N. Y., assignor to General Electric Company. Directive radio system. 2,412,160; Dec. 3.

Longinin, Richard L., assignor, by mesne assignments, to Wheelco Instruments Company, Chicago, Ill. 2,402,763; June 25.

Longley, Herbert J., Calcutta, British India. Machine tool for metal turning and the like. 2,397,798; Apr. 2.

Longley, James E., Verona, assignor to Lock Joint Pipe Company, East Orange, N. J. Apparatus for testing cylinders. 2,396,380; Mar. 12.

Longley, Kermit D., Philadelphia, assignor to Quaker Chemical Products Corp., Conshohocken, Pa. Separating tall oil into fractions by treatment with levulinic acid ester. 2,409,137; Oct. 8.

Longman, Ernest G.: *See*—
Smith, Charles H., and Longman.

Longmate, Ralph B., Detroit, Mich., assignor to Toledo Scale Company, Toledo, Ohio. Liquid metering apparatus. 2,409,982; Oct. 22.

Longoria, Antonio, South Euclid, and C. Girl, Madison, assignors, by direct and mesne assignments, of one-half to said A. Longoria and one-half to Unit Rays, Inc., Cleveland, Ohio. Bonding metal. 2,401,006; May 28.

Lontz, Dudley M., Watertown Arsenal, Mass. Float. 2,395,602; Mar. 5.

Lontz, Dudley M., Georgetown, Conn. Handling device. 2,397,554; Apr. 2.

Loomis, Chauncey C., Lee, and W. J. Barrett, assignors to New England Lime Company, Adams, Mass. Hydrated dolomitic limes and reducing the plasticity of aqueous suspensions thereof. 2,408,324; Sept. 24.

Loomis, Glenn L., McAllen, Tex. Portable derrick. 2,406,794; Aug. 13.

Loomis, Harry A., Los Angeles, Calif. Spinning toy. 2,397,674; Apr. 2.

Loomis, Horatio P.: *See*—
Korner, John, and Loomis.

Looney, Edward M., Watertown, Mass. Fixture for grinding wheel and tool forms. 2,406,467; Aug. 27.

Lopez, Rafael I., Clarksdale, Miss. Spectacle construction. 2,392,990; Jan. 15.

Lorand, Eugene J., assignor to Hercules Powder Company, Wilmington, Del. Odor refining sulphate turpentine. 2,395,055; Feb. 19.

Lorant, Hugh J., and J. W. Bridgland, London, England, said Bridgland assignor to said Lorant. Electric soldering, brazing, and like tool. 2,398,946; Apr. 23.

Lorber, Charles, Louisville, Ky. Knowledge testing device. 2,394,247; Feb. 5.

Lord Baltimore Press, The, assignee: *See*—
Feeney, Joseph C., and Banks.

Lord, Benjamin C.: *See*—
Halstead, William S., and Lord.

Lord & Burnham Company, assignee: *See*—
Kelsey, Walter.

Lord, Coyne G., Wilmington, Del. Liquid separator tank having means for drawing a vacuum on the tank and having discharge mechanisms for causing a flow of liquid thereto from the separator tank. 2,413,509; Dec. 31.

Lord, Francis L. B., Bloomfield, assignor to Titelox Manufacturing Company, Montclair, N. J. Insert. 2,403,810; July 9.

Lord, Harold W., Schenectady, N. Y., assignor to General Electric Company. Pulse generating circuit. 2,394,389; Feb. 5.

Lord Manufacturing Company, assignee: *See*—
Roche, Paul C.
Wallerstein, Leon, Jr.
Yates, Tom L.

Lord, Wilfrid, Rochdale, and H. Riding, Wilmslow, England, assignors to Dunlop Tire & Rubber Corporation, Buffalo, N. Y. Belting. 2,401,260; May 28.

Lorentzen Hardware Mf'g. Corp., assignee: *See*—
Nelson, Harry H.

Lorenz, Otto A.: *See*—
Levin, Carl A., and Lorenz.

Lorenz, Richard L., Chicago, Ill., assignor to General Time Instruments Corporation, New York, N. Y. Time system. 2,393,789; Jan. 29.

Lorenz, Richard L., Chicago, Ill., assignor to General Time Instruments Corporation, New York, N. Y. Program instrument. 2,406,841; Aug. 13.

Lorenzen, Robert, and F. Spiegel, New York, N. Y. Method and apparatus for secret signaling. 2,407,808; Sept. 10.

Lorig, Frank W., Lakewood, L. L. Miller, Garfield Heights, and F. E. Robinson, Shaker Heights, Ohio, assignors to The American Steel and Wire Company of New Jersey. Apparatus for continuously processing metal strips. 2,409,770; Oct. 22.

Lornitzo, Frank C., Pawtucket, assignor to Pantex Pressing Machine, Inc., Central Falls, R. I. Pressing heads for pressing machines and their manufacture. 2,393,697; Jan. 29.

Lorschy, György, Budapest V, Hungary; vested in the Alien Property Custodian. Circuit for single-phase commutator machines. 2,399,875; May 7.

Losee, Kathryn A.: *See*—
Lott, William A., Bergeim, and Losee.

Losee Products Co., assignee: *See*—
Babson, Henry B., and Thomas.

Loselle, Edmond W., Wyandotte, Mich. Skirt hanger. 2,409,700; Oct. 22.

Losey, Malcolm S., assignee: *See*—
Hall, Charles W.

Loth, Gaylord, assignor to The Hinde & Dauch Paper Company, Sandusky, Ohio. Chick box. 2,409,701; Oct. 22.

Lothrop, Clarence W., assignee, et al.: *See*—
Holm, Carl H.

Lott, William A., Maplewood, N. J., assignor to E. R. Squibb & Sons, New York, N. Y. Preparation of alkaline-earth-metal salt of sulphadiazine. 2,396,711; Mar. 19.

Lott, William A., Maplewood, F. H. Bergeim, Highland Park, and K. A. Losee, New Brunswick, N. J., assignors to E. R. Squibb & Sons, New York, N. Y. Chemotherapeutic agents of the sulphonamide type. 2,407,309; Sept. 10.

Lott, William A., Maplewood, and R. Van Winkle, Highland Park, N. J., assignors to E. R. Squibb & Sons, New York, N. Y. Chemotherapeutic sulphanilamide derivatives. 2,409,291; Oct. 15.

Lotte Chemical Company, Inc., assignee: *See*—
Peterson, Harry L.

Lotthamer, Paul H., Elmhurst, Long Island, N. Y., assignor of forty-two and one-half percent to J. C. Friel, and fifteen percent to L. Tewel. Razor. 2,397,555; Apr. 2.

Lotz, R. William: *See*—
Cowles, Irving, and Lotz.

Loucks, Claude A., assignee, et al.: *See*—
Gordon, George C., and Blackwelder.

Louden Machinery Company, The, assignee: *See*—
Mappin, Vermont V.
Spafford, Ralph W.
Spafford, Ralph W., and Bergren.

Loughlin, Bernard D., East Orange, N. J., assignor, by mesne assignments, to Hazeltine Research, Inc., Chicago, Ill. Phase-modulation system. 2,401,007; May 28.

Loughlin, Bernard D., Bayside, N. Y., assignor, by mesne assignments, to Hazeltine Research, Inc., Chicago, Ill. Signal-translating system. 2,403,385; July 2.

Loughlin, Bernard D., Bayside, N. Y., assignor, by mesne assignments, to Hazeltine Research, Inc., Chicago, Ill. Direction-indicating system. 2,406,468; Aug. 27.

Loughlin, Bernard D., Bayside, N. Y., assignor, by mesne assignments, to Hazeltine Research, Inc., Chicago, Ill. Direction indicating device. 2,413,637; Dec. 31.

Loughlin, Bernard D., Bayside, and J. F. Craib, Little Neck, N. Y., assignors, by mesne assignments, to Hazeltine Research, Inc., Chicago, Ill. Position-indicating system. 2,404,238; July 16.

Loughlin, James F.: *See*—
Lovas, Joseph J., and Loughlin.

Loughnane, Michael H., Little Falls, N. J. Mine detection device. 2,404,266; July 16.

Loughren, Arthur V., Great Neck, N. Y., assignor to Hazeltine Corporation. Signal-generating system. 2,396,865; Mar. 19.

Loughren, Arthur V., Great Neck, N. Y., assignor, by mesne assignments, to Hazeltine Research, Inc., Chicago, Ill. Secrecy communication system. 2,402,058; June 11.

Loughren, Arthur V., Great Neck, N. Y., assignor, by mesne assignments, to Hazeltine Research, Inc., Chicago, Ill. Direction-finding system. 2,403,727; July 9.

Loughren, Arthur V., Great Neck, N. Y., assignor, by mesne assignments, to Hazeltine Research, Inc., Chicago, Ill. System for indicating the position in space of an object. 2,403,728; July 9.

Loughren, Arthur V., Great Neck, N. Y., assignor, mesne assignments, to Hazeltine Research, Inc., Chicago, Ill. Coordinate determining system. 2,403,729; July 9.

Loughren, Arthur V., Great Neck, N. Y., assignor, by mesne assignments, to Hazeltine Research, Inc., Chicago, Ill. System for locating radiated-signal reflectors. 2,407,169; Sept. 3.

Loughren, Arthur V., Great Neck, N. Y., assignor, by mesne assignments, to Hazeltine Research, Inc., Chicago, Ill. System for space-scanning with a radiated beam of wave signals. 2,409,944; Oct. 22.

Loughridge, Matthew H., Bogota, N. J.; W. R. Lockridge, administrator of said M. H. Loughridge, deceased. Reversible ratchet. 2,394,085; Feb. 5.

Lougovoy, Boris N., Jackson Heights, N. Y. An elastomer adapted for a chewing gum base. 2,412,590; Dec. 17.

Lougovoy, Boris N., Jackson Heights, N. Y., and C. E. Hartwig, Teaneck, N. J. Recovery of gum constituents from asclepiadaceae and product. 2,397,611; Apr. 2.

Louisiana State University and Agricultural and Mechanical College, Supervisors, Board of., assignee: *See*—
West, Philip W.

Loukomsky, Serge A., Bound Brook, N. J., and C. R. Stock, Greenwich, Conn., assignors to American Cyanamid Company, New York, N. Y. Plastometer. 2,410,885; Oct. 29.

Lounsbury, Harvey J., Glen Ellyn, Ill., assignor to W. H. Miner, Inc., Chicago, Ill. Railway car truck. 2,396,796; Mar. 19.

Lovas, Joseph J., Ridgewood, and P. F. Bruins, Douglaston, N. Y. Separation of fatty acid and rosin acids sodium salts and sterols from mixtures thereof. 2,395,282; Feb. 19.

Lovas, Joseph J., Ridgewood, and P. F. Bruins, Douglaston, N. Y. Treating crude kraft soap. 2,395,283; Feb. 19.

Lovas, Joseph J., Ridgewood, and P. F. Bruins, Douglaston, N. Y. Separating and recovering constituents of waste liquor from the soda and sulphate processing of coniferous woods. 2,395,284; Feb. 19.

Lovas, Joseph J., Ridgewood, and J. F. Loughlin, New York, N. Y. Separation of the components of a mixture of fatty acids and rosin acids. 2,412,818; Dec. 17.

Lovatt, John B.: *See*—
Tills, John W., Lovatt, and Potts.

Love, Harold N., Chicago, Ill. Deicing mechanism. 2,399,648; May 7.

Lovejoy, Charles, assignee: *See*—
Lampe, Charles E., Sr.

Lovell, Clarence A.: *See*—
Elmer, Lloyd A., and Lovell.

Lovell, Clarence A., and D. B. Parkinson, Maplewood, N. J., and B. T. Weber, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical computing system. 2,404,387; July 23.

Lovell, Clarence A., and D. B. Parkinson, Maplewood, K. D. Swartzel, Jr., Teaneck, N. J., and B. T. Weber, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Artillery predictor. 2,408,081; Sept. 24.

Lovell, Lawrence L., Wood River, and E. J. Jahn, Edwardsville, Ill., assignors to Shell Development Company, San Francisco, Calif. Preparing and purifying dicarboxylic acids. 2,402,825; June 25.

Lovell Manufacturing Company, assignee: *See*—
Jantz, Gustave H.

Lovell, Stanley P., Washington, D. C., and F. H. Russell, Needham, Mass., assignors to Beckwith Manufacturing Company, Dover, N. H. Shoe construction. 2,399,492; Apr. 30.

Lovell, William V., Sanford, Fla. Electromagnet. 2,400,869; May 28.

Lovely, Elmer R., Glastonbury, Conn. Chimney top. 2,408,665; Oct. 1.

Lovering, Reuben W., Minneapolis, Minn. Time controlled switch mechanism. 2,403,667; July 9.

Lovett, Roger A.: *See*—
Ewing, Frederick J., and Lovett.

Lovin, Robert J.: *See*—
Salvesen, Jorgen R., Hossfeld, and Lovin.

Lowe, Arthur, and A. C. Robson, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Anthraquinone dyestuffs. 2,395,229; Feb. 19.

Lowe, Bernard: *See*—
Loewe, Bernhard.

Lowe, Earl R., Detroit, Mich. Chuck. 2,400,762; May 21.

Lowe, Robert, assignee: *See*—
McFarlane, Arthur B.

Lowe, Russell E.: *See*—
Morgan, John D., and Lowe.

Lowe, William B.: *See*—
Stanley, Richard W., and Lowe.

Lowell, Edward O., South Pasadena, assignor, by mesne assignments, to Lowell and Grayson Manufacturing Company, Monrovia, Calif. Inserted tooth milling cutter. 2,408,787; Oct. 8.

Lowell & Grayson, assignee: *See*—
Grayson, John H.

Lowell and Grayson Manufacturing Company, assignee: *See*—
Lowell, Edward O.

Lowell, Joseph, and B. C. Berg, Los Angeles, Calif. Toy. 2,400,013; May 7.

Löwenstein, Alfons, assignor to E. Fabritius, Helsinki, Finland. Closet device. 2,398,104; Apr. 9.

Lower, Carl F., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for the control of highway crossing signals. 2,406,955; Sept. 3.

Lowes, William J., assignor to Harris Trust and Savings Bank, Chicago, Ill. Ammunition. 2,409,945; Oct. 22.

Lowey, Francis J., Olmsted Falls, assignor to The S. K. Wellman Company, Cleveland, Ohio. Making bearings. 2,404,868; July 30.

Lowey, Francis J., Bay Village, and C. H. Tower, assignors to The S. K. Wellman Company, Cleveland, Ohio. Friction composition product. 2,40[illegible]3,430; Oct. 1.

Lowgren, Karl A. U., Tarrytown, a[illegible] York, N. Y., and H. S. Messing, [illegible] A. A. Alfsen, signors to American Defibrator, [illegible] New Orleans, Apparatus for producing pulp. [illegible] Inc., New [illegible] 2,396,58[illegible]

Lowry, Edwin F., Swampscott, [illegible] assignors to Sylvania Elec[illegible] and F. P[illegible] Mass. Electrical discharge [illegible]; Mar. 12.

Lowry, Leonard P.: *See*—
Hartley, G. C., Lowr[illegible]

Loy, John G., assignor [illegible] lay, Ohio. Concea[illegible] 2,409,771; Oct.

Loy, John W., P[illegible] Petroleum C[illegible] Apr. 9.

Loy, Jo[illegible] Pe[illegible]

[illegible] and Bray. [illegible] Produc[illegible] Porcelain [illegible] and wiring block. [illegible] artlesville, Okla., [illegible] ompany. Catalyst [illegible]

[illegible] W. Bartlesvill[illegible] roleum Company. 2,403,811; July 9.

Lesensky, Charles A., Brooklyn, N. Y. Automatic spark plug cleaner. 2,397,359; Mar. 26.

Lezinski, Ezra: *See*—
Butler, Gordon C., Lezinski, and Odell.

Lisces, Enrique L., assignor to Chemical Developments Corporation, Dayton, Ohio. Method of reclaiming soiled solvent by distillation and adsorption. 2,410,034; Oct. 29.

Lisces, Enrique L., assignor to Chemical Developments Corporation, Dayton, Ohio. Extrusion apparatus. 2,410,035; Oct. 29.

Lisces, Enrique L., and Melvin A. Crosby, assignors to Chemical Development Corporation, Dayton, Ohio. Automatic starter. 2,402,564; June 25.

Lubbock, Isaac, Great St. Helens, London, England, assignor to The Asiatic Petroleum Company Limited, London, England. Control means for jet propulsion apparatus. 2,402,826; June 25.

Lubbock, Isaac, and F. J. Battershill, Great St. Helen's, assignors to The Anglo-Saxon Petroleum Company Limited, London, England. Combustion burner. 2,393,654; Apr. 16.

Lubbock, Isaac, G. J. Gollin, A. Lindsay, and H. J. Poole; said Lubbock, Gollin, and Lindsay assignors to The Asiatic Petroleum Company, Limited, London, England. Explosive operated valve. 2,405,439; Aug. 6.

Lubelsky, Benjamin L., Wynnewood, and W. R. Walburn, assignors to Heltzman Safety Blasting Plug Corp., Shamokin, Pa. Blasting plug. 2,403,386; July 2.

Lubenow, Lewis W., Orange, N. J. Removing flash from soft molded articles. 2,402,967; July 2.

Lubetsky, David, Detroit, Mich. Tool. 2,403,666; July 9.

Luboshez, Benjamin E., assignor to Eastman Kodak Company, Rochester, N. Y. Range finder. 2,401,688; June 4.

Luboshez, Benjamin E., assignor to Eastman Kodak Company, Rochester, N. Y. Long base range finder. 2,401,689; June 4.

Luboshez, Benjamin E., assignor to Eastman Kodak Company, Rochester, N. Y. Binocular range finder. 2,401,690; June 4.

Luboshez, Benjamin E., assignor to Eastman Kodak Company, Rochester, N. Y. Photoelectric range finder. 2,401,691; June 4.

Luboshez, Benjamin E., assignor to Eastman Kodak Company, Rochester, N. Y. Coincidence range finder. 2,401,692; June 4.

Luboshez, Benjamin E., assignor to Eastman Kodak Company, Rochester, N. Y. Stereoscopic range finder. 2,401,693; June 4.

Luboshez, Benjamin E., assignor to Eastman Kodak Company, Rochester, N. Y. Method and apparatus for grinding and polishing surfaces. 2,407,206; Sept. 3.

Luboshez, Benjamin E., assignor to Eastman Kodak Company, Rochester, N. Y. Artificial horizon for sighting instruments. 2,410,667; Nov. 5.

Lubri-Zol Development Corporation, assignee: *See*—
Byrkit, Gordon D.
Prutton, Carl F.

Lubs, Herbert A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Treatment of keratinous material. 2,403,937; July 16.

Luby, Charles H., Philadelphia, Pa. Apparatus for protecting ships from torpedos, mines, and the like. 2,395,056; Feb. 19.

Lucarelle, Joseph M., and E. Fedelf, Bridgeport, Conn., assignors to Dictaphone Corporation, New York, N. Y. Cable stripping device. 2,393,919; Jan. 29.

Lucas Auto Co., assignee: *See*—
Lucas, Joseph A.

Lucas, Clifford A., South Charleston, W. Va. Two-speed power transmission. 2,392,250; Jan. 1.

Lucas, Earnie W., Dixon, N. C. Wheeled toy. 2,395,230; Feb. 19.

Lucas, John S., Santa Rosa, Calif. Measuring cup. 2,399,813; May 7.

Lucas, Joseph, Limited, assignee: *See*—
Ifield, Richard J., and Nicolls.

Lucas, Joseph A., assignor, by mesne assignments, to Lucas Auto Co., Los Angeles, Calif. Apparatus for testing gear units. 2,393,113; Jan. 15.

Lucas, Philip: *See*—
Kwartler, Charles E., and Lucas.

Luce, Charles L., McKeesport, and N. B. Duncan, Pittsburgh, Pa., assignors to National Tube Company. Working tubular articles. 2,408,325; Sept. 24.

Luce, Richard W., Southport, Conn. Threaded locking device. 2,391,989; Jan. 1.

Luce, Richard W., Southport, Conn. Nut. 2,396,588; Mar. 12.

Luce, Richard W., Southport, Conn. Tool. 2,399,442; Apr. 30.

Luce, Richard W., Southport, Conn. Fastener. 2,409,702; Oct. 22.

Luce, Richard W., Southport, Conn. Threaded locking device. 2,412,896; Dec. 17.

Luce, Richard W., Southport, Conn. Fastener. 2,413,510; Dec. 31.

Luce, Roy L., assignor to Hydro-Blast Corporation, Chicago, Ill. Sand slurry valve. 2,397,675; Apr. 2.

Luce, Stewart B., Springfield, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Esterification reactions. 2,411,136; Nov. 12.

Lucht, Victor F., Washington, D. C. Recoil mechanism. 2,395,488; Feb. 26.

Lucht, Victor F., Washington, D. C. Muzzle closing mechanism. 2,409,637; Oct. 22.

Lucia, Louis V., West Hartford, Conn. Cutting machine. 2,413,511; Dec. 31.

Lucia, Louis V., and **E. H. Bassett**, West Hartford, assignors to The Silex Company, Hartford, Conn. Steaming and pressing iron. 2,411,738; Nov. 26.

Lucien, René, Farnham Common, England, assignor to Societe d'Inventions Aeronautiques et Mechaniques S. I. A. M., Fribourg, Switzerland. Hydraulic remote control device. 2,412,053; Dec. 3.

Luck, David G. C.: *See*—
Eaton, Thomas T., and Luck.

Luck, David G. C., Princeton, N. J., assignor to Radio Corporation of America. Radio position locator. 2,401,432; June 4.

Luck, David G. C., Haddon Heights, N. J., assignor to Radio Corporation of America. Communication system. 2,404,306; July 16.

Lucke, Charles E., New York, N. Y., assignor to United Aircraft Corporation, East Hartford, Conn. Cylinder cooling structure for aircraft engines. 2,406,551; Aug. 27.

Lucke, Charles E., New York, N. Y., assignor to United Aircraft Corporation, East Hartford, Conn. Axial flow cooling structure for aircraft engines. 2,406,552; Aug. 27.

Luckett, James P., assignor to Clifford Waterhouse, Jackson, Miss. Hoisting device for dump trucks and other vehicles. 2,406,620; Aug. 27.

Luckhaupt, Christopher, Jamaica, N. Y., assignor to A. R. Southworth, Englewood, N. J. Metal containing plastic composition. 2,406,428; Aug. 27.

Luckhaupt, Christopher, Jamaica, N. Y., assignor to Luckite Processes, Inc., Delawanna, N. J. Treating cellulose matter with terpene dihydrochloride. 2,407,988; Sept. 24.

Luckhaupt, Christopher, Jamaica, N. Y., assignor to Luckite Processes, Inc., Delawanna, N. J. Treating cellulose matter with terebene. 2,407,989; Sept. 24.

Luckite Processes, Inc., assignee: *See*—
Luckhaupt, Christopher.

Luckock, Wayne J.: *See*—
Bielski, Alex J., and Luckock.

Lucks, Charles F.: *See*—
Russell, Howard W., and Lucks.

Lucson Corporation, assignee: *See*—
Woodside, Samuel T.

Lucy, Otto H., Los Angeles, Calif., assignor to Murray-Lucy-Marvosh Company, Pasadena, Calif. Method and apparatus for molding three-dimensional shapes from drawings. 2,410,888; Nov. 12.

Ludel, William, New York, N. Y. Wheel dressing tool and making the same. 2,404,184; July 16.

Ludeman, Oscar H., New York, N. Y., assignor to Skinner Engine Company, Erie, Pa. Valve mechanism. 2,403,427; July 2.

Luders, Alfred E., Stamford, Conn. Keel construction for boats or ships. 2,391,900; Jan. 1.

Ludington, Charles T., Ardmore, Pa., and R. W. Griswold, II, Old Lyme, Conn. Airfoil. 2,408,788; Oct. 8.

Ludlow, Edmund: *See*—
Noblitt, Quintin G., and Ludlow.

Ludwig, Bernard J.: *See*—
Wyse, Orville, Ludwig, and Rubin.

Ludwig, Leon R., Wilkinsburg, B. P. Baker, Turtle Creek, and A. H. Bakken, Edgewood, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit interrupter. 2,394,086; Feb. 5.

Ludwig, Leon R., Forest Hills, and B. P. Baker, Turtle Creek, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit interrupter. 2,401,008; May 28.

Ludwig, Leon R., and W. M. Leeds, Wilkinsburg, and B. P. Baker, Turtle Creek, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit interrupter. 2,406,60; Aug. 27.

Luebbers, Herman E.: *See*—
Rogers, John H., and Luebbers.

Luedtke, Richard C., Glen Burnie, Md. Piston and connecting rod thereof. 2,413,059; Dec. 24.

Luehrs, Hans J., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Rotary printing press. 2,405,795; Aug. 13.

Luehrs, Hans J., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Means for securing printing plates to their bases. 2,406,883; Sept. 3.

Luehrs, Hans J., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Clutch. 2,411,739; Nov. 26.

Luehrs, Hans J., Westerly, R. I., and P. W. Cottrell, Stonington, Conn., assignors to C. B. Cottrell & Sons Company, Westerly, R. I. Change-speed mechanism. 2,399,493; Apr. 30.

Luenberger, Frederick O., assignor to U. S. Electrical Motors, Inc., Los Angeles, Calif. Variable ratio transmission. 2,398,235; Apr. 9.

Luettgen, Andrew J., assignor, by mesne assignments, to P. H. Glatfelter Company, Spring Grove, Pa. Sizing composition for use in paper making. 2,399,748; May 7.

Lufkin Foundry & Machine Company, assignee: *See*—
Ostlund, Richard E.

Lufkin, James E., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Nitrating alcohols. 2,396,330; Mar. 12.

Luger, Kenneth E., Minneapolis, Minn. Manually operable vacuum releasing bottle stopper. 2,392,602; Jan. 8.

Luhn, Hans P., Armonk, assignor to International Business Machines Corporation, New York, N. Y. Electric calculating machine. 2,394,924; Feb. 12.

Luhn, Hans P., Armonk, assignor to International Business Machines Corporation, New York, N. Y. Electrical calculating machine. 2,394,925; Feb. 12.

Luisada, August G., New York, N. Y. Inflatable boat and making same. 2,408,789; Oct. 8.

Luke, Jack, Toronto, Ontario, Canada. Lace cutter. 2,411,927; Dec. 3.

Luke, Oliver J., assignor to Carter Carburetor Corporation, St. Louis, Mo. Coil winding device. 2,412,591; Dec. 17.

Lukeman, Richard J., Montreal, Quebec, Canada. Clothes hook and utility hanger. 2,395,131; Feb. 19.

Lukens Steel Company, assignee: *See*—
Fayles, Robert R.

Luley, John C., Teaneck, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Orienting device. 2,394,622; Feb. 12.

Lull, Le Grand H., Minneapolis, Minn. Load handling mechanism. 2,394,458; Feb. 5.

Lum, George P., assignor to Bendix Aviation Corporation, South Bend, Ind. Fuel injection pump. 2,393,544; Jan. 22.

Lum, John C.: *See*—
Jernstdt, George W., and Lum.

Lum, John C., Union, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Stripping of copper from zinc. 2,408,220; Sept. 24.

Lumbar, James K., La Junta, Colo. Fire extinguisher. 2,399,556; Apr. 30.

Lumbard, Henry G., assignee: *See*—
Watson, Carlisle V.

Lumbard, Henry G., Auburn, Maine. Bottom filler for shoes. 2,401,088; May 28.

Lummus Company, The, assignee: *See*—
Bloomer, Ward J.
Brunjes, Austin S., and Bogart.
Schutte, August H.

Lund, Albert A., Port Washington, N. Y. Colloid mill. 2,402,170; June 18.

Lund, Charles, Burbank, Calif., assignor to Adel Precision Products Corp. Adjustable harness clip. 2,409,772; Oct. 22.

Lund, Johan, Detroit, assignor to The Gear Grinding Machine Company, Hamtramck, Mich. One-way rotary clutch. 2,399,749; May 7.

Lundal, Ingie J., and R. P. Robichaux, assignors, by mesne assignments, of one-half to Cherry-Burrell Corporation, Chicago, and one-half to Sugar Creek Creamery Company, Danville, Ill. Making butter and butter oil concentrate. 2,407,612; Sept. 10.

Lundborg, Carl J., Great Falls, Mont. Electric control. 2,412,103; Dec. 3.

Lundbye, Axel E., assignor to Crowell-Collier Publishing Company, Springfield, Ohio. Electroplating and treating cutting edge tools and the like. 2,411,327; Nov. 19.

Landeen, Chester A., Los Angeles, assignor to Byron Jackson Co., Vernon, Calif. Pipe tong. 2,392,931; Jan. 15.

Lundin, Harald, New York, N. Y., assignor to International Minerals & Chemical Corporation. Manufacture of water-soluble salts of magnesium. 2,394,863; Feb. 12.

Lundquist, Carl E. E., Stockholm, Sweden. Adjustable chair, bedstead, stretcher, or the like. 2,410,088; Oct. 29.

Lundquist, William E., and W. Kellgren, assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Pressure-sensitive adhesive tape. 2,410,089; Oct. 29.

Lundquist, Wilton G., Hohokus, N. J., assignor to Wright Aeronautical Corporation. Propeller drive gear. 2,398,236; Apr. 9.

Lundquist, Wilton G., Hohokus, N. J., assignor to Wright Aeronautical Corporation. Opposite rotating propeller drive. 2,401,604; June 4.

Lundstrom, Alexis A.: *See*—
Hecht, George, and Lundstrom.

Lundstrom, Carl B., Little Falls, N. Y. Producing wooden articles of circular cross section and varying diameter and the resulting article. 2,412,523; Dec. 10.

Lundy, Clarence C., Floral Park, N. Y., and H. Langstroth, Greenwich, Conn., assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Scanning device. 2,407,310; Sept. 10.

Lunt, Jerry H., Forest Hills, N. Y. Corer and slicer. 2,397,496; Apr. 2.

Lunzer, Fritz, et al., assignees: *See*—
Weiss, Gerhart.

Luongo, Albert: *See*—
Greer, John J., and Luongo.

Lupton, George M., assignee: *See*—
Fogle, Walter C.

Lupton, McSherry, Winchester, Va. Grading machine. 2,406,842; Sept. 3.

Lurie, Benjamin L., Chicago, Ill. Pipe wrench. 2,407,990; Sept. 24.

Luse, Daniel C., Chicago, Ill. Wall surface sheet or tile. 2,407,025; Sept. 3.

Lusher, Albert C., deceased, by the Citizens and Manufacturers National Bank of Waterbury, administrator, Waterbury, Conn. Self-locking nut. 2,410,090; Oct. 29.

Luster, Donald R., Oak Ridge, Tenn., and P. B. Rutherford, Herkimer, N. Y., assignors to Remington Arms Company, Inc., Bridgeport, Conn. Grenade launcher. 2,402,060; June 11.

Lustig, Florence, New York, N. Y. Bust separator. 2,406,699; Aug. 27.

Luten, Daniel B., Jr., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Stabilization of gasoline and of addition agents therefor. 2,410,829; Nov. 12.

Luten, Daniel B., Jr., and A. De Benedictis, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Two-stage distillation of ortho-substituted ring compounds. 2,409,773; Oct. 22.

Lutes, Gilbert M., Gilman, Iowa, and T. J. Landt, Minneapolis, Minn. Hydraulic safety valve. 2,402,171; June 11.

Lutes, Oakley D., Jackson, Mich. Farming implement. 2,391,910; Jan. 1.

Lutes, Oakley D., Jackson, Mich., assignor to Seiden Pneumatic Tool Company. Blind riveting apparatus. 2,408,431; Oct. 1.

Luth, Harold J., Muskegon, Mich., assignor to The Brunswick-Balke-Collender Company, Chicago, Ill. Hardening cast phenolic resin. 2,395,675; Feb. 26.

Luth, Harold J., Muskegon, Mich., assignor to The Brunswick-Balke-Collender Company, Chicago, Ill. Building and forming plywood parts. 2,407,711; Sept. 17.

Luth, Harold J., Muskegon, Mich., assignor to The Brunswick-Balke-Collender Company, Chicago, Ill. Solenoid. 2,407,712; Sept. 17.

Luth, Harold J., Muskegon Heights, and K. J. Gregory, Muskegon, Mich., assignors to The Brunswick-Balke-Collender Company, Chicago, Ill. Condensation products and producing the same. 2,395,676; Feb. 26.

Luth, Harold J., H. B. Scheidemantel, and S. R. Krupnick, Muskegon, Mich., assignors to The Brunswick-Balke-Collender Company, Chicago, Ill. Molding materials under heat and pressure. 2,406,843; Sept. 3.

Lutherman, Lewis A., and E. L. Thompson, assignors to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Auxiliary berth arrangement. 2,410,173; Oct. 29.

Luton, Thomas C., Evansville, Ind. Jig-saw puzzle. 2,394,864; Feb. 12.

Luttge, William G., Brooklyn, and E. G. Mesthene, Woodside, N. Y., assignors to American Viscose Corporation, Wilmington, Del. Filter structure and method of making it. 2,396,712; Mar. 19.

Lutton, Donald A., Winthrop, Mass. Micrometer. 2,399,236; Apr. 30.

Lutz, Frederick W.: *See*—
Maxson, William L., Lutz, McLaren, and Fedotoff.

Lutz, Moritz: *See*—
Klinger, Emil, Knapp, and Lutz.

Luxem, Arthur, Chicago, Ill. Warming oven. 2,395,788; Feb. 26.

Luzi, Vassili M., Manitowoc, Wis. Protractor. 2,400,014; May 7.

Lycan, William H., Milwaukee, Wis., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Plastic compositions and applications thereof. 2,397,612; Apr. 2.

Lyem, Arthur, Cumberland, Md., assignor to Celanese Corporation of America. Preparation of laminating fabric. 2,409,703; Oct. 22.

Lyem, Arthur, Cumberland, Md., assignor to Celanese Corporation of America. Production of laminating fabrics. 2,409,704; Oct. 22.

Lykken, Henry G. and W. H., Minneapolis, Minn. Pulverizing and classifying machine. 2,392,331; Jan. 8.

Lykken, William H.: *See*—
Lykken, Henry G. and W. H.

Lyman, Cloethilda A., Alburnett, Iowa. Adjustable clutch. 2,399,279; Apr. 30.

Lyman, Harold T., Milford, Conn., assignor to General Electric Company. Television apparatus. 2,397,150; Mar. 26.

Lyman, Homer F., Nutley, N. J. Fluid spraying device for dishwashing apparatus. 2,392,540; Jan. 8.

Lyman, John E., Mapperley, assignor to William Cotton Limited, Loughborough, England. Cotton's patent and other straight bar knitting machine. 2,410,668; Nov. 5.

Lynch, Charles S., Plainfield, and H. G. Codet, Mountainside, N. J., assignors to Standard Oil Development Company. Alkylation of ethylene mixed feeds. 2,405,968; Aug. 20.

Lynch, Charles S., Plainfield, and H. G. Codet, Mountainside, N. J., assignors to Standard Oil Development Company. Chemical process. 2,407,311; Sept. 10.

Lynch and Company, assignee: *See*—
Peterson, Edgar A.

Lynch, E. P., Inc., assignee: *See*—
Lynch, John R.

Lynch, Edward J., Detroit, Mich. Feed head for rotary tools. 2,410,091; Oct. 29.

Lynch, John R., Providence, R. I., assignor to E. P. Lynch, Inc. Luminous article and method. Re. 22,769; July 2.
Lynch, John R., Providence, R. I., assignor to E. P. Lynch, Inc. Luminous material. 2,413,459; Dec. 31.
Lynch, Leslie S., Jr.: *See*—
Engel, George C., Lynch, and Eldmann.
Lynch, Walter D., Ayrshire, Iowa. Grease dispensing pump. 2,392,603; Jan. 8.
Lyne Co., assignee: *See*—
Lyons, Joseph L., Jr.
Lyness, Horatio S., Lynn, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Making shoes. 2,394,705; Feb. 12.
Lynn, Clarence, Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Band for armatures. 2,397,187; Mar. 26.
Lynn, Clarence, Pittsburgh 21, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Synchronous converter ventilation. 2,399,366; Apr. 30.
Lynn, Julia M., assignee, et al.: *See*—
Lynn, Robert M.
Lynn, Lawrence B.: *See*—
Hanna, Clifton R., and Lynn.
Lynn, Lawrence B., Wilkinsburg, and C. R. Hanna, Pittsburgh, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Stabilizing apparatus. 2,411,550; Nov. 26.
Lynn, Robert M., Pasadena, Calif. Gun sight. 2,394,521; Feb. 5.
Lynn, Robert M., Pasadena, Calif., assignor of twenty-five per cent to C. J. Harasta, twenty-five per cent to J. M. Lynn, and twenty-five per cent to M. A. Harasta. Bomb sight. 2,405,263; Aug. 6.
Lynn, Roland A., Teaneck, N. J., assignor to Radio Corporation of America. Program change indicator. 2,410,669; Nov. 5.
Lynnwood Laboratories, Inc., assignee: *See*—
Shapiro, Carl L.
Lyon, Bruce K., Grant, Nebr., assignor to Oliver Iron and Steel Corporation, Pittsburgh, Pa. Insert bolt. 2,409,638; Oct. 22.
Lyon, Dean A., Washington, D. C. Coating optical elements. 2,398,382; Apr. 16.
Lyon, George A., Allenhurst, N. J. Wheel structure. 2,397,024; Mar. 19.
Lyon, George A., Allenhurst, N. J. Wheel structure. 2,397,360; Mar. 26.
Lyon, George A., Allenhurst, N. J. Wheel structure. 2,401,492; June 4.
Lyon, George A., Allenhurst, N. J. Wheel structure. 2,404,388; July 23.
Lyon, George A., Allenhurst, N. J. Wheel structure. 2,404,389; July 23.
Lyon, George A., Allenhurst, N. J. Wheel structure. 2,404,390; July 23.
Lyon, George A., Allenhurst, N. J. Wheel structure. 2,405,389; Aug. 6.
Lyon, George A., Allenhurst, N. J. Wheel structure. 2,405,390; Aug. 6.
Lyon, George A., Allenhurst, N. J. Wheel structure. 2,405,585; Aug. 13.
Lyon, George A., Allenhurst, N. J. Wheel structure. 2,405,586; Aug. 13.
Lyon, George A., Allenhurst, N. J. Wheel structure. 2,405,587; Aug. 13.
Lyon, George A., Allenhurst, N. J. Wheel construction. 2,406,390; Aug. 27.
Lyon, George A., Allenhurst, N. J. Wheel structure. 2,407,669; Sept. 17.
Lyon, George A., Allenhurst, N. J. Wheel structure. 2,410,174; Oct. 29.
Lyon, George A., Allenhurst, N. J. Wheel trim. 2,411,163; Nov. 19.
Lyon, George A., Allenhurst, N. J. Wheel structure. 2,411,164; Nov. 19.
Lyon, George A., Allenhurst, N. J. Wheel structure. 2,411,928; Dec. 3.
Lyon, George A., Allenhurst, N. J. Wheel structure. 2,413,328; Dec. 31.
Lyon, George A., Allenhurst, N. J. Making wheel trim. 2,413,329; Dec. 31.
Lyon, Joseph P., Jr.: *See*—
Schulze, Walter A., and Lyon.
Lyon, Kenneth C., Millville, N. J., assignor to General Electric Company. Glass composition. 2,408,468; Oct. 1.
Lyon, Robert C., New Brunswick, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Photographic developer compositions. 2,397,676; Apr. 2.
Lyons, Archie H., Modesto, Calif. Safety razor. 2,393,391; Jan. 22.
Lyons, Ellis C., Chicago, Ill. Casting molten metal. 2,401,491; June 4.
Lyons, Ellis C., Boulder City, Nev., assignor, by mesne assignments, to Reconstruction Finance Corporation. Melting magnesium metal and the like. 2,408,466; Oct. 1.
Lyons, Ellis C., Boulder City, Nev., assignor, by mesne assignments, to Reconstruction Finance Corporation. Conditioning molten metal. 2,408,467; Oct. 1.
Lyons, Harold, by judicial change of name: *See*—
Litschutz, Harold.
Lyons, Isidore, New York, N. Y. Adjustable waistband for garments. 2,393,392; Jan. 22.
Lyons, Joseph L., Jr., assignor to Lyne Co., Chicago, Ill. Bottle carrier. 2,393,114; Jan. 15.
Lyophile-Cryochem Company, assignee: *See*—
Flosdorf, Earl W.
Lysholm, Alf, Stockholm, Sweden, assignor, by mesne assignments, to J. C. Marble, L. M. Merrill, and P. H. Batten, as trustees. Rotary screw wheel apparatus. 2,410,172; Oct. 29.
Lytle, Arthur R., and W. Morton, Niagara Falls, N. Y., assignors, by mesne assignments, to The Linde Air Products Company. Pressure welding process and apparatus. 2,392,824; Jan. 15.
Lytton, Kenneth G., Gastonia, assignor to M. C. Lytton, Mount Holly, N. C. Cap fastening means for fountain pens. 2,396,866; Mar. 19.
Lytton, Margaret C., assignee: *See*—
Lytton, Kenneth G.
M and M Wood Working Company, assignee: *See*—
Cone, Charles N.
Maag-Zahnrader und-Maschinen Aktiengesellschaft, assignee: *See*—
Aeppli, Albert.
Graf, Willi.
Maas, Louis A., Glendale, Calif. Balanced suspension for chimes. 2,400,125; May 14.
Maas, Werner S., New York, N. Y. Bust support. 2,413,060; Dec. 24.
Maasberg, Albert T., Huntsville, Ala., assignor to The Dow Chemical Company, Midland, Mich. Preparing alkali soluble methyl cellulose. 2,408,326; Sept. 24.
Mabee, John E., assignee, et al.: *See*—
Schuetz, Thomas J., and Turnquist.
Mabey, Charles A., assignor to The Bristol Company, Waterbury, Conn. Measurement and control of humidity. 2,400,427; May 14.
Maca, Paul, trustee, assignee, et al.: *See*—
Sommer, Kurt, Maca, Edwards, and Budig.
MacAdam, Mark L., Brockton, Mass, assignor to Radio Industries Corporation, New York, N. Y. Directional radio transmitting system. 2,401,575; June 4.
Macalaster Bicknell Company, assignee: *See*—
Curtis, Raymond M.
Macan, Albert L., La Grange, Ill., assignor to General Motors Corporation, Detroit, Mich. Air brake signal system. 2,403,938; July 16.
MacArthur, Roger A.: *See*—
Greider, Harold W., and MacArthur.
MacBain, Donald K.: *See*—
Edwards, Miles L., MacBain, and Johnson.
Macbeth, Allan, Bowden, Altrincham, assignor to Mills Scaffold Company Limited, London, England. Clip or clamp for use in connecting together structural members. 2,392,932; Jan. 15.
MacBlane, James, Elmira Heights, N. Y., assignor to Bendix Aviation, South Bend, Ind. Automatic chuck. 2,397,025; Mar. 19.
MacBlane, James, Elmira Heights, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Wire or strip feeding mechanism for punch presses. 2,413,638; Dec. 31.
Maccaferri, Mario, New York, N. Y. Ligature for saxophone mouthpieces. 2,411,380; Nov. 19.
MacCallum, Alan M., Maywood, assignor to Bendix Aviation Corporation, Teterboro, N. J. Magnetic clutch. 2,407,757; Sept. 17.
MacCallum, Claude R., Glasgow, C. 1., Scotland, Antiskid tread. 2,403,812; July 9.
Maccallum, James, Jr., St. Louis, Mo. Listing machine. 2,392,488; Jan. 8.
MacCarthy, Donnell D., Pittsfield, Mass., assignor to General Electric Company. Lightning arrester. 2,392,679; Jan. 8.
MacCluney, William R., Dearborn, Mich. Fastening device. 2,407,758; Sept. 17.
MacClymont, David B.: *See*—
Maranczik, Joseph V., and MacClymont.
MacCulloch, Donald G.: *See*—
Chilton, Roland, and MacCulloch.
Macdonald, Angus A.: *See*—
Briggs, Maynard R., and Macdonald.
MacDonald, Clifford K.: *See*—
Murray, Forrest F., and MacDonald.
MacDonald, George A., Los Angeles, Calif. Ink fountain. 2,410,296; Oct. 29.
Macdonald, Hector A., Gravesend, assignor to W. T. Henley's Telegraph Works Company Limited, Dorking, Surrey, England. Electric cable. 2,404,239; July 16.
Macdonald, Joseph R., Winchester, Mass. Keeping fish in fresh condition. 2,402,199; June 18.
Macdonald, Roderick A., Peaks Island, Maine. Closet light. 2,411,100; Nov. 12.
MacDuff, Robert S.: *See*—
Sprinkle, Marshall R., and MacDuff.
Mace, Thomas K.: *See*—
Irving, John S., and Mace.
MacEwing, Eugene D., assignor to Dake Engine Co., Grand Haven, Mich. Homogenizing machine. 2,397,281; Mar. 26.
Macey, William C., Winnetka, assignor to Sears, Roebuck and Co., Chicago, Ill. Sample display book. Re. 22,716; Feb. 5.

MacGlashan, E. C., assignee: *See*—
MacGlashan, Lee J.
MacGlashan, Lee J., Long Beach, assignor to E. C. MacGlashan, North Hollywood, Calif. Liquid feeding device. 2,397,677; Apr. 2.
MacGregor Instrument Company, assignee: *See*—
Smith, Jesse C.
MacGregor, Wallace F., deceased; R. D. Miller, special administrator, assignor to J. I. Case Company, Racine, Wis. Stationary concave screen. 2,409,292; Oct. 15.
Machado, Anthony B.: *See*—
Friden, Carl M., and Machado.
Machamer, Hobart E., Oak Park, Ill., assignor to Ceco Steel Products Corporation, Omaha, Nebr. Joint. 2,410,175; Oct. 29.
MacHenry, Richard: *See*—
Johnson, Ellis A., and MacHenry.
Miller, Joseph F. G., and MacHenry.
Machlett Laboratories Incorporated, assignee: *See*—
Agule, George J.
Clausen, Gerard E.
Macht, Maurice L.: *See*—
Cooper, Edward B., and Macht.
Macht, Maurice L., Jersey City, and M. M. Renfrew, Arlington, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Coating by flame-spraying method. 2,410,226; Oct. 29.
Macintyre, John R., South Peabody, Mass., assignor to General Electric Company. Synchronous motor. 2,412,461; Dec. 10.
MacIntire, Walter H., Knoxville, Tenn., assignor to American Zinc, Lead & Smelting Company, St. Louis, Mo. Liberation of the magnesia of magnesium silicates. 2,393,920; Jan. 29.
MacIntire, Walter H., Knoxville, Tenn., assignor to American Zinc, Lead & Smelting Company, St. Louis, Mo. Treatment of dolomite and high-calcic limestones. 2,403,939; July 16.
MacIntire, Walter H., Knoxville, Tenn., assignor to American Zinc, Lead & Smelting Company, St. Louis, Mo. Production of magnesium thiosulfate and magnesium oxide from dolomite. 2,403,940; July 16.
Mack, Arthur W.: *See*—
Schutte, August H., and Mack.
Mack, Edward L., New York, N. Y. Fastener. 2,396,736; Mar. 19.
Mack, Edward L., New York, N. Y. Razor blade and other cutting tool. 2,408,790; Oct. 8.
Mack, Gerry P., Jackson Heights, assignor to Advance Solvents & Chemical Corporation, New York, N. Y. Polymerization of butadienes. 2,398,105; Apr. 9.
Mack, Gerry P., Jackson Heights, assignor to Advance Solvents & Chemical Corporation, New York, N. Y. Liquid vinyl resin dispersion. 2,399,684; May 7.
Mack, Gerry P., Jackson Heights, N. Y., and C. A. Klebsattel, South Orange, N. J., assignors to Advance Solvents & Chemical Corporation, New York, N. Y. Drier metal salt and making it. 2,409,774; Oct. 22.
Mack Manufacturing Corporation, assignee: *See*—
Bull, Kenneth D.
Heiney, John W.
Mack Molding Company, Incorporated, assignee: *See*—
Gronemeyer, Erich.
Mack, Sterling C., Bangor, Pa., assignor to Julius Kayser & Co., Brooklyn, N. Y. Method of and mechanism for widening fabric on flat knitting machines. 2,402,200; June 18.
Mack, Sterling C., Bangor, Pa., assignor to Julius Kayser & Co., Brooklyn, N. Y. Hosiery. 2,409,138; Oct. 8.
Mack, Wayne E., Martins Ferry, Ohio, assignor, by mesne assignments, to Wheeling Steel Corporation, Wheeling, W. Va. Expanded metal load bearing structure. 2,408,082; Sept. 24.
Mack, Wayne E., Martins Ferry, Ohio, assignor, by mesne assignments, to Wheeling Steel Corporation, Wheeling, W. Va. Expanded metal load bearing structure. 2,408,083; Sept. 24.
MacKay, Angus, Dover, Mass. Navigation instrument. 2,411,690; Nov. 26.
Mackay, Johnstone S.: *See*—
Fink, Colin G., and Mackay.
Paden, Joseph H., and Mackay.
Weiser, Harry B., Smith, and Mackay.
Mackay Radio and Telegraph Company, assignee: *See*—
Alford, Andrew.
Mackaye, Henry D., Detroit, Mich. Oil burner. 2,408,865; Oct. 8.
Macke, Robert A., Roselle, and H. J. Zoeller, Union, N. J., assignors to Standard Oil Development Company. Refining waxes. 2,397,969; Apr. 9.
Mackechnie, James G., Jr., Springfield, Mass. Treating and composition for cover cloth. 2,405,703; Aug. 13.
MacKendrick, David B., New York, N. Y. Electric switch. 2,401,650; June 4.
MacKenzie, Charles A.: *See*—
Rust, John B., and MacKenzie.
MacKenzie, Charles A., Upper Montclair, and L. Spialter, Irvington, N. J., assignors to Montclair Research Corporation. Proteinaceous-quaternary ammonium surface active agents and making same. 2,398,317; Apr. 9.
MacKenzie, Donald, assignor to Dowty Equipment Limited, Cheltenham, England. Fluid-actuated control system. 2,407,018; Sept. 3.
Mackenzie, John F.: *See*—
Roseby, Philip N., and Mackenzie.
Mackenzie, John F., Liverpool, England, assignor, by mesne assignments, to Automatic Electric Laboratories, Inc., Chicago, Ill. Electrical signaling system. 2,395,132; Feb. 19.
MacKenzie, Neal T., assignor to General Timber Service, Inc., St. Paul, Minn. Wooden plug. 2,392,751; Jan. 8.
MacKenzie, Thomas W., Cranford, N. J. Automatic telephone dialer. 2,391,911; Jan. 1.
MacKenzie, Thomas W., Cranford, N. J. Call key for automatic telephone dialers. 2,398,019; Apr. 9.
MacKenzie, Thomas W., Cranford, N. J. Automatic telephone dialer. 2,407,889; Sept. 17.
Mackey, Alexander S., Ottawa, Ontario, Canada, assignor to Scovill Manufacturing Company, Waterbury, Conn. Lipstick holder. 2,412,999; Dec. 24.
Mackey, Stuart J., Rochester, and H. S. Wynn, Pittsford, assignors to General Railway Signal Company, Rochester, N. Y. Airplane dispatching system. 2,391,991; Jan. 1.
Mackintosh-Hemphill Company, assignee: *See*—
Daniels, Fred C. T.
Mackmann, Arthur, Chicago, Ill., assignor to Foote Bros. Gear and Machine Corporation. Fleeting device. 2,396,958; Mar. 19.
Mackmann, Arthur, assignor to Foote Bros. Gear and Machine Corporation, Chicago, Ill. Method of and apparatus for forming gear teeth. 2,410,544; Nov. 5.
MacKusick, Byron L.: *See*—
Alves, Howard A., and MacKusick.
MacLachlan, Archibald, Chicago, Ill. Step adjustable wrist band. 2,412,164; Dec. 3.
MacLagan, Carl F.: *See*—
Bradshaw, Lawrence, Morrow, and MacLagan.
MacLaren, James T., Los Angeles, Calif. Chute structure for incinerators. 2,403,941; July 16.
Maclaskey, John, Los Angeles, Calif. Sawhorse. 2,396,737; Mar. 19.
MacLaurin, Robert D.: *See*—
Kline, Hayden B., Fryer, and MacLaurin.
MacLaurin, Robert D., Lakewood, Ohio, assignor to Industrial Rayon Corporation, Cleveland, Ohio. Composition for conditioning thread. 2,404,240; July 16.
MacLaury, Waldo M., Cold Spring Harbor, N. Y. Handtruck. 2,405,155; Aug. 6.
MacLean, Alexander F., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Dicyandiamide-aliphatic ketone condensation product. 2,402,061; June 11.
MacLean-Fogg Lock Nut Company, assignee: *See*—
Lane, Thomas D.
MacLean, John A., Jr.
MacLean, James M., Detroit, Mich. Wheel. 2,409,052; Oct. 8.
MacLean, John A., Jr., Winnetka, Ill., assignor to MacLean-Fogg Lock Nut Company, Chicago, Ill. Bolt and mounting therefor. 2,395,377; Feb. 19.
MacLean, Norman E., San Francisco, Calif. Refrigerating method and apparatus. 2,404,511; July 23.
Macleod, Donald K., assignor to United Steel Fabricators, Inc., Wooster, Ohio. Sectional tank of the knockdown type. 2,402,253; June 18.
MacLeod, Douglas W., Ansonia, Conn. Luggage carrier. 2,409,048; Oct. 22.
MacLeod, Duncan W., Boston, assignor to General Latex and Chemical Corp., Cambridge, Mass. Modified latex. 2,392,825; Jan. 15.
MacMahon, James D., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Detergent briquette. 2,412,819; Dec. 17.
MacManus, John, Yonkers, assignor to Cushman's Sons Inc., New York, N. Y. Method and apparatus for forming perforated pie coverings. 2,405,661; Aug. 13.
MacMillan, Charles W., Washington, D. C. Engine ignition controlling device. 2,394,792; Feb. 12.
MacMillan, Charles W., Washington, D. C. Valve clearance eliminating device. 2,404,241; July 16.
MacMillan, Douglas: *See*—
Vinton, John, and MacMillan.
MacMillan, Douglas M., Berkeley, J. Vinton, San Francisco, and A. C. Paiva, Berkeley, Calif.; said Paiva assignor to said Vinton. Colored gas signal. 2,398,545; Apr. 16.
MacMillan, Douglas M., and J. Vinton, Berkeley, Calif. Colored gas signal. 2,402,968; July 2.
MacMillan, Howard F., Mount Gilead, and P. C. Pocock, Marion, Ohio, assignors to The Hydraulic Development Corp., Inc., Wilmington, Del. Extrusion machine. 2,411,971; Dec. 3.
MacMillin, Howard F.: *See*—
Muller, Johan A., and MacMillin.
MacMillin, Howard F., W. Ernst, and G. A. Waldie, Mount Gilead, Ohio, assignors to The Hydraulic Development Corp., Inc., Wilmington, Del. Method and apparatus for plastic injection. 2,398,318; Apr. 9.
MacMullen, Clinton W., Syracuse, N. Y., assignor to Rohm & Haas Company, Philadelphia, Pa. Esters of pentahalophenoxyalkanols. 2,401,261; May 28.

MacMullen, Clinton W., and H. A. Bruson, assignors to Röhm & Haas Company, Philadelphia, Pa. Amino ethers. 2,395,336; Feb. 19.

MacMullin, Robert B.: *See*—
Hunt, Basil G., and MacMullin.
Wood, Joseph L., and MacMullin.

MacMullin, Robert B., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Manufacture of $MgCl_2$. 2,393,115; Jan. 15.

MacMullin, Robert B., and G. G. Day, Niagara Falls, assignors to The Mathieson Alkali Works, Inc., New York, N. Y. Producing magnesium chloride liquors containing suspended calcium carbonate. 2,400,360; May 14.

MacNab, Marian W., Chevy Chase, Md. Dressmaker's pattern. 2,411,328; Nov. 19.

MacNair, Walter A., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Speech privacy system. 2,406,351; Aug. 27.

MacNeil, Charles S. J.: *See*—
Blanchard, Werner J., MacNeil, Haines, and Martin.

MacNeill, John B., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit interrupter. 2,412,897; Dec. 17.

MacNeille, Stephen M.: *See*—
Mihalyi, Joseph, and MacNeille.

MacNeille, Stephen M., Oak Ridge, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Range finder. 2,398,020; Apr. 9.

MacNeille, Stephen M., assignor to Eastman Kodak Company, Rochester, N. Y. Range finder. 2,401,695; June 4.

MacNeille, Stephen M., assignor to Eastman Kodak Company, Rochester, N. Y. Range finder. 2,401,696; June 4.

MacNeille, Stephen M., assignor to Eastman Kodak Company, Rochester, N. Y. Explosively actuated high-speed shutter. 2,403,730; July 9.

MacNeille, Stephen M., assignor to Eastman Kodak Company, Rochester, N. Y. Beam splitter. 2,403,731; July 9.

MacNeille, Stephen M., Oak Ridge, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Range finder. 2,403,732; July 9.

MacNeille, Stephen M., and F. M. E. Holmes, assignors to Eastman Kodak Company, Rochester, N. Y. Range finder. 2,401,697; June 4.

MacNeille, Stephen M., and J. Mihalyi, assignors to Eastman Kodak Company, Rochester, N. Y. Range finder. 2,401,698; June 4.

Macomber, Frank P., Coral Gables, Fla. Match package. 2,392,991. Jan. 15.

Macomber, James K.: *See*—
Davis, Arthur P., and Macomber.

MacPherran, Charles C.: *See*—
MacPherran, Friedericke W. and C. C., and Van Ells.

MacPherran, Friedericke W., and C. C. MacPherran, deceased, by N. A. Van Ells, administratrix, assignors to N. A. Van Ells, Milwaukee, Wis. Dehydrating foods. 2,401,493; June 4.

MacPherson, Earle S., assignor to General Motors Corporation, Detroit, Mich. Wheel brake. 2,408,938; Oct. 8.

MacPherson, Hugh D., West New Brighton, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Trouble lockout arrangement. 2,396,797; Mar. 19.

MacPherson, Hugh D., West New Brighton, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,396,798; Mar. 19.

MacRae, Walter S., Castle Hot Springs, Ariz. Truck unloading apparatus. 2,407,430; Sept. 10.

Macy, James C., New Cumberland, assignor to Aircraft-Marine Products Inc., Harrisburg, Pa. Electrical connector. 2,398,433; Apr. 16.

Macy, Victor M., U. S. Army, Fort Monmouth, N. J. Cable lasher. 2,402,172; June 18.

Madden, Charles L.: *See*—
Eckenbeck, Dana C., Madden, and Slaughter.

Madden, Leo J., Whitesboro, assignor to Skenandoa Rayon Corporation, Utica, N. Y. Funnel. 2,411,049; Nov. 12.

Maddock, Alan J., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Antenna system. 2,400,937; May 28.

Maddock, Charles B., St. Louis, Mo., assignor to Baker & Company, Inc., Newark, N. J. Apparatus for forming surfaces of revolution. 2,403,668; July 9.

Maddock, Robert H., Lakewood, and G. E. Kricker, assignors to The Midland Steel Products Company, Cleveland, Ohio. Fifth wheel mounting. 2,402,254; June 18.

Maddox, Stanley V., Cheylesmore, Coventry, assignor to H. M. Hobson (Aircraft & Motor) Components, London, England. Milling and like machine. 2,392,606; Jan. 8.

Maddox, Stanley V., Cheylesmore, Coventry, assignor to H. M. Hobson (Aircraft & Motor) Components Limited, London, England. Control system for aircraft engines. 2,398,319; Apr. 9.

Maddox, Stanley V., Cheylesmore, Coventry, assignor to H. M. Hobson (Aircraft & Motor) Components Limited, London, England. Power control for aircraft engines. 2,398,586; Apr. 16.

Mader, Joseph, assignor to Maremont Automotive Products, Inc., Chicago, Ill. Disk mounting. 2,406,553; Aug. 27.

Madison Manufacturing Company, assignee: *See*—
Steiner, Herman L.

Madland, Thorvald, Chicago, Ill., assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Hatch covers and locking means therefor. 2,405,040; July 30.

Madland, Thorvald, Chicago, Ill., assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Door opening and closing device. 2,412,346; Dec. 10.

Madsen, Carl W., deceased, Magna, Utah; D. H. Madsen, administratrix, assignor, by decree of distribution, to D. H. Madsen, Midvale, Utah. Shaft oiler. 2,402,565; June 25.

Madsen, Dora H., administratrix: *See*—
Madsen, Carl W.

Madsen, Dora H., assignee: *See*—
Madsen, Carl W.

Madsen, Martin and W. M., Alhambra, Calif. Power means for road pugs. 2,397,613; Apr. 2.

Madsen, Soren: *See*—
Keith, Claude D., O'Brien, and Madsen.

Madsen, Stanley, Princeton, N. J. Picture frame or the like. 2,407,431; Sept. 10.

Madsen, Walter M.: *See*—
Madsen, Martin and W. M.

Maeder, Abbott S.: *See*—
Jenks, Frederic A., Folland, Maeder, and Cooke.

Maenpa, Carl U., Rome, Ohio. Toilet implements. 2,410,352; Oct. 29.

Maffia, Anthony J., New York, N. Y. Adjustable cutter head. 2,402,650; June 25.

Magazine Repeating Razor Company, assignee: *See*—
Kuhnl, Leopold, and Reyburn.

Magdsick, Henry H., East Cleveland, Ohio, assignor to General Electric Company. Multiflash lamp. 2,404,970; July 30.

Magdus, Joseph, Chicago, Ill. Vehicle wheel. 2,404,308; July 16.

Magee, Bruce V., Fair Haven, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Electrical recording. 2,391,912; Jan. 1.

Magee, Kenneth L., Burlington, Iowa, assignor to J. I. Case Company, Racine, Wis. Agricultural machine. 2,408,939; Oct. 8.

Magee, Robert C., Dayton, Ohio. Shoe tree. 2,399,128; Apr. 23.

Magee, Robert C., Dayton, Ohio. Slide-rule pencil. 2,412,820; Dec. 17.

Magerkurth, Wilhelm A., and H. E. Buecken, assignors to National Rubber Machinery Company, Akron, Ohio. Apparatus for extruding thermoplastic materials. 2,407,503; Sept. 10.

Mages, Morris L., assignor to Magnaflux Corporation, Chicago, Ill. Magnetic inspection. 2,392,168; Jan. 1.

Mages, Morris L., assignor to Magnaflux Corporation, Chicago, Ill. Demagnetizing. 2,397,497; Apr. 2.

Maggio, John B.: *See*—
Edson, James O. and W. A., and Maggio.

Magill, Ellis M.: *See*—
Wilckens, Elbe A., and Magill.

Magill, Herbert L., Chicago, Ill. Silencer unit. 2,397,556; Apr. 2.

Magill, Herbert L., Chicago, Ill. Display box. 2,402,062; June 11.

Magnaflux Corporation, assignee: *See*—
Coon, Grant W.
Doane, Foster B.
Mages, Morris L.

Magnavox Company, The, assignee: *See*—
Quinnell, La Vern E.

Magnenat, René P.: *See*—
Riebold, Walter F., and Magnenat.

Magnenat, René P., assignor to Waterbury Companies, Incorporated, Waterbury, Conn. Desk pad holder. 2,396,381; Mar. 12.

Magnenat, René P., assignor to Waterbury Companies, Incorporated, Waterbury, Conn. Key holder for Jacob's chuck attachment. 2,396,922; Mar. 19.

Magnetic Analysis Corporation, assignee: *See*—
Zuschlag, Theodore.

Magnus, Finn H., West Caldwell, assignor to International Plastic Harmonica Corporation, Newark, N. J. Plastic harmonica. 2,407,312; Sept. 10.

Magnuski, Henry, assignor to Galvin Manufacturing Corporation, Chicago, Ill. Radio receiving system. 2,398,793; Apr. 23.

Magnuski, Henry, assignor to Galvin Manufacturing Corporation, Chicago, Ill. Radio communication system. 2,408,791; Oct. 8.

Magnuski, Henry, assignor to Galvin Manufacturing Corporation, Chicago, Ill. Radio receiving system. 2,409,139; Oct. 8.

Magnusson, Knut J.: *See*—
Carson, Benjamin R., and Magnusson.

Magrane, John K., Highland Park, A. R. Esterly, Metuchen, and R. E. Davies, Plainfield, N. J., assignor to Catalin Corporation of America. Making diallyl phthalate. 2,405,842; Aug. 13.

Magrum, Gervase M., Buffalo, N. Y., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Hydraulic shock absorber piston and cylinder construction. 2,409,505; Oct. 15.

Magrum, Gervase M., Buffalo, N. Y., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Shock absorber. 2,410,176; Oct. 29.

Magrum, Gervase M., and B. E. O'Connor, Buffalo, N. Y., assignors, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Gun structure and recoil control. 2,397,188; Mar. 26.

Maguire Industries, Incorporated, assignee: *See*—
Fill, John V.

Maguire, John J., assignor to Field and Flint Co., Brockton, Mass. Shoe. 2,397,361; Mar. 26.

Maguire, Walter, Company, Inc., assignee: *See*—
Maguire, Walter R., and Lockwood.

Maguire, Walter R., Manhasset, and E. J. Lockwood, Peekskill, assignors to Walter Maguire Company, Inc., New York, N. Y. Heat exchanger. 2,413,360; Dec. 31.

Mahan, John E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Production of esters. 2,408,940; Oct. 8.

Maher, Thomas C.: *See*—
Gerhardt, Andrew H., and Maher.

Mahlberg, Elroy F., Fairfield, Conn., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coupling combination. 2,410,297; Oct. 29.

Mahler, Bradley, assignee: *See*—
Fisk, Arthur.

Mahlmeister, Louis J.: *See*—
Aller, Willis F., and Mahlmeister.

Mahlmeister, Raymond A., assignor to The Sheffield Corporation, Dayton, Ohio. Wheel truing device. 2,392,332; Jan. 8.

Mahlstadt, Sampson D.: *See*—
Miller, Leslie W., and Mahlstadt.

Mahne, Irving H.: *See*—
Cloedy, Fred W., and Mahne.

Mahnke, Kurt, Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Automatic winch control. 2,393,048; Jan. 15.

Mahnke, Kurt, Forest Hills, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Alternating current winch drive. 2,393,998; Feb. 5.

Mahone, Francis D., Long Beach, Calif., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Emulsion introduction system for electric emulsion breakers. 2,393,328; Jan. 22.

Mahoney, James A., and W. S. Anderson, assignors to Shoe Press Corporation, Philadelphia, Pa. Cementing outsoles to shoes. 2,395,133; Feb. 19.

Mahoney, John R., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electronic control circuit. 2,394,087; Feb. 5.

Mahoney, John R., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electronic control system. 2,406,429; Aug. 27.

Mahoney, John R., Pittsburgh, and H. J. Bichsel, Forest Hills, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control circuit. 2,404,971; July 30.

Mahoney, Paul L.: *See*—
Teague, Merwyn C., and Mahoney.

Mahusky, Frank E., Brooklyn, N. Y. Clamp. 2,412,225; Dec. 10.

Malbaum, Jerome, New York, N. Y. Toy apparatus. 2,396,382; Mar. 12.

Maier, August R.: *See*—
Bennett, Daniel A., and Maier.

Maier, August R., Oil City, Pa., assignor to Oil Well Supply Company. Skid base for machinery and the like. 2,385,415; Feb. 26.

Maier, Charles G., Los Altos, Calif., assignor to Pacific Bridge Company. Preparation of ores for alkaline roast. 2,394,793; Feb. 12.

Maier, Curtis E., Elmhurst, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Varnish paper liner facing material. 2,412,592; Dec. 17.

Maier-Hüser, Hans: *See*—
Oberdörfer, Manfred, Bütenandt, Schmidt-Thomé Maier-Hüser.

Main, David W., Denver, Colo. Airplane. 2,397,189; Mar. 26.

Main, David W., Denver, Colo. Pitch control mechanism for rotors of rotary wing aircraft. 2,410,545; Nov. 5.

Main, David W., Detroit, Mich. Airplane. 2,413,460; Dec. 31.

Mainardi, Marcus N.: *See*—
Mainardi, Pompey and M. N.

Mainardi, Pompey, and M. N. Mainardi, Paterson, N. J. Stereoscopic optical system. 2,403,733; July 9.

Maistre, Marcel, Neuchatel, Switzerland. Balance wheel. 2,411,444; Nov. 19.

Maizel, Ben, assignor to Vico Products Company, Chicago, Ill. Treatment of yeast to enhance vitamin potency thereof. 2,411,445; Nov. 19.

Mallinger, Anthony, Astoria, N. Y., and B. E. Stevens, Demarest, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Inductance device. 2,400,559; May 21.

Major, John, Rahway, and E. W. Thomas, Cranford, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Photometric process for gas analysis. 2,395,489; Feb. 26.

Major, Randolph T.: *See*—
Folkers, Karl, and Major.

Major, Randolph T., Mountainside, and K. Folkers, Plainfield, assignors to Merck & Co., Inc., Rahway, N. J. Erythrina alkaloid and its production. 2,407,713; Sept. 17.

Makaroff, Vadim S., assignee: *See*—
Jackson, Alexis.

Makenny, William: *See*—
Whitmore, James B., Makenny, and Newcombe.

Maki, George J., U. S. Army, Elmhurst, Ill. Switching system. 2,393,645; Jan. 29.

Maki, John G., assignor of one-half to A. S. Allen, Hanna, Wyo. Hay feeder. 2,412,643; Dec. 17.

Makie, Richard T., Tompkins County, N. Y. Fish pole. 2,394,706; Feb. 12.

Maky, Walter: *See*—
Wolfram, John N., and Maky.

Malcher, Otto, Chicago, Ill. Computing scale. 2,397,970; Apr. 9.

Malcolm, Messrs. R., Limited, assignee: *See*—
Lobelle, Marcel J. O.

Malcolmson, William J., Riverside, and R. V. Miner, Western Springs, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Manufacture of coated articles. 2,398,712; Apr. 16.

Malcom, Robert, Chicago, Ill., assignor to Chicago Eye Shield Company. Ophthalmic bridge lock. 2,402,827; June 25.

Malcom, Robert L., assignor to Chicago Eye Shield Company, Chicago, Ill. Eyeglasses. 2,398,021; Apr. 9.

Malcom, Robert L., assignor to Chicago Eye Shield Company, Chicago, Ill. Industrial eyeshield. 2,409,140; Oct. 8.

Malek, Sidney K., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control mechanism. 2,407,170; Sept. 3.

Malhiot, Clarence J., Oak Park, assignor to F. B. Redington Co., Chicago, Ill. Wrapping machine. 2,397,190; Mar. 26.

Malhiot, Clarence J., Oak Park, assignor to F. B. Redington Co., Chicago, Ill. Wrapping machine. 2,407,313; Sept. 10.

Malik, Joseph M.: *See*—
Wymann, Floyd H., and Malik.

Malin, Jay B., Fishkill, assignor, by mesne assignments, to The Texas Company, New York, N. Y. Internal-combustion engine. 2,411,740; Nov. 26.

Malin, Jay B., Fishkill, assignor, by mesne assignments, to The Texas Company, New York, N. Y. Fuel injection device for internal-combustion engines. 2,413,111; Dec. 24.

Malin, Jay B., Fishkill, and W. N. Fenney, assignors, by mesne assignments, to The Texas Company, New York, N. Y. Internal-combustion engine. 2,412,821; Dec. 17.

Malina, Frank J., and M. M. Mills, Pasadena, assignors to Aerojet Engineering Corporation, Azusa, Calif. Motor. 2,400,242; May 14.

Maling, Roy, West Roxbury, Mass. Footwear. 2,394,707; Feb. 12.

Maling, Roy, West Roxbury, Mass. Footwear. 2,400,243; May 14.

Maling, Roy, West Roxbury, Mass. Making footwear. 2,404,586; July 23.

Maling, Roy, Chestnut Hill, Mass. Footwear. 2,404,587; July 23.

Maling, Roy, West Roxbury, Mass. Footwear. 2,412,623; Dec. 17.

Malke, Sven, assignor to A. O. Smith Corporation, Milwaukee, Wis. Rotary compressor. 2,411,929; Dec. 3.

Malkin, Bernard A., assignor to Dominion Engineering Works Limited, Lachine, Quebec, Canada. Paper making machine. 2,402,063; June 11.

Mall, Arthur W., Flossmoor, and W. L. Gorden, Chicago, Ill. Chain-saw machine. 2,409,775; Oct. 22.

Mallard, Logan L., Norfolk, Va. Pneumatic ice tray and cube release. 2,404,972; July 30.

Mallard, Logan L., assignor of one-half to H. C. Hofheimer, II, Norfolk, Va. Ice tray. 2,404,973; July 30.

Mallard, Logan L., Norfolk, Va. Antifriction gearing. 2,408,666; Oct. 1.

Mallett, John D.: *See*—
Micher, Walter W., and Mallett.
Shepherd, James E., and Mallett.

Mallina, Rudolph F.: *See*—
Elliott, Stanley J., Hovgaard, Mallina, and Thomas.
Hansen, Harry, and Mallina.

Mallina, Rudolph F., Hastings on Hudson, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling device. 2,393,790; Jan. 29.

Mallina, Rudolph F., Hastings on Hudson, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Key operated telephone call transmitter. 2,394,926; Feb. 12.

Mallina, Rudolph F., Hastings on Hudson, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone call transmitter. 2,394,927; Feb. 12.

Mallina, Rudolph F., Hastings on Hudson, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Potentiometer device. 2,403,989; July 16.

Mallina, Rudolph F., Hastings on Hudson, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Rotary driving mechanism. 2,405,588; Aug. 13.

Mallina, Rudolph F., Hastings on Hudson, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone call transmitter. 2,412,624; Dec. 17.

Mallina, Rudolph F., Hastings on Hudson, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone call transmitter. 2,412,625; Dec. 17.

Mallinckrodt Chemical Works, assignee: *See*—
Bush, Milton T.
Farr, Henry V., and Ruhoff.
Homeyer, August H.
Wallingford, Vernon H., and Homeyer.

Mallory, B. L., Company, The, assignee: *See*—
Mallory, Bonnie L.

Mallory, Bonnie L., Cleveland Heights, Ohio, assignor to The B. L. Mallory Company, Hazel Park, Mich. Shock absorber. 2,408,985; Oct. 8.

Mallory, Clyde, Alhambra, Calif. Receptacle for loose discarded materials. 2,392,604; Jan. 8.

Mallory, Gerald D., Akron, Ohio, assignor to Wingfoot Corporation. Joint for pressure suits. 2,410,786; Nov. 5.

Mallory, Gerald D., Akron, Ohio, assignor to Wingfoot Corporation. Fatigue test for tire cord. 2,412,524; Dec. 10.

Mallory, Marion, Detroit, Mich. Pressure ignition system for internal-combustion engines. 2,392,680; Jan. 8.

Mallory, Marion, Detroit, Mich. Carburetor for internal-combustion engines. 2,392,681; Jan. 8.

Mallory, Marion, Detroit, Mich. Internal-combustion engine. 2,392,933; Jan. 15.

Mallory, Marion, Detroit, Mich. Degasser for internal combustion engines. 2,395,748; Feb. 26.

Mallory, Marion, Detroit, Mich. Two-cycle internal-combustion engine. 2,403,106; July 2.

Mallory, Marion, Detroit, Mich. Carburetor. 2,404,645; July 23.

Mallory, Marion, Detroit, Mich. Valve. 2,406,087; Aug. 20.

Mallory, Marion, Detroit, Mich. Free-wheeling device for automotive vehicles. 2,408,566; Oct. 1.

Mallory, Marion, Detroit, Mich. Engine governor. 2,409,053; Oct. 8.

Mallory, P. R. & Co., Inc., assignee: *See*—
Arvin, Marion J.
Boode, James M.
Dahl, Harry.
Hensel, Franz R.
Hensel, Franz R., and Larsen.
Hensel, Franz R., Emmert, and Wiggs.
Hensel, Franz R., Larsen, and Suggs.
Huetten, Clarence.
Kunz, Walden H.
McFarren, Lawrence E.
Pnerner, George O.
Riling, Floyd E.
Wall, Alexander C.

Malloy, John J., Cleveland Heights, Ohio, assignor to General Electric Company. Multiflash lamp device. 2,408,469; Oct. 1.

Malm, Carl J., and L. W. Blanchard, Jr., assignors to Eastman Kodak Company, Rochester, N. Y. Pretreating cellulose to facilitate its acylation. 2,400,361; May 14.

Malm, Carl J., and G. J. Clarke, assignors to Eastman Kodak Company, Rochester, N. Y. Bottle cap. 2,403,734; July 9.

Malm, George P.: *See*—
Hawthorne, Charles W., and Malm.

Malmborg, Oscar: *See*—
Lidén, Ake, and Malmborg.

Malmquist, Oscar V., Minneapolis, Minn. Potato ricer. 2,396,959; Mar. 19.

Malmquist, Oscar V., Minneapolis, Minn. Toaster. 2,410,985; Nov. 12.

Malo, William G., Marshall, Minn. Conveyer structure. 2,400,763; May 21.

Malone, Homer E., assignor to Perfex Corporation, Milwaukee, Wis. Float valve. 2,400,560; May 21.

Malone, Homer E., assignor to Perfex Corporation, Milwaukee, Wis. Relay Switch. 2,402,173; June 18.

Malone, Homer E., assignor to Perfex Corporation, Milwaukee, Wis. Heating control system. 2,402,174; June 18.

Malone, Homer F., assignor to Stewart-Warner Corporation, Chicago, Ill. Temperature indicator. 2,391,992; Jan. 1.

Malone, Homer F., assignor to Stewart-Warner Corporation, Chicago, Ill. Pressure sending unit. 2,399,129; Apr. 23.

Maloney, Martin E., Flushing, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,408,432; Oct. 1.

Maloney, Raymond T., assignee: *See*—
Breither, Robert H., Seiden, Breitenstein, and Nicolaus.

Maloney, William J., Ansonia, Conn. Human carrier. 2,407,714; Sept. 17.

Maloney, William T., Clinton, N. Y. Polishing material and preparing same. 2,399,237; Apr. 30.

Maloon, Earl B., Arcadia, and W. H. Yount, assignors to Southwest Welding & Mfg. Co., Alhambra, Calif. Hoisting apparatus. 2,401,172; May 28.

Maltby, Wilson R.: *See*—
Glennon, James B., Sellman, and Maltby.

Maltby, Wilson R., Washington, D. C. Submarine mine. 2,398,794; Apr. 23.

Malter, Bernard T.: *See*—
Levinson, Arthur A., Malter, and Julian.

Malter, Louis: *See*—
Kilgore, George R., and Malter.

Malter, Louis, Princeton, N. J., assignor to Radio Corporation of America. Electron discharge device. 2,404,078; July 16.

Malter, Louis, Newark, N. J., assignor to Radio Corporation of America. Photoelectric device. 2,412,822; Dec. 17.

Malthaner, William A., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,408,433; Oct. 1.

Malthaner, William A., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Ice detecting system for aircraft. 2,412,626; Dec. 17.

Maltine Company, The, assignee: *See*—
Meyer, Arthur E.

Mample, Adolph Z., Glen Rock, and L. A. Reed, Chatham, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Facsimile recorder. 2,393,329; Jan. 22.

Manahan, Thomas M., assignor to International Shoe Company, St. Louis, Mo. Shoe construction. 2,401,089; May 28.

Mandel, Jacob, New York, N. Y., assignor to Pronto File Corporation. Interlocking device for storage cabinets. 2,392,287; Jan. 1.

Manderscheid, James J., Chicago, Ill. Bushings for polishing wheels. 2,403,813; July 9.

Manderstam, Leopold H., and L. W. Warner, London, England. Apparatus for use in the hydrogenation of oils. 2,410,670; Nov. 5.

Mandt, Obert G., Upper Arlington, assignor to The Jaeger Machine Company, Columbus, Ohio. Loading machine. 2,405,312; Aug. 6.

Manewich, Anthony P., Detroit, Mich. Traffic signaling system. 2,407,432; Sept. 10.

Manewich, Joseph J., Longmeadow, Mass. Countersink. 2,401,307; June 4.

Manganese Bronze and Brass Company, The, assignee: *See*—
Burrill, Lennard C.

Maniscalco, Peter, Jr.: *See*—
Maniscalco, Pietro and P.

Maniscalco, Pietro, Chicago, Ill. Compressor. 2,403,814; July 9.

Maniscalco, Pietro and P., Jr., Chicago, Ill., said Peter Maniscalco assignor to said Pietro Maniscalco. Compressor. 2,404,079; July 16.

Manitoba Bridge & Iron Works Limited, assignee: *See*—
McCulloch, John A., and Slasor.

Manitowoc Shipbuilding Company, assignee: *See*—
Cram, Hervey G.
Vinton, William U., and Myers.
West, Robert D., and Vinton.

Manke, Arthur G., Schenectady, N. Y., assignor to General Electric Company. Electric coupling system. 2,392,170; Jan. 1.

Mankouski, Charles, Portland, Oreg. Holder for welding rods. 2,411,329; Nov. 19.

Manley, H. Glen, assignee: *See*—
Riess, August H.

Manley, Ralph H.: *See*—
Evans, Cyril D., and Manley.

Mann, Cecil A., Dayton, Ohio. Fluid operated motor. 2,411,282; Nov. 19.

Mann, Cecil A., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Method and apparatus for applying molten metal on strip stock. 2,405,220; Aug. 6.

Mann, Cecil A., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Method and apparatus for impregnating strip stock. 2,405,221; Aug. 6.

Mann, Cecil A., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Method and apparatus for making composite strip stock. 2,405,222; Aug. 6.

Mann, Charles H., Great Neck, N. Y. Gardening device. 2,394,192; Feb. 5.

Mann, Estle R., Upper Montclair, assignor to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Making inductance coils. 2,404,185; July 16.

Mann, Harold C., Arlington, Mass. Tensile test specimen chuck. 2,394,555; Feb. 12.

Mann, James A., San Francisco, Calif. File handle. 2,401,308; June 4.

Mann, John, assignor to Goulds Pumps, Inc., Seneca Falls, N. Y. Pump. 2,413,461; Dec. 31.

Mann, Julius W., and G. F. Russell, Tacoma, Wash. Method and apparatus for drying materials uniformly throughout their mass. 2,408,434; Oct. 1.

Mann, Marion G., Horseheads, N. Y. Passenger body ventilator. 2,397,282; Mar. 26.

Mann, Miles H., West Hartford, Conn., assignor to Underwood Corporation. Typewriting machine 2,394,390; Feb. 5.

Mann, Miles H., Miami, Fla., assignor to Underwood Corporation. Typewriting machine. 2,407,433; Sept. 10.

Mann, Reginald W., Monkseaton, and R. C. Wiles, Newcastle-on-Tyne, England, assignors to Victor Products (Wallsend), Limited. Compressed air-driven drill. 2,407,613; Sept. 10.

Mann, Walter N., S. Coldfield, and E. Lawrenson, assignors to British Insulated Cables Limited, Prescot, England. Electric heating system for buildings. 2,406,884; Sept. 3.

Manne, Moe, New York, N. Y. Finger ring. 2,394,794; Feb. 12.

Mannerstedt, Folke K. E. and C. J. G. Darck, Stockholm, Sweden. Machine for development of power in a certain direction. 2,396,165; Mar. 5.

Mannes, Leopold D., New York, assignor to Eastman Kodak Company, Rochester, N. Y. Sound image in multilayer film. 2,401,699; June 4.

Manninen, Thomas H., Stamford, Conn., assignor to U. S. Industrial Chemicals, Inc., New York, N. Y. Production of butadiene. 2,399,049; Apr. 23.

Manning, Bowman & Co., assignee: *See*—
Drechsler, Herman F., and Eisenheimer.

Manning, Fred W., Palo Alto, Calif. Tire construction. 2,411,659; Nov. 26.

Manning, Fred W., Palo Alto, Calif. Making filter cartridges, abrasive sheets, scouring pads, and the like. 2,411,660; Nov. 26.

Manning, Maxwell & Moore, Inc., assignee: *See*—
Beck, Rudolf.
Brongersma, Cornelius.
Hopkins, Frank H.
Mitchell, George A.
Moore, George E., and Miller.

Manning, Paul D. V., Glencoe, Ill., assignor to International Minerals & Chemical Corporation. Hydrolysate-neutralization process. 2,405,223; Aug. 6.

Manning, Sheldon F.: *See*—
Seborg, Earnest Y., Caldwell, and Manning.

Manor, Willard O., assignor to Consolidated Paper Company, Monroe, Mich. Container wall. 2,411,580; Nov. 26.

Mansell, Leland R., Poland, Ohio. Length control apparatus. 2,395,562; Feb. 26.

Man-Sew Corp., assignee: *See*—
Wall, Byron T.

Man-Sew Pinking Attachment Corp., assignee: *See*—
Schlesinger, Jacob.
Sigoda, Victor J. and J., and Cosentino.

Mansfield, Judson H., assignor to Greenlee Bros. & Co., Rockford, Ill. Machine tool. 2,392,169; Jan. 1.

Manson, Frank G., Chicago, Ill. Quick-release connector. 2,393,178; Jan. 15.

Manson, Frank G., Chicago, Ill. Quick-release connector. 2,407,715; Sept. 17.

Manson, Frank G., Chicago, Ill. Retainer for D-rings for parachute harnesses. 2,411,381; Nov. 19.

Manson, Frank G., Chicago, Ill., and J. J. Maskey, Detroit, Mich. Parachute. 2,398,795; Apr. 23.

Manson, Frank G., and J. J. Maskey, Dayton, Ohio. Life raft. 2,399,494; Apr. 30.

Manson, Frank G., Chicago, Ill., and J. J. Maskey, Ferndale, Mich. Fabric. 2,409,870; Oct. 15.

Manson, George J., Ottawa, Ontario, assignor to Shawinigan Chemicals Limited, Montreal, Quebec, Canada. Plastic compositions of polyvinyl ester and wax. 2,413,239; Dec. 24.

Manson, James V.: *See*—
Holton, George E., Heglund, and Manson.

Manspeaker, Robert O., Chicago, Ill. Sandwich cooky machine. 2,394,795; Feb. 12.

Mantle Lamp Company of America, The, assignee: *See*—
Bramming, Carl.
Hebard, Hugh C.

Mantz, Harold A., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Combined thermoelectric safety shutoff device and cock. 2,409,947; Oct. 22.

Manuel, Robert W.: *See*—
Vande Bogart, Leonard G., and Manuel.

Manwaring, Joshua G. D., Great Neck, N. Y. Locating device for hand stamps or the like. 2,402,651; June 25.

Mapes Consolidated Manufacturing Company, assignee: *See*—
De Reamer, William J.

Mapes, Daniel, West Caldwell, assignor to Specialties Development Corporation, Bloomfield, N. J. Portable container and valve therefor. 2,398,434; Apr. 16.

Mapes, Daniel, West Caldwell, assignor to Specialties Development Corporation, Bloomfield, N. J. Container and bracket assembly. 2,402,175; June 18.

Maples, John A., assignor to Leathem D. Smith Shipbuilding Co., Sturgeon Bay, Wis. Jig for trimming boiler tubes. 2,409,776; Oct. 22.

Mappin, Vermont V., assignor to The Louden Machinery Company, Fairfield, Iowa. Traveling crane. 2,411,218; Nov. 19.

Marancik, Joseph V., Roselle, and D. B. MacClymont, Newark, N. J., assignors to Standard Oil Development Company. Expansion joint. 2,404,447; July 23.

Marancik, Joseph V., Roselle, and R. F. Mildrum, Hillside, N. J., assignors to Standard Oil Development Company. Expansion joint. 2,406,234; Aug. 20.

Marathon Corporation, assignee: *See*—
Salvesen, Jorgen R., Hossfeld, and Lovin.
Servis, Richard.

Marble, Jarvis C., assignee, et al., trustee: *See*—
Lysholm, Alf.

Marbury, Ralph E., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Series capacitor protection. 2,399,367; Apr. 30.

Marbury, Ralph E., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Series capacitor protection. 2,401,009; May 28.

Marbury, Ralph E., Wilkinsburg, and C. V. Fields, Chalfant Borough, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Water-cooled capacitor. 2,412,898; Dec. 17.

Marcellus, Brooks, assignor to Barber Colman Company, Rockford, Ill. Bobbin winding machine. 2,409,639; Oct. 22.

March Engineering Company, assignee: *See*—
Thorndike, Herbert A.

Marchant Calculating Machine Company, assignee: *See*—
Avery, Harold T.
Boyden, Robert E.
Mathi, Walter E.

Marchant, Guy O., assignee: *See*—
Walker, Jay P.

Marchant, William D., Weybridge, England. Controlling the supply of fuel to internal-combustion engines. 2,396,517; Mar. 12.

Marcille, Charles W., St. Louis, Mo. Shoe-last. 2,392,826; Jan. 15.

Marcus, Samuel M., Denver, Colo. Direction indicator. 2,402,255; June 18.

Marcus, Solomon, Allentown, Pa., assignor to Gem Undergarment Co., Garment. 2,399,238; Apr. 30.

Marcy, Grosvenor D., Newton Highlands, Mass., assignor to Boston Woven Hose & Rubber Company, Cambridge, Mass. Reservoir for liquids. 2,392,288; Jan. 1.

Mardis, Paul L., Ilkley, assignor to The English Electric Company Limited, London, England. Speed governor switch. 2,412,347; Dec. 10.

Marek, Leroy F.: *See*—
Avery, Julian M., and Marek.

Marek, Leroy F., Lexington, Mass., assignor to Arthur D. Little, Inc. Decreasing the permeability of fabricated carbon shapes. 2,392,682; Jan. 8.

Maremont Automotive Products, Inc., assignee: *See*—
Hedrick, Gale H.
Mader, Joseph.

Mares, Virgil L., Upper Darby, Pa., assignor to General Electric Company. Circuit interrupter. 2,399,495; Apr. 30.

Margolin, Meyer, Elgin, Ill. Novel shoe construction. 2,405,224; Aug. 6.

Margolin, Meyer, Elgin, Ill. Resilient insole. 2,407,670; Sept. 17.

Margolin, Meyer, Elgin, Ill. Arch support. 2,408,792; Oct. 8.

Margolin, Meyer, Elgin, Ill. Shoe sole construction. 2,412,226; Dec. 10.

Margolis, Louis, assignor of five per cent to E. Berger, Washington, D. C. Rotary internal-combustion engine. 2,409,141; Oct. 8.

Margolis, Michael, Newark, N. J. Composite shoe heel. 2,412,899; Dec. 17.

Margot, Alfred: *See*—
Martin, Henry, and Margot.

Margrave, Wilton: *See*—
Melichar, Joseph F., and Margrave.

Marhoefer, Laurence J.: *See*—
Vidal, Eugene L., and Marhoefer.

Marhoefer, Laurence J., Haddon Heights, assignor to Vidal Corporation, Camden, N. J. Glider. 2,407,563; Sept. 10.

Mariani, Peter, Thomaston, Conn. Wheeled toy. 2,404,186; July 16.

Marick, Louis, Grosse Pointe Farms, Mich., assignor to United States Rubber Company, New York, N. Y. Electrically heated cover. 2,404,736; July 23.

Marien, Charles, and M. W. Marien, assignors to Ramsey Accessories Manufacturing Corporation, St. Louis, Mo. Piston ring. 2,406,844; Sept. 3.

Marien, Melvin W.: *See*—
Marien, Charles A. and M. W.

Marihart, Leo A., Monterey County, Calif. Agricultural machine. 2,400,562; May 21.

Marine National Exchange Bank of Milwaukee, executor: *See*—
Merz, Otto H.

Marine, Richard E., Pittsburgh, Pa. Vehicle lock. 2,413,025; Dec. 24.

Mariner, Thomas, South Norwalk, Conn., assignor to American Cyanamid Company, New York, N. Y. Flexible tube. 2,401,949; June 11.

Marinsky, Davis, assignee: *See*—
Morin, Louis H.

Marinsky, Davis, and L. H. Morin, Bronx, N. Y. Covered separable fastener 2,392,934; Jan. 15.

Marinsky, Davis, assignor of one-half to L. H. Morin, Bronx, N. Y. Two-way separable coupling fastener stringers. 2,395,677; Feb. 26.

Marinsky, Davis, Bronx, assignor of one-half to L. H. Morin, New York, N. Y. Coupled sliders. 2,398,947; Apr. 23.

Marinsky, Davis, New York, assignor of one-half to L. H. Morin, Bronx, N. Y. Slider for separable fasteners. 2,405,509; Aug. 6.

Marion Manufacturing Company, assignee: *See*—
Greene, Oren W., Twitty, and Richie.

Marion Steam Shovel Company, The, assignee: *See*—
Halby, Edwin G., and Bushong.
Mullins, Thomas C.
Wilson, Ellis C., Stock, and Heffelfinger.
Mariotti, Anthony, Lorain, Ohio. Transit level. 2,407,960; Sept. 17.
Maris, Harry B., Riverdale, Md. Recoil brake. 2,403,007; July 2.
Marisic, Milton M.: *See*—
Kellett, John, III, Marisic, and O'Kelly.
Marisic, Milton M., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Hydrocarbon conversion. 2,394,796; Feb. 12.
Marisic, Milton M., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Catalytic conversion of hydrocarbons. 2,400,465; May 14.
Marisic, Milton M., Woodbury, and A. C. Schmitt, Wenonah, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Gel bead. 2,408,986; Oct. 8.
Mark, Francis L., Redondo Beach, Calif. Filled asphalt and asphalt coated roofing compositions. 2,400,563; May 21.
Markel, John M., Rockford, Ill., assignor to J. I. Case Company, Racine, Wis. Manure loader. 2,402,064; June 11.
Marker, Albert L., and E. W. Bergere, San Diego, Calif. Quick change drill chuck. 2,397,026; Mar. 19.
Marker, Albert L., and E. W. Bergere, San Diego, Calif. Tensiometer. 2,401,876; June 11.
Marker, Russell E., Mexico City, Mexico, H. M. Crooks, Jr., and E. L. Wittle, assignors to Parke, Davis & Company, Detroit, Mich. Sapogenin derivatives and preparation of same. 2,395,337; Feb. 19.
Marker, Russell E., Mexico City, Mexico, H. M. Crooks, Jr., and E. L. Wittle, assignors to Parke, Davis & Company, Detroit, Mich. Sapogenin derivatives and preparation of same. 2,395,338; Feb. 19.
Marker, Russell E., Mexico City, Mexico, H. M. Crooks, Jr., and E. L. Wittle, assignors to Parke, Davis & Company, Detroit, Mich. Sapogenin derivatives and preparation of same. 2,395,339; Feb. 19.
Marker, Russell E., Mexico City, Mexico, H. M. Crooks, Jr., and E. L. Wittle, assignors to Parke, Davis & Company, Detroit, Mich. Sapogenin derivatives and preparation of same. 2,395,340; Feb. 19.
Marker, Russell E., State College, Pa., and E. L. Wittle, assignors to Parke, Davis & Company, Detroit, Mich. Preparing sex hormones. 2,397,424; Mar. 26.
Marker, Russell E., State College, Pa., and E. L. Wittle, assignors to Parke, Davis & Company, Detroit, Mich. Preparing sex hormones. 2,397,425; Mar. 26.
Marker, Russell E., Mexico City, Mexico, and E. L. Wittle, assignors to Parke, Davis & Company, Detroit, Mich. Preparing sex hormones. 2,397,426; Mar. 26.
Marker, Russell E., State College, Pa., assignor to Parke, Davis & Company, Detroit, Mich. Sapogenin oxidation products and preparing the same. 2,406,885; Sept. 3.
Marker, Russell E., Mexico City, Mexico, assignor to Parke, Davis & Company, Detroit, Mich. Hormone intermediates and preparation of same. 2,409,293; Oct. 15.
Markes, Orland W., Detroit, Mich. Inking device. 2,400,938; May 28.
Markey, Milton L.: *See*—
Crabtree, Leonard F., and Markey.
Markey, Roscoe I., Montclair, assignor to Pollak Manufacturing Company, Arlington, N. J. Bomb releasing shackle. 2,409,575; Oct. 15.
Markey, Roscoe I., Montclair, assignor to Pollak Manufacturing Company, Arlington, N. J. Joint band for exhaust manifold systems. 2,409,576; Oct. 15.
Markey, Roscoe I., East Orange, assignor to Pollak Manufacturing Company, Arlington, N. J. Bomb releasing shackle. 2,410,036; Oct. 29.
Markham, Charles E., St. Louis, and C. L. Martin, Overland, assignors to Carter Carburetor Corporation, St. Louis, Mo. Engine charge forming device. 2,400,156; May 14.
Markle, George B., Jr., assignor to Freeland Spool & Bobbin Corp., Hazleton, Pa. Bobbin, spool, or the like. 2,397,362; Mar. 26.
Markle, George B., Jr., assignor to Freeland Spool and Bobbin Corp., Hazleton, Pa. Spindle actuated tube locking adapter. 2,401,309; June 4.
Markle, Joseph F., Camden, N. J. Can punch and closure 2,407,434; Sept. 10.
Markley, Howard R., Oklahoma City, Okla., assignor to Phillips Petroleum Company. Hydrocarbon conversion process and apparatus. 2,405,864; Aug. 6.
Markowitz, Phillip, Homestead, Fla. Juice extractor. 2,394,459; Feb. 5.
Marks, Alvin, Whitestone, N. Y. Polarizing crystalline formation by transfer and expansion. 2,398,435; Apr. 16.
Marks, Alvin M., Whitestone, Long Island, N. Y. Polarized illumination. 2,402,176; June 18.
Marks, Barnard M.: *See*—
Goldrick, Richard M., and Marks.
Marks, Emanuel S., trustee, assignee, et al.: *See*—
Edwards, Howard C.
Marks, Louise E., assignee, et al.: *See*—
Edwards, Howard C.
Marks, P. D. R.: *See*—
Houlgate, Henry J., and Marks.
Marks, Ralph E., El Dorado Springs, Mo. Vacuum relieving attachment for boots and overshoes. 2,402,334; June 18.
Markstrum, John A., assignor to Ex-Cell-O Corporation, Detroit, Mich. Broach. 2,392,172; Jan. 1.
Markstrum, John A., assignor to Ex-Cell-O Corporation, Detroit, Mich. Cutting tool. 2,393,646; Jan. 29.
Markwood, William H., Jr.: *See*—
Benning, Anthony F., and Markwood.
Marley Company, Inc., The, assignee: *See*—
Mart, Leon T.
Marlin Firearms Company, The, assignee: *See*—
Crowe, John.
Jenkinson, Robert L.
Marlow, Owen W., Rock Island, Ill. Locking device. 2,395,893; Mar. 5.
Marmon-Herrington Company, Inc., assignee: *See*—
Powell, William S.
Schon, Pierre.
Marple, Elmore B., Wichita, Kans. Locating lost aircraft. 2,396,960; Mar. 19.
Marple, Kenneth E.: *See*—
Bent, Franklin A., and Marple.
Marple, Rollo, assignor to Hancock Manufacturing Company, Jackson, Mich. Latch. 2,393,647; Jan. 29.
Marquardt, Leonard A., Elmhurst, assignor to W. H. Miner, Inc., Chicago, Ill. Railway car truck. 2,408,866; Oct. 8.
Marquette Metal Products Company, assignee: *See*—
Carey, Leroy J.
Marquette Metal Products Company, The, assignee: *See*—
Sacchini, Columbus R.
Taylor, Rhoderic F.
Marren, Thomas, Stamford, Conn. Groove-finishing apparatus. 2,398,022; Apr. 9.
Mars, Solomon, New York, N. Y. Anchor watch strap. 2,411,446; Nov. 19.
Marsack, Max, assignor to Marsack Patents Corporation, Milwaukee, Wis. Mattress. 2,398,237; Apr. 9.
Marsack Patents Corporation, assignee: *See*—
Marsack, Max.
Marschner, Robert F., Homewood, assignor to Standard Oil Company, Chicago, Ill. Conversion of naphthene hydrocarbons. 2,396,331; Mar. 12.
Marschner, Robert F., Homewood, assignor to Standard Oil Company, Chicago, Ill. Aviation gasoline production. 2,403,869; July 9.
Marschner, Robert F., assignor to Standard Oil Company, Chicago, Ill. Superfuel. 2,407,716; Sept. 17.
Marschner, Robert F., Homewood, assignor to Standard Oil Company, Chicago, Ill. Aviation superfuel. 2,407,717; Sept. 17.
Marschner, Robert F., Homewood, Ill., and D. R. Carmody, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Aviation superfuel. 2,407,718; Sept. 17.
Marsden, James, Schenectady, N. Y., assignor to General Electric Company. Preparing polysiloxane resins. 2,406,621; Aug. 27.
Marsh, Delos E., assignor to Richard R. Stoddart, Los Angeles, Calif. Remote-operating control device. 2,395,563; Feb. 26.
Marsh, Emma L.: *See*—
Brennan, Joseph B., and Marsh.
Marsh, Esli A.: *See*—
Hartman, Carl H., Marsh, and Dorrington.
Marsh, Gerald C., assignor to Gresham & Craven Limited, Salford, England. Liquid elevating apparatus. 2,400,651; May 21.
Marsh, Henry R.: *See*—
Gwaltney, Eugene C., and Marsh.
Marsh, Jay L.: *See*—
Murray, Irvin L., Marsh, and Smith.
Marsh, Jay L., and M. E. Hitchcock, South Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation. Recovery method in making butadiene. 2,395,057; Feb. 19.
Marsh, Kirtland, assignor to Aluminum Company of America, Pittsburgh, Pa. Heating metal bodies preparatory to hot working. 2,406,554; Aug. 27.
Marsh, Myrle O., Fort Wayne, Ind., assignor to General Electric Company. Ignition unit. 2,392,171; Jan. 1.
Marsh, Nat H., Baytown, Tex., assignor to Standard Oil Development Company. Isomerization of olefins. 2,405,440; Aug. 6.
Marsh, Sidney C., Hohokus, assignor to Specialties Development Corporation, Bloomfield, N. J. Fluid pressure media dispensing device. 2,410,830; Nov. 12.
Marsh Wall Products, Inc., assignee: *See*—
Robinson, Joseph, Jr.
Marsh, Walter H., Crafton, and E. Thoresen, assignors to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Automatic predetermining device. 2,405,589; Aug. 13.
Marshall, Edward T.: *See*—
Green, Arthur D., Lane, and Marshall.
Marshall, Gertrude R., Schenectady, N. Y., assignor to C. J. Bates & Son, Chester, Conn. Cable-stitch holder. 2,404,855; July 30.
Marshall, William A., Jr., Oak Park, Ill., assignor to Crane Co., Chicago, Ill. Valve testing machine. 2,405,924; Aug. 13.

Marshaus, Anthony J., Euclid, Ohio. Knife. 2,397,875; Apr. 2.
Marsilius, Newman M., Bridgeport, Conn. Milling machine. 2,392,752; Jan. 8.
Marsten, Jesse, assignor to International Resistance Company, Philadelphia, Pa. Resistor construction. 2,412,462; Dec. 10.
Mart, Leon T., Mission Township, Johnson County, assignor to The Marley Company, Inc., Kansas City, Kans. Multipart distribution nozzle. 2,409,371; Oct. 15.
Martin, Archworth, Pittsburgh, Pa. Weaving apparatus. 2,392,489; Jan. 8.
Martin Band Instrument Company, The, assignee: *See*—
Swinehart, Oscar E.
Martin, Boyd G., Shaker Heights, assignor, by mesne assignments, to Jack & Heintz Precision Industries, Inc., Cleveland, Ohio. Gyro assembly. 2,409,875; Oct. 22.
Martin, Carl A., Negaunee, Mich. Projectile. 2,393,648; Jan. 29.
Martin, Charles A., Buffalo, N. Y. Dust collector for tile cutting and similar machines. 2,394,556; Feb. 12.
Martin, Charles A., Buffalo, N. Y. Machine for cutting tile and like workpieces. 2,399,239; Apr. 30.
Martin, Charles A., Buffalo, N. Y. Hoisting apparatus. 2,400,939; May 28.
Martin, Charles C., Savannah, Ga. Sanitary field latrine. 2,410,092; Oct. 29.
Martin, Charles L.: *See*—
Markham, Charles E., and Martin.
Martin, Charles L., Overland, assignor to Carter Carburetor Corporation, St. Louis, Mo. Passage plug. 2,409,294; Oct. 15.
Martin, Charles W., Chattanooga, Tenn. Sewing machine attachment. 2,408,025; Sept. 24.
Martin, Clarence P., Comstock Park, Mich. Razor blade sharpener. 2,393,791; Jan. 29.
Martin Dennis Company, The, assignee: *See*—
Bersworth, Frederick C.
Martin, Donald M., Tenafly, N. J., assignor to Aqua-Sec Corporation, New York, N. Y. Sizing warp yarns. 2,402,652; June 25.
Martin, Earle, Hutchinson, Kans. Trousers construction. 2,410,226; Oct. 29.
Martin, Edward J., Pleasant Ridge, and C. E. Grinstead, assignors to General Motors Corporation, Detroit, Mich. Inductor compass. 2,403,669; July 9.
Martin, Edward J., Pleasant Ridge, assignor to General Motors Corporation, Detroit, Mich. Gun sighting device. 2,405,441; Aug. 6.
Martin, Edward J., Pleasant Ridge, and C. E. Grinstead, assignors to General Motors Corporation, Detroit, Mich. Light meter. 2,407,564; Sept. 10.
Martin, Edward J., Pleasant Ridge, Mich., C. E. Grinstead, West Hartford, Conn., and R. N. Frawley, assignors to General Motors Corporation, Detroit, Mich. Shaft torsion measuring means. 2,409,876; Oct. 22.
Martin, Elmore L., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Copolymers of halogenated ethylenes. 2,396,713; Mar. 19.
Martin, Elmore L., Edgemoor Terrace, Wilmington, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Purification of epsilon-caprolactam. 2,405,960; Aug. 20.
Martin, Elmore L., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymeric materials 2,409,948; Oct. 22.
Martin, Erle: *See*—
Caldwell, Frank W., Martin, and Vincent.
Martin, Erle, West Hartford, and E. D. Eaton, Wethersfield, assignors to United Aircraft Corporation, East Hartford, Conn. Governor control mechanism. 2,397,876; Apr. 2.
Martin, Erle, West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Governor control. 2,398,713; Apr. 16.
Martin, Erle, West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Propeller control. 2,402,065; June 11.
Martin, Eugene, Wesleyville, Pa., assignor to The Standard Stoker Company, Incorporated. Fuel receiving and conveying apparatus. 2,412,408; Dec. 10.
Martin, Eugene W., Denver, Colo. Lock nut and assembling same 2,412,409; Dec. 10.
Martin, Fred D.: *See*—
Lindqvist, Olof V., and Martin.
Martin, George W., Oakland, Calif. Tank flushing device. 2,412,738; Dec. 17.
Martin, Glenn L., Baltimore, assignor to The Glenn L. Martin Company, Middle River, Md. Docking flying boats. 2,411,382; Nov. 19.
Martin, Glenn L., Company, The, assignee: *See*—
Adrcon, Carroll E.
Black, John B.
Bozarth, Kenneth R.
De Bell, George W., and Hill.
Gray, Reid B.
Gray, Reid B., and De Weese.
Hill, Thomas C.
Little, Gordon H.
Martin, Glenn L.
Miller, Leslie T.
Newcomer, Jacob R., Jr., and Adreon.
Martin, Glenn L., Company, The, assignee: *See*—Continued.
O'Neal, William B.
Pepersack, Francis J.
Phillips, Michael J.
Pierson, John D.
Piper, Paul A.
Riggles, William M., Jr.
Ruebensaal, Clayton F.
Soenke, John E.
Tormollan, Owen E., Jr.
Turnbull, William J., and Buchal.
Valentyne, Peter H.
Van Zelm, Willem D.
Vicek, Adolph, Jr.
Von Stackelberg, Yurgen Z.
Martin, Harold M., Schenectady, N. Y., assignor to General Electric Company. Dynamoelectric machine. 2,407,504; Sept. 10.
Martin, Harry M., assignor to Martin Laboratories, Inc., New York, N. Y. Manufacture of thio-acids and derivatives. 2,413,361; Dec. 31.
Martin, Harry R., Polk County, Iowa. Cutter. 2,398,383; Apr. 16.
Martin, Henry, and A. Margot, assignors to J. R. Geigy A. G., Basel, Switzerland. Piperidinoethanol ester of di-n-butyl acetic acid. 2,411,283; Nov. 19.
Martin, Henry, Basel, R. Hirt, Riehen, and A. Staub, assignors to the firm J. R. Geigy A. G., Basel, Switzerland. 4-aminobenzene-sulfone-carbamic acid derivative. 2,411,661; Nov. 26.
Martin, Henry, F. Häfliger, K. Gätzi, and A. Grob, assignors to J. R. Geigy, A. G., Basel, Switzerland. Amino-ethers and their manufacture. 2,397,799; Apr. 2.
Martin, Henry, and F. Häfliger, assignors to J. R. Geigy A. G., Basel, Switzerland. Basic esters of 1-aryl-cycloalkyl-1-carboxylic acids and their manufacture. 2,404,588; July 23.
Martin, Henry, and H. Gysin, assignors to the firm J. R. Geigy A. G., Basel, Switzerland. Imino-di-fatty acid amide. 2,411,662; Nov. 26.
Martin, Henry G., Jr., New Orleans, La., assignor to Standard Oil Development Company. Pressure reduction valve for bottled gas systems. 2,393,545; Jan. 22.
Martin, Homer Z., Elizabeth, E. V. Murphree, and E. J. Gohr, Summit, and J. M. Graham, Dunellen, N. J., assignors to Standard Oil Development Company. Conversion processes and apparatus therefor. 2,394,928; Feb. 12.
Martin, Homer Z., Cranford, N. J., assignor to Standard Oil Development Company. Treating hydrocarbon fluids. 2,396,109; Mar. 5.
Martin, Homer Z., Cranford, N. J., assignor to Standard Oil Development Company. Treating hydrocarbon fluids. 2,399,050; Apr. 23.
Martin, Homer Z., Elizabeth, N. J., assignor to Standard Oil Development Company. Conversion of hydrocarbon oils. 2,406,555; Aug. 27.
Martin, James, Higher Denham, near Uxbridge, England. Hinged mounting for control members of aircraft. 2,393,547; Jan. 22.
Martin, James, Higher Denham, near Uxbridge, England. Quick-release hood for airplane cabins. 2,394,425; Feb. 5.
Martin, James V., Rochelle Park, N. J. Steel spring spoke tire. 2,404,974; July 30.
Martin, James W., assignor to Lone Star Gas Company, Dallas, Tex. Vaporizing apparatus. 2,408,084; Sept. 24.
Martin, Joseph A., assignor to Vickers Incorporated, Detroit, Mich. Power transmission. 2,404,309; July 16.
Martin, Joseph F., Jr., and E. Jastrzembski, Detroit, Mich.; said Jastrzembski assignor to said J. F. Martin, Jr. Toy. 2,398,023; Apr. 9.
Martin, Joseph F., Jr., and H. O. Noder, Detroit, Mich.; said Noder assignor to said J. F. Martin, Jr. Toy. 2,398,024; Apr. 9.
Martin, Joseph F., Jr., Detroit, and L. J. Rudzinski, Hamtramck, Mich.; said Rudzinski assignor to said J. F. Martin, Jr. Toy. 2,398,025; Apr. 9.
Martin, Kenneth E., Newfane, N. Y. Material handling attachment for tractors. 2,395,634; Feb. 26.
Martin Laboratories, Inc., assignee: *See*—
Martin, Harry M.
Martin, Louis D., assignor to Eastman Kodak Company, Rochester, N. Y. Spur gear testing machine. 2,394,623; Feb. 12.
Martin, Louis D., assignor to Eastman Kodak Company, Rochester, N. Y. Gear testing work holder. 2,403,008; July 2.
Martin, Marion E., administratrix: *See*—
Martin, Otis C.
Martin, Mervin E.: *See*—
Haney, Clifford I., Martin, and Andrews.
Schneider, George, and Martin.
Martin, Norman H., London, England, assignor, by mesne assignments, to International Standard Electric Corporation, New York, N. Y. Terminal assembly for electric circuits. 2,397,283; Mar. 26.
Martin, Otis C., deceased, Los Angeles, Calif.; M. E. Martin, administratrix. Matrix for making light transmitting screens. 2,404,448; July 23.

Martin, Paul J., Detroit, Mich. Toy bomber airplane. 2,405,313; Aug. 6.
Martin, Perry S., Harrisonburg, Va. Solid fuel heating stove. 2,399,814; May 7.
Martin, Perry S., Harrisonburg, Pa. Heat regulator. 2,406,088; Aug. 20.
Martin, Philip, Camarillo, Calif. Thermostat controlled alarm. 2,408,667; Oct. 1.
Martin, Ralph C., Cuyahoga Falls, assignor to Wingfoot Corporation, Akron, Ohio. Suit and making. 2,392,992; Jan. 15.
Martin, Richard, Tulsa, Okla., assignor to Illinois Powder Manufacturing Company, St. Louis, Mo. Explosive cartridge assembly. 2,396,518; Mar. 12.
Martin, Robert: *See*— Mellor, Albert, and Martin.
Martin, Robert E., San Jose, Calif. Fruit gatherer. 2,402,201; June 18.
Martin, Russell, assignor to The Coleman Lamp and Stove Company, Wichita, Kans. Floor furnace. 2,392,541; Jan. 8.
Martin, Russell, assignor to The Coleman Lamp and Stove Company, Witchita, Kans. Furnace assembly. 2,407,375; Sept. 10.
Martin, Samuel H.: *See*— Denniston, Adolph L., and Martin.
Martin, Samuel M.: *See*— Lemblitz, Joseph J., Martin, and Miller.
Martin, Samuel M., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Making cords. 2,403,815; July 9.
Martin, Samuel M., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Cords and making cord. 2,403,816; July 9.
Martin, Seda S., executrix: *See*— Boynton, Alexander.
Martin, Sida S., executrix: *See*— Boynton, Alexander.
Martin, Silas M.: *See*— Folsom, Noel J., and Martin.
Martin, Stanley D., Waltham, Mass. Apparatus for instruction in the use of firearms. 2,396,017; Mar. 5.
Martin, Thomas A., Jamaica, N. Y. Brake control for motor vehicles. 2,403,870; July 9.
Martin, Thomas B.: *See*— Blanchard, Werner J., MacNell, Haines, and Martin.
Martin, Thomas B., and J. F. Haines, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich. Governor valve. 2,407,791; Sept. 17.
Martin, Virgil E. C., Hayward, Calif. Foot actuated switch. 2,413,148; Dec. 24.
Martin, Wade B., Ramsey, N. J., assignorto American Telephone and Telegraph Company. Secret signaling system. 2,401,494; June 4.
Martin, Wesley G., assignor to A. O. Smith Corporation, Milwaukee, Wis. Welding. 2,399,815; May 7.
Martin, Wesley G., assignor to A. O. Smith Corporation, Milwaukee, Wis. Assembling containers. 2,413,639; Dec. 31.
Martin, William, Chicago, Ill. Picture frame. 2,401,495; June 4.
Martin, William H.: *See*— Goodale, Walter D., Jr., Lewis, and Martin.
Martin, William H., Lakewood, Ohio, assignor, by mesne assignments, to Republic Industries, Inc., New York, N. Y. Corrosion-resistant fluid heating tank. 2,403,670; July 9.
Martin, William J., Swissvale, Pa. Toy track. 2,399,876; May 7.
Martin, William L.: *See*— Garverich, Edwin S., and Martin.
Martineau, Joseph A. E., Penticton, Province of British Columbia, Canada. Rotary barrel gun. 2,406,089; Aug. 20.
Martindell, Frank, Western Springs, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Article feeding apparatus. 2,412,278; Dec. 10.
Martinec, Emil J., Chicago, Ill. Micrometer attachment. 2,401,951; June 11.
Martinec, Eugene F., Cleveland, Ohio. Gauging device. 2,392,856; Jan. 15.
Martinec, Eugene F., Cleveland, Ohio. Gauging device. 2,397,971; Apr. 9.
Martinec, Eugene F., Cleveland, Ohio. Gauging device. 2,410,093; Oct. 29.
Martinec, Eugene F., Cleveland, Ohio. Gauging device. 2,410,094; Oct. 29.
Martines, Rene, Cranston, R. I. Starting circuit for gas filled discharge tubes. 2,399,557; Apr. 30.
Martines, Rene, Cranston, R. I. Tool. 2,410,889; Nov. 12.
Martinez, Rafael, Vancouver, Wash. Bottle carrier. 2,398,948; Apr. 23.
Martinotti, Pietro, Paris, France; vested in the Alien Property Custodian. Aircraft propeller. 2,394,460; Feb. 5.
Martinson, Lawrence E.: *See*— Ballard, Albert E., and Martinson.
Martowicz, Chester T., New York, N. Y., assignor, by mesne assignments, to H. L. Crowley, South Orange, N. J. Stable tuning device for high-frequency radio circuits. 2,394,391; Feb. 5.
Marty, Mathew J., Chicago, Ill. Fastening device. 2,399,750; May 7.
Martz, William M., Indianapolis, Ind., assignor to General Motors Corporation, Detroit, Mich. Electrodeposition of indium. 2,409,983; Oct. 22.
Maruri, Jesús P., Pina, Cuba. Tube cleaner. 2,392,490; Jan. 8.
Marvel Equipment Corporation, assignee: *See*— Roethel, John H.
Marvel, Harvey E., assignor to S. F. Bowser & Company, Incorporated, Fort Wayne, Ind. Control mechanism for dispensing apparatus. 2,405,264; Aug. 6.
Marvel Slide Fastener Corporation, assignee: *See*— Norkin, Morris.
Marvin, John T., and R. P. Koehring, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich. Porous metal article. 2,409,295; Oct. 15.
Marvin, Ralph J., and A. Wiebke, Los Angeles, Calif. Combination compression and oil scraping ring. 2,410,177; Oct. 29.
Maryland Baking Company, assignee: *See*— Glassner, Mitchel.
Marx, Frank A., Bridgetown, assignor to The Richardson Taylor-Globe Corporation, Cincinnati, Ohio. Carton. 2,399,649; May 7.
Marxer, Adrian: *See*— Miescher, Karl, and Marxer.
Marzocchi, Luigi, Milan, Italy; vested in the Alien Property Custodian. Conveyer for cylindrical articles. 2,396,589; Mar. 12.
Mas, George N., Washington, D. C. Protecting shield. 2,406,090; Aug. 20.
Mascarenhas, Enéas G., Juiz De Fóra, Brazil. Tire cutting machine. 2,394,392; Feb. 5.
Masek, Erwin J., assignor to Vapor Car Heating Company, Inc., Chicago, Ill. Thermostat circuit. 2,394,708; Feb. 12.
Mashburn, Robert T., Kalamazoo, Mich., assignor to Hercules Powder Company, Wilmington, Del. Sizing compositions. 2,393,179; Jan. 15.
Mashburn, Robert T., Parchment, Mich., assignor to Hercules Powder Company, Wilmington, Del. Dry size compositions. 2,401,090; May 28.
Mashmeyer, Herman, Jacksonville, Fla. Awning. 2,407,026; Sept. 3.
Maskey, James J.: *See*— Manson, Frank G., and Maskey.
Maskey, James J.: *See*— Manson, Frank G.
Maslin, Robert M., Sayre, Pa., assignor to International Business Machines Corporation, New York, N. Y. Cutting tool. 2,412,525; Dec. 10.
Mason, Ernest J., Marion, Ind. Locking sectional handle. Re. 22,749; Apr. 30.
Mason, Ernest J., Marion, Ind. Self-locking, identical half handle structure. 2,398,436; Apr. 16.
Mason, Frederick P., Croydon, assignor to Creed and Company Limited, Croydon, Surrey, England. Radio telegraph receiving arrangement. 2,393,921; Jan. 29.
Mason, George: *See*— Ketelbey, Frederick H., and Mason.
Mason, Jacob A., Newark, assignor to The Babcock & Wilcox Company, Rockleigh, N. J. Fuel burner. 2,396,867; Mar. 19.
Mason, James A.: *See*— Harvey, Valentine P., and Mason.
Mason, Ralph B., Baton Rouge, La., assignor to Standard Oil Development Company. Reduction of aromatic nitro compounds. 2,402,423; June 18.
Mason, Ralph B., Baton Rouge, La., assignor to Standard Oil Development Company. Producing catalyst. 2,410,890; Nov. 12.
Mason, Ralph B., and J. A. Pierce, Baton Rouge, La., assignors to Standard Oil Development Company. Hydrogen chloride manufacture. 2,403,735; July 9.
Mason, Reginald D., Richmond, and A. C. Justesen, Heston, England. Manufacture of cream substitutes. 2,407,027; Sept. 3.
Mason, Richard C., Tulsa, Okla. Device for measuring length of a line run into or removed from a bore hole. 2,401,576; June 4.
Mason, Robert E., Sewickley, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Reversible single phase motor. 2,406,430; Aug. 27.
Mason, Veyne V., Scotch Plains, assignor to Elastic Stop Nut Corporation of America, Union, N. J. Fastening device and manufacture thereof. 2,407,314; Sept. 10.
Mason, Warren P., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Measuring the impedance and reflection coefficients of surfaces. 2,394,461; Feb. 5.
Mason, Warren P., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Protecting ships from submarine explosions. 2,401,361; June 4.
Mason, Warren P., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Compressional wave radiator. 2,403,990; July 16.
Mason, Warren P., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Prismatic and high power compressional-wave radiator and receiver. 2,404,391; July 23.

Mason, Warren P., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Submarine signal system. 2,405,225; Aug. 6.
Mason, Warren P., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Low frequency projector or hydrophone. 2,405,226; Aug. 6.
Mason, Warren P., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Geometrical instrument. 2,405,227; Aug. 6.
Mason, Warren P., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Detonation shield. 2,405,590; Aug. 13.
Mason, Warren P., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Training device. 2,405,591; Aug. 13.
Mason, Warren P., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Compressional wave directional, prismatic, and focusing system. 2,406,391; Aug. 27.
Mason, Warren P., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Liquid medium for ultrasonic compressional wave transmission. 2,407,315; Sept. 10.
Mason, Warren P., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Pipe antenna and prism. 2,408,435; Oct. 1.
Mason, Warren P., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Multiplex compressional wave system. 2,408,436; Oct. 1.
Mason, Warren P., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Radiating system. 2,411,551; Nov. 26.
Mason, Warren P., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Cathode ray indicating device. 2,413,026; Dec. 24.
Mason, William C., Inspiration, Ariz., assignor to Inspiration Consolidated Copper Company. Electrolysis of copper. 2,408,668; Oct. 1.
Mason, Verne V., Scotch Plains, assignor to Elastic Stop Nut Corporation, Union, N. J. Manufacture of nuts and the like. 2,408,793; Oct. 8.
Massa, Ernest A.: *See*— Flory, Leslie E., Massa, and Morton.
Massa, Frank, Audubon, N. J., assignor to Radio Corporation of America. Electroacoustical apparatus and using the same. 2,396,519; Mar. 12.
Massa, Frank, Cleveland Heights, assignor to The Brush Development Company, Cleveland, Ohio. Transducer. 2,413,462; Dec. 31.
Massarene, James S., Oradell, assignor to Interchemical Corporation, New York, N. Y. Pigmented prolamine composition. 2,396,430; Mar. 12.
Massarene, James S., Oradell, N. J., assignor to Interchemical Corporation, New York, N. Y. Phonograph record compositions. 2,403,448; July 9.
Massey-Harris Co., Ltd., assignee: *See*— Carroll, Thomas. Pfost, Lester S.
Massey-Harris Company, The, assignee: *See*— Everett, Charles F.
Massey, Peter J., and L. M. Burgess, assignors to H. P. Smith Paper Company, Chicago, Ill. Coating sheet materials. 2,402,903; June 25.
Mast, Gifford M.: *See*— Fleischer, Max, and Mast.
Masteller, Malcolm L., Miami, Fla. Master cylinders. 2,391,913; Jan. 1.
Master Electric Company, The, assignee: *See*— Dicke, Carl H.
Master Machine & Tool Company, assignee: *See*— Antonidis, James E.
Masters, Robert W., Erlton, N. J., assignor to Radio Corporation of America. Transmission coupling circuit. 2,405,314; Aug. 6.
Mastney, Edward J., Berwyn, and J. H. Williams, Chicago, Ill., assignors to Oak Manufacturing Co. Preselecting mechanism. Re. 22,790; Sept. 10.
Mastrangelo, Bianca, assignee, et al.: *See*— Mastrangelo, Frank.
Mastrangelo, Faustina, assignee, et al.: *See*— Mastrangelo, Frank.
Mastrangelo, Frank, Fitchburg, assignor of one-half to F. Mastrangelo, Lunenburg, and one-half to B. Mastrangelo, Fitchburg, Mass. Sash fastener. 2,396,520; Mar. 12.
Masts Limited, assignee: *See*— Scrivener, William C., and Brewer.
Masucci, Peter, Norwood, assignor to Sharp & Dohme, Incorporated, Philadelphia, Pa. Desiccated virus vaccines and producing same. 2,399,443; Apr. 30.
Matchett, John R.: *See*— Wollner, Herbert J., Matchett, and Levine.
Matchett, Mahlon M., Detroit, Mich. Gear fixture. 2,394,624; Feb. 12.
Mathée, William H., Jr., and W. T. Lewis, assignors to Whitman Publishing Company, Racine, Wis. Model airplane construction. 2,399,130; Apr. 23.
Mathelsel, Rudolph A., Jr., Tilton, N. H. Motor. 2,392,052; Jan. 1.
Mathers, Stephen P., Philadelphia, Pa., assignor to National Equipment Co., New York, N. Y. Stacking machine. 2,403,942; July 16.
Mathes, Kenneth N., and B. A. Wasiewicz, Schenectady, N. Y., assignors to General Electric Company. Preparation of methyl polysiloxane resins. 2,405,041; July 30.
Mathes, Richard E.: *See*— Beverage, Harold H., and Mathes.
Mathes, Richard E., Silver Spring, Md., assignor to Radio Corporation of America. Enciphering and deciphering system. 2,401,877; June 11.
Mathes, Richard E., Westfield, N. J., assignor to Radio Corporation of America. Device for secret communication. 2,402,067; June 11.
Mathes, Richard E., Westfield, N. J., assignor to Radio Corporation of America. Recording stylus. 2,404,975; July 30.
Mathes, Roger A.: *See*— Jones, Paul C., and Mathes.
Mathes, Roger A., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. 2-thiocyanothiazolines. 2,391,993; Jan. 1.
Mathes, Roger A., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Purification of mercaptothiazoles. 2,392,935; Jan. 15.
Mathes, Roger A., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. 5-arylcarbamyl 2-mercaptothiazoles. 2,402,066; June 11.
Mathes, Roger A., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Zinc mercaptide-aminothiazoline reaction product. 2,407,565; Sept. 10.
Mathes, Roger A., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Reaction products of dihaloethers with dithiocarbamates. 2,411,219; Nov. 19.
Mathes, Roger A., Akron, and P. C. Jones, Silver Lake, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Bisdimethylene thiuram polysulphides. 2,407,566; Sept. 10.
Mathews Conveyer Company, assignee: *See*— Anderson, Martin J. Bowen, Merel S.
Mathews, Martin D., Indianapolis, Ind. Insulator. 2,406,095; Aug. 20.
Mathewson, Charles F., Buffalo, N. Y. Mechanical band spread for radio tuning. 2,400,699; May 21.
Mathey, C. A., assignee, et al.: *See*— Howard, Posy A.
Mathl, Walter E., Oakland, Calif., assignor to Marchant Calculating Machine Company. Calculating machine. 2,400,244; May 14.
Mathias, David L.: *See*— Work, Lincoln T., and Mathias.
Mathieson Alkali Works, Inc., assignee: *See*— Gardiner, William C. Hampel, Clifford A., and Weller. Hunt, Basil G. Hunt, Basil G., and MacMullin. Hutchinson, Willis S. MacMullin, Robert B. Petroe, Gregory A. Vincent, George P. Vincent, George P., and Dubeau.
Mathieson Alkali Works, Inc., The, assignee: *See*— Clark, Charles C. Erickson, Edwin R. Gardiner, William C. Hutchinson, Willis S. Hutchinson, Willis S., and Woodward. MacMahon, James D. MacMullin, Robert B., and Day. Vincent, George P. Vincent, George P., and Dubeau. Weller, Joseph F. Wood, Joseph L., and MacMullin.
Mathieson, Andrew C., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake shoe construction. 2,400,015; May 7.
Mathieson, C. W., assignee, et al.: *See*— Strong, Jules Q.
Mathieson, Colin W., Sedalia, assignor of thirty per cent to J. Q. Strong, Ladue, Mo., and fifteen per cent to P. H. Lamphere, Denver, Colo. Shoe platform. 2,406,091; Aug. 20.
Mathieu, Walter J., assignee, et al.: *See*— Tiffany, Frank E.
Mathis, John A., and R. W. Milan, Pinckneyville, Ill. Apparatus for evaporating liquid oxygen. 2,401,651; June 4.
Mathis, Leon H., Lake City, Fla. Portable pulpwood saw. 2,405,896; Aug. 13.
Mathisen, Anders, assignor to Graviner Manufacturing Company Limited, Isleworth, England. Flame and temperature rise detecting device. 2,393,860; Jan. 29.
Mathys, Max A., assignor to Ex-Cell-O Corporation, Detroit, Mich. Relief valve. 2,411,930; Dec. 3.
Matson, Charles H., New York, N. Y. Rodent guard for gangplanks. 2,395,635; Feb. 26.
Matson, George L., Kilgore, Tex., assignor to The Dow Chemical Company, Midland, Mich. Dumping bailer. 2,398,752; Apr. 16.

Matson, Leslie E., Jr., Merchantville, N. J., assignor to Radio Corporation of America. Synchronized blocking oscillator. 2,409,577; Oct. 15.

Matson, Robert, Detroit, Mich, assignor, by mesne assignments, to Motion Picture Engineering Corporation. Film splicing device. 2,394,317; Feb. 5.

Matte, Andrew L., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Carrier wave signal system. 2,408,794; Oct. 8.

Matter, Albert J., Park Ridge, Ill., assignor to The Nye Tool & Machine Works. Vise structure. 2,394,709; Feb. 12.

Matter, Fritz, assignor to A. Michel S.-A., Grenchen, Switzerland. Automatic winding mechanism for timepieces. 2,399,131; Apr. 23.

Matthews, Arthur H., Lake Beauport, Quebec, Canada. Gas turbine. 2,411,798; Nov. 26.

Matthews, Carlton T., Green Bay, Wis. Christmas tree holder. 2,410,227; Oct. 29.

Matthews, Carroll F., Indianapolis, Ind., assignor to General Motors Corporation, Detroit, Mich. Apparatus for electroplating of bearing shells. 2,406,956; Sept. 3.

Matthews, Francis W. M., Ferndown, England. Stereoscopic presentation of pictures. 2,401,173; May 28.

Matthews, Louis L., assignor to Maxson Automatic Machinery Company, Westerly, R. I. Sheet-feeding-and-marking method and machine. 2,395,490; Feb. 26.

Matthews, Percy W., North Kingsville, assignor to The Ohio Aircraft Fixture Co., Cleveland, Ohio. Tractor tread dismantler. 2,392,251; Jan. 1.

Matthews, Robert W.: *See*—
Davis, John H., Matthews, and McLean.

Matthews, W. U. Corporation, assignee: *See*—
Mosley, Carl E.

Matthews, William A., Valley Stream, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Pneumatically controlled automatic pilot. 2,400,126; May 14.

Matthysse, Irving F., New York, N. Y., assignor to Burndy Engineering Company, Inc. Rotatable bus support clamp. 2,407,961; Sept. 17.

Mattin, Harry E., Brooklyn, N. Y., and L. G. M. Timpson, Plainfield, N. J., assignors to The Mearl Corporation, New York, N. Y. Oxidizing foam solution and using the same. 2,392,936; Jan. 15.

Mattoon, Charles H., Kalamazoo, Mich. Sanding apparatus for road vehicles. 2,405,970; Aug. 20.

Mattox, William J.: *See*—
Grosse, Aristid V., and Mattox.

Mattox, William J., assignor to Universal Oil Products Company, Chicago, Ill. Production of butadiene. 2,395,058; Feb. 19.

Mattox, William J., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Producing aromatics. 2,399,751; May 7.

Mattox, William J., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Manufacture of cyclic hydrocarbons. 2,404,914; July 30.

Mattox, William J., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Dealkylation of alkyl cyclic compounds. 2,411,799; Nov. 26.

Mattson, Leslie N., Paulsboro, N. J. Combination switch and light control for floor lamps. 2,408,669; Oct. 1.

Matuszak, Maryan P., Bartlesville, Okla., assignor to Phillips Petroleum Company. Apparatus for mixing fluids. 2,392,542; Jan. 8.

Matuszak, Maryan P., Bartlesville, Okla., assignor to Phillips Petroleum Company. Producing diolefins. 2,394,625; Feb. 12.

Matuszak, Maryan P., Bartlesville, Okla., assignor to Phillips Petroleum Company. Catalytic alkylation process. 2,394,929; Feb. 12.

Matuszak, Maryan P., Bartlesville, Okla., assignor to Phillips Petroleum Company. Production of paraffins. 2,399,368; Apr. 30.

Matuszak, Maryan P., Bartlesville, Okla., and G. H. Morey, Terre Haute, Ind., assignors to Phillips Petroleum Company. Desulphurization proces. 2,399,496; Apr. 30.

Matuszak, Maryan P., Bartlesville, Okla., assignor to Phillips Petroleum Company. Isomerization of olefinic hydrocarbons. 2,403,671; July 9.

Matuszak, Maryan P., Bartlesville, Okla., assignor to Phillips Petroleum Company. Separation of olefins. 2,403,672; July 9.

Matuszak, Maryan P., Bartlesville, Okla., assignor to Phillips Petroleum Company. Flowmeter. 2,405,704; Aug. 13.

Matuszak, Maryan P., Bartlesville, Okla., assignor to Phillips Petroleum Company. Treatment of aromatic hydrocarbon materials. 2,408,173; Sept. 24.

Matuszak, Maryan P., Bartlesville, Okla., and G. H. Morey, Terre Haute, Ind., assignors to Phillips Petroleum Company. Catalytic process. 2,408,987; Oct. 8.

Matuszak, Maryan P., Bartlesville, Okla., assignor to Phillips Petroleum Company. Removal of organic fluorine. 2,409,372; Oct. 15.

Mauch, Willy, Bridgeport, Conn., assignor to Burner-Ritter, Inc., New York, N. Y. Tool holder. 2,408,567; Oct. 1.

Mauger, Arthur J., Gary, Ind., and A. H. Ward, Mount Lebanon, Pa. Galvanizing. 2,405,592; Aug. 13.

Maui Pineapple Company, Ltd., assignee: *See*—
Butler, Bernard J.

Mauler, Harry J., assignee: *See*—
Lindsey, Roy B., and Frock.

Maulsby, Leon K., and J. A. McGrann, San Antonio, Tex.; said McGrann assignor to said Maulsby. Nut cracking machine. Re. 22,707; Oct. 1.

Maurer, Anton A., assignor to Norcor Manufacturing Company, Inc., Green Bay, Wis. Folding chair. 2,406,305; Aug. 20.

Maurer, Gottfried, Zurich, assignor to Wilhelm Fischer-Sueffert, Basel, Switzerland. Machine for gluing laths together. 2,409,777; Oct. 22.

Maurer, J. A., Inc., assignee: *See*—
Maurer, John A., Jr.

Maurer, John A., Jr., assignor to J. A. Maurer, Inc., New York, N. Y. Optical system. 2,397,027; Mar. 19.

Maurer, John A., Jr., assignor to J. A. Maurer, Inc., New York, N. Y. Method of and means for recording electrical impulses and record produced thereby. 2,404,137; July 16.

Maurer, Le Roy F., Buffalo, and J. C. Trotter, Williamsville, assignors to Bell Aircraft Corporation, Buffalo, N. Y. Ordnance. 2,394,462; Feb. 5.

Maurette, René G.: *See*—
Kilduff, John W., and Maurette.

Mauro, Oswald G.: *See*—
Dona, Eddie M., and Mauro.

Maury, Greenhow, Jr.: *See*—
Johnston, Greenhow.

Maury, Greenhow, Jr., Richmond, Va. Gun seat. 2,393,257; Jan. 22.

Mautner, Oscar, Crestwood, and M. K. Lebworth, New York, N. Y. Gameboard device. 2,409,373; Oct. 15.

Mavco, Inc., assignee: *See*—
Beveridge, James M., and Cowan.

Mavity, Julian M., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Separation of polynuclear from mononuclear aromatics. 2,395,491; Feb. 26.

Mavity, Julian M., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 2,406,622; Aug. 27.

Mavity, Julian M., and W. E. Moss, assignors to Universal Oil Products Company, Chicago, Ill. Production of isoparaffins. 2,408,941; Oct. 8.

Mawen Motor Corporation, assignee: *See*—
Meyer, André J.

Maxey, Robert E. L., Akron, Ohio. Highway traffic post. 2,410,228; Oct. 29.

Maxim, Lloyd, Leominster, Mass. Knife rack for silverware chests. 2,412,410; Dec. 10.

Maxim Silencer Company, The, assignee: *See*—
Saco, Felix, Jr., and Williamson.
Tyskewicz, John P.
Williamson, William R.

Maxim, William D., Glens Falls, and E. Hutchins, Corinth, N. Y., assignors to International Paper Company. Coating apparatus. 2,406,470; Aug. 27.

Maximoff, Alessandro, Milan, Italy; vested in the Alien Property Custodian. Synthetic rubber and its manufacture. 2,404,392; July 23.

Maxson Automatic Machinery Company, assignee: *See*—
Matthews, Louis L.

Maxson, Clarence G., assignor to Ritter Company, Inc., Rochester, N. Y. Head rest for chairs. 2,403,537; July 9.

Maxson, Lisle J., U. S. Navy, and F. B. Gross, Langley, Va. Screw type catapult. 2,402,654; June 25.

Maxson, Louis A., Claremont, N. H., assignor to Joy Manufacturing Company. Controlling mechanism. 2,407,088; Sept. 3.

Maxson, Louis A., Clearmont, N. H., assignor to Joy Manufacturing Company. Cabin pressure controlling mechanism. 2,413,027; Dec. 24.

Maxson, W. L., Corporation, The, assignee: *See*—
Arcularius, Charles.
Black, William A.
Dinga, Emil W.
Kellogg, Donald S.
Maxson, William L., Lutz, McLaren, and Fedotoff.

Maxson, Walter L., Milwaukee, Wis., J. A. Fagnant, Salt Lake City, Utah, and E. H. Baxa, assignors to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Air swept ball mill. 2,399,051; Apr. 23.

Maxson, William L., South Orange, N. J., and F. W. Lutz, Garden City, P. J. McLaren, New York, and N. V. Fedotoff, Lynbrook, N. Y., assignors, by mesne assignments, to The W. L. Maxson Corporation, New York, N. Y. Method and apparatus for controlling moving vehicles. 2,397,476; Apr. 2.

Maxwell, Albert A. F., assignee: *See*—
Ramage, Alexander S.

Maxwell, Carl A., Akron, Ohio, assignor to The Babcock & Wilcox Company, Rockleigh, N. J. Tube expanding. 2,409,219; Oct. 15.

Maxwell, Carl R.: *See*—
Johnson, Lloyd E., and Maxwell.
Rosen, Carl G. A., and Maxwell.

Maxwell, Charles S., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Colloidally dispersed dimethylol urea resins. 2,407,376 Sept. 10.

Maxwell, Frank R., Malden, Mass. Attachment chuck. 2,407,932; Sept. 17.

Maxwell & Hitchcock, assignee: *See*—
Maxwell, Homer B., and Edwards.

Maxwell, Homer B., East Point, and W. E. Edwards, Jr., Avondale Estates, assignors to Maxwell & Hitchcock, Atlanta, Ga. Metallic clip for connecting and reinforcing joints in wood structures. 2,413,362; Dec. 31.

Maxwell, Howard, Schenectady, N. Y., assignor to General Electric Company. Dynamoelectric machine. 2,396,738; Mar. 19.

May & Baker Limited, assignee: *See*—
Ewins, Arthur J.
Newbery, George, and Easson.

May, Everette L.: *See*—
Price, Donald, and May.

May, Frank H., assignor to American Potash & Chemical Corporation, Trona, Calif. Recovering carbon dioxide from gases. 2,395,564; Feb. 26.

May, Frank H., assignor to American Potash & Chemical Corporation, Trona, Calif. Extracting carbon dioxide from gases. 2,395,565; Feb. 26.

May, Frank H., assignor to American Potash & Chemical Corporation, Trona, Calif. Manufacturing potassium pentaborate. 2,395,566; Feb. 26.

May, Frank H., and H. B. Suhr, assignors to American Potash & Chemical Corporation, Trona, Calif. Manufacturing potassium tetraborate. 2,395,567; Feb. 26.

May, Harmon D., Jayton, Tex. Earth working and cultivating machine. 2,405,796; Aug. 13.

May, Harry C., East McKeesport, and G. T. McClure, McKeesport, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Control apparatus. 2,404,512; July 23.

May, Henry E., Chicago, Ill. Locomotive boiler firebox. 2,410,513; Nov. 5.

May, John W.: *See*—
Lindstrom, Ture, and May.
Tong, Christopher P., and May.

May, John W., Durham, N. C., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Breaker mechanism. 2,393,049; Jan. 15.

May Oil Burner Corporation, assignee: *See*—
Beach, Ralph H.

May, Richard W., Cedar Rapids, Iowa, assignor to Collins Radio Company. Shaft positioning apparatus. 2,396,714; Mar. 19.

May, Robert L., Chicago, Ill., assignor to Sinclair Refining Company, New York, N. Y. Lubricant. 2,392,252; Jan. 1.

May, Robert L., Chicago, Ill., assignor to Sinclair Refining Company, New York, N. Y. Lubricant. 2,392,253; Jan. 1.

May, Robert L., Chicago, Ill., assignor to Sinclair Refining Company, New York, N. Y. Esterification of salicylic acid. 2,397,498; Apr. 2.

May, Robert L., Chicago, Ill., assignor to Sinclair Refining Company, New York, N. Y. Lubricating oil. 2,409,877; Oct. 22.

May, Robert L., Chicago, Ill., assignor to Sinclair Refining Company, New York, N. Y. Lubricating oil. 2,409,878; Oct. 22.

May, William F., Maywood, Ill., assignor to American Can Company, New York, N. Y. Coating material for lining cans. 2,395,894; Mar. 5.

May, William F., Maywood, Ill., assignor to American Can Company, New York, N. Y. Preparing coating composition. 2,395,895; Mar. 5.

Maybarduk, Leon A., Forest Hills, W. W. Mieher, Mineola, S. J. Zand, Forest Hills, and G. E. White, Hempstead, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Scanning device. 2,410,831; Nov. 12.

Mayberry, Walter R., Zanesville, Ohio, assignor to Line Material Company, South Milwaukee, Wis. Three-phase transformer. 2,401,952; June 11.

Mayer, Alvin L., Cincinnati, Ohio. Apparatus for developing exposed photographic prints. 2,404,138; July 16.

Mayer, Elmer L.: *See*—
Woodward, Charles F., Talley, Mayer, and Beinhart.

Mayer, Hans: *See*—
Straub, Fritz, Brassel, and Mayer.

Mayer, Harry F., Schenectady, N. Y., assignor to General Electric Company. Frequency modulation transmitter. 2,394,393; Feb. 5.

Mayer, Joseph A., Petaluma, Calif. Combination hand saw and try square. 2,400,311; May 14.

Mayer, Julius, Forest Hills, N. Y. Garment display form. 2,412,900; Dec. 17.

Mayer, Louis T., assignor to No-Sag Spring Company, Detroit, Mich. Soft-edge construction. 2,392,254; Jan. 1.

Mayer, Michael, Cleveland, Ohio. Cigarette and safety match holder. 2,412,464; Dec. 10.

Mayer, Waldemar F., assignor to The Garrett Corporation, Airesearch Manufacturing Company Division, Los Angeles, Calif. Air conditioner for aircraft cabins. 2,398,655; Apr. 16.

Mayes, Frank D., Atlanta, Ga. Aerial bomb. 2,402,335; June 18.

Mayhew, Clarence P., Duluth, Minn. Perforating rule. 2,401,310; June 4.

Mayhew, Philip L., Modesto, Calif. Perpetual calendar. 2,397,877; Apr. 2.

Maybugh, Joel W., Pine Bluff, Ark. Combined ironing board and stepladder. 2,401,311; June 4.

Mayland, Bertrand J., Bartlesville, Okla., assignor to Phillips Petroleum Company. Furfural recovery. 2,412,823; Dec. 17.

Mayland, Harrison C., assignor to Universal Oil Products Company, Chicago, Ill. Alkylation of paraffin hydrocarbons. 2,404,893; July 23.

Mayle, Louis F., Fort Wayne, Ind., assignor to Farnsworth Television and Radio Corporation. Television signal generator. 2,401,010; May 28.

Mayle, Louis F., Fort Wayne, Ind., assignor to Farnsworth Television and Radio Corporation. Electronic timer. 2,412,092; Dec. 3.

Maynard, John E.: *See*—
Gardiner, Paul C., and Maynard.

Maynard, Thomas V.: *See*—
Gay, Harry S., and Maynard.

Mayne, William A.: *See*—
Ponomareff, Alexander I., and Mayne.

Mayne, William Harry, assignor to O. S. Petty, San Antonio, 6, Tex. Seismic surveying. 2,400,245; May 14.

Maynes, Emma C., assignee: *See*—
Maynes, Hyla F.

Maynes, Hyla F., Menands, N. Y., assignor of one-half to E. C. Maynes. Amusement apparatus. 2,395,678; Feb. 26.

Maynes, Hyla F., assignor of one-half to E. C. Maynes, North Tonawanda, N. Y. Fishing reel. 2,399,132; Apr. 23.

Mayo, Robert D., Flint, Mich. Auxiliary gasoline container. 2,405,442; Aug. 6.

Mayrath, Robert L., Dodge City, Kans. Automatic altitude control device. 2,405,228; Aug. 6.

Maysilles, Lynn C.: *See*—
Kerezi, Joseph, and Maysilles.

Maytag Company, The, assignee: *See*—
Smith, Thomas R.

Maytag, Daniel C., Laurel, Iowa. Electric welding apparatus. 2,405,510; Aug. 6.

Maywood Chemical Works, assignee: *See*—
Steiger, Leonard W.

Mazarella, Richard L., assignee: *See*—
Hardy, Charles W.

Mazza, Joseph: *See*—
Desimone, Anthony J., and Mazza.

Mazzarisi, Vito, Clifton, N. J. Toaster. 2,408,263; Sept. 24.

Mazzucchelli, Arthur P., Bloomfield, N. J., assignor to Bakelite Corporation. Oil-modified resin composition. 2,413,412; Dec. 31.

McAdam, Robert M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of stable titanium solutions. 2,413,640; Dec. 31.

McAdam, Robert M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of stable titanium solutions. 2,413,641; Dec. 31.

McAfee, Jerry, Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Contacting fluids with solids. 2,394,710; Feb. 12.

McAlevy, Ambrose, Kennett Square, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Halogenated polyethylene. 2,405,971; Aug. 20.

McAllister, Sumner H.: *See*—
Anderson, John, Bullard, and McAllister.
Bullard, Edwin F., Anderson, and McAllister.

McAllister, Sumner H., Lafayette, and J. Anderson and W. E. Ross, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Alkylation of isoparaffins with olefines. 2,399,240. Apr. 30.

McAllister, Sumner H., Lafayette, and N. E. Peery, assignors to Shell Development Company, San Francisco, Calif. Production of a blending fuel. 2,394,797; Feb. 12.

McAllister, Sumner H., Lafayette, and J. Anderson and W. E. Ross, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Catalytic processes. 2,403,107; July 2.

McAlpine, Charles H., Hamburg, Pa. Blood pressure testing apparatus. 2,405,265; Aug. 6.

McAlpine, Thomas: *See*—
Hillier, Harold, and McAlpine.

McAndrews, John J., Hempstead, N. Y. Evaporator. 2,392,255; Jan. 1.

McArdle, Edward H., Linden, and A. E. Robertson, Roselle, N. J., assignors to Standard Oil Development Company. Organic cementing solutions. 2,399,558; Apr. 30.

McArthur, Elmer D., Schenectady, N. Y., assignor to General Electric Company. Magnetron. 2,412,824; Dec. 17.

McArthur, Graham S., Portland, Oreg. Gun. 2,397,800; Apr. 2.

McArthur, Warren, Bantam, Conn., assignor, by mesne assignments, to Reconstruction Finance Corporation, New York, N. Y. Folding vehicle seat. 2,397,322; Mar. 26.

McArthur, Warren, Bantam, Conn., assignor, by mesne assignments, to Reconstruction Finance Corporation, New York, N. Y. Seat. 2,400,588; May 21.

McArthur, Warren, Bantam, Conn., assignor, by mesne assignments, to Reconstruction Finance Corporation, New York, N. Y. Reel. 2,400,589; May 21.

McAteer, James H.: *See*—
Morrell, Charles E., Small, and McAteer.
McAuley, Gerald P., Detroit, Mich. Gun holster. 2,401,174; May 28.
McAuliffe, Patrick, New York, N. Y. Horse control. 2,392,053; Jan. 1.
McBean, Douglas M., Rochester, N. Y. Blanching food products. 2,403,871; July 9.
McBean, Douglas M., Rochester, assignor to Beech-Nut Packing Company, Canajoharie, N. Y. Coffee bin. 2,406,886; Sept. 3.
McBee Company, The, assignee: *See*—
Karbach, Arthur P., Jr., and Evans.
Welk, Nelson S.
McBerty, Frank R., Mansfield, assignor to The North Electric Manufacturing Company, Galion, Ohio. Relay construction. 2,396,332; Mar. 12.
McBerty, Frank R., Mansfield, assignor to The North Electric Manufacturing Company, Galion, Ohio. Relay construction. 2,409,054; Oct. 8.
McBeth, Freeman M., Harrisburg, Pa. Drying apparatus. 2,395,933; Mar. 5.
McBride, Charles B.: *See*—
Watson, John E., Whiton, and McBride.
Whiton, Louis C., Watson, and McBride.
McBride, George A., Barrington, assignor to Infilco Incorporated, Chicago, Ill. Purification of sugar juice. 2,405,315; Aug. 6.
McBride, John W., Burbank, Calif. Stringed musical instrument. 2,405,316; Aug. 6.
McBride, Lewis M., U. S. Army. Clinometer. 2,411,165; Nov. 19.
McBride, Maurice G., Enfield, Middlesex, England, assignor to Sangamo Electric Company, Springfield, Ill. Electrical ratiometer. 2,406,887; Sept. 3.
McBride, Thomas C., Philadelphia, Pa., assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Lubricator. 2,407,841; Sept. 17.
McBrien, Roger W., Alton, Ill. Light circuit alarm system. 2,397,028; Mar. 19.
McCabe, Alfred H., deceased; L. M. McCabe, executrix, assignor to A. A., F. C., and F. H. McCabe, a partnership doing business as McCabe Manufacturing Company, Lawrence, Mass. Flanging machine. 2,394,193; Feb. 5.
McCabe, Annie A., assignee, et al.: *See*—
McCabe, Alfred H.
McCabe, Bernard L., Daly City, Calif., assignor to Stuart Oxygen Co. Gas cylinder holder. 2,404,513; July 23.
McCabe, Francis H., assignee, et al.: *See*—
McCabe, Alfred H.
McCabe, Frederick C., assignee, et al.: *See*—
McCabe, Alfred H.
McCabe, Ira E., Chicago, Ill. Valve construction. 2,410,546; Nov. 5.
McCabe, Laurette M., executrix: *See*—
McCabe, Alfred H.
McCabe Manufacturing Company: *See*—
McCabe, Alfred H.
McCaffrey, Charles L., assignor of one-half to A. J. Kirby, Nashville, Tenn. Yard refuse collector. 2,409,778; Oct. 22.
McCaffrey, Marion P., assignee: *See*—
Ruddock, William.
McCaffrey, Marion P., assignee, et al.: *See*—
Meili, Gottfried.
McCain, Cecil C., Glen Ellyn, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Article working apparatus. 2,398,906; Apr. 23.
McCain, Cecil C., Glen Ellyn, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for handling articles. 2,399,052; Apr. 23.
McCain, Cecil C., Glen Ellyn, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Working an article. 2,401,362; June 4.
McCain, Cecil C., Glen Ellyn, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Lapping machine. 2,401,953; June 11.
McCallick, William P., assignor of fifteen per cent to E. M. Ruiz, El Paso, Tex. Railway car wheel truck. 2,404,310; July 16.
McCallion, Hugh E., Roseville, Mich. Internal-combustion engine. 2,401,262; May 28.
McCann, Alexander C., Kearny, and T. E. Walsh, Bayonne, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Welding apparatus. 2,394,626; Feb. 12.
McCann, John J., Lowell, Mass. Making helmet ear muffs. 2,409,055; Oct. 8.
McCann, Thomas A., Arlington, Va., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Pulse generating system and its use in signal transmission systems. 2,403,009; July 2.
McCann, Thomas A., Denville, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Key tape device for enciphering telegraph signals. 2,406,024; Aug. 20.
McCanne, Jack F.: *See*—
Kinnear, Reginald A., Chamberlain, McCanne, Fails, and Gordon.
McCarroll, Russell H.: *See*—
Doering, Justus H., and McCarroll.
Ford, Henry, Sorensen, and McCarroll.
McCarter, John J.: *See*—
Bennett, James B., and McCarter.
McCarter, Robert W., Pittsburgh, Pa. Torpedo protector for ships. 2,398,753; Apr. 16.
McCarthy, Daniel J., assignee: *See*—
Donle, Harold P.
McCarthy, Fred I., assignee: *See*—
Peters, Melville F., and Beal.
McCarthy, Frederick I., Forest Hills, and C. Schandler, New York, N. Y. Spark plug. 2,394,865; Feb. 12.
McCarthy, Harry, Kewanee, Ill., assignor to Walworth Patents, Inc., Boston, Mass. Handwheel attaching means. 2,406,957; Sept. 3.
McCarthy, Henry J., Danvers, Mass., assignor to Sylvania Electric Products Inc. Fluorescent electric lamp. 2,392,753; Jan. 8.
McCarthy, Henry J., Danvers, assignor to Sylvania Electric Products Inc., Salem, Mass. Lamp socket. 2,407,567; Sept. 10.
McCarthy, Henry J., Danvers, assignor to Sylvania Electric Products, Inc., Salem, Mass. Thermal relay for fluorescent lamps. 2,413,363; Dec. 31.
McCarthy, Henry J., Danvers, assignor to Sylvania Electric Products Inc., Salem, Mass. Ultra high frequency oscillator. 2,413,364; Dec. 31.
McCarthy, Louise E., Flushing, N. Y. Maternity garment. 2,407,340; Sept. 10.
McCarthy, Patrick J., Los Angeles, Calif. Tool and tool-serving means for working on seams between planks. 2,394,088; Feb. 5.
McCarthy, Raymond T., Holyoke, Mass. Winding mechanism. 2,403,538; July 9.
McCarthy, Robert E., Bakersfield, and E. A. Bender, Long Beach, Calif. Portable derrick. 2,413,149; Dec. 24.
McCarthy, Timothy F., Indiana, Pa. Scraper loader apparatus. 2,403,817; July 9.
McCarthy, Vincent J., Youngstown, assignor to The Salem Tool Company, Salem, Ohio. Earth drilling machine. 2,394,194; Feb. 5.
McCarty, Lourdes V., assignor to Automatic Products Company, Milwaukee, Wis. Shutoff for constant level control devices. 2,401,312; June 4.
McCaslin, Stanley N., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Warp beam. 2,393,649; Jan. 29.
McCaslin, Stanley N., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Warp beam. 2,394,463; Feb. 5.
McCauley, Halpin E., Cliff, N. Mex. Combination bulldozer and ripper. 2,396,739; Mar. 19.
McCauley, Roy B., Chicago Heights, Ill. Hard alloys. 2,402,424; June 18.
McChesney, Cuyler S., Kenmore, assignor to Dunlop Tire and Rubber Corporation, Buffalo, N. Y. Tire ply turning mechanism. 2,394,318; Feb. 5.
McChesney, Cuyler S., Kenmore, assignor to Dunlop Tire and Rubber Corporation, Buffalo, N. Y. Tire building machine. 2,394,464; Feb. 5.
McChesney, Cuyler S., Kenmore, assignor to Dunlop Tire and Rubber Corporation, Buffalo, N. Y. Apparatus for placing beads on tire carcasses. 2,394,465; Feb. 5.
McChesney, Cuyler S., Kenmore, assignor to Dunlop Tire and Rubber Corporation, Buffalo, N. Y. Tire ply turn down mechanism. 2,396,186; Mar. 5.
McChesney, Cuyler S., Kenmore, assignor to Dunlop Tire and Rubber Corporation, Buffalo, N. Y. Automatic tire stitching machine. 2,404,449; July 23.
McClain, Clifford H., Lansdowne, Pa., assignor to Hoffman Specialty Co., Indianapolis, Ind. Temperature controller. 2,404,597; July 23.
McClain, Edward F., Jr., Washington, D. C. Automatic frequency control circuit. 2,403,011; July 2.
McClain, Herbert K., Wyoming, Ohio, assignor to The Procter and Gamble Company, Ivorydale, Ohio. Soap composition. 2,409,056; Oct. 8.
McClain, Hugh F., Long Beach, Calif. Portable self-propelled scaffold. 2,398,949; Apr. 23.
McClain, Hugh F., Long Beach, Calif. Docking device. 2,401,878; June 11.
McClain, Joseph W., Schenectady, N. Y., assignor to General Electric Company. Shockproof switch. 2,411,447; Nov. 19.
McClain, Waite, Canton, Ohio. Rivet sorting machine. 2,409,440; Oct. 15.
McClaran, John W., U. S. Navy. Strip cipher device. 2,403,736; July 9.
McClathchie, John M., Middletown, assignor to The Borden Company, New York, N. Y. Soldering machine. 2,403,943; July 16.
McCleary, Ray L., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of titanium compounds. 2,410,119; Oct. 29.
McCleary, Rush F.: *See*—
Morris, John R., and McCleary.
McCleary, Rush F., Beacon, assignor to The Texas Company, New York, N. Y. Lubricating composition. 2,402,969; July 2.
McCleary, Rush F., Beacon, assignor to The Texas Company, New York, N. Y. Lubricants. 2,409,296; Oct. 15.

McClellan, Raymond H.: *See*—
Linden, Carl E., and McClellan.
McClellan, William R., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Nylon filaments. 2,412,054; Dec. 3.
McClintock, Walter O.: *See*—
Holland, William D., Berry, and McClintock.
McClune, Henry C., Santa Ana, Calif. Table top and card holder. 2,394,866; Feb. 12.
McClure, Chauncey H., assignor of one-half to I. Davidoff, Milwaukee, Wis. Low voltage flasher. 2,408,568; Oct. 1.
McClure, Fred B., assignor of one-fourth to W. L. Stroup, Moundsville, W. Va. Driving axle for motor vehicles. 2,408,264; Sept. 24.
McClure, Glenn T.: *See*—
May, Harry C., and McClure.
McClure, Glenn T., McKeesport, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Variable load brake. 2,396,431; Mar. 12.
McClure, Glenn T., McKeesport, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Control apparatus. 2,396,432; Mar. 12.
McClure, Glenn T., McKeesport, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Valve device. 2,404,514; July 23.
McClure, Glenn T., McKeesport, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Protection valve device. 2,407,890; Sept. 17.
McClure, Laurence H., Jr., West Hartford, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Sear release mechanism. 2,404,881; July 30.
McClure, Ralston H., Detroit, Mich. Vehicle jack. 2,401,787; June 11.
McCollister, William H., Akron, Ohio, assignor to The Firestone Tire & Rubber Company. Tire removing tool. 2,404,583; July 23.
McCollum, Henry J. De N., Chicago, Ill.; T. McCollum, executrix of said H. J. De N. McCollum, deceased. Electrical generating apparatus. 2,391,994; Jan. 1.
McCollum, Henry D., deceased, Chicago, Ill.; T. McCollum, executrix. Heating apparatus. 2,393,792; Jan. 29.
McCollum, Henry J. De N., deceased, Chicago, Ill.; T. McCollum, executrix. Aircraft heating system. 2,395,416; Feb. 26.
McCollum, Henry J. De N., deceased, Chicago, Ill.; T. McCollum, executrix. Aircraft heating apparatus. 2,395,417; Feb. 26.
McCollum, Henry J. De N., deceased, Chicago, Ill.; T. McCollum, executrix. Heater. 2,395,418; Feb. 26.
McCollum Henry J. De N., deceased, Chicago, Ill.; T. McCollum, executrix. Heater. 2,395,568; Feb. 26.
McCollum, Henry J. De N., Chicago, Ill., deceased, Thelma McCollum, executrix. Heating system for aircraft. 2,396,740; Mar. 19.
McCollum, Henry J. De N., Chicago, Ill., deceased, Thelma McCollum, executrix. Liquid fuel combustion apparatus 2,396,868; Mar. 19.
McCollum, Henry J. De N., deceased, Chicago, Ill.; T. McCollum, executrix. Heater. 2,398,106; Apr. 9.
McCollum, Henry J. D., deceased, Chicago, Ill.; T. McCollum, executrix. Gas detection apparatus. 2,400,940; May 28.
McCollum, Henry J. De N., deceased, Chicago, Ill.; T. McCollum, executrix. Incendiary bomb. 2,401,788; June 11.
McCollum, Henry J. De N., deceased, Chicago, Ill.; T. McCollum, executrix. Heater. 2,402,970; July 2.
McCollum, Henry J. De N., deceased, Chicago, Ill.; T. McCollum, executrix. Burner. 2,402,971; July 2.
McCollum, Henry J. De N., deceased, Chicago, Ill.; T. McCollum, executrix. Heating apparatus. 2,403,188; July 2.
McCollum, Henry J. De N., deceased, Chicago, Ill.; T. McCollum, executrix. Heater. 2,403,189; July 2.
McCollum, Henry J. De N., deceased, Chicago, Ill.; T. McCollum, executrix. Heater. 2,404,646; July 23.
McCollum, Henry J. De N., deceased, Chicago, Ill.; T. McCollum, executrix. Heater. 2,405,317; Aug. 6.
McCollum, Henry J. D., deceased, Chicago, Ill.; T. McCollum, executrix. Utilizing radiant heat in aircraft. 2,408,867; Oct. 8.
McCollum, Henry J. De N., deceased, Chicago, Ill.; Thelma McCollum, executrix. Heater. 2,410,353; Oct. 29.
McCollum, Henry J. De N., deceased, Chicago, Ill.; T. McCollum, executrix. Heating apparatus. 2,410,547; Nov. 5.
McCollum, Henry J. De N., deceased, Chicago, Ill.; T. McCollum, executrix. Heating apparatus. 2,410,548; Nov. 5.
McCollum, Henry J. D., deceased; T. McCollum, executrix, assignor to Stewart-Warner Corporation, Chicago, Ill. Fuel supply system. 2,411,581; Nov. 26.
McCollum, Henry J. D., deceased; T. McCollum, executrix, assignor to Stewart-Warner Corporation, Chicago, Ill. Heater. 2,411,663; Nov. 26.
McCollum, Henry J. D., deceased, T. McCollum, executrix, assignor to Stewart-Warner Corporation, Chicago, Ill. Jet propulsion apparatus. 2,412,825; Dec. 17.
McCollum, Henry J. De N., deceased, Chicago, and L. A. Williams, Jr., Northfield, said Williams assignor to Stewart-Warner Corporation, Chicago, Ill.; Thelma McCollum, executrix. Heating apparatus. 2,394,627; Feb. 12.
McCollum, Henry J. De N., deceased, T. McCollum, executrix; and L. A. Williams, Jr.; said Williams assignor to Stewart-Warner Corporation, Chicago, Ill. Heating apparatus. 2,404,647; July 23.
McCollum, Thelma, executrix: *See*—
McCollum, Henry J. D.
McCollum, Thelma, executrix, assignee.: *See*—
McCollum, Henry J. De N.
McCombs, Charles C., Dallas, Tex. Evaporative cooling attachment for fans. 2,396,741; Mar. 19.
McConnell, Andrew J., Albany, N. Y., assignor to General Electric Company. Protective system. 2,394,089; Feb. 5.
McCord, Andrew T., and H. F. Saunders, Haddonfield, N. J., assignors to The Sherwin-Williams Company, Cleveland, Ohio. Magnesium-titanium-oxygen compounds and methods of preparing the same. 2,403,228; July 2.
McCord Corporation, assignee: *See*—
Gardes, Alfred W.
McCormack, Alex A., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,405,042; July 30.
McCormick, Elmer, assignor to John Deere Tractor Company, Waterloo, Iowa. Crankcase ventilating system. 2,410,514; Nov. 5.
McCormick, Francis H., assignor to General Motors Corporation, Dayton, Ohio. Domestic appliance. 2,404,139; July 16.
McCoshen, Guy W., Orange, N. J. Triangle-octant. 2,412,901; Dec. 17.
McCoy, Abram A., Boulder, and G. L. Neumann, Denver, Colo., assignors to Remington Arms Company, Inc., Bridgeport, Conn. Device for separating improperly oriented articles. 2,398,320; Apr. 9.
McCoy, Clarence E., Western Springs, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Molding apparatus. 2,409,142; Oct. 8.
McCoy, Elizabeth F., assignor to Wisconsin Alumni Research Foundation, Madison, Wis. Production of butyl alcohol and acetone by fermentation. 2,398,837; Apr. 23.
McCoy, George E.: *See*—
Battley, Edwin R., and McCoy.
McCoy, Howard M., Fairfield, Ohio. Differential speed responsive device. 2,399,685; May 7.
McCoy, Howard M., Patterson Field, Ohio. Engine synchronizer. 2,413,028; Dec. 24.
McCoy, Julius C.: *See*—
Kannenberg, Walter F., and McCoy.
McCoy, Lowell R., Detroit, assignor to Wyandotte Chemicals Corporation, Wyandotte, Mich. Cleaning composition for aluminum and aluminum alloys. 2,413,365; Dec. 31.
McCoy, Orlando Z., assignee, et al.: *See*—
Bellows, Warren S.
McCoy, Paul E.: *See*—
Watts, Vilas E., and McCoy.
McCoy, Paul E., assignor to American Bitumuls Company, San Francisco, Calif. Coating aggregate with asphalt emulsions. 2,412,526; Dec. 10.
McCoy, Phillip W.: *See*—
Higley, Frank R., and McCoy.
McCoy, Rawley D., Bronxville, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Limit stop. 2,397,557; Apr. 2.
McCoy, Robert E.: *See*—
Cole, Eugene, and McCoy.
McCoy, Robert G., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Winding machine. 2,393,548; Jan. 22.
McCoy, Robert L., Baltimore, Md., assignor to Locke Insulator Corporation. Porcelain pipe. 2,406,235; Aug. 20.
McCoy, Thomas C., San Antonio, Tex. Combination ladder. 2,395,637; Feb. 26.
McCracken, James D.: *See*—
Zieboiz, Herbert, McCracken, and Gundersen.
McCracken, James D., assignor to Askania Regulator Company, Chicago, Ill. Apparatus for steam generator control. 2,412,739; Dec. 17.
McCracken, John H.: *See*—
Nygaard, Edwin M., McCracken, and Hamilton.
McCrary, Pierce R., Washington, D. C. Nonskid tire. 2,400,428; May 14.
McCray, Joseph R., South Bend, Ind. Adjustable wagon handle. 2,394,248; Feb. 5.
McCreary, Byram L., assignee, et al.: *See*—
Gearhart, Roy E.
McCreary, Richard B., assignee, et al.: *See*—
Gearhart, Roy E.
McCreery, Cecil W.: *See*—
Ferguson, John E., and McCreery.
McCreery, Cecil W., Muncie, assignor to Owens-Illinois Glass Company. Press molding machine. 2,393,549; Jan. 22.
McCrone, Walter C. Ithaca, N. Y. Compositions of matter. 2,393,999; Feb. 5.

McCrum, Arthur C., Kansas City, Mo. Producing prescription. 2,405,972; Aug. 20.
McCulloch Aviation, Inc., assignee: *See*—
Ryde, John L.
McCulloch, John A., and N. R. Slasor, assignors to Manitoba Bridge & Iron Works Limited, Winnepeg, Manitoba, Canada. Weigh beam assembly. 2,407,435; Sept. 10.
McCulloch, Robert P., and J. L. Ryde, Milwaukee, Wis., assignors to B-W Superchargers, Inc. Rotary blower. 2,393,116; Jan. 15.
McCulloch, Thomas B., Baytown, Tex., assignor to Standard Oil Development Company. Catalytic conversion process. 2,404,080; July 16.
McCulloch, Thomas B., Baytown, Tex., assignor to Standard Oil Development Company. Aviation fuel. 2,411,582; Nov. 26.
McCullough, Campbell R.: *See*—
Hubbard, Findley E., and McCullough.
McCullough, Campbell R., and W. H. Gehrke, Dayton, Ohio, assignor to Monsanto Chemical Company. Process for producing styrene. 2,392,289; Jan. 1.
McCullough, Jack A.: *See*—
Eitel, William W., and McCullough.
McCullough, Jack A., Millbrae, assignor to Eitel-McCullough, Inc., San Bruno, Calif. External anode. 2,399,752; May 7.
McCullough, Otis J., assignor to McCullough Tool Company, Houston, Tex. Pipe releasing device. 2,407,991; Sept. 24.
McCullough, Paul J., assignor to J. Pavelka, St. Louis, Mo. Bread toaster structure. 2,404,915; July 30.
McCullough, Paul J., and C. H. Steuber, assignors to J. Pavelka, St. Louis, Mo. Automatic toaster. 2,404,976; July 30.
McCullough Tool Company, assignee: *See*—
McCullough, Otis J.
McCully, Frank D., Joseph, Oreg. Electric soldering iron. 2,396,799; Mar. 19.
McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Control valve device. 2,398,907; Apr. 23.
McCurdy, E. D., trustee, assignee: *See*—
Davis, Walwin L.
McCurdy, Gordon W., Radford, Va., assignor to Hercules Powder Company, Wilmington, Del. Preparing pentolite. 2,395,341; Feb. 19.
McCurdy, William H., Caldwell, N. J., and J. A. Hutcheson, Baltimore, Md., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Device for radiation of radio waves. 2,413,187; Dec. 24.
McCurrach, James C., Brooklyn, N. Y. Screen printing of necktie fabrics. 2,400,700; May 21.
McCutchan, George L., assignor to Rome Cable Corporation, Rome, N. Y. Shielded electrical conductor construction and making the same. 2,402,503; June 18.
McCutchan, George L., assignor to Rome Cable Corporation, Rome, N. Y. Shielded electrical conductor construction and making the same. 2,402,504; June 18.
McCutcheon, John W., Bronx, N. Y. Camera film box. 2,409,949; Oct. 22.
McDaniel, James W., Raleigh, N. C. Hawaiian electric guitar steel. 2,392,937; Jan. 15.
McDaniel, James W., Hayward, Calif. Rail leveling device. 2,412,463; Dec. 10.
McDargh, Harry J., Jr., Atlanta, Ga. Portable dispenser unit. 2,411,220; Nov. 19.
McDermet, John R., Hempfield Township, Westmoreland County, assignor to Elliott Company, Jeannette, Pa. Deaerator. 2,393,393; Jan. 22.
McDermott, Eugene, Dallas County, Tex. Submarine detecting method and apparatus. 2,412,165; Dec. 3.
McDermott, Henry J., Prospect Park, Pa., assignor to American Viscose Corporation, Wilmington, Del. Spinning bucket assembly. 2,408,670; Oct. 1.
McDermott, Henry J., Prospect Park, Pa., assignor to American Viscose Corporation, Wilmington, Del. Guide mechanism. 2,411,889; Dec. 3.
McDermott, Henry J., Prospect Park, and R. W. Stanley, Drexel Hill, Pa., assignors to American Viscose Corporation, Wilmington, Del. Device for liquid treatment of filamentary material. 2,413,413; Dec. 31.
McDill, Rex D., Cleveland Heights, Ohio. Culinary utensil. 2,397,902; Apr. 2.
McDill, Rex De O., Cleveland, Ohio, assignor to Thompson Products, Inc. Valve vibrator and heater. 2,400,158; May 14.
McDonald, Andrew J., Philadelphia, Pa. Boring machine. 2,409,578; Oct. 15.
McDonald, Donald A., Dearborn, Mich. Merry-go-round for playgrounds and the like. 2,407,843; Sept. 17.
McDonald, Eugene F., Jr., Chicago, and K. Emde, Itasca, Ill., assignors to Eastman Kodak Company, Rochester, N. Y. Roll film camera. 2,396,869; Mar. 19.
McDonald, Fay, Cincinnati, Ohio. Garbage receptacle. 2,394,319; Feb. 5.
McDonald, John W.: *See*—
Gill, Lowell O., and McDonald.
McDonald, William J., assignor of one-half to S. E. Root, Kansas City, Mo. Concrete form. 2,401,263; May 28.
McDonell, Hubert F., Gainesville, Fla. Grading machine. 2,399,280; Apr. 30.
McDonnell, Lester V., and P. Satterlee, Detroit, Mich. Attaching clips. 2,410,120; Oct. 29.
McDougal, Royden K., San Pedro, Calif. Fishhook. 2,407,759; Sept. 17.
McDougal, Thomas F., Fairmont, W. Va. Controlling mechanism for multiple wing helicopter rotors. 2,396,590; Mar. 12.
McDougall, Alexander M., San Francisco, Calif. Vessel and handling same. 2,406,236; Aug. 20.
McDougall, Stanley W., assignor of one-third to J. Fox, and one-third to R. S. Hooper, Kellogg, Idaho. Miner's drill carriage. Re. 22,746; Apr. 23.
McDowell, Harvey G., Wilmington, Del. Calculator. 2,393,922; Jan. 29.
McDowell, Thomas E., assignor to The Pyle-National Company, Chicago, Ill. Motor control system. 2,396,333; Mar. 12.
McDowell, Wendell H., assignor to Eastman Kodak Company, Rochester, N. Y. Treating water resistant paper. 2,409,984; Oct. 22.
McElhannon, Raymond J., Flushing, N. Y. Method and apparatus for variably reflecting radio waves electrically. 2,391,914; Jan. 1.
McElhinney, Eric M., Dysart, Iowa. Coupling device. 2,400,836; May 21.
McElhinney, Eric M., and J. A. Podhajsky, Tama County, Iowa. Loader. 2,409,143; Oct. 8.
McElhinney, Thomas R., New Orleans, La., assignor to William J. Gibbens, Jr. Synthetic resin and making same. 2,394,000; Feb. 5.
McElroy, Frank H., Jersey Shore, Pa. Centrifugal type fluid clutch. 2,408,988; Oct. 8.
McElvain, James W., Sharon, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electrical apparatus. 2,412,902; Dec. 17.
McElvain, Samuel M., and H. Burkett, Madison, Wis. Barbituric compounds. 2,394,195; Feb. 5.
McEntire, George W., assignor to The Garrett Corporation Airesearch Manufacturing Company division, Los Angeles, Calif. Thermostatic oil cooler control. 2,396,053; Mar. 5.
McEwen, Alva, McComb, Miss. Airbrake slack adjuster. 2,401,091; May 28.
McEwen, Robert L.: *See*—
Kauffmann, Hans O., Shanley, and McEwen.
McFall, Robert J., Haworth, N. J. Snap switch. 2,407,089; Sept. 3.
McFall, Theodore F., El Cerrito, Calif. Illuminated sign. 2,405,266; Aug. 6.
McFall, Thurlow E., Sparta, Mich. Piston ring. 2,404,140; July 16.
McFall, Thurlow E., Sparta, Mich. Piston ring spacer. 2,405,318; Aug. 6.
McFall, William W., River Forest, Ill. Delivery rack or carrier for neckties and similar apparel. 2,401,835; June 11.
McFall, William W., River Forest, and F. O. Kestner, Chicago, Ill. Shirt collar support. 2,401,789; June 11.
McFarland, Artie F., assignor to McFarland Manufacturing Corporation, Houston, Tex. Chemical feeding apparatus. 2,413,029; Dec. 24.
McFarland, Forest R.: *See*—
Vincent, Jesse G., and McFarland.
McFarland, Forest R., Huntington Woods, assignor to Packard Motor Car Company, Detroit, Mich. Drive mechanism. 2,409,506; Oct. 15.
McFarland, George L., Jr., Scotia, N. Y., assignor to General Electric Company. Electric switch. 2,394,090; Feb. 5.
McFarland, George L., Jr., Scotia, N. Y., assignor to General Electric Company. Mechanical interlock for electric switches. 2,398,656; Apr. 16.
McFarland Manufacturing Corporation, assignee: *See*—
McFarland, Artie F.
McFarland, William E., Nutley, N. J. Writing machine. 2,399,369; Apr. 30.
McFarland, William E., Nutley, N. J. Writing machine. 2,400,764; May 21.
McFarlane, Arthur B., Harrow, assignor of one half to R. Lowe, Bexley Heath, England. Earth moving machine. 2,408,671; Oct. 1.
McFarlane, Edwin C., Brooklyn, N. Y. Plan folding machine. 2,407,992; Sept. 24.
McFarlane, John H., El Dorado, Ark. Sucker rod connection. 2,400,941; May 28.
McFarlane, John W., and C. F. Andrews, assignors to Eastman Kodak Company, Rochester, N. Y. Photographing device. 2,403,892; July 9.
McFarren, Lawrence E., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Fixed resistor. 2,407,171; Sept. 3.
McFeaters, Harry L., New Castle, Pa., assignor to Pennsylvania Engineering Works. Hot metal mixer. 2,395,569; Feb. 26.
McGahey Manufacturing Company, assignee: *See*—
McGahey, Robert E., Jr.
McGahey, Robert E., Jr., Washington, D. C., assignor to McGahey Manufacturing Company, Los Angeles, Calif. Cartridge. 2,394,249; Feb. 5.
McGarrity, William F.: *See*—
Hume, Patrick H., McGarrity, and Robinson.
McGarvey, Alan R., Manheim Township, Lancaster County, assignor to Armstrong Cork Company, Lancaster, Pa. Producing molded basic magnesium carbonate. 2,409,297; Oct. 15.

McGarvey, Alan R., assignor to Armstrong Cork Company, Lancaster, Pa. Laminated materials. 2,410,586; Nov. 5.
McGarvey, Harold J.: *See*—
Pifer, Marion J., Carlzen, and McGarvey.
McGavock, Hugh K.: *See*—
McWane, Henry E.
McWane, Henry E., and McGavock.
McGhie, Russell P., Brooklyn, N. Y., assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Organic detergent compositions. 2,394,320; Feb. 5.
McGhie, Russell P., Brooklyn, N. Y., assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Preparing sulphonated organic detergents. 2,394,321; Feb. 5.
McGill, Chester T., De W. Wessel, and M. W. Smith, assignors to Elgin Softener Corporation, Elgin, Ill. Multiport valves. 2,398,437; Apr. 16.
McGill, Daniel F., assignor to D. W. Green, Portland, Oreg., as trustee. Fluid transmission mechanism. 2,409,374; Oct. 15.
McGill, John H., Manchester, England, assignor to Imperial Chemical Industries Limited. Sheet materials comprising polyvinyl chloride. 2,392,857; Jan. 15.
McGill Manufacturing Company, Inc., assignee: *See*—
Popp, Rudolf.
McGilvray, H. H., assignee, et al.: *See*—
Humason, Granville A.
McGinnis, Archibald B., assignor to Wheeling Stamping Company, Wheeling, W. Va. Apparatus for the molding of plastic articles. 2,412,411; Dec. 10.
McGlocklin, George F., assignee: *See*—
Drake, Winfred E.
McGlone, John F., San Diego, Calif. Control means for fluid pressure motors. 2,408,795; Oct. 8.
McGlone, Ronald A.: *See*—
Balassa, Ladislaus, and McGlone.
McGovern, Harold J., Rock Island, Ill. Multiple pump for hydraulic systems. 2,413,240; Dec. 24.
McGowan, Eugene, New York, N. Y. Lifting clamp. 2,412,627; Dec. 17.
McGowan, George L., Edmonton, Alberta, Canada. Automatic electric switch. 2,402,336; June 18.
McGowan, Henri C., Augusta, Ga. Crutch tip construction. 2,397,499; Apr. 2.
McGrann, John A.: *See*—
Maulsby, Leon K., and McGrann.
McGrath, Ellen E.: *See*—
McGrath, Robert A., Sr., and E. E.
McGrath, Robert A., Sr., and E. E., Brooklyn, N. Y. Dowel bar protector. 2,408,989; Oct. 8.
McGrath, William L., Syracuse, N. Y., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Refrigeration system. 2,403,818; July 9.
McGraw Colorgraph Company, assignee: *See*—
Ball, Joseph A.
McGraw Electric Company, assignee: *See*—
Duerkob, Manfred F.
Gomersall, John R., and Ireland.
Olving, Bror G.
Osterheld, Clark M.
Scharf, Frank W.
McGraw, Max, assignee: *See*—
Ball, Joseph A.
McGreal, Eldred B.: *See*—
Tondreau, Albert W., and McGreal.
McGreal, Martin E.: *See*—
Nierderl, Joseph B., V., and McGreal.
McGregor, Allan L., Chicago, Ill. Child's vehicle. 2,392,938; Jan. 15.
McGregor, Rob R., Verona, and E. L. Warrick, Pittsburgh, Pa., assignors to Corning Glass Works, Corning, N. Y. Hydraulic fluid. 2,398,187; Apr. 9.
McGrew, Frank C.: *See*—
Coffman, Donald D., and McGrew.
McGrew, Frank C., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Plasticized polyamides. 2,396,715; Mar. 19.
McGuigan, William D., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Radio beacon. 2,400,127; May 14.
McGuire, John S., Kansas City, Kans., assignor to C. E. Hovey, Kansas City, Mo. Apparatus for contouring the ends of tubular stock. 2,409,375; Oct. 15.
McGuire, Norbert P., Wilmore, Pa. Cabinet. 2,411,221; Nov. 19.
McGuire, Philip J.: *See*—
Oliver, Edwin L., McGuire, Slaughter, and Vettel.
McHan, Brack B., Quincy, assignor to Calcium Carbonate Company, Chicago, Ill. Stabilized composition and method. 2,403,010; July 2.
McHarg, Leslie, Huntington, N. Y. Load capacity testing device. 2,392,096; Jan. 1.
McIntosh, Robert R., Battle Creek, Mich. Pressure control apparatus. 2,395,973; Mar. 5.
McIntosh, Thomas J., Westville, S. C., assignor of one-half to E. D. Moore, Charlotte, N. C. Adjustable tool handle fastening. 2,409,879; Oct. 22.
McInturff, William H., Warrington, Fla. Internal-combustion engine. 2,410,095; Oct. 29.
McIntyre, Royal A., assignee: *See*—
Boone, Charles G.
McIntyre, Sidney S., Sedro-Woolley, Wash. Hoist. 2,405,156; Aug. 6.
McKay, Augusta P., assignor to Rome Plow Company, Cedartown, Ga. Agricultural implement. 2,398,147; Apr. 9.
McKay Machine Company, assignee: *See*—
Todd, Russell T.
McKee, Charles R.: *See*—
Tutt, Richard, Jr., Hubbard, and McKee.
McKee, Halbert, Nineveh, assignor of two-thirds to Hill Brothers Veneer Co., Edinburg, Ind. Hoist and transporting device. 2,407,993; Sept. 24.
McKee, James H., North Caldwell, N. J., assignor to Curtiss-Wright Corporation. Reinforced propeller blade. 2,406,471; Aug. 27.
McKee, Neal T., Bronxville, assignor to The Superheater Company, New York, N. Y. Forming flanges on breeches piece or the like. 2,396,110; Mar. 5.
McKee, Paul H., and C. V. Siler, Terre Haute, Ind. Trolley wire connector. 2,413,061; Dec. 24.
McKee, Ralph H., New York, N. Y. Purification of crude trinitrotoluene. 2,401,879; June 11.
McKee, Stanley H., assignor to Youngstown Welding & Engineering Co., Youngstown, Ohio. Pickling apparatus. 2,405,157; Aug. 6.
McKee, Thomas, Jackson Heights, assignor of seven and one-half per cent to A. Winburn, New York, N. Y. Decorated cake. 2,394,322; Feb. 5.
McKeen, Thomas G., Torrance, Calif. Rodent trap. 2,404,856; July 30.
McKenna, Philip M., Unity Township, Westmoreland County, assignor to Kennametal Inc., Latrobe, Pa. Cutting tool. 2,395,570; Feb. 26.
McKenzie, Dorthy E., assignee: *See*—
Wolfe, George H.
McKenzie, Herman E., Big Bay, Mich., assignor to The Brunswick-Balke-Collender Company, Chicago, Ill. Bowling pin. 2,395,134; Feb. 19.
McKenzie, Nelson J.: *See*—
McKenzie, Victor C. and N. J.
McKenzie, Victor C. and N. J., Boise, Idaho. Placer mining device. 2,400,429; May 14.
McKeown, George H., Bedford Park, and H. Wissmiller, Wheaton, assignors, by mesne assignments, to Pullman Couch Company, Chicago, Ill. Sofa bed. 2,412,628; Dec. 17.
McKeown, John H., Kilderry, Gibbet Hill, Kenilworth, and W. Penn, Sapcote, assignors to Courtaulds Limited, London, England. Treatment of mixed textile fibers. 2,399,559; Apr. 30.
McKesson, Martha F., assignee: *See*—
Bloomheart, John L.
McKewen, John H.: *See*—
Schauer, Lawrence L., and McKewen.
McKibben, Wayne E., Valparaiso, Ind., assignor to The Indiana Steel Products Company, Chicago, Ill. Alloy. 2,395,285; Feb. 19.
McKim, Orville E., Port Chester, N. Y., assignor to Stauco Incorporated. Insecticides. 2,396,054; Mar. 5.
McKinnie, William P.: *See*—
Korodi, Paul C., and McKinnie.
McKinnis, Ronald B., Winter Haven, Fla. Apparatus for controlling the flow of liquid into containers. 2,392,054; Jan. 1.
McKinnis, Ronald B., Winter Haven, Fla. Apparatus for extracting oil free nonoxidized juice. 2,393,475; Jan. 22.
McKinstry, George W., Irondequoit, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Safety appliance. 2,407,891; Sept. 17.
McLaren, Helen H., administratrix: *See*—
McLaren, Roy W.
McLaren, Peter J.: *See*—
Maxson, William L., Lutz, McLaren, and Fedotoff.
McLaren, Roy W., Oaklyn, N. J.; H. H. McLaren, administratrix of said R. W. McLaren, deceased. Right-angled aligning and assembling fastener bracket. 2,399,053; Apr. 23.
McLaren, Roy W., deceased, Oaklyn, N. J.; H. H. McLaren, administratrix, assignor to H. McLaren. Fastener for positioning, aligning, and securing plates for welding. 2,404,857; July 30.
McLaren, Roy W., deceased, Oaklyn, N. J.; H. H. McLaren, administratrix, assignor to H. McLaren, Oaklyn, Camden, N. J. Jig. 2,404,858; July 30.
McLarn, Ernest S.: *See*—
Deakin, Gerald, and McLarn.
McLarn, Ernest S., Manhasset, assignor to International Standard Electric Corporation, New York, N. Y. Multiple connections for electrical apparatus. 2,399,753; May 7.
McLarn, Ernest S., Manhasset, assignor to International Standard Electric Corporation, New York, N. Y. Telephone instrument. 2,408,796; Oct. 8.
McLarn, Ernest S., Manhasset, assignor to International Standard Electric Corporation, New York, N. Y. Cord connector for telephone instruments. 2,413,030; Dec. 24.
McLaughlin, Frank L., assignee: *See*—
Burke, James P.
McLaughlin, John R., New Brunswick, N. J., assignor, by mesne assignments, to Tampax Incorporated, New York, N. Y. Tube telescoping machine. 2,391,915; Jan. 1.
McLaughlin, John R., New Brunswick, N. J., assignor to Tampax Incorporated, New York, N. Y. Tube heading device for tampon applicators and the like. 2,394,557; Feb. 12.

McLaughlin, John R., Palmer, Mass., assignor, by mesne assignments, to Tampax Inc., New York, N. Y. Method of and apparatus for fitting telescopic tubes and the like. 2,407,760; Sept. 17.
McLaughlin, John R., New Brunswick, N. J., assignor, by mesne assignments, to Tampax Incorporated, New York, N. Y. Automatic cutter. 2,407,316; Sept. 10.
McLaughlin, William H., and G. H. Rendel, Gary, Ind., assignors to Carnegie-Illinois Steel Corporation. Operating on strip metal. 2,397,029; Mar. 19.
McLaurin-Jones Co., assignee: *See*—
Davis, Lewis, and Gauthier.
Davis, Lewis, and Tuukkanen.
McLean, Andrew, West Kilbride, Scotland, assignor to Imperial Chemical Industries Limited. Production and esterification of esterifiable nitroparaffin derivatives. 2,399,686; May 7.
McLean, Edmond C., Palatka, Fla. Portable timber cutting saw apparatus. 2,407,028; Sept. 3.
McLean, James S., Oakland, Calif. Hand electric welding tongs. 2,396,870; Mar. 19.
McLean, Leland O.: *See*—
White, Fred L., and McLean.
McLean, Leland O., assignor to The Osgood Company, Marion, Ohio. Fluid pressure clutch mechanism. 2,408,327; Sept. 24.
McLean, Nathaniel G.: *See*—
Davis, John H., Matthews, and McLean.
McLean, Robert E., Fort Benning, Ga. Bracket support. 2,411,448; Nov. 19.
McLean, Robert E., Fort Benning, Ga. Rotary type can opener. 2,411,449; Nov. 19.
McLean, William B., Washington, D. C., assignor to the Government of the United States of America, as represented by the Secretary of War. Snap-on propeller. 2,410,832; Nov. 12.
McLellan, E. W., Co., assignee: *See*—
McLellan, Edgar G., Fischer, and Edelman.
McLellan, Edgar G., San Mateo, Calif., C. A. Fischer and W. Edelman, Portland, Oreg., assignors to E. W. McLellan Co., San Francisco, Calif. Device for circular sewing. 2,393,050; Jan. 15.
McLellan, Harry E. S., assignor to Standard Telephones and Cables Limited, London, England. Wire wound electrical resistor. 2,398,587; Apr. 16.
McLellan, Kenneth M., Cleveland, Ohio., assignor to Industrial Rayon Corporation, Cleveland, Ohio. Apparatus for treating thread and the like. 2,403,819; July 9.
McLemore, Price C., Montgomery, Ala. Apparatus for cultivation of plants. 2,408,328; Sept. 24.
McLemore, Price C., Waugh, Ala. Flame cultivation of plants. Re. 22,803; Oct. 15.
McLennan, Miles A., Detroit, Mich. Radiant energy responsive directional control. 2,403,387; July 2.
McLeod, Eric G.: *See*—
Handley, William C., Quayle, and McLeod.
McLeod, Hector N., London, England. Drying apparatus for dehydrating plant for the treatment of grass, peat, and other moist substances. 2,397,363; Mar. 26.
McLeod, John H.: *See*—
Simmons, Arthur B., and McLeod.
McMahan, Roy F., Arlington Road, near Louisville, Ky. Applying metal binding-straps. 2,407,090; Sept. 13.
McMahan, William W., assignor to Wingfoot Corporation, Akron, Ohio. Filling tires with liquid. 2,401,950; June 11.
McMahon, Alexander F., Oak Park, assignor to The Bastian-Blessing Company, Chicago, Ill. Refrigerating apparatus. 2,411,833; Nov. 26.
McMahon, Frank V., trustee: *See*—
Beregh, Theodore J.
McMahon, John H., El Cerrito, and A. W. Miller, Albany, Calif. Amusement apparatus. Re. 22,706; Jan. 8.
McMahon, John H. and A. W. Miller, Berkeley, Calif. Amusement apparatus. Re. 22,707; Jan. 15.
McMahon, Kenton D., Scotia, N. Y., assignor to General Electric Company. High speed rotor for centrifugal compressors and the like. 2,392,858; Jan. 15.
McManus, Charles E., J. D. Elder, G. B. Cooke, and A. J. Dornblatt, assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Coating. 2,405,662; Aug. 13.
McManus, Frank W., Del Paso Heights, Calif. Controlling fuel combustion. 2,401,836; June 11.
McMaster, Archie J., Deerfield, and D'A. A. Young, Jr., Evanston, assignors to G-M Laboratories, Inc., Chicago, Ill. Relay. 2,398,657; Apr. 16.
McMaster, Archie J., Deerfield, and L. Jacobson, assignors to G-M Laboratories Inc., Chicago, Ill. Relay. 2,405,319; Aug. 6.
McMenamin, Joseph, Clementon, N. J. Apparatus for brewing coffee. 2,405,751; Aug. 13.
McMichael, Floyd J., Orlando, Fla. Box dumping machine. 2,410,515; Nov. 5.
McMillan, Andrew, Milwaukee, Wis., assignor to Chain Belt Company, Milwaukee, Wis. Concrete mixer. 2,395,571; Feb. 26.
McMillan, Andrew, Milwaukee, Wis., assignor to Chain Belt Company, Milwaukee, Wis. Mechanism for actuating clutches and the like. 2,400,765; May 21.
McMillan, Clarence H., Minneapolis, Minn. Game carrier. 2,407,172; Sept. 3.
McMillan, Frank M.: *See*—
Cheney, Harry A., and McMillan.
Liedholm, George E.
McMillan, Frank M., Berkeley, and G. E. Liedholm, Long Beach, assignors to Shell Development Company, San Francisco, Calif. Production of toluol. 2,392,398; Jan. 8.
McMillan, Frank M., and H. A. Cheney, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Isomerization of pentane. 2,393,051; Jan. 15.
McMillan, James O., Wichita, Kans. Diaphragm pump. 2,407,792; Sept. 17.
McMillin, James R., and S. H. Lake, Newark, assignors to Owens-Corning Fiberglas Corporation, Toledo, Ohio. Making reinforced slivers. 2,411,326; Nov. 19.
McMorries, E. Y., assignee, et al.: *See*—
Gilliam, Coleman W.
McMullen, John F.: *See*—
McMullen, John and J. F., and Swartwood.
McMullen, John, Buffalo, N. Y., J. F. McMullen, Cleveland Heights, Ohio, and C. N. Swartwood, Dunmore, Pa. Slack adjuster. 2,393,117; Jan. 15.
McMullen, John, Buffalo, N. Y. Adjustable lading brace for railway cars. 2,407,091; Sept. 3.
McMurray, Harry G., Wakefield, Mass. Shoemaking. 2,409,880; Oct. 22.
McMurray, Lynn L.: *See*—
Cole, Allen T., Duke, and McMurray.
McNab, John G.: *See*—
Rogers, Dilworth T., and McNab.
Winning, Carl, and McNab.
McNab, John G., Cranford, and D. T. Rogers, Teaneck, N. J., assignor to Standard Oil Development Company. Chemical process, etc. 2,399,877; May 7.
McNab, John G., Cranford, and D. T. Rogers, Plainfield, N. J., assignors to Standard Oil Development Company. Compounded lubricating oil. 2,409,686; Oct. 22.
McNab, John G., Cranford, and C. Winning, Westfield, N. J., assignors to Standard Oil Development Company. Compounded lubricating oil. 2,411,583; Nov. 26.
McNabb, Louis A., Glenview, assignor to Bell & Howell Company, Chicago, Ill. Sprocket device. 2,410,121; Oct. 29.
McNabb, Frederick L., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Preparation of finely-divided silicon dioxide. 2,399,687; May 7.
McNabney, Ralph: *See*—
Weget, Walter F., Bacon, and McNabney.
McNair, George B.: *See*—
Syrcher, Edward V., McNair, and Crump.
McNally, James G.: *See*—
Bickey, Joseph B., and McNally.
Dickey, Joseph B., and McNally.
Jensen, Edgar C., Scull, and McNally.
McNally, J. H., administrator: *See*—
Drake, Winfred E.
McNally-Pittsburgh Manufacturing Corporation, The, assignee: *See*—
Patterson, Charles H. J.
McNamara, Gordon G., Jr., Chicago, Ill., assignor to International Harvester Company. Vehicle. 2,407,092; Sept. 3.
McNamee, Bernard F., Altadena, assignor to Consolidated Engineering Corporation, Pasadena, Calif. Pickup. 2,400,564; May 21.
McNatt, Eugene M., Tulsa, Okla., assignor to Standard Oil Development Company. Integrating apparatus. 2,398,238; Apr. 9.
McNeal, Irene, Newport, Vt. Vacuum-type dusting mop. 2,394,798; Feb. 12.
McNeil Machine & Engineering Company, The, assignee: *See*—
Soderquist, Leslie E.
McNeil, William M., Wheaton, Ill., assignor to United States Gypsum Company, Chicago, Ill. Cupola furnace. 2,395,231; Feb. 19.
McNitt, Robert J., Perth Amboy, N. J. Electrolytic cell. 2,393,330; Jan. 22.
McOmie, Rulon W.: *See*—
Montgomery, George C., and McOmie.
McOrily, Joseph, Wilkinsburg, assignor to Edwin L. Wiegand Company, Pittsburgh, Pa. Electrical heating element. 2,391,995; Jan. 1.
McOrily, Joseph, assignor, by mesne assignments, to Edwin L. Wiegand Company, Pittsburgh, Pa. Pitot tube. 2,399,370; Apr. 30.
McPherson, Hal W., Chicago, Ill., assignor to Allied Control Co., Inc., New York, N. Y. Valve. 2,407,761; Sept. 17.
McPheters, Erwin R., Boise, Idaho. Ore concentrating table. 2,408,797; Oct. 8.
McPheters, Leonard: *See*—
Zavarella, Arthur, and McPheters.
McPheters, Leonard L., Springfield, Mass., assignor to the Government of the United States of America, as represented by The Secretary of War. Magazine loader. 2,403,012; July 2.
McQuay-Norris Manufacturing Company, assignee: *See*—
Persons, Lawrence M.
Smith, Dallas M.

McQueen, David M., Newark, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Photographic elements. 2,397,866; Apr. 2.
McQueen, David M., Newark, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemically modified wool. 2,406,958; Sept. 3.
McRae, Daniel B.: *See*—
Beggs, Joseph S., McRae, and Eagle.
McRae, Daniel B., assignor to Eastman Kodak Company, Rochester, N. Y. Formation of mirrors by thermal evaporation. 2,394,930; Feb. 12.
McRae, James W., Neptune, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Harmonic generating system. 2,408,437; Oct. 1.
McReynolds, Winn W., assignor to Great National Air Conditioning Company, Dallas, Tex. Remote control for evaporative coolers. 2,413,150; Dec. 24.
McSpadden, Donovan M., and J. Cook, Charlotte, N. C. Cloth finishing clamp. 2,400,766; May 21.
McVey, Gerald E., Columbus, Ohio. Torque gauge. 2,411,931; Dec. 3.
McWane, Henry E., and H. K. McGavock, Lynchburg, Va. Ladle. 2,400,362; May 14.
McWane, Henry E., and H. K. McGavock, Lynchburg, Va.; said McGavock assignor to said McWane. Apparatus for introducing molten material into molds. 2,409,779; Oct. 22.
McWhirter, Eric M. S.: *See*—
Hartley, George C., McWhirter, and Handley.
McWhirter, Eric M. S., and H. H. Dunn, London, W. C. 2, assignors to Standard Telephones and Cables Limited, London, England. Generator of electrical oscillations. 2,393,331; Jan. 22.
McWhorter, Cullen J., South Houston, Tex., assignor to Lane-Wells Company, Los Angeles, Calif. Side wall sampling tool. 2,392,683; Jan. 8.
McWilliams, Joseph L., San Francisco, Calif. Concrete form bracket. 2,402,337; June 18.
Meacham, Edward M.: *See*—
Moecher, Henry, Jr., Frick, Meacham, and White.
Meacham, Larned A., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,396,111; Mar. 5.
Meacham, Larned A., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Communication system. 2,408,085; Sept. 24.
Meacham, Larned A., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Call transmitter. 2,410,833; Nov. 12.
Meacham, Larned A., Summit, N. J., M. E. Mohr, Jamaica, N. Y., and C. V. Parker, Washington, D. C., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Impulse system. 2,408,086; Sept. 24.
Mead, Charles M., Los Angeles, Calif. Shirt collar holder. 2,408,569; Oct. 1.
Mead, Elmer C., Scotia, assignor to The Pacific Lumber Company, San Francisco, Calif. Lumber feeding conveyer for saw trimmers. 2,403,673; July 9.
Mead, Theodore E., Wilmette, Ill. Holding device. 2,396,521; Mar. 12.
Mead, Theodore E., Wilmette, Ill. Work holding device. 2,398,658; Apr. 16.
Mead, Theodore E., Wilmette, Ill. Work feeding device. 2,398,659; Apr. 16.
Meador, Norward A., Andover, Mass., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Ammunition. 2,402,068; June 11.
Meadow, Jacob R.: *See*—
Woodward, Robert E., Hawthorne, and Meadow.
Meadow, Jacob R., Memphis, Tenn., assignor to Socony-Vacuum Company, Incorporated. Alkylation. 2,403,013; July 2.
Meadow, Jacob R., Lexington, Ky., assignor to Socony-Vacuum Oil Company, Incorporated. Alkylation process. 2,408,329; Sept. 24.
Mealil, Harry R., Schenectady, N. Y., assignor to General Electric Company. Attenuator for ultra high frequency systems. 2,412,055; Dec. 3.
Means, Winthrop J., Ridgewood, N. J., and T. Slonczewski, Glen Head, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric recorder. 2,396,187; Mar. 5.
Mearl Corporation, The, assignee: *See*—
Mattin, Harry E., and Timpson.
Mechanical Research Corporation, assignee: *See*—
Leavell, Charles, and Wheeler.
Mechano Gear Shift Company, assignee: *See*—
Kenyon, Bertrand F.
Mechlana Products Corporation, assignee: *See*—
Nygren, Carl.
Mechur, Berthold, New York, N. Y. Shoulder pad for garments. 2,410,986; Nov. 12.
Medlin, Milton, Brooklyn, N. Y. Fused electrical plug. 2,406,154; Aug. 20.
Meehan, John B.: *See*—
Haggard, Claude C., and Meehan.
Meehan, Paul, St. Louis, Mo. Animal trap. 2,398,188; Apr. 9.
Meehanite Metal Corporation, assignee: *See*—
Kelly, Herbert W.
Meek, John Miller: *See*—
Haine, Michael E., and Meek.
Meeker, David A.: *See*—
Brookhart, Theodore C., and Meeker.
Meeker, David A., Troy, and K. C. Allen, Dayton, assignors to The Hobart Manufacturing Company, Troy, Ohio. Scale. 2,408,942; Oct. 8.
Mees, Frank S., Swampscott, Mass. Platform sole. 2,405,443; Aug. 6.
Megathlin, Ralph S., Quincy, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Heel seat fitting machine. 2,398,796; Apr. 23.
Mehan, Thomas O., assignor to Victor Adding Machine Company, Chicago, Ill. Calculating machine. 2,411,050; Nov. 12.
Mehan, Thomas O., Park Ridge, and H. E. Hooe, assignors to Victor Adding Machine Co., Chicago, Ill. Calculating machine. 2,396,188; Mar. 5.
Mehard, Robert S., assignor to Truscon Steel Company, Youngstown, Ohio. Bifold canopy door. 2,393,052; Jan. 15.
Mehl, Stephen, Jr., Sans Souci, Mich. Buoy. 2,403,539; July 9.
Mehr, Otto, North Bergen, N. J. Hospital bed. 2,407,892; Sept. 17.
Mehrling, Arthur C., H. W. Lensner, East Orange, and S. L. Goldsborough, Basking Ridge, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Carrier-current phase-angle relaying system. 2,408,868; Oct. 8.
Meidenbauer, Phillip E., Jr., assignor to Scott Aviation Corporation, Lancaster, N. Y. Breathing apparatus. 2,399,054; Apr. 23.
Meidenbauer, Phillip E., Jr., assignor to Scott Aviation Corporation, Lancaster, N. Y. Pressure reducer for breathing apparatus. 2,399,816; May 7.
Meidenbauer, Phillip E., Jr., assignor to Scott Aviation Corporation, Lancaster, N. Y. Breathing apparatus. 2,406,888; Sept. 3.
Meidenbauer, Phillip E., Jr., Lancaster, and H. A. Benzel, Marilla, assignors to Scott Aviation Corporation, Lancaster, N. Y. Oxygen and air controlling apparatus for aviators. 2,396,716; Mar. 19.
Meier, Herbert H., Baytown, Tex., assignor to Standard Oil Development Company. Production of aromatics. 2,400,363; May 14.
Meier, Herbert H., Baytown, Tex., assignor to Standard Oil Development Company. Cracking process. 2,401,363; June 4.
Meier, Herbert H., Baytown, Tex., assignor to Standard Oil Development Company. Extraction with sulphur dioxide. 2,402,425; June 18.
Meigs, Douglas P., assignor to American Instrument Company, Silver Spring, Md. Closure for high-pressure vessels. 2,396,469; Mar. 12.
Meigs, Henry G., Milwaukee, Wis. Highway reflector sign and the like. 2,411,222; Nov. 19.
Melli, Gottfried, San Gabriel, assignor of one-half to M. P. McCaffrey, Los Angeles, and one-half to W. Ruddock, South Pasadena, Calif. Control mechanism for hoisting equipment. 2,412,412; Dec. 10.
Melncke, Edward: *See*—
Bucknam, James H., Melncke, and Young.
Melncke, Howard D., assignee: *See*—
Turner, Frank D.
Melnel, William J.: *See*—
Green, Samuel G., D'Ardenne, Melnel, and De Vore.
Melnema, Herbert E.: *See*—
Hancock, David, Jr., and Melnema.
Melnerding, Wesley C., Canton, Ohio. Vehicle lighting system. 2,397,748; Apr. 2.
Melnert, Richard N., Westfield, N. J., assignor to Standard Oil Development Company. Alkylation of mixed olefins. 2,408,798; Oct. 8.
Melnert, Richard N., Westfield, and P. H. Holt, II, Summit, N. J., assignors to Standard Oil Development Company. Improving naphtha. 2,410,891; Nov. 12.
Melnert, Sylvester E., Wynnewood, Pa. Drill. 2,393,550; Jan. 22.
Melnke, Arthur E., Minneapolis, Minn. Piston. 2,409,057; Oct. 8.
Meis, Helmut: *See*—
Hoffmann, Ullrich, and Meis.
Meiss, Philip E.: *See*—
Nichols, Peter L., Jr., Meiss, and Yanovsky.
Meissner, William E.: *See*—
Delano, William R. P., and Meissner.
Meister, Walter F.: *See*—
Cole, Sandford S., and Meister.
Meitner, Bela, Whitchurch, assignor to Aero Zipp Fasteners Limited, London, W. C. 1, England. Slider for sliding clasp fasteners. 2,404,977; July 30.
Meitzler, Donald E., Manchester, assignor to United Aircraft Corporation, East Hartford, Conn. Injection system. 2,405,043; July 30.
Mejean, Jacques G., Westport, and J. C. Daninos, Darien, Conn., assignors, by mesne assignments, to C. E. Warner, Jackson Heights, N. Y. Recharging system for machine guns. 2,413,241; Dec. 24.
Mekler, Lev A.: *See*—
Gerhold, Clarence G., and Mekler.
Mekler, Lev A., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 2,408,943; Oct. 8.

Mekler, Lev A., Washington, D. C., assignor to Universal Oil Products Company, Chicago, Ill. Controlling the cooling of convective fluid streams. 2,409,376; Oct. 15.

Mekler, Lev A., assignor to Universal Oil Products Company, Chicago, Ill. Reactor. 2,409,780; Oct. 22.

Melas, William, Philadelphia, and J. Razek, Llanerch, Pa., assignors, by mesne assignments, to HSB Corporation. Measuring system. 2,411,330; Nov. 19.

Melchers, John H., Minneapolis, Minn. Plier structure. 2,399,497; Apr. 30.

Melchior, Frederick C., New York, N. Y. Carburetor preheat system. 2,407,719; Sept. 17.

Melhuish, Lawrence E.: *See*—
Kinkead, F. S., Melhuish, Singer, and Smith.

Melichar, Joseph F.: *See*—
Parker, Arthur L., and Melichar.

Melichar, Joseph F., assignor to The Parker Appliance Company, Cleveland, Ohio. Shuttle valve. 2,408,799; Oct. 8.

Melichar, Joseph F., and W. Margrave, assignors to The Parker Appliance Company, Cleveland, Ohio. Sump selector valve. 2,409,220; Oct. 15.

Melick, Thomas E.: *See*—
Dirkes, Robert F., Melick, and Kimball.

Melidoni, Constantine, New York, N. Y. Piston expander. 2,396,055; Mar. 5.

Melidoni, Constantine, and H. Gass, New York, N. Y., assignors to Van Norman Company, Springfield, Mass. Grinding attachment. 2,400,767; May 21.

Melin, William, Detroit, Mich. Machine base for milling machines. 2,398,239; Apr. 9.

Melin, William, Grand Rapids, Mich. Centerless grinding machine. 2,411,972; Dec. 3.

Melkus, Leonard A.: *See*—
Geer, Russell L., and Melkus.

Mellen, William F., Whittier, and J. H. Clasen, Anaheim, assignors, by direct and mesne assignments of one-half to said Mellen and one-half to H. Rogers, Bakersfield, Calif. Plow with single colter. 2,401,837; June 11.

Meller, Reginald B., Oakland, Calif. Box. 2,404,916; July 30.

Melling, George, Sr., Jackson, Mich. Tractor or traction wheel. 2,401,577; June 4.

Melling, George, Sr., Jackson, Mich. Machine tool. 2,404,859; July 30.

Mellor, Albert, and R. Martin, Spondon, near Derby, England, assignors to Celanese Corporation of America. Apparatus for the treatment of textiles. 2,392,939; Jan. 15.

Melniczak, Alex, Camden, N. J. Electric igniter. 2,396,591; Mar. 12.

Meltz, Julius B.: *See*—
Rubin, Irving, and Meltz.

Melvill, Francis L., New York, N. Y. Packing for vapor and liquid contacting apparatus. 2,405,593; Aug. 13.

Melvill, Francis L., New York, N. Y. Contacting apparatus. 2,405,594; Aug. 13.

Memovox, Incorporated, assignee: *See*—
Brubaker, George P.

Mendelsohn, Majer, New York, N. Y. Poison gas protection. 2,396,923; Mar. 19.

Mendelson, Clarence R., San Francisco, Calif. Fishing tackle. 2,399,371; Apr. 30.

Mendelson, Hans, Bloomington, Ind., assignor to Radio Corporation of America. Clamp. 2,397,749; Apr. 2.

Mendoza, Mordecai, and M. A. T. Rogers, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Pyrrole azo dyestuffs. 2,395,135; Feb. 19.

Meneley, Carl A.: *See*—
Tolson, William A., and Meneley.

Meneley, Carl A., Princeton, N. J., assignor to Radio Corporation of America. Reciprocal circuit. 2,403,540; July 9.

Menke, Edward, Cincinnati, Ohio. Container holder. 2,394,323; Feb. 5.

Mennen, Francis E., Washington, D. C. Pintle. 2,397,558; Apr. 2.

Mennesson, Marcel, assignor to Societe Anonyme Pour La Construction de Materiel Automobile (S. A. C. M. A.), Neuilly-sur-Seine (Seine) France. Apparatus for measuring or checking transverse dimensions. 2,408,672; Oct. 1.

Mennesson, Marcel L., Neuilly-sur-Seine, France; vested in the Alien Property Custodian. Carburetor of the fuel injection type. 2,392,055; Jan. 1.

Mennesson, Marcel L., Neuilly-sur-Seine, France; vested in the Alien Property Custodian. Control device for variable pitch propellers. 2,407,317; Sept. 10.

Mensing, Carl E., Somerville, N. J., assignor to American Cyanamid Company, New York, N. Y. Multiple contact counter-current extractor. 2,405,158; Aug. 6.

Mentley, Max B., assignor to National Broach & Machine Company, Detroit, Mich. Gear finishing. 2,411,973; Dec. 3.

Menzies, William E., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Reversible single phase capacitor motor. 2,407,994; Sept. 24.

Mercatante, Stephen S.: *See*—
Reynolds, Alfred T.

Mercer, Robert G., and D. M. Taylor, New Castle, Pa., assignors to American Cyanamid & Chemical Corporation, New York, N. Y. Blasting cap package. 2,393,221; Jan. 15.

Mercer, William R.: *See*—
Sanders, Royden C., Jr., and Mercer.
Sanders, Royden C., Jr., Mercer, and Blitz.

Mercer, William R., Hightstown, and B. R. Cole, Princeton, N. J., assignor to Radio Corporation of America. Balanced detector for altimeters. 2,410,122; Oct. 29.

Mercier, Dewey P., Burlington, Vt. Attachment for fishing lines. 2,397,030; Mar. 19.

Mercier, Harvey O., East Orange, N. J., assignor to National Biscuit Company, New York, N. Y. Gas-air inspirator. 2,412,348; Dec. 10.

Mercier, Jean, New York, N. Y. Making accumulator bags. 2,392,173; Jan. 1.

Mercier, Jean, New York, N. Y. Pump. 2,392,754; Jan. 8.

Mercier, Jean, New York, N. Y. Strainer insert for hydraulic accumulators. 2,399,444; Apr. 30.

Mercier, Jean, New York, N. Y. Accumulator. 2,399,579; May 7.

Mercier, Jean, Neuilly-sur-Seine, France; vested in the Alien Property Custodian. Pump. 2,392,543; Jan. 8.

Mercier, Pierre E., Neuilly-sur-Seine, France; vested in the Alien Property Custodian. Landing gear with dirigible landing wheel. 2,401,364; June 4.

Mercier, Pierre E., New York, assignor to Stratos Corporation, Farmingdale, N. Y. Power transmission mechanism for aircraft engines. 2,401,365; June 4.

Mercier, Pierre E., New York, assignor to Stratos Corporation, Farmingdale, N. Y. Power transmission mechanism for aircraft engines. 2,401,496; June 4.

Mercier, Pierre E., New York, assignor to Stratos Corporation, Farmingdale, N. Y. Control system for airplane power plants. 2,401,497; June 4.

Mercier, Stanley M., Bexley, Ohio, assignor, by mesne assignments, to The Jeffrey Manufacturing Company. Conveyer. 2,400,246; May 14.

Merck & Co., Inc., assignee: *See*—
Becker, Harold J.
Folkers, Karl, and Major.
Folkers, Karl, Rogers, and Heal.
Harris, Stanton A.
Kereszteszy, John C., and Stevens.
Major, Randolph T., and Folkers.
Snyder, Harold R.
Stiller, Eric T.
Stokes, Jacob L.
Tishler, Max.
Van de Kamp, Jacob, and Sletzinger.
Waksman, Sellman A.
Waksman, Selman A., and Karow.
Weijlard, John, and Tishler.

Merco Nordstrom Valve Company, assignee: *See*—
Nordstrom, Sven J.

Merco-Trinkle Machine Co., assignee: *See*—
Trinkle, Dallas R.

Mercury Clutch Corporation, assignee: *See*—
Zimmermann, Hans J.

Meredith, Frederick M., Toronto, Ontario, Canada. Saw table. 2,396,961; Mar. 19.

Meredith, Frederick W., London, England, assignor to S. Smith & Sons (England) Limited. Control apparatus for air and water craft. 2,400,701; May 21.

Mereen-Johnson Machine Company, assignee: *See*—
Bolling, Oscar S.

Mergenthaler Linotype Company, assignee: *See*—
Frolander, Frank C.

Meriam, Charles, Cleveland, Ohio, assignor to The Meriam Instrument Company. Manometer. 2,407,568; Sept. 10.

Meriam Instrument Company, The, assignee: *See*—
Meriam, Charles.

Merit Engineering, Inc., assignee: *See*—
Walley, Herbert H., Jr., and Keema.

Merkel, Joseph F.: *See*—
Hailes, William D., and Merkel.

Merker, Herman, and H. L. Newton, assignors to Pressed Steel Tank Company, Milwaukee, Wis. Barrel closure. 2,397,500; Apr. 2.

Merkle, Alfred, East Northport, assignor to American Sealcone Corporation, New York, N. Y. Container. 2,399,241; Apr. 30.

Merle, Joseph M., Chicago, Ill. Chemically purifying and refining metals. 2,395,286; Feb. 19.

Merner, Richard R., Deerfield, Ill., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of polymer solutions. 2,404,723; July 23.

Mero, Ralph M., and A. Treff, Chicago, Ill., assignors to Continental Can Company, Inc., New York, N. Y. Machine for electric welding can bodies. 2,412,166; Dec. 3.

Merrell, William S., Company, The, assignee: *See*—
Bird, John C., and Kuna.
Shelton, Robert S.
Shelton, Robert S., and Van Campen.
Shelton, Robert S., and Van Campen, Jr.
Van Zoeren, Gerritt J.

Merrifield, Arthur L.: *See*—
Irving, George W., Merrifield, Burnett, and Parker.

Merrill Brothers, assignee: *See*—
Gardner, Edward M.

Merrill, Donald G., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Drier for decorated ware. 2,409,298; Oct. 15.

Merrill, George S., Cleveland, Ohio, assignor to General Electric Company. Tubular lamp and holder therefor. 2,393,180; Jan. 15.

Merrill, George S., Cleveland, Ohio, assignor to General Electric Company. Illuminating apparatus. 2,408,471; Oct. 1.

Merrill, Grant S., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Elasto-plastic window glazing compound. 2,400,565; May 21.

Merrill, Leslie M., assignee, et al., trustee: *See*—
Lysholm, Alf.

Merritt, George E.: *See*—
Hurley, Roy T., and Merritt.

Merritt, George E., and B. W. Jones, Elmira, N. Y., assignors to Bendix Aviation Corporation, South Bend, Ind. Continuous strip camera. 2,397,031; Mar. 19.

Merritt, Glenn W., assignor to The Mining Safety Device Company, Bowerston, Ohio. Car-dumping apparatus. 2,407,569; Sept. 10.

Merry, Arthur A., West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Brazed cylinder muff. 2,400,157; May 14.

Merry Hull & Company, assignee: *See*—
Geissmann, Gladys W.

Merryweather, Gerald, Cuyahoga Falls, and L. Merryweather, assignors to Merryweather Products Company, Akron, Ohio. Fireplace front. 2,398,240; Apr. 9.

Merryweather, Lloyd: *See*—
Merryweather, Gerald and L.

Merryweather Products Company, assignee: *See*—
Merryweather, Gerald and L.

Merton, Percy, Hillsdale, N. J. Military cap. 2,398,714; Apr. 16.

Mertz, Valentine, Dallas, Tex., assignor to Phillips Petroleum Company. Reducing corrosion and polymerization of furfural in extractive distillation plants. 2,409,781; Oct. 22.

Merwin, Thomas B., Woodstock, Ill. Hospital equipment. 2,394,091; Feb. 5.

Merwin, Walter J.: *See*—
Teter, John W., and Merwin.

Merz, Otto H., Wauwatosa, Wis., Marine National Exchange Bank of Milwaukee, executor of said O. H. Merz, deceased. Sliding door. 2,410,892; Nov. 12.

Mesh, Theodore J., Easthampton, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Control apparatus for alternating current. 2,411,051; Nov. 12.

Mesnel, Pierre, Colombes, France; vested in the Alien Property Custodian. Guideway for sliding windows. 2,407,671; Sept. 17.

Mesner, Max H., Collingswood, N. J., assignor to Radio Corporation of America. Exponential deflecting and centering circuits. 2,412,683; Dec. 17.

Messana, Joseph, Jr., assignor to The Jaeger Machine Company, Columbus, Ohio. Groove-forming attachment for machine tools. 2,409,299; Oct. 15.

Messenger, Robert P., Kenilworth, and R. D. Acton, assignors to International Harvester Company, Chicago, Ill. Bale loading device. 2,410,516; Nov. 5.

Messenger, Robert P., Kenilworth, A. E. W. Johnson, Oak Park, and W. F. Schmied, Blue Island, Ill., assignors to International Harvester Company. Detachable manure spreader. 2,410,953; Nov. 12.

Messenger, Robert W., Salisbury, Md. Making strip blanks for cans from long and wide metal stock. 2,406,155; Aug. 20.

Messick, Kirwan Y., Arlington, Va. Flower holder for cemetery use. 2,399,498; Apr. 30.

Messing: Hjalmar S.: *See*—
Lowgren, Karl A. U., Alfsen, and Messing.

Messinger, Clyde: *See*—
Messinger, George S. and C.

Messinger, George S., assignor to Messinger Manufacturing Company, Tatamy, Pa. Distributor for dust applying mechanisms. 2,400,703; May 21.

Messinger, George S. and C., assignors to Messinger Manufacturing Company, Tatamy, Pa. Method of and apparatus for dusting plants. 2,400,702; May 21.

Messinger Manufacturing Company, assignee: *See*—
Messinger, George S.
Messinger, George S. and C.

Messinger, William, Philadelphia, Pa. Hydraulic pump. 2,403,292; July 2.

Messmer, Edwin E., River Edge, N. J., assignor to Amsco Packaging Machinery, Inc., Long Island City, N. Y. Machine for sealing bags. 2,410,834; Nov. 12.

Messmore, Harold E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Sweetening of gasoline. 2,393,476; Jan. 22.

Messmore, Harold E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Thermal insulation of vessels. 2,398,546; Apr. 16.

Messner, Georg: *See*—
Suchy, Robert, and Messner.

Mesta Machine Company, assignee: *See*—
Iversen, Lorenz.

Mestas, Ricardo, Los Angeles, assignor, by mesne assignments, to Kobe, Inc., Huntington Park, Calif. Method and apparatus for analyzing motion or other phenomena. 2,397,032; Mar. 19.

Mestas, Ricardo, Los Angeles, assignor to Kobe, Inc., Huntington Park, Calif. Electric gauge. 2,408,524; Oct. 1.

Mesthene, Emmanuel G.: *See*—
Luttge, William G., and Mesthene.

Meston, Archibald F., Bound Brook, N. J., assignor to Research Corporation, New York, N. Y. Composite electrode. 2,409,579; Oct. 15.

Metal Hydrides Incorporated, assignee: *See*—
Alexander, Peter P.
Archibald, Frederick R., and Alexander.
Davis, Lewis W.

Metal Products Corporation, assignee: *See*—
Kincannon, Leo T.

Metal Specialties Manufacturing Co., assignee: *See*—
Ruskin, Henry.

Metal Textile Corporation, assignee: *See*—
Goodloe, Alfred M.
Hartwell, Ralf L.
Kisch, Louis A.
Springhorn, Charles.
York, Otto H.

Metal & Thermit Corporation, assignee: *See*—
Work, Lincoln T., and Mathias.

Metallisation, Limited, assignee: *See*—
Ballard, William E.

Metallizing Engineering Co., Inc., assignee: *See*—
Shepard, Arthur P.

Metallurgical Processes Co., assignee: *See*—
Ness, Harold J.

Metals and Controls Corporation, assignee: *See*—
Moorhead, John O.

Metals Disintegrating Company, Inc., assignee: *See*—
Hall, Harold E., and Knoll.
Sachse, Julius F.
Ziehl, Othon A.

Metalwash Machinery Company, assignee: *See*—
Zademach, Erich R., and Clarke.

Metcalf, Herbert E., Walnut Creek, assignor to Consolidated Engineering Corporation, Pasadena, Calif. Apparatus for analyzing hydrocarbons. 2,393,650; Jan. 29.

Metcalfe, Samuel L., Camp Swift, Tex. Land mine. 2,399,242; Apr. 30.

Meth, Orval W., Sacramento, Calif. Hydraulic extensible valve tappet. 2,393,793; Jan. 29.

Metropolis Bending Company, assignee: *See*—
Puls, Alfred E., and Swenson.

Metropolitan Device Corporation, assignee: *See*—
Phelps, George H.

Metropolitan Engineering Company, assignee: *See*—
Frischmann, George J., and Brunner.

Metropolitan-Vickers Electrical Company Limited, assignee: *See*—
Baumann, Karl.
Braithwaite, Robert C.
Braithwaite, Robert C., and Wilcox.
Dodds, John M., and Whalley.
Flurscheim, Cedric H.
Haine, Michael E.
Haine, Michael E., and Meek.
Hall, Joseph S.
Smith, David M.
Todd, Keith W.
Whalley, Harry, and Miller.
Whalley, Harry, and Scoles.

Metsger, Alfred B., U. S. Navy. Carburetor arrangement. 2,396,279; Mar. 12.

Mettert, Arthur A., Washington, D. C. Automatic unidirectional gear. 2,395,636; Feb. 26.

Mettetal, Donald, Jr., Indianapolis, Ind. Automatic dirigible tandem wheel unit. 2,409,507; Oct. 15.

Metz, Artur: *See*—
Hildebrand, Paul, and Metz.

Metz, Christopher, Baldwin, N. Y. Game apparatus. 2,392,174; Jan. 1.

Metzger, Claude W., Houston, Tex., and P. R. Snetcher, Oklahoma City, Okla., assignors to Haynes Stellite Company. Rotary cutting tool. 2,399,372; Apr. 30.

Metzger, Floyd J., assignor, by mesne assignments, to U. S. Industrials Chemicals, Inc., New York, N. Y. Production of glycols. 2,409,441; Oct. 15.

Metzger, George H.: *See*—
Murray, John A., and Metzger.

Metzner, Albert W., assignor to The Standard Register Company, Dayton, Ohio. Dual strip feeding apparatus. 2,393,332; Jan. 22.

Metzner, Albert W., and A. A. Gopperton, assignors to The Standard Register Company, Dayton, Ohio. Imprinting apparatus. 2,393,651; Jan. 29.

Metzner, Albert W., and A. A. Gopperton, assignors to The Standard Register Company, Dayton, Ohio. Ink fountain. 2,399,688; May 7.

Metzner, Robert B., assignor to Wheeling Steel Corporation, Wheeling, W. Va. Spinning mechanism. 2,398,438; Apr. 16.

Meuer, George J., Milwaukee, and R. A. Millermaster, Whitefish Bay, assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Rotary electric switch. 2,395,572; Feb. 26.

Meall, Lloyd J., assignor to The Dow Chemical Company, Midland, Mich. Herbicides. 2,392,859; Jan. 15.

Mealy, Walter C.: *See*—
Bradshaw, George B., and Mealy.

Mealy, Walter C., Highland Park, N. J., H. R. Rosenberg, Wilmington, Del., and D. H. Terry, Woodstown, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing sterol derivatives. 2,395,232; Feb. 19.

Meanler, Leon F., Cleveland, Ohio, assignor to Chicago Pneumatic Tool Company, New York, N. Y. Reversible close quarter drill. 2,392,097; Jan. 1.

Meri, George G., New York, N. Y. Combination cigarette and card case. 2,410,987; Nov. 12.

Meri, George G., New York, N. Y. Game board. 2,410,988; Nov. 12.

Meri, George G., New York, N. Y. Picture holder. 2,410,989; Nov. 12.

Meyer, Albert, Albuquerque, N. Mex. Navigator. 2,407,893; Sept. 17.

Meyer, André J., Lexington, Ky., assignor to Mawen Motor Corporation, New York, N. Y. Engine. 2,408,800; Oct. 8.

Meyer, Andres: *See*—
Lear, Earl B., and Meyer.

Meyer, Andrew, Cleveland Heights, assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Snubber for hoists. 2,409,881; Oct. 22.

Meyer, Arthur E., Flushing, assignor to The Maltine Company, Brooklyn, N. Y. Water dispersible hormone preparations and preparing same. 2,394,628; Feb. 12.

Meyer, Edward J., Normandy, Mo., assignor to Curtiss-Wright Corporation. Cannon feed unit. 2,397,601; Apr. 2.

Meyer, Edwin W.: *See*—
Julian, Percy L., and Meyer.

Meyer, Frank W., East St. Louis, Ill. Hydraulic flywheel. 2,404,515; July 23.

Meyer, Fred C.: *See*—
Du Bois, George B., Madden, and Meyer.

Meyer, George J., Milwaukee, assignor to Geo. J. Meyer Manufacturing Co., Cudahy, Wis. Gearbox for bottle cleaning machine. 2,393,394; Jan. 22.

Meyer, George J., Milwaukee, Wis. Vise. 2,407,341; Sept. 10.

Meyer, Geo. J., Manufacturing Co., assignee: *See*—
Meyer, George J.

Meyer, Gerhard, Los Angeles, Calif., assignor to Lane-Wells Company, Los Angeles, Calif. Hose clamp. 2,403,606; July 9.

Meyer, Gerhard, and C. G. Woodmansee, assignor to Lane-Wells Company, Los Angeles, Calif. Hose clamp. 2,403,449; July 9.

Meyer, Henry C. A., Syracuse, assignor to United States Hoffman Machinery Corporation, New York, N. Y. Washing machine. 2,404,450; July 23.

Meyer, Hughan C., Jr., assignor to Foote Mineral Company, Philadelphia, Pa. Non-aqueous gel. 2,409,950; Oct. 22.

Meyer, Joseph B., Kenosha, Wis. Fluid pressure pump. 2,410,354; Oct. 29.

Meyer, Joseph E., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Web breaker. 2,399,445; Apr. 30.

Meyer, Joseph H., Brothers, assignee: *See*—
Casalino, Joseph.

Meyer, Jules: *See*—
Graenacher, Charles, Frei, and Meyer.

Meyer, Leonard S., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Production of synthetic resin coatings. 2,400,016; May 7.

Meyer, Lester W. A., and W. M. Gearhart, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Cellulose organic acid ester plastics containing resacetophenone. 2,393,794; Jan. 29.

Meyer, Max L., Los Angeles, Calif. Tiltable trap chamber measuring dispensing device. 2,407,377; Sept. 10.

Meyer, Maximilian C., Brooklyn, N. Y. Light reflecting ornament. 2,395,492; Feb. 26.

Meyer, Otto, Wynnewood, and L. Stein, Philadelphia, Pa., assignors to Government of the United States of America, as represented by the Secretary of War. Pigeon container. 2,398,797; Apr. 23.

Meyer, Percy, Ottawa, Ontario, Canada, assignor to Shell Development Company, San Francisco, Calif. Spreading agent. 2,397,191; Mar. 26.

Meyer, Raymond E., Fort Wayne, Ind., assignor to Farnsworth Television and Radio Corporation. Modulating systems. 2,395,573; Feb. 26.

Meyer, Roger E., St. Paul, Minn. Auxiliary eyeshield and welding hood. 2,406,092; Aug. 20.

Meyer, Ronald E., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Mineral oil. 2,399,817; May 7.

Meyer, Ronald E., and F. P. Otto, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Preparing high molecular weight aliphatic ketones. 2,410,096; Oct. 29.

Meyer, William: *See*—
Krone, Howard C., and Meyer.

Meyerbach, Max, New York, N. Y. Discharging apparatus. 2,397,192; Mar. 26.

Meyerhans, August, Rieden, near Baden, assignor to Aktiengesellschaft Brown, Boveri & Cie, Baden, Switzerland. High voltage cable connection. 2,396,871; Mar. 19.

Meyerhans, August, Rieden, near Baden, assignor to Aktiengesellschaft Brown, Boveri & Cie, Baden, Switzerland. Electrical transformer. 2,409,882; Oct. 22.

Meyerhoefer, Carl E., assignor to E. A. Laboratories, Inc., Brooklyn, N. Y. Making commutators. 2,400,590; May 21.

Meyerhoefer, Carl E., assignor to E. A. Laboratories, Inc., Brooklyn, N. Y. Lamp. 2,403,108; July 2.

Meyerhoefer, Carl E., assignor to E. A. Laboratories, Inc., Brooklyn, N. Y. Motor mounting for retractable lamps. 2,407,570; Sept. 10.

Meyerhoff, John R., Elizabeth, N. J., assignor to Elastic Stop Nut Corporation of America. Article feeding device. 2,404,648; July 23.

Meyers, Arthur G., Minneapolis, Minn. Nursery chair swing. 2,398,384; Apr. 16.

Meyers, Bernard C., Barberton, Ohio, assignor to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Purification of titanium tetrachloride. 2,412,349; Dec. 10.

Meyers, Willis G., Elmwood Park, Ill. Fuel injection pump. 2,398,798; Apr. 23.

Meystre, Charles: *See*—
Miescher, Karl, and Meystre.

Miami Valley Coated Paper Co., The, assignee: *See*—
Sreere, Alfred A.

Michael, Albert A., Charlotte, N. C. Slack adjuster for brakes. 2,402,828; June 25.

Michael, Ferris E., Rozel, Kans. Twin feed grain blower. 2,405,094; July 30.

Michael, John R., Arab, Ala. Adjustable plow. 2,399,818; May 7.

Michael, Leonard U., Montreal, Quebec, Canada. Turndown shirt collar. 2,408,570; Oct. 1.

Michaels Art Bronze Company, The, assignee: *See*—
Michaels, Frank L.

Michaels, Frank, New York, N. Y. Flexible guard railing. 2,392,755; Jan. 8.

Michaels, Frank L., Fort Thomas, assignor to The Michaels Art Bronze Company, Covington, Ky. Parking meter mechanism. 2,397,878; Apr. 2.

Michaelson, Jesse L., Schenectady, N. Y., assignor to General Electric Company. Color matching apparatus. 2,411,741; Nov. 26.

Michatek, Chester W.: *See*—
Leary, James F.

Michel, A., S.-A.: *See*—
Fritz, Matter.

Michel, Jacob L., assignor to Bluhill Foods, Incorporated, Denver, Colo. Automatic means responsive to quantity of material in discharging receiver for controlling delivery from source. 2,408,221; Sept. 24.

Michel, Philip C., Schenectady, N. Y., assignor to General Electric Company. Electric discharge device circuit. 2407,505; Sept. 10.

Michell, Anthony G. M., Melbourne, Victoria, Australia. Crankless mechanism. 2,401,433; June 4.

Michels, Friedrich: *See*—
Coldberg, Rolf, and Michels.

Michelsen, Henry, Bristol, and C. C. Stevens, Forestville, Conn., assignors to General Motors Corporation, Detroit, Mich. Lapping machine. 2,398,660; Apr. 16.

Michigan Patents Corporation, assignee: *See*—
Cox, Robert G.

Michigan State Board of Agriculture, assignee: *See*—
Lewis, Ralph W.

Michigan Tool Company, assignee: *See*—
Pelphrey, Harry.
Staub, Charles R.

Michna, Edward N., Detroit, Mich. Conveyer mechanism. 2,398,148; Apr. 9.

Michyeta, Andrew, Hinsdale, Ill. Ash receiver. 2,410,606; Nov. 5.

Micromatic Hone Corporation, assignee: *See*—
Kline, John E.

Micropat, Inc., assignee: *See*—
Holbrook, John K.

Microstat Corporation, assignee: *See*—
Pratt, Verneur E.

Mid-Continent Petroleum Corporation, assignee: *See*—
Dons, Eddie M., and Mauro.

Middlemiss, Joseph E., Sommerton, Pa. Safety device for mechanical time fuses. 2,398,439; Apr. 16.

Middleton, Donald R., assignee, et al.: *See*—
Bixby, William H.

Middleton, Leslie H., Toledo, Ohio. Generator. 2,397,614; Apr. 2.

Midland Steel Products Company, assignee: *See*—
Maddock, Robert H., and Kricker.

Midling, Sugene A., assignor to Shakespeare Products Company, Kalamazoo, Mich. Cable connector. 2,399,133; Apr. 23.

Mid-States Equipment Company, assignee: *See*—
Nielsen, Clayton P.

Mid-States Gummed Paper Co., assignee: *See*—
Humphner, Fredinand W.

Mid-West Bottle Cap Co., assignee: *See*—
Sonnenberg, Rudolph.

Mieher, Walter W.: *See*—
Maybarduk, Leon A., Mieher, Zand, and White.

Mieher, Walter W., Mineola, and J. D. Mallett, Garden City, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. High-frequency apparatus. 2,407,318; Sept. 10.

Miescher, Karl: *See*—
Hartman, Max, Miescher, Kaegi, and Bosshard.

Miescher, Karl, Riehen, and J. Heer, Basel, Switzerland, assignors to Ciba Pharmaceutical Products Inc., Summit, N. J. Esters and producing same. 2,395,934; Mar. 5.

Miescher, Karl, Riehen, and C. Meystre, Basel, Switzerland, assignors to Ciba Pharmaceutical Products Incorporated, Summit, N. J. Stable, supersaturated solutions of saccharide derivatives of the suprarenal cortical hormone series and making same. 2,411,631; Nov. 26.

Miescher, Karl, Riehen, and A. Marzer, Basel, Switzerland, assignors to Ciba Pharmaceutical Products, Incorporated, Summit, N. J. Amino alcohols and preparing the same. 2,411,664; Nov. 26.

Miesegaes, William, New York, N. Y. Question and answer device. 2,394,711; Feb. 12.

Miessner, Benjamin F., assignor to Miessner Inventions, Inc., Harding Township, Morris County, N. J. Apparatus for the production of music. 2,413,062; Dec. 24.

Miessner Inventions, Inc., assignee: *See*—
Miessner, Benjamin F.

Mighton, Charles J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Halloprene copolymer. 2,392,756; Jan. 8.

Mighton, Charles J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthetic drying oils. 2,401,769; June 11.

Mignon, George E., Sydney, New South Wales, Australia. Safety razor frame. 2,402,116; June 11.

Migrdichian, Vartkes, Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Resinous dibasic carboxylic acid salts of a guanidine as mothproofers. 2,409,883; Oct. 22.

Mihalyi, Joseph: *See*—
Holmes, Frederick M. E., and Mihalyi.
MacNeille, Stephen M., and Mihalyi.

Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Range finder. 2,401,700; June 4.

Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Range finder. 2,401,701; June 4.

Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Range finder. 2,401,702; June 4.

Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Prism adjusting and positioning mechanism. 2,401,703; June 4.

Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Range finder. 2,401,704; June 4.

Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Range finder. 2,401,705; June 4.

Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Range finder. 2,401,706; June 4.

Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Mount for optical elements. 2,403,737; July 9.

Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Range finder construction. 2,403,738; July 9.

Mihalyi, Joseph, H. A. Bing, and L. J. Craig, assignors to Eastman Kodak Company, Rochester, N. Y. Coincidence type range finder. 2,398,026; Apr. 9.

Mihalyi, Joseph, H. A. Bing, and L. J. Craig, assignor to Eastman Kodak Company, Rochester, N. Y. Invert field range finder. 2,398,027; Apr. 9.

Mihalyi, Joseph, and S. M. MacNeille, assignors to Eastman Kodak Company, Rochester, N. Y. Range finder. 2,401,707; June 4.

Mihalyi, Joseph, and S. M. MacNeille, assignors to Eastman Kodak Company, Rochester, N. Y. Range finder. 2,401,708; June 4.

Mihalyi, Joseph, and F. Tuttle, assignors to Eastman Kodak Company, Rochester, N. Y. Range finder. 2,401,709; June 4.

Mihalyi, Joseph, and S. M. MacNeille, assignors to Eastman Kodak Company, Rochester, N. Y. Range finder. 2,401,710; June 4.

Mikeska, Louis A., Westfield, N. J., assignor to Standard Oil Development Company. Production of wax modifying agents. 2,393,181; Jan. 15.

Mikina, Stanley J.: *See*—
Hanna, Clinton R., and Mikina.

Mikos, John J.: *See*—
Rawlins, Herbert L., and Mikos.

Milady Brassiere & Corset Co. Inc., assignee: *See*—
Gerace, Elvira.

Milan, Roland W.: *See*—
Mathis, John A., and Milan.

Milas, Nicholas A., Belmont, Mass., assignor to Research Corporation, New York, N. Y. Hydroxylation of aromatic hydrocarbons. 2,395,638; Feb. 26.

Milas, Nicholas A., Belmont, Mass., assignor to Research Corporation, New York, N. Y. Hydroxylation of unsaturated carboxylic acid compounds and the like. 2,402,566; June 25.

Milas, Nicholas A., Belmont, Mass., assignor to Research Corporation, New York, N. Y. Synthesis of 1-alkyl-8-methyl hexahydroindanone-4. 2,407,672; Sept. 17.

Milas, Nicholas A., Belmont, Mass., assignor to Research Corporation, New York, N. Y. Synthesis of 1-keto-8-methylhexahydroindanol-1. 2,407,673; Sept. 17.

Milas, Nicholas A., Belmont, Mass., assignor to Research Corporation, New York, N. Y. Alkyl ethers of vitamin D. 2,410,893; Nov. 12.

Milas, Nicholas A., Belmont, Mass., assignor to Research Corporation, New York, N. Y. Synthesis of ethers of vitamin A. 2,412,465; Dec. 10.

Milasus, Aloysius G., Roselle, N. J. Telephone line pulsing device. 2,410,178; Oct. 29.

Milberg, Lester S., Brooklyn, N. Y. Lady's slip. 2,404,451; July 23.

Milbourne, Charles G., Los Angeles, Calif., assignor to The United Gas Improvement Company. Chemical process. 2,393,333; Jan. 22.

Milburn, Alexander, Company, The, assignee: *See*—
Jenkins, Alexander F.

Mildrum, Roy F.: *See*—
Marancik, Joseph V., and Mildrum.

Miles Aircraft Limited, assignee: *See*—
Miles, George H.

Miles, Charles F.: *See*—
Christner, Howard F., Lobley, and Miles.

Miles, Francis H., Jr.: *See*—
Woodberry, John H., Storm, Barker, Miles, Brayton, and Seavey.

Miles, Frank D., West Kilbride, and H. Jackson, Saltcoats, Scotland, assignors to Imperial Chemical Industries Limited. Preparation of pure nitroguanidine. 2,392,860; Jan. 15.

Miles, George H., assignor to Miles Aircraft Limited, Reading, England. Actuating aircraft control surfaces. 2,400,017; May 7.

Miles, George S., Maywood, assignor to Bendix Aviation Corporation, Teterboro, N. J. Step-by-step follow-up and antihunt mechanism. 2,409,300; Oct. 15.

Miles, James C., Cleveland, Ohio. Hot-air furnace. 2,408,087; Sept. 24.

Miles Laboratories, Inc., assignee: *See*—
Beardsley, Charles S.
Compton, Walter A., and Nicholls.
Kamlet, Jonas.
Nicholls, Richard S.

Miles, William S., Hastings on Hudson, and P. A. Voigt, Bellerose Manor, assignors to Johns-Manville Corporation, New York, N. Y. Tool. 2,402,426; June 18.

Milheizler, Joseph M., assignor to H. K. Porter Company, Inc., Pittsburgh, Pa. Engine housing for locomotives or the like. 2,407,506; Sept. 10.

Millus Shoe Company, assignee: *See*—
Brady, James R., and Moskowitz.

Milkoff, John, New York, N. Y. Combined carrying case and table. 2,406,237; Aug. 20.

Millar, Norval P., Swampscott, Mass., assignor to General Electric Company. Power factor meter. 2,402,904; June 25.

Millar, William N., Toronto, Ontario, Canada. Aircraft float. 2,396,189; Mar. 5.

Millard, Dwight H., Norwalk, Calif. Rotary pump. 2,406,959; Sept. 3.

Millard, Harold F., Crab Orchard, Nebr. Implement for disposing chinch bug barrier around planted fields. 2,393,395; Jan. 22.

Millard, Robert K., Ingomar, Pa. Leveling bar for coke ovens or the like. 2,399,281; Apr. 30.

Millelot, Paul W., Jr.: *See*—
Robinson, John E., and Millelot.
Robinson, John E., and Millelot, Jr.

Millenger, William H., assignor to Woodall-Duckham (1920) Limited, Gullford, England. Tubular heat exchange apparatus. 2,404,187; July 16.

Miller, Albert F.: *See*—
Reifsnyder, James D., and Miller.

Miller, Albert J., assignee, et al.: *See*—
Bell, Arthur R.

Miller, Albert R., Hialeah, Fla. Yieldable support for vibratory mechanisms. 2,411,383; Nov. 19.

Miller, Albert W., Jamaica, N. Y. Detachable coupling. Re. 22,810; Nov. 5.

Miller, Albert W., Jamaica, N. Y. "C" clamp. 2,408,801; Oct. 8.

Miller, Alfred B.: *See*—
Place, Willard P., and Miller.

Miller, Alfred B., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Remote-control system. 2,398,588; Apr. 16.

Miller, Alfred B., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Selective control and indication system. 2,400,257; May 14.

Miller, Alfred B., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Selective control and indication system. 2,400,260; May 14.

Miller, Andrew J., New Orleans, La. Hanger for books. 2,395,749; Feb. 26.

Miller, Arthur W.: *See*—
McMahon, John H., and Miller.

Miller, Bruce De H., assignor to The Girdler Corporation, Louisville, Ky. Mixing apparatus. 2,402,905; June 25.

Miller, Carl E.: *See*—
Moore, George E., and Miller.

Miller, Carroll E., and D. H. Parker, assignors to Cone Automatic Machine Company Inc., Windsor, Vt. Cam cutting machine. 2,409,301; Oct. 15.

Miller, Cearcy D., Hampton, Va. High-speed camera. 2,400,885; May 28.

Miller, Cearcy D., Hampton, Va. Nonintermittent motion-picture projector. 2,400,886; May 28.

Miller, Cearcy D., Hampton, Va. High-speed motion-picture camera. 2,400,887; May 28.

Miller, Charles E., Scotia, and R. J. Demartini, Schenectady, N. Y., assignors to General Electric Company. Material testing apparatus. 2,411,450; Nov. 19.

Miller, Charles W.: *See*—
Dodds, John M., and Miller.
Whalley, Harry, and Miller.
Yuan, Luke Chia-Liu.

Miller, Clifford E., St. Louis, Mo. Tap fixture. 2,398,661; Apr. 16.

Miller Company, The, assignee: *See*—
Naysmith, Shirley R.

Miller, Daniel, Montebello, Calif. Miniature gasoline engine. 2,410,229; Oct. 29.

Miller, David H., P. H. Knowles, and W. A. Hughes, Wilton, assignors to The Gilbert and Bennett Manufacturing Company, Georgetown, Conn. Molded friction element. 2,403,674; July 9.

Miller, David J., Jr., assignor, by mesne assignments, to Philco Corporation, Philadelphia, Pa. Variable gain amplifier. 2,412,279; Dec. 10.

Miller, Dewey A., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Separator tank. 2,393,498; Jan. 22.

Miller, Donald B., assignor to Stromberg-Carlson Company, Rochester, N. Y. Telephone substation apparatus. 2,410,787; Nov. 5.

Miller, Donald J., assignor to American Anode, Inc., Akron, Ohio. Nondeteriorating rubber insulated wire. 2,411,284; Nov. 19.

Miller, Donald L.: *See*—
Whitney, Maurice P., Buxton, and Miller.

Miller, Donald L., Pine City, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine starter gearing. 2,397,033; Mar. 19.

Miller, Edward F., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Wallet. 2,402,764; June 25.

Miller, Edward G., and R. E. Engberg, assignors, by mesne assignments, to Allied Control Company, Inc., New York, N. Y. Self-locking bolt. 2,398,838; Apr. 23.

Miller, Edward G., and R. E. Engberg, assignors, by mesne assignments, to Allied Control Company, Inc., New York, N. Y. Switch. 2,407,378; Sept. 10.

Miller, Edward W., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Method and machine for finishing the teeth of gear shaving cutters and the like. 2,405,159; Aug. 6.

Miller, Edwin, Jeannette, Pa. Tire building apparatus. 2,406,093; Aug. 20.

Miller, Edwin A., Fairfield, Conn. Multiple anchoring means. 2,393,923; Jan. 29.

Miller, Edwin A., Fairfield, Conn. Push fastener. 2,409,508; Oct. 15.

Miller Engineering Corporation, assignee: *See*—
Miller, Raymond J.

Miller, Ernest M., North Hollywood, assignor to Twentieth Century-Fox Film Corporation, Los Angeles, Calif. Carbon for arc lights. 2,393,396; Jan. 22.

Miller, Florence G., executrix: *See*—
Miller, Frank P.

Miller, Frank E.: *See*—
Down, Sidney G., and Miller.

Miller, Frank P., deceased; R. W. Thomas and F. G. Miller, executors, assignors to R. W. Thomas, Meadville, Pa. Inserted blade cutter. 2,395,287; Feb. 19.

Miller, Frank P., deceased; R. W. Thomas and F. G. Miller, executors, assignors to R. W. Thomas, Meadville, Pa. Inserted blade cutter. 2,395,288; Feb. 19.

Miller, Frank W., assignor to Francklare Company, Chicago, Ill. Cleaning steam boilers. 2,404,516; July 23.

Miller, Frederick R., Newark, N. J. Light screen. 2,398,799; Apr. 23.

Miller, Frederick W., Jr.: *See*—
Gribbins, Myers F., Miller, and O'Leary.

Miller, George, assignor of one-half to J. B. Hudson, Philadelphia, and one-half to A. L. Kusner, Landsdowne, Pa. Race track device. 2,396,280; Mar. 12.

Miller, George L., Graham, Tex. Food jar extractor tool for pressure cookers. 2,396,334; Mar. 12.

Miller, Glen W., Glendale, E. L. Kells, Montrose, and D. H. Larsen, Los Angeles, Calif. Absorption refrigeration cycle. 2,408,802; Oct. 8.

Miller, Gustavus H., Portland, Oreg. Wood bleach and making same. 2,397,193; Mar. 26.

Miller, Gustavus H., Portland, Oreg. Synthetic resins and adhesives and making same. 2,397,194; Mar. 26.

Miller, Harry: *See*—
Hale, William J., and Miller.

Miller, Henry, assignor to W. C. Edge Company, Newark, N. J. Jewelry clasp. 2,397,284; Mar. 26.

Miller, Henry C., assignor to Eli Lilly and Company, Indianapolis, Ind. Aqueous solution of riboflavin. 2,395,378; Feb. 19.

Miller, Henry P., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Vulcanization of chloroprene polymers. 2,395,493; Feb. 26.

Miller, Herbert L., Miami, Okla. Flange spreader. 2,393,795; Jan. 29.

Miller, Herbert W., Burbank, Calif. Water heater. 2,404,860; July 30.

Miller, Irving B., assignor of one-half to S. Gross, and one-half to H. J. Blackman, Chicago, Ill. Hat size reducer. 2,406,700; Aug. 27.

Miller, Irving B., assignor to H. J. Blackman, Chicago, Ill. Hat size reducer. 2,406,701; Aug. 27.

Miller, James B., Webster Groves, assignor to Mines Equipment Company, St. Louis, Mo. Electrical connecting unit. 2,407,894; Sept. 17.

Miller, James B., Webster Groves, and J. H. Simpson, Maplewood, assignors to Mines Equipment Company, St. Louis, Mo. Plug connector. 2,396,872; Mar. 19.

Miller, James T., assignor to The Kawneer Company, Niles, Mich. Glass holding device. 2,411,691; Nov. 26.

Miller, John: *See*—
Collins, Ronald B., and Miller.

Miller, John B., Niagara Falls, assignor to The Titanium Alloy Manufacturing Company, New York, N. Y. Preparing zirconium oxide. 2,392,605; Jan. 8.

Miller, John E., Chicago, Ill. Bottle carrier. 2,401,578; June 4.

Miller, John G.: *See*—
Lembitz, Joseph J., Martin, and Miller.

Miller, John H., Short Hills, N. J., assignor to Weston Electrical Instrument Corporation, Newark, N. J. Exposure meter. 2,408,944; Oct. 8.

Miller, John H., Short Hills, N. J., assignor to Weston Electrical Instrument Corporation, Newark, N. J. Electrical testing apparatus. 2,410,386; Oct. 29.

Miller, John W.: *See*—
Jones, Don F., Miller, and Figg.

Miller, John W., assignor to Motor Wheel Corporation, Lansing, Mich. Burner. 2,392,757; Jan. 8.

Miller, John W., London, N. W. 9, assignor to Goodmans Industries Limited, Wembley, Middlesex, England. Electrical coil-winding machine. 2,412,280; Dec. 10.

Miller, Joseph: *See*—
Newman, Edwin B., and Miller.

Miller, Joseph E., Oak Park, and P. L. Osweiler, La Grange, Ill., assignors, by mesne assignments, to Price Brothers Company, Dayton, Ohio. Prestressed steel pipe. 2,401,092; May 28.

Miller, Joseph F. G., South Arlington, Va., and R. MacHenry, Washington, D. C. Installing magnetic detecting devices and supports therefor. 2,405,595; Aug. 18.

Miller, Joseph M., Littleton, Colo., assignor to J. D. Cothran, Grass Lake, Mich. Knife and scissor sharpener. 2,406,094; Aug. 20.

Miller, Joshua, Drexel Park, Pa., and B. L. Kauffman, Collingswood, N. J. Improvement in parachute harness. 2,408,088; Sept. 24.

Miller, Kay, Auburn, Ind., assignor to The Atwood Vacuum Machine Company, Rockford, Ill. Two-way clutch. 2,406,238; Aug. 20.

Miller, Kay, assignor to The Atwood Vacuum Machine Company, Rockford, Ill. Two-way clutch. 2,407,819; Sept. 10.

Miller, Kenneth G., Lansing, Mich. Carboy crate. 2,399,499; Apr. 30.

Miller, Kenneth J., Binghamton, N. Y., assignor to Owens-Corning Fiberglas Corporation. Treatment of glass fibers. 2,403,872; July 9.

Miller, Kent, Aiken, S. C. Horse eyeshield. 2,407,029; Sept. 3.

Miller Laundry Machinery Company, assignee: *See*—
Locke, Arthur A., and Ternes.

Miller, Lauritz N., Eugene, Oreg. Differential convertible gasoline-Diesel engine. 2,405,596; Aug. 13.

Miller, Lawrence F.: *See*—
Hess, F. O., Miller, and Dietrich.

Miller, Leonidas C., Los Angeles, Calif., assignor of one-half to Eastman Oil Well Survey Company, Dallas, Tex., and one-half to Eastman Oil Well Survey Corporation, Long Beach, Calif. Reading device. 2,395,674; Feb. 26.

Miller, Leslie T., Stoneleigh, assignor to The Glenn L. Martin Company, Middle River, Md. Automatic dilution system. 2,408,265; Sept. 24.

Miller, Leslie T., Stoneleigh, assignor to The Glenn L. Martin Company, Middle River, Md. Automatic dilution system control valve. 2,408,266; Sept. 24.

Miller, Leslie W., assignor to The Morgan Crucible Company Limited, London, England. Variable electrical resistance. 2,406,503; Aug. 27.

Miller, Leslie W., and S. D. Mahlstadt, Waverly, Iowa. Apparatus for embedding an elongated flexible member in a moldable material. 2,408,149; Sept. 24.

Miller, Lloyd L., et al., assignee: *See*—
Gray, John de W., and Stone.

Miller, Lloyd W., assignee: *See*—
Cook, George W.

Miller, Logan C., Ann Arbor, and G. E. Scarlett, Detroit, assignors to Ford Motor Company, Dearborn, Mich. Constructing tubular fuselages. 2,409,782; Oct. 22.

Miller, Loren B.: *See*—
Fishack, Howard G., Miller, and Shively.

Miller, Louis G., and W. H. Statler, Bethlehem, Pa., assignors to Bethlehem Steel Company. Car brake. 2,411,974; Dec. 3.

Miller, Louis L.: *See*—
Lorig, Frank W., Miller, and Robinson.

Miller, Mark E., Shelbyville, Ill. Casket rack. 2,400,312; May 14.

Miller, Martha W., assignor to Basic Vegetable Products Co., Vacaville, Calif. Dehydrating vegetables. 2,406,431; Aug. 27.

Miller, Max, Washington, D. C. Connector for timbers or the like. 2,396,717; Mar. 19.

Miller, Merton R., Evanston, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Cathode ray apparatus. 2,399,754; May 7.

Miller, Mike A., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Brazing. 2,403,109; July 2.

Miller, Mike A., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Joining aluminum. 2,403,110; July 2.

Miller, Mike A., New Kensington, and W. E. White, Plum Township, Allegheny County, assignors to Aluminum Company of America, Pittsburgh, Pa. Removing oxide coating from aluminum surfaces. 2,399,134; Apr. 23.

Miller, Milo F., Kansas City, Mo. Intermittent switch. 2,407,571; Sept. 10.

Miller, Obmer R., Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Frequency measuring system. 2,405,597; Aug. 13.

Miller, Obmer R., Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electronic counter. 2,407,320; Sept. 10.

Miller, Pharis, Elizabeth, N. J., assignor, by mesne assignments, to Standard Catalytic Company. Preparation of aviation gasoline from normally gaseous hydrocarbons. 2,398,908; Apr. 23.

Miller, Pharis, Mountainside, N. J., and E. Lieber, West New Brighton, N. Y., assignors to Standard Oil Development Company. Treating Diesel fuels. 2,402,427; June 18.

Miller Pottery Engineering Company, assignee: *See*—
Miller, William J.
Miller, William J., and Reek.

Miller Printing Machinery Co., assignee: *See*—
Neuhart, Andrew.
Saul, August A.

Miller, Ralph: *See*—
Hixson, Arthur W., and Miller.

Miller, Ralph, Buffalo, N. Y. Liquid fuel injection apparatus. 2,401,579; June 4.

Miller, Ralph, and R. L. Jansen, Buffalo, N. Y., assignors to Worthington Pump and Machinery Corporation, Harrison, N. J. Internal-combustion engine. 2,400,247; May 14.

Miller, Ralph W., and O. W. Andrews, Barberton, Ohio, assignors to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Peeling potatoes. 2,399,282; Apr. 30.

Miller, Raymond J., Detroit, Mich. Pattern having integral vent-forming members. 2,394,394; Feb. 5.

Miller, Raymond J., Detroit, Mich. Multiple rheostat and potentiometer. 2,398,758; Apr. 16.

Miller, Raymond J., assignor to Bendix Aviation Corporation, Detroit, Mich. Fluid transmission. 2,393,862; Jan. 29.

Miller, Raymond J., assignor to American Pattern and Manufacturing Co., a copartnership, Detroit, Mich. Motion picture projector. 2,394,867; Feb. 12.

Miller, Raymond J., assignor, by direct and mesne assignments, to Miller Engineering Corporation, Detroit, Mich. Forming multiple patterns. 2,399,373; Apr. 30.

Miller, Richard A., Milford, Va. Rat trap. 2,410,990; Nov. 12.

Miller, Richard D., special administrator: *See*—
MacGregor, Wallace F.

Miller, Richard G., Milwaukie, Oreg. Low inflation alarm for vehicle tires. 2,411,285; Nov. 19.

Miller, Robert A., Tarentum, and C. Howard, Rochester, Pa., assignors to Pittsburgh Plate Glass Company, Folding door. 2,408,525; Oct. 1.

Miller, Robert H., Brisbane, Calif. Glue clamping device. 2,407,436; Sept. 10.

Miller, Robert J., and J. T. Rutherford, Berkeley, assignors, by mesne assignments, to California Research Corporation, San Francisco, Calif. Compounded lubricating oil. 2,412,903; Dec. 17.

Miller, Robert L., and M. Bartz, Valparaiso, Ind., assignors to Chicago Wheel & Manufacturing Company, Chicago, Ill. Portable motor-driven tool. 2,411,584; Nov. 26.

Miller, Robert N., Rosemont, and W. H. Grindall, Narberth, assignors to The Pennsylvania Railroad Company, Philadelphia, Pa. Brush. 2,398,241; Apr. 9.

Miller, Robert S., assignee: *See*—
Nichols, Bertie.

Miller, Russell F., U. S. Navy. Heating shield for all types of airplane engines. 2,404,394; July 23.

Miller, Samuel C., assignee: *See*—
Leverte, Robert J.

Miller, Stephen J., Danbury, Conn. Hat ironing machine. 2,399,932; May 7.

Miller, Theodore, assignor to George Gorton Machine Co., Racine, Wis. Mechanism for guiding multiple tools. 2,405,663; Aug. 13.

Miller, Tobias, Point Lookout, Long Island, N. Y. Hand grenade. 2,393,861; Jan. 29.

Miller, Virden L.: *See*—
O'Neal, Owen L., and Miller.

Miller, Wade E., assignor to Aircraft Tools, Inc., Los Angeles, Calif. Micrometer stop countersink. 2,409,377; Oct. 15.

Miller, Ward E., and B. J. Porter, Albert Lea, Minn. Visual milk tester. 2,411,384; Nov. 19.

Miller, Wayland R., Whitefish Bay, assignor to Perfex Corporation, Milwaukee, Wis. Control system. 2,402,177; June 18.

Miller, William A., Port Jefferson Station, N. Y., assignor to Radio Corporation of America. Electronic switch. 2,402,917; June 25.

Miller, William A., Port Jefferson Station, N. Y., assignor to Radio Corporation of America. Measuring system and triangular wave generator for use therein. 2,413,063; Dec. 24.

Miller, William A., Port Jefferson, and E. R. Shenk, Brooklyn, N. Y., assignors to Radio Corporation of America. Frequency divider. 2,399,135; Apr. 23.

Miller, William H., Jr., South Orange, N. J., assignor to Gallowhur Chemical Corporation. Inflatable floating solar still with capillary feed. 2,412,466; Dec. 10.

Miller, William J., assignor to Miller Pottery Engineering Company, Swissvale, Pa. Apparatus for use in manufacturing pottery ware. 2,392,399; Jan. 8.

Miller, William J., assignor to Miller Pottery Engineering Company, Swissvale, Pa. Pottery machine. 2,399,689; May 7.

Miller, William J., assignor to Miller Pottery Engineering Company, Swissvale, Pa. Pottery slip-casting apparatus. 2,402,655; June 25.

Miller, William J., assignor to Miller Pottery Engineering Company, Swissvale, Pa. Apparatus for use in manufacturing potteryware. 2,402,656; June 25.

Miller, William J., assignor to Miller Pottery Engineering Company, Swissvale, Pa. Apparatus for producing pottery ware. 2,407,321; Sept. 10.

Miller, William J., Swissvale, assignor to Miller Pottery Engineering Company, Swissvale, Pittsburgh, Pa. Apparatus for preparing clay for jiggering in the manufacture of potteryware. 2,408,803; Oct. 8.

Miller, William J., Swissvale, assignor to Miller Pottery Engineering Company, Swissvale, Pittsburgh, Pa. Apparatus for manufacturing jiggered potteryware. 2,408,804; Oct. 8.

Miller, William J., Swissvale, assignor to Miller Pottery Engineering Company, Swissvale, Pittsburgh, Pa. Apparatus for the manufacture of potteryware. 2,409,172; Oct. 8.

Miller, William J., Swissvale, assignor to Miller Pottery Engineering Company, Swissvale, Pittsburgh, Pa. Pudding machine. 2,409,221; Oct. 15.

Miller, William J., assignor to Miller Pottery Engineering Company, Swissvale, Pittsburgh, Pa. Apparatus for preparing mixtures of ceramic materials in the manufacture of potteryware. 2,413,330; Dec. 31.

Miller, William J., assignor to Elliott Bay Mill Co., Seattle, Wash. Veneer clipper and control means thereof. 2,394,324; Feb. 5.

Miller, William J., assignor to Elliott Bay Mill Co., Seattle, Wash. Resiliently supported shear block. 2,405,598; Aug. 13.

Miller, William J., assignor to Elliott Bay Mill Co., Seattle, Wash. Resilient hold-down device. 2,408,330; Sept. 24.

Miller, William J., assignor to The City Asphalt and Paving Company, Youngstown, Ohio. Spreader box. 2,403,820; July 9.

Miller, William J., Pittsburgh, assignor to Miller Pottery Engineering Company, Swissvale, Pa. Apparatus for producing potteryware. 2,409,999; Oct. 29.

Miller, William J., Frankstown Estates, Pa., and A. J. Reek, Jonesboro, Ind., assignors to Miller Pottery Engineering Company, Swissvale, Pittsburgh, Pa. Method and apparatus for appendaging potteryware. Re. 22,823; Dec. 24.

Miller, William J., and A. C. Johnson, assignors to Elliot Bay Mill Co., Seattle, Wash. Electric control means for veneer clippers. 2,394,558; Feb. 12.

Miller, William J., Swissvale, and A. J. Reek, Carrick, assignors to Miller Pottery Engineering Company, Swissvale, Pa. Method and apparatus for appendaging potteryware. 2,410,123; Oct. 29.

Miller Wrapping and Sealing Machine Company, assignee: *See*—
Arvidson, Bengt A.

Millermaster, Ralph A.: *See*—
Meuer, George J., and Millermaster.

Millhiser, Frederick R., Chesterfield County, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Method and apparatus for yarn processing. 2,395,136; Feb. 19.

Milligan, Winfred O.: *See*—
Welser, Harry B., and Milligan.

Millikan, Charles V., Tulsa, Okla., assignor to Geophysical Research Corporation, New York, N. Y. Oil well testing device. 2,395,137; Feb. 19.

Milliken, Humphreys, Mount Royal, Quebec, Canada. Circuit breaker. 2,396,742; Mar. 19.

Milliken, Humphreys, Mount Royal, Quebec, Canada. Apparatus for converting heat energy into useful work. 2,404,395; July 23.

Millikin, Arnold S.: *See*—
Bohmer, Clarence I., and Millikin.

Millikin, Arnold S., assignor to The Jaeger Machine Company, Columbus, Ohio. Machine for lifting and stacking receptacles. 2,409,302; Oct. 15.

Millington, John W.: *See*—
Bazzoni, Charles B., and Millington.

Millington, John W., Beaumont, Tex., assignor to Sperry-Sun Well Surveying Company, Philadelphia, Pa. Electrical prospecting method and apparatus. 2,398,800; Apr. 23.

Millins, Terence W., Willesden Junction, assignor to Rotax Limited, London, England. Power transmission mechanism. 2,411,101; Nov. 12.

Millman, Herman, New York, N. Y. Developing rack. 2,402,765; June 25.

Milins, Terence W., Willesden Junction, London, assignor to Rotax Limited, London, England. Nut and screw mechanism. 2,393,924; Jan. 29.

Milliott, Arthur T., and E. C. Graham, assignors to Conditioned Air Equipment Co., Minneapolis, Minn. Refrigerator. 2,408,805; Oct. 8.

Mills, Albert W., and F. J. Furman, Endicott, and E. J. Rabenda, Binghamton, assignors to International Business Machines Corporation, New York, N. Y. Accounting mechanism. 2,399,755; May 7.

Mills, Albert W., and F. J. Furman, Endicott, and E. J. Rabenda, Binghamton, assignors to International Business Machines Corporation, New York, N. Y. Addressing machine. 2,412,527; Dec. 10.

Mills, Bert E., St. Charles, assignor to Mills Industries, Incorporated, Chicago, Ill. Quiz machine. 2,401,434; June 4.

Mills, Bert E., Oak Park, assignor to Mills Novelty Company, Chicago, Ill. Film cleaning device. 2,408,438; Oct. 1

Mills, Earl S., Eugene, Oreg. Denture packing. 2,410,453; Nov. 5.

Mills Engineering Company, assignee: *See*—
Mills, Herbert E.

Mills, Erwin S., Cleveland Heights, and E. A. Linsday, Willoughby, Ohio, assignors to General Electric Company. Tubular lamp and holder therefor. 2,412,826; Dec. 17.

Mills, Gillis A., Pikesville, Md. Game. 2,409,144; Oct. 8.

Mills, Harry C., Rye, N. Y. Loop transferring device. 2,411,452; Nov. 19.

Mills, Herbert E., Cleveland, Tenn. Gas burner construction. 2,396,800; Mar. 19.

Mills, Herbert E., assignor, by mesne assignments, to Mills Engineering Company, Detroit, Mich. Air-conditioned electric cooking oven. 2,408,331; Sept. 24.

Mills Industries, Incorporated, assignee: *See*—
Mills, Bert E.

Mills, Mark M.: *See*—
Malina, Frank J., and Mills.

Mills Novelty Company, assignee: *See*—
Mills, Bert E.
Minarik, Anthony, Jr.

Mills Scaffold Company Limited, assignee: *See*—
Macbeth, Allan.

Mills, William L., Waco, Tex. Razor. 2,407,030; Sept. 3.

Milner, Duncan C.: *See*—
Bosomworth, George P., and Milner.

Milner, Floyd W.: *See*—
Clymer, Alvin L.

Milner, Harry L., Cheltenham, England, assignor to Rotol Limited. Aerodynamic balancing of airscrews or like rotating bodies. 2,400,942; May 28.

Milner, Harry L., Cheltenham, England, assignor to Rotol Limited. Gauges for airfoils. 2,402,567; June 25.

Milner, Leopold, assignee: *See*—
Karasik, Leo.

Milone, Samuel, and C. W. Rothfeld, Philadelphia, Pa. Rivet. 2,405,897; Aug. 13.

Milone, Samuel, and C. W. Rothfeld, Philadelphia, Pa. Setting rivets. 2,405,898; Aug. 13.

Milos, Louis W., Clifton, N. J. Oil burner. 2,394,629; Feb. 12.

Milwaukee Electric Tool Corporation, assignee: *See*—
Beckwith, Wendell K.

Milwaukee Gas Specialty Company, assignee: *See*—
Mantz, Harold A.
Wasson, Loerwood C.

Mims, Harvey N.: *See*—
Bannon, John H., and Mims.

Minaker, Herbert L., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Vacuumizing and gassing filled containers. 2,412,167; Dec. 3.

Minarik, Anthony, Jr., and S. H. R. Ericson, assignors to Mills Novelty Company, Chicago, Ill. Apparatus for applying rotating bands to projectile shells. 2,406,392; Aug. 27.

Mine Safety Appliances Company, The, assignee: *See*—
Dauster, John F.
Feigley, David A., Jr.
Jackson, Carey B.
Jackson, Carey B., Schneider, and Yant.
Jacobson, Moses G., and Hartline.
Murphy, Cornelius J., and Yant.
Vennble, Emerson.
Yant, William P.
Yant, William P., Jacobson, and Strange.

Miner, Alexander S., New York, N. Y. Producing whip. 2,412,629; Dec. 17.

Miner, Alice T., trustee, assignee, et al.: *See*—
Geiger, William A.

Miner, George A., Manchester, N. H., assignor to United Shoe Machinery Corporation, Flemington, N. J. Tack pulling machine. 2,400,159; May 14.

Miner, Robert V.: *See*—
Malcolmson, William J., and Miner.

Miner, W. H., Inc., assignee: *See*—
Dath, George E.
Dath, George E., and Olander.
Dath, George W.
Haseltine, Stacy B.
Johnson, George A., and Haseltine.
Lehman, Edward H.
Lehman, Edward H., and Dath.
Lounsbury, Harvey J.
Marquardt, Leonard A.
Olander, Roland J.

Miner, Walter A., Jr.: *See*—
Leibe, Frank A.

Miner, William H., Foundation, The, assignee: *See*—
Geiger, William A.

Minerals Separation North American Corporation, assignee: *See*—
Cole, A. T., Duke, and McMurray.
Schilling, Karl F.

Mines Equipment Company, assignee: *See*—
Miller, James B.
Miller, James B., and Simpson.

Minger, Forest R.: *See*—
Heath, Sheldon B., and Minger.

Miniature Precision Bearings, assignee: *See*—
Pierce, Winslow S., Jr.

Mininberg, Nathan D., New York, N. Y. Therapeutic-oscillation applicator. 2,412,093; Dec. 3.

Mining Process and Patent Company, assignee: *See*—
Daman, Arthur C.
Daman, Arthur C., and Logue.
Finney, John H. V.
Logue, Leland H.

Mining Safety Device Company, The, assignee: *See*—
Merritt, Glenn W.

Minkler, Chester T., Newport, R. I. Torpedo exploding mechanism. 2,397,678; Apr. 2.

Minkler, Chester T., Newport, R. I. Magnetically controlled torpedo firing mechanism. 2,398,801; Apr. 23.

Minkler, Everett and F. E., Los Angeles, Calif. Apparatus for sawing stone. 2,411,585; Nov. 26.

Minkler, Floyd E.: *See*—
Minkler, Everett and F. E.

Minneapolis-Honeywell Regulator Company, assignee: *See*—
Baak, Albert E.
Beam, Vilynn O., Cyr, and Wilson.
Borell, George L.
Edelman, Walter E.
Gille, Willis H.
Guthrie, Robert G., and Chumasero.
Hartig, Henry E.
Hermanson, Henning S.
Holmes, Gifford I.
Issersteadt, Siegfried G.
Joesting, Frederick D.
Kronmiller, Carl G.
Malek, Sidney K.
McGrath, William L.
Newton, Alwin B.
Olson, Kenneth W.
Peterson, Du Wayne J.
Shivers, Paul F.
Sparrow, Hubert T.
Sparrow, Hubert T., Taylor, and Witts.
Taylor, Daniel G.
Wilson, John M.

Minneapolis-Moline Paper Implement Company, assignee: *See*—
Wuertz, Paul P. and E. J.

Minnesota Mining & Manufacturing Company, assignee: *See*—
Anderson, Arthur A.
Brinker, Howard C., and Gehrenbeck.
Davis, Edward P.
Drew, Richard G.
Gulden, Kenneth C.
Keligren, Waldo.
Keligren, Waldo, and Hurd.
Lessin, Maurice E.
Lundquist, William E., and Keligren.

Minnesota Mining & Manufacturing Company, assignee: *See*—Continued.
Merrill, Grant S.
Palmquist, Philip V., Cross, and Netherly.
Smith, Fred A.
Stephens, Henry N.
Stephens, Henry N., Gehrenbeck, and Guthrie.
Wartha, Alfred J.

Minnesota and Ontario Paper Company, assignee: *See*—
Barrett, William.
Barrett, William H., and Asdell.

Minnick, Charles H., and E. Shive, Dallas, Tex. Abrading and polishing tool. 2,402,069; June 11.

Minshall, Robert J., F. P. Laudan, and E. G. Emery, Jr., Seattle, Wash., assignors, by mesne assignments, to the United States of America, as represented by the Secretary of War. Bomb release. 2,405,752; Aug. 13.

Minsk, Louis M.: *See*—
Kenyon, William O., Murray, and Minsk.

Mintken, John F., Dalton, Nebr. Rotary rod weeder. 2,398,385; Apr. 16.

Minton, Gerald Z., Tarentum, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Glass supporting skeleton mold. 2,408,526; Oct. 1.

Minton, John P., and R. A. Broding, Dallas, Tex., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Method and apparatus for recording seismic waves. 2,392,758; Jan. 8.

Minyard, Ira T., Odessa, Tex. Paraffin scraper. 2,397,679; Apr. 2.

Mirel, Arthur G., assignor to Structural Planeparts, Inc., New York, N. Y. Metalworking machine. 2,410,298; Oct. 29.

Mis, John J., Chicago, Ill. Piston construction. 2,396,018; Mar. 5.

Misfeldt, Charles C., Glendale, Calif. Alloy. 2,400,566; May 21.

Mishawaka Rubber & Woolen Manufacturing Company, assignee: *See*—
Blair, George W., Schott, and Faulk.
Cunningham, Marion M.
Tabel, John E., Jr., and Keene.

Miskel, John J., Brooklyn, N. Y., assignor to National Oil Products Company, Harrison, N. J. Anticorrosion composition. 2,403,293; July 2.

Missien, Edward J.: *See*—
Weyandt, Carl S., and Missien.

Mission Manufacturing Company, assignee: *See*—
Young, Henry B.

Mistell, René, New York, N. Y. Notice impelling device. 2,405,320; Aug. 6.

Mital, John E.: *See*—
Zuidema, Hilbert H., and Mital.

Mitchell, Alexander R., Dedham, Mass. Snap fastener. 2,397,801; Apr. 2.

Mitchell, Aloysius: *See*—
Osborne, Sidney G., and Mitchell.

Mitchell, Donald H., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Article handling apparatus. 2,394,630; Feb. 12.

Mitchell, Donald H., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Tilting apparatus. 2,398,715; Apr. 16.

Mitchell, Donald H., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Control system for wave-signal receivers. 2,409,058; Oct. 8.

Mitchell, Doren, Bound Brook, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. System for the transmission of motion. 2,395,575; Feb. 26.

Mitchell, Doren, Bound Brook, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Privacy system. 2,405,599; Aug. 13.

Mitchell, Douglas W., Ottawa, Ontario, Canada, assignor to Electronic Laboratories, Inc. Aerial mounting. 2,397,161; Mar. 26.

Mitchell, Frederick C., Wilmington, Del., J. C. Lawrence, Moylan, Pa., and J. L. Stecher, Wilmington, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Apparatus for making alkyl lead compounds. 2,2411,453; Nov. 19.

Mitchell, George A., assignor to Manning, Maxwell & Moore, Inc., Muskegon, Mich. Power unit for traveling cranes. 2,406,889; Sept. 3.

Mitchell, Hubert L., Houston, Tex. Navigational computing instrument. 2,408,571; Oct. 1.

Mitchell, Irvin R., assignor to A. Leschen & Sons Rope Company, St. Louis, Mo. Forming loops. 2,413,642; Dec. 31.

Mitchell, James A., Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Pressure sensitive products. 2,395,419; Feb. 26.

Mitchell, John E. M., Parkersburg, W. Va., assignor to Porcelain Products, Inc., Findlay, Ohio. Bushing insulator. 2,408,990; Oct. 8.

Mitchell, John W., and A. Herron, Irvine, Calif. Merchandise loader. 2,411,286; Nov. 19.

Mitchell, Louis J., assignor, by mesne assignments, to Jack & Heintz Precision Industries, Inc., Cleveland, Ohio. Bolt ejector for thread rollers. 2,411,982; Dec. 3.

Mitchell, Luther L., Anniston, Ala. Basket. 2,407,507; Sept. 10.

Mitchell, Melville J., Highland Park, Ill., assignor to International Harvester Company. Tractor-mounted corn picker. 2,398,028; Apr. 9.

Mitchell, Paul J., Jr.: *See*—
Smith, Joseph E., and Mitchell.

Mitchell, Roscoe A., Evansville, Ind. Bottle cap or jar cover remover. 2,407,793; Sept. 17.

Mitchell, Thomas A., Torrance, Calif., assignor, by mesne assignments, to Molybdenum Corporation of America, New York, N. Y. Making manganese. 2,398,589; Apr. 16.

Mitchell, Thomas A., Torrance, Calif., assignor, by mesne assignments, to Molybdenum Corporation of America, New York, N. Y. Electrolytic cell. 2,398,590; Apr. 16.

Mitchell, Thomas A., Torrance, Calif., assignor, by mesne assignments, to Molybdenum Corporation of America, New York, N. Y. Making chromium and its alloys. 2,398,591; Apr. 16.

Mitchell, Wallace F., assignor to Automotive Maintenance Machinery Co., Chicago, Ill. Cylinder grinding tool. 2,400,430; May 14.

Mitchell, Wallace F., Chicago, assignor to Automotive Maintenance Machinery Co., North Chicago, Ill. Boring machine. 2,401,838; June 11.

Mitchell, Wallace F., Chicago, assignor to Automotive Maintenance Machinery Co., North Chicago, Ill. Boring machine. 2,413,574; Dec. 31.

Mitchell, Walter G., Aurora, assignor to Sears, Roebuck and Co., Chicago, Ill. Pinking shears. 2,395,896; Mar. 5.

Mitchell, Walter G., Aurora, assignor to Independent Pneumatic Tool Company, Chicago, Ill. Centrifugal governor for tools. 2,402,972; July 2.

Mitchell, Walter G., Aurora, assignor to Independent Pneumatic Tool Company, Chicago, Ill. Tool for installing tubular rivets. 2,403,675; July 9.

Mitchella, Clyde B.: *See*—
Nielsen, James S., and Mitchella.

Mittelmann, Eugen, Chicago, Ill. Apparatus for drying materials. 2,397,615; Apr. 2.

Mitten, John T., assignor to Bell Aircraft Corporation, Buffalo, N. Y. Vehicle undercarriage. 2,402,428; June 18.

Mittermaier, Armin F., Fort Wayne, Ind., assignor to General Electric Company. Spark plug construction. 2,400,364; May 14.

Mizell, George P., Washington, D. C. Valve grinder. 2,400,160; May 14.

Mizrach, Isador, Brooklyn, assignor to Pritt Novelty Co., Inc., New York, N. Y. Machine for assembling bar pins. 2,401,652; June 4.

Mobile Refrigeration, Inc., assignee: *See*—
Lodwig, Erwin.

Mobius, Curt E.: *See*—
Kline, Bernard L., and Mobius.

Mobley, James C., and B. C. Skinner, Dunedin, Fla., said Mobley assignor to said Skinner. Feeding apparatus. 2,393,334; Jan. 22.

Mobley, William R., Miami, Fla. Process and apparatus for reclaiming grease. 2,405,705; Aug. 13.

Mock, Frank C., assignor to Bendix Aviation Corporation, South Bend, Ind. Charge forming device. 2,411,287; Nov. 19.

Mock, Frank C., and E. J. Partington, assignors to Bendix Aviation Corporation, South Bend, Ind. Charge forming device. 2,404,081; July 16.

Mockridge, Chester R., Nutley, and R. W. Allerton, Short Hills, assignors to Worthington Pump and Machinery Corporation, Harrison, N. J. Multiple orifice throttling device. 2,400,161; May 14.

Modesto Manufacturing Co., assignee: *See*—
Toti, Andrew J., and Snowden.

Modine, Arthur B., assignor to Modine Manufacturing Company, Racine, Wis. Radiator tube construction. 2,396,522; Mar. 12.

Modine Manufacturing Company, assignee: *See*—
Modine, Arthur B.
Perkins, Charles T.
Spieth, Benjamin.

Modlinski, Michael, Chicago, Ill. Heat and cold applicator. 2,403,676; July 9.

Moe, Robert E., Bridgeport, Conn., assignor to General Electric Company. Saw-tooth wave generator. 2,412,064; Dec. 3.

Moe, William W., Stratford, Conn., assignor to General Electric Company. Signal responsive control system. 2,405,843; Aug. 18.

Moecker, Henry, Jr., W. H. Frick, E. W. Meacham, and H. K. White, Cleveland, Ohio, assignor to American Stove Company, St. Louis, Mo. Range. 2,402,429; June 18.

Moeller, William C., Kansas City, Mo. Pocket dispenser. 2,408,150; Sept. 24.

Moen, Alfred M., Seattle, Wash. Compass. 2,393,698; Jan. 29.

Moen, Edwin, New London, Conn. Self-addressing envelope. 2,405,511; Aug. 6.

Moessinger, Albert, assignor to Sulzer Frères, Société Anonyme, Winterthur, Switzerland. Device for tensioning moving cords or strips. 2,398,547; Apr. 16.

Moessinger, Albert, assignor to Sulzer Frères, Société Anonyme, Winterthur, Switzerland. Device for forming selvages on woven fabrics. 2,399,880; May 7.

Moessinger, Albert, assignor to Sulzer Frères, Société Anonyme, Winterthur, Switzerland. Weft inserting device. 2,399,881; May 7.

Moffatt, Isabelle B., administratrix: *See*—
Beregh, Theodore J.

Moffitt, William E., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Transmission. 2,398,839; Apr. 23.

Mog, Frank G.: *See*—
Fenner, James M., and Mog.

Mohaupt, Henry H.: *See*—
Leech, Abner Y., Jr., and Mohaupt.

Mohaupt, Henry H., Washington, D. C., assignor to Société Anonyme de Gestion et d'Exploitation de Brevets, Switzerland. Method and apparatus for cutting or punching sheet material. 2,407,093; Sept. 3.

Mohawk Carpet Mills, Inc., assignee: *See*
Hamilton, Kenneth.

Mohler, Jacob G., Mohnton, Pa. Sod cutter. 2,401,653; June 4.

Mohling, Gunther, Loudonville, N. Y., assignor to Allegheny Ludlum Steel Corporation. Heat resisting alloys containing cobalt. 2,397,034; Mar. 19.

Mohling, Gunther, Loudonville, N. Y., assignor to Allegheny Ludlum Steel Corporation. Increasing the high temperature strength of heat-resisting alloys. 2,401,580; June 4.

Mohn, Howard C., Hosiery Co. Inc., assignee, et al.: *See*—
Killian, Ezekiel.

Mohns, David F., assignor to The Parker Pen Company, Janesville, Wis. Fountain pen. 2,400,768; May 21.

Mohr, Albert, Jr., assignee, et al.: *See*—
Wetherbee, Harry L.

Mohr, Albert, Jr., and J. P. Grilli, Chicago, Ill. Bell for blast furnaces. 2,398,386; Apr. 16.

Mohr, Albert, Jr., and J. P. Grilli, Chicago, Ill. Blast furnace charging system. 2,408,945; Oct. 8.

Mohr, Albert C., Arcadia, Calif., assignor, by mesne assignments, to Chemical Construction Corporation, New York, N. Y. Production of sulphur dioxide. 2,406,890; Sept. 3.

Mohr, John C., Irvington, N. J. Pressing device. 2,385,898; Mar. 5.

Mohr, Milton E.: *See*—
Meacham, Larned A., Mohr, and Parker.

Moineau, René J. L., Paris, France. Reversible fluid-operated and fluid-operating mechanism. 2,409,688; Oct. 22.

Molat, Joseph H.: *See*—
Riker, Robert T., and Molat.

Molat, Joseph H., New York, N. Y. Anchoring device. 2,403,541; July 9.

Molchan, Stephen, Jersey City, N. J. Curling rod. 2,404,517; July 23.

Molded Latex Products, Inc., assignee: *See*—
Hagen, John A., Gregor, and Prendergast.

Mole-Richardson Co., assignee: *See*—
Richardson, Elmer C.

Moles, Frank J., Schenectady, N. Y., assignor to General Electric Company. Power cable for high-frequency oscillators. 2,409,640; Oct. 22.

Molinari, Vittorio, North Plainfield, N. J., assignor to Bakelite Corporation. Treatment of petroleum tar acids fractions. 2,393,699; Jan. 29.

Molinari, Vittorio, North Plainfield, N. J., assignor to Bakelite Corporation. Treatment of crude tar acids fractions. 2,393,700; Jan. 29.

Molins, Desmond W., and F. F. Ruau, Deptford, assignors to Molins Machine Company Limited, London, England. Ammunition hopper for use on automatic guns. 2,401,654; June 4.

Molins Machine Company Limited, assignee: *See*—
Harvey, Valentine P., and Mason.
Jackson, Donald R. P.
Molins, Desmond W., and Ruau.
Parry, Frank.
Ruau, Félix F.

Moll, Oswin C., Manhasset, N. Y. Conduit connector. 2,399,933; May 7.

Mollenhour, Delbert C., Mentone, Ind., assignor to F. I. Saemann, New York, N. Y. Artificial arm and hand. 2,409,884; Oct. 22.

Möller, Fredrik A., Haren, near Groningen, Netherlands; vested in the Alien Property Custodian. Nutrient materials. 2,396,592; Mar. 12.

Möller, Kasper F., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Drilling. 2,396,335; Mar. 12.

Molnar, Eugene J.: *See*—
Joy, Homer van B.

Molnar, Eugene J., Toledo, Ohio. Sulphide impression material. 2,397,144; Mar. 26.

Molybdenum Corporation of America, assignee: *See*—
Mitchell, Thomas A.

Monaco, George C., Douglaston Hills, N. Y. Article handling apparatus. 2,404,882; July 30.

Monaghan, Henry W., assignor to Higgins Industries, Inc., New Orleans, La. Muffler for marine power plants. 2,404,589; July 23.

Monahan, John C., assignor to Gar Wood Industries, Inc., Detroit, Mich. Dump truck hydraulic control. 2,401,498; June 4.

Monath, Paul, Hewlett, N. Y. Self-stirring cooking utensil. 2,396,924; Mar. 19.

Money, Roland H., Mount Healthy, and J. W. Craig, Cincinnati, Ohio, assignors to The Crosley Corporation. Refrigerating apparatus. 2,412,904; Dec. 17.

Monfils, Napoleon A.: *See*—
Quinn, Edward, and Monfils.

Monger, James F., Chicago, Ill. Car construction. 2,392,759; Jan. 8.

Monier, Jean B., Galt, Ontario, Canada. Thermoplastic lacquer and preparing same. 2,411,665; Nov. 26.

Monier, Jean B., Galt, Ontario, Canada. Molding composition and the article produced thereby. 2,411,666; Nov. 26.

Monitor Controller Company, The, assignee: *See*—
Frese, Joseph F.

Monmouth Products Company, assignee: *See*—
Kuenhold, Otto J., Sr.

Monnet, Georges, Washington, D. C. Safety razor. 2,394,001; Feb. 5.

Monnet, Georges, New York, N. Y. Grape processing machine. 2,398,440; Apr. 16.

Monori, Emil, and C. B. Myhre, Wilkinsburg, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Ground detector. 2,409,885; Oct. 22.

Monowatt Electric Corporation, assignee: *See*—
Benander, George B.
Whisler, Ralph H., Jr.

Monroe Auto Equipment Company, assignee: *See*—
Whisler, Ralph H., Jr.

Monroe Calculating Machine Company, assignee: *See*—
Chase, George C.
Crosman, Loring P.
Schaper, Leonard W.

Monroe, Charles Z., Detroit, Mich., assignor to The American Paper Bottle Company, Toledo, Ohio. Flame defoamer. 2,398,189; Apr. 9.

Monroe, Charles Z., Detroit, Mich., assignor to The American Paper Bottle Company, Toledo, Ohio. Container fabricating machine. 2,399,934; May 7.

Monroe, Charles Z., Detroit, Mich., assignor to The American Paper Bottle Company, Toledo, Ohio. Mechanism for partially closing containers. 2,410,587; Nov. 5.

Monroe, Ezra: *See*—
Britton, Edgar C., and Monroe.

Monroe, George S.: *See*—
Ipatieff, Vladimir N., and Monroe.

Monsanto Chemical Company, assignee: *See*—
Aelony, David.
Billings, Howard J.
Blake, Edward S.
Carswell, Thomas S.
Craver, John K.
Debacher, Max O.
Deebel, George F.
Durgin, Charles B.
Durland, John R.
Emerson, William S.
Filachione, Edward M.
Foster, Scott H.
Gluesenkamp, Earl W.
Hardy, Edgar E., and Kosolapoff.
Healy, John J., Jr., Taylor, and Abbiati.
Hetzel, Eugene N., and Taylor.
Heyd, Josef W.
Hochwalt, Carroll A.
Hubbard, Findley E., and McCullough.
Kosmin, Milton.
Kosolapoff, Gennady M.
Krase, Herbert J.
Kyrides, Lucas P.
Kyrides, Lucas P., and Zienty.
Lans, Andre N.
Lewis, William F.
Luce, Stewart B.
McCullough, Campbell R., and Gehrke.
Mowry, David T.
Murdock, Frederick M.
Nason, Howard K.
Rosenquist, Edward N., and Sudhoff.
Scott, Milton J.
Seymour, Raymond B.
Thomas, Charles A.
Thomas, Charles A., and Kosolapoff.
Weyl, Woldemar, and Kreidl.
Weyl, Woldemar A.
Whitehead, George W.
Wilson, William S., and Dole.

Monsarrat, Nicholas, Seekonk, Mass., assignor to Pantex Pressing Machine, Inc., Central Falls, R. I. Variable tension recoil means for garment pressing machines. 2,398,909; Apr. 23.

Monson, Louis T., Alhambra, Calif., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Reducing or preventing foam. 2,408,527; Oct. 1.

Monson, Louis T., Alhambra, and O. C. Shepard, Palo Alto, Calif., assignors to Petrolite Corporation, Ltd. Separating minerals by flotation. 2,395,639; Feb. 26.

Monson, Louis T., Alhambra, W. W. Anderson, Montebello, and F. W. Jenkins, Los Angeles, Calif., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Resolving oil-in-water emulsions. 2,407,895; Sept. 17.

Montague, Harry, assignee, et al.: *See*—
Trilling, David M., and Rich.

Montague, Homer R., Washington, D. C. Transcribing device. 2,410,835; Nov. 12.

Montalbano, Anthony, Baton Rouge, La. Adjustable mounting and propulsion means. 2,399,500; Apr. 30.

Montalvo, Leonilo, New York, N. Y. Magnetic means for keeping umbrellas closed. 2,405,044; July 30.

Montcalm, Incorporated, assignee: *See*—
Roth, Joseph N.

Montclair Research Corporation, assignee: *See*—
Joy, Homer van B.
MacKenzie, Charles A., and Spialter.
Rust, John B.
Rust, John B., and Hessel.
Rust, John B., and Van Delden.

Montclair Research Corporation, assignee, et al.: *See*—
Rust, John B., and MacKenzie.

Montgomery Brothers, assignee: *See*—
Conant, Alan B.

Montgomery, Charles W.: *See*—
Berg, Lloyd, Sumner, and Montgomery.

Montgomery, Charles W., Aspinwall, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Isomerization of normal butane to isobutane. 2,410,894; Nov. 12.

Montgomery, Duncan B.: *See*—
Harcourt, Guy N., and Montgomery.

Montgomery, George C., and R. W. McOmie, Wilmington, assignors to Shell Development Company, San Francisco, Calif. Production of catalytically cracked gasoline. 2,400,431; May 14.

Montgomery, James V., Brownwood, Tex., L. B. Goodson, Fort Schuyler, N. Y., and R. W. Henry, Bartlesville, Okla., assignors to Phillips Petroleum Company. Refining mineral oils. 2,409,059; Oct. 8.

Montgomery, Robert, and G. W. Schane, assignors to The Budd Company, Philadelphia, Pa. Structure for supporting fuel tank in aircraft wings. 2,407,614; Sept. 10.

Montgomery, Terryl B., Wauwatosa, and C. O. Weilbaecher, West Allis, assignors to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Control system. 2,397,152; Mar. 26.

Montgomery Ward & Co., Inc., assignee: *See*—
Muerle, Richard W.

Montgomery, William J., Warren, Ohio. Method and apparatus for cleaning furnace checkers and flues. 2,409,442; Oct. 15.

Moo, Gothard T., Cranston, assignor to Weskenson Corporation, Providence, R. I. Controllable clutch. 2,402,829; June 25.

Moody, George D., Portland, Oreg. Laminated beam for hay stackers. 2,392,760; Jan. 8.

Moody, John L.: *See*—
Friden, Carl M., and Moody.

Moody, John L., Oakland, Calif., assignor to Friden Calculating Machine Co., Inc. Calculating machine. 2,403,111; July 2.

Mook, Glenn C., and R. W. Ricker, assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Heat absorbing glass. 2,397,195; Mar. 26.

Moon, Cecil F., Cricklewood, London, and N. Collinson-Jones, Hatch End, England. Fire resisting coating and impregnating compositions. 2,407,615; Sept. 10.

Moon, Ernest F., Denver, Colo., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Honing machine. 2,406,556; Aug. 27.

Mooney, Melvin, Lake Hiawatha, and E. M. Grabbe, Nutley, N. J., and G. G. Havens, San Diego, Calif., assignors to United States Rubber Company, New York, N. Y. Making rubber articles. 2,402,430; June 18.

Moor, Herman L., Olive Township, St. Joseph County, Ind. Pipe forming machine. 2,406,025; Aug. 20.

Moore, Bart, Jr., assignee: *See*—
Turner, William L.

Moore Business Forms, Inc., assignee: *See*—
Gilbert, Joseph A.
Kerr, James G., and Scott.
Seeley, Harry E.

Moore, Byron P., Clayton, N. Mex. Protector or canopy. 2,398,441; Apr. 16.

Moore, Charles O.: *See*—
Schmidt, Eugene.

Moore, Coleman B., Carroll Park, assignor to Moore Products Co., Philadelphia, Pa. Pneumatic comparator gauges. 2,410,671; Nov. 5.

Moore Company, The, assignee: *See*—
Elder, Charles J.

Moore, David P., Forest Hills, N. Y., assignor to Premium Merchandising Corporation. Fountain pen. 2,398,548; Apr. 16.

Moore, David W., Jr., New York, N. Y., assignor to Fairchild Camera and Instrument Corporation. Transmitter for telemetering system. 2,402,973; July 2.

Moore, Derwin V.: *See*—
Thompson, Harry H., and Moore.

Moore, Dewey R., Holdenville, Okla. Weight indicator. 2,393,053; Jan. 15.

Moore, Dewey R., Holdenville, Okla. Rotary drilling mud separator. 2,396,336; Mar. 12.

Moore, Edgar D.: *See*—
McIntosh, Thomas J.

Moore Equipment Company, assignee: *See*—
Allison, Lloyd G.

Moore Filter Company Limited, The, assignee: *See*—
Moore, Richard P.

Moore, Frank J., Beacon, assignor to The Texas Company, New York, N. Y. Conversion of hydrocarbons. 2,402,830; June 25.

Moore, Frank L., Flushing, N. Y., assignor to The Gray Manufacturing Company, Hartford, Conn. Electric recorder-reproducer unit. 2,410,607; Nov. 5.

Moore, George A., Jr., executor, et al.: *See*—
Moore, George A.

Moore, George A., Medford, Mass., G. A., Jr., H., and L. Moore, executors of said G. A. Moore, deceased. Set-screw. 2,408,267; Sept. 24.

Moore, George E., Muskegon Heights, and C. E. Miller, North Muskegon, Mich., assignors to Manning, Maxwell & Moore, Inc., Bridgeport, Conn. Grip lifter. 2,413,366; Dec. 31.

Moore, George L., Chicago, Ill. Bottle and closure therefor. 2,396,337; Mar. 12.

Moore, George Y., Compton, Calif. Pin welding gun. 2,401,655; June 4.

Moore, Harold A., Riverhead, N. Y., assignor to Radio Corporation of America. Lightweight masts. 2,409,060; Oct. 8.

Moore, Harold E., Columbus, Ohio. Ice cream mix and the production thereof. 2,398,950; Apr. 23.

Moore, Harold G.: *See*—
Adams, George M., and Moore.

Moore, Harrington, executor, et al.: *See*—
Moore, George A.

Moore, Harry N., assignor to Endicott Johnson Corporation, Endicott, N. Y. Leather rolling machine. 2,399,819; May 7.

Moore, Horace T.: *See*—
Brown, Dayton T., Yujuico, and Moore.

Moore, John R., Schenectady, N. Y., assignor to General Electric Company. Gyroscopic device. 2,406,845; Sept. 3.

Moore, Lawrence, executor, et al.: *See*—
Moore, George A.

Moore, Maurice L., Detroit, Mich., assignor to Sharp & Dohme, Incorporated, Philadelphia, Pa. Sulphanilylsulphanilamide derivatives. 2,404,737; July 23.

Moore, Norman Y.: *See*—
Griffin, Roger L., and Moore.

Moore Products Co., assignee: *See*—
Moore, Coleman B.

Moore, Ralph S., Visalia, Calif. Toy helicopter. 2,400,704; May 21.

Moore, Richard P., Roodekop, near Germiston, Transvaal, assignor to The Moore Filter Company Limited, Johannesburg, Transvaal, Union of South Africa. Maintaining constant differential pressure across valves. 2,396,962; Mar. 19.

Moore, Robert C.: *See*—
Bingley, Frank J., and Moore.

Moore, Robert P., Chapel Hill, N. C. Extension table slide. 2,399,283; Apr. 30.

Moore, Sidney A., assignor to The Prime Manufacturing Company, Milwaukee, Wis. Multiple wire electric fence. 2,398,442; Apr. 16.

Moore, Stanley S., Stockton, Calif. Stabilizer. 2,399,284; Apr. 30.

Moore, Thomas, Chicago, Ill. Decorative lighting set. 2,402,766; June 25.

Moore, Thomas W.: *See*—
Fordham, Thomas B., and Moore.

Moore, Thomas W., assignor to The Leland Electric Company, Dayton, Ohio. Regulating mechanism. 2,396,593; Mar. 12.

Moore, Thomas W., assignor to The Leland Electric Company, Dayton, Ohio. Insulation remover. 2,396,594; Mar. 12.

Moore, Thomas W., assignor to The Leland Electric Company, Dayton, Ohio. Regulating mechanism. 2,396,595; Mar. 12.

Moore, Thomas W., assignor to The Leland Electric Company, Dayton Ohio. Regulating mechanism. 2,396,596; Mar. 12.

Moore, Warren Lee, Danville, Ky. Vehicle wheel. 2,398,951; Apr. 23.

Moore, Wiley T.: *See*—
Patch, Earl S., and Moore.

Moore, Wiley T., U. S. Army, Laverne, Okla., J. H. Church, Austin, Minn., and W. E. Thibodeau, Cleveland, Ohio. Fuse. 2,400,128; May 14.

Moore, Willard, assignee: *See*—
Allison, Lloyd G.

Moore, William D.: *See*—
Rouse, John W., and Moore.

Moore, William E., Pittsburgh, Pa., assignor to Delaware Engineering Corporation. Furnace tilting device. 2,402,505; June 18.

Moore, William E., assignor to Delaware Engineering Corporation, Pittsburgh, Pa. Electric arc furnace. 2,412,000; Dec. 3.

Moore, Willis F., assignor to Bryant Chucking Grinder Company, Springfield, Vt. Gauge. 2,396,383; Mar. 12.
Moorhead, John O., assignor to Metals and Controls Corporation, Attleboro, Mass. Gas burner system. 2,408,673; Oct. 1.
Moorman, Arthur R.: *See*—
Dickinson, John T., and Moorman.
Moose, John, Alhambra, Calif. Egg opening device. 2,394,250; Feb. 5.
Morabito, Joseph A., Chelsea, Mass. Cloth guide for sewing machines. 2,411,102; Nov. 12.
Morack, Marvin M., Scotia, N. Y., assignor to General Electric Company. Electric valve system. 2,411,742; Nov. 26.
Moraine Box Company, assignee: *See*—
Coye, Clarence W.
Moran, Edward V., Billings, Mont., assignor to La Plant-Choate Manufacturing Co., Inc., Cedar Rapids, Iowa. Tractor implement. 2,404,518; July 23.
Moran, Harold, Lincoln Park, N. J. Automatic emergency brake release for motor vehicles. 2,411,632; Nov. 26.
Moran, James M.: *See*—
Gale, Shirley I., Moran, and Heinz.
Moran, Terence J., Freeport, N. Y., assignor to J. F. Perry, Newark, N. J., and L. R. Cutler, Freeport, N. Y. Compound rivet. 2,392,491; Jan. 8.
Morand, Donald A., Portland, Oreg. Spring catch. 2,394,395; Feb. 5.
Morand, Louis D., Clifton, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Machine for sealing-in of vitreous bulbs. 2,396,801; Mar. 19.
Morberg, Kenneth F., assignor to H. A. Torstenson, Chicago, Ill. Magazine hammer. 2,399,374; Apr. 30.
Morcaldi D', Rosaria F., Boston, Mass. Knotted-loop work which cannot unravel when cut and producing the same. 2,402,568; June 25.
Morcaldi D', Rosaria F., East Boston, Mass. Knotted needlework with tied loops. 2,407,031; Sept. 3.
Mordan, Joseph R., Alden, N. Y. Air jet propelled top. 2,393,796; Jan. 29.
Moreau, Jorge E.: *See*—
Moreau, Santiago and M. H. and J. E.
Moreau, Marcelo H.: *See*—
Moreau, Santiago, and M. H. and J. E.
Moreau, Santiago, M. H., and J. E., Buenos Aires, Argentina. Radiographic filter. 2,405,444; Aug. 6.
Morehead, Chalmers, East Orange, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Miniature fluorescent and/or glow lamp. 2,392,333; Jan. 8.
Morehead, Frederick F., West Chester, Pa., assignor to American Viscose Corporation, Wilmington, Del. Molding device. 2,402,338; June 18.
Morehouse, Eugene, Providence, R. I., assignor to B. A. Ballou & Co., Inc. Separable members. 2,406,026; Aug. 20.
Morehouse, Eugene M., Burbank, Calif., assignor to Adel Precision Products Corp. Supporting clip for conduits. Re. 22,824; Dec. 24.
Morehouse, Eugene M., Tujunga, Calif., assignor to Adel Precision Products Corp. Self-locking nut. 2,393,054; Jan. 15.
Morehouse, Eugene M., Tujunga, Calif., assignor to Adel Precision Products Corp. Subassembly conduit clip. 2,396,925; Mar. 19.
Morehouse, Eugene M., Tujunga, Calif., assignor to Adel Precision Products Corp. Snap-on clip. 2,397,680; Apr. 2.
Morehouse, Eugene M., Tujunga, Calif., assignor to Adel Precision Products Corp. Wire or conduit clip. 2,408,572; Oct. 1.
Morehouse, Eugene M., Tujunga, Calif., assignor to Adel Precision Products Corp. Sheet metal nut. 2,408,573; Oct. 1.
Morehouse, Eugene M., Tujunga, Calif., assignor to Adel Precision Products Corp. Tool for installing conduit clips. 2,409,784; Oct. 22.
Morehouse, Walter B., Auburndale, Mass. Combination bactericidal and illuminating lamp. 2,407,379; Sept. 10.
Moreillon, Albert E., and J. A. Hunt, assignors to The Heywood Compressor Company Limited, Redditch, England. Priming of internal-combustion engines. 2,411,103; Nov. 12.
Morey, Arthur H., and A. Howard, Schenectady, N. Y., assignors to General Electric Company. Gas turbine power plant. 2,403,388; July 2.
Morey, Donald R., Rochester, N. Y., and R. L. Tichenor, Oak Ridge, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Cellulose organic acid ester plastics containing a 3-alkyl 2-phenylimino benzothiazoline. 2,393,801; Jan. 29.
Morey, Donald R., Rochester, N. Y., and R. L. Tichenor, Oak Ridge, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Cellulose organic acid ester plastics containing N N'-diphenyl acetamidine. 2,393,802; Jan. 29.
Morey, Glen H.: *See*—
Frey, Frederick E., Hepp, and Morey.
Matuszak, Maryan P., and Morey.
Morey, Glen H., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Process and compositions for treating textiles. 2,402,767; June 25.
Morey, Glen H., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Nitro ketals and preparation thereof. 2,406,504; Aug. 27.
Morey, Glen H., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Vinyl resin coating compositions. 2,408,174; Sept. 24.
Morey Machinery Co., Inc., assignee: *See*—
Casella, Secondo L.
Casella, Secondo L., and Himoff.
Himoff, Morris G.
Kurzweil, Robert.
Morey, Robert L., Swampscott, Mass., assignor to General Electric Company. Flexible gear coupling arrangement. 2,403,389; July 2.
Morey, William E., Huntington, W. Va., and R. G. Nichols, Weldon Springs, Mo., assignors to American Car and Foundry Company, New York, N. Y. Reclining seat. 2,400,705; May 21.
Morf, Rudolf: *See*—
Stoll, Arthur, Morf, and Peyer.
Morgan, Adolph R., Merchantville, N. J., assignor to Radio Corporation of America. Piezoelectric apparatus. 2,399,820; May 7.
Morgan, Arthur E., assignee, et al.: *See*—
Bean, Xarifa L.
Morgan Construction Company, assignee: *See*—
Crosby, Fred B.
Hawthorne, Charles W.
Hawthorne, Charles W., and Malm.
Kneass, Strickland, Jr.
Morgan, Myles.
Morgan Crucible Company Limited, The, assignee: *See*—
Miller, Leslie W.
Morgan, David H., Youngstown, Ohio. Door and operating means therefor. 2,407,674; Sept. 17.
Morgan, Earl E., La Fayette, Ind. Bottle carrier. 2,405,758; Aug. 13.
Morgan, Frank M., Glen Ellyn, and S. Wallace, assignors to Sears, Roebuck & Co., Chicago, Ill. Photographic tank reel. 2,400,943; May 28.
Morgan, Harry C., Dayton, Ohio, assignor, by mesne assignments, to Curtis Engineering Company, Inglewood, Calif., a copartnership consisting of W. H. and R. R. Curtis. Multiscale instrument indicating system. 2,394,196; Feb. 5.
Morgan, Harry C., Dayton, Ohio, assignor, by mesne assignments, to Curtis Engineering Company, Inglewood, Calif., a copartnership consisting of W. H. and R. R. Curtis. Radio navigation system and method. 2,396,112; Mar. 5.
Morgan, Harry C., Dayton, Ohio, assignor, by mesne assignments, to Curtis Engineering Company, Inglewood, Calif. Multiple scale, multiple function instrument indicating system. 2,412,350; Dec. 10.
Morgan, Harry W., Pasadena, assignor to Aerojet Engineering Corporation, Azusa, Calif. Motor mounting. 2,400,248; May 14.
Morgan, Jack F.: *See*—
Guenther, Alfred, and Morgan.
Morgan, John D., South Orange, N. J., assignor to Cities Service Oil Company, New York, N. Y. High-temperature greases. 2,393,797; Jan. 29.
Morgan, John D., South Orange, N. J., assignor to Cities Service Oil Company, New York, N. Y. Lubricant for low temperatures. 2,395,379; Feb. 19.
Morgan, John D., South Orange, assignor to Cities Service Oil Company, Hillside, N. J. Hydraulic liquid having a comparatively small change in viscosity. 2,410,608; Nov. 5.
Morgan, John D., South Orange, and R. E. Lowe, East Orange, N. J., assignors to Cities Service Oil Company, New York, N. Y. Paint and varnish removers. 2,393,798; Jan. 29.
Morgan, John D., South Orange, and R. E. Lowe, East Orange, N. J., assignors to Cities Service Oil Company, New York, N. Y. Inhibited turbine oil and the corrosive inhibitor therefor. 2,393,799; Jan. 29.
Morgan, John D., South Orange, and R. E. Lowe, East Orange, N. J., assignors to Cities Service Oil Company, New York, N. Y. Valve lubricants. 2,393,800; Jan. 29.
Morgan, John D., South Orange, and R. E. Lowe, East Orange, N. J., assignors to Cities Service Oil Company, New York, N. Y. Low temperature-high temperature lubricant. 2,395,380; Feb. 19.
Morgan, John D., South Orange, and P. B. Levitt, Millburn, N. J., assignors to Cities Service Oil Company, New York, N. Y. Purification of submarine atmospheres. 2,396,190; Mar. 5.
Morgan, John D., South Orange, and R. E. Lowe, East Orange, N. J., assignors to Cities Service Oil Company, New York, N. Y. Instrument lubricant. 2,396,191; Mar. 5.
Morgan, John D., South Orange, and R. E. Lowe, East Orange, N. J., assignors to Cities Service Oil Company, New York, N. Y. Dental instrument lubricant. 2,396,192; Mar. 5.
Morgan, John D., South Orange, and R. E. Lowe, East Orange, N. J., assignors to Cities Service Oil Company, New York, N. Y. Paint and varnish remover. 2,398,242; Apr. 9.

Morgan, John D., South Orange, and R. E. Lowe, East Orange, N. J., assignors to Cities Service Oil Company, New York, N. Y. Compass fluid. 2,398,662; Apr. 16.
Morgan, John D., South Orange, and R. E. Lowe, East Orange, N. J., assignors to Cities Service Oil Company, New York, N. Y. Polishing cloth. 2,403,821; July 9.
Morgan, John D., South Orange, and R. E. Lowe, East Orange, N. J., assignors to Cities Service Oil Company, New York, N. Y. Instrument lubricant. 2,409,443; Oct. 15.
Morgan, John D., South Orange, and R. E. Lowe, East Orange, N. J., assignors to Cities Service Oil Company, New York, N. Y. Clock lubricant. 2,409,444; Oct. 15.
Morgan, John D., South Orange, and P. B. Levitt, Millburn, N. J., assignors to Cities Service Oil Company, New York, N. Y. Rate of rise-dive indicator. 2,412,740; Dec. 17.
Morgan, John D., South Orange, and A. P. Sullivan, Elizabeth, N. J., assignors to Cities Service Oil Company, New York, N. Y. Detecting free hydrogen in submarine atmospheres. 2,412,827; Dec. 17.
Morgan, John S., Jr., Hermosa Beach, Calif. Centrifugal casting machine. 2,399,446; Apr. 30.
Morgan, John S., Jr., Manhattan Beach, and D. A. Murphy, Torrance, Calif., assignors to The National Superior Company, Toledo, Ohio. Swivel. Re. 22,825; Dec. 24.
Morgan, Mathew B., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Vehicle drive axle gearing. 2,407,675; Sept. 17.
Morgan, Milton F., Shaker Heights, assignor to Republic Steel Corporation, Cleveland, Ohio. Ignition furnace for sintering machines. 2,402,339; June 18.
Morgan, Milton F., Shaker Heights, Ohio. Feeding method and apparatus. 2,409,378; Oct. 15.
Morgan, Myles, assignor to Morgan Construction Company, Worcester, Mass. Conveyer mechanism. 2,392,334; Jan. 8.
Morgan, Quinton P.: *See*—
Wampler, Ivan W., and Morgan.
Morgan, Ralph E., and P. N. Curry, assignors to Duralmetallic Corporation, Kalamazoo, Mich. Stuffing box packing. 2,395,935; Mar. 5.
Morgan, Ralph H.: *See*—
Drexler, Charles, and Morgan.
Morgan, Richard W.: *See*—
Hill, Walter E., Wintle, and Morgan.
Morgan, Russell H., and P. C. Hodges, Chicago, Ill., assignors to the United States of America, as represented by the Director of the Office of Scientific Research and Development. Method of and apparatus for measuring radiations. 2,401,288; May 28.
Morgan, Russell H., and P. C. Hodges, Chicago, Ill., assignors to the United States of America, as represented by the Director of the Office of Scientific Research and Development. Photoelectric timer for roentgen photography. 2,401,289; May 28.
Morgan, Thomas J., Chicago, and A. S. Dearborn, Hinsdale, Ill. Reel structure. 2,392,492; Jan. 8.
Morgan, Willard L.: *See*—
Colbert, William H., and Morgan.
Morgan, Willard L., Columbus, Ohio, assignor to Arnold, Hoffman & Co. Incorporated. Water soluble resinous condensates. 2,408,332; Sept. 24.
Morgan, Willard L., Columbus, Ohio, assignor of one-half to A. E. Staley Manufacturing Company, Decatur, Ill., and one-half to American-Maize Products Company, New York, N. Y. Production of plasticized prolamine and derivative compositions. 2,410,124; Oct. 29.
Morgan, Willard L., Columbus, Ohio, and E. D. McLeod, Rumford, R. I., assignors to Arnold, Hoffman & Co., Incorporated, Providence, R. I. Fatty amide polymers. 2,410,788; Nov. 5.
Morgan, Willard L., Columbus, Ohio, and E. D. McLeod, Rumford, R. I., assignors to Arnold, Hoffman & Co., Incorporated, Providence, R. I. Fatty amide polymers. 2,410,789; Nov. 5.
Morgan, William E., San Francisco, Calif. Head band terminal. 2,412,741; Dec. 17.
Morgenier, August F., Hollis, N. Y. Fuel oil heater. 2,394,868; Feb. 12.
Morgenroth, Henri, Los Angeles, Calif. Liquid metering and distributing apparatus. 2,406,239; Aug. 20.
Morgenroth, Henri, Los Angeles, Calif. Liquid metering and distributing apparatus. 2,406,240; Aug. 20.
Morgenroth, Mary E., Chicago, Ill. Lamp shade. 2,400,944; May 28.
Morgenthaler, Frederick W., Brooklyn, and J. S. Garwood, New York, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Glide attachment for bomb sights. 2,410,097; Oct. 29.
Moriarty, Ernest C.: *See*—
Byrns, James C., Moriarty, and Darnall.
Moriarty, Ernest C., Washington, D. C. Bomb fuse. 2,407,844; Sept. 17.
Morin, Leo P., Port Arthur, Ontario, Canada. Cutter attachment for hand punches. 2,398,840; Apr. 23.
Morin, Louis H., assignee: *See*—
Marinsky, Davis.
Marinsky, Davis, and Morin.
Morin, Louis H., assignor of one-half to D. Marinsky, Bronx, N. Y. Casting separable fasteners. 2,392,684; Jan. 8.
Morin, Louis H., assignor of one-half to D. Marinsky, Bronx, N. Y. Dual slider unit. 2,392,685; Jan. 8.
Morin, Louis H., assignor of one-half to D. Marinsky, Bronx, N. Y. Dual slider unit. 2,393,551; Jan. 22.
Morin, Louis H., assignor of one-half to D. Marinsky, Bronx, N. Y. Method and apparatus for removing stringer scoops. 2,394,197; Feb. 5.
Morin, Louis H., assignor of one-half to D. Marinsky, Bronx, N. Y. End stop for flexible stringers. 2,398,592; Apr. 16.
Morin, Louis H., assignor of one-half to D. Marinsky, Bronx, N. Y. Slide coupling separable fastener stringers. 2,401,313; June 4.
Morin, Louis H., assignor of one-half to Davis Marinsky, Bronx, N. Y. Forming separable fastener scoops. 2,403,739; July 9.
Morin, Louis H., assignor of one-half to D. Marinsky, Bronx, N. Y. Producing dies from powdered metallurgy. 2,413,512; Dec. 31.
Mork, George W., assignor to Bucyrus-Erie Company, South Milwaukee, Wis. Scraper. 2,408,806; Oct. 8.
Morkoski, James, Canton, Ill., assignor to International Harvester Company. Tripping mechanism. 2,395,342; Feb. 19.
Morkoski, James, Canton, Ill., assignor to International Harvester Company. Agricultural implement. 2,407,094; Sept. 3.
Morkoski, James, Canton, Ill., assignor to International Harvester Company. Agricultural implement. 2,407,173; Sept. 3.
Morkoski, James, Canton, Ill., assignor to International Harvester Company. Mechanical power lift. 2,407,762; Sept. 17.
Morley, Charles E., and H. S. Davis, Detroit, Mich. Ventilated spectacle frame. 2,394,799; Feb. 12.
Morley, Charles E., and H. S. Davis, Detroit, Mich. Goggles. 2,411,933; Dec. 3.
Morlock, William J., and R. C. Willman, Indianapolis, Ind., assignors to Radio Corporation of America. Quick detachable audio-frequency connector. 2,403,677; July 9.
Morner, Hans G., New York, N. Y. Fluid pressure molding apparatus. 2,411,743; Nov. 26.
Moroney, Laurence F., Moonee Ponds, near Melbourne, Victoria, Australia. Automatic clutch mechanism. 2,395,576; Feb. 26.
Morow, Joseph L., Wilkinsburg, assignor to Dravo Corporation, Pittsburgh, Pa. Welder's headgear. 2,402,431; June 18.
Morpeth, James C., assignor to British Food Manufacturers' Research Association, London, England. Gauging apparatus for the measurement of vacua. 2,393,552; Jan. 22.
Morreall, Herbert W., Jr.: *See*—
Duerr, Herman H., and Morreall.
Morreall, Herbert W., Jr., Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. Sensitometer. 2,406,702; Aug. 27.
Morrell, Charles E., Westfield, J. K. Small, Union, and J. H. McAteer, Cranford, N. J., assignors to Standard Oil Development Company. Olefin concentration. 2,399,882; May 7.
Morrell, Glenn A., Seattle, Wash. Fruit picker. 2,403,294; July 2.
Morrell, Jacque C., Oak Park, Ill. Coated metal container. 2,412,528; Dec. 10.
Morrill, Alfred R., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe supporting jack. 2,406,306; Aug. 20.
Morrill, Vaughan, Jr., assignor to American Stove Company, St. Louis, Mo. Liquid product and thermostatic device embodying same. 2,413,513; Dec. 31.
Morrill, Wayne J., Fort Wayne, Ind., assignor to General Electric Company. Ignition system. 2,301,175; May 28.
Morrill, Wayne J., Fort Wayne, Ind., assignor to General Electric Company. Brush rigging. 2,399,935; May 7.
Morrill, William H., Bangor, Maine. Fishing tackle. 2,392,335; Jan. 8.
Morris, Anderson F., Georgetown, assignor of one-fourth to D. W. Morris, Fort Worth, Tex. Weed cutter attachment for drill cultivators. 2,411,454; Nov. 19.
Morris, Bert M., Co., assignee: *See*—
Back, Robert.
Fleming, Robert B.
Morris, Cecil H., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Turbine blade locking apparatus. 2,406,703; Aug. 27.
Morris, Charles L., assignor of forty per cent to D. L. Peters, Cannelton, W. Va. Automatic brake. 2,396,743; Mar. 19.
Morris, Douglas W., assignee: *See*—
Morris, Anderson F.
Morris, Frank A., assignor to Stromberg-Carlson Company, Rochester, N. Y. Control and trigger circuit for telephone systems and the like. 2,409,145; Oct. 8.
Morris, Howard I., assignor of one-third to C. M. Yoder and one-third to H. O. Yoder, Lakewood, Ohio. Welding apparatus. 2,395,059; Feb. 19.
Morris, Ira A., Fort Worth, Tex. Landing gear for trailers and the like. 2,400,652; May 21.
Morris, John K., Los Angeles, Calif. Gear power unit. 2,398,841; Apr. 23.

Morris, John R., Beacon, assignor to The Texas Company, New York, N. Y. Preparation of barium salts of cyclic-aliphatic ether alcohols. 2,411,586; Nov. 26.

Morris, John R., Lawrenceville, Ill., and R. F. McCleary, Beacon, assignors to The Texas Company, New York, N. Y. Lubricating oil. 2,409,303; Oct. 15.

Morris, Joseph L., U. S. Army, New York, N. Y. Legging. 2,398,802; Apr. 23.

Morris Motors Limited, assignee: *See*—
Issigonis, Alexander A.

Morris Paper Mills, assignee: *See*—
Powell, Henry K.

Morris, Rupert C.: *See*—
Evans, Theodore W., Morris, and Shokal.

Morris, Rupert C., and E. C. Shokal, Oakland, Calif., and W. S. Thornhill, Plainfield, N. J., assignors to Shell Development Company, San Francisco, Calif. Insecticides. 2,393,925; Jan. 29.

Morris, Rupert C., Berkeley, E. C. Shokal, Oakland, and A. V. Snider, Richmond, assignors to Shell Development Company, San Francisco, Calif. Hydraulic fluids. 2,394,251; Feb. 5.

Morris, Rupert C., Berkeley, and E. C. Shokal, Oakland, assignors to Shell Development Company, San Francisco, Calif. Unsaturated bicyclic carbonylic compounds and their preparation. 2,407,508; Sept. 10.

Morris, Thomas L., Van Nuys, Calif. Fluid transmission. 2,405,600; Aug. 13.

Morris, Thomas L., Van Nuys, assignor of one-half to F. M. Boes, North Hollywood, Calif. Hydraulic transmission. 2,408,574; Oct. 1.

Morris, William, New Haven, Conn. Mechanical manual-type wire twister. 2,400,769; May 21.

Morris, William C.: *See*—
Harbert, Carl J., Ellinger, and Morris.
Harbert, Carl J., and Morris.
Morrison, Robert F., and Morris.

Morris, William G., Statesville, N. C. Railway switch joint. 2,397,427; Mar. 26.

Morris, William P., Lovington, N. Mex. Measuring line stripping block. 2,413,367; Dec. 31.

Morrison, Alexander L.: *See*—
Bergel, Franz, Hindley, Morrison, and Rinderknecht.

Morrison, David K., Arlington, Va. Differential control device. 2,407,322; Sept. 10.

Morrison, George L., Evanston, Ill. Calculating and controlling line printing machines. 2,400,567; May 21.

Morrison, George O., and H. M. Collins, Shawinigan Falls, Quebec, assignors to Shawinigan Chemicals Limited, Montreal, Quebec, Canada. Making aqueous dispersions containing polyvinyl acetate and wax. 2,404,519; July 23.

Morrison, Howard L., Merchantville, N. J., assignor to Radio Corporation of America. Oscillation generation. 2,398,502; Apr. 16.

Morrison, John W., Cincinnati, Ohio. Lighting equipment. 2,398,754; Apr. 13.

Morrison, Joseph L., Lincolnwood, Ill. Compressible core for cooling pipes. 2,409,304; Oct. 15.

Morrison, Montford, Upper Montclair, N. J. Electronic regenerative repeater. 2,406,096; Aug. 20.

Morrison Railway Supply Corporation, assignee: *See*—
Morrison, Raymond L.

Morrison, Raymond L., assignor to Morrison Railway Supply Corporation, Buffalo, N. Y. Welding rod. 2,400,249; May 14.

Morrison, Robert F., Elyria, and W. C. Morris, South Euclid, assignors to The Harshaw Chemical Company, Elyria, Ohio. Glass enamel compositions. 2,396,873; Mar. 19.

Morrison, Robert G.: *See*—
Kurtz, Henry F., and Morrison.

Morrison, Willard L., Lake Forest, Ill. Evaporator for refrigeration. 2,398,029; Apr. 9.

Morrison, Willard L., Lake Forest, Ill. Refrigerated truck. 2,406,241; Aug. 20.

Morriss, Caddis F.: *See*—
Griffin, Ira L., and Morris.

Morrone, John A., assignee: *See*—
Reenstierna, Gustaf L.

Morrow, Clarence H., Shaker Heights, assignor to The Hotstream Heater Company, Cleveland, Ohio. Draft regulator. 2,397,879; Apr. 2.

Morrow, David, and L. Baldo, U. S. Navy. Swivel connection for aircraft turrets. 2,395,899; Mar. 5.

Morrow, Francis J.: *See*—
Bradshaw, Lawrence, Morrow, and MacLagan.

Morrow, Harry M., Canton, Ohio, assignor to The Bowdil Company. Mining machine chain lug. 2,398,107; Apr. 9.

Morrow, Harry M., and V. O. Shelton, Canton, Ohio, assignors to The Bowdil Company. Cutting machine. 2,397,974; Apr. 9.

Morrow, John W.: *See*—
Hanson, Harold F., and Morrow.

Morse, Albert R., Shaker Heights, Ohio. Froth flotation with simultaneous filtration and collection of froth. 2,411,288; Nov. 19.

Morse Boulger Destructor Company, assignee: *See*—
Corydon, Jeff, II.

Morse, Erwin E.: *See*—
Alston, Paul W., and Morse.

Morse, John F., Hudson, Ohio. Rudder control mechanism. 2,392,056; Jan. 1.

Morse, John F., Hudson, Ohio. Transmission control for marine engines. 2,398,243; Apr. 9.

Morse, John F., Hudson, Ohio. Photographic developing tank. 2,405,160; Aug. 6.

Morse, Louis R., assignor, by mesne assignments, to Empire Electronics Corporation, New York, N. Y. Pressure mounted quartz oscillators. 2,392,993; Jan. 15.

Morse, Paul C., San Francisco, Calif. Still. 2,398,842; Apr. 23.

Morse, Richard K., assignor to The Kaydon Engineering Corporation, Muskegon, Mich. Welding rod holder. 2,395,343; Feb. 19.

Morse, William A., Santa Monica, Calif. Swivelled and shock absorbing seat construction for vehicles. 2,402,074; July 2.

Mortensen, Peter E., Milwaukie, Oreg. Apparatus for making socket wrenches. 2,398,244; Apr. 9.

Mortensen, Raymond A., Loma Linda, assignor to A. O. Beckman, Altadena, Calif. Fluid-testing apparatus and method. 2,396,470; Mar. 12.

Mortenson, Carl W.: *See*—
Hoffman, William A., and Mortenson.

Mortenson, Carl W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Reaction products of acrylonitrile with macromolecular ketones. 2,396,963; Mar. 19.

Mortenson, Gunnar C., Chicago, Ill. Expansion and contraction joint. 2,405,844; Aug. 13.

Mortimer Newman Co., The, assignee: *See*—
Costello, Henry O.

Morton, Allen W., Baltimore, Md., assignor to Koppers Company, Inc., Pittsburgh, Pa. Oil rings. 2,398,030; Apr. 9.

Morton, Avery A., Watertown, Mass. Producing white sodium resinates. 2,406,097; Aug. 20.

Morton, Charles F., assignee: *See*—
Dion, Henry F.

Morton, Edmund R., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Speed control for motor. 2,394,559; Feb. 12.

Morton, Edmund R., Brooklyn, N. Y., and H. M. Stoller, Mountain Lakes, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Speed control system for electric motors. 2,395,516; Feb. 26.

Morton, Eldred O., Mansfield, Ohio., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Fluid speed indicator. 2,404,978; July 30.

Morton, George A.: *See*—
Flory, Leslie E., Massa, and Morton.

Morton, George A., Princeton, N. J., assignor to Radio Corporation of America. Electronic computer. 2,412,467; Dec. 10.

Morton, George A., Haddon Heights, and L. E. Flory, Oaklyn, N. J., assignors to Radio Corporation of America. Electronic computing device. 2,409,689; Oct. 22.

Morton, Henry E., Muskegon, Mich. Hydraulic clutch. 2,409,995; Oct. 22.

Morton, Jack A., Upper Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,409,222; Oct. 15.

Morton, Paul D., Riverview, and J. F. Olin, Grosse Ile, Mich., assignor to Sharples Chemicals Inc., Philadelphia, Pa. Synthetic resins and manufacture thereof. 2,403,450; July 9.

Morton Salt Company, assignee: *See*—
Butler, Howard C.

Morton, William: *See*—
Lytle, Arthur R., and Morton.

Morway, Arnold J.: *See*—
Zimmer, John C., and Morway.

Morway, Arnold J., Clark Township, Union County, N. J., assignor to Standard Oil Development Company. Preparing an aluminum soap from spent aluminum halide catalyst and a grease from said soap. 2,396,744; Mar. 19.

Morway, Arnold J., Clark Township, Union County, and A. Beerbower, Kenilworth, N. J., assignors to Standard Oil Development Company. Antifriction bearing lubricant. 2,411,587; Nov. 26.

Mosaic Tile Company, The, assignee: *See*—
List, Roland, and Flynn.

Mosnly, Earl M., Eagle Rock, Calif. Clothespin. 2,409,379; Oct. 15.

Mosca, Victor, assignee: *See*—
Rickelmann, Gustav W. B.

Mosch, Alfred, New York, N. Y. Utensil holder. 2,412,056; Dec. 3.

Moscowitz, Abraham, Nutley, N. J., assignor to L. Sonneborn Sons, Inc. Emulsification of vegetable and animal oils. 2,396,718; Mar. 19.

Moseley, James T. W., Clayton, H. A. Carlson, University City, and A. N. Szwarguiski, assignors to Carter Carburetor Corporation, St. Louis, Mo. Charge forming device. 2,403,390; July 2.

Moseman, John W., Jr.: *See*—
Butler, Robert G., Jr., and Moseman.

Moser, Eduard: *See*—
Schmid, Max, and Moser.

Moser, Eduard, Riehen, assignor to Society of Chemical Industry in Basle, Basel, Switzerland. Azo dyestuffs of the pyrazolone series. 2,399,447; Apr. 30.

Moser, Jesse: *See*—
Vickers, Harry F., Herman, and Moser.

Moses, Graham L., Edgewood, and C. A. Atwell, Wilkinsburg, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Dynamoelectric machine. 2,401,011; May 28.

Moses, Herbert B., assignee: *See*—
Barnhill, George B.

Moses, Louis: *See*—
Werthelm, Oscar, and Moses.

Moses, Winfield C., Fort Wayne, Ind., assignor to O. G. Ferrier. Machine for piercing refractory bodies. 2,402,831; June 25.

Mosher, Alfred L., Dover, N. J. Loading device. 2,395,494; Feb. 26.

Mosher, Harvey G., Inkster, Mich. Mounting device for dual wheels. 2,404,520; July 23.

Mosher, Rupert C.: *See*—
Barnett, Harold M., and Mosher.

Mosher, Walter I., Harpursville, N. Y., assignor to N. L. Dahlander, New Milford, Pa. Multiple ladder. 2,397,972; Apr. 9.

Moshier, Charles C., Maud, Ohio. Foot-exercising device. 2,397,428; Mar. 26.

Moskey, Moskos S., Lakewood, Ohio. Forming artificial teeth. 2,409,783; Oct. 22.

Moskowitz, Abram: *See*—
Brady, James R., and Moskowitz.

Mosley, Carl E., Overland, assignor to W. U. Matthews Corporation, St. Louis, Mo. Electrical cutout. 2,401,656; June 4.

Moss, Curtis W., Detroit, Mich. Music leaf turner. 2,407,572; Sept. 10.

Moss, Lionel G., Dunbar, W. Va. Cigarette rolling device. 2,404,242; July 16.

Moss, Richard Y., assignor to The Sheffield Corporation, Dayton, Ohio. Gauging device. 2,412,413; Dec. 10.

Moss, Theron V.: *See*—
Fullerton, George H. and Moss.

Moss, Walter E.: *See*—
Mavity, Julian M., and Moss.

Mossay, Paul A. H., B. Schwarz, and E. Barraclough, Norwich, England. Multiphase A. C. transformer. 2,406,704; Aug. 27.

Mossberg, Harold F., assignor to O. F. Mossberg & Sons, Inc., New Haven, Conn. Rear sight for firearms. 2,407,437; Sept. 10.

Mossberg, Harold F., and E. Bullard, assignors to O. F. Mossberg & Sons, Inc., New Haven, Conn. Firearm rear sight. 2,405,512; Aug. 6.

Mossberg, O. F., & Sons, Inc., assignee: *See*—
Mossberg, Harold F.
Mossberg, Harold F., and Bullard.

Mossberg Pressed Steel Corporation, assignee: *See*—
Olson, Robert V.

Mosseller, Lillian M., New York, N. Y. Rug. 2,409,580; Oct. 15.

Mosshart, Donald J., Ardmore, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Combustion apparatus. 2,398,031; Apr. 9.

Mosshart, Donald J., Ardmore, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Stoker apparatus. 2,400,706; May 21.

Mosshart, Donald J., Ardmore, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Grate. 2,400,707; May 21.

Mosshart, Donald J., Ardmore, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Stoker apparatus. 2,402,906; June 25.

Motel, John, Cleveland, Ohio. Shutter for fishing nets. 2,409,146; Oct. 8.

Motiograph, assignee: *See*—
Wienke, Emil J.

Motion Picture Engineering Corporation, assignee: *See*—
Matson, Robert.

Motley, Robert L., Dayton, Ohio. Ear protector. 2,396,113; Mar. 5.

Motor Tool Manufacturing Company, assignee: *See*—
Ross, Walter F.

Motor Wheel Corporation, assignee: *See*—
Jones, Don F., Miller, and Figg.
Miller, John W.

Motsinger, Armand V., near Aberdeen, Md. Voice-transmitting gas mask. 2,410,454; Nov. 5.

Mott, Carl W., La Grange, Ill., assignor to International Harvester Company. Fluid control for fluid-driven motors. 2,399,756; May 7.

Mott, Carl W., La Grange, Ill., assignor to Howard C. Riordan, Oak Park, Ill. Method and machine for making surgical sponges. 2,400,250; May 14.

Mott, Carl W., La Grange, Ill., assignor to International Harvester Company. Tractor-mounted implement. 2,409,509; Oct. 15.

Mott, Carl W., La Grange, Ill., assignor to International Harvester Company. Power adjusting mechanism. 2,409,510; Oct. 15.

Mott, Carl W., La Grange, Ill., assignor to International Harvester Company. Overload release for rockable arms. 2,409,511; Oct. 15.

Mott, Chester, Evanston, and G. V. Wallace, Jr., assignors to National Cylinder Gas Company, Chicago, Ill. Torch beveling apparatus. 2,412,281; Dec. 10.

Mott, Elmer S., assignor to Wingfoot Corporation, Akron, Ohio. Metal coating. 2,398,108; Apr. 9.

Mottern, Henry O.: *See*—
Archibald, Francis M., and Mottern.

Moulin, Albert E., Jr., and P. W. Orchard, Jr., New Orleans, La. Oscillograph. 2,404,738; July 23.

Mount, Donald L., Memphis, Mo. Variable-speed transmitter. 2,412,351; Dec. 10.

Mount Sinai Hospital Research Foundation, Inc., assignee: *See*—
Sobotka, Harry.

Mt. Vernon-Woodberry Mills, assignee: *See*—
Whittier, Benjamin L., and Johnson.

Mount, Wadsworth W., Summit, N. J., assignor to Intertype Corporation, Brooklyn, N. Y. Ordnance. 2,399,136; Apr. 23.

Mountain City Foundry and Machine Co., assignee: *See*—
Hunt, John O.

Mouromtseff, Ilia E.: *See*—
Clifford, David G., and Mouromtseff.

Mouromtseff, Ilia E., Montclair, and G. M. Dinnick, Bloomfield, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Combined air jacket and tuning mechanism for resonators. 2,394,396; Feb. 5.

Mouromtseff, Ilia E., Montclair, and G. M. Dinnick, Bloomfield, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Ultra high frequency tube. 2,394,397; Feb. 5.

Mouromtseff, Ilia E., Montclair, and G. M. Dinnick, Bloomfield, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Coaxial line seal. 2,394,398; Feb. 5.

Mouromtseff, Ilia E., Montclair, and G. M. Dinnick, Bloomfield, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Ultra high frequency oscillator. 2,396,802; Mar. 19.

Mouromtseff, Ilia E., Montclair, and G. M. Dinnick, Bloomfield, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Support. 2,398,503; Apr. 16.

Mouromtseff, Ilia E., Montclair, and J. H. Findley, Upper Montclair, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Cathode for magnetron devices. 2,400,770; May 21.

Mouromtseff, Ilia E., Montclair, and G. M. Dinnick, Bloomfield, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electron discharge device. 2,404,082; July 16.

Mouromtseff, Ilia E., Montclair, and G. M. Dinnick, Bloomfield, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Beat oscillator. 2,411,289; Nov. 19.

Mousseau, Ambrose, assignee: *See*—
Pruder, Henry V.

Mouw, Andrew, Huntington Woods, assignor to No-Sag Spring Company, Detroit, Mich. Spring construction. 2,404,883; July 30.

Mowlds, Kenneth S., Baltimore, Md., assignor to The Glidden Company, Cleveland, Ohio. High-water-dispersible calcite pigment. 2,397,035; Mar. 19.

Mowrey, Lester D., Wichita Falls, Tex. Bottom hole regulator. 2,411,667; Nov. 26.

Mowry, David T., Dayton, Ohio, assignor to Monsanto Chemical Company. Copolymers of diolefinic compounds. 2,398,321; Apr. 9.

Moxham, Egbert, Jr., Brunswick, Ga. Hull construction for surface boats and ships. 2,400,771; May 21.

Moyer, Elmo E., Scotia, N. Y., assignor to General Electric Company. Electric control system. 2,393,701; Jan. 29.

Moyer, Elmo E., Scotia, N. Y., assignor to General Electric Company. Electric control circuit. 2,411,744; Nov. 26.

Moyer, Elmo E., Scotia, N. Y., assignor to General Electric Company. Electric control circuit. 2,411,745; Nov. 26.

Moyer, Harold J.: *See*—
Schonberg, Jackson R., and Moyer.

Moyer, Harris P., Toledo, Ohio, assignor to The Aviation Corporation, New York, N. Y. Determining blade thickness. 2,399,650; May 7.

Moyer, Harris P., Toledo, Ohio, assignor to The Aviation Corporation, New York, N. Y. Producing fillets. 2,407,995; Sept. 24.

Moynihan, John J., Rochester, N. Y., assignor of one-half to J. B. Brennan, Cleveland, Ohio. Compensating device. 2,396,056; Mar. 5.

Moynihan, John J., Rochester, N. Y., assignor of one-half to J. B. Brennan, Cleveland, Ohio. Signal device. 2,412,094; Dec. 3.

Moynihan, John J., Boston, Mass., assignor of one-half to J. B. Brennan, Cleveland, Ohio. Coordinating apparatus. 2,404,243; July 16.

Moynihan, John J., Boston, Mass, assignor of one-half to J. B. Brennan, Cleveland, Ohio. Electrical system for the control of mechanical devices. 2,408,472; Oct. 1.

Mraz, Stephen A.: *See*—
Brannon, James L., and Mraz.

Mrazek, Joseph, Woodside, Long Island, N. Y. Marking bodies. 2,406,705; Aug. 27.

Muckerheide, Victor J.: *See*—
Myers, Latimer D., and Muckerheide.

Muckley, Fred A., Tylers Green, Penn, England. Mixing apparatus. 2,397,324; Mar. 26.

Mudd, Ora C.: *See*—
Hantzsch, Ralph E., and Mudd.

Muddiman, Earll R., Wilkinsburg, Pa., assignor to Carnegie-Illinois Steel Corporation. Metal strip processing apparatus. 2,394,486; Feb. 5.

Muddiman, Earll R., Wilkinsburg, Pa., assignor to Carnegie-Illinois Steel Corporation. Sheet handling mechanism. 2,412,001; Dec. 3.

Madica, Albert R., Marshall, Mich. Curved surface generating device. 2,402,070; June 11.

Mudon, T. J., Co., assignee: *See*—
Mudon, Thomas J.

Mudon, Thomas J., Chicago, Ill., assignor to T. J. Mudon Co. Switch. 2,394,712; Feb. 12.

Muehlhofer, Richard, Mountainside, N. J. Apparatus for carbonating liquids. 2,408,439; Oct. 1.

Muehter, Manfred W., Nutley, assignor to American District Telegraph Company, Jersey City, N. J. Signaling system. 2,398,594; Apr. 16.

Mueller, Adolf G., Fairfield, and F. C. Dazley, Stratford, Conn., assignors to General Electric Company. Tubular lamp fixture. 2,399,501; Apr. 30.

Mueller, Alexander V., assignor to The Deming Company, Salem, Ohio. Centrifugal pump. 2,394,931; Feb. 12.

Mueller, Alexander V., assignor to The Deming Company, Salem, Ohio. Pump. 2,394,932; Feb. 12.

Mueller, Alfred, Berwyn, assignor to Crane Co., Chicago, Ill. Valve actuating mechanism. 2,412,529; Dec. 10.

Mueller, Camillo, New York, N. Y. Degreasing of animal bones. 2,395,900; Mar. 5.

Mueller, Camillo, New York, N. Y. Producing glue from bones. 2,397,973; Apr. 9.

Mueller, Emil G., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Variable load brake. 2,409,886; Oct. 22.

Mueller, Erich O., Irwin, and R. H. Wagner, Edgewood, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Splashproof traction motor. 2,404,979; July 30.

Mueller, Friedrich J.: *See*—
Hight, Franklin R., Greeshields, and Mueller.

Mueller, Fritz W. H., Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. Stabilized silver halide emulsions. 2,394,198; Feb. 5.

Mueller, Fritz W. H., and J. E. Bates, Binghamton, N. Y., assignors to General Aniline & Film Corporation, New York, N. Y. Intensification of the latent image. 2,403,428; July 2.

Mueller, George E.: *See*—
Feldman, Carl B. H., and Mueller.

Mueller, John H., assignee, et al.: *See*—
Mueller, Moritz L.

Mueller, Joseph J., assignor to Auto Specialties Manufacturing Company, St. Joseph, Mich. Hydraulic jack. 2,412,414; Dec. 10.

Mueller, Moritz L., assignee, et al.: *See*—
Mueller, Moritz L.

Mueller, Moritz L., assignor, by mesne assignments, to M. L. and J. H. Mueller, Seattle, Wash., as joint-tenants. Heating apparatus. 2,402,907; June 25.

Mueller, Otto: *See*—
Widman, Charles H., and Mueller.

Mueller, William P., Emporium, Pa., assignor to Sylvania Electric Products Inc. High-frequency wave signaling system. 2,410,387; Oct. 29.

Mueller, William P., and F. L. Burroughs, assignors to Sylvania Electric Products Inc., Emporium, Pa. Radio transmission and testing system utilizing pulse type generators. 2,394,933; Feb. 12.

Mueller, William P., and N. L. Kiser, assignors to Hygrade Sylvania Corporation, Emporium, Pa. Electrical oscillatory system and apparatus. 2,405,229; Aug. 6.

Muench, Carl G., Wilmette, assignor to The Celotex Corporation, Chicago, Ill. Apparatus for separating shot particles from mineral wool. 2,403,740; July 9.

Muerle, Richard W., Springfield, assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Pressure switch. 2,412,095; Dec. 3.

Muffly, Gary, Penn Township, Allegheny County, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Disturbing influence detecting element. 2,412,742; Dec. 17.

Muffly, Glenn, Springfield, Ohio. Refrigerating mechanism. 2,407,794; Sept. 17.

Muffly, Glenn, Springfield, Ohio. Refrigerator. 2,410,672; Nov. 5.

Muggleton, Gerald D., Appleton, and A. F. Piepenberg, assignors, by mesne assignments, to Combined Locks Paper Co., Combined Locks, Wis. Apparatus for coating paper. 2,398,843; Apr. 23.

Muggleton, Gerald D., Appleton, and A. F. Piepenberg, assignors, by mesne assignments, to Combined Locks Paper Co., Combined Locks, Wis. Paper coating. 2,398,844; Apr. 23.

Muir, Wellington W., Lockport, N. Y. Cooling system for internal-combustion engines. 2,399,651; May 7.

Muir, Wellington W., Lockport, N. Y. Heat control. 2,409,305; Oct. 15.

Muir, William P., Hampstead, Quebec, Canada, assignor to Dominion Engineering Works, Limited, Lachine, Quebec, Canada. Hydraulic press. 2,403,391; July 2.

Muldoon, Bernard F., Mountain View, N. J., assignor to H. Hyman, Brooklyn, N. Y. Portable electric flashlight. 2,401,366; June 4.

Mulford, William, Gladwyne, Pa., assignor to M. F. Dilks and W. A. Mulford, Bryn Mawr, Pa. Friction clutch. 2,393,926; Jan. 29.

Mulford, William A., assignee, et al.: *See*—
Mulford, William.

Mulholland, John H., Co., assignee: *See*—
Welch, Clarence M.

Mulks, Harold O., assignee: *See*—
Waldo, Mabel T.

Mull, Arthur B., Hollywood, Calif., assignor to Spotswood Specialty Co., Inc., Lexington, Ky. Toy airplane. 2,407,720; Sept. 17.

Mull, Raymond A., Benton Harbor, Mich. Surgical instrument. 2,397,036; Mar. 19.

Mullarkey, Thomas, Chicago, Ill. Former for armature coils. 2,393,397; Jan. 22.

Mullen, Thomas W., Evansville, Ind. Towel rack. 2,408,869; Oct. 8.

Mullen, William G., Danvers, assignor to Lithomat Corporation, Boston, Mass. Photogravure printing plate. 2,397,616; Apr. 2.

Mullen, William G., Winchester, assignor to Lithomat Corporation, Boston, Mass. Photogravure printing plate. 2,405,513; Aug. 6.

Mullendore, Ralph E., U. S. Navy. Azimuth scale. 2,405,601; Aug. 13.

Muller, Albert B., Fort Wayne, Ind. Infant's folding seat attachment for toilets. 2,402,832; June 25.

Muller, Alfred: *See*—
Zellbeck, Gustav, and Muller.

Muller, Arno H., Wood-Ridge, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Winding machine. 2,406,846; Sept. 3.

Muller, Carl W., Osborn, Ohio. Connector assembly, thermocouple lead. 2,410,098; Oct. 29.

Muller, Charles G., Elmhurst, Long Island, N. Y. Arch support. 2,403,944; July 16.

Müller, Enrique, Chihuahua, Mexico. Hypodermic injection applying device. 2,410,991; Nov. 12.

Muller, George W., Miami Beach, Fla. Rail joint. 2,412,743; Dec. 17.

Müller, Helmut, and A. Pischinger, Cologne, Germany; vested in the Alien Property Custodian. Fuel injection pump for internal-combustion engines. 2,410,517; Nov. 5.

Muller, Herman E., Sr.: *See*—
Hunter, John A., and Muller, Sr.

Muller, Johan A., Dayton, Ohio, assignor to The Hydraulic Development Corporation, Inc., Wilmington, Del. Control mechanism. 2,391,996; Jan. 1.

Muller, Johan A., Mount Gilead, Ohio, assignor to The Hydraulic Development Corporation, Inc., Wilmington, Del. Cylindrical press structure. 2,403,822; July 9.

Muller, Johan A., Dayton, and H. F. MacMillin, Mount Gilead, Ohio, assignors to The Hydraulic Development Corporation, Inc., Wilmington, Del. Control system. 2,395,974; Mar. 5.

Muller, John T., Livingston, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Article handling apparatus. 2,394,467; Feb. 5.

Muller, John T., Livingston, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Material forming apparatus. 2,398,387; Apr. 16.

Muller, John T., Livingston, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Assembling apparatus. 2,401,176; May 28.

Muller, John T., Livingston, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Manufacturing coated articles. 2,412,644; Dec. 17.

Müller, Paul, assignor to the firm J. R. Geigy A. G., Basel, Switzerland. Insecticidal compounds and making same. 2,397,802; Apr. 2.

Müller, Richard, Berlin, Germany; vested in the Alien Property Custodian. Disinfection and destruction of bacteria. 2,394,325; Feb. 5.

Mullerheim, Kurt, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Battery charging and voltage regulating system. 2,398,845; Apr. 23.

Mullett, Howard G., and E. D. Wachter, Jr., Whitefish Bay, assignors to Bradley Washfountain Co., Milwaukee, Wis. Foot controlled washfountain. 2,398,149; Apr. 9.

Mulligan, Walter J., San Mateo, Calif. Interlocking spline device for structural units. 2,400,162; May 14.

Mullin, Henry A., Redding, Calif. Rim and wheel mounting for pneumatic tires. 2,392,493; Jan. 8.

Mullins Manufacturing Corporation, assignee: *See*—
Benson, John H.
Stanitz, Jacques.

Mullins, Thomas C., Chicago, Ill., assignor to The Marion Steam Shovel Company, Marion, Ohio. Walking apparatus for excavators. 2,399,375; Apr. 30.

Mullins, William H., and W. M. Gentry, South Boston, Va. Gearshift locking device. 2,411,455; Nov. 19.

Mulloy, Ollie L.: *See*—
Blanchard, Alva G., and Mulloy.

Mulvany, Thomas C., and L. J. Thornton, Nicolaus, Calif. Draper. 2,397,681; Apr. 2.

Mumma, George E., Winnetka, assignor to Sears, Roebuck and Company, Chicago, Ill. Warm air furnace. 2,408,991; Oct. 8.

Mumma, Paul F., McKeesport, and A. W. Thornton, Pittsburgh, Pa., assignors to National Tube Company. Casting ingots. 2,402,833; June 25.

Mumma, Robert E.: *See*—
Compton, Justin S., and Mumma.
Cone, James H., and Mumma.
Desch, Joseph R., and Mumma.

Mumma, Robert E., assignor to The National Cash Register Company, Dayton, Ohio. Electronic accumulator. 2,401,657; June 4.

Mumma, Robert E., assignor to The National Cash Register Company, Dayton, Ohio. Electronic counting ring. 2,402,432; June 18.

Mumma, Robert E., assignor to The National Cash register Company, Dayton, Ohio. Impulse emitter. 2,403,873; July 9.

Mumma, Robert E., assignor to The National Cash Register Company, Dayton, Ohio. Calculating machine. 2,404,739; July 23.

Mumma, Robert E., assignor to The National Cash Register Company, Dayton, Ohio. Electronic decice and control means therefor. 2,405,095; July 30.

Mumma, Robert E., assignor to The National Cash Register Company, Dayton, Ohio. Electronic accumulator. 2,405,096; July 30.

Mumma, Robert E., assignor to The National Cash Register Company, Dayton, Ohio. Electronic accumulator. 2,405,664; Aug. 13.

Mumma, Robert E., and F. X. Bucher, assignors to The National Cash Register Company, Dayton, Ohio. Electronic device. 2,398,150; Apr. 9.

Muncie Gear Works, Inc., assignee: *See*—
Smith, Marvin M., Fields, and Kemler.

Munday, John C.: *See*—
Hall, Homer J., and Munday.

Munday, John C., Cranford, N. J., assignor to Standard Oil Development Company. Production of metals. 2,398,443; Apr. 16.

Munday, John C., Cranford, N. J., assignor to Standard Oil Development Company. Making gasoline. 2,398,846; Apr. 23.

Munday, John C., Cranford, N. J., assignor to Standard Oil Development Company. Treating hydrocarbon fluids. 2,412,645; Dec. 17.

Mundel, August B.: *See*—
Carlisle, Samuel F., Jr., and Mundel.

Mungo, Thomas A., New York, N. Y. Controlled electric water heater for hygienic use. 2,409,512; Oct. 15.

Munn, John E., Bellevue, assignor to Chemical Service Company, Pittsburgh, Pa., a partnership comprising T. Schield, A. H. Munn, and J. E. Munn. Treatment of oil wells. 2,402,433; June 18.

Munny Manufacturing Company, assignee: *See*—
Getgey, John J., and Krucа.

Munro, Gordon, Bremerton, Wash. Data exhibitor. 2,406,027; Aug. 20.

Munro, Robert, Grosse Pointe Woods, and A. A. Albright, Detroit, Mich. Electrode holder. 2,398,032; Apr. 9.

Munroe, David J.: *See*—
Dally, Roy, Goldsmith, and Munroe.
Hull, Harvard L., and Munroe.

Munschauer, Edwin A., Jr., assignor to Niagara Machine & Tool Works, Buffalo, N. Y. Machine control means. 2,404,980; July 30.

Munsingwear, Inc., assignee: *See*—
Chatfield, Franklin.

Munson, Alexander L., Detroit, Mich. Welding mechanism. 2,407,676; Sept. 17.

Munson, Wilden A., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone privacy. 2,406,352; Aug. 27.

Munters, Carl G., Stockholm, Sweden. Heat insulation. 2,413,331; Dec. 31.

Munton, Harold T., assignee: *See*—
Reimuller, Christian J.

Muntwyler, Charles J., assignee: *See*—
Kessler, Louis.

Muntz, Alan & Company Limited, assignee: *See*—
Beale, Evelyn S. L.
Farmer, Harold O.
Muntz, Frederick A. I.

Muntz, Frederick A. I., assignor to Alan Muntz & Company Limited, Hounslow, England. Internal-combustion engine. 2,408,089; Sept. 24.

Murano, Joseph S., Youngstown, Ohio. Instrument mouthpiece. 2,411,692; Nov. 26.

Murch, John H., East Orange, N. J., assignor to American Can Company, New York, N. Y. Control device. 2,413,031; Dec. 24.

Murdoch, Alexander, Jr.: *See*—
Leigh, John S., and Murdoch.

Murdoch, Robert P., Mount Lebanon, Pa. Aircraft landing gear. 2,408,870; Oct. 8.

Murdock, Clayton E., Millbrae, assignor to Eitel-McCullough, Inc., San Bruno, Calif. Tube. 2,399,757; May 7.

Murdock, Elmer C., Statesville, N. C. Abrading machine. 2,404,917; July 30.

Murdock, Frederick M., Chicopee Falls, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Resinous compositions. 2,392,686; Jan. 8.

Murdock, John G., & Company Limited, assignee: *See*—
Henderson, Bryan J.

Muros, Joseph, Cambridge, assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor. Re. 22,708; Jan. 15.

Muros, Joseph, Cambridge, assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor. 2,397,617; Apr. 2.

Muros, Joseph, Cambridge, assignor to Gillette Safety Razor Company, Boston, Mass. Protected blade and package. 2,406,242; Aug. 20.

Muros, Joseph, Cambridge, assignor to Gillette Safety Razor Company, Boston, Mass. Blade package. 2,408,222; Sept. 24.

Murphree, Eger V.: *See*—
Martin, Homer Z., Murphree, Gohr, and Graham.

Murphree, Eger V., Summit, N. J., assignor to Standard Oil Development Company. Apparatus for production of olefins and diolefins. 2,399,560; Apr. 30.

Murphree, Eger V., Summit, and W. W. Waterman and A. D. Green, Cranford, N. J., assignors, by mesne assignments, to Jasco, Incorporated. Manufacture of polymers. 2,395,901; Mar. 5.

Murphy, Cornelius J., and W. P. Yant, assignors to Mine Safety Appliance Company, Pittsburgh, Pa. Breathing apparatus. 2,403,991; July 16.

Murphy, Demery A.: *See*—
Morgan, John S., Jr., and Murphy.

Murphy, Demery A., Torrance, Calif., assignor to The National Supply Company, Pittsburgh, Pa. Rotary swivel. 2,394,800; Feb. 12.

Murphy, Edward, Linden, N. J., assignor to Wilson-Jones Company, Chicago, Ill. Loose-leaf binder. 2,399,561; Apr. 30.

Murphy, George F., Milwaukee, Wis. Motor bicycle. 2,409,887; Oct. 22.

Murphy, George M., assignor to The Jaeger Machine Company, Columbus, Ohio. Vibrating apparatus for the feeding chutes of concrete mixers. 2,398,549; Apr. 16.

Murphy, James W. and J. P., Akron, Ohio. Sewing-machine accessory. 2,413,064; Dec. 24.

Murphy, John P.: *See*—
Murphy, James W. and J. P.

Murphy, Norman B., West Englewood, assignor to Bendix Aviation Corporation, Teterboro, N. J. Disconnect device. 2,399,821; May 7.

Murphy, Ross F., Lansdale, Pa., assignor to The Electric Storage Battery Company. Storage battery plate. 2,401,435; June 4.

Murphy, Thomas J., Stamford, Conn. Dry shaver. 2,395,495; Feb. 26.

Murphy, Walter G., Los Angeles, and A. Kingsbacher, Pasadena, Calif. Rack. 2,402,768; June 25.

Murphy, William H., executor: *See*—
De Lisle, Harold L.

Murray, Alan E., Wilmington, Del. Shoemaking. 2,396,926; Mar. 19.

Murray, Alan E., Wilmington, Del. Footwear. 2,404,084; July 16.

Murray, Alexander, assignor to Eastman Kodak Company, Rochester, N. Y. Airspaced photographic support. 2,400,365; May 14.

Murray, Alexander, assignor to Eastman Kodak Company, Rochester, N. Y. Photographic support. 2,400,366; May 14.

Murray, Alexander, assignor to Eastman Kodak Company, Rochester, N. Y. Multicolor printing. 2,405,754; Aug. 13.

Murray, Alexander, and J. A. C. Yule, assignors to Eastman Kodak Company, Rochester, N. Y. Photomechanical process. Re. 22,736; Mar. 26.

Murray, Alexander, and J. A. C. Yule, assignors to Eastman Kodak Company, Rochester, N. Y. Photomechanical process. Re. 22,741; Apr. 2.

Murray, Arthur G.: *See*—
Cowdrey, William A., and Murray.

Murray, August, La Branche, Mich. Saw set for buck saw blades. 2,401,264; May 28.

Murray, Charles W., Glenside, Pa., assignor to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Insecticides. 2,396,019; Mar. 5.

Murray Corporation of America, The, assignee: *See*—
Haberstump, Alfred H.
Fisher, Lyman C.

Murray, D. J., Manufacturing Co., assignee: *See*—
Hartwig, Walter J.
Rosemait, John A.

Murray, Forrest F., and C. K. MacDonald, Brockton, Mass. Window drain and ventilator. 2,397,803; Apr. 2.

Murray, Howard J.: *See*—
Bean, Roscoe D., and Murray.

Murray Iron Works Company, assignee: *See*—
Tiemeier, Walter E.

Murray, Irvin L., Charleston, J. L. Marsh, South Charleston, W. Va., and S. P. Smith, Jr., Louisville, Ky., assignors to Carbide and Carbon Chemicals Corporation. Process for making butadiene. 2,403,741; July 9.

Murray, Irvin L., Charleston, J. L. Marsh, South Charleston, W. Va., and S. P. Smith, Jr., Louisville, Ky., assignors to Carbide and Carbon Chemicals Corporation. Making butadiene. 2,403,742; July 9.

Murray, John A., and G. H. Metzger, Toledo, Ohio, assignors, by mesne assignments, to Libbey-Owens-Ford Glass Company. Treatment of organic solutions of formaldebyde-urea reaction products. 2,404,740; July 23.

Murray, John J., Arlington, Mass. Printing plate. 2,397,285; Mar. 26.

Murray, Lawrence J.: *See*—
Gillings, Charles, and Murray.

Murray, Loyd D., and F. M. Gallo, San Francisco, Calif. Hat stretcher and former. 2,411,746; Nov. 26.

Murray-Lucy-Marvosh Company, assignee: *See*—
Lucy, Otto H.

Murray Manufacturing Corporation, assignee: *See*—
Murray, Thomas E., Phelps, and Frischmann.

Murray, Otis W.: *See*—
Jennings, Andrew B., Murray, and White.

Murray, Reginald M.: *See*—
Kranz, Walter M., and Murray.

Murray, Thomas E., Southampton, G. H. Phelps, Floral Park, and G. Frischmann, Queens Village, N. Y.; said Murray assignor to Yarrum, Incorporated, and said Phelps and Frischmann assignors to Murray Manufacturing Corporation, Brooklyn, N. Y. Electric resistance welding. 2,403,229; July 2.

Murray, Thomas F., Jr.: *See*—
Kenyon, William O., Murray, and Minsk.

Murray, Thomas W., Dover, Del. Lifting jack device. 2,413,242; Dec. 24.

Murtagh, Gilbert, Port Washington, N. Y. Screw or threaded rod mounting. 2,410,299; Oct. 29.

Murtagh, Hugh, Laleham-on-Thames, and J. A. Taylor, Kingsbury, England. Instrument for use on moving craft. 2,392,494; Jan. 8.

Murtaugh, Joseph P.: *See*—
Daniels, Arthur W., and Murtaugh.

Musebeck, George E., and F. P. Bennett, assignors to Musebeck Shoe Company, Danville, Ill. Picture projector. 2,405,706; Aug. 13.

Musebeck Shoe Company, assignee: *See*—
Musebeck, George E., and Bennett.

Musgrave, Herman: *See*—
Guerin, Paul R., and Musgrave.

Musgrave, Howard G., Newton, and N. G. Olson, Boston, Mass. Index actuating mechanism. 2,406,098; Aug. 20.

Musher Foundation Incorporated, assignee: *See*—
Musher, Sidney.

Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Stabilizing sherbert compositions. 2,395,060; Feb. 19.

Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Stabilizing ice-cream compositions. 2,395,061; Feb. 19.

Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Lubricating oils. 2,408,090; Sept. 24.

Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Preserving vitamin-containing oils. 2,410,455; Nov. 5.

Muskat, Irving E.: *See*—
Strain, Franklin, Chenicek, and Muskat.

Muskat, Irving E., Akron, Ohio, assignor to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Preparing molded compositions from unsaturated esters. 2,403,112; July 2.

Muskat, Irving E., Akron, and F. Strain, Norton Center, Ohio, assignors to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Unsaturated derivatives of carbamic acid. 2,395,750; Feb. 26.

Muskat, Irving E., and F. Strain, Akron, Ohio, assignors to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Novel composition of matter. 2,399,285; Apr. 30.

Muskat, Irving E., Glenside, and F. Strain, Norton Center, Ohio, assignors to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Unsaturated esters and polymers thereof. 2,399,286; Apr. 30.

Muskat, Irving E., Glenside, and F. Strain, Norton Center, Ohio, assignors to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Unsaturated esters and polymers thereof. 2,399,287; Apr. 30.

Muskat, Irving E., Glenside, Pa., and F. Strain, Norton Center, Ohio, assignors to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Unsaturated esters and polymers thereof. 2,401,581; June 4.

Muskat, Irving E., Akron, and F. Strain, Norton Center, Ohio, assignors to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Unsaturated carbonate ester and polymer thereof. 2,403,113; July 2.

Muskegon Motor Specialties Company, assignee: *See*—
Gerlach, Carl A.

Muskegon Piston Ring Company, assignee: *See*—
Scarff, Harold M.
Stenwall, Robert.

Musselman, John M., South Euclid, assignor to The Standard Oil Company, Cleveland, Ohio. Reclaiming used lubricating oils. 2,393,335; Jan. 22.

Musselman, John M., South Euclid, assignor to The Standard Oil Company, Cleveland, Ohio. Composition of matter suitable for use as a lubricant and lubricant comprising the same. 2,399,243; Apr. 30.

Musselman, John M., South Euclid, assignor to The Standard Oil Company, Cleveland, Ohio. Composition of matter suitable for use as a lubricant and lubricant comprising the same. 2,413,332; Dec. 31.

Musselman, John M., South Euclid, and H. P. Lankelma, Shaker Heights, assignors to The Standard Oil Company, Cleveland, Ohio. Lubricants. 2,396,719; Mar. 19.

Musselman, John M., South Euclid, and H. P. Lankelma, Shaker Heights, assignors to The Standard Oil Company, Cleveland, Ohio. Lubricants, etc. 2,413,188; Dec. 24.

Musser, David M., Orange, N. J., assignor to Pacific Mills, Boston, Mass. Mildewproofing. 2,403,945; July 16.

Musser, David M., and H. C. Engel, Pittsburgh, assignors, by mesne assignments, to National Cotton Council of America, Memphis, Tenn. Pulp preparation and product thereof. 2,393,553; Jan. 22.

Muter Company, The, assignee: *See*—
Sanders, Lloyd C.

Mutual Citrus Products Co., Inc., assignee: *See*—
Leo, Herbert T., and Taylor.

Mydans, William E., Cambridge, Mass. Ordnance powder bag. 2,405,104; July 30.

Myers, Alvin H.: *See*—
Vinton, William U., and Myers.

Myers, Arthur B., Butte Falls, Oreg. Power chain saw frame and jointing block therefor. 2,405,365; Aug. 6.

Myers, Bernard L., Dallas, Tex. Sheave mounting. 2,407,632; Sept. 3.

Myers, Charles H., East Orange, N. J. Identification device. 2,400,313; May 14.

Myers, Claude G.: *See*—
Sachanen, Alexander N., O'Kelly, and Myers.

Myers, Clayton S., Westfield, N. J., assignor to Bakelite Corporation. Antistatic composition. 2,393,863; Jan. 29.

Myers, Clovis D., Ardentown, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Recovering the salt-forming components of nylon. 2,407,896; Sept. 17.

Myers, Edward C., Wilmette, Ill. Cable. Re. 22,730; Mar. 5.

Myers, Edward C., Winnetka, Ill. Fluid remote-control device. 2,394,252; Feb. 5.

Myers, Fred D., Minneapolis, Minn., assignor to General Mills, Inc. Toy airplane. 2,397,364; Mar. 26.

Myers, Frederick J.: *See*—
Robinson, Jack D., and Myers.

Myers, Henry C.: *See*—
Cox, Joseph H., and Myers.

Myers, John A., assignor of one-fourth to M. Johnson and four-eighths to F. Strech, Albany, N. Y. Flexible shockproof propeller. 2,398,033; Apr. 9.

Myers, Kenneth G., Alexander, Iowa. Wagon, trailer, and implement tongue. 2,404,521; July 23.

Myers, Latimer D., Cincinnati, and V. J. Muckerheide, Silverton, assignors to Emery Industries, Inc., Cincinnati, Ohio. Cutting oil base. 2,393,927; Jan. 29.

Myers, Norval, Short Hills, N. J., assignor to Standard Oil Development Company. Isomerization process. 2,399,883; May 7.

Myers, Oscar, Mount Vernon, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,405,230; Aug. 6.

Myers, Oscar, Mount Vernon, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Circuit maker and breaker. 2,406,028; Aug. 20.

Myers, Oscar, Mount Vernon, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Secret signaling. 2,406,353; Aug. 27.

Myers, Roy W., Akron, Ohio. Cooling system. 2,394,199; Feb. 5.

Myers, Thomas G., assignor to U. S. Electrical Motors, Inc., Los Angeles, Calif. Bearing support. 2,406,505; Aug. 27.

Myers, Thomas R., Ramsey, N. J. Track shoe. 2,393,336; Jan. 22.

Myers, Walter, Stratford, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Work-guiding mechanism for sewing machines. 2,406,623; Aug. 27.

Myers, William M., Fresno, Calif. Control valve. 2,395,420; Feb. 26.

Myerson, Simon, Brookline, Mass. Temporary support for artificial teeth. 2,412,352; Dec. 10.

Myerson, Simon, Brookline, Mass. Crown type tooth. 2,413,333; Dec. 31.

Myhre, Conrad B.: *See*—
Monori, Emil, and Myhre.

Myhren, Arne J., and E. W. Nelson, Palmerton, Pa., assignors to The New Jersey Zinc Company, New York, N. Y. Manufacture of zinc borate. 2,405,366; Aug. 6.

Myhrman, George, McKeesport, Pa., assignor to National Tube Company. Tunnel furnace. 2,401,093; May 28.

Myklestad, Nils O., Pasadena, Calif. Floating shock absorber. 2,410,992; Nov. 12.

Myles, James R., and F. S. B. Jones, Northwich, England, assignors to Imperial Chemical Industries Limited. Halogenated polymers of ethylene and preparation. 2,398,803; Apr. 23.

Myles Salt Company, Limited, assignee: *See*—
Drake, John C.

Myres, Magnus J., U. S. Army, Mexia, Tex. Detergent composition. 2,402,657; June 25.

Nabenhauer, Fred P., Somerton, assignor to Smith, Kline & French Laboratories, Philadelphia, Pa. β-phenyl, β-alkyl isopropyl amines. 2,394,092; Feb. 5.

Naber, George J.: *See*—
Anderson, William C., and Naber.

Nabstedt, Arthur T., Hamden, Conn., assignor to The Snow-Nabstedt Gear Corporation. Clutch mechanism. 2,393,398; Jan. 22.

Naccache, Albert, Beirut, Lebanon. Internal-combustion engine. 2,400,432; May 14.

Nachemov, Leonard, assignor to Sossner Steel Stamps, New York, N. Y. Precision grinding wheel dressing device. 2,411,223; Nov. 19.

Nachman, Joseph, Philadelphia, Pa. Sewing machine. 2,407,342; Sept. 10.

Nachod, Henry J., East Orange, N. J. Apparatus for manufacturing silica glass. 2,398,952; Apr. 23.

Nachtman, John S., Youngstown, Ohio. Apparatus for electroplating wire. 2,392,687; Jan. 8.

Nachtman, John S., Youngstown, Ohio. Manufacture of ductile stainless clad rolled steel strip. 2,402,834; June 25.

Nadeau, Elphege, Blackstone, Mass. Picker check. 2,399,562; Apr. 30.

Nadon, Albert, Fiedmond, Barraute, Abitibi, Quebec, Canada. Saw setting machine. 2,396,597; Mar. 12.

Nador, Emory: *See*—
Roeder, Dale, and Nador.

Naegele, John C., Upper Darby, Pa., assignor to Bendix Aviation Corporation, Teterboro, N. J. Measuring apparatus. 2,413,065; Dec. 24.

Naegell, Charles P., Long Island City, N. Y., assignor to General Motors Corporation, Detroit, Mich. Straightening apparatus for strip material. 2,393,702; Jan. 29.

Naftali, Valentine, Mount Vernon, N. Y. Making neckties. 2,404,981; July 30.

Nagel, Charles E., Great Falls, Mont. Gynecological instrument. 2,400,251; May 14.

Nagel, Henryk, Bronx, assignor to Practo Photo Accessories Corp., New York, N. Y. Coupling means for camera attachments. 2,401,367; June 4.

Nagel, Hugo, Wealdstone, and J. L. Crooks, Kingsway, London, W. C. 2, England, assignors to Eastman Kodak Company, Rochester, N. Y. Photographic camera. 2,396,874; Mar. 19.

Nagel, Theodore, Brooklyn, and H. D. Bliss, South Salem, N. Y.; said Bliss assignor to said Nagel. Oil burning equipment and controlling mechanism therefor. 2,403,230; July 2.

Nagele, Mathew, Cleveland, Ohio. Bed davenport. 2,392,688; Jan. 8.

Naghski, Joseph: *See*—
Hoover, Samuel R., Allen, and Naghski.

Nagin, Harold, Pittsburgh, assignor to Reliance Steel Products Company, McKeesport, Pa. Sectional grating. 2,394,713; Feb. 12.

Nagin, Harry S., assignor to Reliance Steel Products Company, McKeesport, Pa. Structural member. 2,406,557; Aug. 27.

Nagle, Wesley M.: *See*—
Batchelder, George W., Nagle, Vyverberg, and Willis.
Casiner, James B., and Nagle.

Nagle, William E., Highland Park, N. J. Rectal lubricating injector. 2,399,936; May 7.

Nagy, Alexander, Lindenhurst, N. Y. Clothesline supporting device. 2,403,295; July 2.

Nagy, Daniel E., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparation of mono-aryl melamines. 2,392,607; Jan. 8.

Nagy, Daniel E., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparing substituted melamines. 2,392,608; Jan. 8.

Nagy, Valerie, Forest Hills, N. Y. Halter. 2,402,835; June 25.

Nakken, Theodore H., New Haven, and R. L. Stone, Orange, assignors to The Soundscriber Corporation, New Haven, Conn. Vibration and shock mounting for fragile instruments. 2,397,804; Apr. 2.

Nalle, George S., Jr., Austin, Tex. Top. 2,394,093; Feb. 5.

Nallinger, Fritz, Stuttgart, and A. Friedrich, Stuttgart-Bad Cannstatt, Germany; vested in the Alien Property Custodian. Multiple motor driving mechanism for aircraft with adjustable propeller. 2,396,745; Mar. 19.

Nameth, Louis S., Lakewood, assignor of thirty-three and one-third per cent to C. H. Sanborn and thirty-three and one-third per cent to L. A. Harvey, Ashtabula, Ohio. Shearing chisel. 2,392,495; Jan. 8.

Nampa, George L., Royal Oak, assignor to M. E. Nampa, Detroit, Mich. Piston. 2,410,895; Nov. 12.

Nampa, Mathew E., assignee: *See*—
Nampa, George L.

Nampa, Sulo M., Detroit, Mich., assignor to Grade Crossing Guard Corporation, Memphis, Tenn. Air operated auto stop. 2,403,014; July 2.

Nanasi, Nicholas, New York, N. Y. Diamond design jewelry chain. 2,400,591; May 21.

Nantz, Randolph D., Orange, Tex. Heat concentrating nozzle protector for heating, cutting, and welding torches, and the like. 2,404,590; July 23.

Napier, D., & Son, Limited, assignee: *See*—
Cowdrey, Cecil L., and Churchill.
Halford, Frank B., and Cowdrey.
Wilson, Thomas S., and Zdanowich.

Napier, James W.: *See*—
Arnold, Mervin V., and Napier.

Napier, James W., assignor to Clement O. Dennis, Macon, Ga. Separate section abutment ring mold component for tire recapping apparatus. 2,398,151; Apr. 9.

Naples, Angelo, assignee: *See*—
Nardulli, Michael J.

Naragon, Ernest A., Beacon, assignor to The Texas Company, New York, N. Y. Preparation of aromatic hydrocarbons from hydrocarbon mixtures. 2,404,591; July 23.

Naragon, Ernest A., Beacon, assignor to The Texas Company, New York, N. Y. Preparation of aromatic hydrocarbons from hydrocarbon mixtures. 2,412,828; Dec. 17.

Naragon, Jesse M., Steubenville, Ohio. Splint. 2,400,772; May 21.

Nardone, Romeo M., Teaneck, assignor to Bendix Aviation Corporation, Teterboro, N. J. Landing gear actuator. 2,408,992; Oct. 8.

Nardone, Romeo M., Teaneck, assignor to Bendix Aviation Corporation, Teterboro, N. J. Actuator unit for retractable landing gears. 2,408,993; Oct. 8.

Nardone, Romeo M., Teaneck, assignor to Bendix Aviation Corporation, Teterboro, N. J. Engine starting mechanism. 2,412,829; Dec. 17.

Nardone, Romeo M., Westwood, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Control device for hoisting mechanism. 2,406,156; Aug. 20.

Nardone, Romeo M., Westwood, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Electromagnetic apparatus. 2,411,800; Nov. 26.

Nardulli, Michael J., assignor of one-half to A. F. Naples, Chicago, Ill. Venetian blind. 2,401,770; June 11.

Narracott, Eric S.: *See*—
Fawcett, Eric W. M., and Narracott.

Nash, Albert A. A., St. Louis, Mo. Adjustable support for concrete floor forms. 2,398,152; Apr. 9.

Nash, Alfred G.: *See*—
Doyle, Irving W., Nash, and Stellwagen.

Nash-Boulden, Stephen A., Santa Barbara, Calif., dedicated to the free use of the people in the territory of the United States. Stretcher pack saddle. 2,400,945; May 28.

Nash, Herbert G., Kew Gardens, N. Y. Rotary gate valve. 2,408,223; Sept. 24.

Nash, James, assignor to Eclipse Moulded Products Company, Milwaukee, Wis. Drafting triangle and the like. 2,401,265; May 28.

Nash-Kelvinator Corporation, assignee: *See*—
Armstrong, George M.
Cossin, Hursle E.
Frohnapel, Alvah V.
Philipp, Lawrence A.

Nason, Howard K., Springfield, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Molding cellulose ester compositions. 2,407,962; Sept. 17.

Nassau Smelting & Refining Company, assignee: *See*—
Deltz, Louis S., Jr.

Nassau Smelting & Refining Company, Incorporated, assignee: *See*—
Deltz, Louis S., Jr.

Nassour, Edward, Los Angeles, Calif. Race recording system. 2,408,528; Oct. 1.

Natelson, Samuel, B. Kramer, and R. Tekel, assignors to Jewish Hospital of Brooklyn Research Foundation, Brooklyn, N. Y. Organic acids. 2,400,433; May 14.

Nathan Manufacturing Company, assignee: *See*—
Folke, Bengt E.

National Acme Company, The, assignee: *See*—
Brown, Harry W.
Chrestoff, Christopher.
Drissner, Alfred E.

National Agrol Company, Inc., assignee: *See*—
Hale, William J., and Miller.

National Airoil Burner Company, Incorporated, assignee: *See*—
Straitz, John F.

National Antiseptics, Inc., assignee: *See*—
Frandsen, Lawrence.

National Automatic Tool Company, Inc., assignee: *See*—
Schafer, Robert A.
Schafer, Robert A., and Rodal.

National Automotive Fibres, Inc., assignee: *See*—
Faris, Harold P., and White.

National Bank of Bloomington, The, executor: *See*—
Paxton John W.

National Biscuit Company, assignee: *See*—
Mercier, Harvey O.
Tascher, Eugene S.
Tascher, Eugene S., and Bazant.

National Blank Book Company, assignee: *See*—
Schade, John.

National Brass Company, assignee: *See*—
Quigley, Herbert, and Ter Meer.

National Broach & Machine Company, assignee: *See*—
Austin, Donald D.
Drummond, Robert S.
Mentley, Max B.

National Carbon Company, Inc., assignee: *See*—
Glover, Roland L.
Skinner, George M.
Williford, Edward A.
National Cash Register Company, The, assignee: *See*—
Chollar, Robert G.
Compton, Justin S.
Compton, Justin S., and Mumma.
Cone, James H., and Mumma.
De Rosa, Louis A.
Desch, Joseph R., and Kilheffer.
Desch, Joseph R., and Mumma.
Grimes, William F.
Mumma, Robert E.
Mumma, Robert E., and Bucher.
Puterbaugh, Russel V. and W. H.
Robertson, William H.
National Cotton Council of America, assignee: *See*—
Musser, David M., and Engel.
National Cylinder Gas Company, assignee: *See*—
Chouinard, Alfred F.
Mott, Chester, and Wallace.
National Dairy Products Corporation, assignee: *See*—
Atwood, Francis C.
Rainard, Leo W.
National Distillers Products Corporation, assignee: *See*—
Pattee, Ellis C.
National Electronics Corporation, assignee: *See*—
Sherman, Floyd A.
National Equipment Co., assignee: *See*—
Mathers, Stephen P.
National Fireworks, Inc., assignee: *See*—
Davis, Tenney L.
Westervelt, John R., Jr.
National Foam System, Inc., assignee: *See*—
Hogenmiller, Francis J., Boyd, and Boerner.
Urquhart, George G.
National Folding Box Company, assignee: *See*—
Fink, Raymond E.
Pantalone, Vincent R.
Williamson, Marshall L., and Carruth.
National Gypsum Company, assignee: *See*—
Hessman, William.
National Inventions Corporation, assignee: *See*—
Boucher, Charles P.
National Lead Company, assignee: *See*—
Agnew, William Y.
Alessandroni, Hugh V., and Sterk.
Cole, Sandford S., and Meister.
Dittmer, Joseph C.
Hoeppel, Raymond W.
Kebrich, Leonard M.
Kebrich, Leonard M., and Peterson.
Larsen, Delmar H.
O'Shaughnessy, James M.
Stewart, Alexander, Pitrot, and Kebrich.
National License Plate Corporation, assignee: *See*—
Ducey, Roger H.
National Lock Co., assignee: *See*—
North, Edwin W., and Stone.
National Lock Washer Company, The, assignee: *See*—
Holleran, Dominic J., and Cerny.
Schunk, Joseph.
National Machinery Company, The, assignee: *See*—
Friedman, John H.
National Malleable and Steel Castings Company, assignee: *See*—
Buckius, Albert O.
Kashubeck, Archwood J., Spence, and Eler.
Shafer, James A.
National Oil Products Company, assignee: *See*—
Buxton, Loran O.
Buxton, Loran O., and Konen.
Grupelli, Logan D.
Dryden, Charles E., and Buxton.
Miskel, John J.
Price, Donald.
Price, Donald, and Griffith.
Price, Donald, and May.
Price, Donald, and Sprules.
Robinson, Edwin A., and Beach.
Robinson, Edwin A., and De Castro.
Rossiter, Laurence E., and Beach.
Segessemann, Ernest.
National Pectin Products Company, assignee: *See*—
Armbrust, Christopher J.
National Plastic Products Company, The, assignee: *See*—
Winer, Ephraim.
National Plastics, Inc., assignee: *See*—
Van Deventer, Christopher.
National Pneumatic Company, assignee: *See*—
Bassett, Cyrus W.
National Pressure Cooker Company, assignee: *See*—
Wittenberg, Edward H.
National Research Corporation, assignee: *See*—
Hayes, Norman V., and Humes.
National Ring Traveler Company, assignee: *See*—
Wentworth, Philip C.
National Rubber Machinery Company, assignee: *See*—
Magerkurth, Wilhelm A., and Buecken.
National-Simplex-Bludworth, Inc., assignee: *See*—
Blaisdell, Willard C.
Bludworth, Timothy F.
National Smelting Company, The, assignee: *See*—
Bonsack, Walter.
National-Standard Company, assignee: *See*—
Berquist, Leonard G.
National Steel Corporation, assignee: *See*—
Case, Irvin L.
Glush, Daniel P., and Clauss.
Gold, John D., and Foulke.
Halicki, William A., and Gordon.
Heist, Charles H.
Frum, General S.
Rieger, Ernest W., and Klein.
Selmi, Luciano G., and Altenburger.
Starr, Hugh O.
National Superior Company, The, assignee: *See*—
Morgan, John S., Jr., and Murphy.
National Supply Company, assignee: *See*—
Kelley, Theron R.
National Supply Company, The, assignee: *See*—
Archer, Merton T.
Bishop, James O., and Babcock.
Hanners, Harvey W.
Murphy, Demery A.
Stevenson, Lawrence J., and Babcock.
National Tool Company, assignee: *See*—
Schmidt, Lionel A.
National Tube Company, assignee: *See*—
Bednar, Joseph J., and Peck.
Clinedinst, William O.
Dunn, Jerry J.
Jones, George H.
Luce, Charles C., and Duncan.
Mumma, Paul F., and Thornton.
Myhrman, George.
Nesbitt, Andrew B., and Webb.
Nielsen, Peer D.
Wright, Edwin C.
National Union Radio Corporation, assignee: *See*—
Belden, Perry.
National Urn Bag Co. Inc., assignee: *See*—
Irmscher, Hans O.
National Venders, Inc., assignee: *See*—
Fry, Benjamin W.
Nauert, Carl H., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigerating apparatus. 2,407,721; Sept. 17.
Naugler, Walter E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Gun charging mechanism. 2,411,934; Dec. 3.
Naujoks, Rudolph and W., Los Angeles, Calif. Resonator for musical instruments. 2,400,592; May 21.
Naujoks, William: *See*—
Naujoks, Rudolph and W.
Nault, Joseph, Maynard, Mass. Shock absorber on sweep arm for picker motion looms. 2,413,643; Dec. 31.
Naumann, Herbert O., Englewood, N. J., assignor to North American Rayon Corporation, New York, N. Y. Adjustable yarn tension device. 2,397,153; Mar. 26.
Naumann, Herbert O., Englewood, N. J., assignor to North American Rayon Corporation, New York, N. Y. Apparatus for the manufacture of synthetic yarn. 2,410,456; Nov. 5.
Naumann, Herbert O., Englewood, N. J., assignor to North American Rayon Corporation, New York, N. Y. Manufacture of synthetic yarn. 2,410,673; Nov. 5.
Navon, Haimi, Brooklyn, N. Y. Combination umbrella and cape. 2,412,415; Dec. 10.
Navy, United States of America, as represented by the Secretary of, assignee: *See*—
Bertram, Sidney.
Brannin, James W.
Busacker, John W.
Busacker, John W., and Teresi.
Carpenter, Theodore H.
Falk, George E.
Good, Walter A.
Hammond, John H., Jr.
Henderson, Joseph E., and Janes.
Purington, Ellison S.
Riley, Joseph F.
Rosett, Walter.
Silent, Harold C.
Trenor, Albert D.
Wiener, Francis M., and Wallace.
Navy, United States of America, as represented by the Secretary of the, assignee: *See*—
Nichols, Harry J.
Nawoj, Edward J.: *See*—
Nesset, Naurice M., and Nawoj.
Naylor, Beatrice: *See*—
Clothier, William C., Naylor, and Dunning.
Naylor, Elmer M., assignee, et al.: *See*—
Eklund, Howard J.
Naylor, Joshua C.: *See*—
Holden, Warwick C., and Naylor.
Naysmith, Shirley R., assignor to The Miller Company, Meriden, Conn. Fluorescent lighting equipment. 2,395,008; Feb. 19.
Nazzaro, Rocco, Glen Rock, N. J. Apparatus for treating fabrics with liquid. 2,405,665; Aug. 13.
Nazzewski, Mathew: *See*—
Brooks, Lester A., and Nazzewski.

Neal, Arthur M., Wilmington, Del., and B. M. Sturgis, Pitman, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of heavy metal salts of dithiocarbamic acids. 2,406,960; Sept. 3.
Neal, Charles M., Biddeford, Maine, assignor to Saco-Lowell Shops, Boston, Mass. Oil circulating spindle. 2,410,388; Oct. 29.
Neale, Dory J., Topeka, Kans. Clamp for platform pulley blocks. 2,410,836; Nov. 12.
Nealon, Patrick J., Lakewood, Ohio. Measuring instrument. 2,399,288; Apr. 30.
Neander, Oscar, assignee: *See*—
Sherman, Fred A.
Nebel, Richard W., Waynesboro, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Treatment of cellulosic organic acid esters. 2,395,421; Feb. 26.
Nedblake, Greydon W.: *See*—
Nordeen, Ray H., and Nedblake.
Nedela, Stephen W., Flint, Mich. Machine guide attachment for scales. 2,402,658; June 25.
Needham, Donald P., and J. Stussi, assignors to Teletype Corporation, Chicago, Ill. Printing telegraph apparatus. 2,403,296; July 2.
Needham, Harry T.: *See*—
Barnebey, Herbert L., and Needham.
Needham, John C., assignor to Evershed & Vignoles Limited, Chiswick, London, England. Electrical follow-up device. 2,403,874; July 9.
Neelands, Abram R.: *See*—
Klopstock, Hans, and Neelands.
Neely, William H., assignor to The Universal Wire Spring Company, Cleveland, Ohio. Frame construction for seat structures. 2,399,563; Apr. 30.
Neely, William H., assignor to The Universal Wire Spring Company, Cleveland, Ohio. Upholstered spring construction. 2,407,933; Sept. 17.
Neff, Edward A., Chicago, Ill. Parachute pack opening device. 2,413,368; Dec. 31.
Neff, Joseph J.: *See*—
Brown, Walter J., and Neff.
Cahill, Lysle D., Neff, and Frampton.
Neff, Joseph J., South Euclid, assignor, by mesne assignments, to Jack & Heintz, Inc., Cleveland, Ohio. Measuring instrument. 2,397,196; Mar. 26.
Neff, Wallace, Los Angeles, Calif. Storage tank and constructing same. 2,413,243; Dec. 24.
Neff, Willard M., Dayton, Ohio. Bomb rack. 2,392,400; Jan. 8.
Negel, Günter: *See*—
Orlich, Peter, Negel, Hartz.
Negovan, Albert, Chicago, Ill., E. R. Stratton, and W. C. Roggie, assignors to Baker-Roos, Inc., Indianapolis, Ind. Shore. 2,405,321; Aug. 6.
Negrijn, Johannes, assignor of one-half to J. F. L. Negrijn, Cottingham, England. Green house structure. 2,393,055; Jan. 15.
Negrijn, Johannes F. L.: *See*—
Negrijn, Johannes.
Negus, Frank G., assignor to Aqua-Electric Corporation, Ltd., Halifax, Nova Scotia, Canada. Apparatus for purifying liquids. 2,399,289; Apr. 30.
Nehring, Emil A., Elmore, Minn. Combined stacker and loader. 2,402,071; June 11.
Nehrke, Charles, New York, N. Y., assignor to Revlon Products Corporation. Case for lipstick and the like. 2,402,072; June 11.
Neighbour, Leonard B., Moline, and F. A. Thomann, East Moline, assignors to Deere & Company, Moline, Ill. Wheeled vehicle. 2,397,429; Mar. 26.
Neilan, Thomas J., assignee: *See*—
Padva, Philip.
Neild, William G., Warren Point, assignor to Bendix Aviation Corporation, Teterboro, N. J. Carbon pile voltage regulator. 2,405,514; Aug. 6.
Neils, Charles E., assignor of one-tenth to J. R. Flor, Larkspur, Calif. Jar lifting device. 2,397,682; Apr. 2.
Neils, Gerhard F., Klickitat, Wash. Knot sealing machine. 2,392,827; Jan. 15.
Nell, Frederic, assignor to Landis Machine Company, Waynesboro, Pa. Thread cutting mechanism. 2,403,015; July 2.
Nelsen, Marvin G., Skokie, assignor to Guardian Electric Manufacturing Co., Chicago, Ill. Instant recycling time delay relay. 2,396,523; Mar. 12.
Nelson, Albert, Chicago, Ill., assignor to American Brake Shoe Company, Wilmington, Del. Clenching apparatus. 2,398,550; Apr. 16.
Nelson, Alex E., Los Angeles, assignor to Douglas Aircraft Comypany, Inc., Santa Monica, Calif. Metal forming machine. 2,407,573; Sept. 10.
Nelson, Arnold J., Washington, D. C. Flying time indicator. 2,394,801; Feb. 12.
Nelson, Arthur J., San Mateo, Calif. Self-priming centrifugal pump. 2,400,434; May 14.
Nelson, Averd, and H. H. Niemann, assignors to Prentiss Wabers Products Co., Wisconsin Rapids, Wis. Manifold support. 2,403,823; July 9.
Nelson, Bernard C., Norwood, Mass. Machine for treating skins and the like. 2,407,380; Sept. 10.
Nelson, Clarence L., Minneapolis, Minn. Device for maintaining film loops. 2,407,795; Sept. 17.
Nelson, Clarence P., Chicago, Ill. Dust seal for adjoining railroad cars. 2,408,473; Oct. 1.
Nelson, Claude A., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Control device. 2,411,747; Nov. 26.
Nelson, Claude A., and J. N. Good, Wilmerding, and A. B. De Salardi, Wilkinsburg, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Variable load brake apparatus. 2,402,434; June 18.
Nelson, David G., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Selecting device. 2,394,200; Feb. 5.
Nelson, Donald E.: *See*—
Okress, Ernest C., Nelson, and Retherford.
Nelson, Donald M., and H. W. Rockwell, assignors to La Plant-Choate Manufacturing Co., Inc., Cedar Rapids, Iowa. Oil tank. 2,396,927; Mar. 19.
Nelson, Earl W.: *See*—
Myhren, Arne J., and Nelson.
Nelson, Eleanor K.: *See*—
Nelson, Wilbur A., and E. K.
Nelson, Evan H.: *See*—
Francis, Victor J., and Nelson.
Nelson, Evan H., Harrow Weald, and J. Whittemore, Wembley, England, assignors to General Electric Company. Lead in seal structure. 2,400,946; May 28.
Nelson, Fred N., Seattle, Wash., assignor to Safety Boat Company. Boat. 2,397,683; Apr. 2.
Nelson, Fred N., assignor to Safety Boat Company, Seattle, Wash. Flush ventilator. 2,397,684; Apr. 2.
Nelson, Fred N., assignor to Safety Boat Company, Seattle, Wash. Floating naval base and harbor. 2,408,871; Oct. 8.
Nelson, George D., Los Angeles, Calif. Pencil-like implement. 2,411,975; Dec. 3.
Nelson, Harold R., Detroit, Mich. Polishing wheel and cement therefor. 2,408,946; Oct. 8.
Nelson, Harry H., assignor to Lorentzen Hardware Mfg. Corp., New York, N. Y. Venetian blind structure. 2,393,399; Jan. 22.
Nelson, Harry H., assignor to Lorentzen Hardware Mfg. Corp., New York, N. Y. Hold-down bracket. 2,402,769; June 25.
Nelson, Herbert, Bloomfield, N. J., assignor to Radio Corporation of America. Making long life secondary electron emitters. 2,393,803; Jan. 29.
Nelson, Homer B., U. S. Navy. Limited torque coupling. 2,412,630; Dec. 17.
Nelson, Jennings, St. Paul, Minn. Razor blade holder. 2,404,141; July 16.
Nelson, John G.: *See*—
Clemons, John E., and Nelson.
Nelson, Joseph F., Elizabeth, and A. B. Small, Roselle, N. J., assignors to Standard Oil Development Company. Solution polymerization process. 2,400,129; May 14.
Nelson, Martin L., Park Ridge, and A. M. Roberts, assignors to The American Perforator Company, Chicago, Ill. Check-endorsing and sorting machine. 2,412,830; Dec. 17.
Nelson, Neil A.: *See*—
Fox, Joseph E., Nelson, and Quincy.
Nelson, Nels H., Minneapolis, Minn. Dirigible airship. 2,406,302; Aug. 20.
Nelson, Philip R., and R. C. Phillips, Los Angeles, Calif. Dispensing device. 2,400,435; May 14.
Nelson, Raymond A., Deerfield, Ill. Computing apparatus. 2,412,416; Dec. 10.
Nelson, Reuben A., Silgo Park Hills, and W. O. Smith, Silver Spring, Md. Support for filament assemblies. 2,410,993; Nov. 12.
Nelson, Richard C., Clearwater Beach, assignor to Essential Oil Producers, Inc., Dunedin, Fla. Treatment of hydrophilic material and product. 2,412,282; Dec. 10.
Nelson, Richard E., assignor to Universal Development Company, Spokane, Wash. Rivet. 2,406,157; Aug. 20.
Nelson, Rolland D., Hales Corners, assignor to Line Material Company, South Milwaukee, Wis. Three-phase transformer. 2,398,109; Apr. 9.
Nelson, Rolland D., Hales Corners, assignor to Line Material Company, South Milwaukee, Wis. Three phase transformers. 2,411,104; Nov. 12.
Nelson, Seddon C., Front Royal, Va., assignor to American Viscose Corporation, Wilmington, Del. Multiple twister and doubler. 2,410,674; Nov. 5.
Nelson, Ted, assignee: *See*—
Perrin, William W.
Nelson, Ted, San Leandro, Calif. Chuck. 2,402,256; June 18.
Nelson, Ted, San Leandro, Calif. Stud for welding. 2,402,659; June 25.
Nelson, Ted, San Leandro, Calif. Insulation stud. 2,412,744; Dec. 17.
Nelson, Ted, San Leandro, Calif. Stud welding machine. 2,413,189; Dec. 24.
Nelson, Walter N., Fargo, N. D., and L. A. Pazandak, Minneapolis, Minn., assignors to Newday Seeds Inc., Fargo, N. D. Seed stripper. 2,412,002; Dec. 3.
Nelson, Wilbur A. and E. K., Los Angeles, Calif. Beverage mixer and cooler. 2,400,773; May 21.
Nelson, William B., Jackson Heights, and J. Johnsen and H. F. Dyruff, Brooklyn, N. Y., and S. R. Bell, Stamford, Conn., assignors to F. M. Shelley, Basking Ridge, N. J. Bottle cap forming and sealing machine. 2,401,499; June 4.

Nelson, William G., Jr.: *See*—
Schmidhuber, Ludwig, Nelson, and Hill.

Nemeth, Stephan P., Chicago, Ill. Pitch control means for sustaining rotors. 2,404,522; July 23.

Nemeyer, Roland O., assignor to California Institute Research Foundation, Pasadena, Calif. Aligning device for tools. 2,407,845; Sept. 17.

Nenninger, Lester F., and F. A. Hassman, assignors to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Control mechanism for milling machines. 2,393,928; Jan. 29.

Nenninger, Lester F., and F. A. Hassman, assignors to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Knee actuating mechanism for milling machines. 2,402,290; June 18.

Nepheline Products Limited, assignee: *See*—
Nicholson, Clifford M.

Neptune Meters Limited: *See*—
Stroud, William F.

Nerlinger, Ludwig F., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of cadmium yellow pigments. 2,406,472; Aug. 27.

Nesbitt, Andrew B., and S. Webb, Pittsburh, Pa., assignors to National Tube Company. Severing tool. 2,410,355; Oct. 29.

Ness, Harold J., Nutley, N. J., assignor to Metallurgical Processes Co. Metallurgical furnace. 2,394,002; Feb. 5.

Ness, Theodore N.: *See*—
Blankenship, Norwood, and Ness.

Ness, Walter E.: *See*—
Lacey, Harold T., and Ness.

Nesset, Naurice M., Glenview, and E. J. Nawoj, Chicago, assignors to Baxter Laboratories, Inc., Glenview, Ill. Preparation of sterile tubing sets. 2,399,137; Apr. 23.

Nesson, Israel, Lynn, assignor to M. Zaiger, Swampscott, Mass. Connector for windshield wiper arms. 2,404,523; July 23.

Nesterowicz, John J., Buffalo, assignor to Van Raalte Company, Inc., New York, N. Y. Controlling textile machines. 2,400,837; May 21.

Nestlen, Howard: *See*—
Kallas, Danos H., Cizek, and Nestlen.

Nesty, Glenn A.: *See*—
Crowder, John A., Kise, and Nesty.

Nesty, Glenn A., Syracuse, and W. C. Klingelhoefer, Baldwinsville, assignors to The Solvay Process Company, New York, N. Y. Production of styrene and butadiene. 2,400,774; May 21.

Netherly, George P.: *See*—
Palmquist, P. V., Cross, and Netherly.

Netherton, Truman H., assignee: *See*—
Gauldin, Robert A.

Nettel, Frederick: *See*—
Kreitner, Johann, and Nettel.

Nettel, Frederick, Manhasset, and J. Kreitner, New York, N. Y. Air expansion power system. 2,394,253; Feb. 5.

Nettel, Friedrich, New York, N. Y. Combustion engine and process. 2,396,524; Mar. 12.

Nettel, Friedrich, Tokyo, Japan; vested in the Alien Property Custodian. Operation and regulation of combustion turbines. 2,410,457; Nov. 5.

Nettesheim, Peter W., Chicago, Ill. Bed lamp. 2,406,029; Aug. 20.

Nettleship, Nell, San Diego, Calif. Baby holder and carrier. 2,411,331; Nov. 19.

Netzhammer, Harry F.: *See*—
Corbin, Fred A., and Netzhammer.

Neuberg, Carl A., New York, and I. S. Roberts, Fieldston, assignors, by mesne assignments, to Sun Chemical Corporation, New York, N. Y. Manufacturing invertase preparations. 2,406,624; Aug. 27.

Neuberg, Carl A., New York, and I. S. Roberts, Fieldston, N. Y. Production of glycerin from sugar by yeast fermentation. 2,410,518; Nov. 5.

Neuerburg, John F., Red Cloud, Nebr. Lighter flint. 2,396,114; Mar. 5.

Neufeld, Jacob, Tulsa, Okla. Navigational method and apparatus. 2,412,003; Dec. 3.

Neufeld, Jacob, Tulsa, Okla., assignor to Engineering Laboratories, Incorporated, Tulsa, Okla. Method and apparatus for seismic prospecting. 2,395,289; Feb. 19.

Neufeld, Jacob, assignor to Well Surveys, Incorporated, Tulsa, Okla. Method of and apparatus for investigation of cased drill holes. 2,400,593; May 21.

Neufeld, Leonard C., assignor to Fol-Dee Seat Company, Des Moines, Iowa. Child's toilet seat. 2,411,137; Nov. 12.

Neugass, Edwin A., Port Chester, N. Y. Tweezer implement and the like. 2,406,393; Aug. 27.

Neuhart, Andrew, assignor to Miller Printing Machinery Co., Pittsburgh, Pa. Registering sheets. 2,406,847; Sept. 3.

Neuhart, Frederick C., Shidler, Okla., assignor to Phillips Petroleum Company. Apparatus for heating catalyst chambers. 2,394,631; Feb. 12.

Neuhart, Frederick C., Shidler, Okla., assignor to Phillips Petroleum Company. Nondestructive hydrocarbon conversion. 2,405,097; July 30.

Neuhaus, Elmer C.: *See*—
Bartelheim, Leland A., and Neuhaus.

Neuhaus, Elmer C., Chicago, and C. W. Verrill, Hinsdale, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Apparatus for forming and assembling articles. 2,409,147; Oct. 8.

Neuhaus, Max, Bronxville, assignor to The Texas Company, New York, N. Y. Isomerizing hydrocarbons. 2,404,649; July 23.

Neuhaus, William, Neillsville, Wis. Door knocker. 2,405,916; Aug. 13.

Neunof, Maurice F., New York, N. Y. Submarine detecting buoy. 2,395,679; Feb. 26.

Neulander, Pauline E., assignee: *See*—
Elam, Richard I.

Neumair, Joseph A.: *See*—
Johnson, Carl W., and Neumair.

Neumann, George R., St. Clair Shores, and E. F. Farrell, Grosse Point Woods, Mich., assignors to Borg-Warner Corporation, Chicago, Ill. Offset inlet port for supercharging. 2,393,703; Jan. 29.

Neumann, Gustave L.: *See*—
McCoy, Abram A., and Neumann.

Neumann, Heinrich, G. Bukowski, and R. Ramshorn, Munich, E. Spiegel, Berlin-Charlottenburg, and H. Tonn, Berlin-Treptow, Germany; vested in the Alien Property Custodian. Aircraft engine cowling. 2,396,598; Mar. 12.

Neumann, Henry T., New York, N. Y. Treating motion picture film. 2,398,804; Apr. 23.

Neumann, Henry T., New York, N. Y., assignor of one-third to L. G. Arpin, Montclair, N. J., and one-third to E. L. Symonds, Jackson Heights, N. Y. Aerylic resins. 2,406,558; Aug. 27.

Neumann, William, Queens Village, N. Y. Combination air filter and silencer. 2,398,322; Apr. 9.

Neumann, William A., Rego Park, N. Y. Stuffing box. 2,403,875; July 9.

Neville, Don O., and A. L. Plauts, Pocahontas, Iowa. Manure loader. 2,402,908; June 25.

Nevins, Samuel L., Little Rock, Ark., N. F. Albertson, Columbus, Ohio, and J. S. Gilliam, Shreveport, La., assignors to Southern Acid and Sulphur Co., Inc., St. Louis, Mo. Extraction of sulphur from gases. 2,403,451; July 9.

New, Archibald A., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Electric insulating material. 2,401,266; May 28.

New, Winston R., Springfield, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Turbine apparatus. 2,411,552; Nov. 26.

Newall, Archibald P., Glasgow, Scotland. Power-driven bar-swaging machine. 2,410,742; Nov. 5.

Newark Engineering Company, assignee: *See*—
Fridén, John H.

Newark Stove Company, assignee: *See*—
Beck, Bjorn O.

Newbern, Lucy M., Greene, Iowa. Electric fence insulator. 2,398,847; Apr. 23.

Newbery, George, Hutton Mount, near Brentwood, and A. P. T. Easson, Hornchurch, assignors to May & Baker Limited, Dagenham, Essex, England. Soluble amidine salts. 2,394,003; Feb. 5.

Newbery, George, Brentwood, and A. P. T. Easson, Hornchurch, assignors to May & Baker Limited, Dagenham, Essex, England, a British company. Soluble amidine salts. 2,410,796; Nov. 5.

Newbery, Stanley, London, England. Electric master switches or electrical timing devices for controlling the operations of laundry or other plants or apparatus. 2,403,392; July 2.

Newbold, Park L., Cedar Rapids, Iowa. Hog trap. 2,408,872; Oct. 8.

New Britain Machine Company, The, assignee: *See*—
Rockwell, Edward A.

New Castle Products, assignee: *See*—
Shearer, William A., Shephard, and Watkins.

Newcomb, Philip P., Manchester, assignor to United Aircraft Corporation, East Hartford, Conn. Locking means for threaded members. 2,397,325; Mar. 26.

Newcombe, Frank A.: *See*—
Richardson, Henry K., Newcombe, and Laidig.
Whitmore, James B., Makenny, and Newcombe.

Newcomer, Jacob R., Jr., Middle River, and C. E. Adreon, Baltimore, assignors to The Glenn L. Martin Company, Middle River, Md. Tool holder. 2,395,751; Feb. 26.

Newday Seeds Inc., assignee: *See*—
Nelson, Walter N., and Pazandak.

Newell, Arthur T., Huntington, assignor to Kenyon Instrument Co., Inc., Huntington Station, N. Y. Pressure actuated switch. 2,391,916; Jan. 1.

Newell, Heber L., Bridgeport, Conn., assignor to General Electric Company. Electric heater. 2,393,182; Jan. 15.

Newell, Heber L., Bridgeport, Conn., assignor to General Electric Company. Control system. 2,394,399; Feb. 5.

Newell, Heber L., Bridgeport, Conn., assignor to General Electric Company. Control device. 2,403,824; July 9.

Newell, Wallace L., Seattle, Wash. Raising sunken vessels. 2,412,417; Dec. 10.

Newell, William H.: *See*—
Poltras, Edward J., Tear, and Newell.

Newell, William H., New York, assignor to Ford Instrument Company, Inc., Long Island City, N. Y. Control mechanism. 2,400,775; May 21.

Newell, William H., New York, assignor to Ford Instrument Company, Inc., Long Island City, N. Y. Irreversible drive. 2,402,073; June 11.

Newell, William H., New York, assignor to Ford Instrument Company, Inc., Long Island City, N. Y. Torpedo data computer. 2,403,542; July 9.

Newell, William H., New York, assignor to Ford Instrument Company, Inc., Long Island City, N. Y. Gunfire control computer. 2,403,543; July 9.

Newell, William H., New York, assignor to Ford Instrument Company, Inc., Long Island City, N. Y. Gunfire control computer. 2,403,544; July 9.

Newell, William H., New York, assignor to Ford Instrument Company, Inc., Long Island City, N. Y. Electrical follow-up. 2,405,045; July 30.

Newell, William H., New York, assignor to Ford Instrument Company, Inc., Long Island City, N. Y. Motion reproducing mechanism. 2,405,046; July 30.

Newell, William H., New York, assignor to Ford Instrument Company, Inc., Long Island City, N. Y. Sight control mechanism. 2,405,047; July 30.

Newell, William H., New York, assignor to Ford Instrument Company, Inc., Long Island City, N. Y. Variable speed device. 2,412,468; Dec. 10.

New England Lime Company, assignee: *See*—
Loomis, Chauncey C., and Barrett.

New-Era Walls, Limited, assignee: *See*—
Williams, Francis A.

Newey, Daniel H., Detroit, Mich., assignor to Thompson Products, Inc., Cleveland, Ohio. Socket assembly. 2,398,848; Apr. 23.

Newhall, Almer M., Jr.: *See*—
Drieschman, Donald F., Sheperd, Rabinawitz, Newhall, and Sorg.

Newhall, Carl Peabody, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Tack handling mechanism. 2,400,130; May 14.

New Holland Machine Company, assignee: *See*—
Nolt, Edwin B.

Newhouse, Russell C., Millburn, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Aircraft blind landing system. 2,405,231; Aug. 6.

New Jersey Fence Company: *See*—
Farrell, Frank J.

New Jersey Zinc Company, The, assignee: *See*—
Boyle, Edward J., and Anderson.
Edmunds, Gerald H.
Fetterolf, Luther D.
Myhren, Arne J., and Nelson.
Peirce, Willis M.
Rodda, John L.
Waring, Robert K.

Newkirk, Daniel L., Inkster, and E. E. Ensign, Ypsilanti, assignors to Ford Motor Company, Dearborn, Mich. Processing kiln. 2,404,650; July 23.

Newkirk, Thomas A., Fairfield, Ohio. Band switch mechanism for transmission lines. 2,391,917; Jan. 1.

Newman, Claude, Lincoln, Nebr. Display card. 2,401,177; May 28.

Newman, Edwin B., and J. Miller, Cambridge, Mass. Noise shield for transmitter mouth-pieces. 2,408,474; Oct. 1.

Newman, Eric P., Clayton, assignor to Automatic Control Corporation, St. Louis, Mo. Burner control. 2,407,438; Sept. 10.

Newman, George W., Kansas City, Mo. Pocketknife 2,407,897; Sept. 17.

Newman, Herman M., Great Neck, N. Y. Frame or mount. 2,395,191; Feb. 19.

Newman, I., & Sons, Inc., assignee: *See*—
Kispert, Joseph J.

Newman, Max M., New York, N. Y. Necktie form. 2,402,291; June 18.

Newman, Max M., New York, N. Y. Sewing machine needle. 2,409,445; Oct. 15.

Newman, Max M. and V. M., New York, N. Y. Collar. 2,411,385; Nov. 19.

Newman, Milton, Philadelphia, Pa. Warp knitted pile rug. 2,396,525; Mar. 12.

Newman, Morris, Minneapolis, Minn. Electrostatic precipitator apparatus. 2,397,197; Mar. 26.

Newman, Ruth R., assignee, et al.: *See*—
Pomeroy, Roy J.

Newman, Strother M., assignor of one-half to J. A. Clem, III, Staunton, Va. Tape applying machine. 2,392,609; Jan. 8.

Newman, Thomas P.: *See*—
Zinkil, Roy H., and Newman.

Newman, Victor M.: *See*—
Newman, Max M. and V. M.

Newman, William D.: *See*—
Wilson, Edwin A., and Newman.

Newman, William J., assignor to The Gardner-Richardson Company, Middletown, Ohio. Carrying means for containers. 2,397,880; Apr. 2.

Newmark, David, and W. Kramer, New York, N. Y. Producing balsa slices. 2,409,785; Oct. 22.

Newmark, Joseph M., New York, N. Y. Socket for pressure gauges. 2,392,057; Jan. 1.

Newnham, Eugene N., Los Angeles, assignor to M. N. Felker, doing business as Felker Manufacturing Co., Torrance, Calif. Thin abrasive wheel. 2,394,326; Feb. 5.

Newport, Alba, Kokomo, Ind. Hand truck. 2,406,158; Aug. 20.

New Products Corporation, assignee: *See*—
Banker, Oscar H.

Newton, Alwin B., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control device. 2,394,714; Feb. 12.

Newton, Alwin B., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Radiation heating and cooling system. 2,396,338; Mar. 12.

Newton, Alwin B., Dayton, Ohio, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Adjustment means for control devices. 2,402,435; June 18.

Newton, Howard L.: *See*—
Merker, Herman, and Newton.

Newton, John A., and N. Hoertz, assignors to Thompson Products, Inc., Cleveland, Ohio. Shaft bearing assembly. 2,406,891; Sept. 3.

Newton, Lawrence W.: *See*—
Johnston, Franklin, and Newton.

Newton, Lowell R.: *See*—
Walter, Charles T.

Newton, Norman B., and R. Fennema, assignors to Crane Co., Chicago, Ill. Valve. 2,406,243; Aug. 20.

Newton, Roger H., Bowling Green, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Production of aviation gasoline. 2,406,394; Aug. 27.

Newton, William, Notre Dame de Grace, Quebec, Canada, assignor to Western Electric Company, Incorporated, New York, N. Y. Testing apparatus. 2,401,954; June 11.

New Wrinkle, Inc., assignee: *See*—
Waldie, William A.

New York Air Brake Company, The, assignee: *See*—
Baldwin, Wayne A.
Durrett, James J.
Huber, Matthew W.
Pickert, Lynn I.
Sudduth, Henry N.

New York & Brooklyn Casket Co., assignee: *See*—
Zaiser, William.

Neyzi, Ahmet H., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Amplifier coupling device. 2,405,515; Aug. 6.

Niagara Blower Company, assignee: *See*—
Devorall, Charles N.
Stutz, Robert C.

Niagara Machine & Tool Works, assignee: *See*—
Munschauer, Edwin A., Jr.

Nicaro Nickel Company, assignee: *See*—
Brogdon, Vas Hubert.
Hills, Robert C.
Hills, Robert C., and Dufour.

Nichol, Arthur V., Elkins Park, assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Device for use with helically-wound coils. 2,406,961; Sept. 3.

Nichol, Frederick W., assignor to International Business Machines Corporation, New York, N. Y. Typewriter demonstrator. 2,392,256; Jan. 1.

Nichol, Margaret A., New Wilmington, Pa. Overflow stopper for sinks and the like. 2,394,094; Feb. 5.

Nicholl, Leonard: *See*—
Bitler, William P., and Nicholl.
Flisik, Alvin C., Nicholl, and Bitler.
Kesslin, George, and Nicholl.

Nicholl, Leonard, Nyack, and W. P. Bitler, Haverstraw, assignors to Kay-Fries Chemicals, Inc., West Haverstraw, N. Y. Triethylene glycol diheptoate. 2,412,469; Dec. 10.

Nicholls, Malcolm B., assignor to The J. H. Day Company, Cincinnati, Ohio. High-speed sifter. 2,395,138; Feb. 19.

Nicholls, Richard S.: *See*—
Compton, Walter A., and Nicholls.

Nicholls, Richard S., assignor to Miles Laboratories, Inc., Elkhart, Ind. Production of mono-calcium citrate. 2,396,115; Mar. 5.

Nichols, Adelbert P., Jr., Johnson County, Kans. Dehydrator. 2,410,675; Nov. 5.

Nichols, Bertie, assignor to Robert S. Miller and Harold L. Grubman, Los Angeles, Calif. Shoulder pad. 2,402,292; June 18.

Nichols, Charles R.: *See*—
Pearson, John M., and Nichols.

Nichols, Charles R., Jr., assignor to Joseph Dixon Crucible Company, Jersey City, N. J. Pencil machine. 2,405,367; Aug. 6.

Nichols, Charles R., Jr., Jersey City, N. J., and R. H. Simpson, Staten Island, N. Y., assignors to Joseph Dixon Crucible Company, Jersey City, N. J. Machine for making hollow rivets. 2,403,297; July 2.

Nichols, Charles W., West Orange, N. J. Incinerating apparatus. 2,402,436; June 18.

Nichols, Charles W., West Orange, N. J., assignor to C. W. Nichols, Jr., New York, N. Y. Furnace construction. 2,412,057; Dec. 3.

Nichols, Charles W., Jr., assignee: *See*—
Nichols, Charles W.

Nichols, Florence: *See*—
Hindle, Alfred E.

Nichols, Harry J., Washington, D. C., assignor to the United States of America, as represented by the Secretary of the Navy. Spotting projectiles. 2,409,380; Oct. 15.

Nichols, Peter L., Jr.: *See*—
Hamilton, Robert M., and Nichols.

Nichols, Peter L., Jr., and R. M. Hamilton, Philadelphia, Pa., assignors to United States of America, as represented by Claude R. Wickard, Secretary of Agriculture, and his successors in office. Preparation of starch ethers. 2,405,973; Aug. 20.

Nichols, Peter L., Jr., Philadelphia, P. E. Meiss, Fort Washington, and E. Yanovsky, Philadelphia, assignors to United States of America as represented by the Secretary of Agriculture. Preparing soluble allyl starch. 2,413,463; Dec. 31.

Nichols, Ralph G.: *See*—
Morey, William E., and Nichols.

Nicholson, Charles A., U. S. Navy. Arresting mechanism for aircraft. 2,399,244; Apr. 30.

Nicholson, Clifford M., Ottawa, Ontario, assignor to Nepheline Products Limited, Toronto, Ontario, Canada. Production of lithium compounds. 2,413,644; Dec. 31.

Nicholson, Edward W. S., and A. K. Redcay, Baton Rouge, La., assignors to Standard Oil Development Company. Desulphurization of hydrocarbon oils. 2,409,690; Oct. 22.

Nicholson, Frank H., Penn Township, Allegheny County, assignor to The Union Switch & Signal Company, Swissvale, Pa. Code detecting means. 2,403,744; July 9.

Nicholson, James C., Davis, Calif. Siphon tube. 2,393,867; Jan. 29.

Nicholson, Madison G., Jr., assignee: *See*—
Carlson, Robert W., and Nicholson.

Nicholson, Madison G., Jr., Snyder, assignor to Colonial Radio Corporation, Buffalo, N. Y. Push-button control of signal seeking receivers. 2,394,869; Feb. 12.

Nicholson, Madison G., Jr., Snyder, assignor to Colonial Radio Corporation, Buffalo, N. Y. Time delay apparatus. 2,401,094; May 28.

Nicholson, T. Buford, assignee: *See*—
Clarkson, William P.

Nickerson, Winfield T., Lynn, Mass., assignor to General Electric Company. Centrifugal compressor. 2,405,048; July 30.

Nickle, Clifford A., Schenectady, N. Y., assignor to General Electric Company. Fluorescent zinc oxide. 2,408,475; Oct. 1.

Nicodemus, Clarence, Chauvin, Alberta, Canada. Tractor drawn freight hauling car. 2,405,161; Aug. 6.

Nicolaus, Frank G.: *See*—
Brelther, Robert H., Selden, Breitenstein, and Nicolaus.

Nicoll, Frederick H., Princeton, N. J., assignor to Radio Corporation of America. Nonreflective film. 2,410,300; Oct. 29.

Nicolls, Wilfrid E. W.: *See*—
Ifield, Richard J., and Nicolls.

Niebusch, Ruth, assignee: *See*—
Seaton, Robert R.

Niederhauser, Robert J.: *See*—
Spiller, William E., and Niederhauser.

Niederl, Joseph B., V. Niederl, and M. E. McGreal, Brooklyn, N. Y. N-benzyl-n-alkyl morpholinium compounds. 2,406,892; Sept. 3.

Nield, Leslie C., Glossop, assignor to Tootal Broadhurst Lee Company Limited, Manchester, England. Web feeding device. 2,402,074; June 11.

Nielsen, Clayton P., assignor to Mid-States Equipment Company, Chicago, Ill. High-frequency arc welder. 2,395,062; Feb. 19.

Nielsen, Emanuel, and A. W. Seyfried, Racine, Wis., assignors to Scovill Manufacturing Company, Waterbury, Conn. Motor driven food mixer. 2,405,707; Aug. 13.

Nielsen, Gordon A., Piedmont, Calif. Steel rack. 2,398,153; Apr. 9.

Nielsen, James S., Stow, Ohio, assignor to Goodyear Aircraft Corporation, Akron, Ohio. Die. 2,402,836; June 25.

Nielsen, James S., Stow, assignor to Goodyear Aircraft Corporation, Akron, Ohio. Apparatus for forming sheet metal. 2,410,676; Nov. 5.

Nielsen, James S., Stow, and C. B. Mitchella, Akron, Ohio, assignors to Goodyear Aircraft Corporation. Metal bending and stretching. 2,411,801; Nov. 26.

Nielsen, Peer D., Lorain, Ohio, assignor to National Tube Company. Apparatus for reversing furnaces. 2,397,365; Mar. 26.

Nielsen, Peter: *See*—
Taylor, Ernest W., and Nielsen.

Niemann, Frederick A., assignor to Felt & Tarrant Manufacturing Company, Chicago, Ill. Device for distribution of accounts. 2,397,685; Apr. 2.

Niemann, Frederick A., assignor to Felt & Tarrant Mfg. Co., Chicago, Ill. Key responsive calculating machine. 2,402,569; June 25.

Niemann, Harold H.: *See*—
Nelson, Averd, and Niemann.

Niemaber, Joseph C., Cincinnati, Ohio. Wrist watch strap. 2,400,594; May 21.

Nierderl, Victor: *See*—
Nierderl, Joseph B. and V., and McGreal.

Niere, Herman, St. Louis, Mo. Poultry feeder. 2,406,432; Aug. 27.

Nies, William L., Wheaton, Ill. Stroboscopic apparatus for phonographs. 2,407,996; Sept. 24.

Niessen, Paul F., Canal Fulton, and A. R. Cox, Cuyahoga Falls, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Making cellular rubber articles. 2,394,327; Feb. 5.

Nieuwenhuis, Henry, Kalamazoo, Mich. Perforate bulb-grading table, gyratory movement, with lateral impact. 2,412,905; Dec. 17.

Nighthart, George E.: *See*—
Rearick, Walter S., and Nighthart.

Nightingale, William J., Oak Park, Ill., assignor of one-half to G. C. Bruen. Chucking and driving device. 2,399,290; Apr. 30.

Nigro, Henry, Torrington, Conn., assignor to Aircraft Screw Products Company, Inc., Long Island City, N. Y. Wire coiling machine. 2,393,804; Jan. 29.

Nihon, Alexis, Dorval, Quebec, Canada. Picture frame or the like. 2,408,994; Oct. 8.

Nihon, Alexis, Dorval, Quebec, Canada. Venetian blind. 2,413,464; Dec. 31.

Niles-Bement-Pond Company, assignee: *See*—
Drake, Alden M.
Jaeger, Jacob J.

Niles, Joseph B., Chicago, Ill., assignor to Thomas J. Dee & Co. Apparatus for electrolytic treatment. 2,398,110; Apr. 9.

Nilles, Philip C., and J. A. Steffen, Chicago, Ill. Auxiliary air furnishing device. 2,410,125; Oct. 29.

Nilson, Frederick W., Worcester, Mass. Automatic direction indicator. 2,407,934; Sept. 17.

Nilssen, Leif, Westerleigh, Staten Island, N. Y., and S. J. Finelli, Rahway, N. J., assignors to Foster Wheeler Corporation, New York, N. Y. Welding jig. 2,402,178; June 18.

Nilsson, Axel E., Gustavsberg, Sweden. Separator for dust or other solid impurities. 2,396,526; Mar. 12.

Nilsson, Sten A.: *See*—
Ahlberg, Curt F., and Nilsson.

Nimetz, Gertrude, Rego Park, assignor to G. H. and E. Freydberg, Inc., New York, N. Y. Garment insert. 2,399,564; Apr. 30.

Nims, Paul T., and O. E. Bowlus, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Electrical control system. 2,409,581; Oct. 15.

Nineteen Hundred Corporation, assignee: *See*—
Geldhof, Peter E., and Ringer.

Ninol Development Co., assignee: *See*—
Rosenthal, Nina K.

Nisbet, Thomas D., Rocky River, Ohio. Fluid pump. 2,405,322; Aug. 6.

Nisenson, Jules, assignor to Publix Metal Products, Inc., New York, N. Y. Venetian blind cord-locking construction. 2,408,333; Sept. 24.

Nisewanger, Carrol R., and F. W. Brown, Pittsburgh, Pa., assignors to the Government of the United States, as represented by the Secretary of the Department of Interior. Electronic chronoscope for measuring rates of detonation. 2,395,902; Mar. 5.

Nissen, Ulrich, Berlin-Hermsdorf, Germany; vested in the Alien Property Custodian. Extrusion press. 2,392,336; Jan. 8.

Nissenbaum, Moses D., Brooklyn, assignor, by mesne assignments to General Hardware Mfg. Co. Inc., New York, N. Y. Drill case. 2,403,825; July 9.

Nitralloy Corporation, The, assignee: *See*—
Partiot, Maurice.

Nitterauer, Frank D., Minneapolis, Minn., assignor to American Telephone and Telegraph Company. Signaling system. 2,397,881; Apr. 2.

Nitzberg, Benjamin, Baltimore, Md. Pictorial display device. 2,401,436; June 4.

Niven, Charles D., assignor to The Honorary Advisory Council for Scientific and Industrial Research, Ottawa, Ontario, Canada. Heating system for refrigerator cars. 2,393,868; Jan. 29.

Nixon, Alan C.: *See*—
Davis, Orris L., and Nixon.

Nixon, Alan C., Oakland, and D. L. Yabroff, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Treating hydrocarbons. 2,411,105; Nov. 12.

Nixon, Ivor G., Ewell, England, assignor to Shell Development Company, San Francisco, Calif. Production of aviation gasoline. 2,404,452; July 23.

Nixon, Jeddy D., New Braunfels, Tex. System and apparatus for flowing wells. 2,405,323; Aug. 6.

Nixon, Jeddy D., New Braunfels, Tex. Systems of and apparatuses for flowing wells. 2,405,324; Aug. 6.

Noack, Walter G., assignor to Aktiengesellschaft Brown, Boveri & Cie, Baden, Switzerland. Firing arch for furnaces. 2,396,875; Mar. 19.

Noack, Walter G., assignor to Aktiengesellschaft Brown, Boveri & Cie, Baden, Switzerland. Apparatus for removing slag from furnaces. 2,399,884; May 7.

Noble, Frank G., Houston, Tex., assignor to Standard Oil Development Company. Recovering volatile hydrocarbons from gases. 2,409,691; Oct. 22.

Noble, Glenn S., assignee: *See*—
Freeman, Alpheus J.

Noble, Le Isle D., Maple Heights, A. H. Stanton, Jr., Shaker Heights, and J. G. Jergens, Warrenville Heights, Ohio; said Jergens assignor to said Noble and said Stanton. Machine tool. 2,396,281; Mar. 12.

Noble, Lilly F. S., assignee: *See*—
Noble, Warren.

Noble, Robert H., Wharton, N. J. Applicator. 2,403,016; July 2.

Noble, Sidney H., Harrow Weald, and H. P. Rooksby, Wealdstone, England, assignors to General Electric Company. Activated electrode. 2,394,095; Feb. 5.

Noble, Thomas W., Detroit, Mich. Thermoplastic coating. 2,394,254; Feb. 5.

Noble, Warren, Washington, D. C., assignor to Lilly F. S. Noble, Garden City, N. Y. Composite slab sheet or plate. 2,391,997; Jan. 1.

Noblitt, Quintin G., and E. Ludlow, assignors to Noblitt-Sparks Industries, Inc., Columbus, Ind. Rear-view mirror mounting. 2,393,056; Jan. 15.

Noblitt-Sparks Industries, Inc., assignee: *See*—
Booth, Earl C.
Noblitt, Quintin G., and Ludlow.

Nobs Chemical Company, assignee: *See*—
Akeyson, Swan M., and Stockham.

Noddin, George A.: *See*—
Burrows, Lawton A., and Noddin.

Noder, Herman O.: *See*—
Martin, Joseph F., Jr., and Noder.

Noel, Edward B., Cleveland Heights, Ohio, assignor to General Electric Company. Projection lamp. 2,392,828; Jan. 15.

Noel, Edward B., Cleveland Heights, Ohio, assignor to General Electric Company. Electric lamp adapter. 2,394,468; Feb. 5.

Noel, Edward B., Cleveland Heights, Ohio, assignor to General Electric Company. Discharge device. 2,398,111; Apr. 9.

Noel, Edward B., Cleveland Heights, Ohio, assignor to General Electric Company. Base for electric lamps and similar devices. 2,401,228; May 28.

Noel, Edward B., Cleveland Heights, and A. W. Seitz, Euclid, Ohio, assignors to General Electric Company. Multiflash lamp device. 2,408,470; Oct. 1.

Noel, William A., Washington, D. C., assignor to the United States of America, as represented by the Secretary of Agriculture. Dehydrating meats containing fats in a fluid current. 2,406,395; Aug. 27.

Noffsinger, Charles A.: *See*—
Quattlebaum, William M., Jr., and Noffsinger.

Noguera, Joseph, Prestwich, Manchester, assignor to Casablancas Hlich Draft Company Limited, Manchester, England. Bobbin holder. 2,408,674; Oct. 1.

Noland, Albert C.: *See*—
Howard, James, Jr., and Noland.

Noland, Thomas T.: *See*—
Nygaard, Edwin M., and Noland.

Noland, Thomas T., and E. M. Nygaard, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Diesel fuels. 2,392,610; Jan. 8.

Noles, Sidney O., Portland, Oreg. Making artificial eyes. 2,394,400; Feb. 5.

Noll, Henry D.: *See*—
Payne, John W., Noll, and Kalichevsky.

Nolt, Edwin B., Ephrata, assignor to New Holland Machine Company, New Holland, Pa. Hydraulically controlled baler. 2,396,720; Mar. 19.

Noonan, John, St. Louis, Mo., assignor to D. H. Finke, Chicago, Ill. Counter. 2,406,962; Sept. 3.

Nootens, Julian H., Chicago, Ill., assignor to United States Gypsum Company. Insulating bat. 2,409,951; Oct. 22.

Norcor Manufacturing Company, Inc., assignee: *See*—
Maurer, Anton A.

Norcross, Thomas, Erdington, Birmingham, assignor to Dunlop Rubber Company Limited, London, England. Tire repairing apparatus. 2,399,937; May 7.

Nord, Eric T., assignor to U. S. Automatic Corporation, Amherst, Ohio. Milling machine. 2,402,179; June 18.

Nord, Evan W., and C. J. F. Holzhauer, assignors to U. S. Automatic Corporation, Amherst, Ohio. Adapter for grinding form tools. 2,395,139; Feb. 19.

Nord, Friedrich F., Bronx, N. Y. Glycol esters and producing same. 2,403,876; July 9.

Nordberg Manufacturing Company, assignee: *See*—
Froehlich, Kurt.
Talbova, Henry H.

Nordeen, Ray H., and G. W. Nedblake, North Kansas City, assignors to Package Service Company, Kansas City, Mo. Tape dispenser. 2,400,776; May 21.

Nordlander, Birger W., Schenectady, N. Y., assignor to General Electric Company. Resinous products from furfuryl alcohol and making the same. 2,399,055; Apr. 23.

Nordlund, Karl F., Ostertalje, Sweden. Steam generator. 2,403,017; July 2.

Nordquist, Ronald E. J., Maplewood, N. J., assignor to American Can Company, New York, N. Y. Blank feeding mechanism. 2,395,496; Feb. 26.

Nordquist, Ronald E. J., Maplewood, N. J., assignor to American Can Company, New York, N. Y. Feeding device. 2,395,497; Feb. 26.

Nordquist, Ronald E. J., Maplewood, N. J., assignor to American Can Company, New York, N. Y. Coating machine. 2,395,903; Mar. 5.

Nordquist, Ronald E. J., Maplewood, N. J., assignor to American Can Company, New York, N. Y. Liquid filling machine. 2,405,232; Aug. 6.

Nordstrom, Carl E., Evanston, assignor to Teletype Corporation, Chicago, Ill. Metal cutting tool. 2,410,896; Nov. 12.

Nordstrom, Sven J., Lafayette, Calif., assignor to Merco Nordstrom Valve Company, Pittsburgh, Pa. Plug valve closure. 2,398,444; Apr. 16.

Norgaard, Donald E., Schenectady, N. Y., assignor to General Electric Company. Cathode ray apparatus. 2,407,898; Sept. 17.

Norin, Allan A., assignor to Gaylord Products Incorporated, Chicago, Ill. Hair curler. 2,403,992; July 16.

Norkin, Morris, assignor to Marvel Slide Fastener Corporation, New York, N. Y. Bridge stops for slide fasteners and apparatus for making the same. 2,397,037; Mar. 19.

Norlander, Birger W.: *See*—
Agens, Maynard C., and Norlander.

Norman, Charles R., Jr.: *See*—
Huntzicker, Harry N., and Norman.

Norman, Ernest B., New Orleans, La. Coupling nozzle for air grease guns. 2,403,678; July 9.

Norman, George, assignor to Spalding Knitting Mills, Griffin, Ga. Knitting method and machine. 2,408,807; Oct. 8.

Norman, George, assignor to Spalding Knitting Mills, Griffin, Ga. Seamless stocking. 2,408,440; Oct. 1.

Norman, Horace M., Skokie, assignor to Stewart-Warner Corporation, Chicago, Ill. Electrical indicator. 2,401,830; June 11.

Norris, Richard O., Chicago, Ill., assignor to Sinclair Refining Company, New York, N. Y. Beta-amino, beta-propyl glutaronitriles and preparing them. 2,409,061; Oct. 8.

Norris, Victor H., Bremerton, Wash. Closure operating mechanism. 2,400,568; May 21.

Norris, W. C., Manufacturer, Incorporated, assignee: *See*—
Norton, Joseph R.

Norrman, Ernst, Delavan, Wis., assignor to George W. Borg Corporation, Chicago, Ill. Frequency divider. 2,410,389; Oct. 29.

North, Dwight O., Cranbury, N. J., assignor to Radio Corporation of America. Electron discharge device. 2,413,244; Dec. 24.

North, Edwin W., and R. A. Stone, assignors to National Lock Co., Rockford, Ill. Furniture handle. 2,407,763; Sept. 17.

North Electric Manufacturing Company, The, assignee: *See*—
McBerty, Frank R.,

North, Gerald C., A. J. Alton, and L. Little, assignors to Beatrice Creamery Company, Chicago, Ill. Composition. 2,392,995; Jan. 15.

North, Gerald C., Evanston, and A. J. Alton, assignors to Beatrice Creamery Company, Chicago, Ill. Dairy process. 2,392,401; Jan. 8.

North, Gerald C., Evanston, and A. J. Alton, assignors to Beatrice Creamery Company, Chicago, Ill. Dairy product. 2,399,565; Apr. 30.

North American Aviation, Inc., assignee: *See*—
Baldwin, Herbert W.
Broadston, James A., and Sprague.
Chapman, James E., and Bussiere.
Chester, Arthur C.
Day, Luther F.
Gillum, Donald E., and Gallant.
Henrichsen, Knut.
Keller, Philip B., and Jelinek.
Olmore, Duane C.
Snow, William H., and Brengman.
Torresen, Carel T.
Villepigue, Julius G.

North American Manufacturing Company, The, assignee: *See*—
Sladky, Charles E.

North American Philips Company, Inc., assignee: *See*—
Beers, John R.
Garretson, Harry D.
Shore, Sidney X.

North American Rayon Corporation, assignee: *See*—
Nauman, Herbert O.

North British Rubber Company Limited, assignee: *See*—
Johnston, Alexander.

Northern Equipment Company, assignee: *See*—
Schlieder, Harold A.

Northern Metal Products Company, assignee: *See*—
Anstedt, Paul.

Northey, Elmore H., Bound Brook, N. J., assignor to American Cyanamid Company, New York, N. Y. Formylacetic ester. 2,394,255; Feb. 5.

Northrop Aircraft, Inc., assignee: *See*—
Ashkenas, Irving L.
Northrop, John K.
Northrop, John K., and Sears.
Orman, William R.
Pavlecka, Vladimir H.
Pavlecka, Vladimir H., and Northrop.
Phelan, Arthur J., and Pavlecka.
York, Jones O., and Winslow.

Northrop, John K.: *See*—
Pavlecka, Vladimir H., and Northrop.

Northrop, John K., Los Angeles, assignor to Northrop Aircraft, Inc., Hawthorne, Calif. All-wing airplane. 2,406,506; Aug. 27.

Northrop, John K., Los Angeles, and W. R. Sears, Inglewood, assignors to Northrop Aircraft, Inc., Hawthorne, Calif. Tailless aircraft. 2,412,646; Dec. 17.

Northrop, John K., Los Angeles, and W. R. Sears, Inglewood, assignors to Northrop Aircraft, Inc., Hawthorne, Calif. Aircraft. 2,412,647; Dec. 17.

Northrup, Harold B., Johnstown, N. Y. Garment. 2,393,258; Jan. 22.

Northrup, Harold B., Johnstown, N. Y. Garment. 2,393,259; Jan. 22.

Northway, Herbert S., Helsby, near Warrington, assignor to British Insulated Cables Limited, Prescott, Lancashire, England. Lacquer. 2,402,437; June 18.

Norton, Arthur J., Wells, Maine, assignor to Pennsylvania Coal Products Company, Petrolia, Pa. Production of laminated stock bonded with a dihydroxy benzene aldehyde resin. 2,398,388; Apr. 16.

Norton, Charles W., West Orange, N. J., assignor to Ralph C. Coxhead Corporation, New York, N. Y. Typewriter for justifying lines. 2,405,974; Aug. 20.

Norton, Chester H., Katonah, N. Y. Trundle basket. 2,409,786; Oct. 22.

Norton Company, assignee: *See*—
Belden, Albert G., Flygare, and Hill.
Carlson, Carl A.
Coes, Loring, Jr.
Flygare, Carl G.
Green, Clarence J.
Indge, Herbert S.
Kistler, Samuel S.
Silven, Herbert A.
Van der Pyl, Edward, and Upper.

Norton, Francis J., Schenectady, N. Y., assignor to General Electric Company. Production of water-repellent materials. 2,412,470; Dec. 10.

Norton, James F.: *See*—
Snyder, Jacob R., and Norton.

Norton, John R., West Hartford, Conn. Bearing. 2,404,084; July 16.

Norton, John S., Shoemaker, assignor of one-half to K. Spencer, San Francisco, Calif. Anchor. 2,402,202; June 18.

Norton, Joseph R., assignor to W. C. Norris, Manufacturer, Incorporated, Tulsa, Okla. Pumping mechanism. 2,404,524; July 23.

Norton, Lowell E., Princeton, N. J., assignor to Radio Corporation of America. Direction finder. 2,398,551; Apr. 16.

Norton, Lowell E., Princeton, N. J., assignor to Radio Corporation of America. Direction finder. 2,398,552; Apr. 16.

Norton, Lowell E., Collingswood, N. J., assignor to Radio Corporation of America. Automatic gain control. 2,406,433; Aug. 27.

Norton, Orlo C., Erie, Pa. Blower for handling desiccated material. 2,408,675; Oct. 1.

Norton, Robert L., Burlingame, assignor to Eitel-McCullough, Inc., San Bruno, Calif. Apparatus and method for making tubes. 2,403,745; July 9.

Norton, Samuel H.: *See*—
Kerwin, John M., and Norton.

Norton, Samuel H., Cleveland, Ohio, assignor to Thompson Products, Inc. Making hollow valves. 2,392,175; Jan. 1.

Norton, Samuel H., assignor to Thompson Products, Inc., Cleveland, Ohio. Valve seat insert assembly and assembly method and means. 2,406,963; Sept. 3.

Norton, Wendell P., Jr., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Machine for cutting variable-width grooves in cutter teeth. 2,394,469; Feb. 5.

Norton, William G., Memphis, Tenn. Gang rip saw. 2,399,822; May 7.

Norvig, Axel, Brooklyn, Conn. Garment for animals. 2,408,575; Oct. 1.

Norvig, Axel, Brooklyn, Conn., assignor to St. Regis Paper Company, New York, N. Y. Closure for valves of bags. 2,397,198; Mar. 26.

Norwalk Lock Company, assignee: *See*—
Greenberg, Henry, and O'Connell.

Norway, Harold L., Evanston, assignor to The Bastian Blessing Co., Chicago, Ill. Gas dispensing device. 2,400,569; May 21.

Norway, Harold L., Evanston, assignor to The Bastian Blessing Co., Chicago, Ill. Liquefied petroleum gas dispensing system. 2,400,570; May 21.

Norwine, Andrew C., Short Hills, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission control in two-way signaling systems. 2,392,496; Jan. 8.

Norwood, Stanley M., Great Neck, N. Y., assignor to Electro Metallurgical Company. Welding. 2,405,666; Aug. 13.

No-Sag Spring Company, assignee: *See*—
Krakauer, Abraham.
Mayer, Louis T.
Mouw, Andrew.

Noske, Rudolf, San Carlos, Calif. Optical sighting instrument. 2,400,252; May 14.

Notman, Clarence A., assignor of one-half to C. Bowles, Detroit, Mich. Fountain brush. 2,409,952; Oct. 22.

Notterman, George F., assignee, et al.: *See*—
Goza, Charles.

Novak, Izador J., Trumbull, Conn., assignor to Raybestos-Manhattan, Inc., Passaic, N. J. Compounding of buna S with blown oils. 2,402,909; June 25.

Novak, Izador J., Trumbull, Conn., and J. N. Kuzmick, assignors to Raybestos-Manhattan, Inc., Passaic, N. J. Plastic composition. 2,402,910; June 25.

Novak, Izador J., Trumbull, Conn., and J. N. Kuzmick, assignors to Raybestos-Manhattan, Inc., Passaic, N. J. Plastic composition. 2,402,911; June 25.

Novak, Robert L., Devon, Conn., assignor to General Electric Company. Remote-control system. 2,406,848; Sept. 3.

Novak, Stephen T., United States Army, Dayton, Ohio. Safety plug. 2,403,452; July 9.

Novelart Manufacturing Company, assignee: *See*—
Von Hartmann, Evelyn.

Novex Corporation, assignee: *See*—
Chambers, Worthy L.

Novi Equipment Company, assignee: *See*—
Welch, Harry W.

Novick, Abe, South Orange, assignor to Lewel Manufacturing Co. Inc., Newark, N. J. Brassière slip. 2,406,849; Sept. 3.

Novick, William, Brooklyn, N. Y. Soap holding brush. 2,408,676; Oct. 1.

Noviks, Bers, and C. A. Valo, assignors to Transradio Internacional Compañia Argentina De Telecomunicaciones, Sociedad Anonima, Buenos Aires, Argentina. Frequency variation response circuit. 2,393,400; Jan. 22.

Novotny, Emil E., North Wales, and G. K. Vogelsang, La Montt, assignors to Durite Plastics, Incorporated, Philadelphia, Pa. Distillation products of acylated shell liquids and making same. 2,401,095; May 28.

Novotny, Emil E., Prospectville, G. K. Vogelsang, La Mott, and E. E. Novotny, assignors to Durite Plastics, Incorporated, Philadelphia, Pa. Thermosetting polyvinyl compositions. 2,402,075; June 11.

Novotny, Ernest E.: *See*—
Novotny, Emil E., Vogelsang, and Novotny.

Novy, Frank E., Cleveland, Ohio. Power transmission device. 2,398,849; Apr. 23.

Novy, Loretta, St. Louis, Mo. Garment. 2,396,117; Mar. 5.

Novy, Loretta, assignor to Well-Kalter Manufacturing Company, St. Louis, Mo. Slip. 2,412,530; Dec. 10.

Nowak, Leon J., Jr.: *See*—
Williams, Ralph E., and Nowak.

Nowatius, Joseph, Elmhurst, assignor to Etched Products Corporation, Long Island City, N. Y. Apparatus for removing matter from surfaces of etched plates. 2,392,176; Jan. 1.

Nowlen, James P., Wilmington, Del., and M. F. Torrence, Woodstown, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Vulcanizing neoprene. 2,402,837; June 25.

Noxon, Paul A., Tenafly, assignor to Bendix Aviation Corporation, Bendix, N. J. Cabin pressure control. 2,396,116; Mar. 5.

Noxon, Paul A., Tenafly, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Compass system. 2,399,885; May 7.

Noyes, Harry A., Marlborough, Mass. Treating plant products. 2,395,498; Feb. 26.

Noyes, Hazelhurst R., Los Angeles, Calif. Propeller. 2,403,946; July 16.

Noyes, John, Jr., and M. L. Daggett, Jr., University City, Mo., assignors to Curtiss-Wright Corporation. Airplane control surface. 2,401,790; June 11.

Nubend Plywood Corporation, assignee: *See*—
Thommen, William H.

Nuckey, Percy, and R. J. Scott, London, England. Baths combined or associated with lavatory basins. 2,395,752; Feb. 26.

Nu Dell, Arthur A., Chicago, Ill. Plastic grater. 2,413,151; Dec. 24.

Nu Dell, Arthur A., Chicago, Ill. Toy house. 2,413,152; Dec. 24.

Nudenberg, Walter, Chicago, Ill., assignor to United States of America as represented by the Secretary of Agriculture. 3,6-epoxycyclohexene. 2,405,267; Aug. 6.

Nuffer, Joseph H., Toledo, Ohio, and L. H. Latta, Los Angeles, Calif., assignors to Air-Way Electric Appliance Corporation, Toledo, Ohio. Suction cleaner. 2,404,244; July 16.

Nugent, Frederick V., Abington, assignor to B. B. Chemical Co., Boston, Mass. Activating compositions. 2,402,975; July 2.

Nugent, Frederick V., Abington, assignor to B. B. Chemical Co., Boston, Mass. Adhesive activation. 2,405,602; Aug. 13.

Nundy, Richard, Penn. Wolverhampton, England. Machine for washing plates, dishes, and other articles used for meals. 2,395,009; Feb. 19.

Nunn, Elizabeth T., Cleveland, assignor of one-half to J. C. Corcoran, Rocky River, Ohio. Garment. 2,406,893; Sept. 3.

Nu Pocket Method Co., The, assignee: *See*—
Falk, Irving M.

Nusbaum, Mortimer, Akron, Ohio. Exercising and amusement device. 2,396,339; Mar. 12.

Nusign Electric Limited, assignee: *See*—
Starnes, James R.

NuTone, Incorporated, assignee: *See*—
Waltman, Chauncey E.

Nutt, Albert R., Lakewood, Ohio, assignor to Forest City Products, Inc., Cleveland, Ohio. Mounting and display cards. 2,403,746; July 9.

Nutt, Harold, assignor to Borg-Warner Corporation, Chicago, Ill. Friction clutch. 2,406,244; Aug. 20.

Nutt, Harold, assignor to Borg-Warner Corporation, Chicago, Ill. Clutch plate. 2,408,441; Oct. 1.

Nuttall, Dave E.: *See*—
Griffin, Ira L., Truax, and Nuttall.

Nuttall, Norman H.: *See*—
Griffin, Ira L., Truax, and Nuttall.

Nutting, Arthur, assignor to American Air Filter Company, Inc., Louisville, Ky. Dust arrester liquid level control. 2,403,545; July 9.

Nutting, Howard S., and L. H. Horsley, assignors to The Dow Chemical Company, Midland, Mich. Azeotropic distillation of aliphatic hydrocarbons having the formulas C_nH_{2n} and C_nH_{2n-2} from hydrocarbon mixtures comprising same. 2,408,947; Oct. 8.

Nutzel, William G.: *See*—
Sanford, Selden B., and Nutzel.

Nyberg, Curt E., Chicago, Ill., assignor to J. F. Barnes, as trustee. Container. 2,409,692; Oct. 22.

Nyberg, William, Duluth, Minn. Toilet seat. 2,392,544; Jan. 8.

Nydegger, Max, assignee: *See*—
Hayhurst, Thomas S.

Nyden, Robert, Manhasset, assignor to F. N. Burt Company, Inc., Buffalo, N. Y. Closure. 2,398,553; Apr. 16.

Nyden, Robert, Manhasset, assignor to F. N. Burt Company, Inc., Buffalo, N. Y. Closure. 2,398,554; Apr. 16.

Nye, James H.: *See*—
Labin, Emile, and Nye.

Nye, Norman H., assignor to The Vaughn Machinery Company, Cuyahoga Falls, Ohio. Loader for draw benches. 2,395,290; Feb. 19.

Nye, Norman H., assignor to The Vaughn Machinery Company, Cuyahoga Falls, Ohio. Dimension indicating and control device. 2,402,293; June 18.

Nye, Norman H., Cuyahoga Falls, and W. E. Rogers, Stow, assignors to The Vaughn Machinery Company, Cuyahoga Falls, Ohio. Wire reeling mechanism. 2,407,899; Sept. 17.

Nye Tool & Machine Works, The, assignee: *See*—
Matter, Albert J.

Nye, William M., assignor, by mesne assignments, to Kirsten Pipe Company, Seattle, Wash. Automatic steering of marine vessels. 2,401,771; June 11.

Nygaard, Christ, Alameda, Calif. Screw holding attachment for screw drivers. 2,399,138; Apr. 23.

Nygaard, Edwin M.: *See*—
Noland, Thomas T., and Nygaard.

Nygaard, Edwin M., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Preparation of nitrolic acids and pseudonitroles. 2,401,267; May 28.

Nygaard, Edwin M., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Production of nitrolic acids and pseudonitroles. 2,401,268; May 28.

Nygaard, Edwin M., J. H. McCracken, and N. H. Hamilton, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Diesel fuel. 2,392,611; Jan. 8.

Nygaard, Edwin M., and T. T. Noland, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Unsaturated dinitro compounds and preparation thereof. 2,396,282; Mar. 12.

Nygaard, Edwin M., Woodbury, N. J., and T. T. Noland, Richmond, Ky., assignors to Socony-Vacuum Oil Company, Incorporated. Preparation of nitrolic acids and pseudonitroles. 2,401,269; May 28.

Nygren, Carl, assignor to Mechiana Products Corporation, Michigan City, Ind. Stuffing box for water-cooled shafts. 2,413,645; Dec. 31.

Nygren, Joseph W., Naugatuck, Conn., assignor to United States Rubber Company, New York, N. Y. Carboy and assembling. 2,410,179; Oct. 29.

Nyhuis, Bert, Kankakee, assignor to Bear Brand Hosiery Co., Chicago, Ill. Knitting method and apparatus. 2,405,162; Aug. 6.

Nyhus, Theodore J., Crane Valley, Saskatchewan, Canada. Door locking device. 2,403,993; July 16.

Nyquist, Frederick W., St. Paul, Minn. Speed indicator. 2,399,448; Apr. 30.

Nysewander, Cecil W.: *See*—
Kruse, Willard E., Nysewander, and Bolt.
Sutton, Mack, and Nysewander.

Nysewander, Cecil W., Highland, and N. Fragen, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Isomerization of light naphtha. 2,395,680; Feb. 26.

Nystrom, Karl F., Nashotah, and V. L. Green, Milwaukee, Wis. Railroad car truck bolster. 2,392,292; Jan. 1.

Nystrom, Karl F., Nashotah, and V. L. Green, Milwaukee, Wis. Freight car door stop. 2,413,575; Dec. 31.

O. & F. Company Proprietary Limited, assignee: *See*—
Friedlander, Erwin F.

Oak Manufacturing Co., assignee: *See*—
Mastney, Edward J., and Williams.

Oakes, William, Hale, England. Fabric for concrete constructions. 2,406,559; Aug. 27.

Oakley, Eugene H.: *See*—
Fratia, Joseph E., and Oakley.

Oakley, John, assignor to Perkins Machine and Gear Company, Springfield, Mass. Operating mechanism. 2,395,789; Feb. 26.

Oakley, Sterling A., Lincolnwood, Ill., assignor, by mesne assignments, to Ex-Cell-O Corporation. Grinding apparatus. 2,411,052; Nov. 12.

Oaks, Harold H.: *See*—
Bradt, Wilber, and Oaks.

Obecny, John T., Los Angeles, Calif. Work holder. 2,400,314; May 14.

Obenshain, Noel, and W. M. Welton, Piedmont, W. Va., assignors to West Virginia Pulp and Paper Company, New York, N. Y. Sedimentation balance. 2,397,038; Mar. 19.

Oberdörffer, Manfred, Berlin W. 50, A. Bütenandt, Berlin-Dahlem, J. Schmidt-Thome, Berlin-Zehlendorf, and H. Maier-Hüser, Berlin N. 65, Germany, assignors to Schering Corporation, Bloomfield, N. J. Compounds of albumen and cholesterol. 2,392,058; Jan. 1.

Oberender, John L., assignor to Oles Envelope Corporation, Baltimore, Md. Envelope machine. 2,407,174; Sept. 3.

Obergfell, Amanda, executrix: *See*—
Obergfell, Herbert F.

Obergfell, Herbert F., deceased, by A. Obergfell, executrix, River Forest, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Desk telephone set. 2,398,850; Apr. 23.

Oberholtz, Anthony, Jr., Los Angeles, Calif. Abrasive reamer. 2,411,633; Nov. 26.

Oberly, Chester C., and P. E. Waugh, assignors to Tokheim Oil Tank and Pump Company, Fort Wayne, Ind. Electrically heated water trap for fuel dispensing devices. 2,411,742; Nov. 26.

Obermaier, John A., River Forest, Ill. Carrying case. 2,397,975; Apr. 9.

Obermaier, John A., River Forest, Ill. Securing and sealing means for meter box housings. 2,412,418; Dec. 10.

Obermaier, John A., River Forest, Ill. Frictional holding means. 2,413,414; Dec. 31.

Oberstadt, Peter B., Wickliffe, Ohio. Nonrefillable bottle. 2,398,663; Apr. 16.

Obert, Cloyd J.: *See*—
Clark, Joseph L., Linden, and Obert.

Oblad, Alex G.: *See*—
Boedeker, Edward R., and Oblad.
Gorin, Everett, and Oblad.

O'Brien, Denis F., East Orange, N. J.; H. F. O'Brien, executor of said D. F. O'Brien, deceased. Valve inserting mechanism. 2,396,964; Mar. 19.

O'Brien, Edgar, assignor, by mesne assignments, to Belmont Radio Corporation, Chicago, Ill. Combined capacitive and inductive tuning unit. 2,398,112; Apr. 9.

O'Brien, Frank J., Pelham, assignor to Continental Can Company, Inc., New York, N. Y. Closure for paper containers. 2,406,894; Sept. 3.

O'Brien, Frank J., Pelham, assignor to Continental Can Company, Inc., New York, N. Y. Threaded closure for paper containers. 2,412,004; Dec. 3.

O'Brien, Frank J., Pelham Manor, assignor to Continental Can Company, Inc., New York, N. Y. Lock top container. 2,413,646; Dec. 31.

O'Brien, Frederic L., Rutherford, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Facsimile signal inverter. 2,397,559; Apr. 2.

O'Brien, Hubert F., executor: *See*—
O'Brien, Denis F.

O'Brien, James A., Kansas City, Kans. Bubble tower unit. 2,398,953; Apr. 23.

O'Brien, John C., assignor to General Railway Signal Company, Rochester, N. Y. Radio communication system. 2,407,846; Sept. 17.

O'Brien, Joseph F.: *See*—
Keith, Claude D., and O'Brien, and Madsen.

O'Brien, Joseph F., Jersey City, N. J., assignor to John B. Pierce Foundation, New York, N. Y. Locking device for electrical connectors. 2,406,030; Aug. 20.

O'Brien, Joseph F., Jersey City, N. J., assignor to John B. Pierce Foundation, New York, N. Y. Electricity conductor unit. 2,408,442; Oct. 1.

O'Brien, Joseph F., Jersey City, N. J., assignor to John B. Pierce Foundation, New York, N. Y. Adapter unit for electric wiring systems. 2,408,443; Oct. 1.

O'Brien, Joseph F., Jersey City, N. J., assignor to John B. Pierce Foundation, New York, N. Y. Electricity conductor unit. 2,413,032; Dec. 24.

O'Brien, Peter T., Salem, Mass. Game. 2,413,369; Dec. 31.

O'Brien, Robert B., Atlanta, Ga. Detachable crotch. 2,396,509; Mar. 12.

O'Brien, William J., Syracuse, N. Y. Water heater. 2,410,994; Nov. 12.

O'Brien, William J., Los Angeles, Calif., assignor to The Decca Record Company Limited, London, England. Compensating circuit. 2,404,809; July 30.

O'Brien, William J., Los Angeles, Calif., assignor to The Decca Record Company, Limited, London, England Receiving apparatus for radio beacon systems. 2,404,810; July 30.

O'Brien, William J., Los Angeles, Calif., assignor to The Decca Record Company, Limited, London, England. Equisignal radio beacon system. 2,406,396; Aug. 27.

O'Brien, William J., assignor to The Decca Record Company, Limited, London, England. Method and apparatus for receiving radio signals. 2,407,323; Sept. 10.

O'Brien, William J., assignor to The Decca Record Company, Limited, London, England. Equisignal radio beacon system. 2,407,324; Sept. 10.

O'Brochta, John, and H. Rodman, Jr., Pittsburgh, Pa., assignors, by mesne assignments, to Koppers Company, Inc. Separating carbazole from crudes thereof. 2,407,677; Sept. 17.

Obszarny, Theodore, Chicago, Ill., assignor to Guardian Electric Manufacturing Co. Snap-action switch. 2,402,838; June 25.

Ocean City Manufacturing Company, assignee: *See*— Kay, Paul.

Oceanic Tank Processing Corp., assignee: *See*— Sorrentino, Thomas.

O-Cedar Corp'n, assignee: *See*— Dupuy, Charles F. J.

Och, Henry G., West Englewood, and K. D. Swartzel, Jr., Teaneck, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical differentiator. 2,412,227; Dec. 10.

Ochsenbein, Walter, assignor to Hasler A. G. Werke für Telephonie und Präzisionsmechanik, Bern, Switzerland. Ignition apparatus for internal-combustion engines 2,412,690; Dec. 17.

Ochsner, Arnold G., Danielson, Conn. Pantograph device. 2,402,438; June 18.

Ockfen, John, Spanaway, Wash. Log Barker. 2,401,500; June 4.

Ockrant, William, assignee: *See*— Suter, Henry.

Ocon, Cecilio L., and E. A. Ocon, Yonkers, N. Y.; said Cecilio L. Ocon assignor to said Ernest A. Ocon. Catalytic hydrocarbon reforming process. 2,408,948; Oct. 8.

Ocon, Ernest A.: *See*— Ocon, Cecilio L., and E. A.

O'Connell, John J.: *See*— Greenberg, Henry, and O'Connell.

O'Connell, Robert J., Succasunna, and I. Cohen, Elizabeth, N. J., and C. Rosenblum, Brooklyn, N. Y. Testing the airtightness of closed containers. 2,401,368; June 4.

O'Connor, Arthur F., Chicago, Ill., assignor to Union Asbestos & Rubber Company. Roof construction. 2,393,401; Jan. 22.

O'Connor, Arthur F., Chicago, Ill., assignor to Union Asbestos & Rubber Company. Car roof structure. 2,412,283; Dec. 10.

O'Connor, Bernard E.: *See*— Magrum, Gervase M., and O'Connor.

O'Connor, Conor T., Trinidad, British West Indies. Packing material. 2,397,618; Apr. 2.

O'Connor, Daniel J., Jr.: *See*— Kroeger, John W., and O'Connor.

O'Connor, Harry F.: *See*— Kroeger, John W., and O'Connor.

O'Connor, Patrick J., New York, N. Y. Constructing walls. 2,404,396; July 23.

Oday, Arthur B., Cleveland Heights, Ohio, assignor to General Electric Company. Lamp base and socket. 2,403,114; July 2.

O'Day, Cortland N., Long Island City, assignor to Air Devices, Inc., New York, N. Y. Ventilator. 2,396,746; Mar. 19.

Odell, Arthur D.: *See*— Butler, Gordon C., Lozinski, and Odell.

Odell, William W.: *See*— Engelke, Ernest F., and Odell.

Odell, William W., El Dorado, Ark., assignor to Lion Oil Company. Process and apparatus for promoting thermal reactions. 2,398,954; Apr. 23.

Odell, William W., El Dorado, Ark., assignor to Lion Oil Company. Treating hydrocarbons. 2,412,096; Dec. 3.

Odevseff, Alec S., assignor to Beech Aircraft Corporation, Wichita, Kans. Clutch. 2,399,886; May 7.

Odin Corporation, assignee: *See*— Svenson, Ernest J.

Odlum, William H., Wilmette, and K. A. Paine, Park Ridge, assignors to Duro Metal Products Company, Chicago, Ill. Ratchet mechanism. 2,395,681; Feb. 26.

O'Donnell, John R., Brooklyn, assignor to Econo Safety Devices Inc., Maspeth, N. Y. Hinged clamp. 2,402,570; June 25.

O'Dowd, Henry W., Jersey City, N. J., assignor to Standard Gas Equipment Corporation. Liquid heating apparatus. 2,400,653; May 21.

Odquist, Harold T., Yonkers, assignor to American Can Company, New York, N. Y. Apparatus for welding seams. 2,394,004; Feb. 5.

O'Dwyer, Daniel M., London, England. Torpedo defense and the like. 2,395,422; Feb. 26.

Oebbecke, Bernard F., Pittsburgh, Pa. Thermostatic switch plug. 2,407,764; Sept. 17.

Oehler, Alvin W., assignor to Deere & Company, Moline, Ill. Windrower. 2,398,389; Apr. 16.

Oehler, Alvin W., and E. J. Johnson, assignors to Deere & Company, Moline, Ill. Adjustable V-belt sheave. 2,401,178; May 28.

Oehler, Alvin W., and E. J. Johnson, assignors to Deere & Company, Moline, Ill. Harvester reel. 2,406,706; Aug. 27.

Oetzel, John G., assignor to Warner Electric Brake Manufacturing Company, Beloit, Wis. Method of and mechanism for braking heavy-duty automotive vehicles. 2,395,904; Mar. 5.

Oetzel, John G., assignor to Warner Electric Brake Manufacturing Company, Beloit, Wis. Electromagnetic friction device. 2,395,905; Mar. 5.

Oetzel, John G., Beloit, Wis., assignor to Warner Electric Brake Manufacturing Company, South Beloit, Ill. Pressure actuated brake mechanism. 2,404,397; July 23.

Oetzel, John G., Beloit, Wis., assignor to Warner Electric Brake Manufacturing Company, South Beloit, Ill. Circuit controller. 2,407,509; Sept. 10.

Oetzel, John G., Beloit, Wis., assignor to Warner Electric Brake Manufacturing Company, South Beloit, Ill. Brake control. 2,407,510; Sept. 10.

Oetzel, John G., Beloit, Wis., assignor to Warner Electric Brake Manufacturing Company, South Beloit, Ill. Apparatus for regulating vehicle speed. 2,412,228; Dec. 10.

O'Farrell, Frank J., Burbank, Calif. Signal lamp. 2,411,935; Dec. 3.

O'Farrell, Matthew, Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Tool retainer. 2,400,206; May 14.

O'Farrell, Matthew, Detroit, Mich., and A. J. St. Louis, Windsor, Ontario, Canada., assignors to Chicago Pneumatic Tool Company, New York, N. Y. Demolition tool handle. 2,400,207; May 14.

Oganowski, Kasimir, Franklin, assignor to The American Rolling Mill Company, Middletown, Ohio. Treatment means and method for hot coated strip. 2,398,034; Apr. 9.

Oganowski, Kasimir, Franklin, N. W. Parks, Lemon Township, Butler County, and K. G. Coburn, assignors to The American Rolling Mill Company, Middletown, Ohio. Coating ferrous metals with aluminum. 2,406,245; Aug. 20.

Ogard, Helmer, assignor to Armstrong-Bray & Co., Chicago, Ill. V-belt construction. 2,403,607; July 9.

Ogden, Arthur N.: *See*— Cross, Robert P., Jr., Dillinger, and Ogden.

Ogden, Harold S., Erie, Pa., assignor to General Electric Company. Antislippage system for plural traction motors. 2,413,190; Dec. 24.

Ogden, Hubert S., Los Angeles, Calif. Valve. 2,406,246; Aug. 20.

Ogden, Jack, Huntington Woods, assignor to General Motors Corporation, Detroit, Mich. Timing device. 2,409,888; Oct. 22.

Ogden, Jack, Huntington Woods, assignor to General Motors Corporation, Detroit, Mich. Timing device. 2,409,889; Oct. 22.

Ogden, Paul L., New York, N. Y. Billfold, pocket secretary, and the like. 2,397,366; Mar. 26.

Oglesby, Nicholas E., assignor to Behr-Manning Corporation, Troy, N. Y. Manufacture of abrasives. 2,403,018; July 2.

Oglesby, Thomas W., Peru, Ind. Airplane. 2,406,625; Aug. 27.

O'Gorman, William F., New York, N. Y. Flat bed duplicator. 2,393,402; Jan. 22.

O'Gorman, William F., New York, N. Y., assignor of one-half to Daniel N. Garrett, Middletown, N. J. Microfilm reader. 2,403,747; July 9.

Ogorzaly, Henry J., Baton Rouge, La., assignor to Standard Oil Development Company. Recovering catalyst material. 2,393,554; Jan. 22.

Ogorzaly, Henry J., Baton Rouge, La., assignor to Standard Oil Development Company. Producing magnesium. 2,393,704; Jan. 29.

O'Grady, Frederick T., Flushing, N. Y. Apparatus for producing balanced color reproductions of off-balance color recordings. 2,402,660; June 25.

Ogren, Arthur, Hillsdale, N. Y. Sublimating apparatus. 2,397,686; Apr. 2.

Ogukuos Metalix Corporation, assignee: *See*— Garretson, Harry D.

Ogurkowski, Georges, Zug, Switzerland, assignor to Landis & Gyr A. G. System of mixing signal and power frequencies. 2,398,390; Apr. 16.

Ogurkowski, Georges, Zug, Schonbuhl, Switzerland, assignor to Landis & Gyr, A. G. Constant speed motor system. 2,405,708; Aug. 13.

O'Hara, Stephen J., Oakland, Calif. Filing system. 2,399,376; Apr. 30.

O'Hearn, George E., Gardner, Mass. Saddle seat or the like. 2,397,286; Mar. 26.

Ohio Aircraft Fixture Co., The, assignee: *See*— Matthews, Percy W.

Ohio Brass Company, The, assignee: *See*— Lewis, Warren J. Lewis, Warren J., and Sanford.

Ohio Crankshaft Company, The, assignee: *See*— Denneen, Francis S., and Dunn.

Ohio Ferro-Alloys Corporation, assignee: *See*— Vance, Calbert L.

Ohio Injector Company, The, assignee: *See*— Doster, Howard G., Hanlon, and Farnsworth.

Ohio Oil Company, The, assignee: *See*— Culmer, Thaddeus W.

Ohio State University Research Foundation, The, assignee: *See*— Gaver, Kenneth M.

Ohio Steel Foundry Company, The, assignee: *See*— Colton, Merritt Q.

Ohl, Russell S., Little Silver, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Alternating current rectifier. 2,402,661; June 25.

Ohl, Russell S., Little Silver, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Light-sensitive electric device. 2,402,662; June 25.

Ohl, Russell S., Little Silver, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical translating device utilizing silicon. 2,402,839; June 25.

Ohl, Russell S., Red Bank, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Thermoelectric device. 2,402,663; June 25.

Ohl, Russell S., Red Bank, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Thermoelectric system. 2,407,678; Sept. 17.

Ohlemeyer, Walter F., El Paso, Tex. Leather pistol holster. 2,396,118; Mar. 5.

Ohlsen, Violet E., Washington, D. C. Handbag. 2,413,465; Dec. 31.

Ohlsson, Ernst: *See*— Isermann, Samuel, and Ohlsson.

Oil Devices, assignee: *See*— Breese, James L. Breese, James L., and Hayter. Hayter, Bruce, and Perry.

Oilgear Company, The, assignee: *See*— Ferris, Walter. Ferris, Walter, and Grad. Grad, Adolf R. Hayter, Bruce. Krainer, Edgar H. Tyler, Ransom. Wiedmann, Ernst.

Oil Well Supply Company, assignee: *See*— Bannister, Bryant. Bennett, Daniel A., and Maier. Maier, August R.

Ojutkangas, Tauno O., Los Angeles, Calif. Clutching mechanism. 2,398,716; Apr. 16.

O'Keefe, Daniel J.: *See*— Rines, Albert H., Hardy, and O'Keefe.

O'Kelly, Arlie A.: *See*— Brooks, John W., O'Kelly, and Work. Horton, Aaron W., Brooks, and O'Kelly. Kellett, John, III, Marisic, and O'Kelly. Sachanen, Alexander N., O'Kelly, and Myers.

O'Kelly, Arlie A., Woodbury, J. Plucker, III, Pitman, N. J., and R. H. Work, Philadelphia, Pa., assignors to Socony-Vacuum Oil Company, Incorporated. Catalytic alkylation process. 2,407,033; Sept. 3.

Okeson, Harry W., Detroit Lakes, Minn. Saw rig. 2,400,595; May 21.

Okonite-Callender Cable Company, Incorporated, The, assignee: *See*— Beede, Harry L. Bennett, Charles E. Gooding, Francis H. Gooding, Francis H., and Levinson. Gooding, Francis H., and Sipp. Jones, Frank C. Levinson, Benjamin.

Okonite Company, The, assignee: *See*— Bennett, Charles E. Brown, Grover W.

Okress, Ernest C.: *See*— Clifford, David G., and Okress.

Okress, Ernest C., Montclair, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electrical power absorber. 2,400,777; May 21.

Okress, Ernest C., Montclair, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electron discharge device. 2,409,693; Oct. 22.

Okress, Ernest C., Montclair, and P. Kusch, Bloomfield, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Coaxial line. 2,404,085; July 16.

Okress, Ernest C., Montclair, D. E. Nelson, East Orange, and R. C. Retherford, Newark, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Coupling device. 2,404,086; July 16.

Olah, George, assignor to Precision Developments Company Limited, London, England. Electric follow-up switch. 2,400,018; May 7.

Olah, George, assignor to Precision Developments Company Limited, London, England. Synchronous remote control. 2,401,501; June 4.

Olander, Roland J.: *See*— Dath, George E., and Olander.

Olander, Roland J., assignor to W. H. Miner, Inc., Chicago, Ill. Shock absorbing mechanism. 2,395,972; Mar. 5.

Olander, Roland J., assignor to W. H. Miner, Inc., Chicago, Ill. Shock absorber. 2,402,571; June 25.

O'Larte, Rudolph, Rego Park, N. Y., and K. Speck, Palisade Park, N. J., assignors to Jacques Kriesler Manufacturing Corporation, North Bergen, N. J., a corporation of New Jersey. Cathode assembly. 2,393,057; Jan. 15.

O'Laughlin, Patrick M., Coraopolis, assignor to Dravo Corporation, Pittsburgh, Pa. Launching method and equipment. 2,395,423; Feb. 26.

Oldbury Electro-Chemical Co., assignee: See— Pernert, John C.

Oldfield, John C., Yakima, Wash. Watering device. 2,413,647; Dec. 31.

Oldham, Samuel R.: *See*— Hoffman, James A., Oldham, and Jacobsson. Jacobsson, Wilgot J., Hoffman, and Oldham.

Olds, Ambrose D., assignor to The Coleman Lamp and Stove Company, Wichita, Kans. Heating unit. 2,401,502; June 4.

O'Leary, Daniel K.: *See*— Gribbins, Myers F., Miller, and O'Leary.

O'Leary, Daniel K., Mendenhall, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilization of fats and oils. 2,397,976; Apr. 9.

Oleisky, Isadore, Chicago, Ill. Posture correcting device. 2,395,936; Mar. 5.

Oles Envelope Corporation, assignee: *See*— Oberender, John L.

Olesen, Raymond C., Altadena, assignor to Consolidated Engineering Corporation, Pasadena, Calif. Mass spectrometry. 2,397,560; Apr. 2.

Olesen, Raymond C., Altadena, assignor to Consolidated Engineering Corporation, Pasadena, Calif. Electrical measurement. 2,400,571; May 21.

Olesen, Raymond C., Altadena, assignor to Consolidated Engineering Corporation, Pasadena, Calif. Electrical regulating system. 2,408,091; Sept. 24.

Olevin, Adolph, Brooklyn, N. Y. Electrical conduit fitting. 2,392,940; Jan. 15.

Olin, Bruff W., Highland, N. Y. Piston. 2,404,651; July 23.

Olin Industries, Inc., assignee: *See*— Calhoun, James C., Davidson, and Hansen. Crockett, Harry L. Foster, Harry C. Franz, Arvel O., and Juel. Garfield, Frederick M., and Dreher. Herzog, Milton L. Williams, David M. Wilson, Golder P.

Olin, John F.: *See*— Hunt, Charles K., Olin, and Brandt. Morton, Paul D., and Olin.

Olin, John F., Grosse Ile, Mich., assignor to Sharples Chemicals Inc., Philadelphia, Pa. Manufacture of 2,6, di-halo phenols. 2,403,748; July 9.

Olin, John F., Grosse Ile, Mich., assignor to Sharples Chemicals Inc., Philadelphia, Pa. Purification of amine reaction mixtures. 2,411,802; Nov. 26.

Olin, Robert R., Akron, and H. I. Cramer, Cuyahoga Falls, Ohio. Vulcanization of rubber-like materials. 2,398,154; Apr. 9.

Oliver, Charles C., assignor of one-half to A. C. Johnson New Orleans, La. Steering column. 2,409,062; Oct. 8

Oliver, Curtis S.: *See*— Wright, James G. E., and Oliver.

Oliver, Delbert S., Euclid, assignor to Pesco Products Co., Cleveland, Ohio. Lapping method and machine. 2,408,334; Sept. 24.

Oliver, Delbert S., Euclid, and J. Kanuch, Cleveland, Ohio, assignors to Pesco Products Co. Torque wrench. 2,408,335; Sept. 24.

Oliver, Edwin L., Piedmont, P. J. McGuire, San Francisco, J. E. Slaughter, Santa Cruz, and A. W. Vettel, Watsonville; said Oliver and said McGuire assignors to Oliver United Filters Incorporated, Oakland, said Slaughter and said Vettel assignors to The Permante Metals Corporation, Oakland, Calif. Continuous filter. 2,395,499; Feb. 26.

Oliver Iron Mining Company, assignee: *See*— Kranz, Walter M., and Murray.

Oliver Iron and Steel Corporation, assignee: *See*— Lyon, Bruce K.

Oliver, John R., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Welt cementing and applying machine. 2,392,941; Jan. 15.

Oliver, John R., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Sewing and roughening machine. 2,397,619; Apr. 2.

Oliver United Filters Incorporated, assignee: *See*— Herbert, Elmer H. Oliver, Edwin L., McGuire, Slaughter, and Vettel.

Oliver, Walter E., Quincy, assignor to American Register Company, Boston, Mass. Bar for carbon carriers. 2,393,555; Jan. 22.

Olken, Hyman, Washington, D. C. Space discharge device. 2,402,664; June 25.

Olken, Hyman, Washington, D. C. Follow-up control system. 2,411,750; Nov. 26.

Oller, Isaac M., Leitchfield, Ky. Brush holder and drip catcher. 2,399,056; Apr. 23.

Oley, Raymond H., Syracuse, N. Y., assignor to Crouse-Hinds Company. Combination sealing and drain fitting for conduit lines. 2,402,840; June 25.
Olmore, Duane C., Los Angeles, assignor to North American Aviation, Inc., Inglewood, Calif. Ordnance mount. 2,397,687; Apr. 2.
Olmsted, Hazel B., administratrix: *See*—
Olmsted, Russell C., and Harris.
Olmsted, Russell C., Harrington Park, N. J., and A. H. Harris, New Britain, Conn., H. B. Olmsted, administratrix of said R. C. Olmsted, deceased, assignor to said Harris. Expansion joint for concrete roadway. 2,410,099; Oct. 29.
O'Loughlin, James C., incompetent, by M. F. O'Loughlin, guardian, Redwood City, Calif. Caliper. 2,394,328; Feb. 5.
O'Loughlin, Marion F., guardian: *See*—
O'Loughlin, James C.
O'Loughlin, Walter K., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Catalytic hydrogenation of aliphatic nitrohydroxy compounds. 2,413,153; Dec. 24.
Olpin, Henry C., E. Stanley, and C. S. Argyle, Spondon, near Derby, England, assignors to British Celanese Limited, London, England. Production of colored textile and other materials. 2,393,652; Jan. 29.
Olpin, Henry C., and S. A. Gibson, Spondon, near Derby, assignors to British Celanese Limited, London, England. Inhibition of acid fading on cellulose acetate with melamine resin. 2,403,019; July 2.
Olsen, Anders C., Forest Hills, N. Y. Fastening device. 2,404,245; July 16.
Olsen, Arthur A., Pittsfield, Mass., assignor to General Electric Company. Protective holder for electric discharge devices. 2,399,502; Apr. 30.
Olsen, Harry O., New York, N. Y. Die stock. 2,395,753; Feb. 26.
Olsen, Joseph O., assignor to Barnes Drill Co., Rockford, Ill. Method and apparatus for honing. 2,403,546; July 9.
Olsen, Olaf L., Petersburg, Alaska. Flue cap. 2,396,876; Mar. 19.
Olsen, Thorsten Y., assignee: *See*—
Sundby, Harold C.
Olsen, Tinius, Testing Machine Company, assignee: *See*—
Silvertsen, Jens.
Olson, Alf P., Idaho Falls, Idaho. Engine block water heater. 2,400,838; May 21.
Olson, Andrew R.: *See*—
Garretson, Owen L., St. Clair, and Olson.
St. Clair, Theodore A., Sievers, and Olson.
Olson, Arthur A., Youngstown, Ohio. Air heating furnace. 2,399,690; May 7.
Olson, Arthur A., Youngstown, Ohio. Direct fired unit heater. 2,404,592; July 23.
Olson, August, Palatine, Ill. Concrete form tie and spacer. 2,413,415; Dec. 31.
Olson, David C., Riverdale, Md., assignor to Air-Track Manufacturing Corporation, College Park, Md. Scriber attachment. 2,398,323; Apr. 9.
Olson, Edwin A., Los Angeles, Calif. Venetian blind. 2,410,549; Nov. 5.
Olson, Edwin N., Schenectady, N. Y., assignor to General Electric Company. Brush rigging. 2,404,246; July 16.
Olson, Elmer, Ferndale, Mich., assignor to G. M. and E. Holley. Heat control. 2,407,095; Sept. 3.
Olson, Elmer, Ferndale, and M. J. Kittler, Detroit, Mich., assignors to G. M. and E. Holley. Governor. 2,393,556; Jan. 22.
Olson, George E., Chicago, Ill. Filter. 2,399,887; May 7.
Olson, Harry F., and F. Hester, Haddon Heights, N. J., assignors to Radio Corporation of America. Electrical control system. 2,401,955; June 11.
Olson, John W., Hastings-on-Hudson, assignor to Anaconda Wire and Cable Company, New York, N. Y. Machine for impregnating electric insulation. 2,410,126; Oct. 29.
Olson, John W., Hastings-on-Hudson, N. Y., and C. W. Bechle, Sycamore, Ill., assignors to Anaconda Wire and Cable Company, New York, N. Y. Machine for impregnating electric insulation. 2,410,127; Oct. 29.
Olson, Kenneth W., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Air-speed responsive device. 2,412,471; Dec. 10.
Olson, Nils G.: *See*—
Musgrave, Howard G., and Olson.
Olson, Obie E., Sandwich, Ill. Automotive gas tank cover switch. 2,407,439; Sept. 10.
Olson, Raymond G., Chevy Chase, Md. Electric connector. 2,406,895; Sept. 3.
Olson, Raymond G., Jr., Chevy Chase, Md. Sheet metal lock nut. 2,410,995; Nov. 12.
Olson, Robert V., Attleboro, Mass., assignor to Mossberg Pressed Steel Corporation. Spool. 2,392,612; Jan. 8.
Olson, Robert W.: *See*—
Shook, Earley M., and Olson.
Olson, Roy H., Marion, Iowa, assignor to Collins Radio Company. Frequency multiplier. 2,411,166; Nov. 19.
Olson, Samuel, Chicago, Ill. Backwater valve. 2,409,582; Oct. 15.
Olson, Theodore A., Pompton Plains, and J. Klopak, Newark, N. J., assignors to General Motors Corporation, Detroit, Mich. Inspection of articles, especially anti-friction bearing parts. 2,393,705; Jan. 29.
Olson, Victor J., Spokane, Wash. Scraper. 2,402,976; July 2.
Olson, Walter A.: *See*—
Brenner, Abner, and Olson.
Olson, William, New York, N. Y. Fastener driving device. 2,401,840; June 11.
Olsson, Olov J. E., assignor to Storm Manufacturing Company, Inc., Minneapolis, Minn. Stop mechanism. 2,405,709; Aug. 13.
Olving, Bror G., assignor to McGraw Electric Company, Elgin, Ill. Electric sadiron. 2,403,115; July 2.
Oman, Carl, Cedar Grove, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Metering system. 2,394,096; Feb. 5.
Omega Machine Company, assignee: *See*—
Harper, Lyndus E.
Omes Limited, assignee: *See*—
Gaspar, Emeric.
O'Neal, Grady M., Chicago, Ill., assignor to The Sherwin-Williams Company, Cleveland, Ohio. Manufacture of copper phthalocyanine dyestuffs. 2,410,301; Oct. 29.
O'Neal, Owen L., Danville, and V. L. Miller, Milford, Ill. Coat hanger. 2,392,257; Jan. 1.
O'Neal, Wilburn W., and R. D. Williams, Memphis, Tenn. Dehydrator. 2,409,787; Oct. 22.
O'Neal, William B., Ellicott City, assignor to The Glenn L. Martin Company, Middle River, Md. Fuel tank vent. 2,403,749; July 9.
Oneida, Ltd., assignee: *See*—
Bloom, Richard A.
O'Neil, James H., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Stationary scraper on solder roll. 2,406,159; Aug. 20.
O'Neil, James H., assignor to Continental Can Company, Inc., Syracuse, N. Y. Vacuumized can closure. 2,412,169; Dec. 3.
O'Neil, John G., Faribault, and L. G. Zesbaugh, Minneapolis, assignors, by mesne assignments, to Carl Weinhagen, Jr., St. Paul, Minn. Making containers. 2,395,754; Feb. 26.
O'Neil, Roy J., Aurora, Ill. Pipe tapping device. 2,392,059; Jan. 1.
O'Neil, Thomas, assignor to Gemmer Manufacturing Company, Detroit, Mich. Safety live line electrical connector. 2,396,119; Mar. 5.
O'Neil, Thomas M., Jr.: *See*—
Gibbons, Edward J., and O'Neil.
O'Neil, Walter G., Oakland, Calif. Divan hardware. 2,395,424; Feb. 26.
O'Neill, Edward M., assignor to Union Machine Company, San Francisco, Calif. Liquid level indicator. 2,399,291; Apr. 30.
O'Neill, Joseph J., Chester, Pa., assignor to Sinclair Refining Company, New York, N. Y. Resin production. 2,392,497; Jan. 8.
Onksen, George W., Jr.: *See*—
Paige, Robert N., Onksen, and Goris.
Ontario Paper Company Limited, The, assignee: *See*—
Godwin, Gordon.
Onyx Oil & Chemical Company, assignee: *See*—
Geltner, Daniel.
Kaplan, Saul.
Opalek, Charles, Brooklyn, N. Y. Outdoor switch box. 2,410,519; Nov. 5.
Opheim, Norris B.: *See*—
Pigott, Jack, and Opheim.
Opryshek, Karl and J. N. Chatfield, Baytown, Tex., assignors to Standard Oil Development Company. Alkylation process. 2,400,367; May 14.
O'Quinn, Wilbur D., Wilmington, N. C. Ventilating attachment for welders' helmets. 2,409,641; Oct. 22.
Orchard, Carl S., Janesville, Calif. Portable cabinet-table. 2,411,332; Nov. 19.
Orchard, Paul W., Jr.: *See*—
Moulin, Albert E., Jr., and Orchard.
Orcutt, Arthur H., assignor to The Gear Grinding Company Limited, Shirley, near Birmingham, England. Machine for grinding the teeth of gear wheels. 2,411,456; Nov. 19.
Orcutt, Arthur H., assignor to The Gear Grinding Company Limited, Shirley, near Birmingham, England. Controlling means for fluid operated machine tools. 2,412,284; Dec. 10.
Orefraction Incorporated, assignee: *See*—
Horsfield, Basil.
Wiegand, Edwin L.
O'Reilly, Joe, Tacoma, Wash., assignor to Welding Service Sales, Inc., San Francisco, Calif. Welder's helmet. 2,411,224; Nov. 19.
Orelind, John R: *See*—
Johnson, Arnold E. W., and Orelind.
Oreman, Theodore, St. Louis, Mo. Convertible midriff dress. 2,405,368; Aug. 6.
Orlo, Frank, Long Branch, N. J. Lapping machine. 2,404,811; July 30.
Orkin, Samuel, Los Angeles, Calif. Toy airplane. 2,398,391; Apr. 16.

Orland, Louis, Los Angeles, Calif. Machine for shredding, grating, and/or slicing foodstuffs. 2,411,333; Nov. 19.
Orlich, Peter, G. Negel, and H. Hartz, Kiel, Germany; vested in the Alien Property Custodian. Echo sounding device. 2,407,175; Sept. 3.
Orlin, Morris D., Cleveland, Ohio. Window. 2,394,870; Feb. 12.
Orman, William R., Los Angeles, assignor to Northrop Aircraft, Inc., Hawthorne, Calif. Extinguishing agent. 2,393,477; Jan. 22.
Ormsby, Donald D., assignor to Clark Equipment Company, Buchanan, Mich. Vehicle. 2,396,803; Mar. 19.
Ormsby, Donald D., assignor to Clark Equipment Company, Buchanan, Mich. Vehicle. 2,396,804; Mar. 19.
Ormsby, Lester W., assignor to The Parker Pen Company, Janesville, Wis. Fountain pen cap construction. 2,392,942; Jan. 15.
Orner, Harry, assignor to M. M. Cohen, Cleveland Heights, Ohio. Hair extracting device. 2,413,576; Dec. 31.
Ornsteen, Miriam L., New Rochelle, N. Y. Money holders. 2,411,053; Nov. 12.
Ornstein, Georg, New York, N. Y. Apparatus for applying treating mediums. 2,401,012; May 28.
Orosz, John, assignee, et al.: *See*—
Tarapczynski, Sigmund.
Orr, Donald J., Arnolds Park Iowa. Variable delivery and reversing pump. 2,406,964; Sept. 3.
Orr, Donald J., Arnolds Park, Iowa. Variable delivery fluid handling device. 2,406,965; Sept. 3.
Orr, John L.: *See*—
Griffith, Thomas R., and Orr.
Orr, Palmer, Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Synchronizer coupling. Re. 22,731; Mar. 5.
Orr, Palmer, Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Transmission. 2,397,620; Apr. 2.
Orr, Palmer, Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Coupling device and control means therefor. 2,401,179; May 28.
Orr, Palmer, Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Transmission. 2,408,336; Sept. 24.
Orr, Robert St. J., assignee: *See*—
Funke, Fred W.
Orr, Willis P., Houston, Tex., assignor to Standard Oil Development Company. Apparatus for cleaning wells. 2,397,199; Mar. 26.
Orrmell, Ernst A. I., Kramfors, assignor to Svenska Cellulosa Aktiebolaget, Stockholm, Sweden. Method of separating fibrous boards from their supporting members. 2,394,256; Feb. 5.
Orser, William D.: *See*—
Kingslake, Rudolf, and Orser.
Orsey, Horace G., Perrysburg, and J. P. Crowley, assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Producing ophthalmic lenses. 2,394,934; Feb. 12.
Orshansky, Elias, Jr., Cleveland Heights, assignor to The Acrotorque Company, Cleveland, Ohio. Vehicle drive control mechanism. 2,393,557; Jan. 22.
Orshansky, Elias, Jr., Darien, Conn., assignor to The Acrotorque Company, Cleveland, Ohio. Pressure apparatus. 2,393,558; Jan. 22.
Orzel, Francis J., Flushing, N. Y. Spark plug and mounting therefor. 2,397,367; Mar. 26.
Osbon, William O.: *See*—
Hanna, Clinton R., and Osbon.
Osborn, Alden E., ount Vernon, N. Y. Internal-combustion engine. 2,392,060; Jan. 1.
Osborn, Alden E., Mount Vernon, N. Y. Airplane control mechanism. 2,413,577; Dec. 31.
Osborn, Charles L., Cheyenne, Wyo. Game and toy. 2,394,802; Feb. 12.
Osborn Manufacturing Company, The, assignee: *See*—
Peterson, Ruben O.
Osborn, William H.: *See*—
Tuwiner, Sidney B., and Osborn.
Osborne, Andrew G., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Applying closures to containers. 2,409,788; Oct. 22.
Osborne, Andrew G., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Sealing containers. 2,409,789; Oct. 22.
Osborne, Fred H.: *See*—
Hoyslett, Lamar E., and Osborne.
Osborne, Fred H., Snyder, assignor to The Rudolph Wurlitzer Company, North Tonawanda, N. Y. Drink measuring device. 2,396,527; Mar. 12.
Osborne, Leonard S., Cincinnati, Ohio. Portrait camera shutter. 2,400,778; May 21.
Osborne, Ralph W., Toronto, Ontario, Canada. Apparatus for measuring the quality of material. 2,395,425; Feb. 26.
Osborne, Sidney G., and A. Mitchell, assignors to Hooker Electrochemical Company, Niagara Falls, N. Y. Removal of chlorate from caustic soda. 2,404,453; July 23.
Osborne, Walter, Glendale, Calif. Piston for internal-combustion engines. 2,407,440; Sept. 10.
Osburn, Howard W., assignor to Power Brake Parts Manufacturing and Sales Company, Detroit, Mich. Valve. 2,392,800; Jan. 8.
Oscar, George R., West Milton, and W. S. Boals, Dayton, Ohio. Remote control firing mechanism for machine guns. 2,410,100; Oct. 29.
Osenberg, Erwin C., De Kalb, assignor to The Rudolph Wurlitzer Company, Chicago, Ill. Accordion finger wire and valve attachment. 2,402,912; June 25.
Osenberg, Erwin C., Dekalb, assignor to The Rudolph Wurlitzer Company, Chicago, Ill. Accordion treble shift mechanism. 2,410,897; Nov. 12.
Osgood, Charles F., Claremont, N. H., assignor to Sullivan Machinery Company. Cuttings-conveyer mechanism. 2,394,005; Feb. 5.
Osgood, Charles F., Claremont, N. H., assignor to Sullivan Machinery Company. Material haulage vehicle. 2,394,006; Feb. 5.
Osgood, Charles F., Claremont, N. H., assignor to Joy Manufacturing Company. Cutter chain. 2,408,476; Oct. 1.
Osgood Company, The, assignee: *See*—
McLean, Leland O.
White, Fred L., and McLean.
O'Shaughnessy, James M., Woodbridge, N. J., assignor to National Lead Company, New York, N. Y. Recovery of waste sulphuric acid liquors. 2,394,470; Feb. 5.
O'Shel, William E., London, England. Fluid pressure motor. 2,397,621; Apr. 2.
Osinski, Stephen B., Detroit, Mich. Electric outlet box. 2,397,688; Apr. 2.
Osplack, Joseph J., assignor to Vinco Corporation, Detroit, Mich. Spindle bearing. 2,408,995; Oct. 8.
Ost, Clarence S., Atlantic City, N. J. Apparatus for integrating radiant energy. 2,408,576; Oct. 1.
Ostberg, Bertil E., Arlington, assignor to Polaroid Corporation, Cambridge, Mass. Methacrylic esters and copolymers thereof. 2,397,287; Mar. 26.
Osterberg, Harold, and P. C. Heijn, Buffalo, N. Y., assignors, by mesne assignments, to American Optical Company, Southbridge, Mass. Projection apparatus. 2,395,561; Feb. 26.
Osterberg, Harold, G. E. Pride, and P. C. Heijn, Buffalo, N. Y., assignors, by mesne assignments, to American Optical Company, Southbridge, Mass. Apparatus for treating articles. 2,408,529; Oct. 1.
Osterdahl, Ragnar: *See*—
von Segebaden, Ernst, and Osterdahl.
Ostergren, Ralph H.: *See*—
Whenton, Elmer P., and Ostergren.
Ostergren, Ralph H., Los Angeles, assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Resistance thermometer. 2,395,192; Feb. 19.
Osterheld, Clark M., Stoughton, Wis., assignor to McGraw Electric Company, Elgin, Ill.. Water heater control system. 2,392,177; Jan. 1.
Osterheld, Clark M., Stoughton, Wis., assignor to McGraw Electric Company, Elgin, Ill. Thermal retarder. 2,392,498; Jan. 8.
Osterheld, Clark M., Stoughton, Wis., assignor to McGraw Electric Company, Elgin, Ill. Water heating system. 2,397,039; Mar. 19.
Osterheld, Clark M., Stoughton, Wis., assignor to McGraw Electric Company, Elgin, Ill. Water heater control system with thermal retarder. 2,400,596; May 21.
Osterheld, Clark M., Stoughton, Wis., assignor to McGraw Electric Company, Elgin, Ill. Water heater control system. 2,403,116; July 2.
Osterheld, Clark M., Stoughton, Wis., assignor to McGraw Electric Company, Elgin, Ill. Snap acting thermostatic switch. 2,408,873; Oct. 8.
Osterheld, Clark M., Stoughton, Wis., assignor to McGraw Electric Company, Elgin, Ill. Thermal retarder. 2,408,874; Oct. 8.
Osterhof, Arthur L., Newark, assignor to Hercules Powder Company, Wilmington, Del. Tall oil treatment. 2,396,471; Mar. 12.
Ostermann, Rudolf M., Evanston, Ill., assignor to The Superheater Company, New York, N. Y. Compounding system for steam locomotives. 2,397,977; Apr. 9.
Osterstuck, Lester M., assignor of one-half to M. A. Bissell, Jamestown, N. Y. Torque-responsive clutch. 2,413,466; Dec. 31.
Ostline, John E., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Telephone traffic recording system. 2,393,403; Jan. 22.
Ostline, John E., Chicago, Ill., assignor to Automatic Electric Laboratories, Inc. Telephone system. 2,409,063; Oct. 8.
Ostline, John E., Chicago, Ill., assignor to Automatic Electric Laboratories, Inc. Telephone system. 2,410,520; Nov. 5.
Ostlund, Albion I. ,and J. C. Christian, Jr., assignors to Boeing Aircraft Company, Seattle, Wash. Automatic charging means for machine guns. 2,413,416; Dec. 31.
Ostlund, Richard E., assignor to Lufkin Foundry & Machine Company, Lufkin, Tex. Trailer. 2,400,253; May 14.
Ostrander, Charles W.: *See*—
Thomas, Robert M., and Ostrander.
O'Sullivan, Eugene D., assignee: *See*—
Shaffer, Owen S.
Osuna, José R., Marianao, Cuba. Apparatus for continuous clarification. Re. 22,814; Dec. 3.

Oswald, Carl L., New York, N. Y., assignor to himself, as trustee for himself and Warren Dunham, Foster, Eustis, Fla. Repeating flash and synchronizing apparatus. 2,395,500; Feb. 26.

Oswald, James A.: *See*—
Larsen, Merwin J., Schjonberg, and Oswald.

Oswald, Olaf, Honolulu, Hawaii. Carburetor. 2,393,118; Jan. 15.

Oswego Falls Corporation, assignee: *See*—
Wilcox, Isaac L.

Osweiler, Paul L.: *See*—
Miller, Joseph E., and Osweiler.

Othmer, Donald F.: *See*—
Weisberg, Samuel M., Stimpson, Greenspan, and Othmer.

Othmer, Donald F., Coudersport, Pa. Debydration of acetic acid and other lower fatty acids. 2,395,010; Feb. 19.

Otis Elevator Company, assignee: *See*—
Burke, Theodore H. D.
Burns, William H.
Hall, Harry E.
Hynaus, Frederick.
Lewis, Jacob D.
Sanford, Selden B., and Nutzel.

Otis, Herbert C., Dallas, Tex. Methods and means for flowing wells. 2,393,404; Jan. 22.

O'Toole, William F., Cheyenne, Wyo. Coin separator. 2,398,955; Apr. 23.

Ott, Emil, assignor to Hercules Powder Company, Wilmington, Del. Terpene reaction product and producing. 2,413,648; Dec. 31.

Ott, Percy W., assignor to Ranco Incorporated, Columbus, Ohio. Testing apparatus of the vibratory motion type. 2,399,503; Apr. 30.

Ott, Thomas F., Berkeley, assignor to Union Oil Company of California, Los Angeles, Calif. Base coat for launching grease. 2,397,805; Apr. 2.

Ottawa Steel Products, Incorporated, assignee: *See*—
Laughead, James F.

Ottenstein, Friedrich, Copenhagen, Denmark; vested in the Allen Property Custodian. Bottle closure. 2,404,741; July 23.

Otteson, Andrew, New York, N. Y. Receptacle cover. 2,405,667; Aug. 13.

Otteson, Otto C., Racine, Wis. Razor blade holder. 2,406,160; Aug. 20.

Otti, Joseph, Oklahoma City, Okla. Louver operating means. 2,405,899; Aug. 13.

Ottinger, Leon, assignee: *See*—
Gage, Edward G.

Otto, Carl, Manhasset, assignor to Fuel Refining Corporation, New York, N. Y. Apparatus for the production of ammonium sulphate. 2,409,790; Oct. 22.

Otto, Ferdinand P.: *See*—
Meyer, Ronald E., and Otto.

Otto, Ferdinand P., and O. M. Reiff, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Hard resins. 2,394,560; Feb. 12.

Otto, Ferdinand P., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Mineral oil composition. 2,403,453; July 9.

Ottomano, Mario, Union City, assignor to American Safety Razor Corporation, Brooklyn, N. Y. Yarn producing apparatus. 2,406,626; Aug. 27.

Ouimet, Emil R., Brockton, Mass. Welt and making the same. 2,403,750; July 9.

Oussani, James J., Brooklyn, N. Y. Electric fastener driving machine. 2,403,947; July 16.

Outboard Marine & Manufacturing Company, assignee: *See*—
Furry, John F.

Overbeck, Wilcox P., Waltham, Mass., assignor to Research Corporation, New York, N. Y. Counting system. 2,404,918; July 30.

Overbeck, Wilcox P., Waltham, Mass., assignor to Research Corporation, New York, N. Y. Electronic switching device and circuit therefor. 2,404,919; July 30.

Overbeck, Wilcox P., Waltham, Mass., assignor to Research Corporation, New York, N. Y. Electronic discharge apparatus. 2,404,920; July 30.

Overbeke, John, Cleveland Heights, Ohio. Fibrous cord. 2,401,956; June 11.

Overbeke, John, Cleveland Heights, Ohio. Making fibrous bristles. 2,406,707; Aug. 27.

Overbeke, John W., assignor to Simmonds Aerocessories, Inc., New York, N. Y. Sectional accumulator. 2,394,401; Feb. 5.

Overbeke, John W., assignor to Simmonds Aerocessories, Inc. of New York, New York, N. Y. Pressure vessel. 2,401,791; June 11.

Overbeke, John W., assignor to Simmonds Aerocessories, Inc. of New York, New York, N. Y. Accumulator. 2,401,792; June 11.

Overlakes Freight Corporation, assignee: *See*—
Hewitt, Fred L.

Overley, Charles A.: *See*—
Black, Howard C., and Overley.

Overly Bio-Chemical Research Foundation, Inc., The, assignee: *See*—
Wallerstein, James S., Farber, and Dayton.

Overly, Elmer G., Oakmont, Pa., assignor, by mesne assignments, to Pittsburgh Lithograph Press Corporation, New York, N. Y. Pay statement and envelope assembly. 2,413,649; Dec. 31.

Overman, Ivan J., Marion, Ind. Drier for aggregates and the like. 2,411,751; Nov. 26.

Owen, Dale, Bay City, assignor to Cappel, MacDonald & Company, Dayton, Ohio. Toy. 2,399,566; Apr. 30.

Owen, Harold R., assignor to Electrical Products Corporation, Los Angeles, Calif. Gaseous discharge tube lighting fixture. 2,406,896; Sept. 3.

Owen, Ira J., Laguna Beach, Calif., assignor to J. H. and R. B. Kiel, Wilmette, Ill. Floor cleaning machine. 2,406,247; Aug. 20.

Owen, John J., Baton Rouge, La., assignor to Standard Oil Development Company. Reduction of nitro compounds. 2,402,439; June 18.

Owen, John J., Baton Rouge, La., assignor to Standard Oil Development Company. Manufacturing aromatic amines. 2,402,440; June 18.

Owen, William, Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Manufacturing of cellulated bodies. 2,401,582; June 4, 1946

Owen, William, Pittsburgh, and I. G. Peck, Ford City, Pa., assignors to Pittsburgh Plate Glass Company. Apparatus for cutting prisms. 2,408,530; Oct. 1.

Owen, William L.: *See*—
Owen, William L., Jr., and W. L.

Owen, William L., Jr., and W. L. Baton Rouge, La. Production of gum dextran. 2,392,258; Jan. 1.

Owen, William O.: *See*—
Hepburn, William M., and Owen.

Owens-Corning Fiberglas Corporation, assignee: *See*—
Beach, George.
Bielfeld, Lawrence P.
Collins, Howard W.
Dockerty, Stuart M.
Ebaugh, Paul.
McMillin, James R., and Lake.
Miller, Kenneth J.
Roberts, Richard M.
Schoenlaub, Robert A.
Simison, Allen L., and Fletcher.
Slayter, Games, and Fletcher.
White, Erven, and Smucker.

Owens, Fred L., Richmond, Calif. Ventilating and deodorizing toilet. 2,406,507; Aug. 27.

Owens, Freeman H., New York, N. Y. Program preselecting and control apparatus. 2,403,454; July 9.

Owens, Freeman H., New York, N. Y. Program preselecting and control apparatus. 2,411,890; Dec. 3.

Owens, Freeman H., New York, N. Y. Radio control apparatus. 2,411,891; Dec. 3.

Owens-Illinois Glass Company, assignee: *See*—
Barnby, Herbert A., and Wheaton.
Belada, John.
Bennett, Edward H.
Darrah, William A.
Duncan, Donald M., Wright, Jackson, and Heyne.
Ferguson, John E., and McCreery.
Hofmann, Victor E.
Holm, John, and Klatt.
McCreery, Cecil W.
Plummer, Walter D.
Schreiber, Carl W.
Sullivan, Emmet J.
Waterbury, Neil M., and Tittel.

Owens, James B., and R. H. Hitson, Wilkinsburg, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Relay control circuit. 2,404,982; July 30.

Owens, James H., Camden, N. J., assignor to Radio Corporation of America. Beading projection screens. 2,404,454; July 23.

Owens, Jesse C., Los Angeles, Calif. Antisiphonic plumbing unit. 2,395,906; Mar. 5.

Owens, Jesse C., Los Angeles, Calif. Antisiphon ball cock valve. 2,409,890; Oct. 22.

Owens, Jesse C., Los Angeles, Calif. Flush tank. 2,412,691; Dec. 17.

Owens, Roy A., Galveston, Tex. Pendulum vertical angle measuring instrument. 2,412,831; Dec. 17.

Owens, Russell S., assignor to Wagner Electric Corporation, St. Louis, Mo. Anchor block supporting lever. 2,398,717; Apr. 16.

Owner, Frank M., Bristol, assignor, by mesne assignments, to Rotol Limited, Gloucester, England. Propeller spinner. 2,408,677; Oct. 1.

Oxford, Alan J. H.: *See*—
Butement, William A. S., and Oxford.

Oxsen, Howard, Berkeley, Calif. Adjustable propeller shaft bearing. 2,404,921; July 30.

Ozark Chemical Company, assignee: *See*—
Lange, Willy.
Lange, Willy, and Livingston.

Paalu, Alex, assignor to A. O. Smith Corporation, Milwaukee, Wis. Temperature indicator. 2,395,937; Mar. 5.

Paasche, Jens A., Chicago, Ill. Air conditioner. 2,393,119; Jan. 15.

Paasche, Jens A., Chicago, Ill. Fluid pressure regulator. 2,398,503; Apr. 16.

Paasche, Jens A., Chicago, Ill. Coating machine. 2,400,315; May 14.

Paasche, Jens A., Chicago, Ill. Air spraying device. 2,401,503; June 4.

Paasche, Jens A., Chicago, Ill. Airbrush device. 2,401,504; June 4.

Pabst Brewing Company, assignee: *See*—
Darragh, John K., and Rue.
Rue, Harold E.

Pace, Henry A.: *See*—
Pacevitz, Henry A.

Pace, Henry A., assignor to Wingfoot Corporation, Akron, Ohio. Foundry core binder. 2,394,522; Feb. 5.

Pace, Pauline F.: *See*—
Butt, Charles A., Hallman, Bowden, Whitlow, and Pace.

Pacevitz, Henry A., now by judicial change of name, H. A. Pace, assignor to Wingfoot Corporation, Akron, Ohio. Recovery process. 2,396,600; Mar. 12.

Pacific Acetate and Chemical Company, assignee: *See*—
Thomsen, Alfred M.

Pacific Bridge Company, assignee: *See*—
Maier, Charles G.

Pacific Can Company, assignee: *See*—
Russell, George M.

Pacific Electric Manufacturing Corporation, assignee: *See*—
Foulds, Charles V.
Schwager, August C.
Thompson, Joseph S.

Pacific Enterprise Products Co., assignee: *See*—
Smith, Alvin J.

Pacific Flush Tank Company, assignee: *See*—
Platt, William M.

Pacific Lumber Company, The, assignee: *See*—
Lewis, Harry F.
Mead, Elmer C.
Riehl, Harmon B.

Pacific Machine Works: *See*—
Blomgren, Walter R.

Pacific Mills, assignee: *See*—
Blouin, Joseph P.
Musser, David M.

Pacific Plastic and Manufacturing Company, assignee: *See*—
Cerf, Robert C.

Pacifico, Marius L., Corning, N. Y. Defroster. 2,398,035; Apr. 9.

Package Service Company, assignee: *See*—
Nordeen, Ray H., and Nedblake.

Packard, David, Palo Alto, and N. E. Porter, Berkeley, assignors to Hewlett-Packard Company, Palo Alto, Calif. Welding system. 2,412,745; Dec. 17.

Packard, Edwin A., Yonkers, N. Y. Liquid solids separation apparatus. 2,406,248; Aug. 20.

Packard Motor Car Company, assignee: *See*—
Beltz, Lester L.
Graves, William H.
McFarland, Forest R.
Vincent, Jesse G., and McFarland.
Ware, Marsden.

Packer, Lewis C., Longmeadow, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Variable-speed motor. 2,409,891; Oct. 22.

Packie, John W., Green Village, and W. S. Craft, Elizabeth, N. J., assignors to Standard Oil Development Company. Concentration of diolefins. 2,411,588; Nov. 26.

Paddle, Leslie H., St. Paul's Cray, England. Reduction of metals to powdered or granular form. 2,402,441; June 18.

Paden, Joseph H., Glenbrook, and J. S. Mackay, Greenwich, Conn., assignors to American Cyanamid Company, New York, N. Y. Preparation of melamine. 2,396,193; Mar. 5.

Padgett, William R., Pasadena, Tex. Miniature self-propelled airplane. 2,404,922; July 30.

Padilla, Dante, Vallejo, Calif. Fire alarm contact device. 2,411,752; Nov. 26.

Padva, Philip, assignor, by mesne assignments, to Thomas J. Neilan, Los Angeles, Calif. Photoelectric integrator. 2,410,550; Nov. 5.

Page, Albert E. and F. R., assignors to Scott & Williams, Incorporated, Laconia, N. H. Knitting machine. 2,409,306; Oct. 15.

Page, Alfred E., assignor to W. & T. Avery Limited, Birmingham, England. Automatic weighing apparatus embodying a totalizing mechanism. 2,406,897; Sept. 3.

Page, Frank R.: *See*—
Page, Albert E. and F. R.

Page, Herbert E., assignee: *See*—
Aaron, Harry.

Page, Herbert E., Pasadena, Calif. Hydraulic lift jack. 2,393,405; Jan. 22.

Page, Herbert E., Pasadena, Calif. Vertical jack. 2,400,316; May 14.

Page, Herbert E., Pasadena, Calif. Tripod jack. 2,407,796; Sept. 17.

Page, Herbert E., Alhambra, Calif. Hydraulic torque wrench. 2,398,392; Apr. 16.

Page, Herbert E., Alhambra, Calif. Hydraulic jack. 2,402,572; June 25.

Page, John W., Chicago, Ill. Detachable bucket tooth. 2,393,706; Jan. 29.

Pagel, Louis W., Denver, Colo. Game apparatus. 2,400,019; May 7.

Paget, Win W., Michigan City, Ind., assignor to Sullivan Machinery Co. Valve device. 2,392,178; Jan. 1.

Paget, Win W., Michigan City, Ind., assignor to Joy Manufacturing Company. Drilling apparatus. 2,407,679; Sept. 17.

Paget, Win W., Michigan City, Ind., assignor to Joy Manufacturing Company. Drilling apparatus. 2,410,458; Nov. 5.

Paige, Richard E., New York, N. Y. Jointed toy figure. 2,400,208; May 14.

Paillard, E., et Cie S. A., assignee: *See*—
Prezioso, Guiseppe.

Paille, Eugene, Los Angeles, assignor to General Controls Co., Glendale, Calif. Thermoelectric generating device. 2,410,128; Oct. 29.

Paine, Karl A.: *See*—
Odlum, William H., and Paine.

Painter, David L., Chicago, Ill., assignor to J. F. Barnes, trustee. Cabinet for disks and the like. 2,402,076; June 11.

Painter, John L., Jr., West Newton, Pa. Form to provide air passages in concrete walls. 2,407,441; Sept. 10.

Painter, Rex H. G.: *See*—
Browne, Donald B., Clarke, and Painter.

Paiva, Albert: *See*—
MacMillan, Douglas M., Vinton, and Paiva.

Pakala, William E., Forest Hills, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Firing circuit for ignitrons. 2,401,013; May 28.

Pakala, William E., Forest Hills, and A. B. White, Murrysville, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Arc welding system. 2,399,377; Apr. 30.

Pako Corporation, assignee: *See*—
Dye, Glen M., Sardeson, and Armstrong.
Sardeson, Robert, and Savela.

Paley, Harry, New York, N. Y. Toy holster for guns. 2,408,678; Oct. 1.

Paley, Lewis A.: *See*—
Gustafson, Hilding B., and Paley.

Paley, Lewis A., Glen Ellyn, Ill., assignor to United States Gypsum Company, Chicago, Ill. Quick setting anhydrite and its manufacture. 2,410,390; Oct. 29.

Paley, Lewis A., Glen Ellyn, and W. H. Young, assignors to United States Gypsum Company, Chicago, Ill. Fastener. 2,392,179; Jan. 1.

Palisade Structures, Inc., assignee: *See*—
Alcott, Frank H.

Pall, David B., New York, N. Y., assignor, by mesne assignments, to American Cyanamid Company. Developing pigment properties of titanium dioxide. 2,397,430; Mar. 26.

Pallich, Martin B., Houston, assignor of eighty per cent to G. C. Sarris, Bexar County, Tex. Broiler. 2,397,040; Mar. 19.

Palliser, Leonard: *See*—
Sherman, Monroe, and Palliser.

Palmatier, Everett P., Upper Montclair, N. J., assignor to Curtiss-Wright Corporation. Fan de-icing or anti-icing means. 2,406,473; Aug. 27.

Palmer, Alvan M.: *See*—
Rodgers, Frederick W., and Palmer.

Palmer, Austin R., assignor to Baker Perkins Limited, Peterborough, England. Dough dividing machine. 2,408,679; Oct. 1.

Palmer, Charles M., Washington, D. C. Eyelash curler. 2,410,391; Oct. 29.

Palmer, Delores, Memphis, Tenn. Brassière. 2,411,334; Nov. 19.

Palmer, Frank D., Chicago, Ill., assignor to Kraft Foods Company. Method and apparatus for forming lined boxes. 2,394,935; Feb. 12.

Palmer, Frank D., Chicago, Ill., assignor to Kraft Foods Company. Packaging apparatus. 2,394,936; Feb. 12.

Palmer, Fred S., and P. F. Gross, Woodstown, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of metal-free phthalocyanine coloring matter. 2,413,191; Dec. 24.

Palmer, Jacob H., assignor to Ex-Cell-O Corporation, Detroit, Mich. Toolholder. 2,400,368; May 14.

Palmer, Jewell S., Baytown, Tex., assignor to Standard Oil Development Company. Throttling valve. 2,403,751; July 9.

Palmer, John B., Los Angeles, Calif. Campaign badge. 2,408,224; Sept. 24.

Palmer, John F., Waukesha, Wis. Push-button pump type soap dispenser. 2,407,765; Sept. 17.

Palmer, Richard W., Whittier, and J. M. Hudson, Downey, Calif., assignors, by mesne assignments, to Consolidated Vultee Aircraft Corporation. Retractable landing gear for airplanes. 2,391,998; Jan. 1.

Palmer, Robert C., Jr.: *See*—
Fox, Samuel S., and Palmer.

Palmer, Robert T., Sharon, Mass. Wet bulb thermometer and thermostat. 2,412,782; Dec. 17.

Palmer, Walter E., Fair Lawn, N. J., assignor to Hollup Corporation, Chicago, Ill. Welding stud. 2,413,370; Dec. 31.

Palmer, Wilson G., Chicago, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Cap lining material and producing the same. 2,406,898; Sept. 3.

Palmer, Winslow: *See*—
Ginzton, Edward L., Palmer, and Jenks.
Palmquist, Philip V., New Canada Township, Ramsey County, B. S. Cross, and G. P. Netherly, assignors to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Reflex light reflector. 2,407,680; Sept. 17.
Paloia, Marcus A., Calistoga, Calif. Wire twisting tool. 2,399,139; Apr. 23.
Palotsee, John J., Youngstown, Ohio. Mandrel. 2,392,259; Jan. 1.
Palotsee, John J., Youngstown, Ohio. Air intake for motors. 2,396,601; Mar. 12.
Palotsee, John J., Youngstown, Ohio. Adjustable hone. 2,412,419; Dec. 10.
Paluszek, Adam J., Port Chester, N. Y., assignor of 15 per cent to J. H. Hayes, Green Farms, Conn. Treatment of castor oil, and in castor oil containing products. 2,401,369; June 4.
Pamphilis, George, assignor to Argonaut Engineering Corp., Hoboken, N. J. Welded ship. 2,393,653; Jan. 29.
Pancoe, George W., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Safety harness and control apparatus therefor. 2,394,523; Feb. 5.
Panes, Isidore, New York, N. Y. Stay for corsets. 2,405,900; Aug. 13.
Panes, Isidore, New York, N. Y. Adjustable breast pocket. 2,407,574; Sept. 10.
Pangborn Corporation, assignee: *See*—
Keefer, Walter L.
Pantalone, Vincent R., Hamden, assignor to National Folding Fox Company, New Haven, Conn. Carton. 2,397,041; Mar. 19.
Pantex Pressing Machine, Inc., assignee: *See*—
Lornitzo, Frank C.
Monsarrat, Nicholas.
Panther Oil & Grease Mfg. Co., assignee: *See*—
Fewsmith, Alexander G.
Panty-Zip, Inc., assignee: *See*—
D'Aprile, Carmen.
Panzer, William C., Chicago, Ill. Knockdown stool or the like. 2,408,337; Sept. 24.
Papadakos, Peter J.: *See*—
Andreopoulos, Theodore C., and Papadakos.
Papazoni, Charles F., Allentown, Pa., assignor to Trojan Powder Company. Trinitrotoluene manufacture. 2,402,180: June 18.
Pape, Bruno L., New Braunfels, Tex. Pipe cleaner. 2,412,531; Dec. 10.
Pape, Clifford B.: *See*—
Buchanan, Thomas B., and Pape.
Paper Novelty Manufacturing Company, assignee: *See*—
Herold, Charles A.
Pappas, Phillip M., Houston, Tex. Timing device. 2,393,559; Jan. 22.
Papsdorf, Robert A., Los Angeles, Calif. Self-acting stock feed. 2,406,508; Aug. 27.
Papst, Hugh W., Hastings-on-Hudson, N. Y., assignor to Federal Telephone and Radio Corporation. Terminating high tension cables. 2,396,283; Mar. 12.
Papworth Limited, assignee: *See*—
Sealey, Louis E.
Paquette, Joseph A., San Mateo, Calif. Table and seat structure. 2,399,378; Apr. 30.
Paquin, Joseph N.: *See*—
Stecher, Henry D., and Paquin.
Par Manufacturing Co.: *See*—
Gideon, Victor W.
Paradis, Lionel P., New York, and W. F. Auerbacher, Brooklyn, assignors to Radio-Television Institute, Inc., New York, N. Y. Regulator circuit. 2,401,096; May 28.
Paradise, Moses L., Milwaukee, Wis. Curtain or drape hanger. 2,393,869; Jan. 29.
Paragon Manufacturing Company, assignee: *See*—
Zappone, Charles F.
Pardee, Harvey S., Ravinia, assignor, by mesne assignments, to Acme Industrial Company, Chicago, Ill. Shaft seal. 2,393,260; Jan. 22.
Parenti, Joseph S., Buffalo, N. Y. Internal-combustion engine. 2,407,681; Sept. 17.
Parfentjev, Ivan A., Nanuet, N. Y. Recovery of fatty substances. 2,395,790; Feb. 26.
Parfentjev, Ivan A., Nanuet, N. Y. Salvage from fish viscera. 2,406,249; Aug. 20.
Parham, Burley L., Southport, Ind. Extensible length level. 2,398,851; Apr. 23.
Parilla, Arthur R., Garden City, N. Y. Automatically retractible landing gear. 2,401,097; May 28.
Paris, Robert E. Teaneck, N. J., assignor to International Business Machines Corporation, New York, N. Y. Record perforating machine. 2,396,384; Mar. 12.
Paris, Robert E., Teaneck, N. J., assignor to International Business Machines Corporation, New York, N. Y. Printing mechanism. 2,398,036; Apr. 9.
Parisier, Maurice, New York, N. Y. Reverberations modulator. 2,403,231; July 2.
Parisier, Maurice, New York, N. Y. Reverberation modulator for echo effect. 2,403,232; July 2.
Park, Charles R.: *See*—
Hanson, Elmo E., and Park.
Park Chemical Company, assignee: *See*—
Kramer, Paul H.
Park, Joseph D.: *See*—
Benning, Anthony F., and Park.
Benning, Anthony F., Downing, and Park.
Park, Joseph D., Wilmington, Del., and W. W. Rhodes, Westtown, Pa., assignors to Kinetic Chemicals, Inc., Wilmington, Del. Wax free pyrethrin solutions. 2,410,101; Oct. 29.
Park, Malcolm S.: *See*—
Perkins, Kenneth, and Park.
Park, Robert H.: *See*—
Glennon, James B., and Park.
Parke, Davis & Company, assignee: *See*—
Bambas, Louis L.
Cheney, Lee C., and Bywater.
Henze, Henry R.
Jones, Edward G., and Kamm.
Lawson, Elmer J., and Parke.
Long, Loren M.
Marker, Russell E.
Marker, Russell E., Crooks, Jr., and Wittle.
Marker, Russell E., and Wittle.
Pfiffner, Joseph J., Binkley, Bloom, and Emmett.
Rawlins, Albert L.
Smith, Harry P.
Smith, Harry P., and Seegers.
Tendick, Frank H.
Wagner, Romeo B.
Parke, Hervey C.: *See*—
Lawson, Elmer J., and Parke.
Parker, Alvin S., Jr., High Point, N. C. Clothes drying, blocking, or stretching device. 2,410,230; Oct. 29.
Parker Appliance Company, The, assignee: *See*—
Chavayda, Joseph J.
Dunnebeck, Robert E.
Hartley, Emmett C.
Melichar, Joseph F.
Melichar, Joseph F., and Margrave.
Parker, Arthur L.
Parker, Arthur L., and Melichar.
Wolfram, John N.
Wolfram, John N., and Maky.
Parker, Arthur L., deceased, Cleveland, by H. M. Parker, executrix, Shaker Heights, assignor to The Parker Appliance Company, Cleveland, Ohio. Antiseizing paste for sealing threaded joints and the like. 2,393,929; Jan. 29.
Parker, Arthur L., assignor to The Parker Appliance Company, Cleveland, Ohio. Pipe coupling. 2,394,097; Feb. 5.
Parker, Arthur L., assignor to The Parker Appliance Company, Cleveland, Ohio. Coupling structure for flexible tubes. 2,394,632; Feb. 12.
Parker, Arthur L., assignor to The Parker Appliance Company, Cleveland, Ohio. Coupling for tubes. 2,398,555; Apr. 16.
Parker, Arthur L., assignor to The Parker Appliance Company, Cleveland, Ohio. Fluid dispensing device. 2,399,245; Apr. 30.
Parker, Arthur L., assignor of one-half to Logansport Machine, Incorporated, Logansport, Ind., and one-half to The Parker Appliance Company, Cleveland, Ohio. Tube coupling. 2,404,142; July 16.
Parker, Arthur L., deceased, by H. M. Parker, executrix, Shaker Heights, assignor to The Parker Appliance Company, Cleveland, Ohio. Sump selector valve. 2,409,223; Oct. 15.
Parker, Arthur L., and J. F. Melichar, assignors to The Parker Appliance Company, Cleveland, Ohio. Engine primer. 2,412,532; Dec. 10.
Parker, Carlyle V.: *See*—
Meacham, Larned A., Mohr, and Parker.
Parker, Charles H., and W. W. Covington, Lansdowne, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Clamping apparatus. 2,400,708; May 21.
Parker, Chesley, assignee: *See*—
Hallum, Jesse J., Sr.
Parker, Daniel H.: *See*—
Miller, Carroll E.
Parker, Earl R., Schenectady, N. Y., assignor to General Electric Company. Strong, machinable, heat-resistant alloy. 2,404,247; July 16.
Parker, Earl R., Schenectady, N. Y., assignor to General Electric Company. Heat-resistant alloy. 2,404,248; July 16.
Parker, Edward A., Redmond, Oreg. Rail torpedo fork. 2,412,746; Dec. 17.
Parker, Edwin D.: *See*—
Irving, George W., Merrifield, Burnett, and Parker.
Parker, Ernest V., Oakland, Calif. Fuel salvage unit. 2,401,880; June 11.
Parker, Ernest W., West Roxbury, Mass. Fish lure casting plug. 2,413,371; Dec. 31.
Parker, Glenn H., Royal Oak, assignor to Chrysler Corporation, Highland Park, Mich. Vehicle suspension. 2,393,183; Jan. 15.
Parker, Helen M., executrix: *See*—
Parker, Arthur L.
Parker, Henry C., Washington, D. C., and F. D. Prager, Chicago, Ill., assignors to Graver Tank & Mfg. Co., Inc. Apparatus for clarifying and purifying liquids. 2,411,386; Nov. 19.

Parker Manufacturing Company, assignee: *See*—
Cacarillo, Anthony J.
Lenk, Kurt H., and Priest.
Parker, Matthew: *See*—
Russell, Alexander, Parker, and Harris.
Parker, Paul T.: *See*—
Squires, Walter, Jr., and Parker.
Waterman, Wendell W., and Parker.
Parker Pen Company, The, assignee: *See*—
Baker, Marlin S.
Heagney, Walter J.
Healy, Emmett.
Hull, Philip C.
Mohns, David F.
Ormsby, Lester W.
Parker, Ralzemond D., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph ciphering key tape machine. 2,406,031; Aug. 20.
Parker, Ralzemond D., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph signal enciphering mechanism. 2,406,032; Aug. 20.
Parker, Ralzemond D., Brooklyn, W. T. Rea, Manhasset, and F. J. Singer, Rockville Centre, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Data transmission system. 2,405,603; Aug. 13.
Parker, Robert L., Jr., South Pasadena, and H. C. Huffman, Long Beach, Calif., assignors to Union Oil Company of California, Los Angeles, Calif. Catalyst rejuvenation. 2,408,996; Oct. 8.
Parker, Robert P.: *See*—
Lecher, Hans Z., Goulding, and Parker.
Lecher, Hans Z., Parker, and Denton.
Parker, Robert P., Somerville, and J. J. Denton, Bound Brook, N. J., assignors to American Cyanamid Company, New York, N. Y. Azo derivatives of amino diphenylamines. 2,392,180; Jan. 1.
Parker, Robert P., Somerville, and C. M. Hofmann, Bound Brook, N. J., assignors to American Cyanamid Company, New York, N. Y. Diphenylamine azo dyestuffs. 2,392,181; Jan. 1.
Parker, Robert P., Somerville, and J. M. Smith, Jr., North Plainfield, N. J., assignors to American Cyanamid Company, New York, N. Y. Omega-alkoxyalkyl ethers of diphenylamines. 2,393,930; Jan. 29.
Parker, Robert P., Somerville, and J. J. Denton, Bound Brook, N. J., assignors to American Cyanamid Company, New York, N. Y. Derivatives of glycols. 2,394,257; Feb. 5.
Parker, Robert P., Somerville, and J. J. Denton, Bound Brook, N. J., assignors to American Cyanamid Company, New York, N. Y. Azo dyestuffs. 2,394,258; Feb. 5.
Parker, Robert P., Somerville, and C. M. Hofmann, Bound Brook, N. J., assignors to American Cyanamid Company, New York, N. Y. Tetrahydrofurfuryl ether of aminodiphenylamine. 2,400,050; May 7.
Parker, Robert P., Somerville, N. J., and A. J. Hill, New Haven, Conn., assignors to American Cyanamid Company, New York, N. Y. Alkamine derivatives of para aminomethyl benzoic acid. 2,406,627; Aug. 27.
Parker Rust Proof Company, assignee: *See*—
Tanner, Robert R.
Parker, Samuel P., assignor to Callaway Mills, La Grange, Ga. Loom. 2,405,975; Aug. 20.
Parker, Samuel P., assignor to Callaway Mills, La Grange, Ga. Weaving apparatus. 2,412,353; Dec. 10.
Parker, Samuel P., assignor to Callaway Mills, La Grange, Ga. Loom shedding means. 2,412,354; Dec. 10.
Parker, Samuel P., assignor to Callaway Mills, La Grange, Ga. Loom. 2,412,355; Dec. 10.
Parker Stamp Works, Inc., The, assignee: *See*—
Wild, Edward, and Bitter.
Parker, Warde L., Huntington Park, Calif., assignor to United Aircraft Products, Inc., Dayton, Ohio. Control valve. 2,393,805; Jan. 29.
Parkersburg Rig & Reel Company, The, assignee: *See*—
De La Mater, Robert G.
Parkes, Ralph C., Glenside, Pa. Expansible pole construction for drying machines. 2,398,190; Apr. 9.
Parkhurst, Layton M., Buffalo, N. Y. Apparatus for mixing and placing concrete. 2,394,561; Feb. 12.
Parkhurst, Malcolm K., New York, N. Y., assignor to The Wilcolator Company, Elizabeth, N. J. Automatic change-over relay. 2,410,677; Nov. 5.
Parkhurst, Malcolm K., New York, N. Y., assignor to The Wilcolator Company, Elizabeth, N. J. Control inverter change-over system. 2,410,678; Nov. 5.
Parkin, George W., Esmond, R. I. Yarn holder for bobbin transfer magazines. 2,396,120; Mar. 5.
Parkin, Leslie, Nottingham, England, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Sliding clasp fastener. Re. 22,715; Jan. 22.
Parkins, Wright A., West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Piston. 2,408,875; Oct. 8.
Parkinson, David B.: *See*—
Lovell, C. A., Parkinson, Swartzel, and Weber.
Lovell, Clarence A., Parkinson, and Weber.
Parkinson, David B., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wire winding machine. 2,406,397; Aug. 27.
Parkinson, David B., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Range converter. 2,407,325; Sept. 10.
Parks, Leonard A., Beaumont, Tex. Bottle carrier. 2,395,755; Feb. 26.
Parks, Noel W.: *See*—
Oganowski, Kasimir, Parks, and Coburn.
Parks and Woolson Machine Company, assignee: *See*—
Hadley, Wilfred N.
Parmelee, Alfred E.: *See*—
Bertolette, William de B., and Parmelee.
Parmelee, Alfred E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Purification of tetraethyl lead. 2,410,356; Oct. 29.
Parmelee, William H., Bethel Township, Allegheny County, Pa., assignor to Wheeling Stamping Company, Wheeling, W. Va. Making molded plastic articles. 2,401,180; May 28.
Parmenter, Frank D., Toronto, Ontario, Canada. Screen. 2,402,340; June 18.
Parr, Josephus O., Jr., assignor to Olive S. Petty, San Antonio, Tex. Separation of blasting circuit leads. 2,407,442; Sept. 10.
Parr, William F., Suffolk, Va. Internal adjustable thread gauge. 2,412,781; Dec. 17.
Parraga, Alfredo J., Vibora, Cuba. Cake cutter. 2,403,190; July 2.
Parris, Clarence H., Jr.: *See*—
Backus, Thomas, and Parris.
Parrish, Roger E., Sr.: *See*—
Groom, Roy L., and Parrish.
Parrish, William C., Park Ridge, assignor to Stewart-Warner Corporation, Chicago, Ill. Blower. 2,398,113; Apr. 9.
Parrott, Fleming, Madsen, Ontario, Canada. Rock drill. 2,396,747; Mar. 19.
Parrott, Forrest, assignee: *See*—
Burch, Willie D.
Parrott, Percy F.
Parrott, Percy F., Toledo, Ohio, assignor to L. Parrott. Vehicle jack. 2,411,803; Nov. 26.
Parry, Frank, Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Feed regulating means for sewing machines. 2,410,790; Nov. 5.
Parry, Frank, Deptford, London S. E. 8, assignor to Molins Machine Company, Limited, Deptford, London, England. Machine for charging clips which form the links of cartridge belts. 2,412,747; Dec. 17.
Parschin, Alexander: *See*—
Enger, Per J. S., and Parschin.
Parsons, Ben G., Grosse Pointe, assignor to Fuel Charger Corporation, Detroit, Mich. Fuel injector. 2,405,163; Aug. 6.
Parsons, Clinton H.: *See*—
Scott, Everette C., and Parsons.
Parsons, Edward T., Upper Montclair, and H. W. Sawyer, Nutley, N. J. Roofing. 2,405,325; Aug. 6.
Parsons, George C., Long Beach, Calif. Ship light. 2,395,756; Feb. 26.
Parsons, Gertrude M., Wausau, Wis. Combined bed and crib. 2,412,005; Dec. 3.
Parsons, Harrison O., Houston, Tex. Gauging and sampling device. 2,404,087; July 16.
Parsons, Irven, Bassett, Nebr. Branding and dehorning chute. 2,396,928; Mar. 19.
Parsons, John B., Toledo, Ohio. Motor-pump unit. 2,393,406; Jan. 22.
Parsons, John B., Toledo, Ohio. Vehicle window regulator mounting. 2,398,852; Apr. 23.
Parsons, John B., Toledo, Ohio. Regulator mechanism unit. 2,400,572; May 21.
Parsons, John B., Toledo, Ohio. Cylinder assembly. 2,403,020; July 2.
Parsons, John T., and A. V. Brogren, Detroit, Mich. Bomb protective band. 2,412,420; Dec. 10.
Parsons Marine Steam Turbine Company Limited, The, assignee: *See*—
Cook, Stanley S., and Douglas.
Parsons, Robert J., Schenectady, assignor to Consolidated Car Heating Company, Inc., Albany, N. Y. Heating control. 2,392,290; Jan. 1.
Parsons, Robert J., Schenectady, assignor to Consolidated Car Heating Company, Inc., Albany, N. Y. Hydraulic device. 2,408,338; Sept. 24.
Parsons, Robert J., Schenectady, N. Y., assignor to Consolidated Car Heating Company, Inc., Albany, N. Y. Damper control. 2,409,064; Oct. 8.
Parsons, Robert J., Schenectady, N. Y., assignor to Consolidated Car Heating Company, Inc., Albany, N. Y. Damper control. 2,411,834; Nov. 26.
Parsons, Stuart W., assignor to The Stanley Works, New Britain, Conn. Handle. 2,396,194; Mar. 5.
Parthemos, Pete, assignee: *See*—
Stevens, George.
Partington, Douglas E.: *See*—
Cooper, Alfred, and Partington.
Partington, Edward J.: *See*—
Mock, Frank C., and Partington.
Partington, Edward J., assignor to Bendix Products Corporation, South Bend, Ind. Change forming device. 2,400,369; May 14.

Partiot, Maurice, Pratt Island, Noroton, Conn., assignor to The Nitralloy Corporation. Armor plate construction. 2,399,691; May 7.
Partridge, Everett P., Beaver, assignor to Hall Laboratories, Inc., Pittsburgh, Pa. Well drilling mud and process. 2,393,560; Jan. 22.
Partridge, Morris N., Jackson Heights, N. Y. Signal. 2,399,057; Apr. 23.
Paschke, Herbert, and J. W. Wiley, assignors to Armstrong Cork Company, Lancaster, Pa. Making cork composition cartridge plugs. 2,394,524; Feb. 5.
Pascoe, Frank T., Carnegie, and A. L. Jerome, Edgewood, assignors to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,411,387; Nov. 19.
Pascoo, Alex, New York, N. Y. Safety razor. 2,412,906; Dec. 17.
Pash, Robert, Roselle, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Material treating apparatus. 2,409,953; Oct. 22.
Pasquier, Michel, Portland, Oreg. Treating plywood. 2,400,051; May 7.
Pass, Sam, assignee: *See*—
Lenz, Lionel C.
Passino, Herbert J., Englewood, assignor to The M. W. Kellogg Company, Jersey City, N. J. Hydrocarbon conversion. 2,396,965; Mar. 19.
Passino, Herbert J., Englewood, assignor to The M. W. Kellogg Company, Jersey City, N. J. Hydrocarbon conversion. 2,396,966; Mar. 19.
Passow, Edward B., Park Ridge, Ill., assignor to Zenith Radio Corporation. Tone control. 2,393,184; Jan. 15.
Patch, Allen J., Ripon, Wis. Washing machine. 2,403,233; July 2.
Patch, Earl S., Dayton, Ohio, and W. T. Moore, Washington, D. C., assignors to General Motors Corporation, Detroit, Mich. Projectile. 2,409,307; Oct. 15.
Patchen, Elester R., Lakeville, Conn., assignor to Local Industries, Incorporated. Apparatus for forming skis, etc. 2,406,628; Aug. 27.
Patent Button Company, The, assignee: *See*—
Purinton, Forrest G.
Patent and Licensing Corporation, The, assignee: *See*—
Cubberley, Richard H., and Yeager.
Ellersgaard, Asger.
Patents, C. D., Limited, assignee: *See*—
Bangham, Donald H., Bennett, Brown, Hirst, Pirani, and Phillpotts.
Patents Research Corporation, assignee: *See*—
Boucke, Heinz.
Guanella, Gustav.
Pateras Pescara, Raul, Lisbon, Portugal. Cylinder construction. 2,406,100; Aug. 20.
Paterson Engineering Company Limited, The, assignee: *See*—
Smalley, William.
Paterson, William J., Newton Highlands, assignor to Lever Brothers Company, Cambridge, Mass. Hydrobleaching glyceride oils. 2,410,102; Oct. 29.
Pathe Tool Manufacturing Co. Inc., assignee: *See*—
Behrens, Walter A.
Patience, William M., and D. E. Kimball, 2nd, assignors to Darling & Company, Chicago, Ill. Loading and unloading machine. 2,409,513; Oct. 15.
Patino, Alex, assignor to Croname, Incorporated, Chicago, Ill. Portable radio receiver. 2,396,121; Mar. 5.
Paton, Clyde R., Birmingham, assignor to General Motors Corporation, Detroit, Mich. Cooling system. 2,411,936; Dec. 3.
Patrick, Clarence W.: *See*—
Kent, Floyd A., and Patrick.
Patrick, Joseph C., assignor to Thiokol Corporation. Monodisulphide polymer. 2,392,402; Jan. 8.
Patrick, Joseph C., Morrisville, Pa., and H. R. Ferguson, assignors to Thiokol Corporation, Trenton, N. J. Reactive sulphide polymer and process of making it. 2,402,977; July 2.
Patrick, Joseph M., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Hand wheel for looms. 2,398,853; Apr. 23.
Patrick, Lawrence: *See*—
Leedy, Jesse.
Patrick, Walter A., Jr., Baltimore, Md. Dehydrating method and apparatus. 2,399,504; Apr. 30.
Patrick, Walter A., Jr., Mount Washington, assignor to The Davison Chemical Corporation, Baltimore, Md. Preparing a gel product for absorption of poisonous gases. 2,400,709; May 21.
Patrick, Walter A., Jr., and J. D. Elder; said Elder assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Dehydrating method and apparatus. 2,399,246; Apr. 30.
Patrick, Walter A., Jr., and J. D. Elder; said Elder assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Dehydrating apparatus. 2,399,247; Apr. 30.
Patrick, William E., Jr., Silver Spring, Md. Depth charge arbor. 2,398,445; Apr. 16.
Patrick, William E., Jr., Silver Spring, Md., and E. P. Gebhard, Arlington, Va. Depth charge projector. 2,399,248; Apr. 30.
Patt, Donald I.: *See*—
Koepnick, Robert C., Patt, and Randall.
Pattee, Ellis C., Cincinnati, Ohio, assignor to National Distillers Products Corporation. Treating distillery slop. 2,391,918; Jan. 1.
Pattee, Ellis C., Cincinnati, Ohio, assignor to National Distillers Products Corporation. Treatment of winery slops. 2,404,398; July 23.
Pattee, John R., assignor to The Bristol Company, Waterbury, Conn. Apparatus for detecting small direct currents. 2,405,049; July 30.
Patterson, Allen L., assignor to Allied Engineering Corporation, New Haven, Conn. Voice amplifying device. 2,402,341; June 18.
Patterson, Alonzo C.: *See*—
Levey, Harold A.
Levey, Harold A., and Patterson.
Patterson, Alonzo C., and H. C. Ganter, New Orleans, La.; said Ganter assignor to said Patterson. Boat. 2,396,721; Mar. 19.
Patterson, Charles H. J., assignor to The McNally-Pittsburg Manufacturing Corporation, Pittsburg, Kans. Gate mechanism for mechanical concentrating devices. 2,405,976; Aug. 20.
Patterson, Clarence, Cullman, Ala. Adjustable parallel beam cultivator. 2,413,467; Dec. 31.
Patterson, Donald J., Los Angeles, Calif., assignor to Simplex Time Recorder Co., Gardner, Mass. Hammer control mechanism. 2,405,901; Aug. 13.
Patterson, Everett M., Waterbury, Conn., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Woven-wire resistance and forming the same. 2,407,326; Sept. 10.
Patterson, Everett M., Waterbury, Conn., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wire-wound resistance and making same. 2,408,092; Sept. 24.
Patterson, Everett M., Waterbury, Conn., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Making wire-wound card-type resistance devices. 2,408,093; Sept. 24.
Patterson, Frank M., Pitman, N. J. Low water alarm. 2,411,457; Nov. 19.
Patterson, Franklin G., Schenectady, N. Y., assignor to General Electric Company. Transmission system. 2,412,161; Dec. 3.
Patterson, Gordon D.: *See*—
Sloan, Clifford K., and Patterson.
Patterson, John A., Westfield, N. J., assignor, by mesne assignments, to Standard Alcohol Company. Purification of monohydric alcohols. 2,402,077; June 11.
Patterson, John A., Westfield, N. J., assignor to Standard Oil Development Company. Separation and purification of isoprene. 2,407,997; Sept. 24.
Patterson, John A., Beacon, assignor to The Texas Company, New York, N. Y. Lubricant. 2,403,234; July 2.
Patterson, Letha L.: *See*—
Schoen, André, and Patterson.
Patterson, Reginald H.: *See*—
Cartwright, Harold N., Davies, and Patterson.
Patterson, Robert J., Bartlesville, Okla., assignor to Phillips Petroleum Company. Catalysts. 2,395,291; Feb. 19.
Patterson, Robert J., Bartlesville, Okla., assignor to Phillips Petroleum Company. Isomerization of butane. 2,404,923; July 30.
Patterson, Roy I., Golden Valley, Minn. Grain unloading and loading mechanism. 2,410,996; Nov. 12.
Patterson, Ward S.: *See*—
Jackson, George P., and Patterson.
Powell, E. M., and Patterson.
Patterson, Wilbur I., Fairfax, Va., and J. V. Karabinos, Columbus, Ohio., assignors, by mesne assignments, to Wyeth Incorporated, Philadelphia, Pa. Biotin intermediate. 2,400,436; May 14.
Patterson, Wilbur I., Chagrin Falls, and J. V. Karabinos, Columbus, Ohio, assignors, by mesne assignments, to Wyeth Incorporated, Philadelphia, Pa. 3,4-Dibromotetrahydrothiophene. 2,411,225; Nov. 19.
Pattilloch, Donald K., Springfield, Mass., assignor of one-half to Chemical Development Company, Chicago, Ill., and one-half to G. B. Fowler, Springfield, Mass. Paper sizing. 2,410,357; Oct. 29.
Pattison, Herbert J., Grosse Pointe Park, assignor to Briggs Manufacturing Company, Detroit, Mich. Making patterns. 2,396,195; Mar. 5.
Patton, James E., Shelbyville, assignor to Davenport-Woosley Processing Corporation, Chattanooga, Tenn. Producing knitted fabrics with locked selvages. 2,401,505; June 4.
Patton, James R., Jr.: *See*—
Truax, Robert C., Stiff, Schubert, Patton, and Youngquist.
Patton, Joseph L.: *See*—
Shaver, Elmor E., and Shaver.
Paul, Christ D., Dearborn, Mich. Adapter for grinding wheels. 2,398,664; Apr. 16.
Paul, Herman L., New Rochelle, N. Y. Valve. 2,394,471; Feb. 5.
Paul, Irving, Chicago, Ill. Combination lock and latch for doors. 2,407,900; Sept. 17.
Paul, Oreas H.: *See*—
Elliot, Donald C., and Paul.
Paul, Peter, Inc., assignee: *See*—
Zeun, Louis H.

Paul, Philip T.: *See*—
Howland, Louis H., and Paul.
Paul, Philip T., Naugatuck, Conn., assignor to United States Rubber Company, New York, N. Y. Chemicals. 2,401,658; June 4.
Paul, Wanda L., New York, N. Y. Flashlight. 2,401,014; May 28.
Paulette, Albert J., Waterville, Maine. Chimney structure. 2,398,393; Apr. 16.
Paulin, Rudolph; *See*—
Kradel, Fred L., and Paulin.
Paulsen, Hans C., Medford, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Sole channel and rib cementer. 2,400,163; May 14.
Paulson, Bernard J., Waukesha, Wis. Thrust ring for propellers. 2,396,340; Mar. 12.
Paulson, Bernard J., Waukesha, Wis. Propeller. 2,413,372; Dec. 31.
Paulus, Charles L., Dayton, Ohio. Insert locking means. 2,395,063; Feb. 19.
Paulus, Charles L., Dayton, and F. A. Cullman, Jr., Osborn, Ohio. Stick control unit. 2,397,978; Apr. 9.
Paulus, Charles L., and R. K. Stout, Dayton, Ohio. Automatic clutch and brake for electric motors and generators. 2,408,808; Oct. 8.
Pauly Jail Building Company, assignee: *See*—
Albrecht, Edmund C., and Cerny.
Pava, Jack R., assignor of one-half to D. F. Pincock, Santa Barbara, Calif. Plaster bandage machine. 2,408,577; Oct. 1.
Pavelka, Joseph, assignee: *See*—
Becker, Lester O.
McCullough, Paul J.
McCullough, Paul J., and Steuber.
Pavelka, Joseph, St. Louis, Mo. Wire connector. 2,398,504; Apr. 16.
Pavey, Clarence A., Seattle, Wash. Airplane tire prerotating means. 2,411,668; Nov. 26.
Pavlecka, Vladimir H.: *See*—
Phelan, Arthur J., and Pavlecka.
Pavlecka, Vladimir H., Pacific Palisades, assignor to Northrop Aircraft, Inc., Hawthorne, Calif. Turbine stator. 2,405,164; Aug. 6.
Pavlecka, Vladimir H., Pacific Palisades, and J. K. Northrop, Los Angeles, assignors to Northrop Aircraft, Inc., Hawthorne, Calif. Airplane power plant. 2,409,446; Oct. 15.
Pavlic, Albert A., Claymont, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Process. 2,408,094; Sept. 24.
Pavlic, Albert A., Claymont, and W. J. Peppel, Wilmington, Del., assignors, by mesne assignments, to Government of the United States, as represented by the Secretary of War. Thiol derivatives. 2,397,689; Apr. 2.
Pavlick, Michael A.: *See*—
Knoth, Fred, Jr., and Pavlick.
Pavlish, Arnold E.: *See*—
Harder, Oscar E., and Pavlish.
Pawlus, Leo J., and N. L. Rossig, Eureka, Calif. Sealing flange for kitchen sinks and like fixtures. 2,397,690; Apr. 2.
Paxman, Edward P., Colchester, England. Valve mechanism of internal-combustion engines. 2,397,882; Apr. 2.
Paxton, Arlie L., executrix, et al.: *See*—
Paxton, John W.
Paxton, George N., assignee, et al.: *See*—
Paxton, John W.
Paxton, John W., assignor of one-third to G. N. Paxton, Bloomington, and one-third to I. R. Cornish, Elmhurst, A. L. Paxton and The National Bank of Bloomington, Bloomington, Ill., executors of said G. N. Paxton, deceased. Filing cabinet. 2,409,308; Oct. 15.
Paxton, John W., Bloomington, and I. R. Cornish, Elmhurst, Ill. Typewriter support. 2,401,181; May 28.
Paxton, John W., Bloomington, and I. R. Cornish, Elmhurst, Ill. Desk attachment. 2,401,182; May 28.
Paxton, John W., Bloomington, and I. R. Cornish, Elmhurst, Ill. Filing Cabinet. 2,405,668; Aug. 13.
Paymer, Joseph, Brooklyn, N. Y. Motor vehicle attachment. 2,406,161; Aug. 20.
Payne, Frank E., Glencoe, assignor to Crane Packing Company, Chicago, Ill. Piston construction. 2,392,182; Jan. 1.
Payne, Frank E., assignor to Crane Packing Company, Chicago, Ill. Seal. 2,403,298; July 2.
Payne, Frank U., Farner, Tenn. Bottle dispensing refrigerator. 2,408,444; Oct. 1.
Payne, John W.: *See*—
Simpson, Thomas P., Payne, and Crowley.
Simpson, Thomas P., Payne, and Evans.
Payne, Grady L.: *See*—
Petry, Theodor A., and Payne.
Payne, John W., assignee: *See*—
Simpson, Thomas P., Payne, and Crowley.
Payne, John W., and E. L. Sargent, Woodbury, and H. G. Daley, Woodbury Heights, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Mixer and distributor. 2,397,326; Mar. 26.
Payne, John W., Woodbury, and Henry D. Noll, Wenonah, and Vladimir A. Kalichevsky, Woodbury, N. J., assignors to Socony Vacuum Oil Company, New York, N. Y. Method of coking oils. 2,403,608; July 9.
Payne, Oscar V., Leicester, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Warp beam. 2,406,434; Aug. 27.
Payne, Oscar V., Leicester, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Warp beam with warp holding means. 2,406,435; Aug. 27.
Payne, Robert T., Upland, Calif. Poultry feeder. 2,408,477; Oct. 1.
Payne, William D., assignee, et al.: *See*—
Phelps, Clarence I.
Payne, William H., La Grange, Ill. Furnace roof construction. 2,401,370; June 4.
Paynter, Horace J., Union, N. J., assignor to American Can Company, New York, N. Y. Machine for making fiber containers. 2,394,007; Feb. 5.
Paynter, Horace J., Union, N. J., assignor to American Can Company, New York, N. Y. Spraying machine. 2,403,994; July 16.
Pazandak, Louis A.: *See*—
Nelson, Walter N., and Pazandak.
Peach, John R., Wichita, Kans. Vehicle suspension. 2,396,528; Mar. 12.
Peacock, Arnold L., Danvers, assignor to Sylvania Electric Products Inc., Salem, Mass. Glow discharge lamp. 2,413,650; Dec. 31.
Peaker, Charles R., Union City, Conn., assignor to United States Rubber Company, New York, N. Y. Creaming of synthetic rubber latices. 2,393,261; Jan. 22.
Peaker, Charles R., Union City, Conn., assignor to United States Rubber Company, New York, N. Y. Articles of rubberlike material. 2,400,164; May 14.
Pealer, Robert B., Garrettsville, assignor to Beaver Pipe Tools, Inc., Warren, Ohio. Abrasive cutoff machine. 2,401,659; June 4.
Pearce, George C., and A. O. Grooms, assignors to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,396,284; Mar. 12.
Peare, William G. M., Cork, Eire, and G. H. B. Yoxon, Erdington, Birmingham, assignors to Dunlop Rubber Company Limited, County of London, England. Production of raw tire stock. 2,411,693; Nov. 26.
Pearis, Samuel H., assignee: *See*—
Rogers, Gerrit P.
Pearle, George, Jackson Heights, assignor to Gilton Products Co., Inc., Kings County, N. Y. Step stool. 2,400,779; May 21.
Pearson, Donald B.: *See*—
Slas, Frederick R., and Pearson.
Pearson, Elmer W., Red Wing, Minn. Micrometer lapping fixture. 2,404,525; July 23.
Pearson, George V., Denver, Colo. Multiple wheel suspension for vehicles. 2,395,640; Feb. 26.
Pearson, Gerald L.: *See*—
Kleimack, Joseph J., and Pearson.
Pearson, Gerald L., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Controllable resistor. 2,396,196; Mar. 5.
Pearson, Henry F.: *See*—
Greene, Edmund, and Pearson.
Pearson, Herbert P., New York, N. Y., assignor to H. B. Bishop, Summit, N. J. Bituminous paved surface and making the same. 2,411,634; Nov. 26.
Pearson, John M., Aldan, Pa., and C. R. Nichols, Dallas, Tex., assignors to Sperry-Sun Well Surveying Company, Philadelphia, Pa. Electrical prospecting method and apparatus. 2,401,371; June 4.
Pearson, Otto H., Salt Lake City, Utah. Heating attachment for horns. 2,409,954; Oct. 22.
Pearson, Swan A., Chicago, Ill. Combustion control apparatus. 2,408,445; Oct. 1.
Pearson, William J., Los Angeles, Calif. Cost computing meter. 2,410,743; Nov. 5.
Pearson, William S., Severna Park, Md., assignor to Peerco, Inc., Park Ridge, Ill. Surface treating machine. 2,398,556; Apr. 16.
Pease, Benjamin F., Jr., Grafton, Mass. Garment supporting belt. 2,392,761; Jan. 8.
Pease, Benjamin F., Jr., Grafton, Mass. Garment lacing. 2,409,381; Oct. 15.
Pease, C. F., Company, The, assignee: *See*—
Brunk, Harold J.
Pease, Charles F., Long Beach, Calif. Vending machine. 2,410,231; Oct. 29.
Pease, Donald C., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Treatment of hydroxyl-containing interpolymers of ethylene. 2,403,465; July 9.
Pease, Fred F.: *See*—
Bodman, John W., and Pease.
Pecher, Charles, Berkeley, Calif., assignor to Research Corporation, New York, N. Y. Transmitting secret intelligence. 2,407,381; Sept. 10.
Pechet, Maurice M., Cambridge, Mass., assignor to Hardy Metallurgical Company, New York, N. Y. Production of metal hydrides. 2,392,545; Jan. 8.
Pechkranz, Rodolphe, Geneva, Switzerland. Projection apparatus. 2,401,506; June 4.
Pechukas, Alphonse, and G. Atkinson, Akron, Ohio, assignors to Pittsburgh Plate Glass Company, Allegheny County, Pa. Preparation of titanium dioxide pigment. 2,394,633; Feb. 12.
Pechy, William, Manasquan, N. J., assignor to American Can Company, New York, N. Y. Sheet separating and feeding mechanism. 2,392,403; Jan. 8.

Peck, Albert C.: *See*—
Fisher, Harmon F., and Peck.
Peck, Edward B., Elizabeth, N. J., assignor, by mesne assignments, to Standard Catalytic Company. Aviation gasoline production. 2,409,382; Oct. 15.
Peck, Garrette W., Pensacola, Fla., assignor to H. W. Taylor, Richmond, Va. Aircraft transport plane. 2,412,285; Dec. 10.
Peck, Ivan G.: *See*—
Owen, William, and Peck.
Peck, Steven P.: *See*—
Bednar, Joseph J., and Peck.
Peck, William F., Buffalo, N. Y., assignor, by mesne assignments, to American Optical Company, Southbridge, Mass. Optical instrument. 2,395,577; Feb. 26.
Peck, William F., Buffalo, N. Y., assignor, by mesne assignments, to American Optical Company, Southbridge, Mass. Projection apparatus. 2,407,511; Sept. 10.
Pecker, Harry, Lynn, Mass. Shoe binding for platform soles. 2,409,892; Oct. 22.
Pecker, Joseph S., Philadelphia, Pa. Amphibian aircraft landing gear. 2,394,472; Feb. 5.
Pecker, Joseph S., Philadelphia, Pa. Aircraft rotor wing construction. 2,410,609; Nov. 5.
Peckham, George T., Jr., assignor to Clinton Company, Clinton, Iowa. Manufacture of syrup. 2,395,907; Mar. 5.
Peckham, George T., Jr., assignor to Clinton Company, Clinton, Iowa. Manufacture of syrup. 2,395,938; Mar. 5.
Peckham, Robert H., U. S. Navy. Photographic developing tank. 2,405,233; Aug. 6.
Peco Manufacturing Corporation, assignee: *See*—
Errig, William F., and De Hart.
Pedersen, Axel V., Los Angeles, Calif. Frame structure. 2,409,383; Oct. 15.
Pedersen, Charles J.: *See*—
Dietrich, Melvin A., and Pedersen.
Pedersen, Charles J., Penns Grove, N. J., and R. O. Bender, Ridley Park, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilization of petroleum hydrocarbons. 2,401,957; June 11.
Pedersen, Hans V., Marshalltown, Iowa. Stationary flash calcining furnace. 2,412,286; Dec. 10.
Pedersen, Morris, San Francisco, Calif. Clutch mechanism. 2,412,006; Dec. 3.
Pedersen, Rasmus P., Cody, Wyo. Lawn mower sharpener. 2,406,162; Aug. 20.
Pedigo, Arthur J., Cookeville, Tenn. Refrigerating apparatus. 2,410,232; Oct. 29.
Pedrick Tool & Machine Company, assignee: *See*—.
Shaw, Ralph M., Jr.
Peed, Garland P., Jr.: *See*—
Kleinhans, Earl S., and Peed.
Peek, Walter E.: *See*—
Garstang, William W., and Peek.
Peel, David H. P.: *See*—
Holroyd, Ronald, and Peel.
Peel, Robert, Painswick, assignor to F. N. F. Limited, Gloucester, England. Knitting elements of knitting machinery. 2,393,931; Jan. 29.
Peerco, Inc., assignee: *See*—
Pearson, William S.
Peerless Machine Company, assignee: *See*—
Ziska, Adam.
Peerless of America Inc., assignee: *See*—
Hoesel, Anthony F.
Peerless Tool and Engineering Company, assignee: *See*—
Andresen, Raymond H.
Peerless Turbine Corporation, assignee: *See*—
Darling, Lewis A.
Peery, Norman E.: *See*—
McAllister, Sumner H., and Peery.
Peery, Norman E., assignor to Shell Development Company, San Francisco, Calif. Isomerization of hydrocarbons. 2,394,803; Feb. 12.
Peff, Peter, Reno, Nev. System for producing acetylene. 2,399,058; Apr. 23.
Peglow, Walter, Mansfield, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Refrigeration apparatus. 2,392,689; Jan. 8.
Pehrson, Nils H. S., Trollhattan, assignor to Hubert O. W. Eigenbrodt, Stockholm, Sweden. Car body. 2,411,226; Nov. 19.
Pellon, Paul, assignor to Salvage & Marine Company of Egypt, S. A. E., Cairo, Egypt. Electric underwater welding. 2,408,175; Sept. 24.
Pelrce, Charles P., assignee: *See*—
Knapp, William G.
Pelrce, Willis M., Lehighton, Pa., assignor to The New Jersey Zinc Company, New York, N. Y. Operating metal retorts. 2,405,445; Aug. 6.
Pelrce, Walter T., Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey. Electric cable. 2,398,447; Apr. 16.
Pelaez, Manuel E., Burzaco, Argentina. Emergency escape panel. 2,392,874; Jan. 15.
Pelcé, Henri, assignor to Saint Freres (Société Anonyme), Paris, France. Device for combing warp threads and tightening the weft thread in a circular weaving loom. 2,398,956; Apr. 23.
Pelcé, Henri, assignor to Saint Freres (Société Anonyme), Paris, France. Device for guiding shuttles on circular weaving looms. 2,398,957; Apr. 23.
Pelikan, Alexander, assignor to Federal Carton Corporation, New York, N. Y. Mechanism for punching to interlock sheets of material. 2,401,270; May 28.
Pelikan, John M., Chicago, Ill., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic control and indication apparatus. 2,392,499; Jan. 8.
Pell, Eric, Shorewood, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Motor controller. 2,399,059; Apr. 23.
Pell, Eric, Shorewood, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Frequency relay circuits. 2,402,573; June 25.
Pelland, Abraham C., assignee, et al.: *See*—
Phelps, Clarence I.
Pellegrin, Elmer D., Woodstock, and J. F. Hennessy, assignors to Geo. D. Roper Corporation, Rockford, Ill. Oven vent construction. 2,396,122; Mar. 5.
Pelletier, Paul E., Jr.: *See*—
Woodstock, Willard H., and Pelletier.
Pellettere, Joseph A., assignor to Gulf Oil Corporation, Pittsburgh, Pa. Level indicator for storage bins or hoppers. 2,398,958; Apr. 23.
Pelphrey, Harry, assignor to Michigan Tool Company, Detroit, Mich. Hob grinder. 2,408,949; Oct. 8.
Pelton, George S., assignee, et al.: *See*—
Swallow, William D.
Pelton, Herbert E., assignee, et al.: *See*—
Swallow, William D.
Pembroke Chemical Corporation, assignee: *See*—
Gooch, Stapleton D.
Penaljo Company, assignee: *See*—
Walsh, John J.
Pence, Robert V., Huntington Park, Calif. Invasion parachute. 2,399,379; Apr. 30.
Pendergrass, James A., Blanchester, Ohio. Heating drum. 2,415,578; Dec. 31.
Pendleton, F. R., assignee, trustee: *See*—
Greenleaf, Robert M., and Hunt.
Pendleton, Wesley W., and L. E. Frost, Pittsburgh, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Semiconducting composition. 2,409,893; Oct. 22.
Pengilly, Lewis, Palo Alto, Calif. Liquid fuel pump. 2,404,983; July 30.
Penick, Arthur J., Houston, Tex. Casing head. 2,400,254; May 14.
Penick, Arthur J., Houston, Tex. Valve assembly. 2,406,099; Aug. 20.
Penn, Carl O., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,410,302; Oct. 29.
Penn Electric Switch Co., assignee: *See*—
De Wilde, Albert N.
Shaw, Burton E.
Shaw, Burton E., and Wood.
Penn, William: *See*—
McKeown, John H., and Penn.
Pennell, John D., Jr.: *See*—
Hitchon, Carl K., and Pennell.
Pennella, Samuel, East Orange, N. J. Surface condenser. 2,394,402; Feb. 5.
Penner, Jacob A., Detroit, Mich. Jack. 2,400,780; May 21.
Penney, Raymond A., assignor to St. Paul Hydraulic Hoist Company, Minneapolis, Minn. Latch mechanism for dump trucks. 2,401,660; June 4.
Pennington, Gordon R., Bloomfield Hills, assignor to Chrysler Coproration, Highland Park, Mich. Power transmitting means. 2,397,368; Mar. 26.
Pennow, Willis A., Cleveland, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control system and apparatus for lamps. 2,412,907; Dec. 17.
Pennsylvania Coal Products Company, assignee: *See*—
Norton, Arthur J.
Pennsylvania Crusher Company, The, assignee: *See*—
Stine, James E., and Borton.
Pennsylvania Engineering Works, assignee: *See*—
McFeaters, Harry L.
Pennsylvania Manufacturing Company, assignee: *See*—
Hallowell, Howard T., Jr.
Pennsylvania Railroad Company, The, assignee: *See*—
Decker, Harry L.
Duer, John V. B.
Jones, Lloyd B.
Keller, William M.
Miller, Robert N., and Grindall.
Silversparre, Gustav A.
Steins, Carleton K.
Pennsylvania Rubber Company, assignee: *See*—
Humphrey, Walter E.
Pennsylvania Salt Manufacturing Company, The, assignee: *See*—
Bareis, Clarence W.
Garverich, Edwin S., and Martin.
Karr, Erroi H.
Penny, Ernest E.: *See*—
Ashmore, Stanley A., and Penny.
Penny, Thomas, Brimstage, Bebington, England, assignor to Lever Brothers Company, Cambridge, Mass. Method and apparatus for treating soap products. 2,391,919; Jan. 1.

Pennybacker, Miles, Westport, Conn. Crystal holder. 2,413,579; Dec. 31.
Penrose, William F., Newark, N. J., assignor to Empire Electric Brake Company. Booster brake mechanism. 2,411,458; Nov. 19.
Penton, Joseph T., Pasadena, Calif. Stencilling. 2,408,578; Oct. 1.
People in the territory of the United States, Dedicated to the free use of the: *See*—
Anderson, Eric A.
Jones, Howard A., and Travis.
Sanders, George P.
Pepersack, Francis J., Towson, assignor to The Glenn L. Martin Company, Middle River, Md. Access door fitting for tanks. 2,406,708; Aug. 27.
Peplin, Joseph, Chicago, Ill. Dispensing tube. 2,398,505; Apr. 16.
Peppel, William J.: *See*—
Pavlic, Albert A., and Peppel.
Signaigo, Frank K., and Peppel.
Peppel, William J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Highly useful compounds. 2,408,095; Sept. 24.
Peppel, William J., and F. K. Signaigo, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical process. 2,402,665; June 25.
Pepper, Foster L., Glenside, Pa., assignor to American Cyanamid Company, New York, N. Y. Dyeing of suede. 2,405,165; Aug. 6.
Peralta, Roberto J., Mexico City, Mexico. Multiple electric fuse plug. 2,401,958; June 11.
Percival, William S., Ealing, London, W. 5, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Method and apparatus for reducing the effect of interference. 2,410,233; Oct. 29.
Percy, Joseph H., New York, N. Y., assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Dispensing container. 2,393,262; Jan. 22.
Perech, Ramon, New York, N. Y. Beverage concentrates and preparing same. 2,393,561; Jan. 22.
Perech, Ramon, New York, N. Y. Beverage concentrates and preparing same. 2,393,562; Jan. 22.
Perfect Circle Company, The, assignee: *See*—
Golden, Lucius D., and Gregg.
Teetor, Ralph R.
Perfection Steel Body Company, The, assignee: *See*—
Seckel, Wallace H.
Perfection Stove Company, assignee: *See*—
Resek, Marc.
Perfetti, John F., Dearborn, and H. E. Waldron, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Electrical machine. 2,407,935; Sept. 17.
Perfex Corporation, assignee: *See*—
Cunningham, Lewis L.
Frerer, Paul G.
Harris, John L.
Malone, Homer E.
Miller, Wayland R.
Pergande, George F., assignor to Zipprodt, Incorporated, Chicago, Ill. Knockdown display. 2,395,578; Feb. 26.
Perignat, Joseph M., Forest Hills, assignor to General Tank Service, Inc., New York, N. Y. Apparatus for the movement of viscous materials. 2,399,249; Apr. 30.
Perkins, Alan J., London, and W. G. Roberts, Hove, assignors, to Simmonds Aerocessories Limited, London, England. Piezoelectric crystal holder. 2,392,690; Jan. 8.
Perkins, Alfred J.: *See*—
Watt, James A., and Perkins.
Perkins, Branch H., Hartsville, Tenn. Pump. 2,395,682; Feb. 26.
Perkins, Charles T., assignor to Modine Manufacturing Company, Racine, Wis. Noncongealing oil cooler construction. 2,410,180; Oct. 29.
Perkins, George C., West Orange, assignor to Federal Telephone and Radio Corporation. Radio tuning mechanism. 2,400,052; May 7.
Perkins, Hiram A., deceased, by S. L. Perkins, Rochester, N. Y., and M. P. Hathaway, of Essex County, N. J., executors, assignors to Setter Bros. Inc., Cattaraugus, N. Y. Apparatus for the manufacture of convoluted rods. 2,406,033; Aug. 20.
Perkins, John L., Arlington, assignor to B. B. Chemical Co., Boston, Mass. Cement. 2,401,015; May 28.
Perkins, John M., Rugby, assignor of one-half to George H. Alexander Machinery Limited, Birmingham, England. Boring bar. 2,400,839; May 21.
Perkins, Kenneth, Scotch Plains, N. J., and M. S. Park, Mount Kisco, N. Y., assignors to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine frame. 2,411,459; Nov. 19.
Perkins Machine and Gear Company, assignee: *See*—
Oakley, John.
Perkins, Melvin A., and C. F. Irwin, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing antimony pentafluoride. 2,410,358; Oct. 29.
Perkins, Melvin A., Wilmington, and P. R. Johnson, Claymont, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of vat dyestuffs of the anthraquinone series. 2,413,514; Dec. 31.
Perkins, Myrle M., Plandome, N. Y., and B. Sellmeyer, Los Angeles, Calif., assignors to The M. W. Kellogg Company, Jersey City, N. J. Hydrocarbon conversion. 2,400,437; May 14.
Perkins, Roderick B., Jr., Houston, Tex., assignor to Petrolite Corporation Ltd., Wilmington, Del. Electric solvent-refining of petroleum. 2,395,011; Feb. 19.
Perkins, Stuart L., et al., executors: *See*—
Perkins, Hiram A.
Perkins, Theodore B., West Orange, N. J., assignor to Radio Corporation of America. Photoelectric system. 2,403,609; July 9.
Perkins, Theodore B., West Orange, N. J., assignor to Radio Corporation of America. Voltage doubler and timer circuit. 2,409,583; Oct. 15.
Perkins, Willard T.: *See*—
Boughton, Olin W., Horsfall, and Perkins.
Perl, Helen N., New York, N. Y. Pattern and forming breast forms. 2,411,388; Nov. 19.
Perm Ltd., assignee: *See*—
Speakman, John B.
Perman, Per E., Stockholm, Sweden. Safety device in screw hoisting blocks. 2,393,120; Jan. 15.
Permanente Cement Company, assignee: *See*—
Sharp, James W.
Permanente Metals Corporation, The, assignee: *See*—
Byrns, Alva C.
Girvin, Murray D., and Detone.
Fisher, Harmon F., and Peck.
Holman, William R.
Oliver, Edwin L., McGuire, Slaughter, and Vettel.
Rhoades, Donald A., and Scheer.
Von Stroh, Gerald.
Perma-Seal Closure Co., assignee: *See*—
Zesbaugh, Lawrence G.
Permo Products Corporation, assignee: *See*—
Imelmann, Henry L.
Permoflux Corporation, assignee: *See*—
Gilman, Wayne H.
Gilman, Webster E.
Permutit Company, The, assignee: *See*—
Goetz, Paul C.
Holmes, Eric L.
Rudolfs, Willem, and Gehm.
Sussman, Sidney.
Tiger, Howard L., and Goetz.
Pernert, John C., assignor to Oldbury Electro-Chemical Co., Niagara Falls, N. Y. Manufacture of perchloric acid. 2,392,861; Jan. 15.
Pernert, John C., assignor to Oldbury Electro-Chemical Co., Niagara Falls, N. Y. Distillation. 2,392,862; Jan. 15.
Pernert, John C., assignor to Oldbury Electro-Chemical Co., Niagara Falls, N. Y. Distillation. 2,400,947; May 28.
Pernet, Joseph E., assignor to Fuel Saver Corporation, Chicago, Ill. Combustion improving apparatus. 2,406,398; Aug. 27.
Perona, John A.: *See*—
Ballard, Seaver A., and Perona.
Perrault, Bros., assignee: *See*—
Perrault, Lewis.
Perrault, Lewis, Tulsa, Okla., assignor of one-half to The Philip Carey Manufacturing Company, and one-half to Perrault, Bros. Roll supporting device. 2,405,446; Aug. 6.
Perri, Angelo, Groveland, assignor to Allied Shoe Machinery Corp., Haverhill, Mass. Relasting machine. 2,409,447; Oct. 15.
Perrin, Francis: *See*—
Goldstein, Ladislas, and Perrin.
Perrin, William W., Albany, assignor to Ted Nelson, San Leandro, Calif. Welding arc stabilizer. 2,406,474; Aug. 27.
Perrine, Charles D., Jr., North Hollywood, Calif., assignor to Hughes Tool Company, Houston, Tex. Aircraft. 2,394,259; Feb. 5.
Perrine, John H.: *See*—
Johnson, Herbert L., and Perrine.
Perrine, John H., Prospect Park, assignor to Sun Oil Company, Philadelphia, Pa. Halogenated amides. 2,394,871; Feb. 12.
Perrine, John H., Prospect Park, and H. L. Johnson, Norwood, assignors to Sun Oil Company, Philadelphia, Pa. Modified alkyd resins. 2,407,766; Sept. 17.
Perry, Edmond S.: *See*—
Hickman, Kenneth C. D., and Perry.
Perry, Donald B.: *See*—
Pierce, Ralph E., and Perry.
Perry, Ernest E., Worcester, Mass. Folding slide. 2,396,341; Mar. 12.
Perry, J. Franklin, assignee, et al.: *See*—
Moran, Terence J.
Perry, John R., assignor to Dexter Folder Company, Pearl River, N. Y. Sheet separator and method. 2,402,442; June 18.
Perry, John S. C., and A. T. Prince, Kilmar, Quebec, assignors to Canadian Refractories, Limited, Montreal, Quebec, Canada. Bonded refractory for furnace linings. 2,410,359; Oct. 29.
Perry, Leo, Whitewater, Wis. Seaming machine. 2,394,473; Feb. 5.

Perry, Nelson I., Chicago, Ill. Combined foot brake and accelerator. 2,411,167; Nov. 19.
Perry, Patrick O., Halifax, Nova Scotia, Canada. Window blind fixture. 2,392,337; Jan. 8.
Perry, Robert M., Coeur d'Alene, Idaho. Cartridge carrier. 2,397,200; Mar. 26.
Perry, Robert M., Coeur d'Alene, Idaho. Cartridge carrier. 2,413,580; Dec. 31.
Perry, Stanley: *See*—
Hayter, Bruce, and Perry.
Perry, Stanley Z.: *See*—
Greensfelder, Bernard S., and Perry.
Perry, Winthrop L.: *See*—
Abbott, Edward J., Perry, and Ring.
Persons, Charles A., Worcester, Mass., assignor to Persons-Majestic Manufacturing Company. Pedal construction. 2,399,888; May 7.
Persons, Ernest L., Meriden, Conn. Ash receiver and sifter. 2,404,593; July 23.
Persons, L. M., Corporation, assignee: *See*—
Persons, Lawrence M.
Persons, Lawrence M., Ladue, assignor to L. M. Persons Corporation, St. Louis, Mo. Thermal control apparatus. 2,392,613; Jan. 8.
Persons, Lawrence M., Ladue, assignor to L. M. Persons Corporation, St. Louis, Mo. Making thermostatic elements. 2,392,943; Jan. 15.
Persons, Lawrence M., Ladue, assignor to McQuay-Norris Manufacturing Company, St. Louis, Mo. Control apparatus. 2,404,455; July 23.
Persons, Lawrence M., Ladue, assignor to McQuay-Norris Manufacturing Company, St. Louis, Mo. Solenoid. 2,407,963; Sept. 17.
Persons-Majestic Manufacturing Company, assignee: *See*—
Persons, Charles A.
Persson, Per O., South Bend, Ind., and C. W. Spohr, Chicago, Ill., assignors to the United States of America, as represented by the Secretary of War. Testing machine for metallic cartridge belt links. 2,405,098; July 30.
Persson, Per O., South Bend, Ind., and C. W. Spohr, assignors to United States Government, as represented by the Secretary of War and his successors in office. Feed structure for cartridge belt links. 2,405,447; Aug. 6.
Peschardt, William J. S., Pinner, England. Manufacture of artificial edible cherries, soft sheets, and the like. 2,403,547; July 9.
Pesco Products Co., assignee: *See*—
Cardillo, Joseph S.
Compton, James A., and Horn.
Greenwood, Robert P.
Harpster, Harry H.
Holt, Ray G.
Lauck, John A.
Oliver, Delbert S.
Oliver, Delbert S., and Kanuch.
Rockwell, Edward A.
Rockwell, Edward A., and Roth.
Salisbury, Roy G.
Pesin, Daniel, Wilde, Argentina. Socket for fluorescent lamps. 2,410,997; Nov. 12.
Peter, Friedrich A., Palampur, British India. Water closet. 2,401,098; May 28.
Peter, Gustave C., Wauwatosa, Wis. Oil burner. 2,400,131; May 14.
Peter, John P. C., Westfield, N. J., assignor to American Cyanamid Company, New York, N. Y. Making gypsum cement. 2,412,170; Dec. 3.
Peter, Kurt, assignor to Ralph Kurt Peter, Bronx, N. Y. Collapsible table. 2,406,436; Aug. 27.
Peter, Ralph K., assignee: *See*—
Peter, Kurt.
Peterkin, Albert G., Bryn Mawr, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Conversion of hydrocarbons. 2,396,285; Mar. 12.
Peterman, William W., Wilkes-Barre, Pa. Card game. 2,409,584; Oct. 15.
Peters, Adolph T., assignor to The Dow Chemical Company, Midland, Mich. Cast ingot. 2,410,837; Nov. 12.
Peters, Arthur W.: *See*—
Turin, John J., and Peters.
Peters, Carl, St. Louis, Mo. Muffler. 2,402,078; June 11.
Peters, Carl E., assignor to B-L Electric Manufacturing Company, St. Louis, Mo. Forming selenium coated base plates. 2,412,692; Dec. 17.
Peters, Carl F.: *See*—
Hyman, Julius, and Peters.
Jones, Jean P.
Schulze, Walter A., and Axe.
Peters, D. L., assignee: *See*—
Morris, Charles L.
Peters, Everett E., assignee, et al.: *See*—
Zorich, Stephen.
Peters, Francis A., St. Louis, Mo. Gauge. 2,400,840; May 21.
Peters, Franklin T., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Film manufacture. 2,405,977; Aug. 20.
Peters, Gerhard W., Akron, Ohio. Circuit breaker with magnetic arc extinguishing means. 2,411,892; Dec. 3.
Peters, Gerhard W., Akron, Ohio. Controlling arcs. 2,411,893; Dec. 3.
Peters, Gerhard W., Akron, Ohio. Arc extinguishing chamber for circuit breakers. 2,411,894; Dec. 3.
Peters, John F., Leonia, N. J., assignor to American Can Company, New York, N. Y. Can end assembling machine. 2,399,250; Apr. 30.
Peters, John F., Edgewood, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Gunfire control system. 2,403,117; July 2.
Peters, John F., Leonia, N. J., assignor to American Can Company, New York, N. Y. Making fiber container bodies. 2,403,995; July 16.
Peters, John G.: *See*—
Smith, Herschel G., Cantrell, and Peters.
Peters, Leo, Evanston, Ill. Ink container. 2,400,209; May 14.
Peters, Leo R., Cleveland Heights, Ohio, assignor to General Electric Company. Coiled filament or cathode and its manufacture. 2,394,474; Feb. 5.
Peters, Lewis H., assignee: *See*—
Auger, Henry F.
Peters, Malcolm R., San Mateo, Calif. Stretcher. 2,410,181; Oct. 29.
Peters, Melville F., Beltsville, Md., and A. A. Beal, Washington, D. C., assignors to Fred I. McCarthy, Forest Hills, N. Y. Reclaiming crankcase oil. 2,399,140; Apr. 23.
Peters, Melville F., Beltsville, Md., and J. J. Phillips, Irvington, assignors to Titefex, Inc., Newark, N. J. Electric fuse. 2,411,460; Nov. 19.
Peters, Theodore J., Jr.: *See*—
Young, David W., and Peters.
Peters, Tom J., Riverdale, N. J., assignor to Carnegie-Illinois Steel Corporation. Water cooled furnace door. 2,395,757; Feb. 26.
Petersen, Carl J., Moline, Ill. Concealed door hinge. 2,395,501; Feb. 26.
Petersen, Heinrich: *See*—
Florian, Ernst, Petersen, and Christian.
Petersen, Louis S., Forest Hills, assignor to F. L. Smidth & Co., New York, N. Y. Mill. 2,396,057; Mar. 5.
Petersen, Louis S., Forest Hills, assignor to F. L. Smidth & Co., New York, N. Y. Material treating apparatus. 2,399,570; Apr. 30.
Peterson, Adolphe C., Minneapolis, Minn. Coin controlled multiple certificate and printing means. 2,411,805; Nov. 26.
Peterson, Alfred T., Minneapolis, Minn. Push mower. 2,407,767; Sept. 17.
Peterson, Amos, Berwyn, assignor to Club Aluminum Products Company, Chicago, Ill. Handle for cooking utensils. 2,395,140; Feb. 19.
Peterson, Arthur G., Chicago, Ill. Attachment for steel tapes. 2,396,877; Mar. 19.
Peterson, Carl D., and A. H. Deimel, Toledo, Ohio. Fluid seal. 2,392,763; Jan. 8.
Peterson, Carl D., and A. H. Deimel, Toledo, Ohio. Balking ring clutch. 2,394,098; Feb. 5.
Peterson, Carl D., and A. H. Deimel, Toledo, Ohio. Transmission mechanism (balking ring clutch assembly). 2,394,099; Feb. 5.
Peterson, Carl D., and A. H. Deimel, Toledo, Ohio. Automatic torque converter transmission. 2,397,883; Apr. 2.
Peterson, Carl D., and A. H. Deimel, Toledo, Ohio. Control system for change-speed transmission gearing. 2,399,567; Apr. 30.
Peterson, Carl D., and A. H. Deimel, Toledo, Ohio. Transmission mechanism. 2,399,568; Apr. 30.
Peterson, Carl D., and E. W. Zingsheim, Toledo, Ohio. Synchronizing clutch. 2,399,569; Apr. 30.
Peterson, Carl D., and R. R. Burkhalter, Toledo, Ohio. Synchronizing clutch construction. 2,409,148; Oct. 8.
Peterson, Carl D., and A. H. Deimel, assignors, to Spicer Manufacturing Corporation, Toledo, Ohio. Balking ring clutch. 2,392,762; Jan. 8.
Peterson, Clarence J.: *See*—
Peterson, Clarence L. and C. J.
Peterson, Clarence J., assignor to Kingsburg Cotton Oil Co., Kingsburg, Calif. Dust collector. 2,407,722; Sept. 17.
Peterson, Clarence L. and C. J., Salt Lake City, Utah. Method and apparatus for filtration. 2,403,021; July 2.
Peterson, Donald W.: *See*—
Brown, George H., and Peterson.
Peterson, Donald W., Princeton, N. J., assignor to Radio Corporation of America. Standing wave indicator for radio frequency transmission lines. 2,400,597; May 21.
Peterson, Donald W., Princeton, N. J., assignor to Radio Corporation of America. Radio frequency switch. 2,407,847; Sept. 17.
Peterson, Donald W., Princeton, N. J., assignor to Radio Corporation of America. Broad band radiator. 2,411,976; Dec. 3.
Peterson, Du Wayne J., Grosse Pointe, Mich., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Burner control system. Re. 22,760; May 28.
Peterson, Edgar A., deceased, by J. A. Cochran, administrator, Baltimore, Md., assignor to Lynch and Company, St. Louis, Mo. Diacetoxymercurinitro guaiacol. 2,392,801; Jan. 8.
Peterson, Edward S., Elmwood Park, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Electrically controlled camera diaphragm. 2,393,407; Jan. 22.

Peterson, Edward S., Elmwood Park, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Electrically controlled iris diaphragm. 2,393,408; Jan. 22
Peterson, Edward S., Elmwood Park, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Apparatus for controlling the release of bombs from aircraft. 2,396,197; Mar. 5.
Peterson, Edward S., Elmwood Park, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Telemetric system. 2,411,889; Nov. 19.
Peterson, Edwin P.: *See*—
Kebrich, Leonard M., and Peterson.
Peterson, Eric W., Glen Ellyn, assignor to Ditto, Incorporated, Chicago, Ill. Sheet moistening device for duplicating machines. 2,407,443; Sept. 10.
Peterson, Ernest G., assignor to Hercules Powder Company, Wilmington, Del. Alkyd resin. 2,399,692; May 7.
Peterson, Frank C., Randolph, Mass. Adjustable eraser. 2,403,235; July 2.
Peterson, Fredolph T.: *See*—
Rabens, Fred T.
Peterson, George S.: *See*—
Walsh, Bruce R., and Peterson.
Peterson, Harold F.: *See*—
Whittaker, Lloyd A., and Peterson.
Peterson, Harold O., Riverhead, N. Y., assignor to Radio Corporation of America. Pulse modulation receiver. 2,392,546; Jan. 8.
Peterson, Harold O., Riverhead, N. Y., assignor to Radio Corporation of America. Resonant line and associated circuits. 2,402,443; June 18.
Peterson, Harry L., Hohokus, assignor to Lotte Chemical Company, Paterson, N. J. Pickling bath for ferrous metals and inhibitor for use therein. 2,392,404; Jan. 8.
Peterson, Howard B., and R. E. Renard, San Francisco, Calif., assignors to American Can Company, New York, N. Y. Closing machine. 2,397,979; Apr. 9.
Peterson, Justin, Swampscott, Mass., assignor to General Electric Company. Regulator. 2,403,393; July 2.
Peterson, Merlin D., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymerization catalysts. 2,391,920; Jan. 1.
Peterson, Merlin D., and A. G. Weber, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Ethylene-acetal reaction product. 2,395,292; Feb. 19.
Peterson, Oscar R., Peoria, and L. L. Hyler, Washington, Ill., assignors to R. G. Le Tourneau, Inc., Stockton, Calif. Adjustable push grader. 2,408,268; Sept. 24.
Peterson Oven Company, The, assignee: *See*—
Cook, John Y.
Peterson, Perry M., Moline, Ill. Clothes tongs. 2,397,288; Mar. 26.
Peterson, Robert A., Haddonfield, N. J., assignor to Radio Corporation of America. Noise squelch system. 2,400,948; May 28.
Peterson, Ruben O., University Heights, assignor to The Osborn Manufacturing Company, Cleveland, Ohio. Rotary brush. 2,409,309; Oct. 15.
Peterson, Victor E., assignor to The Kawneer Company, Niles, Mich. Preparing aluminum alloys for heat treatment. 2,409,384; Oct. 15.
Peterson, Walter H.: *See*—
Bailey, William A., Jr., and Peterson.
Greensfelder, Bernard S., and Peterson.
Peterson, Walter L., Milwaukee, Wis. Fish lure. 2,395,641; Feb. 26.
Peterson, Wesley R., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Reaction of 1,3-dienes with polyhalogenated alkanes and products thereof. 2,401,099; May 28.
Peterson, William R., Oswego, assignor to St. Regis Paper Company, New York, N. Y. Valve bag filling, weighing, and discharging apparatus. 2,408,225; Sept. 24.
Peterson, William R., assignor to Vapor Car Heating Company, Inc., Chicago, Ill. Thermostatic controller for water temperature. 2,408,269; Sept. 24.
Petit, Laurence A., Chicago, Ill. Carbon pack for manifolding typewriters. 2,393,409; Jan. 22.
Petit, William H.: *See*—
Clary, Hugh L., and Petit.
Petkwitz, Carl F., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,406,629; Aug. 27.
Petonhoff, Justin D., New York, N. Y. Life raft release. 2,406,250; Aug. 20.
Petri, Frederick W., Mahwah, N. J. Vacuum cleaning apparatus. 2,397,980; Apr. 9.
Petrie, James A., Derby, England. Damping arrangement for vehicle suspension systems. 2,412,533; Dec. 10.
Petrie, John W., assignor to Petrie-Lewis Manufacturing Co., Inc., New Haven, Conn. Wand. 2,407,723; Sept. 17.
Petrie-Lewis Manufacturing Co., Inc., assignee: *See*—
Petrie, John W.
Petroe, Gregory A., Kenmore, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Unloading device. 2,393,932; Jan. 29.
Petrolite Corporation, assignee: *See*—
De Groote, Melvin, and Keiser.
Petrolite Corporation, Ltd., assignee: *See*—
Blair, Charles M., Jr.
Brace, Paul H.
De Groote, Melvin.
De Groote, Melvin, and Keiser.
De Groote, Melvin, Keiser, and Wirtel.
Mahone, Francis D.
Monson, Louis T.
Monson, Louis T., and Shepard.
Monson, Louis T., Anderson, and Jenkins.
Perkins, Roderick B., Jr.
Roberts, Claudius H. M.
Waterman, Logan C.
Petrovic, Frank, assignor to E. J. Brach & Sons, Chicago, Ill. Chocolate dipped peanut attachment. 2,406,437; Aug. 27.
Petrovich, Joseph J., Trenton, N. J. Combined coupling for railway vehicles and the like. 2,395,426; Feb. 26.
Petry, Charles B., Fair Lawn, assignor to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Vacuum chuck for glass lathes. 2,398,959; Apr. 23.
Petry, John, Bayside, Long Island, assignor to Raylite Electric Corp., Bronx, N. Y. Device for producing ornamental and decorative bubble lighting effects. 2,412,171; Dec. 3.
Petry, Theodor A., Wenonah, and H. K. Holm, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Separating hydrocarbons. 2,400,654; May 21.
Petry, Theodor A., Wenonah, and G. L. Payne, Clarksboro, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Separation of styrene from ethyl benzene by azeotropic distillation. 2,411,106; Nov. 12.
Petschauer, Edward F., Cleveland, Ohio. Page end indicator for typewriters. 2,404,861; July 30.
Petsche, Joseph D., Cleveland, Ohio. Collet tube collar. 2,397,561; Apr. 2.
Petsche, Joseph D., Cleveland, Ohio. Crane. 2,401,881; June 11.
Pett, Alfred W., Glencoe, Ill. Control apparatus. 2,399,938; May 7.
Petter, William E. W., Yeovil, W. M. Widgery, near Yeovil, and S. T. A. Richards, Yeovil, assignors to Dunlop Rubber Company Limited, London, England. Inflatable gasket. 2,401,624; June 4.
Petterson, Reinhardt, Whitestone, N. Y., assignor to Robins Conveyors Incorporated, Passaic, N. J. Belt conveyer drive. 2,393,563; Jan. 22.
Pettibone, George: *See*—
Swingle, Artro W., Pettibone and Dill.
Pettibone, George H., Scotia, N. Y., assignor to General Electric Company. Electric motor control system. 2,394,100; Feb. 5.
Pettit, Earl L., Winfield, Kans. Garment finisher. 2,412,172; Dec. 3.
Petty, Olive S., assignee: *See*—
Mayne, William H.
Parr, Josephus O., Jr.
Petty, Olive S., San Antonio, Tex. Seismic surveying. 2,395,427; Feb. 26.
Petty, Olive S., San Antonio, Tex. Seismic apparatus and method. 2,408,478; Oct. 1.
Petty, Olive S., San Antonio, Tex. Seismic surveying. 2,410,303; Oct. 29.
Petty, Olive S., San Antonio, Tex. Measuring instrument. 2,413,651; Dec. 31.
Petty, William E., Altoona, Iowa. Animal trap. 2,396,472; Mar. 12.
Petzold, Earl E., Burbank, Calif. Machine. 2,407,512; Sept. 10.
Petzold, Earl E., Burbank, Calif. Vane motor. 2,407,901; Sept. 17.
Pevere, Ernest F.: *See*—
Hatch, George B., Pevere, Clarke, and Bruner.
Pevere, Ernest F., Beacon, assignor to The Texas Company, New York, N. Y. Alkylation of isoparaffins with ethylene. 2,406,709; Aug. 27.
Pevere, Ernest F., Beacon, assignor to The Texas Company, New York, N. Y. Catalytic conversion of hydrocarbons. 2,411,054; Nov. 12.
Pevere, Ernest F., Beacon, and L. A. Clarke and G. B. Hatch, Fishkill, assignors to The Texas Company, New York, N. Y. Alkylation of hydrocarbons. 2,396,198; Mar. 5.
Peycke, Armand H., and R. G. Aurien, assignors to American Steel Foundries, Chicago, Ill. Integral brake element. 2,392,291; Jan. 1.
Peyer, Julius: *See*—
Stoll, Arthur, Morf, and Peyer.
Pezzaglia, Philip: *See*—
Ross, William E., and Pezzaglia.
Pfaff, Ernest R., assignor, by mesne assignments, to Admiral Corporation, Chicago, Ill. Combined limiter and squelch circuit. 2,405,845; Aug. 13.
Pfann, Harry F., and E. L. Kropa, Old Greenwich, Conn., assignors to American Cyanamid Company, New York, N. Y. Polymerization of methallyl alcohol. 2,401,959; June 11.
Pfanstiehl Chemical Company, assignee: *See*—
Chandler, Bruce C., and Bell.
Pfau, Emert S., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Acceleration of the polymerization of butadiene-1,3 hydrocarbons. 2,397,201; Mar. 26.

Pfau, Howard, Cincinnati, Ohio. Men's neckwear. 2,411,753; Nov. 26.
Pfeffer, Edward C., Jr., and W. Kltaj, assignors to Cluett Peabody & Co., Inc., Troy, N. Y. Stabilizing wool. 2,395,791; Feb. 26.
Pfeffer, Edward C., Jr., and J. A. Tweed, Troy, and J. Jarmak, White Plains, assignors to Cluett, Peabody & Co., Inc., Troy, N. Y. Stabilized fabric and making the same. 2,409,894; Oct. 22.
Pfeffer, Edward C., Jr., and J. Epelberg, assignors to Cluett, Peabody & Co., Troy, N. Y. Textile material and preparing it. 2,412,832; Dec. 17.
Pfeiffer, Andrew: *See*—
Findlay, John H., Dawley, and Pfeiffer.
Slack, Charles M., Dawley, and Pfeiffer.
Slack, Charles M., Pfeiffer, and Dawley.
Pfeiffer, Conrad L.: *See*—
Lea, George D., and Pfeiffer.
Pfeiffer, John H., Oreland, assignor, by mesne assignments, to Philco Radio and Television Corporation, Philadelphia, Pa. Refrigerator shelf. 2,400,438; May 14.
Pfeiffer, Paul, Hamburg-Altona, Germany; vested in the Alien Property Custodian. Regulating device for pile-driver monkeys. 2,392,061; Jan. 1.
Pfeiffer, William C., assignor to The Egry Register Company, Dayton, Ohio. Controller attachment for addressing machines. 2,396,199; Mar. 5.
Pfeil, Leonard B., Edgbaston, Birmingham, England, assignor to The International Nickel Company, Inc., New York, N. Y. Spark plug electrode. 2,392,944; Jan. 15.
Pfeil, Leonard B., Birmingham, England, assignor to The International Nickel Company, Inc., New York, N. Y. Electric resistance elements and the like. 2,400,255; May 14.
Pfeil, Leonard B., Edgbaston, Birmingham, England, assignor to International Nickel Company Inc., New York, N. Y. Spark plug electrode. 2,406,966; Sept. 3.
Pfeil, Leonard B., Edgbaston, Birmingham, England, assignor to The International Nickel Company, Inc., New York, N. Y. Electrolytic polishing and removing excess metal. 2,412,058; Dec. 3.
Pfeilsticker, Carl S., Jenkintown, Pa., assignor to F. J. Stokes Machine Company. Method of and machine for molding. 2,394,260; Feb. 5.
Pfent, Frank, St. Clair, Mich. Spring floor closer. 2,411,635; Nov. 26.
Pfiffner, Joseph J., Ann Arbor, and S. B. Binkley, E. S. Bloom and A. D. Emmett, assignors to Parke, Davis & Company, Detroit, Mich. Antianemia vitamin products. 2,407,096; Sept. 3.
Pfingsten, August F., Rock Rapids, Iowa. Tractor operated post driver. 2,407,444; Sept. 10.
Pfleumer, Hans, New Brunswick, N. J., assignor to Rubatex Products, Inc., New York, N. Y. Making high-pressure closed cell rubber. 2,395,293; Feb. 19.
Pfleumer, Hans, New Brunswick, N. J., assignor to Rubatex Products, Inc., New York, N. Y. Reinforced buoyant rubber disk. 2,404,594; July 23.
Pfost, Lester S., assignor to The Massey-Harris Company, Racine, Wis. Hydraulic lift. 2,397,042; Mar. 19.
Pfouts, James B., assignee: *See*—
Feather, David C.
Pfuntner, Richard A., Saugus, and E. D. Wilson, Brookline, Mass., assignors to General Electric Company. Magnetic compass deviation compensator. 2,405,050; July 30.
Phair, Robert S.: *See*—
Fetcher, John R., and Phair.
Pharo, Lee C., Thetford Mines, Quebec, Canada, assignor to Johnson's Company, Thetford, West, Quebec, Canada. Asbestos fluffing. 2,402,203; June 18.
Phelan, Arthur J., and V. H. Pavlecka, Pacific Palisades, assignors to Northrop Aircraft, Inc., Hawthorne, Calif. Apparatus for assembling centrifugal impellers. 2,402,204; June 18.
Phelan, Arthur J. and V. H. Pavlecka, Pacific Palisades, assignors to Northrop Aircraft, Inc., Hawthorne, Calif. Turbine blade and assembly thereof. 2,410,588; Nov. 5.
Phelon, Russell E., assignor to Wico Electric Company, West Springfield, Mass. Magneto. 2,392,500; Jan. 8.
Phelps, Clarence I., assignor of one-half to W. D. Payne, Bellingham, and one-half to A. C. Pelland, Mount Vernon, Wash. Detent. 2,397,981; Apr. 9.
Phelps, Clyde H., assignor to Weaver Manufacturing Company, Springfield, Ill. V-bearing. 2,402,205; June 18.
Phelps Dodge Corporation, assignee: *See*—
Barker, Lyle M., and Lewis.
Gambitta, Alfred F.
Tuwiner, Sidney B., and Osborn.
Phelps, George H.: *See*—
Murray, Thomas E., Phelps, and Frischmann.
Phelps, George H., Catonsville, Md., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electrical positioning system. 2,409,895; Oct. 22.
Phelps, George H., Floral Park, assignor to Metropolitan Device Corporation, Brooklyn, N. Y. Dehydrator. 2,410,129; Oct. 29.
Phelps, Guy W., and H. C. Black, assignors to Industrial Patents Corporation, Chicago, Ill. Deodorization. 2,407,616; Sept. 10.
Phelps, Walter A., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Carrier wave signaling system. 2,406,034; Aug. 20.
Phelps, William H., Ralston, Nebr. Lawn mower blade. 2,403,236; July 2.
Phenix Manufacturing Company, Inc., assignee: *See*—
Buehner, Christ.
Philadelphia Quartz Company, assignee: *See*—
Baker, Chester L., and Sams.
Philco Corporation, assignee: *See*—
Albright, Robert B.
Bradley, William E.
Bradley, William E., and Johnson.
Carson, George L.
Chartland, Albert H.
Clapp, Richard G.
Clum, Henry W.
Brown, Reynolds D., Jr.
Emerson, Kenneth H.
Jones, Welton P.
Miller, David J., Jr.
Seher, Henry W.
Spielman, Sterling C.
Stephan, Ingo L.
Tilley, John W.
van Doren, Harold.
Vansant, John S.
Philco Radio and Television Corporation, assignee: *See*—
Bingley, Frank J.
Bingley, Frank J., and Moore.
Bradley, William E.
Dailey, Donald E.
Dolberg, Charles E.
Neyzi, Ahmet H.
Nichol, Arthur Y.
Pfeiffer, John H.
Schreiner, Louis W.
Thompson, Elmer O.
Whipple, Richard J.
Philip Carey Manufacturing, The, assignee: *See*—
Fasold, George A., and Greider.
Philipp, Lawrence A., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,401,793; June 11.
Philipp, Lawrence A., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,410,360; Oct. 29.
Philipp, Lawrence A., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,411,461; Nov. 19.
Philippar, Donald T., Sturgis, S. Dak. Ski structure. 2,392,098; Jan. 1.
Phillimore, Charles E., assignor to The Bell & Howell Company, Chicago, Ill. Retarded action electric switch. 2,392,183; Jan. 1.
Phillippi, Matthew H., assignor to Brown & Bigelow, St. Paul, Minn. Flexible reflex reflecting film. 2,403,752; July 9.
Phillips, Albert J., Plainfield, and Y. E. Lebedeff and J. R. Crandall, Metuchen, N. J., assignors to American Smelting and Refining Company, New York, N. Y. Producing elemental selenium. 2,413,374; Dec. 31.
Phillips, Alvin W., Mackinaw, Ill. Cooking utensil. 2,403,191; July 2.
Phillips, Andrew J.: *See*—
Phillips, Finis L. and A. J.
Phillips, Burdette H.: *See*—
Daly, George F., and Phillips.
Phillips Control Corporation, assignee: *See*—
Wasserlein, Henry G.
Phillips, Dwight M., Fullerton, assignor to Chiksan Tool Company, Brea, Calif. Swivel coupling. 2,394,715; Feb. 12.
Phillips, Dwight M., Fullerton, assignor to Chiksan Tool Company, Brea, Calif. Fluid conducting swivel joint. 2,396,123; Mar. 5.
Phillips, Dwight M., Fullerton, assignor to Chiksan Tool Company, Brea, Calif. Swivel joint. 2,399,823; May 7.
Phillips, Dwight M., Fullerton, assignor to Chicksan Tool Company, Brea, Calif. Electrical conducting swing joint. 2,407,445; Sept. 10.
Phillips, Dwight M., Fullerton, assignor to Chiksan Tool Company, Brea, Calif. Hub for hose reels and the like. 2,412,287; Dec. 10.
Phillips, Eugene H. J., Fort Worth, Tex. Instrument landing system. 2,393,337; Jan. 22.
Phillips, Finis L., Mineral Wells, Tex., and A. J. Phillips, Tucson, Ariz. Electrical multiple instrument system. 2,392,184; Jan. 1.
Phillips, Harold P., assignor to Hastings Manufacturing Company, Hastings, Mich. Piston. 2,403,455; July 9.
Phillips, Harold P., assignor to Hastings Manufacturing Company, Hastings, Mich. Piston ring assembly element and making. 2,404,862; July 30.
Phillips, Henry F., assignor to Phillips Screw Company, Portland, Oreg. Screw. 2,402,342; June 18.
Phillips, Herman C., Wilmington, Del., and Philip F. Robb, Birmingham, Mich., assignors to Hercules Powder Company, Wilmington, Del. Protective covering for metal articles and method of applying. 2,394,101; Feb. 5.

Phillips, John G., executor, et al.: *See*—
Fuller, Frederick L.
Phillips, John H., Chicago, Ill. Drill chuck. 2,399,939; May 7.
Phillips, John J.: *See*—
Peters, Melville F., and Phillips.
Phillips, John W., El Campo, Tex. Combined teller and customer booth. 2,405,710; Aug 13.
Phillips-Jones Corporation, assignee: *See*—
Skinkle, John H., and Weinstein.
Phillips, Kenneth G., Los Angeles, Calif. Ring groove cleaner for pistons. 2,412,748; Dec. 17.
Phillips, Lee A., Clayton, N. Y. Throttle and pressure control. 2,399,505; Apr. 30.
Phillips, Maxwell E., Stockton, Calif. Transport tower. 2,408,151; Sept. 24.
Phillips, Michael J., Middle River, assignor to The Glenn L. Martin Company, Baltimore, Md. Gun turret. 2,396,529; Mar. 12.
Phillips Petroleum Company, assignee: *See*—
Axe, William N.
Bailey, Grant C.
Blumer, Donald R.
Buddrus, Edward, and Carney.
Bunn, George P.
Cantrell, Cyrus D., Jr.
Carney, Samuel.
Crawford, Francis W.
Crites, Wilbur J.
Doan, Richard L.
Doualin, Donald R., and Weinaug.
Drennan, Harry E.
Dutcher, Harris A.
Foster, Arch L.
Freund, Robert R.
Frey, Frederick E.
Frey, Frederick E., Hepp, and Morey.
Frey, Frederick E., and Snow.
Garretson, Owen L.
Garretson, Owen L., St. Clair, and Olson.
Guyer, Jesse A.
Hachmuth, Karl H.
Hachmuth, Karl H., and Blaker.
Henry, Robert W.
Hepp, Harold J.
Hillyer, John C., and Drennan.
Ibach, Gerald A., and Tate.
Jones, Jean P.
Katz, Donald L.
Kleiss, Louis D.
Krucler, Allen D.
Latchum, John W., Jr.
Latchum, John W., Jr., and Connors.
Legatski, Harold R.
Loy, John W.
Mahan, John E.
Markley, Howard R.
Matuszak, Maryan P.
Matuszak, Maryan P., and Morey.
Mayland, Bertrand J.
Mertz, Valentine.
Messmore, Harold E.
Montgomery, James V., Goodson, and Henry.
Neuhart, Frederick C.
Patterson, Robert J.
Pickett, Armand D.
Ray, Gardner C.
Reading, George R.
Ringham, Clarence R.
Rippeteau, Walter L., Jr.
Roach, Wendell W., and Blaker.
St. Clair, Theodore A.
St. Clair, Theodore A., Sievers, and Olson.
Scarth, Virgil.
Schulze, Walter A.
Schulze, Walter A., and Alden.
Schulze, Walter A., and Helmers.
Schulze, Walter A., and Hillyer.
Schulze, Walter A., and Lyon.
Schulze, Walter A., and Short.
Sievers, Carl F.
Sperberg, Lawrence R.
Upham, John D.
Wagner, Cary R.
Word, James C., Jr., and Sims.
Welling, Charles E.
Whaley, Thomas H., Jr.
Wolk, I. Louis.
Wolk, I. Louis, and Upham.
Phillips, Robert C.: *See*—
Nelson, Philip R., and Phillips.
Phillips Screw Company, assignee: *See*—
Phillips, Henry F.
Phillips, Warren E., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Vulcanization of synthetic rubber. 2,396,967; Mar. 19.
Phillips, William M., Jr., assignor to The Udylite Corporation, Detroit, Mich. Torch for welding thermoplastic material. 2,396,968; Mar. 19.
Phillips, Willis E., Deerfield, assignor to Zenith Radio Corporation, Chicago, Ill. Neutralized radio-frequency amplifier. 2,404,188; July 16.
Phillipson, Herbert S., Milwaukie, Oreg. Retort. 2,398,446; Apr. 16.
Phillipson, Maddison: *See*—
Jones, David G., and Phillipson.
Philpotts, George C.: *See*—
Bangham, Donald H., Bennett, Brown, Hirst, Pirani, and Philpotts.
Phipps, Charles A., Hartsdale, N. Y. Hair drying process. 2,392,405; Jan. 8.
Phipps, Raymond E.: *See*—
Geohegan, William A., and Phipps.
Photo-Positive Corporation, assignee: *See*—
Crouse, George B., and Holt.
Crouse, George B., Holt, and Jatlow.
Photoswitch Incorporated, assignee: *See*—
Long, John A., and Wolfner.
Wolfner, William F., II.
Photo Technical Corporation, The, assignee: *See*—
King, Robert J.
Platt, Donald R., and C. S. Jackoski, Endicott, assignors to International Business Machines Corporation, New York, N. Y. Torque measuring instrument. 2,392,260; Jan. 1.
Platt, Donald R., and R. Unterschutz, Endicott, assignors to International Business Machines Corporation, New York, N. Y. Torque measuring tool. 2,394,634; Feb. 12.
Platt, Donald R., Endicott, and A. E. Gray, Binghamton, assignors to International Business Machine Corporation, New York, N. Y. Plugboard. 2,407,176; Sept. 3.
Platt, William M., Durham, N. C., assignor to Pacific Flush Tank Company, Chicago, Ill. Supernatant selector device for sludge digestion tanks. 2,409,585; Oct. 15.
Pickens, Julius K., Maryville, Tenn. Scoop or grading attachment for farm tractors. 2,401,661; June 4.
Picker X-Ray Corporation, assignee: *See*—
Green, Samuel T.
Picker X-ray Corporation, Waite Manufacturing Division, Inc., assignee: *See*—
Goldfield, Edwin R., and Stava.
Pickering, Walter J., assignee: *See*—
Lambert, Harry L.
Pickert, Lynn L., Watertown, N. Y., assignor to The New York Air Brake Company. Air brake. 2,392,185; Jan. 1.
Pickert, Lynn L., Watertown, N. Y., assignor to The New York Air Brake Company. Variable load brake. 2,408,123; Sept. 24.
Pickett, Armand D., Oklahoma City, Okla., assignor to Phillips Petroleum Company. Lubricant. 2,410,610; Nov. 5.
Pickin, Rowland O., Los Angeles, Calif. Container. 2,403,299; July 2.
Pickles, John: *See*—
Pickles, Robert, and J.
Pickles, Robert and J. Cairo Mill, Burnley, England. Manufacture of artificial fibrous sheet material. 2,405,978; Aug. 20.
Pickles, Sidney B.: *See*—
Busignies, Henri G., and Pickles.
Pickles, Sidney B., Jackson Heights, N. Y., assignor to Federal Telephone and Radio Corporation. Adjustable transmission line. 2,404,399; July 23.
Pickles, Sidney B., Jackson Heights, assignor to Federal Telephone and Radio Corporation, New York, N. Y. Radio beacon. 2,404,400; July 23.
Pickul, Joseph H., West Newton, Mass., assignor to The Reece Corporation. Sewing machine. 2,410,679; Nov. 5.
Piepenberg, Albert F.: *See*—
Muggleton, Gerald D., and Piepenberg.
Pieper, Chester R., Warrenton, Mo. Anchor. 2,394,403; Feb. 5.
Pieper, Chester R., Warrenton, Mo. Expansion earth anchor. 2,403,150; July 2.
Pieper, Oliver T., Wilmington, Del., assignor to American Dyewood Company, New York, N. Y. Apparatus for handling powdered materials. 2,404,884; July 30.
Pieper, Oliver T., assignor to Lobdell Company, Wilmington, Del. Grinding machine. 2,413,334; Dec. 31.
Pierce Governor Company, assignee: *See*
Benjamin, Walter E.
Pierce, Hodgson S., assignee: *See*—
Gorton, Paul T.
Pierce, James E.: *See*—
Pierce, Russell and J. E.
Pierce, Jerry A.: *See*—
Mason, Ralph B., and Pierce.
Pierce, Jerry A., and C. T. Steele, assignors to Standard Oil Development Company, Baton Rouge, La. Catalytic cracking of hydrocarbon oils. 2,400,020; May 7.
Pierce, Jerry A., and W. E. Spicer, Baton Rouge, La., assignors to Standard Oil Development Company. Catalysts. 2,403,753; July 9.
Pierce, John B., Foundation, assignee: *See*—
Davison, Robert L., and Rapp.
O'Brien, Joseph F.
Pierce, John R., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Beam resonator tube. 2,394,008; Feb. 5.
Pierce, John R., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge apparatus. 2,406,850; Sept. 3.

Pierce, John R., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Cathode beam tube and velocity control electrode. 2,408,809; Oct. 8.

Pierce, John R., Millburn, and W. G. Shepherd, Summit, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,411,913; Dec. 3.

Pierce, John S., Richmond, Va. Aminoalkanols of arylacetic acids. 2,399,506; Apr. 30.

Pierce, John S., Richmond, Va., and J. H. Wotiz, Pittsburgh, Pa.; said Wotiz assignor to said Pierce. Polyhydroxyamino compounds. 2,408,096; Sept. 24.

Pierce, Lawrence, Edgewood, and R. B. Immel, Wilkinsburg, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Double armature contactors. 2,399,380; Apr. 30.

Pierce, Norman, assignee, et al.: *See*—
Holm, Carl H.

Pierce Plastics, Inc., assignee: *See*—
Pierce, Russell F. and J. E.

Pierce, Ralph E., Larchmont, N. Y., and D. B. Perry, Maplewood, N. J., assignors to American Telephone and Telegraph Company. Secrecy cipher system. 2,401,507; June 4.

Pierce, Raymond C., Chicago, Ill. Truck. 2,394,872; Feb. 12.

Pierce, Russell F. and J. E., assignors to Pierce Plastics, Inc., Bay City, Mich. Making thermoplastic helicoidal structures. 2,393,058; Jan. 15.

Pierce, W. B., assignee, et al.: *See*—
Holm, Carl H.

Pierce, Wayne M., Milford, Conn., assignor to United Aircraft Corporation, East Hartford, Conn. Alignment tool. 2,404,456; July 23.

Pierce, Winslow S., Jr., Dublin, assignor to Miniature Precision Bearings, Keene, an unincorporated partnership consisting of W. S. Pierce, Jr., Dublin, and A. N. Daniels, Hancock, N. H. Finishing gauge. 2,394,475; Feb. 5.

Pierini, Attilio, Springfield Gardens, N. Y. Treating fur. 2,410,898; Nov. 12.

Pierle, Henry C., assignor, by mesne assignments, to R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Work handling mechanism. 2,392,186; Jan. 1.

Pierri, Louis N., Salt Lake City, Utah, assignor to Eitel-McCullough, Inc., San Bruno, Calif. Electron tube and making the same. 2,399,758; May 7.

Pierama, Henry O., Kalamazoo, Mich., assignor to Lederle Laboratories, Inc., New York, N. Y. Production of riboflavin. 2,400,710; May 21.

Pierson, Gordon G., Lansdale, Pa. Method and tape for joining piles. 2,412,693; Dec. 17.

Pierson, John D., Overlea, assignor to The Glenn L. Martin Company, Middle River, Md. Seaplane sponson. 2,403,754; July 9.

Pietsch, Carter, Bloomington, Ill. Fluid clutch. 2,398,665; Apr. 16.

Pifer, Marion J., Williamsville, C. F. Carlzen, Buffalo, and H. J. McGarvey, Eggertsville, assignors to Colonial Radio Corporation, Buffalo, N. Y. Sequence tuner. 2,411,754; Nov. 26.

Pigott, Jack, and N. B. Opheim, Newport News, Va. Attachment for lathes. 2,408,876; Oct. 8.

Pike, Charles O.: *See*—
Priepke, Rudolf J., Emigh, and Pike.

Pike, Edwin F., and R. S. Shane, assignors, by mesne assignments, to Gelatin Products Corporation, Detroit, Mich. Preparing nicotinamide. 2,412,749; Dec. 17.

Pike, Otis W., Schenectady, N. Y., assignor to General Electric Company. Heating apparatus. 2,408,339; Sept. 24.

Pikl, Josef, Pitman, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Thiocyanate quaternary compounds and preparing the same. 2,402,526; June 18.

Pikul, Joseph H., West Newton, Mass., assignor to The Reece Corporation. Stitch formation. 2,409,149; Oct. 8.

Pikul, Joseph H., West Newton, Mass., assignor to The Reece Corporation. Sewing machine. 2,411,977; Dec. 3.

Pile, Sydney, assignor to Teleflex Products Limited, London, England. Flexible power transmission member. 2,401,100; May 28.

Pile, Sydney, assignor to Teleflex Products Limited, London, England. Conveyer. 2,404,885; July 30.

Pilger, Roy: *See*—
Hansen, Harold, and Pilger.

Pilgrim Plastics, Inc., assignee: *See*—
Desmond, Virginia D.

Pilling, Frank E., Lynwood, Calif. Work holder. 2,393,806; Jan. 29.

Pillsbury Flour Mills Company, assignee: *See*—
Anderson, Edwin F.

Pillsbury Mills, Inc., assignee: *See*—
Carter, Robert J. S.

Pilo, Clafs-Wilhelm, Stockholm, Sweden. Method of and apparatus for carbonizing peat. 2,406,509; Aug. 27.

Pimblett, Lewis G., Harbord, New South Wales, Australia. Bubble pipe. 2,396,433; Mar. 12.

Pimlott, John R.: *See*—
Dawson, Samuel E., and Pimlott.

Pinard, William J., Manchester, N. H. Latch-accommodating keeper unit. 2,403,826; July 9.

Pinardi, Charles P.: *See*—
Wharam, John J., and Pinardi.

Pinault, Robert W.: *See*—
Croft, Cyril M., Hindle, and Pinault.

Pincock, Douglas F., assignee: *See*—
Pava, Jack R.

Pinder, Thomas, Scarborough, England. Coupling for model railway vehicles and the like. 2,408,877; Oct. 8.

Pine, William S., Southgate, Calif. Hollow hydraulic jack. 2,393,410; Jan. 22.

Pines Engineering Company, assignee: *See*—
Bower, Byron F.

Pines, Herman: *See*—
Grosse, Aristid V., and Pines.
Ipatieff, Vladimir, and Pines.
Ipatieff, Vladimir N., and Pines.

Pines, Herman, Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Isomerization of saturated hydrocarbons. 2,405,516; Aug. 6.

Pines, Herman, Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Isomerization of saturated hydrocarbons. 2,406,967; Sept. 3.

Pines, Herman, and V. N. Ipatieff, assignors to Universal Oil Products Company, Chicago, Ill. Production of cyclo-olefinic hydrocarbons and aromatic hydrocarbons. 2,406,630; Aug. 27.

Pines, Herman, and V. N. Ipatieff, assignors to Universal Oil Products Company, Chicago, Ill. Production of cyclo-olefinic hydrocarbons and aromatic hydrocarbons. 2,406,631; Aug. 27.

Pines, Herman, and V. N. Ipatieff, assignors to Universal Oil Products Company, Chicago, Ill. Production of cyclo-olefinic hydrocarbons and aromatic hydrocarbons. 2,406,632; Aug. 27.

Pines, Herman, and R. C. Wackher, Riverside, assignors to Universal Oil Products, Company, Chicago, Ill. Isomerization of saturated hydrocarbons. 2,406,633; Aug. 27.

Pines, Herman, and R. C. Wackher, Riverside, assignors to Universal Oil Products Company, Chicago, Ill. Isomerization of saturated hydrocarbons. 2,406,634; Aug. 27.

Pines, Herman, and H. S. Bloch, Riverside, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,405,950; Oct. 8.

Pines, Herman, and V. N. Ipatieff, assignors to Universal Oil Products Company, Chicago, Ill. Production of aromatic compounds. 2,410,554; Nov. 5.

Pinion, Thomas J., Jefferson County, and E. A. Hardin, Birmingham, Ala. Wheelbarrow. 2,393,807; Jan. 29.

Pinion, Thomas N., Denver, Colo. Boiler water feed device. 2,411,589; Nov. 26.

Pinkas, David, Norwalk, Conn. Razor. 2,406,035; Aug. 20.

Pinkerton, Hugh W., Lakewood, Ohio. Wear protecting device for parallel conducting wires. 2,404,088; July 16.

Pinkney, Paul S.: *See*—
Bechtold, Max F., and Pinkney.

Pinkston, John T., Jr.: *See*—
Thomas, Charles L., and Pinkston.

Pinto, Armie A., Highland Park, Mich. Multiple purpose window fixture means. 2,412,059; Dec. 3.

Pioneer Atlanta Company, Inc., assignee: *See*—
Suchke, Frederick M.

Pioneer Parachute Company, Inc., assignee: *See*—
Smith, Floyd.

Pioneer Suspender Company, assignee: *See*—
Segal, Samuel.

Pioneer Tool Company, Inc., assignee: *See*—
Echikson, Elchanan.

Pipe Machinery Company, The, assignee: *See*—
Thompson, John.

Piper, Paul A., Towson, assignor to The Glenn L. Martin Company, Middle River, Md. Weight and balance indicator. 2,409,310; Oct. 15.

Pipping, Alf, Bloomfield, N. J. Automatic weighing device. 2,394,476; Feb. 5.

Pipping, Alf, Bloomfield, N. J. Ampoule sealing machine. 2,406,101; Aug. 20.

Pirani, Marcello: *See*—
Bangham, Donald H., Bennett, Brown, Hirst, Pirani, and Philipotts.

Pirnie, George B., Center Point, Iowa. Refrigerating and conditioning system for vehicles. 2,394,201; Feb. 5.

Piron, Emil H., assignor to Transit Research Corporation, New York, N. Y. Rail truck bolster. 2,398,394; Apr. 16.

Piron, Emil H., assignor to Transit Research Corporation New York, N. Y. Window arrangement and sash lifting mechanism. 2,399,940; May 7.

Pirwitz, Friedrich A. G., assignor to Wollensak Optical Company, Rochester, N. Y. Flashlight and shutter synchronizer. 2,404,526; July 23.

Pischel, Adolph, New York, N. Y., and H. F. Stowe, Rutherford, N. J., assignors to Eagle Pencil Company, New York, N. Y. Rubberless flexible compositions and processes. 2,393,222; Jan. 15.

Pischinger, Anton: *See*—
Müller, Helmut, and Pischinger.

Pistey, John M.: *See*—
De Reamer, Frank C., and Pistey.

Pi Suner, August, Caracas, Venezuela. Method and apparatus for projecting pictures in relief. 2,401,271; May 28.

Pitcairn, Harold F., Bryn Athyn, assignor to Autogiro Company of America, Philadelphia, Pa. Rotative winged aircraft. 2,402,294; June 18.

Pitcairn, Harold F., Bryn Athyn, assignor to Autogiro Company of America, Philadelphia, Pa. Aircraft holddown device. 2,403,456; July 9.

Pitcairn, Harold F., Bryn Athyn, assignor to Autogiro Company of America, Philadelphia, Pa. Aircraft with power driven rotor. 2,407,327; Sept. 10.

Pitlad, Joseph S., Miami Springs, Fla. Sealed bearing lubricator. 2,396,124; Mar. 5.

Pitman-Dreitzer & Co., Inc., assignee: *See*—
Daniels, Theodore L.

Pitman, Eugene W., Swampscott, Mass. Preheater for fats. 2,396,748; Mar. 19.

Pitman, Henry L., Hartford, Conn., assignor to Underwood Corporation. Combined typewriting and computing machine. 2,398,395; Apr. 16.

Pitman, Ralph R., Pine Bluff, Ark. Transformer construction for inhibiting oil deterioration. 2,394,329; Feb. 5.

Pitman, Richard W., West Hartford, Conn., assignor to Underwood Corporation. Business machine. 2,400,949; May 28.

Pitman, Richard W., West Hartford, Conn., assignor to Underwood Corporation. Business machine. 2,405,268; Aug. 6.

Pitrot, Adrian R.: *See*—
Stewart, Alexander, Pitrot, and Kebrich.

Pitt, Alfred C.: *See*—
Anderson, George O., and Pitt.

Pitt, Hubert L., Bromley, England. Aircraft control surface. 2,411,107; Nov. 12.

Pitt, Samuel: *See*—
Burns, Gordon K., Pitt, and Waters.
Komroff, Paul, Pitt, and Waters.

Pittman, Ralph R., Pine Bluff, Ark. Excess-voltage protective structure for overhead conductors. 2,394,937; Feb. 12.

Pittman, Walter F., Portsmouth, Va. Bearing. 2,399,889; May 7.

Pittsburgh Coke & Chemical Company, assignee: *See*—
Riethof, George.
Shive, William, and Glenn.

Pittsburgh Crushed Steel Company, assignee: *See*—
Harder, Oscar E., and Pavlish.

Pittsburgh Equitable Meter Company, assignee: *See*—
Cornell, Mead, and Whittaker.
Elowson, Sten.
Marsh, Walter H., and Thoresen.
Whittaker, Alexander R.

Pittsburgh Lithograph Press Corporation, assignee: *See*—
Overly, Elmer G.

Pittsburgh Plate Glass Company, assignee: *See*—
Adams, Frederick W.
Chenicek, Albert G.
Cox, Samuel F.
Devol, Manson L.
Downes, Daniel T.
Ellerman, George E.
Farr, Henry O., Jr.
Gerhart, Howard L.
Gerhart, Howard L., and Adams.
Haux, Elmer H.
Jenkins, John D.
Lycan, William H.
Meyers, Bernard C.
Miller, Ralph W., and Andrews.
Miller, Robert A., and Howard.
Minton, Gerald Z.
Muskat, Irving E.
Muskat, Irving E., and Strain.
Owen, William.
Owen, William, and Peck.
Pechukas, Alphonse, and Atkinson.
Pollack Maxwell A.
Strain, Franklin.
Strain, Franklin, Chenicek, and Muskat.

Pittsburgh Steel Company, assignee: *See*—
Kehrer, Ernest, and Faust.

Pizzi, Albert L.: *See*—
Edelman, Berll, and Pizzi.

Place, Charles I., New Milford, assignor to The Torrington Manufacturing Co., Torrington, Conn. Propeller assembly. 2,395,193; Feb. 19.

Place, Robert, assignor to Graphic Microfilm Service, Inc., Waltham, Mass. Microfilm projector. 2,404,189; July 16.

Place, Robert, assignor to Graphic Microfilm Service, Inc., Waltham, Mass. Continuous camera or printer. 2,411,694; Nov. 26.

Place, Willard P.: *See*—
Agnew, Norman F., and Place.

Place, Willard P., Penn Township, Allegheny County, assignor to The Union Switch & Signal Company, Swissvale, Pa. Selective control and indication system. 2,400,256; May 14.

Place, Willard P., Penn Township, Allegheny County, assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for selective control and indication systems. 2,400,258; May 14.

Place, Willard P., Penn Township, Allegheny County, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrical control and indication apparatus. 2,400,259; May 14.

Place, Willard P., Penn Township, Allegheny County, and A. B. Miller, Edgewood, assignors to The Union Switch & Signal Company, Swissvale, Pa. Selective control and indication system. 2,409,720; Oct. 22.

Placek, Adolph, Philadelphia, assignor to Acme Coppersmithing & Machine Company, Oreland, Pa. Process and apparatus for producing in the pure state, butyl alcohol, acetone, and ethyl alcohol from watery solutions. 2,400,370; May 14.

Placette, Theodore, assignee: *See*—
Tweedle, Charles E.

Planiol, André P. E., Huntington, and R. J. H. Planiol, New York, N. Y. Power plant for airplanes. 2,411,227; Nov. 19.

Planiol, René J. H.: *See*—
Planiol, André P. E. and R. J. H.

Plank, Leavern I., Santa Barbara, assignor to Shell Development Company, San Francisco, Calif. Valve actuating mechanism. 2,404,311; July 16.

Plapler, Celia, New York, N. Y. Combined hand and shopping bag. 2,412,007; Dec. 3.

Plastic Inlays, Inc., assignee: *See*—
Wainman, Thomas.

Plastic Parts Development Corporation, assignee: *See*—
Shapiro, Benjamin H., Thomas, and Hohl.

Platt, Haviland H., New York, N. Y., assignor to Rotary Research Corporation, Philadelphia, Pa. Rotative-winged aircraft. 2,397,154; Mar. 26.

Platt, Haviland H., New York, N. Y., assignor to Rotary Research Corporation, Philadelphia, Pa. Rotative-winged aircraft. 2,410,459; Nov. 5.

Platt, Haviland H., New York, N. Y., and W. L. Le Page, Ardmore, assignors to Rotary Research Corporation, Eddystone, Pa. Rotor blade. 2,412,908; Dec. 17.

Platt, Herbert, and C. M. Croft, Cumberland, Md., assignors to Celanese Corporation of America. Coloration of textile materials. 2,405,669; Aug. 13.

Platt, Samuel, San Francisco, Calif. Folding box. 2,398,155; Apr. 9.

Platter, Edgar, Albuquerque, N. Mex. Saw set. 2,409,311; Oct. 15.

Plautz, Alfred L.: *See*—
Neville, Don O., and Plautz.

Plax Corporation, assignee: *See*—
Bailey, James.
Bailey, James, and Jesionowski.
Bailey, James, and Pratt.
Dalin, George A.
Jesionowski, Raymond S.
Wiley, Fred E.
Wiley, Fred E., Canfield, Jesionowski, and Bailey.

Playground Equipment Company, assignee: *See*—
Franklin, Robert B.

Plebanek, Leonard Z., Chicago, Ill. Toy. 2,392,547; Jan. 8.

Plebanek, Leonard Z., Chicago, Ill. Race horse game. 2,400,261; May 14.

Plebanek, Leonard Z., Chicago, Ill. Radio kaleidoscopic projector. 2,411,804; Nov. 26.

Plebanek, Leonard Z., Chicago, Ill., assignor of one-third to C. J. Strebel and one-third to A. Bird. Bounce ball game. 2,404,652; July 23.

Plebanek, Leonard Z., Chicago, Ill., assignor of one-third to C. J. Strebel and one-third to A. Bird. Electric target game. 2,404,653; July 23.

Pleger, Karl G., Rochester, N. Y., and A. J. Hill, New Haven, Conn., assignors to American Cyanamid Company, New York, N. Y. Amino esters of diaryl succinic acids. 2,410,791; Nov. 5.

Plehn, Henry M., Brooklyn, N. Y. Brassière and making same. 2,411,462; Nov. 19.

Plensler, Alexander W., Chicago, Ill. Fluid clutch. 2,411,755; Nov. 26.

Plensler, Alexander W., assignor, by mesne assignments, to Belmont Radio Corporation, Chicago, Ill. Signal receiving and translating apparatus. 2,404,401; July 23.

Plensler, Alexander W., assignor, by mesne assignments, to Belmont Radio Corporation, Chicago, Ill. Control apparatus for tuning radio receivers. 2,413,515; Dec. 31.

Plessey Company Limited, The, assignee: *See*—
Chitty, Michael W. G.
Pugh, Cyril A.
Pugh, Cyril A., and Booth.
Pugh, Cyril A., and Say.
Stubbs, Harold V. G.

Pletcher, Clarence B., assignee: *See*—
Pletcher, Lloyd H.

Pletcher, Lloyd H., assignor of forty per cent to Clarence B. Pletcher, Buchanan, Mich. Coupling. 2,409,385; Oct. 15.

Plibrico Jointless Firebrick Company, assignee: *See*—
Anderson, John E., and Dunlap.

Ploger, Alfred: *See*—
Stewart, Robert, and Ploger.

Plotkin, Victor J., Los Angeles, Calif., assignor, by mesne assignments, to Lear, Incorporated, Grand Rapids, Mich. Multiple accessory operating mechanism. 2,403,102; July 2.

Plotsky, Louis, Kansas City, Mo. Ear muff. 2,405,326; Aug. 6.

Plucker, Julius, III: *See*—
O'Kelly, Arlie A., Plucker, and Work.

Plumb, George W., North Hollywood, Calif., assignor to Allel Precision Products Corp. Hand pump. 2,396,878; Mar. 19.

Plumley, Rochelle E., Everett, Wash. Brake shoe tool. 2,394,562; Feb. 12.

Plummer, John F., Jr., Phillipsburg, N. J., assignor to Ingersoll-Rand Company, New York, N. Y. Cooling apparatus. 2,409,896; Oct. 22.

Plummer, Stuart C., Akron, Ohio, assignor to All American Aviation, Inc., Wilmington, Del. Air pickup system. 2,402,574; June 25.

Plummer, Walter D., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Bottle carrier. 2,405,517; Aug. 6.

Plumtree, Leona T., South San Francisco, Calif. Hair clip. 2,410,130; Oct. 29.

Plunkett, Brian, Cumberland, Md., assignor to Celanese Corporation of America. Stop motion. 2,403,548; July 9.

Plunkett, Roy J.: *See*—
Benning, Anthony F., Downing, and Plunkett.

Plut, Alvin A., Ponca City, Okla. Soapstone holder. 2,405,797; Aug. 13.

Plym, Lester M., Glen Ellyn, Ill., assignor to International Business Machines Corporation, New York, N. Y. Apparatus for controlling electrical circuits. 2,396,385; Mar. 12.

Plymold Corporation, assignee: *See*—
Goldman, Paul R.
Goldman, Paul R., and Alt.

Pneumatic Scale Corporation, Limited, assignee: *See*—
Eaton, Lewis B.
Howard, Stanley R.
Vergobbi, Robert W.

Pocahontas Fuel Company Incorporated, assignee: *See*—
Schweickart, William M., and Julyan.

Poch, Waldemar J.: *See*—
Tolson, William A., and Poch.

Poch, Waldemar J., Moorestown, N. J., assignor to Radio Corporation of America. Control circuit. 2,402,444; June 18.

Poch, Waldemar J., Moorestown, N. J., assignor to Radio Corporation of America. Automatic volume control circuit. 2,402,445; June 18.

Poch, Waldemar J., Moorestown, N. J., assignor to Radio Corporation of America. Modulation system for television. 2,403,549; July 9.

Pockman, Leonard T., San Francisco, assignor to Heintz & Kaufman, Ltd., South San Francisco, Calif. Apparatus for detecting leaks. 2,401,101; May 28.

Pocock, Paul C.: *See*—
MacMillin, Howard F., and Pocock.

Podbielniak, Walter J., Chicago, Ill., assignor to B. B. Schneider. Fractionating column. 2,400,021; May 7.

Podhajsky, James A.: *See*—
McElhinney, Eric M., and Podhajsky.

Poehl, Charles A., West Caldwell, N. J., assignor to Curtiss-Wright Corporation. Anti-icing means for aircraft propellers. 2,402,770; June 25.

Poethig, Robert E., assignor to The Bastian Blessing Co., Chicago, Ill. Gas dispensing apparatus. 2,405,846; Aug. 13.

Poff, Cecil, Tulia, Tex. Fan. 2,396,749; Mar. 19.

Pogue, Charles N., Montreal, Quebec, Canada. Oil refining device. 2,392,548; Jan. 8.

Pogue, Robert B., Orange, N. J., assignor to American Brake Shoe Company. Brake shoe. 2,398,245; Apr. 9.

Pohl, Ernest E., Elmhurst, N. Y., assignor to American Machine & Foundry Company. End labeling mechanism. 2,409,065; Oct. 8.

Poirer, Joseph A., Woonsocket, R. I. Paper roll holder. 2,392,996; Jan. 15.

Poirier, Ernest, Waterville, Maine. Method of and apparatus for producing a bead in response to the consistency of papermaking stock. 2,403,827; July 9.

Poitras, Edward J., Jackson Heights, and J. D. Tear, Great Neck, assignors to Ford Instrument Company, Inc., Long Island City, N. Y. Stabilizing mechanism. 2,405,051; July 30.

Poitras, Edward J., Jackson Heights, J. D. Tear, Great Neck, and W. H. Newell, New York, assignors to Ford Instrument Company, Inc., Long Island City, N. Y. Gyroscopic mechanism. 2,405,052; July 30.

Polak, James J., and A. L. Jackson, West Asheville, assignors to American Enka Corporation, Enka, N. C. Manufacture of large permeable packages of rayon. 2,404,742; July 23.

Polaroid Corporation, assignee: *See*—
Baratelli, Charles A., Cochran, Dockum, and Guernsey.
Barnes, Arthur, and Husek.
Barnes, Carl E.
Rogers, Howard G., and Cooper.
Chubb, Lewis W., Jr., and Young.
Cooper, Dexter P., Jr.
Fairbank, Murry N., and Cooper.
Grey, David S.
Husek, Helen P.
Hyman, Mark, Jr.

Polaroid Corporation, assignee: *See*—Continued
Land, Edwin H.
Ostberg, Bertil E.
Richardson, John H.
Rogers, Howard G.
Ryan, William H., Barnes, and Husek.
Wolff, Otto E.
Woodward, Robert B., and Doering.

Polevitzky, Igor B., Miami, Fla. Illuminating device. 2,405,518; Aug. 6.

Polgov, Nicholas G., assignor to Delta-Star Electric Company, Chicago, Ill. Switch construction. 2,394,804; Feb. 12.

Polimac, Emeric, assignor to G. I. and H. Goldwyn, Chicago, Ill., co-partners doing business as Goldwyn Brothers. Sewing machine. 2,395,579; Feb. 26.

Polk Development Company, The, assignee: *See*—
Polk, Ralph Sr., and R., Jr.

Polk, Joseph, New York, N. Y. Slide fastener. 2,392,338; Jan. 8.

Polk, Louis F., and W. F. Aller, assignors to The Sheffield Corporation, Dayton, Ohio. Gauging device. 2,412,421; Dec. 10.

Polk, Ralph, Jr.: *See*—
Polk, Ralph, Sr., and R., Jr.

Polk, Ralph, Sr., and R., Jr., assignors to the Polk Development Company (not incorporated), Tampa, Fla., a copartnership of R. Polk, Sr., and R. Polk, Jr. Treating fruits having pits. 2,402,181; June 18.

Polkosnik, Bernard L., Bridgeport, Conn. Cigarette or cigar lighter. 2,399,292; Apr. 30.

Pollack, Joseph, Corporation, assignee: *See*—
Hasselbaum, Oscar H.

Pollack, Maxwell A., Austin, Tex., assignor to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Unsaturated esters of carbonic acid and polymers thereof. 2,407,446; Sept. 10.

Pollak, Carl, Forest Hills, N. Y. Apparatus for making montage prints. 2,412,288; Dec. 10.

Pollak Manufacturing Company, assignee: *See*—
Markey Roscoe I.

Pollak, Peter L.: *See*—
Zerner, Ernst, Davies, and Pollak.

Pollard, Aloysious P., Highland Park, Mich. Tool bit grinding machine. 2,394,202; Feb. 5.

Pollard, Cash B., and L. J. Kitchen, Gainesville, assignors to the Board of Commissioners of State Institutions, Tallahassee, Fla. Process for synthesizing ring compounds. 2,400,022; May 7.

Pollard, Charles E., Detroit, Mich. Fifth wheel mechanism for tractors. 2,407,447; Sept. 10.

Pollard, Charles E., Jr., Hohokus, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Manufacture of glass sealed contact units. 2,392,099; Jan. 1.

Pollard, Charles E., Jr., Hohokus, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sealed contact device. 2,406,036; Aug. 20.

Pollard, Ernest I.: *See*—
Baudry, René A., and Pollard.

Pollard, Ernest I., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Ship propulsion control. 2,399,381; Apr. 30.

Pollard, Ernest I., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Armature winding. 2,403,118; July 2.

Pollard, John D., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Treatment of cellulosic materials. 2,394,009; Feb. 5.

Pollard, Robert R., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for subdividing a mass. 2,393,185; Jan. 15.

Pollard, Willard L., Evanston, Ill. Transmission and control therefor. 2,408,951; Oct. 8.

Pollock, Doyon H.: *See*—
Edmister, Wayne C., and Pollock.

Pollock, Frank S.: *See*—
Huyett, Daniel D., and Pollock.

Pollock, Frank S., Jr., Martinsville, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Lubricated traveler ring. 2,406,901; Sept. 3.

Pollock, Martin S., East Chester, N. Y. Moistening device. 2,413,652; Dec. 31.

Pollock, Raphael C., New York, N. Y. Display device. 2,404,089; July 16.

Polston, John R.: *See*—
Cook, Fay V., and Polston.

Polydoroff, Wladimir J., Chicago, Ill. Directional antenna system. 2,399,382; Apr. 30.

Polydoroff, Wladimir J., Chicago, Ill., assignor to Radio Corporation of America, New York, N. Y. Ultra high frequency inductor. 2,401,882; June 11.

Pomeroy, Richard D., Altadena, assignor of one-half to H. D. Kirschman, Tujunga, Calif. Method of and apparatus for treating liquids. 2,413,375; Dec. 31.

Pomeroy, Roy J., assignor to Octave B. Clarke, Los Angeles, Calif. Striking line holder. 2,398,805; Apr. 23.

Pomeroy, Roy J., Los Angeles, Calif., assignor, by mesne assignments, of one-sixth to M. Hirshstein, one-sixth to R. R. Newman, and one-sixth to M. J. Hirshstein, trustee for the benefit of Pearl Hirshstein, Cleveland, Ohio. Drafting machine. 2,413,376; Dec. 31.

Pomieraniec, Israel, London, assignor to Transplanters (Robot) Limited, Sandridge, near St. Albans, England. Potato-planting machine. 2,397,691; Apr. 2.

Ponomareff, Alexander I., Upper Darby, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Blower apparatus. 2,393,808; Jan. 29.

Ponomareff, Alexander I., Upper Darby, and W. A. Mayne, Lansdowne, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Blower apparatus. 2,400,711; May 21.

Pontecorvo, Bruno, Montreal, Quebec, Canada, assignor to Well Surveys, Incorporated, Tulsa, Okla. Well surveying. 2,398,324; Apr. 9.

Pontius, George W., III, South Bend, Ind. Charger valve. 2,408,680; Oct. 1.

Pontius, George W., III, assignor to Bendix Aviation Corporation, South Bend, Ind. Lubricated piston. 2,398,910; Apr. 23.

Pontius, George W., III, assignor to Bendix Aviation Corporation, South Bend, Ind. Machine gun synchronizer. 2,411,290; Nov. 19.

Pontius, George W., III, A. P. Wilson, and F. V. Kuzmitz, South Bend, Ind. Gun turret sighting compensation system. 2,408,681; Oct. 1.

Pontius, George W., III, A. P. Wilson, and F. V. Kuzmitz, assignors to Bendix Aviation Corporation, South Bend, Ind. Gun turret power control. 2,404,090; July 16.

Pontius, George W., III, A. P. Wilson, and F. V. Kuzmitz, assignors to Bendix Aviation Corporation, South Bend, Ind. Trigger system for gun turrets. 2,406,102; Aug. 20.

Pontius, George W., III, and A. P. Wilson, assignors to Bendix Aviation Corporation, South Bend, Ind. Automatic gun charger. 2,413,112; Dec. 24.

Pontius, George W., III, and A. P. Wilson, assignors to Bendix Aviation Corporation, South Bend, Ind. Automatic gun charger. 2,413,113; Dec. 24.

Pontius, George W., III, and F. V. Kuzmitz, assignors to Bendix Aviation Corporation, South Bend, Ind. Gun turret. 2,413,114; Dec. 24.

Pool, Byron R., Evansville, Ind. Auxiliary fluid pressure system. 2,406,510; Aug. 27.

Pool, Clarence, Rivera, Calif. Valve construction. 2,392,501; Jan. 8.

Pool, Stuart D., Moline, and R. D. Downing, Rock Island, Ill., assignors to International Harvester Company. Tractor-mounted implement. 2,401,183; May 28.

Poole, David M., Summit, N. J., assignor to United Aircraft Corporation, East Hartford, Conn. Nozzle control. 2,411,895; Dec. 3.

Poole, Harold J.: *See*—
Lubbock, Isaac, Gollin, Lindsay, and Poole.

Poole, Ralph, Bredbury, England. Enclosing casing of propellers or impellers. 2,393,933; Jan. 29.

Pooler, George H., Marietta, Ohio. Roundabout. 2,408,479; Oct. 1.

Poor & Company, assignee: *See*—
Boland, Edward J.
Lansing, Horace L.
Preston, Fred A.

Poor, Fred M., Seattle, Wash. Refuse burning grate. 2,412,694; Dec. 17.

Pope, David M., Lake Forest, and T. F. Spackman, Chicago, assignors of one-half to Stewart-Warner Corporation, Chicago, Ill., and one-half to Streator Furniture Shops, Inc., Streator, Ill. Laminated wood wheel and making same. 2,394,477; Feb. 5.

Pope, Jessie, Ecorse, Mich. Croquignole iron. 2,409,791; Oct. 22.

Pope, Thomas J., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Compressional wave translating device. 2,405,604; Aug. 13.

Pope, William C., Seattle, Wash. Cable slitting machine. 2,413,192; Dec. 24.

Pope, Winslow B., Detroit, Mich., assignor, by mesne assignments, to United States of America. Cage member. 2,404,190; July 16.

Pope, Winslow B., Detroit, Mich., assignor, by mesne assignments, to United States of America. Rocket motor. 2,406,560; Aug. 27.

Pope, Winslow B., Detroit, Mich., assignor, by mesne assignments, to United States of America. Projectiles. 2,412,173; Dec. 3.

Popham, Frederick J. W., New Barnet, assignor to The British Rubber Producers' Research Association, London, England. Rubber-phenol aldehyde condensation products. 2,392,691; Jan. 8.

Popham, Frederick J. W., New Barnet, assignor to The British Rubber Producers' Research Association, London, England. Resinous condensation products and molding compositions produced therefrom. 2,401,102; May 28.

Popp, Rudolf, assignor to McGill Manufacturing Company, Inc., Valparaiso, Ind. Portable lamp guard. 2,413,417; Dec. 31.

Popp, Rudolf, assignor to McGill Manufacturing Company, Inc., Valparaiso, Ind. Portable lamp. 2,413,517; Dec. 31.

Popper, Max, Brooklyn, N. Y., assignor to Lewis Invisible Stitch Machine Company, St. Louis, Mo. Combined seaming and pinking mechanism. 2,397,431; Mar. 26.

Porcelain Metals Corporation, assignee: *See*—
Burnett, Ralph E.

Porcelain Products, Inc., assignee: *See*—
Lalande, William A., Jr.
Loy, John G.
Mitchell, John E. M.

Porcelli, Alfonso, Brooklyn, N. Y. Antiskid canvas device. 2,408,152; Sept. 24.

Porcelli, Frank, Rego Park, N. Y. Toy clock. 2,406,251; Aug. 20.

Porocel Corporation, assignee: *See*—
La Lande, William A., Jr.
La Lande, William A., Jr., and Heinemann.

Portable Elevator Mfg. Co.: *See*—
Dennis, Luther D.

Porter, Albert M., Newton, Kans. Circulating compressor. 2,399,571; Apr. 30.

Porter, Bennett J.: *See*—
Miller, Ward E., and Porter.

Porter, Carl W., Alexandria, Va. Impact wrench. 2,399,251; Apr. 30.

Porter, Charles A., Nutley, assignor to Resistoflex Corporation, Belleville, N. J. Adhering of polyvinyl alcohol compositions to other materials. 2,408,682; Oct. 1.

Porter, Edward, Bradenton, Fla. Trunk-piston body. 2,413,154; Dec. 24.

Porter, Edward, assignor of two-twentieths to A. W. Larson, Akron, Ohio. Rim structure for wheels. 2,395,064; Feb. 19.

Porter, Edward, assignor of two-twentieths to A. W. Larson, Akron, Ohio. Amphibian vehicle. 2,400,132; May 14.

Porter, Edward, assignor of two-twentieths to A. W. Larson, Akron, Ohio. Ski runner. 2,404,402; July 23.

Porter, Frank, Syracuse, assignor to The Solvay Process Company, New York, N. Y. Manufacture of phenol. 2,392,875; Jan. 15.

Porter, Gilbert E., Los Angeles, Calif., assignor to L. J. Rosa, Detroit, Mich. Brake mechanism. 2,407,097; Sept. 3.

Porter, H. K., Company, Inc., assignee: *See*—
Garraway, George H.
Milhelzler, Joseph M.

Porter, Henry D., and A. Weissberger, assignors to Eastman Kodak Company, Rochester, N. Y. Sulphur-containing esters. 2,396,879; Mar. 19.

Porter, James M., Westalton, Mo. Automatic parachute release coupling. 2,400,165; May 14.

Porter, John W., Muskogee, Okla. Measuring dispenser. 2,393,478; Jan. 22.

Porter, Noel E.: *See*—
Packard, David, and Porter.

Porter, Roscoe C.: *See*—
Briggs, Southwick W., Bauer, Ewbank, and Porter.

Porter, William W., Haycock, Alaska. Tractor track chain. 2,392,406; Jan. 8.

Porteus, John H., Wellesley, Mass., assignor to The Baldwin Locomotive Works. Railway car tilting apparatus. 2,404,091; July 16.

Porteus, John H., Wellesley, Mass., assignor to The Baldwin Locomotive Works. Railway truck. 2,411,978; Dec. 3.

Portman, Lawrence B. and R. H., and F. J. Acton, Mount Vernon, N. Y. Optical comparator. 2,391,999; Jan. 1.

Portman, Raymond H.: *See*—
Portman, Lawrence B. and R. H., and Acton.

Porzelt, Paul, et al., assignee: *See*—
Weiss, Gerhart.

Posch, Oskar, Stuttgart-Bad-Cannstatt, Germany; vested in the Alien Property Custodian. Liquid pump. 2,396,602; Mar. 12.

Position Finder Corporation, assignee: *See*—
Hagner, Frederick H.

Posner, Hyman, assignee: *See*—
Sbarra, Joseph.

Posselt, Edward J., Fox Point, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Controller for electric motor-driven traveling machines. 2,405,053; July 30.

Post, Norman W., Philadelphia, Pa. Wallet or purse. 2,407,964; Sept. 17.

Postal Telegraph-Cable Company (New York), assignee: *See*—
Likel, Harry C.

Posters Machines Corporation, assignee: *See*—
Walker, Bradley A.

Posture Research Corporation, assignee: *See*—
Fields, Frank D., and Alfreds.
Wood, Glenn D.
Wood, Glenn D., and Turner.

Potapenko, Gennady, Pasadena, Calif. Electric distance meter. 2,404,527; July 23.

Potomac Hydrocarbon Process Corporation, assignee: *See*—
Rose, James R.

Pott, August F., Zella-Mehlis, Germany; vested in the Alien Property Custodian. Sequentially controlled multiple clutch mechanism. 2,399,890; May 7.

Pott, August F., Zella-Mehlis 11, Thuringia, Germany; vested in the Alien Property Custodian. Calculating machine for performing division. 2,408,097; Sept. 24.

Potter, Charles E., Richmond Heights, and J. W. Kendall, St. Louis, Mo., said Kendall assignor to said Potter. Recorder. 2,392,876; Jan. 15.

Potter, Charles P., Toronto, Ontario, Canada. Calendar. 2,393,809; Jan. 29.

Potter, Dwight J., Allendale, assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Organic compounds and preparing same. 2,412,909; Dec. 17.

Potter, Elizabeth F., executor, et al.: *See*—
Frost, Frank R.

Potter, Goral O., Waubun, assignor of one-half to L. Roy, Mahnomen, Minn. Fish spear. 2,404,249; July 16.

Potter, Harry E.: *See*—
Anderson, John E., Ballard, and Potter.

Potter, James A., Rutherford, N. J., assignor to Bell Telephone Laboratories, Incorporated. Voltage regulated rectifying system. 2,413,033; Dec. 24.

Potter, James H.: *See*—
Woodward, Hiram W., and Potter.

Potter, John T., Manhasset, N. Y. Audience demand meter. 2,397,562; Apr. 2.

Potter, John T., Port Washington, N. Y., assignor to General Electric Company. Instrument-reading register and printer. 2,393,186; Jan. 15.

Potter, Joseph L., Indianapolis, Ind. Fishing device. 2,406,252; Aug. 20.

Potter, Orville, Y., Sacramento, Calif. Foot massaging device. 2,400,023; May 7.

Potter, Ralph K., Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave translating system. 2,395,758; Feb. 26.

Potter, Ralph K., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge apparatus. 2,403,996; July 16.

Potter, Ralph K., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Representation of complex waves. 2,403,997; July 16.

Potter, Rowland S., Brightford Heights, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Apparatus for making photographic prints on variable contrast light-sensitive material. 2,392,502; Jan. 8.

Potter, Rowland S., Brightford Heights, and R. F. Brown, Rochester, N. Y., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Temporary support for photographic gelatin layers and transferring same to permanent supports. 2,392,503; Jan. 8.

Pottinger, Alexander, Hamilton, Ontario, Canada, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electrical apparatus. 2,394,102; Feb. 5.

Pottle, Ralph K., assignor to American Can Company, New York, N. Y. Apparatus for securing a metallic annulus. 2,403,998; July 16.

Pottmeyer, Edward W., assignor to Blaw-Knox Company, Pittsburgh, Pa. Cooling apparatus for furnace ports. 2,406,399; Aug. 27.

Potts, Frank C.: *See*—
Tills, John W., Lovatt, and Potts.

Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Distribution system. 2,395,428; Feb. 26.

Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Photoelectric transmitter synchronizer. 2,397,202; Mar. 26.

Potts, Louis M., deceased, Evanston, Ill.; M. W. C. Potts, executrix. Image translating apparatus. 2,402,771; June 25.

Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Mechanical ciphering system. 2,403,679; July 9.

Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Ciphering system. 2,403,680; July 9.

Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Ciphering system. 2,403,681; July 9.

Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Mechanical ciphering system. 2,403,682; July 9.

Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Toll metering system. 2,404,654; July 23.

Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Tape feed alarm. 2,410,521; Nov. 5.

Potts, M. W. C., executrix: *See*—
Potts, Louis M.

Potts, Ralph H., La Grange, assignor to Armour and Company, Chicago, Ill. Treating fatty acid-containing stock. Re. 22,775; July 30.

Poulis, Gus, assignee: *See*—
Argyris, Stefanos.

Poulsen, Alfred E., Los Angeles, Calif. Portable cart dumping apparatus. 2,411,228; Nov. 19.

Poulsen, Charles I., and H. F. Rose, Akron, Ohio. Safety key cabinet. 2,405,369; Aug. 6.

Poulter, Thomas C., and C. F. Strom, Chicago, Ill., assignors to American Steel Foundries. Vacuum control means and method. 2,402,913; June 25.

Pounds, Richard T., assignor to The Exact Weight Scale Company, Columbus, Ohio. Tare weight compensating apparatus for weighing scales. 2,407,513; Sept. 10.

Poupitch, Ouglјesa J., assignor to Illinois Tool Works, Chicago, Ill. Shearproof rivet. 2,393,564; Jan. 22.

Poupitch, Ouglјesa J., assignor to Illinois Tool Works, Chicago, Ill. Fastener device. 2,395,141; Feb. 19.

Poupitch, Ouglјesa J., assignor to Illinois Tool Works, Chicago, Ill. Lock nut. 2,395,142; Feb. 19.

Poupitch, Ouglјesa J., assignor to Illinois Tool Works, Chicago, Ill. Fastening device. 2,401,184; May 28.

Poupitch, Ouglјesa J., assignor to Illinois Tool Works, Chicago, Ill. Fastening device. 2,405,925; Aug. 13.

Poupitch, Ouglјesa J., assignor to Illinois Tool Works, Chicago, Ill. Fastening device. 2,408,340; Sept. 24.

Poux, Noel J., Meadville, Pa., assignor to Talon, Inc. Slide fastener stringer tape. 2,405,902; Aug. 13.

Pouzzner, Morris, assignee: *See*—
Hutchinson, Job.

Powderloys Limited, assignee: *See*—
Trent, Edward M.

Powell, Alric H., Yeadon, Pa., assignor to General Electric Company. Timing control apparatus. 2,393,187; Jan. 15.

Powell, Arthur L., Tottenville, Staten Island, and W. J. Robinson, Baldwin, Long Island, N. Y., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Rough service electrical device. 2,398,595; Apr. 16.

Powell, Edward R.: *See*—
Hawthorne, Louis A., and Powell.

Powell, Edward R., North Plainfield, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Mineral wool apparatus. 2,399,383; Apr. 30.

Powell, Edward R., North Plainfield, N. J., and H. E. Holcomb, Stratford, Conn., assignors to Johns-Manville Corporation, New York, N. Y. Manufacture of felted products. 2,409,066; Oct. 8.

Powell, Edward W., assignor to Hubbard Spool Company, Chicago, Ill. Reel or beam. 2,411,937; Dec. 3.

Powell, Elno M., and W. S. Patterson, Chappaqua, assignor to Combustion Engineering Company, Inc., New York, N. Y. Superheater baffling. 2,403,237; July 2.

Powell, Ernest F., Wylde Green, and P. W. Badham, Erdington, Birmingham, assignors to Dunlop Rubber Company Limited, London, England. Sealing tubeless pneumatic tire. 2,399,572; Apr. 30.

Powell, George M., III, South Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Vinyl resin coating composition. 2,411,590; Nov. 26.

Powell, Henry K., assignor to Morris Paper Mills, Chicago, Ill. Bottle carrier. 2,396,473; Mar. 12.

Powell, Herschel F.: *See*—
Rosebrook, Homer E., and Powell.

Powell, James A., Wyomissing Hills, Pa. Fluid evaporator. 2,398,398; Apr. 16.

Powell, Paul R., Baltimore, Md. Machine tool. 2,403,119; July 2.

Powell, Robert D., Camden, N. J. Piston ring gap filler. 2,395,429; Feb. 26.

Powell, Sheppard T.: *See*—
Farmer, Harold C., and Powell.

Powell, Thomas M.: *See*—
Clausen, William H., and Powell.

Powell, William S., assignor to Marmon-Herrington Company, Inc., Indianapolis, Ind. Inlet valve for gas compressors. 2,410,522; Nov. 5.

Powell, Winfred T., assignor to Stromberg-Carlson Company, Rochester, N. Y. Telephone system. 2,402,446; June 18.

Powell, Winfred T., assignor to Stromberg-Carlson Company, Rochester, N. Y. Telephone line circuit. 2,403,877; July 9.

Powell, Winfred T., assignor to Stromberg-Carlson Company, Rochester, N. Y. Automatic telephone system. 2,409,586; Oct. 15.

Powell, Winfred T., assignor to Stromberg-Carlson Company, Rochester, N. Y. Automatic telephone system. 2,410,304; Oct. 29.

Power Brake Parts Manufacturing and Sales Company, assignee: *See*—
Osburn, Howard W.

Power Equipment Company, assignee: *See*—
Bixby, William H., and Middleton.
Whittle, Frank.

Power Jets (Research and Development) Limited, assignee: *See*—
Whittle, Frank.

Powers Accounting Machines Limited, assignee: *See*—
Holden, Norman G.
Thomas, Arthur, and Excell.

Powers, Frank B.: *See*—
Rose, Bennie A., and Powers.

Powers, Frank B., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electric towing-car catapult for aircraft. 2,404,984; July 30.

Powers, Frank T., Glen Cove, N. Y. Traffic light. 2,402,206; June 18.

Powers, Frank T., Glen Cove, N. Y. Traffic light. 2,407,382; Sept. 10.

Powers, Frank T., Glen Cove, N. Y. Developing colloid resists with substantive dyes. 2,411,108; Nov. 12.

Powers, Frank T., Glen Cove, N. Y. Etching rotogravure printing members. 2,411,109; Nov. 12.

Powers, Henry V.: *See*—
Gracia, Albert J.

Powers, John M., Baytown, Tex., assignor to Standard Oil Development Company. Production of aviation gasoline. 2,393,565; Jan. 22.

Powers, John W., assignor to Free Press Association, Burlington, Vt. Matrix assembler lever mechanism. 2,399,252; Apr. 30.

Powers, Milton A., Detroit, Mich. Plastic product. 2,410,744; Nov. 5.

Powers, Milton A., and N. H. Sutterfield, assignors to The Timken-Detroit Axle Company, Detroit, Mich. Liquid fuel burning apparatus. 2,405,234; Aug. 6.

Powers Regulator Company, The, assignee: *See*—
Saballus, Erwin, and Fischer.

Powley, Otto, assignor to Robert Powley & Sons Limited, Sunderland, England. Header for bottle filling machines. 2,396,603; Mar. 12.

Powley, Robert, & Sons Limited, assignee: *See*—
Powley, Otto.

Poylo, Michael C., New York, N. Y., assignor to Federal Telephone and Radio Corporation, Newark, N. J. Radio mounting structure. 2,404,403; July 23.

Poz, William M., U. S. Navy, Park Ridge, N. J. Terminal weight. 2,407,682; Sept. 17.

Pozgay, Carl, Jamaica, N. Y. Marine carburetor clutch control. 2,411,463; Nov. 19.

Practo Photo Accessories Corp., assignee: *See*—
Nagel, Henryk.

Praeger, Frank H., Merion, assignor to Alcorn Combustion Company, Philadelphia, Pa. Fluid heater. 2,396,200; Mar. 5.

Prager, Frank D.: *See*—
Parker, Henry C., and Prager.

Prager, Frank D., Chicago, Ill., assignor to Graver Tank & Mfg. Co., Inc. Liquid treatment. 2,400,598; May 21.

Prager, Frank D., Chicago, Ill., assignor to Graver Tank & Mfg. Co., Inc. Liquid treatment. 2,411,890; Nov. 19.

Prager, Martin, Irvington, N. J. Bottle closure device. 2,412,833; Dec. 17.

Prall, Harry R., Upper Darby, Pa., Swarthmore National Bank and Trust Company, administrator of said Harry R. Prall, deceased, assignor to B. L. Braun. Appliqué attachment for sewing machines. 2,394,873; Feb. 12.

Prance, Alvin W., Royal Oak, assignor to Briggs Manufacturing Company, Detroit, Mich. Making plastic articles. 2,410,361; Oct. 29.

Prange, Vernon A.: *See*—
Dawson, Reginald C., Couch, and Prange.

Pranger, Albert, assignor to The Guiberson Corporation, Dallas, Tex. Pressure drilling head. 2,401,960; June 11.

Prangley, Curtis F., Evanston, Ill. Liquid dispensing device. 2,400,888; May 28.

Prat-Daniel Corporation, assignee: *See*—
Watson, John E., Whiton, and McBride.

Prat Divi, Evello, Badalona, Spain. Electric motor. 2,401,662; June 4.

Prather, Charles and F. A. Rydberg, Bairoil, Wyo. Drill pipe spinner. 2,400,712; May 21.

Pratt, Carl D., and J. A. Farr, Tamaqua, Pa., assignors to Atlas Powder Company, Wilmington, Del. Sheathing material. 2,413,516; Dec. 31.

Pratt, George W., Lancaster, Pa., assignor to Radio Corporation of America. Cathode ray tube. 2,409,514; Oct. 15.

Pratt, Herbert A.: *See*—
Bailey, James, and Pratt.

Pratt, James H., Birmingham, England. Sealing means for pistons subject to fluid pressure. 2,411,229; Nov. 19.

Pratt, John L., assignee: *See*—
Roop, Elston A.

Pratt, Lawrence E., Chicago, Ill. Mechanical hammer. 2,401,794; June 11.

Pratt, Leonard C.: *See*—
Hamilton, Hugh G., Pratt, and Skrobisch.

Pratt, Perry W., Manchester, assignor to United Aircraft Corporation, East Hartford, Conn. Engine induction apparatus. 2,397,327; Mar. 26.

Pratt, Read & Company, assignee: *See*—
Betz, William G.

Pratt, Robert K., Sr., Healys, Va. Flowerpot. 2,406,439; Aug. 27.

Pratt, Verneur E., and D. E. Reed, Norwalk, Conn.; said Reed assignor to said Pratt. Continuous film processing apparatus. 2,401,185; May 28.

Pratt, Verneur E., Norwalk, Conn., assignor to Microstat Corporation. Camera. 2,407,902; Sept. 17.

Pratt, Verneur E. and G. F. Gray, Norwalk, Conn. Feeding apparatus. 2,410,611; Nov. 5.

Pratt, Verneur E., and G. F. Gray, Norwalk, Conn. Film feeding device. 2,412,551; Dec. 10.

Prause, Robert, Augsburg, Germany; vested in the Alien Property Custodian. Device for adjusting the pitch of air propellers. 2,404,743; July 23.

Pray, George E., Clearfield, Pa. Double modulation radio receiver. 2,400,133; May 14.

Precision Development Company Limited, assignee: *See*—
Olak, George.

Preco Incorporated, assignee: *See*—
Van Dorn, William E.

Predmore, Bert, assignor to The Seamless Rubber Company, New Haven, Conn. Making rubber goods. 2,407,768; Sept. 17.

Preger, Dan, assignee, et al.: *See*—
Axnix, Eugene J.

Preiswerk, Ernst, Munchenstein, near Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Stabilized ferrous sulfate. 2,411,636; Nov. 26.

Premas, Peter S., Chicago, Ill. Doughnut forming machine. 2,405,903; Aug. 13.

Premier Crystal Laboratories, Inc., assignee: *See*—
Bach, Henry M.
Dausmann, Charles F.

Premium Merchandising Corporation, assignee: *See*—
Moore, David P.

Prendergast, Laurence: *See*—
Hagen, John A., Gregor, and Prendergast.

Prentice, James A., assignor to The Carborundum Company, Niagara Falls, N. Y. Abrasive article and making. 2,394,478; Feb. 5.

Prentice, James M., assignee, et al.: *See*—
Ellis, Clarence M.

Prentice, Thomas G., Detroit, Mich. Sash fastening. 2,392,997; Jan. 15.

Prentice, William G., Indianapolis, Ind. Cable splice vulcanizing mold. 2,407,683; Sept. 17.

Prentiss Wabers Products Co., assignee: *See*—
Nelson, Averd, and Niemann.

Prescott, Ford L.: *See*—
Kinnucan, James W., and Prescott.

Prescott, Harry T., Great Falls, Mont., assignor to Anaconda Copper Mining Company, New York, N. Y. Cathode metal and producing the same. 2,392,614; Jan. 8.

Press Wireless, Inc., assignee: *See*—
Bernstein, Philip.
Gerhard, Anthony E., and Fraim.
Sprague, Robert M.
Toomim, Hershel.
Verity, Frank, Jr.

Pressed Steel Tank Company, assignee: *See*—
Merker, Herman, and Newton.

Pressman, Irving L., Los Angeles, Calif. Adjustable jig and holder. 2,399,824; May 7.

Pressure Weld Company, assignee: *See*—
Forbes, Arthur L., Jr.

Prest-O-Lite Company, Inc., The, assignee: *See*—
Berger, Elwood A.

Preston, Everett A.: *See*—
Wilson, Lyndon F., and Preston.

Preston, Frank W., Butler, Pa. Forming structural glass. 2,399,825; May 7.

Preston, Fred A., Lake Forest, assignor, by mesne assignments, to Poor & Company, Chicago, Ill. Fastening tie plates upon crossties. 2,397,750; Apr. 2.

Preston, John E., Cincinnati, assignor to The American Laundry Machinery Company, Norwood, Ohio. Fabric pressing apparatus. 2,398,325; Apr. 9.

Preston, John E., assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Folding machine and control therefor. 2,401,103; May 28.

Preston, John E., Northport, N. Y., assignor to The American Laundry Machinery Company, Norwood, Cincinnati, Ohio. Combined folding and stacking machine. 2,403,394; July 2.

Preston, Neil D., assignor to General Railway Signal Company, Rochester, N. Y. Coded track circuit signaling system. 2,401,290; May 28.

Preston, Neil D., assignor to General Railway Signal Company, Rochester, N. Y. Coded track circuit signaling system. 2,403,120; July 2.

Preston, Neil D., assignor to General Railway Signal Company, Rochester, N. Y. Communication system. 2,408,878; Oct. 8.

Previdi, William T., Englewood, N. J. Garment sleeve. 2,407,383; Sept. 10.

Prewitt, Richard H., Lansdowne, Pa., assignor to Kellett Aircraft Corporation. Resilient mount for aircraft. 2,395,143; Feb. 19.

Prewitt, William C., Palm Beach County, assignor to United States Sugar Corporation, Clewiston, Fla. Weed burner. 2,409,792; Oct. 22.

Prezioso, Giuseppe, Yverdon, Switzerland, assignor to E. Paillard et Cie S. A. Device for manipulating account forms in rotary office machines. 2,411,335; Nov. 19.

Price Brothers Company, assignee: *See*—
Miller, Joseph E., and Osweiler.

Price, Donald, New York, and R. Griffith, Fairhaven, assignors to National Products Company, Harrison, N. J. Manufacture of halo alkoxy derivatives of fatty acids. 2,392,100; Jan. 1.

Price, Donald, New York, N. Y., assignor to National Oil Products Company, Harrison, N. J. Rosin alkylation. 2,392,945; Jan. 15.

Price, Donald, New York, N. Y., and F. J. Sprules, Arlington, assignors to National Oil Products Company, Harrison, N. J. Production of alpha-halogenated keto acids. 2,396,969; Mar. 19.

Price, Donald, New York, N. Y., and E. L. May, Chevy Chase, Md., assignors to National Oil Products Company, Harrison, N. J. Surface active rosin derivatives. 2,397,692; Apr. 2.

Price, Earl R., assignor to Bendix Aviation Corporation South Bend, Ind. Piston. 2,396,386; Mar. 12.

Price, Earl R., assignor to Bendix Aviation Corporation, South Bend, Ind. Transmission operating mechanism. 2,402,343; June 18.

Price, Earl R., assignor to Bendix Aviation Corporation, South Bend, Ind. Fluid pressure system. 2,402,344; June 18.

Price, Fannie, New York, N. Y. Hair comb. 2,401,186; May 28.

Price, George E., Mansfield, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Heating apparatus. 2,392,692; Jan. 8.
Price, H. C., Company, assignee: *See*—
Elliott, Bernard V., and Price.
Price, Harold C.: *See*—
Elliott, Bernard V., and Price.
Price, John R., Jackson Heights, N. Y., assignor to Carbide and Carbon Chemicals Corporation. Simulated patent leather. 2,396,125; Mar. 5.
Price, Llewellyn R., Fort Washington, Pa. Lettering guide. 2,392,615; Jan. 8.
Price, Nathan C., Hollywood, assignor to Lockheed Aircraft Corporation, Burbank, Calif. Pressurizing equipment for aircraft. 2,405,670; Aug. 13.
Price, Peter R., Bristol, assignor, by mesne assignments, to Rotol Limited, Gloucester, England. Speed-control and synchronizing device. 2,408,683; Oct. 1.
Price, Ralph E., Highfield, Md., assignor to Landis Tool Company, Waynesboro, Pa. Hydraulic timing mechanism. 2,392,261; Jan. 1.
Price, Thomas H., Chelmsford, England, assignor to Radio Corporation of America. Limiter circuit. 2,398,596; Apr. 16.
Prichard, William W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymeric materials. 2,395,642; Feb. 26.
Pride, Alfred M., U. S. Navy. Landing-deck light. 2,403,610; July 9.
Pride, Gilbert E.: *See*—
Osterberg, Harold, Pride, and Helin.
Pridonoff, Eric L., Alhambra, and A. J. Schneider, Pasadena, assignors to Aerojet Engineering Corporation, Azusa, Calif. Producing nitrogen from internal-combustion engine exhaust gases. 2,409,386; Oct. 15.
Priepke, Rudolf J., North Brunswick Township, Middlesex County, J. H. Emigh, Milltown, and C. O. Pike, Highland Park, N. J., assignors to Industrial Tape Corporation. Pressure sensitive adhesive. 2,405,926; Aug. 13.
Priessman, Nell Y., Short Hills, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Resistor device. 2,394,479; Feb. 5.
Priessman, Nell Y., Short Hills, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Resistor. 2,395,759; Feb. 26.
Priest, Charles H., Jr., Pasadena, Calif. Drilling machine. 2,397,563; Apr. 2.
Priest, Dwight E.: *See*—
Lenk, Kurt H., and Priest.
Prieto, Fernando G., Los Angeles, Calif. Combustion engine. 2,399,507; Apr. 30.
Prieto, Fernando G., Los Angeles, Calif. Combustion engine. 2,403,395; July 2.
Prime Manufacturing Company, assignee: *See*—
Ridderstrom, Andrew R.
Prime Manufacturing Company, The, assignee: *See*—
Moore, Sidney A.
Prince, Alan T.: *See*—
Perry, John S. C., and Prince.
Prince, David C., Schenectady, N. Y., assignor to General Electric Company. Electric induction machine. 2,401,187; May 28.
Prince, David C., Schenectady, N. Y., assignor to General Electric Company. Internal-combustion engine with variable compression ratio. 2,401,188; May 28.
Prince, David D.: *See*—
Thumim, Carl, Prince, and Dhonau.
Princeton Incorporated, assignee: *See*—
Fleisher, Harry.
Pringle, Mark A., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control scheme. 2,408,226; Sept. 24.
Pringle, Orville R., Minneapolis, Minn. Elevating end gate. 2,405,054; July 30.
Printing Plates Research, Inc., assignee: *See*—
Kreber, Frank W., Gonser, and Schaffert.
Prior, Fred, Dallas, Tex. Fuel tank mounting. 2,410,182; Oct. 29.
Prior, James C.: *See*—
Battersby, Robert B., and Prior.
Prior, James W., Ingram, Tex. Coat for animals. 2,400,781; May 21.
Prismacolor, Inc., assignee: *See*—
Lebus, William A.
Pritchard, Edward M.: *See*—
Devol, George C., Jr., Pritchard, and Sherman.
Ledbetter, Pritchard, and Sherman.
Pritchard, Frederick A., Waterbury, Conn., assignor to The Bristol Company. Adjustable cam member. 2,402,447; June 18.
Prit Novelty Co., Inc., assignee: *See*—
Mizrach, Isador.
Procter & Gamble Company, assignee: *See*—
Eckey, Eddy W., and Taylor.
Procter & Gamble Company, The, assignee: *See*—
Lind, Otto.
McClain, Herbert K.
Taylor, James E.
Tucker, Nathaniel B.
Proctor, Bernard E., assignee: *See*—
Brody, Julius.
Proctor & Schwartz, Incorporated, assignee: *See*—
Weber, John W.
Productive Inventions, Inc., assignee: *See*—
Anderson, John W.
Smulski, Theodore J.
Products Development, Inc., assignee: *See*—
Abernathy, David W.
Grant, Samuel.
Hoffman, Nathan.
Proell, Wayne A.: *See*—
Rittschof, William L., and Proell.
Prohaska, James J., assignor to Industrial Patents Corporation, Chicago, Ill. Sausage linking machine. 2,406,163; Aug. 20.
Proll, Gustave, Newark, N. J. String tensioning device for musical instruments. 2,397,289; Mar. 26.
Pronto File Corporation, assignee: *See*—
Mandel, Jacob.
Propane Development Corporation, assignee: *See*—
Schlumbohm, Peter.
Pro-phy-lac-tic Brush Company, assignee: *See*—
Dahle, Joseph.
D'Alello, Gaetano F.
Wilson, Frank, Esselen, and D'Alello.
Prosperity Company, Inc., The, assignee: *See*—
Asher, William J.
Davis, Ernest.
Devol, George C., Jr., Pritchard, and Sherman.
Gayring, Wallace F.
Ledbetter, James C., Pritchard, and Sherman.
Yanchenko, Basil J.
Pross, William C., Bainbridge, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Seal. 2,392,998; Jan. 15.
Pross, William C., Bainbridge, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Ventilating apparatus. 2,399,384; Apr. 30.
Prosser, Harold P., Mount Vernon, N. Y. Television image projection system. 2,398,960; Apr. 23.
Protectoseal Company, The, assignee: *See*—
Dixon, Cletus L.
Prott, William, Poynette, Wis. Animal trap. 2,404,744; July 23.
Proudman, Chester F., and H. H. Goossen, New Canaan, Conn. Grass cutter. 2,398,397; Apr. 16.
Proulx, Jean, Hull, Quebec, Canada. Cover for the suction boxes of papermaking machines. 2,408,176; Sept. 24.
Province, Paul E., Kent, Ohio. Roller bearing. 2,398,459; Apr. 16.
Prox, Frank, Company, Inc., assignee: *See*—
Fulke, Frank L.
Prucha, Frank J.: *See*—
Gall, Carl, and Prucha.
Pruder, Henry V., assignor of thirty per cent to A. Mousseau, Detroit, Mich. Portable sportsman's seat. 2,394,203; Feb. 5.
Prudhon, Glenn L., North Plainfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Electrical measuring system. 2,404,886; July 30.
Pruitt, Harvey E., assignor of one-twentieth to Gibson Refrigerator Company, Greenville, Mich., and nineteen-twentieths to E. M. Rice, Hanna, Ind. Metalworking machine. 2,411,110; Nov. 12.
Prussack, Benjamin J., Brooklyn, N. Y. Electrical switch. 2,399,449; Apr. 30.
Prutsman, Alexander L., Portland, Oreg. Adjustable ladder. 2,405,269; Aug. 6.
Prutton, Carl F., East Cleveland, assignor to The Lubri-Zol Corporation, Wickliffe, Ohio. Lubricating compositions. 2,396,223; Mar. 5.
Prutton, Carl F., assignor of one-half to A. K. Smith, Shaker Heights, Ohio. Inhibitors. 2,400,573; May 21.
Prutzman, Paul W.: *See*—
Bolinger, John C., and Prutzman.
Pryde, Robert H. H.: *See*—
Gent, Harry, and Pryde.
Psaila, John, New York, N. Y. Novelty amusement air ride apparatus. 2,412,060; Dec. 3.
Ptacek, Anna, New York, N. Y. Speaker attachment for radios. 2,399,508; Apr. 30.
Publication Corporation, assignee: *See*—
Grimshaw, Hugh M.
Kott, Hermann.
Publix Metal Products, Inc., assignee: *See*—
Nisenson, Jules.
Puddington, Ira E.: *See*—
Gallay, Wilfred, and Puddington.
Pudge, Frederick A., Boise, Idaho. Injector construction. 2,397,043; Mar. 19.
Puening, Franz, Bethlehem, Pa. Method and apparatus for preparing coal for coking. 2,408,810; Oct. 8.
Puening, Franz, Bethlehem, Pa. Apparatus for operating coke ovens with movable walls. 2,413,335; Dec. 31.
Puerner, George O., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Contactor for tuners. 2,399,060; Apr. 23.
Puetzer, Bruno, New Rochelle, assignor to Vick Chemical Company, New York, N. Y. Methylene-bis-2 hydroxy-3 naphthoates. 2,397,903; Apr. 2.
Pugh, Cyril A., assignor to The Plessey Company Limited, Ilford, England. Carburation apparatus for internal-combustion engines and the like. 2,408,879; Oct. 8.

Pugh, Cyril A., and D. G. Booth, Ilford, assignors to The Plessey Company Limited, Ilford, Essex, England. Fuel supply system for internal-combustion engines or other fuel-consuming means. 2,401,883; June 11.
Pugh, Cyril A., Ilford, and A. W. Say, Upminster, assignors to The Plessey Company Limited, Ilford, England. Hydraulic cutout device. 2,406,899; Sept. 3.
Pugh, Cyril A., and D. G. Booth, assignors to The Plessey Company Limited, Ilford, Essex, England. Pump having bypass with speed-sensitive and pressure-responsive control. 2,412,289; Dec. 10.
Pugsley, Donald W., Bridgeport, Conn., assignor to General Electric Company. Sweep circuit. 2,410,745; Nov. 5.
Pull, Burnard T.: *See*—
Ward, George C., and Pull.
Pullin, Cyril G., Wimbledon, assignor to the Cierva Autogiro Company Limited, London, England. Cooling jacket for internal-combustion engine. 2,405,847; Aug. 13.
Pullman Couch Company, assignee: *See*—
McKeown, George H., and Wissmiller.
Pullman-Standard Car Manufacturing Company, assignee: *See*—
Dittrich, Francis J.
Lohse, Alfred C.
Lutherman, Lewis A., and Thompson.
Pulmosan Safety Equipment Corporation, assignee: *See*—
Shock, Howard L., Jr.
Puls, Alfred E., Cleveland, Ohio, and E. R. Swenson, assignors to Metropolis Bending Company, Metropolis, Ill. Combined table and chair. 2,400,134; May 14.
Pumps, Myer, Washington, D. C. Necktie holder. 2,406,400; Aug. 27.
Punte, William F.: *See*—
Coyle, John, and Punte.
England, Isaac W., and Punte.
Punte, William F., Baltimore, Md., assignor to Continental Can Company, New York, N. Y. Collar can collar and mounting therefor. 2,403,192; July 2.
Punte, William F., Passaic, assignor to Continental Can Company, Inc., New York, N. Y. Adhesive tape container with nesting feature. 2,406,900; Sept. 3.
Punte, William F., Passaic, N. J., assignor to Continental Can Company, Inc., New York, N. Y. Metal container. 2,409,793; Oct. 22.
Purcell, George H., Dayton, Ohio. Altitude correction computer. 2,394,563; Feb. 12.
Purcell, Peter E., Portland, Oreg. Plug valve. 2,396,880; Mar. 19.
Purdie, William H., assignor to William Doxford & Sons Limited, Sunderland, England. Balancing of reciprocating engines. 2,398,961; Apr. 23.
Purdue Research Foundation, assignee: *See*—
Bray, John L., and Howard.
De Bey, Albert L.
Degering, E. F., and Gross.
Spence, John A., and Degering.
Webb, Richard C.
Pure Oil Company, The, assignee: *See*—
Alves, Howard A., and MacKusick.
Ayers, George W., and Barton.
Bell, Richmond T., Folkins, and Thacker.
Bond, Donald C., and Russell.
Bond, Donald C., and Savoy.
Folkins, Hillis O.
Folkins, Hillis O., and Thacker.
Frankel, M., and Agruss.
Hall, Garland W., Sens, and Furth.
Henderson, Lawrence M., and Annable.
Ross, William B., and Boldt.
Schindler, Hans.
Schindler, Haus, and Henderson.
Sowers, Wesley H.
Thacker, Carlisle M.
Thacker, Carlisle M., and Bell.
Yule, John S.
Purington, Ellison S.: *See*—
Hammond, John J., Jr., and Purington.
Purington, Ellison S., Gloucester, Mass., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Frequency discriminator. 2,392,693; Jan. 8.
Purington, Ellison S., Gloucester, Mass., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Privacy signaling system. 2,400,950; May 28.
Purington, Ellison S., Gloucester, Mass., assignor to United States of America, as represented by the Secretary of the Navy. Torpedo control by multiple channel selector. 2,413,066; Dec. 24.
Purington, Ellison S., Gloucester, Mass., assignor to United States of America, as represented by the Secretary of the Navy. Torpedo control by timing selector. 2,413,067; Dec. 24.
Purinton, Forrest G., assignor to The Patent Button Company, Waterbury, Conn. Reinforced plastic button. 2,402,079; June 11.
Purinton, Forrest G., assignor to The Patent Button Company, Waterbury, Conn. Method of and apparatus for deep hole molding. 2,403,948; July 16.
Purinton, William A., Bath, Maine. Instep guard and shoe embodying the same. 2,393,810; Jan. 29.
Purma Cameras Limited, assignee: *See*—
Terrett, Joseph, and Wood.
Purolator Products, Inc., assignee: *See*—
Fisk, Albert S., and Kovacs.
Purpura, August C., assignor to Chicago Flexible Shaft Company, Chicago, Ill. Temperature responsive controller. 2,392,407; Jan. 8.
Purpura, August C., Chicago, Ill. Quick drying flatiron. 2,402,575; June 25.
Purpura, August C., Chicago, Ill. Timer for toasters. 2,402,576; June 25.
Pursell, John D., St. Louis, Mo. Lithographic plate and making same. 2,407,290; Sept. 10.
Purves Corporation, The, assignee: *See*—
Beach, Lennox F.
Puryear, Sebren T.: *See*—
Gehring, Kurt C., and Puryear.
Puterbaugh, Russel V., Dayton, and W. H. Puterbaugh, Jr., Centerville, assignors to The National Cash Register Company, Dayton, Ohio. Testing device. 2,398,156; Apr. 9.
Puterbaugh, William H., Jr.: *See*—
Puterbaugh, Russel V. and W. H.
Putnam, Erle T., Detroit, Mich., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Building block. 2,413,377; Dec. 31.
Putnam, John P., assignor to The Reece Button Hole Machine Company, Boston, Mass. Time indicator. 2,396,929; Mar. 19.
Putnam, Ralph M., Drayton, S. C. Dot filling retainer for looms. 2,398,597; Apr. 16.
Puzio, Frank M., Jr., Bronx, N. Y. Trouser hanger. 2,393,263; Jan. 22.
Pye, Harold C., Oak Park, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Microphone handle. 2,410,899; Nov. 12.
Pye Limited, assignee: *See*—
Edwards, Baden J.
Pyle, Herbert L., Springfield, Ohio. Combination heating and rinsing device. 2,394,330; Feb. 5.
Pyle, Leslie R., assignor to Locomotive Firebox Company, Chicago, Ill. Locomotive front end. 2,392,187; Jan. 1.
Pyle-National Company, The, assignee: *See*—
McDowell, Thomas E.
Pym, Arthur F.: *See*—
Cantley, Joseph C., and Pym.
Pym, Arthur F., deceased, Beach Bluff; G. H. Heys, Swampscott, Mass., administrator. Calculating or indicating device. 2,392,877; Jan. 15.
Pyne, Clifford D.: *See*—
Pyne, Kenneth E., and C. D., and Leadbeater.
Pyne, Kenneth E. and C. D., West Wickam, and D. L. Leadbeater, Prittlewell, England. Hydraulic pump. 2,407,343; Sept. 10.
Pyne, Roger S., Longmeadow, assignor to Van Norman Company, Springfield, Mass. Diaphragm chuck. 2,413,068; Dec. 24.
Pyrene Company Limited, assignee: *See*—
Zieschang, Richard.
Pyridium Corporation, assignee: *See*—
Tisza, Edmond T., and Duesel.
Pyro Plastics Company, The, assignee: *See*—
Lester, William M., and Reisher.
Quack, Wilbert: *See*—
Tuck, Davis H., Franck, and Quack.
Quackenbush, Edward W., Chicago, Ill. Package. 2,392,062; Jan. 1.
Quaker Chemical Products Corp., assignee: *See*—
Longley, Kermit D.
Todd, Floyd.
Quaker Oats Company, The, assignee: *See*—
Dunlop, Andrew P.
Salazar, Jose R.
Quaker Oats Company, The, assignee, et al.: *See*—
Graham, William R., Kohler, and Hoover.
Quam, Sidney N.: *See*—
Horneman, Herman C., Hussong, Quam, and Hammer.
Quan, Alfred S., Artesia, Calif. Writing outfit. 2,395,760; Feb. 26.
Quarles, Richard W., Pittsburgh, Pa., assignor to Carbide and Carbon Chemicals Corporation. Stabilized chlorine-containing resins. 2,394,010; Feb. 5.
Quarnstrom, Ivar T., New Haven, Mich. Standard molding base. 2,398,893; Apr. 23.
Quarrie, Eugene A., assignee: *See*—
Foerste, William.
Quattlebaum, William M., Jr., and C. A. Noffsinger, Charleston, W. Va., assignors to Carbide and Carbon Chemical Corporation. Reduction of color in vinyl resins. 2,394,418; Feb. 5.
Quattlebaum, William M., Jr., Charleston, and W. J. Toussaint, South Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation. Making olefines. 2,407,291; Sept. 10.
Quayle, George, Philadelphia, Pa., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Lift truck. 2,405,848; Aug. 13.
Quayle, Joshua C.: *See*—
Handley, William C., Quayle, and McLeod.
Walton, George H., Quayle, and Jones.

Quayle, Joshua C., Helsby, and P. Jones, Kelsall, near Chester, assignors to British Insulated Cables Limited, Prescot, England. Dielectric heating electrode. 2,404,191; July 16.

Queen City Steel Treating Co., The, assignee: *See*— Salkover, Nicholas M.

Queeney, Donald H.: *See*— Dilworth, Richard M., Lillquist, and Queeney.

Quick, Augustus B., East Norwich, N. Y. Waterproofing composition. 2,396,342; Mar. 12.

Quidas, Frederick W., New York, N. Y. Combined photograph and word display apparatus for teaching languages. 2,412,061; Dec. 3.

Quigg, Murray T., trustee, assignee: *See*— Hopkins, Nevil M.

Quigg, Murray T., assignee, trustee, et al.: *See*— Hopkins, Nevil M.

Quigley, Herbert, and H. Ter Meer, assignors to National Brass Company, Grand Rapids, Mich. Cupboard catch. 2,409,794; Oct. 22.

Quilter, John R. C., Woking, England. Parachute. 2,392,946; Jan. 15.

Quilter, John R. C., and J. Gregory, Woking, England. Parachute pack. 2,396,126; Mar. 5.

Quilter, John R. C., and J. Gregory, Woking, England. Parachute harness. 2,405,671; Aug. 13.

Quimby, Shirley L.: *See*— Hayes, Harvey C., and Quimby.

Quimper, Anthony A., Westfield, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Locking means for power operated devices. 2,398,037; Apr. 9.

Quincy Stove Manufacturing Company, The, assignee: *See*— Castle, Boyd F. Lange, Henry.

Quincy, William S., Jr.: *See*— Fox, Joseph E., Nelson, and Quincy.

Quinn, Bert A., St. Paul Park, Minn. Window fastener. 2,402,772; June 25.

Quinn, Clara E., assignor to Broquinda, Inc., of Florida, St. Petersburg, Fla. Refrigerator. 2,400,135; May 14.

Quinn, Edward, Saugus, and N. A. Monfils, Haverhill, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J. Shoe machine. 2,397,369; Mar. 26.

Quinn, Edward, Saugus, and I. I. Hersey, Beverly, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J. Method and machine for making prewelt shoes. 2,407,903; Sept. 17.

Quinn, John, and E. A. Horst, Syracuse, assignors to The Solvay Process Company, New York, N. Y. Electrode stem clamp. 2,397,806; Apr. 2.

Quinn, John W.: *See*— Wilson, Delbert I., and Quinn.

Quinn, Joseph L., Matawan, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Plasticized cellulose acetate composition. 2,401,272; May 28.

Quinn, Joseph W., Santa Monica, Calif. Water automobile. 2,399,141; Apr. 23.

Quinn, Leonard J.: *See*— Davenport, James E., and Quinn.

Quinn, Leonard J., assignee: *See*— Davenport, James E.

Quinn, Peter F., Racine, Wis. Machine for cutting food products. 2,406,107; Aug. 20.

Quinn, Robert G., Bound Brook, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Manufacture of reinforced asbestos paper. 2,401,314; June 4.

Quinn, William M., Chicopee, Mass. Composition shoe sole. 2,395,294; Feb. 19.

Quinnell, LaVern E., assignor to The Magnavox Company, Fort Wayne, Ind. Electric impulse generator. 2,400,262; May 14.

Quirk, Earl W.: *See*— Hoffman, Otis E., Quirk, and Spenger.

Quiroz, Francisco A., Newark, N. J. Rotary pump construction. 2,401,189; May 28.

Quitter, John P.: *See*— Dinnick, George M., and Quitter.

Qvarfordt, Nils G., Wadsworth, Ohio, assignor to The Babcock & Wilcox Company, Rockleigh, N. J. Steam generator. 2,395,580; Feb. 26.

R-B-M Manufacturing Company, assignee: *See*— Webb, George L.

Rabarts, Frederick W.: *See*— Clifton, John C., and Rabarts.

Rabenda, Edward J.: *See*— Mills, Albert W., Furman, and Rabenda.

Rabenda, Edward J., Poughkeepsie, and F. J. Furman, Endicott, assignors to International Business Machines Corporation, New York, N. Y. Record reproducing machine. 2,398,038; Apr. 9.

Rabenda, Edward J., Binghamton, and H. J. Kistner, Union, assignors to International Business Machines Corporation, New York, N. Y. Sorting machine. 2,403,550; July 9.

Rabenda, Edward J., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Recording apparatus. 2,412,422; Dec. 10.

Rabens, Fred T., and F. T. Peterson, St. Paul, Minn. Bottled drink dispenser. 2,393,059; Jan. 15.

Rabezzana, Hector, Flint, assignor to General Motors Corporation, Detroit, Mich. Spark plug. 2,409,795; Oct. 22.

Rabinawitz, Mendel: *See*— Drieschman, Donald F., Sheperd, Rabinawitz, Newhall, and Sorg.

Rabinow, David, Maplewood Township, Essex County, assignor to Conmar Products Corporation, Newark, N. J. Automatic lock slider. 2,397,693; Apr. 2.

Rabinowitz, Harold M., Brooklyn, N. Y. Antipressor and making. 2,392,878; Jan. 15.

Rackett, Gerald F., Los Angeles, assignor to Technicolor Motion Picture Corporation, Hollywood, Calif. Color correction of color pictures. 2,413,468; Dec. 31.

Radbill, Raymond B., Moylan, Pa. Mobile steam generator. 2,410,900; Nov. 12.

Radcliffe, Thomas J., Belleville, N. J., assignor to General Electric Company. Electrode manufacture. 2,392,879; Jan. 15.

Rader, Louis T., Schenectady, N. Y., assignor to General Electric Company. Electromagnet. 2,394,103; Feb. 5.

Radford, Lawrence, Washington, D. C. Instrument for measuring range and altitude. 2,400,059; May 7.

Radford, Lawrence, Washington, D. C. Instrument for measuring range. 2,400,060; May 7.

Radio Corporation of America, assignee: *See*— Albin, Frederick G. Anderson, Earl I. Anderson, Leslie J. Artzt, Maurice. Atwood, John B. Badmaleff, Alexis. Bahls, Walter E. Barton, Loy E., and Dyson. Beard, Joseph G., and Harralson. Bedford, Alda V. Bedford, Alda V., and Vendt. Bedford, Alda V., and Wipff. Beers, George L. Beshgetoor, Ray V. Beverage, Harold H., and Mathes. Bierwirth, Rudolph A., and Hoyler. Billings, Horace P. Bliss, Warren H. Blitz, Daniel. Boerner, Thomas J., and Sanborn. Bokeeno, John. Bow, Orville E. Brand, Jean J. Brian, Joseph M. Briggs, Loyd A., and Spencer. Brown, Charles H. Brown, George H. Brown, George H., and Peterson. Bumstead, Ralph W. Burrill, Charles M. Carlson, Wendell L. Carson, Benjamin R., and Magnusson. Carlson, Wendell L., and Harvey. Carlson, Wendell L., Landon, and Harvey. Carter, Philip S. Charrier, George M. Clark, Joseph C. Clark, Robert W. Clark, Robert W., and Somers. Clough, Newsome H. Compton, Robin D. Conklin, James W. Crawley, James B. Crosby, David R., and Kimmich. Crosby, Murray G. Curtis, Lucien B. Deal, Harmon B. Deal, Harmon B., Alexander, and Rankin. De Ryder, Herbert. Dewhurst, Wallace W. Diffenderfer, John B. Dimmick, Glenn L. Douden, William L. Dow, Orville E. Eaton, Thomas T. Eaton, Thomas T., and Luck. Evans, John. Engstrom, Ralph W. Epstein, David W. Fagan, Christopher P. Fell, William F. Fernsler, George L. Ferris, Warren R. Finch, James L. Fitch, William A. Flory, Leslie E. Flory, Leslie E., Massa, and Morton. Ford, John R. Fried, Joseph A. Fulton, Oliver H., Jr. George, Ralph W. George, Roscoe H. Ghosh, Saraju P. Gillespie, Henderson C. Gluyas, Thomas M., Jr. Gluyas, Thomas M., Jr., and Wolf. Goddard, De Witt R.

Radio Corporation of America, assignee: *See*—Continued Goldsmith, Alfred N. Goldstine, Hallan E. Gottier, Thomas L. Graham, Maxim L. Green, Ernest. Green, Norval H., and Rupp. Grosdoff, Igor E. Grundmann, Gustave L. Gubin, Samuel. Haeff, Andrew V. Hallborg, Henry E., Gillespie, and Clark. Hammond, John H., Jr. Hammond, John H., Jr., and Purington. Hansell, Clarence W. Hansell, Clarence W., and Dow. Hanson, Oscar B., and Shelby. Harvey, Robert L. Haynes, Robert L. Henderson, Joseph E., and Janes. Herold, Edward W. Hershberger, William D. Hester, Frank A. Hillier, James. Hillier, James, and Baker. Hirmann, Julius. Hollingsworth, R. Lee. Holmes, Ralph S., and Smith. Holst, Paul F. G., and Kirkwood. Holtz, Robert F. Hoyler, Cyril N. Hultquist, J. Albert. Janes, Robert B. Janes, Robert B., and Glover. Kahn, Alfred. Katzin, Martin. Keizer, Eugene O. Kell, Ray D. Kellogg, Edward W. Kilgore, George R. Kilgore, George R., Ferris, and Shulman. Koch, Winfield R. Korman, Nathaniel I. Kozanowski, Henry N. Lakatos, Louis L. Langmuir, David B., and Donal. La Rue, William D. Law, Harold B. Lawrence, Howard C., Jr. Leck, George W. Leigh, John S., and Murdoch. Le Page, Wilbur R. Lesnick, Robert. Lesnick, Robert N. Leverenz, Humboldt W. Lindenblad, Nils E. Linder, Ernest G. Luck, David G. C. Lynn, Roland A. Malter, Louis. Massa, Frank. Masters, Robert W. Mathes, Richard E. Matson, Leslie E., Jr. Mendelson, Hans. Meneley, Carl A. Mercer, William R., and Cole. Mesner, Max H. Miller, William A. Miller, William A., and Shenk. Moore, Harold A. Morgan, Adolph R. Morlock, William J., and Willman. Morrison, Howard L. Morton, George A. Morton, George A., and Flory. Nelson, Herbert. Nicoll, Frederick H. North, Dwight O. Norton, Lowell E. Olson, Harry F., and Hester. Owens, James H. Rajchman, Jan A. Perkins, Theodore B. Peterson, Donald W. Peterson, Harold O. Peterson, Robert A. Poch, Waldemar J. Polydoroff, Wladimir J. Pratt, George W. Price, Thomas H. Purington, Ellison S. Rajchman, Jan A., and Goldberg. Ramberg, Edward G. Rankin, John A. Read, Sidney, Jr. Reid, John D. Reinhold, Leonhard F., and Spencer. Reiskind, Hillel I., and Badmaieff. Rettenmeyer, Francis X. Reynolds, James H. Richmond, Martin R. Roberds, Wesley M. Roberts, Walter van B. Rose, Albert. Rose, George M., Jr. Roys, Henry E. Runge, Frank E. Sachtleben, Lawrence T. Sachtleben, Lawrence T., and Douden. Sadowsky, Meier. Salzberg, Bernard. Sander, Morris. Sanders, Royden C., Jr. Sanders, Royden C., Jr., and Mercer. Sanders, Royden C., Jr., Mercer, and Blitz. Sands, William F. Schade, Otto H. Schick, John R. Schlesinger, Kurt. Schock, Robert E. Schroeder, Alfred C. Seeley, Stuart W. Sharp, Thomas C. Sheffield, Berthold. Shenk, Eugene R., and Smith. Shore, Henry. Shulman, Carl I., and Kilgore. Simpson, William E. Sinnett, Chester M. Sinnett, Chester M., and Belar. Slyfield, Charles O. Smith, Arthur Z. Smith, J. Ernest. Smith, J. Ernest, and Shenk. Smith, James E. Smith, John P. Smith, Lester C. Smith, Lloyd P. Smith, Perry C. Snepvangers, Rene. Snyder, Richard L., Jr. Somers, Frank J. Spencer, James A. Spencer, James A., and Reinhold. Szikiai, George C. Thomas, Charles H. Thompson, Harry C. Tolson, William A. Tolson, William A., and Holmes. Tolson, William A., and Meneley. Tolson, William A., and Poch. Trevor, Bertram. Trumbull, Walter M., and Kinyon. Tunick, Harry. Turner, Alfred H. Tuska, Clarence D. Usselman, George, and Hansell. Usselman, George L. Vance, Arthur W. Van Ryn, Bernard. Vilkomerson, Benjamin S. Wagner, Herbert M. Wald, Sidney. Walsh, Allen A., and Resides. Weagant, Roy A. Weagle, Lawrence T. Wendt, Karl R. Wendt, Karl R., and Bedford. Wenger, Wiley D. Whitaker, James N. Widell, Emil Gideon. Wilson, William S. Wipff, Frank P. Wolf, Lester J. Wolff, Irving. Wolff, Irving, and Hershberger. Wolff, Irving, and Holmes. Wolfner, William F., II. Woll, Harry J. Woodward, Oakley M. Young, Arthur J. Young, Charles J. Young, Lloyd L. Zworykin, V. K., and Hillier. Zworykin, Vladimir K., and Vance.

Radio Electronics Limited, assignee: *See*— Van den Bosch, Francois J. G.

Radio Industries Corporation, assignee: *See*— MacAdam, Mark L.

Radio Patents Corporation, assignee: *See*— Goldschmidt, Rudolf. Guanella, Gustav. Rath, Karl.

Radio Specialty Manufacturing Company, assignee: *See*— Sells, Gale, Johnson, and Black.

Radio-Television Institute, Inc., assignee: *See*— Paradise, Lionel P., and Auerbacher.

Rado, John A., Little Neck, N. Y., assignor, by mesne assignments, to Hazeltine Research, Inc., Chicago, Ill. High-frequency pulse generator. 2,409,897; Oct. 22.

Rado, John A., Great Neck, N. Y., assignor, by mesne assignments, to Hazeltine Research, Inc., Chicago, Ill. Clipping system. 2,411,695; Nov. 26.

Radonich, Marko, Montreal, Quebec, Canada. Cement applying process. 2,392,408; Jan. 8.

Rady, William J., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Carbon pile regulator. 2,400,136; May 14.

Rady, William J., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. System of generator regulation. 2,401,795; June 11.

Radzinsky, Harry, assignee, et al.: *See*—
Crockford, Joseph R.

Raettig, Adele S., Hoboken, N. J. Magnetically operated switch. 2,410,746; Nov. 5.

Ragatz, Eugene C., Whitefish Bay, assignor to Allen-Bradley Company, Milwaukee, Wis. Rheostat. 2,402,773; June 25.

Raiche, Paul A., North Providence, R. I. Earring construction. 2,407,098; Sept. 3.

Railway and Industrial Engineering Company, assignee: *See*—
Kradel, Fred L., and Paulin.

Rainard, Leo W., Cochituate, Mass., assignor, by mesne assignments, to National Dairy Products Corporation, New York, N. Y. Curing acrylate polymers and resulting product. 2,410,103; Oct. 29.

Rainey, James L.: *See*—
Auten, Robert W., and Rainey.

Rainey, Paul M., Martinsville, N. J., assignor to Federal Telephone & Radio Corporation. Light directing device. 2,410,104; Oct. 29.

Raison, Gordon H.: *See*—
Brannigan, Thomas P., Raison, and Yoder.

Raisz, Erwin, Cambridge, Mass., assignor to Global Press, Inc., New York, N. Y. Knockdown globular shell. 2,406,164; Aug. 20.

Raitch, Alexander J., Port Washington, assignor, by mesne assignments, to Automatic Products Company, Milwaukee, Wis. Garden tractor. 2,401,796; June 11.

Raitch, Alexander J., Port Washington, Wis., assignor, by mesne assignments, to The Seng Company, Chicago, Ill. Chair seat support. 2,412,750; Dec. 17.

Rajchman, Jan A., Princeton, N. J., assignor to Radio Corporation of America. Computing system. 2,404,250; July 16.

Rajchman, Jan A., Philadelphia, Pa., assignor to Radio Corporation of America. Frequency multiplier. 2,405,519; Aug. 6.

Rajchman, Jan A., and E. A. Goldberg, Princeton, N. J., assignors to Radio Corporation of America. Automatic gain control circuit. 2,412,423; Dec. 10.

Raleigh Cycle Company Limited, The, assignee: *See*—
Raven, William H., and Heron.

Ralston, Anderson W., and L. T. Crews, Chicago, and E. W. Colt, Evanston, assignors to Armour and Company, Chicago, Ill. Purifying nitriles. 2,401,772; June 11.

Ralston, Anderson W., Chicago, and O. Turinsky, Palatine, assignors to Armour and Company, Chicago, Ill. Treatment of polyene compounds. 2,411,111; Nov. 12.

Ralston, Anderson W., Chicago, and O. Turinsky, Palatine, assignors to Armour and Company, Chicago, Ill. Treatment of Polyene compounds. 2,411,112; Nov. 12.

Ralston, Anderson W., Chicago, and O. Turinsky, Palatine, assignors to Armour and Company, Chicago, Ill. Treatment of polyene compounds. 2,411,113; Nov. 12.

Ralston, Eldon K., Cleveland Heights, assignor to Thompson Products, Inc., Cleveland, Ohio. Valve rotating device. 2,397,502; Apr. 2.

Ralston, James V., assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Control mechanism. 2,408,446; Oct. 1.

Ramage, Alexander S., assignor to A. A. F. Maxwell, Detroit, Mich., as trustee. Producing ethylene glycol and ethyl acetate. 2,398,157; Apr. 9.

Ramage, Alexander S., assignor to A. A. F. Maxwell, Detroit, Mich., as trustee. Combination hydrocarbon dehydrogenation and hydrogenation process. 2,409,587; Oct. 15.

Ramage, Monroe W., Jr., assignor to Lockport Cotton Batting Co., Lockport, N. Y. Feeding mechanism for cotton batting and the like. 2,411,637; Nov. 26.

Ramberg, Edward G., Feasterville, Pa., assignor to Radio Corporation of America. Correction for spherical and chromatic aberrations in electron lenses. 2,401,315; June 4.

Rambold, Adolf, Dresden, Germany; vested in the Alien Property Custodian. Bag with insoluble automatic fold closing. 2,409,314; Oct. 15.

Ramey, Blaine B., guardian: *See*—
Riggles, William M., Jr.

Ramey, Ossie K., Columbus, Ohio. Rope-jumping toy. 2,411,756; Nov. 26.

Ramo, Simon, Schenectady, N. Y., assignor to General Electric Company. Amplifying high frequency signals. 2,406,635; Aug. 27.

Ramo, Simon, Niskayuna, N. Y., assignor to General Electric Company. Radio-frequency power measurement. 2,411,553; Nov. 26.

Rampacek, Carl: *See*—
Clemmer, Julius B., and Rampacek.

Ramsay, Erskine, Birmingham, Ala. Swivel door counter. 2,393,811; Jan. 29.

Ramsay, Erskine, Birmingham, Ala. Mining machine. 2,407,448; Sept. 10.

Ramsay, Erskine, Birmingham, Ala. Mine car coupler. 2,407,449; Sept. 10.

Ramsay, Henry T., Hatch End, assignor to The General Electric Company Limited, London, England. Gas-filled electric rectifier. 2,409,955; Oct. 22.

Ramsay, Roe H., Los Angeles, Calif. Clock dial. 2,395,643; Feb. 26.

Ramsdell, Thomas S., Housatonic, Mass. Machine for forming heavy sliver lap. 2,409,898; Oct. 22.

Ramsey Accessories Manufacturing Corporation, assignee: *See*—
Marien, Charles A. and M. W.

Ramsey, James G., Bucklin, Kans. Fluid governor. 2,392,262; Jan. 1.

Ramsey, Jesse A., Wenonah, N. J. Tiltable shelves drill holder case. 2,408,227; Sept. 24.

Ramsey, Jesse A., Wenonah, N. J. Piston ring. 2,411,757; Nov. 26.

Ramsey, Jesse J., Cairo, Ill. Vial opening device. 2,410,901; Nov. 12.

Ramsey, Joseph D., Watertown, Mass. Ladder support. 2,407,575; Sept. 10.

Ramsey, Robert P., Hamilton, Ohio. Casing structure for internal-combustion free piston engine. 2,406,037; Aug. 20.

Ramsey, Willis L., Parma, Mo. Bookrack or casing. 2,407,797; Sept. 17.

Ramseyer, Charles F., Old Greenwich, Conn., assignor to H. A. Brassert & Company, New York, N. Y. Superheating gases. 2,399,450; Apr. 30.

Ramshorn, Richard: *See*—
Neumann, Heinrich, Bukowski, Ramshorn, Spiegel, and Tonn.

Ramstack, Erich F., and C. R. Clafendetcher, Milwaukee, Wis. Garment hanger. 2,409,956; Oct. 22.

Ramstedt, Emil L., New Haven, Conn., assignor to The American Steel and Wire Company of New Jersey. Adjustable die. 2,411,291; Nov. 19.

Ranco Incorporated, assignee: *See*—
Ott, Percy W.

Rand, Le Roy H., assignor to Rand Rubber Company, Brooklyn, N. Y. Baby panta. 2,397,751; Apr. 2.

Rand Rubber Company, assignee: *See*—
Rand, Le Roy H.

Randall, A. T., assignee: *See*—
Randall, Willard A.

Randall, Althea: *See*—
Simons, Charles J., and Randall.

Randall, Arthur O., Sea Girt, N. J., assignor to Vee-Van Inc. Fuel system for internal-combustion engines. 2,402,080; June 11.

Randall, Arthur W., Saugus, Mass. Machine for felling trees. 2,404,655; July 23.

Randall, Boardman M., Portsmouth, assignor to TekWood, Inc., Lakeport, N. H. Underlay for floor coverings. 2,405,235; Aug. 6.

Randall, Boardman M., Portsmouth, assignor to Tekwood, Inc., Lakesport, N. H. Impregnated composite board. 2,412,534; Dec. 10.

Randall, Clark C., Oak Park, Ill. Crankcase scavenger. 2,406,103; Aug. 20.

Randall, Earl A., Kansas City, Mo. Electrode holder. 2,394,204; Feb. 5.

Randall, Eddie P., Los Angeles, Calif. Comb. 2,403,551; July 9.

Randall, Francis E.: *See*—
Koepnick, Robert C., Patt, and Randall.

Randall, Willard A., assignor of one-half to A. T. Randall, Seattle, Wash. Watercraft. 2,400,782; May 21.

Randol, Glenn T., St. Louis, Mo. Control means for change-speed transmissions. Re. 22,791; Sept. 10.

Randolph, Charles J., Jr., Louisville, Ky, and N. B. Haskell, Port Arthur, Tex., assignors to The Texas Company, New York, N. Y. Polymerization of hydrocarbons. 2,392,000; Jan. 1.

Randolph, Fred T.: *See*—
Burnett, Clinton B., Donahue, and Randolph.

Randolph Laboratories, Inc., assignee: *See*—
Boal, Stewart.

Randrup, Benjamin F., Brisbane, Calif. Adjustable clamp. 2,398,962; Apr. 23.

Randrup, Benjamin F., Brisbane, Calif. Foldable boat. 2,408,579; Oct. 1.

Raney, Charlie, Brownfield, Tex. Grain handling machine. 2,408,952; Oct. 8.

Raney, Russell R., La Grange, Ill., assignor to International Harvester Company. Tying mechanism. 2,403,396; July 2.

Raney, Russell R., La Grange, Ill., assignor to International Harvester Company. Tying apparatus. 2,413,378; Dec. 31.

Raney, William E., Shaker Heights, Ohio. Drill grinder. 2,411,591; Nov. 26.

Rances, John E., East Rutherford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Terminal strip for inductive devices. 2,403,457; July 9.

Rankin, Dan R.: *See*—
Hait, James M., Devirian, and Rankin.

Rankin, Dan R., Los Angeles, assignor to Food Machinery Corporation, San Jose, Calif. Lubrication system. 2,403,397; July 2.

Rankin, Dan R., and G. A. Reynolds, Jr., Los Angeles, assignors to Food Machinery Corporation, San Jose, Calif. Amphibian steering mechanism. 2,404,528; July 23.

Rankin, Donald L., Jackson Heights, assignor to Bendix Aviation Corporation, Bendix, N. J. Adjusting screw. 2,394,104; Feb. 5.

Rankin, John A.: *See*—
Deal, Harmon B., Alexander, and Rankin.

Rankin, John A., Port Washington, N. Y., assignor to Radio Corporation of America. Regenerative indicating system. 2,403,755; July 9.

Rankin, John A., Park Ridge, assignor to Belmont Radio Corporation, Chicago, Ill. Phase-responsive system. 2,410,523; Nov. 5.

Rankin, John G., Tulare, Calif. Device for atomizing certain chemicals and oils for the production of dry oil steam for signaling. 2,404,812; July 30.

Ranney, Percival K., Lakewood, Ohio. Gaseous tube. 2,395,145; Feb. 19.

Ranney, Percival K., Lakewood, Ohio. Electrical system and apparatus. 2,402,207; June 18.

Ranney, Percival K., Lakewood, Ohio. Electrical system and apparatus. 2,406,104; Aug. 20.

Ransom, Olive S., New York, and M. Zucker, New Rochelle, assignors to Interchemical Corporation, New York, N. Y. Solvent extraction of drying oils. 2,403,458; July 9.

Ransom, Richard B., Knoxville, Tenn., assignor to Universal Products Company, Incorporated, Dearborn, Mich. Universal joint. 2,396,750; Mar. 19.

Ransom, Richard B., Knoxville, Tenn., assignor to Universal Products Company Incorporated, Dearborn, Mich. Constant velocity joint. 2,399,293; Apr. 30.

Raper, John R., West Los Angeles, Calif. Cutting tool. 2,392,001; Jan. 1.

Rapley, Harold H., Bedford, England. Accurately spacing articles on conveyers. 2,397,044; Mar. 19.

Rapp, George M.: *See*—
Davison, Robert L., and Rapp.

Rappl, Anton, Eggertsville, assignor to Trico Products Corporation, Buffalo, N. Y. Motor vehicle. 2,399,652; May 7.

Rappl, Anton, Eggertsville, N. Y., assignor to Trico Products Corporation, Buffalo, N. Y. Motor vehicle. 2,401,961; June 11.

Rappl, Anton, Eggertsville, assignor to Trico Products Corporation, Buffalo, N. Y. Gauge. 2,411,292; Nov. 19.

Rasley, Donald R., Fort Wayne, Ind., assignor to Farnsworth Television and Radio Corporation. Voltage rectifier. 2,407,724; Sept. 17.

Rasmuson, Robert E.: *See*—
Westlake, Frank K., and Rasmuson.

Rasmussen, Carl J., Seattle 7, Wash. Screw fitting. 2,397,290; Mar. 26.

Rasmussen, James W., Los Angeles, Calif. Sandblasting apparatus and the like. 2,399,385; Apr. 30.

Rasmussen, Mary, Sioux City, Iowa. Hair protecting bathing cap. 2,398,246; Apr. 9.

Rasmussen, Olaf, Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Brake. 2,396,387; Mar. 12.

Rasmussen, Olaf, Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Percussion fuse. 2,398,718; Apr. 16.

Rasmussen, Olaf, Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Making porous metal articles. 2,398,719; Apr. 16.

Rasmussen, Olaf, Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Heat exchanger. 2,401,797; June 11.

Rasmussen, Olaf and R. C. Rike, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich. Snap action mechanism. 2,410,680; Nov. 5.

Rasor, Orval, Portland, Oreg. Detachable cover for containers. 2,406,636; Aug. 27.

Raspet, August, Hyattsville, Md. Helical spring. 2,402,666; June 25.

Rast, Frederick Q., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Clock. 2,403,552; July 9.

Rastetter, Harry O.: *See*—
Riemenschneider, Edmund W., and Rastetter.

Rataiczak, Francis I., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,395,065; Feb. 19.

Rataiczak, Francis I., assignor to General Motors Corporation, Dayton, Ohio. Making motor compressor units. 2,405,904; Aug. 13.

Rataiczak, Francis I., assignor to General Motors Corporation, Dayton, Ohio. Ordnance. 2,411,979; Dec. 3.

Rataiczak, Francis I., assignor to General Motors Corporation, Dayton, Ohio. Refrigerant compressor valve arrangement. 2,413,653; Dec. 31.

Ratchford, William P., Willow Grove, and C. H. Fisher, Abington, Pa., assignors to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Improved process for the manufacture of methyl acrylate by the thermal decomposition of methyl alpha-acetoxypropionate. 2,408,177; Sept. 24.

Rath, Karl, New York, N. Y. Photoelectric control device for camera diaphragms. 2,412,424; Dec. 10.

Rath, Karl, assignor to Radio Patents Corporation, New York, N. Y. Marking pen. 2,396,058; Mar. 5.

Rathbun, John P.: *See*—
Bowman, Robert A., and Rathbun.

Ratigan, James P., Los Angeles, Calif. Apparatus for cleaning pipes and tubing. 2,402,345; June 18.

Ratner, Jacob, Brooklyn, N. Y. Shoe dressings. 2,399,693; May 7.

Ratner, Jacob, Brooklyn, N. Y. Cleaning and polishing compositions. 2,411,938; Dec. 3.

Rau, Harry A.: *See*—
Goebel, George, and Rau.

Rau, Harry A., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Apparatus for sealing containers. 2,408,447; Oct. 1.

Rauch, John D., Fort Wayne, Ind. Clutch. 2,392,188; Jan. 1.

Rauch, John D., assignor to The American Steel Dredge Company, Inc., Fort Wayne, Ind. Gasoline barge. 2,397,155; Mar. 26.

Rauch, Konrad, assignor to The Sheffield Corporation, Dayton, Ohio. Machine tool. 2,397,503; Apr. 2.

Rauch, Konrad, assignor to The Sheffield Corporation, Dayton, Ohio. Machine tool. 2,397,504; Apr. 2.

Rauglas, Gerard, Chicago, Ill. Film developer tank. 2,393,654; Jan. 29.

Rauland Corporation, The, assignee: *See*—
Szegho, Constantin S.

Raulerson, Hardy H., Long Beach, Calif. Boat propulsion apparatus. 2,394,011; Feb. 5.

Rauner, Lawrence A., and M. J. Hunter, assignors to The Dow Chemical Company, Midland, Mich. Cellulose ether composition. 2,399,602; Apr. 30.

Rausch, Harry L.: *See*—
Boeck, Max F., and Rausch.

Raven, William H., Stratford-on-Avon, and W. H. Heron, assignors to The Raleigh Cycle Company Limited, Nottingham, England. Manufacture of cartridge cases and the like. 2,397,370; Mar. 26.

Rawald, August E., Midland Park, N. J., assignor to Wright Aeronautical Corporation, Scriber. 2,394,404; Feb. 5.

Rawlings Manufacturing Company, assignee: *See*—
Sopp, Richard A.

Rawlins, Albert L., Grosse Pointe Woods, assignor to Parke, Davis & Company, Detroit, Mich. Soap-like preparations. 2,406,902; Sept. 3.

Rawlins, Albert W., Flushing, and W. J. Kupec, Forest Hills, N. Y., said Kupec assignor to said Rawlins. Turnbuckle. 2,403,828; July 9.

Rawlins, Herbert L., Pittsburgh, and J. J. Mikos, Wilkinsburg, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit interrupter. 2,403,121; July 2.

Rawlins, Herbert L., Wilkinsburg, and J. M. Wallace, Braddock, assignors to Westinghouse Electric Corporation. East Pittsburgh, Pa. Circuit interrupter. 2,405,606; Aug. 13.

Rawlplug Company, Inc., The, assignee: *See*—
Gelpcke, Alfred W.

Rawson, Emanuel: *See*—
Griffin, Joseph F., and Rawson.

Rawson, Harry H., Spokane, Wash. Foundry sand sifting and flask-filling apparatus. 2,412,425; Dec. 10.

Rawson, Maxwell C., Des Plaines, Ill. Disintegrating head. 2,403,193; July 2.

Ray, Arthur J., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,398,854; Apr. 23.

Ray, Don, Beverly Hills, Calif. Transfer mechanism. 2,395,146; Feb. 19.

Ray, Frederick E.: *See*—
Evans, Louis P., and Ray.

Ray, Gardner C., Bartlesville, Okla., assignor to Phillips Petroleum Company. Production of acetyl cyamide. 2,396,201; Mar. 5.

Ray, Gardner C., Bartlesville, Okla., assignor to Phillips Petroleum Company. Production of cyanoalkenes. 2,407,848; Sept. 17.

Ray, James L., Elm Grove, Wis., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Elastic fluid turbine apparatus. 2,402,841; June 25.

Ray, Joseph E., Denver, Colo. Reed sander. 2,408,953; Oct. 8.

Ray, Robert O., Amarillo, Tex. Wheel dolly. 2,392,409; Jan. 8.

Ray, William A., Los Angeles, Calif., assignor to General Controls Co. Control system. 2,398,158; Apr. 9.

Ray, William A., Los Angeles, Calif., assignor to General Controls Co. Fluid control valve. 2,398,855; Apr. 23.

Ray, William A., Los Angeles, Calif., assignor to General Controls Co. Electromagnetic operator. 2,399,295; Apr. 30.

Ray, William A., Los Angeles, Calif., assignor to General Controls Co. Control device. 2,409,387; Oct. 15.

Ray, William A., Los Angeles, Calif., assignor to General Control Co. Burner control system. 2,411,230; Nov. 19.

Ray, William A., Glendale, Calif., assignor to General Controls Co. Reset valve and control therefor. 2,403,611; July 9.

Ray, William A., Glendale, Calif., assignor to General Controls Co. Fuel supply system. 2,408,954; Oct. 8.

Ray, William A., Glendale, Calif., assignor to General Controls Co. Electromagnetic device. 2,410,183; Oct. 29.

Ray, William R., Los Angeles, Calif., assignor to General Controls Co. Hydraulic operator. 2,399,294; Apr. 30.

Ray, William R., Los Angeles, Calif., assignor to General Controls Co. Solenoid operator. 2,405,370; Aug. 6.

Ray, William R., Glendale, Calif., assignor to General Controls Co., Thermoelectric generator. 2,407,517; Sept. 10.

Raybestos-Manhattan, Inc., assignee: *See*—
Batchelor, Clyde S.
Kingman, George F.
Novak, Izador J., and Kuzmick.

Rayburn, Alden G., Sausalito, Calif. Sealing device. 2,394,012; Feb. 5.

Rayburn, Vincent A.: *See*—
Cox, Thomas K., Gray, and Rayburn.

Rayburn, Vincent A., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Container and making it. 2,410,681; Nov. 5.

Rayburne, Charles H., Portland, Oreg. Toy. 2,402,081; June 11.

Rayko, Michael, Indiana, Pa. Nursing bottle holder. 2,412,426; Dec. 10.

Raylite Electric Corp., assignee: *See*—
Abramson, Abraham.
Petry, John.

Raymond, Albert L.: *See*—
Saunders, Francis J., and Raymond.

Raymond, John E., Hamilton, Ontario, Canada, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Protective device. 2,397,203; Mar. 26.

Raymond, John E., Hamilton, Ontario, Canada, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Vapor-electric device. 2,401,016; May 28.

Raymond Laboratories, Inc., assignee: *See*—
Reed, Raymond E., Tenenbaum, and Beste.

Raynor, Harvey F.: *See*—
Snowden, Ward E., and Raynor.

Rayonier Incorporated, assignee: *See*—
Schlosser, Paul H., and Gray.
Schlosser, Paul H., Bennett, and Gray.

Ray-O-Vac Company, assignee: *See*—
Anthony, Herman R. C.
Anthony, Herman R. C., and Friang.
Smithback, Howard J.

Raytheon Manufacturing Company, assignee: *See*—
Brown, William C.
Dawson, John W.
Germeshausen, Kenneth J.
Gorn, Elmer J.
Klemperer, Hans.
Schmidt, Robert C.
Small, Wallace H.
Smith, Charles G.
Spencer, Percy L.
Striefel, Karl J.
Stutsman, Paul W.
Wood, Ross.

Razek, Joseph, et al.: *See*—
Melas, William, and Razek.

Rea, Wilson W., Chatham, and J. E. Wiltrakis, Plainfield, N. J., assignors to Western Electric Company, New York, N. Y. Apparatus for coating material in strand form. 2,397,622; Apr. 2.

Rea, Wilton T.: *See*—
Parker, Ralsemand D., Rea, and Singer.

Rea, Wilton T., Manhasset, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Regenerative repeater for multiway balanced loop repeaters. 2,392,339; Jan. 8.

Rea, Wilton T., Manhasset, and J. R. Wilkerson, Bayside, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Start-stop receiving selector mechanism. 2,400,574; May 21.

Read, Chester L.: *See*—
Lewis, Elton R., and Read.

Read, Davis, Jr., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Production of aviation gasoline. 2,394,716; Feb. 12.

Read, Davis, Jr., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Hydrocarbon conversion process. 2,408,580; Oct. 1.

Read, Ernest K., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control apparatus. 2,412,934; Dec. 17.

Read, Leland B., South Bend, Ind., assignor to Carter Carburetor Corporation, St. Louis, Mo. Deicing valve. 2,402,208; June 18.

Read Machinery Co. Inc., assignee: *See*—
Brunner, Eugene E.

Read, Norman J., Greenford, assignor to Goodlass Wall & Lead Industries Limited, Oxted, Surrey, England. Anticorrosive paint. 2,406,307; Aug. 20.

Read, Robert C., Wilton, Conn., and E. W. Schlieben, Scarsdale, assignors to York Research Corporation, New York, N. Y. Combination aerial and land vehicle. 2,410,234; Oct. 29.

Read, Robert E., Savannah, Ga., assignor to Union Bag & Paper Corporation, New York, N. Y. Sewed bag closure. 2,403,756; July 9.

Read, Sidney, Jr., Haddonfield, N. J., assignor to Radio Corporation of America. Interlocked motor system. 2,394,480; Feb. 5.

Read, Sidney, Jr., Indianapolis, Ind., assignor to Radio Corporation of America. Interlocked motor system. 2,396,530; Mar. 12.

Read, Thomas A., Scarsdale, N. Y., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Sound detecting system. 2,399,386; Apr. 30.

Read, Thomas A., H. I. Fusfeld, and S. W. Kitchen, Philadelphia, Pa. Sonic method for testing metal. 2,403,999; July 16.

Read, William T., executor: *See*—
Hoeber, Harold.

Reading, George R., Bartlesville, Okla., assignor to Phillips Petroleum Company. Preparing aluminum chloride catalyst. 2,398,557; Apr. 16.

Readman, Bernard L., Detroit, Mich., and R. A. Shartle, Rockford, Ill., assignors to Vickers Incorporated, Detroit, Mich. Power transmission. 2,392,504; Jan. 8.

Reagan, Fred E., Knoxville, Tenn. Lubrication. 2,413,069; Dec. 24.

Reagan, Helen C., assignee, et al: *See*—
Brady, Robert H., and Birkner.

Reagan, Maurice E.: *See*—
Derr, Willard A., and Reagan.

Reagan, Maurice E., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control system. 2,393,060; Jan. 15.

Reagan, Maurice E., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control system. 2,393,061; Jan. 15.

Reagan, Maurice E., and W. A. Derr, Wilkinsburg, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control system. 2,401,017; May 28.

Real Silk Hosiery Mills, Inc., assignee: *See*—
Sanderson, August A.

Realty and Industrial Corporation, assignee: *See*—
Anderson, Clare.
Terry, Fred M.

Reaney, Warford A., Delaware, Ohio. Method and apparatus for heat treating calcareous materials. 2,410,235; Oct. 29.

Reaney, Warford A., Delaware, Ohio. Method and apparatus for heat treating loose bulk materials. 2,410,236; Oct. 29.

Rearick, Walter S., and G. E. Nightart, New Kensington, assignors to Aluminum Company of America, Pittsburgh, Pa. Machine tool. 2,399,759; May 7.

Reason, Richard E., assignor to Taylor, Taylor & Hobson Limited, Leicester, England. Apparatus for measuring or indicating the roughness or undulations of a surface. 2,398,666; Apr. 16.

Reason, Richard E., assignor to Taylor, Taylor & Hobson Limited, Leicester, England. Apparatus for measuring or indicating the roughness or undulations of surfaces. 2,404,143; July 16.

Reavis, Charles N., assignor of two-thirds to S. B. Coley, Raleigh, N. C. Electric speed control and motor protector. 2,410,998; Nov. 12.

Rebers, Paul A., Minneapolis, Minn. Artificial hand. 2,408,880; Oct. 8.

Rebhoiz, Elmer F., Chicago, Ill., assignor to James F. Barnes, as trustee. Game. 2,408,270; Sept. 24.

Rechton, George D., and J. H. Watson, Los Angeles, assignors to Douglas Aircraft Company, Inc., Santa Monica, Calif. Metal forming machine. 2,413,518; Dec. 31.

Reconstruction Finance Corporation, assignee: *See*—
De Bell, George W.
De Ganahl, Carl.
De Ganahl, Carl, Stafford, and Conlee.
Holland, William D., Berry, and McClintock.
Lyons, Ellis C.
McArthur, Warren.
Robbins, Leo.

Records, Chester E., Columbus, Ohio. Constructing well screens. 2,392,263; Jan. 1.

Records, Elmer H., Tacoma, Wash. Apparatus for treating carbonaceous material. 2,397,432; Mar. 26.

Records, Elmer H., Tacoma, Wash. Refining of low-grade hydrocarbon oils. 2,412,427; Dec. 10.

Rector, Robert R., Silver Spring, assignor of one-half to P. Gavrilea, Laurel, Md. Eyelash crimper. 2,392,694; Jan. 8.

Redcay, Aaron K.: *See*—
Nicholson, Edward W. S., and Redcay.

Redcay, Aaron K., Baton Rouge, La., assignor, by mesne assignments, to Standard Catalytic Company. Fischer synthesis. 2,406,851; Sept. 3.

Redcliffe, Frederick J., New York, N. Y. Crutch. 2,398,247; Apr. 9.

Reddick, Frank J., Newberry, S. C. Signal switch. 2,394,481; Feb. 5.

Redfield, Alfred C., and A. C. Vine, Woods Hole, Mass. Sea water foam suppression and apparatus. 2,401,583; June 4.

Rediffusion Limited, assignee: *See*—
Adorjan, Paul, and Gabriel.

Redington, F. B., Co., assignee: *See*—
Malbiot, Clarence J.

Redmer, Edwin A. F., Chicago, Ill. Air chuck. 2,392,999; Jan. 15.

Reece Button Hole Machine Company, The, assignee: *See*—
Putnam, John P.

Reece Corporation, The, assignee: *See*—
Avis, Samuel W.
Pikul, Joseph H.

Reece, Moody M., Los Angeles, Calif. Nut lock. 2,400,166; May 14.

Reed, Clair S., assignor to Reynolds Spring Company, Jackson, Mich. Conveyer slat assembly. 2,395,761; Feb. 26.

Reed, Claude A., Omaha, Nebr. Making palatable material. 2,409,067; Oct. 8.

Reed, Cortes F., Anoka, assignor to C. L. Horn, Minneapolis, Minn. Chemical methods and products. 2,407,344; Sept. 10.

Reed, Daniel E.: *See*—
Pratt, Verneur E., and Reed.

Reed, E. P., & Co., assignee: *See*—
Susswein, Samuel.

Reeves, Edward D., Cranford, N. J., assignor to Standard Oil Development Company. Fluid catalyst reactor. 2,411,592; Nov. 26.

Reed, Eo, Zanesville, and D. H. Washburn, assignors to The American Rolling Mill Company, Middletown, Ohio. Slitting and re-coiling strip metal. 2,399,155; Apr. 23.

Reed, Harold V., assignor to Borg-Warner Corporation, Chicago, Ill. Centrifugal clutch. 2,392,947; Jan. 15.

Reed, Harry W., Cincinnati, Ohio. Electrical plug and socket connection. 2,418,519; Dec. 31.

Reed, Homer C., Glendale, and B. M. Holt, Berkeley, assignors to Union Oil Company of California, Los Angeles, Calif. Azeotropic distillation of toluene. 2,413,245; Dec. 24.

Reed, Isaac N., Livingston, Ala., assignor to Wedgeplug Valve Company, New Orleans, La. Valve. 2,392,880; Jan. 15.

Reed, Leland A.: *See*—
Mample, Adolph Z., and Reed.

Reed, Leland A., assignor to The Stromberg-Carlson Company, Rochester, N. Y. Telephone substation apparatus. 2,409,588; Oct. 15.

Reed, Raymond E., D. Tenenbaum, and M. D. Beste, St. Paul, Minn., assignors to Raymond Laboratories, Inc., St. Paul, Minn. Waving hair. 2,405,166; Aug. 6.

Reed, Robert M., assignor to The Girdler Corporation, Louisville, Ky. Thermal dissociation of monoethanolamine salts. 2,399,142; Apr. 23.

Reed Roller Bit Company, assignee: *See*—
Stokes, John C.

Reed, Willie, assignor of one-half to C. C. Jackson, Memphis, Tenn. Self-propelled vehicle. 2,396,881; Mar. 19.

Reeder, L. D., assignee: *See*—
Cohn, Harold J.

Reeder, L. D., Co.: *See*—
Cohn, Harold J.

Reeder, William H., III, Olean, N. Y., and G. A. Lescisin, South Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation. Production of ketones. 2,395,012; Feb. 19.

Reek, Ashley J.: *See*—
Miller, William J., and Reek.
Stewart, Frederick W., Reek, and Kelly.

Reel, Raymond D., Keyser, W. Va., assignor to Celanese Corporation of America. Apparatus for the treatment of artificial materials. 2,398,856; Apr. 23.

Reenstierna, Gustaf L., Union City, assignor of one-half to J. A. Morrone, Jersey City, N. J. Cap cleaner. 2,396,388; Mar. 12.

Rees, Frank X., assignor to General Railway Signal Company, Rochester, N. Y. Coded track circuits for railroads. 2,399,760; May 7.

Rees, John P., Johannesburg, Transvaal, Union of South Africa. Conditioning the atmosphere in subterranean excavations. 2,409,388; Oct. 15.

Reese, Thomas C., Ardmore, Pa. Tire chain applying device. 2,395,013; Feb. 19.

Reese, Thomas S., University Heights, assignor to The Di-Noc Company, Cleveland, Ohio. Transfer. 2,397,623; Apr. 2.

Reeser, Lucile E., assignee: *See*—
Reeser, Woodrow W.

Reeser, Woodrow W., assignor of one-half to L. E. Reeser, Elyria, Ohio. Self-adapting and adjusting depth gauge. 2,400,371; May 14.

Reeve, Elmer W.: *See*—
Fay, Frank H., and Reeve.

Reeves, Cuthbert E., Buffalo, N. Y. Article or luggage carrier. 2,397,433; Mar. 26.

Reeves, Edward D., Cranford, N. J., assignor to Standard Oil Development Company. Handling pulverulent materials. 2,392,764; Jan. 8.

Reeves, Edward D., Cranford, N. J., assignor to Standard Oil Development Company. Controlling flow of powder. 2,392,765; Jan. 8.

Reeves, Edward D., Cranford, N. J., assignor to Standard Oil Development Company. Isomerizing dialkyl benzenes. 2,403,757; July 9.

Reeves, Frederick H., assignor to Revo Electric Co., Limited, Tividale, Tipton, England. Fluorescent tubular discharge lamp fitting. 2,393,062; Jan. 15.

Reeves, Hazard, New York, N. Y. Portable crib. 2,392,948; Jan. 15.

Reeves, Herbert M., Kankakee, Ill., assignor to Florence Stove Company, Gardner, Mass. Indicating means for valves. 2,409,796; Oct. 22.

Reeves, Herbert M., Kankakee, Ill., assignor to Florence Stove Company, Gardner, Mass. Stove construction. 2,411,464; Nov. 19.

Reeves, Howard F., Jr., and T. M. Andrews, Weeks, assignors to Bay Chemical Company, Inc., New Orleans, La. Direct production of rubber hydrochloride. 2,393,870; Jan. 29.

Reeves, Howard F., Jr., and T. M. Andrews, Weeks, assignors to Bay Chemical Company, Inc., New Orleans, La. Vulcanized rubber hydrohalide. 2,393,871; Jan. 29.

Reeves, James B., Whitefish Bay, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electronic energy conversion and control system. 2,400,599; May 21.

Reeves, James B., Whitefish Bay, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Current regulator. 2,409,312; Oct. 15.

Reeves, James B., Whitefish Bay, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electronic motor control. 2,418,070; Dec. 24.

Reeves, John F., Bellport, assignor to Cellu-Service Corporation, New York, N. Y. Making articles from fibrous material. 2,398,326; Apr. 9.

Reeves, John S., Baltimore, Md. Decorticating machine. 2,404,457; July 23.

Reeves, John S., Baltimore, Md. Decorticating machine. 2,404,458; July 23.

Reeves, Paul B., assignor to Reeves Pulley Company, Columbus, Ind. Friction-tipped belt block. 2,406,253; Aug. 20.

Reeves Pulley Company, assignee: *See*—
Falk, Irvin V.
Reeves, Paul B.

Reeves, Richard E., and J. E. Giddens, New Orleans, La., assignors to United States of America as represented by Claude R. Wickard, Secretary of Agriculture, and his successors in office. Stabilization of nitrocellolose. 2,404,887; July 30.

Refined Syrups & Sugars, Inc., assignee: *See*—
Wadsworth, Daniel V., and Hughes.

Refining, Unincorporated, assignee: *See*—
Clayton, Benjamin.
Thurman, Benjamin H.

Refractory & Insulation Corporation, assignee: *See*—
Christenson, Frank.
Clark, Horace N.

Regents of the University of Michigan, The, assignee: *See*—
Blicke, Frederick F.

Regents of the University of Minnesota, assignee: *See*—
Gisvold, Ole.
Smith, Lee I., and Renfrow.
Smith, Lee I., and Ungnade.

Reggio, Ferdinando C., Norwalk, Conn. Engine regulating means. 2,403,398; July 2.

Reggio, Ferdinando C., Detroit, Mich. Powerplant. 2,403,399; July 2.

Rehberg, Chessie E., Philadelphia, Pa., assignor to United States of America as represented by the Secretary of Agriculture, and his successors in office. Azeotropic distillation of methanol from admixture with acrylic esters. 2,406,561; Aug. 27.

Rehberg, Chessie E., Glenside, and C. H. Fisher, Abington, Pa., assignors to the United States of America, as represented by the Secretary of Agriculture. Acrylic esters of glycol mono-ethers. 2,396,434; Mar. 12.

Rehberg, Chessie E., Glenside and C. H. Fisher, Abington, Pa., assignors to United States of America, as represented by the Secretary of Agriculture. Allyl and methallyl esters of lactic and alpha-acetoxypropionic acids. 2,410,551; Nov. 5.

Rehfeld, George W., Manhattan, Kans. Jetty with stabilizer. 2,407,034; Sept. 3.

Rehm, Gustav A., assignor to Riley Stoker Corporation, Worcester, Mass. Furnace wall. 2,393,707; Jan. 29.

Rehnqvist, Nils G., assignor to Aktiebolaget Kanthal, Hallstahammar, Sweden. Machinable alloy for high temperature use. 2,409,797; Oct. 22.

Reiber, Albert H., deceased, by E. Y. Reiber, Evanston, executrix, assignor to Teletype Corporation, Chicago, Ill. Mechanical ciphering system. 2,402,082; June 11.

Reiber, Emily Y.: *See*—
Reiber, Albert H., and Reiber.

Reibig, Eric A.: *See*—
Wiken, Christy A., and Reibig.

Reibold, Walter F., and R. P. Magnenat, assignors to Waterbury Companies, Incorporated, Waterbury, Conn. All-plastic integral eye molded button. 2,396,930; Mar. 19.

Reichard, Vern E., Stinnett, Tex. Core mold for walls. 2,394,261; Feb. 5.

Reichel & Drews, Inc., assignee: *See*—
Westergaard, Carl C.

Reichel, Frank H., assignor to Sylvania Industrial Corporation, Fredericksburg, Va. Treating plastic tubing. 2,401,774; June 11.

Reichel, Frank H., assignor to Sylvania Industrial Corporation, Fredericksburg, Va. Forming and pretesting casings. 2,401,798; June 11.

Reichel, Frank H., and A. E. Craver, assignors to Sylvania Industrial Corporation, Fredericksburg, Va. Forming casings for stuffed products. 2,401,773; June 11.

Reichel, Frank H., and A. O. Russell, assignors to Sylvania Industrial Corporation, Fredericksburg, Va. Apparatus for dialyzing. 2,411,239; Nov. 19.

Reichel, Wladimir A., Hackensack, assignor to Bendix Aviation Corporation, Teterboro, N. J. Fuel air ratio meter. 2,393,708; Jan. 29.

Reichelt, Lester O., Cranford, and D. V. Waters, Flemington, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Valve. 2,404,529; July 23.

Reichhold Chemicals, Inc., assignee: *See*— Siegel, Ernst Fritz.

Reichstein, Tadeus, Basel, Switzerland. Alpha-substituted side-chain ketones of the cyclopentanopolyhydrophenanthrene series and making the same. 2,401,775; June 11.

Reichstein, Tadeus, Basel, Switzerland. Compounds of the cyclopentanopolyhydrophenanthrene series and making same. 2,403,683; July 9.

Reichstein, Tadeus, Basel, Switzerland. Alpha-substituted side-chain ketones of the cyclopentanopolyhydrophenanthrene series. 2,404,768; July 23.

Reichstein, Tadeus, Basel, Switzerland. Compounds of the cyclopentanopolyhydrophenanthrene series and making same. 2,409,798; Oct. 22.

Reid Brothers Company, Inc., assignee: *See*— Woodbury, Stephen E.

Reid, Charles, Edgeware, England. Manufacture and treatment of animal and vegetable materials. 2,400,951; May 28.

Reid, Ebenezer E.: *See*— Francis, Alfred W., and Reid.

Reid, Frederick M., Grosse Pointe, assignor to Fruehauf Trailer Company, Detroit, Mich. Heavy-duty vehicle. 2,398,248; Apr. 9.

Reid, Frederick M., assignor to Fruehauf Trailer Company, Detroit, Mich. Spring suspension. 2,407,345; Sept. 10.

Reid, Frederick M., assignor to Fruehauf Trailer Company, Detroit, Michigan. Tandem axle vehicle. 2,410,747; Nov. 5.

Reid, John D., Mount Healthy, Ohio, assignor to Radio Corporation of America. Frequency responsive control system. 2,402,083; June 11.

Reid, John G., Jr., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,400,137; May 14.

Reid, John G., Jr., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Evaporator for low-pressure refrigerants. 2,408,480; Oct. 1.

Reid, Willard, New York, N. Y. Cigarette conditioner. 2,408,481; Oct. 1.

Reif, Ernest O., and M. Trafton, Jr., La Lima, Honduras, assignors to United Fruit Company, Boston, Mass. Extraction of rubber from plants of the genus cryptostegia. 2,413,654; Dec. 31.

Reiff, Orland M.: *See*— Otto, Ferdinand P., and Reiff.

Reiff, Orland M., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Mineral oil composition. 2,392,766; Jan. 8.

Reiff, Orland M., and H. J. Andress, Jr., Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Mineral oil composition. 2,393,934; Jan. 29.

Reiff, Orland M., and J. D. Zech, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Sulphurized phenolic composition. 2,394,564; Feb. 12.

Reiff, Orland M., and J. D. Zech, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Plastic oxy-aromatic petroleum wax and making the same. 2,401,104; May 28.

Reiff, Orland M., Woodbury, and D. W. Andrus, Wenonah, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Mineral oil composition. 2,401,273; May 28.

Reiff, Orland M., and J. J. Giammaria, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Rubberlike wax substituted aromatic compounds. 2,402,506; June 18.

Reifsnyder, James D., and A. F. Miller, Flushing, assignors to Lily-Tulip Cup Corporation, New York, N. Y. Multistack nested article dispensing apparatus. 2,394,262; Feb. 5.

Reilly, Dermot C., Albany, N. Y. Sear mechanism. 2,399,253; Apr. 30.

Reilly, Frank E., Chicago, Ill., assignor to Electrographic Corporation, New York, N. Y. Stereotype matrix. 2,401,018; May 28.

Reilly, Grace M.: *See*— Reilly, Joe and G. M.

Reilly, Jack E., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Speed control system. 2,399,387; Apr. 30.

Reilly, Jack E., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Regulating system. 2,399,388; Apr. 30.

Reilly, Joe and G. M., Elmhurst, Ill. Torque wrench. 2,407,450; Sept. 10.

Reilly Tar & Chemical Corporation, assignee: *See*— Cislak, Francis E., and Rieger. Cislak, Francis E., and Wheeler.

Reimenschneider, Edmund W., and H. O. Rastetter, assignors to The Union Metal Manufacturing Company, Canton, Ohio. Radio antenna tower. 2,401,799; June 11.

Reimers, Alfred E., Harrington Park, N. J. Electrically-heated device and resistance element therefor. 2,403,022; July 2.

Reimers, Hans A., assignor to The Dow Chemical Company, Midland, Mich. Welding flux for magnesium alloys. 2,396,604; Mar. 12.

Reimuller, Christian J., Chicago, assignor to H. T. Munton, Evanston, Ill. Hydraulic power unit. 2,398,558; Apr. 16.

Reiner, Laszlo: *See*— Buck, Johannes S., and Reiner.

Reiner, Robert, Inc., assignee: *See*— Lambach, Fritz. Lambach, Fritz, and Siegel.

Reinhardt, Fredrick E., Bellflower, assignor to Richfield Oil Corporation, Los Angeles, Calif. Filter leaf. 2,409,705; Oct. 22.

Reinhardt, Louis W., Brockton, Mass. Last. 2,412,008; Dec. 3.

Reinhold, Leonhard F.: *See*— Spencer, James A., and Reinhold.

Reinhold, Leonhard F., Staten Island, N. Y., and J. A. Spencer, Teaneck, N. J., assignors to Radio Corporation of America. Misselection indicator. 2,404,813; July 30.

Reinhold, Leonhard F., Staten Island, N. Y., and J. A. Spencer, Teaneck, N. J., assignors to Radio Corporation of America. Selector. 2,404,814; July 30.

Reiniger, Haigh, Sebring, Fla. Wing tip gun position. 2,407,451; Sept. 10

Reinschmidt, Edward H., Cedar Rapids, Iowa, assignor to Collins Radio Company. Tube locking device. 2,392,410; Jan. 8.

Reintjes, George P., Kansas City, Mo. Pipe hanger. 2,394,263; Feb. 5.

Reis, Eugen, Bruchsal, Baden, Germany; vested in the Alien Property Custodian. Coin counting device. 2,396,605; Mar. 12.

Reisberg, Benjamin and D. Schwarz, Elmhurst, N. Y. Electric lighting switch. 2,412,062; Dec. 3.

Reiser, Alfred A., Buffalo, assignor, by mesne assignments, to H. & A. Manufacturing Co., Binghamton, N. Y. Electrical contact heater. 2,410,362; Oct. 29.

Reisert, August D., St. Louis, and L. C. Rotter, Maplewood, assignors to Lincoln Engineering Company, St. Louis, Mo. Pump. 2,403,122; July 2.

Reisher, Leon: *See*— Lester, William M., and Reisher.

Reishus, Sondre S., Mott, N. Dak. Game carrier. 2,394,805; Feb. 12.

Reising, Eugene G., Hartford, Conn. Trigger stop for firearms. 2,413,520; Dec. 31.

Reiskind, Hillel I., and A. Badmaieff, Indianapolis, Ind., assignors to Radio Corporation of America. Electrical coupling circuits. 2,396,531; Mar. 12.

Reisner, Joseph H., Hagerstown, Md., assignor to Adel Precision Products Corp. Bulkhead conduit support and seal. 2,410,999; Nov. 12.

Reisner, W. H., Mfg. Co., assignee: *See*— Reisner, William H.

Reisner, William H., assignor to The W. H. Reisner Mfg. Co., Inc., Hagerstown, Md. Multiple magnetic valve for organs. 2,392,411; Jan. 8.

Reiss, Max, assignor to Eastman Kodak Company, Rochester, N. Y. Magnifying lens system. 2,394,635; Feb. 12.

Reiter, Adolph, New York, N. Y. Hair curler. 2,411,336; Nov. 19.

Reiter, Alfred A., and F. L. Beman, assignors to Cliffs Dow Chemical Company, Marquette, Mich. Separation of higher phenols from wood distillate. 2,400,466; May 14.

Reiter, Alfred A., and F. L. Beman, assignors to Cliffs Dow Chemical Company, Marquette, Mich. Separation of acetol acetate from wood distillate. 2,401,274; May 28.

Reitmeier, Ronald E., assignor to The Girdler Corporation, Louisville, Ky. Removal of hydrogen sulphide from gas streams. 2,405,672; Aug. 13.

Reitsma, Henry: *See*— Dietz, Robert R., and Reitsma.

Reitzer, Paul, Camp Mackall, Hoffman, N. C. Compass. 2,396,202; Mar. 5.

Relf, Reginald T., Chatham, N. J., assignor to Federal Telephone and Radio Corporation. Conductor grommet assembly. 2,406,852; Sept. 3.

Reliable Sheet Metal Engineering Co., assignee: *See*— Ryno, Juddson B., and Casey.

Reliance Steel Products Company, assignee: *See*— Nagin, Harry S.

Rembert, Ernest W., Hinsdale, Ill., assignor to Johns-Manville Corporation, New York, N. Y. Pipe coupling. Re. 22,782; Aug. 20.

Rembert, Ernest W., Hinsdale, Ill., assignor to Johns-Manville Corporation, New York, N. Y. Manufacture of fiber-cement sheets. 2,401,663; June 4.

Rembert, Ernest W., Hinsdale, Ill., assignor to Johns-Manville Corporation, New York, N. Y. Manufacture of fibro-cementitious sheets. 2,407,514; Sept. 10.

Rembold, Albert A., San Francisco, Calif. Card punch. 2,404,985; July 30.

Remco Electronic, Inc., assignee: *See*— Toomim, Hershel.

Remington Arms Company, Inc., assignee: *See*— Armstrong, Robert E. Birdsall, Edwin H. Burdett, Philip H. Catlin, John P., Eckstein, and Vordahl. Christie, Lewis D. Dorothea, Gale, and Arnott. Finlay, Walter L. Foote, Donald S. Gaulin, Achille G. Horton, Lucien B., and Speed. Howell, John D. Huddleson, Walter D., and Homan. Luster, Donald R., and Rutherford. McCoy, Abram A., and Neumann. Meador, Norward A. Moon, Ernest F. Reynolds, Warren S. Rix, Leon A. Rostagno, Karl Z. Rouse, John W., and Moore. Spraker, Richard A. Whipple, Ernest G. Yates, Chapin W., and Yost. Yost, Kenneth J.

Remington Rand Inc., assignee: *See*— Rice, Earl S., and Kase. Roggenstein, Edwin O. Tolmie, Edgar S. Wilder, Marshall P.

Remus, Valentin; vested in the Alien Property Custodian. Valve. 2,410,105; Oct. 29.

Renard, Roland E.: *See*— Peterson, Howard B., and Renard.

Rend, William P., Chicago, Ill. Message sheet. 2,405,327; Aug. 6.

Rendall, Emma, New York, N. Y. Clerical rabat. 2,394,717; Feb. 12.

Rendel, George H.: *See*— McLaughlin, William H., and Rendel.

Rendel, George H., Mount Lebanon, Pa., assignor to Carnegie-Illinois Steel Corporation. Automatic positioning and welding. 2,412,648; Dec. 17.

Renfrew, Malcolm M.: *See*— Macht, Maurice L., and Renfrew.

Renfrew, Paul, Berkeley, and W. F. Berck, Hayward, assignors to Ralph N. Brodie Company, Oakland, Calif. Slow closing valve control for predetermining counters. 2,395,795; Feb. 26.

Renfrow, William B., Jr.: *See*— Smith, Lee I., and Renfrow.

Reniers, James H., assignee, et al.: *See*— Tiffany, Frank E.

Rennie, Robert F., Little Falls, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Reduction of molybdenum trioxide. 2,398,114; Apr. 9.

Rennie, Robert F., Lake Forest, Ill., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Continuous reduction of molybdenum compounds. 2,402,084; June 11.

Rennlks Company, assignee: *See*— Skinner, Ralph L.

Renshaw, Samuel, Columbus, Ohio. Tachistosopic apparatus. 2,410,237; Oct. 29.

Rentschler, Harvey C., East Orange, and D. E. Henry, Cedar Grove, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Photoelectric device and the manufacture thereof. 2,393,264; Jan. 22.

Renwal Manufacturing Co., Inc., assignee: *See*— Rosenbloom, Irving.

Renzoni, Louis S., Port Colborne, Ontario, Canada, assignor to The International Nickel Company, Inc., New York, N. Y. Electro-refining of nickel. 2,394,874; Feb. 12.

Replogle, George W., Dayton, Ohio. Aircraft enfettering and mooring device. 2,391,921; Jan. 1.

Reppa, Joseph L., Chicago, Ill. Attachment for drill presses or the like. 2,409,706; Oct. 22.

Republic Aviation Corporation, assignee: *See*— Bergh, Roland C. Burrell, George T. Glover, John E., Jr. Jager, Howard M. Jager, Howard M., and Schenk. Kucyn, Chester J. Lescher, George W., and Steet.

Republic Flow Meters Company, assignee: *See*— Rosenberger, Albert J. Yellott, John I., Ackley, and Rosenberger.

Republic Industries, Inc., assignee: *See*— Gaines, Walter S. Martin, William H.

Republic Steel Corporation, assignee: *See*— Morgan, Milton F. Stewart, William M. Whitehouse, Irving, and Chambers. Whitehouse, Irving, Schofield, and Cummings.

Research Consultants Limited, assignee: *See*— Smith, Frederick G.

Research Corporation, assignee: *See*— Bush, Vannevar, and Caldwell. Daskais, Morris H., and Fields. Fieser, Louis F. Hall, William M. Hamilton, James H., and White. Hauser, Ernst A., and Dannenberg. Hedberg, Carl W. J. Meston, Archibald F. Milas, Nicholas A. Milas, Nicholas S. Overbeck, Wilcox P. Pecher, Charles. Sloan, David H. White, Tarry J.

Research Developing Associates, Inc., assignee: *See*— Svirsky, Bennett.

Resek, Jules Y.: *See*— Cleaver, John C., and Resek.

Resek, Marc, Cleveland Heights, assignor to Perfection Stove Company, Cleveland, Ohio. Heating apparatus. 2,393,411; Jan. 22.

Resek, Marc, Cleveland Heights, assignor to Perfection Stove Company, Cleveland, Ohio. Heating system of the circulating liquid class. 2,399,941; May 7.

Resek, Marc, Cleveland Heights, assignor to Perfection Stove Company, Cleveland, Ohio. Thermosiphon liquid circulating heating system. 2,399,942; May 7.

Resek, Marc, Cleveland Heights, assignor to Perfection Stove Company, Cleveland, Ohio. Telescoping flue. 2,404,530; July 23.

Resides, Wilbur C.: *See*— Walsh, Allen A., and Resides.

Resina, Manuel S., Brooklyn, N. Y. Cap chuck. 2,409,899; Oct. 22.

Resinous Products & Chemical Co., The, assignee: *See*— Auten, Robert W., and Herr. Auten, Robert W., and Rainey. Bruson, Herman A. Bruson, Herman A., and Riener. Eastes, John W. Robinson, Jack D., and Myers.

Resistoflex Corporation, assignee: *See*— Dangelmajer, Charles. Porter, Charles A.

Resk, Michel, New Rochelle, N. Y. Professional photographic camera. 2,408,811; Oct. 8.

Resler, Ernest D.: *See*— Jones, Jay S.

Resnick, Benjamin, Bronx, N. Y. Tie lock. 2,396,751; Mar. 19.

Resnick, David, Portland, Maine. Restaurant-booth bench. 2,400,167; May 14.

Reso, Sam: *See*— Lindsay, John H., and Reso.

Restivo, Angelo: *See*— Liptay, John M., and Restivo.

Retherford, Robert C.: *See*— Okress, Ernest C., Nelson, and Retherford.

Rethorst, Scott, Los Angeles, Calif., assignor, by mesne assignments, to Consolidated Vultee Aircraft Corporation. Fuel container and method of making same. 2,406,903; Sept. 3.

Rettaliata, John T.: *See*— Allen, Robert C., and Rettaliata.

Rettenmeyer, Francis X., Moorestown, N. J., assignor to Radio Corporation of America. Ultra high frequency ignition system. 2,408,881; Oct. 8.

Reub, Theodore O., Chicago, Ill., assignor to The Sherman-Klove Co., Chicago, Ill. Torque wrench. 2,398,330; Apr. 9.

Reuter, Gottfried, South Milwaukee, assignor to Bucyrus-Erie Company, Milwaukee, Wis. Support for clutch bands. 2,406,038; Aug. 20.

Reutlinger, Emile C., Somerville, Mass., assignor of one-half to J. P. Hussar, Weymouth Landing, Mass. Mechanical movement. 2,398,963; Apr. 23.

Revere Camera Company, assignee: *See*— Briskin, Theodore S.

Revere Copper and Brass Incorporated, assignee: *See*— Bunn, Edward S. Wilkins, Richard A., and Bunn.

Revlon Products Corporation, assignee: *See*— Nehrke, Charles.

Revo Electric Co. Limited, assignee: *See*— Reeves, Frederick H.

Reyburn, John R.: *See*— Kuhnl, Leopold, and Reyburn.

Reyniers, James A., Niles, Mich. Surgical operating device. 2,403,400; July 2.

Reynolds, Alfred T., and S. S. Mercatante, New York, N. Y. Launching apparatus. 2,395,066; Feb. 19.

Reynolds, Clarence, Louisville, Ky. Siphon cleaner. 2,397,156; Mar. 26.

Reynolds, David W.: *See*— Turtle, Rupert C., and Reynolds.

Reynolds, Delbert D.: *See*—
Kenyon, William O., and Reynolds.
Reynolds, Ellwood W., Westfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Method and apparatus for balancing rotating members. 2,394,482; Feb. 5.
Reynolds, Frank D., assignor to Gaylord Products, Incorporated, Chicago, Ill. Hair fastener. 2,396,389; Mar. 12.
Reynolds, Frank D., assignor to Gaylord Products, Incorporated, Chicago, Ill. Hair curler. 2,396,606; Mar. 12.
Reynolds, Frank D., assignor to Gaylord Products, Incorporated, Chicago, Ill. Hair curler. 2,410,106; Oct. 29.
Reynolds, Frederick A., Denver, Colo. Ratchet mechanism. 2,404,092; July 16.
Reynolds, Frederick N., Augusta, Ky. Lathe center. 2,397,371; Mar. 26.
Reynolds, Frederick W., Ridgewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Television follower apparatus. 2,403,023; July 2.
Reynolds, George A., Jr.: *See*—
Rankin, Dan R., and Reynolds.
Reynolds, George A., Jr., Los Angeles, assignor to Food Machinery Corporation, San Jose, Calif. Amphibian steering device. 2,408,955; Oct. 8.
Reynolds, Harold C.: *See*—
Kellog, Henry B., and Reynolds.
Reynolds, Harold C., Athens, Pa., assignor to Ingersoll-Rand Company, New York, N. Y. Fluid actuated tool. 2,401,190; May 28.
Reynolds, Howard, Springfield, Ohio. Signal flash. 2,409,957; Oct. 22.
Reynolds, James H., Indianapolis, Ind., assignor to Radio Corporation of America. Inspection machine for packaged goods. 2,393,188; Jan. 15.
Reynolds, Mary A., assignee: *See*—
Anthony, Leon P.
Reynolds Metals Company, assignee: *See*—
Babcock, Gordon M.
Beneke, Charles.
Kohlhepp, Norman.
Reynolds, Richard S.
Zdanaitis, Vit.
Zeigler, Paul G., and Householder.
Reynolds Metals Corporation, assignee: *See*—
Buchanan, Thomas B., and Pape.
Reynolds, Reginald, Carpinteria, Calif. Fishing reel. 2,400,317; May 14.
Reynolds & Reynolds Company, The, assignee: *See*—
Curmode, Harry P., and Gardiner.
La Hatte, James A., and Smith.
Reynolds, Richard S., assignor to Reynolds Metals Company, Richmond, Va. Reinforcing liner and package for cigarettes and other articles. 2,404,312; July 16.
Reynolds, Robert L., Washington, D. C., and H. M. Rice, Syracuse, assignors to The Solvay Process Company, New York, N. Y. Removing greasy deposits from concrete, wood, and tile surfaces. 2,403,612; July 9.
Reynolds, Robert L., Washington, D. C., and H. M. Rice, Syracuse, assignors to The Solvay Process Company, New York, N. Y. Removing greasy deposits from concrete, wood, and tile surfaces. 2,403,613; July 9.
Reynolds Spring Company, assignee: *See*—
Reed, Clair S.
Reynolds, Warren S., Stratford, assignor to Remington Arms Company, Inc., Bridgeport, Conn. Trimming machine. 2,406,562; Aug. 27.
Reynolds, William B., Cincinnati, Ohio, and S. S. Rossander, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Chromable monazo dye. 2,396,343; Mar. 12.
Reynolds, William E., Coquille, Oreg. Measuring instrument. 2,401,962; June 11.
Reyrolle, A., & Company Limited, assignee: *See*—
Bayles, John W.
Bayles, John W., and Robertson.
Rheem Manufacturing Company, assignee: *See*—
Dailey, Gardner A.
Rheem Research Products Incorporated, assignee: *See*—
King, Vernon J.
Taylor, Albert G.
Thomas, Robert M., and Ostrander.
Rhees, William B., Augusta, Kans. Process and apparatus for the demulsification of hydrocarbons. 2,400,713; May 21.
Rheras, Peter C., Detroit, Mich. Holder attachment for sharpening safety razor blades. 2,392,264; Jan. 1.
Rheinberger, Eberhard, Berlin, Germany; vested in the Alien Property Custodian. Manufacturing a composition from waste liquor of cellulose. 2,400,053; May 7.
Rhemeck, Alfred E., and S. B. Crecelius, Louisville, Ky., assignors to Devoi & Raynolds Company, Inc. Preparation of varnish compositions. 2,403,300; July 2.
Rhinehart, Fred T.: *See*—
Corrigan, Joseph J., and Rhinehart.
Rhines, Thomas B., Glastonbury, assignor to United Aircraft Corporation, East Hartford, Conn. Air flow inducing device. 2,401,584; June 4.
Rhoades, Donald A., Palo Alto, and G. B. Scheer, Berkeley, Calif., assignors, by mesne assignments, to The Permanente Metals Corporation. Electrode sealing means. 2,405,236; Aug. 6.
Rhoades, Russell G., San Francisco, Calif., assignor to Bechtel Brothers McCone Company. Radiographic inspection method. 2,412,174; Dec. 3.
Rhodes, Harold A., Bloomfield, N. J., assignor to American Telephone and Telegraph Company. Frequency diversity telegraph system. 2,397,884–5; Apr. 2.
Rhodes, Herbert D.: *See*—
Rouault, George F., and Rhodes.
Rhodes, James H., & Company, assignee: *See*—
Englund, Leonard H.
Levine, Maurice.
Rimer, Lewis K.
Rhodes, Jay C., Seattle, Wash. Venetian blind. 2,396,435; Mar. 12.
Rhodes, John W., Indianapolis, Ind., assignor to J. D. Adams Manufacturing Company. Locking device. 2,402,842; June 25.
Rhodes, M. H., Inc., assignee: *See*—
Rhodes, Marcus H.
Rhodes, Marcus H., assignor to M. H. Rhodes, Inc., Hartford, Conn. Timing device. 2,408,997; Oct. 8.
Rhodes, Marcus H., assignor to M. H. Rhodes, Inc., Hartford, Conn. Escapement. 2,408,998; Oct. 8.
Rhodes, William W.: *See*—
Park, Joseph D., and Rhodes.
Ribiet, Royal N., Spokane, Wash. Power-driven scaffold. 2,396,127; Mar. 5.
Ricardo, Harry R., London, England. Centrifugal governor. 2,392,265; Jan. 1.
Ricardo, Harry R., London, England. Making weights for centrifugal governors. 2,392,266; Jan. 1.
Ricart, Wifredo, Barcelona, Spain. Crankcase and cylinder cooling. 2,397,434; Mar. 26.
Ricart, Wilfredo, Barcelona, Spain. Mechanisms for regulating pumps for internal-combustion engines. 2,398,460; Apr. 16.
Riccitiello, Michael, Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Liquid coating compositions. 2,411,554; Nov. 26.
Rice Barton Corporation, assignee: *See*—
Clem, Everett W.
Rice, Charles J., Bexleyheath, England. Supporting and/or facilitating the erection of posts, stanchions, pipes, and the like. 2,392,549; Jan. 8.
Rice, Chester W., Schenectady, N. Y., assignor to General Electric Company. High-frequency apparatus. 2,412,631; Dec. 17.
Rice, Earl S, Fanwood, N. J., and O. E. Kase, Valley Stream, assignors to Remington Rand Inc., Buffalo, N. Y. Card feeding mechanism. 2,402,774; June 25.
Rice, Edward A., Claremont, N. H., assignor to Sullivan Machinery Company. Drill steel guide. 2,394,806; Feb. 12.
Rice, Edward A. B., Newton Abbot, and A. G. Rose and S. Curtis, Gainsborough, said Rose and said Curtis assignors to Rose Brothers (Gainsborough) Limited, Gainsborough, England. Gun mounting. 2,411,114; Nov. 12.
Rice, Edward E., assignee, et al., trustee: *See*—
Johnson, Melvin M., Jr.
Rice, Edward E., trustee, assignee: *See*—
Johnson, Melvin M., Jr.
Rice, Emery M., assignee, et al.: *See*—
Pruitt, Harvey E.
Rice, Harlan M.: *See*—
Reynolds, Robert L., and Rice.
Rice, Harold W., assignor to Grayson Heat Control, Ltd., Lynwood, Calif. Valve. 2,394,105; Feb. 5.
Rice, Hudson D., Dallas, Tex. Rotary engine and sealing the same. 2,396,882; Mar. 19.
Rice, Mildred H., Pasadena, Calif. Shoe preserver. 2,413,071; Dec. 24.
Rice, Thomas G., Huyton, near Liverpool, England, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Electrical circuit employing nonlinear resistance material. 2,409,150; Oct. 8.
Rich, Charles C., Bridgeport, Conn. Safety trap for disabled brake gears. 2,393,121; Jan. 15.
Rich, Clayton L., Los Angeles, Calif. Wrench. 2,410,392; Oct. 29.
Rich, Everett W., San Diego, Calif. Rotary combustion engine. 2,402,257; June 18.
Rich, Everett W., San Diego, Calif. Rotary combustion engine. 2,403,684; July 9.
Rich, George H.: *See*—
Trilling, David M., and Rich.
Rich, Paul C., assignor to Western Precipitation Corporation, Los Angeles, Calif. Multistage centrifugal separating apparatus. 2,399,509; Apr. 30.
Rich, Theodore A., Schenectady, N. Y., assignor to General Electric Company. Magnetic clutch. 2,411,055; Nov. 12.
Richards, Carroll H., Boston, Mass. Two and one direction silent overriding and positive driving overriding mechanism. 2,407,099; Sept. 3.
Richards, Carrol H., Boston, Mass. Impact tool mechanism. 2,408,228; Sept. 24.
Richards, Claude L., London, England, assignor to The Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Tuning mechanism for wireless sets. 2,397,435; Mar. 26.
Richards, Dwight, assignor to The Buda Company, Harvey, Ill. Motorcar. 2,401,316; June 4.

Richards, Dwight, assignor to The Buda Company, Harvey, Ill. Motorcar. 2,401,317; June 4.
Richards, Dwight, and S. T. Comfort, assignors to The Buda Company, Harvey, Ill. Crossing gate. 2,401,275; May 28.
Richards, Oscar W.: *See*—
Bennett, Alva H., and Richards.
Richards, Oscar W., Snyder, N. Y., assignor, by mesne assignments, to American Optical Company, Southbridge, Mass. Microscope. 2,404,888; July 30.
Richards, Prescott L., Summit, N. J., assignor to Standard Oil Development Company. Chemical process. 2,402,448; June 18.
Richards, Raymond, Birkdale, Southport, England. Device for use in the making of drawings. 2,401,105; May 28.
Richards, Stanley T. A.: *See*—
Petter, William E. W., Widgery, and Richards.
Richards, William S., Medford, Mass. Sanitary self cleaning comb and case. 2,398,039; Apr. 9.
Richards, Wilma Rhodes, assignee: *See*—
Burbank, Clifford D., and Harry.
Richardson, Alan C., Berkeley, assignor to California Packing Corporation, San Francisco, Calif. Proportioning vitamin carrying mediums in food products. 2,395,067; Feb. 19.
Richardson, Arthur B., and D. C. Thompson, Roanoke, Va., assignors to American Viscose Corporation, Wilmington, Del. Device for impregnating filamentary packages with liquids. 2,405,520; Aug. 6.
Richardson, Avery G., Boonton, N. J., and F. O. Chesus, Islip, N. Y., assignors to Federal Telephone and Radio Corporation, Newark, N. J. Rotary position corrector. 2,406,853; Sept. 3.
Richardson, Donald E., and R. E. Yates, assignors to Drying Systems, Inc., Chicago, Ill. Burner safety control. 2,410,524; Nov. 5.
Richardson, Earl L., Bound Brook, and K. L. Russell, Nutley, assignors to Colgate-Palmolive-Peet Company, Jersey City, N. J. Antiperspirant preparation. 2,412,535; Dec. 10.
Richardson, Elmer C., assignor to Mole-Richardson Co., Los Angeles, Calif. Arc lamp and operating same. 2,396,436; Mar. 12.
Richardson, Ernest L., Melrose, Mass., assignor to General Electric Company. Drafting of fibers. 2,407,100; Sept. 3.
Richardson, George, and J. Horlick, Lynn, Mass., assignors to General Electric Company. Gas-arc hand torch. 2,411,465; Nov. 19.
Richardson, Henry K., Bloomfield, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Lamp base. 2,407,998; Sept. 24.
Richardson, Henry K., Bloomfield, F. A. Newcombe, Nutley, and A. H. Laidig, Bloomfield, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Method and apparatus for molding glass articles. 2,393,265; Jan. 22.
Richardson, John H., Needham, assignor to Polaroid Corporation, Cambridge, Mass. Mold for use in the manufacture of optical elements. 2,406,401; Aug. 27.
Richardson, Lawrence, Cambridge, Mass. Snow melting apparatus. 2,401,106; May 28.
Richardson, Martin A., assignor to J. I. Case Company, Racine, Wis. Vehicle draw bar. 2,409,313; Oct. 15.
Richardson, Max S.: *See*—
Edwards, William H., and Richardson.
Richardson, Norval R., Alexandria, Va. Jet propelled toy. 2,410,682; Nov. 5.
Richardson, Ralph S.: *See*—
Schideler, Pierre, and Richardson.
Richardson, Rodney G., assignor to George W. Borg Corporation, Chicago, Ill. Timing apparatus. 2,398,249; Apr. 9.
Richardson, Roger W., Baton Rouge, La., assignor to Standard Oil Development Company. Catalytic cracking and catalyst reactivation. 2,397,505; Apr. 2.
Richardson Taylor-Globe Corporation, The, assignee: *See*—
Marx, Frank A.
Richardson, William G., Westwood, Mass. Air distributing duct. 2,395,233; Feb. 19.
Richens, Arthur W., Toronto, Ontario, assignor to E. S. & A. Robinson (Canada) Limited, Leaside, Ontario, Canada. Tobacco pouch. 2,396,437; Mar. 12.
Richey, Clarence B., assignor to Electric Wheel Company, Quincy, Ill. Loader. 2,397,045; Mar. 19.
Richey, Clarence B., assignor to Electric Wheel Company, Quincy, Ill. Loader. 2,397,046; Mar. 19.
Richfield Oil Corporation, assignee: *See*—
Reinhardt, Fredrick E.
Richie, Therman L.: *See*—
Greene, Oren W., Twitty, and Richie.
Richker, Charles, and Du B. Eastman, Port Arthur, Tex., assignors to The Texas Company, New York, N. Y. Catalytic conversion of hydrocarbon oils. 2,404,595; July 23.
Richmond, Burnell E., and P. C. Wilbur, assignors to Richmond-Chase Co., San Jose, Calif. Dried fruit packaging. 2,411,896; Dec. 3.
Richmond-Chase Co., assignee: *See*—
Richmond, Burnell E., and Wilbur.
Richmond, George, Brooklyn, N. Y. Adjustable splint. 2,401,107; May 28.
Richmond, Martin R., Brooklyn, N. Y., assignor to Radio Corporation of America. Ultra-high frequency apparatus. 2,403,302; July 2.
Richmond, Martin R., Washington, D. C., assignor to Radio Corporation of America. Ultra-high frequency apparatus. 2,403,303; July 2.
Richmond, Nelson R., Thompsonville, assignor to United Aircraft Corporation, East Hartford, Conn. Remote indicating means. 2,393,189; Jan. 15.
Richmont, Inc., assignee: *See*—
Livermont, Frank W.
Richolson, Abraham L., Brooklyn, N. Y. Measuring gauge for fuel oil tanks. 2,410,525; Nov. 5.
Richon, André, Sous-Geronde, Chippis, Valais, Switzerland. Making artificial carbon pieces. 2,403,301; July 2.
Richter, A. M., Sons, Co., assignee: *See*—
Silbernagel, Frederick C.
Richter, Carl, Chicago, Ill. Manufacture of full-fashioned hosiery. 2,395,908; Mar. 5.
Richter, Henry J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Modified vinyl chloride-fumaric ester copolymer. 2,395,581; Feb. 26.
Richter, Henry J., and H. S. Rothrock, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymerized esters of carboxylic acids and preparation of same. 2,410,305; Oct. 29.
Rick, Charles, Highland Park, Mich. Combination storm window. 2,397,807; Apr. 2.
Rickelmann, Gustav W. B., assignor of forty percent to V. Mosca, Paterson, N. J. Loom. 2,413,155; Dec. 24.
Rickenmann, Alfred, Zurich, Switzerland. Measuring and testing device. 2,407,576; Sept. 10.
Rickenmann, Alfred, Zurich, Switzerland. Device for dressing grinding disks. 2,407,577; Sept. 10.
Ricker, Richard W.: *See*—
Mook, Glenn C., and Ricker.
Ricketts, James R., Berkeley, Calif. Device for facing the slide valve seat of triple valves. 2,402,775; June 25.
Ricketts, Joseph L., Frankfort, Ind. Grain housing wagon body. 2,411,056; Nov. 12.
Rickland, Martin, Durban, Natal, Union of South Africa. Apparatus for handling vehicles. 2,412,609; Dec. 3.
Ridbo Laboratories, Inc., assignee: *See*—
Kalman, Nicholas L.
Webb, Frederick J.
Zeiss, Harold H.
Riddell, Donald J., Ardmore, Pa. Contact lens. 2,393,266; Jan. 22.
Riddell, William A., assignor to The General Engineering Company, Frederick, Md. Stoker. 2,392,189; Jan. 1.
Riddell, William A., assignor to The General Engineering Company, Frederick, Md. Ash remover. 2,393,412; Jan. 22.
Ridder, Joseph U., Lakewood, assignor to The Yoder Company, Cleveland, Ohio. Welding apparatus. 2,400,889; May 28.
Ridderstrom, Andrew R., Nahant, assignor to Prime Manufacturing Company, Lynn, Mass. Shoemaking. 2,393,566; Jan. 22.
Riddle, Harvey W., Branford, Conn., assignor to The American Steel and Wire Company of New Jersey. Torpedo net. 2,408,482; Oct. 1.
Ridener, Everett H., assignor of one-half to W. F. Ridener, Evansville, Ind. Amusement apparatus. 2,402,843; June 25.
Ridener, Wayne F., assignee: *See*—
Ridener, Everett H.
Rideout, John G., Chagrin Falls, assignor to Gendron Wheel Company, Perrysburg, Ohio. Folding wheel chair. 2,402,085; June 11.
Rideout, Vincent C.: *See*—
Friis, Harald T., and Rideout.
Rider, Harry N., assignor to "Automatic" Sprinkler Company of America, Youngstown, Ohio. Pressure actuated sprinkler valve. 2,398,461; Apr. 16.
Rider, Harry N., assignor to "Automatic" Sprinkler Company of America, Youngstown, Ohio. Fluid pressure actuated valve. 2,400,372; May 14.
Ridgefield Manufacturing Corporation, assignee: *See*—
Gassner, Alfred A.
Ridgway, Edmund T., Oaklyn, N. J., assignor to The Budd Company, Philadelphia, Pa. Spring suspension. 2,411,337; Nov. 19.
Ridgway, Edmund T., Oaklyn, N. J., assignor to The Budd Company, Philadelphia, Pa. Spot welding. 2,412,175; Dec. 3.
Ridgway, Joseph W., Detroit, Mich., assignor to Sterling Engine Company, Buffalo, N. Y., Diffuser. 2,399,826; May 7.
Riding, Herbert: *See*—
Lord, Wilfrid, and Riding.
Riding, Thomas, assignor to Goodall-Sanford, Inc., Sanford, Maine. Pile fabric for abrasive base. 2,397,808; Apr. 2.
Ridings, Garvice H.: *See*—
Hieronymus, Charles G., Ridings, and Wise.
Wise, Raleigh J., and Ridings.

Ridings, Garvice H., Summit, N. J., assignor to The Western Union Telegraph Company, New York, N. Y., Automatic facsimile telegraph system. 2,396,286; Mar. 12.

Ridings, Garvice H., Summit, and R. J. Wise, Dunellen, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Facsimile telegraph system and apparatus. Re. 22,819; Dec. 17.

Riebe, Theodore C., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Electrical apparatus. 2,395,939; Mar. 5.

Riebe, Theodore C., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Switching key. 2,400,952; May 28.

Rieger, Frank, assignor to Interval Instruments, Inc., New York, N. Y. Time interval meter. 2,401,019; May 28.

Rieger, Frank, assignor to Interval Instruments, Inc., New York, N. Y. Mechanically tuned oscillator. 2,412,536; Dec. 10.

Riegel, Frederick W., Belle Vernon, Pa. Adjustable guides for flame hardening torches. 2,404,656; July 23.

Riegel Paper Corporation, assignee: *See*—
Borden, George C., Jr., and Karlson.

Rieger, Ernest W., Bloomingdale, Ohio, and C. J. Klein, Mariand Heights, W. Va., assignors to National Steel Corporation. Electroplating. 2,399,254; Apr. 30.

Rieger, William H.: *See*—
Cislak, Francis E., and Rieger.

Riehl, Harmon B., Boston, Mass., assignor to The Pacific Lumber Company, San Francisco, Calif. Composite butting. 2,398,159; Apr. 9.

Rieke, Sidney C., Mission, Tex. Waxing machine. 2,408,812; Oct. 8.

Riemann, Howard C., West Milwaukee, and J. R. Thorp, assignors to The Fulton Company, West Allis, Wis. Trailer coupling. 2,392,063; Jan. 1.

Riemann, Howard C., West Milwaukee, and J. R. Thorp, assignors to The Fulton Company, West Allis, Wis. Trailer hitch. 2,408,531; Oct. 1.

Riener, Thomas W.: *See*—
Bruson, Herman A., and Riener.

Rienstra, Albert R., Garden City, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electronic musical instrument. 2,401,372; June 4.

Ries, Kernell G., Niagara Falls, N. P. Roble, Lewiston, and P. von Doenhoff, assignors to The Carborundum Company, Niagara Falls, N. Y. Abrasive article and making. 2,404,192; July 16.

Riesing, Ellwood F., Pontiac, Mich., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Motor mounting. 2,393,505; Jan. 22.

Rieske, Otto G., Buffalo, N. Y. Roller skate. 2,412,290; Dec. 10.

Riesmeyer, August H., Collinsville, Ill., assignor to Aluminum Company of America, Pittsburgh, Pa. Removing sodium from alumina. 2,411,807; Nov. 26.

Riesmeyer, August H., Collinsville, and W. H. Gitzen, Belleville, Ill., assignors to Aluminum Company of America, Pittsburgh, Pa. Purification of alumina. 2,411,806; Nov. 26.

Riess, August H., Lawndale, assignor of one-third to H. G. Manley, Hawthorne, Calif. Electric flatiron and control therefor. 2,405,270; Aug. 6.

Riess, John, St. Louis, Mo., assignor to Henry Hotze & Sons Company. Making luggage framework. 2,397,506; Apr. 2.

Riethof, George, Mount Lebanon, Pa. Separating 3-picoline, 4-picoline, and 2,6-lutidine. 2,412,649; Dec. 17.

Riethof, George, Mount Lebanon, Pa. Separating 3-picoline, 4-picoline, and 2,6-lutidine. 2,412,650; Dec. 17.

Riethof, George, Mount Lebanon, Pa. Separating 3-picoline, 4-picoline, and 2,6-lutidine. 2,412,651; Dec. 17.

Riethof, George, Mount Lebanon, Pa., assignor to Pittsburgh Coke & Chemical Company. Recovery of pure beta-picoline. 2,402,667; June 25.

Riethof, George, Mount Lebanon, Pa., assignor to Pittsburgh Coke & Chemical Company. Recovery of pure 3-picoline. 2,403,949; July 16.

Rietz, Earl B., Lansdowne, and D. K. Tower, Newtown Square, Pa., assignors to General Electric Company. Electric circuit breaker. 2,401,963; June 11.

Rietz, Edward L., Riverside, Ill. assignor to International Harvester Company. Side delivery rake. 2,403,401; July 2.

Rifenbergh, Clare M.: *See*—
Shank, Clifford A., and Rifenbergh.

Riffin, Jacob, Wilkes-Barre, Pa. Seal lock. 2,411,115; Nov. 12.

Riffin, Milton, Denver, Colo. Self-serve automatic registering device. 2,408,581; Oct. 1.

Rigby, George W.: *See*—
Hanford, William E., and Rigby.

Rigby, George W., and H. E. Schroeder, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Fluoracetamides and their preparation. 2,409,315; Oct. 15.

Riggles, William M., Jr., B. B. Ramey, guardian of the estate of said W. M. Riggles, Jr., assignor to The Glenn L. Martin Company, Middle River, Md. Landing gear housing door. 2,406,710; Aug. 27.

Riggs, Alger S., Washington, D. C., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Apparatus for electrical control. 2,408,813; Oct. 8.

Riggs, Charles C., Roscoe, Calif. Nursing bottle holder. 2,399,389; Apr. 30.

Riggs, Harold C., Langhorne Manor, and W. W. Smith, Philadelphia, Pa., assignors to The Electric Storage Battery Company. Acid-releasing means for deferred action type batteries. 2,404,144; July 16.

Riggs, Homer C.: *See*—
Higginson, Joseph H., and Riggs.

Riggs & Lombard, Inc., assignee: *See*—
Higginson, Joseph H., and Riggs.

Rightmyer, Holden W., assignor to The American Swiss Company, Toledo, Ohio. Vehicle door latch. 2,407,999; Sept. 24.

Rigrod, William W., Bloomfield, and D. G. Clifford, Montclair, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Coaxial terminal assembly. 2,408,271; Sept. 24.

Rike, Richard C.: *See*—
Rasmussen, Olaf, and Rike.

Riker, Malcolm D., Detroit, Mich. Overflow device for liquid containers. 2,405,849; Aug. 13.

Riker, Robert T., and J. H. Molat, Brooklyn, N. Y. Fluorescent lighting fixture servicing implement. 2,409,900; Oct. 22.

Riley, Joseph F., Chicago, Ill., assignor, by mesne assignments, to the Government of the United States of America, as represented by the Secretary of the Navy. Desiccator unit. 2,396,474; Mar. 12.

Riley Stoker Corporation, assignee: *See*—
Kuhner, Max H.
Rehm, Gustav A.
Smith, Eric H.

Rilling, Floyd E., Anderson, assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Variable resistance. 2,396,970; Mar. 19.

Rimer, Lewis K., Evanston, assignor to James H. Rhodes & Company, Chicago, Ill. Cleansing device. 2,395,068; Feb. 19.

Rimer, Ralph R.: *See*—
Elmer, William R., and Rimer.

Rinderknecht, Heinrich: *See*—
Bergel, Franz, Hindley, Morrison, and Rinderknecht.

Rines, Albert H., Amesbury, and J. Hardy, and D. J. O'Keefe, Newburyport, Mass., assignors to Hytron Corporation. Box end folding machine. 2,410,393; Oct. 29.

Ring, Douglas H., Red Bank, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Frequency adjustment of resonant cavities. 2,406,402; Aug. 27.

Ring, Douglas H., Red Bank, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coupling system. 2,410,838; Nov. 12.

Ring, Joseph E.: *See*—
Abbott, Edward J., Perry, and Ring.

Ringer, Arthur, Paola, Kans. Stereoscopic printer. 2,393,567; Jan. 22.

Ringer, Arthur, Paola, Kans. Camera. 2,395,194; Feb. 19.

Ringer, Luther: *See*—
Geldhof, Peter E., and Ringer.

Ringer, Robert L., Jr., assignor to The Taylor-Wingfield Corporation, Warren, Ohio. Control of welding current. 2,392,101; Jan. 1.

Ringham, Clarence R., Oklahoma City, Okla., assignor to Phillips Petroleum Company. Alkylation process. 2,409,389; Oct. 15.

Ringle, Donald F., Springfield, Vt., assignor, by mesne assignments, to the Government of the United States of America. Collocating gauge. 2,404,889; July 30.

Ringler, William A., Wayne, Pa., assignor to The Gardner-Richardson Company, Middletown, Ohio. Berry box or the like. 2,406,254; Aug. 20.

Ringler, William A., Wayne, Pa., assignor to The Gardner-Richardson Company, Middletown, Ohio. Foldable end wall carrier and carton. 2,406,711; Aug. 27.

Ringler, William A., Wayne, Pa., assignor to The Gardner-Richardson Company, Middletown, Ohio. Bottle carrier. 2,407,798; Sept. 17.

Ringrose, Joseph E., Redmond, Oreg. Hay loading apparatus. 2,410,238; Oct. 29.

Ringwald, Clarence, Springfield, Ohio. Electrode holder. 2,411,980; Dec. 3.

Riordan, Howard C., assignee: *See*—
Mott, Carl W.

Rios Y Márquez, Enrique J., Lawton, Habana, Cuba. Fruit peeling device. 2,410,683; Nov. 5.

Ripley, Arnold C., Windsor, Ontario, Canada. Destroying vegetable matter in pipes. 2,397,328; Mar. 26.

Rippeteau, Walter L., Jr., Baltimore, Md., assignor to Phillips Petroleum Company. Purification of toluene. 2,412,010; Dec. 3.

Risch, Rudolf: *See*—
Gaudenzi, Arthur, and Risch.

Rissler, Lennie R.: *See*—
Dunlop, James, and Rissler.

Ritchie, Alexander J., assignor to Electric Boat Company, Bayonne, N. J. Synthetic fog or smoke. 2,407,384; Sept. 10.

Ritchie, W. C., and Company, assignee: *See*—
Gleisner, Walter J.

Ritenour, Daniel W., Winchester, Va. Rotary cultivator and means of attachment to agricultural implements. 2,393,190; Jan. 15.

Ritter Company, Inc., assignee: *See*—
Lauterbach, Norman E.
Maxson, Clarence G.
Ziegler, Eugene R.

Ritter, George, Millington, N. J., assignor to The Ruberoid Co., New York, N. Y. Core support for extrusion machines. 2,392,190; Jan. 1.

Ritter, Irving S., Plainfield, N. J., assignor, by mesne assignments, to Westinghouse Electric Corporation, East Pittsburgh, Pa. Refrigerating apparatus. 2,405,448; Aug. 6.

Ritter, John G., Springfield, Mass., assignor to Westinghouse Electric Corporation, Pittsburgh, Pa. Stabilizing apparatus. 2,395,940; Mar. 5.

Ritter Products Corporation, assignee: *See*—
Johnson, Herbert B.

Rittschof, William L., and W. A. Proell, assignors to Standard Oil Company, Chicago, Ill. Protecting rubber products. 2,392,881; Jan. 15.

Ritzert, Robert W., assignor to The Egry Register Co., Dayton, Ohio. Carbon feeding manifolding machines. 2,407,799; Sept. 17.

Rival Manufacturing Company: *See*—
Grant, Albert E.
Talge, Henry J., and Landry.

Riverside & Dan River Cotton Mills, Inc., assignee: *See*—
Womble, Glenn F.

Riverside Steel Company, assignee: *See*—
Ice, James N.

Rix, Leon A., Ilion, N. Y., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Firearm. 2,402,086; June 11.

Rixon, John F., Hudson, N. Y. Flight conveyer. 2,403,024; July 2.

Roach, Charles J., Hamilton, Ohio. Refrigerator defroster. 2,400,168; May 14.

Roach, Earl M., assignor to Arvey Corporation, Chicago, Ill. Structural toy. 2,408,272; Sept. 24.

Roach, Earl M., assignor to Arvey Corporation, Chicago, Ill. Collapsible framed display. 2,408,532; Oct. 1.

Roach, Wendell W., Kansas City, Mo., and D. G. Blaker, Mission, Kans., assignors to Phillips Petroleum Company. Catalyst chamber. 2,399,827; May 7.

Roadless Traction Limited, assignee: *See*—
Johnson, Philip H.

Robaczynski, Ladislaus, Brooklyn, N. Y. Driving mechanism for machine tables. 2,396,128; Mar. 5.

Robaczynski, Ladislaus, Brooklyn, N. Y. Lubricating system. 2,411,391; Nov. 19.

Robarts, Ernest L.: *See*—
Wood, John E.

Robb, Frank B., Chagrin Falls, Ohio. Scraper vehicle. 2,396,287; Mar. 12.

Robb, Mike, assignee: *See*—
Toohey, Patrick F.

Robb, Phillip F.: *See*—
Phillips, Herman C., and Robb.

Robbins, James S., Highland Park, Ill. Hose coupling. 2,411,057; Nov. 12.

Robbins, Leo, New York, N. Y., assignor, by mesne assignments, to Reconstruction Finance Corporation. Drilling machine. 2,398,250; Apr. 9.

Robbins, Leo, New York, N. Y., assignor, by mesne assignments, to Reconstruction Finance Corporation. Drilling machine. 2,398,251; Apr. 9.

Robbins, Leo, assignor to Roberts Manufacturing Co., New York, N. Y. Swaging machine. 2,408,882; Oct. 8.

Robbins, Thomas E., Jr., assignor, by mesne assignments, to Koppers Company, Incorporated, Pittsburgh, Pa. Production of lead thiocyanate. 2,392,191; Jan. 1.

Robbins, William K., Chicago, Ill. Chain link. 2,406,712; Aug. 27.

Robblee, Ide L., assignor to American Optical Company, Southbridge, Mass. Eye shield or shade. 2,413,193; Dec. 24.

Robeck, R. B., Everett, Wash. Barricade traversing device for motor vehicles. 2,393,655; Jan. 29.

Rober, Anton, Milwaukee, Wis. Tool. 2,393,413; Jan. 22.

Rober, Anton, Milwaukee, Wis. Padlock. 2,395,762; Feb. 26.

Roberds, Wesley M., Collingswood, N. J., assignor to Radio Corporation of America. Treatment of metals. 2,395,195; Feb. 19.

Roberds, Wesley M., Collingswood, N. J., assignor to Radio Corporation of America. Electrical heating apparatus. 2,395,196; Feb. 19.

Roberds, Wesley M., Collingswood, N. J., assignor to Radio Corporation of America. High frequency apparatus. 2,404,404; July 23.

Roberds, Wesley M., Collingswood, N. J., assignor to Radio Corporation of America. Electrical heating apparatus. 2,408,229; Sept. 24.

Roberton, James S. P., and M. L. Gayford, London, W. C. 2, England, assignors to International Standard Electric Corporation, New York, N. Y. Telephone transmitter and receiver. 2,400,662; May 21.

Roberts, Albert O., and J. J. Wharam, assignors to Ford Motor Company, Dearborn, Mich. Transmission. 2,404,657; July 23.

Roberts, Alfred M.: *See*—
Nelson, Martin L., and Roberts.

Roberts, Claudius H. M., Palos Verdes Estates, Calif., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Purifying mineral oils. 2,402,844; June 25.

Roberts, Claudius H. M., Palos Verdes Estates, Calif., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Removing impurities from mineral oils. 2,404,405; July 23.

Roberts, Dudley: *See*—
Bascom, Roger C., and Roberts.

Roberts, Dudley, Jr., executor: *See*—
Roberts, Dudley.

Roberts, Dudley, deceased, by D. Roberts, Jr., executor, assignor to Rubatex Products, Inc., New York, N. Y. Self-sealing tank. 2,407,515; Sept. 10.

Roberts, Edward N., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Lubricant. 2,409,799; Oct. 22.

Roberts, Eugene, Hastings, N. Y., assignor to The Western States Machine Company, Salt Lake City, Utah. Centrifugal apparatus. Re. 22,772; July 16.

Roberts, Eugene, Hastings, N. Y., assignor to The Western States Machine Company, Hamilton, Ohio. Centrifugal mixer apparatus. 2,411,138; Nov. 12.

Roberts, Frank H., and J. H. Abbink-Spaink, Jesmond, Newcastle-on-Tyne 2, assignors to Vickers-Armstrongs Limited, London, England. Apparatus for the automatic adjustment of the angle of elevation of guns. 2,412,356; Dec. 10.

Roberts, Fred T., Ridgefield, Conn. Fexible tube. 2,396,059; Mar. 5.

Roberts, Fred T., Jr., Los Angeles, Calif., assignor to Interstate Aircraft and Engineering Corp. Remote control gun charger. 2,397,507; Apr. 2.

Roberts, Frederick W., Lockport, N. Y. Wood grinding machine. 2,406,904; Sept. 3.

Roberts, Irene S.: *See*—
Neuberg, Carl A., and Roberts.

Roberts, John G., Dobbs Ferry, N. Y. Razor blade package. 2,411,669; Nov. 26.

Roberts, John R., Glenview, assignor to Ditto, Incorporated, Chicago, Ill. Duplicating machine. 2,401,020; May 28.

Roberts, John W., Oklahoma City, Okla. Vehicle wheel carrier. 2,410,902; Nov. 12.

Roberts, Leland C., Towaco, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Radio communication system. 2,407,684; Sept. 17.

Roberts Manufacturing Co., assignee: *See*—
Robbins, Leo.

Roberts, Ottie, East St. Louis, Ill. Artificial larynx construction. 2,405,850; Aug. 13.

Roberts, Ottie, East St. Louis, Ill. Trachea connection. 2,405,851; Aug. 13.

Roberts, Richard F., Freeport, N. Y. Safety razor. 2,407,516; Sept. 10.

Roberts, Richard M., Granville, Ohio, assignor to Owens-Corning Fiberglas Corporation. Depositing fibrous material. 2,392,882; Jan. 15.

Roberts, Samuel S., Pittsburgh, Pa. Seal for shafts. 2,401,108; May 28.

Roberts, Shepard, Cambridge, Mass., assignor, by mesne assignments, to the Government of the United States of America, as represented by the Secretary of War. Wave guide. 2,411,338; Nov. 19.

Roberts, Thomas W., assignee: *See*—
Roberts, William A.

Roberts, Vivion K., Port Orchard, Wash. Hamper or bag support. 2,412,834; Dec. 17.

Roberts, Walter G.: *See*—
Perkins, Alan J., and Roberts.

Roberts, Walter V., Princeton, N. J., assignor to Radio Corporation of America. Frequency-variable oscillator circuit. 2,408,684; Oct. 1.

Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Modulation system for ultra high frequency waves. 2,393,414; Jan. 22.

Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Signaling system. 2,396,288; Mar. 12.

Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Wavelength modulation system. 2,397,157; Mar. 26.

Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Tuned circuit and system therefor. 2,403,151; July 2.

Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Antenna. 2,404,093; July 16.

Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Ultra high frequency electron discharge device system. 2,404,745; July 23.

Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Pulse transmitter. 2,410,748; Nov. 5.

Roberts, Wesley J., Jacksonville, Ark. Antirooter. 2,400,600; May 21.
Roberts, Wesley J., North Little Rock, Ark. Valve cap. 2,406,563; Aug. 27.
Roberts, William A., assignor of one-half to T. W. Roberts, Paterson, N. J. Fringe cutting machine. 2,397,047; Mar. 19.
Roberts, William H., assignor to Rotol Limited, Gloucester, England. Apparatus for measuring tensile or compression loads. 2,403,194; July 2.
Roberts, William T. B., Leicester, England, assignor to United Shoe Machinery Corporation, Flemington, N. J. Fastening inserting machine. 2,400,601; May 21.
Robertshaw Thermostat Company, assignee: *See*—
Eskin, Samuel G.
Eskin, Samuel G., and Strobel.
Strobel, Charles K.
Strobel, Charles K., and Eskin.
Weber, Victor.
Robertson, Alexander T.: *See*—
Bayles, John W., and Robertson.
Robertson, Anthony E.: *See*—
McArdle, Edward H., and Robertson.
Robertson, Anthony E., Roselle, N. J., assignor to Standard Oil Development Company. Motor fuels. 2,404,094; July 16.
Robertson, Anthony E., Roselle, N. J., assignor to Standard Oil Development Company. Motor fuels. 2,408,999; Oct. 8.
Robertson, Archibald, Hollywood, Calif., assignor to Adel Precision Products Corp. Clip for wires or conduits. 2,393,063; Jan. 15.
Robertson, Archibald, Balboa Island, Calif., assignor to Adel Precision Products Corp. Wire supporting clip. 2,397,291; Mar. 26.
Robertson, Archibald, North Hollywood, Calif., assignor to Adel Precision Products Corp. Conduit supporting block. 2,404,531; July 23.
Robertson, E. R., Middlesex, assignor to Simmonds Aerocessories Limited, London, England. Hydraulic movement transmitting system. 2,399,296; Apr. 30.
Robertson, Edwin A., Sandusky, Ohio, assignor to Titeflex, Inc. Radio-shielded connection, especially for spark plugs. 2,399,390; Apr. 30.
Robertson, Elfreda C., assignee: *See*—
Robertson, Russell R.
Robertson, H. H., Company, assignee: *See*—
Crafton, Henry H.
Shumaker, Lucky J.
Snyder, Purdum M.
Wiesmann, Joseph W.
Robertson, John D., Taunton, Mass. Expander roll. 2,393,191; Jan. 15.
Robertson, John L.: *See*—
Wharam, John J., and Robertson.
Robertson, Leon F.: *See*—
Hess, Finley B., and Robertson.
Robertson, P. L., Mfg. Co., Limited, assignee: *See*—
Rush, John A.
Robertson Paper Box Co., Inc., assignee: *See*—
Bonville, Edward J.
Robertson, Robert: *See*—
Darwin, J. A., and Robertson.
Robertson, Russell R., assignor, by mesne assignments, of one-half to E. C. Robertson, Patterson, Calif. Expansion joint dowel holder. 2,401,964; June 11.
Robertson, Thayne, Boise, Idaho. Stoker smoking pipe. 2,402,914; June 25.
Robertson, William H., Oakwood, assignor to The National Cash Register Company, Dayton, Ohio. Accounting machine. 2,392,550; Jan. 8.
Robeson, Edna G., assignor of one-half to B. A. Crawford, Miami, Fla. Shift mechanism for typewriters. 2,396,344; Mar. 12.
Robey, Ralph, New York, N. Y. Lady's skirt hanger. 2,411,466; Nov. 19.
Robichaux, Roy P.: *See*—
Lundal, Ingle J., and Robichaux.
Roble, Norman P.: *See*—
Ries, Kernell G., Roble, and Von Doenoff.
Roble, Norman P., Lewiston, and R. G. Rowe, assignors to The Carborundum Company, Niagara Falls, N. Y. Making laminated abrasive articles. 2,393,267; Jan. 22.
Robillard, Joseph H.: *See*—
Koch, Stanley J., and Robillard.
Robinette, Hillary, Jr., Arlington, Va., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Preparation of water-repellant textiles. 2,402,776; June 25.
Robins Conveyors Incorporated, assignee: *See*—
Elliott, Richard B.
Petterson, Reinhardt.
Robins, Irving, assignor of one-half to L. Robins, Chicago, Ill. Box. 2,401,664; June 4.
Robins, Leonard, assignee: *See*—
Robins, Irving.
Robinson, Albert P., Seattle, Wash. Fireplace construction. 2,393,812; Jan. 29.
Robinson, Arthur W., Jr., Schenectady, N. Y., assignor to General Electric Company. Ignition system. 2,392,192; Jan. 1.
Robinson, Arthur W., Jr., Schenectady, N. Y., assignor to General Electric Company. Ignition spark gap device. 2,404,658; July 23.
Robinson, Cecil S., New York, N. Y. Vibration absorption support. 2,394,106; Feb. 5.
Robinson, Cecil S., assignor of one-half to D. H. Robinson, New York, N. Y. Instrument panel mount. 2,410,749; Nov. 5.
Robinson, Charles A., Salem, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine for use in lasting shoes. 2,394,205; Feb. 5.
Robinson, Charles A., Salem, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Device for holding shoe uppers in lasted position. 2,394,206; Feb. 5.
Robinson, Charles A., Salem, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Lasting machine. 2,397,624; Apr. 2.
Robinson, Charles A., Salem, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Lasting machine. 2,409,642; Oct. 22.
Robinson, Charles A., Salem, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe machine. 2,409,643; Oct. 22.
Robinson Clay Product Company, The, assignee: *See*—
Hertzell, Emanuel A., and Anderson.
Robinson, David S., Newburgh, N. Y. Gum clamp. 2,396,203; Mar. 5.
Robinson, Dorothy H., assignee: *See*—
Robinson, Cecil S.
Robinson, E. S. & A., (Canada) Limited, assignee: *See*—
Richens, Arthur W.
Robinson, Edward L.: *See*—
Hume, Patrick H., McGarrity, and Robinson.
Robinson, Edwin A., Chatham, and R. M. Beach, Newark, assignors to National Oil Products Company, Harrison, N. J. Tanning of leather. 2,401,373; June 4.
Robinson, Edwin A., Chatham, and R. M. Beach, Florham Park, assignors to National Oil Products Company, Harrison, N. J. Synthetic tanning agent. 2,401,508; June 4.
Robinson, Edwin A., Chatham, and A. De Castro, Newark, assignors to National Oil Products Company, Harrison, N. J. High-twist artificial yarn production. 2,403,304; July 2.
Robinson, Elvin B., Gastonia, assignor of one-third to C. J. Costner and one-third to A. W. Kincaid, Bessemer City, N. C. Drawing frame structure. 2,412,357; Dec. 10.
Robinson, Frank E.: *See*—
Lorig, Frank W., Miller, and Robinson.
Robinson, Gerard B., Mount Gilead, Ohio. Nebulizer. 2,396,204; Mar. 5.
Robinson, Guilford D. and H. M., Daytona Beach, Fla. Toilet kit. 2,401,318; June 4.
Robinson, Harold A., R. E. Friedrich, and R. S. Spencer, assignors to The Dow Chemical Company, Midland, Mich. Magnesium hydroxide from sea water. 2,405,055; July 30.
Robinson, Harold E., Astoria, Long Island, N. Y. Carrying apparatus. 2,394,264; Feb. 5.
Robinson, Harold M.: *See*—
Robinson, Guilford D. and H. M.
Robinson, Harry B., Memphis, Tenn. Railroad safety device. 2,392,064; Jan. 1.
Robinson, Jack D., Painesville, Ohio, and F. J. Myers, Philadelphia, Pa., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Poly-dispersions containing curable synthetic rubber. 2,400,054; May 7.
Robinson, James: *See*—
Herman, Kenneth R., Robinson, and Dietiker.
Robinson, James, London, England. Radio receiving and transmitting system. 2,396,883; Mar. 19.
Robinson, James, London, England. Radio receiving and transmitting system. 2,396,884; Mar. 19.
Robinson, James, assignor to Vickers Incorporated, Detroit, Mich. Power transmission. 2,412,835; Dec. 17.
Robinson, James D., assignee: *See*—
Le Roy, Frank.
Robinson, James P., Tokyo, Japan; vested in the Alien Property Custodian. Medicinal applicator and dispenser. 2,410,460; Nov. 5.
Robinson, John B., New Haven, Conn. Wig. 2,393,064; Jan. 15.
Robinson, John E., Glen Ellyn, and P. W. Millelot, Jr., Maywood, Ill., assignors to American Can Company, New York, N. Y. Composition for lining the seams of sheet metal containers. 2,392,412; Jan. 8.
Robinson, John E., Glen Ellyn, and P. W. Millelot, Jr., Maywood, Ill., assignors to American Can Company, New York, N. Y. Composition for lining the joints of sheet metal containers. 2,395,502; Feb. 26.
Robinson, John W.: *See*—
Iler, Ralph K., Latham, and Robinson.
Robinson, John W., Jr., Lakewood, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Silicic acid product and producing same. 2,392,767; Jan. 8.
Robinson, Jonas, Clarke Summit, Pa. Jacquard compensating means. Re. 22,804; Oct. 15.
Robinson, Joseph, Jr., assignor to Marsh Wall Products, Inc., Dover, Ohio. Sanding machine. 2,405,328; Aug. 6.

Robinson, Louis, Detroit, Mich. Combination couch and bed. 2,394,969; Feb. 12.
Robinson, Percy W., Scotia, N. Y., assignor to General Electric Company. Induction motor control system. 2,406,255; Aug. 20.
Robinson, Preston, Williamstown, and S. O. Dorst, assignors to Sprague Electric Company, North Adams, Mass. Electrical resistance element. 2,405,449; Aug. 6.
Robinson, Ralph C., North Sacramento, Calif. Combination pliers for twisting wire. 2,394,807; Feb. 12.
Robinson, Robert, and R. H. Cornforth, Oxford, and T. F. West, London, N. 1., assignors to Stafford Allen and Sons Limited, London, England. Preparation of 6-substituted homologues of indole. 2,407,452; Sept. 10.
Robinson, Robert D., assignor to Uxbridge Worsted Co., Inc., Uxbridge, Mass. Crayons for marking textile materials and the like. 2,398,559; Apr. 16.
Robinson, William J.: *See*—
Powell, Arthur L., and Robinson.
Robinson, William P., Narberth, Pa. Two-speed power transmission. 2,398,720; Apr. 16.
Roblin, Richard O., Jr.: *See*—
Cole, Quintin P., and Roblin.
English, Jackson P., Vaughan, and Roblin.
Winnek, Philip S., and Roblin.
Roblin, Richard O., Jr., Old Greenwich, and P. S. Winnek, Riverside, Conn., assignors to American Cyanamid Company, New York, N. Y. Sulphonamide derivatives of melamine and their production. 2,407,177; Sept. 3.
Robson, Alan C.: *See*—
Lowe, Arthur, and Robson.
Rocchini, Albert G., Aspinwall, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Steam turbine oils. 2,399,510; Apr. 30.
Roche, Alleman H., and H. G. Kidner, London, W. C. 2, England, assignors to International Standard Electric Corporation, New York, N. Y. Thermionic feedback amplifier. 2,397,625; Apr. 2.
Roche, Austin O., Jr., assignor to Hoffman Specialty Co., Indianapolis, Ind. Temperature controller. 2,404,596; July 23.
Roche, Clifton R., Los Angeles, Calif. Transmission control mechanism. 2,394,331; Feb. 5.
Roché, Jean A., Buckroe Beach, Va. Propeller. 2,399,828; May 7.
Roche, Paul C., Erie, Pa., assignor to Lord Manufacturing Company, Erie, Pa. Mounting. 2,406,256; Aug. 20.
Roche Products Limited, assignee: *See*—
Avison, Anthony W. D., Bergel, and Haworth.
Avison, Anthony W. d'A., Bergel, and Haworth.
Bergel, Franz, and Cohen.
Bergel, Franz, Hindley, Morrison, and Rinderknecht.
Rochester, Nathaniel, South Hamilton, assignor to Sylvania Electric Products Inc., Salem, Mass. Electrical protective device. 2,412,751; Dec. 17.
Rochester Telephone Corporation, assignee: *See*—
Vincent, William J., and Talbot.
Rocheville, Harry D., Los Angeles, assignor to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Rivet removing device. 2,409,589; Oct. 15.
Rock Hill Printing & Finishing Company, assignee: *See*—
Aycock, John A.
Rockafellow, Stuart, Flint, assignor to General Motors Corporation, Detroit, Mich. Temperature change compensating means. 2,409,800; Oct. 22.
Rocker, William P., assignor to Southern Spring Bed Company, Atlanta, Ga. Bottle carrier. 2,404,532; July 23.
Rockwell, Albert M., Glastonbury, assignor to United Aircraft Corporation, East Hartford, Conn. Liquid type vibration damper. 2,411,000; Nov. 12.
Rockwell, Edward A., West Hartford, Conn. Power intensifier valve. 2,398,252; Apr. 9.
Rockwell, Edward A., assignor to Pesco Products Co., Cleveland, Ohio. Double check unloading valve. 2,395,941; Mar. 5.
Rockwell, Edward A., Cleveland, Ohio, assignor to The New Britain Machine Company, New Britain, Conn. Accumulating apparatus. 2,404,095; July 16.
Rockwell, Edward A., Cleveland, Ohio, assignor to The New Britain Machine Company, New Britain, Conn. High- to low-pressure converter. 2,410,750; Nov. 5.
Rockwell, Edward A., Forest Hills, N. Y., assignor to The New Britain Machine Company, New Britain, Conn. Power unit. 2,405,852; Aug. 13.
Rockwell, Edward A., Cleveland, and J. M. Roth, Euclid, Ohio, assignors to Pesco Products Co. Unloading double check valve. 2,412,428; Dec. 10.
Rockwell, Harvey W.: *See*—
Nelson, Donald M., and Rockwell.
Rockwell, Harvey W., assignor to La Plant-Choate Mfg. Co., Inc., Cedar Rapids, Iowa. Earth mover. 2,394,483; Feb. 5.
Rockwell, Harvey W., assignor to Laplant-Choate Manufacturing Co., Inc., Cedar Rapids, Iowa. Hydraulic system. 2,402,449; June 18.
Rockwell, John C., Mobile, Ala. Collapsible tube closure. 2,411,058; Nov. 12.
Rockwell Manufacturing Company, assignee: *See*—
Whittaker, Alexander R.
Wiken, Christy A., and Boehnke.

Rocla Limited, assignee: *See*—
Fitzpatrick, Frank L.
Rodal, Ralph B.: *See*—
Schafer, Robert A., and Rodal.
Rodanet, Charles H. H., Neuilly-sur-Seine, France; vested in the Alien Property Custodian. Device for exerting a constant returning torque on a rotatively movable unit. 2,398,448; Apr. 16.
Rodda, John L., Palmerton, Pa., assignor to The New Jersey Zinc Company, New York, N. Y. Alloy. 2,408,341; Sept. 24.
Rodda, John L., Palmerton, Pa., assignor to The New Jersey Zinc Company, New York, N. Y. Alloy. 2,408,342; Sept. 24.
Roddy, Fred M., Providence, R. I. Dissolving organic solids with organic liquids. 2,396,752; Mar. 19.
Roddy, Fred M., Providence, R. I. Plasticizing or plasticating plastic materials. 2,404,406; July 23.
Rode, Fredrich J., Toledo, Ohio, assignor to E. W. Bliss Company, Brooklyn, N. Y. Progressive drawing press. 2,394,636; Feb. 12.
Rode, Fredrich J., Toledo, Ohio, assignor to E. W. Bliss Company, Brooklyn, N. Y. Solenoid controlled valve. 2,408,883; Oct. 8.
Rodefeld, William H., Richmond, Ind. Self-loading hay conveyance. 2,398,327; Apr. 9.
Rodefeld, William H., Richmond, Ind. Hay gatherer. 2,405,755; Aug. 13.
Rodefeld, William H., Richmond, Ind. Hay harvester. 2,405,756; Aug. 13.
Rodekurt, Christian, Baltimore, Md. Game device. 2,396,475; Mar. 12.
Roder, Frank Z., assignee, et al.: *See*—
Andrzejewski, Clara.
Rodgers, Dorothy F., New York, N. Y. Cleaning device. 2,402,577; June 25.
Rodgers, Frederick W., Pacoima, and A. M. Palmer, Los Angeles, Calif. Sack lifter. 2,404,533; July 23.
Rodgers, James A., Webster Groves, assignor to Automatic Control Corporation, St. Louis, Mo. Thermostatic switch. 2,392,065; Jan. 1.
Rodman, Ernest A., Newburgh, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Plasticizers and making the same. 2,396,129; Mar. 5.
Rodman, Ernest A., Newburgh, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coated fabric. 2,404,313; July 16.
Rodman, Frank A., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Laminated glass structure. 2,408,483; Oct. 1.
Rodman, Hugh, Oak Park, assignor to Universal Oil Products Company, Chicago, Ill. Multiple stage cyclonic separator. 2,402,845; June 25.
Rodman, Hugh, Jr.: *See*—
O'Brochta, John, and Rodman.
Rodriguez, Rudolph R.: *See*—
Rodriguez, Vincent L., Sr., V. L., Jr. and R. R.
Rodriguez, Vincent L., Jr.: *See*—
Rodriguez, Vincent L., Sr., V. L., Jr., and R. R.
Rodriguez, Vincent L., Sr., Los Angeles, V. L. Rodriguez, Jr., Maywood, and R. R. Rodriguez, Los Angeles, Calif. Nut meat picking machine. 2,401,437; June 4.
Roe, Andrew L., Bryan, assignor of one-half to C. Siebenaler, Edon, Ohio. Corn picker. 2,412,358; Dec. 10.
Roe, Carl, Mineola, N. Y. Airplane. 2,410,239; Oct. 29.
Roe, Herbert J.: *See*—
Wood, David H., and Roe.
Roe, James, assignor of one-half to A. Kahn, Chicago, Ill. Interlocking building block. 2,392,551; Jan. 8.
Roe, James, assignor of one-half to A. Kahn, Chicago, Ill. Hollow building block. 2,392,552; Jan. 8.
Roebuck, John R., Madison, Wis. Thermodynamic process and apparatus. 2,393,338; Jan. 22.
Roedel, Milton J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coated metal article. 2,406,039; Aug. 20.
Roedel, Milton J., Tallevville, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Ethylene polymerization. 2,409,996; Oct. 22.
Roeder, Dale, Wayne, and E. Nador, Detroit, assignors to Ford Motor Company, Dearborn, Mich. Military vehicle. 2,397,809; Apr. 2.
Roeder, Dale, Wayne, and E. Nador, Detroit, assignors to Ford Motor Company, Dearborn, Mich. Turret mounting. 2,404,459; July 23.
Roehm, William A.: *See*—
Karfiol, Edward, and Roehm.
Roehner, William A., assignor to Wenzel Projector Company, Chicago, Ill. Ticket roll holder. 2,411,293; Nov. 19.
Roehrenbeck, Raymond E.: *See*—
Hartwig, Carl E., and Roehrenbeck.
Roehrl, Bruno C., Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. Film spool. 2,400,024; May 7.
Roelen, Otto, and W. Feisst, Oberhausen-Holten, Germany; vested in the Alien Property Custodian. Catalytic benzine synthesis. 2,398,462; Apr. 16.
Roemer, George R., Mount Lebanon, Pa. Manufacture of wire mesh fabric. 2,401,319; June 4.

Roosen, Oscar C., Scarsdale, N. Y., assignor to Wood Newspaper Machinery Corporation, Plainfield, N. J. Web splicing apparatus. 2,413,581; Dec. 31.

Roethel Engineering Corporation, assignee: *See*—
Feuerlein, George R.
Roethel, John H.

Roethel, John H., assignor to Marvel Equipment Corporation, Detroit, Mich. Window regulator. 2,409,068; Oct. 8.

Roethel, John H., assignor to Roethel Engineering Corporation, Detroit, Mich. Window regulator. 2,410,363; Oct. 29.

Roethell, Bruno E., Cranford, N. J., assignor to Standard Oil Development Company. Cement manufacture. 2,409,707; Oct. 22.

Roff, George E., Goodland, Kans. Tire chain. 2,396,532; Mar. 12.

Rogers, Allan B., Sr., Santa Monica, Calif., assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Removable and collapsible seating fixture. 2,409,316; Oct. 15.

Rogers, Arthur O., Lewiston, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Monochlorohydantoins and salts thereof. 2,392,505; Jan. 8.

Rogers, Arthur O., Lewiston, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. 1,3-dichloro-5-methyl-5-isobutyl hydantoin and preparation. 2,398,598; Apr. 16.

Rogers, Arthur O., Lewiston, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chlorinated hydantoins. 2,398,599; Apr. 16.

Rogers, Arthur O., Lewiston, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chlorinated methylene-bis-dimethyl hydantoin. 2,404,096; July 16.

Rogers, Arthur O., Lewiston, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymer solutions. 2,404,715; July 23.

Rogers, Arthur O., Lewiston, N. Y., assignor to E. I. du Pont, de Nemours & Company, Wilmington, Del. Polymer solutions. 2,404,725; July 23.

Rogers, Clifford R., Oak Park, W. O. Bechman, Chicago, and J. F. Ziskal, Cicero, Ill., assignors to International Harvester Company. Clutch control. 2,409,515; Oct. 15.

Rogers Diesel and Aircraft Corporation, assignee: *See*—
Hall, Edwin S.

Rogers, Dilworth T.: *See*—
McNab, John G., and Rogers.

Rogers, Dilworth T., Plainfield, N. J., assignor to Standard Oil Development Company. Compounded lubricant. 2,405,607; Aug. 13.

Rogers, Dilworth T., Plainfield, N. J., assignor to Standard Oil Development Company. Compounded lubricant. 2,405,608; Aug. 13.

Rogers, Dilworth T., Teaneck, and H. Feldhusen, Jr., North Plainfield, N. J., assignors to Standard Oil Development Company. Sulphides of alkylated phenols. 2,398,253; Apr. 9.

Rogers, Dilworth T., Plainfield, and J. G. McNab, Cranford, N. J., assignors to Standard Oil Development Company. Compounded lubricating oil. 2,406,564; Aug. 27.

Rogers, Dilworth T., Teaneck, and J. G. McNab, Cranford, N. J., assignors to Standard Oil Development Company. Sulfur and metal containing compound. 2,409,687; Oct. 22.

Rogers, Donald H., Jersey City, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Electrical regulating device. 2,409,151; Oct. 8.

Rogers, Donald H., and V. Schilha, Fanwood, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Device for adjustably spacing members. 2,398,721; Apr. 16.

Rogers, Douglas C., assignor to Standard Telephones and Cables Limited, London, England. Electric wave filter. 2,411,555; Nov. 26.

Rogers, Edward: *See*—
Folkers, Karl, Rogers, and Heal.

Rogers, Edwin W. and R., Alexandria Bay, N. Y. Meat grinder attachment. 2,406,105; Aug. 20.

Rogers, Ell M., assignor to United Aircraft Products, Inc., Dayton, Ohio. Tube leakage testing machine. 2,398,328; Apr. 9.

Rogers, Fielding P.: *See*—
Lowry, Edwin F., and Rogers.

Rogers, George K.: *See*—
Kline, Theodore S., and Rogers.

Rogers, Gerrit P., Windsor, assignor of one-fourth to S. H. Pearis, Binghamton, N. Y. Slotted airplane wing. 2,406,475; Aug. 27.

Rogers, Harry, assignee: *See*—
Mellen, William F., Clasen, and Rogers.

Rogers, Howard G., Brookline, Mass., assignor to Polaroid Corporation, Dover, Del. Light polarizer and manufacture. 2,398,506; Apr. 16.

Rogers, Howard G., Wellesley Hills, assignor to Polaroid Corporation, Cambridge, Mass. Molding apparatus. 2,404,314; July 16.

Rogers, Howard G., Wellesley Hills, assignor to Polaroid Corporation, Cambridge, Mass. Polymerizing apparatus and method. 2,406,403; Aug. 27.

Rogers, Howard G., Wellesley Hills, Mass., and D. P. Cooper, Jr., Washington, D. C., assignors to Polaroid Coporation, Cambridge, Mass. Method of molding prisms. 2,409,958; Oct. 22.

Rogers, James: *See*—
Grouse, Richard A., and Rogers.

Rogers, John H., and H. E. Luebbers, Fort Dodge, Iowa. Loading machine. 2,398,964; Apr. 23.

Rogers Majestic Corporation, assignee: *See*—
Fisher, Sidney T.

Rogers, Maurice A.: *See*—
Mendoza, Mordecai, and Rogers.

Rogers, Maurice A. T.: *See*—
Goodings, Eric P., and Rogers.

Rogers, Maurice A. T., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Manufacture of new coloring matters. 2,407,346; Sept. 10.

Rogers, Raymond: *See*—
Rogers, Edwin W. and R.

Rogers, Raymond B., Portland, Oreg. Airport. 2,400,841; May 21.

Rogers, Thomas H., Jr., assignor to Wingfoot Corporation, Akron, Ohio. Dispersions and their use. 2,396,607; Mar. 12.

Rogers, Thomas H., Chicago, and J. S. Wallace, Hammond, assignors to Standard Oil Company, Chicago, Ill. Stable sulphurized oils and preparing the same. 2,396,345; Mar. 12.

Rogers, Walter E.: *See*—
Nye, Norman H., and Rogers.

Roggan, Francis J., Buffalo, N. Y. Hand generator. 2,393,813; Jan. 29.

Rogge, Marion A., Detroit, Mich. Heated nasal inhaler. 2,410,903; Nov. 12.

Roggenstein, Edwin O., Utica, assignor to Remington Rand Inc., Buffalo, N. Y. Recording and computing machine. 2,412,537; Dec. 10.

Roggie, William C.: *See*—
Negovan, Albert, Stratton, and Roggie.

Rogovin, Moses, New York, N. Y. Producing a shellac substitute. 2,396,608; Mar. 12.

Rohdin, Howard A., Glen Ridge, N. J. Method and apparatus for heat sealing. 2,392,695; Jan. 8.

Rohdin, Howard A., Glen Ridge, N. J. Bag and making same. 2,401,110; May 28.

Rohdin, Howard A., assignor to M. M. Rohdin, Glen Ridge, N. J. Double-ended bag and making same. 2,401,109; May 28.

Rohdin, Marjorie M., assignee: *See*—
Rohdin, Howard A.

Röhm & Haas Company, assignee: *See*—
Bock, Louis H., and Houk.
Bock, Louis H., Johnson, and Armstrong.
Bortnick, Newman M.
Bruson, Herman A.
Bruson, Herman A., and Butler.
Bruson, Herman A., and Riener.
Butterbaugh, Darrel J., and Spence.
Cummings, George H., Sweeney, and Fenske.
Fenske, Merrell R., and Cummings.
Green, Edmund, and Pearson.
Glarum, Sivert N., and Thomas.
Hester, William F.
Hester, William F., and Craig.
Hiltner, James R., and Berlinghof, Jr.
Hurd, Loren C.
MacMullen, Clinton W.
MacMullen, Clinton W., and Bruson.
Sweeney, William J., Fenske, and Cummings.

Rohn, William C.: *See*—
Wisman, F. O., and Rohn.

Rohr Aircraft Corporation, assignee: *See*—
Estes, Donald H.
Gross, Bernard, and Cornwall.
Lacey, Elbert M.
Rohr, Frederick H.

Rohr, Frederick H., San Diego, assignor to Rohr Aircraft Corporation, Chula Vista, Calif. Wrench. 2,394,808; Feb. 12.

Rohulick, Charles, Scranton, Pa. Parachute. 2,404,659; July 23.

Roland, John R.: *See*—
Hanford, William E., and Roland.
Howk, Benjamin W., Roland, and Hoehn.

Roland, John R., Jr., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydrolyzed polymers. 2,399,653; May 7.

Roland, John R., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Laminated glass. 2,400,139; May 14.

Rolfes, Fritz H., Johannesburg, Transvaal, Union of South Africa. Device for recessing blasting cartridges for insertion of detonators and of detonator-retaining clips. 2,398,857; Apr. 23.

Rolfes, Hans J., Melrose, Johannesburg, Transvaal, Union of South Africa. Safeguarding electric igniters of blasting detonators against accidental firing. 2,408,124; Sept. 24.

Rolfes, Hans J., Melrose, Johannesburg, Transvaal, Union of South Africa. Safeguarding electric igniters of blasting detonators against accidental firing. 2,408,125; Sept. 24.

Rolfes, Hans J., Melrose, Transvaal, and E. C. Halliday, Parktown North, Transvaal, Union of South Africa. Firing means. 2,411,339; Nov. 19.

Rollison, Ray W.: *See*—
Sargent, Donald E., and Rollison.

Rolker, Edwin, assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Article handling apparatus. 2,404,460; July 23.

Roller, Paul S., Cheverly, Md. Purification of aluminum sulphate. 2,402,668; June 25.

Rollin, Harvey G., assignor to Deere & Company, Moline, Ill. Clutch adjusting mechanism. 2,408,884; Oct. 8.

Rollins, Fitzhugh S., Jr.: *See*—
Batchedler, Augustus H., and Rollins.

Rollins, Leonard E., Minneapolis, Minn. Moist air heating and cooling system. 2,392,553; Jan. 8.

Rollins, Leroy W., Medford, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Reinforced sole. 2,395,582; Feb. 26.

Rollinson, Carl L., Dayton, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical process. 2,403,459; July 9.

Rollow, Douglas K., Los Angeles, Calif., assignor, by mesne assignments, to Lockheed Aircraft Corporation. Snap-in connector block. 2,402,578; June 25.

Rolls-Royce Limited, assignee: *See*—
Griffith, Alan A.

Roloson, Ruby R., Los Angeles, Calif. Gluing stand. 2,396,885; Mar. 19.

Rolph, Thomas W., Newark, Ohio, assignor to Holophane Company, Inc., New York, N. Y. Down lighting apparatus. 2,398,507; Apr. 16.

Rolscreen Company, assignee: *See*—
Kuyper, Peter H.

Rolyan Corporation, assignee, et al.: *See*—
Eklund, Howard J.

Romain, Fred, Chester, Mont. Horn weight. 2,408,956; Oct. 8.

Romanchuk, Nicholas A.: *See*—
King, William N., Ward, and Romanchuk.

Romander, Hugo, North Caldwell, N. J., assignor to Federal Telephone & Radio Corporation, New York, N. Y. Distortion reduction on modulated amplifiers. 2,393,709; Jan. 29.

Romander, Hugo, North Caldwell, assignor to Federal Telephone and Radio Corporation, Newark, N. J. Prevention of distortion. 2,393,936; Jan. 29.

Romanelli, Emilio: *See*—
Hall, Roy D., and Romanelli.

Romanow, Frank F.: *See*—
Black, Robert Jr., and Romanow.
Goodale, Walter D., Jr., and Romanow.
Harry, William R., and Romanow.

Romans, Isabella B., New York, N. Y. Disinfecting system for swimming pools. 2,400,439; May 14.

Romberg, Raymond A., Orange, Conn. Welding shield or the like. 2,410,306; Oct. 29.

Rome Cable Corporation, assignee: *See*—
McCutchan, George L.

Rome Plow Company, assignee: *See*—
McKay, Augusta P.

Romero, Albert R., Tucson, Ariz. Permanent safety lock device for bicycles and the like. 2,406,257; Aug. 20.

Romig, Gerald C.: *See*—
Douty, Alfred, and Romig.

Romme, William S., Stamford, Conn. Necktie. 2,408,885; Oct. 8.

Rommel, William G., Playa Del Rey, assignor to The Garrett Corporation, Aireasearch Manufacturing Company division, Los Angeles, Calif. Method and means for testing tubes. 2,394,875; Feb. 12.

Ronay, Bela, Annapolis, Md. Subaqueous arc-welding and cutting electrode. 2,410,461; Nov. 5.

Ronci, Victor L.: *See*—
Laico, Joseph P., and Ronci.

Ronci, Victor L., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Making hermetic seals. 2,398,440; Apr. 16.

Rones, Harvey C., Astoria, Oreg. Manufacture of lenses for eyeglasses. 2,399,706; May 7.

Roody, Wilbur M., Jr., Painted Post, N. Y. Container. 2,396,346; Mar. 12.

Roof, Jay L., Hamburg, N. Y. Metal heating or melting furnace. 2,397,810; Apr. 2.

Rooksby, Harold P.: *See*—
Noble, Sidney H., and Rooksby.

Rooney, James H.: *See*—
Dreyfus, Henry, Walker, and Rooney.

Roop, Elston A., assignor of one-half to J. L. Pratt, Louisville, Ky. Pipe-shearing mechanism. 2,397,048; Mar. 19.

Roos, Delmar G., assignor to Willys-Overland Motors, Inc., Toledo, Ohio. Crankcase ventilation system and apparatus. 2,407,178; Sept. 3.

Roosen, H. D., Company Inc., assignee: *See*—
Bernstein, Isidor M.

Root, Charles F., assignor to The Chandler & Price Company, Cleveland, Ohio. Register operating mechanism. 2,396,390; Mar. 12.

Root, John J.: *See*—
Wells, Franklin H., and Root.

Root, Le Roy P., Brooklyn, N. Y., assignor to Scovill Manufacturing Company, Waterbury, Conn. Vanity box. 2,393,568; Jan. 22.

Root Manufacturing Company, The, assignee: *See*—
Root, Ralph R.

Root, Ralph R., Lakewood, assignor to The Root Manufacturing Company, Cleveland, Ohio. Dusting apparatus. 2,396,533; Mar. 12.

Root, S. Earl, assignee: *See*—
McDonald, William J.

Roper, Edwin E., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Geochemical prospecting. 2,395,014; Feb. 19.

Roper, Edwin E., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Ionic analysis. 2,412,359; Dec. 10.

Roper, Geo. D., Corporation, assignee: *See*—
Hennessy, John F., and Thulander.
Hobson, Stanley H.
Pellegrin, Elmer D., and Hennessy.

Roper, John M., Washington, D. C. Airplane light. 2,391,922; Jan. 1.

Roper, Val J., South Euclid, Ohio, assignor to General Electric Company. Headlight indicator. 2,403,123; July 2.

Rosa, Anthony G., Lyndhurst, N. J. Electrode contact assembly. 2,401,509; June 4.

Rosa, Laszlo, Budapest VIII, and I. Zakarias, Budapest VII, Hungary; vested in the Allen Property Custodian. Apparatus for the recording of slow processes. 2,409,317; Oct. 15.

Rosa, Leonard J., assignee: *See*—
Porter, Gilbert E.

Rosales, Pedro E., Piedras Negras, Mexico. Exhaust silencer. 2,402,087; June 11.

Rosan, Joseph, North Hollywood, Calif. Insert. 2,400,318; May 14.

Rosan, Joseph, North Hollywood, Calif. Removing and replacing inserts. 2,407,904; Sept. 17.

Rosch, Samuel J., Yonkers, N. Y., assignor to Anaconda Wire and Cable Company. Oil-filled electrical apparatus. 2,405,853; Aug. 13.

Rose, Albert, East Orange, N. J., assignor to Radio Corporation of America. Target electrode for electron discharge tubes. 2,403,239; July 2.

Rose, Albert, East Orange, N. J., assignor to Radio Corporation of America. Television transmitting apparatus and operation. 2,407,905; Sept. 17.

Rose, Albert, East Orange, N. J., assignor to Radio Corportation of America. Low velocity television transmitting apparatus. 2,407,906; Sept. 17.

Rose, Andrew G.: *See*—
Webb, Jervis B., and Rose.

Rose, Bennie A., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Frameless dynamoelectric machine. 2,393,065; Jan. 15.

Rose, Bennie A., Wilkinsburg, and F. B. Powers, Pittsburgh 16, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Supercharged collector-ring assembly. 2,393,066; Jan. 15.

Rose Brothers (Gainsborough) Limited, assignee: *See*—
Rice, Edward A. B., Rose, and Curtis.

Rose, Edwin L., R. L. Tweedale, W. Thomas, and E. M. Frankland, assignors to The Waterbury Tool Company, Waterbury, Conn. Power transmission. 2,402,777; June 25.

Rose, Francis L.: *See*—
Broadbent, W., and Rose.

Rose, George M., Jr., East Orange, N. J., assignor to Radio Corporation of America. Electron discharge device. 2,412,836; Dec. 17.

Rose, Harm C., Franklin, Nebr. Battery pack. 2,396,534; Mar. 12.

Rose, Harold J.: *See*—
Vanderbilt, Byron M., and Rose.

Rose, Henry F.: *See*—
Poulsen, Charles L., and Rose.

Rose, Herbert A., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Vapor electric device. 2,394,013; Feb. 5.

Rose, James R., Arlington, Va., assignor to Potomac Hydrocarbon Process Corporation, Washington, D. C. Manufacture of liquid hydrocarbons suitable for motor fuel. 2,412,837; Dec. 17.

Rose, Vernon L., Sacramento, Calif. Sharpener for beveled-edge tools. 2,398,560; Apr. 16.

Roseberry, William A., Fort Wayne, Ind. Drill grinder attachment for machine tools. 2,400,783; May 21.

Rosebrook, Homer E., assignor, by mesne assignments, to Gibson Refrigerator Company, Greenville, Mich. Refrigerator. 2,409,069; Oct. 8.

Rosebrook, Homer E., and H. F. Powell, assignors, by mesne assignments, to Gibson Refrigerator Company, Greenville, Mich. Refrigerator. 2,408,582; Oct. 1.

Roseby, Philip N., Southport, and J. F. Mackenzie, Chester, England, assignors to Automatic Electric Laboratories, Inc. Electrical signaling system. 2,402,258; June 18.

Rosefield, Jerome M.: *See*—
Rosefield, Joseph L., J. M., and M.

Rosefield, Joseph L., J. M., and M., Alameda, Calif. Peanut butter and manufacturing the same. 2,397,564; Apr. 2.

Rosefield, Joseph L., Laguna Beach, and F. L. Avera, Oakland, Calif. Rendering flavors accessible in nut butters and the product obtained thereby. 2,402,915; June 25.

Rosefield, Marvin: *See*—
Rosefield, Joseph L., J. M., and M.

Roselund, Harold A., assignor to The De Vilbiss Company, Toledo, Ohio. Fog generator. 2,392,883; Jan. 15.

Roseman, Reuben, and H. Eisenberg, assignors, by mesne assignments, to C. H. Burton, Baltimore, Md. Gastro-intestinal magnesium silicate medicament. 2,394,107; Feb. 5.

Roseman, Zoltan, Cleveland, Ohio. Distributing conveyer. 2,404,863; July 30.

Rosen, Carl G. A., Peoria, and C. R. Maxwell, Washington, Ill., assignors to Caterpillar Tractor Co., San Leandro, Calif. Internal-combustion engine. 2,398,191; Apr. 9.

Rosen, Leo, Arlington, Va. Rotor. 2,402,182; June 18.

Rosen, Oscar E., Detroit, Mich. Hydraulic motor. 2,393,223; Jan. 15.

Rosen, Raphael, E. and O. C. Slotterbeck, Rahway, N. J., assignors to Standard Oil Development Company. Polymerization of hydrocarbons. 2,396,753; Mar. 19.

Rosen, Sidney, Baltimore, Md. Measuring device. 2,410,552; Nov. 5.

Rosenberg, Edgar N., Salt Lake City, Utah. Automatic overhead door. 2,402,295; June 18.

Rosenberg, Edgar N., Salt Lake City, Utah. Overhead door operating mechanism. 2,402,296; June 18.

Rosenberg, Hans R.: *See*—
Mealy, Walter C., Rosenberg, and Terry.

Rosenberg, Hans R., Wilmington, Del., and D. H. Terry, Woodstown, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Steroid derivatives. 2,393,067; Jan. 15.

Rosenberg, Martin, Brooklyn, and M. Cohen, Jamaica, N. Y., now, by judicial change of name, Matthew Conrad. Machine for statistical computations. 2,401,021; May 28.

Rosenberger, Albert J.: *See*—
Yelliott, John I., Ackley, and Rosenberger.

Rosenberger, Albert J., assignor to Republic Flow Meters Company, Chicago, Ill. Pressure reproducing instrument. 2,405,979; Aug. 20.

Rosenberger, Albert J., assignor to Republic Flow Meters Company, Chicago, Ill. Pressure responsive measuring instrument. 2,408,685; Oct. 1.

Rosenberger, Harold J., Rockville Centre, assignor to All America Cables & Radio Inc., New York, N. Y. Automatic code transmitting telegraph system. 2,397,204; Mar. 26.

Rosenberger, Harold J., Rockville Centre, assignor to All America Cables & Radio Inc., New York, N. Y. Automatic code receiving telegraph system. 2,398,115; Apr. 9.

Rosenblatt, Manfred, Kew Gardens, N. Y. Display device and household rack. 2,398,858; Apr. 23.

Rosenbloom, Irving, assignor to Renwal Manufacturing Co., Inc., New York, N. Y. Safety grater. 2,405,056; July 30.

Rosenblum, Carl: *See*—
O'Connell, Robert J., Cohen, and Rosenblum.

Rosenblum, Solomon, Princeton, N. J., assignor to Canadian Radium & Uranium Corporation, New York, N. Y. Switch. 2,399,061; Apr. 23.

Rosenboom, Gustaf H., Kalama, Wash. Pipe cutting and tenoning machine. 2,407,101; Sept. 3.

Rosenfeld, Nathan, Los Angeles, Calif. Tent. 2,393,415; Jan. 22.

Rosenlund, Harald T. C., New York, N. Y. Stencil set. 2,402,346; June 18.

Rosenquist, Edward N., Oakwood, and R. W. Sudhoff, Van Buren Township, Montgomery County, Ohio, assignors to Monsanto Chemical Company. Alkylation of benzene. 2,403,124; July 2.

Rosenqvist, Sven O., Rotebro, assignor to Svenska Jästfabriks Aktiebolaget, Stockholm, Sweden. Extracting or expelling water and other liquids from yeast suspensions. 2,397,436; Mar. 26.

Rosenstein, Aaron, New York, and H. Dolan, Brooklyn, assignors to Rosenstein Bros., New York, N. Y. Making insulated wire. 2,405,057; July 30.

Rosenstein Bros., assignee: *See*—
Rosenstein, Aaron, and Dolan.

Rosenstiehl, Fred E., Westfield, N. J., assignor to The Texas Company, New York, N. Y. Lubrication as applied to the processing of aluminum and aluminum alloys. 2,403,238; July 2.

Rosenthal, Adolph H., assignor, by mesne assignments, to Scophony Corporation of America, New York, N. Y. Television receiving system. Re. 22,734; Mar. 19.

Rosenthal, Dunbar A.: *See*—
Winter, Courtney P., and Rosenthal.

Rosenthal, Fritz, Indianapolis, Ind., assignor to The University of Tennessee Research Corporation, Knoxville, Tenn. Processes relating to the production of board and the product resulting therefrom. 2,412,652; Dec. 17.

Rosenthal, Harry, Belle Harbor, N. Y. Electrical jumper for short circuiting the contacts of fluorescent lamp sockets. 2,410,364; Oct. 29.

Rosenthal, Nathan, Newton, Mass. Shank stiffener. 2,403,950; July 16.

Rosenthal, Nina K., assignor, by mesne assignments, to Ninol Development Co., Chicago, Ill., a co-partnership consisting of M., D., T., and G. Kritchevsky, N. K. Rosenthal, G. Krit, and C. M. Tower. Absorption bases. 2,398,254; Apr. 9.

Rosenthal, William C., and C. A. Hubert, Chicago, Ill., assignors to International Harvester Company. Implement attaching device. 2,409,516; Oct. 15.

Rosentreter, Ernest W., Lynn, Mass., assignor to General Electric Company. Saw-tooth wave generator. 2,412,063; Dec. 3.

Rosett, Walter, Washington, D. C., assignor to the United States of America, as represented by the Secretary of the Navy. Telescope for receiving and detecting ultra-violet light. 2,401,191; May 28.

Rosinski, Robert J., New York, Mills, N. Y. Clothesline tightener. 2,403,553; July 9.

Roskilly, Charles, Burbank, Calif. Testing device adapter for conventional flashlights. 2,413,521; Dec. 31.

Rosmait, John A., Appleton, assignor to D. J. Murray Manufacturing Co., Wausau, Wis. Pulp stock flow control. 2,410,526; Nov. 5.

Rosner, Irving, assignor to Even-Pul Foundations, Inc., New York, N. Y. Corset. 2,405,711; Aug. 13.

Ross, Boris J., New York, N. Y. Calculating instrument. 2,403,614; July 9.

Ross, David J., Benton Harbor, Mich. Lamp shade holder. 2,394,108; Feb. 5.

Ross, De Witt T., Jr., North Hollywood, Calif. Cockpit shield. 2,403,195; July 2.

Ross, Earl T., Los Angeles, and C. B. Wilde, Compton, Calif., assignors to Stauffer Chemical Company. Treating acid sludge. 2,395,503; Feb. 26.

Ross, Elliott P.: *See*—
Ford, Hannibal C., and Ross.
Tear, James D., and Ross.

Ross, Elliott P., Forest Hills, assignor to Ford Instrument Company, Inc., Long Island City, N. Y. Computing apparatus. 2,397,811; Apr. 2.

Ross, Elliott P., Forest Hills, assignor to Ford Instrument Company, Inc., Long Island City, N. Y. Torpedo director. 2,402,088; June 11.

Ross, Elliott P., Forest Hills, assignor to Ford Instrument Company, Inc., Long Island City, N. Y. Gyroscopic apparatus. 2,405,058; July 30.

Ross, Hollis R., assignor to Barcalo Manufacturing Company, Buffalo, N. Y. Curtain rod or fixture. 2,402,507; June 18.

Ross, John D., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Alterproofing record material. 2,396,391; Mar. 12.

Ross, John E.: *See*—
Coyne, Howard L., Kuhn, and Ross.

Ross, Lester B., Ottawa, Kans. Power lifting apparatus. 2,394,809; Feb. 12.

Ross, Ralph T., Grass Valley, Calif. Hairpin. 2,394,484; Feb. 5.

Ross, Walter F., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Gear finishing tool of forged annular construction. 2,392,002; Jan. 1.

Ross, Walter F., assignor to Motor Tool Manufacturing Company, Detroit, Mich. Form tool. 2,396,289; Mar. 12.

Ross, Walter F., assignor to Motor Tool Manufacturing Company, Detroit, Mich. Form tool chip breaker generating fixture. 2,405,609; Aug. 13.

Ross, Walter F., Oakland County, assignor to Motor Tool Manufacturing Company, Detroit, Mich. Form tool generating fixture. 2,412,653; Dec. 17.

Ross, William A., assignor to Weaver Manufacturing Company, Springfield, Ill. Load lifter. 2,402,579; June 25.

Ross, William B., Evanston, and K. Boldt, Highland Park, assignors to The Pure Oil Company, Chicago, Ill. Producing motor fuels. 2,392,949; Jan. 15.

Ross, William E.: *See*—
Crawford, Chester C., and Ross.
McAllister, Sumner H., Anderson, and Ross.

Ross, William E., Berkeley, and G. J. Carlson, El Cerrito, assignors to Shell Development Company, San Francisco, Calif. Catalytic hydrocarbon conversion process. 2,393,569; Jan. 22.

Ross, William E., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Production of branched chain hydrocarbons. 2,394,810; Feb. 12.

Ross, William E., Berkeley, and P. Pezzaglia, Oakland, assignor to Shell Development Company, San Francisco, Calif. Simultaneously isomerizing and separating cycloparaffins from acyclic paraffins by means of an aluminum halide-hydrocarbon complex. 2,409,390; Oct. 15.

Ross, William E., Berkeley, and G. J. Carlson, El Cerrito, assignors to Shell Development Company, San Francisco, Calif. Isomerizing hydrocarbons. 2,411,835; Nov. 26.

Rossander, Swanie S.: *See*—
Reynolds, William B., and Rossander.

Rossell, William T., assignor to Transit Research Corporation, New York, N. Y. Brake shoe. 2,407,035; Sept. 3.

Rossi, Carlo: *See*—
Albrecht, Otto, Graenacher, Sallmann, and Rossi.

Rossi, Irving: *See*—
Lawlor, Martin T.

Rossi, Irving, assignee, trustee: *See*—
Thomas, Harry W.

Rossi, Peter, Brooklyn, assignor to Joseph W. Yellen, New York, N. Y. Turnbuckle. 2,403,402; July 2.

Rossig, Nelson L.: *See*—
Pawlus, Leo J., and Rossig.

Rossiter, Laurence E., Kearny, and R. M. Beach, Florham Park, assignors to National Oil Products Company, Harrison, N. J. Production of high twist artificial yarns. 2,403,305; July 2.

Rossiter, Wayne F., San Rafael, Calif. Model airplane. 2,396,886; Mar. 19.

Rossiter, William D., Toledo, Ohio. Sealing means for doors. 2,401,965; June 11.

Rossman, Allen M., Wilmette, Ill. Two-cycle engine. 2,408,448; Oct. 1.

Rossman, Peter F., Snyder, N. Y., assignor to Curtiss-Wright Corporation. Wing folding means. 2,392,506; Jan. 8.

Rosswall, Axel E., assignor to Telefonaktiebolaget L. M. Ericsson, Stockholm, Sweden. Device for counting of paper leaves made up into packets. 2,393,814; Jan. 29.

Rost, Helge F., Djursholm, and P. H. E. Claesson, Jakobsberg, Sweden. Magnetostrictive oscillator. 2,398,117; Apr. 9.

Rost, Helge F., Djursholm, K. H. Thunell, Nockeby, S. D. Vigren, Stockholm, and P. H. E. Claesson, Jakobsberg, Sweden. Aerial drop bomb. 2,407,936; Sept. 17.

Rost, Helge F., Djursholm, K. H. Thunell, Nockeby, S. D. Vigren, Stockholm, and P. H. E. Claesson, Jakobsberg, Sweden. Self-tracking radio direction and distance device. 2,409,448; Oct. 15.

Rost, Helge F., Djursholm, P. H. E. Claesson, Jakobsberg, and R. A. Svensson, Angby, Sweden. Projectile. 2,412,695; Dec. 17.

Rostagno, Karl Z., Kansas City, Mo., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Sorting device. 2,398,329; Apr. 9.

Rostler, Fritz S., H. W. Sternberg, and H. I. du Pont, assignors to Wilmington Chemical Corporation, Wilmington, Del. Preparing sulphur containing compounding agent for rubber. 2,399,694; May 7.

Rostler, Fritz S., V. M. Wilson, and H. I. du Pont, assignors to Wilmington Chemical Corporation, Wilmington, Del. Production of unsaturated hydrocarbon products. 2,410,839; Nov. 12.

Rostoker, Louis: *See*—
Finn, Alfred.

Rotary Machine Company, Inc., assignee: *See*—
Christiansen, Christian.

Rotary Research Corporation, assignee: *See*—
Platt, Haviland H.
Platt, Haviland H., and Le Page.

Rotax Limited, assignee: *See*—
Hulbert, Ivan J.
Millns, Terence W.

Roters, Herbert C., Roslyn Heights, N. Y., assignor to Fairchild Camera and Instrument Corporation. High-speed release system. 2,402,580; June 25.

Roters, Herbert C., Roslyn, N. Y., assignor to Fairchild Camera and Instrument Corporation. Electrical position indicating system. 2,403,152; July 2.

Roth, Clayton H.: *See*—
Harrer, Paul H., and Roth.

Roth, Ernst, Niederuzwil, assignor to Gebruder Buhler, Uzwil, Switzerland. Roller drive for roller mills. 2,394,485; Feb. 5.

Roth, Eugene, assignee, et al.: *See*—
Schonthal, Leopold.

Roth, Fremont N., Twin Falls, Idaho. Trailer hitch. 2,394,207; Feb. 5.

Roth, Jay M.: *See*—
Rockwell, Edward A., and Roth.

Roth, Joseph, Bronx, N. Y. Apparatus for firing pressed fuel. 2,407,849; Sept. 17.

Roth, Joseph N., Belding, assignor, by mesne assignments, to Montcalm, Incorporated, Greenville, Mich. Refrigerant controlling and expansion apparatus. 2,413,336; Dec. 31.

Roth, Willard, Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Rotatory hearth furnace. 2,404,986; July 30.

Roth, William A., St. Paul, Minn. Piston. 2,406,258; Aug. 20.

Roth, William A., St. Paul, Minn. Piston. 2,406,511; Aug. 27.

Rothacker, Edward C., Chicago, Ill. Power pulley. 2,399,451; Apr. 30.

Rotheraine, Jerome H., Philadelphia, Pa. Key holder. 2,402,347; June 18.

Rothfeld, Charles W.: *See*—
Milone, Samuel, and Rothfeld.

Rothkranz, William C., Bronx, N. Y. Dental precision bridge device. 2,411,001; Nov. 12.

Rothrock, Henry S.: *See*—
Richter, Henry J.

Rothrock, Henry S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Resinous reaction products of Polyhydric alcohols and alpha-methylene aldehydes. 2,401,776; June 11.

Rothrock, Henry S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing cellulosic structures. 2,406,905; Sept. 3.

Rothrock, Henry S., and W. H. Wood, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Vulcanizable composition. 2,397,372; Mar. 26.

Rothweiler, Charles L., Milwaukee, Wis. Coat hanger. 2,409,708; Oct. 22.

Rothweiler, Charles O., Milwaukee, Wis. Level. 2,408,343; Sept. 24.

Rothweiler, Valentine W., Greenup, Ill. Shoe. 2,394,718; Feb. 12.

Rotkel, Lilly K., New York, N. Y. Crochet handbag. 2,393,268; Jan. 22.

Rotol Limited, assignee: *See*—
Chilman, John A.
Milner, Harry L.
Owner, Frank M.
Price, Peter R.
Roberts, William H.

Roto-Matic Screen Printer, Ltd., assignee: *See*—
Fleisher, Harry, and Tiliett.

Rotter, Lutwin C.: *See*—
Fox, Alexander P., Rotter, and Klein.
Reisert, August D., and Rotter.

Rotter, Lutwin C., Maplewood, and V. G. Klein, assignors to Lincoln Engineering Company, St. Louis, Mo. Pump. 2,394,486; Feb. 5.

Rotter, Lutwin C., Maplewood, and V. G. Klein, assignors to Lincoln Engineering Company, St. Louis, Mo. Valve. 2,394,487; Feb. 5.

Rotter, Lutwin C., Maplewood, and V. G. Klein, assignors to Lincoln Engineering Company, St. Louis, Mo. Lubricating apparatus. 2,394,488; Feb. 5.

Rotter, Lutwin C., Maplewood, and V. G. Klein, assignors to Lincoln Engineering Company, St. Louis, Mo. Hydraulic circuit apparatus. 2,399,573; Apr. 30.

Rotter, Lutwin C., Maplewood, and V. G. Klein, assignors to Lincoln Engineering Company, St. Louis, Mo. Reciprocating engine. 2,404,315; July 16.

Rottler, Clarence T., Seattle, Wash. Micrometer. 2,402,778; June 25.

Rouault, George F.: *See*—
White, Claron N., Schwartz, and Rouault.

Rouault, George F., Whiting, Ind., and H. D. Rhodes, assignors to Standard Oil Company, Chicago, Ill. Hydroxamic acids. 2,397,508; Apr. 2.

Rougier, Harry J., Dayton, Ohio. Off-peak hot-water heater. 2,407,453; Sept. 10.

Rouleau, Wilfred J., Quincy, Mass. Air compressor. 2,404,660; July 23.

Rounds, Louis D., Toledo, Ohio. Lock nut and bolt. 2,398,965; Apr. 23.

Roup, Rolland R.: *See*—
Ehler, George M., and Roup.

Rouse, Anita A. C., Florham Park, N. J. Piano action protector. 2,403,196; July 2.

Rouse, John W., Little Falls, N. Y., and W. D. Moore, Kansas City, Mo., assignors to Remington Arms Company, Inc., Bridgeport, Conn. Tool grinding machine. 2,402,089; June 11.

Routson, Willis G., Berkeley, Calif., assignor to Shell Development Company, San Francisco, Calif. Corrosion protection of metals. 2,411,593; Nov. 26.

Routt, Arthur, Dundas, Ill. Roof. 2,399,891; May 7.

Rouy, Auguste L. M. A., New York, N. Y., assignor to The Gyro-Balance Company, Greenwich, Conn. Method and apparatus for balancing. 2,399,255; Apr. 30.

Rovick, John D., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Machine element. 2,401,192; May 28.

Rowe, Alvin V., assignor to Rowe Manufacturing Company, Galesburg, Ill. Overhead door construction. 2,412,910; Dec. 17.

Rowe, Donald C., Snyder, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Airplane wing contour gauge. 2,394,489; Feb. 5.

Rowe Manufacturing Company, assignee: *See*—
Rowe, Alvin V.

Rowe, Robert G.: *See*—
Roble, Norman P., and Rowe.

Rowe, Robert G., Niagara Falls, N. Y. Electronic amplifier and modifier. 2,406,565; Aug. 27.

Rowe, Robert G., and J. P. Goepfert, assignors to The Carborundum Company, Niagara Falls, N. Y. Coating apparatus. 2,402,183; June 18.

Rowe, William W., Cincinnati, assignor to Cincinnati Industries Inc., Lockland, Ohio. Creping of webs with thin coatings of creping adhesive. 2,399,256; Apr. 30.

Rowe, William W., Cincinnati, Ohio, assignor to Cincinnati Industries, Inc. Web of stretchable material and bag made therefrom. 2,405,521; Aug. 6.

Rowland, Arthur M., Graham, Tex. Pipe wrench. 2,405,757; Aug. 13.

Rowland, Davidge H., Sewickley, Pa. Producing insulators. 2,395,295; Feb. 19.

Rowlands, Tom, Altrincham, England, assignor to Linotype and Machinery Limited. Apparatus for separating sheets from piles. 2,395,644; Feb. 26.

Rowledge, Arthur J., Derby, and T. Shelley, Breaston, England. Jet propulsion power unit. 2,400,714; May 21.

Rowley, Cecil C., and L. C. Walgren, Wauneta, Nebr. Grain blower. 2,406,566; Aug. 27.

Rowley, Kennard A., Coventry, England. Engine cooling system. 2,401,510; June 4.

Roy, Loyd, assignee: *See*—
Potter, Goral O.

Roy, Nereus H., Glenbrook, Conn., and J. L. Bissel, Floral Park, N. Y., assignors to The Budd Company, Philadelphia, Pa. Strain measuring and load controlling apparatus. 2,411,139; Nov. 12.

Roy, Thomas, Grand Falls, New Brunswick, Canada. Rail joining and separating device. 2,398,116; Apr. 9.

Royal Lace Paper Works, assignee: *See*—
Marfiol, Edward, and Roehm.

Royal, Ralph M., assignor to United Shoe Machinery Corporation, Boston, Mass. Apparatus for cement-attaching soles to shoes. 2,398,040; Apr. 9.

Royal Typewriter Company, Inc., assignee: *See*—
Handley, George F.
Wendt, Frederick C.

Royce, Oldric, New York, N. Y. Shoulder perfectioner. 2,400,210; May 14.

Royden, George T., South Orange, N. J., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Radio antenna system. 2,393,656; Jan. 29.

Royer, George L., and E. I. Stearns, Jr., North Plainfield, N. J., assignors to American Cyanamid Company, New York, N. Y. Apparatus for fluid treating under controlled conditions. 2,405,167; Aug. 6.

Roys, Henry E., Indianapolis, Ind., assignor to Radio Corporation of America. Method of and system for recording audio-frequency waves. 2,400,953; May 28.

Rozner, Joseph J., assignor to Aetna Ball Bearing Manufacturing Company, Chicago, Ill. Ball bearing. 2,403,460; July 9.

Ruau, Félix F.: *See*—
Molins, Desmond W., and Ruau.

Ruau, Félix F., Deptford, London, assignor to Molins Machine Company Limited, London, England. Ordnance. 2,402,581; June 25.

Rubatex Products, Inc., assignee: *See*—
Bascom, Roger C., and Roberts.
Pfleumer, Hans.
Roberts, Dudley.

Rubel, Charles F., assignor to Union Special Machine Company, Chicago, Ill. Sewing machine. 2,400,602; May 21.

Rubel, Charles F., and A. M. Schweda, assignors to Union Special Machine Company, Chicago, Ill. Sewing machine. 2,398,667; Apr. 16.

Ruben, Samuel, New Rochelle, N. Y. Electrodeposition of insulating material. 2,393,068; Jan. 15.

Rubens, Louis C., and R. F. Boyer, assignors to The Dow Chemical Company, Midland, Mich. Copolymerization mixtures and polymeric products. 2,395,504; Feb. 26.

Rubenstein, Albert, Washington, D. C. Crayon. 2,409,000; Oct. 8.

Rubenstein, Charles, Kansas City, Mo. Work hold-down device. 2,411,059; Nov. 12.

Ruberoid Co., The, assignee: *See*—
Dantz, Thomas M.
Passiotto, Attiglio A., and Strunk.
Herbes, Ambrose W.
Lloyd, Hubert E.
Ritter, George.
Swenson, Joseph W.

Rubin, Irving, Brookline, and J. B. Meltz, Everett, Mass. Collapsible wheeled tray. 2,407,385; Sept. 10.

Rubin, Irving G., assignee, et al.: *See*—
Banks, Joseph L. R.

Rubin, Louis C.: *See*—
Solomon, Ernest, and Rubin.

Rubin, Martin: *See*—
Salmon, Miner R., and Rubin.
Wyss, Orville, Ludwig, and Rubin.

Rubin, Sol R., Los Angeles, Calif. Cap for exhaust pipes and the like. 2,402,669; June 25.

Rubinoff, Mark, New York, N. Y. Record device. 2,400,211; May 14.

Rubinstein, David: *See*—
Young, Harland H., and Rubinstein.

Rubissow, George A., New York, N. Y. Self-tuning polyharmonic damper. 2,398,722; Apr. 16.

Rub-R-Slate Draper Co., assignee: *See*—
Toews, Edward E.

Ruby, Thomas M., Whitmore Lake, assignor to King-Seeley Corporation, Ann Arbor, Mich. Speed governor. 2,409,070; Oct. 8.

Rucker, Benjamin P., Chicago, Ill. Lamp stand for clocks. 2,392,696; Jan. 8.

Rucker, Benjamin P., Chicago, Ill. Traffic signal. 2,396,971; Mar. 19.

Ruda, Gustaf W., assignor to Aktiebolaget Separator, Stockholm, Sweden. Method and device for determining the deflection of rotating bodies. 2,403,554; July 9.

Rudd, Kenneth H., Cleveland Heights, assignor to The Standard Oil Company, Cleveland, Ohio. Asphalt preparation. 2,392,863; Jan. 15.

Rudd, Wallace C., Larchmont, assignor to Induction Heating Corp., New York, N. Y. Induction heating and quenching device. 2,404,987; July 30.

Ruddock, William, assignee, et al.: *See*—
Melll, Gottfried.

Ruddock, William, South Pasadena, assignor of one-half to M. P. McCaffrey, Los Angeles, Calif. Material handling and loading apparatus. 2,398,859; Apr. 23.

Ruddock, William, South Pasadena, assignor of one-half to M. P. McCaffrey, Los Angeles, Calif. Material handling apparatus. 2,398,860; Apr. 23.

Rude, Nordahl L., Eau Claire, Wis. Cementing compound. 2,410,612; Nov. 5.

Rudeen, Carl O. R.: *See*—
Swanson, Edwin C., and Rudeen.

Rudel, John M., assignor to Standard Railway Equipment Manufacturing Co. (Canada) Limited, Montreal, Quebec, Canada. Car roof joint. 2,413,379; Dec. 31.

Rudenberg, Reinhold, Belmont, Mass. Damper system for synchronous generators. 2,411,002; Nov. 12.

Rudnick, Herbert, Gray, Iowa. Coupling device. 2,393,657; Jan. 29.

Rudolfs, Willem, Piscataway Township, Middlesex County, and H. W. Gehm, Metuchen, N. J., assignors to The Permutit Company, New York, N. Y. Coagulant composition for removal of suspended or dissolved materials from liquids. 2,393,269; Jan. 22.

Rudolph, Corrie F., Washington, D. C. Fluorescent light control. 2,407,685; Sept. 17.

Rudolph, Hans, Kansas City, Mo. Precision measuring instrument. 2,400,440; May 14.

Rudolph, Hans A.: *See*—
Dawsey, Lynn H., and Rudolph.

Rudolph, Harold V., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Frequency indicator for vibrating reed type alternators. 2,399,297; Apr. 30.

Rudolph Wurlitzer Company, The, assignee: *See*—
Osenberg, Erwin C.

Rudy, John E., and J. J. Zaleski, Coatesville, Pa. Electric welding with portable flux box. 2,412,065; Dec. 3.

Rudy, William D., Hoboken, N. J., assignor to Arvey Corporation, Chicago, Ill. Collapsible display device. 2,399,143; Apr. 23.

Rudzinski, Leonard J.: *See*—
Martin, Joseph F., Jr., and Rudzinski.

Rue, Harold E.: *See*—
Darragh, John K., and Rue.

Rue, Harold E., Wauwatosa, assignor to Pabst Brewing Company, Milwaukee, Wis. Preheater for bottle caps. 2,401,511; June 4.

Ruebensaal, Clayton F., Baltimore, assignor to The Glenn L. Martin Company, Middle River, Md. Molding gloves. 2,405,329; Aug. 6.

Rueckel, Walter C., Pittsburgh, Pa., assignor, by mesne assignments, to Koppers Company, Inc. Coke-oven wall construction. 2,393,658; Jan. 29.

Ruedrich, Paul M., Berkeley, assignor to Tide Water Association Oil Company, San Francisco, Calif. Rust preventive composition. 2,392,102; Jan. 1.

Ruegg, Rudolf, assignor to Aktiengesellschaft Fuer Technische Studien, Zurich, Switzerland. High-temperature gas heater. 2,409,801; Oct. 22.

Ruegg, Rudolf, assignor to Aktiengesellschaft Fuer Technische Studien, Zurich, Switzerland. Thermal power plant. 2,411,294; Nov. 19.

Ruehrmund, George H., Cardington, Ohio, assignor to H-P-M Development Corp., Wilmington, Del. Starting circuit for electrical devices. 2,393,192; Jan. 15.

Ruemelin, Richard, Milwaukee, Wis. Gun for blasting and spraying. 2,405,854; Aug. 13.

Ruen, Henry C., Detroit, Mich., and H. M. Simmons, Cleveland, Ohio, assignors to Cleaners Hanger Company, Detroit, Mich. Garment hanger. 2,391,923; Jan. 1.

Ruetz, Joseph, Biel, Switzerland. Tooth root pivot. 2,411,758; Nov. 26.

Ruffe, Gaylord P., Canton, Ohio. Match and cigarette container. 2,410,684; Nov. 5.

Ruge, Arthur C., Cambridge, Mass., assignor to The Baldwin Locomotive Works. Torque measuring apparatus. 2,392,293; Jan. 1.

Ruge, Arthur C., Cambridge, Mass., assignor to The Baldwin Locomotive Works. Fluid pressure responsive device. 2,400,467; May 14.

Ruge, Arthur C., Cambridge, Mass., assignor to The Baldwin Locomotive Works. Variable resistor. 2,403,951; July 16.

Ruge, Arthur C., Cambridge, Mass., assignor to The Baldwin Locomotive Works. Torquemeter. 2,403,952; July 16.

Ruggiero, Alfred J., assignor to E. D. Bullard Company, San Francisco, Calif. Suspension device for safety headgear. 2,398,561; Apr. 16.

Ruggles-Kinglemann Mfg. Co., assignee: *See*—
Kimball, James L.

Ruh, Robert P.: *See*—
Adelson, David E., Rub, and Gray.

Ruhl, Kenneth: *See*—
Condit, Paul A., and Ruhl.

Ruhlig, Arthur J., Washington, D. C. Electronic trigger circuit with time-delay. 2,405,237; Aug. 6.

Ruhoff, John R.: *See*—
Farr, Henry V., and Ruhoff.

Ruigh, William L.: *See*—
Winterstelner, Oskar, and Ruigh.

Ruigh, William L., Princeton, N. J., assignor to E. R. Squibb & Sons, New York, N. Y. Method. 2,413,000; Dec. 24.

Ruis, Raul M., assignee: *See*—
McCallick, William P.

Ruitson, Carroll J., Baldwinsville, N. Y. Mechanical decoy. 2,413,418; Dec. 31.

Rumery, Edgar S., Gardner, Mass. Portable heating attachment for fireplaces. 2,396,535; Mar. 12.

Rumsey, John C., Mission, Kans. Self-propelled vehicle construction. 2,402,297; June 18.

Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Acyclic terpene oxidation product and production. 2,392,413; Jan. 8.

Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Terpene derivative. 2,397,205; Mar. 26.

Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Stabilization of terpene product. 2,404,251; July 16.

Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Terpene derivatives. 2,406,106; Aug. 20.

Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Terpene derivatives. 2,407,937; Sept. 17.

Rumpel, Harvey H., assignor to Smith Engineering Works, Milwaukee, Wis. Support and actuating structure for gyratory crusher heads. 2,409,391; Oct. 15.

Rumsey, Amos B., Beloit, Wis., assignor to Gardner Machine Company, South Beloit, Ill. Grinding machine. 2,398,463; Apr. 16.

Rumsey, Joseph B., Westwood, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Apparatus for converting tow to top. 2,410,307; Oct. 29.

Rundell, Raymond R., Miami, Fla. Swinging bracket. 2,409,152; Oct. 8.

Rundell, Rupert E., Rockville Centre, N. Y., assignor to American Machine & Foundry Company. Stemming and shredding apparatus. 2,398,450; Apr. 16.

Rundle, Walter, Berea, and H. E. Bruce, Elyria, Ohio. Spearhead nozzle. 2,411,231; Nov. 19.

Runge, Frank E., Haddon Heights, N. J., assignor to Radio Corporation of America. High voltage safety switch. 2,395,683; Feb. 26.

Runyon, Benjamin F.: *See*—
Butterfield, Joseph T., Knapp, and Runyon.

Rupp, Walter H., Mountainside, and R. O. Wright, Elizabeth, N. J., assignors to Standard Oil Development Company. Separation of hydrocarbons from water miscible liquids by distillation and washing. 2,411,808; Nov. 26.

Rupp, Walter H., Mountainside, and R. O. Wright, Elizabeth, N. J., assignors to Standard Oil Development Company. Apparatus for separating fluids. 2,411,809; Nov. 26.

Rupp, William B.: *See*—
Green, Norval H., and Rupp.

Ruppel, Alfred E.: *See*—
Koenig, Walter, Jr., and Ruppel.

Ruppel, Frederick H., Pasadena, Calif. Ground mat. 2,402,090; June 11.

Ruppel, Frederick H., Pasadena, Calif. Ground mat. 2,404,097; July 16.

Rurak, Anthony, Springfield, Mass. Chisel. 2,412,783; Dec. 17.

Rusch, Max, Seattle, Wash. Machine for breaking up cartons. 2,400,263; May 14.

Rush, John A., assignor to P. L. Robertson Mfg. Co. Limited, Milton, Ontario, Canada. Machine for slotting screws. 2,408,686; Oct. 1.

Rush, John W.: *See*—
Hines, Claude M., and Rush.

Rush, John W., and A. J. Bent, Wilkinsburg, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure motor. 2,413,380; Dec. 31.

Rushing, Frank C.: *See*—
Baudry, René A., Rushing, and Fink.

Rushing, Frank C., H. C. Werner, Pittsburgh 21, and B. Cametti, East McKeesport, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Vibrograph. 2,393,069; Jan. 15.

Rushing, George, Jr., Little Rock, Ark. Fire alarm. 2,398,966; Apr. 23.

Rushmer, Ralph H.: *See*—
Goepfer, George J., and Rushmer.

Ruskin, Frances R., assignee: *See*—
Ruskin, Simon L.

Ruskin, Henry, assignor to Metal Specialties Manufacturing Co., Chicago, Ill. Stapler. 2,399,761; May 7.

Ruskin, Henry, assignor of one-half to G. E. Hale, Chicago, Ill. Dry shaver and element thereof. 2,411,594; Nov. 26.

Ruskin, Simon L., New York, N. Y. Preparations of arsenic and antimony. 2,395,069; Feb. 19.

Ruskin, Simon L., New York, N. Y., assignor to F. R. Ruskin. Stabilized metal ascorbates. 2,400,171; May 14.

Ruskin, Simon L., New York, N. Y., assignor to F. R. Ruskin. Sulphanilamide derivatives and preparing same. 2,407,686; Sept. 17.

Russel, Philip S., assignor to Detroit Lubricator Company, Detroit, Mich. Controlling means. 2,396,205; Mar. 5.

Russel, Philip S., assignor to Detroit Lubricator Company. Detroit, Mich. Fuel supply controlling means for burners. 2,413,655; Dec. 31.

Russell, Alexander, M. Parker, and R. A. Harris, assignors to The Forgrove Machinery Company Limited, Leeds, England. Machine for wrapping plastic materials. 2,397,812; Apr. 2.

Russell, Anne, administratrix: *See*—
Russell, George M.

Russell, Arthur O.: *See*—
Reichel, Frank H., and Russell.

Russell, Clyde D., Oakland, assignor to California Packing Corporation, San Francisco, Calif. Can testing and selecting device. 2,399,391; Apr. 30.

Russell, Clyde D., Oakland, assignor to California Packing Corporation, San Francisco, Calif. Filling valve. 2,413,194; Dec. 24.

Russell Electric Company, assignee: *See*—
Stolberg, Sven A.

Russell, Elwyn S., Belmont, Mass., assignor to the Government of the United States of America, as represented by the Secretary of War. Applicator for ear protectors. 2,393,340; Jan. 22.

Russell, Frank H.: *See*—
Lovell, Stanley P., and Russell.

Russell, Frank J., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Switching mechanism. 2,396,972; Mar. 19.

Russell, George F.: *See*—
Mann, Julius W., and Russell.

Russell, George L., assignor to Ex-Cell-O Corporation, Detroit, Mich. Work holding means. 2,409,590; Oct. 15.

Russell, George M., deceased, Millbrae; A. Russell, administratrix, assignor to Pacific Can Company, San Francisco, Calif. Fluid fountain for printing presses. 2,408,449; Oct. 1.

Russell, Harlow M., assignee: *See*—
Sidebotham, Melvin H.

Russell, Harold D., and J. I. Crabtree, assignors to Eastman Kodak Company, Rochester, N. Y. Processing apparatus. 2,409,153; Oct. 8.

Russell, Howard W., and C. F. Lucks, Columbus, assignors, by mesne assignments, to Anchor Hocking Glass Corporation, Lancaster, Ohio. Apparatus for recording temperature. Re. 22,709; Jan. 15.

Russell, Irving H., Oak Park, and F. C. Binnall, River Forest, assignors to Sloan Valve Company, Chicago, Ill. Flush valve. 2,406,259; Aug. 20.

Russell, John: *See*—
Houck, Robert C., Russell, and Sheppard.

Russell, John D., C. F. Ball, and A. S. Knoizen, assignors to Joy Manufacturing Company, Franklin, Pa. Loading machine. 2,392,697; Jan. 8.

Russell, John K., assignor to Luber-Finer, Inc., Los Angeles, Calif. Fitting. 2,398,041; Apr. 9.

Russell, John L., Naugatuck, assignor to The Bristol Company, Waterbury, Conn. Speed regulating device. 2,399,574; Apr. 30.

Russell, Kenneth L.: *See*—
Richardson, Earl L., and Russell.

Russell, Louis C., McGraw, N. Y. Cattle stall partition appliance. 2,408,533; Oct. 1.

Russell, Lyman B., Jr., Edinburg, Tex. Separable rim. 2,409,901; Oct. 22.

Russell Manufacturing Company, The, assignee: *See*—
Hendley, James A.

Russell-Miller Milling Co., assignee: *See*—
Sullivan, Elizabeth J.

Russell, Nelson B.: *See*—
Bond, Donald C., and Russell.

Russell, Nevin J., Wauwatosa, assignor to Robert A. Johnston Company, Milwaukee, Wis. Distinctively appearing ice cream and making same. 2,392,698; Jan 8.

Russell, Philip T., Mount Rainier, Md. Acoustical apparatus. 2,396,722; Mar. 19.

Russell, Robert C., Cleveland Heights, assignor to Eaton Manufacturing Company, Cleveland, Ohio. Automatic transmission. 2,392,950; Jan. 15.

Russell, Stanley D., Racine, Wis., assignor to J. I. Case Company. Baler. 2,411,407; Nov. 19.

Russell, Stanley D., assignor to J. I. Case Company, Racine, Wis. Baling means. 2,413,522; Dec. 31.

Russell, Theodore, Naugatuck, Conn. Adjustable clothesline fastener. 2,412,097; Dec. 3.

Russell, William J., New Britain, Conn., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Binoculars. 2,393,339; Jan. 22.

Russell, William L.: *See*—
Barnaby, James C., and Russell.

Russell, William L., Tulsa, Okla. Apparatus for well logging. 2,398,562; Apr. 16.

Russnak, Clarence J., assignor to Teletype Corporation, Chicago, Ill. Perforating machine. 2,393,416; Jan. 22.

Russell, William F., Norwalk, Conn., assignor to R. T. Vanderbilt Company, Incorporated, New York, N. Y. Production of alcoholates. 2,405,712; Aug. 13.

Russell, William F., Norwalk, Conn., assignor to R. T. Vanderbilt Company, Incorporated, New York, N. Y. Production of alcoholates. 2,405,713; Aug. 13.

Rust, David J., assignor to Ry-Lock Company, Ltd., San Leandro, Calif. Frameless window screen. 2,405,855; Aug. 13.

Rust, Frederick F.: *See*—
Vaughan, William E., and Rust.

Rust, Frederick F., and W. E. Vaughan, Berkeley, Calif., assignors to Shell Development Company. Photochemical preparation of thio-ethers. 2,392,294; Jan. 1.

Rust, Frederick F., and W. E. Vaughan, Berkeley, Calif., assignors to Shell Development Company, San Francisco, Calif. Photo-chemical production of halogenated thio-ethers. 2,392,295; Jan. 1.

Rust, Frederick F., and W. E. Vaughan, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Methylation of olefinic hydrocarbons. 2,396,206; Mar. 5.

Rust, Frederick F., Berkeley, F. H. Dickey, Oakland, and E. R. Bell, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Asymmetrical diterliary peroxides. 2,403,758; July 9.

Rust, John B.: *See*—
Hessel, Frederick A., and Rust.

Rust, John B., West Orange, N. J., assignor to Montclair Research Corporation. Modified rosin esters and making same. 2,398,668; Apr. 16.

Rust, John B., West Orange, N. J., assignor to Montclair Research Corporation. Modified rosin esters and making same. 2,398,669; Apr. 16.

Rust, John B., West Orange, N. J., assignor to Montclair Research Corporation. Modified rosin ester-drying oil varnish bases and making same. 2,398,670; Apr. 16.

Rust, John B., West Orange, N. J., assignor to Montclair Research Corporation. Tarnish prevention of silverware. 2,400,784; May 21.

Rust, John B., West Orange, N. J., assignor to Montclair Research Corporation. Preventing the tarnishing of silverware. 2,400,785; May 21.

Rust, John B., West Orange, N. J., assignor to Montclair Research Corporation. Preventing silverware from tarnishing. 2,400,786; May 21.

Rust, John B., West Orange, and W. H. Van Delden, Cedar Grove, N. J., assignors to Montclair Research Corporation. Formaldehyde-cellulose products and making same. 2,397,437; Mar. 26.

Rust, John B., West Orange, and F. A. Hessel, Montclair, N. J., assignors to Montclair Research Corporation. Polyhydric phenol-acetone-formaldehyde products and making same. 2,398,331; Apr. 9.

Rust, John B., West Orange, and W. H. Van Delden, Cedar Grove, N. J., assignors to Montclair Research Corporation. Alkamido cellulose ethers and making same. 2,399,603; Apr. 30.

Rust, John B., West Orange, and C. A. MacKenzie, Montclair, N. J., assignors of one-half to Montclair Research Corporation, and one-half to Ellis-Foster Company. Silico-organic derivatives and making the same. 2,413,582; Dec. 31.

Rustad, Fritz, Larchmont, N. Y. Internal-combustion engine. 2,397,752; Apr. 2.

Rustless Iron and Steel Corporation, assignee: *See*—
Clingan, Irvine C.

Ruth, Arthur P., Houston, Tex. Combination pressure tank and pump. 2,403,555; July 9.

Ruth, Arthur P., Houston, Tex. Centrifugal pump. 2,403,556; July 9.

Rutherford, John T.: *See*—
Miller, Robert J., and Rutherford.

Rutherford, Peter B.: *See*—
Luster, Donald R., and Rutherford.

Ruthruff, Robert F., Chicago, Ill. Selective catalytic cracking. 2,397,329; Mar. 26.

Ruthruff, Robert F., Chicago, Ill. Flushing oil. 2,410,613; Nov. 5.

Rutka, Stanley J., Gheen, Minn. Pipe vise. 2,398,332; Apr. 9.

Rutledge, R. M., assignee, trustee, et al.: *See*—
Stark, Fred J., and Slack.

Rutter, Alvah E., Rockford, Ill., assignor to J. I. Case Company, Racine, Wis. Offset disk harrow. 2,404,252; July 16.

Rutter, Donald E., East Cleveland, H. B. Shapiro, Cleveland, and W. J. Brown, Cleveland Heights; said H. B. Shapiro now by judicial change of name Harry B. Shaper, assignors to The Brush Development Company, Cleveland, Ohio. Phone and making same. 2,391,924; Jan. 1.

Rutzkay, Paul, Stamford, assignor to Electrolux Corporation, Old Greenwich, Conn. Cord winder. 2,393,417; Jan. 22.

Ruzicka, Leopold, Zurich, Switzerland, assignor to Ciba Pharmaceutical Products, Incorporated, Summit, N. J. Lactones of the saturated and unsaturated cyclopentanopolyhydrophenanthrene series and process of preparing same. 2,398,881; Apr. 23.

Ryan Aeronautical Co., The, assignee: *See*—
Immenschuh, William T.
Kops, Earl A., Sanborn, and Johnson.

Ryan, Albert O., River Edge, N. J. Forming filamentary articles. 2,402,846; June 25.

Ryan, Clyde R.: *See*—
Bent, Franklin A., and Ryan.

Ryan, Commodore D., Los Angeles, Calif., assignor to Commercial Controls Corporation. Sealing and ejecting apparatus for mail treating machines. 2,404,193; July 16.

Ryan, Commodore D., Los Angeles, Calif., assignor to Commercial Controls Corporation. Liquid level controlling device for envelope moistening devices. 2,412,538; Dec. 10.

Ryan, Commodore D., Los Angeles, F. J. Dempsey, Huntington Park, F. A. Straub, Los Angeles, and B. S. Tyler, Inglewood, Calif., assignors to Commercial Controls Corporation. Printing machine. 2,406,040; Aug. 20.

Ryan, Commodore D., Los Angeles, F. P. Sager, Alhambra, and E. R. Bergmark, Los Angeles, Calif., assignors to Commercial Controls Corporation. Postage printer. 2,412,472; Dec. 10.

Ryan, George F., Peabody, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Dicing out machine. 2,401,800; June 11.

Ryan, George F., Peabody, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Method of and apparatus for perforating sheet material. 2,405,714; Aug. 13.

Ryan, James J., assignor to Federal Cartridge Corporation, Minneapolis, Minn. Welded steel components and manufacturing same. 2,397,206; Mar. 26.

Ryan, John D.: *See*—
Erickson, Arvid M., and Ryan.

Ryan, John F., Walpole, assignor to The Kendall Company, Boston, Mass. Plaster bandage. 2,402,779; June 25.

Ryan, Joseph D., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Temporary protective coatings. 2,392,768; Jan. 8.

Ryan, Joseph D., and G. R. Zolman, assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Producing bent laminated safety glass. 2,392,770; Jan. 8.

Ryan, Joseph R., Williamsville, N. Y., assignor to Buffalo Electro-Chemical Company, Inc., Buffalo, N. Y. Electrochemical process for production of sodium perchlorate. 2,392,769; Jan. 8.

Ryan, Victor A.: *See*—
Kesler, William C., and Ryan.

Ryan, William, New York, N. Y. Map device. 2,404,988; July 30.

Ryan, William, New York, N. Y. Ship guiding system. 2,406,512; Aug. 27.

Ryan, William H., Cambridge, A. Barnes, Waltham, and H. P. Husek, Allston, assignors to Polaroid Corporation, Cambridge, Mass. Method of forming images of dichroic materials. 2,409,959; Oct. 22.

Rydberg, Fred A.: *See*—
Prather, Charles, and Rydberg.

Ryde, John L.: *See*—
McCulloch, Robert P., and Ryde.

Ryde, John L., Milwaukee, Wis., assignor to McCulloch Aviation, Inc., Los Angeles, Calif. Internal-combustion engine. 2,406,404; Aug. 27.

Ryden, Laurence L., Midland, Mich., assignor to The Dow Chemical Company. Polysulphide polymer. 2,406,260; Aug. 20.

Ryder, Anthony J., Massillon, Ohio, assignor to The Griscom-Russell Company, New York, N. Y. Support for finned tubes. 2,402,209; June 18.

Ryder, Elmer, Berwyn, Ill. Internal-combustion engine. 2,407,102; Sept. 3.

Ryder, John D., Ames, Iowa, and A. J. Hornfeck, Cleveland Heights, Ohio, assignors to Bailey Meter Company. Measuring and control system. 2,402,210; June 18.

Ryder, Willard D., Tulsa, Okla. Insulating structure. 2,405,330; Aug. 6.

Ry-Lock Company, Ltd., assignee: *See*—
Rust, David J.

Rylsky, Gregory V., New York, N. Y., assignor to Bendix Aviation Corporation, Teterboro, N. J. Illuminating means for indicating instruments. 2,413,381; Dec. 31.

Rylsky, Gregory V., Ridgefield Park, and F. W. Schule, Jr., Hackensack, assignors to Bendix Aviation Corporation, Bendix, N. J. Hand held low altitude bombsight. 2,404,746; July 23.

Rymer, S. B., assignor to Dixie Foundry Company, Inc., Cleveland, Tenn. Stove. 2,394,811; Feb. 12.

Rymland, Murray J., assignee: *See*—
Frankel, Sydney.

Ryno, Juddson B., Chicago, and C. L. Casey, Riverside, assignors to Reliable Sheet Metal Engineering Co., Chicago, Ill. Vending machine. 2,412,539; Dec. 10.

S. & S. Corrugated Paper Machinery Co., Inc., assignee: *See*—
Shields, Albert F.

S. V. H. Corporation, assignee: *See*—
Horton, Stephen V.

S. & Z. Manufacturing Company, Inc., assignee: *See*—
Samuelson, Otto H., and Zappia.

Saathoff, George W.: *See*—
Shumate, Frank D., and Saathoff.

Saballus, Erwin, and C. W. Fischer, assignors to The Powers Regulator Company, Chicago, Ill. Control mechanism. 2,411,295; Nov. 19.

Sabe, Andrew, Tunbridge, N. Dak. Fish lure. 2,403,759; July 9.

Sabiers, Charles, Amherst, Ohio. Flashlight. 2,399,511; Apr. 30.

Sabin, Adolph L., Rogers City, Mich. Support. 2,401,193; May 28.

Sabini, Frederick, Salem, N. J. Toy submarine. 2,405,715; Aug. 13.

Sacchini, Columbus R., Euclid, assignor to The Marquette Metal Products Company, Cleveland, Ohio. Motion converter mechanism. 2,393,193; Jan. 15.

Sacchini, Columbus R., Euclid, assignor to The Marquette Metal Products Company, Cleveland, Ohio. Combination converter and window unit. 2,393,194; Jan. 15.

Sacchini, Columbus R., Euclid, assignor to The Marquette Metal Products Company, Cleveland, Ohio. Fluid operated motor. 2,404,747; July 23.

Sacchini, Columbus R., Euclid, assignor to The Marquette Metal Products Company, Cleveland, Ohio. Fluid control apparatus. 2,404,924; July 30.

Saccoccio, Anthony R., Cranston, R. I. Attachment of lazy tong bracelets and end hooks. 2,401,022; May 28.

Sachanen, Alexander N.: *See*—
Caesar, Philip D., and Sachanen.
Kirkpatrick, James B., Somers, and Sachanen.

Sachanen, Alexander N., and A. A. O'Kelly, Woodbury, N. J., and C. G. Myers, Bryn Mawr, Pa., assignors to Socony-Vacuum Oil Company, Incorporated. Alkylation process. 2,410,107; Oct. 29.

Sachanen, Alexander N., and A. A. O'Kelly, Woodbury, N. J., and C. G. Myers, Bryn Mawr, Pa., assignors to Socony-Vacuum Oil Company, Incorporated. Alkylation. 2,410,108; Oct. 29.

Sacher, William S., Pottstown, assignor of one-half to I. C. Shalkop, Philadelphia, and one-fourth to E. I. Keiser, Pottstown, Pa. Automotive brake. 2,400,468; May 14.

Sachs, Alfred H., assignee: *See*—
Schutz, Nathan R., and Dubitsky.

Sachse, Julius F., Summit, assignor to Metals Disintegrating Company, Inc., Elizabeth, N. J. Making abrasive articles. 2,404,598; July 23.

Sachtleben, Lawrence T., Indianapolis, Ind., assignor to Radio Corporation of America. Lens coating apparatus. 2,397,207; Mar. 26.

Sachtleben, Lawrence T., Indianapolis, Ind., assignor to Radio Corporation of America. Objective. 2,407,347; Sept. 10.

Sachtleben, Lawrence T., Indianapolis, Ind., and W. L. Douden, Philadelphia, Pa., assignors to Radio Corporation of America. Light filter. 2,403,685; July 9.

Sack, Anni, Basel, Switzerland. Ampoule-syringe. 2,404,316; July 16.

Saco, Felix, Jr., West Hartford, and W. R. Williamson, assignors to The Maxim Silencer Company, Hartford, Conn. Automatic control for waste heat boilers. 2,395,583; Feb. 26.

Saco, Felix, Jr., West Hartford, Conn., and W. R. Williamson, Valley Stream, N. Y., assignors to The Maxim Silencer Company, Hartford, Conn. Waste heat utilizer. 2,397,208; Mar. 26.

Saco-Lowell Shops, assignee: *See*—
Burnham, Virgil A.
Cotchett, Louis M.
Gwaltney, Eugene C., and Child.
Gwaltney, Eugene C., and Marsh.
Kennedy, John A.
Neal, Charles M.
Silox, Arthur E.
Tarr, Roderic D.

Saddington, Arthur W., Syracuse, assignor to The Solvay Process Company, New York, N. Y. Manufacture of sodium sulphides. 2,409,392; Oct. 15.

Sadinoff, Max, New York, N. Y. Netted fabric. 2,399,392; Apr. 30.

Sadlon, Stephen: *See*—
Christensen, Donald W., and Sadlon.

Sadowsky, Meier, New York, N. Y., assignor to Radio Corporation of America. Luminescent screen and manufacture. 2,412,654; Dec. 17.

Sadtler, Robert E., Ridley Park, Pa., assignor of one-fourth to N. W. Underwood, Jr., Cleveland, Ohio. Removing paint and varnish. 2,392,699; Jan. 8.

Saemann, Franklin I., assignee: *See*—
Mollenhour, Delbert C.

Safety Boat Company, assignee: *See*—
Nelson, Fred N.

Safety Car Heating and Lighting Company, Inc., The, assignee: *See*—
Schepmoes, Lindsley.
Strobell, John D.
Von Ohlsen, Louis H.

Safety Tank Truck Corporation, assignee: *See*—
Scott, Carlyle H. and P. H.

Saffady, Thomas F., Detroit, Mich. Electric iron. 2,395,584; Feb. 26.

Saffady, Thomas F., Detroit, Mich. Valve. 2,395,942; Mar. 5.

Saffir, Jacob A., Kew Gardens, assignor to Dentists' Supply Company of New York, New York, N. Y. Artificial tooth. 2,391,925; Jan. 1.

Saffir, Jacob A., assignor to The Dentists' Supply Company, New York, N. Y. Artificial tooth and mount therefor. 2,398,671; Apr. 16.

Saffir, Jacob A., Chicago, Ill., assignor to Dentists' Supply Company of New York, New York, N. Y. Artificial tooth. 2,402,259; June 18.

Sage, Harry C., assignor to Thompson Sage, Inc., Stockton, Calif. Pickup reel for harvesters. 2,413,072; Dec. 24.

Sage, Thompson, Inc., assignee: *See*—
Sage, Harry C.

Sager, Frank P.: *See*—
Ryan, Commodore D., Sager, and Bergmark.

Sager, Robert H., University Heights, Ohio. Sunshade and other auxiliary spectacles. 2,408,273; Sept. 24.

Saginaw Products Corporation, assignee: *See*—
Kelly, Gerald W.

Sagner, Walter T., West Hartford, Conn., assignor to Underwood Corporation. Typewriting machine. 2,395,763; Feb. 26.

Sahmel, Viggo, Forest Hills, assignor to F. L. Smidth & Co., New York, N. Y. Indicating device for material treating apparatus. 2,405,059; July 30.

Sahyun, Melville, Detroit, Mich., assignor, by mesne assignments, to Sterling Drug Inc., Wilmington, Del. Pharmaceutical solution. 2,411,897; Dec. 3.

Sahyun, Melville, and J. A. Faust, Detroit, Mich., assignors to Sterling Drug Inc., New York, N. Y. Alpha-(meta-hydroxyphenyl)-beta-methylaminoethanol para-aminobenzoate. 2,413,656; Dec. 31.

Sala, John J., Woodstock, Md. Guide for public safety of vehicles and pedestrians. 2,400,655; May 21.

St. Clair, Milton H., Sussex, assignor to S. Switlik, Trenton, N. J. Parachute harness. 2,400,471; May 14.

St. Clair, Theodore A.: *See*—
Garretson, Owen L., St. Clair, and Olson.

St. Clair, Theodore A., Pontiac, Mich., assignor to Phillips Petroleum Company. High pressure fuel carburetor. 2,393,125; Jan. 15.

St. Clair, Theodore A., C. F. Sievers, and A. R. Olson, Bartlesville, Okla., assignors to Phillips Petroleum Company. Automatic container filling device. 2,405,263; Aug. 20.

Saint Freres (Société Anonyme), assignee: *See*—
Pelcé, Henri.

St. Louis, Alfred J.: *See*—
O'Farrell, Matthew, and St. Louis.

St-Mars, Yvon, Verdun, Quebec, Canada. Scaffold ladder. 2,400,650; May 21.

St. Palley, Zoltan O., Pittsfield, Mass., assignor to General Electric Company. Electric protective system. 2,407,521; Sept. 10.

St. Palley, Zoltan O., Pittsfield, Mass., assignor to General Electric Company. Load-ratio-control circuit. 2,411,476; Nov. 19.

St. Paul Hydraulic Hoist Company, assignee: *See*—
Penney, Raymond A.

St. Pierre, Eugene, Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Gap closing device. 2,394,339; Feb. 5.

St. Pierre, Eugene, Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Yarn feeding device. 2,399,403; Apr. 30.

St. Pierre, Eugene, Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Knitting machine. 2,402,098; June 11.

St. Pierre, Eugene, Pawtucket, assignor to Hemphill Company, Providence County, R. I. Clutch and pattern drum mechanism. 2,411,303; Nov. 19.

St. Pierre, Henry, Worcester, Mass. Detachable chain link. 2,398,897; Apr. 23.

St. Pierre, Henry, Worcester, Mass. Solid forged locking stud link. 2,398,898; Apr. 23.

St. Pierre, Henry, Worcester, Mass. Chain link. 2,400,854; May 21.

St. Pierre, Henry, Worcester, Mass. Stud chain locking link. 2,400,855; May 21.

St. Regis Paper Company, assignee: *See*—
Hartman, Carl H., Marsh, and Dorrington.
Lee, Harry E.
Norvig, Axel.
Peterson, William R.
Shearer, Russell C.

Salathiel, Richard A., Houston, Tex., assignor to Standard Oil Development Company. Process and agent for breaking petroleum emulsions. 2,401,966; June 11.

Salazar, Jose R., Mexico City, Mexico, assignor to The Quaker Oats Company, Chicago, Ill. Die. 2,394,876; Feb. 12.

Saldain, Fermin P., Buenos Aires, Argentina. Loop knitting device. 2,399,144; Apr. 23.

Sale, William H., Richmond, Va. Journal box and dust guard. 2,397,753; Apr. 2.

Salem Engineering Company, The, assignee: *See*—
Doyle, Collin M.

Salem, Max, New York, N. Y. Combination lady's handbag and umbrella compartment. 2,394,332; Feb. 5.

Salem Tool Company, The, assignee: *See*—
McCarthy, Vincent J.

Salfisberg, Leroy L., South Orange, N. J. Sealing and crimping machine. 2,402,298; June 18.

Salfisberg, Leroy L., South Orange, assignor to Ivers-Lee Company, Newark, N. J. Tape applier. 2,404,317; July 16.

Salisbury, Charles K., Waterloo, Iowa. Tracer controlled feed mechanism for machine tools. 2,402,450; June 18.

Salisbury, Frederick L., Hempstead Gardens, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Coaxial condenser crystal and making same. 2,406,405; Aug. 27.

Salisbury, Leroy F.: *See*—
Coffman, Donald D., and Salisbury.

Salisbury, Roy G., East Cleveland, Ohio, assignor to Pesco Products Co. Flowmeter. 2,392,951; Jan. 15.

Salisbury, Wilbur S., Winchester, Idaho. Log loading hook. 2,398,464; Apr. 16.

Sallmover, Nicholas M., assignor to The Queen City Steel Treating Co., Cincinnati, Ohio. Nitriding apparatus. 2,392,267; Jan. 1.

Salle, Anthony J., Los Angeles, Calif. Sterilizing method and system. 2,397,292; Mar. 26.

Salle, Anthony J., West Los Angeles, and H. L. Guest, Ocean Park, assignors of one-half to L. A. Gunther, Robbins, Calif. Metallic germicidal solution and making same. 2,399,829; May 7.

Saller, Arthur, New York, N. Y. Belt. 2,410,759; Nov. 5.

Sallmann, Richard: *See*—
Albrecht, Otto, Graenacher, Sallmann, and Rossi.
Graenacher, Charles, and Sallmann.

Salminen, Ilmari F., and A. Weissberger, assignors to Eastman Kodak Company, Rochester, N. Y. Producing p-phenylene diamines. 2,407,207; Sept. 3.

Salmon, Miner R., Montclair, N. J., and M. Rubin, New York, N. Y., assignors to Wallace & Tiernan Products, Inc. Synthesis of diethyl stilbestrol compounds. 2,393,570; Jan. 22.

Salmon, Reginald D.: *See*—
Thompson, Alfred E., and Salmon.

Salmonsen, Anton, Great Kills, Staten Island, N. Y. Vibration eliminator for pressure regulators. 2,405,371; Aug. 6.

Salo, Martin, assignor to Eastman Kodak Company, Rochester, N. Y. Applying protective coatings. 2,398,042; Apr. 9.

Salo, Martin, assignor to Eastman Kodak Company, Rochester, N. Y. Coating compositions for moisture-proofing by hot melt coating. 2,409,985; Oct. 22.

Salo, Martin, assignor to Eastman Kodak Company, Rochester, N. Y. Coating compositions for moisture-proofing by hot melt coating. 2,409,986; Oct. 22.

Salo, Martin, and H. F. Vivian, assignors to Eastman Kodak Company, Rochester, N. Y. Hot melt-coating composition. 2,410,685; Nov. 5.

Salsom, Frank J., Milwaukee, Wis. Fishing float. 2,393,070; Jan. 15.

Salstrom Carving Machine Company, assignee: *See*—
Salstrom, David B.

Salstrom, David B., assignor to Salstrom Carving Machine Company, Chicago, Ill. Machine for making airplane propellers and the like. 2,400,954; May 28.

Saltzman, Bernard E., Dorchester, Mass. Integrating mechanism. 2,398,600; Apr. 16.

Salvage & Marine Company of Egypt, assignee: *See*—
Pellon, Paul.

Salvatore, D'amato, Youngstown, Ohio. Guard for router machines. 2,399,707; May 7.

Salvesen, Jörgen R., R. L. Hossfeld, and R. J. Lovin, Wausau, Wis., assignors to Marathon Corporation. Making low molecular weight lignin degradation products. 2,405,450; Aug. 6.

Salvesen, Jörgen R., R. L. Hossfeld, and R. J. Lovin, Wausau, Wis., assignors to Marathon Corporation. Producing low molecular weight lignin degradation products. 2,405,451; Aug. 6.

Salvin, Victor S.: *See*—
Seymour, George W., and Salvin.

Salzberg, Bernard, Washington, D. C. Spark gap tube. 2,397,982; Apr. 9.

Salzberg, Bernard, Washington, D. C., assignor to Radio Corporation of America. Electron discharge device and circuit. 2,409,591; Oct. 15.

Salzberg, Paul L.: *See*—
Lazier, Wilbur A., and Salzberg.

Salzberg, Paul L., Carrcroft, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Product. 2,407,292; Sept. 10.

Salzmann, Fritz, assignor to Aktiengesellschaft Fuer Technische Studien, Zurich, Switzerland. Thermal power plant. 2,404,748; July 23.

Samann, Eric L., Detroit, Mich. Hand grenade. 2,397,509; Apr. 2.

Samann, Eric L., Grand Rapids, Mich. Hand grenade. 2,397,510; Apr. 2.

Samel, Leo, Harvey, Ill. Beverage container and dispenser. 2,400,955; May 28.

Samiran, David, Osborn, Ohio. Automatic water segregator. 2,402,670; June 25.

Samiran, David, Osborn, Ohio. Multiple tank fuel system. 2,406,854; Sept. 3.

Sampson, Frederick W., Dayton, Ohio, and G. J. Hyde, Brooklyn, N. Y., assignors to General Motors Corporation. Firearm construction. 2,403,306; July 2.

Sampson, Frederick W., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Carbine. 2,405,758; Aug. 13.

Sampson, Harold A., Burlingame, Calif. Calk. 2,406,476; Aug. 27.

Sampson, William, Aldwych, London, England, assignor, by mesne assignments, to Foster Wheeler Corporation, New York, N. Y. Furnace floor structure. 2,405,610; Aug. 13.

Sams, Robert H.: *See*—
Baker, Chester L., and Sams.

Samson, Edward W., assignor to Hammermill Paper Company, Erie, Pa. Method and apparatus for producing designed papers. 2,403,461; July 9.

Samuel, Arthur L.: *See*—
Anderson, Alva E., and Samuel.
Hartley, Ralph V. L., and Samuel.

Samuel, Arthur L., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Ultra high frequency electronic device contained within wave guides. 2,402,184; June 18.

Samuel, Arthur L., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron beam device. 2,403,025; July 2.

Samuel, Arthur L., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron beam amplifier. 2,405,611; Aug. 13.

Samuel, Arthur L., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Oscillator. 2,409,224; Oct. 15.

Samuel, Arthur L., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge apparatus. 2,409,644; Oct. 22.

Samuel, Arthur L., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron beam modulator. 2,410,840; Nov. 12.

Samuel, Arthur L., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Tuning arrangement. 2,410,841; Nov. 12.

Samuel Stamping and Enameling Company, assignee: *See*—
Zimbelman, George W., and Cherry.

Samuelsen, Arthur H.: *See*—
Heil, Joseph F., and Samuelsen.

Samuelson, Janet, Lehighton, Pa. Gusseted plastic handbag. 2,398,118; Apr. 9.

Samuelson, Otto H., Muncie, and A. T. Zappia, assignors to S. & Z. Manufacturing Company, Inc., Indianapolis, Ind. Apparatus for forming hollow glass articles. 2,398,465; Apr. 16.

Sanborn, Arthur R., East Orange, N. J., assignor to General Electric Company. Operating mechanism. 2,392,700; Jan. 8.

Sanborn, Charles H., assignee, et al.: *See*—
Nameth, Louis S.

Sanborn, Daniel S.: *See*—
Kops, Earl A., Sanborn, and Johnson.

Sanborn, Daniel S., San Diego, Calif. Two-stroke cycle internal-combustion engine. 2,401,111; May 28.

Sanborn, John W.: *See*—
Boerner, Thomas J., and Sanborn.

Sánchez, Andrew, New York, N. Y. Cooling apparatus. 2,394,109; Feb. 5.

Sanchez, Emilio B., Miami, Fla. Game apparatus. 2,408,687; Oct. 1.

Sandberg, Clifford H., Glenview, Ill. Track spike. 2,401,967; June 11.

Sandberg, Ernest H., Long Beach, Calif. Micrometer height gauge. 2,400,715; May 21.

Sandberg, Ray A., Waukegan, Ill., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Ignition and steering locking assembly. 2,412,752; Dec. 17.

Sandebond Patents, Inc., assignee: *See*—
Biddle, William P., Jr.

Sandel, Emil J.: *See*—
Cox, George S., and Sandel.

Sander, Morris, Philadelphia, Pa., assignor to Radio Corporation of America. Audio reactor. 2,411,810; Nov. 26.

Sanders, Arthur F., Leeds, England. Fuel injection engine. 2,393,872; Jan. 29.

Sanders, Arthur F., Leeds, England. Valve of internal-combustion engines. 2,396,347; Mar. 12.

Sanders, George P., Arlington, Va., dedicated to the free use of the People in the territory of the United States. Treating cheese. 2,401,320; June 4.

Sanders, Lloyd C., assignor to The Muter Company, Chicago, Ill. Adjustable friction and take-up device for screw stems in threaded bearings. 2,392,701; Jan. 8.

Sanders, Louis S., Shaker Heights, Ohio. Medium for use in preparing transparent prints. 2,392,414; Jan. 8.

Sanders, Royden C., Jr., Audubon, N. J., assignor to Radio Corporation of America. Frequency determining device. 2,403,557; July 9.

Sanders, Royden C., Jr., Hightstown, N. J., assignor to Radio Corporation of America. Frequency responsive circuit. 2,403,615; July 9.

Sanders, Royden C., Jr., Hightstown, N. J., assignor to Radio Corporation of America. Wave shaping circuit. 2,403,616; July 9.

Sanders, Royden C., Jr., Chestnut Hill, Mass., assignor to Radio Corporation of America. Indicator for frequency modulated radio locator systems. 2,411,595; Nov. 26.

Sanders, Royden C., Jr., and W. R. Mercer, Highstown, and D. Blitz, Princeton, N. J., assignors to Radio Corporation of America. Phase modulator. 2,409,449; Oct. 15.

Sanders, Royden C., Jr., and W. R. Mercer, Hightstown, N. J., assignors to Radio Corporation of America. Radio bomb release system. 2,412,632; Dec. 17.

Sanders, Sam: *See*—
Steinberger, Harry J., and Sanders.

Sanderson, Arthur E., San Pedro, Calif. Garment rack. 2,412,611; Dec. 3.

Sanderson, August A., assignor to Real Silk Hosiery Mills, Inc., Indianapolis, Ind. Stocking. 2,405,331; Aug. 6.

Sanderson, Leonard W., Toronto, Ontario, Canada. Motion display stand. 2,407,747; Sept. 17.

Sanderson, Robert T., Fishkill, assignor to The Texas Company, New York, N. Y. Synthesis of paraffinic hydrocarbons by reacting an alkyl aluminum halide with an aliphatic halide. 2,404,599; July 23.

Sanderson, Robert T., Beacon, assignor to The Texas Company, New York, N. Y. Manufacture of motor fuel. 2,404,661; July 23.

Sandison, Alexander G. S., Brantford, Ontario, Canada. Boat construction. 2,397,049; Mar. 19.

Sandler, Jacob, assignee: *See*—
Lee, Bernard F.

Sando, Joseph B. Kansas City, Mo., assignor to Western Laundry Machinery Company. Flatwork ironer. 2,395,764; Feb. 26.

Sandow, Abraham, Plainfield, and A. A. Wenzel, West Orange, N. J. Making packing rings. 2,404,864; July 30.

Sandoz Ltd., assignee: *See*—
Stoll, Arthur, Morf, and Peyer.
Von Allmen, Samuel, and Eggenberger.

Sandretto, Peter C., Chicago, and E. P. Buckthal, Brookfield, assignors to United Air Lines, Inc., Chicago, Ill. Radio direction finder. 2,406,406; Aug. 27.

Sandretto, Peter C., Chicago, and E. P. Buckthal, Brookfield, Ill., assignors to United Air Lines, Inc. Radio direction finder. 2,406,637; Aug. 27.

Sands, William F., West Collingswood, N. J., assignor to Radio Corporation of America. Permeability tuned short-wave spread-band receiver. 2,402,260; June 18.

Sands, William F., Haddonfield, N. J., assignor to Radio Corporation of America. Locked-in oscillator circuit. 2,411,003; Nov. 12.

Sands, William J., and A. Greer, Belfast, Northern Ireland. Hitch connecting trailed devices to tractive vehicles. 2,405,980; Aug. 20.

Sandusky, Julius, Toronto, Ontario, Canada. Electrolyte level control device for storage batteries. 2,408,178; Sept. 24.

Sanford, Hugh W., assignee: *See*—
Biddle, William P., Jr., and Sanford.

Sanford, Hugh W., Jr.: *See*—
Biddle, William P., Jr., and Sanford.

Sanford, Hugh W., Knoxville, Tenn., assignor to The Sanford Investment Company, Wilmington, Del. Door latch mechanism. 2,399,708; May 7.

Sanford, Hugh W. and A. F. Sanford, II, Knoxville, Tenn.; said A. F. Sanford, II, assignor to said H. W. Sanford. Automatically fed furnace. 2,393,710; Jan. 29.

Sanford, Hugh W., and W. P. Biddle, Jr., Knoxville, Tenn., said Biddle assignor to said Sanford. Magazine feed stove. 2,403,829; July 9.

Sanford Ink Company, assignee: *See*—
De Groft, Walter J.

Sanford Investment Company, The, assignee: *See*—
Sanford, Hugh W.

Sanford, Justin H.: *See*—
Lewis, Warren J., and Sanford.

Sanford, Selden B., Yonkers, N. Y., and W. G. Nutzel, Nutley, N. J., assignors to Otis Elevator Company, New York, N. Y. Insulating shield for electrolytic tanks. 2,411,638; Nov. 26.

Sanford, Stanley A., Cleveland, Ohio. Operating blast furnaces. 2,404,461; July 23.

Sangamo Electric Company, assignee: *See*—
McBride, Maurice O.

Sanial, Arthur J., Flushing, N. Y. Sound amplifying apparatus. 2,411,004; Nov. 12.

Sanitary Tampon Corporation, assignee: *See*—
Winter, Courtney P.
Winter, Courtney P., and Rosenthal.

Sankey, Joseph, & Sons Limited, assignee: *See*—
Butler, Harold G.

Sanmyer Corporation, assignee: *See*—
Senninger, Earl J.

Sanozone Corporation, assignee: *See*—
Schaefer, Richard J.

Santini, Danilo, Tenafly, and E. H. Heath, Jersey City, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control system. 2,403,125; July 2.

Santolla, Angelo M.: *See*—
Hall, John L., and Santolla.

Santon, Elliot A., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Shuttle check for floating binders. 2,399,762; May 7.

Santon, Elliot A., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Shuttle check for looms. 2,399,763; May 7.

Santon, Elliot A., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Geared thread holder for weft replenishing looms. 2,401,968; June 11.

Sanymetal Products Co., Inc., The, assignee: *See*—
Benham, Kent W.

Sanz, Manuel, Los Angeles, Calif., assignor, by mesne assignments, to Consolidated Vultee Aircraft Corporation. Self-healing container forming material. 2,411,116; Nov. 12.

Sapper, Charles H., Brooklyn, N. Y. Resetting gauge for internal screw thread cutter. 2,393,195; Jan. 15.

Sarafin, Boris, Gary, Ind., assignor to The Superheater Company, New York, N. Y. Spring retained closure plug. 2,398,043; Apr. 9.

Sarazin, Gilles F., assignee: *See*—
Birkigt, Louis.

Sarbach, Donald V., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Chlorine containing carbonic ester-synthetic rubber composition. 2,395,070; Feb. 19.

Sarbach, Donald V., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Adhering rubbery materials to each other and product thereof. 2,395,071; Feb. 19.

Sarbach, Donald V., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Vulcanization of synthetic rubber. 2,395,505; Feb. 26.

Sarbach, Donald V., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Synthetic rubber composition. 2,397,050; Mar. 19.

Sarco Company, Inc., assignee: *See*—
Hilmer, Milton, Signarovitz, and Adlam.

Sardeson, Robert: *See*—
Dye, Glen M., Sardeson, and Armstrong.

Sardeson, Robert, and E. H. Savela, assignors to Pako Corporation, Minneapolis, Minn. Film holding device. 2,410,151; Oct. 29.

Sardu, Anthony, Brooklyn, N. Y. Overcasting sewing machine. 2,409,592; Oct. 15.

Sargeant, Walter E., Ferndale, assignor to General Motors Corporation, Detroit, Mich. Ignition system. 2,392,066; Jan. 1.

Sargent & Company, assignee: *See*—
Brooks, Herbert W.
Voight, Henry G.

Sargent, Donald E., Easton, Pa., assignor to General Aniline & Film Corporation, New York, N. Y. Light-sensitive materials. 2,411,811; Nov. 26.

Sargent, Donald E., and R. W. Rollson, Jackson, Mich., assignors, by mesne assignments, to Hart-Carter Company, Peoria, Ill. Sheet metal sieve construction for harvesters. 2,413,382; Dec. 31.

Sargent, Edmund L.: *See*—
Payne, John W., Sargent, and Daley.

Sargent, Frederick L., Burlingame, and W. J. Crader, Mountain View, Calif. Tire rack. 2,404,534; July 23.

Sargent, Glenn J., Edgar Springs, Mo. Connection device. 2,397,694; Apr. 2.

Sargeson, John, Toronto, Ontario, Canada. Hydraulic artificial hand. 2,400,140; May 14.

Sarkisian, Arthur D., New York, N. Y. Line guide for fishing rods. 2,398,862; Apr. 23.

Sarris, G. C., assignee: *See*—
Pallich, Martin B.

Sartori, Paul, Plymouth, Wis. Curd mixing and kneading machine. 2,407,617; Sept. 10.

Sarver, Emmett P., assignor of one-half to O. W. Wortman, Wichita, Kans. Method and apparatus for detecting and measuring radiant energy such as light. 2,392,003; Jan. 1.

Saslaw, Otto, Kearny, N. J., assignor to Federal Telephone & Radio Corporation. Selenium tablet and making and applying it. 2,403,026; July 2.

Sass, Max, New York, N. Y. Ironing board. 2,404,194; July 16.

Sassmannhausen, Lee C., Grosse Pointe Woods, Mich., assignor to Chrysler Corporation, Highland Park, Mich. Fluid coupling. 2,409,593; Oct. 15.

Satchwell, Leonard, Slough, England. Boiler. Re. 22,793. Sept. 17.

Sateren, Martin G., Sharon, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control system. 2,401,024; May 28.

Sateren, Martin G., Sharon, and W. A. Derr, Wilkinsburg, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control system. 2,401,023; May 28.

Sato, Takeo, Honolulu, Hawaii. Cushion for billiard tables. 2,395,645; Feb. 26.

Sato, Takeo, Tsurumi-ku, Yokohama, Japan; vested in the Alien Property Custodian. Bender for rolled-up metal strip. 2,399,892; May 7.

Satterlee, Howard A., Sharon, assignor, by mesne assignments, to Submarine Signal Company, Boston, Mass. Apparatus for controlling rotation. 2,406,855; Sept. 3.

Satterlee, Howard A., Needham, assignor, by mesne assignments, to Submarine Signal Company, Boston, Mass. Apparatus for controlling rotation. 2,406,856; Sept. 3.

Satterlee, Percy: *See*—
McDonnell, Lester V., and Satterlee.

Satterlee, Howard A., Dayton, Ohio, assignor to Submarine Signal Company, Boston, Mass. Follow-up system. 2,399,695; May 7.

Satterlee, Percy, Detroit, Mich. Building construction. 2,402,211; June 18.

Sattler, Hugh J., Philadelphia, Pa. Container. 2,400,716; May 21.

Satz, Frank, and M. Berns; said Satz assignor of one-half of his right to S. Sontag, Los Angeles, Calif. Sanitary applicator. 2,404,815; July 30.

Sauder, Noah N., New Holland, Pa. Load handling attachment for tractors. 2,398,119; Apr. 9.

Sauer, Christian H., Chico, Calif. Coupling device. 2,404,925; July 30.

Sauer, Christian H., assignor to J. T. Aim, Chico, Calif. Brake system. 2,395,072; Feb. 19.

Sauer, Christian H., assignor to J. T. Alm, Chico, Calif. Brake. 2,406,440; Aug. 27.

Sauer, George: *See*—
Christensen, Norman V., and Sauer.

Sauer, George, Berwyn, assignor to Union Special Machine Company, Chicago, Ill. Sewing machine. 2,400,212; May 14.

Sauer, George, assignor to Union Special Machine Company, Chicago, Ill. Sewing machine. 2,404,318; July 16.

Sauer, George, Berwyn, A. M. Schweda, and C. C. Smith, assignors to Union Special Machine Company, Chicago, Ill. Sewing machine. 2,393,815; Jan. 29.

Sauer, Henry J., assignor to The Kilborn-Sauer Company, Fairfield, Conn. Dirigible searchlight. 2,410,365; Oct. 29.

Sauer, Henry J., assignor to The Kilborn-Sauer Company, Fairfield, Conn. Lamp. 2,410,366; Oct. 29.

Sauer, Robert O., Schenectady, N. Y., assignor to General Electric Company. Preparing organo-polysiloxanes. 2,398,672; Apr. 16.

Sauer, Urban, Pittsburgh, assignor of two-fifths to H. R. Levy, McKeesport, Pa. Muffler. 2,403,403; July 2.

Saulaitis, Albert J., Wayne, assignor to American Chemical Paint Company Ambler, Pa. Pickling inhibitor. 2,403,153; July 2.

Saul, August A., assignor to Miller Printing Machinery Co., Pittsburgh, Pa. Material handling and like apparatus. 2,400,890; May 28.

Saul, August A., assignor to Miller Printing Machinery Co., Pittsburgh, Pa. Sheet handling apparatus. 2,406,857; Sept. 3.

Saum, Arthur M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Stretching rolls. 2,413,073; Dec. 24.

Saunders, Alfred P.: *See*—
Holmes, Henry H., and Saunders.

Saunders, Donald J.: *See*—
Hicks, William B., and Sounders.

Saunders, Enos P., Berkeley, assignor to Triangle Engineering Company, Ferndale, Mich. Rotary sine index plate. 2,406,906; Sept. 3.

Saunders, Francis J., Skokie, and A. L. Raymond, Northfield, assignors to G. D. Searle & Co., Skokie, Ill. Pellet for administering gonadotropic pituitary hormones. 2,413,419; Dec. 31.

Saunders, Frank S., Cardiff, South Wales. Weighing machine. 2,392,702; Jan. 8.

Saunders, Harold F.: *See*—
McCord, Andrew T., and Saunders.

Saunders, Norman H., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Automatic telephone system. Re. 22,820; Dec. 17.

Saunders, Philip K., Mamaroneck, N. Y. Fluid controlling valve. 2,401,112; May 28.

Saunders, Philip K., Mamaroneck, assignor to Saunders Valve Company of America, Inc., New York, N. Y. Valve. 2,397,373; Mar. 26.

Saunders-Roe Limited, assignee: *See*—
Gouge, Arthur.

Saunders Valve Company Limited, assignee: *See*—
Sutton, Frank.

Saunders Valve Company of America, Inc., assignee: *See*—
Saunders, Philip K.

Sauer, Doran E., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Vulcanization of synthetic rubber. 2,395,506; Feb. 26.

Sauer, Doran E., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Vulcanization of synthetic rubber. 2,395,507; Feb. 26.

Sauzedde, Claude, assignor to Detroit Hydrostatic Brake Corporation, Detroit, Mich. Hydrostatic brake system. 2,396,536; Mar. 12.

Savage, Albert B., assignor to The Dow Chemical Company, Midland, Mich. Instantaneous recording composition. 2,407,179; Sept. 3.

Savage, Francis P., Calgary, Alberta, Canada. Meal perforator. 2,396,020; Mar. 5.

Savage, John O., Trenton, N. J. Tree protector. 2,405,452; Aug. 6.

Savage, John O., Trenton, N. J. Fruit picker's apparatus. 2,405,453; Aug. 6.

Savage, John O., Washington, D. C. Master carriage with airplanes for sustaining same. 2,413,074; Dec. 24.

Savage, Lawrence A., Pelzer, S. C., assignor to The Kendall Company, Boston, Mass. Manufacture of textiles. 2,410,394; Oct. 29.

Savage, Marion A., Scotia, and M. F. Kent, Schenectady, N. Y., assignors to General Electric Company. Dynamoelectric machine. 2,394,110; Feb. 5.

Savage, Robert H., Scotia, assignor to General Electric Company. Electrical contact element. 2,393,816; Jan. 29.

Savage, Robert H., Scotia, N. Y., assignor to General Electric Company. Electrical contact element. 2,404,662; July 23.

Savage, Robert H., Scotia, N. Y., assignor to General Electric Company. Contact element. 2,411,060; Nov. 12.

Savage, W. J., Company, Inc., assignee: *See*—
Fulton, Weston M.

Saval, Theodore, Sierra Madre, Calif. Shoe. 2,409,902; Oct. 22.

Savela, Edward H.: *See*—
Sardeson, Robert, and Savela.

Saville, William S., Fort Worth, Tex., assignor to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Control mechanism for hydraulically operated devices. 2,411,392; Nov. 19.

Savitz, Christian W.: *See*—
Sturgess, John, Cade, and Savitz.

Savoie, Mark E., Cleveland, Ohio. Eraser for mechanical pencils. Re. 22,717; Feb. 5.

Savoy, Michael: *See*—
Bond, Donald C., and Savoy.

Savrda, Charles M., Bay Shore, assignor to The Atlantic Coast Fisheries Company, New York, N. Y. Ribbing conveyer. 2,397,158; Mar. 26.

Savrda, Charles M., Bay Shore, assignor to The Atlantic Coast Fisheries Company, New York, N. Y. Method and apparatus for treating fish. 2,406,907; Sept. 3.

Savrda, Charles M., Bay Shore, assignor to The Atlantic Coast Fisheries Company, New York, N. Y. Apparatus for positioning fish. 2,413,383; Dec. 31.

Sawin, Kenneth A., Auburndale, assignor to Wheeler Reflector Company, Boston, Mass. Retaining guard for fluorescent lamps. 2,403,240; July 2.

Sawtelle, Charles A., Rosedale Gardens, Mich. Wear compensating brake mechanism. 2,411,639; Nov. 26.

Sawyer, Edward E., Waterville, assignor, by mesne assignments, to The Canal National Bank of Portland, Portland, Maine. Resin-fiber article and making the same. 2,409,645; Oct. 22.

Sawyer, Emerson D., Chicago, Ill. Yielding barrier. 2,397,330; Mar. 26.

Sawyer, Emmett B., Fort Belvoir, Va. Gate. 2,393,418; Jan. 22.

Sawyer, Frank M., Miami, Fla. Shutter operator. 2,397,754; Apr. 2.

Sawyer, Hilon W.: *See*—
Parsons, Edward T., and Sawyer.

Saxe, Walter E., Alhambra, assignor to The Conveyor Company, Los Angeles, Calif. Weatherproof roller construction. 2,395,147; Feb. 19.

Saxon, Warren T., Cedar Rapids, Iowa. Tractor. 2,411,061; Nov. 12.

Saxton, Clarence E., San Diego, Calif. Necktie knot form. 2,411,640; Nov. 26.

Saxton, Harold L.: *See*—
Hayes, Harvey C., and Saxton.

Say, Alan W.: *See*—
Pugh, Cyril A., and Say.

Sayer, George, Toronto, Ontario, Canada. Soot catcher for furnaces. 2,396,537; Mar. 12.

Saylor, Grant S., Ocean Park, Calif. Selector system for printing telegraph apparatus. 2,402,671; June 25.

Sayward, Dwight H., Cape Elizabeth, Maine. Double calipers. 2,410,686; Nov. 5.

Sayward, John M.: *See*—
Dixon, James K., and Sayward.

Sbarra, Joseph, Mariners Harbor, assignor of one-half to H. Posner, New York, N. Y. Shoe construction. 2,398,044; Apr. 9.

Sbrilli, Anthony, Atlanta, Ga. Air jet propelled helicopter. 2,396,130; Mar. 5.

Scaff, Jack H., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Preparation of silicon materials. 2,402,582; June 25.

Scalfe, Arthur J., Detroit, Mich. Stack releasing device for motor vehicles. 2,395,909; Mar. 5.

Scalera, Mario: *See*—
Lecher, Hans Z., Scalera, and Hardy.
Lecher, Hans Z., Scalera, and Lester.

Scarborough, William B., trustee, assignee: *See*—
Fairchild, Sherman M.
Gassner, Alfred A.

Scardino, Ned A.: *See*—
Williamson, Tom, and Scardino.

Scarff, Harold M., assignor to Muskegon Piston Ring Company, Muskegon, Mich. Piston ring slotting machine. 2,404,146; July 16.

Scarlett, Arthur A., Hamilton, Ontario, Canada, assignor, by mesne assignments, to International Harvester Company, Chicago, Ill. Plow. 22,787; Sept. 3.

Scarlett, George E.: *See*—
Miller, Logan C., and Scarlett.

Scarth, Virgil, Bartlesville, Okla., assignor to Phillips Petroleum Company. Extractive distillation with furfural. Re. 22,811; Nov. 12.

Scarth, Virgil, Bartlesville, Okla., assignor to Phillips Petroleum Company. Extractive distillation with furfural. 2,404,253; July 16.

Schaad, Raymond E., assignor to Universal Oil Products Company, Chicago, Ill. Alkylation of aromatic hydrocarbons. 2,412,229; Dec. 10.

Schaad, Raymond E., assignor to Universal Oil Products Company, Chicago, Ill. Alkylation of aromatic hydrocarbons. 2,412,230; Dec. 10.

Schaaf, Oliver H., Shaker Heights, assignor to Air-Maze Corporation, Cleveland, Ohio. Frame for filters. 2,393,419; Jan. 22.

Schaaf, Oliver H., Shaker Heights, assignor to Air-Maze Corporation, Cleveland, Ohio. Filter panel. 2,405,716; Aug. 13.

Schaaf, Oliver H., Chagrin Falls, assignor to Air-Maze Corporation, Cleveland, Ohio. Filter panel and sealing means. 2,394,208; Feb. 5.

Schaaf, Oliver H., Chagrin Falls, assignor to Air-Maze Corporation, Cleveland, Ohio. Zig-zag filter construction. 2,398,045; Apr. 9.

Schade, John, assignor to National Blank Book Company, Holyoke, Mass. Making ring binder structure. 2,399,062; Apr. 23.

Schade, Otto H., West Caldwell, N. J., assignor to Radio Corporation of America. Cathode ray beam deflecting circuits. 2,396,476; Mar. 12.

Schade, Otto H., West Caldwell, N. J., assignor to Radio Corporation of America. Television system. 2,402,091; June 11.

Schade, Otto H., West Caldwell, N. J., assignor to Radio Corporation of America. Television transmitting system. 2,404,098; July 16.

Schade, Otto H., West Caldwell, N. J., assignor to Radio Corporation of America. Amplifying system. 2,404,099; July 16.

Schade, Otto H., West Caldwell, N. J., assignor to Radio Corporation of America. Blocking impulse generator. 2,411,062; Nov. 12.

Schade, Otto H., West Caldwell, N. J., assignor to Radio Corporation of America. Electron discharge device. 2,412,291; Dec. 10.

Schade, Otto H., West Caldwell, N. J., assignor to Radio Corporation of America. Method and system for developing television signals. 2,413,075; Dec. 24.

Schade Valve Manufacturing Company, assignee: *See*—
Schiller, Joseph F.

Schade, Willy, assignor to Eastman Kodak Company, Rochester, N. Y. Large aperture objective. 2,397,565; Apr. 2.

Schadel, Charles H., Houston, assignor of one-half to Eastman Oil Well Survey Company, Dallas, Tex., and one-half to Eastman Oil Well Survey Corporation, Long Beach, Calif. Orienting apparatus. 2,405,717; Aug. 13.

Schaefer, Frederic, Pittsburgh, Pa. Brake lever for railway car brake rigging. 2,392,771; Jan. 8.

Schaefer, Harold W., assignor to The Harry Alter Company, Chicago, Ill. Indicating apparatus and method. 2,398,046; Apr. 9.

Schaefer, Langdon C.: *See*—
Spear, Wendell C., and Schaefer.

Schaefer, Richard J., assignor to Sanozone Corporation, Detroit, Mich. Ozone generating cell. 2,403,241; July 2.

Schaeffer, Donald W., Dayton, Ohio. Torque shaft. 2,394,490; Feb. 5.

Schaelchlin, Walter, Forest Hills, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Mounting for electrical apparatus. 2,393,071; Jan. 15.

Schaelchlin, Walter, Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Mine sweeping control. 2,397,209; Mar. 26.

Schaelchlin, Walter, Pittsburgh, and E. H. Hornbarger, Edgewood, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control system. 2,394,111; Feb. 5.

Schaerer, Otto, Basel, Switzerland. Automatic milling machine for cutting teeth in rack blanks and transversely grooving the work. 2,405,856; Aug. 13.

Schafer, Conrad B.: *See*—
Watkins, George B., and Schafer.

Schafer, John V., Bronson, Mich. Fishing reel. 2,409,154; Oct. 8.

Schafer, Robert A., assignor to National Automatic Tool Company, Inc., Richmond, Ind. Machine tool. 2,405,718; Aug. 13.

Schafer, Robert A., and R. B. Rodal, assignors to National Automatic Tool Company, Inc., Richmond, Ind. Remote control apparatus for machine tools. 2,408,957; Oct. 8.

Schaffer, Hiram D.: *See*—
Haley, Hugh D., and Schaffer.

Schaffer, Josie, Mount Vernon, N. Y. Interchangeable surgical neck dressing. 2,402,780; June 25.

Schaffer, Leslie L., and J. Huberman, Vancouver, British Columbia, Canada. Lumber core panel. 2,396,438; Mar. 12.

Schaffer, Leslie L., Vancouver, British Columbia, Canada. Fluid press. 2,409,393; Oct. 15.

Schaffert, Roland M.: *See*—
Kreber, Frank W., Gonser, and Schaffert.

Schaffner, Robert M., Chicago, Ill., assignor to The Guardite Corporation. Vacuum dehydration of beets. 2,402,672; June 25.

Schaffner, Robert M., Chicago, Ill., assignor to The Guardite Corporation. Vacuum dehydration of peas. 2,402,673; June 25.

Schaffner, Robert M., Chicago, Ill., assignor to The Guardite Corporation. Vacuum dehydration of pork. 2,402,674; June 25.

Schaffner, Robert M., Chicago, Ill., assignor to The Guardite Corporation. Dehydration of soybeans. 2,402,675; June 25.

Schaffner, Robert M., Chicago, Ill., assignor to The Guardite Corporation. Drying navy beans. 2,402,676; June 25.

Schaffner, Robert M., Chicago, Ill., assignor to The Guardite Corporation. Vacuum dehydration of green beans. 2,402,677; June 25.

Schaffner, Robert M., Chicago, Ill., assignor to The Guardite Corporation. Vacuum dehydration of corn. 2,402,678; June 25.

Schaffner, Robert M., Chicago, Ill., assignor to The Guardite Corporation. Vacuum dehydration of carrots. 2,402,679; June 25.

Schaich, Wilbur A., Springfield, Mass. Gas system for firearms. 2,409,225; Oct. 15.

Schaller, Eugene, Yorktown, Tex. Writing pad. 2,403,197; July 2.

Schandler, Charles: *See*—
McCarthy, Frederick I.

Schane, George W.: *See*—
Montgomery, Robert, and Schane.

Schantz, Jacob M., assignor to Hercules Powder Company, Wilmington, Del. Lubricating grease. 2,399,063; Apr. 23.

Schantz, John J., assignor to Ex-Cell-O Corporation, Detroit, Mich. Dressing device for grinding wheels. 2,398,451; Apr. 16.

Schantz, Joseph D., Fort Wayne, Ind., assignor to Farnsworth Television and Radio Corporation. Television signal amplifier. 2,396,023; Mar. 5.

Schantz, Joseph D., Fort Wayne, Ind., assignor to Farnsworth Television and Radio Corporation. Color television film scanning system. 2,412,098; Dec. 3.

Schaper, Leonard W., Livingston, assignor to Monroe Calculating Machine Company, Orange, N. J. Lock nut. 2,394,491; Feb. 5.

Scharenberg, Elmer M., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Building form. 2,394,492; Feb. 5.

Scharf, Frank W., San Gabriel, Calif., assignor to McGraw Electric Company, Elgin, Ill. Electric iron. 2,408,886; Oct. 8.

Scharmann, Walter G., Westfield, N. J., assignor to Standard Oil Development Company. Treatment of catalyst. 2,400,025; May 7.

Scharwath, Clemens G., Long Branch, N. J. Self-insulated conduit. 2,410,308; Oct. 29.

Schaub, Fred H., Engineering Co., assignee: *See*—
Binford, Benjamin L.

Schauble, Henry C.: *See*—
Schauble, Richard I. and H. C.

Schauble, Richard I. and H. C., Kansas City, Mo. Razor blade sharpener. 2,398,255; Apr. 9.

Schauer, Lawrence B.: *See*—
Davidson, Trevor O., and Schauer.

Schauer, Lawrence L., Wyoming, and J. H. McKewen, assignors to The Cincinnati Bickford Tool Company, Cincinnati, Ohio. Tripping mechanism. 2,401,276; May 28.

Schauer, Ozni E., Cincinnati, and P. H. Long, Middletown, assignors to The Cincinnati Bickford Tool Company, Cincinnati, Ohio. Apparatus for sampling workpieces. 2,400,603; May 21.

Schaufus, Henry S., Baltimore, Md., assignor, by mesne assignments, to The American Rolling Mill Company, Middletown, Ohio. Alloy steel articles. 2,400,842; May 21.

Schauweker, George H., assignor to American Optical Company, Southbridge, Mass. Eye protection device. 2,407,518; Sept. 10.

Schauweker, George H., assignor to American Optical Company, Southbridge, Mass. Eye protection device. 2,410,184; Oct. 29.

Scheel, Carl H., assignee: *See*—
Ware, Hiram C.

Scheeline, Harold W., Elizabeth, N. J., assignor to Standard Oil Development Company. Recovery of secondary olefins from acid extracts. 2,407,386; Sept. 10.

Scheeline, Harold W., Elizabeth, N. J., assignor to Standard Oil Development Company. Butadiene manufacture. 2,412,911; Dec. 17.

Scheer, George B.: *See*—
Rhondes, Donald A., and Scheer.

Scheffler, Raymond J., assignee: *See*—
Sprague, Earl E.

Scheibli, James R.: *See*—
Bergsteinsson, Ingolfur, Scheibli, and Dickey.

Scheidemantel, Herman B.: *See*—
Luth, Harold J., Scheidemantel, and Krupnick.

Schelkunoff, Sergei A., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Ultra-high frequency resonant cavities. 2,405,612; Aug. 13.

Schellenberg, Albert, Joliet, Ill. Rinse wringer. 2,403,126; July 2.

Schellenberg, Albert, Joliet, Ill. Rinse wringer. 2,406,108; Aug. 20.

Schellenberg, Albert, Joliet, Ill. Rinse wringer. 2,406,109; Aug. 20.

Schelleng, John C., Interlaken, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Variable cavity resonator. 2,410,109; Oct. 29.

Schelleng, John C., Interlaken, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Pulse generator. 2,411,898; Dec. 3.

Schellens, Eugene L., Essex, and N. E. Gibbs, Old Lyme, assignors to The R. W. Cramer Company, Incorporated, Centerbrook, Conn. Radio transmission apparatus. 2,408,155; Oct. 8.

Scheller, Rudolf J., Hickory, N. C. Carrier for full-fashioned knitting machines. 2,407,103; Sept. 3.

Schellschmidt, Alvin E.: *See*—
Briskin, Theodore S., Zivny, Schellschmidt, and Golick.

Scheminger, John, Jr., Providence, R. I. Board for use in slicing thin slices. 2,398,192; Apr. 9.

Schenk, Edouard: *See*—
Jager, Howard M., and Schenk.

Schenkelberg, William F., Carroll, Iowa. Harrow attachment for tractors. 2,413,657; Dec. 31.

Schepmoes, Lindsley, New Haven, Conn., assignor to The Safety Car Heating and Lighting Company, Inc. Window construction. 2,395,073; Feb. 19.

Scherb, Walter B., Silver Lake, Staten Island, assignor to Western Electric Company, Incorporated, New York, N. Y. Locking device. 2,398,466; Apr. 16.

Scherbatskoy, Serge A., Tulsa, Okla., assignor to Seismic Engineering Company, Dallas, Tex. Seismometer. 2,411,117; Nov. 12.

Scherer, John O., assignor to Gelatin Products Corporation, Detroit, Mich. Capsule. 2,397,051; Mar. 19.

Schering Corporation, assignee: *See*—
Dohrn, Max, and Diedrich.
Inhoffen, Hans H.
Oberdörffer, Manfred, Bütenaudt, Schmidt-Thomé, and Maier-Hüser.
Schoeller, Walter, Inhoffen, Steinruck, and Höss.
Serini, Arthur, and Steinruck.

Scherl, Egon B., New York, N. Y., assignor to The Linde Air Products Company. Electric welding. 2,405,673; Aug. 13.

Schermuly, Alfred J.: *See*—
Schermuly, Conrad D., A. J., and C.

Schermuly, Charles: *See*—
Schermuly, Conrad D., A. J., and C.

Schermuly, Conrad D., A. J., and C., Parkgate, Newdigate, England. Storing lines. 2,402,093; June 11.

Schermuly, Conrad D., A. J., and C., assignors to The Schermuly Pistol Rocket Apparatus Limited, Parkgate, Newdigate, England. Mounting for guns or dischargers. 2,405,099; July 30.

Schermuly, Conrad D., A. J., and C., Parkgate, Newdigate, assignors to The Schermuly Pistol Rocket Apparatus Limited, Parkgate, Newdigate, Surrey, England. Rocket. 2,409,904; Oct. 22.

Schermuly, Conrad D., A. J., and C., assignors to The Schermuly Pistol Rocket Apparatus Limited, Parkgate, Newdigate, England. Illuminating flare. 2,409,905; Oct. 22.

Schermuly Pistol Rocket Apparatus Limited, assignee: *See*—
Schermuly, Conrad D., A. J., and C.

Scherrer, Harry A., San Diego, Calif. Lawn sprinkler. 2,403,953; July 16.

Scheuer, Ermen C., Rockford, Ill. Infinitely rotatably adjustable connection. 2,400,656; May 21.

Schetty, Guido: *See*—
Conzetti, Achille, and Schetty.

Schetty, Guido, assignor to J. R. Geigy A. G., Basel, Switzerland. Water-soluble disazo dyestuffs and their manufacture. 2,399,064; Apr. 23.

Scheu, Albert J., assignee, et al.: *See*—
Walsh, John J.

Scheu, Donald R.: *See*—
Slingluff, Eugene L., and Scheu.

Scheuplein, Ernest G., Princeton, N. J. Cooking vessel 2,393,420; Jan. 22.

Schiehrel, John N., San Gabriel, Calif. Fire hose rack. 2,397,293; Mar. 26.

Schick, Eugene G., Dallas, Tex., assignor to Schick-Siegal Industries, Los Angeles, Calif. Oil well choke. 2,401,665; June 4.

Schick Incorporated, assignee: *See*—
Hutt, Albert E.

Schick, John R., Santa Ana, Calif., assignor to Radio Corporation of America. Radiation sensitive relay system. 2,413,076; Dec. 24.

Schick-Siegal Industries, assignee: *See*—
Schick, Eugene G.

Schideler, Pierre, New York, and R. S. Richardson, Scarsdale, assignors to Chemical Construction Corporation, New York, N. Y. Apparatus for the manufacture of formaldehyde. 2,406,908; Sept. 3.

Schiebendrein, Mathew, St. Charles, Mo. Seed aspirator feeder and classifier. 2,411,812; Nov. 26.

Schieffelin & Co., assignee: *See*—
Tallman, Ralph C., and Stuart.

Schield, Vern L., Waverly, Iowa. Shovel. 2,402,299; June 18.

Schield, Vern L., Waverly, Iowa. Earth moving device. 2,405,981; Aug. 20.

Schier, Joseph, Binghamton, N. Y. Self-cleaning comb and case therefor. 2,405,372; Aug. 6.

Schiessler, Fred J., Pearisburg, Va., assignor to Celanese Corporation of America. Fiber treatment. 2,406,407; Aug. 27.

Schietinger, James R., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Soldering apparatus. 2,397,052; Mar. 19.

Schilb, Evelyn R.: *See*—
Langseth, August M., and Schilb.

Schildknecht, Calvin E., Easton, Pa., assignor to General Aniline & Film Corporation, New York, N. Y. Stabilization of vinyl ether polymers. 2,395,684; Feb. 26.

Schilha, Vincenc: *See*—
Rogers, Donald H., and Schilha.

Schiller, Harold, Los Angeles, and A. Shapiro, Monrovia, Calif., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Purifying oil field waters. 2,407,180; Sept. 3.

Schiller, Joseph P., Drexel Hill, assignor to Schade Valve Manufacturing Company, Philadelphia, Pa. Valve. 2,408,000; Sept. 24.

Schilling, J. L., Co., assignee: *See*—
Banks, Joseph L. R.

Schilling, Joseph L., assignee, et al.: *See*—
Banks, Joseph L. R.

Schilling, Karl F., Lakeland, Fla., assignor to Minerals Separation North American Corporation, New York, N. Y. Concentration of ores. 2,400,213; May 14.

Schilling, Robert, assignor to General Motors Corporation, Detroit, Mich. Fluid sealing device. 2,399,764; May 7.

Schillinger, Byron J., Beloit, Wis. Tree pruning saw. 2,399,393; Apr. 30.

Schindler, Carl: *See*—
Kyle, William D., Jr., and Schindler.

Schindler, Hans, Evanston, assignor to The Pure Oil Company, Chicago, Ill. Rust inhibitor for turbine oil. 2,395,120; Apr. 9.

Schindler, Hans, Evanston, assignor to The Pure Oil Company, Chicago, Ill. Removal of sulphur compounds from hydrocarbon polymers. 2,405,903; Aug. 13.

Schindler, Hans, Evanston, and L. M. Henderson, Winnetka, assignors to The Pure Oil Company, Chicago, Ill. Turbine oil. 2,405,906; Aug. 13.

Schinke, Kurtiss P., assignee: *See*—
Sommervell, Somervell B.

Schinske, William G., assignor, by mesne assignments, to Ideal Industries, Inc., Sycamore, Ill. Auto charger. 2,410,527; Nov. 5.

Schirm, Erik: *See*—
Hentrich, Winfrid, and Schirm.
Hentrich, Winfrid, Engelbrecht, and Schirm.

Schissel, Louis, Flushing, N. Y. Clothes drier. 2,406,638; Aug. 27.

Schjolin, Hans O., Birmingham, assignor to General Motors Corporation, Detroit, Mich. Two stage propeller shaft. 2,394,405; Feb. 5.

Schjolin, Hans O., Birmingham, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Turbodrive and control. 2,399,709; May 7.

Schjolin, Hans O., Pontiac, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Turbodrive and controls. 2,403,954; July 16.

Schjonberg, Carl S.: *See*—
Larsen, Merwin J., Houghton, and Schjonberg.

Schlage, Walter R., Burlingame, Calif. Face plate. 2,410,462; Nov. 5.

Schlanger, Benjamin, New York, N. Y. Changeable letter sign. 2,395,197; Feb. 19.

Schlank, Joel, Jersey City, N. J. Garment hanger. 2,401,969; June 11.

Schleicher, Harold E., West Hartford, assignor to The Arrow-Hart & Hegeman Electric Company, Hartford, Conn. Electromagnetic switch coil mounting. 2,399,065; Apr. 23.

Schleicher, Harold E., West Hartford, assignor to The Arrow-Hart & Hegeman Electric Company, Hartford, Conn. Electromagnetic switch. 2,399,575; Apr. 30.

Schleicher, Harold E., West Hartford, assignor to The Arrow-Hart & Hegeman Electric Company, Hartford, Conn. Spring mounting and assembly for snap-action electric switches. 2,406,274; Sept. 24.

Schlenk, Edwin J., Milltown, N. J., assignor to Hercules Rubber Company, Wilmington, Del. Chlorinated rubber and producing. 2,401,194; May 28.

Schlenker, Max E.: *See*—
Beiser, Elmer H., Berninger, and Schlenker.

Schlesinger, Edgar E., assignor to Standard Railway Equipment Manufacturing Company, Chicago, Ill. Car coupler mechanism. 2,399,263; Apr. 30.

Schlesinger, Jacob, assignor to Man-Sew Pinking Attachment Corp., New York, N. Y. Garment trimming apparatus. 2,397,983; Apr. 9.

Schlesinger, Kurt, West Lafayette, Ind., assignor to Radio Corporation of America. Electron tube circuits. 2,396,439; Mar. 12.

Schlesinger, Kurt, West Lafayette, Ind., assignor to Radio Corporation of America. Electron tube circuit. 2,403,955; July 16.

Schlesinger, Kurt, West Lafayette, Ind., assignor to Radio Corporation of America. Storage amplifier circuit. 2,403,956; July 16.

Schlesinger, Sol O., New York, N. Y. Uniform cap frame. 2,393,270; Jan. 22.

Schlesman, Carleton H.: *See*—
Denton, William I., and Schlesman.

Schleter, George C.: *See*—
Schrenk, Matthew H., and Schleter.

Schlicksupp, Theodor F., Long Island City, N. Y. Differential gearing. 2,397,374; Mar. 26.

Schlicksupp, Theodore F., Long Island City, N. Y. Feeding mechanism for quilting machines and the like. 2,410,240; Oct. 29.

Schlieben, Ernest W.: *See*—
Read, Robert C., and Schlieben.

Schlieben, Ernest W., Scarsdale, assignor to York Research Corporation, New York, N. Y. Cargo aircraft. 2,404,195; July 16.

Schlieder, Harold A., assignor to Northern Equipment Company, Erie, Pa. Feed water regulating apparatus for boilers. 2,401,512; June 4.

Schliwa, Adolph M., Milwaukee, and F. E. Anderson, Wauwatosa, Wis. Golf bag carrier. 2,405,674; Aug. 13.

Schloss, Irvin E., Towson, assignor of one-half to A. Sohn, Baltimore, Md. Golf club head protector. 2,396,021; Mar. 5.

Schlosser, Paul H., and K. R. Gray, assignors to Rayonier Incorporated, Shelton, Wash. Mixed thio ethers. 2,392,103; Jan. 1.

Schlosser, Paul H., and K. R. Gray, assignors to Rayonier Incorporated, Shelton, Wash. Production of cellulosic products. 2,393,817; Jan. 29.

Schlosser, Paul H., J. W. Bennett, and K. R. Gray, assignors to Rayonier Incorporated, Shelton, Wash. Cuprammonium process. 2,395,015; Feb. 19.

Schlueter, Ernest, Hollis, assignor to C. A. Simmons, New York, N. Y. Nut lock. 2,395,234; Feb. 19.

Schlumberger Well Surveying Corporation, assignee: *See*—
Aiken, Charles B.
Doll, Henri-Georges.
Steward, Wendell B.
Walstrom, John E.

Schlumbohm, Peter, New York, N. Y. Priessnitz compress. 2,393,446; Jan. 22.

Schlumbohm, Peter, New York, N. Y. Compressor. 2,404,890; July 30.

Schlumbohm, Peter, New York, N. Y. Device for vacuum filtration. 2,409,226; Oct. 15.

Schlumbohm, Peter, New York, N. Y. Decanter flask. 2,411,840; Nov. 19.

Schlumbohm, Peter, assignor to Propane Development Corporation, New York, N. Y. Refrigerating and heating installation. 2,396,887; Mar. 19.

Schlums, Otto W., assignor to Whitin Machine Works, Whitinsville, Mass. Bobbin marking mechanism. 2,404,462; July 23.

Schmacht, Elmer, Rock Island, Ill. Earth excavator. 2,404,926; July 30.

Schmeiser, Theodore G., Fresno, Calif. Bearing mounting for earthworking roller units. 2,404,535; July 23.

Schmerling, Louis: *See*—
Ipatieff, Vladimir N., and Schmerling.

Schmerling, Louis, assignor to Universal Oil Products Company, Chicago, Ill. Alkylation of aromatic compounds. 2,393,818; Jan. 29.

Schmerling, Louis, Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Production of halogenated hydrocarbons. 2,399,512; Apr. 30.

Schmerling, Louis, assignor to Universal Oil Products Company, Chicago, Ill. Production of ethylbenzene. 2,409,802; Oct. 22

Schmerling, Louis, Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Alkylation of naphthenes. 2,404,100; July 16.

Schmerling, Louis, Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Manufacture of hydrocarbons. 2,406,110; Aug. 20.

Schmerling, Louis, Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Production of branched chain paraffinic hydrocarbons. 2,413,384; Dec. 31.

Schmerling, Louis, Riverside, Ill., and A. M. Duzinski, Monroe, La., assignors to Universal Oil Products Company, Chicago, Ill. Treatment of aromatic hydrocarbons. 2,402,092; June 11.

Schmerling, Louis, and V. N. Ipatieff, assignors to Universal Oil Products Company, Chicago, Ill. Alkylation of aromatics with a ferrous chloride catalyst. 2,402,847; June 25.

Schmerling, Louis, and V. N. Ipatieff, assignors to Universal Oil Products Company, Chicago, Ill. Alkylation of hydrocarbons. 2,404,536; July 23.

Schmerling, Louis, and V. N. Ipatieff, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,404,537; July 23.

Schmerling, Louis, and V. N. Ipatieff, Riverside, assignors to Universal Oil Products Company, Chicago, Ill. Manufacture of arylalkene hydrocarbons. 2,404,538; July 23.

Schmerling, Louis, and V. N. Ipatieff, Riverside, assignors to Universal Oil Products Company, Chicago, Ill. Manufacture of isoparaffins. 2,404,927; July 30.

Schmerling, Louis, and V. N. Ipatieff, Riverside, assignors to Universal Oil Products Company, Chicago, Ill. Catalytic reactions. 2,406,639; Aug. 27.

Schmerling, Louis, Riverside, and V. N. Ipatieff, assignors to Universal Oil Products Company, Chicago, Ill. Manufacture of alkylated aromatic compounds. 2,410,553; Nov. 5.

Schmerling, Louis, and V. M. Ipatieff, Riverside, assignors to Universal Oil Products Company, Chicago, Ill. Preparation of aldehydes and acetals. 2,412,012; Dec. 3.

Schmid, Emil, Washington, D. C. Combined stretcher or litter and bed. 2,396,931; Mar. 19.

Schmid, Herman, and A. P. Hobush, Mount Marion, N. Y. Impulse coupling for ignition magnetos. 2,394,938; Feb. 12.

Schmid, Herman, and A. P. Hobush, Mount Marion, N. Y. Arrester member for impulse couplings. 2,394,939; Feb. 12.

Schmid, Leopold J., assignor to A. H. Thomas Company, Philadelphia, Pa. Connector for chemical and laboratory tubing. 2,397,438; Mar. 26.

Schmid, Max, Riehen, and E. Moser, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Heterocyclic stilbene azodyestuffs. 2,399,066; Apr. 23.

Schmid, Otto: *See*—
Conzetti, Achille, and Schmid.

Schmid, Paul, Jamaica, and H. Hylton, assignors to Acme Air Appliance Co., Inc., Brooklyn, N. Y. Vulcanizer. 2,404,989; July 30.

Schmidhuber, Ludwig, and W. G. Nelson, Jr., Buffalo, and G. W. Hill, Kenmore, N. Y. Key holder. 2,395,235; Feb. 19.

Schmidt, Benjamin F., Los Angeles, Calif. Inspection light. 2,396,440; Mar. 12.

Schmidt, Benjamin F., Los Angeles, Calif., assignor to Adel Precision Products Corp. Adjustable conduit support for bulkheads. 2,404,539; July 23.

Schmidt, Bernard L., New York, N. Y. Composition for making molds. 2,398,047; Apr. 9.

Schmidt, Edgar H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Thread breaker. 2,392,268; Jan. 1.

Schmidt, Edward, Chicago, Ill., assignor to S. Karpen & Bros., Chicago, Ill. Seat. 2,396,022; Mar. 5.

Schmidt, Edward, Andover, assignor to Lombard Governor Corporation, Asland, Mass. Rotary pump. 2,407,748; Sept. 17.

Schmidt, Edward F., Spokane, Wash. Harvester. 2,401,513; June 4.

Schmidt, Edwin X., Nashota, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Method of and apparatus for measuring and recording gas interchangeability. 2,399,830; May 7.

Schmidt, Ernst, Akron, Ohio, assignor to The Firestone Tire & Rubber Company. Latex activator. 2,404,585; July 23.

Schmidt, Eugene, Oak Park, Ill., assignor to Charles O. Moore. Clamping device. 2,393,659; Jan. 29.

Schmidt, Frank, Iola, Wis. Soldering iron. 2,393,480; Jan. 22.

Schmidt, George, Los Angeles, Calif. Wrist watch bracelet. 2,398,723; Apr. 16.

Schmidt, Germán, and C. Edwards, assignors to Compañía Industrial, Valparaiso, Chile. Manufacture of soap from sperm oil. 2,393,421; Jan. 22.

Schmidt, Henry F., Lansdowne, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Fluid treatment and apparatus therefor. 2,398,048; Apr. 9.

Schmidt, Henry F., Lansdowne, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Blower apparatus. 2,403,878; July 9.

Schmidt, John G., assignor to A. V. Whittington, Detroit, Mich. Collet chuck. 2,399,831; May 7.

Schmidt, Laura O., assignee, et al.: *See*—
Schmidt, Reinhold C., Sr.

Schmidt, Lionel A., Fairview Village, assignor to The National Tool Company, Cleveland, Ohio. Machine and method for grinding hobs and the like. 2,395,910; Mar. 5.

Schmidt, Lloyd K., assignee, et al.: *See*—
Gordon, George C., and Blackwelder.

Schmidt, Marvin T., assignor to United States Gypsum Company, Chicago, Ill., a corporation of Illinois. Paint composition from aqueous and non-aqueous vehicle. 2,401,666; June 4.

Schmidt, Marvin T., assignor to United States Gypsum Company, Chicago, Ill. Aqueous emulsion paint. 2,404,463; July 23.

Schmidt, Otto, Ludwigshafen-on-the-Rhine, Germany, assignor, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Production of resin alcohols. 2,392,952; Jan. 15.

Schmidt, Reinhold C., Jr., assignee, et al.: *See*—
Schmidt, Reinhold C.

Schmidt, Reinhold C., Sr., Pittsburgh, assignor of one-third to R. C. Schmidt, Jr., McKeesport, and one-third to L. O. Schmidt, Pittsburgh, Pa. Wax applicator. 2,396,973; Mar. 19.

Schmidt, Richard A., Vallejo, Calif. Mortise gauge and cutting tool. 2,399,145; Apr. 23.

Schmidt, Robert C., assignor to Raytheon Manufacturing Company, Newton, Mass. Electron discharge device of the magnetron type. 2,413,385; Dec. 31.

Schmidt, Rudolf, Passeck-on-the-Iser, Germany; vested in the Alien Property Custodian. Weaver's shuttle. 2,404,749; July 23.

Schmidt-Thomé, Joseph: *See*—
Oberdörffer, Manfred, Bütenandt, Schmidt-Thomé, and Maier-Hüser.

Schmidt, Walter, Frankfort-on-the-Main, Germany; vested in the Alien Property Custodian. Producing methacrylyl chloride. 2,396,609; Mar. 12.

Schmidt, Walter M., and D. K. Townsend, assignors to Western Precipitation Corporation, Los Angeles, Calif. Collecting electrode structure. 2,412,912; Dec. 17.

Schmidt, William A.: *See*—
Gladfelter, Willie I., and Schmidt.

Schmidt, William D., Worcester, Mass. Gage. 2,404,750; July 23.

Schmied, Joseph M., Chicago, Ill. Electrical indicator unit. 2,396,538; Mar. 12.

Schmied, William F.: *See*—
Messenger, Robert P., Johnson, and Schmied.

Schmied, William F., Blue Island, Ill., assignor to International Harvester Company. Manure spreader having adjustable feed mechanism. 2,407,104; Sept. 3.

Schmit, Louis D., Savanna, Ill. Valve construction. 2,409,517; Oct. 15.

Schmitkons, George E.: *See*—
Thiele, Ernest W., Schmitkons, and Hull.

Schmitt, Arthur C.: *See*—
Marisic, Milton M., and Schmitt.

Schmitt, Edwin H., Cincinnati, Ohio. Gauge. 2,404,751; July 23.

Schmitt, George P., assignor to Cardinal Products Inc., New York, N. Y. Smoking implement. 2,402,680; June 25.

Schmitt, Henry M., Glenside, assignor to The Brown Instrument Company, Philadelphia, Pa. Control apparatus. 2,404,891; July 30.

Schmitt, Herman, Sheboygan, Wis. Elevating and steering mechanism for aircraft. 2,405,907; Aug. 13.

Schmitt, Joy B., and A. J. Attinger, assignors to The De Vilbiss Company, Toledo, Ohio. Atomizer. 2,398,467; Apr. 16.

Schmitz, Henry A., Jr., Shorewood, assignor to A. O. Smith Corporation, Milwaukee, Wis. Storage tank. 2,395,685; Feb. 26.

Schmitz, Werner, Grenchen, Switzerland. Watchcase. 2,399,832; May 7.

Schmitz, William R., Jr., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Method and apparatus for production of alkali cellulose. 2,392,269; Jan. 1.

Schnebelen, Paul A., Toledo, Ohio. Armature winder. 2,409,394; Oct. 15.

Schneckloth, Harry H., Forest Hills, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Communication system. 2,413,001; Dec. 24.

Schneible, Claude B., Detroit, Mich. Entrainment separator. 2,403,830; July 9.

Schneible, Claude B., Detroit, Mich. Separating apparatus. 2,406,441; Aug. 27.

Schneider, Adolf G.: *See*—
Schneider, Heinrich and A. G.

Schneider, Alexander W.: *See*—
Hoehn, Williard M., and Schneider.

Schneider, Arthur J.: *See*—
Pridonoff, Eric L., and Schneider.

Schneider, Benjamin B., assignee: *See*—
Podbielniak, Walter J.

Schneider Brothers Company, assignee: *See*—
Schneider, Heinrich.
Schneider, Heinrich and A. G.

Schneider, David W., Chicago, Ill. Printing press. 2,397,053; Mar. 19.

Schneider, Elbert D., Scotia, N. Y., assignor to General Electric Company. Electric heating system. 2,398,673; Apr. 16.

Schneider, Emil C., Sound Bound Brook, N. J. Automatic stoker. 2,393,422; Jan. 22.

Schneider, Emmor V., assignor to Alliance Manufacturing Company, Alliance, Ohio. Dual speed phonograph. 2,392,193; Jan. 1.

Schneider, Frank H., assignor to Florence Stove Co., Gardner, Mass. Pot burner. 2,395,765; Feb. 26.

Schneider, Friedrich, Hagen, Germany; vested in the Alien Property Custodian. Electric storage battery. 2,394,333; Feb. 5.

Schneider, George, Montclair, N. J., and M. E. Martin, Cumberland, Md., assignor to Celanese Corporation of America. Lining materials. 2,398,049; Apr. 9.

Schneider, Heinrich, Hamilton, Ohio, assignor to Schneider Brothers Company. Two-cycle internal-combustion engine. 2,393,341; Jan. 22.

Schneider, Heinrich, Hamilton, Ohio, assignor to Schneider Brothers Company. Two-cycle internal-combustion engine. 2,393,342; Jan. 22.

Schneider, Heinrich, Hamilton, Ohio, assignor to Schneider Brothers Company, a co-partnership composed of H. and V. Schneider, Hamilton, Ohio, and A. G. and E. Schneider, Muncie, Ind. Clutch. 2,398,806; Apr. 23.

Schneider, Heinrich, Hamilton, Ohio, and A. G. Schneider, Muncie, Ind., assignors to Schneider Brothers Company. Rotary hydraulic torque converter. 2,410,185; Oct. 29.

Schneider, Helmuth G.: *See*—
Van Gilder, Carli F., and Schneider.

Schneider, Helmuth G., Roselle, and J. E. J. Kane, Elizabeth, N. J., assignors to Standard Oil Development Company. Chemical process. 2,406,041; Aug. 20.

Schneider, Henry J., Rochester, N. Y., and L. G. Simpson, deceased, Inglewood, Calif., by E. V. Simpson, administratrix. Rochester, N. Y. Fluid pressure actuating mechanism. 2,392,772; Jan. 8.

Schneider, John H.: *See*—
Jackson, Carey B., Schneider, and Yant.

Schneider, Kurt R., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Accounting machine. 2,394,637; Feb. 12.

Schneider, Rudolph G., assignor to American Furniture & Toy Company, Houston, Tex. Rocking toy. 2,409,803; Oct. 22.

Schneider, Walter E., assignor to Dexter Folder Company, Pearl River, N. Y. Sheet feeding apparatus. 2,402,453; June 18.

Schneider, Wendel M., Chicago, Ill. Photographic control means. 2,412,292; Dec. 10.

Schneider, William H., Milwaukee, Wis. Collet chuck. 2,397,159; Mar. 26.

Schnell, Steve, Kirkwood, assignor to Wagner Electric Corporation, St. Louis, Mo. Combined air hydraulic pressure actuating system. 2,405,759; Aug. 13.

Schnider, Otto, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Methylaminomethyl-(3-amino-4-hydroxyphenyl)-carbinol and salts thereof. 2,393,820; Jan. 29.

Schnider, Otto, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. d(+)-alpha, gamma-dihydroxy-beta, beta-dimethyl-butyric-acid-(hydroxy-alkyl)-amides and the manufacture of same. 2,413,077; Dec. 24.

Schnoebelen, Earl L., Rock Island, Ill. Dynamic and static balancing machine. 2,412,473; Dec. 10.

Schoch, Fred C., Oak Park, Ill. Door lock. 2,394,719; Feb. 12.

Schock, Gusmer & Co., Inc., assignee: *See*—
Schock, Robert C.

Schock, Robert C., New Rochelle, N. Y., assignor to Schock, Gusmer & Co., Inc., Hoboken, N. J. Mash and wort separator and separating wort from mash. 2,399,710; May 7.

Schock, Robert E., Riverhead, N. Y., assignor to Radio Corporation of America. Remote control of radio receivers. 2,404,101; July 16.

Schoeller, Walter, Berlin-Charlottenburg, H. H. Inhoffen, Berlin-Wilmersdorf, K. Steinruck, Berlin-Tegel, and O. Höss, Berlin N65, Germany, assignors to Schering Corporation, Bloomfield, N. J. Derivatives of the dialkyl ethane- and di-ethyl ethene series and making the same. 2,392,864; Jan. 15.

Schoen, André, Binghamton, N. Y., and L. L. Patterson, Arlington, Va., assignors to General Aniline & Film Corporation, New York, N. Y. Method and composition of producing fine lines photographically. 2,393,821; Jan. 29.

Schoenberger, Philip J., West St. Paul, Minn. Receptacle. 2,399,604; Apr. 30.

Schoenbrun, Maurice, assignee: *See*—
Stockman, Irving.

Schoenfeld, David M.: *See*—
Armacost, Wilbur H., and Schoenfeld.

Schoenfeld, David M., assignor to Combustion Engineering Company, Inc., New York, N. Y. Cooled boiler casing. 2,393,822; Jan. 29.

Schoenfeld, Frank K., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Rubber-like multipolymers of butadiene hydrocarbons, vinylidene chloride and acrylic compounds. 2,394,406; Feb. 5.

Schoenfeld, Frank K., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Heat polymerization of vinyl halides. 2,395,344; Feb. 19.

Schoenfeld, Joseph, Fairfax, Calif. Piston and guide structure for engines of the reciprocating piston type. 2,395,911; Mar. 5.

Schoenfeld, Kurt F. E., Stafford, Va., and E. W. Fowler, Amherst, N. Y. Engine. 2,404,752; July 23.

Schoenlaub, Robert A., Tiffin, Ohio, assignor to Owens-Corning Fiberglas Corporation. Colored glass fibers. 2,394,493; Feb. 5.

Schoenlaub, Robert A., Tiffin, assignor to Basic Refractories, Inc., Cleveland, Ohio. Plastic bonding basic refractories. 2,406,909; Sept. 3.

Schoenlaub, Robert A., Tiffin, assignor to Basic Refractories, Inc., Cleveland, Ohio. Treatment of refractory materials. 2,406,910; Sept. 3.

Schoenlaub, Robert A., Tiffin, assignor to Basic Refractories, Inc., Cleveland, Ohio. Refractory lining of metallurgical structures. 2,407,725; Sept. 17.

Schofield, Cecil: *See*—
Whitehouse, Irving, Schofield, and Cummings.

Schofield, Earl L., Auburn, Ind., assignor to Henney Motor Company, Freeport, Ill. Ambulance ventilation system. 2,398,894; Apr. 23.

Schofield, Philip F., Cleveland Heights, assignor, by mesne assignments, to Jack & Heintz Precision Industries, Inc., Cleveland, Ohio. Starter test stand. 2,405,060; July 30.

Scholes, Addison B., Danvers, and A. Bratt, assignors to Sylvania Electric Products Inc., Salem, Mass. Apparatus for fabricating lamp stems. 2,392,799; Jan. 8.

Scholes, Richard T., Hinsdale, Ill. Rail fastening means. Re. 22,776; Aug. 6.

Scholfield, Richard P., assignor to Scholfield Service, Inc., New York, N. Y. Filing apparatus. Re. 22,765; June 11.

Scholfield, Richard P., assignor to Scholfield Service, Inc., New York, N. Y. Filing apparatus. 2,413,078; Dec. 24.

Scholfield Service, Inc., assignee: *See*—
Scholfield, Richard P.

Scholl, Clark, assignor to The Steel Products Engineering Company, Springfield, Ohio. Combustion apparatus. 2,396,888; Mar. 19.

Scholl Mfg. Co., Inc., assignee: *See*—
Bergman, Raymond W.
Curtze, Max.

Scholl, William M., Chicago, Ill. Plastic arch support. 2,401,514; June 4.

Scholl, William M., Chicago, Ill. Arch support. 2,409,960; Oct. 22.

Scholler, Heinrich, Munich, Germany; vested in the Alien Property Custodian. Processing of wood sugar solution. 2,394,334; Feb. 5.

Scholz, Caesar R.: *See*—
Djerassi, Carl, Huttrer, and Scholz.

Scholz, Louis A., Dayton, Ohio. Automatic turret for aerial cameras. 2,410,842; Nov. 12.

Scholz, Rudolph, Dover, N. J. Bottle lugger. 2,399,893; May 7.

Schon, Pierre, assignor to Marmon-Herrington Company, Inc., Indianapolis, Ind. Dual motor control. 2,408,098; Sept. 24.

Schönander, Nils G., Stockholm, Sweden. X-ray screening apparatus. 2,407,938; Sept. 17.

Schonberg, Jackson R., Westfield, and H. J. Moyer, Summit, N. J., assignors to Standard Oil Development Company. Treating hydrocarbons. 2,392,773; Jan. 8.

Schonberg, Jackson R., Westfield, and D. L. Campbell, Roselle Park, N. J., assignors to Standard Oil Development Company. Regeneration of cracking catalysts. 2,412,696; Dec. 17.

Schonitzer, Rudolph L., Shaker Heights, Ohio. Combined door-hinging, door-checking, and door-holding device. 2,394,014; Feb. 5.

Schonitzer, Rudolph L., Shaker Heights, Ohio. Combined door-hinging, door-checking, and door-holding device. 2,405,719; Aug. 13.

Schonthal, Leopold, New York, assignor of one-third to E. Roth, Elmsford, and one-third to N. Jarvis, New York, N. Y. Safety pocket lock. 2,408,688; Oct. 1.

Schoof, Ralph T., Dodge City, Kans. Folding chair. 2,403,558; July 9.

Schooler, Charles W., Genesee, Idaho. Feeder reel for threshers. 2,393,823; Jan. 29.

Schorer, Otto J., Holyoke, Mass., assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Lubricating system for rock drills. 2,408,534; Oct. 1.

Schorn, Carl F., Detroit, Mich., assignor to G. M. and E. Holley. Fuel metering means. 2,397,984; Apr. 9.

Schorn, Carl F., Detroit, Mich., assignor to G. M. and E. Holley. Power control. 2,412,360; Dec. 10.

Schott, John F.: *See*—
Blair, George W., Schott, and Faulk.

Schott, Rudolph D., Los Gatos, Calif., assignor, by mesne assignments, to Fairbanks, Morse & Co. Impeller mounting. 2,407,348; Sept. 10.

Schotte, Herbert, Berlin-Charlottenburg, and R. Ebert, Berlin-Halensee, Germany, assignors to Sherka Chemical Co. Inc., Bloomfield, N. J. Insecticides. 2,392,067; Jan. 1.

Schottenberg, Harold W., Youngstown, and J. J. Volosin, Poland, Ohio. Arc welding rod holder. 2,394,877; Feb. 12.

Schotthoefer, Joseph G., Detroit, Mich. Ventilated water closet or toilet. 2,395,236; Feb. 19.

Schrader, Herbert, Wheeling, W. Va., assignor to Continental Can Company, Inc., New York, N. Y. Closing sheet metal containers. 2,406,911; Sept. 3.

Schrader, Herbert E., Elgin, Ill., assignor to Link-Belt Company. Elevator. 2,394,638; Feb. 12.

Schrader, Leo W.: *See*—
Bunn, Charles H., Jr., and Schrader.
Donahue, John E., and Schrader.

Schrader, Leo W., Elizabeth, N. J., assignor to Standard Oil Development Company. High-temperature valve. 2,412,913; Dec. 17.

Schrader, Raymond C., Peoria, assignor to V. Ray Van Wey, Pekin, Ill. Broken stud remover. 2,408,450; Oct. 1.

Schramm, Arthur G., Phoenix, Ariz. Riding dolly. 2,410,241; Oct. 29.

Schramm, Roy A., and E. S. Wisniewski, Bay City, Mich. Display form. 2,397,813; Apr. 2.

Schramm, William M., Pasadena, Md. Salvaging unit. 2,397,210; Mar. 26.

Schreck, Henry, Jackson Heights, assignor to American Locomotive Company, New York, N. Y. Internal-combustion engine. 2,395,766; Feb. 26.

Schreck, Henry, Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Hydraulic operation of mechanism. 2,396,392; Mar. 12.

Schreck, Henry, Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Gas engine. 2,397,511; Apr. 2.

Schreck, Henry, Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Control for fuel introduction to engine cylinders. 2,412,361; Dec. 10.

Schreck, Irvin F., Cleveland Heights, Ohio. Industrial truck. 2,395,345; Feb. 19.

Schreib, Joseph, Baltimore, Md. Self-lubricating and coloring projectile. 2,398,895; Apr. 23.

Schreiber, Carl W., assignor, by mesne assignments, to Owens-Illinois Glass Company, Toledo, Ohio. Apparatus for burning off glassware. 2,402,452; June 18.

Schreiber, John H., St. Louis, Mo. Container or conduit. 2,402,781; June 25.

Schreiber, Max, Philadelphia, Pa., and A. Stebbins, Delanco, assignors to Century Mills, Riverside, N. J. Thread cutter. 2,407,578; Sept. 10.

Schreiber, Walter T., Auburn, Ala., assignor to the United States of America, as represented by the Secretary of Agriculture. Combination sunlight or artificial heat dehydrator and hotbed. 2,399,696; May 7.

Schreiner, Louis W., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Vacuum tube system. 2,395,050; Apr. 9.

Schrenk, Matthew H., and G. C. Schleter, Washington, D. C. Voltage comparison apparatus. 2,395,912; Mar. 5.

Schreyer, Edward P., Milwaukee, Wis. Sewing and knitting cabinet. 2,398,256; Apr. 9.

Schriefer, Robert G., Fort Wayne, Ind. Lighthouse tube mounting. 2,397,985; Apr. 9.

Schriner, Carl A., assignor of one-half to L. A. Snyder, Defiance, Ohio. Screw driver. 2,408,887; Oct. 8.

Schroeder, Alfred C., Camden, N. J., assignor to Radio Corporation of America. Timing of electrical pulses. 2,402,916; June 25.

Schroeder, Alfred C., Feasterville, Pa., assignor to Radio Corporation of America. Communication system. 2,406,165; Aug. 20.

Schroeder, Charles S., Philadelphia, Pa., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Motorized lift truck. 2,399,605; Apr. 30.

Schroeder, Charles S., Philadelphia, Pa., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Motorized truck controller. 2,401,113; May 28.

Schroeder, Charles S., Philadelphia, Pa., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Chain hoist. 2,403,462; July 9.

Schroeder, Charles S., Philadelphia, Pa., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Truck. 2,411,556; Nov. 26.

Schroeder, Ernest R., Hawthorne, N. J., assignor to American Car and Foundry Company, New York, N. Y. Mine car latch operator and safety lock. 2,400,026; May 7.

Schroeder, Herman E.: *See*—
Rigby, George W., and Schroeder.

Schroeder, Herman O., and A. W. Lindquist, Orlando, Fla., assignors to United States of America, as represented by Claude R. Wickard, Secretary of Agriculture, and his successors in office. Microspray device. 2,409,987; Oct. 22.

Schroeder, John H., Portsmouth, Ohio. Women's sport shoe. 2,393,824; Jan. 29.

Schroeder, Robert J., New Bremen, Ohio. Auxiliary relief valve for pressure. 2,393,343; Jan. 22.

Schroeder, Robert J., New Bremen, Ohio. Cabin pressure regulator. 2,402,681; June 25.

Schroeder, Walter H., Portland, Oreg. Door latch for automobiles. 2,402,348; June 18.

Schroeder, William, assignor to Acme Steel Company, Chicago, Ill. Winding reel. 2,394,504; Feb. 5.

Schroeder, William, assignor to Acme Steel Company, Chicago, Ill. Winding reel. 2,394,505; Feb. 5.

Schroeppel, Harold H., Glen Rock, N. J., assignor to American Telephone and Telegraph Company. Automatic alternate routing of interoffice calls. 2,397,887; Apr. 2.

Schroeppel, Harold H., Glen Rock, N. J., assignor to American Telephone and Telegraph Company. Toll telephone diversion system. 2,405,332; Aug. 6.

Schroeppel, Paul R., Rockford, Ill., assignor to J. I. Case Company, Racine, Wis. Windrower. 2,410,904; Nov. 12.

Schrom, Oscar G.: *See*—
Barraja-Frauenfelder, Joseph, and Schrom.

Schubert, Minna R., assignor to Le Moude Corset Company, Saginaw, Mich. Girdle. 2,397,211; Mar. 26.

Schubert, William: *See*—
Truax, Robert C., Stiff, Schubert, Patton, and Youngquist.

Schueneman, Aloysius J., Waukegan, Ill. Holder for cords of electrical connectors. 2,406,567; Aug. 27.

Schuetz, Thomas J., assignee, et al.: *See*—
Schuetz, Thomas J., and Turnquist.

Schuetz, Thomas J., and E. W. Turnquist, assignors, by mesne assignments, to J. E. Mabee, T. J. Schuetz, and L. Stephenson, all of Tulsa, Okla. Friction brake. 2,408,179; Sept. 24.

Schuh, Arthur E., Delanco, and A. Boyles, Burlington, N. J., assignors to United States Pipe and Foundry Company. Centrifugal casting. 2,399,606; Apr. 30.

Schuh, Charles H., St. Petersburg, Fla., assignor to Carbide and Carbon Chemicals Corporation. Synthetic phenolic resins. 2,411,557; Nov. 26.

Schule, Frederick W., Jr.: *See*—
Rylsky, Gregory V., and Schule, Jr.

Schüle, Georges C., Buenos Aires, Argentina. Apparatus for inflating tires. 2,408,126; Sept. 24.

Schulein, Joseph, Corvallis, Oreg. Electrochemical process of treating chromite ore. 2,410,242; Oct. 29.

Schuler, Reginald G., Highland Park, assignor to Teletype Corporation, Chicago, Ill. Projector for page printers. 2,403,307; July 2.

Schuler, Reginald G., Highland Park, assignor to Teletype Corporation, Chicago, Ill. Projector for page printers. 2,405,168; Aug. 6.

Schulte, Frank W.: *See*—
Stahl, Elmer R., Schulte, and Elvin.

Schultz, Arthur B., assignor to All American Aviation, Inc., Wilmington, Del. Glider launching system. 2,402,918; June 25.

Schultz, Arthur B., Wilmington, Del., and W. B. Burkhart, Martinsburg, W. Va., assignors to All American Aviation, Inc., Wilmington, Del. Hook and hook retainer assembly. 2,402,919; June 25.

Schultz, Frank: *See*—
Antrim, Louis C., and Schultz.

Schultz, Gerard E.: *See*—
Trotter, John C., Holland, and Schultz.

Schultz, Gerard E., assignor to Bell Aircraft Corporation, Buffalo, N. Y. Ordnance. 2,395,585; Feb. 26.

Schultz, Harold B., assignor to Bendix Aviation Corporation, South Bend, Ind. Regulator or unloading valve for fluid pressure systems. 2,393,571; Jan. 22.

Schultz, Harold B., assignor to Bendix Aviation Corporation, South Bend, Ind. Regulating valve. 2,404,102; July 16.

Schultz, Harold B., assignor to Bendix Aviation Corporation, South Bend, Ind. Pressure actuated valve. 2,410,751; Nov. 5.

Schultz, Howard C., St. Albans, N. Y. Shadow motion toy. 2,400,605; May 21.

Schultz, Jens R., Honolulu, Hawaii. Smoker's article. 2,397,294; Mar. 26.

Schultz, Theodore R., Oakland, Calif. Hose mending tool. 2,395,646; Feb. 26.

Schultz, William O.: *See*—
Steinmayer, Alwin G., and Schultz.

Schultz, William O., South Milwaukee, assignor to Line Material Company, Milwaukee, Wis. Brake and lock mechanism. 2,410,243; Oct. 29.

Schultz, William O., South Milwaukee, assignor to Line Material Company, Milwaukee, Wis. Fuse. 2,410,244; Oct. 29.

Schultz, William O., South Milwaukee, and A. G. Steinmayer, assignors to Line Material Company, Milwaukee, Wis. Cutout construction. Re. 22,747; Apr. 23.

Schultz, William O., South Milwaukee, and A. G. Steinmayer, Shorewood, assignors to Line Material Company, Milwaukee, Wis. Fuse device. Re. 22,805; Oct. 15.

Schultz, William O., South Milwaukee, and A. G. Steinmayer, Milwaukee, assignors to Line Material Company, South Milwaukee, Wis. Fuse device. 2,398,469; Apr. 16.

Schultz, William O., South Milwaukee, and A. G. Steinmayer, assignors to Line Material Company, Milwaukee, Wis. Switch construction. 2,401,970; June 11.

Schultze, Fred, Rockaway, N. J. Cluster bomb rack. 2,395,913; Mar. 5.

Schultze, Paul, assignor to Doran Brothers, Incorporated, Danbury, Conn. Apparatus for drilling holes in cylindrical supports or the like. 2,392,774; Jan. 8.

Schultze, Paul, assignor to Doran Brothers, Incorporated, Danbury, Conn. Apparatus for constructing picker rolls. 2,392,775; Jan. 8.

Schultze, Paul, assignor to Doran Brothers, Incorporated, Danbury, Conn. Magazine for nail feeding mechanisms. 2,392,776; Jan. 8.

Schultze, Paul, assignor to Doran Brothers, Incorporated, Danbury, Conn. Apparatus for constructing picker rolls. 2,392,777; Jan. 8.

Schulz, Charles L., Pottstown, Pa. System of feeding and assorting balls of dough. 2,399,894; May 7.

Schulz, Edward L., assignor to Carrier Corporation, Syracuse, N. Y. Suit for circulating conditioned air about a person. 2,413,386; Dec. 31.

Schulz, Otto, Evanston, assignor to American Automatic Typewriter Company, Chicago, Ill. Educational appliance. 2,398,724; Apr. 16.

Schulz, William H.: *See*—
Cooper, Thomas B., and Schulz.

Schulze, John E., Chicago, Ill. Manufacture of polynuclear aromatic hydrocarbons. 2,403,127; July 2.

Schulze, John F., Hempstead, N. Y. Automatic garage door opener and lock mechanism. 2,396,610; Mar. 12.

Schulze, Reinhard, Baltimore, Md. Escapement action for grand pianos. 2,411,005; Nov. 12.

Schulze, Walter A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Manufacture of mercaptans. 2,392,554; Jan. 8.

Schulze, Walter A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Synthesis of mercaptans. 2,392,555; Jan. 8.

Schulze, Walter A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Alkylation and olefin recovery process. 2,395,198; Feb. 19.

Schulze, Walter A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Hydrocarbon conversion process. 2,398,674; Apr. 16.

Schulze, Walter A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Catalytic hydrocarbon conversion. 2,406,112; Aug. 20.

Schulze, Walter A., and J. C. Hillyer, Bartlesville, Okla., assignors to Phillips Petroleum Company. Dehydrogenation of hydrocarbons. 2,395,016; Feb. 19.

Schulze, Walter A., and J. P. Lyon, Jr., Bartlesville, Okla., assignors to Phillips Petroleum Company. Alkylation process. 2,395,199; Feb. 19.

Schulze, Walter A., and G. H. Short, Bartlesville, Okla., assignors to Phillips Petroleum Company. Treatment of hydrocarbons. 2,398,468; Apr. 16.

Schulze, Walter A., and C. J. Helmers, Bartlesville, Okla., assignors to Phillips Petroleum Company. Manufacture of aviation gasoline. 2,400,843; May 21.

Schulze, Walter A., and G. H. Short, Bartlesville, Okla., assignors to Phillips Petroleum Company. Separation of diolefins from hydrocarbon mixtures. 2,401,114; May 28.

Schulze, Walter A., and W. N. Axe, Bartlesville, Okla., assignors to Phillips Petroleum Company. Alkylation process and catalyst therefor. 2,401,884; June 11.

Schulze, Walter A., and C. J. Helmers, Bartlesville, Okla., assignors to Phillips Petroleum Company. Manufacture of aviation gasoline blending stocks. 2,403,879; July 9.

Schulze, Walter A., and R. C. Alden, Bartlesville, Okla., assignors to Phillips Petroleum Company. Fuel composition. 2,409,156; Oct. 8.

Schulze, Walter A., and R. C. Alden, Bartlesville, Okla., assignors to Phillips Petroleum Company. Fuel composition. 2,409,157; Oct. 8.

Schumacher, Frank J., Wilmette, Ill. Lock nut. 2,402,583; June 25.

Schumacher, Frederick W.: *See*—
Jones, Minor C. K., and Schumacher.

Schumacher, George W., assignee: *See*—
Isakson, Stig.

Schumann, James E., Fresno, Calif. Tire tool. 2,399,146; Apr. 23.

Schunk, Joseph, Union, assignor to The National Lock Washer Company, Newark, N. J. Bus or car window construction. 2,409,709; Oct. 22.

Schunk, Joseph, Union, assignor to The National Lock Washer Company, Newark, N. J. Bus or car window construction. 2,409,710; Oct. 22.

Schunk, Joseph, Union, assignor to The National Lock Washer Company, Newark, N. J. Sash lock for bus or car window construction. 2,409,711; Oct. 22.

Schurig, Otto R.: *See*—
Jones, Benjamin W., and Schurig.

Schurig, Otto R., Schenectady, N. Y., assignor to General Electric Company. High voltage fuse. 2,392,703; Jan. 8.

Schurr, Charles H., assignor to The Lees-Bradner Company, Cleveland, Ohio. Machine tool. 2,405,522; Aug. 6.

Schurtz, Ralph E., Kansas City, Mo. Automatic plural temperature timing therapeutic bath. 2,413,002; Dec. 24.

Schuster, Carl J., Milwaukee, Wis. Needle threading device. 2,411,118; Nov. 18.

Schuster, Harry I., Milwaukee, Wis. Precision chuck. 2,401,971; June 11.

Schutt, Walter G., assignor to Stearns Manufacturing Company, Adrian, Mich. Mold or container packing. 2,397,695; Apr. 2.

Schutte, August H., Hastings on Hudson, N. Y. Magnetic separation. 2,398,725; Apr. 16.

Schutte, August H., Hastings on Hudson, N. Y. Centrifugal separator. 2,398,967; Apr. 23.

Schutte, August H., Hastings-on-Hudson, assignor to The Lummus Company, New York, N. Y. Gas adsorption. 2,397,566; Apr. 2.

Schutte, August H., Hastings-on-Hudson, N. Y., and A. W. Mack, Bayonne, N. J. Centrifugal separation. 2,394,015; Feb. 5.

Schutte, August H., Hastings-on-Hudson, N. Y., and A. W. Mack, Bayonne, N. J. Centrifugal separation. 2,394,016; Feb. 5.

Schutte, Junius M., Chicago, Ill., assignor to Burgess Battery Company. Game apparatus. 2,401,195; May 28.

Schutte, Myles G. and N. L., Houston, Tex. Underreamer. 2,401,515; June 4.

Schutte, Norman L.: *See*—
Schutte, Myles G. and N. L.

Schutten, Joseph J., Yucaipa, assignor to A. Friehauf, Los Angeles, Calif. Nail or dowel pin anchor. 2,404,928; July 30.

Schutz, Nathan R., and J. Dubitsky, New York, N. Y., assignors of one-third to A. H. Sachs, Cleveland, Ohio. Lens mounting for gas masks and the like. 2,396,207; Mar. 5.

Schutze, Henry G., Goose Creek, Tex., assignor to Standard Oil Development Company. Refining hydrocarbon oil. 2,400,373; May 14.

Schwab, Jean, Montier, Switzerland. Dry-shaving apparatus. 2,395,296; Feb. 19.

Schwab, Joseph A., Albany, N. Y. Lift. 2,397,755; Apr. 2.

Schwager, August C., Millbrae, assignor to Pacific Electric Manufacturing Corporation, San Francisco, Calif. High potential current transformer means. 2,413,195; Dec. 24.

Schwanhausser, Walter E., Maplewood, N. J., assignor to Charles Beseler Company, New York, N. Y. Opaque copy projector. 2,395,975; Mar. 5.

Schwarcman, Alexander, Buffalo, N. Y., assignor to Spencer Kellogg and Sons, Inc. Treating fatty oils. 2,412,176; Dec. 3.

Schwarcman, Alexander, Buffalo, N. Y., assignor to Spencer Kellogg and Sons, Inc. Drying oil manufacture. 2,412,177; Dec. 3.

Schwartz, Arthur A., Buffalo, N. Y., assignor to Bell Aircraft Corporation. Machine for shaping stock. 2,409,903; Oct. 22.

Schwartz, Arthur J., New York, N. Y. Case. 2,397,439; Mar. 26.

Schwartz, Carl K., Elkhart Lake, assignor of one-half to Ira Milton Jones, River Hills, Wis. Internal-combustion engine. 2,400,575; May 21.

Schwartz, Conrad B., Louisiana, Mo. Method and apparatus for manufacture of wire fasteners. 2,411,813; Nov. 26.

Schwartz, David, New York, N. Y. Multiple ribbon spool. 2,396,805; Mar. 19.

Schwartz, Edward, Hollywood, Calif. Package label. 2,398,257; Apr. 9.

Schwartz, Hyman, and W. Castedello, assignors to The Kalart Company Inc., Stamford, Conn. Range finder for cameras. 2,397,160; Mar. 26.

Schwartz, Max, New York, N. Y. Two-piece nightgown. 2,402,782; June 25.

Schwartz, Morris, Chicago, Ill. Anchorage device for closures. 2,397,440; Mar. 26.

Schwartz, Morris, and W. Castedello, assignors to The Kalart Company, Inc., Stamford, Conn. Photographic apparatus. 2,395,074; Feb. 19.

Schwartz, Morris, New York, N. Y., and W. Castedello, Stamford, Conn., assignors to The Kalart Company, Inc., New York, N. Y. Photographic apparatus. 2,396,889; Mar. 19.

Schwartz, Morris, and W. Castedello, Stamford, Conn., assignors to The Kalart Company, Inc., New York County, N. Y. Photograph camera construction. 2,403,308; July 2.

Schwartz, Morris, and W. Castedello, assignors to The Kalart Company, Inc., Stamford, Conn. Range finder. 2,407,687; Sept. 17.

Schwartz, Morris A., Los Angeles, Calif. Thermostat. 2,413,079; Dec. 24.

Schwartz, Murray L.: *See*—
White, Claron N., Schwartz, and Rousult.

Schwartz, Murray L., assignor to Standard Oil Company, Chicago, Ill. Lubricants. 2,412,633; Dec. 17.

Schwartz, Murray L., assignor to Standard Oil Company, Chicago, Ill. Lubricant. 2,412,634; Dec. 17.

Schwartz, Sidney, assignee: *See*—
Battersby, Robert B., and Prior.

Schwartz, Werner W.: *See*—
Ingwer, Max, and Schwartz.

Schwartz, William H., and N. Lester, assignors to Lester Engineering Company, Cleveland, Ohio. Automatic metal measuring and feeding device. 2,397,512; Apr. 2.

Schwarz, Benno: *See*—
Mossay, Paul A. H., Schwarz, and Barraclough.

Schwarz, David: *See*—
Reisberg, Benjamin, and Schwarz.

Schwarz, Ernst, Enfield, England. Thermoelectric device. 2,393,196; Jan. 15.

Schwarz, Ernst, Enfield, England. Thermoelectric device. 2,397,756; Apr. 2.

Schwarz, Sigmund, St. Albans, N. Y. Sludge pump. 2,396,290; Mar. 12.

Schwarze, Paul, Saint Gallen, Switzerland. Photoflash lamp. 2,393,711; Jan. 29.

Schwarzer, Fred, Pottstown, Pa. Automatic fishhook. 2,406,912; Sept. 3.

Schwarzkopf, Arthur R., assignor to Wodack Electric Tool Corporation, Chicago, Ill. Percussive tool. 2,408,484; Oct. 1.

Schwarzkopf, Otto, New York, N. Y., assignor to Burton T. Bush, Incorporated, Delawanna, N. J. Preparing stilbene derivatives. 2,410,463; Nov. 5.

Schweba, George R., Cleveland, Ohio. Fishing rod indicator. 2,409,988; Oct. 22.

Schweda, Albert M.: *See*—
Christensen, Norman V., Le Vesconte, and Schweda.
Rubel, Charles F., and Schweda.
Sauer, George, Schweda, and Smith.

Schwedersky, Hervé, New York, N. Y. Hairbrush. 2,397,757; Apr. 2.

Schweickart, William M., Cleveland, Ohio. Coupling for coal feeding worms. 2,404,145; July 16.

Schweickart, William M., and F. G. Julyan, Euclid, Ohio, assignors to Pocahontas Fuel Company Incorporated, New York, N. Y. Stoker. 2,405,982; Aug. 20.

Schweikher, Ernest W., Shaker Heights, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Tin electrodepositing composition and process. 2,402,185; June 18.

Schweikher, Ernest W., Shaker Heights, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Electrodeposition of tin. 2,407,579; Sept. 10.

Schweisthal, Frederick G., Skokie, assignor to Stewart-Warner Corporation, Chicago, Ill. Lubricant dispensing valve. 2,399,147; Apr. 23.

Schweiter, Walter, Horgen, Switzerland. Winding machine. 2,401,516; June 4.

Schweitzer, Carl E.: *See*—
Gresham, William F., and Schweitzer.

Schweitzer, Carl E., Newport, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical process and products. 2,409,712; Oct. 22.

Schweitzer, Carl E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of nitrogen compounds. 2,413,469; Dec. 31.

Schweizer, Bernard M., Nashville, Tenn. Comb. 2,397,696; Apr. 2.

Schweizerische Lokomotive und Maschinenfabrik, assignee: *See*—
Vonruti, Hans.

Schweller, Sylvester M., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,411,296; Nov. 19.

Schwend, Fred N., Los Angeles, Calif. Geometrical instrument. 2,401,321; June 4.

Schwenker, Archie C., Lincoln, Nebr. Milk pail attachment. 2,409,804; Oct. 22.

Schweppe, Everett C., Topeka, Kans. Auxiliary reservoir for ink bottles. 2,403,242; July 2.

Schweyer, Herbert E.: *See*—
Best, Joseph C., Traxler, and Schweyer.

Schwindt, Jack and F. A. Trinkle, Fort Morgan, Colo.; said Schwindt assignor to said Trinkle. Blocking and thinning of sugar beets and the like. 2,393,122; Jan. 15.

Schwinn, Frank W., Chicago, Ill. Freewheeling device. 2,394,112; Feb. 5.

Schwinn, Frank W., Chicago, Ill. Folding bicycle frame. 2,394,494; Feb. 5.

Schwinn, Frank W., Chicago, Ill. Stand for bicycles. 2,395,148; Feb. 19.

Schwinn, Frank W., Chicago, Ill. Suspension saddle. 2,395,346; Feb. 19.

Schwinn, Frank W., Chicago, Ill. Stand for bicycles. 2,396,890; Mar. 19.

Schwinn, Frank W., Chicago, Ill. Tandem bicycle frame. 2,397,441; Mar. 26.

Schwinn, Frank W., Chicago, Ill. Bicycle carrier. 2,409,395; Oct. 15.

Schwitzer-Cummins Company, assignee: *See*—
Beier, Kurt A.

Schwoegler, Edward J., assignor to Wyandotte Chemicals Corporation, Wyandotte, Mich. Reaction product of unsaturated monoglycol ethers and unsaturated nitriles. 2,403,686; July 9.

Schymik, Walter H., Oreland, assignor to I-T-E Circuit Breaker Company, Philadelphia, Pa. Field switch. 2,412,293; Dec. 10.

Scientific and Industrial Research, Honorary Advisory Council for, assignee: *See*—
Griffith, Thomas R., and Orr.

Scientific Research and Development, Office for Emergency Management, Government of the United States, as represented by the Director of the Office of, assignee: *See*—
Lindsay, Harold W.

Scientific Research and Development, the Office of, the United States of America, represented by the Executive Secretary of, assignee: *See*—
Veneklasen, Paul S.

Scientific Research and Development, The United States of America, as represented by the Director of the Office of, assignee: *See*—
Morgan, Russell H., and Hodges.

Scientific Research and Development, United States of America, as represented by the Executive Secretary of the Office of, assignee: *See*—
Stevens, Stanley S.
Veneklasen, Paul S.

Sclater, Ivanhoe H., Pittsfield, Mass., assignor to General Electric Company. Magnetic core. 2,407,688; Sept. 17.

Scofield, Theodore J., Jackson, Mich. Windshield wiper motor. 2,399,833; May 7.

Scoles, Graham J.: *See*—
Whalley, Harry, and Scoles.

Sconce, Charles C., Indianapolis, Ind. Planer gauge. 2,400,441; May 14.

Scophony Corporation of America, assignee: *See*—
Rosenthal, Adolph H.

Scott Aviation Corporation, assignee: *See*—
Ledwin, Richard D.
Meidenbauer, Phillip E., Jr.
Meidenbauer, Phillip E., Jr., and Benzel.

Scott, Carlyle H., Forest Hills, and P. H. Scott, Flushing, assignors to The Safety Tank Truck Corporation, New York, N. Y. Venting and discharge valves for tanks. 2,409,071; Oct. 8.

Scott, Edward C., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Tool drive. 2,395,586; Feb. 26.

Scott, Everette C., and C. H. Parsons, assignors to Industrial Patents Corporation, Chicago, Ill. Egg product. 2,395,587; Feb. 26.
Scott, Ferd E.: *See*—
Corn, Joseph H.
Scott, Floyd L., Jr.: *See*—
Brown, Cicero C., and Scott.
Scott, Frank E., Wallace, Idaho. Vacuum siphon percolator. 2,403,404; July 2.
Scott, Gifford G., assignor to General Motors Corporation, Detroit, Mich. Long period pendulum. 2,407,580; Sept. 10.
Scott, Howard, and R. B. Gordon, Pittsburgh, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Heat resistant alloys. 2,403,128; July 2.
Scott, John E., Los Angeles, Calif. Material feed mechanism for sewing machines. 2,407,907; Sept. 17.
Scott, Lawrence B., Columbus, Ohio. Bonding method. 2,410,464; Nov. 5.
Scott, Lloyd H., Garden City, assignor to Elsemann Corporation, Brooklyn, N. Y. Drive coupling mechanism. 2,393,344; Jan. 22.
Scott, Louis F., Philadelphia, Pa., assignor to ACF-Brill Motors Company, New York, N. Y. Adjustable back seat. 2,411,063; Nov. 12.
Scott, Milton J., Springfield, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Synthetic resin. 2,409,906; Oct. 22.
Scott, Milton J., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Shellac modified resin. 2,404,892; July 30.
Scott-Paine, Hubert, Greenwich, Conn., and A. G. W. Hall, Montreal, Quebec, Canada; said Hall assignor to said Scott-Paine. Device facilitating walking on mud. 2,412,474; Dec. 10.
Scott Paper Company, assignee: *See*—
Britt, Kenneth W.
Scott, Paul H.: *See*—
Scott, Carlyle H. and P. H.
Scott, Paul M.: *See*—
Kerr, James G., and Scott.
Scott, Richard, Toronto, Ontario, Canada, assignor to General Electric Company. Remote reading temperature instrument. 2,393,197; Jan. 15.
Scott, Robert J.: *See*—
Nuckey, Percy, and Scott.
Scott, Ruth P., executrix: *See*—
Scott, Winfield.
Scott, Samuel Le R., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Artificial waxes and greases. 2,4007,181; Sept. 3.
Scott, Thomas R., London W. C. 2, England, assignor to Federal Telephone and Radio Corporation, New York, N. Y. Joint for electric power cables. 2,393,935; Jan. 29.
Scott, Thomas R., and E. C. Lee, London, W. C. 2, England, assignors to International Standard Electric Corporation, New York, N. Y. Joint and terminations for electric power cables. 2,402,451; June 18.
Scott, Walter J., Woonsocket, R. I. Stop motion for drawing frames. 2,399,148; Apr. 23.
Scott, William E., U. S. Navy. Nonrigid barge. 2,391,926; Jan. 1.
Scott, William E., U. S. Navy. Decoy airplane. 2,395,914; Mar. 5.
Scott, William E., Drexel Hill, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Instrument for measuring reflectance. 2,406,166; Aug. 20.
Scott, William H., Rochester, N. Y. Combined filler and drainer. 2,397,295; Mar. 26.
Scott, William M., Jr., Bryn Mawr, assignor to I. T. E. Circuit Breaker Company, Philadelphia, Pa. Bus bar support. 2,396,131; Mar. 5.
Scott, William M., Jr., Bryn Mawr, assignor to I. T. E. Circuit Breaker Company, Philadelphia, Pa. Circuit interrupter and control therefor. 2,405,454; Aug. 6.
Scott, William M., Jr., Bryn Mawr, assignor to I. T. E. Circuit Breaker Company, Philadelphia, Pa. Circuit breaker locking device. 2,412,294; Dec. 10.
Scott & Williams, Incorporated, assignee: *See*—
Bristow, Paul W.
Faucette, Beale J.
Grothey, Ivan W.
Lawson, Robert H.
Page, Albert E. and F. R.
Scott, Winfield, deceased, by R. P. Scott, executrix, assignor to Wingfoot Corporation, Akron, Ohio. N-(thiazyl-thio-methylene) urethanes. 2,400,469; May 14.
Scott, Winfield, deceased, by R. P. Scott, executrix, assignor to Wingfoot Corporation, Akron, Ohio. Isomerization of cis-alpha-beta unsaturated acid esters. 2,404,103; July 16.
Scovill Manufacturing Company, assignee: *See*—
Elwin, Charles T.
Howard, George G.
Huelster, Otto J.
Killorin, Francis O., and Spender.
Mackey, Alexander A.
Nielsen, Emanuel, and Seyfried.
Root, Le Roy P.
Treciokas, Jacob P.
Scovill, Royal J., Jr., Gary, Ind. Machine for cutting blooms and the like. 2,404,600; July 23.
Scovill, Warner E., Cleveland Heights, and T. J. Walsh, assignors to The Standard Oil Company, Cleveland, Ohio. Fractional distillation apparatus. 2,398,807; Apr. 23.
Scoville, Loren P., Yonkers, and J. A. Davies, Eastchester, assignors to The Texas Company, New York, N. Y. Catalytic conversion of hydrocarbons. 2,396,723; Mar. 19.
Scrafford, Emmitt C., Flint, Mich. Cementitious material. 2,397,567; Apr. 2.
Scrantom, De Hart G., Maplewood, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Wire drawing die. 2,394,720; Feb. 12.
Scrantom, De Hart G., Maplewood, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Fault detector and automatic stop device for textile machines. 2,409,961; Oct. 22.
Scranton, Charles J., La Porte, Ind., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Harvester-thresher. 2,397,375; Mar. 26.
Scribner, Thornton S., Nevada City, Calif. Detachable wheel mount. 2,397,296; Mar. 26.
Scribner, William L.: *See*—
Buckwalter, Tracy V., and Scribner.
Scripto Manufacturing Company, assignee: *See*—
Brinson, Thomas F.
Smith, Blanchard D.
Wayne, William T.
Scripture, Edward W., Jr., Shaker Heights, Ohio. Cement composition and making same. 2,397,886; Apr. 2.
Scrivener, Arthur, Birmingham, England. Grinding machine. 2,402,454; June 18.
Scrivener, William C., and A. G. Brewer, Sutton Coldfield, assignors to Masts Limited, Birmingham, England. Union for masts, poles, and the like. 2,410,245; Oct. 29.
Scrivener, William C., and A. G. Brewer, Sutton Coldfield, assignors to Masts Limited, Birmingham, England. Mast, pole, and the like. 2,410,246; Oct. 29.
Scrivener, William C., and A. G. Brewer, Sutton Coldfield, England. Base construction for a mast and derick. 2,413,658; Dec. 31.
Scroggs, William A., San Diego, Calif. Wire garment hanger making machine. 2,413,196; Dec. 24.
Scrymser, Borne, Company, assignee: *See*—
Siever, Hughes L.
Scull, Herbert G.: *See*—
Jensen, Edgar C., Scull, and McNally.
Scully, Charles T.: *See*—
Chatterjea, Prafulla K., and Scully.
Chatterjea, Prafulla K., Scully, and Ambrose.
Scully, Charles T., London, England, assignor, by mesne assignments, to International Standard Electric Corporation, New York, N. Y. Amplifying arrangement for voltages, particularly for automatic volume control. 2,400,956; May 28.
Scully, John T., Lawrence, N. Y. Shaving machine. 2,400,027; May 7.
Scully, John T., Lawrence, N. Y. Necktie. 2,400,604; May 21.
Scurrah, William, Toronto, Ontario, Canada. Coat hanger or wall rack. 2,408,344; Sept. 24.
Scusa, Lino, Phoenix, N. Y. Gauge finishing. 2,411,814; Nov. 26.
Scuse, Alvin A., Rochester, N. Y. Speed control for machine tools. 2,394,269; Feb. 5.
Seagram, Joseph E. & Sons, Inc., assignee: *See*—
Altsheler, William B.
Seal, Myron F., Weldon, Ill. Automatic scraper for disk harrow. 2,413,246; Dec. 24.
Sealand Corporation, The, assignee: *See*—
Kaul, Richard D.
Sealed Power Corporation, assignee: *See*—
Anderson, John E., Ballard, and Potter.
Sealey, Louis E., Carsham, assignor to Papworth Limited, Bristol, England. Work table with sine bar adjustment. 2,411,641; Nov. 26.
Sealey, William C., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Electrical regulating apparatus. 2,399,943; May 7.
Sealey, William C., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Electrical regulating apparatus. 2,399,944; May 7.
Seals, Kyrle F., Lamar, Colo. Jar cap applying and removing device. 2,406,167; Aug. 20.
Sealtest, Inc., assignee: *See*—
Weisberg, Samuel M., Stimpson, and Greenspan.
Weisberg, Samuel M., Stimpson, Greenspan, and Othmer.
Sealy, Incorporated, assignee: *See*—
Bowersox, Joseph W.
Seaman, Ellsworth F., Washington, D. C. Shock proof electrical resistor. 2,397,568; Apr. 2.
Seaman, Harry J., Milwaukee, Wis. Road building machine. 2,394,017; Feb. 5.
Seaman, Harry J., Milwaukee, Wis. Mixing machine. 2,409,646; Oct. 22.
Seaman, Leo V., Phoenix, Ariz. Evaporative cooler. 2,396,024; Mar. 5.
Seamans, James W., San Leandro, Calif. Steel and other sheet metals welder's holst. 2,394,265; Feb. 5.

Seamless Rubber Company, The, assignee: *See*—
De Laney, Wallace W., and Crowley.
Predmore, Bert.
Searle, G. D., & Co., assignee: *See*—
Cusic, John W.
Saunders, Francis J., and Raymond.
Searle, Marshall O., Beverly Hills, Calif. Electric conduit and making same. 2,400,606; May 21.
Searle, Norman E.: *See*—
Flenner, Albert L., and Searle.
Goddin, Avery H., and Searle.
Searle, Norman E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical process. 2,402,584; June 25.
Sears, Gilbert E.: *See*—
Blazek, John Y., and Sears.
Sears, Roebuck and Co., assignee: *See*—
Boisseller, Earl D.
Colegrove, Charles E.
Colegrove, Nathaniel E.
Cross, Robert C.
Hohmann, Richard K., and Boisseller.
Kethcart, Frank G.
Macey, William C.
Mitchell, Walter G.
Morgan, Frank M., and Wallace.
Mumma, George E.
Zink, William L., and Hauswirth.
Sears, William C., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Insulated electrical conductor. 2,413,673; Dec. 31.
Sears, William R.: *See*—
Northrop, John K., and Sears.
Sease, Virgil B., and D. W. Woodward, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Light sensitive photographic compositions and elements. 2,405,523; Aug. 6.
Seastone, John B., Churchill Borough, and W. H. Brandt, Wilkinsburg, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Magnetic core. 2,412,914; Dec. 17.
Seaton, Robert R., assignor of one-third to A. W. Wehner, Cincinnati, and one-third to R. Niebusch, Hamilton County, Ohio. First aid kit. 2,396,393; Mar. 12.
Seaver, John D., Marblehead, Mass., assignor to General Electric Company. Permanent magnet. 2,405,455; Aug. 6.
Seaver, John D., Marblehead, and E. M. Frye, Melrose, Mass., assignors to General Electric Company. Electrical measuring instrument. 2,394,113; Feb. 5.
Seavey, Clifton E.: *See*—
Woodberry, John H., Storm, Barker, Miles, Brayton, and Seavey.
Sebell, Harry, Marblehead, Mass. Container. 2,392,507; Jan. 8.
Sebell, Harry, Marblehead, Mass. Container. 2,406,568; Aug. 27.
Sebok, Joseph B., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Air cleaner. 2,393,660; Jan. 29.
Sebok, Joseph B., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Air cleaner. 2,401,322; June 4.
Sebok, Joseph B., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Air cleaner. 2,412,753; Dec. 17.
Seborg, Earnest Y., H. J. Caldwell, and S. F. Manning, assignors to Barnes Drill Co., Rockford, Ill. Honing machine. 2,397,814; Apr. 2.
Seckel, Wallace H., assignor to The Perfection Steel Body Company, Galion, Ohio. Vehicle running gear. 2,411,836; Nov. 26.
Seddig, Robert E., assignor to Graver Tank & Mfg. Co., East Chicago, Ill. Liquid treatment. 2,395,508; Feb. 26.
Seder, Frank, Sioux Falls, S. Dak. Watchmaker's tool. 2,400,264; May 14.
Sedgwick Machine Works, Inc., assignee: *See*—
Ellis, Charles E.
Sedusky, Henry J.: *See*—
Krister, Charles J., Sedusky, and Thompson.
Sedwick, Matthew M., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Machine for closing containers. 2,411,232; Nov. 19.
Seeber, Harold S.: *See*—
Hitchcock, Rex B., and Seeber.
Seeburg, J. P., Corporation, assignee: *See*—
Boyajian, James A.
Erwood, Joseph, and Holter.
Johnson, Carl G.
Winkler, Marion R.
Seegal, Herbert L., Richmond, Va. Garment construction. 2,308,258; Apr. 9.
Seeger, Edwin W., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Motor control system. 2,399,067; Apr. 23.
Seeger, Nelson V., Cuyahoga Falls, assignor to Wingfoot Corporation, Akron, Ohio. Preparing alkoxy propionyl compounds. 2,393,000; Jan. 15.
Seeger Refrigerator Company, assignee: *See*—
Ahrens, Robert S., and Ellsworth.
Seeger-Sunbeam Corporation, assignee: *See*—
Ayres, Russell W.
Seegers, Walter H.: *See*—
Smith, Harry P., and Seegers.
Seeley, Harry E., Niagara Falls, N. Y., assignor to Moore Business Forms, Inc. Sheet delivering and printing mechanism. 2,405,373; Aug. 6.
Seeley, Stuart W., Roslyn, N. Y., assignor to Radio Corporation of America. Sub-synchronous rectifier for frequency division. 2,403,559; July 9.
Seeley, Stuart W., Roslyn, N. Y., assignor to Radio Corporation of America. Multiple program system. 2,403,957; July 16.
Seeley, Stuart W., Roslyn, N. Y., assignor to Radio Corporation of America. Wave producing and wave frequency measuring device. 2,403,958; July 16.
Seeley, Stuart W., Roslyn, N. Y., assignor to Radio Corporation of America. Position determining system. 2,405,238; Aug. 6.
Seeley, Stuart W., Roslyn, N. Y., assignor to Radio Corporation of America. Spectrophotometer. 2,413,080; Dec. 24.
Seeley, Stuart W., Bayside, N. Y., assignor to Radio Corporation of America. Radio beacon system. 2,404,196; July 16.
Seeley, Stuart W., Roslyn Heights, N. Y., assignor to Radio Corporation of America. Position determining system. 2,405,239; Aug. 6.
Seeloff, Melvin M., assignor to The Taylor-Winfield Corporation, Warren, Ohio. Actuating system for welding electrodes and the like. 2,392,296; Jan. 1.
Seely, Oliver, Long Beach, Calif. Key selector and container. 2,411,168; Nov. 19.
Seem, Robert W.: *See*—
Hathorne, Berkeley L., and Seem.
Seem, Warren A., Clarks Summit, Pa. Apparatus for manufacture or converting of textile yarn. 2,394,639; Feb. 12.
Seese, Robert S., Detroit, Mich. Switch operating mechanism. 2,401,801; June 11.
Seewer, Paul W., Rugby, assignor to The English Electric Company Limited, London, England. Automatic speed limiting device for hydraulic turbine rotors. 2,407,454; Sept. 10.
Segal, Heler, assignee: *See*—
Segal, Hyman R.
Segal, Hyman R., assignor to H. Segal, New York, N. Y. Cowl fastener. 2,407,618; Sept. 10.
Segal, Hyman R., assignor to H. Segal, New York, N. Y. Cowl fastener. 2,407,619; Sept. 10.
Segal, Louis, New York, N. Y. Knockdown toy. 2,410,875; Nov. 12.
Segal, Samuel, New York, N. Y., assignor to Wilson-Jones Company, Chicago, Ill. Stabilized loose-leaf binder. 2,392,508; Jan. 8.
Segal, Samuel, New York, N. Y., assignor to Pioneer Suspender Company, Philadelphia, Pa. Expansible belt. 2,400,844; May 21.
Segal, Samuel, New York, N. Y. Key retainer. 2,413,337; Dec. 31.
Segalla, Fiorello C., Canaan, Conn. Exercising apparatus. 2,397,054; Mar. 19.
Segelhorst, August L., Taft, Calif. Automatic slip mechanism. 2,410,589; Nov. 5.
Segerstrom, Carl A., Jr., Teaneck, N. J., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Electron discharge device. 2,391,927; Jan. 1.
Segessemann, Ernest, Newark, assignor to National Oil Products Company, Harrison, N. J. Treatment of tall oil. 2,400,607; May 21.
Segsworth, Robert S., assignor to The General Engineering Company (Canada) Limited, Toronto, Ontario, Canada. Variable speed hydraulic transmission. 2,393,479; Jan. 22.
Séguin, Joseph O., Montreal, Quebec, Canada. Hockey game. 2,398,726; Apr. 16.
Segur, Hazel M., Seattle, Wash. Workbox. 2,401,667; June 4.
Seher, Henry W., Elkins Park, assignor to Philco Corporation, Philadelphia, Pa. Plate winding machine. 2,406,668; Sept. 3.
Seib, Frederick A., Manasquan, N. J. Stretcher. 2,391,928; Jan. 1.
Seibold, Paul F., Newport, Mich. Striking device. 2,402,920; June 25.
Seid, Herman, Essex, Conn., assignor to Carrier Corporation, Syracuse, N. Y. Outlet arrangement. 2,396,025; Mar. 5.
Seidel, Julius M., Brooklyn, N. Y. Scoring mechanism. 2,400,657; May 21.
Seiden, Herman L.: *See*—
Breitcher, Robert H., Seiden, Breitenstein, and Nicolaus.
Seiden Pneumatic Tool Company, assignee: *See*—
Lutes, Oakley D.
Seidler, Leon S., Chicago, Ill. Depositor and applicator. 2,401,585; June 4.
Seidler, William, New York, N. Y. Doll. 2,396,441; Mar 12.
Seifert, Edgar F., assignee: *See*—
Cameron, Hugh J.
Seifert, Ernest M.: *See*—
Green, Charles A., and Seifert.
Seifert, Frederick E., Ames, Iowa, assignor of thirty-three and one-third per cent to E. J. Kelley and fifteen per cent to A. E. Weatherwax. Aircraft control. 2,398,601; Apr. 16.

Seiffert, Otto E., Baltimore, Md. Drill chuck. 2,400,169; May 14.

Seifried, Eugen, Waldkirch in Breisgau, Germany, assignor to United States of America, as represented by the Secretary of War. Subaqueous electric cutting. 2,407,850; Sept. 17.

Seigh, Joseph W., Teaneck, N. J., assignor to Continental Can Company, Inc., New York, N. Y. Metal stacking container. 2,412,178; Dec. 3.

Seiler, George, Chicago, Ill. Protective collar unit for refrigerating coils. 2,409,396; Oct. 15.

Seippel, Claude, Ennetbaden, assignor to Aktiengesellschaft Brown, Boverie & Cie, Baden, Switzerland. Pressure exchanger. 2,399,394; Apr. 30.

Seismic Engineering Company, assignee: *See*—
Scherbatskoy, Serge A.

Seitz, August W.: *See*—
Noel, Edward B., and Seitz.

Seitz, John G., assignor to S. I. Keene, San Francisco, Calif. Trigger mechanism. 2,396,291; Mar. 12.

Seitz, John G., assignor to Samuel I. Keene, San Francisco, Calif. Firing mechanism. 2,405,798; Aug. 13.

Seitz, Richard, Cleveland, Ohio. Lock nut. 2,394,812; Feb. 12.

Seltzman, David, New York, N. Y. Double sash window. 2,406,513; Aug. 27.

Sekella, Youston, Elmira Heights, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Friction clutch for a mechanical time fuse. 2,397,055; Mar. 19.

Sekera, Charles J., Turtle Creek, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Choke fitting. 2,393,423; Jan. 22.

Selas Corporation of America, assignee: *See*—
Hess, Frederic O.
Hess, Frederic O., Miller, and Dietrich.
Wakefield, Richard E. B.
Walker, John M., Jr.

Selby, John: *See*—
Van Denberg, Thomas F., and Selby.

Selch, Howard I., Chicago, Ill. Boring or like tool. 2,393,424; Jan. 22.

Selden, George, Cincinnati, Ohio, assignor to Interchemical Corporation, New York, N. Y. Temporary coating. 2,408,814; Oct. 8.

Seley, Louis E., Brooklyn, N. Y., assignor to S. H. White, Detroit, Mich. Gas mixture. 2,411,759; Nov. 26.

Self Locking Carton Co., assignee: *See*—
Crane, John.

Selfridge, Frank W.: *See*—
Williams, Ira, and Selfridge.

Sellger, Cornelia R., assignor to Henry Blech, Chicago, Ill. Reducing metals. 2,403,463; July 9.

Sellaro, Angelo V., Hatboro, Pa. Emergency ignition unit. 2,412,540; Dec. 10.

Sellman, Albert H.: *See*—
Glennon, James B., Sellman, and Maltby.

Sellmeyer, Bernardus: *See*—
Perkins, Myrle M., and Sellmeyer.

Sellmeyer, Gilbert J., Indianapolis, Ind. Meat cutting machine. 2,401,972; June 11.

Sells, Gale, K. C. Johnson, and L. Black, Portland, assignors to G. G. Campbell and B. H. Stroback, doing business as Radio Specialty Manufacturing Company, Portsmouth, Oreg. Lapping machine. 2,410,752; Nov. 5.

Sells, Neal S., Hoopeston, Ill., assignor to Food Machinery Corporation, San Jose, Calif. Can aligner. 2,392,509; Jan. 8.

Sellstrom Manufacturing Company, assignee: *See*—
Anderson, Marshall N., and Sellstrom.
Young, Robert A.

Sellstrom, Melvin H., assignee: *See*—
Anderson, Marshall N., and Sellstrom.

Selmi, Luciano G., Detroit, and C. L. Altenburger, Dearborn, Mich., assignors to National Steel Corporation. Alloy steel. 2,395,686; Feb. 26.

Selmi, Luciano G., Detroit, and C. L. Altenburger, Dearborn, Mich., assignors to National Steel Corporation. Alloy steel. 2,395,687; Feb. 26.

Selmi, Luciano G., Detroit, and C. L. Altenburger, Dearborn, Mich., assignors to National Steel Corporation. Alloy steel. 2,395,688; Feb. 26.

Sel-Mor Garment Co. Inc., assignee: *See*—
Grand-Jean, Frederick R.

Selnes, Alf K., assignor to Ex-Cell-O Corporation, Detroit, Mich. Control means for antifriction bearings. 2,400,374; May 14.

Seltzer, Charles, Providence, R. I. Dental tool. 2,399,834; May 7.

Selwyn, Edward W. H.: *See*—
Davey, Edward P., and Selwyn.

Semagraph Company, assignee: *See*—
Bierman, Everett C.

Semar, Harold W., Drexel Hill, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Gear timing method. 2,404,865; July 30.

Sembower, Jasper T., Jr., Baxter, W. Va. Supporting mine brattices. 2,395,689; Feb. 26.

Seme, John J., Maple Heights, assignor, by mesne assignments, to Jack & Heintz Precision Industries, Inc., Cleveland, Ohio. Concentricity gauge specimen holder. 2,408,689; Oct. 1.

Semegen, Stephen T., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Treatment of acrylic ester polymers. 2,411,899; Dec. 3.

Semegen, Stephen T., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Treatment of acrylic ester polymers. 2,412,475; Dec. 10.

Semegen, Stephen T., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Treatment of acrylic ester polymers. 2,412,476; Dec. 10.

Semler, Clyde M., Cuyahoga Falls, Ohio. Vulcanization apparatus. 2,411,558; Nov. 26.

Semon, Waldo L., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Rubberlike multipolymers. 2,395,017; Feb. 19.

Semon, Waldo L., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Copolymers of butadiene-1,3 and N-dialkyl acrylamides. 2,401,885; June 11.

Senonsen, Otto C., Bellerose, N. Y. Needle for hand knitting. 2,399,264; Apr. 30.

Semple, John B., Sewickley, Pa. Fuse for projectiles. 2,392,884; Jan. 15.

Sender, Leopold, Baltimore, Md., assignor to The Sharples Corporation, Philadelphia, Pa. Manufacture of soap. 2,411,468; Nov. 19.

Sender, Leopold, Baltimore, Md., assignor to The Sharples Corporation, Philadelphia, Pa. Manufacture of soap. 2,411,469; Nov. 19.

Sender, Leopold, Baltimore, Md., assignor to The Sharples Corporation, Philadelphia, Pa. Centrifugal separating apparatus. 2,412,099; Dec. 3.

Sender, Leopold, Baltimore, Md., and L. D. Jones, assignors to The Sharples Corporation, Philadelphia, Pa. Manufacture of soap. 2,397,161; Mar. 26.

Sender, Leopold, Baltimore, Md., and L. D. Jones, assignors to The Sharples Corporation, Philadelphia, Pa. Manufacture of soap. 2,397,162; Mar. 26.

Sendzimir, Tadeusz, Paris, France, assignor, by mesne assignments, to Armsen Company, Middletown, Ohio. Metal coating process and apparatus therefor. 2,401,374; June 4.

Senfleben, Paul W., Malden, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine for handling thread. 2,396,754; Mar. 19.

Seng Company, The, assignee: *See*—
Bolens, Harry W.
Elleman, Tom, and Johnson.
Fox, Martin.
Raitch, Alexander J.

Senk, Philip J., St. Albans, N. Y. Jar grip. 2,404,991; July 30.

Senkewitz, Charles F., Detroit, Mich. Slicing device. 2,401,668; June 4.

Senkus, Murray, assignor to Commercial Solvents Corporation, Terre Haute, Ind. Polyamines. 2,393,825; Jan. 29.

Senkus, Murray, assignor to Commercial Solvents Corporation, Terre Haute, Ind. 1,3,7-triazabicyclo [3.3.0] octanes. 2,393,826; Jan. 29.

Senkus, Murray, assignor to Commercial Solvents Corporation, Terre Haute, Ind. Ethers of secondary nitroalkanes and preparing them. 2,393,827; Jan. 29.

Senkus, Murray, assignor to Commercial Solvents Corporation, Terre Haute, Ind. Unsaturated 5-amino-1, 3-dioxanes and preparation thereof. 2,399,068; Apr. 23.

Senkus, Murray, assignor to Commercial Solvents Corporation, Terre Haute, Ind. Dicarboxylic salts of polyhydroxy tertiary amines. 2,401,196; May 28.

Senkus, Murray, assignor to Commercial Solvents Corporation, Terre Haute, Ind. Recovery of dihydric alcohols. 2,406,713; Aug. 27.

Senkus, Murray, Terre Haute, Ind., assignor to Commercial Solvents Corporation. N-substituted amino monohydric secondary alcohols and preparing them. 2,413,247; Dec. 24.

Senkus, Murray, Terre Haute, Ind., assignor to Commercial Solvents Corporation. Polyamines and preparing them. 2,413,248; Dec. 24.

Senkus, Murray, Terre Haute, Ind., assignor to Commercial Solvents Corporation. 1,5-bis-(1-nitro-3,5-dioxacyclohexyl)-2,4 dioxapentane. 2,413,249; Dec. 24.

Senkus, Murray, Terre Haute, Ind., assignor to Commercial Solvents Corporation. 1,5-bis(1-amino-3,5-dioxacyclohexyl) 2,4 dioxapentane. 2,413,250; Dec. 24.

Senn, Charles, Detroit, Mich. Fluid motor. 2,402,848; June 25.

Senn Corporation, assignee: *See*—
Coake, Charles F.

Senn, Emil, Riehen, near Basel, assignor to J. R. Geigy A. G., Basel, Switzerland. Halogen-8-hydroxy-quinaldines. 2,411,670; Nov. 26.

Senn, Rudolf, Basel, Switzerland. Coat hanger adapted to be sewed into the shoulder lining of clothes. 2,411,233; Nov. 19.

Senninger, Earl J., Chicago, Ill., assignor to Sanmyer Corporation. Liquid fuel burner system. 2,397,986; Apr. 9.

Senninger, Earl J., Chicago, Ill., assignor to Sanmyer Corporation. Liquid fuel burner system. 2,397,987; Apr. 9.

Senninger, Earl J., Chicago, Ill., assignor to Sanmyer Corporation. Liquid fuel burner. 2,397,988; Apr. 9.

Sens, Richard F.: *See*—
Hall, Garland W., Sens, and Furth.

Sensel, Eugene E., Beacon, assignor, by mesne assignments, to The Texas Company, New York, N. Y. Method and apparatus for catalytic conversion. 2,411,760; Nov. 26.

Sensenig, Miles L., Lancaster, Pa., assignor to Dellinger Manufacturing Company. Feed means and driving mechanism therefor. 2,402,849; June 25.

Sensenig, Miles L., Lancaster, Pa., assignor to Dellinger Manufacturing Company. Conveyer. 2,412,179; Dec. 3.

Sepavich, Victor F., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Stopping mechanism for weft replenishing looms. 2,410,687; Nov. 5.

Sepavich, Victor F., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Pull-over shaft drive for axminster looms. 2,412,477; Dec. 10.

Seppeler, Eduard, Berlin-Buckow-Ost, Germany; vested in the Alien Property Custodian. Adjusting pitch of screws. 2,392,556; Jan. 8.

Seppeler, Eduard, Berlin-Neukolln, Germany; vested in The Alien Property Custodian. Synchronizing propeller. 2,403,243; July 2.

Serini, Arthur, Berlin, and K. Steinruck, Berlin-Tegel, Germany, assignors to Schering Corporation, Bloomfield, N. J. Physiologically active compounds and making the same. 2,394,565; Feb. 12.

Serkes, Aaron, and J. Teska, Bronx, N. Y. Drain attachment for cooking pots. 2,397,163; Mar. 26.

Serna, Alex, Dearborn, Mich. Helicopter. 2,411,297; Nov. 19.

Serrano, Liberto A., Barcelona, Spain. Carburetion system for internal-combustion engine. 2,406,913; Sept. 3.

Serre, Maurice, and F. J. Kurth, assignors to Amenostat Corporation of America. Treating gases. 2,396,208; Mar. 5.

Serrell, John J.: *See*—
Jones, Leo D., and Serrell.

Servel, Inc., assignee: *See*—
Ashby, Carl T.
Bullington, Ralph M.
Edberg, Per.
Grossman, Franklin A.
Nauert, Carl H.
Reid, John G., Jr.
Smallwood, Albert E.
Taylor, Robert S.

Service Supply Corporation, assignee: *See*—
Lawler, Frank P.

Servis, Richard, Brooklyn, N. Y., assignor to Marathon Corporation. Making vanillin. 2,399,607; Apr. 30.

Setter Bros. Inc., assignee: *See*—
Perkins, Hiram A.

Seurynck, Bernard J., Detroit, Mich. Electric fuse connection plug. 2,404,407; July 23.

Sevegny, Frank E., Seattle, Wash. Fishing line sinker. 2,399,298; Apr. 30.

Severance, Glen R., Detroit, Mich., assignor to Eureka Williams Corporation. Machine gun recharger. 2,397,569; Apr. 2.

Severson, Harry A.: *See*—
Colman, Howard D.

Seward, Edgar C., South Arlington, Va. Cargo stop. 2,411,900; Dec. 3.

Seward, Emory A., Evanston, Ill. Sanding block. 2,408,815; Oct. 8.

Sewell, Benjamin W., Tulsa, Okla., assignor to Standard Oil Development Company. Pressure core barrel. 2,412,915; Dec. 17.

Sewell, Cleveland A., assignor to American Coils Co., Newark, N. J. Heat exchange fin. 2,402,262; June 18.

Sewell, Earl F., Yuba City, Calif. Pipe forming machine. 2,404,464; July 23.

Sexton, De Laney E., Bremerton, Wash. Electric brake. 2,392,068; Jan. 1.

Sexton, Everett P., East McKeesport, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Reservoir arrangement. 2,393,425; Jan. 22.

Seybold, Frederick W., Westfield, assignor to American Type Founders, Inc., Elizabeth, N. J. Twin crank bed motion. 2,403,760; July 9.

Seydel, John R., et al.: *See*—
Woolley, Vasser.

Seydel, Mildred, et al.: *See*—
Woolley, Vasser.

Seydel, Paul, et al.: *See*—
Woolley, Vasser.

Seydel-Woolley & Company, assignee: *See*—
Woolley, Vasser.

Seyferth, Harold N., East Detroit, assignor to Ex-Cell-O Corporation, Detroit, Mich. Dressing mechanism for grinding wheels. 2,396,891; Mar. 19.

Seyferth, Harold N., East Detroit, assignor to Ex-Cell-O Corporation, Detroit, Mich. Apparatus for grinding. 2,402,455; June 18.

Seyfried, Arthur W.: *See*—
Nielsen, Emanuel, and Seyfried.

Seyfried, Wilson D., Wooster, and S. H. Hastings, Baytown, Tex., assignors to Standard Oil Development Company. Dehydrogenation and isomerization of olefins. 2,399,895; May 7.

Seyfried, Wilson D., and S. H. Hastings, Baytown, Tex., assignors to Standard Oil Development Company. Dehydrogenation of butylene and pentylene. 2,401,973; June 11.

Seymour, George W., and G. C. Ward, Cumberland, Md., assignors to Celanese Corporation of America. Recovery of wool from mixed wool-cellulose acetate textiles. 2,393,712; Jan. 29.

Seymour, George W., and W. Brooks, Cumberland, Md., assignors to Celanese Corporation of America. Treatment of textile materials. 2,406,408; Aug. 27.

Seymour, George W., and W. Brooks, Cumberland, Md., assignors to Celanese Corporation of America. High tenacity filamentary materials. 2,407,105; Sept. 3.

Seymour, George W., and V. S. Salvin, Cumberland, Md., assignors to Celanese Corporation of America. Condensation process. 2,408,127; Sept. 24.

Seymour, Lynn L., De Kalb, assignor to The Rudolph Wurlitzer Company, Chicago, Ill. Apparatus for forming tubing. 2,392,194; Jan. 1.

Seymour Manufacturing Co., assignee: *See*—
Freed, Meyer L.
Freed, Meyer L., and Stocker.

Seymour, Mary E., Wichita, Kans. Clothesline. 2,407,387; Sept. 10.

Seymour, Raymond B., Dayton, Ohio, assignor to Monsanto Chemical Company. Vinyl esters. 2,404,929; July 30.

Seymour, Raymond B., Dayton, Ohio, assignor to Monsanto Chemical Company. Polymerization of vinyl aromatic compounds. 2,408,690; Oct. 1.

Seyter, William C., Union City, N. J., assignor to The Torsion Balance Co., New York, N. Y. Micro balance. 2,404,601; July 23.

Shabaker, Hubert A.: *See*—
Bates, John R., and Shabaker.
Houdry, Eugene J., and Shabaker.

Shackelford, William G.: *See*—
Fitchett, Thomas S., Greenwood, and Shackelford.

Shade, Harley O., Martinsburg, W. Va. Coupling for drive rolls. 2,412,013; Dec. 3.

Shaeffer, George D., assignor to Gar Wood Industries, Inc., Detroit, Mich. Clutch driven hydraulic pump. 2,413,081; Dec. 24.

Shaeffer, Harvey E., assignor to Arvey Corporation, Chicago, Ill. Landing gear for toy airplanes. 2,403,129; July 2.

Shaeffer, Harvey E., assignor to Arvey Corporation, Chicago, Ill. Toy flying machine. 2,408,275; Sept. 24.

Shafer, James A., East Cleveland, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Car truck. 2,393,426; Jan. 22.

Shafer, Julius E., Chicago, Ill. Self-aligning bearing assembly. 2,397,164; Mar. 26.

Shafer, Julius E., Chicago, Ill. Seal for bearings. 2,403,687; July 9.

Shaff, Ernest H., assignor to Keller Tool Company, Grand Haven, Mich. Operation controlling means for pressure fluid actuated tools. 2,402,212; June 18.

Shaff, Ernest H., Spring Lake, Mich., assignor to Cherry River Company, Los Angeles, Calif. Apparatus for setting blind rivets. 2,405,613; Aug. 13.

Shaffer, Chester E., East Orange, N. J., assignor, by mesne assignments, to Koppers Company, Inc. Fuel-supply control for automatic stokers. 2,400,141; May 14.

Shaffer, Larkin R., Garland, Utah. Cultivator tool. 2,396,132; Mar. 5.

Shaffer, Owen S., assignor of one-half to E. D. O'Sullivan, Omaha, Nebr. Drafting instrument. 2,411,981; Dec. 3.

Shaffer, Philip A., Jr., assignor to California Institute Research Foundation, Pasadena, Calif. Microburet. 2,412,295; Dec. 10.

Shaffer, William L., assignor to The Brown Instrument Company, Philadelphia, Pa. Control system. 2,402,117; June 11.

Shakesby, Leonard, Wolverhampton, and S. H. Smith, Manchester, England, assignors to Imperial Industries Limited. Liquid container. 2,407,455; Sept. 10.

Shakesby, Leonard, and C. A. R. Sutherland, Wolverhampton, and S. H. Smith, Manchester, England, assignors to Imperial Chemical Industries Limited. Securing fittings to containers. 2,409,907; Oct. 22.

Shakespeare Products Company, assignee: *See*—
Midling, Eugene A.

Shaka, William P., Woodside, N. Y. Fish scaling clamp. 2,405,760; Aug. 13.

Shalkop, Isaac C., assignee, et al.: *See*—
Sacher, William S.

Shallock, Edward W., assignor to American Ore Reclamation Company, Chicago, Ill. Ignition furnace. 2,409,072; Oct. 8.

Shanck, Roy B., Douglas Manor, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Carrier telegraph system. 2,406,042; Aug. 20.

Shand, Edwin W., Munster, Ind., assignor to Sinclair Refining Company, New York, N. Y. 2-chloroalkylimide chlorides. 2,411,064; Nov. 12.

Shane, Robert S.: *See*—
Pike, Edwin F., and Shane.

Shank, Clifford A., Jackson Heights, and C. M. Rifenbergh, Great Kills, Staten Island, N. Y., assignors to Federal Telephone and Radio Corporation, Newark, N. J. Vacuum tube oscillator. 2,394,018; Feb. 5.

Shanker, Hyman, assignee: *See*—
Czolgosz, Michael S.

Shankland, Rodney Y.: *See*—
Baille, James C., Heard, and Shankland
Baille, James C., and Shankland.

Shankland, Rodney V., assignor to Standard Oil Company, Chicago, Ill. Tractor fuel and making same. 2,395,976; Mar. 5.

Shanley, Edward S.: *See*—
Kauffmann, Hans O., Shanley, and McEwen.

Shannon, Earl H., Gary, Ind. Ignition device. 2,412,655; Dec. 17.

Shannon, Joseph C., Leadville, Colo. Mineral classifier. 2,407,851; Sept. 17.

Shantz, Edgar M.: *See*—
Embree, Norris D., and Shantz.

Shantz, Edgar M., assignor to Distillation Products, Inc., Rochester, N. Y. Concentration of fat-soluble vitamins. 2,410,590; Nov. 5.

Shaper, Harry B., judicial change of name: *See*—
Shapiro, Harry B.

Shapiro, Abraham.: *See*—
Schiller, Harold, and Shapiro.

Shapiro, Benjamin H., New York, N. Y., and I. Thomas, Livingston, and J. Hohl, assignors, by mesne assignments, to Plastic Parts Development Corporation, Newark, N. J. Toy. 2,411,596; Nov. 26.

Shapiro, Carl L., Beaver Falls, Pa. Method of and apparatus for depolymerizing acrylate resins. 2,412,296; Dec. 10.

Shapiro, Carl L., New York, N. Y., assignor to Lynnwood Laboratories, Inc., Essex County, N. J. Making protective composition and resulting product. 2,410,688; Nov. 5.

Shapiro, Harry B.: *See*—
Rutter, Donald E., Shapiro, and Brown.

Shapiro, Harry B., Cleveland Heights, assignor to The Brush Development Company, Cleveland, Ohio. Piezoelectric transducer. 2,399,513; Apr. 30.

Shapiro, Jacob, Brooklyn, N. Y. Douche receptacle. 2,410,367; Oct. 29.

Shapiro, Joseph, assignee: *See*—
Garrison, Nelson E.

Shapiro, Joseph M., Richfield, Conn. Bag for garbage and the like. 2,394,335; Feb. 5.

Shapiro, Maurice M., Cabin John, Md. Piezoelectric gauge and making the same. 2,408,816; Oct. 8.

Shapiro, Nathaniel: *See*—
Isenberg, Solon.

Sharkey, Edward H., Glen Ridge, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electronic tube testing apparatus. 2,412,231; Dec. 10.

Sharkey, William H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Sulphur-containing esters of hydrolyzed ethylene-vinyl organic ester interpolymers. 2,395,347; Feb. 19.

Sharkey, William H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymeric acetals. 2,396,209; Mar. 5.

Sharkey, William H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Xanthates of hydrolyzed interpolymers. 2,396,210; Mar. 5.

Sharkey, William H., Wilmington, H. M. Cadot, Greenville, and W. B. Clark, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Adhesive composition derived from hydrolyzed ethylene-vinyl acetate interpolymers. 2,405,983; Aug. 20.

Sharon Steel Corporation, assignee: *See*—
Weesner, Carl W., and Leffingwell.

Sharp & Dohme, Incorporated, assignee: *See*—
Masucci, Peter.
Moore, Maurice L.
Sprague, James M.

Sharp, Ewing L., Los Angeles, assignor to Josephson & Sharp Manufacturing Co., Glendale, Calif. Locking device. 2,392,953; Jan. 15.

Sharp, James W., Los Altos, assignor to Permanente Cement Company, Oakland, Calif. Silica modified cement. 2,410,954; Nov. 12.

Sharp, Leslie H.: *See*—
Jones, Benjamin G., and Sharp.

Sharp, Lorld G.: *See*—
Gorin, Manual H. and E., Sharp, and Welinsky.

Sharp, Paul F., Piedmont, assignor to Golden State Company, Ltd., San Francisco, Calif. Producing dried milk powder. 2,412,635; Dec. 17.

Sharp, Renwick J., Gautemala City, Guatemala. Pulping machine. 2,397,758; Apr. 2.

Sharp, Renwick J., Guatemala, Guatemala. Steam kettle. 2,411,006; Nov. 12.

Sharp, Robert G.: *See*—
Bonnell, Lauren W., and Sharp.

Sharp, Thomas C., North Hollywood, Calif., assignor to Radio Corporation of America. Electric motor system. 2,412,656; Dec. 17.

Sharp, Thomas E.: *See*—
Wallace, Joseph S., and Sharp.

Sharp, Thomas E., assignor to Standard Oil Company, Chicago, Ill. Lubricant. 2,398,193; Apr. 9.

Sharpe, Charles M., San Francisco, Calif. Electric cooker. 2,405,984; Aug. 20.

Sharpe, Donald B., North Tonawanda, and R. A. Baumgartner, assignors to The Carborundum Company, Niagara Falls, N. Y. Abrasive article and making. 2,405,524; Aug. 6.

Sharpe, Joseph A.: *See*—
Eisler, Joseph D., and Sharpe.

Sharpe, Norman, San Luis Obispo, Calif. Apparatus for freezing comestibles. 2,402,921; June 25.

Sharples Chemicals Inc., assignee: *See*—
Goshorn, Roland H.
Hunt, Charles K., Olin, and Brandt.
Morton, Paul D., and Olin.
Olin, John F.

Sharples Corporation, The, assignee: *See*—
Jones, Leo D.
Jones, Leo D., and Serrell.
Sender, Leopold.
Sender, Leopold, and Jones.
Sharples, Laurence P.

Sharples, Edwin H.: *See*—
Hegan, Horace J., and Sharples.

Sharples, Laurence P., Ardmore, assignor to The Sharples Corporation, Philadelphia, Pa. Fuel feeding and cooling system. 2,403,831; July 9.

Sharples, Laurence P., Ardmore, Pa., assignor to The Sharples Corporation, Philadelphia, Pa. Separation of liquids from solids. 2,409,713; Oct. 22.

Shartle, Robert A.: *See*—
Readman, Bernard L., and Shartle.

Shaver, Elmor E., Wilmington, and J. L. Patton, Newport, Del. Portable power cable skinner. 2,396,442; Mar. 12.

Shaver, Forrest W.: *See*—
Gresham, Thomas L., and Shaver.

Shaw, Arthur J., assignee, et al.: *See*—
Wilson, Allyn J.

Shaw, Burton E., Bristol, assignor to Penn Electric Switch Co., Goshen, Ind. Three-way solenoid valve. 2,398,452; Apr. 16.

Shaw, Burton E., Bristol, and W. W. Wood, assignors to Penn Electric Switch Co., Goshen, Ind. Refrigeration system. 2,393,123; Jan. 15.

Shaw, Clarence W., Grosse Pointe Woods, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Pump structure. 2,405,061; July 30.

Shaw, Douglas T., Montreal, Quebec, Canada. Fastening conductors to insulators. 2,411,007; Nov. 12.

Shaw, Elgin L.: *See*—
Donnell, Lloyd H., and Shaw.

Shaw, Harold D., Longmeadow, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Leakage testing apparatus for high-pressure containers. 2,398,051; Apr. 9.

Shaw, Harold F., assignor to F. A. Whitney Carriage Company, Leominster, Mass. Bottom construction for cribs. 2,397,697; Apr. 2.

Shaw, Harry, Rochdale, England. Apparatus for determining the roughness of surfaces. 2,396,394; Mar. 12.

Shaw, John D.: *See*—
Hungerford, Daniel C., and Shaw.

Shaw, John E. B., Chicago, Ill. Parenteral bottle construction. 2,395,149; Feb. 19.

Shaw, Joseph A., assignor, by mesne assignments, to Koppers, Company, Incorporated, Pittsburgh, Pa. Gas purification process. 2,395,509; Feb. 26.

Shaw, Leon I.: *See*—
Hoff, Wilbur L., and Shaw.

Shaw, Louis F., East Orange, N. J. Variable speed transmission. 2,399,452; Apr. 30.

Shaw, Minnie P., assignee, et al.: *See*—
Wilson, Allyn J.

Shaw, Morton R., Jr.: *See*—
Guyer, Edwin M., and Shaw.

Shaw, Ralph M., Jr., Edgewater Park, N. J., assignor to Pedrick Tool & Machine Company, Philadelphia, Pa. Bending machine. 2,413,523; Dec. 31.

Shaw, Ralph M., Jr., Edgewater Park, N. J., assignor to Pedrick Tool & Machine Company, Philadelphia, Pa. Bending machine. 2,413,524; Dec. 31.

Shaw, Thomas P. G., Shawinigan Falls, assignor to Shawinigan Chemicals Limited, Montreal, Quebec, Canada. Composition comprising vermiculite and a thermoplastic resin. 2,411,470; Nov. 19.

Shaw, Walter M., Moline, Kans. Air-cooled gas burner. 2,407,349; Sept. 10.

Shaw, Walter M., Arkansas City, Kans. Forced draft floor heater. 2,408,691; Oct. 1.

Shawinigan Chemicals Limited, assignee: *See*—
Collings, Henry M., and Kiar.
Kennedy, Douglas J.
Manson, George J.
Morrison, George O., and Collins.
Shaw, Thomas P. G.

Shea, James J., assignor to Milton Bradley Company, Springfield, Mass. Universal joint. 2,395,792; Feb. 26.

Shear, Walter B., Newark, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Shearing apparatus. 2,412,066; Dec. 3.

Shearer, Russell C., Raymondville, assignor to St. Regis Paper Company, New York, N. Y. Bleaching of groundwood. 2,413,583; Dec. 31.

Shearer, William A., New Castle, Ind. Multiple hinge structure. 2,400,608; May 21.

Shearer, William A., R. D. Shephard, and E. R. Watkins, New Castle, Ind., assignors to New Castle Products, New Castle, Pa. Locking latch structure. 2,405,240; Aug. 6

Shearman, Spicer D., assignor to The Aro Equipment Corporation, Bryan, Ohio. Pumps for lubricants and the like. 2,409,962; Oct. 22.

Sheehan, Edward F., and G. V. Hunt, Philadelphia, Pa. Safety cutoff for power operated hand tools. 2,409,397; Oct. 15.

Sheehan, William E., assignor to Bendix Aviation Corporation, South Bend, Ind. Fuel injection pump. 2,413,115; Dec. 24.

Sheffield, Berthold, Rocky Point, N. Y., assignor to Radio Corporation of America. Radio submarine lure and trap. 2,406,111; Aug. 20.

Sheffield Corporation, The, assignee: *See*—
Aller, Willis F.
Aller, Willis F., and Mahlmeister.
Boeck, Max F., and Rausch.
Mahlmeister, Raymond A.
Moss, Richard Y.
Polk, Louis F., and Aller.
Rauch, Konrad.

Shelby, Robert E.: *See*—
Hanson, Oscar B., and Shelby.

Sheldon, Lyle A., Schenectady, N. Y., assignor to General Electric Company. Arc lamp electrode regulating system and mechanism. 2,402,922; June 25.

Sheldon, Robert M., Los Angeles, Calif. Cable tension regulator. 2,405,062; July 30.

Sheldrick, Henry W., and W. P. Hoglund, assignors to Collier-Keyworth Company, Gardner, Mass. Chair iron. 2,403,198; July 2.

Shell Development Company, assignee: *See*—
Adelson, David E., and Dannenberg.
Adelson, David E., Ruh, and Gray.
Anderson, John, and Castner.
Anderson, John, Bullard, and McAllister.
Archibald, Raymond C.
Archie, Gustave E.
Arndt, Donald G., and Holt.
Bailey, William A., Jr., and Bittner.
Bailey, William A., Jr., and Burgin.
Bailey, William A., Jr., and Peterson.
Ballard, Seaver A.
Ballard, Seaver A., and Haury.
Ballard, Seaver A., and Peronn.
Ballard, Seaver A., and Winkler.
Bent, Franklin A., and Marple.
Bent, Franklin A., and Ryan.
Bergsteinsson, Ingolfur.
Bergsteinsson, Ingolfur, Scheibli, and Dickey.
Blott, John F. T., and Alexander.
Bullard, Edwin F., Anderson, and McAllister.
Buller, Reginald F.
Burgin, James.
Cheney, Harry A.
Cheney, Harry A., and McMillan.
Cole, Robert M.
Cole, Robert M., and Shultz.
Crawford, Chester C., and Ross.
Crawford, Chester C., and Yabroff.
Davis, Orris L., and Nixon.
Diamond, Hyman.
Dickey, Frank H.
Dickey, Frank H., and Bell.
Durham, Emmett L.
Evans, Theodore W.
Evans, Theodore W., and Adelson.
Evans, Theodore W., and Cattaneo.
Evans, Theodore W., Morris, and Shokal.
Evans, Theodore W., Vaughan, and Rust.
Gage, William P.
Gasser, Walter.
Glendenning, Everett B.
Greensfelder, Bernard S.
Greensfelder, Bernard S., and Bailey.
Greensfelder, Bernard S., and Perry.
Greensfelder, Bernard S., and Peterson.
Griffin, John R., Jr., and Van Ess.
Gutzeit, Carlos L.
Hall, Larry G., and Boucher.
Hantzsch, Ralph E., and Mudd.
Harsch, Raymond.
Hatch, Lewis F., Adelson, and Blackburn.
Haury, Vernon E., and Ballard.
Hearne, George W.
Hearne, George W., Adams, and Buls.
Hummel, Fred E.
Hurley, Paul E., and Dunlap.
Liedholm, George E., and McMillan.
Lovell, Lawrence L., and Jahn.
Luten, Daniel B., Jr.
Luten, Daniel B., Jr., and Benedictis.
McAllister, Sumner H., Anderson, and Ross.
McAllister, Sumner H., and Peery.
McMillan, Frank M., and Cheney.
McMillan, Frank M., and Liedholm.
Meyer, Percy.
Montgomery, George C., and McOmie.
Morris, Rupert C., and Shokal.
Morris, Rupert C., Shokal, and Snider.
Morris, Rupert C., Shokal, and Thornhill.
Nixon, Alan C., and Yabroff.
Nixon, Ivor G.
Peery, Norman E.
Plank, Leavern I.
Ross, William E.
Ross, William E., and Carlson.
Ross, William E., and Pezzaglia.

Shell Development Company, assignee: *See*—Continued
Routson, Willis G.
Rust, Frederick F., and Vaughan.
Rust, Frederick F., Dickey, and Bell.
Smith, J. Ernest, and Shenk.
Sommer, Harry J.
Sprinkle, Marshall R., and MacDuff.
Stanly, Albert L.
Stanly, Albert L., and Cattaneo.
Van Dijck, Willem J. D.
Van Ess, Paul R., Watson, and Whitney.
Vaughan, William E., and Rust.
Wachter, Aaron, and Treseder.
Walters, Ernest L.
Weiss, Frederick T., and Arbuthnot.
Weiss, Frederick T., and Sullivan.
Whitehill, Lynwood N., and Barker.
Williams, Paul H.
Wilson, Norman B.
Wyman, Joseph B., and Loeb.
Yale, Harry L.
Yale, Harry L., and Hearne.
Zublin, Ernest W., White, and Barnum.
Zuidema, Hilbert H., and Mital.

Shelley, Florence M., assignee: *See*—
Nelson, William B., Johnsen, Dyruff, and Bell.

Shelley, Thomas: *See*—
Rowledge, Arthur J., and Shelley.

Shellmar Products Company, assignee: *See*—
Gilfillan, Paul M.
Kearns, Henry.
Southwick, Charles A., Jr.

Shelly, Allen P., Denver, Colo. Pencil. 2,407,106; Sept. 3.

Shelly, Llewellyn W.: *See*—
Hamilton, Samuel H., and Shelly.

Shelton, Dothan L., Amarillo, Tex. Shorthand machine. 2,393,661; Jan. 29.

Shelton, James R., Cleveland Heights, Ohio. Halogen derivatives of schiff's bases having a bactericidal action. 2,393,271; Jan. 22.

Shelton, Lee E.: *See*—
Swennes, Benjamin A., and Shelton.

Shelton, Nellie S., Missoula, Mont. Fishhook holder. 2,401,886; June 11.

Shelton, Robert S., Mariemont, assignor to The Wm. S. Merrell Company, Reading, Ohio. Butanolamine salts of theophylline. 2,404,319; July 16.

Shelton, Robert S., Mariemont, and M. G. Van Campen, Jr., Deer Park, assignors to The Wm. S. Merrell Company, Cincinnati, Ohio. Composition of matter and method. 2,408,345; Sept. 24.

Shelton, Robert S., Mariemont, and M. G. Van Campen, Jr., Silverton, Ohio, assignors to The Wm. S. Merrell Company, Cincinnati, Ohio. Esters of dimethylaminoethanol useful as local anesthetics. 2,409,001; Oct. 8.

Shelton, Virgil, Canton, Ohio, assignor to The Bowdil Company. Chain link. 2,397,989; Apr. 9.

Shelton, Virgil O.: *See*—
Morrow, Harry M., and Shelton.

Shenk, Eugene R.: *See*—
Miller, William A., and Shenk.

Shenk, Eugene R., Brooklyn, and J. E. Smith, Jackson Heights, N. Y., assignor to Radio Corporation of America. Signaling system. 2,409,989; Oct. 22.

Shepard, Arthur P., Flushing, N. Y., assignor to Metallizing Engineering Co., Inc., Long Island City, N. Y. Gun construction for gas blast spraying heat-fusible materials. 2,397,165; Mar. 26.

Shepard, Frank B., Texon, Tex. Filtering apparatus. 2,411,341; Nov. 19.

Shepard, Huldah A., Chicago, Ill. Dehydration of food. 2,400,845; May 21.

Shepard, James G., Toronto, Ontario, Canada. Internal-combustion engine. 2,401,375; June 4.

Shephard, Richard D.: *See*—
Shearer, William A., Shephard, and Watkins.

Shepard, Stanley C.: *See*—
Wolfson, Henry, and Shepard.

Shepardson, Robert M.: *See*—
Kuhl, Paul E., and Shepardson.

Shepardson, Robert M., Madison, N. J., assignor to Standard Oil Development Co. Producing ethyl benzene. 2,404,104; July 16.

Shepherd, Allan G., Burbank, Calif., assignor, by mesne assignments, to Lockheed Aircraft Corporation. Swing joint. 2,400,658; May 21.

Shepherd, Gordon: *See*—
Drieschman, Donald F., Shepherd, Rabinawitz, Newhall, and Sorg.

Shepherd, James E., Hempstead, N. Y., assignor to Sperry Gyroscope Company, Inc. Phase sensitive apparatus. 2,410,843; Nov. 12.

Shepherd, James E., Hempstead, and J. D. Mallett, Garden City, N. Y., assignors to Sperry Gyroscope Company, Inc. Visual position and phase sense indicator. 2,406,858; Sept. 3.

Shepherd, Judson O'D., Atlanta, Ga. Communication system. 2,398,755; Apr. 16.

Shepherd, Judson O'D., Atlanta, Ga. Position control system. 2,408,485; Oct. 1.

Shepherd, William G.: *See*—
Pierce, John R., and Shepherd.

Shepherd, William G., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge apparatus. 2,401,777; June 11.

Shepherd, William G., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Frequency modulation. 2,407,293; Sept. 10.

Sheppard, Frank, Greenfield Park, Quebec, Canada. Magnetic chuck attachment plate. 2,401,887; June 11.

Sheppard, Orson C.: *See*—
Monson, Louis T., and Sheppard.

Sheppard, Samuel E.: *See*—
Houck, Robert C., Russell, and Sheppard.

Sheppard, Samuel E., and R. C. Houck, assignors to Eastman Kodak Company, Rochester, N. Y. Refining gelatin. 2,400,375; May 14.

Sheppard, Samuel E., Rochester, N. Y., and H. R. Brigham, Oak Ridge, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Sensitizing photographic emulsions. 2,410,689; Nov. 5.

Sherer, Chester H., assignee: *See*—
Henjum, Gerald J.

Sheridan, Hiram W., Oak Park, Ill. Two-speed parachute. 2,405,333; Aug. 6.

Sheridan, Hiram W., Oak Park, Ill. Dust gauge. 2,406,409; Aug. 27.

Sheridan, T. W. & C. B., Company, assignee: *See*—
Kleinberg, Paul E.

Sherka Chemical Co. Inc., assignee: *See*—
Schotte, Herbert, and Ebert.

Sherman, Albert, assignee: *See*—
Gottlieb, Robert.

Sherman, Albert, Hampton, Va. Variable-area nozzle for jet-propelled aircraft. 2,408,099; Sept. 24.

Sherman, Albert, and R. Gottlieb, New York, N. Y. Flush-riveting procedure. 2,395,348; Feb. 19.

Sherman, Arthur E., assignor to Briggs Manufacturing Company, Detroit, Mich. Automatic feed for drills. 2,395,018; Feb. 19.

Sherman, Arthur G., assignor to Sherman Laboratories, Detroit, Mich. Display and dispensing package for tablets. 2,411,471; Nov. 19.

Sherman, Donald W., Shorewood, assignor to A. O. Smith Corporation, Milwaukee, Wis. Welded pressed metal landing gear strut. 2,395,690; Feb. 26.

Sherman, Elbert W.: *See*—
Devol, George C., Jr., Pritchard, and Sherman.
Ledbetter, Pritchard, and Sherman.

Sherman, Floyd A., assignor to National Electronics Corporation, Cleveland, Ohio. Current conversion device. 2,400,609; May 21.

Sherman, Forrest P.: *See*—
Sinton, William, Sherman, and Chadwick.

Sherman, Fred A., Juniata, assignor to Oscar Neander, Grand Island, Nebr. Hydraulic crane. 2,392,004; Jan. 1.

Sherman, George B., trustee, assignee: *See*—
Sherman, George B.

Sherman, George B., Oak Park, Ill., assignor, by mesne assignments, to G. B. Sherman, as trustee. Coupling means for tractors. 2,394,210; Feb. 5.

Sherman-Klove Co., assignee: *See*—
Reub, Theodore O.

Sherman Laboratories, assignee: *See*—
Sherman, Arthur G.

Sherman, Leon M., Packanack Lake, N. J. Torque converter and control system. 2,401,376; June 4.

Sherman, Louis H., Camden, N. J. Forming pedal appliances. 2,409,594; Oct. 15.

Sherman, Michael: *See*—
Ketay, Morris F., and Sherman.

Sherman, Monroe, and L. Palliser, New York, N. Y. Earring. 2,405,525; Aug. 6.

Sherman, Ralston M., Glastonbury, Conn. Hydrocarbon combustion tube burner. 2,411,342; Nov. 19.

Sherman, Vernon W., Summit, N. J., assignor to Federal Telephone & Radio Corporation, New York, N. Y. Induction heating apparatus. 2,397,990; Apr. 9.

Sherman, Vernon W., Summit, N. J., assignor to Federal Telephone & Radio Corporation, New York, N. Y. Progressive induction heating apparatus. 2,402,186; June 18.

Sherman, Vernon W., Summit, N. J., assignor to Federal Telephone and Radio Corporation. High-frequency baking apparatus. 2,413,008; Dec. 24.

Sherman, Vernon W., Summit, and R. Ketchem, Newark, N. J., assignors to International Safety Lock Nut Corporation, New York, N. Y. Lock-nut device. 2,392,069; Jan. 1.

Sherrill, Burl E., Peru, Ind. Magnetic compass. 2,396,133; Mar. 5.

Sherwin-Williams Company, The, assignee: *See*—
Adams, Richard C.
McCord, Andrew T., and Saunders.
O'Neal, Grady M.
Todd, Seldon P., and Verduin.
Walton, William T., and Eysenbach.

Sherwood, Glenn L., assignor to Kaywood Corporation, Benton Harbor, Mich. Coating machine and coating. 2,404,000; July 16.

Sherwood, Thomas K., Wellesley, assignor to Godfrey L. Cabot, Inc., Boston, Mass. Manufacture of formaldehyde. 2,412,014; Dec. 3.

Sherwood, William T., assignor to Eastman Kodak Company, Rochester, N. Y. Machine for metering cement to lenses. 2,407,208; Sept. 3.

Sheshunoff, Victor: *See*—
Whitfield, Marshall G., and Sheshunoff.

Shevsky, Aaron Z.: *See*—
Klein, Philip L., and Shevsky.

Sheuman, James E., Waynesboro, Pa. Floating tool holder. 2,404,866; July 30.

Shield, Robert W., Chicago, Ill. Wringer. 2,409,595; Oct. 15.

Shields, Albert F., Jamaica, assignor to S. & S. Corrugated Paper Machinery Co., Inc., Brooklyn, N. Y. Partition assembling machine. 2,392,005; Jan. 1.

Shields, Francis J., Bombay, N. Y. Slipper. 2,410,186; Oct. 29.

Shields, James E., Niagara Falls, assignor to Alox Corporation, New York, N. Y. Gun oil composition. 2,397,904; Apr. 2.

Shields, Robert A., Berwick, Pa., assignor to American Car and Foundry Company, New York, N. Y. High capacity mine car. 2,411,939; Dec. 3.

Shikles, John C., St. Louis, Mo. Dining booth. 2,409,805; Oct. 22.

Shimek, Edwin J., and W. B. Hemphill, Dallas, Tex., assignors, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Gain-control system for seismic amplifiers. 2,408,001; Sept. 24.

Shimek, William F., Milwaukee, Wis., assignor to United Shoe Machinery Corporation, Flemington, N. J. Sewing machine shuttle. 2,396,755; Mar. 19.

Shimer, John M., Dallas, Tex. Fluid actuated mechanism. 2,402,300; June 18.

Shinkle, Edward M., Burlington, Iowa. Hand grenade and fuse therefor. 2,408,486; Oct. 1.

Shinomiya, Shigeru, Tokyo, Japan; vested in the Alien Property Custodian. Drilling device. 2,410,753; Nov. 5.

Shipley, Frank F., Tenafly, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph permutation code signal translator. 2,408,100; Sept. 24.

Shipley, Robert C., Kalamazoo, Mich. Cribbage board. 2,404,320; July 16.

Shipula, Anthony, assignee: *See*—
Armathes, Joseph F.

Shirk, Charles H.: *See*—
Shirk, William C., J. A. and R. C. Jacobson, and Shirk.

Shirk, William C., Sioux Falls, J. A. and R. C. Jacobson, Brandon, and C. H. Shirk, Sioux Falls, S. Dak. Loading machine. 2,412,297; Dec. 10.

Shive, Edith: *See*—
Minnick, Charles H.

Shive, William, Urbana, Ill., and R. A. Glenn, Mount Lebanon, Pa., assignors to Pittsburgh Coke & Chemical Company. Synthesis of nicotinic compounds. 2,409,806; Oct. 22.

Shively, John J.: *See*—
Fisback, Howard G., Miller, and Shively.

Shivers, Paul F., Edina, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Altimeter. 2,398,470; Apr. 16.

Shivers, Paul F., Edina, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Altimeter. 2,412,541; Dec. 10.

Shmidl, Albert J., Houston, Tex., assignor to Standard Oil Development Company. Recovery of hydrogen halide. 2,397,760; Apr. 2.

Shmikler, Joseph, assignor to Illinois Glove Company, Champaign, Ill. Hand covering. 2,394,532; Feb. 12.

Shoberg, Leonard S.: *See*—
Trefz, Julius J., and Shoberg.

Shock, Howard L., Jr., assignor to Pulmosan Safety Equipment Corporation, Brooklyn, N. Y. Eye shield. 2,395,297; Feb. 19.

Shock, Howard L., Jr., assignor to Pulmosan Safety Equipment Corporation, Brooklyn, N. Y. Respirator dust filter. 2,395,298; Feb. 19.

Shockley, William, Gillette, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Ultra high frequency electronic device. 2,409,227; Oct. 15.

Shockley, William, Madison, and G. W. Willard, Fanwood, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave propagation device. 2,407,294; Sept. 10.

Shoe Form Co. Inc., assignee: *See*—
DeWitt, William J., and Corbett.

Shoe Press Corporation, assignee: *See*—
Mahoney, James A., and Anderson.

Shoemaker, Bernard H.: *See*—
D'Ouville, Edmond L., and Shoemaker.
Llen, Arthur P., and Shoemaker.

Shoemaker, Bernard H., Hammond, Ind., and B. L. Evering, assignors to Standard Oil Company, Chicago, Ill. Isomerization of light naphtha paraffinic hydrocarbons. 2,399,765; May 7.

Shoemaker, Richard W., Woodbury, Conn. Fabrication of helical heat exchange fins. 2,396,611; Mar. 12.

Shoemaker, Richard W., Woodbury, assignor to Chase Brass & Copper Co., Incorporated, Waterbury, Conn. Thermal-balance-responsive apparatus. 2,398,333; Apr. 9.

Shoemaker, Robert C., assignor to Willamette Hyster Company, Portland, Oreg. Truck loader. 2,394,940; Feb. 12.

Shoemaker, Robert C., assignor to Hyster Company, Portland, Oreg. Truck loader. 2,409,398; Oct. 15.

Shoemaker, William E., Freeport, N. Y. Stove. 2,398,508; Apr. 16.

Shokal, Edward C.: *See*—
Evans, Theodore W., Morris, and Shokal.
Morris, Rupert C., and Shokal.
Morris, Rupert C., Shokal, and Snider.
Morris, Rupert C., Shokal, and Thornhill.

Shomer, John E.: *See*—
Brown, Walter J., and Shomer.

Shommer, Carl, Kinsman, Ohio. Adjustable mounting for liquid fuel burners. 2,404,663; July 23.

Shoner, Robert N., Fort Wayne, Ind. Seal leakage indicator for canned goods. 2,392,778; Jan. 8.

Shoner, Robert N., Fort Wayne, Ind. Seal leakage indicator for containers. 2,395,588; Feb. 26.

Shonnard, Orlando D., Upper Montclair, assignor to Joseph Dixon Crucible Company, Jersey City, N. J. Nozzle. 2,392,195; Jan. 1.

Shonts, Raymond O., Horicon, Wis. Fishline drier. 2,401,517; June 4.

Shook, Earley M., and R. W. Olson, Washington, D. C., assignors, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. System for geophysical exploration. 2,413,116; Dec. 24.

Shooman, Lou: *See*—
Goldstein, William V., and Shooman.

Shoop, Charles T., College Point, N. Y. Manicure device. 2,408,888; Oct. 8.

Shoop, Glen C., San Diego, and E. L. Tripp, Ocean Beach, Calif. Spotting board attachment. 2,399,576; Apr. 30.

Shore, Henry, Jackson Heights, N. Y., assignor to Radio Corporation of America. Signaling system. 2,408,602; Oct. 1.

Shore, Sidney X., New York, assignor to North American Philips Company, Inc., Dobbs Ferry, N. Y. Piezoelectric crystal. 2,411,298; Nov. 19.

Shores, Ronald B., Yeadon, Pa., assignor to General Electric Company. Shockproof mounting. 2,412,838; Dec. 17.

Short Brothers (Rochester & Bedford) Limited, assignee: *See*—
Gouge, Arthur.

Short, Charles E., and E. M. Brown, Jr., Wilmington, Del., said Brown assignor to said Short. Power units for amusement devices and the like. 2,398,471; Apr. 16.

Short, Frank, Canton Center, Conn. Grenade fuse. 2,412,636; Dec. 17.

Short, Frank, Canton Center, Conn. Grenade. 2,413,004; Dec. 24.

Short, George A., assignor to The Hotstream Heater Company, Cleveland, Ohio. Control mechanism. 2,402,705; June 25.

Short, Graham H.: *See*—
Schulze, Walter A., and Short.

Short, Nancy, Runcorn, England, assignor to Imperial Chemical Industries Limited. Production of organic compounds. 2,408,889; Oct. 8.

Short, Thomas T., Fort Wayne, Ind., assignor to General Electric Company. Electrical apparatus. 2,404,254; July 16.

Shorter, Albert E., Sheffield, England, assignor to The Linde Air Products Company, New York, N. Y. Apparatus for heat treating internal surfaces of metal articles. 2,403,761; July 9.

Shorter, Josephine, assignee: *See*—
Waters, Andrew S.

Shoults, David R., Schenectady, N. Y., assignor to General Electric Company. Aircraft supercharger. 2,393,713; Jan. 29.

Shoultz, Earl K., Los Angeles, Calif. Combination saw. 2,403,027; July 2.

Shoupp, William E., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Measuring apparatus. 2,408,230; Sept. 24.

Showalter, Jere C., Goose Creek, Tex., assignor to Standard Oil Development Company. Detergent composition. 2,392,779; Jan. 8.

Showalter, Jere C., Goose Creek, Tex., assignor to Standard Oil Development Company. Recovering olefins from a hydrocarbon stream. 2,400,376; May 14.

Showalter, Jere C., Goose Creek, Tex., assignor to Standard Oil Developing Company. Preparing petroleum sulfonates. 2,412,916; Dec. 17.

Shrader, Chalmon J., Henrico County, Va. Electrical ground clamp. 2,408,276; Sept. 24.

Shriro, Morris A., Elberon, N. J., assignor to the United States of America, as represented by the Secretary of War. Moistureproofing device. 2,405,614; Aug. 13.

Shriro, Morris A., Elberon, and A. Hindin, Eatontown, N. J., assignors to the Government of the United States of America, as represented by the Secretary of War. Mounting device. 2,402,682; June 25.

Shriver, Leland C., South Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Making styrene from methyl phenyl carbinol. 2,399,395; Apr. 30.

Shriver, William C., Jr., Huntington, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Making a bushing. 2,397,626; Apr. 2.

Shropshire, William W., Chicago, Ill., assignor to International Smelting & Refining Company, New York, N. Y. Refining zinciferous lead. 2,411,940; Dec. 3.

Shugars, Elmer C., Muskegon, Mich. Precision grinder for tools and the like. 2,392,780; Jan. 8.

Shuler, Morris L., Cleveland Heights, Ohio. Device for securing tires to the rim of vehicle wheels. 2,398,472; Apr. 16.

Shulman, Carl: *See*—
Kilgore, George R., Ferris, and Shulman.

Shulman, Carl I., East Orange, and G. R. Kilgore, Verona, N. J., assignors to Radio Corporation of America. Electron discharge device. 2,407,706; Sept. 17.

Shultz, Irving I.: *See*—
Cole, Robert M., and Shultz.

Shumaker, Lucky J., Bellevue, assignor to H. H. Robertson Company, Pittsburgh, Pa. Ventilating apparatus. 2,406,168; Aug. 20.

Shumate, Frank D., Larchmont, N. Y., and G. W. Saathoff, South Orange, N. J.; said Shumate assignor to Worthington Pump and Machinery Corporation, Harrison, N. J., and said Saathoff assignor to H. S. Davis, Lexington, Mass. Condenser circulating system. 2,404,321; July 16.

Shurcliff, William A.: *See*—
Stearns, Edwin I., and Shurcliff.

Shuron Optical Company, Inc., assignee: *See*—
Long, Eli M.

Shurtliff, Alfred J., Pocatello, Idaho. Baby jumper. 2,408,002; Sept. 24.

Shurts, Englebert, and L. F. Bender, Waukesha, Wis. Cup for milking machines. 2,402,094; June 11.

Sias, Frederick R., Lynfield Center, and D. B. Pearsou, Marblehead, Mass., assignor to General Electric Company. Capacitor fuel gauge. 2,409,073; Oct. 8.

Siazik, Victor, Detroit, Mich. Sighting means for machine guns. 2,412,298; Dec. 10.

Sibley, Clement N., Amityville, and F. Wiesler, Jamaica, N. Y. Door holder. 2,398,602; Apr. 16.

Sibson, Walter W., Jr.: *See*—
Wright, Howard V., and Sibson.

Sickles, F. W., Company, The, assignee: *See*—
Benner, Howard J.

Sickles, F. W., Company, The, assignee, et al.: *See*—
Benner, Howard J.

Sickles, F. W., Company, The, assignee: *See*—
Benner, Howard J., and Hadley.

Sicular, Henry, Berkeley, Calif. Fluoroscopic detection apparatus. 2,398,194; Apr. 9.

Sicular, Henry, San Francisco, Calif. Fluoroscopic detection apparatus. 2,398,195; Apr. 9.

Sicular, Henry, Berkeley, Calif. Method and apparatus for fluoroscopic personnel inspection. 2,398,196; Apr. 9.

Side, Frederick W., assignor to The Brown Instrument Company, Philadelphia, Pa. Bearing. 2,400,028; May 7.

Side, Frederick W., assignor to The Brown Instrument Company, Philadelphia, Pa. Control instrument. 2,413,584; Dec. 31.

Sidebotham, Melvin H., Newton, assignor of one-half to Harlow M. Russell, Chelsea, Mass. Nipple applying implement. 2,408,693; Oct. 1.

Sides, Harold I., Chicago, Ill. Basket carrying cart. 2,398,863; Apr. 23.

Sidley, William P., trustee, et al., *See*—
Geiger, William A.

Sidley, William P., trustee, assignee, et al.: *See*—
Geiger, William A.

Sidney, Charles W., Summit, N. J., assignor of one-half to The E. F. Hauserman Company, Cleveland, Ohio. Spot welding apparatus. 2,395,977; Mar. 5.

Siebels, William H., San Francisco, to H. C. Dutton, Jr., Millbrae, Calif. Pipe. 2,401,974; June 11.

Siebenaler, Clarence, assignee: *See*—
Roe, Andrew L.

Siebert, Arthur, Frankfort-on-the-Main, Germany, assignor to General Aniline & Film Corporation, New York, N. Y. Triazo diphenyl dyestuffs. 2,394,114; Feb. 5.

Siecke, Paul, Mount Lebanon Township, Allegheny County, assignor to Gulf Oil Corporation, Pittsburgh, Pa. Conversion of hydrocarbons at high rates of heat input. 2,406,640; Aug. 27.

Siedlarz, Thomas, Van Dyke, Mich. Gun sight. 2,402,263; June 18.

Siedle, Arnold D., Cleveland Heights, assignor to The Hoover Company, North Canton, Ohio. Refrigeration. 2,400,214; May 14.

Siedle, Arnold D., Cleveland Heights, assignor to The Hoover Company, North Canton, Ohio. Refrigeration. 2,401,385; June 4.

Siegel, A. L., Co. Inc., assignee: *See*—
Levitt, Benjamin A.

Siegel, Ernst F., Elizabeth, N. J., assignor to Reichhold Chemicals, Inc., Detroit, Mich. Preparation of certain reactive phenolaldehyde resins and their use as modifying agents for rosin. 2,400,718; May 21.

Siegel, Joseph, New York, N. Y. Fastening means. 2,405,271; Aug. 6.

Siegel, Morris H.: *See*—
Sonin, Frances, and Siegel.

Siegel, Walter: *See*—
Lambach, Fritz, and Siegel.

Sieger, John R., Hudsonville, Mich. Hobbyhorse velocipede. 2,400,265; May 14.

Siemens Brothers & Co. Limited, assignee: *See*—
Christian, David A.

Siemers, Eric, assignor, by mesne assignments, to Lacey-Webber Co., Kalamazoo, Mich. Emergency lamp. 2,404,753; July 23.

Sievenpiper, Frederic, Alden, assignor to Allied Chemical & Dye Corporation, New York, N. Y. Preparing 2,6-nitro chlor benzyl alcohol. 2,407,182; Sept. 3.

Siever, Hughes L., Keyser, W. Va., assignor to Borne Scrymser Company. Apparatus for applying treating liquids to fibers. 2,405,857; Aug. 13.

Sievers, Carl F.: *See*—
St. Clair, Theodore A., Sievers, and Olson.

Sievers, Carl F., Pontiac, Mich., assignor to Phillips Petroleum Company. Dispensing nozzle, valve, and valve disk fastening means. 2,406,914; Sept. 3.

Sievers, Henry J., Evanston, Ill. Tube scraper. 2,395,019; Feb. 19.

Sill, George A., New York, N. Y., assignor to Conmar Products Corporation, Newark, N. J. Slide fastener element. 2,394,211; Feb. 5.

Sifferd, Robert H., Brookfield, assignor to Armour and Company, Chicago, Ill. Isolation of dehydrocholic acid. 2,411,169; Nov. 19.

Sigg, Joseph A., Pittsburgh, Pa. Toy gun. 2,399,149; Apr. 23.

Sigler, Laurence M., Washington, D. C., and J. C. Gill, San Francisco, Calif., assignor of one-third to K. B. Gill, Indianapolis, Ind. Removable conveyer pan for egg opening machines. 2,397,698; Apr. 2.

Sigman, Edwin H., assignee: *See*—
Vizents, Herman C.

Sigmund Corporation, assignee: *See*—
Sigmund, Frank J., and Hlavin.

Sigmund, Frank J., and W. S. Hlavin, assignors, by mesne assignments, to Sigmund Corporation, Cleveland, Ohio. Deposition of rubber on the windings of magnetizable cores. 2,400,576; May 21.

Sigmund, Frank J., and W. S. Hlavin, Cleveland, Ohio, assignors, by mesne assignments, to Sigmund Corporation. Winding support means for magnetizable cores. 2,400,891; May 28.

Sigmund, Frank J., and W. S. Hlavin, Cleveland, Ohio, assignors, by mesne assignments, to Sigmund Corporation. Support for windings in magnetizing cores. 2,405,615; Aug. 13.

Sigmund, Miroslav, Gosforth, England. Filter. 2,397,759; Apr. 2.

Signaigo, Frank K.: *See*—
Farlow, Mark W., and Signaigo.
Lazier, Wilbur A., and Signaigo.
Lazier, Wilbur A., Signaigo, and Werntz.
Lazier, Wilbur A., Signaigo, and Wise.
Peppel, William J., and Signaigo.

Signaigo, Frank K., Brandywine Hundred, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical process. 2,402,456; June 18.

Signaigo, Frank K., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydrogenation catalysts and preparation. 2,402,683; June 25.

Signaigo, Frank K., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydrogenation catalysts and preparation. 2,402,684; June 25.

Signaigo, Frank K., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical processes. 2,402,685; June 25.

Signaigo, Frank K., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydrozenation of aryl sulphides and products resulting. 2,402,686; June 25.

Signaigo, Frank K., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of organic sulphides. 2,406,410; Aug. 27.

Signaigo, Frank K., and W. J. Peppel, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Metal plating process. 2,410,844; Nov. 12.

Signal Engineering & Manufacturing Company, assignee: *See*—
Bean, Roscoe D., and Murray.
Cypser, Hugo F.

Signarovitz, George J.: *See*—
Hilmer, Milton, Signarovitz, and Adlan.

Signer, Rudolf, Berne, Switzerland. Hardening and tanning of artificial fibers made of protein. 2,404,665; July 23.

Signer, Rudolf, Gumligen, Bern, Switzerland. Methods of and apparatus for dialytically separating mixtures of substances. 2,405,456; Aug. 6.

Signode Steel Strapping Company, assignee: *See*—
Frear, Jenness B.
Weiss, Le Roy.

Signoret, Albert J., New York, assignor to American Safety Razor Corporation, Brooklyn, N. Y. Apparatus for producing synthetic yarn. 2,406,641; Aug. 27.

Signoret, Albert J., New York, assignor to American Safety Razor Corporation, Brooklyn, N. Y. Yarn production. 2,406,642; Aug. 27.

Sigoda, Jerry: *See*—
Sigoda, Victor J. and J., and Cosentino.

Sigoda, Victor J., Great Neck, J. Sigoda, New York, and J. Cosentino, Richmond Hill, Long Island, assignors to Man-Sew Pinking Attachment Corp., New York, N. Y. Garment trimming machine. 2,397,991; Apr. 9.

Sikorsky, Igor I., Bridgeport, assignor to United Aircraft Corporation, East Hartford, Conn. Adjustable rotor. 2,402,349; June 18.

Silberman, J. D., assignee et al.: *See*—
Travis, Pierce M.

Silbernagel, Frederick C., assignor to A. M. Richter Sons Co., Manitowoc, Wis. Making high strength vinegar. 2,395,510; Feb. 26.

Silbert, Eileen, assignee, et al.: *See*—
Du Bois, Joseph E.

Silcox, Arthur E., Biddeford, Maine, assignor to Saco-Lowell Shops, Boston, Mass. Beam driving mechanism for slashers. 2,405,908; Aug. 13.

Silent, Harold C., Los Angeles, Calif., assignor to the Government of the United States of America, as represented by the Secretary of the Navy. Acoustic coupler for condenser microphones. 2,405,858; Aug. 13.

Silent Hoist & Crane Co., assignee: *See*—
Botnick, Maurice M.

Siler, Clay V.: *See*—
McKee, Paul H., and Siler.

Silex Company, The, assignee: *See*—
Lucia, Louis V., and Bassett.

Sillian, Florian P., Marion, Kans. Seat. 2,409,714; Oct. 22.

Sillers, Thomas G. A., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Travel limiting device. 2,397,699; Apr. 2.

Sillick Holding Company, Limited, The, assignee: *See*—
Balkin, Mark.

Silliman, Hon M.: *See*—
Silliman, William A. and I. M.

Silliman, William A. and I. M., New York, N. Y. Artist's palette or the like. 2,402,850; June 25.

Sliman, Leon, New York, N. Y. Full-fashioned knitted garment and manufacturing the same. 2,406,969; Sept. 3.

Silmo Chemical Corporation, assignee: *See*—
Korner, John, and Loomis.

Sils Corporation, assignee: *See*—
Job, Arthur.

Silva, Frank C., San Jose, Calif. Fruit halving and pitting. 2,404,990; July 30.

Silven, Herbert A., assignor to Norton Company, Worcester, Mass. Grinding wheel truing apparatus. 2,393,937; Jan. 29.

Silven, Herbert A., assignor to Norton Company, Worcester, Mass. Hydraulic cylindrical grinding machine. 2,396,892; Mar. 19.

Silven, Herbert A., Worcester, Mass., assignor to Norton Company. Grinding machine steadyrest. 2,399,608; Apr. 30.

Silven, Herbert A., assignor to Norton Company, Worcester, Mass. Grinding wheel spindle reciprocating mechanism. 2,409,450; Oct. 15.

Silver, Albert L., and A. Stein, Dallas, Tex. Shirt construction. 2,408,180; Sept. 24.

Silver, Benjamin J., New York, N. Y. Metatarsophalangeal ball cushion. 2,411,901; Dec. 3.

Silver, Haskell, Hollywood, Calif., assignor, by mesne assignments, to Lockheed Aircraft Corporation. Safety clip. 2,398,160; Apr. 9.

Silver, Jacob S., Bridgeport, assignor to Chandler-Evans Corporation, South Meriden, Conn. Flow measuring apparatus. 2,402,350; June 18.

Silver, Samuel R., Brooklyn, N. Y. Grinding teeth. 2,406,113; Aug. 20.

Silver, Samuel R., Brooklyn, N. Y. Apparatus for grinding teeth. 2,411,234; Nov. 19.

Silver, Walter, Belmar, N. J. Antenna coupling. 2,405,616; Aug. 13.

Silver, Walter H., assignor to Deere & Company, Moline, Ill. Disk tiller. 2,392,006; Jan. 1.

Silver, Walter H., assignor to Deere & Company, Moline, Ill. Wheel mounting means. 2,399,396; Apr. 30.

Silver, Walter H., assignor to Deere & Company, Moline, Ill. Automatic depth control for agricultural implements. 2,405,334; Aug. 6.

Silver, Walter H., assignor to Deere & Company, Moline, Ill. Power lift. 2,409,228; Oct. 15.

Silver, Walter H., assignor to Deere & Company, Moline, Ill. Power lift mechanism. 2,412,362; Dec. 10.

Silver, Walter H., assignor to Deere & Company, Moline, Ill. Hitch device. 2,412,754; Dec. 17.

Silver Creek Precision Corporation, assignee: *See*—
Ielfield, Fred C.

Silverman, Daniel: *See*—
Stuart, Robert W., and Silverman.

Silverman, Daniel, assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Time cycle telemetering. 2,400,170; May 14.

Silverman, Daniel, assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Well logging. 2,412,868; Dec. 10.

Silverman, Daniel, and T. Gilmartin, assignors to Stanolind Oil and Gas Company, Tulsa, Okla. Well signaling system. 2,411,696; Nov. 26.

Silverman, Eli E., Brooklyn, N. Y., M. Greene, Caldwell, and S. Greenspan, Newark, N. J. Molding outfit for children. 2,395,589; Feb. 26.

Silvermaster, Arkady, Los Angeles, Calif. Sine bar. 2,398,121; Apr. 9.

Silversparre, Gustav A., Narberth, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Buffer means for vehicle lateral motion mechanism. 2,392,616; Jan. 8.

Silverstein, Morris L., Dorchester, Mass. Rubber heel. 2,406,509; Aug. 27.

Silvester, Austin G., Muroc, Calif., assignor to General Electric Company. Speed governing mechanism. 2,411,065; Nov. 12.

Sim, James, Cathcart, Glasgow, assignor to G. & J. Weir, Limited, Glasgow, Scotland. Steam actuated pilot controlled distribution valve for steam engines. 2,412,478; Dec. 10.

Simison, Allen L., and E. Fletcher, Newark, assignors to Owens-Corning Fiberglas Corporation, Toledo, Ohio. Apparatus for producing fibrous glass. 2,407,295; Sept. 10.

Simison, Allen L., and E. Fletcher, Newark, assignors to Owens-Corning Fiberglas Corporation, Toledo, Ohio. Producing fibrous glass. 2,407,456; Sept. 10.

Simjian, Luther G., Riverside, Conn. Training apparatus. 2,392,781; Jan. 8.

Simjian, Luther G., Riverside, Conn. Training apparatus. 2,401,975; June 11.

Simmie, Walter S., Headington, Oxford, England. Electromagnetic vibrator. 2,405,761; Aug. 13.

Simmon, Alfred, Jackson Heights, and L. L. Weisglass, New York, N. Y.; said Weisglass assignor to said Simmon. Device for minimizing curvature of film in cameras. 2,395,590; Feb. 26.

Simmon, Alfred, Jackson Heights, and L. L. Weisglass, New York, assignors, by direct and mesne assignments, to Simmon Brothers, Inc., Long Island City, N. Y. Contrast control for photographic enlargers and printers. 2,399,577; Apr. 30.

Simmon Brothers, Inc., assignee: *See*—
Simmon, Alfred, and Weisglass.
Weisglass, Louis.
Weisglass, Louis L.

Simmonds Aerocessories, Inc., assignee: *See*—
Overbeke, John W.

Simmonds Aerocessories, Inc. of New York, assignee: *See*—
Overbeke, John W.

Simmonds Aerocessories Limited, assignee: *See*—
Goudime-Levkovitsch, Paul.
Perkins, Alan J., and Roberts.
Robertson, Edward R.
Smith, Stanley J.

Simmonds Development Corporation Limited, assignee: *See*—
Billing, Henry J., and Fazekas.

Simmons, Arthur B., and J. H. McLeod, assignors to Eastman Kodak Company, Rochester, N. Y. Lens centering device. 2,394,721; Feb. 12.

Simmons, Charles A., assignee: *See*—
Schlueter, Ernest.

Simmons, Edward E., Jr., Pasadena, Calif. Strain gauge. 2,393,714; Jan. 29.

Simmons, Edward N., assignor to Simmons Manufacturing Co., Chicago, Ill. Threading device. 2,398,052; Apr. 9.

Simmons, Harry M: *See*—
Ruen, Henry C., and Simmons.

Simmons, John H. and H. E. Spencer, Butte, Mont., assignors to Anaconda Copper Mining Company. Drill-bit carrier. 2,398,896; Apr. 23.

Simmons, John W., Cleveland Heights, Ohio. Fastener. 2,392,704; Jan. 8.

Simmons, Leon E., Claremont, N. H., assignor to Sullivan Machinery Company. Cutter chain. 2,393,001; Jan. 15.

Simmons, Leon E., Claremont, N. H., assignor to Sullivan Machinery Company. Kerf cutting apparatus. 2,394,813; Feb. 12.

Simmons, Leon E., Claremont, N. H., assignor to Joy Manufacturing Company. Cutter chain. 2,404,540; July 23.

Simmons, Leon E., Claremont, N. H., assignor to Joy Manufacturing Company. Mining apparatus. 2,409,807; Oct. 22.

Simmons, Leon E., Claremont, N. H., assignor to Joy Manufacturing Company. Kerf cutting device. 2,411,170; Nov. 19.

Simmons, Leon E., Claremont, N. H., assignor to Joy Manufacturing Company. Kerf cutting device. 2,411,171; Nov. 19.

Simmons, Leon E., Claremont, N. H., assignor to Joy Manufacturing Company. Track sander. 2,413,387; Dec. 31.

Simmons, Leon E., Claremont, N. H., and H. H. Vanderzee, Michigan City, Ind., assignors to Joy Manufacturing Company. Cutter chain. 2,413,585; Dec. 31.

Simmons Manufacturing Co., assignee: *See*—
Simmons, Edward N.

Simmons, Parker T., San Francisco, Calif. Visor. 2,400,958; May 28.

Simmons, Parker T., San Francisco, Calif. Can opener. 2,403,959; July 16.

Simmons, R. A., Vernonia, Oreg. Dry kiln. 2,403,154; July 2.

Simmons, R. F., Company, assignee: *See*—
Levesque, Arthur H.

Simon, Richard W.: *See*—
Bruhn, William J., and Simon.

Simonds, Almor O., Onawa, Iowa. Staple. 2,393,715; Jan. 29.

Simonds, George D.: *See*—
Donley, Bartrum G., and Simonds.

Simons, Abraham, New York, N. Y. Marking or embossing machine. 2,399,397; Apr. 30.

Simons, August E., Detroit, Mich. Water scooter. 2,403,560; July 9.

Simons, Charles J., Medford, and A. Randall, Lynn, Mass. Hair curler. 2,404,867; July 30.

Simons, John K., Toledo, Ohio, assignor, by mesne assignments, to Libbey-Owens-Ford Glass Company. Preparation of thiazoles. 2,396,893; Mar. 19.

Simons, John K., Toledo, Ohio, assignor, by mesne assignments, to Libbey-Owens-Ford Glass Company. Preparation of synthetic resins from thiazoles. 2,396,894; Mar. 19.

Simons, John K., Toledo, Ohio, and W. I. Weaver, Pittsburgh, Pa., assignors, by mesne assignments, to Libbey-Owens-Ford Glass Company. Preparing acyl guanidines. 2,408,694; Oct. 1.

Simons, Joseph M., St. Louis Park, Minn. Cold wave hair curler. 2,403,244; July 2.

Simonton, William L., assignor to The Joyce-Cridland Company, Dayton, Ohio. Lifting mechanism. 2,308,181; Sept. 24.

Simpkins, Albert I., assignee: *See*—
Carlson, Charles N.

Simpkins, Glenn L.: *See*—
Brock, Harold L., and Simpkins.

Simpkins, Isaac W., Charlotte, N. C. Safety mechanism for brakes. 2,409,908; Oct. 22.

Simplex Paper Corporation, assignee: *See*—
Wood, Frederick P.

Simplex Time Recorder Co., assignee: *See*—
Patterson, Donald J.

Simplicity Manufacturing Company, assignee: *See*—
Donald, Forrest V.

Simpson, Ethel V., administratrix: *See*—
Schneider, Henry J., and Simpson.

Simpson, Herbert S., assignee: *See*—
Christensen, Alfred C.

Simpson, James H.: *See*—
Miller, James B., and Simpson.

Simpson, John, Jr., and J. Williams, North Tiverton, R. I., assignor to John Simpson, Jr., North Tiverton, R. I. Apparatus for trimming commutators. 2,409,158; Oct. 8.

Simpson, John K., assignor to Automotive Products Company Limited, Leamington Spa, England. Liquid pressure remote control system. 2,408,003; Sept. 24.

Simpson, Justin, Elmhurst, assignor to Cameron Can Machinery Co., Chicago, Ill. Can feeding mechanism. 2,395,511; Feb. 26.

Simpson, Justin, Elmhurst, assignor to Cameron Can Machinery Company, Chicago, Ill. Stop motion mechanism for die presses. 2,402,687; June 25.

Simpson, Leon G.: *See*—
Schneider, Henry J., and Simpson.

Simpson, Roswell H.: *See*—
Nichols, Charles R., Jr., and Simpson.

Simpson, Thomas, Kenilworth, assignor to H. M. Hobson (Aircraft & Motor) Components Limited, London, England, Servomotor. 2,401,197; May 28.

Simpson, Thomas P., J. W. Payne, and L. P. Evans, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Method and apparatus for reactions in a contact mass. 2,409,596; Oct. 15.

Simpson, Thomas P., J. W. Payne, and J. A. Crowley, Jr., Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Continuous catalytic system. 2,410,309; Oct. 29.

Simpson, Thomas P., J. W. Payne, and J. A. Crowley, Jr., Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Catalytic conversion. 2,412,017; Dec. 17.

Simpson, William E., South Ozone Park, N. Y., assignor to Radio Corporation of America. Tone frequency signal repeater. 2,404,754; July 23.

Simpson, William F., assignor to B. F. Avery & Sons Company, Louisville, Ky. Securing pin. 2,401,976; June 11.

Sims, John J.: *See*—
Word, James C., Jr., and Sims.

Sinclair, Albert L., Chicago, and L. Stastney, Cicero, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Extrusion apparatus. 2,396,348; Mar. 12.

Sinclair, Charles W., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Vehicle wheel. 2,407,749; Sept. 17.

Sinclair, Edward L., Manhasset, N. Y., and W. A. Hagerbaumer, Westfield, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Level indicating device. 2,398,334; Apr. 9.

Sinclair, James McG., assignor of one-half to W. F. Young, Inverness, Scotland. Electric flash welding. 2,399,453; Apr. 30.

Sinclair Refining Company, assignee: *See*—
Finley, Willard L, and Kirk.
Herthel, Eugene C.
Jordan, Charles E.
Kimball, Thomas B.
Kleinhois, Milton P.
May, Robert L.
Norris, Richard O.
O'Neill, Joseph J.
Shand, Edwin W.
Teter, John W.
Teter, John W., and Merwin.

Sines, George W.: *See*—
Benbow, James D., and Sines.

Sines, Harold S., Chicago, Ill. Conductor grip for insulators. 2,396,895; Mar. 19.

Sines, Harvey S., assignor to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Precision squeezer yoke. Re. 22,743; Apr. 9.

Singer, Edwin, Brooklyn, N. Y. Adhesive tape dispenser. 2,401,841; June 11.

Singer, Francis L., Jr., Peekskill, N. Y. Bookmark. 2,405,374; Aug. 6.

Singer, Fred J.: *See*—
Kinkead, Fullerton S., Melhuish, Singer, and Smith.
Parker, Ralzemond D., Rea, and Singer.

Singer, Fred J., Rockville Centre, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Data transmission system. 2,405,617; Aug. 13.

Singer, Grover C., Brownsville, Tex. Electric lamp. 2,398,968; Apr. 23.

Singer, Grover C., Brownsville, Tex. Electric lamp. 2,398,969; Apr. 23.

Singer, Grover C., Brownsville, Tex. Electric lamp. 2,398,970; Apr. 23.

Singer, Grover C., Brownsville, Tex. Electric lamp. 2,398,971; Apr. 23.

Singer, Harriett C., Elmhurst, Long Island, N. Y., assignor to Zimba Kola Co., Incorporated. Bottle carrier. 2,397,376; Mar. 26.

Singer, Henry, Honolulu, Territory of Hawaii. Attachment for toothbrushes. 2,394,640; Feb. 12.

Singer, Henry, Honolulu, Hawaii. Multiple slicing device. 2,396,443; Mar. 12.

Singer, Henry, Honolulu, Hawaii. Device for peeling citrus fruit. 2,396,444; Mar. 12.

Singer, Henry, Honolulu, Hawaii. Spraying apparatus. 2,411,343; Nov. 19.

Singer, Henry, Honolulu, Hawaii. Opener for liquid containers. 2,411,344; Nov. 19.

Singer Manufacturing Company, The, assignee: *See*—
Becker, Rudolph.
Clayton, Andrew B.
Enos, John P.
Fuge, Harry B.
Hacklander, Hans.
Happe, Reynold.
Happe, Reynold, and Turner.
Ingalls, Ross D.
Karle, John D.
Myers, Walter.
Parry, Frank.
Perkins, Kenneth, and Park.
Wood, Alfred R.
Zeler, Frederick F.
Zonis, Sydney.

Singleton, Joseph L., Wauwatosa, Wis., assignor to Allis-Chalmers Manufactnring Company, Milwaukee, Wis. Elastic fluid conditioning apparatus. 2,409,159; Oct. 8.

Sink and Float Corporation, The, assignee: *See*—
Trostler, Fredrick, and Andrews.
Zeigler, William L., and Garber.

Sinks, Allen T., Beach Bluff, Mass., assignor to General Electric Company. Coil winding for electric apparatus and method of making same. 2,405,457; Aug. 6.

Sinnett, Chester M., Westmont, N. J., assignor to Radio Corporation of America. Automatic stop for phonographs. 2,405,526; Aug. 6.

Sinnett, Chester M., Westmont, N. J., assignor to Radio Corporation of America. Transducer system. 2,411,008; Nov. 12.

Sinnett, Chester M., Westmont, N. J., assignor to Radio Corporation of America. Angle modulated wave reproducing system. 2,412,015; Dec. 3.

Sinnett, Chester M., Westmont, and H. Belar, Palmyra, N. J., assignors to Radio Corporation of America. Record reproducing system. 2,408,695; Oct. 1.

Sinton, William, and F. P. Sherman, U. S. Navy, and G. A. Chadwick, Washington, D. C. Smoke screen equipment. 2,399,265; Apr. 30.

Siosa, John M., Middle River, Md. Card terminal plug. 2,408,583; Oct. 1.

Sipp, Paul L., Jr.: *See*—
Gooding, Francis H., and Sipp.

Sigveland, Ivar E., St. Paul, Minn., assignor to The Columbus Dental Manufacturing Company, Columbus, Ohio. Matrix clamp. 2,400,172; May 14.

Sirman, Guarling F., North Miami, Fla. Pushcart. 2,406,169; Aug. 20.

Sirmay, Julius, assignor to Jacquard Knitting Machine Co., Inc., Philadelphia, Pa. Transferring stitches. 2,397,456; Mar. 26.

Sirola, Frank, New York, N. Y. Turret head for lathes. 2,403,405; July 2.

Sirp, Emil, Downers Grove, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Article assembling apparatus. 2,404,197; July 16.

Sirp, Emil, Downers Grove, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Work support. 2,409,160; Oct. 8.

Sisson, James G., assignor to The L. S. Starrett Company, Athol, Mass. Cylindrical test gauge. 2,392,617; Jan. 8.

Sisson, Kenneth O., Oakwood, assignor to General Motors Corporation, Dayton, Ohio. Collimator. 2,405,063; July 30.

Sitsler, Richard R., and J. E. Bludworth, Cumberland, Md., assignors to Celanese Corporation of America. Manufacture of artificial products. 2,394,212; Feb. 5.

Siver, Chester A., U. S. Navy, assignor to Union Carbide and Carbon Corporation. Fluid supply apparatus and control systems therefor. 2,402,187; June 18.

Siver, Chester A., Indianapolis, Ind., assignor to Union Carbide and Carbon Corporation. Gas supply apparatus and control system therefor. 2,402,523; June 18.

Sivertsen, Jens: *See*—
Fredericks, George E., and Sivertsen.

Sivertsen, Jens, Philadelphia, Pa. Bourdon tube. 2,409,161; Oct. 8.

Sivertsen, Jens, assignor to Tinius Olsen Testing Machine Company, Philadelphia, Pa. Pressure responsive controlling mechanism. 2,404,868; July 30.

Sivyer, Benjamin E., Whitefish Bay, assignor to Chain Belt Company, Milwaukee, Wis. Conveyer flight. 2,409,318; Oct. 15.

Sivyer, Benjamin E., Whitefish Bay, assignor to Chain Belt Company, Milwaukee, Wis. Chain link construction. 2,412,364; Dec. 10.

Six, Walter J., Indianapolis, Ind. Piston expander. 2,397,056; Mar. 19.

Sjogren, Knut R., Los Angeles, Calif. Lapping block. Re. 22,770; July 2.

Sjolander, Newell, Rutherford, N. J., and W. Eisenman, assignors to Heyden Chemical Corporation, New York, N. Y. Production of 3-hydroxy-2-butanone. 2,401,778; June 11.

Skaer, James A., Wichita, Kans. Pocket tool kit. 2,413,082; Dec. 24.

Skaneateles Boats, Inc., assignee: *See*—
Barnes, John S.

Skellett, Albert M., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge apparatus. 2,395,299; Feb. 19.

Skellett, Albert M., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Selective calling signal service. 2,396,211; Mar. 5.

Skellett, Albert M., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electronic device and circuits. 2,402,188; June 18.

Skellett, Albert M., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric discharge apparatus. 2,407,296; Sept. 10.

Skellett, Albert M., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge apparatus. 2,407,297; Sept. 10.

Skellett, Albert M., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge apparatus. 2,407,298; Sept. 10.

Skelly, James J., Cleveland Heights, Ohio. Flexible wall structure. 2,411,902; Dec. 3.

Skelly, Lawrence E., and H. F. Brinen, assignors to Young Radiator Company, Racine, Wis. Fluid temperature controlling device. 2,395,943; Mar. 5.

Skenandoa Rayon Corporation, assignee: *See*—
Madden, Leo J.

Skene, Donald L., Lockport, Ill. Calendar. 2,400,268; May 14.

Skeyhan, Fred G., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Belt. 2,403,617; July 9.

Skilbeck, Gerald W., Kenosha, Wis. Humidifier. 2,395,512; Feb. 26.

Skillin, Walter F.: *See*—
Valentine, Frank E., and Skillin.

Skilton, Harry A., Watertown, Conn. Tiltable rotary power-driven work-holding unit. 2,408,231; Sept. 24.

Skinker, Murray F., Montclair, N. J., assignor to Federal Telephone & Radio Corporation, New York, N. Y. Making selenium elements. 2,393,938; Jan. 29.

Skinkle, John H., Chelmsford, Mass., and L. Weinstein, Yonkers, assignors to Phillips-Jones Corporation, New York, N. Y. Collar and the like. 2,393,825; Jan. 29.

Skinkle, John H., Chelmsford, Mass., and L. Weinstein, Yonkers, assignors to Phillips-Jones Corporation, New York, N. Y. Collar and the like. 2,393,829; Jan. 29.

Skinner, Bronson C.: *See*—
Mobley, James C.

Skinner, Charles W., assignor to Fashion Frocks, Inc., Cincinnati, Ohio. Parachute release device. 2,393,072; Jan. 15.

Skinner, Davis A.: *See*—
Doumani, Thomas F., and Skinner.

Skinner Engine Company, assignee: *See*—
Lindeman, Oscar H.

Skinner, George M., Kenmore, N. Y., assignor to National Carbon Company, Inc. Liquid cleaning compositions. 2,403,618; July 9.

Skinner, George M., Kenmore, N. Y., assignor to National Carbon Company, Inc. Liquid cleaning composition. 2,403,619; July 9.

Skinner, Morley, Kokomo, Ind. Multiple purpose card table accessory. 2,400,610; May 21.

Skinner, Ralph L., assignee: *See*—
Eckel, Earle S.

Skinner, Ralph L., assignor to Rennika Company, Detroit, Mich. Pressure sealing-means. 2,404,664; July 23.

Skinner, Roberts K., West Hartford, Conn. Bolt anchor. 2,399,069; Apr. 23.

Sklerov, Benjamin and H., and J. Solinsky, assignors to Sam Steinglass, New York, N. Y. Button spinning machine. 2,392,954; Jan. 15.

Sklerov, Harry: *See*—
Sklerov, Benjamin and H., and Solinsky.

Skog, Henry A.: *See*—
Ewald, Raymond L., and Skog.

Skoglund, Bert J.: *See*—
Doering, Charles and H. H., Skoglund, and Anderson.

Skold, John F., assignor to C. E. Zimmerman, Chicago, Ill. Lipstick spreader. 2,398,161; Apr. 9.

Skolnik, Max, assignor to Fibro-Mold Specialties, Inc., Chicago, Ill. Laminated material and making same. 2,405,527; Aug. 6.

Skolnik, Max, assignor to Fibro-Mold Specialties, Inc., Chicago, Ill. Forming shaped articles. 2,405,528; Aug. 6.

Skoog, Robert W., Borger, Tex., assignor to United Carbon Company, Inc., (Maryland). Apparatus for producing carbon black. 2,413,586; Dec. 31.

Skowron, Edmund A., Pittsburgh, and W. H. Woodings, Oakmont, assignors to Woodings-Verona Tool Works, Verona, Pa. Rail anchor. 2,413,470; Dec. 31.

Skrobisch, Alfred: *See*—
Hamilton, Hugh G., Pratt, and Skrobisch.

Skuhrovec, Joseph, assignor to Una Welding, Inc., Cleveland, Ohio. Control system for welding heads. 2,393,662; Jan. 29.

Skurnick, Sam, Brooklyn, N. Y., assignor to Government of the United States of America, as represented by the Secretary of War. Meteorological telemetering system. 2,402,688; June 25.

Slack, Charles M., Glen Ridge, and C. E. Dawley, and A. Pfeiffer, Bloomfield, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Constant voltage field emission arc discharge device. 2,408,004; Sept. 24.

Slack, Charles M., Glen Ridge, and E. G. F. Arnott, Upper Montclair, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electric arc device. 2,409,715; Oct. 22.

Slack, Charles M., Glen Ridge, L. F. Ehrke, Newark, and C. E. Dawley, Bloomfield, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. High-voltage discharge device. 2,409,716; Oct. 22.

Slack, Charles M., Glen Ridge, and A. Pfeiffer and C. E. Dawley, Bloomfield, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Field emission arc discharge tube. 2,409,717; Oct. 22.

Slack, Frederic W., Detroit, and C. C. Utz, Magnolia, assignors to Chrysler Corporation, Highland Park, Mich. Vehicle wheel connecting joint. 2,405,458; Aug. 6.

Slack, George H.: *See*—
Stark, Fred J., and Slack.

Sladecek, Ed, Granger, Tex. Road scraper. 2,393,345; Jan. 22.

Sladky, Charles E., Parma Heights, assignor to The North American Manufacturing Company, Cleveland, Ohio. Butterfly valve. 2,412,918; Dec. 17.

Slama, Lewis: *See*—
Brenner, John H., and Slama.

Slasor, Nicholas R.: *See*—
McCulloch, John A., and Slasor.

Slate, Thomas B., Washington, D. C. Flying boat. 2,400,173; May 14.

Slater, Charles F., Pittsburgh, Pa. Rotary cleaner roll and container therefor. 2,401,842; June 11.

Slater, Wilfred, Quinton, Birmingham, England. Inserted tooth tool. 2,407,519; Sept. 10.

Slatis, Abraham, Chicago, Ill. Shell pattern and casting therewith. 2,408,005; Sept. 24.

Slaton, Martin M., Burbank, and M. M. Croen, Los Angeles, Calif. Cosmetic case. 2,396,932; Mar. 19.

Slaughter, James E.: *See*—
Oliver, Edwin L., McGuire, Slaughter, and Vettel.

Slaughter, Philip E.: *See*—
Eckenbeck, Dana C., Madden, and Slaughter.

Slauson, William C., Manhasset, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical device. 2,395,300; Feb. 19.

Slavic, Fred M., Los Angeles, Calif., assignor, by mesne assignments, to Lear, Incorporated, Grand Rapids, Mich. Antifriction drive. 2,403,096; July 2.

Slavicek, George, Berwyn, Ill., assignor to International Harvester Company. Wagon elevator. 2,395,349; Feb. 19.

Slaymaker, Frank H., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Modulation system. 2,403,245; July 2.

Slayter, Games, and E. Fletcher, Newark, assignors to Owens-Corning Fiberglas Corporation, Toledo, Ohio. Apparatus for forming fibrous strands. 2,398,808; Apr. 23.

Slayton, Robert E., Elmira, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Electrical starting and ignition system for internal-combustion engines. 2,398,259; Apr. 9.

Slechta, Henry C.: *See*—
Johansson, Sven G., and Slechta.

Slepian, Joseph, Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit interrupter. 2,412,919; Dec. 17.

Sletzinger, Meyer: *See*—
Van de Kamp, Jacob, and Sletzinger.

Slimp, William L., Los Angeles, Calif. Trailer coupler. 2,411,009; Nov. 12.

Slingluff, Eugene L., Bath Township, Summit County, and D. R. Scheu, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Striping flexible strip material. 2,412,429; Dec. 10.

Sloan, Clifford K., Thornton, Pa., and G. D. Patterson, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Coating composition. 2,410,187; Oct. 29.

Sloan, David H., Berkeley, Calif., assignor to Research Corporation, New York, N. Y. Electron acceleration. 2,398,162; Apr. 9.

Sloan, David H., Berkeley, Calif., assignor to Research Corporation, New York, N. Y. Generating high-frequency oscillations. 2,404,541; July 23.

Sloan David H., Berkeley, Calif., assignor to Research Corporation, New York, N. Y. Resonator for oscillators. 2,404,542; July 23.

Sloan, David H., Berkeley, Calif., assignor to Research Corporation, New York, N. Y. Structure for supporting filaments in vacuum tubes. 2,405,762; Aug. 13.

Sloan, David H., Berkeley, Calif., assignor to Research Corporation, New York, N. Y. Vacuum tube utilizing cavity resonators. 2,405,763; Aug. 13.

Sloan, David H., Berkeley, Calif., assignor to Research Corporation, New York, N. Y. High-frequency triode oscillator. 2,411,299; Nov. 19.

Sloan, Edward C., assignor to Jesse B. Hawley, Geneva, Ill. Making filter members. 2,395,301; Feb. 19.

Sloan, Homer H., Dothan, Ala., assignor to The Hoover Company, Canton, Ohio. Suction cleaner. 2,395,430; Feb. 26.

Sloan, Lon, Cleveland, Ohio. Flexible coupling. 2,397,700; Apr. 2.

Sloan, Milton, Hartford, Conn. Nursing bottle. 2,394,722; Feb. 12.

Sloan Valve Company, assignee: *See*—
Russell, Irving H., and Binnall.
Sloan, William E., and Swartz.

Sloan, William E., River Forest, and J. J. Swartz, Berwyn, assignors to Sloan Valve Company, Chicago, Ill. Automatic flushing system. 2,395,150; Feb. 19.

Sloane, Robert W., and E. M. Bimberg, Detroit, Mich., assignors to Bendix Aviation Corporation, South Bend, Ind. Carburetor. 2,406,114; Aug. 20.

Sloane, William W., assignor to Goodman Manufacturing Company, Chicago, Ill. Cutter chain. 2,398,675; Apr. 16.

Sloane, William W., assignor to Goodman Manufacturing Company, Chicago, Ill. Shuttle car. 2,412,755; Dec. 17.

Slobod, Arthur A., Richmond, Calif., assignor to General Electric Company. Antenna system. 2,411,472; Nov. 19.

Slocum, Harold S., Waukegan, Ill. Warning device for typewriters. 2,402,936; June 25.

Slocum, Henry M., New York, N. Y. Puzzle. 2,412,180; Dec. 3.

Slomer, Joseph J., assignor to The Goodman Manufacturing Company, Chicago, Ill. Cable reel. 2,395,302; Feb. 19.

Slonczewski, Thaddeus: *See*—
Meane, Winthrop J., and Slonczewski.

Slonczewski, Thaddeus, Glenwood Landing, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission characteristic correction. 2,411,903; Dec. 3.

Slopa, George W., Chicago, Ill. Door closing device. 2,394,878; Feb. 12.

Slotterbeck, Ober C.: *See*—
Boettger, Charles R., Jr., Chambers, and Slotterbeck.
Rosen, Raphael, and Slotterbeck.

Slotterbeck, Ober C., Clark Township, Union County, N. J., assignor to Standard Oil Development Company. Acetylation of hydroxy nitriles. 2,396,292; Mar. 12.

Slotterbeck, Ober C., Rahway, N. J., assignor to Standard Oil Development Company. Electrolytic production of pinacols. 2,408,101; Sept. 24.
Slusher, Frank, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Apparatus for slitting endless bands. 2,410,905; Nov. 12.
Sly, W. W., Manufacturing Company, assignee: *See*—
Bereit, Edwin W.
Slyfield, Charles O., Los Angeles, Calif., assignor to Radio Corporation of America. Automatic rerecording method and system. 2,402,095; June 11.
Small, Augustus B.: *See*—
Nelson, Joseph F., and Small.
Small, Everett T., assignor to J. D. Adams Manufacturing Company, Indianapolis, Ind. Tamping roller. 2,410,465; Nov. 5.
Small, James K.: *See*—
Morrell, Charles E., Small, and McAteer.
Small, Wallace H., Waltham, assignor, by mesne assignments, to Raytheon Manufacturing Company, Newton, Mass. Exhaust tubulation for electronic discharge tubes. 2,413,338; Dec. 31.
Smalley, Stanley: *See*—
Vrooman, Leon, and Smalley.
Smalley, William, assignor to The Paterson Engineering Company Limited, London, England. Filtering apparatus. Re. 22,784; Aug. 27.
Smallwood, Albert E., Taunton, Mass., assignor to Servel, Inc., New York, N. Y. Cooking range. 2,401,977; June 11.
Smallwood, Hugh M., Nutley, N. J., assignor to United States Rubber Company, New York, N. Y. Treatment of carbon black. 2,408,696; Oct. 1.
Smardon, George W.: *See*—
Cross, Robert C., and Smardon.
Smart, Paul: *See*—
Hensley, Roy O., and Smart.
Herro, Alexander C., and Smart.
Smellie, Robert D., Teaneck, N. J., assignor to The E. J. Willis Company, New York, N. Y. Bearing. 2,405,799; Aug. 13.
Smellie, Donald G., Canton, assignor to The Hoover Company, North Canton, Ohio. Refrigeration. 2,400,215; May 14.
Smellie, Donald G., Canton, assignor to The Hoover Company, North Canton, Ohio. Motor. 2,401,386; June 4.
Smellie, Donald G., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,406,915; Sept. 3.
Smellie, Donald G., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,413,587; Dec. 31.
Smith, F. L., & Co., assignee: *See*—
Peterson, Louis S.
Sahmel, Viggo.
Smith, Leonard, New York, N. Y., assignor to Sylvania Industrial Corporation, Fredericksburg, Va. Acid-curing synthetic resin combined with olefin-sulfur dioxide polymer. 2,410,395; Oct. 29.
Smiley, Gerald T., San Fernando, Calif. Cartridge cutting and trimming device. 2,395,200; Feb. 19.
Smiley, Gerald T., San Fernando, Calif. Ammunition loading accessory. 2,400,846; May 21.
Smiley, Gerald T., San Fernando, Calif. Cartridge case trimmer. 2,406,170; Aug. 20.
Smirko, John, Washington, D. C., assignor, by mesne assignments, to The B. F. Goodrich Company, Akron, Ohio. Line pressure valve. 2,410,132; Oct. 29.
Smit, J. K., & Sons, Inc., assignee: *See*—
Hoagberg, Sven Y.
Lindquist, O. V.
Smith, A. O., Corporation, assignee: *See*—
Carstens, Fritz A.
Crawford, William E.
Harlamoff, Anatol J.
Hart, Edward.
Heath, William C.
Higgins, Waldo W.
Koppel, Ernst R.
Malke, Sven.
Martin, Wesley G.
Paalu, Alex.
Schmitz, Henry A., Jr.
Sherman, Donald W.
Thiele, Theodore H.
Tiedemann, Julius B.
Westin, Sven.
Westin, Sven, and A.
Yost, Lloyd.
Smith, Albert F., Westwood Manor, Wilmington, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Racket string. 2,401,291; May 28.
Smith, Albert F., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydrolyzed vinyl ester interpolymer fibers. 2,403,464; July 9.
Smith, Albert H., South Gate, Calif. Electrode holder. 2,393,830; Jan. 29.
Smith, Albert K., assignee: *See*—
Prutton, Carl F.
Smith, Albert M., La Grange, R. W. Smith, Chicago, and A. H. Zeigler, Evanston, assignors to Armour and Company, Chicago, Ill. Machine for manufacturing hair pads. 2,398,163; Apr. 9.
Smith, Alexander, & Sons Carpet Company, assignee: *See*—
Linscott, Leroy N.
Smith, Alfred A., Dunsmuir, Calif. Railway track heater. 2,413,388; Dec. 31.
Smith, Algernon L., Birmingham, Ala., assignor to Continental Gin Company. Pneumatic material handling and drying apparatus. 2,401,438; June 4.
Smith, Algernon L., Birmingham, Ala., assignor to Continental Gin Company. Cotton cleaner. 2,401,439; June 4.
Smith, Alvin J., assignor to Pacific Enterprise Products Co., Los Angeles, Calif. Starting control circuit for engines. 2,400,216; May 14.
Smith, Apollo M. O., Bell, assignor to Aerojet Engineering Corporation, Azusa, Calif. Reaction motor. 2,407,852; Sept. 17.
Smith, Archibald D., Jr., Amityville, assignor to Federal Telephone and Radio Corporation, New York, N. Y. Radio receiving apparatus. 2,404,408; July 23.
Smith, Arthur C., Meriden, Conn. Electrical connector. 2,393,481; Jan. 22.
Smith, Arthur D., assignor to Barium Steel Corporation, Canton, Ohio. Ice cube manufacturing apparatus. 2,403,406; July 2.
Smith, Arthur D., assignor to Barium Steel Corporation, Canton, Ohio. Ice manufacture. 2,405,272; Aug. 6.
Smith, Arthur D., assignor to Barium Steel Corporation, Canton, Ohio. Ice manufacturing apparatus. 2,405,278; Aug. 6.
Smith, Arthur D., Park Ridge, assignor to Jenkins Petroleum Process Company, Chicago, Ill. Hydrocarbon cracking process with successive additions of adsorbent. 2,408,584; Oct. 1.
Smith, Arthur E., Los Angeles, Calif. Syringe. 2,392,196; Jan. 1.
Smith, Arthur Z., Wading River, N. Y., assignor to Radio Corporation of America. Periodic momentary switch. 2,404,001; July 16.
Smith, Benjamin A., Rocky River, assignor to The C. O. Bartlett & Snow Company, Cleveland, Ohio. Retort charging and discharging device. 2,402,457; June 18.
Smith, Birt Z., Klamath Falls, Oreg. Combination cigarette holder and ash tray. 2,400,647; May 21.
Smith, Blanchard D., assignor to Scripto Manufacturing Company, Atlanta, Ga. Computing machine. 2,397,166; Mar. 26.
Smith, Blanchard D., assignor to Scripto Manufacturing Company, Atlanta, Ga. Mechanical pencil. 2,406,171; Aug. 20.
Smith, Bruce: *See*—
Hall, Theodore P., and Smith.
Smith, Burton H., assignor to Hawley Smith Machinery Company, Croton Falls, N. Y. Blank cartridge firing device for cannons, guns, etc. 2,396,896; Mar. 19.
Smith, Carl H., Jr., Arlington, Va., and M. L. Kuder, Washington, D. C. Selector circuit. 2,409,229; Oct. 15.
Smith, Carlos B., and H. L. Bullock, New York, N. Y. Scrubbing tower or column. 2,392,705; Jan. 8.
Smith, Charles C., Cranford, and D. V. Waters, Flemington, N. J., assignors to Western Electric Company, Incorporated. Carrier structure. 2,409,518; Oct. 15.
Smith, Charles F. J., and L. R. Bottom, Broken Hill, New South Wales, Australia. Mechanical ramp loading device. 2,392,557; Jan. 8.
Smith, Charles G., Medford, assignor to Raytheon Manufacturing Company, Newton, Mass. Electrical gaseous discharge lamp. 2,404,002; July 16.
Smith, Charles H., and E. G. Longman, Chelmsford, England, assignors to Norma Hoffmann Bearings Corporation, Stamford, Conn. Cage for ball bearings. 2,407,388; Sept. 10.
Smith, Charles V., Worcester, Mass., assignor to The Univis Lens Company, Dayton, Ohio. Molding apparatus. 2,394,941; Feb. 12.
Smith, Charles W., Sharon, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Timer. 2,411,393; Nov. 19.
Smith, Clarence C.: *See*—
Sauer, George, Schweda, and Smith.
Smith, Clifford E., assignee: *See*—
Brock, Frank H., and Smith.
Smith, Clyde E., assignor to The Taylor-Winfield Corporation, Warren, Ohio. Control of flash welding. 2,412,067; Dec. 3.
Smith, Clyde J., assignee, et al.: *See*—
Wemp, Ernest E.
Smith, Dallas M., Kirkwood, assignor to McQuay-Norris Manufacturing Company, St. Louis, Mo. Piston packing. 2,402,783; June 25.
Smith, David M., Stretford, Manchester, assignor to Metropolitan-Vickers Electrical Company Limited, London, England. Internal-combustion turbine plant. 2,397,815; Apr. 2.
Smith, Delmas A.: *See*—
Dutson, Keith J. F., Jr., and Smith.
Smith, Delos G., assignee, et al.: *See*—
Wilson, James E.
Smith, Donald L., Dunellen, N. J., assignor to Air Reduction Company, Incorporated. Billet nicking machine. 2,413,117; Dec. 24.

Smith, Donald L. J., Long Beach, and C. Judels, Hollywood, Calif. Venetian blind. 2,393,819; Jan. 29.
Smith, Donald W., Bergenfield, assignor to Bendix Aviation Corporation, Bendix, N. J. Caging mechanism for gyros. 2,393,124; Jan. 15.
Smith, Earl W., Syracuse, assignor to The Solvay Process Company, New York, N. Y. Compositions containing active chlorine. 2,393,716; Jan. 29.
Smith, Edgar C., Chicago, Ill. Sectional thermos food container. 2,405,764; Aug. 13.
Smith, Edward M.: *See*—
Kinkead, Fullerton S., Melhuish, Singer, and Smith.
Smith, Edward M., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Permutation code data transmission system. 2,405,618; Aug. 13.
Smith, Edward N., Scottsbluff, Nebr. Flashing structure for roofs. 2,413,588; Dec. 31.
Smith, Edward W., Melrose, Mass. Communication in pipe line. 2,407,299; Sept. 10.
Smith, Edward W., Melrose, assignor, by mesne assignments, to Submarine Signal Company, Boston, Mass. Communication in pipe lines. 2,406,859; Sept. 3.
Smith, Edwin G., Mount Lebanon, Pa., assignor, by mesne assignments, to Union Industries, Incorporated, Grantsville, Md. Method and apparatus for supplying pulverized coal and air to furnaces. 2,409,002; Oct. 8.
Smith, Elgene A.: *See*—
Weiser, Harry B., Smith, and Mackay.
Smith, Elizabeth E.: *See*—
Smith, Herbert N. and E. E.
Smith, Elmer: *See*—
Davies, Aaron, and Smith.
Smith Engineering Works, assignee: *See*—
Rumpel, Harvey H.
Smith, Eric H., assignor to Riley Stoker Corporation, Worcester, Mass. Underfeed stoker. 2,392,340; Jan. 8
Smith, Ernest, assignor to Appleford Paper Products, Ltd., Hamilton, Ontario, Canada. Dispensing container for roll paper. 2,405,459; Aug. 6.
Smith, Floyd, assignor to Pioneer Parachute Company, Inc., Manchester, Conn. Stabilized parachute construction. 2,392,270; Jan. 1.
Smith, Floyd, assignor to Pioneer Parachute Company, Inc., Manchester, Conn. Quick release harness. 2,402,264; June 18.
Smith, Floyd, assignor to Pioneer Parachute Company, Inc., Manchester, Conn. Quick opening parachute. 2,403,832; July 9.
Smith, Frank, Huddersfield, England. Liquid delivery apparatus. 2,405,375; Aug. 6.
Smith, Frank E.: *See*—
Wirshing, Ralph J., and Smith.
Smith, Frank M., Dearborn, assignor, by mesne assignments, to W. B. Stout and W. S. Fisher, Pontiac, Mich., co-partners doing business as Stout Engineering Laboratories. Building with folding walls. 2,395,691; Feb. 26.
Smith, Franklin S., Bethany, Conn. Method and apparatus for the treatment of flour and the like. 2,391,929; Jan. 1.
Smith, Fred A., Newport Beach, Calif., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Definite-length adhesive tape dispenser. 2,407,300; Sept. 10.
Smith, Fred J., and J. Isaac, Sault Ste. Marie, Mich. Internal-combustion turbine. 2,409,909; Oct. 22.
Smith, Frederick G., assignor to Research Consultants Limited, Toronto, Ontario, Canada. Temperature sensitive resistor. 2,407,750; Sept. 17.
Smith, G. Tucker, assignee, et al., trustee: *See*—
Ingres, Jeannot G.
Smith, Gail P., assignor to Corning Glass Works, Corning, N. Y. Electrical condenser. 2,405,529; Aug. 6.
Smith, George A., assignor to Sperry-Sun Well Surveying Company, Philadelphia, Pa. Well surveying instrument. 2,413,005; Dec. 24.
Smith, George H., Houlton, Maine. Portable electric hoist for truck mounting. 2,395,201; Feb. 19.
Smith, George H., Kenmore, N. Y., assignor to The Linde Air Products Company. Apparatus and method for filling gas storage cylinders. 2,411,235; Nov. 19.
Smith, Gilbert, Fayetteville, W. Va. Self-dumping pan. 2,410,754; Nov. 5.
Smith, Glen A., assignor to General Motors Corporation, Detroit, Mich. Door seal. 2,405,460; Aug. 6.
Smith, Grover C., Chicago, Ill. Fountain pen. 2,401,711; June 4.
Smith, H. P., Paper Company, assignee: *See*—
Burgess, Lothian M., and Abson.
Massey, Peter J., and Burgess.
Smith, Hannah M., assignee: *See*—
Keen, Thomas A.
Smith, Harold E.: *See*—
Jacobson, Irving, and Smith.
Smith, Harold L., assignor to The Louis Allis Company, Milwaukee, Wis. Totally enclosed dynamoelectric machine. 2,413,525; Dec. 31.
Smith, Harry P., Iowa City, Iowa, assignor to Parke, Davis & Company, Detroit, Mich. Blood coagulating product and obtaining same. 2,398,077; Apr. 9.
Smith, Harry P., Iowa City, Iowa, assignor to Parke, Davis & Company, Detroit, Mich. Thromboplastin product and preparation of same. 2,408,535; Oct. 1.
Smith, Harry P., Iowa City, Iowa, assignor to Parke, Davis & Company, Detroit, Mich. Prothrombin product and preparation of same. 2,408,536; Oct. 1.
Smith, Harry P., and W. H. Seegers, Iowa City, Iowa, assignors to Parke, Davis & Company, Detroit, Mich. Obtaining products derived from blood. 2,394,566; Feb. 12.
Smith, Hawley, Machinery Company, assignee: *See*—
Smith, Burton H.
Smith, Henry J., Detroit, Mich. Silencer for drains. 2,405,241; Aug. 6.
Smith, Herbert N. and E. E., Daventry, England. Production of knitting. 2,403,766; July 9.
Smith, Herschel G., Wallingford, and T. L. Cantrell, Lansdowne, assignors to Gulf Oil Corporation, Pittsburgh, Pa. Mineral oil compositions and methods of suppressing foaming in oils. 2,397,377; Mar. 26.
Smith, Herschel G., Wallingford, and T. L. Cantrell, Lansdowne, assignors to Gulf Oil Corporation, Pittsburgh, Pa. Mineral oil compositions and methods of suppressing foaming in oils. 2,397,378; Mar. 26.
Smith, Herschel G., Wallingford, and T. L. Cantrell, Lansdowne, assignors to Gulf Oil Corporation, Pittsburgh, Pa. Mineral oil composition resistant to foaming. 2,397,379; Mar. 26.
Smith, Herschel G., Wallingford, and T. L. Cantrell, Lansdowne, assignors to Gulf Oil Corporation, Pittsburgh, Pa. Mineral oil composition resistant to foaming. 2,397,380; Mar. 26.
Smith, Herschel G., Wallingford, and T. L. Cantrell, Lansdowne, assignors to Gulf Oil Corporation, Pittsburgh, Pa. Mineral oil compositions and methods of suppressing foaming in oils. 2,397,381; Mar. 26.
Smith, Herschel G., Wallingford, and T. L. Cantrell, Lansdowne, assignors to Gulf Oil Corporation, Pittsburgh, Pa. Agent for mineral oils and mineral oil composition containing the same. 2,397,702; Apr. 2.
Smith, Herschel G., Wallingford, T. L. Cantrell, Lansdowne, Pa., and J. G. Peters, Audubon, N. J., assignors to Gulf Oil Corporation, Pittsburgh, Pa. Turbine oils. 2,400,611; May 21.
Smith, Herschel G., Wallingford, and T. L. Cantrell, Lansdowne, assignors to Gulf Oil Corporation, Pittsburgh, Pa. Fatty amine salts of acid phosphate diesters. 2,403,762; July 9.
Smith, Herschel G., Wallingford, and T. L. Cantrell, Lansdowne, assignors to Gulf Oil Corporation, Pittsburgh, Pa. Di-cyclohexyl amine salt of acid phosphate di-esters. 2,403,763; July 9.
Smith, Herschel G., Wallingford, and T. L. Cantrell, Lansdowne, assignors to Gulf Oil Corporation, Pittsburgh, Pa. Mineral oil composition. 2,403,764; July 9.
Smith, Herschel G., Wallingford, and T. L. Cantrell, Lansdowne, assignors to Gulf Oil Corporation, Pittsburgh, Pa. Mineral oil composition. 2,403,765; July 9.
Smith, Herschel G., Wallingford, T. L. Cantrell, Lansdowne, Pa., and J. G. Peters, Audubon, N. J., assignors to Gulf Oil Corporation, Pittsburgh, Pa. Oil compositions. 2,408,102; Sept. 24.
Smith, Herschel G., Wallingford, T. L. Cantrell, Lansdowne, Pa., and J. G. Peters, Audubon, N. J., assignors to Gulf Oil Corporation, Pittsburgh, Pa. Mineral oil composition. 2,408,103; Sept. 24.
Smith, Herschel G., Wallingford, and T. L. Cantrell, Lansdowne, assignors to Gulf Oil Corporation, Pittsburgh, Pa. Chemical compounds and processes. 2,408,232; Sept. 24.
Smith, Herschel G., Wallingford, and T. L. Cantrell, Lansdowne, assignors to Gulf Oil Corporation, Pittsburgh, Pa. Mineral oil composition resistant to foaming. 2,411,671; Nov. 26.
Smith, Hinsdale, Jr., Suffield, Conn. Film processing apparatus. 2,402,458; June 18.
Smith, Horace L., Jr., W. E. Conley, Jr., and W. L. Atwood, Richmond, Va., assignors, by mesne assignments, to Chain Belt Company, Milwaukee, Wis. Treating tomato juice. 2,392,197; Jan. 1.
Smith, Howard, Paper Mills Limited, assignee: *See*—
Spencer, Harry S.
Tomlinson, G. H. and G. H., Jr.
West, Douglas L.
Smith, Iris M., assignor of one-half to C. W. Healy, Detroit, Mich. Fluorescent light tube changer. 2,392,865; Jan. 15.
Smith, J. Ernest, Jackson Heights, N. Y., assignor to Radio Corporation of America. Secret telephony. 2,401,889; June 11.
Smith, J. Ernest, Brooklyn, N. Y., assignor to Radio Corporation of America. Radio repeater. 2,405,765; Aug. 13.
Smith, J. Ernest, Jackson Heights, and E. R. Shenk, Brooklyn, N. Y., assignors to Radio Corporation of America. Electronic switch. 2,396,395; Mar. 12.
Smith, James E., assignee: *See*—
Shenk, Eugene R., and Smith.
Smith, James E., Jackson Heights, N. Y., assignor to Radio Corporation of America. Cryptographic communications system. 2,401,888; June 11.
Smith, James M., Jr.: *See*—
Parker, Robert P., and Smith.

Smith, Jasper A., Oakwood, assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,410,310; Oct. 29.

Smith, Jasper A., Oakwood, assignor to General Motors Corporation, Dayton, Ohio. Spacing and positioning device for refrigerating apparatus. 2,412,756; Dec. 17.

Smith, Jesse C., Merrick, N. Y., assignor to MacGregor Instrument Company, Needham, Mass. Fabricated glass article and method. 2,392,104; Jan. 1.

Smith, Jesse W., Cobleskill, N. Y. Laying, forming and interconnecting concrete blocks. 2,408,585; Oct. 1.

Smith, John F. D.: *See*—
Hart, Fred V., Smith, and Linderoth.

Smith, John F.: *See*—
Dawson, Fred, and Smith.

Smith, John G., Brunswick, Ga. Racking apparatus. 2,410,247; Oct. 29.

Smith, John H., assignee: *See*—
Bardwell, Ralph F., and Smith.

Smith, John K.: *See*—
Baumgartner, Robert M., and Smith.

Smith, John P.: *See*—
Holmes, Ralph S., and Smith.

Smith, John P., Cranbury, N. J., assignor to Radio Corporation of America. Multiplex control system. 2,403,561; July 9.

Smith, John P., Cranbury, N. J., assignor to Radio Corporation of America. Recorder for radar systems. 2,403,562; July 9.

Smith, John P., Cranbury, N. J., assignor to Radio Corporation of America. Measuring system. 2,410,755; Nov. 5.

Smith, John P., Cranbury, N. J., assignor to Radio Corporation of America. Keying circuit. 2,411,598; Nov. 26.

Smith, John P., Erlton, N. J., assignor to Radio Corporation of America. Radio pulse indicator. 2,406,970; Sept. 3.

Smith, John R., Cleveland, Ohio. Tool holding means for automatic screw machines. 2,412,757; Dec. 17.

Smith, John S., Ramsey, assignor to Botany Worsted Mills, Passaic, N. J. Yarn cutting thimble. 2,392,885; Jan. 15.

Smith, John S., Ramsey, N. J., assignor to Botany Worsted Mills, Passaic, N. J. Textile comb-needle assembly. 2,404,755; July 23.

Smith, Joseph B., Elida, assignor to The Standard Oil Company, Cleveland, Ohio. Pump control. 2,403,688; July 9.

Smith, Joseph E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of stable dispersions of alkyl alkacrylate polymers. 2,407,107; Sept. 3.

Smith, Joseph E., and P. J. Mitchell, Jr., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Water repellent composition and preparing the same. 2,402,351; June 18.

Smith, Joseph E., and W. A. Drummond, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Aqueous dispersions of vinyl-acetate polymers. 2,413,197; Dec. 24.

Smith, Joseph F., Bloomington, Ill. Fence post. 2,401,978; June 11.

Smith, Joseph L., Chicago, Ill. Clock. 2,411,597; Nov. 26.

Smith, Julius L., Jacksonville, Fla. Centrifugal pump primer. 2,412,839; Dec. 17.

Smith, Justice E., Detroit, Mich. Locking device. 2,397,382; Mar. 26.

Smith, Kave A., Overland, assignor to Lincoln Engineering Company, St. Louis, Mo. Piston. 2,408,346; Sept. 24.

Smith, Kenna L., Pascagoula, Miss. Insect exterminator. 2,412,181; Dec. 3.

Smith, Kline & French Laboratories, assignee: *See*—
Burger, Alfred.
Nabenhauer, Fred P.

Smith, L. B., Incorporated, assignee: *See*—
Smith, Luther B.

Smith, L. C., & Corona Typewriters, Inc., assignee: *See*—
Bradt, Charles H.

Smith, Laurence M.: *See*—
Brookman, Ernest F., and Smith.

Smith, Lawrence W., assignor to Timber Engineering Company, Washington, D. C. Device for indicating the slope of grain of structural lumber. 2,398,972; Apr. 23.

Smith, Lawson A., assignor to R. H. Clark, Los Angeles, Calif. Cutting tool. 2,401,979; June 11.

Smith, Lawson A., assignor to R. H. Clark, Los Angeles, Calif. Fly cutter. 2,406,442; Aug. 27.

Smith, Lawson A., assignor to R. H. Clark, Los Angeles, Calif. Hole cutting tool. 2,411,697; Nov. 26.

Smith, Leah K., assignee, et al.: *See*—
Wemp, Ernest E.

Smith, Leathem D., Shipbuilding Co., assignee: *See*—
Maples, John A.

Smith, Lee I., assignor to Regents of the University of Minnesota, Minneapolis, Minn. Producing tocopherol-like compounds. 2,397,212; Mar. 26.

Smith, Lee I., Minneapolis, Minn., and W. B. Renfrow, Jr., Charlotte, N. C., assignors to Regents of the University of Minnesota, Minneapolis, Minn. Preparing chemical products. 2,407,726; Sept. 17.

Smith, Lee I., Minneapolis, Minn., and H. E. Ungnade, Columbia, Mo., assignors to Regents of the University of Minnesota, Minneapolis, Minn. Chemical processes. 2,411,942; Dec. 3.

Smith, Lester C., West Hartford, assignor to The Spencer Turbine Company, Hartford, Conn. Damper indicator. 2,393,482; Jan. 22.

Smith, Lester C., Westmont, N. J., assignor to Radio Corporation of America. Deflection circuits. 2,412,542; Dec. 10.

Smith, Lewis E.: *See*—
Kaupke, Lee H., and Smith.

Smith, Lewis E., Congress Park, Ill., assignor to International Harvester Company. Planter. 2,395,350; Feb. 19.

Smith, Lloyd E.: *See*—
Bowen, Charles V., and Smith.

Smith, Lloyd P., Princeton, N. J., assignor to Radio Corporation of America. Electron discharge device. 2,413,251; Dec. 24.

Smith, Luther A., Birmingham, Ala. Ball impelling device. 2,399,711; May 7.

Smith, Luther B., assignor to L. B. Smith Incorporated, Camp Hill, Pa. Roller. 2,407,965; Sept. 17.

Smith, Marion F., and H. W. Greider, Wyoming, Ohio, assignors to The Philip Gary Manufacturing Company. Asbestos sheet material. 2,407,581; Sept. 10.

Smith, Marvin A.: *See*—
Webb, Glenn M., and Smith.

Smith, Marvin M., and C. O. Fields, Muncie, and E. N. Kemler, West La Fayette, assignors to Muncie Gear Works, Inc., Muncie, Ind. Heat pump. 2,401,890; June 11.

Smith, Melvin L., Kane, Pa. Manufacture of piezoelectric elements. 2,392,271; Jan. 1.

Smith, Michael F., Los Angeles, Calif. Garment hanger attachment. 2,408,697; Oct. 1.

Smith, Michael J., Morristown, N. J. Lock valve. 2,399,578; Apr. 30.

Smith, Minton L., Savannah, Ga. Kidney catheter. 2,393,002; Jan. 15.

Smith, Minton L., Savannah, Ga. Kidney catheter. 2,393,003; Jan. 15.

Smith, Morris W.: *See*—
McGill, Chester T., Wessel, and Smith.

Smith, Neil C., Minneapolis, Minn. Protractor. 2,399,579; Apr. 30.

Smith, Neil C., Minneapolis, Minn. Protractor. 2,412,100; Dec. 3.

Smith, Niel C., assignee: *See*—
Gieske, Joseph H.

Smith, Norman H., Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Knitting machine and knitting. 2,408,698; Oct. 1.

Smith, Oliver R., Fort Worth, Tex. Apparatus for cleaning pipe and the like. 2,412,758; Dec. 17.

Smith, Omar H., West Englewood, N. J., assignor to United States Rubber Company, New York, N. Y. Bonding surfaces. 2,392,618; Jan. 8.

Smith, Omar H., West Englewood, N. J., assignor to United States Rubber Company, New York, N. Y. Adhesive compositions. 2,397,627; Apr. 2.

Smith, Oris J., Cleveland, Ohio, assignor to Air Reduction Company, Incorporated, New York, N. Y. Quick-action gas valve. 2,412,479; Dec. 10.

Smith, Paul E., Jr.: *See*—
Fouger, John H., and Smith.

Smith, Paul L.: *See*—
William, Lewis E., Jr., and Smith.

Smith, Perry C., Moorestown, N. J., assignor to Radio Corporation of America. Art of ascertaining the atomic structure of materials. 2,408,487; Oct. 1.

Smith, Peter P., Teaneck, N. J. System for the protection of vessels against attack of torpedoes. 2,395,944; Mar. 5.

Smith, Philip C.: *See*—
Kilgore, Lee A., and Smith.

Smith, Ralph W., Detroit, assignor to Flint Machinery Company, Flint, Mich. Capsule filling device. 2,412,637; Dec. 17.

Smith, Raymond: *See*—
Wyche, Ernest H.

Smith, Richard E., Cleveland Heights, Ohio, assignor to General Electric Company. Diffusing projector lamp. 2,394,495; Feb. 5.

Smith, Richard E., Wichita, Kans. Transparent lid and integral lens. 2,413,252; Dec. 24.

Smith, Richard G., Amsterdam, N. Y. Turn-tilt unloading toy railway car. Re. 22,817; Dec. 10.

Smith, Robert A., Ridley Park, Pa., assignor to American Viscose Corporation, Wilmington, Del. Production of staple fiber. 2,407,109; Sept. 3.

Smith, Robert B.: *See*—
La Hatte, James A., and Smith.

Smith, Robert F., assignor to General Motors Corporation, Detroit, Mich. Door lock. 2,411,941; Dec. 3.

Smith, Robert W.: *See*—
Smith, Albert M. and R. W., and Zeigler.

Smith, Robley H., The Dalles, Oreg. Sandpaper holder. 2,404,105; July 16.

Smith, Roland L., Belmont, Mass. Exposure timing mechanism. 2,407,800; Sept. 17.

Smith, Ronald B., East Orange, N. J. Submarine and ship detector using reflected radio waves. 2,402,459; June 18.

Smith, Roscoe B., Wilmington, Del., and M. W. Latimer, Joplin, Mo., assignors to Hercules Powder Company, Wilmington, Del. Producing threaded spiral tubes. 2,405,909; Aug. 13.

Smith, Roy D., Mertzon, Tex., assignor to Bee-Line Company, Scott County, Iowa. Gauging vehicle frames. 2,401,980; June 11.

Smith, Roy M., Bethlehem, Pa., assignor to The Bryant Electric Company, Bridgeport, Conn. Electric discharge apparatus. 2,403,130; July 2.

Smith, Russell J., Richmond Heights, Mo. Tire for airplane wheels. 2,403,309; July 2.

Smith, S., & Sons, assignee: *See*—
Meredith, Frederick W.

Smith, S., & Sons Limited (England), assignee: *See*—
Klepp, Edwin C.

Smith, Samuel A., Hyattsville, Md. Ice creeper. 2,401,891; June 11.

Smith, Sidney R., Jr., Pittsfield, Mass., assignor to General Electric Company. Electric circuit breaker. Re. 22,744; Apr. 9.

Smith, Sidney R., Jr., Pittsfield, Mass., assignor to General Electric Company. Excess voltage protective device. 2,401,586; June 4.

Smith, Silas P., Jr.: *See*—
Murray, Irvin L., Marsh, and Smith.

Smith, Stanley, and W. H. Cockerill, assignors to E. M. B. Company Limited, West Bromwich, England. Pressure intensifying mechanism. 2,396,539; Mar. 12.

Smith, Stanley J., assignor to Simmonds Aerocessories Limited, London, W. C. 2, England. Moving-coil electrical instrument. 2,409,963; Oct. 22.

Smith, Stanley J., assignor to Simmonds Aerocessories Limited, London, England. Additive multirange electronic measuring instrument. 2,413,389; Dec. 31.

Smith, Sydney H.: *See*—
Shakeshy, Leonard, and Smith.
Shakeshy, Leonard, Sutherland, and Smith.

Smith, Sydney H., Manchester, England, assignor to Imperial Chemical Industries Limited. Screw-threaded closure device. 2,408,233; Sept. 24.

Smith, T. L., Company, The, assignee: *See*—
Draeger, Lloyd H.
Flynn, Benjamin H.

Smith, Temple C., and H. D. Brown, Westfield, N. J., assignors to American Telephone and Telegraph Company. Power-driven wire reel mechanism. 2,401,518; June 4.

Smith, Thomas R., assignor to The Maytag Company, Newton, Iowa. Gate valve construction. 2,401,377; June 4.

Smith, Thomas R., assignor to The Maytag Company, Newton, Iowa. Hydraulic transfer tube for strut mechanism. 2,401,378; June 4.

Smith, Thomas R., assignor to The Maytag Company, Newton, Iowa. Spring loaded seal for shafts and bearings. 2,401,379; June 4.

Smith, Thomas R., assignor to The Maytag Company, Newton, Iowa. Valve seat seal for faucets. 2,403,028; July 2.

Smith, Thomas R., assignor to The Maytag Company, Newton, Iowa. High-pressure valve constructoin. 2,403,029; July 2.

Smith, Thomas R., assignor to The Maytag Company, Newton, Iowa. Container. 2,404,409; July 23.

Smith, Thomas R., assignor to The Maytag Company, Newton, Iowa. Bottle cap. 2,404,410; July 23.

Smith, Thomas R., assignor to The Maytag Company, Newton, Iowa. Hydraulic valve construction. 2,408,006; Sept. 24.

Smith, Verne R., Amorita, Okla. Elevator. 2,395,075; Feb. 19.

Smith, Walter H., Eureka, Ill. Chain link tool. 2,397,513; Apr. 2.

Smith, Walter H., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Regulating apparatus. 2,397,213; Mar. 26.

Smith, Ward C., assignor to Stout Houses, Incorporated, Detroit, Mich. Floor structure. 2,401,587; June 4.

Smith, Ward C., assignor to Stout Houses, Incorporated, Detroit, Mich. Building structure. 2,401,588; June 4.

Smith, Ward C., assignor to Stout Houses, Incorporated, Detroit, Mich. Portable building structure. 2,401,589; June 4.

Smith, Ward C., assignor to Stont Houses, Incorporated, Detroit, Mich. Portable building structure. 2,401,590; June 4.

Smith, Warren M.: *See*—
Wasson, Jones I.

Smith, Watt V.: *See*—
Kanter, Jerome J., and Smith.

Smith, William A., Bronxville, assignor to F. N. Burt Company, Inc., Buffalo, N. Y. Laminated container closure. 2,403,131; July 2.

Smith, William A. and W. W., Bronxville, assignors to F. N. Burt Company, Inc., Buffalo, N. Y. Dispensing means for containers. 2,394,942; Feb. 12.

Smith, William E., Siler City, N. C. Self-feeder for hay balers. 2,394,336; Feb. 5.

Smith, William F., and R. E. Stauffer, assignors to Eastman Kodak Company, Rochester, N. Y. Improving the sensitivity characteristics of emulsions. 2,410,690; Nov. 5.

Smith, William H., East Molesey, England. Ammunition. 2,399,398; Apr. 30.

Smith, William H., Des Moines, Iowa. Radiator control device. 2,401,025; May 28.

Smith, William H., Evanston, Ill. Bearing servicing equipment. 2,408,958; Oct. 8.

Smith, William I., Perrysburg, assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Awning. 2,396,026; Mar. 5.

Smith, William O.: *See*—
Nelson, Reuban A., and Smith.

Smith, William R., Port Arthur, Tex., and A. R. Goldsby, Beacon, assignors to The Texas Company, New York, N. Y. Preparing branch chain hydrocarbons. 2,398,563; Apr. 16.

Smith, William W.: *See*—
Riggs, Harold C., and Smith.
Smith, William A., and Smith.

Smith, William W., Philadelphia, Pa., assignor to The Electric Storage Battery Company. Storage battery. 2,409,964; Oct. 22.

Smith, Wilson T., Los Angeles, Calif. Well pump. 2,404,930; July 30.

Smith, Winthrope C., Elizabeth, N. J., assignor to Standard Oil Development Company. Composition of matter. 2,396,293; Mar. 12.

Smith, Wolcott M., Springfield, Mass. Power supply regulating apparatus. 2,407,853; Sept. 17.

Smithback, Howard J., Madison, Wis., assignor to Ray-O-Vac Company. Top closure for leakproof dry cells. 2,402,784; June 25.

Smithells, Colin J.: *See*—
Hopps, Bernard, and Smithells.

Smithells, Colin J., Rugby, England, assignor, by mesne assignments, to Baker and Co., Inc., Newark, N. J. Platinum or allied metals, or their alloys, and articles made therefrom. 2,406,172; Aug. 20.

Smithfield and Argentine Meat Company Limited, The, assignee: *See*—
Brewster, James A., and Fernandez.

Smoker, Edward H., Drexel Hill, Pa., assignor to The United Gas Improvement Company. Decolorizing light oil fractions by selective hydrogenation. 2,399,514; Apr. 30.

Smoker, Isaac Z., Intercourse, Pa. Bale loader. 2,397,570; Apr. 2.

Smolak, George, Somerville, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Manufacture of dielectric shapes. 2,407,520; Sept. 10.

Smucker, Clayton A.: *See*—
White, Erven, and Smucker.

Smulski, Theodore J., Gary, Ind., assignor to Productive Inventions, Inc. Wiper blade connector. 2,399,399; Apr. 30.

Smulski, Theodore J., Gary, Ind., assignor to Productive Inventions, Inc. Windshield wiper. 2,405,910; Aug. 13.

Smyers, John L., assignor to Ajax Industrial Supplies, Inc., Fort Wayne, Ind. Machine for piercing wire drawing die units. 2,412,101; Dec. 3.

Smyth, Charles N., London, England, assignor, by mesne assignments, to International Standard Electric Corporation, New York, N. Y. Frequency control in ultra high frequency circuit. 2,397,701; Apr. 2.

Snavely, Earl R., Roselle, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Air-conditioning control. 2,407,036; Sept. 3.

Snedaker, Albert L., Haddon Heights, N. J. Slide rule. 2,405,720; Aug. 13.

Sneeden, Henry D.: *See*—
Gibbs, Harold L., and Sneeden.

Snell, Foster D., Inc., assignee: *See*—
Snell, Foster D., and Haeseler.

Snell, Foster D., New York, and K. W. Haeseler, Forest Hills, N. Y., assignors to Foster D. Snell, Inc. Composition for cleaning dentures. 2,409,718; Oct. 22.

Snell, Francis A., assignor to Botnick Motor Corporation, Binghamton, N. Y. Wrench. 2,399,454; Apr. 30.

Snell, Howard M.: *See*—
Barton, Warren H., and Snell.

Snell, William E., Vineland, and H. E. Frantz, Jr., and F. A. Hignutt, Millville, N. J.; said Frantz, Jr., and said Hignutt assignors to said Snell. Token. 2,410,845; Nov. 12.

Snelling, Walter L., Park Ridge, Ill. Moistening device. 2,399,400; Apr. 30.

Sneprangers, René, Haddon Heights, N. J., assignor to Radio Corporation of America. Signal translating apparatus. 2,397,888; Apr. 2.

Snetcher, Paul R.: *See*—
Metzger, Claude W., and Snetcher.

Snider, Alva V.: *See*—
Morris, Rupert C., Shokal, and Snider.

Snider, Edward J., Hudson, Iowa. Attachment for vehicle clutch pedals. 2,399,150; Apr. 23.

Snodgrass, James H., Fresno, assignor to H. A. Brockamp, Los Angeles, Calif. Music reproduction system. 2,396,756; Mar. 19.

Snodgrass, Jerry R.: *See*—
Hull, D. C., and Snodgrass.

Snook, Harry N.: *See*—
Hansen, Lloyd D., Harris, Hegeman, and Snook.
Snook, Russell V., Chicago, Ill. Trouser hanger. 2,394,879; Feb. 12.
Snorek, Stanley J., Berwyn, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Broaching tool. 2,394,723; Feb. 12.
Snorek, Stanley J., Berwyn, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Forming meter magnet assemblies. 2,394,724; Feb. 12.
Snow, Donald L., Hempstead, N. Y., assignor to Sperry Gyroscope Company, Inc. Electron discharge apparatus. 2,408,817; Oct. 8.
Snow, Howard, Charlotte, N. C., assignor to Southern Friction Materials Company. Molding press. 2,412,299; Dec. 10.
Snow, Howard, and S. D. Pickard, Charlotte, N. C., assignors to Southern Friction Materials Company. Surface finishing impregnated fabrics. 2,402,689; June 25.
Snow-Nabstedt Gear Corporation, The, assignee: *See*—
Nabstedt, Arthur T.
Snow, Robert D.: *See*—
Frey, Frederick E., and Snow.
Snow, William H., Chicago, Ill. Steering wheel attachment. 2,399,580; Apr. 30.
Snow, William H., Manhattan Beach, and J. D. Brengman, West Los Angeles, assignors to North American Aviation, Inc., Inglewood, Calif. Apparatus for forming flanges. 2,395,692; Feb. 26.
Snowden Chemical Company, assignee: *See*—
Snowden, Ward E., and Raynor.
Snowden, Ward E.: *See*—
Toti, Andrew J., and Snowden.
Snowden, Ward E., and H. F. Raynor, assignors to Snowden Chemical Company, Modesto, Calif. Injection nozzle. 2,413,083; Dec. 24.
Snowman, William D., Pittsfield, Maine. Tool handle remover. 2,402,923; June 25.
Snuggs, John F., assignor to Standard Oil Company, Chicago, Ill. Handling fluent solids. 2,394,814; Feb. 12.
Snyder, Albert W.: *See*—
Piper, Anthony L., and Snyder.
Snyder, Charles A., Louisville, Ky. Portable radial drill apparatus. 2,392,070; Jan. 1.
Snyder, Christopher L., assignee, et al.: *See*—
Snyder, Richard L.
Snyder, Christopher L., Metuchen, N. J., assignor to Steatite Research Corporation. Case hardening hollow metal members. 2,398,809; Apr. 23.
Snyder, Frederick D., Milton, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control system. Re. 22,821; Dec. 17.
Snyder, Frederick D., Milton, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control system. 2,397,214; Mar. 26.
Snyder, Harold H., Mount Lebanon, assignor to Forter Teichmann Company, Pittsburgh, Pa. Shaping of glass tubes. 2,394,115; Feb. 5.
Snyder, Harold H., Mount Lebanon, assignor to Forter-Teichmann Company, Pittsburgh, Pa. Apparatus for drawing elongate glass shapes. 2,402,924; June 25.
Snyder, Harold H., Mount Lebanon, and E. H. Bennett, assignors to Forter–Teichmann Company, Pittsburgh, Pa. Production of reflectors. 2,394,116; Feb. 5.
Snyder, Harold H., Mount Lebanon, and E. H. Bennett, Pittsburgh, assignors to Forter-Teichmann Company, Pittsburgh, Pa. Glass press. 2,398,676; Apr. 16.
Snyder, Harold R., Urbana, Ill., assignor to Merck & Co., Inc., Rahway, N. J. Synthesis of amino acids. 2,397,628; Apr. 2.
Snyder, Henrietta B., assignee, et al.: *See*—
Snyder, Richard L.
Snyder, Jacob R., assignor to Thompson Products, Inc., Cleveland, Ohio. Seal assembly. 2,392,198; Jan. 1.
Snyder, Jacob R., assignor to Thompson Products, Inc., Cleveland, Ohio. Multiple quick disconnect coupling. 2,399,515; Apr. 30.
Snyder, Jacob R., assignor to Thompson Products, Inc., Cleveland, Ohio. Quick disconnect coupling. 2,399,516; Apr. 30.
Snyder, Jacob R., assignor to Thompson Products, Inc., Cleveland, Ohio. Shock absorbing device. 2,404,666; July 23.
Snyder, Jacob R., assignor to Thompson Products, Inc., Cleveland, Ohio. Seal surface. 2,404,816; July 30.
Snyder, Jacob R., Cleveland, and J. F. Norton, Cleveland Heights, assignors to Thompson Products, Inc., Cleveland, Ohio. Aligning and detent means for quick disconnect couplings. 2,403,620; July 9.
Snyder, Leland H., Lincolnwood, Ill., assignor, by mesne assignments, to Continental-United Industries Co., Inc., New York, N. Y. Eccentric-solenoid actuated sieve. 2,412,840; Dec. 17.
Snyder, Leonard L., Montebello, Calif. Automatic anti-backflow valve. 2,392,782; Jan. 8.
Snyder, Lester A., assignee: *See*—
Schriner, Carl A.
Snyder, Purdum M., Ben Avon, assignor to H. H. Robertson Company, Pittsburgh, Pa. Building material. 2,392,272; Jan. 1.
Snyder, Richard L., Jr., assignee, et al.: *See*—
Snyder, Richard L.
Snyder, Richard L., Jr., Princeton, N. J., assignor to Radio Corporation of America. Electronic calculating device. 2,404,106; July 16.
Snyder, Richard L., assignor of one-fourth to H. B. Snyder, Glassboro, one-fourth to R. L. Snyder, Jr., Princeton, and one-fourth to C. L. Snyder, Metuchen, N. J. Rotary internal-combustion engines (alternating piston type). 2,413,589; Dec. 31.
Snyder, Richard L., assignor of one-fourth to H. B. Snyder, Glassboro, one-fourth to R. L. Snyder, Jr., Princeton, and one-fourth to C. L. Snyder, Metuchen, N. J. Arcuate piston. 2,413,590; Dec. 31.
Snyder, Robert E., Pasadena, Calif. Ductile tubing connector. 2,406,478; Aug. 27.
Snyder, Roger M., Norfolk County, Va., assignor to The Union Switch and Signal Company, Swissvale, Pa. Drawbridge interlocking. 2,409,074; Oct. 8.
Snyder, Saylor C.: *See*—
Gat, John D., and Snyder.
Sobek, Paul, Vienna 1, Austria; vested in the Alien Property Custodian. Driving device for rotary piston machines. 2,394,337; Feb. 5.
Soble, Leo F., Jonesville, Mich. Automatic throttle control. 2,402,851; June 25.
Sobotka, Harry, New York, N. Y., assignor to Mount Sinai Hospital Research Foundation, Inc. Medicated surgical dressings. 2,408,818; Oct. 8.
Sochaczewski, Stanislaw, London, England. Wheeled carrier. 2,412,697; Dec. 17.
Société Anonyme Adolphe Saurer, assignee: *See*—
Bolli, Bernhard.
Wiget, Georg.
Societe Anonyme de Gestion et d'Exploitation de Brevets, assignee: *See*—
Leech, Abner Y., Jr., and Mohaupt.
Mohaupt, Henry H.
Societe Anonyme des Manufactures des Glaces & Produits Chimiques de Saint-Gobain, Chauny & Cirey, assignee: *See*—
Gentil, Eugene.
Societe Anonyme Pour La Construction de Materiel Automobile (S. A. C. M. A.), assignee: *See*—
Monnesson, Marcel.
Societe d'Inventions Aeronautiques et Mechaniques S. I. A. M., assignee: *See*—
Levy, René L.
Lucien, René.
Societe Genevoise d'Instruments de Physique, assignee: *See*—
Koulicovitch, Maurice.
Turrettini, Fernand.
Society of Chemical Industry in Basle, assignee: *See*—
Albrecht, Otto, Graenacher, Sallmann, and Rossi.
Anderau, Walter.
Felix, Friedrich, and Heckendorn.
Graenacher, Charles, and Sallmann.
Grossmann, Paul.
Gyr, Josef, and Gunst.
Hanhart, Walter.
Henzi, Ernst.
Holbro, Theodor, Kern, and Sutter.
Kaiser, Otto.
Moser, Eduard.
Schmid, Max, and Moser.
Straub, Fritz, and Brassel.
Straub, Fritz, Brassel, and Mayer.
Socke, John E., Pelham Manor, assignor to American Can Company, New York, N. Y. Forming lever open containers. 2,394,019; Feb. 5.
Socony-Vacuum Oil Company, assignee: *See*—
Evans, Louis P., and Ray.
Francis, Alfred W., and Reid.
Kirkpatrick, James B., Somers, and Sachanen.
O'Kelly, Arlie A., Plucker, and Work.
Reiff, Orland M., and Andress.
Schiller, Harold, and Shapiro.
Socony-Vacuum Oil Company, Inc., assignee: *See*—
Abrams, Armand J.
Abrams, Armand J., and Kuhn.
Badertscher, Darwin E., Berger, and Bishop.
Badertscher, Darwin E., and Bishop.
Berger, Henry G., and Badertscher.
Bishop, John H.
Boedeker, Edward R., and Oblad.
Bolinger, John C., Brumbaugh, and Curtis.
Bolinger, John C., and Prutsman.
Brooks, John W., O'Kelly, and Work.
Burrows, Percy N., and Lockwood.
Caesar, Philip D., and Sachanen.
Danner, Arthur V.
Denton, William I., and Schlesman.
Dunham, George S.
Evans, Louis P.
Evans, Louis P., and Ray.
Fahnestock, Frank C., and Hagerbaumer.
Francis, Alfred W.
Fuller, Everett W., Berger, and Williams.
Giammaria, John J.
Gorin, Everett.
Gorin, Everett, and Oblad.
Gorin, Manuel H.
Gorin, Manuel H. and E., Sharp, and Welinsky.
Gorin, Manuel H., and Swerdloff.

Socony-Vacuum Oil Company, Inc., assignee: *See*—Continued
Hawthorne, Wendell P.
Hayden, Kenneth F., Valas, and Daley.
Horton, Aaron W.
Horton, Aaron W., and Kellett.
Horton, Aaron W., Brooks, and O'Kelly.
Kellett, John, III, Marisic, and O'Kelly.
Kinnear, Reginald A., Chamberlain, McCanne, Falls, and Gordon.
Kuhn, Carl S., Jr.
Lincoln, Bert H., and Byrkit.
Marisic, Milton M.
Marisic, Milton M., and Schmitt.
Meadow, Jacob R.
Meyer, Ronald E.
Meyer, Ronald E., and Otto.
Minton, John P., and Broding.
Noland, Thomas T., and Nygaard.
Nygaard, Edwin M.
Nygaard, Edwin M., McCracken, and Hamilton.
Nygaard, Edwin M., and Noland.
Otto, Ferdinand P.
Otto, Ferdinand P., and Reiff.
Payne, John W., Noll, and Kalichevsky.
Payne, John W., Sargent, and Daley.
Petry, Theodor A., and Holm.
Reiff, Orland M.
Reiff, Orland M., and Andros.
Reiff, Orland M., and Giammaria.
Reiff, Orland M., and Zech.
Petry, Theodor A., and Payne.
Sachanen, Alexander N., O'Kelly, and Myers.
Shimek, Edwin J., and Hemphill.
Shook, Earley M., and Olson.
Simpson, Thomas P., Payne, and Crowley.
Simpson, Thomas P., Payne, and Evans.
Sinclair, Edward L., and Hagerbaumer.
Statham, Thomas R., Koenig, and Caldwell.
Sowerwine, Elbert O., Jr.
Stover, William A.
Watts, Euclid V.
Wingrove, Byron F.
Woodward, Robert E., Hawthorne, and Meadow.
Soday, Frank J., Baton Rouge, La., assignor to The United Gas Improvement Company. 1-hydroxy-3-amino-3-methyl butane. 2,393,483; Jan. 22.
Soday, Frank J., Baton Rouge, La., assignor to The United Gas Improvement Company. Composition of matter, coated article, and making the same. 2,394,816; Feb. 12.
Soday, Frank J., Baton Rouge, La., assignor to The United Gas Improvement Company. Plasticized polystyrene-type resins. 2,400,892; May 28.
Soday, Frank J., Baton Rouge, La., assignor to The United Gas Improvement Company. Chemical process and product. 2,407,689; Sept. 17.
Soday, Frank J., Baton Rouge, La., assignor to The United Gas Improvement Company. Rubber compositions containing indanol esters. 2,411,943; Dec. 3.
Soday, Frank J., Baton Rouge, La., assignor to The United Gas Improvement Company. Purification of indene. 2,413,253; Dec. 24.
Soday, Frank J., Baton Rouge, La., assignor to The United Gas Improvement Company. Refining styrene and methyl styrene. 2,413,255; Dec. 24.
Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvement Company. Isoprene resins and making the same. 2,394,266; Feb. 5.
Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvement Company. Polymerization of heat polymerizable aromatic olefines. 2,394,407; Feb. 5.
Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvement Company. Catalytic polymerization of unsaturated hydrocarbons. 2,394,641; Feb. 12.
Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvement Company. Plasticized composition. 2,394,815; Feb. 12.
Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvement Company. Coating compositions. 2,395,076; Feb. 19.
Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvement Company. Separation of olefins and/or diolefins from hydrocarbon mixtures. 2,395,955; Mar. 5.
Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvement Company. Recovery of unsaturated hydrocarbons from mixtures containing the same. 2,395,956; Mar. 5.
Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvement Company. Purifying pentadiene. 2,395,958; Mar. 5.
Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvement Company. Obtaining butadiene in a more concentrated form. 2,395,959; Mar. 5.
Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvement Company. Chemical process. 2,398,810; Apr. 23.
Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvement Company. Purification of isoprene. 2,398,973; Apr. 23.
Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvement Company. Plasticized chlorinated rubbers. 2,402,189; June 18.
Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvement Company. Detergent composition. 2,404,003; July 16.
Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvement Company. Detergent composition. 2,404,004; July 16.
Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvement Company. Rubber composition. 2,407,183; Sept. 3.
Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvement Company. Resilient insulating batt. 2,407,582; Sept. 10.
Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvement Company. Cellulose derivative composition. 2,412,920; Dec. 17.
Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvement Company. For refining unsaturated hydrocarbon material with an alkali or alkaline earth metal. 2,413,254; Dec. 24.
Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvement Company. Chemical process and product. 2,413,256; Dec. 24.
Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvement Company. Purifying piperylene. 2,413,257; Dec. 24.
Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvement Company. Polystyrene-type resins plasticized with high boiling fatty acid alkyl esters. 2,413,258; Dec. 24.
Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvement Company. Polyacrylic and polymethacrylic resins plasticized with high boiling aromatic oils. 2,413,259; Dec. 24.
Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvement Company. Refining of aromatic hydrocarbons with acid-acting metallic halides. 2,413,260; Dec. 24.
Soderberg, Gustave J., Babylon, N. Y. Fastener. 2,398,603; Apr. 16.
Soderberg, Gustave J., Babylon, N. Y. Connecting means. 2,400,848; May 21.
Soderquist, Leslie E., assignor to The McNeil Machine & Engineering Company, Akron, Ohio. Control apparatus for vulcanizing presses. 2,392,619; Jan. 8.
Sodomka, Joseph E., Racine, Wis. Lithographic press and protecting ink from water. 2,395,151; Feb. 19.
Soenke, John E., assignor to The Glenn L. Martin Company, Baltimore, Md. Gun control device. 2,408,277; Sept. 24.
Soffer, Ernest, Bronx, N. Y. Angle iron brace. 2,400,266; May 14.
Soffis, Nick, Clayton, Mo. Liquid dispensing apparatus. 2,398,727; Apr. 16.
Soher, Le Roy, Englewood, N. J. Internal-combustion engine. 2,398,864; Apr. 23.
Sohn, Abraham, assignee: *See*—
Schloss, Irvin E.
Sohn, Marion E., Seattle, Wash. Navigating device. 2,395,351; Feb. 19.
Sokoloff, Herman, Kansas City, Mo. Broom holder. 2,407,457; Sept. 10.
Solakian, Haig: *See*—
Holden, Artemas F., and Haig.
Solar Aircraft Company, assignee: *See*—
Chronis, Steve.
Collins, Norma C.
Conzelman, John E., Jr.
Jude, Walter E.
Terbaar, Frederick W.
Soldan, Otto, Falkensee, Osthaveland, Germany; vested in the Alien Property Custodian. Microphone. 2,410,528; Nov. 5.
Soldani, Albert, assignor to Hyde Manufacturing Company, Southbridge, Mass. Scraper. 2,392,273; Jan. 1.
Solex Limited, assignee: *See*—
Wattebot, Louis E.
Solinski, Charles A., assignor to The Exhibit Supply Company, Chicago, Ill. Amusement apparatus. 2,393,004; Jan. 15.
Solinsky, Joseph: *See*—
Sklerov, Benjamin and H., and Solinsky.
Solinsky, Robert S., Chicago, Ill. Can. 2,403,030; July 2.
Soliveras, José, Jr., Los Angeles, Calif. Spark plug. 2,399,299; Apr. 30.
Soller, Walter, assignee, et al.: *See*—
Krebs, Richard P.
Soller, Walter, Cincinnati, Ohio, assignor of one-half to W. H. Woodin, Jr., San Mateo, Calif. Balanced amplifier system. 2,392,415; Jan. 8.
Sollinger, Ferdinand P., Paterson, N. J., assignor to Wright Aeronautical Corporation. Variable turbine nozzle. 2,412,365; Dec. 10.
Solomon, Charles, New York, N. Y. Button wing for garment sleeves. 2,410,188; Oct. 29.
Solomon, Charles, New York, N. Y. Removable pad for sport shirts and jackets. 2,413,526; Dec. 31.
Solomon, Charles, New York, N. Y. Removable shoulder pads for shirts. 2,413,527; Dec. 31.

Solomon, Ernest, Nutley, and L. C. Rubin, West Caldwell, assignors to The M. W. Kellogg Company, Jersey City, N. J. Catalyst manufacture. 2,406,477; Aug. 27.

Solomon, Nathan L., Mount Vernon, N. Y. Hair curler. 2,395,945; Mar. 5.

Solomon, Roy W., assignee: *See*—
Vaught, Le Roy.

Solon, Alfred F., Oakland, Calif. Trailer hitch device. 2,409,399; Oct. 15.

Solvay Process Company, assignee: *See*—
Crowder, John A., Kise, and Nesty.
Porter, Frank.
Smith, Earl W.

Solvay Process Company, The, assignee: *See*—
Crowder, John A.
Hicks, William B., and Saunders.
Julien, Arlie P., and Farrell.
Kise, Mearl, A., and Engle.
Nesty, Glenn A., and Klingelhoefer.
Quinn, John, and Horst.
Reynolds, Robert L., and Rice.
Saddington, Arthur W.

Solventol Chemical Products, Inc., assignee: *See*—
Szatyn, Boleslaus J.

Soma, Torger G., Cooperstown, N. Dak. Screw conveyer. 2,393,572; Jan. 22.

Somers, Frank J.: *See*—
Clark, Robert W., and Somers.

Somers, Frank J., Rockville Centre, N. Y., assignor to Radio Corporation of America. Control circuit. 2,402,096; June 11.

Somers, John J.: *See*—
Kirkpatrick, James B., Somers, and Sachanen.

Somervell, Somervell B., assignor to K. P. Schinke, New York, N. Y. Recoil mechanism. 2,404,931; July 30.

Somerville, Albert A., Carmel, assignor to R. T. Vanderbilt Company, Inc., New York, N. Y. Compounding and vulcanization of synthetic rubber. 2,399,945; May 7.

Somerville, Albert A., Carmel, assignor to R. T. Vanderbilt Company, Inc., New York, N. Y. Compounding and vulcanization of synthetic rubber. 2,399,946; May 7.

Somerville, Albert A., Carmel, assignor to R. T. Vanderbilt Company, Inc., New York, N. Y. Compounding and vulcanization of synthetic rubber. 2,399,947; May 7.

Somerville, Albert A., Carmel, assignor to R. T. Vanderbilt Company, Inc., New York, N. Y. Compounding and vulcanization of synthetic rubber. 2,399,948; May 7.

Somerville, Albert A., Carmel, assignor to R. T. Vanderbilt Co. Inc., New York, N. Y. Compounding and vulcanization of synthetic rubber. 2,399,949; May 7.

Somerville, Albert A., Carmel, assignor to R. T. Vanderbilt Company, Inc., New York, N. Y. Compounding and vulcanization of synthetic rubber. 2,400,029; May 7.

Somerville, Albert A., Carmel, assignor to R. T. Vanderbilt Company, Inc., New York, N. Y. Compounding and vulcanization of synthetic rubber. 2,400,057; May 7.

Somerville, Albert A., Carmel, assignor to R. T. Vanderbilt Co., Inc., New York, N. Y. Vulcanization accelerators. 2,401,519; June 4.

Somerville, Gareth G., Pittsfield, Mass., assignor to General Electric Company. Welding apparatus. 2,393,198; Jan. 15.

Somerville, Gareth G., Pittsfield, Mass., assignor to General Electric Company. Welding apparatus. 2,393,199; Jan. 15.

Somerville, William E., Coal City, Ill. Wire stranding machine. 2,398,865; Apr. 23.

Somes, Howard E., Detroit, Mich., assignor to Budd Induction Heating, Inc., Philadelphia, Pa. Heat treating machine. 2,393,484; Jan. 22.

Somes, Howard E., Detroit, Mich., assignor to Budd Induction Heating, Inc., Philadelphia, Pa. Apparatus for heat treating. 2,396,612; Mar. 12.

Somes, Howard E., Detroit, Mich., assignor to Budd Induction Heating, Inc., Philadelphia, Pa. Apparatus for heat treating articles. 2,396,613; Mar. 12.

Somes, Howard E., Detroit, Mich., assignor to Budd Induction Heating, Inc., Philadelphia, Pa. Work handling apparatus. 2,396,614; Mar. 12.

Somes, Howard E., Detroit, Mich., assignor to Budd Induction Heating, Inc., Philadelphia, Pa. Heating head. 2,397,442; Mar. 26.

Somes, Howard E., Detroit, Mich., assignor to Budd Induction Heating, Inc., Philadelphia, Pa. Electrical connector. 2,398,260; Apr. 9.

Somes, Howard E., Detroit, Mich., assignor to Budd Induction Heating, Inc., Philadelphia, Pa. Heat treating apparatus. 2,399,896; May 7.

Somes, Howard E., Detroit, Mich., assignor to Budd Induction Heating, Inc., Philadelphia, Pa. Induction heating head. 2,399,897; May 7.

Somes, Howard E., Detroit, Mich., assignor, by mesne assignments, to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Tubular structural member. 2,405,859; Aug. 13.

Somes, Howard E., Detroit, Mich., assignor, by mesne assignments, to The Budd Company, Philadelphia, Pa. Induction heat-treating apparatus. 2,411,698; Nov. 26.

Somes, Howard E., Detroit, Mich., assignor, by mesne assignments, to The Budd Company, Philadelphia, Pa. Blank for induction heating heads. 2,411,699; Nov. 26.

Sommer, Eric E.: *See*—
Clapsadle, Leo J., Kratzer, and Sommer.

Sommer, Harry J., Lafayette, assignor to Shell Development Company, San Francisco, Calif. Albino asphalt emulsion paint. 2,393,573; Jan. 22.

Sommer, Harry J., Lafayette, assignor to Shell Development Company, San Francisco, Calif. Albino asphalt emulsion paint. 2,393,574; Jan. 22.

Sommer, Kurt, La Grange Park, P. Maca, Hinsdale, E. Edwards, and W. Budig, Chicago, Ill., assignors to said Sommer and said Maca, as trustees. Glass drilling apparatus. 2,413,084; Dec. 24.

Sommerville, Andrew, Pasadena, Calif. Adjustable price mark. 2,401,843; June 11.

Sonin, Frances, and M. H. Siegel, New York, N. Y. Forming fur filled yarn. 2,411,559; Nov. 26.

Sonne, Frederick T., Golf, and V. Sussin, assignors to Chicago Aerial Survey Company, Chicago, Ill. Photographic printer. 2,394,817; Feb. 12.

Sonne, Frederick T., Golf, and V. Sussin, assignors to Chicago Aerial Survey Company, Chicago, Ill. Scanning camera. 2,409,597; Oct. 15.

Sonne, John, Cleveland, Ohio. Mechanical razor. 2,403,407; July 2.

Sonneborn, L., Sons, Inc., assignee: *See*—
Blumer, Manuel.
Faust, Jacob.
Kinsel, Anthony.
Moscowitz, Abraham.

Sonnemann, William K., Roselle Park, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Universal sequence-current relaying means. 2,406,411; Aug. 27.

Sonnenberg, Rudolph, assignor to Mid-West Bottle Cap Co., Belvidere, Ill. Bottle capper. 2,397,297; Mar. 26.

Sonnichsen, Harold M., and R. F. Gager, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Polyvinyl alcohol compositions. 2,399,401; Apr. 30.

Sonotone Corporation, assignee: *See*—
Carlisle, Samuel F., Jr., and Mundel.

Sontag, Samuel, assignee: *See*—
Satz, Frank.

Soper, Donald C., Los Angeles, Calif. Automatic fire extinguisher. 2,397,761; Apr. 2.

Sopp, Richard A., assignor to Rawlings Manufacturing Company, St. Louis, Mo. Machine for everting ball casings and similar articles. 2,394,525; Feb. 5.

Soprounoff, Theodore P., New York, N. Y. Internal-combustion engine. 2,408,890; Oct. 8.

Sorensen, Andrew J., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Transmitting apparatus for remote control systems. 2,395,693; Feb. 26.

Sorensen, Andrew J., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Remote control system. 2,396,134; Mar. 5.

Sorensen, Andrew J., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for selective control and indication systems. 2,409,719; Oct. 22.

Sorensen, Charles E.: *See*—
Ford, Henry, Sorensen, and McCarroll.

Sorensen, Charles E., Detroit, assignor to Ford Motor Company, Dearborn, Mich. Exhaust turbosupercharger. 2,397,816; Apr. 2.

Sorensen, Edward M., Dayton, Ohio. Control system. 2,392,416; Jan. 8.

Sorensen, Edward M., Dayton, Ohio. Speed control system. 2,408,451; Oct. 1.

Sorensen, Edward M., Dayton, Ohio. Radio remote control system. 2,408,819; Oct. 8.

Sorensen, Louis N., Port Clinton, Ohio, assignor to The Celotex Corporation, Chicago, Ill. Perforating gypsum lath. 2,408,488; Oct. 1.

Sorensen, Otto E., Fairfield, Conn. Fixture for holding and measuring work at selective angles. 2,406,043; Aug. 20.

Soreny, Ernest V., New York, N. Y., assignor to Federal Telephone and Radio Corporation, Newark, N. J. Connecting devices and making the same. 2,394,020; Feb. 5.

Sorg, Harold E.: *See*—
Drieschman, Donald F., Sheperd, Rabinawitz, Newhall, and Sorg.

Soria, Alberto M., and R. Celesia, Buenos Aires, Argentina. Card index. 2,402,301; June 18.

Sorkind, Abraham, Brawley, Calif. Fly swatter. 2,394,267; Feb. 5.

Sorrentino, Luis, Buenos Aires, Argentina. Counterweight device for roller curtains. 2,413,471; Dec. 31.

Sorrentino, Vincent, Providence, R. I., assignor to Uncas Manufacturing Company. Key holder. 2,396,615; Mar. 12.

Sorrentino, Thomas, New York, assignor to Oceanic Tank Processing Corporation, Brooklyn, N. Y. Vacuum pumping system. 2,404,869; July 30.

Sossner Steel Stamps, assignee: *See*—
Nachemov, Leonard.

Souche, Fernand C., Oullins, France; vested in the Alien Property Custodian. Automatic line centering and shifting device for typesetting machines. 2,392,558; Jan. 8.

Souden, Alexander G.: *See*—
Ellis, William C., and Souden.

Sound Scriber Corporation, The, assignee: *See*—
Thompson, Lincoln.

Soundscriber Corporation, The, assignee: *See*—
Nakken, Theodore H., and Stone.
Thompson, Lincoln.

Southard, Stanley H., Richmond Hill, N. Y., assignor to Sun Chemical Corporation. Eraser composition. 2,404,322; July 16.

Southeast Aviation, Inc., assignee: *See*—
Barber, Hiram E.

Southerland, Beverly A.: *See*—
Kennedy, Woodford A., and Southerland.

Southern Acid and Sulphur Co., Inc., assignee: *See*—
Nevins, Samuel L., Albertson, and Gilliam.

Southern Friction Materials Company, assignee: *See*—
Snow, Howard.
Snow, Howard, and Pickard.

Southern Mills, Incorporated, assignee: *See*—
Ellis, William D., and Thesmar.

Southern Spring Bed Company, assignee: *See*—
Rocker, William P.

Southern Wood Preserving Company, assignee: *See*—
Deiters, August M.

Southwell, Charles R., San Antonio, Tex. Map and location finding means therefor. 2,411,300; Nov. 19.

Southwest Welding & Mfg. Co., assignee: *See*—
Maloon, Earl B., and Yount.

Southwick, Charles A., Jr., assignor to Shellmar Products Company, Mount Vernon, Ohio. Sheet material and seam construction. 2,395,077; Feb. 19.

Southwick, Charles A., Jr., South Norwalk, Conn., and A. F. Stagmeier, Upper Montclair, N. J., assignors to General Foods Corporation, New York, N. Y. Forming seals. 2,405,675; Aug. 13.

Southworth, Augustus R., assignee: *See*—
Luckhaupt, Christopher.

Southworth, George C., Red Bank, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Microwave radio transmission. 2,405,242; Aug. 6.

Southworth, George C., Red Bank, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave guide electrotherapeutic system. 2,407,690; Sept. 17.

Souza, August N., assignor of one-half to R. A. Souza, Oakland, Calif. Teeter. 2,398,122; Apr. 9.

Souza, Reuben A., assignee: *See*—
Souza, August N.

Sowa, Frank J., Cranford, N. J. Lubricant and lubricating surfaces therewith. 2,406,971; Sept. 3.

Sowa, Frank J., Cranford, N. J. Lubricants. 2,407,037; Sept. 3.

Sowa, Frank J., Cranford, N. J. Solutions of organic mercury compounds. 2,411,815; Nov. 26.

Sowell, Guy T., Big Lake, Tex. Counterbalancing attachment for pumps. 2,401,669; June 4.

Sowers, Wesley, Flosamoor, assignor to The Pure Oil Company, Chicago, Ill. Control of pH of water from earth bores. 2,398,123; Apr. 9.

Sowerwine, Elbert O., Jr., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Mixing nozzle. 2,399,712; May 7.

Sowerwine, Elbert O., Jr., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Apparatus for preparing formed gels. 2,410,314; Oct. 29.

Sowerwine, Elbert O., Jr., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Apparatus for preparing formed gels. 2,410,315; Oct. 29.

Sowle, Charles E., Van Nuys, assignor to Lockheed Aircraft Corporation, Burbank, Calif. Glazing unit. 2,409,805; Oct. 22.

Sowle, Theo J., Algonac, Mich. Spectacles and glasses protector. 2,395,078; Feb. 19.

Spack, Maurice, Newton Center, Mass. Device for conforming a shoe upper to the shape of a last. 2,409,721; Oct. 22.

Spackman, Thomas F.: *See*—
Pope, David M., and Spackman.

Spackman, Thomas F., assignor to Stewart-Warner Corporation, Chicago, Ill. Portable heater. 2,403,155; July 2.

Spader, Arthur H., Bergenfield, N. J. Rotary ice cream dispensing cabinet. 2,412,068; Dec. 3.

Spafford, Ralph W., assignor to The Louden Machinery Company, Fairfield, Iowa. Traveling conveyer apparatus. 2,401,115; May 28.

Spafford, Ralph W., and L. R. Bergren, assignors to The Louden Machinery Company, Fairfield, Iowa. Electric traveling crane system. 2,392,417; Jan. 8.

Spalding, A. G., & Bros. Inc., assignee: *See*—
Baymiller, John W., and Vose.
Geerlings, Gerald K., and Tynan.

Spalding, John E., Nitro, and D. B. Wicker, Dunbar, W. Va., assignors to American Viscose Corporation, Wilmington, Del. Method and apparatus for crimping filamentary materials. 2,407,108; Sept. 3.

Spalding Knitting Mills, assignee: *See*—
Norman, George.

Spanel, Abraham N., Princeton, N. J. Pneumatic collapsible boat. 2,396,212; Mar. 5.

Spangberg, Leonard V.: *See*—
Clapp, Edwin A., and Spangberg.

Spangler, Daniel H., Hamburg, Pa. Suspension and load equalizing system for vehicles. 2,403,833; July 9.

Spangler, Earl G., La Canada, Calif. Air and water separator for removing air or water mixed with hydrocarbons, comprising a cartridge containing a wadding of wooden shavings. 2,412,841; Dec. 17.

Spangler, John E., and U. A. Cornett, Gallipolis, Ohio. Transmission assembly. 2,398,164; Apr. 9.

Sparkes, Harry P., West Orange, N. J., and E. G. Johansson, Watertown, Mass., assignors of one-half to Westinghouse Electric Corporation, East Pittsburgh, Pa., and one-half to Anchor Manufacturing Company, Boston, Mass. Meter mounting. 2,403,132; July 2.

Sparks, Joseph W., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Identifying petroleum products. 2,392,620; Jan. 8.

Sparks, William J.: *See*—
Gleason, Anthony H., and Sparks.
Kellog, Henry B., and Sparks.

Sparks, William J., Elizabeth, and D. C. Field, Linden, N. J., assignors, by mesne assignments, to Jasco, Incorporated. Apparatus for the manufacture of polymer. 2,395,079; Feb. 19.

Sparks, William J., Elizabeth, and A. H. Gleason, Westfield, N. J., assignors to Standard Oil Development Company. Polymerization process. 2,411,599; Nov. 26.

Sparks, William J., Cranford, and R. M. Thomas, Union, N. J., assignors to Standard Oil Development Company. Insoluble heteropolymer of a mono-olefin and an unsaturated ether. 2,412,921; Dec. 17.

Sparks, William N.: *See*—
Baird, William J., and Sparks.

Sparrow, Hubert T., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Safety valve. 2,393,427; Jan. 22.

Sparrow, Hubert T., Minneapolis, Minn., assignor to Minneapolis-Honeywell Regulator Company, Milwaukee, Wis. Solenoid valve. 2,407,184; Sept. 3.

Sparrow, Hubert T., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Aircraft temperature control. 2,408,699; Oct. 1.

Sparrow, Hubert T., D. G. Taylor, and G. H. Witts, assignors to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control device. 2,394,213; Feb. 5.

Spase, Charles B., Nedrow, assignor to Lipe-Rollway Corporation, Syracuse, N. Y. Clutch. 2,407,727; Sept. 17.

Spase, Charles B., Nedrow, assignor to Lipe-Rollway Corporation, Syracuse, N. Y. Friction clutch. 2,407,728; Sept. 17.

Spase, Charles B., Nedrow, assignor to Lipe-Rollway Corporation, Syracuse, N. Y. Overload clutch. 2,411,600; Nov. 26.

Spatta, George, assignor to Clark Equipment Company, Buchanan, Mich. Axle. 2,410,133; Oct. 29.

Spayd, F. M., Engineering Corporation, assignee: *See*—
Spayd, Fred M.

Spayd, Fred M., Van Wert, assignor to F. M. Spayd Engineering Corporation, Dayton, Ohio. Bung. 2,396,027; Mar. 5.

Spayd, Fred M., Van Wert, assignor to F. M. Spayd Engineering Corporation, Dayton, Ohio. Stepladder. 2,396,028; Mar. 5.

Speaker, David M., East Orange, N. J. Electronic surgical metal body locator. 2,393,717; Jan. 29.

Speaker, John W., Milwaukee, Wis. Pocket type can opener. 2,413,528; Dec. 31.

Speakman, John B.: *See*—
Cunningham, George E., Chamberlain, and Speakman.

Speakman, John B., Far Headingley, Leeds, England, assignor to Perm Ltd., Dover, Del. Composition for treating keratin fibers. 2,400,377; May 14.

Speakman, John B., Far Headingley, Leeds, England, assignor to Perm Ltd., Dover Del., Treatment of fibers or fibrous materials containing keratin. 2,410,248; Oct. 29.

Speakman, John B., and T. Barr, Leeds, England, assignors to Imperial Chemical Industries Limited. Treatment of wool fibers. 2,406,412; Aug. 27.

Speakman, John B., Far Headingley, Leeds, and N. H. Chamberlain, Headingley, Leeds, assignors to Cefoil Limited, Maidenhead, England. Production of fabrics from alginic materials. 2,409,319; Oct. 15.

Spealman, Max L., San Francisco, Calif., assignor to Stauffer Chemical Company. Purifying carbon disulphide. 2,402,785; June 25.

Spear, Walter A., assignor to Victor Electric Products, Inc., Cincinnati, Ohio. Carriage. 2,401,387; June 4.

Spear, Wendell C., Wapakoneta, Ohio, and L. C. Schaefer, Honolulu, Hawaii, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electric motor control. 2,403,156; July 2.

Speare, Albert R.: *See*—
Thompson, Willis F., and Speare.

Speare, Leolyn F., Westfield, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Oil burner. 2,405,243; Aug. 6.

Spearе's, Alden, Sons Co., The, assignee: *See*—
Thompson, Willis F.
Specht, Harry G., Montclair, N. J. Press roll for paper making. 2,395,915; Mar. 5.
Specht, Harry G., Montclair, N. J. Centrifugal casting. 2,406,860; Sept. 3.
Special Equipment Company, assignee: *See*—
Ewald, Raymond L., and Skog.
Specialties Development Corporation, assignee: *See*—
Freygang, Walter H.
Grant, Harry C.
Grant, Harry C., Jr.
Grant, Harry C., Jr., and Haessler.
Grant, Harry C., Jr., and Thomsen.
Hannant, T. N.
Heigis, Henry E.
Heizer, Edward J.
Mapes, Daniel.
Marsh, Sidney C.
Stroop, John H.
Uhl, Arthur W.
Zeek, Elwood R.
Specialties, Inc., assignee: *See*—
De Beauregard, Amedee C.
Speck, Kurt: *See*—
D'Larte, Rudolph, and Speck.
Spector, Morris, Chicago, Ill., assignor to Spector Patents, Inc. Combination reversing means, transfer means, and yieldable pusher finger means in match book assembling mechanism. 2,413,659; Dec. 31.
Spector Patents, Inc., assignee: *See*—
Spector, Morris.
Speed, Fletcher C.: *See*—
Horton, Lucien B., and Speed.
Speed, Richard B., Newark, N. J., assignor to Federal Telephone & Radio Corporation, New York, N. Y. Selenium element. 2,411,560; Nov. 26.
Spence Engineering Company, Inc., assignee: *See*—
Spence, Paulsen.
Spence, Harry R., and H. W. Hooker, Lewiston, assignors to Hooker Electrochemical Company, Niagara Falls, N. Y. Removing oxide from the surface of metals. 2,395,694; Feb. 26.
Spence, Hubert L.: *See*—
Kashubeck, Archwood J., Spence, and Eler.
Spence, John: *See*—
Carroll, Burt H., and Spence.
Spence, John A., and E. F. Degering, West La Fayette, assignors to Purdue Research Foundation, La Fayette, Ind. Condensation of ketenes with diketones. 2,407,301; Sept. 10.
Spence, John A., and E. F. Degering, West La Fayette, assignors to Purdue Research Foundation, La Fayette, Ind. Condensation of ketenes with ketoesters. 2,407,302; Sept. 10.
Spence, Le Roy U.: *See*—
Butterbaugh, Darrel J., and Spence.
Spence, Paulsen, East Orange, N. J., assignor to Spence Engineering Company, Inc., Walden, N. Y., a corporation of New York. Valve. 2,399,301; Apr. 30.
Spencer, Arthur: *See*—
Abbink-Spaink, Johann H., and Spencer.
Spencer, Arthur, Benwell, Newcastle-on-Tyne, and J. H. Abbink-Spaink, Jesmond, Newcastle-on-Tyne, assignors to Vickers-Armstrongs Limited, London, England. Pressure fluid follow-up motor. 2,412,366; Dec. 10.
Spencer, Cecil A., Plainfield, N. J., assignor to American Cyanamid Company, New York, N. Y. Bromination of aromatic acids. 2,394,268; Feb. 5.
Spencer, Chester L.: *See*—
Andersen, George D., Spencer, and Hansen.
Spencer, Harry S., Beauharnois, assignor to Howard Smith Paper Mills Limited, Montreal, Quebec, Canada. Warning alarm signal for paper machines. 2,410,249; Oct. 29.
Spencer, Henry E.: *See*—
Simmons, John H., and Spencer.
Spencer, James A.: *See*—
Briggs, Loyd A., and Spencer.
Reinhold, Leonhard F., and Spencer.
Spencer, James A., Teaneck, N. J., assignor to Radio Corporation of America. Secrecy system for telegraph circuits. 2,397,057; Mar. 19.
Spencer, James A., Teaneck, N. J., assignor to Radio Corporation of America. Single channel secrecy device. 2,397,058; Mar. 19.
Spencer, James A., Teaneck, N. J., assignor to Radio Corporation of America. Telegraph tape reperforator. 2,412,300; Dec. 10.
Spencer, James A., Teaneck, N. J., assignor to Radio Corporation of America. Random code tape perforator. 2,412,301; Dec. 10.
Spencer, James A., Teaneck, N. J., and L. F. Reinhold, Staten Island, N. Y., assignors to Radio Corporation of America. Selecting mechanism. 2,406,044; Aug. 20.
Spencer, Kenyon, assignee: *See*—
Norton, John S.
Spencer, Percy L., West Newton, assignor to Raytheon Manufacturing Company, Newton, Mass. Arc discharge starting device. 2,396,294; Mar. 12.
Spencer, Percy L., West Newton, Mass., assignor, by mesne assignments, to Raytheon Manufacturing Company. Tunable magnetron. 2,408,234; Sept. 24.
Spencer, Percy L., West Newton, assignor to Raytheon Manufacturing Company, Newton, Mass. High efficiency magnetron. 2,408,235; Sept. 24.
Spencer, Percy L., West Newton, assignor to Raytheon Manufacturing Company, Newton, Mass. Magnetron casing. 2,408,236; Sept. 24.
Spencer, Percy L., West Newton, assignor to Raytheon Manufacturing Company, Newton, Mass. Tunable magnetron. 2,408,237; Sept. 24.
Spencer, Percy L., West Newton, assignor to Raytheon Manufacturing Company, Newton, Mass. Space discharge device. 2,408,238; Sept. 24.
Spencer, Percy L., West Newton, assignor to Raytheon Manufacturing Company, Newton, Mass. Electronic discharge device. 2,408,239; Sept. 24.
Spencer, Percy L., assignor to Raytheon Manufacturing Company, West Newton, Mass. High efficiency magnetron. 2,410,396; Oct. 29.
Spencer, Percy L., West Newton, assignor to Raytheon Manufacturing Company, Newton, Mass. Electronic discharge device. 2,411,601; Nov. 26.
Spencer, Percy L., West Newton, assignor to Raytheon Manufacturing Company, Newton, Mass. Getter. 2,412,302; Dec. 10.
Spencer, Percy L., West Newton, assignor to Raytheon Manufacturing Company, Newton, Mass. Electronic discharge cathode. 2,412,842; Dec. 17.
Spencer, Percy L., West Newton, Mass., assignor, by mesne assignments, to Raytheon Manufacturing Company. Electrode assembly for discharge tubes. 2,413,006; Dec. 24.
Spencer, Richard O., Santa Monica, Calif., assignor to General Electric Company. Flatiron. 2,407,110; Sept. 3.
Spencer, Robert S.: *See*—
Robinson, Harold A., Friedrich, and Spencer.
Spencer Shoe Corporation, assignee: *See*—
Horvit, John D.
Spencer Turbine Company, The, assignee: *See*—
Smith, Lester C.
Spender, Donald L.: *See*—
Killorin, Francis O'L., and Spender.
Spengler, Walter J., Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Electrical connecting and radio-shielding means. 2,399,402; Apr. 30.
Spengler, Walter J., Sidney, assignor to Bendix Aviation Corporation, New York, N. Y. Ignition apparatus. 2,412,102; Dec. 3.
Spengler, Walter J., T. Tognola, and J. R. Ffel, Sidney, N. Y., assignors to Bendix Aviation Corporation, South Bend, Ind. Radio shielding means. 2,396,060; Mar. 5.
Spensley, William J., assignor to The Adams Company, Dubuque, Iowa. Foundry flask. 2,393,200; Jan. 15.
Sperberg, Lawrence R., Bartlesville, Okla., assignor to Phillips Petroleum Company. Curing butadiene-styrene synthetic rubber. 2,409,809; Oct. 22.
Sperling, Joseph, New York, N. Y. Window construction. 2,403,246; July 2.
Sperry Gyroscope Company, Inc., assignee: *See*—
Allison, Byron L., and Wong.
Antony, Charles, Jr., and Isbister.
Beach, Lennox F., Esval, and Lane.
Braddon, Frederick.
Braddon, Frederick D.
Braddon, Frederick D., and Kellogg.
Brewer, Alexander F.
Brown, Gordon S., and Forrester.
Carter, Leslie F.
Carter, Leslie F., and West.
Chafee, Earl W.
Costa, Philip J.
Curry, Robert S., Jr.
Dawson, Edward.
Depp, Marlin C., and Fragola.
De Westfelt, Gerard.
Esval, Orland E.
Esval, Orland E., and Curry.
Ferrill, Thomas M., Jr.
Frische, Carl A., Bentley, and Halpert.
Frische, Carl A., and Hanson.
Ginzton, Edward L.
Ginzton, Edward L., Palmer, and Jenks.
Ginzton, Howard L.
Hansen, William W.
Hansen, William W., and Woodyard.
Hanson, Gerald N.
Hanson, Gerald N., Halpert, and Frische.
Harris, Herbert, Jr.
Harrison, Arthur E.
Haskins, Robert, Jr., and Esval.
Hays, Robert F., Jr.
Herzig, Henry A.
Hight, William R., and Wittkuhns.
Holschuh, Carl G., and Fram.
Holschuh, Carl G., and Vielehr.
Hull, Harvard L., and Munroe.
Hull, Harvard L., Gorrill, and Frost.
Jenks, Frederic A., and Folland.
Jenks, Frederic A., Folland, Maeder, and Cooke.
Kenyon, David E.
Lane, Arthur W.
Langstroth, Hall, and Wallace.

Sperry Gyroscope Company, Inc., assignee: *See*—Continued
Lazar, Edward F.
Lombardi, Anthony J.
Lundy, Clarence C., and Langstroth.
Matthews, William A.
Maybarduk, Leon A., Mieher, Zand, and White.
McCoy, Rawley D.
Mieher, Walter W., and Mallett.
Morgenthaler, Frederick W., and Garwood.
Riggs, Alger S.
Salisbury, Frederick L.
Shepherd, James E.
Shepherd, James E., and Mallett.
Snow, Donald L.
Stearns, Horace M.
Talt, William O.
Van Auken, Howard C.
Van Auken, Howard C., and Esher.
Van Auken, Howard C., and Hanson.
Varian, Russell H.
West, Francis, Jr.
White, Walter T.
Wittkuhns, Bruno A., and Chantemerle.
Woodyard, John R.
Sperry Gyroscope Company, Limited, assignee: *See*—
Horstmann, Bevan G.
Sperry Gyroscope Company Limited, The, assignee: *See*—
Dawson, Edward.
Ferrill, Thomas M., Jr.
Horstmann, Bevan G.
Sperry Products, Inc., assignee: *See*—
Drake, Harcourt C.
Haight, Norman L.
Sperry, Russell L.: *See*—
Kaiser, Donald W., and Sperry.
Sperry-Sun Well Surveying Company, assignee: *See*—
Bazzoni, Charles B., and Millington.
Emerson, William H., and Hering.
Millington, John W.
Pearson, John M., and Nichols.
Smith, George A.
Spetz, Frank F., Baldwin, N. Y. Portable grinder. 2,401,670; June 4.
Spialter, Leonard: *See*—
MacKenzie, Charles A., and Spialter.
Spicacci, Attilio R., Bristol, Conn., assignor to General Motors Corporation, Detroit, Mich. Grinding of rollers. 2,409,320; Oct. 15.
Spicer Manufacturing Corporation, assignee: *See*—
Lewis, Robert P.
Peterson, Carl D., and Delmel.
Spicer, William E.: *See*—
Pierce, Jerry A., and Spicer.
Spiecker, Paul M., Ocean City, N. J. Cutting out four-in hand necktie blanks. 2,402,302; June 18.
Spiegel, Erwin: *See*—
Neumann, Heinrich, Bukowski, Ramshorn, Spiegel, and Tonn.
Spiegel, Felix: *See*—
Lorenzen, Robert, and Spiegel.
Spielman, Sterling C., Huntingdon Valley, assignor, by mesne assignments, to Philco Corporation, Philadelphia, Pa. High voltage regulator circuit. 2,407,458; Sept. 10.
Spiess, Georg, Leipzig, W. 31, Germany; vested in the Alien Property Custodian. Apparatus for correcting differences in register. 2,404,756; July 23.
Spieth, Benjamin, assignor to Modine Manufacturing Company, Racine, Wis. Convection heater. 2,406,643; Aug. 27.
Spieth, Benjamin, assignor to Modine Manufacturing Company, Racine, Wis. Air deflector vane for unit heaters. 2,413,118; Dec. 24.
Spievak, Louis A., West Los Angeles, Calif. Adjustable hold-down device. 2,408,586; Oct. 1.
Spilhaus, Athelstan F., University Heights, N. Y., assignor to Submarine Signal Company, Boston, Mass. Bathythermograph and sea sampler. 2,396,724; Mar. 19.
Spiller, George, assignor to Hercules Powder Company, Wilmington, Del. Rosin ester modified dicarboxylic acid-glycol resin. 2,411,904; Dec. 3.
Spiller, William R., and L. D. Barley, Dayton, assignors to Harris-Seybold-Potter Company, Cleveland, Ohio. Stitching machine. 2,398,053; Apr. 9.
Spiller, William R., and R. J. Niederhauser, Dayton, Ohio, assignors, by mesne assignments, to Acme Steel Company, Chicago, Ill. Stitching machine. 2,405,800; Aug. 13.
Spinello, Matthew, Rockford, Ill. Door lock. Re. 22,766; June 11.
Spinola, Cyril A., Honolulu, Territory of Hawaii. Combination shaving mug and shaving cream dispenser. 2,392,007; Jan. 1.
Spira, Josef H., New York, N. Y. Apparatus for polishing or forming facets on gems, diamonds, or the like. 2,393,939; Jan. 29.
Spiral Bagging Machine Corporation, assignee: *See*—
Gardner, Percy, and Kagan.
Spiral Binding Company, Inc., assignee: *See*—
Freundlich, Albert.
Spitler, Theodore M., Schenectady, N. Y., assignor to General Electric Company. Shockproof electromagnet. 2,399,517; Apr. 30.
Spitzli, Donald H., Summit, and R. W. Charlton, Montclair, N. J., assignors to Congoleum-Nairn Inc. Fire retardant linoleum type coverings. 2,412,303; Dec. 10.
Spitzmueller, Kurt H.: *See*—
Young, Harland H., and Spitzmueller.
Splaine, Edward M., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 2,392,418; Jan. 8.
Spohn, Walter R., Pittsburgh, Pa. Theatrical apparatus. 2,405,766; Aug. 13.
Spohr, Carl W.: *See*—
Persson, Per O., and Spohr.
Spokes, Ray E.: *See*—
Keller, Emil C., and Spokes.
Spooner, Harry, Stephens, Ark. Nutcracker. 2,407,350; Sept. 10.
Spooner, Reginald A. W., Walton-on-Thames, assignor to Woodfield Engineering Limited, London, England. Locking or coupling pin, short shaft, and similar devices. 2,399,581; Apr. 30.
Spooner, Reginald A. W., Walton-on-Thames, assignor to Woodfield Engineering Limited, London, England. Coupling or connecting device. 2,402,925; June 25.
Spooner, William W., Ilkley, England. Drying of material. 2,401,520; June 4.
Spooner, William W., Ilkley, England. Air circulator for ovens. 2,412,103; Dec. 3.
Sporney, George: *See*—
French, Edward A., and Sporney.
Spotswood Specialty Co. Inc., assignee: *See*—
Mull, Arthur B.
Sprague, Earl E., assignor to Raymond J. Scheffler, Grand Rapids, Mich. Electric thermal switch. 2,405,767; Aug. 13.
Sprague Electric Company, assignee: *See*—
Brooks, Lester A., and Nazzewski.
Burnham, John.
Robinson, Preston, and Dorst.
Sprague, James M., Drexel Hill, assignor to Sharp & Dohme, Incorporated, Philadelphia, Pa. Diazine compounds. 2,407,966; Sept. 17.
Sprague, Robert B.: *See*—
Broadston, James A., and Sprague.
Sprague, Robert B., Long Beach, Calif., assignor to Hoof Products Company, Chicago, Ill. Fluid lockout device. 2,403,689; July 9.
Sprague, Robert H., assignee: *See*—
Brooker, Leslie G. S., and Sprague.
Sprague, Robert M., Great Neck, N. Y., assignor to Press Wireless, Inc., Chicago, Ill. Secrecy signaling system, method, and apparatus. 2,395,431; Feb. 26.
Sprague, Robert M., Manhasset, N. Y., assignor to Press Wireless, Inc., Chicago, Ill. Secrecy signaling system, method, and apparatus. 2,395,432; Feb. 26.
Sprague, Robert M., Hicksville, N. Y., assignor to Press Wireless, Inc., Chicago, Ill. Modulating method and apparatus. 2,398,054; Apr. 9.
Sprague, Stanley L., Westwood, assignor to B. B. Chemical Co., Boston, Mass. Adhesive composition. 2,400,612; May 21.
Spraker, Richard A., Fairfield, assignor to Remington Arms Company, Inc., Bridgeport, Conn. Article assorting apparatus. 2,402,097; June 11.
Spraragen, Louis, assignor to Bridgeport Fabrics, Inc., Bridgeport, Conn. Filter screen. 2,396,295; Mar. 12.
Spraragen, Louis, assignor to Bridgeport Fabrics, Inc., Bridgeport, Conn. Beading strip. 2,400,470; May 14.
Spraragen, Louis, Bridgeport, Conn., assignor to Automatic Locking Devices Incorporated. Reversible releasable clutch. 2,406,644; Aug. 27.
Spraragen, Louis, assignor to Bridgeport Fabrics, Inc., Bridgeport, Conn. Woven resistance unit. 2,412,843; Dec. 17.
Spray Process Co. Inc., assignee: *See*—
Vose, Edwin W.
Spraying Systems Co., assignee: *See*—
Wahlin, Fred W.
Sprenger, William H.: *See*—
Hoffman, Otis E., Quirk, and Sprenger.
Spriesch Tool and Manufacturing Company, Inc., assignee: *See*—
Chapin, Bryan W.
Sprigg, Edward A., Wadsworth, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Flexible impression member. 2,402,706; June 25.
Sprigg, Edward A., Wadsworth, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Method and apparatus for testing compressible hardness of materials. 2,407,583; Sept. 10.
Springer, Berthold, Berlin W. 30, Germany; vested in the Alien Property Custodian. Impregnating condensers. 2,410,756; Nov. 5.
Springer, Joseph J.: *See*—
Burwick, Leo, and Springer.
Springer, Walter, Berlin-Steglitz, Germany; vested in the Alien Property Custodian. Altimeter. 2,398,055; Apr. 9.
Springers, Earl W., Silver Hill, Md. Plotter indicator for harbor defense. 2,406,861; Sept. 3.

Springhorn, Charles, Orange, assignor to Metal Textile Corporation, West Orange, N. J. Self-acting friction clutch. 2,401,981; June 11.
Springhorn, Charles, Orange, assignor to Metal Textile Corporation, West Orange, N. J. Governor clutch mechanism. 2,401,982; June 11.
Sprinkel, Robert B., Washington, D. C. Dual control operating mechanism for motor vehicles. 2,406,261; Aug. 20.
Sprinkle, Marshall R., Edwardsville, and R. S. MacDuff, Alton, Ill., assignors to Shell Development Company, San Francisco, Calif. Surge tank system. 2,403,563; July 9.
Sproule, Lorne W., Sarnia, Ontario, Canada, and J. C. Zimmer, Union, N. J., assignors to Standard Oil Development Company. Lubricating grease composition. 2,394,567; Feb. 12.
Sprouse, Verner E., Columbus, Ind. Blower. 2,394,214; Feb. 5.
Sprouse, Verner E., Columbus, Ind. Worm adjusting double wrap hose clamp. 2,408,347; Sept. 24.
Sprow, John H., Jackson, Ohio. Blast furnace tuyère. 2,405,461; Aug. 6.
Sprules, Francis J.: *See*—
Price, Donald, and Sprules.
Sprung, Murray M., Scotia, N. Y., assignor to General Electric Company. Synthetic wax composition. 2,408,700; Oct. 1.
Sprung, Ralph D., Rosemead, Calif. Valve facing device. 2,406,570; Aug. 27.
Spurlin, Harold M., Marshallton, assignor to Hercules Powder Company, Wilmington, Del. Resinate. 2,403,767; July 9.
Spurlin, Harold M., Marshallton, assignor to Hercules Powder Company, Wilmington, Del. Resinate. 2,404,255; July 16.
Square D Company, assignee: *See*—
Hauptman, Frederic F.
Korn, Arthur.
Weiler, Paul G.
Squibb, E. R., & Sons, assignee: *See*—
Rashour, Joseph T.
Christiansen, Walter G., and Harris.
Holaday, Horace A.
Stavely, Homer E.
Lott, William A.
Lott, William A., Bergeim, and Losee.
Lott, William A., and Van Winkle.
Ruigh, William L.
Winterstein, Oskar.
Winterstein, Oskar, and Ruigh.
Squire, Robert C., assignor, by mesne assignments, to Jack & Heintz Precision Industries, Inc., Cleveland, Ohio. Roll V block support. 2,406,514; Aug. 27.
Squire, Robert L., assignee, et al.: *See*—
Andrzejewski, Ciara.
Squier, William W., Flint, Mich. Variable pitch propeller. 2,392,341; Jan. 8.
Squires, Fred H., Los Angeles, assignor to Western Plastics, Incorporated, Glendale, Calif. Boat loading device. 2,392,008; Jan. 1.
Squires, Lombard, Westtown, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing ethylene polymers. 2,395,381; Feb. 19.
Squires, Walter, Jr., and P. T. Parker, Baton Rouge, La., assignors to Standard Oil Development Company. Coagulation process. 2,408,128; Sept. 24.
Srere, Alfred A., Dayton, assignor to The Miami Valley Coated Paper Co., Franklin, Ohio. Liner coating composition. 2,413,007; Dec. 24.
Stableford, John L., London, England. Roll-up screen. 2,395,303; Feb. 19.
Stableford, John L., London, England. Portable projection screen. 2,395,304; Feb. 19.
Stackhouse, Milroy G., Homewood, Ala. Baby play pen. 2,410,368; Oct. 29.
Stackhouse, Wilton E., Springfield, Pa., assignor to The United Gas Improvement Company. Apparatus for filtering gas. 2,400,719; May 21.
Stackhouse, Wilton E., Springfield, Pa., assignor to The United Gas Improvement Company. Method and apparatus for hydrogen sulfide determination. 2,413,261; Dec. 24.
Stacy, Thomas F., assignor to The French Oil Mill Machinery Company, Piqua, Ohio. Fluid operated motor. 2,396,296; Mar. 12.
Stacy, Thomas F., Piqua, Ohio, assignor to The French Oil Mill Machinery Company. Controlling valve for hydraulic motors. 2,398,811; Apr. 23.
Stadelman, Frank, Cranford, assignor to Latendorf Conveying Corporation, Bayonne, N. J. Conveyer. 2,413,339; Dec. 31.
Stader, Otto, Ardmore, Pa. Bone splint. 2,393,831; Jan. 29.
Stadtfeld, Jacob A., assignor to H. A. Dutton, Jr., San Francisco, Calif. Hollow conduit and making the same. 2,394,818; Feb. 12.
Staff, Charles E., Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Preparation of diethers of the glycols. 2,397,514; Apr. 2.
Stafford, Alfred E., Bloomfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Control means. 2,393,201; Jan. 15.
Stafford, Alfred E., Glen Ridge, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Space discharge device. 2,404,803; July 30.
Stafford Allen and Sons Limited, assignee: *See*—
Robinson, Robert, Cornforth, and West.
Stafford, George S.: *See*—
Hurt, David M., Stafford, and Tauch.
Stafford, James O.: *See*—
Kallster, Frank B., Stafford, and Konyvka.
Stafford, Paris H.: *See*—
De Ganahl, Carl, Stafford, and Conlee.
Staggs, Jesse D., Burbank, Calif. Float rod guide means. 2,397,383; Mar. 26.
Stagmeier, Arthur F.: *See*—
Southwick, Charles A., Jr., and Stagmeier.
Stagnaro, Henry A., assignee: *See*—
Delucchi, Anthony W.
Stahl, Carl H.: *See*—
Appleton, Arthur I., and Stahl.
Stahl, Elmer R., Meyersdale, Pa., F. W. Schulte, Cumberland, and W. J. Elvin, Frostburg, Md., assignors to Celanese Corporation of America. Textile apparatus. 2,398,472; Apr. 16.
Stahly, Christian J., El Monte, Calif. Juice extractor. 2,406,479; Aug. 27.
Stainbrook, Don M., Detroit, Mich. Gas burner. 2,400,030; May 7.
Stair, Carlyle B., Downers Grove, Ill. Wrench. 2,405,462; Aug. 6.
Stalcup, Clarence F., San Diego, Calif. Two-wheel jack. 2,392,955; Jan. 15.
Staley, A. E., Manufacturing Co., assignee: *See*—
Brock, Frank H., and Smith.
Evans, Cyril D.
Fuller, Allen R.
Gill, Lowell O., and McDonald.
Hansen, Donald W.
Morgan, Willard L.
Staley, Allen C., Birmingham, assignor to Chrysler Corporation, Highland Park, Mich. Supercharger control apparatus. 2,404,323; July 16.
Staley, Allen C., Birmingham, assignor to Chrysler Corporation, Highland Park, Mich. Supercharger control apparatus. 2,404,324; July 16.
Staley, Marcellus, Patchogue, N. Y. Electromagnet. 2,412,304; Dec. 10.
Stalker, Edward A., Bay City, Mich. Aircraft. 2,392,419; Jan. 8.
Stalker, Edward A., Bay City, Mich. Aircraft. 2,397,215; Mar. 26.
Stalker, Edward A., Bay City, Mich. Aircraft. 2,403,133; July 2.
Stalker, Edward A., Bay City, Mich. Axial blower. 2,405,768; Aug. 13.
Stalker, Edward A., Bay City, Mich. Aircraft having boundary layer controlled wings. 2,406,923; Sept. 3.
Stalker, Edward A., Bay City, Mich. Aircraft. 2,406,924; Sept. 3.
Stalker, Edward A., Bay City, Mich. Wing with flap enclosing a blower means. 2,407,185; Sept. 3.
Stalker, Edward A., Ann Arbor, Mich. Aircraft. 2,395,513; Feb. 26.
Stalker, Edward A., Ann Arbor, Mich. Wings and other aerodynamic bodies. 2,406,916; Sept. 3.
Stalker, Edward A., Ann Arbor, Mich. Wing. 2,406,917; Sept. 3.
Stalker, Edward A., Ann Arbor, Mich. Wing. 2,406,918; Sept. 3.
Stalker, Edward A., Ann Arbor, Mich. Control of aircraft. 2,406,919; Sept. 3.
Stalker, Edward A., Ann Arbor, Mich. Wing. 2,406,920; Sept. 3.
Stalker, Edward A., Ann Arbor, Mich. Aircraft. 2,406,921; Sept. 3.
Stalker, Edward A., Ann Arbor, Mich. Wing. 2,406,922; Sept. 3.
Stalker, Edward A., Ann Arbor, Mich. Rotary wing aircraft. 2,408,489; Oct. 1.
Stallman, Ralph F., Oakland, Calif. Self-locking shaft lock. 2,397,703; Apr. 2.
Stamatoff, Gelu S., Rutherford, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of polyvinyl acetal resins. 2,400,957; May 28.
Stamberger, Paul, Dover, Del. Production of thickened products from fatty acid esters. 2,403,408; July 2.
Stamberger, Paul, Dover, Del. Adhesive. 2,407,038; Sept. 3.
Stamberger, Paul, Philadelphia, R. K. Eskew, Glenside, and R. S. Hanslick, Philadelphia, Pa., assignors to United States of America, as represented by the Secretary of Agriculture. Treatment of rubber. 2,399,156; Apr. 23.
Stamets, William K., assignee: *See*—
Hibbard, Robert L.
Stamm, Benjamin I. J., New York, N. Y. Water heater and boiler. 2,408,820; Oct. 8.
Stamm, Edward P., Portland, Oreg. Radial sawing mechanism. 2,393,940; Jan. 29.
Stammbach, Walter, assignor to the firm J. R. Geigy A. G., Basel, Switzerland. Manufacture of o-sulphobenzoic acids. 2,407,351; Sept. 10.

Stammers, Douglas W., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Production of colored photographic images. 2,396,396; Mar. 12.
Stampen, Olaf J.: *See*—
Blomberg, Martin P., and Stampen.
Stancliffe, Cecil W., Rochester, England. Apparatus for molding hollow concrete blocks. 2,394,943; Feb. 12.
Stanco, Inc., assignee: *See*—
Littman, Edwin R., and Klotz.
McKim, Orville E.
Standard Aircraft Products, Inc., assignee: *See*—
Early, Paul F.
Standard Alcohol Company, assignee: *See*—
Patterson, John A.
Standard Brands Incorporated, assignee: *See*—
Stokes, William E., and Kennedy.
Standard Cabinet Works, Inc., assignee: *See*—
Bertschinger, Frederick E.
Standard Cap and Seal Corporation, assignee: *See*—
Cowen, Tracy.
Standard Car Truck Company, assignee: *See*—
Leese, Charles P.
Standard Catalytic Company, assignee: *See*—
Lewis, Elion R., and Read.
Miller, Pharis.
Peck, Edward B.
Redcay, Aaron K.
Standard Corset Company, The, assignee: *See*—
Gagnon, Joseph X.
Standard Electric Corporation, assignee: *See*—
Wolfson, Henry, and Shepard.
Standard Electric Time Company, The, assignee: *See*—
Kenerson, Stanley M.
Standard Forgings Corporation, assignee: *See*—
Cornell, Dana R.
Standard Gas Equipment Corporation, assignee: *See*—
O'Dowd, Henry W.
Standard-Knapp Corporation, assignee: *See*—
Wylie, Howard W.
Standard Machinery Company, assignee: *See*—
Grosser, Christian E.
Standard Oil Company, assignee: *See*—
Adams, Chester E.
Arveson, Maurice H.
Bahlke, William H., and Carpenter.
Baillie, James C., Heard, and Shankland.
Baillie, James C., and Shankland.
Brunstrum, Lawrence C., and Liehe.
Burk, Robert E., and Hughes.
Burney, Donald E., d'Ouville, and Hull.
Carmody, Don R.
Carmody, Don R., and Huber.
Dickinson, John T., and Moorman.
Dickinson, Norman L.
D'Ouville, Edmond L., and Evering.
D'Ouville, Edmond L., and Shoemaker.
Edmister, Wayne C., and Pollock.
Evering, Bernard L., d'Ouville, and Carmody.
Grubb, Henry M., and Tucker.
Gunness, Robert C., and Jewell.
Hull, Carl M., and d'Ouville.
Johnson, Everett A.
Kelso, Charles D., and Adams.
Kruse, Willard E., Nysewander, and Bolt.
Lemmon, Norman E., Bransky and Langan.
Liehe, Hubert J.
Lien, Arthur P.
Lien, Arthur P., and d'Ouville.
Lien, Arthur P., and Shoemaker.
Loane, Clarence M., and Watson.
Marschner, Robert F.
Marschner, Robert F., and Carmody.
Nysewander, Cecil W., and Fragen.
Rittschof, William L., and Proell.
Roberts, Edward N.
Rogers, Thomas H., and Wallace.
Rouault, George F., and Rhodes.
Schwartz, Murray L.
Shankland, Rodney V.
Sharp, Thomas E.
Shoemaker, Bernard H., and Evering.
Snuggs, John F.
Sparks, Joseph W.
Sutton, Mack, and Nysewander.
Thiele, Ernest W.
Thiele, Ernest W., Schmitkons, and Hull.
Wallace, Joseph S., and Sharp.
Watson, Roger W., and Gaynor.
White, Claron N., Schwartz, and Rouault.
Standard Oil Company, The, assignee: *See*—
Bartleson, John D.
Bartleson, John D., and Veatch.
Burk, Robert E.
Burk, Robert E., and Hughes.
Burk, Robert E., and Kropp.
Evering, Bernard L., and d'Ouville.
Evering, Bernard L., and Lien.
Hibbard, Robert R.
Hughes, Everett C.
Hughes, Everett C., and Bartleson.
Musselman, John M.
Standard Oil Company, The, assignee: *See*—Continued
Musselman, John M., and Lankelma.
Rudd, Kenneth H.
Scovill, Warner E., and Walsh.
Smith, Joseph B.
Swenson, Reuben A.
Voorhees, Vanderveer.
Standard Oil Development Company, assignee: *See*—
Alspaugh, James C.
Anderson, James A., Jr.
Archibald, Francis M., and Mottern.
Asbury, Willard C., and Swaney.
Atkins, George T., Jr.
Baldeschwieler, Emile L., and Zimmer.
Bannon, John H., and Mims.
Blanding, Forrest H.
Blau, Ludwig W.
Boettger, Charles R., Jr., Chambers, and Slotterbeck.
Brandon, Richard C.
Brown, Cecil L.
Brown, John R., Jr., and Lightbown.
Buchan, Rudolph C.
Bunn, Charles H., Jr., and Schrader.
Camp, Elza Q., and Walsh.
Campbell, Donald L.
Carlsmith, Leonard E.
Chapman, Thomas S.
Cohen, Charles A.
Cone, John Hill.
Connolly, Gerald C.
Cunningham, George H., Sweeney, and Fenske.
Davis, Garland H. B.
Davis, Garland H. B., Sweeney, and Herbst.
Davis, Garland H. B., and Zimmer.
Dayton, Herbert P.
De Verter, Paul L.
Donahue, John E., and Schrader.
Duncan, Gordon W.
Dutson, Keith J. F., Jr., and Smith.
Ellis, Carleton.
Evans, Hector C., and Young.
Fischer, Herbert G. M.
Franklin, Joe L., Jr.
Franklin, William B.
Frosch, Alex.
Gallay, Wilfred, and Puddington.
Gerles, Otto.
Gilbert, George R.
Gleason, Anthony H.
Graybeal, Joseph W.
Green, Arthur D.
Hall, Homer J., and Munday.
Hall, Ike D.
Hamilton, J. P., and Jones.
Harper, Orvie D.
Harrington, Paul J.
Hart, John L.
Hastings, Sam H., and Turner.
Heigl, John J., and Wilson.
Hemminger, Charles E.
Hewlett, Amiot P.
Hill, Ralph M., and Codet.
Hill, Ralph M., and Watkins.
Hocott, Claude R.
Holder, Clinton H., and Welty.
Horecky, Joseph T., and Wadley.
Hulse, Stewart H.
Hunt, Ernest W.
Jahnig, Charles E.
Jones, Minor C. K., and Schumacher.
Kearby, Kenneth K.
Kellog, Henry R. and Reynolds, Jr.
Kellog, Henry R., and Sparks.
Knoth, Fred, Jr., and Pavlick.
Kohler, Henry F.
Kollenberg, Conrad H.
Kraus, Charles A., and Calfee.
Kuhl, Paul E.
Kuhl, Paul E., and Shepardson.
Kuhl, Paul E., and Welty.
Laughlin, Kenneth C.
Lieber, Eugene.
Lieber, Eugene, and Cashman.
Lieber, Eugene, and Thorner.
Linn, Norman F.
Lynch, Charles S., and Codet.
Macke, Robert A., and Zoeller.
Marancik, Joseph V., and MacClymont.
Marancik, Joseph V., and Mildrum.
Marsh, Nat H.
Martin, Henry G., Jr.
Martin, Homer Z.
Martin, Homer Z., Murphree, Gohr, and Graham.
Mason, Ralph B.
Mason, Ralph B., and Pierce.
McArdle, Edward H., and Robertson.
McCulloch, Thomas B.
McNab, John G., and Rogers.
McNab, John G., and Winning.
McNatt, Eugene M.
Meier, Herbert H.
Meinert, Richard N.
Meinert, Richard N., and Holt.

Standard Oil Development Company, assignee: *See*—Continued
Mikeska, Louis A.
Miller, Pharis, and Lieber.
Morrell, Charles E., Small, and McAteer.
Morway, Arnold J.
Morway, Arnold J., and Beerbower.
Munday, John C.
Murphree, Eger V.
Myers, Norval F.
Nelson, Joseph F., and Small.
Nicholson, Edward W. S., and Redcay.
Noble, Frank G.
Ogorzaly, Henry J.
Opryshek, Karl, and Chatfield.
Orr, Willis P.
Owen, John J.
Packie, John W., and Craft.
Palmer, Jewell S.
Patterson, John A.
Pierce, Jerry A., and Spicer.
Pierce, Jerry A., and Steele.
Powers, John M.
Reeves, Edward D.
Richard, Prescott L.
Richardson, Roger W.
Robertson, Anthony E.
Roethell, Bruno E.
Rogers, Dilworth T.
Rogers, Dilworth T., and Feldhusen.
Rogers, Dilworth T., and McNab.
Rosen, Raphael, and Slottebeck.
Rupp, Walter H., and Wright.
Salathiel, Richard A.
Scharmann, Walter G.
Scheeline, Harold W.
Schneider, Helmuth G., and Kane.
Schonberg, Jackson R., and Campbell.
Schonberg, Jackson R., and Moyer.
Schrader, Leo W.
Schutze, Henry G.
Sewell, Benjamin W.
Seyfried, Wilson D., and Hastings.
Shepardson, Robert M.
Shmidl, Albert J.
Showalter, Jere C.
Slotterbeck, Ober C.
Smith, Winthrope C.
Sparks, William J., and Gleason.
Sparks, William J., and Thomas.
Sproule, Lorne W., and Zimmer.
Squires, Walter, Jr., and Parker.
Stines, Daniel E.
Stratford, Reginald K.
Summerford, Simpson D.
Sweeney, William J., Fenske, and Cummings.
Taggart, Millard S., Jr.
Tilton, Joshua A.
Tongberg, Carl O.
Tongberg, Carl O. and Hall.
Tyson, Charles W.
Vanderbilt, Byron M.
Vanderbilt, Byron M., and Howe.
Vanderbilt, Byron M., and Rose.
Van Gilder, Carll F., and Schneider.
Vesterdal, Hans G.
Voorhies, Alexis, Jr.
Wadley, Edward F.
Wadley, Edward F., and Horecsy.
Walsh, David C., Jr., and Camp.
Wasson, Jones I. and Duncan.
Wasson, Jones I., and Smith.
Waterman, Wendell W., and Parker.
Watkins, Charles H.
Watkins, Walter T., Jr.
Webber, William O.
Welty, Albert B., Jr.
Wilde, Henry D.
Williams, Milton.
Williams, Philip S.
Wilson, Samuel W.
Wilson, Warren C.
Winning, Carl, and McNab.
Wright, Donald L., and Bohmer.
Young, David W., and Hibeline.
Young, David W., and Lieber.
Young, David W., and Peters.
Zimmer, John C., and Morway.

Standard Products Company, The, assignee: *See*—
Bascom, Roger C.
Cameron, William S.

Standard Railway Equipment Manufacturing Company, assignee: *See*—
Eckerman, Robert M., and Fisher.
Gilpin, Garth G.
Schlesinger, Edgar E.
Swann, James S.
West, Victor E.
Zeidler, Kurt E.

Standard Railway Equipment Manufacturing Co. (Canada) Limited, assignee: *See*—
Rudel, John M.

Standard Register Company, The, assignee: *See*—
Davidson, John T.
Metzner, Albert W.
Metzner, Albert W., and Gopperton.

Standard Rivet Company, The, assignee: *See*—
Wickens, Claude F.

Standard Stoker Company, Incorporated, assignee: *See*—
Surdy, Charles J.

Standard Stoker Company, Incorporated, The, assignee: *See*—
Graves, John R.
Martin, Eugene.

Standard Telephones and Cables Limited, assignee: *See*—
Chatterjea, Prafulla K., and Houghton.
Chatterjea, Prafulla K., Scully, and Ambrose.
Earp, Charles W.
Fremlin, John H.
Fremlin, John H., and Hall.
Goodchild, Frank D.
Haigh, Leslie B.
Hartley, George C., Lowry, and Bray.
Hartley, George C., McWhirter, and Handley.
Heaton-Armstrong, Louis J.
Levy, Maurice M.
McLellan, Harry E. S.
McWhirter, Eric M. S., and Dunn.
Rogers, Douglas C.
Weston, Jeffrey D.
Willoughby, Eric O.

Standard-Thomson Corporation, assignee: *See*—
Early, Paul F.

Standard Vendors, Inc., assignee: *See*—
Auerbach, Maurice J.

Stang, Con, Bozeman, Mont. Cloth abrasive holder. 2,401,116; May 28.

Stange, Ferdinand F.: *See*—
Cotchett, Louis M., Campbell, and Stange.
Cotchett, Louis M., Campbell, Stange, and Arterton.

Stanin, Theodore E.: *See*—
Dickey, Joseph B., Straley, and Stanin.

Stanitz, Jacques, Warren, assignor to Mullins Manufacturing Corporation, Salem, Ohio. Making pressed metal water closets. 2,411,301; Nov. 19.

Stanley, Arthur M., Lynn, assignor to Stanley Engineering, Inc., Boston, Mass. Vehicle wheel. 2,403,690; July 9.

Stanley, Edmund: *See*—
Olpin, Henry C., Stanley, and Argyle.

Stanley Engineering, Inc., assignee: *See*—
Stanley, Arthur M.

Stanley, Herbert M., Tadworth, England, assignor to The Distillers Company Limited, Edinburgh, Scotland. Manufacture of vinyl chloride. 2,407,039; Sept. 3.

Stanley, Joseph, Chicago, Ill., assignor to American Lecithin Company, Cleveland, Ohio. Making margarine. 2,402,690; June 25.

Stanley, Paul H., Huntingdon Valley, assignor to Autogiro Company of America, Philadelphia, Pa. Rotary wing aircraft. 2,405,244; Aug. 6.

Stanley, Richard B.: *See*—
Conn, Alfred J., and Stanley.

Stanley, Richard W.: *See*—
McDermott, Henry J., and Stanley.

Stanley, Richard W., Drexel Hill, Pa., assignor to American Viscose Corporation, Wilmington, Del. Thread advancing reel. 2,396,297; Mar. 12.

Stanley, Richard W., Drexel Hill, and W. B. Lowe, Chester, Pa., assignors to American Viscose Corporation, Wilmington, Del. Thread advancing reel. 2,403,031; July 2.

Stanley, Richard W., Drexel Hill, and W. B. Lowe, Chester, Pa., assignors to American Viscose Corporation, Wilmington, Del. Thread-advancing device. 2,404,005; July 16.

Stanley Steam Motors Corporation, assignee: *See*—
Doble, Abner.

Stanley, William G., New York, N. Y., and F. A. Leibe, Quakertown, Pa., assignors to Federal Telephone and Radio Corporation, New York, N. Y. Telephone system. 2,395,916; Mar. 5.

Stanley Works, The, assignee: *See*—
Parsons, Stuart W.
Webster, John H.

Stanly, Albert L., Berkeley, Calif., assignor to Shell Development Company, San Francisco, Calif. Ketones in aviation gasoline. 2,398,197; Apr. 9.

Stanly, Albert L., and A. G. Cattaneo, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Motor fuels. 2,401,983; June 11.

Stanolind Oil and Gas Company, assignee: *See*—
Bays, George S.
Eisler, Joseph D., and Sharpe.
Farris, Riley F., and Clark.
Roper, Edwin E.
Silverman, Daniel.
Silverman, Daniel, and Gilmartin.
Stuart, Robert W., and Silverman.

Stanolind Pipe Line Company, assignee: *See*—
Cook, Fay V., and Polston.

Stansfield, Richard, Teddington, England, assignor, by mesne assignments, to International Standard Electric Corporation, New York, N. Y. Detecting and measuring torsional vibrations. 2,396,540; Mar. 12.

Stant Manufacturing Company, assignee: *See*—
Lines, Carl H.

Stanton, Arthur H., Jr.: *See*—
Noble, Le Isle D., Stanton, and Jergens.

Stanton, Cornelius M.: *See*—
Vincent, William J., and Stanton.

Stanton, Gladys P., administratrix: *See*—
Stanton, Warren F.

Stanton, Robert J., Brooklyn, assignor to Induction Heating Corp., New York, N. Y. Induction heating apparatus. 2,394,944; Feb. 12.

Stanton, Warren F., Pawtucket, R. I., assignor, by mesne assignments, to American Car and Foundry Investment Corporation, New York, N. Y. Fuel mixture control. 2,408,104; Sept. 24.

Stanton, Warren F., Pawtucket, R. I., assignor, by mesne assignments, to American Car and Foundry Investment Corporation, New York, N. Y. Fuel mixture control. 2,408,348; Sept. 24.

Stanton, Warren F., deceased, by G. P. Stanton, administratrix, Pawtucket, R. I., assignor, by mesne assignments, to American Car and Foundry Investment Corporation, New York, N. Y. Fuel mixture control. 2,408,349; Sept. 24.

Stants, Levi B., Abilene, Kans. Mechanism for applying bale ties. 2,411,473; Nov. 19.

Staples, Dana R., Ridley Park, Pa., assignor to The Baldwin Locomotive Works. Locomotive control panel. 2,410,250; Oct. 29.

Staples, Elliott E., Glen Gardner, and B. Gonella, North Bergen, N. J. Educational device. 2,401,844; June 11.

Staples, Otis E., Euclid, assignor to The Cleveland Hobbing Machine Company, Cleveland, Ohio. Motor control. 2,395,591; Feb. 26.

Stapling Machines Co., assignee: *See*—
Stivers, Earl R.

Starck, Arthur M., Stamford, Conn. Extensible stand. 2,409,075; Oct. 8.

Stark, Donald A.: *See*—
Hueber, Carl J., and Stark.

Stark, Fred J., and G. H. Slack, Peoria, Ill., assignors to F. J. Stark, G. H. Slack, R. M. Rutledge, and H. A. Hirst, as trustees. Drying oils and preparation thereof. 2,399,697; May 7.

Stark, Louis, assignee, et al.: *See*—
Hamel, William W.

Stark, Rawson E.: *See*—
Stupakoff, Semon H., and Stark.

Stark, Rawson E., Greensburg, Pa., assignor to Stupakoff Ceramic & Manufacturing Co. Activating conductor of the second class. 2,398,866; Apr. 23.

Stark, William, and A. P. Gately, Wilmington, Calif., assignors to Todd Shipyards Corporation, New York, N. Y. Sand blasting apparatus. 2,409,722; Oct. 22.

Starkey, William Carleton, assignor, by mesne assignments, to Fletcher Trust Company, Indianapolis, Ind., as trustee. Reversing clutch construction. Re. 22,767; June 11.

Starkweather, Howard W.: *See*—
Calcott, William S., and Starkweather.

Starnes, James R., Toronto, Ontario, Canada, assignor, by mesne assignments, to Nusign Electric Limited. Interchangeable letter sign. Re. 22,801; Oct. 8.

Starr, Hugh O., Steubenville, Ohio, assignor to National Steel Corporation. Bloom wrench. 2,404,107; July 16.

Starr, James H., La Grange, and E. A. Goodnow, Glenview, assignors to Electro-Chemical Engineering Corporation, Chicago, Ill. Instrument box. 2,404,757; July 23.

Starr, Oscar L., Mission San Jose, assignor to Caterpillar Tractor Co., San Leandro, Calif. Piston ring and expander means therefor. 2,394,408; Feb. 5.

Starr, Oscar L., Mission San Jose, assignor to Caterpillar Tractor Co., San Leandro, Calif. Piston. 2,402,213; June 18.

Starret, Howard A., U. S. Army. Storage tank. 2,408,105; Sept. 24.

Starrett, L. S., Company, The, assignee: *See*—
Sisson, James G.

Starrett, Theodore, San Francisco, Calif. Can opener. 2,396,806; Mar. 19.

Start, Ernest: *See*—
Start, Harry W. and E.

Start, Harry W., Carlton, and E. Start, Wilford, assignors to George Blackburn and Sons Limited, Nottingham, England. Straight-bar knitting machine. 2,396,445; Mar. 12.

Stastney, Ladislav: *See*—
Sinclair, Albert L., and Stastney.

State College of Washington Research Foundation, assignee: *See*—
Dana, Homer J., and Clarke.

States, Marshall N., Evanston, assignor to R. C. Brown, Jr., Highland Park, Ill., trustee. Apparatus for making coffee. 2,403,691; July 9.

Statham, Thomas R., Camp Claiborne, La., E. A. Koenig, Dallas, and C. P. Caldwell, Greggton, Tex., assignors, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Pump station control system. 2,397,443; Mar. 26.

Stather-Dunn, Eustace, assignor to Betts & Company Limited, London, England. Manufacture of tin-plated lead collapsible tubes. 2,396,616; Mar. 12

Statia, Edwin V., Sr., Royal Oak, assignor of one-half to E. L. Chapman, Detroit, Mich. Radius to tangent compound angle dresser. 2,404,465; July 23.

Statler, Walter H.: *See*—
Miller, Louis G., and Statler.

Staub, Alfred: *See*—
Martin, Henry, Hirt, and Staub.

Staub, Charles R., assignor to Michigan Tool Company, Detroit, Mich. Gear shaving machine. 2,397,515; Apr. 2.

Staud, Cyril J.: *See*—
Pierke, Scheuring S., and Staud.

Staud, Cyril J., Rochester, N. Y. Tracing cloth. 2,409,990; Oct. 22.

Staud, Cyril J., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic material. 2,409,162; Oct. 8.

Staub, Herman, Wyomissing, Pa., assignor to Textile Machine Works. Yarn carrier with replaceable yarn guide eyelet. 2,403,310; July 2.

Staud, Cyril J., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic dry stripping material. 2,398,056; Apr. 9.

Staude, E. G., Manufacturing Company, assignee: *See*—
Staude, Edwin G., and Fischer.

Staude, Edwin G., Minneapolis, Minn. Counter for flat articles. 2,394,945; Feb. 12.

Staude, Edwin G., Minneapolis, and P. E. Fischer, assignors to E. G. Staude Manufacturing Company, St. Paul, Minn. Box making machine. 2,395,352; Feb. 19.

Staudinger, Hanns P., Ewell, and K. H. W. Tuerck, Banstead, England, assignors to The Distillers Company Limited, Edinburgh, Scotland. Manufacture of halogenated organic acids. 2,398,867; Apr. 23.

Staudinger, Hanns P., Ewell, and H. M. Hutchinson, Banstead, England, assignors to The Distillers Company Limited, Edinburgh, Scotland. Treatment of plastic surfaces. 2,400,720; May 21.

Stauffacher, Warner and W. A., Minneapolis, Minn. Restraining garment for infants. 2,404,108; July 16.

Stauffacher, Wilma A.: *See*—
Stauffacher, Warner and W. A.

Stauffer Chemical Company, assignee: *See*—
Brallier, Paul S.
Ross, Earl T., and Wilde.
Spealman, Max L.

Stauffer, Lynn H., Pattersonville, N. Y., assignor to General Electric Company. Current collector. 2,406,262; Aug. 20.

Stauffer, Robert E.: *See*—
Smith, William F., and Stauffer.

Staunton, Le Roy W., Evanston, J. W. Close, Lombard, and R. A. Hess, Chicago, assignors to Trinz Company Inc., Chicago, Ill. Wall covering and the like. 2,397,817; Apr. 2.

Stava, Robert J.: *See*—
Goldfield, Edwin R., and Stava.

Stavely, Homer E., Highland Park, N. J., assignor to E. R. Squibb & Sons, New York, N. Y. 17-acetyl-17-hydroxyperhydrocyclopentenophenanthrenes, anils, and oximes thereof, and preparing them. 2,411,172; Nov. 19.

Steabner, Robert, Detroit, Mich. Internal-combustion engine. 2,404,543; July 23.

Steans, Lionel H.: *See*—
Andrews, Earle R.

Steans, Lionel H., and E. R. Andrews, Los Angeles, Calif. Fastening device. 2,408,153; Sept. 24.

Stearn, Franklin A.: *See*—
Haigh, Leslie B., and Stearn.

Stearn, Franklin A., Westfield, N. J., assignor to Federal Telephone & Radio Corporation. Drop signal with vibration lock. 2,408,106; Sept. 24.

Stearns, Edison: *See*—
Armbruster, Frank, and Stearns.

Stearns, Edwin I., Jr.: *See*—
Royer, George L., and Stearns, Jr.

Stearns, Edwin I., Jr., North Plainfield, N. J., assignor to American Cyanamid Company, New York, N. Y. Flickering beam spectrophotometer. 2,413,660; Dec. 31.

Stearns, Edwin I., North Plainfield, and W. A. Shurcliff, Plainfield, N. J., assignors to American Cyanamid Company, New York, N. Y. Camouflage detection. 2,402,786; June 25.

Stearns, Horace M., Merrick, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Automatic volume control. 2,408,821; Oct. 8.

Stearns, Jason C., Worcester, Mass. Waterproof electric switch. 2,400,849; May 21.

Stearns Manufacturing Company, assignee: *See*—
Schutt, Walter G.

Steatite Research Corporation, assignee: *See*—
Snyder, Christopher L.

Stebbins, Alphonso: *See*—
Schreiber, Max, and Stebbins.

Stechbart, Bruno, Park Ridge, assignor to The Bell & Howell Company, Chicago, Ill. Optical reticle. 2,393,832; Jan. 29.

Stecher, Henry D., Lakewood, and J. N. Paquin, Euclid, assignors to The Weatherhead Company, Cleveland, Ohio. Copper brazing. 2,392,886; Jan. 15.

Stecher, Joseph L. S.: *See*—
Mitchell, Frederick C., Lawrence, and Stecher.
Stedman, Theodore W., New York, N. Y., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Reinforced tubing. 2,393,496; Jan. 22.
Steel Heddle Manufacturing Company, assignee: *See*—
Kaufmann, John J., Jr.
Steel Ingot Production, Inc., assignee: *See*—
Lindemuth, Lewis B.
Steel, John D., Fort Worth, Tex. Bomb sight. 2,401,521; June 4.
Steel Processing Company, assignee: *See*—
Urquhart, Norman J.
Steel Products Engineering Company, The, assignee: *See*—
Scholl, Clark.
Steele, Clellie T.: *See*—
Pierce, Jerry A., and Steele.
Steele, Frederick L., Snyder, N. Y., assignor to Curtiss-Wright Corporation. Combined headrest and emergency kit. 2,404,109; July 16.
Steele, Lawrence B., Jr.: *See*—
Clevenger, Clarence M., and Steele.
Steele, Sydney, New Castle, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Storage compartment in shape of catenary. 2,397,762; Apr. 2.
Steele, Sydney, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Textile rope-stacking apparatus. 2,403,311; July 2.
Steen, S. E., assignee: *See*—
Eilenberger, Stanley D.
Steenbergen, Charles, Point Pleasant, W. Va., assignor to Chesebrough Manufacturing Company, Consolidated, New York, N. Y. Bandage package. 2,402,982; July 2.
Steenstrup, Christian, Schenectady, N. Y., assignor to General Electric Company. Compressor. 2,394,409; Feb. 5.
Steet, Walter H.: *See*—
Lescher, George W., and Steet.
Steffen, Joseph A.: *See*—
Niles, Philip C., and Steffen.
Stegeman, Raymond F. E., Greece, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Magnifier. 2,394,946; Feb. 12.
Stegemeyer, Lou A., assignor to Emery Industries, Inc., Cincinnati, Ohio. Wax-like compounds. 2,393,202; Jan. 15.
Stegemeyer, Lou A., assignor to Emery Industries, Inc., Cincinnati, Ohio. Production of primary amines. 2,408,959; Oct. 8.
Stehle, Frank K., Philadelphia, Pa. Form for tying neckties. 2,412,480; Dec. 10.
Steiger, Leonard W., Hackensack, assignor to Maywood Chemical Works, Maywood, N. J. Wire supporting device and gas generator for use therewith. 2,392,199; Jan. 1.
Steiger, Norbert, Lock Haven, Pa., assignor to American Aniline Products, Inc., New York, N. Y. Sulphur dyestuffs. 2,412,922; Dec. 17.
Steigerwald, Joseph F.: *See*—
Heintz, Ralph M., Steigerwald, and Cahill.
Steigerwald, Libera L., Chicago, Ill. Infant's sleeping garment combination. 2,401,026; May 28.
Steil, Wallace B., San Francisco, Calif. Ladder assembly. 2,398,812; Apr. 23.
Steiman, Lawrence E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Fastening pulling machine. 2,403,621; July 9.
Stein, A., and Company, assignee: *See*—
Bullinger, Conrad.
Stein, Abraham: *See*—
Silver, Albert L., and Stein.
Stein, Frederick W.: *See*—
Jones, Edwin M., and Stein.
Stein, Frederick W., Atchison, Kans. Thermostatic switch. 2,406,443; Aug. 27.
Stein, George W., Los Angeles, Calif. Necktie. 2,396,446; Mar. 12.
Stein, Gerhard: *See*—
Flemming, Walter, and Stein.
Stein, Hall & Co., assignee: *See*—
Bauer, Hans F. and J. V., and Hawley.
Stein, Hall & Co., Inc., assignee: *See*—
Bauer, Hans F., and Glabe.
Caesar, George V.
Caesar, George V., and Goldfrank.
Glab, Elmer F.
Griffin, Ira L., Truax, and Nuttall.
Stein, John G., Chattanooga, Tenn. Loader. 2,399,698; May 7.
Stein, Lewis: *See*—
Meyer, Otto, and Stein.
Stein, Samuel P., Ocean Grove, N. J. Wind-operated device for generating electricity. 2,403,564; July 9.
Steinbach, Warner, Maplewood, N. J. Safety razor and blade magazine therefor. 2,410,314; Oct. 29.
Steinbeck, Edmund A., assignee: *See*—
Weyhing, August L.
Steinberg, Fritz: *See*—
Becker, Gottfried, Daeves, and Steinberg.
Steinberger, Harry J., and S. Sanders, Artesia, N. Mex. Swingable road sign. 2,409,076; Oct. 8.
Steiner, Arnold B.: *See*—
Clark, Donald E., Steiner, and Gibsen.
Steiner, Edward C., Fairlawn, N. J., assignor to Wright Aeronautical Corporation. Engine lubrication system. 2,393,833; Jan. 29.
Steiner, Edward C., Oklahoma City, Okla., assignor to Wright Aeronautical Corporation. Engine lubrication system. 2,393,834; Jan. 29.
Steiner, Herman L., assignor to Madison Manufacturing Company, Muskegon, Mich. Cutter. 2,408,891; Oct. 8.
Steiner, Oscar, assignor to Graflex, Inc., Rochester, N. Y. Operating aerial cameras for making flashlight aerial photographs. 2,393,575; Jan. 22.
Steingard, Arthur T., New York, N. Y. Carbon holder. 2,407,854; Sept. 17.
Steinglass, Sam, assignee: *See*—
Sklerov, Benjamin and H., and Solinsky.
Steinhauer, Fritz P., Chicago, Ill. Safety razor. 2,392,887; Jan. 15.
Steinhauer, Fritz P., Chicago, Ill. Safety razor. 2,400,721; May 21.
Steinhilber, Berthold, assignor of two-fifths to G. L. Anger, Worcester, Mass. Belt sander. 2,407,939; Sept. 17.
Steinhoff, John R., Washington, D. C. Apparatus for radio direction finding. 2,392,420; Jan. 8.
Steinman, Einathan H., assignee: *See*—
Haff, Robert C.
Steinmayer, Alwin G.: *See*—
Schultz, William O., and Steinmayer.
Steinmayer, Alwin G., assignor to Line Material Company, Milwaukee, Wis. Combined spark-gap and insulator. 2,392,342; Jan. 8.
Steinmayer, Alwin G., Milwaukee, assignor to Line Material Company, South Milwaukee, Wis. Electromagnetic induction apparatus. 2,401,984; June 11.
Steinmayer, Alwin G., Milwaukee, assignor to Line Material Company, South Milwaukee, Wis. Expulsion fuse. 2,409,077; Oct. 8.
Steinmayer, Alwin G., and W. O. Schultz, South Milwaukee, assignors to Line Material Company, Milwaukee, Wis. Multiple circuit interrupter. 2,400,850; May 21.
Steinmueller, Ralph E., assignor to Harry W. Dietert, Detroit, Mich. Sand rammer. 2,400,851; May 21.
Steinruck, Konrad: *See*—
Serini, Arthur, and Steinruck.
Schoeller, Walter, Inhoffen, Steinruck, and Hoss.
Steins, Carleton K., Merion, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Railway freight car. 2,399,950; May 7.
Steins, Carleton K., Merion, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Stoker. 2,410,529; Nov. 5.
Steins, Carleton K., Merion, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Locomotive. 2,413,119; Dec. 24.
Steinwand, Otto J., Redwood City, Calif. Preparing fruit for marmalades, etc. 2,407,801; Sept. 17.
Stellin, Domnic V., Bronx, N. Y. Socket head screw. 2,397,216; Mar. 26.
Stellwagen, Frank W.: *See*—
Doyle, Irving W., Nash, and Stellwagen.
Stelzer, William, Detroit, Mich. Hydraulic braking system. 2,396,897; Mar. 19.
Stelzer, William, Detroit, Mich. Hydraulic booster. 2,398,165; Apr. 9.
Stelzer, William, Detroit, Mich. Aircraft. 2,404,544; July 23.
Stelzer, William, East Orange, N. J. Booster brake mechanism. 2,401,892; June 11.
Stelzer, William, East Orange, N. J. Brake booster 2,404,932; July 30.
Stelzer, William, East Orange, N. J. Hydraulic brake mechanism. 2,407,856; Sept. 17.
Stemar Displays Company, assignee: *See*—
Einzig, Henry.
Stember, Bernard, Summit, N. J. Handbag. 2,399,898; May 7.
Stempel, Edward, Los Angeles, Calif. Suspenders. 2,409,810; Oct. 22.
Stempfl, Frederick, Wellston, assignor to Day-Brite Lighting, Inc., St. Louis, Mo. Electric lighting fixture. 2,400,267; May 14.
Stenning, Luis C.: *See*—
Bligh, Norman R., Heller, Stenning, and Chubb.
Stenographic Machines Inc., assignee: *See*—
Johnson, Clarence W., Sterling, and Wright, M. H. and R. T.
Wright, Milton H.
Stenson, Olaf, Chicago, and R. A. Vinson, Naperville, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Material forming apparatus. 2,393,718; Jan. 29.
Stenwall, Robert, Newaygo, assignor to Muskegon Piston Ring Company, Muskegon, Mich. Ring grinding machine. 2,397,298; Mar. 26.
Stepan, Alfred C., Jr., Chicago, Ill. Dispensing apparatus. 2,402,707; June 25.
Stephan, Fritz, Minneapolis, assignor to H. G. Benz, St. Paul, Minn. Charge forming system. 2,406,115; Aug. 20.
Stephan, Ingo L., Delanco, N. J. Aircraft landing gear. 2,394,496; Feb. 5.

Stephan, Ingo L., Delanco, N. J., assignor, by mesne assignments, to Philco Corporation, Philadelphia, Pa. Cavity tuning device. 2,409,321; Oct. 15.
Stephanoff, Nicholas N., Bryn Mawr, Pa., assignor to Thermo-Plastics Corporation, Camden, N. J. Method and apparatus for comminuting or drying materials 2,392,866; Jan. 15.
Stephanoff, Nicholas N., Bryn Mawr, Pa., assignor to Thermo-Plastics Corporation, Camden, N. J. Method and apparatus for dispersing or drying fluent material in high velocity elastic fluid jets. 2,413,420; Dec. 31.
Stephens, Foster M., assignor to The Fluor Corporation, Ltd., Los Angeles, Calif. Pulsation elimination in gas lines. 2,405,100; July 30.
Stephens, George H., Glencoe, assignor to Hammond Instrument Company, Chicago, Ill. Variable condenser. 2,394,047; Feb. 12.
Stephens, Henry N., White Bear, assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Water dispersed rubber adhesive. 2,411,905; Dec. 3.
Stephens, Henry N., White Bear, assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Water-dispersed tacky rubber adhesive. 2,412,182; Dec. 3.
Stephens, Henry N., G. B. Gehrenbeck, and D. R. Guthrie, White Bear Lake, assignors to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Chlorinated maleic anhydride adducts. 2,404,411; July 23.
Stephens, Robert M., Winnipeg, Manitoba, Canada. Vacuum cup. 2,404,412; July 23.
Stephens, William T., assignor to Hydraulic Control Engineering Company, Cleveland, Ohio. Hydraulic control valve. 2,392,421; Jan. 8.
Stephens, William T., assignor to Hydraulic Control Engineering Company, Cleveland, Ohio. Hydraulic control valve. 2,392,422; Jan. 8.
Stephens, William T., assignor to Hydraulic Control Engineering Company, Cleveland, Ohio. Hydraulic control system. 2,392,423; Jan. 8.
Stephens, William T., assignor to Hydraulic Control Engineering Company, Cleveland, Ohio. Hydraulic accumulator. 2,401,845; June 11.
Stephens, William T., assignor to Hydraulic Control Engineering Company, Cleveland, Ohio. Servomotor and control thereof. 2,406,173; Aug. 20.
Stephens, William T., assignor to Hydraulic Control Engineering Company, Cleveland, Ohio. Hydraulic press system. 2,407,855; Sept. 17.
Stephens, William T., assignor to Hydraulic Control Engineering Company, Cleveland, Ohio. Steering mechanism. 2,411,119; Nov. 12.
Stephens, William T., assignor to Hydraulic Control Engineering Company, Cleveland, Ohio. Full cycle hydraulic valve. 2,411,837; Nov. 26.
Stephenson, James E., assignor to General Railway Signal Company, Rochester, N. Y. Railway switch circuit controller. 2,394,215; Feb. 5.
Stephenson, Logan, assignee, et al.: *See*—
Schuetz, Thomas J., and Turnquist.
Stephenson, William B., Fond du Lac, Wis. Charcoal burner. 2,403,134; July 2.
Sterk, Borivoj V.: *See*—
Alessandroni, Hugh V., and Sterk.
Sterling Drug Inc., assignee: *See*—
Aneshansel, Carl W.
Sahyun, Melville.
Sahyun, Melville, and Faust.
Waite, Ralph B.
Sterling Engine Company, assignee: *See*—
Ridgway, Joseph W.
Sterling, Florence J., assignee: *See*—
Weber, Peter H.
Sterling, John G.: *See*—
Johnson, Clarence W., Sterling, and Wright, M. H. and R. T.
Sterling Tool Products Company, assignee: *See*—
Crosby, Stephen A.
Sterling Varnish Company, The, assignee: *See*—
Alexander, Don F.
Stern, Charles, Jersey City, N. J. Safety pressure relief valve. 2,392,009; Jan. 1.
Stern, Harold H., assignee, et al.: *See*—
Bassist, Rudolph.
Stern, Hilton S., Denver, Colo. Razor blade holder. 2,397,444; Mar. 26.
Stern, Norman, Great Neck, assignor to Anchor Slide Fastener Corp., New York, N. Y. Machine for manufacturing slide fasteners. 2,396,447; Mar. 12.
Stern, Raphael L.: *See*—
Bouchard, Frederick J., Gunness, and Stern.
Sternad, Frank S., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Tire building machine. 2,395,020; Feb. 19.
Sternberg, Heinz W.: *See*—
Rostler, Fritz S., Sternberg, and du Pont.
Sterne, Rita C., assignee, et al.: *See*—
Du Bois, Joseph E.
Sterner, Mauritz A., Forest Hills, N. Y. Making blankets. 2,395,917; Mar. 5.
Stertzbach, Harry W., assignor to The Buckeye Steel Castings Company, Columbus, Ohio. Side frame for railway car trucks. 2,406,862; Sept. 3.
Stetson, John B., Company, assignee: *See*—
Hodshon, Alfred E.
Hodshon, Alfred E., and Tucker.
Steuber, Charles H.: *See*—
McCullough, Paul J., and Steuber.
Steudel, George E., Chicago, Ill., assignor to Carnegie-Illinois Steel Corporation. Blast furnace tuyère. 2,394,497; Feb. 5.
Steuerman, Marek, London, England. Air preheater for furnaces and the like. 2,409,451; Oct. 15.
Stevens, Arthur M., Methuen, Mass. Wool storage and transporting mechanism. 2,412,844; Dec. 17.
Stevens, Arthur M., Methuen, Mass. Grapple fork. 2,412,845; Dec. 17.
Stevens, Bruce E.: *See*—
Majlinger, Anthony, and Stevens.
Stevens, Bruce E., Demarest, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Inductance device. 2,406,045; Aug. 20.
Stevens, Charles, Wellston, Ohio. Flaw detector for sheet material. 2,392,010; Jan. 1.
Stevens, Charles, Wellston, Ohio. Electrical inspection and sorting apparatus. 2,399,582; Apr. 30.
Stevens, Clarence C.: *See*—
Michelsen, Henry, and Stevens.
Stevens, Clinton L., Jamestown, N. Y. Manufactured article of furniture. 2,407,940; Sept. 17.
Stevens, Edward W., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Bucking bar control for riveting hammers. 2,411,561; Nov. 26.
Stevens, George, Campbell, assignor of one-third to P. Parthemos, Youngstown, Ohio. Mason's guide. 2,407,389; Sept. 10.
Stevens, Horace D., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Tire building apparatus (bead setting). 2,393,504; Jan. 22.
Stevens, John E., Silver Beach, assignor to Western Electric Company, Incorporated, New York, N. Y. Electrical connector. 2,410,691; Nov. 5.
Stevens, Joseph R.: *See*—
Keresztesy, John C., and Stevens.
Stevens, Leslie, Glen Ridge, N. J. Manufacture of deposited paper products. 2,411,066; Nov. 12.
Stevens, Nelson B., Woodhaven, assignor to Induction Heating Corp., New York, N. Y. Induction heating. 2,397,629; Apr. 2.
Stevens, Richard H., Baltimore, Md., assignor to Bethlehem Steel Company. Oscillating rotary shear. 2,410,555; Nov. 5.
Stevens, Roy R., Forest Hills, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure control mechanism. 2,396,448; Mar. 12.
Stevens, Roy R., Forest Hills, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Control apparatus. 2,400,442; May 14.
Stevens, Roy R., Forest Hills, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Control apparatus. 2,404,545; July 23.
Stevens, Roy R., Forest Hills, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Control apparatus. 2,406,264; Aug. 20.
Stevens, Roy R., Forest Hills, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Control apparatus. 2,413,390; Dec. 31.
Stevens, Roy R., Forest Hills, and E. G. Erson, Wilkinsburg, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Control system. 2,395,202; Feb. 19.
Stevens, Samuel S., Brookline, assignor to B. F. Sturtevant Company, Boston, Mass. Gas compressor station. 2,392,783; Jan. 8.
Stevens, Stanley S., Cambridge, Mass., assignor to the United States of America, represented by the Executive Secretary of the Office of Scientific Research and Development. Earphone socket. 2,408,490; Oct. 1.
Stevens, William G., Jr., Sykesville, Md. Method and apparatus for sizing and lubricating bullets. 2,403,032; July 2.
Stevenson, Burt C., Bloomington, Ind. Form for the erection of rammed earth walls. 2,400,852; May 21.
Stevenson Engineering Corporation, assignee: *See*—
Stevenson, Robert.
Walley, Herbert H., Jr.
Stevenson, Halsey B., Brandywine Hundred, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Improving filaments of hydrolyzed olefin/vinyl organic ester interpolymers. 2,411,474; Nov. 19.
Stevenson, Jordan & Harrison, Inc., assignee: *See*—
Vang, Alfred.
Stevenson, Lawrence J., Torrance, and L. L. Babcock, Compton, Calif., assignors to The National Supply Company, Pittsburgh, Pa. Method and apparatus for flame hardening. 2,410,134; Oct. 29.
Stevenson, Robert, Providence, R. I., assignor to Stevenson Engineering Corporation. Control for friction clutches. 2,393,835; Jan. 29.
Stevenson, Robert, Providence, R. I., assignor to Stevenson Engineering Corporation. Variable pitch propeller. 2,412,923; Dec. 17.
Stevenson, Wilbur W., Pittsburgh, Pa. Manhole guard. 2,393,126; Jan. 15.
Stever, William: *See*—
Diamond, Arthur R., and Stever.

Steven, William, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Supporting head for abrasive disks. 2,402,691; June 25.
Steven, William, Philadelphia, Pa., assignor to The Budd Company, Philadelphia, Pa. Backing pad for abrasive disks. 2,409,163; Oct. 8.
Steward, Douglas P., Pittsburgh, Pa., assignor to Carnegie-Illinois Steel Corporation. Resilient car wheel. 2,396,029; Mar. 5.
Steward, Wendell B., assignor to Schlumberger Well Surveying Corporation, Houston, Tex. Bridging plug. 2,399,766; May 7.
Stewart, Alan: *See*—
Hinkle, Edward F., and Stewart.
Stewart, Alexander, Mountain Lakes, N. J., and A. R. Pitzer, Hempstead, and L. M. Kebrich, Brooklyn, assignors to National Lead Company, New York, N. Y. Lead phthalates and preparing same. 2,412,784; Dec. 17.
Stewart, Carlton D.: *See*—
Hines, Claude M., and Stewart.
Stewart, Carlton D., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Speed differential detecting means. 2,395,203; Feb. 19.
Stewart, Charles R., assignee: *See*—
Fullerton, Robert H.
Stewart, Frederick William, Weston, W. Va., A. J. Reek, Carrick, Pa., and M. J. Kelly, assignors to Kelly Foundry and Machine Company, Elkins, W. Va. Apparatus for cooling molds. 2,402,708; June 25.
Stewart, George E., Canal Winchester, Ohio, assignor to Curtiss-Wright Corporation. Safety locking device. 2,397,516; Apr. 2.
Stewart, Hubert L., Edgewood, assignor to Koppers Company, Pittsburgh, Pa. Recovering pyridine bases. 2,410,906; Nov. 12.
Stewart, James A., Cornwallis, Nova Scotia, Canada, assignor to American Optical Company, Southbridge, Mass. Lens inspecting and layout device. 2,413,198; Dec. 24.
Stewart, James S., Portland, Oreg., assignor to Curved Plywood Products Co. Projectile case. 2,396,061; Mar. 5.
Stewart, Kenneth D., Carleton, Mich. Weed extractor. 2,394,568; Feb. 12.
Stewart, Meredith M., Beacon, N. Y., assignor to Iowa State College Research Foundation. Hydrogenation and dehydrogenation catalysts. 2,400,959; May 28.
Stewart, Robert, and A. Ploger, assignors to Continental-Diamond Fibre Company, Newark, Del. Molded, tapered tube. 2,400,031; May 7.
Stewart, Robert J., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Temperature control for heat exchange units. 2,393,941; Jan. 29.
Stewart, Robert J., assignor to Crown Cork & Seal Company, Baltimore, Md. Dust collector. 2,407,751; Sept. 17.
Stewart, Robert J., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Apparatus for mixing and filling beverages. 2,408,107; Sept. 24.
Stewart, Robert J., and H. R. Franz, assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Filling apparatus and valve. 2,399,300; Apr. 30.
Stewart, Ward W., Girard, Ohio. Slack controller. 2,405,135; July 2.
Stewart-Warner Corporation, assignee: *See*—
Berg, Howard O.
Budlane, Stanley J.
Davis, Ernest W.
Farr, Willard H., and Fagen.
Heymann, Seymour E.
Leslie, John H., II.
Malone, Homer F.
McCollum, Henry J. De N.
McCollum, Henry J. D. N., and Williams.
Norman, Horace M.
Parish, William C.
Pope, David M., and Spackman.
Schweistahl, Frederick G.
Spackman, Thomas F.
Wait, George T.
Wedeberg, Reuben.
Whitted, John B.
Williams, Lynn A., Jr.
Stewart, William M., Birmingham, Ala., assignor to Republic Steel Corporation, Cleveland, Ohio. Sintering iron ore sludge. 2,412,104; Dec. 3.
Stewart, Willis G.: *See*—
Tucker, Preston T., Stewart, and Tanner.
Stickel, Carl A., assignor to General Motors Corporation, Dayton, Ohio. Domestic appliance. 2,402,787; June 25.
Stiefel, Charles W., Jr., assignee: *See*—
De Villard, Jean F.
Stiefel, Karl J., Waltham, assignor to Raytheon Manufacturing Company, Newton, Mass. Voltage regulator. 2,399,266; Apr. 30.
Stieglitz, Albert, Berlin-Spandau, and B. Gärtner, Berlin-Wilmersdorf, Germany; vested in the Alien Property Custodian. Arrangement for controlling the power of internal-combustion engines. 2,396,618; Mar. 12.
Stieglitz, Henry M., assignor to Frank Adam Electric Company, St. Louis, Mo. Ring catch. 2,407,459; Sept. 10.
Stiff, Ray C., Jr.: *See*—
Truax, Robert C., Stiff, Schubert, Patton, and Youngquist.
Still, Abram C.: *See*—
Still, Thomas C. and A. C.
Still, Thomas C., Glendale, and A. C., La Crescenta, Calif. Electrical connector. 2,393,485; Jan. 22.
Stiller, Eric T., New York, N. Y., assignor to Merck & Co., Inc., Rahway, N. J. Racemic pantothenic acid, derivatives thereof and preparing same. 2,396,477; Mar. 12.
Stilley, Walter P., Newcastle, Tex. Well drilling apparatus. 2,400,853; May 21.
Stilwell, Glenn E.: *See*—
Kalmar, Arthur F., and Stilwell.
Stilwell, Glenn E., Riverside, assignor to Food Machinery Corporation, San Jose, Calif. Box and lid stop. 2,397,217; Mar. 26.
Stimpson, Edwin G.: *See*—
Weisberg, Samuel M., Stimpson, and Greenspan.
Weisberg, Samuel M., Stimpson, Greenspan, and Othmer.
Stimson, Allen G., Lynnfield, Mass., assignor to General Electric Company. Electrical measuring instrument. 2,411,010; Nov. 12.
Stine, Carl A., Van Nuys, assignor to Turco Products, Inc., Los Angeles, Calif. Piston cleaning apparatus. 2,394,338; Feb. 5.
Stine, James E., Aidan, and G. W. Borton, assignors to Pennsylvania Crusher Company, Philadelphia, Pa. Impactor. 2,411,302; Nov. 19.
Stines, Daniel E., Plainfield, N. J., assignor to Standard Oil Development Company. Extraction method. 2,400,378; May 14.
Stinson, Zetta, Clinton, Okla. Finger waving comb and curler. 2,401,117; May 28.
Stirlas, Jacob D., New York, N. Y. Coin register bank. 2,392,424; Jan. 8.
Stirlas, Jacob D., New York, N. Y. Forming apparatus. 2,394,819; Feb. 12.
Stirn, Frank E.: *See*—
Lee, John W., and Stirn.
Stirton, Robert I., Redondo Beach, assignor to Union Oil Company of California, Los Angeles, Calif. High compression motor fuel. 2,413,262; Dec. 24.
Stites, Joseph D., Chicago, Ill., assignor to American Isteg Steel Corporation, New York, N. Y. Reinforcement bar and making same. 2,405,274; Aug. 6.
Stith, George C., Cheriton, Va. Weeder. 2,398,474; Apr. 16.
Stivason, William L., Hamilton Square, assignor to The Whitehead Bros. Rubber Co., Trenton, N. J. Mandrel for forming enlarged vibration dampening elements in hose sections. 2,395,144; Feb. 19.
Stivason, William L., Hamilton Square, N. J., assignor to Whitehead Bros. Rubber Company, Trenton, N. J. Flexible pipe coupling. 2,409,960; Oct. 8.
Stivender, Edward H., West Allis, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Remote control system. 2,392,425; Jan. 8.
Stivender, Edward H., West Allis, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Regulating system for dynamo-electric machines. 2,392,426; Jan. 8.
Stivers, Earl R., Rockaway, N. J., assignor to Stapling Machines Co. Box. 2,405,463; Aug. 6.
Stixrud, John L., Los Angeles, Calif. Shorthand typewriting machine. 2,408,452; Oct. 1.
Stixrud, John L., Los Angeles, Calif. Shorthand typewriting machine. 2,408,453; Oct. 1.
Stober, Kenneth E., Midland, Mich., assignor to The Dow Chemical Company. Filling containers with resinous foam. 2,409,910; Oct. 22.
Stock, Charles R.: *See*—
Loukomsky, Serge A., and Stock.
Stock, Harry F.: *See*—
Wilson, Harry F., Wilson, and Heffelfinger.
Stocker, Closman P.: *See*—
Huge, Henry M.
Stocker, Oscar A.: *See*—
Freed, Meyer L., and Stocker.
Stockfeld, Harry H., New York, N. Y. Selling control system and machine therefor. 2,398,677; Apr. 16.
Stockham, Ward L.: *See*—
Akeysen, Swan M., and Stockham.
Stockman, Irving, New York, N. Y., assignor of one-half to M. Schoenbrun. Simplified duplicating device. 2,411,475; Nov. 19.
Stockpole Carbon Company, assignee: *See*—
Diehl, John F.
Stockstrom, Carl, Kimmswick, Mo. Airport. 2,404,933; July 30.
Stoddard, Richard R., assignee; *See*—
Holmes, Paul J.
Marsh, Delos E.
Stodola, Edwin K., Neptune, N. J. Electrical network. 2,397,992; Apr. 9.
Stodola, Edwin K., Neptune, N. J., assignor to The Government of the United States of America, as represented by the Secretary of War. Receiver protection circuit. 2,397,167; Mar. 26.
Stoehr, Walter H., Cheney, Kans. Soap container 2,406,571; Aug. 27.

Stoffiet, Harry F., Allentown, Pa., assignor to Bethlehem Steel Company. Ingot hook. 2,404,602; July 23.
Stokes, Charles C., Philadelphia, Pa. Material handling construction. 2,413,661; Dec. 31.
Stokes, Edward A.: *See*—
Vokes, Cecil B., and Stokes.
Vokes, Cecil G., and Stokes.
Stokes, F. J., Machine Company, assignee: *See*—
Pfeiliticker, Carl S.
Stokes, Jacob L., Scotch Plains, assignor to Merck & Co., Inc., Rahway, N. J. Bacterial processes. 2,406,174; Aug. 20.
Stokes, John C., assignor to Reed Roller Bit Company, Houston, Tex. Slush tube. 2,408,892; Oct. 8.
Stokes and Smith Company, assignee: *See*—
Bailey, Walter T.
Stokes, William E., Garden City, and M. H. Kennedy, Bronx, assignors to Standard Brands Incorporated, New York, N. Y. Food product. 2,412,305; Dec. 10.
Stolberg, Emil C.: *See*—
Evans, Morris S., and Stolberg.
Stolberg, Sven A., assignor to Russell Electric Company, Chicago, Ill. Retaining washer and the like. 2,411,761; Nov. 26.
Stoll, Arthur, R. Mörf, and J. Peyer, Basel, assignors to the firm Sandoz Ltd., Fribourg, Switzerland. Aromatic carboxylic acid amides and their manufacture. 2,401,522; June 4.
Stoll, Henry C., Jackson Heights, N. Y. Grinding wheel dressing attachment. 2,394,948; Feb. 12.
Stoll, Reinhold, Elgin, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Lapping apparatus. 2,412,306; Dec. 10.
Stoller, Hugh M.: *See*—
Morton, Edmund R., and Stoller.
Stoller, Hugh M., Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Speed control for motors. 2,395,080; Feb. 19.
Stoller, Hugh M., Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated. Pilot wave generator. 2,395,514; Feb. 26.
Stoller, Hugh M., Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Frequency detecting network. 2,395,515; Feb. 26.
Stoller, Hugh M., Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Speed control system for electric motors. 2,395,517; Feb. 26.
Stoltz, Charles E., assignor to Goodman Manufacturing Company, Chicago, Ill. Mine locomotive. 2,412,657; Dec. 17.
Stone, Albert R., Belair, Md. Power transmission system. 2,391,930; Jan. 1.
Stone, Albert R., Annesiie, Md. Automatic firing means for gyro stabilized guns. 2,394,021; Feb. 5.
Stone, Andrew J., New York, N. Y. Quick-freezing apparatus for food articles. 2,408,154; Sept. 24.
Stone, Edmund J., New York, N. Y. Collapsible device. 2,409,452; Oct. 15.
Stone, Ernest G., Denver, Colo. Livestock marking tool. 2,411,944; Dec. 3.
Stone, J., & Company Limited, assignee: *See*—
Crotch, William A.
Stone, Joseph E., South Euclid, Ohio, assignor to General Electric Company. Lamp filament connection. 2,404,992; July 30.
Stone, Louis, assignee: *See*—
Bergesen, Juneus.
Stone, Ordell E., Lake Mills, Wis. Sanitary pipe washer. 2,408,240; Sept. 24.
Stone, Paul, assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Riveting tool. 2,402,303; June 18.
Stone, Robert L.: *See*—
Nakken, Theodore H., and Stone.
Stone, Roy A.: *See*—
North, Edwin W., and Stone.
Stone, Spencer A., assignor to The Deister Concentrator Company, Fort Wayne, Ind. Flexible coupling. 2,398,261; Apr. 9.
Stone, Wilfred S.: *See*—
Gray, John De W., and Stone.
Stoneman, Alan C., Los Angeles, Calif. Manufacture of activated carbon. 2,402,304; June 18.
Stoner, Arthur M., West Hartford, assignor to The Jacobs Manufacturing Company, Hartford, Conn. Making chucks. 2,398,564; Apr. 16.
Stoner, Arthur M., West Hartford, assignor to The Jacobs Manufacturing Company, Hartford, Conn. Collet. 2,403,136; July 2.
Stoner, Arthur M., West Hartford, assignor to The Jacobs Manufacturing Company, Hartford, Conn. Double acting collet chuck. 2,403,768; July 9.
Stoner, Arthur M., West Hartford, assignor to The Jacobs Manufacturing Company, Hartford, Conn. Chuck release mechanism. 2,406,444; Aug. 27.
Stoner, Arthur M., West Hartford, assignor to The Jacobs Manufacturing Company, Hartford, Conn. Double-acting chuck. 2,413,421; Dec. 31.
Stoner, Frank, Lakewood, assignor to The Baker-Raulang Company, Cleveland, Ohio. Controller. 2,405,769; Aug. 13.
Stoner, Guy, Fort Dodge, Iowa. Brake latch. 2,399,835; May 7.
Stoner-Mudge, Inc., assignee: *See*—
Young, George H.
Stoner, Nancy F. and P. F., Indianapolis, Ind. Safety protector for shoes. 2,392,867; Jan. 15.
Stoner, Preston F.: *See*—
Stoner, Nancy F. and P. F.
Stoody Company, assignee: *See*—
Stoody, Shelley M., and Abos.
Stoody, Shelley M., and R. L. Abos, assignors to Stoody Company, Whittier, Calif. Making precision castings. 2,392,510; Jan. 2.
Stoody, Shelley M., and R. L. Abos, assignors to Stoody Company, Whittier, Calif. Machine for ramming up molds and the like. 2,401,198; May 28.
Stoops, William N., South Charleston, W. Va., and A. L. Wilson, Sharpsburg, Pa., assignors to Carbide and Carbon Chemicals Corporation. Antistatic treatment of vinyl resin articles. 2,403,960; July 16.
Stopper, Charles A., Fairview, N. J., assignor to Diamond Paper and Box Co., Philadelphia, Pa. Portable carton. 2,400,443; May 14.
Storch, Harold A., Fairview Village, Ohio. Molding apparatus. 2,410,312; Oct. 29.
Storch, Max H., Belle Harbor, Long Island, N. Y. Fabricating articles of decorative plastic elements. 2,393,486; Jan. 22.
Storch, Max H., Belle Harbor, Long Island, N. Y. Framing handbags. 2,393,487; Jan. 22.
Storer, John E., Jr., Indianapolis, Ind., assignor to General Motors Corporation, Detroit, Mich. Seal. 2,405,464; Aug. 6.
Storey, Oliver W., trustee: *See*—
Bussey, William H.
Storey, O. W., & Associates, assignee: *See*—
Bussey, William H.
Storm, Carl T. and L. H., Detroit, Mich. Motor vehicle identification tag holder. 2,396,757; Mar. 19.
Storm, Christian G.: *See*—
Woodberry, John H., Storm, Barker, Miles, Brayton, and Seavey.
Storm, Harry, Los Angeles, Calif. Electric lamp with two shades. 2,398,974; Apr. 23.
Storm, Herbert F., West Allis, Wis., assignor to Chicago Flexible Shaft Company, Chicago, Ill. Timing apparatus. 2,396,898; Mar. 19.
Storm, Louise H.: *See*—
Storm, Carl T. and L. H.
Storm Manufacturing Company, Inc., assignee: *See*—
Olsson, Olov J. E.
Storrie, William, Rumford, R. I., assignor to Apco Mossberg Company. Torque screw driver. 2,394,022; Feb. 5.
Stotter, Herbert J., Shaker Heights, Ohio. Lined carton. 2,407,802; Sept. 17.
Stout Engineering Laboratories: *See*—
Smith, Frank M.
Stout Houses, Incorporated, assignee: *See*—
Smith, Ward C.
Stout, Raymond K.: *See*—
Paulus, Charles L., and Stout.
Stout, William B., assignee, et al.: *See*—
Pischel, Adolph, and Stowe.
Stover, Harry E., Leonia, N. J., assignor to Anchor Hocking Glass Corporation, Lancaster, Ohio. Apparatus for sealing containers. 2,412,924; Dec. 17.
Stover, William A., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Alkylation process. 2,407,584; Sept. 10.
Stover, William A., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Alkylation process. 2,407,585; Sept. 10.
Stowe, De Witt C., Stockton, Calif. Hydraulic transmission. 2,398,124; Apr. 9.
Stowe, Harry F.: *See*—
Smith, Frank M.
Stowe, Stephen C.: *See*—
Hooker, George W., Drake, and Stowe.
Stowe, Vernon M., Collinsville, Ill., assignor to Aluminum Company of America, Pittsburgh, Pa. Purification of aluminum hydrate. 2,405,275; Aug. 6.
Stowell, Lyman C., Oaklawn, R. I. Tenter chain link. 2,410,907; Nov. 12.
Straat, Harold W., Irondequoit, assignor to Bausch & Lomb Company, Rochester, N. Y. Refractometer. 2,394,949; Feb. 12.
Strahm, Allen D., Tulsa, Okla. Coffee maker. 2,400,613; May 21.
Strahm, Gaylord E., Los Angeles, Calif. Honing tool. 2,403,409; July 2.
Strahman, Herman, Sr., assignee: *See*—
Jaegle, William C.
Straight, Merton T., Des Moines, Iowa. Wall construction. 2,411,477; Nov. 19.
Strain, Alfred A., Miami, Fla. Golf bag carrier. 2,399,518; Apr. 30.
Strain, Daniel E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of copolymers of monoethenoid compounds. 2,404,817; July 30.
Strain, Franklin: *See*—
Muskat, Irving E., and Strain.

Strain, Franklin, Barberton, Ohio, assignor to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Method of preparing esters. 2,392,621; Jan. 8.

Strain, Franklin, Barberton, Ohio, assignor to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Unsaturated carbamate. 2,397,631; Apr. 2.

Strain, Franklin, Norton Center, Ohio, assignor to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Dichloroformate preparation. 2,397,630; Apr. 2.

Strain, Franklin, Norton Center, Ohio, A. G. Chenicek, Elmhurst, Long Island, N. Y., and I. E. Muskat, Glenside, assignors to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Silicic acid esters. 2,394,642; Feb. 12.

Straitz, John F., Philadelphia, Pa., assignor to National Airoil Burner Company, Incorporated. Intermittent periodic control. 2,402,460; June 18.

Straley, James M.: *See*—
Dickey, Joseph B., Straley, and Stanin.

Strand, Steen: *See*—
Thorp, Joel R., and Strand.

Strandlund, Carl G., assignor to Deere & Company, Moline, Ill. Hydraulic power lift. 2,394,117; Feb. 5.

Strandlund, Carl G., assignor to Deere & Company, Moline, Ill. Plow bottom. 2,395,021; Feb. 19.

Strandlund, Carl G., assignor to Deere & Company, Moline, Ill. Hitch device. 2,403,410; July 2.

Strang, Earl A., Waukegan, Ill. Coal stoker. 2,396,899; Mar. 19.

Strang, John M., assignor to Barr & Stroud, Limited, Glasgow, Scotland. Range finder, height finder, and like optical measuring instrument. 2,394,340; Feb. 5.

Strang, John M., Glasgow, W. 3, Scotland, assignor to Barr and Stroud, Limited, Glasgow, Scotland. Range finder, height finder, and like optical measuring instruments. 2,394,880; Feb. 12.

Strang, John M., and I. C. Bell, assignors to Barr & Stroud, Limited, Glasgow, Scotland. Mechanism for the conversion of motion according to one law into motion according to another law. 2,398,198; Apr. 9.

Strang, John M., and C. Foster, assignors to Barr & Stroud, Limited, Glasgow, Scotland. Range finder, height finder, and like measuring instrument. 2,407,186; Sept. 3.

Strang, John M., and C. Foster, assignors to Barr & Stroud, Limited, Glasgow, Scotland. Range finder, height finder, and like optical measuring instrument. 2,407,187; Sept. 3.

Strang, S. Bartow, administrator: *See*—
Holmes, Ernest W.

Strange, John P.: *See*—
Yant, William P., Jacobson, and Strange.

Strano, Sam: *See*—
Jackes, Franklin R., and Strano.

Stransky, Leo G., assignee: *See*—
Engler, Fred E.

Stratford, Charles W., Kansas City, Mo., and C. Bartolero, Oakland, Calif., assignors to Stratford Development Corporation. Centrifugal pump. 2,395,793; Feb. 26.

Stratford Development Corporation, assignee: *See*—
Stratford, Charles W., and Bartolero.

Stratford, Reginald K., Corunna, Ontario, Canada, assignor to Standard Oil Development Company. Catalytic conversion of hydrocarbon oils. 2,396,758; Mar. 19.

Stratos Corporation, assignee: *See*—
Mercier, Pierre E.

Stratton, Estel R.: *See*—
Negovan, Albert, Stratton, and Roggie.

Stratton, Frank E. Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Fastening-inserting machine. 2,396,349; Mar. 12.

Stratton, Michael G., Weston, assignor to Compo Shoe Machinery Corporation, Boston, Mass. Electrostatic heating apparatus. 2,401,277; May 28.

Straub, Fred A.: *See*—
Ryan, Commodore D., Dempsey, Straub, and Tyler.

Straub, Fritz, Kaiseraugst, near Basel, and J. Brassel, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Disazo and polyazo benzidine type dyestuffs. 2,404,198; July 16.

Straub, Fritz, Kaiseraugst, near Basel, J. Brassel, and H. Mayer, assignors to the firm Society of Chemicals Industry in Basle, Basel, Switzerland. Trisazo metallizable dyestuffs. 2,408,961; Oct. 8.

Straubel, James W., trustee, assignee: *See*—
Straubel, Louis A., Sr.
Straubel, Louis A. and J. W.

Straubel, Louis A., Sr., assignor to J. W. Straubel, trustee, Green Bay, Wis. Creping machine. 2,409,997; Oct. 22.

Straubel, Louis A. and J. W.; said L. A. Straubel assignor to J. W. Straubel, trustee, Green Bay, Wis. Creping machine. 2,410,189; Oct. 29.

Straus, Walter K.: *See*—
Goepfert, Otto F., Straus, and Clayton.

Strauss Fasteners Inc., assignee: *See*—
Firing, Osborne.

Straussler, Nicholas, London, England. Propulsion device for amphibious vehicles. 2,398,057; Apr. 9.

Strawn, Lynn R.: *See*—
Grenko, John D., and Strawn.

Stray, William J.: *See*—
Leno, John A., and Stray.

Strayer, Edward R., Oreland, Pa., assignor to The S. S. White Dental Manufacturing Company. Orthodontic implement. 2,396,619; Mar. 12.

Strayer, Lawrence H., Kent, Ohio. Toy train coupler. 2,411,394; Nov. 19.

Streator Furniture Shops, Inc., assignee, et al.: *See*—
Pope, David M., and Spackman.

Strebel, Charles, J., assignee, et al.: *See*—
Plebanek, Leonard Z.

Streeh, Frederic, assignee: *See*—
Myers, John A.

Street, Donald T., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Optical prism system. 2,410,757; Nov. 5.

Streich, Paul B., Maywood, Ill., assignor to Charles Bruning Company, Inc., New York, N. Y. Continuous developing mechanism. 2,397,763; Apr. 2.

Streit, Fred H., Chicago, Ill. Necktie suspension unit. 2,403,834; July 9.

Strenitz, Maurice, Chicago, Ill., assignor to Industrial Patents Corporation. Making finely divided gelatin products. 2,392,297; Jan. 1.

Strezynski, George J., Chicago, Ill., assignor to The De Laval Separator Company, New York, N. Y. Centrifugal separating bowl. 2,410,313; Oct. 29.

Stribley, Arthur F., Jr.: *See*—
Farkas, Adalbert, and Stribley.

Strickland, Elizabeth D., assignor to Chemical Development Corporation, Dayton, Ohio. Packed tower. 2,394,023; Feb. 5.

Strickland, Elwin M., Detroit, assignor of one-half to A. F. Wall, Grosse Pointe, Mich. Work holding fixture. 2,408,491; Oct. 1.

Strickland, Harold A., Jr., Detroit, Mich., assignor, by mesne assignments, to Budd Induction Heating, Inc., Philadelphia, Pa. Intermittent billet heating. 2,400,472; May 14.

Strickland, Harold A., Jr., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Portable welding gun. 2,400,473; May 14.

Strickland, Harold A., Jr., Detroit, Mich., assignor, by mesne assignments, to Budd Wheel Company. Inductive heating apparatus. 2,400,660; May 21.

Strickland, Harold A., Jr., Detroit, Mich., assignor, by mesne assignments, to Budd Wheel Company. Induction heating apparatus. 2,402,508; June 18.

Strickland, Harold A., Jr., Detroit, Mich., assignor, by mesne assignments, to Budd Wheel Company. Apparatus for heat-treatment. 2,402,509; June 18.

Strickland, Harold A., Jr., Detroit, Mich., assignor, by mesne assignments, to Budd Wheel Company. Induction furnace load control. 2,402,852; June 25.

Strickland, Harold A., Jr., Detroit, Mich., assignor, by mesne assignments, to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Furnace heat indicator. 2,404,147; July 16.

Strickland, Harold A., Jr., Detroit, Mich., assignor, by mesne assignments to The Budd Company, Philadelphia, Pa. Induction heating apparatus. 2,405,985; Aug. 20.

Strickland, Harold A., Jr., Detroit, Mich., assignor, by mesne assignments, to The Budd Company, Philadelphia, Pa. Heat treatment of plastics. 2,406,714; Aug. 27.

Strickland, Harold A., Jr., Detroit, Mich., assignor, by mesne assignments, to The Budd Company, Philadelphia, Pa. Uniform energy supply. 2,406,715; Aug. 27.

Strickland, Harold A., Jr., Detroit, Mich., assignor, by mesne assignments, to The Budd Company, Philadelphia, Pa. Electric furnace machine. 2,408,350; Sept. 24.

Strickland, Royal F., Cleveland Heights, Ohio, assignor to General Electric Company. Basing for electric lamps and the like. 2,403,137; July 2.

Strid, Carl J., La Canada, Calif., assignor to Adel Precision Products Corp. Emergency hand pump selector valve. 2,397,299; Mar. 26.

Strid, Carl J., La Canada, Calif., assignor to Adel Precision Products Corp. Hydraulic pump. 2,404,547; July 23.

Strid, Sven J., assignor to T & S Corporation, Chicago, Ill. Cotter pin construction. 2,400,960; May 28.

Strike, George N., Los Angeles, Calif. Valve. 2,399,767; May 7.

Strike, George N., Los Angeles, Calif. Boiler. 2,400,174; May 14.

Striker, Henry O., Ypsilanti, Mich. Detachable luggage carrier. 2,401,388; June 4.

Stringer, Freeman, Kansas City, Mo. Folding barricade stand. 2,392,011; Jan. 1.

Stringham, Leonidas K., University Heights, assignor to The Lincoln Electric Company, Cleveland, Ohio. Apparatus for arc welding. 2,402,937; June 25.

Stringham, Leonidas K., University Heights, assignor to The Lincoln Electric Company, Cleveland, Ohio. Arc welding. 2,402,938; June 25.

Stritter, Karl A., Nahant, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe. 2,394,725; Feb. 12.

Stritter, Karl A., Nahant, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe sewing machine. 2,398,475; Apr. 16.

Stritter, Karl A., Nahant, Mass. Arch supporting shoe. 2,400,269; May 14.

Stritter, Karl A., Nahant, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Making shoes. 2,404,546; July 23.

Stritter, Karl A., Nahant, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Making shoes. 2,407,352; Sept. 10.

Stroback, B. H., et al., assignee: *See*—
Sells, Gale, Johnson, and Black.

Strobel, Charles K.: *See*—
Eskin, Samuel G., and Strobel.

Strobel, Charles K., Pittsburgh, assignor to Robertshaw Thermostat Company, Youngwood, Pa. Safety controls for gaseous fuel burners. 2,397,704; Apr. 2.

Strobel, Charles K., Pittsburgh, assignor to Robertshaw Thermostat Company, Youngwood, Pa. Control system for fuel burners. 2,403,411; July 2.

Strobel, Charles K., Pittsburgh, assignor to Robertshaw Thermostat Company, Youngwood, Pa. Control and ignition system for fuel burners. 2,406,925; Sept. 3.

Strobel, Charles K., Pittsburgh, assignor to Robertshaw Thermostat Company, Youngwood, Pa. Safety control apparatus for fuel burners. 2,411,642; Nov. 26.

Strobel, Charles K., Pittsburgh, Pa., and S. G. Eskin, Los Angeles, Calif., assignors to Robertshaw Thermostat Company, Youngwood, Pa. Ignition and safety control system for fuel burners. 2,403,412; July 2.

Strobel, Howard M., Allegany, N. Y. Group impulsed high-frequency generator. 2,395,647; Feb. 26.

Strobel, Howard M., Allegany, N. Y. Standing wave coupler. 2,409,991; Oct. 22.

Strobel, Howard M., Allegany, N. Y. Traveling wave coupler. 2,409,992; Oct. 22.

Strobell, John D., New Haven, Conn., assignor to The Safety Car Heating and Lighting Company, Inc. Liquid discharging device. 2,410,692; Nov. 5.

Strobridge Lithographing Company, The, assignee: *See*—
Wathen, Ernest L.

Strom, Charles F.: *See*—
Poulter, Thomas C., and Strom.

Stromberg-Carlson Company, assignee: *See*—
Brauer, Howard H., and Knebel.
Goldberg, Harold, and Thompson.
Henderson, Kenneth L., and De Mers.
Latchford, William B., and Holmes.
Miller, Donald B.
Morris, Frank A.
Powell, Winfred T.
Reed, Leland A.
Vincent, Andrew W.

Stromberg-Carlson Telephone Manufacturing Company, The, assignee: *See*—
Goldberg, Harold.
Slaymaker, Frank H.

Strommen, Einar A., Jamaica, assignor to Dictograph Products Company, Inc., New York, N. Y. Fitting hearing aid devices. 2,394,569; Feb. 12.

Strong, Jules Q., et al., assignee: *See*—
Mathieson, Colin W.

Strong, Jules Q., Ladue, assignor of fifty-five per cent to C. W. Mathieson, Sedalia, Mo., and fifteen per cent to P. H. Lamphere, Denver, Colo. Shoe construction. 2,410,530; Nov. 5.

Strong, Robert M., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control system. 2,409,911; Oct. 22.

Strong, Walter J., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Coupling expander. 2,394,341; Feb. 5.

Stroop, John H., New York, N. Y., assignor to Specialties Development Corporation, Bloomfield, N. J. Indicator. 2,393,346; Jan. 22.

Stroop, John H., New York, N. Y., assignor to Specialties Development Corporation, Bloomfield, N. J. Discharge device. 2,409,647; Oct. 22.

Strother, Charles B., Cincinnati, assignor of one-half to L. H. Forster, Dayton, Ohio. Coding and decoding chart for cryptography. 2,413,592; Dec. 31.

Stroud, William F., Humber Bay, assignor to Neptune Meters Limited, Long Branch, Ontario, Canada. Magnetic lock. 2,393,428; Jan. 22.

Stroup, Philip T., and C. B. Willmore, New Kensington, assignors to Aluminum Company of America, Pittsburgh, Pa. Metal recovery. 2,408,278; Sept. 24.

Stroup, W. L., assignee: *See*—
McClure, Fred B.

Strub, René, La Chaux-de-Fonds, Switzerland. Marine power plant. 2,405,676; Aug. 13.

Structural Patents Corporation, assignee: *See*—
Lachman, Maurice and L. S.

Structural Planeparts, Inc., assignee: *See*—
Mirel, Arthur G.

Struensee, Arthur E.: *See*—
Struensee, Louis C. and A. E.

Struensee, Arthur E., Fond du Lac, Wis. Foldable bottle basket. 2,398,166; Apr. 9.

Struensee, Louis C. and A. E., Oshkosh, Wis. Crop loader and unloader. 2,400,661; May 21.

Strunk, George W.: *See*—
Fassiotto, Attiglio A., and Strunk.

Struve, Walter, Mineola, N. Y. Blade sharpener. 2,392,784; Jan. 8.

Stuart, Alfred H.: *See*—
Tallman, Ralph C., and Stuart.

Stuart, Elizabeth R. B., assignee: *See*—
Stuart, Kimberly and Wilson.

Stuart, Joseph, III, Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Airplane. 2,397,632; Apr. 2.

Stuart, Joseph, II, and K. Wassen, assignors to Hercules Powder Company, Wilmington, Del. Charging mechanism. 2,412,658; Dec. 17.

Stuart, Kenneth E., assignor to Hooker Electrochemical Company, Niagara Falls, N. Y. Electrolytic alkali halogen cells. 2,392,868; Jan. 15.

Stuart, Kenneth E., Niagara Falls, N. Y., assignor to Hooker Electrochemical Company, Niagara Falls, N. Y. Electrolytic alkali chlorine diaphragm cell. 2,409,912; Oct. 22.

Stuart, Kimberly, Menasha, Wis., and A. B. Wilson, Evanston, Ill., said Wilson assignor, by mesne assignments, to E. R. B. Stuart, Menasha, Wis. Making containers. 2,393,347; Jan. 22.

Stuart Oxygen Co., assignee: *See*—
McCabe, Bernard L.

Stuart, Robert W., and D. Silverman, assignors to Stanolind Oil and Gas Company, Tulsa, Okla. Apparatus for electrical well logging. 2,398,868; Apr. 23.

Stubbins, William, assignor to D. P. J. Kelly, Toronto, Ontario, Canada. Advertising display device. 2,405,376; Aug. 6.

Stubbs, Harold V. G., near Towcester, assignor to The Plessey Company Limited, Ilford, England. Spark gap for use more particularly in high-frequency ignition systems for internal-combustion engines. 2,397,764; Apr. 2.

Stuck, Harold D., Andover, and W. W. Bolton, North Andover, assignors to John W. Bolton & Sons, Inc., Lawrence, Mass. Jordan engine lining. 2,409,453; Oct. 15.

Stucke, John, Philadelphia, Pa. Fuel manifolding means for radial cylinder engines. 2,395,918; Mar. 5.

Studebaker Corporation, The, assignee: *See*—
Butzbach, Orville K.
Fowler, Bert F.
Greenlee, Harry R.
Johnson, Arthur C.
Wagner, Edward F.

Studler, Aurele A., Los Angeles, Calif. Angle indicator and checking instrument. 2,406,515; Aug. 27.

Stuellein, William H.: *See*—
Dickinson, Robert C., Stuellein, and Florschutz.

Stuewe, Herbert A.: *See*—
Cannon, Edward J., and Stuewe.

Stuhlfauth, George: *See*—
Juvinall, James W., and Stuhlfauth.
King, John W., and Stuhlfauth.

Stuhlfauth, George, Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Article assembling apparatus. 2,394,881; Feb. 12.

Stuhlman, Frank A., Forest Park, and C. O. Bruestle, Rahway, N. J., assignors to Borg-Warner Corporation, Chicago, Ill. Safety control. 2,402,461; June 18.

Stuhr, Joseph H., U. S. Navy. Striking bag support structure. 2,411,173; Nov. 19.

Stull, John S., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Article assembling apparatus. 2,393,719; Jan. 29.

Stull, John S., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Tool guiding fixture. 2,412,459; Dec. 10.

Stuntz, Hans: *See*—
Bokovoy, Samuel A., and Stuntz.

Stupakoff Ceramic & Manufacturing Co., assignee: *See*—
Stark, Rawson E.
Stupakoff, Semon H.
Stupakoff, Semon H., and Stark.

Stupakoff, Semon H., assignor to Stupakoff Ceramic & Manufacturing Co., Latrobe, Pa. Electric resistance element and operating the same. 2,397,445; Mar. 26.

Stupakoff, Semon H., Latrobe, Pa., assignor to Stupakoff Ceramic & Manufacturing Co. Insulating seal. 2,402,927; June 25.

Stupakoff, Semon H., assignor to Stupakoff Ceramic & Manufacturing Co., Latrobe, Pa. Machine for threading coil forms. 2,409,993; Oct. 22.

Stupakoff, Semon H., assignor to Stupakoff Ceramic & Manufacturing Co., Latrobe, Pa. Production of fused articles. 2,412,925; Dec. 17.

Stupakoff, Semon H., Latrobe, and R. E. Stark, Greensburg, assignors to Stupakoff Ceramic & Manufacturing Co., Latrobe, Pa. Lathe. 2,392,427; Jan. 8.

Stupelli, Michael J.: *See*—
Hendel, Joseph A., and Stupelli.

Sturbelle, Lucien C., New York, N. Y. Production of potassium chloride and magnesia. 2,394,570; Feb. 12.

Sturbelle, Lucien C., New York, N. Y. Production of aluminum. 2,408,241; Sept. 24.

Sturdy-Cage Projects, Inc., assignee: *See*—
Cage, John M.

Sturdy, Leonard W., London, Ontario, Canada. Apparatus for forming can tops and lids. 2,413,591; Dec. 31.

Sturgeon, John F., El Dorado, Ark., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 2,397,218; Mar. 26.

Sturgess, Inc., assignee: *See*—
Cushman, Clifford E.
Sturgess, John, Cade, and Savitz.
Sturgess, John, and J. W. Cade, La Canada, and C. W. Savitz, Norwalk, assignors to Sturgess, Inc., Glendale, Calif. Cable tension regulator. 2,405,377; Aug. 6.
Sturgis, Bernard M.: *See*—
Neal, Arthur M., and Sturgis.
Sturgis Products Co., The, assignee: *See*—
Davidson, Leo E.
Sturhahn, Roland E.: *See*—
Christensen, Niels P., and Sturhahn.
Sturm, Frederick W.: *See*—
Jauch, Robert J., Hinds, and Sturm.
Sturm, Milton, & Company, et al., assignee: *See*—
Burlin, Leslie H.
Sturm, Milton L., et al., assignee: *See*—
Burlin, Leslie H.
Sturtevant, B. F., Company, assignee: *See*—
Bentley, Oliver D. H.
Blanchard, Charles E.
Ferre, Albert W.
Hagen, Harold F.
Koper, Charles H.
Lincoln, Roland L.
Stevens, Samuel S.
Stussi, Jackues: *See*—
Needham, Donald P., and Stussi.
Stuttman, Paul W., Waltham, assignor, by mesne assignments, to Raytheon Manufacturing Company, Newton, Mass. Gaseous electrical space discharge rectifying device. 2,403,033; July 2.
Stuttman, Paul W., Waltham, assignor, by mesne assignments, to Raytheon Manufacturing Company, Newton, Mass. Electrical gaseous discharge device. 2,404,413; July 23.
Stutz, Robert C., Buffalo, assignor to Niagara Blower Company, New York, N. Y. Apparatus for assembling fins and the like. 2,403,466; July 9.
Submarine Signal Company, assignee: *See*—
Barbour, Charles W., Jr.
Batchelder, Laurence.
Bates, Ralph E.
Beechlyn, John T.
Benioff, Hugo.
Clement, Ivan C.
Dallin, Edwin B.
Harrison, Bertram M.
Hart, Harold M.
Hart, Robert W.
Satterlee, Howard A.
Smith, Edward W.
Spilhaus, Athelstan F.
Turner, Edwin E., Jr.
White, Reaburn.
Williams, Robert L.
Suchke, Frederick M., assignor to Pioneer Atlanta Company, Inc., Atlanta, Ga. Dent frame for looms. 2,398,565; Apr. 16.
Suchy, Robert, and G. Messner, Bitterfeld, Germany; vested in the Alien Property Custodian. Cell for the production of metals by electrolysis of fused electrolytes. 2,407,691; Sept. 17.
Suddath, Henry N., Watertown, N. Y., assignor to The New York Air Brake Company. Air brake. 2,408,129; Sept. 24.
Sudhoff, Roy W.: *See*—
Rosenquist, Edward N., and Sudhoff.
Sudlow, Fred E., assignee: *See*—
Holsclaw, Neil.
Suelflow, Alfred G., deceased, G. I. Hansen, executor, assignor to Felins Tying Machine Company, Milwaukee, Wis. Pacage compressor for tying machines. 2,402,692; June 25.
Suelflow, Alfred G., deceased; G. I. Hansen, executor, assignor to Felins Tying Machine Company, Milwaukee, Wis. Vegetable washer. 2,412,430; Dec. 10.
Sugar Creek Creamery Company, et al. assignee: *See*—
Lundal, Ingle J., and Robichaux.
Suggs, Alfred M.: *See*—
Hensel, Franz R., Larsen, and Suggs.
Suhr, Henry B.: *See*—
May, Frank H., and Suhr.
Suhr, Henry B., and E. B. Fitch, assignors to American Potash & Chemical Corporation, Trona, Calif. Treating solutions of sodium carbonate and sodium sulphate to increase the ratio of sodium carbonate to sodium sulphate. 2,392,888; Jan. 15.
Suits, Chauncey G., Schenectady, N. Y., assignor to General Electric Company. Apparatus for electrothermic reactions. 2,399,951; May 7.
Suits, Chauncey G., Schenectady, N. Y., assignor to General Electric Company. Current-limiting fuse. 2,408,351; Sept. 24.
Sullivan, Alan P.: *See*—
Morgan, John D., and Sullivan.
Sullivan, Alan P., Elizabeth, N. J., assignor to Cities Service Oil Company, New York, N. Y. Gas analyzer. 2,404,993; July 30.
Sullivan, Alan P., Elizabeth, N. J., assignor to Cities Service Oil Company, New York, N. Y. Multiposition rotary switch. 2,411,478; Nov. 19.
Sullivan, Andrew J., assignee: *See*—
Carlson, Frederick O.
Sullivan, David J.: *See*—
Edgar, Donald E., and Sullivan.
Sullivan, David J., Fairfield, Conn., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Fuel container. 2,405,986; Aug. 20.
Sullivan, Doris, San Francisco, Calif. Toy. 2,412,759; Dec. 17.
Sullivan, Elizabeth J., assignor to Russell-Miller Milling Co., Minneapolis, Minn. Accelerated moisture conditioning and milling of grain. 2,413,472; Dec. 31.
Sullivan, Emmet J., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Gob forming mechanism. 2,402,462; June 18.
Sullivan, Francis M., North Bergen, N. J. Decolorizing oils and agents therefor. 2,408,454; Oct. 1.
Sullivan, George C., Hollywood, assignor to Lockheed Aircraft Corporation, Burbank, Calif. Fastening device. 2,403,247; July 2.
Sullivan, John J., Arlington, Mass., assignor of one-half to L. L. Witter, Boston, Mass. Pouring carton and blank. 2,403,138; July 2.
Sullivan, John O., Sioux City, Iowa. Conveyer construction. 2,405,530; Aug. 6.
Sullivan, Lee A., assignee: *See*—
Kahl, Charles N.
Sullivan Machinery Company, assignee: *See*—
Baldwin, Clyde P., and Vanderzee.
Dean, Maxwell O.
Osgood, Charles F.
Paget, Win W.
Rice, Edward A.
Simmons, Leon E.
Sullivan, Miles V., Washington, D. C., assignor, by mesne assignments, to William C. Clay. Novelty device. 2,402,463; June 18.
Sullivan, Raymond H., Rochester, N. Y., assignor to General Motors Corporation, Detroit, Mich. Dynamoelectric machine. 2,399,765; May 7.
Sullivan, Thomas H., Salem, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Gun carriage. 2,412,367; Dec. 10.
Sullivan, William A.: *See*—
Weiss, Frederick T., and Sullivan.
Sulzer Frères, Société Anonyme, assignee: *See*—
Huber, Walter.
Kilchenmann, Walter.
Lieberherr, Hans.
Moessinger, Albert.
Traupel, Walter.
Zollikofer, Otto.
Suman, Robert W., Chicago, Ill., assignor to Link-Belt Company. Trolley conveyer. 2,411,906; Dec. 3.
Summerbell, William, Watervliet, N. Y. Breech block mechanism. 2,398,453; Apr. 16.
Summerbell, William, Washington, D. C. Threadless retainer. 2,402,693; June 25.
Summerfield, Martin: *See*—
Young, David A., and Summerfield.
Summerfield, Martin, Pasadena, assignor to Aerojet Engineering Corporation, Azusa, Calif. Jet propulsion motor. 2,405,465; Aug. 6.
Summerfield, Martin, Pasadena, assignor to Aerojet Engineering Corporation, Azusa, Calif. System of jet propulsion. 2,406,926; Sept. 3.
Summerfield, Martin, Pasadena, and D. A. Young, Arcadia, assignors to Aerojet Engineering Corporation, Azusa, Calif. Motor. 2,398,125; Apr. 9.
Summerford, Simpson D., Baton Rouge, La., assignor to Standard Oil Development Company. Procedure for olefin dehydrogenation. 2,401,846; June 11.
Summers, Claude M., Fort Wayne, Ind., assignor to General Electric Company. Synchronous motion transmission system. 2,402,928; June 25.
Summers, J. Mills, Englewood, N. J., assignor to Camloc Fastener Corporation, New York, N. Y. Water and gas proof separable fastener. 2,395,695; Feb. 26.
Summers, John W., Kelowna, British Columbia, Canada. Centrifugal pump. 2,393,127; Jan. 15.
Summers, Otto M., Mount Gilead, Ohio, assignor to The Hydraulic Development Corp., Inc., Wilmington, Del. Precision pressure measuring press. 2,399,404; Apr. 30.
Summers, Otto M., Mount Gilead, Ohio, assignor to H-P-M Development Corporation, Wilmington, Del. Stress free stud. 2,407,586; Sept. 10.
Summers, Thomas O., Jr., Los Angeles, Calif. Attitude-indicating flight instrument. 2,404,603; July 23.
Summers, Thomas O., Jr., Los Angeles, Calif. Friction-actuated erecting mechanism. 2,412,481; Dec. 10.
Sumner, George L., Jr.: *See*—
Berg, Lloyd, Sumner, and Montgomery.
Sumpter, Walter F.: *See*—
Bleber, Clarence G., Franke, and Sumpter.
Sun Chemical Corporation, assignee: *See*—
Langstroth, Theodore A.
Lipton, Morris.
Neuberg, Carl A., and Roberts.
Southard, Stanley H.
Zerner, Ernst, Davies, and Pollak.
Zerner, Ernst, and Kaplan.
Wekeman, Stephen N.

Sun Oil Company, assignee: *See*—
Courtenay, William A., Jr.
Johnson, Herbert L., and Perrine.
Lipkin, Moses R.
Perrine, John H.
Winn, William E., and Dougherty.
Sun Rubber Company, The, assignee: *See*—
Kempthorn, David C.
Sun Shipbuilding & Dry Dock Company, assignee: *See*—
Howard, Cecil D.
Sundback, Gideon, Meadville, Pa. Making slide fastener stringers. 2,410,135; Oct. 29.
Sundby, Harold C., assignor of one-half to T. Y. Olsen, Philadelphia, Pa. Lighter. 2,413,473; Dec. 31.
Sundell, Albert T., Chicago, Ill. Auxiliary power plant for airplanes. 2,395,919; Mar. 5.
Sunstrand Machine Tool Co., assignee: *See*—
Anderson, Bertil T.
Ericson, Alfred G., and Anderson.
Wahlmark, Gunnar A.
Sundstrand, Oscar J., West Hartford, Conn., assignor to Underwood Corporation, New York, N. Y. Typewriting machine. 2,394,950; Feb. 12.
Sundstrom, Savin L.: *See*—
Buttner, William C., and Sundstrom.
Sundt, Vigo von K., assignor to Gisholt Machine Company, Madison, Wis. Apron feed change mechanism. 2,395,433; Feb. 26.
Sundt, Vigo von K., assignor to Gisholt Machine Company, Madison, Wis. Stop rod index for lathes. 2,395,696; Feb. 26.
Supack, Isidor, Bronx, N. Y. Roofing material. 2,404,994; July 30.
Super, Ralph K.: *See*—
Alden, Herbert W., Buckendale, and Super.
Superdraulic Corporation, assignee: *See*—
Hoffer, James F.
Superheater Company, The, assignee: *See*—
Griffin, Joseph F., and Rawson.
McKee, Neal T.
Ostermann, Rudolf M.
Sarafin, Boris.
Super Mold Corporation of California, assignee: *See*—
Glynn, Edwin A.
Super Tool Company, assignee: *See*—
Brocker, Emil.
Goldsmith, Thomas R.
Superior Carbon Products Co., Inc., assignee: *See*—
Wikle, Hugh H.
Superior Funeral Supply Corporation, assignee: *See*—
Lange, Morris, and Brockman.
Superior Steel Corporation, assignee: *See*—
Egan, Francis A.
Frost, Frank R.
Keene, Walter L.
Supply Division, Inc., assignee: *See*—
Clark, Thomas C., Jr.
Surdy, Charles J., Erie, Pa., assignor to The Standard Stoker Company, Incorporated. Steam motive power. 2,408,701; Oct. 1.
Surface Combustion Corporation, assignee: *See*—
Beggs, Don.
Cone, Carroll.
De Coriolis, Ernest G.
Hepburn, William M., and Owen.
Turin, John J., and Peters.
Suska, Charles R., Dayton, Ohio, and G. T. Downey, assignors to Aero Supply Mfg. Co., Inc., Corry, Pa. Lockable control device. 2,399,583; Apr. 30.
Sussin, Victor: *See*—
Sonne, Frederick T., and Sussin.
Sussman, Sidney, Moorestown, N. J., assignor to The Permutit Company, New York, N. Y. Amination of amine-saccharide resins. 2,392,105; Jan. 1.
Susswein, Samuel, assignor to E. P. Reed & Co., Rochester, N. Y. Box toe shoe construction. 2,394,216; Feb. 5.
Sutcliffe, Harry L., assignor to H. B. Delman, New York, N. Y. Article of footwear. 2,395,767; Feb. 26.
Sutcliffe, Peter, Jr., Birtle, Manitoba, Canada. Grain spring for binder knotters. 2,393,836; Jan. 29.
Suter, Henry, assignor of one-fourth to W. Ockrant, Cincinnati, Ohio. Velocity measuring system. 2,402,464; June 18.
Suter, Henry, assignor of one-fourth to W. Ockrant, Cincinnati, Ohio. Frequency control. 2,413,263; Dec. 24.
Sutherland, Charles A. R.: *See*—
Shakesby, Leonard, Sutherland, and Smith.
Sutherland Paper Company, assignee: *See*—
Annen, James E.
Buttery, Kenneth T.
Sutherland, Richard V., Palatine, Ill., assignor to Charles Bruning Company, Inc., New York, N. Y. Photographic printing mechanism. 2,402,929; June 25.
Sutter, Paul: *See*—
Holbro, Theodor, Kern, and Sutter.
Sutterfield, Noel H.: *See*—
Powers, Milton A., and Sutterfield.
Suttles, Omar, Los Angeles, Calif. Cooking utensil. 2,411,345; Nov. 19.
Sutton, Bernard G., Algonac, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Valve. 2,412,232; Dec. 10.
Sutton Engineering Company, assignee: *See*—
Sutton, John B.
Sutton, Frank, assignor to Saunders Valve Company Limited, Cwmbran, England. Fluid controlling valve. 2,412,105; Dec. 3.
Sutton, Harry A., San Diego, Calif., assignor to Consolidated Vultee Aircraft Corporation. Turret construction. 2,392,106; Jan. 1.
Sutton, Henry M., deceased, by F. E. Wood, executor, assignor to Sutton, Steele & Steele, Incorporated, Dallas, Tex. Method and apparatus for removal of heavy objectionable material from cereals, legumes, and other food products. 2,404,414; July 23.
Sutton, John B., Bellefonte, assignor to Sutton Engineering Company, Pittsburgh, Pa. Round straightener. 2,411,395; Nov. 19.
Sutton, John C., assignor to The Brearley Company, Rockford, Ill. Bathroom scale weight adjustment 2,405,619; Aug. 13.
Sutton, Mark, Hammond, and C. W. Nysewander, Highland, Ind., assignors to Standard Oil Company, Chicago, Ill. Aluminum halide hydrocarbon conversion system. 2,395,022; Feb. 19.
Sutton, Otis B., assignor to The Hoover Company, North Canton, Ohio. Refrigeration. 2,405,169; Aug. 6.
Sutton, Steele & Steele, Incorporated, assignee: *See*—
Sutton, Henry M.
Sutton, Walter C., Shaker Heights, assignor to The S. K. Wellman Company, Cleveland, Ohio. Method and apparatus for grinding plane surfaces. 2,402,305; June 18.
Sutton, William S., Rockford, Ill. Burner. 2,407,188; Sept. 3.
Suyat, Sofronio M., Santa Monica, Calif. Toy. 2,400,175; May 14.
Suydam, Joseph W., Blue Point, N. Y. Electric motor. 2,402,214; June 18.
Svartz, Nanna: *See*—
Askelof, Eric E. A., Svartz, and Willstaedt.
Sveda, Michael, Clifton, N. J. Ice cutter. 2,397,571; Apr. 2.
Svenska Aktiebolaget Bromsregulator, assignee: *See*—
Browall, Bert H.
Svenska Cellulosa Aktiebologet, assignee: *See*—
Ormrell, Ernst A. I.
Svenska Diamanthborgborrnings Aktiebolaget, assignee: *See*—
Lidén, Ake, and Malmborg.
Svenska Jästfabriks Aktiebologet, assignee: *See*—
Rosenqvist, Sven O.
Svenson, Ernest J., Rockford, assignor, by mesne assignments, to Odin Corporation, Chicago, Ill. Material working apparatus. 2,395,518; Feb. 26.
Svensson, Rolf A.: *See*—
Rost, Helge F., Claesson, and Svensson.
Svete, Edward M., North Chicago, Ill. Piston. 2,394,269; Feb. 5.
Svirsky, Bennett, Glendale, Calif. Antisiphoning refill tube. Re. 22,727; Feb. 26.
Svirsky, Bennett, Glendale, Calif., assignor to Research Developing Associates, Inc., Holyoke, Mass. Water control for toilet tanks. 2,412,760; Dec. 17.
Svoboda, Antonin, Forest Hills, N. Y. Spring device. 2,395,768; Feb. 26.
Svoboda, Ralph E., assignee: *See*—
Vogl, Walter W.
Swahn, Gudrun E., assignee: *See*—
Bakke, Robert.
Swain, Frank E., Ewell, England. Flexible pipe. 2,394,270; Feb. 5.
Swallow, William D., assignor of two-thirds to H. E. and G. S. Pelton, Los Angeles, Calif. Torsional vibratory electric motor. 2,413,340; Dec. 31.
Swan, Donald R., and J. M. Calhoun, assignors to Eastman Kodak Company, Rochester, N. Y. Stabilization of nitrocellulose film base. 2,407,209; Sept. 3.
Swan-Finch Oil Corporation, assignee: *See*—
Hartwig, Carl E., and Roehrenbeck.
Swan, Harry L., Brinkley, Ark. Hypodermic needle case. 2,400,722; May 21.
Swan, Kenneth C., and N. G. White, Iowa City, Iowa. Choline-like compounds. 2,408,893; Oct. 8.
Swaney, C. Barnett, assignee, et al.: *See*—
Swaney, Robert C.
Swaney, Laura B., guardian, assignee: *See*—
Swaney, Robert C.
Swaney, Mary J., assignee, et al.: *See*—
Swaney, Robert C.
Swaney, Miller W.: *See*—
Asbury, Willard C., and Swaney.
Swaney, Robert C., assignor of one-fourth to L. B. Swaney, one-fourth to L. B. Swaney as guardian of C. B. Swaney, one-fourth to L. B. Swaney as guardian of M. J. Swaney, Newton, Mass. Tractor crane. 2,413,529; Dec. 31.
Swank, Mary E., New York, N. Y. Bottle holder. 2,397,059; Mar. 19.
Swann, Edward R., Floral Park, N. Y., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,409,078; Oct. 8.
Swann, James S., Homewood, assignor to Standard Railway Equipment Manufacturing Company, Chicago, Ill. Railway car wall. 2,403,467; July 9.

Swann, James S., Homewood, assignor to Standard Railway Equipment Manufacturing Company, Chicago, Ill. Paneled steel roof. 2,406,863; Sept. 3.

Swann, James S., Homewood, assignor to Standard Railway Equipment Manufacturing Company, Chicago, Ill. Railway car roof structure. 2,409,079; Oct. 8.

Swann, James S., Homewood, assignor to Standard Railway Equipment Manufacturing Company, Chicago, Ill. Coupler operating mechanism. 2,409,322; Oct. 15.

Swanson, Arthur H., Lafayette Hill, assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring and controlling apparatus. 2,413,120; Dec. 24.

Swanson, Earl C., assignor to Andersen Corporation, Bayport, Minn. Sash pulley and mounting therefor. 2,396,213; Mar. 5.

Swanson, Edwin C.: *See*—
Abramson, John H., and Swanson.

Swanson, Edwin C., and C. O. R. Rudeen, assignors to Greenlee Bros. & Co., Rockford, Ill. Recess tool for trepalls and dowels. 2,394,726; Feb. 12.

Swanson, Gunnar E., New Britain, Conn. Cylinder lock. 2,405,911; Aug. 13.

Swanson, Joseph O., Jackson County, Mo. Clothes line post. 2,399,070; Apr. 23.

Swanson, Mark, Washington, D. C. Luminescent material and preparing the same. 2,396,298; Mar. 12.

Swanson, Nils E., New York, N. Y., assignor to General Motors Corporation, Detroit, Mich. Riveting machine. 2,393,720; Jan. 29.

Swanson, Nils H., Zion, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Punching apparatus. 2,398,476; Apr. 16.

Swanson, Rudolph E., Riverside, R. I., assignor to Inlaid Optical Corporation. Detachable sweat band for eyeglasses. 2,393,837; Jan. 29.

Swanson, Victor T., assignor to Wire Machinery Corporation of America, Incorporated, New Haven, Conn. Prestressing cable. 2,398,975; Apr. 23.

Swart, Jay N., Woodbury, Conn., assignor to The Bristol Company, Waterbury, Conn. Telemetric apparatus. 2,405,801; Aug. 13.

Swart, Leland K., Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Protection of communication circuit elements. 2,403,468; July 9.

Swart, Richard H., Royal Oak, Mich. Refrigerating apparatus. 2,398,262; Apr. 9.

Swarthmore National Bank and Trust Company, administrator: *See*—
Frall, Harry B.

Swartwood, Claude N.: *See*—
McMullen John and J. F., and Swartwood.

Swartz, Edward, Belmont, Mass. Method of and apparatus for dissolving salt. 2,412,106; Dec. 3.

Swartz, James J.: *See*—
Sloan, William E., and Swartz.

Swartz, Milton D., Baltimore, and K. N. Yellott, Cockeysville, assignors to Farboil Paint Company, Inc., Baltimore, Md. Manufacturing electrical conductors having a knitted protective jacket. 2,391,931; Jan. 1.

Swartzbaugh Manufacturing Company, The, assignee: *See*—
Baunach, Roy J.

Swartzel, Karl D.: *See*—
Caughey, William K., and Swartzel.
Dovell, Clarence A., Parkinson, Swartzel, and Weber.

Swartzel, Karl D., Jr.: *See*—
Ach, Henry G., and Swartzel.

Swartzel, Karl D., Jr., Teaneck, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Summing amplifier. 2,401,779; June 11.

Swasey, David L., Taunton, Mass., assignor to Electric Boat Company, Groton, Conn. Camouflage net. 2,402,709; June 25.

Swazey, Edward S., assignor to Trimble Nurseryland Furniture, Inc., Rochester, N. Y. Portable play pen for children. 2,409,598; Oct. 15.

Swearingin, Mildred, Washington, D. C. Book rack. 2,402,930; June 25.

Swebilius, Carl G., assignor to The High Standard Manufacturing Company, Hamden, Conn. Belt-holding pawls for machine guns. 2,392,012; Jan. 1.

Swebilius, Carl G., assignor to The High Standard Manufacturing Company, Hamden, Conn. Sear-actuating means for machine guns. 2,395,023; Feb. 19.

Swebilius, Carl G., assignor to The High Standard Manufacturing Company, Hamden, Conn. Extractor-switch mechanism for machine guns. 2,404,325; July 16.

Sweeney, Floyd D., Fresno, Calif. Fishing lure. 2,402,853; June 25.

Sweeney, James, Detroit, Mich. Nonskid chain. 2,403,312; July 2.

Sweeney, Joseph L., Jackson Heights, N. Y. Shorthand typewriting machine. 2,399,769; May 7.

Sweeney, William J.: *See*—
Cummings, George H., Sweeney, and Fenske.
Davis, Garland H. B., Sweeney, and Herbst.

Sweeney, William J., Elizabeth, N. J., and M. R. Fenske and G. H. Cummings, State College, Pa., assignors of one-half to Standard Oil Development Company and one-half to Röhm & Haas Company. Refining hydrocarbon oils. 2,396,299. Mar. 12.

Sweet, Monroe H., Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. Direct reading densitometer. 2,406,716; Aug. 27.

Swengel, Robert C., assignor to Aircraft-Marine Products, Inc., Harrisburg, Pa. Tool. 2,411,838; Nov. 26.

Swennes, Benjamin A.: *See*—
Carlson, Raymond A., and Swennes.

Swennes, Benjamin A., Rockford, Ill., and L. E. Shelton, Kalamazoo, Mich., assignors to Borg-Warner Corporation, Chicago, Ill. Mounting for automotive motor and transmission assembly. 2,413,264; Dec. 24.

Swensen, Albert D., Washington, D. C. Rubber seal aging testing apparatus and method. 2,412,638; Dec. 17.

Swensen, Albert D., Washington, D. C., and R. D. Williams, Jr., U. S. Navy. Article supporting apparatus. 2,411,174; Nov. 19.

Swenson, Carl E., and A. Y. Dodge, Rockford, Ill. One-way clutch and bearing. 2,408,962; Oct. 8.

Swenson, Edward R.: *See*—
Puls, Alfred E., and Swenson.

Swenson, Harvey F., Seattle, Wash. Control of saw-blade tension in band-saw machines. 2,395,237; Feb. 19.

Swenson, Joseph W., Summit, N. J., assignor to The Ruberoid Co., New York, N. Y. Tool for cutting asbestos-cement board or the like. 2,395,978; Mar. 5.

Swenson, Reuben A., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Greases. 2,413,121; Dec. 24.

Swenson, Reuben A., Whiting, Ind., assignor to Standard Oil Company, Chicago, Ill. Greases. 2,413,122; Dec. 24.

Swerdloff, Will: *See*—
Gorin, Manuel H., and Swerdloff.

Swern, Daniel: *See*—
Wells, Percy A., and Swern.

Swern, Daniel, Philadelphia, Pa., assignor to United States of America, as represented by The Secretary of Agriculture. 9,10-epoxyoctadecanol and its preparation. 2,411,762; Nov. 26.

Swezey, Burdette S., Floral Park, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph signal enciphering key tape producing device. 2,406,046; Aug. 20.

Swiatecka, Rosa, administratrix: *See*—
Swiateckl, Wladyslaw.

Swiatecki, Wladyslaw, Blackpool, England, deceased, Rosa Swiatecka, administratrix. Device for releasing heavy objects, particularly for dropping bombs from aircraft. 2,394,571; Feb. 12.

Swift, Clifford L.: *See*—
Carnagua, Harold E., and Swift.

Swift, Frank H., Portland, Oreg., assignor to Crown Zellerbach Corporation, San Francisco, Calif. Hydraulic barker for slabs. 2,413,341; Dec. 31.

Swift, George W., Jr., Inc., assignee: *See*—
Bruker, Hobart W.

Swift, Willard E., Jr., Worcester, Mass. Torque amplifier. Re. 22,779; Aug. 13.

Swift, Willard E., Jr., Worcester, Mass. Combined periscope-telescope. 2,392,428; Jan. 8.

Swift, Willard E., Jr., Worcester, Mass. Protection against bullet spatter. 2,406,047; Aug. 20.

Swinehart, Frank, Medina, assignor to The Brush Development Company, Cleveland, Ohio. Piezoelectric device. 2,393,429; Jan. 22.

Swinehart, Oscar E., assignor to The Martin Band Instrument Company, Elkhart, Ind. Valve action for cornets, trumpets, and like instruments. 2,404,818; July 30.

Swingle, Artro W., Schenectady, G. H. Pettibone, Scotia, and J. E. Dill, Schenectady, N. Y., assignors to General Electric Company. Control system. 2,411,763; Nov. 26.

Swinnertons Limited, asignee: *See*—
Bloore, Robert B.

Swisher, Thomas H., Elmhurst, assignor to Edison General Electric Appliance Company, Inc., Chicago, Ill. Gun-training apparatus. 2,398,813; Apr. 23.

Swiss firm of Society of Chemical Industry in Basle, assignee: *See*—
Albrecht, Otto.
Graenacher, Charles, Frei, and Meyer.

Switchboard and Supply Company, et al., assignee: *See*—
Geraty, Paul C.

Switlik, Stanley, assignee: *See*—
St. Clair, Milton H.

Switzer, Joseph L., assignee, et al.: *See*—
Ward, Richard A.

Switzer, Robert C., assignee, et al.: *See*—
Ward, Richard A.

Switzer, Robert M., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Evaporation process. 2,394,643; Feb. 12.

Swonk, Ralph J., assignee, et al.: *See*—
Tiffany, Frank E.

Swope, Joe E., Jr., Rochester, A. F. Turner, Brighton, and O. A. Ullrich, Jr., assignors to Bausch & Lomb Optical Company, Rochester, N. Y. Apparatus for forming evaporated films. 2,403,199; July 2.

Sykes, John, assignor to Enfield Rolling Mills Limited, Enfield, England. Copper base alloys. 2,405,531; Aug. 6.

Sykes, Roger A., Fanwood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Piezoelectric crystal apparatus. 2,392,429; Jan. 8.

Sylvania Electric Products Inc., assignee: *See*—
Biggs, Orrick H., and Heins.
Bowie, Robert M.
Brown, Robert H.
Burns, Laurence.
Byerlay, Henry L.
Demb, Kenneth, and Hayes.
Kilduff, John W., and Maurette.
Kingston, Walter E.
Kiser, Darwin R.
Leyshon, William E.
Lowry, Edwin F., and Rogers.
McCarthy, Henry J.
Mueller, William P.
Mueller, William P., and Burroughs.
Peacock, Arnold L.
Rochester, Nathaniel.
Scholes, Addison B., and Bratt.
Thomas, Ralph B.
Toorks, William P.
Williams, Ralph H.

Sylvania Industrial Corporation, assignee: *See*—
Clark, James A.
Reichel, Frank H.
Reichel, Frank H., and Craver.
Reichel, Frank H., and Russell.
Smidth, Leonard.
Thomas, Ralph B.
Zender, Justin.

Sylvanus, August R., San Bruno, Calif. Venetian blind. 2,397,765; Apr. 2.

Symmes, Daniel D., West Haven, Conn., assignor to The American Steel and Wire Company of New Jersey. Method and apparatus for lapping dies. 2,411,304; Nov. 19.

Symonds, Edward L., assignee, et al.: *See*—
Neumann, Henry T.

Symonds, Sydney, Harrow, England. Shock absorber. 2,398,728; Apr. 16.

Symons, Arthur H., Chicago, Ill. Rod clamp. 2,395,204; Feb. 19.

Symons, Arthur H., assignor to Symons Clamp & Mfg. Company, Chicago, Ill. Adjustable shore. 2,413,342; Dec. 31.

Symons Clamp & Mfg. Company, assignee: *See*—
Symons, Arthur H.

Synchro Machine Company, assignee: *See*—
Bruestle, Carl O.

Synco-Cut Service Company, assignee: *See*—
Dawson, Reginald C., Couch, and Prange.

Synco Machine Company, assignee: *See*—
Bruestle, Carl O.

Syntron Company, assignee: *See*—
Burke, William F.
Gilbert, Walter, Sr.
Weyandt, Carl S., and Missien.

Syracuse Chilled Plow Co., Inc., assignee: *See*—
Cook, Curtiss L.

Syrcher, Edward Y., and G. B. McNair, Chicago, Ill., and W. W. Crump, South Bend, Ind., assignors to The Howe Scale Company, Rutland, Vt. Scale. 2,394,820; Feb. 12.

Syrovy, Gerald H.: *See*—
Bennett, Robert M., and Syrovy.

Syrovy, Gerald H., Philadelphia, Pa., assignor to General Electric Company. Shock-proofing mechanism. 2,406,265; Aug. 20.

Szabo, Lester J., Cleveland, Ohio, assignor, by mesne assignments, to Wyeth Incorporated, Philadelphia, Pa. Synthesis of vitamin B_6. 2,410,531; Nov. 5.

Szatyn, Boleslaus J., assignor to Solventol Chemical Products, Inc., Detroit, Mich. Cleaning methods. 2,399,267; Apr. 30.

Szegho, Constantin S., assignor to The Rauland Corporation, Chicago, Ill. Cathode-ray tube. 2,401,278; May 28.

Szegho, Constantin S., assignor to The Rauland Corporation, Chicago, Ill. Secrecy communication system. 2,401,985; June 11.

Szegho, Constantin S., New York, N. Y., assignor to The Rauland Corporation, Chicago, Ill. Electrode. 2,408,894; Oct. 8.

Sziklai, George C., Princeton, N. J., assignor to Radio Corporation of America. Slow-motion electrical picture reproduction. 2,406,266; Aug. 20.

Sziklai, George C., Princeton, N. J., assignor to Radio Corporation of America. Angle modulated wave detector. 2,408,702; Oct. 1.

Sziklai, George C., Princeton, N. J., assignor to Radio Corporation of America. Radio receiver. 2,413,593; Dec. 31.

Sziklai, George C., Bloomington, Ind., assignor to Radio Corporation of America. Power supply circuits. 2,410,369; Oct. 29.

Szwargulski, Alex N.: *See*—
Moseley, James T. W., Carlson, and Szwargulski.

Szydlowski, Josef, Sainte Pe de Bigorre, France; vested in the Alien Property Custodian. Compressor. 2,397,060; Mar. 19.

T. I. (Group Services) Limited, assignee: *See*—
Evans, David W. T.

T & S Corporation, assignee: *See*—
Strid, Sven J.

Tabb, Warner T., assignor to Eisemann Corporation, Brooklyn, N. Y. Fluid transfer apparatus. 2,405,466; Aug. 6.

Tabb, Warner T., Plainfield, N. J., assignor to Eisemann Corporation, Brooklyn, N. Y. High-pressure fluid pump gasketing. 2,406,927; Sept. 3.

Tabellario, James, Providence, R. I. Locket construction. 2,396,214; Mar. 5.

Taber, Frederic H., New Bedford, Mass. Tire retreading. 2,405,802; Aug. 13.

Taber, John E., Jr., South Bend, and K. L. Keene, assignors to Mishawaka Rubber and Woolen Manufacturing Company, Mishawaka, Ind. Shoe. 2,407,189; Sept. 3.

Taber, Philip, and L. W. Van Dusen, San Diego, Calif., assignors to D. L. Ward Company, Philadelphia, Pa. Reproducing images from opaque surfaces. 2,392,343; Jan. 8.

Taborski, Alfred F., Buffalo, N. Y. Necktie. 2,411,907; Dec. 3.

Taborski, Alfred F., Buffalo, N. Y. Bow tie. 2,411,908; Dec. 3.

Taborski, Alfred F., Buffalo, and J. W. Terry, Niagara Falls, N. Y. Interchangeable bow tie. 2,394,024; Feb. 5.

Taborski, Alfred F., Buffalo, and J. W. Terry, Niagara Falls, N. Y. Necktie. 2,408,455; Oct. 1.

Tack, Carl E.: *See*—
Baselt, Walter H., and Tack.

Tack, Carl E., Chicago, Ill., assignor to American Steel Foundries. Truck. 2,399,519; Apr. 30.

Tack, Carl E., assignor to American Steel Foundries, Chicago, Ill. Railway brake. 2,406,048; Aug. 20.

Tack, Carl E., assignor to American Steel Foundries, Chicago, Ill. Brake rotor. 2,411,067; Nov. 12.

Tack, Carl E., assignor to American Steel Foundries, Chicago, Ill. Brake rotor. 2,412,432; Dec. 10.

Tack, Carl E., and W. A. Helsten, assignors to American Steel Foundries, Chicago, Ill. Railway brake. 2,399,071; Apr. 23.

Tack, Carl E., and N. Flesch, assignors to American Steel Foundries, Chicago, Ill. Brake arrangement. 2,412,431; Dec. 10.

Tafel, Robert W.: *See*—
Anderer, Theodore A., and Tafel.

Taft, Howard W., assignee, et al.: *See*—
Ellenberger, Stanley D.

Taft, Thomas K., Cornwall, N. Y. Dehumidifying apparatus. 2,403,880; July 9.

Taggart, Millard S., Jr., Houston, Tex., assignor to Standard Oil Development Company. Utilization of hydrocarbons. 2,396,900; Mar. 19.

Taglialatela, Robert, Brooklyn, N. Y. Fragmentation bomb. 2,413,008; Dec. 24.

Tago, Catalino G., New York, N. Y. Jig. 2,399,257; Apr. 30.

Tait, William O., Garden City, N. Y., assignor to Sperry Gyroscope Company, Inc. Filter for fluid flow systems. 2,407,190; Sept. 3.

Talbert, John E.: *See*—
Campbell, Kenneth, and Talbert.

Talbert, William H., San Bernardino, Calif. Skate sharpener. 2,398,566; Apr. 16.

Talbot, Emmett D.: *See*—
Vincent, William J., and Talbot.

Talbot, George M., Hagerstown, Md. Knee joint for artificial legs. 2,400,032; May 7.

Talbot, Howard H.: *See*—
Knudsen, Earl, and Talbot.

Talbot, James M., Staten Island, N. Y. Chime. 2,401,199; May 28.

Talbott, Herbert C., Seattle, Wash. Pack cart. 2,401,986; June 11.

Talbott, James E.: *See*—
Hickernell, Latimer F., and Talbott.

Talbott, James F., Baltimore, Md. Humidifier for internal-combustion engines. 2,412,016; Dec. 3.

Talboys, Henry H., assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Internal grinder and polisher. 2,405,467; Aug. 6.

Talboys, Henry H., assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Foundry cutoff machine. 2,405,468; Aug. 6.

Talge, Foster L., assignee: *See*—
Grant, Albert E.

Talge, Foster L., assignee, et al.: *See*—
Talge, Henry J., and Landry.

Talge, Henry J., assignee: *See*—
Grant, Albert E.

Talge, Henry J., and W. J. Landry, assignors to J. C. Hockery, and F. L. and H. J. Talge, doing business as Rival Manufacturing Company, Kansas City, Mo. Wall bracket for kitchen utensils. 2,408,703; Oct. 1.

Taliaferro, William R.: *See*—
Brown, Myron J., and Taliaferro.

Taliaferro, William R., Edgewood, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Timing device. 2,397,219; Mar. 26.

Tallento, Anthony, Rochester, N. Y. Pressing iron steam connections. 2,410,693; Nov. 5.

Talley, Benjamin F., Sulver City, Calif. Spading fork. 2,406,175; Aug. 20.

Talley, Claude A., and W. E. Grisham, San Antonio, Tex. Tire removing and spreading device. 2,401,118; May 28.

Talley, Florence B.: *See*—
Woodward, Charles F., Talley, Mayer, and Beinhart.

Tallon, Charles, Detroit, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Spring assembly machine. 2,400,319; May 14.

Tallman, Emma S., assignee, et al.: *See*—
Johnston, Douglas.

Tallman, G. L., assignee, et al.: *See*—
Johnston, Douglas.

Tallman, J. L., assignee, et al.: *See*—
Johnston, Douglas.

Tallman, Leslie R., assignee, et al.: *See*—
Johnston, Douglas.

Tallman, Ralph C., Westfield, N. J., and A. H. Stuart, assignors to Schieffelin & Co., New York, N. Y. Estrogenic substances. 2,400,033; May 7.

Tallman, Ralph C., Westfield, N. J., and A. H. Stuart, assignors to Schieffelin & Co., New York, N. Y. Racemic estrogenic compounds. 2,400,034; May 7.

Talon, Inc., assignee: *See*—
Carlile, Alfred E.
Gould, Clarence D.
Pouz, Noel J.

Tambert, Elmer A., Sierra Madre, Calif. Accounts payable system. 2,406,267; Aug. 20.

Tamburro, Francis P., Ozone Park, assignor to Willcox & Gibbs Sewing Machine Company, New York, N. Y. Thread guide. 2,407,587; Sept. 10.

Tampax, Inc., assignee: *See*—
McLaughlin, John R.

Tampax Incorporated, assignee: *See*—
McLaughlin, John R.

Tanglefoot Company, The, assignee: *See*—
Clark, Llewellynn J.

Tangorra, John, Brooklyn, N. Y. Shoulder pad. 2,395,024; Feb. 19.

Tanis, Hubert E., Jr., Schenectady, N. Y., assignor to General Electric Company. Electrical discharge device. 2,408,822; Oct. 8.

Tann, William E., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Coating composition. 2,393,495; Jan. 22.

Tannehill, Vernon L., Fort Wayne, Ind. Liquid supply system. 2,412,107; Dec. 3.

Tanner, Charles C., Widnes, England, assignor to Imperial Chemical Industries Limited. Sodium dispersion. 2,409,519; Oct. 15.

Tanner, Herbert G., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical processes. 2,402,694; June 25.

Tanner, James H.: *See*—
Tucker, Preston T., Stewart, and Tanner.

Tanner, Robert R., assignor to Parker Rust Proof Company, Detroit, Mich. Coated zinc article and making same. 2,412,543; Dec. 10.

Tansley, Leslie R., assignor to White Castle System, Inc., Columbus, Ohio. Apparatus for refrigerating comestibles. 2,397,446; Mar. 26.

Tapp, Ernest T. J., Fleet, England. Mechanically propelled vehicle. 2,404,256; July 16.

Tapper, Thomas P., Prospect Park, Pa., assignor to The Baldwin Locomotive Works. Removable mandrel for belt stretcher. 2,404,013; July 16.

Taramaschi, Angelo, San Carlos, Calif. Cable straightener. 2,407,040; Sept. 3.

Tarapczynski, Sigmund, assignor of twenty-five per cent to M. J. Gehen, twenty-five per cent to J. J. Aguglaro, and twenty-five per cent to J. Orosz, Buffalo, N. Y. Sharpening device. 2,413,156; Dec. 24.

Tarbell, John C., Springfield, and J. H. Conant, Holyoke, Mass. Bearing. 2,393,203; Jan. 15.

Tarbox, John P.: *See*—
Farr, Warren H., and Tarbox.

Tarbox, John P., assignor to Foundation for Clinical and Surgical Research, Philadelphia, Pa. Drop by drop pump. 2,393,838; Jan. 29.

Tarbox, John P., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Metallic structure. 2,397,447; Mar. 26.

Tarbox, John P., Philadelphia, Pa., assignor to Edward G. Budd Manufacturing Company. Metallic structure. 2,403,881; July 9.

Tarlow, Isidor, Brockton, Mass. Shoe manufacture. 2,411,479; Nov. 19.

Tarn, Thomas R.: *See*—
Beyer, Walter O., and Tarn.

Tarr, Roderic D., Biddeford, Maine, assignor to Saco-Lowell Shops, Boston, Mass. Textile drawing frame. 2,398,756; Apr. 16.

Tascher, Eugene S., Ingleside, Ill., assignor to National Biscuit Company, New York, N. Y. Insert feeder. 2,394,410; Feb. 5.

Tascher, Eugene S., Ingleside, Ill., assignor to National Biscuit Company, New York, N. Y. Package delivery chute. 2,412,368; Dec. 10.

Tascher, Eugene S., Ingleside, Ill., assignor to National Biscuit Company, New York, N. Y. Carton forming machine. 2,412,369; Dec. 10.

Tascher, Eugene S., Ingleside, Ill., and W. Bazant, Wyandanch, assignors to National Biscuit Company, New York, N. Y. Carton forming and filling machine. 2,412,370; Dec. 10.

Tashjian, David R., Baltimore, Md., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. System for control of receiver reception by an associated transmitter. 2,412,935; Dec. 17.

Tashman, Harry, New York, N. Y. Combination picture hanger and curtain tieback. 2,396,350; Mar. 12.

Tatar, Fred, Gloversville, N. Y. Glove. 2,401,200; May 28.

Tate, Carmen C.: *See*—
Ibach, Gerald A., and Tate.

Tatsch, Richard, Laguna Beach, Calif. Reinforcing spacer. 2,412,307; Dec. 10.

Tauch, Ernest J.: *See*—
Hurt, David M., Stafford, and Tauch.

Tauch, Ernest J., Cleveland Heights, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of sulphamic acid. 2,408,492; Oct. 1.

Tauch, Ernest J., Cleveland Heights, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of sulphamic acid. 2,408,823; Oct. 8.

Taurman, Alphonso, Birmingham, Ala. Bottle crate. 2,410,251; Oct. 29.

Tausch, Harry W., assignor to American Anode Inc., Akron, Ohio. Method and apparatus for concentrating colloidal dispersions. 2,397,818; Apr. 2.

Tausch, Harry W., assignor to American Anode Inc., Akron, Ohio. Deposition of rubber from aqueous dispersions of rubber. 2,401,027; May 28.

Taussky, Ilona, New York, N. Y. Refining, purifying, and hydrogenating fats, fatty acids, and waxes. 2,413,009; Dec. 24.

Taxwood, Vincent C., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Impact testing apparatus. 2,396,620; Mar. 12.

Taylor, Albert G., assignor, by mesne assignments, to Rheem Research Products Incorporated, Baltimore, Md. Corrosion resistant metal. 2,393,665; Jan. 29.

Taylor, Ambrose G., Birmingham, England, assignor to Calgon Inc., Pittsburgh, Pa. Treatment of water by suppressing the ions of alkaline earth metals. 2,405,276; Aug. 6.

Taylor, Andrew B., Wauna, Oreg. Cutter for ring grooving cutter heads. 2,412,433; Dec. 10.

Taylor, Arthur G., Hadley, Barnet, assignor to F. J. Walker Engineering Company Limited, Barnet, England. Self-adjusting mechanism for hydraulic wheel brakes. 2,404,326; July 16.

Taylor, Auburn, Charleston, W. Va., and E. W. Worthington, assignors to The Goss Printing Press Company, Chicago, Ill. Inking mechanism. 2,392,706; Jan. 8.

Taylor, Auburn, Charleston, W. Va., and E. W. Worthington, assignors to The Goss Printing Press Company, Chicago, Ill. Fountain inker drive mechanism. 2,406,928; Sept. 3.

Taylor Cable Products, assignee: *See*—
Taylor, John.

Taylor, Charles H., Springfield, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Suction cleaning apparatus. 2,394,271; Feb. 5.

Taylor, Charles H., Springfield, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Suction cleaning apparatus. 2,409,230; Oct. 15.

Taylor, Clarence C.: *See*—
Leo, Herbert T., and Taylor.

Taylor, Daniel, Jr., assignee, et al.: *See*—
Brown, Haughton.

Taylor, Daniel D.: *See*—
Washburn, Harold W., and Taylor.

Taylor, Daniel G.: *See*—
Sparrow, Hubert T., Taylor, and Witts.

Taylor, Daniel G., assignee to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Heat motor operated mechanism. 2,396,541; Mar. 12.

Taylor, David M.: *See*—
Mercer, Robert G., and Taylor.

Taylor, Donald C.: *See*—
Carter, Frederick, and Taylor.

Taylor, Donald S.: *See*—
Green, Howard D., and Taylor.

Taylor, Eben D.: *See*—
Ward, Loyd A., and Taylor.

Taylor, Edward C., Longmeadow, assignor to W. Bradford, Taunton, Mass. Electrically heated blanket. 2,395,152; Feb. 19.

Taylor, Ernest W., and P. Nielsen, assignors to Industrial Brownhoist Corporation, Bay City, Mich. Foldable A-frame for excavating machines. 2,411,305; Nov. 19.

Taylor, Florence E., assignee, et al.: *See*—
Du Bois, Joseph E.

Taylor, George E.: *See*—
Hetzel, Eugene N., and Taylor.

Taylor, George F., Grosse Pointe Woods, assignor to Carboloy Company, Inc., Detroit, Mich. Making small metallic spheres. 2,394,727; Feb. 12.

Taylor, George R., Kenosha, Wis. Liquid cooler for refrigerators. 2,408,704; Oct. 1.

Taylor, Goldie E., Portland, Oreg. Crankshaft holding and pin aligning means. 2,397,517; Apr. 2.

Taylor, Halsey W. Company, The, assignee: *See*—
Freer, Clyde P.

Taylor, Harden F., New York, N. Y., assignor, by mesne assignments, to Brewer & Company, Inc., Worcester, Mass. Making tablets. 2,410,110; Oct. 29.

Taylor, Harry, West Babylon, N. Y. Fastening device. 2,397,889; Apr. 2.

Taylor, Howard W., assignee: *See*—
Peck, Garrette W.

Taylor, Hugh S., and J. Turkevich, Princeton, assignors to The M. W. Kellogg Company, Jersey City, N. J. Converting mono-olefins to di-olefins. 2,401,802; June 11.

Taylor, James: *See*—
Wright, Harold R., and Taylor.

Taylor, James, Bristol, Va. Mail bag lock. 2,399,952; May 7.

Taylor, James, and S. H. Davidson, Saltcoats, Scotland, assignors to Imperial Chemical Industries Limited. Brisant explosive charges and their manufacture. 2,395,353; Feb. 19.

Taylor, James E.: *See*—
Eckey, Eddy W., and Taylor.

Taylor, James E., Louisville, Ky., assignor to The Procter & Gamble Company, Ivorydale, Ohio. Making copper soaps. 2,397,767; Apr. 2.

Taylor, James L., Mfg. Co., assignee: *See*—
Hall, Selden H.

Taylor, John, Kansas City, Mo., assignor to Taylor Cable Products, Kansas City, Kans. Battery cable. 2,399,836; May 7.

Taylor, John A.: *See*—
Murtagh, Hugh, and Taylor.

Taylor, John A., Washington, D. C., and M. A. Knight, Arlington, Va. Battery overcharge protector. 2,402,695; June 25.

Taylor, Mark H., and T. W. Clifford, assignors to Taylor, Taylor & Hobson Limited, Leicester, England. Measuring apparatus. 2,412,017; Dec. 3.

Taylor, Maurice H.: *See*—
Healy, John J., Jr., Taylor, and Abbiati.

Taylor, Myron L.: *See*—
Lehman, Samuel K., and Taylor.

Taylor, Myron L., Ridgewood, assignor to Bendix Aviation Corporation, Bendix, N. J. Supplying inflammable antifreeze fluids for use on aerofoil surfaces so as to prevent explosion of the fluid. 2,412,846; Dec. 17.

Taylor, Owen L.: *See*—
Ellis, Delbert, Taylor, and Basnett.

Taylor, Raymond G., Jr., assignor to The Guiberson Corporation, Dallas, Tex. Well tool. 2,401,119; May 28.

Taylor, Raymond G., Jr., and D. B. Hooser, assignors to The Guiberson Corporation, Dallas, Tex. Setting and releasing tool. 2,409,811; Oct. 22.

Taylor, Raymond G., Jr., and D. B. Hooser, assignors to The Guiberson Corporation, Dallas, Tex. Control head packer. 2,409,812; Oct. 22.

Taylor, Raymond L., New Providence, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sealing of glass to metal. 2,399,770; May 7.

Taylor, Reginald, and G. T. Baker, Liverpool, England, and A. C. Corner, Calcutta, India, assignors, by mesne assignments, to Automatic Electric Laboratories, Inc. Telephone or like system. 2,404,466; July 23.

Taylor, Reginald, and G. T. Baker, Liverpool, England, assignors to Automatic Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,405,620; Aug. 13.

Taylor, Reginald, and G. T. Baker, Liverpool, England, assignors, by mesne assignments, to Automatic Electric Laboratories, Inc., Chicago, Ill. Electrical signaling system. 2,407,910; Sept. 17.

Taylor, Reginald, and G. T. Baker, Liverpool, England, assignors to Automatic Electric Laboratories Inc., Chicago, Ill. Telephone system. 2,409,164; Oct. 8.

Taylor, Rhoderic F., East Cleveland, assignor to The Marquette Metal Products Company, Cleveland, Ohio. Fluid operated motor. 2,393,204; Jan. 15.

Taylor, Robert C., Melrose Park, assignor to The Atlantic Refining Company, Philadelphia, Pa. Production of aliphatic hydrocarbon sulfonates. 2,413,199; Dec. 24.

Taylor, Robert J., Claymont, assignor to American Viscose Corporation, Wilmington, Del. Novel filamentous product and making it. 2,399,258; Apr. 30.

Taylor, Robert J., Claymont, assignor to American Viscose Corporation, Wilmington, Del. Making hollow filaments and product thereof. 2,399,259; Apr. 30.

Taylor, Robert J., Claymont, assignor to American Viscose Corporation, Wilmington, Del. Filamentous product. 2,399,260; Apr. 30.

Taylor, Robert J., Claymont, assignor to American Viscose Corporation, Wilmington, Del. Stretching device. 2,400,787; May 21.

Taylor, Robert J., Claymont, Del., and W. L. Webb, Glen Moore, Pa., assignors to American Viscose Corporation, Wilmington, Del. Filament extrusion device. 2,398,729; Apr. 16.

Taylor, Robert S., Seattle, Wash. Speed change system. 2,398,814; Apr. 23.

Taylor, Robert S., Seattle, Wash. Transmission lock. 2,399,405; Apr. 30.

Taylor, Robert S., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Catalytic igniter for gaseous fuels. 2,407,729; Sept. 17.

Taylor, Taylor & Hobson Limited, assignee: *See*—
Cooke, Ernest A.
Cox, Arthur.
Reason, Richard E.
Taylor, Mark H., and Clifford.
Warmisham, Arthur.
Warmisham, Arthur, and Wynne.
Wynne, Charles G.

Taylor, Thomas L., Detroit, Mich. Grinding tool guide. 2,404,604; July 23.

Taylor, Thomas M.: *See*—
Herwick, Ole, and Taylor.

Taylor, Thomas T., assignor to Compo Shoe Machinery Corporation, Boston, Mass. Manufacture of footwear. 2,403,313; July 2.

Taylor, Viola, assignee, et al.: *See*—
Brown, Haughton.

Taylor, Walter P., Jr., New York, N. Y. Reading and writing machine. 2,412,183; Dec. 3.

Taylor-Wharton Iron and Steel Company, assignee: *See*—
Hanks, George R.

Taylor, William A.: *See*—
Vidal, Eugene L., and Taylor.

Taylor, William A., Wildwood, N. J., assignor to Vidal Corporation. Molding apparatus. 2,392,707; Jan. 8.

Taylor, William H., Detroit, Mich. Vehicle atmospheric suspension system. 2,393,942; Jan. 29.

Taylor, William H., Akron, and R. E. Workman, Ravenna, assignors to Wingfoot Corporation, Akron, Ohio. Stop nut. 2,400,444; May 14.

Taylor, William H., and R. L. Jones, II, assignors to Wingfoot Corporation, Akron, Ohio. Bonding metal to plywood. 2,401,987; June 11.

Taylor, William S., Seattle, Wash. Bulldozer grading attachment for crawler tractors. 2,402,352; June 18.

Taylor, William W., San Marino, Calif. Scooter construction. 2,413,530; Dec. 31.

Taylor, Willie W., Rocky Gap, Va. Dump truck and latch. 2,405,721; Aug. 13.

Taylor-Winfield Corporation, The, assignee: *See*—
Cooper, Joseph H.
Hansen, Hans H.
Ringer, Robert L., Jr.
Seeloff, Melvin M.
Smith, Clyde E.
Trinks, Willibald.
Urquhart, Thornton L.

Tchorni, David L., Plainfield, and G. S. Watson, Martinsville, N. J., assignors to American Cyanamid Company, New York, N. Y. Preparation of diazotized 2,4-dinitro-6-halogen aniline. 2,404,893; July 30.

Teagarden, Albert S., Athol, Idaho. Toy gun. 2,394,821; Feb. 12.

Teague, Merwyn C., Ridgewood, N. J., and P. L. Mahoney, Jackson Heights, assignors to United States Rubber Company, New York, N. Y. Laminated porous elastic fabric. 2,404,758; July 23.

Teague, Walter D., Jr., Alpine, assignor to Bendix Aviation Corporation, Teterboro, N. J. Centrifugal blower. 2,411,816; Nov. 26.

Teal, Gordon K., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Television image production. 2,408,108; Sept. 24.

Teale, Harold A., Brooklyn, assignor to Filter Media Corporation, Irvington-on-Hudson, N. Y. Apparatus for reducing the fluid content of fluid-solid intermixture. 2,407,303; Sept. 10.

Tear, James D.: *See*—
Poitras, Edward J., and Tear.
Poitras, Edward J., Tear, and Newell.

Tear, James D., Great Neck, assignor to Ford Instrument Company, Inc., Long Island City, N. Y. Motion reproducing mechanism. 2,392,889; Jan. 15.

Tear, James D., Great Neck, assignor to Ford Instrument Company, Inc., Long Island City, N. Y. Motion reproducing device. 2,397,819; Apr. 2.

Tear, James D., Great Neck, assignor to Ford Instrument Company, Inc., Long Island City, N. Y. Gun sight. 2,405,064; July 30.

Tear, James D., Great Neck, assignor to Ford Instrument Company, Inc., Long Island City, N. Y. Power-driven gun with automatically positioned sight. 2,405,065; July 30.

Tear, James D., Great Neck, assignor to Ford Instrument Company, Inc., Long Island City, N. Y. Position reproducing mechanism. 2,405,066; July 30.

Tear, James D., Great Neck, and C. W. Buckley, Mount Vernon, assignors to Ford Instrument Company, Inc., Long Island City, N. Y. Gun sight. 2,405,067; July 30.

Tear, James D., Great Neck, and E. P. Ross, Forest Hills, assignors to Ford Instrument Company, Inc., Long Island City, N. Y. Gun sight. 2,405,068; July 30.

Tear, James D., Great Neck, and C. W. Buckley, Mount Vernon, assignors to Ford Instrument Company, Inc., Long Island City, N. Y. Gun sight. 2,407,191; Sept. 3.

Technical Alliance Inc., assignee: *See*—
Fischler, Paul E.

Technical Motion Picture Corporation, assignee: *See*—
Rackett, Gerald F.

Technical Securities Corporation, assignee: *See*—
Fodor, Ferenz H.
Technical Surfaces Ltd., assignee: *See*—
Eaton, Gregory Y.
Teegarden, Otto V., Goshen, Ind. Tire handling stand. 2,413,010; Dec. 24.
Teetor, Ralph R. assignor to The Perfect Circle Company, Hagerstown, Ind. Piston ring. 2,397,220; Mar. 26.
Teetor, Ralph R., assignor to The Perfect Circle Company, Hagerstown, Ind. Piston. 2,407,192; Sept. 3.
Te Grotenhuis, Theodore A., Olmsted Falls, Ohio. Synthetic rubber product and method of making the same. 2,394,025; Feb. 5.
Te Grotenhuis, Theodore A., Olmsted Falls, Ohio. Method and apparatus for producing porous articles. 2,395,920; Mar. 5.
Teichert, Conrad A., assignor to American Bosch Corporation, Springfield, Mass. Automatic fuel mixture control system. 2,395,648; Feb. 26.
Teige, John J., and W. R. Thomas, Baltimore, assignors to The Black and Decker Manufacturing Company, Towson, Md. Chuck. 2,413,422; Dec. 31.
Teitscheid, Alfred F., Wharton, N. J. Fuse. 2,392,430; Jan. 8.
Teitscheid, Alfred F., Wharton, N. J. Projectile cap. 2,401,380; June 4.
Tekel, Ralph: *See*—
Natelson, Samuel, Kramer, and Tekel.
TekWood, Inc., assignee: *See*—
Randall, Boardman M.
Telaflex Products Limited, assignee: *See*—
Pile, Sydney.
Telefonaktiebolaget L. M. Ericsson, assignee: *See*—
Ahlberg, Curt F., and Nilsson.
Blomberg, Knut H.
Enger, Per J. S., and Parschin.
Holmqvist, Seth A.
Rosswall, Axel E.
Thielers, Ernst M., and Broberg.
Wåhlstrom, Gustaf A.
Werner, Sture E.
Teleregister Corporation, The, assignee: *See*—
Bush, George L.
Hicks, Raymond M.
Leroy, Everett R., and Bush.
Teletype Corporation, assignee: *See*—
Burcky, Charles W.
Eddy, William H.
Goetz, Maurus T.
Grey, Victor.
Kleinschmidt, Edward E.
Lake, Ross A.
Levin, Carl A., and Lorenz.
Needham, Donald P., and Stussi.
Nordstrom, Carl E.
Potts, Louis M.
Reiber, Albert H.
Russnak, Clarence J.
Schuler, Reginald G.
Vosburg, Alan E.
Zenner, Walter J.
Telford, Andrew G., Aurora, Ill. Transfer device. 2,409,400; Oct. 15.
Teller, Jacob, assignee: *See*—
Belanger, Albert P. D.
Tellington, Wentworth J.: *See*—
Dunn, Charles G., and Tellington.
Tellini, Carlo: *See*—
Zajotti, Adolfo, and Tellini.
Temko, Richard S., New York, and A. Katz, Bronx, assignors to Home Curtain Corp., Far Rockaway, N. Y. Curtain. 2,400,788; May 21.
Temple, Alan E. S., Godalming, England. Movable bridge, dock gate, and the like. 2,411,480; Nov. 19.
Temple, George L., Rosedale Heights, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway switch operating apparatus. 2,401,120; May 28.
Temple, John C., Sarasota, Fla. Making chain links. 2,399,953; May 7.
Temple, Paul C., assignor to A. W. Cash Company, Decatur, Ill. Hydraulic transmission. 2,393,128; Jan. 15.
Temple, Robert, Pittsburgh, Pa., assignor to Temple Velocity Equipment, Inc. Wilmington, Del. Driving tool. 2,395,354; Feb. 19.
Temple, Robert, Swissvale, Pa., assignor to Temple Velocity Equipment, Inc., Wilmington, Del. Cable cutter. 2,411,909; Dec. 3.
Temple Velocity Equipment, Inc., assignee: *See*—
Temple, Robert.
Templeton, Archibald, Evansville, Wis. Bale lifter and conveyer. 2,402,465; June 18.
Temprite Products Corporation, assignee: *See*—
Wyllie, John, Jr.
Ten Brink, Karl C.: *See*—
Garrison, Allen D., and ten Brink.
Ten Broeck, Theodore R., Cuyahoga Falls, assignor to Wingfoot Corporation, Akron, Ohio. Adhesives comprising an olefin polysulphide rubber. 2,400,474; May 14.
Ten Broeck, Theodore R., Cuyahoga Falls, assignor to Wingfoot Corporation, Akron, Ohio. Coated cord. 2,410,792; Nov. 5.
Tendick, Frank H., Grosse Pointe Park, assignor to Parke, Davis & Company, Detroit, Mich. Substituted ethylene oxide compounds and preparing the same. 2,393,129; Jan. 15.
Tenenbaum, Berko, London, England. Piezoelectric crystals. 2,395,434; Feb. 26.
Tenenbaum, David: *See*—
Reed, Raymond E., Tenenbaum, and Beste.
Tennant, James R., Dallas, Tex. Slubbing device for spinning frames. 2,400,663; May 21.
Tennessee Corporation, assignee: *See*—
Adams, Clark A.
Tennessee Eastman Corporation, assignee: *See*—
Hull, David C.
Tennessee Valley Authority, assignee: *See*—
De Witt, Thomas W.
Tenny, Henry S., Encinitas, Calif. Producing binocular prisms. 2,393,073; Jan. 15.
Teplitz, Alfred, Pittsburgh, Pa., assignor to Carnegie-Illinois Steel Corporation. Metal strip coil welding machine. 2,394,822; Feb. 12.
Teresi, Joseph A.: *See*—
Bussacker, John W.
Terhaar, Frederick W., Cold Spring, Minn., assignor to Solar Aircraft Company, San Diego, Calif. Making dies. 2,402,788; June 25.
Ter Horst, William P., Pompton Plains, N. J., assignor to United States Rubber Company, New York, N. Y. Arachnicides. 2,397,633; Apr. 2.
Ter Horst, William P., Pompton Plains, N. J., assignor to United States Rubber Company, New York, N. Y. Mildewproofing of textile materials. 2,401,028; May 28.
Terhune, Cornelius F., Kansas City, Mo. Windmill. 2,406,268; Aug. 20.
Terhune, Ralph D., Ridgewood, N. J., assignor to The Bryant Heater Company, Cleveland, Ohio. Boiler. 2,407,941; Sept. 17.
Ter Meer, Herman: *See*—
Quigley, Herbert, and Ter Meer.
Ternes, Raymond F.: *See*—
Locke, Arthur A., and Ternes.
Terpak, Stephen, and L. Wetherill, Pittsfield, Mass., assignors to General Electric Company. Bushing for electrical apparatus. 2,402,466; June 18.
Terpay, John J.: *See*—
Wolowicz, Chester S., and Terpay.
Terrett, Joseph, and W. B. Wood, assignors to Purma Cameras Limited, Sutton, England. Camera shutter. 2,392,071; Jan. 1.
Terroni, Teseo B. D.: *See*—
Gillings, Charles, Beale, and Terroni.
Terry, Augustus P., Berkeley, Calif. Fastener for paper forms and the like. 2,396,030; Mar. 5.
Terry, Daniel H.: *See*—
Meuly, Walter C., Rosenberg, and Terry.
Rosenberg, Hans R., and Terry.
Terry, Fred M., Jackson Heights, N. Y., assignor to Realty and Industrial Corporation. Oil circuit breaker. 2,409,723; Oct. 22.
Terry, Joseph W.: *See*—
Taborski, Alfred F., and Terry.
Terry, Rex A., Berkley, Mich., assignor to Chrysler Corporation, Highland Park, Mich. Litter-carrying vehicle. 2,398,730; Apr. 16.
Terry, Robert H.: *See*—
Boegehold, Alfred L., and Terry.
Terry, Robert S. G., New Malden, and R. E. H. Carpenter, South Croydon, England. Electromagnetic device. 2,396,135; Mar. 5.
Tesch, Alexander O., Milwaukee, Wis. Fuel system for internal-combustion engines. 2,400,664; May 21.
Teska, John: *See*—
Serkes, Aaron, and Teska.
Tessier, Joseph D., Worcester, Mass. Bottle cap. 2,392,274; Jan. 1.
Tessier, Joseph D., Worcester, Mass. Appliance for paint sprayers. 2,410,532; Nov. 5.
Test, Skiles E., Indianapolis, Ind. Terraced combination pool and reservoir. 2,406,413; Aug. 27.
Testi, Nicholas, assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor. 2,392,431; Jan. 8.
Testi, Nicholas, assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor and blade magazine. 2,392,432; Jan. 8.
Testi, Nicholas, assignor to Gillette Safety Razor Company, Boston, Mass. Magazine for safety razor blades. 2,392,433; Jan. 8.
Testi, Nicholas, assignor to Gillette Safety Razor Company, Boston, Mass. Magazine for safety razor blades. 2,392,869; Jan. 15.
Testi, Nicholas, assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor. 2,397,890; Apr. 2.
Testi, Nicholas, assignor to Gillette Safety Razor Company, Boston, Mass. Magazine for safety razor blades. 2,405,621; Aug. 13.
Testi, Nicholas, assignor to Gillette Safety Razor Company, Boston, Mass. Blade magazine. 2,409,401; Oct. 15.

Teter, John W., Chicago, Ill., assignor to Sinclair Refining Company, New York, N. Y. Catalysts. 2,392,107; Jan. 1.
Teter, John W., Chicago, Ill., assignor to Sinclair Refining Company, New York, N. Y. Amination of olefines. 2,397,705; Apr. 2.
Teter, John W., Chicago, Ill., assignor to Sinclair Refining Company, New York, N. Y. Catalyst. 2,398,899; Apr. 23.
Teter, John W., Chicago, Ill., assignor to Sinclair Refining Company, New York, N. Y. Catalyst. 2,406,929; Sept. 3.
Teter, John W., Chicago, Ill., assignor to Sinclair Refining Company, New York, N. Y. Manufacture of gasoline. 2,412,371; Dec. 10.
Teter, John W., and W. J. Merwin, Chicago, Ill., assignors to Sinclair Refining Company, New York, N. Y. Refining of nitriles. 2,411,346; Nov. 19.
Tewell, Lucille, assignee: *See*—
Lotthamer, Paul H.
Texaco Development Corporation, assignee: *See*—
Deming, Joseph H.
Garrison, Allen D., and ten Brink.
Goldsby, Arthur R.
Johnson, Elmer R.
Kaufman, David S.
Veltman, Preston L.
Texas Company, The, assignee: *See*—
Arnold, George B.
Arnold, George B., and Atwell.
Atwell, Harold V.
Atwell, Harold V., and Eastman.
Atwell, Harold V., and Gross.
Barron, Joseph M.
Best, Joseph C., Traxler, and Schweyer.
Clarke, Louis A.
Claussen, Walter F.
Coghlan, Charles A.
Cook, Leon W.
Eastman, du Bois.
Fleming, James R.
Clarke, Louis A.
Goldsby, Arthur R.
Grenko, John D., and Strawn.
Hare, Donald G. C.
Hare, Donald G. C., and Herzog.
Haskell, Nelson B.
Hatch, George B., Pevere, Clark, and Bruner.
Keating, George H.
Kremer, John T.
Kuhn, Wayne E.
Landrum, Harvey B., and Husted.
Malin, Jay B.
Malin, Jay B., and Fenney.
McCleary, Rush F.
Moore, Frank J.
Morris, John R.
Morris, John R., and McCleary.
Narogon, Ernest A.
Neuhaus, Max.
Patterson, John A.
Pevere, Ernest F.
Pevere, Ernest F., Clarke, and Hatch.
Randolph, Charles J., Jr., and Haskell.
Richker, Charles, and Eastman.
Rosenstiehl, Fred E.
Sanderson, Robert T.
Scoville, Loren P., and Davies.
Sensel, Eugene B.
Smith, William R., and Goldsby.
Veltman, Preston L.
Veltman, Preston L., and Davaney.
Warrick, Halsted R.
Watson, Claude W.
Williamson, Tom, and Scardino.
Winkelmann, Samuel A., and Wright.
Wolf, Alexander, and Cowles.
Texas Gulf Sulphur Company of America, assignee: *See*—
Bacon, Raymond F., and Fanelli.
Textile Machine Works, assignee: *See*—
Ritzer, Gottlob.
Staub, Herman.
Worel, Glen J.
Textile Research Co., assignee: *See*—
Hoeber, Harold.
Thacker, Carlisle M.: *See*—
Bell, Richmond T., Folkins, and Thacker.
Folkins, Hillis O., and Thacker.
Thacker, Carlisle M., Highland Park, assignor to The Pure Oil Company, Chicago, Ill. Converting hydrocarbons into organic sulphur compounds. 2,411,236; Nov. 19.
Thacker, Carlisle M., Highland Park, and R. T. Bell, Deerfield, assignors to The Pure Oil Company, Chicago, Ill. Dehydrogenation of hydrocarbons. 2,398,126; Apr. 9.
Thacker, Carlisle M., and Richmond T. Bell, Highland Park, assignors to The Pure Oil Company, Chicago, Ill. Preparation of alkylated cyclic hydrocarbons. 2,409,080; Oct. 8.
Thau, Charles K., assignee: *See*—
Bergen, Edward.
Thayer, Josephus J., Battle Creek, Mich, assignor to General Foods Corporation, New York, N. Y. Collapsible punch. 2,400,961; May 28.
Theis, Albert E., and W. A. Wiener, Islip, N. Y. Radio range. 2,398,333; Apr. 9.
Theisen, Joseph L., Marblehead, Mass., assignor to General Electric Company. Oscilloscope wave expansion. 2,399,955; May 7.
Thelander, W. Vincent, Auburn, Ind. Automatic clutch. 2,406,049; Aug. 20.
Thelander, W. Vincent, and E. M. De Coursey, Auburn, Ind., and W. O. Bechman, Chicago, and W. W. Henning, River Grove, assignors to The Atwood Vacuum Machine Company, Rockford, Ill. Double clutch. 2,406,414; Aug. 27.
Theobald, Clement W., Christiana Hundred, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Making polyhalogenated straight-chain aliphatic carboxylic acid halides. 2,411,982; Dec. 3.
Theobalt, Arthur, Laurelton, N. Y. Take-up mechanism for knitting machines. 2,397,221; Mar. 26.
Theodore, David T.: *See*—
Hoppmann, William H., Jr., and Theodore.
Theowick Company, assignee: *See*—
Wickwire, Theodore H., Jr.
Therm-A-Mode Company, Inc., assignee: *See*—
Fitz Maurice, Richard J.
Thermo-Plastics Corporation, assignee: *See*—
Stephanoff, Nicholas N.
Thermold Company, assignee: *See*—
Bennett, James B., and McCarter.
Theroux, George, assignee, et al.: *See*—
Booharin, Leo Y.
Thesmar, Frederic: *See*—
Ellis, William D., and Thesmar.
Thexton, Arthur L., assignor to Clopay Corporation, Cincinnati, Ohio. Window shade construction. 2,396,542; Mar. 12.
Thexton Manufacturing Company, assignee: *See*—
Thibeault, Joseph, assignee: *See*—
Thibeault, Leon E.
Thibeault, Leon E., assignor of one-half to J. Thibeault, Flint, Mich. Automatic brake adjuster. 2,392,956; Jan. 15.
Thibodeau, Wilfred E.: *See*—
Church, Joseph H., and Thibodeau.
Moore, Wiley T., Church, and Thibodeau.
Thibodeau, Wilfred E., Cleveland, Ohio, and G. J. Kossenich, Madison, Wis. Firing mechanism. 2,396,304; Mar. 12.
Thiel, Otto, Detroit, Mich. Mixing tank. 2,394,272; Feb. 5.
Thielcke, George W.: *See*—
King, Robert J., and Thielcke.
Thiele, Berthold R.: *See*—
Wagner, Robert S., and Thiele.
Thiele, Berthold R., assignor to E. R. Wagner Manufacturing Company, Milwaukee, Wis. Combined latch and lock. 2,399,302; Apr. 30.
Thiele, Ernest W., assignor to Standard Oil Company, Chicago, Ill. Alkylation of hydrocarbons. 2,398,869; Apr. 23.
Thiele, Ernest W., assignor to Standard Oil Company, Chicago, Ill. Catalytic conversion. 2,400,176; May 14.
Thiele, Ernest W., G. E. Schmitkons, and C. M. Hull, assignors to Standard Oil Company, Chicago, Ill. Isoforming. 2,410,908; Nov. 12.
Thiele, Theodore H., assignor to A. O. Smith Corporation, Milwaukee, Wis. Gas burner. 2,403,139; July 2.
Thielemann, Rudolf H. Schenectady, N. Y., assignor to General Electric Company. High strength alloy for use at elevated temperatures. 2,398,678; Apr. 16.
Thielers, Ernst M., Stockholm, and W. O. W. Broberg, Nynashamn, assignors to Telefonaktiebolaget L. M. Ericsson, Stockholm, Sweden. Thermal circuit interrupter. 2,410,370; Oct. 29.
Thieme, George B., Jamaica, N. Y. Interlock mechanism. 2,396,759; Mar. 19.
Thinius, Kurt, Eilenburg, Germany; vested in the Alien Property Custodian. Production of polymer layers. 2,396,621; Mar. 12.
Thiokol Corporation, assignee: *See*—
Patrick, Joseph C.
Patrick, Joseph C., and Ferguson.
Thiry, Leon F., Montclair, N. J., assignor to The General Tire & Rubber Company, Akron, Ohio. Shock absorber. 2,407,588; Sept. 10.
Tholl, John F., Needham, assignor to American Tool & Machine Co., Boston, Mass. Centrifugal separator. 2,396,622; Mar. 12.
Tholstrup, Henry L., Rochester, assignor to International Business Machines Corporation, New York, N. Y. Recording apparatus. 2,392,275; Jan. 1.
Thomann, Frederick A.: *See*—
Neighbour, Leonard B., and Thomann.
Thomas, Albert, Munhall, assignor to James J. Duane, Pittsburgh, Pa. Tool chuck. 2,404,006; July 16.
Thomas, Albert G., Lynchburg, Va. Electronic device. 2,409,454; Oct. 15.
Thomas, Albert W.: *See*—
Halliday, George F., and Thomas.

Thomas, Arthur, Wallington, and A. W. Excell, Thornton Heath, assignors to Powers Accounting Machines Limited, London, England. Record controlled statistical machine. 2,401,671; June 4.

Thomas, Arthur H., Company, assignee: *See*—
Schmid, Leopold J.

Thomas & Betts Co., The, assignee: *See*—
Thomas, George C., Jr.

Thomas, Carrie D., assignee, et al.: *See*—
Thomas, Walter O.

Thomas, Carroll E., Oakland, Calif. Adjustable clamp. 2,402,215; June 18.

Thomas, Charles A., Dayton, Ohio, assignor to Monsanto Chemical Company. Rubberlike polymerization product and producing same. 2,398,976; Apr. 23.

Thomas, Charles A., Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Vinyl ester co-polymerization products. 2,406,717; Aug. 27.

Thomas, Charles A., and G. Kosolapoff, Dayton, Ohio, assignors to Monsanto Chemical Company. Cellulose thiophonamides. 2,401,440; June 4.

Thomas, Charles H., Caldwell, N. J., assignor to Radio Corporation of America. Electron discharge device. 2,412,659; Dec. 17.

Thomas, Charles L.: *See*—
Kinneberg, Ivar H., and Thomas.
Lee, Edward C., and Thomas.

Thomas, Charles L., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Conducting catalytic reactions. 2,392,957; Jan. 15.

Thomas, Charles L., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Synthesis of aromatic compounds. 2,406,645; Aug. 27.

Thomas, Charles L., assignor to Universal Oil Products Company, Chicago, Ill. Production of aviation fuel. 2,399,261; Apr. 30.

Thomas, Charles L., assignor to Universal Oil Products Company, Chicago, Ill. Hydrocarbon conversion. 2,402,854; June 25.

Thomas, Charles L., assignor to Universal Oil Products Company, Chicago, Ill. Manufacture of hydrocarbons. 2,406,864; Sept. 3.

Thomas, Charles L., assignor to Universal Oil Products Company, Chicago, Ill. Production of motor fuel. 2,410,316; Oct. 29.

Thomas, Charles L., and J. T. Pinkston, Jr., Riverside, assignors to Universal Oil Products Company, Chicago, Ill. Regeneration of subdivided solids. 2,393,839; Jan. 29.

Thomas, Charles L., and J. E. Ahlberg, Riverside, assignors to Universal Oil Products Company, Chicago, Ill. Catalytic cracking. 2,395,153; Feb. 19.

Thomas, Charles L., and V. Haensel, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,410,111; Oct. 29.

Thomas, Chester A.: *See*—
Babson, Henry B., and Thomas.

Thomas, Edgar W.: *See*—
Major, John, and Thomas.

Thomas, Frank, Indianapolis, Ind. Ice cream machine. 2,402,931; June 25.

Thomas, Frank E., Chicago, Ill. Conveyer structure. 2,405,378; Aug. 6.

Thomas, Frank M.: *See*—
Elliott, Stanley J., Hovgaard, Mallina and Thomas.

Thomas, George C., Jr., assignor to The Thomas & Betts Co., Elizabeth, N. J. Flexible strip electrical connector. 2,396,725; Mar. 19.

Thomas, George J., Pittsburgh, Pa. Surgical apparatus. 2,393,576; Jan. 22.

Thomas, Harry L, assignor to Hagerstown Leather Company, Hagerstown, Md. Secret pocket billfold. 2,405,379; Aug. 6.

Thomas, Harry W., Miami Beach, Fla., assignor to I. Rossi, New York, N. Y., as trustee. Rollable window screen. 2,404,257; July 16.

Thomas, Islyn: *See*—
Shapiro, Benjamin H., Thomas, and Hohl.

Thomas, James C., III, assignee: *See*—
La Berge, William C.

Thomas, James C., III, Glendale, assignor to Globe Products Manufacturing Company, Los Angeles, Calif. Collet closer. 2,396,760; Mar. 19.

Thomas, James C., III, El Segundo, Calif. Mixing chamber. 2,404,548; July 23.

Thomas, James C., III, El Segundo, Calif. Faucet attachment. 2,404,549; July 23.

Thomas, Joseph J.: *See*—
Glarum, Sivert N., and Thomas.

Thomas, Pacific J., Wyoming, assignor to U. S. Textile Machine Company, Scranton, Pa. Yarn winding apparatus. 2,395,521; Feb. 26.

Thomas, Pacific J., Wyoming, assignor to U. S. Textile Machine Company, Scranton, Pa. Textile apparatus. 2,395,522; Feb. 26.

Thomas, Ralph B., Beverly, assignor to Sylvania Electric Products Inc., Salem, Mass. Lamp base. 2,392,785; Jan. 8.

Thomas, Ralph B., Beverly, assignor to Sylvania Electric Products Inc., Salem, Mass. Lamp base. 2,413,662; Dec. 31.

Thomas, Ray G., Bloomington, Ill., assignor, by mesne assignments, to Eureka Williams Corporation. Control mechanism for refrigerating systems. 2,400,665; May 21.

Thomas, Raymond E., Newburgh, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Embossing bowl. 2,406,718; Aug. 27.

Thomas, Robert M.: *See*—
Sparks, William J., and Thomas.

Thomas, Robert M., and C. W. Ostrander, assignors, by mesne assignments, to Rheem Research Products Incorporated, Baltimore, Md. Coating for cadmium and zinc. 2,393,663; Jan. 29.

Thomas, Robert M., Pasadena, Calif., and C. W. Ostrander, assignors to Rheem Research Products Incorporated, Baltimore, Md. Corrosion resistant metal. 2,393,664; Jan. 29.

Thomas, Robert M., and C. W. Ostrander, Baltimore, assignors, by mesne assignments, to Rheem Research Products Incorporated, Baltimore 17, Md. Coating. 2,393,943; Jan. 29.

Thomas, Robert M., Union, and F. P. Baldwin, Pluckemin, N. J., assignors, by mesne assignments, to Jasco, Incorporated. Extrudable polymer composition. 2,399,262; Apr. 30.

Thomas, Robert M., Union, and D. C. Field, Linden, N. J., assignors, by mesne assignments, to Jasco, Incorporated. Recovery of low-temperature polymerization products. 2,408,007; Sept. 24.

Thomas, Robert W., assignee, executor: *See*—
Miller, Frank P.

Thomas, W. Maureen, assignee, et al.: *See*—
Thomas, Walter O.

Thomas, Walter M., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Defibering of wet strength paper. 2,394,273; Feb. 5.

Thomas, Walter O., Winter Park, Fla., assignor, by decree of distribution, to C. D. and W. M. Thomas. Fruit clipper. 2,407,803; Sept. 17.

Thomas, Wilbur E., Bronx, N. Y. Mechanical collator. 2,399,584; Apr. 30.

Thomas, William: *See*—
Rose, Edwin L., Tweedale, Thomas, and Frankland.

Thomas, William, San Francisco, Calif. Bevel, level, and protractor instrument. 2,399,303; Apr. 30.

Thomas, William, San Francisco, Calif. Placer mining machine. 2,405,622; Aug. 13.

Thomas, William, assignor to The Waterbury Tool Company, Waterbury, Conn. Ammunition conveyer. 2,403,882; July 9.

Thomas, William, assignor to The Waterbury Tool Company, Waterbury, Conn. Ammunition conveyer. 2,408,883; July 9.

Thomas, William, and R. L. Tweedale, assignors to The Waterbury Tool Company, Waterbury, Conn. Ammunition conveyer. 2,403,884; July 9.

Thomas, William D., Jr.: *See*—
Cook, Elmer W., and Thomas.

Thomas, William R.: *See*—
Teige, John J., and Thomas.

Thomason, William H., Margret, Ga. Drive mechanism. 2,408,456; Oct. 1.

Thommen, Hans, and G. Brühlmann, assignor to Aktiengesellschaft Brown, Boveri & Cie, Baden, Switzerland. Gas blast circuit breaker. 2,404,995; July 30.

Thommen, William H., Plymouth, assignor to Nubend Plywood Corporation, Milwaukee, Wis. Casket construction. 2,392,298; Jan. 1.

Thompson, Albert L., assignor to Bendix Aviation Corporation, South Bend, Ind. Carburetor. 2,410,758; Nov. 5.

Thompson, Albert S., Primos, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Lubrication control. 2,402,467; June 18.

Thompson, Albert T., New Orleans, La. Pressure vessel. 2,412,434; Dec. 10.

Thompson, Alfred E., and R. D. Salmon, assignors to Creed and Company Limited, Croydon, England. Telegraph apparatus. 2,404,007; July 16.

Thompson, Alfred E., and R. D. Salmon, assignors to Creed and Company Limited, Croydon, England. Preparing facsimile messages for transmission. 2,406,865; Sept. 3.

Thompson, Alfred E., and R. D. Salmon, Croydon, assignors to Creed and Company Limited, Croydon, Surrey, England. Device for preparing messages for facsimile transmission. 2,407,304; Sept. 10.

Thompson, Arthur H.: *See*—
Engler, Kyle, Barger, and Thompson.

Thompson, Charles L., Oakland, Calif. Bearing removing tool. 2,406,445; Aug. 27.

Thompson, Donald C.: *See*—
Richardson, Arthur B., and Thompson.

Thompson, Earl L.: *See*—
Lutherman, Lewis A., and Thompson.

Thompson, Edward O.: *See*—
Biehl, Fred, and Thompson.

Thompson Electric Company, The, assignee: *See*—
Farrington, Thayer B., Keller, and Farrington.

Thompson, Elmer B., assignor to Globe Hoist Company, Des Moines, Iowa. Vehicle lift. 2,402,265; June 18.

Thompson, Elmer O., Grasmere, N. Y., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Stylus device. 2,399,585; Apr. 30.

Thompson, Elmer O., Grasmere, N. Y., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Tuning apparatus. 2,405,277; Aug. 6.

Thompson, Elvin A., Sharon, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. High voltage protective link. 2,412,926; Dec. 17.

Thompson, Ernest H., Winnetka, R. W. Lockhart, and E. L. Wolf, assignors to Automatic Canteen Company of America, Chicago, Ill. Cooking and vending machine. 2,392,511; Jan. 8.

Thompson, Ernest S., Stockton, Calif. Disk harrow. 2,406,866; Sept. 3.

Thompson, George C., assignor of fifty per cent to E. W. Harrison, Winnipeg, Manitoba, Canada. Aerial and land vehicle. 2,402,468; June 18.

Thompson, George E., Stockton, Calif. Hydraulic drive unit. 2,395,355; Feb. 19.

Thompson, George L.: *See*—
Krister, Charles J., Sedusky, and Thompson.

Thompson Grinder Company, The, assignee: *See*—
Baldenhofer, William G.
Wilson, John C.

Thompson, Harry C., Princeton, N. J., assignor to Radio Corporation of America. Electron discharge device. 2,409,165; Oct. 8.

Thompson, Harry H., assignor to Wingfoot Corporation, Akron, Ohio. Rubber reclaim. 2,407,193; Sept. 3.

Thompson, Harry H., and D. Y. Moore, assignors to Wingfoot Corporation, Akron, Ohio. Reclaiming. 2,409,402; Oct. 15.

Thompson, Hjalmar C., assignor to Deere & Company, Moline, Ill. Tension control device for flexible endless belts and the like. 2,413,265; Dec. 24.

Thompson, Howard, assignee: *See*—
Keller, Auguste V.

Thompson, Howard A., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,401,201; May 28.

Thompson, Howard A., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,405,860; Aug. 13.

Thompson, Howard O., San Francisco, Calif. Tunnel boring machine. 2,404,605; July 23.

Thompson, James A.: *See*—
Dinsmore, Theodore R., and Thompson.

Thompson, John, Cleveland, Ohio, assignor to The Pipe Machinery Company, Cleveland, Ohio. Cutting tool. 2,400,856; May 21.

Thompson, Joseph S., assignor to Pacific Electric Manufacturing Corporation, San Francisco, Calif. Disconnecting switch. 2,413,200; Dec. 24.

Thompson, Kenneth M.: *See*—
Hersberger, Arthur B., and Thompson.

Thompson, Le Roy, Blakely, Ga., assignor to Locomotive Economizer Corporation, New York, N. Y. Smoke box structure. 2,398,058; Apr. 9.

Thompson, Lincoln, Cheshire, assignor to The Soundscriber Corporation, New Haven, Conn. Vibrating headphone band. 2,395,356; Feb. 19.

Thompson, Lincoln, Cheshire, assignor to The Sound Scriber Corporation, New Haven, Conn. Two-amplifier recording and reproducing phonograph. 2,409,520; Oct. 15.

Thompson, Louis T. E., Dahlgren, Va., and R. H. Goddard, Roswell, N. Mex. Emergency control mechanism for aircraft. 2,395,435; Feb. 26.

Thompson, Louis W., Schenectady, N. Y., assignor to General Electric Company. Resistance regulator. 2,398,679; Apr. 16.

Thompson, Malcolm H., Dallas, Tex. Circle indicator. 2,401,029; May 28.

Thompson, Paul V., Indianapolis, Ind. Device for measuring pressure of the spinal fluid. 2,396,351; Mar. 12.

Thompson, Peter: *See*—
Friedman, Abraham, and Thompson.

Thompson, Peter, New Orleans, La. Cargo ship construction. Re. 22,815; Dec. 3.

Thompson Products, assignee: *See*—
McDill, Rex De O.

Thompson Products, Inc., assignee: *See*—
Booth, James H.
Britton, Karl B.
Caserta, Michele.
Colwell, Archie T.
Dunn, Allen I.
Graham, Matthew P.
Graham, Matthew P., and Venditty.
Hoertz, Norman.
Johnson, Paul P.
Kerwin, John M., and Norton.
Newey, Daniel H.
Newton, John A., and Hoertz.
Norton, Samuel H.
Ralston, Eldon K.
Snyder, Jacob R.
Snyder, Jacob R., and Norton.
Thoren, Theodore R., and Johnson.
Townhill, Arthur.
Van Epps, John N.
Venditty, Anthony.
Venditty, Anthony, and Graham.
Waag, Norman E.

Thompson, Ralph B.: *See*—
Chenicek, Joseph A., and Thompson.

Thompson, Ralph B., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 2,404,934; July 30.

Thompson, Ralph B., and J. A. Chenicek, Riverside, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,397,820; Apr. 2.

Thompson, Ralph B., and J. A. Chenicek, Riverside, assignors to Universal Oil Products Company, Chicago, Ill. Paraffin alkylation process. 2,411,817; Nov. 26.

Thompson, Ransom S., assignor to United Aircraft Corporation, East Hartford, Conn. Segment type resilient engine mount. 2,411,562; Nov. 26.

Thompson, Rebecca G., administratrix: *See*—
Engler, Kyle, Barger, and Thompson.

Thompson, Richard A., assignor to Colonial Broach Company, Detroit, Mich. Grinding wheel dresser. 2,404,148; July 16.

Thompson, Robert F., Narrows, Va., assignor to Celanese Corporation of America. Extractor. 2,400,962; May 28.

Thompson, Robert V., Indianapolis, Ind. Hand grip and closure for cartons. 2,407,111; Sept. 3.

Thompson, Thomas, Bothell, Washington. Recreational roller toy. 2,403,885; July 9.

Thompson, Tom H., Mamaroneck, N. Y., assignor to Thompson-Wade Corporation, Detroit, Mich. Fluid transmission. 2,404,668; July 23.

Thompson, Urban T., San Francisco, Calif. Drinking fountain. 2,392,512; Jan. 8.

Thompson, Vaughan, Cranberry Portage, Manitoba, Canada. Sliding bolsting clamp. 2,393,430; Jan. 22.

Thompson-Wade Corporation, assignee: *See*—
Thompson, Tom H.

Thompson, Walter C.: *See*—
Goldberg, Harold, and Thompson.

Thompson, Wendell S., Lynn, Mass., assignor to General Electric Company. Centrifugal compressor. 2,392,200; Jan. 1.

Thompson, Wendell S., Lynn, Mass., assignor to General Electric Company. Centrifugal compressor. 2,399,072; Apr. 23.

Thompson, Willis F., Portland, Maine, assignor to The Alden Speare's Sons Co., Cambridge, Mass. Pump. 2,408,109; Sept. 24.

Thompson, Willis F., Portland, Maine, and A. R. Speare, Weston, assignors to The Alden Speare's Sons Co., Cambridge, Mass. Garment hanger. 2,393,074; Jan. 15.

Thomsen, Alfred M., San Francisco, Calif. Obtaining magnesia and potash from the waters of the Great Salt Lake. 2,404,550; July 23.

Thomsen, Alfred M., San Francisco, Calif., assignor to Pacific Acetate and Chemical Company. Making of activated carbon. 2,403,140; July 2.

Thomsen, Hugo, Washington, D. C. Binder. 2,413,157; Dec. 24.

Thomsen, William A. V.: *See*—
Grant, Harry C., Jr., and Thomsen.

Thomson, Alan C., Los Angeles, Calif. Helicopter with coaxial rotors and control means therefor. 2,410,533; Nov. 5.

Thomson, Alex, administrator: *See*—
Johnson, Victor S.
White, Sidney Y.

Thomson, Bernard, London, England. Remote control system. 2,399,954; May 7.

Thomson, Bernard, London, England. Electric remote-control system. 2,399,956; May 7.

Thomson-National Press Co., Inc., assignee: *See*—
Whittaker, Lloyd A., and Peterson.

Thomson, Thomas: *See*—
Whitworth, Edward, Thomson, and Wark.

Thomson, Thomas, Kilmarnock, Scotland, assignor to Imperial Chemical Industries Limited. Surface coated propellent explosive powders. 2,407,967; Sept. 17.

Thomte, Sten E. A., Vastervik, Sweden. Grinding. 2,412,435; Dec. 10.

Thonet, Max H., St. Paul, Minn. Turnbuckle wrench. 2,397,574; Apr. 2.

Thor, Clifford J. B.: *See*—
Bordenca, Carl, and Thor.

Thoren, Theodore R., and P. P. Johnson, Cleveland, Ohio, assignors to Thompson Products, Inc. Manufacturing ribbed dome hollow head valves. 2,411,764; Nov. 26.

Thoresen, Einar: *See*—
Marsh, Walter H., and Thoresen.

Thoresen, John C., Warwick, assignor to Builders Iron Foundry, Providence, R. I. Constructing filter bottoms. 2,401,121; May 28.

Thoresen, John C., Warwick, and J. R. Hartley, Barrington, assignors to Builders Iron Foundry, Providence, R. I. Sand expansion indicator. 2,401,122; May 28.

Thorn, Richard N., West Concord, Minn. Wheel steering means for wagons and the like. 2,412,927; Dec. 17.

Thornburg, Herbal A., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Engine starting apparatus. 2,400,789; May 21.

Thornbury, Sydney G., assignor to Turco Products, Inc., Los Angeles, Calif. Composition for and method of cleaning and coating metal. 2,408,155; Sept. 24.

Thorndike, Herbert A., assignor to March Engineering Company, Oshkosh, Wis. Method of and apparatus for finishing split sealing rings. 2,401,279; May 28.
Thorne, William E., Bay City, Mich. Collapsible scaffold. 2,398,604; Apr. 16.
Thorner, Marvin E.: *See*—
Lieber, Eugene, and Thorner.
Thornes, Fred, Toms River, N. J. Helicopter. 2,404,014; July 16.
Thornes, Leslie S.: *See*—
Birch, Stanley F., Fidler, and Thornes.
Thornhill, George, Aldridge, England. Chuck. 2,394,118; Feb. 5.
Thornhill, Peter W., assignor to Automotive Products Company Limited, Leamington Spa, England. Fluid pressure remote-control system. 2,398,870; Apr. 23.
Thornhill, William S.: *See*—
Morris, Rupert C., Shokal, and Thornhill.
Thornton, Arthur W.: *See*—
Mumma, Paul F., and Thornton.
Thornton, Lawrence J.: *See*—
Mulvany, Thomas C., and Thornton.
Thornton, Loxia C., Fresno, Calif. Artificial limb. 2,398,977; Apr. 23.
Thornton, Ray F., Dearborn, Mich. Vehicle construction. 2,395,769; Feb. 26.
Thornton, Ray F., Dearborn, Mich. Power unit. 2,406,269; Aug. 20.
Thorp, Joel R.: *See*—
Riemann, Howard C., and Thorp.
Thorp, Joel R., and S. Strand, assignors to The Fulton Company, West Allis, Wis. Lock nut. 2,403,566; July 9.
Thorson, George, Chicago, Ill. Container holder for ladders and the like. 2,394,823; Feb. 12.
Thrasdy, Clarence E., assignee: *See*—
Tratsch, Walter A.
Thrasdy, Clarence E., assignee, trustee: *See*—
Bradner, Burke C.
Tratsch, Walter A.
Thresh, Frank R.: *See*—
Knowlton, Cutler D., and Thresh.
Thresh, Frank R., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Gun-charging mechanism. 2,408,110; Sept. 24.
Thresh, H. A., & Company, assignee: *See*—
Thresh, Marquis O.
Thresh, Marquis O., assignor to H. A. Thresh & Company, Peru, Ind. Adjustable supply T. 2,404,996; July 30.
Thulander, John I.: *See*—
Hennessy, John F., and Thulander.
Thulin, Ivar V., Upper Darby, Pa. Combination indicating calipers. 2,395,154; Feb. 19.
Thumim, Carl, Yeadon, Pa., D. C. Prince, Schenectady, N. Y., and H. B. Dhonau, Philadelphia, Pa., assignors to General Electric Company. Electric circuit breaker. 2,392,201; Jan. 1.
Thunell, Karl H.: *See*—
Rost, Helge F., Thunell, Vigren, and Claesson.
Thurber, Elmer A., Brooklyn, N. Y., and L. A. Wooten, Summit, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Carbiding. 2,400,893; May 28.
Thurlow, Alma L., executrix: *See*—
Thurlow, Thomas L.
Thurlow, Thomas L., deceased, Venice, Calif.; A. L. Thurlow, executrix. Horizontal reference means for sextants and the like. 2,395,921; Mar. 5.
Thurman, Benjamin H., Charlotte, N. C., assignor, by mesne assignments, to Benjamin Clayton, Houston, Tex., doing business as Refining Unincorporated. Making soap. 2,403,413; July 2.
Thurman, Benjamin H., Charlotte, N. C., assignor, by mesne assignments, to B. Clayton, Houston, Tex., doing business as Refining Unincorporated. Insecticide. 2,407,041; Sept. 3.
Thurston, Arthur L., Wantagh, N. Y., assignor to Cox and Stevens Aircraft Corporation. Calculator. 2,405,803; Aug. 13.
Thurston, George H., Camp Hood, Tex. Combination drafting instrument. 2,393,873; Jan. 29.
Thurston, George H., Camp Hood, Tex. Ball bearing. 2,396,623; Mar. 12.
Thurston, Jack T.: *See*—
Kaiser, Donald W., and Thurston.
Thurston, Jack T., Cos Cob, Conn., assignor to American Cyanamid Company, New York, N. Y. Aliphatic substituted guanamines. 2,394,526; Feb. 5.
Thurston, Jack T., Riverside, Conn., assignor to American Cyanamid Company, New York, N. Y. Alpha furyl aldehyde sulphonates. 2,402,510; June 18.
Thurston, Jack T., Riverside, Conn., assignor to American Cyanamid Company, New York, N. Y. Alpha furyl carboxylic acid sulphonates, esters, and salts thereof. 2,402,511; June 18.
Thurston, Jack T., Riverside, Conn., assignor to American Cyanamid Company, New York, N. Y. Alpha furyl amide sulphonates. 2,402,512; June 18.
Thurston, Jack T., Riverside, Conn., assignor to American Cyanamid Company, New York, N. Y. Alpha furyl nitrile sulphonates. 2,402,513; June 18.
Thurston, Jack T., Riverside, Conn., assignor to American Cyanamid Company, New York, N. Y. Alpha furyl nitroethane sulphonates. 2,402,514; June 18.
Thwaites, Leslie B., Cubbington, near Leamington Spa, England. Apparatus for moving loose material. 2,395,238; Feb. 19.
Thyberg, Albert S.: *See*—
Gorrell, John E., and Thyberg.
Tibbals, Charles E., Bluefield, W. Va. Longwall mining machine. 2,399,073; Apr. 23.
Tibbals, Charles E., Bluefield, W. Va. Breaking down mechanism. 2,399,074; Apr. 23.
Tibbals, Charles E., Bluefield, W. Va. Undercutting and conveying element. 2,399,075; Apr. 23.
Tibbals, Charles E., Bluefield, W. Va. Longwall mining machine. 2,399,713; May 7.
Tibbetts, George C., Camden, Maine. Piezoelectric device. 2,403,692; July 9.
Tice, Reuben S., Monterey, Calif. Mill. 2,392,958; Jan. 15.
Tichenor, Robert L.: *See*—
Morey, Donald R., and Tichenor.
Tickle, Arthur B., Jr., New York, N. Y. Construction of bulkheads, walls, partitions, and the like. 2,399,151; Apr. 23.
Tidd, Arthur H.: *See*—
Glanz, Sjunne W., and Tidd.
Tidd, Edwin B., Mount Prospect, assignor to Bell & Gossett Company, Morton Grove, Ill. Heating system. 2,395,697; Feb. 26.
Tidd, Edwin B., Mount Prospect, assignor to Bell & Gossett Company, Chicago, Ill. Automatic valve. 2,397,706; Apr. 2.
Tide Water Associated Oil Company, assignee: *See*—
Galstaun, Lionel S.
Gebauer, Adam H.
Lazar, Arthur, and Carter.
Jones, Benjamin G., and Sharp.
Ruedrich, Paul M.
Tyler, Walter S.
Viland, Clare K., and Hyde.
Tiedemann, Julius B., assignor to A. O. Smith Corporation, Milwaukee, Wis. Flash welding machine. 2,413,663; Dec. 31.
Tiedtke, Ernest W.: *See*—
Booharin, Leo Y., Tiedtke, and Koehn.
Tiemeier, Walter E., assignor to Murray Iron Works Company, Burlington, Iowa. Steam boiler. 2,393,205; Jan. 15.
Tien, Hsin-Ya, Calcutta, India. Internal-combustion engine. 2,404,467; July 23.
Tierney, Marcus M., St. Paul, Minn. Container and support. 2,395,562; Feb. 26.
Tietjen, E. J., assignee: *See*—
Evans, Eugene M.
Tiffany, Frank E., Claremont, assignor of one-fifth to W. J. Mathieu, North Hollywood, one-fifth to J. H. Reniers, San Marino, one-fifth to R. J. Swonk, Van Nuys, and one-fifth to F. J. Walsh, North Hollywood, Calif. Electric switch. 2,395,698; Feb. 26.
Tiffany, Frank E., Claremont, Calif., assignor, by mesne assignments, to Lockheed Aircraft Corporation. Detachable plug. 2,396,901; Mar. 19.
Tiger, Howard L., New York, N. Y., and P. C. Goetz, Mount Holly, N. J., assignors to The Permutit Company, New York, N. Y. Recovering copper values from dilute solutions of copper salts. 2,397,575; Apr. 2.
Tighe, John C., Omaha, Nebr. Artificial tooth. 2,404,327; July 16.
Tiley, John W., assignor to Philco Corporation, Philadelphia, Pa. Coaxial line termination. 2,409,599; Oct. 15.
Tiley, John W., Philadelphia, Pa., assignor to Philco Corporation. Antenna system. 2,413,085; Dec. 24.
Tillage & Sub-Soiling Company Limited, The, assignee: *See*—
Foot, Edward H. W.
Tillett, George H.: *See*—
Fleisher, Harry, and Tillett.
Tillman, John E., Stratford, Conn., assignor to General Electric Company. Converter. 2,404,669; July 23.
Tillman, John E., Stratford, Conn., assignor to General Electric Company. Radio frequency transformer. 2,413,201; Dec. 24.
Tills, John W., Upton, Wirral, J. B. Lovatt, Hoylake, Wirral, and F. C. Potts, Upton, Wirral, England. Production of high vacua. 2,404,997; July 30.
Tillyer, Edgar D.: *See*—
Bennett, Alva H., and Tillyer.
Tilton & Cook Co., assignee: *See*—
Holden, Crofton C.
Tilton, Danley, assignor to R. H. Clark, Los Angeles, Calif. Work carrier. 2,397,300; Mar. 26.
Tilton, Joshua A., Baton Rouge, La., assignor to Standard Oil Development Company. Production of aromatic hydrocarbons. 2,396,761; Mar. 19.
Timber Engineering Company, assignee: *See*—
Smith, Lawrence W.
Timefax Corp., assignee: *See*—
Dalton, Harold R., and Cooley.
Times Telephoto Equipment Inc., assignee: *See*—
Cooley, Austin G.
Dillenback, Garett V., and Cooley.

Timken-Detroit Axle Company, assignee: *See*—
Buckendale, Lawrence R.
Timken-Detroit Axle Company, The, assignee: *See*—
Alden, Herbert W., Buckendale, and Super.
Brownyer, Nelson R.
Buckendale, Lawrence R.
Buckendale, Lawrence R., and Keese.
Goldie, Rowland J., and Wilber.
Keese, Beverly W.
Morgan, Mathew B.
Powers, Milton A., and Sutterfield.
Vickers, Carroll B.
Timken Roller Bearing Company, The, assignee: *See*—
Boden, Ernest G.
Bonte, Frederick R.
Bouchez, Seraphin J.
Buckwalter, Tracy V.
Buckwalter, Tracy V., and Scribner.
Edwards, Herbert C.
Fleischmann, Martin.
Haager, Paul L.
Haines, Harry F.
Timmer, Frederick E.: *See*—
Allen, Robert M., and Timmer.
Timmons, William D., Coshocton, Ohio. Fireproofing coating method and product. 2,395,922; Mar. 5.
Timpson, Lewis G. M.: *See*—
Mattin, Harry E., and Timpson.
Timson, Arthur G., Haverhill, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Reversible shoe. 2,409,813; Oct. 22.
Tindall, John B., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Production of 1,1-dichloro-1-nitroalkanes. 2,397,384; Mar. 26.
Tinker, Eugene O., Playa del Rey, assignor to The Garrett Corporation, Airesearch Manufacturing Company division, Los Angeles, Calif. Exhaust heat exchanger. 2,393,840; Jan. 29.
Tinker, Walter H., Glenside, Pa., assignor, by mesne assignments, to H S B Corporation. Projectile propelled injector. 2,397,385; Mar. 26.
Tinnerman, Albert H., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,396,062; Mar. 5.
Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,394,728; Feb. 12.
Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,394,729; Feb. 12.
Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Bonding clamp. 2,399,899; May 7.
Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,399,957; May 7.
Tinnerman, George A., assignor to Tinnerman Products Inc., Cleveland, Ohio. Fastening device. 2,399,958; May 7.
Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,400,142; May 14.
Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,400,270; May 14.
Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,400,666; May 21.
Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,401,202; May 28.
Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,401,672; June 4.
Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Hose clamp. 2,402,710; June 25.
Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Detonator clamp. 2,405,912; Aug. 13.
Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,405,913; Aug. 13.
Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,406,415; Aug. 27.
Tinnerman Products, Inc., assignee: *See*—
Hartman, Richard A.
Judd, Charles H.
Judd, Charles H., and Giammatteo.
Tinnerman, Albert H.
Tinnerman, George A.
Tinsler, Vernon R., and H. L. Brock, Detroit, assignors to Ford Motor Company, Dearborn, Mich. Guard mechanism. 2,413,266; Dec. 24.
Tippen, Frank J., Coventry, assignor to L. F. Lee, near Stratford-on-Avon, England. Governing gear for engines and other machines. 2,407,042; Sept. 3.
Tipton, Elizabeth B., executrix: *See*—
Tipton, William D.
Tipton, William D., deceased, Stoneleigh, Md.; E. B. Tipton, executrix. Hydrodynamic transmission. 2,408,008; Sept. 24.
Tirrel, Frank J., George, Iowa. Plank or board joint. 2,405,469; Aug. 6.
Tisdale, Wendell H., Wilmington, Del., and I. Williams, Borger, Tex., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Disinfectants. Re. 22,750; Apr. 30.
Tishler, Max: *See*—
Weijlard, John, and Tishler.
Tishler, Max, assignor to Merck & Co., Inc., Rahway, N. J. Tetraacetyl ribonic acid and making it. 2,409,455; Oct. 15.
Tisza, Edmond T., and B. F. Duesel, assignors to Pyridium Corporation, Yonkers. Production of pyridine 3-sulphonic acid and its salts. 2,406,972; Sept. 3.
Titan Valve and Manufacturing Company, The, assignee: *See*—
Van Denberg, Thomas F., and Selby.
Titanium Alloy Manufacturing Company, The, assignee: *See*—
Miller, John B.
Van Mater, Henry L.
Wainer, Eugene.
Titcomb, Lee R., Chicago, Ill. Temperature control valve. 2,393,841; Jan. 29.
Titeflex, Inc., assignee: *See*—
Carter, Shirley J.
Ingalls, David.
Ingalls, David, and Hamilton.
Levy, Jerome B.
Peters, Melville F., and Phillips.
Robertson, Edwin A.
Titelox Manufacturing Company, assignee: *See*—
Lord, Francis Le B.
Titlestad, Nicolay, White Plains, assignor to Chemical Construction Corporation, New York, N. Y. Sulfuric acid regeneration. 2,406,930; Sept. 3.
Tittel, Roger C.: *See*—
Waterbury, Neil M., and Tittel.
Titus, Charles H., Philadelphia, Pa., assignor to General Electric Company. Gas cooling arrangement for circuit interrupters. 2,408,352; Sept. 24.
Titus, Thomas L., assignor to The Wyott Manufacturing Company, Cheyenne, Wyo. Fountain pump. 2,408,009; Sept. 24.
Titus, Thomas L., Cheyenne, Wyo., assignor to The Wyott Manufacturing Company, Cheyenne, Wyo. Measuring trap chamber with barometric cutoff. 2,408,156; Sept. 24.
Toalson, Lloyd L., San Antonio, Tex. Sounding toy. 2,397,061; Mar. 19.
Tobe Deutschmann Corporation, assignee: *See*—
Geoghegan, Eamonn D. A.
Tocci-Guilbert, Berne, San Francisco, Calif. Surface grinder. 2,395,519; Feb. 26.
Toce, Charles A. and V. J., Houston, assignors to Federal Aircraft Engine Corporation, Harris County, Tex. Mechanical vapor fuel injector for engines. 2,413,343; Dec. 31.
Toce, Victor J.: *See*—
Toce, Charles A. and V. J.
Tod, Charles W., Kingswinford, Brierley Hill, assignor to Albright & Wilson Limited, Oldbury, near Birmingham, England. Production of alginate solutions. 2,405,861; Aug. 13.
Todd, Floyd, Drexel Hill, assignor to Quaker Chemical Products Corporation, Conshohocken, Pa. Corrosion testing apparatus. 2,405,532; Aug. 6.
Todd, James D., Louisville, Ky., assignor to Kentucky Color and Chemical Company, Louisville, Ky. Strontium chromate pigments and preparing the same. 2,400,271; May 14.
Todd, James D., Louisville, Ky., assignor to Kentucky Color and Chemical Company, Louisville, Ky. Barium chromate pigments and preparing the same. 2,400,272; May 14.
Todd, Keith W., Warrington, England, assignor to Metropolitan-Vickers Electrical Company, Limited, London, England. Mechanical relay of the fluid jet type. 2,397,448; Mar. 26.
Todd, Keith W., Warrington, assignor to Metropolitan-Vickers Electrical Company Limited, London, England. Mechanical relay of the fluid jet type. 2,408,705; Oct. 1.
Todd, Russell T., assignor to McKay Machine Company, Youngstown, Ohio. Apparatus for feeding metal strip to metal working presses. 2,394,824; Feb. 12.
Todd, Seldon P., Gloucester City, and F. C. Verduin, Auburn, N. J., assignors to The Sherwin-Williams Company, Cleveland, Ohio. Iron hydrate and the manufacture and use of the same. 2,403,248; July 2.
Todd Shipyards Corporation, assignee: *See*—
Stark, William, and Gately.
Toews, Edward E., assignor to Rub-R-Slat Draper Co., Halstead, Kans. Conveyer belt. 2,400,667; May 21.
Toft, John D., South Portland, Maine. Fish discharging apparatus. 2,396,305; Mar. 12.
Toft, John D., South Portland, Maine. Apparatus for screening fish from streams of water. 2,402,099; June 11.
Tognola, Tullio: *See*—
Spengler, Walter J., Tognola, and Frei.
Tokheim Oil Tank and Pump Company, assignee: *See*—
Oberly, Chester C., and Waugh.

Toland, William C., Brookline, Mass., and B. B. Burbank, Brunswick, Maine, assignors to said Toland, trustee. Making fibrous materials. 2,402,469; June 18.

Toland, William C., Brookline, Mass., assignor to W. C. Toland, trustee. Printing plate means. 2,413,664; Dec. 31.

Tolo, Ernest W., administrator: *See*—
Browne, Cecil O., and Hobbs.

Toledo Automatic Brush Machine Company, The, assignee: *See*—
Jobst, Conrad.

Toledo Plate & Window Glass Company, The, assignee: *See*—
Jones, Norman B.

Toledo Scale Company, assignee: *See*—
Hem, Halvor O.
Jerome, Alan J.
Longmate, Ralph B.
Williams, Lawrence S.
Wood, George R.

Tolen, Willard R., Riverside, Calif. Baby comfort cab. 2,400,790; May 21.

Tolman, John A., assignor to F. T. Bromley, Detroit, Mich. Dynamic balancing machine. 2,394,411; Feb. 5.

Tolmie, Edgar S., Fairfield, Conn., assignor to Remington Rand, Inc., Buffalo, N. Y. Vibratory motor. 2,396,397; Mar. 12.

Tolnai, Gabor K., assignor to Arenco Aktiebolag, Stockholm, Sweden. Transmission device. 2,400,668; May 21.

Tolson, William A., Princeton, N. J., assignor to Radio Corporation of America. Heat responsive device. 2,410,317; Oct. 29.

Tolson, William A., Westmont, and W. J. Poch, Moorestown, N. J., assignors to Radio Corporation of America. Cathode ray tube system. 2,400,791; May 21.

Tolson, William A., Westmont, and R. S. Holmes, Haddonfield, N. J., assignors to Radio Corporation of America. Television system. 2,401,441; June 4.

Tolson, William A., and C. A. Meneley, Princeton, N. J., assignors to Radio Corporation of America. Radiant energy locating system. 2,409,456; Oct. 15.

Tom, John E., Cleveland, Ohio. Portable crane. 2,394,217; Feb. 5.

Tomes, Gilbert A. R.: *See*—
Graves, Arnold, and Tomes.

Tomik, George A., Orland Park, Ill., assignor to International Harvester Company. Steering and driving gear for vehicles. 2,394,119; Feb. 5.

Tominaga, Masaichi, Kamata-ku, Tokyo, Japan; vested in the Alien Property Custodian. Sound arrester in the ventilator of sound-arresting rooms. 2,394,342; Feb. 5.

Tommello, Samuel M., Chicago, Ill. Bacon hanger. 2,412,233; Dec. 10.

Tomkins-Johnson Company, assignee: *See*—
Ward, Loyd A., and Taylor.

Tomlinson, George H., Montreal, Quebec, and G. H. Tomlinson, Jr., Cornwall, Ontario, assignors to Howard Smith Paper Mills, Limited, Montreal, Quebec, Canada. Treating lignocelluiosic material. 2,406,867; Sept. 3.

Tomlinson, George H., Jr.: *See*—
Tomlinson, George H. und G. H., Jr.

Tomkins Bros. Co., assignee: *See*—
Ingalls, Willis A.

Tomsick, Walter, Los Angeles, Calif. Tool. 2,400,177; May 14.

Tondreau, Albert W., and E. B. McGreal, Los Angeles, Calif., assignor to Warner Brothers Pictures, Inc. Film slating system. 2,402,100; June 11.

Tong, Christopher P., and J. W. May, assignors to Wright's Automatic Machinery Company, Durham, N. C. Folding machine. 2,400,475; May 14.

Tonsberg, Carl O., Westfield, N. J., assignor to Standard Oil Development Company. Hydrocarbon isomerization process. 2,403,314; July 2.

Tonsberg, Carl O., Westfield, and H. J. Hall, Roselle, N. J., assignors to Standard Oil Development Company. Paraffin isomerization process. 2,406,868; Sept. 3.

Tonks, Lewi, Schenectady, N. Y., assignor to General Electric Company. Pulse generating system. 2,405,069; July 30.

Tonks, Lewi, Schenectady, N. Y., assignor to General Electric Company. Pulse generating system. 2,405,071; July 30.

Tonks, Lewi, Schenectady, N. Y., assignor to General Electric Company. Wave guide structure. 2,409,913; Oct. 22.

Tonks, Lewi, Schenectady, and M. Davis, Alplaus, N. Y., assignors to General Electric Company. Square wave pulse generating system. 2,405,070; July 30.

Tonks, Lewi, and Le R. Apker, Schenectady, N. Y., assignors to General Electric Company. Wave propagation. 2,407,911; Sept. 17.

Tonn, Hans: *See*—
Neumann, Heinrich, Bukowski, Ramshorn, Spiegel, and Tonn.

Toohey, Catherine, administratrix: *See*—
Toohey, Patrick F.

Toohey, Patrick F., deceased, Burgettstown, assignor of one-half to M. Robb, Slovan, Pa.; C. Toohey, administratrix. Loading pan. 2,409,994; Oct. 22.

Toole, Gerald C.: *See*—
Field, Crosby, and Toole.

Toomey, John, Holbrook, Mass. Dispensing truck. 2,405,862; Aug. 13.

Toomim, Hershel, Great Neck, N. Y., assignor to Press Wireless, Inc., Chicago, Ill. Balanced modulator system. 2,399,586; Apr. 30.

Toomim, Hershel, Douglaston, assignor, by mesne assignments, to Remco Electronic, Inc., New York, N. Y. Regenerative bass compensation circuit. 2,408,242; Sept. 24.

Toone B., (Nottingham) Limited: *See*—
Cole, Bernard T.

Toone, Gilbert C.: *See*—
Flett, Lawrence H., and Toone.

Toorell, Sture: *See*—
Carlström, Bengt, Grip, and Toorell.

Toorks, William P., Salem, Mass., assignor to Sylvania Electric Products Inc. Luminescent material and preparing the same. 2,402,855; June 25.

Tootal Broadhurst Lee Company, assignee: *See*—
Hall, Archibald J., and Wood.

Tootal Broadhurst Lee Company Limited, assignee: *See*—
Cowley, John F.
Nield, Leslie C.

Topott, Sidney F.: *See*—
Hunter, Albert E., and Topott.

Torburn, Gustav P., San Carlos, Calif. Locking and sealing blind bolt connection. 2,393,431; Jan. 22.

Torell, Leland C., and W. E. White, Bethlehem, Pa., assignors to Bethlehem Steel Company. Vibration dampening splice. 2,406,270; Aug. 20.

Torgerson, Joseph L., Milwaukee, Wis. Grinding machine for shaping workpieces. 2,410,955; Nov. 12.

Tormollan, Owen E., Jr., Raspeburg, assignor to The Glenn L. Martin Company, Middle River, Md. Beaching gear. 2,392,786; Jan. 8.

Tornblom, Nils A., assignor to Appleton Electric Company, Chicago, Ill. Explosionproof lighting fixture. 2,392,202; Jan. 1.

Tornblom, Nils A., Chicago, Ill., assignor to Appleton Electric Company. Drain fitting. 2,405,927; Aug. 13.

Toro, Louis, assignor to S. Toro, Brooklyn, N. Y. Hair curling device. 2,402,470; June 18.

Toro, Sylvia, assignee: *See*—
Toro, Louis.

Torrance, James J.: *See*—
Twining, George E., and Torrance.

Torrence, Edmond G., Port Arthur, Tex. Cable stripping tool. 2,410,252; Oct. 29.

Torrence, Maynard F.: *See*—
Nowlen, James P., and Torrence.

Torrens, Julia R. W., Lake Jackson, Tex. Ornamental hair curler cover. 2,409,081; Oct. 8.

Torresen, Carel T., Santa Monica, assignor to North American Aviation, Inc., Inglewood, Calif. Aircraft power plant arrangement. 2,409,323; Oct. 15.

Torricelli, Decio, Springfield, Mass. Septic tank. 2,412,785; Dec. 17.

Torrington Manufacturing Co., The, assignee: *See*—
Collura, Francesco.
Place, Charles I.

Torry, Alan: *See*—
Linley, Anthony, and Torry.

Torsion Balance Co., The, assignee: *See*—
Segter, William C.

Tortenson, Henry A., assignee: *See*—
Morberg, Kenneth F.

Toth, Emerick, Cheverly, Md. Tuned inductor. 2,395,520; Feb. 26.

Toth, Julius, East McKeesport, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electrical apparatus. 2,399,406; Apr. 30.

Toti, Andrew J., and W. E. Snowden, Modesto, Calif., assignors, by direct and mesne assignments, to Modesto Manufacturing Co. Fowl picker. 2,412,108; Dec. 3.

Touceda, Enrique G., U. S. Navy. Making dies for the injection molding of plastics. 2,397,168; Mar. 26.

Touceda, Enrique G., Loudonville, and R. P. De Vries, Menands, N. Y., assignors to Allegheny Ludlum Steel Corporation. Beryllium alloy steels and articles of manufacture produced therefrom. 2,393,488; Jan. 22.

Touceda, Enrique G., Loudonville, and R. P. De Vries, Menands, N. Y., assignors to Allegheny Ludlum Steel Corporation. Beryllium copper alloy steels and articles of manufacture produced therefrom. 2,397,222; Mar. 26.

Touceda, Enrique G., Loudonville, and R. P. De Vries, Menands, N. Y., assignors to Allegheny Ludlum Steel Corporation. Chrome beryllium alloy steel and articles of manufacture produced therefrom. 2,403,141; July 2.

Toulmin, Harry A., Jr.: *See*—
Waldie, William A., and Toulmin.

Toulmin, Harry A., Jr., Oakwood, Ohio, assignor to H-P-M Development Corporation, Wilmington, Del. Powder metallurgy. 2,393,130; Jan. 15.

Toulmin, Harry A., Jr., Oakwood, assignor, by mesne assignments, to Chemical Developments Corporation, Dayton, Ohio. Pigmented resin gel. 2,408,353; Sept. 24.

Toussaint, Walter J.: *See*—
Quattlebaum, William M., Jr., and Toussaint.

Tower, Charles H.: *See*—
Lowey, Francis J., and Tower.

Tower, Dell K.: *See*—
Rietz, Earl B., and Tower.

Towmotor Corporation, assignee: *See*—
Guerin, Paul R.
Guerin, Paul R., and Musgrave.

Town, Edward W., Philadelphia, Pa. Cushion for artificial dentures. 2,392,513; Jan. 8.

Towne, Edmund B., J. B. Dickey, and J. R. Byers, Jr., assignors to Eastman Kodak Company, Rochester, N. Y. Anthraquinone compounds. 2,398,454; Apr. 16.

Towner, Stanley H., and P. A. Childs, London, England, assignors, by mesne assignments, to International Standard Electric Corporation, New York, N. Y. Electromagnetic relay. 2,411,503; Nov. 26.

Townhill, Arthur, assignor to Thompson Products, Inc., Cleveland, Ohio. Quick disconnect coupling. 2,397,576; Apr. 2.

Townhill, Arthur, assignor to Thompson Products, Inc., Cleveland, Ohio. Making plug type hollow poppet valves. 2,410,190; Oct. 29.

Townsend, Donald K.: *See*—
Schmidt, Walter M., and Townsend.

Townsend, George B., Brooklyn, N. Y. Fuel control mechanism. 2,398,199; Apr. 9.

Townsend, Mark A.: *See*—
Whiteside, Jack R., and Townsend.

Townsend, Mark A., Cleveland Heights, Ohio, assignor to General Electric Company. Starting control for electric discharge devices. 2,408,493; Oct. 1.

Townsend, Raymond L., Wichita, Kans. Welding electrode holder. 2,401,523; June 4.

Townsend, Roy, West Bend, Wis. Clutch. 2,401,524; June 4.

Townsley, Malcolm G., Park Ridge, assignor to The Bell & Howell Company, Chicago, Ill. Clamping device and clamp strip therefor. 2,393,842; Jan. 29.

Toy, Arthur D. F., Chicago, Ill., assignor to Victor Chemical Works. Aliphatic esters of phenylphosphonic acid. 2,400,577; May 21.

Trachtenberg, Samuel, Cleveland, Ohio. Jewelry box. 2,410,760; Nov. 5.

Track, Laura K., Brooklyn, N. Y. Thread holding and cutting device. 2,402,696; June 25.

Tracy, Atlee H., Sarasota, Fla. Resilient vehicle wheel. 2,393,721; Jan. 29.

Tracy, John M., and H. G. Veeder, Londonville, N. Y. Signal device. 2,409,166; Oct. 8.

Trader, Russell V., Mifflin Township, Allegheny County, Pa. Airplane tail support. 2,394,825; Feb. 12.

Trader, Russell V., Mifflin Township, Allegheny County, Pa. Tail skid connection for airplanes. 2,394,826; Feb. 12.

Traders Supplies Limited, assignee: *See*—
Halvey, Arthur F.

Trafford, James E., Chicago, Ill. Medical suction apparatus. 2,400,178; May 14.

Trafton, Mark, Jr.: *See*—
Reif, Ernest O., and Trafton.

Trafton, Warren L., Cambridge, Mass., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Cable harness clamp. 2,404,110; July 16.

Trager, John, Malden, Mass. Drum cleaning machine. 2,395,593; Feb. 26.

Trail, Herbert H., assignor to Fuller Manufacturing Company, Kalamazoo, Mich. One-way brake. 2,392,013; Jan. 1.

Trailer Company of America, The, assignee: *See*—
Black, James J.

Trailmobile Company, The, assignee: *See*—
Black, James J.

Trainer, Maurice N., East Orange, N. J., assignor to American Brake Shoe Company, New York, N. Y. Brake shoe. 2,402,101; June 11.

Tranefors, Carl G., Gotenburg, Sweden. Camera shutter 2,398,567; Apr. 16.

Transit Research Corporation, assignee: *See*—
Piron, Emil H.
Rossell, William T.

Transmission Specialties Company, assignee: *See*—
Gerst, Chris.

Transplanters (Robot) Limited, assignee: *See*—
Pomieraniec, Israel.

Transradio Internacional Compañia Argentina De Telecomunicaciones, Sociedad Anonima, assignee: *See*—
Noviks, Bers, and Valo.

Tratsch, Walter A., assignor to Clarence E. Threedy, Chicago, Ill., as trustee. Coin chute. 2,392,344; Jan. 8.

Tratsch, Walter A., assignor to C. E. Threedy, Chicago, Ill., as trustee. Amusement apparatus. 2,396,762; Mar. 19.

Tratsch, Walter A., Chicago, Ill. Reading lamp. 2,406,480; Aug. 27.

Tratsch, Walter A., assignor to C. E. Threedy, Chicago, Ill., as trustee. Amusement apparatus. 2,406,481; Aug. 27.

Traugott, Paul, assignor to Electro-Physical Laboratories, Inc., New York, N. Y. Electrocardiograph. 2,412,639; Dec. 17.

Traupel, Walter, assignor to Sulzer Freres, Societe Anonyme, Winterthur, Switzerland. Gas turbine plant. 2,392,622; Jan. 8.

Traupel, Walter, assignor to Sulzer Freres, Societe Anonyme, Winterthur, Switzerland. Gas turbine plant. 2,392,623; Jan. 8.

Traupel, Walter, assignor to Sulzer Freres, Societe Anonyme, Winterthur, Switzerland. Gas turbine plant. 2,399,152; Apr. 23.

Traurig, Charles A., Flushing, N. Y. Adjustable shoe tree. 2,400,273; May 14.

Trautman, Walter C., Los Angeles, Calif., assignor to Bendix Aviation Corporation, South Bend, Ind. Fluid coupling. 2,393,489; Jan. 22.

Trautmann, Herbert L., Los Angeles, assignor to Zephyr Manufacturing Co., Inglewood, Calif. Stop device. 2,402,353; June 18.

Trautner, Wagn, Hamilton, assignor to The K-D Lamp Company, Cincinnati, Ohio. Vehicle signal. 2,409,403; Oct. 15.

Trautschold, Reginald, Passaic, N. J., assignor to Curtiss-Wright Corporation. Roller arrangement for conducting electrical current. 2,409,600; Oct. 15.

Trautvetter, George: *See*—
Ledwinka, Joseph, and Trautvetter.

Trautvetter, George, Jenkintown, assignor to The Budd Company, Philadelphia, Pa. Vehicle body construction. 2,407,112; Sept. 3.

Traver Corporation, assignee: *See*—
Ullsmith, Otto.

Traver, Oliver C., Drexel Hill, Pa., assignor to General Electric Company. Protective system. 2,403,414; July 2.

Travilla, James C., Jr., Swarthmore, Pa., assignor to General Steel Castings Corporation, Granite City, Ill. Railway truck structure. 2,393,722; Jan. 29.

Travilla, James C., Jr., Swarthmore, Pa., assignor to General Steel Castings Corporation, Granite City, Ill. Engine truck. 2,402,711; June 25.

Travis, Bernard V.: *See*—
Jones, Howard A., and Travis.

Travis, Harold A., Spokane, Wash. Floor cleaning apparatus. 2,397,707; Apr. 2.

Travis, Henry, Ocean Beach, Calif. Rotating airplane landing wheels. 2,408,706; Oct. 1.

Travis, Pierce M., Ridgewood, N. J., assignor, by mesne assignments, of one-fourth to J. D. Silberman and one-fourth to M. Hirsch, New York, N. Y. Stabilized dispersions and forming shaped articles. 2,404,008; July 16.

Trawick, Jack G., Birmingham, Ala., assignor to The Brown Instrument Company, Philadelphia, Pa. Control system. 2,395,357; Feb. 19.

Traxler, Ralph N.: *See*—
Best, Joseph C., and Schweyer.

Traylor, Waldorf S., Mansfield, Mass., and D. R. Wiggam, West Grove, Pa., assignors to Hercules Powder Company, Wilmington, Del. Molding compositions. 2,413,011; Dec. 24.

Treadway, Robert H., Philadelphia, Pa., assignor to the United States of America as represented by the Secretary of Agriculture. Preparing starch acetate. 2,399,455; Apr. 30.

Treboux, Jules, Rieben, near Basel, assignor to the firm J. R. Geigy A. G., Basel, Switzerland. Dicyanodiamide-ammonia condensation products and making same. 2,405,863; Aug. 13.

Treciokas, Jacob P., Oakville, assignor to Scovill Manufacturing Company, Waterbury, Conn. Fastener setting machine. 2,406,516; Aug. 27.

Treff, Alfred: *See*—
Mero, Ralph M., and Treff.

Trefry, Harry G., Belmont, Mass. Portable display table. 2,400,320; May 14.

Trefz, Julius J., Evanston, and L. S. Shoberg, Glenview, assignors to Julius F. Trefz, Evanston, Ill., as trustee. Making molding material. 2,397,323; Mar. 26.

Tremain, Henry E., and L. R. Bacon, assignors to Wyandotte Chemical Corporation, Wyandotte, Mich. Aqueous alkaline reacting cleaning bath having reduced foaming characteristics. 2,407,589; Sept. 10.

Tremblay, Laurent: *See*—
Jamieson, Marcel, and Tremblay.

Tremolada, Guglielmo R., assignor to Emsco Derrick & Equipment Company, Los Angeles, Calif. Air operated clutch. 2,407,043; Sept. 3.

Trenor, Albert D., Gloucester, Mass., assignor, by mesne assignments, to the United States of America, as represented by the Secretary of Navy. Steering control. 2,396,478; Mar. 12.

Trent, Edward M., assignor to Powderlays Limited, Coventry, England. Separating hard constituents from sintered hard metals. 2,407,752; Sept. 17.

Trent, Floyd E., assignor to W. F. Geyer, San Pablo, and J. H. Donnelly, San Lorenzo, Calif. Antisweat composition. 2,393,874; Jan. 29.

Trent, Walter R., North Arlington, N. J., assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Process of treating fatty glycerides. Re. 22,751; Apr. 30.

Treseder, Richard S.: *See*—
Wachter, Aaron, and Treseder.

Trevaskis, Henry, Solihull, assignor to Dunlop Rubber Company Limited, London, England. Electrical switch apparatus for operating devices on aircraft, and other purposes. 2,397,386; Mar. 26.

Trevaskis, Henry, Foleshill, Coventry, assignor to Dunlop Rubber Company Limited, London, England. Firing mechanism of automatic guns. 2,397,387; Mar. 26.

Trevaskis, Henry W., Solihull, Birmingham, assignor to Dunlop Rubber Company, Limited, London County, England. Solenoid. 2,403,315; July 2.

Trevino, Inocenti, Los Angeles, Calif. Flatiron holder. 2,410,534; Nov. 5.

Trevisan, Italo Raymond, Newark, N. J. Knotless package tie. Re. 22,753; May 7.

Trevor, Bertram, Riverhead, N. Y., assignor to Radio Corporation of America. Pulse signaling system. 2,401,619; June 4.

Trexler, Richard R., Evanston, Ill. Liquid dispensing apparatus. 2,404,258; July 16.

Triangle Engineering Company, assignee: *See*— Saunders, Enos P.

Triant, William, assignee: *See*— Crawford, Eliot G.

Tribune Company, assignee: *See*— Wolf, Otto R.

Tribuson, Victor, Norwood, Mass. Steam boiler. 2,401,988; June 11.

Trice, William T., Mobile, Ala. Helicopter. 2,399,076; Apr. 23.

Trico Products Corporation, assignee: *See*— Horton, Erwin C. Rappl, Anton.

Tricoli, Frank, Hoboken, N. J. Air attachment for rivet heaters. 2,400,894; May 28.

Triller, Benjamin J., assignor to Farley & Loetscher Manufacturing Company, Dubuque, Iowa. Window construction. 2,403,565; July 9.

Trilling, David M., assignee, et al.: *See*— Trilling, David M., and Rich.

Trilling, David M., Merion, and G. H. Rich, Philadelphia, assignors to D. M. Trilling, Merion, and H. Montague, Philadelphia, Pa. Space heater. 2,405,072; July 30.

Trimbach, Clem G., Eggertsville, N. Y., assignor to Curtiss-Wright Corporation. Multiple ammunition boxes. 2,398,263; Apr. 9.

Trimbach, Clem G., Eggertsville, N. Y., assignor, by mesne assignments, to Curtiss-Wright Corporation. Arresting gear. 2,408,354; Sept. 24.

Trimbach, Clem G., Eggertsville, and P. M. Birk, Kenmore, N. Y., assignors to Curtiss-Wright Corporation. Interrupter for flexibly mounted guns. 2,397,577; Apr. 2.

Trimble, Harold C., Miami Springs, Fla. Capsule container and vender. 2,404,009; July 16.

Trimble, Lyne S., North Hollywood, Calif. Producing color prints and products. 2,396,726; Mar. 19.

Trimble Nurseryland Furniture, Inc., assignee: *See*— Swasey, Edward S.

Trimz Company Inc., assignee: *See*— Staunton, Le Roy W., Close, and Hess.

Trinkel, Benjamin H., Providence, R. I. Sleeping jacket. 2,401,591; June 4.

Trinkle, Dallas R., Dayton, Ohio, assignor to Merco-Trinkle Machine Co., San Francisco, Calif. Contouring machine. 2,404,149; July 16.

Trinkle, Frederick A., assignee: *See*— Schwindt, Jack, and Trinkle.

Trinks, Willibald, Pittsburgh, Pa., assignor to The Taylor-Winfield Corporation, Warren, Ohio. Driving means for roller electrodes and the like. 2,412,069; Dec. 3.

Triple Insulaire Company, The, assignee: *See*— Aschenbrener, Rudolph A.

Triplett, Ray L., assignee: *See*— Lingel, Frederick J.

Triplett, Thomas L., Encino, Calif. Vaporizing means. 2,406,517; Aug. 27.

Tripp, Chester D., Chicago, Ill. Lock nut making machine. 2,408,457; Oct. 1.

Tripp, Eldon L.: *See*— Shoop, Glen C., and Tripp.

Trisler, Milton A., Indianapolis, Ind., assignor to General Motors Corporation, Detroit, Mich. Altitude compensator for fuel pumps. 2,406,973; Sept. 3.

Trist, Arthur R., London, W.1, England. Method and machine for burnishing the surface of paper. 2,404,606; July 23.

Trobeck, Carl G.: *See*— Bergstrom, Hilding O. V., and Trobeck.

Troedsson, Carl B., assignor to Lockheed Aircraft Corporation, Burbank, Calif. Building construction. 2,397,388; Mar. 26.

Troell, Roy E., Schenectady, N. Y., assignor to General Electric Company. Phase comparator. 2,405,073; July 30.

Troimov, Lev A., Willoughby, Ohio. Power apparatus for driving loads at variable speeds. 2,397,062; Mar. 19.

Trojner, Arthur M., East Stroudsburg, Pa., assignor to Line Material Company, Milwaukee, Wis. Operating mechanism for electrical switches. 2,410,253; Oct. 29.

Troxel, Arthur E., Berkeley, Calif. Grouting. 2,411,011; Nov. 12.

Trojan Powder Company, assignee: *See*— Papazoni, Charles F. Wyler, Joseph A.

Troller, Theodor H., and C. P. Jenkins, New Philadelphia, Ohio, assignors to La-Del Conveyor & Manufacturing Company. Fan and motor structure. 2,397,169; Mar. 26.

Troller, Theodor H., and C. P. Jenkins, New Philadelphia, Ohio, assignors to La-Del Conveyor & Manufacturing Company. Fan and motor mounting. 2,397,171; Mar. 26.

Tronic, Max, Worcester, Mass. Ironing board. 2,406,050; Aug. 20.

Tropiano, Anthony, East Portchester, Conn. Making heat-resistant cementitious material. 2,410,761; Nov. 5.

Tropical Plantations Limited, assignee: *See*— Hitchcock, Stanley I.

Trostler, Fredrick, and T. Andrews, Whitford, near Holywell, North Wales, assignors to The Sink and Float Corporation, New York, N. Y. Separation of solid materials of different specific gravity. 2,398,127; Apr. 9.

Trotter, John C.: *See*— Maurer, Le Roy F., and Trotter.

Trotter, John C., Williamsville, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Ordnance. 2,396,136; Mar. 5.

Trotter, John C., Williamsville, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Ordnance. 2,397,449; Mar. 26.

Trotter, John C., Williamsville, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Shock absorbing gun mount. 2,409,404; Oct. 15.

Trotter, John C., Williamsville, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Aircraft gun mount. 2,409,405; Oct. 15.

Trotter, John C., Williamsville, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Machine gun feed mechanism. 2,413,665; Dec. 31.

Trotter, John C., Burlington, Vt., assignor to Bell Aircraft Corporation, Buffalo, N. Y. Safety control mechanism for power-operated ordnance. 2,409,406; Oct. 15.

Trotter, John C., Burlington, Vt., assignor to Bell Aircraft Corporation. Gun mount. 2,410,614; Nov. 5.

Trotter, John C., Burlington, Vt., assignor to Bell Aircraft Corporation, Buffalo, N. Y. Gun and sight mounting. 2,412,109; Dec. 3.

Trotter, John C., Williamsville, L. W. Holland, Kenmore, and G. E. Schultz, assignors to Bell Aircraft Corporation, Buffalo, N. Y. Ordnance. 2,401,989; June 11.

Trout, Glen H.: *See*— Bannerman, Gordon H., Curran, and Trout.

Troxell, George E., Berkeley, Calif., assignor to Kalman Floor Company, Inc., New York, N. Y. Rotary troweling machine. 2,394,274; Feb. 5.

Troxell, George E., Berkeley, Calif., assignor to Kalman Floor Company, Inc., New York, N. Y. Concrete surfacing machine. 2,400,321; May 14.

Troxler, Charles G., North Canton, assignor to The Hoover Company, Canton, Ohio. Suction cleaner. 2,405,170; Aug. 6.

Troxler, Charles G., Canton, assignor to The Hoover Company, North Canton, Ohio. Air cleaner. 2,406,931; Sept. 3.

Troxler, Charles G., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,409,082; Oct. 8.

Truax, Dave E.: *See*— Griffin, Ira L., Truax, and Nuttall.

Truax, Robert C., R. C. Stiff, Jr., W. Schubert, and J. R. Patton, Jr., U. S. Navy, and R. Youngquist, Annapolis, Md. Two-stage rocket system. 2,408,111; Sept. 24.

Truax, Robert C., R. C. Stiff, Jr., W. Schubert, and J. R. Patton, Jr., U. S. Navy, and R. Youngquist, Annapolis, Md. Rocket motor cooling system. 2,408,112; Sept. 24.

Truckseis, David E., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York. Voltage regulator. 2,392,434; Jan. 8.

Trucktor Corporation, The, assignee: *See*— Keller, George, Jr.

True, Edwin S.: *See*— Vale, Virgil V., and True.

Truesdell, Robert S., Los Angeles, assignor of thirty-five one-hundredths to F. E. Howell, Long Beach, and twenty-five one-hundredths to F. W. Harrington, Los Angeles, Calif. Reconditioning files. 2,405,101; July 30.

Truesdell, Virginia M., Los Angeles, Calif. Body garment. 2,409,601; Oct. 15.

Truitt, Joseph A., West Chester, Pa., assignor to American Viscose Corporation, Wilmington, Del. Asbestos yarn. 2,401,389; June 4.

Trumbull Electric Manufacturing Company, The, assignee: *See*— Anderson, William, and Naber. Anderson, William C. Carlson, Elmer T. Getchell, Benjamin E.

Trumbull, Fred W., Los Altos, Calif. Combination for use in accounting. 2,401,030; May 28.

Trumbull, Walter M., Newark, and B. W. Kinyon, Bloomfield, N. J., assignors to Radio Corporation of America. Electrode structure and manufacture. 2,413,267; Dec. 24.

Trump, Frederick O., Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. Material separating and delivery means. 2,401,203; May 28.

Trumpler, William E., Easton, Pa., assignor to Carrier Corporation, Syracuse, N. Y. Refrigerant vapor system. 2,411,847; Nov. 19.

Truscon Steel Company, assignee: *See*— Mehard, Robert S.

Trust, M. L., assignee: *See*— Greenleaf, Robert M., and Hunt.

Trutner, Donald G.: *See*— Cox, James L., and Trutner. Hofmann, Alfred, Trutner, and Wachtler. Wachtler, Friedrich M., and Trutner.

Tsao, Utah, assignor to The Lummus Company, New York, N. Y. Isomerization of paraffinic hydrocarbons. 2,400,689; May 21.

Tschop, Harry E., Huntington, W. Va., assignor to The International Nickel Company, Inc., New York, N. Y. Making sulphur-containing nickel anodes electrolytically. 2,392,708; Jan. 8.

Tschumi, Otto, assignor to Autophon Aktiengesellschaft, Soleure, Switzerland. Device for switching-in and disconnecting signal apparatus. 2,394,275; Feb. 5.

Tuck, Davis H., Redding Ridge, Conn. Methods of and apparatus for increasing incandescent lamp life. 2,407,113; Sept. 3.

Tuck, Davis H., Redding Ridge, Conn., and K. Franck and W. Quack, Newark, Ohio, assignors to Holophane Company, Inc., New York, N. Y. Dust tight fluorescent lighting luminaire. 2,413,666; Dec. 31.

Tucker Aircraft Corporation, assignee: *See*— Tucker, Preston T., Stewart, and Tanner.

Tucker, Elton B.: *See*— Grubb, Henry M., and Tucker.

Tucker, Harold H.: *See*— Hodshon, Alfred E., and Tucker.

Tucker, Hartwell F., Detroit, Mich. Supporting rack for toothbrushes. 2,400,445; May 14.

Tucker, John W., Manchester, Ga. Textile machinery. 2,408,587; Oct. 1.

Tucker, Mana L., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Apparatus for centering shanks in casting diamond bits. 2,412,786; Dec. 17.

Tucker, Nathaniel B., Louisville, Ky., assignor to The Procter & Gamble Company, Cincinnati, Ohio. Producing esters. 2,399,959; May 7.

Tucker, Preston T., Detroit, Mich., W. G. Stewart, and J. H. Tanner, New York, N. Y., assignors to Tucker Aircraft Corporation, Detroit, Mich. Gun mounting and control mechanism. 2,408,707; Oct. 1.

Tucker, Theodore C.: *See*— Adams, Arben H., and Tucker.

Tucker, Thomas E., Montgomery, Ala. Burial bag. 2,398,477; Apr. 16.

Tucker, Thomas T., assignor to Belle Weather Incorporated, Atlanta, Ga. Booth. 2,408,469; July 9.

Tucker, Warren R., Dayton, Ohio, assignor to The Hydraulic Development Corp., Inc., Wilmington, Del. Horizontal injection press. 2,392,203; Jan. 1.

Tucker, Warren R., Dayton, Ohio, assignor to The Hydraulic Development Corp. Inc., Wilmington, Del. Pump with split cylinder. 2,394,120; Feb. 5.

Tucker, Warren R., Dayton, Ohio, assignor to The Hydraulic Development Corporation, Inc., Wilmington, Del. Hydraulic system. 2,399,520; Apr. 30.

Tucker, Warren R., Dayton, Ohio, assignor to The Hydraulic Development Corporation, Inc., Wilmington, Del. Hydraulically controlled machine tool. 2,406,482; Aug. 27.

Tucker, Warren R., Dayton, Ohio, assignor to H-P-M Development Corporation, Wilmington, Del. Upward acting molding press. 2,410,909; Nov. 12.

Tucker, Warren R., Dayton, and G. A. Waldie, Franklin, assignors to The Hydraulic Development Corp. Inc., Mount Gilead, Ohio. Torque amplifier. 2,395,979; Mar. 5.

Tuerck, Karl H. W.: *See*— Staudinger, Hanns P., and Tuerck.

Tuerck, Karl H. W., Banstead, England, assignor to The Distillers Company Limited, Edinburgh, Scotland. Oxidation of acrolein to acrylic acid. 2,397,891; Apr. 2.

Tuerck, Karl H. W., Banstead, and H. J. Lichtenstein, London, England, assignors to The Distillers Company Limited, Edinburgh, Scotland. Production of alph-chloro, beta-hydroxynitriles. 2,394,644; Feb. 12.

Tuerck, Karl H. W., Banstead, and E. H. Brittain, Epsom Downs, England, assignors to The Distillers Company Limited, Edinburgh, Scotland. Manufacture of acetic anhydride. 2,403,769; July 9.

Tuerck, Karl H. W., Banstead, and H. J. Lichtenstein, Epsom Downs, assignors to The Distillers Company Limited, Edinburgh, Scotland. Manufacture of acetic anhydride. 2,405,470; Aug. 6.

Tuerck, Karl H W., Heathfield, Buckles Way, Banstead, and E. H. Brittain, Epsom Downs, England, assignors to The Distillers Company Limited, Edinburgh, Scotland. Manufacture of acetic anhydride. 2,405,471; Aug. 6.

Tuerck, Karl H. W., Banstead, and H. J. Lichtenstein, Epsom, England, assignors to The Distillers Company Limited, Edinburgh, Scotland. Manufacture of hydroxy acids. 2,411,700; Nov. 26.

Tuerck, Karl H. W., Banstead, England, assignor to The Distillers Company Limited, Edinburgh, Scotland. Production of acetoacetic esters and their homologues. 2,412,928; Dec. 17.

Tuin Corporation, assignee: *See*— Bennett, John M.

Tull, Robert H., Springfield, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Dispensing apparatus. 2,403,470; July 9.

Tulliar, Benjamin F., East Greenbush, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Preparation of intermediates useful for amino acid syntheses. 2,393,723; Jan. 29.

Tullis, Boyd W., assignor to The Coleman Lamp and Stove Company, Wichita, Kans. Portable stove. 2,397,766; Apr. 2.

Tumulty, Charles L., assignee, et al.: *See*— Zorich, Stephen.

Tumulty, Forrest H., assignee, et al.: *See*— Zorich, Stephen.

Tung-Sol Lamp Works, Inc., assignee: *See*— Atkins, Carl E. Bareiss, Max. Braunsdorff, Reginald K., and Curtis. Kew, Frank R., and Bannon. Kuhlman, Richard. Whipple, George L.

Tunick, Harry, Rye, N. Y., assignor to Radio Corporation of America. Wave conversion. 2,406,932; Sept. 3.

Tunick, Harry, Rye, N. Y., assignor to Radio Corporation of America. Radio relaying. 2,407,212; Sept. 3.

Tunick, Harry, Rye, N. Y., assignor to Radio Corporation of America. Radio relaying. 2,407,213; Sept. 3.

Tunis, Richard M., Kennett Square, Pa. Magnetic separator. 2,392,624; Jan. 8.

Tunley, Allan A., assignor to Baker Perkins, Limited, Peterborough, England. Conveyer mechanism. 2,403,249; July 2.

Tunley, Allan A., Peterborough, assignor to Baker Perkins Limited, Peterborough, Northampton, England. Air blast nozzle device for enrobers or chocolate coating machines and the like. 2,410,762; Nov. 5.

Turbett, Forrest L., Joplin, Mo., assignor to The Eagle-Picher Company, Cincinnati, Ohio. Polishing material and making same. 2,396,398; Mar. 12.

Turchan, Manuel, Dearborn, and C. Walker, Detroit, Mich. Hydraulic duplicating milling attachment for rotary tables. 2,401,803; June 11.

Turco Products, Inc., assignee: *See*— Holman, Emmette R. Stine, Carl A. Thornbury, Sydney G.

Turechek, George F., assignor to Lane-Wells Company, Los Angeles, Calif. Gun perforator. 2,391,932; Jan. 1.

Turenchalk, Harry: *See*— Turenchalk, John and H.

Turenchalk, John and H., Yonkers, N. Y. Automatic lubricator for tailstock centers. 2,409,324; Oct. 15.

Turin, John J., West Newton, Mass., and A. W. Peters, assignors, by mesne assignments, to Surface Combustion Corporation, Toledo, Ohio. Fuel fired vacuum furnace. 2,404,328; July 16.

Turinsky, Otto: *See*— Ralston, Anderson W., and Turinsky.

Turk, Amos, Mount Lebanon, Pa., and P. D. Boone, Washington, D. C. Conjugated fatty polyene compounds. 2,405,380; Aug. 6.

Turkel, Henry, Detroit, Mich. Retaining guard guide for needles. 2,402,306; June 18.

Turkevich, John: *See*— Taylor, Hugh S., and Turkevitch.

Turnbull, Stockton G., Jr.: *See*— Calcott, William S., Holbrook, & Turnbull.

Turnbull, Stockton G., Jr., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Sterol derivatives and their production. 2,393,075; Jan. 15.

Turnbull, William J., Towson, and W. Buchal, Parkville, assignors to The Glenn L. Martin Company, Middle River, Md. Rocket firing tube. 2,398,871; Apr. 23.

Turner, Alfred H., Collingswood, N. J., assignor to Radio Corporation of America. Concentric line oscillator. 2,408,355; Sept. 24.

Turner, Alfred H., Collingswood, N. J., assignor to Radio Corporation of America. Ultra high frequency tuner. 2,408,895; Oct. 8.

Turner, Alfred H., Collingswood, N. J., assignor to Radio Corporation of America. Microwave multiband tuner. 2,408,896; Oct. 8.

Turner, Arthur F.: *See*— Swope, Joe E., Jr., Turner, and Ullrich.

Turner, Arthur F., Brighton, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Surface testing device. 2,394,951; Feb. 12.

Turner, Arthur F., Brighton, N. Y., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Reflecting element for polarized light. 2,409,407; Oct. 15.

Turner, Benjamin B.: *See*— Hastings, Sam H., and Turner.

Turner, Charles K., Broadview Heights, Ohio, assignor to The American Steel and Wire Company of New Jersey. Electrolytic cleaning apparatus. 2,398,059; Apr. 9.

Turner, Charles L., Chicago, Ill. Stool-type latrine aid. 2,399,960; May 7.

Turner, Charles L., assignor to L. J. Turner, Long Beach, Calif. Pin clearing apparatus. 2,411,348; Nov. 19.

Turner, Edgar P.: *See*—
Happe, Reynold, and Turner.

Turner, Edwin E., Jr., West Roxbury, assignor to Submarine Signal Company, Boston, Mass. Submarine signaling. 2,398,815; Apr. 23.

Turner, Edwin E., Jr., West Roxbury, assignor to Submarine Signal Company, Boston, Mass. Submarine signaling. 2,398,816; Apr. 23.

Turner, Edwin E., Jr., West Roxbury, assignor to Submarine Signal Company, Boston, Mass. High frequency vibrator. 2,402,697; June 25.

Turner, Edwin E., Jr., West Roxbury, assignor, by mesne assignments, to Submarine Signal Company, Boston, Mass. Sending and receiving apparatus. 2,407,328; Sept. 10.

Turner, Edwin E., Jr., West Roxbury, assignor, by mesne assignments, to Submarine Signal Company, Boston, Mass. Apparatus for submarine signaling. 2,407,329; Sept. 10.

Turner, Edwin E., Jr., West Roxbury, assignor, by mesne assignments, to Submarine Signal Company, Boston, Mass. Direction determining system. 2,407,330; Sept. 10.

Turner, Edwin E., Jr., West Roxbury, assignor, by mesne assignments, to Submarine Signal Company, Boston, Mass. Apparatus for submarine signaling. 2,408,113; Sept. 24.

Turner, Edwin E., Jr., West Roxbury, assignors, by mesne assignments, to Submarine Signal Company, Boston, Mass. Apparatus for echo distance measurement. 2,408,458; Oct. 1.

Turner, Edwin E., Jr., West Roxbury, assignor, by mesne assignments, to Submarine Signal Company, Boston, Mass. Oscillator. 2,410,112; Oct. 29.

Turner, Edwin E., Jr., West Roxbury, assignor, by mesne assignments, to Submarine Signal Company, Boston, Mass. Oscillator. 2,410,113; Oct. 29.

Turner, Edwin E., Jr., West Roxbury, assignor, by mesne assignments, to Submarine Signal Company, Boston, Mass. Magnetostriction oscillator. 2,411,911; Dec. 3.

Turner, Edwin E., Jr., West Roxbury, assignor, by mesne assignments, to Submarine Signal Company, Boston, Mass. Apparatus for echo distance measurement. 2,412,234; Dec. 10.

Turner, Edwin E., Jr., West Roxbury, assignor, by mesne assignments, to Submarine Signal Company, Boston, Mass. Signaling system. 2,412,910; Dec. 3.

Turner, Edwin E., Jr., West Roxbury, assignor, by mesne assignments, to Subrarine Signal Company, Boston, Mass. Producing mechanical vibrations. 2,413,012; Dec. 24.

Turner, Floyd F., assignor to The Haughton Elevator Company, Toledo, Ohio. Overload safety switch for elevators. 2,404,415; July 23.

Turner, Francis L. A., assignor to Harrison Enterprises Limited, Montreal, Quebec, Canada. Automatic loading device. 2,393,432; Jan. 22.

Turner, Frank D., Neenah, Wis., assignor of one-half to H. D. Meincke, Chicago, Ill. Paper garment. 2,406,416; Aug. 27.

Turner, Fred L.: *See*—
Wood, Glenn D., and Turner.

Turner, George F., Chicago, Ill., assignor of one-fourth to P. S. Harper, one-fourth to C. L. Harper, Chicago, Ill., one-fourth to Harris Trust and Savings Bank, Chicago, Ill., as trustee for a trust known as "The Philip S. Harper Trust," and one-fourth to Harris Trust and Savings Bank, Chicago, Ill., as trustee for a trust known as "The Carolyn L. Harper Trust." Burner construction. 2,403,142; July 2.

Turner, George T., New York, N. Y., and E. P. Wenzelberger, Plainfield, N. J., assignors to Johnson & Johnson. Adhesive sheets. 2,411,237; Nov. 19.

Turner, John M., Thedford, Nebr. Automobile jack. 2,396,063; Mar. 5.

Turner, John R., and R. C. Byers, assignors to Eastman Kodak Company, Rochester, N. Y. Method and apparatus for grinding and polishing optical prisms. 2,394,645; Feb. 12.

Turner, Lee L., Spring Lake, assignor to The Kavdon Engineering Corporation, Muskegon, Mich. Welding rod holder. 2,395,358; Feb. 19.

Turner, Leighton J., assignee: *See*—
Turner, Charles L.

Turner, Nelson C., Tulsa, Okla. Separating gases or the like. 2,398,817; Apr. 23.

Turner, Nelson C., Tulsa, Okla. Apparatus for separating gases and the like. 2,398,818; Apr. 23.

Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Waste thread accumulator for weft replenishing looms. 2,395,436; Feb. 26.

Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Thread accumulator for weft replenishing looms. 2,396,215; Mar. 5.

Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Loom reed. 2,396,974; Mar. 19.

Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Shuttle check controlled by temperature. 2,397,821; Apr. 2.

Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Thread cutter for looms. 2,398,264; Apr. 9.

Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Loom. 2,400,792; May 21.

Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Pneumatic thread remover for weft replenishing looms. 2,400,963; May 28.

Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Shuttle with rubber tip. 2,409,003; Oct. 8.

Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Bobbin receiver for weft replenishing looms. 2,411,068; Nov. 12.

Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Flexible bobbin receiver and support therefor. 2,411,069; Nov. 12.

Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Bobbin receiver with movable bottom. 2,411,643; Nov. 26.

Turner, Robert W., East Orange, N. J., assignor to Federal Telephone and Radio Corporation. Selectivity adjustment coupling network. 2,400,857; May 21.

Turner, William E., assignor to O. B. Andrews Company, Chattanooga, Tenn. Fiberboard cushioning filler for cartons. 2,410,591; Nov. 5.

Turner, William H., Brielle, N. J. Bonded reinforcing frame. 2,410,466; Nov. 5.

Turner, William L., assignor of one-half to B. Moore, Jr., San Antonio, Tex. Concrete bridge superstructure. 2,405,335; Aug. 6.

Turnquist, Edwin N.: *See*—
Schuetz, Thomas J., and Turnquist.

Turquand, William G., Brooklyn, assignor to Underwood Corporation, New York, N. Y. Typewriting machine. 2,397,578; Apr. 2.

Turrettini, Fernand, Bellevue-Geneva, assignor to Societe Genevoise d'Instruments de Physique, Geneva, Switzerland. Device for determining electrically the position of objects. 2,401,712; June 4.

Turrettini, Fernand, assignor to the firm Societe Genevoise D'Instruments de Physique, Geneva, Switzerland. Optical, device for checking the alignment of the geometrical axes of two mechanical parts. 2,402,856; June 25.

Turski, Jozef S., London, England. Introducing an amino group into aromatic compounds. 2,401,525; June 4.

Turtle, Rupert C., Shirley, Croydon, and D. W. Reynolds, Hackbridge, assignors to Arens Controls Limited, East Croydon, England. Mechanism for transmitting rotary motion. 2,398,568; Apr. 16.

Tuska, Clarence D., Philadelphia, Pa., assignor to Radio Corporation of America. Ticket issuing machine. 2,400,793; May 21.

Tuska, Clarence D., Philadelphia, Pa., assignor to Radio Corporation of America. Obstacle detecting system. 2,403,622; July 9.

Tuthill Pump Company, assignee: *See*—
Endebak, Peter.

Tutt, Richard, Jr., J. R. Hubbard, and C. R. McKee, assignors to Peter Cooper Corporations, Gowanda, N. Y. Composition for effecting agglomeration of solids in aqueous suspensions. 2,403,143; July 2.

Tutt, Richard, Jr., J. R. Hubbard, and C. R. McKee, assignors to Peter Cooper Corporations, Gowanda, N. Y. Composition for effecting agglomeration of solids in aqueous suspensions. 2,403,144; July 2.

Tuttle, Alfred C., Montreal, Quebec, Canada. Portable power driven conveyer. 2,408,459; Oct. 1.

Tuttle, Fordyce: *See*—
Mihalyi, Joseph, and Tuttle.

Tuttle, Fordyce E., assignor to Eastman Kodak Company, Rochester, N. Y. Stereo system. 2,396,902; Mar. 19.

Tuttle, William N., assignor to General Radio Company, Cambridge, Mass. Diaphragm. 2,405,472; Aug. 6.

Tuukkanen, Edwin C.: *See*—
Davis, Lewis, and Tuukkanen.

Tuwiner, Sidney B., Flushing, and W. H. Osborn, assignors to Phelps Dodge Corporation, New York, N. Y. Calcining alum. 2,402,471; June 18.

Tweed, John A.: *See*—
Pfeffer, Edward C., Jr., Tweed, and Jarmak.

Tweedale, Ralph L.: *See*—
Rose, Edwin L., Tweedale, Thomas, and Frankland, Thomas, William, and Tweedale.

Tweedale, Ralph L., assignor to The Waterbury Tool Company, Waterbury, Conn. Power transmission. 2,402,789; June 25.

Tweedale, Ralph L., assignor to The Waterbury Tool Company, Waterbury, Conn. Ammunition hoist. 2,403,885; July 9.

Tweedale, Ralph L., assignor to The Waterbury Tool Company, Waterbury, Conn. Ammunition hoist. 2,403,887; July 9.

Tweedale, Ralph L., Birmingham, assignor to Vickers Incorporated, Detroit, Mich. Pump for power transmissions. 2,411,602; Nov. 26.

Tweeddale, George W., Glendale, Calif. Dissolving sulphur from ores. 2,409,408; Oct. 15.

Tweedie, Charles E., Great Lakes, Ill., assignor, by mesne assignments, to T. Placette, Hays County, Tex. Hydraulic relief valve. 2,408,708; Oct. 1.

Twentieth Century-Fox Film Corporation, assignee: *See*—
Corcoran, James P.
Harris, Alvin S.
Hulburt, George D., and Conaway.
Miller, Ernest M.

Twin Coach Company, assignee: *See*—
Fageol, William B.

Twin Disc Clutch Company, assignee: *See*—
Batten, Percy H.
Vanderzee, Harry H.

Twining, George E., U. S. Navy, Floral Park, and J. J. Torrance, Lynbrook, N. Y. Remote control of guns in elevation and train. 2,397,172; Mar. 26.

Twitty, Robert W.: *See*—
Greene, Oren W., Twitty, and Richie.

Tykeson, Martin, Hamden, Conn. Door check. 2,411,481; Nov. 19.

Tyler, Barnwell S.: *See*—
Ryan, Commodore D., Dempsey, Straub, and Tyler.

Tyler, John D., Stamford, Conn. Printing press. 2,394,026; Feb. 5.

Tyler, John M., West Hartford, and S. K. Hoffman, Williamsport, Pa., assignors to The Aviation Corporation, New York, N. Y. Driving mechanism. 2,407,114; Sept. 3.

Tyler, Paul J., assignee, et al.: *See*—
Lawler, Frank P.

Tyler, Ransom, Greenfield, assignor to The Oilgear Company, Milwaukee, Wis. Winder drive. 2,398,265; Apr. 9.

Tyler, Ransom, Greenfield, assignor to The Oilgear Company, Milwaukee, Wis. Multiple table drive. 2,410,694; Nov. 5.

Tyler, Richard G., Seattle, Wash. Disposal of sulphite waste liquor. 2,392,435; Jan. 8.

Tyler, W. S., Company, The, assignee: *See*—
Brown, Hugh E., and Grant.
Disbro, Ira R., and Coulton.

Tyler, Walter S., Philadelphia, Pa., assignor to Tide Water Associated Oil Company, Bayonne, N. J. Wax compositions. 2,399,521; Apr. 30.

Tynan, James N.: *See*—
Geerlings, Gerald K., and Tynan.

Tyrer, Daniel, Stockton-on-Tees, England. Manufacture of phenols. 2,407,044; Sept. 3.

Tyrer, Daniel, Stockton-on-Tees, England. Manufacture of phenols or salts thereof. 2,407,045; Sept. 3.

Tyrner, Joseph M., New York, N. Y., assignor to Air Reduction Company, Incorporated. Magnetic arc starter for welding machines. 2,399,771; May 7.

Tyrner, Joseph M., assignor to Air Reduction Company, Incorporated, New York, N. Y. Gravity-feed arc-welding apparatus. 2,412,660; Dec. 17.

Tyron, Philip F., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Production of acylated amino hydroxy compounds by the action of acid anhydrides on 2-oxazolines. 2,410,318; Oct. 29.

Tyrrell, Robert V.: *See*—
Horak, Stanley R., and Tyrrell.

Tyrrell, Warren A., Fairhaven, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coupling arrangement for use in wave transmission systems. 2,410,114; Oct. 29.

Tyskewicz, John P., assignor to The Maxim Silencer Company, Hartford, Conn. Reducing back pressure in silencers. 2,413,086; Dec. 24.

Tyson, Charles W., Summit, N. J., assignor to Standard Oil Development Company. Cracking of hydrocarbon oils. 2,411,603; Nov. 26.

Tyson, Jay, Cleveland, Ohio. Scabbard. 2,399,522; Apr. 30.

Udale, Stanley M., Detroit, Mich., assignor to G. M. and E. Holley. Power limiting carburetor. 2,399,077; Apr. 23.

Udale, Stanley M., Detroit, Mich., assignor to G. M. and E. Holley. Airplane engine mixture control. 2,399,078; Apr. 23.

Udale, Stanley M., Detroit, Mich., assignor to G. M. and E. Holley. Dual carburetor. 2,399,079; Apr. 23.

Udale, Stanley M., Detroit, Mich., assignor to G. M. and E. Holley. Governor. 2,399,080; Apr. 23.

Udale, Stanley M., Detroit, Mich., assignor to G. M. Holley and E. Holley. Governor. 2,407,115; Sept. 3.

Udale, Stanley M., Detroit, Mich., assignor to G. M. Holley and E. Holley. Fuel pump. 2,409,965; Oct. 22.

Udale, Stanley M., and B. Beard, Detroit, Mich., assignors to G. M. and E. Holley. Pressure carburetor. 2,396,031; Mar. 5.

Udale, Stanley M., and W. R. Buick, Detroit, Mich., assignors to G. M. Holley and E. Holley. Safety device. 2,407,116; Sept. 3.

Udall, Frederick M., New York, N. Y. Latch mechanism. 2,398,336; Apr. 9.

Udall, Frederick M., and P. Baumgarten, New York, N. Y. Latch mechanism. 2,404,670; July 23.

Udell, Philip J., Chicago, Ill. Strainer. 2,398,978; Apr. 23.

Udy, Marvin J., Niagara Falls, N. Y. Chromate production. 2,402,102; June 11.

Udy, Marvin J., Niagara Falls, N. Y. Production of chromium compounds. 2,402,103; June 11.

Udylite Corporation, The, assignee: *See*—
Brown, Henry.
Brown, Henry, and Hurley.
Hulburt, Le Roy B., and Harmon.
High, Le Roy B., and Lindh.
Phillips, William M., Jr.

Uhl, Arthur W., Inwood, Long Island, N. Y., assignor to Specialties Development Corporation, Bloomfield, N. J. Vibration preventing syphon tube support. 2,410,763; Nov. 5.

Uihlein, George V., assignor to M. J. Whittal Associates Inc., Worcester, Mass. Three tone fabric and making same. 2,410,764; Nov. 5.

Ulanet, Herman, Newark, N. J. Resettable snap action thermal limit switch. 2,394,121; Feb. 5.

Ulberg, John A., Sioux Falls, S. Dak. Furnace. 2,395,594; Feb. 26.

Ulbrich, Ernest H., Dubuque, Iowa. Bottle carrier. 2,397,708; Apr. 2.

Ulinski, Bronislaus, Chicago, Ill., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Pallet. 2,412,184; Dec. 3.

Ullman, Henry K., Washington, D. C. Cabinet and machine support. 2,401,526; June 4.

Ullman, Otto F., Ellsworth, Kans. Spare tire carrier for trucks or the like. 2,400,274; May 14.

Ullmann, Harry M., Bethlehem, Pa. Modified oil. 2,396,763; Mar. 19.

Ullrich, Osmar A., Jr.: *See*—
Swope, Joe E., Jr., Turner, and Ullrich.

Ullsmith, Otto, assignor to Traver Corporation, Chicago, Ill. Cell case partition machine. 2,398,872; Apr. 23.

Ulrich, Theodore, Milwaukee, Wis., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Wheel and motor suspension, especially for automobiles. 2,403,145; July 2.

Ulrich, Theodore, Milwaukee, Wis., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Body for vehicles, especially for pleasure automobiles. 2,404,870; July 30.

Una Welding, Inc., assignee: *See*—
Skuhrovec, Joseph.

Uncas Manufacturing Company, assignee: *See*—
Barbieri, Nicholas.
Sorrentino, Vincent.

Underwood, Benjamin F., and J. C. Grant, Easley, S. C. Stop motion for carding machines. 2,400,275; May 14.

Underwood Corporation, assignee: *See*—
Mann, Miles H.
Pitman, Henry L.
Pitman, Richard W.
Sagner, Walter T.
Sundstrand, Oscar J.
Turquand, William G.
Yaeger, Harry C.

Underwood, Cyril J., assignor to Dowty Equipment Limited, Cheltenham, England. Resilient unit for operation in tension. 2,395,595; Feb. 26.

Underwood, Cyril J., assignor to Dowty Equipment Limited, Cheltenham, England. Resilient telescopic unit. 2,404,111; July 16.

Underwood, James E., Oakmont, assignor to Aluminum Company of America, Pittsburgh, Pa. Method and machine for assembling articles. 2,405,074; July 30.

Underwood, James W.: *See*—
D'Alello, Gaetano F., and Underwood.

Underwood, Ney W., Jr., assignee: *See*—
Saddler, Robert E.

Underwood, William F., Oak Ridge, Tenn., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of rayon. 2,413,123; Dec. 24.

Undy, Gustav E.: *See*—
Collom, Cletus J., and Undy.

Undy, Gustav E., Detroit, Mich., assignor, by mesne assignments, to C. J. Collom. Timing control system. 2,401,780; June 11.

Unger, Chester E., assignor to American Foundry Equipment Company, Mishawaka, Ind. Metallurgy. 2,398,455; Apr. 16.

Unger, Paul O.: *See*—
Dawson, George H., and Unger.

Unger, Sidney, New York, assignor to E. A. Laboratories, Inc., Brooklyn, N. Y. Retractable lamp structure. 2,401,390; June 4.

Ungnade, Herbert E.: *See*—
Smith, Lee L., and Ungnade.

Union Asbestos & Rubber Company, assignee: *See*—
O'Connor, Arthur F.

Union Bag & Paper Corporation, assignee: *See*—
Read, Robert E.

Union Carbide and Carbon Corporation, assignee: *See*—
Bucknam, James H.
Bucknam, Worthy C.
Siver, Chester A.

Union Industries, Incorporated, assignee: *See*—
Smith, Edwin G.

Union Machine Company, assignee: *See*—
O'Neill, Edward M.

Union Metal Manufacturing Company, The, assignee: *See*—
Riemenschneider, Edmund W., and Rastetter.

Union Oil Company of California, assignee: *See*—
Arnott, Earl.
Arnott, Earl, and Grebe.
Anderson, Benjamin T., and Flaxman.
Berg, Clyde H. O.
Bradley, William E.
Byrns, Alva C.
Carr, Donald E.
Doumani, Thomas F.
Doumani, Thomas F., and Berg.
Doumani, Thomas F., and Cuneo.
Doumani, Thomas F., and Deery.
Doumani, Thomas F., and Skinner.
Farkas, Adalbert, and Stribley.
Fischer, Paul W. and Jenkins.
Flaxman, Marcellus T.
Huffman, Hal C.
Jenkins, Vance N.
Kollen, Myron H.
Lake, George R.
Lien, Elvin B.
Ott, Thomas F.
Parker, Robert L., Jr., and Huffman.
Reed, Homer C., and Holt.
Stirton, Robert I.

Union Special Machine Company, assignee: *See*—
Attwood, John G.
Christensen, Norman V., and Sauer.
Christensen, Norman V., Le Vesconte, and Schweda.
Le Vesconte, Harold J.
Le Vesconte, Harold J., and Cook.
Rubel, Charles F.
Rubel, Charles F, and Schweda.
Sauer, George.
Sauer, George, Schweda, and Smith.

Union Starch & Refining Company, assignee: *See*—
Betzer, Walter R.

Union Switch & Signal Company, The, assignee: *See*—
Agnew, Norman F.
Baughman, George W.
Brown, Robert H.
Clark, Gerald T.
Coley, James P.
Douglass, Myrl R.
Hereday, Frederick T.
Gilbert, Chalmers W.
Hays, Thomas W.
Hedding, Linnie K.
Ihrig, Clifford D.
Jackel, Arthur P.
Jerome, Arthur L.
Konrad, William L.
Laurenson, Robert M.
Law, John C.
Lewis, Lloyd V.
Logan, John W., Jr.
Lower, Carl F.
Miller, Alfred B.
Nicholson, Frank H.
Pascoe, Frank T., and Jerome.
Pelikan, John M.
Place, Willard P.
Place, Willard P., and Miller.
Randolph, Harold V.
Snyder, Roger M.
Sprensen, Andrew J.
Temple, George L.
Thompson, Howard A.
Van Horn, James J.
Vols, Carl.
Wells, Wesley B.
Whitelock, Leland D.
Young, Henry S.

Union Trust Company of Pittsburgh, The, executor, et al.: *See*—
Frost, Frank R.

Unit Rays, Inc., assignee: *See*—
Hebeler, Edward S.
Longoria, Antonio, and Girl.

Unit Structures, Inc., assignee: *See*—
Friedman, Abraham, and Thompson.

United Advertising Corporation, assignee: *See*—
Hathaway, William R.

United Aircraft Corporation, assignee: *See*—
Anderson, John E.
Buck, Richard S., and Kalitinsky.
Buivid, Michel D.
Caldwell, Frank W.
Caldwell, Frank W., Martin, and Vincent.
Cole, Gilmoure N.
Cronstedt, Val.
Cronstedt, Val, and Kalitinsky.
Firestone, Floyd A.
Fox, Samuel S., and Palmer.
Hersey, Donald S.
Hobbs, Leonard S.
Hobbs, Leonard S., and Willgoos.
Hofbauer, Caspar E.
Kalitinsky, Andrew.
Katzberg, Eugene.
Ledwith, Walter A.
Lee, John G.

United Aircraft Corporation, assignee: *See*—Continued
Lucke, Charles E.
Martin, Erle.
Martin, Erle, and Raton.
Meitzler, Donald E.
Merry, Arthur A.
Newcomb, Philip P.
Parkins, Wright A.
Pierce, Wayne M.
Poole, David M.
Pratt, Perry W.
Rhines, Thomas B.
Richmond, Nelson R.
Rockwell, Albert M.
Sikorsky, Igor I.
Thompson, Ransom S.
Willgoos, Andrew V. D.
Zimmerman, Charles H.

United Aircraft Products, Inc., assignee: *See*—
Culver, Merlyn M.
Cruzan, Harold.
Cruzan, Harold, and Warrick.
Dykeman, Reuben G.
Geddes, Walter H.
Hannah, Perry C.
Parker, Warde L.
Rogers, Ell M.
Warrick, Edward C., and Cruzan.
Wolcott, Glenn W.

United Air Lines, Inc., assignee: *See*—
Sandretto, Peter C., and Buckthal.

United Autographic Register Co., assignee: *See*—
Euth, John E.
Winter, Charles L.

United Brick & Tile Company, assignee et al.: *See*—
Francis, Wilbur C.

United Carbon Company, Inc. (Maryland), assignee: *See*—
Skoog, Robert W.

United-Carr Fastener Corporation, assignee: *See*—
Churchill, Wilmer H.
Griffin, Theodore R.
Hall, Charles L.
Johnson, Frank E.
Parkin, Leslie.
Trafton, Warren L.
Woodward, Clement A.

United Cotton Products Company, assignee: *See*—
Ball, Albert L.

United Drill and Tool Corporation, assignee: *See*—
Kronwall, Konstantin.

United Ebonite & Lorival Limited, assignee: *See*—
Davies, Benjamin L.

United Electric Controls Company, assignee: *See*—
Leupold, Henry G.

United Engineering & Foundry Company, assignee: *See*—
Knudsen, Earl, and Talbot.

United Engineers & Constructors, Inc., assignee: *See*—
Haug, John S.

United Fruit Company, assignee: *See*—
Reif, Ernest O., and Trafton.

United Gas Improvement Company, The, assignee: *See*—
Breuer, Frederick W.
Chaney, Newcomb K.
Franz, Raymond A.
Milbourne, Charles G.
Smoker, Edward H.
Soday, Frank J.
Stackhouse, Wilton E.
Ward, Alger L.
Weir, Horace M.

United Geophysical Company, assignee: *See*—
Hoover, Herbert, Jr.

United Last Company, assignee: *See*—
Levaggi, Victor J., Jr.
Loewer, Henry F.

United Merchants & Manufacturers, Inc., assignee: *See*—
Cordero, Tulio.
Gifford, Joseph F.

United Rexall Drug Company, assignee: *See*—
Benedict, Leon C.
Fero, George G.

United Shoe Machinery Corporation, assignee: *See*—
Abel, Walter L.
Alderman, Leon D.
Ashworth, Fred.
Ashworth, Fred, and Whitaker.
Bagshaw, Charles M.
Baker, Corwin W.
Baumgartner, Robert M., and Smith.
Bertrand, Frederic E.
Better, Francis J.
Boothroyd, Hubert.
Brophy, John J.
Cantley, Joseph C., and Pym.
Chandler, James D.
Clarke, Thomas B., and Williams.
Courchene, Theodore P.
Crawford, William A.
Crepeau, Ernest A.
Cross, Garrett P. S.
Eastman, Fred C.
Eek, Albin C.

United Shoe Machinery Corporation, assignee: *See*—Continued
Ewart, John M.
Fernald, Mark E.
Finn, Sidney J.
Fitzgerald, Charles F.
Fossa, Joseph.
Gardner, Frank, and Bagshaw.
Gill, Emerson C.
Gookin, Sylvester L.
Haas, Otto R.
Hart, Fred V., Smith, and Linderoth.
Hart, George T.
Holmgren, Eric A.
Hooper, Lester B.
Imhof, Herman A.
Jorgensen, Bernhardt.
Knott, Clyde L.
Knowlton, Cutler D., and Edgar.
Leveque, Bernard T.
Lyness, Horatio S.
Megathlin, Ralph S.
Miner, George A.
Morrill, Alfred R.
Naugler, Walter E.
Newhall, Carl A.
Oliver, John R.
Paulsen, Hans C.
Quinn, Edward, and Herbey.
Quinn, Edward, and Monfils.
Roberts, William T. B.
Robinson, Charles A.
Rollins, Leroy W.
Royal, Ralph M.
Ryan, George F.
Senfleben, Paul W.
Shimek, William F.
Steimen, Lawrence E.
Stratton, Frank E.
Stritter, Karl A.
Sullivan, Thomas H.
Thresh, Frank R.
Timson, Arthur G.
Ushakoff, Alexis E.
Willmott, Herbert J.
Winkley, Erastus E.
Woodcock, Reginald B.

United Specialties Company, assignee: *See*—
Beatty, John T., and Bennett.
Bennett, Dale L.

U. S. Asbestos Cement Pipe Company, assignee: *See*—
Ferla, John.

U. S. Automatic Corporation, assignee: *See*—
Nord, Eric T.
Nord, Evan W., and Holshauer.

United States Catheter & Instrument Corp., assignee: *See*—
Jeckel, Norman C.

United States, dedicated to the free use of the people in the territory of the: *See*—
Nash-Bonilden, Stephen A.

U. S. Electrical Motors, Inc., assignee: *See*—
Luenberger, Frederick O.
Myers, Thomas G.

United States Envelope Company, assignee: *See*—
Carroll, Francis E.

United States, Government of, assignee: *See*—
Hinsey, Joseph C., and Geobegan.

United States Gypsum Company, assignee: *See*—
Balduf, Bruno E.
Bicknell, Alfred B.
Camp, Thomas P.
Frost, Orcutt W., and Conover.
Frost, Orcutt W., and Willey.
Huntsicker, Harry N., and Norman.
Hurd, Ralph H.
King, George D., and Dailey.
Linzell, Harry K.
Lissa, Gus A.
McNeil, William M.
Nootens, Julian H.
Paley, Lewis A.
Paley, Lewis A., and Young.
Schmidt, Marvin T.

United States Hoffman Machinery Corporation, assignee: *See*—
Locke, Sanford J.
Meyer, Henry C. A.

U. S. Industrial Chemicals, Inc., assignee: *See*—
Balcar, Frederick R.
Burghart, Lloyd M.
Forman, Sylvan E.
Hammond, John A. S.
Manninen, Thomas H.

U. S. Industrials Chemicals, Inc., assignee: *See*—
Metzger, Floyd J.

United States Instrument Corporation, assignee: *See*—
Warnke, Herbert R.

United States of America, assignee: *See*—
Eksergian, Carolus L.
Parr, William W.
Goehmann, Maurice H.
Hoagland, Reginald W.
Pope, Winslow B.

United States of America as represented by the Secretary of War, assignee: *See*—
Friedman, Maurice.

United States Pipe and Foundry Company, assignee: *See*—
Schuh, Arthur E., and Boyles.

United States Plywood Corporation, assignee: *See*—
Ilch, Theodore E.

United States Quarry Tile Company, assignee: *See*—
Feichter, Harold R.

United States Radium Corporation, assignee: *See*—
Wallhausen, Clarence W.

United States Rubber Company, assignee: *See*—
Bender, Byron W.
Breck, Samuel, and Ebers.
Brown, Charles P.
Castricum, Martin.
Chittum, James P., and Hulse.
Coleman, Ralph A.
Eger, Ernst.
Evert, Ralph W.
Foster, Boutwell H.
Gerndt, Paul G., and Hannum.
Hansen, Albert W., and Benson.
Hawley, Thomas G., Jr.
Howland, Louis H., and Paul.
Hulswit, William H., Jr., and Wiechman.
Hurt, Victor H.
Kerr, Theodore W., Jr.
Kurlychek, John L.
Ladd, Elbert C.
Lewis, Arthur P.
Marick, Louis.
Mooney, Melvin, Grabbe, and Havens.
Nygren, Joseph W.
Paul, Phillip T.
Peaker, Charles R.
Smallwood, Hugh M.
Smith, Omar H.
Teague, Merwyn C., and Mahoney.
Ter Horst, William P.
White, Leland M.

U. S. Slicing Machine Co., assignee: *See*—
Ahrndt, Arthur H.
Brustowsky, Morris.

United Steel Barrel Company, assignee: *See*—
Dodson, Howard W.

United States Steel Corporation of Delaware, assignee: *See*—
Aborn, Robert H.
Grange, Raymond A.

United States Steel Supply Company, assignee: *See*—
Copthorne, Howard N.

United States Sugar Corporation, assignee: *See*—
Dexter, Gregory M.
Prewitt, William C.

U. S. Textile Machine Company, assignee: *See*—
Thomas, Pacific J.

United States Vanadium Corporation, assignee: *See*—
Burwell, Blair.

United Steel Fabricators, Inc., assignee: *See*—
Macleod, Donald K.

United Stove Company, assignee: *See*—
Breed, Carroll M., and Kirchhofer.

Universal Atlas Cement Company, assignee: *See*—
Boehler, Robert E.

Universal Camera Corporation, assignee: *See*—
Kende, George.

Universal Development Company, assignee: *See*—
Nelson, Richard E.

Universal Lubricating Systems, Inc., assignee: *See*—
Farrell, William P.

Universal Moulded Products Corporation, assignee: *See*—
Glavin, Robert E.

Universal Oil Products Company, assignee: *See*—
Allender, Samuel S.
Alther, Joseph G.
Angell, Charles H.
Barnes, Marion W.
Bloch, Herman S.
Chenicek, Joseph A., and Thompson.
Collins, Robert B.
Danforth, Joseph D.
Day, Roland B.
Day, Roland B., and Kanhofer.
Egloff, Gustav.
Friedman, Bernard S.
Gerhold, Clarence G.
Gerhold, Clarence G., and Burgess.
Gerhold, Clarence G., and Mekler.
Giuliani, Chester J., and Angell.
Grosse, Aristid V., and Linn.
Grosse, Aristid V., and Mattox.
Grosse, Aristid V., and Pines.
Haensel, Vladimir, and Ipatieff.
Huff, Lyman C.
Hulsberg, Herbert A.
Ipatieff, Vladimir N., and Monroe.
Ipatieff, Vladimir, and Pines.
Ipatieff, Vladimir N., and Pines.
Ipatieff, Vladimir N., and Schmerling.

Universal Oil Products Company, assignee: *See*—Continued
Iverson, John O.
Kanhofer, Elmer R.
Kassel, Louis S.
Kinneberg, Ivar H., and Thomas.
Lee, Edward C., and Thomas.
Leffer, Friedrich W.
Linn, Carl B.
Linn, Carl B., and Ipatieff.
Mayland, Harrison C.
Mattox, William J.
Mavity, Julian M.
Mavity, Julian M., and Moss.
Mekler, Lev A.
Pines, Herman.
Pines, Herman, and Bloch.
Pines, Herman, and Ipatieff.
McAfee, Jerry.
Read, Davis, Jr.
Redman, Hugh.
Schaad, Raymond E.
Schmerling, Louis.
Schmerling, Louis, and Durinski.
Schmerling, Louis and Ipatieff.
Sturgeon, John F.
Thomas, Charles I.
Thomas, Charles L.
Thomas, Charles L., and Ahlberg.
Thomas, Charles L., and Haensel.
Thomas, Charles L., and Pinkston.
Thompson, Ralph B.
Thompson, Ralph B., and Chenicek.
Webb, Glenn M., and Smith.
Zimmerman, Gordon B.

Universal Paper Products Company, assignee: *See*—
Amberg, Walter E.

Universal Products Company, assignee: *See*—
Huff, Lyman C.

Universal Products Company Incorporated, assignee: *See*—
Dunn, George E.
Ransom, Richard B.

Universal Railway Devices Company, assignee: *See*—
Bartsch, Herbert E.
Camp, Percy B., and Bartsch.

Universal Slide Fastener Co., Inc., assignee: *See*—
Voity, Maurice
Voity, Maurice, and Griffiths.

Universal Tobacco Machine Co., Inc., assignee: *See*—
Lindsay, John H., and Reso.

Universal Winding Company, assignee: *See*—
Beckman, Gustaf S.
Chisholm, Ralph L.
Jacobson, Walter V.

Universal Wire Spring Company, The, assignee: *See*—
Neely, William H.

University of Minnesota, Regents of the: *See*—
Smith, Lee I.

University of Pennsylvania, Trustees of, assignees: *See*—
Chambers, Leslie A., and Hartline.

University of Tennessee Research Corporation, The, assignee: *See*—
Arnold, Harold A.
Hertel, Kenneth L.
Rosenthal, Fritz.

Univis Lens Company, The, assignee: *See*—
Smith, Charles V.

Unruh, Harry M.: *See*—
Holdeman, Adin P., and Unruh.

Unterschutz, Roman: *See*—
Platt, Donald R., and Unterschutz.

Unverferth, Gerard A., Dayton, Ohio. Spacer and seal for building construction. 2,413,268; Dec. 24.

Upham, John D.: *See*—
Wolk, I. Louis, and Upham.

Upham, John D., Bartlesville, Okla., assignor to Phillips Petroleum Company. Treatment of diolefins. 2,399,837; May 7.

Upham, John D., Bartlesville, Okla., assignor to Phillips Petroleum Company. Treatment of hydrocarbons. 2,404,551; July 23.

Upham, John D., Bartlesville, Okla., assignor to Phillips Petroleum Company. Catalyst preparation. 2,406,869; Sept. 3.

Upjohn Company, The, assignee: *See*—
Fox, Sidney W.
Kuizenga, Marvin H.

Upper, John A.: *See*—
Van der Pyl, Edward, and Upper.

Upson, Ralph H., Pittsburgh, Pa. Stall warning device. 2,406,719; Aug. 27.

Urban, Fred O., Fort Wayne, Ind., assignor to General Electric Company. Refrigerating machine. 2,404,010; July 16.

Urban, Fred O., Fort Wayne, Ind., assignor to General Electric Company. Refrigerating machine. 2,404,112; July 16.

Urban, Joseph, Detroit, Mich. Knife sharpener. 2,405,519; Aug. 27.

Urban, Rose, New York, N. Y. Apparatus for combination games. 2,394,218; Feb. 5.

Urban, Stephen F., Chicago, Ill., assignor to Illinois Steel Corporation. Making stainless steel. 2,412,661; Dec. 17.

Urban, William J., Glen Ellyn, assignor to American Ore Reclamation Company, Chicago, Ill. Pallet and wearing therefor. 2,401,204; May 28.

Urbank, John C., St. Paul, Minn. Taper. 2,406,518; Aug. 27.

Urbant, Sam, Inkster, and R. L. P. Braun, Ann Arbor, Mich. Electrical heater for liquid cooled engines. 2,401,847; June 11.

Urbany, John E., Los Angeles, Calif. Fire preventing system. 2,413,087; Dec. 24.

Urbany, Urban, San Diego, Calif. Footwear sole. 2,393,577; Jan. 22.

Urmston, James, Montclair, N. J., assignor to Callender's Cable & Construction Company Limited. Manufacture of rubber or rubber-like products. 2,394,122; Feb. 5.

Urmston, James, Montclair, N. J., assignor to Callender's Cable & Construction Co., Ltd., London, England. Electric cable. 2,403,693; July 9.

Urquhart, George G., Wynnewood, assignor to National Foam System, Inc., Philadelphia, Pa. Fire extinguishing composition. 2,413,667; Dec. 31.

Urquhart, John C., assignee: *See*—
Haggart, Crichton W.

Urquhart, Norman J., Charleroi, Pa., assignor to Combustion Processes Company. Reduction of metallic oxide. 2,397,993; Apr. 9.

Urquhart, Norman J., Scenery Hill, assignor to Steel Processing Company, Pittsburgh, Pa. Furnace atmosphere control. 2,408,114; Sept. 24.

Urquhart, Thornton L., Detroit, Mich., assignor to Taylor-Winfield Corporation, Warren, Ohio. Blowtorch machine for cutting metal workpieces. 2,413,088; Dec. 24.

Ushakoff, Alexis E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Examining the interiors of gun barrels. 2,405,245; Aug. 6.

Usselman, George, and C. W. Hansell, Port Jefferson, N. Y., assignors to Radio Corporation of America. Oscillation generator. 2,411,765; Nov. 26.

Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. Signaling system. 2,392,625; Jan. 8.

Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. Frequency modulation. 2,399,268; Apr. 30.

Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. Monitor probe for high-frequency transmission lines. 2,401,205; May 28.

Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. Electron discharge time delay system. 2,402,472; June 18.

Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. Wavelength modulation. 2,409,457; Oct. 15.

Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. Magnetron. 2,412,372; Dec. 10.

Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. Power supply system. 2,413,391; Dec. 31.

Utermohlen, William P., Jr., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Decolorization of acrylic and α-alkylacrylic acids and their derivatives. 2,394,572; Feb. 12.

Utermohlen, William P., Jr., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Preparing 4-substituted thiazoles. 2,404,416; July 23.

Utilities Distributors, Inc., assignee: *See*—
Anderson, Peter A. and E. M., Sr., Hansen, and Edwards.

Utility Fabrics Company, Inc., assignee: *See*—
Lawrence, Beardsley, Jr.

Utility Tool and Die Manufacturers, assignee: *See*—
La Berge, William C.

Utz, Chester C.: *See*—
Slack, Frederic W., and Utz.

Uxbridge Worsted Co., Inc., assignee: *See*—
Robinson, Robert D.

V & O Press Company Incorporated, The, assignee: *See*—
Freeman, Raymond A.

Vaala, Gordon T.: *See*—
Hallowell, Alban T., and Vaala.

Vachon, Lionel G., Groveland, assignor to Boston Machine Works Company, Lynn, Mass. Folding machine. 2,394,219; Feb. 5.

Vacquier, Victor V., Oakmont, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Apparatus for responding to magnetic fields. 2,406,870; Sept. 1.

Vacquier, Victor V., Garden City, N. Y., assignor to Gulf Research & Development Company, Pittsburgh, Pa. Apparatus for responding to magnetic fields. 2,407,202; Sept. 3.

Vacuum Can Company, assignee: *See*—
Haloski, Frank.

Vacuum-Science Products Limited, assignee: *See*—
Van den Bosch, Francois J. G.

Vadnais, Leo L., assignor to Herzog Iron Works, Inc., St. Paul, Minn. Abrasive cutoff machine. 2,400,794; May 21.

Valo, Candido A.: *See*—
Noviks, Bers, and Valo.

Valas, Peter D.: *See*—
Hayden, Kenneth F., Valas, and Daley.

Valcourt, Louis E., East Providence, assignor to Kestenman Bros. Mfg. Co., Providence, R. I. Clasp for watch braclets or the like. 2,408,279; Sept. 24.

Valdastri, Mario, Sr., Kailua, Hawaii. Mold for forming blocks or tiles. 2,397,223; Mar. 26.

Vale, Virgil V., and E. S. True, Oak Park, Ill.; said True assignor to said Vale. Valve for dispensers. 2,401,391; June 4.

Valenti, Ernest, Brooklyn, N. Y. Combination valise and chair. 2,398,478; Apr. 16.

Valentine, Frank E., Schenectady, N. Y., assignor to General Electric Company. Cam gear structure. 2,405,473; Aug. 6.

Valentine, Frank E., and W. F. Skillin, Schenectady, N. Y., assignors to General Electric Company. System and apparatus for gunfire control. 2,409,914; Oct. 22.

Valentine, Patrick, New York, N. Y. Circular saw device. 2,410,467; Nov. 5.

Valentino, Michael L.: *See*—
Kyllin, Oskar and H. O., and Valentino.

Valentyne, Peter H., Baltimore, assignor to The Glenn L. Martin Company, Middle River, Md. Self-locking vent system. 2,404,765; July 23.

Valiton, Frederick H., Deer Lodge, Mont. Mixing paddle. 2,396,903; Mar. 19.

Valverde, Robert, New York, N. Y. Enclosure for bassinets. 2,409,083; Oct. 8.

Vanadium Corporation of America, assignee: *See*—
Brndt, Wilber E., and Oaks.

Van Alstyne, Thomas J., Portland, Oreg. Dish holder. 2,398,060; Apr. 9.

Van Alstyne, Thomas J., Portland, Oreg. Bottle cap. 2,411,349; Nov. 19.

Van Atta, Chester M., Washington, D. C., and R. H. Whitehead, New Haven, Conn. Control system and device therefor for submarine mines. 2,399,523; Apr. 30.

Van Auken, Howard C., Bloomfield, N. J., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Low altitude bombsight. 2,392,436; Jan. 8.

Van Auken, Howard C., Bloomfield, and G. N. Hanson, Allendale, N. J., assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Bomb sight. 2,409,648; Oct. 22.

Van Auken, Howard C., Bloomfield, and F. N. Esher, Rutherford, N. J., assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Bombsight. 2,410,468; Nov. 5.

Van Benschoten, William H., U. S. Navy. Card selector machine. 2,395,923; Mar. 5.

Van Brunt, Charles G., Schenectady, N. Y., assignor to General Electric Company. Electrical contact. 2,403,471; July 9.

Van Brunt, George H.: *See*—
Varney, Justin A. and F. M., and Van Brunt.

Van Brunt Manufacturing Company, The, assignee: *See*—
Erdman, Theodore J.
Hyland, William A.

Van Buskirk, Frank, Cedar Rapids, Iowa. Lever attachment. 2,402,932; June 25.

Van Campen, Marcus G., Jr., assignee: *See*—
Shelton, Robert S., and Van Campen, Jr.

Vance, Arthur W.: *See*—
Zworykin, Vladimir K.

Vance, Arthur W., Cranbury, N. J., assignor to Radio Corporation of America. Electromechanical multiplying device. 2,401,527; June 4.

Vance, Arthur W., Cranbury, N. J., assignor to Radio Corporation of America. Power supply for electron microscopes. 2,406,974; Sept. 3.

Vance, Calbert L., Zanesville, assignor to Ohio Ferro-Alloys Corporation, Canton, Ohio. Ferroalloy briquette and manufacture of same. 2,405,278; Aug. 6.

Vance, Robert L., Weehawken, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,411,912; Dec. 3.

Van Cleaf, Robert, et al., assignee: *See*—
Krauss, Phillip.

Van Cleef Bros., assignee: *See*—
Van Cleef, Paul.

Van Cleef, Paul, assignor, by mesne assignments, to Van Cleef Bros., Chicago, Ill. Composite panel. 2,393,843; Jan. 29.

Van Daalen, Henry A. S., New York, N. Y. Signal means for life saving equipment. 2,410,535; Nov. 5.

Van Daam, Gerrit, Buffalo, N. Y. Heating guns. 2,403,415; July 2.

Vande Bogart, Leonard G., and R. W. Manuel, assignors to Crane Co., Chicago, Ill. Lubricant. 2,412,929; Dec. 17.

Vandegriff, Ragan M., Atlanta, Ga. Lint trap. 2,403,416; July 2.

Van Degrift, Thomas C., assignor to General Motors Corporation, Detroit, Mich. Balancing machine. 2,405,474; Aug. 6.

Van de Kamp, Jacob, Westfield, N. J., and M. Sletzinger, New York, N. Y., assignors to Merck & Co., Inc., Rahway, N. J. Production of quinolinic acid. 2,392,437; Jan. 8.

Van Delden, William H.: *See*—
Rust, John B., and Van Delden.

Van den Akker, Johannes A., Appleton, Wis., assignor to The Institute of Paper Chemistry. Electrical control system. 2,411,672; Nov. 26.

Van Denberg, Thomas F., Cleveland Heights, and J. Selby, Euclid, assignors to The Titan Valve and Manufacturing Company, Cleveland, Ohio. Safety valve mechanism. 2,412,225; Dec. 10.

Van den Bosch, Francois J. G., Surrey, England, assignor to Vacuum-Science Products Limited, London, England. Electron multiplier. 2,397,822; Apr. 2.

Van den Bosch, Francois J. G., Surrey, England, assignor to Radio Electronics Limited. Electron multiplier. 2,408,709; Oct. 1.

Vanderbilt, Byron M.: *See*—
Waterman, W. W., and Vanderbilt.

Vanderbilt, Byron M., Westfield, N. J., assignor to Standard Oil Development Company. Synthetic rubberlike emulsion copolymerizates and producing same. 2,393,206; Jan. 15.

Vanderbilt, Byron M., Westfield, N. J., and H. J. Rose, East Baton Rouge, La., assignors to Standard Oil Development Company. Production of emulsion polymerizates. 2,400,578; May 21.

Vanderbilt, Byron M., Cranford, and R. F. Howe, Elizabeth, N. J., assignors to Jascoe, Incorporated. Preparing rubberlike materials. 2,409,915; Oct. 22.

Vanderbilt, R. T., Company, Inc., assignee: *See*—
Alton, William H.
Alton, William H., and Hutchins.
Craig, William L.
Russell, William F.
Somerville, Albert A.

Van der Hoeven, Bernard J. C., Pittsburgh, Pa., assignor, by mesne assignments, to Koppers Company, Inc. Pyridine recovery process. 2,393,666; Jan. 29.

Van der Horst Corporation of America, assignee: *See*—
Van der Horst, Hendrik.

Van der Horst, Hendrik, assignor to Van der Horst Corporation of America, Olean, N. Y. Chromium for wear resistance. 2,412,698; Dec. 17.

Van der Jagt, Barend G. H., New York, N. Y. Drawing slivers. 2,392,709; Jan. 8.

Vander May, William, Kalamazoo, Mich. Wall tie. 2,400,670; May 21.

Vanderpoel, Albert G. H.: *See*—
Crozier, Harold E., and Vanderpoel.

Van der Pyl, Edward, Holden, Mass., and J. A. Upper, Chippawa, Ontario, Canada, assignors to Norton Company, Worcester, Mass. Furnace hood construction. 2,402,190; June 18.

Vandersee, Arnold E., assignor of one-half to H. W. Dieringer, Chicago, Ill. Turbine control. 2,411,482; Nov. 19.

Vander Weele, John C.: *See*—
Britton, Edgar C., and Vander Weele.

Van Der Werff, Jacob B., Pasadena, Calif., assignor to Adel Precision Products Corp. Hydraulic valve. 2,393,076; Jan. 15.

Van Der Werff, Jacob B., Pasadena, Calif., assignor to Adel Precision Products Corp. Position control for hydraulic actuators. 2,404,552; July 23.

Vanderzee, Harry H.: *See*—
Baldwin, Clyde P., and Vanderzee.
Simmons, Leon E., and Vanderzee.

Vanderzee, Harry H., assignor to Twin Disc Clutch Company, Racine, Wis. Fluid operated clutch. 2,412,436; Dec. 10.

Van Deventer, Christopher, assignor to National Plastics, Inc., Knoxville, Tenn. Bobbin for use in spinning or weaving. 2,403,417; July 2.

Van Deventer, Harry R., New York, N. Y. Combining telephones and phonographs. 2,393,272; Jan. 22.

Van Deventer, Harry R., New York, N. Y. Operating phonograph over communication circuits. 2,399,961; May 7.

Van Dijck, Willem J. D., The Hague, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Extraction process. Re. 22,788; Sept. 3.

Van Dissel, Gysbert F., New York, N. Y. Secret telecommunication. 2,393,224; Jan. 15.

Van Doren, Harold, Bryn Mawr, assignor, by mesne assignments, to Philco Corporation, Philadelphia, Pa. Refrigerator. 2,408,460; Oct. 1.

Van Dorn, William E., Pasadena, Calif., assignor to Preco Incorporated. Driving mechanism. 2,413,158; Dec. 24.

Van Dusen, Charles H., Jr., Willoughby, assignor to Addressograph-Multigraph Corporation, Cleveland, Ohio. Etching and dampening planographic printing plates and repellent solution therefor. 2,393,875; Jan. 29.

Van Dusen, Lawrence W.: *See*—
Taber, Philip, and Van Dusen.

Van Dyck, Pierre, Highland Park, and C. B. Bradley, Middlesex, N. J., assignors to Johns-Manville Corporation, New York, N. Y. Coating. 2,402,474; June 18.

Van Ells, Nancy A., administratrix, assignee: *See*—
MacPherran, Friedericke W. and C. C., and Van Ells.

Van Epps, John N., Cleveland Heights, assignor to Thompson Products, Inc., Cleveland, Ohio. Yoke construction for selector cocks. 2,406,483; Aug. 27.

Van Ess, Paul R.: *See*—
Griffin, John R., and Van Ess.

Van Ess, Paul R., Berkeley, F. J. Watson, Oakland, and G. M. Whitney, Piedmont, assignors to Shell Development Company, San Francisco, Calif. Lubricating compositions. 2,404,871; July 30.

Vang, Alfred, assignor of one-half to Stevenson, Jordan & Harrison, Inc., New York, N. Y. Method and apparatus for producing light bulky soap particles. 2,392,072; Jan. 1.

Vang, Alfred, Newark, N. J., assignor to Continental Can Company, Inc., New York, N. Y. Material forming and drawing with the aid of vibration. 2,393,131; Jan. 15.

Vang, Alfred, Newark, N. J., assignor of one-half to Seevenson, Jordan & Harrison, Inc., New York, N. Y. Making air-cooled cylinders. 2,396,216; Mar. 5.

Vang, Alfred, assignor, by direct and mesne assignments, to Continental Can Company, Inc., New York, N. Y. Resistance welding. 2,401,528; June 4.

Van Gasebeek, William H., Short Hills, N. J. Pelorus. 2,411,306; Nov. 19.

Van Gilder, Carll F., Roselle, and H. C. Evans, Cranford, N. J., assignors, by mesne assignments, to Jasco, Incorporated. Finishing isobutylene polymers. 2,395,086; Feb. 19.

Van Gilder, Carll F., and H. G. Schneider, Roselle, N. J., assignors to Standard Oil Development Company. Metal derivatives of alkyl phenols. 2,399,878; May 7.

Von Hoorn, Fred G., Nichols, Conn., assignor to General Electric Company. Circuit breaker. 2,409,917; Oct. 22.

Van Horn, Irving H., East Cleveland, Ohio, assignor to General Electric Company. Base for electric lamps or similar devices. 2,406,271; Aug. 20.

Van Horn, James J., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. Re. 22,780; Aug. 13.

Vanity Fair Mills, Inc., assignee: *See*—
Amidon, Roy C.
Burns, Charles R.

Van Karner, Joseph W., New York, N. Y. Ignition or firing mechanism. 2,396,064; Mar. 5.

Van Karner, Joseph W., New York, N. Y. Smoke-producing composition. 2,411,070; Nov. 12.

Van Leon, Carel J., Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Inductance device. 2,406,720; Aug. 27.

Van Mater, Henry L., Highland Park, N. J., assignor to The Titanium Alloy Manufacturing Company, New York, N. Y. Composition for waterproofing textiles and preparation. 2,402,857; June 25.

Vannerus, Torbjörn, Motala Verkstad, Sweden. Recuperative heat exchanger for gaseous media. 2,402,307; June 18.

Van Nimwegen, Garret: *See*—
Wooddell, Charles E., Van Nimwegen, and Hager.

Van Norman, Charles B. K., Vancouver, British Columbia, Canada. Prefabricated building construction. 2,395,162; Feb. 19.

Van Norman Company, assignee: *See*—
Allen, Edward A.
Melidoni, Constantine, and Gass.
Pyne, Roger S.

Van Nuys, Claude C., Greenwich, Conn., assignor to Air Reduction Company, Incorporated, New York, N. Y. Separating the constituents of air. 2,408,710; Oct. 1.

Van Nuys, Claude C., Greenwich, Conn., assignor to Air Reduction Company, Incorporated, New York, N. Y. Separation of the constituents of gaseous mixtures. 2,409,458; Oct. 15.

Van Nuys, Claude C., Greenwich, Conn., assignor to Air Reduction Company, Incorporated, New York, N. Y. Separation of the constituents of air. 2,409,459; Oct. 15.

Van Orden, Leo J., Bloomfield, assignor to The M. W. Kellogg Company, Jersey City, N. J. Vitamin concentration. 2,394,968; Feb. 12.

Van Orman, Ward T., assignor to Wingfoot Corporation, Akron, Ohio. Structure. 2,401,990; June 11.

Van Patten Pharmaceutical Company, assignee: *See*—
Ferguson, Edgar A., Jr.

Van Raalte Company, Inc., assignee: *See*—
Westerowicz, John J.

Van Rijswijk, Willem, assignor to Aktiengesellschaft Brown, Boveri & Cie., Baden, Switzerland. Centrifugal compressor. 2,401,206; May 28.

Van Rosen, Robert, New York, N. Y. Fastening means. 2,405,914; Aug. 13.

Van Ryan, Anthony: *See*—
Kyle, William D., and Van Ryan.

Van Ryn, Bernard, Chelmsford, England, assignor to Radio Corporation of America. Switch for high-frequency circuits. 2,407,460; Sept. 10.

Vansant, John S., Huntington Valley, assignor, by mesne assignments, to Philco Corporation, Philadelphia, Pa. Electron tube and making the same. 2,405,915; Aug. 13.

Van Saun, Raymond H., Mount Prospect, assignor to Container Corporation of America, Chicago, Ill. Paperboard drum. 2,392,959; Jan. 15.

Van Schwartz, Zolly C., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Tool. 2,404,580; July 23.

Van Sittert, Paul, Shaker Heights, assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Fastener. 2,397,892; Apr. 2.

Van Sittert, Paul, Shaker Heights, assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Sheet fastener. 2,402,308; June 18.

Van Sittert, Paul, Shaker Heights, assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Fastener. 2,411,914; Dec. 3.

Van Sittert, Paul, Shaker Heights, and W. R. Kovacs, assignors to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Cycle controlling device. 2,397,893; Apr. 2.

Van Slyke, Leland M., North Hollywood, Calif. Adz attachment for hammers. 2,406,116; Aug. 20.

Van Spaukeren, Gerardo H., assignor, by mesne assignments, to "Eterpen" Sociedad Anonima Financiera, also known as Eterpen S. A., Buenos Aires, Argentina. Writing instrument. 2,405,381; Aug. 6.

Van Tilburg, Noel, Minneapolis, Minn. Boot hanger. 2,412,847; Dec. 17.

Van Tine, Wilbur: *See*—
Cuming, Milton K., and Van Tine.

Van Valkenburgh, Blanche C., New York, N. Y. Polishing composition. 2,393,844; Jan. 29.

Van Velzer, Harry L., State College, Pa. Glass bulb and flask holder. 2,407,331; Sept. 10.

Van Vorhees, Harold E., assignor to Borg-Warner Corporation, Chicago, Ill. Roll screen assembly. 2,406,272; Aug. 20.

Van Voorhis, William G., assignor to The Jaeger Machine Company, Columbus, Ohio. Trench excavating machine. 2,409,334; Oct. 15.

Van Voorhis, William G., assignor to The Jaeger Machine Company, Columbus, Ohio. Loading machine. 2,413,124; Dec. 24.

Van Voorhis, William W., Antioch, assignor to Fibreboard Products, Inc., San Francisco, Calif. Machine for making containers. 2,398,200; Apr. 9.

Van Wey, Y. Ray, assignee: *See*—
Schrader, Raymond D.

Van Winkle, Raymond: *See*—
Lott, William A., and Van Winkle.

Van Zandt, John P., Washington, D. C. Determining great circle routes. 2,397,063; Mar. 19.

Van Zandt, Mary L., Tulsa, Okla. Drapery and curtain tieback. 2,399,524; Apr. 30.

Van Zelm, Willem D., Ruxton, assignor to The Glenn L. Martin Company, Middle River, Md. Aileron. 2,403,770; July 9.

Van Zile, Benjamin S., assignor to Hercules Powder Company, Wilmington, Del. Soap composition. 2,402,473; June 18.

Van Zoeren, Gerritt J., Holland, Mich., assignor to The Wm. S. Merrell Company, Cincinnati, Ohio. Aryl alkyl amino alkanes and compositions thereof. 2,410,469; Nov. 5.

Vapco Limited, assignee: *See*—
Alexander, Paul, and Cranstone.

Vapor Car Heating Company, Inc., assignee: *See*—
Lehane, Timothy J., and La Rocque.
Masek, Erwin J.
Peterson, William R.

Varcoe, Charles W., Bethel, Conn. Firearm cleaning rod centralizer. 2,400,916; Oct. 22.

Vard, Inc., assignee: *See*—
Wallace, Vard B.

Varela, Arthur A., Washington, D. C. Secondary multiplication power tube. 2,404,417; July 23.

Varela, Arthur A., Washington, D. C. Triode oscillator circuit. 2,406,871; Sept. 3.

Varela, Arthur A., Washington, D. C. Impulse generator. 2,408,824; Oct. 8.

Vargish, Frank J., New York, N. Y. Photograph holder. 2,409,814; Oct. 22.

Varian, Russell H.: *See*—
Hansen, William W., and R. H. and S. F. Varian.

Varian, Russell H., Wantagh, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. High-voltage apparatus. 2,392,380; Jan. 8.

Varian, Russell H., Wantagh, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Stereoscopic viewer. 2,408,115; Sept. 24.

Varian, Russell H., Wantagh, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Image intensifier. 2,410,115; Oct. 29.

Varian, Russell H., Wantagh, and W. W. Hansen, Garden City, N. Y., assignors to Board of Trustees of the Leland Stanford Junior University, Stanford University, Calif. Radio transmission and reception. Re. 22,724; Feb. 19.

Varian, Russell H., Wantagh, and W. W. Hansen, and J. R. Woodyard, Garden City, N. Y., assignors to The Board of Trustees of the Leland Stanford Junior University, Stanford University, Calif. Object detecting and locating system. 2,408,825; Oct. 8.

Varian, Russell H., Wantagh, and W. W. Hansen and J. R. Woodyard, Garden City, N. Y., assignors to The Board of Trustees of the Leland Stanford Junior University, Stanford University, Calif. Transmission line. 2,412,640; Dec. 17.

Varian, Sigurd F.: *See*—
Hansen, William W., and R. H. and S. F. Varian.

Varma, Dewan C., London, England. Silencer for internal-combustion engines. 2,392,559; Jan. 8.

Varney, Fred M.: *See*—
Varney, Justin A. and F. M., and Van Brunt.

Varney, Gordon, Chicago, Ill. Track structure for model railways. 2,405,533; Aug. 6.

Varney, Justin A. and F. M., and G. H. Van Brunt, Los Angeles, Calif. Infusion apparatus. 2,401,529; June 4.

Vartanian, John G., Hanford, Calif. Hose coupling. 2,408,243; Sept. 24.

Vassar Company, assignee: *See*—
Davidson, Roy H.

Vaszin, Aurel, Dayton, Ohio. Towline plug. 2,402,104; June 11.

Vaughan, Charles S., Jr., Tuscumbia, Ala. Cable stripping tool. 2,398,979; Apr. 23.

Vaughan, James R., Jr.: *See*—
English, Jackson P., Vaughan, and Roblin.

Vaughan, Melvin F., assignee, et al: *See*—
Livermont, Frank W.

Vaughan, William E.: *See*—
Rust, Frederick F., and Vaughan.

Vaughan, William E., and F. F. Rust, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Controlled oxidation of branched chain organic compounds. 2,395,523; Feb. 26.

Vaughan, William E. and F. F. Rust, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Addition of alkyl radicals to organic compounds. 2,396,217; Mar. 5.

Vaughan, William E., and F. F. Rust, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Preparation of organic sulphur compounds. 2,398,479; Apr. 16.

Vaughan, William E., and F. F. Rust, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Production of halogenated mercaptans and thio-ethers. 2,398,480; Apr. 16.

Vaughan, William E., and F. F. Rust, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Catalyzed abnormal addition reactions. 2,398,481; Apr. 16.

Vaughan, William E., and F. F. Rust, Berkeley, Calif., assignors to Shell Development Company, San Francisco, Calif. Organic peroxides. 2,403,771; July 9.

Vaughan, William E., and F. F. Rust, Berkeley, Calif., assignors to Shell Development Company, San Francisco, Calif. Production of organic hydroperoxides. 2,403,772; July 9.

Vaughan, William E., and F. F. Rust, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Catalyzed abnormal addition reaction. 2,411,983; Dec. 3.

Vaughn, George A., Newton, Iowa, assignor to Koehring Company, Milwaukee, Wis. Dirt scraping and carrying vehicle. 2,399,838; May 7.

Vaughn Machinery Company, The, assignee: *See*—
Nye, Norman H.
Nye, Norman H., and Rogers.

Vaughn, William E.: *See*—
Evans, Theodore W., Vaughan, and Rust.

Vaught, Le Roy, assignor of one-half to R. W. Solmon, Inglewood, Calif. Fitting. 2,413,089; Dec. 24.

Vavrik, Louis, Rossford, assignor to The American Floor Surfacing Machine Company, Toledo, Ohio. Surfacing machine drum. 2,402,191; June 18.

Veale, Charles C.: *See*—
Cherry, George L., and Veale.

Veale, Charles C., Wheaton, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Chucking device. 2,396,399; Mar. 12.

Veatch, Franklin: *See*—
Bartleson, John D., and Veatch.

Vechey, Theodore, Jr., Canton, Ohio. Beverage bottle case. 2,411,673; Nov. 26.

Vedovell, Rudolph J., Kenilworth, assignor to Chicago Rawhide Manufacturing Company, Chicago, Ill. Seal. 2,395,359; Feb. 19.

Veeder, Harold G.: *See*—
Tracy, John M., and Veeder.

Vee-Van Inc., assignee: *See*—
Randall, Arthur O.

Veitch, Frederick J., Flushing, N. Y. Pipe fitting. 2,404,259; July 16.

Veitch, Thomas, Jr.: *See*—
Veitch, Thomas and T., Jr.

Veitch, Thomas and T., Jr., Deal, N. J. Internal-combustion engine. 2,401,781; June 11.

Velazquez, Manuel, Mobile, Ala. Envelope and opener combined. 2,396,543; Mar. 12.

Vellumoid Company, The, assignee: *See*—
Hills, Leander H., and Gordon.

Velsicol Corporation, assignee: *See*—
Hyman, Julius, and Peters.

Veltman, James H. F.: *See*—
Hill, William H., and Veltman.

Veltman, Preston L., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Catalytic conversion of hydrocarbons. 2,394,412; Feb. 5.

Veltman, Preston L., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Catalytic conversion of hydrocarbons. 2,406,721; Aug. 27.

Veltman, Preston L., Port Arthur, Tex., assignor to Texaco Development Corporation, Jersey City, N. J. Motor fuels. 2,409,167; Oct. 8.

Veltman, Preston L., Beacon, assignor, by mesne assignments, to The Texas Company, New York, N. Y. Catalytic treatment of hydrocarbon oils. 2,400,446; May 14.

Veltman, Preston L., Fishkill, N. Y., and L. W. Devaney, West Lafayette, Ind., assignors to The Texas Company, New York, N. Y. Production of alkylation reagent and alkylation process. 2,404,607; July 23.

Venable, Emerson, Wilkinsburg, assignor to Mine Safety Appliances Company, Pittsburgh, Pa. Filter for breathing apparatus. 2,400,179; May 14.

Venable, Emerson, Wilkinsburg, assignor to Mine Safety Appliances Company, Pittsburgh, Pa. Air-purifying apparatus. 2,400,180; May 14.

Venable, William M., assignor to Blaw-Knox Company, Pittsburgh, Pa. Apparatus for the electrolytic treatment of moving strips of metal. 2,395,437; Feb. 26.

Venditty, Anthony: *See*—
Graham, Matthew P., and Venditty.

Venditty, Anthony, Detroit, Mich., assignor to Thompson Products, Inc., Cleveland, Ohio. Swivel joint. 2,394,276; Feb. 5.

Venditty, Anthony, Detroit, Mich., assignor to Thompson Products, Inc., Cleveland, Ohio. Joint and bushing construction. 2,396,353; Mar. 12.

Venditty, Anthony, and M. P. Graham, Detroit, Mich., assignors to Thompson Products, Inc., Cleveland, Ohio. Preloaded joint assembly. 2,396,137; Mar. 5.

Veneklasen, Paul S., Saugus, Mass., assignor to the United States of America, represented by the Executive Secretary of the Office of Scientific Research and Development. Ear protector. 2,393,005; Jan. 15.

Veneklasen, Paul S., Saugus, Mass., assignor to the United States of America, as represented by the Executive Secretary of the Office of Scientific Research and Development. Earphone socket. 2,408,494; Oct. 1.

Vennigerholz, Edward, Moscow, Idaho. Securing improvements in image formation. 2,402,216; June 18.

Ventres, Ello C., Worcester, Mass. Work driving dog. 2,407,908; Sept. 17.

Verbanc, John J., Tuxedo Park, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing zinc salts of aryl mercaptans. 2,413,531; Dec. 31.

Verbrugge, Henry A., Great Neck, N. Y. Stirring device. 2,396,975; Mar. 19.

Verd-A-Ray Processing Company, assignee: *See*—
Levi, Ormonde S., and Hoyt.

Verduin, Fredric C.: *See*—
Todd, Seldon P., and Verduin.

Vergobbi, Robert W., assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Bullet handling apparatus. 2,406,176; Aug. 20.

Verhagen, Christian M., Elkhart, Ind., assignor to The Adlake Company, Chicago, Ill. Window regulator with self-adjusting arm. 2,401,673; June 4.

Verhagen, Christian M., Elkhart, Ind., assignor to The Adlake Company, Chicago, Ill. Multiple glass sash. 2,402,105; June 11.

Verhagen, Christian M., Elkhart, Ind., assignor to The Adlake Company, Chicago, Ill. Jettisoning the sliding canopies of airplane cockpits. 2,403,250; July 2.

Verhagen, Christian M., Elkhart, Ind., assignor to The Adlake Company, Chicago, Ill. Jettisoning means for the escape panels of aircraft. 2,412,787; Dec. 17.

Verhoeff, Adrianus, Eindhoven, Netherlands, assignor to Hartford National Bank & Trust Company, Hartford, Conn., trustee. X-ray tube. 2,407,857; Sept. 17.

Veritch, Harold J., assignor, by mesne assignments, to Interval Instruments, Inc., New York, N. Y. Sound reproducing system. 2,397,579; Apr. 2.

Verity, Frank, Jr., Oyster Bay, assignor to Press Wireless, Inc., New York, N. Y. Adjustable high frequency inductance. 2,400,858; May 21.

Vermot, Henri, E., assignor to Hamilton Watch Company, Lancaster, Pa. Water resistant watchcase. 2,392,787; Jan. 8.

Vernay Patents Company, assignee: *See*—
Vernet, Sergius.

Verner, James, Pocahontas, Iowa. Traction weight and fence guard. 2,397,064; Mar. 19.

Vernet, Sergius, assignor to Vernay Patents Company, Yellow Springs, Ohio. Thermostat. 2,396,138; Mar. 5.

Verrill, Charles W.: *See*—
Neuhaus, Elmer C., and Verrill.

Verson Allsteel Press Company, assignee: *See*—
Werner, Herbert B., and Verson.

Verson, John: *See*—
Werner, Herbert B., and Verson.

Versoy, Irving R., New Haven, and L. H. Loeffel, West Haven, assignors, by mesne assignments, to The Berger Brothers Company, New Haven, Conn. Aviator's belt or the like. 2,397,709; Apr. 2.

Versoy, Irving R., New Haven, and L. H. Loeffel, West Haven, assignors, by mesne assignments, to The Berger Brothers Company, New Haven, Conn. Acceleration belt and stockings for aviators. 2,397,710; Apr. 2.

Veselý, Josef, London, England. Firearm. 2,399,900; May 7.

Vesely, Josef, London, N. 21, England. Magazine for firearms. 2,407,461; Sept. 10.

Vesterdal, Hans G., Elizabeth, N. J., assignor to Standard Oil Development Company. Chemical process. 2,397,301; Mar. 26.

Veteran, John H.: *See*—
Correa, Manuel.

Vettel, Arthur W.: *See*—
Oliver, Edwin L., McGuire, Slaughter, and Vettel.

Veverka, Rudolph, Bayport, N. Y. Clasp. 2,413,392; Dec. 31.

Vick Chemical Company, assignee: *See*—
Puetzer, Bruno.

Vickers-Armstrongs Limited, assignee: *See*—
Holden, Warwick C., and Naylor.

Vickers-Armstrongs Limited, assignee: *See*—
Abbink-Spaink, Johan H., and Spencer.
Clifton, John C., and Rabarts.
Roberts, Frank H., and Abbink-Spaink.
Spencer, Arthur, and Abbink-Spaink.

Vickers, Carroll B., Buffalo, N. Y. Propeller transmission. 2,396,352; Mar. 12.

Vickers, Carroll B., Buffalo, N. Y., assignor, by mesne assignments, to Timken-Detroit Axle Company, Detroit, Mich. Hydraulic brake system. 2,399,269; Apr. 30.

Vickers, Carroll B., Buffalo, N. Y., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Hydraulic brake system. 2,399,270; Apr. 30.

Vickers, Harry F., Washington, D. C., assignor, by mesne assignments, to Vickers, Incorporated, Detroit, Mich. Safety control for hoists. 2,407,692; Sept. 17.

Vickers, Harry F., assignor to Vickers Incorporated, Detroit, Mich. Safety control for hoists and circuit therefor. 2,407,693; Sept. 17.

Vickers, Harry F., assignor to Vickers, Incorporated, Detroit, Mich. Hoist control and drive. 2,407,694; Sept. 17.

Vickers, Harry F., assignor, by mesne assignments, to Vickers, Incorporated, Detroit, Mich. Breech actuating and control system. 2,410,116; Oct. 29.

Vickers, Harry F., assignor to Vickers Incorporated, Detroit, Mich. Power transmission. 2,413,393; Dec. 31.

Vickers, Harry F., K. R. Herman, and J. Moser, assignors to Vickers Incorporated, Detroit, Mich. Oil well pumping apparatus. 2,402,712; June 25.

Vickers Incorporated, assignee: *See*—
Ellis, Arthur L.
Fox, Milton R.
Gardiner, Duncan B.
Griffith, Raymond C.
Herman, Kenneth R.
Herman, Kenneth R., Robinson, and Dietiker.
Jeannin, John F.
Martin, Joseph A.
Readman, Bernard L., and Shartle.
Robinson, James.
Tweedale, Ralph L.
Vickers, Harry F.
Vickers, Harry F., Herman, and Moser.
Wilson, Burton J.

Vickers, William A., Wanakena, N. Y. Conveyer belt cleaner. 2,393,724; Jan. 29.

Vico Products Company, assignee: *See*—
Maizel, Ben.

Victor Adding Machine Co., assignee: *See*—
Mehan, Thomas O.
Mehan, Thomas O., and Hooe.

Victor Chemical Works, assignee: *See*—
Foy, Arthur D. F.
Woodstock, Willard H.
Woodstock, Willard H., and Pelletier.

Victor Electric Products, Inc., assignee: *See*—
Spear, Walter A.

Victor, John H., Wilmette, assignor to Victor Manufacturing & Gasket Company, Chicago, Ill. Oil seal construction. 2,405,279; Aug. 6.

Victor Manufacturing & Gasket Company, assignee: *See*—
Ankers, Albert J.
Victor, John H.

Victor Metal Products Corporation, assignee: *See*—
Apfelbaum, Hugo L.
Crowley, Charles.

Victor Products (Wallsend), Limited, assignee: *See*—
Mann, Reginald W., and Wiles.

Vidal Corporation, assignee: *See*—
Marhoefer, Laurence J.
Taylor, William A.
Vidal, Eugene L., and Marhoefer.
Vidal, Eugene L., and Taylor.

Vidal, Eugene L., Washington, D. C., and W. A. Taylor, Wildwood, N. J., assignors to Vidal Corporation. Apparatus for molding laminated structures. 2,392,108; Jan. 1.

Vidal, Eugene L., Washington, D. C., and L. J. Marhoefer, Haddon Heights, assignors to Vidal Corporation, Camden, N. J. Making laminated structures. 2,394,730; Feb. 12.

Viehweger, August, Comstock Park, assignor to Grand Rapids Hardware Company, Grand Rapids, Mich. Sash balance. 2,398,456; Apr. 16.

Vielehr, Oscar A.: *See*—
Holschuh, Carl G., and Vielehr.

Vienna Model Bakery, Inc., The, assignee: *See*—
Jackson, Maurice M.

Vietas, Frank, Bedford, and **F. L. Gardner**, Somerville, assignors to A. R. Hyde & Sons Company, Cambridge, Mass. Cleat assembly for athletic shoes. 2,412,788; Dec. 17.

Vieta, Floyd H., Glendale, assignor to Western Precipitation Corporation, Los Angeles, Calif. Collecting electrode for electrical precipitators. 2,397,302; Mar. 26.

Vigmostad, Trygve, and S. N. Juul, assignors to Briggs Manufacturing Company, Detroit, Mich. Vehicle body. 2,411,945; Dec. 3.

Vigren, Sten D.: *See*—
Rost, Helge F., Thunell, Vigren, and Claesson.

Viland, Clare K., Martines, and H. Y. Hyde, Associated, assignors to Tide Water Associated Oil Company, San Francisco, Calif. Manufacture of olefins. 2,409,815; Oct. 22.

Vilbig, Joseph E.: *See*—
Crawford, Thomas B., and Vilbig.

Vilkomerson, Benjamin S., Camden, N. J., assignor to Radio Corporation of America. Automatic gain control circuit. 2,395,770; Feb. 26.

Vilkomerson, Benjamin S., Camden, N. J., assignor to Radio Corporation of America. Discriminator-rectifier circuits. 2,412,482; Dec. 10.

Villani, Antonio, Milford, assignor to Draper Corporation, Hopedale, Mass. Shuttle eye. 2,393,077; Jan. 15.

Villepigue, Julius G., assignor to North American Aviation, Inc., Inglewood, Calif. Retractable landing gear. 2,403,835; July 9.

Villier, Charles J., Louisville, Ky. Heat exchange structure. 2,405,722; Aug. 13.

Vinal, Leroy W., Leominster, Mass., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Molding process. 2,404,671; July 23.

Vincent, Andrew W., assignor to Stromberg-Carlson Company, Rochester, N. Y. Automatic switch. 2,399,962; May 7.

Vincent, Andrew W., assignor to Stromberg-Carlson Company, Rochester, N. Y. Multicontact relay. 2,410,136; Oct. 29.

Vincent, Edward T., Ann Arbor, assignor to Continental Motors Corporation, Muskegon, Mich. Fuel metering and distributing means. 2,399,587; Apr. 30.

Vincent, Edwin E.: *See*—
Caldwell, Frank W., Martin, and Vincent.

Vincent, George P., Briarcliff Manor, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Bleaching shellac. 2,397,389; Mar. 26.

Vincent, George P., Briarcliff Manor, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Starch solubilization. 2,409,085; Oct. 8.

Vincent, George P., Poughkeepsie, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Bleaching and sterilizing starch. 2,409,084; Oct. 8.

Vincent, George P., Briarcliff, N. Y., and **A. L. Dubeau**, Rumford, R. I., assignors to The Mathieson Alkali Works, Inc., New York, N. Y. Chemical manufacture. 2,395,305; Feb. 19.

Vincent, George P., Poughkeepsie, N. Y., and **A. L. Dubeau**, Rumford, R. I., assignors to The Mathieson Alkali Works, Inc., New York, N. Y. Purification of crude cellulosic material. 2,407,909; Sept. 17.

Vincent, Jesse G., Grosse Pointe Park, and **F. R. McFarland**, Huntington Woods, assignors to Packard Motor Car Company, Detroit, Mich. Lubricating means for drive mechanism. 2,400,964; May 28.

Vincent, John R., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Butadiene-styrene elastomers. 2,394,952; Feb. 12.

Vincent, John R., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preserving rubber. 2,406,722; Aug. 27.

Vincent, Joseph F., assignor to Wingfoot Corporation, Akron, Ohio. Film. 2,393,006; Jan. 15.

Vincent, William J., and **E. D. Talbot**, assignors to Rochester Telephone Corporation, Rochester, N. Y. Telephone traffic indicating and recording means. 2,392,890; Jan. 15.

Vincent, William J., and **C. M. Stanton**, assignors, by mesne assignments, to Electronic Rat Control, Inc., Rochester, N. Y. Animal trap. 2,411,766; Nov. 26.

Vinco Corporation, assignee: *See*—
Osplack, Joseph J.

Vine, Allyn C.: *See*—
Redfield, Alfred C., and Vine.

Vineberg, Joseph H., Ottawa, Ontario, Canada. Garment bag. 2,392,345; Jan. 8.

Vineberg, Samuel S., Buffalo, N. Y. Heating apparatus. 2,407,590; Sept. 10.

Viner, Ruth G., Cheyenne, Wyo. Bicycle trailer and hitch. 2,394,277; Feb. 5.

Vines, Raymond F.: *See*—
Wise, Edmund M., and Vines.

Vinsant, Granville F., Fort Worth, Tex., assignor to Industrial Patents Corporation, Chicago, Ill. Switch for trolley rails. 2,407,620; Sept. 10.

Vinson, Ralph A.: *See*—
Stenson, Olaf, and Vinson.

Vinton, John: *See*—
MacMillan, Douglas M., and Vinton.
MacMillan, Douglas M., Vinton, and Paina.

Vinton, John, San Francisco, and **D. MacMillan**, Berkeley, Calif. Railroad fusee. 2,412,018; Dec. 3.

Vinton, William U.: *See*—
West, Robert D., and Vinton.

Vinton, William U., and A. H. Myers, assignors to Manitowoc Shipbuilding Company, Manitowoc, Wis. Low temperature cabinet construction. 2,399,963; May 7.

Virginia-Carolina Chemical Corporation, assignee: *See*—
Given, Charles P.

Virginia Electric Manufacturing Corporation, assignee: *See*—
Wiard, George W.

Virginia-Lincoln Corporation, assignee: *See*—
Lincoln, John D.

Virginia Metal Industries, Inc., assignee: *See*—
Gardner, Daniel.

Virginia Smelting Company, assignee: *See*—
Leiserson, Lee.

Visking Corporation, The, assignee: *See*—
Bordenca, Carl, and Thor.

Vissat, Anthony L., Wilkinsburg, Pa. Internal-combustion engine. 2,398,337; Apr. 9.

Visscher, Juan F.: *See*—
Ziegler, Marc, Visscher, and Cavallero.

Vitagliano, Albert H., Everett, Mass. Radiator valve, 2,396,400; Mar. 12.

Vitarama Corporation, assignee: *See*—
Waller, Fred.
Waller, Fred, and Dresser.
Waller, Fred, Dresser, and Baker.

Vitoux, Pierre, Troyes, France; vested in the Alien Property Custodian. Hand tool for metal engraving. 2,392,560; Jan. 8.

Vittum, Paul W.: *See*—
Jelley, Edwin E., and Vittum.
Weissberger, Arnold, Kibler, and Vittum.

Vittum, Paul W., and I. S. Wilder, assignors to Eastman Kodak Company, Rochester, N. Y. Color photography. 2,401,713; June 4.

Vivian, Arthur C., Sunbury-on-Thames, assignor to Anglo-Iranian Oil Company Limited, London, England. Closure cap or stopper for containers. 2,400,614; May 21.

Vivian, Harold F.: *See*—
Salo, Martin, and Vivian.

Vivian, Robert E.: *See*—
Dressler, Russell G., Vivian, and Hasselstrom.

Viviano, Gandolph J., Ridgewood, N. J. Two-speed drive for superchargers. 2,406,417; Aug. 27.

Vizard, William C., assignor to Barbour Welting Company, Brocton, Mass. Laminated welting. 2,403,694; July 9.

Vizard, William C., assignor to Barbour Welting Company, Brockton, Mass. Preformed welting. 2,403,773; July 9.

Vizard, William C., assignor to Barbour Welting Company, Brockton, Mass. Shoe welting. 2,404,998; July 30.

Vizay, L. W., Corporation, assignee: *See*—
Vizay, Lloyd W.

Vizay, Lloyd W., Milwaukee, Wis. Fluid transfer device. 2,401,674; June 4.

Vizay, Lloyd W., assignor to L. W. Vizay Corporation, Milwaukee, Wis. Fluid carrying, transferring, and shut-off devices. 2,405,864; Aug. 13.

Vizents, Herman C., deceased; **L. Vizents**, administratrix, assignor to E. H. Sigman, Chicago, Ill. Cutter forming device. 2,413,532; Dec. 31.

Vizents, Lillian, administratrix: *See*—
Vizents, Herman C.

Vlass, Nicholas J., Atlanta, Ga. Drain cock wrench. 2,394,027; Feb. 5.

Vleck, Adolph, Jr., Essex, assignor to The Glenn L. Martin Company, Middle River, Md. Hardness certifying machine. 2,398,605; Apr. 16.

Vliet, Miller N., assignee: *See*—
Hillberg, Albert T.

Vlock, Mark, New York, N. Y. X-ray film packet holder and angle indicator. 2,392,109; Jan. 1.

Voet, Andries, East Orange, N. J., assignor to General Printing Ink Corporation, New York, N. Y. Pigments. 2,392,073; Jan. 1.

Vogel, Max, Bridgeport, Conn. Container for cigarette packages or the like. 2,411,946; Dec. 3.

Vogel, Paul C., Waukesha, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Centrifugal casting machine. 2,392,299; Jan. 1.

Vogel, William W., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Combined frequency modulation radio transmitter and receiver. 2,408,826; Oct. 8.

Vogelsang, George K.: *See*—
Novotny, Emil E., and Vogelsang.
Novotny, Emil E., Vogelsang, and Novotny.

Vogl, Walter W., Omaha, Nebr., assignor to R. E. Svoboda. Explosive perchlorates of aliphatic nitrogenous compounds. 2,406,572; Aug. 27.

Vogl, Walter W., Omaha, Nebr., assignor to R. E. Svoboda. Explosive and making. 2,406,573; Aug. 27.

Vogt, Henry, Machine Co., Inc., assignee: *See*—
Edmonds, Eugene A.
Williams, Jesse D., Jr.

Vogt, Paul R.: *See*—
Butterfield, John P., Borden, and Vogt.

Vogt, Ralph A., Berkeley, Mich. Automobile wheel clamp. 2,409,602; Oct. 15.

Vogt, Richard R.: *See*—
Hamill, William H., and Vogt.

Voight, Henry G., Hamden, assignor to Sargent & Company, New Haven, Conn. Unit lock. 2,412,789; Dec. 17.

Voigt, Paul A.: *See*—
Miles, William S., and Voight.

Volty, Maurice, assignor to Universal Slide Fastener Co., Inc., Long Island City, N. Y. Method and apparatus for manufacturing slide fasteners. 2,396,727; Mar. 19.

Volty, Maurice, New York, assignor to Universal Slide Fastener Co., Inc., Long Island City, N. Y. Apparatus for manufacturing slide fasteners. 2,396,933; Mar. 19.

Volty, Maurice, Bayside, and **G. A. Griffiths**, Kew Gardens, assignors to Universal Slide Fastener Co., Inc., Long Island City, N. Y. Blank for use in the manufacture of sliders for slide fasteners. 2,409,966; Oct. 22.

Vokac, Charles W.: *See*—
Kuehlthau, Hugo L., Vokac, and Del Monte.

Vokes, Cecil G., London, England. Air intake filter for aircraft. 2,405,102; July 30.

Vokes, Cecil G., London, England. Readily cleanable filter. 2,407,046; Sept. 3.

Vokes, Cecil G., London, England. Filter. 2,407,194; Sept. 3.

Vokes, Cecil G., London, England. Filter. 2,410,371; Oct. 29.

Vokes, Cecil G., and E. A. Stokes; said Stokes assignor to Vokes Limited, London, England. Filter for gases under pressure. 2,404,468; July 23.

Vokes, Cecil G., and E. A. Stokes; said Stokes assignor to Vokes Limited, London, England. Dust remover and filter. 2,406,177; Aug. 20.

Vokes, Cecil G., and E. A. Stokes; said Stokes assignor to Vokes Limited, London, England. Filter. 2,406,308; Aug. 20.

Vokes, Cecil G., and E. A. Stokes, said Stokes assignor to Vokes Limited, London, England. Filter cleaning mechanism. 2,408,130; Sept. 24.

Vokes Limited, assignee: *See*—
Vokes, Cecil G., and Stokes.

Voland & Sons, Inc., assignee: *See*—
Klatinger, John.

Volet, Edouard, Vevey, Switzerland. Accelerometer. 2,405,382; Aug. 6.

Volf, Christian A., Los Angeles, Calif. Vented parachute. 2,404,672; July 23.

Volf, Christian A., Los Angeles, Calif. Cargo carrier. 2,404,673; July 23.

Volgenau, Robert H., Buffalo, and **J. M. Hooe**, Ogdensburgh, N. Y. Tool for removing wax from beehive frames. 2,413,394; Dec. 31.

Volkmann, John, Cambridge, Mass., assignor to the Government of the United States, as represented by the Secretary of War. Earphone socket. 2,403,418; July 2.

Vollrath, Joseph P.: *See*—
Green, John R., and Vollrath.

Vollrath, Joseph P., Glenside, assignor to The Brown Instrument Company, Philadelphia, Pa. Protecting tube. 2,405,075; July 30.

Vollrath, Joseph P., Glenside, assignor to The Brown Instrument Company, Philadelphia, Pa. Thermocouple. 2,405,076; July 30.

Volosin, John J.: *See*—
Schottenberg, Harold W., and Volosin.

Volpe, Michael, assignor of one-half to G. I. Feilback, Pittsburgh, Pa. Pool ball rack or frame. 2,405,677; Aug. 13.

Volpin, Alexander S., Houston, Tex. Slush pump valve. 2,402,713; June 25.

Volpin, Alexander S., assignor to Garrott Brass and Machine Company, Houston, Tex. Valve. 2,401,123; May 28.

Volsk, Nicholas T., Spring Lake, N. J., assignor to the Government of the United States of America, as represented by the Secretary of War. Jig for winding spherical coils. 2,394,028; Feb. 5.

Volz, Carl, Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus to detect change of voltage. 2,408,711; Oct. 1.

Vonada, Phillip A., Dayton, Ohio. Boring bar. 2,399,271; Apr. 30.

Von Ahrens, Robert H., Denver, Colo. Welding ring. Re. 22,725; Feb. 19.

Von Allmen, Samuel, and H. Eggenberger, Basel, assignors to Sandoz Ltd., Fribourg, Switzerland. Dyestuffs of the anthraquinone series and making same. 2,412,790; Dec. 17.

Von Babo, Max A., Seattle, Wash. Card playing instruction device. 2,395,087; Feb. 19.

Von Babo, Max A., Seattle, Wash. Card playing device. 2,395,088; Feb. 19.

Von Borries, Bodo, Berlin-Spandau, Germany; vested in the Alien Property Custodian. Electronic microscope. 2,396,624; Mar. 12.

Von den Steinen, Carl, Hamburg 1, Germany; vested in the Alien Property Custodian. Measuring instrument for determining the orbital acceleration and the functions thereof. 2,396,617; Mar. 12.

Von der Heide, Elmer J., Akron, Ohio. Vulcanizer. 2,405,077; July 30.

Von Doenhoff, Phyllis: *See*—
Rice, Kernell G., Roble, and Von Doenhoff.

Von Glahn, William H., Loudonville, and W. L. Walsh, East Greenbush, assignors to General Aniline & Film Corporation, New York, N. Y. Stable diazonium salts. 2,402,106; June 11.

Von Hasse, Anthony, Lakewood, assignor to Cleveland Steel Products Corporation, Cleveland, Ohio. Oil burner. 2,396,306. Mar. 12.

Von Hagen, Kurt, Wissel, near Kleve, Germany; vested in the Alien Property Custodian. Device for dredging gravel or the like. 2,410,765; Nov. 5.

Von Hartmann, Evelyn, Westwood, N. J., assignor to Novelart Manufacturing Company, Long Island City, N. Y. Stationery package. 2,413,474; Dec. 31.

Von Hippel, Arthur, Weston, Mass., assignor to Federal Telephone & Radio Corporation. Selenium coated elements and making them. 2,408,116; Sept. 24.

Von Hippel, Arthur, Weston, Mass., assignor to Federal Telephone & Radio Corporation, New York, N. Y. Making selenium rectifiers. 2,413,013; Dec. 24.

Von Hortenau, Hans, assignor to S. K. M. Billman, Stockholm, Sweden. Fluid quantity measuring device. 2,406,723; Aug. 27.

Von Hortenau, Hans, assignor to Stig K. M. Billman, Stockholm, Sweden. Temperature measuring device. 2,411,120; Nov. 12.

Von Kessel, Glendra B., assignee: *See*—
Kessel, Johannes B.

Von Keussler, Otto, Darmstadt, Germany; vested in the Alien Property Custodian. Distilling alcohols. 2,392,534; Jan. 8.

Von Kohorn, Henry, judicial change of name: *See*—
Kornegg, Heinz-Horst E. Von K. Z.

Von Kohorn, Henry, New York, N. Y. Producing nitrocellulose. 2,410,319; Oct. 29.

Vonnegut, Anton, assignor to Vonnegut Moulder Corporation, Indianapolis, Ind. Expansible wheel. 2,410,536; Nov. 5.

Vonnegut, Kurt, Indianapolis, Ind. Tobacco pipe. 2,395,596; Feb. 26.

Vonnegut Moulder Corporation, assignee: *See*—
Vonnegut, Anton.

Von Ohlsen, Louis H., New Haven, Conn., assignor to The Safety Car Heating and Lighting Company, Inc. Regulator. 2,404,674; July 23.

Von Reis, Bror C.: *See*—
Kaplan, Leo I., and von Reis.

Von Reppert, Richard, Rochester, assignor to International Business Machines Corporation, New York, N. Y. Typewriting machine. 2,392,276; Jan. 1.

Von Reppert, Richard, Rochester, assignor to International Business Machines Corporation, New York, N. Y. Typewriting machine. 2,396,401; Mar. 12.

Von Reppert, Richard, Rochester, assignor to International Business Machines Corporation, New York, N. Y. Typewriting machine. 2,407,195; Sept. 3.

Vonrüti, Hans, assignor to Schweizerische Lokomotive und Maschinenfabrik, Winterthur, Switzerland. Opposed piston two-cycle engine. 2,398,980; Apr. 23.

Von Seemann, Carl: *See*—
Grant, Gordon A., and von Seemann.

Von Segebaden, Ernst, Drottningholm, and Ragnar Osterdahl, Stora Essingen, assignors to Asenco Aktiebolag, Stockholm, Sweden. Antiaircraft fire control apparatus. 2,394,827; Feb. 12.

Von Stackelberg, Yurgen Z., Baltimore, assignor to The Glenn L. Martin Company, Middle River, Md. Hydraulic brake system. 2,409,335; Oct. 15.

Von Stocker, Selmer G., Massena, assignor to Aluminum Company of America, Pittsburgh, Pa. Work handling apparatus. 2,401,592; June 4.

Von Stroeer, Walter, assignor to The Rudolph Wurlitzer Company, North Tonawanda, N. Y. Cup dispensing mechanism. 2,407,968; Sept. 17.

Von Stroh, Gerald, Berkeley, assignor to The Permanente Metals Corporation, Oakland, Calif. Polychloroprene composition. 2,405,336; Aug. 6.

Voorhees, Daniel W., Quincy, Ill. Wheel. 2,403,146; July 2.

Voorhees, L. G., assignee: *See*—
Ellenberger, Stanley D.

Voorhees, Vanderveer, Homewood, assignor to Standard Oil Company, Chicago, Ill. Desalting crude oil. 2,400,986; May 28.

Voorhies, Alexis, Jr., Baton Rouge, La., assignor to Standard Oil Development Company. Dehydrogenating hydrocarbons. 2,408,131; Sept. 24.

Vordahl, Milton B.: *See*—
Catlin, John P., Eckstein, and Vordahl.

Voreaux, Paul J., Saint-Cloud, assignor to R. Gentil, Neuilly-sur-Seine, France. Gas pump. 2,405,475; Aug. 6.

Verech, Stephen, assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Fluid pressure control mechanism. 2,394,343; Feb. 5.

Voremkamp, Egbert R., Berkeley, Calif. Marine oil tank. 2,402,790; June 25.

Vorse, Harry L., Portland, Oreg. Flying machine. 2,399,839; May 7.

Voshurg, Alan E., assignor to Teletype Corporation, Chicago, Ill. Safety guard. 2,404,675; July 23.

Vose, Edwin W., Orange, N. J., assignor to Spray Process Co. Inc., New York, N. Y. Spraying device for liquids. 2,399,081; Apr. 23.

Vose, Robert W.: *See*—
Baymiller, John W., and Vose.

Voss, John H., Downers Grove, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,395,155; Feb. 19.

Voss, Joseph A., Denver, Colo. Adjustable bedclothes support. 2,398,731; Apr. 16.

Votaw, Blair, Maricopa County, Ariz. Detachable can handle. 2,396,479; Mar. 12.

Voth, Anthony, Gainesville, Tex. Bale loading and unloading wagon. 2,405,534; Aug. 6.

Vought, Russell R., Beverly Hills, Calif. Gun sight. 2,397,711; Apr. 2.

Vought, Russell R., Beverly Hills, Calif. Shutterless aerial camera. 2,401,530; June 4.

Vought, Russell R., Beverly Hills, and E. R. Bergmark, Los Angeles, Calif.; said Bergmark assignor to said Vought. Dive angle indicator. 2,397,712; Apr. 2.

Vowless, Jack H., Te Kauwhata, New Zealand. Mechanical shovel attachment for tractors. 2,397,303; Mar. 26.

Voyle, John R. and L. G. Grace, Auckland, New Zealand. Milking machine. 2,396,544; Mar. 12.

Voytech, Charles F., assignor to Borg-Warner Corporation, Chicago, Ill. Automatic transmission. 2,397,634; Apr. 2.

Vrana, Charles, Garfield, N. J. Motor-driven brush with comb. 2,400,723; May 21.

Vredenburg, Edric W., Berkeley, Calif. Bag filling device. 2,392,204; Jan. 1.

Vredenburg, Edric W., Berkeley, Calif. Net and gross weigher. 2,402,217; June 18.

Vroman, John C., Detroit, Mich. Valve puller for oil wells. 2,394,123; Feb. 5.

Vrooman, Leon, and S. Smalley, Gloversville, N. Y. Walking aid. 2,413,202; Dec. 24.

V'Soske, Stanislav, Grand Rapids, Mich. Shoe sole or shoe sole element. 2,393,433; Jan. 22.

V'Soske, Stanislav, Grand Rapids, Mich. Shoe and method of making. 2,393,434; Jan. 22.

Vulcan Corporation, assignee: *See*—
Clausing, George.

Vulcan Soot Blower Corporation, assignee: *See*—
Arey, Fred C., and Hibner.

Vyverberg, John C.: *See*—
Batchelder, George W., Nagle, Vyverberg, and Willis.

Vyverberg, John C., Jr., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Treating spent acid. 2,404,260; July 16.

Wang, Norman E., assignor to Thompson Products, Inc., Cleveland, Ohio. Quick disconnect coupling. 2,399,525; Apr. 30.

Wachtel, Jacques L., Peoria, Ill., assignor to United States of America as represented by the Secretary of Agriculture. Isolation of penicillin from aqueous solutions. 2,399,840; May 7.

Wachter, Aaron, Berkeley, and R. S. Treseder, San Francisco, Calif., assignors to Shell Development Company. Corrosion inhibition in catalytic hydrocarbon conversion. 2,411,483; Nov. 19.

Wachter, Edward D., Jr.: *See*—
Mullett, Howard G., and Wachter.

Wachter, Lester W., assignor to Anthony Company, Streator, Ill. Loader. 2,393,435; Jan. 22.

Wachtler, Friedrich M.: *See*—
Hofmann, Alfred, Trutner, and Wachtler.

Wachtler, Friedrich M., West New York, and D. G. Trutner, Rutherford, assignors to Alfred Hofmann, Inc., West New York, N. J. Mechanism for setting up welt bars and welt rods in flat knitting machines. 2,401,531; June 4.

Wachtman, George S., Harrisburg, Pa. Electron tube apparatus. 2,400,895; May 28.

Wachtman, George S., Harrisburg, Pa. Tuning system. 2,400,896; May 28.

Wachtman, George S., Harrisburg, Pa. Electrical tuning system. 2,400,897; May 28.

Wachtman, George S., Harrisburg, Pa. Selective tuning system. 2,400,898; May 28.

Wackett, Lawrence J., Brighton, Victoria, Australia. Means for aiming guns mounted on aircraft. 2,405,383; Aug. 6.

Wackher, Richard C.: *See*—
Pines, Herman, and Wackher.

Waddell, Benson F., assignor to The Wilcolator Company, Newark, N. J. Temperature regulator for electrical appliances. 2,402,354; June 18.

Waddell, James, Metuchen, N. J., and W. W. Woessner, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of vitamin D. 2,410,254; Oct. 29.

Wade, Charles E., Sturgis, Mich. Electrical connector. 2,392,438; Jan. 8.

Wade, Elmer J., Pittsfield, Mass., assignor to General Electric Company. Locating equipment. 2,411,071; Nov. 12.

Wade, Willard H., Washington, D. C. Card selector machine. 2,395,924; Mar. 5.

Wadley, Edward F.: *See*—
Horeczy, Joseph T., and Wadley.

Wadley, Edward F., Baytown, Tex., assignor to Standard Oil Development Company. Recovery of hydrogen halides from gases. 2,397,768; Apr. 2.

Wadley, Edward F., Baytown, Tex., assignor to Standard Oil Development Company. Recovery of hydrogen halide. 2,397,769; Apr. 2.

Wadley, Edward F., and J. T. Horeczy, Baytown, Tex., assignors to Standard Oil Development Company. Purification of ethylene. 2,408,010; Sept. 24.

Wadsworth, Daniel V., Manhasset, N. Y., and M. F. Hughes, Jersey City, N. J., assignors to Refined Syrups & Sugars, Inc., Yonkers, N. Y. Sugar syrup and process. 2,400,816; Oct. 22.

Wadsworth Electric Manufacturing Company, The, assignee: *See*—
Blank, Joseph N.
Landmeier, Edwin W.

Wadsworth, George E., Erlanger, Ky. Hot line clamp. 2,397,390; Mar. 26.

Wager, Robert H., Maplewood, N. J. Inverted vent check valve. 2,393,078; Jan. 15.

Wager, Robert H., Maplewood, N. J. Smoke inspection device. 2,408,495; Oct. 1.

Waggaman, William H.: *See*—
Breton, Ernest J., and Waggaman.

Waggener, Kenneth E., Brea, Calif. Wash-over, outside cutter. 2,398,981; Apr. 23.

Wagler, Alfred L., deceased, North Hills; A. Wagler, executrix, assignor to W. F. Gelbel, Philadelphia, Pa. Elastic fabric and making the same. 2,411,175; Nov. 19.

Wagler, Antonia, executrix: *See*—
Wagler, Alfred L.

Wagner, Cary R., Utica, Ohio, assignor to Phillips Petroleum Company. Production of alkenylpyrroles. 2,393,132; Jan. 15.

Wagner, Cary R., Utica, Ohio, assignor to Phillips Petroleum Company. Level control and indicator of interface between acid and hydrocarbon layers. 2,394,220; Feb. 5.

Wagner, Cary R., Utica, Ohio, assignor to Phillips Petroleum Company. Production of unsaturated nitriles. 2,412,437; Dec. 10.

Wagner, E. R., Manufacturing Company, assignee: *See*—
Thiele, Berthold R.
Wagner, Robert S., and Thiele.

Wagner, Edward F., Lakeville, assignor to The Studebaker Corporation, South Bend, Ind. Latch mechanism. 2,394,646; Feb. 12.

Wagner Electric Corporation, assignee: *See*—
Boldt, Werner F.
Freeman, Walter R.
Owens, Russell S.
Schnell, Steve.

Wagner, Frederick C., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing chloroprene-acrylic nitrile polymers. 2,395,649; Feb. 26.

Wagner, Frederick C., Louisville, Ky., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chloroprene polymers. 2,399,407; Apr. 30.

Wagner, Gustave H.: *See*—
Wagner, Harold A. and G. H.

Wagner, Hans P., Atlanta, Ga. Self-sealing gasoline tank. 2,403,836; July 9.

Wagner, Harold A. and G. H., Portland, Oreg. Cutting machine. 2,393,845; Jan. 29.

Wagner, Herbert M., Long Branch, N. J., assignor to Radio Corporation of America. Electron discharge device. 2,404,113; July 16.

Wagner, Julius A., Cleveland Heights, Ohio, assignor to Western Electric Company, Incorporated, New York, N. Y. Coiling apparatus. 2,407,353; Sept. 10.

Wagner, Richard H.: *See*—
Mueller, Erich O., and Wagner.

Wagner, Robert S., Milwaukee, and B. R. Thiele, Ripon, assignors to E. R. Wagner Manufacturing Company, Milwaukee, Wis. Hasp lock keeper. 2,402,309; June 18.

Wagner, Romeo B., State College, Pa., assignor to Parke, Davis & Company, Detroit, Mich. Steroidal compounds and obtaining the same. 2,408,827; Oct. 8.

Wagner, Romeo B., State College, Pa., assignor to Parke, Davis & Company, Detroit, Mich. Steroidal compounds and obtaining the same. 2,408,828; Oct. 8.

Wagner, Romeo B., State College, Pa., assignor to Parke, Davis & Company, Detroit, Mich. Steroidal compounds and obtaining the same. 2,408,829; Oct. 8.

Wagner, Romeo B., State College, Pa., assignor to Parke, Davis & Company, Detroit, Mich. Steroidal compounds and obtaining the same. 2,408,830; Oct. 8.

Wagner, Romeo B., State College, Pa., assignor to Parke, Davis & Company, Detroit, Mich. Steroidal compounds and obtaining the same. 2,408,831; Oct. 8.

Wagner, Romeo B., State College, Pa., assignor to Parke, Davis & Company, Detroit, Mich. Pseudokryptogenin and its diacetate. 2,408,832; Oct. 8.

Wagner, Romeo B., State College, Pa., assignor to Parke, Davis & Company, Detroit, Mich. Steroidal compounds and obtaining the same. 2,408,833; Oct. 8.

Wagner, Romeo B., State College, Pa., assignor to Parke, Davis & Company, Detroit, Mich. Steroidal compounds and obtaining the same. 2,408,834; Oct. 8.

Wagner, Romeo B., State College, Pa., assignor to Parke, Davis & Company, Detroit, Mich. Steroidal compounds and obtaining the same. 2,408,835; Oct. 8.

Wagner, Walter C., Ardmore, Pa. Secondary meter for primary energy. 2,412,070; Dec. 3.

Wagstaff, George, Long Eaton, England. Securing means for holders of thermionic valves and the like. 2,401,207; May 28.

Wahl, Milton H., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilized cyclonite. 2,411,604; Nov. 26.

Wahlberg, Eric C., Stamford, Conn., assignor to Electrolux Corporation, New York, N. Y. Electric switch devices. 2,393,846; Jan. 29.

Wahlberg, Eric C., Stamford, assignor to Electrolux Corporation, Old Greenwich, Conn. Electric control circuit. 2,394,029; Feb. 5.

Wahlberg, Eric C., Stamford, Conn., assignor to Electrolux Corporation, New York, N. Y. Electrical device. 2,399,272; Apr. 30.

Wahlberg, Eric C., Stamford, Conn., assignor to Electrolux Corporation, New York, N. Y. Electrical device. 2,399,273; Apr. 30.

Wahlberg, Eric C., Stamford, assignor to Electrolux Corporation, Old Greenwich, Conn. Electrical device. 2,399,274; Apr. 30.

Wahlberg, Eric C., Stamford, assignor to Electrolux Corporation, Old Greenwich, Conn. Electric control circuit. 2,399,699; May 7.

Wahlberg, Eric C., Stamford, assignor to Electrolux Corporation, Old Greenwich, Conn. Engine Control. 2,399,772; May 7.

Wahlberg, Eric C., Stamford, Conn., assignor to Electrolux Corporation, Old Greenwich, Conn. Synchronous controls. 2,400,579; May 21.

Wahlberg, Eric C., Stamford, Conn., assignor to Electrolux Corporation, Old Greenwich, Conn. Engine control system. 2,400,580; May 21.

Wahlberg, Eric C., Stamford, assignor to Electrolux Corporation, Old Greenwich, Conn. Remote control system. 2,405,678; Aug. 13.

Wahlin, Fred W., Oak Park, assignor to Spraying Systems Co., Chicago, Ill. Spray nozzle. 2,396,499; Mar. 12.

Wahlmark, Gunnar A., assignor to Sundstrand Machine Tool Co., Rockford, Ill. Mechanism for actuating machine tool supports. 2,395,946; Mar. 5.

Wahlmark, Gunnar A., assignor to Sundstrand Machine Tool Co., Rockford, Ill. Hydraulic transmission. 2,395,980; Mar. 5.

Wählström, Gustaf A., Akeshov, assignor to Telefonaktiebolaget L. M. Ericsson, Stockholm, Sweden. Push button switch. 2,405,679; Aug. 13.

Wainer, Eugene, assignor to The Titanium Alloy Manufacturing Company, Niagara Falls, N. Y. Dielectric material and making same. 2,394,030; Feb. 5.

Wainer, Eugene, Niagara Falls, assignor to The Titanium Alloy Manufacturing Company, New York, N. Y. High dielectric material and making same. 2,399,082; Apr. 23.

Wainer, Eugene, Niagara Falls, assignor to The Titanium Alloy Manufacturing Company, New York, N. Y. Furnace. 2,399,609; Apr. 30.

Wainer, Eugene, Niagara Falls, assignor to The Titanium Alloy Manufacturing Company, New York, N. Y. High dielectric material and making same. 2,402,515; June 18.

Wainer, Eugene, Niagara Falls, assignor to The Titanium Alloy Manufacturing Company, New York, N. Y. High dielectric material and making same. 2,402,516; June 18.

Wainer, Eugene, Niagara Falls, assignor to The Titanium Alloy Manufacturing Company, New York, N. Y. High dielectric material and making same. 2,402,517; June 18.

Wainer, Eugene, Niagara Falls, assignor to The Titanium Alloy Manufacturing Company, New York, N. Y. High dielectric material and making same. 2,402,518; June 18.

Wainman, Thomas, Arlington, assignor to Plastic Inlays, Inc., Jersey City, N. J. Inlaying. 2,398,482; Apr. 16.

Waintrob, Sidney J., New York, N. Y. Making electrical rectifiers and the like. 2,399,773; May 7.

Wainwright, John E., Hunningham, near Leamington Spa, and M. Jellis, Peterborough, assignors to Coventry Gauge & Tool Company Limited, Fletchamstead, Coventry, England. Screw thread gauge. 2,413,533; Dec. 31.

Walt, Bertrand H., New Rochelle, N. Y. Material for providing traction. 2,410,910; Nov. 12.

Walt, George T., assignor to Stewart-Warner Corporation, Chicago, Ill. Heating apparatus. 2,410,537; Nov. 5.

Waite, Ernest G., Jackson, Mich., assignor, by mesne assignments, to Hart-Carter Company, Peoria, Ill. Sieve or chaffer. 2,392,014; Jan. 1.

Waite, Philip M., Corry, Pa. Throttle control. 2,406,273; Aug. 20.

Waite, Philip M., Corry, Pa. Throttle control. 2,406,872; Sept. 3.

Waite, Philip M., Corry, Pa. Throttle control. 2,409,231; Oct. 15.

Waite, Ralph B., Springville, N. Y., assignor, by mesne assignments, to Sterling Drug Inc., Wilmington, Del. Closure. 2,393,578; Jan. 22.

Waitkins, George R.: *See*—
Clark, Charles W., Elkin, and Waitkins.

Wakefield, Richard E. B., Aldan, Pa., assignor to Selas Corporation of America. Airplane heating system. 2,401,393; June 4.

Wakefield, Walter H., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Pneumatic thread removing system for weft replenishing looms. 2,396,354; Mar. 12.

Wakefield, Walter H., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Pneumatic thread holder for weft replenishing looms. 2,401,593; June 4.

Wakefield, Walter H., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Reversible bobbin receiving bag. 2,411,947; Dec. 3.

Wakefield, Walter H., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Mounting for bobbin receivers for weft replenishing looms. 2,411,948; Dec. 3.

Wakefield, Walter H., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Spent bobbin receiver for looms. 2,411,949; Dec. 3.

Wakeford, Leslie E., and D. H. Hewitt, Homerton, London, England. Manufacture of interpolymers. 2,392,710; Jan. 8.

Waksman, Selman A., Highland Park, assignor to Merck & Co., Inc., Rahway, N. J. Fermentation. 2,400,143; May 14.

Waksman, Selman A., Highland Park, and E. O. Karow, New Brunswick, assignors to Merck & Co. Inc., Rahway, N. J. Production of citric acid. 2,394,031; Feb. 5.

Walbridge, Lyman H., assignor to Fenwal Incorporated, Ashland, Mass. Fire detector cable. 2,413,125; Dec. 24.

Walburn, Walter R.: *See*—
Lubelsky, Benjamin L., and Walburn.

Wald, George F., North Olmsted, Ohio, assignor to The American Steel and Wire Company of New Jersey. Self-centering chuck. 2,402,714; June 25.

Wald, Gerson E., Far Rockaway, N. Y., assignor to Bendix Aviation Corporation, Bendix, N. J. Electrical apparatus. 2,405,929; Aug. 13.

Wald, Sidney, Philadelphia, Pa., assignor to Radio Corporation of America. Relay. 2,399,901; May 7.

Walden, Alfred E.: *See*—
Gernandt, Waldo G., and Walden.

Walden, Alfred E., assignor to Briggs Manufacturing Company, Detroit, Mich. Engine. 2,393,667; Jan. 29.

Walden Koh-I-Noor, Inc., assignee: *See*—
Cizek, Vojtech.

Waldheim, John, Elizabeth, N. J. Clothesline holder. 2,393,490; Jan. 22

Waldie, George A.: *See*—
MacMillin, Howard F., Ernst, and Waldie.
Tucker, Warren R., and Waldie.

Waldie, William A., assignor to New Wrinkle, Inc., Dayton, Ohio. Wrinkle finish. 2,392,346; Jan. 8.

Waldie, William A., assignor to New Wrinkle, Inc., Dayton, Ohio. Wrinkle finish composition. 2,394,498; Feb. 5.

Waldie, William A., assignor to New Wrinkle, Inc., Dayton, Ohio. Wrinkling oil composition. 2,394,499; Feb. 5.

Waldie, William A., assignor to New Wrinkle, Inc., Dayton, Ohio. Modified wrinkle finish. 2,394,500; Feb. 5.

Waldie, William A., Oakwood, assignor to New Wrinkle, Inc., Dayton, Ohio. Blown wrinkle varnish base. 2,395,360; Feb. 19.

Waldie, William A., Oakwood, assignor to New Wrinkle, Inc., Dayton, Ohio. Blown wrinkle varnish base. 2,395,361; Feb. 19.

Waldie, William A., Oakwood, assignor to New Wrinkle, Inc., Dayton, Ohio. Modified linseed oil wrinkle finish. 2,407,623; Sept. 10.

Waldie, William A., and H. A. Toulmin, Jr., Dayton, Ohio, assignors to New Wrinkle, Inc., Wilmington, Del. Infrared treatment of oils. 2,411,767; Nov. 26.

Waldo, Mabel T., assignor of one-fourth to H. O. Mulks, Chicago, Ill. Operating inclinable mattress sections. 2,395,699; Feb. 26.

Waldorf Paper Products Company, assignee: *See*—
Guyer, Reynolds.
Guyer, Reynolds, and Dunning.
Guyer, Reynolds, and Hennessey.

Waldron, Harold E.: *See*—
Perfetti, John F., and Waldron.

Waldron, John, Corporation, assignee: *See*—
Case, Lynn B.

Waldron, Sheldon H.: *See*—
Emerson, Scott, and Waldron.

Waldvogel, Paul, assignor to Actiengesellschaft Brown, Boveri & Cie, Baden, Switzerland. Voltage measuring device for power transformers. 2,396,764; Mar. 19.

Walensky, Benno, London, England. Scoring device for lids or cans and the like. 2,401,208; May 28.

Wales, George F., Kenmore, N. Y. Method of and apparatus for punching by transfer means. 2,410,372; Oct. 29.

Wales, Nathaniel B., Jr., New York, N. Y. Electrically energized fuse. 2,403,567; July 9.

Wales, Nathaniel B., Jr., New York, N. Y. Electric fuse and setting apparatus. 2,404,553; July 23.

Wales, Nathaniel B., assignor to Norman Bel Geddes, doing business as Norman Bel Geddes and Company, New York, N. Y. Vacuum cleaner. 2,392,205; Jan. 1.

Walgren, Leslie C.: *See*—
Rowley, Cecil C., and Walgren.

Walk, Udell C., Palo Alto, Calif. Electrical convenience outlet. 2,399,408; Apr. 30.

Walk Easy Foot Rest Manufacturing Company, assignee: *See*—
Boos, Wilfred J.

Walker, Arnold V., Pascagoula, Miss. Hand and power steering mechanism. 2,401,532; June 4.

Walker, Bradley A., Birmingham, assignor to Foster Machines Corporation, Detroit, Mich. Exhibiting machine. 2,395,947; Mar. 5.

Walker, Brooks, Piedmont, Calif. Antitank mine clearing device. 2,397,994; Apr. 9.

Walker, Brooks, Piedmont, Calif. Liquid fuel burner. 2,404,015; July 16.

Walker, Brooks, Piedmont, Calif. Noncombustible fuel tank. 2,404,418; July 23.

Walker, Brooks, Arlington, Va. War vehicle fuel tank. 2,412,019; Dec. 3.

Walker, Charles, Syracuse, N. Y. Card selector machine. 2,395,306; Feb. 19.

Walker, Clinton L., Piedmont, Calif. Knotting board. 2,395,981; Mar. 5.

Walker, Clinton L., Piedmont, Calif. Internal-combustion engine. 2,400,581; May 21.

Walker, Curtis: *See*—
Turchan, Manuel, and Walker.

Walker, Eric E.: *See*—
Charlton, William, Jarrett, and Walker.

Walker, F. J., Engineering Company Limited, assignee: *See*—
Taylor, Arthur G.

Walker, George H., assignor to Heenan & Froude Limited, Worcester, England. Transmission dynamometer. 2,398,167; Apr. 9.

Walker, George L., Jersey City, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Torch. 2,396,765; Mar. 19.

Walker, Harry S., assignee: *See*—
Zaisser, William.

Walker, James D., Aurora, Ill., assignor to The American Wheel Works. Sludge collecting mechanism. 2,393,725; Jan. 29.

Walker, James D., Aurora, Ill., assignor to The American Well Works. Sewage treatment. 2,394,413; Feb. 5.

Walker, James D., assignor to The American Well Works, Aurora, Ill. Apparatus for treating sewage. 2,403,695; July 9.

Walker, Jay P., assignor of forty per cent to G. O. Marchant and six per cent to C. G. Wells, Tulsa, Okla. Combination heater and water knockout apparatus for treating oil well streams. 2,398,338; Apr. 9.

Walker, John M., Jr., Philadelphia, Pa., assignor to Selas Corporation of America. Method of and apparatus for separating immiscible fluids. 2,404,872; July 30.

Walker, Joseph F., Lewiston, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of polyhydroxy compounds. 2,400,724; May 21.

Walker, Joseph F., Lewiston, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Reaction products of nitriles and aldehydes. 2,409,086; Oct. 8.

Walker, Joseph F., Lewiston, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Reaction products of formaldehyde and sodium cyanamide. 2,411,396; Nov. 19.

Walker, Joseph F., Lewiston, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of sodium cyanamide-formaldehyde condensation product. 2,411,397; Nov. 19.

Walker, Kenneth J., Los Angeles, and C. E. Hawk, Glendale, assignors to Aerojet Engineering Corporation, Azusa, Calif. Filling nozzle valve. 2,401,124; May 28.

Walker Manufacturing Company, Inc., assignee: *See*—
Hollingsworth, Frank W., Jr.

Walker Manufacturing Company of Wisconsin, assignee: *See*—
Johnson, Benjamin F.

Walker, Nevilles E., Portland, Oreg. Electrically operated control. 2,406,873; Sept. 3.

Walker, Nevilles E., Portland, Oreg. Retractable control element for toy airplanes. 2,406,874; Sept. 3.

Walker, Nevilles E., Portland, Oreg. Distant control. 2,409,168; Oct. 8.

Walker, O. S., Company, Inc., assignee: *See*—
Carson, George J.

Walker, Richard A., St. Joseph, Mo. Pivotal mounting for damper plates. 2,405,770; Aug. 13.

Walker, Victor, Fort Erie, Ontario, Canada, assignor to AlnCin, Inc., Buffalo, N. Y. Method and apparatus for shaping optical objects and the like. 2,395,700; Feb. 26.

Walker, William.: *See*—
Dreyfus, Henry, Walker, and Rooney.

Walker, William H., Sarasota, Fla. Ladder jack. 2,392,347; Jan. 8.

Walklet, Mercer D., assignor to The Hamlin Metal Products Company, Akron, Ohio. Machine for making rifling rings or the like. 2,412,930; Dec. 17.

Wall, Albert F., assignee: *See*—
Strickland, Elwin M.

Wall, Alexander, Indianapolis, Ind., assignor to General Electric Company. Multicircuit connector. 2,409,004; Oct. 8.

Wall, Alexander C., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Spark plug test bomb. 2,401,533; June 4.

Wall, Byron T., assignor to Man-Sew Corp., New York, N. Y. Threading needles. 2,413,014; Dec. 24.

Wall, Harold M., Houston, Tex. Conditioning boiler feed water. 2,393,079; Jan. 15.

Wall, Monroe E., Oreland, and E. G. Kelley, Whitemarsh, Pa., assignors to United States of America as represented by the Secretary of Agriculture. Purification of carotene. 2,394,278; Feb. 5.

Wall Wire Products Company, assignee: *See*—
Heilman, Ross V.

Wallace, Charles F., Westfield, assignor to Wallace & Tiernan Products, Inc., Belleville, N. J. Detection of the chemical condition of materials. 2,396,934; Mar. 19.

Wallace, David A., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Smoothing apparatus. 2,393,207; Jan. 15.

Wallace, David A., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Tube forming apparatus and method. 2,400,055; May 7.

Wallace, David A., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Coupling unit. 2,404,329; July 16.

Wallace, David A., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Plastic molding. 2,411,398; Nov. 19.

Wallace, David A., and E. C. Lee, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Power transmission. 2,404,330; July 16.

Wallace, Edgar R., Gallipolis, Ohio. Distributing hay in barns. 2,397,894; Apr. 2.

Wallace, Edward E., Cleveland Heights, Ohio. Airplane. 2,392,439; Jan. 8.

Wallace, Edward E., Cleveland Heights, Ohio. Combined wheel mounting and brake therefor. 2,410,470; Nov. 5.

Wallace, Frank C., North Hollywood, Calif. Grinder wheel dressing attachment. 2,401,594; June 4.

Wallace, Frank C., North Hollywood, assignor to H. H. Heibush, Los Angeles, Calif. Clamp operating tool. 2,403,623; July 9.

Wallace, Frank C., assignor to H. H. Heibush, Los Angeles, Calif. Lock nut. 2,393,436; Jan. 22.

Wallace, Fred C.: *See*—
Langstroth, Hall, and Wallace.

Wallace, Glenn V., Jr.: *See*—
Mott, Chester, and Wallace.

Wallace, James M.: *See*—
Rawlins, Herbert L., and Wallace.

Wallace, James M., Jr.: *See*—
Cox, Fred W., and Wallace.

Wallace, James M., Braddock, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit interrupter. 2,404,999; July 30.

Wallace, Joseph S.: *See*—
Rogers, Thomas H., and Wallace.

Wallace, Joseph S., Hammond, Ind., and T. E. Sharp, assignors to Standard Oil Company, Chicago, Ill. Stable sulphurized oils and preparing same. 2,392,891; Jan. 15.

Wallace, Philip B., San Francisco, Calif. Water heating and steam generating unit. 2,401,848; June 11.

Wallace, Robert L., Jr.: *See*—
Wiener, Francis M., and Wallace.

Wallace, Stanley: *See*—
Morgan, Frank M., and Wallace.

Wallace & Tiernan Products, Inc., assignee: *See*—
Salmon, Miner R., and Rubin.
Wallace, Charles F.
Wyss, Orville, Ludwig, and Rubin.

Wallace, Vard B., Monrovia, assignor to Vard, Inc., Pasadena, Calif. Drafting machine. 2,394,344; Feb. 5.

Wallach, George, Chapman Camp, British Columbia, Canada. Power transmission apparatus. 2,410,137; Oct. 29.

Wallach, Robert S., Madison, N. J., assignor to Associated Development & Research Corporation, New York, N. Y. Typewriting machine. 2,398,457; Apr. 16.

Wallach, Roger N., Briarcliff Manor, N. Y., assignor, by mesne assignments, to American Viscose Corporation, Wilmington, Del. Container closure. 2,411,012; Nov. 12.

Wallbanks, William H.: *See*—
Leather, George B., and Wallbanks.

Wallen, Loran O., Menomonee Falls, assignor, by mesne assignments, to Hydro Mfg. Co. Inc., Milwaukee, Wis. Pump. 2,393,847; Jan. 29.

Waller, Cecil, R. B. Collins, and E. C. Dodd, assignors to Ilford Limited, Ilford, England. Photographic materials. 2,399,083; Apr. 23.

Waller, Fred, Huntington, assignor to Vitarama Corporation, Long Island City, N. Y. Motion-picture projector. 2,397,713; Apr. 2.

Waller, Fred, Huntington, N. Y., and W. R. Dresser, Long Hill, Conn. Method and apparatus for projecting motion pictures. 2,392,440; Jan. 8.

Waller, Fred, Huntington, N. Y., and W. R. Dresser, Long Hill, and H. M. Baker, Essex, Conn., assignors to The Vitarama Corporation, New York, N. Y. Gunnery training. 2,406,574; Aug. 27.

Waller, Fred, Huntington, and W. R. Dresser, Long Hill, Conn., assignors to The Vitarama Corporation, Huntington Station, N. Y. Projecting motion pictures. 2,413,269; Dec. 24.

Waller, George A., Mount Vernon, N. Y. Overload clutch. 2,401,992; June 11.

Waller, Thomas S.: *See*—
Croft, Cyril M., and Waller.

Wallerstein, James S., New York, N. Y., E. Farber, New Haven, Conn., and V. Dayton, New York, N. Y., assignors to The Overly Bio-Chemical Research Foundation, Inc., New York, N. Y. Recovering glycerol from fermented liquors. 2,400,859; May 21.

Wallerstein, Leon, Jr., assignor to Lord Manufacturing Company, Erie, Pa. Flexible coupling. 2,406,875; Sept. 3.

Walley, Herbert H., Jr., Newton, Mass., assignor to Stevenson Engineering Corporation. Sealing unit. 2,393,944; Jan. 29.

Walley, Herbert H., Jr., Providence, R. I. Relief valve. 2,406,178; Aug. 20.

Walley, Herbert H., Jr., and A. W. Keema, Providence, R. I., assignors to Merit Engineering, Inc. Spring tester. 2,407,591; Sept. 10.

Walley, Omar C., Lima, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Generator control means. 2,399,400; Apr. 30.

Wallgren, August G. F., assignor to Aktiebolaget Bolinder-Munktell, Eskilstuna, Sweden. Oil filter. 2,392,348; Jan. 8.

Wallgren, August G. F., assignor to Aktiebolaget Bolinder-Munktell, Eskilstuna, Sweden. Gear wheel pump. 2,407,753; Sept. 17.

Wallhausen, Clarence W., Morristown, N. J., assignor to United States Radium Corporation, New York, N. Y. Radioactive apparatus. 2,403,316; July 2.

Walling, Clyde E., Cleveland, Ohio. V-block fixture. 2,396,450; Mar. 12.

Wallingford, Vernon H., Ferguson, and A. H. Homeyer, assignors to Mallinckrodt Chemical Works, St. Louis, Mo. Carbalkoxylation of organic compounds. 2,407,942; Sept. 17.

Wallis, Charles E., assignor to Wheeling Steel Corporation, Wheeling, W. Va. Orchard or like heater. 2,398,168; Apr. 9.

Walls, Eric C.: *See*—
Cowley, Percy E. A., and Walls.

Walls, Leslie P., Teddington, assignor to The Imperial Trust for the Encouragement of Scientific and Industrial Research, Westminster, England. Phenanthridine derivatives. 2,397,391; Mar. 26.

Walmesley, Robert A., Dalry, and W. R. Davis, Stevenston, Scotland, assignors to Imperial Chemical Industries, Limited. Recovery of butylene glycol from carbohydrate fermentation mashes. 2,397,065; Mar. 19.

Walper, Curry O., Kitchener, Ontario, Canada. Footwear. 2,395,597; Feb. 26.

Walpole, Alfred R., Chicago, Ill., assignor to American Brake Shoe Company, New York, N. Y. Apparatus for finishing forgings. 2,411,399; Nov. 19.

Walsh, Allen A., West Englewood, N. J., and W. C. Resides, New York, N. Y., assignors to Radio Corporation of America. Keying monitor. 2,394,573; Feb. 12.

Walsh, Bruce R., Wilkinsburg, and G. S. Peterson, Penn Township, Allegheny County, Pa., assignors, by mesne assignments, to Wright Aeronautical Corporation, Paterson, N. J. Method and apparatus for measuring air entrainment. 2,406,179; Aug. 20.

Walsh, Carroll H., Pine Bluff, Ark. Tank-wall temperature indicator. 2,396,480; Mar. 12.

Walsh, David C., Jr.: *See*—
Camp, Elza Q., and Walsh.

Walsh, David C., Jr., and E. Q. Camp, Goose Creek, Tex., assignors to Standard Oil Development Company. Treatment of hydrocarbons. 2,397,224; Mar. 26.

Walsh, David C., Jr., and E. Q. Camp, Goose Creek, Tex., assignors to Standard Oil Development Company. Preventing the corrosion of distillation equipment. 2,408,011; Sept. 24.

Walsh, Francis J., assignee et al.: *See*—
Tiffany, Frank E.

Walsh, James L.: *See*—
Watson, Arthur K., Lewis, and Walsh.

Walsh, John J., Des Peres, assignor to C. D. P. Hamilton, Jr., C. D. P. Hamilton, III, E. R. Hamilton, F. R. Hamilton, A. J. Scheu, and J. J. Walsh, a partnership doing business under the trade name Penaljo Company, St. Louis, Mo. Making shoes. 2,399,410; Apr. 30.

Walsh, John J., Des Peres, assignor to C. D. P., Jr., C. D. P., III, E. R., and F. R. Hamilton, and A. J. Scheu and J. J. Walsh, a partnership doing business under the trade-name, Penaljo Company, St. Louis, Mo. Shoe and making the same. 2,404,150; July 16.

Walsh, John J., Des Peres, assignor to Penaljo Company, St. Louis, Mo. Making slip lasted shoes. 2,406,975; Sept. 3.

Walsh, Thomas E.: *See*—
McCann, Alexander C., and Walsh.

Walsh, Thomas J.: *See*—
Burk, Robert E., and Walsh.
Scovill, Warner E., and Walsh.
Walsh, William E.: *See*—
Anderson, Rexford O., and Walsh.
Walsh, William L.: *See*—
Von Glahn, William H., and Walsh.
Walstrom, John E., assignor to Schlumberger Well Surveying Corporation, Houston, Tex. Acoustic logging. 2,394,935; Mar. 19.
Walstrom, John E., assignor to Schlumberger Well Surveying Corporation, Houston, Tex. Locating permeable formation traversed by boreholes. 2,401,280; May 28.
Walter, Carl W., Newton, Mass. Forceps. 2,397,823; Apr. 2.
Walter, Charles T., and L. R. Newton, assignors to Industrial Patents Corporation, Chicago, Ill. Banding machine. 2,400,724; Oct. 22.
Walter, Gordon E.: *See*—
Leigh, Henry H., and Walter.
Walter, Henry E.: *See*—
Heritage, Clark C., and Walter.
Walter, John M., assignor to G. A. Gray Company, Cincinnati, Ohio. Machine tool table drive. 2,396,139; Mar. 5.
Walter, Zachary T., Los Angeles, Calif. Plastic product and forming same. 2,393,427; Jan. 22.
Walter, Zachary T., Los Angeles, Calif. Mold and forming plastics thereon. 2,408,245; Sept. 24.
Walter, Zachary T., Los Angeles, Calif. Aerial cargo landing container. 2,408,246; Sept. 24.
Walters, Charles, Johnston, assignor to G. W. Booth, Providence, R. I. Apparatus for forming cutting edges on cutting tools. 2,396,904; Mar. 19.
Walters, Ernest L., San Francisco, Calif., assignor to Shell Development Company, San Francisco, Calif. Gasoline. 2,395,382; Feb. 19.
Walters, Ernest L., assignor to Shell Development Company, San Francisco, Calif. Gasoline. 2,410,846; Nov. 12.
Walters, Ernest L., San Francisco, Calif., assignor to Shell Development Company. Stabilized aromatic amines. 2,411,307; Nov. 19.
Walters, Ernest L., East Alton, Ill., assignor to Shell Development Company, San Francisco, Calif. Stabilization of gasoline and of addition agents therefor. 2,410,847; Nov. 12.
Walters, George, New York, N. Y. Camping kit. 2,397,225; Mar. 26.
Walters, Lewis, New York, N. Y. Tape dispensing machine. 2,406,418; Aug. 27.
Walters, William D., Garden Villas, Tex., assignor to Emsco Derrick & Equipment Company, Los Angeles, Calif. Working platform arrangement for portable derricks. 2,412,050; Dec. 3.
Waltke, Edwin H., Los Angeles, Calif. Multiple barrel machine gun. 2,410,848; Nov. 12.
Waltman, Chauncey E., Chicago, Ill., assignor to NuTone, Incorporated, New York, N. Y. Power unit for electric chimes. 2,408,712; Oct. 1.
Walton, George H., Helsby, near Warrington, J. C. Quayle, Helsby, and P. Jones, Kelsall, near Chester, assignors to British Insulated Cables Limited, Prescot, Lancashire, England. Machine for compressing and heating electrically thermoplastic materials. 2,401,991; June 11.
Walton, George H., Helsby, near Warrington, J. C. Quayle, Helsby, and P. Jones, Kelsall, near Chester, assignors to British Insulated Cables Limited, Prescot, England. Machine for covering wires with insulating materials. 2,407,354; Sept. 10.
Walton, George W., Farnham Common, England. Prime mover. 2,410,538; Nov. 5.
Walton, William T., and J. W. Eysenbach, Chicago, Ill., assignors to The Sherwin-Williams Company, Cleveland, Ohio. Coating compositions and manufacture. 2,394,925; Mar. 5.
Walts, Fred B., assignor of fifty-one one-hundredths to C. S. Watkins, and forty-nine one-hundredths to G. H. Brown, Los Angeles, Calif. Spring hinge. 2,413,475; Dec. 31.
Waltz, Homer B., Canton, Ohio. Platform scaffold. 2,394,221; Feb. 5.
Walworth Patents, Inc., assignee: *See*—
McCarthy, Harry.
Walz, Claude W., and R. D. Griff, Rock Island, assignors to Deere & Company, Moline, Ill. Beet loader. 2,400,976; Sept. 3.
Wampler, Ivan W., Cambridge City, Ind., and **Q. P. Merkins, Arnoldsburg, W. Va.** Trapper's stake. 2,404,180; Aug. 20.
Wampler, Herbert L., Burlingame, Calif., assignor to Commercial Solventa Corporation, Terre Haute, Ind. Reaction product of oxazolines. 2,402,791; June 25.
Wanamaker, Elmer M., Knoxville, Tenn., R. H. Cromwell, East Orange, N. J., and H. L. Chamberlain, assignors to Electro Manganese Corporation, Knoxville, Tenn. Manganese ore reduction treatment. 2,397,824; Apr. 2.
Wanasek, Anthony R., assignee: *See*—
Bagan, John P.
Wanasek, Louis J., Burlington, Wis. Metal-bending machine. 2,401,031; May 28.
Wanezek, Anthony R., assignee: *See*—
Bagan, John P.
Wang, Chao C., Montclair, N. J., assignor to **Westinghouse** Electric Corporation, East Pittsburgh, Pa. Ultra high frequency power measurement. 2,398,606; Apr. 16.
Wang, Ta-Hang: *See*—
Bastick, Raymond E., Hampton, and Wang.
War, United States of America, as represented by the Secretary of, assignee: *See*—
Arenstein, Gilbert H.
Borgelt, Elmer H.
Broderson, Neil O.
Bryant, Eugene E.
Chu, Lan J.
Cole, Eugene, and McCoy.
Colman, George E.
Combs, Edward E.
Ekserdjian, Carolus L.
Farr, Warren H.
Farr, William W.
Freres, Robert N.
Gallagher, Thomas F., and Long.
Gardner, Irvine C.
Geohegan, William A., and Phipps.
Gorham, John E., and Frevert.
Hart, Fred V., and Linderoth.
Langner, Lawrence.
McLean, William B.
McPheters, Leonard L.
Meyer, Otto, and Stein.
Minshall, Robert J., Laudan, and Emery.
Pavlic, Albert A., and Peppel.
Persson, Per O., and Spohr.
Roberts, Shepard.
Russell, Elwyn S.
Selfried, Eugen.
Shirlo, Morris A.
Shirlo, Morris A., and Hindin.
Skurnick, Sam.
Stodola, Edwin K.
Volkmann, John.
Volsk, Nicholas T.
Woodberry, John H., Storm, Barker, Miles, Brayton, and Seavey.
Zavarella, Arthur, and McPheters.
Waranch, Theodore, assignor to The Comfy Manufacturing Company, Baltimore, Md. Slip cover. 2,411,915; Dec. 3.
Warburton, Frank D., Southgate, Calif. Timing checking device. 2,413,126; Dec. 24.
Ward, Alfred H.: *See*—
Mauger, Arthur J., and Ward.
Ward, Alger L., Drexel Hill, Pa., assignor to **The United** Gas Improvement Company. Recovery of valuable hydrocarbons. 2,397,580; Apr. 2.
Ward, Arthur L.: *See*—
Wright, David C., and Ward.
Ward, Clemson H., Baltimore, Md., assignor to Bethlehem Steel Company. Electrogalvanizing. 2,399,964; May 7.
Ward, D. L., Company, assignee: *See*—
Taber, Philip, and Van Dusen.
Ward, Edward G., Glendale, assignor to Lockheed Aircraft Corporation, Burbank, Calif. Retractable landing gear. 2,392,892; Jan. 15.
Ward, Francis, Rushden, England. Heel for boots and shoes. 2,406,274; Aug. 20.
Ward, George C.: *See*—
Seymour, George W., and Ward.
Ward, George C., and B. T. Pull, Cumberland, Md., assignors to Celanese Corporation of America. Inhibiting treatment. 2,409,325; Oct. 15.
Ward, Hugh J.: *See*—
Bowsher, E. A. H., d'Assis-Fonseca, and Ward.
D'Assis-Fonseca, Harold M. M., and Ward.
Ward, Lawrence T., Newark, N. J., assignor to Knapp-Monarch Company, St. Louis, Mo. Pressure-vacuum apparatus. 2,401,849; June 11.
Ward, Leonard Electric Company, assignee: *See*—
Bullinger, Frederic H.
Ganci, Charles J.
Hysler, John F.
Logan, Frank G.
Ward, Loyd A., Detroit, and **E. D. Taylor, Jackson**, assignors to Tomkins-Johnson Company, Jackson, Mich. Movable anvil riveting machine. 2,413,270; Dec. 24.
Ward, Raymond R., Brecksville, Ohio. Attachment for coat hangers. 2,398,873; Apr. 23.
Ward, Richard A., Cleveland, assignor to R. C. Switzer, South Euclid, and J. L. Switzer, Cleveland Heights, Ohio. Method and compositions for locating surface discontinuities. 2,405,078; July 30.
Ward, Virgenious, Sikeston, Mo. Railway gate or stock guard. 2,401,804; June 11.
Ward, Wilbert H.: *See*—
King, William N., Romanchuk, and Ward.
Wardwell Braiding Machine Company, assignee: *See*—
Bardsley, Willard W.
Ware, Harris O., Kalamazoo, Mich., assignor to Hercules Powder Company, Wilmington, Del. Laminated fibrous sheet material. 2,401,675; June 4.
Ware, Hiram C., Rochester, assignor, by mesne assignments, of one-fourth to C. H. Scheel, Beaver, Pa. Auxiliary carburetor. 2,399,841; May 7.

Ware, Lamar M., H. Harris, and W. A. Johnson, assignors to Alabama Polytechnic Institute, Auburn, Ala. Sweet potato products and making. 2,401,392; June 4.
Ware, Lucia W., Omaha, Nebr. Baby harness. 2,413,395; Dec. 31.
Ware, Marsden, Huntington Woods, assignor to Packard Motor Car Company, Detroit, Mich. Multiple driving unit. 2,392,015; Jan. 1.
Ware, Marsden, Huntington Woods, assignor to Packard Motor Car Company, Detroit, Mich. Internal-combustion engine. 2,395,948; Mar. 5.
Ware, Marsden, Huntington Woods, assignor to Packard Motor Car Company, Detroit, Mich. Internal-combustion engine. 2,406,446; Aug. 27.
Ware, Marsden, Huntington Woods, assignor to Packard Motor Car Company, Detroit, Mich. Drive mechanism. 2,410,358; Nov. 5.
Ware, William C.: *See*—
Holberg, Arnold J., Ware, and Wilch.
Warfield, Charles H., assignee, as trustee: *See*—
Fisher, Bernard C.
Warfield, Charles H., et al., trustees, assignee: *See*—
Fisher, Bernard C.
Warfield, Frederick P., assignee, as trustee: *See*—
Fisher, Bernard C.
Warfield, Frederick P., et al., trustees, assignee: *See*—
Fisher, Bernard C.
Wargo, Stephen, Streator, Ill. Garbage can holder. 2,409,329; Oct. 15.
Waring, Robert K., Palmerton, Pa., assignor to The New Jersey Zinc Company, New York, N. Y. Charge preparation. 2,393,080; Jan. 15.
Wark, Robert: *See*—
Whitworth, Edward, Thomson, and Wark.
Warkentin, Theodore N., San Francisco, Calif. Hose reeler. 2,396,451; Mar. 12.
Warmisham, Arthur, assignor to **Taylor, Taylor & Hobson** Limited, Leicester, England. Optical objective. 2,398,680; Apr. 16.
Warmisham, Arthur, and **C. G. Wynne, Leicester, England.** Optical objective. 2,397,714; Apr. 2.
Warmisham, Arthur, and **C. G. Wynne**, assignors to **Taylor, Taylor & Hobson**, Limited, Leicester, England. Optical objective. 2,413,476; Dec. 31.
Warner Brothers Pictures, Inc., assignee: *See*—
Tondreau, Albert W., and McGreal.
Warner, Charles E.: *See*—
McJean, Jacques G., and Daninos.
Warner, Charles S., Wilmington, Del. Gauge. 2,402,715; June 25.
Warner, Donald F., Swampscott, Mass., assignor to General Electric Company. Barometric fuel valve. 2,408,836; Oct. 8.
Warner, Donald F., and **E. L. Auyer, Swampscot, Mass.**, assignors to General Electric Company. Cabin supercharging means having automatic pressure and temperature control means. 2,412,071; Dec. 3.
Warner Electric Brake Manufacturing Company, assignee: *See*—
Oetzel, John G.
Warner, Douglas K., Sarasota, Fla. Internal-combustion engine. 2,410,471; Nov. 5.
Warner, Harry C., San Francisco, Calif. Electrical sound reproducing apparatus. 2,403,696; July 9.
Warner, Lionel W.: *See*—
Manderstam, Leopold H., and Warner.
Warner, Otto P., Lakewood, Ohio. Separator. 2,399,842; May 7.
Warner & Swasey Company, The, assignee: *See*—
Bogart, Fred H.
Clark, Robert H.
Warner, Wilbur W., Fort Wayne, Ind., assignor to General Electric Company. Quick reversing capacitor motor. 2,407,117; Sept. 3.
Warner, William R., & Co., Inc., assignee: *See*—
Kastning, Ernest H.
Warnke, Herbert R., assignor to United States Instrument Corporation, East Orange, N. J. Rotary selector switch. 2,411,013; Nov. 12.
Warnke, Herbert R., assignor to United States Instrument Corporation, East Orange, N. J. Terminal block. 2,411,014; Nov. 12.
Warren, Charles P., Milwaukee, and **K. F. Kuehn, Wauwatosa**, assignors, by mesne assignments, to Hydraulic Impact Tool Company, Milwaukee, Wis. Pump unit for impact tool. 2,397,174; Mar. 26.
Warren, Edwin G., Hayward, Calif. Apparatus for the transportation of dry bulk materials. 2,396,355; Mar. 12.
Warren Featherbone Co., The, assignee: *See*—
Haman, Howard H., and Whalen.
Warren, George B., Los Angeles, Calif. Animal trap. 2,394,032; Feb. 5.
Warren, Glenn B., Schenectady, N. Y., assignor to General Electric Company. Bladed body. 2,394,124; Feb. 5.
Warren, Glenn B., Schenectady, N. Y., assignor to General Electric Company. Tandem compound elastic fluid turbine arrangement. 2,394,125; Feb. 5.
Warren, Glenn B., Niskayuna, N. Y., assignor to General Electric Company. Ship propulsion turbine arrangement 2,397,173; Mar. 26.
Warren, Glenn B., Schenectady, N. Y., assignor to General Electric Company. Turbine-generator. 2,412,848; Dec. 17.
Warren, Marie E., assignee, by decree of court: *See*—
Benton, Dudley C.
Warren, Richard F., Jr., Stratford, Conn. Rope. 2,399,157; Apr. 23.
Warren, Richard F., Jr., Stratford, Conn. Nut lock. 2,399,526; Apr. 30.
Warren, Richard F., Jr., Stratford, Conn. Rope. 2,400,181; May 14.
Warren, Richard F., Jr., Stratford, Conn. Rope. 2,403,317; July 2.
Warren, S. D., Company, assignee: *See*—
Clark, John W.
Warrick, Earl L.: *See*—
McGregor, Rob R., and Warrick.
Warrick, Earl L., Pittsburgh, Pa., assignor to Corning Glass Works, Corning, N. Y. Organo-siloxanes and preparing them. 2,397,895; Apr. 2.
Warrick, Edward C.: *See*—
Cruzan, Harold, and Warrick.
Warrick, Edward C., Cincinnati, Ohio, and **H. Cruzan, Los Angeles, Calif.**, assignors to United Aircraft Products, Inc., Dayton, Ohio. Thermostatic surge valve. 2,400,615; May 21.
Warrick, Halsted R., West Englewood, N. J., assignor to The Texas Company, New York, N. Y. Isomerizing hydrocarbons. 2,402,858; June 25.
Warrick, Halsted R., West Englewood, N. J., assignor to The Texas Company, New York, N. Y. Catalytic treatment of hydrocarbons. 2,413,271; Dec. 24.
Warrington, Albert R. van C., Wallingford, Pa., assignor to General Electric Company. Switching arrangement for electric systems. 2,394,126; Feb. 5.
Warrington, Albert R. van C., Wallingford, Pa., assignor to General Electric Company. Supervision of electric systems. 2,405,079; July 30.
Warrington, Albert R. van C., Wallingford, Pa., assignor to General Electric Company. Relay protective arrangement. 2,405,080; July 30.
Warrington, Albert R. van C., Wallingford, Pa., assignor to General Electric Company. Relay arrangement for protecting electric power systems. 2,405,081; July 30.
Warrington, Albert R. van C., Wallingford, Pa., assignor to General Electric Company. Relay protective arrangement. 2,405,082; July 30.
Warrington, Albert R. van C., Wallingford, Pa., assignor to General Electric Company. Protective apparatus. 2,405,084; July 30.
Warrington, Albert R. van C., Wallingford, Pa., assignor to General Electric Company. Thermal protective device. 2,412,483; Dec. 10.
Warth, Albin H., and **I. F. Bulatkin**, assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Film-forming resinous lining for metal containers. 2,413,093; Dec. 24.
Wartha, Alfred J., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Transparent stencil sheet material. 2,393,668; Jan. 29.
Wartha, Alfred J., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Sandblast stencil. 2,410,472; Nov. 5.
Wasberg, Axel, assignor to Chicago Railway Equipment Company, Chicago, Ill. Railway car door and post structure. 2,404,554; July 23.
Waseige, Charles R., Saint Etienne, France; vested in the Alien Property Custodian. Driving joint for control devices for retractable members on board aircraft. 2,405,623; Aug. 13.
Waseige, Charles R., Rueil, France; vested in the Alien Property Custodian. Multidrive gear box. 2,410,849; Nov. 12.
Washam, William J., Harrisonburg, Va. Anchor. 2,404,151; July 16.
Washbond, Harry H., assignor to The Baker Manufacturing Company, Springfield, Ill. Bulldozer or scraper structure. 2,404,759; July 23.
Washbond, Harry H., assignor to The Baker Manufacturing Company, Springfield, Ill. Bulldozer or scraper structure. 2,404,760; July 23.
Washburn, Donald H.: *See*—
Reed, Eo, and Washburn.
Washburn, Frank, Battle Ground, Ind. Surface covering material. 2,411,308; Nov. 19.
Washburn, Harold W., and **H. Wiley**, assignors to Consolidated Engineering Corporation, Pasadena, Calif. Treating filaments of ionization gauges. 2,406,419; Aug. 27.
Washburn, Harold W., assignor to Consolidated Engineering Corporation, Pasadena, Calif. Mass spectrometry. 2,412,236; Dec. 10.
Washburn, Harold W., assignor to Consolidated Engineering Corporation, Pasadena, Calif. Mass spectrometry. 2,413,668; Dec. 31.
Washburn, Harold W., Pasadena, and **D. D. Taylor, Altadena**, assignors to Consolidated Engineering Corporation, Pasadena, Calif. Mass spectrometry. 2,412,237; Dec. 10.

Washburn, Selden G., Goodwin, S. Dak. Automatic implement lift for plows. 2,411,072; Nov. 12.
Washope, Wilfred C., Arlington County, Va. Rotor. 2,407,695; Sept. 17.
Washington Institute of Technology, Inc., assignee: *See*—
Davies, Gomer L.
Kear, Frank G.
Kibler, Paul J.
Washington Iron Works, assignee: *See*—
Carson, William L.
Wasiewicz, Bridget A.: *See*—
Mathes, Kenneth N., and Wasiewicz.
Wasilewski, Anthony A., Essex, Md. Automatic work-adjusting C clamp. 2,399,714; May 7.
Wassell, Frank A., Schenectady, N. Y., assignor to General Electric Company. Fusion welding. 2,405,542; Aug. 6.
Wassell, Frank L., assignor to G. P. Wassell, Westport, Conn. Production control board. 2,412,238; Dec. 10.
Wassell, Georgene P., assignee: *See*—
Wassell, Frank L.
Wassell, Helen E., Pittsburgh, Pa., assignor to Carbide and Carbon Chemicals Corporation. Stain removing composition. 2,393,865; Jan. 29.
Wassell, Helen E., Pittsburgh, Pa., assignor to Carbide and Carbon Chemicals Corporation. Metal tarnish remover. 2,393,866; Jan. 29.
Wassell, Helen E., Pittsburgh, Pa., assignor to Carbide and Carbon Chemicals Corporation. Polishes and making them. 2,395,025; Feb. 19.
Wassen, Kurt: *See*—
Stuart, Joseph, II, and Wassen.
Wasserlein, Henry G., Park Ridge, assignor to Phillips Control Corporation, Chicago, Ill. Shaded pole construction for solenoids. 2,410,320; Oct. 29.
Wasserman, Harold, New Haven, Conn. Eyelash curler. 2,393,848; Jan. 29.
Wasserman, Rene D., New York, N. Y. Protective covering for welding rods. 2,410,850; Nov. 12.
Wasson, Jones I., Union, and G. W. Duncan, Scotch Plains, N. J., assignors to Standard Oil Development Company. Corrosion resistant composition. 2,401,993; June 11.
Wasson, Jones I., Union, N. J., and W. M. Smith, Baton Rouge, La., assignors to Standard Oil Development Company. Preparing a lubricating oil solution of a condensed organic amino compound. 2,410,911; Nov. 12.
Wasson, Loerwood C., Wauwatosa, assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Semiautomatic turret lathe. 2,392,074; Jan. 1.
Waterbury Companies, Incorporated, assignee: *See*—
Magnenat, René P.
Riebold, Walter F., and Magnenat.
Waterbury Farrel Foundry & Machine Company, The, assignee: *See*—
Wilcox, Richard L.
Waterbury, Neil M., and R. C. Tittel, Alton, Ill., assignors to Owens-Illinois Glass Company. Mold cooling apparatus. 2,402,475; June 18.
Waterbury Tool Company, The, assignee: *See*—
Ellis, Arthur L.
Rose, Edwin L., Tweedale, Thomas, and Frankland.
Thomas, William.
Thomas, William, and Tweedale.
Tweedale, Ralph L.
Waterfield, John F., Philadelphia, Pa. Gear cutting. 2,403,337; Aug. 6.
Waterfill, Robert W., Montclair, N. J., assignor to Buensod-Stacey, Incorporated, New York, N. Y. Mechanical refrigerating system. 2,394,953; Feb. 12.
Waterhouse, Clifford, assignee: *See*—
Luckett, James P.
Waterman, Arthur E., assignor to James Manufacturing Company, Fort Atkinson, Wis. Tower for drying parachutes. 2,406,724; Aug. 27.
Waterman, George W., Hyattsville, Md. Cam-action arc-oxygen underwater cutting torch. 2,396,307; Mar. 12.
Waterman, Logan C., Houston, Tex., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Purifying mineral oils. 2,412,791; Dec. 17.
Waterman, Russell R., Los Angeles, Calif. Boiler. 2,394,032; Mar. 5.
Waterman, Russell R., Lodi, Calif. Water feed system for boilers. 2,404,114; July 16.
Waterman Steamship Corporation, assignee: *See*—
Crocker, James A., Jr.
Waterman, Wendell W.: *See*—
Morphree, Eger V., and Green.
Waterman, Wendell W., Cranford, N. J., and P. T. Parker, Baton Rouge, La., assignors to Standard Oil Development Company. Coagulation of latices. 2,393,208; Jan. 15.
Waterman, Wendell W., and B. M. Vanderbilt, Cranford, N. J., assignors, by mesne assignments, to Jasco, Incorporated. Coagulating latices. 2,393,348; Jan. 22.
Waters, Andrew S., assignor of one-half to J. Shorter, Dallas, Tex. Crib attachment for bedsteads. 2,406,447; Aug. 27.
Waters, Daniel V.: *See*—
Berns, Gordon K., Pitt, and Waters.
Kamroff, Paul, Pitt, and Waters.
Reichelt, Lester O., and Waters.
Smith, Charles C., and Waters.
Waters, Harry F., New York, N. Y. Making fluid-tight bags. 2,392,206; Jan. 1.
Waters, Harry F., New York, N. Y. Making shallow baking plates of cellulose material. 2,407,118; Sept. 3.
Waters, Harry F., New York, N. Y. Manufacture of containers. 2,409,460; Oct. 15.
Waters, Harry F., New York, N. Y. Fluid-tight package. 2,410,998; Oct. 22.
Waters, Harry F., New York, N. Y. Reusable collapsible liquid carrying and dispensing container. 2,412,544; Dec. 10.
Waters, Harry F., New York, N. Y. Packaging. 2,412,546; Dec. 10.
Waters, Harry F., New York, N. Y. Crushproof reinforced paperboard package with liquid-tight liner and making same. 2,412,547; Dec. 10.
Waters, John L., Salem, assignor to Dallas Machine & Locomotive Works, Inc., Dallas, Oreg. Apparatus for preparing paving materials. 2,397,581; Apr. 2.
Wathen, Ernest L., Rocky River, assignor to The Strobridge Lithographing Company, Cincinnati, Ohio. Display device. 2,407,592; Sept. 10.
Watkins, Archibald F., Tyler, Tex. Means for laying brick. 2,395,438; Feb. 26.
Watkins, C. S., assignee, et al.: *See*—
Walts, Fred B.
Watkins, Charles H.: *See*—
Hill, Ralph M., and Watkins.
Watkins, Charles H., Cranford, N. J., assignor to Standard Oil Development Company. Chemical process. 2,407,390; Sept. 10.
Watkins, Clayton J., Forest City, N. C. Wrist watch band and protector. 2,408,244; Sept. 24.
Watkins, Ernest R.: *See*—
Shearer, William A., Shephard, and Watkins.
Watkins, Frank W., assignee: *See*—
Kubatzky, Otto.
Watkins, George B.: *See*—
Drake, John L., and Watkins.
Watkins, George B., Toledo, Ohio, and C. B. Schafer, Charleston, W. Va., assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Glass surfacing method and apparatus. 2,408,496; Oct. 1.
Watkins, Henry B., Worthington, assignor to The Kilgore Manufacturing Company, Tipp City, Ohio. Match package. 2,405,863; Aug. 13.
Watkins, Lawrence A., Hamilton, Ontario, Canada, assignor to Ditto, Incorporated, Chicago, Ill. Master set. 2,398,982; Apr. 23.
Watkins, Manley C., Norfolk, Va. Fuel injector. 2,400,965; May 28.
Watkins, Nathan F., York, Ala. Lumber or pipe carrying rig. 2,399,304; Apr. 30.
Watkins, Walter T., Jr., Elizabeth, N. J., assignor to Standard Oil Development Company. Lubricant. 2,394,954; Feb. 12.
Watrous, Ward W., Jr., Chatham, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Discharge device and cathode therefor. 2,396,807; Mar. 19.
Watson, Arthur K., New Canaan, Conn., W. L. Lewis, Binghamton, N. Y., and J. L. Walsh, Washington, D. C., assignors to International Business Machines Corporation, New York, N. Y. Mobile accounting device. 2,398,061; Apr. 9.
Watson, Carlisle V., assignor to H. G. Lumbard, Auburn, Maine. Sock lining. 2,413,534; Dec. 31.
Watson, Charles E.: *See*—
Berg, Bennie L., and Watson.
Watson, Claude W., Tuckahoe, assignor to The Texas Company, New York, N. Y. Dehydrogenation of alkenylcyclohexenes. 2,392,960; Jan. 15.
Watson, Claude W., Tuckahoe, assignor to The Texas Company, New York, N. Y. Hydrocarbon conversion process. 2,400,795; May 21.
Watson, Earl C.: *See*—
Wright, Ralph H., and Watson.
Watson, Edward F.: *See*—
Lang, Wilmarth Y., and Watson.
Watson, Edward F., Larchmont, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sound recording system. 2,405,246; Aug. 6.
Watson, Edwin, near Littleton, Colo. Hay stacking attachment for tractors. 2,407,593; Sept. 10.
Watson, Forrest J.: *See*—
Van Ess, Paul R., Watson, and Whitney.
Watson, Frank A., Chicago, Ill. Automotive vehicle. 2,410,557; Nov. 5.
Watson, Frederick K., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of shaped structures from proteins. 2,399,084; Apr. 23.
Watson, Frederick K., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of fibers from proteins. 2,403,251; July 2.
Watson, Glenn S.: *See*—
Tchorni, David L., and Watson.
Watson, Jack H.: *See*—
Rechton, George D., and Watson.
Watson, John E.: *See*—
Whiton, Louis C., Watson, and McBride.

Watson, John E., and L. C. Whiton, Westport, Conn., and C. B. McBride, assignors to Prat-Daniel Corporation, Port Chester, N. Y. Apparatus for cleaning air. 2,405,624; Aug. 13.
Watson, Robert E.: *See*—
Hewitt, Ellis E., and Watson.
Watson, Roger W.: *See*—
Loane, Clarence M., and Watson.
Watson, Roger W., Chicago, Ill., and J. W. Gaynor, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Viscous mineral oil compositions. 2,402,792; June 25.
Watson, Roland B., Peoria, Ill. Bottle carrier. 2,397,304; Mar. 26.
Watson, Thomas J., assignor to International Business Machines Corporation, New York, N. Y. Accounting machine. 2,407,196; Sept. 3.
Watson, William, Ilford, England. X-ray apparatus. 2,412,662; Dec. 17.
Watt Car & Wheel Company, The, assignee: *See*—
Graham, John E.
Watt, James A., and A. J. Perkins, Buffalo, N. Y., assignors to Curtiss-Wright Corporation. Corrugating die. 2,397,582; Apr. 2.
Wattebot, Louis E., Kingsbury, London, England, assignor to Solex Limited, London, England. Gauging apparatus. 2,392,016; Jan. 1.
Watter, Michael, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Aircraft structure. 2,392,788; Jan. 8.
Watter, Michael, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Skid floor. 2,392,789; Jan. 8.
Watter, Michael, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Joint construction. 2,393,081; Jan. 15.
Watter, Michael, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Aircraft structure. 2,395,205; Feb. 19.
Watter, Michael, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Aircraft structure. 2,396,625; Mar. 12.
Watter, Michael, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Fabricated structure. 2,397,450; Mar. 26.
Watter, Michael, assignor to Edward G. Budd Manufacturing Co., Philadelphia, Pa. Aircraft control surface structure and assembly of same. 2,403,568; July 9.
Watter, Michael, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Fabricated metal structure. 2,403,569; July 9.
Watter, Michael, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Strut element and joint. 2,405,917; Aug. 13.
Watter, Michael, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Airplane construction. 2,405,918; Aug. 13.
Watter, Michael, Philadelphia, Pa., assignor to The Budd Company. Air speed indicator. 2,411,484; Nov. 19.
Watters, Donald W., Mount Pleasant, assignor to The Dow Chemical Company, Midland, Mich. Deep-drawing magnesium-base alloy sheet. 2,396,218; Mar. 5.
Watts, Chester B., Jr., East Orange, N. J., assignor to Federal Telephone and Radio Corporation. Instrument navigation system. 2,406,876; Sept. 3.
Watts, Chester B., Jr., East Orange, N. J., assignor to Federal Telephone and Radio Corporation. Coupling circuit. 2,411,564; Nov. 26.
Watts, Donald E., Schenectady, and P. C. Gardiner, Scotia, N. Y., assignors to General Electric Company. Signal apparatus. 2,400,796; May 21.
Watts, Euclid V., South Pasadena, Calif., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Gas anchor. 2,398,339; Apr. 9.
Watts, Raymond, assignor to American Steel Foundries, Chicago, Ill. Brake rotor. 2,407,197; Sept. 3.
Watts, Sidney S., Southgate, London, N. 14, assignor to The British Oxygen Company Limited, London, England. Apparatus for dividing or desurfacing metal by use of oxidising sets. 2,408,588; Oct. 1.
Watts, Vilas E., assignor to American Bitumuls Company, San Francisco, Calif. Coating aggregate with bituminous emulsions. 2,412,545; Dec. 10.
Watts, Vilas E., and P. E. McCoy, assignors to American Bitumuls Company, San Francisco, Calif. Mastic compositions. 2,399,411; Apr. 30.
Watts, William S., Detroit, Mich., assignor to Aircraft-Marine Products, Inc., Elizabeth, N. J. Electrical connector. 2,410,321; Oct. 29.
Waugh, George P., and W. O. Kenyon, assignors to Eastman Kodak Company, Rochester, N. Y. Wettable coating for vinylite sheeting. 2,412,699; Dec. 17.
Waugh, Paul E.: *See*—
Oberly, Chester C., and Waugh.
Wauregan Mills Incorporated, assignee: *See*—
Crossley, Arthur.
Wauson, Horace C., and W. E. Bennett, Jr., assignors of three-fourths to Gulf Publishing Company, Houston, Tex., and one-fourth to said Bennett, Jr. Duplex rail assembling elevator. 2,401,125; May 28.
Way, Stewart, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Propulsion apparatus. 2,405,723; Aug. 13.
Wayne Pump Company, The, assignee: *See*—
Jauch, Robert J., Hinds, and Sturm.
Wayne, Truman B., Houston, Tex. Treatment of mud-laden drilling fluids. 2,393,273; Jan. 22.
Wayne, William T., assignor to Scripto Manufacturing Company, Atlanta, Ga. Container and display box. 2,410,615; Nov. 5.
Weagant, Roy A., Douglaston, N. Y., assignor to Radio Corporation of America. Multiplex transmission system. 2,413,396; Dec. 31.
Weagle, Lawrence T., Oakmont, Pa., assignor to Radio Corporation of America. Luminescent marking material. 2,396,219; Mar. 5.
Weakley, John F., assignor to Carter Carburetor Corporation, St. Louis, Mo. Carburetor throttle control. 2,412,021; Dec. 3.
Weaner, Walter C., Muncie, Ind. Power coupling means. 2,408,497; Oct. 1.
Wearn, Richard B., and G. N. Jarman, U. S. Army. Purification of acetylene by means of arsenic trichloride. 2,407,332; Sept. 10.
Weatherhead, Albert J., Jr., Shaker Heights, assignor to The Weatherhead Company, Cleveland, Ohio. Stem attaching globe valves. 2,405,476; Aug. 6.
Weatherhead Company, The, assignee: *See*—
Stecher, Henry D., and Paquin.
Weatherhead, Albert J., Jr.
Weatherly, William G., Colfax, Wash. Engine starting apparatus. 2,404,419; July 23.
Weatherwax, A. Earle, assignee: *See*—
Seifert, Frederick E.
Weaver, Alexander E.: *See*—
Lindsay, Charles H., and Weaver.
Weaver Associates Corporation, assignee: *See*—
Burgess, William S.
Weaver, Joseph B., and Burgess.
Weaver, Burr S.: *See*—
Garr, Donald E., and Weaver.
Weaver, Fleming R.: *See*—
Goddard, Rupert, and Weaver.
Weaver, Fleming R., Baltimore, Md. Manually operated breech-loading rapid-fire gun. 2,397,572; Apr. 2.
Weaver, George N., Detroit, Mich. Radius and angle dresser. 2,395,598; Feb. 26.
Weaver, Jay: *See*—
Callahan, Thomas L., and Weaver.
Weaver, Jerald D., San Gabriel, Calif., assignor to Farnsworth Television and Radio Corporation. Hydraulic record changer mechanism. 2,395,026; Feb. 19.
Weaver, John A., Santa Monica, Calif. Gauge for spherical containers. 2,405,247; Aug. 6.
Weaver, Joseph B., and W. S. Burgess, assignors to Weaver Associates Corporation, Washington, D. C. Hull form. 2,401,126; May 28.
Weaver, Lorne W., Pontiac, Mich. Decoration support. 2,406,725; Aug. 27.
Weaver Manufacturing Company, assignee: *See*—
Phelps, Clyde H.
Ross, William A.
Weaver, Newton M., assignee: *See*—
Wintsch, Max T.
Weaver, Welcome L.: *See*—
Simons, John K., and Weaver.
Webb, David Locke, Buffalo, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Apparatus. 2,392,349; Jan. 8.
Webb, Ernest C., Cleveland, Ohio. Fly ash removal system. 2,400,797; May 21.
Webb, Frederick J., Passaic, assignor to Ridbo Laboratories, Inc., Paterson, N. J. Process for preparing stable rosin esters. 2,409,173; Oct. 8.
Webb, George, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Feeding mechanism for automatic firearms. 2,409,461; Oct. 15.
Webb, George L., assignor to R-B-M Manufacturing Company, Logansport, Ind. Cutout relay. 2,412,792; Dec. 17.
Webb, Glenn M., and M. A. Smith, assignors to Universal Oil Products Company, Chicago, Ill. Manufacture of catalysts. 2,406,646; Aug. 27.
Webb, Glenn M., and M. A. Smith, Riverside, assignors to Universal Oil Products Company, Chicago, Ill. Manufacture of catalysts. 2,410,558; Nov. 5.
Webb, Harold E., Burbank, Calif., assignor to Adel Precision Products Corp. Line grounding clip. 2,395,926; Mar. 5.
Webb, Herbert J.: *See*—
Baker, Benjamin P., and Webb.
Webb, Herbert J., Forest Hills, assignor to Westinghouse Electric Corporation, Pittsburgh, Pa. Circuit interrupter. 2,399,412; Apr. 30.
Webb, Jervis B., Bloomfield Hills, and A. G. Rose, assignors to Jervis B. Webb Company, Detroit, Mich. Multiple drive conveyer and the like. 2,395,599; Feb. 26.
Webb, Jervis B. and J. C., Bloomfield Hills, assignors to Jervis B. Webb Company, Detroit, Mich. Bracket for overhead trolley chain conveyers. 2,398,062; Apr. 9.
Webb, Jervis B., Company, assignee: *See*—
Webb, Jervis B. and J. C.
Webb, Jervis B., and Rose.
Webb, Jervis C.: *See*—
Webb, Jervis B. and J. C.

Webb, John K., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Electrical transformer and coil. 2,392,790; Jan. 8.

Webb, Julian H., assignor to Eastman Kodak Company, Rochester, N. Y. Apparatus for molding lenses. 2,410,616; Nov. 5.

Webb, Oscar H., New York, N. Y. Composite structure. 2,401,281; May 28.

Webb, Richard C., Lafayette, assignor to Purdue Research Foundation, West Lafayette, Ind. Electrical circuits. 2,411,605; Nov. 26.

Webb, Samuel: *See*—
Nesbitt, Andrew B., and Webb.

Webb, Wesley L.: *See*—
Taylor, Robert J., and Webb.

Webb, Wesley L., Glen Moore, Pa., assignor to American Viscose Corporation, Wilmington, Del. Extrusion device. 2,408,713; Oct. 1.

Webber, Carl B., Winston-Salem, N. C. Support for glass washing machines. 2,402,859; June 25.

Webber, George D., Lakewood, Ohio. Gauge. 2,409,817; Oct. 22.

Webber, William O., Baytown, Tex., assignor to Standard Oil Development Company. Catalytic isomerization process. 2,392,791; Jan. 8.

Webber, William O., Baytown, Tex., assignor to Standard Oil Development Company. Treating emulsions. 2,409,005; Oct. 8.

Weber, Arthur G.: *See*—
Peterson, Merlin D., and Weber.

Weber, Arthur G., and C. H. Hamblet, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of organic salts. 2,395,307; Feb. 19.

Weber, Bruce T.: *See*—
Lovell, C. A., Parkinson, Swartzel, and Weber.
Lovell, Clarence A., Parkinson, and Weber.

Weber, Carl, New York, N. Y. Encasing driven piling. 2,412,185; Dec. 3.

Weber, Carl, New York, N. Y. Producing piling. 2,412,239; Dec. 10.

Weber Dental Manufacturing Company, The, assignee: *See*—
Bibus, David J.

Weber, Emmerich: *See*—
Anlos, George, and Weber.

Weber, Ernst, assignor to Landis & Gyr, A-G., Zug, Switzerland. Oscillatory armature relay. 2,413,397; Dec. 31.

Weber, Henryk, Bedford, assignor of two-thirds to Guaranty Plastic Caps Limited, London S. W. 1, England. Electric lamp base or cap and bonding cement therefor. 2,407,621; Sept. 10.

Weber, Ion L., and M. H. Weber, Waterloo, Ontario, Canada. Caponizing instrument. 2,406,647; Aug. 27.

Weber, John C., Jr., assignor to West Virginia Glass Specialty Company, Incorporated, Weston, W. Va. Mold for glassware. 2,392,561; Jan. 8.

Weber, John W., assignor to Proctor & Schwartz, Incorporated, Philadelphia, Pa. Doffing mechanism. 2,398,732; Apr. 16.

Weber, Karl H.: *See*—
Kilgore, Lowell B., and Weber.

Weber, Karl H., Toledo, Ohio. Machine for winding coils. 2,401,676; June 4.

Weber, Karl H., Lancaster, Pa., assignor to Armstrong Cork Company, Lancaster, Pa. Making esterified fossil resins. 2,394,731; Feb. 12.

Weber, Mervin H.: *See*—
Weber, Ion L., and M. H.

Weber, Peter H., Milwaukee, Wis., assignor to F. J. Sterling, Chicago, Ill. Combined extension table and cabinet. 2,412,849; Dec. 17.

Weber, Reinhold, Kassel Kirchditmold, Germany; vested in the Alien Property Custodian. Determining combustible gases in gas mixtures. 2,399,965; May 7.

Weber, Victor, Greensburg, assignor to Robertshaw Thermostat Company, Youngwood, Pa. Relay. 2,398,681; Apr. 16.

Weber, Walter C., Dayton, Ohio, assignor to Dayton Precision Manufacturing Company. Machine for assembling commutators. 2,394,955; Feb. 12.

Weber, Walter C., Dayton, Ohio, assignor to Dayton Precision Manufacturing Company. Machine feeding mechanism. 2,394,956; Feb. 12.

Weber, Walter C., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Molten glass severing method and mechanism. 2,401,994; June 11.

Weber, Walter H., assignor to Detroit Lubricator Company, Detroit, Mich. Heat transfer resisting means for carburetors. 2,397,392; Mar. 26.

Weber, Walter H., assignor to Detroit Lubricator Company, Detroit, Mich. Carburetor accelerating pump. 2,400,035; May 7.

Weber, William T., Lansdowne, assignor of one-half to J. Applebaum, Philadelphia, Pa. System for directing the movements of air and/or marine craft. 2,411,400; Nov. 19.

Webster-Chicago Corporation, assignee: *See*—
Dale, Colin B.

Webster Electric Company, assignee: *See*—
Daily, Roy, Goldsmith, and Munroe.

Webster, George C., U. S. Navy. Detent mechanism. 2,407,906; Sept. 17.

Webster, John H., Rocky Hill, assignor to The Stanley Works, New Britain, Conn. Clamping means for windshield de-icer panels. 2,411,485; Nov. 19.

Webster, Percy S.: *See*—
Lichtenberg, Erich H., and Webster.

Wedeberg, Reuben, assignor to Stewart-Warner Corporation, Chicago, Ill. Measuring valve. 2,392,017; Jan. 1.

Wedgeping Valve Company, assignee: *See*—
Reed, Isaac N.

Wedoe, William, Cottage Grove, Wis. Hay mower. 2,400,671; May 21.

Weeks, Arnold N., North Scituate, Mass., assignor to Bemis Bro. Bag Company, St. Louis, Mo. Baling method. 2,402,476; June 18.

Weeks, Sanford J., Elyria, Ohio. Automatic top. 2,408,132; Sept. 24.

Weeks, Walter R., Hamden, Conn., assignor to General Electric Company. Gun charger. 2,394,127; Feb. 5.

Weems, William R., Decatur, Ga. Electric directional gyroscope. 2,410,473; Nov. 5.

Weesner, Carl W., Warren, Ohio, and W. B. Leffingwell, assignors to Sharon Steel Corporation, Sharon, Pa. Treatment of manganese steel. 2,410,322; Oct. 29.

Wegst, Walter F., L. R. Bacon, and R. McNabney, assignors to Wyandotte Chemicals Corporation, Wyandotte, Mich. Manufacture of zincated alkalies. 2,403,157; July 2.

Wehner, Alphonse W., assignee: *See*—
Seaton, Robert R.

Wehner, William C., and W. V. Giovara, Detroit, Mich. Snap gauge. 2,398,983; Apr. 23.

Wehr, William G., North Madison, assignor to The Cleveland Crane & Engineering Company, Wickliffe, Ohio. Shear press. 2,397,896; Apr. 2.

Weible, Glenn B.: *See*—
Hamilton, William F., George, and Weible.

Weich, Peter J.: *See*—
Blickensderfer, Robert, and Weich.

Weidenfeld, Morris, Mattapan, Mass. Stretching cloth. 2,398,063; Apr. 9.

Weidenhoff, Joseph, Inc., assignee: *See*—
Haskins, Butler J.

Weidler, Walter, Detroit, Mich. Cup or glass holder for plates. 2,413,535; Dec. 31.

Weidman, George P., North Tonawanda, N. Y. Bullet protection guard. 2,393,350; Jan. 22.

Weierich, Andrew C.: *See*—
Heddleson, Fred A., and Weierich.

Weihs, Theodor G., now by judicial change of name Theodore G. White, assignor to American Window Glass Company, Pittsburgh, Pa. Manufacture of tempered glass. 2,401,442; June 4.

Weihs, Theodor G., now by judicial change of name Theodore G. White, assignor to American Window Glass Company, Pittsburgh, Pa. Apparatus for manufacturing tempered glass. 2,411,701; Nov. 26.

Weijlard, John, Westfield, and M. Tishler, assignors to Merck & Co., Inc., Rahway, N. J. 2-sulphanilamidoquinoxaline. 2,404,199; July 16.

Weijlard, John, Westfield, and M. Tishler, assignors to Merck & Co., Inc., Rahway, N. J. 2-(4-succinyl-aminobenzene-sulphonamido)-quinoxaline. 2,404,200; July 16.

Weil, Conrad, Wilkinsburg, assignor to Westinghouse Electric Corporation, Pittsburgh, Pa. Insulation. 2,393,082; Jan. 15.

Weil, Henry, Goldsboro, N. C. Mechanical flashlight. 2,393,209; Jan. 15.

Weil-Kalter Manufacturing Company, assignee: *See*—
Novy, Loretta.

Weil, Rudolf, New York, N. Y. Finger cap. 2,401,714; June 4.

Weilbaecher, Chester O.: *See*—
Montgomery, Terryl B., and Weilbaecher.

Weiler, John E.: *See*—
Hampel, Clifford A., and Weiler.

Weiler, Joseph F., Lewiston, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Production of vinyl chloride. 2,412,308; Dec. 10.

Weiller, Paul G., New York, N. Y., assignor to Square D Company, Detroit, Mich. Electrical contact. 2,394,501; Feb. 5.

Weimont, Joseph, Bogota, N. J., assignor to A. Kimball Company, New York, N. Y. Counting mechanism. 2,406,726; Aug. 27.

Weinaug, Charles F.: *See*—
Dousiln, Donald R., and Weinaug.

Weinberger, Jan V., Truro, Nova Scotia, Canada. Woven cloth. 2,409,087; Oct. 8.

Weiner, Kurt: *See*—
Halpern, William, Weiner, and Krochmal.

Weingart, Richard I. N., assignee: *See*—
Berliner, Martin.

Weingart, Richard I. N., Glen Head, N. Y. Measuring instrument movement. 2,398,607; Apr. 16.

Weingart, Richard I. N., Glen Head, N. Y. Mechanical movement. 2,413,203; Dec. 24.

Weingarten, Joseph, Bronx, N. Y. One-piece garment. 2,408,537; Oct. 1.

Weingarten, Murray, New York, N. Y. Furniture construction. 2,393,349; Jan. 22.

Weinhagen, Carl, assignee: *See*—
O'Neil, John G., and Zesbaugh.

Weinmayr, Viktor, Pitman, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Monofluoro-dichloro-styrene and the manufacture of the same. 2,398,483; Apr. 16.

Weinrich, Arthur R.: *See*—
Colbert, William H., and Weinrich.

Weinrich, Arthur R., Brackenridge, Pa., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Apparatus for production of mirrored surfaces. 2,401,443; June 4.

Weinrich, William W.: *See*—
Bonnell, William S., and Weinrich.

Weinstein, Louis: *See*—
Skinkle, John H., and Weinstein.

Weinzimmer, Samuel J., New Rochelle, N. Y. Cushion or mattress. 2,401,995; June 11.

Weir, G. & J., Limited, assignee: *See*—
Hillier, Harold.
Illiller, Harold, and McAlpine.
Sim, James.

Weir, Horace M., Wynnewood, Pa., assignor to The United Gas Improvement Company. Multistage method of purifying styrene. 2,413,674; Dec. 31.

Weisbecker, Frank G., Glenside, and J. Weisbecker, Philadelphia, assignors to Hosiery Patents Inc., Lansdale, Pa. Fabric tensioning means. 2,396,766; Mar. 19.

Weisbecker, Julius: *See*—
Weisbecker, Frank G. and J.

Weisberg, Mark: *See*—
Kroll, Harry H., and Weisberg.

Weisberg, Samuel M., E. G. Stimpson, and J. Greenspan, Baltimore, Md., and D. F. Othmer, Brooklyn, N. Y., assignors to Sealtest, Inc., Baltimore, Md. Preparing water-soluble alkyl lactates. 2,406,648; Aug. 27.

Weisburg, Samuel M., E. G. Stimpson, and J. Greenspan, assignors to Sealtest, Inc., Baltimore, Md. Copolymers. 2,393,438; Jan. 22.

Weise, Carl A., Los Angeles, assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Latch. 2,393,945; Jan. 29.

Weisel, Eliza J., Van Nuys, Calif. Bedding for infants' cribs. 2,404,935; July 30.

Weisenthal, Joseph L., Bronx, N. Y. Self-inking rubber stamp. 2,398,509; Apr. 16.

Weiser, Harry B., and W. O. Milligan, Houston, Tex., assignors to Houdry Process Corporation, Wilmington, Del. Preparing porous silica. 2,395,524; Feb. 26.

Weiser, Harry B., Houston, Tex., E. A. Smith, Media, and J. S. Mackay, Prospect Park, Pa., assignors to Houdry Process Corporation, Wilmington, Del. Manufacture of stable alumina and impregnated alumina catalysts. 2,406,420; Aug. 27.

Weisglass, Louis L.: *See*—
Simmon, Alfred, and Weisglass.

Weisglass, Louis, New York, N. Y. Means to ignite photographic flash lamps. 2,395,600; Feb. 26.

Weisglass, Louis, New York, assignor to Simmon Brothers, Inc., Long Island City, N. Y. Means to ignite photographic flash. 2,409,967; Oct. 22.

Weisglass, Louis L., New York, assignor, by mesne assignments, to Simmon Brothers, Inc., Long Island City, N. Y. Light measuring device for photographic enlargers. 2,411,486; Nov. 19.

Weiskopf, Edwin C., New York, N. Y. Preparing tissue. 2,393,580; Jan. 22.

Weiss, Abraham and J., New York, N. Y. Saving fuel in internal-combustion engines. 2,392,207; Jan. 1.

Weiss, Abraham, and J., New York, N. Y. Method and means for saving fuel in internal-combustion engines. 2,393,579; Jan. 22.

Weiss, Albert A., Brooklyn, N. Y. Thermometer. 2,395,701; Feb. 26.

Weiss, Charles, Corona, Long Island, assignor to J. Brandt & Bro. Inc., New York, N. Y. Apparatus for feeding spangles to spangling machines. 2,400,616; May 21.

Weiss, Ernst, Wattwil, Switzerland, assignor to Heberlein Patent Corporation, New York, N. Y. Treating cellulose-containing textiles. 2,411,818; Nov. 26.

Weiss, Frederick T., Normandy, Mo., and C. E. Arbuthnot, Wood River, Ill., assignors to Shell Development Company, San Francisco, Calif. Aviation gasoline. 2,399,413; Apr. 30.

Weiss, Frederick T., Normandy, Mo., and W. A. Sullivan, Edwardsville, Ill., assignors to Shell Development Company, San Francisco, Calif. Aircraft fuel tank lining. 2,403,200; July 2.

Weiss, Gerhart, Sunnyside, assignor of twenty-five per cent to P. Porzelt, New York, and twenty-five per cent to F. Lunzer, Kew Gardens, Long Island, N. Y. Apparatus for producing corrugated structures. 2,406,051; Aug. 20.

Weiss, Joseph: *See*—
Weiss, Abraham and J.
Weiss, Abraham, and Joseph.

Weiss, Le Roy, assignor to Signode Steel Strapping Company, Chicago, Ill. Adjustable pallet. 2,405,535; Aug. 6.

Weiss, Robert H., Plainfield, and A. C. Wintringham, Glen Ridge, N. J., assignors to American Cyanamid Company, New York, N. Y. Preparation of arylides of aromatic ortho-hydroxy carboxylic acids. 2,410,397; Oct. 29.

Weissberger, Arnold: *See*—
Porter, Henry D., and Weissberger.
Salminen, Ilmari F., and Weissberger.

Weissberger, Arnold, C. J. Kibler, and P. W. Vittum, assignors to Eastman Kodak Company, Rochester, N. Y. Color coupler. 2,407,210; Sept. 3.

Weissberger, Arnold, C. J. Kibler, and R. V. Young, assignors to Eastman Kodak Company, Rochester, N. Y. Thioglycolic amides. 2,412,700; Dec. 17.

Weissman, Eugene, Baltimore, Md. Pontoon structure for airplanes. 2,412,793; Dec. 17.

Welts, John, Baldwin, Long Island, and Hans Held, Flushing, N. Y. Device for washing and conditioning air and gases. 2,409,088; Oct. 8.

Welzmann, Charles, London, W. C. 1, England. Production of aromatic bodies. 2,397,715; Apr. 2.

Wejnarth, Axel R., Stockholm, Sweden. Electrical resistance element. 2,406,275; Aug. 20.

Wejnarth, Axel R., Stockholm, Sweden. Electrical resistance elements durable at high temperatures and proof against chemical action, and making same. 2,412,373; Dec. 10.

Wejnarth, Axel R., Stockholm, Sweden. Electrical resistance elements durable at high temperatures and proof against chemical action, and making same. 2,412,374; Dec. 10.

Wejnarth, Axel R., Stockholm, Sweden. Electrical resistance elements durable at high temperatures and proof against chemical action, and making same. 2,412,375; Dec. 10.

Wejnarth, Axel R., Stockholm, Sweden. Electrical resistance elements durable at high temperatures and proof against chemical action, and making same. 2,412,376; Dec. 10.

Wekeman, Stephen N., Saddle River Township, Bergen County, N. J., assignor to Sun Chemical Corporation. Camera. 2,402,197; June 11.

Wekeman, Stephen N., Saddle River Township, N. J., assignor to Sun Chemical Corporation. Camera. 2,408,247; Sept. 24.

Welborn, Arthur A., Rogers, Ark. Brooder. 2,396,065; Mar. 5.

Welch, Alanson U., Jr., Pittsfield, Mass., assignor to General Electric Company. Magnetic core. 2,407,626; Sept. 17.

Welch, Clarence M., assignor to John H. Mulholland Co., Milford, Del. Spoon. 2,401,534; June 4.

Welch, Floyd D., Shreveport, La. Secret fastener. 2,398,984; Apr. 23.

Welch, Floyd D., Shreveport, La. Caulking gun. 2,398,985; Apr. 23.

Welch, Gerard H.: *See*—
Wells, Robert L., and Welch.

Welch, Harry W., Walled Lake, assignor to Novi Equipment Company, Novi, Mich. Wire coiling machine. 2,398,900; Apr. 23.

Welch, Henry M., Seattle, Wash. Boxcar brace. 2,411,768; Nov. 26.

Welch, Patrick O., Birmingham, Mich. Toolholder. 2,399,966; May 7.

Welch, William P., Arlington, Va., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Accelerometer. 2,411,401; Nov. 19.

Welding Research, Inc., assignee: *See*—
Goldowski, Natacha.

Welding Service Sales, Inc., assignee: *See*—
O'Reilly, Joe.

Weldon Tool Company, The, assignee: *See*—
Hedin, Oscar C.

Welinsky, Irving H.: *See*—
Gorin, Manuel H. and E., Sharp, and Welinsky.

Welk, Nelson S., assignor to The McBee Company, Athens, Ohio. Apparatus for cooling and hardening wax carbon coatings. 2,408,498; Oct. 1.

Well Surveys, Incorporated, assignee: *See*—
Neufeld, Jacob.
Pontecorvo, Bruno.

Weller, Arnold N., Milwaukee, Wis. Storm window. 2,405,248; Aug. 6.

Weller, Carl E., Easton, Pa. Electrical heating apparatus. 2,405,866; Aug. 13.

Weller, Charles J., Coulee City, Wash. Anchoring bracket. 2,404,152; July 16.

Weller, George L., Jr., Washington, D. C. Flow control device. 2,401,782; June 11.

Welling, Charles E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Separating hydrocarbons. 2,392,277; Jan. 1.

Welling, Charles E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Separating cyclopentene from piperylene. 2,401,282; May 28.

Welling, Charles E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Removal of acetylene from gases. 2,401,444; June 4.

Welling, Charles E., Wilkinsburg, Pa., assignor to Phillips Petroleum Company. Separation of hydrocarbons. 2,395,362; Feb. 19.

Wellman, Katherine, assignor to Bacwell Enterprises Incorporated, New York, N. Y. Clothes cleaning device. 2,410,323; Oct. 29.

Wellman, S. K., Company, assignee: *See*—
Lowey, Francis J., and Tower.

Wellman, S. K., Company, The, assignee: *See*—
Kopersmith, Leo S., and Wirt.
Lowey, Francis J.
Sutton, Walter C.

Wells, Alton R., assignee: *See*—
Dales, George F.

Wells, Alvin W., Chicago, assignor of one-half to J. W. Wells, Decatur, Ill. Apparatus for producing electrical oscillations. 2,408,589; Oct. 1.

Wells, C. G., assignee: *See*—
Walker, Jay P.

Wells, David E., San Leandro, Calif. Ball forming mill. 2,409,649; Oct. 22.

Wells, Frank E., Alliance, Ohio. Piston expander. 2,409,499; Oct. 1.

Wells, Franklin H., Hackensack, N. J., and J. J. Root, Hastings on Hudson, N. Y., assignors to American Machine & Foundry Company. Web-registering device. 2,400,447; May 14.

Wells, George P., U. S. Army, Chicago, Ill. Adjustable vessel holder for field ranges. 2,394,574; Feb. 12.

Wells, Jewel W., assignee: *See*—
Wells, Alvin W.

Wells, Joseph H., and P. J. Wilson, Jr., Pittsburgh, Pa., assignors to Carnegie-Illinois Steel Corporation. Utilizing acid sludge. 2,404,608; July 23.

Wells, Martin, Los Angeles, Calif. Electrode holder. 2,405,536; Aug. 6.

Wells, Martin, Los Angeles, Calif. Insulated electrode holder. 2,412,309; Dec. 10.

Wells, Merritt R., York, Pa. Fuel tank. 2,407,622; Sept. 10.

Wells, Percy A., Abington, and D. Swern, Melrose Park, Pa., assignors to The United States of America as represented by Claude R. Wickard, Secretary of Agriculture, and his successors in office. Derivatives of isoascorbic acid. 2,408,182; Sept. 24.

Wells, Percy A., Abington, and D. Swern, Melrose Park, Pa., assignors to the United States of America, as represented by the Secretary of Agriculture. Derivatives of isoascorbic acid. 2,408,897; Oct. 8.

Wells, Ralph L., Stelton, N. J., assignor to Johnson & Johnson. Novel method of sealing and testing ampoules. 2,396,728; Mar. 19.

Wells, Ralph L., Stelton, N. J., assignor to Johnson & Johnson. Apparatus for testing fusion sealed ampoules. 2,396,729; Mar. 19.

Wells, Robert L., and G. H. Welch, Pittsburgh, Pa., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Resilient mounting. 2,399,414; Apr. 30.

Wells, Rondal E.: *See*—
Levine, Joseph, and Wells.

Wells, Roy E., assignor to Art Metal Construction Company, Jamestown, N. Y. Filing cabinet. 2,410,255; Oct. 29.

Wells, Wesley B., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Light signal. 2,407,355; Sept. 10.

Wells, Wesley B., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Colored light signal. 2,413,127; Dec. 24.

Wellstein, Wilhelm, assignor to Ex-Cell-O Corporation, Detroit, Mich. Motor mounting. 2,400,448; May 14.

Wellsworthy Piston Rings Limited, assignee: *See*—
Howlett, John W.

Welsch, Louis A., assignor to American Hoist & Derrick Co., St. Paul, Minn. Machine for operating on materials. 2,409,968; Oct. 22.

Welshman, James R.: *See*—
Donkersley, Albert B., and Welshman.

Welte, Benedict, Lake Orion Township, Oakland County, assignor to Colonial Broach Company, Detroit, Mich. Pull broach machine with work feeding table. 2,395,702; Feb. 26.

Welton, Norman S., Nitro, W. Va., assignor to American Viscose Corporation, Wilmington, Del. Staple fiber and production thereof. 2,411,644; Nov. 26.

Welton, Wright M.: *See*—
Haywood, Gerald, and Welton.
Obenshain, Noel, and Welton.

Weltronic Company, assignee: *See*—
Collom, Cletus J.

Welty, Albert B., Jr.: *See*—
Holder, Clinton H., and Welty.
Kuhl, Paul E., and Welty.

Welty, Albert B., Moline, Ill., assignor to International Harvester Company. Harvester. 2,399,774; May 7.

Welty, Albert B., Moline, Ill., assignor to International Harvester Company. Grain dehydrator. 2,410,851; Nov. 12.

Welty, Albert B., Jr., Mountainside, N. J., assignor to Standard Oil Development Company. Reforming. 2,406,117; Aug. 20.

Wemp, Eleanor M., assignee, et al.: *See*—
Wemp, Ernest E.

Wemp, Ernest E., Detroit, Mich. Centrifugal clutch. 2,395,308; Feb. 19.

Wemp, Ernest E., assignor of five per cent to C. J. Smith, 5 per cent to L. K. Smith, twenty per cent to L. A. Wemp, Detroit, Mich., and five per cent to E. M. Wemp, Los, Angeles, Calif. Transmission. Re. 22,761; May 28.

Wemp, Lila A., assignee, et al.: *See*—
Wemp, Ernest E.

Wenberg, Herbert B., De Pere, Wis. Plasticizing of glassine papers. 2,403,697; July 9.

Wenck, Peter R., and W. A. Henson, assignors to The Dow Chemical Company, Midland, Mich. Fumigation method. 2,407,333; Sept. 10.

Wendler, Jerome A., Los Angeles, Calif. Bottle carrier. 2,397,716; Apr. 2.

Wendt, Frederick C., Copiague, assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 2,411,401; Nov. 19.

Wendt, Karl R.: *See*—
Bedford, Alda V., and Wendt.

Wendt, Karl R., Hightstown, N. J., assignor to Radio Corporation of America. Electric wave multiplier circuit. 2,398,064; Apr. 9.

Wendt, Karl R., Hightstown, N. J., assignor to Radio Corporation of America. Synchronizing system. 2,406,977; Sept. 3.

Wendt, Karl R., Hightstown, and A. V. Bedford, Princeton, N. J., assignors to Radio Corporation of America. Square coding wave generator for secret telecommunication systems. 2,406,978; Sept. 3.

Wendt, Robert H., assignee: *See*—
Hubbard, David C.

Wenger, Wiley D., Camden, N. J., assignor to Radio Corporation of America. Drying moisture laden articles. 2,397,897; Apr. 2.

Wennerby, Arthur O. L., Stockholm, Sweden. Gate valve. 2,394,128; Feb. 5.

Wenk, Edward A., New York, assignor to The Keystone Manufacturing Co., Buffalo, N. Y. Fitting for flared tubing. 2,399,275; Apr. 30.

Wenk, Edward A., New York, assignor to The Keystone Manufacturing Co., Buffalo, N. Y. Heat exchanger. 2,410,912; Nov. 12.

Wenthe-Davidson Engineering Co., assignee: *See*—
Wenthe, William.

Wenthe, William, assignor to Wenthe-Davidson Engineering Co., Milwaukee, Wis. Bottle carrier. 2,395,601; Feb. 26.

Wentworth, Frank E., Exeter, N. H., assignor, by mesne assignments, to The Exeter Brass Company, Bridgeport, Conn. Switch boxes and the like and connecting nipple therefor. 2,393,581; Jan. 22.

Wentworth, Philip C., Providence, R. I., assignor to National Ring Traveler Company, Pawtucket, R. I. Twister traveler. 2,409,918; Oct. 22.

Wentz, Edward C., Sharpsville, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Linear coupler. 2,411,403; Nov. 19.

Wenzel, Albert A.: *See*—
Sandow, Abraham, and Wenzel.

Wenzel, Fred J., Chicago, Ill. Braking mechanism for film reel-supporting shafts. 2,398,733; Apr. 16.

Wenzel Projector Company, assignee: *See*—
Roehner, William A.

Wenzelberger, Elwood P.: *See*—
Turner, George T., and Wenzelberger.

Werner, Calvin J., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Actuator. 2,405,338; Aug. 6.

Werner, Calvin J., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Actuator control system. 2,410,695; Nov. 5.

Werner, Francis V., Bridgeton, N. J. Batch scale. 2,410,138; Oct. 29.

Werner, Harry C.: *See*—
Rushing, Frank C., Werner, and Camettl.

Werner, Herbert B., and J. Verson, assignors to Verson Allsteel Press Company, Chicago, Ill. Punch press. 2,405,537; Aug. 6.

Werner, Karl, Kiel-Wik, Germany; vested in the Alien Property Custodian. High-pressure closing device. 2,394,345; Feb. 5.

Werner, Leo C.: *See*—
Cherry, Sidney J., Werner, and Knochel.
Dailey, Hampton J., and Werner.
Dinnick, George M., and Werner.
Grandmont, Paul E., and Werner.

Werner, Leo C., Bloomfield, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electrode and making the same. 2,398,609; Apr. 16.

Werner, Leo C., and H. J. Dailey, Bloomfield, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electron discharge device. 2,398,608; Apr. 16.

Werner, Sture E., Engelbrektsgatan 19, Stockholm, assignor to Telefonaktiebolaget L. M. Ericsson, Stockholm, Sweden. Antifriction mechanism. 2,398,065; Apr. 9.

Werner, Sture E., assignor to Telefonaktiebolaget L. M. Ericsson, Stockholm, Sweden. Electromagnetic motor. 2,404,331; July 16.

Werner, Sture E., assignor to Telefonaktiebolaget L. M. Ericsson, Stockholm, Sweden. Motor for telephone selectors. 2,404,332; July 16.

Werntz, James H.: *See*—
Alvarado, Alfonso M., Lazier, and Werntz.
Lazier, Wilbur A., Signaigo, and Werntz.

Werntz, James H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical processes and products. 2,402,698; June 25.

Werring, Walter W.: *See*—
Kindermann, Wilfred J., and Werring.

Wertheim, Oscar, and L. Moses, Brooklyn, N. Y. Electric soldering iron. 2,403,158; July 2.

Wertheimer, Albert: *See*—
Browder, Maurice E., and Wertheimer.

Werts, Leo L., Moscow, Idaho. Dried split peas and treating same. 2,400,144; May 14.

Werts, Walter G., Bloomfield, Iowa. Spreader and dump box. 2,393,849; Jan. 29.

Wertz, Hugh S., assignee, trustee: *See*—
Earle, Guyon L. C.

Weseman, Chester A., Austin, Minn. Building siding. 2,403,318; July 2.

Weskenson Corporation, assignee: *See*—
Moo, Gothard T.

Wesley, Edwin F., Chevy Chase, Md. Automatic mark clearing device. 2,409,232; Oct. 15.

Wessel, Carl, assignor to C. Wessel and L. W. Cleminson, Chicago, Ill., as trustees. Casting machine. 2,407,334; Sept. 10.

Wessel, Carl, assignor to C. Wessel and L. W. Cleminson, Chicago, Ill., as trustees. Making metal castings. 2,411,176; Nov. 19.

Wessel, De Wayne: *See*—
McGill, Chester T., Wessel, and Smith.

Wesselman, Albert, Cincinnati, Ohio. Handle structure for bottle carriers. 2,397,898; Apr. 2.

Wesselman, Albert, Cincinnati, Ohio. Bottle carrier. 2,402,218; June 18.

Wesselman, Albert, Cincinnati, Ohio. Bottle carrier. 2,402,219; June 18.

West Bend Equipment Corporation, assignee: *See*—
Klumb, Carl E.

West, Carl H., St. Clairsville, Ohio, assignor to Blaw-Knox Company, Pittsburgh, Pa. Furnace closure. 2,407,047; Sept. 3.

West, Charles P., Forest Hills, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Switchgear apparatus. 2,412,931; Dec. 17.

West, Chester, Brooklyn, N. Y. Shield for electrical wall fixtures and the like. 2,398,901; Apr. 23.

West Disinfecting Company, assignee: *See*—
Gits, Joseph A.
Huppke, Walter F.

West, Douglas L., assignor to Howard Smith Paper Mills Limited, Montreal, Quebec, Canada. Photoelectric consistency indicating method. 2,394,129; Feb. 5.

West, Edward E., Richmond, Va. Stringing needles. 2,401,535; June 4.

West, Francis, Jr.: *See*—
Carter, Leslie F., and West.

West, Francis, Jr., Roslyn, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Northerly turning error compensating means. 2,400,582; May 21.

West, Herbert J., Stamford, Conn., assignor to American Cyanamid Company of New York, N. Y. Textile finishing. 2,397,451; Mar. 26.

West, Herbert J., Riverside, Conn., assignor to American Cyanamid Company, New York, N. Y. Production of methylol urea ethers. 2,397,825; Apr. 2.

West, Herbert J., Riverside, Conn., assignor to American Cyanamid Company, New York, N. Y. Production of dialkyl esters. 2,397,826; Apr. 2.

West, James, Newton, and W. M. Davis, Cambridge, Mass., assignors to Craftsman Line-up Table Corporation, Waltham, Mass. Printer's line-up table. 2,399,610; Apr. 30.

West, James, Newton, and W. M. Davis, Cambridge, assignors to Craftsman Line-Up Table Corporation, Waltham, Mass. Printer's line-up table. 2,410,559; Nov. 5.

West, John: *See*—
Aldis, Arthur C. W., and West.

West, Maxwell A., Portland, Oreg. Automatic counterbalance for boom derricks. 2,408,500; Oct. 1.

West, Philip W., assignor to Board of Supervisors of Louisiana State University and Agricultural and Mechanical College, Baton Rouge, La. Making ice. 2,394,647; Feb. 12.

West, Robert D., and W. U. Vinton, assignors to Manitowoc Shipbuilding Company, Manitowoc, Wis. Low-temperature cabinet construction. 2,399,967; May 7.

West, Trustham F.: *See*—
Robinson, Robert, Cornforth, and West.

West, Victor E., assignor to Standard Railway Equipment Manufacturing Company, Chicago, Ill. Railway car roof. 2,410,191; Oct. 29.

Westcamp, Leslie L., North Sacramento, Calif. Aircraft landing wheel rotator. 2,408,963; Oct. 8.

Westendorp, Willem F., Schenectady, N. Y., assignor to General Electric Company. Magnetic induction accelerator. 2,394,071; Feb. 5.

Westendorp, Willem F., Schenectady, N. Y., assignor to General Electric Company. Electron accelerator control system. 2,394,072; Feb. 5.

Westendorp, Willem F., Schenectady, N. Y., assignor to General Electric Company. Electron accelerator. 2,394,073; Feb. 5.

Westendorp, Willem F., Schenectady, N. Y., assignor to General Electric Company. Ray-generating apparatus. 2,405,477; Aug. 6.

Westergaard, Carl C., assignor to Reichel & Drews, Inc., Chicago, Ill. Automatic winding machine. 2,403,147; July 2.

Westerkamp, Hugo, Koln-poll, Germany; vested in the Alien Property Custodian. Producing bridging matrix for endless sound bands. 2,404,761; July 23.

Westerman, Max E., Bronx, N. Y. Watch strap with watch retaining loop. 2,395,771; Feb. 26.

Western Electric Company, assignee: *See*—
Rea, Wilson W., and Wiltrakis.

Western Electric Company, Incorporated, assignee: *See*—
Ahalt, Frank W.
Babbitt, Bethel J.
Bandur, Adolph F.
Barkstrom, Elmer E., and Williams.
Barrett, James B.
Bartelheim, Leland A., and Neuhaus.
Baum, John L.
Beardsell, Allyn C.
Berggren, George E., Bertalan, and Logan.
Blaisdell, Charles O.
Blount, Harry.
Bouget, Yves A.
Brown, Morris, and Harr.
Brunner, Anton J.
Buckwald, Charles E.
Bureau, Arthur A.
Burns, Gordon K., Pitt, and Waters.
Cherry, George L., and Veale.
Cox, Thomas K., Gray, and Rayburn.
Cross, Robert P., Jr., Dillinger and Ogden.
Daniel, Thomas A.
Detrick, Judson N.
Edelman, Beril, and Pizzi.
Eklund, Carl O.
Eppler, Walter T., and Husson.
Ewaldson, Waldemar C.
Farrance, Harry F.
Frank, George H.
Frankwich, Alexander C.
Franz, Erwin E.
Gauthier, Marcel C.
Hansen, Carl E.
Hansen, Lloyd D., Harris, Hegeman, and Snook.
Hays, James B., Jr.
Hill, Russell J.
Hoff, Wilbur L., and Shaw.
Howerton, David R.
Jarman, Vincent G.
Johansson, Sven G.
Johansson, Sven G., and Slechta.
Johnson, Joel R.
Jongedyk, Ralph.
Juvinall, James W., and Stuhlfauth.
Keller, William J.
King, John W., and Stuhlfauth.
Kivley, Ray C.
Komroff, Paul, Pitt, and Waters.
Larsen, Elner W.
Lea, George D., and Pfeiffer.
Lembitz, Joseph J., Martin, and Miller.
Lennon, Harry D.
Longfellow, Harold R.
Luley, John C.
Malcolmson, William J., and Miner.
Martin, Samuel M.
Martindell, Frank.
McCain, Cecil C.
McCann, Alexander C., and Walsh.
McCoy, Clarence E.
Miller, Merton R.
Mitchell, Donald H.
Moller, Kasper F.
Muller, John T.
Neuhaus, Elmer C., and Verrill.
Newton, William.
Pash, Robert.
Pollard, Robert R.
Prudhon, Glenn L.
Rayburn, Vincent A.
Reichelt, Lester O., and Waters.
Reynolds, Ellwood W.
Rogers, Donald H.
Rogers, Donald H., and Schilha.
Scherb, Walter R.
Schlettinger, James R.
Scott, Edward C.
Scrantom, De Hart G.
Shear, Walter B.
Sinclair, Albert L., and Stastney.
Sirp, Emil.
Smith, Charles C., and Waters.
Snorek, Stanley J.

Western Electric Company, Incorporated, assignee: *See*—Continued
Stafford, Alfred E.
Stenson, Olaf, and Vinson.
Stevens, John E.
Stoll, Reinhold.
Stuhlfauth, George.
Stull, John S.
Swanson, Nils H.
Veale, Charles C.
Wagner, Julius A.
Wright, Robert L., II.
Young, Roger W.
Western Electric Corporation, assignee: *See*—
Cherry, Sidney J., Werner, and Knochel.
Clark, Earl K., and Wojcik.
Delcau, Joseph G.
Dinnick, George M., and Quitter.
Mouromtseff, Ilia E., and Dinnick.
Powell, Arthur L., and Robinson.
Wang, Chao C.
Werner, Leo C.
Werner, Leo C., and Dailey.
Western Felt Works, assignee: *See*—
Wilkins, Roger D.
Western Foundation Company, assignee: *See*—
Caudill, Howard F.
Western Laundry Machinery Company, assignee: *See*—
Sando, Joseph B.
Western Plastics, Incorporated, assignee: *See*—
Squires, Fred H.
Western Precipitation Corporation, assignee: *See*—
Dawson, Robert A.
Hamilton, James H., and White.
Rich, Paul C.
Schmidt, Walter M., and Townsend.
Vlets, Floyd H.
White, Harry J.
Western Railroad Supply Company, assignee: *See*—
Gillespie, Stanley E.
Western States Machine Company, The, assignee: *See*—
Hertrich, Joseph.
Roberts, Eugene.
Western Union Telegraph Company, The, assignee: *See*—
Anderson, James N.
Anderson, James N., and Hoover.
Angel, Herbert.
D'Humy, Fernand E.
Dirkes, Robert F., Melick, and Kimball.
Edgar, William S. W., Jr.
Erickson, George L.
Haglund, Hakon H., and Breyfogel.
Hieronymus, Charles G., Ridings, and Wise.
Khalil, Seyed.
Kline, Bernard L., and Mobius.
Light, George G.
Light, George G., Agnew, and Janson.
Magee, Bruce V.
Mample, Adolph Z., and Reed.
O'Brien, Frederic L.
Ridings, Garvice H.
Ridings, Garvice H., and Wise.
Wheeler, Herbert H.
Wise, Raleigh J.
Wise, Raleigh J., and Ridings.

Westervelt, John R., Jr., Duxbury, assignor to National Fireworks, Inc., West Hanover, Mass. Revolving crane accessory for fork trucks. 2,410,373; Oct. 29.

Westin, Axel: *See*—
Westin, Sven and A.

Westin, Sven, West Allis, assignor to A. O. Smith Corporation, Milwaukee, Wis. Method and apparatus for electrically heating and forming metal bodies. 2,397,717; Apr. 2.

Westin, Sven, West Allis, and A. Westin, assignors to A. O. Smith Corporation, Milwaukee, Wis. Thickening a localized longitudinal element in a tube. 2,405,478; Aug. 6.

Westinghouse Air Brake Company, The, assignee: *See*—
Bent, Arthur J.
Bush, Rankin J.
Cook, Earle S.
Cotter, George L.
Crittenden, Philip L.
Down, Sidney G.
Down, Sidney G., and Miller.
Good, John N.
Hewitt, Ellis E., and Watson.
Hines, Claude M.
Hines, Claude M., and Rush.
Hines, Claude M., and Stewart.
Kelley, Cecil S.
Larson, Arthur G.
May, Harry C., and McClure.
McCune, Joseph C.
McClure, Glenn T.
Mueller, Emil G.
Nelson, Claude A.
Nelson, Claude A., Good, and De Salardi.
Rush, John W., and Bent.
Sekera, Charles J.
Sexton, Everett P.

Westinghouse Air Brake Company, The assignee: *See*—Continued
Stevens, Roy R.
Stevens, Roy R., and Erson.
Stewart, Carlton D.
Whitney, Ralph T.
Westinghouse Electric Corporation, assignee: *See*—
Alben, Frank L.
Armstrong, George C.
Arnott, Edward G. F., and Dawley.
Arnold, Edwin E., and White.
Arters, Edward T.
Atwell, Clarence A.
Atwell, Clarence A., and Willby.
Austin, Bascum O.
Baker, Benjamin P.
Baker, Benjamin P., and Leeds.
Baker, Benjamin P., and Webb.
Baker, Robert M.
Barclay, William L., Jr.
Barker, Harry H.
Barker, Harry H., Hill, and Berberich.
Barnsteiner, Alfons.
Bartholy, Frederick E.
Baudry, René A., and Pollard.
Baudry, René A., Rushlug, and Fink.
Beese, Norman C.
Bendz, Waldemar I.
Bergstrom, Lawrence G.
Berkey, William E., Hershey, and Lamphere.
Berneski, Anthony J.
Bernhardt, Jacob.
Bichsel, Harry J.
Bletz, Edward.
Blunk, Gene D., and Edwards.
Bock, Ashley P.
Boden, Samuel H., and Cumming.
Bostwick, Myron A., and Lensner.
Bowman, Robert A., and Rathbun.
Boyd, John, and Bice.
Boykin, John R.
Brace, Porter H.
Bradbury, Donald.
Brecht, Winston A.
Brecht, Winston A., and Alben.
Brecht, Winston A., and Kerr.
Breckenridge, Frank.
Breckenridge, Frank, and Boyd.
Briggs, Maynard R., and Macdonald.
Broglie, Francis J.
Brown, Myron J., and Taliaferro.
Carlin, Herbert J.
Carpenter, Walter E.
Cassen, Benedict.
Cheek, Robert C.
Chubb, Lewis W.
Chubbuck, Leonard B.
Clark, Earl K.
Clifford, David G.
Clifford, David G., and Mouromtseff.
Clifford, David G., and Okress.
Cody, Clifford S.
Coltman, John W.
Condon, Edward U.
Cosley, John.
Cox, Joseph H., and Myers.
Croco, Charles P.
Cumming, James M.
Cumming, James M., and Cunningham.
Cunningham, Richard C.
Curry, Herman H., and Dudley.
Cuttino, William H.
Dailey, Hampton J.
Dailey, Hampton J., and Werner.
Daly, Thomas A.
Davenport, Charles C.
Dawley, Clarence E.
Denault, Clinton L.
Dent, William U.
Derr, Willard A.
Derr, Willard A., and Cheek.
Derr, Willard A., and Reagan.
Dickinson, Robert C.
Dickinson, Robert C., Stuellein, and Florschutz.
Dinnick, George M., and Werner.
Dorfman, Hiller D.
Dorris, Robert C.
Dunlop, James.
Dyer, Lloyd W., and Freese.
Eames, William F.
Eberhart, Arthur H.
Ellis, Delbert, and Alspach.
Ellis, Delbert, Taylor, and Basnett.
Elmer, William B.
Elmer, William B., and Rimer.
Elsey, Howard M., and Horstman.
Evans, George S.
Exner, Donald W.
Felver, Richard I.
Fielder, Frederick D., and Grimmer.
Findlay, John H., Dawley, and Pfeiffer.
Fischer, Eugene H.
Forbes, Allan D.

Westinghouse Electric Corporation, assignee: *See*—Continued
Forbes, Allan D., Leonard, and Halloran.
Ford, James G.
Fraser, Walter G., Jr.
Friedrich, Robert E.
Fulton, Wilbur C.
Gates, Henry S.
Gates, Henry S., and James.
Godsey, Frank W., Jr.
Goldsborough, Shirley L.
Graybill, Howard W.
Graham, Paul S.
Grandmont, Paul E., and Werner.
Gustin, Daniel S., and Bryant.
Gustin, Daniel S., and Herman.
Hall, Roy D.
Hall, Roy D., and Romanelli.
Hanna, Clinton R.
Hanna, Clinton R., and Lyna.
Hanna, Clinton R., and Mikina.
Hanna, Clinton R., and Osbon.
Hanson, Harold F., and Morrow.
Harder, Edwin L.
Harding, William R.
Harris, Walter R.
Hedlicson, Fred A., and Welerich.
Heilman, Joseph R.
Hein, Carl C.
Heitchue, Regis D.
Kilgore, Lee A.
Hill, Allan W., and Cumming.
Hodnette, John K.
Holowenko, Alfred R.
Horstman, Clifford C.
Horstman, Clifford C., and Bramble.
Houck, James P.
Houck, James P., and Geiselman.
Huber, John K.
Iglehart, Ferdinand C.
Immel, Ralph B.
Ivy, Joe G.
James, Paul E.
Jenks, Harold C.
Jernstedt, George W., and Lum.
Johnston, William A.
Jones, Maurice F.
Jones, Maurice F., and Hanson.
Jones, Maurice F. and R. C.
Jones, Maurice F., and Kilgore.
Jones, Ruel C.
Jones, Ruel C., and M. F.
Kessler, Wilbur.
Kilgore, Lee A., and Criner.
Kilgore, Lee A., and Smith.
Kimball, Albert W.
King, George E.
King, George E., and Formhals.
Kisch, Joseph P.
Kovalsky, Joseph F.
Krapf, Herman C.
Krasik, Sidney.
Kresser, Jean Y.
Kroon, Reinout P.
Laidig, Alfred H.
Langer, Bernard F., and Wommack.
Lee, Reuben.
Leeds, Winthrop M.
Lenehan, Bernard E., and Wey.
Lensner, Herbert W.
Leonard, Merrill G.
Lessman, Gerhard P.
Levy, Cyril C.
Liddington, Stanley J.
Lindstrom, Ture, and May.
Liwschitz, Michael.
Lockwood, Edwin H.
Ludwig, Leon R., and Baker.
Ludwig, Leon R., Baker and Bakken.
Ludwig, Leon R., Leeds, and Baker.
Lum, John C.
Lynn, Clarence.
Lynn, Lawrence B., and Hanna.
MacNeill, John B.
Mahnke, Kurt.
Mahoney, John R.
Mahoney, John R., and Bichsel.
Marbury, Ralph E.
Marbury, Ralph E., and Field.
Mason, Robert E.
May, John W.
McCurdy, William H., and Hutcheson.
McElvain, James W.
Mehring, Arthur C., Lensner, and Goldsborough.
Monori, Emil, and Myhre.
Morand, Louis D.
Morehead, Chalmers.
Morton, Eldred O.
Moses, Graham L., and Atwell.
Mosshart, Donald J.
Mouromtseff, Ilia E., and Dinnick.
Mouromtseff, Ilia E., and Findlay.
Mueller, Erich O., and Wagner.

Westinghouse Electric Corporation, assignee: *See*—Continued
New, Winston R.
Okress, Ernest C.
Okress, Ernest C., and Kusch.
Okress, Ernest C., Nelson, and Retherford.
Oman, Carl.
Owens, James B., and Hitson.
Packer, Lewis C.
Pakala, William E.
Pakala, William E., and White.
Parker, Charles H., and Covington.
Peglow, Walter.
Pendleton, Wesley W., and Frost.
Pennow, Willis A.
Peters, John F.
Phelps, George H.
Pierce, Lawrence, and Immel.
Pollard, Ernest J.
Ponomareff, Alexander I.
Ponomareff, Alexander I., and Mayne.
Pottinger, Alexander.
Powers, Frank B.
Price, George E.
Pringle, Mark A.
Quimper, Anthony A.
Rawlins, Herbert L., and Mikos.
Rawlins, Herbert L., and Wallace.
Raymond, John E.
Read, Ernest K.
Read, Thomas A.
Reagan, Maurice E.
Reagan, Maurice E., and Derr.
Reilly, Jack E.
Rennie, Robert F.
Rentschler, Harvey C., and Henry.
Riccitiello, Michael.
Richardson, Henry K.
Richardson, Henry K., Newcombe, and Laidig.
Rigrod, William W., and Clifford.
Ritter, Irving S.
Ritter, John G.
Rose, Bennie A., and Powers.
Rose, Herbert A.
Roth, Willard.
Russell, William J.
Rushing, Frank C., Werner, and Cannetti.
Santini, Danilo, and Heath.
Sateren, Martin G.
Sateren, Martin G., and Derr.
Schaelchlin, Walter.
Schaelchlin, Walter, and Hornbarger.
Schmidt, Henry F.
Scott, Howard, and Gordon.
Senstone, John B., and Brandt.
Semar, Harold W.
Shaw, Harold D.
Shoupp, William E.
Slack, Charles M., and Arnott.
Slack, Charles M., Dawley, and Pfeiffer.
Slack, Charles M., Ehrke, and Dawley.
Slack, Charles M., Pfeiffer, and Dawley.
Slepian, Joseph.
Smith, Charles W.
Smith, Walter H.
Snyder, Frederick D.
Sonnemann, William K.
Sparkes, Harry P., and Johansson.
Spear, Wendell C., and Schaefer.
Strong, Robert M.
Taliaferro, William R.
Tashjian, David R.
Taylor, Charles H.
Thompson, Albert S.
Thompson, Elvin A.
Toth, Julius.
Tull, Robert H.
Welch, William P.
Wallace, James M.
Walley, Omar C.
Watrous, Ward W., Jr.
Way, Stewart.
Webb, Herbert J.
Weil, Conrad.
Wells, Robert L., and Welch.
Wentz, Edward C.
West, Charles P.
Weybrew, Thelbert L.
White, Alfred B.
Whitefield, Kyle C.
Whitmore, James B., Makenny, and Newcombe.
Whittaker, Charles C.
Whittaker, Charles C., and Jones.
Wickerham, William R.
Wilhoyte, Howard J., Jr.
Wolowicz, Chester S., and Terpay.
Woodman, Kenneth L.
Wrathall, Jay R., and Findley.
Wright, Ralph H., and Watson.
Young, William G., and Iglehart.

Westlake, Frank K., Shelbina, and R. E. Rasmuson, Macon, Mo. Stove. 2,394,828; Feb. 12.

Westland, William E.: *See*—
Hultstrom, Gunnar H., and Westland.
Weston, Bonheur M., and F. F. Beall, assignors to Aristo Corporation, Detroit, Mich. Processing by-product soaps for recovery of their acids free from detrimental alcohols, etc. 2,399,588; Apr. 30.
Weston Electrical Instrument Corporation, assignee: *See*—
Gilbert, Roswell W.
Lumb, Anthony H.
Lederer, Karl M., and Dempster.
Miller, John H.
Weston, Herbert, New York, N. Y.; vested in the Alien Property Custodian. Accounting and filing system. 2,407,119; Sept. 3.
Weston, Jeffrey D., assignor to Standard Telephones and Cables Limited, London, England. Visual indicator for radio blind approach systems. 2,410,117; Oct. 29.
West Virginia Glass Specialty Company, Incorporated, assignee: *See*—
Weber, John C., Jr.
West Virginia Pulp and Paper Company, assignee: *See*—
Haywood, Gerald, and Welton.
Ohrenshain, Noel, and Welton.
Wetherbee, Harry L., assignor to A. Mohr, Jr., and J. P. Grill, Chicago, Ill. Combined chimney and blowoff valve. 2,406,727; Aug. 27.
Wetherill, Geo. D., Varnish Co., Inc., assignee: *See*—
Haines, Edward C.
Wetherill, Lynn: *See*—
Terpak, Stephen, and Wetherill.
Wetherill, Lynn, Pittsfield, Mass., assignor to General Electric Company. Gas-filled cable system. 2,401,595; June 4.
Wetherill, Lynn, Pittsfield, Mass., assignor to General Electric Company. Cable terminal. 2,401,996; June 11.
Wethers, Clifford H., Detroit, Mich. Roller for twister machines. 2,407,730; Sept. 17.
Wethly, Frans, Manhasset, assignor to Wilputte Coke Oven Corporation, New York, N. Y. Regenerative coke oven battery. 2,407,356; Sept. 10.
Wethly, Frans, Manhasset, N. Y. Underfired regenerative coke oven without sole channels. 2,412,484; Dec. 10.
Wetterhahn, Siegbert, New York, N. Y. Wallet 2,397,393; Mar. 26.
Wey, George J.: *See*—
Lenehan, Bernard E., and Wey.
Weyandt, Carl S., Homer City, Pa. Apparatus for conveying material. 2,407,357; Sept. 10.
Weyandt, Carl S., Homer City, and E. J. Missien, Indiana, assignors to Syntron Company, Homer City, Pa. Intermittent current operated motor. 2,403,034; July 2.
Weybrew, Thelbert L., Edgewood, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control system. 2,397,226; Mar. 26.
Weyerhaeuser Timber Company, assignee: *See*—
Edwards, Miles L., MacBain, and Johnson.
Weyhing, August L., assignor to E. A. Steinbock, Louisville, Ky. Electric furnace. 2,398,874; Apr. 23.
Weyl, Woldemar, and N. J. Kreidl, State College, Pa., assignors to Monsanto Chemical Company. Opalescent glass and making same. 2,394,502; Feb. 5.
Weyl, Woldemar A., State College, Pa., assignor to Monsanto Chemical Company. Ceramic body. 2,413,159; Dec. 24.
Weynand, Paul, San Antonio, Tex. Valve seat grinding tool. 2,394,882; Feb. 12.
Whale, Clement V., Hove, England. Gauging device for setting tools. 2,398,066; Apr. 9.
Whalen, Charles E.: *See*—
Haman, Howard H., and Whalen.
Whalen, John, Brooklyn, N. Y. Safe screen support. 2,406,714; Oct. 1.
Whaley, Thomas H., Jr., Bartlesville, Okla., assignor to Phillips Petroleum Company. Dispensing system. 2,402,355; June 18.
Whalley, Harry: *See*—
Dodds, John M., and Whalley.
Whalley, Harry, Darwen, and G. J. Scoles, East Sheen, assignors to Metropolitan-Vickers Electrical Company Limited, London, England. Radio receiver. 2,400,860; May 21.
Whalley, Harry, Darwen, and C. W. Miller, Sale, assignors to Metropolitan-Vickers Electrical Company Limited, London, England. Radio receiver. 2,404,333; July 16.
Wharam, John J.: *See*—
Roberts, Albert O., and Wharam.
Wharam, John J., Dearborn, and J. L. Robertson, Detroit, assignors to Ford Motor Company, Dearborn, Mich. Dual carburetor throttle control. 2,391,933; Jan. 1.
Wharam, John J., and C. P. Pinardi, assignors to Ford Motor Company, Dearborn, Mich. Gross shaft mounting. 2,406,933; Sept. 3.
Wharton, George C., assignor to Ames Baldwin Wyoming Co., Parkersburg, W. Va. Machine for finishing the handles of shovels. 2,406,728; Aug. 27.
Wheat, Alexander R., Stockton, Calif. Auger conveyer. 2,397,305; Mar. 26.
Wheat, George G., Brooklyn, N. Y. Shipping case or crate and shook therefor. 2,406,448; Aug. 27.
Wheat, William N., and R. Bullock, assignors to Chance Brothers and Co. Limited, Smethwick, Birmingham, England. Glass annealing kiln. 2,400,056; May 7.
Wheatley, James M.: *See*—
Hannewald, Burton A., Lee, and Wheatley.
Wheaton Brass Works, assignee: *See*—
Krone, Howard C., and Meyer.
Wheaton, Elmer P.: *See*—
Wills, John A., and Wheaton.
Wheaton, Elmer P., Los Angeles, and R. H. Ostergren, Santa Monica, assignors to Consolidated Engineering Corporation, Pasadena, Calif. Strain measuring system. 2,393,669; Jan. 29.
Wheaton, Jack M.: *See*—
Barnby, Herbert A., and Wheaton.
Wheelco Instruments Company, assignee: *See*—
Cohen, Theodore A.
Longini, Richard L.
Wheeler, Harold A.: *See*—
Johnson, John K., and Wheeler.
Wheeler, Harold A., Great Neck, N. Y., assignor, by mesne assignments, to Hazeltine Research, Inc., Chicago, Ill. High-frequency impedance-matching device. 2,403,252; July 2.
Wheeler, Harold A., Great Neck, N. Y., assignor, by mesne assignments, to Hazeltine Research, Inc., Chicago, Ill. Time delay network. 2,413,609; Dec. 31.
Wheeler, Henry H., Bellerose, N. Y., assignor to International Cigar Machinery Company. Bunch locating mechanism for cigar machines. 2,400,449; May 14.
Wheeler, Henry H., Brooklyn, N. Y., assignor to International Cigar Machinery Company. Wrapper preparing mechanism for cigar machines. 2,405,867; Aug. 13.
Wheeler, Henry L., Fort Worth, Tex., assignor to Consolidated Vultee Aircraft Corporation. Flare pistol installation. 2,400,322; May 14.
Wheeler, Herbert H., Millburn, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Transposition bracket. 2,394,575; Feb. 12.
Wheeler Insulated Wire Company, Incorporated, The, assignee: *See*—
Gref, William C.
Wheeler, John A.: *See*—
Leavell, Charles, and Wheeler.
Wheeler, Lloyd M., Kansas City, Mo. Height measuring scale. 2,410,606; Nov. 5.
Wheeler, Phillip R., Alexandria, Va. Bearing assembly. 2,404,420; July 23.
Wheeler Reflector Company, assignee: *See*—
Sawin, Kenneth A.
Wheeler, Reynolds and Stauffer, assignee: *See*—
Jucksch, Harry H.
Wheeler, William R.: *See*—
Cislak, Francis E., and Wheeler.
Wheeling Stamping Company, assignee: *See*—
McGinnis, Archibald B.
Parmelee, William H.
Wheeling Steel Corporation, assignee: *See*—
Mack, Wayne E.
Metzner, Robert B.
Wallis, Charles E.
Wheelon, Orville A.: *See*—
Burton, Edward F., Wheelon, and Adams.
Wheelwright, Bernard, West Smethwick, England. Tilting camera. 2,413,272; Dec. 24.
Whelan, Alma E., Altadena, Calif. Clothesline. 2,402,220; June 18.
Wheler, Arthur G., Syracuse, N. Y. Ash tray. 2,397,394; Mar. 26.
Wheller, Harry S., Elizabeth, N. J., assignor to L. J. Wing Mfg. Co., New York, N. Y. Heating means. 2,400,617; May 21.
Whetstone, Irene B., Chicago, Ill., assignor to International Business Machines Corporation. Card filing or grouping apparatus. 2,411,645; Nov. 26.
Whetstone, John, West Kilbride, Scotland, assignor to Imperial Chemical Industries Limited. Low density granular or powder explosives and their manufacture. 2,409,919; Oct. 22.
Whiley, Cecil: *See*—
Alexander, Paul, and Whiley.
Whinnery, John R., Schenectady, N. Y., assignor to General Electric Company. Ultra high frequency system. 2,404,261; July 16.
Whipple, Ernest G., Stratford, assignor to Remington Arms Company, Inc., Bridgeport, Conn. Metal working. 2,394,883; Feb. 12.
Whipple, George L., assignor to Tung-Sol Lamp Works Inc., Newark, N. J. Method and apparatus for severing grid strips into predetermined grid lengths. 2,392,870; Jan. 15.
Whipple, Richard J., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Portable radio receiver. 2,397,306; Mar. 26.
Whisler, Ralph H., Jr., assignor to Monroe Auto Equipment Company, Monroe, Mich. Shock absorber. 2,395,027; Feb. 19.
Whisler, Ralph H., Jr., assignor to Monroe Auto Equipment Company, Monroe, Mich. Shock absorber structure. 2,410,539; Nov. 5.
Whisnant, John K.: *See*—
Jackson, Arthur L., and Whisnant.

Whisnant, John K., assignor to American Enka Corporation, Enka, N. C. Method and apparatus for twisting thread. 2,407,358; Sept. 10.
Whistler, Lawrence V. and S. A., Kenmore, N. Y. Drawing, forming, shaping, or embossing sheet metal and the like. 2,399,775; May 7.
Whistler, Sanford A.: *See*—
Whistler, Lawrence V. and S. A.
Whitaker, Carl F.: *See*—
Ashworth, Fred, and Whitaker.
Whitaker, James N., West Englewood, N. J., assignor to Radio Corporation of America. Electrical circuit. 2,404,307; July 16.
Whitcomb, Arthur J., assignor to Freyn Engineering Company, Chicago, Ill. Blast furnace construction. 2,411,487; Nov. 19.
Whitcomb, Arthur J., and G. Fox, assignors to Freyn Engineering Company, Chicago, Ill. Liquid measuring and delivering means. 2,411,309; Nov. 19.
Whitcombe, Christopher J., Smethwick, England, assignor to Guest, Keen & Nettlefolds, Limited. Screw and nut fastening. 2,413,669; Dec. 31.
White, Adam W.: *See*—
Wilson, Cecil B., and White.
White, Albert W., New York, N. Y. Illuminating ankle bracelet and the like. 2,405,384; Aug. 6.
White, Alfred B.: *See*—
Pakala, William E., and White.
White, Alfred B., Murraysville, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Arc welding system. 2,399,415; Apr. 30.
White, Avis K. and D. F., Center Ossipee, N. H. Handy two-part folding screen. 2,406,729; Aug. 27.
White Cap Company, assignee: *See*—
White, William P.
White Castle System, Inc., assignee: *See*—
Tansley, Leslie R.
White, Charles, Alameda, Calif. Pallet. 2,395,982; May 5.
White, Charles H., assignor to Deere & Company, Moline, Ill. Disk harrow. 2,392,018; Jan. 1.
White, Claron N., and M. L. Schwartz, Chicago, Ill., and G. F. Rouault, Whiting, Ind., assignors to Standard Oil Company, Chicago, Ill. Aqueous rust preventive composition. 2,402,793; June 25.
White, Clayton F. A.: *See*—
Jennings, Andrew B., Murray, and White.
White, Clayton F. A., Oldbridge, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Photographic element. 2,397,452; Mar. 26.
White, Clifford B., assignor to American-La France-Foamite Corporation, Elmira, N. Y. Foam generation. 2,405,538; Aug. 6.
White, Deslie F.: *See*—
White, Avis K. and D. F.
White, Ellis R.: *See*—
Zublin, Ernest W., White, and Barnum.
White, Eric L. C.: *See*—
Blumlein, Alan D., and White.
White, Erven, Granville, and C. A. Smucker, Newark, Ohio, assignors to Owens-Corning Fiberglas Corporation, Toledo, Ohio. Treatment of fibrous material. 2,397,453; Mar. 26.
White, Fred L., Marion, Ohio. Traction and load supporting wheel. 2,395,383; Feb. 19.
White, Fred L., and L. O. McLean, assignors to The Osgood Company, Marion, Ohio. Pressure fluid clutch. 2,395,239; Feb. 19.
White, George M., Schenectady, N. Y., assignor to General Electric Company. Electric discharge device. 2,406,276; Aug. 20.
White, Gifford E.: *See*—
Maybarduk, Leon A., Mieher, Zand, and White.
White, Guy H., West Asheville, assignor to American Enka Corporation, Enka, N. C. Inhibitions of incrustations. 2,394,957; Feb. 12.
White, Harold K.: *See*—
Moecker, Henry, Jr., Frick, Meacham, and White.
White, Harry B., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,400,217; May 14.
White, Harry B., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,401,394; June 4.
White, Harry B., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,411,488; Nov. 19.
White, Harry J.: *See*—
Hamilton, James H., and White.
White, Harry J., Cambridge, Mass., assignor of one-half to Research Corporation, New York, N. Y., and one-half to Western Precipitation Corporation, Los Angeles, Calif. Electrical precipitator. 2,395,927; Mar. 5.
White, Herbert E., Cleveland Heights, Ohio, and William H. Borst, Hollis, N. Y. Making laminated cores for transformers. 2,393,439; Jan. 22.
White, Jesse O., Arlington, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymerization of vinyl acetate. 2,401,445; June 4.
White, John E.: *See*—
Faris, Harold P., and White.
White, Julius, Jamaica, N. Y. Processes of making shoes. 2,403,253; July 2.
White, Leland M., Nutley, N. J., assignor to United States Rubber Company, New York, N. Y. Manufacture of synthetic rubber latices. 2,393,133; Jan. 15.
White, Major S., United States Army. Method and apparatus for conducting electrocardiographic examinations. 2,400,533; May 21.
White, Melbourne F., assignor to Induction Heating Corp., New York, N. Y. Cooling system. 2,396,033; Mar. 5.
White Motor Company, The, assignee: *See*—
Harris, Bert C.
White, Norman G.: *See*—
Swan, Kenneth C., and White.
White, Raeburn, assignor to Submarine Signal Company, Boston, Mass. Instrument dials. 2,397,175; Mar. 26.
White, Reginald A.: *See*—
Doyle, Irving W., and White.
White River Lumber Company, assignee: *See*—
De Spain, Augustus L.
White, S. S., Dental Manufacturing Company, The, assignee: *See*—
Crowell, Walter S.
Crowell, Walter S., and Birch.
Strayer, Edward R.
White, Samuel H., assignee: *See*—
Seley, Louis E.
White, Samuel H., Lakewood, Ohio. Burner tip. 2,391,934; Jan. 1.
White, Samuel H., Detroit, Mich. Gaseous mixture. 2,411,769; Nov. 26.
White Sewing Machine Corporation, assignee: *See*—
Colegrove, Charles E.
Hamlett, Sidney J., Jr.
White, Sidney Y., Wilmette, assignor to V. S. Johnson, deceased, Chicago, Ill.; A. Thompson, administrator. Device for adjusting or tuning to close limits. 2,399,700; May 7.
White, Sidney Y., Wilmette, assignor to V. S. Johnson, deceased, Chicago, Ill.; A. Thomson, administrator. Device for tuning or adjusting to close limits. 2,399,701; May 7.
White, Sidney Y., Wilmette, assignor to V. S. Johnson, deceased, Chicago, Ill.; A. Thomson, administrator. Spacing device for adjusting to close limits. 2,399,702; May 7.
White, Sidney Y., Wilmette, assignor to V. S. Johnson, deceased, Chicago, Ill.; A. Thomson, administrator. Gauge. 2,399,703; May 7.
White, Sidney Y., Wilmette, assignor to V. S. Johnson, deceased, Chicago, Ill.; A. Thomson, administrator. Radio tuning means. 2,399,704; May 7.
White, Sidney Y., Wilmette, assignor to V. S. Johnson, deceased, Chicago, Ill.; A. Thomson, administrator. Radio apparatus. 2,407,359; Sept. 10.
White, Sidney Y., Wilmette, assignor to V. S. Johnson, deceased, Chicago, Ill.; A. Thomson, administrator. Temperature compensating tuned circuits. 2,407,360; Sept. 10.
White, Theodore G.: *See*—
Wells, Theodor G.
White, Thomas L., assignor to The Commercial Shearing & Stamping Company, Youngstown, Ohio. Tunnel liner segment. 2,404,819; July 30.
White, Vincent M.: *See*—
Arnold, Edwin E., and White.
White, Walter T., Hempstead, N. Y., assignor to Sperry Gyroscope Company, Inc. Prediction apparatus. 2,404,011; July 16.
White, Wayne E.: *See*—
Miller, Mike A., and White.
White, Wayne E., Plum Township, Allegheny County, assignor to Aluminum Company of America, Pittsburgh, Pa. Making fluoboric acid and its compounds. 2,403,148; July 2.
White, Wendell H., Martinez, Calif. Curling open-end drums. 2,413,594; Dec. 31.
White, Wilfrid G., U. S. Navy. Automatic self-compensating magnetic compass system. 2,393,670; Jan. 29.
White, William E.: *See*—
Torrell, Leland C., and White.
White, William K., Jr.: *See*—
Hutchins, James F., and White.
White, William P., Glencoe, assignor to White Cap Company, Chicago, Ill. Package and closure. 2,412,794; Dec. 17.
Whited, Clarence A., Jenkins, Ky. Roller skate attachment. 2,405,000; July 30.
Whitefield, Kyle C., Longmeadow, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Air translating apparatus. 2,407,858; Sept. 17.
Whitehead Bros. Rubber Co., The, assignee: *See*—
Stivason, William L.
Whitehead, George W., Springfield, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Resin molding composition. 2,407,943; Sept. 17.
Whitehead, Richard H.: *See*—
Van Atta, Chester M., and Whitehead.
Whitehead, Richard H., New Haven, Conn. Vibrator. 2,406,730; Aug. 27.

Whitehead, William A., Preston, England, assignor to The Goss Printing Press Company, Chicago, Ill. Counting mechanism. 2,406,118; Aug. 20.

Whitehill, Lynwood N., and R. S. Barker, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Allyl-type phosphates and their preparation. 2,394,829; Feb. 12.

Whitehouse, Irving, South Euclid, C. Schofield, Lakewood, and E. H. Cummings, Cleveland Heights, assignors to Republic Steel Corporation, Cleveland, Ohio. Animal pen. 2,392,792; Jan. 8.

Whitehouse, Irving, South Euclid, and V. S. Chambers, Cleveland, Ohio, assignors to Republic Steel Corporation. Bright polishing stainless steel tubes. 2,412,186; Dec. 3.

Whitehurst, George A., Mount Lebanon, Pa., assignor to Carnegie-Illinois Steel Corporation. Blast furnace. 2,394,976; Mar. 19.

Whiteley, Edward O., New York, N. Y. Supersonic treatment of fluid masses. 2,407,462; Sept. 10.

Whiteley, Fred H., Kansas City, Kans. Lettering instrument. 2,407,594; Sept. 10.

Whiteley, Joseph W., assignor to A. C. Cossor Limited, London, England. Saw-tooth voltage generator. 2,412,485; Dec. 10.

Whiteleck, Leland D. Bethesda, Md., assignor to The Union Switch and Signal Company, Swissvale, Pa. Receiving apparatus for communication systems. 2,399,968; May 7.

Whitener, William A., Hickory, N. C. Heater. 2,399,589; Apr. 30.

Whitesell, John C., Jr., Narberth, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Fragmentation bomb. 2,393,274; Jan. 22.

Whitesell, John C., Jr., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Making fragmentation bombs. 2,393,275; Jan. 22.

Whitesell, John C., Jr., Merion, assignor to Edward G. Budd Manufacturing Co., Philadelphia, Pa. Time fuse. 2,394,266; Apr. 9.

Whiteside, Jack R., Cambridge, Mass., and M. A. Townsend, Cleveland Heights, Ohio, assignors to General Electric Company. Starting control for electric discharge devices. 2,398,682; Apr. 16.

Whitfield, Joseph E., Hamilton, Ohio. Servomotor and control. 2,404,262; July 16.

Whitfield, Marshall G., and V. Sheshunoff, Garden City, assignors to Al-Fin Corporation, Farmingdale, N. Y. Coating metal. 2,396,730; Mar. 19.

Whitin Machine Works, assignee: *See*—
Schiums, Otto W.
Wood, Earl S.

Whiting Corporation, assignee: *See*—
Bock, George E.
Crockett, Frank L.
Fisher, Ernest F.
Kuehlthau, Hugo L., Vokac, and Del Monte.

Whiting, Robert R., Delray Beach, Fla. Strainer. 2,397,176; Mar. 26.

Whitlock, Fred W., assignor to Automatic Pump & Softener Corporation, Rockford, Ill. Water treatment device. 2,405,479; Aug. 6.

Whitlow, Eugene P.: *See*—
Butt, Charles A., Hallman, Bowden, Whitlow, and Pace.

Whitman, Gerald M., Claymont, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of fluorohydrocarbons. 2,401,850; June 11.

Whitman, Grover C., Berkeley, Calif. Cooling means for air hammer dies. 2,402,794; June 25.

Whitman, Lucilla de V., New York, N. Y. Necktie construction. 2,413,398; Dec. 31.

Whitman Publishing Company, assignee: *See*—
Mathee, William H., Jr., and Lewis.

Whitman, Ross C., Walpole, assignor to The Kendall Company, Boston, Mass. Cheese bandage. 2,396,905; Mar. 19.

Whitman, Ross C., Walpole, assignor to The Kendall Company, Boston, Mass. Unidirectional-twist woven fabric and method. 2,400,182; May 14.

Whitman, Ross C., Walpole, assignor to The Kendall Company, Boston, Mass. Opposite-twist woven fabric and method. 2,400,276; May 14.

Whitman, Ross C., Walpole, assignor to The Kendall Company, Boston, Mass. Resin-impregnated woven textile fabric and producing the same. 2,400,379; May 14.

Whitman, Ross C., Walpole, assignor to The Kendall Company, Boston, Mass. Cover for seed and plant beds 2,401,997; June 11.

Whitman, Ross C., Walpole, assignor to The Kendall Company, Boston, Mass. Directionally stiff woven fabric and method. 2,409,089; Oct. 8.

Whitmore, Glenn M., Oakland, Calif. Welding device. 2,412,022; Dec. 3.

Whitmore, James B., Bloomfield, W. Makenny, Mountain View and F. A. Newcombe, Nutley, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Automatic molding of plastics. 2,409,725; Oct. 22.

Whitney, F. A., Carriage Company, assignee: *See*—
LaChance, Edouard.
Shaw, Harold F.

Whitney, Gary M.: *See*—
Van Ess, Paul R., Watson, and Whitney.

Whitney, Joseph W., Conway, Pa. Carrying means for radio chassis and the like. 2,399,527; Apr. 30.

Whitney, Lyman F., Cambridge, assignor to Isthmian Metals, Inc., Boston, Mass. Making products of iron or iron alloys. 2,411,073; Nov. 12.

Whitney, Maurice P., Elmira, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Mechanical time fuse. 2,397,066; Mar. 19.

Whitney, Maurice P., J. E. Buxton, and D. L. Miller, Chemung County, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine starter drive. 2,407,048; Sept. 3.

Whitney Metal Tool Company, assignee: *See*—
Jensen, John.

Whitney, Ralph T., Irwin, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake cylinder venting apparatus. 2,398,902; Apr. 23.

Whiton, Louis C.: *See*—
Watson, John E., Whiton, and McBride.

Whiton, Louis C., and J. E. Watson, Westport, Conn., and C. B. McBride, Port Chester, N. Y. Dust separator. 2,405,625; Aug. 13.

Whitsett, Cameron A., Chicago, Ill. Antiaircraft shell. 2,402,716; June 25.

Whitson, John W., New York, N. Y. Perforating device for index cards. 2,403,035; July 2.

Whittaker, Alexander R.: *See*—
Cornell, Mead, and Whittaker.

Whittaker, Alexander R., New York, N. Y., assignor to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Oscillating disk meter. 2,406,877; Sept. 3.

Whittaker, Alexander R., New York, N. Y., assignor to Rockwell Manufacturing Company. Fluid meter. 2,410,852; Nov. 12.

Whittaker, Charles C., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Shock asborbing device. 2,405,001; July 30.

Whittaker, Charles C., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Switching apparatus. 2,406,449; Aug. 27.

Whittaker, Charles C., Pittsburgh, Pa., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Switching means. 2,408,837; Oct. 8.

Whittaker, Charles C., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control system for exhausting ballast from torpedoes. 2,409,169; Oct. 8.

Whittaker, Charles C., and R. C. Jones, Pittsburgh, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control system for torpedoes. 2,405,002; July 30.

Whittaker, Lloyd A., and H. F. Peterson, assignors to Thomson-National Press Co., Inc., Franklin, Mass. Cutting and creasing press. 2,405,868; Aug. 13.

Whittal, M. J., Associates Inc., assignee: *See*—
Uhlein, George V.

Whitted, John B., Evanston, assignor to Stewart-Warner Corporation, Chicago, Ill. Electric windshield wiper. 2,412,850; Dec. 17.

Whittemore, Jack: *See*—
Nelson, Evan H., and Whittemore.

Whittier, Benjamin L., Ruxton, and W. E. Johnson, assignors to Mt. Vernon-Woodberry Mills, Inc., Baltimore, Md. Spinning of cotton yarn. 2,412,641; Dec. 17.

Whittington, Arthur V., assignee: *See*—
Schmidt, John G.

Whittle, Frank, Rugby, assignor to Power Jets (Research & Development) Limited, London, England. Aircraft propulsion system and power unit. 2,404,334; July 16.

Whittle, Frank, Rugby, assignor to Power Jets (Research & Development) Limited, London, England. Liquid fuel burner, vaporizer, and combustion engine. 2,404,335; July 16.

Whittle, Frank, Rugby, England, assignor to Power Jets (Research and Development) Limited, London, England. Centrifugal compressor. 2,404,609; July 23.

Whittle, Frank, Rugby, assignor to Power Jets (Research and Development) Limited, London, England. Fluid flow energy transformer. 2,405,919; Aug. 13.

Whitty, Frank M.: *See*—
Whitty, Victor E. and F. M.

Whitty, Victor E., Oakland, and F. M. Whitty, Los Angeles, Calif. Control for internal-combustion engines. 2,403,774; July 9.

Whitworth, Edward, Saltcoats, T. Thomson, Kilmarnock, and R. Wark, Irvine, Scotland, assignors to Imperial Chemical Industries Limited. Cartridge for actuating gas pressure operated mechanical devices. 2,398,683; Apr. 16.

Whyzmuzis, Paul, Corona, Long Island, N. Y., and H. Linkletter, Englewood, N. J., assignors to Interchemical Corporation, New York, N. Y. Printing ink. 2,406,878; Sept. 3.

Wiard, George W., Keswick, Va., assignor to Virginia Electric Manufacturing Corporation, Charlottesville, Va. Molded plastic fuse construction. 2,395,206; Feb. 19.

Wiard, George W., Keswick, assignor to Virginia Electric Manufacturing Corporation, Charlottesville, Va. Fuse construction. 2,398,169; Apr. 9.

Wicaco Machine Corporation, assignee: *See*—
Laird, Joseph P.

Wicher, August R., Chicago, Ill. Automatic scale model coupler. 2,409,920; Oct. 22.

Wick, Edwin C., Upper Darby, Pa. Fastening for business machines. 2,395,156; Feb. 19.

Wick, Richard M., Allentown, Pa., assignor to Bethlehem Steel Company. Electrodeposition of zinc. 2,392,075; Jan. 1.

Wick, Richard M., Allentown, Pa. Chromium plating. 2,392,871; Jan. 15.

Wick, Richard M., Allentown, Pa. Apparatus for electroplating ball bearings. 2,397,177; Mar. 26.

Wickens, Claude E., Brookline, assignor to The Standard Rivet Company, South Boston, Mass. Stapling machine. 2,396,356; Mar. 12.

Wicker, Dan B.: *See*—
Spalding, John E., and Wicker.

Wickerham, William R., Swissvale, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control system. 2,408,461; Oct. 1.

Wickersham, Charles L., Pittsburgh, Pa., and J. A. Hyle, Detroit, Mich. Railway crosstie anticheck. 2,396,402; Mar. 12.

Wickman, A. C., Limited, assignee: *See*—
Banning, Alfred J.
Benyon, Alfred W.

Wicks, Geraldo C., Buenos Aires, Argentina. Electric heater. 2,400,618; May 21.

Wicks, Geraldo C., Ramos Mejia, Argentina. Electric heater. 2,404,336; July 16.

Wickwire, Arthur M., Jr., Great Barrington, Mass., assignor to Interchemical Corporation, New York, N. Y. Apparatus for smoothing hot melt coatings. 2,407,335; Sept. 10.

Wickwire, Hedge, et al.: *See*—
Wickwire, Theodore H., Jr., S. H., R. A., and H.

Wickwire, Roma A., assignee, et al.: *See*—
Wickwire, Theodore H., Jr., S. H., R. A., and H.

Wickwire, Sophie H., et al.: *See*—
Wickwire, Theodore H., Jr., S. H., R. A., and H.

Wickwire Spencer Steel Company, assignee: *See*—
Ambruson, Henry.

Wickwire, Theodore H., Jr., Ardmore, assignor to T. H., Jr., S. H., R. A., and H. Wickwire, doing business as a co-partnership under the name of Theowick Company, Philadelphia, Pa. Apparatus for fabricating welded wire fabric. 2,410,766; Nov. 5.

Wico Electric Company, assignee: *See*—
Phelon, Russell E.

Widell, Emil G., Bloomfield, N. J., assignor to Radio Corporation of America. Electrode alloys. 2,396,977; Mar. 19.

Widell, Nils E.: *See*—
Kögel, Wilhelm G., and Widell.

Widgery, William M.: *See*—
Petter, William E. W., Widgery, and Richards.

Widman, Charles H., Detroit, and O. Mueller, Dearborn, Mich. Making caterpillar links. 2,403,150; July 2.

Widmark, William, Duluth, Minn., and A. H. Brownlee, Superior, Wis. Protractor welding jig. 2,396,452; Mar. 12.

Widmer, Gustav, Basel, Switzerland, assignor, by mesne assignments, to Ciba Products Corporation, Hoboken, N. J. Aminotriazine-formaldehyde condensation products and process of making same. 2,398,569; Apr. 16.

Widmer, Jules A., Oak Ridge, Tenn., and B. H. Carroll, assignors to Eastman Kodak Company, Rochester, N. Y. Photographic filter and antihalation layers. 2,405,106; July 30.

Wiebke, August: *See*—
Marvin, Ralph J., and Wiebke.

Wiechman, Henry C.: *See*—
Hulswit, William H., Jr., and Wiechman.

Wiedeman, Oscar F.: *See*—
Carpenter, Erwin L., Davis, and Wiedeman.

Wiedman, Edward L., Tonawanda, N. Y. Punch and die mechanism. 2,394,346; Feb. 5.

Wiedmann, Ernst, Summit, assignor to The Oilgear Company, Milwaukee, Wis. Hydraulic transmission. 2,397,395; Mar. 26.

Wiegand, David E., Zanesville, Ohio, assignor to Line Material Company, South Milwaukee, Wis. Making an electromagnetic device. 2,404,016; July 16.

Wiegand, Edwin L., Company, assignee: *See*—
McOrily, Joseph.
Wiegand, Edwin L.

Wiegand, Edwin L., assignor to Orefraction Incorporated, Pittsburgh, Pa. Processing of materials. 2,392,019; Jan. 1.

Wiegand, Edwin L., assignor to Orefraction Incorporated, Pittsburgh, Pa. Deliquefying means. 2,392,020; Jan. 1.

Wiegand, Edwin L., assignor to Edwin L. Wiegand Company, Pittsburgh, Pa. Electric heater. 2,392,076; Jan. 1.

Wiegand, Edwin L., assignor to Edwin L. Wiegand Company, Pittsburgh, Pa. Electric heater. 2,400,672; May 21.

Wiegand, Edwin L., assignor to Edwin L. Wiegand Company, Pittsburgh, Pa. Electric hot-plate unit. 2,413,477; Dec. 31.

Wiegand, Edwin L., assignor to Edwin L. Wiegand Company, Pittsburgh, Pa. Electric heater. 2,413,478; Dec. 31.

Wiegand, Edwin L., assignor to Orefraction Incorporated, Pittsburgh, Pa. Conveying of materials. 2,413,479; Dec. 31.

Wiegand, Edwin L., assignor to Edwin L. Wiegand Company, Pittsburgh, Pa. Electric heater. 2,413,536; Dec. 31.

Wiegand, Edwin L., Company, assignee: *See*—
McOrily, Joseph.
Wiegand, Edwin L.

Wiegand, Francis J., Ridgewood, N. J., assignor to Wright Aeronautical Corporation. Flowmeter. 2,406,181; Aug. 20.

Wieland, Theodor: *See*—
Kuhn, Richard, and Wieland.

Wiener, Bernard A.: *See*—
Freeman, Hugh B., and Wiener.

Wiener, Bernard A., Washington, D. C. Cable cutter. 2,396,731; Mar. 19.

Wiener, Bernard A., Washington, D. C. Explosive device. 2,396,732; Mar. 19.

Wiener, Francis M., and R. L. Wallace, Jr., Cambridge, Mass., assignor to United States of America as represented by the Secretary of the Navy. Direct reading sound pressure meter. 2,395,309; Feb. 19.

Wiener, Warren A.: *See*—
Theis, Albert E., and Wiener.

Wienke, Emil J., Glen Ellyn, assignor to Motiograph, Chicago, Ill. Mounting for sprockets in motion-picture apparatus. 2,396,545; Mar. 12.

Wiese, Caroline and H. E., Cleveland, Ohio. Infants' garment. 2,410,374; Oct. 29.

Wiese, Harold E.: *See*—
Wiese, Caroline and H. E.

Wieseman, Robert W., Schenectady, N. Y., assignor to General Electric Company. Dynamoelectric machine and making the same. 2,412,851; Dec. 17.

Wiesler, Fred: *See*—
Sibley, Clement N., and Wiesler.

Wiesmann, Joseph W., assignor to H. H. Robertson Company, Pittsburgh, Pa. Grommet crimping tool. 2,399,776; May 7.

Wiest, Emil G., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Diazoamino compounds and printing pastes. 2,396,357; Mar. 12.

Wiest, Georg, Ludwigshafen-on-the-Rhine, and H. Glaser, Bonn, Germany; vested in the Alien Property Custodian. Pimelic acid derivatives disubstituted in the γ position and preparing same. 2,396,626; Mar. 12.

Wiget, Georg, assignor to Société Anonyme Adolphe Saurer, Arbon, Switzerland. Mounting device arranged in loom shuttle for the winding supports, particularly flat winding supports. 2,393,876; Jan. 29.

Wiggam, David R.: *See*—
Traylor, Waldorf S., and Wiggam.

Wiggins, Earl B., deceased, by I. L. Wiggins, executrix, Los Angeles, Calif. Coupling. 2,409,650; Oct. 22.

Wiggins, Irene L., executrix: *See*—
Wiggins, Earl B.

Wiggins, John H., Chicago, Ill. Liquid sealed vent valves. 2,400,450; May 14.

Wiggins, John H., Chicago, Ill. Combined gauge hole cover and vapor line connector. 2,406,521; Aug. 27.

Wiggins, John H., Chicago, Ill. Liquid storage apparatus. 2,408,538; Oct. 1.

Wiggins, John H., Chicago, Ill. Fluid storage apparatus. 2,408,539; Oct. 1.

Wiggins, Leonard A., Cuyahoga Falls, Ohio. Oxygen demand regulator. 2,409,327; Oct. 15.

Wiggs, James W.: *See*—
Hensel, Franz R., Emmert, and Wiggs.

Wight, Sedgwick N., O. S. Field, and O. H. Dicke, assignors to General Railway Signal Company, Rochester, N. Y. Airway traffic control system. 2,399,777; May 7.

Wight, Sedgwick N., and O. S. Field, assignors to General Railway Signal Company, Rochester, N. Y. Airway traffic control system. 2,410,540; Nov. 5.

Wightman, Lawrance W., Fort Wayne, Ind., assignor to General Electric Company. Dynamoelectric machine ventilating system. 2,394,414; Feb. 5.

Wigton, Paul L., Denver, Colo. Apparatus for fluid suspension classification. 2,413,015; Dec. 24.

Wikander, Oscar R.: *See*—
Bell, Davitt S., and Wikander.

Wike, Allen T., Kell, Ill. Military tank. 2,399,778; May 7.

Wiken, Christy A., and H. V. Boehnke, assignors, by mesne assignments, to The Delta Manufacturing Company, Milwaukee, Wis. Drilling machine. 2,396,733; Mar. 19.

Wiken, Christy A., and E. A. Reibig, assignors by mesne assignments, to The Delta Manufacturing Company, Milwaukee, Wis. Machine-tool spindle mounting and lubrication system. 2,397,178; Mar. 26.

Wiken, Christy A., and H. V. Boehnke, Milwaukee, Wis., assignors, by mesne assignments, to Rockwell Manufacturing Company, Pittsburgh, Pa. Cutting machine. 2,413,016; Dec. 24.

Wikle, Hugh H., Cleveland Heights, assignor to Superior Carbon Products, Inc., Cleveland, Ohio. Brush and art of commutation. 2,409,818; Oct. 22.

Wikstrom, Arne, Glen Echo Heights, Md. Submarine detector. 2,397,995; Apr. 9.

Wilber, Carl L.: *See*—
Goldie, Rowland J., and Wilber.

Wilbert, Harry E., Sr., Harrisburg, Pa. Vehicle signal switch. 2,411,702; Nov. 26.

Wilbur, Paul C.: *See*—
Richmond, Burnell E., and Wilbur.

Wilch, Charles C.: *See*—
Holberg, Arnold J., Ware, and Wilch.

Wilckens, Eibe A., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Method and apparatus for handling and treating strip material. 2,402,860; June 25.

Wilckens, Eibe A., and E. M. Magill, assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Sheet feeding and gauging mechanisms. 2,396,481; Mar. 12.

Wilckens, Eibe A., and E. M. Magill, assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Conveyer loading mechanism. 2,408,838; Oct. 8.

Wilcolator Company, The, assignee: *See*—
Burch, Lyndon W.
Parkhurst, Malcolm K.
Waddell, Benson F.
Wilson, Harry A.

Wilcox, Everett, Hyattsville, Md. Power plant. 2,400,899; May 28.

Wilcox-Gay Corporation, assignee: *See*—
Gay, Paul S.

Wilcox, Isaac L., assignor to Oswego Falls Corporation, Fulton, N. Y. Article formed of laminated sheet material. 2,396,358; Mar. 12.

Wilcox, Kenneth: *See*—
Braithwaite, Robert C., and Wilcox.

Wilcox, Philip E., New York, N. Y., assignor to The Leavitt Machine Company, Orange, Mass. Apparatus for refacing gate valves. 2,408,280; Sept. 24.

Wilcox, Richard L., assignor to The Waterbury Farrel Foundry & Machine Company, Waterbury, Conn. Making nut blanks. 2,393,850; Jan. 29.

Wilcox, Richard L., assignor to The Waterbury Farrel Foundry & Machine Company, Waterbury, Conn. Guide for knockout pins in headers or the like. 2,401,805; June 11.

Wilcoxon, Kenneth H., Cabin John, Md. Cable fairing and device for applying and removing the same. 2,401,783; June 11.

Wilcoxon, Kenneth H., Cabin John, Md. Sweep wire passing device. 2,409,233; Oct. 15.

Wilcoxon, Kenneth H., Cabin John, and L. Landweber, Bethesda, Md. Water kite. 2,403,036; July 2.

Wild, Alfred, Milwaukee, Wis. Thermostatic switch. 2,405,869; Aug. 13.

Wild-Barfield Electric Furnaces Limited, assignee: *See*—
Grene, George H. S.

Wild, Edward, and H. C. Bitter, West Hartford, assignors to The Parker Stamp Works, Inc., Hartford, Conn. Roll type die holder. 2,409,409; Oct. 15.

Wild, Rudolf F., assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring and controlling apparatus. 2,404,344; July 16.

Wilde, Arthur, assignee, et al.: *See*—
Hull-Ryde, Arthur.

Wilde, Cecil B.: *See*—
Ross, Earl T., and Wilde.

Wilde, Henry D., Houston, Tex., assignor to Standard Oil Development Company. Polymerization process. 2,405,480; Aug. 6.

Wilder, Frank N., Louisville, Ky., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymerization of Chloroprene. 2,394,347; Feb. 5.

Wilder, Frank N., Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dispersions of neoprene in aqueous media. 2,405,724; Aug. 13.

Wilder, Lot S.: *See*—
Jelley, Edwin E., and Wilder.
Vittum, Paul W., and Wilder.

Wilder, Marshall P., Berlin, Conn., assignor to Remington Rand Inc., Buffalo, N. Y. Manufacture of vacuum apparatus. 2,398,340; Apr. 9.

Wilder, Raymond S., Waltham, Mass. Illuminating unit for optical projectors. 2,409,328; Oct. 15.

Wildermuth, James A., Little Falls, N. Y., assignor to Cherry-Burrell Corporation, Wilmington, Del. Heat exchange apparatus. 2,392,021; Jan. 1.

Wildhaber, Ernest: *See*—
Johanson, Magnus H., and Wildhaber.

Wildhaber, Ernest, Brighton, assignor to Gleason Works, Rochester, N. Y. Cutter for producing gears. 2,392,278; Jan. 1.

Wildhaber, Ernest, Brighton, assignor to Gleason Works, Rochester, N. Y. Gearing. 2,392,441; Jan. 8.

Wildhaber, Ernest, Brighton, assignor to Gleason Works, Rochester, N. Y. Producing face clutches. 2,394,222; Feb. 5.

Wildhaber, Ernest, Brighton, assignor to Gleason Works, Rochester, N. Y. Face clutch. 2,398,570; Apr. 16.

Wildhaber, Ernest, Brighton, assignor to Gleason Works, Rochester, N. Y. Grinding clutches, gears, and other toothed parts. 2,401,446; June 4.

Wildhaber, Ernest, Brighton, assignor to Gleason Works, Rochester, N. Y. Face clutch. 2,405,171; Aug. 6.

Wildhaber, Ernest, Brighton, assignor to Gleason Works, Rochester, N. Y. Method and tool for producing face clutches. 2,410,913; Nov. 12.

Wildt and Company Limited, assignee: *See*—
Holmes, Henry H.
Holmes, Henry H., and Saunders.
Wildt, Edwin, Holmes, and Hurd.

Wildt, Edwin, H. H. Holmes, and J. C. H. Hurd, assignors to Wildt and Company Limited, Leicester, England, a British Company. Knitting machine. 2,396,767; Mar. 19.

Wildt, Edwin, H. H. Holmes, and J. C. H. Hurd, assignors to Wildt and Company Limited, Leicester, England. Knitted fabric. 2,403,201; July 2.

Wiles, Robert C.: *See*—
Manu, Reginald W., and Wiles.

Wiley, Fred E., assignor to Plax Corporation, Hartford, Conn. Prevention of crazing of flash heated shapes of polystyrene. 2,402,221; June 18.

Wiley, Fred E., Hartford, R. W. Canfield, West Hartford, R. S. Jesionowski, Hartford, and J. Bailey, West Hartford, assignors to Plax Corporation, Hartford, Conn. Process and apparatus for producing continuous sheet of biaxially oriented organic polymer. 2,412,187; Dec. 3.

Wiley, Harold: *See*—
Washburn, Harold W., and Wiley.

Wiley, John W.: *See*—
Paschke, Herbert, and Wiley.

Wiley, Lee M., Marion, Ind., assignor of one-third to J. T. Lett, and one-third to R. B. Wiley. Laminated sheet pulp container and forming same. 2,395,703; Feb. 26.

Wiley, Ralph M., Midland, assignor to The Dow Chemical Company, Midland, Mich. Vinylidene chloride polymer extrusion. 2,409,521; Oct. 15.

Wiley, Reeley B., assignee: *See*—
Wiley, Lee M.

Wiley, Richard H.: *See*—
Hill, Julian W., Lindsey, and Wiley.

Wilfert, Karl, Sindelfingen, and B. Barényi, Boblingen, Germany; vested in the Alien Property Custodian. Vehicle suspension. 2,401,209; May 28.

Wilhelm, Albert R., Louisville, Ky. Safety device for boat hoists. 2,404,153; July 16.

Wilhide, Glenn C., Baltimore County, Md., assignor to The Black and Decker Manufacturing Company. Electric screw driver and nut runner. 2,394,348; Feb. 5.

Wilhide, Glenn C., Towson, Md., assignor to The Black and Decker Manufacturing Company. Bit control for percussive tools. 2,413,273; Dec. 24.

Wilhoyte, Howard J., Jr., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Scrape-abrasion testing machine. 2,397,227; Mar. 26.

Wilke, Milton E., assignor to Burgess Battery Company, Freeport, Ill. Dry cell. 2,403,571; July 9.

Wilken, John, East St. Louis, Ill. Portable scrubbing bucket. 2,392,208; Jan. 1.

Wilkening Manufacturing Company, assignee: *See*—
Loeb, William S.

Wilkerson, Edward D., Orange, N. J. Vehicle wheel alignment testing apparatus and testing vehicle wheel alignment. 2,401,715; June 4.

Wilkerson, Jefferson R.: *See*—
Rea, Wilton T., and Wilkerson.

Wilkerson, Jefferson R., Bayside, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electronic telegraph transmitter distributor. 2,412,642; Dec. 17.

Wilkerson, Victor O., Vestal, assignor to International Business Machines Corporation, New York, N. Y. Record controlled machine. 2,408,715; Oct. 1.

Wilkes, Benjamin G., Wilkinsburg, Pa., assignor to Carbide and Carbon Chemicals Corporation. Insect repellent. 2,407,205; Sept. 3.

Wilkes, Frederic, Wilkinsburg, Pa. Grease dispenser. 2,405,481; Aug. 6.

Wilkie, Charles B.: *See*—
Conner, William S., and Wilkie.

Wilkie, James W., and E. G. Franklin, assignors to Continental Machines, Inc., Minneapolis, Minn. Tracer control. 2,395,525; Feb. 26.

Wilkie, James W., and E. G. Franklin, assignors to Continental Machines, Inc., Minneapolis, Minn. Duplicating machine and electrical control therefor. 2,413,274; Dec. 24.

Wilkin, James G., New Hurley, N. Y. Window sash. 2,408,281; Sept. 24.

Wilkins, Ralph R., Cortland, N. Y. Lens cleaning dispenser cabinet. 2,411,310; Nov. 19.

Wilkins, Richard A., and E. S. Bunn, Rome, assignors to Revere Copper and Brass Incorporated, New York, N. Y. Recovering the constituents of scrap bi-metal. 2,403,419; July 2.

Wilkins, Roger D., Oak Park, Ill., assignor to Western Felt Works, Chicago, Ill. Vibration-absorbing pad. 2,395,949; Mar. 5.

Wilkinson, Charles W., assignor to J. G. Helms, Plant City, Fla. Distributor shaft and camshaft adaptation. 2,404,017; July 16.

Wilkinson, Clarence E.: *See*—
Wilkinson, Ralph W. and C. E.

Wilkinson, Ralph W. and C. E., Kansas City, Mo. Portable sprayer. 2,394,415; Feb. 5.

Wilkinson, Samuel, Rowley Park, and A. Green, Coventry, England. Dimension testing gauge. 2,410,697; Nov. 5.

Will, E. C., assignee, et al.: *See*—
Lewis, James O.

Willamette Hyster Company, assignee: *See*—
Dimick, Henry N.
Shoemaker, Robert C.

Willard, Alfred R., East Cleveland, assignor to Willard Storage Battery Company, Cleveland, Ohio. Casting machine. 2,393,213; Jan. 15.

Willard, Gerald W.: *See*—
Shockley, William, and Willard.

Willard, Gerald W., Fanwood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Ultrasonic cell. 2,392,350; Jan. 8.

Willard, Gerald W., Fanwood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Refractoscope. 2,401,381; June 4.

Willard, Gerald W., Fanwood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Quartz crystal testing device and method. 2,401,382; June 4.

Willard Storage Battery Company, assignee: *See*—
Donkin, William F.
Willard, Alfred R.

Willard, Waldo W., Schenectady, assignor to Ford Instrument Company, Inc., Long Island City, N. Y. Apparatus and method for testing self-synchronous transmission systems. 2,402,108; June 11.

Willard, Waldo W., Schenectady, N. Y., assignor to General Electric Company. Sighting mechanism. 2,408,356; Sept. 24.

Willby, Norman H.: *See*—
Atwell, Clarence A., and Willby.

Willcox, Frederick P., U. S. Army, Arlington County, Va. Adjusting camera bed plates. 2,397,573; Apr. 2.

Willcox, Frederick P., U. S. Army, South Arlington, Va. Lens coupled range finder for cameras. 2,413,017; Dec. 24.

Willcox & Gibbs Sewing Machine Company, assignee: *See*—
Tamburro, Francis P.

Willenborg, Walter J., Weehawken, N. J., assignor to Inert Gas Equipment, Inc., New York, N. Y. Inert gas producing apparatus. 2,392,711; Jan. 8.

Willey, Grant S.: *See*—
Frost, Orcutt W., and Willey.

Willgoos, Andrew V. D.: *See*—
Hobbs, Leonard S., and Willgoos.

Willgoos, Andrew V. D., West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Cylinder head. 2,401,210; May 28.

Willgoos, Andrew V. D., West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Cylinder head. 2,401,211; May 28.

Wm. Bros. Boiler & Manufacturing Co., assignee: *See*—
Ashenden, Ernest W.
Carroll, Charles V.

Williams, Alfred L. W., Cleveland Heights, and A. P. Dank, assignors to The Brush Development Company, Cleveland, Ohio. Microphone. 2,406,119; Aug. 20.

Williams, Alfred O.: *See*—
Burrows, Robert J., and Williams.

Williams, Alfred O., Battle Creek, assignor to Clark Equipment Company, Buchanan, Mich. Resilient wheel. 2,392,562; Jan. 8.

Williams, Alfred O., Battle Creek, assignor to Clark Equipment Company, Buchanan, Mich. Shaft brake. 2,395,207; Feb. 19.

Williams, Alfred O., Battle Creek, assignor to Clark Equipment Company, Buchanan, Mich. Brake construction. 2,400,673; May 21.

Williams, Alfred O., Battle Creek, assignor to Clark Equipment Company, Buchanan, Mich. Axle generator drive. 2,404,115; July 16.

Williams, Benjamin M., assignor to Gaylord Container Corporation, St. Louis, Mo. Container. 2,395,363; Feb. 19.

Williams, Benjamin M., assignor to Gaylord Container Corporation, St. Louis, Mo. Container. 2,395,364; Feb. 19.

Williams, Benjamin M., assignor to Gaylord Container Corporation, St. Louis, Mo. Container. 2,407,463; Sept. 10.

Williams, Bernard, Mountain Home, Ark. Mucking and loading machine. 2,399,416; Apr. 30.

Williams, C. K., & Co., assignee: *See*—
Ayers, Joseph W.

Williams, Calvin C., Philadelphia, Pa. Steam engine. 2,402,699; June 25.

Williams, Charles, Antioch, Nebr. Fumigator. 2,400,674; May 21.

Williams, Charles W., Louisville, Ky. Method and apparatus for pressing, deaerating and drying. 2,397,827; Apr. 2.

Williams Cut Sole Co., assignee: *See*—
Williams, Parker.

Williams, David M., New Haven, Conn., assignor to Olin Industries, Inc. Bolt-action firearm. 2,404,555; July 23.

Williams, David M., New Haven, Conn., assignor to Olin Industries, Inc. Cartridge-extracting mechanism for firearms. 2,412,663; Dec. 17.

Williams, Dayton M., Bynumville, Mo. Buck rake stacker. 2,404,154; July 16.

Williams, Edward B., Jr., Greenville, Tex. Side wall core barrel. 2,401,893; June 11.

Williams, Elmer R., Tulsa, Okla. Pressure relief valve. 2,407,754; Sept. 17.

Williams, Emil F.: *See*—
Foster, George H., and Williams.

Williams, Ervin L., Los Angeles, Calif. Motor driven signal. 2,408,590; Oct. 1.

Williams, Ethel C., administratrix: *See*—
Williams, James B. and E. C.

Williams, Francis A., assignor to one-half New-Era Walls, Limited and one-half to Cyclops Commercial and Construction Co., Ltd., Toronto, Ontario, Canada. Apparatus for forming blocks of concrete or other hardening material. 2,398,267; Apr. 9.

Williams, Frank W., and J. Clark, Dayton, Ohio. Testing for imperfections in vibratable objects. 2,421,240; Dec. 10.

Williams, Frederick W. H.: *See*—
Clarke, Thomas B., and Williams.

Williams, Harrison J., Garvey, assignor to C. B. Equipment Co., Los Angeles, Calif. Sprocket and jackshaft connection for motor vehicles. 2,402,266; June 18.

Williams, Harvey A., and P. A. Jung, Davison, Mich.; said Jung assignor to said Williams. Mount for telescopic gun sights. 2,396,404; Mar. 12.

Williams, Harvey L., Greenwich, Conn., and P. S. Kellum, Newark, N. J., assignors to Crown Fastener Corporation, Warren, R. I. Slide fastener device. 2,394,732; Feb. 12.

Williams, Herbert J., assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Valve mechanism. 2,401,716; June 4.

Williams, Hoke S., St. Petersburg, Fla. Ornament for cars. 2,410,914; Nov. 12.

Williams, Ira: *See*—
Tisdale, Wendell H., and Williams.

Williams, Ira, and F. W. Selfridge, assignors to J. M. Huber Corporation, Borger, Tex. Apparatus for making carbon black. 2,399,969; May 7.

Williams, J. H., & Co., assignee: *See*—
Kress, Willard C.

Williams, James: *See*—
Simpson, John, Jr., and Williams.

Williams, James B., deceased; E. C. Williams, administratrix, Houston, Tex. Thread and glass cutting compound. 2,396,403; Mar. 12.

Williams, Jesse D., Jr., Shively, assignor to Henry Vogt Machine Co., Inc., Louisville, Ky. Timing system for ice making apparatus. 2,396,308; Mar. 12.

Williams, John B., Wellesley, Mass. Nonspillable inkwell. 2,393,546; Jan. 22.

Williams, John H.: *See*—
Mastney, Edward J., and Williams.

Williams, John J., Bridgeport, Conn. Battery terminal post cleaning device. 2,405,680; Aug. 13.

Williams, John J., Bridgeport, Conn. Battery servicing. 2,412,932; Dec. 17.

Williams, Judson, Philadelphia, Pa. Cylinder and piston and producing a working seal therebetween. 2,397,067; Mar. 19.

Williams, La Mar S., Provo, Utah. Combination salt and pepper shaker. 2,411,489; Nov. 19.

Williams, Lawrence S., assignor to Toledo Scale Company, Toledo, Ohio. Indicating mechanism. 2,400,277; May 14.

Williams, Lawrence S., assignor to Toledo Scale Company, Toledo, Ohio. Counting mechanism. 2,405,626; Aug. 13.

Williams, Lawrence S., assignor to Toledo Scale Company, Toledo, Ohio. Ticket printing mechanism. 2,407,522; Sept. 10.

Williams, Lawrence S., assignor to Toledo Scale Company, Toledo, Ohio. Weighing scale. 2,410,139; Oct. 29.

Williams, Lawrence S., assignor to Toledo Scale Company, Toledo, Ohio. Reduction camera. 2,412,761; Dec. 17.

Williams, Lewis E., Jr., and P. L. Smith, Los Angeles, assignors to Douglas Aircraft Company, Inc., Santa Monica, Calif. Rivet. 2,410,398; Oct. 29.

Williams, Lisle C., Memphis, Tenn. Venetian blind. 2,401,283; May 28.

Williams, Lloyd, L. F. Wright, and R. Hendricks, Calgary, Alberta, assignors to The Consolidated Mining and Smelting Company of Canada, Limited, Montreal, Quebec, Canada. Production of ammonium nitrate. 2,402,192; June 18.

Williams, Lloyd M., Chesapeake, Ohio. Length in terms of weight measuring device. 2,399,528; Apr. 30.

Williams, Lorris: *See*—
Barkstrom, Elmer E., and Williams.

Williams, Louise H., **assignor of one-half to P. Bozeman,** West Los Angeles, Calif. **Collapsible receptacle.** 2,406,427; **Aug. 13.**

Williams, Lynn A., Jr.: *See—*
McCollum, Henry J. De N., and Williams.

Williams, Lynn A., Jr., Northfield, **assignor to Stewart-Warner Corporation,** Chicago, Ill. Heating apparatus. 2,401,032; May 28.

Williams, Lynn A., Jr., Northfield, assignor to Stewart-Warner Corporation, Chicago, Ill. Engine exhaust flame arrester. 2,401,806; June 11.

Williams, Lynn A., Jr., Northfield, **assignor to Stewart-Warner Corporation, Chicago, Ill. Heating apparatus.** 2,404,676; July 23.

Williams, Lynn A., Jr., Northfield, assignor to Stewart-Warner Corporation, Chicago, Ill. Air conditioning apparatus for aircraft. 2,412,110; Dec. 3.

Williams, Merle R., San Antonio, Tex. Apparatus for unbelling ammunition. 2,409,651; Oct. 22.

Williams, Milton, Houston, Tex., **assignor to Standard Oil Development Company.** Removal of H_2S **from gases.** 2,403,319; **July 2.**

Williams, Oilin W.: *See—*
Brown, Luther E., and Williams.

Williams, Otis L., Jr.: *See—*
Adlas, Venancio, II.

Williams, Parker, Weston, assignor to Williams Cut Sole Co., Boston, Mass. Making shoe sole taps. 2,393,210; Jan. 15.

Williams, Paul H., Berkeley, Calif., assignor to Shell Development Company, San Francisco, Calif. Dihydroberyl thiocyano esters and compositions containing same. 2,394,280; Feb. 5.

Williams, Paul H., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Organic thiocyano compounds. 2,409,329; Oct. 15.

Williams, Philip S., Tulsa, Okla., assignor to **Standard Oil Development Company.** Well logging. 2,408,012; **Sept. 24.**

Williams, Ralph E., River Forest, and L. J. Nowak, Jr., **assignors to B. F. Gump Co.,** Chicago, Ill. **Weighing and dispensing apparatus.** 2,406,934; Sept. 3.

Williams, Ralph H., Danvers, assignor to Sylvania Electric Products Inc., Salem, Mass. Electrical discharge device. 2,401,998; June 11.

Williams, Raymond L., Arcadia, Calif. Balanced pressure switch. 2,412,377; Dec. 10.

Williams, Robert D.: *See—*
O'Neal, Wilburn W., and Williams.
Swensen, Albert D., and Williams.

Williams, Robert H.: *See—*
Fuller, Everett W., Berger, and Williams.

Williams, Robert L., Newton, assignor, by mesne assignments, to Submarine Signal Company, Boston, Mass. Apparatus for submarine signaling. 2,407,697; Sept. 17.

Williams, Robert M.: *See—*
Arthur, James L., and Williams.

Williams, Russell J.: *See—*
Brady, Charles V., and Williams.

Williams, Russell J., Richmond Heights, and **A. S. Littlefield, assignors to Bemis Bro. Bag Company,** St. Louis, Mo. **Bag filling apparatus.** 2,403,149; **July 2.**

Williams, Russell J., Richmond Heights, and H. C. Davis, assignors to Bemis Bro. Bag Company, St. Louis, Mo. Bag closure means and method. 2,404,337; July 16.

Williams, Samuel B., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,402,700; June 25.

Williams, Thomas G., Johannesburg, Transvaal, Union of South Africa. Device for teaching dancing. 2,402,109; June 11.

Williams, Vernon H., Androssan, and H. R. Wright, West Kilbride, Scotland, assignors to Imperial Chemical Industries Limited. Manufacture of detonating explosives and products obtained thereby. 2,407,595; Sept. 10.

Williams, Villor P., Chicago, Ill. Shock resisting heel. 2,394,281; Feb. 5.

Williams, Ward, Brandon, Wis. Toy blower. 2,411,490; Nov. 19.

Williams, Warren L., Jr., U. S. Navy. Magnetic minesweeping underwater electrode. 2,396,734; Mar. 19.

Williams, William A., assignor to The American Pulley Company, Philadelphia, Pa. Mechanism for control of spindles. 2,401,536; June 4.

Williams, William A., Port Crane, assignor to General Aniline & Film Corporation, New York, N. Y. X-ray exposure calculator. 2,411,491; Nov. 19.

Williams, William E., New York, N. Y. Forming scratch-resistant articles. 2,408,540; Oct. 1.

Williams, William J., Chicago, Ill. Electromagnetic motor and circuit controls therefor. 2,402,933; June 25.

Williams, William R., Dunsmuir, Calif. Nut lock. 2,409,969; Oct. 22.

Williams, Willis E., New Orleans, La. Wrench. 2,402,477; June 18.

Williams-Foxcroft, Stanley G., Woodlands, Kemsing, England. Coupling device for connecting pipes or conduits. 2,398,170; Apr. 9.

Williamson, Marshall I., New Haven, and H. A. Carruth, Northford, **assignors to National Folding Box Company,** New Haven, Conn. Hinged cover container. 2,403,698; July 9.

Williamson, Tom, Port Arthur, Tex., and N. A. Scardino, **Lockport, Ill., assignors, by mesne assignments, to The** Texas Company, New York, N. Y. Cracking and coking hydrocarbon oils. 2,395,081; Feb. 19.

Williamson, William, assignor to M. Wright & Sons, Limited, Quorn, England. Woven fabric. 2,398,484; Apr. 16.

Williamson, William R.: *See—*
Saco, Felix, Jr., and Williamson.

Williamson, William R., assignor to **The Maxim Silencer** Company, Hartford, Conn. Evaporator. 2,392,893; Jan. 15.

Williford, Edward A., White Plains, N. Y., assignor to National Carbon Company, Inc. Brush for electrical machinery. 2,412,701; Dec. 17.

Willig, Celestin E., Buffalo, N. Y. Side arm heater. 2,406,052; Aug. 20.

Willingham, Elijah N., Santa Rosa, Calif. Protractor for pipe bending machines. 2,403,420; July 2.

Willis, Bernard D., Oak Park, Ill., assignor to Automatic Electric Laboratories, Inc. Machine for calculating the cost of telephone calls. 2,402,222; June 18.

Willis, Charles C., Bound Brook, N. J., **assignor to Crown Fastener Corporation,** Warren, R. I. Enclosure. 2,405,539; Aug. 6.

Willis, E. J., Company, The, **assignee:** *See—*
Smeaille, Robert D.

Willis, James M.: *See—*
Batchelder, George W., Nagle, Vyverberg, and Willis.

Willis, Milton P., Dallas, Tex., **assignor to American Telephone and Telegraph Company.** Equipment for observing dial tone speed. 2,405,339; Aug. 6.

Willits, Charles W., Saginaw, Mich. Paper cutter. 2,399,529; Apr. 30.

Willman, Richard C.: *See—*
Morlock, William J., and Willman.

Willman, Walter, St. Petersburg, Fla., assignor to **James Heddon's Sons,** Dowagiac, Mich. Fishing reel. **2,391,935; Jan. 1.**

Willman, Walter, St. Petersburg, Fla., assignor to James Heddon's Sons, Dowagiac, Mich. Skirted fish lure. 2,413,344; Dec. 31.

Willmore, Charles B.: *See—*
Stroup, Philip T., and Willmore.

Willmore, Charles B., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Thermal reduction of oxidic magnesium ore. 2,402,193; June 18.

Willmott, Herbert J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Reversible and variable speed mechanism. 2,410,915; Nov. 12.

Willoughby, Eric O., London, W. C. 2, England, assignor to International Standard Electric Corporation, New York, N. Y. Radio altimeter. 2,395,928; Mar. 5.

Willoughby, Eric O., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Inductive coupling arrangement. 2,399,779; May 7.

Willoughby, Eric O., assignor to Standard Telephones and Cables Limited, London, England. Keying arrangement. 2,413,018; Dec. 24.

Willoughby, Victor, Concord, N. H., assignor to American Car and Foundry Company, New York, N. Y. Side plate construction for freight cars. 2,407,523; Sept. 10.

Wills, Henry P., Ottawa, Ontario, Canada, assignor to Armstrong Siddeley Motors Limited, Coventry, England. Emergency relief valve for use in automatically by-passing a hydraulic unit or the like. 2,404,936; July 30.

Wills, John A., Altadena, and E. P. Wheaton, assignors to Fairchild, Polley & Ellel, Inc., Los Angeles, Calif. Aerial camera mount. 2,393,851; Jan. 29.

Wills, Walter P., assignor to The Brown Instrument Company, Philadelphia, Pa. Control apparatus. 2,398,341; Apr. 9.

Wills, Walter P., Philadelphia, assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring apparatus. 2,404,894; July 30.

Wills, Walter P., assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring and control apparatus. 2,413,128; Dec. 24.

Wilson, Charles T., Canaan, assignor to Local Industries, Incorporated, Lakeville, Conn. Cutting attachment for hoes. 2,403,893; July 9.

Willstaedt, Harry C.: *See—*
Askelof, Eric E. A., Svartz, and Willstaedt.

Willys-Overland Motors, Inc., assignee: *See—*
Roos, Delmar G.

Wilmington Chemical Corporation, assignee: *See—*
Rostler, Fritz S., Sternberg, and du Pont.
Rostler, Fritz S., Wilson, and du Pont.

Wilmsen, Joseph, Rushland, Pa. Chenille making machine. 2,408,898; Oct. 8.

Wilputte Coke Oven Corporation, assignee: *See—*
Wethly, Frans.

Wilsey, Ruth A., executrix, assignee: *See—*
Gosswiller, Earl W.

Wilson, Alexander L.: *See—*
Stoops, William N., and Wilson.

Wilson, Alfred W., New Westminster, British Columbia, Canada. Trailer hitch. 2,407,464; Sept. 10.

Wilson, Allen B.: *See—*
Stuart, Kimberly, and Wilson.

Wilson, Allen B., Evanston, assignor to Acme Steel Company, Chicago, Ill. Winding reel. 2,394,503; Feb. 5.

Wilson, Allen B., Evanston, assignor to Acme Steel Company, Chicago, Ill. Curtain rod. 2,401,212; May 28.

Wilson, Allyn J., assignor of twenty-five per cent to A. J. Shaw, twenty-five per cent to M. P. Shaw, and twenty-five per cent to M. L. Wilson, Gloversville, N. Y. Carriage bootee. 2,398,510; Apr. 16.

Wilson, Arthur P.: *See—*
Pontius, George W., III, and Wilson.

Wilson, Arthur P.: *See—*
Pontius, George W., III, Wilson, and Kuzmitz.

Wilson, Burton J., assignor to Vickers Incorporated, Detroit, Mich. Power transmission pump. 2,411,606; Nov. 26.

Wilson Carbon Company, Inc., assignee: *See—*
Andrews, Ralph J.

Wilson, Cecil B., London, and A. W. White, Ruislip, assignors to Hoover Limited. Perivale, Greenford, England. **Fluid pressure delivery mechanism.** 2,395,439; Feb. 26.

Wilson, Charles D., West Allis, **assignor to Allis-Chalmers Manufacturing Company,** Milwaukee, Wis. Position indicator. 2,392,209; Jan. 1.

Wilson & Company, assignee: *See—*
Hodson, George F.

Wilson & Company, Inc., assignee: *See—*
Hodson, George F., and Campbell.

Wilson, Cyril D., Metuchen, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Photographic emulsion. 2,393,351; Jan. 22.

Wilson, David S., Muskegon Heights, Mich., assignor to John Wood Manufacturing Company, Inc., Philadelphia, Pa. Compound motion fluid distribution valve for wabbler plate meters. 2,413,670; Dec. 31.

Wilson, David W., assignee: *See—*
Kellas, Elizabeth M.

Wilson, Delbert L., and J. W. Quinn, assignors to The City Engineering Company, Dayton, Ohio. Turning machine. 2,395,365; Feb. 19.

Wilson, Donald L., Coventry, England, assignor to Courtaulds, Limited, London, England. Manufacture of polyvinyl alcohol threads. 2,399,970; May 7.

Wilson, Edwin A., Rutherford, and W. D. Newman, Elizabeth, N. J., assignors to Interchemical Corporation, New York, N. Y. Producing zinc yellow. 2,410,910; Nov. 12.

Wilson, Eleanor D.: *See—*
Pfuntner, Richard A., and Wilson.

Wilson, Ellis C., H. F. Stock, and G. B. Heffelfinger, assignors to The Marion Steam Shovel Company, Marion, Ohio. Walking tractor. 2,399,417; Apr. 30.

Wilson, Elvin H., assignee: *See—*
Handelan, Daniel.

Wilson Engineering Corporation, assignee: *See—*
Wilson, Lyndon F., and Preston.

Wilson, Ernest D., Worcester, assignor to Arthur D. Little, Inc., Cambridge, Mass. Electrodeposition of copper. 2,411,674; Nov. 26.

Wilson, Ernest E., near Milford, assignor to General Motors Corporation, Detroit, Mich. Resonator silencer. 2,403,699; July 9.

Wilson, Ezekiel J., Slingerlands, assignor to F. C. Huyck & Sons, Rensselaer, N. Y. Fulling. 2,398,342; Apr. 9.

Wilson, Golder P., Alton, Ill., assignor to Olin Industries, Inc., Strip processing. 2,407,120; Sept. 3.

Wilson, Frank E., Ashland, G. J. Esselen, Swampscott, and G. F. D'Alelio, assignors, by mesne assignments, to Pro-Phy-Lac-Tic Brush Company, Northampton, Mass. Polyvinyl acetal maleates and making same. 2,413,275; Dec. 24.

Wilson, H. A., Company, The, assignee: *See—*
Guinee, Edward J.

Wilson, Harry A.: *See—*
Alix, Elmer C., and Wilson.

Wilson, Harry A., Rumson, assignor to The Wilcolator Company, Elizabeth, N. J. Pressure cooker. 2,392,077; Jan. 1.

Wilson, James A.: *See—*
Heigl, John J., and Wilson.

Wilson, James E., assignor of one-fourth to G. C. Knight, Detroit, Mich., and one-fourth to D. G. Smith. Metal framed wood container. 2,411,121; Nov. 12.

Wilson, John C., assignor to The Thompson Grinder Company, Springfield, Ohio. Machine tool. 2,398,268; Apr. 9.

Wilson, John C., Bayside, N. Y., assignor, by mesne assignments, to Hazeltine Research, Inc., Chicago, Ill. Color television signal-translating system. 2,413,423; Dec. 31.

Wilson, John H., Wichita Falls, Tex. Armament structure. 2,395,310; Feb. 19.

Wilson, John M.: *See—*
Beam, Vilynn O., Cyr, and Wilson.

Wilson, John M., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Planetary manual control mechanism. 2,397,068; Mar. 19.

Wilson, John M., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Temperature measuring system. 2,407,361; Sept. 10.

Wilson-Jones Company assignee: *See—*
Dawson, George H., and Unger.
Murphy, Edward.
Segal, Samuel.

Wilson Lorraine Company, assignee: *See—*
Wilson, Woodrow O.

Wilson, Lyndon F., and E. A. Preston, assignors to Wilson Engineering Corporation, Chicago, Ill. Separator for boiler blowoff products. 2,404,263; July 16.

Wilson, Mabel L., assignee, et al.: *See—*
Wilson, Allyn J.

Wilson, Mitchell, assignor to Fred'k H. Levey Co., Inc., New York, N. Y. Applying coating films. 2,405,249; Aug. 6.

Wilson, Nina M., assignee: *See—*
Wilson, Winfred E.

Wilson, Norman B., Coulterville, Ill., assignor to Shell Development Company, San Francisco, Calif. Purification of dicarboxylic acids. 2,398,485; Apr. 16.

Wilson, Peter, Vancouver, British Columbia, Canada. Gas torch. 2,394,349; Feb. 5.

Wilson, Philip J., Jr.: *See—*
Wells, Joseph H., and Wilson.

Wilson, Robert E., Upland, Calif. Collet type chuck. 2,400,183; May 14.

Wilson, Ronald M., Devon, assignor to William M. Wilson's Sons, Lansdale, Pa. Locked faucet. 2,403,837; **July 9.**

Wilson, Ronald M., Devon, assignor, by mesne assignments, to William M. Wilson's Sons Inc., Lansdale, Pa. **Faucet.** 2,408,541; Oct. 1.

Wilson, Russel S., Filer, Idaho. Mechanical movement. 2,407,859; Sept. 17.

Wilson, Ryce H., Roseburg, Oreg. Chain saw setting, jointing, and filing device. 2,392,563; Jan. 8.

Wilson, Samuel Winfield, Baton Rouge, La., assignor to Standard Oil Development Company. Butadiene extraction. 2,397,996; Apr. 9.

Wilson, Thomas L., Scotch Plains, assignor to Federal Telegraph Company, Newark, N. J. Low impedance oscillator. 2,411,565; Nov. 26.

Wilson, Thomas S., and R. Zdanowich, assignors to D. Napier & Son Limited, London, England. Torsiograph. 2,412,548; Dec. 10.

Wilson, Vilma M.: *See—*
Rostler, Fritz S., Wilson, and du Pont.

Wilson, Walter G., Martyr Worthy, near Winchester, Hampshire, England. Steering device for aircraft or other vessels. 2,412,486; Dec. 10.

Wilson, Warren C., Rahway, N. J., assignor to Standard Oil Development Company. Fractional distillation. 2,404,677; July 23.

Wilson, Wayne E., Schenectady, N. Y., assignor to General Electric Company. Electrode holder. 2,401,383; June 4.

Wilson, William H., assignor to Fruit & Vegetable Processing Co., Los Angeles, Calif. Packing leafy vegetables for shipment. 2,413,120; Dec. 24.

Wilson, William S., Haddonfield, N. J., assignor to Radio Corporation of America. Measurement of time between pulses. 2,412,111; Dec. 3.

Wilson, Wesley, Chicago, Ill. Raising and lowering apparatus for electric lighting fixtures. 2,391,936; Jan. 1.

Wilson, Wesley, Chicago, Ill. Convertible mounting means for punch and die tools. 2,395,082; Feb. 19.

Wilson, Wesley, Chicago, Ill. Press. 2,395,083; Feb. 19.

Wilson, Wilfrid G., Fort William, Ontario, Canada. Grinder. 2,403,775; July 9.

Wilson, William F.: *See—*
Allen, Robert C., Kenney, and Wilson.

Wilson, William J., Tehachapi, Calif. Fire tool. 2,400,451; May 14.

Wilson, William S., Brookline, and H. N. Dole, Haverhill, Mass., assignors to Monsanto Chemical Company, St. Louis, Mo. Treatment of water to remove silica. 2,396,220; Mar. 5.

Wilson, William W., Los Angeles, Calif. Pipe tong. 2,406,520; Aug. 27.

Wilson, Winfred E., Los Angeles, Calif., assignor of one-half to N. M. Wilson. Plywood structure. 2,409,819; Oct. 22.

Wilson, Woodrow O., assignor to Wilson Lorraine Company, Los Angeles, Calif., a partnership composed of W. Othell and L. J. Platt. Photographic compound. 2,398,986; Apr. 23.

Wilson's, William M., Sons, assignee: *See—*
Wilson, Ronald M.

Wiltrakis, Joseph E.: *See—*
Rea, Wilson W., and Wiltrakis.

Winans, Charles F.: *See—*
Glowacki, William L., and Winans.

Winans, Charles F., Borough of Beaver, Beaver County, Pa., assignor, by mesne assignments, to Koppers Company, Inc. Treating cresylic pitch to obtain tar-acids therefrom. 2,398,687; Apr. 16.

Winans, Mark, New York, N. Y. Toy gun. 2,413,090; Dec. 24.

Winarsky, Benjamin: *See—*
Winarsky, Nathan and B.

Winarsky, Nathan and B., assignors to Belmont Body Builders, Newark, N. J. Tire inflation guard. 2,407,049; Sept. 3.
Winburn, A., assignee: *See*—
McKee, Thomas.
Wincharger Corporation, assignee: *See*—
Albers, John R. and G. H.
Albers, John R., and Lasensky.
Winchel, Henry T., North Hollywood, Calif., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Radio cabinet and shockmount base. 2,407,804; Sept. 17.
Windle, Donald E., Richmond, Ind. Glider location indicator. 2,396,453; Mar. 12.
Windson, Antoine E., La Jolla, Calif. Balloon sealing device. 2,396,906; Mar. 19.
Windsor, Edward V.: *See*—
Clark, Thomas, Windsor, and Hart.
Windsor, Frederick N., assignor to The Bastian-Blessing Co., Chicago, Ill. Underwater cutting torch. 2,396,546; Mar. 12.
Windsor, Reginald H., and E. Gaspar, London, England; said Gaspar assignor to said Windsor. Machine for molding thermosetting materials. 2,410,324; Oct. 29.
Wine, William E., Toledo, Ohio. Railway car. 2,402,267; June 18.
Wine, William E., Toledo, Ohio. Demountable traction unit for tractor wheels. 2,408,591; Oct. 1.
Wineman, Wade H., Michigan City, Ind., assignor to Joy Manufacturing Company. Bit sharpening mechanism. 2,404,201; July 16.
Wineman, Wade H., Michigan City, Ind., assignor to Joy Manufacturing Company. Pumping apparatus. 2,408,013; Sept. 24.
Wineman, Wade H., Michigan City, Ind., assignor to Joy Manufacturing Company. Pumping apparatus. 2,408,014; Sept. 24.
Winer, Ephraim, Baltimore, assignor to The National Plastic Products Company, Odenton, Md. Plastic framed laminated panel and method. 2,402,717; June 25.
Winfield, Edward A., Los Angeles, Calif. Internal-combustion engine head. 2,394,576; Feb. 12.
Wing, L. J., Mfg. Co., assignee: *See*—
Wheller, Harry S.
Wingate, Jack E., Norfolk, Va. Slicing apparatus. 2,405,385; Aug. 6.
Wingfoot Corporation, assignee: *See*—
Bricker, Carl E.
Calvert, William C.
Carson, Clarence M.
Cavallito, Chester J.
Cheyney, La Verne E.
Clifford, Albert M., and Lichty.
Clunan, Albert B.
Cox, Fred W.
Cox, Fred W., and Wallace.
Donnell, Lloyd H., and Shaw.
Gardner, Charles E.
Gracia, Albert J., and Powers.
Haase, Jorgen I.
Hardman, Albert F.
Heck, Haas F.
Lichty, Joy G.
Lockridge, Jack K.
Long, John R.
Mallory, Gerald D.
Martin, Ralph C.
McMahan, William W.
Mott, Elmer S.
Pace, Henry A.
Pacevitz, Henry A.
Rogers, Thomas H., Jr.
Scott, Winfield.
Seeger, Nelson V.
Taylor, William H., and Jones.
Taylor, William H., and Workman.
Ten Broeck, Theodore R.
Thompson, Harry H.
Thompson, Harry H., and Moore.
Van Orman, Ward T.
Vincent, Joseph F.
Wox, Fred W.
Wolfe, William D.
Zarth, Charles E.
Wingrove, Byron F., Beaumont, Tex., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Treating waxy stocks. 2,411,492; Nov. 19.
Winkelmann, Samuel A., West Columbia, Tex., and J. C. Wright, Abbeville, La., assignors to The Texas Company, New York, N. Y. Scale-peptizing composition. 2,411,074; Nov. 12.
Winkels, Bernard, assignee: *See*—
Fischer, Albert L.
Winkler, De Loss E.: *See*—
Ballard, Seaver A., and Winkler.
Winkler, Marion R., assignor to J. P. Seeburg Corporation, Chicago, Ill. Automatic phonograph. 2,398,067; Apr. 9.
Winkley, Erastus E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Heel coating apparatus 2,401,395; June 4.
Winkley, Erastus E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine for treating tanned skins. 2,404,873; July 30.
Winn, Bertelle I., Yonkers, N. Y. Electric caldron. 2,405,103; July 30.
Winn, Sidney B., Lapeer, Mich. Safety jaw for fifth wheel assemblies. 2,411,404; Nov. 19.
Winn, William E., Dallas, Tex., and P. F. Dougherty, Chester, Pa., assignors to Sun Oil Company, Philadelphia, Pa. Logging wells. 2,408,964; Oct. 8.
Winn, William E., Dallas, Tex., and P. F. Dougherty, Chester, Pa., assignors to Sun Oil Company, Philadelphia, Pa. Logging wells. 2,408,965; Oct. 8.
Winnek, Philip S.: *See*—
Roblin, Richard O., and Winnek.
Winnek, Philip S., Indianapolis, Ind., assignor to American Cyanamid Company, New York, N. Y. Preparation of 2-chloropyrazine. 2,396,066; Mar. 5.
Winnek, Philip S., Indianapolis, Ind., assignor to American Cyanamid Company, New York, N. Y. Preparation of 2-(N⁴-acylsulfanilamido) pyrazine. 2,403,776; July 9.
Winnek, Philip S., Indianapolis, Ind., and Q. P. Cole, Greenwich, Conn., assignors to American Cyanamid Company, New York, N. Y. Preparation of 2-aminopyrazine. 2,396,067; Mar. 5.
Winnek, Philip S., and R. O. Roblin, Jr., Stamford, Conn.; assignors to American Cyanamid Company, New York, N. Y. Sulfonamido pyrimidines. 2,410,793; Nov. 5.
Winnick, Mary H., assignee: *See*—
Winnick, Raymond M.
Winnick, Raymond M., Stratford, Conn., assignor to M. H. Winnick. Amusement device. 2,402,861; June 25.
Winning, Carl: *See*—
McNab, John G., and Winning.
Winning, Carl, Westfield, and J. G. McNab, Cranford, N. J., assignors to Standard Oil Development Company. Lubricant composition. 2,409,726; Oct. 22.
Winslow, Arthur F., Schenectady, N. Y., assignor to General Electric Company. Synthetic wax composition. 2,399,085; Apr. 23.
Winslow, Albert E., Norwich, assignor, by mesne assignments, to Farrel-Birmingham Company, Incorporated, Ansonia, Conn. Wire stranding machine. 2,400,323; May 14.
Winslow, Albert E., Norwich, assignor, by mesne assignments, to Farrel-Birmingham Company, Incorporated, Ansonia, Conn. Strand packaging apparatus. 2,400,324; May 14.
Winslow, Albert E., Norwich, assignor, by mesne assignments, to Farrel-Birmingham Company, Incorporated, Ansonia, Conn. Thread finishing machine. 2,400,325; May 14.
Winslow, Charles A., Oakland, Calif. Combined bilge and tank washer and jet pump. 2,404,202; July 16.
Winslow, James C.: *See*—
York, Jones O., and Winslow.
Winslow, Samuel J., Providence, R. I. Vanity for automobile compartments. 2,406,450; Aug. 27.
Winston, Love, Chicago, Ill. Conveying apparatus. 2,405,920; Aug. 13.
Winstrom, Leon, Tonawanda, assignor to Allied Chemical & Dye Corporation, New York, N. Y. Manufacture of fumaric acid. 2,393,352; Jan. 22.
Wintak, Incorporated, assignee: *See*—
Clark, John T.
Winter, Charles L., Chicago, Ill., assignor to United Autographic Register Co. Stationery feeding device with retractable pins. 2,401,596; June 4.
Winter, Charles L., Chicago, Ill., assignor to United Autographic Register Co. Pin-type feeding device. 2,401,597; June 4.
Winter, Courtney P., deceased, M. B. Winter, executrix, assignor to Sanitary Tampon Corporation, Chambersburg, Pa. Tampon applicator. 2,413,480; Dec. 31.
Winter, Courtney P., deceased, and D. A. Rosenthal, M. B. Winter, executrix of said C. P. Winter, assignors to Sanitary Tampon Corporation, Chambersburg, Pa. Manufacture of tampons. 2,401,284; May 28.
Winter, Fred H., Schenectady, N. Y., assignor to General Electric Company. Field control systems for synchronous machines. 2,407,121; Sept. 3.
Winter, Marguerite P., executrix: *See*—
Winter, Courtney P.
Winter, Courtney P., and Rosenthal.
Winterfeld, Henry, New York, N. Y. Permutation lockbox. 2,407,362; Sept. 10.
Winterhalter, Martin, Morcote, near Lugano, Switzerland. Separable fastener. 2,397,331; Mar. 26.
Wintersteiner, Oskar, New Brunswick, N. J., assignor to E. R. Squibb & Sons, New York, N. Y. Chemical compound and method. 2,400,380; May 14.
Wintersteiner, Oskar, New Brunswick, and W. L. Ruigh, Princeton, N. J., assignors to E. R. Squibb & Sons, New York, N. Y. Chemical compounds. 2,411,177; Nov. 19.
Winther, Anthony, Kenosha, Wis., assignor to M. P. Winther, trustee. Electromagnetic friction control device. 2,395,772; Feb. 26.
Winther, Anthony, Kenosha, Wis., assignor to M. P. Winther, as trustee. Electrical coupling control apparatus. 2,411,122; Nov. 12.

Winther, Martin P., trustee, assignee: *See*—
Winther, Anthony.
Winther, Martin P.
Winther, Martin P., assignor to M. P. Winther, trustee, Waukegan, Ill. Eddy-current electric apparatus. 2,393,211; Jan. 15.
Winther, Martin P., Waukegan, Ill., assignor to M. P. Winther, trustee. Electromagnetic apparatus. 2,403,421; July 2.
Winthrop Chemical Company, Inc., assignee: *See*—
Kuhn, Richard, and Wieland.
Kwartler, Charles E., and Lucas.
Tullar, Benjamin F.
Wintle, Thomas D. G.: *See*—
Hill, Walter E., Wintle, and Morgan.
Wintringham, Andrews C.: *See*—
Weiss, Robert H., and Wintringham.
Wintsch, Max T., assignor of thirty-nine and one-half per cent to N. M. Weaver, H. Chamberlain, Sr., thirteen per cent, and M. M. Cohen, ten per cent, Lancaster, Pa. Ignition system. 2,394,350; Feb. 5.
Wipff, Frank P.: *See*—
Bedford, Alda V., and Wipff.
Wipff, Frank P., Princeton, N. J., assignor to Radio Corporation of America. Multiplier circuit. 2,401,447; June 4.
Wipper, George and V. F., Jacksonville, Fla. Neckerchief and making the same. 2,402,795; June 25.
Wipper, George and V. F., Jacksonville, Fla. Neckerchief display knot and making. 2,405,921; Aug. 13.
Wipper, Vivien F.: *See*—
Wipper, George and V. F.
Wire Machinery Corporation of America, Incorporated: *See*—
Swanson, Victor T.
Wirkler, Walter H., assignor to Collins Radio Company, Cedar Rapids, Iowa. Method and apparatus for medium high frequency direction finders. 2,393,353; Jan. 22.
Wirkler, Walter H., assignor to Collins Radio Company, Cedar Rapids, Iowa. Azimuth radio direction finding system. 2,408,118; Sept. 24.
Wirkler, Walter H., assignor to Collins Radio Company, Cedar Rapids, Iowa. Heterodyne radio direction finding system. 2,408,119; Sept. 24.
Wirkler, Walter H., assignor to Collins Radio Company, Cedar Rapids, Iowa. Radio direction finding system. 2,408,120; Sept. 24.
Wirkler, Walter H., assignor to Collins Radio Company, Cedar Rapids, Iowa. Direction finding system with frequency shift. 2,408,121; Sept. 24.
Wirkler, Walter H., assignor to Collins Radio Company, Cedar Rapids, Iowa. Heterodyne direction finder with single receiver. 2,408,122; Sept. 24.
Wirshing, Ralph J., and F. E. Smith, assignors to General Motors Corporation, Detroit, Mich. Drawing reproduction. 2,407,596; Sept. 10.
Wirsing, Rosa: *See*—
Wirsing, Sebastian and R.
Wirsing, Sebastian and R., Long Island City, N. Y. Hair curler. 2,410,617; Nov. 5.
Wirt, Charles F.: *See*—
Kupersmith, Leo S., and Wirt.
Wirtel, Arthur F.: *See*—
De Groote, Melvin, Keiser, and Wirtel.
Wirth, Emil O., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine control mechanism. 2,393,440; Jan. 22.
Wirth, Emil O., assignor to Bendix Aviation Corporation, South Bend, Ind. Venting means. 2,406,120; Aug. 20.
Wirth, Richard R., Westwood, Ohio. Underwater inspection and photographing device. 2,404,536; July 23.
Wirth, Walter V., Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. The preparation of mercaptans. 2,395,240; Feb. 19.
Wirz, Henry, Long Beach, Calif. Flashlight. 2,401,033; May 28.
Wisconsin Alumni Research Foundation, assignee: *See*—
McCoy, Elizabeth F.
Wolf, Frank M.
Wisconsin Electric Power Company, assignee: *See*—
Dornbrook, Frederick L.
Wise, Edmund M.: *See*—
Gagnebin, Albert P., and Wise.
Wise, Edmund M., Westfield, and R. F. Vines, Plainfield, N. J., assignors to The International Nickel Company, Inc., New York, N. Y. Electroformed article. 2,397,583; Apr. 2.
Wise, Leonard G.: *See*—
Lazier, Wilbur A., Signaigo, and Wise.
Wise, Raleigh J.: *See*—
Hieronymus, Charles G., Ridings, and Wise.
Ridings, Garvice H., and Wise.
Wise, Raleigh J., Dunellen, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. System and apparatus for facsimile telegraphy. 2,394,577; Feb. 12.
Wise, Raleigh J., Dunellen, and G. H. Ridings, Summit, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Facsimile telegraph system and apparatus. 2,392,442; Jan. 8.
Wise, Raymond O., Short Hills, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,408,462; Oct. 1.
Wisecarver, George B., Pikeville, Ky. Shoe heel construction. 2,407,524; Sept. 10.
Wisegarver, Orton H., Los Angeles, Calif., assignor to Adel Precision Products Corp. Wire connector. 2,393,083; Jan. 15.
Wiseley, Don C., Los Angeles, Calif. Inertia operated circuit maker and breaker. 2,400,278; May 14.
Wiser, Winston D., Muncy, Pa. Automatically adjustable wire rope die. 2,413,595; Dec. 31.
Wislicenus, George F., Summit, assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Rotor. 2,395,704; Feb. 26.
Wisman, Franklin O., and W. C. Rohn, assignors to Bendix Aviation Corporation, South Bend, Ind. Automatic machine gun charger. 2,410,767; Nov. 5.
Wisniewski, Edmund S.: *See*—
Schramm, Roy A., and Wisniewski.
Wissmiller, Henry: *See*—
McKeown, George H., and Wissmiller.
Witchger, Eugene S., Grosse Pointe, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Pump construction. 2,408,716; Oct. 1.
Withall, Albert P., trustee, assignee, et al.: *See*—
Geiger, William A.
Withall, Albert P., trustee, et al.: *See*—
Geiger, William A.
Witham, George S., Hudson Falls, N. Y. Apparatus for debarking timber. 2,400,725; May 21.
Witham, Marion R., Westfield, N. J. Shoulder pad. 2,407,755; Sept. 17.
Witherow, William P.: *See*—
Henderson, Albert.
Witherow, William P., assignee: *See*—
Henderson, Albert.
Withers, Samuel C., Jr., Williamstown, Mass., assignor of one-third to F. P. Colburn, Burlington, Vt. Educational device. 2,394,282; Feb. 5.
Witkiewicz, Roman, Lwow, Poland; vested in the Alien Property Custodian. Process and apparatus for performing endothermic catalytic reactions in the gas phase. 2,397,899; Apr. 2.
Witmer, Paul B., Lancaster, Pa. Potato slicer. 2,413,160; Dec. 24.
Witsaman, Delbert V.: *See*—
Grylewicz, Frank S., Hannon, and Witsaman.
Witt, Henry P., Napa, Calif., Steel post oiler cup. 2,400,798; May 21.
Witte, Isadore O., Los Angeles, Calif. Joint for leg braces. 2,410,560; Nov. 5.
Wittenberg, David, Romema, Jerusalem, Palestine. Rotary pump. 2,403,572; July 9.
Wittenberg, Edward H., assignor to National Pressure Cooker Company, Eau Claire, Wis. Pressure cooker. 2,395,602; Feb. 26.
Wittenmyer, Carlos: *See*—
Jahoda, Edward, and Wittenmyer.
Wittenmyer, Carlos, Mount Clemens, Mich. Automatic typewriter. 2,394,733; Feb. 12.
Wittenmyer, Carlos, Mount Clemens, Mich. Posting machine. 2,404,264; July 16.
Witter, Lawrie L., assignee: *See*—
Sullivan, John J.
Wittkuhns, Bruno A.: *See*—
Hight, William R., and Wittkuhns.
Wittkuhns, Bruno A., Summit, and P. Chantemerle, Fort Lee, N. J., assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Damping eliminator for gyroscopic compasses. 2,406,879; Sept. 3.
Wittle, Eugene L.: *See*—
Marker, Russell E., Crooks, Jr., and Wittle.
Marker, Russell E., and Wittle.
Wittlinger, Leonard M., Flint, assignor to General Motors Corporation, Detroit, Mich. Signal system. 2,399,715; May 7.
Wittlinger, Leonard M., Flint, assignor to General Motors Corporation, Detroit, Mich. Mercury arc device. 2,403,700; July 9.
Witts, Glenn H.: *See*—
Sparrow, Hubert T., Taylor, and Witts.
Witts, Horace: *See*—
Boston, William E., and Witts.
Witty, George, Long Island City, N. Y. Liquid coating composition and making same. 2,406,649; Aug. 27.
Wodack Electric Tool Corporation, assignee: *See*—
Schwarzkopf, Arthur R.
Wodal, Francis A., Camden, N. J. Airplane control. 2,396,309; Mar. 12.
Woessner, Warren W.: *See*—
Waddell, James, and Woessner.
Wohl, Maurice J., Brooklyn, N. Y. Electric snap switch. 2,404,874; July 30.
Wohlmeyer, Josef, Berlin, Germany; vested in the Alien Property Custodian. Percussive tools operated by an internal combustion engine. 2,396,627; Mar. 12.
Wolcott, Glenn W., assignor to United Aircraft Products, Inc., Dayton, Ohio. Relief valve. 2,400,861; May 21.
Wolcott, Herbert, Columbia, Mo. Toggle fastening means for floating closures. Re. 22,798; Oct. 1.
Wolf, Alexander, and L. G. Cowles, Houston, Tex., assignors to The Texas Company, New York, N. Y. Well sounding apparatus. 2,411,311; Nov. 19.

Wolf, Alfred, Tulsa, Okla., assignor to Geophysical Research Corporation, New York, N. Y. Electrical measuring instrument. 2,400,326; May 14.

Wolf, Austin M., Plainfield, N. J. Vehicle suspension control mechanism. 2,405,250; Aug. 6.

Wolf, Cecil R.: *See*—
Ferris, William D., and Wolf.

Wolf, Ernest L.: *See*—
Thompson, Ernest H., Lockhart, and Wolf.

Wolf, Frank M., assignor to Wisconsin Alumni Research Foundation, Madison, Wis. Fuel distribution system for high-temperature pebble bed furnaces. 2,408,282; Sept. 24.

Wolf, Howard C., Cleveland, Ohio. End plate for bundle accessories. 2,402,701; June 25.

Wolf, Joseph, Beverly Hills, assignor to S. Wolf, Los Angeles, Calif. Campaign bar and mounting therefor. 2,392,351; Jan. 8.

Wolf, Lester J.: *See*—
Gluvas, Thomas M., Jr., and Wolf.

Wolf, Lester J., Audubon, N. J., assignor to Radio Corporation of America. Communication system for ultra-high frequencies. 2,407,860; Sept. 17.

Wolf, Melanie, New York, N. Y. Sanitary food sheltering and eating plate device. 2,395,084; Feb. 19.

Wolf, Otto R., Oak Park, assignor to Tribune Company, Chicago, Ill. Slitter mechanism for printing presses. 2,395,950; Mar. 5.

Wolf, Richard H., Gary, Ind. Canning device. 2,393,491; Jan. 22.

Wolf, Robert A., and H. L. Bowers, Kenmore, assignors to Bell Aircraft Corporation, Buffalo, N. Y. Seal for aircraft control rods. 2,413,671; Dec. 31.

Wolf, Sylvan, assignee: *See*—
Wolf, Joseph.

Wolfard, Meri R., Cambridge, Mass. Stabilizing means for tension elements hanging with sag to sustain loading between supports. 2,413,019; Dec. 24.

Wolfe, Asher M., Bloomsburg, Pa. Navigation computer. 2,408,357; Sept. 24.

Wolfe, Bernard J., Irondequoit, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Optical instrument. 2,399,971; May 7.

Wolfe, George H., Brooklyn, N. Y., assignor to D. E. McKenzie, Reno, Nev. Gas cleaner apparatus. 2,392,872; Jan. 15.

Wolfe, Harry H., assignor to The Buckeye Steel Castings Company, Columbus, Ohio. Locomotive coupler. 2,400,584; May 21.

Wolfe, Herbert J., Maspeth, assignor to American Can Company, New York, N. Y. Oleo-resinous coating composition and preparing same. 2,397,179; Mar. 26.

Wolfe, John F., Lapeer, Mich. Circular saw and dado cover. 2,406,979; Sept. 3.

Wolfe, Joseph A., Seattle, Wash. Bed attachment. 2,401,999; June 11.

Wolfe, Lester, United States Navy. Timepiece regulator. 2,393,071; Jan. 29.

Wolfe, Lester, U. S. Navy. Star identifier. 2,402,194; June 18.

Wolfe, William D., Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Polymerizing vinyl compounds. 2,393,007; Jan. 15.

Wolfenden, Harry C., Attleboro, Mass. Cloth dyeing machine. 2,412,188; Dec. 3.

Wolfenden, Harry C., Attleboro, Mass. Collapsible and expansible spindle. 2,413,091; Dec. 24.

Wolff, Alexander A., Long Beach, N. Y. Cooking utensil. 2,413,204; Dec. 24.

Wolff, Barry S., Millington, and H. Gottesman, Park Ridge, N. J. Receptacle for waste disposal. 2,411,015; Nov. 12.

Wolff, Irving, Merchantville, N. J., assignor to Radio Corporation of America. Apparatus for and method of pulse keying. 2,401,807; June 11.

Wolff, Irving, Merchantville, N. J., assignor to Radio Corporation of America. Apparatus for and method of pulse keying. 2,403,624; July 9.

Wolff, Irving, Merchantville, N. J., assignor to Radio Corporation of America. Drift indicator. 2,403,625; July 9.

Wolff, Irving, Merchantville, N. J., assignor to Radio Corporation of America. Distance and direction determination. 2,407,198; Sept. 3.

Wolff, Irving, Merchantville, N. J., assignor to Radio Corporation of America. Communication and distance determining system. 2,407,199; Sept. 3.

Wolff, Irving, Merchantville, N. J., assignor to Radio Corporation of America. Object detection and location. 2,412,702; Dec. 17.

Wolff, Irving, Merchantville, N. J., assignor to Radio Corporation of America. Radio locator device. 2,412,703; Dec. 17.

Wolff, Irving, Princeton, N. J., assignor to Radio Corporation of America. Cathode ray apparatus. 2,413,276; Dec. 24.

Wolff, Irving, Merchantville, and W. D. Hershberger, Collingswood, N. J., assignors to Radio Corporation of America. Signaling system. 2,401,717; June 4.

Wolff, Irving, and R. S. Holmes, Haddonfield, N. J., assignors to Radio Corporation of America. Radio pulse position indicating system. 2,403,626; July 9.

Wolff, Otto E., Chestnut Hill, assignor of one-fourth to Polaroid Corporation, Cambridge, Mass. Clutch mechanism. 2,400,585; May 21.

Wolfner, William F., II.: *See*—
Long, John A., and Wolfner.

Wolfner, William F., II, Methuen, assignor to Photoswitch Incorporated, Cambridge, Mass. Photoelectric control. 2,401,396; June 4.

Wolfner, William F., II, Philadelphia, Pa., assignor to Radio Corporation of America. Remote control system. 2,411,607; Nov. 26.

Wolfner, William F., II, Asbury Park, N. J., assignor to Photoswitch Incorporated, Cambridge, Mass. Electronic relay. 2,413,020; Dec. 24.

Wolfram, John N., assignor to The Parker Appliance Company, Cleveland, Ohio. Vibration dampening fitting. 2,397,180; Mar. 26.

Wolfram, John N., and W. Maky, assignors to The Parker Appliance Company, Cleveland, Ohio. Coupling for tubes. 2,412,664; Dec. 17.

Wolfson, Henry, and S. C. Shepard, London, England, assignors, by mesne assignments, to Standard Electric Corporation, New York, N. Y. Resistance type detector. 2,413,021; Dec. 24.

Wolk, I. Louis, Bartlesville, Okla., assignor to Phillips Petroleum Company. Isomerization of saturated hydrocarbons. 2,405,386; Aug. 6.

Wolk, I. Louis, Bartlesville, Okla., assignor to Phillips Petroleum Company. Treating hydrocarbons. 2,407,861; Sept. 17.

Wolk, I. Louis, and J. D. Upham, Bartlesville, Okla., assignors to Phillips Petroleum Company. Production of synthetic rubber. 2,396,907; Mar. 19.

Woll, Harry J., Indianapolis, Ind., assignor to Radio Corportation of America. Gas tube circuit. 2,409,522; Oct. 15.

Woll, Harry J., Indianapolis, Ind., assignor to Radio Corporation of America. Transducer system. 2,412,023; Dec. 3.

Wollensak Optical Company, assignee: *See*—
Czarnikow, George K.
Pirwitz, Friedrich A. G.

Wollin, Morey E., Brookline, Mass. Lock. 2,408,283; Sept. 24.

Wollner, Herbert J., Washington, D. C., J. R. Matchett, Berkeley, Calif., and J. Levine, Washington, D. C. High vacuum fractionating still. 2406,421; Aug. 27.

Wollner, Paul: *See*—
Kittel, George P., and Wollner.

Wolowicz, Chester S., Bloomfield, and J. J. Terpay, Irvington, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Adjusting mechanism. 2,404,116; July 16.

Womack, Harry G., Atlanta, Ga. Window frame parting stop. 2,412,189; Dec. 3.

Womack, Harry G., Atlanta, Ga. Window frame parting stop. 2,412,190; Dec. 3.

Womble, Glenn F., assignor to Riverside & Dan River Cotton Mills, Inc., Danville, Va. Continuous dyeing of textile materials. 2,396,908; Mar. 19.

Womble, Glenn F., Danville, Va., assignor to Riverside & Dan River Cotton Mills, Incorporated. Selvage for rayon fabrics. 2,400,327; May 14.

Wommack, Kenneth L.: *See*—
Langer, Bernard F., and Wommack.

Wong, Ian J.: *See*—
Allison, Byron L., and Wong.

Woock, Walter R. J., Auburn, Calif. Drum valve and faucet. 2,405,681; Aug. 13.

Wood, Alfred R., Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Means for timing loop-takers of sewing machines. 2,392,793; Jan. 8.

Wood, Alfred R., Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Work clamp for sewing machines. 2,410,399; Oct. 29.

Wood, Alfred R., Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Thread controlling device. 2,410,400; Oct. 29.

Wood, Alfred R., Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Buttonhole sewing machine. 2,411,493; Nov. 19.

Wood Briquettes, Inc., assignee: *See*—
Bowling, Robert T.

Wood, Carlos C.: *See*—
Clauser, Francis H., and Wood.

Wood, Charles W., Schenectady, N. Y., assignor to General Electric Company. Sectional enclosing casing. 2,401,598; June 4.

Wood Conversion Company, assignee: *See*—
Heritage, Clark C.
Heritage, Clark C., and Walter.

Wood, David H., Barnt Green, and H. J. Roe, Knowle, England. Core making machine. 2,409,330; Oct. 15.

Wood, Donald L., assignor to Eastman Kodak Company, Rochester, N. Y. Artificial horizon. 2,413,399; Dec. 31.

Wood, Earl S., assignor to Whitin Machine Works, Whitinsville, Mass. Spindle adusting means. 2,413,092; Dec. 24.

Wood, Edward L., Detroit, Mich. Wheel trim. 2,394,958; Feb. 12.

Wood-Flex Fashions Inc., assignee: *See*—
Kallsher, Benjamin.

Wood, Frank E., executor: *See*—
Sutton, Henry M.

Wood, Frank J., Riverside, assignor to Goodman Manufacturing Company, Chicago, Ill. Reeling device for strip metal. 2,399,418; Apr. 30.

Wood, Frank J., Riverside, assignor to Goodman Manufacturing Company, Chicago, Ill. Loading and feeding apparatus for coils of strip metal. 2,404,155; July 16.

Wood, Frederick C.: *See*—
Hall, Archibald J., and Wood.

Wood, Frederick D., Jacksonville, Fla. Baby carrier. 2,409,331; Oct. 15.

Wood, Frederick P., assignor to Simplex Paper Corporation, Adrian, Mich. Mechanism for creping paper. 2,393,672; Jan. 29.

Wood, Fredric E., Oak Park, Ill., assignor to Automatic Electric Laboratories, Inc. Electromagnetic relay. 2,397,635; Apr. 2.

Wood, Fredric E., Oak Park, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Electromagnetic relay. 2,400,452; May 14.

Wood, Fredric E., Oak Park, Ill., assignor to Automatic Electric Laboratories, Inc. Switch structure. 2,401,213; May 28.

Wood, Fredric E., Oak Park, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Electromagnetic relay. 2,404,469; July 23.

Wood, Gar, Industries, Inc., assignee: *See*—
Monahan, John C.
Shaffer, George D.

Wood, George, Toronto, Ontario, Canada. Automatic drain device for cooling system. 2,408,183; Sept. 24.

Wood, George R., Montreal, Quebec, Canada, assignor to Toledo Scale Company, Toledo, Ohio. Slice receiving tray. 2,400,279; May 14.

Wood, George R., Montreal, Quebec, Canada, assignor to Toledo Scale Company, Toledo, Ohio. Food slicing machine. 2,402,519; June 18.

Wood, George R., Montreal, Quebec, Canada, assignor to Toledo Scale Company, Toledo, Ohio. Food handling apparatus. 2,402,520; June 18.

Wood, George R., Montreal, Quebec, Canada, assignor to Toledo Scale Company, Toledo, Ohio. Food handling apparatus. 2,404,557; July 23.

Wood, George R., Montreal, Quebec, Canada, assignor to Toledo Scale Company, Toledo, Ohio. Food handling apparatus. 2,407,525; Sept. 10.

Wood, George R., Montreal, Quebec, Canada, assignor to Toledo Scale Company, Toledo, Ohio. Slicing machine. 2,408,717; Oct. 1.

Wood, George R., Montreal, Quebec, Canada, assignor to Toledo Scale Company, Toledo, Ohio. Meat slicing machine. 2,410,698; Nov. 5.

Wood, Glenn D., assignor to Posture Research Corporation, Elkhart, Ind. Chair. 2,402,934; June 25.

Wood, Glenn D., and F. L. Turner, assignors to Posture Research Corporation, Elkhart, Ind. Chair seat. 2,412,112; Dec. 3.

Wood, James R., Cleveland, Ohio, assignor to Harris-Seybold Company. Gripper mechanism. 2,411,123; Nov. 12.

Wood, John E., Baxley, assignor to Ernest L. Robarts, Brunswick, Ga. Game of travel. 2,399,902; May 7.

Wood, John, Manufacturing Company, Inc., assignee: *See*—
Willson, David S.

Wood, Joseph K., assignor to General Spring Corporation, New York, N. Y. Support device. 2,412,852; Dec. 17.

Wood, Joseph L., and R. B. MacMullin, Niagara Falls, assignos to The Mathieson Alkali Works, Inc., New York, N. Y. Preparation of fusions containing magnesium chloride. 2,406,935; Sept. 3.

Wood, Joseph R., Portsmouth, Va. Pipe cleaner and dent straightener. 2,402,796; June 25.

Wood, Louvan E., Baltimore, Md., assignor to Bendix Aviation Corporation, South Bend, Ind. Follow-up mechanism. 2,407,200; Sept. 3.

Wood Newspaper Machinery Corporation, assignee: *See*—
Roesen, Oscar C.

Wood Process Company, Inc., assignee: *See*—
Cline, McGarvey.

Wood, Robert W., Princeton, N. J., assignor to Kaiser Fleetwings, Inc., Bristol, Pa. Method and apparatus for generating curves. 2,409,603; Oct. 15.

Wood, Ross, Waltham, assignor, by mesne assignments, to Raytheon Manufacturing Company, Newton, Mass. Filamentary cathode suspension. 2,402,797; June 25.

Wood, Ross, Waltham, assignor to Raytheon Manufacturing Company, Newton, Mass. Electrical space discharge tube. 2,406,422; Aug. 27.

Wood, Wilbur W.: *See*—
Shaw, Burton E., and Wood.

Wood, William, Jr., Vancouver, British Columbia, Canada. Shoe protector. 2,410,853; Nov. 12.

Wood, William B.: *See*—
Terrett, Joseph, and Wood.

Wood, William H.: *See*—
Rothrock, Henry S., and Wood.

Wood, William H., Jr., Ansonia, Conn. Anchor. 2,413,596; Dec. 31.

Woodall-Duckham (1920) Limited, assignee: *See*—
Millener, William H.

Woodall, Earl C., San Diego, Calif. Internal-combustion engine. 2,402,798; June 25.

Woodberry, John H., and F. W. Hoewischer, Metuchen, N. J. Selective loader for cartridge machines. 2,402,195; June 18.

Woodberry, John H., Johnsonville, S. C., C. G. Storm, Washington, D. C., J. S. Barker, Rochester, N. Y., F. H. Miles, Jr., Mahwah, and H. M. Brayton, Dover, and C. E. Seavey, Rockaway, N. J., assignors to the Secretary of War of the United States of America, trustee. Fuse. 2,402,702; June 25.

Woodbridge, Joseph L., Philadelphia, Pa., assignor to The Electric Storage Battery Company. Filling and venting structure for storage batteries. 2,401,448; June 4.

Woodburn, Harold G., Munhall, Pa. Machine for forming flat strips into articles. 2,402,478; June 18.

Woodbury, Stephen E., assignor to Reid Brothers Company, Inc., Beverly, Mass. Grinding machine. 2,403,160; July 2.

Woodcock, Reginald B., Leicester, England, assignor to United Shoe Machinery Corporation, Flemington, N. J. Safety device for power-operated machines. 2,401,808; June 11.

Wooddell, Charles E., G. Van Nimwegen, and E. T. Hager, assignors to The Carborundum Company, Niagara Falls, N. Y. Bonded abrasives. 2,400,036; May 7.

Woodfield Engineering Limited, assignee: *See*—
Spooner, Reginald A. W.

Woodhouse, John C., Cragmere, and C. D. Bell, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Treatment of wood. 2,395,311; Feb. 19.

Woodin, Norman C., Peoria, Ill. Tractor loader. 2,394,830; Feb. 12.

Woodin, William H., Jr., assignee: *See*—
Soller, Walter.

Woodin, William H., Jr., assignee, et al.: *See*—
Krebs, Richard P.

Woodings-Verona Tool Works, assignee: *See*—
Skowron, Edmund A.

Woodman, Kenneth L., Mansfield, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Warming pad. 2,392,712; Jan. 8.

Woodman, Kenneth L., Mansfield, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Resistor and making. 2,394,130; Feb. 5.

Woodman, Kenneth L., Mansfield, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Thermostat. 2,405,003; July 30.

Woodmansee, Clay G.: *See*—
Meyer, Gerhard and Woodmansee.

Woodruff, Albert E., Oak Park, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Receiver ear piece. 2,407,731; Sept. 17.

Woodruff, Arthur B., Brocksville, Ohio, assignor to Harris-Seybold Company. Sheet delivery mechanism. 2,406,936; Sept. 3.

Woodruff, Howard C., Philadelphia, Pa. Resinous composition and producing the same. 2,409,332; Oct. 15.

Woodruff, William N.: *See*—
Herschede, Walter J., W. F., and Woodruff.

Woods, Charles H., Middletown, Conn. Mechanical movement. 2,398,486; Apr. 16.

Woods, John E., Brookline, assignor to Clifford Manufacturing Co., Boston, Mass. Repairing heat exchangers. 2,394,831; Feb. 12.

Woods, Robert J., Grand Island, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Pressured fluid pump or motor. 2,392,279; Jan. 1.

Woods, Robert J., Grand Island, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Fuel transfer system. 2,394,506; Feb. 5.

Woods, Robert J., Grand Island, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Airplane. 2,396,628; Mar. 12.

Woods, Robert J., Grand Island, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Aircraft. 2,400,799; May 21.

Wood's, T. B., Sons Company, assignee: *See*—
Kindig, Arnie J., and Homer.

Woodside, Samuel T., assignor, by mesne assignments, to Lucson Corporation, Chicago, Ill. Wool scouring process and compositions. 2,395,085; Feb. 19.

Woodstock, Willard H., Flossmoor, Ill., assignor to Victor Chemical Works. Producing neutral esters of molecularly dehydrated phosphoric acids. 2,402,703; June 25.

Woodstock, Willard H., Flossmoor, Ill., assignor to Victor Chemical Works. Organic phosphorus and nitrogen containing compounds. 2,406,423; Aug. 27.

Woodstock, Willard H., Flossmoor, and P. E. Pelletier, Jr., Chicago Heights, Ill., assignor to Victor Chemical Works. Producing trialkyl phosphate esters. 2,410,118; Oct. 29.

Woodward, Charles F., Abington, A. Eisner, and P. G. Haines, Philadelphia, Pa., assignors to the United States of America as represented by Claude R. Wickard, Secretary of Agriculture, and his successors in office. Adjunct for tobacco. 2,392,514; Jan. 8.

Woodward, Charles F., Abington, F. B. Talley, Philadelphia, Pa., E. L. Mayer, Sanford, Fla., and E. G. Beinhart, Philadelphia, Pa., assignors to United States of America as represented by the Secretary of Agriculture. Insecticide. 2,392,961; Jan. 15.

Woodward, Clement A., Wellesley, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Electrical contact plug. 2,398,684; Apr. 16.

Woodward, David W.: *See*—
Hanford, William E., Kirby, and Woodward.
Sesse, Virgil B., and Woodward.

Woodward, David W., Wilmington, Del., assignor to E. I. du Pont de Nemours & Company. Color photography. 2,394,527; Feb. 5.

Woodward, Edward F., Seattle, Wash. Interchangeable toolholder. 2,407,201; Sept. 3.

Woodward, Eric R.: *See*—
Hutchinson, Willis S., and Woodward.

Woodward Governor Company, assignee: *See*—
Drake, George F.
Zeigler, Delbert L.

Woodward, Harold E.: *See*—
Kvalnes, Donovan E., and Woodward.

Woodward, Harold E., Penns Grove, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymeric cellulose structure and making same. 2,397,454; Mar. 26.

Woodward, Herbert S., and W. A. Bates, Gabbs, Nev., assignors, by mesne assignments, to Defense Plant Corporation, Washington, D. C. Ore concentration. 2,393,005; Jan. 15.

Woodward, Hiram W., and J. H. Potter, Baltimore, Md. Gas turbine system. 2,401,285; May 28.

Woodward, Joseph H., Los Angeles, Calif. Fish lure. 2,403,202; July 2.

Woodward, Oakley M., Princeton, N. J., assignor to Radio Corporation of America. Capacity switch. 2,400,619; May 21.

Woodward, Robert B., Cambridge, Mass., and W. von E. Doering, New York, N. Y., assignors to Polaroid Corporation, Cambridge, Masses. Isoquinoline derivatives and preparing the same. 2,395,526; Feb. 26.

Woodward, Robert E., Westville, W. P. Hawthorne, Wenonah, N. J., and J. R. Meadow, Memphis, Tenn., assignors to Socony-Vacuum Oil Company, Incorporated. Ethylene alkylation. 2,409,090; Oct. 8.

Woodward & Wright Last Co., assignee: *See*—
Landers, Alton D., and Lindsay.

Woodworth, Fred A., Minneapolis, Minn. Fire control apparatus. 2,402,704; June 25.

Woodworth, N. A., Company, assignee: *See*—
Holwart, Ernest F.
Holwart, Ernest F., and Holwart.
Holwart, George, E. F., and Buckley.

Woody, George A., Springfield, Mass. Forming firearm barrels. 2,413,022; Dec. 24.

Woody, William E., Columbia, Mo. Combined burial casket and vault. 2,406,522; Aug. 27.

Woodyard, John R.: *See*—
Varian, Russell H., Hansen, and Woodyard.

Woodyard, John R., Garden City, N. Y., assignor to Sperry Gyroscope Company, Inc. Measuring apparatus. 2,411,916; Dec. 3.

Wool, Rubin, New York, N. Y. Shaft seal. 2,395,705; Feb. 26.

Woolf, Aaron C. D., assignee: *See*—
Hadley, Frank H.

Woolf, Cyril: *See*—
Galitzenstein, Eugene G., and Woolf.

Woolfolk, Arthur R., Wauwatosa, Wis., assignor to Line Material Company, South Milwaukee, Wis. Making three-phase transformers. 2,394,648; Feb. 12.

Woolfolk, Arthur R., Wauwatosa, assignor to Line Material Company, South Milwaukee, Wis. Electromagnetic device. 2,400,184; May 14.

Woolfolk, Arthur R., Wauwatosa, assignor to Line Material Company, South Milwaukee, Wis. Making three-phase transformers. 2,407,391; Sept. 10.

Woolford, Custis S., South Orange, N. J., assignor to American Can Company, New York, N. Y. Feeding device. 2,395,527; Feb. 26.

Woolley, Besse R., et al.: *See*—
Woolley, Vasser.

Woolley, Vasser, assignor to Seydel-Woolley & Company, Atlanta, Ga., a co-partnership of Georgia, consisting of P. and J. R. Seydel, V. Woolley, M. Seydel, and B. R. Woolley. Apparatus for conditioning packages of yarn, etc. 2,402,521; June 18.

Wooster, Philip A., San Rafael, Calif. Paper feed for towel dispensers. 2,404,421; July 23.

Wooster, Philip A., San Rafael, Calif. Dispensing device. 2,411,917; Dec. 3.

Wooten, Leland A.: *See*—
Thurber, Elmer A., and Wooten.

Worcester, Joseph A., Jr., Fairfield, Conn., assignor to General Electric Company. Receiver circuits. 2,401,214; May 28.

Worcester, Joseph A., Jr., Fairfield, Conn., assignor to General Electric Company. Superregenerative receiver circuit. 2,410,768; Nov. 5.

Worcester, Joseph A., Jr., Bridgeport, Conn., assignor to General Electric Company. Noise suppression circuit. 2,404,338; July 16.

Word, James C., Jr., and J. J. Sims, Phillips, Tex., assignors to Phillips Petroleum Company. Dehydration of hydrohalogen acid by distillation. 2,413,205; Dec. 24.

Worel, Glen J., assignor to Thexton Manufacturing Company, Minneapolis, Minn. Wear compensating device for distributor vacuum control. 2,396,909; Mar. 19.

Work, Lincoln T., Maplewood, and D. L. Mathias, East Orange, assignors to Metal & Thermit Corporation, Carteret, N. J. Coated strand material. 2,395,157; Feb. 19.

Work, Robert H.: *See*—
Brooks, John W., O'Kelly, and Work.
O'Kelly, Arlie A., Plucker, and Work.

Workman, Arnold R., Malverne, assignor to Cities Service Oil Company, New York, N. Y. Manufacture of butadiene from propene and formaldehyde. 2,412,762; Dec. 17.

Workman, Clarence E., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Resilient wheel. 2,404,581; July 23.

Workman, Ernest R., Goshen, Ind. Banding machine. 2,409,652; Oct. 22.

Workman, Robert E.: *See*—
Taylor, William H., and Workman.

Wormald, Robert M.: *See*—
Breth, Walter J., and Wormald.

Wormeck, Herbert A., F. P. Hess, and S. Braun, assignors to Enterprise Manufacturing Company of Pennsylvania, Philadelphia, Pa. Vertical food chopper. 2,399,153; Apr. 23.

Wormell, Robert L., Coventry, assignor to Courtaulds Limited, London, England. Extraction of casein from seeds. 2,406,650; Aug. 27.

Wormser, Felix E., Secretary of Lead Industries, Association, assignee: *See*—
Dick, Robert.

Worrall, George H., Los Angeles, Calif. Kinetograph movement. 2,404,875; July 30.

Worrall, Robert H., Honolulu, Hawaii. Radio direction finder. 2,404,012; July 16.

Worsham, Arthur F., Phoenix, Ariz. Pickup arm. 2,413,206; Dec. 24.

Worth, Joseph, New York, N. Y. Photographic frame rack. 2,404,117; July 16.

Worth, Thomas C., Market Harborough, England. Cleaner. 2,406,278; Aug. 20.

Worthen, Eugene P., Braintree, and F. S. Barbour, Wollaston, Mass., assignors, by mesne assignments, to Buena Vista Iron Company. Apparatus for evaporating and distilling. 2,398,068; Apr. 9.

Worthington, Emory W.: *See*—
Taylor, Auburn, and Worthington.

Worthington, Henry: *See*—
Baldwin, Alfred W., Cusa, and Worthington.

Worthington Pump and Machinery Corporation, assignee: *See*—
Barnaby, James C., and Russell.
Karassik, Igor J.
McBride, Thomas C.
Miller, Ralph, and Jansen.
Mockridge, Chester R., and Allerton.
Schorer, Otto J.
Shumate, Frank D., and Saathoff.
Wisilicenus, George F.
Zwicki, Joseph R.

Worthington, Wayne H., assignor to John Deere Tractor Company, Waterloo, Iowa. Power lift. 2,403,422; July 2.

Wortman, O. W., assignee: *See*—
Sarver, Emmett F.

Wossum, William C., Pasadena, Calif. Magazine loader. 2,394,033; Feb. 5.

Wotiz, John H.: *See*—
Pierce, John S., and Wotiz.

Wrathall, Jay R., Pittsburgh, Pa., and R. L. Findley, Detroit, Mich., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Dynamometer. 2,394,131; Feb. 5.

Wread Overhead Door Co., assignee: *See*—
Wread, William E., Sr.

Wread, William E., Sr., assignor to Wread Overhead Door Co., Los Angeles, Calif. Emergency braking apparatus. 2,410,592; Nov. 5.

Wrenn, Henry D., Germantown, Tenn. Portable boring machine. 2,392,564; Jan. 8.

Wright Aeronautical Corporation, assignee: *See*—
Browne, Kenneth A.
Campbell, Kenneth, and Talbert.
Chilton, Allan.
Chilton, Roland.
Chilton, Roland, and MacCulloch.
Du Bois, George B., Madden, and Meyer.
Francisco, William H., Jr.
Hill, Henry C.
Lundquist, Wilton G.
Rawald, August E.
Sollinger, Ferdinand P.
Steiner, Edward C.
Walsh, Bruce R., and Peterson.
Wiegand, Francis J.

Wright-Batchelder Corporation, assignee: *See*—
Wright, Wallace C.

Wright, Charles E., Toronto, Ontario, Canada. Tape dispenser. 2,401,286; May 28.

Wright, Charles L., Branford, Conn., assignor to The American Steel and Wire Company of New Jersey. Spring lay wire rope and apparatus for manufacturing the same. 2,399,419; Apr. 30.

Wright, Charlie, Oakland, Calif. Respiratory spray hood. 2,410,593; Nov. 5.

Wright, David C., Euclid, and A. L. Ward, Shaker Heights, Ohio, assignors to The Electric Controller & Manufacturing Company, Cleveland, Ohio. Electromagnet. 2,410,794; Nov. 5.

Wright, Donald L., Westfield, and C. W. Bohmer, Jr., Elizabeth, N. J., assignors to Standard Oil Development Company. Lubricant and preparing same. 2,409,333; Oct. 15.

Wright, Edwin C., Beaver, Pa., assignor to National Tube Company. Steel for high temperature service. 2,401,851; June 11.

Wright, Edwin C., Beaver, Pa., assignor to National Tube Company. Well casing. 2,402,862; June 25.

Wright, Francis S.: *See*—
Duncan, Donald M., Wright, Jackson, and Heyne.

Wright, Frank: *See*—
Corey, Horace E., and Wright.

Wright, Fred J., assignor to The Dennison Engineering Company, Columbus, Ohio. Hydraulic apparatus. 2,401,397; June 4.

Wright, Fred J., assignor to The Denison Engineering Company, Columbus, Ohio. Hydraulic apparatus. 2,409,091; Oct. 8.

Wright, Fred J., assignor to The Denison Engineering Company, Columbus, Ohio. Hydraulic apparatus. 2,410,375; Oct. 29.

Wright, Fred J., Upper Arlington, Ohio, assignor, by mesne assignments, to The Jeffrey Manufacturing Company. Overload release. 2,408,501; Oct. 1.

Wright, Hal F., assignor to Chester Manufacturing Company, Lisbon, Ohio. Take-up for roller bearings. 2,408,899; Oct. 8.

Wright, Harold R.: *See*—
Williams, Vernon H., and Wright.

Wright, Harold R., West Kilbride, and James Taylor, Saltcoats, Scotland, assignors to Imperial Chemical Industries Limited. Explosive compositions comprising low freezing liquid mixtures of aromatic-nitro-compounds. 2,407,597; Sept. 10.

Wright, Howard V., Edgewood, Md., and W. W. Sibson, Jr., Philadelphia, Pa. Apparatus for treating fabrics. 2,400,726; May 21.

Wright, Hubert B., Nashville, Tenn. Bottle stopper and pouring spout. 2,408,463; Oct. 1.

Wright, James G. E., Alplaus, and C. S. Oliver, Schenectady, N. Y., assignors to General Electric Company. Preparing dimethyl silicone elastomers. 2,392,713; Jan. 8.

Wright, John C.: *See*—
Winkelmann, Samuel A., and Wright.

Wright, John R., Des Moines, Iowa. Foldable play pen. 2,395,603; Feb. 26.

Wright, Kenneth A., Los Angeles, Calif. Placing cement plugs in well bores. 2,392,352; Jan. 8.

Wright, Kenneth A., Los Angeles, Calif., assignor to B and W, Inc., Long Beach, Calif. Rotary well bore cleaner. 2,402,223; June 18.

Wright, Leonard F.: *See*—
Williams, Lloyd, Wright, and Hendricks.

Wright, M., & Sons, Limited, assignee: *See*—
Williamson, William.

Wright, Milton H.: *See*—
Johnson, Clarence W., Sterling, and Wright, M. H. and R. T.

Wright, Milton H., Lake Bluff, Ill., assignor to Stenographic Machines Inc. Stenographic machine. 2,392,078; Jan. 1.

Wright, Paul L., Newark, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,406,053; Aug. 20.

Wright Products, Inc., assignee: *See*—
Irwin, Justus C.

Wright, Ralph H., Edgewood, and E. C. Watson, Wilkinsburg, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control system. 2,412,933; Dec. 17.

Wright, Richard C., Bay Village, Ohio, assignor to Iron Fireman Manufacturing Company, Portland, Oreg. Grate for burning solid fuel. 2,411,918; Dec. 3.

Wright, Richard O.: *See*—
Rupp, Walter H., and Wright.

Wright, Robert L., II, Dundalk, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Testing insulated conductors. 2,401,398; June 4.

Wright, Robert T.: *See*—
Johnson, Clarence W., Sterling, and Wright, M. H. and R. T.

Wright, Wallace C., Brookfield, N. H., assignor to Wright-Batchelder Corporation, Boston, Mass. Welt for use in stitchdown shoes. 2,399,086; Apr. 23.

Wright's Automatic Machinery Company, assignee: *See*—
Tong, Christopher P., and May.

Writzmann, Alex A., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Waterproof combined electric switch and pistol grip. 2,408,502; Oct. 1.

Wrobbel, Rudolph and W., Lancaster, assignors to American Car and Foundry Company, New York, N. Y. Article lifter. 2,393,946; Jan. 29.

Wrobbel, Walter: *See*—
Wrobbel, Rudolph and W.

Wuehr, William L., Port Arthur, Tex. Internal-combustion engine. 2,393,084; Jan. 15.

Wuehr, William L., Port Arthur, Tex. Internal-combustion engine. 2,393,085; Jan. 15.

Wuensch, Charles E., Saratoga, Calif. Impeller. 2,404,678; July 23.

Wuertz, Elmer J.: *See*—
Wuerts, Paul P. and E. J.

Wuertz, Paul P., Melrose, and E. J. Wuertz, Paynesville, assignors to Minneapolis-Moline Power Implement Company, Minneapolis, Minn. Loader. 2,404,820; July 30.

Wulff, Frank D., Chicago, Ill. Gauging means for lawn mowers. 2,409,921; Oct. 22.

Wulff, John, Cambridge, Mass. Reclamation of tool steel scrap. 2,394,578; Feb. 12.

Wulff, John, Cambridge, Mass. Producing metal powders of high alloy content. 2,407,862; Sept. 17.

Wurlitzer, Rudolph, Co., The, assignee: *See*—
Ahern, William B.
Osenberg, Erwin C.
Von Stroeser, Walter.

Wurlitzer, Rudolph, Company, The, assignee: *See*—
Hayslett, Lamar E., and Osborne.
Hill, Eugene F.
Osborne, Fred H.
Seymour, Lynn L.

Wurzburger, Paul D., Cleveland, Ohio. Vibrationproof coupling. 2,394,351; Feb. 5.

Wyandotte Chemicals Corporation, assignee, et al.: *See*—
Hammond, John A. S.
Heard, Joseph R., Jr.
McCoy, Lowell R.
Schwoegler, Edward J.
Tremain, Henry E., and Bacon.
Wegst, Walter F., Bacon, and McNabney.

Wyche, Ernest H., and R. Smith, Pittsburgh, Pa. Providing inherently aging chromium-nickel stainless steel with different tempers. 2,397,997; Apr. 9.

Wyckoff, Paul W.: *See*—
Gilfillan, Henry W., Borden, and Wyckoff.

Wyeth Incorporated, assignee: *See*—
Patterson, Wilbur L., and Karabinos.
Patterson, Wilbur L., and Karabinos.
Szabo, Lester J.

Wyler, Joseph A., assignor to Trojan Powder Company, Allentown, Pa. Pentaerythritol tetranitrate recovery. 2,394,223; Feb. 5.

Wyler, Joseph A., assignor to Trojan Powder Company, Allentown, Pa. Preparation of cyclotrimethylenetrinitramine. 2,395,773; Feb. 26.

Wyler, Joseph A., assignor to Trojan Powder Company, Allentown, Pa. Explosive composition. 2,407,805; Sept. 17.

Wyler, Joseph A., assignor to Trojan Powder Company, Allentown, Pa. Cyclotrimethylenetrinitramine recovery. 2,410,699; Nov. 5.

Wylie, Charles A., San Bernardino, Calif. Baby carriage. 2,395,208; Feb. 19.

Wylie, Howard W., Seattle, Wash., assignor, by mesne assignments, to Standard-Knapp Corporation, Portland, Conn. System for handling articles. 2,396,936; Mar. 19.

Wyllie, John, Jr., assignor to Temprite Products Corporation, Detroit, Mich. Photographic developing apparatus. 2,400,675; May 21.

Wyman, Floyd H., and J. M. Malik, Toccoa, Ga., assignors to R. G. Le Tourneau, Inc., Stockton, Calif. Forging die and mount assembly. 2,408,542; Oct. 1.

Wyman, Joseph B., Roxana, Ill., and H. D. Loeb, assignors to Shell Development Company, San Francisco, Calif. Fluid catalyst catalytic cracking. 2,405,922; Aug. 13.

Wynn, Arthur H. A.: *See*—
Bell, David A., and Wynn.

Wynn, Harold S.: *See*—
Mackey, Stuart J., and Wynn.

Wynne, Charles G.: *See*—
Warmisham, Arthur, and Wynne.

Wynne, Charles G., assignor to Taylor, Taylor & Hobson Limited, Leicester, England. Optical system. 2,394,959; Feb. 12.

Wynne, Gorrie: *See*—
Warmisham, Arthur, and Wynne.

Wyott Manufacturing Company, The, assignee: *See*—
Titus, Thomas L.

Wyrick, Clayton E., Miami, Fla. Swivel nose screw. 2,398,343; Apr. 9.

Wyrick, Clayton E., Miami, Fla., assignor to The Egry Register Company, Dayton, Ohio. Folding machine. 2,395,983; Mar. 5.

Wyrick, Clayton E., Miami, Fla., assignor to The Egry Register Company, Dayton, Ohio. Web-feeding device. 2,411,075; Nov. 12.

Wyss, Orville, and B. J. Ludwig, Bloomfield, N. J., and M. Rubin, New York, N. Y., assignors to Wallace & Tiernan Products, Inc. Substituted 4-amino benzoic acid. 2,393,673; Jan. 29.

Ximenez, Manuel R., Plainfield, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Hard surfacing of mineral fiber. 2,393,947; Jan. 29.

Yabroff, David L.: *See*—
Crawford, Chester C., **Yabroff.**
Nilson, Alan C., and Yabroff.

Yaeger, Harry C., West Hartford, Conn., assignor to Underwood Corporation. Business machine 2,393,441; Jan. 22.

Yaeger, Harry C., West Hartford, Conn., assignor to Underwood Corporation. Typewriting machine. 2,395,929; Mar. 5.

Yager, Joseph S., Greenville, Miss. Wild goose and duck call. 2,396,359; Mar. 12.

Yaggy, Bernard E., Waterloo, Iowa. Airplane landing gear. 2,404,018; July 16.

Yale, Harry L., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Production of allyl-type esters. 2,400,727; May 21.

Yale, Harry L., and G. W. Hearne, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Production of acyclic ketones. 2,398,885; Apr. 16.

Yale & Towne Manufacturing Company, assignee: *See*—
Carliss, Oswald S.
Schroeder, Charles S.

Yale & Towne Manufacturing Company, The, assignee: *See*—
Framhein, Herbert J.
Johnstone, Theodore H.
Ledin, Charles.
Quayle, George.
Schroeder, Charles S.
Ulinski, Bronislaus.

Yancey, Charles R., Dallas, Tex. Business form. 2,396,221; Mar. 5.

Yanchenko, Basil J., assignor to The Prosperity Company Inc., Syracuse, N. Y. Riveter. 2,405,172; Aug. 6.

Yandell, William H., Mariemont, Ohio; G. M. Bale, executrix of W. H. Yandell, deceased. Power-driven hand plane. 2,395,158; Feb. 19.

Yanks, Adolph J., University Park, Md. Valve for controlling distribution of fluids. 2,403,777; July 9.

Yankun, Peter W., Dorchester, Mass. Combination tool. 2,403,254; July 2.

Yanovsky, Elias: *See*—
Nichols, Philip L., Jr., Meiss, and Yanovsky.

Yant, William P.: *See*—
Jackson, Carey B., Schneider, and Yant.
Murphy, Cornelius J., and Yant.

Yant, William P., assignor to Mine Safety Appliances Company, Pittsburgh, Pa. Air purifying canister. 2,400,185; May 14.

Yant, William P., Murraysville, M. G. Jacobson, Verona, and J. P. Strange, Wilkinsburg, assignors to Mine Safety Appliances Company, Pittsbergh, Pa. Continuous electrolytic gas testing. 2,401,287; May 28.

Yantis, Roy C., assignor, by mesne assignments, to Gibson Refrigerator Company, Greenville, Mich. Ice tray 2,401,894; June 11.

Yard-Man, Inc., assignee: *See*—
Funk, Truman B.

Yardeny, Michel N., New York, N. Y. Multirevolution electrical control system. 2,393,492; Jan. 22.

Yardeny, Michel N., New York, N. Y. Remote-control apparatus. 2,403,161; July 2.

Yardeny, Michel N., New York, N. Y. Control device. 2,403,628; Aug. 13.

Yardeny, Michel N., New York, N. Y. Remote control apparatus with unidirectional stopping. 2,405,629; Aug. 13.

Yardeny, Michel N., New York, N. Y. Delayed action relay. 2,410,325; Oct. 29.

Yarrum, Incorporated, assignee: *See*—
Murray, Thomas E., Phelps, and Frischmann.

Yates, Chapin W., Milford, and K. J. Yost, Westport, assignors to Remington Arms Company, Inc., Bridgeport, Conn. Bullet distributor. 2,402,110; June 11.

Yates, Edward S., and R. F. Gager, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Plasticized polyvinyl compositions. 2,394,456; Apr. 30.

Yates, Edward W., and T. S. Armandroff, assignors to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Automatic pattern controlled milling machine. 2,412,549; Dec. 10.

Yates, Robert E.: *See*—
Richardson, Donald E., and Yates.

Yates, Sheppard B., Hamlet, N. C. Distributor for stokers. 2,408,358; Sept. 24.

Yates, Tom L., assignor to Lord Manufacturing Company, Erie, Pa. Resilient mounting. 2,401,449; June 4.

Yawman Metal Products, Inc., assignee: *See*—
Yawman, Victor G.

Yawman, Victor G., assignor to Yawman Metal Products, Inc., Rochester, N. Y. Method of making triggers. 2,404,118; July 16.

Yeager, Frank W.: *See*—
Cabberley, Richard H., and Yeager.

Yelda, John O., Herculaneoum, assignor to Automatic Control Corporation, St. Louis, Mo. Switch mechanism and follow-up system. 2,395,604; Feb. 26.

Yejoff, Paul P., Seattle, Wash. Game. 2,393,726; Jan. 29.

Yellen, Joseph W., assignee: *See*—
Rossi, Peter.

Yellin, Edward, Chicago, Ill. Container. 2,404,558; July 23.

Yellott, John I., R. A. Ackley, and A. J. Rosenberger, Chicago, Ill., assignors to Republic Flow Meters Company, Chicago, Ill. Valve. 2,393,442; Jan. 22.

Yellott, Kinloch N.: *See*—
Swartz, Milton D., and Yellott.

Yeomans, Lucien I., and De W. Clausen, assignors to Lucien I. Yeomans, Inc., Chicago, Ill. Machine tool. 2,405,387; Aug. 6.

Yeomans, Lucien I., Inc., assignee: *See*—
Yeomans, Lucien I., and Clausen.

Yerkovich, Simon, Fairfield, Conn., assignor to Dictaphone Corporation, New York, N. Y. Phonograph. 2,409,006; Oct. 8.

Yingling, Frank B., assignee: *See*—
Butts, Richard R.

Yingling, Frank B., Hamilton, Ohio. Two-cycle internal-combustion engine. 2,393,852; Jan. 29.

Yingling, Frank B., Hamilton, Ohio. Two-cycle internal-combustion engine. 2,401,677; June 4.

Yngve, Victor, deceased, Highland Park, N. J., by L. M. Currie, executor, Rocky River, Ohio, assignor, by mesne assignments, to Bakelite Corporation. Odor stabilized plastic compositions. 2,394,417; Feb. 5.

Yoch, August H., Melrose, Pa., assignor to Air Reduction Company, Incorporated. Billet nicking machine. 2,404,019; July 16.

Yocum, Cleo G.: *See*—
Deurmyer, Richard H., and Yocum.

Yoder, Carl M., assignee, et al.: *See*—
Morris, Howard I.

Yoder Company, The, assignee: *See*—
Ridder, Joseph U.

Yoder, Harvey O., assignee, et al.: *See*—
Morris, Howard F.

Yoder, William H.: *See*—
Brannigan, Thomas P., Raison, and Yoder.

Yolo, Joseph, Yakima, Wash. Splice frog for temporarily joining motion-picture film sections. 2,409,092; Oct. 8.

Yonkers, William A., Northfield Township, Cook County, Ill. Fuel dellvery system for internal-combustion engines. 2,411,312; Nov. 19.

York, Jones O., and J. C. Winslow, Inglewood, assignors to Northrop Aircraft, Inc., Hawthorne, Calif. Bomb selector. 2,399,530; Apr. 30.

York, Otto H., Maplewood, assignor to Metal Textile Corporation, West Orange, N. J. Apparatus for producing annular compresed wire mesh units. 2,405,725; Aug. 13.

York Research Corporation, assignee: *See*—
Read, Robert C., and Schlieben.
Schlieben, Ernest W.

Yost, Kenneth J.: *See*—
Yates, Chapin W., and **Yost.**

Yost, Kenneth J., Westport, assignor to Remington Arms Company, Inc., Bridgeport, Conn. Metal treating apparatus. 2,413,094; Dec. 24.

Yost, Lloyd, San Gabriel, Calif., assignor to A. O. Smith Corporation, Milwaukee, Wis. Switch operating mechanism. 2,394,283; Feb. 5.

Young, Arthur J., Danbury, England, assignor to Radio Corporation of America. Heat transferring means suitable for thermionic discharge apparatus. 2,406,121; Aug. 20.

Young, Charles A., Springfield, Ohio. Firearm. 2,401,034; May 28.

Young, Charles A., Springfield, Ohio. Combined release fire and straight fire gun. 2,406,980; Sept. 3.

Young, Charles A., Springfield, Ohio. Combined release fire and straight fire gun. 2,406,981; Sept. 3.

Young, Charles E., Kansas City, Mo. Portable burglar alarm. 2,407,122; Sept. 3.

Young, Charles J., Ardmore, Pa., assignor to Radio Corporation of America. Scanning apparatus. 2,394,649; Feb. 12.

Young, Charles J., Ardmore, Pa., assignor to Radio Corporation of America. Signal recording system. 2,412,310.

Young, Charles J., Ardmore, Pa., assignor to Radio Corporation of America. Facsimile apparatus. 2,413,400; Dec. 31.

Young, Charles M.: *See*—
Lawson, Archibald, and **Young.**

Young, Clarence B. F., Flushing, N. Y. Fuel unit for producing colored flames. 2,398,571; Apr. 16.

Young, Clarence P., Bellflower, Calif. Combination wall hook and socket. 2,394,832; Feb. 12.

Young, Clinton J. T.: *See*—
Chubb, Lewis W., and **Young.**

Young, D'Arcy A., Jr.: *See*—
McMaster, Archie J., and **Young.**

Young, David A.: *See*—
Summerfield, Martin, and **Young.**

Young, David A., Pasadena, and M. Summerfield, Arcadia, assignors to Aerojet Engineering Corporation, Azusa, Calif. Motor. 2,398,201; Apr. 9.

Young, David W.: *See*—
Evans, Hector C., and **Young.**

Young, David W., Roselle, N. J., assignor, by mesne assignments, to Jasco, Incorporated. Chemical-resistant coating material. 2,409,336; Oct. 15.

Young, David W., and T. J. Peters, Jr., Roselle, N. J., assignors to Standard Oil Development Company. Blended lubricating oils. 2,393,212; Jan. 15.

Young, David W., Roselle, N. J., and H. D. Hineline, Mount Vernon, N. Y., assignors to Standard Oil Development Company. Preparation of an improved lubricant. 2,406,575; Aug. 27.

Young, David W., Roselle, N. J., and E. Lieber, New York, N. Y., assignors to Standard Oil Development Company. Oil composition. 2,411,178; Nov. 19.

Young, Don H., Valley Stream, assignor to Dictograph Products Company, Inc., New York, N. Y. Telephone system. 2,393,354; Jan. 22.

Young, Donald M., assignor to American Steel Foundries, Chicago, Ill. Snubber. 2,396,547; Mar. 12.

Young, Frank G., Jr.: *See*—
Boese, Albert B., Jr., and Young.

Young, Fred M., assignor to Young Radiator Company, Racine, Wis. Tube assembly machine for heat-exchange cores. 2,410,140; Oct. 29.

Young, Fred M., and W. V. Astrup, assignors to Young Radiator Company, Racine, Wis. Oil and jacket coolant heat exchanger. 2,397,069; Mar. 19.

Young, George H., assignor to Stoner-Mudge, Inc., Pittsburgh, Pa. Antifouling composition. 2,398,069; Apr. 9.

Young, George J., Depew, N. Y. Divider attachment. 2,402,000; June 11.

Young, George W., Bloomfield, N. J. Bank protector. 2,409,007; Oct. 8.

Young, Harland H., Chicago, Ill., and D. Rubinstein, Bookline, Mass., assignors to Industrial Patents Corporation, Chicago, Ill. Wax composition. 2,394,833; Feb. 12.

Young, Harland H., and K. H. Spitzmueller, assignors to Industrial Patents Corporation, Chicago, Ill. Detergent. 2,394,834; Feb. 12.

Young, Harland H., Chicago, Ill., and D. Rubinstein, Brookline, Mass., assignors to Industrial Patents Corporation, Chicago, Ill. Purifying of alkylolamides. 2,412,113; Dec. 3.

Young, Harry S., South Williamsport, Pa. Sectional container. 2,412,024; Dec. 3.

Young, Henry B., assignor to Mission Manufacturing Company, Houston, Tex. Piston. 2,402,268; June 18.

Young, Henry S., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,395,706; Feb. 26.

Young, Howard S., Fairville, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymerizing ethylene. 2,394,960; Feb. 12.

Young Iron Works, assignee: *See*—
Hansen, Arthur E.

Young, James G., Shreveport, La., assignor to Bird & Son, inc., East Walpole, Mass. Saturating fibrous sheet material. 2,407,756; Sept. 17.

Young, John, Welland, Ontario, Canada. Arc furnace regulator switch. 2,402,479; June 18.

Young, L. A., Spring & Wire Corporation, assignee: *See*—
Del Giudice, Victor J.
Friegel, William.
Lenartowicz, Michael J., and Anthony.
Young, Leonard A.

Young, Larry L., Norwalk, Conn. Light-directing device. 2,395,605; Feb. 26.

Young, Leonard A., Detroit, Mich. Making garment hangers. 2,409,170; Oct. 8.

Young, Leonard A., Detroit, Mich. Manufacturing safety razor blades. 2,409,604; Oct. 15.

Young, Leonard A., assignor to The L. A. Young Spring & Wire Corporation, Detroit, Mich. Garment hanger. 2,392,022; Jan. 1.

Young, Lloyd L., Patchogue, N. Y., assignor to Radio Corporation of America. Low-voltage high-current switch. 2,406,122; Aug. 20.

Young, Lloyd W.: *See*—
Bucknam, James H., Meincke, and Young.

Young, Norman H., Jr., Jackson Heights, assignor to Federal Telephone and Radio Corporation, New York, N. Y. Television system. 2,401,384; June 4.

Young, Norman H., Jr., Jackson Heights, N. Y., assignor to Federal Telephone and Radio Corporation. Intelligence transmission system. 2,406,880; Sept. 3.

Young, Norman H., Jr., Jackson Heights, N. Y., assignor to Federal Telephone and Radio Corporation. Method and system for communicating intelligence. 2,406,881; Sept. 3.

Young, Norman H., Jr., Jackson Heights, N. Y., assignor to Federal Telephone and Radio Corporation, Newark, N. J. Radio impulse system. 2,406,882; Sept. 3.

Young, Norman H., Jr., Jackson Heights, assignor to Federal Telephone and Radio Corporation, New York, N. Y. Method and means for transmitting intelligence. 2,407,336; Sept. 10.

Young, Norman H., Jr., Jackson Heights, N. Y., assignor to Federal Telephone and Radio Corporation, Newark, N. J. Reproduction of intelligence. 2,408,117; Sept. 24.

Young, Norman H., Jr., Jackson Heights, assignor to Federal Telephone and Radio Corporation. Demodulator. 2,413,023; Dec. 24.

Young Radiator Company, assignee: *See*—
Christensen, Donald W., and Sadlon.
Skelly, Lawrence E., and Brinen.
Young, Fred M.
Young, Fred M., and Astrup.

Young, Ray A., Willoughby, Ohio. Pin clutch arbor. 2,408,503; Oct. 1.

Young, Richard C.: *See*—
Collar, Gleneth F., and Young.

Young, Richard V.: *See*—
Weissberger, Arnold, Kibler, and Young.

Young, Richard V., assignor to Eastman Kodak Company, Rochester, N. Y. Making coupler dispersions. 2,401,718; June 4.

Young, Robert A., Sioux City, Iowa, assignor to Sellstrom Manufacturing Company, Chicago, Ill. Protector. 2,398,269; Apr. 9.

Young, Roger D., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Heat shield. 2,403,203; July 2.

Young, Roger W., Jersey City, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Measuring apparatus. 2,412,665; Dec. 17.

Young, Rogers G., St. Petersburg, Fla. Finger rest. 2,392,626; Jan. 8.

Young, William F., assignee: *See*—
Sinclair, James McG.

Young, William G., and F. C. Iglehart, Wilkinsburg, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electrically actuated contactor. 2,397,228; Mar. 26.

Young, William H.: *See*—
Paley, Lewis A., and Young.

Young, William R., Fairfield, Conn., assignor to General Electric Company. Fixture for tubular lamps. 2,399,531; Apr. 30.

Young, William R., Fairfield, Conn., assignor to General Electric Company. Tubular electric lamp and holding means therefor. 2,400,381; May 14.

Young, William R., Jr.: *See*—
Bacon, Walter M., and Young.

Youngash, Reginald W., Vancouver, British Columbia, Canada. Turbine. 2,396,068; Mar 5.

Youngblood, Don C., Chicago, Ill., and B. D. Ashbaugh, Mount Gilead, Ohio, assignors to The Hydraulic Development Corp., Inc., Wilmington, Del. Apparatus for feeding preforms to injection machines. 2,413,401; Dec. 31.

Younger, Dubose, et al., assignee: *See*—
Barber, Lonnie.

Youngdahl, Lyle P., assignee: *See*—
Berry, Burtt L.

Younghusband, James L., Chicago, Ill. Make-up and sponge container. 2,401,127; May 28.

Youngman, Robert T., Aldershot, England. Air brake for aircraft. 2,392,443; Jan. 8.

Youngquist, Carl G.: *See*—
Freund, Herman R., and Youngquist.

Youngquist, Robertson: *See*—
Truax, Robert C., Stiff, Schubert, Patton, and Youngquist.

Youngren, Harold T., Lansing, assignor to General Motors Corporation, Detroit, Mich. Disintegrating link for airplane cannon. 2,392,280; Jan. 1.

Youngstown Sheet and Tube Company, The, assignee: *See*—
Gettig, Martin S., and Engelbaugh.

Youngstown Steel Door Company, The, assignee: *See*—
Ditchfield, Frank.
Doyle, Arthur J.
Madland, Thorvald.

Youngstown Welding & Engineering Co., assignee: *See*—
McKee, Stanley H.

Youngstrom, Axel H., Minneapolis, Minn. Multiple filing spindle. 2,407,732; Sept. 17.

Yount, Willis H.: *See*—
Maloon, Earl B., and Yount.

Youtz, Merrill A., assignor to The Drackett Company, Cincinnati, Ohio. Decolorizing protein. 2,397,307; Mar. 26.

Yoxon, George H. B.: *See*—
Peare, William G. M., and Yoxon.

Yuan, Luke Chia-Liu, Pasadena, and C. E. Miller, Glendale, assignors to California Institute Research Foundation, Pasadena, Calif. Short wave direction finder. 2,410,917; Nov. 12.

Yuhas, Joseph, North Braddock, Pa. Cinder notch cooler clamp. 2,409,337; Oct. 15.

Yuhas, Marie, Chicago, Ill. Starter arrangement for split-phase motors. 2,411,405; Nov. 19.

Yuill, William M., Edinburgh, Scotland. Method of and apparatus for packing or canning food and other plastic substances. 2,393,853; Jan. 29.

Yujuico, Pedro S.: *See*—
Brown, Dayton T., Yujuico, and Moore.

Yule, John A. C.: *See*—
Murray, Alexander, and Yule.

Yule, John A. C., assignor to Eastman Kodak Company, Rochester, N. Y. Line and halftone reproduction. 2,407,211; Sept. 3.

Yule, John S., assignor to The Pure Oil Company, Chicago, Ill. Lubricant having high film strength. 2,394,734; Feb. 12.

Yule, John S., assignor to The Pure Oil Company, Chicago, Ill. Cutting oil. 2,394,735; Feb. 12.

Yungblut, Gibson, Cincinnati, assignor to The Gardner-Richardson Company, Middletown, Ohio. Reclosable carton. 2,396,310; Mar. 12.

Yzetta, Ernesto N., assignor to Guillermo Kraft Limitada Sociedad Anonima de Impressiones Generales, Buenos Aires, Argentina. Rotary tray file. 2,411,950; Dec. 3.

Zabel, Robert L., Louisville, Ky. Septic tank clear water discharge system. 2,406,523; Aug. 27.

Zabriskie, William F., assignor to Gabriel Steel Company, Detroit, Mich. Barrel storage rack. 2,406,937; Sept. 3.

Zaccaria, Joseph M., assignee: *See*—
Bocchicchio, Alfeo.

Zademach, Erich R., Elizabeth, and W. W. Clarke, Summit, assignors to Metalwash Machinery Company, Newark, N. J. Shaft bearing seal. 2,409,922; Oct. 22.

Zahara, Walter, Chicago, Ill. Collapsible tube. 2,401,784; June 11.

Zahl, Harold A., Fort Monmouth, N. J. Locating objects by heat radiation. 2,392,873; Jan. 15.

Zahodiakin, Victor F., Forest Hills, N. Y. Piston ring. 2,397,636; Apr. 2.

Zahodiakin, Victor F., Short Hills, N. J. Segmental piston ring. 2,398,270; Apr. 9.

Zahodiakin, Victor F., Short Hills, N. J. Control mechanism. 2,398,875; Apr. 23.

Zaiger, Max, assignee: *See*—
Nesson, Israel.

Zalkowsky, Wladimir M., assignor, by mesne assignments, to Consolidated Engineering Corporation, Pasadena, Calif. Apparatus for gas analysis. 2,393,674; Jan. 29.

Zaiser, William, Rockville Centre, assignor to New York & Brooklyn Casket Co., Brooklyn, N. Y. Casket handle. 2,393,443; Jan. 22.

Zaisser, William, Woodside, assignor of one-half to H. S. Walker, New York, N. Y. Making paints, plastics, and the like. 2,396,910; Mar. 19.

Zajotti, Adolfo, and C. Tellini, Venice, Carpenedo, Italy; vested in the Alien Property Custodian. Utilizing maize cane and sorghum. 2,404,762; July 23.

Zakarias, Imre: *See*—
Rosa, Laszlo, and Zakarias.

Zaleske, Michael J., Union, N. J., assignor to Ideal Clamp Manufacturing Co., Inc., New York, N. Y. Hose clamp. 2,392,210; Jan. 1.

Zaleski, John J.: *See*—
Kudy, John E., and Zaleski.

Zalkind, Joseph, New York, N. Y. Pegging and aligning means. 2,398,487; Apr. 16.

Zalkind, Philip, New York, N. Y. Collapsible container. 2,396,140; Mar. 5.

Zalkind, Philip, New York, N. Y. Joint for collapsible containers. 2,399,590; Apr. 30.

Zalkind, Philip, New York, N. Y. Container, materials, and parts therefor. 2,406,123; Aug. 20.

Zalkind, Philip, New York, N. Y. File cabinet interlock and reinforcing element. 2,410,700; Nov. 5.

Zalkind, Philip, New York, N. Y. Container-drawer stop and aligning means. 2,410,701; Nov. 5.

Zamboni, Frank J., Hynes, Calif. Ice rink. 2,411,919; Dec. 3.

Zancan, Ottavio, New York, N. Y. Shift lever for transmissions. 2,403,162; July 2.

Zand, Stephen J.: *See*—
Maybarduk, Leon A., Mieher, Zand, and White.

Zander, Jason M., Chicago, assignor to Chicago Vitreous Enamel Product Company, Cicero, Ill. Electrical resistor and making same. 2,398,686; Apr. 16.

Zanelli, David, San Francisco, Calif. Dispenser. 2,404,119; July 16.

Zap, Edward F., Los Angeles, Calif. Control system for airplanes. 2,402,001; June 11.

Zap, Edward F., Los Angeles, Calif. Variable wing construction. 2,404,895; July 30.

Zap, Edward F., Los Angeles, Calif. Airplane wing construction. 2,405,726; Aug. 13.

Zap, Edward F., Los Angeles, and H. E. Dale, Hermosa Beach, Calif., said Dale assignor to said Zap. Aerodynamic control for airplanes. 2,393,44; Jan. 22.

Zapp, Frederick M., Brooklyn, assignor to Fairchild Engine and Airplane Corporation, Farmingdale, N. Y. X-ray inspection of bodies. 2,396,069; Mar. 5.

Zappia, Anthony T.: *See*—
Samuelson, Otto H., and Zappia.

Zappone, Charles F., Greensburg, assignor to Paragon Manufacturing Company, New Derry, Pa. Ammunition time fuse. 2,405,085; July 30.

Zarewin, Albert A., Brooklyn, N. Y. Key holder. 2,394,507; Feb. 5.

Zarth, Charles E., assignor to Wingfoot Corporation, Akron, Ohio. Bead lock ring and assembly. 2,409,410; Oct. 15.

Zarth, William A., East Orange, N. J., assignor to Dictograph Products Company, Inc., New York, N. Y. Bone conduction audiphone. 2,402,480; June 18.

Zatkin, Jack, Brooklyn, N. Y. Bed springs bracket. 2,394,352; Feb. 5.

Zavarella, Arthur, Agawam, and L. McPheters, Springfield, Mass., assignors to the Government of the United States of America, as represented by the Secretary of War and his successors in office. Impact testing device. 2,398,458; Apr. 16.

Zdanaitis, Vit, Louisville, Ky., assignor to Reynolds Metals Company, Richmond, Va. Cover sealing pressure cookers. 2,403,778; July 9.

Zdancewicz, Vincent F., Lynn, Mass. Coating device. 2,412,954; Dec. 24.

Zdanowich, Richard: *See*—
Wilson, Thomas S., and Zdanowich.

Zech, John D.: *See*—
Reiff, Orland M., and Zech.

Zedler, Arthur O., Yonkers, N. Y. Full display fing holder. 2,409,411; Oct. 15.

Zeek, Elwood R., Paterson, assignor to Specialties Development Corporation, Bloomfield, N. J. Method of and apparatus for separating fluids. 2,402,196; June 18.

Zehrbach, Edgar L., Lima, Ohio. Reaming. 2,406,938; Sept. 3.

Zehring, Lew F., Dayton, Ohio. Register closure for bottles. 2,400,328; May 14.

Zeibig, Bruno H., Fenton, Mich. Fish lure. 2,394,132; Feb. 5.

Zeidler, Kurt E., assignor to Standard Railway Equipment Manufacturing Company, Chicago, Ill. Car coupler centering device. 2,409,093; Oct. 8.

Zeier, Frederick F., Stratfield, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Thread controlling means for sewing machines. 2,413,277; Dec. 24.

Zeigler, Albert H.: *See*—
Smith, Albert M. and, R. W., and Zeigler.

Zeigler, Delbert L., assignor to Woodward Governor Company, Rockford, Ill. Governor. 2,410,474; Nov. 5.

Zeigler, Paul P., and L. E. Householder, Louisville, Ky., assignors to Reynolds Metals Company, Richmond, Va. Corrosion-resistant high-strength alloys, and method. 2,403,037; July 2.

Zeigler, William L., Wallace, and C. Y. Garber, Kellogg, Idaho, assignors to The Sink & Float Corporation, New York, N. Y. Combined vibratory scrubber, stratifier, and screen for minerals. 2,410,326; Oct. 29.

Zeiss, Harold H., assignor to Ridbo Laboratories, Inc., Paterson, N. J. Treatment of rosin. 2,394,416; Feb. 5.

Zeitz, Arthur H., assignor of one-half to C. S. Foreman, Kansas City, Mo. Bending apparatus. 2,406,182; Aug. 20.

Zell, Julius S., Portland, Oreg. Vertically adjustable bifocal spectacles. 2,410,141; Oct. 29.

Zellbeck, Gustav, and A. Müller, Munich, Germany; vested in the Alien Property Custodian. Manufacture of blades for exhaust turbines. 2,394,353; Feb. 5.

Zeller, Wilbur U., U. S. Army, New York, N. Y. Collapsible contact printer. 2,404,821; July 30.

Zellerbach Paper Company, assignee: *See*—
Budge, Edward D., Hunt, and Lent.

Zelov, Victor L., Rosemont, Pa. Electrical device. 2,410,618; Nov. 5.

Zemen, Alexander, Baltimore, Md. Piston and connecting rod mechanism. 2,404,470; July 23.

Zender, Justin, assignor to Sylvania Industrial Corporation, Fredericksburg, Va. Process and apparatus for dialyzing solutions. 2,411,238; Nov. 19.

Zenick, Raymond G., Burbank, Calif. Drill grinding attachment. 2,411,609; Nov. 26.

Zenith Radio Corporation, assignee: *See*—
Blauvelt, Ralph C.
Emde, Kurt.
Gustafson, Gilbert E.
Passow, Edward B.
Phillips, Willis E.

Zenner, Walter J., Des Plaines, assignor to Teletype Corporation, Chicago, Ill. Projector for page printers. 2,403,320; July 2.

Zenner, Walter J., Des Plaines, assignor to Teletype Corporation, Chicago, Ill. Printing telegraph apparatus. 2,404,339; July 16.

Zenner, Walter J., Des Plaines, assignor to Teletype Corporation, Chicago, Ill. Projector for page printers. 2,405,173; Aug. 6.

Zeno, Samuel, McKeesport, Pa. Scaffold. 2,396,070; Mar. 5.

Zephyr Manufacturing Co., assignee: *See*—
Trautmann, Herbert L.

Zephyr-Wayne Company, assignee: *See*—
Edwards, Beryl A., and Duer.

Zerbe, Lewis E., Los Angeles, Calif. Lock washer. 2,392,714; Jan. 8.

Zern, Warren B., Pottstown, Pa. Work stand. 2,400,862; May 21.

Zerner, Ernst, G. D. M. Davies, and P. I. Pollak, assignors, by mesne assignments, to Sun Chemical Corporation, New York, N. Y. Finishing textile materials, particularly to render the same water repellent. 2,413,024; Dec. 24.

Zerner, Ernst, New York, and W. Kaplan, Brooklyn, assignors, by mesne assignments, to Sun Chemical Corporation, New York, N. Y. Surface active agents. 2,413,161; Dec. 24.

Zerweck, Werner, and E. Honold, Frankfort-on-the-Main-Fechenheim, Germany, assignors to General Aniline & Film Corporation, New York, N. Y. Vat dyestuffs of the anthraquinone series. 2,392,794; Jan. 8.

Zesbaugh, Lawrence G.: *See*—
O'Neill, John G., and Zesbaugh.

Zesbaugh, Lawrence G., assignor to Perma-Seal Closure Co., St. Paul, Minn. Method and apparatus for forming screw caps. 2,395,209; Feb. 19.

Zesbaugh, Lawrence G., Minneapolis, Minn., assignor, by mesne assignments, to Perma-Seal Closure Co. Method and apparatus for making caps or covers. 2,407,465; Sept. 10.

Zetnick, Paul F., Chicago, Ill., assignor to Associated Spring Corporation, Bristol, Conn. Piston ring expander. 2,397,900; Apr. 2.

Zeun, Louis H., assignor to Peter Paul, Inc., Naugatuck, Conn. Desiccating apparatus. 2,411,179; Nov. 19.

Zibelman, Frank A., Chicago, Ill. Toy telephone. 2,399,972; May 7.

Zicke, Anthony, San Bruno, Calif. Display character. 2,406,124; Aug. 20.

Ziebolz, Herbert, Chicago, Ill., assignor to Askania Regulator Company, Chicago, Ill. Pilot control for primary and secondary fuels. 2,395,384; Feb. 19.

Ziebolz, Herbert, assignor to Askania Regulator Company, Chicago, Ill. Apparatus for continuously predicting a trend in observed data. 2,398,987; Apr. 23.

Ziebolz, Herbert, assignor to Askania Regulator Company, Chicago, Ill. Apparatus for detecting trends in observed data. 2,398,988; Apr. 23.

Ziebolz, Herbert, assignor, by mesne assignments, to Electronbeam, Ltd., Chicago, Ill. Electronic translating device. 2,399,420; Apr. 30.

Ziebolz, Herbert, J. D. McCracken, and D. T. Gundersen, assignors to Askania Regulator Company, Chicago, Ill. Automatic boiler control system. 2,392,300; Jan. 1.

Ziegler, Crawford: *See*—
Hartnett, George J., and Ziegler.

Ziegler, Eugene R., Spencerport, assignor to Ritter Company, Inc., Rochester, N. Y. Reeling mechanism. 2,401,809; June 11.

Ziegler, Eugene R., Spencerport, assignor to Ritter Company, Inc., Rochester, N. Y. Electrical heating device. 2,403,163; July 2.

Ziegler, Marc, Buenos Aires, Argentina, assignor to Hartford National Bank and Trust Company, Hartford, Conn., trustee. Detecting frequency modulated waves. 2,396,360; Mar. 12.

Ziegler, Marc, Buenos Aires, Argentina, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Synchronizing a plurality of oscillations. 2,405,771; Aug. 13.

Ziegler, Marc, Buenos Aires, Argentina, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Reception of frequency modulated waves. 2,407,863; Sept. 17.

Ziegler, Marc, J. F. Visscher, and L. J. Cavallero, Buenos Aires, Argentina, assignors to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Frequency stabilizing system. 2,406,125; Aug. 20.

Ziegler, Marc, and M. J. Kobilsky, Buenos Aires, Argentina, assignors to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Frequency stabilization. 2,406,309; Aug. 20.

Ziehl, Othon A., Union, assignor to Metals Disintegrating Company, Inc., Elizabeth, N. J. Metallic bronze paste or powder pigments and manufacturing the same. 2,399,705; May 7.

Zielinski, Leon: *See*—
Gladden, John N., and Zielinski.

Zienty, Ferdinand B.: *See*—
Kyrides, Lucas P., and Zienty.

Zieschang, Richard, assignor to The Pyrene Company Limited, Brentford, England. Fire-extinguishing pump. 2,401,785; June 11.

Zimba Kola Co., Incorporated, assignee: *See*—
Singer, Harriett C.

Zimbelman, George W., and J. Cherry, Signal Mountain, assignors to Samuel Stamping and Enameling Company, Chattanooga, Tenn. Heater. 2,411,313; Nov. 19.

Zimmer, Albert E., assignor to Enterprise Railway Equipment Company, Chicago, Ill. Safety operating handle for car door mechanism. 2,407,912; Sept. 17.

Zimmer, John C.: *See*—
Baldeschwieler, Emile L., and Zimmer.
Davis, Garland H. B., and Zimmer.
Sproule, Lorne W., and Zimmer.

Zimmer, John C., Union, and A. J. Morway, Clark Township, Union County, N. J., assignors to Standard Oil Development Company. Composition of matter. 2,398,271; Apr. 9.

Zimmer, John C., Union, and A. J. Morway, Clark Township, Union County, N. J., assignors to Standard Oil Development Company. Chemical products and preparing same. 2,405,482; Aug. 6.

Zimmerli, Adolph, Highland Park, N. J. Producing nicotinic acid. 2,394,650; Feb. 12.

Zimmerman, Charles E., assignee: *See*—
Skold, John F.

Zimmerman, Charles E., Chicago, Ill. Wash pad manufacture. 2,394,419; Feb. 5.

Zimmerman, Charles H., Nichols, assignor to United Aircraft Corporation, East Hartford, Conn. Pilot compartment. 2,403,838; July 9.

Zimmerman, Charles H., Nichols, assignor to United Aircraft Corporation, East Hartford, Conn. Control column for prone positioned pilots. 2,411,770; Nov. 26.

Zimmerman, Gordon B., assignor to Universal Oil Products Company, Chicago, Ill. Removal of hydrogen halides from hydrocarbon conversion products. 2,401,678; June 4.

Zimmerman, Gordon B., assignor to Universal Oil Products Company, Chicago, Ill. Catalytic conversion of hydrocarbons. 2,412,025; Dec. 3.

Zimmerman, Gordon B., Western Springs, assignor to Universal Oil Products Company, Chicago, Ill. Production of high antiknock fuel. 2,404,340; July 16.

Zimmerman, Harry, New York, N. Y. Whistling toy. 2,393,445; Jan. 22.

Zimmerman, Harry, New York, N. Y. Noise-making airplane toy. 2,404,265; July 16.

Zimmerman, Merle A., Elizabeth, N. J. Apparatus for rectification, absorption, or gas scrubbing. 2,394,133; Feb. 5.

Zimmerman, William R., Hubbard, Ohio. Apparatus for measuring molten metal temperatures. 2,397,901; Apr. 2.

Zimmermann, Carl F., assignor to Aerostream Pneumatic Conveyers, Inc., Chicago, Ill. Exhauster. 2,404,203; July 16.

Zimmermann, Hans J., assignor to Mercury Clutch Corporation, Canton, Ohio. Radial pressure clutch. 2,400,586; May 21.

Zimmermann, Hans J., assignor to Mercury Clutch Corporation, Canton, Ohio. Engaging and disengaging mercury clutch. 2,412,378; Dec. 10.

Zimmermann, Robert, assignor to Hall Young Kaighin, New York, N. Y. Bevel gear gauge for back to crown dimensions. 2,398,171; Apr. 9.

Zimmern, Benno, New York, N. Y. Bottle cover. 2,409,820; Oct. 22.

Zimola, William J.: *See*—
Biggs, Leonard R., and Zimola.

Zingsheim, Edward W.: *See*—
Peterson, Carl D., and Zingsheim.

Ziniti, Evelyn, New York, N. Y. Shoe construction. 2,413,481; Dec. 31.

Zink, William L., Plano, and V. O. Hauswirth, Kankakee, assignors to Sears, Roebuck and Co., Chicago, Ill. Hitch. 2,400,145; May 14.

Zinkil, Roy H., Oak Park, and T. P. Newman, Geneva, assignors to Crane Co., Chicago, Ill. Liner for water tanks. 2,395,606; Feb. 26.

Zinn, Julius A., Jr., Belmont, Mass. Liquidproof fiberboard carton with bellows closure. 2,412,666; Dec. 17.

Zint, George, Wapakoneta, Ohio. Cigarette rolling machine. 2,405,388; Aug. 6.

Zint, George, Wapakoneta, Ohio. Moistening device for gummed cigarette papers. 2,405,804; Aug. 13.

Zipprodt, Incorporated, assignee: *See*—
Pergande, George F.

Ziska, Adam, Wauwatosa, assignor to Peerless Machine Company, Racine, Wis. Metal sawing machine. 2,412,311; Dec. 10.

Ziskal, Joseph F.: *See*—
Rogers, Clifford R., Beckman, and Ziskal.

Zitrin, Jack L., Newark, N. J. Sliding window or screen. 2,392,715; Jan. 8.

Zitz, Val, assignee: *See*—
Ethridge, John H.

Zivny, Joseph C.: *See*—
Briskin, Theodore S., Zivny, Shcellschmidt, and Golick.

Zobell, Claude E., La Jolla, Calif., assignor to American Petroleum Institute, New York, N. Y. Bacteriological treatment of fluid-bearing earth formations. 2,413,278; Dec. 24.

Zoeller, Herman J.: *See*—
Macke, Robert A., and Zoeller.

Zoerlein, Emil: *See*—
Ford, Henry, and Zoerlein.

Zollikofer, Otto, St. Gallen, assignor to Sulzer Frères, Société Anonyme, Winterthur, Switzerland. Loom with big weaving width. 2,413,672; Dec. 31.

Zolman, George R.: *See*—
Ryan, Joseph D., and Zolman.

Zonis, Sydney, Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Driving device. 2,412,114; Dec. 3.

Zorich, Stephen, Covington, Ky., assignor of ten percent to E. E. Peters, ten percent to A. Briede, ten percent to C. L. Tumulty, and ten percent to F. H. Tumulty. Rotary engine. 2,392,211; Jan. 1.

Zottu, Paul D., Indian Hills, assignor to The Girdler Corporation, Louisville, Ky. Voltmeter. 2,412,191; Dec. 3.

Zuber, Clarence F., assignor to Acme Visible Records, Inc., Chicago, Ill. Holder for cards and photographs. 2,403,701; July 9.

Zuber, John G., assignor to The Bell & Howell Company, Chicago, Ill. Photographic camera. 2,392,212; Jan. 1.

Zublin, Ernest W., Sausalito, E. R. White, Albany, and E. R. Barnum, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Anticorrosive. 2,398,202; Apr. 9.

Zublin, John A., Los Angeles, Calif. Well casing for lateral bores. 2,397,070; Mar. 19.

Zublin, John A., Los Angeles, Calif. Flexible pipe section and coupling therefor. 2,402,003; June 11.

Zublin, John A., Los Angeles, Calif. Producing oil and retaining gas through deviating bores. 2,404,341; July 16.

Zucker, Milton: *See*—
Ransom, Olive S., and Zucker.

Zuckerman, Adolph M., assignor to R. Hoe & Co., Inc., New York, N. Y. Multicolor printing machine. 2,400,966; May 28.

Zucrow, Maurice J.: *See*—
Large, Charles B., Zucrow, and Hirsch.

Zuidema, Hilbert H., Edwardsville, and J. E. Mital, Alton, Ill., assignors to Shell Development Company, San Francisco, Calif. Blended gasoline. 2,402,863; June 25.

Zulkoski, Bruno P., Weirton, W. Va. Device for raising toilet seats. 2,410,854; Nov. 12.

Zurcher, Paul, Ponca City, Okla., assignor to Continental Oil Company. Paint. 2,402,864; June 25.

Zurcher, Paul, Ponca City, Okla., assignor to Continental Oil Company. Paint. 2,403,423; July 2.

Zuschlag, Adam, Transfer, Pa. Detachable handle. 2,400,800; May 21.

Zuschlag, Theodor, West Englewood, N. J., assignor to Magnetic Analysis Corporation, Long Island City, N. Y. Magnetic analysis. 2,398,488; Apr. 16.

Zuschlag, Theodore, West Englewood, N. J., assignor to Magnetic Analysis Corporation, Long Island City, N. Y. Demagnetizing apparatus. 2,403,424; July 2.

Zweifel, Otto, assignor to Aktiengesellschaft, Brown, Boveri & Cie, Baden, Switzerland. Blade arrangement for axial compressors. 2,406,126; Aug. 20.

Zwickl, Joseph R., East Orange, assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Refrigeration system. 2,392,894; Jan. 15.

Zwickl, Joseph R., East Orange, assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Purging system for refrigerating systems. 2,400,620; May 21.

Zworykin, Vladimir K., Philadelphia, Pa., and J. Hillier, Cranbury, N. J., assignors to Radio Corporation of America. Electronic vibration detecting apparatus. 2,406,982; Sept. 3.

Zworykin, Vladimir K., Philadelphia, Pa., and A. W. Vance, Haddonfield, N. J., assignors to Radio Corporation of America. Radio gunfire control. 2,409,462; Oct. 15.

Zyta, Leon H., Cleveland Heights, Ohio, assignor to General Electric Company. Starting control for electric discharge devices. 2,398,128; Apr. 9.

LIST OF DESIGN PATENTEES

AMP Corporation, assignee: *See*—
Thompson, Parke H.

Abbott, Earl E., Science Hill, Ky. Cedar chest or similar article. 144,017; Mar. 5.

Abel, Roberta H., Jeffersontown, Ky. Ladle. 145,830; Oct. 29.

Abell Chair & Novelty Mfg. Co., Inc., assignee: *See*—
Lerner, George.

Abell, Ellen H., Meinchen, N. J. Pastry shell frame or insert. 144,093; Mar. 12.

Abelson, Frank, New York, N. Y. Handle for tray or the like. 145,280; July 30.

Abelson, Frank, New York, N. Y. Handle for tray or the like. 145,281; July 30.

Abicht, Augusta; *See*—
Fisk, Ruth L., and Abicht.

Academy Award Products, Inc., assignee: *See*—
Harwood, Wallace.

Acosta, Robert J., Philadelphia, Pa. Brooch or similar article. 144,883; June 4.

Adams, Arthur F., and N. S. Barger, Chicago, Ill. Radio loud speaker housing or similar article. 145,765; Oct. 22.

Adams, Harry K., Spokane, Wash. Desk writing unit. 146,064; Dec. 17.

Adams, James D., Pittsfield, N. H. Shoe. 143,697; Feb. 5.

Adams, Wilbur H., assignor to Erie Meter Systems, Inc., Erie, Pa. Service station island or the like. 144,669; May 14.

Adams, Wilbur H., assignor to Erie Meter Systems, Inc., Erie, Pa. Dispensing unit for filling stations. 144,752; May 21.

Addressograph-Multigraph Corporation, assignee: *See*—
Parks, Russell V.

Adel Precision Products Corp., assignee: *See*—
Kirby, Raymond J.
Storm, Frederick K.

Adler, Allan, Burbank, Calif. Spoon or similar article. 144,753; May 21.

Adler, Benjamin H., Chicago, Ill. Steak platter or similar article. 145,500; Sept. 3.

Adolf, Louis L., assignor to Comptone Company, New York, N. Y. Front piece for eyeglasses. 145,282; July 30.

Adolf, Raymond L., Galesburg, Ill., assignor to R. L. Adolf and V. E. Groppe, a partnership doing business as Wee Folks Furniture Company, St. Louis, Mo. Combined crib and utility cabinet. 144,670; May 14.

Adolf, Raymond L., Galesburg, Ill., assignor to R. L. Adolf and V. E. Groppe, a partnership doing business as Wee Folks Furniture Company, St. Louis, Mo. Combined nursery bathstand and utility cabinet. 144,671; May 14.

Adrian, Matthew B., Milwaukee, Wis. Foot X-ray machine. 145,864; Nov. 5.

Aerl, Inc., assignee: *See*—
Todd, Earl.

Aerojet Engineering Corporation, assignee: *See*—
Baker, John C.
Morgan, Harry W.

Agency Paper Company, assignee: *See*—
Cohen, Meyer.

Aiken, Percy, Minneapolis, Minn. Height gauge. 144,475; Apr. 23.

Aisner, Mark D., Winnetka, Ill. Scissors. 144,279; Apr. 2.

Ajero, Fortunato S., Chicago, Ill. Desk unit or the like. 145,878; Nov. 12.

Alamo Pottery, Inc., assignee: *See*—
Homan, Harold T.

Aldrich, Harold F.: *See*—
Winslow, Richard H., Bloom, and Aldrich.

Aldridge, Albert E., Elkins Park, assignor to Sun Oil Company, Philadelphia, Pa. Combined dispensing and article display cabinet. 144,476; Apr. 23.

Aleks, Vytant, assignor to Ebaloy, Incorporated, Rockford, Ill. Mailbox. 145,608; Sept. 24.

Aleshin, Evelyn, San Francisco, Calif. Doll head. 145,865; Nov. 5.

Aleshin, Evelyn, San Francisco, Calif. Doll head. 145,866; Nov. 5.

Alexander, Seal T., Vista, Calif. Armored motorcycle. 144,344; Apr. 9.

All-Best Specialties Corp., assignee: *See*—
Siegel, Harry.

Allen, Everett W., et al., assignee: *See*—
Bans, Edward C.

Allen, Grosvenor N., Oneida, and M. P. Fleming, Fulton, assignors to Oneida Ltd., Oneida, N. Y. Spoon or similar article. 145,150; July 9.

Allen, Grosvenor N., Oneida, and M. P. Fleming, Fulton, assignors to Oneida Ltd., Oneida, N. Y. Spoon or similar article. 146,125; Dec. 31.

Allen, Robert L., Battle Creek, Mich. Cab body or the like. 145,414; Aug. 20.

Allen, Robert L., and J. P. Gardner, Battle Creek, Mich. Cab body or the like. 144,672; May 14.

Allied Plastics Company, assignee: *See*—
Crane, Walton B.
Elliott, Donald L.

Alpern, Henrietta, New York, N. Y. Dress. 143,891; Feb. 19.

Alport, Inc., assignee: *See*—
Smith, Edith A.

Alter, Alfred, Company, assignee: *See*—
Alter, Alfred I.

Alter, Alfred I., Wilton, Conn., assignor to Alfred Alter Company, New York, N. Y. Table lamp. 145,557; Sept. 10.

Altman, Abraham, Brooklyn, N. Y. Bottle display package. 143,386; Jan. 1.

Altman, Irving, New York, N. Y. Game board. 145,501; Sept. 3.

Altman, Peter, Detroit, Mich. Airplane. 144,018; Mar. 5.

Altman, Peter, Detroit, Mich. Airplane. 144,019; Mar. 5.

Altman, Peter, Detroit, Mich. Airplane. 144,020; Mar. 5.

Altman, Peter, Detroit, assignor to Continental Motors Corporation, Muskegon, Mich. Portable engine power unit and housing assembly. 143,784; Feb. 12.

Altman, Peter, Detroit, assignor to Continental Motors Corporation, Muskegon, Mich. Portable engine power unit housing. 143,785; Feb. 12.

Aluminum Cooking Utensil Company, assignee: *See*—
Guild, Lurelle.

Aluminum Cooking Utensil Company, The, assignee: *See*—
Guild, Lurelle.

Alvin Corporation, The, assignee: *See*—
Price, James R.

Amendola, Mario J., Los Angeles, Calif. Garden cultivator. 143,787; Feb. 12.

American Blower Corporation, assignee: *See*—
Koch, John B.

American Display Company, The, assignee: *See*—
Dunkelberger, Milton S.

American Glass Corporation, assignee: *See*—
Lowitz, Herman.

American Machine and Metals, Inc., assignee: *See*—
Miller, Hercheal W.

American Metal Crafts Company, assignee: *See*—
Kelliher, Thomas.

American Optical Company, assignee: *See*—
Huttemeyer, Herman F.

American Seating Company, assignee: *See*—
Bond, Willard H., Jr.

Ames, Adina, Milwaukee, Wis. Combined plant container and support. 145,917; Nov. 19.

Amt, George H., Indianapolis, Ind. Costumer. 143,698; Feb. 5.

Anderson, Carl G., and L. G. Livesay, Pryor, Okla. Game board. 144,149; Mar. 19.

Anderson, Fred E., Sheridan, Oreg. Portable power driven hand tool unit. 145,346; Aug. 6.

Anderson, George W., assignor to The General Tire & Rubber Company, Akron, Ohio. Pneumatic tire. 145,766; Oct. 22.

Anderson, George W., assignor to The General Tire & Rubber Company, Akron, Ohio. Pneumatic tire. 145,767; Oct. 22.

Anderson, Gordon R., Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Dynamo-electric machine. 144,231; Mar. 26.

Anderson, Olof Y., Cowesett, R. I. Collar holder. 145,283; July 30.

Anderson, Olof Y., Cowesett, R. I. Collar holder. 145,284; July 30.

Anderson, Ray S., Bessemer, Ala. Medicine applicator or similar article. 144,280; Apr. 2.

Anderson, Robert W., Weehawken, assignor to Keuffel & Esser Company, Hoboken, N. J. Symbol template. 144,094; Mar. 12.

Anderson, Thomas F., assignor to The Sanymetal Products Co. Inc., Cleveland, Ohio. Shower cabinet. 145,374; Aug. 13.

Andreoli, Mario, Providence, R. I. Brooch. 144,444; Apr. 16.

Andresen, Raymond H., assignor to Peerless Tool & Engineering Co., Chicago, Ill. Drill press or similar article. 144,827; May 28.

Andrews, Charles T., Toronto, Ontario, Canada, assignor to Multiple Displays, Inc., New York, N. Y. Display device. 145,768; Oct. 22.

Ansell, Frank E., Brooklyn, N. Y. Bottle. 144,884; June 4.

Anselman, Edward J., assignor to Setney Products Company, Chicago, Ill. Game board. 144,281; Apr. 2.
Anton, Evan J.: *See*—
Marcus, Samuel, and Anton.
Appel, Richard, Kew Gardens, N. Y. Wheeled ladder toy. 144,150; Mar. 19.
Aquilino, Antonio, Providence, R. I. Brooch. 145,707; Oct. 15.
Aquilino, Antonio, Providence, R. I. Brooch. 145,708; Oct. 15.
Argus, Incorporated, assignee: *See*—
Van den Broek, Jan A.
Armour Research Foundation, assignee: *See*—
Camras, Marvin.
Armstrong, Merle M., San Francisco, Calif. Footstool. 145,415; Aug. 20.
Armstrong, Peter V., assignor to Federal Machine and Welder Company, Warren, Ohio. Glider. 145,769; Oct. 22.
Armstrong, Peter V., assignor to Federal Machine and Welder Company, Warren, Ohio. Glider. 145,918; Nov. 19.
Armstrong, Peter V., assignor to Federal Machine and Welder Company, Warren, Ohio. Glider. 145,919; Nov. 19.
Armstrong, Peter V., assignor to Federal Machine and Welder Company, Warren, Ohio. Glider. 145,920; Nov. 19.
Arnold, Harold, Jr., assignee: *See*—
Lessler, Hyman H.
Arnold, Harold G., Wooster, Ohio. Roly-poly toy. 145,050; June 25.
Arnold, William, Washington, D. C. Tobacco smoking pipe for women. 143,786; Feb. 12.
Arona, George R.: *See*—
Heilbroner, Hedwig, and Arona.
Arpels, Claude, New York, N. Y. Combined wrist watch and holder strap therefor. 145,831; Oct. 29.
Arpin, Leonard G., Montclair, N. J. Hat or similar article. 144,151; Mar. 19.
Art-Flex Fashions, assignee: *See*—
Kalisher, Benjamin.
Art Metal Company, The, assignee: *See*—
Barthar, George E., and Terr.
Artzt, Peter, New York, N. Y. Hourglass unit. 145,375; Aug. 13.
Asch, Howard, New York, N. Y. Lamp or similar article. 144,528; May 28.
Asch, Howard, New York, N. Y. Lamp or similar article. 146,063; Dec. 10.
Ash, George T., Washington, D. C. Pipe. 144,346; Apr. 9.
Ash, George T., Washington, D. C. Pipe. 144,435; Apr. 9.
Associated Card and Stationery Company, assignee: *See*—
Little, Sara.
Atkinson, Howard L., Green Bay, Wis. Combination can punch and sealer. 143,387; Jan. 1.
Atlas Instrument Company, assignee: *See*—
Clark, Joseph C.
Auchard, Dwight M., Vallejo, Calif. Push toy. 145,502; Sept. 3.
Autogiro Company of America, assignee: *See*—
Stanley, Paul H.
Automatic Electric Laboratories, Inc., assignee: *See*—
Oberzfell, Herbert F.
Autopoint Company, assignee: *See*—
Beckstrom, Garfield L.
Autoyre Company, Incorporated, The, assignee: *See*—
Simpson, Paul F.
Aviation Corporation, The, assignee: *See*—
Coleman, John D.
Ayres, Francis L., assignor to Stewart-Warner Corporation, Chicago, Ill. Oil bar. 144,829; May 28.
Ayres, Francis L., assignor to Stewart-Warner Corporation, Chicago, Ill. Oil island. 145,243; July 23.
Ayres, Francis L., assignor to Stewart-Warner Corporation, Chicago, Ill. Tool carrier. 145,770; Oct. 22.
Ayres, Francis L., assignor to Stewart-Warner Corporation, Chicago, Ill. Lubricating equipment cabinet. 145,963; Nov. 26.
B. and T. (Components) Limited, assignee: *See*—
Kennedy, Thomas W.
Baca, Hugo H.: *See*—
Neumann, Charles A., and Baca.
Bach, Alfons, New York, N. Y. Piano. 145,648; Oct. 1.
Bach, Alfons, New York, N. Y. Piano. 145,649; Oct. 1.
Bach, Alfons, Stamford, Conn., assignor to Syracuse Ornamental Co., Syracuse, N. Y. Bowl. 144,152; Mar. 19.
Bach, Alfons, Stamford, Conn., assignor to Syracuse Ornamental Co., Syracuse, N. Y. Candle holder. 144,232; Mar. 26.
Bach, Alfons, Stamford, Conn., assignor to Syracuse Ornamental Co., Syracuse, N. Y. Mirror frame or the like. 144,282; Apr. 2.
Bach, Alfons, Stamford, Conn., assignor to Syracuse Ornamental Co., Syracuse, N. Y. Mirror frame or the like. 144,283; Apr. 2.
Bach, Alfons, Stamford, Conn., assignor to Syracuse Ornamental Co., Syracuse, N. Y. Book end. 144,347; Apr. 9.
Bach, Alfons, Stamford, Conn., assignor to Syracuse Ornamental Co., Syracuse, N. Y. Tray. 144,477; Apr. 23.
Bach, Alfons, Stamford, Conn., assignor to Syracuse Ornamental Co., Syracuse, N. Y. Ash tray or similar article. 144,754; May 21.
Bach, Alfons, Stamford, Conn., assignor to Syracuse Ornamental Co., Syracuse, N. Y. Box. 144,885; June 4.
Bach, Alfons, Stamford, Conn., assignor to Syracuse Ornamental Co., Syracuse, N. Y. Wall bracket. 145,194; July 16.
Bach, Alfons, Stamford, Conn., assignor to C. E. Hovey, trustee, Kansas City, Mo. Food dispensing cabinet. 145,609; Sept. 24.
Badgley, Charles H., East Cleveland, Ohio. Hand line holder. 145,503; Sept. 3.
Baer, Lena M., Topeka, Kans. Safety razor. 145,650; Oct. 1.
Baermann, Walter, New York, N. Y. Vending machine. 145,964; Nov. 26.
Baggott, Edmund W., Brooklyn, assignor to Ideal Novelty & Toy Co., Long Island City, N. Y. Toy helicopter. 146,065; Dec. 17.
Bair, Scott S., Westminster, Md. Advertising sign. 144,886; June 4.
Baker Furniture, Inc., assignee: *See*—
Baker, Hollis S.
Baker, Hollis S., assignor to Baker Furniture, Inc., Grand Rapids, Mich. Folding serving table. 145,965; Nov. 26.
Baker, Hollis S., assignor to Baker Furniture, Inc., Grand Rapids, Mich. Extension serving table. 145,966; Nov. 26.
Baker, John C., assignor to Aerojet Engineering Corporation, Pasadena, Calif. Rocket motor nozzle. 143,947; Feb. 26.
Baker, John C., assignor to Aerojet Engineering Corporation, Pasadena, Calif. Rocket motor. 144,095; Mar. 12.
Ballard, Wade E., assignor to Modern Plastic Co., Los Angeles, Calif. Silent butler. 145,967; Nov. 26.
Ballot, Max, New York, N. Y. Button or similar article. 145,558; Sept. 10.
Banick, Stevan, New York, N. Y. Timepiece face. 145,610; Sept. 24.
Bank, Paul, assignor to J. Barbag, New York, N. Y. Wallet or similar article. 143,788; Feb. 12.
Baratelli, Charles A., assignor to Polaroid Corporation, Cambridge, Mass. Eyeshield or similar article. 144,604; May 7.
Barbag, Joseph, assignee: *See*—
Bank, Paul.
Barbieri, Nicholas, Providence, R. I., assignor to Uncas Manufacturing Company. Picture frame. 143,388; Jan. 1.
Barbieri, Nicholas, Providence, R. I., assignor to Uncas Manufacturing Company. Picture frame. 143,389; Jan. 1.
Barbieri, Nicholas, Providence, R. I., assignor to Uncas Manufacturing Company. Picture frame. 143,390; Jan. 1.
Barbieri, Nicholas, Providence, R. I., assignor to Uncas Manufacturing Company. Picture frame. 143,699; Feb. 5.
Barclay, Robert E., assignor to Vail Manufacturing Company, Chicago, Ill. Staple hammer. 144,673; May 14.
Barger, Nathaniel S.: *See*—
Adams, Arthur F., and Barger.
Barker, W. Ira, assignee, et al.: *See*—
Smith, Harvey J.
Barlow, Thomas F., Waterville, Maine. Shoe. 143,391; Jan. 1.
Barlow, Thomas F., Waterville, Maine. Shoe. 143,392; Jan. 1.
Barna, Stephen L., Detroit, Mich. Toothbrush holder. 144,233; Mar. 26.
Barnes, James F., assignor to Barnes & Reinecke, Chicago, Ill. Combination clock and radio. 146,066; Dec. 17.
Barnes & Reinecke, assignee: *See*—
Barnes, James F.
Barnes, W. F. and John, Company, assignee: *See*—
Deesenberg, Josef.
Barofsky, Jack, Los Angeles, Calif. Stand for a hand telephone. 144,674; May 14.
Barofsky, Jack, Los Angeles, Calif. Casing for a piano or similar article. 145,416; Aug. 20.
Barrett, Altina and E., Hollywood, Calif. Spectacle case. 144,445; Apr. 16.
Barrett, Eric: *See*—
Barrett, Altina and E.
Bartelt Engineering Service, assignee: *See*—
Carrière, Laurier A.
Basser, William, London, England. Spectacle frame. 143,700; Feb. 5.
Bassett, Eleanor D., New York, N. Y. Pin. 144,348; Apr. 9.
Bassett, George, Los Angeles, Calif. Bar rail fixture. 145,771; Oct. 22.
Bates, Richard W., Annapolis, Md., assignor to the 1948 A and B Classes of the United States Naval Academy. Class pin. 146,096; Dec. 24.
Baudendistel, Mathias H., St. Louis, Mo. Infant's shoe. 143,701; Feb. 5.
Bauer, Walter C., Chevy Chase, assignor, by mesne assignments, to The Briggs Filtration Company, Bethesda, Md. Portable lubrication unit. 144,538; Apr. 30.

Baum, Fred J.: *See*—
Northrop, John K., Cerny, Baum, and Schwartz.
Baumgartner, Apollinaris, New York, N. Y. Liturgical fabric or similar article. 145,347; Aug. 6.
Baumgartner, Apollinaris, New York, N. Y. Liturgical fabric or similar article. 146,067; Dec. 17.
Baumgartner, Apollinaris, New York, N. Y. Liturgical fabric or similar article. 146,068; Dec. 17.
Baumgartner, Apollinaris, New York, N. Y. Liturgical fabric or similar article. 146,069; Dec. 17.
Baumgartner, Apollinaris, New York, N. Y. Liturgical fabric or similar article. 146,070; Dec. 17.
Baumgartner, Apollinaris, New York, N. Y. Liturgical fabric or similar article. 146,071; Dec. 17.
Baus, Edward C., assignor to E. C. Baus, Cleveland, and E. W. Allen, Cleveland Heights, Ohio, co-partners doing business as El-Mar Tube Products Company. Child's crawler. 143,461; Jan. 8.
Bausenbach, Arthur E., Buffalo, N. Y. Airplane hangar. 143,639; Jan. 29.
Baxter, David, Chicago, Ill. Hair bandeau. 143,702; Feb. 5.
Bay West Paper Company, assignee: *See*—
Peacock, Finley C., and Engel.
Beard, Lois F., St. Petersburg, Fla. Amphibian airplane. 144,675; May 14.
Beck, Derwood A., Seville, and E. A. Eddy, Massillon, Ohio. Airplane. 144,021; Mar. 5.
Beck, Richard G., Adrian, Mich. Blueprint drying machine. 143,892; Feb. 19.
Becker, Aloysius W., assignor to Dearborn Stove Company, Chicago, Ill. Casing for a space heater. 143,893; Feb. 19.
Becker, Aloysius W., assignor to Dearborn Stove Company, Chicago, Ill. Casing for a space heater. 143,894; Feb. 19.
Becker, Aloysius W., assignor to Dearborn Stove Company, Chicago, Ill. Casing for a space heater. 143,895; Feb. 19.
Becker, Aloysius W., assignor to Dearborn Stove Company, Chicago, Ill. Casing for a space heater. 143,896; Feb. 19.
Becker, James E., Lakewood, assignor to The Cleveland Vibrator Company, Cleveland, Ohio. Blow valve or similar article. 144,153; Mar. 19.
Beckstein, George C., assignor to Star Ring Manufacturing Company, Buffalo, N. Y. Case for cigarette and cigar lighter. 143,571; Jan. 22.
Beckstrom, Garfield L., assignor to Autopoint Company, Chicago, Ill. Fountain pen barrel or similar article. 144,534; Apr. 30.
Beckstrom, Garfield L., assignor to Autopoint Company, Chicago, Ill. Telephone-address index or similar article. 145,968; Nov. 26.
Beckwith, Edwin L., Brookline, Mass., assignor to Beckwith Manufacturing Company, Dover, N. H. Chest. 145,195; July 16.
Beckwith Manufacturing Company, assignee: *See*—
Beckwith, Edwin L.
Beder, Samuel L., New York, N. Y. Pounding toy. 145,504; Sept. 3.
Bedwin, Albert W., Grand Rapids, Mich. Game board. 143,393; Jan. 1.
Beer, Leo, Kew Gardens, and H. Stern, New York, N. Y. Braid. 143,523; Jan. 15.
Beer, Leo, Kew Gardens, and H. Stern, New York, N. Y. Braid. 144,349; Apr. 9.
Behr, Siegfried, Flushing, N. Y. Two-piece hair barrette. 144,284; Apr. 2.
Beidelman, Alvin H., Jr., Naperville, Ill. Hand truck. 145,505; Sept. 3.
Bellock, David, New York, N. Y. Tooth brush holder. 144,535; Apr. 30.
Bel Geddes, Norman, New York, assignor to Creative Plastics Corp., Brooklyn, N. Y. Portable bar tray. 145,718; Oct. 15.
Bell Aircraft Corporation, assignee: *See*—
Bowers, Herbert L.
Bowers, Herbert L., and Poyer.
Bowers, Herbert L., and Wolf.
Hall, Randolph F., and Rhodes.
Poyer, Harland M.
Rhodes, Edgar P., and Hall.
Sandstrom, Roy J.
Wolf, Robert A.
Bell, Richard G., Miami, Fla. Telephone stand unit. 143,789; Feb. 12.
Bellin, Milton R., New York, N. Y. Candlestick. 146,097; Dec. 24.
Beltx Corporation, assignee: *See*—
De Woskin, Irvin S.
Bend-a-Lite Plastics Division, branch of Oxygen Equipment & Service Co., assignee: *See*—
Thodos, James E.
Bendix Aviation Corporation, assignee: *See*—
Constantine, Arthur R., and Boldt.
Miles, John R.
Pond, William B., and Holt.
Wood, Louvan E.
Benedict, Charles B., Rochester, N. Y. Sink. 143,897; Feb. 19.
Benjamin, Andrew K.: *See*—
Petremont, Gordon A., Benjamin, and Brown.
Bennett, Robert M., Downers Grove, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Drafting table base. 145,651; Oct. 1.
Bennett, Theodore C., Morton, M. Morton, Philadelphia, and F. M. Gloeckler, Upper Darby, Pa. Airplane. 145,417; Aug. 20.
Benning, Walter E., assignor to Willys-Overland Motors, Inc., Toledo, Ohio. Combined power take-off and pulley drive unit. 143,394; Jan. 1.
Benning, Walter F., assignor to Willys-Overland Motors, Inc., Toledo, Ohio. Power take-off unit. 143,395; Jan. 1.
Benson, Jerome V., and E. F. Fellen, Duluth, Minn. Rocking horse. 143,640; Jan. 29.
Berby, Ola L., assignor to Clyde Iron Works, Inc., Duluth, Minn. Winch. 144,676; May 14.
Bercu, Herman A., Palo Alto, Calif. Smoking pipe. 145,113; July 2.
Berg, Martin O.: *See*—
Trogstad, Finn, and Berg.
Berger, Arthur M., New York, N. Y. Uniform. 145,376; Aug. 13.
Berger, Samuel I., Newark, N. J. Toy gun. 145,652; Oct. 1.
Bergman, Ted, Miami, Fla. Statuette or similar article. 146,126; Dec. 31.
Berhard, Lucian, New York, N. Y., assignor to Kenffel & Esser Company, Hoboken, N. J. Font of numerals. 144,536; Apr. 30.
Berkow, Murray: *See*—
Kartvell, Alexander, and Berkow.
Berkowitz, Maurice, New York, N. Y. Doll or similar article. 145,703; Feb. 5.
Berna, Albert J., Detroit, Mich. Clothes rack. 146,014; Dec. 10.
Bernas, Jacques, New York, N. Y. Bracelet or similar article. 145,783; Oct. 22.
Bernath, Egon, New York, N. Y. Raincoat or similar article. 145,969; Nov. 26.
Better Packages, Inc., assignee: *See*—
Krueger, Theodore H.
Bierig, Carl W., Joplin, Mo. Combination mail box and magazine and newspaper rack. 145,002; June 18.
Bigelow, Charles A., Houston, Tex. Aircraft tire. 145,348; Aug. 6.
Biggins, Robert B. J.: *See*—
Garrett, Minnie G., and Biggins.
Bihl, Jerome U., San Marino, Calif. Game board. 145,559; Sept. 10.
Biller, David J., St. Louis, and B. A. Kaeppel, Normandy, assignors to Day-Brite Lighting, Inc., St. Louis, Mo. Louvered fluorescent lighting fixture. 143,641; Jan. 29.
Billet, Philip and Irving Levy, New York, N. Y. Couch or the like. 144,677; May 14.
Billups, James O., Manhattan Beach, Calif. Bottle or similar article. 146,127; Dec. 31.
Billups, James O., Manhattan Beach, Calif. Bottle or similar article. 146,128; Dec. 31.
Binder, Leo J., Spokane, Wash. Combined coaster and ash tray holder. 145,653; Oct. 1.
Bird & Son, inc., assignee: *See*—
Garner, Robert V., and Macchi.
Bittel, Harold E.: *See*—
Bittel, John A. and H. E.
Bittel, John A. and H. E., assignors to George B. Hart, Inc., Rochester, N. Y. Tie rack. 146,015; Dec. 10.
Bixby, Harold S., New Haven, Conn. Combined socket and connector for Christmas tree lamps or the like. 143,792; Feb. 12.
Bixer, Edmond P., New York, N. Y. Cloth display rack. 144,755; May 21.
Bixler Corporation, The, assignee: *See*—
Plasket, Chester S.
Bjorksten, Johan, Chicago, Ill. Laboratory workbench. 145,654; Oct. 1.
Bjorksten, Johan, Chicago, Ill. Laboratory workbench. 145,784; Oct. 22.
Bjorksten, Johan, Chicago, Ill. Laboratory workbench. 145,785; Oct. 22.
Black, Donald R., assignor to Inland Rubber Corporation, Chicago, Ill. Cyclist handle grip. 144,446; Apr. 16.
Blackhall, Renard M., and M. Kaufman, Chicago, Ill. Paper weight or similar article. 146,129; Dec. 31.
Blackwood, Merl A., Freeport, Ill., assignor, by mesne assignments, to Rockwell Manufacturing Company, Pittsburgh, Pa. Refrigerator door latch. 144,234; Mar. 26.
Blair Manufacturing Company, assignee: *See*—
Wells, Fred W.
Blake, Charles D., Pelham Manor, assignor to Premier Optical Products, Inc., New York, N. Y. Combination hand mirror and stand or similar article. 145,051; June 25.
Blazey, Lawrence E., Bay Village, Ohio, assignor to Industrial Electronic Corporation, Brooklyn, N. Y. Radio cabinet. 144,887; June 4.
Blickman, S., Inc., assignee: *See*—
Clachko, Josiah S.
Blomberg, Otto J.: *See*—
Eklind, Henning A., and Blomberg.

Blomgren, Oscar C., Evanston, Ill. Microscope. 143,396; Jan. 1.
Blons, M. J., and Company, assignee: *See*—
Steele, Elmer A.
Blons, Maurice J., assignee: *See*—
Steele, Elmer A.
Bloom, William F.: *See*—
Winslow, Richard H., Bloom, and Aldrich.
Bloomfield, Samuel, Wichita, Kans., assignor to C. E. Hover, trustee, Kansas City, Mo. Waste receptacle. 145,970; Nov. 26.
Blum, Arthur, Brooklyn, N. Y. Spectacle frame or similar articles. 144,678; May 14.
Blumm, Stanley W., Marathon, N. Y. Convertible ice and roller skate. 144,605; May 7.
Bockmann Engraving Company, assignee: *See*—
Bockmann, Louis F.
Bockmann, Louis F., River Forest, assignor to Bockmann Engraving Company, Chicago, Ill. Sheet of writing paper or the like. 144,888; June 4.
Bockmann, Louis F., River Forest, assignor to Bockmann Engraving Company, Chicago, Ill. Sheet of writing paper or the like. 144,889; June 4.
Bockmann, Louis F., River Forest, assignor to Bockmann Engraving Company, Chicago, Ill. Sheet of writing paper or the like. 144,890; June 4.
Bockmann, Louis F., River Forest, assignor to Bockmann Engraving Company, Chicago, Ill. Sheet of writing paper or the like. 144,891; June 4.
Bockmann, Louis F., River Forest, assignor to Bockmann Engraving Company, Chicago, Ill. Sheet of writing paper or the like. 144,892; June 4.
Bockmann, Louis F., River Forest, assignor to Bockmann Engraving Company, Chicago, Ill. Sheet of writing paper or the like. 144,893; June 4.
Bockmann, Louis F., River Forest, assignor to Bockmann Engraving Company, Chicago, Ill. Sheet of writing paper or the like. 144,894; June 4.
Bockmann, Louis F., River Forest, assignor to Bockmann Engraving Company, Chicago, Ill. Sheet of writing paper or the like. 144,895; June 4.
Bockmann, Louis F., River Forest, assignor to Bockmann Engraving Company, Chicago, Ill. Sheet of writing paper or the like. 144,896; June 4.
Bockmann, Louis F., River Forest, assignor to Bockmann Engraving Company, Chicago, Ill. Sheet of writing paper or the like. 144,897; June 4.
Bockmann, Louis F., River Forest, assignor to Bockmann Engraving Company, Chicago, Ill. Sheet of writing paper or the like. 144,898; June 4.
Bockmann, Louis F., River Forest, assignor to Bockmann Engraving Company, Chicago, Ill. Sheet of writing paper or the like. 144,899; June 4.
Boeing Aircraft Company, assignee: *See*—
Houpt, Donald T.
Boepple, Gottlieb C., Glendale, Calif. Side rail for truck bodies or the like. 144,900; June 4.
Bogert, Ormonde, Maplewood, and W. B. Hewitt, Orange, assignors to Lehman Bros., Inc., Newark, N. J. Sandblast casing. 143,704; Feb. 5.
Boisselier, Earl D., Glen Ellyn, assignor to Sears, Roebuck and Co., Chicago, Ill. Infant's play pen. 145,052; June 25.
Boldt, Melvin H.: *See*—
Constantine, Arthur R., and Boldt.
Bolten, John, Andover, Mass. Garment hanger. 144,679; May 14.
Bolten, John, Andover, Mass. Garment hanger. 144,680; May 14.
Bolten, John, Andover, Mass., and H. Spitz, Great Neck, N. Y. Garment hanger. 144,681; May 14.
Bolten, John, Andover, Mass., and H. Spitz, Great Neck, N. Y. Garment hanger. 145,053; June 25.
Bonat, Harry, assignor to Samuel Bonat & Bro., New York, N. Y. Hair curler. 143,705; Feb. 5.
Bonat, Samuel, & Bro., assignee: *See*—
Bonat, Harry.
Bond, Thomas B., Detroit, Mich., assignor to U. S. Steel Furniture Manufacturing Corp., New York, N. Y. Chair. 143,462; Jan. 8.
Bond, Willard H., Jr., assignor to American Seating Company, Grand Rapids, Mich. Chair standard. 145,971; Nov. 26.
Bond, Willard H., Jr., assignor to American Seating Company, Grand Rapids, Mich. Chair standard. 145,972; Nov. 26.
Bond, Willard H., Jr., assignor to American Seating Company, Grand Rapids, Mich. Chair standard. 145,973; Nov. 26.
Bond, Willard H., Jr., assignor to American Seating Company, Grand Rapids, Mich. Chair standard. 145,974; Nov. 26.
Bonn, Harry, Union City, N. J. Hat or similar article. 145,560; Sept. 10.
Borowski, John P., Brooklyn, N. Y. Electric lantern. 144,022; Mar. 5.
Botkin, Joseph L., Los Angeles, Calif. Combination pencil holder and lead dispenser. 144,350; Apr. 9.
Botnick Motor Corporation, assignee: *See*—
Snell, Francis A.
Boucher, Marcel, New York, N. Y. Earring. 145,054; June 25.
Boucher, Marcel, New York, N. Y. Pin or similar article. 145,055; June 25.
Boucher, Marcel, New York, N. Y. Pin or similar article. 145,056; June 25.
Boucher, Marcel, New York, N. Y. Pin or similar article. 145,057; June 25.
Boucher, Marcel, New York, N. Y. Pin or similar article. 145,058; June 25.
Boucher, Marcel, New York, N. Y. Clip. 145,151; July 9.
Boucher, Marcel, New York, N. Y. Clip. 145,152; July 9.
Boucher, Marcel, New York, N. Y. Clip. 145,561; Sept. 10.
Bouhall, Edward F., Cleveland, assignor to The C. L. Gougler Keyless Lock Company, Kent, Ohio. Keyless lock. 144,682; May 14.
Bouhall, Edward F., Cleveland, assignor to The C. L. Gougler Keyless Lock Company, Kent, Ohio. Keyless lock. 144,683; May 14.
Bouhall, Edward F., Cleveland, assignor to The C. L. Gougler Keyless Lock Company, Kent, Ohio. Keyless lock. 144,684; May 14.
Bouhall, Edward F., Cleveland, assignor to The C. L. Gougler Keyless Lock Company, Kent, Ohio. Combination keyless and key lock. 144,685; May 14.
Boutemy, André, New York, N. Y. Ear ornament or similar article. 145,196; July 16.
Bouthillette, George N., Everett, Mass. Arch support. 143,642; Jan. 29.
Bovay, Norman E., Naugatuck, assignor to Sport Products, Inc., Cincinnati, Ohio. Shoe sole. 145,153; July 9.
Bowen, Alice S., Honolulu, Hawaii, assignor to S & S Gump Co. Bracelet or similar article. 143,700; Feb. 12.
Bowers, Herbert L., Kenmore, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Airplane. 143,706; Feb. 5.
Bowers, Herbert L., Kenmore, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Airplane. 143,707; Feb. 5.
Bowers, Herbert L., Kenmore, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Airplane. 146,072; Dec. 17.
Bowers, Herbert L., and R. A. Wolf, Kenmore, assignors to Bell Aircraft Corporation, Buffalo, N. Y. Airplane. 144,023; Mar. 5.
Bowers, Herbert L., Kenmore, and H. M. Poyer, Lewiston, assignors to Bell Aircraft Corporation, Buffalo, N. Y. Airplane. 144,024; Mar. 5.
Bowers, Herbert L., and R. A. Wolf, Kenmore, assignors to Bell Aircraft Corporation, Buffalo, N. Y. Airplane. 144,025; Mar. 5.
Bowers, Herbert L., and R. A. Wolf, Kenmore, assignors to Bell Aircraft Corporation, Buffalo, N. Y. Airplane. 144,026; Mar. 5.
Bowers, Herbert L., and R. A. Wolf, Kenmore, assignors to Bell Aircraft Corporation, Buffalo, N. Y. Airplane. 144,027; Mar. 5.
Bowers, Herbert L., and R. A. Wolf, Kenmore, assignors to Bell Aircraft Corporation, Buffalo, N. Y. Airplane. 144,028; Mar. 5.
Bowers, Herbert L., and R. A. Wolf, Kenmore, assignors to Bell Aircraft Corporation, Buffalo, N. Y. Airplane. 144,686; May 14.
Bowlen, Nord, assignor to Rogers, Lunt & Bowlen Company, Greenfield, Mass. Spoon or similar article. 144,154; Mar. 19.
Bowser, Inc., assignee: *See*—
Sundberg, Carl W.
Boyajian, Philip, New York, N. Y. Toy frog. 144,096; Mar. 12.
Boyes, Mary A., Inglewood, Calif. Child's chamber. 145,903; June 18.
Bradley Washfountain Co., assignee: *See*—
Stevens, Clifford B.
Brantz, Louis P., Philadelphia, Pa. Chair cart. 145,655; Oct. 1.
Brass, Edward A., Shreveport, La. Police signal box. 144,235; Mar. 26.
Brass, Edward A., Shreveport, La. Fire alarm box. 145,472; Aug. 27.
Braunstein, Jules, Studio City, Calif. Link chain for a bracelet or similar article. 144,351; Apr. 9.
Braunstein, Jules, Studio City, Calif. Link chain for a bracelet or similar article. 144,352; Apr. 9.
Braunstein, Jules, Studio City, Calif. Link chain for a bracelet or similar article. 144,353; Apr. 9.
Braunstein, Jules, Los Angeles, Calif. Link chain for a bracelet or similar article. 144,901; June 4.
Braunstein, Jules, Los Angeles, Calif. Link chain for a bracelet or similar article. 144,902; June 4.
Braunstein, Jules, Los Angeles, Calif. Link chain for a bracelet or similar article. 144,903; June 4.
Braunstein, Jules, Los Angeles, Calif. Link chain for a bracelet or similar article. 144,904; June 4.
Braunstein, Jules, Los Angeles, Calif. Link chain for a bracelet or similar article. 145,418; Aug. 20.
Braunstein, Jules, Los Angeles, Calif. Link chain for a bracelet or similar article. 145,419; Aug. 20.
Braunstein, Jules, Los Angeles, Calif. Link chain for a bracelet or similar article. 145,420; Aug. 20.
Braunstein, Jules, Los Angeles, Calif. Link chain for a bracelet or similar article. 145,421; Aug. 20.
Braunstein, Jules, Los Angeles, Calif. Link chain for a bracelet or similar article. 145,422; Aug. 20.

Braunstein, Jules, Los Angeles, Calif. Link chain for a bracelet or similar article. 145,423; Aug. 20.
Braunstein, Jules, Los Angeles, Calif. Link chain for a bracelet or similar article. 145,424; Aug. 20.
Braunstein, Jules, Los Angeles, Calif. Link chain for a bracelet or similar article. 145,425; Aug. 20.
Braunstein, Jules, Los Angeles, Calif. Link chain for a bracelet or similar article. 145,426; Aug. 20.
Breakfast in Hollywood, assignee: *See*—
Joseff, Eugene.
Brennan, Arthur P., Dedham, Mass. Combined radio receiver, lamp, and ash tray. 144,537; Apr. 30.
Brennan, Ruth Mills, Larchmont, N. Y. Doll. 144,756; May 21.
Brewer, John A., Kalamazoo, Mich. Whirligig toy. 145,285; July 30.
Briggs Filtration Company, The, assignee: *See*—
Bauer, Walter C.
Brinkman, Paul, Los Angeles, Calif. Radio receiver. 145,508; Sept. 3.
Brinson, Thomas F., assignor to Scripto Manufacturing Company, Atlanta, Ga. Fountain pen. 145,114; July 2.
Brinson, Thomas F., assignor to Scripto Manufacturing Company, Atlanta, Ga. Fountain pen. 145,115; July 2.
Brintnall, Archibald C., Denver, Colo. Wrench. 143,898; Feb. 19.
Briskin, Jack, assignor to Revere Camera Company, Chicago, Ill. Film splicer. 144,687; May 14.
Briskin, Jack, assignor to Revere Camera Company, Chicago, Ill. Base for a film splicer. 144,688; May 14.
British-Makes, Inc., assignee: *See*—
Innes, James, Cohen, and Spatz.
Broadbent, Felippe A., Washington, D. C. Kitchen cabinet. 144,029; Mar. 5.
Broadbent, Felippe A., Washington, D. C. Kitchen cabinet. 144,030; Mar. 5.
Broadbent, Felippe A., Washington, D. C. Kitchen cabinet. 144,031; Mar. 5.
Broadbent, Felippe A., Washington, D. C. Kitchen cabinet. 144,032; Mar. 5.
Broadbent, Felippe A., Washington, D. C. Kitchen cabinet. 144,033; Mar. 5.
Broadwell, Harry M., Bristol, Conn. Clothespin or the like. 145,377; Aug. 13.
Broady, John G., assignee: *See*—
Kiny, Darryl.
Brockman, Morton S., assignor to Grossman Music Co., Cleveland, Ohio. Valve key for musical instruments. 143,708; Feb. 5.
Brody, Abraham, New York, N. Y. Earring or similar article. 144,606; May 7.
Brogan, Frank, Cincinnati, Ohio. Motorcycle. 145,772; Oct. 22.
Bronfman, Benjamin, Lynbrook, N. Y., assignor to The Cofax Corporation. Adhesive tape dispenser. 145,773; Oct. 22.
Bronfman, Benjamin, Lynbrook, N. Y., assignor to The Cofax Corporation. Adhesive tape dispenser. 146,130; Dec. 31.
Brooks, Irvin, E., assignee: *See*—
Early, Thomas V.
Brotheridge, John: *See*—
Prince, Earl S.
Brotherton, William H., Rogersville, Tenn. Combination fence tool. 143,709; Feb. 5.
Brotman, Hyman D., assignee: *See*—
Walker, George W.
Brown & Bigelow, assignee: *See*—
Trollen, Martin E.
Woofter, Cecil B.
Brown, Edmund C.: *See*—
Petremont, Gordon A., Benjamin, and Brown.
Brown, George H., Princeton, N. J., assignor to Radio Corporation of America. Antenna. 145,116; July 2.
Brown, Kenneth H., and L. L. Harle, Cleveland, Tenn. Heater. 144,097; Mar. 12.
Browne, Herschel O., Kansas City, Mo., and W. J. Klassen, Johnson County, Kans. Combined cleaver and meat tenderizer. 145,004; June 18.
Browne, Jack, Milwaukee, Wis. Swim mask. 143,948; Feb. 26.
Bruce, Charles E., assignor of one-fourth to Charles G. Johnson, Memphis, Tenn., and one-fourth to Arjoree Dell Cauthen, Dallas, Tex. Frame for bicycles. 143,572; Jan. 22.
Brunetti, Joseph, assignor to Columbia Protektosite Co., Inc., Carlstadt, N. J. Transparent comb or similar article. 143,573; Jan. 22.
Brunetti, Joseph, assignor to Columbia Protektosite Co., Inc., Carlstadt, N. J. Comb or similar article. 143,949; Feb. 26.
Brunetti, Joseph, Carlstadt, assignor to Plastic Art Toy Corporation of America, Rutherford, N. J. Fork or similar article. 145,349; Aug. 6.
Bryson, Lloyd E., Los Angeles, Calif. Wheel or tire change rest or similar article. 144,689; May 14.
Buchmann, Louis, assignee: *See*—
Strauss, Luke J.
Buckele, Walter J., Arlington, Va. Dispensing holder for tooth paste tubes and the like. 144,690; May 14.
Buckingham, John D., assignor to Lucien LeLong, Inc., Chicago, Ill. Lipstick holder. 145,506; Sept. 3.
Buckley & Scott, Inc., assignee: *See*—
Holmes, Caroline D.
Buckow, Oscar A. von S., Basking Ridge, assignor to Engraving and Engine Turning Co., Inc., Newark, N. J. Birth data napkin ring. 144,155; Mar. 19.
Budlong, Robert D., assignor to C. Strom, Chicago, Ill. Electric fan. 144,034; Mar. 5.
Budlong, Robert D., Skokie, Ill., assignor to Zenith Radio Corporation. Radio cabinet. 145,507; Sept. 3.
Budrakey, James P., Troy, N. Y. Child's trainer or similar article. 143,574; Jan. 22.
Bugenhagen, George H., Midland, Mich. Cigarette case. 144,479; Apr. 23.
Bult, Paul L., Chicago, Ill. Gate. 145,059; June 25.
Bunnell, James, Denver, Colo. Pendulum toy. 144,098; Mar. 12.
Bunting, Earl, Winchester, Va. Rubber heel. 145,378; Aug. 13.
Bunting Glider Company, assignee: *See*—
Roth, Andrew.
Burch, Douglas T., Redwood City, Calif. Household combination tool. 143,710; Feb. 5.
Burch, Oren P., Aberdeen, Wash. Ring. 143,463; Jan. 8.
Burger, Charles H., Bronx, N. Y., assignor to B. R. Hendler, Baltimore, Md. Goblet. 144,447; Apr. 16.
Burger, Charles H., Bronx, N. Y., assignor to Bernard R. Hendler, Baltimore, Md. Goblet. 144,478; Apr. 23.
Burger, Charles H., Jr., assignor to Pura Ti Corporation, New York, N. Y. Combined bottle and container. 144,691; May 14.
Burger, Joseph, New York, N. Y. Desk file. 143,643; Jan. 29.
Burgess Battery Company, assignee: *See*—
Schofield, Earl L.
Burke, James D., assignor to A. M. Maree, Jr., S. L. Post, S. E. Lindahl, and J. D. Burke, Los Angeles, Calif. Spring testing machine. 145,060; June 25.
Burnett, William J., San Antonio, Tex. Game board. 144,285; Apr. 2.
Burston, Maurice B., Wethersfield, Conn. Athletic supporter. 144,286; Apr. 2.
Burt, Ralph E., Longmeadow, Mass. Mail box or similar article. 145,832; Oct. 29.
Burtis, Eric, Los Angeles, Calif. Tobacco bowl or similar article. 144,757; May 21.
Burtis, Eric, Los Angeles, Calif. Statuette or similar article. 145,154; July 9.
Burton, Edward F., Los Angeles, Calif. Airplane. 143,791; Feb. 12.
Burton, Edward F., Los Angeles, assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Airplane. 145,774; Oct. 22.
Busch, Conrad J., Wyomissing, assignor to The Narrow Fabric Company, West Reading, Pa. Textile fabric. 144,448; Apr. 16.
Busch, Conrad J., Wyomissing, assignor to The Narrow Fabric Company, West Reading, Pa. Textile fabric. 144,449; Apr. 16.
Butterfield, Easter M., Redondo Beach, Calif. Bottle holder. 145,611; Sept. 24.
Bye, Harold P., Washington, D. C. Muffler. 143,524; Jan. 15.
Byrd, Richard L., Dallas, Tex. Theater sign. 145,117; July 2.
Byrer, Ralph W., Rockford, Ill. Game board. 145,118; July 2.
Cadle, Ve Elizabeth, Alexandria, Va. Coffee pot. 144,354; Apr. 9.
Caianiello, John, New York, N. Y. Costume jewelry pin. 144,809; Feb. 19.
Caianiello, John, New York, N. Y. Costume jewelry pin. 144,480; Apr. 23.
Caianiello, John, New York, N. Y. Costume jewelry pin. 144,830; May 28.
Caianiello, John, New York, N. Y. Costume jewelry pin. 144,831; May 28.
Cailloux, Helen, New Orleans, La. Ash tray or similar article. 144,236; Mar. 26.
Calem, Bernard, New York, N. Y. Handbag. 145,005; June 18.
Calem, Bernard, New York, N. Y. Handbag. 145,473; Aug. 27.
Calichio, John J., Forest Hills, N. Y. Letter opener. 145,658; Oct. 1.
Calkins Appliance Corporation, assignee: *See*—
Stelzer, Otto E.
Cameron, Donald W. A., Musbury, Axminster, England. Combined electric lampstand and clock. 144,539; Apr. 30.
Cameron, Malcolm P., Los Angeles, Calif. Tea cup. 143,905; June 4.
Cameron, Margaret M., New York, N. Y. Shoe ornament. 143,397; Jan. 1.
Cameron, Margaret M., New York, N. Y. Child's bib. 143,793; Feb. 12.
Cameron, Margaret M., New York, N. Y. Child's bib. 143,794; Feb. 12.
Cameron, Margaret M., New York, N. Y. Child's bib. 145,006; June 18.
Cameron, Margaret M., New York, N. Y. Child's bib. 145,061; June 25.
Cameron, Margaret M., New York, N. Y. Child's bib. 145,062; June 25.

Cameron, Margaret M., New York, N. Y. Child's bib. 145,063; June 25.
Cameron, Margaret M., New York, N. Y. Child's bib. 145,064; June 25.
Cameron, Margaret M., New York, N. Y. Child's bib. 145,065; June 25.
Camp, Fred V., Stayton, Oreg. Fish lure. 145,879; Nov. 12.
Campbell, James T., Detroit, Mich. Plate developer. 144,440; Apr. 30.
Campbell, Laurie J., and M. E. Hirsch, Erie, Pa., assignors to Louis Marx & Company, Inc., New York, N. Y. Ball point fountain pen. 146,016; Dec. 10.
Cainras, Marvin, assignor to Armour Research Foundation, Chicago, Ill. Magnetic record magazine or similar article. 143,575; Jan. 22.
Canfield, Virgil David, Vashon, Wash. Combined case and cribbage board. 144,692; May 14.
Canova, Harry L., North Hollywood, Calif. Combined chip holder and ash tray. 144,541; Apr. 30.
Caplin, Ruth S., assignor to Kaylon Incorporated, New York, N. Y. Fabric. 145,119; July 2.
Caramadre, Antonio, Providence, R. I. Picture frame or similar article. 144,957; June 11.
Carduner, William, and L. Le Kashman, New York, N. Y., assignors to Multi Slide Instrument Corp., Chicago, Ill. Calculator for radio signaling. 144,355; Apr. 9.
Caridi, Joseph, Brooklyn, N. Y. Fishing pole tip. 143,398; Jan. 1.
Carlson, Bert G., Gates Mills, assignor, by mesne assignments, to Jack & Heintz Precision Industries, Inc., Cleveland, Ohio. Airplane. 145,880; Nov. 12.
Carlson, Charles W., assignor to United States Glass Company, Tiffin, Ohio. Plate. 145,612; Sept. 24.
Carlson, Charles W., assignor to United States Glass Company, Tiffin, Ohio. Plate. 145,613; Sept. 24.
Carney, Benedict F., Evanston, assignor to Spies Brothers, Inc., Chicago, Ill. Scapular ring or similar article. 145,921; Nov. 19.
Carpadus, Leah, New York, N. Y. Towel or similar article. 145,879; Aug. 13.
Carpadus, Leah, New York, N. Y. Towel or similar article. 145,880; Aug. 13.
Carpadus, Leah, New York, N. Y. Towel or similar article. 145,881; Aug. 13.
Carpadus, Leah, New York, N. Y. Towel or similar article. 145,882; Aug. 13.
Carpadus, Leah, New York, N. Y. Towel or similar article. 145,883; Aug. 13.
Carpadus, Leah, New York, N. Y. Towel or similar article. 145,884; Aug. 13.
Carpadus, Leah, New York, N. Y. Towel or similar article. 145,885; Aug. 13.
Carpadus, Leah, New York, N. Y. Towel or similar article. 145,886; Aug. 13.
Carpadus, Leah, New York, N. Y. Towel or similar article. 145,887; Aug. 13.
Carpadus, Leah, New York, N. Y. Towel or similar article. 145,888; Aug. 13.
Carpadus, Leah, New York, N. Y. Towel or similar article. 145,889; Aug. 13.
Carr, J. B., Biscuit Company, assignee: *See*— Carr, Jasper B.
Carr, Jasper B., Trucksville, assignor to J. B. Carr Biscuit Company, Wilkes-Barre, Pa. Cooky. 146,073; Dec. 17.
Carr, Jasper B., Trucksville, assignor to J. B. Carr Biscuit Company, Wilkes-Barre, Pa. Cooky. 146,074; Dec. 17.
Carr, Jasper B., Trucksville, assignor to J. B. Carr Biscuit Company, Wilkes-Barre, Pa. Cooky. 146,075; Dec. 17.
Carrier Corporation, assignee: *See*— Dreyfuss, Henry.
Carriere, Laurier A., assignor to Bartelt Engineering Service, Rockford, Ill. Jewelry display box or the like. 143,711; Feb. 5.
Carter, Cecil F., New York, N. Y. Bracelet. 145,775; Oct. 22.
Carter, Cecil F., New York, N. Y. Bracelet. 145,776; Oct. 22.
Carter's Ink Company, The, assignee: *See*— Kendrick, Laurence W.
Cartier, Inc., assignee: *See*— Foret, Edmond, and Graeter. Graeter, Harold.
Carulli, John, Branford, assignor to The Miller Company, Meriden, Conn. End plate for fluorescent lighting fixtures. 144,758; May 21.
Casalino, Joseph, Forest Hills Gardens, Long Island, assignor to Dieplast Corporation, New York, N. Y. Hand mirror frame. 144,287; Apr. 2.
Casalino, Joseph, Forest Hills Gardens, Long Island, assignor to Dieplast Corporation, New York, N. Y. Hand mirror frame. 145,709; Oct. 15.
Casanov, Raymond C., Chicago, Ill. Juice extractor. 144,481; Apr. 23.
Cascino, August, Providence, R. I. Jewelry pin or similar article. 144,958; June 11.
Case, Emerson E., assignor to Robeson Cutlery Company, Inc., Perry, N. Y. Combined scabbard and carving knife or similar article. 145,922; Nov. 19.
Case, Emerson E., assignor to Robeson Cutlery Company, Inc., Perry, N. Y. Combined scabbard and carving implement set. 145,923; Nov. 19.
Case, Emerson E., assignor to Robeson Cutlery Company, Inc., Perry, N. Y. Combined scabbard and carving implement set. 145,924; Nov. 19.
Case, Frank P., assignee: *See*— Gosling, Henry A.
Case, Frank P., assignor of one-half to H. A. Gosling, Chicago, Ill. Shoe rack. 143,795; Feb. 12.
Case, Frank P., assignor of one-half to H. A. Gosling, Chicago, Ill. Combined settee and telephone cabinet. 145,857; Oct. 1.
Catauzarite, Patsy G., and S. J. Lamancusa, assignors to W. Thomas, Cleveland, Ohio. Figure toy. 145,066; June 25.
Cates, Munford P., San Angelo, Tex. Tie clasp. 143,399; Jan. 1.
Cauthen, Arjoree D., et al., assignee: *See*— Bruce, Charles E.
Centra Leather Goods Corporation, assignee: *See*— Marcus, Morris.
Cerny, Walter J.: *See*— Northrop, John K., Cerny, Baum, and Schwartz.
Chalk, Benjamin, New York, N. Y. Doll. 144,693; May 14.
Chalk, Benjamin, New York, N. Y. Doll. 144,694; May 14.
Chambers, Frederick C., Chicago, Ill. Pipe receptacle. 145,562; Sept. 10.
Chambers, Joseph A., Memphis, Tenn. Dispensing machine for beverages and ice cream. 146,131; Dec. 31.
Chandler, Edward A.: *See*— Taylor, Thomas T.
Chandler, James H., Oak Park, assignor to Ekco Products Company, Chicago, Ill. Handle for kitchen utensils or similar articles. 143,644; Jan. 29.
Chandler, James H., Oak Park, assignor to Ekco Products Company, Chicago, Ill. Handle for kitchen utensils or similar articles. 143,645; Jan. 29.
Chandler, James H., Oak Park, assignor to Ekco Products Company, Chicago, Ill. Can opener. 143,646; Jan. 29.
Chandler, James H., Oak Park, assignor to Ekco Products Company, Chicago, Ill. Can opener. 143,647; Jan. 29.
Chandler, James H., Oak Park, assignor to Ekco Products Company, Chicago, Ill. Handle for kitchen utensils for similar article. 145,687; Oct. 8.
Chandler, James H., Oak Park, and M. J. Zimmer, Woodale, assignors to Ekco Products Company, Chicago, Ill. Can opener. 144,099; Mar. 12.
Chandler, James H., Oak Park, and M. J. Zimmer, Woodale, assignors to Ekco Products Company, Chicago, Ill. Can opener. 144,100; Mar. 12.
Chandler, James H., Oak Park, and A. J. Eggleston, assignors to Ekco Products Company, Chicago, Ill. Kitchen tool or similar article. 145,685; Oct. 8.
Chandler, James H., Oak Park, and A. J. Eggleston, assignors to Ekco Products Company, Chicago, Ill. Kitchen tool or similar article. 145,686; Oct. 8.
Charters, William J., Ankeny, Iowa. Dental stimulating instrument. 144,607; May 7.
Chase, Henry C., Chicago, Ill. Showcase. 145,833; Oct. 29.
Chase, Henry C., Chicago, Ill. Showcase. 145,834; Oct. 29.
Chase, Henry C., Chicago, Ill. Showcase. 145,835; Oct. 29.
Chefford Master Manufacturing Company, Incorporated, assignee: *See*— Katcher, Morris.
Cherneff, Leonard D., Seattle, Wash. Combined wall clock, money bank, and calendar. 145,350; Aug. 6.
Cherneff, Leonard D., Seattle, Wash. Altar or similar article. 145,995; Dec. 3.
Chernow, Michael, New York, N. Y. Bracelet or the like. 144,759; May 21.
Chernow, Michael, New York, N. Y. Earring or the like. 144,760; May 21.
Chernow, Michael, New York, N. Y. Earring or the like. 144,761; May 21.
Chernow, Michael, New York, N. Y. Earring or the like. 144,762; May 21.
Chernow, Michael, New York, N. Y. Earring or similar article. 144,763; May 21.
Chernow, Michael, New York, N. Y. Earring or similar article. 144,764; May 21.
Chernow, Michael, New York, N. Y. Earring or similar article. 144,765; May 21.
Chernow, Michael, New York, N. Y. Earring or similar article. 144,766; May 21.
Chernow, Michael, New York, N. Y. Earring or similar article. 144,767; May 21.
Chernow, Michael, New York, N. Y. Link chain for a bracelet or similar article. 144,906; June 4.
Chernow, Michael, New York, N. Y. Bracelet or the like. 145,881; Nov. 12.
Chicago Electric Manufacturing Company, assignee: *See*— Maxson, William E., Jr.
Maxson, William E., Jr., and Rodwick.
Child Specialties, Inc., assignee: *See*— Weideman, Edward C.
Chmielewski, Stanley A.: *See*— Hirsch, Benjamin F., and Chmielewski.
Christen, Marcel, New York, N. Y. Textile fabric. 144,237; Mar. 26.

Christensen, Leland R., Craig, Nebr. Pencil. 144,238; Mar. 26.
Christensen, Norman V., and N. L. Wallenberg, assignors to Union Special Machine Company, Chicago, Ill. Sewing machine housing. 144,768; May 21.
Christie, John A., Akron, Ohio, assignor to The Mohawk Rubber Company. Tire. 145,155; July 9.
Christie, Louis E., Seattle, Wash. Game board. 145,067; June 25.
Christopher, Clinton J., Minneapolis, Minn. Show case or similar article. 145,197; July 16.
Cinchko, Josiah S., Ridgefield Park, assignor to S. Blickman, Inc., Weehawken, N. J. Overbed table. 145,777; Oct. 22.
Clark, Clinton B., Oak Park, Ill. Overhead monorail train. 145,658; Oct. 1.
Clark, Joseph C., Merchantville, assignor to Atlas Instrument Company, Haddonfield, N. J. Electric scissors or the like. 144,288; Apr. 2.
Claypool, Glenn F., Oak Park, Ill. Bottle or similar article. 143,576; Jan. 22.
Claypool, Glenn F., Oak Park, Ill. Bottle or similar article. 143,577; Jan. 22.
Clement, Theodore G., Rochester, N. Y., assignor to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Housing for cathode ray apparatus. 143,796; Feb. 12.
Cleveland Vibrator Company, The, assignee: *See*— Becker, James E.
Clink, Mary M., Los Angeles, Calif. Reel support. 145,509; Sept. 3.
Clist, Albert D., Purdy, N. Y. Scatter rug or similar article of manufacture. 145,510; Sept. 3.
Clist, Albert D., Purdy, assignor to Wollner-Clist Inc., New York, N. Y. Scatter rug or similar article of manufacture. 144,542; Apr. 30.
Clist, Albert D., Purdy, assignor to Wollner-Clist Inc., New York, N. Y. Scatter rug or similar article of manufacture. 144,543; Apr. 30.
Clyde Iron Works, Inc., assignee: *See*— Berby, Ola L.
Coburn, Abbott, Chicago, Ill., assignor to Globe Roofing Products Co., inc. Roll roofing or similar article. 143,400; Jan. 1.
Coburn, Abbott, Chicago, Ill., assignor to Globe Roofing Products Co., inc. Roll roofing or similar article. 143,401; Jan. 1.
Coburn, Abbott, Chicago, Ill., assignor to Globe Roofing Products Co., inc. Roll roofing or similar article. 143,402; Jan. 1.
Coburn, Abbott, Chicago, Ill., assignor to Globe Roofing Products Co., inc. Roll roofing or similar article. 143,403; Jan. 1.
Coburn, Abbott, Chicago, Ill., assignor to Globe Roofing Products Co., Inc. Ridge shingle strip. 143,404; Jan. 1.
Coca-Cola Company, The, assignee: *See*— Loewy, Raymond.
Cofax Corporation, The, assignee: *See*— Bronfman, Benjamin.
Cohen, Charles C., New York, N. Y. Clock toy or similar article. 145,390; Aug. 13.
Cohen, Lipman: *See*— Innes, James, Cohen, and Spatz.
Cohen, Meyer, Flushing, N. Y. Combined cuff protector and erasing shield. 143,464; Jan. 8.
Cohen, Meyer, Flushing, assignor to Agency Paper Company, New York, N. Y. Writing paper or similar article of stationery. 145,068; June 25.
Cohen, Moe J., New York, N. Y. Handbag or the like. 143,578; Jan. 22.
Cohen, Moe J., New York, N. Y. Handbag or the like. 143,579; Jan. 22.
Cohen, Moe J., New York, N. Y. Handbag or the like. 143,580; Jan. 22.
Cohen, Moe J., New York, N. Y. Handbag or the like. 143,950; Feb. 26.
Cohen, Sidney, New York, N. Y. Suit. 144,035; Mar. 5.
Cohen, Sidney, New York, N. Y. Suit. 144,036; Mar. 5.
Cohen, Sidney, New York, N. Y. Suit. 144,832; May 28.
Cohen, Sidney, New York, N. Y. Suit. 144,833; May 28.
Cohen, Sidney, New York, N. Y. Suit. 144,834; May 28.
Cohen, Sidney, New York, N. Y. Suit. 144,835; May 28.
Cohen, Sidney, New York, N. Y. Suit. 144,836; May 28.
Cohen, Sidney, New York, N. Y. Suit. 144,837; May 28.
Cohen, Sidney, New York, N. Y. Suit. 144,838; May 28.
Cohen, Sidney, New York, N. Y. Suit. 144,907; June 4.
Cohen, Sidney, New York, N. Y. Suit. 144,908; June 4.
Cohen, Sidney, New York, N. Y. Suit. 145,925; Nov. 19.
Cohen, Sidney, assignor to Kiddie Seat Corporation, New York, N. Y. Child's training toilet seat. 143,951; Feb. 26.
Cohen, Sidney, assignor to Steelmaster Incorporated, New York, N. Y. Letter tray. 144,450; Apr. 16.
Cohn, Gustav, New York, N. Y. Slipper or similar article. 145,882; Nov. 12.
Cohn, Gustave, Hartsdale, N. Y. Slipper. 145,926; Nov. 19.
Cole of California, Inc., assignee: *See*— Laszlo, Margit F.
Coleman, John D., Detroit, Mich., assignor to The Aviation Corporation, New York, N. Y. Lamp for a range. 144,695; May 14.
Coles, Ross, Chicago, Ill., assignor to Ross Coles & Co., Incorporated. Combined money clip and bottle cap remover. 144,839; May 28.
Coles, Ross, & Co., Incorporated, assignee: *See*— Coles, Ross.
Collura, Francesco, New York, N. Y., assignor to Millers Falls Company, Greenfield, Mass. Electric tool unit. 144,608; May 7.
Collura, Francesco, New York, N. Y., assignor to Telechron Inc. Alarm clock. 145,351; Aug. 6.
Collura, Francesco, New York, N. Y., assignor to Telechron Inc. Clock or similar article. 145,352; Aug. 6.
Collura, Francesco, New York, N. Y., assignor to Telechron Inc. Alarm clock. 145,353; Aug. 6.
Collura, Francesco, New York, N. Y., assignor to Telechron Inc. Combination radio receiver and timer clock case. 145,996; Dec. 3.
Columbia Handbag Corp., assignee: *See*— Goldberg, Jerome.
Columbia Protektosite Co., Inc., assignee: *See*— Brunetti, Joseph.
Columbus Plastic Products Inc., assignee: *See*— Keny, Gebhard W.
Colwell, Laurence, assignor to Revlon Products Corporation, New York, N. Y. Jewel studded sun glasses. 144,289; Apr. 2.
Colwell, Laurence, assignor to Revlon Products Corporation, New York, N. Y. Shoe or similar article. 144,356; Apr. 9.
Colwell, Laurence, assignor to Revlon Products Corporation, New York, N. Y. Sandal or similar article. 145,883; Nov. 12.
Commander, Josephine A., Washington, D. C. Pen and pencil case. 145,778; Oct. 22.
Comptone Company, assignee: *See*— Adolf, Louis L.
Conery, William J., assignor to The F. E. Myers & Bro. Co., Ashland, Ohio. Well pump. 145,997; Dec. 3.
Conner, Guy O., Wheeling, W. Va. Casing for pressing or punching machines or the like. 143,712; Feb. 5.
Conrad, Tony J., Racine, Wis. Combined condiment container set and holder therefor. 143,465; Jan. 8.
Conroy, Edward J., assignor to International Silver Company, Meriden, Conn. Spoon or other article of flatware. 145,120; July 2.
Conroy, Edward J., Meriden, Conn., assignor to International Silver Company. Spoon or other article of flatware. 145,157; July 9.
Consiglio, Emanuel P., Inglewood, Calif. Combined compact, match holder, and lipstick holder. 145,156; July 9.
Consiglio, Louis, Springfield, Mass. Boat. 145,884; Nov. 12.
Consolidated Cosmetics, assignee: *See*— Messenger, Ernest A.
Consolidated Industries, assignee: *See*— Scholl, Harry S.
Consolidated Razor Blade Co., Inc., assignee: *See*— Evans, John.
Consolidated Vultee Aircraft Corporation, assignee: *See*— Sebold, Raymond C.
Sutton, Harry A.
Constant, Haig H., New York, N. Y. Scarf or similar article. 144,156; Mar. 19.
Constantine, Arthur R., and M. H. Boldt, assignors to Bendix Home Appliances, Inc., South Bend, Ind. Vending machine. 145,710; Oct. 15.
Conterman, Fred A., assignor to Jamestown Metal Equipment Company, Inc., Jamestown, N. Y. Washing machine receptacle. 144,609; May 7.
Continental Motors Corporation, assignee: *See*— Altman, Peter.
Tandler, William S., and de Weiss.
Contrisciani, Ella, New York, N. Y. Infant's bib. 143,405; Jan. 1.
Contrisciani, Ella, New York, N. Y. Infant's bib. 143,406; Jan. 1.
Convenient Carrier Corporation, assignee: *See*— Edgerton, Arthur H.
Conveyors Incorporated, assignee: *See*— Foster, Waldo E.
Conway, James V., Hinsdale, Ill., assignor to Heywood-Wakefield Company, Gardner, Mass. Car seat end support. 144,610; May 7.
Conway, James V., Hinsdale, Ill., assignor to Heywood-Wakefield Company, Gardner, Mass. Car seat end support. 144,611; May 7.
Cook, Dwight, Rydal, Pa. Finger ring. 146,017; Dec. 10.
Cookson, Lola, St. Louis, Mo. Combined clock and kiddie schedule. 145,121; July 2.
Cooper, Joseph, New York, N. Y. Folding tie rack. 145,069; June 25.
Copeland, Peter, assignor to S. Schwartz, New York, N. Y. Pocket flashlight or like article. 145,427; Aug. 20.
Cordley & Hayes, assignee: *See*— Whitt, Sidney A.
Cornwall, Hamilton O., Pelham Manor, N. Y. Combined ash tray and humidor. 145,007; June 18.
Coro, Inc., assignee: *See*— Katz, Adolph.
Roberts, Jerome C.
Verrecchio, Gene.

Corry-Jamestown Manufacturing Corporation, assignee: *See*—
Dahl, Herbert C.
Lindberg, Claus E.

Corso, Alice V., New York, N. Y. Tablecloth or similar article. 145,354; Aug. 6.

Corso, Alice V., New York, N. Y. Tablecloth or similar article. 145,428; Aug. 20.

Cosme, Peter A., Chicago, Ill. Sand box. 145,391; Aug. 13.

Coulter, Albert L.: *See*—
Deree, William S., and Coulter.

Coutts, M. Magdalene C., Dayton, Ohio. Wallpaper. 143,797; Feb. 12.

Coval National Bank of Portland, The, trustee, assignee, et al.: *See*—
Shepard, Ernest L.

Covington, James D., Dallas, assignor to Hilltop Manufacturing Company, Cockerell Hill, Tex. Combination desk and seat. 145,659; Oct. 1.

Cowan, Charles V., Beverly Hills, Calif. Combination chair and furniture base. 143,466; Jan. 8.

Crain, Darrell C., Washington, D. C. Fountain pen. 144,769; May 21.

Crain, Lawrence B., Los Angeles, Calif. Combined pencil and calendar. 145,122; July 2.

Crane Co., assignee: *See*—
Dreyfuss, Henry.
Zinkil, Roy H.
Zinkil, Roy H., and Dreyfuss.

Crane, Edith F., Poughkeepsie, N. Y. Color harmony palette. 144,909; June 4.

Crane, Edith F., Poughkeepsie, N. Y. Color harmony palette. 144,910; June 4.

Crane, Walton B., Beverly Hills, assignor to Allied Plastics Company, Los Angeles, Calif. Compact. 144,357; Apr. 9.

Crane, Walton B., Beverly Hills, assignor to Allied Plastics Company, Los Angeles, Calif. Vanity case. 145,008; June 18.

Crane, Walton B., Beverly Hills, assignor to E. M. Stolaroff, Los Angeles, Calif. Lip brush. 145,286; July 30.

Crawford, Albert E. B., London, England. Traffic line marking stud. 144,037; Mar. 5.

Crawford, George L., Jamestown, R. I. Toy ferry boat. 144,959; June 11.

Creative Plastics Corp., assignee: *See*—
Bel Geddes, Norman.

Creedon, Neil J., Glens Falls, N. Y. Camera support. 144,440; May 28.

Crolland, D. B.: *See*—
Ellison, Dan, and Crolland.

Crompton, William, and M. J. Laurie, New York, N. Y. Pin or similar article. 143,798; Feb. 12.

Cronan, James E., Howell, Mich. Clothespin. 145,287; July 30.

Crowley, Frank P., Englewood, N. J. Suit hanger. 144,696; May 14.

Crystal Products Co., assignee: *See*—
Fisk, Evelyne J.

Crystal Products Company, assignee: *See*—
Gardenier, Robert E.

Culler, William H., San Marino, Calif. Tricycle. 145,560; Oct. 1.

Culpepper, John P., and K. C. May, New Orleans, La. Costumer. 143,407; Jan. 1.

Cunningham, David, assignor to Tokheim Oil Tank and Pump Company, Fort Wayne, Ind. Desk tray. 143,467; Jan. 8.

Curran, Dona J., Hinsdale, Ill. Doll. 146,132; Dec. 31.

Curran, Frank J., Hinsdale, Ill. Toy cannon. 144,911; June 4.

Curtis, George L., Milwaukee, Wis. Fish pole holder. 143,952; Feb. 26.

Curtiss-Wright Corporation, assignee: *See*—
Eaton, Bruce G., Jr.
Kerr, John A., and Mattison.
Scott, Carl W.
Tydon, Walter, and Parmely.

Custard, Clarence E., Fulton, Mo. Alarm device or similar article. 144,697; May 14.

Cutler, Elizabeth, New York, N. Y. Dress. 143,468; Jan. 8.

Cutrow, Leonard A., Los Angeles, Calif. Chair. 145,927; Nov. 19.

Daelemans, George: *See*—
Nierenberg, Theodore D., and Daelemans.

Dahl, Herbert C., Columbus, assignor to Corry-Jamestown Manufacturing Corporation, Corry, Pa. Thumb piece for a drawer latch or similar article. 144,157; Mar. 19.

Dailey, Donald E., Bryn Mawr, assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Refrigerator cabinet. 143,713; Feb. 5.

Dale, Paul, Chicago, Ill. Carpet sweeper casing. 145,563; Sept. 10.

Dalrymple, Henry C., West Orange, N. J., assignor to Gulbed Radio Corporation, New York, N. Y. Electric megaphone. 144,698; May 14.

Danish Trading Co., Inc., assignee: *See*—
Stokby, Axel.

D'Ansesme, Amédée, Paris, France, assignor to Societe d'Etudes et d'Expansion de la Parfumerie de Luxe, Paris, France. Flask. 146,098; Dec. 24.

Danziger, Max, New York, N. Y. Desk or similar article. 143,469; Jan. 8.

Danziger, Max, New York, N. Y. Table. 144,699; May 14.

Darnell, Victor L., Spring Valley, assignor to The Master Electric Company, Dayton, Ohio. Hoist. 143,525; Jan. 15.

Darvie, Bernard, New York, N. Y. Brooch or similar article. 145,511; Sept. 3.

Darvie, Samuel, New York, N. Y. Brooch or similar article. 146,018; Dec. 10.

Davidson, Leonard D., Chicago, Ill. Game device. 143,526; Jan. 15.

Davidson, William A., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Cabinet for a sewing machine. 145,998; Dec. 3.

Davis, Charles S., Brooklyn, N. Y. Combined table and chair. 145,779; Oct. 22.

Davis, Henry J., New York, N. Y. Dinner plate or the like. 144,158; Mar. 19.

Davis, John H., and G. McAllister, Los Angeles, Calif. Shoe clog. 144,038; Mar. 5.

Davis, John V., and J. S. Hoffman, Detroit, Mich. Filter and pumping apparatus. 144,482; Apr. 23.

Davis, Joseph, Plastics Co., assignee: *See*—
Davis, Joseph.

Davis, Joseph, South Orange, assignor to Joseph Davis Plastics Co., Arlington, N. J. Serving dish or similar article. 145,711; Oct. 15.

Day-Brite Lighting, Inc., assignee: *See*—
Biller, David J., and Kaeppel.

Dayton Acme Co., assignee: *See*—
Stegman, Lester E.

Deakin, Gerald, assignor to International Standard Electric Corporation, New York, N. Y. Telephone desk stand. 145,780; Oct. 22.

Dearborn Stove Company, assignee: *See*—
Becker, Aloysius W.

De Botelho, Martin, New York, N. Y. Lipstick case or the like. 144,101; Mar. 12.

Debmel, Richard C., Summit, N. J. Flight trainer hood. 146,076; Dec. 17.

Deitsch, Alan B., New York, N. Y. Combined handbag and belt. 143,900; Feb. 19.

De Jen, Jean, Fairfield, Conn. Illuminating support for hand-held lecture papers or similar article. 145,244; July 23.

Delamere Company, Inc., assignee: *See*—
Huppert, William.

Delcit Enterprises, Inc., assignee: *See*—
de Waltoff, Samuel A.

De Lemos, John G., Palo Alto, Calif. Combination jigger and bottle opener. 145,245; July 23.

Dembicki, Joseph, Detroit, Mich. Piano case. 144,039; Mar. 5.

Demerer, Max C., Chicago, Ill. Handbag. 145,070; June 25.

De Mott, Armand, Fords, N. J. Lawn sprinkler. 144,102; Mar. 12.

De Pirro, Chris A., Chicago, Ill. Scoring device for pinochle and other games. 143,953; Feb. 26.

De Pirro, Chris A., Chicago, Ill. Baby carrier or similar article. 144,040; Mar. 5.

Derce, William S., and A. L. Coulter, Chicago, Ill. Pencil. 144,161; Mar. 19.

Derham, Philip A., Rosemont, Pa., assignor to I. Zussman, Brookline, Mass. Hand mirror or similar article. 143,954; Feb. 26.

Derham, Philip A., Rosemont, Pa., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container cap. 144,041; Mar. 5.

Derham, Philip A., Rosemont, Pa., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container cap. 144,104; Mar. 12.

Derham, Philip A., Rosemont, Pa., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container cap. 144,483; Apr. 23.

Derham, Philip A., Rosemont, Pa., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container cap. 144,484; Apr. 23.

Derham, Philip A., Rosemont, Pa., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container cap. 144,612; May 7.

Derham, Philip A., Rosemont, Pa., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container cap. 144,912; June 4.

Derham, Philip A., Rosemont, Pa., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container cap. 145,009; June 18.

Derham, Philip A., Rosemont, Pa., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container cap. 145,010; June 18.

Derham, Philip A., Rosemont, Pa., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container cap. 145,011; June 18.

Derham, Philip A., Rosemont, Pa., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container cap. 145,158; July 9.

Derham, Philip A., Rosemont, Pa., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container cap. 145,512; Sept. 3.

Derham, Philip A., Rosemont, Pa., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container cap. 145,661; Oct. 1.

Derham, Philip A., Rosemont, Pa., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container cap. 145,928; Nov. 19.

Derham, Philip A., Rosemont, Pa., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container cap. 145,975; Nov. 26.

Desenberg, Josef, assignor to W. F. and John Barnes Company, Rockford, Ill. Optical curve generator. 144,103; Mar. 12.

Design Center, Inc., assignee: *See*—
Pfohl, Louis H.

Deskey, Donald, Annandale, N. J., assignor to Koppers Company, Inc., Pittsburgh, Pa. Moth preventive tablet. 144,159; Mar. 19.

Deters, Elmer M., assignor to Red Jacket Manufacturing Co., Davenport, Iowa. Hydrant. 144,160; Mar. 19.

Deters, Elmer M., assignor to Red Jacket Manufacturing Co., Davenport, Iowa. Deep well pump head. 145,595; Sept. 17.

Detoro, John, Milwaukee, Wis. Combination ash and garbage cabinet. 145,071; June 25.

Deutsch, Emanuel, New York, N. Y. Brooch mounted watchbase or similar article. 145,614; Sept. 24.

Deutz, Marie M., New York, N. Y. Handbag. 144,451; Apr. 16.

Deutz, Marie M., New York, N. Y. Handbag. 144,913; June 4.

Deutz, Marie M., New York, N. Y. Handbag. 144,914; June 4.

De Vault, Ralph P., Arcadia, Calif. Vegetable peeler. 143,714; Feb. 5.

De Vilbiss Company, The, assignee: *See*—
Vuillemenot, Frederic A.

Devlin, Leo J.: *See*—
Heinemann, Edward H., and Devlin.

De Vry Corporation, assignee: *See*—
De Vry, William C.

De Vry, William C., assignor to De Vry Corporation, Chicago, Ill. Motion picture projecting machine. 144,841; May 28.

De Waltoff, Samuel A., New York, N. Y., assignor to Delcit Enterprises, Inc., Los Angeles, Calif. Combined cap and dispenser for jars and the like. 143,581; Jan. 22.

De Weiss, Ferdinand A.: *See*—
Tandler, William S., and De Weiss.

De Woskin, Irvin S., University City, assignor to Beltx Corporation, St. Louis, Mo. Grip for sanitary belts. 144,290; Apr. 2.

Dexter Company, Incorporated, assignee: *See*—
Ocone, Albert V.

Diamant, Fred J., New York, N. Y. Shoe or similar article. 143,799; Feb. 12.

Diamant, Fred J., New York, N. Y. Shoe or similar article. 143,800; Feb. 12.

Diamant, Fred J., New York, N. Y. Shoe or similar article. 143,955; Feb. 26.

Diamant, Fred J., New York, N. Y. Shoe or similar article. 144,162; Mar. 19.

Diamond, Freda, New York, assignor to Syracuse Ornamental Co., Syracuse, N. Y. Mirror frame or the like. 144,291; Apr. 2.

Diamond, Freda, New York, assignor to Syracuse Ornamental Co., Syracuse, N. Y. Mirror frame or the like. 144,292; Apr. 2.

Diamond, Freda, New York, assignor to Syracuse Ornamental Co., Syracuse, N. Y. Mirror frame or the like. 145,429; Aug. 20.

Diamond, Freda, New York, assignor to Syracuse Ornamental Co., Syracuse, N. Y. Mirror frame or the like. 145,662; Oct. 1.

Diamond Silver Company, assignee: *See*—
Lott, Howard R.

Di Cicco, Joseph, San Marcos, Tex. Sunglasses. 145,288; July 30.

Dickson, James J., Chicago, Ill., and R. W. Huzzard, York, Pa. Airplane. 145,929; Nov. 19.

Diehl, William, Summit, assignor to Jacques Kreisler Manufacturing Corporation, North Bergen, N. J. Pin or similar article. 143,956; Feb. 26.

Diehl, William, Summit, assignor to Jacques Kreisler Manufacturing Corporation, North Bergen, N. J. Pin or similar article. 143,957; Feb. 26.

Diehl, William, Summit, assignor to Jacques Kreisler Manufacturing Corporation, North Bergen, N. J. Pin or similar article. 143,958; Feb. 26.

Diehl, William, Summit, assignor to Jacques Kreisler Manufacturing Corporation, North Bergen, N. J. Pin or similar article. 143,959; Feb. 26.

Diehl, William, Summit, N. J., assignor to Jacques Kreisler Manufacturing Corporation, North Bergen, N. J. Pin or similar article. 144,239; Mar. 26.

Diehl, William, Summit, assignor to Jacques Kreisler Manufacturing Corporation, North Bergen, N. J. Pin or similar article. 144,240; Mar. 26.

Diehl, William, Summit, assignor to Jacques Kreisler Manufacturing Corporation, North Bergen, N. J. Pin or similar article. 144,241; Mar. 26.

Diehl, William, Summit, assignor to Jacques Kreisler Manufacturing Corporation, North Bergen, N. J. Pin or similar article. 144,242; Mar. 26.

Diehl, William, Summit, assignor to Jacques Kreisler Manufacturing Corporation, North Bergen, N. J. Pin or similar article. 144,243; Mar. 26.

Dieplast Corporation, assignee: *See*—
Casalino, Joseph.

Dieter, Walter G., Williamsport, Pa., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Latch unit. 144,485; Apr. 23.

Ditto, Incorporated, assignee: *See*—
Randell, Leo R.

Di Verdura, Fulco, New York, N. Y., assignor to Lucien Lelong, Inc., Chicago, Ill. Compact or similar article. 145,239; July 16.

Dixon-Bartlett Company, assignee: *See*—
Henkel, John.

Dodegge, Carl., Maywood, assignor to Harry L. Lieberman, doing business as Lakewood Mfg. Co., Chicago, Ill. Toy vehicle. 145,513; Sept. 3.

Doherty, Cecilia R., Los Angeles, Calif. Calendar blank or similar article. 144,842; May 28.

Dohm, Garald A., Dearborn, Mich. Album. 144,843; May 28.

Dolnick, Meyer E., Chicago, Ill. Toothbrush. 144,163; Mar. 19.

Donahue, Colette A., New York, N. Y. Dress. 143,801; Feb. 12.

Donahue, Colette A., New York, N. Y. Dress. 143,802; Feb. 12.

Dougherty, John S., Jackson Heights, assignor to Plastics Design Guild, New York, N. Y. Compact. 144,042; Mar. 5.

Douglas Aircraft Company, Inc., assignee: *See*—
Burton, Edward F.
Heinemann, Edward H., and Devlin.

Douglas, Peyton W., Syracuse, N. Y. Baby bath. 143,715; Feb. 5.

Doyle, Glenn F., Dearborn, Mich. Motor driven vehicle. 145,072; June 25.

Doyle, Joel G., Kansas City, Mo. Rotary mower housing. 145,836; Oct. 29.

Doyle, Truman W., Los Angeles, Calif. Rug and upholstery extraction machine. 145,564; Sept. 10.

Dreitzer, Albert J., assignor to Pitman-Dreitzer & Co., Inc., New York, N. Y. Snack plate or article of similar nature. 144,770; May 21.

Dreitzer, Albert J., assignor to Pitman-Dreitzer & Co., Inc., New York, N. Y. Glass dessert plate or article of similar nature. 145,976; Nov. 26.

Dreitzer, Albert J., assignor to Pitman-Dreitzer & Co., Inc., New York, N. Y. Glass bowl or article of similar nature. 146,019; Dec. 10.

Drell, William, New York, N. Y. Brooch or similar article. 143,803; Feb. 12.

Drell, William, New York, N. Y. Brooch or similar article. 143,804; Feb. 12.

Drell, William, New York, N. Y. Brooch or similar article. 143,805; Feb. 12.

Drell, William, New York, N. Y. Brooch or similar article. 143,806; Feb. 12.

Drell, William, New York, N. Y. Brooch or similar article. 143,960; Feb. 26.

Drell, William, New York, N. Y. Brooch or similar article. 143,961; Feb. 26.

Drell, William, New York, N. Y. Brooch or similar article. 143,962; Feb. 26.

Drell, William, New York, N. Y. Brooch or similar article. 143,963; Feb. 26.

Drell, William, New York, N. Y. Button or similar article. 144,486; Apr. 23.

Drell, William, New York, N. Y. Button or similar article. 144,487; Apr. 23.

Drell, William, New York, N. Y. Button or similar article. 144,488; Apr. 23.

Drell, William, New York, N. Y. Button or similar article. 144,489; Apr. 23.

Drell, William, New York, N. Y. Button or similar article. 144,490; Apr. 23.

Drell, William, New York, N. Y. Button or similar article. 144,491; Apr. 23.

Drell, William, New York, N. Y. Button or similar article. 144,492; Apr. 23.

Drell, William, New York, N. Y. Button or similar article. 144,493; Apr. 23.

Drell, William, New York, N. Y. Button or similar article. 144,494; Apr. 23.

Drell, William, New York, N. Y. Button or similar article. 144,495; Apr. 23.

Drell, William, New York, N. Y. Brooch or similar article. 144,700; May 14.

Drell, William, New York, N. Y. Button or similar article. 144,960; June 11.

Drell, William, New York, N. Y. Button or similar article. 144,961; June 11.

Drell, William, New York, N. Y. Button or similar article. 144,962; June 11.

Drell, William, New York, N. Y. Button or similar article. 144,963; June 11.

Drell, William, New York, N. Y. Button or similar article. 144,964; June 11.

Drell, William, New York, N. Y. Button or similar article. 144,965; June 11.

Drell, William, New York, N. Y. Button or similar article. 144,906; June 11.
Drell, William, New York, N. Y. Button or similar article. 145,012; June 18.
Drell, William, New York, N. Y. Button or similar article. 145,013; June 18.
Drell, William, New York, N. Y. Button or similar article. 145,014; June 18.
Drell, William, New York, N. Y. Button or similar article. 145,015; June 18.
Drell, William, New York, N. Y. Button or similar article. 145,016; June 18.
Drell, William, New York, N. Y. Button or similar article. 145,017; June 18.
Drell, William, New York, N. Y. Button or similar article. 145,018; June 18.
Drell, William, New York, N. Y. Button or similar article. 145,565; Sept. 10.
Drell, William, New York, N. Y. Button or similar article. 145,566; Sept. 10.
Drell, William, New York, N. Y. Button or similar article. 145,567; Sept. 10.
Drell, William, New York, N. Y. Button or similar article. 145,568; Sept. 10.
Drell, William, New York, N. Y. Button or similar article. 145,569; Sept. 10.
Drell, William, New York, N. Y. Button or similar article. 145,570; Sept. 10.
Drell, William, New York, N. Y. Button or similar article. 145,571; Sept. 10.
Dreyfuss, Henry: *See*— Zinkil, Roy H., and Dreyfuss.
Dreyfuss, Henry, New York, N. Y., assignor to Crane Co., Chicago, Ill. Sink. 143,408; Jan. 1.
Dreyfuss, Henry, assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 144,164; Mar. 19.
Dreyfuss, Henry, assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 144,165; Mar. 19.
Dreyfuss, Henry, New York, assignor to Carrier Corporation, Syracuse, N. Y. Room cooler of the window type. 144,452; Apr. 16.
Drissner, Alfred E., assignor to The National Acme Company, Cleveland, Ohio. Single spindle automatic metal working machine. 143,716; Feb. 5.
Drogin, Martin M., Philadelphia, Pa., assignor to Freshmaster Corporation, Newark, N. J. Display cabinet. 144,496; Apr. 23.
Dronet, Jules L.: *See*— Mathis, Emile C., and Dronet.
Dubey, Gertrude, New York, N. Y. Combined cigarette tray and holder. 145,123; July 2.
Dubiner, Betty V., Toronto, Ontario, Canada. Combined shipping and display container. 143,717; Feb. 5.
Dubinsky, Jack, and A. Insko, Chicago, Ill. Bracelet link or similar article. 145,355; Aug. 6.
Du Brie, Stanley R., Detroit, Mich. Rotor for a windmill. 144,166; Mar. 19.
Duer, Frederick L., Chicago, Ill. Child's chair. 145,781; Oct. 22.
Duke, Ronald K., Los Angeles, Calif. Hand stamp. 145,314; Sept. 3.
Du Mont, Allen B., Laboratories, Inc., assignee: *See*— Clement, Theodore G.
Dunham, Thomas M., Aurora, Ill. Cabinet or similar article. 144,844; May 28.
Dunkelberger, Milton S., assignor to The American Display Company, Dayton, Ohio. Sprinkler. 143,409; Jan. 1.
Dunn, Vincent J., New Rochelle, assignor to M. Pressner, Brooklyn, N. Y. Display stand for combs and the like. 145,289; July 30.
Dunn, Vincent J., New Rochelle, assignor to M. Pressner, Brooklyn, N. Y. Display stand for combs and the like. 145,290; July 30.
Du Pont, E. I., de Nemours & Company, assignee: *See*— Kahn, Lester, and Rosedale.
Duro Chrome Corporation, assignee: *See*— Michelson, Lawrence M.
Duro Metal Products Company, assignee: *See*— Odlum, William H.
Dwiggins, Emil A., Howell, Mich. Sign. 143,901; Feb. 19.
Dwiggins, Emil A., Howell, Mich. Sign. 143,902; Feb. 19.
Dwiggins, Emil A., Howell, Mich. Sign. 143,903; Feb. 19.
Dye, Robert E., Los Angeles, Calif. Combination holder for napkins and condiment sets. 144,105; Mar. 12.
Dye, Robert E., Los Angeles, Calif. Napkin holder. 144,106; Mar. 12.
E. A. Laboratories, Inc., assignee: *See*— Hutcheson, Ray R.
Eagan, Joseph K., Peoria, Ill. Shoe. 145,688; Oct. 8.
Eagle Automatic Sales Corp., assignee: *See*— Paley, Albert A.
Eagle Pencil Company, assignee: *See*— Hanle, Benjamin W.
Eames, Kenneth R., Worcester, Mass. Articulated figure. 143,664; Feb. 26.
Earle, Vana, New York, N. Y. Scarf or similar article. 144,167; Mar. 19.
Early, Thomas V., assignor of one-half to I. E. Brooks, Baltimore, Md. Chimney-cowl. 143,965; Feb. 26.
Eastham, Melville, assignor to General Radio Company, Cambridge, Mass. Control knob or similar article. 143,807; Feb. 12.
Eastman Machine Company, assignee: *See*— Hilgeman, Carl F.
Eaton, Bruce G., Jr., Bexley, Ohio, assignor to Curtiss-Wright Corporation. Airplane. 144,107; Mar. 12.
Ebaloy, Incorporated, assignee: *See*— Aleks, Vytant.
Eberle, Philip F., San Francisco, Calif. Shoe. 145,930; Nov. 19.
Eckert, Adolph E., Spring Lake, Mich. Combined coin storage and display cabinet. 145,515; Sept. 3.
Eckland, Everett B., Oak Park, Ill. Cabinet for picture and sound projection machine. 144,702; May 14.
Eckland, Everett B., Oak Park, assignor of one-half to J. T. Mangan, Chicago, Ill. Casing for coin operated game. 144,701; May 14.
Eddy, Edwyn A.: *See*— Beck, Derwood A., and Eddy.
Eddy, Robert L., Warsaw, N. Y. Cover for a suture jar. 144,497; Apr. 23.
Edenburn, Irene A., Chicago, Ill. Doll. 144,967; June 11.
Edgerton, Arthur H., assignor to Convenient Carrier Corporation, Cleveland, Ohio. Bottle carrier. 143,808; Feb. 12.
Edlund, Oscar T.: *See*— Goulston, Dexter, and Edlund.
Edson, Enid, New York, N. Y. Compact. 145,430; Aug. 20.
Edwards, Charles E., Santa Paula, Calif. Turning signal. 146,099; Dec. 24.
Eggleston, Allen J.: *See*— Chandler, James H., and Eggleston.
Eggleston, Allen J., Chicago, Ill., assignor to Ekco Products Company. Kitchen tool or similar article. 145,689; Oct. 8.
Eisenberg, Max, New York, N. Y. Shoe or similar article. 143,809; Feb. 12.
Eisenberg, Max, New York, N. Y. Shoe or similar article. 143,810; Feb. 12.
Eisenberg, Max, New York, N. Y. Shoe or similar article. 143,811; Feb. 12.
Eisenberg, Max, New York, N. Y. Shoe or similar article. 143,812; Feb. 12.
Eisenberg, Max, New York, N. Y. Shoe or similar article. 143,813; Feb. 12.
Eisenberg, Max, New York, N. Y. Shoe or similar article. 143,814; Feb. 12.
Eitel-McCullough, Inc., assignee: *See*— Eitel, William W., and McCullough.
Eitel, William W., and J. A. McCullough, assignors to Eitel-McCullough, Inc., San Bruno, Calif. Vacuum tube. 143,904; Feb. 19.
Eitel, William W., and J. A. McCullough, assignors to Eitel-McCullough, Inc., San Bruno, Calif. Vacuum tube. 143,905; Feb. 19.
Eitel, William W., and J. A. McCullough, assignors to Eitel-McCullough, Inc., San Bruno, Calif. Vacuum tube. 143,906; Feb. 19.
Eitel, William W., and J. A. McCullough, assignors to Eitel-McCullough, Inc., San Bruno, Calif. Vacuum tube. 143,907; Feb. 19.
Eitel, William W., San Bruno, and J. A. McCullough, Millbrae, assignors to Eitel-McCullough, Inc., San Bruno, Calif. Vacuum tube. 143,908; Feb. 19.
Eitel, William W., San Bruno, and J. A. McCullough, Millbrae, assignors to Eitel-McCullough, Inc., San Bruno, Calif. Vacuum tube. 143,909; Feb. 19.
Eitel, William W., San Bruno, and J. A. McCullough, Millbrae, assignors to Eitel-McCullough, Inc., San Bruno, Calif. Vacuum tube. 143,910; Feb. 19.
Eitel, William W., San Bruno, and J. A. McCullough, Millbrae, assignors to Eitel-McCullough, Inc., San Bruno, Calif. Vacuum tube. 143,911; Feb. 19.
Eitel, William W., San Bruno, and J. A. McCullough, Millbrae, assignors to Eitel-McCullough, Inc., San Bruno, Calif. Vacuum tube. 143,912; Feb. 19.
Ekco Products Company, assignee: *See*— Chandler, James H.
Chandler, James H., and Eggleston.
Chandler, James H., and Zimmer.
Eggleston, Allen J.
Hvale, James L.
Sekowski, George E.
Zimmer, Myron J.
Eklind, Henning A., and O. J. Blomberg, Chicago, Ill. Brake signal light. 143,648; Jan. 29.
Elder, John W., Wilmette, Ill. Wrapping paper. 143,410; Jan. 1.
Elder, John W., Wilmette, Ill. Wrapping paper. 145,019; June 18.
Elder, John W., Wilmette, Ill. Wrapping paper. 145,020; June 18.
Electric Arc, Inc., assignee: *See*— Holslag, Claude J.
Kenlan, Clark C.
Electrical Products Corporation, assignee: *See*— Owen, Harold R.
Electronic Corp. of America, assignee: *See*— Scull, Robert C., and Martial.
Ellengy Sales, assignee: *See*— Lieberman, William A., and Thomsen.

Elliott, Donald L., assignor to Allied Plastics Company, Los Angeles, Calif. Compact or similar article. 145,198; July 16.
Elliott, Donald L., assignor to Allied Plastics Company, Los Angeles, Calif. Compact or similar article. 145,199; July 16.
Elliott, Donald L., assignor to Allied Plastics Company, Los Angeles, Calif. Compact or similar article. 145,200; July 16.
Elliott, Donald L., assignor to Allied Plastics Company, Los Angeles, Calif. Compact or similar article. 145,201; July 16.
Elliott, Donald L., assignor to Allied Plastics Company, Los Angeles, Calif. Compact or similar article. 145,202; July 16.
Elliott, Donald L., assignor to Allied Plastics Company, Los Angeles, Calif. Compact or similar article. 145,203; July 16.
Elliott, Donald L., assignor to Allied Plastics Company, Los Angeles, Calif. Compact or similar article. 145,204; July 16.
Elliott, Donald L., assignor to Allied Plastics Company, Los Angeles, Calif. Compact or similar article. 145,205; July 16.
Elliott, Donald L., assignor to Allied Plastics Company, Los Angeles, Calif. Compact or similar article. 145,206; July 16.
Elliott, Donald L., assignor to Allied Plastics Company, Los Angeles, Calif. Compact or similar article. 145,207; July 16.
Elliott, Donald L., assignor to Allied Plastics Company, Los Angeles, Calif. Compact or similar article. 145,208; July 16.
Elliott, Donald L., assignor to Allied Plastics Company, Los Angeles, Calif. Compact or similar article. 145,209; July 16.
Elliott, George E., Birmingham, Ala. Toy automobile. 144,043; Mar. 5.
Elliott, Lyle E., Battle Creek, Mich. Box or the like. 146,020; Dec. 10.
Ellis, David F., Clintonville, Wis. Darner. 143,411; Jan. 1.
Ellmore Silver Co., Inc., The, assignee: *See*— Malinowski, Harry A.
El-Mar Tube Products Company, et al., assignee: *See*— Baus, Edward C.
Emery, Frances, assignee: *See*— Katz, William.
Empire Products, Inc., assignee: *See*— Getgey, John J.
Endicott Johnson Corporation, assignee: *See*— Hickey, James J.
Endsley, James P., Sunnyvale, Calif. Night light. 145,782; Oct. 22.
Enfield, Wilbur M., San Francisco, Calif. Game board. 143,412; Jan. 1.
Engel, Elmer G. J. F. Scott, and G. V. Korda, New York, N. Y. Container for cigarettes or similar articles. 143,815; Feb. 12.
Engel, John B.: *See*— Peacock, Finley C., and Engel.
Engineers, Incorporated, assignee: *See*— Overath, George N.
Engleman, Dorthi, assignor to Carl Gutmann & Co., Inc., New York, N. Y. Sweater or similar article. 145,712; Oct. 15.
Engleman, Dorthi, assignor to Carl Gutmann & Co., Inc., New York, N. Y. Sweater or similar article. 145,713; Oct. 15.
Engleman, Dorthi, assignor to Carl Gutmann & Co., Inc., New York, N. Y. Sweater. 145,714; Oct. 15.
Engleman, Dorthi, assignor to Carl Gutmann & Co., Inc., New York, N. Y. Polo shirt or similar article. 145,786; Oct. 22.
Engman, Ralph P., Wauwatosa, and R. N. Sellon, Milwaukee, assignors to Hamilton Manufacturing Company, Two Rivers, Wis. Child's toilet seat. 144,771; May 21.
Engraving and Engine Turning Co., Inc., assignee: *See*— Buckow, Oscar A. von S.
Ensinger, Earl H., Cleveland, Ohio. Frame for portable conveyer. 143,718; Feb. 5.
Erdco Engineering Research & Development Company, assignee: *See*— Morton, Nathan E.
Erie Meter System, Inc., assignee: *See*— Adams, Wilbur H.
Erickson, Signa N., Pasadena, Calif. Chest or similar article. 143,413; Jan. 1.
Erickson, Signa N., Pasadena, Calif. Portable bar or similar article. 143,414; Jan. 1.
Ernster, Sophie B., West Los Angeles, Calif. Egg rack. 143,719; Feb. 5.
Esh, Barnett, New York, N. Y., assignor to Weisfield & Goldberg, Inc., Seattle, Wash. Finger ring. 145,516; Sept. 3.
Esh, Barnett, New York, N. Y., assignor to Weisfield & Goldberg, Inc., Seattle, Wash. Finger ring. 145,572; Sept. 10.
Essick, Bryant, Los Angeles, Calif. Face plate for air conditioners. 146,100; Dec. 24.
Esterbrook Pen Company, The, assignee: *See*— Steinberg, Harold E.
Etched Products Corporation, assignee: *See*— Nierenberg, Theodore D., and Daelemans.
Etkin, Simon, New York, N. Y. Jacket. 144,168; Mar. 19.
Etkin, Simon, New York, N. Y. Jacket. 144,845; May 28.
Etkin, Simon, New York, N. Y. Jacket. 144,846; May 28.
Etkin, Simon, New York, N. Y. Jacket. 145,715; Oct. 15.
Eureka Vacuum Cleaner Company, assignee: *See*— Walker, George W.
Eureka Williams Corporation, assignee: *See*— Walker, George W.
Wittke, Kurt H.
Evans, John, Union, N. J. Watch band or similar article. 144,293; Apr. 2.
Evans, John, Union, assignor to Consolidated Razor Blade Co. Inc., Jersey City, N. J. Safety razor or similar article. 145,021; June 18.
Evelich, George J., Oakland, Calif. Toothbrush holder. 145,291; July 30.
Ewer, Kendall S., Cape May, N. J. Bucket hanger for ladders. 143,720; Feb. 5.
Faberman, Julian J., New York, N. Y. Educational game board. 143,527; Jan. 15.
Faberman, Julian J., New York, N. Y. Educational game board. 143,649; Jan. 29.
Fagerl, William B., Kent, Ohio. Child's vehicle. 144,703; May 14.
Fairbank, Edwin J., Dorchester, Mass. Door knocker. 143,914; Feb. 19.
Fairbank, Murry N., Weston, and H. A. Marsh, Boston, assignors to Polaroid Corporation, Cambridge, Mass. Binoculars. 143,913; Feb. 19.
Fairbanks, Morse Co., assignee: *See*— Anderson, Gordon R.
Fannin, James H., Everett, Wash. Dancing toy. 144,044; Mar. 5.
Farber, Lillian, Toronto, Ontario, Canada, assignor, by mesne assignments, to Noell Products Company, New York, N. Y. Hand mirror. 145,392; Aug. 13.
Farber, Simon W., Brooklyn, N. Y. Pressure cooker. 144,498; Apr. 23.
Farles Manufacturing Company, assignee: *See*— Masterson, William F.
Farley, Ella A., New York, N. Y. Handbag. 146,077; Dec. 17.
Federal Glass Company, The, assignee: *See*— Nicholson, Albert H.
Federal Machine and Welder Company, assignee: *See*— Armstrong, Peter V.
Federal Telephone & Radio Corporation, assignee: *See*— Lomholt, Carl.
Sherman, Vernon W., Knlep, and Rothaug.
Feinberg, George J., Englewood, N. J. Textile fabric. 143,582; Jan. 22.
Feingold, Israel, New York, N. Y. Coat. 143,583; Jan. 22.
Feingold, Israel, New York, N. Y. Coat. 143,650; Jan. 29.
Feingold, Isrnel, New York, N. Y. Coat. 143,651; Jan. 29.
Feld, Samuel R., New York, N. Y. Tablecloth or similar article. 144,453; Apr. 16.
Felien, Edward F.: *See*— Benson, Jerome V., and Felien.
Felski, Joseph, Chicago, Ill. Bracelet. 143,721; Feb. 5.
Fennell, William A., Huntington Park, Calif., assignor to Little Castles, Incorporated. Building. 145,837; Oct. 29.
Fenton, Carl, Arcadia, Fla. Wind control weatherproof feed box or similar article. 145,124; July 2.
Ferrar, Bernard, La Cresenta, Calif. Sandal. 144,454; Apr. 16.
Feuer, Otto: *See*— Seidler, William, and Feuer.
Feurer Bros., assignee: *See*— Feurer, Robert.
Feurer, Robert, Jackson Heights, assignor to Feurer Bros., New York, N. Y. Cigarette lighter. 145,125; July 2.
Field and Flint Co., assignee: *See*— Wilcox, Clark L.
Field, Wilson J.: *See*— McLellan, Roderick I., and Field.
Fillson, Dan, and D. B. Crollard, Fairbanks, Territory of Alaska. Game board. 145,840; Oct. 29.
Fillson, Dan, and D. B. Crollard, Fairbanks, Alaska. Set of playing cards. 145,885; Nov. 12.
Fine, George, New York, N. Y. Diamond or similar article. 143,470; Jan. 8.
Fine, George, New York, N. Y. Diamond or similar article. 143,471; Jan. 8.
Finkelstein, Nathan, New York, N. Y. Jacket. 145,517; Sept. 3.
Finkelstein, Robert C., New York, N. Y. Doll's head. 145,022; June 18.
Finkelstein, Solomon, New York, N. Y. Clip or similar article. 144,772; May 21.
Finkelstein, Solomon, New York, N. Y. Brooch or similar article. 144,773; May 21.
Finkelstein, Solomon, New York, N. Y. Clip or similar article. 144,774; May 21.
Finley, Barney, Forest Hills, assignor to National Silver Company, New York, N. Y. Spoon or similar article of flatware. 144,169; Mar. 19.

Fiorio, Ciro A., Northfield, Ill. Sundial. 145,931; Nov. 19.
First Industrial Corporation, assignee: *See*—
Hallward, Michael.
Fischer, Ethel, New York, N. Y. Child's coat. 145,596; Sept. 17.
Fish, Ned D., and L. P. Martin, Fort Madison, Iowa. Fountain pen. 144,358; Apr. 9.
Fisher, Frederic H., assignor to Syracuse Ornamental Co., Syracuse, N. Y. Book end. 144,366; Apr. 9.
Fisher, Frederic H., assignor to Syracuse Ornamental Co., Syracuse, N. Y. Book end. 144,367; Apr. 9.
Fisher, Frederic H., assignor to Syracuse Ornamental Co., Syracuse, N. Y. Book end. 144,368; Apr. 9.
Fisher, Frederic H., assignor to Syracuse Ornamental Co., Syracuse, N. Y. Book end. 144,369; Apr. 9.
Fisher, Frederic H., assignor to Syracuse Ornamental Co., Syracuse, N. Y. Book end. 144,370; Apr. 9.
Fisher, Frederic H., assignor to Syracuse Ornamental Co., Syracuse, N. Y. Wall bracket. 144,371; Apr. 9.
Fisher, Frederic H., assignor to Syracuse Ornamental Co., Syracuse, N. Y. Tie rack. 145,615; Sept. 24.
Fisher, Frederick H., assignor to Syracuse Ornamental Co., Syracuse, N. Y. Pipe rest. 144,170; Mar. 19.
Fisher, Frederick H., assignor to Syracuse Ornamental Co., Syracuse, N. Y. Box. 144,171; Mar. 19.
Fisher, Frederick H., assignor to Syracuse Ornamental Co., Syracuse, N. Y. Candlestick. 144,244; Mar. 26.
Fisher, Frederick H., assignor to Syracuse Ornamental Co., Syracuse, N. Y. Mirror frame or the like. 144,302; Apr. 2.
Fisher, Frederick H., assignor to Syracuse Ornamental Co., Syracuse, N. Y. Mirror frame or the like. 144,303; Apr. 2.
Fisher, Frederick H., assignor to Syracuse Ornamental Co., Syracuse, N. Y. Mirror frame or the like. 144,304; Apr. 2.
Fisher, Frederick H., assignor to Syracuse Ornamental Co., Syracuse, N. Y. Picture frame or the like. 144,305; Apr. 2.
Fisher, Frederick H., assignor to Syracuse Ornamental Co., Syracuse, N. Y. Wall bracket. 144,359; Apr. 9.
Fisher, Frederick H., assignor to Syracuse Ornamental Co., Syracuse, N. Y. Wall bracket. 144,360; Apr. 9.
Fisher, Frederick H., Syracuse, N. Y., assignor to Syracuse Ornamental Co. Ash tray or like article. 144,361; Apr. 9.
Fisher, Frederick H., assignor to Syracuse Ornamental Co., Syracuse, N. Y. Wall bracket. 144,362; Apr. 9.
Fisher, Frederick H., assignor to Syracuse Ornamental Co., Syracuse, N. Y. Wall bracket. 144,363; Apr. 9.
Fisher, Frederick H., assignor to Syracuse Ornamental Co., Syracuse, N. Y. Wall bracket. 144,364; Apr. 9.
Fisher, Frederick H., assignor to Syracuse Ornamental Co., Syracuse, N. Y. Wall bracket. 144,365; Apr. 9.
Fisher, Frederick H., assignor to Syracuse Ornamental Co., Syracuse, N. Y. Mirror frame or the like. 144,544; Apr. 30.
Fisher, Frederick H., assignor to Syracuse Ornamental Co., Syracuse, N. Y. Bowl. 144,775; May 21.
Fisher, Frederick H., assignor to Syracuse Ornamental Co., Syracuse, N. Y. Ash tray or the like. 144,776; May 21.
Fisher, Frederick H., assignor to Syracuse Ornamental Co., Syracuse, N. Y. Wall bracket. 144,915; June 4.
Fisher, Frederick H., assignor to Syracuse Ornamental Co., Syracuse, N. Y. Wall bracket. 144,916; June 4.
Fisk, Evelyne J., assignor to Crystal Products Co., Kansas City, Mo. Radio control knob. 145,210; July 16.
Fisk, Ruth L., and A. Abicht, New York, N. Y. Combination brooch and compact. 143,966; Feb. 26.
Fisk, Ruth L., and A. Abicht, New York, N. Y. Combined brooch and compact. 143,967; Feb. 26.
Fitzpatrick, Arthur M., Jr., Detroit, Mich., assignor to Stewart-Warner Corporation, Chicago, Ill. Lubricating equipment cabinet. 145,690; Oct. 8.
Fitzpatrick, Arthur M., Jr., Detroit, Mich., assignor to Stewart-Warner Corporation, Chicago, Ill. Lubricating equipment cabinet. 145,691; Oct. 8.
Fitzpatrick, Arthur M., Jr., Detroit, Mich., assignor to Stewart-Warner Corporation, Chicago, Ill. Lubricating equipment cabinet. 145,692; Oct. 8.
Fitzpatrick, Ralph J., Tulsa, Okla. Electrode puller. 143,415; Jan. 1.
Flamm, Milton, assignee: *See*—
Jenkins, Raymond.
Flanagan, Thomas C., assignor of one-half to R. T. Maloney, Chicago, Ill. Radio cabinet or the like. 144,545; Apr. 30.
Flanagan, Tyyne D., Chicago, Ill. Fountain pen or the like. 145,431; Aug. 20.
Flatau, James G., Chicago, Ill. Watch bracelet. 143,816; Feb. 12.
Flato, Paul E., New York, N. Y. Ring or similar article. 144,499; Apr. 23.
Flauder, Alfred J., Trumbull, assignor to Weidlich Sterling Spoon Co., Bridgeport, Conn. Spoon or analogous article. 143,416; Jan. 1.
Flauder, Alfred J., Trumbull, assignor to Weidlich Sterling Spoon Co., Bridgeport, Conn. Spoon or analogous article. 143,418; Jan. 1.
Fleming, Mary P.: *See*—
Allen, Grosvenor N., and Fleming.
Fleming, Robert B., assignor to Bert M. Morris Co., Los Angeles, Calif. Pencil sharpener. 144,777; May 21.
Fletcher Aviation Corporation, assignee: *See*—
Fletcher, Frank P.
Fletcher, Frank P., assignor to Fletcher Aviation Corporation, Pasadena, Calif. Desk. 144,045; Mar. 5.
Fletcher, Frank P., Pasadena, Calif. Holder for flowers or other slender articles. 145,867; Nov. 5.
Fletcher, Frank P., Pasadena, Calif. Holder for flower or other slender articles. 145,868; Nov. 5.
Floeter, Frederick S., assignor to Wickes Bros., Saginaw, Mich. Photocopy machine. 143,652; Jan. 29.
Floorola Products, Inc., assignee: *See*—
Newcomer, Ernest J.
Florence Stove Company, assignee: *See*—
Kruck, Ralph E.
Florian, Gordon W., Bridgeport, assignor to The Winsted Hardware Manufacturing Company, Winsted, Conn. Electric sadiron. 144,847; May 28.
Florian, Gordon W., Bridgeport, Conn., assignor to Reeves-Ely Laboratories, Inc, New York, N. Y. Electric coffee maker. 145,838; Oct. 29.
Florian, Gordon W., Trumbull, Conn., assignor to General Electric Company. Coffee maker. 145,839; Oct. 29.
Florman, Irving, New York, N. Y. Cigarette lighter or the like. 143,417; Jan. 1.
Floyd, Jack W., Seattle, Wash. Youth's costumer. 145,693; Oct. 8.
Flynt, Robert C., Winston-Salem, N. C. Figure toy. 145,126; July 2.
Flynt, Robert C., Winston-Salem, N. C. Figure toy. 145,127; July 2.
Flynt, Robert C., Winston-Salem, N. C. Figure toy. 145,128; July 2.
Flynt, Robert C., Winston-Salem, N. C. Figure toy. 145,129; July 2.
Folke, Bengt E., Mamaroneck and R. H. Shepard, assignors to Nathan Manufacturing Company, New York, N. Y. Mechanical lubricator. 145,393; Aug. 13.
Ford Motor Company, assignee: *See*—
Wagner, Willys P., and Gregorie.
Fordyce, Charles L., assignor to Pitman-Dreitzer & Co., Inc., New York, N. Y. Salt shaker or article of similar nature. 143,584; Jan. 22.
Fordyce, Charles L., assignor to Pitman-Dreitzer & Co., Inc., New York, N. Y. Glass ash tray or article of similar nature. 144,046; Mar. 5.
Foret, Edmond, New York, N. Y., and H. Graeter, Sherman, Conn., assignors to Cartier, Inc., New York, N. Y. Compact. 144,372; Apr. 9.
Foret, Edmond, New York, N. Y., and H. Graeter, Sherman, Conn., assignors to Cartier, Inc., New York, N. Y. Compact. 145,073; June 25.
Foret, Edmond, New York, N. Y., and H. Graeter, Sherman, Conn., assignors to Cartier, Inc., New York, N. Y. Compact. 145,716; Oct. 15.
Forster, Henry, Broadview, Ill. Internal combustion engine unit. 144,047; Mar. 5.
Foster, Waldo E., Minneapolis, assignor to Conveyors Incorporated, St. Paul, Minn. Feeder box for grain or the like. 145,159; July 9.
Fournier, George E., Pawtucket, R. I. Link chain for a bracelet or similar article. 145,292; July 30.
Fox, Cecil M., Toledo, Ohio, assignor to M. M. Mendelsohn, Chicago, Ill. Cigarette lighter. 145,886; Nov. 12.
Fox, Hazel V., Philadelphia, Pa. Brush and pan assembly or the like. 145,887; Nov. 12.
Frandsen, Jean, New York, N. Y. Dress or similar article. 145,293; July 30.
Frank, Charles H., New Rochelle, N. Y. Conical button. 144,547; Apr. 30.
Frank, Charles H., New Rochelle, N. Y. Rim button. 145,663; Oct. 1.
Frank, Guenther A., New York, N. Y. Combination fob and telescopic picture wallet. 143,968; Feb. 26.
Frank, Samuel K., Wheeling, W. Va. Ash tray or similar article. 145,573; Sept. 10.
Frascino, Mario, New York, N. Y. Coat. 144,455; Apr. 16.
Frascino, Mario, New York, N. Y. Suit. 145,432; Aug. 20.
Frascino, Mario, New York, N. Y. Coat. 145,574; Sept. 10.
Frascino, Mario, New York, N. Y. Coat. 145,597; Sept. 17.
Frazita, Josephine, New York, N. Y. Dress. 144,968; June 11.
Frechette, Frederic J., Jr.: *See*—
Frechette, Frederic J., Sr., and F. J., Jr.
Frechette, Frederic J., Sr., and F. J., Jr., Charleston, S. C. Statuette. 145,841; Oct. 29.
Frederics, Fred, New York, N. Y. Bottle. 144,500; Apr. 23.
Freedman, Jules, New York, N. Y. Coat. 143,472; Jan. 8.
Freedman, Jules, New York, N. Y. Suit. 144,048; Mar. 5.
Freedman, Jules, New York, N. Y. Suit. 144,049; Mar. 5.
Freedman, Jules, New York, N. Y. Suit. 144,050; Mar. 5.
Freedman, Jules, New York, N. Y. Coat. 144,546; Apr. 30.

Freedman, Jules, New York, N. Y. Coat. 144,613; May 7.
Freedman, Jules, New York, N. Y. Coat. 144,614; May 7.
Freedman, Jules, New York, N. Y. Suit. 144,848; May 28.
Freedman, Jules, New York, N. Y. Suit. 144,849; May 28.
Freedman, Jules, New York, N. Y. Suit. 144,850; May 28.
Freedman, Jules, New York, N. Y. Suit. 144,917; June 4.
Freedman, Jules, New York, N. Y. Coat. 145,023; June 18.
Freedman, Jules, New York, N. Y. Suit. 145,433; Aug. 20.
Freedman, Jules, New York, N. Y. Suit. 145,434; Aug. 20.
Freedman, Jules, New York, N. Y. Suit. 145,435; Aug. 20.
Freedman, Jules, New York, N. Y. Coat. 145,436; Aug. 20.
Freedman, Jules, New York, N. Y. Coat. 145,616; Sept. 24.
Freedman, Jules, New York, N. Y. Coat. 145,717; Oct. 15.
Freedman, Jules, New York, N. Y. Coat. 146,021; Dec. 10.
Freedman, Leonard L., New York, N. Y. Embossed leather or similar article. 144,704; May 14.
Freedman, Leonard L., New York, N. Y. Embossed leather. 145,294; July 30.
Freel, Albert E., Tallahassee, assignor to Freel Research Laboratories, Chipley, Fla. Clock dial or similar article. 143,419; Jan. 1.
Freel Research Laboratories, assignee: *See*—
Freel, Albert E.
Freeman, Robert M., U. S. Navy, assignor to the Government of the United States of America as represented by the Secretary of the Navy. Torpedo director. 144,108; Mar. 12.
Frei, Otto, New York, N. Y. Liturgical flouncing or similar article. 143,528; Jan. 15.
Frei, Otto, New York, N. Y. Liturgical flouncing or similar article. 143,529; Jan. 15.
Freilich, Seymour, New York, N. Y. Blouse or similar article. 145,888; Nov. 12.
Freshmaster Corporation, assignee: *See*—
Drogin, Martin M.
Freund, Peter, Jr., North Bergen, N. J. Sweater. 145,787; Oct. 22.
Freyman, Herbert J., New York, N. Y. Electric steam radiator. 146,022; Dec. 10.
Friedman, Joseph L., New York, N. Y. Plastic unit for handbags or the like. 144,172; Mar. 19.
Friedman, Samuel C., New York, N. Y. Spoon or other article of flatware. 144,373; Apr. 9.
Friedman, Theodore, New York, N. Y. Mirror. 143,653; Jan. 29.
Friedman, Theodore, New York, N. Y. Mirror. 143,654; Jan. 29.
Friedman, Theodore, New York, N. Y. Mirror. 143,655; Jan. 29.
Frischer Joseph, Long Beach, N. Y. Plaited-embossed artificial leather fabric or the like. 143,723; Feb. 5.
Frohman, Arthur, New York, N. Y. Mask or similar article. 144,851; May 28.
Frohman, Arthur, New York, N. Y. Mask or similar article. 144,852; May 28.
Fulkerson, Josephine S., Joplin, Mo., and G. C. McCoy, Pittsburg, Kans. Powder mitt. 143,817; Feb. 12.
Fuller Brush Company, The, assignee: *See*—
Le Febvre, Alfred L.
Fuller, Carlton P., assignor to Polaroid Corporation, Cambridge, Mass. Eyeshield or similar article. 144,615; May 7.
Fulton Company, The, assignee: *See*—
Riemann, Howard C.
Furst, Clifford A., New York, N. Y. Handbag or similar article. 144,456; Apr. 16.
Fuschino, Charles A., West Hollywood, Calif. Game board. 144,374; Apr. 9.
G-M Laboratories, Inc., assignee: *See*—
Palma, Joseph, Jr.
Gaines, Frank E., Alhambra, Calif. Industrial hand-truck or similar article. 143,420; Jan. 1.
Gallagher, William P., assignor to International Register Company, Chicago, Ill. Clock case. 143,915; Feb. 19.
Gallinagh, Edwin H., Kansas City, Mo. Advertising device or similar article. 145,869; Nov. 5.
Galper Samuel, Jamaica, N. Y. Leather or similar article. 144,616; May 7.
Galter, Jack, Chicago, Ill. Cigar and cigarette lighter. 145,130; July 2.
Gantwarg, Charles, New York, N. Y. Finger ring. 144,918; June 4.
Garbell, Max, Los Angeles, Calif. Cabinet for a computing machine or similar article. 144,778; May 21.
Garcia, Leoncio, Youngstown, Ohio. Bird figure. 145,474; Aug. 27.
Gardel, Robert: *See*—
Strauss, Hermann, and Gardel.
Gardner, Jacob P.: *See*—
Allen, Robert L., and Gardner.
Gardner, Samuel A., Chicago, Ill. Clock. 146,101; Dec. 24.
Gardner, Samuel A., Chicago, Ill. Clock. 146,102; Dec. 24.
Gargano, Frank J., Providence, R. I. Brooch. 145,475; Aug. 27.
Gargano, Frank J., Providence, R. I. Brooch. 145,476; Aug. 27.
Gargano, Frank J., Providence, R. I. Brooch. 145,842; Oct. 29.
Garner, Robert V., Westwood, and A. P. Macchi, Walpole, assignors to Bird & Son, inc., East Walpole, Mass. Hard-surfaced floor covering. 144,375; Apr. 9.
Garner, Robert V., Westwood, and A. P. Macchi, Walpole, assignors to Bird & Son, inc., East Walpole, Mass. Linoleum or similar hard-surfaced rug. 144,969; June 11.
Garrett, Minnie G., and R. B. J. Biggins, Kansas City, Kans. Badge or like article. 144,501; Apr. 23.
Gasner, Julius, administrator: *See*—
Gasner, Sigmund.
Gasner, Sigmund, deceased, New York, N. Y.; J. Gasner, administrator of said S. Gasner. Vacuum cleaner bag. 143,421; Jan. 1.
Gass, Walter S., Seward, Nebr. Chair. 145,788; Oct. 22.
Gayaut, Gilbert D., assignee: *See*—
Salter, Florence B.
Gayring, Wallace F., Minoa, assignor to The Prosperity Company, Inc., Syracuse, N. Y. Cabinet pressing machine. 144,779; May 21.
Gazda, Antoine, Providence, R. I. Helicopter. 144,705; May 14.
Gazda, Antoine, Providence, R. I. Helicopter. 144,706; May 14.
Gazda, Antoine, Providence, R. I. Helicopter. 144,707; May 14.
Gazda, Antoine, Providence, R. I. Helicopter. 144,708; May 14.
Gazda, Antoine, Providence, R. I. Helicopter. 144,709; May 14.
Gazda, Antoine, Providence, R. I. Helicopter. 145,932; Nov. 19.
Geissler, Edward D., Detroit, Mich. Hammer toy. 145,295; July 30.
Geissler, Edward D., Detroit, Mich. Net toy. 145,296; July 30.
Geissler, Edward D., Detroit, Mich. Pistol toy. 145,437; Aug. 20.
Gelb, Abe, New York, N. Y. Narrow woven fabric. 145,246; July 23.
Gem Rubber Corporation, assignee: *See*—
Gottschalk, Emil.
General Consumer Products, Inc., assignee: *See*—
Heer, Raymond.
General Electric Company, assignee: *See*—
Florian, Gordon W.
Petzold, William B.
Schnoor, Frederick D.
General Motors Corporation, assignee: *See*—
Jergenson, George A.
General Radio Company, assignee: *See*—
Eastham, Melville.
General Tire & Rubber Company, The, assignee: *See*—
Anderson, George W.
Gerber, Albert J., assignor to Gerber Plastic Co., St. Louis, Mo. Food canister. 145,617; Sept. 24.
Gerber Plastic Co., assignee: *See*—
Gerber, Albert J.
Geremia, John S., Meriden, Conn. Ash receiver. 144,780; May 21.
Gerity-Adrian Manufacturing Corporation, assignee: *See*—
Van Doren, Harold.
Gerity, James, Jr., Adrian, assignor, by mesne assignments, to Gerity-Michigan Die Casting Company, Detroit, Mich. Double robe hook. 145,933; Nov. 19.
Gerity, James, Jr., Adrian, assignor, by mesne assignments, to Gerity-Michigan Die Casting Company, Detroit, Mich. Combined soap dish and grab rail. 145,934; Nov. 19.
Gerity, James, Jr., Adrian, assignor, by mesne assignments, to Gerity-Michigan Die Casting Company, Detroit, Mich. Wall bracket. 146,078; Dec. 17.
Gerity-Michigan Die Casting Company, assignee: *See*—
Gerity, James, Jr.
Gerson, Samuel L., Millville, N. J. Dish. 144,781; May 21.
Gerstl, Otto, Chicago, Ill. Font of type. 144,548; Apr. 30.
Getgey, John J., assignor to Empire Products, Inc., Cincinnati, Ohio. Hand tool for gardening. 143,724; Feb. 5.
Getgey, John J., assignor to Empire Products, Inc., Cincinnati, Ohio. Hand tool for gardening. 144,376; Apr. 9.
Gillespie, Earl J., assignor to The Martin Band Instrument Company, Elkhart, Ind. Demountable key guard for a saxophone. 145,889; Nov. 12.
Gillespie, Earl J., assignor to The Martin Band Instrument Company, Elkhart, Ind. Bell brace for a saxophone. 145,890; Nov. 12.
Gillespie, Earl J., assignor to The Martin Band Instrument Company, Elkhart, Ind. Saxophone. 145,891; Nov. 12.
Gillespie, Earl J., assignor to The Martin Band Instrument Company, Elkhart, Ind. Combined saxophone neck, mouth pipe fastening and mouthpiece key 145,892; Nov. 12.

Ginsberg, Philip, Brooklyn, N. Y. Suspenders. 144,549; Apr. 30.
Giordano, Nicholas J., assignee: *See*—
Keil, Frank J.
Giovannoni, Violet, New York, N. Y. Negligee. 144,970; **June 11.**
Giraldi, William A., Davenport, Iowa, assignor to National Lock Company, Rockford, Ill. Applique emblem or similar article. 143,530; Jan. 15.
Gladen, Carl F., Bay City, Mich. Adjustable ventilator for airplanes. 146,133; Dec. 31.
Glasco Lowell M., Dallas, Tex. Carrousel. 145,518; Sept. 3.
Glassman, Milton, New York, N. Y. Coin bank. 144,617; May 7.
Glassman, Milton, New York, N. Y. Coin bank. 144,618; May 7.
Glatar, James G., Chicago, Ill., assignor to J. J. White Manufacturing Company, Providence, R. I. Finger ring. 143,722; Feb. 5.
Glattfar, George E., University Heights, and J. Terr, Cleveland Heights, assignors to The Art Metal Company, Cleveland, Ohio. Ultraviolet sterilizer. 146,103; Dec. 24.
Gleitsman, Harold, New Rochelle, N. Y. Chair or similar article. 144,853; May 28.
Gleitsman, Harold, New Rochelle, N. Y. Chair or similar article. 145,074; June 25.
Globe Roofing Products Co., Inc., assignee: *See*—
Coburn, Abbott.
Globe-Union Inc., assignee: *See*—
Suter, George D.
Gloeckler, Frederick M.: *See*—
Bennett, Theodore C., Morton, and Gloeckler.
Gobelin Company, Inc., The, assignee: *See*—
Godfrey, Charles J., Philadelphia, Pa., assignor to Horton Manufacturing Company, Fort Wayne, Ind. Ironing machine. 146,023; Dec. 10.
Detremont, Gordon A., Benjamin, and Brown.
Goff, Edgar H., Hilton, Va. Picture frame. 143,916; Feb. 19.
Gold, Ira, Chicago, Ill. Educational toy. 144,919; June 4.
Goldberg, Harry, New York, N. Y. Coat. 145,598; Sept. 17.
Goldberg, Harry, New York, N. Y. Coat. 145,599; Sept. 17.
Goldberg, Harry, New York, N. Y. Coat. 145,618; Sept. 24.
Goldberg, Harry, New York, N. Y. Coat. 145,719; Oct. 15.
Goldberg, Harry, New York, N. Y. Coat. 145,720; Oct. 15.
Goldberg, Harry, New York, N. Y. Coat. 145,935; Nov. 19.
Goldberg, Jerome, assignor to Columbia Handbag Corp., New York, N. Y. Plastic block. 145,936; Nov. 19.
Goldboss, Beatrice, assignee, et al.: *See*—
Lieberman, William A., and Thomsen.
Golden, Zelma, New York, N. Y. Jacket. 143,473; Jan. 8.
Golden, Zelma, New York, N. Y. Jacket. 143,474; Jan. 8.
Golden, Zelma, New York, N. Y. Jacket. 143,475; Jan. 8.
Golden, Zelma, New York, N. Y. Dress. 143,476; Jan. 8.
Golden, Zelma, New York, N. Y. Dress. 143,477; Jan. 8.
Golden, Zelma, New York, N. Y. Dress. 143,818; Feb. 12.
Golden, Zelma, New York, N. Y. Dress. 144,173; Mar. 19.
Golden, Zelma, New York, N. Y. Dress. 144,174; Mar. 19.
Golden, Zelma, New York, N. Y. Dress. 144,175; Mar. 19.
Golden, Zelma, New York, N. Y. Dress. 144,176; Mar. 19.
Golden, Zelma, New York, N. Y. Dress. 144,177; Mar. 19.
Golden, Zelma, New York, N. Y. Dress. 144,178; Mar. 19.
Golden, Zelma, New York, N. Y. Dress. 144,179; Mar. 19.
Golden, Zelma, New York, N. Y. Dress. 144,180; Mar. 19.
Golden, Zelma, New York, N. Y. Dress. 144,181; Mar. 19.
Golden, Zelma, New York, N. Y. Dress. 144,182; Mar. 19.
Golden, Zelma, New York, N. Y. Dress. 144,183; Mar. 19.
Golden, Zelma, New York, N. Y. Dress. 144,184; Mar. 19.
Golden, Zelma, New York, N. Y. Dress. 144,185; Mar. 19.
Golden, Zelma, New York, N. Y. Dress. 144,186; Mar. 19.
Golden, Zelma, New York, N. Y. Dress. 144,187; Mar. 19.
Golden, Zelma, New York, N. Y. Dress. 144,188; Mar. 19.
Golden, Zelma, New York, N. Y. Jacket. 144,189; Mar. 19.
Golden, Zelma, New York, N. Y. Jacket. 144,190; Mar. 19.
Golden, Zelma, New York, N. Y. Dress. 144,245; Mar. 26.
Golden, Zelma, New York, N. Y. Dress. 144,294; Apr. 2.
Golden, Zelma, New York, N. Y. Dress. 144,457; Apr. 16.
Golden, Zelma, New York, N. Y. Dress. 144,500; Apr. 30.
Golden, Zelma, New York, N. Y. Jacket. 144,551; Apr. 30.
Golden, Zelma, New York, N. Y. Dress. 145,160; **July 9.**
Golden, Zelma, New York, N. Y. Dress. 145,161; **July 9.**
Golden, Zelma, New York, N. Y. Dress. 145,162; **July 9.**
Golden, Zelma, New York, N. Y. Dress. 145,163; **July 9.**
Golden, Zelma, New York, N. Y. Dress. 145,164; **July 9.**
Golden, Zelma, New York, N. Y. Dress. 145,165; **July 9.**
Golden, Zelma, New York, N. Y. Dress. 145,166; **July 9.**
Golden, Zelma, New York, N. Y. Dress. 145,167; **July 9.**
Golden, Zelma, New York, N. Y. Dress. 145,168; **July 9.**
Golden, Zelma, New York, N. Y. Dress. 145,169; **July 9.**
Golden, Zelma, New York, N. Y. Dress. 145,170; **July 9.**
Golden, Zelma, New York, N. Y. Jacket. 145,721; Oct. 15.
Golden, Zelma, New York, N. Y. Jacket. 145,722; Oct. 15.
Golden, Zelma, New York, N. Y. Jacket. 145,723; Oct. 15.
Golden, Zelma, New York, N. Y. Jacket. 145,724; Oct. 15.
Golden, Zelma, New York, N. Y. Jacket. 145,725; Oct. 15.
Golden, Zelma, New York, N. Y. Jacket. 145,726; Oct. 15.
Golden, Zelma, New York, N. Y. Jacket. 145,727; Oct. 15.
Golden, Zelma, New York, N. Y. Jacket. 145,728; Oct. 15.
Golden, Zelma, New York, N. Y. Dress. 145,789; Oct. 22.
Golden, Zelma, New York, N. Y. Dress. 145,790; Oct. 22.
Golden, Zelma, New York, N. Y. Dress. 145,791; Oct. 22.
Golden, Zelma, New York, N. Y. Dress. 145,792; Oct. 22.
Golden, Zelma, New York, N. Y. Dress. 145,793; Oct. 22.
Golden, Zelma, New York, N. Y. Dress. 145,794; Oct. 22.
Golden, Zelma, New York, N. Y. Dress. 145,795; Oct. 22.
Golden, Zelma, New York, N. Y. Dress. 145,796; Oct. 22.
Golden, Zelma, New York, N. Y. Dress. 145,797; Oct. 22.
Golden, Zelma, New York, N. Y. Dress. 146,079; Dec. 17.
Goldfrank, John, New York, N. Y. Embroidered trimming. 144,552; Apr. 30.
Goldfrank, John, New York, N. Y. Embroidered trimming. 144,553; Apr. 30.
Goldinger Fabrics Company, assignee: *See*—
Park, Arthur Y.
Goldman, Gloria, Los Angeles, Calif. Cigarette holder. 144,854; May 28.
Goldman, Gloria, Los Angeles, Calif. Cigarette case. 144,855; May 28.
Goldsmith, Elmer P., New York, N. Y. Embroidered monogrammed medallion. 144,554; Apr. 30.
Goldstein, Louis H., Providence, R. I., and H. Lustig, New York, N. Y. Brooch or similar article. 144,051; Mar. 5.
Goldstein, Louis H., Providence, R. I., and H. Lustig, New York, N. Y. Brooch or similar article. 144,052; Mar. 5.
Goldstein, Louis H., Providence, R. I., and H. Lustig, New York, N. Y. Brooch or similar article. 144,053; Mar. 5.
Goldstein, Louis H., Providence, R. I., and H. Lustig, New York, N. Y. Brooch or similar article. 144,054; Mar. 5.
Goldstein, Louis H., Providence, R. I., and H. Lustig, New York, N. Y. Brooch or similar article. 144,055; Mar. 5.
Goldwater, Bernard L., West Haven, Conn. Deck of playing cards. 145,075; June 25.
Goodall, Leonard B., Warrensburg, Mo. Power driven lawn trimmer. 145,438; **Aug. 20.**
Goodman, Louis, Los Angeles, Calif. Portable sundial. 144,377; Apr. 9.
Goodman, William L., Jr., Chicago, Ill. Cabinet for combination stove and refrigerator unit. 145,999; Dec. 3.
Goodrich, B. F., Company, The, assignee: *See*—
L'Hollier, Leslie H.
Goodstein, David M., New York, N. Y. Dress. 145,798; Oct. 22.
Goodstein, David M., New York, N. Y. Dress. 145,799; Oct. 22.
Goodstein, David M., New York, N. Y. Dress. 145,843; Oct. 29.
Gordenier, Robert E., St. Paul, Minn., assignor to Crystal Products Company, Kansas City, Mo. Radio cabinet. 145,076; June 25.
Gordon, David, Los Angeles, Calif. Jewelry charm. 143,422; Jan. 1.
Gorham Manufacturing Company, assignee: *See*—
Price, James R.
Woodward, Frederick R.
Gosling, Henry A., assignee: *See*—
Case, Frank P.
Gosling, Henry A., assignor of one-half to F. P. Case, Chicago, Ill. Soda straw dispenser. 144,710; May 14.
Gostkowski, Bedri H., assignor to Universal Lighters Selling Company Ltd., Geneva, Switzerland. Cigar and cigarette lighter. 143,585; Jan. 22.

Gottlieb, Louis, Philadelphia, Pa. Beverage dispenser. 144,555; Apr. 30.
Gottschalk, Emil, assignor to Gem Rubber Corporation, New York, N. Y. Rubber overshoe. 145,439; Aug. 20.
Gottschalk, Rose, assignor to Edgar C. Hyman Co., New York, N. Y. Scarf. 145,619; Sept. 24.
Goughnour, Fay T., Des Moines, Iowa. Screen door latch. 144,556; Apr. 30.
Gougler, C. L., Keyless Lock Company, The, assignee: *See*—
Bouhall, Edward F.
Goulston, Dexter, and O. T. Edlund, Detroit, Mich. Smoking pipe. 143,423; Jan. 1.
Grabol, Michael, New York, N. Y. Lipstick holder or similar article. 145,077; June 25.
Graeter, Harold: *See*—
Foret, Edmond, and Graeter.
Graeter, Harold, Sherman, Conn., assignor to Cartier, Inc., New York, N. Y. Clock. 143,478; Jan. 8.
Graeter, Harold, Sherman, Conn., assignor to Cartier, Inc., New York, N. Y. Combined lapel pin and perfume container. 145,394; Aug. 13.
Graeter, Harold, Sherman, Conn., assignor to Cartier, Inc., New York, N. Y. Combined lapel pin and perfume container. 146,104; Dec. 24.
Graham, Edward F., Normandy, Mo. Multipurpose tool. 144,929; **June 4.**
Graham, Elizabeth N., New York, N. Y. Bottle. 143,656; Jan. 29.
Graham, Elizabeth N., New York, N. Y. Bottle. 143,657; Jan. 29.
Graham, Elizabeth N., New York, N. Y. Bottle or similar article. 144,246; Mar. 26.
Graham, Elizabeth N., New York, N. Y. Bottle. 144,247; Mar. 26.
Graham, Elizabeth N., New York, N. Y. Handbag. 144,557; Apr. 30.
Graham, Elizabeth N., New York, N. Y. Bottle. 144,619; May 7.
Graham, Elizabeth N., New York, N. Y. Lipstick case or similar article. 145,620; Sept. 24.
Graham, Elizabeth N., New York, N. Y. Compact or similar article. 145,621; Sept. 24.
Graham, Frank B., Lansing, Mich. Meat tenderer. 146,024; Dec. 10.
Graham, Margaret B., assignor to Edgar C. Hyman Co., New York, N. Y. Scarf. 145,622; Sept. 24.
Graham, Virginia S., Beverly Hills, Calif. Hair waving device. 145,893; Nov. 12.
Grandon, Matthew R., Beverly Hills, Calif. Cigarette holder. 143,725; Feb. 5.
Graven, Nettie E., Wooster, Ohio. Folding house vehicle or similar article. 145,440; Aug. 20.
Graven, Nettie E., Wooster, Ohio. Folding house vehicle or similar article. 145,441; Aug. 20.
Graw, Harry J., assignee: *See*—
Sparks, Byron R.
Gray, George F.: *See*—
Pratt, Verneur E.
Gray, Harry H., Kansas City, Mo. Soap cake holder or similar article. 145,729; Oct. 15.
Gray, Landon R.: *See*—
Hufford, Lewis C., and Gray.
Green, Lee B., Lakewood, Ohio. Milk can. 143,586; Jan. 22.
Green, Robert O., New York, N. Y. Shoe ornament or similar article. 143,424; Jan. 1.
Green, Warren, Noroton Heights, Conn., and P. Schladermundt, Bronxville, assignors to Salz Bros. Inc., New York, N. Y. Clip for a fountain pen or similar article. 145,171; July 9.
Green, Warren, Noroton Heights, Conn., and P. Schladermundt, Bronxville, assignors to Salz Bros. Inc., New York, N. Y. Fountain pen. 145,870; Nov. 5.
Green, Warren B., Darien, Conn., assignor to Sears, Roebuck and Co., Chicago, Ill. Boiler. 145,078; June 25.
Green, Warren B., Darien, Conn., assignor to Sears, Roebuck and Co., Chicago, Ill. Bathtub. 145,211; July 16.
Greenberg, Morris, New York, N. Y. Slipper. 145,937; Nov. 19.
Gregorie, Eugene T.: *See*—
Wagner, Willys P., and Gregorie.
Gren, Michael, Rome, N. Y. Combined inkstand and pencil rack. 143,479; Jan. 8.
Griffith, Jane F., New York, N. Y. Pull toy or similar article. 145,844; Oct. 29.
Gro-Cord Rubber Company, assignee: *See*—
Knisely, Virgil M.
Groetchen, Richard, Chicago, Ill. Cooker. 143,726; Feb. 5.
Grohs, Theodore A., Los Angeles, assignor to Interstate Aircraft and Engineering Corp., El Segundo, Calif. Vacuum cleaner casing. 144,558; Apr. 30.
Groppe, Victor E., assignee, et al.: *See*—
Adolf, Raymond L.
Grose, Austin W., Celoron, N. Y. Clothesline fastener. 143,727; Feb. 5.
Gross, Alexander S., New York, N. Y. Dress. 143,587; Jan. 22.
Gross, Robert E., Bel-Air, assignor to Lockheed Aircraft Corporation, Burbank, Calif. Airplane. 143,969; Feb. 26.
Grossi, Frederick, Los Angeles, Calif. Table. 145,131; July 2.
Grossman Music Co., assignee: *See*—
Brockman, Morton S.
Thompson, Josephus.
Grosvenor, Richard B., Piqua, Ohio. Infant's toy figure, or similar article. 145,395; Aug. 13.
Grosvenor, Richard B., Piqua, Ohio. Infant's teething toy figure or similar article. 145,894; Nov. 12.
Grosvenor, Richard B., Piqua, Ohio. Infant's teething toy figure or similar article. 145,895; Nov. 12.
Grosvenor, Richard B., Piqua, Ohio. Infant's teething toy figure or similar article. 145,896; Nov. 12.
Groves Shoe Co., assignee: *See*—
Ingram, Thomas R.
Gruber, Abe, New York, N. Y. Coat. 143,480; Jan. 8.
Gruber, Abe, New York, N. Y. Coat. 143,481; Jan. 8.
Gruber, Abe, New York, N. Y. Coat. 143,482; Jan. 8.
Grun, Otto, New York, N. Y. Bracelet. 143,588; Jan. 22.
Grun, Otto, New York, N. Y. Earring. 143,589; Jan. 22.
Grun, Otto, New York, N. Y. Finger ring. 143,590; Jan. 22.
Grun, Otto, New York, N. Y. Brooch or similar article. 143,591; Jan. 22.
Guided Radio Corporation, assignee: *See*—
Dalrymple, Henry C.
Guild, Lurelle: *See*—
Smallwood, Albert E., and Guild.
Guild, Lurelle, Darien, Conn., assignor to The Aluminum Cooking Utensil Company, New Kensington, Pa. Stool. 145,938; Nov. 19.
Guild, Lurelle, Darien, Conn., assignor to The Aluminum Cooking Utensil Company, New Kensington, Pa. Chair. 146,080; Dec. 17.
Gulotta, Gerald D., assignor to R. W. Hays, Rockford, Ill. Pencil sharpener. 145,939; Nov. 19.
Gumb, Daniel E., Milwaukee, Wis. Hair comb. 145,079; June 25.
Gump, S & S, Co., assignee: *See*—
Bowen, Alice S.
Gutmann, Carl, & Co., Inc., assignee: *See*—
Engleman, Dorthi.
H. M. C. Company, assignee: *See*—
Hoover, Frank M., and Homer.
Haggstrom, Arthur C., assignor to C. E. Threedy, Rockford, Ill. Platform scale. 144,191; Mar. 19.
Hagquist, Bernard C.: *See*—
Meek, Melvin J., and Hagquist.
Hair, Clifford, Downey, Calif. Tricycle. 143,592; Jan. 22.
Hale, Frank R., assignor to H. S. La Poff, Paterson, N. J. Combined salt and pepper shaker or similar article. 145,730; Oct. 15.
Hanle, Benjamin W., Elizabeth, N. J., assignor to Eagle Pencil Company. Pen desk stand. 145,804; Oct. 22.
Hall Brothers, Incorporated, assignee: *See*—
Keeney, Frances.
Hall, Howard H., Denver, Colo. Meat display separator. 143,728; Feb. 5.
Hall, Isabel H., New York, N. Y. Towel or similar article. 145,297; July 30.
Hall, Isabel H., New York, N. Y. Towel or similar article. 145,575; Sept. 10.
Hall, Randolph F.: *See*—
Rhodes, Edgar P., and Hall.
Hall, Randolph F., Rochester, and E. P. Rhodes, Clarence, assignors to Bell Aircraft Corporation, Buffalo, N. Y. Airplane. 143,729; Feb. 5.
Hall, Randolph F., Rochester, and E. P. Rhodes, Clarence, assignors to Bell Aircraft Corporation, Buffalo, N. Y. Airplane. 143,730; Feb. 5.
Hall, Randolph F., Rochester, and E. P. Rhodes, Clarence, assignors to Bell Aircraft Corporation, Buffalo, N. Y. Airplane. 143,731; Feb. 5.
Hall, Randolph F., Rochester, and E. P. Rhodes, Clarence, assignors to Bell Aircraft Corporation, Buffalo, N. Y. Airplane. 143,732; Feb. 5.
Hallward, Michael, Swampscott, Mass., assignor to First Industrial Corporation, Wilmington, Del. Push-button signaling device. 144,306; Apr. 2.
Hallward, Michael, Swampscott, Mass. Clock. 145,576; Sept. 10.
Hamill, Virginia, New York, N. Y. Textile fabric or similar article. 144,559; Apr. 30.
Hamilton, James C., Lexington, Mass. Flame failure control unit. 145,442; Aug. 20.
Hamilton, Kenneth C., assignor to Milwaukee Lace Paper Company, Milwaukee, Wis. Napkin or similar article. 145,132; July 2.
Hamilton, Kenneth C., assignor to Milwaukee Lace Paper Company, Milwaukee, Wis. Place mat or similar article. 145,133; July 2.
Hamilton, Kenneth C., assignor to Milwaukee Lace Paper Company, Milwaukee, Wis. Doily or similar article. 146,135; Dec. 31.
Hamilton Manufacturing Company, assignee: *See*—
Engman, Ralph P., and Sellen.
Hamre, Marion R., Oceanside, N. Y. Fabric. 144,921; June 4.
Hansen, Edwin E., Astoria, Oreg. Trundle toy. 146,136; Dec. 31.
Hansen, Julius E., Rochester, N. Y. Eye shade or similar article. 144,560; Apr. 30.

Hanson, Hans P., Chicago, Ill. Flowerpot holder. 144,248; Mar. 26.
Hardwick & Magee Company, assignee: *See*—
Schmidt, Earl C.
Wildgust, Allon C. C.
Hardy, Charles W., New York, N. Y. Handbag frame. 145,064; Oct. 1.
Hardy, William, Chevy Chase, and N. F. Hollander, Bethesda, Md. Golf club head. 145,080; June 25.
Hardy, Charles W., New York, N. Y. Earring. 145,134; July 2.
Harle, Luke L.: *See*—
Brown, Kenneth H.
Harrington, King, San Francisco, Calif. Container for candy, perfume, flowers, and the like. 145,845; Oct. 29.
Harris, Myer J., Richmond, Va. Building siding panel or the like. 144,378; Apr. 9.
Harris, Samuel A., Winston-Salem, N. C. Combined marking instrument and stand. 146,025; Dec. 10.
Harris, Walter J., assignor to Pacific Marine Supply Company, Seattle, Wash. Fish-line weight. 143,531; Jan. 15.
Harrison, William H., Los Angeles, Calif. Colorimeter. 146,137; Dec. 31.
Harsany, Louis S., Cleveland, Ohio. Combination chair and table. 145,443; Aug. 20.
Hart, Amplis O.: *See*—
Hart, Claybourne W. and A. O.
Hart, Claybourne W., and A. O. Hart, Chicago, Ill. Table or similar article. 145,519; Sept. 3.
Hart, Claybourne W., and A. O. Hart, Chicago, Ill. Table or similar article. 145,520; Sept. 3.
Hart, George B., Inc., assignee: *See*—
Bittel, John A. and H. E.
Hart, Roy R., San Jose, Calif. Game board. 146,105; Dec. 24.
Harvey Machine Co., Inc., assignee: *See*—
Orkin, Samuel.
Harvuot, Richard E.: *See*—
Hire, Walter A., Harvuot, and Williams.
Harwood, Wallace, New York, N. Y., assignor to Academy Award Products, Inc. Pen rack or similar article. 146,138; Dec. 31.
Hasche, Carl H., Los Angeles, Calif. Portable bar or similar article. 145,521; Sept. 3.
Hat Corporation of America, assignee: *See*—
Maxwell, Paul M., and Russey.
Hathaway, William R., West Haven, assignor to United Advertising Corporation, New Haven, Conn. Broiler or the like. 145,897; Nov. 12.
Haures, Thomas L., Los Angeles, Calif. Boot jack. 143,819; Feb. 12.
Hauser, Edgar R., Birmingham, Ala. Toy dog or similar article. 145,681; June 25.
Hauser, Jon W., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Pencil sharpener. 145,477; Aug. 27.
Havens, Cecil R., Kansas City, Mo. Jar or similar article. 145,212; July 16.
Hays, Roy W., assignee: *See*—
Goletta, Gerald D.
Hazard, John H., Flushing, assignor to Hollywood Jewelry Mfg. Co., New York, N. Y. Bracelet or similar article. 144,561; Apr. 30.
Hazard, John H., Flushing, assignor to Hollywood Jewelry Mfg. Co., New York, N. Y. Bracelet or similar article. 144,562; Apr. 30.
Hazard, John H., Flushing, assignor to Hollywood Jewelry Mfg. Co., New York, N. Y. Bracelet or similar article. 144,563; Apr. 30.
Hazard, John H., Flushing, assignor to Hollywood Jewelry Mfg. Co., New York, N. Y. Brooch or similar article. 144,711; May 14.
Hazard, John H., Flushing, assignor to Hollywood Jewelry Mfg. Co., New York, N. Y. Earring or similar article. 144,712; May 14.
Head, Richard G., Los Angeles, Calif. Garden tool head. 145,082; June 25.
Healey, John A., Chicago, Ill. Pull toy. 145,694; Oct. 8.
Heath, Robert, Fort Collins, Colo. Tractor hitch. 142,970; Feb. 26.
Hecht, Arno, Babylon, assignor to H. Schirokauer, New York, N. Y. Tricycle. 145,135; July 2.
Hedrick, Floyd A., Vancouver, Wash., assignor of one-half to F. G. Snyder, Vanport, Oreg. Separator for displaying merchandise. 143,658; Jan. 29.
Heer, Raymond, assignor to General Consumer Products, Inc., Chicago, Ill. Electric stove. 145,695; Oct. 8.
Heil, William W., Dumont, N. J. Bookmark. 144,564; Apr. 30.
Heilbroner, Hedwig, and G. R. Arons, New York, N. Y. Picture frame. 144,922; June 4.
Heinecke, Earl: *See*—
Mora, Vincent L., and Heinecke.
Heinemann, Edward H., and L. J. Devlin, Los Angeles, assignors to Douglas Aircraft Company, Inc., Santa Monica, Calif. Airplane. 144,713; May 14.
Heinemann, Edward H., and L. J. Devlin, Los Angeles, assignors to Douglas Aircraft Company, Inc., Santa Monica, Calif. Airplane. 144,714; May 14.
Heinz, Otto W., Pittsburgh, Pa. Goggles. 144,782; May 21.
Helfenbein, Richard C.: *See*—
Zabel, William C. P., and Helfenbein.
Helsley, Virginia, New York, N. Y. Tablecloth or similar article. 143,483; Jan. 8.
Helsley, Virginia, New York, N. Y. Tablecloth or similar article. 143,484; Jan. 8.
Helsley, Virginia, New York, N. Y. Tablecloth or similar article. 145,478; Aug. 27.
Helsley, Virginia, New York, N. Y. Tablecloth or similar article. 145,479; Aug. 27.
Helsley, Virginia, New York, N. Y. Tablecloth or similar article. 145,480; Aug. 27.
Hemp, Arlington E., assignee: *See*—
McCalla, Hazel M.
Hendler, Bernard R., assignee: *See*—
Barger, Charles H.
Henkel, John, Baltimore, Md., assignor to Dixon-Bartlett Company. Shoe. 145,577; Sept. 10.
Hensley, Frieda D., San Francisco, Calif. Ash tray. 143,485; Jan. 8.
Hewitt, William B.: *See*—
Bogert, Ormonde, and Hewitt.
Heywood-Wakefield Company, assignee: *See*—
Conway, James V.
Schladermundt, Peter, and Rado.
Hibbard, Hall L., West Los Angeles, and C. L. Johnson, Encino, assignors to Lockheed Aircraft Corporation, Burbank, Calif. Airplane. 143,820; Feb. 12.
Hickey, James J., Binghamton, assignor to Endicott Johnson Corporation, Endicott, N. Y. Shoe. 145,731; Oct. 15.
Higley, Edna R., Trenton, N. J. Blanket wrap. 144,715; May 14.
Hilgeman, Carl F., assignor to Eastman Machine Company, Buffalo, N. Y. Motor driven actuator for movable parts of an airplane or the like. 145,522; Sept. 3.
Hill, C. V., & Company, Inc., assignee: *See*—
Hoffman, Cyrus F.
Hill, Joseph A., assignor to W. M. Klompus, Chicago, Ill. Alarm clock. 145,298; July 30.
Hill-Shaw Company, assignee: *See*—
Reinecke, Jean O.
Hilltop Manufacturing Company, assignee: *See*—
Covington, James D.
Hiltenbrand, Frank X., Weehawken, N. J., assignor to Harry Rosenfeld Co., New York, N. Y. Handbag. 144,458; April 16.
Hiltenbrand, Frank X., Weehawken, N. J., assignor to Harry Rosenfeld Co., New York, N. Y. Handbag. 146,091; Dec. 17.
Hinderer, Gottlob, assignor to Price-Pfister Mfg. Co., Los Angeles, Calif. Wall type swing spout. 144,249; Mar. 26.
Hinson, William H., Webster Groves, Mo. Shoe. 146,100; Dec. 24.
Hirsch, Benjamin F., Chicago, and S. A. Chmielewski, Cicero, Ill. Game board. 144,307; Apr. 2.
Hirsch, Mahlon E.: *See*—
Campbell, Laurie J., and Hirsch.
Hite, Walter A., Palos Verdes Estates, R. E. Harvuot, Inglewood, and D. H. Williams, Los Angeles, Calif., assignors to Interstate Aircraft and Engineering Corp. Airplane. 144,109; Mar. 12.
Hite, Walter A., Palos Verdes Estates, R. E. Harvuot, Inglewood, and D. H. Williams, Los Angeles, Calif., assignors to Interstate Aircraft and Engineering Corp. Airplane. 144,110; Mar. 12.
Hite, Walter A., Palos Verdes Estates, R. E. Harvuot, Inglewood, and D. H. Williams, Los Angeles, Calif., assignors to Interstate Aircraft and Engineering Corp. Airplane. 144,111; Mar. 12.
Hite, Walter A., Palos Verdes Estates, R. E. Harvuot, Inglewood, and D. H. Williams, Los Angeles, Calif., assignors to Interstate Aircraft and Engineering Corp. Airplane. 144,112; Mar. 12.
Hite, Walter A., Palos Verdes Estates, R. E. Harvuot, Inglewood, and D. H. Williams, Los Angeles, Calif., assignors to Interstate Aircraft and Engineering Corp. Airplane. 144,113; Mar. 12.
Hobbs, Perry N., Brimson, and Cullie C. Merchant, Ridgeway, Mo. Heat circulating unit. 144,502; Apr. 23.
Hobé, William W., New York, N. Y. Brooch pin or similar article. 143,486; Jan. 8.
Hobé, William W., New York, N. Y. Brooch pin or similar article. 143,487; Jan. 8.
Hobé, William W., New York, N. Y. Brooch pin or similar article. 143,488; Jan. 8.
Hobé, William W., New York, N. Y. Brooch pin or similar article. 143,489; Jan. 8.
Hobé, William W., New York, N. Y. Brooch pin or similar article. 143,490; Jan. 8.
Hobé, William W., New York, N. Y. Brooch pin or similar article. 145,213; July 16.
Hobé, William W., New York, N. Y. Brooch pin or similar article. 145,214; July 16.
Hocker, Elston C., Oakland, Calif. Ant trap. 144,379; Apr. 9.
Hockery, John C., assignee: *See*—
Talge, Henry J.
Hockery, John C., et al.: *See*—
Majewski, Joseph M., Jr., and Talge.
Hodge, T. Barry, Chicago, Ill. Toy boat. 144,503; Apr. 23.
Hodge, T. Barry, Chicago, Ill. Package in the form of a boat. 144,504; Apr. 23.

Hodge, T. Barry, Chicago, Ill. Container for toys and the like. 145,481; Aug. 27.
Hodil, Kenneth A., assignor of forty percent to Fred G. Reimolds, Pittsburgh, Pa. Condiment shaker or similar article. 145,523; Sept. 3.
Hoffman, Cyrus F., assignor to C. V. Hill & Company, Inc., Trenton, N. J. Self-service display case. 144,380; Apr. 9.
Hoffman, Cyrus F., assignor to C. V. Hill & Company, Inc., Trenton, N. J. Self-service frosted food fixture. 145,136; July 2.
Hoffmann, Edward C., St. Louis, Mo. Pencil sharpener. 143,917; Feb. 19.
Hoffman, John S.: *See*—
Davis, John V., and Hoffman.
Hoffman, Ladd W., Los Angeles, Calif. Pencil sharpener. 143,532; Jan. 15.
Hoffman, Otto, Portland, Oreg. Trowel. 145,524; Sept. 3.
Hofmann, John H., Sinking Spring, Pa. Shoulder cap for brooms. 144,971; June 11.
Hohl, John: *See*—
Shapiro, Benjamin H., Thomas, and Hohl.
Hollander, Lewis H., New York, N. Y. Embroidered fabric. 146,107; Dec. 24.
Hollander, Nicholas F.: *See*—
Hardy, William, and Hollander.
Hollenbeck, Ernest L., Glendale, Calif. Smoking pipe. 143,593; Jan. 22.
Hollis, James B., Los Angeles, Calif. Table. 144,565; Apr. 30.
Hollywood Jewelry Mfg. Co., assignee: *See*—
Hazard, John H.
Holmes, Caroline D., Scituate, R. I., assignor to Buckley & Scott, Inc. Advertising display figure or the like. 144,381; Apr. 9.
Holmes, Clarence E., Tallahassee, Fla. Finger ring. 145,299; July 30.
Holmes, Ester L., assignor of one-half to J. E. Holmes, San Diego, Calif. Teapot. 144,923; June 4.
Holmes, Ester L., assignor of one-half to J. E. Holmes, San Diego, Calif. Teapot. 146,139; Dec. 31.
Holmes, Joseph E., assignee: *See*—
Holmes, Ester L.
Holmsky, Nicholas N., New York, N. Y. Wrist watch strap. 143,821; Feb. 12.
Holsing, Claude J., South Orange, assignor to Electric Arc, Inc., Newark, N. J. Work positioner. 143,733; Feb. 5.
Holt, Guild R.: *See*—
Pond, William B., and Holt.
Holzman, Max L., assignee, et al.: *See*—
Rosenberg, Ben.
Holzman, Sara W., assignee, et al.: *See*—
Rosenberg, Ben.
Homan, Harold T., assignor to Alamo Pottery, Inc., San Antonio, Tex. Pitcher. 146,026; Dec. 10.
Homer, Austin: *See*—
Hoover, Frank M., and Homer.
Hooe, Hunter E., Chicago, and T. O. Mehan, Park Ridge, assignors to Multi-Sort Systems Incorporated, Chicago, Ill. Combined card punching machine and stand. 146,027; Dec. 10.
Hooe, Hunter E., Chicago, and T. O. Mehan, Park Ridge, assignors to Multi-Sort Systems Incorporated, Chicago, Ill. Card punching machine. 146,028; Dec. 10.
Hooper, Wallace C., Los Angeles, Calif. Toy gun. 145,805; Oct. 22.
Hooven, Howard, Doylestown, assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth. 144,783; May 21.
Hooven, Howard, Doylestown, assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth. 144,784; May 21.
Hooven, Howard, Doylestown, assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth. 144,785; May 21.
Hooven, Howard, Doylestown, assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth. 144,786; May 21.
Hooven, Howard, Doylestown, assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth. 144,787; May 21.
Hooven, Howard, Doylestown, assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth. 144,788; May 21.
Hooven, Howard, Doylestown, assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth. 144,789; May 21.
Hooven, Howard, Doylestown, assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth. 145,578; Sept. 10.
Hoover, Frank M., Youngstown, Ohio, and A. Homer, Morton, Pa., assignors to H. M. C. Company, Youngstown, Ohio. Toy telephone. 144,566; Apr. 30.
Hopkins, Wendell P., Beverly, Mass. Portable bar. 143,491; Jan. 8.
Hoppe, Charles W., Buffalo, N. Y. Soap dispenser. 144,567; Apr. 30.
Hornung, Clarence P., Hempstead Lake Park, N. Y. Combination food chopper and grinder. 143,533; Jan. 15.
Hornung, Emil E., Jacksonville, Fla. Display device for holding fruit, cake, and the like. 145,024; June 18.
Horovitz, Morris, assignor to W. & H. Jewelry Co., Providence, R. I. Jewelry pin. 144,505; Apr. 23.
Horowitz, Rachel, New York, N. Y. Sweater. 144,056; Mar. 5.
Horton Manufacturing Company, assignee: *See*—
Godfrey, Charles J.
Hoshafian, Lucy, New York, N. Y. Dress. 145,623; Sept. 24.
Houpt, Donald T., assignor to Boeing Aircraft Company, Seattle, Wash. Bathroom unit. 144,790; May 21.
House, Inez H., assignee: *See*—
Robinson, Donald E.
House, Walter J., Jr., Dallas, Tex. Radio cabinet. 145,800; Oct. 22.
Hovey, C. Earl, trustee, assignee: *See*—
Bach, Alfons.
Bloomfield, Samuel.
Hovey, Earl S.: *See*—
Otto, Carl Louis.
Howell, Stanley D., Cambridge, Mass. Service insignia lapel button. 143,594; Jan. 22.
Howland, Levi S., Long Beach, Calif. Surfboard. 145,083; June 25.
Hoyle, Marion, Pasadena, Calif. Combined doll and parachute. 145,732; Oct. 15.
Huberman, Samuel, New York, N. Y. Shoe. 145,600; Sept. 17.
Huebner, Edward C., Detroit, Mich. Child's wheeled vehicle. 145,624; Sept. 24.
Hufford, Lewis C., and L. R. Gray, Redondo Beach, Calif. Rotatable spit barbecue. 145,601; Sept. 17.
Hummel, Harold P., Mount Carmel, Pa. Building. 145,801; Oct. 22.
Hunau, Adolph, Los Angeles, Calif. Dental apparatus hand-piece or the like. 146,082; Dec. 17.
Huppert, William, New York, N. Y., assignor to Delamere Company, Inc. Hair wave clip. 143,734; Feb. 5.
Hurd, Bennie, Chicago, Ill. Ring watch. 144,716; May 14.
Hurd, Edwin P., Detroit, Mich., assignor to Hurd Lock & Manufacturing Company. Combined fishing reel and rod seat. 145,625; Sept. 24.
Hurd Lock & Manufacturing Company, assignee: *See*—
Hurd, Edwin P.
Hurwitz, Bernard, New York, N. Y. Dress. 145,247; July 23.
Hurwitz, Bernard, New York, N. Y. Dress. 145,248; July 23.
Hurwitz, Bernard, New York, N. Y. Dress. 145,249; July 23.
Hurwitz, Bernard, New York, N. Y. Dress. 146,000; Dec. 3.
Hurwitz, Bernard, New York, N. Y. Dress. 146,001; Dec. 3.
Hurwitz, Bernard, New York, N. Y. Dress. 146,002; Dec. 3.
Hutcheson, Ray R., assignor to E. A. Laboratories, Inc., Brooklyn, N. Y. Portable space heater. 145,025; June 18.
Hutt, Albert E., Stamford, Conn., and C. L. Otto, New York, N. Y., assignors to Schick Incorporated. Electric shaver holder. 145,084; June 25.
Huttemeyer, Herman F., assignor to American Optical Company, Southbridge, Mass. Case for an ophthalmic mounting. 144,620; May 7.
Huzzard, Robert W.: *See*—
Dickson, James J., and Huzzard.
Hvale, James L., assignor to Ekco Products Company, Chicago, Ill. Knife holder. 145,172; July 9.
Hyman, Edgar C., Co., assignee: *See*—
Gottschalk, Rose.
Graham, Margaret B.
Lee, Robert T.
I. T. S. Company, assignee: *See*—
Wager, Sidney G.
Ideal Novelty & Toy Co., assignee: *See*—
Baggott, Edmund W.
Shrier, Martin.
Ideal Plastic Corporation, assignee: *See*—
Manovill, Alfred C.
Illinois Watch Case Co., assignee: *See*—
Muller-Munk, Peter.
Immoor, Alfred F., New York, assignor to Pepsi-Cola Company, Long Island City, N. Y. Combined bottled beverage cooler and newspaper stand or the like. 144,924; June 4.
Imperial Brass Manufacturing Company, The, assignee: *See*—
Ransch, Martin J.
Industrial Electronic Corporation, assignee: *See*—
Blazey, Lawrence E.
Industrial Scientific Company, assignee: *See*—
Tandler, William S., and De Weiss.
Ingalls Shipbuilding Corporation, assignee: *See*—
Leavitt, Clyde M.
Ingram, Thomas R., Glen Ellyn, assignor to Groves Shoe Co., Chicago, Ill. Shoe or similar article. 145,444; Aug. 20.
Ingram, Thomas R., Glen Ellyn, assignor to Groves Shoe Co., Chicago, Ill. Slipper or similar article. 145,445; Aug. 20.
Inland Rubber Corporation, assignee: *See*—
Black, Donald R.

Innes, James, Pelham, L. Cohen, New Rochelle, and L. Spatz, Hempstead, assignors to British-Makes, Inc., New York, N. Y. Latching device. 143,918; Feb. 19.

Insko, Andrew: *See*—
Dubinsky, Jack, and Insko.

International Business Machines Corporation, assignee: *See*—
Kress, George H.

International Plastic Corporation, assignee: *See*—
Preble, Harry, Jr.

International Register Company, assignee: *See*—
Gallagher, William P.

International Silver Company, assignee: *See*—
Conroy, Edward J.
Kintz, Alfred G.

International Standard Electric Corporation, assignee: *See*—
Drakin, Gerald.

Interstate Aircraft and Engineering Corp., assignee: *See*—
Goha, Theodore A.
Hite, Walter A., Harvuot, and Williams.

Irwin, Neel S., Cleveland Heights, Ohio. Sectional display stand unit. 143,659; Jan. 29.

Irwin, Neel S., Cleveland Heights, Ohio. Sectional display counter. 143,660; Jan. 29.

Ischinger, Robert H., Reading, Pa. Cross stand. 144,295; Apr. 2.

Isenberg, Stanley, Chicago, Ill. Faucet spray attachment. 145,985; June 25.

Iwanowicz, Stanley, Detroit, Mich. Combined pencil and eraser. 144,459; Apr. 16.

Jack, Ada L., Los Angeles, Calif. Candy dish or similar article. 144,856; May 28.

Jack & Heintz Precision Industries, Inc., assignee: *See*—
Carlson, Bert G.

Jackson, C. C., assignee: *See*—
Reed, Willie.

Jackson, Edward H., Jr., assignor to The Thomas Jackson and Son Co., Reading, Pa. Sample display device for twine and the like. 145,802; Oct. 22.

Jackson, Thomas, and Son Co., The, assignee: *See*—
Jackson, Edward H., Jr.

Jacobs Bros. Co., Inc., assignee: *See*—
Preble, Harry, Jr.

Jacobson, Alfred M., St. Louis, Mo. Bottle carrier. 144,382; Apr. 9.

Jacobson, Alfred M., Denver, Colo. Clothespin. 145,602; Sept. 17.

Jacobson, Louis, New York, N. Y. Spectacle frame. 146,003; Dec. 3.

Jacobson, Louis, New York, N. Y. Spectacle frame. 146,004; Dec. 3.

Jacoby, Grover J., assignee: *See*—
Jessen, Arnold H.

Jacques Kreisler Manufacturing Corporation, assignee: See—
Speck, Knrt.

Jamestown Metal Equipment Company, Inc., assignee: *See*—
Conterman, Fred A.

Jamouneau, Walter C., assignor to Piper Aircraft Corporation, Lock Haven, Pa. Airplane. 145,446; Aug. 20.

Jantzen Knitting Mills, assignee: *See*—
Wiechmann, Bertê A.

Jarrell, Sanford J., Norfolk, Va. Boot or similar article. 143,425; Jan. 1.

Jarvis Manufacturing Company, assignee: *See*—
Jensen, Volmer S.

Jay Kel Jewelry Co., assignee: *See*—
Stangl, George.

Jenkins, Raymond, New York, assignor, by mesne assignments, to M. Flamm, Forest Hills, N. Y. Radio cabinet. 145,977; Nov. 26.

Jensen, Volmer S., assignor to Jarvis Manufacturing Company, Glendale, Calif. Airplane. 145,086; June 25.

Jergenson, George A., assignor to General Motors Corporation, Detroit, Mich. Railway car body. 144,057; Mar. 5.

Jessen, Arnold H., West Hollywood, Calif., assignor of one-half to G. J. Jacoby, Los Angeles, Calif. Golf stick truck. 143,971; Feb. 26.

Johann, Albert S., Milwaukee, Wis. Hand truck. 143,447; Aug. 20.

Johnson, Charles G., et al., assignee: *See*—
Bruce, Charles E.

Johnson, Clarence L.: *See*—
Hibbard, Hall L., and Johnson.

Johnson, Clarence L., Encino, assignor to Lockheed Aircraft Corporation, Burbank, Calif. Airplane. 143,822; Feb. 12.

Johnson, Booker T., Philadelphia, Pa. Juvenile vehicle. 146,029; Dec. 10.

Johnson, Edward T., Los Angeles, Calif. Portable bar. 144,568; Apr. 30.

Johnson, Ellis M., Chicago, Ill. Combined wall shelf, mirror, and towel bar. 143,595; Jan. 22.

Johnson, Herbert C., Wilmette, Ill. Juice extractor. 147,978; Nov. 26.

Johnson, Leonard F., Arlington, Va. Combination letter opener and paperweight. 146,108; Dec. 24.

Johnston, Halpha G., Fort Worth, Tex. Clasp-on snap fastener. 146,030; Dec. 10.

Jones, Edgar R., assignee: *See*—
Jones, Edgar R., and Lanier.

Jones, Edgar R., and L. T. Lanier, Miami, Fla.; said Lanier assignor to said Jones. Decalcomania sheet. 146,109; Dec. 24.

Jones, George M., Jenkintown Manor, Pa. Knife sharpener. 145,803; Oct. 22.

Jones, Joseph H., assignee: *See*—
Katz, William.

Jones, Ralph W., Sr., assignee: *See*—
Jones, Robert McF.

Jones, Robert McF., Bellevue, Nebr., assignor to R. W. Jones, Sr., St. Paul, Minn. Drill press standard. 145,087; June 25.

Julianelli, Charles A.: *See*—
Julianelli, Mabel and C. A.

Julianelli, Mabel and C. A., New York, N. Y. Shoe. 146,110; Dec. 24.

Juno Products Company, assignee: *See*—
Mills, Charles E.

Joseff, Eugene, Beverly Hills, assignor to Breakfast in Hollywood, Los Angeles, Calif. Ring. 143,596; Jan. 22.

Kaeppel, Bertram A.: *See*—
Biller, David J., and Kaeppel.

Kahler, Chester L., Huntington Beach, Calif. Kitchen utility knife. 144,192; Mar. 19.

Kahn, David, Englewood, assignor to David Kahn, Inc., North Bergen, N. J. Pencil. 144,621; May 7.

Kahn, David, Inc., assignee: *See*—
Kahn, David.

Kahn, Jewel K., assignor to R. W. and C. J. Kerr, co-partners, Hastings, Nebr. Scalp massager. 145,626; Sept. 24.

Kahn, Lester, Glen Ridge, N. J., and M. Rosedale, New York, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Comb or similar article. 143,972; Feb. 26.

Kahn, Lester, Glen Ridge, N. J., and M. Rosedale, New York, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Comb or similar article. 143,973; Feb. 26.

Kahn, Max, New York, N. Y. Mechanical pencil. 145,806; Oct. 22.

Kaiser, John, Jr., assignor to Sheridan Electronics Corp., Chicago, Ill. Radio cabinet. 144,717; May 14.

Kales, Ethel S., Los Angeles, Calif. Printed fabric. 144,383; Apr. 9.

Kales, Ethel S., Los Angeles, Calif. Printed fabric. 144,384; Apr. 9.

Kales, Ethel S., Los Angeles, Calif. Printed fabric. 145,300; July 30.

Kales, Ethel S., Los Angeles, Calif. Printed fabric. 145,846; Oct. 29.

Kall, Karl A., Montrose, Pa., assignor to Link Aviation Devices, Inc., Binghamton, N. Y. Fuselage for grounded aviation trainers. 144,308; Apr. 2.

Kalisher, Benjamin, assignor to Art-Flex Fashions, Poughkeepsie, N. Y. Handbag. 144,925; June 4.

Kalisher, Benjamin, assignor to Art-Flex Fashions, Poughkeepsie, N. Y. Handbag. 145,088; June 25.

Kaltenbach, Irene B., Los Angeles, Calif. Combined lipstick applicator and holder. 144,506; Apr. 23.

Kannglesser, William E., Chicago, Ill. Toy cannon. 143,597; Jan. 22.

Kaphan, Ludwig, Brooklyn, N. Y. Handbag. 144,114; Mar. 12.

Karoff, Robert B., New York, N. Y. Combined bottle and closure. 144,569; Apr. 30.

Karp, Max S., Los Angeles, Calif. Desk or similar article. 143,426; Jan. 1.

Karp, Max S., Los Angeles, Calif. Bookcase or similar article. 143,427; Jan. 1.

Karp, Max S., Los Angeles, Calif. Occasional table. 143,428; Jan. 1.

Karp, Max S., Los Angeles, Calif. Chair. 143,492; Jan. 8.

Karp, Max S., Los Angeles, Calif. Coffee table or similar article. 143,598; Jan. 22.

Karp, Max S., Los Angeles, Calif. Table. 143,599; Jan. 22.

Karp, Max S., Los Angeles, Calif. Table lamp. 145,026; June 18.

Karstadt, Clarence, Glen Ellyn, Ill. Vacuum cleaner casing. 145,215; July 16.

Karstadt, Clarence, Glen Ellyn, Ill. Vacuum cleaner casing. 145,216; July 16.

Kartveli, Alexander, Huntington Station, assignor to Republic Aviation Corporation, near Farmingdale, N. Y. Airplane. 145,898; Nov. 12.

Kartveli, Alexander, Huntington Station, and M. Berkow, Flushing Heights, N. Y., assignor to Republic Aviation Corporation. Airplane. 144,058; Mar. 5.

Kasen, Daniel, Newark, N. J. Button or similar article. 145,173; July 9.

Kass, Henry M., Seattle, Wash. Toy figure. 145,627; Sept. 24.

Kassovic, Stephen, La Salle, Ill. Display cabinet or similar article. 145,027; June 18.

Kastner, Mortimer M., Montreal, Quebec, Canada. Dice box. 144,115; Mar. 12.

Katcher, Morris, New York, N. Y., assignor to Chefford Master Manufacturing Company, Incorporated, Fairfield, Ill. Bicycle generator. 143,919; Feb. 19.

Katopodis, Spiros, Boston, Mass. Combination vanity and incidental case or similar article. 144,193; Mar. 19.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 143,974; Feb. 26.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 143,975; Feb. 26.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Clip or similar article. 143,976; Feb. 26.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch or similar article. 144,116; Mar. 12.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 144,117; Mar. 12.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 144,118; Mar. 12.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 144,194; Mar. 19.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch or similar article. 144,195; Mar. 19.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch or similar article. 144,196; Mar. 19.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch or similar article. 144,197; Mar. 19.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Chatelaine pin or similar article. 144,198; Mar. 19.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 144,926; June 4.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 144,927; June 4.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 144,972; June 11.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 145,250; July 23.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 145,251; July 23.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 145,252; July 23.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 145,253; July 23.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 145,301; July 30.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 145,302; July 30.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 145,525; Sept. 3.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 145,526; Sept. 3.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 145,628; Sept. 24.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 145,629; Sept. 24.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 145,630; Sept. 24.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 145,631; Sept. 24.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 145,632; Sept. 24.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 145,633; Sept. 24.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 145,665; Oct. 1.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 145,666; Oct. 1.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 145,667; Oct. 1.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 145,733; Oct. 15.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 145,847; Oct. 29.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch. 146,031; Dec. 10.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch. 146,032; Dec. 10.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch. 146,033; Dec. 10.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch. 146,034; Dec. 10.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch. 146,035; Dec. 10.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch. 146,036; Dec. 10.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch. 146,037; Dec. 10.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch. 146,038; Dec. 10.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch. 146,039; Dec. 10.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 146,040; Dec. 10.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring or similar article. 146,041; Dec. 10.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring or similar article. 146,042; Dec. 10.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Bracelet. 146,043; Dec. 10.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Bracelet. 146,044; Dec. 10.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Bracelet. 146,045; Dec. 10.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 146,046; Dec. 10.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 146,047; Dec. 10.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch. 146,048; Dec. 10.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 146,049; Dec. 10.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 146,050; Dec. 10.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch. 146,051; Dec. 10.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 146,052; Dec. 10.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Bracelet. 146,053; Dec. 10.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Bracelet. 146,054; Dec. 10.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 146,111; Dec. 24.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Bracelet. 146,112; Dec. 24.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Pin clip or similar article. 146,140; Dec. 31.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch or similar article. 146,141; Dec. 31.

Katz, Betty, New York, N. Y. Combined removable sock and slipper. 144,199; Mar. 19.

Katz, Peter A.: *See*—
Leifer, Philip W., and Katz.

Katz, Samuel, Miami, Fla. Foldable toothbrush. 144,385; Apr. 9.

Katz, William, assignor to E. Lowe, J. H. Jones, F. Emery, and W. Katz, co-partners doing business under the firm name of Kitchen King Products Company, Detroit, Mich. Cup hanger. 143,977; Feb. 26.

Katzman, Elizabeth, New York, N. Y. Footlet or similar article. 144,386; Apr. 9.

Kaufman, Fanny, New York, N. Y. Embroidered trimming. 143,534; Jan. 15.

Kaufman, Fanny, New York, N. Y. Embroidered trimming. 143,535; Jan. 15.

Kaufman, Herman, New York, N. Y. Embroidered trimming. 143,536; Jan. 15.

Kaufman, Herman, New York, N. Y. Embroidered applique or similar article. 144,387; Apr. 9.

Kaufman, Herman, New York, N. Y. Embroidered applique or similar article. 144,388; Apr. 9.

Kaufman, Herman, New York, N. Y. Embroidered applique or similar article. 144,389; Apr. 9.

Kaufman, Louis, New York, N. Y. Handbag. 143,600; Jan. 22.

Kaufman, Louis, New York, N. Y. Handbag. 145,254; July 23.

Kaufman, Maurice: *See*—
Blackhall, Renard M., and Kaufman.

Kaufman, Paul, New York, N. Y. Earring or similar article. 146,142; Dec. 31.

Kaufman, Paul, New York, N. Y. Earring or similar article. 146,143; Dec. 31.
Kaufman, Paul, New York, N. Y. Earring or similar article. 146,144; Dec. 31.
Kaufman, Paul, New York, N. Y. Earring or similar article. 146,145; Dec. 31.
Kaufman, Paul, New York, N. Y. Earring or similar article. 146,146; Dec. 31.
Kaupmann, Frederick, Brooklyn, N. Y., assignor to Ronson Art Metal Works, Inc., Newark, N. J. Cigar lighter or similar article. 145,217; July 16.
Kaupmann, Frederick, Brooklyn, N. Y., assignor to Ronson Art Metal Works, Inc., Newark, N. J. Cigar lighter or similar article. 145,218; July 16.
Kautzman, Erline H., Everett, Wash. Child's bassinet support. 145,448; Aug. 20.
Kawneer Company, The, assignee: *See*—
Ketchum, Morris, Jr.
Kaye, Gerald O.: *See*—
Strauss, Irving, and Kaye.
Kaylon Incorporated, assignee: *See*—
Caplin, Ruth S.
Sebald, Mary
Kaylon Incorporated, assignee: *See*—
Langer, Lena.
Kearney, George F., New York, N. Y. Toy guitar. 145,579; Sept. 10.
Kearney, George L., Tuckahoe, N. Y. Cigarette container. 145,668; Oct. 1.
Keeney, Frances, Kansas City, Kans., assignor to Hall Brothers, Incorporated, Kansas City, Mo. Figurine or similar article. 144,570; Apr. 30.
Keil, Frank J., Queens Village, assignor to N. F. Giordano, Brooklyn, N. Y. Embroidered textile fabric. 145,871; Nov. 5.
Kelper, Harvey M., Frackville, Pa. Medal. 143,735; Feb. 5.
Kelper, Harvey M., Frackville, Pa. Medal. 145,089; June 25.
Kellett Aircraft Corporation, assignee: *See*—
Prewitt, Richard H.
Kelliher, Thomas, assignor to American Metal Crafts Company, Attleboro, Mass. Bracelet. 145,356; Aug. 6.
Kendrick, Laurence W., Wellesley, assignor to The Carter's Ink Company, Cambridge, Mass. Combination desk unit. 145,734; Oct. 15.
Keniat, Clark C., East Orange, assignor to Electric Arc, Inc., Newark, N. J. Arc welding and heat-treating controller. 143,601; Jan. 22.
Kennedy, Thomas W., assignor to B. and T. (Components) Limited, London, England. Electric flatiron. 143,736; Feb. 5.
Kennedy, Thomas W., assignor to B. and T. (Components) Limited, London, England. Electric flatiron. 144,857; May 28.
Kent, Walter J., Williston Park, Long Island, N. Y. Money clip. 146,147; Dec. 31.
Keny, Gebhard W., assignor to Columbus Plastic Products Inc., Columbus, Ohio. Fluid agitating and mixing receptacle or similar article. 143,661; Jan. 29.
Kerr, Charlotte J., assignee, et al.: *See*—
Kahn, Jewel K.
Kerr, John A., Kenmore, and J. A. Mattison, Williamsville, N. Y., assignors to Curtiss-Wright Corporation. Airplane. 145,449; Aug. 20.
Kerr, Raymond W., assignee, et al.: *See*—
Kahn, Jewel K.
Kessel, Johannes B., Chicago, Ill. Food mixer. 145,940; Nov. 19.
Kestler, Ralph, Corona, N. Y. Pin. 145,979; Nov. 26.
Ketchum, Morris, Jr., New York, N. Y., assignor to The Kawneer Company, Niles, Mich. Door or similar article. 143,429; Jan. 1.
Keuffel & Esser Company, assignee: *See*—
Anderson, Robert W.
Bernhard, Lucian.
Keyes, Kenneth, New York, N. Y. Slipper or similar article. 145,482; Aug. 27.
Keyes, Kenneth, New York, N. Y. Slipper or similar article. 145,483; Aug. 27.
Kiam, Omar, New York, N. Y. Fur coat. 143,823; Feb. 12.
Kiam, Omar, New York, N. Y. Fur coat. 143,824; Feb. 12.
Kiddie Seat Corporation, assignee: *See*—
Cohen, Sidney.
Kidner, Charles E., Old Greenwich, Conn. Picture viewer. 144,718; May 14.
Kimsey, Oscar W., Atlanta, Ga. Automobile hat and coat hanger. 143,825; Feb. 12.
King, Anthony B., Brooklyn, and C. L. Martino, Bronx, N. Y. All metal chair. 144,719; May 14.
King, Charles M., Brooklyn, N. Y. Seesaw. 144,200; Mar. 19.
King, Frederick H., Detroit, Mich. Marble game enclosure. 146,005; Dec. 3.
King, Louise Lowndes, Washington, D. C. Dish. 144,296; Apr. 2.
Kinsley, Felix P., St. Louis, Mo. Pendant or the like. 144,297; Apr. 2.
Kintz, Alfred G., Wallingford, assignor to The International Silver Company, Meriden, Conn. Spoon or other article of flatware. 145,580; Sept. 10.
Kirchmer, Albert W. and L. M., St. Louis, Mo. Fluorescent lighting fixture. 145,219; July 16.
Kirchmer, Leo M.: *See*—
Kirchmer, Albert W. and L. M.
Kirkby, Raymond J., Sherman Oaks, Calif., assignor to Adel Precision Products Corp. Housing for petroleum dispensing apparatus. 144,250; Mar. 26.
Kirkell, Leon H., Blairsville, Pa. Cigar and cigarette lighter. 145,484; Aug. 27.
Kirsch, Louis, Brooklyn, N. Y. Clothes hanger. 143,826; Feb. 12.
Kirsch, Louis, Brooklyn, N. Y. Clothes hanger. 143,827; Feb. 12.
Kirsch, Louis, Brooklyn, N. Y. Clothes hanger. 143,828; Feb. 12.
Kirsch, Louis, Brooklyn, N. Y. Clothes hanger. 143,829; Feb. 12.
Kirsch, Louis, Brooklyn, N. Y. Clothes hanger. 143,830; Feb. 12.
Kirsch, Louis, Brooklyn, N. Y. Clothes hanger. 143,831; Feb. 12.
Kissling, Edmund D., New York, N. Y. Plastic utility table. 145,220; July 16.
Kissling, Edmund D., New York, N. Y. Stand. 145,735; Oct. 15.
Kissling, Edmund D., New York, N. Y. Lamp stand or the like. 145,899; Nov. 12.
Kissling, Edmund D., New York, N. Y. Table. 145,941; Nov. 19.
Kissling, Edmund D., New York, N. Y. Utility table. 145,942; Nov. 19.
Kitchen King Products Company, *See*—
Katz, William.
Klages, Louis G., Arlington Heights, Ill. Violin or similar article. 146,148; Dec. 31.
Klassen, Walter J.: *See*—
Browne, Herschel O., and Klassen.
Klay, Darryl, Newark, N. J., assignor of one-third to J. G. Broady, New York, N. Y. Clock. 144,720; May 14.
Klein, Harry R., Chicago, Ill. Faucet spray attachment. 143,737; Feb. 5.
Klein, Harry R., Chicago, Ill. Faucet spray attachment. 143,738; Feb. 5.
Kleinberg, Benjamin W., New York, N. Y. Game apparatus. 144,201; Mar. 19.
Klemme, Roland M., assignee: *See*—
Miller, Fred A.
Klompus, William M., assignee: *See*—
Hill, Joseph A.
Kloss, Emma E., Chicago, Ill. Game board. 144,571; Apr. 30.
Kniep, Louis: *See*—
Sherman, Vernon W., Kniep, and Rothaug.
Knisely, Virgil M., assignor to Gro-Cord Rubber Company, Lima, Ohio. Shoe sole. 145,943; Nov. 19.
Knisely, Virgil M., assignor to Gro-Cord Rubber Company, Lima, Ohio. Shoe sole. 145,944; Nov. 19.
Knudsen, Charlotte, Burlingame, Calif. Bandeau. 143,493; Jan. 8.
Koch, John B., assignor to American Blower Corporation, Detroit, Mich. Unit heater. 144,721; May 14.
Kohen, Jack J., South Bend, Ind. Clothes hamper. 144,791; May 21.
Kohen, Jack J., South Bend, Ind. Clothes hamper. 144,792; May 21.
Kolacy, Charles M., Bloomfield, N. J. Table. 146,006; Dec. 3.
Kolonics, Andrew J., New York, N. Y. Hammock body or the like. 145,303; July 30.
Kolonics, Andrew J., New York, N. Y. Hammock body or the like. 145,304; July 30.
Kolonics, Andrew J., New York, N. Y. Hammock body or the like. 145,305; July 30.
Kolonics, Andrew J., New York, N. Y. Hammock body or the like. 145,306; July 30.
Kono, Ken Y., Riverside, Calif. Wooden slipper or similar article. 145,090; June 25.
Koonz, Frederick W., Bernardston, assignor to Rogers, Lunt & Bowlen Company, Greenfield, Mass. Spoon or similar article. 144,390; Apr. 9.
Koppers Company, Inc., assignee: *See*—
Deskey, Donald.
Korda, Gerard V.: *See*—
Engel, Elmer G., Scott, and Korda.
Korengold, John A., Chicago, Ill. Combined medical hand light and tongue depressor. 143,662; Jan. 29.
Koret, Joe, San Francisco, Calif. Textile fabric or similar article. 145,485; Aug. 27.
Korman, Arnold F., Brooklyn, N. Y. Toy xylophone. 146,055; Dec. 10.
Korn, William T., New York, N. Y. Combined figured cigarette container and music box. 143,602; Jan. 22.
Korn, William T., New York, N. Y. Combined vanity and cigarette case. 143,663; Jan. 29.
Korn William T., New York, N. Y. Combined cigarette dispenser and match holder. 144,622; May 7.
Korrol, Irving, Brooklyn, N. Y. Radio chassis blank base or the like. 144,858; May 28.
Kowal, Jack, New York, N. Y. Combined heel and platform for a shoe or similar article. 144,460; Apr. 16.
Kramer Sidney, New York, N. Y. Dress. 143,832; Feb. 12.

Kramer, Sidney, New York, N. Y. Dress. 144,461; Apr. 16.
Kraner, Florian G., assignor to Fred Langfelder Company, Inc., New York, N. Y. Crèche. 143,430; Jan. 1.
Kraus, Ralph, New York, N. Y. Folding picture frame or similar article. 145,669; Oct. 1.
Kreidler, James J., Huntington Park, Calif. Lighting fixture globe. 144,251; Mar. 26.
Kreisler, Jacques, Manufacturing Corporation, assignee: *See*—
Diehl, William.
Speck, Kurt.
Krell, Isaac, New Haven, Conn. Ring. 145,091; June 25.
Kress, George H., Johnson City, assignor to International Business Machines Corporation, New York, N. Y. Typewriter. 145,450; Aug. 20.
Krim, Norman B., Newton Highlands, assignor to Raytheon Manufacturing Company, Newton, Mass. Electron discharge tube. 143,603; Jan. 22.
Kritske, Jeanette M.: *See*—
Kritske, Victor J. and J. M.
Kritske, Victor J. and J. M., Sheboygan, Wis., assignors of one-half to W. H. Murphy, Chicago, Ill. Fluffed yarn animal figure. 145,634; Sept. 24.
Kroto, Hans J., Cambridge, Mass. Shoe or similar article. 145,670; Oct. 1.
Kruck, Ralph E., Longmeadow, assignor to Florence Stove Company, Gardner, Mass. Range. 145,736; Oct. 15.
Krueger, Theodore H., Stratford, Conn., assignor to Better Packages, Inc. Adhesive tape dispenser. 144,391; Apr. 9.
Krueger, Theodore H., Stratford, Conn., assignor to Better Packages, Inc. Adhesive tape dispenser. 144,392; Apr. 9.
Kruger, Maurice J., Kew Gardens Hills, assignor to Kruger-Ressner, New York, N. Y. Handbag. 143,920; Feb. 19.
Kruger-Ressner, assignee: *See*—
Kruger, Maurice J.
Kubista, Charles L., Owatonna, Minn. Poultry fountain. 143,604; Jan. 22.
Kulling, Rudolph C., Chicago, Ill. Cigarette butt snuffer or similar article. 144,793; May 21.
Kuntz, Robert F., Santa Monica, Calif. Toy vehicle. 145,737; Oct. 15.
Kuznetz, Samuel, New York, N. Y. Lady's suit. 144,298; Apr. 2.
Kuznetz, Samuel, New York, N. Y. Lady's suit. 144,299; Apr. 2.
Kuznetz, Samuel, New York, N. Y. Lady's suit. 144,393; Apr. 9.
Kuznetz, Samuel, New York, N. Y. Lady's suit. 144,973; June 11.
Kuznetz, Samuel, New York, N. Y. Lady's suit. 144,974; June 11.
Labich, Fred O., Evanston, Ill. Bottle opener. 145,635; Sept. 24.
Lactona Incorporated, assignee: *See*—
Millard, Glen E.
Laird, William A., South Gate, Calif. Pliers wrench. 143,921; Feb. 19.
Lakewood Mfg. Co.: *See*—
Dodegge, Carl.
Lamancusa, Salvatore J.: *See*—
Catanzarite, Patsy G., and Lamancusa.
Lamberg, Albert E., Fillmore, Calif. Clock. 145,872; Nov. 5.
Lambert, Robert, Fullerton, Nebr. Watch bracelet. 145,357; Aug. 6.
Lamm, Ernest H., San Antonio, Tex. Child's combined table and chair. 143,494; Jan. 8.
Landers, Frary & Clark, assignee: *See*—
Sundberg, Carl W.
Landis, Bess S., assignee: *See*—
Robinette, Howard C.
Landis, Bess S., executrix: *See*—
Landis, Hugh G.
Landis, Hugh G., deceased, by B. S. Landis, executrix, Los Angeles, Calif. Electric heater. 144,722; May 14.
Langbert, H. Thomas, New York, N. Y. Dress. 145,807; Oct. 22.
Lange, Albert, New York, N. Y. Towel or similar article. 145,307; July 30.
Lange, Albert, New York, N. Y. Towel or similar article. 145,308; July 30.
Lange, Albert, New York, N. Y. Towel or similar article. 145,309; July 30.
Lange, Albert, New York, N. Y. Towel or similar article. 145,310; July 30.
Lange, Albert, New York, N. Y. Towel or similar article. 145,396; Aug. 13.
Lange, Albert, New York, N. Y. Towel or similar article. 145,397; Aug. 13.
Lange, Albert, New York, N. Y. Towel or similar article. 145,398; Aug. 13.
Lange, Albert, New York, N. Y. Towel or similar article. 145,399; Aug. 13.
Lange, Albert, New York, N. Y. Towel or similar article. 145,400; Aug. 13.
Lange, Albert, New York, N. Y. Towel or similar article. 145,401; Aug. 13.
Lange, Albert, New York, N. Y. Towel or similar article. 145,402; Aug. 13.
Lange, Albert, New York, N. Y. Towel or similar article. 145,403; Aug. 13.
Lange, Albert, New York, N. Y. Towel or similar article. 145,581; Sept. 10.
Lange, Albert, New York, N. Y. Towel or similar article. 145,582; Sept. 10.
Langer, Lena, assignor to Kaylon Incorporated, New York, N. Y. Fabric. 145,671; Oct. 1.
Langfelder, Fred, Company, Inc., assignee: *See*—
Kraner, Florian G.
Lanier, Lewis T.: *See*—
Jones, Edgar R., and Lanier.
Lantz, Walter, Universal City, Calif. Toy animal figure or the like. 143,664; Jan. 29.
La Pidus, Louis, Brooklyn, N. Y. Drafting table. 145,808; Oct. 22.
Lapin, Samuel, New York, N. Y. Combined spoon and fork. 143,431; Jan. 1.
La Plant-Choate Mfg. Co. Inc.: *See*—
Rockwell, Harvey W.
La Poff, Harry S., assignee: *See*—
Hale, Frank R.
Larkin, Richard W., Bell, Calif. Vehicle toy. 145,945; Nov. 19.
Larsen, Agnew, E.: *See*—
Pecker, Joseph S., and Larsen.
Larson, Charles O., Sterling, Ill. Table lamp. 145,946; Nov. 19.
Larson, Karl O., Minneapolis, Minn. Table. 145,947; Nov. 19.
Larson, Karl O., Minneapolis, Minn. Desk. 145,948; Nov. 19.
Lasar, William, Los Angeles, Calif. Base for band saws. 144,394; Apr. 9.
Lasar, William, Los Angeles, Calif. Band saw. 144,723; May 14.
Lash, Rose, Bronx, N. Y. Blouse or the like. 144,252; Mar. 26.
Laskin, Louis J., Los Angeles, Calif. Hat. 144,395; Apr. 9.
Laskowitz, Joseph F., St. Louis, Mo. Chair lounge. 145,092; June 25.
Laszlo, Margit F., assignor to Cole of California Inc., Los Angeles, Calif. Combined swim and play suit. 144,396; Apr. 9.
Laszlo, Margit F., assignor to Cole of California Inc., Los Angeles, Calif. Swimming suit or the like. 145,174; July 9.
Laurie, Morris J.: *See*—
Crompton, William, and Laurie.
Lawrence, Benjamin E., Chicago, Ill. Hygrometer. 143,432; Jan. 1.
Lazarus, Hettye, New York, N. Y. Hat or similar article. 144,119; Mar. 12.
Leader, Herbert H., Irondequoit, assignor to Weber Machine Corporation, Rochester, N. Y. Casing for a sound head for a motion picture projector. 143,665; Jan. 29.
Leavitt, Clyde M., Pascagoula, Miss., assignor to Ingalls Shipbuilding Corporation. Deck house. 144,059; Mar. 5.
Leavitt, Clyde M., Pascagoula, Miss., assignor to Ingalls Shipbuilding Corporation. Deck house for a ship. 145,451; Aug. 20.
Lebens, Jeannette L., University City, Mo. Thimble. 144,397; Apr. 9.
Le Bouedec, Francine, New York, N. Y. Hat. 143,739; Feb. 5.
Le Bouedec, Francine, New York, N. Y. Hat. 143,833; Feb. 12.
Le Bouedec, Francine, New York, N. Y. Hat. 143,834; Feb. 12.
Lee, Robert T., Los Angeles, Calif., assignor to Edgar C. Hyman Co., New York, N. Y. Scarf. 145,311; July 30.
Leeb, Martin, Chicago, Ill. Child's vehicle. 144,975; June 11.
Leeberg, Edward, Roselle, N. J. Ash tray or the like. 148,835; Feb. 12.
Leech, Aubrey B., Los Angeles, Calif. Animated eye exerciser. 143,433; Jan. 1.
Lefebre, Edward A., Jamaica, N. Y. Cigarette rest. 143,836; Feb. 12.
Le Febvre, Alfred L., Windsor, assignor to The Fuller Brush Company, Hartford, Conn. Floor brush. 143,537; Jan. 15.
Le Graffe, John, Beverley Hills, Calif. Waiter's tray. 146,134; Dec. 31.
Leifer, Philip W., and P. A. Katz, New York, N. Y. Handbag frame. 144,060; Mar. 5.
Leiman Bros., Inc., assignee: *See*—
Bogert, Ormonde, and Hewitt.
LeKashman, Lawrence: *See*—
Carduner, William, and LeKashman.
Lelong, Lucien, Inc., assignee: *See*—
Buckingham, John D.
Di Verdura, Fulco.
Lerch, John B., Los Angeles, Calif. Lawn sprinkler. 145,221; July 16.
Lerman, Ben, Chicago, Ill. Clock. 143,538; Jan. 15.
Lerman, Ben, Chicago, Ill. Clock. 146,083; Dec. 17.
Lerman, Ben, Chicago, Ill. Clock. 146,084; Dec. 17.

Innes, James, Pelham, L. Cohen, New Rochelle, and L. Spatz, Hempstead, assignors to British-Makes, Inc., New York, N. Y. Latching device. 143,918; Feb. 19.

Insko, Andrew: *See*—
Dubinsky, Jack, and Insko.

International Business Machines Corporation, assignee: *See*—
Kress, George H.

International Plastic Corporation, assignee: *See*—
Preble, Harry, Jr.

International Register Company, assignee: *See*—
Gallagher, William P.

International Silver Company, assignee: *See*—
Conroy, Edward J.
Kintz, Alfred G.

International Standard Electric Corporation, assignee: *See*—
Deakin, Gerald.

Interstate Aircraft and Engineering Corp., assignee: *See*—
Grohs, Theodore A.
Hite, Walter A., Harvuot, and Williams.

Irwin, Neel S., Cleveland Heights, Ohio. Sectional display stand unit. 143,659; Jan. 29.

Irwin, Neel S., Cleveland Heights, Ohio. Sectional display counter. 143,660; Jan. 29.

Ischinger, Robert H., Reading, Pa. Cross stand. 144,295; Apr. 2.

Isenberg, Stanley, Chicago, Ill. Faucet spray attachment. 145,085; June 25.

Iwanowicz, Stanley, Detroit, Mich. Combined pencil and eraser. 144,459; Apr. 16.

Jack, Ada L., Los Angeles, Calif. Candy dish or similar article. 144,856; May 28.

Jack & Heintz Precision Industries, Inc., assignee: *See*—
Carlson, Bert G.

Jackson, C. C., assignee: *See*—
Reed, Willie.

Jackson, Edward H., Jr., assignor to The Thomas Jackson and Son Co., Reading, Pa. Sample display device for twine and the like. 145,802; Oct. 22.

Jackson, Thomas, and Son Co., The, assignee: *See*—
Jackson, Edward H., Jr.

Jacobs Bros. Co., Inc., assignee: *See*—
Preble, Harry, Jr.

Jacobson, Alfred M., St. Louis, Mo. Bottle carrier. 144,382; Apr. 9.

Jacobson, Alfred M., Denver, Colo. Clothespin. 145,602; Sept. 17.

Jacobson, Louis, New York, N. Y. Spectacle frame. 146,003; Dec. 3.

Jacobson, Louis, New York, N. Y. Spectacle frame. 146,004; Dec. 3.

Jacoby, Grover J., assignee: *See*—
Jessen, Arnold H.

Jacques Kreisler Manufacturing Corporation, assignee: See—
Speck, Kurt.

Jamestown Metal Equipment Company, Inc., assignee: *See*—
Conterman, Fred A.

Jamouneau, Walter C., assignor to Piper Aircraft Corporation, Lock Haven, Pa. Airplane. 145,446; Aug. 20.

Jantzen Knitting Mills, assignee: *See*—
Wiechmann, Berté A.

Jarrell, Sanford J., Norfolk, Va. Boot or similar article. 143,425; Jan. 1.

Jarvis Manufacturing Company, assignee: *See*—
Jensen, Volmer S.

Jay Kel Jewelry Co., assignee: *See*—
Stangl, George.

Jenkins, Raymond, New York, assignor, by mesne assignments, to M. Flamm, Forest Hills, N. Y. Radio cabinet. 145,977; Nov. 26.

Jensen, Volmer S., assignor to Jarvis Manufacturing Company, Glendale, Calif. Airplane. 145,086; June 25.

Jergenson, George A., assignor to General Motors Corporation, Detroit, Mich. Railway car body. 144,057; Mar. 5.

Jessen, Arnold H., West Hollywood, Calif., assignor of one-half to G. J. Jacoby, Los Angeles, Calif. Golf stick truck. 143,971; Feb. 26.

Johann, Albert S., Milwaukee, Wis. Hand truck. 145,447; Aug. 20.

Johnson, Charles G., et al., assignee: *See*—
Bruce, Charles E.

Johnson, Clarence L.: *See*—
Hibbard, Hall L., and Johnson.

Johnson, Clarence L., Encino, assignor to Lockheed Aircraft Corporation, Burbank, Calif. Airplane. 143,822; Feb. 12.

Johnson, Booker T., Philadelphia, Pa. Juvenile vehicle. 146,029; Dec. 10.

Johnson, Edward T., Los Angeles, Calif. Portable bar. 144,568; Apr. 30.

Johnson, Ellis M., Chicago, Ill. Combined wall shelf, mirror, and towel bar. 143,595; Jan. 22.

Johnson, Herbert C., Wilmette, Ill. Juice extractor. 145,978; Nov. 26.

Johnson, Leonard F., Arlington, Va. Combination letter opener and paperweight. 146,108; Dec. 24.

Johnston, Halphia G., Fort Worth, Tex. Clasp-on snap fastener. 146,030; Dec. 10.

Jones, Edgar R., assignee: *See*—
Jones, Edgar R., and Lanier.

Jones, Edgar R., and L. T. Lanier, Miami, Fla.; said Lanier assignor to said Jones. Decalcomania sheet. 146,109; Dec. 24.

Jones, George M., Jenkintown Manor, Pa. Knife sharpener. 145,803; Oct. 22.

Jones, Joseph H., assignee: *See*—
Katz, William.

Jones, Ralph W., Sr., assignee: *See*—
Jones, Robert McF.

Jones, Robert McF., Bellevue, Nebr., assignor to R. W. Jones, Sr., St. Paul, Minn. Drill press standard. 145,087; June 25.

Julianelli, Charles A.: *See*—
Julianelli, Mabel and C. A.

Julianelli, Mabel and C. A., New York, N. Y. Shoe. 146,110; Dec. 24.

Juno Products Company, assignee: *See*—
Mills, Charles E.

Joseff, Eugene, Beverly Hills, assignor to Breakfast in Hollywood, Los Angeles, Calif. Ring. 143,596; Jan. 22.

Kaeppel, Bertram A.: *See*—
Biller, David J., and Kaeppel.

Kahler, Chester L., Huntington Beach, Calif. Kitchen utility knife. 144,192; Mar. 19.

Kahn, David, Englewood, assignor to David Kahn, Inc., North Bergen, N. J. Pencil. 144,621; May 7.

Kahn, David, Inc., assignee: *See*—
Kahn, David.

Kahn, Jewel K., assignor to R. W. and C. J. Kerr, co-partners, Hastings, Nebr. Scalp massager. 145,626; Sept. 24.

Kahn, Lester, Glen Ridge, N. J., and M. Rosedale, New York, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Comb or similar article. 143,972; Feb. 26.

Kahn, Lester, Glen Ridge, N. J., and M. Rosedale, New York, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Comb or similar article. 143,973; Feb. 26.

Kahn, Max, New York, N. Y. Mechanical pencil. 145,806; Oct. 22.

Kaiser, John, Jr., assignor to Sheridan Electronics Corp., Chicago, Ill. Radio cabinet. 144,717; May 14.

Kales, Ethel S., Los Angeles, Calif. Printed fabric. 144,383; Apr. 9.

Kales, Ethel S., Los Angeles, Calif. Printed fabric. 144,384; Apr. 9.

Kales, Ethel S., Los Angeles, Calif. Printed fabric. 145,300; July 30.

Kales, Ethel S., Los Angeles, Calif. Printed fabric. 145,846; Oct. 29.

Kail, Karl A., Montrose, Pa., assignor to Link Aviation Devices, Inc., Binghamton, N. Y. Fuselage for grounded aviation trainers. 144,308; Apr. 2.

Kallsher, Benjamin, assignor to Art-Flex Fashions, Poughkeepsie, N. Y. Handbag. 144,925; June 4.

Kalisher, Benjamin, assignor to Art-Flex Fashions, Poughkeepsie, N. Y. Handbag. 145,088; June 25.

Kaltenbach, Irene B., Los Angeles, Calif. Combined lipstick applicator and holder. 144,506; Apr. 23.

Kanngiesser, William E., Chicago, Ill. Toy cannon. 143,597; Jan. 22.

Kaphan, Ludwig, Brooklyn, N. Y. Handbag. 144,114; Mar. 12.

Karoff, Robert B., New York, N. Y. Combined bottle and closure. 144,569; Apr. 30.

Karp, Max S., Los Angeles, Calif. Desk or similar article. 143,426; Jan. 1.

Karp, Max S., Los Angeles, Calif. Bookcase or similar article. 143,427; Jan. 1.

Karp, Max S., Los Angeles, Calif. Occasional table. 143,428; Jan. 1.

Karp, Max S., Los Angeles, Calif. Chair. 143,492; Jan. 8.

Karp, Max S., Los Angeles, Calif. Coffee table or similar article. 143,598; Jan. 22.

Karp, Max S., Los Angeles, Calif. Table. 143,599; Jan. 22.

Karp, Max S., Los Angeles, Calif. Table lamp. 145,026; June 18.

Karstadt, Clarence, Glen Ellyn, Ill. Vacuum cleaner casing. 145,215; July 16.

Karstadt, Clarence, Glen Ellyn, Ill. Vacuum cleaner casing. 145,216; July 16.

Kartvell, Alexander, Huntington Station, assignor to Republic Aviation Corporation, near Farmingdale, N. Y. Airplane. 145,898; Nov. 12.

Kartvell, Alexander, Huntington Station, and M. Berkow, Flushing Heights, N. Y., assignor to Republic Aviation Corporation. Airplane. 144,058; Mar. 5.

Kasen, Daniel, Newark, N. J. Button or similar article. 145,173; July 9.

Kass, Henry M., Seattle, Wash. Toy figure. 145,627; Sept. 24.

Kassovic, Stephen, La Salle, Ill. Display cabinet or similar article. 145,027; June 18.

Kastner, Mortimer M., Montreal, Quebec, Canada. Dice box. 144,115; Mar. 12.

Katcher, Morris, New York, N. Y., assignor to Chefford Master Manufacturing Company, Incorporated, Fairfield, Ill. Bicycle generator. 143,919; Feb. 19.

Katopodis, Spiros, Boston, Mass. Combination vanity and incidental case or similar article. 144,193; Mar. 19.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 143,974; Feb. 26.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 143,975; Feb. 26.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Clip or similar article. 143,976; Feb 26.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch or similar article. 144,116; Mar. 12.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 144,117; Mar. 12.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 144,118; Mar. 12.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 144,194; Mar. 19.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch or similar article. 144,195; Mar. 19.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch or similar article. 144,196; Mar. 19.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch or similar article. 144,197; Mar. 19.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Chatelaine pin or similar article. 144,198; Mar. 19.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 144,926; June 4.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 144,927; June 4.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 144,972; June 11.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 145,250; July 23.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 145,251; July 23.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 145,252; July 23.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 145,253; July 23.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 145,301; July 30.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 145,302; July 30.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 145,525; Sept. 3.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 145,526; Sept. 3.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 145,628; Sept. 24.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 145,629; Sept. 24.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 145,630; Sept. 24.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 145,631; Sept. 24.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 145,632; Sept. 24.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 145,633; Sept. 24.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 145,665; Oct. 1.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 145,666; Oct. 1.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 145,667; Oct. 1.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 145,733; Oct. 15.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article 145,847; Oct. 29.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch. 146,031; Dec. 10.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch. 146,032; Dec. 10.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch. 146,033; Dec. 10.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch. 146,034; Dec. 10.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch. 146,035; Dec. 10.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch. 146,036; Dec. 10.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch. 146,037; Dec. 10.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch. 146,038; Dec. 10.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch. 146,039; Dec. 10.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 146,040; Dec. 10.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring or similar article. 146,041; Dec. 10.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring or similar article. 146,042; Dec. 10.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Bracelet. 146,043; Dec. 10.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Bracelet. 146,044; Dec. 10.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Bracelet. 146,045; Dec. 10.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 146,046; Dec. 10.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 146,047; Dec. 10.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch. 146,048; Dec. 10.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 146,049; Dec. 10.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 146,050; Dec. 10.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch. 146,051; Dec. 10.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 146,052; Dec. 10.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Bracelet. 146,053; Dec. 10.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Bracelet. 146,054; Dec. 10.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 146,111; Dec. 24.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Bracelet. 146,112; Dec. 24.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Pin clip or similar article. 146,140; Dec. 31.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch or similar article. 146,141; Dec. 31.

Katz, Betty, New York, N. Y. Combined removable sock and slipper. 144,199; Mar. 19.

Katz, Peter A.: *See*—
Leifer, Phillip W., and Katz.

Katz, Samuel, Miami, Fla. Foldable toothbrush. 144,385; Apr. 9.

Katz, William, assignor to E. Lowe, J. H. Jones, F. Emery, and W. Katz, co-partners doing business under the firm name of Kitchen King Products Company, Detroit, Mich. Cup hanger. 143,977; Feb. 26.

Katzman, Elizabeth, New York, N. Y. Footlet or similar article. 144,386; Apr. 9.

Kaufman, Fanny, New York, N. Y. Embroidered trimming. 143,534; Jan. 15.

Kaufman, Fanny, New York, N. Y. Embroidered trimming. 143,535; Jan. 15.

Kaufman, Herman, New York, N. Y. Embroidered trimming. 143,536; Jan. 15.

Kaufman, Herman, New York, N. Y. Embroidered applique or similar article. 144,387; Apr. 9.

Kaufman, Herman, New York, N. Y. Embroidered applique or similar article. 144,388; Apr. 9.

Kaufman, Herman, New York, N. Y. Embroidered applique or similar article. 144,389; Apr. 9.

Kaufman, Louis, New York, N. Y. Handbag. 143,600; Jan. 22.

Kaufman, Louis, New York, N. Y. Handbag. 145,254; July 23.

Kaufman, Maurice: *See*—
Blackhall, Renard M., and Kaufman.

Kaufman, Paul, New York, N. Y. Earring or similar article. 146,142; Dec. 31.

Kaufman, Paul, New York, N. Y. Earring or similar article. 146,143; Dec. 31.
Kaufman, Paul, New York, N. Y. Earring or similar article. 146,144; Dec. 31.
Kaufman, Paul, New York, N. Y. Earring or similar article. 146,145; Dec. 31.
Kaufman, Paul, New York, N. Y. Earring or similar article. 146,146; Dec. 31.
Kaupmann, Frederick, Brooklyn, N. Y., assignor to Ronson Art Metal Works, Inc., Newark, N. J. Cigar lighter or similar article. 145,217; July 16.
Kaupmann, Frederick, Brooklyn, N. Y., assignor to Ronson Art Metal Works, Inc., Newark, N. J. Cigar lighter or similar article. 145,218; July 16.
Kautzman, Erline H., Everett, Wash. Child's bassinet support. 145,448; Aug. 20.
Kawneer Company, The, assignee: *See*—
Ketchum, Morris, Jr.
Kaye, Gerald O.: *See*—
Strauss, Irving, and Kaye.
Kaylon Incorporated, assignee: *See*—
Caplin, Ruth S.
Sebald, Mary.
Kaylon Incorporated, assignee: *See*—
Langer, Lena.
Kearney, George F., New York, N. Y. Toy guitar. 145,579; Sept. 10.
Kearney, George L., Tuckahoe, N. Y. Cigarette container. 145,668; Oct. 1.
Keeney, Frances, Kansas City, Kans., assignor to Hall Brothers, Incorporated, Kansas City, Mo. Figurine or similar article. 144,570; Apr. 30.
Keil, Frank J., Queens Village, assignor to N. F. Giordano, Brooklyn, N. Y. Embroidered textile fabric. 145,871; Nov. 5.
Kelper, Harvey M., Frackville, Pa. Medal. 143,735; Feb. 5.
Kelper, Harvey M., Frackville, Pa. Medal. 145,089; June 25.
Kellett Aircraft Corporation, assignee: *See*—
Prewitt, Richard H.
Kelliher, Thomas, assignor to American Metal Crafts Company, Attleboro, Mass. Bracelet. 145,356; Aug. 6.
Kendrick, Laurence W., Wellesley, assignor to The Carter's Ink Company, Cambridge, Mass. Combination desk unit. 145,734; Oct. 15.
Kenlan, Clark C., East Orange, assignor to Electric Arc, Inc., Newark, N. J. Arc welding and heat-treating controller. 143,601; Jan. 22.
Kennedy, Thomas W., assignor to B. and T. (Components) Limited, London, England. Electric flatiron. 143,736; Feb. 5.
Kennedy, Thomas W., assignor to B. and T. (Components) Limited, London, England. Electric flatiron. 144,857; May 28.
Kent, Walter J., Williston Park, Long Island, N. Y. Money clip. 146,147; Dec. 31.
Keny, Gebhard W., assignor to Columbus Plastic Products Inc., Columbus, Ohio. Fluid agitating and mixing receptacle or similar article. 143,661; Jan. 29.
Kerr, Charlotte J., assignee, et al.: *See*—
Kahn, Jewel K.
Kerr, John A., Kenmore, and J. A. Mattison, Williamsville, N. Y., assignors to Curtiss-Wright Corporation. Airplane. 145,449; Aug. 20.
Kerr, Raymond W., assignee, et al.: *See*—
Kahn, Jewel K.
Kessel, Johannes B., Chicago, Ill. Food mixer. 145,940; Nov. 19.
Kestler, Ralph, Corona, N. Y. Pin. 145,979; Nov. 26.
Ketchum, Morris, Jr., New York, N. Y., assignor to The Kawneer Company, Niles, Mich. Door or similar article. 143,429; Jan. 1.
Keuffel & Esser Company, assignee: *See*—
Anderson, Robert W.
Bernhard, Lucian.
Keyes, Kenneth, New York, N. Y. Slipper or similar article. 145,482; Aug. 27.
Keyes, Kenneth, New York, N. Y. Slipper or similar article. 145,483; Aug. 27.
Klam, Omar, New York, N. Y. Fur coat. 143,823; Feb. 12.
Klam, Omar, New York, N. Y. Fur coat. 143,824; Feb. 12.
Kiddie Seat Corporation, assignee: *See*—
Cohen, Sidney.
Kidner, Charles E., Old Greenwich, Conn. Picture viewer. 144,718; May 14.
Kimsey, Oscar W., Atlanta, Ga. Automobile hat and coat hanger. 143,825; Feb. 12.
King, Anthony B., Brooklyn, and C. L. Martino, Bronx, N. Y. All metal chair. 144,719; May 14.
King, Charles M., Brooklyn, N. Y. Seesaw. 144,200; Mar. 19.
King, Frederick H., Detroit, Mich. Marble game enclosure. 146,005; Dec. 3.
King, Louise Lowndes, Washington, D. C. Dish. 144,296; Apr. 2.
Kinsley, Felix P., St. Louis, Mo. Pendant or the like. 144,297; Apr. 2.
Kintz, Alfred G., Wallingford, assignor to The International Silver Company, Meriden, Conn. Spoon or other article of flatware. 145,580; Sept. 10.
Kirchmer, Albert W. and L. M., St. Louis, Mo. Fluorescent lighting fixture. 145,219; July 16.
Kirchmer, Leo M.: *See*—
Kirchmer, Albert W. and L. M.
Kirkby, Raymond J., Sherman Oaks, Calif., assignor to Adel Precision Products Corp. Housing for petroleum dispensing apparatus. 144,250; Mar. 26.
Kirkell, Leon H., Blairsville, Pa. Cigar and cigarette lighter. 145,484; Aug. 27.
Kirsch, Louis, Brooklyn, N. Y. Clothes hanger. 143,826; Feb. 12.
Kirsch, Louis, Brooklyn, N. Y. Clothes hanger. 143,827; Feb. 12.
Kirsch, Louis, Brooklyn, N. Y. Clothes hanger. 143,828; Feb. 12.
Kirsch, Louis, Brooklyn, N. Y. Clothes hanger. 143,829; Feb. 12.
Kirsch, Louis, Brooklyn, N. Y. Clothes hanger. 143,830; Feb. 12.
Kirsch, Louis, Brooklyn, N. Y. Clothes hanger. 143,831; Feb. 12.
Kissling, Edmund D., New York, N. Y. Plastic utility table. 145,220; July 16.
Kissling, Edmund D., New York, N. Y. Stand. 145,735; Oct. 15.
Kissling, Edmund D., New York, N. Y. Lamp stand or the like. 145,899; Nov. 12.
Kissling, Edmund D., New York, N. Y. Table. 145,941; Nov. 19.
Kissling, Edmund D., New York, N. Y. Utility table. 145,942; Nov. 19.
Kitchen King Products Company, *See*—
Katz, William.
Klages, Louis G., Arlington Heights, Ill. Violin or similar article. 146,148; Dec. 31.
Klassen, Walter J.: *See*—
Browne, Herschel O., and Klassen.
Klay, Darryl, Newark, N. J., assignor of one-third to J. G. Broady, New York, N. Y. Clock. 144,720; May 14.
Klein, Harry R., Chicago, Ill. Faucet spray attachment. 143,737; Feb. 5.
Klein, Harry R., Chicago, Ill. Faucet spray attachment. 143,738; Feb. 5.
Kleinberg, Benjamin W., New York, N. Y. Game apparatus. 144,201; Mar. 19.
Klemme, Roland M., assignee: *See*—
Miller, Fred A.
Klompus, William M., assignee: *See*—
Hill, Joseph A.
Kloss, Emma E., Chicago, Ill. Game board. 144,571; Apr. 30.
Knlep, Louis: *See*—
Sherman, Vernon W., Knlep, and Rothaug.
Knisely, Virgil M., assignor to Gro-Cord Rubber Company, Lima, Ohio. Shoe sole. 145,943; Nov. 19.
Knisely, Virgil M., assignor to Gro-Cord Rubber Company, Lima, Ohio. Shoe sole. 145,944; Nov. 19.
Knudsen, Charlotte, Burlingame, Calif. Bandeau. 143,493; Jan. 8.
Koch, John B., assignor to American Blower Corporation, Detroit, Mich. Unit heater. 144,721; May 14.
Kohen, Jack J., South Bend, Ind. Clothes hamper. 144,791; May 21.
Kohen, Jack J., South Bend, Ind. Clothes hamper. 144,792; May 21.
Kolacy, Charles M., Bloomfield, N. J. Table. 146,006; Dec. 3.
Kolonics, Andrew J., New York, N. Y. Hammock body or the like. 145,303; July 30.
Kolonics, Andrew J., New York, N. Y. Hammock body or the like. 145,304; July 30.
Kolonics, Andrew J., New York, N. Y. Hammock body or the like. 145,305; July 30.
Kolonics, Andrew J., New York, N. Y. Hammock body or the like. 145,306; July 30.
Kono, Ken Y., Riverside, Calif. Wooden slipper or similar article. 145,090; June 25.
Koonz, Frederick W., Bernardston, assignor to Rogers, Lunt & Bowlen Company, Greenfield, Mass. Spoon or similar article. 144,390; Apr. 9.
Koppers Company, Inc., assignee: *See*—
Deskey, Donald.
Korda, Gerard V.: *See*—
Engel, Elmer G., Scott, and Korda.
Korengold, John A., Chicago, Ill. Combined medical hand light and tongue depressor. 143,662; Jan. 29.
Koret, Joseph, San Francisco, Calif. Textile fabric or similar article. 145,485; Aug. 27.
Korman, Arnold F., Brooklyn, N. Y. Toy xylophone. 146,055; Dec. 10.
Korn, William T., New York, N. Y. Combined figured cigarette container and music box. 143,602; Jan. 22.
Korn, William T., New York, N. Y. Combined vanity and cigarette case. 143,663; Jan. 29.
Korn William T., New York, N. Y. Combined cigarette dispenser and match holder. 144,822; May 7.
Korrol, Irving, Brooklyn, N. Y. Radio chassis blank base or the like. 144,858; May 28.
Kowal, Jack, New York, N. Y. Combined heel and platform for a shoe or similar article. 144,460; Apr. 16.
Kramer Sidney, New York, N. Y. Dress. 143,832; Feb. 12.

Kramer, Sidney, New York, N. Y. Dress. 144,461; Apr. 16.
Kraner, Florian G., assignor to Fred Langfelder Company, Inc., New York, N. Y. Crèche. 143,430; Jan. 1.
Kraus, Ralph, New York, N. Y. Folding picture frame or similar article. 145,669; Oct. 1.
Kreidler, James J., Huntington Park, Calif. Lighting fixture globe. 144,251; Mar. 26.
Kreisler, Jacques, Manufacturing Corporation, assignee: *See*—
Diehl, William.
Speck, Kurt.
Krell, Isaac, New Haven, Conn. Ring. 145,091; June 25.
Kress, George H., Johnson City, assignor to International Business Machines Corporation, New York, N. Y. Typewriter. 145,450; Aug. 20.
Krim, Norman B., Newton Highlands, assignor to Raytheon Manufacturing Company, Newton, Mass. Electron discharge tube. 143,603; Jan. 22.
Kritske, Jeanette M.: *See*—
Kritske, Victor J. and J. M.
Kritske, Victor J. and J. M., Sheboygan, Wis., assignors of one-half to W. H. Murphy, Chicago, Ill. Fluffed yarn animal figure. 145,634; Sept. 24.
Kroto, Hans J., Cambridge, Mas. Shoe or similar article. 145,670; Oct. 1.
Kruck, Ralph E., Longmeadow, assignor to Florence Stove Company, Gardner, Mass. Range. 145,736; Oct. 15.
Krueger, Theodore H., Stratford, Conn., assignor to Better Packages, Inc. Adhesive tape dispenser. 144,391; Apr. 9.
Krueger, Theodore H., Stratford, Conn., assignor to Better Packages, Inc. Adhesive tape dispenser. 144,392; Apr. 9.
Kruger, Maurice J., Kew Gardens Hills, assignor to Kruger-Ressner, New York, N. Y. Handbag. 143,920; Feb. 19.
Kruger-Ressner, assignee: *See*—
Kruger, Maurice J.
Kubista, Charles L., Owatonna, Minn. Poultry fountain. 143,604; Jan. 22.
Kulling, Rudolph C., Chicago, Ill. Cigarette butt snuffer or similar article. 144,793; May 21.
Kuntz, Robert F., Santa Monica, Calif. Toy vehicle. 145,737; Oct. 15.
Kuznetz, Samuel, New York, N. Y. Lady's suit. 144,298; Apr. 2.
Kuznetz, Samuel, New York, N. Y. Lady's suit. 144,299; Apr. 2.
Kuznetz, Samuel, New York, N. Y. Lady's suit. 144,393; Apr. 9.
Kuznetz, Samuel, New York, N. Y. Lady's suit. 144,973; June 11.
Kuznetz, Samuel, New York, N. Y. Lady's suit. 144,974; June 11.
Labich, Fred O., Evanston, Ill. Bottle opener. 145,635; Sept. 24.
Lactona Incorporated, assignee: *See*—
Millard, Glen E.
Laird, William A., South Gate, Calif. Pliers wrench. 143,921; Feb. 19.
Lakewood Mfg. Co.: *See*—
Dodegge, Carl.
Lamancusa, Salvatore J.: *See*—
Catanzarite, Patsy G., and Lamancusa.
Lamberg, Albert E., Fillmore, Calif. Clock. 145,872; Nov. 5.
Lambert, Robert, Fullerton, Nebr. Watch bracelet. 145,357; Aug. 6.
Lamun, Ernest H., San Antonio, Tex. Child's combined table and chair. 143,494; Jan. 8.
Landers, Frary & Clark, assignee: *See*—
Sundberg, Carl W.
Landis, Bess S., assignee: *See*—
Robinette, Howard C.
Landis, Bess S., executrix: *See*—
Landis, Hugh G.
Landis, Hugh G., deceased, by B. S. Landis, executrix, Los Angeles, Calif. Electric heater. 144,722; May 14.
Langbert, H. Thomas, New York, N. Y. Dress. 145,807; Oct. 22.
Lange, Albert, New York, N. Y. Towel or similar article. 145,307; July 30.
Lange, Albert, New York, N. Y. Towel or similar article. 145,308; July 30.
Lange, Albert, New York, N. Y. Towel or similar article. 145,309; July 30.
Lange, Albert, New York, N. Y. Towel or similar article. 145,310; July 30.
Lange, Albert, New York, N. Y. Towel or similar article. 145,396; Aug. 13.
Lange, Albert, New York, N. Y. Towel or similar article. 145,397; Aug. 13.
Lange, Albert, New York, N. Y. Towel or similar article. 145,398; Aug. 13.
Lange, Albert, New York, N. Y. Towel or similar article. 145,399; Aug. 13.
Lange, Albert, New York, N. Y. Towel or similar article. 145,400; Aug. 13.
Lange, Albert, New York, N. Y. Towel or similar article. 145,401; Aug. 13.
Lange, Albert, New York, N. Y. Towel or similar article. 145,402; Aug. 13.
Lange, Albert, New York, N. Y. Towel or similar article. 145,403; Aug. 13.
Lange, Albert, New York, N. Y. Towel or similar article. 145,581; Sept. 10.
Lange, Albert, New York, N. Y. Towel or similar article. 145,582; Sept. 10.
Langer, Lena, assignor to Kaylon Incorporated, New York, N. Y. Fabric. 145,671; Oct. 1.
Langfelder, Fred, Company, Inc., assignee: *See*—
Kraner, Florian G.
Lanier, Lewis T.: *See*—
Jones, Edgar R., and Lanier.
Lantz, Walter, Universal City, Calif. Toy animal figure or the like. 143,604; Jan. 29.
La Pidus, Louis, Brooklyn, N. Y. Drafting table. 145,808; Oct. 22.
Lapin, Samuel, New York, N. Y. Combined spoon and fork. 143,431; Jan. 1.
La Plant-Choate Mfg. Co. Inc.: *See*—
Rockwell, Harvey W.
La Poff, Harry S., assignee: *See*—
Hale, Frank R.
Larkin, Richard W., Bell, Calif. Vehicle toy. 145,945; Nov. 19.
Larsen, Agnew, E.: *See*—
Pecker, Joseph S., and Larsen.
Larson, Charles O., Sterling, Ill. Table lamp. 145,946; Nov. 19.
Larson, Karl O., Minneapolis, Minn. Table. 145,947; Nov. 19.
Larson, Karl O., Minneapolis, Minn. Desk. 145,948; Nov. 19.
Lasar, William, Los Angeles, Calif. Base for band saws. 144,394; Apr. 9.
Lasar, William, Los Angeles, Calif. Band saw. 144,723; May 14.
Lash, Rose, Bronx, N. Y. Blouse or the like. 144,252; Mar. 26.
Laskin, Louis J., Los Angeles, Calif. Hat. 144,395; Apr. 9.
Laskowitz, Joseph F., St. Louis, Mo. Chair lounge. 145,092; June 25.
Laszlo, Margit F., assignor to Cole of California Inc., Los Angeles, Calif. Combined swim and play suit. 144,396; Apr. 9.
Laszlo, Margit F., assignor to Cole of California Inc., Los Angeles, Calif. Swimming suit or the like. 145,174; July 9.
Laurie, Morris J.: *See*—
Crompton, William, and Laurie.
Lawrence, Benjamin E., Chicago, Ill. Hygrometer. 143,432; Jan. 1.
Lazarus, Hettye, New York, N. Y. Hat or similar article. 144,119; Mar. 12.
Leader, Herbert H., Irondequoit, assignor to Weber Machine Corporation, Rochester, N. Y. Casing for a sound head for a motion picture projector. 143,665; Jan. 29.
Leavitt, Clyde M., Pascagoula, Miss., assignor to Ingalls Shipbuilding Corporation. Deck house. 144,059; Mar. 5.
Leavitt, Clyde M., Pascagoula, Miss., assignor to Ingalls Shipbuilding Corporation. Deck house for a ship. 145,451; Aug. 20.
Lebens, Jeannette L., University City, Mo. Thimble. 144,397; Apr. 9.
Le Bouedec, Francine, New York, N. Y. Hat. 143,739; Feb. 5.
Le Bouedec, Francine, New York, N. Y. Hat. 143,833; Feb. 12.
Le Bouedec, Francine, New York, N. Y. Hat. 143,834; Feb. 12.
Lee, Robert T., Los Angeles, Calif., assignor to Edgar C. Hyman Co., New York, N. Y. Scarf. 145,311; July 30.
Leeb, Martin, Chicago, Ill. Child's vehicle. 144,975; June 11.
Leeberg, Edward, Roselle, N. J. Ash tray or the like. 148,835; Feb. 12.
Leech, Aubrey B., Los Angeles, Calif. Animated eye exerciser. 143,433; Jan. 1.
Lefebre, Edward A., Jamaica, N. Y. Cigarette rest. 143,826; Feb. 12.
Le Febvre, Alfred L., Windsor, assignor to The Fuller Brush Company, Hartford, Conn. Floor brush. 143,537; Jan. 15.
Le Graffe, John, Beverley Hills, Calif. Waiter's tray. 146,134; Dec. 31.
Leifer, Philip W., and P. A. Katz, New York, N. Y. Handbag frame. 144,060; Mar. 5.
Leiman Bros., Inc., assignee: *See*—
Bogert, Ormonde, and Hewitt.
LeKashman, Lawrence: *See*—
Cardtner, William, and LeKashman.
Lelong, Lucien, Inc., assignee: *See*—
Buckingham, John D.
Di Verdura, Fulco.
Lerch, John B., Los Angeles, Calif. Lawn sprinkler. 145,221; July 16.
Lerman, Ben, Chicago, Ill. Clock. 143,538; Jan. 15.
Lerman, Ben, Chicago, Ill. Clock. 146,083; Dec. 17.
Lerman, Ben, Chicago, Ill. Clock. 146,084; Dec. 17.

Lerner, George, assignor to Abell Chair & Novelty Mfg. Co., Inc., New York, N. Y. Educational toy. 143,434; Jan. 1.

Lesavoy, I. Lawrence, Allentown, Pa. Shoe tree. 143,922; Feb. 19.

Leser, Tina, New York, N. Y. Culotte dress or similar article. 143,978; Feb. 26.

Leslie, John H., II, Winnetka, assignor to Stewart-Warner Corporation, Chicago, Ill. Portable heater. 144,928; June 4.

Lessler, Hyman H., assignor to H. Arnold, Jr., Long Beach, Calif. Mirror or similar article. 145,312; July 30.

Le Tourneau Foundation, assignee: *See*— Lindblad, Elliott N.

Levene, Henry E., Long Island City, N. Y. Twin turnstile. 143,740; Feb. 5.

Le Verne, Vincent F., Long Beach, Calif. Book end. 145,900; Nov. 12.

Levin, Henry, Long Island City, N. Y. Ice tongs or similar article. 144,309; Apr. 2.

Levin, Leon, New York, N. Y. Garment hanger. 146,056; Dec. 10.

Levin, Leon, New York, N. Y. Garment hanger. 146,085; Dec. 17.

Levin, Ned, assignee: *See*— Schwartz, Douglas H.

Levin, William, New York, N. Y. Telescope support. 145,313; July 30.

Levine, Louis C., New York, N. Y. Handbag. 143,539; Jan. 15.

Levitan, Harry, Chicago, Ill. Mantle clock. 144,398; Apr. 9.

Levitan, Harry, Chicago, Ill. Mantle clock. 144,399; Apr. 9.

Levitan, Harry, Chicago, Ill. Mantel clock. 145,314; July 30.

Levitan, Harry, Chicago, Ill. Mantel clock. 145,315; July 30.

Levitan, Harry, Chicago, Ill. Desk clock. 145,316; July 30.

Levitan, Harry, Chicago, Ill. Mantel clock. 145,317; July 30.

Levy, Abraham, New York, N. Y. Perfume bottle or the like. 145,175; July 9.

Levy, Irving: *See*— Billet, Philip, and Levy.

Lewis, Amos F., St. Louis, Mo. Wrench. 145,949; Nov. 19.

Lewis, Benjamin, New York, N. Y., assignor to Lionel Rothschild, Dallas, Tex. Bottle. 147,837; Feb. 12.

Lewis, Fred H., Wilmette, Ill. Ring box. 145,738; Oct. 15.

Lewis, Joseph R., Burbank, Calif. Portable soda fountain. 145,452; Aug. 20.

Lewis, Max J., Forest Hills, N. Y. Cigarette box or similar article. 144,623; May 7.

Lewis, Max J., Forest Hills, N. Y. Combination desk unit. 145,486; Aug. 27.

Lewis, Max J., Forest Hills, N. Y. Combination desk unit. 145,509; Oct. 22.

Lewis, Morgan J., Philadelphia, Pa. Grill. 145,810; Oct. 22.

Lewis, Paul M., Los Angeles, Calif. Toy helicopter. 143,495; Jan. 8.

Lewis, Paul M., Detroit, Mich. Helicopter. 144,400; Apr. 9.

Lewis, Paul M., Detroit, Mich. Helicopter. 144,401; Apr. 9.

Lewis, Paul M., assignor to Sky-Hook Co., Los Angeles, Calif. Descent retarder. 145,527; Sept. 3.

L'Hollier, Leslie H., Waltham, Mass., assignor to The B. F. Goodrich Company, New York, N. Y. Overboot or similar article. 145,453; Aug. 20.

Libbey-Owens-Ford Glass Company, assignee: *See*— Dieter, Walter G.

Lidz, Maurice N., Woodmere, N. Y. Button or similar article. 145,176; July 9.

Lieber, Irving, New York, N. Y. Ring. 143,923; Feb. 19.

Lieberman, Eleanor J., assignee, et al.: *See*— Lieberman, William A., and Thomsen.

Lieberman, Harry L., assignee: *See*— Dodegge, Carl.

Lieberman, William A., and J. W. Thomsen, assignors to E. J. Lieberman, Chicago, and B. Goldboss, Glencoe, Ill., copartners doing business as Ellengy Sales. Film slide viewer. 146,057; Dec. 10.

Ligorner, William B., New York, N. Y. Mirror. 146,058; Dec. 10.

Lindahl, Stanley E., assignee, et al.: *See*— Burke, James D.

Lindberg, Claus E., assignor to Corry-Jamestown Manufacturing Corporation, Corry, Pa. Drawer handle or similar article. 145,177; July 9.

Lindblad, Elliott N., assignor to Le Tourneau Foundation, Toccoa, Ga. Badge or similar article. 143,605; Jan. 22.

Linduska, Noreen, Cicero, Ill. Combined brooch and cosmetic container. 145,811; Oct. 22.

Link Aviation Devices, Inc., assignee: *See*— Kail, Karl A.

Lipic, Jos., Pen Co., assignee: *See*— Lipic, Joseph G., Jr.

Lipic, Joseph G., Jr., assignor to Jos. Lipic Pen Co., St. Louis, Mo. Combined pencil and advertising panel. 144,402; Apr. 9.

Lipman, Julius, New York, N. Y. Lady's suit. 145,454; Aug. 20.

Lippincott, Joshua G., Scarsdale, assignor to D. Ornstein & Sons, New York, N. Y. Jewelry case. 144,403; Apr. 9.

Lipton, Irving E., and L. C. Lochmoeller, St. Louis, Mo. Toy vehicle. 144,976; June 11.

Little Castles, Incorporated, assignee: *See*— Fennell, William A.

Little, Sara, New York, N. Y., assignor to Associated Card and Stationery Company. Sheet of writing paper. 145,528; Sept. 3.

Livesay, Lennon G.: *See*— Anderson, Carl G., and Livesay.

Livon, Max, Minneapolis, Minn. Desk. 144,120; Mar. 12.

Lloyd, Howard M., Los Angeles, Calif. Sandal or similar article. 145,901; Nov. 12.

Lochmoeller, Louis C.: *See*— Lipton, Irving E., and Lochmoeller.

Lockheed Aircraft Corporation, assignee: *See*— Gross, Robert E.
Hibbard, Hall L., and Johnson.
Johnson, Clarence L.
Nettleton, George E., Jr.
Thorp, John W.

Loewy, Raymond, New York, N. Y., assignor to The Coca-Cola Company, Wilmington, Del. Refrigerator. 145,222; July 16.

Loge, Joseph M., Los Angeles, Calif. Lectern cabinet. 144,202; Mar. 19.

Lolli, John, Chicago Heights, Ill. Electric lamp. 145,137; July 2.

Lolli, John, Chicago Heights, Ill. Electric lamp. 145,138; July 2.

Lolli, John, Chicago Heights, Ill. Electric lamp. 145,583; Sept. 10.

Lomasney, Louis, North Attleboro, Mass. Ash tray. 145,739; Oct. 15.

Lonhoit, Carl, Bogota, N. J., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Telephone jack. 143,399; Jan. 8.

Looney, Joseph S., Beaumont, Tex. Figure toy. 146,007; Dec. 3.

Lorenz, Benjamin A., New York, N. Y., assignor to Son-Chief Electrics, Incorporated, Winsted, Conn. Electric toaster. 143,741; Feb. 5.

Lorenzen, Ann J., Atlantic City, N. J. Doll. 144,724; May 14.

Lott, Howard R., assignor to Diamond Silver Company, Lambertville, N. J. Spoon or other article of flatware. 144,462; Apr. 16.

Lott, Howard R., assignor to Diamond Silver Company, Lambertville, N. J. Spoon or other article of flatware. 144,463; Apr. 16.

Lovick, John B.: *See*— Miller, Milton C., Jr., and Lovick.

Lowe, Evelynn, assignee: *See*— Katz, William.

Lowenst, Taji, New York, N. Y. Combined bracelet and ring. 145,318; July 30.

Lowerre, George H., Balboa Island, Calif. Utility truck. 145,139; July 2.

Lowitz, Herman, assignor to American Glass Corporation, Greensburg, Pa. Glass cigarette or like container. 144,567; Apr. 23.

Lunenfeld, Herbert, assignee: *See*— Zonenstein, Julius.

Lustig, Harry: *See*— Goldstein, Louis H., and Lustig.

Lux Clock Manufacturing Company, Inc., The, assignee: *See*— Lux, Frederick.

Lux, Frederick, Middlebury, assignor to The Lux Clock Manufacturing Company, Inc., Waterbury, Conn. Alarm clock. 145,672; Oct. 1.

Lydle, John E., Akron, Ohio. Hammer head. 143,979; Feb. 26.

Lynn, Robert M., Pasadena, Calif. Bomb sight. 144,508; Apr. 23.

Lyon, George A., Allenhurst, N. J. Combined automobile wheel cover and hub cap or similar article. 144,725; May 14.

Lyon, George Albert, Allenhurst, N. J. Combined automatic wheel cover and hub cap or similar article. 143,497; Jan. 8.

Lyon, George Albert, Allenhurst, N. J. Wheel trim or similar article. 143,498; Jan. 8.

Mabry, John W., Kansas City, Mo. Combination chair and table or like article. 144,404; Apr. 9.

MacCallum, Robert S., New York, N. Y. Display package for curtains. 146,086; Dec. 17.

Macchi, Angelo P.: *See*— Garner, Robert V., and Macchi.

MacKusick, William P., and J. N. Wyant, assignors to Wingfoot Corporation, Akron, Ohio. Tire. 144,122; Mar. 12.

Maclean, John D., Inverness, Scotland. Calendar. 144,121; Mar. 12.

MacRae, Alistair L., San Diego, Calif. Desk name plate. 145,178; July 9.

Magnavox Company, The, assignee: *See*— Stone, Leland G.

Magro, Joseph, Rochester, N. Y. Game board. 146,114; Dec. 24.

Mahoney, Gaillard: *See*— McNiece, Raymond H., and Mahoney.

Majewski, Joseph M., Jr., and H. J. Talge, assignors to J. C. Hockery, F. L. Talge, and H. J. Talge, doing business as Rival Manufacturing Company, Kansas City, Mo. Juice extractor. 143,666; Jan. 29.

Malinowski, Harry A., assignor to The Ellmore Silver Co., Inc., Meriden, Conn. Bracelet or similar article. 144,794; May 21.

Malinowski, Harry A., assignor to The Ellmore Silver Co., Inc., Meriden, Conn. Spoon or other article of flatware. 145,179; July 9.

Malinowski, Harry A., Meriden, Conn., assignor to The Ellmore Silver Co., Inc. Spoon or other article of flatware. 145,180; July 9.

Malinowski, Harry A., Meriden, Conn., assignor to The Ellmore Silver Co., Inc. Spoon or other article of flatware. 145,181; July 9.

Malinowski, Harry A., assignor to The Ellmore Silver Co., Inc., Meriden, Conn. Bracelet or similar article. 146,115; Dec. 24.

Malkin, Simon, New York, N. Y., assignor to United Cigar-Whelan Stores Corporation. Merchandise display stand. 145,814; Oct. 22.

Mallard, Elroy S., Georgetown, Ky. Pencil ferrule. 145,182; July 9.

Mallick, Leo M., Chicago, Ill. Bottle closure. 145,980; Nov. 26.

Maloney, Raymond T.: *See*— Flanagan, Thomas C.

Malot, John W., Hustontown, Pa. Surveyor's rod. 143,435; Jan. 1.

Mamoulian, Nellie F., New York, N. Y. Tablecloth or similar article. 145,488; Aug. 27.

Mandelbaum, Bernard R., assignor to Wood Commodities Corp., New York, N. Y. Toy rocking horse. 145,093; June 25.

Mandl, Rudi W., Long Island City, N. Y. Picture frame or similar article. 145,358; Aug. 6.

Mandolf, Henry I., San Diego, Calif. Fishing reel. 145,529; Sept. 3.

Mangan, James T., assignee: *See*— Eckland, Everett B.

Maniscalco, Peter, Jr.: *See*— Maniscalco, Pietro and Peter, Jr.

Maniscalco, Pietro and P. Maniscalco, Jr., Chicago, Ill. Utility holder or the like. 143,436; Jan. 1.

Maniscalco, Pietro, and P., Jr., Chicago, Ill. Toilet cabinet or the like. 143,499; Jan. 8.

Mankki, Onnie, Cleveland, Ohio, assignor to Smokador Manufacturing Co., Inc., Bloomfield, N. J. Smoking stand. 143,742; Feb. 5.

Mankki, Onnie, Cleveland Heights, and F. J. Schultheis, Lakewood, Ohio, assignors to James B. Shaver, University Heights, Ohio. Ventilator. 143,607; Jan. 22.

Mann, Cressent J., assignor to M. Tanzi, Chicago, Ill. Bracelet or similar article. 144,061; Mar. 5.

Mann, Cressent J., assignor to M. Tanzi, Chicago, Ill. Bracelet or similar article. 144,062; Mar. 5.

Manovill, Alfred C., New York, assignor to Ideal Plastic Corporation, Long Island City, N. Y. Plastic unit for handbags or the like. 145,359; Aug. 6.

Marcus, Arthur, New York, N. Y. Finger ring. 144,860; May 28.

Marcus, Arthur, New York, N. Y. Finger ring. 144,861; May 28.

Marcus, Morris, assignor to Contra Leather Goods Corporation, New York, N. Y. Back for billfold or similar article. 143,608; Jan. 22.

Marcus, Samuel, New York, and E. J. Anton, Sunnyside, N. Y. Projector. 143,500; Jan. 8.

Marcus, Samuel, New York, and E. J. Anton, Sunnyside, N. Y. Projector. 145,223; July 16.

Maree, Morgan, Jr., assignee, et al.: *See*— Burke, James D.

Markel Electric Products, Inc., assignee: *See*— Ohm, Albert J. D.

Markus, George, New York, N. Y. Combined wallet and card cases. 143,980; Feb. 26.

Marleen Costume Jewelry Company, assignee: *See*— Pearsall, Frederick J.

Marr, Ronald A., Barberton, Ohio. Golf putting game device. 143,838; Feb. 12.

Marron, Eleanor E., Long Beach, Calif. Tablecloth or the like. 143,667; Jan. 29.

Marsella, Julio J., Providence, R. I. Jewelry pin or similar article. 145,094; June 25.

Marsella, Julio J., Providence, R. I. Jewelry pin or similar article. 145,319; July 30.

Marsella, Julio J., Providence, R. I. Jewelry pin or dressing table. 145,320; July 30.

Marsella, Julio J., Providence, R. I. Earring. 145,321; July 30.

Marsh, Harold A.: *See*— Fairbank, Murry N., and Marsh.

Marsh, Harold A., Chestnut Hill, Mass. Garment hook. 145,813; Oct. 22.

Marsh Stencil Machine Company, assignee: *See*— Marsh, Walton C.

Marsh, Walton C., assignor to Marsh Stencil Machine Company, Belleville, Ill. Fountain brush or the like. 144,203; Mar. 19.

Marsh, Walton C., assignor to Marsh Stencil Machine Company, Belleville, Ill. Tape sealer or the like. 144,795; May 21.

Martex Print Works, Inc., assignee: *See*— Morrison, John W.

Martial, Jacques: *See*— Scull, Robert C., and Martial.

Martial, Jacques, and R. C. Scull, assignors to Viewtone Company, New York, N. Y. Combination radio and record player. 144,862; May 28.

Martial, Jacques, and R. C. Scull, assignors to Viewtone Company, New York, N. Y. Radio receiver. 144,863; May 28.

Martial, Jacques, and R. C. Scull, assignors to Viewtone Company, New York, N. Y. Radio receiver. 144,864; May 28.

Martin Band Instrument Company, The, assignee: *See*— Gillespie, Earl J.

Martin, Charles, Chicago, Ill. Pull toy. 143,540; Jan. 15.

Martin, Joseph F., and A. B. Van Hee, Detroit, Mich.; said Van Hee assignor to said Martin, Jr. Game board. 143,668; Jan. 29.

Martin, Lynn P.: *See*— Fish, Ned D., and Martin.

Martino, Charles L.: *See*— King, Anthony B., and Martino.

Martino, Peter V., Long Island City, N. Y. Display fixture unit. 145,950; Nov. 19.

Martucci, Claudia, San Francisco, Calif. Cosmetic cup. 145,360; Aug. 6.

Marx, Louis, & Company, Inc., assignee: *See*— Campbell, Laurie J., and Hirsch.

Mason, Edwin W., Wyckoff, N. J. Adhesive tape dispenser. 144,865; May 28.

Master Electric Company, The, assignee: *See*— Darnell, Victor L.

Masterson, William F., assignor to Faries Manufacturing Company, Decatur, Ill. Lamp. 146,116; Dec. 24.

Matam Corporation, assignee: *See*— Mathis, Emile C., and Dronet.

Mathis, Emile C., New York, and J. L. Dronet, Brooklyn, said Dronet assignor to Matam Corporation, Long Island City, N. Y. Electric heater. 143,609; Jan. 22.

Mattison, John A.: *See*— Kerr, John A., and Mattison.

Matuzoff, Batrisha, Hollywood, Calif. Display stand or similar article. 145,951; Nov. 19.

Matuzoff, Batrisha, Hollywood, Calif. Display stand or similar article. 146,087; Dec. 17.

Maxson, William E., Jr., assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Casing for an electric heater with fan. 143,541; Jan. 15.

Maxson, William E., Jr., and F. Rodwick, assignors to Chicago Electric Manufacturing Company, Chicago, Ill. Food mixer. 143,981; Feb. 26.

Maxwell, John A., & Associates, assignee: *See*— Zagumny, Felix J.

Maxwell, Milton B., Sr., Huntington Park, Calif. Service plaque. 144,123; Mar. 12.

Maxwell, Paul M., Manhasset, N. Y., and W. J. Russy, Jersey City, N. J., assignors to Hat Corporation of America, Norwalk, Conn. Cap cver. 143,610; Jan. 22.

May, Kenneth C.: *See*— Culpepper, John P., and May.

Mayer, Bruno, New York, N. Y. Case for a camera. 145,981; Nov. 26.

Mayer, Bruno, New York, N. Y. Case for a camera. 145,982; Nov. 26.

Mayer China Company, assignee: *See*— Muench, Toni O.

Mayo, Ed E., assignee, et al.: *See*— Smith, Harvey J.

McAllister, Franklin, Corporation, assignee: *See*— McAllister, Harley J.

McAllister, Gerald: *See*— Davis, John H., and McAllister.

McAllister, Harley J., Wheaton, Ill., assignor to Franklin McAllister Corporation. Vacuum cleaner casing. 144,063; Mar. 5.

McCann, Ann L., Glendale, Calif. Hat. 144,405; Apr. 9.

McCann, Clyde D., Des Moines, Iowa. Light fixture. 145,696; Oct. 8.

McCarthy, John P.: *See*— Mendelson, Charles M., and McCarthy.

McCartney, Will C., Cambridge, Ohio. Cigarette box and ash tray unit. 144,509; Apr. 23.

Macchi, Angelo P.: *See*— Garner, Robert V., and Macchi.

McCalla, Hazel M., Frederick, assignor to A. E. Hemp, Burkittsville, Md. Stand and appliance support for dressing hair. 146,059; Dec. 10.

McClellan, Clarence S., Santa Monica, Calif. Camera support. 144,406; Apr. 9.

McClellan, Clarence S., Santa Monica, Calif. Picture viewer. 144,407; Apr. 9.

McClellan, Clarence S., Santa Monica, Calif. Stereoscope casing. 144,572; Apr. 30.

McClure, Bernard L., Norwalk, Ohio. Chipping hammer head. 145,636; Sept. 24.

McClure, Bernard L., Norwalk, Ohio. Hammer head. 143,815; Oct. 22.
McCoy, Garland C.: *See*—
Fulkerson, Josephine S., and McCoy.
McCullough, Jack A.: *See*—
Eitel, William W., and McCullough.
McDonnell Aircraft Corporation, assignee: *See*—
Perkins, Kendall.
McFadden, William J., Cedar Rapids, Iowa. Electric dilator. 143,924; Feb 19.
McFarland, Venable H. T., Clairton, Pa. Combination picture frame and illuminable mirror. 145,487; Aug. 27.
McGee, Mary C., Hempstead, N. Y. Tablecloth or similar article. 145,404; Aug. 13.
McGinnis, Dale J., Chicago, Ill. Lamp. 146,113; Dec. 24.
McGunn, John V., Chicago, Ill. Safe. 143,606; Jan. 22.
McKelvey, Vanny, New York, N. Y. Reversible blouse. 143,925; Feb. 19.
McKelvey, Vanny, New York N. Y. Reversible blouse. 143,926; Feb. 19.
McKenzie, Mary H., Duluth, Minn. Dressing table. 144,859; May 28.
McKewen, John H.: *See*—
Schauer, Lawrence L.
McLaughlin, George H., New York N. Y. Robe or similar article. 145,740; Oct. 15.
McLellan, E. W., Co., assignee: *See*—
McLellan, Roderick I., and Field.
McLellan, Roderick I., San Francisco, and W. J. Field, Orinda, assignors to E. W. McLellan Co., San Francisco, Calif. Flower container. 145,530; Sept. 3.
McMullen, Laudina C.: *See*—
Post, Harold P., and McMullen
McNiece, Raymond H., and G. Mahoney, Dallas, Tex. Pin or similiar article. 144,977; June 11.
Meadow, Jean W., New York, N. Y. Handbag or similar article. 143,611; Jan. 22.
Meek, Melvin J., and B. C. Haguist, South Bend Ind. Fishing net. 145,405; Aug. 13.
Mehan, Thomas O.: *See*—
Hooe, Hunter E., and Mehan.
Meindl, Joseph J., Livingston, assignor to Micron, Incorporated, East Orange, N. J. Necktie holder. 143,743; Feb. 5.
Meinecke, Conrad E., Buffalo, N. Y. Combined ash tray and incense burner. 143,927; Feb. 19.
Mell-Hoffmann Mfg. Co., assignee: *See*—
Mell, William E.
Mell, William E., Skokie, assignor to Mell-Hoffmann Mfg. Co., Chicago, Ill. Decalcomania sheet or the like. 144,464; Apr. 16.
Mendelsohn, Milton M., assignee: *See*—
Fox, Cecil M.
Mendelson, Charles M., and J. P. McCarthy, Downey, Calif. Pushcart. 144,664; Mar. 5.
Menor, Cipriano S., Lathrop, Calif. Lady's bag. 144,510; Apr. 23.
Merchant, Callie C.: *See*—
Hobbs, Perry N., and Merchant.
Merritt, Clark C., Red Bank, N. J. Tap knob 144,408; Apr. 9.
Merritt, Clark C., Red Bank, N. J. Tap knob. 146,117; Dec. 24.
Mersereau, Cecil T., Weymouth, Mass. Jewelry pin. 144,253; Mar. 26.
Merz, F. O., & Company, assignee: *See*—
Merz, Frederick O.
Merz, Frederick O., assignor to F. O. Merz & Company, Philadelphia, Pa. Panel of embossed leather. 143,839; Feb. 12.
Merz, Frederick O., assignor to F. O. Merz & Company, Philadelphia, Pa. Panel of embossed leather. 143,840; Feb. 12.
Merz, Frederick O., assignor to F. O. Merz & Company Philadelphia, Pa. Panel of embossed leather. 143,841; Feb. 12.
Merz, Frederick O., assignor to F. O. Merz & Company, Philadelphia, Pa. Panel of embossed leather. 143,842; Feb. 12.
Merz, Frederick O., assignor to F. O. Merz & Company Philadelphia, Pa. Panel of embossed leather. 143,843 Feb. 12.
Meshberg, Philip, Trumbull, Conn. Cigar lighter 145,183; July 9.
Messenger, Ernest A., assignor to Consolidated Cosmetics, Chicago, Ill. Wrapping paper or the like 144,511; Apr. 23.
Messick, Turner B., assignor to B. Watson, Denver, Colo. Casing for a marking machine. 145,095; June 25.
Messinger, Harold L. Los Angeles, Calif. Under-water mask. 144,624; May 7.
Messinger, Harold L., Los Angeles, Calif. Under-water mask. 144,625; May 7.
Metzger, Joseph L., Beverly Hills, Calif. Toy microphone set. 144,929; June 4.
Meyer, Frederick G., now by judicial change of name Frederick George Rich, Council Bluffs, Iowa. Pencil or similar article. 143,612; Jan. 22.
Meyer, George T., Milwaukee, Wis. Croquet wicket. 143,542; Jan. 15.
Meyer, George T. Milwaukee, Wis. Croquet wicket. 143,543; Jan. 15
Meyer, George T., Milwaukee, Wis. Croquet wicket. 143,544; Jan. 15.
Meyer, Maximilian C., Brooklyn, N. Y. Deck of playing cards. 143,669; Jan. 29.
Meyer, Paul H., assignor to U. S. Slicing Machine Company, La Porte, Ind. Slicing machine. 145,406; Aug. 13.
Meyer, Sidney, New York, N. Y. Textile fabric or similar article. 144,465; Apr. 16.
Meyer, Sidney, New York, N. Y. Textile fabric or similar article. 146,149; Dec. 31.
Meyercord Co., The, assignee: *See*—
Westrate, Ada.
Meyers, Marcia M., Poplar Grove, Ill. Cookie cutter. 145,812; Oct. 22.
Meyers, Willard F., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Ash tray. 143,613; Jan. 22.
Michelson, Lawrence M., Clayton, assignor to Duro Chrome Corporation, St. Louis, Mo. Chair frame. 143,982; Feb. 26.
Micron, Incorporated, assignee: *See*—
Meindl, Joseph J.
Miles, John R., West Inglewood, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Table magnifier. 143,744; Feb. 5.
Millard, Glen E., assignor to Lactona Incorporated, St. Paul, Minn. Detachable toothpick assembly. 145,603; Sept. 17.
Millard, Morris, New York, N. Y. Lady's suit. 145,531; Sept. 3.
Miller, Anthony J., Chicago, Ill. Roller skate. 143,983; Feb. 26.
Miller, Arthur L., Newton, assignor to Sylvania Electric Products Inc., Salem, Mass. Portable desk lamp. 143,844; Feb. 12.
Miller Company, The, assignee: *See*—
Carulli, John.
Miller, Dora S., Los Angeles, Calif. Picture frame 143,745; Feb. 5.
Miller, Fred A., St. Johns, assignor of one-half to R. M. Kleinne, St. Louis, Mo. Pressing iron. 143,984; Feb 26.
Miller, Harold H., assignor to United Stove Company, Ypsilanti, Mich. Stove grid. 145,489; Aug. 27.
Miller, Hercheal W., Davenport, Iowa, assignor to American Machine and Metals, Inc., New York, N. Y. Washer control panel or similar article. 144,254; Mar. 26.
Miller, Jeanne, Vermilion, Ohio. Lady's coat or similar article. 144,466; Apr. 16.
Miller, Jerome J., Ottoville, Ohio. Toy airplane. 145,407; Aug. 13.
Miller, Jerome J., Ottoville, Ohio. Toy airplane. 145,455; Aug. 20.
Miller, Milton C., Jr., Los Angeles, and J. B. Lovick, Glendale, Calif. Print roller. 144,467; Apr. 16.
Miller, Walter, Benton Harbor, Mich. Tone arm for phonographs. 144,726; May 14.
Miller, Willis H., Dallas, Tex. Lamp or similar article. 144,626; May 7.
Millers Falls Company, assignee: *See*—
Collura, Francesco.
Millman, Max, Providence, R. I. Ash tray. 143,746; Feb. 5.
Mills, Charles E., Cleveland, Ohio, assignor to Juno Products Company. Money clip. 145,697; Oct. 8.
Millstein, Jacob H., Jeannette, Pa. Candy containing toy cruiser. 143,614; Jan. 22.
Milwaukee Lace Paper Company, assignee: *See*—
Hamilton, Kenneth C.
Mine Safety Appliances Company, assignee: *See*—
Yant, William P.
Minneapolis-Honeywell Regulator Company, assignee: *See*—
Sanders, Morris.
Minzer, William, New York, N. Y. Dress 143,845; Feb. 12.
Minzer, William, New York, N. Y. Dress. 144,512; Apr. 23.
Modern Hygiene, Inc., assignee: *See*—
Stevens, Clifford B.
Modern Plastic Co., assignee: *See*—
Ballard, Wade E.
Moe, Edwin C., Lansing, Mich. Pen and pencil holder. 144,866; May 28.
Moffatt, Robert J., Birmingham, Mich. Clock 144,867; May 28.
Mohawk Rubber Company, The, assignee: *See*—
Christie, John A.
Moloney, Raymond T., assignee: *See*—
Nicholson, Ralph A.
Tobias, Arthur A.
Monarch, Governor Company, assignee: *See*—
Sarnes, Lowell F.
Monsen Corp. of New York, assignee: *See*—
Sassoon, Andre.
Monica, Caroline D., New York, N. Y. Dress. 145,741; Oct. 15.
Monicatti, James: *See*—
Zaha, Abraham, and Monicatti.
Monogram Manufacturing Company, assignee: *See*—
Wallace Frank C.
Monroe, John S.: *See*—
Odlorne, Richard L., and Monroe.

Montenier, Jules B., Chicago. Ill. Shaving bowl. 143,437; Jan. 1.
Monturo, Albert, Brooklyn, N. Y. Combined lipstick holder and cigarette lighter. 144,125; Mar. 12.
Moore, Edward E., New York, N. Y. Picture frame. 145,902; Nov. 12.
Moore, Frank A., Montebello, assignor to Pacific Stamping Company, Los Angeles, Calif. Salad server. 144,310; Apr. 2.
Moore, James H., Alhambra, Calif. Portable barbecue. 144,573; Apr. 30.
Moore, Walter B., West Lafayette, Ohio. Combination tea kettle, coffee maker, and double boiler or article of a similar nature. 144,409; Apr. 9.
Mora, Vincent I. and E. Heinecke, Minneapolis, Minn., said Heinecke assignor to said Mora. Article holding figurine. 143,438; Jan. 1
Moran, Ralph V., assignor to Vic Moran, Bradford, Pa., a partnership composed of M. C., E. M., and V. Moran. Coin bank. 145,096; June 25.
Moran, Ralph V., assignor to Vic Moran, Bradford, Pa. Coin bank. 145,097; June 25.
Moran, Vic, assignee: *See*—
Moran, Ralph V.
Morbee, Richard, Chicago, Ill. Collapsible, focusing field glass. 146,008; Dec. 3.
Moreland, Stephen T., Toledo, Ohio. Combined score pad and bridge bid indicator. 143,928; Feb. 19.
Morgan, Dwight C., Jr.: *See*—
Morgan, Thomas H. and D. C.
Morgan, Harry W., assignor to Aerojet Engineering Corporation, Pasadena, Calif. Rocket motor. 143,846; Feb. 12.
Morgan, Harry W., assignor to Aerojet Engineering Corporation, Pasadena, Calif. Jet motor cap. 144,126; Mar. 12.
Morgan, Harry W., assignor to Aerojet Engineering Corporation, Pasadena, Calif. Jet motor cap. 144,127; Mar. 12.
Morgan, Harry W., assignor to Aerojet Engineering Corporation, Pasadena, Calif. Jet motor cap. 144,128; Mar. 12.
Morgan, Harry W., assignor to Aerojet Engineering Corporation, Pasadena, Calif. Jet motor cap. 144,129; Mar. 12.
Morgan, Harry W., Pasadena, assignor to Aerojet Engineering Corporation, Azusa, Calif. Jet motor. 144,574; Apr. 30.
Morgan, Thomas H., Kittanning, and D. C. Morgan, Jr., Oakmont, Pa. Vacuum cleaner casing or similar article. 144,627; May 7.
Morgan, Thomas H., Kittanning, and D. C. Morgan, Jr., Oakmont, Pa. Vacuum cleaner casing or similar article. 144,628; May 7.
Morgenroth, Frank C., Santa Monica, Calif. Bottle stopper. 145,028; June 18.
Morris, Bert M., Co., assignee: *See*—
Fleming, Robert B.
Morris, Harry, Chicago, Ill. Handbag frame. 144,796; May 21.
Morris, Nathan K., Asbury Park, N. J. Compact. 145,255; July 23.
Morris, Walter W.: *See*—
Willemain, Emile L., and Morris.
Morrison, John W., Garden City, N. Y., assignor to Martex Print Works, Inc., Clifton, N. J. Scarf or similar article. 145,098; June 25.
Morrow, Frank, Johnston, R. I. Jewelry pin or similar article. 144,204; Mar. 19.
Morrow, Frank, Johnston, R. I. Jewelry pin or similar article. 144,205; Mar. 19.
Morrow, Frank, Johnston, R. I. Jewelry pin or similar article. 144,206; Mar. 19.
Morrow, Frank, Johnston, R. I. Jewelry pin or similar article. 144,207; Mar. 19.
Morrow, Frank, Johnston, R. I. Jewelry pin or similar article. 144,208; Mar. 19.
Morrow, Frank, Johnston, R. I. Earring. 144,209; Mar. 19.
Morrow, Frank, Johnston, R. I. Jewelry pin or similar article. 144,629; May 7.
Morrow, Frank, Johnston, R. I. Earring. 145,140; July 2.
Morrow, Frank, Johnston, R. I. Earring. 145,742; Oct. 15.
Morrow, Frank, Johnston, R. I. Jewelry pin or similar article. 145,743; Oct. 15.
Morton, Mark: *See*—
Bennett, Theodore C., Morton, and Gloeckler.
Morton, Nathan E., New York, N. Y., assignor to Erdco Engineering Research & Development Company, Newark, N. J. Miniature bureau for jewelry. 146,118; Dec. 24.
Moss, Nathaniel, Brooklyn, N. Y. Decorative device for trays, mirrors, or the like. 144,797; May 21.
Motley, John H. C., and H. J. G. Walter, Chicago, Ill. Amusement apparatus. 145,099; June 25.
Motor Wheel Corporation, assignee: *See*—
Wilson, Lawrence H.
Muench, Toni O., East Liverpool, Ohio, assignor to Mayer China Company, Beaver Falls, Pa. Plate or the like. 143,985; Feb. 26.
Muller, Henry J., Lancaster, Pa. Table mat or similar article. 145,322; July 30.
Muller-Munk, Peter, Pittsburgh, Pa., assignor to Illinois Watch Case Co., Elgin, Ill. Vanity case. 145,100; June 25.
Mullins Manufacturing Corporation, assignee: *See*—
Stanitz, Jacques.
Whitlock, George E.
Multi Slide Instrument Corp., assignee: *See*—
Carduner, William, and LeKashman.
Multi-Sort Systems Incorporated, assignee: *See*—
Hooe, Hunter E., and Mehan.
Multiple Displays, Inc., assignee: *See*—
Andrews, Charles T.
Muncheryan, Hrand M., Alhambra, Calif. Game board. 146,060; Dec. 10.
Murphy, William H., assignee: *See*—
Kritske, Victor J. and J. M.
Murray, Marion, San Jose, Calif. Clock housing. 144,210; Mar. 19.
Myers, F. E., & Bro. Co., The, assignee: *See*—
Conery, William J.
Myers, Louis, Rockford, Ill. Drink mixer. 143,929; Feb. 19.
Myers, Louis, Rockford, Ill. Motor for an electrically driven mixer. 143,930; Feb. 19.
Mysels, George, New York, N. Y. Set of picture game pieces. 145,408; Aug. 13.
Naidish, Abraham, New York, N. Y. Sweater. 145,409; Aug. 13.
Naidish, Abraham, North Bergen, N. J. Sweater or similar article. 146,150; Dec. 31.
Nalick, Albert, Los Angeles, Calif. Finger ring. 145,029; June 18.
Nalick, Albert, Los Angeles, Calif. Finger ring or similar article. 145,848; Oct. 29.
Narrow Fabric Company, The, assignee: *See*—
Busch, Conrad J.
Nash, Harold S., assignor to N. M. Salkover, Cincinnati, Ohio. Cocktail shaker. 143,986; Feb. 26.
Nathan Manufacturing Company, assignee: *See*—
Folke, Bengt E., and Shepard.
National Acme Company, The, assignee: *See*—
Drissner, Alfred E.
National Geographic Society, assignee: *See*—
Riddiford, Charles E.
National Instrument Corporation, assignee: *See*—
Racine, Karl, and Shelton.
National Lock Company, assignee: *See*—
Giraldi, William A.
National Silver Company, assignee: *See*—
Finley, Barney.
Natkiel, Harry, assignor to Pinlox Products Co., New York, N. Y. Hair curler. 145,456; Aug. 20.
Navy, United States of America as represented by the Secretary of the, assignee: *See*—
Freeman, Robert M.
Neats, Lester P., East Orange, N. J. Spool holder. 146,009; Dec. 3.
Nemeth, Otto R., assignor to Otto R. Nemeth, Inc., Chicago, Ill. Projector. 146,151; Dec. 31.
Nemeth, Otto R., Inc., assignee: *See*—
Nemeth, Otto R.
Nettleton, George E., Jr., Hollywood, assignor to Lockheed Aircraft Corporation, Burbank, Calif. Humidor or similar article. 143,615; Jan. 22.
Neumann, Charles A., and H. H. Baca, Corpus Christi, Tex. Airplane. 145,904; Nov. 12.
Neumann, Charles A., and H. H. Baca, Corpus Christi, Tex. Airplane. 145,905; Nov. 12.
Neumann, Charles A., and H. H. Baca, Corpus Christi, Tex. Airplane. 145,906; Nov. 12.
Neumann, Charles A., and H. H. Baca, Corpus Christi, Tex. Airplane. 145,907; Nov. 12.
Newcomer, Ernest J., assignor to Floorola Products, Inc., York, Pa. Scrubbing, waxing, and polishing machine. 145,224; July 16.
Newman, Max M., New York, N. Y. Ash tray or similar article. 144,410; Apr. 9.
Newman, Max M., New York, N. Y. Hair curler. 145,908; Nov. 12.
Newman, Max M., New York, N. Y. Ash tray or similar article. 146,152; Dec. 31.
Newman, Richard, New York, N. Y. Magazine and paper holder. 145,225; July 16.
New Plastic, assignee: *See*—
Stumpf, Elmer J.
Ney, Pauline D., Venice, Calif. Slipper or similar article. 144,255; Mar. 26.
Niagara Duplicate Co., assignee: *See*—
Palma, Joseph.
Nicholson, Albert H., assignor to The Federal Glass Company, Columbus, Ohio. Glass tumbler or article of similar nature. 144,300; Apr. 2.
Nicholson, Ralph A., assignor to R. T. Moloney, Chicago, Ill. Cabinet for a beverage dispenser. 145,903; Nov. 12.
Nields, Charles C., Los Angeles, Calif. Piano. 143,501; Jan. 8.
Niemann, Harold H., assignor to Prentiss Wabers Products Co., Wisconsin Rapids, Wis. Top unit for oil cooking stoves. 145,030; June 18.

Nierenberg, Theodore D., and G. Daelemans, Dayton, Ohio, assignors to Etched Products Corporation, Long Island City, N. Y. Combined toaster and hot plate. 145,410; Aug. 13.

Nineteen Hundred Corporation, assignee: *See*—
Sundberg, Carl W.
Walter, John H.

Nitardy, Carl, New York, N. Y., assignor to Sylvania Electric Products, Inc., Salem, Mass. Fluorescent lighting fixture. **145,323; July 30.**

Noble, F. H., & Company, assignee: *See*—
Ropp, Hubert.

Nock, Harold E., assignor to Towle Manufacturing Company, Newburyport, Mass. Fork or similar article. 144,620; May 7.

Nock, Harold E., Newburyport, assignor to Towle Manufacturing Company, Newburyport, Mass. Fork or analogous article. 144,868; May 28.

Noell Products Company, assignee: *See*—
Farber, Lillian.

Norcross, assignee: *See*—
Norcross, Arthur D.

Norcross, Arthur D., assignor to Norcross, New York, N. Y. Doll. 145,101; June 25.

Norcross, Arthur D., assignor to Norcross, New York, N. Y. Doll. 145,102; June 25.

North American Aviation, Inc., assignee: *See*—
Schmued, Edgar.

Northrop Aircraft, Inc., assignee: *See*—
Northrop, John K.
Northrop, John K., and Sears.
Northrop, John K., Cerny, Baum, and Schwartz.

Northrop, John K., Los Angeles, assignor to Northrop Aircraft Inc., Hawthorne, Calif. Airplane. 143,847; Feb. 12.

Northrop, John K., Los Angeles, assignor to Northrop Aircraft, Inc., Hawthorne, Calif. Airplane. 143,848; Feb. 12.

Northrop, John K., Los Angeles, assignor to Northrop Aircraft, Inc., Hawthorne, Calif. Airplane. 143,849; Feb. 12.

Northrop, John K., Los Angeles, assignor to Northrop Aircraft, Inc., Hawthorne, Calif. Airplane. 143,850; Feb. 12.

Northrop, John K., Los Angeles, assignor to Northrop Aircraft, Inc., Hawthorne, Calif. Airplane. 143,851; Feb. 12.

Northrop, John K., Los Angeles, assignor to Northrop Aircraft, Inc., Hawthorne, Calif. Airplane. 143,852; Feb. 12.

Northrop, John K., Los Angeles, assignor to Northrop Aircraft, Inc., Hawthorne, Calif. Airplane. 143,853; Feb. 12.

Northrop, John K., Los Angeles, assignor to Northrop Aircraft, Inc., Hawthorne, Calif. Airplane. 143,854; Feb. 12.

Northrop, John K., Los Angeles, assignor to Northrop Aircraft, Inc., Hawthorne, Calif. Airplane. 143,855; Feb. 12.

Northrop, John K., Los Angeles, assignor to Northrop Aircraft, Inc., Hawthorne, Calif. Airplane. 143,856; Feb. 12.

Northrop, John K., Los Angeles, assignor to Northrop Aircraft, Inc., Hawthorne, Calif. Airplane. 143,857; Feb. 12.

Northrop, John K., Los Angeles, assignor to Northrop Aircraft, Inc., Hawthorne, Calif. Airplane. 143,858; Feb. 12.

Northrop, John K., Los Angeles, assignor to Northrop Aircraft, Inc., Hawthorne, Calif. Airplane. 143,859; Feb. 12.

Northrop, John K., Los Angeles, assignor to Northrop Aircraft, Inc., Hawthorne, Calif. Airplane. 143,860; Feb. 12.

Northrop, John K., Los Angeles, assignor to Northrop Aircraft, Inc., Hawthorne, Calif. Airplane. 143,861; Feb. 12.

Northrop, John K., Los Angeles, assignor to Northrop Aircraft, Inc., Hawthorne, Calif. Airplane. 143,862; Feb. 12.

Northrop, John K., Los Angeles, assignor to Northrop Aircraft, Inc., Hawthorne, Calif. Airplane. 143,863; Feb. 12.

Northrop, John K., Los Angeles, assignor to Northrop Aircraft, Inc., Hawthorne, Calif. Airplane. 143,864; Feb. 12.

Northrop, John K., Los Angeles, assignor to Northrop Aircraft, Inc., Hawthorne, Calif. Airplane. 143,866; Feb. 12.

Northrop, John K., Los Angeles, assignor to Northrop Aircraft, Inc., Hawthorne, Calif. Airplane. 143,867; Feb. 12.

Northrop, John K., Los Angeles, assignor to Northrop Aircraft, Inc., Hawthorne, Calif. Airplane. 143,868; Feb. 12.

Northrop, John K., Los Angeles, assignor to Northrop Aircraft, Inc., Hawthorne, Calif. Airplane. 143,869; Feb. 12.

Northrop, John K., Los Angeles, assignor to Northrop Aircraft, Inc., Hawthorne, Calif. Airplane. 143,870; Feb. 12.

Northrop, John K., Los Angeles, assignor to Northrop Aircraft, Inc., Hawthorne, Calif. Airplane. 143,871; Feb. 12.

Northrop, John K., Los Angeles, assignor to Northrop Aircraft, Inc., Hawthorne, Calif. Airplane. 143,872; Feb. 12.

Northrop, John K., Los Angeles, assignor to Northrop Aircraft, Inc., Hawthorne, Calif. Airplane. 143,873; Feb. 12.

Northrop, John K., Los Angeles, assignor to Northrop Aircraft, Inc., Hawthorne, Calif. Airplane. 143,874; Feb. 12.

Northrop, John K., and W. R. Sears, Los Angeles, assignors to Northrop Aircraft, Inc., Hawthorne, Calif. Airplane. 143,865; Feb. 12.

Northrop, John K., W. J. Cerny, and F. J. Baum, Los Angeles, and A. M. Schwartz, Palos Verdes, assignors to Northrop Aircraft, Inc., Hawthorne, Calif. Airplane. 144,211; Mar. 19.

Nowak, Leon, Jr., Jr., Chicago, Ill. Toy boat or similar article. 145,873; Nov. 5.

Nudelman, Eolna, Chicago, Ill. Toy helicopter. 143,616; Jan. 22.

Nulty, William B., trustee, assignee, et al.: *See*—
Shepard, Ernest L.

Nuproducts Corporation, assignee: *See*—
Smith, Roland L.

Obergfell, Amanda, executrix: *See*—
Obergfell, Herbert F.

Obergfell, Herbert F., deceased; by A. Obergfell executrix, River Forest, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Substation telephone instrument. 144,130; Mar. 12.

Ohlein, Henry L., Chili, N. Y. Jewelry stand. 144,411; Apr. 9.

O'Brien, Joseph F., Lebanon, N. J. Feed section unit for electrical wiring systems. 144,930; June 4.

Ocone, Albert V., Hamden, assignor to Dexter Company, Incorporated, New Haven, Conn. Mailbox. 144,631; May 7.

O'Connor, Jack N. and S. M., Los Angeles, Calif. Child's vehicle. 145,324; July 30.

O'Connor, Stella M.: *See*—
O'Connor, Jack N. and S. M.

Odiorne, Richard L., Yellow Springs, and J. S. Monroe, Springfield, Ohio, Clothesline clamp. 145,256; July 23.

Odlum, William H., Wilmette, assignor to Duro Metal Products Company, Chicago, Ill. Tool handle. 143,931; Feb. 19.

O'Donnell, Edwin, Alhambra, Calif. Dental occlusion apparatus. 143,987; Feb. 26.

Ogden, Paul L., New York, N. Y. Pipe rack. 145,031; June 18.

Ohm, Albert J. D., assignor to Markel Electric Products, Inc., Buffalo, N. Y. Electric light bowl. 144,131; Mar. 12.

Ohm, Albert J. D., assignor to Markel Electric Products, Inc., Buffalo, N. Y. Electric light bowl. 144,869; May 28.

Olivier, Louise M. G., Hull, Quebec, Canada. Clothespin. 143,439; Jan. 1.

Oliszewski, Edward, Detroit, Mich. Picture frame. 145,257; July 23.

Oneida Ltd., assignee: *See*—
Allen, Grosvenor N., and Fleming.

O'Neill, Joseph V., New Orleans, La. Motor vehicle. 145,141; July 2.

Opperman, Roy, assignor to Sunmaster Products Corporation, Miamisburg, Ohio. Electric iron. 143,502; Jan. 8.

Orenstein, John, Minneapolis, Minn. Prescription spoon. 144,212; Mar. 19.

Orkin, Samuel, assignor to Harvey Machine Co., Inc., Los Angeles, Calif. Toy boat. 145,532; Sept. 3.

Ornstein, D., & Sons, assignee: *See*—
Lippincott, Joshua G.

Ornstein, Lee, Chicago, Ill. Game board. 143,440; Jan. 1.

Ostler, Marianne, New York, N. Y. Wrist watch. 145,490; Aug. 27.

Ostler, Marianne, New York, N. Y. Watchcase. 145,673; Oct. 1.

Ostler, Marianne, New York, N. Y. Watchcase. 145,674; Oct. 1.

Ostler, Marianne, New York, N. Y. Watchcase. 145,675; Oct. 1.

Ottawa Steel Products, Incorporated, assignee: *See*—
Simmonds, Wayne W.

Otto, Carl L.: *See*—
Hutt, Albert E., and Otto.

Otto, Carl L., New York, N. Y., assignor to C. E. Hovey, Kansas City, Mo., trustee. Vending machine. 143,747; Feb. 5.

Otto, Ferdinand P., assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth. 144,798; May 21.

Otto, Ferdinand P., assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth. 145,584; Sept. 10.

Overath, George N., Belleville, assignor to Engineers, Incorporated, Irvington, N. J. Toy ferry boat. 145,142; July 2.

Owen, Harold R., Venice, assignor to Electrical Products Corporation, Los Angeles, Calif. Font of sign panel letters. 144,978; June 11.

Owen, Harold R., Venice, assignor to Electrical Products Corporation, Los Angeles, Calif. Font of sign panel letters. 144,979; June 11.

Owens, Freeman H., New York, N. Y. Camera. 145,744; Oct. 15.

Owens-Illinois Glass Company, assignee: *See*—
Meyers, Willard F.

Pachner & Koller, Inc., assignee: *See*—
Sharps, George J.

Pacific Marine Supply Company, assignee: *See*—
Harris, Walter J.

Pacific Stamping Company, assignee: *See*—
Moore, Frank A.

Paden, Frederick T., U. S. Army, Collingswood, N. J. Armchair. 144,065; Mar. 5.

Paden, Frederick T., U. S. Army, Collingswood, N. J. Davenport. 144,066; Mar. 5.

Pagila, Joseph, Chicago, Ill. Airplane or similar article. 144,067; Mar. 5.

Paladini, Arcangelo, New York, N. Y. Plaque. 145,457; Aug. 20.

Paley, Albert A., Kew Gardens, assignor to Eagle Automatic Sales Corp., New York, N. Y. Soft drink bar. 144,931; June 4.

Palliser, Leonard, New York, N. Y. Lapel pin or similar article. 143,748; Feb. 5.

Palma, Joseph, Chicago, Ill., assignor to Niagara Duplicator Co. Duplicator. 143,875; Feb. 12.

Palma, Joseph, Jr., assignor to G-M Laboratories, Inc., Chicago, Ill. Film slide projector. 144,727; May 14.

Palmer, Irwin H., and R. E. Williamson, Aberdeen, S. Dak. Combined knife and gripping tool. 143,670; Jan. 29.

Panzer, Charles, New York, N. Y. Wallet. 145,849; Oct. 29.

Panzer, Charles, New York, N. Y. Wallet. 145,850; Oct. 29.

Panzer, Charles, New York, N. Y. Wallet. 145,851; Oct. 29.

Panzer, Charles, New York, N. Y. Wallett. 145,852; Oct. 29.

Panzer, Charles, New York, N. Y. Wallet. 145,853; Oct. 29.

Panzer, William C., Chicago, Ill. Ash stand. 143,671; Jan. 29.

Panzer, William C., Chicago, Ill. Smoker's stand. 143,876; Feb. 12.

Pappas, Nick G., Detroit, Mich. Airplane. 145,226; July 16.

Para Tl Corporation, assignee: *See*—
Barger, Charles H., Jr.

Park, Arthur Y., Los Angeles, Calif. Fabric. 145,745; Oct. 15.

Park, Arthur Y., Los Angeles, Calif. Fabric. 145,746; Oct. 15.

Park, Arthur Y., Los Angeles, Calif. Fabric. 145,747; Oct. 15.

Park, Arthur Y., Los Angeles, Calif. Fabric. 145,748; Oct. 15.

Park, Arthur Y., Los Angeles, Calif. Fabric. 145,749; Oct. 15.

Park, Arthur Y., Los Angeles, Calif., assignor to Goldinger Fabrics Company. Fabric. 143,503; Jan. 8.

Park, Arthur Y., Los Angeles, Calif., assignor to Goldinger Fabrics Company. Fabrics. 143,617; Jan. 22.

Park, Arthur Y., Los Angeles, Calif., assignor to Goldinger Fabrics Company. Fabric. 143,618; Jan. 22.

Park, Arthur Y., Los Angeles, Calif., assignor to Goldinger Fabrics Company. Fabric. 143,619; Jan. 22.

Park, Arthur Y., Los Angeles, Calif., assignor to Goldinger Fabrics Company. Fabric. 143,620; Jan. 22.

Park, Arthur Y., Los Angeles, Calif., assignor to Goldinger Fabrics Company. Fabric. 143,621; Jan. 22.

Park, Arthur Y., Los Angeles, Calif., assignor to Goldinger Fabrics Company. Fabric. 143,622; Jan. 22.

Park, Arthur Y., Los Angeles, Calif., assignor to Goldinger Fabrics Company. Fabric. 145,032; June 18.

Park, Arthur Y., Los Angeles, Calif., assignor to Goldinger Fabrics Company. Fabric. 145,033; June 18.

Park, Arthur Y., Los Angeles, Calif., assignor to Goldinger Fabrics Company. Fabric. 145,034; June 18.

Park, Arthur Y., Los Angeles, Calif., assignor to Goldinger Fabrics Company. Fabric. 145,035; June 18.

Park, Arthur Y., Los Angeles, Calif., assignor to Goldinger Fabrics Company. Fabric. 145,036; June 18.

Park, Arthur Y., Los Angeles, Calif., assignor to Goldinger Fabrics Company. Fabric. 145,037; June 18.

Park, Arthur Y., Los Angeles, Calif., assignor to Goldinger Fabrics Company. Fabric. 145,038; June 18.

Park, Arthur Y., Los Angeles, Calif., assignor to Goldinger Fabrics Company. Fabric. 145,039; June 18.

Park, Arthur Y., Los Angeles, Calif., assignor to Goldinger Fabrics Company. Fabric. 145,040; June 18.

Park, Arthur Y., Los Angeles, Calif., assignor to Goldinger Fabrics Company. Fabric. 145,041; June 18.

Park, Arthur Y., Los Angeles, Calif., assignor to Goldinger Fabrics Company. Fabric. 145,042; June 18.

Park, Arthur Y., Los Angeles, Calif., assignor to Goldinger Fabrics Company. Fabric. 145,043; June 18.

Park, Arthur Y., Los Angeles, Calif., assignor to Goldinger Fabrics Company. Fabric. 145,044; June 18.

Parks, Russell V., assignor to Addressograph-Multigraph Corporation, Cleveland, Ohio. Cabinet. 143,441; Jan. 1.

Parmely, Lyle E.: *See*—
Tydon, Walter, and Parmely.

Patner, Saul, Chicago, Ill. Combined coaster wagon and scooter. 146,061; Dec. 10.

Patterson, Chester A., Milwaukee, Wis. Store front. 143,749; Feb. 5.

Paulson, Henry, and Company, assignee: *See*—
While, Roy R.

Pauly, Leonard J., Chicago, Ill. Tie rack. 145,874; Nov. 5.

Pavelka, Joseph, Jr., St. Louis, Mo. Coffee maker. 144,728; May 14.

Pawsat, Ewald F., Maysville, Ky. Bicycle steering post. 146,119; Dec. 24.

Payne, Edna S., New York, N. Y. Shoe. 145,816; Oct. 22.

Payne, Edna S., New York, N. Y. Combined heel and counter unit for a shoe or similar article. 145,817; Oct. 22.

Payne, Edna S., New York, N. Y. Sandal. 145,818; Oct. 22.

Peacock, Finley C., and J. B. Engel, assignors to Bay West Paper Company, Green Bay, Wis. Towel cabinet for outdoor use at filling stations and the like. 144,729; May 14.

Pearsall, Frederick J., Clayville, assignor to Marleen Costume Jewelry Company, Providence, R. I. Brooch or similar article. 144,575; Apr. 30.

Pearsall, Frederick J., Clayville, assignor to Marleen Costume Jewelry Company, Providence, R. I. Brooch or similar article. 144,576; Apr. 30.

Pearsall, Frederick J., Clayville, assignor to Marleen Costume Jewelry Company, Providence, R. I. Brooch or similar article. 144,577; Apr. 30.

Pearsall, Frederick J., Clayville, assignor to Marleen Costume Jewelry Company, Providence, R. I. Brooch or similar article. 144,578; Apr. 30.

Pearsall, Frederick J., Clayville, assignor to Marleen Costume Jewelry Company, Providence, R. I. Brooch or similar article. 144,579; Apr. 30.

Pearson, Joseph T., Jr., Huntingdon Valley, Pa. Shoeshine box. 145,143; July 2.

Pecker, Joseph S., and A. E. Larsen, Philadelphia, Pa. Rotary wing aircraft. 143,504; Jan. 8.

Peden, Francis A., Brooklyn, N. Y. Ash tray. 144,632; May 7.

Peerless Tool & Engineering Co., assignee: *See*—
Andresen, Raymond H.

Pelkin, Maurice B., New York, N. Y. Watch case. 144,932; June 4.

Pelzmann, Alfred, Chicago, Ill. Toy cat or the like. 144,980; June 11.

Pelzmann, Alfred, Chicago, Ill. Toy mouse or the like. 144,981; June 11.

Pennino, Oreste, New York, N. Y. Pin or similar article. 143,877; Feb. 12.

Pennino, Oreste, New York, N. Y. Pin or similar article. 143,878; Feb. 12.

Pennino, Oreste, New York, N. Y. Jewelry finding for a pin or similar article. 143,988; Feb. 26.

Pepsi-Cola Company, assignee: *See*—
Immoor, Alfred F.

Perkins, Kendall, assignor to McDonnell Aircraft Corporation, St. Louis, Mo. Airplane. 144,132; Mar. 12.

Pernini, Henry M., Chicago, Ill. Combined comb and comb cleaning brush. 144,133; Mar. 12.

Perper, Kay, New York, N. Y. Toy horse or similar article. 144,134; Mar. 12.

Perrault, Edouard N., Minneapolis, Minn. Child's chair. 144,730; May 14.

Perry, Chesley R., Chicago, Ill. Flag. 144,412; Apr. 9.

Petremont, Gordon A., Boston, A. K. Benjamin, Newton Highlands, and E. C. Brown, Belmont, assignors to The Gobelin Company, Inc., Cambridge, Mass. Merchandising display cabinet or similar article. 145,952; Nov. 19.

Petzold, William B., Pittsfield, Mass., assignor to General Electric Company. Gift box. 145,698; Oct. 8.

Pfohl, Louis H., Forest Hills, assignor to Design Center Inc., New York, N. Y. Rouge holder. 144,413; Apr. 9.

Pfursich, Edwin G., assignor to Phoenix Table Mat Co., Chicago, Ill. Stove mat. 143,623; Jan. 22.

Philco Radio and Television Corporation, assignee: *See*—
Dailey, Donald E.

Philippe, Alfred, Scarsdale, N. Y. Earring or similar article. 143,989; Feb. 26.

Philippe, Alfred, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., Providence, R. I. Earring. 143,750; Feb. 5.

Philippe, Alfred, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., Providence, R. I. Brooch or similar article. 143,751; Feb. 5.

Philippe, Alfred, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., Providence, R. I. Bracelet or similar article. 143,752; Feb. 5.

Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel Inc., New York, N. Y. Brooch or similar article. 145,258; July 23.

Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel Inc., New York, N. Y. Brooch or similar article. 145,259; July 23.

Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel Inc., New York, N. Y. Brooch or similar article. 145,260; July 23.

Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel Inc., New York, N. Y. Brooch or similar article. 145,261; July 23.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel Inc., New York, N. Y. Earring or similar article. 145,262; July 23.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel Inc., New York, N. Y. Earring or similar article. 145,263; July 23.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel Inc., New York, N. Y. Earring or similar article. 145,264; July 23.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel Inc., New York, N. Y. Earring or similar article. 145,265; July 23.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel Inc., New York, N. Y. Pin clip or similar article. 145,266; July 23.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel Inc., New York, N. Y. Pin clip or similar article. 145,267; July 23.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel Inc., New York, N. Y. Brooch or similar article. 145,268; July 23.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel Inc., New York, N. Y. Brooch or similar article. 145,269; July 23.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel Inc., New York, N. Y. Pin clip or similar article. 145,270; July 23.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel Inc., New York, N. Y. Pin clip or similar article. 145,271; July 23.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel Inc., New York, N. Y. Brooch or similar article. 145,272; July 23.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel Inc., New York, N. Y. Pin clip or similar article. 145,273; July 23.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel Inc., New York, N. Y. Brooch or similar article. 145,325; July 30.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel Inc., New York, N. Y. Earring or similar article. 145,326; July 30.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel Inc., New York, N. Y. Brooch or similar article. 145,533; Sept. 3.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel Inc., New York, N. Y. Brooch or similar article. 145,585; Sept. 10.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 145,676; Oct. 1.
Phillips, Donald B., New York, N. Y. Combination recording booth and photo studio. 144,256; Mar. 26.
Phillips, Oliver V., Denver, Colo. Rocking horse. 144,513; Apr. 23.
Phoenix Table Mat Co., assignee: *See*—
Pfursich, Edwin G.
Pichel, Irving, New York, N. Y. Handbag. 144,731; May 14.
Pinelli, Anthony, Brooklyn, N. Y. Refrigerator cabinet. 143,753; Feb. 5.
Pinelli, Anthony, Brooklyn, assignor to Reeves-Ely Laboratories, Inc., New York, N. Y. Mobile server. 145,458; Aug. 20.
Pinlox Products Co., assignee: *See*—
Natkiel, Harry.
Piotraschke, Fred J., Clayton, Mo. Barber's chair. 144,068; Mar. 5.
Piper Aircraft Corporation, assignee: *See*—
Jamouneau, Walter C.
Piraino, Mario J., Pittsburgh, Pa. Display plaque or similar article. 144,135; Mar. 12.
Pitman-Dreitzer & Co., Inc., assignee: *See*—
Dreitzer, Albert J.
Fordyce, Charles L.
Plasket, Chester S., assignor to The Bixler Corporation, Cleveland, Ohio. Combined display fixture and brush container. 145,045; June 18.
Plastic Art Toy Corporation of America, assignee: *See*—
Brunetti, Joseph.
Plastic Parts Development Company, assignee: *See*—
Shapiro, Benjamin H., Thomas and Hohl.
Plastics Design Guild, assignee: *See*—
Dougherty, John S.
Plasto Manufacturing Company, assignee: *See*—
Tolpo, Lily M.
Platkin, Daniel, Los Angeles, Calif. Combination electric toaster and cooker or similar article. 144,870; May 28.
Plebanek, Leonard Z., Chicago, Ill. Rolling clown ball. 145,575; Nov. 5.
Plumer, Frederick W., Wilmette, assignor of one-half to F. Rosenberg, Chicago, Ill. Toy figure block. 144,982; June 11.
Plumer, Frederick W., Wilmette, assignor of one-half to F. Rosenberg, Chicago, Ill. Toy figure block. 144,983; June 11.
Plumer, Frederick W., Wilmette, assignor of one-half to F. Rosenberg, Chicago, Ill. Toy figure block. 144,984; June 11.
Plumer, Frederick W., Wilmette, assignor of one-half to F. Roseberg, Chicago, Ill. Toy figure block. 144,985; June 11.
Polaroid Corporation, assignee: *See*—
Baratelli, Charles A.
Fairbank, Murry N., and Marsh.
Fuller, Carlton P.
Williams, Charles W.
Polloway, Peter P., Forest Park, Ill. Arm attachment for a gauge. 146,120; Dec. 24.
Pomerantz, Herman, New York, N. Y. Buckle. 146,153; Dec. 31.
Pond, William B., West Englewood, and G. R. Holt, Hohokus, assignors to Bendix Aviation Corporation, Bendix, N. J. Filter unit or similar article. 143,545; Jan. 15.
Pons, Helene, New York, N. Y. Apron. 145,327; July 30.
Post, Harold P., Hartford, and L. C. McMullen, West Hartford, Conn. Automobile body. 145,534; Sept. 3.
Post, Speed L., assignee, et al.: *See*—
Burke, James D.
Powell, Allen S., Wilkes-Barre, Pa. Shrine. 145,983; Nov. 26.
Powers, George, Alameda, Calif. Book stand. 145,103; June 25.
Powers, John J., St. Louis, Mo. Truck. 143,990; Feb. 26.
Powers, John J., St. Louis, Mo. Truck. 143,991; Feb. 26.
Powers, John J., St. Louis, Mo. Truck. 143,992; Feb. 26.
Powers, John J., St. Louis, Mo. Truck. 143,993; Feb. 26.
Poyer, Harland M.: *See*—
Bowers, Herbert L., and Poyer.
Poyer, Harland M., Lewiston, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Airplane. 144,933; June 4.
Pratt, Verneur E., and G. F. Gray, Norwalk, Conn. Camera. 144,136; Mar. 12.
Preble, Harry, Jr., New York, N. Y., assignor to International Plastic Corporation, Morristown, N. J. Tape dispenser. 144,213; Mar. 19.
Preble, Harry, Jr., New York, N. Y., assignor to International Plastic Corporation, Morristown, N. J. Tape dispenser. 144,214; Mar. 19.
Preble, Harry, Jr., New York, N. Y., assignor to International Plastic Corporation, Morristown, N. J. Tape dispenser. 144,215; Mar. 19.
Preble, Harry, Jr., New York, N. Y., assignor to International Plastic Corporation, Morristown, N. J. Reel for tape cores. 144,301; Apr. 2.
Preble, Harry, Jr., New York, N. Y., assignor to International Plastic Corporation, Morristown, N. J. Tape dispenser. 145,699; Oct. 8.
Preble, Harry, Jr., New York, assignor to The Jacobs Bros. Co., Inc., Brooklyn, N. Y. Scale. 146,154; Dec. 31.
Premas, Peter S., Chicago, Ill. Collar stay. 143,754; Feb. 5.
Premier Optical Products, Inc., assignee: *See*—
Blake, Charles D.
Prentiss Wabers Products Co., assignee: *See*—
Niemann, Harold H.
Pressner, Max, assignee: *See*—
Dunn, Vincent J.
Prewitt, Richard H., Lansdowne, Pa., assignor to Kellett Aircraft Corporation. Helicopter. 144,986; June 11.
Price, James R., Cranston, assignor to Gorham Manufacturing Company, Providence, R. I. Fork or other article of flatware. 143,624; Jan. 22.
Price, James R., Cranston, assignor to The Alvin Corporation, Providence, R. I. Fork or other article of flatware. 145,144; July 2.
Price-Pfister Mfg. Co., assignee: *See*—
Hinderer, Gottlob.
Prince, Earl S., and J. Brotheridge, Rock Falls, Ill. Drink mixer. 144,934; June 4.
Pro, George M.: *See*—
Shreve, Kenneth E., and Pro.
Promer, Alfred G., Detroit, Mich. Toy figure. 144,414; Apr. 9.
Prosperity Company, Inc., The, assignee: *See*—
Gayring, Wallace F.
Pryne, Ralph, Los Angeles, Calif. Blow fan. 145,227; July 16.
Putterman, Benjamin, Brooklyn, N. Y., assignor to Yankee Metal Products Corp., Norwalk, Conn. Rear view automobile mirror. 145,459; Aug. 20.
Quaker Lace Company, assignee: *See*—
Hooven, Howard.
Otto, Ferdinand P.
Rogers, William.
Wolf, William.
Quality Hardware and Machine Corporation, assignee: *See*—
Snyder, Leland H.
Snyder, Leland H., and Wiser.
Snyder, Leland H., and Yost.
Quinby, Mary L., Los Angeles, Calif. Toy animal figure or similar article. 145,854; Oct. 29.
Quiring-Owston, Inc., assignee: *See*—
Quiring, William.
Quiring, William, assignor to Quiring-Owston, Inc., Wichita, Kans. Golf bag cart. 144,069; Mar. 5.
Quon, King, San Diego, Calif. Box. 143,505; Jan. 8.
R-W Manufacturing Company, assignee: *See*—
Rains, Robert S.

Racine, Karl, Houston, and V. P. Shelton, San Antonio, assignors to National Instrument Corporation, Houston, Tex. Photographic enlarger. 145,855; Oct. 29.
Radio Corporation of America, assignee: *See*—
Brown, George H.
Rado, Ladislav L.: *See*—
Schladermundt, Peter, and Rado.
Radow, Zelda, New York, N. Y. Jar or similar article. 144,732; May 14.
Rains, Robert S., assignor to R-W Manufacturing Company, Los Angeles, Calif. Work-illuminating tool. 145,361; Aug. 6.
Ralston, Robert P., Columbus, Ohio. Chair. 145,535; Sept. 3
Ramsey, Marguerite H., Brooklyn, N. Y. Cosmetic container. 145,819; Oct. 22.
Randell, Leo R., assignor to Ditto, Incorporated, Chicago, Ill. Duplicating machine. 146,121; Dec. 24.
Randolph, Raphael, La Grange, Tex. Combination arbor and bookend. 145,953; Nov. 19.
Rapp, Melville B., Miami Beach, Fla. Font of type. 144,580; Apr. 30.
Rapp, Melville B., Miami Beach, Fla. Font of type. 144,581; Apr. 30.
Rapport, Solomon, New York, N. Y. Egg boiling rack. 143,755; Feb. 5.
Rasmussen, Carl C. H., Silver Spring, Md. Cooking stove. 144,070; Mar. 5.
Rassnick, Abraham, Elmhurst, Long Island, N. Y. Toy. 144,582; Apr. 30.
Rath, Frank H., Garden City, N. Y. Handbag. 143,932; Feb. 19.
Rath, Frank H., Garden City, N. Y. Handbag. 143,933; Feb. 19.
Rath, Frank H., Garden City, N. Y. Handbag. 143,934; Feb. 19.
Rath, Frank H., Garden City, N. Y. Handbag. 144,137; Mar. 12.
Rath, Frank H., Garden City, N. Y. Handbag. 144,514; Apr. 23.
Rath, Frank H., Garden City, N. Y. Handbag. 144,733; May 14.
Rauch, Nathan A., New York, N. Y. Coat. 143,506; Jan. 8.
Rauch, Nathan A., New York, N. Y. Coat. 143,507; Jan. 8.
Rausch, Martin J., assignor to The Imperial Brass Manufacturing Company, Chicago, Ill. Handle for valves or the like. 145,604; Sept. 17.
Raytheon Manufacturing Company: *See*—
Krini, Norman B.
Read, Julia, New York, N. Y. Hanger or similar article. 144,871; May 28.
Read, Julia, New York, N. Y. Hanger or similar article. 145,856; Oct. 29.
Read, Julia, New York, N. Y. Hanger or similar article. 145,857; Oct. 29.
Red Jacket Manufacturing Co., assignee: *See*—
Deters, Elmer M.
Redman, Harry, New York, N. Y. Suit. 145,536; Sept. 3.
Redman, Harry, New York, N. Y. Coat. 145,537; Sept. 3
Reed, Willie, assignor of one-half to C. C. Jackson, Memphis, Tenn. Automobile. 145,984; Nov. 26.
Reeves-Ely Laboratories, Inc., assignee: *See*—
Florian, Gordon W.
Pinelli, Anthony.
Reid, Rose M., Vancouver, British Columbia, Canada. Bathing suit. 144,515; Apr. 23.
Reiff, Earl J., Alliance, Ohio. Game board. 143,625; Jan. 22.
Reiff, Earl J., Alliance, Ohio. Wheeled toy. 144,468; Apr. 16.
Reilly, Alfred F., North Attleboro, Mass. Receptacle for cosmetics and other articles. 144,987; June 11.
Reilly, Alfred F., North Attleboro, Mass. Receptacle for cosmetics and other articles. 145,046; June 18.
Reilly, William J., Taunton, Mass. Ornament for cosmetic receptacles and other articles. 144,415; Apr. 9.
Reilly, William J., Taunton, Mass. Ornament for cosmetic receptacles and other articles. 144,416; Apr. 9.
Reilly, William J., Taunton, Mass. Receptacle for cosmetics and other articles. 144,516; Apr. 23.
Reilly, William J., Taunton, Mass. Receptacle for cosmetics and other articles. 144,517; Apr. 23.
Reilly, William J., Taunton, Mass. Receptacle for cosmetics and other articles. 144,518; Apr. 23.
Reilly, William J., Taunton, Mass. Receptacle for cosmetics and other articles. 144,519; Apr. 23.
Reilly, William J., Taunton, Mass. Trimming for receptacles for cosmetics and other articles. 144,734. May 14.
Reilly, William J., Taunton, Mass. Receptacle for cosmetics and other articles. 144,935; June 4.
Reilly, William J., Taunton, Mass. Receptacle for cigarettes and other articles. 145,047; June 18.
Reimoids, Fred G., assignee: *See*—
Hodil, Kenneth A.
Reinecke, Jean O., Oak Park, assignor to Walmark Mfg. Co., Downers Grove, Ill. Dispenser for powdered malted milk. 143,756; Feb. 5.
Reinecke Jean O., Oak Park, assignor to Hill-Shaw Company, Chicago, Ill. Cover for beverage brewer bowl 143,757; Feb. 5.
Reinecke, Jean O., Oak Park, Ill., assignor to W. A. Sheaffer Pen Company, Fort Madison, Iowa. Reservoir desk stand. 145,820; Oct. 22.
Reinhart, Nathaniel A., San Francisco, Calif. Inkwell. 144,216; Mar. 19.
Renard, Jack D., Seattle, Wash. Serving stand. 146,088; Dec. 17.
Renaud, Lucien, St. Albans, assignor to Roger & Gallet, New York, N. Y. Lipstick container or the like. 145,048; June 18.
Republic Aviation Corporation, assignee: *See*—
Kartvell, Alexander.
Kartvell, Alexander, and Berkow.
Rest, Barbara, assignor to Mario Tanzi, Chicago, Ill. Earring or similar article. 143,546; Jan. 15.
Revere Camera Company, assignee: *See*—
Briskin, Jack.
Revlon Products Corporation, assignee: *See*—
Colwell, Laurence.
Reynolds Metals Company, assignee: *See*—
Wemyss, Robert B.
Reynolds, Milton, Chicago, Ill. Fountain pen. 143,508; Jan. 8.
Reynolds, Milton, Chicago, Ill. Fountain pen. 145,586; Sept. 10.
Reynolds, Milton, Chicago, Ill. Fountain pen. 145,587; Sept. 10.
Rhines, Vee H., Dearborn, Mich. Educational game device. 143,935; Feb. 19.
Rhodes, Edgar P.: *See*—
Hall, Randolph F., and Rhodes.
Rhodes, Edgar P., Clarence, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Airplane. 143,758; Feb. 5.
Rhodes, Edgar P., Clarence, and R. F. Hall, Rochester, assignors to Bell Aircraft Corporation, Buffalo, N. Y. Airplane. 143,759; Feb. 5.
Rhodes, Grover C., Culver City, Calif. Table. 144,872; May 28.
Rhodes, Herbert E., La Mesa, Calif. Clothespin. 143,760; Feb. 5.
Rhodes, Kathryn, assignee: *See*—
Salter, Florence B.
Rice, Martin R., Birmingham, Ala. Game board. 145,362; Aug. 6.
Rich, Eugene J., Lawrence, N. Y. Pipe holder or similar article. 144,138; Mar. 12.
Rich, Frederick G. (change of name): *See*—
Meyer, Frederick G.
Richards, Charles, Quincy, Mass. Cup and saucer holder. 144,735; May 14.
Richards, Charles, Quincy, Mass. Plate holder. 144,736; May 14.
Richards, Harper, Chicago, Ill., assignor to Rilling Company, Minneapolis, Minn. Spray nozzle. 145,538; Sept. 3.
Richards, Kenneth D., Gardner, Mass. Fish lure body. 144,071; Mar. 5.
Richelieu, Marie Parfum Odesant, Inc., assignee: *See*—
Schwartz, Sylvan.
Richmond, Benjamin S., Brighton, Mass. Combined elastic shoelace and fastener. 144,988; June 11.
Richter, Maxwell, New York, N. Y. Dress. 143,879; Feb. 12.
Riddiford, Charles E., assignor to National Geographic Society, Washington, D. C. Font of type. 143,994 Feb. 26.
Riddiford, Charles E., assignor to National Geographic Society, Washington, D. C. Font of type. 143,995; Feb. 26.
Riddiford, Charles E., assignor to National Geographic Society, Washington, D. C. Font of type. 143,996; Feb. 26.
Riegel Kermit R., Mount Rainier, Md. Airplane. 145,145; July 2
Riemann, Howard C., West Milwaukee, assignor to The Fulton Company, West Allis, Wis. Garment hanger. 143,626; Jan. 22
Rilling Company, assignee: *See*—
Richards, Harper.
Rival Manufacturing Company, assignee: *See*—
Majewski, Joseph M., Jr., and Talge.
Robboy, Nathan M., Cleveland Heights, Ohio. Cigarette lighter or similar article. 145,328; July 30.
Robboy, Nathan M., Cleveland Heights, Ohio. Fluorescent lighting fixture. 145,700; Oct. 8.
Roberk Company, The, assignee: *See*—
Somers, Elward B.
Roberts, Henry C., Detroit, Mich. Toy. 145,954; Nov. 19.
Roberts, Jerome C., assignor to Coro, Inc., New York, N. Y. Two-piece hair ornament. 144,217; Mar. 19.
Roberts, Jerome C., assignor to Coro, Inc., New York, N. Y. Hair ornament. 144,218; Mar. 19.
Robeson Cutlery Company, Inc., assignee: *See*—
Case, Emerson E.
Robinette, Howard C., assignor to B. S. Landis, Los Angeles, Calif. Electric heater. 144,583; Apr. 30.
Robinette, Howard C., assignor to B. S. Landis, Los Angeles, Calif. Electric heater. 144,584; Apr. 30.
Robinette, Howard C., assignor to B. S. Landis, Los Angeles, Calif. Portable electric heater. 144,585; Apr. 30.

Robinson, Donald E., Rutherford, N. J., assignor to Inez Holland House, New York, N. Y. Toy xylophone. 143,442; Jan. 1.
Rochwite, Seton L., Wauwatosa, Wis. Stereoscope. 144,737; May 14.
Rockwell, Harvey W., assignor to La Plant-Choate Mfg. Co. Inc., Cedar Rapids, Iowa. Hydraulic pump and control unit. 143,547; Jan. 15.
Rockwell Manufacturing Company, assignee: *See*—
Blackwood, Merl A.
Rodgers, William W., Wilmington, Del. Animal figure. 145,701; Oct. 8.
Rodwick, Frank: *See*—
Maxson, William E., Jr., and Rodwick
Roe, Archie W., Rock Island, Ill. Cartridge belt link. 146,089; Dec. 17.
Roffey, Theodore, Toronto, Ontario, Canada. Combination desk unit. 145,821; Oct. 22.
Roger & Gallet, assignee: *See*—
Renaud, Lucien.
Rogers, Lunt & Bowlen Company, assignee: *See*—
Bowlen, Nord.
Koonz, Frederick W.
Rogers, William, assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth. 144,799; May 21.
Rogers, William J., Maspeth, N. Y. Game board. 143,443; Jan. 1.
Rogers, Yubie W., St. Louis, Mo. Combination bookcase and desk. 145,104; June 25.
Rohm, Rudolf, Chicago, Ill. Nutcracker. 145,955; Nov. 19.
Rohner, Ludwig G., New York, N. Y. Tablecloth or similar article. 144,469; Apr. 16.
Rohner, Ludwig G., New York, N. Y. Tablecloth or similar article. 144,520; Apr. 23.
Rohner, Ludwig G., New York, N. Y. Tablecloth or similar article. 144,800; May 21.
Rohner, Ludwig G., New York, N. Y. Tablecloth or similar article. 144,803; May 21.
Rohner, Ludwig G., New York, N. Y. Tablecloth or similar article. 145,363; Aug. 6.
Rohner, Ludwig G., New York, N. Y. Tablecloth or similar article. 145,677; Oct. 1.
Rohner, Ludwig G., Forest Hills, N. Y. Table cover or similar article of manufacture. 144,801; May 21.
Rohner, Ludwig G., Forest Hills, N. Y. Table cover or similar article of manufacture. 144,802; May 21.
Romberg, Harland G., Omaha, Nebr. Picture frame. 143,672; Jan. 29.
Ronson Art Metal Works, Inc., assignee: *See*—
Kaupmann, Frederick.
Roos, Charles J., Muskegon, Mich. Boot. 145,637; Sept. 24.
Ropp, Hubert, Lake Bluff, assignor to F. H. Noble & Company, Chicago, Ill. Jewelry display box. 144,219; Mar. 19.
Rosedale, Max: *See*—
Kahn, Lester, and Rosedale.
Roseman, Benjamin, New York, N. Y. Juice extractor. 144,586; Apr. 30.
Rosenberg, Ben, Los Angeles, assignor to M. L. and S. W. Holzman, Long Beach, Calif. Hobby horse. 144,521; Apr. 23.
Rosenberg, Florence, assignee: *See*—
Plumer, Frederick W.
Rosenberg, Myer, Chicago, Ill. Magnifying lens. 145,638; Sept. 24.
Rosenblatt, Manfred, Kew Gardens, N. Y. Holder for cocktail or soda stirrers, pencils, or the like. 145,146; July 2.
Rosenbloom, Irving, New York, N. Y. Toy table or similar article. 146,858; Oct. 29.
Rosenfeld, Harry, Co., assignee: *See*—
Hiltenbrand, Frank X.
Rosenthal, Lawrence L., Los Angeles, Calif. Drawer pull. 143,936; Feb. 19.
Rosenthal, Lawrence L., Los Angeles, Calif. Drawer pull. 143,937; Feb. 19.
Ross, Donald, Middlesex, England. Vise. 144,587; Apr. 30.
Ross, James, Hubbard Woods, Ill. Lamp shade with luminous figures. 145,274; July 23.
Ross, James, Hubbard Woods, Ill. Luminous ash tray. 145,876; Nov. 5.
Rost, Katheryn, New York, N. Y. Dress. 143,880; Feb. 12.
Rost, Katheryn, New York, N. Y. Dress. 143,881; Feb. 12.
Rost, Katheryn, New York, N. Y. Dress. 143,882; Feb. 12.
Rost, Katheryn, New York, N. Y. Dress. 145,329; July 30.
Rost, Katheryn, New York, N. Y. Dress. 145,330; July 30.
Rost, Katheryn, New York, N. Y. Dress. 145,331; July 30.
Rost, Katheryn, New York, N. Y. Dress. 145,332; July 30.
Rost, Katheryn, New York, N. Y. Dress. 145,333; July 30.
Rost, Katheryn, New York, N. Y. Dress. 145,334; July 30.
Rost, Katheryn, New York, N. Y. Dress. 145,750; Oct. 15.
Rost, Katheryn, New York, N. Y. Dress. 145,859; Oct. 29.
Roth, Andrew, assignor to Bunting Glider Company, Philadelphia, Pa. Chair. 145,678; Oct. 1.
Rothaug, Walter H.: *See*—
Sherman, Vernon W., Knlep, and Rothaug.
Rothschild, Lionel, assignee: *See*—
Lewis, Benjamin.
Royal Typewriter Company, Inc., assignee: *See*—
Dreyfuss, Henry.
Rubel, John, New York, N. Y. Necklace or similar article. 143,444; Jan. 1.
Rubin, Harry, New York, N. Y. Jewelry finding. 145,751; 145,751; Oct. 15.
Rubin, Herbert, New York, N. Y. Lamp. 144,257; Mar. 26.
Rubin, Herbert, New York, N. Y. Lamp. 145,588; Sept. 10.
Rubin, Lewis J., assignor to Universal Camera Corporation, New York, N. Y. Slide projector. 145,364; Aug. 6.
Rubin, Richard B., Newton Center, Mass. Combined tie rack and drawer. 145,822; Oct. 22.
Ruddick, Philip, Chicago, Ill. Combined hair brush and comb rack. 146,122; Dec. 24.
Rudolph, Frederic C.: *See*—
Watts, Roy T., and Rudolph.
Rudolph Wurlitzer Company, The, assignee: *See*—
Zaiser, William.
Rummels, Garland D., New York, N. Y. Bottle. 145,645; Sept. 24.
Ruskin, Henry, Chicago, Ill. Stapler machine. 143,509; Jan. 8.
Russo, Joseph, New York, N. Y. Plaque or similar article. 145,860; Oct. 29.
Russy, Wilhelmina J.: *See*—
Maxwell, Paul M., and Russy.
Ruthenberg, David, Philadelphia, Pa. Doll broom. 145,105; June 25.
Rycroft, Ralph T., Kenmore, N. Y. Cribbage board. 144,417; Apr. 9.
Sabin, Bessie E., Toledo, Ohio. Pipe holder. 144,072; Mar. 5.
Saffady, Thomas F., Detroit, Mich. Combined cup dispenser and toothbrush holder. 144,139; Mar. 12.
Saftlas, Samuel, Newark, N. J. Knitted lace fabric. 144,633; May 7.
Saftlas, Samuel, Newark, N. J. Knitted lace fabric. 144,634; May 7.
Salkover, Nicholas M., assignee: *See*—
Nash, Harold S.
Salsky, Samuel, New York, N. Y. Textile fabric. 143,627; Jan. 22.
Salsky, Samuel, New York, N. Y. Textile fabric. 144,220; Mar. 19.
Salter, Florence B., assignor of twenty-four per cent to G. D. Gayaut and twenty-eight per cent to K. Rhodes, New Orleans, La. Double-headed doll. 146,062; Dec. 10.
Salz Bros. Inc., assignee: *See*—
Green, Warren, and Schladermundt.
Samstag, Anne, Brooksville, N. Y. Textile fabric or similar article. 143,673; Jan. 29.
Samuels, David G., Jr., Bethlehem, Pa. Toy shovel. 144,588; Apr. 30.
Sanders, Morris, New York, N. Y., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Register or similar article. 145,702; Oct. 8.
Sandler, Jacob, New York, N. Y. Shoe or similar article. 144,140; Mar. 12.
Sandstrom, Roy J., Buffalo, assignor to Bell Aircraft Corporation, Wheatfield, N. Y. Airplane. 145,909; Nov. 12.
Sanymetal Prodncts Co, Inc., assignee: *See*—
Anderson, Thomas F.
Sarnes, Lowell F., Dearborn, assignor to Monarch Governor Company, Detroit, Mich. Side view mirror or similar article. 145,910; Nov. 12.
Sawyer, Lester T., Leominster, Mass. Hairpin or similar article. 143,997; Feb. 26.
Saylor, Howard L., Los Angeles, Calif. Cream maker. 144,418; Apr. 9.
Scarne, John, Fairview, N. J. Game board. 144,589; Apr. 30.
Schaefer, Marie, New York, N. Y. Make-up hood or similar article. 144,221; Mar. 19.
Schapiro, Daisy, New York, N. Y. Shower slipper. 143,938; Feb. 19.
Schatz, Nathan, St. Louis, Mo. Dress. 146,157; Dec. 31.
Schauer, Lawrence L., Wyoming, and J. H. McKewen, Cincinnati, Ohio. Upright drilling machine. 144,141; Mar. 12.
Schein, Abraham, New York, N. Y. Earring. 144,804; May 21.
Scheurmann, Otto A., Bayside, N. Y. Liturgical medallion or similar article. 143,548; Jan. 15.
Scheurmann, Otto A., Bayside, N. Y. Liturgical medallion or similar article. 143,549; Jan. 15.
Scheurmann, Otto A., Bayside, N. Y. Liturgical medallion or similar article. 143,550; Jan. 15.
Scheurmann, Otto A., Bayside, N. Y. Lace or similar article. 143,551; Jan. 15.

Scheurmann, Otto A., Bayside, N. Y. Lace or similar article. 143,552; Jan. 15.
Scheurmann, Otto A., Bayside, N. Y. Orphrey or similar article. 143,553; Jan. 15.
Schick Incorporated, assignee: *See*—
Hutt, Albert E., and Otto.
Schick, Karl, New York, N. Y. Twisted plastic tube. 146,010; Dec. 3.
Schick, Karl F., New York, N. Y. Compact. 143,554; Jan. 15.
Schilz, John, Los Angeles, Calif. Condiment shaker. 145,228; July 16.
Schilz, John, Los Angeles, Calif. Condiment shaker. 145,229; July 19.
Schirokauer, Henry, assignee: *See*—
Hecht, Arno.
Schladermunt, Peter: *See*—
Green, Warren, and Schladermundt.
Schladermundt, Peter, Bronxville, and L. L. Rado, New York, N. Y., assignors to Heywood-Wakefield Company, Gardner, Mass. Car seat end support. 144,635; May 7.
Schladermundt, Peter, Bronxville, N. Y., assignor to Sears, Roebuck and Co., Chicago, Ill. Boiler. 145,106; June 25.
Schladermundt, Peter, Bronxville, N. Y., assignor to Sears, Roebuck and Co., Chicago, Ill. Jacket for boiler or furnace. 145,107; June 25.
Schmidt, Earl C., assignor to Hardwick & Magee Company, Philadelphia, Pa. Carpet or the like. 145,230; July 16.
Schmued, Edgar, Los Angeles, assignor to North American Aviation, Inc., Inglewood, Calif. Airplane. 144,936; June 4.
Schmued, Edgar, Los Angeles, assignor to North American Aviation, Inc., Inglewood, Calif. Airplane. 144,937; June 4.
Schmued, Edgar, Los Angeles, assignor to North American Aviation, Inc., Inglewood, Calif. Airplane. 144,938; June 4.
Schneck, Max, Long Island, assignor to Max Schneck & Bros., Inc., New York, N. Y. Dress. 145,703; Oct. 8.
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Schneck, Max, & Bros., Inc., assignee: *See*—
Schneck, Max.
Schnoor, Frederick D., Stratford, Conn., assignor to General Electric Company. Radio receiver. 146,011; Dec. 3.
Schofield, Earl L., Rockford, assignor to Burgess Battery Company, Freeport, Ill. Flashlight. 144,522; Apr. 23.
Scholl, Harry S., assignor to Consolidated Industries, Chicago, Ill. Tray. 145,589; Sept. 10.
Schouten, Kenneth L., North Hollywood, Calif. Illuminated ash tray. 143,761; Feb. 5.
Schrader, Wilfred L., Hartville, Ohio. Wall supported radio. 145,231; July 16.
Schraysshuen, Carl, Providence, R. I. Jewelry pin or similar article. 144,258; Mar. 26.
Schraysshuen, Carl, Providence, R. I. Jewelry pin or similar article. 144,259; Mar. 26.
Schraysshuen, Carl, Providence, R. I. Jewelry pin or similar article. 144,260; Mar. 26.
Schraysshuen, Carl, Providence, R. I. Jewelry pin or similar article. 144,261; Mar. 26.
Schraysshuen, Carl, Providence, R. I. Jewelry pin or similar article. 144,262; Mar. 26.
Schraysshuen, Carl, Providence, R. I. Jewelry pin or similar article. 144,263; Mar. 26.
Schraysshuen, Carl, Providence, R. I. Jewelry pin or similar article. 144,311; Apr. 2.
Schraysshuen, Carl, Providence, R. I. Jewelry pin or similar article. 144,312; Apr. 2.
Schraysshuen, Carl, Providence, R. I. Jewelry pin or similar article. 144,313; Apr. 2.
Schraysshuen, Carl, Providence, R. I. Jewelry pin or similar article. 144,314; Apr. 2.
Schraysshuen, Carl, Providence, R. I. Jewelry pin or similar article. 144,315; Apr. 2.
Schraysshuen, Carl, Providence, R. I. Jewelry pin or similar article. 144,316; Apr. 2.
Schraysshuen, Carl, Providence, R. I. Jewelry pin or similar article. 144,317; Apr. 2.
Schraysshuen, Carl, Providence, R. I. Jewelry pin or similar article. 144,318; Apr. 2.
Schraysshuen, Carl, Providence, R. I. Jewelry pin or similar article. 144,319; Apr. 2.
Schraysshuen, Carl, Providence, R. I. Jewelry pin or similar article. 144,320; Apr. 2.
Schraysshuen, Carl, Providence, R. I. Jewelry pin or similar article. 144,321; Apr. 2.
Schraysshuen, Carl, Providence, R. I. Jewelry pin or similar article. 144,322; Apr. 2.
Schraysshuen, Carl, Providence, R. I. Jewelry pin or similar article. 144,323; Apr. 2.
Schraysshuen, Carl, Providence, R. I. Jewelry pin or similar article. 144,324; Apr. 2.
Schraysshuen, Carl, Providence, R. I. Earring. 144,419; Apr. 9.
Schraysshuen, Carl, Providence, R. I. Earring. 144,420; Apr. 9.
Schraysshuen, Carl, Providence, R. I. Earring. 144,421; Apr. 9.
Schraysshuen, Carl, Providence, R. I. Jewelry finding. 144,523; Apr. 23.
Schraysshuen, Carl, Providence, R. I. Jewelry finding. 144,524; Apr. 23.
Schraysshuen, Carl, Providence, R. I. Pendant. 144,805; May 21.
Schraysshuen, Carl, Providence, R. I. Pendant. 144,806; May 21.
Schraysshuen, Carl, Providence, R. I. Pendant. 144,807; May 21.
Schraysshuen, Carl, Providence, R. I. Pendant. 144,808; May 21.
Schraysshuen, Carl, Providence, R. I. Pendant. 144,809; May 21.
Schraysshuen, Carl, Providence, R. I. Jewelry finding. 145,752; Oct. 15.
Schraysshuen, Carl, Providence, R. I. Jewelry finding. 145,753; Oct. 15.
Schraysshuen, Carl, Providence, R. I. Jewelry finding. 145,754; Oct. 15.
Schraysshuen, Carl, Providence, R. I. Jewelry finding. 145,755; Oct. 15.
Schulthels, Francis J.: *See*—
Mankki, Onnle, and Schulthels.
Schultz, Robert L., Lorain, Ohio. Child's wheeled toy. 144,874; May 28.
Schutes, Gerhard R., Saginaw, Mich., assignor to Spartan Aircraft Company, Tulsa, Okla. Combination table and cabinet. 144,590; Apr. 30.
Schutes, Gerhard R., Saginaw, Mich., assignor to Spartan Aircraft Company, Tulsa, Okla. Combination vanity and writing desk with clothes hamper seat. 144,591; Apr. 30.
Schutes, Gerhard R., Saginaw, Mich., assignor to Spartan Aircraft Company, Tulsa, Okla. Combined chair and magazine rack. 144,592; Apr. 30.
Schutes, Gerhard R., Saginaw, Mich., assignor to Spartan Aircraft Company, Tulsa, Okla. Combination end table and cabinet. 144,873; May 28.
Schwartz, Albert M.: *See*—
Northrop, John K., Cerny, Baum, and Schwartz.
Schwartz, Douglas H., assignor to D. H. Schwartz and N. Levin, Los Angeles, Calif. Combination magazine rack and ash tray. 144,930; June 4.
Schwartz, Morris, Brooklyn, N. Y. Discharge folder. 144,142; Mar. 12.
Schwartz, Morris, Sunnyside, N. Y. Frame for eyeglasses. 146,155; Dec. 31.
Schwartz, Morris, Sunnyside, N. Y. Cigarette dispensing device. 146,156; Dec. 31.
Schwartz, Nathan R., New York, N. Y. Lamp base. 144,940; June 4.
Schwartz, Sidney, assignee: *See*—
Copeland, Peter.
Schwartz, Sylvan, assignor to Marie Richellen Parfum Odosant, Inc., New York, N. Y. Bottle or similar article. 144,810; May 21.
Scott, Arthur R., Kansas City, Mo. Set of chessmen. 145,335; July 30.
Scott Aviation Corporation, assignee: *See*—
Young, Theodore F.
Scott, Carl W., Grosse Point Farms, Mich., assignor to Curtiss-Wright Corporation. Airplane. 144,143; Mar. 12.
Scott, Carl W., Grosse Point Farms, Mich., assignor to Curtiss-Wright Corporation. Airplane. 144,144; Mar. 12.
Scott, Joseph F.: *See*—
Engel, Elmer G., Scott, and Korda.
Scott, Myron E., Dayton, Ohio. Bottle. 145,275; July 23.
Scripto Manufacturing Company, assignee: *See*—
Brinson, Thomas F.
Scull, Robert C.: *See*—
Martial, Jacques, and Scull.
Scull, Robert C., and J. Martial, assignors to Electronic Corp. of America, New York, N. Y. Radio receiver cabinet or the like. 144,073; Mar. 5.
Scull, Robert C., and J. Martial, assignors to Electronic Corp. of America, New York, N. Y. Radio receiver cabinet or the like. 144,074; Mar. 5.
Scull, Robert C., and J. Martial, assignors to Electronic Corp. of America, New York, N. Y. Radio cabinet or the like. 144,075; Mar. 5.
Scull, Robert C., and J. Martial, assignors to Electronic Corp. of America, New York, N. Y. Radio cabinet or similar article. 144,076; Mar. 5.
Seale, Charles E., Jr., and L. W. Stinne, Dallas, Tex. Clothespin. 145,679; Oct. 1.
Sears, Roebuck and Co., assignee: *See*—
Boisselier, Earl D.
Green, Warren B.
Hauser, Jon W.
Schladermundt, Peter.
Sears, William R.: *See*—
Northrop, John K., and Sears.
Sehald, Mary, assignor to Kaylon Incorporated, New York, N. Y. Fabric. 143,674; Jan. 29.
Sehold, Raymond C., Fort Worth, Tex., assignor to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Airplane. 145,680; Oct. 1.
Seidler, William, and O. Feuer, New York, N. Y. Doll head. 145,232; July 16.
Seidler, William, and O. Feuer, New York, N. Y. Doll head. 145,233; July 16.

Robinson, Donald E., Rutherford, N. J., assignor to Inez Holland House, New York, N. Y. Toy xylophone. 143,442; Jan. 1.
Rochwite, Seton I., Wauwatosa, Wis. Stereoscope. 144,737; May 14.
Rockwell, Harvey W., assignor to La Plant-Choate Mfg. Co. Inc., Cedar Rapids, Iowa. Hydraulic pump and control unit. 143,547; Jan. 15.
Rockwell Manufacturing Company, assignee: *See*— Blackwood, Merl A.
Rodgers, William W., Wilmington, Del. Animal figure. 145,701; Oct. 8.
Rodwick, Frank: *See*— Maxson, William E., Jr., and Rodwick
Roe, Archie W., Rock Island, Ill. Cartridge belt link. 146,089; Dec. 17.
Roffey, Theodore, Toronto, Ontario, Canada. Combination desk unit. 145,821; Oct. 22.
Roger & Gallet, assignee: *See*— Renaud, Lucien.
Rogers, Lunt & Bowlen Company, assignee: *See*— Bowlen, Nord.
Koonz, Frederick W.
Rogers, William, assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth. 144,799; May 21.
Rogers, William J., Maspeth, N. Y. Game board. 143,443; Jan. 1.
Rogers, Yuble W., St. Louis, Mo. Combination bookcase and desk. 145,104; June 25.
Rohm, Rudolf, Chicago, Ill. Nutcracker. 145,955; Nov. 19.
Rohner, Ludwig G., New York, N. Y. Tablecloth or similar article. 144,469; Apr. 16.
Rohner, Ludwig G., New York, N. Y. Tablecloth or similar article. 144,520; Apr. 23.
Rohner, Ludwig G., New York, N. Y. Tablecloth or similar article. 144,800; May 21.
Rohner, Ludwig G., New York, N. Y. Tablecloth or similar article. 144,803; May 21.
Rohner, Ludwig G., New York, N. Y. Tablecloth or similar article. 145,363; Aug. 6.
Rohner, Ludwig G., New York, N. Y. Tablecloth or similar article. 145,677; Oct. 1.
Rohner, Ludwig G., Forest Hills, N. Y. Table cover or similar article of manufacture. 144,801; May 21.
Rohner, Ludwig G., Forest Hills, N. Y. Table cover or similar article of manufacture. 144,802; May 21.
Romberg, Harland G., Omaha, Nebr. Picture frame. 143,672; Jan. 29.
Ronson Art Metal Works, Inc., assignee: *See*— Kaupmann, Frederick.
Roos, Charles J., Muskegon, Mich. Boot. 145,637; Sept. 24.
Ropp, Hubert, Lake Bluff, assignor to F. H. Noble & Company, Chicago, Ill. Jewelry display box. 144,219; Mar. 19.
Rosedale, Max: *See*— Kahn, Lester, and Rosedale.
Roseman, Benjamin, New York, N. Y. Juice extractor. 144,586; Apr. 30.
Rosenberg, Ben, Los Angeles, assignor to M. L. and S. W. Holzman, Long Beach, Calif. Hobby horse. 144,521; Apr. 23.
Rosenberg, Florence, assignee: *See*— Plumer, Frederick W.
Rosenberg, Myer, Chicago, Ill. Magnifying lens. 145,638; Sept. 24.
Rosenblatt, Manfred, Kew Gardens, N. Y. Holder for cocktail or soda stirrers, pencils, or the like. 145,146; July 2.
Rosenbloom, Irving, New York, N. Y. Toy table or similar article. 145,858; Oct. 29.
Rosenfeld, Harry, Co., assignee: *See*— Hillenbrand, Frank X.
Rosenthal, Lawrence L., Los Angeles, Calif. Drawer pull. 143,936; Feb. 19.
Rosenthal, Lawrence L., Los Angeles, Calif. Drawer pull. 143,937; Feb. 19.
Ross, Donald, Middlesex, England. Vise. 144,587; Apr. 30.
Ross, James, Hubbard Woods, Ill. Lamp shade with luminous figures. 145,274; July 23.
Ross, James, Hubbard Woods, Ill. Luminous ash tray. 145,876; Nov. 5.
Rost, Katheryn, New York, N. Y. Dress. 143,880; Feb. 12.
Rost, Katheryn, New York, N. Y. Dress. 143,881; Feb. 12.
Rost, Katheryn, New York, N. Y. Dress. 143,882; Feb. 12.
Rost, Katheryn, New York, N. Y. Dress. 145,329; July 30.
Rost, Katheryn, New York, N. Y. Dress. 145,330; July 30.
Rost, Katheryn, New York, N. Y. Dress. 145,331; July 30.
Rost, Katheryn, New York, N. Y. Dress. 145,332; July 30.
Rost, Katheryn, New York, N. Y. Dress. 145,333; July 30.
Rost, Katheryn, New York, N. Y. Dress. 145,334; July 30.
Rost, Katheryn, New York, N. Y. Dress. 145,750; Oct. 15.
Rost, Katheryn, New York, N. Y. Dress. 145,859; Oct. 29.
Roth, Andrew, assignor to Bunting Glider Company, Philadelphia, Pa. Chair. 145,678; Oct. 1.
Rothaug, Walter H.: *See*— Sherman, Vernon W., Kniep, and Rothaug.
Rothschild, Lionel, assignee: *See*— Lewis, Benjamin.
Royal Typewriter Company, Inc., assignee: *See*— Dreyfuss, Henry.
Rubel, John, New York, N. Y. Necklace or similar article. 143,444; Jan. 1.
Rubin, Harry, New York, N. Y. Jewelry finding. 145,751; Oct. 15.
Rubin, Herbert, New York, N. Y. Lamp. 144,257; Mar. 26.
Rubin, Herbert, New York, N. Y. Lamp. 145,588; Sept. 10.
Rubin, Lewis J., assignor to Universal Camera Corporation, New York, N. Y. Slide projector. 145,364; Aug. 6.
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Rudolph, Frederic C.: *See*— Watts, Roy T., and Rudolph.
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Ruskin, Henry, Chicago, Ill. Stapler machine. 143,509; Jan. 8.
Russo, Joseph, New York, N. Y. Plaque or similar article. 145,860; Oct. 29.
Russy, Wilhelmina J.: *See*— Maxwell, Paul M., and Russy.
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Salsky, Samuel, New York, N. Y. Textile fabric. 144,220; Mar. 19.
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Scarne, John, Fairview, N. J. Game board. 144,589; Apr. 30.
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Scheurmann, Otto A., Bayside, N. Y. Liturgical medallion or similar article. 143,550; Jan. 15.
Scheurmann, Otto A., Bayside, N. Y. Lace or similar article. 143,551; Jan. 15.

Scheurmann, Otto A., Bayside, N. Y. Lace or similar article. 143,552; Jan. 15.
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Schick, Karl F., New York, N. Y. Compact. 143,554; Jan. 15.
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Schilz, John, Los Angeles, Calif. Condiment shaker. 145,229; July 19.
Schirokauer, Henry, assignee: *See*— Hecht, Arno.
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Schraysshuen, Carl, Providence, R. I. Jewelry pin or similar article. 144,263; Mar. 26.
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Schraysshuen, Carl, Providence, R. I. Jewelry pin or similar article. 144,312; Apr. 2.
Schraysshuen, Carl, Providence, R. I. Jewelry pin or similar article. 144,313; Apr. 2.
Schraysshuen, Carl, Providence, R. I. Jewelry pin or similar article. 144,314; Apr. 2.
Schraysshuen, Carl, Providence, R. I. Jewelry pin or similar article. 144,315; Apr. 2.
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Schraysshuen, Carl, Providence, R. I. Jewelry pin or similar article. 144,320; Apr. 2.
Schraysshuen, Carl, Providence, R. I. Jewelry pin or similar article. 144,321; Apr. 2.
Schraysshuen, Carl, Providence, R. I. Jewelry pin or similar article. 144,322; Apr. 2.
Schraysshuen, Carl, Providence, R. I. Jewelry pin or similar article. 144,323; Apr. 2.
Schraysshuen, Carl, Providence, R. I. Jewelry pin or similar article. 144,324; Apr. 2.
Schraysshuen, Carl, Providence, R. I. Earring. 144,419; Apr. 9.
Schraysshuen, Carl, Providence, R. I. Earring. 144,420; Apr. 9.
Schraysshuen, Carl, Providence, R. I. Earring. 144,421; Apr. 9.
Schraysshuen, Carl, Providence, R. I. Jewelry finding. 144,523; Apr. 23.
Schraysshuen, Carl, Providence, R. I. Jewelry finding. 144,524; Apr. 23.
Schraysshuen, Carl, Providence, R. I. Pendant. 144,805; May 21.
Schraysshuen, Carl, Providence, R. I. Pendant. 144,806; May 21.
Schraysshuen, Carl, Providence, R. I. Pendant. 144,807; May 21.
Schraysshuen, Carl, Providence, R. I. Pendant. 144,808; May 21.
Schraysshuen, Carl, Providence, R. I. Pendant. 144,809; May 21.
Schraysshuen, Carl, Providence, R. I. Jewelry finding. 145,752; Oct. 15.
Schraysshuen, Carl, Providence, R. I. Jewelry finding. 145,753; Oct. 15.
Schraysshuen, Carl, Providence, R. I. Jewelry finding. 145,754; Oct. 15.
Schraysshuen, Carl, Providence, R. I. Jewelry finding. 145,755; Oct. 15.
Schultheis, Francis J.: *See*— Mankki, Onnie, and Schultheis.
Schultz, Robert L., Lorain, Ohio. Child's wheeled toy. 144,874; May 28.
Schutes, Gerhard R., Saginaw, Mich., assignor to Spartan Aircraft Company, Tulsa, Okla. Combination table and cabinet. 144,590; Apr. 30.
Schutes, Gerhard R., Saginaw, Mich., assignor to Spartan Aircraft Company, Tulsa, Okla. Combination vanity and writing desk with clothes hamper seat. 144,591; Apr. 30.
Schutes, Gerhard R., Saginaw, Mich., assignor to Spartan Aircraft Company, Tulsa, Okla. Combined chair and magazine rack. 144,592; Apr. 30.
Schutes, Gerhard R., Saginaw, Mich., assignor to Spartan Aircraft Company, Tulsa, Okla. Combination end table and cabinet. 144,873; May 28.
Schwartz, Albert M.: *See*— Northrop, John K., Cerny, Baum, and Schwartz.
Schwartz, Douglas H., assignor to D. H. Schwartz and N. Levin, Los Angeles, Calif. Combination magazine rack and ash tray. 144,939; June 4.
Schwartz, Morris, Brooklyn, N. Y. Discharge folder. 144,142; Mar. 12.
Schwartz, Morris, Sunnyside, N. Y. Frame for eyeglasses. 146,155; Dec. 31.
Schwartz, Morris, Sunnyside, N. Y. Cigarette dispensing device. 146,156; Dec. 31.
Schwartz, Nathan R., New York, N. Y. Lamp base. 144,940; June 4.
Schwartz, Sidney, assignee: *See*— Copeland, Peter.
Schwartz, Sylvan, assignor to Marie Richelieu Parfum Odesant, Inc., New York, N. Y. Bottle or similar article. 144,810; May 21.
Scott, Arthur R., Kansas City, Mo. Set of chessmen. 145,335; July 30.
Scott Aviation Corporation, assignee: *See*— Young, Theodore F.
Scott, Carl W., Grosse Point Farms, Mich., assignor to Curtiss-Wright Corporation. Airplane. 144,143; Mar. 12.
Scott, Carl W., Grosse Point Farms, Mich., assignor to Curtiss-Wright Corporation. Airplane. 144,144; Mar. 12.
Scott, Joseph F.: *See*— Engel, Elmer G., Scott, and Korda.
Scott, Myron E., Dayton, Ohio. Bottle. 145,275; July 23.
Scripto Manufacturing Company, assignee: *See*— Brinson, Thomas F.
Scull, Robert C.: *See*— Martial, Jacques, and Scull.
Scull, Robert C., and J. Martial, assignors to Electronic Corp. of America, New York, N. Y. Radio receiver cabinet or the like. 144,072; Mar. 5.
Scull, Robert C., and J. Martial, assignors to Electronic Corp. of America, New York, N. Y. Radio receiver cabinet or the like. 144,073; Mar. 5.
Scull, Robert C., and J. Martial, assignors to Electronic Corp. of America, New York, N. Y. Radio cabinet or the like. 144,074; Mar. 5.
Scull, Robert C., and J. Martial, assignors to Electronic Corp. of America, New York, N. Y. Radio cabinet or similar article. 144,076; Mar. 5.
Seale, Charles E., Jr., and L. W. Stinne, Dallas, Tex. Clothespin. 145,679; Oct. 1.
Sears, Roebuck and Co., assignee: *See*— Boisselier, Earl D.
Green, Warren B.
Hauser, Jon W.
Schladermundt, Peter.
Sears, William R.: *See*— Northrop, John K., and Sears.
Sebald, Mary, assignor to Kaylon Incorporated, New York, N. Y. Fabric. 143,674; Jan. 29.
Sebold, Raymond C., Fort Worth, Tex., assignor to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Airplane. 145,680; Oct. 1.
Seidler, William, and O. Feuer, New York, N. Y. Doll head. 145,232; July 16.
Seidler, William, and O. Feuer, New York, N. Y. Doll head. 145,233; July 16.

Sekowski, George E., New Haven, Conn., assignor to Ekco Products Company. Spoon or similar article. 144,593; Apr. 30.

Sekowski, George E., New Haven, Conn., assignor to Ekco Products Company. Spoon or similar article. 144,941; June 4.

Sellon, Ray N.: *See*— Engman, Ralph P., and Sellon.

Sempers, Allan P., Venice, Calif. Rack for trousers and other articles. 144,422; Apr. 9.

Servel, Inc., assignee: *See*— Smallwood, Albert E., and Guild.

Setney Products Company, assignee: *See*— Anselman, Edward J.

Severance, Deane C., Walnut Park, Calif. Cover for food receptacles. 145,646; Sept. 24.

Shaeffer, Norbert, Hollywood, assignor to Universal Microphone Co., Inglewood, Calif. Electric light bulb. 144,686; May 7.

Shaffer, Harry A., Minneapolis, Minn. Motor scooter. 144,077; Mar. 5.

Shapiro, Benjamin H., New York, N. Y., I. Thomas, Livingston, and J. Hohl, assignors to Plastic Parts Development Company, Newark, N. J. Helicopter pull toy. 143,628; Jan. 22.

Sharpe, Lois, Glendale, Calif. Bowling game device or similar article. 143,555; Jan. 15.

Sharps, George J., assignor to Pachner & Koller Inc., Chicago, Ill. Fishing reel. 143,883; Feb. 12.

Shatz, Nathan, St. Louis, Mo. Dress. 145,956; Nov. 19

Shatz, Nathan, St. Louis, Mo. Dress. 145,957; Nov. 19

Shaver, James B., assignee: *See*— Makki, Onnie, and Schultheis.

Sheaffer, W. A., Pen Company, assignee: *See*— Reinecke, Jean O.

Sheer, Harry, Brooklyn, N. Y. Necklace. 144,525; Apr. 23.

Sheldrick, Mabel, New York, N. Y. Bathing suit. 144,244; Mar. 26.

Shell Oil Company, Inc., assignee: *See*— Weike, Ferdinand G.

Shelton, Vernon P.: *See*— Radine, Karl, and Shelton.

Shemanski, Joseph, Los Angeles, Calif. Watchcase. 145,823; Oct. 22.

Shepard, Ernest L., Fairfield, assignor, by mesne assignments, to The Coval National Bank of Portland, and W. B. Nulty, Portland, Maine, as trustees. Packing material for fragile articles. 145,985; Nov. 26.

Shepard, Ralph H.: *See*— Folke, Bengt E., and Shepard.

Shepherd, Benjamin F., Phillipsburg, N. J. Game board. 143,536; Jan. 15.

Sheridan Electronics Corp., assignee: *See*— Kaiser, John, Jr.

Sherman, Vernon W., Summit, L. Kniep, East Orange, N. J., and W. H. Rothaug, assignors to Federal Telephone & Radio Corporation, New York, N. Y. Cabinet for high-frequency electrical heating apparatus. 143,629; Jan. 22.

Shreeve, Kenneth E., and G. M. Pro, Kansas City, Mo. Weather observation balloon radar corner reflector target. 143,998; Feb. 26.

Shrier, Martin, Forest Hills, assignor to Ideal Novelty & Toy Co., Long Island City, N. Y. Stuffed toy animal. 144,942; June 4.

Shrier, Martin, Forest Hills, assignor to Ideal Novelty & Toy Co., Long Island City, N. Y. Stuffed puppet toy animal. 145,756; Oct. 15.

Shubert, Richard T., Parkchester, N. Y. Fish bait spinner. 143,742; Feb. 5.

Shuman, Clifford W., Akron, Ohio. Toy block. 143,939; Feb. 19.

Sices, Murray, Lynbrook, N. Y. Jacket or similar article. 145,336; July 30.

Sices, Murray, Lynbrook, N. Y. Jacket or similar article. 145,337; July 30.

Sices, Murray, Lynbrook, N. Y. Jacket or similar article. 145,338; July 30.

Sices, Murray, Lynbrook, N. Y. Jacket or similar article. 145,956; Nov. 26.

Sices, Murray, Lynbrook, N. Y. Jacket or similar article. 145,957; Nov. 26.

Sices, Murray, Lynbrook, N. Y. Jacket or similar article. 145,958; Nov. 26.

Siegel, Harry, New York, N. Y., assignor to All-Best Specialties Corp. Baby blanket fastener. 144,470; Apr. 16.

Silson, Victor, New York, N. Y. Combined lipstick and brush applicator container. 144,145; Mar. 12.

Silver, Fred: *See*— Troy, Francis J., and Silver.

Silvera, George, Table Grove, Ill. Combination baby and grocery carrier. 143,510; Jan. 8.

Silverman, Adolph D., Los Angeles, Calif. Costumer. 143,630; Jan. 22.

Simmonds, Wayne W., assignor to Ottawa Steel Products, Incorporated, Ottawa, Kans. Power-lift attachment for tractors. 144,738; May 14.

Simons, Abraham K., Chicago, Ill. Clock or similar article. 145,757; Oct. 15

Simpson, John C., Portland, Oreg. Combination bottle stopper and extractor. 145,184; July 9.

Simpson, Paul F., Washington, assignor to The Autoyre Company, Incorporated, Oakville, Conn. Medicine cabinet. 144,594; Apr. 30.

Simpson, Paul F., Washington, assignor to The Autoyre Company, Incorporated, Oakville, Conn. Medicine cabinet. 144,595; Apr. 30.

Singer Manufacturing Company, The, assignee: *See*— Davidson, William A.

Sky, Bernard, assignor to Skyline Moulded Furniture Company Limited, Toronto, Ontario, Canada. Table. 145,539; Sept. 3.

Sky, Bernard, assignor to Skyline Moulded Furniture Company Limited, Toronto, Ontario, Canada. Table. 145,540; Sept. 3.

Sky, Bernard, assignor to Skyline Moulded Furniture Company Limited, Toronto, Ontario, Canada. Settee. 145,541; Sept. 3.

Sky, Bernard, assignor to Skyline Moulded Furniture Company Limited, Toronto, Ontario, Canada. Table. 145,542; Sept. 3.

Sky-Hook Co., assignee: *See*— Lewis, Paul M.

Skyline Moulded Furniture Company Limited, assignee: *See*— Sky, Bernard.

Slater, Murray, Brooklyn, N. Y. Pin or similar article. 145,460; Aug. 20.

Slater, Murray, Brooklyn, N. Y. Pin or similar article. 145,461; Aug. 20.

Slater, Murray, Brooklyn, N. Y. Pin or similar article. 145,462; Aug. 20.

Slater, Murray, Brooklyn, N. Y. Pin or similar article. 145,463; Aug. 20.

Slater, Murray, Brooklyn, N. Y. Pin or similar article. 145,464; Aug. 20.

Sly, Leo Roy W., Kyburz, Calif. Tricycle. 143,940; Feb. 19.

Small, Hyman J., Worcester, Mass. Cigar or cigarette lighter. 144,078; Mar. 5.

Smallwood, Albert E., Taunton, Mass., and L. Guild, Noroton, Conn., assignors to Servel Inc., New York, N. Y. Cooking stove. 145,147; July 2.

Smith, Charles E., Reading, Pa. Handle socket for a hoe or similar article. 143,763; Feb. 5.

Smith, Clyde T., New York, N. Y. Merchandise display cabinet. 145,958; Nov. 19.

Smith, Edith A., assignor to Alport Inc., Los Angeles, Calif. Scoop. 144,739; May 14.

Smith, Egbert, Fort Myers, Fla. Salt shaker or similar article. 143,764; Feb. 5.

Smith, Franklin J., New York, N. Y. Textile fabric. 143,675; Jan. 29.

Smith, Harvey J., assignor of one-third to W. I. Barker, Danville, Va., and E. E. Mayo, Orlando, Fla. Combined display rack, oil saver, and waste can receptacle. 144,943; June 4.

Smith, Harvey J., assignor of one-third to W. I. Barker, Danville, Va., and E. E. Mayo, Orlando, Fla. Combined display rack, oil saver, and waste can receptacle. 144,944; June 4.

Smith, John E., Plainfield, N. J. Electric heater. 144,637; May 7.

Smith, Lorraine M., Los Angeles, Calif. Covered bowl or similar article. 145,911; Nov. 12.

Smith, Robert D., Sylacauga, Ala. Clothespin. 144,079; Mar. 5.

Smith, Roland L., Belmont, assignor to Nuproducts Corporation, Cambridge, Mass. Infusion unit for a coffee maker. 143,557; Jan. 15.

Smith, Roland L., Belmont, assignor to Nuproducts Corporation, Cambridge, Mass. Infusion unit for a coffee maker. 143,558; Jan. 15.

Smith, Travis O., Kansas City, Mo. Holder for paper towels or the like. 143,676; Jan. 29.

Smith, Travis O., Kansas City, Mo. Holder for rolled paper products or the like. 143,677; Jan. 29.

Smith, William L., Horsham, Pa. Combination portable lavatory. 144,811; May 21.

Smith, William N., Dallas, Tex. Cotton harvesting machine. 145,411; Aug. 13.

Smither, John O., Fort Scott, Kans. Housing for a power lawn mower. 144,596; Apr. 30.

Smokador Manufacturing Co., Inc., assignee: *See*— Mankki, Onnie.

Smoleroff, Henry J., New York, N. Y. Pocket knife. 145,234; July 16.

Snell, Francis A., Chenango Forks, assignor to Botnick Motor Corporation, Binghamton, N. Y. Wrench. 143,941; Feb. 19.

Snyder, Floyd, Cincinnati, assignor to Floyd Snyder Pipes Inc., Milford, Ohio. Tobacco pipe or similar article. 146,158; Dec. 31.

Snyder, Floyd, Pipes Inc., assignee: *See*— Snyder, Floyd.

Snyder, Fred G., assignee: *See*— Hedrick, Floyd A.

Snyder, John L., Jr., assignor to The Standard Churn Company, Wapakoneta, Ohio. Jar or similar article. 145,758; Oct. 15.

Snyder, Leland H., asignor to Quality Hardware and Machine Corporation, Chicago, Ill. Electric iron or similar article. 143,884; Feb. 12.

Snyder, Leland H., assignor to Quality Hardware and Machine Corporation, Chicago, Ill. Coffee maker or similar article. 144,945; June 4.

Snyder, Leland H., assignor to Quality Hardware and Machine Corporation, Chicago, Ill. Electric iron or similar article. 145,465; Aug. 20.

Snyder, Leland H., and W. L. Wiser, assignors to Quality Hardware and Machine Corporation, Chicago, Ill. Massaging device or similar article. 143,678; Jan. 29.

Snyder, Leland H., and K. D. Yost, assignors to Quality Hardware and Machine Corporation, Chicago, Ill. Carpet sweeper housing or similar article. 144,222; Mar. 19.

Snyder, Robert E., Pasadena, Calif. Gauge handle. 144,423; Apr. 9.

Sobel, Harry, Los Angeles, Calif. Slipper. 144,080; Mar. 5.

Societe d'Etudes et d'Expansion de la Parfumerie de Luxe, assignee: *See*— D'Anselme, Amédée.

Soklaski, Leo, Brooklyn, N. Y. Casing or body for a lighter or the like. 145,590; Sept. 10.

Somers, Elward B., New York, N. Y., assignor to The Robert Company, Norwalk, Conn. Rear view mirror. 144,740; May 14.

Son-Chief Electrics, Incorporated, assignee: *See*— Lorenz, Benjamin A.

Soundscriber Corporation, The, assignee: *See*— Stone, Robert L.

Spangler, Carl D., Arkadelphia, Ark. Chair. 145,959; Nov. 19

Sparks, Byron R., assignor to H. J. Graw, Chicago, Ill. Tripod head. 145,466; Aug. 20.

Spartan Aircraft Company, assignee: *See*— Schutes, Gerhard R.

Spatz, Albert C., Mountain View, N. J. Game board. 144,526; Apr. 23.

Spatz, Lee: *See*— Innes, James, Cohen, and Spatz.

Specht, Hana A., New York, N. Y. Cigarette lighter. 144,876; May 28.

Speck, Kurt, Palisade Park, assignor to Jacques Kreisler Manufacturing Corporation, North Bergen, N. J. Pin or similar article. 143,559; Jan. 15.

Speck, Kurt, Palisade Park, assignor to Jacques Kreisler Manufacturing Corporation, North Bergen, N. J. Pin or similar article. 143,560; Jan. 15.

Speck, Kurt, Palisade Park, assignor to Jacques Kreisler Manufacturing Corporation, North Bergen, N. J. Pin or similar article. 143,561; Jan. 15.

Speck, Kurt, Palisade Park, assignor to Jacques Kreisler Manufacturing Corporation, North Bergen, N. J. Pin or similar article. 143,562; Jan. 15.

Speck, Kurt, Palisade Park, assignor to Jacques Kreisler Manufacturing Corporation, North Bergen, N. J. Pin or similar article. 143,999; Feb. 26.

Speck, Kurt, Palisade Park, assignor to Jacques Kreisler Manufacturing Corporation, North Bergen, N. J. Pin or similar article. 144,000; Feb. 26.

Speck, Kurt, Palisade Park, assignor to Jacques Kreisler Manufacturing Corporation, North Bergen, N. J. Pin or similar article. 144,001; Feb. 26.

Speck, Kurt, Palisade Park, assignor to Jacques Kreisler Manufacturing Corporation, North Bergen, N. J. Pin or similar article. 144,002; Feb. 26.

Speck, Kurt, Palisade Park, assignor to Jacques Kreisler Manufacturing Corporation, North Bergen, N. J. Pin or similar article. 144,265; Mar. 26.

Speck, Kurt, Palisade Park, assignor to Jacques Kreisler Manufacturing Corporation, North Bergen, N. J. Pin or similar article. 144,266; Mar. 26.

Speck, Kurt, Palisade Park, assignor to Jacques Kreisler Manufacturing Corporation, North Bergen, N. J. Pin or similar article. 144,267; Mar. 26.

Speck, Kurt, Palisade Park, assignor to Jacques Kreisler Manufacturing Corporation, North Bergen, N. J. Pin or similar article. 144,268; Mar. 26.

Speck, Kurt, Palisade Park, assignor to Jacques Kreisler Manufacturing Corporation, North Bergen, N. J. Pin or similar article. 144,424; Apr. 9.

Speck, Kurt, Palisade Park, assignor to Jacques Kreisler Manufacturing Corporation, North Bergen, N. J. Pin or similar article. 144,425; Apr. 9.

Speck, Kurt, Palisade Park, assignor to Jacques Kreisler Manufacturing Corporation, North Bergen, N. J. Pin or similar article. 144,426; Apr. 9.

Speck, Kurt, Palisade Park, assignor to Jacques Kreisler Manufacturing Corporation, North Bergen, N. J. Pin or similar article. 144,875; May 28.

Speck, Kurt, Palisade Park, assignor to Jacques Kreisler Manufacturing Corporation, North Bergen, N. J. Pin or similar article. 145,591; Sept. 10.

Speidel, Edwin F. M., Cranston, R. I. Expansible link chain for watch bracelet or the like. 145,467; Aug. 20.

Spence, Edmond J., Montclair, N. J. Kitchen cabinet. 144,989; June 11.

Spence, Edmond J., Montclair, N. J. Kitchen cabinet. 144,990; June 11.

Spence, Edmond J., Montclair, N. J. Chair. 144,991; June 11.

Spence, Edmond J., Montclair, N. J. Chair. 144,992; June 11.

Spence, Edmond J., Montclair, N. J. Table. 144,993; June 11.

Spence, Edmond J., Montclair, N. J. Table. 144,994; June 11.

Spence, Edmond J., Montclair, N. J. Table. 144,995; June 11.

Spence, Nellie B., Springfield, Mo. Stroller. 145,468; Aug. 20.

Spies Brothers, Inc., assignee: *See*— Carney, Benedict F.

Spitz, Henry: *See*— Bolten, John, and Spitz.

Sport Products, Inc., assignee: *See*— Bovay, Norman.

Staab, George J., Springfield, N. J. Hair comb. 144,471; Apr. 16.

Stack, James L., Jr., Crystal Bay, Nev. Compact. 145,491; Aug. 27.

Stafford, Ethel D., Webster Groves, Mo. Beanbag toy or similar article. 143,445; Jan. 1.

Stafford, Ethel D., Webster Groves, Mo. Beanbag toy or similar article. 143,446; Jan. 1.

Stafford, Ethel D., Webster Groves, Mo. Beanbag toy or similar article. 143,447; Jan. 1.

Stahl, Harold H., New York, N. Y. Dress. 143,885; Feb. 12.

Stahl, Harold H., New York, N. Y. Dress. 143,886; Feb. 12.

Standard Churn Company, The, assignee: *See*— Snyder, John L., Jr.

Stangl, George, assignor to Jay Kel Jewelry Co., New York, N. Y. Jewelry pin. 143,448; Jan. 1.

Stanitz, Jacques, Warren, assignor to Mullins Manufacturing Corporation, Salem, Ohio. Combined sink and cabinet. 143,679; Jan. 29.

Stanitz, Jacques, Warren, assignor to Mullins Manufacturing Corporation, Salem, Ohio. Spray head. 143,765; Feb. 5.

Stanitz, Jacques, Warren, assignor to Mullins Manufacturing Corporation, Salem, Ohio. Bathtub. 143,766; Feb. 5.

Stanitz, Jacques, Warren, assignor to Mullins Manufacturing Corporation, Salem, Ohio. Bathtub. 143,767; Feb. 5.

Stanitz, Jacques, Warren, assignor to Mullins Manufacturing Corporation, Salem, Ohio. Bathtub. 143,768; Feb. 5.

Stanitz, Jacques, Warren, assignor to Mullins Manufacturing Corporation, Salem, Ohio. Bathtub. 144,428; Apr. 9.

Stanitz, Jacques, Warren, assignor to Mullins Manufacturing Corporation, Salem, Ohio. Bathtub. 144,429; Apr. 9.

Stanley, Darwin C., Compton, Calif. Head for a hobby horse or similar article. 144,427; Apr. 9.

Stanley, Paul H., Huntingdon Valley, assignor to Autogiro Company of America, Philadelphia, Pa. Rotative winged aircraft. 144,081; Mar. 5.

Star Ring Manufacturing Company, assignee: *See*— Beckstein, George C.

Steele, Elmer A., assignor to M. J. Blons, doing business as M. J. Blons and Company, Chicago, Ill. Top for water coolers. 145,759; Oct. 15.

Steelmaster Incorporated, assignee: *See*— Cohen, Sidney.

Stegman, Lester E., assignor to Dayton Acme Co., Cincinnati, Ohio. Flashlight. 144,946; June 4.

Stegman, Lester E., assignor to Dayton Acme Co., Cincinnati, Ohio. Flashlight. 145,469; Aug. 20.

Steinberg, Harold E., Philadelphia, Pa., assignor to The Esterbrook Pen Company, Camden, N. J. Writing pen. 146,012; Dec. 3.

Steinberg, Harry, New York, N. Y. Combined display stand and merchandise container unit. 144,741; May 14.

Steinberg, Jerome H., Brooklyn, N. Y. Combined lamp base and standard or similar article. 144,270; Mar. 26.

Steinberg, Jerome H., Brooklyn, N. Y. End plate for a fluorescent fixture. 145,960; Nov. 19.

Steiner, Charlotte, New York, N. Y. Toy animal. 145,760; Oct. 15.

Steiner, Leonard, Stamford, Conn. Vulcanizer machine frame. 144,003; Feb. 26.

Steingruber, George, Atlanta, Ga. Electric space heater. 144,004; Feb. 26.

Stelzer, Otto E., German Township, St. Joseph County, assignor to Calkins Appliance Corporation, South Bend, Ind. Combination toaster and cooker. 145,108; June 25.

Stephens, Joseph, Inglewood, Calif. Door knocker. 145,365; Aug. 6.

Stephenson, Charles E., New York, N. Y. Costumer. 144,996; June 11.

Stern, Herman: *See*— Beer, Leo, and Stern.

Stevens, Clifford B., Milwaukee, Wis., assignor to Modern Hygiene, Inc., Boston, Mass. Vacuum cleaner casing. 145,276; July 23.

Stevens, Clifford B., Milwaukee, Wis., assignor to Modern Hygiene, Inc., Boston, Mass. Vacuum cleaner attachment. 145,681; Oct. 1.

Stevens, Clifford B., assignor to Bradley Washfountain Co., Milwaukee, Wis. Washfountain. 145,989; Nov. 26.

Stewart, Bertram H., assignor to Streamline Motor Corp., New York, N. Y. Toy airplane engine. 143,449; Jan. 1

Stewart, Bertram H., New York, N. Y. Jar and bottle cap remover. 145,647; Sept. 24.

Stewart, Caroline E., Washington, D. C. Doll. 144,742; May 14.

Stewart, Donald E., assignor to Winters & Crompton Corporation, Grandville, Mich. Stove handle. 144,638; May 7.

Stewart, Donald E., assignor to Winters & Crampton Corporation, Grandville, Mich. Gas control knob for stoves and the like. 145,188; July 9.

Stewart-Warner Corporation, assignee: *See*—
Ayres, Francis L.
Fitzpatrick, Arthur M., Jr.
Leslie, John H., II.
Tjaarda, John.

Stiefvater, Francis J., Utica, N. Y., assignor to Utica Drop Forge & Tool Corporation. Combined fence tool and staple puller. 143,769; Feb. 5.

Stiles, Earl D., West Sand Lake, N. Y. Timing indicator for processing dental plastics. 145,824; Oct. 22.

Stinne, Leslie W.: *See*—
Seale, Charles E., Jr., and Stinne.

Stockmar, Albert H., Villa Rica, Ga. Stalk cutter. 144,639; May 7.

Stokby, Axel, assignor to Danish Trading Co., Inc., New York, N. Y. Anniversary spoon. 145,339; July 30.

Stolaroff, E. Manuel, assignee: *See*—
Crane, Walton B.

Stollsteimer, Frederick J., Miami Beach, Fla. Bird feeder. 144,271; Mar. 26.

Stollsteimer, Frederick J., Miami Beach, Fla. Hanging flower vase. 145,366; Aug. 6.

Stone, Leland G., assignor to The Magnavox Company, Fort Wayne, Ind. Radio cabinet. 144,082; Mar. 5.

Stone, Leland G., assignor to The Magnavox Company, Fort Wayne, Ind. Radio speaker grille or similar article. 145,912; Nov. 12.

Stone, Robert L., Guilford, assignor to The Soundscriber Corporation, New Haven, Conn. Transcriber floor switch. 144,640; May 7.

Stone, Robert L., Guilford, assignor to The Soundscriber Corporation, New Haven, Conn. Cabinet for a disk dictating machine. 144,947; June 4.

Storm, Frederick K., Los Angeles, Calif., assignor to Adel Precision Products. Spoon. 143,450; Jan. 1.

Storm, Frederick K., Los Angeles, Calif., assignor to Adel Precision Products Corp. Kitchen utensil handle. 143,563; Jan. 15.

Storm, Frederick K., Los Angeles, Calif., assignor to Adel Precision Products Corp. Medico-surgical camera casing. 145,412; Aug. 13.

Stough, Turney H., Jeannette, Pa. Candy containing toy telephone. 144,272; Mar. 26.

Strauss, Hermann, and R. Gardel, New York, N. Y. Brooch pin. 143,451; Jan. 1.

Strauss, Hermann, and R. Gardel, New York, N. Y. Brooch pin. 143,452; Jan. 1.

Strauss, Irving, Bridgeport, Conn., and G. O. Kaye, Forest Hills, N. Y. Electric record player or similar article. 144,948; June 4.

Strauss, Irving, Bridgeport, Conn., and G. O. Kaye, Forest Hills, N. Y. Record player or similar article. 144,949; June 4.

Strauss, Luke J., Buffalo, N. Y., assignor of one-half to L. Buchmann. Lighter for cigarettes or the like. 145,255; July 16.

Streamline Motor Corp., assignee: *See*—
Stewart, Bertram H.

Strom, Clifford, assignee: *See*—
Budlong, Robert D.

Stumpf, Elmer J., assignor to New Plastic, Los Angeles, Calif. Drinking cup. 144,223; Mar. 19.

Sulak, Anton F., Seattle, Wash. Clothespin. 144,269; Mar. 26.

Sulak, Anton F., Seattle, Wash. Toothbrush holder. 144,997; June 11.

Sun Oil Company, assignee: *See*—
Aldridge, Albert E.

Sundberg, Carl W., Detroit, Mich., assignor to Landers, Frary & Clark, New Britain, Conn. Scale. 144,273; Mar. 26.

Sundberg, Carl W., Detroit, assignor to Nineteen Hundred Corporation, St. Joseph, Mich. Combined washing machine and wringer or similar article. 145,543; Sept. 3.

Sundberg, Carl W., Detroit, assignor to Nineteen Hundred Corporation, St. Joseph, Mich. Combined washing machine and wringer or similar article. 145,639; Sept. 24.

Sundberg, Carl W., Detroit, assignor to Nineteen Hundred Corporation, St. Joseph, Mich. Casing for washing machines, drying machines, or the like. 145,640; Sept. 24.

Sundberg, Carl W., Birmingham, Mich., assignor to Bowser, Inc., Fort Wayne, Ind. Housing for dispensing apparatus. 144,812; May 21.

Sundberg, Carl W., Birmingham, Mich., assignor to Bowser, Inc., Fort Wayne, Ind. Housing for dispensing apparatus. 144,813; May 21.

Sundberg, Carl W., Birmingham, Mich., assignor to Bowser, Inc., Fort Wayne, Ind. Housing for dispensing apparatus. 144,814; May 21.

Sundberg, Carl W., Birmingham, Mich., assignor to Bowser, Inc., Fort Wayne, Ind. Housing for dispensing apparatus. 144,815; May 21.

Sundberg, Carl W., Birmingham, Mich., assignor to Bowser, Inc., Fort Wayne, Ind. Housing for dispensing apparatus. 144,816; May 21.

Sundberg, Carl W., Birmingham, Mich., assignor to Bowser, Inc., Fort Wayne, Ind. Housing for dispensing apparatus. 144,817; May 21.

Sundberg, Carl W., Birmingham, Mich., assignor to Bowser, Inc., Fort Wayne, Ind. Housing for dispensing apparatus. 144,818; May 21.

Sundberg, Carl W., Birmingham, Mich., assignor to Bowser, Inc., Fort Wayne, Ind. Housing for dispensing apparatus. 144,819; May 21.

Sundt, Edward V., El Monte, Calif. Lamp or similar article. 144,877; May 28.

Sunmaster Products Corporation, assignee: *See*—
Opperman, Roy.

Supulver, Johnnie M., Abilene, Tex. Fishing lure. 145,109; June 25.

Sussman, Andre, assignor to Moneau Corp. of New York, N. Y. Bottle. 144,430; Apr. 9.

Sussman, Andre, assignor to Moneau Corp. of New York, New York, N. Y. Bottle. 145,470; Aug. 20.

Sussman, Richard, New York, N. Y. Box. 144,743; May 14.

Suter, George D., Wauwatosa, assignor to Globe-Union Inc., Milwaukee, Wis. Spark plug. 143,680; Jan. 29.

Sutherlin, John E., New Orleans, La. Jewelry finding. 145,236; July 16.

Sutton, Harry A., assignor to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Airplane. 143,511; Jan. 8.

Swanson, Hilbert E., Milwaukee, assignor to Unit Crane & Shovel Corp., West Allis, Wis. Power shovel cab. 144,083; Mar. 5.

Swanson, Keith N., Hollywood, Calif. Photographic enlarger. 144,325; Apr. 2.

Swarr, Clyde M., Lancaster, Pa. Game board. 143,681; Jan. 29.

Swartzbaugh, Jason B., assignor to The Swartzbaugh Manufacturing Company, Toledo, Ohio. Electric heater. 145,544; Sept. 3.

Swartzbaugh, Jason B., assignor to The Swartzbaugh Manufacturing Company, Toledo, Ohio. Electric heater. 145,913; Nov. 12.

Swartzbaugh Manufacturing Company, The, assignee: *See*—
Swartzbaugh, Jason B.

Sylvania Electric Products Inc., assignee: *See*—
Miller, Arthur L.
Nitardy, Carl.

Syracuse Ornamental Co., assignee: *See*—
Bach, Alfons.
Diamond, Freda.
Fisher, Frederic H.

Szakacs, Louis, Rome, N. Y. Utility box. 144,744; May 14.

Talge, Foster L., assignee: *See*—
Talge, Henry J.

Talge, Henry J., et al.: *See*—
Majewski, Joseph M., Jr., and Talge.

Talge, Henry J., assignor to J. C. Hockery, F. L. Talge, and H. J. Talge, doing business as Rival Manufacturing Company, Kansas City, Mo. Container opener. 144,224; Mar. 19.

Talley, Hyrum M., Alhambra, Calif. Barbecue. 144,431; Apr. 9.

Tandler, William S., and F. A. de Weiss, New York, N. Y., assignors to Continental Motors Corporation, Muskegon, Mich. Portable engine power unit housing. 143,453; Jan. 1.

Tandler, William S., and F. A. de Weiss, assignors to Industrial Scientific Company, New York, N. Y. Automotive delivery vehicle. 145,592; Sept. 10.

Tanzi, Mario, assignee: *See*—
Mann, Cressent J.
Rest, Barbara.

Tanzi, Mario, Chicago, Ill. Brooch or similar article of jewelry. 143,564; Jan. 15.

Taylor, David, Great Neck, N. Y. Lapel watch frame. 145,185; July 9.

Taylor, David, Great Neck, N. Y. Lapel watch frame. 145,186; July 9.

Taylor, David, Great Neck, N. Y. Lapel watch frame. 145,187; July 9.

Taylor, David, Great Neck, N. Y. Lapel watch frame. 145,492; Aug. 27.

Taylor, David, Great Neck, N. Y. Lapel watch frame. 145,493; Aug. 27.

Taylor, David, Great Neck, N. Y. Lapel watch frame. 145,494; Aug. 27.

Taylor, David, Great Neck, N. Y. Lapel watch frame. 145,495; Aug. 27.

Taylor, David, Great Neck, N. Y. Lapel watch frame. 146,013; Dec. 3.

Taylor, Thomas T., and E. A. Chandler, Hawthorne, Calif. Clothespin. 144,820; May 21.

Teague, James, assignor to Wilson Specialties, Inc., Chicago, Ill. Food chopper or similar article. 144,225; Mar. 19.

Telechron Inc., assignee: *See*—
Collura, Francesco.

Tellier, Andre, New York, N. Y. Combined clock and map. 145,061; Nov. 19.

Terr, Joseph: *See*—
Glatthar, George E., and Terr.

Terry, Leon W., assignor of two-thirds to M. V. Terry, Flint, Mich. Combined desk lamp and display case. 144,745; May 14.

Terry, M. V., assignee: *See*—
Terry, Leon W.

Thannhauser, Fred G., Detroit, Mich. Music sheet. 143,942; Feb. 19.

Thodos, James E., assignor to Bend-a-Lite Plastics Division, branch of Oxygen Equipment & Service Co., Chicago, Ill. Lamp stand. 145,340; July 30.

Thomas, Islyn: *See*—
Shapiro, Benjamin H., Thomas, and Hohl.

Thomas, Romulus B., Springfield, Ill. Hooded light meter. 145,413; Aug. 13.

Thomas, William, assignee: *See*—
Catanzarite, Patsy G., and Lamancusa.

Thomas, William B., Kansas City, Mo. Figure toy. 144,005; Feb. 26.

Thompson, Enrique R., El Paso, Tex. Airplane. 145,545; Sept. 3.

Thompson, John, Kansas City, Mo. Fence tool. 145,341; July 30.

Thompson, Josephus, Covington, assignor of one-third to Grossman Music Company, Cleveland, Ohio. Musical instrument mouthpiece. 143,770; Feb. 5.

Thompson, Lucille, Pasadena, Calif. Doll. 143,631; Jan. 22.

Thompson, Parke H., Glendale, assignor to AMP Corporation, St. Louis, Mo. Carbonator cabinet. 143,887; Feb. 12.

Thompson, Sylvia F., Modesto, Calif. Slipper. 146,123; Dec. 24.

Thomsen, Jack W.: *See*—
Lieberman, William A., and Thomsen.

Thomsen, Jack W., Chicago, Ill. Compact. 143,682; Jan. 29.

Thomsen, Jack W., Chicago, Ill. Compact. 145,367; Aug. 6.

Thomson, John B., Plandome, N. Y. Vise. 145,641; Sept. 24.

Thorne, Cecil B., New York, N. Y. Combination radio and phonograph cabinet. 145,237; July 16.

Thorpe, John W., assignor to Lockheed Aircraft Corporation, Burbank, Calif. Airplane. 144,006; Feb. 26.

Threedy, Clarence E., assignee: *See*—
Haggstrom, Arthur C.

Tilford, Roy E., Garland, Tex. Insignia exhibitor. 145,825; Oct. 22.

Timken-Detroit Axle Company, The, assignee: *See*—
Walker, George W.

Tjaarda, John, Grosse Pointe Shores, Mich., assignor to Stewart-Warner Corporation, Chicago, Ill. Lubricating equipment cabinet. 145,990; Nov. 26.

Tjaarda, John, Grosse Pointe Shores, Mich., assignor to Stewart-Warner Corporation, Chicago, Ill. Lubricating equipment cabinet. 145,991; Nov. 26.

Tobias, Arthur A., assignor to R. T. Moloney, Chicago, Ill. Spiral grinding fixture. 143,683; Jan. 29.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 144,641; May 7.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 144,642; May 7.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 144,643; May 7.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 144,644; May 7.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 144,645; May 7.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 144,646; May 7.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 144,647; May 7.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 144,648; May 7.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 144,649; May 7.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 144,650; May 7.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 145,496; Aug. 27.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 145,497; Aug. 27.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 145,861; Oct. 29.

Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 145,862; Oct. 29.

Todd, Earl, Kokomo, Ind., assignor to Aerl, Inc. Scissors hone. 144,878; May 28.

Tokheim Oil Tank and Pump Company, assignee: *See*—
Cunningham, David.

Toipo, Lily M., assignor to Plasto Manufacturing Company, Chicago, Ill. Frame for mirrors, pictures, and the like. 145,593; Sept. 10.

Tomassini, Harry, Marion, Ohio. Clamp. 144,597; Apr. 30.

Towle Manufacturing Company, assignee: *See*—
Nock, Harold E.

Trautner, Wagn, Onondaga County, N. Y. Bus marker light. 144,527; Apr. 23.

Trautner, Wagn, Onondaga County, N. Y. Clearance lamp. 145,277; July 23.

Trautner, Wagn, Onondaga County, N. Y. Side marker lamp. 145,278; July 23.

Trautner, Wagn, Onondaga County, N. Y. Corner marker light. 145,279; July 23.

Trifari, Krussman & Fishel, Inc., assignee: *See*—
Phillippe, Alfred.

Trinque, Hector J., Gardner, Mass. Sharpening device. 144,274; Mar. 26.

Trogstad, Finn, and M. O. Berg, Bethesda, Md. Clothespin. 144,226; Mar. 19.

Trollen, Martin E., assignor to Brown & Bigelow, St. Paul, Minn. Combined calendar stand and horizontal thermometer. 143,512; Jan. 8.

Troy, Francis J., Paterson, and F. Silver, South Orange, N. J. Hand mirror. 144,084; Mar. 5.

Troya, Henry, Inglewood, Calif. Combination nail file and polish receptacle. 144,007; Feb. 26.

Tubiolo, Caroline, Rochester, N. Y. Nursing bottle holder. 143,771; Feb. 5.

Tuch, Melvin, Milford, Conn. Set of chessmen. 145,992; Nov. 26.

Tucker, Gordon, Minneapolis, Minn. Score pad holder. 145,877; Nov. 5.

Tucker, Irving, White Plains, N. Y. Baby rattle. 145,342; July 30.

Tupper, Earl S., Upton, Mass. Combined cigarette and match case. 144,528; Apr. 23.

Tupper, Earl S., Upton, Mass. Fork or the like. 144,598; Apr. 30.

Tupper, Earl S., Upton, Mass. Spoon or the like. 144,599; Apr. 30.

Tydon, Walter, East Aurora, and L. E. Parmely, Buffalo, N. Y., assignors to Curtiss-Wright Corporation. Airplane. 144,146; Mar. 12.

Ullmann, Frank G., New York, N. Y. Fabric or similar article. 145,826; Oct. 22.

Uncas Manufacturing Company, assignee: *See*—
Barbieri, Nicholas.

Ungar, Fred G., New York, N. Y. Handbag or similar article. 144,008; Feb. 26.

Union Special Machine Company, assignee: *See*—
Christensen, Norman V., and Wallenberg.

Unit Crane & Shovel Corp., assignee: *See*—
Swanson, Hilbert E.

United Advertising Corporation, assignee: *See*—
Hathaway, William R.

United Cigar-Whelan Stores Corporation, assignee: *See*—
Malkin, Simon.

United States Glass Company, assignee: *See*—
Carlson, Charles W.

United States Naval Academy, 1948 A and B Classes of the, assignee: *See*—
Bates, Richard W.

U. S. Sliding Machine Company, assignee: *See*—
Meyer, Paul H.

U. S. Steel Furniture Manufacturing Corp., assignee: *See*—
Bond, Thomas B.

United Stove Company, assignee: *See*—
Miller, Harold H.

Universal Camera Corporation, assignee: *See*—
Rubin, Lewis J.
Ward, Wallace W.

Universal Lighters Selling Company Ltd., assignee: *See*—
Gostkowski, Bedri H.

Universal Microphone Co., assignee: *See*—
Shaeffer, Norbert.

Utica Drop Forge & Tool Corporation, assignee: *See*—
Stiefvater, Francis J.

Vail Manufacturing Company, assignee: *See*—
Barclay, Robert E.

Van den Broek, Jan A., assignor to Argus, Incorporated, Ann Arbor, Mich. Projector. 145,238; July 16.

Vandeventer, Anna E., Riverside, Calif. Combined toothbrush, dentifrice container, and brush sheath. 144,275; Mar. 26.

Van Doren, Harold, Philadelphia, Pa., assignor to Gerity-Adrian Manufacturing Corporation. Double robe hook. 144,009; Feb. 26.

Van Doren, Harold, Philadelphia, Pa., assignor to Gerity-Adrian Manufacturing Corporation. Robe hook. 144,010; Feb. 26.

Van Doren, Harold, Philadelphia, Pa., assignor to Gerity-Adrian Manufacturing Corporation. Towel bar bracket. 144,011; Feb. 26.

Van Doren, Harold, Philadelphia, Pa., assignor to Gerity-Adrian Manufacturing Corporation. Shelf bracket. 144,085; Mar. 5.

Van Doren, Harold, Philadelphia, Pa., assignor to Gerity-Adrian Manufacturing Corporation. Soap dish. 144,326; Apr. 2.

Van Doren, Harold, Philadelphia, Pa., assignor to Gerity-Adrian Manufacturing Corporation. Tumbler and brush holder. 144,327; Apr. 2.

Van Doren, Harold, Philadelphia, Pa., assignor to Gerity-Adrian Manufacturing Corporation. Brush holder. 144,328; Apr. 2.

Van Fleet, Mont V., Glendale, Calif. Electric heater. 143,654; Jan. 29.

Van Hee, Achiel B., assignee: *See*— Martin, Joseph F., Jr., and Van Hee.

Vaughn, Albert E., Orange, N. J. Hair curler. 143,772; Feb. 5.

Vergara, Samuel, Livermore, Calif. Pin or similar article. 144,432; Apr. 9.

Verrecchia, Alfeo, Providence, R. I. Brooch or similar article. 145,189; July 9.

Verrecchio, Gene, assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 144,950; June 4.

Victor Metal Products Corporation, assignee: *See*— Denham, Philip A.

Viewtone Company, assignee: *See*— Martial, Jacques, and Scull.

Vincelle, Dorothy, Oakland, Calif. Game board. 145,914; Nov. 12.

Virze, Robert J., Los Angeles, Calif. Shrubbery trimmer. 144,433; Apr. 9.

Vivaudou, Jean E., New York, N. Y. Herb bag. 143,773; Feb. 5.

Vivaudou, Jean E., New York, N. Y. Herb bag unit. 144,746; May 14.

Vivier, Roger, New York, N. Y. Shoe. 143,685; Jan. 29.

Vivier, Roger, New York, N. Y. Shoe. 143,686; Jan. 29.

Vivier, Roger, New York, N. Y. Shoe. 143,687; Jan. 29.

Vivier, Roger, New York, N. Y. Shoe. 143,688; Jan. 29.

Vivier, Roger, New York, N. Y. Shoe. 143,689; Jan. 29.

Vivier, Roger, New York, N. Y. Shoe. 143,690; Jan. 29.

Vivier, Roger, New York, N. Y. Shoe. 144,329; Apr. 2.

Vivier, Roger, New York, N. Y. Shoe. 144,651; May 7.

Vivier, Roger, New York, N. Y. Shoe. 144,747; May 14.

Voight, Oscar E., Galveston, Tex. Sinker. 144,012; Feb. 26.

Von Baumann, Cyril, New York, N. Y. Book cover. 143,843; Feb. 19.

Von Soden, Adolph F., Los Angeles, Calif. Deck of playing cards or the like. 143,565; Jan. 15.

Vuillemenot, Frederic A., assignor to The De Vilbiss Company, Toledo, Ohio. Atomizer. 143,566; Jan. 15.

W. & H. Jewelry Co., assignee: *See*— Horovitz, Morris.

Wager, Robert H., Maplewood, N. J. Optical unit. 145,993; Nov. 26.

Wager, Sidney G., assignor to The I. T. S. Company, Elyria, Ohio. Rubber heel or similar article. 143,944; Feb. 19.

Wagner, James C.: *See*— Wagner, Maurice N., and James C.

Wagner, Maurice N., and J. C., Long Beach, Calif. Swing seat. 143,632; Jan. 22.

Wagner, Raebelle, Freehold, N. J. Nipple for nursing bottles. 143,774; Feb. 5.

Wagner, Willys P., Franklin Village, and E. T. Gregorie, Grosse Ile Township, Oakland County, assignors to Ford Motor Company, Dearborn, Mich. Combination bumper guard and license plate holder. 145,915; Nov. 12.

Wakefield, Charlie E., Torrance, Calif. Bathtub mat. 146,149; Dec. 31.

Walker, George W., Pleasant Ridge, assignor to The Timken-Detroit Axle Company, Detroit, Mich. Water heater cabinet. 143,775; Feb. 5.

Walker, George W., Pleasant Ridge, assignor to Eureka Vacuum Cleaner Company, Detroit, Mich. Suction cleaner casing. 144,147; Mar. 12.

Walker, George W., Pleasant Ridge, Mich., assignor to Eureka Williams Corporation. Vacuum cleaner. 144,227; Mar. 19.

Walker, George W., Pleasant Ridge, assignor to Eureka Williams Corporation, Detroit, Mich. Suction cleaner casing. 144,529; Apr. 23.

Walker, George W., Pleasant Ridge, assignor to Eureka Williams Corporation. Vacuum cleaner casing. 144,600; Apr. 30.

Walker, George W., assignor, by mesne assignments, to H. D. Brotman, Detroit, Mich. Washing machine. 144,908; June 11.

Walker, George W., Pleasant Ridge, Mich., assignor to Eureka Williams Corporation. Vacuum cleaner casing. 145,751; Oct. 15.

Walker, George W., Pleasant Ridge, Mich., assignor to Eureka Williams Corporation. Vacuum cleaner casing. 146,124; Dec. 24.

Walker, Josef, New York, N. Y. Dress. 143,513; Jan. 8.

Walker, Josef, New York, N. Y. Dress. 143,514; Jan. 8.

Walker, Josef, New York, N. Y. Dress. 144,530; Apr. 23.

Walker, Josef, New York, N. Y. Dress. 145,190; July 9.

Walker, Josef, New York, N. Y. Dress. 145,827; Oct. 22.

Wallace, Frank C., North Hollywood, assignor to Monogram Manufacturing Company, Los Angeles, Calif. Handle. 145,343; July 30.

Wallenberg, Ned L.: *See*— Christensen, Norman V., and Wallenberg.

Walmark Mfg. Co., The, assignee: *See*— Reinecke, Jean O.

Walsh, James E., Burbank, Calif. Ice crusher or the like. 145,240; July 16.

Walter, Anton, New York, N. Y. Embroidered fabric. 144,014; Feb. 26.

Walter, Anton, New York, N. Y. Embroidered fabric. 144,015; Feb. 26.

Walter, Anton, New York, N. Y. Embroidered fabric. 144,330; Apr. 2.

Walter, Anton, New York, N. Y. Embroidered textile fabric. 144,434; Apr. 9.

Walter, Anton, New York, N. Y. Embroidered fabric. 145,682; Oct. 1.

Walter, Anton, New York, N. Y. Embroidered fabric. 146,090; Dec. 17.

Walter, Henry J. G.: *See*— Motley, John H. C., and Walter.

Walter, John H., Detroit, assignor to Nineteen Hundred Corporation, St. Joseph, Mich. Combined washing machine and wringer or similar article.. 145,642; Sept. 24.

Wandt, Carl, New York, N. Y. Lapel ornament or similar article. 144,086; Mar. 5.

Ward, Wallace W., Bloomfield, N. J., assignor to Universal Camera Corporation, New York, N. Y. Combined film and sound projector. 145,498; Aug. 27.

Ward, William J., Kansas City, Mo. Mock machine gun and wing attachment for bicycles. 144,013; Feb. 26.

Ward, William J., Kansas City, Mo. Clothespin. 144,472; Apr. 16.

Warner, Ernest L., Los Angeles, Calif. Combination cigarette and vanity case. 145,191; July 9.

Watson, Burr, assignee: *See*— Messick, Turner B.

Watts, Roy T., New York, and F. C. Rudolph, Jackson Heights, N. Y. Pressure cooker. 145,546; Sept. 3.

Waugh, Gwenyth, New York, N. Y. Slip over garment for outer wear. 143,776; Feb. 5.

Webber, Charles H.: *See*— Webber, Ralph and C. H.

Webber, Ralph and C. H., New York, N. Y. Cigarette container. 144,087; Mar. 5.

Webber, Ralph and C. H., New York, N. Y. Cigarette container. 144,088; Mar. 5.

Weber Machine Corporation, assignee: *See*— Leader, Herbert H.

Wee Folks Furniture Company, assignee: *See*— Adolf, Raymond L.

Weideman, Edward C., Westchester, assignor to Child Specialties, Inc., Chicago, Ill. Baby bib. 143,888; Feb. 12.

Weideman, Edward C., Westchester, assignor, by mesne assignments, to Child Specialties, Inc., Chicago, Ill. Child's dish. 144,016; Feb. 26.

Weidlich Sterling Spoon Co., assignee: *See*— Flauder, Alfred J.

Weinstock, William B., Flushing, N. Y. Brooch or similar article. 144,951; June 4.

Weinstock, William B., Flushing, N. Y. Brooch or similar article. 144,952; June 4.

Weinstock, William B., Kew Gardens Hills, Flushing, N. Y. Brooch or similar article. 145,762; Oct. 15.

Weisfield & Goldberg, Inc., assignee: *See*— Esh, Barnett.

Weiss, Max, New York, N. Y. Display stand and container for articles of jewelry and the like. 144,821; May 21.

Weissberg, Harry E., Vista, Calif. Trailer body. 144,748; May 14.

Welke, Ferdinand G., assignor to Shell Oil Company, Inc., San Francisco, Calif. Display counter. 145,148; July 2.

Welke, Ferdinand G., assignor to Shell Oil Company, Inc., San Francisco, Calif. Display counter. 145,149; July 2.

Wells, Fred W., assignor to Blair Manufacturing Company, Springfield, Mass. Lawn mower. 144,953; June 4.

Wells, Olga V., Alhambra, Calif. Vending machine. 145,605; Sept. 17.

Wemyss, Robert B., Louisville, Ky. Rigid side handle for cooking utensils. 143,567; Jan. 15.

Wemyss, Robert B., Louisville, Ky. Handle for cooking utensils. 143,568; Jan. 15.

Wemyss, Robert B., Louisville, Ky. Handle for cooking utensils. 143,569; Jan. 15.

Wemyss, Robert B., Louisville, Ky. Handle for cooking utensils. 143,570; Jan. 15.

Wemyss, Robert B., Louisville, Ky. Cigar counter humidor. 144,276; Mar. 26.

Wemyss, Robert B., Louisville, Ky. Counter rack for packaged commodities. 144,331; Apr. 2.

Wemyss, Robert B., Louisville, Ky., assignor to Reynolds Metals Company, Richmond, Va. Handle for cooking utensils. 145,643; Sept. 24.

Western Electric Company, Incorporated, assignee: *See*— Bennett, Robert M.

Westman, August A., Carnation, Wash. Wrench. 143,777; Feb. 5.

Weston, Alexander S., New York, N. Y., Display stand. 144,749; May 14.

Westrate, Ada, assignor to The Meyercord Co., Chicago, Ill. Wallpaper border or similar article. 145,547; Sept. 3.

Westrate, Ada, assignor to The Meyercord Co., Chicago, Ill. Wallpaper border or similar article. 145,548; Sept. 3.

Westrate, Ada, assignor to The Meyercord Co., Chicago, Ill. Wallpaper border or similar article. 145,549; Sept. 3.

Westrate, Ada, assignor to The Meyercord Co., Chicago, Ill. Wallpaper border or similar article. 145,550; Sept. 3.

Westrate, Ada, assignor to The Meyercord Co., Chicago, Ill. Wallpaper border or similar article 145,551; Sept. 3.

Westrate, Ada, assignor to The Meyercord Co., Chicago, Ill. Wallpaper border or similar article. 145,552; Sept. 3.

Westrate, Ada, assignor to The Meyercord Co., Chicago, Ill. Wallpaper border or similar article. 145,553; Sept. 3.

Westrate, Ada, assignor to The Meyercord Co., Chicago, Ill. Wallpaper border or similar article. 145,554; Sept. 3.

Wheary, Warren, Evanston, Ill. Merchandise display rack. 145,049; June 18.

While, Roy R., assignor to Henry Paulson and Company, Chicago, Ill. Balance truing caliper. 143,691; Jan. 29.

White Cabinet Corporation, assignee: *See*— White, Charles C.

White, Charles C., assignor to White Cabinet Corporation, New York, N. Y. Combination sink and cooking stove. 143,633; Jan. 22.

White, Constance R., Beverly Hills, Calif. Toy figure or similar article. 145,344; July 30.

White, J. J., Manufacturing Company, assignee: *See*— Flatau, James G.

White, James, Corbridge, England. Drawer handle or similar article. 145,606; Sept. 17.

White, Murray, Boston, Mass. Textile fabric. 146,091; Dec. 17.

White, Olivia, San Francisco, Calif. Pencil for telephone dials. 143,515; Jan. 8.

White, Paul, Pomona, N. Y. Nested table unit. 143,454; Jan. 1.

White, Percival, Long Ridge, N. Y. Desk writing unit. 145,828; Oct. 22.

White, Murray, Boston, Mass. Textile fabric. 146,092; Dec. 17.

White, Murray, Boston, Mass. Textile fabric. 146,093; Dec. 17.

White, Murray, Boston, Mass. Textile fabric. 146,094; Dec. 17.

Whitlock, George E., Warren, assignor to Mullins Manufacturing Corporation, Salem, Ohio. Drainboard for a sink. 143,516; Jan. 8.

Whitlock, George E., Warren, assignor to Mullins Manufacturing Corporation, Salem, Ohio. Drainboard for a sink. 143,517; Jan. 8.

Whitman, Frank J., Los Angeles, Calif. Towel rack. 145,829; Oct. 22.

Whitney, Claude W., Alhambra, Calif. Bird house. 143,455; Jan. 1.

Whitt, Sidney A., Yonkers, assignor to Cordley & Hayes, New York, N. Y. Drinking fountain unit. 145,499; Aug. 27.

Whitworth, Ozell, Detroit, Mich. Airplane. 144,879; May 28.

Wickes Bros., assignee: *See*— Floeter, Frederick S.

Wiechmann, Berté A., Portland, Oreg., assignor to Jantzen Knitting Mills. Sweater. 145,368; Aug. 6.

Wiechmann, Berté A., Portland, Oreg., assignor to Jantzen Knitting Mills. Sweater. 145,369; Aug. 6.

Wiechmann, Berté A., Portland, Oreg., assignor to Jantzen Knitting Mills. Sweater. 145,370; Aug. 6.

Wiechmann, Berté A., Portland, Oreg., assignor to Jantzen Knitting Mills. Sweater. 145,371; Aug. 6.

Wiechmann, Berté A., Portland, Oreg., assignor to Jantzen Knitting Mills. Sweater. 145,372; Aug. 6.

Wiechmann, Berté A., Portland, Oreg., assignor to Jantzen Knitting Mills. Sweater. 145,373; Aug. 6.

Wiechmann, Berté A., Portland, Oreg., assignor to Jantzen Knitting Mills. Sweater. 146,095; Dec. 17.

Wiedenhoeft, Arthur E., Glen Ellyn, Ill. Electric lighting fixture. 145,471; Aug. 20.

Wiener, Joseph D., Cedarhurst, N. Y. Lace or similar article. 144,531; Apr. 23.

Wiesner, Luther J., New York, N. Y. Font of printing type. 144,880; May 28.

Wilcox, Clark L., Easton, assignor to Field and Flint Co., Brockton, Mass. Shoe. 145,110; June 25.

Wilde, Hans W., North Bergen, N. J. Textile fabric. 144,822; May 21.

Wilde, Hans W., North Bergen, N. J. Textile fabric. 144,823; May 21.

Wilde, Hans W., North Bergen, N. J. Textile fabric. 144,824; May 21.

Wildgust, Allon C. C., assignor to Hardwick & Magee Company, Philadelphia, Pa. Carpet or the like. 145,241; July 16.

Wildgust, Allon C. C., assignor to Hardwick & Magee Company, Philadelphia, Pa. Carpet or the like. 145,242; July 16.

Wilkens, Emily, New York, N. Y. Dress. 144,473; Apr. 16.

Wilkinson, Herbert W., Jr., Southbridge, Mass. Fabric testing display stand. 145,763; Oct. 15.

Willemain, Emile L., Holyoke, Mass., and W. W. Morris, Hazardville, Conn. Wheeled toy. 144,332; Apr. 2.

Willett, Thomas J., Louisville, Ky. Game board. 143,458; Jan. 1.

Williams, Alma G., assignee: *See*— Williams, Arthur P.

Williams, Arthur P., assignor to A. G. Williams, St. Louis, Mo. Infant's shoe. 143,457; Jan. 1.

Williams, Charles W., assignor to Polaroid Corporation, Cambridge, Mass. Eyeshield or similar article. 144,652; May 7.

Williams, Charles W., assignor to Polaroid Corporation, Cambridge, Mass. Eyeshield or similar article. 144,653; May 7.

Williams, David H.: *See*— Hite, Walter A., Harvuot, and Williams.

Williamson, Ray F.: *See*— Palmer, Irwin H., and Williamson.

Willis, Walter L., Detroit, Mich. Utility shelf. 145,111; June 25.

Willys-Overland Motors, Inc., assignee: *See*— Benning, Walter F.

Wilson, Elbert M., Denver, Colo. Airplane mask. 144,750; May 14.

Wilson, Lawrence H., Detroit, assignor to Motor Wheel Corporation, Lansing, Mich. Cabinet for a heater or the like. 143,778; Feb. 5

Wilson, Lawrence H., Detroit, assignor to Motor Wheel Corporation, Lansing, Mich. Cabinet for a heater or the like. 143,779; Feb. 5.

Wilson, Lawrence H., Detroit, assignor to Motor Wheel Corporation, Lansing, Mich. Casing for a water heater or the like. 144,277; Mar. 26.

Wilson, Lawrence H., Detroit assignor to Motor Wheel Corporation, Lansing, Mich. Cabinet for a heater or the like. 144,654; May 7.

Wilson, Lawrence H., Detroit, assignor to Motor Wheel Corporation, Lansing, Mich. Cabinet for a heater or the like. 144,881; May 28.

Wilson Specialties, Inc., assignee: *See*— Teague, James.

Wingfoot Corporation, assignee: *See*— MacKusick, William P., and Wyant.

Winslow, James C., Inglewood, Calif. Pencil lead holder. 144,474; Apr. 16.

Winslow, Richard H., Glendale, W. E. Bloom, Burbank, and H. F. Aldrich, Glendale, Calif. Combination bottle opener, letter opener, and nail file. 144,228; Mar. 19.

Winsted Hardware Manufacturing Company, The, assignee: *See*— Florian, Gordon W.

Winters & Crampton Corporation, assignee: *See*— Stewart, Donald E.

Wiser, William L.: *See*— Snyder, Leland H., and Wiser.

Wittke, Kurt H., Berkeley, Mich., assignor to Eureka Williams Corporation. Combined nozzle and brush for a vacuum cleaner or similar article. 144,229; Mar. 19.

Wohl, Daniel, Los Angeles, Calif. Cigarette case or the like. 144,278; Mar. 26.

Wolf, Nina, New York, N. Y. Necklace or similar article. 144,532; Apr. 23.

Wolf, Robert A.: *See*— Bowers, Herbert L., and Wolf.

Wolf, Robert A., Kenmore, assignor to Bell Aircraft Corporation, Wheatfield, N. Y. Helicopter. 146,161; Dec. 31.

Wolf, William, assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth. 144,825; May 21.

Wolf, William, assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth. 144,826; May 21.

Wolfe, Rodney, Verdun, Quebec, Canada. Photographic mounting. 144,954; June 4.

Wolff, Julia P., New York, N. Y. Eyelash curler. 143,945; Feb. 19.

Wollner-Clist Inc., assignee: *See*— Clist, Albert D.

Wolock, Morris, New York, N. Y. Shoe. 146,160; Dec. 31.

Wood Commodities Corp., assignee: *See*— Mandelbaum, Bernard R.

Wood, Louvan E., Baltimore, Md., assignor to Bendix Aviation Corporation, South Bend, Ind. Wind indicating apparatus or similar article. 145,345; July 30.

Wood, Pearl L., Los Angeles, Calif. Soap dish. 143,889; Feb. 12.

Woodley, Edward L., Baird, Tex. Clip bookmark. 145,705; Oct. 8.

Woodley, Edward L., Baird, Tex. Clip bookmark. 145,706; Oct. 8.

Woods, Merrill J., Indianapolis, Ind. Cooking stove or similar article. 143,518; Jan. 8.

Woods, Robert J., Grand Island, assignor to Bell Aircraft Corporation, Wheatfield, N. Y. Airplane. 146,162; Dec. 31.

Woodward, Frederick R., Attleboro, Mass., assignor to Gorham Manufacturing Company, Providence, R. I. Fork or other article of flatware. 143,890; Feb. 12.

Woodward, Lawrence P., Chicago, Ill. Display card holder or the like. 143,780; Feb. 5.

Woofter, Cecil B., assignor to Brown & Bigelow, St. Paul, Minn. Support for playing cards. 144,435; Apr. 9.

Worley, Norman R., White City, Kans. Toilet kit. 144,533; Apr. 23.

Wortman, Grant, Chicago, Ill. Beverage coaster. 143,946; Feb. 19.

Wright, John H., Philadelphia, Pa. Toy figure. 145,594; Sept. 10.

Wurlitzer, Rudolph, Company, The, assignee: *See*— Zaiser, William.

Wyant, James N.: *See*— MacKusick, William P., and Wyant.

Wyckoff, Nathan D., Chicago, Ill. Link for bracelets and the like. 144,655; May 7.

Wymer, William C., U. S. Navy, Oregon City, Oreg. Game board. 145,644; Sept. 24.

Yankee Metal Products Corp., assignee: *See*— Putterman, Benjamin.

Yant, William P., Murraysville, assignor to Mine Safety Appliances Company, Pittsburgh, Pa. Facepiece for breathing apparatus. 143,781; Feb. 5.

Yant, William P., Murraysville, assignor to Mine Safety Appliances Company, Pittsburgh, Pa. Facepiece for breathing apparatus. 143,782; Feb. 5.

Yates, George, Glendale, Calif. Jar top wrench. 145,683; Oct. 1.

Yerkes, John A., New York, N. Y. Paper punch. 144,601; Apr. 30.

Yerkes, John A., New York, N. Y. Staple puller. 144,955; June 4.

Ylitalo, Uuno A., Detroit, Mich. Picture frame. 144,436; Apr. 9.

Ylitalo, Uuno A., Detroit, Mich. Picture frame. 144,437; Apr. 9.

Yohanan, Simon D., Chicago, Ill. Game board. 144,656; May 7.

York, Percy J., Tampa, Fla. Whatnot shelf unit. 145,555; Sept. 3.

Yost, Kermit D.: *See*— Snyder, Leland H., and Yost.

Young, Theodore F., Attica, assignor to Scott Aviation Corporation, Lancaster, N. Y. Airplane tail wheel. 144,751; May 14.

Zabel, William C. P., and R. C. Helfenbein, Chicago, Ill. Funnel. 143,458; Jan. 1.

Zabiak, Daniel M., Chicago, Ill. Airplane. 145,916; Nov. 12.

Zagumny, Felix J., assignor to John A. Maxwell & Associates, Detroit, Mich. Wood plane. 145,962; Nov. 19.

Zaha, Abraham, and J. Monicatti, Detroit, Mich. Bird cage. 144,089; Mar. 5.

Zaiser, William, Rockville Centre, N. Y., assignor to The Rudolph Wurlitzer Company, Chicago, Ill. Piano. 143,459; Jan. 1.

Zaiser, William, Rockville Centre, N. Y., assignor to The Rudolph Wurlitzer Company, Chicago, Ill. Piano. 143,460; Jan. 1.

Zaiser, William, Rockville Centre, N. Y., assignor to The Rudolph Wurlitzer Company, Chicago, Ill. Piano. 143,634; Jan. 22.

Zaiser, William, Rockville Centre, N. Y., assignor to The Rudolph Wurlitzer Company, Chicago, Ill. Piano. 143,635; Jan. 22.

Zaiser, William, Rockville Centre, N. Y., assignor to The Rudolph Wurlitzer Company, Chicago, Ill. Piano. 143,636; Jan. 22.

Zaiser, William, Rockville Centre, N. Y., assignor to The Rudolph Wurlitzer Company, Chicago, Ill. Piano. 143,637; Jan. 22.

Zaiser, William, Rockville Centre, N. Y., assignor to The Rudolph Wurlitzer Company, Chicago, Ill. Piano. 143,638; Jan. 22.

Zaiser, William, Rockville Centre, N. Y., assignor to The Rudolph Wurlitzer Company, Chicago, Ill. Piano. 144,090; Mar. 5.

Zaiser, William, Rockville Centre, N. Y., assignor to The Rudolph Wurlitzer Company, Chicago, Ill. Piano. 144,091; Mar. 5.

Zaiser, William, Rockville Centre, N. Y., assignor to The Rudolph Wurlitzer Company, Chicago, Ill. Piano. 144,092; Mar. 5.

Zaiser, William, Rockville Centre, N. Y., assignor to The Rudolph Wurlitzer Company, Chicago, Ill. Piano. 144,230; Mar. 19.

Zaiser, William, Rockville Centre, N. Y., assignor to The Rudolph Wurlitzer Company, Chicago, Ill. Piano. 144,438; Apr. 9.

Zaiser, William, Rockville Centre, N. Y., assignor to The Rudolph Wurlitzer Company, Chicago, Ill. Piano. 144,439; Apr. 9.

Zaiser, William, Rockville Centre, N. Y., assignor to The Rudolph Wurlitzer Company, Chicago, Ill. Piano. 144,440; Apr. 9.

Zaiser, William, Rockville Centre, N. Y., assignor to The Rudolph Wurlitzer Company, Chicago, Ill. Piano. 144,882; May 28.

Zaiser, William, Rockville Centre, N. Y., assignor to The Rudolph Wurlitzer Company, Chicago, Ill. Piano. 145,994; Nov. 26.

Zaiser, William, Rockville Centre, N. Y., assignor to The Rudolph Wurlitzer Company, Chicago, Ill. Piano. 146,163; Dec. 31.

Zaiser, William, Rockville Centre, N. Y., assignor to The Rudolph Wurlitzer Company, Chicago, Ill. Piano. 146,164; Dec. 31.

Zeleski, Albert J., Washington, D. C. Egg lifter or similar article. 144,441; Apr. 9.

Zelov, Victor I., Rosemont, Pa. Tray. 145,764; Oct. 15.

Zenith Radio Corp., assignee: *See*— Budlong, Robert D.

Zimbalist, Fred, Cleveland Heights, Ohio. Cigarette server. 145,863; Oct. 29.

Zimmer, Myron J.: *See*— Chandler, James H., and Zimmer.

Zimmer, Myron J., Wood Dale, assignor to Ekco Products Company, Chicago, Ill. Cooking utensil closure. 143,692; Jan. 29.

Zimmer, Myron J., Wood Dale, assignor to Ekco Products Company, Chicago, Ill. Pressure cooker. 143,693; Jan. 29.

Zimmer, Myron J., Wood Dale, assignor to Ekco Products Company, Chicago, Ill. Combined vegetable chopper, peeler, and slicer. 143,694; Jan. 29.

Zimmer, Myron J., Wood Dale, assignor to Ekco Products Company, Chicago, Ill. Covered receptacle for preparing and serving food. 144,956; June 4.

Zimmer, Myron J., Wood Dale, assignor to Ekco Products Company, Chicago, Ill. Cooking utensil supporting tray. 145,192; July 9.

Zimmerman, Gerald O., Klamath Falls, Oreg. Game board. 144,602; Apr. 30.

Zimmerman, Samuel, New York, N. Y. Coat. 143,519; Jan. 8.

Zimmerman, Samuel, New York, N. Y. Coat. 143,520; Jan. 8.

Zimmerman, Samuel, New York, N. Y. Coat. 143,521; Jan. 8.

Zimmerman, Samuel, New York, N. Y. Coat. 143,522; Jan. 8.

Zimmerman, Samuel, New York, N. Y. Coat. 143,696; Jan. 29.

Zimmerman, Samuel, New York, N. Y. Coat. 144,333; Apr. 2.

Zimmerman, Samuel, New York, N. Y. Coat. 144,334; Apr. 2.

Zimmerman, Samuel, New York, N. Y. Coat. 144,335; Apr. 2.

Zimmerman, Samuel, New York, N. Y. Coat. 144,336; Apr. 2.

Zimmerman, Samuel, New York, N. Y. Coat. 144,337; Apr. 2.

Zimmerman, Samuel, New York, N. Y. Coat. 144,338; Apr. 2.

Zimmerman, Samuel, New York, N. Y. Coat. 144,339; Apr. 2.

Zimmerman, Samuel, New York, N. Y. Coat. 144,340; Apr. 2.

Zimmerman, Samuel, New York, N. Y. Coat. 144,341; Apr. 2.

Zimmerman, Samuel, New York, N. Y. Coat. 144,342; Apr. 2.

Zimmerman, Samuel, New York, N. Y. Coat. 144,343; Apr. 2.

Zimmerman, Samuel, New York, N. Y. Coat. 144,442; Apr. 9.

Zimmerman, Samuel, New York, N. Y. Coat. 144,443; Apr. 9.

Zimmerman, Samuel, New York, N. Y. Coat. 144,657; May 7.

Zimmerman, Samuel, New York, N. Y. Coat. 144,658; May 7.

Zimmerman, Samuel, New York, N. Y. Coat. 144,659; May 7.

Zimmerman, Samuel, New York, N. Y. Coat. 144,660; May 7.

Zimmerman, Samuel, New York, N. Y. Coat. 144,661; May 7.

Zimmerman, Samuel, New York, N. Y. Coat. 144,662; May 7.

Zimmerman, Samuel, New York, N. Y. Coat. 144,663; May 7.

Zimmerman, Samuel, New York, N. Y. Coat. 144,664; May 7.

Zimmerman, Samuel, New York, N. Y. Coat. 144,665; May 7.

Zimmerman, Samuel, New York, N. Y. Coat. 144,666; May 7.

Zimmerman, Samuel, New York, N. Y. Coat. 144,667; May 7.

Zimmerman, Samuel, New York, N. Y. Coat. 144,668; May 7.

Zimmerman, Samuel, New York, N. Y. Coat. 144,999; June 11.

Zimmerman, Samuel, New York, N. Y. Coat. 145,000; June 11.

Zimmerman, Samuel, New York, N. Y. Coat. 145,001; June 11.

Zimmerman, Samuel, New York, N. Y. Coat. 145,112; June 25.

Zinaman, Charles, New York, N. Y. Nightgown or similar article. 144,148; Mar. 12.

Ziniti, Evelyn, New York, N. Y. Shoe. 145,193; July 9.

Ziniti, Evelyn, New York, N. Y. Shoe or similar article. 145,556; Sept. 3.

Ziniti, Evelyn, New York, N. Y. Shoe or similar article. 145,684; Oct. 1.

Zinkil, Roy H., Oak Park, assignor to Crane Co., Chicago, Ill. Cover plate for a double bath faucet or the like. 143,695; Jan. 29.

Zinkil, Roy H., Oak Park, assignor to Crane Co., Chicago, Ill. Faucet handle or the like. 145,607; Sept. 17.

Zinkil, Roy H., Oak Park, Ill., and H. Dreyfuss, New York, N. Y., assignors to Crane Co., Chicago, Ill. 143,783; Feb. 5.

Zonenstein, Julius, assignor of one-third to H. Lunenfeld, Philadelphia, Pa. Lipstick container. 144,603; Apr. 30.

Zussman, Irving, assignee: *See*— Derham, Philip A.

LIST OF DISCLAIMERS

Allen, William R., Shaker Heights, and Emmett C. Hartley, Euclid Village, Ohio. Disclaimer filed by the assignee, Addressograph-Multigraph Corporation. No. 1,967,221; disclaimer filed Aug. 17, 1946; v. 590; p. 364.

Allin, George S., Seattle, Wash. Disclaimer filed by the assignee, Gar Wood Industries, Inc. Re. No. 21,447; disclaimer filed Jan. 24, 1946; v. 584; p. 1.

Almy, Richard, Lancaster Township, Lancaster County, Pa. Disclaimer filed by the assignee, Armstrong Cork Company; No. 2,277,941; disclaimer filed Aug. 26, 1946; v. 591, p. 1.

Alvira, Alfonso, Schenectady, N. Y. Disclaimer filed by the assignee, General Electric Company. No. 2,339,608; disclaimer filed Feb. 15, 1946; v. 584; p. 311.

Andrews, Raynal W., Jr., and Arthur T. Delly, Pittsburgh, Pa. Disclaimer filed by the assignee, Aluminum Company of America. No. 2,331,953; disclaimer filed Feb. 14, 1946; v. 584; p. 311.

Ashbaugh, John H., Springfield, Mass. Disclaimer filed by the assignee, Westinghouse Electric Corporation. No. 2,079,238; disclaimer filed Feb. 26, 1946; v. 585; p. 1.

Barkelj, Jean A. H., Altadena, Calif. (Two cases.) Disclaimer filed by the inventor. Nos. 2,145,577 and 2,191,746; disclaimers filed Nov. 12 and Nov. 15, 1946; v. 593; p. 141.

Battye, Albert Edward, John Thompson Marsh, Joseph Tankard, William Harling Watson, and Frederick Charles Wood, Manchester, England. Disclaimer filed by the assignee, Tootal Broadhurst Lee Company. No. 2,088,227; disclaimer filed Nov. 25, 1946; v. 593; p. 438.

Bruckman, William C., Yellow Springs, Ohio. Disclaimer filed by the assignee, Westinghouse Electric Corporation. No. 2,356,818; disclaimer filed Dec. 29, 1945; v. 583; p. 211.

Buffington, Harry C., Springfield, Ill. Disclaimer filed by the assignee, The Baker Manufacturing Company. Re. No. 20,996; disclaimer filed Jan. 23, 1946; v. 584; p. 1.

Clark, Thomas B., Rockford, Ill. Disclaimer filed by the assignee, The Permutit Company. No. 2,111,169; disclaimer filed June 28, 1946; v. 588; p. 678.

Cleaver, John C., and Jules Verne Resek, Whitefish Bay, Wis. Disclaimer filed by the assignee, Cleaver-Brooks Company. No. 2,388,599; disclaimer filed Aug. 28, 1946; v. 591; p. 1.

Crampton, Basil R., Grand Rapids, Mich. Disclaimer filed by the patentee. No. 2,333,159; disclaimer filed Mar. 4, 1946; v. 585; p. 1.

Delaruelle, Arthur H., U. S. Marine Corps, and Harry Price, U. S. Navy. Disclaimer filed by the inventors. No. 2,326,766; disclaimer filed June 3, 1946; v. 588; p. 13.

Dix, Edgar H., Jr., Oakmont, Pa. Disclaimer filed by the assignee, Aluminum Company of America. No. 1,865,089; disclaimer filed Nov. 14, 1946; v. 593; p. 275.

Dohrn, Max, Berlin-Charlottenburg, and Paul Diedrich, Finkenkrug, Osthavelland, near Berlin, Germany. Disclaimer filed by the assignee, Schering Corporation. No. 2,345,384; disclaimer filed Feb. 18, 1946; v. 584; p. 485.

Erickson, Clarence N., Glendale, Calif. Disclaimer filed by the assignee, Don Baxter, Inc. No. 2,269,904; disclaimer filed Mar. 1, 1946; v. 585; p. 1.

Frailing, Le Roy H., Detroit, Mich. Disclaimer filed by the assignee, Packard Motor Car Company. No. 2,333,993; disclaimer filed June 24, 1946; v. 588; p. 678.

Frankenstein, William P., Cincinnati, Ohio. Disclaimer filed by the patentee. Re. No. 21,158; disclaimer filed Feb. 21, 1946; v. 585; p. 1.

Garman, George W., Glenville, N. Y. Disclaimer filed by the assignee, General Electric Company. No. 2,325,390; disclaimer filed June 7, 1946; v. 588; p. 353.

Gaugler, Richard S., Dayton, Ohio. Disclaimer filed by the assignee, General Motors Corporation. No. 2,350,347; disclaimer filed May 9, 1946; v. 587; p. 177.

Gaynor, James W., Chicago, Ill., and Clarence M. Loane, Hammond, Ind. Disclaimer filed by the assignee, Standard Oil Company. No. 2,362,624; disclaimer filed Feb. 20, 1946; v. 585; p. 173.

Glaser, Leo B., Cranford, N. J. Disclaimer filed by the assignee, General Instrument Corporation. No. 2,328,641; disclaimer filed Nov. 23, 1945; v. 582; p. 1.

Glitsch, Hans C., Dallas, Tex. Disclaimer filed by the assignee, Fritz W. Glitsch & Sons. No. 2,341,091; disclaimer filed July 25, 1946; v. 590; p. 196.

Goldstein, Morris E., Denver, Colo. Disclaimer filed by the inventor. No. 2,252,971; disclaimer filed May 27, 1946; v. 588; p. 13.

Harth, Phillip E., St. Louis, Mo. Disclaimer filed by the inventor and the assignee, National Lead Company. No. 1,991,637; disclaimer filed Nov. 26, 1946; v. 593; p. 437.

Heath, Almon A., Hawthorne, Calif. Disclaimer filed by the inventor. No. 2,203,280; disclaimer filed Oct. 7, 1946; v. 591; p. 655.

Heckert, Leon C., Bristol, Pa. Disclaimer filed by the assignee, Röhm & Haas Company. No. 1,808,893; disclaimer filed Oct. 26, 1946; v. 592; p. 413.

King, Robert A., Erie, Pa. Disclaimer filed by the assignee, General Electric Company. No. 2,317,775; disclaimer filed Jan. 9, 1946; v. 583; p. 211.

Kliesrath, Victor W., South Bend, Ind., and Roy S. Sanford, New York, N. Y. Disclaimer filed by the assignee, Bendix Products Corporation. No. 2,212,442; disclaimer filed July 3, 1946; v. 588; p. 678.

Kraus, Charles E., Rockford, Ill. Disclaimer filed by the assignee, The Ingersoll Milling Machine Company. No. 2,186,417; disclaimer filed Dec. 7, 1945; v. 582; p. 345.

Kuhn, Richard and Gerhard Wendt, Heidelberg, Germany. Disclaimer filed by the assignee, Winthrop Chemical Company, Inc. No. 2,296,167; disclaimer filed Oct. 26, 1946; v. 593; p. 141.

Laird, Wilbur G., Pleasantville, N. Y. Disclaimer filed by the inventor. No. 2,355,874; disclaimer filed Dec. 4, 1945; v. 582; p. 345.

Lawson, Elmer J., Newtonville, N. Y., and Hervey C. Parke and Leon A. Sweet, Detroit, Mich. Disclaimer filed by the assignee, Parke, Davis & Company. No. 2,358,337; disclaimer filed Oct. 16, 1946; v. 592; p. 413.

Le Tourneau, Robert G., Stockton, Calif. Disclaimer filed by the inventor and the assignee, R. G. Le Tourneau, Inc. No. 1,963,665; disclaimer filed Mar. 20, 1946; v. 586; p. 181.

Linscott, Leroy N., Yonkers, N. Y. Disclaimer filed by the assignee, Alexander Smith & Sons Carpet Company. No. 2,385,925; disclaimer filed May 10, 1946; v. 587; p. 503.

Lynes, John, Houston, Tex. Disclaimer filed by the inventor and the assignee, Lynes, Inc. No. 2,227,730; disclaimer filed Aug. 6, 1946; v. 590; p. 196.

Marsh, Myrle O., Fort Wayne, Ind. Disclaimer filed by the assignee, General Electric Company. No. 2,392,171; disclaimer filed Jan. 18, 1946; v. 583; p. 542.

McMahon, George F., Chicago, Ill. Disclaimer filed by the assignee, Schweitzer & Conrad, Inc. No. 2,328,825; disclaimer filed Sept. 19, 1946; v. 591; p. 507.

Merrill, Edward C., West Roxbury, James W. Reddie, Hull, and John M. Anderson, Woburn, Mass. Disclaimer filed by the assignee, United-Rexall Drug Company. No. 2,275,154; disclaimer filed Aug. 19, 1946; v. 590; p. 364.

Mikeska, Louis A., Roselle, N. J. Disclaimer filed by the assignee, Standard Oil Development Company. No. 2,219,050; disclaimer filed Sept. 18, 1946; v. 591; p. 507.

Mittag, Albert H., Schenectady, N. Y. Disclaimer filed by the assignee, General Electric Company. No. 2,362,294; disclaimer filed Oct. 17, 1946; v. 592; p. 135.

Obszarny, Theodore, Chicago, Ill. Disclaimer filed by the assignee, Guardian Electric Manufacturing Co. No. 2,351,451; disclaimer filed Dec. 19, 1945; v. 583; p. 211.

Ogden, Harold S., Erie, Pa. Disclaimer filed by the assignee, General Electric Company. No. 2,383,813; disclaimer filed Oct. 17, 1946; v. 592; p. 275.

Olander, Roland J., Chicago, Ill. Disclaimer filed by the assignee, W. H. Miner, Inc. No. 2,252,897; disclaimer filed Mar. 20, 1946; v. 585; p. 497.

Paca, John P., Canton, Ohio. Disclaimer filed by the assignee, Diebold, Incorporated. No. 1,828,436; disclaimer filed May 16, 1946; v. 587; p. 503.

Pedersen, John D., Springfield, Mass. Disclaimer filed by the inventor. No. 1,732,949; disclaimer filed Oct. 4, 1946; v. 591; p. 655.

Pflasterer, George R., Greenville, Pa. Disclaimer filed by the assignee, The Union Switch and Signal Company. No. 2,344,324; disclaimer filed Nov. 20, 1945; v. 582; p. 175.

Phillips, Irvine L., Long Beach, Calif. Disclaimer filed by the assignee, Seal-Pack Corporation. No. 2,336,291; disclaimer filed Nov. 15, 1946; v. 593; p. 275.

Pierce, Thomas M., Jr., St. Louis, Mo. Disclaimer filed by the assignee, David E. Owen. No. 2,288,596; disclaimer filed Dec. 27, 1945; v. 583; p. 211.

Pitman, Earle C., Bed Bank, N. J. Disclaimer filed by the assignee, E. I. du Pont de Nemours & Company. Re. No. 22,301; disclaimer filed May 13, 1946; v. 587; p. 508.

Pittman, Charles A., Jr., Sellersville, Pa. Disclaimer filed by the assignee, Philco Corporation; No. 2,381,079; disclaimer filed Aug. 15, 1946; v. 591; p. 1.

Polydoroff, Wladimir J., Wilmette, Ill. Disclaimer filed by the assignee, The Mantle Lamp Company of America. Re. No. 21,281; disclaimer filed Jan. 29, 1946; v. 583; p. 542.

Pouplitch, Ouglijesa Jules, Chicago, Ill. Disclaimer filed by the assignee, Illinois Tool Works. No. 2,324,269; disclaimer filed Oct. 25, 1946; v. 593; p. 1.

Powers, Frank T., Glen Cove, N. Y. Disclaimer filed by the inventor. No. 2,371,843; disclaimer filed July 23, 1946; v. 589; p. 491.

Preston, Neil D., Rochester, N. Y. Disclaimer filed by the assignee, General Railway Signal Company. No. 2,350,639; disclaimer filed Dec. 22, 1945; v. 582; p. 621.

Quimper, Anthony A., Westfield, Mass. Disclaimer filed by the assignee, Westinghouse Electric Corporation. No. 2,254,780; disclaimer filed Feb. 26, 1946; v. 585; p. 173.

Reggio, Fernando Carlo, Buffalo, N. Y. Disclaimer filed by the inventor. No. 2,378,037; disclaimer filed Nov. 19, 1945; v. 582; p. 1.

Rhoda, Ralph, Berkeley, Calif. Disclaimer filed by the assignee, Berkeley Pump Company. No. 2,315,656; disclaimer filed June 18, 1946; v. 591; p. 147.

Robinson, Edwin A., Chatham, and Arthur De Castro, Newark, N. J. Disclaimer filed by the assignee, National Oil Products Company. No. 2,403,304; disclaimer filed Aug. 13, 1946; v. 590; p. 196.

Roos, Delmar G., Toledo, Ohio. Disclaimer filed by the inventor; the assignee, Willys-Overland Motors, Inc., approving. No. 2,367,434; disclaimer filed Oct. 12, 1946; v. 592; p. 275.

Rugeley, Edward W., Theophilus A. Field, Jr., and John F. Conlon, Charleston, W. Va. Disclaimer filed by the assignee, Carbide and Carbon Chemicals Corporation. No. 2,161,766; disclaimer filed July 22, 1946; v. 589; p. 327.

Salzberg, Paul L., Wilmington, Del. Disclaimer filed by the assignee, E. I. du Pont de Nemours and Company. No. 2,101,323; disclaimer filed Jan. 8, 1946; v. 583; p. 211.

Sander, Frank V., Highland Park, N. J. Disclaimer filed by the assignee, Ortho Pharmaceutical Corporation. No. 2,330,846; disclaimer filed July 19, 1946; v. 589; p. 327.

Saunders, Norman H., Chicago, Ill. (Two cases.) Disclaimers filed by the assignee, Kellogg Switchboard & Supply Company. Nos. 2,279,531 and 2,325,151; disclaimers filed Mar. 20, and Apr. 18, 1946; v. 585; p. 343, and v. 586; p. 505.

Schwelter, Walter, Horgen, Switzerland. Disclaimer filed by the inventor. No. 2,401,516; disclaimer filed Oct. 29, 1946; v. 592; p. 413.

Schwendner, Anthony E., Ridley Park, Pa. Disclaimer filed by the assignee, Westinghouse Electric Corporation. No. 2,383,219; disclaimer filed Nov. 20, 1946; v. 593; p. 438.

Scilken, Joseph, New York, N. Y. Disclaimer filed by the inventor. No. 2,248,467; disclaimer filed Nov. 30, 1945; v. 582; p. 175.

Shaw, Hubert R., Drexel Hill, Pa., Disclaimer filed by the assignee, Radio Corporation of America. No. 2,354,148; disclaimer filed Dec. 13, 1945; v. 582; p. 621.

Shelters, Frederick C., Ludington, Mich. Disclaimer filed by the assignee, Thompson Cabinet Company. No. 2,255,950; disclaimer filed July 3, 1946; v. 589; p. 491.

Spaunburg, Harvey L., Bristol, and Edward A. Slye, East Hartford, Conn. Disclaimer filed by the assignee, The Wayne Pump Company. No. 2,181,712; disclaimer filed May 8, 1946; v. 587; p. 503.

Spiller, William R., and John F. Hannty, Dayton, Ohio. Disclaimer filed by the assignee, Harris-Seybold-Potter Company. No. 2,302,853; disclaimer filed May 6, 1946; v. 587; p. 177.

Taylor, Elmer H., Newburyport, Mass. Disclaimer filed by the assignee, The Chase-Shawmut Company, No. 2,370,206; disclaimer filed Sept. 12, 1946; v. 591; p. 327.

Thompson, Edward J., Ludington, Mich. Disclaimer filed by the assignee, Thompson Cabinet Company. No. 2,255,949; disclaimer filed July 3, 1946; v. 588; p. 678.

Thornton, Henry M., York, Pa. Disclaimer filed by the assignee, The Dentists' Supply Company of New York. No. 2,345,305; disclaimer filed Mar. 6, 1946; v. 585; p. 173.

Udale, Stanley M., Detroit, Mich. Disclaimer filed by the inventor and the assignees, George M. Holley and Earl Holley. No. 2,367,542; disclaimer filed Mar. 5, 1946; v. 585; p. 173.

Utter, Gustaf E., Worcester, Mass. Disclaimer filed by the assignee, William D. Dodenhoff. No. 2,354,340; disclaimer filed Dec. 19, 1945; v. 583; p. 542.

Varian, Russell H., Stanford University, Calif. Disclaimer filed by the inventor; the assignee, The Board of Trustees of The Leland Stanford, Jr., University, concurring. No. 2,242,275; disclaimer filed Dec. 4, 1946; v. 593; p. 575.

Wentworth, Chandler, Haddon Heights, N. J. Disclaimer filed by the assignee, Radio Corporation of America. No. 2,322,722; disclaimer filed Dec. 13, 1945; v. 582; p. 621.

Wherry, Dale J., St. Louis, Mo. Disclaimer filed by the inventor. No. 2,252,149; disclaimer filed July 11, 1946; v. 589; p. 327.

Wiezevich, Peter J., Elizabeth, N. J., now by judicial change of name Peter J. Gaylor. Disclaimer filed by the assignee, Jasco, Incorporated. No. 2,213,423; disclaimer filed Jan. 29, 1946; v. 583; p. 542.

Wilson, John C., Bayside, N. Y. Disclaimer filed by Charles E. Dean, administrator of the estate of John C. Wilson, deceased; the assignee, Hazeltine Research, Inc., assenting. No. 2,295,443; disclaimer filed May 7, 1946; v. 587; p. 335.

Wood, Harry F., Kenosha, Wis. Disclaimer filed by the inventor; the assignee, Nash-Kelvinator Corporation, acquiescing. No. 2,341,836; disclaimer filed Sept. 12, 1946; v. 591; p. 147.

LIST OF PLANT INVENTIONS

Anemone-flowered echinacea plant. B. W. Sill. 679; Apr. 9.
Apple tree. A. F. Etter. 699; June 18.
Apple tree. A. F. Etter. 710; Sept. 17.
Apple tree. F. A. Schell. 720; Dec. 24.
Apricot tree. W. H. Reeves. 693; June 4.
Apricot tree. W. L. Roberts. 674; Apr. 2.
Avocado tree. A. R. Chenoweth. 667; Jan. 15.
Azalea plant. B. R. Leach. 675; Apr. 9.
Azalea plant. B. R. Leach. 681; Apr. 16.
Barberry plant. P. Brown, Jr. 690; May 21.
Barberry plant. C. De Groot. 703; July 2.
Buddleia plant. P. J. Schmidt. 705–6; July 2.
Carnation plant. W. Sim. 669; Jan. 15.
Chrysanthemum plant. A. Cumming. 689; May 14.
Chrysanthemum plant. E. Prushek. 711; Oct. 1.
Chrysanthemum plant. E. Prushek. 714; Oct. 29.
Chrysanthemum plant. A. Cumming. 718; Dec. 10.
Flowering quince plant. T. Domoto. 700–1; June 25.
Freesia plant. C. J. Van Bourgondien. 691; May 21.
Geranium plant. H. R. Bohannon. 683–6; Apr. 30.
Grapevine. M. A. Owen. 692; May 28.
Hibiscus plant. H. C. Swim. 698; June 18.
Lily plant. F. Wurzlow, Sr. 708; July 16.
Peach tree. J. W. Nicholson. 670; Jan. 15.
Plum tree. F. H. Howard. 721; Dec. 31.
Rose plant. E. S. Boerner. 672–3; Apr. 2.
Rose plant. J. D. Brownell. 696; June 11.
Rose plant. R. L. Byrum. 694; June 11.
Rose plant. R. L. Byrum. 715; Nov. 12.
Rose plant. F. H. Howard. 702; July 2.
Rose plant. R. G. Jelly. 695; June 11.
Rose plant. W. I. Johnston. 680; Apr. 16.
Rose plant. J. H. and A. Kluis. 707; July 9.
Rose plant. W. E. Lammerts. 676–8; Apr. 9.
Rose plant. W. E. Lammerts. 704; July 2.
Rose plant. W. E. Lammerts. 716; Dec. 10.
Rose plant. T. J. Morris. 697; June 18.
Rose plant. S. B. Roberts. 682; Apr. 16.
Rose plant. A. C. Sodano. 688; May 14.
Rose plant. H. C. Swim. 709; Aug. 20.
Rose plant. H. C. Swim. 712; Oct. 8.
Rose plant. H. C. Swim. 713; Oct. 22.
Rose plant. H. C. Swim. 717; Dec. 10.
Rose plant. H. C. Swim. 719; Dec. 24.
Rose plant. A. F. Watkins. 687; Apr. 30.
Rose plant, Hybrid tea. C. Futterman. 668; Jan. 15.
Viola plant. F. Rourke. 671; Jan. 15.
Water-lily plant. P. D. Slocum. 666; Jan. 15.

LIST OF INVENTIONS

A-frame for excavating machines, Foldable. E. W. Taylor and F. Nielsen. 2,411,305; Nov. 19.
Abietyl compounds, Treatment of. N. L. Kalman. 2,395,278; Feb. 19.
Abrading and polishing tool. C. H. Minnick and E. Shive. 2,402,069; June 11.
Abrading device. E. A. Dodelin. 2,411,615; Nov. 26.
Abrading machine. R. F. Bardwell and J. H. Smith 2,406,789; Sept. 3.
Abrading machine. E. C. Mnrdock. 2,404,917; July 30.
Abrading wheel. E. W. Hall. 2,395,325; Feb. 19.
Abrasive article. H. W. Buell. 2,398,408; Apr. 16.
Abrasive article and making. J. A. Prentice. 2,394,478; Feb. 5.
Abrasive article and making. K. G. Ries, N. P. Roble, and P. Von Doenhoff. 2,404,192; July 16.
Abrasive article and making. D. B. Sharpe and R. A. Baumgartner. 2,405,524; Aug. 6.
Abrasive article and making same, Reinforced. E. E. Howard. 2,398,890; Apr. 23.
Abrasive article and making the same. S. S. Kistler. 2,406,485; Aug. 27.
Abrasive article and manufacture of the same. H. W. Buell. 2,412,599; Dec. 17.
Abrasive article and manufacturing the same. G. J. Goepfert and R. H. Rushmer. 2,397,101; Mar. 26.
Abrasive article, Making. J. F. Sachse. 2,404,598; July 23.
Abrasive articles. S. S. Kistler. 2,408,319; Sept. 24.
Abrasive belt. A. L. Ball. 2,404,207; July 16.
Abrasive binders and abrasive articles produced thereby, Curing. E. P. Davis. 2,405,191; Aug. 6.
Abrasive blasting. W. L. Keefer. 2,399,680; May 7.
Abrasive, Coated. H. P. Kirchner and A. L. Ball. 2,410,506; Nov. 5.
Abrasive pad and making it, Spongiform plastic. L. H. England. 2,413,551; Dec. 31.
Abrasive, Synthetic resin bonded. G. F. D'Alelio. 2,403,213; July 2.
Abrasive tool. A. Field. 2,410,870; Nov. 12.
Abrasives, Bonded. C. E. Wooddell, G. Van Nimwegen, and E. T. Hager. 2,400,036; May 7.
Abrasives, Manufacture of. N. E. Oglesby. 2,403,018; July 2.
Absorbent, Regeneration of. J. W. Latchum, Jr., and J. S. Connors. 2,404,854; July 30.
Absorber, Electrical power. E. C. Okress. 2,400,777; May 21.
Absorber, Inertia. H. A. Herzig. 2,408,067; Sept. 24.
Absorber, Shock. G. E. Dath. 2,400,490; May 21.
Absorber, Shock. R. J. Olander. 2,402,571; June 25.
Absorber, Shock. L. F. Thiry. 2,407,588; Sept. 10.
Absorption bases. N. K. Rosenthal. 2,398,254; Apr. 9.
Absorption process. D. L. Katz. 2,413,503; Dec. 31.
Abutment ring mold component for tire recapping apparatus, Separate section. J. W. Napier. 2,398,151; Apr. 9.
Accelerator, Electron. W. F. Westendorp. 2,394,073; Feb. 5.
Accelerator, Magnetic induction. D. W. Kerst. 2,394,070; Feb. 5.
Accelerator, Magnetic induction. W. F. Westendorp. 2,394,071; Feb. 5.
Accelerator, Rubber. W. H. Alton. 2,399,655; May 7.
Accelerators, Resinous vulcanization. E. W. Cook and E. O. Hook. 2,411,413; Nov. 19.
Accelerators, Vulcanization. A. A. Somerville. 2,401,519; June 4.
Accelerometer. J. E. Bevins. 2,394,974; Feb. 19.
2,394,268; Feb. 5.
Accelerometer. V. S. Harrison. 2,391,966; Jan. 1.
Accelerometer. E. Volet. 2,405,382; Aug. 6.
Accelerometer. W. P. Welch. 2,411,401; Nov. 19.
Accessory device for typewriters. J. G. Banister. 2,392,317; Jan. 8.
Accessory mechanism and drive for aircraft engines. J. W. Kinnucan. 2,410,167; Oct. 29.
Accessory to turnbuckle wrench. T. F. Hauck. 2,403,718; July 9.
Accordion treble shift mechanism. E. C. Osemberg. 2,410,897; Nov. 12.
Accounting and filing system. H. Weston. 2,407,119; Sept. 3.
Accounting apparatus. A. H. Dickinson. 2,402,988; July 2.
Accounting device, Mobile. A. K. Watson, W. L. Lewis, and J. L. Walsh. 2,398,061; Apr. 9.
Accounting machine. R. T. Blakely. 2,396,229; Mar. 12.
Accounting machine. W. Leathers and J. Haddad. 2,393,386; Jan. 22.
Accounting machine. W. H. Robertson. 2,392,550; Jan. 8.
Accounting machine. K. R. Schneider. 2,394,637; Feb. 12.
Accounting machine. T. J. Watson. 2,407,196; Sept. 3.
Accounting machine, Record controlled. S. Brand and J. M. Cunningham. 2,405,287; Aug. 6.
Accounting mechanism. A. W. Mills, F. J. Furman, and E. J. Rabenda. 2,399,755; May 7.
Accounts, Device for distribution of. F. A. Niemann. 2,397,685; Apr. 2.
Accumulating apparatus. A. H. Dickinson. 2,402,989; July 2.
Accumulating apparatus. E. A. Rockwell. 2,404,095; July 16.
Accumulator. N. A. Christensen. 2,406,197; Aug. 20.
Accumulator. W. Freund. 2,405,349; Aug. 6.
Accumulator. W. A. Lippincott. 2,397,796; Apr. 2.
Accumulator. J. Mercier. 2,399,879; May 7.
Accumulator. J. W. Overbeke. 2,401,792; June 11.
Accumulator, Electronic. L. A. de Rosa. 2,411,714; Nov. 26.
Accumulator, Electronic. J. R. Desch and L. D. Kilheffer. 2,401,621; June 4.
Accumulator, Electronic. R. E. Mumma. 2,401,657; June 4.
Accumulator, Electronic. R. E. Mumma. 2,405,096; July 30.
Accumulator, Electronic. R. E. Mumma. 2,405,664; Aug. 13.
Accumulator, Hydraulic. W. T. Stephens. 2,401,845; June 11.
Accumulator, Sectional. J. W. Overbeke. 2,394,401; Feb. 5.
Accumulator bags, Making. J. Mercier. 2,392,173; Jan. 1.
Accumulator for weft replenishing looms, Thread. R. G. Turner. 2,396,215; Mar. 5.
Accumulator for weft replenishing looms, Waste thread. R. G. Turner. 2,395,436; Feb. 26.
Accumulator system. R. T. Burnett. 2,400,039; May 7.
Acetaldehyde and method, Stabilized. J. G. Dinwiddie. 2,413,038; Dec. 24.
Acetaldehyde, Producing. A. R. Globus. 2,402,958; Apr. 30.
Acetamides, Recovering substituted. C. W. Bradley. 2,403,576; July 9.
Acetate, Preparing starch. R. H. Treadway. 2,399,455; Apr. 30.
Acetic anhydride, Manufacture of. K. H. W. Tuerck and E. H. Brittain. 2,403,769; July 9.
Acetic anhyuride, Manufacture of. K. H. W. Tuerck and E. H. Brittain. 2,405,471; Aug. 6.
Acetic anhydride, Manufacture of. K. H. W. Tuerck and H. J. Lichtenstein. 2,405,470; Aug. 6.
Aceto-acetic esters and their homologues, Production of. K. H. W. Tuerck and H. J. Lichtenstein. 2,412,928; Dec. 17.
Acetol acetate from wood distillate, Separation of. A. A. Reiter and F. L. Beman. 2,401,274; May 28.
Acetyl cyamide, Production of. G. C. Ray. 2,396,201; Mar. 5.
Acetylation of hydroxy nitriles. O. C. Slotterbeck. 2,396,292; Mar. 12.
Acetylene by means of arsenic trichloride, Purification of. R. B. Wearn and G. N. Jarman. 2,407,332; Sept. 10.
Acetylene from gases, Removal of. C. E. Welling. 2,401,444; June 4.
Acetylene generator. W. D. Burch. 2,409,833; Oct. 22.
Acetylene process. W. H. Bahlke and M. T. Carpenter. 2,405,395; Aug. 6.
Acetylene solutions. W. H. Hamill and R. R. Vogt. 2,405,693; Aug. 13.
Acetylene, System for producing. P. Peff. 2,399,058; Apr. 23.
Acetylenes from diolefins, Elimination of. S. H. Hastings and B. B. Turner. 2,401,758; June 11.
Acid, Addition products of thiolacetic. C. M. Langkammerer. 2,402,560; June 25.
Acid, Aliphatic esters of phenylphosphonic. A. D. F. Toy. 2,400,577; May 21.
Acid and its compositions, Making fluoboric. W. E. White. 2,403,148; July 2.
Acid and making it, Tetraacetyl ribonic. M. Tishler. 2,409,455; Oct. 15.
Acid, and other lower fatty acids, Dehydration of acetic. D. F. Othmer. 2,395,010; Feb. 19.
Acid and producing it, Anhydrous monofluorophosphoric. W. Lange and R. Livingston. 2,408,784; Oct. 8.
Acid and rosin acids sodium salts and sterols from mixtures thereof, Separation of fatty. J. J. Lovas and P. F. Bruins. 2,395,282; Feb. 19.
Acid by azeotropic distillation, Dehydration of acetic. H. M. Guinot. 2,412,215; Dec. 10.
Acid by distillation, Dehydration of hydrohalogen. J. C. Word, Jr., and J. J. Sims. 2,413,205; Dec. 24.
Acid catalysts, Circulation and contacting of. J. C. Bolinger and P. W. Prutzman. 2,412,863; Dec. 17.

Acid, Chlorination of saturated hydrocarbons and recovering hydrochloric. L. Glenn, Jr., R. Heitz, and G. Henderson. 2,402,978; July 2.
Acid combinations of posterior pituitary extracts, Tannic. E. G. Jones and O. Kamm. 2,399,742; May 7.
Acid compositions, Barbituric. M. T. Bush. 2,408,289; Sept. 24.
Acid compositions, Silicic. R. K. Iler and J. S. Kirk. 2,408,655; Oct. 1.
Acid compounds and the like, Hydroxylation of unsaturated carboxylic. N. A. Milas. 2,402,566; June 25.
Acid concentration, Nitric. R. S. Bell and R. Davenport. 2,403,902; July 16.
Acid, Concentration of nitric. F. S. Chambers, Jr., and R. N. Gartside. 2,403,050; July 2.
Acid-containing stock, Treating fatty. R. H. Potts. Re. 22,775; July 30.
Acid-curing synthetic resin combined with olefin-sulfur dioxide polymer. L. Smidth. 2,410,395; Oct. 29.
Acid derivatives disubstituted in the γ position and preparing the same, Pimelic. G. Wiest and H. Glaser. 2,396,626; Mar. 12.
Acid, Derivatives of propionic. A. M. Clifford and J. G. Lichty. 2,392,974; Jan. 15.
Acid disazo dyestuffs and their manufacture. A. Krebser. 2,405,835; Aug. 13.
Acid, Esterification of salicylic. R. L. May. 2,397,498; Apr. 2.
Acid esters of endoethylene-hydroxy-cyclopentanolndane, Thiocyano aliphatic. H. A. Bruson. 2,394,583; Feb. 12.
Acid esters of hydroxydihydronordicyclopentadiene, Thiocyano aliphatic carboxylic. H. A. Bruson. 2,394,584; Feb. 12.
Acid esters, Production of thickened products from fatty. P. Stamberger. 2,403,408; July 2.
Acid esters, Silicic. F. Strain, A. G. Chenicek, and I. E. Muskat. 2,394,642; Feb. 12.
Acid fading inhibition. C. M. Croft and T. S. Waller. 2,409,257; Oct. 15.
Acid fading on cellulose acetate with melamine resin, Inhibition of. H. C. Olpin and S. A. Gibson. 2,403,019; July 2.
Acid liquors, Recovery of waste sulphuric. J. M. O'Shaughnessy. 2,394,470; Feb. 5.
Acid manufacture, Crotonic. D. J. Kennedy. 2,413,235; Dec. 24.
Acid, Manufacture of fumaric. L. Winstrom. 2,393,352; Jan. 22.
Acid, Manufacture of sulphamic. E. J. Tauch. 2,408,823; Oct. 8.
Acid, Preparation of nicotinic. R. T. Dean and V. L. King. 2,409,345; Oct. 15.
Acid, Preparation of trifluoro acetic. A. F. Benning and J. D. Park. 2,396,076; Mar. 5.
Acid processes, Nicotinic. S. W. Fox. 2,413,615; Dec. 31.
Acid, Producing nicotine. A. Zimmerli. 2,394,650; Feb. 12.
Acid, Producing trichloropropionic. J. G. Lichty. 2,400,463; May 14.
Acid, Production of anhydrous monofluophosphoric. W. Lange. 2,408,785; Oct. 8.
Acid, Production of citric. S. A. Waksman and E. O. Karow. 2,394,031; Feb. 5.
Acid, Production of hydrocyanic. H. D. Green and P. R. Hendrixson. 2,409,429; Oct. 15.
Acid, Production of quinolinic. J. van de Kamp and M. Sletzinger. 2,392,437; Jan. 8.
Acid reagents, Making. F. C. Fahnestock and W. A. Hagerbaumer. 2,407,822; Sept. 17.
Acid-refining residue, Production of resin from. W. A. King, J. Kleiner, and J. R. Clark. 2,393,913; Jan. 29.
Acid-releasing means for deferred action type batteries. H. C. Riggs and W. W. Smith. 2,404,144; July 16.
Acid salts of a guanidine as mothproofers, Resinous dibasic carboxylic. V. Migrdichian. 2,409,883; Oct. 22.
Acid sludge, Treating. E. T. Ross and C. B. Wilde. 2,395,503; Feb. 26.
Acid sludge, Utilizing. J. H. Wells and P. J. Wilson, Jr. 2,404,608; July 23.
Acid sodium pyrophosphate and making it, Stabilized. E. N. Hetzel and G. E. Taylor. 2,408,258; Sept. 24.
Acid sols, Producing silicic. J. S. Kirk. 2,408,656; Oct. 1.
Acid sols, Silicic. J. S. Kirk. 2,408,654; Oct. 1.
Acid, Substituted 4-amino benzoic. O. Wyss, B. J. Ludwig, and M. Rubin. 2,393,673; Jan. 29.
Acid sulphonates, esters, and salts thereof, Alpha furyl carboxylic. J. T. Thurston. 2,402,511; June 18.
Acid, Thiolactic. E. K. Ellingboe. 2,412,036; Dec. 3.
Acid treating a viscous hydrocarbon oil. B. G. Jones and L. H. Sharp. 2,400,298; May 14.
Acid, Treating spent. J. C. Yvverberg, Jr. 2,404,260; July 16.
Acid, Unsaturated derivatives of carbamic. A. G. Chenicek. 2,394,592; Feb. 12.
Acid, Unsaturated derivatives of carbamic. I. E. Muskat and F. Strain. 2,395,750; Feb. 26.
Acids and esters thereof, Preparation of. D. J. Loder. 2,405,967; Aug. 20.
Acids and preparation of same, Polymerized esters of carboxylic. H. J. Richter and H. S. Rothrock. 2,410,305; Oct. 29.
Acids and rosin acids, Separation of the components of a mixture of fatty. J. J. Lovas and J. F. Loughlin. 2,412,818; Dec. 17.
Acids and their derivatives, Decolorization of acrylic and α-alkylacrylic. W. P. Utermohlen, Jr. 2,394,572; Feb. 12.
Acids, bodies which impart to water white hydrocarbon liquids, Removing from high-boiling tar. H. A. Alves and B. L. MacKusick. 2,394,652; Feb. 12.
Acids, Bromination of aromatic. C. A. Spencer. 2,394,268; Feb. 5.
Acids, Endoalkylene hydroaromatic. H. G. Goodman, Jr. 2,399,344; Apr. 30.
Acids, Esterifying acyloxy carboxylic. E. M. Filachione. 2,402,129; June 18.
Acids, Esters of hydroxy benzoic. E. C. Britton and E. Monroe. 2,392,361; Jan. 8.
Acids, Esters of paraffin phosphonic. G. M. Kosolapoff. 2,397,422; Mar. 26.
Acids fraction, Treatment of crude tar. V. Molinari. 2,393,700; Jan. 29.
Acids fractions, Treatment of petroleum tar. V. Molinari. 2,393,699; Jan. 29.
Acids from cracked naphtha, Removal of organic. E. Q. Camp and D. C. Walsh. 2,394,662; Feb. 12.
Acids, Hydroxamic. G. F. Rouault and H. D. Rhodes. 2,397,508; Apr. 2.
Acids, Hydroxycholanic. W. M. Hoehn and A. W. Schneider. 2,398,709; Apr. 16.
Acids, Manufacture of amino. J. A. Gamma. 2,405,574; Aug. 13.
Acids, Manufacture of halo alkoxy derivatives of fatty. D. Price and R. Griffith. 2,392,100; Jan. 1.
Acids, Manufacture of halogenated organic. H. P Staudinger and K. H. W. Tuerck. 2,398,867; Apr. 23.
Acids, Manufacturing acyloxy carboxylic. E. M. Filachione and C. H. Fisher. 2,399,595; Apr. 30.
Acids, Manufacturing pyridinecarboxylic. F. E. Cislak and W. R. Wheeler. 2,396,457; Mar. 12.
Acids, Organic. S. Natelson, B. Kramer, and R. Tekel. 2,400,433; May 14.
Acids, Polymeric hydroxamic. D. D. Coffman. 2,402,604; June 25.
Acids, Preparing and purifying dicarboxylic. L. L. Lovell and E. J. Jahn. 2,402,825; June 25.
Acids, Production of alpha-halogenated keto. D. Price and F. J. Sprules. 2,396,069; Mar. 19.
Acids, Production of di-esters of hydroxy carboxylic. E. M. Filachione and C. H. Fisher. 2,402,130; June 18.
Acids, Purification of dicarboxylic. N. B. Wilson. 2,398,485; Apr. 16.
Acids, Synthesis of amino. H. R. Snyder. 2,397,628; Apr. 2.
Acidyl derivatives of substituted biurets. A. J. Hill and W. M. Degnan. 2,401,244; May 28.
Acidyl 4-thiobiurets and making them. A. J. Hill and W. M. Degnan. 2,398,003; Apr. 9.
Acylaceto guanazols. A. Bavley. 2,406,654; Aug. 27.
Acoustic device. L. G. Bostwick. 2,404,784; July 30.
Acoustic logging. J. E. Walstrom. 2,396,325; Mar. 19.
Acoustic mine-sweeping device. H. B. Freeman and B. A. Wiener. 2,395,862; Mar. 5.
Acoustical apparatus. P. T. Russell. 2,396,722; Mar. 19.
Acrolein, Manufacture of. W. F. Gresham and R. E. Brooks. 2,402,133; June 18.
Acrylate resins, Method of and apparatus for depolymerizing. C. L. Shapiro. 2,412,296; Dec. 10.
Acrylic ester polymers, Treatment of. S. T. Semegen. 2,411,899; Dec. 3.
Acrylic ester polymers, Treatment of. S. T. Semegen. 2,412,475–6; Dec. 10.
Acrylic esters of glycol mono-ethers. C. E. Rehberg and C. H. Fisher. 2,396,434; Mar. 12.
Acrylonitrile polymer solutions. R. C. Houtz. 2,404,719; July 23.
Acrylonitrile, Preparation of. R. V. Heuser. 2,409,124; Oct. 8.
Action for grand pianos, Escapement. R. Schulze. 2,411,005; Nov. 12.
Activating compositions. F. V. Nugent. 2,402,975; July 2.
Activation, Electrode. C. G. Found. 2,413,442; Dec. 31.
Actuating and control system, Breech. H. F. Vickers. 2,410,116; Oct. 29.
Actuating and indicating mechanism, Selective. E. C. Albrecht and G. Cerny. 2,413,131; Dec. 24.
Actuating means. E. E. Harper. 2,404,288; July 16.
Actuating mechanism, Fluid pressure. H. J. Schneider and L. G. Simpson. 2,392,772; Jan. 8.
Actuating mechanism for internal-combustion engines, Valve. G. E. Howard. 2,410,660; Nov. 5.
Actuating mechanism, Hydraulic. C. B. Livers. 2,401,258; May 28.
Actuating mechanism, Index. H. G. Musgrave and N. G. Olson. 2,406,098; Aug. 20.
Actuation, Valve. G. F. Halliday. 2,401,480; June 4.
Actuator. T. N. Hannant. 2,407,269; Sept. 10.
Actuator. C. J. Werner. 2,405,338; Aug. 6.
Actuator, Landing gear. R. M. Nardone. 2,408,992; Oct. 8.
Actuator, Linear. W. P. Lear. 2,403,092; July 2.
Actuator, Power operated. J. E. Chapman. 2,407,537; Sept. 10.

Actuator, Remote control. L. Hegy. 2,392,320; Jan. 8.
Actuator, Trailer hitch and automatic brake. M. J. Laudahl. 2,401,084; May 28.
Actuator unit for retractable landing gears. R. M. Nardone. 2,408,993; Oct. 8.
Acyclic terpene oxidation product and production. A. L. Rummelsburg. 2,392,413; Jan. 8.
Acyl biurets, Preparation of. P. Adams. 2,401,599; June 4.
Acyl derivatives of vitamin B_6. J. C. Keresztesy and J. R. Stevens. 2,412,272; Dec. 10.
Acyl dicyandiamides and salts thereof. D. W. Kaiser and J. T. Thurston. 2,407,161; Sept. 3.
Acyl guanidines, Preparing. J. K. Simons and W. I. Weaver. 2,408,694; Oct. 1.
Acyl-guanylureas and their preparation. D. W. Kaiser and J. T. Thurston. 2,397,667; Apr. 2.
Acylated amino hydroxy compounds by the action of acid anhydrides on 2-oxazolines, Production of. P. F. Tryon. 2,410,818; Oct. 29.
Adaptor. W. C. Hasselhorn. 2,393,105; Jan. 15.
Adapter for broken drills. K. R. Bozarth. 2,399,425; Apr. 30.
Adapter for conventional flashlights, Testing device. C. Roskilly. 2,413,521; Dec. 31.
Adapter for grinding form tools. E. W. Nord and C. J. F. Holzhauer. 2,395,139; Feb. 19.
Adapter for grinding wheels. C. D. Paul. 2,398,664; Apr. 16.
Adapter, Lathe. H. C. Graebe. 2,403,175; July 2.
Adapter unit for electric wiring systems. J. F. O'Brien. 2,408,443; Oct. 1.
Adapter with swivel joint. R. F. Bannow. 2,404,561; July 23.
Adding machine. O. R. Hartom. 2,402,549; June 25.
Adding machine. K. B. W. Kiel. 2,397,745; Apr. 2.
Additive for lubricants. J. D. Bartleson and F. Veatch. 2,403,474; July 9.
Additives for lubricants. J. D. Bartleson. 2,403,894; July 9.
Addressing machine. A. W. Mills, F. J. Furman, and E. J. Rabenda. 2,412,527; Dec. 10.
Adhesive. P. Stamberger. 2,407,038; Sept. 3.
Adhesive activation. F. V. Nugent. 2,405,602; Aug. 13.
Adhesive and adhesive sheet. R. G. Drew. 2,410,053; Oct. 29.
Adhesive and adhesive-tape, Pressure-sensitive. H. C. Brinker and G. B. Gehrenbeck. 2,392,639; Jan. 8.
Adhesive applicator for wrapping machines. C. A. Gerlach. 2,396,417; Mar. 12.
Adhesive applying apparatus. W. T. Bailey. 2,402,272; June 18.
Adhesive, Asphalt. L. Davis and A. J. Gauthier. 2,409,258; Oct. 15.
Adhesive composition. S. L. Sprague. 2,400,612; May 21.
Adhesive composition and making the same. M. E. Gross. 2,394,375; Feb. 5.
Adhesive composition derived from hydrolized ethylene vinyl acetate interpolymers. W. H. Sharkey, H. M. Cadot, and W. B. Clark. 2,405,983; Aug. 20.
Adhesive compositions. C. W. Johnson. 2,410,414; Nov. 5.
Adhesive compositions. O. H. Smith. 2,397,627; Apr. 2.
Adhesive handling device. H. G. Allen and E. R. Kenison. 2,394,420; Feb. 5.
Adhesive, Preparation of pressure-sensitive. P. L. Gordon. 2,394,440; Feb. 5.
Adhesive, Pressure-sensitive. W. Kellgren. 2,410,079; Oct. 29.
Adhesive, Pressure sensitive. R. J. Priepke, J. H. Emigh, and C. O. Pike. 2,405,926; Aug. 13.
Adhesive sealing and reinforcing tape, Meltable. L. Davis and E. C. Tuukkanen. 2,398,735; Apr. 16.
Adhesive tape. D. J. Buckley. 2,397,774; Apr. 2.
Adhesive tape dispenser. M. E. Lessin. 2,409,217; Oct. 17.
Adhesive tape dispenser. E. Singer. 2,401,841; June 11.
Adhesives. L. Bradshaw, F. J. Morrow, and C. F. MacLagan. 2,399,980; May 7.
Adhesives. C. F. Brown. 2,392,574; Jan. 8.
Adhesives and producing same. T. Daur and W. Daniel. 2,407,143; Sept. 3.
Adhesives comprising an olefin polysulphide rubber. T. R. Ten Broeck. 2,400,474; May 14.
Adhesives from vegetable proteinous material. G. Davidson. 2,394,043; Feb. 5.
Adjunct for tobacco. C. F. Woodward, A. Eisner, and P. G. Haines. 2,392,514; Jan. 8.
Adjustable back seat. L. F. Scott. 2,411,063; Nov. 12.
Adjustable bedclothes support. J. A. Voss. 2,398,731; Apr. 16.
Adjustable chair seat. T. Elleman and R. W. Johnson. 2,409,114; Oct. 8.
Adjustable clamp. B. F. Randrup. 2,398,962; Apr. 23.
Adjustable clamp. C. E. Thomas. 2,402,215; June 18.
Adjustable clothesline fastener. T. Russell. 2,412,097; Dec. 3.
Adjustable connection, Infinitely rotatably. E. C. Schesser. 2,400,656; May 21.
Adjustable drafting stand. H. L. De Lisle. 2,404,949; July 30.
Adjustable drill mounting. A. Feucht. 2,409,843; Oct. 22.
Adjustable flashlight holder. E. L. Dial. 2,402,877; June 25.
Adjustable harness clip. C. Lund. 2,409,772; Oct. 22.
Adjustable hone. J. J. Palotsee. 2,412,419; Dec. 10.
Adjustable liquid sealed pump. E. W. Clements. 2,398,520; Apr. 16.
Adjustable propeller shaft bearings. H. Oxsen. 2,404,921; July 30.
Adjustable seat. H. A. Flogaus. 2,393,242; Jan. 22.
Adjustable shore. A. H. Symons. 2,418,342; Dec. 31.
Adjustable support. P. F. De Laurentis and F. Kerber. 2,398,413; Apr. 16.
Adjustable wagon handle. J. R. McCray. 2,394,248; Feb. 5.
Adjuster, Airbrake slack. A. McEwen. 2,401,091; May 28.
Adjuster for brakes, Slack. A. A. Michael. 2,402,828; June 25.
Adjuster for wringers, Roll pressure. F. A. Conterman. 2,405,641; Aug. 13.
Adjuster, Slack. N. Flesch. 2,403,512; July 9.
Adjuster, Slack. J. and J. F. McMullen and C. N. Swartwood. 2,393,117; Jan. 15.
Adjusting and positioning mechanism, Prism. J. Mihalyi. 2,401,703; June 4.
Adjusting device, Escapement. E. A. Derungs and O. Chatelain. 2,408,612; Oct. 1.
Adjusting device for lapping tools. A. M. Drake. 2,412,721; Dec. 17.
Adjusting device, Spindle. J. A. Kennedy. 2,405,889; Aug. 13.
Adjusting mechanism. C. S. Wolowicz and J. J. Terpay. 2,404,116; July 16.
Adjusting mechanism, Clutch. H. G. Rollin. 2,408,884; Oct. 8.
Adjusting mechanism, Power. C. W. Mott. 2,409,510; Oct. 15.
Adjusting mechanism, Stitch length. C. W. Johnson. 2,407,986; Sept. 24.
Adjusting screw. D. L. Rankin. 2,394,104; Feb. 5.
Adjustment and testing of crystal rectifiers. E. O. Keizer. 2,408,858; Oct. 8.
Adjustment device. J. A. Herbst. 2,404,377; July 23.
Adjustment of resonant cavities, Frequency. D. H. Ring. 2,406,402; Aug. 27.
Adjustment system. M. W. Gaiser. 2,405,419; Aug. 6.
Adsorbent, Bonded. S. W. Briggs. 2,407,247; Sept. 10.
Adsorptive material, Revivifying. M. H. Arveson. 2,409,234; Oct. 15.
Aerator. A. F. Flournoy. 2,408,306; Sept. 24.
Aerial and land vehicles. G. C. Thompson. 2,402,468; June 18.
Aerial camera mount. J. A. Wills and E. P. Wheaton. 2,393,851; Jan. 29.
Aerial cargo landing container. Z. T. Walter. 2,408,246; Sept. 24.
Aerial flare. J. F. Cavanagh. 2,394,896; Feb. 12.
Aerial flare. J. F. Cavanagh. 2,394,897; Feb. 12.
Aerial mine. R. W. Britton. 2,412,387; Dec. 10.
Aerial mounting. D. W. Mitchell. 2,397,151; Mar. 26.
Aerial pickup device. R. O. Anderson and W. E. Walsh. 2,393,948; Feb. 5.
Aerial pickup device. M. E. Landry. 2,410,451; Nov. 5.
Aerial projectile. L. Holmes, Jr. 2,412,151; Dec. 3.
Aerial propulsion apparatus. R. H. Goddard. 2,395,404; Feb. 26.
Aero car and propeller construction therefor. N. H. Hassel. 2,396,419; Mar. 12.
Aerodynamic brake. R. G. Campbell. 2,400,388; May 14.
Agent, Extinguishing. W. R. Orman. 2,393,477; Jan. 22.
Agents for protecting against the light of short wave length. S. Isermann and E. Ohlsson. 2,395,665; Feb. 26.
Agents for the recovery of magnesium ions from brine, Process and. M. J. Hunter and W. C. Bauman. 2,409,861; Oct. 22.
Agglutinogen derived from whooping cough organisms. E. W. Flosdorf. 2,405,740; Aug. 13.
Aggregate with asphalt emulsions, Coating. P. E. McCoy. 2,412,526; Dec. 10.
Aggregate with bituminous emulsions, Coating. V. E. Watts. 2,412,545; Dec. 10.
Agitating. A. C. Daman and L. H. Logue. 2,393,976; Feb. 5.
Agitation and aeration apparatus. A. C. Daman. 2,410,429; Nov. 5.
Agitator for liquid cooling systems. J. H. Horan. 2,410,162; Oct. 29.
Agricultural implement. F. L. Dewey. 2,407,064; Sept. 3.
Agricultural implement. J. Morkoski. 2,407,094; Sept. 3.
Agricultural implement. J. Morkoski. 2,407,173; Sept. 3.
Agricultural machine. K. L. Magee. 2,408,939; Oct. 8.
Agricultural machine. L. A. Marihart. 2,400,562; May 21.
Aileron. W. D. van Zelm. 2,403,770; July 9.
Air admission to gas generator. J. S. Haug. 2,397,138; Mar. 26.
Air brake. T. H. Affleck. 2,411,406; Nov. 19.
Air brake. W. A. Baldwin. 2,405,632; Aug. 13.
Air brake. L. I. Pickert. 2,392,185; Jan. 1.
Air brake. H. N. Sudduth. 2,408,129; Sept. 24.

Air brush device. J. A. Paasche. 2,401,504; June 4.
Air chuck. E. A. F. Redmer. 2,392,999; Jan. 15.
Air circulator for ovens. W. W. Spooner. 2,412,103; Dec. 3.
Air cleaner. V. R. Abrams. 2,393,303; Jan. 22.
Air cleaner. J. B. Sebok. 2,393,660; Jan. 29.
Air cleaner. J. B. Sebok. 2,401,322; June 4.
Air cleaner. J. B. Sebok. 2,412,753; Dec. 17.
Air cleaner. C. G. Troxler. 2,406,931; Sept. 3.
Air conditioner. J. A. Paasche. 2,393,119; Jan. 15.
Air conditioner for aircraft cabins. W. F. Mayer. 2,398,655; Apr. 16.
Air conditioning. T. W. Binder. 2,405,812; Aug. 13.
Air conditioning apparatus. C. S. Cody. 2,408,973; Oct. 8.
Air conditioning apparatus. A. H. Eberhart. 2,408,972; Oct. 8.
Air-conditioning control. E. R. Snavely. 2,407,036; Sept. 3.
Air conditioning system, Ice. J. M. Hall. 2,408,635; Oct. 1.
Air conditioning systems, Controlling device for. A. C. Booth. 2,401,042; May 28.
Air conditioning unit for warm air furnaces. J. E. Long. 2,392,601; Jan. 8.
Air conduit. W. D. Callan. 2,396,826; Mar. 19.
Air control instrument. A. E. Krogh. 2,409,871; Oct. 22.
Air control system, Furnace. R. R. Fayles. 2,394,297; Feb. 5.
Air-cooled gas burner. W. M. Shaw. 2,407,349; Sept. 10.
Air cooled rotary valve. C. W. Hall. 2,412,260; Dec. 10.
Air-cooling apparatus. E. J. Dillman. 2,396,559; Mar. 12.
Aircraft. H. Bonbright. 2,397,526; Apr. 2.
Aircraft. H. K. Growald. 2,403,595; July 9.
Aircraft. E. A. Loback. 2,403,936; July 16.
Aircraft. J. K. Northrop and W. R. Sears. 2,412,647; Dec. 17.
Aircraft. C. D. Perrine, Jr. 2,394,259; Feb. 5.
Aircraft. E. A. Stalker. 2,392,419; Jan. 8.
Aircraft. E. A. Stalker. 2,395,513; Feb. 26.
Aircraft. E. A. Stalker. 2,397,215; Mar. 26.
Aircraft. E. A. Stalker. 2,403,133; July 2.
Aircraft. E. A. Stalker. 2,406,921; Sept. 3.
Aircraft. E. A. Stalker. 2,406,924; Sept. 3.
Aircraft. W. Steizer. 2,404,544; July 23.
Aircraft. R. J. Woods. 2,400,799; May 21.
Aircraft armament. D. T. Brown, P. S. Yujuico and H. T. Moore. 2,396,314; Mar. 12.
Aircraft attitude indicator. F. D. Braddon. 2,412,961; Dec. 24.
Aircraft breathing regulator. G. M. Deming. 2,403,508; July 9.
Aircraft cabin and compartment for high altitude operation. W. A. Custer. 2,395,852; Mar. 5.
Aircraft, Cargo. E. W. Schlieben. 2,404,195; July 16.
Aircraft conduit supporting clip. H. R. Ellinwood. 2,396,837; Mar. 19.
Aircraft construction. E. W. Conlon. 2,392,835; Jan. 15.
Aircraft control. F. E. Seifert. 2,398,601; Apr. 16.
Aircraft control apparatus. R. T. Hurley. 2,410,502; Nov. 5.
Aircraft, Control of. E. A. Stalker. 2,406,919; Sept. 3.
Aircraft control surface. H. L. Pitt. 2,411,107; Nov. 12.
Aircraft control surface structure and assembly of same. M. Watter. 2,403,568; July 9.
Aircraft control surfaces, Actuating. G. H. Miles. 2,400,017; May 7.
Aircraft enfettering and mooring device. G. W. Replogle. 2,391,921; Jan. 1.
Aircraft fire extinguishing system. C. H. Lindsay and A. E. Weaver. 2,399,553; Apr. 30.
Aircraft float. W. N. Millar. 2,396,189; Mar. 5.
Aircraft, Flying wing. D. B. Bauman. 2,402,358; June 18.
Aircraft gun-sighting arrangement. J. F. Haberlin. 2,394,305; Feb. 5.
Aircraft having boundary layer controlled wings. E. A. Stalker. 2,406,923; Sept. 3.
Aircraft having moving airfoil or wing. A. R. Jackson. 2,408,649; Oct. 1.
Aircraft heating apparatus. H. J. De N. McCollum. 2,395,417; Feb. 26.
Aircraft heating system. S. E. Heymann. 2,400,509; May 21.
Aircraft heating system. H. J. De N. McCollum. 2,395,416; Feb. 26.
Aircraft interior. E. F. Burton and J. A. Graves. 2,396,039; Mar. 5.
Aircraft landing gear. R. A. Felburg. 2,399,218; Apr. 23.
Aircraft landing gear. R. P. Murdoch. 2,408,870; Oct. 8.
Aircraft landing gear. I. L. Stephan. 2,394,496; Feb. 5.
Aircraft landing signal device. H. J. Dornak. 2,412,035; Dec. 3.
Aircraft landing wheel. J. Kerezi and L. C. Maysilles. 2,412,406; Dec. 10.
Aircraft launching means. A. V. Janiewski. 2,409,763; Oct. 22.
Aircraft load handling system. T. P. Hall. 2,412,729; Dec. 17.
Aircraft, Locating lost. E. B. Marple. 2,396,960; Mar. 19.
Aircraft, Method of and instrument for guiding. W. M. Hall. 2,400,232; May 14.
Aircraft pickup and towing apparatus. A. G. Dean. 2,395,172; Feb. 19.
Aircraft power plant. F. W. Godsey, Jr. 2,404,954; July 30.
Aircraft propeller. P. Landrum. 2,409,438; Oct. 15.
Aircraft propeller. P. Martinotti. 2,394,460; Feb. 5.
Aircraft propellers, Anti-icing means for. C. A. Poëkel. 2,402,770; June 25.
Aircraft propulsion. M. L. Donnellan. 2,409,551; Oct. 15.
Aircraft propulsion system and power unit. F. Whittle. 2,404,334; July 16.
Aircraft, Rotary wing. R. Cox, Jr. 2,394,846; Feb. 12.
Aircraft, Rotary wing. E. A. Stalker. 2,408,489; Oct. 1.
Aircraft, Rotary wing. P. H. Stanley. 2,405,244; Aug. 6.
Aircraft, Rotative winged. H. F. Pitcairn. 2,402,294; June 18.
Aircraft, Rotative-winged. H. H. Platt. 2,397,154; Mar. 26.
Aircraft, Rotative-winged. H. H. Platt. 2,410,459; Nov. 5.
Aircraft rotor wing construction. J. S. Pecker. 2,410,609; Nov. 5.
Aircraft siren system. W. P. Lear. 2,392,394; Jan. 8.
Aircraft structure. R. C. Bergh. 2,399,719; May 7.
Aircraft structure. J. E. Glover, Jr. 2,399,732; May 7.
Aircraft structure. M. Watter. 2,392,788; Jan. 8.
Aircraft structure. M. Watter. 2,395,205; Feb. 19.
Aircraft structure. M. Watter. 2,396,625; Mar. 12.
Aircraft supercharger. D. R. Shoults. 2,393,713; Jan. 29.
Aircraft supercharger arrangement. M. A. Edwards. 2,405,413; Aug. 6.
Aircraft, Tailless. J. K. Northrop and W. R. Sears. 2,412,646; Dec. 17.
Aircraft, Towing system for. J. V. B. Duer. 2,400,400; May 14.
Aircraft transport plane. G. W. Peck. 2,412,285; Dec. 10.
Aircraft with power-driven rotor. H. F. Pitcairn. 2,407,327; Sept. 10.
Air distribution in mechanical draft towers. J. G. De Flon. 2,394,755; Feb. 12.
Air distribution outlet. W. W. Kennedy. 2,392,393; Jan. 8.
Air duct control for heating systems. R. L. Leigh. 2,397,672; Apr. 2.
Air entrainment, Method and apparatus for measuring. B. R. Walsh and G. S. Peterson. 2,406,179; Aug. 20.
Air expansion power system. F. Nettel and J. Kreitner. 2,394,253; Feb. 5.
Airfield, Aerial. J. D. Brown. 2,399,461; Apr. 30.
Air filter. H. E. Belsher. 2,408,158; Sept. 24.
Air filter. C. G. Lamb. 2,408,659; Oct. 1.
Airfoil. T. C. Ludington and R. W. Griswold. 2,408,788; Oct. 8.
Airfoil, especially for sustaining rotors, Molded. A. E. Larsen. 2,400,649; May 21.
Airfoil mounting and actuating mechanism. F. E. Flader. 2,404,045; July 16.
Airfoils, Control. E. S. Kleinhans and G. P. Peed, Jr. 2,395,671; Feb. 26.
Air furnishing device, Auxiliary. P. C. Nilles and J. A. Steffen. 2,410,125; Oct. 29.
Air heating furnace. A. A. Olson. 2,399,690; May 7.
Air in elevator cars, Purifying. I. R. Disbro and J. S. Coulton. 2,398,627; Apr. 16.
Air intake for internal-combustion engines. J. Cutts. 2,396,317; Mar. 12.
Air intake for motors. J. J. Palotsee. 2,396,601; Mar. 12.
Air jacket and tuning mechanism for resonators, Combined. I. E. Mouromtseff and G. M. Dinnick. 2,394,396; Feb. 5.
Air line connector. W. Fenton. 2,402,616; June 25.
Air motor. W. F. Ellison. 2,398,178; Apr. 9.
Air operated clutch. G. R. Treinolada. 2,407,043; Sept. 3.
Air or watertight device for timepieces. L. Bolle. 2,399,092; Apr. 23.
Airplane. E. E. Bissett. 2,402,311; June 18.
Airplane. G. W. Cornelius. 2,406,588; Aug. 27.
Airplane. O. C. Koppen. 2,410,856; Nov. 12.
Airplane. D. W. Main. 2,397,189; Mar. 26.
Airplane. D. W. Main. 2,413,460; Dec. 31.
Airplane. T. W. Oglesby. 2,406,625; Aug. 27.
Airplane. C. Roe. 2,410,239; Oct. 29.
Airplane. J. Stuart, III. 2,397,632; Apr. 2.
Airplane. E. E. Wallace. 2,392,439; Jan. 8.
Airplane. R. J. Woods. 2,396,628; Mar. 12.
Airplane, All-wing. J. K. Northrop. 2,406,506; Aug. 27.
Airplane, Bomber. J. Hojnowski. 2,395,547; Feb. 26.
Airplane cabin heating system. A. F. Hoesel. 2,412,334; Dec. 10.
Airplane construction. H. D. Fowler. 2,407,774; Sept. 17.
Airplane construction. M. Watter. 2,405,918; Aug. 13.
Airplane construction, Cross wing. W. F. Carlson. 2,403,499; July 9.
Airplane control. F. A. Wodal. 2,396,309; Mar. 12.
Airplane control, Model. W. L. Barr. 2,395,530; Feb. 26.
Airplane, Decoy. W. E. Scott. 2,395,914; Mar. 5.
Airplane deicing and engine silencing construction. F. P. Chadsey. 2,396,684; Mar. 19.

Airplane dispatching system. S. J. Mackey and H. S. Wynn. 2,391,991; Jan. 1.
Airplane hangar. E. R. Capita. 2,411,316; Nov. 19.
Airplane landing gear. J. F. Kendrick. 2,398,145; Apr. 9.
Airplane landing gear. B. F. Yaggy. 2,404,018; July 16.
Airplane lift dolly. C. P. Baum. 2,392,830; Jan. 15.
Airplane light. J. M. Roper. 2,391,922; Jan. 1.
Airplane loading and service vehicle. N. V. Kuehlman and H. C. French. 2,412,158; Dec. 3.
Airplane, Miniature self-propelled. W. R. Padgett. 2,404,922; July 30.
Airplane, Model. W. F. Rossiter. 2,396,886; Mar. 19.
Airplane power plants, Control system for. P. E. Mercier. 2,401,497; June 4.
Airplane spray unit. C. N. Husman and O. M. Longcoy. 2,394,827; Mar. 5.
Airplane tail support. R. V. Trader. 2,394,825; Feb. 12.
Airplane tire. A. A. Human. 2,409,355; Oct. 15.
Airplane tire prerotating means. C. A. Pavey. 2,411,668; Nov. 26.
Airplane, Toy. E. B. Cavanaugh. 2,401,459; June 4.
Airplane turn indicator. C. J. Crane. 2,396,687; Mar. 19.
Airplane weighing apparatus. H. O. Hein. 2,410,654; Nov. 5.
Airplane wheel attachment. A. Backstrom. 2,410,622; Nov. 5.
Airplane wheel spinner. H. D. Johnson. 2,397,319; Mar. 26.
Airplane wheel turning device. P. J. Grabash. 2,412,884; Dec. 17.
Airplane wing contour gauge. D. C. Rowe. 2,394,489; Feb. 5.
Airplane with material and article handling equipment. F. L. Hewitt. 2,402,283; June 18.
Airplanes and the like, Assembling. A. F. Anjeskey. 2,405,544; Aug. 13.
Airplanes, Control system for. E. F. Zap. 2,402,001; June 11.
Airplanes, Gross weight indicator for. J. Flatt. 2,402,618; June 25.
Airplanes, Indicator for radio controlled. J. B. Kendrick. 2,401,873; June 11.
Airplanes, Retractable control element for toy. N. E. Walker. 2,406,874; Sept. 3.
Airplanes, Roll control for. I. L. Ashkenas. 2,402,118; June 18.
Airplanes, Tail skid connection for. R. V. Trader. 2,394,826; Feb. 12.
Airport. R. B. Rogers. 2,400,841; May 21.
Airport. C. Stockstrom. 2,404,933; July 30.
Air purifying and filtering apparatus. J. F. Dauster. 2,406,076; May 14.
Air-purifying apparatus. E. Venable. 2,400,180; May 14.
Air raid warning control system. C. M. Hines. 2,396,423; Mar. 12.
Air raid warning system. C. M. Hines. 2,396,422; Mar. 12.
Airscrews or like rotating bodies, Aerodynamic balancing of. H. L. Milner. 2,400,942; May 28.
Airship. L. H. Donnell and E. L. Shaw. 2,396,494; Mar. 12.
Airship, Dirigible. N. H. Nelson. 2,406,302; Aug. 20.
Airspaced photographic support. A. Murray. 2,400,365; May 14.
Airspaced support. C. Q. Glassey. 2,400,346; May 14.
Air-speed indicator. A. R. Lee. 2,408,661; Oct. 1.
Air speed indicator. M. Watter. 2,411,484; Nov. 19.
Air-speed responsive device. K. W. Olson. 2,412,471; Dec. 10.
Air treating apparatus. C. F. J. Dupuy. 2,405,494; Aug. 6.
Air washing means. A. R. Clark, J. C. Buck, and R. V. De Vries. 2,395,960; Mar. 5.
Airway traffic control system. S. N. Wight and O. S. Field. 2,410,540; Nov. 5.
Alarm device for automobiles. P. T. Gorton. 2,407,073; Sept. 3.
Alarm device for automobiles, Burglar. F. E. Engler. 2,402,111; June 11.
Alarm, Fire. G. Rushing, Jr. 2,398,966; Apr. 23.
Alarm for vehicle tires, Low inflation. R. G. Miller 2,411,285; Nov. 19.
Alarm installations with central power supply. C. F. Ahlberg and S. A. Nilsson. 2,397,906; Apr. 9.
Alarm, Low water. F. M. Patterson. 2,411,457; Nov. 19.
Alarm signal for paper machines, Warning. H. S. Spencer. 2,410,249; Oct. 29.
Alarm system. J. N. Hoekstra. 2,404,842; July 30.
Alarm system. L. Jacobson. 2,399,229; Apr. 30.
Alarm, Tape feed. L. M. Potts. 2,410,521; Nov. 5.
Album picture holder. A. Holtzman. 2,403,530; July 9.
Alcohol and acetone by fermentation, Production of butyl. E. F. McCoy. 2,398,837; Apr. 23.
Alcohol composition, Polyvinyl. C. Dangelmajer 2,395,616; Feb. 26.
Alcohol composition, Polyvinyl. C. J. Krister, H. J. Sedusky, and G. L. Thompson. 2,413,570; Dec. 31.
Alcohol, Treating polyvinyl. J. Dahle. 2,407,061; Sept. 3.
Alcohols and preparing them, N-substituted amino monohydric secondary. M. Senkus. 2,413,247; Dec. 24.
Alcohols, Dehydration of. W. J. Hale and H. Miller. 2,400,409; May 14.
Alcohols, Distilling. O. von Keussler. 2,392,534; Jan. 8.
Alcohols, High molecular polyhydric. E. W. Eckey and J. E. Taylor. 2,413,612; Dec. 31.
Alcohols, Modified polymeric polyhydric. W. A. Hoffman and C. W. Mortenson. 2,394,776; Feb. 12.
Alcohols, Nitrating. J. E. Lufkin. 2,396,330; Mar. 12.
Alcohols, Producing ether. P. I. Bowman, R. H. Barth, and H. Burrell. 2,401,743; June 11.
Alcohols, Production of aliphatic. T. F. Doumani. 2,394,848; Feb. 12.
Alcohols, Production of resin. O. Schmidt. 2,392,952; Jan. 15.
Alcohols, Purification of monohydric. J. A. Patterson. 2,402,077; June 11.
Alcoholates, Production of. W. F. Russell. 2,405,712–13; Aug. 13.
Alcoholysis of alkamine esters of diaryl hydroxyacetic acids. A. J. Hill and R. B. Holmes. 2,394,770; Feb. 12.
Aldehydes and acetals, Preparation of. L. Schmerling and V. N. Ipatieff. 2,412,012; Dec. 3.
Aldehydes and diazine derivatives, Reaction products of. G. F. D'Alelio and J. W. Underwood. 2,392,837; Jan. 15.
Algae, Destruction of. H. M. Corley. 2,393,293; Jan. 22.
Algaecide. M. Gelfand. 2,400,863; May 21.
Algin-bitumen composition and its preparation. D. E. Clark, A. B. Steiner, and K. F. Gibsen. 2,393,022; Jan. 15.
Algin compound and preparation thereof. V. C. E. Le Gloahec. 2,400,834; May 21.
Alginate solutions, Production of. C. W. Tod. 2,405,861; Aug. 13.
Alginic acid compounds, Production of. G. E. Cunningham, N. H. Chamberlain, and J. B. Speakman. 2,403,707; July 9.
Alicyclic ketonic compounds, Catalytic conversion of. S. A. Ballard and De L. E. Winkler. 2,413,598; Dec. 31.
Aligner, Can. N. S. Sells. 2,392,509; Jan. 8.
Aligning and detent means for quick disconnect couplings. J. R. Snyder and J. F. Norton. 2,403,620; July 9.
Aligning bar. D. S. Grubbs. 2,411,621; Nov. 26.
Aligning device for tools. R. O. Nemeyer. 2,407,845; Sept. 17.
Alignment tool. W. M. Pierce. 2,404,456; July 23.
Aliphatic oxynitriles. E. L. Carpenter. 2,404,164; July 16.
Aliphatic polycarboxylic amino acids and making them. F. C. Bersworth. 2,407,645; Sept. 17.
Alkali cellulose, Method and apparatus for production of. W. R. Schmitz, Jr. 2,392,269; Jan. 1.
Alkali chlorine diaphragm, Electrolytic. K. E. Stuart. 2,409,912; Oct. 22.
Alkali halide screen, and manufacture. H. W. Leverenz. 2,409,606; Oct. 15.
Alkalihydroxides and apparatus for carrying out reactions, Manufacture of. G. E. Edwards. 2,392,235–6; Jan. 1.
Alkali metal oxides, Producing. C. B. Jackson. 2,405,580; Aug. 13.
Alkali metal sulphates, Purification of. A. Hirsch. 2,392,669; Jan. 8.
Alkali-soluble methyl cellulose, Preparing. A. T. Maasberg. 2,408,326; Sept. 24.
Alkali solution, Purifying caustic. C. A. Cummins. 2,403,789; July 9.
Alkaline-earth-metal salt of sulphadiazine, Preparation of. W. A. Lott. 2,396,711; Mar. 19.
Alkamido cellulose ethers and making same. J. B. Rust and W. H. Van Delden. 2,399,603; Apr. 30.
Alkamine derivatives of para aminomethyl benzoic acid. R. P. Parker and A. J. Hill. 2,406,627; Aug. 27.
Alkanes, Production of branched chain. E. W. M. Fawcett. 2,407,637; Sept. 17.
Alkenylation process. W. N. Axe. 2,403,963; July 16.
Alkenylcyclohexenes, Dehydrogenation of. C. W. Watson. 2,392,960; Jan. 15.
Alkenylpyrroles, Production of. C. R. Wagner. 2,393,132; Jan. 15.
Alkoxy acetals, Making. C. Bordenca and C. J. B. Thor. 2,409,015; Oct. 8.
Alkoxy propionyl compounds, Preparing. N. V. Seeger. 2,393,000; Jan. 15.
Alkyd resins, Modification of. L. Auer. 2,410,418; Nov. 5.
Alkyl aromatic compounds. L. H. Flett. 2,393,526; Jan. 22.
Alkyl bromides, Production of. W. Hirschkind. 2,404,800; July 30.
Alkyl cyclic compound, Dealkylation of. W. J. Mattox. 2,411,799; Nov. 26.
Alkyl esters and their salts, Basic. F. F. Blicke. 2,410,040; Oct. 29.
Alkyl esters of higher fatty acids, Producing. F. H. Gayer and C. E. Fawkes. 2,411,536; Nov. 26.
Alkyl ethers of vitamin D. N. A. Milas. 2,410,893; Nov. 12.
Alkyl mercaptans, Production of. J. E. Beanblossom and R. H. Kimball. 2,404,425; July 23.
Alkyl mercapto substituted amino benzoic acid alkamine amides, salts intermediates and preparing same. J. J. Donleavy. 2,410,431; Nov. 5.

Alkyl radicals to organic compounds, Addition of. W. E. Vaughan and F. F. Rust. 2,396,217; Mar. 5.
Alkyl resins, Modified. J. H. Perrine and H. L. Johnson. 2,407,766; Sept. 17.
Alkyl silicon chlorides and their preparation. J. F. Hyde. 2,413,050; Dec. 24.
Alkyls, Making lead. S. D. Heron. 2,407,551; Sept. 10.
Alkylaminoalkanethiols, Preparation of. M. W. Farlow. 2,401,234; May 28.
Alkylated aromatic compounds, Manufacture of. L. Schmerling and V. N. Ipatieff. 2,410,553; Nov. 5.
Alkylated cyclic hydrocarbons, Preparation of. C. M. Thacker and R. T. Bell. 2,409,080; Oct. 8.
Alkylation. E. L. D'Ouville and B. H. Shoemaker. 2,398,495; Apr. 16.
Alkylation. C. Ellis. 2,393,152; Jan. 15.
Alkylation. A. W. Francis and E. E. Reid. 2,397,542; Apr. 2.
Alkylation. M. H. Gorin. 2,401,925; June 11.
Alkylation. R. A. Kinnear, H. B. Chamberlain, J. F. McCanne, G. T. Falls, and J. C. Gordon. 2,394,696; Feb. 12.
Alkylation. J. R. Meadow. 2,403,013; July 2.
Alkylation. A. N. Sachanen, A. A. O'Kelly, and C. G. Myers. 2,410,168; Oct. 29.
Alkylation and olefin recovery process. W. A. Schulze. 2,395,198; Feb. 19.
Alkylation method. E. C. Britton and J. C. Vander Weele. 2,403,785; July 9.
Alkylation of benzene. F. E. Frey. 2,394,905; Feb. 12.
Alkylation of hydrocarbons. L. A. Clarke. 2,394,368; Feb. 5.
Alkylation of isobutane with propylene. A. W. Horton, J. W. Brooks, and A. A. O'Kelly. 2,410,072; Oct. 29.
Alkylation of isoparaffins with olefines. S. H. McAllister, J. Anderson, and W. E. Ross. 2,399,240; Apr. 30.
Alkylation process. A. J. Abrams and C. S. Kuhn, Jr. 2,392,962; Jan. 15.
Alkylation process. W. N. Axe. 2,404,897; July 30.
Alkylation process. H. J. Hepp. 2,410,498; Nov. 5.
Alkylation process. J. P. Jones. 2,399,353; Apr. 30.
Alkylation process. C. S. Kuhn, Jr. 2,403,930; July 16.
Alkylation process. J. R. Meadow. 2,408,329; Sept. 24.
Alkylation process. K. Opryshek and J. N. Chatfield. 2,400,367; May 14.
Alkylation process. C. R. Ringham. 2,409,389; Oct. 15.
Alkylation process. A. N. Sachanen, A. A. O'Kelly, and C. G. Myers. 2,410,107; Oct. 29.
Alkylation process. W. A. Schulze and J. P. Lyon, Jr. 2,395,199; Feb. 19.
Alkylation process. W. A. Stover. 2,407,584; Sept. 10.
Alkylation process. W. A. Stover. 2,407,585; Sept. 10.
Alkylation process and catalyst therefor. W. A. Schulze and W. N. Axe. 2,401,884; June 11.
Alkylation process and products produced thereby. L. A. Clarke. 2,403,501; July 9.
Alkylation reagent and alkylation process, Production of. P. L. Veltman and L. W. Devaney. 2,404,607; July 23.
Alkylbenzene, Production of. D. R. Carmody and H. E. Huber. 2,396,683; Mar. 19.
Alkylene-bis-ureas. W. R. Boon. 2,409,829; Oct. 22.
Alkylolamides, Purifying of. H. H. Young and D. Rubinstein. 2,412,113; Dec. 3.
All purpose utility pencil case. V. P. Amoth. 2,412,938; Dec. 24.

Alloy: *See—*

Austenitic chromium-nickel-iron alloy.	Heat-resistant alloy.
Deep-drawing magnesium-base alloy.	High temperature alloy.
	Lead alloy.
	Strong, machinable, heat-resistant alloy.

Alloy. W. E. McKibben. 2,395,285; Feb. 19.
Alloy. C. C. Misfeldt. 2,400,566; May 21.
Alloy. J. L. Rodda. 2,408,341–2; Sept. 24.
Alloy for high temperature use, Machineable. N. G. Rehnqvist. 2,409,797; Oct. 22.
Alloy for use at elevated temperatures, High strength. R. H. Thielemann. 2,398,678; Apr. 16.
Alloy steels and articles of manufacture produced therefrom, Beryllium copper. E. G. Touceda and R. P. De Vries. 2,397,222; Mar. 26.
Alloyed iron rolls, Producing. A. P. Gagnebin and E. M. Wise. 2,399,730; May 7.
Alloys. E. J. Boyle and E. A. Anderson. 2,400,283; May 14.
Alloys and method, Corrosion-resistant high-strength. P. P. Zeigler and L. E. Householder. 2,403,037; July 2.
Alloys consisting of silver, manganese, and aluminum, Making permanent magnet. G. Howe. 2,399,031; Apr. 23.
Alloys consisting of silver, manganese and aluminum, Process for making permanent magnet. G. Howe. 2,399,032; Apr. 23.
Alloys containing cobalt, Heat-resisting. G. Mohling. 2,397,034; Mar. 19.
Alloys, Copper base. J. Sykes. 2,405,531; Aug. 6.
Alloys, Electrode. E. G. Widell. 2,396,977; Mar. 19.
Alloys, Electrodeposition of tin. S. W. Baier. 2,397,522; Apr. 2.
Alloys, Hard. R. B. McCauley. 2,402,424; June 18.
Alloys, Heat resistant. H. Scott and R. B. Gordon. 2,403,128; July 2.
Alloys, Increasing the high temperature strength of heat-resisting. G. Mohling. 2,401,580; June 4.
Alloys, Inhibiting blistering in heat-treating aluminum. C. Beneke. 2,400,804; May 21.
Alloys, Producing castings of aluminum-beryllium. H. S. Cooper. 2,399,104; Apr. 23.
Alloys, Zinc base. E. S. Bunn. 2,392,641–3; Jan. 8.
Alloys, Zinc base. E. S. Bunn. 2,397,723; Apr. 2.
Alloys, Zinc base. E. S. Bunn. 2,401,135–6; May 28.
Alloys, Zinc base. E. S. Bunn. 2,403,337; July 2.
Allyl and methallyl ether esters, Preparing. G. F. D'Alelio. 2,406,590; Aug. 27.
Allyl chloride, Production of. W. Flemming and G. Stein. 2,410,647; Nov. 5.
Alpha acetylenes, Removal of. W. C. Asbury and M. W. Swaney. 2,401,896; June 11.
α-Amino acids and N-substituted-α-amino acids, Preparing. J. H. Billman. 2,394,230; Feb. 5.
α-amino-α-alkoxybutyric acids and preparing the same. Q. P. Cole and R. O. Roblin. 2,407,203; Sept. 3.
α,β-diaryl ethanes, Preparing. M. S. Kharasch. 2,392,595; Jan. 8.
Alpha-chloro, beta-hydroxynitriles, Production of. K. H. W. Tuerck, and H. J. Lichtenstein. 2,394,644; Feb. 12.
Alphahydroxy carboxylic acids, Preparation of. J. Blumenfeld. 2,405,873; Aug. 13.
Alpha - (meta-hydroxyphenyl) - beta - methylaminoethanol para-aminobenzoate. M. Sahyun and J. A. Faust. 2,418,656; Dec. 31.
Alpha-naphthoquinones, Production of. J. Hyman and C. F. Peters. 2,402,226; June 18.
Alpha-ray emission device and making the same. I. Feuer and L. Goldstein. 2,405,026; July 30.
Alpha-substituted side-chain ketones of the cyclopentanopolyhydrophenanthrene series. T. Reichstein. 2,404,768; July 23.
Alpha-substituted side-chain ketones of the cyclopentanopolyhydrophenanthrene series and making the same. T. Reichstein. 2,401,775; June 11.
Alternate current motor. R. Lee. 2,403,447; July 9.
Alternating current winch drive. K. Mahnke. 2,393,908; Feb. 5.
Altimeter. P. F. Shivers. 2,398,470; Apr. 16.
Altimeter. P. F. Shivers. 2,412,541; Dec. 10.
Altimeter. W. Springer. 2,398,055; Apr. 9.
Altimeter, Absolute. C. A. Donaldson. 2,408,414; Oct. 1.
Altitude correction computer. G. H. Purcell. 2,394,563; Feb. 12.
Altitude determination. L. de Forest. 2,410,868; Nov. 12.
Alum, Calcining. S. B. Tuwiner and W. H. Osborn. 2,402,471; June 18.
Alumina and preparations thereof, Stabilized. W. A. Bailey, Jr., and C. W. Bittner. 2,398,610; Apr. 16.
Alumina, Production of. C. K. Hitchon and J. D. Pennell, Jr. 2,405,426; Aug. 6.
Alumina, Purification of. A. H. Riesmeyer and W. H. Gitzen. 2,411,806; Nov. 26.
Aluminum alloys for heat treatment, Preparing. V. E. Peterson. 2,409,384; Oct. 15.
Aluminum articles, Treatment of oxide coated. E. V. Blackmun. 2,407,809; Sept. 17.
Aluminum base alloy containing copper and beryllium, and making the same. R. H. Harrington. 2,394,546; Feb. 12.
Aluminum chloride catalyst, Preparing. G. R. Reading. 2,398,557; Apr. 16.
Aluminum chloride conversion system. A. P. Lien and E. L. d'Ouville. 2,410,886; Nov. 12.
Aluminum chloride, Production of basic. E. H. Kastning. 2,392,153; Jan. 1.
Aluminum, Cleaning. N. Goldowski. 2,409,271; Oct. 15.
Aluminum compounds, Production of water-soluble basic. W. Huehn and W. Haufe. 2,392,531; Jan. 8.
Aluminum halide hydrocarbon conversion system. M. Sutton and C. W. Nysewander. 2,395,022; Feb. 19.
Aluminum hydrate, Purification of. V. M. Stowe. 2,405,275; Aug. 6.
Aluminum, Joining. M. A. Miller. 2,403,110; July 2.
Aluminum ore, Sulphating. R. L. Brown. 2,394,660; Feb. 12.
Aluminum, Production of. D. Gardner. 2,400,000; May 7.
Aluminum, Production of. L. C. Sturbelle. 2,408,241; Sept. 24.
Aluminum sulphate, Purification of. P. S. Roller. 2,402,668; June 25.
Aluminum treating composition. B. B. Button, Jr., and J. Janota, Jr. 2,398,078; Apr. 9.
Alunite ores and the like, Treating. R. C. Haff. 2,398,425; Apr. 16.
Amides, Halogenated. J. H. Perrine. 2,394,871; Feb. 12.
Amides of 2-aminoarylenethiazoles. E. Henzl. 2,399,026; Apr. 23.
Amidine salts, Soluble. G. Newbury and A. P. T. Easson. 2,410,796; Nov. 5.
Amine compounds, Sugar. I. Gubelmann. 2,396,097; Mar. 5.
Amine reaction mixtures, Purification of. J. F. Olin. 2,411,802; Nov. 26.
Amine resins and obtaining the same, Synthetic fusible. C. D. Kelso and C. E. Adams. 2,411,142; Nov. 19.
Amines and making same, Unsaturated. M. S. Kharasch and C. F. Fuchs. 2,409,287; Oct. 15.

Amines and purification thereof. R. G. Jones. 2,400,934; May 28.
Amines, Manufacture of. R. H. Goshorn. 2,394,515–16; Feb. 5.
Amines, Manufacturing aromatic. J. J. Owen. 2,402,440; June 18.
Amines, Preparation of aliphatic. J. B. Dickey and J. G. McNally. 2,412,209; Dec. 10.
Amines, Production of primary. L. A. Stegemeyer. 2,408,959; Oct. 8.
Amines, Stabilized aromatic. E. L. Walters. 2,411,307. Nov. 19.
Amino acid syntheses, Preparation of intermediates useful for. R. F. Tullar. 2,393,723; Jan. 29.
Amino acids from their salts, Preparation of. M. S. Kharasch and C. F. Fuchs. 2,404,503; July 23.
Amino alcohols and preparing the same. K. Miescher and A. Marxer. 2,411,664; Nov. 26.
Aminoalkanols of arylacetic acids. J. S. Pierce. 2,399,506; Apr. 30.
Amino amide compounds. S. Kaplan. 2,407,703; Sept. 17.
Aminoanthraquinone derivatives. P. Grossmann. 2,392,663; Jan. 8.
Amino-carboxylic acid esters of monoglycerides. B. R. Harris. 2,406,329; Aug. 27.
Amino esters of diaryl succinic acids. K. G. Pleger and A. J. Hill. 2,410,791; Nov. 5.
Amino ethers. C. W. MacMullen and H. A. Bruson. 2,395,336; Feb. 19.
Amino-ethers and their manufacture. H. Martin, F. Hafliger, K. Gatzi, and A. Grob. 2,397,799; Apr. 2.
Amino group into aromatic compounds, Introducing an. J. S. Turski. 2,401,525; June 4.
Amino heterocycles, Preparing dry. V. L. King. 2,392,156; Jan. 1.
Aminomethyl amidothiazoles. L. H. Bock, H. C. E. Johnson, and L. J. Armstrong. 2,409,828; Oct. 22.
Aminophthalimides. H. T. Lacey and R. E. Brouillard. 2,412,817; Dec. 17.
Aminopyrozine, Preparation of. M. L. Crossley and J. P. English. 2,394,963; Feb. 12.
Aminotriazine-formaldehyde condensation products and making same. G. Widmer. 2,398,569; Apr. 16.
Ammonium nitrate composition, Free-flowing. C. H. Cordle and R. W. Lawrence. 2,399,987; May 7.
Ammonium nitrate explosive. J. Barab. 2,398,071; Apr. 9.
Ammonium nitrate explosive, Granular. C. D. Bitting. 2,395,367; Feb. 19.
Ammonium nitrate, Production of. L. Williams, L. F. Wright, and R. Hendricks. 2,402,192; June 18.
Ammonium nitrophenates, Quaternary. L. H. Bock and A. L. Houk. 2,395,989; Mar. 5.
Ammonium thiosulfate. H. V. Farr and J. R. Ruhoff. 2,412,607; Dec. 17.
Ammunition. C. de Ganahl. 2,408,252; Sept. 24.
Ammunition. W. J. Lowes. 2,409,945; Oct. 22.
Ammunition. N. A. Meador. 2,402,068; June 11.
Ammunition. W. H. Smith. 2,399,398; Apr. 30.
Ammunition boxes, Multiple. C. G. Trimbach. 2,398,263; Apr. 9.
Ammunition feed box. E. H. Irasek. 2,401,762; June 11.
Amphibian. J. M. Halt. 2,404,489; July 23.
Amphibian. J. M. Halt. 2,404,492; July 23.
Amphibian. J. M. Halt. 2,406,288–90; Aug. 20.
Amphibian. J. M. Halt, P. S. Devirian, and D. R. Rankin. 2,404,493; July 23.
Amphibian aircraft landing gear. J. S. Pecker. 2,394,472; Feb. 5.
Amphibian landing device. H. Darby and D. Dahlin. 2,393,296; Jan. 22.
Amphibian propulsion mechanism. J. M. Halt. 2,393,368; Jan. 22.
Amphibian propulsion mechanism. J. M. Halt. 2,397,104; Mar. 26.
Amphibian steering mechanism. J. M. Halt. 2,408,928; Oct. 8.
Amphibian vehicle. E. Porter. 2,400,132; May 14.
Amphibious vehicle. C. F. Kramer and F. G. Kerby. 2,397,791; Apr. 2.
Amplifier and modifier, Electronic. R. G. Rowe. 2,406,565; Aug. 27.
Amplifier circuit. J. B. Crawley. 2,400,919; May 28.
Amplifier, Coupling. H. G. Busignies. 2,411,517; Nov. 26.
Amplifier, Direct coupled. J. R. Beckwith. 2,400,734; May 21.
Amplifier, Electron beam. A. L. Samuel. 2,405,611; Aug. 13.
Amplifier for pulses. T. T. Eaton and D. G. C. Luck. 2,401,416; June 4.
Amplifier, Mechanical torque. G. L. Borell. 2,412,386; Dec. 10.
Amplifier, Neutralized radio-frequency. W. E. Phillips. 2,404,188; July 16.
Amplifier of electromagnetic energy. M. M. Levy. 2,412,995; Dec. 24.
Amplifier, Shaped. J. R. Boykin. 2,411,362; Nov. 19.
Amplifier, Summing. K. D. Swartzel, Jr. 2,401,779; June 11.
Amplifier system, Balance. R. P. Krebs. 2,399,441; Apr. 30.
Amplifier system, Balanced. W. Soller. 2,392,415; Jan. 8.
Amplifier, Television signal. M. Cawein. 2,405,290; Aug. 6.
Amplifier, Television signal. J. D. Schantz. 2,396,023; Mar. 5.
Amplifier, Thermionic feed-back. A. H. Roche and H. G. Kidner. 2,397,625; Apr. 2.
Amplifier, Torque. W. E. Swift, Jr. Re. 22,779; Aug. 13.
Amplifier, Torque. W. R. Tucker and G. A. Waidle. 2,395,979; Mar. 5.
Amplifier, Variable gain. D. J. Miller, Jr. 2,412,279; Dec. 10.
Amplifier, Wide band. W. E. Bradley. 2,398,691; Apr. 16.
Amplifiers, Distortion reduction of modulated. H. Romander. 2,393,709; Jan. 29.
Amplifying apparatus, High frequency. R. V. L. Hartley. 2,408,423; Oct. 1.
Amplifying apparatus, Sound. A. J. Sanial. 2,411,004; Nov. 12.
Amplifying device, Voice. A. L. Patterson. 2,402,341; June 18.
Amplifying system. O. H. Schade. 2,404,099; July 16.
Amplitude-modulation and frequency-modulation receiver stage, Combined. J. W. Huff. 2,408,644; Oct. 1.
Ampoule-syringe. A. Sack. 2,404,316; July 16.
Ampoules, Novel method of sealing and testing. R. L. Wells. 2,396,728; Mar. 19.
Amusement, air ride apparatus, Novelty. J. Psaila. 2,412,060; Dec. 3.
Amusement apparatus. R. B. Franklin. 2,405,495; Aug. 6.
Amusement apparatus. H. F. Maynes. 2,395,678; Feb. 26.
Amusement apparatus. J. H. McMahon and A. W. Miller. Re. 22,706; Jan. 8.
Amusement apparatus. J. H. McMahon and A. W. Miller. Re. 22,707; Jan. 15.
Amusement apparatus. E. H. Ridener. 2,402,843; June 25.
Amusement apparatus. C. A. Solinski. 2,393,004; Jan. 15.
Amusement apparatus. W. A. Tratsch. 2,396,762; Mar. 19.
Amusement apparatus. W. A. Tratsch. 2,406,481; Aug. 27.
Amusement device. H. A. Cruver. 2,395,398; Feb. 26.
Amusement device. R. B. W. Franklin. 2,403,593; July 9.
Amusement device. E. C. Hall. 2,397,857; Apr. 2.
Amusement device. R. M. Winnick. 2,402,861; June 25.
Amusement ride. J. D'Errico. 2,399,332; Apr. 30.
Amylaceous derivatives. H. F. and J. V. Bauer and D. M. Hawley. 2,396,937; Mar. 19.
Analysis and representation of complex waves. W. Koenig, Jr. 2,403,982; July 16.
Analytical system. R. C. Lawlor. 2,400,557; May 21.
Analyzer, Business management. J. C. Hayes. 2,393,162; Jan. 15.
Analyzing motion or other phenomena, Method and apparatus for. R. Mestaw. 2,397,032; Mar. 19.
Anchor. J. S. Norton. 2,402,202; June 18.
Anchor. C. R. Pieper. 2,394,403; Feb. 5.
Anchor. W. J. Washam. 2,404,151; July 16.
Anchor. W. H. Wood, Jr. 2,413,596; Dec. 31.
Anchor and stabilizer for boats, Combined sea. A. J. Harris. 2,409,040; Oct. 8.
Anchor, Bolt. R. K. Skinner. 2,399,069; Apr. 23.
Anchor, Collet stop. V. Grey. 2,396,504; Mar. 12.
Anchor, Expansion earth. C. R. Pieper. 2,403,150; July 2.
Anchor extension means. J. E. Anderson and C. W. Dunlap. 2,413,425; Dec. 31.
Anchor for gratings. W. A. Bates. 2,403,842; July 9.
Anchor, Gas. E. V. Watts. 2,398,339; Apr. 9.
Anchor, Nail or dowel pin. J. J. Schutten. 2,404,928; July 30.
Anchor, Packer. W. L. Church. 2,404,692; July 23.
Anchor, Rail. E. A. Skowron and W. H. Woodings. 2,413,470; Dec. 31.
Anchorage. E. A. Black. 2,395,033; Feb. 19.
Anchorage device for closures. M. Schwartz. 2,397,440; Mar. 26.
Anchorage for mines of the marine type, Antisweep. C. S. Allen, Jr. 2,399,307; Apr. 30.
Anchoring bracket. C. J. Weller. 2,404,152; July 16.
Anchoring device. J. H. Molat. 2,403,541; July 9.
Anchoring for brushes, Tuft. C. Jobst. 2,409,490; Oct. 15.
Angle determining device. F. H. Hagner. Re. 22,719; Feb. 12.
Angle-measuring apparatus. E. Geissbuehler. 2,400,498; May 21.
Angle-measuring device, Portable. F. H. Hagner. 2,403,919; July 16.
Angle modulation noise squelching system. C. W. Hansell. 2,395,737; Feb. 26.
Anhydrate and its manufacture, Quick setting. L. A. Paley. 2,410,390; Oct. 29.
Anhydrous caustic alkalis and preparing same. V. R. Kokatnur. 2,393,108; Jan. 15.

Animal and vegetable materials, Manufacture and treatment of. C. Reid. 2,400,951; May 28.
Animal fibers, Carroting of. A. E. Hodshon and H. H. Tucker. 2,411,725; Nov. 26.
Animal fibers to reduce their tendency to felt, Treatment of. J. F. Cowley. 2,395,724; Feb. 26.
Animal trap. P. De Asis. 2,408,740; Oct. 8.
Animal trap. J. G. Azar. 2,402,720; June 25.
Animal trap. P. M. Barber. 2,408,593; Oct. 1.
Animal trap. P. Meehan. 2,398,188; Apr. 9.
Animal trap. W. E. Petty. 2,396,472; Mar. 12.
Animal trap. W. Prott. 2,404,744; July 23.
Animal trap. W. J. Vincent and C. M. Stanton. 2,411,766; Nov. 26.
Animal trap. G. B. Warren. 2,394,032; Feb. 5.
Animals, Coat for. J. W. Prieur. 2,400,781; May 21.
Anion materials, Preparation and use of. J. C. Hesler. 2,395,825; Mar. 5.
Annealing method. A. L. Billeter and M. C. King. 2,402,013; June 11.
Announcing method and system. L. J. Anderson. 2,392,218; Jan. 1.
Annunciator system. T. A. Keen. 2,404,074; July 16.
Anode, External. J. A. McCullough. 2,399,752; May 7.
Anode for the electrolytic protection of closed containers. B. G. Brollnson. 2,406,776; Aug. 13.
Anode structure, Composite. G. M. Dinnick and J. P. Quitter. 2,398,582; Apr. 16.
Antenna. J. B. Atwood. 2,401,601; June 4.
Antenna. G. H. Brown and D. W. Peterson. 2,412,249; Dec. 10.
Antenna. L. J. Chu. 2,408,373; Oct. 1.
Antenna. D. L. Hings. 2,400,551; May 21.
Antenna. N. E. Lindenblad. 2,400,867; May 21.
Antenna. W. van B. Roberts. 2,404,093; July 16.
Antenna and prism, Pipe. W. P. Mason. 2,408,435; Oct. 1.
Antenna, Broadcast. P. S. Carter. 2,403,909; July 16.
Antenna construction, Loop. W. P. Lear. 2,403,093; July 2.
Antenna coupling. W. Silver. 2,405,616; Aug. 13.
Antenna, Directive. H. G. Busignies. 2,407,250; Sept. 10.
Antenna, Directive. A. G. Kandoian. 2,402,635; June 25.
Antenna, Direction finder. D. Bellare. 2,408,034; Sept. 24.
Antenna, Microwave. A. C. Beck. 2,409,183; Oct. 15.
Antenna, Microwave directive. C. B. H. Feldman and G. E. Mueller. 2,411,872; Dec. 3.
Antenna mounting. H. A. Bryers. 2,403,479; July 9.
Antenna, Shielded loop. M. Fuchs. 2,393,981; Feb. 5.
Antenna switching system. W. D. Hershberger. 2,410,657; Nov. 5.
Antenna system. G. H. Brown. 2,397,645; Apr. 2.
Antenna system. G. H. Brown. 2,400,736; May 21.
Antenna system. G. H. Brown and D. W. Peterson. 2,410,597; Nov. 5.
Antenna system. P. S. Carter. 2,407,057; Sept. 3.
Antenna system. P. S. Carter. 2,412,320; Dec. 10.
Antenna system. G. W. Fyler. 2,405,123; Aug. 6.
Antenna system. L. J. Heaton-Armstrong. 2,397,261; Mar. 26.
Antenna system. A. J. Maddock. 2,400,937; May 28.
Antenna system. A. A. Slobod. 2,411,472; Nov. 19.
Antenna system. J. W. Tiley. 2,413,085; Dec. 24.
Antenna system, Directional. P. H. Kreager. 2,394,787; Feb. 12.
Antenna system, Directional. W. J. Polydoroff. 2,399,382; Apr. 30.
Antenna system, Directive. E. Bruce. 2,405,992; Aug. 20.
Antenna system, Sectional parabolic. De W. R. Goddard. 2,413,558; Dec. 31.
Antenna, Turnstile. P. J. Kibler. 2,412,090; Dec. 3.
Anthelminthic. W. R. and H. A. Jones. 2,399,597; Apr. 30.
Anthraquinone compounds. E. B. Towne, J. B. Dickey, and J. R. Byers, Jr. 2,398,454; Apr. 16.
Anthraquinone dyestuffs. J. B. Dickey and J. G. McNally. 2,411,148; Nov. 19.
Anthraquinone, Production of. P. D. Caesar and A. N. Sachanen. 2,401,225; May 28.
Antiaircraft fire control apparatus. E. von Segebaden and R. Österdahl. 2,394,827; Feb. 12.
Antibumping device. G. L. Doelling. 2,407,226; Sept. 10.
Anticorrosion composition. P. W. Fischer and V. N. Jenkins. 2,403,067; July 2.
Anticorrosion composition. J. J. Miskel. 2,403,293; July 2.
Anticorrosion plug. M. E. Chandler. 2,406,993; Sept. 3.
Anticorrosion plug. H. A. Lockwood. 2,407,023; Sept. 3
Anticorrosive. E. W. Zubiln, E. R. White, and E. R. Barnum. 2,398,202; Apr. 9.
Antidetonation apparatus for automotive engines. L. D. Golden and J. K. Gregg. 2,408,846; Oct. 8.
Antiflutter and vibration device for fan and propeller blades. F. R. Dent, Jr. 2,397,132; Mar. 26.
Antifouling composition. G. H. Young. 2,398,069; Apr. 9.
Antifriction bearing. W. Bauersfeld. 2,399,847; May 7.
Antifriction bearing having fluid passages. R. C. Braithwaite. 2,399,539; Apr. 30.
Antifriction drive. F. M. Slavic. 2,403,096; July 2.
Antifriction drive wheel. W. C. Cox. 2,413,099; Dec. 24.
Antifriction mechanism. S. E. Werner. 2,398,065; Apr. 9.
Antihemorrhagic esters and producing the same. L. F. Fieser. 2,407,823; Sept. 17.
Antiknock agent. E. Bartholomew. 2,398,281–2; Apr. 9.
Antimony pentafluoride, Preparing. M. A. Perkins and C. F. Irwin. 2,410,358; Oct. 29.
Antioxidants. L. H. Howland and P. T. Paul. Re. 22,808; Nov. 5.
Antioxidants, Natural. L. O. Buxton. 2,396,680; Mar. 19.
Antioxidants, Producing natural. L. O. Buxton. 2,396,681; Mar. 19.
Antiperspirant preparation. E. L. Richardson and K. L. Russell. 2,412,535; Dec. 10.
Antipicking device. H. B. Litton. 2,398,316; Apr. 9.
Antipressor and making. H. M. Rabinowitz. 2,392,878; Jan. 15.
Antirachitic material, Producing. L. F. Borchardt. 2,408,908; Oct. 8.
Antirooter. W. J. Roberts. 2,400,600; May 21.
Antiseptic ice. L. Frandsen. 2,398,781; Apr. 23.
Antisiphon ball cock valve. J. C. Owens. 2,409,890; Oct. 22.
Antisiphoning refill tube. B. Svirsky. Re. 22,727; Feb. 26.
Antiskid chain. G. O. Coates. 2,406,995; Sept. 3.
Antiskid tread. C. R. MacCallum. 2,403,812; July 9.
Antislipping device. J. Kalnitz. 2,399,638; May 7.
Antistatic composition. C. S. Myers. 2,393,863; Jan. 29.
Antisweat composition. F. E. Trent. 2,393,874; Jan. 29.
Antitank mine clearing device. B. Walker. 2,397,994; Apr. 9.
Anvil and magnetic clamp, Combination. J. A. Denton. 2,393,300; Jan. 22.
Aperture for electron image devices, Limiting. J. Hillier. 2,410,658; Nov. 5.
Aperture objective, Large. W. Schade. 2,397,565; Apr. 2.
Apparatus. D. L. Webb. 2,392,349; Jan. 8.
Apparatus and method of controlling paired operations, particularly for making slide fasteners. O. Firing. 2,395,473; Feb. 26.
Apparatus and process for producing fog or smoke. K. C. D. Hickman. 2,402,402; June 18.
Apparatus for absorbing shock loads. R. O. Anderson, M. E. Landry, and W. F. Ardussi. 2,396,071; Mar. 5.
Apparatus for aiming guns. I. W. Doyle and H. E. Hale. 2,399,726; May 7.
Apparatus for air and water craft, Control. F. W. Meredith. 2,400,701; May 21.
Apparatus for aircraft, Air-conditioning. L. A. Williams, Jr. 2,412,110; Dec. 3.
Apparatus for analysis of gas. H. W. Dietert. 2,397,845–6; Apr. 2.
Apparatus for analyzing hydrocarbons. H. E. Metcalf. 2,393,650; Jan. 29.
Apparatus for analyzing rotational unbalances. E. L. Kent. 2,405,430; Aug. 6.
Apparatus for and method of folding and stitching neckties. J. F. Baker and A. E. La Mora. 2,397,081; Mar. 26.
Apparatus for and method of pulse keying. I. Wolff. 2,401,807; June 11.
Apparatus for applying coatings to web material. H. R. Harrigan. 2,393,529; Jan. 22.
Apparatus for applying liquid treating medium to tenuous articles. H. R. Graham. 2,393,678; Jan. 29.
Apparatus for applying plastic coatings to flexible strips and the like. H. A. Cook, Jr. 2,401,551; June 4.
Apparatus for applying rotating bands to projectile shells. A. Minarik, Jr., and S. H. R. Ericson. 2,406,392; Aug. 27.
Apparatus for applying tread material to tire casings M. V. Arnold and J. W. Napier. 2,407,806; Sept. 17.
Apparatus for applying treating liquid to fibers. H. L. Siever. 2,405,857; Aug. 13.
Apparatus for applying treating mediums. G. Ornstein. 2,401,012; May 28.
Apparatus for arc welding. W. C. Huguley. 2,405,828; Aug. 13.
Apparatus for arc welding. L. K. Stringham. 2,402,937; June 25.
Apparatus for assembling articles. L. A. Bartelheim and E. C. Neuhaus. 2,394,837; Feb. 12.
Apparatus for assembling articles. G. D. Lea and C. L. Pfeiffer. 2,410,665; Nov. 5.
Apparatus for assembling centrifugal impellers. A. J. Phelan and V. H. Pavlecka. 2,402,204; June 18.
Apparatus for assembling fins and the like. R. C. Stutz. 2,403,466; July 9.
Apparatus for blowing oil wells. J. B. Hawley. 2,395,119; Feb. 19.
Apparatus for breaking foam. L. E. Gates. 2,405,138; Aug. 6.
Apparatus for brewing coffee. J. McMenamin. 2,405,751; Aug. 13.
Apparatus for burners, Fluid supply. W. H. DeLancey. 2,409,477; Oct. 15.
Apparatus for burning off glassware. C. W. Schreiber. 2,402,452; June 18.
Apparatus for carbonating liquids. R. Muehlhofer. 2,408,439; Oct. 1.

Apparatus for casting annular articles. F. G. Carrington. 2,412,601; Dec. 17.
Apparatus for catalytic operations. J. A. S. Hammond. 2,404,574; July 23.
Apparatus for cement-attaching soles to shoes. R. M. Royal. 2,398,040; Apr. 9.
Apparatus for centering shanks in casting diamond bits. M. L. Tucker. 2,412,786; Dec. 17.
Apparatus for clarifying and purifying liquids. H. C. Parker and F. D. Prager. 2,411,386; Nov. 19.
Apparatus for cleaning air. J. E. Watson, L. C. Whiton, and C. B. McBride. 2,405,624; Aug. 13.
Apparatus for cleaning eggs and the like. C. H. Inman. 2,405,648; Oct. 1.
Apparatus for cleaning of flue gases. T. C. Bleth. 2,404,347; July 23.
Apparatus for cleaning pipe and the like. O. R. Smith. 2,412,758; Dec. 17.
Apparatus for cleaning pipes and tubing. J. P. Ratigan. 2,402,345; June 18.
Apparatus for cleaning strip metal. G. M. Croft. 2,395,397; Feb. 26.
Apparatus for cleaning wells. W. P. Orr. 2,397,199; Mar. 26.
Apparatus for closing bags. C. H. Hartman, E. A. Marsh, and N. E. Dorrington. 2,396,262; Mar. 12.
Apparatus for coating machines, Control. T. A. Cohen. 2,392,229; Jan. 1.
Apparatus for coating material in strand form. W. W. Lea and J. E. Wiltrakis. 2,397,622; Apr. 2.
Apparatus for coating paper. G. D. Muggleton and A. F. Pepenberg. 2,398,843; Apr. 23.
Apparatus for coating wire. H. J. Kauth. 2,394,066; Feb. 5.
Apparatus for combination games. R. Urban. 2,394,218; Feb. 5.
Apparatus for communication systems. R. H. Brown. 2,394,145; Feb. 5.
Apparatus for communication systems. R. H. Brown. 2,404,773; July 30.
Apparatus for comparing pressures. H. W. Gilfillan. 2,407,925; Sept. 17.
Apparatus for concentrating sulphuric acid and other liquids. L. Bailly. 2,392,219; Jan. 1.
Apparatus for conditioning material. E. J. Cogovan. 2,401,412; June 4.
Apparatus for conditioning molten glass. W. F. Brown. 2,394,893; Feb. 12.
Apparatus for conditioning packages of yarn, etc. V. Woolley. 2,402,521; June 18.
Apparatus for constructing picker rolls. P. Schultze. 2,392,775; Jan. 8.
Apparatus for constructing picker rolls. P. Schultze. 2,392,777; Jan. 8.
Apparatus for continuously predicting a trend in observed data. H. Zieblolz. 2,398,987; Apr. 23.
Apparatus for continuous clarification. J. R. Osuna. Re. 22,814; Dec. 3.
Apparatus for continuously processing metal strips. F. W. Lorig, L. L. Miller, and F. E. Robinson. 2,409,770; Oct. 22.
Apparatus for contouring the ends of tubular stock. J. S. McGuire. 2,409,375; Oct. 15.
Apparatus for controlling accelerating and deceleration in aircraft. R. H. Goddard. 2,396,321; Mar. 12.
Apparatus for controlling electrical circuits. L. M. Plym. 2,396,385; Mar. 12.
Apparatus for controlling power transmission systems. S. Hedgcock. 2,408,638; Oct. 1.
Apparatus for controlling rotation. H. A. Satterlee. 2,406,855; Sept. 3.
Apparatus for controlling rotation. H. A. Satterlee. 2,406,856; Sept. 3.
Apparatus for controlling superchargers. D. M. Borden. 2,409,533; Oct. 15.
Apparatus for controlling the flow of liquid into containers. R. B. McKinnis. 2,392,054; Jan. 1.
Apparatus for controlling the power plants of aircraft. H. W. Gilfillan, D. M. Borden, and P. W. Wyckoff. 2,402,885; June 25.
Apparatus for controlling the pressure of furnace gases. F. A. Corbin and H. F. Netzhammer. 2,394,595; Feb. 12.
Apparatus for controlling the release of bombs from aircraft. E. S. Peterson. 2,396,197; Mar. 5.
Apparatus for controlling the slide movement in long-bed hydraulic presses. E. Cannon. 2,405,640; Aug. 13.
Apparatus for converting heat energy into useful work. H. Milliken. 2,404,395; July 23.
Apparatus for converting tow to top. J. B. Rumsey. 2,410,307; Oct. 29.
Apparatus for conveying material. C. S. Weyandt. 2,407,357; Sept. 10.
Apparatus for cooling and hardening wax carbon coatings. N. S. Welk. 2,408,498; Oct. 1.
Apparatus for cooling extruded plastics. F. G. Back. 2,399,422; Apr. 30.
Apparatus for cooling molds. F. W. Stewart, A. J. Reek, and M. J. Kelly. 2,402,708; June 25.
Apparatus for correcting differences in register. G. Spiess. 2,404,756; July 23.
Apparatus for cotton pickers, Cotton conveying. C. R. Hagen. 2,401,152; May 28.
Apparatus for covering articles. T. K. Cox, A. N. Gray, and V. A. Rayburn. 2,393,023; Jan. 15.
Apparatus for cracking nuts. W. F. Grupe. 2,405,303; Aug. 6.
Apparatus for cultivating of plants. P. C. McLemore. 2,408,328; Sept. 24.
Apparatus for cutting metal. C. Field. 2,399,219–20; Apr. 30.
Apparatus for cutting metal. C. Field and G. C. Toole. 2,401,147; May 28.
Apparatus for cutting metal along curved lines. J. F. Franzen. 2,403,514; July 9.
Apparatus for cutting prisms. W. Owen and I. G. Peck. 2,408,530; Oct. 1.
Apparatus for debarking timber. G. S. Witham. 2,400,725; May 21.
Apparatus for decorticating fibers. C. J. Delegard and R. Kreutz. 2,412,445; Dec. 10.
Apparatus for decrating eggs. W. G. Howard. 2,410,163; Oct. 29.
Apparatus for deforming thin diaphragms. J. Evans. 2,403,915; July 16.
Apparatus for dehydrating liquid products. J. M. Hall. 2,400,458; May 14.
Apparatus for delivering bars from cooling beds to live roll conveyers. H. Cramer. 2,392,523; Jan. 8.
Apparatus for delivering elongated cylindrical articles M. S. Gettig and H. E. Engelbaugh. 2,407,638; Sept. 17.
Apparatus for detecting leaks. L. T. Pockman. 2,401,101; May 28.
Apparatus for detecting small direct currents. J. R. Pattee. 2,405,049; July 30.
Apparatus for detecting trends in observed data. H. Zieblolz. 2,398,988; Apr. 23.
Apparatus for determining ballistic factors. H. C. Ford. 2,397,784; Apr. 2.
Apparatus for determining geographic positions celestially. W. R. Barry. 2,407,467; Sept. 10.
Apparatus for determining mold cavity pressure. E. J Gibbons and T. M. O'Neil, Jr. 2,399,342; Apr. 30.
Apparatus for determining the proficiency of code students. H. P. Clausen. 2,401,462; June 4.
Apparatus for determining the roughness of surfaces. H. Shaw. 2,396,394; Mar. 12.
Apparatus for determining weldability. J. Heuschkel. 2,406,076; Aug. 20.
Apparatus for developing exposed photographic prints. A. L. Mayer. 2,404,138; July 16.
Apparatus for developing light. H. W. Leverenz. 2,404,077; July 16.
Apparatus for dialyzing. F. H. Reichel and A. O. Russell. 2,411,239; Nov. 19.
Apparatus for die-forming sheet material. J. E. Conzelman, Jr. 2,409,254; Oct. 15.
Apparatus for dipping tubes, bars, and the like. D. W. T. Evans. 2,410,023; Oct. 29.
Apparatus for discharge lamps, Starting. H. L. Byerlay. 2,392,282; Jan. 1.
Apparatus for distillation. R. V. Kleinschmidt. 2,398,184; Apr. 9.
Apparatus for distributing seed or powdered and like materials on the ground. A. W. Bean. 2,397,590; Apr. 2.
Apparatus for distributing stock to the cylinder of paper machines. J. Edge. 2,399,546; Apr. 30.
Apparatus for dividing or desurfacing metal by use of oxidizing sets. S. S. Watts. 2,408,588; Oct. 1.
Apparatus for drawing. A. Crossley. 2,404,218; July 16.
Apparatus for drawing elongate glass shapes. H. H. Snyder. 2,402,924; June 25.
Apparatus for drilling holes in cylindrical supports or the like. P. Schultze. 2,392,774; Jan. 8.
Apparatus for drying fabrics. G. D. Blunk and H. E. Edwards. 2,403,630; July 9.
Apparatus for drying materials. E. Mittelmann. 2,397,615; Apr. 2.
Apparatus for drying striplike material. G. S. Frum. 2,402,545; June 25.
Apparatus for echo distance measurement. E. E. Turner, Jr. 2,408,458; Oct. 1.
Apparatus for echo distance measurement. E. E. Turner, Jr. 2,412,234; Dec. 10.
Apparatus for effecting intimate contact between gases and liquids. F. C. Koch. 2,401,569; June 4.
Apparatus for electric lighting fixtures, Raising and lowering. W. Wilson. 2,391,936; Jan. 1.
Apparatus for electrical control. A. S. Riggs. 2,408,813; Oct. 8.
Apparatus for electrical well logging. R. W. Stuart and D. Silverman. 2,398,868; Apr. 23.
Apparatus for electrically heating and forming metal bodies. S. Westin. 2,397,717; Apr. 2.
Apparatus for electrically resolving water-in-oil emulsions. P. H. Brace. 2,400,975; May 28.
Apparatus for electrolytic treatment. J. B. Niles. 2,398,110; Apr. 9.
Apparatus for electroplating ball bearings. R. M. Wick. 2,397,177; Mar. 26.
Apparatus for electroplating wire. J. S. Nachtman. 2,392,687; Jan. 8.

Apparatus for electrothermic reactions. C. G. Suits. 2,399,951; May 7.
Apparatus for elevator guide rails, Positioning. H. E. Hall. 2,402,888; June 25.
Apparatus for elevator platforms, Locking. J. Dunlop and L. R. Rissler. 2,408,762; Oct. 8.
Apparatus for elevators, Safety. J. Dunlop. 2,408,758; Oct. 8.
Apparatus for embedding an elongated flexible member in a moldable material. L. W. Miller and S. D. Mahlstadt. 2,408,149; Sept. 24.
Apparatus for evaporating and distilling. E. P. Worthen and F. S. Barbour. 2,398,068; Apr. 9.
Apparatus for evaporating liquid oxygen. J. A. Mathis and R. W. Milan. 2,401,651; June 4.
Apparatus for exposing and developing films. H. Kershaw. 2,395,970; Mar. 5.
Apparatus for extracting oil free non-oxidized juice. R. B. McKinnis. 2,393,475; Jan. 22.
Apparatus for extruding. L. B. Green. 2,408,627; Oct. 1.
Apparatus for extruding thermoplastic materials. W. A. Magerkurth and H. E. Buecken. 2,407,503; Sept. 10.
Apparatus for fabricating lamp stems. A. B. Scholes and A. Bratt. 2,392,790; Jan. 8.
Apparatus for fabricating mercury switches and the like. C. H. Larson. 2,396,956; Mar. 19.
Apparatus for fabricating welded wire fabrics. T. H. Wickwire, Jr. 2,410,766; Nov. 5.
Apparatus for feeding and delivering ammunition blanks. E. H. Birdsall. 2,409,657; Oct. 22.
Apparatus for feeding and stemming fruit. B. C. Coons. 2,401,463; June 4.
Apparatus for feeding, cutting, and molding individual edible spreads. C. and H. H. Doering, E. W. Anderson, and B. J. Skoglund. 2,411,616; Nov. 26.
Apparatus for feeding liquid to drying drums. G. N. Harcourt and D. B. Montgomery. 2,392,382; Jan. 8.
Apparatus for feeding metal strip to metal working presses. R. T. Todd. 2,394,824; Feb. 12.
Apparatus for feeding preforms to injection machines. D. C. Youngblood and B. D. Ashbaugh. 2,413,401; Dec. 31.
Apparatus for feeding spangles to spangling machines. C. Weiss. 2,400,616; May 21.
Apparatus for filling life preservers and the like. J. A. Cook. 2,410,015; Oct. 29.
Apparatus for filtering gas. W. E. Stackhouse. 2,400,719; May 21.
Apparatus for finishing bimetallic articles. L. S. Kupersmith and C. F. Wirt. 2,392,050; Jan. 1.
Apparatus for finishing forgings. A. R. Walpole. 2,411,399; Nov. 19.
Apparatus for firing pressed fuel. J. Roth. 2,407,849; Sept. 17.
Apparatus for fluid suspension classification. P. L. Wigton. 2,413,015; Dec. 24.
Apparatus for fluid treating under controlled conditions. G. L. Royer and E. I. Stearns, Jr. 2,405,167; Aug. 6.
Apparatus for forming and assembling articles. E. C. Neuhaus and C. W. Verrill. 2,409,147; Oct. 8.
Apparatus for forming blocks of concrete or other hardening material. F. A. Williams. 2,398,267; Apr. 9.
Apparatus for forming cam surfaces upon cylindrical cam bodies. A. Anderson. 2,408,722; Oct. 8.
Apparatus for forming can tops and lids. L. W. Sturdy. 2,413,591; Dec. 31.
Apparatus for forming clay pipe and the like. R. F. Donahey. 2,401,232; May 28.
Apparatus for forming cutting edges on cutting tools. C. Walters. 2,396,904; Mar. 19.
Apparatus for forming evaporated films. J. E. Swope, Jr., A. F. Turner, and O. A. Ullrich, Jr. 2,403,199; July 2.
Apparatus for forming fibrous strands. G. Slayter and E. Fletcher. 2,398,808; Apr. 23.
Apparatus for forming flanges. W. H. Snow and J. D. Brengman. 2,395,692; Feb. 26.
Apparatus for forming hollow molds. W. C. Jarchow. 2,402,555; June 25.
Apparatus for forming materials. W. B. Ahern. 2,410,857; Nov. 12.
Apparatus for forming ornamental trimming. A. Beckelman. 2,404,941; July 30.
Apparatus for forming sheet metal. J. S. Nielsen. 2,410,676; Nov. 5.
Apparatus for forming skis, etc. E. R. Patchen. 2,406,628; Aug. 27.
Apparatus for forming surfaces of revolution. C. B. Maddock. 2,403,668; July 9.
Apparatus for forming tubing. L. L. Seymour. 2,392,104; Jan. 1.
Apparatus for fractional distillation. R. E. Burk and E. Kropp. 2,404,789; July 30.
Apparatus for freezing. F. B. Doyle. 2,407,482; Sept. 10.
Apparatus for freezing comestibles. N. Sharpe. 2,402,921; June 25.
Apparatus for fumigating buildings. F. D. Hubbell. 2,411,212; Nov. 19.
Apparatus for furnace ports, Cooling. E. W. Pottmeyer. 2,406,399; Aug. 27.
Apparatus for gas analysis. W. M. Zaikowsky. 2,393,674; Jan. 29.
Apparatus for gas analysis of drilling mud. R. L. Doan. 2,393,092; Jan. 15.
Apparatus for generating continuously variable mechanical operations. V. Bush and S. H. Caldwell. 2,397,467; Apr. 2.
Apparatus for grading fruits, vegetables, and other products according to size. G. H. Bleeke. 2,410,147; Oct. 29.
Apparatus for grinding. H. N. Seyferth. 2,402,455; June 18.
Apparatus for grinding teeth. S. R. Silver. 2,411,234; Nov. 19.
Apparatus for grinding the surfaces of small objects. H. F. Fruth. 2,405,417; Aug. 6.
Apparatus for handling and coating containers. W. I. Gladfelter and W. A. Schmidt. 2,397,733; Apr. 2.
Apparatus for handling articles. C. C. McCain. 2,399,052; Apr. 23.
Apparatus for handling powdered materials. O. T. Pieper. 2,404,884; July 30.
Apparatus for handling recumbent persons. J. E. Lenahan. 2,404,734; July 23.
Apparatus for handling vehicles. M. Rickland. 2,412,009; Dec. 3.
Apparatus for heat treating. H. E. Somes. 2,396,612; Mar. 12.
Apparatus for heat treating articles. H. E. Somes. 2,396,613; Mar. 12.
Apparatus for heat treating internal surfaces of metal articles. A. E. Shorter. 2,403,761; July 9.
Apparatus for heat-treating metal objects. L. S. Hughes. 2,396,850; Mar. 19.
Apparatus for heat-treatment. H. A. Strickland, Jr. 2,402,509; June 18.
Apparatus for heating and melting materials. G. P. Kittel and P. Wollner. 2,396,578; Mar. 12.
Apparatus for heating and vaporizing liquid. W. M. Butler. 2,402,871; June 25.
Apparatus for heating catalyst chambers. F. C. Neuhart. 2,394,631; Feb. 12.
Apparatus for improving the effective use of eyesight and preventing strain on the eyes. C. L. Burdick. 2,406,190; Aug. 20.
Apparatus for indicating horsepower. D. K. Allison. 2,402,719; June 25.
Apparatus for indicating or measuring distances, Electrical. A. D. Blumlein. 2,406,529; Aug. 27.
Apparatus for inflating tires. G. C. Schule. 2,408,126; Sept. 24.
Apparatus for inspecting manufactured articles. C. P. Abrams. 2,405,483; Aug. 6.
Apparatus for instruction in the use of firearms. S. D. Martin. 2,396,017; Mar. 5.
Apparatus for instruction or amusement. N. S. Krassilnikoff. 2,399,811; May 7.
Apparatus for integrating radiant energy. C. S. Ost. 2,408,576; Oct. 1.
Apparatus for interiorly inspecting opaque containers. I. W. England and W. F. Punte. 2,411,991; Dec. 3.
Apparatus for internal-combustion engines, Auxiliary spark ignition. I. J. Hulbert. 2,400,757; May 21.
Apparatus for introducing molten material into molds. H. E. McWane and H. K. McGavock. 2,409,779; Oct. 22.
Apparatus for investigating absorption spectra of substances. J. J. Heigl and J. A. Wilson. 2,404,064; July 16.
Apparatus for lacquer coating side seams of can bodies. H. A. Fink and B. D. Bloser. 2,412,139; Dec. 3.
Apparatus for loading and unloading moving floor vehicles. J. A. Kinnaird. 2,409,870; Oct. 22.
Apparatus for making alkyl lead compounds. F. C. Mitchell, J. C. Lawrence, and J. L. Stecher. 2,411,453; Nov. 19.
Apparatus for making briquettes. A. J. Langhammer. 2,411,379; Nov. 19.
Apparatus for making carbon black. I. Williams and F. W. Selfridge. 2,399,969; May 7.
Apparatus for making coffee. M. N. States. 2,403,691; July 9.
Apparatus for making collapsible tubes. B. Bogoslowsky. 2,403,042; July 2.
Apparatus for making gut strings. F. Lange. 2,410,509; Nov. 5.
Apparatus for making hollow thermoplastic ware. V. E. Hofmann. 2,401,564; June 4.
Apparatus for making ice. W. B. Kirkpatrick. 2,400,517; May 21.
Apparatus for making masking tapes. C. A. Herold. 2,396,466; Mar. 12.
Apparatus for making montage prints. C. Pollak. 2,412,288; Dec. 10.
Apparatus for making photographic prints on variable contrast light-sensitive material. R. S. Potter. 2,392,502; Jan. 8.
Apparatus for making piezoelectric crystals. H. F. Fruth. 2,404,282; July 16.
Apparatus for making pile fabrics. R. E. Ford and J. W. Hunt. 2,395,217; Feb. 19.
Apparatus for making rivets. C. R. Buchet. 2,395,721; Feb. 26.
Apparatus for making sheet material. G. P. Bosomworth. 2,404,582; July 23.
Apparatus for making socket wrenches. P. E. Mortensen. 2,398,244; Apr. 9.

Apparatus for making spiral wound tubing. P. Gardner and R. Kagan. 2,406,677; Aug. 27.
Apparatus for manufacture or converting of textile yarn. W. A. Seem. 2,394,639; Feb. 12.
Apparatus for manufacturing hollow glass articles. E. R. Bonnefoy-Cudraz. 2,405,537; Aug. 13.
Apparatus for manufacturing jiggered potteryware. W. J. Miller. 2,408,804; Oct. 8.
Apparatus for manufacturing optical prisms. E. M. Hawkins. 2,394,610; Feb. 12.
Apparatus for manufacturing silica-glass. H. J. Nachod. 2,398,952; Apr. 23.
Apparatus for manufacturing slide fasteners. M. Voity. 2,396,933; Mar. 19.
Apparatus for manufacturing tempered glass. T. G. Weiffs. 2,411,701; Nov. 26.
Apparatus for manufacturing toothed elements. E. F. Aber. 2,393,727; Jan. 29.
Apparatus for measuring carbonaceous deposits. R. B. Collins. 2,404,474; July 23.
Apparatus for measuring high frequency voltages. E. C. Cork. 2,395,851; Mar. 5.
Apparatus for measuring molten metal temperatures. W. R. Zimmerman. 2,397,901; Apr. 2.
Apparatus for measuring or checking transverse dimensions. M. Mennesson. 2,408,672; Oct. 1.
Apparatus for measuring or indicating the roughness or undulations of a surface. R. E. Reason. 2,398,666; Apr. 16.
Apparatus for measuring or indicating the roughness or undulations of surfaces. R. E. Reason. 2,404,143; July 16.
Apparatus for measuring tensile or compression loads. W. E. Roberts. 2,403,194; July 2.
Apparatus for measuring the quality of material. R. W. Osborne. 2,395,425; Feb. 26.
Apparatus for measuring tires. R. W. Evert. 2,408,746; Oct. 8.
Apparatus for melting finely divided aluminum and alloys and other metals. N. Kohlhepp. 2,402,498; June 18.
Apparatus for mixing and filling beverages. R. J. Stewart. 2,408,107; Sept. 24.
Apparatus for mixing and placing concrete. L. M. Parkhurst. 2,394,561; Feb. 12.
Apparatus for mixing fluids. M. P. Watuszak. 2,395,542; Jan. 8.
Apparatus for mixing materials, Stream-current. G. A. Auer. 2,391,858; Jan. 1.
Apparatus for molding concrete. K. V. Lindkvist. 2,407,168; Sept. 3.
Apparatus for molding concrete blocks. C. W. Stancliffe. 2,394,943; Feb. 12.
Apparatus for molding laminated structures. E. L. Vidal and W. A. Taylor. 2,392,108; Jan. 1.
Apparatus for molding lenses. J. H. Webb. 2,410,616; Nov. 5.
Apparatus for molding plastic material. L. B. Green. 2,408,630; Oct. 1.
Apparatus for molding plywood panels. G. E. Kloote. 2,412,274; Dec. 10.
Apparatus for moving loose material. L. B. Thwaites. 2,395,238; Feb. 19.
Apparatus for multicolor printing with electro lines of force. W. C. Huebner. 2,408,143; Sept. 24.
Apparatus for obtaining moisture regain. W. N. Hadley. 2,401,927; June 11.
Apparatus for operating coke ovens with movable walls. F. Puening. 2,413,335; Dec. 31.
Apparatus for opposing offset and eliminating static in printing. T. M. Beregh. 2,394,656; Feb. 12.
Apparatus for packaging. T. B. Buchanan and C. B. Pape. 2,402,869; June 25.
Apparatus for packing explosive in cartridges. J. L. Clark, C. M. Linden, and C. J. Obert. 2,404,434; July 23.
Apparatus for picking up articles by aircraft in flight. R. C. du Pont. 2,402,879; June 25.
Apparatus for placing beads on tire carcasses. C. S. McChesney. 2,394,465; Feb. 5.
Apparatus for plating finely divided material. W. W. Castor. 2,398,517; Apr. 16.
Apparatus for polishing or forming facets on gems, diamonds, or the like. J. H. Spira. 2,393,939; Jan. 29.
Apparatus for positioning fish. C. M. Savrda. 2,413,383; Dec. 31.
Apparatus for preparing clay for jiggering in the manufacture of potteryware. W. J. Miller. 2,408,803; Oct. 8.
Apparatus for preparing formed gels. E. O. Sowerwine. 2,410,314-15; Oct. 29.
Apparatus for preparing mixtures of ceramic materials in the manufacture of potteryware. W. J. Miller. 2,413,330; Dec. 31.
Apparatus for preparing paving materials. J. L. Waters. 2,397,581; Apr. 2.
Apparatus for preventing foaming. P. M. Kallusky. 2,412,342; Dec. 10.
Apparatus for preventing offset. T. J. Beregh. 2,394,657; Feb. 12.
Apparatus for printing. G. C. Ellerbeck. 2,405,562; Aug. 13.
Apparatus for processing photographic films. R. J. Duguid. 2,405,645; Aug. 13.
Apparatus for producing annular compressed wire mesh units. O. H. York. 2,405,725; Aug. 13.
Apparatus for producing balanced color reproductions of off-balance color recordings. F. T. O'Grady. 2,402,660; June 25.
Apparatus for producing cage grids. C. Herzog. 2,391,969; Jan. 1.
Apparatus for producing carbon black. R. W. Skoog. 2,413,586; Dec. 31.
Apparatus for producing electrical oscillations. A. W. Wells. 2,408,589; Oct. 1.
Apparatus for producing fibrous glass. A. L. Simison and E. Fletcher. 2,407,295; Sept. 10.
Apparatus for producing justified type matter. H. R. Freund and C. G. Youngquist. 2,395,659; Feb. 26.
Apparatus for producing metal. R. K. Hopkins. 2,406,147; Aug. 20.
Apparatus for producing or purifying metals or compounds. S. E. Hybinette and F. C. Cary. 2,412,582; Dec. 17.
Apparatus for producing ozone. D. K. Allison. 2,404,778; July 30.
Apparatus for producing pottery ware. W. J. Miller. 2,407,321; Sept. 10.
Apparatus for producing potteryware. W. J. Miller. 2,409,999; Oct. 29.
Apparatus for producing pulp. K. A. U. Lowgren, A. A. Alfsen, and H. S. Messing. 2,396,587; Mar. 12.
Apparatus for producing staple fibers. N. J. Folsom and S. M. Martin. 2,394,603; Feb. 12.
Apparatus for producing subdivided molding material. F. J. Fielitz. 2,401,236; May 28.
Apparatus for producing synthetic yarns. A. J. Signoret. 2,406,641; Aug. 27.
Apparatus for production and application of reinforcing elements. W. T. Bailey. 2,399,616; May 7.
Apparatus for production of artificial threads by the wet spinning process. R. S. Jones. 2,402,409; June 18.
Apparatus for production of mirrored surfaces. A. R. Weinrich. 2,401,443; June 4.
Apparatus for production of olefins and diolefins. E. V. Murphree. 2,399,560; Apr. 30.
Apparatus for protecting ships from torpedoes, mines, and the like. C. H. Luby. 2,395,056; Feb. 19.
Apparatus for pulverizing materials. L. F. Beach. 2,398,774; Apr. 23.
Apparatus for pumping and atomizing liquid. W. E. Baker. 2,412,383; Dec. 10.
Apparatus for purifying liquids. F. G. Negus. 2,399,289; Apr. 30.
Apparatus for pyrolytically treating hydrocarbons. C. H. Hughes. 2,410,074; Oct. 29.
Apparatus for radio direction finding. J. R. Steinhoff. 2,392,420; Jan. 8.
Apparatus for radio receiving beacons, Radio. W. J. O'Brien. 2,404,810; July 30.
Apparatus for railway signal systems. F. T. Fereday. 2,408,206; Sept. 24.
Apparatus for raising sunken vessels. E. A. Brizay. 2,411,649; Nov. 26.
Apparatus for recording electrical signals. J. N. Anderson. 2,403,472; July 9.
Apparatus for recording temperature. H. W. Russell and C.F. Lucks. Re. 22,709; Jan. 15.
Apparatus for recovering metals. T. B. Cooper and W. H. Schulz. 2,404,364; July 23.
Apparatus for rectification, absorption, or gas scrubbing. M. A. Zimmerman. 2,394,133; Feb. 5.
Apparatus for reducing the fluid content of fluid-solid intermixture. H. A. Teale. 2,407,303; Sept. 10.
Apparatus for reducing the visibility of an object silhouetted against the sky. W. D. Cockrell. 2,398,620; Apr 16.
Apparatus for reduction of oxides. H. A. Brassert. 2,404,944; July 30.
Apparatus for refacing gate valves. P. E. Wilcox. 2,408,280; Sept. 24.
Apparatus for refrigerating comestibles. L. R. Tansley. 2,397,446; Mar. 26.
Apparatus for regulating vehicle speed. J. G. Oetzel. 2,412,228; Dec. 10.
Apparatus for remote control systems, Transmitting. A. P. Jackel. 2,393,377; Jan. 22.
Apparatus for removing bark from slabs. B. E. Kenney, Jr. 2,397,490; Apr. 2.
Apparatus for removing burrs from tubes or the like. W. R. Hathaway. 2,395,624; Feb. 26.
Apparatus for removing matter from surfaces of etched plates. J. Nowatius. 2,392,176; Jan. 1.
Apparatus for removing slag from furnaces. W. G. Noack. 2,399,884; May 7.
Apparatus for removing snow and the like. E. R. Greer. 2,404,287; July 16.
Apparatus for responding to magnetic fields. V. V. Vacquier. 2,406,870; Sept. 3.
Apparatus for responding to magnetic fields. V. V. Vacquier. 2,407,202; Sept. 3.
Apparatus for reversing furnaces. P. D. Nielsen. 2,397,365; Mar. 26.
Apparatus for riveting. A. J. Heintz. 2,393,771; Jan. 29.
Apparatus for road vehicles, Sanding. C. H. Mattoon. 2,405,970; Aug. 20.
Apparatus for sampling workpieces. O. E. Schauer and P. H. Long. 2,400,603; May 21.

Apparatus for sawing stone. E. and F. E. Minkler. 2,411,585; Nov. 26.
Apparatus for screening fish from streams of water. J. D. Toft. 2,402,099; June 11.
Apparatus for sealing containers. H. A. Rau. 2,408,447; Oct. 1.
Apparatus for sealing containers. H. E. Stover. 2,412,924; Dec. 17.
Apparatus for securing a metallic annulus. R. K. Pottle. 2,403,998; July 16.
Apparatus for selective control and indication systems. W. P. Place. 2,400,258; May 14.
Apparatus for selective control and indication systems. A. J. Sorensen. 2,409,719; Oct. 22.
Apparatus for separating fluids. W. H. Rupp and R. O. Wright. 2,411,809; Nov. 26.
Apparatus for separating gases or the like. N. C. Turner. 2,398,818; Apr. 23.
Apparatus for separating sheets from piles. T. Rowlands. 2,395,644; Feb. 26.
Apparatus for separating shot particles from mineral wool. C. G. Muench. 2,403,740; July 9.
Apparatus for separation of metallic values. A. Hanak. 2,393,467; Jan. 22.
Apparatus for setting blind rivets. E. H. Shaff. 2,405,613; Aug. 13.
Apparatus for severing and crimping electrical connectors. V. E. Carlson. 2,396,913; Mar. 19.
Apparatus for shaping objects provided with curved surfaces. H. G. Hoffer. 2,410,443; Nov. 5.
Apparatus for shaping plastics by extrusion. J. Bailey and R. S. Jesionowski. 2,393,452; Jan. 22.
Apparatus for shell forgings, Nosing-in. L. Layton. 2,404,304; July 16.
Apparatus for shrinking fabrics. F. Chatfield. 2,409,543; Oct. 15.
Apparatus for slitting endless bands. F. Slusher. 2,410,905; Nov. 12.
Apparatus for smoothing and drying garments. H. C. Grimes. 2,403,655; July 9.
Apparatus for smoothing furnace walls. C. R. Jeffreys. 2,394,858; Feb. 12.
Apparatus for smoothing hot melt coatings. A. M. Wickwire, Jr. 2,407,335; Sept. 10.
Apparatus for solar distillation. W. R. P. Delano. 2,405,877; Aug. 13.
Apparatus for splicing rubberlike materials. C. W. Leguillon. 2,409,571; Oct. 15.
Apparatus for spraying crown caps. H. A. Fink. 2,412,138; Dec. 3.
Apparatus for stacking lumber. W. H. Beane. 2,397,720; Apr. 2.
Apparatus for steam generator control. J. D. McCracken. 2,412,739; Dec. 17.
Apparatus for steering aircraft. R. H. Goddard. 2,396,568; Mar. 12.
Apparatus for sterilizing soil. B. B. Elliott. Re. 22,778; Aug. 13.
Apparatus for strip material, Straightening. C. P. Naegeli. 2,393,702; Jan. 29.
Apparatus for subdividing a mass. R. R. Pollard. 2,393,185; Jan. 15.
Apparatus for submarine signaling. L. Batchelder. 2,407,244; Sept. 10.
Apparatus for submarine signaling. L. Batchelder. 2,407,643; Sept. 17.
Apparatus for submarine signaling. H. M. Hart. 2,407,271; Sept. 10.
Apparatus for submarine signaling. E. E. Turner, Jr. 2,407,329; Sept. 10.
Apparatus for submarine signaling. E. E. Turner, Jr. 2,408,113; Sept. 24.
Apparatus for submarine signaling. R. L. Williams. 2,407,697; Sept. 17.
Apparatus for supplying wire from wire supply spools to bending presses. J. S. Burge. 2,400,739; May 21.
Apparatus for supporting and cementing liners or casings in well bores. R. C. Glover and R. O. Childers 2,411,260; Nov. 19.
Apparatus for surface generation. R. Hayward. 2,403,659; July 9.
Apparatus for taking samples from traveling strip. R. Brunner. 2,393,745; Jan. 29.
Apparatus for testing and adjusting barometric fuses. E. H. Beiser, E. L. Burninger, and M. E. Schlenker. 2,411,355; Nov. 19.
Apparatus for testing containers. W. A. Darrah. 2,407,062; Sept. 3.
Apparatus for testing cylinders. J. E. Longley. 2,396,380; Mar. 12.
Apparatus for testing electrical conductors. H. R. Longfellow. 2,393,177; Jan. 15.
Apparatus for testing fusion sealed ampoules. R. L. Wells. 2,396,729; Mar. 19.
Apparatus for testing gear units. J. A. Lucas. 2,393,113; Jan. 15.
Apparatus for testing microphones. H. J. Houlgate and P. D. R. Marks. 2,394,613; Feb. 12.
Apparatus for testing the aerodynamic balance of airscrews. F. B. Halford. 2,394,766; Feb. 12.
Apparatus for testing the brake on airplane ground wheels. G. E. Bock. 2,409,467; Oct. 15.
Apparatus for testing telephone lines. F. J. Cannon and G. E. Goodwin. 2,397,837; Apr. 2.
Apparatus for testing waterproof watchcases. W. O. Bennett, Jr. 2,407,945; Sept. 17.
Apparatus for testing water-vapor permeability. G. J. Brabender. 2,400,481; May 21.
Apparatus for the automatic adjustment of the angle of elevation of guns. F. H. Roberts and J. H. Abbink-Spaink. 2,412,356; Dec. 10.
Apparatus for the clarification of liquids. A. Butcher. 2,407,947; Sept. 17.
Apparatus for the control of highway crossing signals. S. E. Gillespie. 2,391,961; Jan. 1.
Apparatus for the control of highway crossing signals. C. F. Lower. 2,406,955; Sept. 3.
Apparatus for the determination of the fluidity of molten metals. E. M. Currie. 2,395,254; Feb. 19.
Apparatus for the electrolytic treatment of moving strips of metal. W. M. Venable. 2,395,437; Feb. 26.
Apparatus for the electroplating of bearing shells. C. F. Matthews. 2,406,956; Sept. 3.
Apparatus for the feeding chutes of concrete mixers, Vibrating. G. M. Murphy. 2,398,549; Apr. 16.
Apparatus for the liquid treatment of strand material. A. P. Burke and H. Crewdson. 2,402,313; June 18.
Apparatus for the manufacture of building blocks. E. Leipold and B. Garni. 2,413,109; Dec. 24.
Apparatus for the manufacture of convoluted rods. H. A. Perkins. 2,406,033; Aug. 20.
Apparatus for the manufacture of formaldehyde. P. Schildeler and R. S. Richardson. 2,406,908; Sept. 3.
Apparatus for the manufacture of polymer. W. J. Sparks and D. C. Field. 2,395,079; Feb. 19.
Apparatus for the manufacture of potteryware. W. J. Miller. 2,409,172; Oct. 8.
Apparatus for the manufacture of synthetic yarn. H. O. Naumann. 2,410,456; Nov. 5.
Apparatus for the molding of plastic articles. A. B. McGinnis. 2,412,411; Dec. 10.
Apparatus for the production of ammonium sulphate. C. Otto. 2,409,790; Oct. 22.
Apparatus for the production of artificial filaments. A. S. Hunter. 2,391,973; Jan. 1.
Apparatus for the production of music. B. F. Miessner. 2,413,062; Dec. 24.
Apparatus for the production of reflection reducing coatings. G. L. Dimmick. 2,411,715; Nov. 26.
Apparatus for the recording of slow processes. L. Rosa and I. Zakarias. 2,409,317; Oct. 15.
Apparatus for the transportation of dry bulk materials. E. G. Warren. 2,396,355; Mar. 12.
Apparatus for treating articles. H. Osterberg, G. E. Pride, and P. C. Heijn. 2,408,529; Oct. 1.
Apparatus for the treatment of artificial materials. R. D. Reel. 2,398,856; Apr. 23.
Apparatus for the treatment of textiles. A. Mellor and R. Martin. 2,392,939; Jan. 15.
Apparatus for transmitting intelligence. S. Brand and H. J. Klotz. 2,399,720; May 7.
Apparatus for treating carbonaceous material. E. H. Records. 2,397,432; Mar. 26.
Apparatus for treating fabrics. H. V. Wright and W. W. Sibson, Jr. 2,400,726; May 21.
Apparatus for treating fabrics with liquid. R. Nazzaro. 2,405,665; Aug. 13.
Apparatus for treating fibrous materials. C. R. Carpenter. 2,405,401; Aug. 6.
Apparatus for treating gases with liquids. L. W. W. Clarke and B. J. Byrne. 2,400,810; May 21.
Apparatus for treating material on propeller blades. J. O. Antonson. 2,407,528; Sept. 10.
Apparatus for treating metal. R. A. Bierwirth and C. N. Hoyler. 2,401,899; June 11.
Apparatus for treating ores or other materials. E. Anderson. 2,393,227; Jan. 22.
Apparatus for treating sewage. J. D. Walker. 2,403,695; July 9.
Apparatus for treating thread and the like. K. M. McLellan. 2,403,819; July 9.
Apparatus for trimming commutators. J. Simpson, Jr., and J. Williams. 2,409,158; Oct. 8.
Apparatus for trimming handles and the like for pottery goods. R. B. Bloore. 2,413,540; Dec. 31.
Apparatus for tube-like articles, Shaping. J. F. P. Farrar. 2,402,490; June 18.
Apparatus for unbelting ammunition. M. R. Williams. 2,409,651; Oct. 22.
Apparatus for undisturbed overburden sampling. H. L. Johnson. 2,403,002; July 2.
Apparatus for use in logging wells. J. T. Hayward. 2,404,132; July 16.
Apparatus for use in manufacturing pottery ware. W. J. Miller. 2,392,399; Jan. 8.
Apparatus for use in stiffening uppers of shoes. J. J. Brophy. 2,406,738; Sept. 3.
Apparatus for use in the hydrogenation of oils. L. H. Manderstam and L. W. Warner. 2,410,670; Nov. 5.
Apparatus for use in the manufacture of laminated skis. A. D. Andreef. 2,392,079; Jan. 1.
Apparatus for vacuum testing sealed articles. R. H. Dickman. 2,408,202; Sept. 24.
Apparatus for vulcanizing articles. H. Blount. 2,394,658; Feb. 12.

Apparatus for washing films. R. A. Ballantyne. 2,390,617; May 7.
Apparatus for waving hair. J. A. Kols. 2,392,157; Jan. 1.
Apparatus for welding seams. H. T. Odquist. 2,394,004; Feb. 5.
Apparatus for well logging. W. L. Russell. 2,398,562; Apr. 16.
Apparatus for whipping conductors. A. C. Frankwich. 2,393,217; Apr. 9.
Apparatus for working metal. D. Kelleher. 2,392,925; Jan. 15.
Apparatus to detect change of voltage. C. Volz. 2,408,711; Oct. 1.
Apparel, Mustard gas proof. H. J. Heribert. 2,399,027; Apr. 23.
Apparel, Sun-bathing. G. Gallowhur. 2,391,959; Jan. 1.
Appliance. H. Cohen. 2,409,929; Oct. 22.
Appliance, Cosmetic. B. C. Dunand. 2,399,335; Apr. 30.
Appliance, Dental. V. E. Britt and E. A. Goetze. 2,400,912; May 28.
Appliance, Domestic. J. B. Dyer. 2,396,164; Mar. 5.
Appliance, Domestic. C. A. Stickel. 2,402,787; June 25.
Appliance, Foot. B. Ferrar. 2,408,617; Oct. 1.
Appliance for hoisting apparatus, Safety. J. E. Davenport. 2,393,312; Jan. 22.
Appliance for measuring the velocity of projectiles. F. Fischer and W. Amrein. 2,409,672; Oct. 22.
Appliance for paint sprayers. J. D. Tessier. 2,410,532; Nov. 5.
Applicator. R. H. Noble. 2,403,016; July 2.
Applicator and container combination, Lipstick. L. L. Bassett. 2,412,073; Dec. 3.
Applicator and dispenser, Medicinal. J. F. Robinson. 2,410,460; Nov. 5.
Applicator, Base coat. H. B. Bristol. 2,400,681; May 21.
Applicator, Flexible. E. L. Barnes and H. A. Brenner.
Applicator for adhesives. F. B. Baker. 2,397,080; Mar. 26.
Applicator for ear protector. E. S. Russell. 2,393,340; Jan. 22.
Applicator, Heat and cold. M. Modlinski. 2,403,676; July 9.
Applicator, Liquid. E. L. Bloecher. 2,399,162; Apr. 30.
2,397,232; Mar. 26.
Applicator, Liquid. I. H. Daniel. 2,407,770; Sept. 17.
Applicator, Sanitary. F. Satz and M. Berns. 2,404,815; July 30.
Applicator, Tampon. C. P. Winter. 2,413,480; Dec. 31.
Applicator, Therapeutic-oscillation. N. D. Mininberg. 2,412,093; Dec. 3.
Applicator, Wax. R. C. Schmidt, Sr. 2,396,973; Mar. 19.
Applying and removing device, Jar cap. K. F. Seals. 2,406,167; Aug. 20.
Applying machine, Overcap. A. E. Almgren. 2,406,784; Sept. 3.
Applying molten metal on strip stock, Method and apparatus for. C. A. Mann. 2,405,220; Aug. 6.
Applying protective coatings. M. Salo. 2,398,042; Apr. 9.
Apron. F. Dorcey. 2,410,639; Nov. 5.
Apron feed change mechanism. V. von K. Sundt. 2,395,433; Feb. 26.
Apron, Long draft spinning. H. M. Bacon and A. L. Freedlander. 2,402,356; June 18.
Apron, Protective. S. T. Green. 2,404,225; July 16.
Aqueous alkaline reacting cleaning bath having reduced foaming characteristics. H. E. Tremain and L. R. Bacon. 2,407,589; Sept. 10.
Aqueous azeotrope former in azeotropic distillation of hydrocarbons, Recovery of. G. R. Lake. 2,411,437; Nov. 19.
Aqueous dispersions containing polyvinyl acetate and wax, Making. G. O. Morrison and H. M. Collins. 2,404,519; July 23.
Aqueous dispersions of vinyl chloride polymers, Preparation of. E. R. Burns. 2,400,808; May 21.
Aqueous solution of riboflavin. J. C. Bird and A. Kuna. 2,407,624; Sept. 17.
Arachnicides. W. P. ter Horst. 2,397,633; Apr. 2.
Aralkyl aldehydes, Producing. W. S. Emerson. 2,397,412; Mar. 26.
Aralkylated sulphamides and making same. O. Albrecht. 2,398,990; Apr. 23.
Arbor Coil supporting. J. W. Dougherty. 2,409,742; Oct. 22.
Arbor, Depth charge. W. E. Patrick, Jr. 2,398,445; Apr. 16.
Arc discharge starting device. P. L. Spencer. 2,396,294; Mar. 12.
Arc, Druin tilting. E. M. Lacey. 2,399,360; Apr. 30.
Arc extinguishing means. E. W. Landmeier. 2,393,385; Jan. 22.
Arc furnace regulator switch. J. Young. 2,402,479; June 18.
Arc welding. L. K. Stringham. 2,402,938; June 25.
Arc welding rod holder. H. W. Schottenberg and J. J. Volosin. 2,394,877; Feb. 12.
Arc welding system. C. L. Denault. 2,399,331; Apr. 30.
Arc welding system. W. E. Pakala and A. B. White. 2,399,377; Apr. 30.
Arc welding system. A. B. White. 2,399,415; Apr. 30.
Arcs, Controlling. G. W. Peters. 2,411,893; Dec. 3.
Arch for furnaces, Firing. W. G. Noack. 2,396,875; Mar. 19.
Arch hook. A. E. Hansen. 2,397,660; Apr. 2.
Arch, Laminated plywood. E. J. Kump, Jr. 2,413,145; Dec. 24.
Arch normalizer. J. T. Aydelotte. 2,413,133; Dec. 24.
Arch support. M. Margolin. 2,408,792; Oct. 8.
Arch support. C. G. Muller. 2,403,944; July 16.
Arch support. W. M. Scholl. 2,409,960; Oct. 22.
Arm and hand, Artificial. D. C. Mollenhour. 2,409,884; Oct. 22.
Arm driving mechanism. L. J. Carey. 2,412,319; Dec. 10.
Armrest, Welder's. A. F. Gerdes. 2,403,654; July 9.
Armament structure. J. H. Wilson. 2,395,310; Feb. 19.
Armature relay, Oscillatory. E. Weber. 2,413,397; Dec. 31.
Armature winder. P. A. Schnebelen. 2,409,394; Oct. 15.
Armature winding. E. I. Pollard. 2,403,118; July 2.
Armature winding mechanism. C. Arpurth. 2,394,529; Feb. 12.
Armor plate construction. M. Partiot. 2,399,691; May 7.
Armor plate structure, Laminated. W. W. Heckert. 2,399,184; Apr. 30.
Aromatic bodies, Production of. C. Weizmann. 2,397,715; Apr. 2.
Aromatic carboxylic acid amides and their manufacture. A Stoll, R. Morf, and J. Peyer. 2,401,522; June 4.
Aromatic compounds, Alkylation of. L. Schmerling. 2,393,818; Jan. 29.
Aromatic compounds, Preparation of polycyclic. C. E. Adams. 2,399,716; May 7.
Aromatic compounds, Production of. H. Pines and V. N. Ipatieff. 2,410,554; Nov. 5.
Aromatic compounds, Rubberlike wax substituted. O. M. Reiff and J. J. Giammaria. 2,402,506; June 18.
Aromatic derivatives, Production of. W. N. Axe. 2,404,120; July 16.
Aromatic hydrocarbons from hydrocarbon mixtures, Preparation of. E. A. Naragon. 2,412,828; Dec. 17.
Aromatic hydrocarbons from petroleum, Production of. E. R. Lewis and C. L. Read. 2,392,749; Jan. 8.
Aromatic hydrocarbons with normally gaseous unsaturated hydrocarbons, Reaction of. W. N. Axe. 2,412,595; Dec. 17.
Aromatic olefines, Polymerization of heat polymerizable. F. J. Soday. 2,394,407; Feb. 5.
Aromatic substituted methyl alkyl ethers as insecticides. I. Hechenbleikner. 2,411,428; Nov. 19.
Aromatics, Alkylation of. C. B. Linn and V. N. Ipatieff. 2,411,047; Nov. 12.
Aromatics, Producing. W. J. Mattox. 2,399,751; May 7.
Aromatics, Production of. M. C. K. Jones and F. W. Schumacher. 2,400,355; May 14.
Aromatics, Production of. F. W. Leffer. 2,401,649; June 4.
Aromatics, Production of. H. H. Meier. 2,400,363; May 14.
Aromatics, Production of alkyl. D. R. Carmody. 2,396,682; Mar. 19.
Aromatics, Separation of polynuclear from mononuclear. J. M. Mavity. 2,395,491; Feb. 26.
Aromatics with a ferrous chloride catalyst, Alkylation of. L. Schmerling and V. N. Ipatieff. 2,402,847; June 25.
Aromatizing sulphur-containing hydrocarbons. R. E. Burk and E. C. Hughes. 2,401,334; June 4.
Aromatizing with consumption of hydrogen. R. E. Burk and E. C. Hughes. 2,405,184; Aug. 6.
Armor. C. J. Dumais. 2,410,022; Oct. 29.
Arrangement for axial compressors, Blade. O. Zweifel. 2,406,126; Aug. 20.
Arrangement for circuit breakers, Control. M. J. Brown and W. R. Tallaferro. 2,394,039; Feb. 5.
Arrangement for circuit interrupters, Gas cooling. C. H. Titus. 2,408,352; Sept. 24.
Arrangement for controlling the power of internal-combustion engines. A. Stieglitz and B. Gartner. 2,396,618; Mar. 12.
Arrangement for determining and monitoring the duration of electrical pulses. P. K. Chatterjea, C. T. Scully, and D. M. Ambrose. 2,412,963; Dec. 24.
Arrangement for electric systems, Switching. A. R. van C. Warrington. 2,394,126; Feb. 5.
Arrangement for generating and observing electric pulses. M. M. Levy and T. W. Elliott. 2,412,966; Dec. 24.
Arrangement for locator system, Synchronizing. H. Goldberg and W. C. Thompson. 2,405,930; Aug. 13.
Arrangement for split phase motors, Starter. M. Yuhas. 2,411,405; Nov. 19.
Arrangement for the distant viewing of radioscopic images. J. Jany. 2,406,148; Aug. 20.
Arrangement in sight apparatus for dropping objects from the air. H. Hogdal and J. F. Holmgren. 2,397,354; Mar. 26.
Arrangement, Reservoir. E. P. Sexton. 2,393,425; Jan. 22.
Arrester, Engine exhaust flame. L. A. Williams, Jr. 2,401,806; June 11.
Arrester, Lightning. D. D. MacCarthy. 2,392,679; Jan. 8.
Arrester member for impulse couplings. H. Schmid and A. P. Hobush. 2,394,939; Feb. 12.

Arresting gear. C. G. Trimbach. 2,408,354; Sept. 24.
Arresting hook. C. H. Jolly. 2,404,381; July 23.
Arsenic and antimony, Preparations of. S. L. Ruskin. 2,395,069; Feb. 19.
Article assembling. C. D. Knowlton and F. R. Thresh. 2,400,153; May 14.
Article assembling apparatus. J. S. Stull. 2,393,719; Jan. 29.
Article, Coated. J. J. Brophy. 2,396,313; Mar. 12.
Article dispenser. F. M. Lightfoot. 2,394,621; Feb. 12.
Article, Electroformed. E. M. Wise and R. F. Vines. 2,397,583; Apr. 2.
Article feeding apparatus. B. Edelman and A. L. Pizzi. 2,394,599; Feb. 12.
Article feeding apparatus. F. Martindell. 2,412,278; Dec. 10.
Article feeding device. J. R. Meyerhoff. 2,404,648; July 23.
Article formed of laminated sheet material. I. L. Wilcox. 2,396,358; Mar. 12.
Article forming apparatus. E. E. Barkstrom and L. Williams. 2,405,485; Aug. 6.
Article forming apparatus. R. Jongedyk. 2,394,700; Feb. 12.
Article handling apparatus. C. E. Buchwald. 2,398,205; Apr. 9.
Article handling apparatus. J. Hekman. 2,393,682; Jan. 29.
Article handling apparatus. D. H. Mitchell. 2,394,030; Feb. 12.
Article handling apparatus. G. C. Monaco. 2,404,882; July 30.
Article handling apparatus. J. T. Muller. 2,394,467; Feb. 5.
Article handling apparatus. E. Rolker. 2,404,460; July 23.
Article handling device. C. N. Hay. 2,399,547; Apr. 30.
Article lifter. R. and W. Wrobbel. 2,393,946; Jan. 29.
Article made of fibrous material. J. B. Brennan. 2,408,038; Sept. 24.
Article of footwear. H. L. Sutcliffe. 2,395,767; Feb. 26.
Article of manufacture. H. C. Court. 2,392,024; Jan. 1.
Article or luggage carrier. C. E. Reeves. 2,397,433; Mar. 26.
Article-positioning mechanism. M. E. Fernald. 2,404,480; July 23.
Article, Smoker's. J. R. Schultz. 2,397,294; Mar. 26.
Article transfer mechanism. E. H. Bennett. 2,408,599; Oct. 1.
Article transferring mechanism. A. J. Lippold. 2,393,380; Jan. 22.
Article, Working an. C. C. McCain. 2,401,362; June 4.
Article working apparatus. C. C. McCain. 2,398,906; Apr. 23.
Articles, especially antifriction bearing parts, Inspection of. T. A. Olson and J. Klopak. 2,393,705; Jan. 29.
Articles for use at high temperatures. M. Fleischmann. 2,398,702; Apr. 16.
Articles, Forging pointed. E. Gaspar. 2,393,155; Jan. 15.
Articles from fibrous material, Making. J. F. Reeves. 2,398,326; Apr. 9.
Articles from fibrous material, Manufacturing. B. Jablonsky. 2,407,833; Sept. 17.
Articles in electrolytic treatment, Handling small. C. T. Elwin. 2,407,145; Sept. 3.
Articles on conveyors, Accurately spacing. H. H. Rapley. 2,397,044; Mar. 19.
Articles, Producing strain-free thermoplastic. H. L. Cox. 2,397,471; Apr. 2.
Artificial eyes, Making. S. O. Noles. 2,394,400; Feb. 5.
Artificial fibers with dyestuffs of the gallocyanine class, Producing fast dyeings on. G. de Niederhäusern. 2,411,240; Nov. 19.
Artificial horizon. D. L. Wood. 2,413,399; Dec. 31.
Artificial landscape. C. M. Jones. 2,413,633; Dec. 31.
Artificial limb. L. G. Caron. 2,393,142; Jan. 15.
Artificial limb and brace. G. A. Hinkle. 2,395,120; Feb. 19.
Artificial products, Manufacture of. R. R. Sitzler and J. E. Bludworth. 2,394,212; Feb. 5.
Artificial teeth and other molded articles, Manufacture of. P. W. Lee. 2,392,929; Jan. 15.
Artificial tooth structures, Production of. J. G. Day. 2,412,207; Dec. 10.
Artificial wool imitation filaments and artificial wool filaments, Making. H-H. E. Von K. Z. Kornegg. 2,403,437; July 9.
Arylacetonitrile derivatives and their manufacture. F. Bergel, N. C. Hindley, A. L. Morrison, and H. Rinderknecht. 2,398,575; Apr. 16.
Aryl alkyl amino alkanes and compositions thereof. G. J. Van Zoeren. 2,410,469; Nov. 5.
Arylamine salts of anthraquinone sulphonic acids as printing aids. R. H. Klenle and C. A. Amick. 2,405,151; Aug. 6.
Aryl-dicyandiamide production. W. Broadbent and F. L. Rose. 2,409,832; Oct. 22.
Aryl methyl ketones, Producing. W. S. Emerson. 2,394,674; Feb. 12.
Aryl sulphenamides, Manufacture of. R. A. Coleman. 2,404,695; July 23.
Aryl sulphides and products resulting, Hydrogenation of. F. K. Signaigo. 2,402,686; June 25.
Aryl thiols, Production of. W. A. Lazier and F. K. Signaigo. 2,402,641; June 25.
Arylides of aromatic ortho-hydroxy carboxylic acids, Preparation of. R. H. Weiss and A. C. Wintringham. 2,410,397; Oct. 29.
Asbestos to wire, Method and apparatus for applying. K. A. Falconer. 2,410,815; Nov. 12.
Ascorbates, Stabilized metal. S. L. Ruskin. 2,400,171; May 14.
Ash receiver. A. Michyeta. 2,410,606; Nov. 5.
Ash receiver and sifter. E. L. Persons. 2,404,593; July 23.
Ash remover. W. A. Riddell. 2,393,412; Jan. 22.
Ash tray. C. F. Hines. 2,404,174; July 16.
Ash tray. A. G. Wheler. 2,397,394; Mar. 26.
Asphalt and asphalt coated roofing compositions, Filled. P. L. Mark. 2,400,563; May 21.
Asphalt preparation. K. H. Rudd. 2,392,863; Jan. 15.
Asphaltic compound. A. G. Fewsmith. 2,392,813; Jan. 15.
Assembling apparatus. G. E. Berggren, E. Bertalan, and A. Logan. 2,404,782; July 30.
Assembling apparatus. S. G. Johansson. 2,393,780; Jan. 29.
Assembling apparatus. J. T. Muller. 2,401,176; May 28.
Assembling apparatus, Article. E. Sirp. 2,404,197; July 16.
Assembling apparatus, Article. G. Stuhlfauth. 2,394,881; Feb. 12.
Assembling articles, Method and machine for. J. E. Underwood. 2,405,074; July 30.
Assembling machine, Can end. J. F. Peters. 2,399,250; Apr. 30.
Assembling machine, Partition. A. F. Shields. 2,392,005; Jan. 1.
Assembly, Control quadrant. P. C. Korodi and W. P. McKinnie. 2,401,741; June 11.
Assembly, Explosive. R. L. Hill. 2,401,641; June 4.
Assembly for aircraft, Shield. W. H. Hunter. 2,399,186; Apr. 30.
Assembly for vehicle wheels, Spring. J. C. Junkin. 2,401,568; June 4.
Assembly, Valve. T. L. Fawick. 2,401,061; May 28.
Assorting apparatus, Article. R. A. Spraker. 2,402,097; June 11.
Astronomical device. J. E. Crouch. 2,412,130; Dec. 3.
Asymmetrical ditertiary peroxides. F. F. Rust, F. H. Dickey, and E. R. Bell. 2,403,758; July 9.
Atomic structure of materials, Ascertaining the. P. C. Smith. 2,408,487; Oct. 1.
Atomizer. H. E. Curry. 2,406,997; Sept. 3.
Atomizer. F. O. Killorin and D. L. Spender. 2,398,533; Apr. 16.
Atomizer. A. Limbach. 2,392,600; Jan. 8.
Atomizer. J. B. Schmitt and A. J. Attinger. 2,398,467; Apr. 16.
Atmosphere control, Furnace. N. J. Urquhart. 2,408,114; Sept. 24.
Attaching device, Implement. W. C. Rosenthal and C. A. Hubert. 2,409,516; Oct. 15.
Attaching device, Propeller spinner. A. C. Chester. 2,394,749; Feb. 12.
Attaching means for globe valves, Stem. A. J. Weatherhead, Jr. 2,405,476; Aug. 6.
Attachment for audio receivers. B. A. Alger. 2,408,720; Oct. 8.
Attachment for bedsteads, Crib. A. S. Waters. 2,406,447; Aug. 27.
Attachment for binoculars, Variable density filter. C. J. Glasser. 2,408,772; Oct. 8.
Attachment for boots and overshoes, Vacuum relieving. R. E. Marks. 2,402,334; June 18.
Attachment for coat hangers. R. R. Ward. 2,398,873; Apr. 23.
Attachment for cranes, Stabilizer. J. E. Davenport and L. J. Quinn. 2,408,378; Oct. 1.
Attachment for crawler tractors, Bulldozer grading. W. S. Taylor. 2,402,352; June 18.
Attachment for drill presses or the like. J. L. Reppa. 2,409,706; Oct. 22.
Attachment for fishhooks, Weedless. J. S. Engel. 2,402,320; June 18.
Attachment for fishing lines. D. P. Mercier. 2,397,030; Mar. 19.
Attachment for front wheels, Jacking. C. F. Carter. 2,413,289; Dec. 31.
Attachment for goggles and the like, Visor. C. A. Baratelli, C. W. Cochran, R. N. Dockum, and J. E. Guernsey. 2,393,955; Feb. 5.
Attachment for grinding machines. A. W. Keema. 2,407,835; Sept. 17.
Attachment for hammers, Adz. L. M. Van Slyke. 2,406,116; Aug. 20.
Attachment for hoes, Cutting. C. T. Willson. 2,403,893; July 9.
Attachment for ice skates, Walking-tread. E. J. Carlson. 2,395,394; Feb. 26.
Attachment for lathes. J. Pigott and N. B. Opheim. 2,408,876; Oct. 8.

Attachment for lathes and the like. L. G. Hill. 2,394,175; Feb. 5.
Attachment for loading and transporting materials, Tractor. G. W. Baldwin. 2,393,877; Jan. 29.
Attachment for looms, Metal type stop motion. J. F. Koskela. 2,409,766; Oct. 22.
Attachment for neon tubes, Light amplifying. A. A. Goldberg. 2,404,627; July 23.
Attachment for photographic cameras, Masking. C. H. Duffy. 2,404,366; July 23.
Attachment for rear wheels, Jacking. C. F. Carter. 2,413,290; Dec. 31.
Attachment for scales, Machine guide. S. W. Nedela. 2,402,654; June 25.
Attachment for screw drivers, Screw holding. C. Nygaard. 2,399,134; Apr. 23.
Attachment for sewing machines, Appliqué. H. R. Prall. 2,394,878; Feb. 12.
Attachment for sewing machines, Buttonhole. J. Hickey. 2,405,253; Aug. 6.
Attachment for sharpening razor blades, Holder. P. C. Rhegas. 2,392,264; Jan. 1.
Attachment for steel tapes. A. G. Peterson. 2,396,877; Mar. 19.
Attachment for straight edges. J. F. and D. M. Dohrwardt. 2,411,529; Nov. 26.
Attachment for toilets. J. B. Haley. 2,407,005; Sept. 3.
Attachment for toothbrushes. H. Singer. 2,394,640; Feb. 12.
Attachment for tractors. G. E. Cutrer. 2,392,027; Jan. 1.
Attachment for tractors, Crane. F. P. Lawler. 2,393,916; Jan. 29.
Attachment for tractors, Dump scoop. F. B. Arps. 2,398,991; Apr. 23.
Attachment for tractors, Harrow. W. P. Schenkelberg. 2,413,657; Dec. 31.
Attachment for tractors, Hitch. D. Currie. 2,392,903; Jan. 15.
Attachment for tractors, Loading. B. F. and F. B. Arps. 2,391,857; Jan. 1.
Attachment for tractors, Loading. A. F. Holdeman and H. M. Unruh. 2,397,487; Apr. 2.
Attachment for tractors, Seeder. F. C. Klein. 2,400,646; May 21.
Attachment for twist drills, Grinding. C. H. Bowman. 2,394,839; Feb. 12.
Attachment for typewriter machines, Severing. L. C. Antrim and F. Schultz. 2,399,154; Apr. 23.
Attachment for vehicle clutch pedals. E. J. Snider. 2,399,150; Apr. 23.
Attachment insert. W. M. Kohring. 2,400,647; May 21.
Attachment, Spotting board. G. C. Shoop and E. L. Tripp. 2,399,576; Apr. 30.
Attachment, Steering wheel. W. H. Snow. 2,399,580; Apr. 30.
Attenuator and divider circuits, High-frequency. R. G. Clapp. 2,409,474; Oct. 15.
Attenuator for ultra high frequency systems. H. R. Meahl. 2,412,055; Dec. 3.
Attenuator, Ultra high frequency. E. L. Ginzton. 2,407,297; Sept. 10.
Audience demand meter. J. T. Potter. 2,397,562; Apr. 2.
Audio reactor. M. Sander. 2,411,810; Nov. 26.
Audiphone, Bone conduction. W. A. Zarth. 2,402,480; June 18.
Audiphone, Bone construction. H. Koch. 2,405,433; Aug. 6.
Auger, Earth. J. C. Jaques. 2,411,627; Nov. 26.
Auger, Ice. N. M. Berlin. 2,393,282; Jan. 22.
Auger, Power driven earth. L. E. Beck. 2,400,478; May 21.
Augmenter, Exhaust thrust. J. G. Lee. 2,401,941; June 11.
Austenitic chromium-nickle-iron alloy. H. M. German. 2,408,771; Oct. 8.
Auto changer. W. G. Schinske. 2,410,527; Nov. 5.
Auto mirror bracket. H. Golden. 2,411,421; Nov. 1.
Autostop, Air operated. S. M. Nampa. 2,403,014; July 2.
Automatic aligning and locking toolholder. T. R. Jones. 2,399,808; May 7.
Automatic antibackflow valve. L. L. Snyder. 2,392,782; Jan. 8.
Automatic boiler control system. H. Ziebolz, J. D. McCracken, and D. T. Gundersen. 2,392,300; Jan. 1.
Automatic brake. C. L. Morris. 2,396,743; Mar. 19.
Automatic brake adjuster. L. E. Thibeault. 2,392,956; Jan. 15.
Automatic charging means for machine guns. A. I. Ostlund and J. C. Christian, Jr. 2,413,416; Dec. 31.
Automatic clutch. G. Antos and E. Weber. 2,405,545; Aug. 13.
Automatic clutch. W. V. Thelander. 2,406,049; Aug. 20.
Automatic control. C. F. Kettering. 2,407,555; Sept. 10.
Automatic controlling means for aircraft. G. N. Hanson, P. Halpert, and C. A. Frische. 2,392,381; Jan. 8.
Automatic counter reverse mechanism. H. T. Avery. 2,393,019; Jan. 15.
Automatic counter reverse mechanism. R. E. Boyden. 2,393,018; Jan. 15.
Automatic cutoff pump. B. N. Ashton. 2,405,006; July 30.
Automatic cutout for neon sign or like circuits. R. J. Leverte. 2,413,327; Dec. 31.
Automatic gutter. J. R. McLaughlin. 2,407,316; Sept. 10.
Automatic dilution system control valve. L. T. Miller. 2,408,266; Sept. 24.
Automatic direction indicator. F. W. Nilson. 2,407,934; Sept. 17.
Automatic drainage device. C. G. Boone. 2,413,430; Dec. 31.
Automatic drill press feeder. W. W. Heckethorn. 2,394,769; Feb. 12.
Automatic electric switch. G. L. McGowan. 2,402,336; June 18.
Automatic electric toaster compensator for variable voltage current supply. J. R. Gomersall and M. Ireland. 2,412,727; Dec. 17.
Automatic engine cut-off. C. R. Guinn. 2,400,303; May 14.
Automatic facsimile telegraph system. G. H. Ridings. 2,396,286; Mar. 12.
Automatic following system. R. E. Graham. 2,403,975; July 16.
Automatic frequency control. O. E. Dow. 2,404,568; July 23.
Automatic frequency control circuit. E. F. McClain, Jr. 2,403,011; July 2.
Automatic gain control circuit. J. A. Rajchman and E. A. Goldberg. 2,412,423; Dec. 10.
Automatic gain control circuit. B. S. Vilkomerson. 2,395,770; Feb. 26.
Automatic gas pressure relief bottle cap. O. N. Leutz. 2,411,216; Nov. 19.
Automatic gravity safety switch. L. C. Holman. 2,399,350; Apr. 30.
Automatic gun charger. G. W. Pontius, III, and A. P. Wilson. 2,413,112–13; Dec. 24.
Automatic hook. G. R. Dempster. 2,404,830; July 30.
Automatic hydraulic brake. C. A. Green and E. M. Seifert. 2,410,440; Nov. 5.
Automatic hydraulic clutch. J. L. Landrum. 2,406,612; Aug. 27.
Automatic indexing mechanism. J. B. Armitage and T. F. Eserkain. 2,392,964; Jan. 15.
Automatic letoff control. Y. H. Kurkjian. 2,396,377; Mar. 12.
Automatic liquid vendor. J. M. Alexander. 2,394,528; Feb. 12.
Automatic loading device. F. L. A. Turner. 2,393,432; Jan. 22.
Automatic lock. A. J. Leonard. 2,412,779; Dec. 17.
Automatic lock gate. C. Arne. Re. 22,745; Apr. 23.
Automatic means responsive to quantity of material in discharging receiver for controlling delivery from source. J. L. Michel. 2,408,221; Sept. 24.
Automatic overhead door. E. N. Rosenberg. 2,402,295; June 18.
Automatic parachute release coupling. J. M. Porter. 2,400,165; May 14.
Automatic pattern controlled machine tool. H. P. Kuehni and N. G. Branson. 2,410,295; Oct. 29.
Automatic pilot directional turn indicator. B. G. Carlson. 2,413,214; Dec. 24.
Automatic positioning and welding. G. H. Rendel. 2,412,648; Dec. 17.
Automatic pressure and temperature control means, Cabin supercharging means having. D. F. Warner and E. L. Joyce. 2,412,071; Dec. 3.
Automatic reclosing circuit breaker. W. D. Kyle, Jr., and C. Schindler. 2,392,483; Jan. 8.
Automatic record changer for phonograph. H. V. Alexandersson. 2,392,111; Jan. 1.
Automatic registering device, Self-serve. M. Rifkin. 2,408,581; Oct. 1.
Automatic regulating system. R. V. Howard. 2,392,384; Jan. 8.
Automatic scale. J. L. Christmann. 2,394,593; Feb. 12.
Automatic scraper for disk harrow. M. F. Seal. 2,413,246; Dec. 24.
Automatic self-compensating magnetic compass system. W. G. White. 2,393,670; Jan. 29.
Automatic spark plug cleaner. C. A. Lozensky. 2,397,359; Mar. 26.
Automatic stoker. E. C. Schneider. 2,393,422; Jan. 22.
Automatic stokers, Fuel-supply control for. C. E. Shaffer. 2,400,141; May 14.
Automatic switch. A. W. Vincent. 2,399,962; May 7.
Automatic telephone dialer. T. W. MacKenzie. 2,391,911; Jan. 1.
Automatic tension device. H. F. Childers. 2,396,492; Mar. 12.
Automatic tool block. S. L. Casella and M. G. Himof. 2,392,228; Jan. 1.
Automatic transmission. R. C. Russell. 2,392,950; Jan. 15.
Automatic transmission apparatus and control. O. H. Banker. 2,394,580; Feb. 12.
Automatic type form cabinet. A. W. Cochran. 2,395,961; Mar. 5.
Automatic unidirectional gear. A. A. Mettert. 2,395,636; Feb. 26.
Automatic valve. T. A. Cohen. 2,402,732; June 25.
Automatic valve. E. J. Dillman. 2,409,112; Oct. 8.

Automatic valve. E. B. Tidd. 2,397,706; Apr. 2.
Automatic variable pump. M. M. Culver. 2,399,990; May 7.
Automotive vehicle. F. A. Watson. 2,410,557; Nov. 5.
Automatic volume control. M. Cawein. 2,400,073; May 14.
Automatic volume control. H. M. Stearns. 2,408,821; Oct. 8.
Automatic volume control circuit. W. J. Poch. 2,402,445; June 18.
Automatic wear compensating ball-and-socket joint. P. B. Burhans. 2,401,814; June 11.
Automatic weighing device. A. Pipping. 2,394,476; Feb. 5.
Automatic weighing scale. B. Cooper. 2,392,023; Jan. 1.
Automatic winch control. K. Mahnke. 2,393,048; Jan. 15.
Automatic work-adjusting C clamp. A. A. Wasilewski. 2,399,714; May 7.
Automatically adjustable wire rope die. W. D. Wiser. 2,413,595; Dec. 31.
Automatically fed furnace. H. W. and A. F. Sanford. 2,393,710; Jan. 29.
Automatically locked fiberboard shipping box. J. G. Huye. 2,412,402; Dec. 10.
Automatically performing welting operations. G. Bitzer. 2,413,801; Dec. 31.
Automatically retractible landing gear. A. R. Parilla. 2,401,097; May 28.
Automobile. G. Ebrenberg. 2,393,623; Jan. 29.
Automobile door lock. C. O. Larson. 2,397,671; Apr. 2.
Automobile jack. C. C. Craig. 2,408,376; Oct. 1.
Automobile jack. J. M. Turner. 2,396,063; Mar. 5.
Automobile luggage carrier. J. C. A. Cameron. 2,409,103; Oct. 8.
Automobile, Water. J. W. Quinn. 2,399,141; Apr. 23.
Automobile wheel clamp. R. A. Vogt. 2,409,602; Oct. 15.
Automotive brake. W. S. Sacher. 2,400,468; May 14.
Automotive gas tank cover switch. O. E. Olson. 2,407,439; Sept. 10.
Automotive vehicle. J. F. Joy. 2,393,324; Jan. 22.
Auxiliary air heater. G. P. Jackson and W. S. Patterson. 2,396,102; Mar. 5.
Auxiliary gasoline container. R. D. Mayo. 2,405,442; Aug. 6.
Auxiliary jaw electrode holder. E. H. Cushman. 2,402,535; June 25.
Auxiliary wheel and tire carrier. K. C. Clark. 2,399,207; Apr. 30.
Aviation gasoline from normally gaseous hydrocarbons, Preparation of. P. Miller. 2,398,908; Apr. 23.
Awning. D. G. Adelsperger. 2,394,736; Feb. 12.
Awning. W. S. Elliot. 2,395,177; Feb. 19.
Awning. H. Mashmeyer. 2,407,026; Sept. 3.
Awning. W. I. Smith. 2,396,026; Mar. 5.
Awning, Adjustable blind. H. L. Johnson. 2,404,178; July 16.
Axle. G. Spatta. 2,410,133; Oct. 29.
Axle, Drive. B. Griffith. 2,408,926; Oct. 8.
Axle for motor vehicles, Driving. F. B. McClure. 2,408,264; Sept. 24.
Axle, Roller-bearing. T. V. Buckwalter. 2,397,647; Apr. 2.
Azeotropic distillation of aliphatic hydrocarbons having the formulas C_nH_{2n} and C_nH_{2n-2} from hydrocarbon mixtures comprising same. H. S. Nutting and L. H. Horsley. 2,408,947; Oct. 8.
Azeotropic distillation of methanol from admixture with acrylic esters. C. E. Rehberg. 2,406,561; Aug. 27.
Azeotropic styrene distillation. W. J. Bloomer. 2,398,689; Apr. 16.
Azo compounds. J. B. Dickey and J. G. McNally. 2,397,927; Apr. 9.
Azo derivatives of amino diphonylamines. R. P. Parker and J. J. Denton. 2,392,180; Jan. 1.
Azo-dyestuffs. F. Felix and A. Heckendorn. 2,398,367; Apr. 16.
Azo dyestuffs. R. S. Long. 2,392,167; Jan. 1.
Azo dyestuffs. R. P. Parker and J. J. Denton. 2,394,258; Feb. 5.
Azo dyestuffs containing an N-morpholino-arylide group, Water insoluble. H. W. Grimmel and A. Guenther. 2,408,421; Oct. 1.
Azo dyestuffs, Heterocyclic stilbene. M. Schmid and E. Moser. 2,399,066; Apr. 23.
Azo dyestuffs of the pyrazolone series. E. Moser. 2,399,447; Apr. 30.
Azomethines. H. A. Bruson and T. W. Riener. 2,394,530; Feb. 12.
Baby carriage. F. D. Wood. 2,409,331; Oct. 15.
Baby chair. L. Gottfried. 2,409,622; Oct. 22.
Baby's heat-retaining nursing bottle holder. L. A. Lockwood. 2,399,647; May 7.
Backing pad for abrasive disks. W. Stever. 2,408,163; Oct. 8.
Backwater valve. S. Olson. 2,409,582; Oct. 15.
Bacon hanger. S. M. Tominello. 2,412,233; Dec. 10.
Bacteria, Disinfection and destruction of. R. Müller. 2,394,325; Feb. 5.
Bacterial processes. J. L. Stokes. 2,406,174; Aug. 20.
Bacteriological treatment of fluid-bearing earth formations. C. E. Zobell. 2,413,278; Dec. 24.
Badge, Campaign. J. B. Palmer. 2,408,224; Sept. 24.
Badge, Identification. E. H. Land. 2,397,272; Mar. 26.
Bag; Nee—
Burial bag. Paper bag.
Combined hand and shopping bag. Reversible bobbin receiving bag.
Garment bag. Tripod golf bag.
Hot-water bag. Valved bag.
Ordnance powder bag.
Bag. C. V. Brady. 2,392,221; Jan. 1.
Bag. C. V. Brady. 2,406,660; Aug. 27.
Bag and making same. H. A. Rohdin. 2,401,110; May 28.
Bag and making same, Double-ended. H. A. Rohdin. 2,401,109; May 28.
Bag cleaning machine. L. Burwick and J. J. Springer. 2,398,356; Apr. 16.
Bag filling device. E. W. Vredenburg. 2,392,204; Jan. 1.
Bag filling, weighing, and discharging apparatus, Valve. W. R. Peterson. 2,408,225; Sept. 24.
Bag for cycles, Double luggage. S. Glass. 2,405,744; Aug. 13.
Bag for garbage and the like. J. M. Shapiro. 2,394,335; Feb. 5.
Bag having a burlap sampling zone, Paper. P. A. Frixione. 2,410,282; Oct. 29.
Bag, Infusion. L. B. Eaton. 2,406,137; Aug. 20.
Bag manufacture. C. E. Gardner. 2,412,501; Dec. 10.
Bag structure and manufacture. C. V. Brady and R. J. Williams. 2,409,100; Oct. 8.
Bag supporting device. L. B. Eaton. 2,394,901; Feb. 12.
Bag tube ends, Closing. W. J. Geimer and F. R. Linda. 2,409,621; Oct. 22.
Bag with insoluble automatic fold closing. A. Rambold. 2,409,314; Oct. 15.
Bags, Making fluid-tight. H. F. Waters. 2,392,206; Jan. 1.
Bailer and dump, Combined. W. W. Alkire. 2,399,844; May 7.
Bailer, Dumping. G. L. Matson. 2,398,752; Apr. 16.
Bailout interlock connection. W. J. Jacobsson, J. A. Hoffman, and S. R. Oldham. 2,397,265; Mar. 26.
Bait, Collapsible artificial. A. J. Lauby. 2,392,677; Jan. 8.
Baking batters. R. L. Lloyd and B. F. Buchanan. 2,394,791; Feb. 12.
Balance. J. Kistinger. 2,401,487; June 4.
Balance, Sash. A. Viehweger. 2,398,456; Apr. 16.
Balance, Sedimentation. N. Obenshain and W. M. Welton. 2,397,038; Mar. 19.
Balance unit and a basic posture balance process. C. O. Garber. 2,398,218; Apr. 9.
Balance wheel. M. Maistre. 2,411,444; Nov. 19.
Balanced hydraulic clutch. R. Chilton. 2,399,853; May 7.
Balanced modulator system. H. Toomim. 2,399,586; Apr. 30.
Balanced pressure switch. R. L. Williams. 2,412,377; Dec. 10.
Balancing machine. T. C. Van Degrift. 2,405,474; Aug. 6.
Balancing, Method and apparatus for. A. L. M. A. Rouy. 2,399,255; Apr. 30.
Baler. D. Johnston. 2,400,555; May 21.
Baler. S. D. Russell. 2,411,467; Nov. 19.
Baler, Hay. W. J. Jutte. 2,402,250; June 18.
Baler, Hydraulically controlled. E. B. Nolt. 2,396,720; Mar. 19.
Baler, Rotary. P. H. Harrer and C. H. Roth. 2,410,159; Oct. 29.
Baling means. S. D. Russell. 2,413,522; Dec. 31.
Baling method. A. N. Weeks. 2,402,476; June 18.
Balking ring clutch. C. D. Peterson and A. H. Delmel. 2,392,762; Jan. 8.
Balking ring clutch. C. D. Peterson and A. H. Delmel. 2,394,098; Feb. 5.
Ball bearing. G. H. Thurston. 2,396,623; Mar. 12.
Ball, Bowling. R. R. Dietz and H. Reitsma. 2,393,026; Jan. 15.
Ball, Bowling. J. G. Hubbard. 2,393,908; Jan. 29.
Ball forming mill. D. E. Wells. 2,409,649; Oct. 22.
Ball game, Bounce. L. Z. Plebanek. 2,404,652; July 23.
Ball-winding machine. J. R. Gammeter. 2,408,552; Oct. 1.
Ballast block. C. C. Ahles. 2,409,094; Oct. 8.
Balloon, Kite. D. C. Jalbert. 2,398,744–5; Apr. 16.
Balloon sealing device. A. E. Windsor. 2,396,906; Mar. 19.
Balloon, Signal. A. Y. Leslie. 2,395,006; Feb. 19.
Balloon valve. L. W. Isom and E. E. Habib. 2,403,801; July 9.
Balloons, Making. J. A. Hagen, E. L. Gregor, and L. Prendergast. 2,409,486; Oct. 15.
Balls, Molding. C. V. Firth. 2,411,873; Dec. 3.
Balsa slices, Producing. D. Newmark and W. Kramer. 2,409,785; Oct. 22.
Band and protector, Wrist watch. C. J. Watkins. 2,408,244; Sept. 24.
Band for armatures. C. Lynn. 2,397,187; Mar. 26.
Band for exhaust manifold systems, Joint. R. I. Markey. 2,409,576; Oct. 15.
Band for ples and the like, Cover holding. W. Ehrlich. 2,404,776; July 30.

Band, Flexible. A. Blumstein. 2,392,115; Jan. 1.
Band pass wave filter. W. E. Bradley. 2,404,270; July 16.
Band-ply applying device. N. T. Bruber. 2,393,506; Jan. 22.
Band, Vibrating headphone. L. Thompson. 2,395,356; Feb. 19.
Bandage, Cheese. R. C. Whitman. 2,396,905; Mar. 19.
Bandage, Finger. R. Beckerman. 2,407,735; Sept. 17.
Bandage machine, Plaster. J. R. Pava. 2,408,577; Oct. 1.
Bandage, Plaster. J. F. Ryan. 2,402,779; June 25.
Banding machine. C. T. Walter and L. R. Newton. 2,406,724; Oct. 22.
Banding machine. E. R. Workman. 2,409,652; Oct. 22.
Banding means. R. G. Krasberg. 2,409,128; Oct. 8.
Bands, Making composite. N. M. Campbell. 2,403,786; July 9.
Bank, Coin register. J. D. Stirlss. 2,392,424; Jan. 8.
Bank control, Automatic. B. G. Carlson. 2,405,015; July 30.
Bank protector. G. W. Young. 2,409,007; Oct. 8.
Bank, Savings. P. E. Allen. 2,393,729; Jan. 29.
Bank, Selector terminal. G. Deakin. 2,406,002; Aug. 20.
Bar; See—
Aligning bar.
Boring bar.
Carriage chuck and boring bar.
Grate bearer bar.
Rolled tooth bar.
Service ribbon bar.
Sine bar.
Skip bar.
Spacer bar.
Spring bar.
Vehicle draw bar.
Bar and making the same, Reinforcement. J. D. Stites. 2,405,274; Aug. 6.
Bar construction, Electric bus. L. W. Cole and H. Jensen. 2,400,223; May 14.
Bar for carbon carriers. W. E. Oliver. 2,393,555; Jan. 22.
Bar for coke ovens or the like, Leveling. R. K. Millard. 2,399,281; Apr. 30.
Bar grizzly, Vibrating. W. M. Kranz and R. M. Murray. 2,396,954; Mar. 19.
Bar or taller for gill-drawing machines, Gill. W. Holdsworth. 2,409,565; Oct. 15.
Bar or the like, Collapsible. J. A. English. 2,411,620; Nov. 26.
Barrack, Dismountable. E. Beaud. 2,412,242; Dec. 10.
Barrel, Pressure core. B. W. Sewell. 2,412,915; Dec. 17.
Barrier, Fuel. A. Hershberger. 2,412,148; Dec. 3.
Bar-swaging machine, Power-driven. A. P. Newall. 2,410,742; Nov. 5.
Bar system, Bus. E. T. Carlson. 2,411,128; Nov. 12.
Bars and welt rods in flat knitting machines, Mechanism for setting up. F. M. Wachtler and D. G. Trutner. 2,401,531; June 4.
Bars, Drive for threaded. L. C. Hardsocg. 2,401,757; June 11.
Bars, Rolling metal. G. L. Fisk. 2,400,690; May 21.
Barbecue machine. V. E. Brunamonti. 2,399,163; Apr. 30.
Barbituric compounds. S. M. McElvain and H. Burkett. 2,394,195; Feb. 5.
Barge, Gasoline. J. D. Rauch. 2,397,155; Mar. 26.
Barge, Nonrigid. W. E. Scott. 2,391,926; Jan. 1.
Barium bromate impression material. H. van B. Joy. 2,397,143; Mar. 26.
Barium chromate pigments and preparing the same: J. D. Todd. 2,400,272; May 14.
Barium salts of cyclic-aliphatic ether alcohols, Preparation of. J. R. Morris. 2,411,586; Nov. 26.
Barker, Log. J. Ockfen. 2,401,500; June 4.
Barometric fuel valve. D. F. Warner. 2,408,836; Oct. 8.
Barrel, Side wall core. E. B. Williams, Jr. 2,401,893; June 11.
Barrel storage rack. W. F. Zabriskie. 2,406,937; Sept. 3.
Barrel, Tumbling. L. R. Davidson. 2,393,615; Jan. 29.
Barrel, Tumbling. G. B. Hogaboom. 2,394,456; Feb. 5.
Barrels, Forming firearm. G. A. Woody. 2,413,022; Dec. 24.
Barricade traversing device for motor vehicles. R. B. Robeck. 2,393,655; Jan. 29.
Barrier, Yielding. E. D. Sawyer. 2,397,330; Mar. 26.
Base and harbor, Floating naval. F. N. Nelson. 2,408,871; Oct. 8.
Base and socket, Lamp. A. B. Oday. 2,403,114; July 2.
Base construction for a mast and derrick. W. C. Scrivener and A. G. Brewer. 2,413,658; Dec. 31.
Base, Flying boat. A. Gouge. 2,399,483; Apr. 30.
Base for electric lamps and similar devices. E. B. Noel. 2,401,228; May 28.
Base for electric lamps or similar articles. A. Greiner. 2,392,941; Jan. 8.
Base for electric lamps or similar devices. I. H. Van Horn. 2,406,271; Aug. 20.
Base for machinery and the like, Skid. A. R. Maier. 2,395,415; Feb. 26.
Base for milling machines, Machine. W. Melin. 2,398,240; Apr. 9.
Base, Lamp. H. K. Richardson. 2,407,998; Sept. 24.
Base, Lamp. R. R. Thomas. 2,392,785; Jan. 8.
Base, Receptacle. W. J. Gleisner. 2,404,485; July 23.
Base, Standard molding. I. T. Quarnstrom. 2,398,893; Apr. 23.
Baseball base. J. P. Corbett. 2,405,492; Aug. 6.
Basin for blast furnace cinder runners, Settling. H. F. Dobscha. 2,409,741; Oct. 22.
Basket. L. L. Mitchell. 2,407,507; Sept. 10.
Basket, Cement. J. E. Hall. 2,392,145; Jan. 1.
Basket, Foldable bottle. A. E. Struensee. 2,398,166; Apr. 9.
Basket handle. D. A. Larkin. 2,405,310; Aug. 6.
Basket, Trundle. C. H. Norton. 2,409,786; Oct. 22.
Bassinet. J. W. Boren. 2,401,605; June 4.
Basting device, Automatic. J. J. Getgey and C. H. Krueg. 2,400,405; May 14.
Bat, Baseball. S. Janis. 2,394,184; Feb. 5.
Bat, Insulating. J. H. Nootens. 2,409,951; Oct. 22.
Batch distillation. G. T. Atkins, Jr. 2,405,393; Aug. 6.
Bath for ferrous metals, Pickling. A. D. Johnson. 2,406,379; Aug. 27.
Bath for heat treatment and rectifier therefor, Salt. A. F. Holden and H. Solakian. 2,394,777; Feb. 12.
Bathroom unit. R. Evans. 2,396,992; Mar. 19.
Baths combined or associated with lavatory basins. P. Nuckey and R. J. Scott. 2,395,752; Feb. 26.
Baths, Heat-treatment. A. F. Holden. 2,400,511; May 21.
Bathtub. L. A. Falco. 2,407,738; Sept. 17.
Bathtub. H. Gruen. 2,396,845; Mar. 19.
Bathythermograph and sea sampler. A. F. Spilhaus. 2,396,724; Mar. 19.
Batteries, Filling and venting structure for storage. J. L. Woodbridge. 2,401,448; June 4.
Battery. D. L. Harford. 2,405,034; July 30.
Battery. F. A. Keller. 2,411,272; Nov. 19.
Battery cable. J. Taylor. 2,399,836; May 7.
Battery charging and voltage regulating system. K. Mullerheim. 2,398,845; Apr. 23.
Battery charging system. C. T. Corning. 2,395,038; Feb. 19.
Battery, Dry. M. Lang and H. R. Dam. 2,410,826; Nov. 12.
Battery, Electric storage. F. Schneider. 2,394,333; Feb. 5.
Battery handle connector lock. J. B. Hart. 2,400,351; May 14.
Battery holder. R. C. Casanov. 2,397,469; Apr. 2.
Battery lead, Salvaging. H. A. Alpert. 2,398,275; Apr. 9.
Battery overcharge protector. J. A. Taylor and M. A. Knight. 2,402,695; June 25.
Battery pack. H. C. Rose. 2,396,534; Mar. 12.
Battery, Regenerative coke oven. F. Wethly. 2,407,356; Sept. 10.
Battery removing tool. G. E. Falk. 2,395,998; Mar. 5.
Battery servicing. J. J. Williams. 2,412,982; Dec. 17.
Battery, Storage. J. Anderson. 2,395,652; Feb. 26.
Battery, Storage. W. W. Smith. 2,409,964; Oct. 22.
Batting, Composite. H. B. Riehl. 2,398,159; Apr. 9.
Batting, Making resilient. C. M. Clevenger and L. B. Steele, Jr. 2,402,532; June 25.
Beaching gear. O. E. Tormolian, Jr. 2,392,786; Jan. 8.
Beacon, Course. E. Labin. 2,407,287; Sept. 10.
Beacon, Glide path. A. Alford. 2,406,734; Sept. 3.
Beacon, Radio. C. W. Earp. 2,394,157; Feb. 5.
Beacon, Radio. W. D. McGuigan. 2,400,127; May 14.
Beacon system. L. Himmel. 2,412,986; Dec. 24.
Beacon system, Equisignal radio. W. J. O'Brien. 2,407,324; Sept. 10.
Bead, Gel. M. M. Marisic and A. C. Schmitt. 2,408,986; Oct. 8.
Bead lock. J. E. Hale. 2,393,494; Jan. 22.
Bead lock. F. Herzegh. 2,400,930; May 28.
Beading and expanding tool and method, Tube. K. C. Bugg and H. L. Hart. 2,405,399; Aug. 6.
Beam assembly, Weigh. J. A. McCulloch and N. R. Slasor. 2,407,435; Sept. 10.
Beam construction, Rolling hatch. J. A. Crocker, Jr. 2,398,289; Apr. 9.
Beam device, Electron. A. L. Samuel. 2,403,025; July 2.
Beam for hay stackers, Laminated. G. D. Moody. 2,392,760; Jan. 8.
Beam resonator tube. J. R. Pierce. 2,394,008; Feb. 5.
Beam splitters. S. M. MacNeille. 2,403,731; July 9.
Beam structure, Walking. R. G. De La Mater. 2,408,200; Sept. 24.
Beam, Warp. S. N. McCaslin. 2,393,649; Jan. 29.
Beam, Warp. O. V. Payne. 2,406,434; Aug. 27.
Beam with warp holding means, Warp. O. V. Payne. 2,406,435; Aug. 27.
Bean snipping machine. W. A. Finley. 2,393,461; Jan. 22.
Beans, Drying navy. R. M. Schaffner. 2,402,676; June 25.
Bearer or support for temporary or permanent use in building construction, Extendible. R. W. Fromson. 2,402,853; July 9.
Bearing; See—
Adjustable propeller shaft bearing.
Antifriction bearing.
Ball bearing.
Combined thread and rubber bearing.
Instrument bearing.
Lubricated shaft bearing.
Resilient bearing.
Roller bearing.
Shaft bearing.
Spindle bearing.
Truck side bearing.
Bearing. O. D. H. Bentley. 2,407,807; Sept. 17.
Bearing. L. P. Crosman. 2,410,719; Nov. 5.
Bearing, H. Frauenthal. 2,399,669; May 7.

Bearing. W. R. Freeman. 2,406,069; Aug. 20.
Bearing. A. A. Griffith. 2,403,176; July 2.
Bearing. F. R. Hensel. 2,393,905; Jan. 29.
Bearing. J. D. Klinger. 2,404,295; July 16.
Bearing. J. R. Norton. 2,404,084; July 16.
Bearing. W. F. Pittman. 2,399,889; May 7.
Bearing. F. W. Side. 2,400,028; May 7.
Bearing. R. D. Smeallie. 2,405,799; Aug. 13.
Bearing. J. C. Tarbell and J. H. Conant. 2,393,203; Jan. 15.
Bearing adjusting means. F. V. Cook and J. R. Polston. 2,403,171; July 2.
Bearing and making the same, Rod end. L. R. Helm. 2,400,506; May 21.
Bearing and seal construction. T. L. Callahan and J. Weaver. 2,410,927; Nov. 12.
Bearing assembly. J. Boyd and R. A. Bice. 2,393,017; Jan. 15.
Bearing assembly. W. W. Camp. 2,392,807; Jan. 15.
Bearing assembly. P. R. Wheeler. 2,404,420; July 23.
Bearing assembly, Self-aligning. J. E. Shafer. 2,397,164; Mar. 26.
Bearing assembly, Shaft. J. A. Newton and N. Hoertz. 2,406,891; Sept. 3.
Bearing, Ball. J. J. Rozner. 2,403,460; July 9.
Bearing construction. G. P. Lessmann. 2,409,874; Oct. 22.
Bearing, Expanded metal load. W. E. Mack. 2,408,082–3; Sept. 24.
Bearing for dynamos. C. E. Guertin. 2,393,900; Jan. 29.
Bearing mounting. E. G. Roden. 2,407,532; Sept. 10.
Bearing removing tool. C. L. Thompson. 2,406,445; Aug. 27.
Bearing support. T. G. Myers. 2,406,505; Aug. 27.
Bearing surface for tapered rotary valves of engines and pumps. F. M. Aspin. 2,403,165; July 2.
Bearings, Making. E. B. Etchells. 2,403,645; July 9.
Bearings, Making. F. J. Lowey. 2,404,808; July 30.
Be-Cu alloys, Working and treating. M. J. Donachie. 2,412,447; Dec. 10.
Bed and crib, Combined. G. M. Parsons. 2,412,005; Dec. 3.
Bed attachment. J. A. Wolfe. 2,401,999; June 11.
Bed, Chair. L. Arzt. 2,407,864; Sept. 17.
Bed couch, Folding. A. Krakauer. 2,397,017; Mar. 19.
Bed, Folding doll. A. M. Hambacher. 2,406,496; Aug. 27.
Bed, Hospital. O. Mehr. 2,407,892; Sept. 17.
Bed lamp. P. W. Nettesheim. 2,406,029; Aug. 20.
Bed or camp stretcher, Folding. A. Calder. 2,394,981; Feb. 19.
Bed, Sofa. G. H. McKeown and H. Wissmiller. 2,412,628; Dec. 17.
Bedspring. C. J. Elder. 2,405,296; Aug. 6.
Bed springs bracket. J. Zatzkin. 2,394,352; Feb. 5.
Bed table unit. J. H. Dyett and B. A. Doty. 2,393,598; Jan. 29.
Bed-type chair. L. M. Leavitt. 2,411,278; Nov. 19.
Bedding for infants' cribs. E. J. Weisel. 2,404,935; July 30.
Beer, Fermentation of. S. T. Clarke. 2,393,518; Jan. 22.
Bell for blast furnaces. A. Mohr, Jr., and J. P. Grilli. 2,398,386; Apr. 16.
Billet nicking machine. D. L. Smith. 2,413,117; Dec. 24.
Bellows accumulator, Metal. B. N. Ashton. 2,411,315; Nov. 19.
Belt. A. L. Freedlander. 2,392,373; Jan. 8.
Belt. D. C. Lippmann. 2,396,329; Mar. 12.
Belt. A. Saller. 2,410,759; Nov. 5.
Belt. F. G. Skeyhan. 2,403,617; July 9.
Belt and stockings for aviators, Acceleration. I. R. Versoy and L. H. Loeffel. 2,397,710; Apr. 2.
Belt, Conveyer. E. E. Toews. 2,400,667; May 21.
Belt conveyer drive. R. Petterson. 2,393,563; Jan. 22.
Belt, Driving. E. F. Gingras. 2,397,313; Mar. 26.
Belt, Driving. E. F. Gingras. 2,405,496; Aug. 6.
Belt, Dual intersecting wire tube. M. A. Crosby. 2,411,027; Nov. 12.
Belt, Expansible. S. Segal. 2,400,844; May 21.
Belt, Garment. L. W. Foster. 2,405,647; Aug. 13.
Belt or the like, Aviator's. I. R. Versoy and L. H. Loeffel. 2,397,709; Apr. 2.
Belt processing machine. O. F. Goepfert. 2,392,817; Jan. 15.
Belt sander, Double. D. Doherty. 2,411,085; Nov. 12.
Belt tightener, Automatic. V. J. Laymon. 2,395,332; Feb. 19.
Belt type polishing machines, Backing wheel for. B. F. Fowler. 2,402,853; June 18.
Belt, V-type. E. E. Brunner. 2,404,271; July 16.
Belting. W. Lord and H. Riding. 2,401,260; May 28.
Bench, Draw. E. Knudsen and H. H. Talbot. 2,391,908; Jan. 1.
Bench, Restaurant-booth. D. Resnick. 2,400,167; May 14.
Bender for rolled-up metal strip. T. Sato. 2,399,892; May 7.
Bending apparatus. A. H. Zeltz. 2,406,182; Aug. 20.
Bending machine. F. K. Kirsch. 2,400,151; May 14.
Bending machine. R. M. Shaw, Jr. 2,413,523–4; Dec. 31.
Bending machine, Pipe. C. E. Lampe, Sr. 2,405,750; Aug. 13.
Bending mechanism. F. Hobbs. 2,399,348; Apr. 30.
Benzene, Alkylation of. E. N. Rosenquist and R. W. Sudhoff. 2,403,124; July 2.
Benzene, Producing ethyl. R. M. Shepardson. 2,404,104; July 16.
Benzol scrubber. J. P. Liptak. 2,413,238; Dec. 24.
Benzyl methyl acetoacetic methyl ester, Synthesis of isomer-free. A. C. Flisik, L. Nicholl, and W. P. Bitler. 2,413,493; Dec. 31.
Berth arrangement, Auxiliary. L. A. Lutherman and E. L. Thompson. 2,410,173; Oct. 29.
Beryl, Treatment of. M. H. Furlaud. 2,399,178; Apr. 30.
Beryllium sulphate, Recovering. B. R. F. Kjellgren. 2,408,934; Oct. 8.
β-alanine by reduction of cyanoacetic acid, Preparation of.
Beta-alkyl-thio acrolein mercaptals. J. D. Kendall and H. D. Edwards. 2,412,814; Dec. 17.
Beta-amino, beta-propyl glutaronitriles and preparing them. R. O. Norris. 2,409,061; Oct. 8.
β-dimethylaminoethylaminoethyl ester of benzilic acid and its acid addition salts. F. F. Blicke. 2,401,219; May 28.
Beta-halo acyl halides. T. L. Gresham and F. W. Shaver. 2,411,875; Dec. 3.
β-phenyl, β-alkyl isopropyl amines. F. P. Nabenhauer. 2,394,092; Feb. 5.
Beta-picoline, Recovery of pure. G. Riethof. 2,402,667; June 25.
β-substituted homologues of indole, Preparation of. R. Robinson, R. H. Cornforth, and T. F. West. 2,407,452; Sept. 10.
β-thiocyano ketones and their preparation. H. A. Bruson. 2,395,453; Feb. 26.
Bevel, level, and protractor instrument. W. Thomas. 2,399,303; Apr. 30.
Beveling machine. N. B. Jones. 2,401,486; June 4.
Beveling machine. G. H. Carlson. 2,401,547; June 4.
Beverage bottle carrier. M. Fox. 2,406,756; Sept. 3.
Beverage bottle case. T. Vechey, Jr. 2,411,673; Nov. 26.
Beverage concentrates and preparing same. R. Perech. 2,393,562; Jan. 22.
Beverage container. L. J. Humbert. 2,392,479; Jan. 8.
Beverage container and dispenser. L. Samel. 2,400,955; May 28.
Beverage dispensing apparatus. A. S. Levin. 2,395,932; Mar. 5.
Beverages, Manufacture and bottling of carbonated milk. H. Griesbeck. 2,394,303; Feb. 5
Bicycle attachment, Convertible. C. R. Kutil. 2,391,982; Jan. 1.
Bicycle carrier. F. W. Schwinn. 2,409,395; Oct. 15.
Bicycle, Motor. G. F. Murphy. 2,409,887; Oct. 22.
Bicycle, Powered. T. G. Hare. 2,397,858; Apr. 2.
Bicycle seat. G. Lively. 2,406,783; Sept. 3.
Bicyclic carbonylic compounds and their preparation, Unsaturated. R. C. Morris and E. C. Shokal. 2,407,508; Sept. 10.
Bifocal spectacles, Vertically adjustable. J. S. Zell. 2,410,141; Oct. 29.
Bifold canopy door. R. S. Mehard. 2,393,052; Jan. 15.
Bilge and tank washer and jet pump, Combined. C. A. Winslow. 2,404,202; July 16.
Billet charging mechanism. F. B. Crosby. 2,397,339; Mar. 26.
Billet nicking machine. A. H. Yoch. 2,404,019; July 16.
Billet scarfing method and apparatus. J. L. Anderson. 2,409,654; Oct. 22.
Billfold. J. C. Davio. 2,403,507; July 9.
Billfold, pocket secretary, and the like. P. L. Ogden. 2,397,366; Mar. 26.
Billfold, Secret pocket. H. I. Thomas. 2,405,379; Aug. 6.
Bimetallic billets, Making. W. L. Keene. 2,395,878; Mar. 5.
Bimetallic billets, Treatment of. F. A. Egan. 2,409,422; Oct. 15.
Bimetallic products and manufacture thereof. W. L. Keene. 2,395,877; Mar. 5.
Bimetallic products, Making. F. R. Frost, A. L. Frost, and E. F. Potter. 2,413,317; Dec. 31.
Bin, Coffee. D. M. McBean. 2,406,886; Sept. 3.
Binder, Alkali-resistant. I. M. Bernstein. 2,401,898; June 11.
Binder. H. Thomsen. 2,413,157; Dec. 24.
Binder for containing a textbook and note sheets. N. R. Atwood. 2,406,785; Sept. 3.
Binder for stationery sheets. H. Feldmann. 2,409,426; Oct. 15.
Binder, Loose-leaf. G. H. Dawson and P. O. Unger. 2,403,851; July 9.
Binder, Loose-leaf. A. Freundlich. 2,413,616; Dec. 31.
Binder, Loose-leaf. E. Murphy. 2,399,561; Apr. 30.
Binders, Producing loose-leaf. E. Hazel, Jr. 2,396,008; Mar. 5.
Binding element. C. E. Emmer. 2,407,656; Sept. 17.
Binding for platform soles, Shoe. H. Pecker. 2,409,892; Oct. 22.
Binding, Ski. L. Beerli. 2,400,065; May 14.
Binding-strap, Applying metal. R. F. McMahan. 2,407,090; Sept. 3.

Binocular. G. Kende. 2,392,154; Jan. 1.
Binocular prisms, Producing. H. S. Tenny. 2,393,073; Jan. 15.
Binoculars. W. J. Russell. 2,393,339; Jan. 22.
Biotin intermediate. W. I. Patterson and J. V. Karabinos. 2,400,436; May 14.
Bird figure and the like. J. F. Buffenbarger. 2,395,247; Feb. 19.
Birthday cake candle holder. M. H. Koretzky. 2,406,777; Sept. 3.
Bisdimethylene thiuram polysulphides. R. A. Mathes and P. C. Jones. 2,407,566; Sept. 10.
Bisulphide, Making carbon. J. M. Avery and L. F. Marek. 2,392,629; Jan. 8.
Bis sulphonamides of naphthol sulphonyl chlorides with aromatic diamines. A. B. Jennings. 2,395,484; Feb. 26.
Bisurets. W. R. Boon. 2,398,283; Apr. 9.
Bit: *See*—
Diamond drill bit. Mining machine bit.
Hachamore bit.
Bit. G. W. Hall, R. F. Sens, and M. A. Furth. 2,411,209; Nov. 19.
Bit and holder therefor, Coal cutting. F. L. Fulke. 2,394,945; Mar. 19.
Bits, Method and apparatus for making. F. L. Fulke. 2,403,651; July 9.
Bituminous composition and manufacturing the same. W. F. Fair, Jr. 2,395,041; Feb. 19.
Bituminous composition containing mineral aggregates. J. F. T. Blott and P. Alexander. 2,407,470; Sept. 10.
Bituminous compositions. J. C. Best, R. N. Traxler, and H. E. Schweyer. 2,400,067; May 14.
Bituminous compositions. R. H. Cubberley and F. W. Yeager. 2,408,297; Sept. 24.
Bituminous material, Treatment of. L. Auer. 2,396,669; Mar. 19.
Bituminous paved surface and making the same. H. P. Pearson. 2,411,634; Nov. 26.
Bituminous roofing material. G. A. Fasold and H. W. Greiner. 2,392,239; Jan. 1.
Bladder, Accumulator. N. deKiss. 2,397,248; Mar. 26.
Blade adjusting means. J. E. Anderson. 2,396,630; Mar. 19.
Blade and making same, Diamond charged saw. T. Longbotham. 2,408,148; Sept. 24.
Blade and package, Protected. J. Muros. 2,406,242; Aug. 20.
Blade assembly, Contact. W. P. Herman. 2,406,144; Aug. 20.
Blade, Doctor. V. Carlsen and A. Heinrich. 2,404,689; July 23.
Blade, Lawn mower. W. H. Phelps. 2,403,236; July 2.
Blade magazine. N. Testi. 2,409,401; Oct. 15.
Blade phase and constant speed synchronizer for multiple motor aircraft. W. S. Hoover. 2,410,659; Nov. 5.
Blade, Propeller. L. H. Enos. 2,405,022; July 30.
Blade, Reinforced propeller. L. H. Enos. 2,406,457; Aug. 27.
Blade, Reinforced propeller. J. H. McKee. 2,406,471; Aug. 27.
Blade, Rotor. H. H. Platt and W. L. Le Page. 2,412,908; Dec. 17.
Blade structure, Making welded. R. C. Allen. 2,392,281; Jan. 1.
Bladed machine element. A. Howard. 2,412,615; Dec. 17.
Blades for exhaust turbines, Manufacture of. G. Zellbeck and A. Müller. 2,394,353; Feb. 5.
Blades, Making tool. R. Harte. 2,410,784; Nov. 5.
Blades, Manufacturing safety razor. L. A. Young. 2,409,504; Oct. 15.
Blades, Sharpening safety razor. E. A. Brooke. 2,397,644; Apr. 2.
Blanching machine, Nut. H. P. Curlee. 2,405,292; Aug. 6.
Blank, Carton. R. A. Lambert. 2,411,134; Nov. 12.
Blank feeding mechanism. R. E. J. Nordquist. 2,395,496; Feb. 26.
Blank for induction heating heads. H. E. Somes. 2,411,599; Nov. 26.
Blanks for cans from long and wide metal stock, Making strip. R. W. Messenger. 2,406,155; Aug. 20.
Blanks for use in the manufacture of sliders for slide fasteners. M. Voity and G. A. Griffiths. 2,409,966; Oct. 22.
Blanket and preparing same, Hectograph. R. C. Bour. 2,407,395; Sept. 10.
Blanket, Electric. W. K. Kearsley. 2,403,803; July 9.
Blanket, Electrically heated. W. Bradford. 2,400,735; May 21.
Blanket, Electrically heated. E. C. Taylor. 2,395,152; Feb. 19.
Blanket securing mechanism, Printing cylinder. A. Braunworth. 2,409,536; Oct. 15.
Blankets, Making. M. A. Sterner. 2,395,917; Mar. 5.
Blankets, Making insulating. W. B. Byers. 2,406,801; Sept. 3.
Blankets, Repairing skin. A. G. Dean. 2,412,972; Dec. 24.
Blast furnace. G. A. Whitehurst. 2,396,976; Mar. 19.
Blasting apparatus, Sand. W. Stark and A. P. Gately. 2,409,722; Oct. 22.
Blasting circuit leads, Separation of. J. O. Parr, Jr. 2,407,442; Sept. 10.
Blasting plug. B. L. Lubelsky and W. R. Walburn. 2,403,386; July 2.
Blasting unit and short-circuiting device. J. V. Hammond and D. J. Keenan. 2,407,605; Sept. 10.
Bleaching and sterilizing starch. G. P. Vincent. 2,409,084; Oct. 8.
Blind. E. T. Brown. 2,395,096; Feb. 19.
Blind. S. G. Isserstedt. 2,407,554; Sept. 10.
Blind adjusting means, Venetian. G. W. Kirsch. 2,405,153; Aug. 6.
Blind and adjustable self-locking detachable fastener for cord ends, Venetian. J. Gulas, Sr. 2,400,198; May 14.
Blind and hit detector, Automatic. C. G. Hieronymus, G. H. Ridings, and R. J. Wise. 2,410,442; Nov. 5.
Blind riveting apparatus. O. D. Lutes. 2,408,431; Oct. 1.
Blind structure, Venetian. H. H. Nelson. 2,393,399; Jan. 22.
Blind, Venetian. M. W. Albrecht. 2,409,821; Oct. 22.
Blind, Venetian. C. J. Delegard. 2,394,847; Feb. 12.
Blind, Venetian. O. L. Herron. Re. 22,755; May 14.
Blind, Venetian. I. Jablin. 2,412,553; Dec. 17.
Blind, Venetian. M. J. Nardulli. 2,401,770; June 11.
Blind, Venetian. A. Nihon. 2,413,464; Dec. 31.
Blind, Venetian. E. A. Olson. 2,410,549; Nov. 5.
Blind, Venetian. J. C. Rhodes. 2,396,435; Mar. 12.
Blind, Venetian. D. L. J. Smith and C. Judels. 2,393,819; Jan. 29.
Blind, Venetian. A. R. Sylvanus. 2,397,765; Apr. 2.
Blind, Venetian. L. C. Williams. 2,401,283; May 28.
Block: *See*—
Automatic tool block.
Ballast block.
Building block.
Concealed wiring block.
Conduit supporting block.
Friction-tipped belt block.
Heat insulation block.
Hollow building block.
Interlocking building block.
Lapping block.
Measuring line stripping block.
Resiliently supported shear block.
Sanding block.
Slipper spring block.
Snap-in connector block.
Snatch block.
Tackle block.
Terminal block.
Toolmaker's angle block.
Block for motors and the like, Terminal. J. A. Draxler. 2,403,642; July 9.
Block mechanism, Breech. W. Summerbell. 2,398,453; Apr. 16.
Block, Wire-drawing. J. M. Fenner and F. G. Mog. 2,391,957; Jan. 1.
Blocking impulse generator. O. H. Schade. 2,411,062; Nov. 12.
Blocks, Laying, forming and interconnecting concrete. J. W. Smith. 2,408,585; Oct. 1.
Blood coagulating product and obtaining same. H. P. Smith. 2,398,077; Apr. 9.
Blood testing cabinet. G. H. Hill. 2,392,322; Jan. 8.
Bloom wrench. H. O. Starr. 2,404,107; July 16.
Blowoff valve. G. C. Fields. 2,396,840; Mar. 19.
Blowpipe for piercing metal bodies. R. B. Aitchison. 2,407,972; Sept. 24.
Blower. W. C. Parrish. 2,398,113; Apr. 9.
Blower. V. E. Sprouse. 2,394,214; Feb. 5.
Blower apparatus. A. I. Ponomareff. 2,393,808; Jan. 29.
Blower apparatus. A. I. Ponamareff and W. A. Mayne. 2,400,711; May 21.
Blower apparatus. H. F. Schmidt. 2,403,878; July 9.
Blower, Axial. E. A. Stalker. 2,405,768; Aug. 13.
Blower, Ensilage. R. B. Hitchcock and S. E. Hilblom. 2,394,058; Feb. 5.
Blower, Ensilage. E. F. Huddle. 2,410,501; Nov. 5.
Blower for handling desiccated material. O. C. Norton, 2,408,675; Oct. 1.
Blower having swinging feed hopper, Ensilage. R. B. Hitchcock and S. E. Hilblom. 2,405,695; Aug. 13.
Blower, Grain. C. C. Rowley and L. C. Walgren. 2,406,566; Aug. 27.
Blower, Rotary. R. P. McCulloch and J. L. Ryde. 2,393,116; Jan. 15.
Blower, Soot. T. G. Höglund and G. E. Leljon. 2,406,687; Aug. 27.
Blower, Twin feed grain. F. E. Michael. 2,405,094; July 30.
Blueprint machine. H. J. Brunk. 2,398,616; Apr. 16.
Board: *See*—
Composition panel board.
Cribbage board.
Game board.
Impregnated composite board.
Ironingboard.
Knotting board.
Pack board.
Production control board.
Running board.
Utility board.
Board and stepladder, Combined ironing. J. W. Mayhugh. 2,401,311; June 4.
Board and the product resulting therefrom, Process relating to the production of. F. Rosenthal. 2,412,652; Dec. 17.
Board for acoustic treatments, Vibratile. A. B. Hurley. 2,413,568; Dec. 31.
Board for playing solitaire and other games, Supporting. J. Jacobs. 2,400,296; May 14.
Board for spinning frames, Thread. L. M. Cotchett. 2,413,172; Dec. 24.
Board for use in slicing thin slices. J. Scheminger, Jr. 2,398,192; Apr. 9.

Board structures, Manufacturing composite. G. Kahr. 2,401,648; June 4.
Boards, Manufacturing composite. G. Kahr. 2,399,124; Apr. 23.
Boat. C. H. Clement, Jr. 2,392,834; Jan. 15.
Boat. C. H. Kearny. 2,407,666; Sept. 17.
Boat. F. N. Nelson. 2,397,683; Apr. 2.
Boat. A. C. Patterson and H. C. Ganter. 2,396,721; Mar. 19.
Boat and making same, Inflatable. A. G. Luisada. 2,408,789; Oct. 8.
Boat construction. A. G. S. Sandison. 2,397,049; Mar. 19.
Boat control, Small. E. E. Bidwell. 2,402,724; June 25.
Boat, Flyer's. E. M. Bonyhady. 2,402,726; June 25.
Boat, Foldable. B. F. Randrup. 2,408,579; Oct. 1.
Boat hulls, Making. L. P. Hall, Jr. 2,412,455; Dec. 10.
Boat, Inflatable. C. H. Kearny. 2,391,906; Jan. 1.
Boat loading device. L. J. Lindblom. 2,412,162; Dec. 3.
Boat, Pneumatic collapsible. A. N. Spanel. 2,396,212; Mar. 5.
Boat propulsion apparatus. H. H. Raulerson. 2,394,011; Feb. 5.
Boat wheelbarrow. A. A. Bjork. 2,395,717; Feb. 26.
Boats and ships, Hull construction for surface. E. Moxham, Jr. 2,400,771; May 21.
Boats, Docking flying. G. L. Martin. 2,411,382; Nov. 19.
Bob pin. R. K. Gaylord and I. R. Green. 2,396,367; Mar. 12.
Bobbin for use in spinning or weaving. C. Van Deventer. 2,403,417; July 2.
Bobbin holder. J. Noguera. 2,408,674; Oct. 1.
Bobbin-identifying device for winding machines. G. S. Beckman. 2,411,242-3; Nov. 19.
Bobbin receiver for weft and replenishing looms. G. C. Beatrice. 2,411,354; Nov. 19.
Bobbin receiver with movable bottom. R. G. Turner. 2,411,643; Nov. 26.
Bobbin receivers, Support and release means for. G. C. Beatrice. 2,411,353; Nov. 19.
Bobbin receptacle support. G. F. Belforti. 2,401,602; June 4.
Bobbin, spool, or the like. G. B. Markle, Jr. 2,397,362; Mar. 26.
Bobbin winder for sewing machines. S. J. Hamlett, Jr. 2,412,456; Dec. 10.
Bobbin winding machine. B. Marcellus. 2,409,639; Oct. 22.
Bodies, Marking. J. Mrazek. 2,406,705; Aug. 27.
Body and chassis structure, Combined. J. Ledwinka and J. W. Kelly. 2,405,260; Aug. 6.
Body and wheels of vehicles, Shifting the relative position of the. K. W. Couse. 2,391,948; Jan. 1.
Body, Bladed. G. B. Warren. 2,394,124; Feb. 5.
Body construction, Vehicle. G. Trautvetter. 2,407,112; Sept. 3.
Body for hand trucks, Removable. J. R. Katzman. 2,393,692; Jan. 29.
Body for vehicles, especially for pleasure automobiles. T. Ulrich. 2,404,870; July 30.
Body locator, Electronic surgical metal. D. M. Speaker. 2,393,717; Jan. 29.
Body, Refuse. W. C. Anthony. 2,408,284; Sept. 24.
Boiler: *See*—
Steam boiler. Water heater and boiler.
Boiler. A. Drummond. 2,406,673; Aug. 27.
Boiler. L. Satchwell. Re. 22,793; Sept. 17.
Boiler. G. N. Strike. 2,400,174; May 14.
Boiler. R. D. Terhune. 2,407,941; Sept. 17.
Boiler. R. R. Waterman. 2,396,032; Mar. 5.
Boiler construction. C. R. Briggs. 2,395,035; Feb. 19.
Boiler construction. R. C. Cross. 2,408,968; Oct. 8.
Boiler construction and producing same. F. P. Huston, L. A. Burrows, and W. E. Lawson. 2,412,886; Dec. 17.
Boiler unit, Stoker. R. C. Cross and G. W. Smardon. 2,408,969; Oct. 8.
Boiler water feed device. T. N. Pinion. 2,411,589; Nov. 26.
Boilers, Cleaning steam. F. W. Miller. 2,404,516; July 23.
Boilers, Treating. F. C. Bersworth. 2,396,938; Mar. 19.
Bolt and mounting therefor. T. D. Lane. 2,411,629; Nov. 26.
Bolt and mounting therefor. J. A. MacLean, Jr. 2,395,377; Feb. 19.
Bolt and nut assembly. A. Gazda. 2,398,633; Apr. 16.
Bolt and nut, Blind fastening. D. C. Benton. 2,403,330; July 2.
Bolt connection, Locking and sealing blind. G. P. Torburn. 2,393,431; Jan. 22.
Bolt for glass doors, Flush and mortise lock. E. L. Jones. 2,402,753; June 25.
Bolt, Insert. B. K. Lyon. 2,409,638; Oct. 22.
Bolt or nut, Self-locking. L. A. Carter. 2,405,402; Aug. 6.
Bolt, Self-locking. D. A. Kahn. 2,407,160; Sept. 3.
Bolt, Self-locking. E. G. Miller and R. E. Engbert. 2,398,838; Apr. 23.
Bolt, Toggle. H. N. Boyer. 2,408,366; Oct. 1.
Bomb. C. B. Ferrel. 2,410,932; Nov. 12.
Bomb, Aerial. A. F. Halvey. 2,398,740; Apr. 16.
Bomb, Aerial. F. D. Mayes. 2,402,335; June 18.
Bomb control system. J. H. Hammond, Jr. 2,411,788; Nov. 26.
Bomb displacing gear. J. G. Lee. 2,412,460; Dec. 10.
Bomb, Dual-purpose aerial. N. M. Hopkins. 2,409,282; Oct. 15.
Bomb, Fragmentation. R. Taglialatela. 2,413,008; Dec. 24.
Bomb, Fragmentation. J. C. Whitesell, Jr. 2,393,274; Jan. 22.
Bomb, Incendiary. H. J. De N. McCollum. 2,401,788; June 11.
Bomb loading apparatus for airplanes. L. W. Bonnell and R. G. Sharp. 2,411,647; Nov. 26.
Bomb protective band. J. T. Parsons and A. V. Brogren. 2,412,420; Dec. 10.
Bomb rack. J. G. Lee. 2,413,635; Dec. 31.
Bomb rack. W. M. Neff. 2,392,400; Jan. 8.
Bomb release. R. J. Minshall, F. P. Laudan, and E. G. Emery, Jr. 2,405,752; Aug. 13.
Bomb releasing shackle. R. I. Markey. 2,410,036; Oct. 29.
Bomb selector. J. O. York and J. C. Winslow. 2,399,530; Apr. 30.
Bomb sight. R. M. Lynn. 2,405,263; Aug. 6.
Bomb sight. J. D. Steel. 2,401,521; June 4.
Bomb sight. H. C. Van Auken and F. N. Esher. 2,410,468; Nov. 5.
Bomb sight. H. C. Van Auken and G. N. Hanson. 2,409,648; Oct. 22.
Bomb sight and bomb-releasing device. A. E. Bartlf. 2,409,239; Oct. 15.
Bombsight, Hand held low altitude. G. V. Rylsky and F. W. Schule, Jr. 2,404,746; July 23.
Bombsight, Low altitude. H. C. Van Auken. 2,392,436; Jan. 8.
Bomb, Spark plug test. A. C. Wall. 2,401,533; June 4.
Bomb stabilizer. W. F. Berger. 2,393,604; Jan. 29.
Bombing, Sight for dive. M. E. Browder and A. Wertheimer. 2,401,744; June 11.
Bombs and projectiles, Shipping band for. A. P. Belanger. 2,402,145; June 18.
Bombs, Making fragmentation. J. C. Whitesell, Jr. 2,393,275; Jan. 22.
Bombs, pyrotechnic devices and the like, Aerial. J. Imber. 2,411,432; Nov. 19.
Bonded reinforcing frame. W. H. Turner. 2,410,466; Nov. 5.
Bonding clamp. G. A. Tinnerman. 2,399,899; May 7.
Bonding metal. A. Longoria and C. Girl. 2,401,006; May 28.
Bonding method. L. B. Scott. 2,410,464; Nov. 5.
Bonding of rubber to metal, Direct. O. W. Hosking. 2,409,759; Oct. 22.
Bonding surfaces. O. H. Smith. 2,392,618; Jan. 8.
Bonds in laminated structures, Curing adhesive. H. W. Hall. 2,406,680; Aug. 27.
Bones, Degreasing of animal. C. Mueller. 2,395,900; Mar. 5.
Bookbinding. H. Elnzig. 2,400,744; May 21.
Book cover. I. L. Lesavoy. 2,410,741; Nov. 5.
Booklet, Cigarette paper. O. F. Goepfert, W. K. Straus, and R. H. Clayton, Jr. 2,400,301; May 14.
Bookmark. W. W. Evans. 2,394,372; Feb. 5.
Bookmark. F. L. Singer, Jr. 2,405,374; Aug. 6.
Book rack. M. Swearngin. 2,402,930; June 25.
Book, Sample display. W. C. Macey. Re. 22,716; Feb. 5.
Boost device and gust dampener, Control surface. E. F. Burton, O. A. Wheelon, and H. W. Adams. Re. 22,728; Mar. 5.
Boost device for reducing control forces on airplanes, Rotary electrical. J. S. W. Davidsen. 2,406,356. Aug. 27.
Booster, Ammunition feed. J. E. Chapman and G. A. Bussiere. 2,403,170; July 2.
Booster brake mechanism. W. F. Penrose. 2,411,458; Nov. 19.
Booster control. W. E. Benjamin. 2,411,705; Nov. 26.
Booster, Hydraulic. W. Stelzer. 2,398,165; Apr. 9.
Booster pressure relief valve. W. R. Gamble. 2,401,237; May 28.
Booster pump. W. H. and R. R. Curtis. 2,394,154; Feb. 5.
Booster pump. R. P. Greenwood. 2,408,775; Oct. 8.
Boot construction. P. D. Earl. 2,394,433; Feb. 5.
Boot hanger. N. Van Tilburg. 2,412,847; Dec. 17.
Bootjack and boot hook, Combined. C. G. Hilton, 2,408,640; Oct. 1.
Bootee, Carriage. A. J. Wilson. 2,398,510; Apr. 16.
Boots, Attachment for stadium. H. L. Lea. 2,408,564; Oct. 1.
Boots, Making hollow flexible. M. E. Golden. 2,411,874; Dec. 3.
Booth, Combined teller and customer. J. W. Phillips. 2,405,710; Aug. 13.
Booth, Communication. R. L. Hoyle. 2,397,606; Apr. 2.
Booth, Communication. R. L. Leadbetter. 2,397,609; Apr. 2.

Booth, Dining. J. C. Shikles. 2,409,805; Oct. 22.
Booth, Grinding and polishing. E. F. Fisher. 2,409,479; Oct. 15.
Booths. T. T. Tucker. 2,403,469; July 9.
Bore holes, Method and apparatus for electrically coring in case. G. H. Ennis. 2,397,254; Mar. 26.
Boring bar. J. M. Perkins. 2,400,839; May 21.
Boring bar. P. A. Vonada. 2,399,271; Apr 30.
Boring head. E. A. Allen. 2,412,937; Dec. 24.
Boring head. N. Bell. 2,398,491; Apr. 16.
Boring machine. A. J. McDonald. 2,409,578; Oct. 15.
Boring machine. W. F. Mitchell. 2,401,838; June 11.
Boring machine. W. F. Mitchell. 2,413,574; Dec. 31.
Boring machine, Portable. H. D. Wrenn. 2,392,564; Jan. 8.
Boring machine, Ring. O. W. Haling. 2,410,819; Nov. 12.
Boring machine, Tunnel. H. O. Thompson. 2,404,605; July 23.
Boring or like tool. H. I. Selch. 2,393,424; Jan. 22.
Boron from boron polluted substances, Removal of. H. B. Gustafson and E. Kominek, Jr. 2,402,959; July 2.
Bottle and closure therefor. G. L. Moore. 2,396,337; Mar. 12.
Bottle attachment, Milk. R. W. Leslie. 2,406,696; Aug. 27.
Bottle cap. P. Gavrilles. 2,392,912; Jan. 15.
Bottle cap. T. R. Smith. 2,404,410; July 23.
Bottle cap. J. D. Tessier. 2,392,274; Jan. 1.
Bottle cap. T. J. Van Alstyne. 2,411,349; Nov. 19.
Bottle caps, Preheater for. H. E. Rue. 2,401,511; June 4.
Bottle carrier. L. H. Cohn. 2,408,249; Sept. 24.
Bottle carrier. J. F. DeVillard. 2,411,195; Nov. 19.
Bottle carrier. J. J. Druhot. 2,404,625; July 23.
Bottle carrier. A. H. Edgerton. 2,404,699; July 23.
Bottle carrier. S. N. Goldman. 2,396,003; Mar. 5.
Bottle carrier. F. E. Green. 2,394,239; Feb. 5.
Bottle carrier. M. E. Holy. 2,401,158; May 28.
Bottle carrier. J. N. Ice. 2,404,133; July 16.
Bottle carrier. T. H. Jenkins. 2,409,684; Oct. 22.
Bottle carrier. R. H. Kerns. 2,399,549; Apr. 30.
Bottle carrier. J. L. Lyons, Jr. 2,393,114; Jan. 15.
Bottle carrier. R. Martinez. 2,398,948; Apr. 23.
Bottle carrier. J. E. Miller. 2,401,578; June 4.
Bottle carrier. E. E. Morgan. 2,405,753; Aug. 13.
Bottle carrier. L. A. Parks. 2,395,755; Feb. 26.
Bottle carrier. W. D. Plummer. 2,405,517; Aug. 6.
Bottle carrier. H. K. Powell. 2,396,473; Mar. 12.
Bottle carrier. W. A. Ringler. 2,407,798; Sept. 17.
Bottle carrier. W. P. Rocker. 2,404,532; July 23.
Bottle carrier. H. C. Singer. 2,397,376; Mar. 26.
Bottle carrier. E. H. Ulbrich. 2,397,708; Apr. 2.
Bottle carrier. R. B. Watson. 2,397,304; Mar. 26.
Bottle carrier. J. A. Wendler. 2,397,716; Apr. 2.
Bottle carrier. W. Wenthe. 2,395,601; Feb. 26.
Bottle carrier. A. Wesselman. 2,402,218–19; June 18.
Bottle carrier and carton, Combined. J. K. Darragh and H. E. Rue. 2,413,315; Dec. 31.
Bottle case. R. H. Brady and E. O. Birkner. 2,396,770; Mar. 19.
Bottle construction, Parenteral. J. E. B. Shaw. 2,395,149; Feb. 19.
Bottle cover. B. Zimmern. 2,409,820; Oct. 22.
Bottle dispensing apparatus. L. D. Dennis. 2,408,380; Oct. 1.
Bottle holder. J. Cosley. 2,412,873; Dec. 17.
Bottle holder. M. E. Swank. 2,397,059; Mar. 19.
Bottle holder and carrier. W. A. Bertram. 2,407,529; Sept. 10.
Bottle machine. D. E. Gray. 2,391,963; Jan. 1.
Bottle, Marine sampling. J. Kahl. 2,391,978; Jan. 1.
Bottle, Nonrefillable. P. B. Oberstadt. 2,398,663; Apr. 16.
Bottle, Nursing. M. Sloan. 2,394,722; Feb. 12.
Bottle stopper and pouring spout. H. B. Wright. 2,408,403; Oct. 1.
Bottle stopper, Manually operable vacuum releasing. K. E. Luger. 2,392,602; Jan. 8.
Bottle transferring and carrying apparatus. C. D. Keith, J. F. O'Brien, and S. Madsen. 2,398,747; Apr. 16.
Bottle wadding machine and method. T. C. Kelly. 2,412,089; Dec. 3.
Bottled drink dispenser. F. T. Rabens and F. T. Peterson. 2,393,059; Jan. 15.
Bottles and the like, and manufacture, Paper. J. E. Annen. 2,409,655; Oct. 22.
Bottom construction for cribs. H. F. Shaw. 2,397,697; Apr. 2.
Bottom hole regulator. L. D. Mowrey. 2,411,667; Nov. 26.
Bourdon tube. J. Sivertsen. 2,409,161; Oct. 8.
Bow tie device. M. Greenfield. 2,408,631; Oct. 1.
Bowl, Centrifugal separating. G. J. Strezynski. 2,410,313; Oct. 29.
Bowl, Embossing. R. E. Thomas. 2,406,718; Aug. 27.
Bowling alley. C. W. Hartwig. 2,411,789; Nov. 26.
Bowling ball. M. O. Berg. 2,396,228; Mar. 12.
Bowling pin. W. Henley. 2,400,089; May 14.
Bowling pin. H. E. McKenzie. 2,395,134; Feb. 19.
Bowling pin setting indicator. R. A. Aschenbrener. 2,408,592; Oct. 1.

Box: *See*—
Ammunition feed box.
Automatically locked fiberboard shipping box.
Collapsible box.
Camera film box.
Chick box.
Container and display box.
Display box.
Electric outlet box.
Electric welding with portable flux box.
Foldable safety box.
Foldable box.
Folding box.
Instrument box.
Jewelry box.
Money box.
Multidrive gear box.
Nail box.
Outdoor switch box.
Paperboard coin box.
Plug and switch box.
Railroad journal box.
Railway journal box.
Spreader box.
Stacking box.
Stuffing box.
Vanity box.

Box. E. J. Bonville. 2,396,150; Mar. 5.
Box. E. Herz. 2,397,353; Mar. 26.
Box. R. B. Meller. 2,404,916; July 30.
Box. I. Robins. 2,401,664; June 4.
Box. E. R. Stivers. 2,405,463; Aug. 6.
Box and anchor therefor, Outlet. C. Fredriksen. 2,413,139; Dec. 24.
Box and ground strap provided with cable clamps, Outlet. G. B. Benander. 2,411,017; Nov. 12.
Box for timing watches, Observation. R. D. Heffelfinger. 2,395,328; Feb. 19.
Box for water-cooled shafts, Stuffing. C. Nygren. 2,413,645; Dec. 31.
Box liner. E. D. Budge, C. P. Hunt, and D. E. Lent. 2,392,575; Jan. 8.
Boxmaking. C. D. Knowlton. 2,393,383; Jan. 22.
Box making machine. E. G. Staude and P. E. Fischer. 2,395,352; Feb. 19.
Box or carton. R. Kuhlman. 2,393,994; Feb. 5.
Box or container, Dispensing. K. T. Buttery. 2,407,919; Sept. 17.
Box or the like, Berry. W. A. Ringler. 2,406,254; Aug. 20.
Box spring. P. Kost. 2,402,252; June 18.
Box structure, Smoke. Le R. Thompson. 2,398,058; Apr. 9.
Boxes and improved cartridge containers, Making knockdown. R. M. Bergstein. 2,411,144; Nov. 19.
Boxes, Stacking and nesting. L. A. Fordon. 2,395,542; Feb. 26.
Boxing cartridges or other elongated articles, Machine for. D. R. P. Jackson. 2,400,695; May 21.
Brace. H. C. Boone. 2,412,075; Dec. 3.
Brace, Angle iron. E. Soffer. 2,400,266; May 14.
Brace, Boxcar. H. M. Welch. 2,411,768; Nov. 26.
Brace for railway cars, Adjustable lading. J. McMullen. 2,407,091; Sept. 3.
Brace, Lady's shoe. J. Arena. 2,401,400; June 4.
Brace structure. J. D. Farrell. 2,413,302; Dec. 31.
Bracelet and the like, Illuminated ankle. A. W. White. 2,405,384; Aug. 6.
Bracelet, Plastic. H. D. Brady. 2,413,541; Dec. 31.
Bracelet, Wrist watch. G. Schmidt. 2,398,723; Apr. 16.
Bracelets and end hooks, Attachment of lazy tong. A. R. Saccoccio. 2,401,022; May 28.

Bracket: *See*—
Anchoring bracket.
Auto mirror bracket.
Bed springs bracket.
Concrete form bracket.
Dish supporting bracket.
Drapery bracket.
Hold-down bracket.
Ladder bracket.
Motor bracket.
Paint bucket ladder bracket.
Right-angled aligning and assembling fastener and bracket.
Scaffold bracket.
Shade roller bracket.
Spring type switch bracket.
Swinging bracket.
Transposition bracket.

Bracket. A. D'Avanzo. 2,395,255; Feb. 19.
Bracket and making the same. B. G. Cochrane. 2,395,215; Feb. 19.
Bracket for kitchen utensils, Wall. H. J. Talge and W. J. Landry. 2,408,703; Oct. 1.
Bracket for overhead trolley chain conveyers. J. B. and J. C. Webb. 2,398,062; Apr. 9.
Bracket for supporting oxygen bottles or the like. W. C. Keller and L. F. Fuday. 2,406,334; Aug. 27.
Bracket support. R. E. McLean. 2,411,448; Nov. 19.

Brake: *See*—
Aerodynamic brake.
Air brake.
Automatic hydraulic brake.
Automotive brake.
Car brake.
Coaster brake.
Disk brake.
Electric brake.
Fluid brake.
Friction brake.
Hand brake.
Hydraulic brake.
Insulator bracket.
One-way brake.
Recoil brake.
Rail car wheel brake.
Railway brake.
Railway truck spring brake.
Shaft brake.
Ski brake.
Spindle brake.
Steering brake.
Trailer brake.
Variable leverage brake.
Variable load brake
Vehicle brake.
Wheel brake.
Winch brake.
Window brake.

Brake. C. L. Eksergian, P. W. Gaenssle, and E. Kaiser. 2,399,010; Apr. 23.
Brake. J. A. Forbes. 2,406,754; Sept. 3.

Brake. J. A. Forbes. 2,407,487; Sept. 10.
Brake. P. M. Freer. 2,393,980; Feb. 5.
Brake. B. E. House. 2,412,335; Dec. 10.
Brake. O. Rasmussen. 2,396,387; Mar. 12.
Brake. C. H. Sauer. 2,406,440; Aug. 27.
Brake actuator. R. A. Goepfrich. 2,400,042; May 7.
Brake and accelerator, Combined foot. N. I. Perry. 2,411,167; Nov. 19.
Brake and lock mechanism. W. O. Schultz. 2,410,243; Oct. 29.
Brake and stabilizer control, Combined. E. W. Barnhart. 2,400,803; May 21.
Brake apparatus. H. J. Butler. 2,392,225; Jan. 1.
Brake apparatus, Variable load. E. S. Cook. 2,407,870; Sept. 17.
Brake apparatus, Variable load. C. A. Nelson, J. N. Good, and A. B. De Salardi. 2,402,434; June 18.
Brake arrangement. C. L. Eksergian. 2,402,469; June 18.
Brake arrangement. C. L. Eksergian. 2,410,574; Nov. 5.
Brake arrangement. C. L. Eksergian and J. H. Coombes. 2,405,119; Aug. 6.
Brake arrangement. C. E. Tack and N. Flesch. 2,412,431; Dec. 10.
Brake beam and head therefor, Combined. C. R. Busch. 2,398,917; Apr. 23.
Brake beam and/or brake head, Trussed. C. R. Busch. 2,398,918; Apr. 23.
Brake beam, Railway. E. G. Busse. 2,408,015; Sept. 24.
Brake beam structure. H. W. Ekholm. 2,398,497; Apr. 16.
Brake booster. W. Stelzer. 2,404,932; July 30.
Brake compressor and the like, Compound hydraulic.
Brake construction. R. A. Goepfrich. 2,400,043; May 7.
Brake construction. R. A. Goepfrich. 2,404,054; July 16.
Brake construction. A. O. Williams. 2,400,673; May 21.
Brake control. J. G. Oetzel. 2,407,510; Sept. 10.
A. Hull-Ryde. 2,407,957; Sept. 17.
Brake control for motor vehicles. T. A. Martin. 2,403,870; July 9.
Brake control, Portable auxiliary. R. A. Law. 2,395,280; Feb. 19.
Brake cooler. J. J. Bloomfield. 2,409,099; Oct. 8.
Brake cylinder venting apparatus. R. T. Whitney. 2,398,902; Apr. 23.
Brake drum, Reinforced. F. H. Le Jeune. 2,398,501; Apr. 16.
Brake for aircraft, Air. R. T. Youngman. 2,392,443; Jan. 8.
Brake for electric motors. J. A. Chilman. 2,410,630; Nov. 5.
Brake for hydraulic motors. C. M. Boyd; 2,404,615; July 23.
Brake for power reverse gear. J. Kindervater. 2,394,785; Feb. 12.
Brake for rail-borne vehicles. H. W. Brolus. 2,397,237; Mar. 26.
Brake latch. G. Stoner. 2,399,835; May 7.
Brake lever for railway car brake rigging. F. Schaefer. 2,392,771; Jan. 8.
Brake mechanism. H. W. Alden, L. R. Buckendale, and R. K. Super. 2,399,654; May 7.
Brake mechanism. H. J. Butler. 2,396,153; Mar. 5.
Brake mechanism. J. H. Coombes. 2,394,151; Feb. 5.
Brake mechanism. J. H. Coombes. 2,406,201; Aug. 20.
Brake mechanism. W. A. Eaton. 2,410,966; Nov. 12.
Brake mechanism. C. L. Eksergian, J. H. Coombes, and P. W. Gaenssle. 2,402,386; June 18.
Brake mechanism. C. L. Eksergian. 2,413,614; Dec. 31.
Brake mechanism. E. R. Fitch. 2,406,284; Aug. 20.
Brake mechanism. P. W. Gaenssle. 2,406,212; Aug. 20.
Brake mechanism. G. E. Porter. 2,407,097; Sept. 3.
Brake mechanism, Booster. W. Stelzer. 2,401,892; June 11.
Brake mechanism, Hydraulic. W. Stelzer. 2,407,856; Sept. 17.
Brake mechanism, Power. R. B. Gunderson. 2,406,328; Aug. 27.
Brake mechanism, Pressure actuated. J. G. Oetzel. 2,404,397; July 23.
Brake or clutch, Friction. H. R. Amundsen. 2,402,005; June 11.
Brake rotor. C. E. Tack. 2,411,067; Nov. 12.
Brake shoe. R. B. Pogue. 2,398,245; Apr. 9.
Brake shoe. M. N. Trainer. 2,402,101; June 11.
Brake shoe construction. A. C. Mathieson. 2,400,015; May 7.
Brake shoe spring arrangement. C. E. Bricker. 2,392,970; Jan. 15.
Brake shoe tool. R. E. Plumley. 2,394,562; Feb. 12.
Brake structure. C. Hollerith. 2,411,920; Dec. 3.
Braking system. H. Baade. Re. 22,802; Oct. 15.
Brake system. C. Hollerith. 2,399,868; May 7.
Brake system. C. H. Sauer. 2,395,072; Feb. 19.
Brake system, Hydraulic. C. B. Vickers. 2,399,269–70; Apr. 30.
Brake system, Hydraulic. Y. Z. von Stackelberg. 2,409,335; Oct. 15.
Brake system, Hydrostatic. C. Sauzedde. 2,396,536; Mar. 12.
Brake valve. J. R. Blake. 2,397,234; Mar. 26.
Braking apparatus, Emergency. W. E. Wread, Sr. 2,410,592; Nov. 5.
Braking device, Internal-expanding. W. D. Koch. 2,401,938; June 11.
Braking system for vehicles with a short wheel base, especially railway bogies. B. H. Browall. 2,398,285; Apr. 9.
Brass. G. H. Edmunds. 2,394,673; Feb. 12.
Brass, Anodically polishing. C. L. Faust. 2,407,543; Sept. 10.
Brassière. P. Amyot. 2,401,895; June 11.
Brassière. E. Gerace. 2,400,499; May 21.
Brassière. A. Licht. Re. 22,771; July 16.
Brassière. D. Palmer. 2,411,334; Nov. 19.
Brassière and making same. H. M. Plehn. 2,411,462; Nov. 19.
Brattices, Supporting mine. J. T. Sembower, Jr. 2,395,689; Feb. 26.
Brazing. M. A. Miller. 2,403,109; July 2.
Brazing, Beryllium. G. J. Agule. 2,406,310; Aug. 27.
Brazing, soldering, or the like process. G. H. Lee. 2,411,439; Nov. 19.
Bread and making the same. M. M. Jackson and E. Hauser. 2,412,154; Dec. 3.
Breaker, Circuit. J. M. Cumming. 2,399,328; Apr. 30.
Breaker, Circuit. R. C. Cunningham. 2,403,055; July 2.
Breaker, Circuit. L. W. Dyer and G. J. Freese. 2,400,984; May 28.
Breaker, Circuit. A. W. Hill and J. M. Cumming. 2,403,082; July 2.
Breaker, Circuit. T. Lindstrom and J. W. May. 2,401,005; May 28.
Breaker, Electric circuit. E. B. Rietz and D. K. Tower. 2,401,963; June 11.
Breaker mechanism. J. W. May. 2,393,049; Jan. 15.
Breaker, Vacuum. E. W. N. Boosey. 2,405,639; Aug. 13.
Breaker, Web. J. E. Meyer. 2,399,445; Apr. 30.
Breaking down mechanism. C. E. Tibbals. 2,399,074; Apr. 23.
Breast support. H. Ax. 2,406,576; Aug. 27.
Breathing apparatus. C. B. Jackson, J. H. Schneider, and W. P. Yant. 2,403,981; July 16.
Breathing apparatus. P. E. Meidenbauer, Jr. 2,399,054; Apr. 23.
Breathing apparatus. P. E. Meidenbauer, Jr. 2,406,888; Sept. 3.
Breathing apparatus. C. J. Murphy and W. P. Yant. 2,403,991; July 16.
Brewer, Vacuum coffee. H. G. Blakeslee. 2,392,358; Jan. 8.
Brick, Laying. A. F. Watkins. 2,395,438; Feb. 26.
Brickmaking machine. F. L. Cantrall and J. A. Carlisle. 2,402,367; June 18.
Bridge, Alternating current power. A. E. Harrison. 2,399,674; May 7.
Bridge construction. P. Chapman. 2,402,124–5; June 18.
Bridge, dock gate, and the like, Movable. A. E. S. Temple. 2,411,480; Nov. 19.
Bridge, Rail joint tread. W. G. Buhrer. 2,410,199; Oct. 29.
Bridge saddle, Suspension. S. Johnston. 2,402,408; June 18.
Bridge, Trestle. J. A. Dorst. 2,406,814; Sept. 3.
Bridging matrix for endless sound bands, Producing. H. Westerkamp. 2,404,761; July 23.
Bridging plug. W. B. Steward. 2,399,766; May 7.
Briquetting means. R. T. Bowling. 2,412,709; Dec. 17.
Briquetting press. L. S. Hubbert. 2,398,227; Apr. 9.
Bristle, High capillarity. E. H. Haux. 2,408,718; Oct. 1.
Bristle setting. K. V. Hardman. 2,406,732; Aug. 27.
Broach. F. J. Lapointe. 2,392,823; Jan. 15.
Broach. J. A. Markstrum. 2,392,172; Jan. 1.
Broach machine with work feeding table, Pull. B. Welte. 2,395,702; Feb. 26.
Broach, Rotary. J. Dellso. 2,407,921; Sept. 17.
Broaches, Producing external. J. D. Howell. 2,398,310; Apr. 9.
Broaching machine. A. R. Grad. 2,400,691; May 21.
Broaching machine. J. R. Johnson. 2,394,699; Feb. 12.
Broaching machine. E. H. Krainer. 2,405,434; Aug. 6.
Broaching machine. F. J. Lapointe. 2,408,521; Oct. 1.
Broaching tool. S. J. Snorek. 2,394,723; Feb. 12.
Broad band radiator. D. W. Peterson. 2,411,976; Dec. 3.
Broiler. M. B. Pallich. 2,397,040; Mar. 19.
Broiler and server for domestic ranges, Combination. S. H. Hobson. 2,411,993; Dec. 3.
Broiler, Hot-water type food. G. R. Bossetta. 2,397,643; Apr. 2.
Broiler, Steak. E. H. Hanson, A. Grierson, and R. L. Le Boeuf. 2,400,640; May 21.
Broilers and like food supports, Adjusting. W. R. Jones. 2,395,486; Feb. 26.
Bromination of ketones. F. Bergel and A. Cohen. 2,397,333; Mar. 26.
Bromine and iodine from natural brines, Recovery of. J. Cranston. 2,412,390; Dec. 10.
Brooder. H. L. Clark. 2,407,601; Sept. 10.
Brooder. A. A. Welborn. 2,396,065; Mar. 5.
Brooder house. M. C. Hanisch, Jr. and A. S. Friedman. 2,392,920; Jan. 15.
Broom holder. C. C. Hickman. 2,410,972; Nov. 12.
Broom holder. H. Sokoloff. 2,407,457; Sept. 10.
Brush. R. N. Miller and W. H. Grindall. 2,398,241; Apr. 9.

Brush and art of commutation. H. H. Wikle. 2,409,818; Oct. 22.
Brush and indexing, Assembly. A. G. Davis. 2,402,736; June 25.
Brush backs, Manufacture of. G. F. D'Alelio. 2,413,219; Dec. 24.
Brush diverting apparatus for rotary shredders. J. T. Fiese. 2,392,653; Jan. 8.
Brush, Electrical contact. C. G. Van Brunt. 2,403,471; July 9.
Brush for electrical machinery. E. A. Williford. 2,412,701; Dec. 17.
Brush for use in oil wells, Wire. R. E. Edwards. 2,412,876; Dec. 17.
Brush, Fountain. C. A. Notman. 2,409,952; Oct. 22.
Brush, Greenhouse roof bar cleaning. R. C. Hart. 2,408,555; Oct. 1.
Brush, Paint. L. Y. Booharin. 2,395,245; Feb. 19.
Brush rack. J. H. Corn and F. E. Scott. 2,402,374; June 18.
Brush, Rotary. R. O. Peterson. 2,409,309; Oct. 15.
Brush, Soap holding. W. Novick. 2,408,676; Oct. 1.
Brush, Stud and bolt-cleaning. O. E. Link. 2,404,507; July 23.
Brush with comb, Motor-driven. C. Vrana. 2,400,723; May 21.
Brushes, Formation of. H. Cave. 2,400,809; May 21.
Brushes, Forming. A. L. Le Febvre. 2,402,333; June 18.
Brushing and cleaning apparatus for carpets and the like. E. T. Linderoth. 2,396,861; Mar. 19.
Brushing apparatus. E. T. Linderoth. 2,403,105; July 2.
Bubble blowing device. E. R. Holman. 2,412,732; Dec. 17.
Bubble forming device. R. V. Bradley. 2,398,513; Apr. 16.
Bubble leveling device for training apparatus. G. F. Daly and B. H. Phillips. 2,412,495; Dec. 10.
Bubble pipe. L. G. Pimblett. 2,396,433; Mar. 12.
Buck saw blades, Saw set for. A. Murray. 2,401,264; May 28.
Bucket and forming, Chain dredge. G. R. Hanka. 2,398,786; Apr. 23.
Bucket assembly, Spinning. H. J. McDermott. 2,408,670; Oct. 1.
Bucket, Dragline. A. W. Daniels and J. P. Murtaugh. 2,398,360; Apr. 16.
Bucket, Laminated. H. D. Haley. 2,401,069; May 28.
Bucket locking means. J. B. Botten. 2,405,131; Aug. 6.
Bucket, Portable scrubbing. J. Wilken. 2,392,208; Jan. 1.
Bucking device. E. F. Egger. 2,396,413; Mar. 12.
Buckle and producing the same. O. Gries. 2,407,491; Sept. 10.
Buckle, Metal. C. R. Hennicke. 2,410,850; Nov. 12.
Buckle or coupler. A. J. Gore. 2,392,659; Jan. 8.
Buffer and draft gear. J. E. Graham. 2,408,925; Oct. 8.
Buffer, Eyelash. C. J. Altman. 2,409,823; Oct. 22.
Buffer means for vehicle lateral motor mechanism. G. A. Silverthorne. 2,392,616; Jan. 8.
Buggy, Collapsible baby. E. F. Allenbaugh. 2,410,797; Nov. 12.
Building apparatus, Tire. E. Miller. 2,406,093; Aug. 20.
Building block. E. T. Putnam. 2,413,377; Dec. 31.
Building block forming machine. R. W. Darden. 2,400,431; May 21.
Building block lifter. F. A. Dostal. 2,409,932; Oct. 22.
Building construction. M. H. Carpenter. 2,396,828–9; Mar. 19.
Building construction. H. H. Crafton. 2,392,232; Jan. 1.
Building construction. A. B. Cullen. 2,405,116; Aug. 6.
Building construction. R. L. Davison and G. M. Rapp. 2,392,839; Jan. 15.
Building construction. M. P. Fould. 2,396,257; Mar. 12.
Building construction. H. Gede, Jr. 2,391,960; Jan. 1.
Building construction. T. G. Lindstrom. 2,403,934; July 16.
Building, Construction. MacM. Clements. 2,402,731; June 25.
Building construction. P. Satterlee. 2,402,211; June 18.
Building construction. C. B. Troedsson. 2,397,388; Mar. 26.
Building construction, Corrugated. L. H. Dickelman. 2,406,793; Aug. 27.
Building construction, Miniature sectional. E. Hayden. 2,407,927; Sept. 17.
Building construction, Prefabricated. C. B. K. Van Norman. 2,395,162; Feb. 19.
Building construction, System of. H. Lewis. 2,405,584; Aug. 13.
Building element. O. W. Frost and J. H. Conover. 2,398,632; Apr. 16.
Building element. W. R. Jones. 2,393,379; Jan. 22.
Building form. M. R. Bell. 2,394,423; Feb. 5.
Building machine, Tire. W. J. Breth and R. M. Wormal. 2,409,974; Oct. 22.
Building material. P. M. Snyder. 2,392,272; Jan. 1.
Building, Plural-unit portable. E. S. Guignon, Jr. 2,394,443; Feb. 5.
Building, Prefabricated. E. R. Closs. 2,407,252; Sept. 10.
Building, Sectional. E. S. Guignon, Jr. 2,407,604; Sept. 3.
Building siding. C. A. Weseman. 2,403,318; July 2.
Building structure. G. W. Gilleland. 2,397,345; Mar. 26.
Building structure. W. C. Smith. 2,401,588; June 4.
Building structure, Portable. W. C. Smith. 2,401,589–90; June 4.
Building structure, Prefabricated. C. H. Lindsay. 2,394,702; Feb. 12.
Building with folding walls. F. M. Smith. 2,395,691; Feb. 26.
Bulb, Electric light. O. S. Levi and R. A. Hoyt. 2,405,261; Aug. 6.
Bulb for vehicle lamps, Electric incandescent lamp. R. K. Braunsdorff and L. W. Curtis. 2,396,674; Mar. 19.
Bulb, Resistor. F. G. Kelly. 2,398,892; Apr. 23.
Bulkheads, walls, partitions, and the like, Construction of. A. B. Tickle, Jr. 2,399,151; Apr. 23.
Bulldozer and ripper, Combined. H. E. McCauley. 2,396,739; Mar. 19.
Bulldozer or scraper structure. H. H. Washbond. 2,404,759–60; July 23.
Bullet handling apparatus. R. W. Vergobbi. 2,406,176; Aug. 20.
Bullet, Incendiary. L. B. Christie. 2,398,287; Apr. 9.
Bullet orienting shaker. W. D. Huddleson and T. J. Homan. 2,413,047; Dec. 24.
Bullet protection guard. G. P. Wiedman. 2,393,350; Jan. 22.
Bullet splatter, Protection against. W. E. Swift, Jr. 2,406,047; Aug. 20.
Bullets, Making incendiary. P. H. Burdett. 2,402,018; June 11.
Bullets, Measuring the velocity of. W. L. Carlson, V. D. Landon, and R. L. Harvey. 2,400,189; May 14.
Bumper. L. Domine. 2,411,852; Dec. 3.
Bumper and making the same, Marine. L. Cobb. 2,399,855; May 7.
Bumper, Ship. P. F. Blackman. 2,413,210; Dec. 24.
Bumper, Toilet seat. J. Levine. 2,401,257; May 28.
Buna S with blown oils, Compounding of. I. J. Novak. 2,402,909; June 25.
Bundle and producing the same. J. B. Frear. 2,409,750; Oct. 22.
Bundle trimmer mechanism. A. L. De Spain. 2,393,617; Jan. 29.
Bung. F. M. Spayd. 2,396,027; Mar. 5.
Buoy. S. Mehl, Jr. 2,403,539; July 9.
Buoy, Submarine detecting. M. F. Neuhof. 2,395,679; Feb. 26.
Buoyant electrode cable. H. L. Beede. 2,396,273–4; Mar. 12.
Buoyant electric cable. H. L. Beede. 2,409,529; Oct. 15.
Buoyant electric cable. F. H. Gooding and B. Levinson. 2,396,270; Mar. 12.
Buoyant electrode cable. F. H. Gooding and P. L. Sipp, Jr. 2,396,272; Mar. 12.
Burglar alarm, Portable. C. E. Young. 2,407,122; Sept. 3.
Burial bag. T. E. Tucker. 2,398,477; Apr. 16.
Burner: *See*—

Air-cooled gas burner.	Oil burner.
Charcoal burner.	Pot burner.
Combination gas and liquid fuel burner.	Pressure atomizing oil burner.
Combination heater and refuse burner.	Pulverized fuel burner.
Combustion burner.	Radiant flame compression burner.
Combustion turbine burner.	Radiant oven and broiler burner.
Fuel burner.	Reinforced gas burner.
Gas burner.	Retort type oil burner.
Gas heating burner.	Rotary burner.
Generator type burner.	Self-levelling oil burner.
Horizonal pot type burner.	Spherical liquid fuel burner.
Hydrocarbon combustion tube burner.	Vaporization burner.
Hydroxylating pot type burner.	Vaporizing burner.
Liquid fuel burner.	Weed burner.

Burner, E. B. Glendenning. 2,393,897; Jan. 29.
Burner. R. L. Longini. 2,402,763; June 25.
Burner. H. J. De N. McCollum. 2,402,971; July 2.
Burner. J. W. Miller. 2,392,757; Jan. 8.
Burner. W. S. Sutton. 2,407,188; Sept. 3.
Burner and fuel flow control means. J. L. Breese. 2,409,470; Oct. 15.
Burner and pilot assembly, Pot. A. P. Livar and C. R. Gilmore. 2,393,176; Jan. 15.
Burner construction. G. F. Turner. 2,403,142; July 2.
Burner, construction, Gas. H. E. Mills. 2,396,800; Mar. 19.
Burner control. E. P. Newman. 2,407,438; Sept. 10.
Burner control mechanism. S. G. Isserstedt. 2,398,008; Apr. 9.
Burner device for furnaces. C. L. Gagnon. 2,411,324; Nov. 19.
Burner for army type stoves. J. L. Breese. 2,397,529; Apr. 2.
Burner for fuels in general, Turbulent. H. E. G. J. Clausen and M. A. G. Fabia. 2,395,103; Feb. 19.
Burner for use in refrigerators or in other heat-actuated apparatus, Kerosene. G. E. Jodell. 2,407,426; Sept. 10.
Burner head, Bituminous. R. O. Ladd. 2,395,226; Feb. 19.
Burner of the pressure type, Liquid fuel. H. C. Hebard. 2,402,138; June 18.
Burner structure, Liquid fuel. J. L. Breese. 2,396,821; Mar. 19.

Burner system, Liquid fuel. E. J. Senninger. 2,397,987; Apr. 9.
Burner tip. S. H. White. 2,391,934; Jan. 1.
Burner, vaporizer, and combustion engine, Liquid fuel. F. Whittle. 2,404,335; July 16.
Burners, Igniting. D. Beggs. 2,398,611; Apr. 16.
Burners, Method and apparatus for protecting. J. L. Anderson. 2,404,423; July 23.
Burning tool. F. E. Horne, Jr. 2,394,612; Feb. 12.
Burnishing the surface of paper, Method and machine for. A. R. Trist. 2,404,606; July 23.
Burr remover. P. Cahen. 2,411,985; Dec. 3.
Burr removing apparatus. J. W. King and G. Stuhlfauth. 2,404,180; July 16.
Burr, Self-locking. J. W. Johnston. 2,398,377; Apr. 16.
Bus, Articulated. K. Henrichsen. 2,407,007; Sept. 3.
Bus bar support. W. M. Scott, Jr. 2,396,131; Mar. 5.
Bus duct. L. W. Cole and H. Jensen. 2,407,142; Sept. 3.
Bushing assembly, Drive shaft. T. C. Gerner. 2,403,520; July 9.
Bushing, Coaxial. K. L. Henderson and E. F. De Mers. 2,411,656; Nov. 26.
Bushing for electrical apparatus. S. Terpak and L. Wetherill. 2,402,466; June 18.
Bushing, Making a. W. C. Shriver, Jr. 2,397,626; Apr. 2.
Bushing, Wire thread. H. W. Cram. 2,401,912; June 11.
Bushings, Grinding small holed. J. Kaplan. 2,412,048; Dec. 3.
Bushings, Making resilient. A. S. Krotz. 2,407,559; Sept. 10.
Business machine. R. W. Pitman. 2,400,949; May 28.
Business machine. R. W. Pitman. 2,405,268; Aug. 6.
Business machine. H. C. Yaeger. 2,393,441; Jan. 22.
Bust separator. F. Lustig. 2,406,699; Aug. 27.
Bust support. W. S. Maas. 2,413,060; Dec. 24.
Busy test system. A. E. Joel, Jr. 2,392,090; Jan. 1.
Butadiene and 2-butene, Azeotropic distillation of. F. E. Frey. 2,412,880; Dec. 17.
Butadiene extraction. S. W. Wilson. 2,397,996; Apr. 9.
Butadiene from propene and formaldehyde, Manufacture of. A. R. Workman. 2,412,762; Dec. 17.
Butadiene in a more concentrated form, Obtaining. F. J. Soday. 2,395,959; Mar. 5.
Butadiene, Making. I. L. Murray, J. L. Marsh, and S. P. Smith, Jr. 2,403,741–2; July 9.
Butadiene manufacture. H. W. Scheeline. 2,412,911; Dec. 17.
Butadiene-1,3 hydrocarbons, Acceleration of the polymerization of. E. S. Pfau. 2,397,201; Mar. 26.
Butadiene process, Cyclic. M. E. Hitchcock and J. A. Field. 2,403,743; July 9.
Butadiene, Production of. T. H. Manninen. 2,399,049; Apr. 23.
Butadiene, Production of. W. J. Mattox. 2,395,058; Feb. 19.
Butadiene purification. T. F. Doumani and D. A. Skinner. 2,408,970; Oct. 8.
Butadiene, Recovery method in process for making. J. L. Marsh and M. E. Hitchcock. 2,395,057; Feb. 19.
Butadiene, Separation of. E. J. Cannon and H. A. Stuewe. 2,409,250; Oct. 15.
Butadiene-styrene elastomers. J. R. Vincent. 2,394,952; Feb. 12.
Butadiene-styrene synthetic rubber, Curing. L. R. Sperberg. 2,409,809; Oct. 22.
Butane isomerization. E. L. d'Ouville and B. L. Evering. 2,409,260; Oct. 15.
Butane, Isomerization of. R. J. Patterson. 2,404,923; July 30.
Butane to isobutane, Isomerization of normal. C. W. Montgomery. 2,410,894; Nov. 12.
Butanolamine salts of theophylline. R. S. Shelton. 2,404,319; July 16.
Butter and butter oil concentrate, Making. I. J. Lundal and R. P. Robichaux. 2,407,612; Sept. 10.
Butter extract. L. O. Buxton. 2,404,035; July 16.
Butter extract, Production of. L. O. Buxton. 2,404,036; July 16.
Butter, Extracting. L. O. Buxton. 2,404,037; July 16.
Buttermaking means. H. C. Horneman, R. V. Hussong, S. N. Quam, and B. W. Hammer. 2,395,051; Feb. 19.
Butter manufacture. A. W. Farrall. 2,406,819; Sept. 3.
Butter product and producing same. L. O. Buxton. 2,404,034; July 16.
Butterfly valve. S. P. Kinney and L. M. Hartwick. 2,393,170; Jan. 15.
Butterfly valve. C. E. Sladky. 2,412,918; Dec. 17.
Button, All-plastic integral eye molded. W. F. Reibold and R. P. Magnenat. 2,396,930; Mar. 19.
Button and light shield therefor, Autocollimating. R. N. Freres. 2,393,896; Jan. 29.
Button, Autocollimating. N. O. Broderson. 2,393,883; Jan. 29.
Button, Cuff. O. V. Anderson. 2,396,668; Mar. 19.
Button, Decorative. J. J. Hagerty. 2,397,856; Apr. 2.
Button, Identification. F. D'Antonio. 2,411,987; Dec. 3.
Button, Magnetic. R. Ellis. 2,397,931; Apr. 9.
Button protector. R. A. Gauldin. 2,410,208; Oct. 29.
Button, Reinforced plastic. F. G. Purinton. 2,402,079; June 11.
Button, Screw thread micrometer. R. T. Easton and A. H. Griffith. 2,410,571; Nov. 5.
Button spinning machine. B. Sklerov, H. Sklerov and J. Solinsky. 2,392,954; Jan. 15.
Butt stock, Firearm. M. M. Johnson, Jr. 2,400,422; May 14.
Butyl alcohol, acetone, and ethyl alcohol from watery solutions, Process and apparatus for producing in the pure state. A. Placek. 2,400,370; May 14.
Butylene glycol from carbohydrate fermentation of mashes, Recovery of. R. A. Walmesley and W. R. Davis. 2,397,065; Mar. 19.
By-pass control valve. H. Cruzan. 2,392,213–14; Jan. 1.
C clamp. A. W. Miller. 2,408,801; Oct. 8.
Cab, Baby comfort. W. R. Tolen. 2,400,790; May 21.
Cabin pressure control. P. A. Noxon. 2,396,116; Mar. 5.
Cabin pressure control valve. B. E. Del Mar. 2,407,540; Sept. 10.
Cabin pressure, Regulator. R. J. Schroeder. 2,402,681; June 25.
Cabinet: *See*—

Automatic type form cabinet.	Refrigerator cabinet.
Blood testing cabinet.	Rotary ice cream dispensing cabinet.
Filing cabinet.	Safety key cabinet.
Food dispenser cabinet.	Sanitary pipe cabinet.
Health cabinet.	Sewing and knitting cabinet.
Lens cleaning dispenser cabinet.	Shower cabinet.
Line-starter cabinet.	Toilet or the like cabinet.
Piezoelectric crystal cabinet.	

Cabinet. N. P. McGuire. 2,411,221; Nov. 19.
Cabinet and machine support. H. K. Ullman. 2,401,526; June 4.
Cabinet and shockmount base, Radio. H. T. Winchel. 2,407,804; Sept. 17.
Cabinet combination, Shampoo. J. H. Bower. 2,409,187; Oct. 15.
Cabinet construction, Low temperature. W. U. Vinton and A. H. Myers. 2,399,963; May 7.
Cabinet construction, Low-temperature. R. D. West and W. U. Vinton. 2,399,967; May 7.
Cabinet finishing tool. C. A. Hein. 2,400,929; May 28.
Cabinet for disks and the like. J. A. Heckman. 2,402,044; June 11.
Cabinet for disks and the like. D. L. Painter. 2,402,076; June 11.
Cabinet for electrical apparatus. L. L. Holmes. 2,394,060; Feb. 5.
Cabinet for storing toothbrushes, Wall. W. E. Dunleavy. 2,401,058; May 28.
Cabinet-table, Portable. C. S. Orchard. 2,411,332; Nov. 19.
Cable: *See*—

Battery cable.	Electric cable.
Buoyant electric cable.	Fire detector cable.
Coating lead sheathed cable.	Thermoresponsive cable.

Cable. E. C. Myers. Re. 22,730; Mar. 5.
Cable cutter. R. Temple. 2,411,909; Dec. 3.
Cable for high-frequency oscillators, Power. F. J. Moles. 2,409,640; Oct. 22.
Cable and electrode therefor, Buoyant. F. H. Gooding. 2,396,269; Mar. 12.
Cable clamp. P. S. Everley. 2,401,418; June 4.
Cable connection, High voltage. A. Meyerhans. 2,396,871; Mar. 19.
Cable connector. E. A. Midling. 2,399,133; Apr. 23.
Cable cutter. A. A. Kottmann. 2,402,057; June 11.
Cable cutter. B. A. Wiener. 2,396,731; Mar. 19.
Cable fitting. E. E. Hardesty. 2,394,609; Feb. 12.
Cable for production of magnetic fields. E. W. Greenfield. 2,393,466; Jan. 22.
Cable grip. W. D. Kyle. 2,398,013; Apr. 9.
Cable harness clamp. W. L. Trafton. 2,404,110; July 16.
Cable joint. A. F. Gambitta. 2,406,676; Aug. 27.
Cable lasher. V. M. Macy. 2,402,172; June 18.
Cable, Prestressing. V. T. Swanson. 2,398,975; Apr. 23.
Cable reel. J. J. Slomer. 2,395,302; Feb. 19.
Cable slitting machine. W. C. Pope. 2,413,192; Dec. 24.
Cable splice vulcanizing mold. W. G. Prentice. 2,407,683; Sept. 17.
Cable-stitch holder. G. R. Marshall. 2,404,855; July 30.
Cable straightener. A. Taramaschi. 2,407,040; Sept. 3.
Cable stripping device. J. M. Lucarelle and E. Fedell. 2,393,919; Jan. 29.
Cable stripping tool. E. G. Torrence. 2,410,252; Oct. 29.
Cable stripping tool. C. S. Vaughan, Jr. 2,398,979; Apr. 23.
Cable system, Gas-filled. L. Wetherill. 2,401,595; June 4.
Cable tension regulator. R. M. Sheldon. 2,405,062; July 30.
Cable tension regulator. J. Sturgess, J. W. Cade, and C. W. Savitz. 2,405,377; Aug. 6.
Cables, Joint and terminations for electric power. T. R. Scott and E. C. Lee. 2,402,451; June 18.
Cables, Making elastic coil. P. C. Geraty. 2,394,762; Feb. 12.
Cables, Terminating high tension. H. W. Papst. 2,396,283; Mar. 12.
Cables, Vise for splicing. J. M. Huntington and J. W. Lawlor. 2,399,870; May 7.
Caddy, Mechanical. R. E. Allen. 2,406,183; Aug. 20.

Cadmium yellow pigment, Manufacture of. L. F. Nerlinger. 2,406,472; Aug. 27.
Caffein, Recovering. R. E. Kremers. 2,391,981; Jan. 1.
Cage, Animal. W. Hegener. 2,410,879; Nov. 12.
Cage construction unit, Teller. J. W. Calvert. 2,401,226; May 28.
Cage, Fish. J. H. Ethridge. 2,413,552; Dec. 31.
Cage for ball bearings. C. H. Smith and E. G. Longman. 2,407,388; Sept. 10.
Cage member. W. B. Pope. 2,404,190; July 16.
Cage, Queen bee shipping and introducing. J. Ashurst. 2,403,940; July 9.
Cages, Making roller. O. H. Banker. 2,409,236; Oct. 15.
Cages, Safety means for mine. E. Bjerke. 2,403,333; July 2.
Caging mechanism. G. Long. 2,406,698; Aug. 27.
Caisson and the like, Floatable substructural. T. Aston. 2,396,226; Mar. 12.
Cake cutter. A. J. Parraga. 2,403,190; July 2.
Cake, Decorated. T. McKee. 2,394,322; Feb. 5.
Calcareous materials, Method and apparatus for heat treating. W. A. Reaney. 2,410,235; Oct. 29.
Calcining apparatus. V. J. Azbe. 2,409,527; Oct. 15.
Calcining materials, Method and apparatus for. W. E. Hessman. 2,409,206; Oct. 15.
Calcium fluoride, Manufacturing of. E. J. Breton and W. H. Waggaman. 2,410,043; Oct. 29.
Calculating device. W. F. Cleaver. 2,405,687; Aug. 13.
Calculating device. J. R. Desch and R. E. Mumma. 2,404,697; July 23.
Calculating device, Electronic. R. L. Snyder, Jr. 2,404,106; July 16.
Calculating device, Hardness. J. C. Clifton and F. W. Rabars. 2,392,461; Jan. 8.
Calculating equipment, Electrically operated. L. B. Haigh. 2,411,540; Nov. 26.
Calculating machine. D. Broido. 2,408,134; Sept. 24.
Calculating machine. B. Carlström, E. Grip, and S. Toorell. 2,398,286; Apr. 9.
Calculating machine. G. C. Chase. 2,399,170; Apr. 30.
Calculating machine. G. S. Christie. 2,396,249; Mar. 12.
Calculating machine. C. M. Friden and A. B. Machado. 2,399,917; May 7.
Calculating machine. C. M. Friden and A. B. Machado. 2,401,473; June 4.
Calculating machine. C. M. Friden and A. B. Machado. 2,403,273; July 2.
Calculating machine. C. M. Friden and J. L. Moody. 2,403,069; July 2.
Calculating machine. J. M. Laiho. 2,410,823; Nov. 12.
Calculating machine. W. E. Mathi. 2,400,244; May 14.
Calculating machine. T. O. Mehan. 2,411,050; Nov. 12.
Calculating machine. T. O. Mehan and H. E. Hooe. 2,396,188; Mar. 5.
Calculating machine. J. L. Moody. 2,403,111; July 2.
Calculating machine. R. E. Mumma. 2,404,739; July 23.
Calculating machine, Key responsive. F. A. Niemann. 2,402,569; June 25.
Calculating machine, Typewriting. C. D. Lake and F. E. Hamilton. 2,403,005; July 2.
Calculating or indicating device. A. F. Pym. 2,392,877; Jan. 15.
Calculator. H. G. McDowell. 2,393,922; Jan. 29.
Calculator. A. L. Thurston. 2,405,803; Aug. 13.
Calculator or distance and course computer, Rhumb line. J. E. Clemons and J. G. Nelson. 2,405,113; Aug. 6.
Calculator, X-ray exposure. W. A. Williams. 2,411,491; Nov. 19.
Caldron, Electric. B. I. Wina. 2,405,103; July 30.
Calendar. C. P. Potter. 2,393,809; Jan. 29.
Calendar. D. L. Skene. 2,400,268; May 14.
Calendar, Dial. N. L. Dootson. 2,409,347; Oct. 15.
Calendar, Perpetual. L. Bernstein. 2,411,185; Nov. 19.
Calendar, Perpetual. J. Kaufman. 2,401,162; May 28.
Calendar, Perpetual. P. L. Mayhew. 2,397,877; Apr. 2.
Calibrating device. P. C. Gardiner and J. E. Maynard. 2,409,845; Oct. 22.
Caliper. J. C. O'Loughlin. 2,394,328; Feb. 5.
Caliper brace. J. Kolarik. 2,413,634; Dec. 31.
Calipers, Combination indicating. I. V. Thulin. 2,395,154; Feb. 19.
Calipers, Double. D. H. Sayward. 2,410,686; Nov. 5.
Calk. H. A. Sampson. 2,406,476; Aug. 27.
Call key for automatic telephone dialers. T. W. MacKenzie. 2,398,019; Apr. 9.
Calling device. J. E. Bosh. 2,394,360; Feb. 5.
Calling system, Dial selective. C. W. Burcky. 2,411,191; Nov. 19.
Cam grinding machine. C. J. Green. 2,412,144; Dec. 3.
Cam mechanism. G. A. Crowther. 2,402,027; June 11.
Cam member, Adjustable. F. A. Pritchard. 2,402,447; June 18.
Camshaft assembly. N. P. Lloyd. 2,403,868; July 9.
Camera. W. J. Cameron. 2,400,483; May 21.
Camera. J. W. Doyle, A. G. Nash, and F. W. Stellwagen. 2,399,476; Apr. 30.
Camera. L. Frankel. 2,413,443; Dec. 31.
Camera. J. N. Graef. 2,406,366; Aug. 27.
Camera. W. C. Huebner. 2,406,770; Sept. 3.
Camera. W. E. Pratt. 2,407,902; Sept. 17.
Camera. A. Ringer. 2,395,194; Feb. 19.
Camera. S. N. Wekeman. 2,402,107; June 11.
Camera. S. N. Wekeman. 2,408,247; Sept. 24.
Camera attachments, Coupling means for. H. Nagel. 2,401,367; June 4.
Camera bed plates, Adjusting. F. P. Willcox. 2,397,573; Apr. 2.
Camera construction, Photograph. M. Schwartz and W. Castedello. 2,403,308; July 2.
Camera, Continuous strip. G. E. Merritt and B. W. Jones. 2,397,031; Mar. 19.
Camera diaphragm, Electrically controlled. E. S. Peterson. 2,393,407; Jan. 22.
Camera film box. J. W. McCutcheon. 2,409,949; Oct. 22.
Camera, Folding photographic. D. G. Hunter. 2,406,772; Sept. 3.
Camera for aerial photography. D. Hancock, Jr., and H. E. Meinema. 2,413,349; Dec. 31.
Camera, High-speed. C. D. Miller. 2,400,885; May 28.
Camera, High-speed motion-picture. C. D. Miller. 2,400,887; May 28.
Camera, Miniature. C. Y. Berry. 2,410,327; Oct. 29.
Camera, Multishutter. J. A. London. 2,413,058; Dec. 24.
Camera operating control. G. T. Burrell. 2,410,925; Nov. 12.
Camera or printer, Continuous. R. Place. 2,411,694; Nov. 26.
Camera, Photographic. R. P., K. W., K. B. Beattie, and R. P. Beattie, II. 2,411,704; Nov. 26.
Camera, Photographic. J. Bolsey. 2,409,605; Oct. 15.
Camera, Photographic. G. A. Brueske. 2,408,549; Oct. 1.
Camera, Photographic. H. Nagel and J. L. Crooks. 2,396,874; Mar. 19.
Camera, Photographic. J. G. Zuber. 2,392,212; Jan. 1.
Camera, Photographic roll film. C. Kallusch. 2,395,828; Mar. 5.
Camera, Professional photographic. M. Resk. 2,408,811; Oct. 8.
Camera, Recording. W. Levine. 2,406,152; Aug. 20.
Camera, Reduction. L. S. Williams. 2,412,761; Dec. 17.
Camera, Roll film. E. F. McDonald, Jr., and K. Emde. 2,396,869; Mar. 19.
Camera, Scanning. F. T. Sonne and V. Sussin. 2,409,597; Oct. 15.
Camera shutter. C. H. Harris. 2,397,546; Apr. 2.
Camera shutter. C. G. Tranefors. 2,398,567; Apr. 16.
Camera shutter blade opener. C. C. Fuerst. 2,412,681; Dec. 17.
Camera, Shutterless aerial. R. R. Vought. 2,401,530; June 4.
Camera, Tilting. B. Wheelwright. 2,413,272; Dec. 24.
Cameras, Automatic operation of diaphragms and shutters of portrait. W. S. Kais. 2,397,742; Apr. 2.
Cameras for making flashlight aerial photographs, Operating aerial. O. Steiner. 2,393,575; Jan. 22.
Camouflage detection. E. E. Jelley and L. S. Wilder. 2,403,722; July 9.
Camouflage detection. E. I. Stearns and W. A. Shurcliff. 2,402,786 June 25.
Camouflage structure, Cardboard. J. V. Horr. 2,393,776; Jan. 29.
Campaign bar and mounting therefor. J. Wolf. 2,392,351; Jan. 8.
Camphor tablets, Making transparent. G. Etzel and T. E. Dillon. 2,395,321; Feb. 19.
Can: *See*—
Deodorant can.
Can and marking means. A. L. Kronquest. 2,406,151; Aug. 20.
Can-beading machine. W. I. Gladfelter and W. A. Ehrlich. 2,407,776; Sept. 17.
Can feed, Oval. J. Albertoll. 2,405,805; Aug. 13.
Can-feeding means. C. H. Abbott. 2,399,087; Apr. 23.
Can feeding mechanism. J. Simpson. 2,395,511; Feb. 26.
Can making machine. L. L. Jones. 2,409,631; Oct. 22.
Can opener. J. M. Johnson. 2,403,373; July 2.
Can opener. T. A. Long. 2,411,099; Nov. 12.
Cans. R. S. Sofinsky. 2,403,030; July 2.
Cans or similar containers, Device for sealing cylindrical. G. K. Charles. 2,401,461; June 4.
Candle holder. R. L. Gould. 2,393,767; Jan. 29.
Cane and sorghum, Utilizing maize. A. Zajotti and C. Tellini. 2,404,762; July 23.
Cane, Shell. R. R. Dumbleton. 2,392,083; Jan. 1.
Canister, Air purifying. W. P. Yant. 2,400,185; May 14.
Canister, Gas mask. W. E. Gross. 2,406,368; Aug. 27.
Canister support. F. M. Hobson and E. E. Brady, Jr. 2,400,146; May 14.
Canning device. R. H. Wolf. 2,393,491; Jan. 22.
Cannon feed unit. E. J. Meyer. 2,397,501; Apr. 2.
Cannula. A. P. Hudgins. 2,392,045; Jan. 1.
Canoe or the like, Sectional. E. A. Link. 2,406,085; Aug. 20.
Canvas device, Antiskid. A. Porcelli. 2,408,152; Sept. 24.
Cap: *See*—
Automatic gas pressure relief bottle cap.
Bottle cap.
Container cap.
Detonator or blasting cap.
Flue cap.
Hair waving cap.
Hood cap.
Military cap.
Projectile cap.
Radiator pressure cap.
Valve cap.

Cap. J. W. Fankhanel. 2,392,238; Jan. 1.
Cap arranging device. J. Hohl and L. Klatt. 2,400,419; May 14.
Cap cleaner. G. L. Reenstierna. 2,396,388; Mar. 12.
Cap for collapsible tubes, Conical. G. L. Lateur. 2,404,879; July 30.
Cap for exhaust pipes and the like. S. R. Rubin. 2,402,669; June 25.
Cap for shoes, Box toe. F. N. La Chapelle. 2,401,574; June 4.
Caps, Bottle. C. J. Malm and G. J. Clarke. 2,403,734; July 9.
Caps or covers, Method and apparatus for making. L. G. Zesbaugh. 2,407,465; Sept. 10.
Capacitor, Electrical. K. H. Ballard. 2,395,442; Feb. 26.
Capacitor, Electrical. A. J. Deyrup. 2,398,176; Apr. 9.
Capacitor, Electrical. W. Dubilier. 2,398,417; Apr. 16.
Capacitor fuel gauge. F. R. Sias and D. B. Pearson. 2,409,073; Oct. 8.
Capacitor protection, Series. R. E. Marbury. 2,399,367; Capacitor, Water-cooled. R. E. Marbury and C. V. Fields. 2,412,898; Dec. 17.
Capacitors, Making mica. J. A. Fried. 2,403,971; July 16.
Capacitors, Manufacture of electrical. K. H. Ballard. 2,399,313; Apr. 30.
Capacity controlled textile press. G. C. Devol, Jr., E. M. Pritchard, and E. W. Sherman. 2,395,780; Feb. 26.
Capacity switch. O. M. Woodward. 2,400,619; May 21.
Cape, Shampoo. C. E. O. Larkin. 2,413,456; Dec. 31.
Capillary active agents. W. Hentrich, H. J. Engelbrecht, and E. Schirm. 2,394,307; Feb. 5.
Caponizing instrument. I. L. Weber and M. H. Weber. 2,406,647; Aug. 27.
Capper, Bottle. R. Sonnenberg. 2,397,297; Mar. 26.
Capsule. J. O. Scherer. 2,397,051; Mar. 19.
Capsule cleaner. N. L. Kisling. 2,401,081; May 28.
Capsule filling device. R. W. Smith. 2,412,637; Dec. 17.
Capsule, Hydraulic scale. B. D. Feld. 2,411,251; Nov. 19.
Capsules, Forming closed metal. G. E. Franck. 2,405,201; Aug. 6.
Car: *See*—
High capacity mine car.
Railway car.
Railway freight car.
Refrigerator car.
Shuttle car.
Tractor drawn freight hauling car.
Car and trailer, Hopper bottom. J. D. Benbow and G. W. Sines. 2,401,407; June 4.
Car bodies, Making railway. A. C. Lohse. 2,405,793; Aug. 13.
Car body. N. H. S. Pehrson. 2,411,226; Nov. 19.
Car brake. L. G. Miller and W. H. Statler. 2,411,974; Dec. 3.
Car construction. G. E. Dath. 2,402,987; July 2.
Car construction. D. Hindahl. 2,409,856; Oct. 22.
Car construction. J. F. Monger. 2,392,759; Jan. 8.
Car construction, Dump. F. Hoelzgen. 2,405,696; Aug. 13.
Car coupling. A. R. Bledess. 2,395,716; Feb. 26.
Car-dumping apparatus. G. W. Merritt. 2,407,569; Sept. 10.
Car-loaded boxes, Spacer for. C. M. Ellis. 2,402,808; June 25.
Car roof joint. J. M. Rudel. 2,413,379; Dec. 31.
Car roof, Railway. V. E. West. 2,410,191; Oct. 29.
Car roof structure. A. F. O'Connor. 2,412,283. Dec. 10.
Car structure, Railway. G. G. Gilpin. 2,409,035; Oct. 8.
Car structure, Railway refrigerator. E. R. Battley and G. E. McCoy. 2,402,980; July 2.
Carbalkoxylation of organic compounds. V. H. Wallingford and A. H. Homeyer. 2,407,942; Sept. 17.
Carbamate and polymers thereof, Unsaturated. A. G. Chenicek. 2,401,549; June 4.
Carbamate, Unsaturated. F. Strain. 2,397,631; Apr. 2.
Carbamide derivatives, Manufacture of. J. R. Durland. 2,410,407; Nov. 5.
Carbazole from crudes thereof, Separating. J. O'Brochta and H. Rodman, Jr. 2,407,677; Sept. 17.
Carbiding. E. A. Thurber and L. A. Wooten. 2,400,893; May 28.
Carbine. F. W. Sampson. 2,405,758; Aug. 13.
Carbohydrate derivatives. J. N. Borglin. 2,392,359; Jan. 8.
Carbon, Activating primary. W. C. and O. P. M. Goss. 2,405,206; Aug. 6.
Carbon arc electrode holder. S. Chronis. 2,405,403; Aug. 6.
Carbon black, Method and apparatus for producing. F. H. Amon. 2,399,591; Apr. 30.
Carbon black, Treatment of. H. M. Smallwood. 2,408,696; Oct. 1.
Carbon body, Insulated. O. Conradty. 2,394,041; Feb. 5.
Carbon dioxide from gases, Extracting. F. H. May. 2,395,565; Feb. 26.
Carbon dioxide from gases, Recovering. F. H. May. 2,395,564; Feb. 26.
Carbon disulphide, Purifying. M. L. Spealman. 2,402,785; June 25.
Carbon for arc lights. E. M. Miller. 2,393,396; Jan. 22.
Carbon holder. A. T. Steingard. 2,407,854; Sept. 17.
Carbon, Making of activated. A. M. Thomsen. 2,403,140; July 2.
Carbon, Manufacture of activated. A. C. Stoneman. 2,402,804; June 18.
Carbon pack for manifolding typewriters. L. A. Petit. 2,393,409; Jan. 22.
Carbon pieces, Making artificial. A. Richon. 2,403,301; July 2.
Carbon pile electric regulator. J. H. Johnston. 2,412,811; Dec. 17.
Carbon pile regulator. W. J. Rady. 2,400,136; May 14.
Carbon pile voltage regulator. W. G. Neild. 2,405,514; Aug. 6.
Carbon shapes, Decreasing the permeability of fabricated. L. F. Marek. 2,392,682; Jan. 8.
Carbon to sheets, Applying. J. A. La Hatte and R. B. Smith. 2,402,559; June 25.
Carbonating device. J. H. Goldberg. 2,402,132; June 18.
Carbonator. P. Andron and H. Krichman. 2,404,679; July 23.
Carbonator. C. V. Di Pietro. 2,401,916; June 11.
Carbothermic magnesia. A. C. Byrns. 2,410,267; Oct. 29.
Carboxylic acid anhydrides, Manufacture of. J. W. Fisher. 2,411,567; Nov. 26.
Carboxylic acid substituted amines, Forming. F. C. Bersworth. 2,411,019; Nov. 12.
Carboy and assembling. J. W. Nygren. 2,410,179; Oct. 29.
Carburation apparatus for internal-combustion engines and the like. C. A. Pugh. 2,408,879; Oct. 8.
Carbureter. H. A. Carlson. 2,407,534; Sept. 10.
Carbureter. H. A. Carlson and O. J. Eickmann. 2,407,535; Sept. 10.
Carburetion system for internal-combustion engines. L. A. Serrano. 2,406,913; Sept. 3.
Carburetor. J. F. Armstrong. 2,397,520; Apr. 2.
Carburetor. G. M. Bicknell. 2,402,361; June 18.
Carburetor. G. M. Bicknell. 2,408,726; Oct. 8.
Carburetor. M. E. Chandler. 2,393,144; Jan. 15.
Carburetor. M. E. Chandler. 2,393,290; Jan. 22.
Carburetor. R. D. Curk. 2,412,563; Dec. 17.
Carburetor. S. F. Czerner. 2,409,739; Oct. 22.
Carburetor. D. J. Enright. 2,405,563; Aug. 13.
Carburetor. G. R. Ericson. Re. 22,742; Apr. 9.
Carburetor. S. F. Hunt. 2,403,720; July 9.
Carburetor. M. E. Jones. 2,395,554; Feb. 26.
Carburetor. M. E. Jones. 2,399,637; May 7.
Carburetor. M. Mallory. 2,404,645; July 23.
Carburetor. O. Oswald. 2,393,118; Jan. 15.
Carburetor. R. W. Sloane and E. M. Bimberg. 2,406,114; Aug. 20.
Carburetor. A. L. Thompson. 2,410,758; Nov. 5.
Carburetor accelerating pump. W. H. Weber. 2,400,035; May 7.
Carburetor anti-icing device. S. E. Heymann. 2,398,094; Apr. 9.
Carburetor arrangement. A. B. Metsger. 2,396,279; Mar. 12.
Carburetor attachment. J. Hutchinson. 409,937; Oct. 22.
Carburetor, Auxiliary. H. C. Ware. 2,399,841; May 7.
Carburetor device. H. A. Carlson and O. J. Eickmann. 2,394,663; Feb. 12.
Carburetor, Dual. S. M. Udale. 2,399,079; Apr. 23.
Carburetor for internal-combustion engines. M. Mallory. 2,392,681; Jan. 8.
Carburetor, High pressure fuel. T. A. St. Clair. 2,393,125; Jan. 15.
Carburetor, Nonicing. G. M. Bicknell. 2,410,564; Nov. 5.
Carburetor of the fuel injection type. M. L. Mennesson. 2,392,055; Jan. 1.
Carburetor, Power limiting. S. M. Udale. 2,399,077; Apr. 23.
Carburetor, Pressure. S. M. Udale and B. Beard. 2,396,031; Mar. 5.
Card, Display. E. C. Chittum. 2,401,615; June 4.
Card, Display. C. Newman. 2,401,177; May 28.
Card filing or grouping apparatus. I. B. Whetstone. 2,411,645; Nov. 26.
Card index. A. M. Soria and R. Celesia. 2,402,301; June 18.
Card mounting or the like, Ornamental. J. Byck. 2,394,980; Feb. 19.
Card playing device. M. A. Von Babo. 2,395,088; Feb. 19.
Card playing instruction device. M. A. Von Babo. 2,395,087; Feb. 19.
Card selector machine. W. H. van Benschoten. 2,395,923; Mar. 5.
Card selector machine. W. H. Wade. 2,395,924; Mar. 5.
Card selector machine. C. Walker. 2,395,306; Feb. 19.
Card table accessory, Multiple purpose. M. Skinner. 2,400,610; May 21.
Card terminal plug. J. M. Sions. 2,408,583; Oct. 1.
Carding engine. J. Locke. 2,403,384; July 2.
Cards, Mounting and display. A. R. Nutt. 2,403,746; July 9.
Cargo carrier. C. A. Volf. 2,404,673; July 23.
Cargo ship construction. P. Thompson. Re. 22,815; Dec. 3.
Cargo stop. E. C. Seward. 2,411,900; Dec. 3.
Carotene extraction. H. M. Barnett. 2,412,707; Dec. 17.
Carotene, Purification of. M. E. Wall and E. G. Kelley. 2,394,278; Feb. 5.

Carriage: *See*—
Baby carriage.
Carriage. W. A. Spear. 2,401,387; June 4.
Carriage, Baby. S. and N. J. Kroll. 2,399,359; Apr. 30.
Carriage, Baby. C. A. Wylie. 2,395,208; Feb. 19.
Carriage chuck and boring bar. J. P. Johnson. 2,401,078; May 28.
Carriage for metal drawing apparatus. R. W. Andrews, Jr., and A. T. Delly. 2,410,594; Nov. 5.
Carriage, Miner's drill. S. W. McDougall. Re. 22,746; Apr. 23.
Carriage, Steering baby. E. Lachance. 2,398,650; Apr. 16.
Carriage, Track roller. D. D. Brush. 2,412,598; Dec. 17.
Carriage with airplanes for sustaining same, Master. J. O. Savage. 2,413,074; Dec. 24.
Carriage, Work. C. K. Lamb. 2,405,259; Aug. 6.
Carrier *See*—
Article or luggage carrier.
Automobile luggage carrier
Auxiliary wheel and tire carrier.
Beverage bottle carrier.
Bicycle carriage.
Bottle carrier.
Bottle holder and carrier.
Cargo carrier.
Cartridge carrier.
Collapsible bottle carrier.
Detachable luggage carrier.
Drill bit carrier.
Flying aircraft carrier
Game carrier.
Golf bag carrier.
Grain carrier.
Human carrier.
Luggage carrier.
Orifice plate carrier.
Portable bottle carrier.
Shopping bag carrier.
Tank carrier.
Vehicle wheel carrier.
Wheeled carrier.
Work carrier.
Carrier and carton, Foldable end wall. W. A. Ringler. 2,406,711; Aug. 27.
Carrier apparatus. J. E. Gorrell and A. S. Thyberg. 2,396,368; Mar. 12.
Carrier attachment for mobile cranes, Retractable front. M. M. Botnick. 2,411,022; Nov. 12.
Carrier, Convertible and adjustable article. J. E. Kalske. 2,394,782; Feb. 12.
Carrier current control system. P. B. Korneke, Jr. 2,394,786; Feb. 12.
Carrier for automobiles, Platform. P. L. Hemp. 2,394,447; Feb. 5.
Carrier for full-fashioned knitting machines. R. J. Scheller. 2,407,103; Sept. 3.
Carrier for milk cans and the like, Wheeled. J. R. Jimenez. 2,396,325; Mar. 12.
Carrier for revolver loaders. H. C. Lima. 2,396,184; Mar. 5.
Carrier for workmen, Wire. J. P. Hickey. 2,400,417; May 14.
Carrier, Game. S. S. Relshus. 2,394,805; Feb. 12.
Carrier modulation. L. M. Leeds. 2,393,785; Jan. 29.
Carrier projectile. F. Larvick. 2,396,666; Mar. 19.
Carrier structure. C. C. Smith and D. V. Water- 2,409,518; Oct. 15.
Carrier telegraph terminal circuit. J. H. Brundage. 2,395,451; Feb. 26.
Carrier-wave generating system. N. P. Case. 2,398,694; Apr. 16.
Carriers for trucks or the like, Spare tire. O. F. Ullman. 2,400,274; May 14.
Carrying apparatus. H. E. Robinson. 2,394,264; Feb. 5.
Carrying case. H. S. Hunt. 2,405,955; Aug. 20.
Carrying case. J. A. Obermaier. 2,397,975; Apr. 9.
Carrying device, Bottle. B. R. and R. C. Bradley. 2,401,679; June 4.
Carrying device, Portable. H. A. Caton. 2,399,786; May 7.
Carrying rack. F. Haloski. 2,392,043; Jan. 1.
Carrying, transferring, and shut-off devices, Fluid. L. W. Vizzy. 2,405,864; Aug. 13.
Cars, Spring suspension for railroad. A. F. Hickman. 2,402,161; June 18.
Cart. J. G. and R. A. Cunningham. 2,393,149; Jan. 15.
Cart, Basket carrying. H. I. Sides. 2,398,863; Apr. 23.
Cart, Cafeteria. J. R. and D. H. Boldt. 2,413,164; Dec. 24.
Cart, Collapsible child's. A. R. Jackson. 2,395,275; Feb. 19.
Cart, Golf club. C. F. Hartung. 2,411,965; Dec. 3.
Cart, Pack. H. C. Talbott. 2,401,986; June 11.
Cart, Push. G. F. Sirman. 2,406,169; Aug. 20.
Cart, Shopping. W. S. Brede. 2,393,020; Jan. 15.
Cart, Utility hand. H., Sr., H., Jr., and L. Klinzmann. 2,399,642; May 7.
Cartography. R. B. Fuller. 2,393,676; Jan. 29.
Carton. P. Belden. 2,399,537; Apr. 30.
Carton. A. E. Bentham. 2,398,402; Apr. 16.
Carton. A. E. Bentham. 2,401,742; June 11.
Carton. W. P. Frankenstein. 2,397,135; Mar. 26.
Carton. W. P. Frankenstein. 2,397,934; Apr. 9.
Carton. S. R. Howard. 2,395,663; Feb. 26.
Carton. S. Lighter. 2,395,558; Feb. 26.
Carton. F. A. Marx. 2,399,649; May 7.
Carton. V. R. Pantalone. 2,397,041; Mar. 19.
Carton and blank, Pouring. J. J. Sullivan. 2,403,138; July 2.
Carton construction, Molded. R. Guyer and R. M. Dunning. 2,411,622; Nov. 26.
Carton for sealing by immersion. S. Bergstein. 2,412,031; Dec. 3.
Carton forming and filling machine. E. S. Tascher and W. Bazant. 2,412,370; Dec. 10.
Carton forming machine. E. S. Tascher. 2,412,369; Dec. 10.
Carton, Lined. H. J. Stotter. 2,407,802; Sept. 17.
Carton, Liquid. O. P. Downing. 2,393,758; Jan. 29.
Carton, Novelty. S. Isenberg. 2,396,010; Mar. 5.
Carton, One-piece self-locking. A. C. Beardsell. 2,393,277; Jan. 22.
Carton, One-piece self-locking. A. C. Beardsell. 2,393,734; Jan. 29.
Carton or container. K. T. Buttery. 2,403,047; July 2.
Carton, Portable. C. A. Stopper. 2,400,443; May 14.
Carton, Receptacle dispensing. W. E. Amberg. 2,405,107; Aug. 6.
Carton, Reclosable. G. Yungblut. 2,396,310; Mar. 12.
Carton, Sift-proof. T. F. Cass, Jr. 2,406,061; Aug. 20.
Carton with bellows closure, Liquidproof fiberboard. J. A. Zinn, Jr. 2,412,666; Dec. 17.
Carton with transparent window, Paper display. J. D. Caiml. 2,409,736; Oct. 22.
Cartridge. R. E. McGahey, Jr. 2,394,249; Feb. 5.
Cartridge assembly, Explosive. T. F. Bennett. 2,403,488; July 9.
Cartridge assembly, Explosive. R. Martin. 2,396,518; Mar. 12.
Cartridge, Bearing seal. D. N. Evans. 2,405,120; Aug. 6.
Cartridge carrier. R. M. Perry. 2,397,200; Mar. 26.
Cartridge carrier. R. M. Perry. 2,413,580; Dec. 31.
Cartridge cases and the like, Manufacture of. W. H. Raven and W. H. Heron. 2,397,370; Mar. 26.
Cartridge crystal holder. S. A. Bokovoy. 2,395,034; Feb. 19.
Cartridge cutting and trimming device. G. T. Smiley. 2,395,200; Feb. 19.
Cartridge, Dry firing. J. F. Jack. 2,405,308; Aug. 6.
Cartridge, Explosive. H. C. Grant, Jr. 2,393,629; Jan. 29.
Cartridge firing device for cannons, guns, etc., Blank. B. H. Smith. 2,396,896; Mar. 19.
Cartridge for actuating gas pressure operated mechanical devices. E. Whitworth, T. Thomson, and R. Wark. 2,398,683; Apr. 16.
Cartridge for guns. J. O. Evans, Jr. 2,410,435; Nov. 5.
Cartridge machines, Selective loader for. J. H. Woodberry and F. W. Hoewischer. 2,402,195; June 18.
Cartridge, Waterproof explosive. A. W. Baker. 2,408,189; Sept. 24.
Cartridges, abrasive sheets, scouring pads and the like, Making filler. F. W. Manning. 2,411,660; Nov. 26.
Case: *See*—
All purpose utility pencil case.
Beverage bottle case.
Bottle case.
Carrying case.
Cigarette case.
Combination cigarette and card case.
Compartmented fiberboard egg case.
Cosmetic case.
Drill case.
Hypodermic needle case.
Instrument case.
Key case.
Leakproof powder case.
Packing case.
Plastic milk carton case.
Pocket case.
Projectile case.
Tiltable shelves drill holder case.
Water resistant watch case.
Case. A. J. Schwartz. 2,397,439; Mar. 26.
Case and table, Combined carrying. J. Milkoff. 2,406,237; Aug. 20.
Case core members for electrical apparatus. G. R. Anderson. 2,392,802; Jan. 15.
Case for internal-combustion engines, Crank. T. L. Fawick. 2,394,675; Feb. 12.
Case for lipstick and the like. C. Nehrke. 2,402,072; June 11.
Case for wrist watches and the like, Display. W. Helbeln. 2,410,161; Oct. 29.
Case hardening. R. G. Le Tourneau. 2,401,833; June 11.
Case hardening hollow metal members. C. L. Snyder. 2,398,809; Apr. 23.
Case or crate and shook therefor, Shipping. G. G. Wheat. 2,406,448; Aug. 27.
Case unloading machine. A. C. Davis. 2,400,542; May 21.
Cased drill holes, Method and apparatus for investigation of. J. Neufeld. 2,400,593; May 21.
Casein compound. C. D. Ender. 2,401,919; June 11.
Casein from seeds, Extraction of. R. L. Wormell. 2,406,650; Aug. 27.
Cash register. W. S. Gubelmann. 2,404,170; July 16.
Cashew nut shell liquid, Treating. N. E. Berry and R. E. Kremers. 2,402,940; July 2.
Casing. A. J. Freeman. 2,410,206; Oct. 29.
Casing, Cooled boiler. D. M. Schoenfeld. 2,393,822; Jan. 29.
Casing for lateral bores, Well. J. A. Zublin. 2,397,070; Mar. 19.
Casing for truck and freight car heaters. P. A. and E. M. Anderson, Sr., E. W. Hansen, and J. H. Edwards. 2,407,124; Sept. 3.
Casing, Magnetron. P. L. Spencer. 2,408,236; Sept. 24.
Casing, Sectional enclosing. C. W. Wood. 2,401,598; June 4.

Casing structure, Toaster. J. R. Heilman. 2,407,984; Sept. 24.
Casing, Toy and ball. E. C. Bailliere. 2,407,734; Sept. 17.
Casings, Forming and pretesting. F. H. Reichel. 2,401,798; June 11.
Casket and vault, Combined burial. W. E. Woody. 2,406,522; Aug. 27.
Casket construction. W. H. Thommen. 2,392,298; Jan. 1.
Casket handle. W. Zaiser. 2,393,443; Jan. 22.
Casket rack. M. E. Miller. 2,400,312; May 14.
Cast phenolic resin, Hardening. H. J. Luth. 2,395,675; Feb. 26.
Castillon latex, Coagulation of. T. F. Ford. 2,411,033; Nov. 12.
Casting, Centrifugal. A. E. Schuh and A. Boyles. 2,399,606; Apr. 30.
Casting, Centrifugal. H. G. Specht. 2,406,860; Sept. 3.
Casting machine. C. Wessel. 2,407,334; Sept. 10.
Casting machine. A. R. Willard. 2,393,213; Jan. 15.
Casting machine, Centrifugal. J. S. Morgan, Jr. 2,399,446; Apr. 30.
Casting, Stereotype plate. F. A. Foster. 2,400,987; May 28.
Casting, Stereotype plate. F. A. Foster. 2,401,727; June 11.
Castings, Forming. W. Dillon. 2,410,813; Nov. 12.
Castings, Making metal. C. Wessel. 2,411,176; Nov. 19.
Castor oil, and in castor oil containing products, Treatment of. A. J. Paluszek. 2,401,369; June 4.
Cathead. B. Bannister. 2,391,939; Jan. 1.
Catalysis. E. J. Houdry and H. A. Shabaker. 2,399,678; May 7.
Catalyst. J. W. Teter. 2,398,899; Apr. 23.
Catalyst. J. W. Teter. 2,406,929; Sept. 3.
Catalyst and preparation. B. W. Howk. 2,402,626; June 25.
Catalyst and production of vinyl esters. W. V. Freed. 2,411,962; Dec. 3.
Catalyst catalytic cracking, Fluid. J. B. Wyman and H. D. Loeb. 2,405,922; Aug. 13.
Catalyst chamber. W. W. Roach and D. G. Blaker. 2,399,827; May 7.
Catalyst, Conversion. J. C. Bailie, L. Heard, and R. V. Shankland. 2,404,024; July 16.
Catalyst, Dehydrogenation. C. L. Gutzeit. 2,408,140; Sept. 24.
Catalyst in hydrocarbon conversion reactions, Separation and recovery of soluble. M. H. Gorin and W. Swordloff. 2,412,143; Dec. 3.
Catalyst manufacture. H. V. Atwell. 2,408,187; Sept. 24.
Catalyst manufacture. J. R. Bates. 2,395,836; Mar. 5.
Catalyst manufacture. G. H. Keating. 2,409,494; Oct. 15.
Catalyst manufacture. E. Solomon and L. C. Rubin. 2,406,477; Aug. 27.
Catalyst material, Recovering. H. J. Ogorzaly. 2,393,554; Jan. 22.
Catalyst preparation. A. L. Foster. 2,408,164; Sept. 24.
Catalyst preparation. J. D. Upham. 2,406,869; Sept. 3.
Catalyst, Producing. R. B. Mason. 2,410,890; Nov. 12.
Catalyst production. G. H. Keating. 2,408,215; Sept. 24.
Catalyst reactor, Fluid. E. D. Reeves. 2,411,592; Nov. 26.
Catalyst regeneration. W. F. Claussen. 2,396,157; Mar. 5.
Catalyst regeneration. J. W. Loy. 2,398,186; Apr. 9.
Catalyst, Regeneration of spent. C. G. Gerhold and L. A. Mekler. 2,394,680; Feb. 12.
Catalyst rejuvenation. R. L. Parker, Jr., and H. C. Huffman. 2,408,996; Oct. 8.
Catalyst, Treatment of. W. G. Scharmann. 2,400,025; May 7.
Catalysts. H. A. Cheney. 2,407,814; Sept. 17.
Catalysts. H. C. Huffman. 2,411,829; Nov. 26.
Catalysts. V. N. Ipatieff and L. Schmerling. 2,402,051; June 11.
Catalysts. R. J. Patterson. 2,395,291; Feb. 19.
Catalysts. J. A. Pierce and W. E. Spicer. 2,403,753; July 9.
Catalysts. J. W. Teter. 2,392,107; Jan. 1.
Catalysts, Activating. G. F. Horsley. 2,408,396; Oct. 1.
Catalysts and catalytic processes. F. J. Ewing. 2,410,436; Nov. 5.
Catalysts, Hydrogenation and dehydrogenation. M. M. Stewart. 2,400,959; May 28.
Catalysts, Manufacture. G. M. Webb and M. A. Smith. 2,410,558; Nov. 5.
Catalysts, Manufacture of. K. D. Ashley and A. O. Jaeger. 2,411,820; Nov. 26.
Catalysts, Manufacture of. G. M. Webb and M. A. Smith. 2,406,646; Aug. 27.
Catalysts, Manufacture of supported. H. A. Cheney. 2,407,813; Sept. 17.
Catalysts, Recovery of. R. E. Burk. 2,400,874; May 28.
Catalysts, Regeneration of cracking. J. R. Schonberg and D. L. Campbell. 2,412,696; Dec. 17.
Catalysts, Supported oxide. W. Hull. 2,401,246; May 28.
Catalysts, Treatment of sulphide. R. M. Cole. 2,398,175; Apr. 9.
Catalytic alkylation process. H. J. Hepp. 2,408,167; Sept. 24.
Catalytic alkylation process. A. W. Horton. 2,410,070; Oct. 29.
Catalytic alkylation process. A. W. Horton, J. W. Brooks, and A. A. O'Kelly. 2,410,071; Oct. 29.
Catalytic alkylation process. J. B. Kirkpatrick, J. J. Somers, and A. N. Sachanen. 2,406,776; Sept. 3.
Catalytic alkylation process. C. S. Kuhn, Jr. 2,403,931; July 16.
Catalytic alkylation process. M. P. Matuszak. 2,394,929; Feb. 12.
Catalytic alkylation process. A. A. O'Kelly, J. Plucker, III, and R. H. Work. 2,407,033; Sept. 3.
Catalytic and thermal conversions, Combination. J. M. Barron. 2,403,486; July 9.
Catalytic benzine synthesis. O. Roelen and W. Feisst. 2,398,462; Apr. 16.
Catalytic contacting method. L. D. Kleiss. 2,392,798; Jan. 8.
Catalytic conversion. L. S. Kassel. 2,411,996; Dec. 3.
Catalytic conversion. T. P. Simpson, J. W. Payne, and J. A. Crowley, Jr. 2,412,917; Dec. 17.
Catalytic conversion. E. W. Thiele. 2,400,176; May 14.
Catalytic conversion, Method and apparatus for. E. E. Sensel. 2,411,760; Nov. 26.
Catalytic conversion of carbonaceous materials. J. Burgin. 2,407,918; Sept. 17.
Catalytic conversion of hydrocarbons. P. L. Veltman. 2,394,412; Feb. 5.
Catalytic conversion of hydrocarbons. G. B. Zimmerman. 2,412,025; Dec. 3.
Catalytic conversion of hydrocarbons and the preparation of catalysts therefor. W. A. Bailey, Jr. and J. Burgin. 2,407,914; Sept. 17.
Catalytic conversion process. M. H. Arveson. 2,398,489; Apr. 16.
Catalytic conversion process. P. W. Cornell. 2,402,875; June 25.
Catalytic conversion process. T. B. McCulloch. 2,404,080; July 16.
Catalytic conversions. W. P. Gage. 2,392,284; Jan. 1.
Catalytic conversions in the presence of ferrous metals, Execution of. R. M. Cole and I. I. Shultz. 2,394,750; Feb. 12.
Catalytic cracking. C. L. Thomas and J. E. Ahlberg. 2,395,153; Feb. 19.
Catalytic cracking and catalyst reactivation. R. W. Richardson. 2,397,505; Apr. 2.
Catalytic cracking of hydrocarbon oils. J. A. Pierce and C. T. Steele. 2,400,020; May 7.
Catalytic cracking process. B. S. Greensfelder and S. Z. Perry. 2,398,739; Apr. 16.
Catalytic cracking process. C. H. Kollenberg. 2,407,374; Sept. 10.
Catalytic cracking process. P. E. Kuhl and A. B. Welty, Jr. 2,406,547; Aug. 27.
Catalytic cracking, Selective. R. F. Ruthruff. 2,397,329; Mar. 26.
Catalytic cracking system. R. C. Gunness and J. W. Jewell. 2,410,284; Oct. 29.
Catalytic dehydrogenation. H. C. Huffman. 2,393,537; Jan. 22.
Catalytic dehydrogenation. K. C. Laughlin. 2,405,436; Aug. 6.
Catalytic dehydrogenation processes, Effecting. R. M. Cole and I. I. Shultz. 2,403,052; July 2.
Catalytic desulphurization. A. C. Byrns. 2,398,919; Apr. 23.
Catalytic hydrocarbon conversion process. W. E. Ross and G. J. Carlson. 2,393,569; Jan. 22.
Catalytic hydrocarbon reactions. W. P. Hawthorne. 2,403,922; July 16.
Catalytic hydrocarbon reforming process. C. L. and E. A. Green. 2,408,948; Oct. 8.
Catalytic hydrogenation of aliphatic nitrohydroxy compounds. W. K. O'Loughlin. 2,413,153; Dec. 24.
Catalytic isomerization of olefinic hydrocarbons. L. Berg, G. L. Sumner, Jr., and C. W. Montgomery. 2,397,639; Apr. 2.
Catalytic oxidation of ketones. G. W. Hearne, M. L. Adams, and V. W. Buls. 2,393,532; Jan. 22.
Catalytic polymerization of monoolefinic organic compounds. D. L. Dorough. 2,398,926; Apr. 23.
Catalytic preparation of cymenes. E. R. Littmann. 2,400,012; May 7.
Catalytic process. T. F. Doumani and J. G. Cuneo. 2,411,823; Nov. 26.
Catalytic process. M. W. Farlow and F. K. Signaigo. 2,402,614; June 25.
Catalytic process. M. P. Matuszak and G. H. Morey. 2,408,987; Oct. 8.
Catalytic process and products thereof. M. W. Farlow and F. K. Signaigo. 2,402,615; June 25.
Catalytic process for converting terpenes to p-cymene. W. Hull. 2,399,739; May 7.
Catalytic processes. S. H. McAllister, J. Anderson, and W. E. Ross. 2,403,107; July 2.
Catalytic reactions. L. Schmerling and V. N. Ipatieff. 2,406,639; Aug. 27.
Catalytic reactions, Conducting. C. L. Thomas. 2,392,957; Jan. 15.
Catalytic reforming process. C. S. Kuhn, Jr. 2,403,929; July 16.

Catalytic system, Continuous. T. P. Simpson, J. W. Payne and J. A. Crowley, Jr. 2,410,309; Oct. 29.
Catalytic treatment of carbonaceous materials. B. S. Greenfelder and W. A. Bailey, Jr. 2,392,588; Jan. 8.
Catalytic treatment of hydrocarbon oils. P. L. Veltman. 2,400,446; May 14.
Catalytic treatment of hydrocarbons. R. R. Hibbard. 2,395,048; Feb. 19.
Catalyzed abnormal addition reactions. T. W. Evans, W. E. Vaughan, and F. F. Rust. 2,411,961; Dec. 3.
Catalyzed abnormal addition reactions. W. E. Vaughan and F. F. Rust. 2,411,983; Dec. 3.
Catalyzed reaction, Effecting. L. S. Kassel. 2,403,375; July 2.
Catamenial device. G. W. and D. L. H. Beadle. 2,412,861; Dec. 17.
Catapult for aircraft, Electric towing-car. F. B. Powers. 2,404,984; July 30.
Catapult, Screw type. L. J. Maxson and F. B. Gross. 2,402,554; June 25.
Catch, Cupboard. H. Quigley and H. Ter Meer. 2,409,794; Oct. 22.
Catch, Door. E. W. Allen. 2,409,822; Oct. 22.
Catch, Ring. H. M. Stieglitz. 2,407,459; Sept. 10.
Catch, Window screen. J. Freelander. 2,413,444; Dec. 31.
Catcher, Brush holder and drip. I. M. Oller. 2,399,056; Apr. 23.
Catenary rooflike construction and forming it. W. D. Darby. 2,411,651; Nov. 26.
Catheter. N. C. Jeckel. 2,407,929; Sept. 17.
Catheter, Kidney. M. L. Smith. 2,393,002–3; Jan. 15.
Cathode assembly. R. O'Larte and K. Speck. 2,393,057; Jan. 15.
Cathode beam tube and velocity controlled electrode. J. R. Pierce. 2,408,809; Oct. 8.
Cathode, Electronic discharge. P. L. Spencer. 2,412,842; Dec. 17.
Cathode, Filamentary. J. Hirmann. 2,404,070; July 16.
Cathode for magnetron devices. I. E. Mouromtseff and J. H. Findlay. 2,400,770; May 21.
Cathode metal and producing the same. H. T. Prescott. 2,392,814; Jan. 8.
Cathode ray apparatus. M. R. Miller. 2,399,754; May 7.
Cathode ray apparatus. D. E. Norgaard. 2,407,898; Sept. 17.
Cathode ray apparatus. I. Wolff. 2,413,276; Dec. 24.
Cathode ray deflection circuit. A. V. Bedford. 2,403,487; July 9.
Cathode ray device. R. P. Johnson and W. R. Grams. 2,407,982; Sept. 3.
Cathode ray indicating device. W. P. Mason. 2,413,026; Dec. 24.
Cathode ray receiver. W. G. H. Finch. 2,394,435; Feb. 5.
Cathode ray sweep circuit. J. O. and W. A. Edson and J. B. Maggio. 2,412,210; Dec. 10.
Cathode ray sweep circuit. G. M. Charrier. 2,407,475; Sept. 10.
Cathode ray sweep circuit. W. D. Hershberger. 2,403,278; July 2.
Cathode ray tube. J. M. Dodds and C. W. Miller. 2,400,814; May 21.
Cathode ray tube. G. W. Pratt. 2,409,514; Oct. 15.
Cathode ray tube. C. S. Szegho. 2,401,278; May 28.
Cathode ray tube system. H. De Ryder. 2,411,030; Nov. 12.
Cathode ray tube system and operation. H. W. Leverenz. 2,402,761; June 25.
Cathode structure. P. G. Chevigny. 2,411,506; Nov. 26.
Cathode suspension, Filamentary. R. Wood. 2,402,797; June 25.
Cathodes, Coating. G. S. Evans. 2,411,250; Nov. 19.
Cathodes, Making. P. G. Chevigny. 2,397,533; Apr. 2.
Cathodic protection system. R. E. Hantzsch and O. C. Mudd. 2,402,494; June 18.
Caustic products. C. B. Gardenier. 2,403,071; July 2.
Cautery instrument for use in nasal surgery. P. W. Lew. 2,235,631; Feb. 26.
Cavitation in operation of pumps, Arresting. R. H. Beach. 2,392,720; Jan. 8.
Celery cutter. T. J. Bell. 2,410,860; Nov. 12.
Cell, Bubble. E. F. Flint. 2,406,211; Aug. 20.
Cell, Dry. V. Lipinski. 2,399,127; Apr. 23.
Cell, Electrolytic. W. C. Gardiner. 2,401,821; June 11.
Cell for the production of metals by electrolysis of fused electrolytes. R. Suchy and G. Messner. 2,407,691; Sept. 17.
Cell, Leakproof dry. H. R. C. Anthony. 2,399,089; Apr. 23.
Cellular materials, Vitreous. J. A. Heany. 2,399,225; Apr. 30.
Cellular rubber articles, Making. P. F. Nlessen and A. R. Cox. 2,394,327; Feb. 5.
Cellular systems, Making. B. J. Craig. 2,403,265; July 2.
Cellulated bodies, Manufacturing of. W. Owen. 2,401,582; June 4.
Cellulose acetate composition, Plasticized. J. L. Quinn. 2,401,272; May 28.
Cellulose acetate dyed with monoazo dyes. C. S. Argyle. 2,412,312; Dec. 10.
Cellulose derivative composition. F. J. Soday. 2,412,920; Dec. 17.
Cellulose derivative compositions. J. E. Bludworth. 2,402,942; July 2.
Cellulose derivative textile material, Shrinking. F. B. Hill. 2,394,772; Feb. 12.
Cellulose derivatives, Production of. J. E. Jones. 2,401,304; June 4.
Cellulose ester composition. R. M. Goepp, Jr. 2,394,439; Feb. 5.
Cellulose ester composition containing a rosin ester, and preparing said rosin ester. H. Burrell. 2,404,033; July 16.
Cellulose ester compositions, Molding. H. K. Nason. 2,407,962; Sept. 17.
Cellulose ester in fiber form, Preparing. M. L. Ernsberger and A. S. Gregory. 2,396,165; Mar. 5.
Cellulose ester molding batch having a metallic appearance and the batch produced thereby, Manufacturing a. T. J. Thomas. 2,405,953; Aug. 20.
Cellulose, Manufacture of. H. Dreyfus. 2,394,989; Feb. 19.
Cellulose matter with terebene, Treating. C. Luckhaupt. 2,407,989; Sept. 24.
Cellulose matter with terpene dihydrochloride, Treating. C. Luckhaupt. 2,407,988; Sept. 24.
Cellulose purification. C. I. Haney, M. E. Martin, and T. M. Andrews. 2,408,849; Oct. 8.
Cellulose to facilitate its acylation, Pretreating. C. J. Malm and L. W. Blanchard, Jr. 2,400,361; May 14.
Cellulose, Treatment of. R. B. Darling. 2,394,370; Feb. 5.
Cellulosic material, Purification of crude. G. P. Vincent and A. L. Dubeau. 2,407,909; Sept. 17.
Cellulosic materials, Treatment of. H. Dreyfuss. 2,394,537; Feb. 12.
Cellulosic materials, Treatment of. J. D. Pollard. 2,394,009; Feb. 5.
Cellulosic pads, Packaging. C. A. Fourness and K. J. Harwood. 2,413,556; Dec. 31.
Cellulosic products, Production of. P. H. Schlosser and K. R. Gray. 2,393,817; Jan. 29.
Cellulosic sheets, Apparatus for making curved. O. W. Frost and G. S. Willey. 2,396,996; Mar. 19.
Cellulosic structures, Producing. H. S. Rothrock. 2,406,905; Sept. 3.
Cellulosic textile materials, Treating. W. J. Burke. 2,391,942; Jan. 1.
Cellulosic textile materials, Treatment of. H. J. Hegan and E. H. Sharples. 2,411,429; Nov. 19.
Cement. J. L. Perkins. 2,401,015; May 28.
Cement, Acidproof. E. A. Hertzell and R. H. Anderson. 2,396,509; Mar. 12.
Cement applying process. M. Radonich. 2,392,408; Jan. 8.
Cement composition and making same. E. W. Scripture, Jr. 2,397,886; Apr. 2.
Cement conveyance, Bulk. J. R. Bradshaw. 2,412,121; Dec. 3.
Cement, Dental. W. S. Crowell. 2,406,063; Aug. 20.
Cement for cold application, Bituminous flashing. W. F. Fair, Jr. 2,396,690; Mar. 19.
Cement, Making gypsum. J. P. C. Peter. 2,412,170; Dec. 3.
Cement manufacture. B. E. Roethell. 2,409,707; Oct. 22.
Cement, Plastic. A. J. Holberg, W. C. Ware, and C. C. Wilch. 2,393,774; Jan. 29.
Cement plugs in well bores, Placing. K. A. Wright. 2,392,352; Jan. 8.
Cementer, Sole channel and rib. H. C. Paulsen. 2,400,163; May 14.
Cementing compound. N. L. Rude. 2,410,612; Nov. 5.
Cementitious composition and article, Nonslip. D. B. Johannes, Jr. 2,411,213; Nov. 19.
Cementitious material. E. C. Scrafford. 2,397,567; Apr. 2.
Cementitious material, Making heat resistant. A. Tropiano. 2,410,761; Nov. 5.
Cementitious material, Plastic. G. Ferrante. 2,407,739; Sept. 17.
Cementitious preparations. D. Curtis. 2,413,294; Dec. 31.
Center drill. A. W. Beaton. 2,392,519; Jan. 8.
Center drill. W. F. Klemm. 2,403,861; July 9.
Centering and shifting device for typesetting machines, Automatic line. F. C. Souche. 2,392,558; Jan. 8.
Centering device. G. F. Hodson and L. L. Campbell. 2,403,980; July 16.
Centerless grinding machine. W. Melin. 2,411,972; Dec. 3.
Centrifugal apparatus. E. Roberts. Re. 22,772; July 16.
Centrifugal cast article and manufacture. H. Ford, C. E. Sorensen, and R. H. McCarroll. 2,400,495; May 21.
Centrifugal casting machine. P. C. Vogel. 2,392,299; Jan. 1.
Centrifugal clutch. C. O. Bruestle. 2,396,637; Mar. 19.
Centrifugal clutch. H. V. Reed. 2,392,947; Jan. 15.
Centrifugal clutch. E. E. Wemp. 2,395,308; Feb. 19.
Centrifugal compressor. W. T. Nickerson. 2,405,048; July 30.
Centrifugal compressor. W. Van Rijswijk. 2,401,206; May 28.
Centrifugal blower. W. D. Teague, Jr. 2,411,816; Nov. 26.
Centrifugal generator. L. D. Jones and J. J. Serrell. 2,401,079; May 28.
Centrifugal extractor. E. M. Borg. 2,409,341; Oct. 15.
Centrifugal machine, Turbine driven. J. Hertrich. 2,402,496; June 18.
Centrifugal pendulum. L. Birkigt. 2,393,305; Jan. 22.

Centrifugal pump. G. H. Garraway. 2,402,995; July 2.
Centrifugal pump. A. J. Harlamoff. 2,406,947; Sept. 3.
Centrifugal pump. H. H. Ingersoll. 2,399,548; Apr. 30.
Centrifugal pump. A. V. Mueller. 2,394,931; Feb. 12.
Centrifugal pump. A. P. Ruth. 2,403,556; July 9.
Centrifugal pump. C. W. Stratford and C. Bartolero. 2,395,793; Feb. 26.
Centrifugal pump. J. W. Summers. 2,393,127; Jan. 15.
Centrifugal pump mechanism. V. N. Albertson. 2,397,718; Apr. 2.
Centrifugal pump primer. J. L. Smith. 2,412,839; Dec. 17.
Centrifugal separating apparatus. L. Sender. 2,412,099; Dec. 3.
Centrifugal separating apparatus, Multistage. P. C. Rich. 2,399,509; Apr. 30.
Centrifugal separation. L. D. Jones. 2,407,834; Sept. 17.
Centrifugal separation. A. H. Schutte and A. W. Mack. 2,394,015; Feb. 5.
Centrifugal separation. A. H. Schutte and A. W. Mack. 2,394,016; Feb. 5.
Centrifugal separator. E. Lars. 2,403,089; July 2.
Centrifugal separator. A. H. Schutte. 2,398,967; Apr. 23.
Centrifugal separator. J. F. Tholl. 2,396,622; Mar. 12.
Centrifugal switch. J. W. Busacker and J. A. Teresi. 2,395,248; Feb. 19.
Centrifugal type fluid clutch. F. H. McElroy. 2,408,988; Oct. 8.
Centrifugally controlled variable resistance. R. J. Bright 2,393,456; Jan. 22.
Ceramic article and material and coloring or shading same. R. W. Erdle. 2,406,208; Aug. 20.
Ceramic article, Cored. E. H. Fischer. 2,412,878; Dec. 17.
Ceramic body. W. A. Weyl. 2,413,150; Dec. 24.
Ceramic mass, Light-weight. P. E. Harth. 2,400,087; May 14.
Ceramic material, Molding. L. D. Grupelli. 2,400,001; May 7.
Ceramics and making same, Fluorine-containing. W. A. Fraser. 2,407,874; Sept. 17.
Cereal cutter. F. C. Iellield. 2,406,773; Sept. 3.
Cereal grain germ, Treating. Ezra Levin. Re. 22,748; Apr. 30.
Cereal grains, Treating. A. C. Daman. 2,393,975; Feb. 5.
Cereal grains with natural vitamins, Enriching. E. G. Huzenlaub. 2,412,153; Dec. 3.
Certifying machine, Hardness. A. Vicek, Jr. 2,398,605; Apr. 16.
Chain: *See*—
Antiskid chain. Nonskid chain.
Conveyor chain. Tire chain.
Cutter chain. Train track chain.
Mining machine chain.
Chain. B. S. Carr and A. L. Blakemore. 2,403,635; July 9.
Chain link construction. B. E. Sivyer. 2,412,364; Dec. 10.
Chain link tool. W. H. Smith. 2,397,513; Apr. 2.
Chain lug, Mining machine. H. M. Morrow. 2,398,107; Apr. 9.
Chain mechanism. J. M. Hait. 2,397,105; Mar. 26.
Chain-saw machine. A. W. Mall and W. L. Gorden. 2,409,775; Oct. 22.
Chair: *See*—
Baby chair. Folding chair.
Bed-type chair. Folding wheel chair.
Child's convertible chair. High chair.
Combination stretcher and Invalids chair. Invalid chair.
Invalids chair. Tiltable chair.
Convertible rocking chair.
Chair. S. S. Bernstein. 2,409,826; Oct. 22.
Chair. A. R. Boerner. 2,398,072; Apr. 9.
Chair. J. A. Campbell. 2,405,013; July 30.
Chair. R. A., R. A., Jr., and H. W. Cramer. 2,400,630; May 21.
Chair. J. J. Croft and B. E. Fox. 2,402,023; June 11.
Chair. G. D. Wood. 2,402,934; June 25.
Chair and cot, Combination. F. Keest. 2,407,786; Sept. 17.
Chair, bedstead, stretcher, or the like, Adjustable. C. E. E. Lundquist. 2,410,088; Oct. 29.
Chair construction. T. W. Foote. 2,412,451; Dec. 10.
Chair, head rest, and hair drier, Combination. A. M. Langseth and E. R. Schilb. 2,392,485; Jan. 8.
Chair iron. H. W. Sheldrick and W. P. Hoglund. 2,403,198; July 2.
Chair seat. G. D. Wood and F. L. Turner. 2,412,112; Dec. 3.
Chair seat support. A. J. Raitch. 2,412,750; Dec. 17.
Chairs, Head rest for. C. G. Maxson. 2,403,537; July 9.
Chalking device. F. E. Harding. 2,400,926; May 28.
Chamber for circuit breakers, Arc extinguishing. G. W. Peters. 2,411,894; Dec. 3.
Chamber for internal-combustion engines, Combustion. H. Lieberherr. 2,413,359; Dec. 31.
Chamber for rocket apparatus, Rotating combustion. R. H. Goddard. 2,395,114; Feb. 19.
Chamber, Mixing. J. C. Thomas, III. 2,404,548; July 23.
Chamfering machine. L. Albiani. 2,405,004; July 30.
Change mechanism, Intermittent feed. S. L. Casella. 2,406,664; Aug. 27.
Change-over relay, Automatic. M. K. Parkhurst. 2,410,677; Nov. 5.
Change-speed device. J. W. Hale. 2,402,248; June 18.
Change-speed mechanism. H. J. Luehrs and P. W. Cottrell. 2,399,493; Apr. 30.
Changeable letter sign. B. Schlanger. 2,395,197; Feb. 19.
Changer, Induction frequency. F. W. Baumann. 2,399,905; May 7.
Changer, Phase. L. Himmel. 2,402,624; June 25.
Character selecting system for phonographic composing apparatus, Relay. W. C. Huebner. 2,402,750; June 25.
Charcoal burner. W. B. Stephenson. 2,403,134; July 2.
Charge forming apparatus. D. S. Hersey. 2,400,416; May 14.
Charge forming device. D. E. Lipfert. 2,403,866; July 9.
Charge forming device. F. C. Mock. 2,411,287; Nov. 19.
Charge forming device. F. C. Mock and E. J. Partington. 2,404,081; July 16.
Charge forming device. J. T. W. Moseley, H. A. Carlson, and A. N. Szwarculski. 2,403,390; July 2.
Charge forming device, Engine. C. E. Markham and C. L. Martin. 2,400,156; May 14.
Charge forming system. F. Stephan. 2,406,115; Aug. 20.
Charge preparation. R. K. Waring. 2,393,080; Jan. 15.
Charger and recoil mechanism, Gun. A. Corte. 2,401,860; June 11.
Charger for explosives. E. K. Lefren. 2,405,507; Aug. 6.
Charger valve. G. W. Pontius, III. 2,508,680; Oct. 1.
Charging and discharging device, Retort. B. A. Smith. 2,402,457; June 18.
Charging device. H. W. Kelly. 2,394,552; Feb. 12.
Charging machine. E. E. Brosius. 2,405,342; Aug. 6.
Charging mechanism. J. Stuart, II, and K. Wassen. 2,412,658; Dec. 17.
Charging system, Blast furnace. A. Mohr, Jr., and J. P. Grilli. 2,408,945; Oct. 8.
Chart for cryptography, Coding and decoding. C. B. Strother. 2,413,592; Dec. 31.
Chart system, Color. E. Jacobson. 2,409,285; Oct. 15.
Chassis for trailers, Knockdown. J. J. Black. 2,413,404; Dec. 31.
Check and draft control for stoves, Automatic. H. H. Fleer. 2,409,480; Oct. 15.
Check for floating binders, Shuttle. E. A. Santon. 2,399,762; May 7.
Check-indorsing and sorting machine. M. L. Nelson and A. M. Roberts. 2,412,830; Dec. 17.
Check retainer. J. D. Dilley. 2,404,043; July 16.
Check, Shuttle. C. D. Brown. 2,399,851; May 7.
Checker for open hearth regenerative furnaces. L. B. Lindemuth. 2,405,363; Aug. 6.
Checkerboard. S. H. Fox. 2,398,368; Apr. 16.
Checker, Thread. R. E. Bauer. 2,409,924; Oct. 22.
Checking and comparing device, Surface. J. F. Gregg. 2,407,490; Sept. 10.
Checking device, Railway wheel. M. W. and W. A. Gleskieng. 2,408,553; Oct. 1.
Checking device, Timing. F. D. Warburton. 2,413,126; Dec. 24.
Checkstraps, Making. L. J. Carter. 2,406,494; Aug. 20.
Cheese, Treating. G. P. Sanders. 2,401,320; June 4.
Chemical composition. W. E. Hanford. 2,398,426; Apr. 16.
Chemical compound and method. O. Wintersteiner. 2,400,380; May 14.
Chemical compound and preparation thereof. A. M. Clifford and J. G. Lichty. 2,407,138; Sept. 3.
Chemical compounds. J. E. Bludworth and D. P. Easter. 2,410,008; Oct. 29.
Chemical compounds. W. G. Christiansen and S. E. Harris. 2,404,691; July 23.
Chemical compounds. W. G. Christiansen and S. E. Harris. 2,412,966; Dec. 24.
Chemical compounds. O. Wintersteiner and W. L. Ruigh. 2,411,177; Nov. 19.
Chemical compounds and processes. H. R. Arnold. 2,402,589–90; June 25.
Chemical compounds and processes. W. A. Lazier and P. L. Salzberg. 2,402,591; June 25.
Chemical compounds and processes. H. G. Smith and T. L. Cantrell. 2,408,232; Sept. 24.
Chemical compounds and producing same. B. R. Harris. 2,409,275; Oct. 15.
Chemical compounds, Manufacture of. A. O. Franz and L. H. Juel. 2,403,068; July 2.
Chemical compounds, Preparation of. M. Katzman. 2,411,434; Nov. 19.
Chemical manufacture. W. S. Hutchinson. 2,394,064; Feb. 5.
Chemical manufacture. G. P. Vincent and A. L. Dubeau. 2,395,305; Feb. 19.
Chemical method. E. Amott and W. E. Grebe. 2,395,774; Feb. 26.
Chemical methods and products. C. F. Reed. 2,407,344; Sept. 10.
Chemical process. G. W. Batchelder, W. M. Nagle, J. C. Vyverberg, and J. M. Willis. 2,400,904; May 28.
Chemical process. E. W. Bousquet. 2,402,536; June 25.
Chemical process. D. L. Campbell. 2,410,048; Oct. 29.
Chemical process. M. W. Farlow and W. A. Lazier. 2,402,541; June 25.
Chemical process. H. G. M. Fischer. 2,412,879; Dec. 17.
Chemical process. R. A. Franz. 2,392,910; Jan. 15.
Chemical process. A. D. Green. 2,403,276; July 2.

Chemical process. J. L. Hart. 2,393,531; Jan. 22.
Chemical process. C. E. Hemminger. 2,397,352; Mar. 26.
Chemical process. C. E. Hemminger. 2,397,485; Apr. 2.
Chemical process. R. M. Hill and C. H. Watkins. 2,409,581; Oct. 22.
Chemical process. K. K. Kearby. 2,395,876; Mar. 5.
Chemical process. P. E. Kuhl. 2,394,617; Feb. 12.
Chemical process. C. S. Lynch and H. G. Codet. 2,407,311; Sept. 10.
Chemical process. C. G. Milbourne. 2,393,333; Jan. 22.
Chemical process. W. J. Peppel and F. K. Signaigo. 2,402,665; June 25.
Chemical process. P. L. Richards. 2,402,448; June 18.
Chemical process. C. L. Rollinson. 2,403,459; July 9.
Chemical process. H. G. Schneider and J. E. J. Kane. 2,406,041; Aug. 20.
Chemical process. N. E. Searle. 2,402,584; June 25.
Chemical process. F. K. Signaigo. 2,402,456; June 18.
Chemical process. F. J. Soday. 2,398,810; Apr. 23.
Chemical process. H. G. Vesterdal. 2,397,301; Mar. 26.
Chemical process. C. H. Watkins. 2,407,390; Sept. 10.
Chemical process and product. F. J. Soday. 2,407,689; Sept. 17.
Chemical process and product. F. J. Soday. 2,413,256; Dec. 24.
Chemical process and products. P. L. Barrick. 2,403,207; July 2.
Chemical process and products. C. E. Schweitzer. 2,409,712; Oct. 22.
Chemical process, etc. J. G. McNab and D. T. Rogers. 2,399,477; May 7.
Chemical processes. A. M. Alvarado. 2,402,586; June 25.
Chemical processes. A. M. Alvarado, W. A. Lazier, and J. H. Werntz. 2,402,587; June 25.
Chemical processes. W. A. Lazier and F. K. Signaigo. 2,402,642; June 25.
Chemical processes. W. A. Lazier, F. K. Signaigo, and J. H. Werntz. 2,402,643–4; June 25.
Chemical processes. F. K. Signaigo. 2,402,685; June 25.
Chemical processes. L. I. Smith and H. E. Ungnade. 2,411,942; Dec. 3.
Chemical processes. H. C. Tanner. 2,402,694; June 25.
Chemical processes and products. R. K. Iler. 2,401,645; June 4.
Chemical processes and products. J. S. Kirk. 2,395,880; Mar. 5.
Chemical processes and products. W. A. Lazier and F. K. Signaigo. 2,402,640; June 25.
Chemical processes and products. J. H. Werntz. 2,402,698; June 25.
Chemical product and making the same. T. A. Ford. 2,394,761; Feb. 12.
Chemical product and making the same. W. E. Hanford. 2,396,786; Mar. 19.
Chemical products and preparing same. J. C. Zimmer and A. J. Morway. 2,405,482; Aug. 6.
Chemical products, Preparing. L. I. Smith and W. B. Renfrew, Jr. 2,407,726; Sept. 17.
Chemical reaction with fluidized solids. E. A. Johnson. 2,393,909; Jan. 29.
Chemical treatment. J. W. Latchum, Jr. 2,396,859; Mar. 19.
Chemicals. P. T. Paul. 2,401,658; June 4.
Chemicals for treating plant life. W. L. Benson. 2,395,446; Feb. 26.
Chemotherapeutic agents of the sulphonamide type. W. A. Lott, F. H. Bergeim, and K. A. Losee. 2,407,309; Sept. 10.
Chemotherapeutic sulphanilamide derivatives. W. A. Lott and R. Van Winkle. 2,409,291; Oct. 15.
Chenille making machine. J. Wilmsen. 2,408,898; Oct. 8.
Cherries, soft sheets, and the like, Manufacture of artificial edible. W. J. S. Peschardt. 2,403,547; July 9.
Chest, Display. R. A. Bloom. 2,409,926; Oct. 22.
Chest lock. C. Ledin. 2,399,812; May 7.
Chick box. G. Loth. 2,409,701; Oct. 22.
Child's convertible chair. G. W. Copp. 2,399,792; May 7.
Child's toilet seat. L. C. Neufeld. 2,411,137; Nov. 12.
Child's vehicle. A. L. McGregor. 2,392,938; Jan. 15.
Chime. J. M. Talbot. 2,401,199; May 28.
Chimney structure. A. J. Paulette. 2,398,393; Apr. 16.
Chimney top. E. R. Lovely. 2,408,665; Oct. 1.
Chinaware sand blasting machine. W. H. Emerson. 2,393,762; Jan. 29.
Chisel. A. Rurak. 2,412,783; Dec. 17.
Chisel, Shearing. L. S. Nameth. 2,392,495; Jan. 8.
Chlorate from caustic soda, Removal of. S. G. Osborne and A. Mitchell. 2,404,453; July 23.
Chloride liquors, Utilizing iron. W. Y. Aguew. 2,393,582; Jan. 29.
Chloride, Preparation of acetylpropyl. S. E. Forman. 2,397,134; Mar. 26.
Chloride, Purification of crude trichloroacetyl. F. W. Kirkbride. 2,399,641; May 7.
Chlorides of menthane, Manufacture of the higher. O. W. Cass. 2,406,195; Aug. 20.
Chlorides of polyvinyl, Producing solutions of. M. L. A. Fluctaire. 2,408,769; Oct. 8.
Chlorinated maleic anhydride adducts. H. N. Stephens, G. B. Gehrenbeck, and D. R. Guthrie. 2,404,411; July 23.
Chlorinated methylene-bis-dimethyl hydantoin. A. O. Rogers. 2,404,096; July 16.
Chlorine, Absorption of. F. J. Bouchard. 2,393,229; Jan. 22.
Chlorine, Compositions containing active. E. W. Smith. 2,393,716; Jan. 29.
Chlorine containing carbonic ester-synthetic rubber composition. D. V. Sarbach. 2,395,070; Feb. 19.
Chlorine-containing resins, Stabilized. R. W. Quarles. 2,394,010; Feb. 5.
Chlorine dioxide, Production of. W. S. Hutchinson. 2,409,862; Oct. 22.
Chlorine from magnesium chloride electrolysis, Recovery of. A. P. Julien and J. K. Farrell. 2,398,891; Apr. 23.
Chlorine, Producing. R. K. Iler. 2,401,644; June 4.
Chlorine, Production of. D. R. Blumer. 2,395,314; Feb. 19.
Chlorofluorosilanes, Preparation of. J. W. Hill, R. V. Lindsey, Jr., and R. H. Wiley. 2,395,826; Mar. 5.
Chloroindanthrones, Preparing. C. F. Belcher. 2,413,483; Dec. 31.
Chlorophyll from vitamins and other fat materials, Separating. W. R. Graham, Jr., G. O. Kohler, and R. D. Hoover. 2,408,625; Oct. 1.
Chloroprene-acrylic nitrile polymers, Preparing. F. C. Wagner. 2,395,649; Feb. 26.
Chloroprene, Polymerization of. F. N. Wilder. 2,394,347; Feb. 5.
Chloroprene polymers. F. C. Wagner. 2,399,407; Apr. 30.
Chloroprene polymers, Plasticizing. A. R. Davis. 2,409,344; Oct. 15.
Chloroprene polymers, Vulcanization of. H. P. Miller. 2,395,493; Feb. 26.
Chocolate dipped peanut attachment. F. Petrovic. 2,406,437; Aug. 27.
Choke, Variable independence. J. W. Bayles and A. T. Robertson. 2,402,721; June 25.
Choline-like compounds. K. C. Swan and N. G. White. 2,408,893; Oct. 8.
Chopper, Cotton. C. F. Callahan. 2,412,715; Dec. 17.
Chopper, Cotton. W. H. Clark. 2,399,854; May 7.
Chopper, Vertical food. H. A. Wormeck, F. P. Hess, and S. Braun. 2,399,153; Apr. 23.
Choppers, Food. H. W. Brooks. 2,410,709; Nov. 5.
Christmas tree holder. C. T. Matthews. 2,410,227; Oct. 29.
Chromate production. M. J. Udy. 2,402,102; June 11.
Chrome beryllium alloy steel and articles of manufacture produced therefrom. E. G. Touceda and R. P. De Vries. 2,403,141; July 2.
Chromite with fluoride, Froth flotation of. R. Havens. 2,412,217; Dec. 10.
Chromium and its alloys, Making. T. A. Mitchell. 2,398,591; Apr. 16.
Chromium compounds, Production of. M. J. Udy. 2,402,103; June 11.
Chromium for wear resistance. H. Van der Horst. 2,412,698; Dec. 17.
Chromium into steel articles, Introduction of. G. Becker, K. Daeves, and F. Steinberg. 2,399,848; May 7.
Chronographs, Operating the electronic. I. E. Grosdoff. 2,403,918; July 16.
Chuck. G. W. Cook. 2,395,534; Feb. 26.
Chuck. P. Geren. 2,403,100; July 2.
Chuck. E. R. Koppel. 2,407,083; Sept. 3.
Chuck. E. R. Lowe. 2,400,762; May 21.
Chuck. T. Nelson. 2,402,256; June 18.
Chuck. J. J. Telge and W. R. Thomas. 2,413,422; Dec. 31.
Chuck. G. Thornhill. 2,394,115; Feb. 5.
Chuck, Adjustable. V. W. Gideon. 2,392,039; Jan. 1.
Chuck and cutter operating device, Hydraulic. C. R. Buchet. 2,395,720; Feb. 26.
Chuck assembly. C. R. Adams and C. B. Clark. 2,405,772; Aug. 13.
Chuck, Attachment. F. R. Maxwell. 2,407,932; Sept. 17.
Chuck, Automatic. R. G. LeTourneau. 2,394,861; Feb. 12.
Chuck, Automatic. J. MacBlane. 2,397,025; Mar. 19.
Chuck, Boring. H. F. Brown. 2,403,336; July 2.
Chuck, Cap. M. S. Resina. 2,409,899; Oct. 22.
Chuck, Center drill. B. F. King. 2,408,652; Oct. 1.
Chuck, Collet. T. B. Hall. 2,396,006; Mar. 5.
Chuck, Collet. A. T. Hillberg. 2,401,071; May 28.
Chuck, Collet. J. G. Schmidt. 2,399,831; May 7.
Chuck, Collet type. R. E. Wilson. 2,400,183; May 14.
Chuck, Compensating. A. F. Hedberg and E. Colbert. 2,400,755; May 21.
Chuck, Dental hand-piece. C. E. Garnier. 2,410,439; Nov. 5.
Chuck, Diaphragm. G. and E. F. Hohwart, and J. B. Buckley. 2,403,599; July 9.
Chuck, Diaphragm. R. S. Pyne. 2,413,068; Dec. 24.
Chuck, Double-acting. A. M. Stoner. 2,413,421; Dec. 31.
Chuck, Double acting collet. A. M. Stoner. 2,403,768; July 9.
Chuck, Drill. J. H. Phillips. 2,399,939; May 7.
Chuck, Drill. O. E. Seiffert. 2,400,169; May 14.
Chuck, Lathe. C. C. Heeter. 2,409,680; Oct. 22.
Chuck, Precision. H. I. Schuster. 2,401,971; June 11.
Chuck, Quick change drill. A. L. Marker and E. W. Bergere. 2,397,026; Mar. 19.
Chuck, Self-centering. G. F. Wald. 2,402,714; June 25.
Chuck, Tensile test specimen. H. C. Mann. 2,394,555; Feb. 12.

Chucking and driving device. W. J. Nightingale. 2,399,290; Apr. 30.
Chucking device. C. C. Veale. 2,396,399; Mar. 12.
Chucking machine, Alternating cutoff. A. E. Drissner. 2,402,990; July 2.
Chucks, Making. A. M. Stoner. 2,398,564; Apr. 16.
Churn. A. C. and G. S. Houghland. 2,397,488; Apr. 2.
Chute, Branding and dehorning. I. Parsons. 2,396,928; Mar. 19.
Chute, Coin. W. A. Tratsch. 2,392,344; Jan. 8.
Chute for pickup hay balers, Loading. T. E. Brewer. 2,412,711; Dec. 17.
Chute installation, Spin. T. C. Andreopoulos and P. J. Papadakos. 2,411,077; Nov. 12.
Chute, Package delivery. E. S. Tascher. 2,412,368; Dec. 10.
Chute, Sorting. S. C. Hurley, Jr. 2,405,829; Aug. 13.
Cigar machines, Bunch locating mechanism for. H. H. Wheeler. 2,400,449; May 14.
Cigarette and cigar holder. R. J. Cloutier. 2,398,695; Apr. 16.
Cigarette and safety match holder. M. Mayer. 2,412,464; Dec. 10.
Cigarette case. J. M. Beveridge and C. J. Cowan. 2,405,009; July 30.
Cigarette case. W. B. Crane. 2,399,470; Apr. 30.
Cigarette container. W. E. Celestin. 2,410,200; Oct. 29.
Cigarette holder and ash tray, Combination. I. V. Da Silveira. 2,392,650; Jan. 8.
Cigarette maker. A. J. Hongo. 2,409,935; Oct. 22.
Cigarette rolling machine. G. Zint. 2,405,388; Aug. 6.
Cinder cutting, Retarding. W. B. Leaf. 2,408,428; Oct. 1.
Cinder notch cooler clamp. J. Yuhas. 2,409,337; Oct. 15.
Cinematic set. G. A. Kraft. 2,402,822; June 25.
Cipher device, Strip. J. W. McClaran. 2,403,736; July 9.
Cipher system, Secrecy. R. E. Pierce and D. B. Perry. 2,401,507; June 4.
Ciphering and deciphering mechanism. B. C. W. Hagelin. 2,384,765; Feb. 12.
Ciphering system. L. M. Potts. 2,403,680–1; July 9.
Ciphering system, Mechanical. L. M. Potts. 2,403,679; July 9.
Ciphering system, Mechanical. L. M. Potts. 2,403,682; July 9.
Ciphering system, Mechanical. A. H. Reiber. 2,402,082; June 11.
Circle indicator. M. H. Thompson. 2,401,029; May 28.
Circle routes, Determining great. J. P. Van Zandt. 2,397,063; Mar. 19.
Circuit; *See*—
Amplifier circuit.
Automatic frequency control circuit.
Automatic gain control circuit.
Automatic volume control circuit.
Carrier telegraph terminal circuit.
Cathode ray deflection circuit.
Cathode ray sweep circuit.
Combined amplifier and power supply circuit.
Combined limiter and squelch circuit.
Compensating circuit.
Control circuit.
Coupling circuit.
Crystal filter circuit.
Deflecting circuit.
Discriminator-rectifier circuit.
Duplex control circuit.
Electric circuit.
Electric control circuit.
Electric discharge device circuit.
Electric translating circuit.
Electric wave multiplier circuit.
Electrical circuit.
Electrical multiplying circuit.
Electron discharge circuit.
Electron tube circuit.
Electronic control circuit.
Frequency counter circuit.
Frequency responsive circuit.
Frequency-variable oscillator circuit.
Frequency variation response circuit.
Gas tube circuit.
High-frequency vacuum tube circuit.
High voltage regulator circuit.
Keying circuit.
Limiter circuit.
Locked-in oscillator circuit.
Long-ratio-control circuit.
Low frequency deflecting circuit.
Modulator circuit.
Motor-control circuit.
Multiplier circuit.
Negative impedance circuit.
Noise limiting circuit.
Oscillator circuit.
Permeability tuned band-spread circuit.
Phase indicating circuit.
Phase inverter circuit.
Phase shifting circuit.
Photoelectrically controlled amplifying circuit.
Pulse generating circuit.
Ratio circuit.
Receiver protection circuit.
Reciprocal circuit.
Record reproduction circuit.
Regulator circuit.
Relay control circuit.
Selective signal receiving circuit.
Selector circuit.
Signal correction circuit.
Signal receiver circuit.
Storage amplifier circuit.
Superregenerative receiver circuit.
Superregenerative receiver quenching circuit.
Surge suppressor circuit.
Sweep circuit.
Telephone line circuit.
Telephone repeater circuit
Test circuit.
Thermostat circuit.
Time delay circuit.
Time delay relay circuit.
Timing circuit.
Timing control circuit.
Transmission coupling circuit.
Triode oscillator circuit.
Voltage doubler and timer circuit.
Wave shaping circuit.
Vibrator circuit.
Circuit and system therefor, Tuned. W. van B. Roberts. 2,403,151; July 2.
Circuit apparatus, Hydraulic. L. C. Rotter and V. G. Klein. 2,399,573; Apr. 30.
Circuit arrangement, Electrical. H. D. Garretson. 2,404,905; July 30.
Circuit arrangement, Electrical. H. D. Garretson. 2,408,017; Sept. 24.
Circuit breaker. S. H. Boden and J. M. Cumming. 2,394,036; Feb. 5.
Circuit breaker. S. H. Boden and J. M. Cummins. 2,411,360; Nov. 19.
Circuit breaker. J. M. Cumming and R. C. Cunningham. 2,408,199; Sept. 24.
Circuit breaker. R. C. Dickinson, W. H. Stuellein, and F. E. Florschutz. 2,404,950; July 30.
Circuit breaker. H. Milliken. 2,396,742; Mar. 19.
Circuit breaker. F. G. Von Hoorn. 2,409,917; Oct. 22.
Circuit breaker construction. P. M. Christensen. 2,403,051; July 2.
Circuit breaker, Gas blast. H. Thommen and G. Brühlmann. 2,404,995; July 30.
Circuit breaker locking device. W. M. Scott, Jr. 2,412,294; Dec. 10.
Circuit breaker mounting and connecting stud. H. C. Graves, Jr. 2,412,259; Dec. 10.
Circuit breaker, Oil. F. M. Terry. 2,409,723; Oct. 22.
Circuit breaker with magnetic arc extinguishing means. G. W. Peters. 2,411,892; Dec. 3.
Circuit controller. H. S. Childers. 2,391,866; Jan. 1.
Circuit controller, Automatic. H. G. Leupold. 2,395,007; Feb. 19.
Circuit controller, Electric. R. K. Akin. 2,397,907; Apr. 9.
Circuit controller, Electric. J. K. Huber. 2,408,213; Sept. 24.
Circuit controlling device. M. A. Leavitt. 2,393,784; Jan. 29.
Circuit elements, Protection of communication. L. K. Swart. 2,403,468; July 9.
Circuit for carrier transmission systems, Order wire. P. G. Edwards. 2,395,540; Feb. 26.
Circuit for electrical devices, Starting. G. H. Ruehrmund. 2,393,192; Jan. 15.
Circuit for electrical space discharge devices and operating same. J. W. Dawson. 2,402,607; June 25.
Circuit for electrical space discharge devices and operating same. H. Klemperer. 2,402,608; June 25.
Circuit for removing noise. J. B. Atwood. 2,398,490; Apr. 16.
Circuit for secret communication, Reciprocal. A. V. Bedford and F. P. Wipff. 2,401,406; June 4.
Circuit for single-phase commutator machines. G. Lorschy. 2,399,875; May 7.
Circuit for tracer controlled machines. J. J. Jaeger. 2,398,500; Apr. 16.
Circuit interrupter. B. P. Baker. 2,412,857; Dec. 17.
Circuit interrupter. B. P. Baker and W. M. Leeds. 2,412,858; Dec. 17.
Circuit interrupter. L. B. Chubbuck. 2,411,366; Nov. 19.
Circuit interrupter. H. D. Dorgman. 2,406,325; Aug. 27.
Circuit interrupter. H. W. Graybill. 2,404,957; July 30.
Circuit interrupter. W. M. Leeds. 2,403,103; July 2.
Circuit interrupter. L. R. Ludwig, W. M. Leeds, and B. P. Baker. 2,406,469; Aug. 27.
Circuit interrupter. J. B. MacNeill. 2,412,897; Dec. 17.
Circuit interrupter. V. L. Marcs. 2,399,495; Apr. 30.
Circuit interrupter. H. L. Rawlins and J. J. Mikos. 2,403,121; July 2.
Circuit interrupter. H. L. Rawlins and J. M. Wallace. 2,405,606; Aug. 13.
Circuit interrupter. J. Slepian. 2,412,919; Dec. 17.
Circuit interrupter. J. M. Wallace. 2,404,999; July 30.
Circuit interrupter and control therefor. W. M. Scott, Jr. 2,405,454; Aug. 6.
Circuit interrupter, Electrolytic type of periodic. G. E. Fredericks and J. Sivertsen. 2,411,089; Nov. 12.
Circuit interrupter, Thermal. E. M. Thielers and W. O. W. Broberg. 2,410,370; Oct. 29.
Circuit interrupting device. B. W. Jones and O. R. Schurig. 2,399,037; Apr. 23.
Circuit interrupting device. E. F. Kohl. 2,410,663; Nov. 5.
Circuit maker and breaker. O. Myers. 2,406,028; Aug. 20.
Circuit system, Antifeedback. E. F. Lazar. 2,401,358; June 4.
Circuit used in generating electric impulses. M. E. Haine. 2,400,113; May 14.
Circuit with time-delay, Electronic trigger. A. J. Ruhlig. 2,405,237; Aug. 6.
Circuits, Automatic line testing and switching. B. Dysart. 2,396,990; Mar. 19.
Circuits, Cathode ray beam deflecting. O. H. Schade. 2,396,476; Mar. 12.
Circuits, Closed hammer mill. G. D. Arnold. 2,400,382; May 14.
Circuits, Control. M. G. Crosby. 2,396,688; Mar. 19.
Circuits, Discriminator-rectifier. B. S. Vilkomerson. 2,412,482; Dec. 10.
Circuits, Electrical. R. C. Webb. 2,411,605; Nov. 26.
Circuits, Electron tube. K. Schlesinger. 2,396,439; Mar. 12.

Circuits, Exponential deflecting and centering. M. H. Messner. 2,412,683; Dec. 17.
Circuits for railroads, Coded track. F. X. Rees. 2,399,760; May 7.
Circuits, Frequency relay. E. Pell. 2,402,573; June 25.
Circuits, Noise suppression. J. A. Worcester, Jr. 2,404,338; July 16.
Circuits, Operating phonograph over communicating. H. E. Van Deventer. 2,399,961; May 7.
Circuits, Power supply. G. C. Sziklai. 2,410,369; Oct. 29.
Circuits, Protector for electric. M. F. Duerkob. 2,400,491; May 21.
Circuits, Receiver. J. A. Worcester, Jr. 2,401,214; May 28.
Circuits, Superregenerative receiver. W. R. Koch. 2,410,981; Nov. 12.
Circuits, Temperature compensating tuned. S. Y. White. 2,407,360; Sept. 10.
Circular knitting machine. H. H. Holmes and A. P. Saunders. 2,412,267; Dec. 10.
Circular loom. C. A. Caldes. 2,408,732; Oct. 8.
Circular saw and dado cover. J. F. Wolfe. 2,406,979; Sept. 3.
Circulating and temperature control device for refrigerator cars, Air. J. R. Albers and M. M. Lasensky. 2,398,273; Apr. 9.
Circulating heater. P. Blair. 2,402,595; June 25.
Circulating system, Condenser. F. D. Shumate and G. W. Saathoff. 2,404,321; July 16.
Clad material, Processing. R. K. Hopkins. 2,394,383; Feb. 5.
Cladding, Silver. E. J. Guinee. 2,392,917; Jan. 15.
Clamp: *See*—
Adjustable clamp.
Automatic work-adjusting C clamp.
Automobile wheel clamp.
Bonding clamp.
C clamp.
Cable clamp.
Cable harness clamp.
Cinder notch cooler clamp
Detonator clamp.
Electrical ground clamp.
Electricity plug clamp.
Electrode stem clamp.
Fish scaling clamp.
Gang clamp.
Gum clamp.
Hose clamp.
Hot line clamp.
Hydraulic internal line-up clamp.
Lifting clamp.
Matrix clamp.
Plate clamp.
Plate lifting clamp.
Rod clamp.
Rotatable bus support clamp.
Skin clamp.
Sliding hoisting clamp.
Tube clamp.
Universal multiple cable clamp.
Work clamp.
Worm adjusting double warp hose clamp.
Clamp. P. M. Aalberg. 2,395,607; Feb. 26.
Clamp. H. B. Chatfield. 2,395,656; Feb. 26.
Clamp. C. P. Feudtner. 2,411,533; Nov. 26.
Clamp. F. E. Mahusky. 2,412,225; Dec. 10.
Clamp. H. Mendelson. 2,397,749; Apr. 2.
Clamp and coupling, Scaffold. T. B. Kemner. 2,399,681; May 7.
Clamp and spacer for concrete forms. E. Cornella. 2,411,678; Nov. 26.
Clamp for master sheets of printing machines. E. J. Janke. 2,411,881; Dec. 3.
Clamp for platform pulley blocks. D. J. Neale. 2,410,836; Nov. 12.
Clamp for pneumatic tires, Bead. F. H. Comey. 2,409,666; Oct. 22.
Clamp for printing press plates. W. M. V. Barker. 2,393,878; Jan. 29.
Clamp for scaffolds, Safety. J. H. Hermanson. 2,398,306; Apr. 9.
Clamp for sewing machines, Work. A. R. Wood. 2,410,399; Oct. 29.
Clamp, Hinged. J. R. O'Donnell. 2,402,570; June 25.
Clamp operating tool. F. C. Wallace. 2,403,623; July 9.
Clamp or connector, Contact-making wire. H. H. Eby. 2,405,412; Aug. 6.
Clamping apparatus. C. H. Parker and W. W. Covington. 2,400,708; May 21.
Clamping device. L. B. Glaze. 2,405,251; Aug. 6.
Clamping device. W. W. Hurtel. 2,400,512; May 21.
Clamping device. E. Schmidt. 2,393,659; Jan. 29.
Clamping device and clamp strip therefor. M. G. Townsley. 2,393,842; Jan. 29.
Clamping device, Glue. R. H. Miller. 2,407,436; Sept. 10.
Clamping means for windshield deicer panels. J. H. Webster. 2,411,485; Nov. 19.
Clamping structure. S. J. Chris. 2,409,253; Oct. 15.
Clasp. L. N. Alberts. 2,407,466; Sept. 10.
Clasp. A. Veverka. 2,413,392; Dec. 31.
Clasp, Earring. L. Feingold. 2,405,025; July 30.
Clasp for bracelets or the like. R. M. Erffmeyer. 2,401,145; May 28.
Clasp for watch bracelets or the like. L. E. Valcourt. 2,408,279; Sept. 24.
Clasp, Jewelry. H. Miller. 2,397,284; Mar. 26.
Clasp, Sheathed knife. D. C. Bailey. 2,398,764; Apr. 23.
Classifier. G. D. Fenton. 2,409,265; Oct. 15.
Classifier, Mineral. J. C. Shannon. 2,407,851; Sept. 17.
Clay, Acid activated. S. R. Funsten. 2,398,825; Apr. 23.
Clays, Treatment of. A. D. Garrison and K. C. ten Brink. 2,408,207; Sept. 24.
Cleaner: *See*—
Air cleaner.
Automatic spark plug cleaner.
Cap cleaner.
Capsule cleaner.
Conveyer belt cleaner.
Cotton cleaner.
Cuspidor cleaner.
Electrolytic can cleaner.
Facial cleaner.
Hand cleaner.
Motor block cleaner.
Pipe cleaner.
Pipe-line cleaner.
Roll cleaner.
Rotary well bore cleaner.
Siphon cleaner.
Suction cleaner.
Vacuum cleaner.
Windshield cleaner.
Cleaner. T. C. Worth. 2,406,278; Aug. 20.
Cleaner and dent straightener, Pipe. J. R. Wood. 2,402,796; June 25.
Cleaner for air compressed, Two-way air. F. A. Donaldson and J. C. Enblom. 2,391,887; Jan. 1.
Cleaner for compressed air arranged for automatic draining. G. Garnier. 2,406,214; Aug. 20.
Cleaner for beer dispensing systems. E. G. Hedges. 2,413,626; Dec. 31.
Cleaner for pistons, Ring groove. K. G. Phillips. 2,412,748; Dec. 17.
Cleaners, Demonstrating device for vacuum. A. J. Chapman. 2,404,040; July 16.
Cleaning and coating metal, Composition for and method of. S. G. Thornbury. 2,408,153; Sept. 24.
Cleaning and polishing compositions. J. Ratner. 2,411,938; Dec. 3.
Cleaning and scouring machine. C. H. Anderson. 2,395,160; Feb. 19.
Cleaning apparatus, Electrolytic. C. K. Turner. 2,398,059; Apr. 9.
Cleaning apparatus, Floor. H. A. Travis. 2,397,707; Apr. 2.
Cleaning apparatus, Suction. C. H. Taylor. 2,409,230; Oct. 15.
Cleaning composition. A. Douty and F. Heller. 2,396,776;
Cleaning composition for aluminum and aluminum alloys. L. R. McCoy. 2,413,365; Dec. 31.
Cleaning compositions, Liquid. G. M. Skinner. 2,403,618–9; July 9.
Cleansing device. L. K. Rimer. 2,395,068; Feb. 19. Mar. 19.
Cleaning device. D. F. Rodgers. 2,402,577; June 25.
Cleaning device, Battery terminal post. J. J. Williams. 2,405,680; Aug. 13.
Cleaning device, Clothes. K. Wellman. 2,410,323; Oct. 29.
Cleaning device, Egg. M. A. Brown. 2,402,946; July 2.
Cleaning horse, Adjustable saddle. G. C. Anderson. 2,403,324; July 2.
Cleaning internal-combustion engines, Flushing liquid for. R. E. Burk. 2,403,169; July 2.
Cleaning machine, Carpet and rug. C. E. Erickson. 2,407,408; Sept. 10.
Cleaning machine, Floor. I. J. Owen. 2,406,247; Aug. 20.
Cleaning mechanism, Filter. C. G. Vokes and E. A. Stokes. 2,408,130; Sept. 24.
Cleaning method. B. J. Szatyn. 2,399,267; Apr. 30.
Cleaning plant, Air. C. W. J. Hedberg. 2,409,563; Oct. 15.
Cleaning process. C. A. Campbell. 2,399,205; Apr. 30.
Cleaning system, Vacuum. W. E. Bible. 2,404,358; July 23.
Clearing apparatus, Pin. C. L. Turner. 2,411,348; Nov. 19.
Clenching attachment for jaw crushing machines, Material. A. F. Hyde. 2,409,863; Oct. 22.
Clearing device, Automatic mark. E. F. Wesley. 2,409,232; Oct. 15.
Cleat assembly for athletic shoes. F. Vietas and F. L. Gardner. 2,412,788; Dec. 17.
Clenching apparatus. A. Nelson. 2,398,550; Apr. 16.
Climb and guide control for aircraft, Automatic. C. A. Frische and G. N. Hanson. 2,410,058; Oct. 29.
Clinometer. L. M. McBride. 2,411,165; Nov. 19.
Clip: *See*—
Adjustable harness clip.
Air cleaner.
Aircraft conduit supporting clip.
Conduit supporting clip.
Cushioned clip.
Detonator retaining clip.
Fuse clip.
Grain cleaner.
Hair clip.
Hair wave clip.
Line grounding clip.
Line supporting clip.
Pin curl clip.
Safety clip.
Snap lock harness clip.
Snap-on clip.
Subassembly conduit clip.
Suction cleaner.
Wire or conduit clip.
Wire supporting clip.
Wool clip.
Clip. O. G. Blocher. 2,406,315; Aug. 27.
Clip fastening means, Conduit. H. R. Ellinwood. 2,397,253; Mar. 26.
Clip for conduits, Supporting. E. M. Morehouse. Re. 22,824; Dec. 24. Dec. 24.
Clip for connecting and reinforcing joints in wood structures, Metallic. H. B. Maxwell and W. E. Edwards, Jr. 2,413,362; Dec. 31.
Clip for wires or conduits. A. Robertson. 2,393,063; Jan. 15.
Clip forming and applying machine. S. Frankel. 2,391,891; Jan. 1.
Clip forming and assembly tool. W. E. Jude. 2,394,187; Feb. 5.

Clip or clamp for use in connecting together structural members. A. Macbeth. 2,392,932; Jan. 15.
Clip or fastener for stovepipes and the like. A. M. Jenkins. 2,406,224; Aug. 20.
Clip squeezing tool. F. P. Forss. 2,396,562; Mar. 12.
Clipper and control means thereof, Veneer. W. J. Miller. 2,394,324; Feb. 5.
Clipper, Fruit. W. O. Thomas. 2,407,803; Sept. 17.
Clipper, Hair. R. B. Anderson. 2,406,986; Sept. 3.
Clipping system. J. A. Rado. 2,411,695; Nov. 26.
Clips, Attaching. L. V. McDonnell and P. Satterlee. 2,410,120; Oct. 29.
Clips or links, Manufacture of metal. V. J. Del Giudice. 2,413,548; Dec. 31.
Cloche, greenhouse, and the like. E. G. Johnson. 2,400,421; May 14.
Clock. F. Q. Rast. 2,403,552; July 9.
Clock. J. L. Smith. 2,411,597; Nov. 26.
Clock, Alarm. J. H. Gutteridge. 2,396,947; Mar. 19.
Clock winding mechanism. S. W. Bramley. 2,412,077; Dec. 3.
Closer, Collet. J. C. Thomas, III. 2,396,760; Mar. 19.
Closer for irrigation ridges, Gap. E. R. Bennett. 2,393,279; Jan. 22.
Closer, Spring door. F. Pfent. 2,411,635; Nov. 26.
Closet device. A. Lowenstein. 2,398,104; Apr. 9.
Closet light. R. A. MacDonald. 2,411,100; Nov. 12.
Closet or toilet, Ventilated water. J. G. Schotthoefer. 2,395,236; Feb. 19.
Closet, Water. F. J. La Mere. 2,409,048; Oct. 8.
Closet, Water. F. A. Peter. 2,401,098; May 28.
Closets, Making pressed metal water. J. Stanitz. 2,411,301; Nov. 19.
Closing device, Wound. R. Dow. 2,409,261; Oct. 15.
Closing machine. W. D. Jordan and H. W. Lindgren. 2,393,988; Feb. 5.
Closing machine. H. B. Peterson and R. E. Renard. 2,397,979; Apr. 9.
Closure. J. H. Conway. 2,397,948; Apr. 9.
Closure. W. J. Keith. 2,403,287; July 2.
Closure. R. Nyden. 2,398,553–4; Apr. 16.
Closure. R. B. Waite. 2,393,578; Jan. 22.
Closure and closing containers, Container. F. Gilbert, Jr. 2,403,855; July 9.
Closure, Bag. W. N. Baker. 2,391,938; Jan. 1.
Closure, Bag. C. V. Brady. 2,406,661; Aug. 27.
Closure, Bag. R. Debate. 2,393,151; Jan. 15.
Closure, Barrel. H. Merker and H. L. Newton. 2,397,500; Apr. 2.
Closure, Bottle. F. Ottenstein. 2,404,741; July 23.
Closure, Bottle. E. Greene. 2,409,846; Oct. 22.
Closure construction. C. W. Kelly. 2,394,784; Feb. 12.
Closure, Container. M. E. Baar. 2,394,135; Feb. 5.
Closure, Container. H. A. Barnby and J. M. Wheaton. 2,397,589; Apr. 2.
Closure, Container. E. M. Enkur. 2,403,511; July 9.
Closure, Container. W. C. Kesler and V. A. Ryan. 2,413,453; Dec. 31.
Closure, Container. E. G. King. 2,406,227; Aug. 20.
Closure, Container. E. G. King. 2,406,298; Aug. 20.
Closure, Container. R. N. Wallach. 2,411,012; Nov. 12.
Closure device. C. H. Judd. 2,402,556; June 25.
Closure device, Bottle. M. Prager. 2,412,833; Dec. 17.
Closure device for rendering bottles nonrefillable. J. S. del Llano. 2,407,063; Sept. 3.
Closure device, Screw-threaded. S. H. Smith. 2,408,233; Sept. 24.
Closure, Dispensing. A. Limbach. 2,393,255–6; Jan. 22.
Closure fastener. G. R. Gibson. 2,406,459; Aug. 27.
Closure for bottles, Register. L. F. Zehring. 2,400,328; May 14.
Closure for cartons. E. J. Biskamp. 2,407,865; Sept. 17.
Closure for high pressure vessels. D. P. Meigs. 2,396,469; Mar. 12.
Closure for paper bags, Forming. H. E. Clayton. 2,391,946; Jan. 1.
Closure for paper board containers. L. C. Brooks. 2,398,405; Apr. 16.
Closure for paper containers. F. J. O'Brien. 2,406,894; Sept. 3.
Closure for paper containers, Threaded. F. J. O'Brien. 2,412,004; Dec. 3.
Closure for sheet-metal container openings. H. W. Dodson. 2,411,149; Nov. 19.
Closure for valves of bags. A. Norvig. 2,397,198; Mar. 26.
Closure, Furnace. C. H. West. 2,407,047; Sept. 3.
Closure, Laminated container. W. A. Smith. 2,403,131; July 2.
Closure, Laundry net. W. D. Ellis and F. Thesmar. 2,392,034; Jan. 1.
Closure, Lever-track controlled boom bucket. J. H. Fitzgerald. 2,407,410; Sept. 10.
Closure means and method, Bag. R. J. Williams and H. C. Davis. 2,404,337; July 16.
Closure operating mechanism. V. H. Norris. 2,400,568; May 21.
Closure, Sewed bag. R. E. Read. 2,403,756; July 9.
Closure, Spirally wound barrel. D. C. Giles. 2,412,576; Dec. 17.
Closure structure, Dispensing. E. M. Houghton. 2,393,322; Jan. 22.
Closure to render bottles nonrefillable, Bottle. H. W. Hagen. 2,408,634; Oct. 1.
Closure, Vacuumized can. J. H. O'Neil. 2,412,169; Dec. 3.
Closure, Wall. T. C. Clark, Jr. 2,412,872; Dec. 17.
Closure, Watertight. V. H. Hurt. 2,409,489; Oct. 15.
Closures, Hermetic bag and tube. S. Bergstein. 2,412,862; Dec. 17.
Closures to containers, Applying. A. G. Osborne. 2,409,788; Oct. 22.
Cloth abrasive holder. C. Stang. 2,401,116; May 28.
Cloth dyeing machine. H. C. Wolfenden. 2,412,188; Dec. 3.
Cloth finishing clamp. D. M. McSpadden and J. Cook. 2,400,766; May 21.
Cloth, Polishing. J. D. Morgan and R. E. Lowe. 2,403,821; July 9.
Cloth, Tracing. C. J. Staud. 2,409,990; Oct. 22.
Cloth, Woven. J. V. Weinberger. 2,409,087; Oct. 8.
Clothes drier. L. Schissel. 2,406,638; Aug. 27.
Clothes hanger. C. M. Derderian. 2,408,201; Sept. 24.
Clothesline. A. Arotzky. 2,392,566; Jan. 8.
Clothesline. A. E. Whelan. 2,402,220; June 18.
Clothesline. M. E. Seymour. 2,407,387; Sept. 10.
Clothesline cover. L. M. Littlejohn. 2,407,959; Sept. 17.
Clothesline, Double duty. B. Goldman. 2,394,301; Feb. 5.
Clothesline holder. J. Waldheim. 2,393,490; Jan. 22.
Clothesline tightener. R. J. Rosinski. 2,403,553; July 9.
Clothespin. E. M. Mosely. 2,409,379; Oct. 15.
Clothing, Protective. C. P. Krupp. 2,411,830; Nov. 26.
Clothing, Protective. C. W. Leguillon and C. P. Krupp. 2,409,367; Oct. 15.
Club, Exercise. L. A. Benecke. 2,396,408; Mar. 12.
Cluster bomb rack. F. Schultze. 2,395,913; Mar. 5.
Clutch: *See*—
Air operated clutch.
Automatic clutch.
Automatic hydraulic clutch.
Balanced hydraulic clutch.
Balking ring clutch.
Centrifugal clutch.
Centrifugal type fluid clutch.
Controllable clutch.
Dog clutch.
Double clutch.
Electromagnetic clutch.
Engaging and disengaging mercury clutch.
Face clutch.
Fluid actuated clutch.
Fluid clutch.
Fluid operated clutch.
Freewheeling clutch.
Friction clutch.
Hydraulic clutch.
Hydraulically operated Impact clutch.
Magnetic clutch.
Multiple disk energizing clutch.
One-way rotary clutch.
Overload clutch.
rotating clutch.
Overspeed release clutch.
Pressure fluid clutch.
Punch press clutch.
Radial pressure clutch.
Reversible clutch.
Reversible releasable clutch.
Self-acting friction clutch.
Speed responsive clutch.
Synchronizing clutch.
Torque-responsive clutch.
Transmission clutch.
Tuning device clutch.
Two-way clutch.
Clutch. D. A. Baird and J. C. Auten. 2,402,527; June 25.
Clutch. J. T. Barron. 2,392,719; Jan. 8.
Clutch. J. J. Bloomfield. 2,400,625; May 21.
Clutch. C. M. Eason. 2,391,955; Jan. 1.
Clutch. C. M. Eason. 2,408,301; Sept. 24.
Clutch. M. L. Fast. 2,397,414; Mar. 26.
Clutch. D. Firth and A. T. Bodle. 2,396,647; Mar. 19.
Clutch. F. L. Hetzel and V. E. Carstedt. 2,409,757; Oct. 22.
Clutch. A. J. Kindig and J. W. Homer. 2,402,897; June 25.
Clutch. H. A. Knox. 2,405,582; Aug. 13.
Clutch. J. E. Kostur. 2,407,019; Sept. 3.
Clutch. N. D. Levin. 2,400,835; May 21.
Clutch. H. J. Luehrs. 2,411,739; Nov. 26.
Clutch. A. S. Odeveseff. 2,390,886; May 7.
Clutch. J. D. Rauch. 2,392,188; Jan. 1.
Clutch. H. Schneider. 2,398,806; Apr. 23.
Clutch. C. B. Spase. 2,407,727; Sept. 17.
Clutch. R. Townsend. 2,401,524; June 4.
Clutch and bearing construction. A. Y. Dodge. 2,407,772; Sept. 17.
Clutch and bearing, One-way. A. Y. Dodge. 2,412,803; Dec. 17.
Clutch and brake for electric motors and generators, Automatic. C. L. Paulus and R. K. Stout. 2,408,808; Oct. 8.
Clutch and brake mechanism. E. K. Johansen. 2,402,052; June 11.
Clutch and pattern drum mechanism. E. St. Pierre. 2,411,303; Nov. 19.
Clutch arbor, Pin. R. A. Young. 2,408,503; Oct. 1.
Clutch construction. W. C. Starkey. Re. 22,767; June 11.
Clutch control. C. R. Rogers, W. O. Bechman, and J. F. Ziskal. 2,409,515; Oct. 15.
Clutch control means. O. E. Fishburn. 2,393,153; Jan. 15.
Clutch driven hydraulic pump. G. D. Shaeffer. 2,413,081; Dec. 24.
Clutch for mechanical time fuses, Friction. Y. Sekella. 2,397,055; Mar. 19.
Clutch mechanism. R. E. Burrus. 2,396,985; Mar. 19.

Clutch mechanism. E. K. Johansen and R. W. Glasner. 2,396,427; Mar. 12.
Clutch mechanism. A. T. Nabstedt. 2,393,398; Jan. 22.
Clutch mechanism. M. Pedersen. 2,412,006; Dec. 3.
Clutch mechanism. O. E. Wolff. 2,400,585; May 21.
Clutch mechanism, Automatic. L. F. Moroney. 2,395,576; Feb. 26.
Clutch mechanism, Fluid pressure. L. O. McLean. 2,408,327; Sept. 24.
Clutch mechanism for variable-speed gearing. E. T. Gilliard. 2,403,594; July 9.
Clutch mechanism, Governor. C. Springhorn. 2,401,982; June 11.
Clutch mechanism, Sequentially controlled multiple. A. F. Pott. 2,399,890; May 7.
Clutch plate. J. Y. Blazek and G. E. Sears. 2,397,642; Apr. 2.
Clutch structure. C. Gerst. 2,392,984; Jan. 15.
Clutch structure. C. Gerst. 2,401,864; June 11.
Clutches and the like, Mechanism for actuating. A. McMillan. 2,400,765; May 21.
Clutches, gears, and other toothed parts, Grinding. E. Wildhaber. 2,401,446; June 4.
Clutches, One-way. A. Y. Dodge. 2,404,221; July 16.
Clutches, Producing face. E. Wildhaber. 2,394,222; Feb. 5.
Clutches to speed gears, Connection of. G. F. Halliday and A. W. Thomas. 2,407,955; Sept. 17.
Clutching mechanism. T. O. Ojutkangas. 2,398,716; Apr. 16.
Coach body. D. E. Austin. 2,405,394; Aug. 6.
Coagulation process. W. Squires, Jr., and P. T. Parker. 2,408,128; Sept. 24.
Coal and air to furnaces, Method and apparatus for supplying pulverized. E. G. Smith. 2,409,002; Oct. 8.
Coal for coking, Method and apparatus for preparing. F. Puening. 2,408,810; Oct. 8.
Coal for production of an activated primary carbon, Calcining. W. C. Goss. 2,407,268; Sept. 10.
Coal mine haulage vehicle. W. R. Beck. 2,405,636; Aug. 13.
Coal mining apparatus. C. E. Brown. 2,408,967; Oct. 8.
Coal mine haulage vehicle. W. R. Beck. 2,399,619; May 7.
Coaster brake. E. E. Hood. 2,410,785; Nov. 5.
Coat construction. J. Giuseffi. 2,396,095; Mar. 5.
Coat hanger. H. O. Joseph. 2,407,015; Sept. 3.
Coat hanger. O. L. O'Neal and V. L. Miller. 2,392,257; Jan. 1.
Coat hanger. C. L. Rothweiler. 2,409,708; Oct. 22.
Coat hanger adapted to be sewed into the shoulder lining of clothes. R. Senn. 2,411,233; Nov. 19.
Coat hanger or wall rack. W. Scurrah. 2,408,344; Sept. 24.
Coated article. M. Brown and R. E. Harr. 2,398,881; Apr. 23.
Coated article, Enamel. M. Brown and R. E. Harr. 2,399,094; Apr. 23.
Coated articles, Manufacture of. W. J. Malcolmson and R. V. Miner. 2,398,712; Apr. 16.
Coated articles, Manufacturing. J. T. Muller. 2,412,644; Dec. 17.
Coated board, Manufacture of. C. C. Heritage. 2,409,628–9; Oct. 22.
Coated fabric. C. Dreyfus. 2,393,302; Jan. 22.
Coated fabric. E. A. Rodman. 2,404,313; July 16.
Coated materials, Production of dust. M. H. Arveson. 2,399,717; May 7.
Coated metal container. J. C. Morrell. 2,412,528; Dec. 10.
Coated methyl methacrylate polymer. M. F. Bechtold. 2,404,357; July 23.
Coated vegetable-fiber board, Making a. C. C. Heritage and H. E. Walter. 2,409,630; Oct. 22.
Coating. C. E. McManus, J. D. Elder, G. B. Cooke, and A. J. Dornblatt. 2,405,662; Aug. 13.
Coating. R. M. Thomas and C. W. Ostrander. 2,393,943; Jan. 29.
Coating. P. Van Dyck and C. B. Bradley. 2,402,474; June 18.
Coating and impregnating compositions, Fire-resisting. C. F. Moon and N. Collinson-Jones. 2,407,615; Sept. 10.
Coating and rolling apparatus or the like. M. Cohen, G. A. Jorgenson, and G. Hasty. 2,402,874; June 25.
Coating apparatus. W. H. Barrett and B. K. Asdell. 2,406,057; Aug. 20.
Coating apparatus. G. K. Burns, S. Pitt, and D. V. Waters. 2,401,047; May 28.
Coating apparatus. T. G. Cunning. 2,402,986; July 2.
Coating apparatus. W. D. Maxim and E. Hutchins. 2,406,470; Aug. 27.
Coating apparatus. R. G. Rowe and J. P. Goepfert. 2,402,183; June 18.
Coating apparatus, Heel. E. E. Winkley. 2,401,395; June 4.
Coating apparatus, Lens. G. L. Dimmick. 2,410,720; Nov. 5.
Coating applying device. R. C. Adams. 2,411,842; Dec. 3.
Coating by flame-spraying method. M. L. Macht and M. M. Renfrew. 2,410,225; Oct. 29.
Coating composition. L. W. Chubb, Jr., and C. J. T. Young. 2,397,242; Mar. 26.
Coating composition. C. Dreyfus and B. Andersen. 2,397,093; Mar. 26.
Coating composition. C. K. Sloan and G. D. Patterson. 2,410,187; Oct. 29.
Coating composition. W. E. Tann. 2,393,495; Jan. 22.
Coating composition and making same, Liquid. G. Witty. 2,406,649; Aug. 27.
Coating composition and preparing same. H. Gerhart. 2,399,179; Apr. 30.
Coating composition, Cellulose acetate butyrate. C. Bogin. 2,400,453; May 14.
Coating composition, Fire resistant. M. Leatherman. 2,407,668; Sept. 17.
Coating composition, Liner. A. A. Srere. 2,413,007; Dec. 24.
Coating composition, Nonadherent. I. M. Bernstein. 2,396,633; Mar. 19.
Coating composition, Preparing. W. F. May. 2,395,895; Mar. 5.
Coating composition, Removable. H. K. Ash. 2,404,353; July 23.
Coating compositions. W. E. Craig. 2,394,233; Feb. 5.
Coating compositions. L. M. Kebrich and E. P. Peterson. 2,406,609; Aug. 27.
Coating compositions. A. N. Laus. 2,396,051; Mar. 5.
Coating compositions. F. J. Soday. 2,395,076; Feb. 19.
Coating compositions and manufacturing. W. T. Walton and J. W. Eysenbach. 2,395,925; Mar. 5.
Coating compositions for moisture-proofing by hot melt coating. M. Salo. 2,409,985–6; Oct. 22.
Coating compositions for use in preparing photo-templates. L. Balassa and R. A. McGlone. 2,393,583; Jan. 29.
Coating compositions, Liquid. M. Riccitiello. 2,411,554; Nov. 26.
Coating compositions, Vinyl resin. G. H. Morey. 2,408,174; Sept. 24.
Coating compound. W. J. Baldwin. 2,396,979; Mar. 19.
Coating device. V. F. Zdancewicz. 2,412,954; Dec. 24.
Coating films, Applying. M. Wilson. 2,405,249; Aug. 6.
Coating for cadmium and zinc. R. M. Thomas and C. W. Ostrander. 2,393,663; Jan. 29.
Coatings for cellulose acetate plastics. C. Bogin. 2,406,658; Aug. 27.
Coating for packaging polymers, Surface. F. Knoth, Jr., and M. A. Pavlick. 2,394,616; Feb. 12.
Coating lead sheathed cable. T. K. Cox, A. N. Gray, and V. A. Rayburn. 2,393,024; Jan. 15.
Coating machine. R. E. J. Nordquist. 2,395,903; Mar. 5.
Coating machine. J. A. Paasche. 2,400,315; May 14.
Coating machine and coating. G. L. Sherwood. 2,404,000; July 16.
Coating material. H. O. Farr, Jr. 2,392,135; Jan. 1.
Coating material and composition. G. B. Cooke and F. J. Gavin. 2,394,843; Feb. 12.
Coating material, Chemical-resistant. D. W. Young. 2,409,336; Oct. 15.
Coating material for lining cans. W. F. May. 2,395,894; Mar. 5.
Coating material, Water repellant. R. Canter and H. D. Geyer. 2,404,431; July 23.
Coating materials. H. L. Gerhart. 2,392,732; Jan. 8.
Coating, Metal. E. S. Mott. 2,398,108; Apr. 9.
Coating, Metallic. E. E. Bryant. 2,403,706; July 9.
Coating process and apparatus therefor, Metal. T. Sendzimir. 2,401,374; June 4.
Coating process, Metal. A. Douty and G. C. Romig. 2,403,426; July 2.
Coating sheet materials. P. J. Massey and L. M. Burgess. 2,402,903; June 25.
Coating, Thermoplastic. T. W. Noble. 2,394,254; Feb. 5.
Coating, Temporary. G. Selden. 2,408,814; Oct. 8.
Coatings for nonferrous metals, Protective. G. W. Jernstedt and J. C. Lum. 2,394,065; Feb. 5.
Coatings, Metal protective. H. S. Holt. 2,402,551; June 25.
Coatings, Temporary protective. J. D. Ryan. 2,392,768; Jan. 8.
Coatings to flexible strips and the like, Applying plastic. H. A. Cook, Jr. 2,401,550; June 4.
Coaxial distributor and system, High-frequency. F. A. Jenks and D. F. Folland. 2,408,779; Oct. 8.
Coaxial line. E. C. Okress and P. Kusch. 2,404,085; July 16.
Cobaltite, Separation of. J. R. Cunningham. 2,403,640; July 9.
Cock, Selector. O. M. Burkhardt. 2,405,940; Aug. 20.
Cocoa manufacture. L. C. Benedict. 2,397,402; Mar. 26.
Cocoa, Removal of astringent substances from. G. Lawton. 2,398,845; Apr. 23.
Code detecting means. F. H. Nicholson. 2,403,744; July 9.
Coffee extracts, Making. J. L. Kellogg. 2,408,260; Sept. 24.
Coffee maker. A. D. Strahm. 2,400,613; May 21.
Coffee making machine. T. L. Lacreman. 2,398,314; Apr. 9.
Coffee, Making solid concentrates of. C. W. Carter. 2,398,081; Apr. 9.
Coil and condenser, Combination. C. E. Dolberg. 2,403,349; July 2.
Coil, Shielded. H. O. Berg. 2,407,916; Sept. 17.
Coil winding device. O. J. Luke. 2,412,591; Dec. 17.
Coil, Winding special continuous. F. D. Fielder and E. J. Grimmer. 2,393,037; Jan. 15.

Coiled structures, Making. H. J. Doell. 2,392,842; Jan. 15.
Coiling apparatus. J. A. Wagner. 2,407,353; Sept. 10.
Coils and yoke and manufacturing same, Deflecting. G. L. Grundmann. 2,395,736; Feb. 26.
Coils, Forming. A. C. Korte. 2,400,008; May 7.
Coils, Making inductance. E. R. Mann. 2,404,185; July 16.
Coin controlled multiple certificate and printing means. A. C. Peterson. 2,411,805; Nov. 26.
Coin counting device. E. Reis. 2,396,605; Mar. 12.
Coin selector device. H. T. Larimore. 2,395,279; Feb. 19.
Coin separator. W. F. O'Toole. 2,398,955; Apr. 23.
Coin wrapping machine. J. B. Barron. 2,394,886; Feb. 12.
Coke-oven method. J. Becker. 2,402,592; June 25.
Cold worked hollow stem valve. J. M. Kerwin and S. H. Norton. 2,411,734; Nov. 26.
Collapsible bottle carrier. H. Arnold. 2,395,711; Feb. 26.
Collapsible box. H. W. Finn. 2,396,168; Mar. 5.
Collapsible container. P. Zalkind. 2,396,140; Mar. 5.
Collapsible cooking receptacle. B. H. Foster. 2,395,794; Feb. 26.
Collapsible device. E. J. Stone. 2,409,452; Oct. 15.
Collapsible garment hanger. W. Gersohn. 2,409,269; Oct. 15.
Collapsible horse or support. H. C. Evans. 2,399,861; May 7.
Collapsible receptacle. L. H. Williams. 2,405,627; Aug. 13.
Collapsible table. K. Peter. 2,406,436; Aug. 27.
Collapsible tube. B. Bogoslowsky. 2,396,635; Mar. 19.
Collapsible tube. B. Bogoslowsky. 2,411,244; Nov. 19.
Collapsible tube. W. Zahara. 2,401,784; June 11.
Collapsible tube holder. E. L. Lahtinen. 2,396,016; Mar. 5.
Collapsible wheel aligning gauge. W. W. Laughlin. 2,401,255; May 28.
Collar. M. M. and V. M. Newman. 2,411,385; Nov. 19.
Collar and cementing shoe, Float. R. N. Burnett. 2,393,457; Jan. 22.
Collar and the like. J. H. Skinkle and L. Weinstein. 2,393,828–9; Jan. 29.
Collar can collar and mounting therefor. W. F. Punte 2,403,192; July 2.
Collar can collar mounting. J. Coyle and W. F. Punte 2,403,788; July 9.
Collar, Flea-guard dog. T. A. Lamb, Jr. 2,401,253; May 28.
Collar, Force. H. B. Brose. 2,394,144; Feb. 5.
Collar, Shirt. H. Henschel. 2,405,788; Aug. 13.
Collar, Turndown shirt. L. U. Michael. 2,408,570; Oct. 1.
Collating apparatus. A. P. Karbach, Jr., and V. D. Evans. 2,398,646; Apr. 16.
Collector, Current. W. J. Lewis and J. H. Sanfor. 2,411,797; Nov. 26.
Collector, Current. L. H. Stauffer. 2,406,262; Aug. 20.
Collector, Cyclone dust. J. Crites. 2,408,250; Sept. 24.
Collector, Dust. C. J. Peterson. 2,407,722; Sept. 17.
Collector, Dust. R. J. Stewart. 2,407,751; Sept. 17.
Collector for grinding operations, Dust. E. F. Fisher. 2,399,629; May 7.
Collector for rotating machines, Current. E. Kobel. 2,401,166; May 28.
Collector-ring assembly, Supercharged, B. A. Rose and F. B. Powers. 2,393,066; Jan. 15.
Collector, Trolley shoe current. C. M. Feist. 2,399,995; May 7.
Collector, Unit dust. C. S. Hulton. 2,413,499; Dec. 31.
Collet. A. M. Stoner. 2,403,136; July 2.
Collet actuator, Co-ordinted-cam. R. F. Brennen. 2,410,807; Nov. 12.
Collet chuck. K. C. Bugg. 2,393,140; Jan. 15.
Collet chuck. R. E. Hines. 2,410,344; Oct. 29.
Collet chuck. W. H. Schneider. 2,397,159; Mar. 26.
Collet chuck, Drawn-in. J. N. Landau. 2,398,540; Apr. 16.
Collet chuck, Fluid actuated. G. W. Cook. 2,393,458; Jan. 22.
Collet tube coller. J. D. Petsche. 2,397,561; Apr. 2.
Collimating system. E. H. Land. 2,405,960; Aug. 20.
Collimator. K. O. Sisson. 2,405,063; July 30.
Collocating gauge. D. F. Ringle. 2,404,889; July 30.
Colloid mill. A. A. Lund. 2,402,170; June 18.
Colloid resists with substantive dyes, Developing. F. T. Powers. 2,411,108; Nov. 12.
Colloidal dispersions, Method and apparatus for concentrating. H. W. Tausch. 2,397,818; Apr. 2.
Colloidally dispersed dimethylol urea resins. C. S. Maxwell. 2,407,376; Sept. 10.
Color correction process, Photographic. Le R. M. Dearing. 2,393,756; Jan. 29.
Color, Dehydrated caramel. W. A. Heyman. 2,402,999; July 2.
Color flicker reducing apparatus. M. Cawein. 2,393,235; Jan. 22.
Color matching apparatus. J. L. Michaelson. 2,411,741; Nov. 26.
Color photography and compositions and elements therefor utilizing polymeric quaternary ammonium dye intermediates. J. E. Kirby. 2,396,275; Mar. 12.
Color pictures, Color correction of. G. F. Rackett. 2,413,468; Dec. 31.
Color stabilization. H. C. Black. 2,408,904; Oct. 8.
Coloration of textile materials. H. Platt and C. M. Croft. 2,405,669; Aug. 13.
Colored designs, Method and apparatus for producing. F. Burchell and B. Ivins. 2,393,968; Feb. 5.
Colored gas signal. D. M. MacMillan and J. Vinton. 2,402,968; July 2.
Colored gas signal. D. M. MacMillan, J. Vinton, and A. C. Paiva. 2,398,545; Apr. 16.
Colored light signal. W. B. Wells. 2,413,127; Dec. 24.
Colored photographic pictures, Production of. B. Gaspar. 2,410,025; Oct. 29.
Colorfilm and processing the same, Multilayer reversal. H. H. Duerr and H. W. Morreall, Jr. 2,393,027; Jan. 15.
Coloring compounds, Indigoid. J. B. Dickey and J. G. McNally. 2,397,928; Apr. 9.
Coloring matters, Manufacture of. H. Dreyfus. 2,402,538; June 25.
Coloring matters, Manufacture of new. E. P. Goodings and M. A. T. Rogers. 2,410,604; Nov. 5.
Coloring matters, Manufacture of new. M. A. T. Rogers. 2,407,346; Sept. 10.
Column construction for industrial trucks, Steering. T. B. Funk. 2,398,498; Apr. 16.
Column for prone positioned pilots, Control. C. H. Zimmerman. 2,411,770; Nov. 26.
Column, Fractionating. W. J. Podbielniak. 2,400,021; May 7.
Column, Steering. C. C. Oliver. 2,409,062; Oct. 8.
Comb. E. L. Hollenbeck. 2,408,142; Sept. 24.
Comb. G. H. Kemmer. 2,395,002; Feb. 19.
Comb. C. Lewis. 2,410,086; Oct. 29.
Comb. E. P. Randall. 2,403,551; July 9.
Comb. B. M. Schweizer. 2,397,696; Apr. 2.
Comb and case, Sanitary self-cleaning. W. S. Richards. 2,398,039; Apr. 9.
Comb and case therefor, Self-cleaning. J. Schier. 2,405,372; Aug. 6.
Comb and curler, Finger waving. Z. Stinson. 2,401,117; May 28.
Comb, Beautician's. M. L. Finman. 2,411,252; Nov. 19.
Comb, Hair. J. D. Dorkin. 2,401,143; May 28.
Comb, Hair. F. Price. 2,401,186; May 28.
Comb, Hair curling. D. A. Day. 2,406,490; Aug. 27.
Comb-needle assembly, Textile. J. S. Smith. 2,404,755; July 23.
Comb system, Top. F. L. Crockett. 2,410,150; Oct. 29.
Comber. A. Job. 2,410,738; Nov. 5.
Combs from sheet stock, Making. W. Huppert. 2,408,778; Oct. 8.
Combination aerial and land vehicle. R. C. Read and E. W. Schlieben. 2,410,234; Oct. 29.
Combination bactericidal and illuminating lamp. W. B. Morehouse. 2,407,379; Sept. 10.
Combination cigarette and card case. G. G. Mevi. 2,410,087; Nov. 12.
Combination drafting instrument. G. H. Thurston. 2,393,873; Jan. 29.
Combination for use in accounting. F. W. Trumbull. 2,401,030; May 28.
Combination gas and liquid fuel burner. Z. J. Hauzvic. 2,412,579; Dec. 17.
Combination gas and oil burner. W. A. Clements. 2,393,887; Jan. 23.
Combination hand tool. L. C. Hotvedt. 2,407,832; Sept. 17.
Combination heater and refuse burner. D. Handelan. 2,404,705; July 23.
Combination lock. T. J. Gray. 2,393,465; Jan. 22.
Combination lock. S. S. Karavia. 2,394,188; Feb. 5.
Combination stretcher and invalid's reclining chair. J. P. Letschert. 2,400,155; May 14.
Combination tool. A. J. Cothern. 2,394,845; Feb. 12.
Combination tool. P. W. Yankun. 2,403,254; July 2.
Combination work and jig support. H. B. Daley. 2,401,054; May 28.
Combined amplifier and power supply circuit. H. Goldberg and W. C. Thompson. 2,403,716; July 9.
Combined check sorting and photographing apparatus. S. Gorad and P. F. Jacobs. 2,393,462; Jan. 22.
Combined chimney and blowoff valve. H. L. Wetherbee. 2,406,727; Aug. 27.
Combined door-hinging, door-checking, and door-holding device. R. I. Schonitzer. 2,394,014; Feb. 5.
Combined gauge hole cover and vapor line connector. J. H. Wiggins. 2,406,521; Aug. 27.
Combined hand and shopping bag. C. Plapler. 2,412,007; Dec. 3.
Combined limiter and squelch circuit. E. R. Pfaff. 2,405,845; Aug. 13.
Combined package and serving container. W. H. Barton and H. M. Snell. 2,401,038; May 28.
Combined thread and rubber bearing. J. W. Leighton. 2,400,238; May 14.
Combing and ironing machine, Fur. R. L. Griffin and N. Y. Moore. 2,405,032; July 30.
Combining and separating device. L. McL. Hunter. 2,404,232; July 16.
Combustible gas indicator. M. G. Jacobson and R. E. Hartline. 2,393,220; Jan. 15.

Combustibles. C. M. Loane and R. W. Watson. 2,391,988; Jan. 1.
Combustion apparatus. L. H. Abel. 2,398,911; Apr. 23.
Combustion apparatus. R. H. Goddard. 2,395,406; Feb. 26.
Combustion apparatus. R. H. Goddard. 2,396,567; Mar. 12.
Combustion apparatus. R. H. Goddard. 2,397,655; Apr. 2.
Combustion apparatus. D. J. Mosshart. 2,398,031; Apr. 9.
Combustion apparatus. C. Scholl. 2,396,888; Mar. 19.
Combustion apparatus for aircraft, Rotatable. R. H. Goddard. 2,395,403; Feb. 26.
Combustion burner. I. Lubbock and F. J. Battershill. 2,398,654; Apr. 16.
Combustion chamber. R. H. Goddard. 2,405,785; Aug. 13.
Combustion control apparatus. S. A. Pearson. 2,408,445; Oct. 1.
Combustion engine. F. G. Prieto. 2,399,507; Apr. 30.
Combustion engine. F. G. Prieto. 2,403,395; July 2.
Combustion improving apparatus. J. E. Pernet. 2,406,398; Aug. 27.
Combustion turbine burner. H. A. Altorfer. 2,411,181; Nov. 19.
Combustion unit. C. F. Heath. 2,403,860; July 9.
Comforter. R. M. Leslie. 2,399,235; Apr. 30.
Comforter. F. C. Leslie. 2,402,648; June 25.
Comminuting and drying materials, Method and apparatus for. N. N. Stephanoff. 2,392,866; Jan. 15.
Communicating intelligence, Method and system for. N. H. Young, Jr. 2,406,881; Sept. 3.
Communication. E. Labin and D. D. Grieg. 2,410,350; Oct. 29.
Communication and distance determining system. I. Wolff. 2,407,199; Sept. 3.
Communication and recognition system. H. B. Deal. 2,404,696; July 23.
Communication between ships. W. B. Ellwood. 2,406,860; Aug. 27.
Communication equipment. W. E. Gilman. 2,394,374; Feb. 5.
Communication in pipe line. E. W. Smith. 2,407,299; Sept. 10.
Communication in pipe lines. E. W. Smith. 2,406,859; Sept. 3.
Communication, Speech privacy. F. G. Buhrendorf. 2,406,347; Aug. 27.
Communication system. R. A. Clark, Jr. 2,393,291; Jan. 22.
Communication system. R. V. L. Hartley. 2,405,211; Aug. 6.
Communication system. F. S. Kinkead. 2,407,286; Sept. 10.
Communication system. D. G. C. Luck. 2,404,306; July 16.
Communication system. L. A. Meacham. 2,408,085; Sept. 24.
Communication system. N. D. Preston. 2,408,878; Oct. 8.
Communication system. H. H. Schneckloth. 2,413,001; Dec. 24.
Communication system. A. C. Schroeder. 2,406,165; Aug. 20.
Communication system. J. O. Shepherd. 2,398,755; Apr. 16.
Communication system, Carrier. L. G. Abraham. 2,407,238; Sept. 10.
Communication system, Directionally selective radio. R. E. Hersey. 2,401,759; June 11.
Communication system, Electric wave. E. M. Deloraine. 2,412,974; Dec. 24.
Communication system, Facsimile. J. H. Homrighous. 2,409,488; Oct. 15.
Communication system for ultra high frequencies. L. J. Wolf. 2,407,860; Sept. 17.
Communication system, High-frequency electrical. P. K. Chatterjea and L. W. Houghton. 2,406,803; Sept. 3.
Communication system, Pulse. M. G. Crosby. 2,401,618; June 4.
Communication system, Radio. J. C. O'Brien. 2,407,846; Sept. 17.
Communication system, Radio. L. C. Roberts. 2,407,684; Sept. 17.
Communication system, Secret. A. V. Bedford. 2,401,402; June 4.
Communication system, Secret. A. N. Goldsmith. 2,405,252; Aug. 6.
Communication system, Secrecy. P. K. Chatterjea and L. W. Houghton. 2,412,964; Dec. 24.
Communication system, Secrecy. J. F. Craib. 2,402,050; June 11.
Communication system, Secrecy. J. H. Hammond, Jr. 2,404,839; July 30.
Communication system, Secrecy. A. V. Loughren. 2,402,058; June 11.
Communication system, Secrecy. C. S. Szegho. 2,401,985; June 11.
Communication system, Ultra short wave. H. E. Goldstine. 2,396,096; Mar. 5.
Communication systems, Suppression of noise in. S. T. Fisher. 2,409,977; Oct. 22.
Communication, Wireless. A. Korn. 2,403,603; July 9.
Communications system. W. S. Halstead. 2,407,417; Sept. 10.
Communications system. W. S. Halstead. 2,411,786; Nov. 26.
Communications system, Cryptographic. J. E. Smith. 2,401,888; June 11.
Commutator apparatus. N. E. Lindenblad. 2,402,422; June 18.
Commutator construction. F. A. Heddleson and A. C. Weierich. 2,408,210; Sept. 24.
Commutators, Making. C. E. Meyerhoefer. 2,400,590; May 21.
Compact. A. A. Flaster. 2,399,997; May 7.
Compact, Illuminating. M. Aronek. 2,392,516; Jan. 8.
Compacting machine. R. Harsch. 2,412,398; Dec. 10.
Comparator. E. F. Hohwart. 2,409,280; Oct. 15.
Comparator, Phase. R. E. Troell. 2,405,073; July 30.
Comparison system, Phase. M. Fuchs. 2,407,659; Sept. 17.
Compartment in shape of catenary, Storage. S. Steele. 2,397,762; Apr. 2.
Compartmented fiberboard egg case. R. Guyer. 2,404,704; July 23.
Compass. F. W. Chapman. 2,407,536; Sept. 10.
Compass. A. M. Moen. 2,393,698; Jan. 29.
Compass. P. Reltzer. 2,396,202; Mar. 5.
Compass, Beam. R. M. Eskil. 2,406,343; May 14.
Compass compensation, System of. H. Jenkins. 2,412,617; Dec. 17.
Compass fluid. J. D. Morgan and R. E. Lowe. 2,398,662; Apr. 16.
Compass, Gyromatic radio. W. P. Lear and W. D. Davis. 2,392,329; Jan. 8.
Compass, Inductor. E. J. Martin and C. E. Grinstead. 2,403,669; July 9.
Compass, Magnetic. S. Krasnow and J. M. S. Kaufman. 2,402,638; June 25.
Compass, Magnetic. B. E. Sherrill. 2,396,133; Mar. 5.
Compass system. P. A. Noxon. 2,399,885; May 7.
Compensating circuit. W. J. O'Brien. 2,404,809; July 30.
Compensating device. J. J. Moynihan. 2,396,056; Mar. 5.
Compensating means, Jacquard. J. Robinson. Re. 22,804; Oct. 15.
Compensator, Electric. L. Batchelder. 2,406,340; Aug. 27.
Compensator for fuel pumps, Altitude. M. A. Trisler. 2,406,973; Sept. 3.
Compensator, Multiple band radio direction. W. P. Lear. 2,398,100; Apr. 9.
Compensator, Voltage. E. M. Callender. 2,393,884; Jan. 29.
Complex waves, Representation of. W. Koenig, Jr. 2,403,983; July 16.
Complex waves, Representation of. W. Koenig, Jr., and A. E. Ruppel. 2,403,984; July 16.
Complex waves, Representation of. R. K. Potter. 2,403,997; July 16.
Composite material. J. Harmon. 2,393,987; Feb. 5.
Composite sheet material. F. W. Clark. 2,400,487; May 21.
Composite slab sheet or plate. W. Noble. 2,391,997; Jan. 1.
Composite strip stock, Method and apparatus for making. C. A. Mann. 2,405,222; Aug. 6.
Composite structure. O. H. Webb. 2,401,281; May 28.
Composition. M. P. Kleinholz. 2,403,928; July 16.
Composition. G. C. North, A. J. Alton, and L. Little. 2,392,995; Jan. 15.
Composition adapted for inductive heating and using same. F. Kohler. 2,393,541; Jan. 22.
Composition and process, Defoaming. R. H. Larsen. 2,412,276; Dec. 10.
Composition comprising vermiculite and a thermoplastic resin. T. P. G. Shaw. 2,411,470; Nov. 19.
Composition, Corrosion resistant. J. I. Wasson and G. W. Duncan. 2,401,993; June 11.
Composition, Detergent. L. H. Flett and G. C. Toone. 2,401,726; June 11.
Composition, Dust preventive E. R. Butcher. 2,399,464–5; Apr. 30.
Composition for cleaning dentures. F. D. Snell and K. W. Haeseler. 2,409,718; Oct. 22.
Composition for conditioning thread. R. D. MacLaurin. 2,404,240; July 16.
Composition for discharge printing. E. C. Jensen, H. G. Scull, and J. G. McNally. 2,409,980; Oct. 22.
Composition for effecting agglomeration of solids in aqueous suspensions. R. Tutt, Jr., J. R. Hubbard, and C. R. McKee. 2,403,143; July 2.
Composition for lining the joints of sheet metal containers. J. E. Robinson and P. W. Millelot, Jr. 2,395,502; Feb. 26.
Composition for lining the seams of sheet metal containers. J. E. Robinson and P. W. Millelot, Jr. 2,392,412; Jan. 8.
Composition for removal of suspended or dissolved materials from liquids, Coagulant. R. Willem. 2,393,269; Jan. 22.
Composition from waste liquor of cellulose, Manufacturing a. E. Rheinberger. 2,400,053; May 7.
Composition, molded product, and making, Molding. E. A. Hauser and E. M. Dannenberg. 2,401,348; June 4.
Composition of matter. A. Burger. 2,400,913; May 28.

Composition of matter. E. L. Carr. 2,393,500; Jan. 22.
Composition of matter. E. L. Carr. 2,393,507; Jan. 22.
Composition of matter. C. F. Gibbs. 2,393,156; Jan. 15.
Composition of matter. W. C. Smith. 2,396,293; Mar. 12.
Composition of matter. J. C. Zimmer and A. J. Morway. 2,398,271; Apr. 9.
Composition of matter and making same. M. De Groote. 2,395,400; Feb. 26.
Composition of matter and making same. M. De Groote. 2,403,343–4; July 2.
Composition of matter and making same. M. De Groote and B. Keiser. 2,394,432; Feb. 5.
Composition of matter and making same. M. De Groote and B. Keiser. 2,401,055; May 28.
Composition of matter and making same. M. De Groote, B. Keiser, and A. F. Wirtel. 2,403,345; July 2.
Composition of matter and method. R. S. Shelton and M. G. Van Campen, Jr. 2,408,345; Sept. 24.
Composition of matter, coated article, and making the same. F. J. Soday. 2,394,816; Feb. 12.
Composition of matter for making road markers, laying floors, and the like. F. J. Farrell. 2,393,525; Jan. 22.
Composition of matter, New. M. De Groote. 2,400,393; May 14.
Composition of matter suitable as a hydraulic fluid. M. H. Kollen. 2,408,983; Oct. 8.
Composition of matter suitable for use as a lubricant and lubricant comprising the same. J. M. Musselman. 2,399,243; Apr. 30.
Composition of matter suitable for use as a lubricant and lubricant comprising the same. J. M. Musselman. 2,413,332; Dec. 31.
Composition or admixture for concrete and incorporating it therein. J. V. Drummond. 2,393,597; Jan. 29.
Compositions and applications thereof, Plastic. W. H. Lycan. 2,397,612; Apr. 2.
Compositions containing diazinyl carboxy-alkyl sulphides. G. F. D'Alelio and J. W. Underwood. 2,393,753; Jan. 29.
Compositions, Dry size. R. T. Mashburn. 2,401,090; May 28.
Compositions comprising blown terpenic products and vinyl polymers and making. M. T. Harvey. 2,409,276; Oct. 15.
Compositions for killing weeds. F. D. Jones. 2,396,513; Mar. 12.
Compositions for paper and the like, Coating. C. G. Landes. 2,399,489; Apr. 30.
Compositions from aqueous and nonaqueous vehicle, Paint. M. T. Schmidt. 2,401,666; June 4.
Compositions, Mastic. V. E. Watts and P. E. McCoy. 2,399,411; Apr. 30.
Compositions of matter. E. W. Bousquet. 2,405,559; Aug. 13.
Compositions of matter. F. D. Jones. 2,394,915; Feb. 12.
Compositions of matter. W. C. McCrone. 2,393,999; Feb. 5.
Compositions of matter, and making the same, Vitreous and vitrifiable. H. R. Feichter. 2,413,441; Dec. 31.
Compositions of matter and methods and steps of making and using the same. M. T. Harvey. 2,392,589; Jan. 8.
Compositions of matter and steps of making and using the same. M. T. Harvey. 2,412,264; Dec. 10.
Composition panel board. W. F. Hayes. 2,405,423; Aug. 6.
Composition, Plastic solvent. R. F. Buller. 2,401,904; June 11.
Composition, Sound recording. H. P. Billings. 2,401,900; June 11.
Compositions, Plasticized polyvinyl. E. S. Yates and R. F. Gager. 2,399,456; Apr. 30.
Compositions, Polyvinyl alcohol. H. M. Sonnichsen and R. F. Gager. 2,399,401; Apr. 30.
Compound to improve the durability of leather and leather soles. A. Fischer. 2,412,140; Dec. 3.
Compounds. J. G. Lichty. 2,405,894; Aug. 13.
Compounds and making same, Organic. M. H. Daskais and E. K. Fields. 2,400,876; May 28.
Compounds, Highly used. W. J. Peppel. 2,408,095; Sept. 24.
Compounds of albumen and cholesterol. M. Oberdörffer, A. Bütenandt, J. Schmidt-Thomé, and Hans Maier-Hüser. 2,392,058; Jan. 1.
Compounds of the cyclopentanopolyhydrophenanthrene series and making same. T. Reichstein. 2,403,683; July 9.
Compounds of the imidazolidone series and making them. R. Duschinsky. 2,397,250; Mar. 26.
Compressed air coolant circulatory pump. J. De W. Gray and W. S. Stone. 2,394,169; Feb. 5.
Compressed air-driven drill. R. W. Mann and R. C. Wiles. 2,407,613; Sept. 10.
Compresser, Air. W. J. Rouleau. 2,404,660; July 23.
Compresser, Centrifugal. F. Whittle. 2,404,609; July 23.
Compressing apparatus, Fluid. V. V. Biasutta. 2,411,020; Nov. 12.
Compressing apparatus, Intercooled. R. C. Allen, C. E. Kenney, and W. F. Wilson. 2,396,484; Mar. 12.
Compression and oil scraping ring, Combination. R. J. Marvin and A. Wiebke. 2,410,177; Oct. 29.
Compressional-wave radiator and receiver, Prismatic and high power. W. P. Mason. 2,404,391; July 23.
Compressional wave system, Multiplex. W. P. Mason. 2,408,436; Oct. 1.
Compressional waves, Sending and receiving. L. Batchelder. 2,408,028; Sept. 24.
Compressor. A. E. Biermann. 2,411,707; Nov. 26.
Compressor. L. C. Hufford and L. R. Gray. 2,391,972; Jan. 1.
Compressor. P. Maniscalco. 2,403,814; July 9.
Compressor. P. Maniscalco and P. Maniscalco, Jr. 2,404,079; July 16.
Compressor. P. Schlumbohm. 2,404,890; July 30.
Compressor. C. Steenstrup. 2,394,409; Feb. 5.
Compressor. J. Szydlowski. 2,397,060; Mar. 19.
Compressor, Air. P. L. Crittenden. 2,406,202; Aug. 20.
Compressor, Air. J. E. Erickson. 2,408,765; Oct. 8.
Compressor capacity control, Modulating. K. M. Gerteis. 2,412,503; Dec. 10.
Compressor, Centrifugal. R. Birmann. 2,405,284; Aug. 6.
Compressor, Centrifugal. K. Campbell and J. E. Talbert. 2,399,852; May 7.
Compressor, Centrifugal. W. S. Thompson. 2,392,200; Jan. 1.
Compressor, Centrifugal. W. S. Thompson. 2,399,072; Apr. 23.
Compressor, Centrifugal type. J. S. Alford. 2,409,837; Oct. 22.
Compressor, Centrifugal type. E. L. Coe. 2,409,836; Oct. 22.
Compressor, Circulating. A. M. Porter. 2,399,571; Apr. 30.
Compressor entry vanes, Centrifugal. K. A. Browne. 2,398,203; Apr. 9.
Compressor, Fluid. W. H. Leinweber. 2,406,229; Aug. 20.
Compressor for tying machines, Package. A. G. Suelflow. 2,402,692; June 25.
Compressor unit. J. M. Long. 2,413,636; Dec. 31.
Compressor, Unitary engine. L. E. Fowler. 2,394,904; Feb. 12.
Compressor units, Making motor. F. I. Rataiczak. 2,405,904; Aug. 13.
Compressor, Variable ratio. R. Birmann. 2,405,282; Aug. 6.
Compressors, Regulation of rotary. T. Clark and L. R. Fellows. 2,398,619; Apr. 16.
Computations, Machine for statistical. M. Rosenberg and M. Cohen. 2,401,021; May 28.
Computer. N. W. Feldman. 2,410,437; Nov. 5.
Computer, Azimuth. J. Hilsenrath and S. Globe. 2,408,776; Oct. 8.
Computer, Gunfire control. R. E. Crooke. 2,403,504; July 9.
Computer, Gunfire control. G. A. Crowther. 2,403,506; July 9.
Computer, Gunfire control. W. H. Newell. 2,403,543–4; July 9.
Computer, Navigation. A. A. Baldocchi. 2,394,226; Feb. 5.
Computer, Navigation. A. M. Wolfe. 2,408,357; Sept. 24.
Computer of the slide rule type. P. Goudime-Levkovitsch. 2,410,210; Oct. 29.
Computer, Torpedo data. W. H. Newell. 2,403,542; July 9.
Computing and billing device. H. G. Fishack, L. B. Miller, and J. J. Shively. 2,394,602; Feb. 12.
Computing apparatus. R. A. Nelson. 2,412,416; Dec. 10.
Computing apparatus. E. P. Ross. 2,397,811; Apr. 2.
Computing device. C. G. Cruzan. 2,413,314; Dec. 31.
Computing instrument, Navigational. H. L. Mitchell. 2,408,571; Oct. 1.
Computing machine. B. D. Smith. 2,397,166; Mar. 26.
Computing system. J. A. Rajchman. 2,404,250; July 16.
Computing system, Electrical. C. A. Lovell, D. B. Parkinson, and B. T. Weber. 2,404,387; July 23.
Concealed wiring block. J. G. Loy. 2,401,948; June 11.
Concentricity gauge specimen holder. J. J. Seme. 2,408,689; Oct. 1.
Concrete articles, Means and method for compressing newly formed. F. L. Fitzpatrick. 2,395,216; Feb. 19.
Concrete bridge superstructure. W. L. Turner. 2,405,335; Aug. 6.
Concrete form bracket. J. L. McWilliams. 2,402,337; June 18.
Concrete, Inserting bolts into. S. M. Dunn. 2,400,878; May 28.
Concrete member, Precast reinforced. A. Henderson. 2,396,045; Mar. 5.
Concrete members, Precast. A. Henderson. 2,413,562; Dec. 31.
Concrete mixer. G. Gaertner. 2,397,851; Apr. 2.
Concrete mixer. A. McMillan. 2,395,571; Feb. 26.
Concrete placement apparatus. C. Jackson. 2,413,632; Dec. 31.
Concrete sleepers, Apparatus and method for the production of prestressed. R. S. V. Barber and D. R. Lester. 2,394,228; Feb. 5.
Concrete surfacing machine. G. E. Troxell. 2,400,321; May 14.
Concrete units, Production of prestressed reinforced. R. S. V. Barber. 2,394,227; Feb. 5.

Condensation process. G. W. Seymour and V. S. Salvin. 2,408,127; Sept. 24.
Condensation products and preparing and using same. E. Lieber. 2,410,885; Nov. 12.
Condensation product and preparing and using the same. E. Lieber. 2,412,589; Dec. 17.
Condensation product and preparing and using the same. E. Lieber and M. E. Thorner. 2,411,579; Nov. 26.
Condensation products and preparing same. E. Lieber and M. E. Thorner. 2,411,578; Nov. 26.
Condensation products and producing the same. H. J. Luth and K. J. Gregory. 2,395,676; Feb. 26.
Condensation products of hydroxy carboxylic acids. E. M. Filachione and C. H. Fisher. 2,396,994; Mar. 19.
Condensation products, Producing. W. Hentrich and E. Schirm. 2,401,155; May 28.
Condensation products, Producing nitrogenous. W. Hentrich and E. Schirm. 2,394,306; Feb. 5.
Condensation products, Rubber-phenol aldehdye. F. J. W. Popham. 2,392,691; Jan. 8.
Condensation pump. M. E. Johnson. 2,395,552; Feb. 26.
Condenser: *See*—
- Counter-current condenser.
- Electrical condenser.
- Surface condenser.
- Tape condenser.
- Variable condenser.

Condenser, Countercurrent. H. E. Byer. 2,408,290; Sept. 24.
Condenser crystal and making same. Coaxial. F. L. Salisbury. 2,406,405; Aug. 27.
Condenser for operation of cathode-ray tubes and the like, Safety filter. E. G. Gage. 2,400,750; May 21.
Condenser heated compartment. C. M. E. Hoffman. 2,412,774; Dec. 17.
Condenser-resistor. L. Goldstein and F. Perrin. 2,395,623; Feb. 26.
Condensers, Impregnating. B. Springer. 2,410,756; Nov. 5.
Condensers, Manufacture of electrical. R. A. Grouse and J. Rogers. 2,399,798; May 7.
Condensers on other articles on support plates, Mounting electric. W. C. Handley, J. C. Quayle, and E. G. McLeod. 2,395,326; Feb. 19.
Condensing motor. F. A. Bartholomew. 2,395,984; Mar. 5.
Condiment holder. G. D. Fleak. 2,409,118; Oct. 8.
Condition control. E. D. Lilja. 2,409,136; Oct. 8.
Condition control system. E. H. Horstkotte. 2,394,061; Feb. 5.
Condition responsive control system and apparatus. J. Eaton. 2,393,599; Jan. 29.
Conditioner, Cigarette. W. Reid. 2,408,481; Oct. 1.
Conditioning boiler, Water. L. O. Gunderson. 2,391,895; Jan. 1.
Conditioning the atmosphere in subterranean excavations. J. P. Rees. 2,409,388; Oct. 15.
Conductor, Air-space insulated. H. D. Isenberg. 2,393,872; Mar. 5.
Conductor, Automatic air. R. M. Clayton, Sr. 2,395,848; Mar. 5.
Conductor construction and making the same, Shielded electrical. G. L. McCutchan. 2,402,503–4; June 18.
Conductor, Insulated electrical. L. A. Brooks and M. Nazzewski. 2,406,319; Aug. 27.
Conductor of the second class, Activating. R. E. Stark. 2,396,866; Apr. 23.
Conductor unit, Electricity. J. F. O'Brien. 2,408,442; Oct. 1.
Conductors, Sealing lead-in. L. C. Goodale. 2,410,061; Oct. 29.
Conductors, Testing insulated. R. L. Wright, II. 2,401,398; June 4.
Conductors to insulators, Fastening. D. T. Shaw. 2,411,007; Nov. 12.
Conduit and coupling for same, Flexible. I. Cowles. 2,410,600; Nov. 5.
Conduit and making the same, Hollow. J. A. Stadtfeld. 2,396,818; Feb. 12.
Conduit bender. J. H. Abramson and E. C. Swanson. 2,405,931; Aug. 20.
Conduit connector. O. C. Moll. 2,399,933; May 7.
Conduit coupling. J. A. Hoffman, S. R. Oldham, and W. J. Jacobsson. 2,412,685; Dec. 17.
Conduit lines, Combination sealing and drain fitting for. R. H. Olley. 2,402,840; June 25.
Conduit, Self-insulated. C. G. Scharwath. 2,410,308; Oct. 29.
Conduit supporting block. H. R. Ellinwood. 2,396,836; Mar. 19.
Conduit supporting block. A. Robertson. 2,404,531; July 23.
Conduit supporting clip. H. R. Ellinwood. 2,393,033; Jan. 15.
Conduits, Constant volume connection for fluid. O. H. Griswold. 2,402,157; June 18.
Confectionary product. F. A. Bodenheim. 2,399,195; Apr. 30.
Conjoint polymerization of vinyl chloride with fumaric esters. H. W. Arnold. 2,404,780; July 30.
Connecting and supporting unit, Structural. P. Kratzmaier. 2,406,501; Aug. 27.
Connecting device and making the same. E. V. Soreny. 2,394,020; Feb. 5.
Connecting means. G. J. Soderberg. 2,400,848; May 21.
Connecting means and radio shielding means therefor, Electrical. J. R. Frei. 2,405,881; Aug. 13.
Connecting means, Pavement slab. F. W. Abel. 2,408,133; Sept. 24.
Connecting unit, Electrical. J. B. Miller. 2,407,894; Sept. 17.
Connection device. G. J. Sargent. 2,397,694; Apr. 2.
Connection, Electrical. V. E. Carlson and T. C. Freedom. 2,405,111; Aug. 6.
Connection especially for spark plugs, Radio-shielded. E. A. Robertson. 2,399,390; Apr. 30.
Connection for aircraft turrets, Swivel. D. Morrow and L. Baldo. 2,395,899; Mar. 5.
Connection for electrical apparatus, Lead. K. H. Ballard. 2,413,539; Dec. 31.
Connection, Sucker rod. J. H. McFarlane. 2,400,941; May 28.
Connections for electrical apparatus, Multiple. E. S. McLarn. 2,399,753; May 7.
Connector: *See*—
- Air line connector.
- Cable connector.
- Combined gauge hole cover and vapor line connector
- Conduit connector.
- Duct connector.
- Electric connector.
- Electric swivel connector.
- Electrical connector.
- Flexible strip electrical connector.
- Line connector.
- Multicircuit connector.
- Plug and socket connector.
- Plug connector.
- Quick-detachable audio frequency connector.
- Quick-release connector.
- Safety live line electrical connector.
- Safety plug-in connector.
- Shielded spark-plug connector.
- Structural connector.
- Terminal connector.
- Threadless pipe connector.
- Timber ring connector.
- Trolley wire connector.
- Welded connector.
- Wiper blade connector.
- Wire connector.

Connector assembly, thermocouple lead. C. W. Muller. 2,410,098; Oct. 29.
Connector element, Rigging. J. A. Jensen. 2,406,607; Aug. 27.
Connector for chemical and laboratory tubing. L. J. Schmid. 2,397,438; Mar. 26.
Connector for electrical apparatus, Separable. A. D. Forbes, M. G. Leonard, and J. J. Halloran. 2,397,097; Mar. 26.
Connector for telephone instruments, Cord. E. S. McLarn. 2,413,030; Dec. 24.
Connector for timbers or the like. M. Miller. 2,396,717; Mar. 19.
Connector for windshield wiper arms. I. Nesson. 2,404,523; July 23.
Consistency regulator. H. G. Cram. 2,392,026; Jan. 1.
Constant tension device. H. J. Findley. 2,395,261; Feb. 19.
Constant velocity joint. G. E. Dunn. 2,395,962; Mar. 5.
Constant velocity joint. R. B. Ransom. 2,399,293; Apr. 30.
Constant voltage field emission arc discharge device. C. M. Slack, C. E. Dawley, and A. Pfeiffer. 2,408,004; Sept. 24.
Constant width synchronized pulse generator. E. Labin and D. D. Grieg. 2,408,078; Sept. 24.
Constituents from sintered hard metals, Separating hard. E. M. Trent. 2,407,752; Sept. 17.
Constituents of air, Separating. C. C. Van Nuys. 2,408,710; Oct. 1.
Constituents of air, Separation of the. C. C. Van Nuys. 2,409,459; Oct. 15.
Constituents of scrap bi-metal, Recovering the. R. A. Wilkins and E. S. Bunn. 2,403,419; July 2.
Constituents of tall oil, Separating. T. Hasselatrom. 2,396,651; Mar. 19.
Construction and assembly of electron discharge tube. J. H. O. Harries. 2,407,742; Sept. 17.
Construction, Armature. E. J. Allen. 2,400,902; May 28.
Construction, Bearing. A. Y. Dodge. 2,401,557; June 4.
Construction, Building. R. Fellom. 2,401,062; May 28.
Construction, Camera. C. W. Crumrine. 2,402,149; June 18.
Construction, Car. G. E. Dath. 2,399,209–10; Apr. 30.
Construction, Cleaner. D. L. Bennett. 2,397,525; Apr. 2.
Construction, Commutator cap. C. A. Atwell and N. H. Willby. 2,400,968; May 28.
Construction, Cuirout. W. O. Schultz and A. G. Steinmayer. Re. 22,747; Apr. 23.
Construction, Fastener. R. W. Allen. 2,395,650; Feb. 26.
Construction for articles of furniture, Resilient. A. Ceslowitz. 2,398,769; Apr. 23.
Construction for boats or ships, Keel. A. E. Luders. 2,391,990; Jan. 1.
Construction for electric storage batteries. G. R. Godber. 2,407,826; Sept. 17.
Construction for rail car underframes, Bolster. A. G. Dean. 2,405,117; Aug. 6.
Construction for seat structures, Frame. W. H. Neely. 2,399,563; Apr. 30.
Construction for selector cocks, Yoke. J. N. Van Epps. 2,406,483; Aug. 27.
Construction for solenoids, Shade pole. H. G. Wasserlein. 2,410,320; Oct. 29.

Construction for turbines, Diaphragm. V. Cronstedt. 2,410,810; Nov. 12.
Construction for turbines or the like, Bearing. R. Birmann. 2,403,489; July 9.
Construction, Furnace and like building. H. Jones. 2,400,827; May 21.
Construction, Fuse. G. W. Wiard. 2,398,169; Apr. 9.
Construction, Gate valve. T. R. Smith. 2,401,377; June 4.
Construction, Independently sprung axle. R. P. Lewis. 2,402,562; June 25.
Construction, Model airplane. W. H. Mathée, Jr., and W. T. Lewis. 2,399,130; Apr. 23.
Construction, Pedal. C. A. Persons. 2,399,888; May 7.
Construction, Shoe. T. M. Manahan. 2,401,089; May 28.
Construction, Switch. N. G. Polgov. 2,394,804; Feb. 12.
Construction, Switch. W. O. Schultz and A. G. Steinmayer. 2,401,970; June 11.
Construction, Window. S. F. Cox. 2,401,552; June 4.
Constructional material. H. Dreyfus, W. Walker, and J. H. Rooney. 2,400,078; May 14.
Contact conversion reaction. J. G. Alther. 2,394,651; Feb. 12.
Contact device, Fire alarm. D. Padilla. 2,411,752; Nov. 26.
Contact device, Sealed. C. E. Pollard, Jr. 2,406,036; Aug. 20.
Contact device, Sealed reed. J. B. Little. 2,406,021; Aug. 20.
Contact element. R. H. Savage. 2,411,060; Nov. 12.
Contact for electrical devices, Wiper. J. T. Butterfield II, M. Knapp, and B. F. Runyon. 2,407,650; Sept 17.
Contact operation. J. T. L. Brown. 2,397,123; Mar. 26.
Contact printing frame. A. L. Lee. 2,391,987; Jan. 1.
Contact structure. R. E. Friedrich. 2,406,327; Aug. 27.
Contacting apparatus. F. L. Melvill. 2,405,594; Aug. 13.
Contactor. F. C. Iglehart. 2,397,113; Mar. 26.
Contactor, Electrically actuated. W. G. Young and F. C. Iglehart. 2,397,228; Mar. 26.
Contactor for tuners. G. O. Puerner. 2,399,060; Apr. 23.
Contactor, Rotor type. G. C. Armstrong. 2,408,185; Sept. 24.
Contactors, Double armature. L. Pierce and R. B. Immel. 2,399,380; Apr. 30.
Contactors, Line shorting. F. L. Kradel and R. Paulin. 2,400,936; May 28.
Contactors, Plugboard. C. D. Lake. 2,401,430; June 4.
Container: *See*—
- Aerial cargo landing container.
- Auxiliary gasoline container.
- Beverage container.
- Cigarette container.
- Coated metal container.
- Collapsible container.
- Combined package and serving container.
- Controlled ventilated container.
- Cosmetic container.
- Cushioned shipping container.
- Diaper container.
- Dispenser container
- Dispensing container.
- Double walled container.
- First-aid container.
- Flower and plant container.
- Fuel container.
- Grease container.
- Hinged cover container.
- Inflatable protective container.
- Ink container.
- Key container.
- Liquid container.
- Lock top container.
- Metal container.
- Metal framed wood container.
- Multiple chamber fluid container.
- Make-up and sponge container.
- Match and cigarette container.
- Metal stacking container.
- Nonrefillable container.
- Pigeon container.
- Polygonal separable section container.
- Record container.
- Refrigerating container.
- Reusable collapsible liquid carrying container.
- Sectional container.
- Sectional Thermos food container.
- Shipping container.
- Soap container.
- Storage battery container.

Container. B. Bogoslowsky. 2,402,943; July 2.
Container. B. Bogoslowsky. 2,405,682; Aug. 13.
Container. H. E. Braloff. 2,402,944; July 2.
Container. T. S. Carswell. 2,409,252; Oct. 15.
Container. H. F. Christner, F. A. Lobley, and C. F. Miles. 2,410,928; Nov. 12.
Container. C. D. Fallert. 2,393,356; Jan. 22.
Container. P. C. Gaylord. 2,405,823; Aug. 13.
Container. P. M. Gilfillan. 2,392,848; Jan. 15.
Container. R. Guyer. 2,392,042; Jan. 1.
Container. T. Hansen. 2,412,332; Dec. 10.
Container. A. Merkle. 2,399,241; Apr. 30.
Container. C. E. Nyberg. 2,409,692; Oct. 22.
Container. R. O. Pickin. 2,403,299; July 2.
Container. W. M. Roody, Jr. 2,396,346; Mar. 12.
Container. H. J. Sattler. 2,400,716; May 21.
Container. H. Sebell. 2,392,507; Jan. 8.
Container. H. Schell. 2,406,568; Aug. 27.
Container. T. R. Smith. 2,404,409; July 23.
Container. B. M. Williams. 2,395,363–4; Feb. 19.
Container. B. M. Williams. 2,407,463; Sept. 10.
Container. E. Yellin. 2,404,558; July 23.
Container and ash receptacle, Cigarette. F. C. Card. 2,396,827; Mar. 19.
Container and bracket assembly. D. Mapes. 2,402,175; June 18.
Container and closure. R. W. Hoag. 2,406,331; Aug. 27.
Container and closure therefor. W. S. Gaines. 2,404,777; July 30.
Container and closure therefor. J. D. Hill. 2,404,067; July 16.
Container and display box. W. T. Wayne. 2,410,615; Nov. 5.
Container and making it. V. A. Rayburn. 2,410,681; Nov. 5.
Container and making same. J. D. Gerahty. 2,406,678; Aug. 27.
Container and making same. F. Gilbert, Jr. 2,407,639; Sept. 17.
Container and making same, Battery. J. C. Duddy. 2,404,126; July 16.
Container and making same, Fuel. S. Rethorst. 2,406,903; Sept. 3.
Container and making the same, Consumer-type. L. C. Brooks. 2,398,404; Apr. 16.
Container and support. M. M. Tierney. 2,395,592; Feb. 26.
Container and valve therefor, Portable. D. Mapes. 2,398,434; Apr. 16.
Container and vender, Capsule. H. C. Trimble. 2,404,009; July 16.
Container bodies, Making fiber. J. F. Peters. 2,403,995; July 16.
Container cap. L. L. Lauve. 2,408,465; Oct. 1.
Container-drawer stop and aligning means. P. Zalkind. 2,410,701; Nov. 5.
Container filling device, Automatic. T. A. St. Clair, C. F. Sievers, and A. R. Olson. 2,406,263; Aug. 20.
Container for cigarette packages or the like. M. Vogel. 2,411,946; Dec. 3.
Container for explosive shells. H. E. Krasner and B. Klausner. 2,407,500; Sept. 10.
Container for frozen foods. R. Guyer and R. J. Hennessey. 2,405,499; Aug. 6.
Container for liquefied gases and the like, Insulated. L. I. Dana. 2,396,459; Mar. 12.
Container for pastes, Collapsible. G. S. Hills. 2,413,323; Dec. 31.
Container for pencil leads and the like. G. L. Beckstrom. 2,408,902; Oct. 8.
Container for roll paper, Dispensing. E. Smith. 2,405,459; Aug. 6.
Container forming material, Self-healing. M. Sanz. 2,411,116; Nov. 12.
Container having reinforced ends and integral hinged closure, Fiberboard. W. G. Glascoff, Jr., and C. W. Evert. 2,409,673; Oct. 22.
Container holder. E. Menke. 2,394,323; Feb. 5.
Container, materials, and parts therefor. P. Zalkind. 2,406,123; Aug. 20.
Container or conduit. J. H. Schreiber. 2,402,781; June 25.
Container or shipping case having a removable cover to be locked and sealed. J. Burger. 2,408,731; Oct. 8.
Container stock or the like. N. P. Goss and E. E. Bowen. 2,393,528; Jan. 22.
Container such as those of electric accumulators, Liquid. B. L. Davies. 2,406,592; Aug. 27.
Container with automatically locking slip cover, Multi-sided shipping. S. A. Blackman. 2,412,798; Dec. 17.
Container with nesting feature, Adhesive tape. W. F. Punte. 2,406,900; Sept. 3.
Container with resinous foam, Filling. K. E. Stober. 2,409,910; Oct. 22.
Containers and closures therefor, Making sealed fiber. A. G. Hatch. 2,413,449; Dec. 31.
Containers, Assembling. W. G. Martin. 2,413,639; Dec. 31.
Containers, Carrying. W. J. Newman. 2,397,880; Apr. 2.
Containers, Closing sheet metal. H. Schrader. 2,406,911; Sept. 3.
Containers, Closure cap or stopper for. A. C. Vivian. 2,400,614; May 21.
Containers impregnated with wax, Finishing. W. N. King. 2,413,144; Dec. 24.
Containers, Joint for collapsible. P. Zalkind. 2,399,590; Apr. 30.
Containers, Lining. W. B. Ford. 2,395,731; Feb. 26.
Containers made of paper and making the same. M. E. Gazette. 2,406,758; Sept. 3.
Containers, Making. J. G. O'Neil and L. G. Zesbaugh. 2,395,754; Feb. 26.
Containers, Making. K. Stuart and A. B. Wilson. 2,393,347; Jan. 22.
Containers, Manufacture of. H. F. Waters. 2,409,460; Oct. 15.
Containers, Measuring and dispensing attachment for. B. P. Henin. 2,404,496; July 23.
Containers, Producing collapsible tin coated metal tube. O. J. Bruun. 2,411,024; Nov. 12.
Containers, Sealing. A. G. Osborne. 2,409,789; Oct. 22.
Containers, Testing the airtightness of closed. R. J. O'Connell, I. Cohen, and C. Rosenblum. 2,401,368; June 4.
Continuous disk filter. J. T. Dickinson and A. R. Moorman. 2,406,065; Aug. 20.
Continuous film processing apparatus. V. E. Pratt and D. E. Reed. 2,401,185; May 28.

Continuous filter. E. L. Oliver, P. J. McGuire, J. E. Slaughter, and A. W. Vettel. 2,395,499; Feb. 26.
Continuous furnace. D. J. Holleran and J. J. Cerny. 2,391,970; Jan. 1.
Continuous process for effecting catalytic reactions. H. V. Atwell. 2,409,235; Oct. 15.
Continuous strip wiping apparatus. C. Cone. 2,413,216; Dec. 24.
Contouring machine. D. R. Trinkle. 2,404,149; July 16.
Contraturning propeller mechanism. W. S. Burgess. 2,393,234; Jan. 22.
Control. Amplifier gain. J. R. Ford. 2,397,850; Apr. 2.
Control and ignition system for fuel burners. C. K. Strobel. 2,406,925; Sept. 3.
Control and indication apparatus, Electrical. W. P. Place. 2,400,259; May 14.
Control and indication system, Selective, A. B. Miller. 2,400,257; May 14.
Control and indication system, Selective. A. B. Miller. 2,400,260; May 14.
Control and indication system, Selective. W. P. Place. 2,400,256; May 14.
Control and indication system, Selective. W. P. Place and A. B. Miller. 2,409,720; Oct. 22.
Control and trigger circuit for telephone systems and the like. F. A. Morris. 2,409,145; Oct. 8.
Control apparatus. C. A. Blakeslee. 2,405,774; Aug. 13.
Control apparatus. M. E. Chandler. 2,394,664; Feb. 12.
Control apparatus. T. A. Cohen. 2,410,568; Nov. 5.
Control apparatus. L. L. Cunningham. 2,401,861; June 11.
Control apparatus. H. F. Elliott. 2,411,618–19; Nov. 26.
Control apparatus. W. H. Gille. 2,403,917; July 16.
Control apparatus. H. E. Hartig. 2,412,263; Dec. 10.
Control apparatus. C. M. Hines. 2,406,220; Aug. 20.
Control apparatus. A. G. Larson. 2,398,903; Apr. 23.
Control apparatus. E. H. Lockwood. 2,392,166; Jan. 1.
Control apparatus. H. C. May and G. T. McClure. 2,404,512; July 23.
Control apparatus. G. T. McClure. 2,396,432; Mar. 12.
Control apparatus. L. M. Persons. 2,404,455; July 23.
Control apparatus. A. W. Pett. 2,399,938; May 7.
Control apparatus. E. K. Read. 2,412,934; Dec. 17.
Control apparatus. H. M. Schmitt. 2,404,891; July 30.
Control apparatus. R. R. Stevens. 2,400,442; May 14.
Control apparatus. R. R. Stevens. 2,404,545; July 23.
Control apparatus. R. R. Stevens. 2,406,264; Aug. 20.
Control apparatus. R. R. Stevens. 2,413,390; Dec. 31.
Control apparatus. W. P. Wills. 2,398,341; Apr. 9.
Control apparatus, Automatic burner. T. A. Cohen. 2,404,903; July 30.
Control apparatus, Automatic heat. W. H. Huenergardt. 2,402,163; June 18.
Control apparatus, Burner. L. L. Cunningham. 2,408,047; Sept. 24.
Control apparatus, Current. K. A. Lang. 2,405,837; Aug. 13.
Control apparatus, Electric. H. F. Elliott. 2,411,617; Nov. 26.
Control apparatus, Electromagnetic. C. I. Hall. 2,404,227; July 16.
Control apparatus, Fire. F. A. Woodworth. 2,402,704; June 25.
Control apparatus, Fluid. C. R. Sacchini. 2,440,924; July 30.
Control apparatus for alternating current motors. T. J. Mesh. 2,411,051; Nov. 12.
Control apparatus for gaseous fuel burners, Safety. S. G. Eskin. 2,398,215; Apr. 9.
Control apparatus for machine tools, Remote. R. A. Schafer and R. B. Rodal. 2,408,957; Oct. 8.
Control apparatus for testing machines. R. J. Demartini and H. H. Leigh. 2,411,451; Nov. 19.
Control apparatus for tuning radio receivers. A. W. Plendler. 2,413,515; Dec. 31.
Control apparatus for vulcanizing presses. L. E. Soderquist. 2,392,619; Jan. 8.
Control apparatus, Remote. A. P. Davis and G. Agins. 2,406,323; Aug. 27.
Control apparatus, Remote. R. Hadekel. 2,397,937; Apr. 9.
Control apparatus, Supercharger. A. C. Staley. 2,404,323–4; July 16.
Control arrangement for coupled tuned circuits, Feed back. E. Green. 2,407,074; Sept. 3.
Control arrangement, Lateral. F. H. Clauser and C. C. Wood. 2,407,401; Sept. 10.
Control, Automatic gain. J. A. Buckbee. 2,401,458; June 4.
Control cable regulator. C. E. Cushman. 2,399,793; May 7.
Control circuit. H. J. Bichsel. 2,411,358; Nov. 19.
Control circuit. J. R. Mahoney and H. J. Bichsel. 2,404,971; July 30.
Control circuit. W. J. Poch. 2,402,444; June 18.
Control circuit. F. J. Somers. 2,402,096; June 11.
Control circuit for radiotelegraph, Gain. R. L. Hollingsworth. 2,404,712; July 23.
Control device. C. E. Bazley. 2,398,994; Apr. 23.
Control device. E. J. Dillman. 2,398,086; Apr. 9.
Control device. M. Hilmer, G. J. Signarovitz, and T. N. Adlam. 2,412,218; Dec. 10.
Control device. C. S. Kelley. 2,411,732; Nov. 26.
Control device. C. S. Kelley. 2,411,748; Nov. 26.
Control device. C. S. Kelley. 2,413,356; Dec. 31.
Control device. C. G. Kronmiller. 2,394,920; Feb. 12.
Control device. J. H. Murch. 2,413,031; Dec. 24.
Control device. C. A. Nelson. 2,411,747; Nov. 26.
Control device. H. L. Newell. 2,403,824; July 9.
Control device. A. B. Newton. 2,394,714; Feb. 12.
Control device. W. A. Ray. 2,409,387; Oct. 15.
Control device. H. T. Sparrow, D. G. Taylor, and G. H. Witts. 2,394,213; Feb. 5.
Control device. M. N. Yardeny. 2,405,628; Aug. 13.
Control device and circuit, Electrical. R. D. Bean and H. J. Murray. 2,402,722; June 25.
Control device, Automatic altitude. R. L. Mayrath. 2,406,228; Aug. 6.
Control device, Buoyancy. M. G. Leonard. 2,412,223; Dec. 10.
Control device, Differential. D. K. Morrison. 2,407,322; Sept. 10.
Control device, Electrical remote. B. W. Chapin. 2,400,339; May 14.
Control device, Flow. G. L. Weller, Jr. 2,401,782; June 11.
Control device, Fluid. W. T. Graves, Jr., and T. E. Curtis. 2,406,075; Aug. 20.
Control device, Fluid operable. R. J. Bush. 2,413,287; Dec. 31.
Control device, Fluid pressure. H. C. Grant, Jr., and W. A. V. Thomsen. 2,404,796; July 30.
Control device for camera diaphragms, Photoelectric. K. Rath. 2,412,424; Dec. 10.
Control device for flexible endless belts and the like, Tension. H. C. Thompson. 2,413,265; Dec. 24.
Control device for hoisting mechanisms. R. M. Nardone. 2,406,156; Aug. 20.
Control device for storage batteries, Electrolyte level. J. Sandusky. 2,408,178; Sept. 24.
Control device for vapor discharge. P. Hubacher. 2,395,222; Feb. 19.
Control device for variable pitch propeller. M. L. Mennesson. 2,407,317; Sept. 10.
Control device, Fuel injection. B. Bolli. 2,398,878; Apr. 23.
Control device, Gun. J. E. Soenke. 2,408,277; Sept. 24.
Control device, Motor. R. W. Lavender. 2,407,084; Sept. 3.
Control device, Pressure actuated. F. H. Hopkins. 2,399,737; May 7.
Control device, Radiator. W. H. Smith. 2,401,025; May 28.
Control device, Snap acting. J. R. Campbell. 2,394,747; Feb. 12.
Control device, Termite. T. F. Childers. 2,404,272; July 16.
Control devices, Adjustment means for. A. B. Newton. 2,402,435; June 18.
Control devices, Shutoff for constant level. L. V. McCarty. 2,401,312; June 4.
Control, Dust arrester liquid level. A. Nutting. 2,403,545; July 9.
Control, Electrically operated. N. E. Walker. 2,406,873; Sept. 3.
Control equipment, Automatic. H. Bany. 2,409,010; Oct. 8.
Control for agricultural implements, Automatic depth. W. H. Silver. 2,405,384; Aug. 6.
Control for airplanes, Aerodynamic. E. F. Zap and H. E. Dale. 2,393,444; Jan. 22.
Control for automobiles. G. T. Bradley. 2,411,500; Nov. 26.
Control for booster pumps, Automatic pressure. T. R. Dinsmore and J. A. Thompson. 2,395,657; Feb. 26.
Control for carburetor choke valves, Automatic. F. T. Christian. 2,394,665; Feb. 12.
Control for cooling tower fans, Vibration-responsive. D. B. Dewey. 2,395,995; Mar. 5.
Control for electric catapults. R. C. and M. F. Jones. 2,412,515; Dec. 10.
Control for electric discharge device, Starting. T. W. Frech. 2,394,436; Feb. 5.
Control for electric discharge devices, Starting. M. A. Townsend. 2,408,493; Oct. 1.
Control for electric discharge devices, Starting. J. R. Whiteside and M. A. Townsend. 2,398,682; Apr. 16.
Control for electric heaters operating in unenclosed space. E. N. Lightfoot. 2,396,183; Mar. 5.
Control for evaporative coolers, Water. A. S. Feinberg. 2,413,138; Dec. 24.
Control for fluid-driven motors, Fluid. C. W. Mott. 2,399,756; May 7.
Control for fluid pressure power devices. W. J. Fant, Jr. 2,393,524; Jan. 22.
Control for friction clutches. R. Stevenson. 2,393,835; Jan. 29.
Control for gaseous fuel burners, Safety. S. G. Eskin and C. K. Strobel. 2,406,752; Sept. 3.
Control for grinder machines, Automatic reel reversing. L. Illmer. 2,396,852; Mar. 19.
Control for heat exchange units, Temperature. R. J. Stewart. 2,393,941; Jan. 29.

Control for helicopter rotor or airscrew, Automatic blade pitch. E. S. Jenkins and A. F. Donovan. 2,397,489; Apr. 2.
Control for hydraulic actuators, Position. J. B. Van Der Werff. 2,404,552; July 23.
Control for hydraulic presses. E. Cannon. 2,410,712; Nov. 5.
Control for hydraulic systems, Pressure. C. E. Hofbauer. 2,400,418; May 14.
Control for internal-combustion engines, Automatic fuel feed. S. J. Bouchez. 2,399,459; Apr. 30.
Control for internal-combustion engines, Supercharging. P. Lebet. 2,403,865; July 9.
Control for let-off mechanism of looms, Automatic. Y. H. Kurkjian. 2,395,630; Feb. 26.
Control for liquid refrigerant, Feed. T. E. Carpenter. 2,393,854; Jan. 29.
Control for motors, Speed. E. R. Morton. 2,394,559; Feb. 12.
Control for motors, Speed. H. M. Stoller. 2,395,080; Feb. 19.
Control for oil burners, Fluid. W. S. Landon. 2,404,853; July 30.
Control for percussive tools, Bit. G. C. Wilhide. 2,413,273; Dec. 24.
Control for photographic enlargers and printers, Contrast. A. Simmon and L. L. Weisglass. 2,399,577; Apr. 30.
Control for plows, Depth. T. Allen. 2,406,484; Aug. 27.
Control for pressure cabins. B. E. Del Mar. 2,407,258; Sept. 10.
Control for primary and secondary fuels, Pilot. H. Ziebolz. 2,395,384; Feb. 19.
Control for pulverizer mills, System of. G. R. Anderson. 2,404,937; July 30.
Control for riveting hammers, Bucking bar. E. W. Stevens. 2,411,561; Nov. 26.
Control for spigots, etc., Water. L. W. Ferrell. 2,412,037; Dec. 3.
Control for stanchions for dairy cattle barns, Electrical. C. M. Collins. 2,402,239; June 18.
Control for supercharged engines, System of. C. H. Jorgensen and E. M. Claytor. 2,405,809; Aug. 6.
Control for vehicle brakes. C. L. Eksergian. 2,393,031; Jan. 15.
Control for waste heat boilers, Automatic. F. Saco, Jr., and W. R. Williamson. 2,395,583; Feb. 26.
Control, Governor. E. Martin. 2,398,713; Apr. 16.
Control handle. C. Arcularius. 2,397,628; Apr. 2.
Control in an electromechanical device, Moisture. L. G. Bostwick. 2,404,786; July 30.
Control in signaling systems, Transmission. A. C. Dickleson. 2,407,259; Sept. 10.
Control instrument. F. W. Side. 2,413,584; Dec. 31.
Control instrument, Summer-winter. G. I. Holmes. 2,403,798; July 9.
Control inverter change-over system. M. K. Parkhurst. 2,410,678; Nov. 5.
Control, Machine tool. W. O. Forman. 2,400,815; May 21.
Control, Machine-tool. C. Johnson. 2,399,806; May 7.
Control means. A. E. Stafford. 2,393,201; Jan. 15.
Control means, Burner. W. S. Landon. 2,406,228; Aug. 20.
Control means for aircraft. A. M. King. 2,398,710; Apr. 16.
Control means for aircraft, Combined manual and automatic. B. G. Horstmann. 2,396,951; Mar. 19.
Control means for antifriction bearings. A. K. Selnes. 2,400,374; May 14.
Control means for change-speed transmissions. G. T. Randol. Re. 22,791; Sept. 10.
Control means for helicopters. R. R. Hays. 2,413,625; Dec. 31.
Control means for liquid supply systems. H. B. Holthouse. 2,406,604; Aug. 27.
Control means for operating at a distance the flying controls of aircraft. E. Dodson. 2,395,728; Feb. 26.
Control means for sustaining rotors, Pitch. S. P. Nemeth. 2,404,522; July 23.
Control means for tractor-connected implements. R. D. Acton. 2,410,918; Nov. 12.
Control means, Generator. O. C. Walley. 2,399,409; Apr. 30.
Control mechanism. E. C. Burdick. 2,410,335; Oct. 29.
Control mechanism. R. Chilton and D. G. MacCulloch. 2,410,631; Nov. 5.
Control mechanism. C. H. Dederick. 2,413,137; Dec. 24.
Control mechanism. G. V. Fowler. 2,400,816; May 21.
Control mechanism. J. N. Good. 2,395,180; Feb. 19.
Control mechanism. S. G. Green, W. H. D'Ardenne, W. J. Meinel, and W. De Vore. 2,404,958; July 30.
Control mechanism. F. V. Hart, J. F. D. Smith, and L. S. Linderoth, Jr. 2,411,270; Nov. 19.
Control mechanism. W. M. Hurst. 2,397,607; Apr. 2.
Control mechanism. S. T. Jeffreys. 2,412,339; Dec. 10.
Control mechanism. A. G. Larson. 2,402,419; June 18.
Control mechanism. S. K. Malek. 2,407,170; Sept. 3.
Control mechanism. J. A. Muller. 2,391,996; Jan. 1.
Control mechanism. W. H. Newell. 2,400,775; May 21.
Control mechanism. J. V. Ralston. 2,408,446; Oct. 1.
Control mechanism. E. Saballus and C. W. Fischer. 2,411,295; Nov. 19.
Control mechanism. G. A. Short. 2,402,705; June 25.
Control mechanism. V. F. Zabodiakin. 2,398,875; Apr. 23.
Control mechanism, Airplane. A. E. Osborn. 2,413,577; Dec. 31.
Control mechanism, Fluid pressure. W. A. Eaton. 2,140,967; Nov. 12.
Control mechanism, Fluid pressure. W. A. Eaton. 2,401,680; June 4.
Control mechanism, Fluid pressure. W. A. Eaton. 2,404,281; July 16.
Control mechanism, Fluid pressure. W. A. Eaton. 2,409,842; Oct. 22.
Control mechanism for automatic washers, Fluid responsive. P. E. Geldhof and L. Ringer. 2,401,476; June 4.
Control mechanism for dispensing apparatus. H. E. Marvel. 2,405,264; Aug. 6.
Control mechanism for hoisting equipment. G. Meili. 2,412,412; Dec. 10.
Control mechanism for hydraulically operated devices. W. S. Saville. 2,411,302; Nov. 19.
Control mechanism for magnetic recording devices, Safety drive, braking, and. M. Camras. 2,412,318; Dec. 10.
Control mechanism for pressure vessels, Automatic. A. G. Blanchard and O. L. Mulloy. 2,395,212; Feb. 19.
Control mechanism for printing presses, Register. H. Kott. 2,396,706; Mar. 19.
Control mechanism for refrigerating systems. R. G. Thomas. 2,400,665; May 21.
Control mechanism for rocket apparatus. R. H. Goddard. 2,397,657; Apr. 2.
Control mechanism for rocket apparatus. R. H. Goddard. 2,397,659; Apr. 2.
Control mechanism for rotors of rotary wing aircraft, Pitch. D. W. Main. 2,410,545; Nov. 5.
Control mechanism for warp drawing in machines, Pattern. R. P. Drake. 2,400,342; May 14.
Control mechanism, Fuel. M. E. Chandler. 2,410,773; Nov. 5.
Control mechanism, Fuel. G. E. Townsend. 2,398,199; Apr. 9.
Control mechanism, Hammer. D. J. Patterson. 2,405,901; Aug. 13.
Control mechanism, Interval. E. L. Kent. 2,409,941; Oct. 22.
Control mechanism, Pitch. G. F. Drake. 2,413,439; Dec. 31.
Control mechanism, Printing press. C. R. Kaddeland. 2,392,391; Jan. 8.
Control mechanism, Remote. W. A. Black. 2,403,490; July 9.
Control mechanism, Seasitive. H. Ernst. 2,404,127; July 16.
Control mechanism, Sight. W. H. Newell. 2,405,047; July 30.
Control mechanism, Steam turbine. F. L. Dornbrook. 2,409,024; Oct. 8.
Control mechanism, Throttle and starter. D. Collins. 2,399,542; Apr. 30.
Control network, Transmission. A. Alford. 2,405,174; Aug. 6.
Control of electric devices. B. Loewe. 2,404,644; July 23.
Control of electrolytic processes. C. P. Croco. 2,404,948; July 30.
Control of flash welding. J. H. Cooper. 2,404,620; July 23.
Control of flash welding. C. E. Smith. 2,412,067; Dec. 3.
Control of objects, Automatic positional. H. L. Hull, W. S. Gorrill, and W. F. Frost. 2,408,068; Sept. 24.
Control of pH of water from earth bores. W. Sowers. 2,398,123; Apr. 9.
Control, Oil burner fuel level. V. Caron. 2,399,099; Apr. 23.
Control operating mechanism for vehicles, Dual. R. B. Sprinkel. 2,406,261; Aug. 20.
Control receiver, Program. W. R. Koch. 2,392,672; Jan. 8.
Control, Receiver selectivity. M. G. Crosby. 2,397,842; Apr. 2.
Control scheme. M. A. Pringle. 2,408,226; Sept. 24.
Control, Ship propulsion. E. I. Pollard. 2,399,381; Apr. 30.
Control surface, Airplane. J. Noyes, Jr., and M. L. Daggett, Jr. 2,401,790; June 11.
Control system. E. F. W. Alexanderson. 2,401,450; June 4.
Control system. E. F. W. Alexanderson. 2,412,027; Dec. 3.
Control system. G. C. Armstrong. 2,397,116; Mar. 26.
Control system. A. L. Armentrout. 2,400,967; May 28.
Control system. E. T. Arters. 2,393,949; Feb. 5.
Control system. C. A. Atwell. 2,393,011–12; Jan. 15.
Control system. H. Bany and A. W. Bateman. 2,405,007; July 30.
Control system. J. L. Bower. 2,407,866; Sept. 17.
Control system. K. K. Bowman and G. A. Kane. 2,412,864; Dec. 17.
Control system. A. H. Buckley. 2,410,198; Oct. 29.
Control system. W. A. Derr. 2,393,025; Jan. 15.
Control system. W. A. Derr and R. C. Cheek. 2,394,044; Feb. 5.

Control system. W. A. Derr and R. C. Cheek. 2,394,045; Feb. 5.
Control system. W. A. Derr and M. E. Reagan. 2,409,840; Oct. 22.
Control system. F. P. Elliott. 2,402,992; July 2.
Control system. W. Ernst. 2,408,303; Sept. 24.
Control system. W. C. Fulton. 2,412,881; Dec. 17.
Control system. W. C. Hahn. 2,401,421; June 4.
Control system. W. D. Hall. 2,399,673; May 7.
Control system. W. R. Harding. 2,411,371; Nov. 19.
Control system. W. R. Harris. 2,401,154; May 28.
Control system. J. P. Houck and R. A. Gelselman. 2,399,251; Apr. 30.
Control system. C. B. Huston. 2,392,151; Jan. 1.
Control system. J. G. Ivy. 2,412,888; Dec. 17.
Control system. H. C. Jenks. 2,397,182; Mar. 26.
Control system. A. W. Kimball. 2,411,377; Nov. 19.
Control system. G. E. King. 2,406,424; Aug. 27.
Control system. G. E. King. 2,408,217; Sept. 24.
Control system. G. E. King. 2,411,162; Nov. 19.
Control system. G. E. King. 2,411,378; Nov. 19.
Control system. G. E. King and W. H. Formhals. 2,401,164; May 28.
Control system. H. C. Krapf. 2,397,185; Mar. 26.
Control system. H. C. Krapf. 2,400,998; May 28.
Control system. A. E. Krogh. 2,401,832; June 11.
Control system. H. H. Leigh and G. E. Walter. 2,404,641; July 23.
Control system. W. R. Miller. 2,402,177; June 18.
Control system. T. B. Montgomery and C. O. Wellbaecher. 2,397,152; Mar. 26.
Control system. J. A. Muller and H. F. MacMillin. 2,395,974; Mar. 5.
Control system. H. L. Newell. 2,394,399; Feb. 5.
Control system. W. A. Ray. 2,398,158; Apr. 9.
Control system. M. E. Reagan. 2,393,060–1; Jan. 15.
Control system. M. E. Reagan and W. A. Derr. 2,401,017; May 28.
Control system. D. Santini and E. H. Heath. 2,403,125; July 2.
Control system. M. G. Sateren. 2,401,024; May 28.
Control system. M. G. Sateren and W. A. Derr. 2,401,023; May 28.
Control system. W. Schaelchlin and E. H. Hornbarger. 2,394,111; Feb. 5.
Control system. W. L. Shaffer. 2,402,117; June 11.
Control system. F. D. Snyder. Re. 22,821; Dec. 17.
Control system. F. D. Snyder. 2,397,214; Mar. 26.
Control system. E. M. Sorensen. 2,392,416; Jan. 8.
Control system. R. R. Stevens and E. G. Erson. 2,395,202; Feb. 19.
Control system. R. M. Strong. 2,409,911; Oct. 22.
Control system. A. W. Swingle, G. H. Pettibone, and J. E. Dill. 2,411,763; Nov. 26.
Control system. J. G. Trawick. 2,395,357; Feb. 19.
Control system. T. L. Weybrew. 2,397,226; Mar. 26.
and C. K. Strobel. 2,397,311; Mar. 26.
Control system. W. R. Wickerham. 2,408,461; Oct. 1.
Control system. R. H. Wright and E. C. Watson. 2,412,933; Dec. 17.
Control system, Actuator. C. J. Werner. 2,410,695; Nov. 5.
Control system, Airway traffic. S. N. Wight, O. S. Field, and O. H. Dicke. 2,399,777; May 7.
Control system and apparatus for lamps. W. A. Pennow. 2,412,907; Dec. 17.
Control system and device therefor for submarine mines. C. M. Van Atta and R. H. Whitehead. 2,399,523; Apr. 30.
Control system and machine therefor, Selling. H. H. Stockfeld. 2,398,677; Apr. 16.
Control system and mechanism for heat processing machines. V. A. Fox. 2,406,822; Sept. 3.
Control system, Buoyancy. M. G. Leonard. 2,409,135; Oct. 1.
Control system, Burner. P. Arant. 2,405,807; Aug. 13.
Control system, Burner. D. J. Peterson. Re. 22,760; May 28.
Control system, Burner. W. A. Ray. 2,411,230; Nov. 19
Control system, Compass. W. P. Lear. 2,403,091; July 2.
Control system, Electric. H. Boucke. 2,404,160; July 16.
Control system, Electric. W. N. Gittings and A. W. Bateman. 2,407,072; Sept. 3.
Control system, Electric. P. Glass. 2,410,651; Nov. 5.
Control system, Electric. A. Herz. 2,401,150; May 28.
Control system, Electrical. O. E. Bowlus. 2,409,534; Oct. 15.
Control system, Electrical. P. T. Nims and O. E. Bowlus. 2,409,581; Oct. 15.
Control system, Electrical. H. F. Olson and F. Hester. 2,401,955; June 11.
Control system, Electrical position. G. Agins. 2,409,970; Oct. 22.
Control system, Electrohydraulic. C. A. Frische, G. P. Bentley, and P. Halpert. 2,408,770; Oct. 8.
Control system, Electrohydraulic. C. A. Frische, G. P. Bentley, and P. Halpert. 2,398,421; Apr. 16.
Control system, Electronic. J. R. Mahoney. 2,406,429; Aug. 27.
Control system, Electro-optical. G. B. Engelhardt. 2,411,531; Nov. 29.
Control system, Fire. E. E. Libman. 2,413,573; Dec. 31.
Control system, Fluid-actuated. D. MacKenzie. 2,407,018; Sept. 3.
Control system, Follow-up. S. Godet. 2,406,143; Aug. 20.
Control system, Follow-up. S. Godet. 2,407,876; Sept. 17.
Control system, Follow-up. H. Olken. 2,411,750; Nov. 26.
Control system for aircraft engines. S. V. Maddox. 2,398,319; Apr. 9.
Control system for automatic telephone systems, Electrical. G. Deakin. Re. 22,794; Oct. 1.
Control system for change-speed transmission gearing. C. D. Peterson and A. H. Deimel. 2,399,567; Apr. 30.
Control system for exhausting ballast from torpedoes. C. C. Whittaker. 2,409,169; Oct. 8.
Control system for fuel burners. C. K. Strobel. 2,403,411; July 2.
Control system for fuel burners, Ignition and safety. C. K. Strobel and S. G. Eskin. 2,403,412; July 2.
Control system for furnaces. C. H. Dicke. 2,393,301; Jan. 22.
Control system for hydraulic presses. L. A. Camerota. 2,392,944; Jan. 8.
Control system for machine tools. B. T. Anderson. 2,398,346; Apr. 16.
Control system for remotely positioned radio apparatus. D. H. Chaney. 2,410,426; Nov. 5.
Control system for rotative winged aircraft. H. S. Campbell. 2,405,188; Aug. 6.
Control system for synchronous machines, Field. F. H. Winter. 2,407,121; Sept. 3.
Control system for torpedoes. C. C. Whittaker and R. C. Jones. 2,405,002; July 30.
Control system for wave-signal receivers. D. H. Mitchell. 2,409,058; Oct. 8.
Control system for welding heads. J. Skuhrovec. 2,393,662; Jan. 29.
Control system, Frequency. E. L. Ginzton, W. Palmer, and F. A. Jenks. 2,410,817; Nov. 12.
Control system, Frequency responsive. J. D. Reid. 2,402,083; June 11.
Control system, Furnace. H. W. Lindsay. 2,410,384; Oct. 29.
Control system, Gun. A. P. Davis. 2,406,324; Aug. 27.
Control system, Gunfire. J. F. Peters. 2,403,117; July 2.
Control system, Gyrostabilized bomb. J. H. Hammond, Jr. 2,406,293; Aug. 20.
Control system, Harmonic. A. Bailey. 2,397,830; Apr. 2.
Control system, Hydraulic. R. Hadekel. 2,397,736; Apr. 2.
Control system, Heating. H. E. Malone. 2,402,174; June 18.
Control system, Illumination. H. R. Annis. 2,392,446; Jan. 8.
Control system, Induction motor. P. W. Robinson. 2,406,255; Aug. 20.
Control system, Liquid pressure remote. J. K. Simpson. 2,408,003; Sept. 24.
Control system, Locomotive. R. M. Dilworth, T. O. Lillquist, and D. H. Queeney. 2,409,740; Oct. 22.
Control system, Motor. W. L. Barclay, Jr. 2,400,971; May 28.
Control system, Motor. J. D. Lewis. 2,406,782; Sept. 3.
Control system, Motor. E. W. Seeger. 2,399,067; Apr. 23.
Control system, Multiplex. J. P. Smith. 2,403,561; July 9.
Control system, Position. J. O. Shepherd. 2,408,485; Oct. 1.
Control system, Pump pressure. R. R. Curtis. 2,409,975; Oct. 22.
Control system, Radio operated positioning. H. J. Finison. 2,398,419; Apr. 16.
Control system, Remote. T. W. Hays. 2,402,399; June 18.
Control system, Remote. E. H. Stivender. 2,392,425; Jan. 8.
Control system, Rudder. W. B. Elmer and R. R. Rimer. 2,403,064; July 2.
Control system, Signal responsive. W. W. Moe. 2,405,843; Aug. 13.
Control system, Speed. J. E. Reilly. 2,399,387; Apr. 30.
Control system, Supercharger. A. J. Larrecq. 2,393,172; Jan. 15.
Control system, Teletypewriter. A. R. Eggensperger. 2,397,848; Apr. 2.
Control system, Television. R. D. Compton. 2,407,403; Sept. 10.
Control system, Television. S. F. Essig. 2,407,485; Sept. 10.
Control system, Television pickup. G. L. Beers. 2,403,628; July 9.
Control system, Timing. G. E. Undy. 2,401,780; June 11.
Control system, Torpedo depth. S. T. Bussey. 2,397,946; Apr. 9.
Control system, Turret. M. A. Edwards and C. F. Byrum. 2,410,723; Nov. 5.
Control system, Ultra high frequency. S. Krasik. 2,412,892; Dec. 17.
Control systems for fuel burners, Safety. S. G. Eskin
Control unit and dump valve. B. N. Ashton and E. V. Barkow. 2,406,524; Aug. 27.

Control unit, Power transmission. W. P. Lear. 2,403,101; July 2.
Control unit, Stick. C. L. Paulus and F. A. Cullman, Jr. 2,397,978; Apr. 9.
Control valve. H. W. Addison. 2,396,809; Mar. 19.
Control valve. D. G. Fawkes. 2,396,993; Mar. 19.
Control valve. W. M. Myers. 2,395,420; Feb. 26.
Control valve. W. L. Papker. 2,393,805; Jan. 29.
Controllable clutch. G. T. Moo. 2,402,829; June 25.
Controlled ventilated container. I. Hill. 2,404,065; July 16.
Controller. F. Stoner. 2,405,769; Aug. 13.
Controller attachment for addressing machines. W. C. Pfeiffer. 2,396,199; Mar. 5.
Controller, Circuit. J. F. Beal. 2,404,940; July 30.
Controller, Circuit. H. L. Lambert. 2,410,085; Oct. 29.
Controller, Circuit. J. G. Oetzel. 2,407,509; Sept. 10.
Controller, Electric circuit. R. B. Hunter. 2,398,007; Apr. 9.
Controller, Flight path. T. M. Ferrill, Jr. 2,395,854; Mar. 5.
Controller for electric motor driven traveling machines. E. J. Posselt. 2,405,053; July 30.
Controller for water temperature, Thermostatic. W. R. Peterson. 2,408,269; Sept. 24.
Controller mechanism. R. G. Janes. 2,409,762; Oct. 22.
Controller, Motor. C. P. Feldhausen. 2,409,264; Oct. 15.
Controller, Motor. E. Pell. 2,399,059; Apr. 23.
Controller, Motorized truck. C. S. Schroeder. 2,401,113; May 28.
Controller, Slack. W. W. Stewart. 2,403,135; July 2.
Controller, Temperature. C. H. McClain. 2,404,597; July 23.
Controller, Temperature. A. O. Roche, Jr. 2,404,596; July 23.
Controller, Unitary. A. G. Ericson and B. T. Anderson. 2,393,093; Jan. 15.
Controllers, Circuit. C. H. Hodgkins. 2,402,404; June 18.
Controlling apparatus, Electric. F. G. Logan. 2,402,563; June 25.
Controlling apparatus, Railway traffic. J. C. Law. 2,404,303; July 16.
Controlling apparatus, Railway traffic. H. A. Thompson. 2,405,860; Aug. 13.
Controlling apparatus, Railway traffic. J. J. Van Horn. Re. 22,780; Aug. 13.
Controlling apparatus, Railway traffic. H. S. Young. 2,395,706; Feb. 26.
Controlling device. R. O. Allen. 2,400,330; May 14.
Controlling device for envelope moistening devices, Liquid level. C. D. Ryan. 2,412,538; Dec. 10.
Controlling device for gyroscopes, Erection. F. D. Braddon and S. Kellogg, 2nd. 2,409,188; Oct. 15.
Controlling device, Thread. A. R. Wood. 2,410,400; Oct. 29.
Controlling directional changes in bombs, Method of and apparatus for. M. G. Clay. 2,397,088; Mar. 26.
Controlling means. P. S. Russel. 2,396,205; Mar. 5.
Controlling means for burners, Fuel supply. P. S. Russel. 2,413,655; Dec. 31.
Controlling means, Ignition. F. B. Aubert. 2,406,185; Aug. 20.
Controlling mechanism. L. A. Maxson. 2,407,088; Sept. 3.
Controlling mechanism for multiple wing helicopter rotors. T. F. McDougal. 2,396,590; Mar. 12.
Controlling mechanism, Pressure responsive. J. Sivertsen. 2,404,868; July 30.
Controlling moving vehicles, Method and apparatus for. W. L. Maxson, F. W. Lutz, P. J. McLaren, and N. V. Fedotoff. 2,397,467; Apr. 2.
Controlling system, Crane. M. G. Clay. Re. 22,785; Sept. 3.
Controlling system for railroads, Centralized traffice. W. D. Hailes, F. W. Brixner, W. M. Barker, and A. V. Dasburg. 2,399,734; May 7.
Controlling system for railroads, Centralized traffic. W. K. Howe. 2,399,738; May 7.
Controlling the supply of fuel to internal-combustion engines. W. D. Marchant. 2,396,517; Mar. 12.
Controlling torch spacing, Method and apparatus. H. O. Klinke. 2,411,737; Nov. 26.
Convection heater. B. Spleth. 2,406,648; Aug. 27.
Conversion process, Hydrocarbon. C. W. Watson. 2,400,795; May 21.
Conversion processes and apparatus therefor. H. Z. Martin, E. V. Murphree, E. J. Gohr, and J. M. Graham. 2,394,928; Feb. 12.
Converter. J. E. Tillman. 2,404,669; July 23.
Converter and control system, Torque. L. M. Sherman. 2,401,376; June 4.
Converter and window unit, Combination. C. R. Sacchini. 2,393,194; Jan. 15.
Converter, High-to-low-pressure. E. A. Rockwell. 2,410,750; Nov. 5.
Converter, Range. D. B. Parkinson. 2,407,325; Sept. 10.
Converter, Tone. J. L. Finch. 2,401,629; June 4.
Converter, Torque. J. Jandasek. 2,393,859; Jan. 29.
Convertible rocking chair. M. G. Lemos. 2,407,839; Sept. 17.
Converting mono-olefins to di-olefins. H. S. Taylor and J. Turkevich. 2,401,802; June 11.
Conveyance, Load pick-up hauling and dumping. P. E. Goodwin. 2,409,752; Oct. 22.
Conveyance, Self-loading hay. W. H. Rodefeld. 2,398,327; Apr. 9.
Conveyer. E. E. Brunner. Re. 22,789; Sept. 10.
Conveyer. S. M. Mercier. 2,400,246; May 14.
Conveyer. S. Pile. 2,404,885; July 30.
Conveyer. M. L. Sensenig. 2,512,179; Dec. 3.
Conveyer. F. Stadelman. 2,413,339; Dec. 31.
Conveyer and the like, Multiple drive. J. B. Webb and A. G. Rose. 2,395,599; Feb. 26.
Conveyer, Ammunition. W. Thomas. 2,403,882–3; July 9.
Conveyer, Ammunition. W. Thomas and R. L. Tweedale. 2,403,884; July 9.
Conveyer, Article. J. H. Fridén. 2,411,854; Dec. 3.
Conveyer, Auger. A. R. Wheat. 2,397,305; Mar. 26.
Conveyer belt cleaner. W. A. Vickers. 2,393,724; Jan. 29.
Conveyer construction. J. O. Sullivan. 2,405,530; Aug. 6.
Conveyer, Distributing. Z. Roseman. 2,404,863; July 30.
Conveyer dump. H. C. Davis. 2,397,129; Mar. 26.
Conveyer flight. H. W. Hapman. 2,400,502; May 21.
Conveyer, Flight. J. F. Rixon. 2,403,024; July 2.
Conveyer flight. B. E. Styer. 2,409,318; Oct. 15.
Conveyer for cigarette machines, Tobacco. C. Arelt. 2,395,089; Feb. 19.
Conveyer for cylindrical articles. L. Marzocchi. 2,396,589; Mar. 12.
Conveyer for saw trimmers, Lumber feeding. E. C. Mead. 2,403,673; July 9.
Conveyer for vehicle bodies, Roller. E. H. Hill. 2,411,133; Nov. 12.
Conveyer, Grain. R. Berlinger. 2,401,540; June 4.
Conveyer loading mechanism. E. A. Wilckens and E. M. Magill. 2,408,838; Oct. 8.
Conveyer mechanism. E. N. Michna. 2,398,148; Apr. 9.
Conveyer mechanism. M. Morgan. 2,392,234; Jan. 8.
Conveyer mechanism. A. A. Tunley. 2,403,249; July 2.
Conveyer mechanism, Work tumbling. E. W. Berelt. 2,395,391; Feb. 26.
Conveyer or heater, Food. R. J. Baunach. 2,409,528; Oct. 15.
Conveyer, Portable. F. E. Gephart. 2,397,959; Apr. 9.
Conveyer, Portable power driven. A. C. Tuttle. 2,408,459; Oct. 1.
Conveyer, Power-driven. V. Jorgensen. 2,397,420; Mar. 26.
Conveyer, Sectional screw. S. C. Gebert. 2,394,163; Feb. 5.
Conveyer, Shaker. E. J. Doberstein. 2,410,481–2; Nov. 5.
Conveyer, Shaker. L. D. Hagenbook. 2,404,058; July 16.
Conveyer slat assembly. C. S. Reed. 2,395,761; Feb. 26.
Conveyer structure. W. G. Malo. 2,400,763; May 21.
Conveyer structure. F. E. Thomas. 2,405,378; Aug. 6.
Conveyer system. M. J. Anderson. 2,411,407; Nov. 19.
Conveyer table. R. L. Hibbard. 2,405,141; Aug. 6.
Conveyer, Trolley. R. W. Suman. 2,411,906; Dec. 3.
Conveying apparatus. L. Winston. 2,405,920; Aug. 13.
Conveying method. C. W. Bareis. 2,396,454; Mar. 12.
Conveying of materials. E. L. Wiegand. 2,413,479; Dec. 31.
Conveyor apparatus, Traveling. R. W. Spafford. 2,401,115; May 28.
Conveyor, Belt. E. C. Anderson. 2,406,279; Aug. 20.
Conveyor chain. F. H. Dalrymple. 2,402,376; June 18.
Conveyor mechanism. H. O. Irmscher. 2,399,228; Apr. 30.
Conveyor mechanism for furnaces and other apparatus. J. Fallon. 2,412,724; Dec. 17.
Conveyor, Shaker. H. R. Eberle. 2,407,407; Sept. 10.
Conveyor, Stoker. W. T. Hanna. 2,413,448; Dec. 31.
Conveyor system control. G. Deakin. 2,410,051; Oct. 29.
Cooker. R. S. Brescka. 2,397,836; Apr. 2.
Cooker. R. Hermann. 2,400,643; May 21.
Cooker, Electric. H. F. Drechsler and C. W. Eisenheimer. 2,397,478; Apr. 2.
Cooker, Electric. C. M. Sharpe. 2,405,984; Aug. 20.
Cooker, Gas. R. Hermann. 2,400,508; May 21.
Cooker, Pressure. J. H. Chandler. 2,407,627; Sept. 1.
Cooker, Pressure. H. Hansen and R. Pilger. 2,399,115; Apr. 23.
Cooker, Pressure. H. A. Wilson. 2,392,077; Jan. 1.
Cooker, Pressure. E. H. Wittenberg. 2,395,602; Feb. 26.
Cooker and ricer, Combination. D. F. Hosman. 2,406,769; Sept. 3.
Cooking and packaging. C. J. Cavallito. 2,398,082; Apr. 9.
Cooking and vending machine. E. H. Thompson, R. W. Lockhart, and E. L. Wolf. 2,392,511; Jan. 8.
Cooking apparatus, Outdoor. W. E. Leake, Jr. 2,408,859; Oct. 8.
Cooking vessel. E. G. Scheuplein. 2,393,420; Jan. 22.
Coolant contained valve. J. H. Hoern. 2,394,177; Feb. 5.
Cooler: *See*—
Brake cooler.
Evaporative cooler.
Cooler construction, Noncongealing oil. C. T. Perkins. 2,410,180; Oct. 10.
Cooler for refrigerators, Liquid. G. R. Taylor. 2,408,704; Oct. 1.
Cooling agent dispenser. D. R. Douslin and C. F. Weinaug. 2,399,334; Apr. 30.

Cooling and charging apparatus, Engine. F. W. Caldwell. 2,407,223; Sept. 10.
Cooling apparatus. C. V. Di Pietro. 2,396,460; Mar. 12.
Cooling apparatus. H. W. Kleist. 2,405,432; Aug. 6.
Cooling apparatus. J. F. Plummer, Jr. 2,409,896; Oct. 22.
Cooling apparatus. A. Sánchez. 2,394,109; Feb. 5.
Cooling apparatus for bottled beverages. A. M. Culberth. 2,405,091; July 30.
Cooling apparatus, Mold. N. M. Waterbury and R. C. Tittel. 2,402,475; June 18.
Cooling apparatus, Water. C. P. Freer. 2,403,272; July 2.
Cooling attachment for fans, Evaporative. C. C. McCombs. 2,396,741; Mar. 19.
Cooling device, Room. E. Babcock. 2,391,859; Jan. 1.
Cooling means for shafts. I. Jepson. 2,397,012; Mar. 19.
Cooling mechanism, Brake. C. L. Eksergian. 2,400,225; May 14.
Cooling structure for aircraft engines, Axial flow. C. E. Lucke. 2,406,552; Aug. 27.
Cooling structure for aircraft engines, Cylinder. C. E. Lucke. 2,406,551; Aug. 27.
Cooling system. R. W. Myers. 2,394,199; Feb. 5.
Cooling system. C. R. Paton. 2,411,936; Dec. 3.
Cooling system. M. F. White. 2,396,033; Mar. 5.
Cooling system, Engine. K. A. Rowley. 2,401,510; June 4.
Cooling system for Diesel engines. E. F. Chandler. 2,392,723; Jan. 8.
Cooling system for hydraulically operated machine tools. W. G. Baidenhofer. 2,396,147; Mar. 5.
Cooling system for marine vehicles. C. F. Kramer and F. G. Kerby. 2,397,792; Apr. 2.
Cooling system, Rocket motor. R. C. Truax, R. C. Stiff, Jr., W. Schubert, J. R. Patton, Jr., and R. Youngquist. 2,408,112; Sept. 24.
Coordinate determining system. A. V. Loughren. 2,403,729; July 9.
Coordinating apparatus. J. J. Moynihan. 2,404,243; July 16.
Co-oxidation reaction. A. T. Larson. 2,405,963; Aug. 20.
Copolymer, Haloprene. C. J. Mighton. 2,392,756; Jan. 8.
Copolymer of styrene and fusable partial polymer of divinyl benzene. G. F. D'Alelio. 2,405,817; Aug. 13.
Copolymerization mixtures and polymeric products. L. C. Rubens and R. F. Boyer. 2,395,504; Feb. 26.
Copolymerization of asymmetrical dihalogenated ethylenes. H. W. Arnold. 2,404,779; July 30.
Copolymers. S. M. Weisburg, E. G. Stimpson, and J. Greenspan. 2,393,438; Jan. 22.
Copolymers of acrylic esters and vinyl esters, Deesterification of. W. O. Kenyon, T. F. Murray, Jr., and L. M. Minsk. 2,403,004; July 2.
Copolymers of butadiene-1,3 and N-dialkyl acrylamides. W. L. Semon. 2,401,885; June 11.
Copolymers of carboalkoxy alkyl acrylonitriles. J. R. Long. 2,396,586; Mar. 12.
Copolymers of diolefinic compounds. D. T. Mowry. 2,398,321; Apr. 9.
Copolymers of divinyl benzene and vinyl acetate. G. F. D'Alelio. 2,404,220; July 16.
Copolymers of halogenated ethylenes. E. L. Martin. 2,396,713; Mar. 19.
Copolymers of monoethenoid compounds, Production of. D. E. Strain. 2,404,817; July 30.
Copolymers of vinyl chloride and trichlorethylene. O. W. Cass. 2,397,724; Apr. 2.
Copper and zinc plate on ferrous articles, Thermally diffused. H. Brown and C. R. Hurley. 2,392,456; Jan. 8.
Copper brazing. H. D. Stecher and J. N. Paquin. 2,392,886; Jan. 15.
Copper compounds of mercaptans derived from pinene. A. L. Fox. 2,407,266; Sept. 10.
Copper compounds of mercaptans derived from terpenes and producing them. A. L. Fox. 2,407,265; Sept. 10.
Copper-containing azo dyestuffs, Preparing. N. L. Anderson. 2,400,092; May 14.
Copper, Electrodeposition of. E. D. Wilson. 2,411,674; Nov. 26.
Copper, Electrolysis of. W. C. Mason. 2,408,668; Oct. 1.
Copper from zinc, Stripping of. J. C. Lum. 2,408,220; Sept. 24.
Copper, Mining native. P. W. Arvidson. 2,404,206; July 16.
Copper phthalocyanine dyestuffs, Manufacture of. G. M. O'Neal. 2,410,301; Oct. 29.
Copper values from dilute solutions of copper salts, Recovering. H. L. Tiger and P. C. Goetz. 2,397,575; Apr. 2.
Copy holder. K. C. Atticks. 2,401,811; June 11.
Cord, Coated. T. R. Ten Broeck. 2,410,792; Nov. 5.
Cord, Fibrous. J. Overbeke. 2,401,956; June 11.
Cord support for electric flatirons. G. Browning. 2,396,676; Mar. 19.
Cord winder. P. Ruttkay. 2,393,417; Jan. 22.
Cordlike product. G. H. Fullerton and T. V. Moss. 2,403,652; July 9.
Cord-locking construction, Venetian blind. J. Nisenson. 2,408,333; Sept. 24.
Cords and making cord. S. M. Martin. 2,403,816; July 9.
Cords, Making. S. M. Martin. 2,403,815; July 9.
Core. J. B. Brennan. 2,397,121; Mar. 26.
Core controlling device for casting. P. E. Flowers. 2,396,778; Mar. 19.
Core drill. E. F. Aston. 2,412,939; Dec. 24.
Core for cooling pipes, Compressible. J. I. Morrison. 2,409,304; Oct. 15.
Core for metallic casting and composition for same. C. E. Hartwig and R. E. Roehrenbeck. 2,405,650; Aug. 13.
Core lamination and production thereof. W. P. Langworthy. 2,410,220; Oct. 29.
Core, Magnetic. F. F. Brand. 2,407,625; Sept. 17.
Core, Magnetic. I. H. Sclater. 2,407,688; Sept. 17.
Core, Magnetic. A. U. Welch, Jr. 2,407,626; Sept. 17
Core making machine. D. H. Wood and H. J. Roe. 2,409,330; Oct. 15.
Core mold for walls. V. E. Reichard. 2,394,261; Feb. 5.
Corer and slicer. A. E. Hosmer. 2,397,007; Mar. 19.
Corer and slicer. J. H. Lunt. 2,397,496; Apr. 2.
Cork composition cartridge plugs, Making. H. Paschke and J. W. Wiley. 2,394,524; Feb. 5.
Cork-substitute material, Felted wood fiber machinable. J. H. Gauthier. 2,395,218; Feb. 19.
Corn kernel cutter. J. H. Higgins. 2,412,149; Dec. 3.
Corn picker, Tractor-mounted. M. J. Mitchell. 2,398,028; Apr. 9.
Corner construction. W. M. Krantz. 2,395,673; Feb. 26.
Corner structure, Frame. W. and G. Holman. 2,408,852; Oct. 8.
Correcting device, Ingrown nail. H. C. Armagost. 2,405,547; Aug. 13.
Correction apparatus. Keystone. J. A. Buckbee. 2,406,740; Sept. 3.
Correction device for gyroscopic compasses, Automatic. W. R. Hight and B. A. Wittkuhns. 2,403,000; July 2.
Corrective arrangement, Distortion. H. G. Busignies. 2,406,799; Sept. 3.
Corrector, Rotary position. A. G. Richardson and F. O. Chesus. 2,406,853; Sept. 3.
Corrosion inhibitor. J. R. Heard, Jr. 2,401,733; June 11.
Corrosion inhibiting composition and method. L. M. Burghart. 2,411,676; Nov. 26.
Corrosion inhibition in catalytic hydrocarbon conversion. A. Wachter and R. S. Treseder. 2,411,483; Nov. 19.
Corrosion of distillation equipment, Preventing the. D. C. Walsh, Jr., and E. Q. Camp. 2,408,011; Sept. 24.
Corrosion reduction in heat exchangers. W. F. Harlow. 2,412,809; Dec. 17.
Corrosion testing apparatus. F. Todd. 2,405,532; Aug. 6.
Corrugated structures, Apparatus for producing. G. Weiss. 2,406,051; Aug. 20.
Corrugating and like machines, Combination preheater and steam shower for. F. C. Carder. 2,402,237; June 18.
Corrugating die. J. A. Watt and A. J. Perkins. 2,397,582; Apr. 2.
Corset. J. J. Kispert. Re. 22,773; July 23.
Corset. J. J. Kispert. 2,410,083; Oct. 29.
Corset. J. J. Kispert. 2,410,083; Oct. 29.
Corset. I. Rosner. 2,405,711; Aug. 13.
Corset drying frame. E. P. Ewing. 2,393,460; Jan. 22.
Corset, Ventilated. J. J. Kispert. 2,410,082; Oct. 29.
Cosmetic case. M. M. Slaton and M. M. Croen. 2,396,932; Mar. 19.
Cosmetic container. A. Auerbach. 2,394,961; Feb. 12.
Cosmetic container. C. R. Book. 2,409,658; Oct. 22.
Cosmetic holder. A. Gelardin. 2,393,677; Jan. 29.
Cost computing meter. W. J. Pearson. 2,410,743; Nov. 5.
Costume, Skating. E. Abrahamson. 2,412,241; Dec. 10.
Cot for textile fiber processing, Spinning. H. M. Bacon. 2,393,953; Feb. 5.
Cotter pin construction. S. J. Strid. 2,400,960; May 28.
Cotton cleaner. A. L. Smith. 2,401,439; June 4.
Cotton fabrics with differential elastic properties. Making. C. F. Goldthwait. 2,404,837; July 30.
Cotton picker. A. J. Kay. 2,411,575; Nov. 26.
Cotton yarn, Spinning of. B. L. Whittier and W. E. Johnson. 2,412,641; Dec. 17.
Couch and bed, Combination. L. Robinson. 2,394,969; Feb. 12.
Counter, J. Noonan. 2,406,962; Sept. 3.
Counter, Electronic. O. R. Miller. 2,407,320; Sept. 10.
Counter for flat articles. E. G. Staude. 2,394,945; Feb. 12.
Counter, Geiger-Müller. A. S. Keston. 2,409,498; Oct. 15.
Counter, Photoelectric. L. R. Hunter and O. C. Levander. 2,408,313; Sept. 24.
Counter, Store display. R. H. Kress. 2,400,832; May 21.
Counter, Swivel door. E. Ramsay. 2,393,811; Jan. 29.
Counter, Traffic. G. R. Hall. 2,403,277; July 2.
Counterbalance for boom derricks, Automatic. M. A. West. 2,408,500; Oct. 1.
Countersink. J. J. Manewich. 2,401,307; June 4.
Countersink bevel recessing tool. O. J. Huelster. 2,401,074; May 28.
Countersink, Micrometer stop. W. E. Miller. 2,409,377; Oct. 15.
Counterweight arrangement on crank drive. A. Eberhard. 2,393,029; Jan. 15.
Counting and selecting device, Impulse. A. N. Goldsmith. 2,401,729; June 11.
Counting device, Electronic. J. S. Compton and R. E. Mumma. 2,402,372; June 18.
Counting mechanism. J. Welmont. 2,406,726; Aug. 27.

Counting mechanism. W. A. Whitehead. 2,406,118; Aug. 20.
Counting mechanism. L. S. Williams. 2,405,626; Aug. 13.
Counting system. W. P. Overbeck. 2,404,918; July 30.
Coupler. C. E. Fitch. 2,396,499; Mar. 12.
Coupler. F. H. Kayler. 2,393,912; Jan. 29.
Coupler. E. P. Kinne. 2,393,914; Jan. 29.
Coupler. E. P. Kinne. 2,408,653; Oct. 1.
Coupler, Automatic scale model. A. R. Wicher. 2,409,920; Oct. 22.
Coupler carrier. E. P. Kinne and F. H. Kayler. 2,400,049; May 7.
Coupler centering device, Car. K. E. Zeidler. 2,409,093; Oct. 8.
Coupler, Color. A. Weissberger, C. J. Kibler, and P. W. Vittum. 2,407,210; Sept. 3.
Coupler for condenser microphones, Acoustic. H. C. Silent. 2,405,858; Aug. 13.
Coupler, Linear. E. C. Wentz. 2,411,403; Nov. 19.
Coupler, Locomotive. H. H. Wolfe. 2,400,584; May 21.
Coupler, Lubrication. C. W. Ginter. 2,404,052; July 16.
Coupler mechanism. F. H. Kayler. 2,396,855; Mar. 19.
Coupler mechanism, Car. E. E. Schlesinger. 2,399,263; Apr. 30.
Coupler, Mine car. E. Ramsay. 2,407,449; Sept. 10.
Coupler, Standing wave. H. M. Strobel. 2,409,991; Oct. 22.
Coupler, Toy train. L. H. Strayer. 2,411,394; Nov. 19.
Coupler, Trailer. W. L. Slimp. 2,411,009; Nov. 12.
Coupler, Traveling wave. H. M. Strobel. 2,409,992; Oct. 22.
Coupling: *See*—
Antenna coupling.
Automatic parachute release coupling.
Car coupling.
Conduit coupling.
Detachable coupling.
Disengaging coupling.
Drive coupling.
Flexible coupling.
Flexible drive coupling.
Flexible pipe coupling.
Fluid coupling.
Hose coupling.
Hydraulic coupling.
Inductive coupling.
Limited torque coupling.
Marine friction coupling.
Multiple quick disconnect coupling.
Overload release coupling.
Pipe coupling.
Quick disconnect coupling.
Sealed flexible coupling.
Self-sealing valved coupling.
Swivel coupling.
Tie rod coupling.
Trailer coupling.
Tube coupling.
Variable speed hydraulic coupling.
Vibrationproof coupling.
Coupling. N. W. Adolph. 2,403,839; July 9.
Coupling. F. E. Bertschinger. 2,408,547; Oct. 1.
Coupling. I. L. Eastman. 2,394,236; Feb. 5.
Coupling. J. W. Fitz Gerald. 2,400,110; May 14.
Coupling. F. S. Kenhey. 2,405,148; Aug. 6.
Coupling. L. H. Pletcher. 2,409,385; Oct. 15.
Coupling. E. B. Wiggins. 2,409,650; Oct. 22.
Coupling and power steering unit, Draft. R. L. Akers. 2,408,360; Oct. 1.
Coupling and steering unit. R. L. Akers. 2,408,359; Oct. 1.
Coupling arrangement. A. C. Beck. 2,408,032; Sept. 24.
Coupling arrangement, Flexible gear. R. L. Morey. 2,403,389; July 2.
Coupling arrangement for use in wave transmission systems. W. A. Tyrrell. 2,410,114; Oct. 29.
Coupling arrangement, Inductive. E. O. Willoughby. 2,399,779; May 7.
Coupling circuit. F. O. Chesus. 2,391,880; Jan. 1.
Coupling circuit. C. B. Watts, Jr. 2,411,564; Nov. 26.
Coupling combination. E. F. Mahlberg. 2,410,297; Oct. 29.
Coupling combined with gearing, Hydrodynamic. D. W. Kelbel. 2,402,164; June 18.
Coupling control apparatus, Electrical. A. Winther. 2,411,122; Nov. 12.
Coupling device. A. J. Bielski and W. J. Luckock. 2,407,530; Sept. 10.
Coupling device. E. A. Derungs. 2,400,633; May 21.
Coupling device. B. C. Grieb. 2,397,735; Apr. 2.
Coupling device. E. M. McElhinney. 2,400,836; May 21.
Coupling device. E. C. Okress, D. E. Nelson, and R. C. Retherford. 2,404,086; July 16.
Coupling device. H. Rudnick. 2,393,657; Jan. 29.
Coupling device. C. H. Sauer. 2,404,925; July 30.
Coupling device, Amplifier. A. H. Neyzi. 2,405,515; Aug. 6.
Coupling device and control means therefor. P. Orr. 2,401,179; May 28.
Coupling device and system, Ultra high frequency. M. D. Fiske. 2,408,055; Sept. 24.
Coupling device for connecting pipes or conduits. S. G. Williams-Foxcroft. 2,398,170; Apr. 9.
Coupling device for pipes or tubes. W. H. J. Brock. 2,405,489; Aug. 6.
Coupling device for pipes or tubes. W. H. J. Brock. 2,406,488; Aug. 27.
Coupling device for use in cable connections between tugs, gliders, and the like, Intercommunication. M. J. O. Lobelle. 2,400,310; May 14.
Coupling device, One-way. D. W. Kelbel. 2,393,693; Jan. 29.
Coupling device, Tractor. R. C. Fergason. 2,410,280; Oct. 29.
Coupling device, Ultra high frequency. S. Gubin. 2,397,787; Apr. 2.
Coupling device, Ultra high frequency. S. Gubin. 2,401,634; June 4.
Coupling for coal feeding worms. W. M. Schweickart. 2,404,145; July 16.
Coupling for drive rolls. H. O. Shade. 2,412,013; Dec. 3.
Coupling for high-frequency oscillator, Output. J. B. Fisk. 2,411,151; Nov. 19.
Coupling for ignition magnetos, Impulse. H. Schmid and A. P. Hobush. 2,394,938; Feb. 12.
Coupling for model railway vehicles and the like. T. Pinder. 2,408,877; Oct. 8.
Coupling for plastic tubes. J. L. Hudson. 2,409,283; Oct. 15.
Coupling for railway vehicles and the like, Combined. J. J. Petrovich. 2,395,426; Feb. 26.
Coupling for tubes. J. J. Chavayda. 2,398,618; Apr. 16
Coupling for tubes. A. L. Parker. 2,398,555; Apr. 16.
Coupling for tubes. J. N. Wolfram and W. Maky 2,412,664; Dec. 17.
Coupling means for tractors. G. B. Sherman. 2,394,210; Feb. 5.
Coupling means, Power. W. C. Weaner. 2,408,497; Oct. 1.
Coupling or connecting device. R. A. W. Spooner. 2,402,925; June 25.
Coupling sleeve puller. C. V. Augustine. 2,399,312; Apr. 30.
Coupling system. A. C. Beck. 2,408,033; Sept. 24.
Coupling system. H. T. Friis. 2,401,751; June 11.
Coupling system. D. H. Ring. 2,410,838; Nov. 12.
Coupling system, Adjustable. L. F. Curtis. 2,396,831; Mar. 19.
Coupling unit. D. A. Wallace. 2,404,329; July 16.
Couplings, Making return bend pipe. C. A. Dies. 2,409,023; Oct. 8.
Couplings, Permanently attaching hose. C. L. Conroy. 2,399,790; May 7.
Course tracing device. M. Jones. 2,393,474; Jan. 22.
Cover: *See*—
Book cover.
Bottle cover.
Circular saw and addo cover.
Clothesline cover.
Detachable cover.
Electrically heated cover.
Heated steering wheel cover.
Hoist drum cover.
Mattress cover.
Ornamental hair curler cover.
Pillow head cover.
Receptacle cover.
Slip cover.
Tire tread cover.
Cover. W. Halpern, K. Weiner, and R. Krochmal. 2,412,262; Dec. 10.
Cover for containers, Detachable. O. Rasor. 2,406,636; Aug. 27.
Cover for the suction boxes of papermaking machines. J. Proulx. 2,408,176; Sept. 24.
Cover for tin cans. H. C. Dauphinais. 2,412,603; Dec 17.
Cover remover, Bottle cap or jar. R. A. Mitchell. 2,407,793; Sept. 17.
Cover removing tool. S. Kretchman. 2,407,428; Sept. 10.
Covered separable fastener. D. Marinsky and L. H. Morin. 2,392,934; Jan. 15.
Covering and making the same, Insulating. G. B. Brown. 2,409,249; Oct. 15.
Covering articles, Temporarily. V. F. Harrington. 2,410,878; Nov. 12.
Covering, Foot. L. S. Herbert. 2,400,692; May 21.
Covering for aircraft surfaces and the like, Protective. W. H. Hunter. 2,394,063; Feb. 5.
Covering for metal articles, and applying, Protective. H. C. Phillips and P. F. Robb. 2,394,101; Feb. 5.
Covering for welding rods, Protective. R. D. Wasserman. 2,410,850; Nov. 12.
Covering, Hand. C. P. Krupp. 2,393,171; Jan. 15.
Covering, Hand. J. Shmikler. 2,394,532; Feb. 12.
Covering material, Surface. F. Washburn. 2,411,308; Nov. 19.
Covers and locking means therefor, Hatch. T. Madland. 2,405,040; July 30.
Cowl fastener. H. W. Baldwin. 2,392,718; Jan. 8.
Cowl fastener. M. P. Graham and A. Venditty. 2,398,827; Apr. 23.
Cowl fastener. H. R. Segal. 2,407,618–19; Sept. 10.
Cowling, Aircraft engine. H. Neumann, G. Bukowski, R. Ramshorn, E. Spiegel, and H. Tonn. 2,396,598; Mar. 12.
Cowling and like socket fastener member, Shiftable. W. H. Churchill. 2,407,815; Sept. 17.
Cowling, Engine. D. S. Hersey. 2,403,797; July 9.
Cowling for airplanes. D. M. Capanoli. 2,408,371; Oct. 1.
Cracking hydrocarbons in the presence of a diluent gas. H. Dreyfus. 2,413,407; Dec. 31.
Cracking machine, Tube. C. Eisler. 2,410,931; Nov. 12.
Cracking process. C. H. O. Berg. 2,408,600; Oct. 1.
Cracking process. H. H. Meier. 2,401,363; June 4.
Cracking units, Starting procedure for. E. W. Hunt. 2,398,228; Apr. 9.
Crane. J. D. Petsche. 2,401,881; June 11.
Crane accessory for fork trucks, Revolving. J. R. Westervelt, Jr. 2,410,373; Oct. 29.

Crane, Cargo. N. P. E. Andersen. 2,396,143; Mar. 5.
Crane controlling and steering device. F. D. Graham. 2,393,768; Jan. 29.
Crane controlling system. M. G. Clay. 2,391,881; Jan. 1.
Crane, Self-erecting. R. G. Le Tourneau. 2,394,314; Feb. 5.
Crane system, Electric traveling. R. W. Spafford and L. R. Bergren. 2,392,417; Jan. 8.
Crane, Tractor. R. C. Swaney. 2,413,529; Dec. 31.
Crane, Traveling. V. V. Mappin. 2,411,218; Nov. 19.
Cranial operations, Method and apparatus for. E. Chapman. 2,401,548; June 4.
Crank and lubricated means for driving the same. S. S. Crane. 2,410,929; Nov. 12.
Crank bed motion, Twin. F. W. Seybold. 2,403,760; July 9.
Crankcase and cylinder cooling. W. Ricart. 2,397,434; Mar. 26.
Crankcases, Method and apparatus for forging. C. A. Brauchler. 2,400,387; May 14.
Crankshaft holding and pin aligning means. G. E. Taylor. 2,397,517; Apr. 2.
Crankshafts by electric welding, Making. F. A. Carstens. 2,403,049; July 2.
Crankless mechanism. A. G. M. Michell. 2,401,433; June 4.
Crate, Bottle. L. A. Fordon. 2,401,063; May 28.
Crate, Bottle. A. Taurman. 2,410,251; Oct. 29.
Crate, Carboy. K. G. Miller. 2,399,499; Apr. 30.
Crayon. A. Rubenstein. 2,409,000; Oct. 8.
Crayon for marking textile materials and the like. R. D. Robinson. 2,398,559; Apr. 16.
Cream separator. C. E. Deardorff. 2,399,665; May 7.
Creaser, Trouser. H. M. Kruse. 2,400,236; May 14.
Creeper, Ice. S. A. Smith. 2,401,891; June 11.
Creeper, Side. B. Cones. 2,401,295; June 4.
Creping machine. L. A. Straubel, Sr. 2,409,997; Oct. 22.
Creping machine. L. A. and J. W. Straubel. 2,410,189; Oct. 29.
Creping of webs with thin coatings of creping adhesive. W. W. Rowe. 2,399,256; Apr. 30.
Cresylic pitch to obtain tar-acids therefrom, Treating. C. F. Winans. 2,398,687; Apr. 16.
Crib, Folding. D. D. Leavitt. 2,413,457; Dec. 31.
Crib, Portable. H. Reeves. 2,392,948; Jan. 15.
Crib rail support. S. and N. J. Kroll. 2,399,358; Apr. 30.
Cribbage board. R. C. Shipley. 2,404,320; July 16.
Crimper, Blasting cap. A. Djidics. 2,409,549; Oct. 15.
Crimper, Eyelash. R. R. Rector. 2,392,694; Jan. 8.
Crochet, Applique. M. E. Ellis. 2,399,478; Apr. 30.
Crochet ball holder. J. M. D'Arcy. 2,410,018; Oct. 29.
Croquignole iron. J. Pope. 2,409,791; Oct. 22.
Crossbar selector switching unit. C. Gillings and L. J. Murray. 2,409,122; Oct. 8.
Crossbar switch mechanism. C. Gillings and L. J. Murray. 2,412,257; Dec. 10.
Crosshead. R. R. Freund. 2,404,835; July 30.
Cross shaft mounting. J. J. Wharam and C. P. Pinardi. 2,406,933; Sept. 3.
Crossed-lever tool. A. J. Cacarillo. 2,392,118; Jan. 1.
Crossing gate. D. Richards and S. T. Comfort. 2,401,275; May 28.
Crotch, Detachable. R. B. O'Brien. 2,396,599; Mar. 12.
Crown cap conveying system. H. A. Fink. 2,412,137; Dec. 3.
Crown fastener. H. J. Dorgelys. 2,301,057; May 28.
Crude oil, Purifying and deodorizing. F. A. Kent and C. W. Patrick. 2,400,515; May 21.
Crusher, Ice. A. E. Grant. 2,398,932–3; Apr. 23.
Crushing device. E. A. and J. A. Clemetsen. 2,407,365; Sept. 10.
Crust or like former, Pie. W. M. Fletcher. 2,405,781; Aug. 13.
Crutch. T. B. Brickson. 2,408,604; Oct. 1.
Crutch. F. Klausnitzer and G. W. Battles. 2,398,534; Apr. 16.
Crutch. T. Lamb. 2,409,365; Oct. 15.
Crutch. F. J. Redcliffe. 2,398,247; Apr. 9.
Crutch, Adjustable. C. A. Lyman. 2,399,279; Apr. 30.
Crutch, Safety. J. J. Janosko. 2,402,330; June 18.
Crutch tip construction. H. C. McGowan. 2,397,499; Apr. 2.
Cryptographic device. W. F. Friedman. 2,395,863; Mar. 5.
Crystal. W. E. Kuenstler. 2,404,445; July 23.
Crystal detectors, Mounting. W. D. La Rue. 2,413,186; Dec. 24.
Crystal filter circuit. G. F. Collar and R. C. Young. 2,405,999; Aug. 20.
Crystal holder. H. M. Bach. 2,410,193; Oct. 29.
Crystal holder. M. Pennybacker. 2,413,579; Dec. 31.
Crystal mounting. J. J. Cress. 2,409,838; Oct. 22.
Crystal, Piezoelectric. S. X. Shore. 2,411,298; Nov. 19.
Crystalline absorbents, Manufacture of. R. M. Barrer. 2,413,134; Dec. 24.
Crystalline materials, Preparation of. G. H. Foster and E. F. Williams. 2,395,856–60; Mar. 5.
Crystalline pellets, and preparation. H. R. Dalton. 2,400,292; May 14.
Crystals, Orientation of. I. Fankuchen. 2,392,528; Jan. 8.
Crystals, Piezoelectric. B. Tenenbaum. 2,395,434; Feb. 26.
Culinary equipment. C. Deacon. 2,397,410; Mar. 26.
Cultivating tool. J. F. Linden. 2,400,241; May 14.
Cultivation of plants, Flame. P. C. McLemore. Re. 22,803; Oct. 15.
Cultivator, Adjustable parallel beam. C. Patterson. 2,413,467; Dec. 31.
Cultivator and row thinner, Combination. R. L. Harral. 2,409,123; Oct. 8.
Cultivator attachment to agricultural implements, Rotary. D. W. Ritenour. 2,393,190; Jan. 15.
Cultivator, Power-driven rotary garden. G. O. Deubner. 2,410,273; Oct. 29.
Cultivator tool. L. R. Shaffer. 2,396,132; Mar. 5.
Cultivator wheel. A. B. Allen. 2,405,630; Aug. 13.
Cup for milking machines. E. Shurts and L. F. Bender. 2,402,094; June 11.
Cup for milking machines, Teat. F. A. Gessler. 2,408,390; Oct. 1.
Cup forming machine. E. Conti. 2,411,082; Nov. 12.
Cup, Measuring. J. S. Lucas. 2,399,813; May 7.
Cup, Oil. E. W. Davis. 2,406,746; Sept. 3.
Cup, Steel post oiler. H. P. Witt. 2,400,798; May 21.
Cup, Vacuum. R. M. Stephens. 2,404,412; July 23.
Cupola furnace. W. M. McNeil. 2,395,231; Feb. 19.
Cupping press. A. and E. A. Calleson. 2,411,503; Nov. 26.
Cuprammonium process. P. H. Schlosser, J. W. Bennett, and K. R. Gray. 2,395,015; Feb. 19.
Curare preparations suitable for therapeutic use, Producing. H. A. Holaday. 2,397,417; Mar. 26.
Curing acrylate polymers and resulting product. L. W. Hainard. 2,410,103; Oct. 29.
Curler and the like, Hair. G. C. E. Keet. 2,395,553; Feb. 26.
Curler, Cold wave hair. J. M. Simons. 2,403,244; July 2.
Curler, Eyelash. E. Byron. 2,411,519; Nov. 26.
Curler, Eyelash. C. M. Palmer. 2,410,391; Oct. 29.
Curler, Eyelash. H. Wasserman. 2,393,848; Jan. 29.
Curler, Hair. E. Bergen. 2,394,973; Feb. 19.
Curler, Hair. R. Krasberg. 2,392,928; Jan. 15.
Curler, Hair. R. Krasberg. 2,408,657; Oct. 1.
Curler, Hair. A. A. Norin. 2,403,992; July 16.
Curler, Hair. A. Reiter. 2,411,336; Nov. 19.
Curler, Hair. F. D. Reynolds. 2,396,606; Mar. 12.
Curler, Hair. F. D. Reynolds. 2,410,106; Oct. 29.
Curler, Hair. C. J. Simons and A. Randall. 2,404,867; July 30.
Curler, Hair. N. L. Solomon. 2,395,945; Mar. 5.
Curler, Hair. S. and R. Wirsing. 2,410,617; Nov. 5.
Curling device, Hair. A. Kiernan. 2,405,431; Aug. 6.
Curling device, Hair. L. Toro. 2,402,470; June 18.
Curling hair. C. J. Altman. 2,397,908; Apr. 9.
Curling method. C. J. Altman. 2,394,224; Feb. 5.
Curling rod. S. Molchan. 2,404,517; July 23.
Current collector mounting means. W. J. Lewis. 2,412,052; Dec. 3.
Current control, Load. U. Lamm. 2,403,891; July 9.
Current conversion device. F. A. Sherman. 2,400,609; May 21.
Current motor. R. W. Harbaugh. 2,403,178; July 2.
Current regulator. J. B. Reeves. 2,409,312; Oct. 15.
Curtain. E. Lepow. 2,392,930; Jan. 15.
Curtain. R. F. Loeb. 2,395,335; Feb. 19.
Curtain. R. S. Temko and A. Katz. 2,400,788; May 21.
Curtain construction, Pleating. E. Lepow. 2,410,224; Oct. 29.
Curtain, Crisscross. G. Kahn. 2,410,662; Nov. 5.
Curtain hanger. J. Howard, Jr., and A. C. Noland. 2,411,431; Nov. 19.
Curtain or drape hanger. M. L. Paradise. 2,393,869; Jan. 29.
Curtain rod. J. E. Chilton. 2,399,001; Apr. 23.
Curtain rod. A. B. Wilson. 2,401,212; May 28.
Curtain saver. V. J. and J. W. Hansen. 2,405,354; Aug. 6.
Curtain set. S. E. Lewis. 2,392,598; Jan. 8.
Curtain-shutter and release mechanism for photographic cameras, Motor-driven. E. S. Hineline. 2,407,277; Sept. 10.
Curtain, Theatre. B. H. and G. W. Lohmuller. 2,407,024; Sept. 3.
Curtain traverse wheel. T. Dierking. 2,405,020; July 30.
Cushion and life preserver, Combination. G. Ballhe. 2,405,484; Aug. 6.
Cushion for artificial denture. E. W. Town. 2,392,513; Jan. 8.
Cushion for billiard tables. T. Sato. 2,395,645; Feb. 26.
Cushion head for stapling devices. C. E. Hallen. 2,393,769; Jan. 29.
Cushion mounting. G. W. Fyler. 2,406,601; Aug. 27.
Cushion or mattress. S. J. Weinzimmer. 2,401,995; June 11.
Cushioned clip. C. J. Chunn. 2,404,473; July 23.
Cushioned shipping container. R. Kuhlman. 2,401,765; June 11.
Cushioning device. L. D. Freeman. 2,410,933; Nov. 12.
Cuspidor cleaner. B. Graham. 2,404,286; July 16.
Cut film holder. C. H. Jacobson. 2,397,010; Mar. 19.
Cutoff drive mechanism. H. C. Behrens. 2,394,589; Feb. 12.

Cutoff for power operated hand tools, Safety. E. F. Sheehan and G. V. Hunt. 2,409,397; Oct. 15.
Cutoff machine, Abrasive. R. B. Pealer. 2,401,659; June 4.
Cutoff machine, Abrasive. L. L. Vadnais. 2,400,704; May 21.
Cutoff machine, Foundry. H. H. Talboys. 2,406,468; Aug. 6.
Cutoff tool. D. S. Anthony and W. B. Blocker. 2,398,913; Apr. 23.
Cutout. G. C. Armstrong. 2,411,352; Nov. 19.
Cutout device, Hydraulic. C. A. Pugh and A. W. Say. 2,406,899; Sept. 3.
Cutout, Electrical. C. E. Mosley. 2,401,656; June 4.
Cutout, Self-standing. V. Havel. 2,395,118; Feb. 19.
Cutter: *See*—
Automatic cutter.
Cable cutter.
Cake cutter.
Cereal cutter.
Corn kernel cutter.
Fly cutter.
Ice cutter.
Glass cutter.
Grapefruit cutter.
Grass and weed cutter.
Grass cutter.
Inserted blade cutter.
Inserted tooth milling cutter.
Lace cutter.
Loop cutter.
Machine tool cutter.
Milling cutter.
Mine mooring cutter.
Paper cutter.
Pipe cutter.
Profiling milling cutter.
Rotary cast cutter.
Rotary cutter.
Sod cutter.
Thread cutter.
Wash-over outside cutter.
Cutter. K. B. Kaiser. 2,413,452; Dec. 31.
Cutter. C. E. Kraus. 2,407,501; Sept. 10.
Cutter. H. R. Martin. 2,398,383; Apr. 16.
Cutter. H. L. Steiner. 2,408,891; Oct. 8.
Cutter and squeezer, Fruit. R. A. Klein. 2,404,382; July 23.
Cutter attachment for drill cultivators, Weed. A. F. Morris. 2,411,454; Nov. 19.
Cutter attachment for hand punches. L. P. Morin. 2,398,840; Apr. 23.
Cutter chain. J. R. Cartlidge. 2,399,166; Apr. 30.
Cutter chain. C. F. Osgood. 2,408,476; Oct. 1.
Cutter chain. L. E. Simmons. 2,393,001; Jan. 15.
Cutter chain. L. E. Simmons. 2,404,540; July 23.3
Cutter chain. L. E. Simmons and H. H. Vanderzee. 2,413,585; Dec. 31.
Cutter chain. W. W. Sloane. 2,398,675; Apr. 16.
Cutter for clothing. P. Katz. 2,401,831; June 11.
Cutter for looms, Thread. R. G. Turner. 2,398,264; Apr. 9.
Cutter for producing gears. E. Wildhaber. 2,392,278; Jan. 1.
Cutter for ring grooving cutter heads. A. B. Taylor. 2,412,433; Dec. 10.
Cutter for rotary plows, Spiral. J. P. Bagan. 2,410,003; Oct. 29.
Cutter head, Rotary. C. T. Dare. 2,398,362; Apr. 16.
Cutter teeth, Treating. R. W. Ashworth. 2,407,642; Sept. 17.
Cutter tool assembly. J. A. Anania. 2,392,216; Jan. 1.
Cutter tool locking mechanism. J. A. Anania. 2,392,217; Jan. 1.
Cutting and creasing press. L. A. Whittaker and H. F. Peterson. 2,405,868; Aug. 13.
Cutting and tenoning machine, Pipe. G. H. Rosenboom. 2,407,101; Sept. 3.
Cutting apparatus. W. J. Keller. 2,398,230; Apr. 9.
Cutting apparatus, Contour. A. E. Hamilton. 2,401,422; June 4.
Cutting apparatus, Metal. G. H. Hilstrom and W. E. Westland. 2,394,775; Feb. 12.
Cutting device. F. W. Goodrich. 2,405,204; Aug. 6.
Cutting device, Kerf. L. E. Simmons. 2,411,170–1; Nov. 19.
Cutting machine. J. W. Brackett. 2,408,729; Oct. 8.
Cutting machine. L. V. Lucia. 2,413,511; Dec. 31.
Cutting machine. H. M. Morrow and V. O. Shelton. 2,397,974; Apr. 9.
Cutting machine. H. A. and G. H. Wagner. 2,393,845; Jan. 29.
Cutting machine. C. A. Wiken and H. V. Boehnke. 2,413,016; Dec. 24.
Cutting machine, Can. C. E. Miller and D. H. Parker. 2,409,301; Oct. 15.
Cutting machine, Circle. J. L. Anderson. 2,411,182; Nov. 19.
Cutting machine, Fringe. W. A. Roberts. 2,397,047; Mar. 19.
Cutting machine, Hatband. T. F. Lee and H. R. Ives. 2,412,780; Dec. 17.
Cutting machine, Meat. G. J. Sellmeyer. 2,401,972; June 11.
Cutting machine, Seed potato. L. A. Hawkins. 2,401,931; June 11.
Cutting machine, Torch. A. F. Chouinard. 2,401,721; June 11.
Cutting mechanism for molded plastics. J. Casalino. 2,392,459; Jan. 8.
Cutting mechanism, Thread. F. Nell. 2,403,015; July 2.
Cutting tip, Bevel. F. I. Hartung. 2,397,349; Mar. 26.
Cutting tool. R. M. Carpenter. 2,413,544; Dec. 31.
Cutting tool. C. O. Eklund. 2,399,727; May 7.
Cutting tool. E. Greene and H. F. Pearson. 2,401,420; June 4.
Cutting tool. J. A. Markstrum. 2,393,646; Jan. 29.
Cutting tool. R. M. Maslin. 2,412,525; Dec. 10.
Cutting tool. P. M. McKenna. 2,395,570; Feb. 26.
Cutting tool. J. R. Raper. 2,392,001; Jan. 1.
Cutting tool. L. A. Smith. 2,401,979; June 11.
Cutting tool. J. Thompson. 2,400,856; May 21.
Cuttings-conveyer mechanism. C. F. Osgood. 2,394,005; Feb. 5.
Cuticle remover. A. D. Driscoll. 2,392,907; Jan. 15.
Cutlery. E. Echikson. 2,410,572; Nov. 5.
Cyanine base, Organic. L. G. S. Brooker and R. H. Sprague. 2,393,743; Jan. 29.
Cyanoacetals, Preparation of. D. J. Loder and W. M. Bruner. 2,398,757; Apr. 16.
Cyanoalkenes, Production. G. C. Ray. 2,407,848; Sept. 17.
Cyanoethylated products and preparation thereof. H. A. Bruson. 2,394,962; Feb. 12.
Cyanogen, Manufacture of. B. S. Lacy, H. A. Bond, and W. S. Hinegardner. 2,399,361; Apr. 30.
Cyanomethyl dialkyl orthoformates, Preparation of. D. J. Loder and W. F. Gresham. 2,409,699; Oct. 22.
Cycle controlling device. W. R. Kovacs. 2,397,871; Apr. 2.
Cycle controlling device. P. Van Sittert and W. R. Kovacs. 2,397,893; Apr. 2.
Cycle, Heat. J. Kreitner and F. Nettel. 2,407,166; Sept. 3.
Cyclic hydrocarbons, Manufacture of. W. J. Mattox. 2,404,914; July 30.
Cyclic process for making butadiene. H. D. Kinsey, T. H. Kelly, and P. J. Ferrara. 2,393,381; Jan. 22.
Cyclonite, Stabilized. M. H. Wahl. 2,411,604; Nov. 26.
Cyclo-olefinic hydrocarbons and aromatic hydrocarbons, Production of. H. Pines and V. N. Ipatieff. 2,406,630–2; Aug. 27.
Cycloparaffins from acyclic paraffins by an aluminum halide-hydrocarbon complex, Simultaneously isomerizing and separating. W. E. Ross and P. Pezzaglia. 2,409,390; Oct. 15.
Cyclopentadiene resin, Preparation of. H. L. Gerhart. 2,392,140; Jan. 1.
Cyclopentanes, Manufacture of. R. M. Hill and H. G. Codet. 2,403,281; July 2.
Cyclopentanopolyhydrophenanthrene series and making same, Compounds of the. T. Reichstein. 2,409,798; Oct. 22.
Cyclopentene from piperylene, Separating. C. E. Welling. 2,401,282; May 28.
Cyclopentene, Production of. H. J. Hepp. 2,412,936; Dec. 17.
Cyclo-trimethylenetrinitramine, Preparation of. J. A. Wyler. 2,395,773; Feb. 26.
Cyclotrimethylenetrinitramine recovery. J. A. Wyler. 2,410,699; Nov. 5.
Cylinder and head connection, Engine. G. N. Cole. 2,399,468; Apr. 30.
Cylinder and piston. B. O. Austin. 2,392,449; Jan. 8.
Cylinder and piston and producing a working seal therebetween. J. Williams. 2,397,067; Mar. 19.
Cylinder and reservoir, Master. L. E. La Brie. 2,405,093; July 30.
Cylinder assembly. J. B. Parsons. 2,403,020; July 2.
Cylinder construction. A. Kalitinsky. 2,408,427; Oct. 1.
Cylinder construction. R. P. Pescara. 2,406,100; Aug. 20.
Cylinder ends, Forming. J. J. Bednar and S. P. Peck. 2,408,596; Oct. 1.
Cylinder, Finned. W. H. Farr. 2,393,036; Jan. 15.
Cylinder, Fluid actuated lock. B. N. Ashton and N. G. Kling. 2,393,602; Feb. 5.
Cylinder grinding tool. W. F. Mitchell. 2,400,430; May 14.
Cylinder head. C. F. Bachle. 2,395,712; Feb. 26.
Cylinder head. A. V. D. Willgoos. 2,401,210; May 28.
Cylinder head. A. V. D. Willgoos. 2,401,211; May 28.
Cylinder head, Cushioned. L. O. Greeley. 2,402,887; June 25.
Cylinder liner. E. L. Larson. 2,412,587; Dec. 17.
Cylinder lock. G. E. Swanson. 2,405,911; Aug. 13.
Cylinder structure for engines. B. S. Kratzer. 2,411,024; Dec. 3.
Cylinder wash-up device. T. J. Kauffeld. 2,393,992; Feb. 5.
Cylinders, Making air-cooled. A. Vang. 2,396,216; Mar. 5.
Cylinders, Master. M. L. Masteller. 2,391,913; Jan. 1.
Cylindrical grinding machine, Hydraulic. H. A. Silven. 2,396,892; Mar. 19.
Cylindrical surface lapping machine. A. M. Drake. 2,399,477; Apr. 30.
Cylindrical test gauge. J. G. Sisson. 2,392,617; Jan. 8.
Cylindrical work stock, Rolling. T. V. Buckwalter and W. L. Scribner. 2,396,081; Mar. 5.
Cymene production. W. J. Kirkpatrick. 2,402,898; June 25.
d (+) alpha,gamma-dihydroxy-beta, beta-dimethylbutyric-acid-(hydroxy-alkyl)-amides and the manufacture of same. O. Schnider. 2,413,077; Dec. 24.
D-rings for parachute harnesses, Retainer for. F. G. Manson. 2,411,381; Nov. 19.

D-tubocurarine chloride, Producing substantially pure. J. T. Bashour. 2,409,241; Oct. 15.
Dairy process. G. C. North and A. J. Alton. 2,392,401; Jan. 8.
Dairy product. G. C. North and A. J. Alton. 2,399,565; Apr. 30.
Dairy products, Treating. N. P. Christensen and R. E. Sturhahn. 2,400,454; May 14.
Dam structure. E. D. del Castillo y Espanol. 2,407,952; Sept. 17.
Dampener for lithographic printer. T. P. Brannigan, G. H. Raison, and W. H. Yoder. 2,395,654; Feb. 26.
Dampener, Machine tool vibration. H. Ernst, D. A. Grieb, and M. Field. 2,412,499; Dec. 10.
Dampener for struts, Variable pneumatic. W. F. Boldt. 2,405,733; Aug. 13.
Dampener, Milling machine vibration. C. Herfurth. 2,393,907; Jan. 29.
Dampening device, Antiknock or detonation. H. E. Crozier and A. G. H. Vanderpoel. 2,407,478; Sept. 10.
Dampening splice, Vibration. L. C. Torell and W. E. White. 2,406,270; Aug. 20.
Damper. F. J. Kurth. 2,403,291; July 2.
Damper control. R. J. Parsons. 2,409,064; Oct. 8.
Damper control. R. J. Parsons. 2,411,834; Nov. 26.
Damper, Fluid cooled. D. Dalin. 2,410,017; Oct. 29.
Damper for airplane landing gear, Shimmy. E. A. Kops, D. S. Sanborn, and V. A. Johnson. 2,393,110; Jan. 15.
Damper, Hydraulic surge. E. Koehler. 2,401,570; June 4.
Damper indicator. L. C. Smith. 2,393,482; Jan. 22.
Damper, Liquid type vibration. A. M. Rockwell. 2,411,000; Nov. 12.
Damper structure. H. S. Hermanson. 2,400,044; May 7.
Damper system for synchronous generators. R. Rudenberg. 2,411,002; Nov. 12.
Damping arrangement for vehicle suspension systems. J. A. Petrie. 2,412,533; Dec. 10.
Damping for electrical machines. L. A. Kilgore. 2,409,213; Oct. 15.
Damping mechanism. R. E. Crooke. 2,405,017; July 30.
Davenport, Bed. M. Nagele. 2,392,688; Jan. 8.
Dead-front safety switch. W. G. Harlow, G. A. Healis, and D. B. Lamb. 2,404,230; July 16.
Deaerator. J. R. McDermet. 2,393,393; Jan. 22.
Deamidizing aluminum and aluminum alloys, Composition for. J. Janota, Jr., and B. B. Button, Jr. 2,398,079; Apr. 9.
Dearomatising and modifying hydrocarbons with hydrogen fluoride and boron trifluoride. R. E. Burk. 2,405,995; Aug. 20.
Decarboxylated half esters of hydroxylated fatty oils and alpha unsaturated polycarboxylic acids. M. C. Agens and B. W. Nordlander. 2,404,204; July 16.
Deceleration control apparatus. C. M. Hines and C. D. Stewart. 2,396,424; Mar. 12.
Decelerometer apparatus. C. M. Hines. 2,393,375; Jan. 22.
Decelerometer, Electric. C. M. Hines. 2,402,403; June 18.
Decolorizing light oil fractions by selective hydrogenation. E. H. Smoker. 2,399,514; Apr. 30.
Decolorizing oils and agents therefor. F. M. Sullivan. 2,408,454; Oct. 1.
Decorating apparatus, Candy. A. F. Fredricksen. 2,405,879; Aug. 13.
Decoration support. L. W. Weaver. 2,406,725; Aug. 27.
Decorative bar pin. J. I. Levyn. 2,413,056; Dec. 24.
Decorative illuminated device. A. Abramson. 2,412,379; Dec. 10.
Decorative material, Composite. E. Karfiol and W. A. Roehm. 2,392,594; Jan. 8.
Decorticating apparatus. K. Kaiser. 2,399,809; May 7.
Decorticating apparatus. K. Kaiser. 2,402,634; June 25.
Decorticating machine. J. S. Reeves. 2,404,457–8; July 23.
Decoy, Mechanical. C. J. Rulison. 2,413,418; Dec. 31.
Deep-drawing magnesium base alloy. D. W. Watters. 2,396,218; Mar. 5.
Deep hole molding, Method of and apparatus for. F. G. Purinton. 2,403,948; July 16.
Defects in filled cans, Method and apparatus for detecting. R. O. Henszey and P. Smart. 2,400,507; May 21.
Defense system. N. Herzmark. 2,405,694; Aug. 13.
Definite-length adhesive tape dispenser. F. A. Smith. 2,407,300; Sept. 10.
Deflecting circuit. M. W. Baldwin, Jr. 2,393,601; Jan. 29.
Deflection circuits. L. C. Smith. 2,412,542; Dec. 10.
Deflector and fin brace, Combined air. W. H. Francisco, Jr. 2,398,216; Apr. 9.
Deflector and gun installation, Blast. N. Ivanovic. 2,402,632; June 25.
Deflector for air circulating units. W. L. Kisling. 2,398,380; Apr. 16.
Deflector, Insect. J. I. Hoag. 2,402,963; July 2.
Defoamer, Flame. C. Z. Monroe. 2,398,189; Apr. 9.
Defroster. M. L. Pacifico. 2,398,035; Apr. 9.
Defroster for ice cube trays. R. H. Baker. 2,410,194; Oct. 29.
Defroster, Refrigerator. C. J. Roach. 2,400,168; May 14.
Defrosting arrangement. C. M. Ashley. 2,392,628; Jan. 8.
Degasser, Dough. G. N. Le Sage. 2,402,420; June 18.
Degasser for internal combustion engines. M. Mallory. 2,395,748; Feb. 26.
Degassifier. D. N. Ebert and A. W. Hogeland. 2,413,102; Dec. 24.
Dehumidifying apparatus. T. K. Taft. 2,403,880; July 9.
Dehydrating apparatus. W. A. Patrick, Jr., and J. D. Elder. 2,399,247; Apr. 30.
Dehydrating in the frozen state, Method and apparatus for. K. C. D. Hickman. 2,402,401; June 18.
Dehydrating mechanism, Glass block. J. E. Ferguson and C. W. McCreery. 2,402,387; June 18.
Dehydrating method and apparatus. W. A. Patrick, Jr., and J. D. Elder. 2,399,246; Apr. 30.
Dehydrating method and apparatus. W. A. Patrick, Jr. 2,399,504; Apr. 30.
Dehydration of beets, Vacuum. R. M. Schaffner. 2,402,672; June 25.
Dehydration of carrots, Vacuum. R. M. Schaffner. 2,402,679; June 25.
Dehydration of corn, Vacuum. R. M. Schaffner. 2,402,678; June 25.
Dehydration of green beans, Vacuum. R. M. Schaffner. 2,402,677; June 25.
Dehydration of peas, Vacuum. R. M. Schaffner. 2,402,673; June 25.
Dehydration of pork, Vacuum. R. M. Schaffner. 2,402,674; June 25.
Dehydration of soybeans. R. M. Schaffner. 2,402,675; June 25.
Dehydration process. J. E. Bludworth. 2,399,164; Apr. 30.
Dehydrator. A. P. Nichols, Jr. 2,410,675; Nov. 5.
Dehydrator. W. W. O'Neal and R. D. Williams. 2,409,787; Oct. 22.
Dehydrator. G. H. Phelps. 2,410,129; Oct. 29.
Dehydrator and hotbed, Combination sunlight and artificial heat. W. T. Schreiber. 2,399,696; May 7.
Dehydrator, Grain. A. B. Welty. 2,410,851; Nov. 12.
Dehydrator with removable trays. P. D. Kilbury. 2,412,407; Dec. 10.
Dehydrocholic acid, Isolation of. R. H. Sifferd. 2,411,169; Nov. 19.
Dehydrogenation of butylene and pentylene. W. D. Seyfried and S. H. Hastings. 2,401,973; June 11.
Dehydrogenation of hydrocarbons. C. M. Thacker and R. T. Bell. 2,398,126; Apr. 9.
Dehydrogenation process. C. L. Gutzeit. 2,408,139; Sept. 24.
Dehydrogenations and isomerization of olefins. W. D. Seyfried and S. H. Hastings. 2,399,895; May 7.
Deicer unloading valve. S. K. Lehman and M. L. Taylor. 2,405,362; Aug. 6.
Deicing mechanism. H. N. Love. 2,399,648; May 7.
De-icing or anti-icing means, Fan. E. P. Palmatier. 2,406,473; Aug. 27.
Deicing valve. L. B. Read. 2,402,208; June 18.
Delay system, Electron discharge time. G. L. Usselman. 2,402,472; June 18.
Delayed-action release device. H. C. Grant, Jr., and W. M. Haessler. 2,393,985; Feb. 5.
Deliquefying means. E. L. Wiegand. 2,392,020; Jan. 1.
Delivering and printing mechanism, Sheet. H. E. Seeley. 2,405,373; Aug. 6.
Delivering apparatus, Article. E. E. Lakso. 2,403,862; July 9.
Delivery device, Liquid. E. Giger. 2,402,036; June 11.
Delivery mechanism, Sheet. A. B. Woodruff. 2,406,936; Sept. 3.
Delivery system for internal-combustion engines, Fuel. W. A. Yonkers. 2,411,312; Nov. 19.
Delving machine. B. Farley. 2,410,969; Nov. 12.
Demagnetizing. M. L. Mages. 2,397,497; Apr. 2.
Demagnetizing apparatus. T. Zuschlag. 2,403,424; July 2.
Demodulator. N. H. Young, Jr. 2,413,023; Dec. 24.
Demodulator device for frequency and amplitude modulation. E. H. Lange. 2,395,413; Feb. 26.
Demolition tool handle. M. O'Farrell and A. J. St. Louis. 2,400,207; May 14.
Demonstration apparatus. K. H. Emerson. 2,406,751; Sept. 3.
Demulsification of hydrocarbons, Process and apparatus for the. W. B. Rhees. 2,400,713; May 21.
Densitometer, Direct reading. M. H. Sweet. 2,406,716; Aug. 27.
Dental deflasking mechanism. J. Lehner. 2,394,921; Feb. 12.
Dental device. H. Barishman. 2,404,683; July 23.
Dental diagnosis and office desk, Combination. L. M. Dahl. 2,398,923; Apr. 23.
Dental precision bridge device. W. C. Rothkranz. 2,411,001; Nov. 12.
Dental tool. C. Seltzer. 2,399,834; May 7.
Denture, Curing artificial. F. Allen. 2,395,241; Feb. 19.
Denture packing. E. S. Mills. 2,410,453; Nov. 5.
Deodorant can. J. Coyle. 2,412,128; Dec. 3.
Deodorization. G. W. Phelps and H. C. Black. 2,407,616; Sept. 10.
Depositer and applicator. L. S. Seidler. 2,401,585; June 4.

Deposits from concrete, wood, and tile surfaces, Removing greasy. R. L. Reynolds and H. M. Rice. 2,403,612–13; July 9.
Derivatives of alkyl phenols, Metal. C. F. Van Glider and H. G. Schneider. 2,399,878; May 7.
Derivatives of chlormethyl ethers of polyoxyethene glycols and producing same. D. Geltner. 2,405,784; Aug. 13.
Derivatives of resinous ethers of hydroxyaryl compounds. O. Albrecht, C. Graenacher, R. Sallmann, and C. Rossi. 2,405,806; Aug. 13.
Derivatives of 6-amino-1,3-benzodioxan. H. Z. Lecher, J. P. Goulding, and R. P. Parker. 2,409,134; Oct. 8.
Derivatives of the cyclopentanoperhydrophenanthrene series and making same. T. F. Gallagher and W. P. Long. 2,397,656; Apr. 2.
Derivatives of the dialkyl ethane-and di-ethyl ethane series and making the same. W. Schoeller, H. H. Inhoffen, K. Steinruck, and O. Höss. 2,392,864; Jan. 15.
Derivatives of 3-ketotetrahydrothiophene, Manufacture of substituted. A. W. d' Avison, F. Bergel, and J. W. Haworth. 2,399,974; May 7.
Dermatome. J. A. Jenney. 2,413,354; Dec. 31.
Derrick, Portable. H. D. Hilborn. 2,403,081; July 2.
Derrick, Portable. G. L. Loomis. 2,405,794; Aug. 13.
Derrick, Portable. R. E. McCarthy and E. A. Bender. 2,413,149; Dec. 24.
Desiccant. F. J. Ewing and R. A. Lovett. 2,409,263; Oct. 15.
Desiccated virus vaccines and producing same. P. Masucci. 2,399,443; Apr. 30.
Desiccating apparatus. L. H. Zeun. 2,411,179; Nov. 19.
Desiccation method and apparatus. N. V. Hayes and W. B. Humes. 2,406,682; Aug. 27.
Desiccator unit. J. F. Riley. 2,396,474; Mar. 12.
Desk attachment. J. W. Paxton and I. R. Cornish. 2,401,182; May 28.
Desk, Control. J. P. Houck. 2,394,062; Feb. 5.
Desk pad holder. R. P. Magnenat. 2,396,381; Mar. 12.
Desk set mounting. P. C. Hull. 2,403,083; July 2.
Destroyer, Grass and weed. D. A. Caylor. 2,403,847; July 9.
Desulphurization process. M. P. Matuszak and G. H. Morey. 2,399,496; Apr. 30.
Desulphurizing. R. P. Heuer. 2,397,737; Apr 2.
Desulphurizing iron with molten calcium carbide. J. J. Crowe. 2,409,020; Oct. 8.
Detachable can handle. B. Votaw. 2,396,479; Mar. 12.
Detachable coupling. A. W. Miller. Re. 22,810; Nov. 5.
Detachable cover. C. Blankenship. 2,395,840; Mar. 5.
Detachable handle. A. Zuschlag. 2,400,800; May 21.
Detachable luggage carrier. H. O. Striker. 2,401,388; June 4.
Detachable plug. F. E. Tiffany. 2,396,901; Mar. 19.
Detasseling machine. L. L. Dostal. 2,397,249; Mar. 26.
Detecting and measuring radiant energy such as light, Method and apparatus for. E. F. Sarver. 2,392,003; Jan. 1.
Detecting apparatus and method, Object. W. W. Hansen and R. H. and S. F. Varian. 2,406,371; Aug. 27.
Detecting camouflage, Method of and apparatus for. R. B. Barnes. 2,394,508; Feb. 5.
Detecting device. H. C. Hayes and S. L. Quimby. 2,396,699; Mar. 19.
Detecting device, Electronic vibration. V. K. Zworykin and J. Hillier. 2,406,982; Sept. 3.
Detecting device, Flame and temperature rise. A. Mathisen. 2,393,860; Jan. 29.
Detecting irregularities of filaments, yarns and the like, Method and apparatus for. I. P. Denyssen. 2,413,486; Dec. 31.
Detecting network, Frequency. H. M. Stoller. 2,395,515; Feb. 26.
Detecting system and apparatus. K. L. Coulter. 2,403,503; July 9.
Detecting system, Obstacle. C. H. Brown. 2,410,424; Nov. 5.
Detecting system, Obstacle. C. D. Tuska. 2,403,622; July 9.
Detecting system, Sound. T. A. Read. 2,399,386; Apr. 30.
Detection and control system, Remote. J. A. Bradley. 2,399,426; Apr. 30.
Detection apparatus, Fluoroscopic. H. Sicular. 2,398,194–5; Apr. 9.
Detection apparatus, Gas. W. H. Farr and W. F. Fagen. 2,400,923; May 28.
Detection apparatus, Gas. H. J. D. McCollum. 2,400,940; May 28.
Detection device, Mine. M. H. Loughnane. 2,404,266; July 16.
Detection of the chemical condition of materials. C. F. Wallace. 2,396,934; Mar. 19.
Detector. H. Harris, Jr. 2,397,961; Apr. 9.
Detector and automatic stop device for textile machines, Fault. D. G. Scrantom. 2,409,961; Oct. 22.
Detector and relaying system, Long-line fault. S. L. Goldsborough. 2,404,955; July 30.
Detector and the like, Fire and smoke. K. O. Donelian. 2,408,051; Sept. 24.
Detector, Angle modulated wave. G. C. Szikiai. 2,408,702; Oct. 1.
Detector, Anto dash oil. A. Guerra. 2,402,394; June 18.
Detector crystal. W. L. Carlson. 2,410,268; Oct. 29.
Detector, Dentist's bite. R. A. De Rome. 2,411,194; Nov. 19.
Detector for altimeters, Balanced. D. Blitz. 2,410,006; Oct. 29.
Detector for altimeters, Balanced. W. R. Mercer and B. R. Cole. 2,410,122; Oct. 29.
Detector for centimeter waves, Standing wave. N. I. Korman. 2,403,289; July 2.
Detector for sheet material, Flow. C. Stevens. 2,392,010; Jan. 1.
Detector for tubing, Flaw. H. C. Drake. 2,409,554; Oct. 15.
Detector, Ground. E. Monori and C. B. Myhre. 2,409,885; Oct. 22.
Detector mechanism, Rail flaw. H. C. Drake. 2,409,553; Oct. 15.
Detector, Phase modulation. M. G. Crosby. 2,397,840–1; Apr. 2.
Detector, Radiation. D. G. C. Hare. 2,397,071–2; Mar. 19.
Detector, Radiation. D. G. C. Hare. 2,397,661; Apr. 2.
Detector, Radiation. D. G. C. Hare and G. Herzog. 2,397,073–5; Mar. 19.
Detector, Radiation. D. G. C. Hare. 2,398,934; Apr. 23.
Detector, Regenerative detonation. K. R. Eldredge and V. C. Davis. 2,404,569; July 23.
Detector, Resistance type. H. Wolfson and S. C. Shepard. 2,413,021; Dec. 24.
Detector, Submarine. H. A. D. Lindsey. 2,404,806; July 30.
Detector, Submarine. A. Wikstrom. 2,397,995; Apr. 9.
Detector system, Frequency change. N. E. Lindenblad. 2,402,421; June 18.
Detector using reflected radio waves, Submarine and ship. R. B. Smith. 2,402,459; June 18.
Detent. C. I. Phelps. 2,397,981; Apr. 9.
Detent mechanism. G. C. Webster. 2,407,696; Sept. 17.
Detergent. H. H. Young and K. H. Spitzmueller. 2,394,834; Feb. 12.
Detergent and resulting product, Forming separable bar of. J. W. Bodman and F. F. Pease. 2,400,871; May 28.
Detergent briquette. J. D. MacMahon. 2,412,819; Dec. 17.
Detergent composition. W. B. Hicks and D. J. Saunders. 2,404,289; July 16.
Detergent composition. O. Lind. 2,396,278; Mar. 12.
Detergent composition. D. J. Loder. 2,395,971; Mar. 5.
Detergent composition. M. J. Myres. 2,402,657; June 25.
Detergent composition. J. C. Showalter. 2,392,779; Jan. 8.
Detergent composition. F. J. Soday. 2,404,003–4; July 16.
Detergent composition and preparing same. F. C. Bersworth. 2,412,945; Dec. 24.
Detergent composition for use in hard water. F. C. Bersworth. 2,412,943; Dec. 24.
Detergent composition, Phosphoric acid. C. P. Given. 2,413,495; Dec. 31.
Detergent composition, Preparing a. E. S. Garverich and W. L. Martin. 2,411,090; Nov. 12.
Detergent composition, Producing a. F. C. Bersworth. 2,412,944; Dec. 24.
Detergent having improved hardwater characteristics, Saponaceous. H. H. Kroll and M. Weisberg. 2,404,298; July 16.
Detergent in bar form and making same, Synthetic organic nonsoap. J. W. Bodman. 2,407,647; Sept. 17.
Detergents, Manufacture of. L. H. Flett. 2,394,851; Feb. 12.
Deterging, wetting, and emulsifying compositions. H. H. Kroll. 2,404,297; July 16.
Determining the position of an object in space, System for. H. M. Lewis. 2,406,953; Sept. 3.
Determining unit, Frequency. K. K. Garrison. 2,399,919; May 7.
Detonator clamp. G. A. Tinnerman. 2,405,912; Aug. 13.
Detonator loading press. A. H. Grover. 2,395,046; Feb. 19.
Detonator or blasting cap. W. M. Cobb. 2,400,103; May 14.
Detonator-retaining clip. F. H. Rolfes. 2,398,857; Apr. 23.
Developer and fixer, Combined. R. J. King. 2,397,016; Mar. 19.
Developer, Photographic. F. R. Bean. 2,407,600; Sept. 10.
Developing apparatus, Film. A. M. Jankoski. 2,402,250; June 18.
Developing mechanism, Continuous. P. B. Streich. 2,397,763; Apr. 2.
Developing rack. H. Millman. 2,402,765; June 25.
Development and layout instrument. G. J. Henjum. 2,407,368; Sept. 10.
Device and system for the braking of vehicles. R. L. Levy. 2,406,304; Aug. 20.
Device applicable for bookkeeping-calculating and similar machines. R. Anschütz and E. H. Kämmel. 2,392,515; Jan. 8.
Device facilitating walking on mud. H. Scott-Paine and A. G. W. Hall. 2,412,474; Dec. 10.
Device for adjustably spacing members. D. H. Rogers and V. Schiiha. 2,398,721; Apr. 16.

Device for adjusting objectives of different focal lengths in cameras. H. Bretthauer. 2,401,134; May 28.
Device for adjusting or tuning to close limits. S. Y. White. 2,399,700; May 7.
Device for adjusting the pitch of air propellers. R. Prause. 2,404,743; July 23.
Device for adjusting to close limits, Spacing. S. Y. White. 2,399,702; May 7.
Device for aircraft, Automatic steering. A. Kronenberger. 2,401,168; May 28.
Device for and method of extinguishing phosphorescence. H. W. Leverenz. 2,402,758; June 25.
Device for annealing leers, Transferring. G. W. Herrold. 2,407,664; Sept. 17.
Device for atomizing certain chemicals and oils for the production of dry oil steam for signaling. J. G. Rankin. 2,404,812; July 30.
Device for automotive vehicles, Free-wheeling. M. Mallory. 2,408,566; Oct. 1.
Device for building up illustrations. E. Herz. 2,393,772; Jan. 29.
Device for carnivals, Amusement. G. C. Brown. 2,405,108; Aug. 6.
Device for carrying children. W. A. and B. A. Hancock. 2,411,721; Nov. 26.
Device for circular sewing. E. G. McLellan, C. A. Fischer, and W. Edelman. 2,393,050; Jan. 15.
Device for cleaning floors. E. A. Beyer. 2,405,811; Aug. 13.
Device for combing warp threads and tightening the weft thread in a circular weaving loom. H. Peicé. 2,398,956; Apr. 23.
Device for conforming a shoe upper to the shape of a last. M. Spack. 2,409,721; Oct. 22.
Device for control valves, Adjusting. J. J. Durrett. 2,404,831; July 30.
Device for counting of paper leaves, made up into packets. A. E. Rosswall. 2,393,814; Jan. 29.
Device for demountable punches, dies, and the like. A. G. Gullberg. 2,393,986; Feb. 5.
Device for derricks and jib cranes, Conical type level luffing. R. Goodman and H. J. Jacoby. 2,401,238; May 28.
Device for determining electrically the position of objects. F. Turrettini. 2,401,712; June 4.
Device for determining the deflection of rotating bodies. E. A. Forsberg. 2,403,513; July 9.
Device for determining the deflection of rotating bodies. G. W. Ruda. 2,403,554; July 9.
Device for distributor vacuum control, Wear compensating. G. J. Worel. 2,396,909; Mar. 19.
Device for dredging gravel or the like. K. von Hagen. 2,410,765; Nov. 5.
Device for dressing grinding disks. A. Rickenmann. 2,407,577; Sept. 10.
Device for electrical connectors, Locking. J. F. O'Brien. 2,406,030; Aug. 20.
Device for enciphering telegraph signals, Key tape. T. A. McCann. 2,406,024; Aug. 20.
Device for exchangeably mounting tools. E. Gfeller. 2,398,222; Apr. 9.
Device for exerting a constant returning torque on a rotatively movable unit. C. H. H. Rodanet. 2,398,448; Apr. 16.
Device for facing the slide valve seat of triple valves. J. R. Ricketts. 2,402,775; June 25.
Device for film feeding mechanisms, Antibuckling. J. P. Corcoran. 2,406,136; Aug. 20.
Device for forming selvages on woven fabrics. A. Moessinger. 2,399,880; May 7.
Device for forming slits. A. A. Gradisar. 2,408,512; Oct. 1.
Device for freezing foods. H. W. Kleist. 2,405,834; Aug. 13.
Device for furnaces, Safety shutoff. M. S. Czolgosz. 2,397,474; Apr. 2.
Device for generating electricity, Wind-operated. S. P. Stein. 2,403,564; July 9.
Device for grinding and polishing surfaces. R. Hayward. 2,399,924; May 7.
Device for guiding shuttles on circular weaving looms. H. Peicé. 2,398,957; Apr. 23.
Device for gummed cigarette papers, Moistening. G. Zint. 2,405,804; Aug. 13.
Device for hand stamps or the like, Locating. J. G. D. Manwaring. 2,402,651; June 25.
Device for high-frequency radio circuits, Stable tuning. C. T. Martowicz. 2,394,391; Feb. 5.
Device for holding shoe uppers in lasted position. C. A. Robinson. 2,394,206; Feb. 5.
Device for impregnating filamentary packages with liquids. A. B. Richardson and D. C. Thompson. 2,405,520; Aug. 6.
Device for indicating the slope of grain of structural lumber. L. W. Smith. 2,398,972; Apr. 23.
Device for indicating the unauthorized operation of registers. W. A. Kennedy and B. A. Southerland. 2,411,273; Nov. 19.
Device for infants' vehicles, Antitipping. A. J. Flynn, Jr. 2,402,322; June 18.
Device for internal-combustion engines, Fuel injection. J. B. Malin. 2,413,111; Dec. 24.
Device for lathes, Centering. P. J. Beedle. 2,397,773; Apr. 2.
Device for launching and retrieving boats. C. G. Albert. 2,398,274; Apr. 9.
Device for lids of cans and the like, Scoring. B. Walensky. 2,401,208; May 28.
Device for liquid containers, Overflow. M. D. Riker. 2,405,849; Aug. 13.
Device for liquid treatment of filamentary material. H. J. McDermott and R. W. Stanley. 2,413,413; Dec. 31.
Device for loading revolver chambers simultaneously. W. W. Baucum. 2,399,904; May 7.
Device for lubricating monotype keyboards. L. G. Bakal. 2,406,651; Aug. 27.
Device for maintaining film loops. C. L. Nelson. 2,407,795; Sept. 17.
Device for making butter curls or butter rolls. T. Bauman. 2,395,797; Mar. 5.
Device for manipulating account forms in rotary office machines. G. Prezioso. 2,411,335; Nov. 19.
Device for manufacturing thin-walled containers open at one end. J. Keller. 2,412,813; Dec. 17.
Device for measuring alternating currents. S. A. Holmqvist. 2,393,775; Jan. 29.
Device for measuring changes of distance between two relatively movable parts. I. Benkoe. 2,406,793; Sept. 3.
Device for measuring high-frequency power. W. E. Bradley and N. Johnson. 2,410,706–7; Nov. 5.
Device for measuring impedances. P. S. Christaldi. 2,409,419; Oct. 15.
Device for measuring length of a line run into or removed from a bore hole. R. C. Mason. 2,401,576; June 4.
Device for measuring low direct voltages. C. Dorsman. 2,406,492; Aug. 27.
Device for measuring mechanical acceleration by electrical means. R. Keller. 2,401,163; May 28.
Device for measuring pressure of the spinal fluid. P. V. Thompson. 2,396,351; Mar. 12.
Device for minimizing curvature of film in cameras. A. Simmon and L. L. Weisglass. 2,395,590; Feb. 26.
Device for motor vehicles, Stack releasing. A. J. Scaife. 2,395,909; Mar. 5.
Device for mounting engine hoods on motor vehicles. E. Hitzelberger. 2,410,734; Nov. 5.
Device for oiling fliers. H. McC. Adams. 2,409,523; Oct. 15.
Device for overvoltage, Counting. P. Fehr. 2,405,121; Aug. 6.
Device for peeling agricultural products. G. T. Hemmeter. 2,403,923; July 16.
Device for peeling citrus fruit. H. Singer. 2,396,444; Mar. 12.
Device for pile-driver monkeys, Regulating. P. Pfeiffer. 2,392,061; Jan. 1.
Device for positive fluid action, Rotary. W. Bejeuhr. 2,413,209; Dec. 24.
Device for power-operated machines, Safety. R. B. Woodcock. 2,401,808; June 11.
Device for preparing messages for facsimile transmission. A. E. Thompson and R. D. Salmon. 2,407,304; Sept. 10.
Device for pressure carburetors, Fuel proportioning. S. S. Fox and R. C. Palmer, Jr. 2,399,480; Apr. 30.
Device for pressure fluid controlled prime movers, Regulating. A. Leyer. 2,404,968; July 30.
Device for prevention of vapor lock in gasoline lines and the like. A. F. Carpenter. 2,403,578; July 9.
Device for producing aerosols. L. D. Goodhue. 2,412,728; Dec. 17.
Device for producing ornamental and decorative bubble lighting effects. J. Petry. 2,412,171; Dec. 3.
Device for projectiles, Safety. P. H. Field. 2,402,276; June 18.
Device for purifying oxygen and the like. J. K. Hamilton. 2,398,830; Apr. 23.
Device for radiation of radio waves. W. H. McCurdy and J. A. Hutcheson. 2,413,187; Dec. 24.
Device for raising toilet seats. B. P. Zulkoski. 2,410,854; Nov. 12.
Device for refrigerating apparatus, Spacing and positioning. J. A. Smith. 2,412,756; Dec. 17.
Device for releasing heavy objects particularly for dropping bombs from aircraft. W. Swiateckl. 2,394,571; Feb. 12.
Device for removing particle deposits from gas purifying apparatus associated with gas generators. K. T. Kalle. 2,409,211; Oct. 15.
Device for retarding the disengagement of automatic machines. A. Bechler. 2,405,635; Aug. 13.
Device for return headers, Supporting. J. E. Donahue and L. W. Schrader. 2,412,568; Dec. 17.
Device for roasting poultry and the like. E. G. Danilla. 2,404,166; July 16.
Device for roller curtains, Counterweight. L. Sorrentino. 2,413,471; Dec. 31.
Device for rotating rounds. S. C. Hurley, Jr. 2,408,170; Sept. 24.
Device for rotogravure cylinders, Etching. H. C. Alger. 2,399,534; Apr. 30.
Device for safety headgear, Suspension. A. J. Ruggiero. 2,398,561; Apr. 16.

Device for salvage of ships by compressed air. G. Hantzopoulos. 2,405,649; Aug. 13.
Device for secret communication. R. E. Mathes. 2,402,067; June 11.
Device for securing tires to the rim of vehicle wheels. M. L. Shuler. 2,398,472; Apr. 16.
Device for selection of articles of wearing apparel. F. R. Grand-Jean. 2,406,495; Aug. 27.
Device for separating improperly oriented articles. A. A. McCoy and G. L. Neumann. 2,398,320; Apr. 9.
Device for sewing machines, Automatic stop. W. A. Behrens. 2,400,529; May 21.
Device for sewing machines, Head elevating. C. E. Colegrove. 2,398,696; Apr. 16.
Device for skip cars, Safety. C. M. Guy. 2,401,150; May 28.
Device for slicing butter or the like. L. Livadas. 2,405,311; Aug. 6.
Device for sorting, dehydrating, or washing of suspensions of fibrous materials. K. O. Lindgren. 2,406,618; Aug. 27.
Device for spinning frames, Slubbing. J. R. Tennant. 2,400,663; May 21.
Device for stamping presses, Safety. R. L. Aulenback. 2,413,282; Dec. 31.
Device for storage cabinets, Interlocking. J. Maudel. 2,392,287; Jan. 1.
Device for supplying a predetermined amount of liquid. C. B. Holm. 2,402,329; June 18.
Device for supplying starting fuel. Bo N. Hoffström. 2,402,964; July 2.
Device for supporting packaged articles and the like. A. Ellersgaard. 2,395,176; Feb. 19.
Device for switching-in and disconnecting signal apparatus. O. Tschumi. 2,394,275; Feb. 5.
Device for tampon applicators and the like, Tube beading. J. R. McLaughlin. 2,394,557; Feb. 12.
Device for teaching dancing. T. G. Williams. 2,402,109; June 11.
Device for tensioning moving cords or strips. A. Moessinger. 2,398,547; Apr. 16.
Device for testing light polarizing elements. J. R. Benford. 2,412,074; Dec. 3.
Device for textile machines, Yarn tensioning. F. Lambach and W. Siegel. 2,393,995; Feb. 5.
Device for the hydraulic transmission of power. G. Althoff. 2,400,622; May 21.
Device for the setting of blanking and forming dies in presses. A. Besag. 2,396,814; Mar. 19.
Device for the transformation of mathematical functions. P. J. S. Enger and A. Parschin. 2,402,321; June 18.
Device for timepieces, Tight winding. J. A. Bonincbi. 2,405,087; July 30.
Device for travelers, Portable refrigerating. L. W. Clerc. 2,399,787; May 7.
Device for treating filamentary material. C. de Brabander. 2,402,609; June 25.
Device for tuning or adjusting to close limits. S. Y. White. 2,399,701; May 7.
Device for unloading packaged merchandise. P. Jessen. 2,412,155; Dec. 3.
Device for use with helically-wound coils. A. V. Nichol. 2,406,961; Sept. 3.
Device for use with internal-combustion prime movers, Liquid fuel supply. R. J. Ifield. 2,406,296; Aug. 20.
Device for vacuum filtration. P. Schlumbohm. 2,409,226; Oct. 15.
Device for vacuum sealing containers. E. B. Hughes. 2,406,771; Sept. 3.
Device for vacuum tubes, Supporting. R. B. Hoffman. 2,391,901; Jan. 1.
Device for viewing underwater bodies. E. R. F. Johnson. 2,396,267; Mar. 12.
Device for washing and conditioning air and gases. J. Weits. 2,409,088; Oct. 8.
Device for winding machines, Bobbin-identifying. R. L. Chisholm. 2,393,973; Feb. 5.
Device to add teaching of automatic radio compass. J. Levine and R. E. Wells. 2,404,386; July 23.
Device to prevent the human bladder from spilling over while asleep and to correct the bed-wetting habit. A. A. Lewis. 2,396,516; Mar. 12.
Devices for marking fabrics. G. C. E. Keet. 2,404,638; July 23.
Devolatilizer, Coal. A. F. Howe. 2,406,077; Aug. 20.
Dewaxing, Two-stage deoiling. V. N. Jenkins. 2,397,868; Apr. 2.
Dextran, Production of gum. W. L., Jr., and W. L. Owen. 2,392,258; Jan. 1.
Diacetoxymercurinitro guaiacol. E. A. Peterson. 2,392,801; Jan. 8.
Diacrylates, Preparation of acrolein. J. H. Brant and F. R. Conklin. 2,393,740; Jan. 29.
Dial. S. E. Butler. 2,408,042; Sept. 24.
Dial and pointer apparatus. D. C. Howard. 2,400,553; May 21.
Dial and pointer, Illuminated. G. K. C. Hardesty. 2,410,064; Oct. 29.
Dial, Clock. R. H. Ramsay. 2,395,643; Feb. 26.
Dial head unit for weighing and recording scales. O. S. Carliss. 2,411,521; Nov. 26.
Dial, Illuminated clock. E. L. Boeck. 2,402,014; June 11.
Dial telephone lock. A. E. Feldman. 2,397,954; Apr. 9.
Dials, Instrument. R. White. 2,397,175; Mar. 26.
Dials, Production of luminescent. S. Isenberg and R. Hultgren. 2,395,185; Feb. 19.
Dializing solutions, Process and apparatus for. J. Zender. 2,411,238; Nov. 19.
Dialkylaminopropanol esters of benzilic acid. R. B. Holmes and A. J. Hill. 2,399,736; May 7.
Dialkyl benzenes, Isomerizing. E. D. Reeves. 2,403,757; July 9.
Diallyl phthalate, Making. J. K. Magraue, A. R. Esterly, and R. F. Davies. 2,405,842; Aug. 13.
Dialytically separating mixtures of substances, Methods of and apparatus for. R. Signer. 2,405,456; Aug. 6.
Dialyzer. F. K. Duniel and J. L. Hutchings. 2,399,471; Apr. 30.
Diamidines. A. J. Ewins. 2,395,471; Feb. 26.
Diamines, Preparation of. H. G. Johnson. 2,408,172; Sept. 24.
Diamino-n-alkyl phenazinium salts. L. G. S. Brooker and H. W. J. Cressman. 2,400,872; May 28.
Diamond and making the same. O. V. Lindqvist and F. D. Martin. 2,410,512; Nov. 5.
Diamond cutting machine. H. Kershaw. 2,391,979; Jan. 1.
Diamond drill bit. O. V. Lindquist. 2,401,087; May 28.
Diamond tool. S. V. Hoagberg. 2,395,662; Feb. 26.
Diamonds or other abrasive, Setting. A. Lidén and O. Malmborg. 2,396,015; Mar. 5.
Diaper container. H. C. Hodson. 2,411,430; Nov. 19.
Diaphragm. W. N. Tuttle. 2,405,472; Aug. 6.
Diaphragm adjusting mechanism. J. Bolsey. 2,397,915; Apr. 9.
Diaphragm, Carburetor. A. J. Jennings. 2,405,038; July 30.
Diaphragm control. H. R. Long. 2,406,550; Aug. 27.
Diaphragm-engaging ring. L. R. Burroughs. 2,396,825; Mar. 19.
Diaphragm, Making. L. R. Burroughs. 2,396,824; Mar. 19.
Diaphragm mechanism for projection lenses, Iris. G. K. Czarnikow. 2,411,777; Nov. 26.
Diaphragm pump. E. H. Herbert. 2,399,803; May 7.
Diaphragm pump. J. O. McMillan. 2,407,792; Sept. 17.
Diaryl guanidine addition products. A. R. Davis. 2,409,109; Oct. 8.
Diarylguanidine thiazole formaldehyde complex and making the same. A. R. Davis. 2,412,801; Dec. 17.
Diazine compounds. J. M. Sprague. 2,407,966; Sept. 17.
Diazine derivative, Preparing a. G. F. D'Alelio and J. W. Underwood. 2,403,790; July 9.
Diazoamino compounds and printing pastes. E. G. Wiest. 2,396,357; Mar. 12.
Diazo compounds, Cyclic. J. B. Dickey and J. G. McNally. 2,402,611; June 25.
Diazodinitrophenol, Manufacture of. F. M. Garfield and H. W. Dreher. 2,408,059; Sept. 24.
Diazotized 2,4-dinitro-6-halogen aniline, Preparation of. D. L. Tchorni and G. S. Watson. 2,404,893; July 30.
Di-b-alkenyl ethers to alkadienes and alkali metal alkenylates, Conversion of. H. Dreyfus, F. Bryans, and J. G. N. Drewitt. 2,405,347; Aug. 6.
Dibenzanthronyls, Manufacture of. H. R. Lee and E. T. Howell. 2,413,507; Dec. 31.
Dicarbocyanine dyes. J. D. Kendall and H. D. Edwards. 2,412,815; Dec. 17.
Dichlorethane, Manufacture of. J. A. S. Hammond. 2,393,367; Jan. 22.
Dichlorides of the ethylene series. J. R. Heard, Jr. 2,403,977; July 16.
Dichloroformate preparation. F. Strain. 2,397,630; Apr. 2.
Dicyandiamide-aliphatic ketone condensation product. A. F. MacLean. 2,402,061; June 11.
Dicyanodiamide-ammonia condensation products and making same. J. Treboux. 2,405,863; Aug. 13.
Dicyclic dihydroterpenes to cyclopentene hydrocarbons and penyamethylene hydrocarbons, Conversion of. V. N. Apatieff and H. Pines. 2,399,741; May 7.
Dicyclohexyl amine salt of acid phosphate di-esters. H. G. Smith and T. L. Cantrell. 2,403,763; July 9.
Dicyclopentadiene, Purifying. H. L. Gerhart and L. M. Adams. 2,397,601; Apr. 2.
Die: *See*—
Corrugating die. Wire drawing die.
Die. C. D. Davidson. 2,413,547; Dec. 31.
Die. J. S. Nielsen. 2,402,836; June 25.
Die. J. R. Salazar. 2,394,876; Feb. 12.
Die, Adjustable. E. L. Ramstedt. 2,411,291; Nov. 19.
Die and mount assembly, Forging. F. H. Wyman and J. M. Malik. 2,408,542; Oct. 1.
Die and removing molded articles therefrom, Molding. E. Gronemeyer. 2,404,631; July 23.
Die casting apparatus. G. L. Cherry and C. C. Veale. 2,393,588; Jan. 29.
Die for extruding organic plastics, Longitudinal slipper. J. Bailey and H. A. Pratt. 2,399,615; May 7.
Die holder. F. Judge. 2,401,305; June 4.
Die, Metal drawing. F. Anderson. 2,395,651; Feb. 26.
Die set. A. Grunow. 2,405,825; Aug. 13.
Die set and manufacture thereof. K. Janiszewski. 2,399,188; Apr. 30.

Diestock. H. O. Olsen. 2,395,753; Feb. 26.
Die with variable contour, Cutting. S. Azzara. 2,411,016; Nov. 12.
Dieing out machine. G. F. Ryan. 2,401,800; June 11.
Dies, Cooling means for air hammer. G. C. Whitman. 2,402,794; June 25.
Dies for the injection molding of plastics, Making. E. G. Toureda. 2,397,168; Mar. 26.
Dies from powdered metalurgy, Producing. L. H. Morin. 2,413,512; Dec. 31.
Dies, Making. F. W. Terhaar. 2,402,788; June 25.
Dielectric and insulating composition. F. M. Clark. 2,410,714; Nov. 5.
Dielectric composition. M. Baer. 2,403,205; July 2.
Dielectric composition and making same. M. Baer. 2,403,206; July 2.
Dielectric fluids. P. M. Gross, M. Hobbs, and C. K. Bratsher. 2,394,442; Feb. 5.
Dielectric material. J. N. Detrick. 2,394,670; Feb. 12.
Dielectric material and making same. E. Walner. 2,394,030; Feb. 5.
Dielectric shapes, Manufacture of. G. Smolak. 2,407,520; Sept. 10.
Diene dimer. T. F. Doumani and R. Deery. 2,401,414; June 4.
Dienes, Preparation of conjugated. T. F. Doumani and R. Deery. 2,409,259; Oct. 15.
Diesel engine. N. G. Baker. 2,412,028–9; Dec. 3.
Diesel engine and operating same. C. N. Guerasimoff. 2,408,394; Oct. 1.
Dietary supplement and making, Vitamin and mineral. C. N. Andersen. 2,410,417; Nov. 5.
Diethers of the glycols, Preparation of. C. E. Staff. 2,397,514; Apr. 2.
Diethyl stilbestrol compounds, Synthesis of. M. R. Salmon and M. Rubin. 2,393,570; Jan. 22.
Differential convertible gasoline-Diesel engine. L. N. Miller. 2,405,596; Aug. 13.
Differential coupling arrangement. M. Fuchs. 2,397,543; Apr. 2.
Differential locking means. E. T. Barron. 2,409,729; Oct. 22.
Differential, Positive drive. N. C. Bement. 2,405,732; Aug. 13.
Differential pressure across valves, Maintaining constant. R. P. Moore. 2,396,962; Mar. 19.
Differential pressure gauge. R. Beck. 2,403,256; July 2.
Differential pressure responsive device. B. Jones. 2,400,048; May 7.
Differential speed responsive device. H. M. McCoy. 2,399,685; May 7.
Diffraction grating tool. R. D. Doner. 2,404,222; July 16.
Diffuser. J. W. Ridgway. 2,399,826; May 7.
Diffusing projector lamp. R. E. Smith. 2,394,495; Feb. 5.
Digester unit. J. J. De La Roza, Sr. 2,410,964; Nov. 12.
Digger, Post-hole. L. J. Beyerink. 2,403,041; July 2.
Digging attachment for tractors, Post hole. T. T. Lamme. 2,410,508; Nov. 5.
Digging machine, Trench. A. C. Howard. 2,403,367; July 2.
Dihaloalkanes and related products, Preparation of. W. F. Gresham. 2,405,948; Aug. 20.
Dihydric alcohols, Recovery of. M. Senkus. 2,406,713; Aug. 27.
Dihydroimidazoles, Substituted. L. P. Kyrides. 2,392,326; Jan. 8.
Dihydroisophoryl thiocyano esters and compositions containing same. P. H. Williams. 2,394,280; Feb. 5.
Dihydronordicyclopentadienyl ethers of hydroxycarboxylic acid esters. H. A. Bruson. 2,400,873; May 28.
Dihydronordicyclopentadienyl ethers of nitro alcohols. H. A. Bruson. 2,393,611; Jan. 29.
Dihydronordicyclopentadienyl mono-ethers of polyhydric alcohols. H. A. Bruson. 2,393,609; Jan. 29.
Dihydronorpolycyclopentadienyl isothiocyanates. H. A. Bruson. 2,395,455; Feb. 26.
Dihydroquinoline condensation product. C. F. Gibbs. 2,400,500; May 21.
Diketones and related products from technical liquors containing diketones, Recovery of. D. S. Calder and K. H. Fleer. 2,401,335; June 4.
Dilatometer structure. H. W. Dietert. 2,409,669; Oct. 22.
Dilution system, Automatic. L. T. Miller. 2,408,265; Sept. 24.
Dimension gauge. J. B. Hall. 2,410,877; Nov. 12.
Dimension testing gauge. S. Wilkinson and A. Green. 2,410,697; Nov. 5.
Dimensional picture, Three. M. A. Knauff. 2,404,136; July 16.
Dimpling tool. R. A. Hawn and I. W. Lacher. 2,400,412; May 14.
Dinitro compounds and preparation thereof, Unsaturated. E. M. Nygaard and T. T. Noland. 2,396,282; Mar. 12.
Dinitroethyleneurea, Making. G. V. Caesar and M. Goldfrank. 2,400,288; May 14.
Diolefin isomers, Separation of conjugated. D. Craig. 2,403,054; July 2.
Diolefin preparations. F. E. Frey. 2,396,416; Mar. 12.
Diolefines sulphones, Preparation of. G. W. Hooker, L. R. Drake, and S. C. Stowe. 2,402,891; June 25.
Diolefinic hydrocarbons by reaction of an alcohol with an acetylenic hydrocarbon, Production of. V. N. Ipatieff and H. Pines. 2,410,445; Nov. 5.
Diolefins by azeotropic distillation, Separation of. T. W. Evans, R. C. Morris, and E. C. Shokal. 2,408,922; Oct. 8.
Diolefins, Concentration of. J. W. Packie and W. S. Craft. 2,411,588; Nov. 26.
Diolefins from hydrocarbon mixtures, Separation of. W. A. Schulze and G. H. Short. 2,401,114; May 28.
Diolefins, Manufacture of. F. E. Frey. 2,402,277; June 18.
Diolefins, Manufacture of. J. P. Jones. 2,396,854; Mar. 19.
Diolefins, Producing. M. P. Matuszak. 2,394,625; Feb. 12.
Diolefins, Producing and concentrating. F. E. Frey and R. D. Snow. 2,407,825; Sept. 17.
Diolefins, Production of. J. P. Jones. 2,401,872; June 11.
Diolefins, Treatment of. J. D. Upham. 2,399,837; May 7.
Dioxolane, Modified polymers of. D. J. Loder and W. F. Gresham. 2,394,862; Feb. 12.
Dioxolane polymers, Preparation of. W. F. Gresham. 2,396,205; Feb. 19.
Diphenylamine azo dyestuffs. R. P. Parker, and C. M. Hofmann. 2,392,181; Jan. 1.
Di-P-isobutyl sebacate. G. Kesslin and L. Nicholl. 2,403,804; July 9.
Dipper trip mechanism. R. A. Beckwith. 2,395,031; Feb. 19.
Direct current saturated inductance with relay action. U. Lamm. Re. 22,768; June 25.
Direct fired unit heater. A. A. Olson. 2,404,592; July 23.
Direct reading sound pressure meter. F. M. Wiener and R. L. Wallace, Jr. 2,395,309; Feb. 19.
Direction-controlling mechanism for guns. G. P. S. Cross. 2,407,871; Sept. 17.
Direction determining system. E. E. Turner, Jr. 2,407,330; Sept. 10.
Direction finder. G. S. Burroughs. 2,406,798; Sept. 3.
Direction finder. L. E. Norton. 2,398,551–2; Apr. 16.
Direction finder, Electronic rotation. H. G. Busignies. 2,408,039; Sept. 24.
Direction finder, Instantaneous visual. H. G. Busignies. 2,408,041; Sept. 24.
Direction finder, Phase type direct indicating. M. K. Goldstein. 2,405,203; Aug. 6.
Direction finder, Radiated-signal. J. K. Johnson and H. A. Wheeler. 2,407,281; Sept. 10.
Direction finder, Radio. P. C. Sandretto and E. P. Buckthal. 2,406,406; Aug. 27.
Direction finder receiver, Distorting. H. G. Busignies. 2,408,040; Sept. 24.
Direction finder, Wave-signal. H. M. Lewis. 2,397,746; Apr. 2.
Direction finder with filter. H. G. Busignies. 2,407,800; Sept. 3.
Direction finder with single receiver, Heterodyne. W. H. Wirkler. 2,408,122; Sept. 24.
Direction finders, Method and apparatus for medium high frequency. W. H. Wirkler. 2,393,353; Jan. 22.
Direction finding procedure. F. L. De Muth. 2,391,883; Jan. 1.
Direction finding system. H. T. Budenbom. 2,407,649; Sept. 17.
Direction finding system. G. Guanella. 2,413,620; Dec. 31.
Direction finding system. W. P. Lear. 2,393,644; Jan. 29.
Direction-finding system. A. V. Loughren. 2,403,727; July 9.
Direction finding system with frequency shift. W. H. Wirkler. 2,408,121; Sept. 24.
Direction indicating device. B. D. Loughlin. 2,413,637; Dec. 31.
Direction-indicating system. B. D. Loughlin. 2,406,468; Aug. 27.
Direction indicator. S. M. Marcus. 2,402,255; June 18.
Direction method and system, Radio. E. M. Deloraine and E. Labin. 2,408,048; Sept. 24.
Director, Torpedo. R. E. Crooke. 2,403,505; July 9.
Dirt scraping and carrying vehicle. G. A. Vaughn. 2,399,838; May 7.
Disazo and polyazo benzidine type dyestuffs. F. Straub and J. Brassel. 2,404,198; July 16.
Disazo dyestuffs. H. Z. Lecher, R. P. Parker, and J. J. Denton. 2,394,246; Feb. 5.
Disazo dyestuffs and making same. W. Anderau. 2,411,646; Nov. 26.
Discharge apparatus, Electric. A. M. Skellett. 2,407,296; Sept. 10.
Discharge apparatus, Electric. R. M. Smith. 2,403,130; July 2.
Discharge apparatus, Electron. W. G. Shepherd. 2,401,777; June 11.
Discharge apparatus, Electron. A. M. Skellett. 2,407,297–8; Sept. 10.

Discharge apparatus, Electronic. W. P. Overbeck. 2,404,920; July 30.
Discharge device. E. B. Noel. 2,398,111; Apr. 9.
Discharge device. J. H. Stroop. 2,409,647; Oct. 22.
Discharge device and associated circuit, Electron. A. V. Haeff. 2,400,753; May 21.
Discharge device and cathode therefor. W. W. Watrous, Jr. 2,396,807; Mar. 19.
Discharge device and fabrication, Electric. T. G. Crawford. 2,399,004; Apr. 23.
Discharge device, Electric. P. W. Crapuchettes. 2,399,003; Apr. 23.
Discharge device, Electric. J. W. Fulton. 2,400,345; May 14.
Discharge device, Electric. T. M. Liimatainen. 2,411,046; Nov. 12.
Discharge device, Electrical. R. H. Williams. 2,401,998; June 11.
Discharge device, Electrical gaseous. P. W. Stutsman. 2,404,413; July 23.
Discharge device, Electron. G. P. Chevigny and E. Labin. 2,402,600–1; June 25.
Discharge device, Electron. J. W. Clark. 2,402,147; June 18.
Discharge device, Electron. S. H. Dodington. 2,402,612; June 25.
Discharge device, Electron. A. V. Haeff. 2,399,223; Apr. 30.
Discharge device, Electron. A. V. Haeff. 2,400,752; May 21.
Discharge device, Electron. G. R. Kilgore. 2,401,740; June 11.
Discharge device, Gaseous. P. H. Craig. 2,405,089; July 30.
Discharge device, High-voltage. C. M. Slack, L. F. Ehrke, and C. E. Dawley. 2,409,716; Oct. 22.
Discharge device of the magnetron type, Electron. R. C. Schmidt. 2,413,385; Dec. 31.
Discharge device, Space. H. Olken. 2,402,664; June 25.
Discharge device, Space. P. L. Spencer. 2,408,238–9; Sept. 24.
Discharge device, Space. A. E. Stafford. 2,404,803; July 30.
Discharge devices, Fabricating electric. T. G. Crawford. 2,399,005; Apr. 23.
Discharge lamp, cut-out device and manufacture. A. H. Laidig. 2,393,253; Jan. 22.
Discharge system, Septic tank clear water. R. L. Zabel. 2,406,523; Aug. 27.
Discharging apparatus. M. Meyerbach. 2,397,192; Mar. 26.
Discharging device, Liquid. J. D. Strobell. 2,410,692; Nov. 5.
Disconnect device. N. B. Murphy. 2,399,821; May 7.
Disconnecting switch. J. S. Thompson. 2,413,200; Dec. 24.
Disconnector for electric terminal blocks. E. G. Johansson. 2,407,372; Sept. 10.
Discriminator, Frequency. M. E. Bond. 2,404,359; July 23.
Discriminator, Frequency. E. S. Purington. 2,392,693; Jan. 8.
Discriminator, Pulse. E. Labin and D. D. Grieg. 2,408,079; Sept. 24.
Discriminator-rectifier circuit. W. R. Koch. 2,410,983; Nov. 12.
Disengaging coupling. A. Bechler. 2,403,208; July 2.
Dish and toast rack, Combination covered butter. T. L. Daniels. 2,406,669; Aug. 27.
Dish drier. H. L. Card. 2,411,365; Nov. 19.
Dish holder. T. J. Van Alstyne. 2,398,060; Apr. 9.
Dish supporting bracket. A. T. Kieft. 2,392,091; Jan. 1.
Dishwasher. H. E. S. Hiort af Ornäs. 2,395,968; Mar. 5.
Dishwasher, House type. C. O. Kauffman. 2,404,147; Aug. 6.
Dishwashing device. M. M. Brock. 2,407,533; Sept. 10.
Dishwashing machine. W. N. Harris. 2,403,526; July 9.
Dishwashing machine. L. A. Loeb. Re. 22,809; Nov. 5.
Dishwashing machine. L. A. Loeb. 2,395,747; Feb. 26.
Disher, Ice cream. B. F. and E. E. Lawrence. 2,412,050; Dec. 3.
Disinfectants. W. H. Tisdale, and I. Williams. Re. 22,750; Apr. 30.
Disinfecting and preserving compositions. W. Hentrich and W. Kaiser. 2,410,497; Nov. 5.
Disintegrating head. M. C. Rawson. 2,403,193; July 2.
Disintegrator drill. R. C. Dawson, R. Couch, Jr., and V. A. Prange. 2,399,212; Apr. 30.
Disintegrator, Paper stock. J. Inglis. 2,394,182; Feb. 5.
Disk, Abrasive. R. W. Hackett. 2,398,224; Apr. 9.
Disk and tool shank, Detachable screw-cutting. C. Lieblein. 2,408,565; Oct. 1.
Disk brake. H. T. Lambert. 2,405,219; Aug. 6.
Disk for timing systems, Lock. A. L. Denniston and S. H. Martin. 2,405,818; Aug. 13.
Disk grinding stand. R. Friez. 2,396,843; Mar. 19.
Disk mounting. J. Mader. 2,406,553; Aug. 27.
Disk, Reinforced buoyant rubber. H. Pfleumer. 2,404,594; July 23.
Disks, Producing toothed. H. G. Keller. 2,397,356; Mar. 26.

Dispenser: *See*—
Adhesive tape dispenser.
Article dispenser.
Beverage container and dispenser.
Bottled drink dispenser.
Cooling agent dispenser.
Definite-length adhesive tape dispenser.
Grease dispenser.
Hygroscopic dispenser.
Incense dispenser.
Liquid dispenser.
Measuring dispenser.
Non-friction bearing ball dispenser.
Pocket dispenser.
Push-button pump type soap dispenser.
Sugar dispenser.
Tape dispenser.
Toilet roll dispenser.

Dispenser. D. Zanolli. 2,404,119; July 16.
Dispenser and applier, Adhesive tape. A. A. Anderson. 2,407,641; Sept. 17.
Dispenser container. H. F. Kirkwood. 2,392,535; Jan. 8.
Dispenser control, Bead. D. H. Clark. 2,407,628; Sept. 17.
Dispenser for sheet material. C. A. Flood. 2,394,991; Feb. 19.
Dispenser unit, Portable. H. J. McDargh, Jr. 2,411,220; Nov. 19.
Dispensers, Valve for. V. V. Vale and E. S. True. 2,401,391; June 4.
Dispensing apparatus. C. V. Di Pietro. 2,401,915; June 11.
Dispensing apparatus. D. J. Evans. 2,396,043; Mar. 5.
Dispensing apparatus. A. C. Stepan, Jr. 2,402,707; June 25.
Dispensing apparatus. R. H. Tull. 2,403,470; July 9.
Dispensing apparatus, Fluid. W. H. De Lancey. 2,413,036; Dec. 24.
Dispensing apparatus, Fluid medium. W. H. Freygang. Re. 22,721; Feb. 12.
Dispensing apparatus, Gas. R. E. Poethig. 2,405,846; Aug. 13.
Dispensing apparatus, Liquid. N. Softis. 2,398,727; Apr. 16.
Dispensing appliance. W. M. Larson. 2,392,676; Jan. 8.
Dispensing container. C. S. Beardsley. 2,410,923; Nov. 12.
Dispensing container. H. Fleisher and J. Homer. 2,409,933; Oct. 22.
Dispensing container. J. H. Percy. 2,393,262; Jan. 22.
Dispensing device. J. R. Clem. 2,407,402; Sept. 10.
Dispensing device. J. A. Gits. 2,399,016; Apr. 23.
Dispensing device. T. F. Hamilton. 2,393,370; Jan. 22.
Dispensing device. P. R. Nelson and R. C. Phillips. 2,400,435; May 14.
Dispensing device. P. A. Wooster. 2,411,917; Dec. 3.
Dispensing device, Deodorant. S. J. Benn. 2,406,314; Aug. 27.
Dispensing device, Fluid. A. L. Parker. 2,399,245; Apr. 30.
Dispensing device, Fluid pressure media. S. C. Marsh. 2,410,830; Nov. 12.
Dispensing device for scales, Scoop. A. Bocchicchio. 2,408,906; Oct. 8.
Dispensing device, Gas. H. L. Norway. 2,400,569; May 21.
Dispensing device, Liquid. G. W. Fouke. 2,400,084; May 14.
Dispensing device, Liquid. S. Kirschenbaum. 2,411,435; Nov. 19.
Dispensing device, Liquid. C. F. Prangley. 2,400,888; May 28.
Dispensing device, Tiltable trap chamber measuring. M. L. Meyer. 2,407,377; Sept. 10.
Dispensing machine. H. P. Compton and J. A. Autry. 2,400,104; May 14.
Dispensing machine, Tape. L. Walters. 2,406,418; Aug. 27.
Dispensing means for containers. W. A. and W. W. Smith. 2,394,942; Feb. 12.
Dispensing mechanism, Cup. W. Von Stoesser. 2,407,968; Sept. 17.
Dispensing mechanism for mixing tanks, Ingredient. W. F. Gayring. 2,410,873; Nov. 12.
Dispensing system. E. S. Engle. 2,401,417; June 4.
Dispensing system. T. H. Whaley, Jr. 2,402,355; June 18.
Dispensing system, Liquefied petroleum gas. H. L. Norway. 2,400,570; May 21.
Dispensing tube. J. Pepin. 2,398,505; Apr. 16.
Dispensing valve. W. F. Hurlburt. 2,392,741; Jan. 8.
Dispersion. V. L. Hansley. 2,394,608; Feb. 12.
Dispersions and forming shaped articles, Stabilized. P. M. Travis. 2,404,008; July 16.
Dispersions and their use. T. H. Rogers, Jr. 2,396,607; Mar. 12.
Dispersions, Making coupler. R. V. Young. 2,401,718; June 4.
Displacement apparatus. R. D. Delamere. 2,410,341; Oct. 29.
Display box. R. E. Fink. 2,412,450; Dec. 10.
Display box. H. L. Magill. 2,402,062; June 11.
Display character. A. Zicke. 2,406,124; Aug. 20.
Display device. F. Burchell and B. Ivins. 2,393,969–70; Feb. 5.
Display device. J. V. Horr. 2,395,122; Feb. 19.
Display device. J. Hutchinson. 2,410,975; Nov. 12.
Display device. R. C. Pollock. 2,404,089; July 16.

Display device. E. L. Wathen. 2,407,592; Sept. 10.
Display device, Advertising. W. Stubbins. 2,405,376; Aug. 6.
Display-device and household rack. M. Rosenblatt. 2,398,858; Apr. 23.
Display device, Collapsible. W. D. Rudy. 2,399,143; Apr. 23.
Display device for use in determining the shade of finger nail polish. I. Harris. 2,393,371; Jan. 22.
Display device, Pictorial. B. Nitzberg. 2,401,436; June 4.
Display form. R. A. Schramm and E. S. Wisniewski. 2,397,813; Apr. 2.
Display, Framed. N. Burr. 2,395,369; Feb. 19.
Display holder. J. C. Feeney and W. B. Banks. 2,405,780; Aug. 13.
Display, Knockdown. G. F. Pergande. 2,395,578; Feb. 26.
Display, Lattice. N. Burr. 2,400,914; May 28.
Display rack. W. L. Burkhard. 2,400,807; May 21.
Display rack. R. E. Fast. 2,399,337; Apr. 30.
Display table. R. A. Bloom. 2,409,925; Oct. 22.
Displaying and changing musical score, Novel or improved means for use more especially in. B. N. Carrington. 2,401,612; June 4.
Dissipator, Energy. J. E. Keister. 2,399,930; May 7.
Dissolving apparatus. D. W. Kaufman. 2,402,636; June 25.
Distance and direction determination system. I. Wolff. 2,407,198; Sept. 3.
Distance and direction finding. R. W. Hart. 2,407,663; Sept. 17.
Distance and direction finding, Method and means for. R. W. Hart. 2,407,273; Sept. 10.
Distant control. N. E. Walker. 2,409,168; Oct. 8.
Distant-control device, Electrically operated. A. Arnot. 2,408,543; Oct. 1.
Distance measuring system. W. J. Brown and J. E. Shomer. 2,405,134; Aug. 6.
Distillation. J. C. Pernert. 2,392,862; Jan. 15.
Distillation. J. C. Pernert. 2,400,947; May 28.
Distillation apparatus, Collapsible. W. R. P. Delano. 2,398,291; Apr. 9.
Distillation apparatus, Fractional. W. E. Scovill and T. J. Walsh. 2,398,807; Apr. 23.
Distillation apparatus, Solar. W. R. P. Delano and W. E. Meissner. 2,405,118; Aug. 6.
Distillation apparatus, Vacuum. K. C. D. Hickman and E. S. Perry. 2,403,978; July 16.
Distillation of polymerizable compounds. E. R. Erickson. 2,397,653; Apr. 2.
Distillation products of acylated shell liquids and making same. E. E. Novotny and G. K. Vogelsang. 2,401,095; May 28.
Distillation system. H. I. Lea. 2,398,836; Apr. 23.
Distillation with furfural, Extractive. V. Scarth. Re. 22,811; Nov. 12.
Distillery slop, Treating. E. C. Pattee. 2,391,918; Jan. 1.
Distilling apparatus, Solar. W. R. P. Delano. 2,398,292; Apr. 9.
Distortion, Prevention of. H. Romander. 2,393,936; Jan. 29.
Distributing apparatus. W. C. Ewaldson. 2,407,542; Sept. 10.
Distributing hay in barns. E. R. Wallace. 2,397,894; Apr. 2.
Distributing system, Call. B. D. Holbrook and M. A. Logan. 2,405,214; Aug. 6.
Distributing system, Fluid. L. B. Green. 2,402,280; June 18.
Distribution system. L. M. Potts. 2,395,428; Feb. 26.
Distribution system for high-temperature pebble bed furnaces, Fuel. F. M. Wolf. 2,408,282; Sept. 24.
Distributor. G. B. Carson. 2,399,165; Apr. 30.
Distributor. T. H. Clark. 2,402,603; June 25.
Distributor. J. R. Harkness. 2,399,022; Apr. 23.
Distributor, Bullet. C. W. Yates and K. J. Yost. 2,402,110; June 11.
Distributor, Fertilizer. J. Blue. 2,396,980; Mar. 19.
Distributor, Fertilizer. H. E. Grether. 2,405,824; Aug. 13.
Distributor for dust applying mechanisms. G. S. Messinger. 2,400,703; May 21.
Distributor for stokers. S. B. Yates. 2,408,358; Sept. 24.
Distributor, Ignition. J. R. Harkness. 2,399,023; Apr. 23.
Distributor, Impulse. E. A. Ford. 2,401,419; June 4.
Distributor, Polarity reversing. H. Ford and E. Zoerlein. 2,402,543; June 25.
Distributor, Signal. S. J. Elliott, O. M. Hovgaard, R. F. Mallina, and F. M. Thomas. 2,409,617; Oct. 22.
Disturbing influence detecting element. G. Muffly. 2,412,742; Dec. 17.
Dive angle indicator. R. R. Vought and E. R. Bergmark. 2,397,712; Apr. 12.
Divider attachment. G. J. Young. 2,402,000; June 11.
Divider, Frequency. W. A. Miller and E. R. Shenk. 2,399,135; Apr. 23.
Divider, Frequency. E. Norrman. 2,410,389; Oct. 29.
Divider, Light. G. L. Dimmick. 2,392,978; Jan. 15.
Dividing machine, Dough. H. W. Bowker. 2,408,602; Oct. 1.
dl-Tocopherolester. J. A. Aeschlimann. 2,393,134; Jan. 15.
Dl-Tocopherols and the manufacture of same. P. Karrer and O. Isler. 2,411,967; Dec. 3.
Docking device. H. F. McClain. 2,401,878; June 11.
Document, Record bearing. E. D. de Gruchy. 2,395,804; Mar. 5.
Doffing and donning apparatus. J. H. Daughdrill and R. F. Jessen. 2,412,444; Dec. 10.
Doffing mechanism. J. W. Weber. 2,398,732; Apr. 16.
Dog clutch. C. M. Jameson. 2,405,698; Aug. 13.
Dog house, Prefabricated. J. J. Laturn. 2,410,221; Oct. 29.
Doll. W. Seidler. 2,396,441; Mar. 12.
Doll and constructing same, Alternating cloth. H. F. and H. M. Chu. 2,406,994; Sept. 3.
Doll, Jointed mannequin. M. Geller. 2,407,367; Sept. 10.
Dolly. A. G. Harris. 2,397,315; Mar. 26.
Dolly, Airplane lift. C. P. Baum. 2,393,602; Jan. 29.
Dolly for moving columns. G. D. Hulburt and R. E. Conaway. 2,397,317; Mar. 26.
Dolly, Riding. A. G. Schramm. 2,410,241; Oct. 29.
Dolly, Wheel. R. O. Ray. 2,392,409; Jan. 8.
Dolomite and high-calcic limestones, Treatment of. W. H. MacIntire. 2,403,939; July 16.
Domestic appliance. K. Clark. 2,405,404; Aug. 6.
Domestic appliance. K. Clark. 2,406,198; Aug. 20.
Domestic appliance. K. Clark. 2,408,509; Oct. 1.
Domestic appliance. J. B. Dyer. 2,392,652; Jan. 8.
Domestic appliance. J. B. Dyer. 2,411,960; Dec. 3.
Domestic appliance. D. K. Ferris. 2,406,494; Aug. 27.
Domestic appliance. J. W. Jacobs. 2,409,434; Oct. 15.
Domestic appliance. F. H. McCormick. 2,404,139; July 16.
Door: *See*—
Automatic overhead door.
Bifold canopy door.
Folding door.
Landing gear housing door.
Sliding car door.
Solenoid locked push door.
Vending machine door.
Water-cooled furnace door.
Door actuating mechanism. V. E. Forrest. 2,411,369; Nov. 19.
Door and affiliated mechanism, Overhead. C. Buehner. 2,401,857; June 11.
Door and operating means therefor. D. H. Morgan. 2,407,674; Sept. 17.
Door and post structure, Railway car. A. Wasberg. 2,404,554; July 23.
Door apparatus for dental units and the like. D. J. Binus. 2,396,311; Mar. 12.
Door check. M. Tykeson. 2,411,481; Nov. 19.
Door closing device. G. W. Siopa. 2,394,878; Feb. 12.
Door construction. D. C. Crawford. 2,399,169; Apr. 30.
Door construction. F. A. Guth. 2,409,037; Oct. 8.
Door construction, Car. J. Christiansen. 2,397,335; Mar. 26.
Door construction for cushioned cells. J. E. Creech. 2,397,926; Apr. 9.
Door construction, Oven. E. D. Hillebrand. 2,394,176; Feb. 5.
Door equipment, Garage. W. D. Ferris and C. R. Wolf. 2,405,821; Aug. 13.
Door hinge, Concealed. C. J. Petersen. 2,395,501; Feb. 26.
Door-hinging, door-checking, and door-holding device, Combined. R. I. Schonitzer. 2,405,719; Aug. 13.
Door holder. C. N. Sibley and F. Wiesler. 2,398,602; Apr. 16.
Door latch. R. C. Cerf. 2,407,133; Sept. 3.
Door latch. G. R. Feuerlein. 2,405,027; July 30.
Door latch. J. C. Irwin. 2,410,347; Oct. 29.
Door latch operating mechanism. M. Falk. 2,401,559; June 4.
Door lock. C. A. Hillgren. 2,403,597; July 9.
Door lock. F. C. Schock. 2,394,719; Feb. 12.
Door lock. R. F. Smith. 2,411,941; Dec. 3.
Door lock. M. Spinello. Re. 22,766; June 11.
Door opening and closing device. T. Madland. 2,412,346; Dec. 10.
Door operating apparatus. H. B. Clark. 2,412,871; Dec. 17.
Door operating mechanism, Overhead. E. N. Rosenberg. 2,402,296; June 18.
Door or window construction. W. L. Gould. 2,396,648; Mar. 19.
Door stop, Freight car. K. F. Nystrom and V. L. Green. 2,413,575; Dec. 31.
Doors, especially for cells, gratings, and the like. F. Adam. 2,393,276; Jan. 22.
Doors, Sealed. H. J. Buttner. 2,406,942; Sept. 3.
Doors, Sealing. W. D. Rossiter. 2,401,965; June 11.
Dope or holders for diamonds and like tool pieces for grinding or polishing purposes. F. C. Jenrum. 2,394,242; Feb. 5.
Double-acting check valve. C. D. K. Bliss. 2,396,037; Mar. 5.
Double-acting engine. R. E. Heald. 2,404,906; July 30.
Double-acting pump. W. A. Finley. 2,392,655; Jan. 8.
Double-casing high-pressure pump. E. Hart. 2,408,637; Oct. 1.
Double check unloading valve. E. A. Rockwell. 2,395,941; Mar. 5.

Double clutch. W. V. Thelander, E. M. De Coursey, W. O. Bechman, and W. W. Henning. 2,406,414; Aug. 27.
Double deck vehicle. F. J. Dittrich. 2,405,136; Aug. 6.
Double exposure prevention device. M. R. Hutchison, Jr. 2,394,614; Feb. 12.
Double point drafting device. C. R. Howard. 2,394,452; Feb. 5.
Double-throw switch. W. C. Anderson. 2,405,005; July 30.
Double walled container. F. Gettelman. 2,404,484; July 23.
Doubler, Frequency. W. T. Brown. 2,406,739; Sept. 3.
Douche receptacle. J. Shapiro. 2,410,367; Oct. 29.
Dough dividing machine. A. R. Palmer. 2,408,679; Oct. 1.
Dough, System of feeding and assorting balls of. C. L. Schulz. 2,399,894; May 7.
Dough twisting machine. J. Buechek. 2,405,684; Aug. 13.
Dowel bar protector. R. A., Sr., and E. E. McGrath. 2,408,989; Oct. 8.
Downspout for bubble trays. C. G. Gerhold. 2,394,679; Feb. 12.
Downspout or conductor pipe, Attaching. P. L. Conaway. 2,396,086; Mar. 5.
Draft arrangement, Locomotive. A. B. Harris and G. M. Baker. 2,394,173; Feb. 5.
Draft connection. W. Gatewood. 2,396,093; Mar. 5.
Draft gear. J. R. Cardwell. 2,402,146; June 18.
Draft gear. G. E. Dath and R. J. Olander. 2,403,585; July 9.
Draft gear. A. J. Kashubeck, H. L. Spence, and J. L. Eler. 2,395,187; Feb. 19.
Draft mechanism for railway cars. A. Campbell. 2,408,195; Sept. 24.
Draft producing apparatus. S. Kneass, Jr. 2,397,870; Apr. 2.
Draft regulating apparatus for coal burning furnaces. H. C. Edwards. 2,396,777; Mar. 19.
Draft regulator. C. H. Morrow. 2,397,879; Apr. 2.
Drafting instrument. H. Brown. 2,410,864; Nov. 12.
Drafting instrument. O. S. Shaffer. 2,411,981; Dec. 3.
Drafting machine. A. L. Baker. 2,400,733; May 21.
Drafting machine. L. R. Halstead. 2,407,235; Sept. 10.
Drafting machine. R. J. Pomeroy. 2,413,376; Dec. 31.
Drafting machine. V. B. Wallace. 2,394,344; Feb. 5.
Drag, Wing float. C. de Ganahl. 2,402,379; June 18.
Drain and ventilator, Window. F. F. Murray and C. K. MacDonald. 2,397,803; Apr. 2.
Drain attachment for cooking pots. A. Serkes and J. Teska. 2,397,163; Mar. 26.
Drain cock wrench. N. J. Vlass. 2,394,027; Feb. 5.
Drain device for cooling system, Automatic. G. Wood. 2,408,183; Sept. 24.
Drain fitting. N. A. Tornblom. 2,405,927; Aug. 13.
Drain, Flue-liner. E. Berndt. 2,392,631; Jan. 8.
Drain, Window screen. H. C. Freese. 2,407,229; Sept. 10.
Draper. T. G. Mulvany and L. J. Thornton. 2,397,681; Apr. 2.
Drapery bracket. P. H. Kuyper. 2,400,010; May 7.
Drapery mounting. D. R. Falkenberg. 2,409,425; Oct. 15.
Drawbar or hitch for agricultural implements. G. M. Boumphrey. 2,394,744; Feb. 12.
Drawbridge interlocking. R. M. Snyder. 2,409,074; Oct. 8.
Drawer, Filing. W. A. Horne. 2,393,536; Jan. 22.
Drawer structure. E. P. Hamilton. 2,398,528; Apr. 16.
Drawing apparatus, Metal. W. E. Kerr. 2,399,745; May 7.
Drawing frame structure. E. B. Robinson. 2,412,357; Dec. 10.
Drawing frames, Stop motion for. W. J. Scott. 2,399,148; Apr. 23.
Drawing-layout table, Positioning. H. G. Butler. 2,403,338; July 2.
Drawing machine. W. E. Kerr. 2,404,234; July 16.
Drawing press. A. Lefere. 2,403,183; July 2.
Drawings, Device for use in the making of. R. Richards. 2,401,105; May 28.
Dredging device. C. W. Holland. 2,411,685; Nov. 26.
Dress, Convertible midriff. T. Oresman. 2,405,368; Aug. 6.
Dresser, Grinding wheel. R. A. Thompson. 2,404,148; July 16.
Dresser, Grinding wheel edge. W. F. Dalzen. 2,403,266; July 2.
Dresser, Radius and angle. G. N. Weaver. 2,395,598; Feb. 26.
Dressing device, Grinding wheel. E. Brocker. 2,403,945; July 2.
Dressing device or grinding wheels. J. J. Schantz. 2,398,451; Apr. 16.
Dressing, Interchangeable surgical neck. J. Schaffer. 2,402,780; June 25.
Dressing machine. J. A. Costelow. 2,402,734; June 25.
Dressing mechanism. P. F. Barker, H. G. Hartman, C. T. Galloway, and B. M. Kunes. 2,409,240; Oct. 15.
Drier: *See*—
Clothes drier.
Dish drier.
Fishline drier.
Food drier.
Hosiery drier.
Sock drier.
Drier. C. E. Blanchard. 2,405,813; Aug. 13.
Drier. C. M. Doyle. 2,412,133; Dec. 3.
Drier. D. M. Duncan, F. S. Wright, A. S. Jackson, and C. A. Heyne. 2,393,521; Jan. 22.
Drier. K. Engler, E. L. Barger, and A. H. Thompson. 2,407,636; Sept. 17.
Drier. W. H. Joyce, Jr. 2,411,792; Nov. 26.
Drier for aggregates and the like. I. J. Overman. 2,411,751; Nov. 26.
Drier for decorated ware. D. G. Merrill. 2,409,298; Oct. 15.
Drift indicator. I. Wolff. 2,403,625; July 9.
Drill: *See*—
Center drill.
Compressed air-driven drill.
Core drill.
Disintegrator drill.
Earth drill.
Grain drill.
Portable electric drill.
Reversible close quarter drill.
Rock drill.
Star drill.
Twist drill.
Drill. J. Bullock. 2,405,110; Aug. 6.
Drill. F. G. Gepfert. 2,404,048-9; July 16.
Drill. S. E. Melnert. 2,393,550; Jan. 22.
Drill-bit carrier. J. H. Simmons and H. E. Spencer. 2,398,896; Apr. 23.
Drill bits, Process and apparatus for making. P. Liddicoat. 2,401,834; June 11.
Drill case. M. D. Nissenbaum. 2,403,825; July 9.
Drill jigs, Making molded. M. D. Basolo. 2,392,804; Jan. 15.
Driller. W. H. Eichelman. 2,412,211; Dec. 10.
Drilling. K. F. Moller. 2,396,335; Mar. 12.
Drilling and milling device. F. Kocher. 2,395,628; Feb. 26.
Drilling apparatus. J. C. Curtis and E. G. Gartin. 2,407,976; Sept. 24.
Drilling apparatus. W. W. Paget. 2,407,679; Sept. 17.
Drilling apparatus. W. W. Paget. 2,410,458; Nov. 5.
Drilling apparatus, Glass. K. Sommer, P. Maca, E. Edwards, and W. Budig. 2,413,084; Dec. 24.
Drilling apparatus, Well. W. P. Stilley. 2,400,853; May 21.
Drilling device. R. W. Andreasson. 2,409,525; Oct. 15.
Drilling device. S. Shinomiya. 2,410,753; Nov. 5.
Drilling head unit. R. Hodges and J. H. Klasey. 2,395,121; Feb. 19.
Drilling machine. P. De Anguera. 2,398,134; Apr. 9.
Drilling machine. R. V. Hirsch. 2,398,141; Apr. 9.
Drilling machine. C. H. Priest, Jr. 2,397,563; Apr. 2.
Drilling machine. L. Robbins. 2,398,250–1; Apr. 9.
Drilling machine. C. A. Wiken and H. V. Boehnke. 2,396,733; Mar. 19.
Drilling method and fluid for use therein. T. S. Chapman. 2,399,986; May 7.
Drilling unit, Rotary. D. A. Bennett and A. R. Maier. 2,408,264; Oct. 1.
Drive: *See*—
Machine drive.
Drive and control system, Generating electric. T. O. Lillquist. 2,403,933; July 16.
Drive and control system, Ship. C. H. Fike and H. R. Heinzen. 2,403,647; July 9.
Drive and timing mechanism, Shutter. C. M. Carroll. 2,410,629; Nov. 5.
Drive, Automotive. W. Ferris. 2,397,343; Mar. 26.
Drive axle. L. R. Buckendale. 2,392,832; Jan. 15.
Drive coupling. K. Davis. 2,397,538; Apr. 2.
Drive coupling. E. M. D. Herold and F. E. Walling. 2,394,448; Feb. 5.
Drive coupling mechanism. L. H. Scott. 2,393,344; Jan. 22.
Drive device. F. L. Albeu. 2,412,853; Dec. 17.
Drive device, Mechanical. H. W. Goff. 2,406,012; Aug. 20.
Drive device, One-way. W. P. Gallagher. 2,400,818; May 21.
Drive, Diesel electric marine. H. H. Curry and A. M. Dudley. 2,400,979; May 28.
Drive, Engine starter. B. W. Jones. 2,407,158; Sept. 3.
Drive, especially for railway vehicles, Axle. W. B. Dean. 2,405,193; Aug. 6.
Drive for Axminster looms, Pull-over shaft. V. F. Sepavich. 2,412,477; Dec. 10.
Drive for dual propellers, Counter. R. C. Cavallaro. 2,395,610; Feb. 26.
Drive for motion-picture projectors, Sprocket. C. W. Dyer. 2,406,595; Aug. 27.
Drive for multiple axle vehicles. B. G. Donley and G. D. Simonds. 2,395,108; Feb. 19
Drive for oppositely rotating propellers. A. Friedrich. 2,394,299; Feb. 5.
Drive for roller mills, Roller. E. Roth. 2,394,485; Feb. 5.
Drive for super-chargers, Two-speed. G. J. Viviano. 2,406,417; Aug. 27.
Drive for triplex pumps. A. A. Ashton. 2,407,392; Sept. 10.
Drive for web propelling rollers, Friction. A. J. Albrecht. 2,407,239; Sept. 10.
Drive for wire spooling devices, Planetary. C. O. Bruestle. 2,412,440; Dec. 10.
Drive, Irreversible. W. H. Nowell. 2,402,073; June 11.
Drive, Landing wheel. F. H. Fodor. 2,408,163; Sept. 24.

Drive, Magnetic meter. A. L. Coger. 2,399,856; May 7.
Drive mechanism. B. W. Keese. 2,402,637; June 25.
Drive mechanism. F. B. McFarland. 2,409,506; Oct. 15.
Drive mechanism. W. H. Thomason. 2,408,456; Oct. 1.
Drive mechanism. M. Ware. 2,410,556; Nov. 5.
Drive mechanism, Angle. P. M. Griffin. 2,401,240; May 28.
Drive mechanism for driven wheels, Steering. C. C. Brown. 2,408,507; Oct. 1.
Drive mechanism for tire molds. E. A. Glynn. 2,396,781; Mar. 19.
Drive mechanism for washing machines. G. H. Amonsen. 2,396,549; Mar. 12.
Drive mechanism, Fountain inker. A. Taylor and E. W. Worthington. 2,406,928; Sept. 3.
Drive mechanism, Lubricating means for. J. G. Vincent and F. R. McFarland. 2,400,964; May 28.
Drive mechanism, Shutter. C. W. Carroll. 2,398,409; Apr. 16.
Drive structure for crawler tractors, Final. W. O. Bechman, H. A. Land, and R. D. Acton. 2,405,549; Aug. 13.
Drive with magnetic lock, One-way. H. A. Bakke. 2,409,009; Oct. 8.
Driven member for friction clutches. M. Katcher. 2,392,246; Jan. 1.
Driver for electro-acoustic transducers. H. C. Hayes and H. L. Saxton. 2,405,575; Aug. 13.
Driver for helical members. K. B. Geertsema. 2,400,548; May 21.
Driver for tilt-top staples. J. C. Lang. 2,409,049; Oct. 8.
Driver's seat. Q. Berg. 2,391,872; Jan. 1.
Driving and control mechanism. A. F. Bennett and H. W. Jacobson. 2,396,632; Mar. 19.
Driving and control mechanism. G. B. Hirsch. 2,404,439; July 23.
Driving and driven members, Safety connection for. H. A. Boller. 2,402,867; June 25.
Driving attachment for post hole diggers, Post. O. D. Kelly. 2,399,190; Apr. 30.
Driving connections, Eccentric. C. L. Beard. 2,394,741; Feb. 12.
Driving device. S. Zonis. 2,412,114; Dec. 3.
Driving device, Fastener. W. Olson. 2,401,840; June 11.
Driving device for rotary piston machines. P. Sobek. 2,394,337; Feb. 5.
Driving means for roller electrodes and the like. W. Trinks. 2,412,069; Dec. 3.
Driving means for rotary valves of internal-combustion engines, compressors, and the like. F. M. Aspin. 2,407,127; Sept. 3.
Driving mechanism. D. H. Heynau. 2,404,907; July 30.
Driving mechanism. J. B. Kirby. 2,397,869; Apr. 2.
Driving mechanism. J. M. Tyler and S. K. Hoffman. 2,407,114; Sept. 3.
Driving mechanism. W. E. Van Dorn. 2,413,158; Dec. 24.
Driving mechanism for domestic appliances. J. B. Dyer. 2,412,722; Dec. 17.
Driving mechanism for slashers, Beam. A. E. Silcox. 2,405,908; Aug. 13.
Driving mechanism, Hydraulic conveyer. D. M. King. 2,402,056; June 11.
Driving mechanism, Power gun turret. A. Corte. 2,405,642; Aug. 13.
Driving mechanism, Resilient. F. L. Alben. 2,399,306; Apr. 30.
Driving mechanism, Rotary. R. F. Mallina. 2,405,588; Aug. 13.
Driving mechanism, Vehicle. L. R. Buckendale. 2,406,797; Sept. 3.
Driving mechanism, Vehicle. C. L. Eksergian. 2,401,628; June 4.
Driving motors of submersible pumps, Sealing. V. A. Hoover. 2,404,635; July 23.
Driving tool. R. Temple. 2,395,354; Feb. 19.
Driving unit, Multiple. M. Ware. 2,392,015; Jan. 1.
Drop by drop pump. J. P. Tarbox. 2,393,838; Jan. 29.
Dropbomb, Aerial. H. F. Frost, K. H. Thunell, S. D. Vigren, and P. H. E. Claesson. 2,407,936; Sept. 17.
Drop-out process, Half-tone. B. L. Berry. 2,395,986; Mar. 5.
Drosses, Treating antimony. T. R. Jones. 2,401,001; May 28.
Drum cleaning machine. J. Trager. 2,395,593; Feb. 26.
Drum, Drier. L. Hornbostel. 2,412,733; Dec. 17.
Drum having heat-exchange-fluid supply and removable means, Drier. L. Hornbostel. 2,413,567; Dec. 31.
Drum, Heating. J. A. Pendergrass. 2,413,578; Dec. 31.
Drum, Sanding. F. Harris. 2,399,923; May 7.
Drum, Surfacing machine. L. Vavrik. 2,402,191; June 18.
Drums, Curling open-end. W. H. White. 2,413,594; Dec. 31.
Dry-adhesive tape roll dispenser. M. Kahn. 2,400,881; May 28.
Dry-battery torch or flash lamp. H. F. Hedge. 2,401,349; June 4.
Dry cell. H. R. C. Anthony and H. G. Friang. 2,392,795; Jan. 8.
Dry cell. M. E. Wilke. 2,403,571; July 9.
Dry cell and manufacturing same. R. L. Glover. 2,396,693; Mar. 19.
Dry concentrating table. E. A. Glynn. 2,392,914; Jan. 15.
Dry dock, Railway. J. S. Crandall. 2,392,061; Jan. 1.
Dry rosin size and making the same. A. C. Dreshfield. 2,410,433; Nov. 5.
Dry shaver. T. J. Murphy. 2,395,495; Feb. 26.
Dry-shaving apparatus. J. Schwab. 2,395,296; Feb. 19.
Dry size, Preparing a. J. K. Farrell. 2,411,824; Nov. 26.
Drying apparatus. F. J. Broglie. 2,398,880; Apr. 23.
Drying apparatus. H. V. Friedman. 2,394,605; Feb. 12.
Drying apparatus. C. W. Gordon. 2,393,766; Jan. 29.
Drying apparatus. C. E. Koch. 2,404,732; July 23.
Drying apparatus. F. M. McBeth. 2,395,933; Mar. 5.
Drying apparatus or dehydrating plant for the treatment of grass, peat, and other moist substances. H. N. McLeod. 2,397,363; Mar. 26.
Drying apparatus with air desiccating means and automatic regenerating means therefor. R. V. Heuser. 2,411,039; Nov. 12.
Drying, blocking, or stretching device, Clothes. A. S. Parker, Jr. 2,410,230; Oct. 29.
Drying device, Spray. E. Gustafsson and J. W. Baur. 2,399,182; Apr. 30.
Drying line and self locking reel therefor. A. D. Hanna. 2,412,396; Dec. 10.
Drying machine. E. Davis. 2,397,091; Mar. 26.
Drying materials uniformly throughout their mass, Method and apparatus for. J. W. Mann and G. F. Russell. 2,408,434; Oct. 1.
Drying means for screen printing apparatuses, Air. H. Fleisher and G. H. Tillett. 2,393,626; Jan. 29.
Dual carburetor throttle control. J. J. Wharam and J. L. Robertson. 2,391,933; Jan. 1.
Dual control system. B. G. Horstmann. 2,394,384; Feb. 5.
Dual fuel engine. J. C. Barnaby and W. L. Russell. 2,400,219; May 14.
Dual strip feeding apparatus. A. W. Metzner. 2,393,332; Jan. 22.
Dual wheel assembly. C. S. Ash. 2,398,349; Apr. 16.
Dual wheel vehicle. C. S. Ash. 2,398,348; Apr. 16.
Duct, Air distribution. W. G. Richardson. 2,395,233; Feb. 19.
Duct. J. Ledwinka and G. Trautvetter. 2,405,839; Aug. 13.
Ductile tubing connector. R. E. Snyder. 2,406,478; Aug. 27.
Dump, Body. F. Biszantz. 2,402,362; June 18.
Dump truck and latch. W. W. Taylor. 2,405,721; Aug. 13.
Dumping apparatus, Portable cart. A. E. Poulsen. 2,411,228; Nov. 19.
Dumping machine, Box. F. J. McMichael. 2,410,515; Nov. 5.
Duplex control circuit. R. W. Carlson and M. G. Nicholson, Jr. 2,407,399; Sept. 10.
Duplicating and apparatus therefor. H. E. Collins. 2,398,288; Apr. 9.
Duplicating blanks by telefacsimile and the like, Making. H. R. Dalton and A. G. Cooley. 2,398,779; Apr. 23.
Duplicating device, Simplified. I. Stockman. 2,411,475; Nov. 19.
Duplicating machine. C. H. Bradt. 2,403,259; July 2.
Duplicating machine. F. R. Ford. 2,398,888; Apr. 23.
Duplicating machine. F. R. Ford. 2,399,175; Apr. 23.
Duplicating machine. F. R. Ford. 2,399,176; Apr. 30.
Duplicating machine. J. R. Roberts. 2,401,020; May 28.
Duplicating machine and electrical control therefor. J. W. Wilkie and E. G. Franklin. 2,413,274; Dec. 24.
Duplicator, Flat-bed. W. F. O'Gorman. 2,393,402; Jan. 22.
Dust collecting and treating mechanism. W. S. Bowen. 2,391,863; Jan. 1.
Dust collecting composition. M. E. Cupery. 2,407,255; Sept. 10.
Dust collector. R. L. Lincoln. 2,397,022; Mar. 19.
Dust collector. R. L. Lincoln. 2,398,233; Apr. 9.
Dust collector. W. P. Little. 2,394,923; Feb. 12.
Dust collector for tile cutting and similar machines. C. A. Martin. 2,394,556; Feb. 12.
Dust collector system. R. L. Lincoln. 2,393,112; Jan. 15.
Dust gauge. H. W. Sheridan. 2,406,409; Aug. 27.
Dust separator. L. C. Whiton, J. E. Watson, and C. B. McBride. 2,405,625; Aug. 13.
Dusting apparatus. R. R. Root. 2,396,533; Mar. 12.
Dye, Chromable monazo. W. B. Reynolds and S. S. Rossander. 2,396,343; Mar. 12.
Dye developer. G. L. Armour. 2,403,900; July 16.
Dye intermediates. W. E. Hanford, J. E. Kirby, and D. W. Woodward. 2,396,917; Mar. 19.
Dye planographic printing compositions, Direct. C. A. Amick. 2,404,769; July 30.
Dyeing. K. Heyman. 2,394,688–9; Feb. 12.
Dyeing machine. F. Carter and D. C. Taylor. 2,410,336; Oct. 29.
Dyeing process. C. M. Croft and W. H. Hindle. 2,399,627; May 7.
Dyes, Merocyanine. L. G. S. Brooker and H. W. J. Cressman. 2,409,189; Oct. 15.
Dyes, Oil soluble. H. T. Lacey and W. E. Ness. 2,392,158; Jan. 1.
Dyes, Polymethine. L. G. S. Brooker and H. W. J. Cressman. 2,398,999; Apr. 23.

Dyes, Pyrrole. L. G. S. Brooker and R. H. Sprague. 2,409,612; Oct. 22.
Dyestuff, Acid anthraquinone. C. Bamberger. 2,400,188; May 14.
Dyestuff and making same, Vat. T. Holbro, W. Kern, and P. Sutter. 2,408,259; Sept. 24.
Dyestuff, Anthraquinone acid. J. G. Kern. 2,407,704; Sept. 17.
Dyestuff composition. E. W. Clark. 2,406,586; Aug. 27.
Dyestuff intermediates. J. D. Kendall and H. D. Edwards. 2,394,069; Feb. 5.
Dyestuffs and dyestuff intermediates, Cyanine. J. D. Kendall. 2,397,013; Mar. 19.
Dyestuffs and dyestuff intermediates, Sensitizing. J. D. Kendall and D. J. Fry. 2,394,067; Feb. 5.
Dyestuffs and dyestuff intermediates. J. D. Kendall and D. J. Fry. 2,394,068; Feb. 5.
Dyestuffs and making same, Chromable. A. Conzetti and G. Schetty. 2,398,358; Apr. 16.
Dyestuffs and their manufacture, Water-soluble disazo. G. Schetty. 2,399,064; Apr. 23.
Dyestuffs, Anthraquinone. A. Lowe and A. C. Robson. 2,395,229; Feb. 19.
Dyestuffs, Cyanine. J. D. Kendall. 2,397,014; Mar. 19.
Dyestuffs, Cyanine. J. D. Kendall and D. J. Fry. 2,395,879; Mar. 5.
Dyestuffs of the anthraquinone series and making same. S. von Allmen, and H. Eggenberger. 2,412,790; Dec. 17.
Dyestuffs of the anthraquinone series, Preparation of vat. M. A. Perkins and F. R. Johnson. 2,413,514; Dec. 31.
Dyestuffs of the anthraquinone series, Vat. W. Zerweck and E. Honold. 2,392,794; Jan. 8.
Dyestuffs of the idanthrene series, Preparation of. H. Z. Lecher, M. Scalera, and E. M. Hardy. 2,396,582; Mar. 12.
Dyestuffs of the phthalocyanine series and preparing the same. N. H. Haddock. 2,395,117; Feb. 19.
Dyestuffs of the stilbene series and making, Polyazo. W. Hanhart. 2,405,353; Aug. 6.
Dyestuffs, Pyrrole azo. M. Mendoza and M. A. T. Rogers. 2,395,135; Feb. 19.
Dyestuffs, Vat. M. H. Fleysher. 2,400,195; May 14.
Dynamic and static balancing machine. E. L. Schnoebelen. 2,412,473; Dec. 10.
Dynamic balancing machine. J. A. Tolman. 2,394,411; Feb. 5.
Dynamic pressuge gauge. D. Bancroft and R. W. Goranson. 2,398,401; Apr 16.
Dynamo-electric machine. A. Fisher. 2,394,049; Feb. 5.
Dynamoelectric machine. R. F. Hertel. 2,398,638; Apr. 16.
Dynamoelectric machine. S. I. Hitchcock. 2,408,641; Oct. 1.
Dynamoelectric machine. R. Lamborn. 2,399,931; May 7.
Dynamoelectric machine. T. M. Linville. 2,409,503; Oct. 15.
Dynamoelectric machine. H. M. Martin. 2,407,504; Sept. 10.
Dynamoelectric machine. H. Maxwell. 2,396,738; Mar. 19.
Dynamoelectric machine. G. L. Moses and C. A. Atwell. 2,401,011; May 28.
Dynamoelectric machine. M. A. Savage and M. F. Kent. 2,394,110; Feb. 5.
Dynamo-electric machine. R. H. Sullivan. 2,399,768; May 7.
Dynamoelectric machine. R. W. Wieseman. 2,412,851; Dec. 17.
Dynamoelectric machine assembly. H. G. Hamilton, L. C. Pratt, and A. Skrobisch. 2,411,684; Nov. 26.
Dynamoelectric machine, Frameless. B. A. Rose. 2,393,065; Jan. 15.
Dynamoelectric machine, Totally enclosed. H. L. Smith. 2,413,525; Dec. 31.
Dynamoelectric machine ventilating system. L. W. Wightman. 2,394,414; Feb. 5.
Dynamoelectric machines, Cooling. R. D. Ingalls. 2,394,517; Feb. 5.
Dynamometer. J. R. Wrathall and R. L. Findley. 2,394,131; Feb. 5.
Dynamometer roll shields. H. L. Bennett. 2,397,461; Apr. 2.
Dynamometer, Transmission. G. H. Walker. 2,398,167; Apr. 9.
Ear muff. L. Plotsky. 2,405,326; Aug. 6.
Ear muffs, Making helmet. J. J. McCann. 2,409,055; Oct. 8.
Ear ornament. A. R. Lo Curto. 2,409,369; Oct. 15.
Ear piece, Receiver. A. E. Woodruff. 2,407,731; Sept. 17.
Ear protector. R. L. Motley. 2,396,113; Mar. 5.
Ear protector. P. S. Veneklasen. 2,393,005; Jan. 15.
Earring. C. C. Beck. 2,398,995; Apr. 23.
Earring. A. S. Kaa. 2,398,833; Apr. 23.
Earring. M. Sherman and L. Pallister. 2,405,525; Aug. 6.
Earring, Clip type. L. W. Hubbell. Re. 22,729; Mar. 5.
Earring construction. P. A. Raiche. 2,407,098; Sept. 3.
Earth drill. H. S. Brown. 2,410,959; Nov. 12.
Earth drill. C. W. Kandle. 2,401,250; May 28.
Earth drilling machine. V. J. McCarthy. 2,394,194; Feb. 5.
Earth formations penetrated by well bores, Determining permeability of. L. A. Courter. 2,413,435; Dec. 31.
Earth moving machine. A. B. McFarlane. 2,408,671; Oct. 1.
Eddy-current electric apparatus. M. P. Winther. 2,393,211; Jan. 15.
Edge forming apparatus, Molded fibre. M. P. Chaplin. 2,408,734; Oct. 8.
Edger, Lawn. F. L. Benthall, Sr. 2,410,196; Oct. 29.
Edging articles, Machine and method for. G. W. Jackson. 2,404,844; July 30.
Edging machine. G. W. Jackson. 2,406,606; Aug. 27.
Edible product and obtaining same, Dehydrated. J. M. Hall. 2,400,460; May 14.
Educational appliance. O. Schulz. 2,398,724; Apr. 16.
Educational device. J. W. and R. Fay. 2,411,717; Nov. 26.
Educational device. W. R. Holt. 2,402,162; June 18.
Educational device. H. B. Hubble. 2,402,892; June 25.
Educational device. E. E. Staples and B. Gonella. 2,401,844; June 11.
Educational device. S. C. Withers, Jr. 2,394,282; Feb. 5.
Efficiency determining device. J. Flatt. 2,395,042; Feb. 19.
Egg candling apparatus. E. Bramson. 2,403,705; July 9.
Egg cleaning machine. R. S. Davis. 2,412,565; Dec. 17.
Egg filter. G. F. Hodson. 2,393,633; Jan. 29.
Egg opening device. J. Mooss. 2,394,250; Feb. 5.
Egg product. E. C. Scott and C. H. Parsons. 2,395,587; Feb. 26.
Egg turning mechanism, Hydraulic. J. F. Hamlin. 2,204,228; July 16.
Eggs, Whitening. J. D. Ingle. 2,413,631; Dec. 31.
Ejector. N. Hansen. 2,393,320; Jan. 22.
Ejector for heel seat fitting machines, Chip. T. B. Clarke and F. W. H. Williams. 2,409,737; Oct. 22.
Ejector for thread rollers, Bolt. L. J. Mitchell. 2,411,932; Dec. 3.
Ejector mechanism for firearms. J. Crowe. 2,407,477; Sept. 10.
Elastic composition suitable for electrical cable insulation, Manufacture of. H. J. Cameron. 2,406,191; Aug. 20.
Elastic fluid conditioning apparatus. J. L. Singleton. 2,408,159; Oct. 8.
Elastic fluid engine. S. L. G. Knox. 2,405,359; Aug. 6. Sept. 10.
Elastic sheet material, Fabricated. T. J. Boecker. 2,401,132; May 28.
Elastogenic dienes, Continuous process for preparing dispersions of polymerized. W. S. Calcott and H. W. Starkweather. 2,394,291; Feb. 5.
Elastomer adapted for a chewing gum base. B. N. Lougovoy. 2,412,590; Dec. 17.
Elastomer, and making it, Vulcanized synthetic. F. E. Gislak and W. H. Rieger. 2,402,020; June 11.
Elastomers, Preparing dimethyl silicone. J. G. E. Wright and C. S. Oliver. 2,392,713; Jan. 8.
Elasto-plastic window glazing compound. G. S. Merrill. 2,400,565; May 21.
Elbow, Stove pipe. W. J. Bruhn and R. W. Simon. 2,392,220; Jan. 1.
Electric air position indicator. W. H. T. Holden. 2,406,836; Sept. 3.
Electric apparatus. L. P. Hart, Jr. 2,407,493; Sept. 10.
Electric apparatus, Thermal protection of. F. R. Jackson, Jr. 2,403,372; July 2.
Electric arc device. C. M. Slack and E. G. F. Arnott. 2,409,715; Oct. 22.
Electric arc furnace. H. L. Kuehlthau, C. W. Vokac, and M. Del Monte. 2,396,663; Mar. 19.
Electric arc furnace. W. E. Moore. 2,412,009; Dec. 3.
Electric arc welding handle. C. M. Egan and C. H. Ledford. 2,393,252; Mar. 26.
Electric beam tube. G. R. Kilgore. 2,392,155; Jan. 1.
Electric bicycle. S. Argyris. 2,397,115; Mar. 26.
Electric brake. L. F. Hemphill. 2,396,950; Mar. 19.
Electric brake. De L. E. Sexton. 2,392,068; Jan. 1.
Electric cable. C. E. Bennett. 2,409,530; Oct. 15.
Electric cable. L. F. Hickernell and J. E. Talbott. 2,394,611; Feb. 12.
Electric cable. H. A. Macdonald. 2,404,239; July 16.
Electric cable. W. T. Peirce. 2,398,447; Apr. 16.
Electric cable. J. Urmston. 2,403,693; July 9.
Electric capacitor and dielectric for same. G. M. Ehlers and R. R. Roup. 2,398,088; Apr. 9.
Electric catapult and power plant. R. C. Jones. 2,404,964; July 30.
Electric catapult control. R. C. Jones. 2,412,514; Dec. 10.
Electric circuit. B. D. Bedford. 2,405,397; Aug. 6.
Electric circuit. F. E. Crever. 2,407,476; Sept. 10.
Electric circuit. D. E. Kenyon. 2,410,081; Oct. 29.
Electric circuit breaker. W. G. Harlow and G. A. Healis. 2,399,485; Apr. 30.
Electric circuit breaker. L. S. Hobson. 2,393,164; Jan. 15.
Electric circuit breaker. S. R. Smith, Jr. Re. 22,744; Apr. 9.
Electric circuit breaker. C. Thumim, D. C. Prince, and H. B. Dhonau. 2,392,201; Jan. 1.
Electric circuit interrupter. H. E. Cox. 2,392,647; Jan. 8.

Electric circuit interrupter and disconnecting device. B. R. Hermann. 2,393,163; Jan. 15.
Electric conduit and making same. M. O. Searle. 2,400,606; May 21.
Electric connector. R. G. Olson. 2,406,895; Sept. 3.
Electric contact. F. R. Hensel. 2,396,100; Mar. 5.
Electric contact. F. R. Hensel, K. L. Emmert, and J. W. Wiggs. 2,400,003; May 7.
Electric contact snap fastener. O. J. Huelster. 2,404,176; July 16.
Electric control. C. J. Lundborg. 2,412,163; Dec. 3.
Electric control and protective systems. O. W. Livingston. 2,394,084; Feb. 5.
Electric control circuit. M. E. Bivens. 2,411,708; Nov. 26.
Electric control circuit. D. W. Borst. 2,404,614; July 23.
Electric control circuit. B. G. Higgins. 2,395,626; Feb. 26.
Electric control circuit. E. E. Moyer. 2,411,744–5; Nov. 26.
Electric control circuit. E. C. Wahlberg. 2,394,029; Feb. 5.
Electric control circuit. E. C. Wahlberg. 2,399,699; May 7.
Electric control device. M. F. and R. C. Jones. 2,412,513; Dec. 10.
Electric control means for veneer clippers. W. J. Miller and A. C. Johnson. 2,394,558; Feb. 12.
Electric control system. G. M. Adams and J. C. Aydelott. 2,393,620; Jan. 29.
Electric control system. G. M. Adams and H. G. Moore. 2,393,622; Jan. 29.
Electric control system. E. E. Moyer. 2,393,701; Jan. 29.
Electric controller apparatus. F. Breckenridge. 2,394,142; Feb. 5.
Electric controlling apparatus. J. F. Hysler 2,396,851; Mar. 19.
Electric controlling apparatus. F. G. Logan. 2,396,379; Mar. 12.
Electric coupling system. A. G. Manke. 2,392,170; Jan. 1.
Electric device, Light-sensitive. R. S. Ohl. 2,402,662; June 25.
Electric discharge controlling position. O. E. Esval and R. S. Curry, Jr. 2,392,370; Jan.
Electric discharge device. J. Evans. 2,408,383; Oct. 1.
Electric discharge device. G. M. White. 2,406,276; Aug. 20.
Electric discharge device circuit. P. C. Michel. 2,407,505; Sept. 10.
Electric discharge device, High-frequency. R. J. Bondley, 2,406,277; Aug. 20.
Electric discharge devices, Starting control for. L. H. Zyta. 2,398,128; Apr. 9.
Electric discharge lamp. V. J. Francis and E. H. Nelson. 2,404,953; July 30.
Electric discharge lamp. E. Lemmers. 2,403,184; July 2.
Electric discharge tube. W. C. Brown. 2,402,983; July 2.
Electric distance meter. G. Potapenko. 2,404,527; July 23.
Electric distribution system. J. B. Caraway. 2,393,218; Jan. 15.
Electric drive. D. S. Kellogg. 2,395,000; Feb. 19.
Electric fan assembly. F. Collura. 2,395,167; Feb. 19.
Electric follow-up switch. G. Olah. 2,400,018; May 7.
Electric furnace. R. D. Hall. 2,404,059; July 16.
Electric furnace. A. L. Weyhing. 2,398,874; Apr. 23.
Electric fuse connection plug. B. J. Seurynck. 2,404,407; July 23.
Electric gauge. R. Mestas. 2,408,524; Oct. 1.
Electric generator. J. W. Bayles. 2,404,209; July 16.
Electric glass melting furnace. C. F. De Voe. 2,413,037; Dec. 24.
Electric hand lamp such as inspection lamp, Portable. R. P. H. Hinds. 2,413,628; Dec. 31.
Electric heater. A. J. Gardenhour. 2,405,783; Aug. 13.
Electric heater. H. L. Newell. 2,393,182; Jan. 15.
Electric heater. G. C. Wicks. 2,400,618; May 21.
Electric heater. G. C. Wicks. 2,404,336; July 16.
Electric heater. E. L. Wiegand. 2,392,076; Jan. 1.
Electric heater. E. L. Wiegand. 2,400,672; May 21.
Electric heater. E. L. Wiegand. 2,413,478; Dec. 31.
Electric heater. E. L. Wiegand. 2,413,536; Dec. 31.
Electric hot-plate unit. E. L. Wiegand. 2,413,477; Dec. 31.
Electric ignition control. R. M. Kaufmann. 2,395,666; Feb. 26.
Electric impulse generator. L. E. Quinnell. 2,400,262; May 14.
Electric induction apparatus and coil support. A. Jarmann, Jr. 2,393,169; Jan. 15.
Electric induction machine. D. C. Prince. 2,401,187; May 28.
Electric iron. W. L. Gould. 2,408,209; Sept. 24.
Electric iron. T. F. Saffady. 2,395,584; Feb. 26.
Electric iron. F. W. Scharf. 2,408,886; Oct. 8.
Electric lamp. P. F. Early. 2,404,476; July 23.
Electric lamp. J. E. Golob and A. D. Dircksen. 2,399,921; May 7.
Electric lamp. G. C. Singer. 2,398,968–71; Apr. 23.
Electric lamp adapter. E. B. Noel. 2,394,468; Feb. 5.
Electric lighting fixture. D. J. Biller. 2,392,306; Jan. 8.
Electric lighting fixture. F. Stempfl. 2,400,267; May 14.
Electric lighting switch. B. Reisberg and D. Schwarz. 2,412,062; Dec. 3.
Electric machine. W. Farrell. 2,394,296; Feb. 5.
Electric motor. G. L. Carson. 2,406,193; Aug. 20.
Electric motor. H. B. Fuge. 2,393,527; Jan. 22.
Electric motor. R. Lee. 2,406,389; Aug. 27.
Electric motor. J. D. Lewis. 2,403,665; July 9.
Electric motor. E. Prat Divl. 2,401,662; June 4.
Electric motor. J. W. Suydam. 2,402,214; June 18.
Electric motor control system. G. M. Adams. 2,393,621; Jan. 29.
Electric motor control system. G. H. Pettibone. 2,394,100; Feb. 5.
Electric-motor-driven combined camera focal-plane shutter and filmfeed. E. S. Hineline. 2,393,534; Jan. 22.
Electric motor system. T. C. Sharp. 2,412,656; Dec. 17.
Electric outlet box. S. B. Osinski. 2,397,688; Apr. 2.
Electric oven. L. F. Berg. 2,392,796; Jan. 8.
Electric plug. G. B. Benander. 2,398,996; Apr. 23.
Electric power distribution system. C. E. Bennett. 2,412,556; Dec. 17.
Electric power system. M. A. Edwards, D. E. Garr, and J. C. Aydelott. 2,393,618; Jan. 29.
Electric ratiometer. E. C. Klepp. 2,400,308; May 14.
Electric regulator. W. A. Crotch. 2,394,753; Feb. 12.
Electric resistance element, and operating the same. S. H. Stupakoff. 2,397,445; Mar. 26.
Electric roller iron. H. C. Fairley. 2,401,820; June 11.
Electric screw driver and nut runner. G. C. Willhide. 2,394,348; Feb. 5.
Electric signaling system. H. M. M. d'Assis-Fonseca and H. J. Ward. 2,397,596; Apr. 2.
Electric snap switch. M. J. Wohl. 2,404,874; July 30.
Electric soldering, brazing, and like tool. H. J. Lorant and J. W. Bridgland. 2,398,946; Apr. 23.
Electric soldering device. R. E. Haines and J. V. Adams. 2,397,348; Mar. 26.
Electric soldering iron. F. D. McCully. 2,396,799; Mar. 19.
Electric soldering iron. O. Wertheim and L. Moses. 2,403,158; July 2.
Electric switch. C. A. Adams. 2,408,157; Sept. 24.
Electric switch. J. M. Anderson. 2,401,538; June 4.
Electric switch. E. H. Ayers. 2,402,866; June 25.
Electric switch. E. J. Baumgardner. 2,413,135; Dec. 24.
Electric switch. F. D. Bryant. 2,399,462; Apr. 30.
Electric switch. W. L. Butler. 2,409,472; Oct. 15.
Electric switch. G. P. Clute. 2,404,216; July 16.
Electric switch. T. M. Cole. 2,412,494; Dec. 10.
Electric switch. A. G. Elmendorf. 2,392,134; Jan. 1.
Electric switch. D. C. Espley. 2,401,863; June 11.
Electric switch. E. B. Farmer and E. L. Lawson. 2,411,086; Nov. 12.
Electric switch. H. K. Gandelot. 2,409,483; Oct. 15.
Electric switch. G. W. Glover. 2,399,920; May 7.
Electric switch. C. I. Hall and A. W. Bedford. 2,401,153; May 28.
Electric switch. G. M. Hausler. 2,400,754; May 21.
Electric switch. O. A. Huntsman. 2,411,730; Nov. 26.
Electric switch. W. J. Kelleigh. 2,411,576; Nov. 26.
Electric switch. H. L. Lambert. 2,395,052; Feb. 19.
Electric switch. F. G. Logan. 2,407,710; Sept. 17.
Electric switch. D. B. MacKendrick. 2,401,650; June 4.
Electric switch. G. L. McFarland, Jr. 2,394,090; Feb. 5.
Electric switch. F. E. Tiffany. 2,395,698; Feb. 26.
Electric switch devices. E. C. Wahlberg. 2,393,846; Jan. 29.
Electric switch sensitive to small operating movements. A. Arnot. 2,408,901; Oct. 8.
Electric switching device, Lever-operated. J. A. Chilman. 2,395,036; Feb. 19.
Electric swivel connector. W. F. Boehlke. 2,404,564; July 23.
Electric systems, Protection of. L. F. Kennedy. 2,398,648; Apr. 16.
Electric systems, Supervision of. A. R. van C. Warrington. 2,405,079; July 30.
Electric thermal switch. E. E. Sprague. 2,405,767; Aug. 13.
Electric translating circuit. O. W. Livingston. 2,392,249; Jan. 1.
Electric water heater. R. A. Blanchard. 2,403,334; July 2.
Electric water heater of the storage type. A. R. Draffin. 2,413,611; Dec. 31.
Electric wave filter. D. C. Rogers. 2,411,555; Nov. 26.
Electric wave multiplier circuit. K. R. Wendt. 2,398,064; Apr. 9.
Electric welding rod holder. A. De W. Best. 2,404,028; July 16.
Electric welding with portable flux box. J. E. Rudy and J. J. Zaleski. 2,412,065; Dec. 3.
Electrical apparatus. R. B. Albright. 2,410,329; Oct. 29.
Electrical apparatus. B. O. Austin. 2,393,950; Feb. 5.
Electrical apparatus. B. O. Austin. 2,393,952; Feb. 5.
Electrical apparatus. L. Batchelder. 2,407,242; Sept. 10.
Electrical apparatus. L. H. Bedford. 2,402,359; June 18.
Electrical apparatus. H. Benioff. 2,413,309; Dec. 31.
Electrical apparatus. D. A. Bell and A. H. A. Wynn. 2,408,192; Sept. 24.
Electrical apparatus. H. Benioff. 2,407,245; Sept. 10.

Electrical apparatus. H. Benioff. 2,408,405–6; Oct. 1.
Electrical apparatus. W. H. Bussey. 2,407,363; Sept. 10.
Electrical apparatus. G. Camilli. 2,402,366; June 18.
Electrical apparatus. W. F. Fell. 2,411,781; Nov. 26.
Electrical apparatus. R. M. Joyce, Jr. 2,392,388; Jan. 8.
Electrical apparatus. H. Klemperer. 2,397,966; Apr. 9.
Electrical apparatus. J. F. Kovalsky. 2,403,087; July 2.
Electrical apparatus. J. W. McElvain. 2,412,902; Dec. 17.
Electrical apparatus. A. Pottinger. 2,394,102; Feb. 5.
Electrical apparatus. T. C. Riebe. 2,395,939; Mar. 5.
Electrical apparatus. T. T. Short. 2,404,254; July 16.
Electrical apparatus. J. Toth. 2,399,406; Apr. 30.
Electrical apparatus. G. E. Wald. 2,405,929; Aug. 13.
Electrical apparatus adapted to operate at very high frequencies. D. C. Espley. 2,402,540; June 25.
Electrical apparatus, Oil-filled. S. J. Rosch. 2,405,853; Aug. 13.
Electrical apparatus, Spark gap. M. E. Haine and J. M. Meek. 2,400,456–7; May 14.
Electrical arcs, Control of. H. C. Gillespie. 2,411,325; Nov. 19.
Electrical attachment plug. B. J. Bir. 2,411,846; Dec. 3.
Electrical bore hole apparatus, Compensating means for. C. B. Aiken. 2,411,843; Dec. 3.
Electrical calculating machine. H. P. Luhn. 2,394,925; Feb. 12.
Electrical circuit. B. M. Harrison. 2,410,665; Oct. 29.
Electrical circuit. J. N. Whitaker. 2,404,307; July 16.
Electrical circuit arrangement. H. G. Boyle. 2,391,862; Jan. 1.
Electrical circuit controlling device. H. F. Cypser. 2,392,810; Jan. 15.
Electrical circuit employing non-linear resistance material. T. G. Rice. 2,409,150; Oct. 8.
Electrical coil-winding machine. J. W. Miller. 2,412,280; Dec. 10.
Electrical compressor method and system. F. G. Albin. 2,395,159; Feb. 19.
Electrical condenser. J. Burnham. 2,408,910; Oct. 8.
Electrical condenser. G. P. Smith. 2,405,529; Aug. 6.
Electrical conducting swing joint. D. M. Phillips. 2,407,445; Sept. 10.
Electrical conductor connections, Forming solderless. W. T. Eppler and H. L. Husson. 2,393,355; Jan. 22.
Electrical conductor, Insulated. W. C. Sears. 2,413,673; Dec. 31.
Electrical conductors having a knitted protective jacket, Manufacturing. M. D. Swartz and K. N. Yellott. 2,391,931; Jan. 1.
Electrical connecting and radio-shielding means. W. J. Spengler. 2,399,402; Apr. 30.
Electrical connection. H. A. F. Kunasch. 2,394,618; Feb. 12.
Electrical connection. H. F. Lenz. 2,394,618; Feb. 12
Electrical connector. C. Antony, Jr., and E. J. Isbister. 2,411,861; Dec. 3.
Electrical connector. S. N. Buchanan. 2,406,346; Aug. 27.
Electrical connector. C. E. Carson. 2,410,961; Nov. 12.
Electrical connector. L. W. Evans. 2409,200; Oct. 15.
Electrical connector. M. C. Gauthier. 2,408,843; Oct. 8.
Electrical connector. C. A. Good. 2,402,279; June 18.
Electrical connector. J. C. Macy. 2,398,433; Apr. 16.
Electrical connector. A. C. Smith. 2,393,481; Jan. 22.
Electrical connector. H. E. Somes. 2,398,260; Apr. 9.
Electrical connector. J. B. Stevens. 2,410,691; Nov. 5.
Electrical connector. T. C. and A. C. Still. 2,393,485; Jan. 22.
Electrical connector. C. E. Wade. 2,392,438; Jan. 8.
Electrical connector. W. S. Watts. 2,410,321; Oct. 29.
Electrical contact. F. R. Hensel and E. I. Larsen. 2,396,101; Mar. 5.
Electrical contact. P. G. Weiller. 2,394,501; Feb. 5.
Electrical contact element. R. H. Savage. 2,393,816; Jan. 29.
Electrical contact element. R. H. Savage. 2,404,662; July 23.
Electrical contact heater. A. A. Reiser. 2,410,362; Oct. 29.
Electrical contact plug. C. A. Woodward. 2,398,684; Apr. 16.
Electrical control apparatus. C. J. Collom and G. E. Undy. 2,395,849; Mar. 5.
Electrical control apparatus. J. Geier. 2,392,913; Jan. 15.
Electrical control system. J. W. Dawson. 2,394,535; Feb. 12.
Electrical control system. J. A. Van den Akker. 2,411,672; Nov. 26.
Electrical coupling circuits. H. I. Reiskind and A. Badmaieff. 2,396,531; Mar. 12.
Electrical device. W. C. Slauson. 2,395,300; Feb. 19.
Electrical device. E. C. Wahlberg. 2,399,272–4; Apr. 30.
Electrical device. V. I. Zelov. 2,410,618; Nov. 5.
Electrical device, Rough service. A. L. Powell and W. J. Robinson. 2,398,595; Apr. 16.
Electrical differentiator. H. G. Och and K. D. Swartzel, Jr. 2,412,227; Dec. 10.
Electrical discharge device. E. F. Lowry and F. P. Rogers. 2,409,771; Oct. 22.
Electrical discharge device. H. E. Tanis, Jr. 2,408,822; Oct. 8.
Electrical equipment. H. A. Jaberg. 2,410,287; Oct. 29.
Electrical filter. A. Badmaieff. 2,397,772; Apr. 2.
Electrical follow-up. W. H. Newell. 2,405,045; July 30.
Electrical follow-up system. A. C. de Beauregard. 2,399,329; Apr. 30.
Electrical gaseous discharge lamp. C. G. Smith. 2,404,002; July 16.
Electrical ground clamp. C. J. Shrader. 2,408,276; Sept. 24.
Electrical heating apparatus. W. M. Roberds. 2,395,196; Feb. 19.
Electrical heating apparatus. C. E. Weller. 2,405,866; Aug. 13.
Electrical ignition system. M. W. G. Chitty. 2,397,725; Apr. 2.
Electrical impulses and record produced thereby, Recording. J. A. Maurer, Jr. 2,404,137; July 16.
Electrical indication at a distance. G. C. Hartley, E. M. S. McWhirter, and J. Handley. 2,397,604; Apr. 2.
Electrical indicator. H. M. Norman. 2,401,839; June 11.
Electrical inspection and sorting apparatus. C. Stevens. 2,399,582; Apr. 30.
Electrical instrument, Direct current ratio measuring. R. G. Jewell. 2,409,866; Oct. 22.
Electrical machine. S. J. Liddington. 2,404,969; July 30.
Electrical machine. J. F. Perfetti and H. E. Waldron. 2,407,935; Sept. 17.
Electrical measurement. R. C. Olesen. 2,400,571; May 21.
Electrical measuring instrument. J. D. Seaver and E. M. Frye. 2,394,113; Feb. 5.
Electrical measuring instrument. A. Wolf. 2,400,326; May 14.
Electrical measuring system. G. L. Prudhon. 2,404,886; July 30.
Electrical multiple instrument system. F. L. Phillips and A. J. Phillips. 2,392,184; Jan. 1.
Electrical multiplying circuit. A. V. Bedford. 2,401,404; June 4.
Electrical precipitator. H. J. White. 2,395,927; Mar. 5.
Electrical prospecting method and apparatus. J. W. Millington. 2,398,800; Apr. 23.
Electrical protective device. N. Rochester. 2,412,751; Dec. 17.
Electrical pulses, Timing of. A. C. Schroeder. 2,402,916; June 25.
Electrical recording. B. V. Magee. 2,391,912; Jan. 1.
Electrical rectifiers and the like, Making. S. J. Walintrob. 2,399,773; May 7.
Electrical registering and position indicator. F. H. Hagner. 2,402,396; June 18.
Electrical regulating device. D. H. Rogers. 2,409,151; Oct. 8.
Electrical relay. H. J. Carlin. 2,404,945; July 30.
Electrical resistance and producing the same. R. L. Hartwell. 2,396,099; Mar. 5.
Electrical resistance cards, Apparatus for and method of making contoured. W. J. Kindermann and W. W. Werring. 2,412,619; Dec. 17.
Electrical resistance elements durable at high temperatures and proof against chemical action and making same. A. R. Wejnarth. 2,412,373–4,5,6; Dec. 10.
Electrical resistor. B. C. Bricker. 2,394,591; Feb. 12.
Electrical signaling system. J. F. Mackenzie. 2,395,132; Feb. 19.
Electrical space discharge tube. R. Wood. 2,406,422; Aug. 27.
Electrical switch. H. S. Beattie and W. K. David. 2,412,384; Dec. 10.
Electrical switch. D. L. Harford. 2,405,035; July 30.
Electrical switch. B. J. Prussack. 2,399,449; Apr. 30.
Electrical switch and outlet box mounting. J. B. Cooper. 2,406,587; Aug. 27.
Electrical system. A. H. Dickinson. 2,408,613; Oct. 1.
Electrical system and apparatus. P. K. Ranney. 2,406,104; Aug. 20.
Electrical system for the control of mechanical devices. J. J. Moynihan. 2,408,472; Oct. 1.
Electrical transformer and coil. J. K. Webb. 2,392,790; Jan. 8.
Electrical transformer apparatus. C. P. Boucher. 2,391,875; Jan. 1.
Electrical translating device utilizing silicon. R. S. Ohl. 2,402,839; June 25.
Electrical well logging method and apparatus. M. E. Chun. 2,393,009; Jan. 15.
Electrical winding. M. Flatland. 2,404,129; July 16.
Electrical wiring systems, Coupling for. W. E. Hill and T. D. G. Wintle and R. W. Morgan. 2,403,979; July 16.
Electrically heated cover. L. Marien. 2,404,736; July 23.
Electrically-heated device and resistance element therefor. A. E. Reimers. 2,403,022; July 2.
Electrically operated valve. J. Harding, Jr. 2,413,622; Dec. 31.
Electrically propelled car construction. M. F. Jones. 2,412,511; Dec. 10.
Electricity conductor unit. J. F. O'Brien. 2,413,032; Dec. 24.

Electricity plug clamp. E. J. Lachance. 2,399,644; May 7.
Electroacoustic binaural listening system. F. S. Claassen. 2,393,885; Jan. 29.
Electroacoustical apparatus and using the same. F. Massa. 2,396,519; Mar. 12.
Electrocardiograph. P. Traugott. 2,412,639; Dec. 17.
Electrocardiographic examinations, Method and apparatus for conducting. M. S. White. 2,400,583; May 21.
Electrochemical process for production of sodium perchlorate. J. R. Ryan. 2,392,769; Jan. 8.
Electrochemical treating chromite ore. J. Schulein. 2,410,242; Oct. 29.
Electrocuter, Insect. G. Bowser. 2,404,687; July 23.
Electrode. W. W. Eitel and J. A. McCullough. 2,393,459; Jan. 22.
Electrode. C. S. Szegho. 2,408,894; Oct. 8.
Electrode, Activated. S. H. Noble and H. P. Rooksby. 2,394,095; Feb. 5.
Electrode and making same. J. B. Brennan. 2,406,345; Aug. 27.
Electrode and making the same. L. C. Werner. 2,398,609; Apr. 16.
Electrode assembly for discharge tubes. P. L. Spencer. 2,413,006; Dec. 24.
Electrode, Buoyant. F. C. Jones. 2,396,268; Mar. 12.
Electrode, Buoyant. B. Levinson. 2,396,271; Mar. 12.
Electrode, Coated. C. D. Jensen. 2,394,550; Feb. 12.
Electrode, Composite. A. P. Meston. 2,409,579; Oct. 15.
Electrode construction, Welding. R. R. Harwood. 2,411,859; Dec. 3.
Electrode cooling, Welding. F. R. Hensel and E. I. Larsen. 2,392,736; Jan. 8.
Electrode, Corrosion preventing. C. H. Bunn, Jr., and L. W. Schrader. 2,404,031; July 16.
Electrode, Dielectric heating. J. C. Quayle and P. Jones. 2,404,191; July 16.
Electrode for buoyant cables. C. E. Bennett. 2,409,531; Oct. 15.
Electrode for diathermy treatments. C. K. Gieringer. 2,404,283; July 16.
Electrode for discharge lamp, End-cap. D. S. Gustin and A. L. Herman. 2,404,057; July 16.
Electrode for electrical precipitators, Collecting. F. H. Viets. 2,397,302; Mar. 26.
Electrode for electron discharge devices. D. R. Kiser. 2,398,012; Apr. 9.
Electrode for field emission discharge device, Controlled. J. H. Findlay, C. E. Dawley, and A. Pfeiffer. 2,407,979; Sept. 24.
Electrode for spot welding. M. Dobkowski. 2,409,550; Oct. 15.
Electrode foundation structures, Manufacturing. H. B. Law. 2,403,225; July 2.
Electrode, High-frequency. G. T. Hart. 2,412,982; Dec. 24.
Electrode holder. P. L. Bourque. 2,395,213–4; Feb. 19.
Electrode holder. W. E. Cardinal. 2,413,213; Dec. 24.
Electrode holder. J. E. Cotton. 2,412,717; Dec. 17.
Electrode holder. T. S. Donnelly, Jr. 2,404,125; July 16.
Electrode holder. T. S. Donnelly, Jr. 2,404,437; July 23.
Electrode holder. A. C. Gough. 2,406,365; Aug. 27.
Electrode holder. H. A. Jackson. 2,410,164; Oct. 29.
Electrode holder. M. S. Kenworthy. 2,403,086; July 2.
Electrode holder. H. N. Lininger. 2,395,228; Feb. 19.
Electrode holder. R. Munro and A. A. Albright. 2,398,032; Apr. 9.
Electrode holder. E. A. Randall. 2,394,204; Feb. 5.
Electrode holder. C. Ringwald. 2,411,980; Dec. 3.
Electrode holder. A. H. Smith. 2,393,830; Jan. 29.
Electrode holder. M. Wells. 2,405,536; Aug. 6.
Electrode holder. W. E. Wilson. 2,401,333; June 4.
Electrode joint. J. W. Droll. 2,412,081; Dec. 3.
Electrode, Magnetic minesweeping underwater. W. L. Williams, Jr. 2,396,734; Mar. 19.
Electrode manufacture. T. J. Radcliffe. 2,392,879; Jan. 15.
Electrode, Spark plug. L. B. Pfeil. 2,406,966; Sept. 3.
Electrode stem clamp. J. Quinn and R. A. Horst. 2,397,806; Apr. 2.
Electrode structure. G. P. Chevigny and H. G. Busignies. 2,412,965; Dec. 24.
Electrode structure and manufacture. H. B. Law. 2,403,224; July 2.
Electrode structure and manufacture. W. M. Trumbull and B. W. Kinyon. 2,413,267; Dec. 24.
Electrode structure, Collecting. W. M. Schmidt and D. K. Townsend. 2,412,912; Dec. 17.
Electrode, Subaqueous arc-welding and cutting. B. Ronay. 2,410,461; Nov. 5.
Electrode support. D. G. Clifford. 2,409,664; Oct. 22.
Electrode, Welding. C. F. Leathers. 2,402,646; June 25.
Electrodes, Arc welding. E. F. Friedlander. 2,408,619–20; Oct. 1.
Electrodes in electric discharge tubes, Mounting of. A. L. Chilcot and S. Jackson. 2,395,991; Mar. 5.
Electrodes, Preparation of. P. G. Chevigny. 2,411,522; Nov. 26.
Electrodeposition of insulating material. S. Ruben. 2,392,068; Jan. 15.
Electrodeposition of manganese. W. E. Bradt and H. H. Oaks. 2,398,614; Apr. 16.
Electrodeposition of metals and bath composition therefor. K. M. Gaver. 2,406,072; Aug. 20.
Electrodeposition of zinc. R. M. Wick. 2,392,075; Jan. 1.
Electroencephalograph device. L. Garceau. 2,409,033; Oct. 8.
Electrogalvanizing. C. H. Ward. 2,399,964; May 7.
Electrolysis switch. O. C. Bagwell. 2,395,833; Mar. 5.
Electrolytes, Composition for purifying. D. L. Griffith and L. G. Hendrickson. 2,405,302; Aug. 6.
Electrolytes, Purifying. D. L. Griffith and L. G. Hendrickson. 2,396,569; Mar. 12.
Electrolytic alkali halogen cells. K. E. Stuart. 2,392,868; Jan. 15.
Electrolytic can cleaner. A. C. Herro and P. Smart. 2,410,213; Oct. 29.
Electrolytic cell. B. G. Hunt. 2,393,685; Jan. 29.
Electrolytic cell. R. J. McNitt. 2,393,330; Jan. 22.
Electrolytic cell. T. A. Mitchell. 2,398,590; Apr. 16.
Electrolytic condenser and electrode therefor. J. M. Booe. 2,404,824; July 30.
Electrolytic device and making same. J. B. Brennan. 2,393,966; Feb. 5.
Electrolytic devices, Making. J. B. Brennan. 2,412,201; Dec. 10.
Electrolytic polishing. C. Batcheller. 2,409,097; Oct. 8.
Electrolytic polishing and removing excess metal. L. B. Pfeil. 2,412,058; Dec. 3.
Electromagnet. C. E. Bazley. 2,405,896; Aug. 6.
Electromagnet. E. A. Derungs. 2,407,603; Sept. 10.
Electromagnet. J. F. Frese. 2,400,344; May 14.
Electromagnet. L. J. Goldberg. 2,406,216; Aug. 20.
Electromagnet. W. V. Lovell. 2,400,869; May 28.
Electromagnet. L. T. Rader. 2,394,103; Feb. 5.
Electromagnet. M. Staley. 2,412,304; Dec. 10.
Electromagnet. D. C. Wright and A. L. Ward. 2,410,794; Nov. 5.
Electromagnet, Shockproof. T. M. Spitler. 2,399,517; Apr. 30.
Electromagnetic apparatus. R. M. Nardone. 2,411,800; Nov. 26.
Electromagnetic apparatus. M. P. Winther. 2,403,421; July 2.
Electromagnetic clutch. W. P. Lear. 2,401,003; May 28.
Electromagnetic contactor, Latchable. D. Ellis and J. H. Alspach. 2,399,336; Apr. 30.
Electromagnetic device. R. E. H. Carpenter. 2,412,123; Dec. 3.
Electromagnetic device. W. A. Ray. 2,410,183; Oct. 29.
Electromagnetic device. R. S. G. Terry and R. E. H. Carpenter. 2,396,135; Mar. 5.
Electromagnetic device. A. R. Woolfolk. 2,400,184; May 14.
Electromagnetic device, Making. D. E. Wiegand. 2,404,016; July 16.
Electromagnetic friction device. J. G. Oetzel. 2,395,905; Mar. 5.
Electromagnetic motor. S. E. Werner. 2,404,331; July 16.
Electromagnetic operator. W. A. Ray. 2,399,295; Apr. 30.
Electromagnetic product and making the same. R. G. Guthrie and J. Chumasero. 2,407,234; Sept. 10.
Electromagnetic pump. E. Friedlander. 2,397,785; Apr. 2.
Electromagnetic relay. J. H. Horman. 2,393,535; Jan. 22.
Electromagnetic relay. R. B. King and R. L. Huffman. 2,412,273; Dec. 10.
Electromagnetic structures, Release means for. S. S. Cramer. 2,393,590; Jan. 29.
Electromagnetic switch. H. E. Schleicher. 2,399,575; Apr. 30.
Electromagnetic switch coil mounting. H. E. Schleicher. 2,399,065; Apr. 23.
Electromechanical device. R. Black, Jr., and F. F. Romanow. 2,405,179; Aug. 6.
Electromechanical device. L. G. Bostwick and J. H. King. 2,404,785; July 30.
Electromechanical device. W. R. Harry. 2,404,375; July 23.
Electromechanical device. W. R. Harry and F. F. Romanow. 2,404,798; July 30.
Electromechanical signal translating apparatus. L. J. Anderson. 2,400,281; May 14.
Electron acceleration. D. H. Sloan. 2,398,162; Apr. 9.
Electron accelerator control system. W. F. Westendorp. 2,394,072; Feb. 5.
Electron beam modulator. A. L. Samuel. 2,410,840; Nov. 12.
Electron beam relay. A. E. Anderson. 2,409,179; Oct. 15.
Electron device and manufacture. G. M. Dinnick and L. C. Werner. 2,402,029; June 11.
Electron discharge apparatus. J. H. Fremlin. 2,406,824; Sept. 3.
Electron discharge apparatus. J. H. Fremlin and R. N. Hall. 2,410,054; Oct. 29.
Electron discharge apparatus. F. D. Goodchild. 2,411,538; Nov. 26.
Electron discharge apparatus. J. R. Pierce. 2,406,850; Sept. 3.
Electron discharge apparatus. R. K. Potter. 2,403,996; July 16.
Electron discharge apparatus. A. L. Samuel. 2,409,644; Oct. 22.

Electron discharge apparatus. A. M. Skellett. 2,395,299; Feb. 19.
Electron discharge apparatus. D. L. Snow. 2,408,817; Oct. 8.
Electron discharge apparatus, High frequency. W. W. Hansen. 2,392,379; Jan. 8.
Electron discharge apparatus, High frequency. D. E. Kenyon. 2,410,822; Nov. 12.
Electron discharge circuit. S. Berkoff and R. B. Dome. 2,410,703; Nov. 5.
Electron discharge device. W. E. Bahls. 2,409,466; Oct. 15.
Electron discharge device. C. E. Brigham. 2,411,515; Nov. 26.
Electron discharge device. L. F. Broadway and C. S. Bull. 2,410,863; Nov. 12.
Electron discharge device. C. S. Bull. 2,409,417; Oct. 15.
Electron discharge device. G. P. Chevigny. 2,404,363; July 23.
Electron discharge device. P. G. Chevigny and J. J. Glauber. 2,411,523; Nov. 26.
Electron discharge device. L. B. Curtis. 2,412,800; Dec. 17.
Electron discharge device. H. J. Dailey. 2,409,667; Oct. 22.
Electron discharge device. H. J. Dailey and L. C. Werner. 2,404,042; July 16.
Electron discharge device. W. A. Depp. 2,392,367; Jan. 8.
Electron discharge device. R. C. Dorris. 2,402,030; June 11.
Electron discharge device. B. J. Edwards. 2,399,429; Apr. 30.
Electron discharge device. W. R. Ferris. 2,396,167; Mar. 5.
Electron discharge device. O. H. Fulton, Jr. 2,396,170; Mar. 5.
Electron discharge device. J. J. Glauber. 2,397,854; Apr. 2.
Electron discharge device. F. D. Goodchild. 2,395,043; Feb. 19.
Electron discharge device. F. D. Goodchild. 2,406,827; Sept. 3.
Electron discharge device. N. H. Green and W. B. Rupp. 2,411,205; Nov. 19.
Electron discharge device. A. V. Haeff. 2,398,499; Apr. 16.
Electron discharge device. A. V. Haeff. 2,398,829; Apr. 23.
Electron discharge device. P. L. Hartman. 2,403,444; July 9.
Electron discharge device. E. W. Herold. 2,409,485; Oct. 15.
Electron discharge device. G. R. Kilgore. 2,407,705; Sept. 17.
Electron discharge device. G. R. Kilgore. 2,407,707; Sept. 17.
Electron discharge device. G. R. Kilgore, W. R. Ferris, and C. Shulman. 2,407,163; Sept. 3.
Electron discharge device. G. R. Kilgore and L. Malter. 2,407,708; Sept. 17.
Electron discharge device. J. P. Laico. 2,403,445; July 9.
Electron discharge device. J. P. Laico. 2,411,548; Nov. 26.
Electron discharge device. J. P. Laico and V. L. Ronci. 2,404,802; July 30.
Electron discharge device. A. H. Laidig. 2,409,694; Oct. 22.
Electron discharge device. C. V. Litton. 2,412,997–8; Dec. 24.
Electron discharge device. L. Malter. 2,404,078; July 16.
Electron discharge device. J. A. Morton. 2,409,222; Oct. 15.
Electron discharge device. I. E. Mouromtseff and G. M. Dinnick. 2,404,082; July 16.
Electron discharge device. D. O. North. 2,413,244; Dec. 24.
Electron discharge device. E. C. Okress. 2,409,693; Oct. 22.
Electron discharge device. J. R. Pierce and W. G. Shepherd. 2,411,913; Dec. 3.
Electron discharge device. G. M. Rose, Jr. 2,412,836; Dec. 17.
Electron discharge device. B. Salzberg. 2,409,591; Oct. 15.
Electron discharge device. O. H. Schade. 2,412,291; Dec. 10.
Electron discharge device. C. A. Segerstrom, Jr. 2,391,927; Jan. 1.
Electron discharge device. C. I. Shulman and G. R. Kilgore. 2,407,706; Sept. 17.
Electron discharge device. L. P. Smith. 2,413,251; Dec. 24.
Electron discharge device. C. H. Thomas. 2,412,659; Dec. 17.
Electron discharge device. H. C. Thompson. 2,409,165; Oct. 8.
Electron discharge device. R. L. Vance. 2,411,912; Dec. 3.
Electron discharge device. H. M. Wagner. 2,404,113; July 16.
Electron discharge device. L. C. Werner and H. J. Dailey. 2,398,608; Apr. 16.
Electron discharge device, Beam deflection. G. R. Kilgore. 2,408,216; Sept. 24.
Electron discharge device, Beam deflection. G. R. Kilgore. 2,409,499; Oct. 15.
Electron discharge device employing hollow resonators. J. E. I. Cairns. 2,407,607; Sept. 10.
Electron discharge device generator. C. W. Hansell. 2,412,772; Dec. 17.
Electron discharge device of the magnetron type. W. C. Brown. 2,411,953; Dec. 3.
Electron discharge device of the magnetron type. W. C. Brown. 2,411,984; Dec. 3.
Electron discharge tube. J. H. O. Harries. 2,396,949; Mar. 19.
Electron discharge tube. J. H. O. Harries. 2,401,637; June 4.
Electron discharge tubes, Target electrode for. A. Rose. 2,403,239; July 2.
Electron emitters, Making long life secondary. H. Nelson. 2,393,803; Jan. 29.
Electron multiplier. F. J. G. van den Bosch. 2,397,822; Apr. 2.
Electron ray indicating device. J. A. Hultquist. 2,394,857; Feb. 12.
Electron tube. J. H. Cone and R. E. Mumma. 2,398,772; Apr. 23.
Electron tube. B. R. Corson. 2,401,911; June 11.
Electron tube and electrode for the same. G. A. Becker. 2,395,313; Feb. 19.
Electron tube circuit. F. B. Aubert. 2,411,078; Nov. 12.
Electron tube circuit. K. Schlesinger. 2,403,955; July 16.
Electronic apparatus. A. Binneweg, Jr. 2,392,900; Jan. 15.
Electronic chronoscope for measuring rates of detonation. C. R. Nisewanger and F. Brown. 2,395,902; Mar. 5.
Electronic circuit. G. W. Cook. 2,398,411; Apr. 16.
Electronic computer. G. A. Morton. 2,412,467; Dec. 10.
Electronic computing device. L. E. Flory and G. A. Morton. 2,404,047; July 16.
Electronic computing device. G. A. Morton and L. E. Flory. 2,409,689; Oct. 22.
Electronic control circuit. J. R. Mahoney. 2,394,087; Feb. 5.
Electronic counting ring. R. E. Mumma. 2,402,432; June 18.
Electronic device. S. J. Cherry, L. C. Werner, and W. J. Knochel. 2,398,578; Apr. 16.
Electronic device. J. S. Compton. 2,398,771; Apr. 23.
Electronic device. R. E. Mumma and F. X. Bucher. 2,398,150; Apr. 9.
Electronic device. A. G. Thomas. 2,409,454; Oct. 15.
Electronic device and circuits. A. M. Skellett. 2,402,188; June 18.
Electronic device and control means therefor. J. R. Desch. 2,403,852; July 9.
Electronic device and control means therefor. R. E. Mumma. 2,405,095; July 30.
Electronic device, Ultra high frequency. A. E. Bowen. 2,408,409; Oct. 1.
Electronic device, Ultra high frequency. R. V. L. Hartley and A. L. Samuel. 2,407,274; Sept. 10.
Electronic devices. J. R. Desch and R. E. Mumma. 2,399,473; Apr. 30.
Electronic discharge device. H. J. Dailey. 2,396,772; Mar. 19.
Electronic discharge device. P. L. Spencer. 2,411,601; Nov. 26.
Electronic electroresponsive apparatus. O. W. Livingston. 2,404,643; July 23.
Electronic energy conversion and control system. J. B. Reeves. 2,400,599; May 21.
Electronic ignition system. O. T. Francis. 2,409,202; Oct. 15.
Electronic phase bridge. R. H. Brown. 2,394,892; Feb. 12.
Electronic relay. W. F. Wolfner, II. 2,413,020; Dec. 24.
Electronic switch. J. F. Farrington. 2,413,440; Dec. 31.
Electronic switch. W. A. Miller. 2,402,917; June 25.
Electronic switch. J. E. Smith and E. R. Shenk. 2,396,395; Mar. 12.
Electronic telegraph transmitter distributor. J. R. Wilkerson. 2,412,642; Dec. 17.
Electronic timer. L. F. Mayle. 2,412,092; Dec. 3.
Electronic timing system. W. Few. 2,412,571; Dec. 17.
Electronic translating device. H. Ziebolz. 2,399,420; Apr. 30.
Electronic tube. W. W. Eitel and J. A. McCullough. 2,400,082; May 14.
Electronic tube. W. W. Eitel and J. A. McCullough. 2,401,059; May 28.
Electronic tube. W. W. Eitel and J. A. McCullough. 2,402,319; June 18.
Electronic tube testing apparatus. E. H. Sharkey. 2,412,231; Dec. 10.
Electronic tubes, Making. G. A. Becker. 2,401,040; May 28.
Electronic voltage regulator. A. F. Brewer. 2,398,916; Apr. 23.

Electrophoresis apparatus. L. A. Chambers and H. K. Hartline. 2,412,602; Dec. 1.
Electroplating. R. H. Burns. 2,393,516; Jan. 22.
Electroplating. E. W. Rieger and C. J. Klein. 2,399,254; Apr. 30.
Electroplating tin. W. B. Cooper and C. E. Glock. 2,392,646; Jan. 8.
Electro-renning of nickel. L. S. Renzoni. 2,394,874; Feb. 12.
Electrosignal warning device. S. Hurwitz. 2,391,974; Jan. 1.
Electrostatic precipitator apparatus. M. Newman. 2,397,197; Mar. 26.
Electrostatic separation of material particles. B. Horsfield. 2,392,044; Jan. 1.
Electrotherapeutic system, Wave guide. G. C. Southworth. 2,407,690; Sept 17.
Electrotyping. F. W. Kreber, B. W. Gonser, and R. M. Schaffert. 2,400,518; May 21.
Element and joint strut. M. Watter. 2,405,917; Aug. 13.
Element for machine tools, Frame. P. S. Jackson. 2,399,187; Apr. 30.
Element for polarized light, Reflecting. A. F. Turner. 2,409,407; Oct. 15.
Elements from well bores, Recovering. C. R. Edwards. 2,394,759; Feb. 12.
Elevating and sampling apparatus, Commodity. O. M. Harlow. 2,404,373; July 23.
Elevating and steering mechanism for aircraft. H. Schmitt. 2,405,907; Aug. 13.
Elevating end gate. O. R. Pringle. 2,405,054; July 30.
Elevating platform apparatus. R. E. Hogan. 2,411,966; Dec. 3.
Elevator. A. Chantland. 2,403,636; July 9.
Elevator. J. Dunlop. 2,408,757; Oct. 8.
Elevator. J. Dunlop. 2,408,760; Oct. 8.
Elevator. J. Dunlop and L. R. Rissler. 2,408,763; Oct. 8.
Elevator. C. E. Ellis. 2,405,691; Aug. 13.
Elevator. H. E. Schrader. 2,394,638; Feb. 12.
Elevator. V. R. Smith. 2,395,075; Feb. 19.
Elevator, Baled hay. E. Lisota. 2,408,863; Oct. 8.
Elevator, Casing. R. A. Coe. 2,392,462; Jan. 8.
Elevator control system. J. Dunlop. 2,409,198–9; Oct. 15.
Elevator, Deck-edge. J. Dunlop. 2,408,759; Oct. 8.
Elevator, Duplex rail assembling. H. C. Wauson and W. E. Bennett, Jr. 2,401,125; May 28.
Elevator, Fireplace wood. L. P. Brunette. 2,410,628; Nov. 5.
Elevator, Grain. C. E. Kaesler. 2,395,410; Feb. 26.
Elevator, Portable. E. K. Hansen. 2,400,086; May 14.
Elevator system. L. H. Kiesling. 2,411,882; Dec. 3.
Elevator, Wagon. G. Slavicek. 2,395,349; Feb. 19.
Eliminating device, Valve clearance. C. W. MacMillan. 2,404,241; July 16.
Eliminator for gyroscopic compasses, Damping. B. A. Wittkuhns and P. Chantemerle. 2,406,879; Sept. 3.
Eliminator for pressure regulators, Vibration. A. Salmonsen. 2,405,371; Aug. 6.
Eliminator for service cords and conductors of electrical apparatus, Vibration. A. M. Hathaway. 2,396,847; Mar. 19.
Elongation gauge. J. T. Banner. 2,392,899; Jan. 15.
Emergency control mechanism for aircraft. L. T. E. Thompson and R. H. Goddard. 2,395,435; Feb. 26.
Emergency hand pump selector valve. C. J. Strid. 2,397,299; Mar. 26.
Emergency lamp. E. Siemers. 2,404,753; July 23.
Emergency valve. A. H. Adams. 2,399,843; May 7.
Emollient compositions. A. Ka Epstein and M. Katzman. 2,398,296; Apr. 9.
Emulsifying agents produced from glycol glucosides and their production. W. C. Griffin. 2,407,003; Sept. 3.
Emulsion. W. H. Alton and F. E. Hutchins. 2,409,338; Oct. 15.
Emulsion and preparing same, Bituminous. W. D. Buckley and E. P. Bly. 2,392,457; Jan. 8.
Emulsion, Breaking petroleum. M. De Groote and B. Keiser. 2,400,394; May 14.
Emulsion copolymerizates and producing same, Synthetic rubberlike. B. M. Vanderbilt. 2,393,206; Jan. 15.
Emulsion polymerizates. Production of. B. M. Vanderbilt and H. J. Rose. 2,400,578; May 21.
Emulsion polymerization of conjugated diolefins, Promoting the. A. H. Gleason and W. J. Sparks. 2,393,157; Jan. 15.
Emulsion polymerization process. H. B. Kellog and W. J. Sparks. 2,397,146; Mar. 26.
Emulsion, Sensitized photographic. B. H. Carroll and J. Spence. 2,395,846; Mar. 5.
Emulsions. A. K. Epstein and M. Katzman. 2,398,295; Apr. 9.
Emulsions and methods, Photographic. G. B. Crouse, F. A. Holt, and J. L. Jatlow. 2,401,051; May 28.
Emulsions, Bituminous. J. E. Fratis and E. H. Oakley. 2,406,823; Sept. 3.
Emulsions, Film forming. I. L. Griffin, D. E. Truax, and N. B. Nuttall. 2,413,320; Dec. 31.
Emulsions, Improving the sensitivity characteristics of. W. F. Smith and R. E. Stauffer. 2,410,690; Nov. 5.
Emulsions, Manufacturing of photographic. T. T. Baker. 2,403,327; July 2.
Emulsions of vinyl esters, Stable. H. M. Collins and M. Klar. 2,398,344; Apr. 16.
Emulsions, Processing of certain nongelatin. J. I. Crabtree and G. T. Eaton. 2,409,107; Oct. 8.
Emulsions, Resolving oil-in-water. L. T. Monson, W. W. Anderson, and F. W. Jenkins. 2,407,895; Sept. 17.
Emulsions resulting from acidization of calcareous oil-bearing strata, Composition of matter and preventing water-in-oil type. M. De Groote and B. Keiser. 2,400,395; May 14.
Emulsions, Stabilized silver halide. F. W. H. Mueller. 2,394,198; Feb. 5.
Emulsions, Treating. W. O. Webber. 2,409,005; Oct. 8.
Enamel composition. B. W. King, Jr. 2,396,856; Mar. 19.
Enamel compositions, Glass. R. F. Morrison and W. C. Morris. 2,396,873; Mar. 19.
Enamels, Opacification of vitreous. I. and W. Kreidl. 2,399,233; Apr. 30.
Enamels, Opaque vitreous. I. and W. Kreidl. 2,399,232; Apr. 30.
Enciphering and deciphering system. L. A. Briggs and J. A. Spencer. 2,401,855; June 11.
Enciphering and deciphering system. C. I. Cronburg. 2,403,888; July 9.
Enciphering and deciphering system. R. E. Mathes. 2,401,877; June 11.
Enclosed switch. E. W. Landmeier. 2,404,183; July 16.
Enclosure. C. C. Willis. 2,405,539; Aug. 6.
Enclosure for bassinets. R. Valverde. 2,409,083; Oct. 8.
End connection, Extended. T. J. Hollenkamp. 2,409,207; Oct. 15.
End seaming mechanism, Can. J. Brenzinger. 2,410,263; Oct. 29.
End stop for flexible stringers. L. H. Morin. 2,398,592; Apr. 16.
Endoethylene halocyclopentanoindanes. H. A. Bruson. 2,405,183; Aug. 6.
Endomethylene-hexahydro-fluorene isothiocyanate, Rearranged. H. A. Bruson and T. W. Riener. 2,393,746; Jan. 29.
Endothermic catalytic reactions in the gas phase, Process and apparatus for performing. R. Witkiewicz. 2,397,899; Apr. 2.
Energy converting means for internal-combustion engine, Exhaust. R. Birmann. 2,406,656; Aug. 27.
Energy, Production of high impulses of. H. List. 2,394,316; Feb. 5.
Energy supply, Uniform. H. A. Strickland, Jr. 2,406,715; Aug. 27.
Engaging and disengaging mercury clutch. H. J. Zimmermann. 2,412,378; Dec. 10.
Engine: *See*—

Carding engine.	Portable engine.
Combustion engine.	Reciprocating engine.
Diesel engine.	Rotary combustion engine.
Differential convertible gasoline-Diesel engine.	Rotary engine.
Double-acting engine.	Rotary internal-combustion engine.
Dual fuel engine.	Sleeve valve engine.
Elastic fluid engine.	Steam engine.
Fluid-pressure engine.	Supercharged internal-combustion engine.
Free piston internal-combustion engine.	Turbine engine.
Fuel injection engine.	Two-cycle engine.
Gas engine.	Two-cycle internal-combustion engine.
Internal-combustion engine.	Two-stroke engine.
Miniature gasoline engine.	Two-stroke cycle internal-combustion engine.
Opposed piston two-cycle engine.	Two stroke piston control engine.
Piston engine.	

Engine. J. B. Brockhurst. 2,410,565; Nov. 5.
Engine. C. E. Frank. 2,401,630; June 4.
Engine. C. E. Frank. 2,409,031; Oct. 8.
Engine. W. G. Gernandt. 2,401,631; June 4.
Engine. W. G. Gernandt and A. E. Walden. 2,409,034; Oct. 8.
Engine. P. L. Goebel. 2,397,734; Apr. 2.
Engine. R. M. Heintz. 2,411,571; Nov. 26.
Engine. C. A. Holman. 2,392,921; Jan. 15.
Engine. C. N. Kahl. 2,398,378; Apr. 16.
Engine. C. M. Kahl. 2,399,743; May 7.
Engine. J. W. Kinnucan and F. L. Prescott. 2,400,830; May 21.
Engine. A. J. Meyer. 2,408,800; Oct. 8.
Engine. K. F. E. Schoenfeld and E. W. Fowler. 2,404,752; July 23.
Engine. A. E. Walden. 2,393,667; Jan. 29.
Engine accessory drive. W. E. Brill. 2,403,905; July 16.
Engine and engine cooling method. J. F. Furry. 2,408,386; Oct. 1.
Engine and making parts thereof. A. G. Herreshoff. 2,402,889; June 25.
Engine and process, Combustion. F. Nettel. 2,396,524; Mar. 12.
Engine and sealing the same, Rotary. H. D. Rice. 2,396,882; Mar. 19.
Engine block water heater. A. P. Olson. 2,400,838; May 21.
Engine control. E. C. Wahlberg. 2,399,772; May 7.

Engine control mechanism. E. O. Wirth. 2,393,440; Jan. 22.
Engine control system. E. C. Wahlberg. 2,400,580; May 21.
Engine controller. E. M. Claytor. 2,397,534; Apr. 2.
Engine cooling apparatus. H. J. Findley. 2,396,000; Mar. 5.
Engine cooling system. A. T. Gregory. 2,393,899; Jan. 29.
Engine cylinders and manifolds, Assembly of. W. A. Ledwith. 2,412,344; Dec. 10.
Engine exhaust power system, Supercharged. S. B. Crary. 2,412,970; Dec. 24.
Engine for low test fuel, High-compression. B. C. Fisher. 2,392,371; Jan. 8.
Engine frame. E. S. Hall. 2,406,292; Aug. 20.
Engine ignition controlling device. C. W. MacMillan. 2,394,792; Feb. 12.
Engine indicator. K. J. De Juhasz. 2,392,581; Jan. 8.
Engine induction apparatus. P. W. Pratt. 2,397,327; Mar. 26.
Engine lubrication system. E. C. Steiner. 2,393,833–4; Jan. 29.
Engine mixture control, Airplane. S. M. Udale. 2,399,078; Apr. 23.
Engine nacelle installation for aircraft. A. A. Gassner. 2,398,704; Apr. 16.
Engine or pump, Sliding vane. A. C. Bradford. 2,410,596; Nov. 5.
Engine primer. A. L. Parker and J. F. Melichar. 2,412,532; Dec. 10.
Engine starter. E. N. Jacobi. 2,400,554; May 21.
Engine starter gearing. J. E. Buxton. 2,394,531; Feb. 12.
Engine starter gearing. E. E. Hood. 2,394,690; Feb. 12.
Engine starting apparatus. W. G. Weatherly. 2,404,419; July 23.
Engine starting mechanism. R. M. Nardone. 2,412,829; Dec. 17.
Engine valve mechanism, Steam. C. R. Briggs. 2,392,360; Jan. 8.
Engine valve mounting. F. G. Hobart. 2,407,422; Sept. 10.
Engine work stand. G. E. Bock. 2,409,468; Oct. 15.
Engines, Balancing of reciprocating. W. H. Purdle. 2,398,961; Apr. 23.
Engines, Cooling system for internal-combustion. W. W. Muir. 2,399,651; May 7.
Engines, Electrical heater for liquid cooled. S. Urbant and R. L. P. Braun. 2,401,847; June 11.
Engines in aircraft, Cooling of. F. B. Halford and C. L. Cowdrey. 2,405,422; Aug. 6.
Engines, Method of and apparatus for starting. A. G. Bodine, Jr. 2,410,403; Nov. 5.
Engines operating coaxial shafts. J. B. Brockhurst. 2,410,958; Nov. 12.
Engines, Piston for internal-combustion. W. Harper, Jr. 2,400,503; May 21.
Engines, Power transmission mechanism for aircraft. P. E. Mercier. 2,401,365; June 4.
Engines, Starting control circuit for. A. J. Smith. 2,400,216; May 14.
Ensilage blower, Double feed. E. F. Huddle. 2,410,943; Nov. 12.
Entrainment separator. C. B. Schneible. 2,403,830; July 9.
Envelope. F. E. Carroll. 2,399,000; Apr. 23.
Envelope and opener combined. M. Velazquez. 2,396,543; Mar. 12.
Envelope and writing sheet, Combined. H. F. Auger. 2,410,858; Nov. 12.
Envelope machine. J. L. Oberender. 2,407,174; Sept. 3.
Envelope, Receipt. J. E. Kosteling. 2,402,821; June 25.
Envelope, Self-addressing. E. Moen. 2,405,511; Aug. 6.
Envelopes and the like, Closure for. A. L. Godoy. 2,400,406; May 14.
Epsilon-caprolactam, Purification of. E. L. Martin. 2,405,969; Aug. 20.
Equalizing system. P. C. Collins. 2,400,685; May 21.
Equalizing system for vehicles, Suspension and load. D. H. Spangler. 2,403,833; July 9.
Equilibrator. J. F. Joy. 2,392,387; Jan. 8.
Equipment, Communications. W. H. Gilman. 2,413,345; Dec. 31.
Equipment for aircraft, Pressurizing. N. C. Price. 2,405,670; Aug. 13.
Equipment for observing dial tone speed. M. P. Willis. 2,405,339; Aug. 6.
Equipment for tractors, Power-operated. J. F. Laughead. 2,403,808; July 9.
Equipment for vehicle brakes, Load-gear. B. H. Browall. 2,394,038; Feb. 5.
Equipment, Railroad track. W. C. Heidenthal. 2,398,935; Apr. 23.
Eradicator, Fountain pen and ink. S. Lehman. 2,393,111; Jan. 15.
Eraser. C. A. Brewer. 2,406,487; Aug. 27.
Eraser, Adjustable. F. C. Peterson. 2,403,235; July 2.
Eraser composition. S. H. Southard. 2,404,322; July 16.
Eraser for mechanical pencils. M. E. Savoie. Re. 22,717; Feb. 5.
Erasing attachment for typewriters. C. R. Bennett. 2,394,139; Feb. 15.
Erasing machine. C. B. Fisher. 2,398,823; Apr. 23.
Erection device for gyroscopes. L. F. Carter. 2,408,044; Sept. 24.
Erecting gyro vertical instruments. R. S. Curry, Jr. 2,408,411; Oct. 1.
Error compensating means, Northerly turning. F. West, Jr. 2,400,582; May 21.
Erythrina alkaloids, Production of. K. Folkers and R. T. Major. 2,412,356; Dec. 10.
Escape and balance staff. A. J. Kleiner. 2,392,745; Jan. 8.
Escapement. M. H. Rhodes. 2,408,998; Oct. 8.
Escapement mechanism. M. S. Gettig and H. E. Engelbaugh. 2,405,947; Aug. 20.
Esteramides. M. De Groote and B. Keiser. 2,411,957; Dec. 3.
Ester and polymer thereof, Unsaturated carbonate. I. E. Muskat and F. Strain. 2,403,113; July 2.
Ester fibers, Modified cellulose. R. E. Fothergill, J. W. Hill, and A. A. Johnson. 2,406,755; Sept. 3.
Ester interpolymer fibers, Hydrolyzed vinyl. A. F. Smith. 2,403,464; July 9.
Ester, Nitrogenous. W. S. Emerson. 2,399,479; Apr. 30.
Ester polymers, Preparation of. W. F. Gresham. 2,398,602; Apr. 2.
Ester resin compositions. W. H. Butler. 2,397,240; Mar. 26.
Ester-salts of leuco quinones, Manufacture of sulphuric. H. Z. Lecher, M. Scalera, and C. T. Lester. 2,403,226; July 2.
Esterification reactions. S. B. Luce. 2,411,136; Nov. 12.
Esters. M. Hunt. 2,396,789; Mar. 19.
Esters. C. M. Langkammerer. 2,393,327; Jan. 22.
Esters and copolymers thereof, Methacrylic. B. E. Ostberg. 2,397,287; Mar. 26.
Esters and manufacturing, Di-phosphorus. E. F. Engelke. 2,403,792; July 9.
Esters, and polymers thereof, Unsaturated. I. E. Muskat and F. Strain. 2,399,286–7; Apr. 30.
Esters and polymers thereof, Unsaturated. I. E. Muskat and F. Strain. 2,401,581; June 4.
Esters and producing same. K. Miescher and J. Heer. 2,395,934; Mar. 5.
Esters and producing same, Glycol. F. F. Nord. 2,403,876; July 9.
Esters, Catalytic polymerization of unsaturated. D. E. Adelson, R. P. Ruh, and H. F. Gray, Jr. 2,402,481–6; June 18.
Esters, Formic acid. E. P. Bartlett. 2,405,936; Aug. 20.
Esters, High molecular polyhydric. E. W. Eckey and J. E. Taylor. 2,413,613; Dec. 31.
Esters of alkyl-substituted alkoxy benzoid acids, Amino alcohol. W. G. Christiansen and S. E. Harris. 2,409,663; Oct. 22.
Esters of α-formylphenaceturic acid and preparing the same. S. Kushner. 2,394,967; Feb. 12.
Esters of carbonic acid and polymers thereof, Unsaturated. M. A. Pollack. 2,407,446; Sept. 10.
Esters of cellulose, Manufacture of higher fatty acid. J. W. Fisher. 2,400,494; May 21.
Esters of dimethylaminoethanol useful as local anesthetics. R. S. Shelton and M. G. Van Campen, Jr. 2,409,001; Oct. 8.
Esters of endoalkylene hydroaromatic acids. H. G. Goodman, Jr. 2,399,345; Apr. 30.
Esters of halo aryloxy alcohols, Unsaturated. G. H. Coleman and B. C. Hadler. 2,394,512; Feb. 5.
Esters of hydrolyzed ethylene-vinyl organic ester interpolymers, Sulphur-containing. W. H. Sharkey. 2,395,347; Feb. 19.
Esters of hydroxydihydronorpolycyclopentadienes. H. A. Bruson. 2,395,452; Feb. 26.
Esters of lactic and alpha-acetoxypropionic acids, Allyl and methallyl. C. E. Rehberg and C. H. Fisher. 2,410,551; Nov. 5.
Esters of molecularly dehydrated phosphoric acids, Producing neutral. W. H. Woodstock. 2,402,703; June 25.
Esters of 1-aryl-cycloalkyl-1-carboxylic acids and their manufacture, Basic. H. Martin and F. Hüfliger. 2,404,588; July 23.
Esters of pentahalophenoxyalkanols. C. W. MacMullen. 2,401,261; May 28.
Esters of phosphoric acid, Preparation of neutral. D. C. Hull and J. R. Snodgrass. 2,407,279; Sept. 10.
Esters of secondary phenolic amines. J. S. Buck and L. Reiner. 2,400,038; May 7.
Esters of thio-acids, Chloraralkyl. E. S. Blake. 2,396,487; Mar. 12.
Esters of 12-hydroxystearic acid. M. J. Hunter and H. N. Fenn. 2,397,008; Mar. 19.
Esters, Preparation of unsaturated. N. M. Bortnick. 2,393,737; Jan. 29.
Esters, Preparing. F. Strain. 2,392,621; Jan. 8.
Esters, Producing. K. H. Engel. 2,408,744; Oct. 8.
Esters, Producing. N. B. Tucker. 2,399,959; May 7.
Esters, Production of. J. E. Mahan. 2,408,940; Oct. 8.
Esters, Production of allyl type. H. L. Yale. 2,400,727; May 21.
Esters, Production of vinyl. P. D. Coppock and D. J. Hadley. 2,398,820; Apr. 23.

Esters, Sulphur-containing. H. D. Porter and A. Weissberger. 2,396,879; Mar. 19.
Esters, Thiocyano substituted carboxylic acid. J. N. Borgin. 2,400,095; May 14.
Esters, Treatment of cellulosic organic acid. R. W. Nobel. 2,395,421; Feb. 26.
Estrogenic compounds, Racemic. R. C. Tallman and A. H. Stuart. 2,400,034; May 7.
Estrogenic substances. R. C. Tallman and A. H. Stuart. 2,400,033; May 7.
Etching, Aluminum. G. F. Coggins. 2,396,685; Mar. 19.
Etching of steel plates, Electrolytic. A. R. Kreck. 2,394,190; Feb. 5.
Ethanolamine. D. J. Loder. 2,395,281; Feb. 19.
Ether composition, Cellulose. L. A. Rauner and M. J. Hunter. 2,399,602; Apr. 30.
Etherification process. A. P. Llen. 2,399,126; Apr. 23.
Ethers, Manufacture of vinyl. W. J. R. Evans. 2,404,700; July 23.
Ethers of endoethylene-substituted cyclopentanols. H. A. Bruson. 2,411,516; Nov. 26.
Ethers of hydroxydihydronordicyclopentadiene, Unsaturated. H. A. Bruson. 2,393,608; Jan. 29.
Ethers of hydroxydihydronorpolycyclopentadienes. H. A. Bruson. 2,394,582; Feb. 12.
Ethers of polyhydric alcohols, Cyanoalkyl. H. A. Bruson. 2,401,607; June 4.
Ethers of secondary nitroalkanes and preparing them. M. Senkus. 2,393,827; Jan. 29.
Ethers, Preparation of starch. P. L. Nichols, Jr., and R. M. Hamilton. 2,405,973; Aug. 20.
Ethers, Producing celluiose. W. J. Burke. 2,398,767; Apr. 23.
Ethers, Production of dialkyl. H. J. West. 2,397,826; Apr. 2.
Ethers, Production of methylol urea. H. J. West 2,397,825; Apr. 2.
Ethers, Sulphonated. C. Graenacher, J. Frei, and J. Meyer. 2,399,434; Apr. 30.
Ethylbenzene, Production of. L. Schmerling. 2,409,802; Oct. 22.
Ethyl chloride, Manufacture of. E. Galitzenstein and C. Woolf. 2,398,179; Apr. 9.
Ethyl chloride, Preparation of. R. P. Carter. 2,396,639; Mar. 19.
Ethyl halides, Preparation of. D. C. Bond and M. Savoy. 2,412,550; Dec. 10.
Ethylene-acetal reaction product. M. D. Peterson and A. G. Weber. 2,395,292; Feb. 19.
Ethylene alkylation. R. E. Woodward, W. P. Hawthorne, and J. R. Meadow. 2,409,090; Oct. 8.
Ethylene glycol and ethyl acetate, Producing. A. S. Ramage. 2,398,157; Apr. 9.
Ethylene mixed feeds, Alkylation of. C. S. Lynch and H. G. Coder. 2,405,968; Aug. 20.
Ethylene oxide compounds and preparing the same, Substituted. F. H. Tendick. 2,393,129; Jan. 15.
Ethylene polymerization. M. J. Roedel. 2,409,996; Oct. 22.
Ethylene polymerization process. A. T. Larson. 2,396,920; Mar. 19.
Ethylene, Polymerizing. A. T. Larson and N. W. Krase. 2,405,962; Aug. 20.
Ethylene, Polymerizing. H. S. Young. 2,394,960; Feb. 12.
Ethylene polymers, Preparing. L. Squires. 2,395,381; Feb. 19.
Ethylene, Purification of. E. F. Wadley and J. T. Horecz. 2,408,010; Sept. 24.
Ethylene with other polymerizable substances, Polymerization of. W. E. Hanford and J. R. Roland. 2,397,260; Mar. 26.
Evaporation losses, Reducing. P. J. Harrington. 2,406,540; Aug. 27.
Evaporation process. R. M. Laird. 2,392,093; Jan. 1.
Evaporation process. R. M. Switzer. 2,394,643; Feb. 12.
Evaporation tower for cooling suspensions. C. R. Hocott. 2,403,719; July 9.
Evaporative cooler. B. Essick. 2,404,479; July 23.
Evaporative cooler. L. V. Seaman. 2,396,024; Mar. 5.
Evaporator. O. J. Kuenhold, Sr. 2,394,698; Feb. 12.
Evaporator, J. J. McAndrews. 2,392,255; Jan. 1.
Evaporator. W. R. Williamson. 2,392,893; Jan. 15.
Evaporator, Fluid. J. A. Powell. 2,398,396; Apr. 16.
Evaporator for inert gas type absorption refrigerators, Two temperature. C. T. Ashby. 2,407,733; Sept. 17.
Evaporator for low-pressure refrigerants. J. G. Reid, Jr. 2,403,480; Oct. 1.
Evaporator for refrigeration. W. L. Morrison. 2,398,029; Apr. 9.
Evaporator, Refrigerant. G. R. Goldsmith. 2,407,827; Sept. 17.
Evaporator unit. J. H. Benson. 2,395,839; Mar. 5.
Evaporator unit. B. C. Johnson. 2,413,236; Dec. 24.
Evaporators, Agitator for cascade. C. R. Cash. 2,403,211; July 2.
Excavating device for subaqueous material. J. Kallx. 2,400,882; May 28.
Excavating machine, Trench. W. G. Van Voorhis. 2,409,334; Oct. 15.
Excavator. E. W. Austin. 2,395,244; Feb. 19.
Excavator. A. C. Cox. 2,394,428; Feb. 5.
Excavator, Earth. E. Schmacht. 2,404,926; July 30.
Excavator, Trench. W. M. Henderson. 2,411,210; Nov. 19.
Exchange apparatus, Heat. R. A. Bowman and J. P. Rathbun. 2,392,638; Jan. 8.
Exchange structure, Heat. C. J. Villier. 2,405,722; Aug. 13.
Exchange system, Telegraph. G. G. Light. 2,400,124; May 14.
Exchanger, Air-cooled heat. F. T. Elder, G. B. Farkas, and A. Y. Gunter. 2,401,918; June 11.
Exchanger, Heat. A. J. and I. F. Fausek. 2,402,881; June 25.
Exchanger, Heat. A. Y. Gunter. 2,399,484; Apr. 30.
Exchanger, Heat. W. R. Maguire and E. J. Lockwood 2,413,360; Dec. 31.
Exchanger, Heat. O. Rasmussen. 2,401,797; June 11.
Exchangers, Sulphited cation. E. L. Holmes. 2,393,249; Jan. 22.
Excluding means for sliding windows, Insect. F. F. Golkowski. 2,406,761; Sept. 3.
Exerciser, Leg. L. D. Herrick. 2,413,351; Dec. 31.
Exercising and amusement device. M. Nusbaum. 2,396,339; Mar. 12.
Exercising and game apparatus. L. G. Brunner. 2,408,160; Sept. 24.
Exercising apparatus. W. A. Drake. 2,399,915; May 7.
Exercising apparatus. F. C. Segalla. 2,397,054; Mar. 19.
Exercising device. T. H. Belling. 2,408,597; Oct. 1.
Exercising device. H. O. Costello. 2,400,105; May 14.
Exercising device. T. M. Eynon. 2,405,024; July 30.
Exercising device. P. S. Kusznir. 2,396,106; Mar. 5.
Exercising machine. G. Bergfors. 2,406,344; Aug. 27.
Exhaust tubulation for electronic discharge tubes. W. H. Small. 2,413,338; Dec. 31.
Exhauster. C. F. Zimmermann. 2,404,203; July 16.
Exhibiting instrument. H. M. Kirschbaum. 2,412,584; Dec. 17.
Exhibiting machine. B. A. Walker. 2,395,947; Mar. 5.
Exhibitor, Changeable. L. Grossman. 2,401,478; June 4.
Exhibitor, Data. G. Munro. 2,406,027; Aug. 20.
Exhibitor, Excessive speed. J. W. Bright. 2,409,537; Oct. 15.
Exothermic chemical reactions, Improvements in. H. Dreyfus. 2,393,240; Jan. 22.
Exothermic reaction charge. C. A. Cadwell. 2,398,768; Apr. 23.
Expander, Coupling. W. J. Strong. 2,394,341; Feb. 5.
Expander, Piston. F. E. Wells. 2,408,499; Oct. 1.
Expander, Piston ring. A. G. Fawns. 2,406,533; Aug. 27.
Expander, Piston ring. P. F. Zetnick. 2,397,900; Apr. 2.
Expanding head. A. L. Forbes, Jr. 2,413,103; Dec. 24.
Expansible wheel. A. Vonnegut. 2,410,536; Nov. 5.
Expansion and contraction joint. G. C. Mortenson. 2,405,844; Aug. 13.
Expansion chiller, Direct. E. A. Edmonds. 2,405,944; Aug. 20.
Expansion joint. J. V. Marancik and D. B. MacClymont. 2,404,447; July 23.
Expansion joint. J. V. Marancik and R. F. Mildrum. 2,406,234; Aug. 20.
Expansion joint arrangement. L. R. Biggs and W. J. Zimola. 2,393,137; Jan. 15.
Expansion joint dowel holder. R. R. Robertson. 2,401,964; June 11.
Expansion valve. V. R. Andrews. 2,399,088; Apr. 23.
Expansion valve. E. J. Dillman. 2,410,795; Nov. 5.
Expendible work holder. L. Benjamin. 2,392,453; Jan. 8.
Explosive and making. W. W. Vogl. 2,406,573; Aug. 27.
Explosive cartridge assembly. C. H. Cordie. 2,401,140; May 28.
Explosive charges and their manufacture, Brisant. J. Taylor and S. H. Davidson. 2,395,353; Feb. 19.
Explosive composition. R. C. Glogau. 2,407,151; Sept. 3.
Explosive composition. J. A. Wyler. 2,407,805; Sept. 17.
Explosive composition, Initiating. L. A. Burrows. 2,396,152; Mar. 5.
Explosive compositions comprising low freezing liquid mixtures of aromatic-nitro compounds. H. R. Wright and J. Taylor. 2,407,597; Sept. 10.
Explosive device. N. M. Hopkins. 2,402,552; June 25.
Explosive device. B. A. Wiener. 2,396,732; Mar. 19.
Explosive operated valve. I. Lubbock, G. J. Gollin, A. Lindsay, and H. J. Poole. 2,405,439; Aug. 6.
Explosive perchlorates of aliphatic nitrogenous compounds. W. W. Vogl. 2,406,572; Aug. 27.
Explosive, Stabilized. Le R. V. Clark. 2,405,189; Aug. 6.
Explosively blasting joints. L. A. Burrows and W. E. Lawson. 2,410,047; Oct. 29.
Explosives and products obtained thereby, Manufacture of detonating. V. H. Williams and H. R. Wright. 2,407,595; Sept. 10.
Explosives and their manufacture, Low density granular or powder. J. Whetstone. 2,409,919; Oct. 22.
Explosives, Manufacture of. M. L. Herzog. 2,394,449; Feb. 5.
Exposure meter. L. M. Arant. 2,394,835; Feb. 12.
Exposure meter. J. H. Miller. 2,408,944; Oct. 8.
Extensible stand. A. M. Starck. 2,409,075; Oct. 8.
Extension, Ladder. J. D. Chase. 2,408,372; Oct. 1.
Extension, Multiple. T. L. Johnson. 2,408,398; Oct. 1.

Extension plug. W. Billman. 2,406,128; Aug. 20.
Exterminator, Insect. K. L. Smith. 2,412,181; Dec. 3.
Extinguisher. J. B. Hinson. 2,406,685; Aug. 27.
Extinguisher, Automatic fire. D. C. Soper. 2,397,761; Apr. 2.
Extinguisher, Fire. J. K. Lumbar. 2,399,556; Apr. 30.
Extinguishing device, Fire. F. J. Lee. 2,404,804; July 30.
Extract of coffee and the extracting and preparing the same, Liquid. W. S. Fredrickson. 2,410,157; Oct. 29.
Extraction method. D. E. Stines. 2,400,378; May 14.
Extraction of drying oils, Solvent. O. S. Ransom and M. Zucker. 2,403,458; July 9.
Extraction of glycerine from fermentation residues. F. R. Balcar. 2,392,569; Jan. 8.
Extraction process. W. J. D. van Dijck. Re. 22,788; Sept. 3.
Extraction with sulphur dioxide. H. H. Meier. 2,402,425; June 18.
Extractive distillation with furfural. V. Scarth. 2,404,253; July 16.
Extractor; *See*—
Centrifugal extractor.
Fruit juice extractor.
Juice extractor.
Multiple contact countercurrent extractor.
Pneumodynamic extractor.
Extractor. R. F. Thompson. 2,400,962; May 28.
Extractor, Juice. P. Markowitz. 2,394,459; Feb. 5.
Extractor-switch mechanism for machine guns. C. G. Swebilius. 2,404,325; July 16.
Extractor tool for pressure cookers, Food jar. G. L. Miller. 2,396,334; Mar. 12.
Extractor, Weed. K. D. Stewart. 2,394,568; Feb. 12.
Extrusion apparatus. K. L. Berry and J. R. Downing. 2,403,476; July 9.
Extrusion apparatus. E. L. Luaces. 2,410,035; Oct. 29.
Extrusion apparatus. A. L. Sinclair and L. Stastney. 2,396,348; Mar. 12.
Extrusion device. W. L. Webb. 2,408,713; Oct. 1.
Extrusion machine. F. T. Griffiths. 2,404,630; July 23.
Extrusion machine. H. F. MacMillin and P. C. Pocock. 2,411,971; Dec. 3.
Extrusion press. U. Nissen. 2,392,336; Jan. 8.
Eye bending device. E. R. Goldfield and R. J. Stava. 2,393,364; Jan. 22.
Eyeglass hanger. A. Bongiovanni. 2,411,361; Nov. 19.
Eyeglasses. R. L. Malcom. 2,398,021; Apr. 9.
Eyeleting machine. S. R. Gookin. 2,410,495; Nov. 5.
Eye protection dev ce. G. H. Schanweker. 2,410,184; Oct. 29.
Eyeshield. J. E. Du Bois. 2,406,998; Sept. 3.
Eyeshield and welding hood, Auxiliary. R. E. Meyer. 2,406,092; Aug. 20.
Eyeshield, Collapsible type. D. P. Bernheim and M. M. Ginsberg. 2,409,243; Oct. 15.
Eyeshield, Horse. K. Miller. 2,407,029; Sept. 3.
Eyeshield, Industrial. R. L. Malcom. 2,409,140; Oct. 8.
Eye, Shuttle. A. Villani. 2,393,077; Jan. 15.
Eyrthrina alkaloid and its production. R. T. Major and K. Folkers. 2,407,713; Sept. 17.
Fabric; *See*—
Knitted terry fabric.
Laminated porous elastic fabric.
Netted fabric.
Producing textile fabric.
Wire reinforced fabric.
Woven fabric.
Fabric. H. Crawshaw. 2,412,562; Dec. 17.
Fabric. A. A. Kahil. 2,401,828–9; June 11.
Fabric. F. G. Manson and J. J. Maskey. 2,409,370; Oct. 15.
Fabric and making same, Decorative. L. Kaphan. 2,399,744; May 7.
Fabric and making same (dual elastic), Elastic. S. W. Alderfer. 2,396,483; Mar. 12.
Fabric and making same, Elastic. S. W. Alderfer. 2,396,482; Mar. 12.
Fabric and making same, Elastic. A. L. Wagler. 2,411,175; Nov. 19.
Fabric and making same, Three tone. G. V. Uihlein. 2,410,764; Nov. 5.
Fabric and making the same. A. A. Kahil. 2,401,830; June 11.
Fabric and making the same, Stabilized. E. C. Pfeffer, Jr., J. A. Tweed, and J. Jarmak. 2,409,894; Oct. 22.
Fabric articles, Preparation for treating launderable. H. Engler. 2,407,635; Sept. 17.
Fabric articles, Washing and drying. F. H. Berg. 2,408,749; Oct. 8.
Fabric, Composite. B. Lawrence, Jr. 2,410,884; Nov. 12.
Fabric for abrasive base, Pile. T. Riding. 2,397,808; Apr. 2.
Fabric for concrete constructions. W. Oakes. 2,406,559; Aug. 27.
Fabric for handbag, Articulated. V. Berkowitz 2,393,281; Jan. 22.
Fabric, Knitted. L. N. Feinstein. 2,403,793; July 9.
Fabric, Knitted. H. Fleisher. Re. 22,711; Jan. 22.
Fabric production, Ornamental. L. Kaphan. 2,397,743; Apr. 2.
Fabric take-up. O. Fregeolle. 2,406,285; Aug. 20.
Fabric tensioning means. F. G. and J. Weisbecker. 2,396,766; Mar. 19.
Fabric, Thermal. R. J. Fitzmaurice. 2,392,470; Jan. 8.
Fabric treatment. C. M. Croft and W. J. Cramer, Jr. 2,410,867; Nov. 12.
Fabric, Unified fibrous. W. Kellgren. 2,410,078; Oct. 29.
Fabric webs, Method and apparatus for handling. P. Cook. 2,411,414; Nov. 19.
Fabricated structure. M. Watter. 2,397,450; Mar. 26.
Fabricating machine, Container. C. Z. Monroe. 2,399,934; May 7.
Fabrication of discharge devices. J. E. Beggs. 2,411,184; Nov. 19.
Fabrication of polytetrafluoroethylene articles. J. Alfthan and J. L. Chynoweth. 2,396,629; Mar. 19.
Fabrics and making the same, Flame resistant and water repellent. J. L. Kurlychek. 2,406,779; Sept. 3.
Fabrics containing wool and cellulose acetate, Milling. A. S. Cluley and T. G. Allen. 2,407,602; Sept. 10.
Fabrics from alginic materials, Production of. J. B. Speakman and N. H. Chamberlain. 2,409,319; Oct. 15.
Fabrics, Making porous coated. T. G. Hawley, Jr. 2,400,990; May 28.
Fabrics, Production of laminating. A. Lyem. 2,409,704; Oct. 22.
Fabrics, Screen printing of necktie. J. C. McCurrach. 2,400,700; May 21.
Fabrics, Surface finishing impregnated. H. Snow and S. D. Pickard. 2,402,689; June 25.
Fabrics to inorganic solids, Bonding glass. H. W. Collins. 2,401,904; July 30.
Fabrics with locked selvages, Producing knitted. J. E. Patton. 2,401,505; June 4.
Face clutch. E. Wildhaber. 2,398,570; Apr. 16.
Face clutch. E. Wildhaber. 2,405,171; Aug. 6.
Facial cleaner. G. L. Lindblad. 2,408,860; Oct. 8.
Facing and boring device. P. J. Christman. 2,404,433; July 23.
Facing device, Valve. R. D. Sprung. 2,406,570; Aug. 27.
Facsimile apparatus. C. J. Young. 2,413,400; Dec. 31.
Facsimile system. E. M. Deloraine, H. G. Busignies, and L. A. de Rosa. 2,406,811; Sept. 3.
Facsimile system and apparatus. S. Khalil. 2,396,705; Mar. 19.
Facsimile system and method. E. M. Deloraine, H. G. Busignies, and L. A. de Rosa. 2,406,812; Sept. 3.
Fairing. H. B. Freeman. 2,397,957; Apr. 9.
Fairing and device for applying and removing the same, Cable. K. H. Wilcoxon. 2,401,783; June 11.
Fan. J. G. De Flon. 2,398,523; Apr. 16.
Fan. R. L. Lincoln. 2,400,240; May 14.
Fan. C. Poff. 2,396,749; Mar. 19.
Fan and eyeshield, Combination. H. A. Husted. Re. 22,796; Oct. 1.
Fan and eye shield, Combination. H. A. Husted. 2,392,671; Jan. 8.
Fan and heater, Combined electric. L. B. Green.
Fan and motor mounting. T. H. Troller and C. P. Jenkins. 2,397,171; Mar. 26.
Fan and motor structure. T. H. Troller and C. P. Jenkins. 2,397,169; Mar. 26.
Fan and motor unit. C. P. Jenkins. 2,397,170; Mar. 26.
Fan, Axial flow. H. F. Hagen. 2,393,042; Jan. 15.
Fan control, Engine. W. R. Bonham. 2,406,486; Aug. 27.
Fan, Engine cooling. A. Chilton. 2,396,232; Mar. 12. 2,391,964; Jan. 1.
Fan wheel. A. F. L. Anderson. 2,392,113; Jan. 1.
Fashion mechanism. O. Fregeolle. 2,411,255; Nov. 19.
Fastener; *See*—
Adjustable clothesline fastener.
Closure fastener.
Covered separable fastener.
Cowl fastener.
Crown fastener.
Electric contact snap fastener.
Hair fastener.
Laundryproof fastener.
Push fastener.
Rail fastener.
Roofing fastener.
Sash fastener.
Secret fastener.
Separable fastener.
Sheet fastener.
Sheet-metal fastener.
Slide fastener.
Sliding clasp fastener.
Snap fastener.
Swingable closure fastener.
Temporary fastener.
Topped fastener.
Venetian blind rail and tape fastener.
Window fastener.
Fastener. H. S. Clark and C. S. Head. 2,393,088; Jan. 15.
Fastener. K. Elsele. 2,406,007; Aug. 20.
Fastener. N. L. Gidden. 2,404,169; July 16.
Fastener. S. W. Leming. 2,397,278; Mar. 26.
Fastener. R. W. Luce. 2,409,702; Oct. 22.
Fastener. R. W. Luce. 2,413,510; Dec. 31.
Fastener. E. L. Mack. 2,396,736; Mar. 19.
Fastener. L. A. Paley and W. H. Young. 2,392,179; Jan 1.
Fastener. J. W. Simmons. 2,392,704; Jan. 8.
Fastener. G. J. Soderberg. 2,398,603; Apr. 16.
Fastener. P. Van Sittert. 2,397,892; Apr. 2.
Fastener. P. Van Sittert. 2,411,914; Dec. 3.
Fastener assembly. R. W. Allen. 2,396,142; Mar. 5.
Fastener assembly. M. Hattan. 2,410,441; Nov. 5.
Fastener device. O. J. Poupitch. 2,395,141; Feb. 19.
Fastener device, Closure. H. Auslander and I. M. Krischer. 2,402,939; July 2.
Fastener device, Slide. H. L. Williams and P. S. Kellum. 2,394,732; Feb. 12.
Fastener driving machine, Electric. J. J. Oussani. 2,403,947; July 16.
Fastener element, Slide. G. A. Stiff. 2,394,211; Feb. 5.

Fastener for edges of wearing apparel and the like. D. Blair. 2,406,528; Aug. 27.
Fastener for electric fence insulators, Adjustable. H. C. Johnson. 2,409,491; Oct. 15.
Fastener for paper forms and the like. A. P. Terry. 2,396,030; Mar. 5.
Fastener for positioning, aligning, and securing plates for welding. R. W. and H. H. McLaren. 2,404,857; July 30.
Fastener for wrist watch bands. J. Fikuart. 2,399,667; May 7.
Fasteners, Applicator for belt. H. L. Coats. 2,404,041; July 16.
Fasteners, Applicator for V-belt. H. L. Coats. 2,400,629; May 21.
Fasteners, Cap for snap. O. J. Hueister. 2,402,627–30; June 25.
Fasteners, Casting separable. L. H. Morin. 2,392,684; Jan. 8.
Fasteners, Method and apparatus for manufacturing slide. M. Voity. 2,396,727; Mar. 19.
Fasteners, Tape for slide. J. E. Fite, Jr. 2,400,924; May 28.
Fastening device. C. E. Annett, 2d, and M. Armstrong. 2,409,180; Oct. 15.
Fastening device. J. P. Butterfield. 2,411,364; Nov. 19.
Fastening device. Emanuel Gisondi. Re. 22,758; May 21.
Fastening device. E. Gisondi. 2,398,784; Apr. 23.
Fastening device. R. L. Hallock. 2,404,372; July 23.
Fastener device. T. Harada. 2,402,813; June 25.
Fastening device R. A. Hartman. 2,398,374; Apr. 16.
Fastening device. A. G. Herreshoff. 2,405,424; Aug. 6.
Fastening device. A. G. Herreshoff and W. Lamb. 2,407,928; Sept. 17.
Fastening device. C. H. Judd and C. Giammatteo. 2,407,608–9; Sept. 10.
Fastening device. W. R. MacCluney. 2,407,758; Sept. 17.
Fastening device. M. J. Marty. 2,399,750; May 7.
Fastening device. A. C. Olsen. 2,404,245; July 16.
Fastening device. O. J. Poupitch. 2,401,184; May 28.
Fastening device. O. J. Poupitch. 2,405,925; Aug. 13.
Fastening device. O. J. Poupitch. 2,408,340; Sept. 24.
Fastening device. L. H. Steans and E. R. Andrews. 2,408,153; Sept. 24.
Fastening device. G. C. Sullivan. 2,403,247; July 2.
Fastening device. H. Taylor. 2,397,889; Apr. 2.
Fastening device. A. H. Tinnerman. 2,396,062; Mar. 5.
Fastening device. G. A. Tinnerman. 2,394,728–9; Feb. 12.
Fastening device. G. A. Tinnerman. 2,399,957–8; May 7.
Fastening device. G. A. Tinnerman. 2,400,142; May 14.
Fastening device. G. A. Tinnerman. 2,400,270; May 14.
Fastening device. G. A. Tinnerman. 2,400,666; May 21.
Fastening device. G. A. Tinnerman. 2,401,202; May 28.
Fastening device. G. A. Tinnerman. 2,401,672; June 4.
Fastening device. G. A. Tinnerman. 2,405,913; Aug. 13.
Fastening device. G. A. Tinnerman. 2,406,415; Aug. 27.
Fastening device, Garment. E. Di Ianni. 2,407,969; Sept. 17.
Fastening device, Releasable. S. B. Dina. 2,401,817; June 11.
Fastening device, Sheet metal. H. W. Kost. 2,404,236; July 16.
Fastening devices and manufacture thereof. V. V. Mason. 2,407,314; Sept. 10.
Fastening for business machines. E. C. Wick. 2,395,156; Feb. 19.
Fastening-inserting machine. E. C. Gill. 2,408,845; Oct. 8.
Fastening inserting machine. W. T. B. Roberts. 2,400,601; May 21.
Fastening-inserting machine. F. E. Stratton. 2,396,349; Mar. 12.
Fastening means. K. Emde. 2,397,780; Apr. 2.
Fastening means. J. Siegel. 2,404,271; Aug. 6.
Fastening means. R. Van Rosen. 2,405,914; Aug. 13.
Fastening means for fountain pens, Cap. K. G. Lytton. 2,396,866; Mar. 19.
Fastening means, Rail. R. T. Scholes. Re. 22,776; Aug. 6.
Fastening pulling machine. L. E. Stelmen. 2,403,621; July 9.
Fastening, Turboblade. W. Huber. 2,401,073; May 28.
Fat-frying compositions. R. L. Lloyd and B. F. Buchanan. 2,401,259; May 28.
Fat-soluble vitamin ester concentrates, Production of. C. E. Dryden and L. O. Buxton. 2,404,365; July 23.
Fats and oils by addition of olive and coconut color, odor and flavor derived from olive and coconut juices and the resultant product, Improving. J. H. Forkner. 2,411,201; Nov. 19.
Fats and oils, Stabilization of. D. K. O'Leary. 2,397,976; Apr. 9.
Fats, fatty acids, and waxes, Refining, purifying, and hydrogenating. I. Taussky. 2,413,009; Dec. 24.
Fats or oils, Purification of unsaponifiable fractions of. L. O. Buxton. 2,400,101; May 14.
Fats, Refining. G. B. Bradshaw and W. C. Meuly. 2,399,492; Apr. 16.
Fatty amide polymers. W. L. Morgan and E. D. McLeod. 2,410,788–9; Nov. 5.
Fatty amine salts of acid phosphate di-esters. H. G. Smith and T. L. Cantrell. 2,403,762; July 9.
Fatty substances, Recovery of. I. A. Parfentjev. 2,395,790; Feb. 26.
Fatty substances, Treatment of vegetable. R. P. Dunmire. 2,401,338; June 4.
Faucet. A. H. Huberstump. 2,392,918; Jan. 15.
Faucet. R. M. Wilson. 2,408,541; Oct. 1.
Faucet attachment. J. C. Thomas, III. 2,404,549; July 23.
Faucet for beverages, Mixing. C. W. Lloyd. 2,408,664; Oct. 1.
Faucet, Locked. R. M. Wilson. 2,403,837; July 9.
Faucet, Mixing. C. V. Di Pietro. 2,401,914; June 11.
Feathers, Production of modified. E. Havemann. 2,395,271; Feb. 19.
Feed bar for pens, Hooded. R. Back. 2,403,703; July 9.
Feed, binder, and cutter, Yarn. O. Fregeolle. 2,399,729; May 7.
Feed control device. O. F. Goepfert. 2,402,037; June 11.
Feed device, Rod. G. T. Bristol. 2,398,355; Apr. 16.
Feed for drills, Automatic. A. E. Sherman. 2,395,018; Feb. 19.
Feed for towel dispensers, Paper. P. A. Wooster. 2,404,421; July 23.
Feed head for rotary tools. E. J. Lynch. 2,410,091; Oct. 29.
Feed means and driving mechanism therefor. M. L. Sensenig. 2,402,849; June 25.
Feed means, Hydraulic. J. W. Hackett and K. L. G. Copping. 2,409,850; Oct. 22.
Feed means, Yarn. E. Killian. 2,406,775; Sept. 3.
Feed mechanism. R. E. Armstrong. 2,394,836; Feb. 12.
Feed mechanism for loading ordnance, tools, and the like, Automatic. A. Gazda. 2,394,606; Feb. 12.
Feed mechanism for machine tools, Tracer controlled. C. K. Salisbury. 2,402,450; June 18.
Feed mechanism for sewing machines, Material. J. E. Scott. 2,407,907; Sept. 17.
Feed mechanism, Gun. S. G. Green. 2,405,207; Aug. 6.
Feed mixer. A. H. Kelderhouse. 2,400,202; May 14.
Feed regulating means for sewing machines. F. Parry. 2,410,790; Nov. 5.
Feed, Self-acting stock. R. A. Papsdorf. 2,406,508; Aug. 27.
Feed, Slide. A. E. Borton. 2,397,833; Apr. 2.
Feed system for boilers, Water. R. R. Waterman. 2,404,114; July 16.
Feed-water apparatus for boilers. L. W. Jeffords. 2,412,775; Dec. 17.
Feeder; *See*—
Automatic drill press feeder. Insert feeder.
Fuel feeder. Poultry feeder.
Hay feeder. Sheet feeder.
Vibratory feeder.
Feeder for balers. F. P. Dickow. 2,409,478; Oct. 15.
Feeder for cardboard, Continuous. F. R. Belluche. 2,396,240; Mar. 12.
Feeder for threshers. R. B. Hitchcock and H. S. Seeber. 2,410,500; Nov. 5.
Feeder system for linear motors. M. F. Jones and L. A. Kilgore. 2,412,512; Dec. 10.
Feeding and cooling system, Fuel. L. P. Sharples. 2,403,831; July 9.
Feeding and ejecting device for centerless grinders. J. E. Heckethorn. 2,412,730; Dec. 17.
Feeding and gauging mechanisms, Sheet. E. A. Wilckens and E. M. Magill. 2,396,481; Mar. 12.
Feeding and injection apparatus for oil-burning engines, Fuel. C. L. Cummins. 2,408,298; Sept. 24.
Feeding and slitting mechanism. W. F. Huck. 2,412,047; Dec. 3.
Feeding apparatus. J. C. Mobley and B. C. Skinner. 2,393,334; Jan. 22.
Feeding apparatus. Y. E. Pratt and G. F. Gray. 2,410,611; Nov. 5.
Feeding apparatus, Chemical. A. F. McFarland. 2,413,029; Dec. 24.
Feeding apparatus for drawing machines, Stock. W. E. Kerr. 2,412,049; Dec. 3.
Feeding apparatus, Liquid. J. H. V. Finney. 2,401,345; June 4.
Feeding apparatus, Sheet. W. E. Schneider. 2,402,453; June 18.
Feeding device. R. E. J. Nordquist. 2,395,497; Feb. 26.
Feeding device. C. S. Woolford. 2,395,527; Feb. 26.
Feeding device, Card. K. J. Braun. 2,401,719; June 11.
Feeding device, Fabric. M. J. and A. Lenartowicz. 2,393,786; Jan. 29.
Feeding device for combustion chambers. R. H. Goddard. 2,409,036; Oct. 8.
Feeding device for injection or extrusion machine. B. D. Ashbaugh. 2,408,285; Sept. 24.
Feeding device for typewriting machines, Stationery. J. E. Euth. 2,400,226; May 24.
Feeding device, Liquid. L. J. MacGlashan. 2,397,677; Apr. 2.
Feeding device, Pin-type. C. L. Winter. 2,401,597; June 4.
Feeding device, Web. L. C. Nield. 2,402,074; June 11.
Feeding device with retractable pins, Stationery. C. L. Winter. 2,401,596; June 4.

Feeding means, Automatic can. J. S. Baker. 2,402,144; June 18.
Feeding means for manifolding machines, Carbon. R. W. Ritzert. 2,407,799; Sept. 17.
Feeding mechanism. A. E. Almgren. 2,393,961; Feb. 5.
Feeding mechanism, Card. E. S. Rice and O. E. Kase. 2,402,774; June 25.
Feeding mechanism for automatic firearms. G. Webb. 2,409,461; Oct. 15.
Feeding mechanism for cotton batting and the like. M. W. Ramage, Jr. 2,411,637; Nov. 26.
Feeding mechanism for punch presses, Wire or strip. J. MacBlane. 2,413,638; Dec. 31.
Feeding mechanism for quilting machine and the like. T. F. Schlicksupp. 2,410,240; Oct. 29.
Feeding mechanism for sewing machines. H. Hacklander. 2,398,225; Apr. 9.
Feeding mechanism for sewing machines, Work. R. Becker. 2,409,242; Oct. 15.
Feeding mechanism, Sheet. W. K. Eckhard. 2,406,006; Aug. 20.
Feeding mechanism, Sheet. G. G. Hyde and J. H. Hochuli. 2,402,048; June 11.
Feeding method and apparatus. M. F. Morgan. 2,409,378; Oct. 15.
Felted products, Manufacture of. E. R. Powell and H. E. Holcomb. 2,409,066; Oct. 8.
Fence and camouflage structure, Wire. C. Field. 2,396,256; Mar. 12.
Fence, Electric. C. F. Dalziel. 2,401,815; June 11.
Fence, Electric. N. J. Johnson. 2,396,512; Mar. 12.
Fence, Electric. R. A. Kennedy. 2,400,829; May 21.
Fence, Electric. S. G. Klumb. 2,413,506; Dec. 31.
Fence machine. E. Kehrer and C. E. Faust. 2,405,257; Aug. 6.
Fence, Multiple wire electric. S. A. Moore. 2,398,442; Apr. 16.
Fermentation, Processes of. S. A. Waksman. 2,400,143; May 14.
Fern packing machine. J. Gribner. 2,393,102; Jan. 15.
Ferro-alloy brique and manufacture of same. C. L. Vance. 2,405,278; Aug. 6.
Ferrous article, Ceramic coated. L. D. Fetterolf. 2,406,534; Aug. 27.
Ferrous metals and inhibitor for use therein, Pickling bath for. H. L. Peterson. 2,392,404; Jan. 8.
Ferrous metals, Pickling of. C. K. Hunt, J. F. Olin and H. H. Brandt. 2,411,791; Nov. 26.
Ferrous sections, Continuous production of heat-treatable. P. H. Hume, W. F. McGarrity, and E. L. Robinson. 2,395,184; Feb. 19.
Ferrous sections, Continuous production of heat-treatable. P. H. Hume, W. F. McGarrity, and E. L. Robinson. 2,400,931–2; May 28.
Ferrous silicon magnetic material, Coating. H. M. Elsey and C. C. Horstman. 2,394,047; Feb. 5.
Ferrous sulphate monohydrate, Production of. D. Edge. 2,395,729; Feb. 26.
Ferrous sulphate, Stabilized E. Preiswerk. 2,411,636; Nov. 26.
Ferrule, Paint brush. M. F. Kowalski. 2,395,224; Feb. 19.
Fertilizer. S. D. Gooch. 2,395,219; Feb. 19.
Fertilizer and making same. E. W. Eweson. 2,392,811; Jan. 15.
Fertilizer distributor. B. J. Harder. 2,410,937; Nov. 12.
Fiber and fiber products, Manufacture of bituminous. C. C. Heritage. 2,402,160; June 18.
Fiber and production thereof, Staple. N. S. Welton. 2,411,644; Nov. 26.
Fiberboard, Producing a variegated surface on. H. K. Linzell. 2,395,375; Feb. 19.
Fiberboard, Producing variegated pressed. H. K. Linzell. 2,402,966; July 2.
Fiber from protein contained in soy bean, Manufacturing artificial. T. Kajita and R. Inone. 2,394,308–9; Feb. 5.
Fiber from vegetable matter, Process and apparatus for production of. C. C. Heritage. 2,405,213; Aug. 6.
Fiber treatment. F. J. Schiessler. 2,406,407; Aug. 27.
Fiber, Treatment of staple. H. Howorth and L. C. Holt. 2,406,542; Aug. 27.
Fiberizing apparatus. L. A. Hawthorne and E. R. Powell. 2,398,707; Apr. 16.
Fibers, Article and treatment of casein. J. E. Conrad. 2,412,125; Dec. 3.
Fibers, Blending. O. W. Greene, R. W. Twitty, and T. L. Richie. 2,412,506; Dec. 10.
Fibers, Colored glass. R. A. Schoenlaub. 2,394,493; Feb. 5.
Fibers, Composition for treating keratin. J. B. Speakman. 2,400,377; May 14.
Fibers, Drafting of. E. L. Richardson. 2,407,100; Sept. 3.
Fibers, Drying staple. H. C. R. Folmer. 2,409,747; Oct. 22.
Fibers from globular and fibrous proteins, Artificial. O. Huppert. 2,413,501; Dec. 31.
Fibers from proteins, Production of. F. K. Watson. 2,403,251; July 2.
Fibers made of protein, Hardening and tanning of artificial. R. Signer. 2,404,665; July 23.
Fibers or fibrous material containing keratin, Treatment of. J. B. Speakman. 2,410,248; Oct. 29.
Fibers, Processing of synthetic. J. L. Getaz. 2,394,165; Feb. 5.
Fibers, Processing vegetable. C. D. Best. 2,403,331; July 2.
Fibers, Treatment of casein. J. E. Conrad. 2,412,126; Dec. 3.
Fibrous boards from their supporting members, Separating. E. A. T. Orrmell. 2,394,256; Feb. 5.
Fibrous bristles, Making. J. Overbeke. 2,406,707; Aug. 27.
Fibrous material, Depositing. R. M. Roberts. 2,392,882; Jan. 15.
Fibrous material, Treatment of. E. White and C. A. Smucker. 2,397,453; Mar. 26.
Fibrous materials, Decorticating. J. V. Johansen. 2,391,977; Jan. 1.
Fibrous materials, Machine for drafting. G. Dakin. 2,399,006; Apr. 23.
Fibrous materials, Making. W. C. Toland and B. B. Burbank. 2,402,469; June 18.
Fibrous materials, Obtaining moisture regain in. W. N. Hadley. 2,401,926; June 11.
Fibrous product from wood, Preparing. F. W. Kressman. 2,400,546; May 21.
Fibrous sheet material, Saturating. J. G. Young. 2,407,756; Sept. 17.
Fibrous suspension, Straightening. S. E. E. Ahlfors. 2,409,524; Oct. 15.
Fid. V. Adrias, II. 2,394,884; Feb. 12.
Field emission arc discharge tube. C. M. Slack, A. Pfeiffer, and C. E. Dawley. 2,409,717; Oct. 22.
Field responsive device, Magnetic. L. F. Beach. 2,410,039; Oct. 29.
Field switch. W. H. Schymik. 2,412,293; Dec. 10.
Fifth wheel mounting. R. H. Maddock and G. E. Kricker. 2,402,254; June 18.
Figure toy and making the same. M. Caruso. 2,392,227; Jan. 1.
Filament and like structures, Method and apparatus for manufacture of continuous. W. J. Gundelfinger. 2,411,774; Nov. 26.
Filament extrusion device. R. J. Taylor and W. L. Webb. 2,398,729; Apr. 16.
Filament or cathode and its manufacture, Coiled. L. R. Peters. 2,394,474; Feb. 5.
Filamentary articles, Forming. A. O. Ryan. 2,402,846; June 25.
Filamentary material, Activation of. D. S. Gustin and N. H. Bryant. 2,392,318; Jan. 8.
Filamentary materials, High tenacity. G. W. Seymour and W. Brooks. 2,407,105; Sept. 3.
Filamentary materials, Method and apparatus for crimping. J. E. Spalding and D. B. Wicker. 2,407,108; Sept. 3.
Filamentous product. R. J. Taylor. 2,399,260; Apr. 30.
Filamentous product and making it, Novel. R. J. Taylor. 2,399,258; Apr. 30.
Filaments and product thereof, Making hollow. R. J. Taylor. 2,399,259; Apr. 30.
Filaments, Nylon. W. R. McClellan. 2,412,054; Dec. 3.
Filaments of hydrolyzed olefin/vinyl organic ester interpolymers, Improving. H. B. Stevenson. 2,411,474; Nov. 19.
Filaments of ionization gauges, Treating. H. W. Washburn and H. Wiley. 2,406,419; Aug. 27.
Filaments or threads, Stretching of. T. Jackson and T. B. Frearson. 2,402,228; June 18.
Filaments, Resilient. F. G. Dodge. 2,408,381; Oct. 1.
File drawer follower. B. Bradner. 2,407,055; Sept. 3.
File, Form. J. S. Denton. 2,396,644; Mar. 19.
File handle. J. A. Mann. 2,401,308; June 4.
Files, Reconditioning. R. S. Truesdell. 2,405,101; July 30.
Filing apparatus. R. P. Scholfield. Re. 22,765; June 11.
Filing apparatus. R. P. Scholfield. 2,413,078; Dec. 24.
Filing cabinet. J. W. Paxton. 2,409,308; Oct. 15.
Filing cabinet. J. W. Paxton and I. R. Cornish. 2,405,668; Aug. 13.
Filing cabinet. R. E. Wells. 2,410,255; Oct. 29.
Filing equipment. B. Hunter. 2,412,219; Dec. 10.
Filing machine. J. Belada. 2,407,053; Sept. 3.
Filing system. S. J. O'Hara. 2,399,376; Apr. 30.
Filler and drainer, Combined. W. H. Scott. 2,397,295; Mar. 26.
Filler, Automatic container. N. E. Lauterbach. 2,395,674; Feb. 26.
Filler cap and relief vent. V. R. Abrams. 2,396,233; Mar. 12.
Filler, Expansion joint. E. M. Jenkins and D. Loetscher. 2,401,836; June 11.
Filler for cartons, Fiberboard cushioning. W. E. Turner. 2,410,591; Nov. 5.
Filler for shoes, Bottom. H. G. Lumbard. 2,401,088; May 28.
Filler, Matrix. A. W. Davis. 2,406,322; Aug. 27.
Filler, Multiple liquid measuring and mixing can. C. E. Kerr. 2,393,382; Jan. 22.
Filler, Piston ring gap. R. D. Powell. 2,395,429; Feb. 26.
Filler system for ammunition, Nonleak liquid explosive. N. M. Hopkins. 2,409,858; Oct. 22.

Filler, Tank. L. A. Chouinard. 2,399,167; Apr. 30.
Filling apparatus and valve. R. J. Stewart and H. R. Franz. 2,399,300; Apr. 30.
Filling apparatus, Bag. R. J. Williams and A. S. Littlefield. 2,403,149; July 2.
Filling arrangement for ball-pointed fountain pens. I. Florman. 2,408,256; Sept. 24.
Filling device, Automatic cylinder. O. L. Garretson, T. A. St. Clair, and A. R. Olson. 2,408,842; Oct. 8.
Filling machine. H. G. Allen. 2,394,737; Feb. 12.
Filling machine, Liquid. R. E. J. Nordquist. 2,405,232; Aug. 6.
Filling machine, Package. C. and H. H. Doering, B. J. Skoglund, and E. W. Anderson. 2,399,914; May 7.
Filling nozzle valve. K. J. Walker and C. E. Hawk. 2,401,124; May 28.
Filling unit, Fountain pen. W. J. Heagney. 2,406,330; Aug. 27.
Filling valve. C. D. Russell. 2,413,194; Dec. 24.
Filleting machine, Fish. W. H. Hunt. 2,400,118; May 14.
Fillets, Producing. H. P. Moyer. 2,407,995; Sept. 24.
Film. J. F. Vincent. 2,393,006; Jan. 15.
Film and method, Composite. A. Hershberber. 2,411,878; Dec. 3.
Film cleaning device. B. E. Mills. 2,408,438; Oct. 1.
Film, Color correction in multilayer. Le R. M. Dearing. Re. 22,764; June 11.
Film containing iodine. C. J. Cavallito. 2,400,389; May 14.
Film developer tank. G. Rauglas. 2,393,654; Jan. 29.
Film exhibitor, Automatic. D. Heyer. 2,398,639; Apr. 16.
Film feeding device. V. E. Pratt and G. F. Gray. 2,412,551; Dec. 10.
Film feeding mechanism. J. B. Contner. 2,410,962; Nov. 12.
Film feeding mechanism for photographic apparatus, Electrically driven. E. Cronholm. 2,398,133; Apr. 9.
Film, Flexible reflex reflecting. M. H. Phillippi. 2,403,752; July 9.
Film holder. F. R. Berne. 2,401,541; June 4.
Film manufacture. F. T. Peters. 2,405,977; Aug. 20.
Film, Nonreflective. F. H. Nicoll. 2,410,300; Oct. 29.
Film, Nonstatic photographic. F. J. Kaszuba. 2,403,533; July 9.
Film, Sound image in multilayer. L. D. Mannes. 2,401,699; June 4.
Film splicer. P. Baia. 2,392,965; Jan. 15.
Film splicing device. R. Matson. 2,394,317; Feb. 5.
Film strips, Projecting images from intermittently advancing. A. E. Krows. 2,395,883; Mar. 5.
Film, Treating motion picture. H. T. Neumann. 2,398,804; Apr. 23.
Film viewing device. R. W. Farrell. 2,408,384; Oct. 1.
Film wind and shutter control mechanism, Camera. C. W. Crumrine. 2,398,412; Apr. 16.
Films, plates, and papers, Testing of photographic. G. B. Harrison, R. J. Hercock, and R. G. Horner. 2,393,631; Jan. 29.
Films possessing low water imbibition, Dyeing of. R. C. Greenlees. 2,413,559; Dec. 31.
Films to sheet material, Securing elastomeric. L. H. Hills and A. L. Gordon. 2,399,804; May 7.
Filter; *See*—

Air filter.	Oil bath air filter.
Band pass wave filter.	Oil filter.
Continuous disk filter.	Radiographic filter.
Continuous filter.	Readily cleanable filter.
Egg filter.	Respirator dust filter.
Electric wave filter.	Ultra high frequency filter
Electrical filter.	Wave filter.
Light filter.	

Filter. S. Alsop. 2,392,354; Jan. 8.
Filter. S. W. Briggs. 2,398,284; Apr. 9.
Filter. C. E. Brown. 2,392,901; Jan. 15.
Filter. W. G. Burhans. 2,394,895; Feb. 12.
Filter. L. J. Clark. 2,403,261; July 2.
Filter. R. W. George. 2,409,556; Oct. 15.
Filter. L. M. Hedges. 2,409,278; Oct. 15.
Filter. S. T. Howard. 2,397,142; Mar. 26.
Filter. G. E. Olson. 2,399,887; May 7.
Filter. M. Sigmund. 2,397,759; Apr. 2.
Filter. C. G. Vokes. 2,407,194; Sept. 3.
Filter. C. G. Vokes. 2,410,371; Oct. 29.
Filter. C. G. Vokes and E. A. Stokes. 2,406,308; Aug. 20.
Filter and antihalation layers, Photographic. J. A. Wildmer. 2,405,106; July 30.
Filter and final scraper therefor, Rotary. H. C. Butler. 2,395,098; Feb. 19.
Filter and silencer, Combination air. W. Neumann. 2,398,322; Apr. 9.
Filter bed leveling or scraping means. A. B. Asch. 2,396,769; Mar. 19.
Filter bottoms, Constructing. J. C. Thoresen. 2,401,121; May 28.
Filter cleaning mechanism. C. E. Fraser. 2,396,779; Mar. 19.
Filter construction. F. E. Kurz. 2,395,225; Feb. 19.
Filter construction, Zig-zag. O. H. Schaaf. 2,398,045; Apr. 9.
Filter control, Single knob variable density. R. E. Banker. 2,399,658; May 7.
Filter for aircraft engines, Air intake. C. G. Vokes. 2,405,102; July 30.
Filter for breathing apparatus. E. Venable. 2,400,179; May 14.
Filter for fluid flow systems. W. O. Tait. 2,407,190; Sept. 3.
Filter for gases under pressure. C. G. Vokes and E. A. Stokes. 2,404,468; July 23.
Filter frame. R. J. Brandt. 2,401,044; May 28.
Filter installation, Liquid. E. G. Gunn. 2,411,539; Nov. 26.
Filter members, Making. E. C. Sloan. 2,395,301; Feb. 19.
Filter pad. J. W. Armaly. 2,399,158; Apr. 30.
Filter plug. H. K. Foster. 2,392,656; Jan. 8.
Filter screen. L. Spraragen. 2,396,295; Mar. 12.
Filter structure. A. S. Fisk and J. P. Kovacs. 2,398,824; Apr. 23.
Filter structure and making it. W. G. Luttge and E. G. Mesthene. 2,396,712; Mar. 19.
Filter unit. S. W. Briggs. 2,395,449; Feb. 26.
Filter unit and making same. S. W. Briggs. 2,413,431; Dec. 31.
Filtering. J. P. Hamilton and C. F. Jones. 2,404,061; July 16.
Filtering and timing method and system, Variable. R. L. Haynes. 2,396,507; Mar. 12.
Filtering apparatus. F. B. Shepard. 2,411,341; Nov. 19.
Filtering apparatus. W. Smalley. Re. 22,784; Aug. 27.
Filtering arrangement. A. M. Gurewitsch. 2,408,927; Oct. 8.
Filtering device. W. C. Bauer. 2,401,039; May 28.
Filtering device, Respiratory. J. B. Biederman. 2,404,686; July 23.
Filtration, Method and apparatus for. C. L. and C. J. Peterson. 2,403,021; July 2.
Fin, Foot. E. R. Bufkin. 2,395,844; Mar .5.
Fin, Heat exchange. C. A. Sewell. 2,402,262; June 18.
Fine lines photographically, Method and composition of producing. A. Schoen and L. L. Patterson. 2,393,821; Jan. 29.
Finger cap. R. Well. 2,401,714; June 4.
Finger for cutter bars, Supplemental lifting. E. Beltz. 2,394,838; Feb. 12.
Finger for tool grinders, Adjustment. P. S. Butchko. 2,395,249; Feb. 19.
Finger or hand attachment. V. D. Brittingham. 2,409,101; Oct. 8.
Finger rest. R. G. Young. 2,392,626; Jan. 8.
Finger ring. M. Manne. 2,394,794; Feb. 12.
Finger ring construction. A. Koenig. 2,408,982; Oct. 8.
Fingernails, Treating. I. Aberbach. 2,413,537; Dec. 31.
Finisher, Garment. E. L. Pettit. 2,412,172; Dec. 3.
Finishing gauge. W. S. Pierce, Jr. 2,394,475; Feb. 5.
Finishing textile materials particularly to render the same water repellent. E. Zerner, G. D. M. Davies, and P. I. Pollak. 2,413,024; Dec. 24.
Finned tube. J. W. Brown, Jr. 2,400,737; May 21.
Finned tubes with support engaging bearing portions, Manufacturing. W. P. Hill. 2,404,575; July 23.
Fins to cylindrical bodies, Applying helical. E. S. Lea. 2,396,795; Mar. 19.
Fins, Winding of spiral. E. Bruegger. 2,398,172; Apr. 9.
Firearm. H. R. Clarke. 2,401,616; June 4.
Firearm. W. L. Finlay and G. E. Hutchinson. 2,398,298; Apr. 9.
Firearm. A. Gal. 2,396,564; Mar. 12.
Firearm. G. J. Hyde. 2,407,157; Sept. 3.
Firearm. M. M. Johnson, Jr. 2,409,568; Oct. 15.
Firearm. L. A. Rix. 2,402,086; June 11.
Firearm. J. Vesely. 2,399,900; May 7.
Firearm. C. A. Young. 2,401,034; May 28.
Firearm, Automatic. J. C. Cantley and A. F. Pym. 2,409,251; Oct. 15.
Firearm, Automatic. E. M. Harvey. 2,397,963; Apr. 9.
Firearm, Automatic. M. M. Johnson, Jr. 2,409,569; Oct. 15.
Firearm, Bolt-action. D. M. Williams. 2,404,555; July 23.
Firearm bolt tool. J. M. Brown. 2,409,191; Oct. 15.
Firearm construction. F. W. Sampson. 2,403,306; July 2.
Firearm, Gas-operated self-loading. H. L. Crockett. 2,394,986; Feb. 19.
Firearm rear sight. H. F. Mossberg and E. Bullard. 2,405,512; Aug. 6.
Firearm, Repeating. V. A. Browning. 2,401,903; June 11.
Firearm, Repeating. V. A. Browning. 2,409,733; Oct. 22.
Firearms, Safety mechanism for bolt-action. H. L. Crockett. 2,402,735; June 25.
Firearms, Telescope sight mount for. P. I. Gruver. 2,401,825; June 11.
Fire basket. N. J. Kunst. 2,408,935; Oct. 8.
Firebox, Locomotive boiler. H. E. May. 2,410,513; Nov. 5.
Fire control apparatus. H. C. Ford. 2,405,028; July 30.
Fire control computor, Aircraft. C. G. Holschuh and D. Fram. 2,407,665; Sept. 17.
Fire control data, Computing. R. E. Crooke. 2,412,443; Dec. 10.

Fire control valve and fuel line. D. K. Allison. 2,397,518; Apr. 2.
Fire detector cable. L. H. Walbridge. 2,413,125; Dec. 24.
Fire escape. S. Chiarello. 2,393,087; Jan. 15.
Fire escape. E. C. Larson. 2,409,767; Oct. 22.
Fire extinguisher. E. F. Angell. 2,412,491; Dec. 10.
Fire extinguisher, Automatic. O. E. Barnard. 2,405,125; Aug. 6.
Fire extinguisher supporting means, Portable. S. Boal. 2,397,235; Mar. 26.
Fire extinguishing apparatus. F. J. Hogenmiller, F. L. Boyd, and L. W. Boerner. 2,405,652; Aug. 13.
Fire extinguishing composition. G. G. Urquhart. 2,413,667; Dec. 31.
Fire extinguishing composition and making same. D. Levin. 2,405,438; Aug. 6.
Fire-extinguishing pump. R. Zieschang. 2,401,785; June 11.
Fire hose rack. J. N. Schichtel. 2,397,293; Mar. 26.
Fire hose reel. C. C. Calabrese and J. S. Herold. 2,408,043; Sept. 24.
Fireplace. G. N. Bolinger. 2,409,731; Oct. 22.
Fireplace construction. A. P. Robinson. 2,393,812; Jan. 29.
Fireplace front. G. and L. Merryweather. 2,398,240; Apr. 9.
Fire preventing system. J. E. Urbany. 2,413,087; Dec. 24.
Fireproofing coating method and product. W. D. Timmons. 2,395,922; Mar. 5.
Fire tool. W. J. Wilson. 2,400,451; May 14.
Firing means. H. J. Rolfes and E. C. Halliday. 2,411,339; Nov. 19.
Firing mechanism. J. G. Seitz. 2,405,798; Aug. 13.
Firing mechanism. W. E. Thibodeau and G. J. Kessenich. 2,396,304; Mar. 12.
Firing mechanism for automatic guns. H. Trevaskis. 2,397,387; Mar. 26.
Firing mechanism for firearms. G. N. Albree. 2,407,526; Sept. 10.
Firing mechanism for training arms, Imitation. W. G. Dunn. 2,406,493; Aug. 27.
Firing mechanism for well shooting guns. E. L. Ahlgren. 2,396,768; Mar. 19.
First-aid container. F. Armbruster and E. Stearns. 2,409,465; Oct. 15.
Fischer synthesis. A. K. Redcay. 2,406,851; Sept. 3.
Fish, Canning fresh water. A. R. Kleinschmidt. 2,411,736; Nov. 26.
Fish discharging apparatus. J. D. Toft. 2,396,305; Mar. 12.
Fishhook. D. H. Bucks. 2,402,730; June 25.
Fishhook. R. K. McDougal. 2,407,759; Sept. 17.
Fishhook, Automatic. F. Schwarzer. 2,406,912; Sept. 3.
Fishhook holder. N. S. Shelton. 2,401,886; June 11.
Fishhook making machine. W. J. De Witt and H. A. Corbett. 2,406,456; Aug. 27.
Fish in fresh condition, Keeping. J. R. Macdonald. 2,402,199; June 18.
Fishing device. J. L. Potter. 2,406,252; Aug. 20.
Fishing line retriever. E. R. Bray. 2,397,916; Apr. 9.
Fishing pole holder. C. B. Gregory. 2,399,435; Apr. 30.
Fishing reel. A. J. Forestiere, Sr. 2,399,863; May 7.
Fishing reel. H. F. Maynes. 2,399,132; Apr. 23.
Fishing reel. R. Reynolds. 2,400,317; May 14.
Fishing reel. J. V. Schafer. 2,409,154; Oct. 8.
Fishing reel. W. Willman. 2,391,935; Jan. 1.
Fishing rig or leader. L. A. Hickson. 2,392,147; Jan. 1.
Fishing rod and reel. O. J. Aubertin. 2,410,331; Oct. 29.
Fishing rod indicator. G. R. Schwebs. 2,409,988; Oct. 22.
Fishline drier. R. O. Shonts. 2,401,517; June 4.
Fish lure. D. L. Forbess. 2,396,366; Mar. 12.
Fish lure. J. A. Lind. 2,397,968; Apr. 9.
Fish lure. A. Sabe. 2,403,759; July 9.
Fish lure. H. H. Zeibig. 2,394,132; Feb. 5.
Fish lure casting plug. E. W. Parker. 2,413,371; Dec. 31.
Fish lure, Skirted. W. Willman. 2,413,344; Dec. 31.
Fish, Preserving. E. M. Borg. 2,411,188; Nov. 19.
Fish, Salted. H. Hempel. 2,397,547; Apr. 2.
Fish scaling clamp. W. P. Shaks. 2,405,760; Aug. 13.
Fish, Treating. C. M. Savrda. 2,406,907; Sept. 3.
Fish water, Treatment of. R. C. Ernst. 2,403,174; July 2.
Fitting. W. C. Buttner. 2,408,912; Oct. 8.
Fitting. J. K. Russell. 2,398,041; Apr. 9.
Fitting. L. Vaught. 2,413,089; Dec. 24.
Fitting, Attachment. J. N. Gladden and L. Zielinski. 2,401,824; June 11.
Fitting, Choke. C. J. Sekera. 2,393,423; Jan. 22.
Fitting, Drain. R. Dick. 2,394,964; Feb. 12.
Fitting, Electrical conduit. A. Olevin. 2,392,940; Jan. 15.
Fitting for tanks, Access door. F. J. Pepersack. 2,406,708; Aug. 27.
Fitting hearing aid device. E. A. Strommen. 2,394,569; Feb. 12.
Fitting, Lubricant. E. W. Davis. 2,410,480; Nov. 5.
Fitting, Lubricant-receiving. A. P. Fox, L. C. Rotter, and V. G. Klein. 2,400,817; May 21.
Fitting machine, Heel seat. R. S. Megathlin. 2,398,796; Apr. 23.
Fitting, Return bend. M. Q. Colton. 2,402,533; June 25.
Fitting, Rip cord. O. J. Bratz. 2,398,692; Apr. 16.
Fitting to ropes, Method of applying a. G. H. Bannerman, J. M. Curran, and G. H. Trout. 2,412,941; Dec. 24.
Fitting, Vibration dampening. J. N. Wolfram. 2,397,180; Mar. 26.
Fittings, Screw. C. J. Rasmussen. 2,397,260; Mar. 26.
Fittings to containers, Securing. L. Shakesby, C. A. R. Sutherland and S. H. Smith. 2,409,907; Oct. 22.
5-aryloarbamyl 2-mercaptothiazoles. R. A. Mathes. 2,402,066; June 11.
5,5-diaryl hydantoins, Obtaining. H. R. Henze. 2,409,755–6; Oct. 22.
5-ureido-1,2,4-oxadiazoles and their preparation. D. W. Kaiser. 2,399,599; Apr. 30.
Fixture; *See*—
Tubular lamp fixture.
Fixture, Adjustable. V. G. Jarman. 2,408,316; Sept. 24.
Fixture, Combination type window. G. W. Hartman. 2,396,572; Mar. 12.
Fixture, Contact. L. D. Hansen, F. E. Harris, A. S. Hegeman, and H. N. Snook. 2,413,410; Dec. 31.
Fixture, Curtain. J. S. Bodeman. 2,402,800; June 25.
Fixture, Explosionproof lighting. N. A. Tornblom. 2,392,202; Jan. 1.
Fixture, Fluorescent lighting. J. W. Kilduff and R. G. Maurette. 2,413,505; Dec. 31.
Fixture for assembling articles. J. L. Baum. 2,399,536; Apr. 30.
Fixture for grinding wheel and tool forms. E. M. Looney. 2,406,467; Aug. 27.
Fixture for holding and measuring work at selective angles. O. E. Sorensen. 2,406,043; Aug. 20.
Fixture for spreading mortar on glass blocks. W. Bortolotti. 2,393,738; Jan. 29.
Fixture for spreading mortar on glass blocks. W. Bortolotti. 2,403,335; July 2.
Fixture for tubular lamps. W. R. Young. 2,399,531; Apr. 30.
Fixture, Form tool generating. W. F. Ross. 2,412,653; Dec. 17.
Fixture, Gear. M. M. Matchett. 2,394,624; Feb. 12.
Fixture, Lighting. E. F. Guth. 2,401,635; June 4.
Fixture, Magnetic. J. H. Barrett. 2,400,062; May 14.
Fixture, Meter installation. J. N. Blank. 2,412,558; Dec. 17.
Fixture, Milling. L. Hain. 2,412,454; Dec. 10.
Fixture, Milling. C. J. Kucyn. 2,401,000; May 28.
Fixture, Shaping. A. F. Emrich. 2,395,469; Feb. 26.
Fixture, Store. G. G. Fero. 2,409,117; Oct. 8.
Fixture, Tap. C. E. Miller. 2,398,661; Apr. 16.
Fixture, Tool bit. V. W. Gideon. 2,410,494; Nov. 5.
Fixture, Tool guiding. R. C. Kivley. 2,412,458; Dec. 10.
Fixture, Tool guiding. J. S. Stull. 2,412,459; Dec. 10.
Fixture, V-block. C. E. Walling. 2,396,450; Mar. 12.
Fixture, Work holding. E. M. Strickland. 2,408,491; Oct. 1.
Fixtures and the like, Shield for electrical wall. C. West. 2,398,901; Apr. 23.
Flagstaff support. M. Lange. 2,405,701; Aug. 13.
Flagstaff support. M. Lange and M. S. Brockman. 2,398,748; Apr. 16.
Flame contact unit for burner control systems. H. A. Atwater. 2,396,146; Mar. 5.
Flame hardening apparatus. A. L. Hartley. 2,412,333; Dec. 10.
Flame hardening, Method and apparatus for. L. J. Stevenson and L. L. Babcock. 2,410,134; Oct. 29.
Flame sensitive device. S. G. Eskin. 2,412,977; Dec. 24.
Flange for kitchen sinks and like fixtures, Sealing. L. J. Pawlus and N. L. Rossig. 2,397,690; Apr. 2.
Flange spreader. H. L. Miller. 2,393,795; Jan. 29.
Flanges on breeches piece or the like, Forming. N. T. McKee. 2,396,110; Mar. 5.
Flanging device. K. C. Bugg. 2,394,841; Feb. 12.
Flanging machine. E. V. Crane and K. A. Kuhn. 2,412,874; Dec. 17.
Flanging machine. A. H. McCabe. 2,394,193; Feb. 5.
Flare, Illuminating. C. D., A. J., and C. Schermuly. 2,409,905; Oct. 22.
Flash from soft molded articles, Removing. L. W. Lubenow. 2,402,967; July 2.
Flash heated shapes of polystyrene, Prevention of crazing of. F. E. Wiley. 2,402,221; June 18.
Flash lamp. H. T. and H. H. Hipwell. 2,396,046; Mar. 5.
Flashlamp, Mechanical. R. A. Adams. 2,403,702; July 9.
Flash lamps, Means to ignite photographic. L. Weisglass. 2,409,967; Oct. 22.
Flasher, Low voltage. C. H. McClure. 2,408,568; Oct. 1.
Flashlight. J. A. and J. P. Gits. 2,408,393; Oct. 1.
Flashlight. W. L. Paul. 2,401,014; May 28.
Flashlight. C. Sabiers. 2,399,511; Apr. 30.
Flashlight. H. Wirz. 2,401,033; May 28.
Flashlight construction. J. G. Lippincott. 2,404,735; July 23.
Flashlight for pedestrians and bicycle riders, Safety. J. A. Hoy. 2,408,643; Oct. 1.
Flashlight, Mechanical. H. Weil. 2,393,209; Jan. 15.

Flashlight, Pocket. R. H. Battersby and J. C. Prior. 2,412,313; Dec. 10.
Flashlight, Portable electric. B. F. Muldoon. 2,401,366; June 4.
Flash-photography apparatus. K. J. Germeshausen. 2,399,222; Apr. 30.
Flash-photography, High-speed. H. E. Edgerton. 2,408,764; Oct. 8.
Flash-photography method and apparatus for use with motion-picture cameras. H. E. Edgerton. 2,393,316; Jan. 22.
Flask, Decanter. P. Schlumbohm. 2,411,340; Nov. 19.
Flask for dental models, Duplicating. N. Ingersoll, Jr. 2,397,264; Mar. 26.
Flask, Foundry. W. J. Spensley. 2,393,200; Jan. 15.
Flatiron. R. O. Spencer. 2,407,110; Sept. 3.
Flatiron and control therefor, Electric. A. H. Riess. 2,405,270; Aug. 6.
Flatiron holder. I. Trevino. 2,410,534; Nov. 5.
Flatiron, Quick drying. A. C. Purpura. 2,402,575; June 25.
Flaws, Detecting. A. C. Layton. 2,393,996; Feb. 5.
Flaws in rails, Method and apparatus for detecting. W. C. Barnes and H. W. Keevil. 2,410,803; Nov. 12.
Fleecing device. A. Mackmann. 2,396,958; Mar. 19.
Flexible ammunition machine gun feed. C. R. Elliot. 2,391,888; Jan. 1.
Flexible band structure. A. Blumstein. 2,392,116; Jan. 1.
Flexible coupling. L. Sloan. 2,397,700; Apr. 2.
Flexible coupling. S. A. Stone. 2,398,261; Apr. 9.
Flexible coupling. L. Wallerstein, Jr. 2,406,875; Sept. 3.
Flexible device. H. and O. Ghez. 2,397,415; Mar. 26.
Flexible idler. H. A. Knox. 2,393,993; Feb. 5.
Flexible joint. O'C. H. De Shields. 2,391,885; Jan. 1.
Flexible joint. D. C. Holmes. 2,407,155; Sept. 3.
Flexible mattress handle. M. Bechik. Re. 22,807; Oct. 29.
Flexible packing or sealing ring. C. C. S. Le Clair. 2,402,114; June 11.
Flexible pipe. F. E. Swain. 2,394,270; Feb. 5.
Flexible pipe coupling. W. L. Stivason. 2,408,960; Oct. 8.
Flexible pocket receptacle. R. E. Dingman. 2,406,672; Aug. 27.
Flexible strip electrical connector. G. C. Thomas, Jr. 2,396,725; Mar. 19.
Flexible tube. T. Mariner. 2,401,949; June 11.
Flexible tube. F. T. Roberts. 2,396,059; Mar. 5.
Flexible tube pump. L. E. Harper. 2,412,397; Dec. 10.
Flexible wall structure. J. J. Skelly. 2,411,902; Dec. 3.
Flint alloy. H. Kent. 2,408,400; Oct. 1.
Float. E. R. Armstrong. 2,399,656; May 7.
Float. D. M. Lontz. 2,395,892; Mar. 5.
Float and filling material therefor. H. A. Gardner. 2,395,266; Feb. 19.
Float, Concrete. W. S. Haivala. 2,410,343; Oct. 29.
Float control valve. O. L. Garretson. 2,404,795; July 30.
Float control valve. T. L. Gibb. 2,394,994; Feb. 19.
Float, Filled. H. A. Gardner. 2,411,202; Nov. 19.
Float, Fishing. L. M. Henricks. 2,412,399; Dec 10.
Float, Fishing. F. J. Saloun. 2,393,070; Jan. 15.
Float for aircraft, Collapsible. T. P. Hall and B. Smith. 2,399,346; Apr. 30.
Float valve. J. L. Harris. 2,400,561; May 21.
Float valve. H. E. Malone. 2,400,560; May 21.
Floating structure. F. G. Creed. 2,405,115; Aug. 6.
Floating toolholder. T. R. Jones. 2,399,807; May 7.
Floating tool holder. J. E. Sheuman. 2,404,866; July 30.
Floats, Safety device for liquid sealed gas pressure. W. Briscoe. 2,401,046; May 28.
Floor-cleaning implement. W. F. Herold. 2,407,421; Sept. 10.
Floor construction. R. H. Carson. 2,404,471; July 23.
Floor construction, Monolithic. I. A. Kirchner. 2,410,505; Nov. 5.
Floor drain. L. N. Boosey. 2,400,070; May 14.
Floor furnace. J. S. Fagan. 2,410,488; Nov. 5.
Floor furnace. R. Martin. 2,392,541; Jan. 8.
Floor or wall safety box. C. Anderson. 2,410,475; Nov. 5.
Floor structure. W. C. Smith. 2,401,587; June 4.
Floor structure, Furnace. W. Sampson. 2,405,610; Aug. 13.
Floor waxing device. E. T. W. Bailey. 2,394,585; Feb. 12.
Flooring and the like, Sparkproof. W. W. Donelson. 2,413,610; Dec. 31.
Flooring for aircraft, Suspension type. J. A. Kosek. 2,412,778; Dec. 17.
Flotation apparatus, Froth. J. B. Brown. 2,401,745; June 11.
Flotation machine. A. W. Fahrenwald. 2,406,532; Aug. 27.
Flotation process. F. D. De Vaney. 2,410,021; Oct. 29.
Flotation process. G. Gutzeit. 2,395,866; Mar. 5.
Flour and the like, Method and apparatus for the treatment of. F. S. Smith. 2,391,929; Jan. 1.
Flow control valve. O. A. Kehle. 2,408,562; Oct. 1.
Flow detecting method. B. A. Andalikiewicz. 2,393,225; Jan. 22.
Flow indicating system, Rectified current. P. W. Emley. 2,398,366; Apr. 16.
Flow meter. R. G. Sallsbury. 2,392,951; Jan. 15.
Flow responsive device. B. L. Binford. 2,400,479; May 21.
Flower and plant container. W. Fowlkes. 2,404,370; July 23.
Flower holder. A. D. Gifford. 2,413,307; Dec. 31.
Flowerpot. R. K. Pratt, Sr. 2,406,439; Aug. 27.
Flowmeter. N. Brewer. 2,400,097; May 14.
Flowmeter. H. A. Hulsberg. 2,413,352; Dec. 31.
Flowmeter. D. E. Lipfert. 2,403,867; July 9.
Flowmeter. M. P. Matuszak. 2,405,704; Aug. 13.
Flowmeter. F. J. Wiegand. 2,406,181; Aug. 20.
Flue cap. O. L. Olsen. 2,396,876; Mar. 19.
Flue, Telescoping. M. Resek. 2,404,530; July 23.
Fluent material in high velocity elastic fluid jets, Method and apparatus for dispersing or drying. N. N. Stephanoff. 2,413,420; Dec. 31.
Fluffing, Asbestos. L. C. Pharo. 2,402,203; June 18.
Fluid actuated clutch. A. P. Adney. 2,404,822; July 30.
Fluid actuated mechanism. J. M. Shimer. 2,402,300; June 18.
Fluid actuated tool. H. C. Reynolds. 2,401,190; May 28.
Fluid brake. H. M. Ackerman. 2,413,162; Dec. 24.
Fluid clutch. C. Pletsch. 2,398,665. Apr. 16.
Fluid clutch. A. W. Plensler. 2,411,755; Nov. 26.
Fluid clutch and power transmission. B. G. Carlson. 2,392,120; Jan. 1.
Fluid compositions containing copolymers of tetrafluoroethylene and ethylene. K. L. Berry. 2,412,960; Dec. 24.
Fluid conducting swivel joint. D. M. Phillips. 2,396,123; Mar. 5.
Fluid control valve. L. C. Biggle. 2,412,490; Dec. 10.
Fluid control valve. W. A. Ray. 2,398,855; Apr. 23.
Fluid controlling valve. P. K. Saunders. 2,401,112; May 28.
Fluid controlling valve. F. Sutton. 2,412,105; Dec. 3.
Fluid-cooled device. B. W. Jones. 2,399,036; Apr. 23.
Fluid coupling. H. R. Greenlee. 2,392,040; Jan. 1.
Fluid coupling. S. Jencick. 2,397,862; Apr. 2.
Fluid coupling. L. C. Sassmanhausen. 2,409,593; Oct. 15.
Fluid coupling. W. C. Trautman. 2,393,480; Jan. 22.
Fluid-displacing machines operating in parallel, Oscillating. S. S. Beale. 2,408,362; Oct. 1.
Fluid drive control valve. C. B. Livers. 2,395,633; Feb. 26.
Fluid fountain for printing presses. G. M. Russell. 2,408,449; Oct. 1.
Fluid heater. H. L. Barnebey and H. T. Needham. 2,398,279; Apr. 9.
Fluid heater. J. W. Bouldin. 2,399,318; Apr. 30.
Fluid heater. F. H. Praeger. 2,396,200; Mar. 5.
Fluid heater casing. J. F. Harvey. 2,393,770; Jan. 29.
Fluid, Hydraulic. R. R. McGregor and E. L. Warrick. 2,398,187; Apr. 9.
Fluid, Hydraulic pressure. D. L. Katz and A. K. Esterer. 2,402,754; June 25.
Fluid impeller drive. L. A. Kilgore and P. C. Smith. 2,397,183; Mar. 26.
Fluid inlet-outlet device, particularly for clinical purposes. R. M. Curtis. 2,409,343; Oct. 15.
Fluid lift motor. C. G. Boone. 2,394,976; Feb. 19.
Fluid masses, Supersonic treatment of. E. O. Whiteley. 2,407,462; Sept. 10.
Fluid material and preparing the same, Well drilling. D. H. Larsen. 2,393,174; Jan. 15.
Fluid mechanism, Elastic. R. Birmann. 2,405,283; Aug. 6.
Fluid mechanism, Elastic. R. Birmann. 2,407,531; Sept. 10.
Fluid mechanism, Elastic. R. Birmann. 2,410,259; Oct. 29.
Fluid medium storing and dispensing system. H. C. Grant, Jr. 2,412,613; Dec. 17.
Fluid meter. D. K. Allison. 2,402,585; June 25.
Fluid meter. W. F. Berck. 2,399,316; Apr. 30.
Fluid meter. W. H. De Lancey. 2,413,034; Dec. 24.
Fluid motor. E. M. Evans. 2,412,877; Dec. 17.
Fluid motor. C. Senn. 2,402,848; June 25.
Fluid meter. A. R. Whittaker. 2,410,852; Nov. 12.
Fluid motor stroke shifter. D. G. Fawkes. 2,392,980; Jan. 15.
Fluid operated clutch. H. H. Vanderzee. 2,412,436; Dec. 10.
Fluid operated motor. C. A. Mann. 2,411,282; Nov. 19.
Fluid operated motor. C. R. Sacchini. 2,404,747; July 23.
Fluid operated motor. T. F. Stacy. 2,396,296; Mar. 12.
Fluid operated motor. R. F. Taylor. 2,393,204; Jan. 15.
Fluid press. L. L. Schaffer. 2,409,393; Oct. 15.
Fluid pressure actuated modulating control means. T. J. Lehane and J. E. La Rocque. 2,401,004; May 28.
Fluid pressure actuated valve. H. N. Rider. 2,400,372; May 14.
Fluid pressure control mechanism. R. H. Casler. 2,395,395; Feb. 26.
Fluid pressure control mechanism. W. A. Eaton. 2,395,401; Feb. 26.
Fluid pressure control mechanism. E. R. Fitch. 2,412,725; Dec. 17.
Fluid pressure control mechanism. R. R. Stevens. 2,396,448; Mar. 12.
Fluid pressure control mechanism. S. Vorech. 2,394,343; Feb. 5.
Fluid pressure delivery mechanism. C. B. Wilson and A. W. White. 2,395,439; Feb. 26.

Fluid-pressure engine. L. Harries. 2,399,486; Apr. 30.
Fluid pressure gauge. W. S. Faust and H. J. Lavo. 2,405,199; Aug. 6.
Fluid-pressure motor. F. E. Cooper. 2,397,778; Apr. 2.
Fluid pressure motor. A. L. Grise. 2,405,949; Aug. 20.
Fluid pressure motor. W. E. O'Shei. 2,397,621; Apr. 2.
Fluid pressure motor. J. W. Rush and A. J. Bent. 2,413,380; Dec. 31.
Fluid pressure motors, Control. J. F. McGlone. 2,408,795; Oct. 8.
Fluid pressure pump. J. B. Meyer. 2,410,354; Oct. 29.
Fluid pressure regulator. J. A. Paasche. 2,398,503; Apr. 16.
Fluid pressure, Relieving. F. H. Hopkins. 2,396,574; Mar. 12.
Fluid pressure system. E. R. Price. 2,402,344; June 18.
Fluid pump. T. D. Nisbet. 2,405,322; Aug. 6.
Fluid pump gasketing, High-pressure. W. T. Tabb. 2,406,927; Sept. 3.
Fluid reactants, Conversion of. L. C. Huff. 2,407,700; Sept. 17.
Fluid reactants, Conversion of. F. W. Leffer. 2,396,709; Mar. 19.
Fluid remote-control device. E. C. Myers. 2,394,252; Feb. 5.
Fluid seal. A. Bertea. 2,395,953; Mar. 5.
Fluid seal. C. D. Peterson and A. H. Delmel. 2,392,763; Jan. 8.
Fluid separator. J. Fletcher. 2,395,855; Mar. 5.
Fluid separator. J. Fletcher. 2,402,154; June 18.
Fluid-solid contact surface. A. A. Griffith. 2,408,632; Oct. 1.
Fluid speed indicator. E. O. Morton. 2,404,978; July 30.
Fluid storage apparatus. J. H. Wiggins. 2,408,539; Oct. 1.
Fluid streams, Controlling the cooling of convective. L. A. Mekler. 2,409,376; Oct. 15.
Fluid tank. R. B. Gray and J. C. De Weese. 2,406,679; Aug. 27.
Fluid temperature controlling device. L. E. Skelly and H. F. Brinen. 2,395,943; Mar. 5.
Fluid-testing apparatus and method. R. A. Mortensen. 2,396,470; Mar. 12.
Fluid-tight radio shielded joint. J. R. Harkness. 2,407,076; Sept. 3.
Fluid transmission. J. Jandasek. 2,393,470; Jan. 22.
Fluid transmission. E. A. Miller. 2,393,862; Jan. 29.
Fluid transmission. T. H. Thompson. 2,404,668; July 23.
Fluid treating apparatus. G. Kuhn. 2,397,873; Apr. 2.
Fluid treatment and apparatus therefor. H. F. Schmidt. 2,398,048; Apr. 9.
Fluid valve. G. J. Koehler. 2,407,789; Sept. 17.
Fluids, Clarifying. S. W. Briggs. 2,401,222; May 28.
Fluids for use on aerofoil surfaces so as to prevent explosion of the fluid, Supplying inflammable antifreeze. M. L. Taylor. 2,412,846; Dec. 17.
Fluids, Method of and apparatus for separating. E. R. Zeek. 2,402,196; June 18.
Fluids, Treating mud-laden drilling. W. T. Cardwell, Jr. 2,404,038; July 16.
Fluids, Treatment of drilling. R. W. Hoeppel. 2,393,166; Jan. 15.
Fluids, Treatment of mud-laden drilling. T. B. Wayne. 2,393,273; Jan. 22.
Fluids, Treatment of well drilling. R. W. Hoeppel. 2,393,165; Jan. 15.
Fluids with finely divided solid particles, Contacting. R. B. Day and E. R. Kanhofer. 2,395,106; Feb. 19.
Fluids with finely divided solid particles, Contacting. R. B. Day and E. R. Kanhofer. 2,400,194; May 14.
Fluids with solids, Contacting. J. McAfee. 2,394,710; Feb. 12.
Fluoroacetamides and their preparation. G. W. Rigby and H. E. Schroeder. 2,409,315; Oct. 15.
Fluorescent electric lamp. H. J. McCarthy. 2,392,753; Jan. 8.
Fluorescent glow lamp. W. E. Leyshon. 2,409,769; Oct. 22.
Fluorescent lamp. J. L. Cox and D. G. Trutner. 2,411,679; Nov. 26.
Fluorescent lighting luminaire, Dust tight. D. H. Tuck, K. Franck, and W. Quack. 2,413,666; Dec. 31.
Fluorescent tube. W. C. Gref. Re. 22,712; Jan. 22.
Fluorescent zinc oxide. C. A. Nickle. 2,408,475; Oct. 1.
Fluorides in amines of low basicity, Absorption and recovery of. E. C. Hughes and J. D. Bartleson. 2,400,875; May 28.
Fluorination. J. Harmon. 2,404,706; July 23.
Fluorine-containing enamels, Preparation of. A. J. Deyrup. 2,398,494; Apr. 16.
Fluorine-containing, hydrocarbon mixtures, Treatment of. G. A. Ibach and C. C. Tate. 2,412,220; Dec. 10.
Fluorine removal process. F. E. Frey. 2,412,726; Dec. 17.
Fluorite, Beneficiation of. R. B. Booth and J. E. Carpenter. 2,410,770; Nov. 5.
Fluoro-chloro-butanes. F. W. Johnson. 2,398,181; Apr. 9.
Fluoro-chloro hydrocarbons and making them. A. F. Benning and J. D. Park. 2,407,246; Sept. 10.
Fluoroscopic detection apparatus. H. Sicular. 2,398,195; Apr. 9.
Fluoroscopic personnel inspection, Method and apparatus for. H. Sicular. 2,398,196; Apr. 9.
Fluorspar by froth flotation, Concentrating. J. B. Clemmer and B. H. Clemmons. 2,407,651; Sept. 17.
Flush-riveting procedure. A. Sherman and R. Gottlieb. 2,395,348; Feb. 19.
Flush tank. J. C. Owens. 2,412,691; Dec. 17.
Flush tank control. L. B. Green. 2,412,452; Dec. 10.
Flush valve. I. H. Russell and F. C. Binnall. 2,406,259; Aug. 20.
Flushing device, Tank. G. W. Martin. 2,412,738; Dec. 17.
Flushing system, Automatic. W. E. Sloan and J. J. Swartz. 2,395,150; Feb. 19.
Flux for magnesium alloys, Welding. H. A. Reimers. 2,396,604; Mar. 12.
Flux valve. M. C. Depp. 2,403,347; July 2.
Fly cutter. L. A. Smith. 2,406,442; Aug. 27.
Fly sprayer, Pneumatic. R. M. Grams. 2,397,855; Apr. 2.
Flying aircraft carrier. D. S. Fahrney. 2,399,216; Apr. 30.
Flying boat. T. B. Slate. 2,400,173; May 14.
Flying machine. H. L. Vorse. 2,399,839; May 7.
Flying time indicator. A. J. Nelson. 2,394,801; Feb. 12.
Flywheel, Damping. H. L. Burnat. 2,403,478; July 9.
Flywheel, Hydraulic. F. W. Meyer. 2,404,515; July 23.
Foam generation. C. B. White. 2,405,538; Aug. 6.
Foam, Reducing or preventing. L. T. Monson. 2,408,527; Oct. 1.
Focusing enlarger and contact printer, Automatic. C. Kesses. 2,397,668; Apr. 2.
Fog generator. H. A. Roselund. 2,392,883; Jan. 15.
Fog in photographic material, Preventing color. E. E. Jelley and P. W. Vittum. 2,403,721; July 9.
Fog nozzle. T. J. Gothard. 2,408,511; Oct. 1.
Fog or smoke, Synthetic. A. J. Ritchie 2,407,384; Sept. 10.
Foldable box. G. J. Evans. 2,394,850; Feb. 12.
Foldable box. G. J. Evans. 2,410,486; Nov. 5.
Foldable garment hanger. H. Greenberg. 2,404,959; July 30.
Folder, Display. A. B. Dow. 2,411,368; Nov. 19.
Folder, Ruffle. P. Krauss. 2,396,376; Mar. 12.
Folding and stacking machine, Combined. J. E. Preston. 2,403,394; July 2.
Folding barricade stand. F. Stringer. 2,392,011; Jan. 1.
Folding bed structure. E. A. Awiszus. 2,396,550; Mar. 12.
Folding bicycle frame. F. W. Schwinn. 2,394,494; Feb. 5.
Folding box. G. J. Evans. 2,405,564; Aug. 13.
Folding box. D. Levkoff. 2,401,944; June 11.
Folding box. S. Platt. 2,398,155; Apr. 9.
Folding chair. A. A. Maurer. 2,406,305; Aug. 20.
Folding chair. R. T. Schoof. 2,403,558; July 9.
Folding door. R. A. Miller and C. Howard. 2,408,525; Oct. 1.
Folding machine. C. Christiansen. 2,400,074; May 14.
Folding machine. C. P. Tong and J. W. May. 2,400,475; May 14.
Folding machine. L. G. Yachon. 2,394,219; Feb. 5.
Folding machine. C. E. Wyrick. 2,395,983; Mar. 5.
Folding machine and control therefor. J. E. Preston. 2,401,103; May 28.
Folding machine, Box end. A. H. Rines, J. Hardy, and D. J. O'Keefe. 2,410,393; Oct. 29.
Folding machine, Plan. E. C. McFarlane. 2,407,992; Sept. 24.
Folding mechanism, Wrapper. W. B. Bronander. 2,400,682; May 21.
Folding or creasing device. G. A. Lissa. 2,400,698; May 21.
Folding seat. J. L. Caffrey. 2,413,168; Dec. 24.
Folding vehicle seat. W. McArthur. 2,397,322; Mar. 26.
Folding wheel chair. J. G. Rideout. 2,402,085; June 11.
Folding work stand. R. H. Falkenstein. 2,392,584; Jan. 8.
Follow-up device, Electrical. J. C. Needham. 2,403,874; July 9.
Follow-up mechanism. L. E. Wood. 2,407,200; Sept. 3.
Follow-up mechanism, Storage motion. H. W. Link. 2,403,935; July 16.
Follow-up system. H. A. Satterlee. 2,399,695; May 7.
Food antioxidants. M. F. Gribbins, F. W. Miller, Jr., and D. K. O'Leary. 2,397,960; Apr. 9.
Food, Dehydration of. H. A. Shepard. 2,400,845; May 21.
Food dispenser cabinet. R. H. Bishop. 2,397,403; Mar. 26.
Food drier. E. C. Booth. 2,396,455; Mar. 12.
Food product. W. E. Stokes and M. H. Kennedy. 2,412,305; Dec. 10.
Food product, Making a. R. McD. Allen and F. E. Timmer. 2,396,234; Mar. 12.
Food products, Blanching. D. M. McBean. 2,403,871; July 9.
Food products, Method and apparatus for packaging. S. C. Lehman. 2,392,395; Jan. 8.
Food products, Preserving. D. Bensel. 2,401,131; May 28.
Food tendering machine. A. H. Ahrndt. 2,409,463; Oct. 15.

Foods, Dehydrating. F. W. and C. C. MacPherran. 2,401,493; June 4.
Foodstuffs, Process and product of dehydrating. E. W. Flosdorf. 2,400,748; May 21.
Foot actuated switch. V. E. C. Martin. 2,413,148; Dec. 24.
Foot covering. T. N. Herbert. 2,412,087; Dec. 3.
Foot-exercising device. C. C. Moshier. 2,397,428; Mar. 26.
Foot massaging device. O. V. Potter. 2,400,023; May 7.
Foot measuring apparatus. J. Fitzpatrick. 2,391,889; Jan. 1.
Foot mechanism for sewing machines, Presser. B. T. Leveque. 2,408,523; Oct. 1.
Footrest for embalming tables. W. H. Cawood. 2,407,948; Sept. 17.
Footwear. S. L. Kleven. 2,393,539–40; Jan. 22.
Footwear. R. Maling. 2,394,707; Feb. 12.
Footwear. R. Maling. 2,400,243; May 14.
Footwear. R. Maling. 2,404,587; July 23.
Footwear. R. Maling. 2,412,623; Dec. 17.
Footwear. A. E. Murray. 2,404,083; July 16.
Footwear. C. O. Waiper. 2,395,597; Feb. 26.
Footwear, Making. R. Maling. 2,404,586; July 23.
Footwear, Making rubber. E. Gottschalk. 2,412,042; Dec. 3.
Footwear, Manufacture of. J. S. Kamborain. 2,394,997; Feb. 19.
Footwear, Manufacture of. T. T. Taylor. 2,403,313; July 2.
Footwear pressing apparatus. H. L. Davis. 2,392,315; Jan. 8.
Footwear sole. U. Urbany. 2,393,577; Jan. 22.
Forced draft floor heater. W. M. Shaw. 2,408,691; Oct. 1.
Forceps. C. W. Walter. 2,397,823; Apr. 2.
Foreign particles from the eye, Mechanism for removing. C. Andrzejewski. 2,410,257; Oct. 29.
Forging press. H. N. Anderson. 2,404,351; July 23.
Fork, Grappie. A. M. Stevens. 2,412,845; Dec. 17.
Fork, Manure. R. W. Hayward. 2,398,585; Apr. 16.
Fork, Rail torpedo. E. A. Parker. 2,412,746; Dec. 17.
Fork, Spading. B. F. Talley. 2,406,175; Aug. 20.
Form aligner. W. Hyre. Re. 22,799; Oct. 8.
Form Building. E. M. Scharenberg. 2,394,492; Feb. 5.
Form Business. C. R. Yancey. 2,396,221; Mar. 5.
Form Coil winding. J. Gartner. 2,399,621; May 7.
Form Concrete. W. J. McDonald. 2,401,263; May 28.
Form for the construction of concrete walls, beams, and the like. A. H. Hawes. 2,396,174; Mar. 5.
Form for tying necktles. F. K. Stehle. 2,412,480; Dec. 10.
Form for use in building self-sealing containers for gasoline, etc. R. D. Heymann. 2,413,497; Dec. 31.
Form Hull. J. B. Weaver and W. S. Burgess. 2,401,126; May 28.
Form sheet, Perforated multiple part. H. P. Curmode and N. N. Gardiner. 2,392,976; Jan. 15.
Form to provide air passages in concrete walls. J. L. Painter, Jr. 2,407,441; Sept. 10.
Form tool. W. F. Ross. 2,396,289; Mar. 12.
Formaldehyde and aromatic petroleum fraction, Resinous condensation product of. D. E. Badertscher and R. B. Bishop. 2,397,398; Mar. 26.
Formaldehyde and sodium cyanamide, Reaction products of. J. F. Walker. 2,411,396; Nov. 19.
Formaldehyde-cellulose products and making the same. J. B. Rust and W. H. Van Delden. 2,397,437; Mar. 26.
Formaldehyde, Manufacture of. T. K. Sherwood. 2,412,014; Dec. 3.
Formations, Compacting or sealing. D. H. Larsen. 2,393,173; Jan. 15.
Formations in wells, Testing. E. V. Crowell. 2,397,473; Apr. 2.
Former for armature coils. T. Mullarkey. 2,393,397; Jan. 22.
Former for sheet metal parts. C. M. Johnson. 2,397,608; Apr. 2.
Former, Sole and heel W. H. Doherty. 2,406,005; Aug. 20.
Forming and sealing machine, Bottle cap. W. B. Nelson, J. Johnsen, H. F. Dyruff, and S. R. Bell. 2,401,499; June 4.
Forming apparatus. J. D. Stiriss. 2,394,819; Feb. 12.
Forming device, Change. E. J. Partington. 2,400,369; May 14.
Forming device, Cutter. H. C. Vizents. 2,413,532; Dec. 31.
Forming device, Internal. K. J. Hall. 2,411,426; Nov. 19.
Forming machine. L. G. Berquist. 2,405,128; Aug. 6.
Forming machine. G. O. Conner. 2,406,808; Sept. 3.
Forming machine. G. O. Conner. 2,407,253; Sept. 10.
Forming machine. G. O. Conner. 2,407,254; Sept. 10.
Forming machine and feeding device therefor. G. O. Conner. 2,394,534; Feb. 12.
Forming machine, Doughnut. P. S. Premas. 2,405,903; Aug. 13.
Forming machine, Metal. A. E. Nelson. 2,407,573; Sept. 10.
Forming machine, Metal. G. D. Rechton and J. H. Watson. 2,413,518; Dec. 31.
Forming machine, Pipe. H. L. Moor. 2,406,025; Aug. 20.
Forming machine, Stretch. F. C. Hoffman. 2,412,731; Dec. 17.
Formylacetic ester. E. H. Northey. 2,394,255; Feb. 5.
Foundry core binder. H. A. Pace. 2,394,522; Feb. 5.
Foundry sand lifting and flask-filling apparatus. H. H. Rawson. 2,412,425; Dec. 10.
Fountain, Drinking. U. T. Thompson. 2,392,512; Jan. 8.
Fountain, Ink. G. A. MacDonald. 2,410,296; Oct. 29.
Fountain, Ink. A. W. Metzner and A. A. Gopperton. 2,399,688; May 7.
Fountain pen cap construction. L. W. Ormsby. 2,392,942; Jan. 15.
Fountain pump. T. L. Titus. 2,408,009; Sept. 24.
4-aminobenzene-sulfone-carbamic acid derivative. H. Martin, R. Hirt and A. Staub. 2,411,661; Nov. 26.
4-basically substituted 2-sulphanilimidopyramidines, Preparation of. J. P. English. 2,403,713; July 9.
Four-component objective. F. E. Altman. 2,405,729; Aug. 13.
4,4'-bis (pyrazolone) couplers for color photography. A. Bavely. 2,411,951; Dec. 3.
4-substituted thiazoles, Preparing. W. P. Utermohlen, Jr. 2,404,416; July 23.
Fowl picker. A. J. Toti and W. E. Snowden. 2,412,108; Dec. 3.
Fowl, Plucking. L. Jasper. 2,412,338; Dec. 10.
Fractional distillation. W. C. Wilson. 2,404,677; July 23.
Fractionating column. W. N. Hoyte. 2,406,375; Aug. 27.
Fracture reducer. J. H. Giesen. 2,393,982; Feb. 5.
Fracture table or similar structure. A. Comper. 2,396,640; Mar. 19.
Frame; *See*—

Bonded reinforcing frame.	Pool ball rack or frame.
Contact printing frame.	Quilting frame.
Corset drying frame.	Safety razor frame.
Engine frame.	Sewing machine frame.
Filter frame.	Tandem bicycle frame.
Folding bicycle frame.	Textile drawing frame.
Heddle frame.	Twister frame.
Open-faced air filter frame	Uniform cap frame.
Picture frame.	Ventilated spectacle frame.

Frame and support, Tiller. M. S. Ariens. 2,402,009; June 11.
Frame for articles of footwear, Supporting. W. H. Doherty. 2,408,413; Oct. 1.
Frame for crawler tracks. S. F. Armington. 2,411,408; Nov. 19.
Frame for dividing apparatus, Cutting. R. W. Lipp. 2,396,584; Mar. 12.
Frame for filters. O. H. Schaaf. 2,393,419; Jan. 22.
Frame for looms, Dent. F. M. Suchke. 2,398,565; Apr. 16.
Frame for railway car trucks and the like, Side. W. M. Keller. 2,393,046; Jan. 15.
Frame for railway car trucks, Side. H. W. Stertzbach. 2,406,862; Sept. 3.
Frame member. B. E. Balduf. 2,410,922; Nov. 12.
Frame or mount. H. M. Newman. 2,395,191; Feb. 19.
Frame or the like, Picture. S. Madsen. 2,407,431; Sept. 10.
Frame structure. F. E. Lang. 2,409,366; Oct. 15.
Frame structure. A. V. Pedersen. 2,409,383; Oct. 15.
Frame structure, Side. R. E. Cottrell. 2,394,232; Feb. 5.
Framed display, Collapsible. E. M. Roach. 2,408,532; Oct. 1.
Frameless window screen. D. J. Rust. 2,405,855; Aug. 13.
Frames, Gauging vehicle. R. D. Smith. 2,401,980; June 11.
Framing elements. F. Kautz. 2,412,618; Dec. 17.
Frangible explosive containers and the product so produced, Forming. H. W. Arnold. 2,411,862; Dec. 3.
Free piston internal-combustion engine. E. S. L. Beale. 2,408,031; Sept. 24.
Freewheeling clutch. H. C. Grant, Jr. 2,410,818; Nov. 12.
Freewheeling device. F. W. Schwinn. 2,394,112; Feb. 5.
Freezing and carbonating device. J. C. Carothers. 2,411,081; Nov. 12.
Freezing apparatus. H. W. Clum. 2,407,058; Sept. 3.
Frequency changing apparatus and method. E. L. Kent. 2,395,744; Feb. 26.
Frequency control. H. Suter. 2,413,263; Dec. 24.
Frequency control, Automatic. W. R. Koch. 2,404,852; July 30.
Frequency-control device, Electronic. E. H. Lange. 2,406,082; Aug. 20.
Frequency control in ultra high frequency circuits. C. N. Smyth. 2,397,701; Apr. 2.
Frequency conversion and comparison of frequencies, System for. A. Kahn. 2,401,647; June 4.
Frequency converter. J. W. Clark. 2,408,410; Oct. 1.
Frequency counter circuit. P. F. G. Holst and L. R. Kirkwood. 2,411,573; Nov. 26.
Frequency determining device. R. C. Sanders, Jr. 2,403,557; July 9.
Frequency determining system. S. A. Bokovoy and H. Stuntz. 2,405,181; Aug. 6.
Frequency determining unit. S. A. Bokovoy. 2,399,908; May 7.
Frequency difference measurement. T. M. Berry. 2,392,632; Jan. 8.
Frequency meter. L. Hammond and J. M. Hanert. 2,408,930; Oct. 8.

Frequency modulated wave receiver circuits. O. B. Hanson and R. E. Shelby. 2,395,738; Feb. 26.
Frequency modulated waves, Detecting. M. Ziegler. 2,396,360; Mar. 12.
Frequency modulated waves, Reception of. M. Ziegler. 2,407,863; Sept. 17.
Frequency modulation. W. G. Shepherd. 2,407,293; Sept. 10.
Frequency modulation. G. L. Usselman. 2,399,268; Apr. 30.
Frequency modulation receiver tuning indicator. M. G. Crosby. 2,395,725; Feb. 26.
Frequency modulation receiving apparatus. G. W. Fyler. 2,412,039; Dec. 3.
Frequency modulation signaling system, Nonlinear. W. A. Fitch. 2,410,489; Nov. 5.
Frequency multiplier. T. T. Eaton. 2,402,385; June 18.
Frequency multiplier. B. L. Ginzton. 2,408,420; Oct. 1.
Frequency multiplier. R. H. Olson. 2,411,166; Nov. 19.
Frequency multiplier. J. A. Rajchman. 2,405,519; Aug. 6.
Frequency multiplying apparatus. W. O. Bennett, Jr. 2,402,012; June 11.
Frequency response compensating means. M. Brown. 2,411,190; Nov. 19.
Frequency responsive circuit. R. C. Sanders, Jr. 2,403,615; July 9.
Frequency stabilization. M. Ziegler and M. J. Koblisky. 2,406,309; Aug. 20.
Frequency-variable oscillator circuit. W. van B. Roberts. 2,408,684; Oct. 1.
Frequency variation response circuit. B. Noviks and C. A. Valo. 2,393,400; Jan. 22.
Friction-actuated erecting mechanism. T. O. Summers, Jr. 2,412,481; Dec. 10.
Friction and take-up device for screw stems in threaded bearings, Adjustable. L. C. Sanders. 2,392,701; Jan. 8.
Friction assembly, Bonded. C. S. Batchelor. 2,406,653; Aug. 27.
Friction brake. T. J. Schuetz and E. W. Turnquist. 2,408,179; Sept. 24.
Friction clutch. T. H. and W. H. Briggs. 2,392,572; Jan. 8.
Friction clutch. A. Croft. 2,407,060; Sept. 3.
Friction clutch. G. T. Jarret. 2,405,857; Aug. 6.
Friction clutch. W. Mulford. 2,393,926; Jan. 29.
Friction clutch. H. Nutt. 2,406,244; Aug. 20.
Friction clutch. C. B. Spase. 2,407,728; Sept. 17.
Friction composition product. F. J. Lowey and C. H. Tower. 2,408,430; Oct. 1.
Friction control device, Electromagnetic. A. Winther. 2,395,772; Feb. 26.
Friction element. W. A. Blume and E. W. Conarton. 2,410,924; Nov. 12.
Friction element. E. C. Keller and R. E. Spokes. 2,394,783; Feb. 12.
Friction element, Molded. D. H. Miller, P. H. Knowles, and W. A. Hughes. 2,403,674; July 9.
Friction shock absorber. G. A. Johnson and S. B. Haseltine. 2,410,165; Oct. 29.
Friction shock absorbing mechanism. G. E. Dath. 2,393,297; Jan. 22.
Friction shock absorbing mechanism. G. E. Dath. 2,410,152; Oct. 29.
Friction-tipped belt block. P. B. Reeves. 2,406,253; Aug. 20.
Frictional holding means. J. A. Obermaier. 2,413,414; Dec. 31.
Frictional mechanism. W. H. Hunter. 2,406,543; Aug. 27.
Frictional mechanism. R. J. Keller. 2,394,311; Feb. 5.
Froth flotation with simultaneous filtration and collection of froth. A. R. Morse. 2,411,288; Nov. 19.
Fruit and vegetables, Method and apparatus for feeding. B. C. Coons. 2,398,922; Apr. 23.
Fruit, Coating. A. F. Kalmar. 2,412,686; Dec. 17.
Fruit for marmalades, Preparing fruit. O. J. Steinwand. 2,407,801; Sept. 17.
Fruit halving and pitting. F. C. Silva. 2,404,990; July 30.
Fruit holder. N. E. Gaddini. 2,403,517; July 9.
Fruit jar holder. R. M. Faubion. 2,401,470; June 4.
Fruit juice extractor. E. Barany. 2,410,562; Nov. 5.
Fruit packaging, Dried. B. E. Richmond and P. C. Wilbur. 2,411,896; Dec. 3.
Fruit picker. L. Barber. 2,406,055; Aug. 20.
Fruit picker. G. A. Morrell. 2,403,294; July 2.
Fruit picker, Vehicle mounted. P. P. Horni. 2,410,030; Oct. 29.
Fruit, Pitting. G. W. Ashlock, Jr. 2,407,126; Sept. 3.
Fruit treating machine. R. L. Ewald and H. A. Skog. 2,398,780; Apr. 23.
Fruit treatment. A. M. Erickson and J. D. Ryan. 2,408,418; Oct. 1.
Fruits having pits, Treating. R. Polk, Sr., and R. Polk, Jr. 2,402,181; June 18.
Fuel. J. M. Campbell. 2,405,560; Aug. 13.
Fuel air ratio meter. W. A. Reichel. 2,393,708; Jan. 29.
Fuel and process for thermally working minerals therewith, Flux-forming. C. J. Burch. 2,402,947; July 2.
Fuel and producing same, Liquid. A. B. Hersberger and K. M. Thompson. 2,397,859; Apr. 2.
Fuel and thermally working minerals therewith, Flux-forming. R. B. Aitchison. 2,392,353; Jan. 8.
Fuel and using same, Motor. E. R. Johnson. 2,406,544; Aug. 27.
Fuel, Aviation. T. B. McCulloch. 2,411,582; Nov. 26.
Fuel burner. C. E. Jordan. 2,395,276; Feb. 19.
Fuel burner. L. L. Leach. 2,397,793; Apr. 2.
Fuel burner. J. A. Mason. 2,396,867; Mar. 19.
Fuel burner system, Liquid. E. J. Senninger. 2,397,986; Apr. 9.
Fuel burners of the pressure type, Preheater for liquid. H. C. Hebard. 2,402,139; June 18.
Fuel burning apparatus, Liquid. M. A. Powers and N. H. Sutterfield. 2,405,234; Aug. 6.
Fuel combustion, Controlling. F. W. McManus. 2,401,836; June 11.
Fuel composition. W. A. Schulze and R. C. Alden. 2,409,156–7; Oct. 8.
Fuel container. A. J. Klose. 2,397,184; Mar. 26.
Fuel container. D. J. Sullivan. 2,405,986; Aug. 20.
Fuel control, Automatic. D. S. Hersey. 2,400,415; May 14.
Fuel control means. D. S. Hersey. 2,400,414; May 14.
Fuel control valve. G. M. Holley, Jr. 2,405,888; Aug. 13.
Fuel, Diesel. E. M. Nygaard, J. H. McCracken, and N. H. Hamilton. 2,392,611; Jan. 8.
Fuel, Diesel type. B. T. Anderson and M. T. Flaxman. 2,413,482; Dec. 31.
Fuel feed systems, Control. J. E. Bates. 2,405,126; Aug. 6.
Fuel feeder. W. M. Fulton. 2,395,732; Feb. 26.
Fuel feeding apparatus. A. O. Anderson. 2,412,193; Dec. 10.
Fuel fired vacuum furnace. J. J. Turin and A. W. Peters. 2,404,328; July 16.
Fuel, High-compression motor. R. I. Stirton. 2,413,262; Dec. 24.
Fuel, Igniting liquid. H. A. Beckstrom. 2,407,973; Sept. 24.
Fuel in internal-combustion engines, Saving. A. and J. Weiss. 2,392,207; Jan. 1.
Fuel in internal-combustion engines, Saving. A. and J. Weiss. 2,393,579; Jan. 22.
Fuel injection apparatus. L. O. French. 2,397,136; Mar. 26.
Fuel injection engine. A. F. Sanders. 2,393,872; Jan. 29.
Fuel injection in internal-combustion engines. G. S. Kammer. 2,398,834; Apr. 23.
Fuel injection mechanism. L. E. Johnson. 2,410,946; Nov. 12.
Fuel injection pump. G. E. Davidson. 2,394,668; Feb. 12.
Fuel injection pump. G. P. Lum. 2,393,544; Jan. 22.
Fuel injection pump. W. G. Meyers. 2,398,798; Apr. 23.
Fuel injection pump. W. E. Sheehan. 2,413,115; Dec. 24.
Fuel injection pump mechanism. L. E. Johnson. 2,410,947; Nov. 12.
Fuel injection, Supercharger. K. A. Browne. 2,396,362; Mar. 12.
Fuel injection system. J. F. Campbell. 2,412,316; Dec. 10.
Fuel injector. L. O. French. 2,392,374; Jan. 8.
Fuel introduction to engine cylinders, Control of. H. Schreck. 2,412,361; Dec. 10.
Fuel, Manufacture of. E. R. Boedeker and A. G. Oblad. 2,397,085; Mar. 26.
Fuel, Manufacture of motor. J. P. Jones. 2,396,853; Mar. 19.
Fuel, Manufacture of motor. R. T. Sanderson. 2,404,661; July 23.
Fuel metering and distributing means. E. T. Vincent. 2,399,587; Apr. 30.
Fuel metering means. C. F. Schorn. 2,397,984; Apr. 9.
Fuel mixture control system, Automatic. C. A. Teichert. 2,395,648; Feb. 26.
Fuel oil heater. A. F. Morgenier. 2,394,868; Feb. 12.
Fuel oil, Improving the cetane value of a hydrocarbon H. G. Berger and D. E. Badertscher. 2,392,570 Jan. 8.
Fuel or an aviation or motor fuel constituent, Production of an aviation or motor. S. F. Birch, F. A. Fidler and L. S. Thornes. 2,407,214; Sept. 10.
Fuel preparing apparatus, Liquid. H. B. Holthouse, Jr. 2,411,040; Nov. 12.
Fuel, Production of a blending. S. H. McAllister and N. E. Peery. 2,394,797; Feb. 12.
Fuel, Production of aviation. C. L. Thomas. 2,399,261; Apr. 30.
Fuel, Production of high antiknock. G. B. Zimmerman. 2,404,340; July 16.
Fuel, Production of motor. F. E. Frey. 2,394,906; Feb. 12.
Fuel, Production of motor. E. C. Herthel. 2,402,328; June 18.
Fuel, Production of motor. C. L. Thomas. 2,410,316; Oct. 29.
Fuel proportioning device. D. S. Hersey. 2,400,413; May 14.
Fuel pump. N. Fodor. 2,395,964; Mar. 5.
Fuel pump. A. C. Korte. 2,394,860; Feb. 12.
Fuel pump. S. M. Udale. 2,409,965; Oct. 22.

Fuel receiving and conveying apparatus. E. Martin. 2,412,408; Dec. 10.
Fuel saving device for oil heaters. J. Carlise. 2,411,504; Nov. 26.
Fuel storage system, Underground. R. B. Gray. 2,398,828; Apr. 23.
Fuel supply system. R. R. Curtis and F. W. Heckert. 2,394,431; Feb. 5.
Fuel supply system. L. Lee, II. 2,402,332; June 18.
Fuel supply tank. M. L. Bramson. 2,395,802; Mar. 5.
Fuel system. J. B. Black. 2,409,245; Oct. 15.
Fuel system. R. R. Curtis. 2,409,931; Oct. 22.
Fuel system, Multiple tank. D. Samiran. 2,406,854; Sept. 3.
Fuel tank. R. A. Crawford. 2,392,902; Jan. 15.
Fuel tank. E. E. Hanson and C. R. Park. 2,404,766; July 23.
Fuel tank. M. R. Wells. 2,407,622; Sept. 10.
Fuel tank in aircraft wings, Structure for supporting. R. Montgomery and G. W. Schane. 2,407,614; Sept. 10.
Fuel tank lining, Aircraft. F. T. Weiss and W. A. Sullivan. 2,403,200; July 2.
Fuel tank mounting. F. Prior. 2,410,182; Oct. 29.
Fuel transfer system. R. J. Woods. 2,394,506; Feb. 5.
Fuels and making same, Motor. L. A. Clarke. 2,406,667; Aug. 27.
Fuels, Blending. I. Bergsteinsson. 2,394,743; Feb. 12.
Fuels, Diesel. G. H. B. Davis. 2,403,267; July 2.
Fuels, Diesel. T. T. Noland and E. M. Nygaard. 2,392,610 Jan. 8.
Fuels employed in Diesel engines and furnace oil burners, Treatment of. J. M. Campbell. 2,400,915; May 28.
Fuels for aircraft engines. G. H. B. Davis, W. J. Sweeney, and W. A. Herbst. 2,403,268; July 2.
Fuels, Improving aviation. K. C. Laughlin. 2,409,695; Oct. 22.
Fuels, Manufacture of motor. A. R. Goldsby. 2,391,962; Jan. 1.
Fuels, Motor. P. L. De Verter. 2,409,171; Oct. 8.
Fuels, Motor. T. W. Evans and A. G. Cattaneo. 2,409,746; Oct. 22.
Fuels, Motor. A. E. Robertson. 2,404,094; July 16.
Fuels, Motor. A. E. Robertson. 2,408,999; Oct. 8.
Fuels, Motor. A. L. Stanly and A. G. Cattaneo. 2,401,983; June 11.
Fuels, Motor. P. L. Veltman. 2,409,167; Oct. 8.
Fuels, Preparation of high grade antiknock motor. A. Hagemann. 2,403,524; July 9.
Fuels, Production of high octane number. A. P. Hewlett. 2,403,279; July 2.
Fuels, Treating Diesel. P. Miller and E. Lieber. 2,402,427; June 18.
Full cycle hydraulic valve. W. T. Stephens. 2,411,837; Nov. 26.
Full display flag holder. A. O. Zedler. 2,409,411; Oct. 15.
Fulling. E. J. Wilson. 2,398,342; Apr. 9.
Fumarodinitrile, Production of. C. A. Hochwalt. 2,399,349; Apr. 30.
Fumigant. F. L. Campbell and W. C. Fernelius. 2,413,405; Dec. 31.
Fumigant and fumigating. W. C. Fernelius and F. L. Campbell. 2,413,408; Dec. 31.
Fumigant mixtures. F. W. Fletcher and E. Kenaga. 2,391,890; Jan. 1.
Fumigation method. P. R. Wenck and W. A. Henson. 2,407,333; Sept. 10.
Fumigator. C. Williams. 2,400,674; May 21.
Fungicide. M. N. Huffman. 2,396,264; Mar. 12.
Funnel. L. J. Madden. 2,411,049; Nov. 12.
Funnel guide mounting. H. O. Davidson. 2,411,036; Nov. 12.
Funnel guide mounting. H. D. Haley and H. D. Schaffer. 2,411,035; Nov. 12.
Fur, Treating. A. Pierini. 2,410,898; Nov. 12.
Furfural in extractive distillation plants, Reducing corrosion and polymerization. V. Mertz. 2,409,781; Oct. 22.
Furfural recovery. B. J. Mayland. 2,412,823; Dec. 17.
Furnace; *See*—

Air heating furnace.	Melting furnace.
Automatically fed furnace.	Metal heating or melting furnace.
Blast furnace.	Metallurgical furnace.
Continuous furnace.	Open-hearth furnace.
Cupola furnace.	Regenerative furnace.
Electric arc furnace.	Reverberatory furnace.
Electric furnace.	Rotary forge furnace.
Electric glass melting furnace.	Rotary furnace.
Floor furnace.	Rotatory hearth furnace.
Fuel fired vacuum furnace.	Split induction coil furnace.
Glass furnace.	Stationary flash calcining furnace.
Glassmaking furnace.	Steam generator furnace.
Gravity furnace.	Tunnel furnace.
High temperature furnace.	Warm air furnace.
Hot air furnace.	
Ignition furnace.	

Furnace. F. T. Agricola. 2,400,900; May 28.
Furnace. J. V. Boland and B. Burton. 2,394,975; Feb. 19.
Furnace. B. Johansson. 2,399,871; May 7.
Furnace. B. Johnson and H. C. Foster. 2,393,106; Jan. 15.
Furnace. D. F. Jones, J. W. Miller, and B. D. Figg. 2,400,150; May 14.
Furnace. J. A. Ulberg. 2,395,594; Feb. 26.
Furnace. E. Wainer. 2,399,609; Apr. 30.
Furnace and firing apparatus, Industrial. J. M. Guthrie. 2,409,272; Oct. 15.
Furnace assembly. R. Martin. 2,407,375; Sept. 10.
Furnace checkers and flues, Method and apparatus for cleaning. W. J. Montgomery. 2,409,442; Oct. 15.
Furnace construction. C. W. Nichols. 2,412,057; Dec. 3.
Furnace construction, Blast. A. J. Whitcomb. 2,411,487; Nov. 19.
Furnace device. T. H. Breen. 2,403,044; July 2.
Furnace for sintering machines, Ignition. M. F. Morgat 2,402,339; June 18.
Furnace heat indicator. H. A. Strickland, Jr. 2,404,147; July 16.
Furnace load control, Induction. H. A. Strickland, Jr. 2,402,852; June 25.
Furnace machine, Electric. H. A. Strickland, Jr. 2,408,350; Sept. 24.
Furnace operation, Open hearth. R. S. A. Dougherty and J. E. Eberhardt. 2,396,461; Mar. 12.
Furnace repair unit, Open-hearth. J. J. Cain, Jr. 2,408,016; Sept. 24.
Furnace roof construction. W. H. Payne. 2,401,370; June 4.
Furnace structure. M. W. Barnes. 2,395,091; Feb. 19.
Furnace tilting device. W. E. Moore. 2,402,505; June 18
Furnace tuyère, Blast. J. H. Sprow. 2,405,461; Aug. 6.
Furnace wall. L. H. Hosbein. 2,413,183; Dec. 24.
Furnace with horizontal burner, Floor. J. L. Breese. 2,401,330; June 4.
Furnaces, Means and method of controlling glass. F. B. Hess and L. F. Robertson. 2,401,640; June 4.
Furnaces, Method and apparatus for controlling reduction. J. R. Green and J. P. Vollrath. 2,395,385; Feb. 19.
Furnaces, Operating blast. S. A. Sanford. 2,404,461; July 23.
Furnaces, Operating reduction-melting. J. E. Carter and R. K. Gensler. 2,413,215; Dec. 24.
Furniture. E. J. Kump, Jr. 2,404,182; July 16.
Furniture, construction. M. Weingarten. 2,393,349; Jan. 22.
Furniture handle. E. W. North and R. A. Stone. 2,407,763; Sept. 17.
Furnitnre, Metal. E. C. Booth. 2,408,907; Oct. 8.
Furniture, Manufactured article of. C. L. Stevens. 2,407,940; Sept. 17.
Furnitnre, Metal. E. C. Booth. 2,408,907; Oct. 8.
Furniture, Metallic. C. L. Dewey. 2,393,757; Jan. 29.
Furoic acid and furoic acid salts, Manufacturing. A. P. Dunlop. 2,407,066; Sept. 3.
Fuse. R. G. Butler, Jr., and J. W. Moseman, Jr. 2,396,245; Mar. 12.
Fuse. W. F. Errig and E. S. De Hart. 2,405,023; July 30.
Fuse. M. W. Fischer. 2,397,781; Apr. 2.
Fuse. H. C. Hebard. 2,400,002; May 7.
Fuse. A. Y. Leech, Jr., and H. H. Mohaupt. 2,405,840; Aug. 13.
Fuse. W. T. Moore, J. H. Church, and W. E. Thibodeau. 2,400,128; May 14.
Fuse. W. O. Schultz. 2,410,244; Oct. 29.
Fuse. A. F. Teitscheid. 2,392,430; Jan. 8.
Fuse. J. H. Woodberry, C. G. Storm, J. S. Barker, F. H. Miles, Jr., H. M. Brayton, and C. E. Seavey. 2,402,702; June 25.
Fuse and setting apparatus, Electric. N. B. Wales, Jr. 2,404,553; July 23.
Fuse, Bomb. J. C. Byrnes, E. C. Moriarty, and J. C. Darnall. 2,400,100; May 14.
Fuse, Bomb. R. L. Graumann. 2,409,205; Oct. 15.
Fuse, Bomb. E. C. Moriarty. 2,407,844; Sept. 17.
Fuse clip. G. E. Fitzgerald. 2,402,491; June 18.
Fuse construction. P. Kiang. 2,404,135; July 16.
Fuse construction, Molded plastic. G. W. Wiard. 2,395,206; Feb. 19.
Fuse, Current-limiting. C. G. Suits. 2,408,351; Sept. 24.
Fuse device. W. O. Schultz and A. G. Steinmayer. Re. 22,855; Oct. 15.
Fuse device. W. O. Schultz and A. G. Steinmayer. 2,398,469; Apr. 16.
Fuse, Electric. M. F. Peters and J. J. Phillips. 2,411,460; Nov. 19.
Fuse, Electrically energized. N. B. Wales, Jr. 2,403,567; July 9.
Fuse, Expulsion. A. G. Steinmayer. 2,409,077; Oct. 8.
Fuse for automatic destruction of shells. G. Honger. 2,405,653; Aug. 13.
Fuse for projectiles. J. B. Semple. 2,392,884; Jan. 15.
Fuse, High voltage. O. R. Schurig. 2,392,703; Jan. 8.
Fuse link. E. F. Boothe. 2,394,590; Feb. 12.
Fuse links, Assembling. C. W. Brown. 2,412,712; Dec. 17.
Fuse, Mechanical time. F. T. Christian. 2,396,987; Mar. 19.
Fuse, Mechanical time. M. P. Whitney. 2,397,066; Mar. 19.
Fuse of the controlled operation type, Electrical breaking. A. Haefelfinger. 2,400,408; May 14.
Fuse, Percussion. O. Rasmussen. 2,398,718; Apr. 16.

Fuse, Projectile. J. H. Church and W. E. Thibodeau. 2,399,663; May 7.
Fuse, Time. J. C. Whitesell, Jr. 2,398,266; Apr. 9.
Fused articles, Production of. S. H. Stupakoff. 2,412,925; Dec. 17.
Fused electrical plug. M. Medlin. 2,406,154; Aug. 20.
Fusee, Railroad. J. Vinton and D. MacMillan. 2,412,018; Dec. 3.
Fuselage and wing construction, Aircraft. A. G. Dean. 2,407,480; Sept. 10.
Fuselages, Constructing tubular. L. C. Miller and G. E. Scarlett. 2,409,782; Oct. 22.
Fusions containing magnesium chloride, Preparation of. J. L. Wood and R. B. MacMullin. 2,406,935; Sept. 3.
Gain control, Automatic. L. E. Norton. 2,406,433; Aug. 27.
Gain-control system for seismic amplifiers. E. J. Shimek and W. B. Hemphill. 2,408,001; Sept. 24.
Galvanizing. A. J. Mauger and A. H. Ward. 2,405,592; Aug. 13.
Galvanometer. C. M. Hathaway. 2,410,379; Oct. 29.
Gambrel, Foldable. J. W. Harding. 2,411,856; Dec. 3.
Game. G. S. Cox and E. J. Sandel. 2,409,547; Oct. 15.
Game. W. A. Dubay. 2,413,550; Dec. 31.
Game. G. A. Mills. 2,409,144; Oct. 8.
Game. P. T. O'Brien. 2,413,369; Dec. 31.
Game. E. F. Rebholz. 2,408,270; Sept. 24.
Game. P. P. Yejoff. 2,393,726; Jan. 29.
Game and toy. C. L. Osborn. 2,394,802; Feb. 12.
Game apparatus. W. F. Drueke. 2,395,174; Feb. 19.
Game apparatus. C. Metz. 2,392,174; Jan. 1.
Game apparatus. L. W. Pagel. 2,400,019; May 7.
Game apparatus. E. B. Sanchez. 2,408,687; Oct. 1.
Game apparatus. J. M. Schutte. 2,401,195; May 28.
Game, Baseball. J. Caesar. 2,412,714; Dec. 17.
Game board. J. A. Clark. 2,404,993; July 23.
Game board. E. L. Jones. 2,409,493; Oct. 15.
Game board. G. G. Mevi. 2,410,988; Nov. 12.
Gameboard device. O. Mautner and M. K. Lebworth. 2,409,373; Oct. 15.
Game board for the blind. J. O. Kleber. 2,399,041; Apr. 23.
Game, Bowling. W. W. Kottas. 2,404,296; July 16.
Game, Card. W. W. Peterman. 2,409,584; Oct. 15.
Game carrier. C. H. McMillan. 2,407,172; Sept. 3.
Game device. L. H. Amdur. 2,406,731; Aug. 27.
Game device. F. Baumgartner. 2,410,800; Nov. 12.
Game device. C. Rodekurt. 2,396,475; Mar. 12.
Game, Electric target. L. Z. Plebanek. 2,404,653; July 23.
Game, Military chess. B. Hoffman. 2,400,644; May 21.
Game of travel. J. E. Wood. 2,399,902; May 7.
Game, Race horse. L. Z. Plebanek. 2,400,261; May 14.
Game, Teeter motor. W. M. Gates. 2,398,180; Apr. 9.
Gang clamp. R. R. Harrison. 2,394,240; Feb. 5.
Gantry. W. W. Kirton. 2,410,979; Nov. 12.
Gap closing device. E. St. Pierre. 2,394,339; Feb. 5.
Garage door opener and lock mechanism, Automatic. J. F. Schulze. 2,396,610; Mar. 12.
Garbage can holder. S. Wargo. 2,409,326; Oct. 15.
Garbage receptacle. F. McDonald. 2,394,319; Feb. 5.
Garbonza and like crops, Combine for. R. L. Anderson. 2,402,007; June 11.
Gardening device. C. H. Mann. 2,394,192; Feb. 5.
Garment. J. Daniels. 2,399,428; Apr. 30.
Garment. C. d'Aprile. 2,411,129; Nov. 12.
Garment. J. X. Gagnon. 2,402,323; June 18.
Garment. B. P. Garrison. 2,412,502; Dec. 10.
Garment. M. M. Handt. 2,407,550; Sept. 10.
Garment. H. S. Heilbronner. 2,410,212; Oct. 29.
Garment. J. J. Kispert. 2,407,885; Sept. 17.
Garment. M. I. Lehman. 2,412,522; Dec. 10.
Garment. S. Marcus. 2,399,238; Apr. 30.
Garment. E. T. Nunn. 2,406,893; Sept. 3.
Garment. H. B. Northrup. 2,393,258–9; Jan. 22.
Garment. L. Novy. 2,396,117; Mar. 5.
Garment and manufacturing the same, Full-fashioned knitted. L. Silman. 2,406,969; Sept. 3.
Garment bag. J. H. Vineberg. 2,392,345; Jan. 8.
Garment, Bifurcated. J. Koret. 2,398,537; Apr. 16.
Garment, Body. V. M. Truesdell. 2,409,601; Oct. 15.
Garment combination, Infant's sleeping. L. L. Steigerwald. 2,401,026; May 28.
Garment construction. P. Hochfelder. 2,403,598; July 9.
Garment construction. H. L. Seegal. 2,398,258; Apr. 9.
Garment display form. J. Mayer. 2,412,900; Dec. 17.
Garment finisher. G. W. Du Nah. 2,410,485; Nov. 5.
Garment for animals. A. Norvig. 2,408,575; Oct. 1.
Garment for infants, Restraining. W. and W. A. Stauffacher. 2,404,108; July 16.
Garment, Foundation. P. Amyot. 2,401,325; June 4.
Garment, Foundation. C. R. Glines. 2,406,215; Aug. 20.
Garment, Foundation. J. V. Hollar. 2,400,823; May 21.
Garment, Foundation. H. M. Ibsen. 2,413,502; Dec. 31.
Garment hanger. C. S., E. C., and E. T. Bjorklund. 2,412,245; Dec. 10.
Garment hanger. O. C. Byrket. 2,409,927; Oct. 22.
Garment hanger. S. I. Cohen. 2,403,639; July 9.
Garment hanger. R. W. Colwell. 2,401,413; June 3.
Garment hanger. J. D. Coney. 2,391,947; Jan. 1.
Garment hanger. P. E. Dubbe. 2,412,606; Dec. 17.
Garment hanger. E. P. Elston. 2,413,221; Dec. 24.
Garment hanger. A. F. Isaak. 2,412,735; Dec. 17.
Garment hanger. E. L. Johnson. 2,408,145; Sept. 24.
Garment hanger. L. E. Law. 2,400,761; May 21.
Garment hanger. F. Le Roy. 2,407,841; Sept. 17.
Garment hanger. E. F. Ramstack and C. R. Clafendetcher. 2,409,956; Oct. 22.
Garment hanger. H. C. Ruen and H. M. Simmons. 2,391,923; Jan. 1.
Garment hanger. J. Schlank. 2,401,969; June 11.
Garment hanger. W. F. Thompson and A. R. Speare. 2,393,074; Jan. 15.
Garment hanger. L. A. Young. 2,392,022; Jan. 1.
Garment hanger and garment suspender device. S. Falcetti. 2,398,138; Apr. 9.
Garment hangers, Making. L. A. Young. 2,409,170; Oct. 8.
Garment holder. P. Gilliland. 2,405,124; Aug. 6.
Garment, Infant's. C. and H. E. Wiese. 2,410,374; Oct. 29.
Garment insert. G. Nimetz. 2,399,564; Apr. 30.
Garment lacing. B. F. Pease, Jr. 2,409,381; Oct. 15.
Garment, Maternity. L. E. McCarthy. 2,407,340; Sept. 10.
Garment, One-piece. J. Weingarten. 2,408,537; Oct. 1.
Garment, Paper. F. D. Turner. 2,406,416; Aug. 27.
Garment rack. A. E. Sanderson. 2,412,011; Dec. 3.
Garment, Rain protective. B. A. Levitt. 2,408,662; Oct. 1.
Garment, Snow and rain protector. K. Kochane. 2,411,922; Dec. 3.
Garment supporting belt. B. F. Pease. 2,392,761; Jan. 8
Garment trimming apparatus. J. Schlesinger. 2,397,983; Apr. 9.
Garment trimming machine. V. J. and J. Sigoda, and J. Cosentino. 2,397,991; Apr. 9.
Gas absorbent material and making the same. P. Borgstrom. 2,395,842; Mar. 5.
Gas adsorption. A. H. Schutte. 2,397,566; Apr. 2.
Gas-air inspirator. H. O. Mercier. 2,412,348; Dec. 10.
Gas analysis and control. C. G. Gerhold. 2,393,362; Jan. 22.
Gas analysis sample, Collecting. W. J. Fene and G. L. Freas. 2,411,157; Nov. 19.
Gas analyzer. A. P. Sullivan. 2,404,993; July 30.
Gas burner. H. Dobrin. 2,403,431; July 9.
Gas burner. M. H. Kuhner. 2,392,822; Jan. 15.
Gas burner. H. Lange. 2,409,129; Oct. 8.
Gas burner. D. M. Stainbrook. 2,400,030; May 7.
Gas burner. T. H. Thiele. 2,403,139; July 2.
Gas burner assembly. C. L. Dewey. 2,400,397; May 14.
Gas burner system. J. O. Moorhead. 2,408,673; Oct. 1.
Gas cleaner apparatus. G. H. Wolfe. 2,392,872; Jan. 15.
Gas compressor station. S. S. Stevens. 2,392,783; Jan. 8
Gas cylinder holder. B. L. McCabe. 2,404,513; July 23.
Gas deflector for internal-combustion engines, Exhaust. T. R. Kelley. 2,409,496; Oct. 15.
Gas engine. H. Schreck. 2,397,511; Apr. 2.
Gas equipment, Liquid petroleum. W. C. Buttner and S. L. Sundstrom. 2,405,998; Aug. 20.
Gas filling and tipping-off envelopes, Method and apparatus for. W. J. Geiger and R. J. Ayres. 2,403,073; July 2.
Gas generating apparatus and control system therefor. J. H. Bucknam. 2,402,522; June 18.
Gas handling system, Liquefied. D. G. Arndt and S. K. Holt. 2,400,037; May 7.
Gas heating burner. O. W. Hahn. 2,395,868; Mar. 5.
Gas mixture. L. E. Seley. 2,411,759; Nov. 26.
Gas producing apparatus, Inert. W. J. Willenborg. 2,392,711; Jan. 8.
Gas pump. P. J. Voreaux. 2,405,475; Aug. 6.
Gas purification process. J. A. Shaw. 2,395,509; Feb. 26.
Gas purifying apparatus. H. T. Holzwarth. 2,413,324; Dec. 31.
Gas-scrubbing apparatus. C. M. Cooper. 2,398,345; Apr. 16.
Gas storage cylinders, Apparatus and method for filling. G. H. Smith. 2,411,235; Nov. 19.
Gas supply apparatus and control system therefor. C. A Siver. 2,402,523; June 18.
Gas system for firearms. W. A. Schaich. 2,409,225; Oct. 15.
Gas testing, Continuous electrolytic. W. P. Yant, M. G Jacobson, and J. P. Strange. 2,401,287; May 28.
Gas, Treatment of. R. D. Gunn. 2,409,558; Oct. 15.
Gas tube circuit. H. J. Woll. 2,409,522; Oct. 15.
Gas turbine. A. H. Matthews. 2,411,798; Nov. 26.
Gas-turbine plant. W. Traupel. 2,392,622–3; Jan. 8.
Gas unit, Multiple purpose. J. L. Bloomheart. 2,407,221; Sept. 10.
Gaseous discharge tube. C. Hillyer, Jr., and H. Blackstone. 2,409,855; Oct. 22.
Gaseous electrical space discharge rectifying device. P. W. Stutsman. 2,403,033; July 2.
Gaseous mixture. S. H. White. 2,411,769; Nov. 26.
Gaseous mixtures, Separation of the constituents of. W. Dennis. 2,411,680; Nov. 26.
Gaseous mixtures, Separation of the constituents of. C. C. Van Nuys. 2,409,458; Oct. 15.

Gaseous mixtures, Separation of hydrate-forming components of. A. J. L. Hutchinson. 2,410,583; Nov. 5.
Gaseous tube. P. K. Ranney. 2,395,145; Feb. 19.
Gases and solids, Separation of. L. C. Huff. 2,400,645; May 21.
Gases in gas mixtures, Determining combustible. R. Weber. 2,399,965; May 7.
Gases in the atmosphere, Rendering harmless poisonous. E. Bert. 2,394,887; Feb. 12.
Gases from liquids, Releasing. B. C. Boeckeler. 2,411,186; Nov. 19.
Gases from sulphite pulp digesters, absorbing relief. J. D. Jenssen. 2,402,895; June 25.
Gases or the like, Separating. N. C. Turner. 2,398,817; Apr. 23.
Gases, Method and apparatus for separating and liquefying. W. L. De Baufre. 2,411,711; Nov. 26.
Gases, Purification of. H. J. Hall and J. C. Munday. 2,411,208; Nov. 19.
Gases, Purifying exhaust. B. Baringoltz. 2,409,825; Oct. 22.
Gases, Recovery of acidic. A. W. Hixson and R. Miller. 2,405,747; Aug. 13.
Gases, Scrubbing dust-laden. C. E. Johnig. 2,404,071; July 16.
Gases, Selective adsorption of. G. H. Burrell and L. V. Guild. 2,399,095; Apr. 23.
Gases, Separation and recovery of unsaturated. R. A. Graff. 2,410,496; Nov. 5.
Gases, Separation of. N. C. Beese. 2,394,357; Feb. 5.
Gases, Superheating. C. F. Ramseyer. 2,399,450; Apr. 30.
Gases, Treating. M. Serre and F. J. Kurth. 2,396,208; Mar. 5.
Gasket. H. H. Dunkle. 2,397,597; Apr. 2.
Gasket. M. A. Gleeson. 2,401,923; June 11.
Gasket. E. A. Hertzell and R. H. Anderson. 2,403,364; July 2.
Gasket, Cylinder head. A. J. Aukers. 2,395,243; Feb. 19.
Gasket, Inflatable. W. E. W. Petter, W. M. Widgery, and S. T. A. Richards. 2,401,624; June 4.
Gasket, Pipe thread. A. F. Hoesel. 2,407,552; Sept. 10.
Gasket, Pipe thread. A. F. Hoesel. 2,407,553; Sept. 10.
Gasket, Vacuum printing frame. C. Q. Glassey. 2,398,303; Apr. 9.
Gasoline. E. L. Walters. 2,395,382; Feb. 19.
Gasoline. E. L. Walters. 2,410,846; Nov. 12.
Gasoline and of addition agents therefor, Stabilization of. D. B. Luten, Jr. 2,410,829; Nov. 12.
Gasoline and of addition agents therefor, Stabilization of. E. L. Walters. 2,410,847; Nov. 12.
Gasoline and like engines, Priming arrangement for. J. A. Hunt. 2,401,343; June 4.
Gasoline and the production thereof. W. A. Bailey, Jr., and B. S. Greensfelder. 2,407,052; Sept. 3.
Gasoline, Aviation. F. T. Weiss and C. E. Arbuthnot. 2,399,413; Apr. 30.
Gasoline, Blended. H. H. Zuidema and J. E. Mital. 2,402,663; June 25.
Gasoline blending stocks. Manufacture of aviation. W. A. Schulze and C. J. Helmers. 2,403,879; July 9.
Gasoline, Making. J. C. Munday. 2,398,846; Apr. 23.
Gasoline, Manufacture of. J. W. Teter. 2,412,371; Dec. 10.
Gasoline, Manufacture of aviation. W. A. Schulze and C. J. Helmers. 2,400,843; May 21.
Gasoline, production, Aviation. R. F. Marschner. 2,403,869; July 9.
Gasoline, production, Aviation. E. B. Peck. 2,409,382; Oct. 15.
Gasoline, Production of. L. G. Hall and H. G. Boucher. 2,407,192; Sept. 10.
Gasoline, Production of aviation. P. E. Hurley and J. B. Dunlap. 2,399,805; May 7.
Gasoline, Production of aviation. I. G. Nixon. 2,404,452; July 23.
Gasoline, Production of aviation. R. H. Newton. 2,406,694; Aug. 27.
Gasoline, Production of aviation. J. M. Powers. 2,393,665; Jan. 22.
Gasoline, Production of aviation. D. Read, Jr. 2,394,716; Feb. 12.
Gasoline, Production of catalytically cracked. G. C. Montgomery and R. W. McOmie. 2,400,431; May 14.
Gasoline, Sweetening of. H. E. Messmore. 2,393,476; Jan. 22.
Gasolines, Catalytic finishing of. R. M. Cole. 2,413,312; Dec. 31.
Gate: *See*—
Elevating end gate.
Crossing gate.
Gate. E. B. Sawyer. 2,393,418; Jan. 22.
Gate control for dump trucks. M. Correa. 2,394,153; Feb. 5.
Gate release, Film. W. A. Lebus. 2,407,339; Sept. 10.
Gate valve. A. O. L. Wennerby. 2,394,128; Feb. 5.
Gatherer, Fruit. R. E. Martin. 2,402,201; June 18.
Gatherer, Hay. W. H. Rodefeld. 2,405,755; Aug. 13.
Gathering and loading machine, Material. F. Cartlidge. 2,399,101; Apr. 23.
Gauge: *See*—
Airplane wing contour gauge.
Capacitor fuel gauge.
Collapsible wheel aligning gauge.
Collocating gauge.
Differential pressure gauge.
Dimension testing gauge.
Dust gauge.
Dynamic pressure gauge.
Electric gauge.
Elongation gauge.
Fluid pressure gauge.
Inspection gauge.
Internal adjustable thread gauge.
Linear dimension gauge.
Machinist's gauge.
Micrometer height gauge.
Optical gauge.
Planer gauge.
Plow and cultivator gauge.
Plug gauge.
Pressure gauge.
Ring gauge.
Saw filing gauge.
Screw-thread gauge.
Self-adapting and adjusting depth gauge.
Snap gauge.
Spot gauge.
Spot-weld edge gauge.
Strain gauge.
Surface layout gauge.
Tandem self-aligning gauge.
Taper gauge.
Taper hole gauge.
Thread diameter gauge.
Torque gauge.
Wheel alignment gauge.
Gauge. J. J. Dunn. 2,400,293; May 14.
Gauge. E. C. Horton. 2,401,566; June 4.
Gauge. R. J. A. Ingouf and J. H. Lewis. 2,409,864; Oct. 22.
Gauge. R. E. Lee. 2,397,020; Mar. 19.
Gauge. E. W. Lersch. 2,397,795; Apr. 2.
Gauge. W. F. Moore. 2,396,383; Mar. 12.
Gauge. F. A. Peters. 2,400,840; May 21.
Gauge. A. Rappl. 2,411,292; Nov. 19.
Gauge. W. D. Schmidt. 2,404,750; July 23.
Gauge. E. H. Schmitt. 2,404,751; July 23.
Gauge. C. S. Warner. 2,402,715; June 25.
Gauge. G. D. Webber. 2,409,817; Oct. 22.
Gauge. S. Y. White. 2,399,703; May 7.
Gauge finishing. L. Scusa. 2,411,814; Nov. 26.
Gauge for dental treatment, Jaw. K. Horvat. 2,403,366; July 2.
Gauge for fuel tanks, Measuring. A. L. Richolson. 2,410,525; Nov. 5.
Gauge for spherical containers. J. A. Weaver. 2,405,247; Aug. 6.
Gauging and sampling device. H. O. Parsons. 2,404,087; July 16.
Gauging device. W. F. Aller. 2,403,896; July 16.
Gauging device. W. F. Aller and L. J. Mahlmeister. 2,403,898; July 16.
Gauging device, Leakage. W. F. Aller. 2,403,897; July 16.
Gauge for airfoils. H. L. Milner. 2,402,567; June 25.
Gauge for back to crown dimensions, Bevel gear. R. Zimmermann. 2,398,171; Apr. 9.
Gauge for grinding tool bits. L. H. Howe. 2,397,738; Apr. 2.
Gauge for internal screw thread cutter, Resetting. C. H. Sapper. 2,393,195; Jan. 15.
Gauge for steep faced threads. R. T. Fenn. 2,393,094; Jan. 15.
Gauge lapping machine. A. M. Drake. 2,409,113; Oct. 8.
Gauge sorting machine, Roller. L. Kerian. 2,411,274; Nov. 19.
Gauges, Making electrical strain. B. J. Campbell and M. Hilton. 2,401,049; May 28.
Gauges, Pneumatic comparator. C. B. Moore. 2,410,671; Nov. 5.
Gauging and assorting apparatus. L. B. Horton and F. C. Speed. 2,409,682; Oct. 22.
Gauging and controlling mechanism. J. R. Guenther. 2,399,113; Apr. 23.
Gauging and like apparatus, Distance. C. A. Donaldson. 2,408,415; Oct. 1.
Gauging apparatus. L. E. Wattebot. 2,392,016; Jan. 1.
Gauging apparatus for the measurement of vacua. J. C. Morpeth. 2,393,552; Jan. 22.
Gauging apparatus for use with frusto-conical or like article. A. H. F. Bowness. 2,402,015; June 11.
Gauging device. W. F. Aller. 2,392,301; Jan. 8.
Gauging device. W. F. Aller. 2,412,380; Dec. 10.
Gauging device. E. F. Martinec. 2,392,856; Jan. 15.
Gauging device. E. F. Martinec. 2,397,971; Apr. 9.
Gauging device. E. F. Martinec. 2,410,093–4; Oct. 29.
Gauging device. R. Y. Moss. 2,412,413; Dec. 10.
Gauging device. L. F. Polk and W. F. Aller. 2,412,421; Dec. 10.
Gauging device for setting tools. C. V. Whale. 2,398,066; Apr. 9.
Gauging means for lawn mowers. F. D. Wulff. 2,409,921; Oct. 22.
Gauze weaving loom. M. Banyai. 2,401,452; June 4.
Gear: *See*—
Aircraft landing gear.
Airplane landing gear.
Arresting gear.
Amphibian aircraft landing gear.
Automatic unidirectional gear.
Automatically retractible landing gear.
Beaching gear.
Bomb displacing gear.
Brake for power reverse gear.
Draft gear.
Finishing gauge.
Landing gear.
Propeller drive gear.
Protective switch gear.
Retractable landing gear.
Running gear.
Valve gear.
Vehicle running gear.
Vernier height gauge.

Gear. F. H. Boor. 2,403,492; July 9.
Gear and making it. R. J. Goldie and C. L. Wilber. 2,393,628; Jan. 29.
Gearbox for bottle cleaning machine. G. J. Meyer. 2,393,394; Jan. 22.
Gear cutters, Method and machine for relieving. M. H. Johanson and E. Wildhaber. 2,410,348; Oct. 29.
Gear cutting. J. F. Waterfield. 2,405,837; Aug. 6.
Gear divider with pressure loaded bushings. J. A. Lauck. 2,412,588; Dec. 17.
Gear drive mechanism. F. G. Buhrendorf. 2,397,126; Mar. 26.
Gear drive, Reduction. F. P. Lawler. 2,401,875; June 11.
Gear drive, Unidirectional. C. W. Hewlett, Jr. 2,399,925; May 7.
Gear finishing. D. D. Austin. 2,392,803; Jan. 15.
Gear finishing. M. B. Mentley. 2,411,973; Dec. 3.
Gear finishing machine. R. S. Drummond. 2,394,757; Feb. 12.
Gear finishing tool of forged annular construction. W. F. Ross. 2,392,002; Jan. 1.
Gear for aircraft, Landing. B. D. Branner. 2,410,625; Nov. 5.
Gear for airplanes, Retractable landing. R. W. Palmer and J. M. Hudson. 2,391,998; Jan. 1.
Gear for engines and other machines, Governing. F. J. Tippen. 2,407,042; Sept. 3.
Gear for vehicles, Steering. P. E. Hawkins. 2,411,570; Nov. 26.
Gear for vehicles, Steering and driving. G. A. Tomik. 2,394,119; Feb. 5.
Gear grinding machine. C. T. Galloway. 2,395,544; Feb. 26.
Gear of the positive displacement type, Hydraulic. J. H. Doran. 2,399,008; Apr. 23.
Gear pump. J. C. Hanna. 2,403,796; July 9.
Gear structure, Cam. F. E. Valentine. 2,405,473; Aug. 6.
Gear teeth, Heat-treating of. F. S. Denneen and W. C. Dunn. 2,398,085; Apr. 9.
Gear teeth, Method of and apparatus for forming. A. Mackmann. 2,410,544; Nov. 5.
Gear testing work holder. L. D. Martin. 2,403,008; July 2.
Gear transmission, Multispeed. J. J. Campodonico. 2,396,456; Mar. 12.
Gear wheel pump. A. G. F. Wallgren. 2,407,753; Sept. 17.
Gear with dirigible landing wheel, Landing. P. E. Mercier. 2,401,364; June 4.
Gear timing method. H. W. Semar. 2,404,865; July 30.
Gearing. H. D. Colman. 2,397,777; Apr. 2.
Gearing. E. Wildhaber. 2,392,441; Jan. 8.
Gearing, Antifriction. L. L. Mallard. 2,408,666; Oct. 1.
Gearing, Differential. T. F. Schlicksupp. 2,397,374; Mar. 26.
Gearing, Engine starter. J. E. Buxton. 2,407,132; Sept. 3.
Gearing, Engine starter. D. L. Miller. 2,397,033; Mar. 19.
Gearing, Resilient drive. H. C. Edwards. 2,407,144; Sept. 3.
Gearing, Self-locking. F. Biehl and E. O. Thompson. 2,406,365; Oct. 1.
Gearing, Vehicle drive axle. M. B. Morgan. 2,407,675; Sept. 17.
Gears, Adjustable mounting for ring. W. C. Johnson. 2,399,122; Apr. 23.
Gears and the like, Cushioning draft. L. B. Jones. 2,404,637; July 23.
Gears, Assembling main reduction. F. E. Freeman. 2,393,098; Jan. 15.
Gel, Non-aqueous. H. C. Meyer, Jr. 2,409,950; Oct. 22.
Gel, Treating silica. A. S. Behrman. 2,400,907; May 28.
Gels, Activation of inorganic. F. L. Litty, Jr. 2,395,632; Feb. 26.
Gels, Preparation of synthetic. G. C. Connolly. 2,405,408; Aug. 6.
Gelatin products, Making finely divided. M. Strenitz. 2,392,297; Jan. 1.
Gelatin, Refining. S. E. Sheppard and R. C. Houck. 2,400,375; May 14.
Generating apparatus and process, Heat. E. J. Lamport. 2,403,446; July 9.
Generating apparatus, Electrical. H. J. De N. McCollum. 2,391,994; Jan. 1.
Generating cell, Ozone. R. J. Schaefer. 2,408,241; July 2.
Generating curves, Method and apparatus for. R. W. Wood. 2,409,603; Oct. 15.
Generating device, Curved surface. A. R. Mudica. 2,402,070; June 11.
Generating device, Precision cylindrical surface. A. J. Holman. 2,398,790; Apr. 23.
Generating fixture, Form tool chip breaker. W. F. Ross. 2,405,609; Aug. 13.
Generating impulses, Method and apparatus for. H. H. Brauer and R. W. Knebel. 2,411,648; Nov. 26.
Generating multiline sweep patterns. H. Lifschutz 2,402,168; June 18.
Generating or receiving apparatus, Acoustic wave. H. C. Hayes. 2,411,541; Nov. 26.
Generating system and its use in signal transmission systems, Pulse. T. A. McCann. 2,403,009; July 2.
Generating system, Frequency. M. J. Larsen, C. S. Schjonberg, and J. A. Qawald. 2,410,883; Nov. 12.
Generating system, Oscillation. L. A. Kilgore and H. E. Criner. 2,404,965; July 30.
Generator: *See*—
Acetylene generator.
Aircraft landing gear.
Buffer and draft gear.
Constant width synchronized pulse generator.
Electric generator.
Electric impulse generator.
Electron discharge device generator.
Fog generator.
Group impulsed high-frequency generator.
Hand generator.
Harmonic generator.
Hemispherical generator.
High-frequency power generator.
High frequency pulse generator.
High-frequency signal generator.
High voltage electrostatic generator.
Impulse generator.
Linear generator.
Linear time base sweep generator.
Mobile steam generator.
Oscillation generator.
Permanent magnet field generator.
Pilot wave generator.
Pulse generator.
Reciprocating pressure generator.
Saw-tooth voltage generator.
Saw-tooth wave generator.
Signal generator.
Smoke screen generator.
Stable pulse generator.
Steam generator.
Sweep or pulse generator.
Synchronizing signal generator.
Thermoelectric generator.
Television signal generator.
Thermoelectric generator.
Turbine-generator.
Ultra high frequency generator.
Vapor generator.
Velocity modulation impulse generator.
Wave generator.
Wave impulse generator.
Generator. R. A. Baudry and E. I. Pollard. 2,393,956; Feb. 5.
Generator. W. S. Hutchinson and E. R. Woodward. 2,407,882; Sept. 17.
Generator. L. H. Middleton. 2,397,614; Apr. 2.
Generator and circuit, Thermoelectric. P. L. Betz. 2,400,384; May 14.
Generator and motor. C. H. Jones. 2,399,352; Apr. 30.
Generator and power plant therefor. A. W. Kimball. 2,394,075; Feb. 5.
Generator construction. A. J. Berneski. 2,409,184; Oct. 15.
Generator drive, Axle. A. O. Williams. 2,404,115; July 16.
Generator for secret telecommunication systems, Square coding wave. K. R. Wendt and A. V. Bedford. 2,406,978; Sept. 3.
Generator of electrical, Oscillations. E. M. S. McWhirter and R. H. Dunn. 2,393,331; Jan. 22.
Generator or amplifier, High frequency oscillation. E. U. Condon. 2,399,325; Apr. 30.
Generator regulation, System of. W. J. Rady. 2,401,795; June 11.
Generator regulator. J. E. Diehl. 2,392,127; Jan. 1.
Generator type burner. J. L. Breese. 2,410,478; Nov. 5.
Generator type heater. J. L. Breese. 2,396,818; Mar. 19.
Generators, Method of and means for synchronizing wave. A. V. Bedford. 2,401,405; June 4.
Geochemical prospecting. L. Horvitz. 2,400,420; May 14.
Geochemical prospecting. E. E. Roper. 2,395,014; Feb. 19.
Geometrical instrument. W. P. Mason. 2,405,227; Aug. 6.
Germicidal preparations. E. C. Ladd. 2,396,468; Mar. 12.
Germicidal solution and making same, Metallic. A. J. Salle and H. L. Guest. 2,399,829; May 7.
Getter. P. L. Spencer. 2,412,302; Dec. 10.
Girdle. M. R. Schubert. 2,397,211; Mar. 26.
Girdle or foundation, Garment. C. Bullinger. 2,393,612; Jan. 29.
Girdle, Pantie. E. C. Clark. Re. 22,738; Apr. 2.
Glass and lamp made therefrom, Fluorescent. J. G. Hooley. 2,393,469; Jan. 22.
Glass and making, Opalescent. W. Weyl and N. J. Kreidl. 2,394,502; Feb. 5.
Grass and weed cutter. N. E. Brooke. 2,400,284; May 14.
Glass article and method, Fabricated. J. C. Smith. 2,392,104; Jan. 1.
Glass articles, Method and apparatus for molding. H. K. Richardson, F. A. Newcombe, and A. H. Laidig. 2,393,265; Jan. 22.
Glass bending. M. L. Devol. 2,395,727; Feb. 26.
Glass building construction. J. C. Huber, Jr. 2,403,369; July 2.
Glass bulb and flask holder. H. L. Van Velzer. 2,407,331; Sept. 10.
Glass closure unit, Laminated. D. T. Downes. 2,392,129; Jan. 1.
Glass composition. K. C. Lyon. 2,408,468; Oct. 1.
Glass composition, Fluorescent. J. G. Hooley. 2,400,147; May 14.
Glass, Crimped fibrous. S. M. Dockerty. 2,395,371; Feb. 19.
Glass cutter. R. C. Barrett. 2,394,138; Feb. 5.
Glass, Drinking. B. D. Gilbert. 2,395,267; Feb. 19.

Glass enamel composition. C. J. Harbert, F. C. Ellinger, and W. C. Morris. 2,397,004; Mar. 19.
Glass enamel composition. C. J. Harbert and W. C. Morris. 2,397,005; Mar. 19.
Glass fibers, Treatment of. K. J. Miller. 2,403,872; July 9.
Glass, Forming structural. F. W. Preston. 2,399,825; May 7.
Glass forming machines, Driving means for. C. Eisler. 2,409,423; Oct. 15.
Glass fragmentation control. J. F. Holtje. 2,397,141; Mar. 26.
Glass furnace. A. Hanson. 2,399,116; Apr. 23.
Glass hardening. G. W. Jackson. 2,409,284; Oct. 15.
Glass having low power factor. H. P. Hood. 2,410,286; Oct. 29.
Glass having low power factor, Barium. W. H. Armistead, Jr. 2,393,449; Jan. 22.
Glass having low power factor, Barium-lead. W. H. Armistead, Jr. 2,393,450; Jan. 22.
Glass having low power factor, Lead. W. H. Armistead, Jr. 2,393,448; Jan. 22.
Glass, Heat absorbing. G. C. Mook and R. W. Ricker. 2,397,195; Mar. 26.
Glass, Installation for laminated. D. T. Downes. 2,408,060; July 2.
Glass, Laminated. J. R. Roland. 2,400,139; May 14.
Glass machinery, Apparatus for and method of spraying. W. T. Honiss. 2,412,268; Dec. 10.
Glassmaking furnace. E. Gentil. 2,397,852; Apr. 2.
Glassmaking machinery. G. A. Breene and L. D. Garratt. 2,410,422; Nov. 5.
Glass manufacture. S. J. Everett. 2,393,979; Feb. 5.
Glass manufacture. S. J. Everett. 2,396,254; Mar. 12.
Glass, Manufacture of optical. A. J. Deyrup. 2,411,031; Nov. 12.
Glass, Manufacture of tempered. T. G. Welhs. 2,401,442; June 4.
Glass obtained by electric melting, Eliminating the coloration of. B. Long. 2,396,585; Mar. 12.
Glass, Pocket reading. G. V. de Lery. 2,410,272; Oct. 29.
Glass press. H. H. Snyder and E. H. Bennett. 2,398,676; Apr. 16.
Glass prisms, Forming. J. P. Crowley. 2,409,108; Oct. 8.
Glass, Producing bent laminated safety. J. D. Ryan and G. B. Zolman. 2,392,770; Jan. 8.
Glass, Producing fibrous. A. L. Simison and E. Fletcher. 2,407,456; Sept. 10.
Glass products, such as fibers and rods, Method and apparatus for making. J. A. Hoffman. 2,405,036; July 30.
Glass rack construction. S. R. Edins. 2,413,039; Dec. 24.
Glass run channel. W. S. Cameron. 2,399,204; Apr. 30.
Glass, Sanitary drinking. G. C. Croom. 2,399,912; May 7.
Glass sealed contact units, Manufacture of. C. E. Pollard, Jr. 2,392,099; Jan. 1.
Glass solution inhibiting. H. Kranich. 2,402,557; June 25.
Glass supporting skeleton mold. G. Z. Minton. 2,408,526; Oct. 1.
Glass surfaces, Treatment of. F. W. Adams. 2,401,537; June 4.
Glass structure, Laminated. F. A. Rodman. 2,408,483; Oct. 1.
Glass to metal, Sealing of. R. L. Taylor. 2,399,770; May 7.
Glass, Treating fibrous. P. Ebaugh. 2,407,483; Sept. 10.
Glass, Ultraviolet absorbing. W. H. Armistead, Jr. 2,409,412; Oct. 15.
Glasses, Eyeshield for. S. Kaesz. 2,403,223; July 2.
Glasses, Optical. R. E. Bastick, W. M. Hampton, and T. H. Wang. 2,406,580; Aug. 27.
Glassware, Method of and apparatus for forming. W. K Berthold. 2,402,234; June 18.
Glassworking apparatus. D. E. Gray. 2,398,525; Apr. 16.
Glassworking apparatus. J. W. Juvinall and G. Stuhlfauth. 2,405,504; Aug. 6.
Glassworking, Method and apparatus for electric. E. M. Guyer and M. R. Shaw, Jr. 2,394,051; Feb. 5.
Glazing unit. C. E. Sowle. 2,409,808; Oct. 22.
Glazing unit, Laminated glass. J. H. Boicey. 2,406,939; Sept. 3.
Glide attachment for bomb sights. F. W. Morgenthaler and J. S. Garwood. 2,410,097; Oct. 29.
Glider. D. S. Fahrney. 2,399,215; Apr. 30.
Glider. H. C. Grawunder. 2,407,777; Sept. 17.
Glider. L. J. Marhoefer. 2,407,563; Sept. 10.
Glider, Airplane carrier. D. S. Fahrney. 2,399,217; Apr. 30.
Glider launching, Towed. C. M. Bolster. 2,399,196; Apr. 30.
Glider location indicator. D. E. Windle. 2,396,453; Mar. 12.
Globe. A. F. Fukal. 2,405,418; Aug. 6.
Globe and scale, World. R. A. Kiehl. 2,408,651; Oct. 1.
Globe, Star. E. A. Link. 2,399,365; Apr. 30.
Glove. F. Tatar. 2,401,200; May 28.
Glove and like article, Rubber. W. W. De Laney and C. J. Crowley. 2,393,298; Jan. 22.
Glove, Dairyman's. R. C. Logan. 2,405,154; Aug. 6.
Glove, Gauntlet. H. E. Boyce. 2,406,991; Sept. 3.
Glove, Welding. R. Bakke. 2,394,136; Feb. 5.
Gloves, Molding. C. F. Ruebensaal. 2,405,329; Aug. 6.
Glow discharge lamp. A. L. Peacock. 2,413,650; Dec. 31.
Glow lamp. W. E. Carpenter. 2,402,019; June 11.
Glow lamp, Miniature fluorescent and/or. C. Morehead. 2,392,333; Jan. 8.
Glue. J. Brody. 2,394,682; Feb. 12.
Glue and manufacture therefor. C. N. Cone. 2,400,541; May 21.
Glue, Applying. H. M. Grimshaw. 2,406,287; Aug. 20.
Glue from bones, Producing. C. Mueller. 2,397,973; Apr. 9.
Glue, Manufacture of. F. L. De Beukelaer. 2,397,650; Apr. 2.
Glues and adhesives from keratin protein materials, Producing. G. H. Brother and C. H. Binkley. 2,399,161; Apr. 30.
Gluing device. C. E. Gist. 2,397,853; Apr. 2.
Gluing machine, Continuous. S. H. Hall. 2,408,064; Sept. 24.
Gluing machine, Veneer edge. O. S. Bolling. 2,398,353; Apr. 16.
Gluing stand. R. R. Roloson. 2,396,885; Mar. 19.
Glyceride, Treating fatty. W. R. Trent. Re. 22,751; Apr. 30.
Glycerides, Preparation of synthetic. H. C. Black and C. A. Overley. 2,408,905; Oct. 8.
Glycerin from sugar by yeast fermentation, Production of. C. A. Neuberg and I. S. Roberts. 2,410,518; Nov. 5.
Glycerol from fermented liquors, Recovering. J. S. Wallerstein, E. Farber, and V. Dayton. 2,400,859; May 21.
Glycol glucosides and derivatives thereof. W. C. Griffin. 2,407,002; Sept. 3.
Glycols, Derivatives of. R. P. Parker and J. J. Denton. 2,394,257; Feb. 5.
Glycols, Production of. F. J. Metzger. 2,409,441; Oct. 15.
Gob forming mechanism. E. J. Sullivan. 2,402,462; June 18.
Goggle. A. J. Desimone and J. Mazza. 2,399,991; May 7.
Goggle. C. F. Hutchings. 2,409,356; Oct. 15.
Goggles. S. E. Bouchard. 2,412,076; Dec. 3.
Goggles. C. E. Morley and H. S. Davis. 2,411,933; Dec. 3.
Goggles, Water. O. W. Heinz. 2,393,533; Jan. 22.
Golf bag carrier. A. M. Schiliwa and F. E. Anderson. 2,405,674; Aug. 13.
Golf bag carrier. A Strain. 2,399,518; Apr. 30.
Golf club and manufacturing the same. J. W. Baymiller and R. W. Vose. 2,395,837; Mar. 5.
Golf club head protector. I. E. Schloss. 2,396,021; Mar. 5.
Golf practice device. S. G. Clarke. 2,402,274; June 18.
Goose and duck call, Wild. J. S. Yager. 2,396,359; Mar. 12.
Governing mechanism, Speed. A. G. Silvester. 2,411,065; Nov. 12.
Governor. H. C. Edwards. 2,401,558; June 4.
Governor. F. Hymans. 2,402,285; June 18.
Governor. E. Olson and M. J. Kittler. 2,393,556; Jan. 22.
Governor. S. M. Udale. 2,399,080; Apr. 23.
Governor. S. M. Udale. 2,407,115; Sept. 3.
Governor. D. L. Zeigler. 2,410,474; Nov. 5.
Governor, Centrifugal. H. R. Ricardo. 2,392,265; Jan. 1.
Governor control mechanism. E. Martin and E. D. Eaton. 2,397,876; Apr. 2.
Governor, Electromagnetic centrifugal. W. P. Lear. 2,401,256; May 28.
Governor, Engine. M. Mallory. 2,409,053; Oct. 8.
Governor, Fluid. J. G. Ramsey. 2,392,262; Jan. 1.
Governor for tools, Centrifugal. W. G. Mitchell. 2,402,972; July 2.
Governor for wind driven propellers. J. R. and G. H. Albers. Re. 22,726; Feb. 26.
Governor, Fuel pump. R. J. Ifield. 2,407,013; Sept. 3.
Governor, Hydraulic speed control. B. G. Carlson. 2,404,900; July 30.
Governor, Speed. R. C. Darnell. 2,408,161; Sept. 24.
Governor, Speed. T. M. Ruby. 2,409,070; Oct. 8.
Governor systems, Acceleration-responsive. C. R. Hanna and S. J. Mikina. 2,407,982; Sept. 24.
Governor valve. T. B. Martin and J. F. Haines. 2,407,791; Sept. 17.
Grab irons, Forming. W. F. Cremean. 2,395,612; Feb. 26.
Grader, Adjustable push. O. R. Peterson and L. L. Hyler. 2,408,268; Sept. 24.
Grading machine. H. F. McDonell. 2,399,280; Apr. 30.
Grading machine. McS. Lupton. 2,406,842; Sept. 3.
Grain, Accelerated moisture conditioning and milling of. E. J. Sullivan. 2,413,472; Dec. 31.
Grain carrier. O. J. Aaberg. 2,405,727; Aug. 13.
Grain cleaner. W. E. Dempsey. 2,407,653; Sept. 17.
Grain drill. T. J. Erdman. 2,400,745; May 21.
Grain drill. W. A. Hyland. 2,391,975; Jan. 1.
Grain elevator, Portable. J. A. Churchman. 2,410,012; Oct. 29.
Granular materials, Handling. M. O. Giessner. 2,409,270; Oct. 15.
Grapefruit cutter. W. C. La Berge. 2,402,558; June 25.
Grapple. W. I. Geiger. 2,399,433; Apr. 30.

Grapple for handling crossties and the like. A. M. Deiters. 2,403,346; July 2.
Grass cutter. C. F. Proudman and H. H. Goossen. 2,398,397; Apr. 16.
Grate. C. V. Carroll. 2,403,787; July 9.
Grate. E. W. Bullock. 2,410,266; Oct. 29.
Grate. D. J. Mosshart. 2,400,707; May 21.
Grate and grate bars. A. Balmfirth. 2,399,618; May 7.
Grate bearer bar. J. R. Graves. 2,403,857; July 9.
Grate for burning solid fuel. R. C. Wright. 2,411,918; Dec. 3.
Grate, Refuse burning. F. M. Poor. 2,412,694; Dec. 17.
Grater, Plastic. A. A. Nu Dell. 2,413,151; Dec. 24.
Grater, Safety. I. Rosenbloom. 2,405,056; July 30.
Grating, Sectional. H. Nagin. 2,394,713; Feb. 12.
Grating, Structural. E. C. Elliott. 2,404,570; July 23.
Gravity-feed arc-welding apparatus. J. M. Tyrner 2,412,660; Dec. 17.
Gravity furnace. F. R. Higley and P. W. McCoy. 2,400,352; May 14.
Grease, Base coat for launching. T. F. Ott. 2,397,805; Apr. 2.
Grease container. R. L. Brewton. 2,393,217; Jan. 15.
Grease dispenser. F. Wilkes. 2,405,481; Aug. 6.
Grease dispensing pump. W. D. Lynch. 2,392,603; Jan. 8.
Grease, Lubricating. J. M. Schantz. 2,399,063; Apr. 23.
Grease manufacture. L. C. Brunstrum and H. J. Liehe. 2,398,075; Apr. 9.
Grease, Process and apparatus for reclaiming. W. R. Mobley. 2,405,705; Aug. 13.
Grease pump. A. L. Grisé. 2,413,044; Dec. 24.
Greases. H. J. Liehe. 2,394,790; Feb. 12.
Greases. R. A. Swenson. 2,413,121–2; Dec. 24.
Greases, High-temperature. J. D. Morgan. 2,393,797; Jan. 29.
Greases, Lithium. E. B. Lien. 2,403,104; July 2.
Greases, Lithium soap. L. C. Brunstrum and H. J. Liehe. 2,398,173; Apr. 9.
Greases, Manufacturing lithium base. A. R. Bax, H. F. Kielhorn, and W. E. Forney. 2,406,655; Aug. 27.
Green house structure. J. Negrijn. 2,393,055; Jan. 15.
Grenade. F. Short. 2,413,004; Dec. 24.
Grenade and fuse therefor, Hand. E. M. Shinkle. 2,408,486; Oct. 1.
Grenade fuse. F. Short. 2,412,636; Dec. 17.
Grenade, Hand. T. Miller. 2,393,861; Jan. 29.
Grenade, Hand. E. L. Samann. 2,397,509–10; Apr. 2.
Grid, Bulletproof. V. R. Abrams and W. W. Kennedy. 2,392,215; Jan. 1.
Grid making machine. D. F. Drieschman, G. Shepherd, M. Rabinawitz, A. M. Newhall, Jr., and H. E. Sorg. 2,411,988; Dec. 3.
Grid member. B. Labaree. 2,411,628; Nov. 26.
Grid structure for vacuum tubes and the like. F. J. Bingley. 2,397,233; Mar. 26.
Grill, Bottle carrier. W. M. Bassichis. 2,404,685; July 23.
Grille. R. L. Leigh. 2,396,735; Mar. 19.
Grinder, W. G. Wilson. 2,403,775; July 9.
Grinder, Blade. F. E. Broberg. 2,409,416; Oct. 15.
Grinder, Drill. W. E. Raney. 2,411,591; Nov. 26.
Grinder and polisher, Internal. H. H. Talboys. 2,405,467; Aug. 6.
Grinder attachment for machine tools, Drill. W. A. Roseberry. 2,400,783; May 21.
Grinder attachment, Meat. E. W. and R. Rogers. 2,406,105; Aug. 20.
Grinder, Cylinder ridge. E. S. Hanson, Jr. 2,403,363; July 2.
Grinder, Drill. H. E. Fendring. 2,401,471; June 4.
Grinder for tools and the like, Precision. E. C. Shugars. 2,392,780; Jan. 8.
Grinder, Hob. H. Peiphrey. 2,408,949; Oct. 8.
Grinder, Internal. W. Johnson. 2,405,748; Aug. 13.
Grinder, Portable. F. P. Spetz. 2,401,670; June 4.
Grinder, Portable surface. F. M. Bohler. 2,409,340; Oct. 15.
Grinder, Rotary. J. H. Engeln. 2,397,849; Apr. 2.
Grinder, Surface. B. Tocci-Guilbert. 2,395,519; Feb. 26.
Grinder, Swing frame. C. E. Hite. 2,398,308; Apr. 9.
Grinder, Universal bench. A. B. Blomquist. 2,409,415; Oct. 15.
Grinder, Valve. G. P. Mizell. 2,400,160; May 14.
Grinder, Valve seat. A. I. Dunn. 2,400,983; May 28.
Grinding. C. Gumper. 2,396,505; Mar. 12.
Grinding. A. B. Rumsey. 2,398,483; Apr. 16.
Grinding. S. E. A. Thomte. 2,412,435; Dec. 10.
Grinding and polishing machine, Lens. J. C. Andersen. 2,402,865; June 25.
Grinding and polishing surfaces, Method and apparatus for. B. E. Luboshez. 2,407,206; Sept. 3.
Grinding and polishing tool. A. Kratky. 2,409,363; Oct. 15.
Grinding apparatus. C. J. Armbrust. 2,397,459; Apr. 2.
Grinding apparatus. S. A. Oakley. 2,411,052; Nov. 12.
Grinding attachment. C. Melidoni and H. Gass. 2,400,767; May 21.
Grinding attachment, Drill. R. G. Zenick. 2,411,609; Nov. 26.
Grinding implement for articles of hard material. R. H. Hood. 2,397,006; Mar. 19.
Grinding machine. M. H. Arms and L. J. Barnard. 2,410,038; Oct. 29.
Grinding machine. M. B. Boyce. 2,407,222; Sept. 10.
Grinding machine. C. A. Carlson. 2,403,341; July 2.
Grinding machine. O. W. Dawson. 2,413,436; Dec. 31.
Grinding machine. M. De Young. 2,396,575; Mar. 19.
Grinding machine. S. W. Hodgdon. 2,397,860; Apr. 2.
Grinding machine. P. H. Hutchinson. 2,402,225; June 18.
Grinding machine. H. F. Kilbride. 2,401,874; June 11.
Grinding machine. O. T. Pieper. 2,413,334; Dec. 31.
Grinding machine. A. Scrivener. 2,402,454; June 18.
Grinding machine. S. E. Woodbury. 2,403,160; July 2.
Grinding machine, Centerless. J. Decker and G. W. Binns. 2,397,131; Mar. 26.
Grinding machine, Crankshaft. A. G. Bolden, C. G. Flygare, and O. E. Hill. 2,404,613; July 23.
Grinding machine for shaping work pieces. J. L. Torgerson. 2,410,955; Nov. 12.
Grinding machine, Gear. W. Graf. 2,404,573; July 23.
Grinding machine, Gear. I. J. Gruenberg and S. G. Brady. 2,392,819; Jan. 15.
Grinding machine, Ring. R. Stenwall. 2,397,298; Mar. 26.
Grinding machine steadyrest. H. A. Silven. 2,399,608; Apr. 30.
Grinding machine-table indexing mechanism. C. J. Green. 2,393,040; Jan. 15.
Grinding machine, Tool. J. A. Cameron. 2,406,134; Aug. 20.
Grinding machine, Tool. J. W. Rouse and W. D. Moore. 2,402,089; June 11.
Grinding machine, Tool bit. A. P. Pollard. 2,394,202; Feb. 5.
Grinding machine, Wood. F. W. Roberts. 2,406,904; Sept. 3.
Grinding machine work head. C. G. Flygare. 2,396,841; Mar. 19.
Grinding mill. L. M. Barker and E. G. Lewis. 2,405,633; Aug. 13.
Grinding mill. F. T. Farfan. 2,394,048; Feb. 5.
Grinding mill. J. R. Hall. 2,394,053; Feb. 5.
Grinding mill. J. R. Hall. 2,405,692; Aug. 13.
Grinding of rollers. A. R. Spicacci. 2,409,320; Oct. 15.
Grinding wheel dressing attachment. H. C. Stoll. 2,394,948; Feb. 12.
Grinding wheel truing apparatus. H. A. Silven. 2,393,937; Jan. 29.
Grip and closure for cartons, Hand. R. V. Thompson. 2,407,111; Sept. 3.
Grip for hoists. O. H. Gallamore. 2,410,378; Oct. 29.
Grip for insulators, Conductor. H. S. Sines. 2,396,895; Mar. 19.
Grip lifter. G. E. Moore and C. E. Miller. 2,413,366; Dec. 31.
Grip, Self-energizing. L. C. Kantner, Jr. 2,400,514; May 21.
Grip, Trouser waist. A. D. Grisanti. 2,413,180; Dec. 24.
Gripper, Automatic. C. Crowley. 2,405,018; July 30.
Gripper, Sheet. C. R. Kaddeland. 2,392,392; Jan. 8.
Gripper mechanism. J. R. Wood. 2,411,123; Nov. 12.
Gripping device. E. B. Cooper and M. L. Macht. 2,401,050; May 28.
Grommet and washer assemblage. S. L. Cookin. 2,394,984; Feb. 5.
Grommet assembly, Conductor. R. T. Relf. 2,406,852; Sept. 3.
Grommet crimping tool. J. W. Wiesmann. 2,399,776; May 7.
Groove-finishing apparatus. T. Marren. 2,398,022; Apr. 9.
Groove-forming attachment for machine tools. J. Messana, Jr. 2,409,299; Oct. 15.
Grooving tool. J. E. Anderson, J. H. Ballard, and H. E. Potter. 2,399,309; Apr. 30.
Ground speed meter. S. Doba, Jr. 2,406,358; Aug. 27.
Groundwood, Bleaching. R. C. Shearer. 2,413,583; Dec. 31.
Group impulsed high-frequency generator. H. M. Strobel. 2,395,647; Feb. 26.
Grout into subsoil, Method of and apparatus for. G. L. Dresser. 2,403,643; July 9.
Grouting. A. E. Troiel. 2,411,011; Nov. 12.
Guanamines, Aliphatic substituted. J. T. Thurston. 2,394,526; Feb. 5.
Guanamines, Preparation of. P. Adams. 2,397,396; Mar. 26.
Guard and making same, Brush. R. V. Heilman. 2,396,652; Mar. 19.
Guard and reflector, Pants. Z. A. Bruegger. 2,396,080; Mar. 5.
Guard and shoe embodying the same, Instep. W. A. Purinton. 2,393,810; Jan. 29.
Guard and tow unit for motor vehicles, Combination radiator. E. C. Ketcham. 2,399,810; May 7.
Guard, Belt. C. F. Foley. 2,397,541; Apr. 2.
Guard, Brake block. C. Hollerith. 2,410,029; Oct. 29.
Guard, Bridge. C. G. Gottholm. 2,392,529; Jan. 8.
Guard, Cattle gutter. A. Hardrath, Sr., and A. Hardrath, Jr. 2,403,525; July 9.
Guard edge, Conveyer belt. H. Ambruson. 2,397,584; Apr. 2.
Guard, Fingertip. G. M. Campbell. 2,396,154; Mar. 5.

Guard for angle cocks for train lines. M. D. King. 2,411,735; Nov. 26.
Guard for closed end reflectors, Safety fluorescent lamp. C. E. Foster. 2,399,339; Apr. 30.
Guard for fluorescent lamps, Retaining. K. A. Sawin. 2,403,240; July 2.
Guard for gang planks, Rodent. C. H. Matson. 2,395,635; Feb. 26.
Guard for vehicles, especially trucks, Splash. A. R. Lindsay. 2,405,262; Aug. 6.
Guard, Insulating. B. R. Hermann. 2,409,042; Oct. 8.
Guard, Journal box and dust. W. H. Sale. 2,397,753; Apr. 2.
Guard, Manhole. W. W. Stevenson. 2,393,126; Jan. 15.
Guard mechanism. V. R. Tinsler and H. L. Brock. 2,413,266; Dec. 24.
Guard or protector for electric cables. B. A. Diebold. 2,408,253; Sept. 24.
Guard, Portable lamp. R. Popp. 2,413,417; Dec. 31.
Guard, Railway gate or stock. V. Ward. 2,401,804; June 11.
Guard, Safety. A. E. Vosburg. 2,404,675; July 23.
Guard, Shuttle. G. A. and A. Gill. 2,396,780; Mar. 19.
Guard, Tire inflation. N. and B. Winarsky. 2,407,049; Sept. 3.
Guard, Traction weight and fence. J. Verner. 2,397,064; Mar. 19.
Guayule, Treatment of. A. J. Gracia. 2,410,780; Nov. 5.
Guayule, Treatment of. A. J. Gracia and H. V. Powers. 2,410,781; Nov. 5.
Guide for fishing rods, Line. A. D. Sarkisian. 2,398,862; Apr. 23.
Guide for knitting machines, Sinker. W. Larkin. 2,403,864; July 9.
Guide for needles, Retaining guard. H. Turkel. 2,402,306; June 18.
Guide for public safety of vehicles and pedestrians. J. J. Saia. 2,400,655; May 21.
Guide for sewing machines, Cloth. J. A. Morabito. 2,411,102; Nov. 12.
Guide for toilet flush valves, Replacement. R. H. Broadman. 2,393,139; Jan. 15.
Guide, Grinding tool. T. L. Taylor. 2,404,604; July 23.
Guide, Lettering. L. R. Price. 2,392,615; Jan. 8.
Guide, Mason's. G. Stevens. 2,407,389; Sept. 10.
Guide means, Float rod. J. D. Staggs. 2,397,383; Mar. 26.
Guide mechanism. H. J. McDermott. 2,411,889; Dec. 3.
Guide, Radiating electromagnetic wave. W. W. Hansen. 2,402,622; June 25.
Guide, Roller. A. R. Diamond and W. Stever. 2,402,952; July 2.
Guide, Roller. C. J. Gaykowski. 2,402,546; June 25.
Guide, Sheet. C. W. Harrold. 2,400,927; May 28.
Guide system, Dielectric wave. M. D. Fiske. 2,407,069; Sept. 3.
Guide system, Navigational. J. H. Hammond, Jr. 2,404,848; Oct. 8.
Guide, Thread. F. P. Tamburro. 2,407,587; Sept. 10.
Guide, Wave. F. B. Llewellyn. 2,395,560; Feb. 26.
Guide, Wave. S. Roberts. 2,411,338; Nov. 19.
Guideway for sliding windows. P. Mesnel. 2,407,671; Sept. 17.
Guides for flame hardening torches, Adjustable. F. W. Riedel. 2,404,656; July 23.
Guiding device, Tool. R. W. Lipp. 2,409,290; Oct. 15.
Guiding device, Yarn. L. L. Jones. 2,401,249; May 28.
Guiding means. C. W. Burcky. 2,409,102; Oct. 8.
Guiding system, Ship. W. Ryan. 2,406,512; Aug. 27.
Gum clamp. D. S. Robinson. 2,396,203; Mar. 5.
Gum constituents from asclepiadaceae and product, Recovery of. B. N. Lougovoy and C. E. Hartwig. 2,391,611; Apr. 2.
Gummed product. F. W. Humphner. 2,400,995; May 28.
Gun. W. T. Gorton. 2,395,044; Feb. 19.
Gun. G. S. McArthur. 2,397,800; Apr. 2.
Gun, Acrid spray. N. Bourke. 2,394,424; Feb. 5.
Gun and brush combination. C. D. Clobridge. 2,392,645; Jan. 8.
Gun and sight mounting. J. C. Trotter. 2,412,109; Dec. 3.
Gun, Automatic. D. S. Bell and O. R. Wikander. 2,393,211; Feb. 19.
Gun, Automatic nut. J. Klopovic. 2,412,275; Dec. 10.
Gun barrels, Examining the interior. A. E. Ushakoff. 2,406,245; Aug. 6.
Gun barrels, Inspecting. A. C. W. Aldis. 2,407,598; Sept. 10.
Gun barrels, Inspecting. A. C. W. Aldis and J. West. 2,411,076; Nov. 12.
Gun, Bubble. P. S. Gilchrist, Jr. 2,393,039; Jan. 15.
Gun, Burner. W. P. Cottrell. 2,413,434; Dec. 31.
Gun carriage. T. H. Sullivan. 2,412,367; Dec. 10.
Gun, Caulking. F. D. Welch. 2,398,985; Apr. 23.
Gun charger. G. A. Goepfrich. 2,408,624; Oct. 1.
Gun charger. H. C. Grant, Jr. 2,409,623; Oct. 22.
Gun charger. E. J. Heizer. 2,411,877; Dec. 3.
Gun charger. W. R. Weeks. 2,394,127; Feb. 5.
Gun charger, Automatic machine. F. O. Wisman and W. C. Rohn. 2,410,767; Nov. 5.
Gun charger, Remote control. F. T. Roberts, Jr. 2,397,507; Apr. 2.
Gun charging mechanism. G. A. Goepfrich. 2,413,104; Dec. 24.
Gun charging mechanism. W. E. Naugler. 2,411,934; Dec. 3.
Gun-charging mechanism. F. R. Thresh. 2,408,110; Sept. 24.
Gun, Combined release fire and straight fire. C. A. Young. 2,406,980–1; Sept. 3.
Gun construction for gas blast spraying heat-fusible materials. A. P. Shepard. 2,397,165; Mar. 26.
Gun for blasting and spraying. R. Ruemelin. 2,405,854; Aug. 13.
Gunfire control, Method of and apparatus for. R. E. Crooke. 2,410,016; Oct. 29.
Gunfire control, System and apparatus for. F. E. Valentine and W. F. Skillin. 2,409,914; Oct. 22.
Gun holster. G. P. McAuley. 2,401,174; May 28.
Gun, Lever. C. E. Fitch. 2,409,619; Oct. 22.
Gun, Manually operated breech-loading rapid-fire. F. R. Weaver. 2,397,572; Apr. 2.
Gun mechanism, Recoilless. C. L. Eksergian. 2,405,414; Aug. 6.
Gun mount. H. W. Evans. 2,409,618; Oct. 22.
Gun mount. C. H. Kasch. 2,392,851; Jan. 15.
Gun mount, Aircraft. J. C. Trotter. 2,409,405; Oct. 15.
Gun mount, Antiaircraft and machine. R. B. Lindsey and G. Frock. 2,397,747; Apr. 2.
Gun mount, Position regulated. C. R. Hanna and L. B. Lynn. 2,391,965; Jan. 1.
Gun mount, Shock absorbing. J. C. Trotter. 2,409,404; Oct. 15.
Gun mounting. G. H. Lazarus, Jr., and J. F. Bewley. 2,405,792; Aug. 13.
Gun mounting. E. A. B. Rice, A. G. Rose, and S. Curtis. 2,411,114; Nov. 12.
Gun mounts, Limit stop for. F. C. Eastman. 2,391,956; Jan. 1.
Gun, Multibarrel machine. B. F. Coleman. 2,404,277; July 16.
Gun, Multiple barrel. R. L. Jenkinson. 2,409,939; Oct. 22.
Gun or like appliance, Riveting. D. R. Dowdle. 2,401,724; June 11.
Gun perforator. G. F. Turechek. 2,391,932; Jan. 1.
Gun, Pin welding. G. V. Moore. 2,401,655; June 4.
Gun, Pokeweld. D. H. Estes. 2,402,275; June 18.
Gun, Portable welding. H. A. Strickland, Jr. 2,400,473; May 14.
Gun position, Wing tip. H. Reiniger. 2,407,451; Sept. 10.
Gun positioning system. H. L. Hull, W. S. Gorrill, and W. F. Frost. 2,408,069; Sept. 24.
Gun, Pull. H. R. Fischer. 2,396,001; Mar. 5.
Gun recharger, Machine. G. R. Severance. 2,397,569; Apr. 2.
Gun, Repeating rocket. E. F. Chandler. 2,391,864; Jan. 1.
Gun, Riveting. L. C. Huck. 2,406,949; Sept. 3.
Gun, Rodent. H. H. Jucksch. 2,413,143; Dec. 24.
Gun, Rotary barrel. J. A. E. Martineau. 2,406,089; Aug. 20.
Gun seat. G. Maury, Jr. 2,393,257; Jan. 22.
Gun sight. J. D. Howell. 2,398,309; Apr. 9.
Gun sight. R. M. Lynn. 2,394,521; Feb. 5.
Gun sight. J. D. Tear. 2,405,064; July 30.
Gun sight. J. D. Tear and C. W. Buckley. 2,405,067; July 30.
Gun sight. J. D. Tear and C. W. Buckley. 2,407,191; Sept. 3.
Gun sight. J. D. Tear and E. P. Ross. 2,405,068; July 30.
Gun sight. R. R. Vought. 2,397,711; Apr. 2.
Gun sight for antiaircraft weapons and the like. A. Gazda. 2,399,431; Apr. 30.
Gun sighting device. E. J. Martin. 2,405,441; Aug. 6.
Gun slide trunnion bearing. G. A. Chadwick and P. H. Girouard. 2,396,247; Mar. 12.
Gunstock, Collapsible. A. H. Haberstump. 2,400,349; May 14.
Gun structure and recoil control. G. M. Magrum and B. E. O'Connor. 2,397,188; Mar. 26.
Gun structure, Electron. S. J. Koch and J. H. Robillard. 2,396,014; Mar. 5.
Gun training apparatus. T. H. Swisher. 2,398,813; Apr. 23.
Gun turret. G. W. Pontius, III., and F. V. Kuzmitz. 2,413,114; Dec. 24.
Gun turret seat. A. Corte. 2,400,812; May 21.
Gun turret sighting compensation systems. G. W. Pontius, III, A. P. Wilson, and F. V. Kuzmitz. 2,408,681; Oct. 1.
Gunnery trainer, Panoramic type. E. W. Gosswiller. 2,392,142; Jan. 1.
Gunnery training. F. Waller, W. R. Dresser, and H. M. Baker. 2,406,574; Aug. 27.
Guns, Automatic firing means for gyro, Stabilized. A. R. Stone. 2,394,021; Feb. 5.
Guns, Heating. G. Van Dagm. 2,403,415; July 2.
Guns mounted on aircraft, Aiming. L. J. Wackett. 2,405,383; Aug. 6.
Guns, Sear-actuating means for machine. C. G. Swebilius. 2,395,023; Feb. 19.

Gynecological instrument. C. E. Nagel. 2,400,251; May 14.
Gypsum composition. T. P. Camp. Re. 22,816; Dec. 10.
Gypsum lath, Perforating. L. N. Sorensen. 2,408,488; Oct. 1.
Gyratory crusher. J. B. Duty. 2,391,953; Jan. 1.
Gyro assembly. B. G. Martin. 2,409,875; Oct. 22.
Gyro flux valve compass system. R. S. Curry, Jr. 2,393,974; Feb. 5.
Gyro, Horizon. B. G. Carlson. 2,395,251; Feb. 19.
Gyro-horizon training device. A. W. Belshline. 2,395,838; Mar. 5.
Gyro instruments, Controlling. R. S. Curry, Jr. 2,401,337; June 4.
Gyro vertical. F. D. Braddon. 2,409,659; Oct. 22.
Gyroscope. A. Bach. 2,410,002; Oct. 29.
Gyroscope. C. S. Grimshaw. 2,412,453; Dec. 10.
Gyroscope, Directional. L. F. Beach, O. E. Esval, and A. W. Lane. 2,406,341; Aug. 27.
Gyroscope, Electrical directional. W. R. Weems. 2,410,473; Nov. 5.
Gyroscopic apparatus. E. P. Ross. 2,405,058; July 30.
Gyroscopic controlling means. A. W. Lane. 2,409,634; Oct. 22.
Gyroscopic device. J. R. Moore. 2,406,845; Sept. 3.
Gyroscopic instrument. R. Haskins, Jr., and O. E. Esval. 2,412,614; Dec. 17.
Gyroscopic mechanism. E. J. Poitras, J. D. Tear, and W. H. Newell. 2,405,052; July 30.
Gyroscopic navigational device. M. Jones. 2,393,473; Jan. 22.
H_2S from gases, Removal of. M. Williams. 2,403,319; July 2.
Hack saw. Z. R. Hough. 2,399,869; May 7.
Hackamore bit. R. W. Askin. 2,413,426; Dec. 31.
Hairbrush. H. Schwedersky. 2,397,757; Apr. 2.
Hair clip. L. T. Plumtree. 2,410,130; Oct. 29.
Hair curler. J. Ashford. 2,410,144; Oct. 29.
Hair drying process. C. A. Phipps. 2,392,405; Jan. 8.
Hair extracting device. H. Orner. 2,413,576; Dec. 31.
Hair extractor apparatus. J. Fichter. 2,400,227; May 14.
Hair fastener. F. D. Reynolds. 2,396,389; Mar. 12.
Hair foundation. W. Huppert. 2,406,376; Aug. 27.
Hair-grip pin. J. Jackson. 2,403,501; July 9.
Hair piece, toupee, or wig. V. J. Gordon. 2,393,858; Jan. 29.
Hairpin. R. K. Gaylord and I. R. Green. 2,397,100; Mar. 26.
Hairpin. A. De Julio. 2,401,620; June 4.
Hairpin. R. T. Ross. 2,394,484; Feb. 5.
Hairpin stand. W. W. Jones. 2,409,867; Oct. 22.
Hair protecting bathing cap. M. Rasmussen. 2,398,246; Apr. 9.
Hair remover. S. V. Horton. 2,413,325; Dec. 31.
Hair treating machine. B. A. Dodd. 2,403,350; July 2.
Hair wave clip. R. C. David. 2,409,197; Oct. 15.
Hair, Waving. R. E. Reed, D. Tenenbaum, and M. D. Beste. 2,405,166; Aug. 6.
Hair waving cap. N. Hoffman. 2,411,994; Dec. 3.
Hair-waving device. A. Casieri. 2,400,102; May 14.
Half handle structure, Self-locking, identical. E. J. Mason. 2,398,436; Apr. 16.
Halides, Preparation of. E. Gorin. 2,404,055; July 16.
Haloacetals. E. M. Filachione. 2,411,826; Nov. 26.
Halogen derivatives of schiff's bases having a bactericidal action. J. R. Shelton. 2,393,271; Jan. 22.
Halogen-8-hydroxy-quinaldines. E. Senn. 2,411,670; Nov. 26.
Halogen substituted acetonitriles. I. Hechenbleikner. 2,394,912; Feb. 12.
Halogenated compositions. F. M. Clark. 2,394,367; Feb. 5.
Halogenated compounds and making same. E. E. Hardy and G. M. Kosolapoff. 2,409,039; Oct. 8.
Halogenated mercaptans and thio-ethers, Production of. W. E. Vaughan and F. F. Rust. 2,398,480; Apr. 16.
Halogenated organic compounds. O. W. Cass. 2,412,389; Dec. 10.
Halogenated polymers of ethylene and preparation. J. R. Myles and F. S. B. Jones. 2,398,803; Apr. 23.
Halogenation. A. F. Benning and J. D. Park. 2,407,129; Sept. 3.
Halogenosilanes, Alkylation of. D. T. Hurd. 2,403,370; July 2.
Halter. V. Nagy. 2,402,835; June 25.
Halving and pitting machinery, Fruit. N. E. Gaddini. 2,403,516; July 9.
Hamburger patty maker. H. H. Holly. 2,413,046; Dec. 24.
Hammer, Centrifugal. J. O. Clark. 2,397,776; Apr. 2.
Hammer for firearms, Striking. A. Gazda. 2,399,432; Apr. 30.
Hammer for impact crushers. L. G. Ehmann. 2,404,775; July 30.
Hammer, Internal-combustion. G. A. Bergman. 2,399,458; Apr. 30.
Hammer, Magazine. K. F. Morberg. 2,399,374; Apr. 30.
Hammer, Mechanical. L. E. Pratt. 2,401,794; June 11.
Hammer, Power. H. F. Caudill. 2,403,582; July 9.
Hammer, Vibratory. E. Craig. 2,392,233; Jan. 1.
Hammers, Soft-face attachment for pneumatic. L. C. Lefebvre. 2,400,833; May 21.
Hamper or bag support. V. K. Roberts. 2,412,834; Dec. 17.
Hand, Artificial. P. A. Rebers. 2,408,880; Oct. 8.
Handbag. V. E. Ohlsen. 2,413,465; Dec. 31.
Handbag. B. Stember. 2,399,898; May 7.
Handbag and umbrella compartment, Combination lady's. M. Salem. 2,394,332; Feb. 5.
Handbag, Crochet. L. K. Rotkel. 2,393,268; Jan. 22.
Handbag, Gusseted plastic. J. Samuelson. 2,398,118; Apr. 9.
Handbags, Art of framing. M. H. Storch. 2,393,487; Jan. 22.
Handbags or the like, Locking structure for ladies'. C. W. Hardy. 2,399,866; May 7.
Hand brake. P. B. Camp and H. E. Bartsch. 2,395,779; Feb. 26.
Hand cleaner. W. E. Kleinicke. 2,410,168; Oct. 29.
Hand generator. F. J. Roggan. 2,393,813; Jan. 29.
Hand, Hydraulic artificial. J. Sargeson. 2,400,140; May 14.
Hand loom. M. K. Durrin. 2,409,743; Oct. 22.
Hand pump. G. W. Plumb. 2,396,878; Mar. 19.
Hand reel. E. E. Combs. 2,393,613; Jan. 29.
Hand tool. F. J. Clemens. 2,398,209; Apr. 9.
Handle: *See*—
Adjustable wagon handle.
Basket handle.
Casket handle.
Control handle.
Demolition tool handle.
Detachable can handle.
Detachable handle.
File handle.
Flexible mattress handle.
Furniture handle.
Microphone handle.
Saw handle.
Sure grip scythe handle.
Welder handle.
Handle. R. K. Hallum. 2,404,495; July 23.
Handle. S. W. Parsons. 2,396,194; Mar. 5.
Handle fastening, Adjustable tool. T. J. McIntosh. 2,409,879; Oct. 22.
Handle for box springs and the like. M. Bechik and W. F. Caster. 2,410,258; Oct. 29.
Handle for car door mechanism, Safety operating. A. E. Zimmer. 2,407,912; Sept. 17.
Handle for cooking utensils. A. Peterson. 2,395,140; Feb. 19.
Handle for safety razors. J. W. Anderson. 2,406,984; Sept. 3.
Handle for steering wheels, Adjustable operating. E. A. Anderson. 2,413,132; Dec. 24.
Handle, Locking sectional. E. J. Mason. Re. 22,749; Apr. 30.
Handle structure for bottle carriers. A. Wesselman. 2,397,898; Apr. 2.
Handling and drying apparatus, Pneumatic material. A. L. Smith. 2,401,438; June 4.
Handling and loading apparatus, Material. W. Ruddock. 2,398,859–60; Apr. 23.
Handling apparatus, Article. G. Goebel. 2,408,019; Sept. 24.
Handling apparatus, Food. G. R. Wood. 2,404,557; July 23.
Handling apparatus, Food. G. R. Wood. 2,407,525; Sept. 10.
Handling apparatus, Material. Y. A. Bouget. 2,398,879; Apr. 23.
Handling apparatus, Sheet. A. A. Saul. 2,406,857; Sept. 3.
Handling apparatus, Work. S. G. Von Stocker. 2,401,592; June 4.
Handling device. D. M. Lontz. 2,397,554; Apr. 2.
Handling device, Material. B. Cotter, L. H. Klaasen, and T. P. Archer. 2,399,722; May 7.
Handling device, Variable delivery fluid. D. J. Orr. 2,406,965; Sept. 3.
Handling machine, Coin. O. E. Hoffman, E. W. Quirk, and W. H. Sprenger. 2,406,948; Sept. 3.
Handling machine, Food. G. R. Wood. 2,402,520; June 18.
Handling machine, Grain. C. Raney. 2,408,952; Oct. 8.
Handling mechanism, Tack. C. A. Newhall. 2,400,130; May 14.
Handwheel attaching means. H. McCarthy. 2,406,957; Sept. 3.
Handy two-part folding screen. A. K. and D. F. White. 2,406,729; Aug. 27.
Hangar: *See*—
Airplane hangar.
Hangar or similar building, Metal. R. Blickensderfer and P. J. Welch. 2,399,785; May 7.
Hanger: *See*—
Bacon hanger.
Boot hanger.
Clothes hanger.
Coat hanger.
Collapsible garment hanger.
Curtain hanger.
Eyeglass hanger.
Foldable garment hanger.
Garment hanger.
Knockdown coat hanger.
Lady's skirt hanger.
Piston hanger.
Safety interlocking clothes hanger.
Skirt hanger.
Spring hanger.
Trouser and skirt hanger.
Trouser hanger.
Hanger and lamp lowering and hoisting means, Elevated. A. L. Ciper and A. W. Snyder. 2,407,869; Sept. 17.
Hanger attachment, Garment. M. F. Smith. 2,408,697; Oct. 1.
Hanger for books. A. J. Miller. 2,395,749; Feb. 26.

Hanger mechanism, Loom weight. J. P. Blouin. 2,397,914; Apr. 9.
Hardness of materials, Method and apparatus for testing the. A. J. Hodges. 2,407,278; Sept. 10.
Hardware and screen cloth machine. N. S. Harter. 2,401,070; May 28.
Hardware article. G. V. Jakeway. 2,402,407; June 18.
Hardware, Divan. W. G. O'Neil. 2,395,424; Feb. 26.
Hardware for concrete forms. R. L. Geer. 2,398,219; Apr. 9.
Harmonic generating system. J. W. McRae. 2,408,437; Oct. 1.
Harmonic generator. R. J. Kircher. 2,407,667; Sept. 17.
Harmonica, Plastic. F. H. Magnus. 2,407,312; Sept. 10.
Harness and control apparatus therefor, Safety. G. W. Pancoe. 2,394,523; Feb. 5.
Harness, Baby. L. W. Ware. 2,413,395; Dec. 31.
Harness, Engine lifting. H. O. Austin. 2,412,488; Dec. 10.
Harness, Head. J. F. Dauster. 2,400,077; May 14.
Harness, Improvement in parachute. J. Miller and B. L. Kaufman. 2,408,088; Sept. 24.
Harness, Parachute. J. R. C. Quilter and J. Gregory. 2,405,671; Aug. 13.
Harness, Parachute. M. H. St. Clair. 2,400,471; May 14.
Harness, Quick release. F. Smith. 2,402,264; June 18.
Harp. R. W. Konter. 2,401,571; June 4.
Harp Lamp. D. Leef. 2,408,522; Oct. 1.
Harrow, Disk. V. Gier. 2,402,884; June 25.
Harrow, Disk. E. S. Thompson. 2,406,866; Sept. 3.
Harrow, Disk. C. H. White. 2,392,018; Jan. 1.
Harrow hitch. J. B. Guthrie. 2,396,369; Mar. 12.
Harrow, Offset disk. A. E. Rutter. 2,404,252; July 16.
Harvester. J. E. Erickson. 2,403,271; July 2.
Harvester. E. F. Schmidt. 2,401,513; June 4.
Harvester. A. B. Welty. 2,399,774; May 7.
Harvester, Beet. G. C. Gordon and E. F. Blackwelder. 2,405,205; Aug. 6.
Harvester construction. B. Hyman. 2,399,740; May 7.
Harvester, Cotton. D. B. Baker and C. R. Hagen. 2,399,718; May 7.
Harvester, Ensilage. G. B. Hill and F. D. Jones. 2,394,996; Feb. 19.
Harvester, Hay. W. H. Rodefeld. 2,405,756; Aug. 13.
Harvester reel. A. W. Oehler and E. J. Johnson. 2,406,706; Aug. 27.
Harvester-thresher. C. J. Scranton. 2,397,375; Mar. 26.
Harvesting apparatus, Celery. T. J. Bell. 2,410,861; Nov. 12.
Harvesting machine. F. N. G. Kranick and C. W. Hansen. 2,395,672; Feb. 26.
Harvesting machine, Cotton. C. T. Boone, Sr. 2,406,058; Aug. 20.
Hat. M. G. Green. 2,396,503; Mar. 12.
Hat and making the same, Fabric. J. Cavanagh. 2,408,610; Oct. 1.
Hat construction. E. J. King. 2,410,033; Oct. 29.
Hat construction, Interchangeable. A. I. Josephs. 2,408,318; Sept. 24.
Hat, Fishermen's. S. W. Brunner. 2,393,286; Jan. 22.
Hat, Paper. I. Gardner. 2,410,158; Oct. 29.
Hatch Escape. N. and S. O. Heffner. 2,396,508; Mar. 12.
Hatch for railway cars, Roof. A. Campbell. 2,408,733; Oct. 8.
Hatmaking apparatus and operating same. J. E. Kane. 2,396,178; Mar. 5.
Hat, Manufacturing felt. A. E. Hodshon. 2,404,634; July 23.
Hay feeder. J. G. Maki. 2,412,643; Dec. 17.
Hay mower. W. Wedoe. 2,400,671; May 21.
Head, Adjustable cutter. A. J. Maffia. 2,402,650; June 25.
Head box slice for paper making machines. L. J. Boettinger. 2,394,509; Feb. 5.
Head, Casing. A. J. Penick. 2,400,254; May 14.
Head for broaching machine, Pull. F. J. Lapointe. 2,405,961; Aug. 20.
Head for lathes, Turret. F. Sirola. 2,403,405; July 2.
Head for wells, Adaptor. L. C. Hudson. 2,407,010; Sept. 3.
Headgear, Welder's. J. L. Morow. 2,402,431; June 18.
Head, Induction heating. H. E. Somes. 2,399,897; May 7.
Headlamp, Black-out. R. N. Falge, G. W. Onksen, Jr., and W. R. Goris. 2,403,646; July 9.
Headlight indicator. V. J. Roper. 2,403,123; July 2.
Headlight mounting. M. P. Blomberg. 2,403,904; July 16.
Headlight tester. H. G. Holmes. 2,411,879; Dec. 3.
Head, Pressure drilling. A. Pranger. 2,401,960; June 11.
Headrest and emergency kit, Combined. F. I. Steele. 2,404,109; July 16.
Head, Spray. A. O. Draviner. 2,402,741; June 25.
Headstock, Turret lathe. M. G. Himoff. 2,401,072; May 28.
Head, Universal grinder. H. S. Jakobsen. 2,400,826; May 21.
Header and supporting member, Combined. A. E. Fridolph. 2,412,608; Dec. 17.
Header for bottle filling machines. O. Powley. 2,396,603; Mar. 12.
Heading apparatus, Wire. C. O. Blaisdell. 2,401,329; June 4.
Health cabinet. B. Howard. 2,406,222; Aug. 20.
Hearing aid. J. R. Cubert. 2,395,318; Feb. 19.
Hearing aid and radio receiving set, Combined. T. B. Fordham and T. W. Moore. 2,409,481; Oct. 15.
Hearing aids, Carrying pocket for. M. H. Brede. 2,400,626; May 21.
Hearing mounting. P. L. Haager. 2,405,745; Aug. 13.
Hearth. D. C. Campion. 2,401,227; May 28.
Heat control. W. W. Muir. 2,409,305; Oct. 15.
Heat control. E. Olson. 2,407,095; Sept. 3.
Heat exchange. H. Y. Lankford. 2,409,873; Oct. 22.
Heat exchange apparatus. W. G. Fraser, Jr. 2,412,573; Dec. 17.
Heat exchange apparatus. J. A. Wildermuth. 2,392,021; Jan. 1.
Heat exchange apparatus, Tubular. W. H. Millener. 2,404,187; July 16.
Heat exchange device. R. H. Amand and J. C. Daninos.
Heat exchange device. A. J. Gallaher. 2,395,543; Feb. 26. 2,392,444; Jan. 8.
Heat exchange fins, Fabrication of helical. R. W. Shoemaker. 2,390,611; Mar. 12.
Heat exchange unit. W. H. Geddes. 2,404,168; July 16.
Heat exchange unit. P. C. Hannah. 2,396,650; Mar. 19.
Heat exchanger. D. C. Affleck. 2,412,552; Dec. 17.
Heat exchanger. D. E. Jack and D. Augsburger. 2,405,256; Aug. 6.
Heat exchanger. C. H. Koper. 2,399,357; Apr. 30.
Heat exchanger. S. Kopp. 2,411,097; Nov. 12.
Heat exchanger. S. Kopp. 2,411,436; Nov. 19.
Heat exchanger. E. A. Wenk. 2,410,912; Nov. 12.
Heat exchanger, Exhaust. E. O. Tinker. 2,393,840; Jan. 29.
Heat exchanger for gaseous media, Recuperative. T. Vannerus. 2,402,307; June 18.
Heat exchanger, Oil and jacket coolant. F. M. Young and W. V. Astrup. 2,397,069; Mar. 19.
Heat exchangers, Repairing. J. E. Woods. 2,394,831; Feb. 12.
Heat-insulating material. H. E. Lloyd. 2,400,884; May 28.
Heat insulation block. C. C. Callis. 2,396,246; Mar. 12.
Heat motor operated mechanism. D. G. Taylor. 2,396,541; Mar. 12.
Heat pump. M. M. Smith, C. O. Fields, and E. N. Kemler. 2,401,890; June 11.
Heat radiation, Locating objects by. H. A. Zahl. 2,392,873; Jan. 15.
Heat regulator. P. S. Martin. 2,406,088; Aug. 20.
Heat-resistant alloy. E. R. Parker. 2,404,248; July 16.
Heat responsive device. W. A. Tolson. 2,410,317; Oct. 29.
Heat-sealed articles, Forming. J. S. Hull. 2,402,631; June 25.
Heat sealing, Method and apparatus for. H. A. Rohdin. 2,392,695; Jan. 8.
Heat stable compositions. J. K. Craver. 2,410,635; Nov. 5.
Heat transfer apparatus and manufacture. P. R. Cassidy. 2,404,826; July 30.
Heat transfer assembly. H. J. Dailey. 2,409,668; Oct. 22.
Heat transfer device. F. W. Knowles. 2,412,621; Dec. 17.
Heat transfer resisting means for carburetors. W. H. Weber. 2,397,392; Mar. 26.
Heat transferring means suitable for thermionic discharge apparatus. A. J. Young. 2,406,121; Aug. 20.
Heat-treating apparatus. E. A. Furkert. 2,407,230; Sept. 10.
Heat-treating apparatus. H. E. Somes. 2,399,896; May 7.
Heat treating machine. H. E. Somes. 2,393,484; Jan. 22.
Heat-treatment of glass articles, Carrying out. E. Greetham. 2,407,878; Sept. 17.
Heat utilizer, Waste. F. Saco, Jr., and W. R. Williamson. 2,397,208; Mar. 26.
Heated steering wheel cover. H. J. Leible. 2,392,539; Jan. 8.
Heater: *See*—

Auxiliary air heater.	Induction heater.
Circulating heater.	Milk bottle heater.
Convection heater.	Off-peak hot-water heater.
Direct fired unit heater.	Orchard or like heater.
Electric heater.	Portable electric heater.
Electric water heater.	Portable heater.
Electrical contact heater.	Railway track heater.
Engine block water heater.	Self-stoking water heater.
Fluid heater.	Side arm heater.
Forced draft floor heater.	Solar heater.
Fuel oil heater.	Space heater.
Generator type heater.	Unit heater.
High-temperature gas heater.	Water heater.

Heater. E. B. Barnes. 2,402,010; June 11.
Heater. T. C. Chesley. 2,393,855; Jan. 29.
Heater. A. W. Ferre. 2,392,283; Jan. 1.
Heater. H. B. Holthouse. 2,405,427; Aug. 6.

Heater. H. Lange. 2,399,490; Apr. 30.
Heater. H. J. De N. McCollum. 2,395,418; Feb. 26.
Heater. H. J. De N. McCollum. 2,395,568; Feb. 26.
Heater. H. J. De N. McCollum. 2,398,106; Apr. 9.
Heater. H. J. De N. McCollum. 2,402,970; July 2.
Heater. H. J. De N. McCollum. 2,403,189; July 2.
Heater. H. J. De N. McCollum. 2,404,646; July 23.
Heater. H. J. De N. McCollum. 2,405,317; Aug. 6.
Heater. H. J. De N. McCollum. 2,410,353; Oct. 29.
Heater. H. J. DeN. McCollum. 2,411,663; Nov. 26.
Heater. W. A. Whitener. 2,399,589; Apr. 30.
Heater. G. W. Zimbelman and J. Cherry. 2,411,313; Nov. 19.
Heater and air circulator, Combined electric. J. M. Aufiero. 2,408,286; Sept. 24.
Heater and water knockout apparatus for treating oil well streams, Combination. J. P. Walker. 2,398,338; Apr. 9.
Heater attachment for fans. A. W. Gardes. 2,411,782; Nov. 26.
Heater control apparatus. S. E. Heymann. 2,396,655; Mar. 19.
Heater control system, Water. C. M. Osterheld. 2,403,116; July 2.
Heater control valve and switch. V. L. Hudson. 2,399,033; Apr. 23.
Heater for army use, Hot-water. J. L. Breese. 2,396,819; Mar. 19.
Heater for hygienic uses, Controlled electric water. T. A. Mungo. 2,409,512; Oct. 15.
Heater for internal-combustion engines, Fuel. C. F. Brookes. 2,408,605; Oct. 1.
Heater of adjustable temperature, Electric. D. S. and E. J. Drabble and P. Ortiz de Zarate. 2,398,136; Apr. 9.
Heaters, Air attachment for rivet. F. Tricoli. 2,400,894; May 28.
Heating. F. O. Hess. 2,402,045; June 11.
Heating and cooling system, Moist air. L. E. Rollins. 2,392,553; Jan. 8.
Heating and cooling system, Radiation. A. B. Newton. 2,396,338; Mar. 12.
Heating and quenching device, Induction. W. C. Rudd. 2,404,987; July 30.
Heating and rinsing device, Combination. H. L. Pyle. 2,394,330; Feb. 5.
Heating and steam generating unit, Water. P. B. Wallace. 2,401,848; June 11.
Heating apparatus. C. W. Abbott. 2,398,398; Apr. 16.
Heating apparatus. A. Barnsteiner. 2,393,879; Jan. 29.
Heating apparatus. E. Bletz. 2,392,635; Jan. 8.
Heating apparatus. E. Bletz. 2,399,423; Apr. 30.
Heating apparatus. E. Bletz. 2,409,414; Oct. 15.
Heating apparatus. S. J. Budlane. 2,404,617; July 23.
Heating apparatus. E. K. Clark. 2,410,013–14; Oct. 29.
Heating apparatus. B. Goerg. 2,392,587; Jan. 8.
Heating apparatus. H. B. Holthouse. 2,400,116–17; May 14.
Heating apparatus. R. H. Hunter. 2,410,881; Nov. 12.
Heating apparatus. H. De N. McCollum. 2,393,792; Jan. 29.
Heating apparatus. H. J. De N. McCollum. 2,403,188; July 2.
Heating apparatus. H. J. De N. McCollum. 2,410,547–8; Nov. 5.
Heating apparatus. H. J. De N. McCollum and L. A. Williams. 2,394,627; Feb. 12.
Heating apparatus. H. J. De N. McCollum and L. A. Williams, Jr. 2,404,647; July 23.
Heating apparatus. M. L. Mueller. 2,402,907; June 25.
Heating apparatus. O. W. Pike. 2,408,339; Sept. 24.
Heating apparatus. G. E. Price. 2,392,692; Jan. 8.
Heating apparatus. M. Resek. 2,393,411; Jan. 22.
Heating apparatus. S. S. Vineberg. 2,407,590; Sept. 10.
Heating apparatus. G. T. Wait. 2,410,537; Nov. 5.
Heating apparatus. L. A. Williams, Jr. 2,401,032; May 28.
Heating apparatus. L. A. Williams, Jr. 2,404,676; July 23.
Heating apparatus and system. E. F. Chandler. 2,399,467; Apr. 30.
Heating apparatus, Electrical. W. M. Roberds. 2,408,229; Sept. 24.
Heating apparatus, Electrostatic. M. G. Stratton. 2,401,277; May 28.
Heating apparatus, Flame. J. O. Bishop and L. L. Babcock. 2,410,605; Oct. 29.
Heating apparatus, Induction. V. W. Sherman. 2,397,990; Apr. 9.
Heating apparatus, Induction. H. A. Strickland, Jr. 2,402,508; June 18.
Heating apparatus, Induction. H. A. Strickland, Jr. 2,405,985; Aug. 20.
Heating apparatus, Progressive induction. V. W. Sherman. 2,402,186; June 18.
Heating apparatus, Steam. C. N. Deverall. 2,402,610; June 25.
Heating appliance. E. K. Clark. 2,409,420; Oct. 15.
Heating assembly baffle construction. E. W. Brown. 2,396,939; Mar. 19.
Heating attachment for horns. O. H. Pearson. 2,409,954; Oct. 22.
Heating attachments for fireplaces, Portable. E. S. Rumery. 2,396,535; Mar. 12.
Heating control. R. J. Parsons. 2,392,290; Jan. 1.
Heating device, Electrical. E. R. Ziegler. 2,403,163; July 2.
Heating, device for soldering, Electric. LeR. J. Lindberg. 2,411,540; Nov. 26.
Heating, Electric arc. E. Hediger. 2,398,427; Apr. 16.
Heating element, Electrical. J. McOrily. 2,391,995; Jan. 1.
Heating head. H. E. Somes. 2,397,442; Mar. 26.
Heating, Intermittent billet. H. A. Strickland, Jr. 2,400,472; May 14.
Heating means. H. S. Wheller. 2,400,617; May 21.
Heating means for the outer surfaces of airplanes. J. Hojnowski. 2,395,548; Feb. 26.
Heating of thin-walled nonmagnetic metallic tubes, Magnetic induction. R. M. Baker. 2,408,190; Sept. 24.
Heating pad. F. Lobl. 2,401,360; June 4.
Heating system. H. B. Holthouse. 2,393,167; Jan. 15.
Heating system. H. B. Holthouse. 2,405,143–5; Aug. 6.
Heating system. J. H. Leslie, II. 2,403,186; July 2.
Heating system. E. B. Tidd. 2,395,697; Feb. 26.
Heating system, Airplane. R. E. B. Wakefield. 2,401,393; June 4.
Heating system and control means therefor. W. S. Landon. 2,398,099; Apr. 9.
Heating system and control valve therefor, Steam. W. T. Ferguson. Re. 22,752; May 7.
Heating system, Electric. E. D. Schneider. 2,398,673; Apr. 16.
Heating system for aircraft. H. J. De N. McCollum. 2,396,740; Mar. 19.
Heating system for buildings, Electric. W. N. Mann and E. Lawrenson. 2,406,884; Sept. 3.
Heating, System of. E. F. Chandler. 2,399,985; May 7.
Heating system of the circulating liquid class. M. Resek. 2,399,941; May 7.
Heating system, Steam. W. T. Jones. 2,411,731; Nov. 26.
Heating system, Thermosiphon liquid circulating. M. Resek. 2,399,942; May 7.
Heating tank, Corrosion-resistant fluid. W. H. Martin. 2,403,670; July 9.
Heating unit. A. D. Olds. 2,401,502; June 4.
Heating unit and control. A. J. Kercher. 2,412,737; Dec. 17.
Heating unit, Thermostatically controlled. B. O. Beck. 2,396,238; Mar. 12.
Heating unit, Water. M. Doerner. 2,403,173; July 2.
Heating work. F. O. Hess. 2,409,431; Oct. 15.
Heavy duty vehicle. F. M. Reid. 2,398,248; Apr. 9.
Hectograph mass. R. D. Blum, Jr. 2,412,200; Dec. 10.
Heddle bar lock. D. E. Buice, Sr. 2,409,735; Oct. 22.
Heel and making it, Composite resilient. C. H. Littlefield. 2,401,946; June 11.
Heel construction, Shoe. G. B. Wisecarver. 2,407,524; Sept. 10.
Heel, Detachable. A. Fisk. 2,403,592; July 9.
Heel for boots and shoes. F. Ward. 2,406,274; Aug. 20.
Heel protector. O. Guttmann. 2,398,092; Apr. 9.
Heel, Reinforced resilient shoe. F. Cleve, Jr. 2,395,993; Mar. 5.
Heel, Renewable. N. W. Doane. 2,396,834; Mar. 19.
Heel, Resilient. R. W. Crum. 2,402,534; June 25.
Heel, Rubber. M. L. Silverstein. 2,406,569; Aug. 27.
Heel, Shock resisting. V. P. Williams. 2,394,281; Feb. 5.
Heel, Shoe. O. Boivin. 2,400,282; May 14.
Heel turning device, Automatic. G. Clausing. 2,405,941; Aug. 20.
Helical spring. A. Raspet. 2,402,666; June 25.
Helicopter. E. Bossi. 2,396,038; Mar. 5.
Helicopter. C. E. Darrow. 2,404,829; July 30.
Helicopter. R. R. Hays. 2,402,043; June 11.
Helicopter. A. Serna. 2,411,297; Nov. 19.
Helicopter. F. Thornes. 2,404,014; July 16.
Helicopter. W. T. Trice. 2,399,076; Apr. 23.
Helicopter, Air jet propelled. A. Sbrilli. 2,396,130; Mar. 5.
Helicopter, Flow controlled. J. O. de Chappedelaine. 2,394,513; Feb. 5.
Helicopter rotor mounting. J. O. de Chappedelaine. 2,410,963; Nov. 12.
Helicopter with coaxial rotors and control means therefor. A. C. Thomson. 2,410,533; Nov. 5.
Helmet, Face protecting. C. E. Bowers. 2,400,480; May 21.
Helmet, Welders'. M. N. Anderson and M. H. Sellstrom. 2,410,256; Oct. 29.
Helmet, Welder's. J. O'Reilly. 2,411,224; Nov. 19.
Hemispherical generator. A. J. Holman. 2,392,478; Jan. 8.
Hemoglobinometer. A. A. Gradisar and M. G. Brown. 2,396,260; Mar. 12.
Heparin, Recovery of. M. H. Kuizenga. 2,410,084; Oct. 29.
Herbicides. L. J. Meuli. 2,392,850; Jan. 15.
Hesperidin, Manufacturing. R. H. Higby. 2,400,693; May 21.

Heterocyclic basis, Manufacture of. F. Bergel, N. C. Hindley, A. L. Morrison, and H. Rinderknecht. 2,405,555; Aug. 13.
Heterocyclic sulphonamido azo compounds. E. E. A. Askelöb, N. Svarts, and H. C. Willstaedt. 2,396,145; Mar. 5.
Heteropolymer of mono-olefin and an unsaturated ether. Insoluble. W. J. Sparks and R. M. Thomas. 2,412,921; Dec. 17.
High capacity mine car. R. A. Shields. 2,411,939; Dec. 3.
High chair. J. W. Best. 2,407,646; Sept. 17.
High dielectric material and making same. E. Wainer. 2,399,082; Apr. 23.
High dielectric material and making the same. E. Wainer. 2,402,515–18; June 18.
High efficiency fluorescent lamp. N. C. Beese. 2,392,305; Jan. 8.
High-frequency apparatus. H. Benioff. 2,408,407; Oct. 1.
High-frequency apparatus. T. J. Boerner and J. W. Sanborn. 2,412,314; Dec. 10.
High-frequency apparatus. W. C. Hahn. 2,403,795; July 9.
High-frequency apparatus. W. W. Hansen and J. R. Woodyard. 2,406,372; Aug. 27.
High-frequency apparatus. W. M. Kellogg. 2,410,080; Oct. 29.
High-frequency apparatus. W. W. Mieher and J. D. Mallett. 2,407,318; Sept. 10.
High-frequency apparatus. C. W. Rice. 2,412,631; Dec. 17.
High-frequency apparatus. W. M. Roberds. 2,404,404; July 23.
High-frequency baking apparatus. V. W. Sherman. 2,413,003; Dec. 24.
High-frequency dielectric heating apparatus. R. W. Gilbert. 2,396,004; Mar. 5.
High-frequency discharge device. A. M. Gurewitsch. 2,404,226; July 16.
High-frequency electron discharge apparatus. J. H. Fremlin. 2,411,535; Nov. 26.
High-frequency heating apparatus. E. T. Hsu. 2,405,037; July 30.
High-frequency impedance-matching device. H. A. Wheeler. 2,403,252; July 2.
High-frequency oscillations, Generating. D. H. Sloan. 2,404,541; July 23.
High-frequency power generator. F. G. Albin. 2,412,553; Dec. 17.
High-frequency pulse generator. J. A. Rado. 2,409,897; Oct. 22.
High-frequency resistance. K. E. Latimer. 2,399,645; May 7.
High-frequency shielding. O. M. Arnold. 2,405,987; Aug. 20.
High-frequency signal generator. D. E. Harnett. 2,401,481; June 4.
High frequency system, Ultra. R. W. George. 2,399,481; Apr. 30.
High-frequency transducer system. P. S. Carter. 2,409,542; Oct. 15.
High-frequency transmission lines, Monitor probe for. G. L. Usselman. 2,401,205; May 28.
High-frequency tube structure and apparatus. W. W. Hansen and R. H. and S. Varian. 2,410,063; Oct. 29.
High-frequency vacuum tube circuit. H. C. Lawrence, Jr. 2,403,725; July 9.
High-frequency wave signaling system. W. P. Mueller. 2,410,387; Oct. 29.
High-light process, Half-tone. B. L. Berry. 2,395,985; Mar. 5.
High load mercury switch. C. H. Larson. 2,401,767; June 11.
High molecular weight aliphatic ketones, Preparing. R. E. Meyer and F. P. Otto. 2,410,096; Oct. 29.
High molecular weight products of ethylene. W. E. Hanford and J. R. Roland. 2,402,137; June 18.
High-pressure closing device. K. Werner. 2,394,345; Feb. 5.
High-pressure control valve. J. C. Hobbs. 2,391,898; Jan. 1.
High-speed belt. H. J. Johnson. 2,392,743; Jan. 8.
High-speed vehicle. R. M. Hamilton. 2,399,021; Apr. 23.
High temperature alloy. S. O. Fisher. 2,406,363; Aug. 27.
High temperature furnace. R. D. Hall and E. Romanelli. 2,404,060; July 16.
High-temperature gas heater. R. Ruegg. 2,409,801; Oct. 22.
High temperature valve. G. P. Bunn. 2,410,960; Nov. 12.
High-temperature valve. L. W. Schrader. 2,412,913; Dec. 17.
High vacua, Production of. J. W. Tills, J. B. Lovatt, and F. C. Potts. 2,404,997; July 30.
High-voltage apparatus. R. H. Varian. 2,392,380; Jan. 8.
High voltage electrostatic generator. J. G. Delcau. 2,398,581; Apr. 16.
High voltage protective link. E. A. Thompson. 2,412,926; Dec. 17.
High voltage regulator circuit. S. C. Spielman. 2,407,458; Sept. 10.
High voltage safety switch. F. E. Runge. 2,395,683; Feb. 26.
Highly unsaturated hydrocarbon impurities from diolefin-containing mixtures, Removal of. L. K. Frevel. 2,398,301; Apr. 9.
Highway reflector sign. H. Boogher. 2,411,187; Nov. 19.
Hinge, Adjustable. C. M. Jahn. 2,408,071; Sept. 24.
Hinge and latch construction. G. Becker. 2,398,573; Apr. 16.
Hinge, Box. C. W. Coye. 2,399,989; May 7.
Hinge for doors, Spring. A. C. Bunker. 2,395,456; Feb. 26.
Hinge for shoe lasts. C. H. Heitman. 2,391,968; Jan. 1.
Hinge, Locking. W. S. Bellows. 2,391,861; Jan. 1.
Hinge, Spring. F. B. Walts. 2,413,475; Dec. 31.
Hinged cover container. M. I. Williamson and H. A. Carruth. 2,403,698; July 9.
Hitch. E. A. Calhoun. 2,412,672; Dec. 17.
Hitch. W. L. Zink and V. O. Hauswirth. 2,400,145; May 14.
Hitch, Automatic. C. Brodale. 2,409,831; Oct. 22.
Hitch device. W. H. Silver. 2,412,754; Dec. 17.
Hitch device. C. G. Strandlund. 2,403,410; July 2.
Hitch device, Trailer. A. F. Solon. 2,409,399; Oct. 15.
Hitch for tractors, Safety. S. S. Ellis. 2,398,365; Apr. 16.
Hitch for trailers, Towing. F. R. and F. M. Klaus. 2,399,746; May 7.
Hitch, Material spreader. C. L. George and R. N. Bennett. 2,403,973; July 16.
Hitch means for connecting trailed devices to tractive vehicles. W. J. Sands and A. Greer. 2,405,980; Aug. 20.
Hitch means for connecting trailers to tractive vehicles. H. G. Ferguson. 2,393,358; Jan. 22.
Hitch, Snow plow shoe. A. L. and C. A. Hanson. 2,403,219; July 2.
Hitch, Tractor. L. M. Lewison. 2,399,364; Apr. 30.
Hitch, Tractor-trailer. S. F. Armington and W. F. Double. 2,401,036; May 28.
Hitch, Trailer. C. N. Carlson. 2,404,362; July 23.
Hitch, Trailer. L. C. Goodwin. 2,397,001; Mar. 19.
Hitch, Trailer. E. G. Lantz. 2,400,522; May 21.
Hitch, Trailer. H. C. Riemann and J. R. Thorp. 2,408,531; Oct. 1.
Hitch, Trailer. A. W. Wilson. 2,407,464; Sept. 10.
Hobby horse, Child's. W. M. Denton. 2,400,396; May 14.
Hockey game. J. O. Séguin. 2,398,726; Apr. 16.
Hoe. H. J. Beneke. 2,406,280; Aug. 20
Hoe. G. Gallus. 2,407,740; Sept. 17.
Hoe. G. H. Gascoigne and J. R. Knox. 2,397,786; Apr. 2.
Hog trap. P. L. Newbold. 2,408,872; Oct. 8.
Hoist. E. W. Brundage. 2,407,811; Sept. 17.
Hoist. F. and M. A. English. 2,410,777; Nov. 5.
Hoist. D. V. Helle. 2,392,986; Jan. 15.
Hoist. W. O. Ladwig. 2,397,271; Mar. 26.
Hoist. F. P. Lawler. 2,402,756; June 25.
Hoist. S. S. McIntyre. 2,405,156; Aug. 6.
Hoist, Ammunition. R. L. Tweedale. 2,403,886–7; July 9.
Hoist and grappling control, Load. H. N. Dimick. 2,410,965; Nov. 12.
Hoist and landing device, Carcass. S. Le Fiell. 2,401,942; June 11.
Hoist and transporting device. H. McKee. 2,407,993; Sept. 24.
Hoist attachment for ladders. H. L. Campbell. 2,394,148; Feb. 5.
Hoist, Cargo. W. P. Lear. 2,403,099; July 2.
Hoist, Chain. C. S. Schroeder. 2,403,462; July 9.
Hoist control and drive. H. F. Vickers. 2,407,694; Sept. 17.
Hoist drum cover. E. B. Lear and A. Meyer. 2,402,289; June 18.
Hoist for truck mounting, Portable electric. G. H. Smith. 2,395,201; Feb. 19.
Hoist, Ladder. A. J. Kleidon. 2,405,505; Aug. 6.
Hoist, Traversing. W. P. Lear. 2,403,095; July 2.
Hoist, Vehicle. W. A. Courtenay, Jr. 2,407,629; Sept. 17.
Hoisting apparatus. E. W. Holmes. 2,405,578; Aug. 13.
Hoisting apparatus. E. B. Maloon and W. H. Yount. 2,401,172; May 28.
Hoisting apparatus. C. A. Martin. 2,400,939; May 28.
Hoisting device for dump trucks and other vehicles. J. P. Luckett. 2,406,620; Aug. 27.
Hoisting drum, Air-cooled. C. M. Anderson. 2,412,706; Dec. 17.
Hoists, Clutch mechanism for slusher. E. B. Learn and A. Meyer. 2,400,359; May 14.
Hoists, Snubber for. E. B. Lear. 2,400,358; May 14.
Holdall, case, and bag, Portable. E. E. Langford and A. T. Garnett. 2,405,361; Aug. 6.
Hold-down bracket. H. H. Nelson. 2,402,769; June 25.
Hold-down device, Adjustable. L. A. Spievak. 2,408,586; Oct. 1.
Hold-down device, Aircraft. H. F. Pitcairn. 2,403,456; July 9.
Hold-down device, Resilient. W. J. Miller. 2,408,330; Sept. 24.
Hold-down device, Work. C. Rubenstein. 2,411,059; Nov. 12.

Holder: *See*—
Adjustable flashlight holder.
Album picture holder.
Arc welding rod holder.
Automatic aligning and locking tool-holder.
Auxiliary jaw electrode holder.
Baby's heat-retaining nursing-bottle holder.
Battery holder.
Birthday cake candle holder.
Bobbin holder.
Bottle holder.
Broom holder.
Cable-stitch holder.
Candle holder.
Carbon arc electrode holder.
Carbon holder.
Cartridge crystal holder.
Christmas tree holder.
Cigarette and cigar holder.
Cigarette and safety match holder.
Cloth abrasive holder.
Clothesline holder.
Collapsible tube holder.
Concentricity gauge specimen holder.
Condiment holder.
Container holder.
Copy holder.
Cosmetic holder.
Crochet ball holder.
Crystal holder.
Cut film holder.
Desk pad holder.
Die holder.
Dish holder.
Display holder.
Door holder.
Electric welding rod holder.
Electrode holder.
Expansion joint dowel holder.
Expendible work holder.
Flim holder.
Fishhook holder.
Fishing pole holder.
Flatiron holder.
Floating tool-holder.
Flower holder.
Fruit holder.
Fruit jar holder.
Full display flag holder.
Garbage can holder.
Garment holder.
Gas cylinder holder.
Gear testing work holder.
Glass bulb and flask holder.
Insulated electrode holder.
Interchangeable tool holder.
Intravenous needle holder.
Key holder.
Lamp holder.
Lamp shade holder.
Lipstick holder.
Magnetic swivel work holder.
Money holder.
Mop holder.
Motor vehicle identification tag holder.
Multiple crystal holder.
Necktie holder.
Nursing bottle holder.
Paper roll holder.
Pencil holder.
Photograph holder.
Photographic film holder.
Picture holder.
Piezo-crystal holder.
Piezoelectric crystal holder.
Pin-up vanity case holder.
Pipe holder.
Plastic lipstick holder.
Propellent charge holder.
Quartz crystal holder.
Razor blade holder.
Roll type die holder.
Sandpaper holder.
Saw blade holder.
Self-releasing tool holder.
Shirt collar holder.
Shuttle holder.
Soapstone holder.
Striking line holder.
Table top and card holder.
Ticket roll holder.
Toolholder.
Toothbrush holder.
Utensil holder.
Venetian blind holder.
Welder's electrode holder.
Welding electric holder.
Welding electrode holder.
Welding rod holder.
Wire brush holder.
Work holder.
Workpiece holder.
Wrench holder.

Holder. O. Lobl. 2,394,457; Feb. 5.
Holder and applicator for cosmetic liquids and the like. F. W. Bryant. 2,399,463; Apr. 30.
Holder and ash tray, Combination cigarette. B. Z. Smith. 2,400,847; May 21.
Holder and carrier, Baby. N. Nettleship. 2,411,321; Nov. 19.
Holder and closure, Combined paste tube. F. M. Groedel. 2,393,103; Jan. 15.
Holder and positioner for heel parts. E. C. Gill. 2,408,844; Oct. 8.
Holder and toothpaste dispenser, Combined toothbrush. J. C. Kotraba. 2,411,923; Dec. 3.
Holder for bobbin transfer magazines, Yarn. G. W. Parkin. 2,396,120; Mar. 5.
Holder for bottles. H. G. Jackson. 2,409,357; Oct. 15.
Holder for cantilever elements, Spring. M. Fritts. 2,404,385; July 23.
Holder for cards and photographs. C. F. Zuber. 2,403,701; July 9.
Holder for cemetery use, Flower. K. Y. Messick. 2,399,498; Apr. 30.
Holder for containers. A. Dawson. 2,408,611; Oct. 1.
Holder for cords of electrical connectors. A. J. Schueneman. 2,406,567; Aug. 27.
Holder for dies, Alignment. R. O. Ferguson. 2,403,916; July 16.
Holder for dynamoelectric machines, Brush. W. C. Edmundson. 2,411,990; Dec. 3.
Holder for electric discharge devices, Protective. A. A. Olsen. 2,399,502; Apr. 30.
Holder for field ranges, Adjustable vessel. G. P. Wells. 2,394,574; Feb. 12.
Holder for filter leaves, Bag. H. E. Bergman. 2,399,784; May 7.
Holder for gauge lapping machines, Work. A. M. Drake. 2,405,346; Aug. 6.
Holder for Jacob's chuck attachment, Key. R. P. Magnenat. 2,396,922; Mar. 19.
Holder for labels, tags, and the like. W. Kahn. 2,412,405; Dec. 10.
Holder for ladders and the like, Container. G. Thorson. 2,394,823; Feb. 12.
Holder for lipsticks and the like. W. B. Crane. 2,395,535; Feb. 26.
Holder for miner's lamp. J. L. Hostetler. 2,399,030; Apr. 23.
Holder for mops and other devices. I. Hertzberg. 2,413,564; Dec. 31.
Holder for plates, Cup or glass. W. Weidler. 2,413,535; Dec. 31.
Holder for use in electric welding, Electrode. F. G. Ketelbey and G. Mason. 2,407,836; Sept. 17.
Holder for Venetian blinds, Tape. J. L. Hunter. 2,396,425; Mar. 12.
Holder for weft replenishing looms, Pneumatic thread. W. H. Wakefield. 2,401,593; June 4.
Holder for welding rods. C. Mankouski. 2,411,329; Nov. 19.
Holder or dop for holding diamonds, Diamond. L. Bartnovsky. 2,395,952; Mar. 5.
Holder with telescopic screw core, Expellant. J. W. Anderson. 2,395,710; Feb. 26.
Holding and ball release mechanism, Ball. I. Edelman. 2,403,590; July 9.
Holding and cutting device, Thread. L. K. Track. 2,402,696; June 25.
Holding and feeding device, Pad. M. Dessaur. 2,407,404; Sept. 10.
Holding device. J. W. Albin. 2,400,801; May 21.
Holding device. W. Blankner. 2,409,827; Oct. 22.
Holding device. T. E. Mead. 2,396,521; Mar. 12.
Holding device, Film. R. Sardeson and E. H. Savela. 2,410,131; Oct. 29.
Holding device, Glass. J. T. Miller. 2,411,691; Nov. 26.
Holding means, Work. G. L. Russell. 2,409,590; Oct. 15.
Hole cutting tool. L. A. Smith. 2,411,697; Nov. 26.
Hole lapping machine. A. D. Kutzler. 2,391,983; Jan. 1.
Hollow articles, Making. J. Dahle. 2,397,340; Mar. 26.
Hollow articles, Spinning. C. J. Burch. 2,406,059; Aug. 20.
Hollow building block. J. Roe. 2,392,552; Jan. 8.
Hollow glass articles, Apparatus for forming. O. H. Samuelson and A. T. Zappia. 2,398,465; Apr. 16.
Hollow headed articles, Cold working. P. P. Johnson. 2,392,152; Jan. 1.
Hollow hydraulic jack. W. S. Pine. 2,393,410; Jan. 22.
Hollow poppet valve. A. T. Colwell. 2,394,150; Feb. 5.
Hollow poppet valves, Making plug type. A. Townhill. 2,410,190; Oct. 29.
Hollow rivets, Tool for collapsing. R. S. Colley. 2,403,262; July 2.
Hollow valves, Making. S. H. Norton. 2,392,175; Jan. 1.
Holster. B. Engle. 2,410,640; Nov. 5.
Holster, Leather pistol. W. F. Oblemeyer. 2,396,118; Mar. 5.
Homogenizing machine. E. D. MacEwing. 2,397,281; Mar. 26.
Homo-mixer, Directional. L. C. Fisher. 2,393,360; Jan. 22.
Honey press. R. D. Bradshaw. 2,403,784; July 9.
Honing machine. E. F. Moon. 2,406,556; Aug. 27.
Honing machine. E. Y. Seborg, H. J. Caldwell, and S. F. Manning. 2,397,814; Apr. 2.
Honing, Method and apparatus for. J. O. Olsen. 2,403,546; July 9.
Honing tool. J. E. Kline. 2,411,545; Nov. 26.
Honing tool. G. E. Strahm. 2,403,409; July 2.
Hood cap. K. R. Allen. 2,396,225; Mar. 12.
Hood construction, Furnace. E. H. Van der Pyl and J. A. Upper. 2,402,190; June 18.
Hood for airplane cabins, Quick-release. J. Martin. 2,394,425; Feb. 5.
Hood, Respiratory spray. C. Wright. 2,410,593; Nov. 5.
Hook: *See*—
Arch hook.
Arresting hook.
Automatic hook.
Ingot hook.
Lock hook.
Log loading hook.
Manually operated arresting hook.
Wire hook.

Hook and hook retainer assembly. A. B. Schultz and W. B. Burkhart. 2,402,919; June 25.
Hook and utility hanger, Clothes. R. J. Lukeman. 2,395,131; Feb. 19.
Hook coupling. P. P. Dilbert. 2,392,368; Jan. 8.
Hook for aircraft and the like, Release. L. C. Leslie. 2,396,921; Mar. 19.
Hook for double heddle bars. F. W. Hollingsworth, Jr. 2,394,178; Feb. 5.
Hook for double heddle bars. F. W. Hollingsworth, Jr. 2,397,788; Apr. 2.
Hook for garment hangers. C. N. Bergstrom. 2,395,032; Feb. 19.
Hopper construction. E. L. Hopping. 2,409,567; Oct. 15.
Hopper for use on automatic guns, Ammunition. D. W. Molins and F. F. Ruau. 2,401,654; June 4.
Hopper, Material dispensing. R. A. Dawson. 2,401,913; June 11.
Horizon for sighting instruments, Artificial. B. E. Luboshez. 2,410,667; Nov. 5.
Horizontal injection press. W. R. Tucker. 2,392,203; Jan. 1.

Horizontal pot type burner. B. Hayter and S. Perry. 2,393,248; Jan. 22.
Hormone derivatives. G. A. Grant and C. von Seemann. 2,392,660; Jan. 8.
Hormone intermediates and preparation of same. R. E. Marker. 2,409,293; Oct. 15.
Hormone preparations and preparing same. Water dispersible. A. E. Meyer. 2,394,628; Feb. 12.
Hormones, Preparing sex. R. E. Marker and E. L. Wittle. 2,397,424–6; Mar. 26.
Hormones, Recovering. J. W. Lee and F. E. Stirn. 2,398,185; Apr. 9.
Horn and electrode assembly, Spotweld. B. Gross and L. W. Cornwall. 2,399,797; May 7.
Horn mechanism, Wrap. O. Fregeolle. 2,402,745; June 25.
Horse control. P. McAuliffe. 2,392,053; Jan. 1.
Horse Folding. H. C. Campbell. 2,412,716; Dec. 17.
Horse Scaffold. W. Ashenfelter. 2,410,330; Oct. 29.
Hose and manufacture thereof. M. Balkin. 2,392,967; Jan. 15.
Hose clamp. F. L. and K. A. Hill. 2,395,273; Feb. 19.
Hose clamp. G. Meyer. 2,403,606; July 9.
Hose clamp. G. Meyer and C. G. Woodmansee. 2,403,449; July 9.
Hose clamp. G. A. Tinnerman. 2,402,710; June 25.
Hose clamp. M. J. Zaleske. 2,392,210; Jan. 1.
Hose coupling. C. L. Conroy. 2,399,791; May 7.
Hose coupling. R. R. Gunderson. 2,393,679; Jan. 29.
Hose coupling. G. G. Howard. 2,403,368; July 2.
Hose coupling. J. S. Robbins. 2,411,057; Nov. 12.
Hose coupling. J. G. Vartanian. 2,408,243; Sept. 24.
Hose coupling unit. R. E. Bynoe. 2,394,363; Feb. 5.
Hose mending tool. T. R. Schultz. 2,395,646; Feb. 26.
Hose pump. H. A. Arnold. 2,406,485; Aug. 27.
Hoses, End fitting for flexible. R. J. Fisher and W. H. J. Brock. 2,401,921; June 11.
Hosiery. S. C. Mack. 2,409,138; Oct. 8.
Hosiery and making same, Circular knit. B. J. Faucette. 2,390,166; Mar. 5.
Hosiery drier. S. Heath and W. E. Greenlee. 2,405,746; Aug. 13.
Hosiery, Manufacture of full-fashioned. C. Richter. 2,395,908; Mar. 5.
Hospital equipment. T. B. Merwin. 2,394,091; Feb. 5.
Hot-air furnace. J. C. Miles. 2,408,087; Sept. 24.
Hot coated strip, Treatment for. K. Oganowski. 2,398,034; Apr. 9.
Hot line clamp. G. E. Wadsworth. 2,397,390; Mar. 26.
Hot melt-coating composition. M. Salo and H. F. Vivian. 2,410,685; Nov. 5.
Hot metal mixer. H. L. McFeaters. 2,395,569; Feb. 26.
Hot-water bag. B. Christenson. 2,411,677; Nov. 26.
House and bird-feeding device, Bird. D. B. Hyde. 2,392,532; Jan. 8.
Housing, Electrical condenser. J. A. Leno and W. J. Stray. 2,397,551; Apr. 2.
Housing for locomotives or the like, Engine. J. M. Milbeizler. 2,407,506; Sept. 10.
Housing for suction cleaners, Split cast cylindrical. E. A. French and G. Sporney. 2,403,970; July 16.
Housings, Securing and sealing means for meter box. J. A. Obermaier. 2,412,418; Dec. 10.
Hub and axle assembly for floating axles, Rear. E. J. Bourgeois. 2,403,494; July 9.
Hub, Clamping. E. V. Crane and H. F. Johnson. 2,396,169; Feb. 19.
Hub for hose reels and the like. D. M. Phillips. 2,412,287; Dec. 10.
Hull construction. K. F. J. Kirsten. 2,396,428; Mar. 12.
Huller Nut. C. G. Leonard. 2,397,021; Mar. 19.
Human carrier. W. J. Maloney. 2,407,714; Sept. 17.
Humidifier. W. Feldermann. 2,399,862; May 7.
Humidifier. G. W. Skilbeck. 2,395,512; Feb. 26.
Humidifier for internal-combustion engines. J. F. Talbott. 2,412,016; Dec. 3.
Humidifier system. H. L. Galson. 2,395,660; Feb. 26.
Humidifying apparatus and control therefor. G. Brown. 2,402,488; June 18.
Humidity, Measurement and control of. C. A. Mabey 2,400,427; May 14.
Husking rolls. J. L. Aasland. 2,413,279; Dec. 31.
Hydantoin, Preparation of. W. F. Gresham and C. E. Schweitzer. 2,402,134; June 18.
Hydantoins and obtaining the same. L. M. Long. 2,404,509–10; July 23.
Hydantoins, Chlorinated. A. O. Rogers. 2,398,599; Apr. 16.
Hydantoins, Obtaining. H. R. Henze. 2,409,754; Oct. 22.
Hydracrylic acid, Manufacture of. H. S. Davis. 2,410,776; Nov. 5.
Hydration, Gas. J. F. Crowther. 2,399,723; May 7.
Hydraulic accumulators, Strainer insert for. J. Mercier. 2,399,444; Apr. 30.
Hydraulic apparatus. V. V. Blasutta. 2,409,185; Oct. 15.
Hydraulic apparatus. F. J. Wright. 2,401,397; June 4.
Hydraulic apparatus. F. J. Wright. 2,409,091; Oct. 8.
Hydraulic apparatus. F. J. Wright. 2,410,375; Oct. 29.
Hydraulic barker for slabs. F. H. Swift. 2,413,341; Dec. 31.
Hydraulic brake. N. A. Christensen. 2,396,155; Mar. 5.
Hydraulic brake. H. C. Hill. 2,407,699; Sept. 17.
Hydraulic brake systems, Safety control for. C. W. Haggart. 2,402,748; June 25.
Hydraulic braking system. W. Stelzer. 2,396,897; Mar. 19.
Hydraulic clutch. H. E. Morton. 2,409,995; Oct. 22.
Hydraulic control, Dump truck. J. C. Monahan. 2,401,498; June 4.
Hydraulic control valve. W. T. Stephens. 2,392,421–3; Jan. 8.
Hydraulic controling mechanism. C. de Ganahl, P. H. Stafford, and G. D. Conlee. 2,396,643; Mar. 19.
Hydraulic coupling. P. H. Batten. 2,400,093; May 14.
Hydraulic coupling. R. A. Carlson and B. A. Swennes. 2,402,369; June 18.
Hydraulic coupling. W. J. Crites. 2,409,256; Oct. 15.
Hydraulic crane. F. A. Sherman. 2,392,004; Jan. 1.
Hydraulic damping device. C. C. S. LeClair. 2,412,277; Dec. 10.
Hydraulic device. G. S. Light. 2,396,052; Mar. 5.
Hydraulic device. R. J. Parsons. 2,408,338; Sept. 24.
Hydraulic drive. F. O. Emmitt. 2,394,160; Feb. 5.
Hydraulic drive. A. A. Fiddler. 2,403,214; July 2.
Hydraulic drive unit. G. E. Thompson. 2,395,355; Feb. 19.
Hydraulic fluids. R. C. Morris, E. C. Shokal, and A. V. Snider. 2,394,251; Feb. 5.
Hydraulic Internal line-up clamp. B. V. Elliott and H. C. Price. 2,408,255; Sept. 24.
Hydraulic jack. O. J. Borngesser. 2,410,771; Nov. 5.
Hydraulic jack. J. J. Mueller. 2,412,414; Dec. 10.
Hydraulic jack. H. E. Page. 2,402,572; June 25.
Hydraulic lash adjuster. H. F. Barr. 2,394,354; Feb. 5.
Hydraulic lift jack. H. E. Page. 2,393,405; Jan. 22.
Hydraulic log-barking machine. H. E. Bukowsky. 2,395,845; Mar. 5.
Hydraulic machine. W. S. Galloway and J. Anderson. 2,411,258; Nov. 19.
Hydraulic mechanism. A. J. Banning. 2,408,328; July 2.
Hydraulic mechanism. J. A. H. Barkelj. 2,410,333; Oct. 29.
Hydraulic motor. T. C. Bertoglio. 2,395,092; Feb. 19.
Hydraulic motor. O. E. Rosen. 2,393,223; Jan. 15.
Hydraulic movement transmitting system. E. R. Robertson. 2,399,296; Apr. 30.
Hydraulic operating and control mechanism. C. E. Linden and R. H. McClellan. 2,393,918; Jan. 29.
Hydraulic operation of mechanism. H. Schreck. 2,396,392; Mar. 12.
Hydraulic operator. W. R. Ray. 2,399,294; Apr. 30.
Hydraulic power lift. C. G. Strandlund. 2,394,117; Feb. 5.
Hydraulic press. R. J. Hess and F. G. Cizek. 2,410,581; Nov. 5.
Hydraulic press. W. P. Muir. 2,403,391; July 2.
Hydraulic pressure system. H. H. Logan. 2,396,864; Mar. 19.
Hydraulic pump. W. Messinger. 2,403,292; July 2.
Hydraulic pump. K. E. and C. D. Pyne, and D. L. Leadbeater. 2,407,343; Sept. 10.
Hydraulic pump. C. J. Strid. 2,404,547; July 23.
Hydraulic rapid traverse. O. and H. O. Kylin and M. L. Valentino. 2,400,237; May 14.
Hydraulic relief valve. C. E. Tweedle. 2,408,708; Oct. 1.
Hydraulic remote-control system. J. W. Kelly. 2,397,270; Mar. 26.
Hydraulic safety valve. G. M. Lutes and T. J. Landt. 2,402,171; June 18.
Hydraulic selector valve. O. A. Kehle. 2,409,765; Oct. 22.
Hydraulic servomotor. E. Dodson. 2,399,474; Apr. 30.
Hydraulic system. A. H. Adams and T. S. Tucker. 2,409,175; Oct. 15.
Hydraulic system. J. A. Broadston and R. B. Sprague. 2,396,984; Mar. 19.
Hydraulic system. W. Ernst. 2,410,869; Nov. 12.
Hydraulic system. H. Hermanny. 2,396,653; Mar. 19.
Hydraulic system. J. W. Kelly. 2,410,978; Nov. 12.
Hydraulic system. H. W. Rockwell. 2,402,449; June 18.
Hydraulic system. W. R. Tucker. 2,399,520; Apr. 30.
Hydraulic timing mechanism. R. E. Price. 2,392,261; Jan. 1.
Hydraulic torque device, Rotary. H. and A. G. Schneider. 2,410,185; Oct. 29.
Hydraulic torque wrench. H. E. Page. 2,398,392; Apr. 16.
Hydraulic transmission. P. C. Temple. 2,393,128; Jan. 15.
Hydraulic transmission. E. Wiedmann. 2,397,395; Mar. 26.
Hydraulic transmission control. L. C. Blair. 2,393,882; Jan. 29.
Hydraulic transmission, Variable-speed. R. S. Segsworth. 2,393,479; Jan. 22.
Hydraulic valve. G. S. Light. 2,398,542; Apr. 16.
Hydraulic valve. J. B. Van Der Werff. 2,393,076; Jan. 15.
Hydraulic wheel brake system, Self-energizing. C. B. Livers. 2,400,587; May 21.
Hydraulically controlled machine tool. W. R. Tucker. 2,406,482; Aug. 27.

Hydraulically operated rotating clutch. K. A. Browne. 2,396,361; Mar. 12.
Hydrides, Production of metal. P. P. Alexander. 2,401,323; June 4.
Hydrides, Production of metal. F. P. Archibald and P. P. Alexander. 2,401,326; June 4.
Hydrocarbon alkylation, Aromatic. J. Anderson, E. F. Bullard, and S. H. McAllister. 2,396,144; Mar. 5.
Hydrocarbon catalyzing process. R. E. Burk and E. C. Hughes. 2,410,044; Oct. 29.
Hydrocarbon combustion tube burner. R. M. Sherman. 2,411,342; Nov. 19.
Hydrocarbon compounds of arsenic, Long chain aliphatic. E. A. H. Friedheim. 2,396,258; Mar. 12.
Hydrocarbon conversion. A. Belcheiz. 2,408,725; Oct. 8.
Hydrocarbon conversion. W. H. Claussen and T. M. Powell. 2,404,902; July 30.
Hydrocarbon conversion. H. O. Folkins and C. M. Thacker. 2,402,034; June 11.
Hydrocarbon conversion. F. E. Frey. 2,393,857; Jan. 29.
Hydrocarbon conversion. K. H. Hachmuth. 2,396,173; Mar. 5.
Hydrocarbon conversion. K. H. Hachmuth and D. G. Blaker. 2,401,242; May 28.
Hydrocarbon conversion. E. T. Layng and S. Goldwasser. 2,392,248; Jan. 1.
Hydrocarbon conversion. M. M. Marisic. 2,394,796; Feb. 12.
Hydrocarbon conversion. H. J. Passino. 2,396,965–6; Mar. 19.
Hydrocarbon conversion. M. M. Perkins and B. Sellmeyer. 2,400,437; May 14.
Hydrocarbon conversion. C. L. Thomas. 2,402,854; June 25.
Hydrocarbon conversion and apparatus. H. R. Markley. 2,405,364; Aug. 6.
Hydrocarbon conversion and fractionation system. W. C. Edmister and D. H. Pollock. 2,398,496; Apr. 16.
Hydrocarbon conversion, Catalytic. W. A. Schulze. 2,406,112; Aug. 20.
Hydrocarbon conversion, Method and apparatus for. L. P. Evans and F. E. Ray. 2,393,893; Jan. 29.
Hydrocarbon conversion, Method and apparatus for. L. P. Evans. 2,412,135; Dec. 3.
Hydrocarbon conversion, Method and apparatus for. L. P. Evans and F. E. Ray. 2,412,136; Dec. 3.
Hydrocarbon conversion, Nondestructive. F. C. Neuhart. 2,405,097; July 30.
Hydrocarbons, Conversion of. L. A. Mekler. 2,408,943; Oct. 8.
Hydrocarbon conversion process. E. Gorin. 2,407,828; Sept. 17.
Hydrocarbon conversion process. D. Read, Jr. 2,408,580; Oct. 1.
Hydrocarbon conversion process. W. A. Schulze. 2,398,674; Apr. 16.
Hydrocarbon conversion system. B. L. Evering and E. L. d'Ouville. 2,400,922; May 28.
Hydrocarbon cracking process with successive additions of adsorbent. A. D. Smith. 2,408,584; Oct. 1.
Hydrocarbon dehydrogenation and hydrogenation process, Combination. A. S. Ramage. 2,409,587; Oct. 15.
Hydrocarbon fluid, Treating. P. E. Kuhl and R. M. Shepardson. 2,405,959; Aug. 20.
Hydrocarbon fluids, Treating. H. Z. Martin. 2,396,109; Mar. 5.
Hydrocarbon fluids, Treating. H. Z. Martin. 2,399,050; Apr. 23.
Hydrocarbon fluids, Treating. J. C. Munday. 2,412,645; Dec. 17.
Hydrocarbon from a mixture containing other hydrocarbons, Extracting an aromatic. B. S. Friedman. 2,403,972; July 16.
Hydrocarbon gases, Treatment of. J. G. Alther. 2,400,621; May 21.
Hydrocarbon isomerization. R. W. Henry. 2,400,090; May 14.
Hydrocarbon, Isomerization of. G. Egloff. 2,402,807; June 25.
Hydrocarbon isomerization process. C. O. Tongberg. 2,403,314; July 2.
Hydrocarbon liquid, Conversion of heavy. E. Hene. 2,412,983; Dec. 24.
Hydrocarbon material, Concentrating unsaturated. F. W. Breuer. 2,395,957; Mar. 5.
Hydrocarbon material with an alkali or alkaline earth metal, Refining unsaturated. F. J. Soday. 2,413,254; Dec. 24.
Hydrocarbon materials, Treatment of aromatic. M. P. Matuszak. 2,408,173; Sept. 24.
Hydrocarbon mixture, Chlorination of. C. M. Hull and E. L. d'Ouville. 2,403,179; July 2.
Hydrocarbon mixtures, catalytic reforming of. A. C. Byrns. 2,393,288; Jan. 22.
Hydrocarbon mixtures containing same, Recovery of olefins and/or diolefins from. N. K. Chaney. 2,395,954; Mar. 5.
Hydrocarbon mixtures, Separation of olefins and/or diolefins from. F. J. Soday. 2,395,955; Mar. 5.
Hydrocarbon mixtures, Solvent extraction of unsaturated. C. A. Coghlan. 2,411,025; Nov. 12.
Hydrocarbon oil, Conversion of. E. C. Lee and C. L. Thomas. 2,406,613–14; Aug. 27.
Hydrocarbon oils, Catalytic cracking of. C. L. Brown. 2,412,868; Dec. 17.
Hydrocarbon oils, Catalytic treatment of. R. M. Cole. 2,406,200; Aug. 20.
Hydrocarbon oils, Conversion of. L. E. Carlsmith. 2,391,944; Jan. 1.
Hydrocarbon oils, Conversion of. G. C. Connolly. 2,398,773; Apr. 23.
Hydrocarbon oils, Conversion of. S. H. Hulse. 2,402,893; June 25.
Hydrocarbon oils, Conversion of. C. E. Jahnig. 2,407,371; Sept. 10.
Hydrocarbon oils, Conversion of. H. Z. Martin. 2,406,555; Aug. 27.
Hydrocarbon oils, Cracking and coking. J. M. Barron. 2,406,312; Aug. 27.
Hydrocarbon oils, Cracking and coking of. J. M. Barron. 2,406,313; Aug. 27.
Hydrocarbon oils, Cracking of. C. W. Tyson. 2,411,603; Nov. 26.
Hydrocarbon oils, Desalting of. N. L. Dickinson. 2,406,748; Sept. 3.
Hydrocarbon oils, Desulphurization of. E. W. S. Nicholson and A. K. Redcay. 2,409,690; Oct. 22.
Hydrocarbon oils, Refining of low-grade. E. H. Records. 2,412,427; Dec. 10.
Hydrocarbon products, Production of unsaturated. F. S. Rostler, V. M. Wilson, and H. I. du Pont. 2,410,839; Nov. 12.
Hydrocarbon reconstruction. F. E. Frey. 2,403,649; July 9.
Hydrocarbon softened olefinic polymer. I. E. Lightbown and N. S. Beekley, Jr. 2,392,855; Jan. 15.
Hydrocarbon-substituted polysiloxane resin compositions containing lead monoxide, Curing. A. L. Jenny. 2,410,737; Nov. 5.
Hydrocarbon sulfonates, Production of aliphatic. R. C. Taylor. 2,413,199; Dec. 24.
Hydrocarbon waxes, Refining of petroleum. A. Kinsel. 2,392,853; Jan. 15.
Hydrocarbonaceous solids, Treatment of. R. B. Day. 2,406,810; Sept. 3.
Hydrocarbons, Alkylating aromatic. R. E. Burk and E. C. Hughes. 2,399,662; May 7.
Hydrocarbons, Alkylation of. L. A. Clarke. 2,402,126; June 18.
Hydrocarbons, Alkylation of. L. A. Clarke. 2,407,136–7; Sept. 3.
Hydrocarbons, Alkylation of. L. A. Clarke. 2,409,544; Oct. 15.
Hydrocarbons, Alkylation of. J. D. Danforth. 2,410,151; Oct. 29.
Hydrocarbons, Alkylation of. G. B. Hatch, E. F. Pevere, L. A. Clarke, and F. H. Bruner. 2,413,105; Dec. 24.
Hydrocarbons, Alkylation of. E. F. Pevere, L. A. Clarke, and G. B. Hatch. 2,396,198; Mar. 5.
Hydrocarbons, Alkylation of. L. Schmerling and V. N. Ipatieff. 2,404,536; July 23.
Hydrocarbons, Alkylation of. E. W. Thiele. 2,398,869; Apr. 23.
Hydrocarbons, Alkylation of aromatic. E. F. Bullard, J. Anderson, and S. H. McAllister. 2,405,874; Aug. 13.
Hydrocarbons, Alkylation of aromatic. R. E. Schaad. 2,412,229–30; Dec. 10.
Hydrocarbons, Alkylation of isoparaffinic. C. B. Linn. 2,398,905; Apr. 23.
Hydrocarbons, Alkylation of isoparaffinic. C. B. Linn. 2,406,086; Aug. 20.
Hydrocarbons, Alkylation of isoparaffinic. C. B. Linn. 2,406,954; Sept. 3.
Hydrocarbons, Alkylation of paraffin. A. V. Grosse and C. B. Linn. 2,396,844; Mar. 19.
Hydrocarbons, Alkylation of paraffin. A. V. Grosse and C. B. Linn. 2,411,992; Dec. 3.
Hydrocarbons, Alkylation of paraffin. H. C. Mayland. 2,404,393; July 23.
Hydrocarbons, Aromatizing. C. H. Holder and A. B. Welty, Jr. 2,392,738; Jan. 8.
Hydrocarbons at high rates of heat input, Conversion of. P. Siecke. 2,406,640; Aug. 27.
Hydrocarbons, Averaging. R. E. Burk. 2,405,996; Aug. 20.
Hydrocarbons by distillation, Separation of. G. R. Lake. 2,406,695; Aug. 27.
Hydrocarbons by gel-type catalysts, Catalysis. R. E. Burk and E. C. Hughes. 2,412,600; Dec. 17.
Hydrocarbons by reacting an alkyl aluminum halide with an aliphatic halide, Synthesis of paraffinic. R. T. Sanderson. 2,404,599; July 23.
Hydrocarbons, Catalytic conversion of. H. V. Atwell and H. H. Gross. 2,408,186; Sept. 24.
Hydrocarbons, Catalytic conversion of. S. C. Carney. 2,408,294; Sept. 24.
Hydrocarbons, Catalytic conversion of. C. G. Gerhold and J. E. Burgess. 2,409,751; Oct. 22.
Hydrocarbons, Catalytic conversion of. N. B. Haskell. 2,406,681; Aug. 27.
Hydrocarbons, Catalytic conversion of. M. M. Marisic. 2,400,465; May 14.

Hydrocarbons, Catalytic conversion of. E. F. Pevere. 2,411,054; Nov. 12.
Hydrocarbons, Catalytic convertion of. L. P. Scoville and J. A. Davies. 2,396,723; Mar. 19.
Hydrocarbons, Catalytic conversion of. P. L. Veltman. 2,406,721; Aug. 27.
Hydrocarbons, Catalytic dehydrogenation of. K. K Kearby. Re. 22,800; Oct. 8.
Hydrocarbons, Catalytic polymerization of unsaturated. F. J. Soday. 2,394,641; Feb. 12.
Hydrocarbons, Catalytic treatment of. H. R. Warrick. 2,413,271; Dec. 24.
Hydrocarbons, Chlorination of saturated. F. M. Archibald and H. O. Mottern. 2,393,509; Jan. 22.
Hydrocarbons, Conversion of. G. B. Arnold. 2,400,732; May 21.
Hydrocarbons, Conversion of. R. T. Bell, H. O. Folkins, and C. M. Thacker. 2,394,654; Feb. 12.
Hydrocarbons, Conversion of. R. T. Bell, H. O. Folkins, and C. M. Thacker. 2,397,638; Apr. 2.
Hydrocarbons, Conversion of. W. S. Bonnell and W. W. Weinrich. 2,399,093; Apr. 23.
Hydrocarbons, Conversion of. L. W. Cook. 2,398,819; Apr. 23.
Hydrocarbons, Conversion of. R. B. Day. 2,403,342; July 2.
Hydrocarbons, Conversion of. H. O. Folkins. 2,399,174; Apr. 30.
Hydrocarbons, Conversion of. F. E. Frey. 2,411,256; Nov. 19.
Hydrocarbons, Conversion of. C. J. Giuliani and C. H. Angell. 2,409,353; Oct. 15.
Hydrocarbons, Conversions of. V. Haensel and V. N. Ipatieff. 2,399,224; Apr. 30.
Hydrocarbons, Conversion of. J. M. Mavity. 2,406,622; Aug. 27.
Hydrocarbons, Conversion of. F. J. Moore. 2,402,830; June 25.
Hydrocarbons, Conversion of. A. G. Peterkin. 2,396,285; Mar. 12.
Hydrocarbons, Conversion of. J. F. Sturgeon. 2,397,218; Mar. 26.
Hydrocarbons, Conversion of. R. B. Thompson. 2,404,934; July 30.
Hydrocarbons, Conversion of alkylated aromatic. A. P. Lien and B. H. Shoemaker. 2,397,495; Apr. 2.
Hydrocarbons, Conversion of fluid. C. H. Angell. 2,398,759; Apr. 23.
Hydrocarbons, Conversion of naphthene. R. F. Marschner. 2,396,331; Mar. 12.
Hydrocarbons, Conversion of normally gaseous. E. Gorin. 2,396,697; Mar. 19.
Hydrocarbons, Converting. A. V. Danner. 2,407,817; Sept. 17.
Hydrocarbons, Converting. H. O. Folkins and C. M. Thacker. 2,411,200; Nov. 19.
Hydrocarbons, Copolymers of chlorotrifluoroethylene and olefin. W. E. Hanford. 2,392,378; Jan. 8.
Hydrocarbons, Dehydrogenating. A. Voorhies, Jr. 2,408,131; Sept. 24.
Hydrocarbons, Dehydrogenation of. R. C. Archibald. 2,394,739; Feb. 12.
Hydrocarbons, Dehydrogenation of. K. K. Kearby. 2,395,875; Mar. 5.
Hydrocarbons, Dehydrogenation of. K. K. Kearby. 2,407,373; Sept. 10.
Hydrocarbons, Dehydrogenation of. K. K. Kearby. 2,408,146; Sept. 24.
Hydrocarbons, Dehydrogenation of. W. A. Schulze and J. C. Hillyer. 2,395,016; Feb. 19.
Hydrocarbons, Destructive hydrogenation of polycyclic. V. N. Ipatieff and H. Pines. 2,394,691; Feb. 12.
Hydrocarbons, Desulphurization of aromatic. R. M. Cole. 2,394,751; Feb. 12.
Hydrocarbons, Desulphurizing. G. R. Lake. 2,405,258; Aug. 6.
Hydrocarbons from a sludge, Recovery of. H. S. Bloch. 2,413,310; Dec. 31.
Hydrocarbons from gases, Recovering volatile. F. G. Noble. 2,409,691; Oct. 22.
Hydrocarbons from hydrocarbon mixture, Preparation of aromatic. E. A. Naragon. 2,404,591; July 23.
Hydrocarbons from hydrocarbon mixtures, Separation of aromatic. G. B. Arnold. 2,400,802; May 21.
Hydrocarbons from hydrocarbon mixtures, Separation of aromatic. H. V. Atwell and Du B. Eastman. 2,403,485; July 9.
Hydrocarbons from mixtures containing same, Recovery of unsaturated. F. J. Soday. 2,395,956; Mar. 5.
Hydrocarbons from water miscible liquids by distillation and washing, Separation of. W. H. Rupp and R. O. Wright. 2,411,808; Nov. 26.
Hydrocarbons, Halogenation of aromatic. A. S. Brunjes and M. J. P. Bogart. 2,395,777; Feb. 26.
Hydrocarbons, Hydrogenation of. N. F. Linn. 2,392,750; Jan. 8.
Hydrocarbons, Hydroxylation of aromatic. N. A. Milas. 2,395,638; Feb. 26.
Hydrocarbons into organic sulphur compounds, Converting. C. M. Thacker. 2,411,236; Nov. 19.
Hydrocarbons, Isomerization of. J. O. Iverson. 2,402,817; June 25.
Hydrocarbons, Isomerization of. J. O. Iverson. 2,404,499; July 23.
Hydrocarbons, Isomerization of. J. W. Loy. 2,403,811; July 9.
Hydrocarbons, Isomerization of. N. E. Peery. 2,394,803; Feb. 12.
Hydrocarbons, Isomerization of low-boiling saturated. J. P. Jones. 2,403,181; July 2.
Hydrocarbons, Isomerization of paraffinic. U. Tsao. 2,400,669; May 21.
Hydrocarbons, Isomerization of saturated. J. D. Danforth. 2,412,675; Dec. 17.
Hydrocarbons, Isomerization of saturated. E. R. Kanhofer. 2,394,694; Feb. 12.
Hydrocarbons, Isomerization of saturated. H. Pines. 2,405,516; Aug. 6.
Hydrocarbons, Isomerization of saturated. H. Pines. 2,406,967; Sept. 3.
Hydrocarbons, Isomerization of saturated. H. Pines and R. C. Wackher. 2,406,633-4; Aug. 27.
Hydrocarbons, Isomerization of saturated. I. L. Wolk. 2,405,386; Aug. 6.
Hydrocarbons, Isomerization of unsaturated. J. O. Iverson. 2,402,818; June 25.
Hydrocarbons, Isomerizing. H. A. Cheney and F. M. McMillan. 2,394,898; Feb. 12.
Hydrocarbons, Isomerizing. C. C. Crawford and W. E. Ross. 2,394,752; Feb. 12.
Hydrocarbons, Isomerizing. C. C. Crawford and D. L. Yabroff. 2,404,436; July 23.
Hydrocarbons, Isomerizing. M. Neuhaus. 2,404,649; July 23.
Hydrocarbons, Isomerizing. W. E. Ross and G. J. Carlson. 2,411,835; Nov. 26.
Hydrocarbons, Isomerizing. H. R. Warrick. 2,402,858; June 25.
Hydrocarbons, Manufacture of. L. Schmerling. 2,406,110; Aug. 20.
Hydrocarbons, Manufacture of. C. L. Thomas. 2,406,864; Sept. 3.
Hydrocarbons, Manufacture of aromatic. G. B. Arnold. 2,399,780; May 7.
Hydrocarbons, Manufacture of arylalkene. L. Schmerling and V. N. Ipatieff. 2,404,538; July 23.
Hydrocarbons, Manufacture of gasoline. L. A. Clarke. 2,401,859; June 11.
Hydrocarbons, Manufacture of gasoline. W. F. Claussen. 2,400,075; May 14.
Hydrocarbons, Manufacture of halogenated. D. G. Jones and M. Phillipson. 2,407,701; Sept. 17.
Hydrocarbons, Manufacture of high anti-knock. A. R. Goldsby. Re. 22,786; Sept. 3.
Hydrocarbons, Methylation of olefinic. F. F. Rust and W. E. Vaughan. 2,396,206; Mar. 5.
Hydrocarbons, Polymerization of. J. D. Grenko and L. R. Strawn. 2,404,628; July 23.
Hydrocarbons, Polymerization of. C. J. Randolph, Jr., and N. B. Haskell. 2,392,000; Jan. 1.
Hydrocarbons, Polymerization of. R. Rosen and E. and O. C. Slotterbeck. 2,396,753; Mar. 19.
Hydrocarbons, Preferential absorption of. M. R. Arnold. 2,395,529; Feb. 26.
Hydrocarbons, Preparation of branched chain. R. E. Burk. 2,408,752; Oct. 8.
Hydrocarbons, Preparing branch chain. W. R. Smith and A. R. Goldsby. 2,398,563; Apr. 16.
Hydrocarbons, Producing olefinic. A. W. Horton and J. Kellett, III. 2,406,688; Aug. 27.
Hydrocarbons, Production of. J. Anderson and R. C. Castner. 2,395,775; Feb. 26.
Hydrocarbons, Production of aromatic. R. Holroyd and D. H. P. Peel. 2,411,726; Nov. 26.
Hydrocarbons, Production of aromatic. J. A. Tilton. 2,396,761; Mar. 19.
Hydrocarbons, Production of branched chain. W. E. Ross. 2,394,810; Feb. 12.
Hydrocarbons, Production of branched chain paraffinic. L. Schmerling. 2,413,384; Dec. 31.
Hydrocarbons, Production of motor-fuel. F. E. Frey. 2,404,483; July 23.
Hydrocarbons, Prospecting for. F. W. Crawford. 2,398,580; Apr. 16.
Hydrocarbons, Recovery of. E. Buddrus and S. C. Carney. 2,412,765; Dec. 17.
Hydrocarbons, Recovery of valuable. A. L. Ward. 2,397,580; Apr. 2.
Hydrocarbons, Refining. Du B. Eastman. 2,395,806; Mar. 5.
Hydrocarbons, Separating. T. A. Petry and H. K. Holm. 2,400,654; May 21.
Hydrocarbons, Separating. C. E. Welling. 2,392,277; Jan. 1.
Hydrocarbons, Separating aromatic. E. L. Durrum. 2,407,820; Sept. 17.
Hydrocarbons, Separation of. K. H. Hachmuth. 2,411,264; Nov. 19.
Hydrocarbons, Separation of. M. R. Lipkin. 2,398,101; Apr. 9.
Hydrocarbons, Separation of. C. E. Welling. 2,395,362; Feb. 19.

Hydrocarbons, Stabilization of petroleum. C. J. Pedersen and R. O. Bender. 2,401,957; June 11.
Hydrocarbons suitable for motor fuels, Manufacture of liquid. J. R. Rose. 2,412,837; Dec. 17.
Hydrocarbons, Synthesis of. E. W. M. Fawcett and G. I. Jenkins. 2,405,565; Aug. 13.
Hydrocarbons, Thermally reacting. F. E. Frey, H. J. Hepp, and G. H. Morey. 2,401,922; June 11.
Hydrocarbons, Treating. O. L. Davis, and A. C. Nixon. 2,411,083; Nov. 12.
Hydrocarbons, Treating. T. F. Doumani and C. H. O. Berg. 2,394,849; Feb. 12.
Hydrocarbons, Treating. A. C. Nixon and D. L. Yabroff. 2,411,105; Nov. 12.
Hydrocarbons, Treating. W. W. Odell. 2,412,096; Dec. 3.
Hydrocarbons, Treating. J. R. Schonberg and H. J. Moyer. 2,392,773; Jan. 8.
Hydrocarbons, Treating. I. L. Wolk. 2,407,861; Sept. 17.
Hydrocarbons, Treatment of. S. S. Allender. 2,392,896; Jan. 15.
Hydrocarbons, Treatment of. R. E. Burk. 2,408,753; Oct. 8.
Hydrocarbons, Treatment of. J. R. Fleming. 2,393,895; Jan. 29.
Hydrocarbons, Treatment of. F. E. Frey. 2,403,714; July 9.
Hydrocarbons, Treatment of. A. V. Grosse and C. B. Linn. 2,392,915; Jan. 15.
Hydrocarbons, Treatment of. A. V. Grosse and W. J. Mattox. 2,394,170; Feb. 5.
Hydrocarbons, Treatment of. H. R. Legatski. 2,410,223; Oct. 29.
Hydrocarbons, Treatment of. H. Pines and H. S. Bloch. 2,408,950; Oct. 8.
Hydrocarbons, Treatment of. L. Schmerling and V. N. Ipatieff. 2,404,537; July 23.
Hydrocarbons, Treatment of. W. A. Schulze and G. H. Short. 2,398,468; Apr. 16.
Hydrocarbons, Treatment of. C. L. Thomas and V. Haensel. 2,410,111; Oct. 29.
Hydrocarbons, Treatment of. R. B. Thompson and J. A. Chenicek. 2,397,820; Apr. 2.
Hydrocarbons, Treatment of. J. D. Upham. 2,404,551; July 23.
Hydrocarbons, Treatment of. D. C. Walsh, Jr., and E. Q. Camp. 2,397,224; Mar. 26.
Hydrocarbons, Treatment of aromatic. L. Schmerling and A. M. Duriniski. 2,402,092; June 11.
Hydrocarbons, Utilization of. M. S. Taggart, Jr. 2,396,900; Mar. 19.
Hydrocarbons with acid-acting metallic halides, Refining of aromatic. F. J. Soday. 2,413,260; Dec. 24.
Hydrocarbons with suspended catalysts, Conversion of. E. A. Johnson. 2,393,636; Jan. 29.
Hydrochloride compositions, Rubber. J. P. Chittum and G. E. Hulse. 2,405,343; Aug. 6.
Hydrochloride, Direct production of rubber. H. F. Reeves, Jr., and T. M. Andrews. 2,393,870; Jan. 29.
Hydrochloride, Vulcanized rubber. H. F. Reeves, Jr., and T. M. Andrews. 2,393,871; Jan. 29.
Hydrogels, Drying of. K. F. Hayden, P. D. Valas, and H. G. Daley. 2,397,350; Mar. 26.
Hydrogen chloride manufacture. R. B. Mason and J. A. Pierce. 2,403,735; July 9.
Hydrogen cyanide with carboxylic acid esters of alpha, beta-unsaturated alcohols, Reaction of. E. K. Ellingboe. 2,397,341; Mar. 26.
Hydrogen fluoride alkylation of paraffins. J. C. Bolinger. A. K. Brumbaugh, and J. H. Curtis. 2,400,386; May 14.
Hydrogen fluoride alkylation process. J. O. Iverson. 2,408,933; Oct. 8.
Hydrogen fluoride, Recovery of. L. S. Kassel. 2,392,048; Jan. 1.
Hydrogen halide recovery. L. S. Kassel. 2,392,047; Jan. 1.
Hydrogen halide, Recovery of. A. J. Shmidl. 2,397,760; Apr. 2.
Hydrogen halide, Recovery of. E. F. Wadley. 2,397,769; Apr. 2.
Hydrogen halides from gases, Recovery of. E. F. Wadley. 2,397,768; Apr. 2.
Hydrogen halides from hydrocarbon conversion products, Removal of. G. B. Zimmerman. 2,401,678; June 4.
Hydrogen in submarine atmospheres, Detecting free. J. D. Morgan and A. P. Sullivan. 2,412,627; Dec. 17.
Hydrogen sulfide determination, Method and apparatus for. W. E. Stackhouse. 2,413,261; Dec. 24.
Hydrogen sulphide from gas streams, Removal of. R. E. Reitmeier. 2,405,672; Aug. 13.
Hydrogenation catalysts and preparation. F. K. Signaigo. 2,402,683-4; June 25.
Hydrogenation of halogenosilanes. D. T. Hurd. 2,406,605; Aug. 27.
Hydrogenation process. B. S. Greensfelder and W. H. Peterson. 2,402,493; June 18.
Hydrolysate-neutralization process. P. D. V. Manning. 2,405,223; Aug. 6.
Hydrolysis of aliphatic sulphonyl chlorides. T. E. Dillon. 2,408,300; Sept. 24.
Hydrolysis of halogen containing compounds. R. M. Joyce, Jr. 2,398,430; Apr. 16.
Hydrolyzed polymers. J. R. Roland, Jr. 2,399,653; May 7.
Hydromechanical gear, Combined. H. Benz and F. Kugel. 2,392,520; Jan. 8.
Hydronamic machine. W. Ferris and A. R. Grad. 2,406,138; Aug. 20.
Hydroperoxides, Production of organic. W. E. Vaughan and F. F. Rust. 2,403,772; July 9.
Hydrophilic material and product, Treatment of. R. C. Nelson. 2,412,282; Dec. 10.
Hygroscopic inorganic compounds, Crystallizing. V. R. Kokatnur. 2,394,244; Feb. 5.
Hygroscopic material dispenser. W. F. Gallagher. 2,408,058; Sept. 24.
Hydroxyacetylated drastically-oxidized ricinoleic acid compounds and making same. M. De Groote, B. Keiser, and A. F. Wirtel. 2,406,206; Aug. 20.
Hydroxy acids, Manufacture of. K. H. W. Tuerck and H. J. Lichtenstein. 2,411,700; Nov. 26.
Hydroxyarylamino triazines, Preparing. G. F. D'Alelio. 2,393,755; Jan. 29.
Hydroxy-di-(dihydronordicyclopentadiene). H. A. Bruson. 2,404,787; July 30.
Hydroxylated cyclopentano polyhydrophenanthrene compounds and making the same. H. H. Inhoffen. 2,409,043; Oct. 8.
Hydroxylating pot type burner. B. Hayter. 2,405,212; Aug. 6.
Hydroxy-pyridine derivatives. M. Hoffer. 2,400,045; May 7.
Hypodermic needle case. H. L. Swan. 2,400,722; May 21.
I-beam, Reenforced. M. and L. S. Lachman. 2,392,674; Jan. 8.
Ice cream and making same, Distinctively appearing. N. J. Russell. 2,392,698; Jan. 8.
Ice-cream compositions, Stabilizing. S. Musher. 2,395,061; Feb. 19.
Ice cream machine. F. Thomas. 2,402,931; June 25.
Ice cream mix and the production thereof. H. E. Moore. 2,398,950; Apr. 23.
Ice creeper. M. L. Georgopoulos. 2,406,074; Aug. 20.
Ice cube manufacturing apparatus. A. D. Smith. 2,403,406; July 2.
Ice cutter. M. Sveda. 2,397,571; Apr. 2.
Ice, Making. P. W. West. 2,394,647; Feb. 12.
Ice-making machine. W. P. Gruner. 2,397,347; Mar. 26.
Ice manufacture. A. D. Smith. 2,405,272; Aug. 6.
Ice manufacturing apparatus. A. D. Smith. 2,405,273; Aug. 6.
Ice removing device for aircraft. D. C. Hubbard. 2,393,635; Jan. 29.
Ice tray and cube release, Pneumatic. L. L. Mallard. 2,404,972; July 30.
Identification device. C. H. Myers. 2,400,313; May 14.
Identification system, Party line. R. E. Hersey. 2,401,352; June 4.
Identifier and celestial calculator, Star. F. H. Hagner. 2,397,002; Mar. 19.
Identifier, Star. L. Wolfe. 2,402,194; June 18.
Idler, Self-aligning belt. G. F. Dodge. 2,399,913; May 7.
Idling mechanism for welding apparatus. E. A. Hobart. 2,396,176; Mar. 5.
Igniter, Electric. A. Melniczak. 2,396,591; Mar. 12.
Igniter for gaseous fuels, Catalytic. R. S. Taylor. 2,407,729; Sept. 17.
Igniter for internal-combustion engines. E. D. Chaplin. 2,407,474; Sept. 10.
Igniter of blasting detonators against accidental firing, Safeguarding electric. H. J. Rolfes. 2,408,124-5; Sept. 24.
Igniter, Smoke pot. L. A. Burrows and G. A. Noddin. 2,403,907; July 16.
Igniting composition. L. F. Audrieth. 2,410,801; Nov. 12.
Ignition apparatus. W. J. Spengler. 2,412,102; Dec. 3.
Ignition apparatus for internal-combustion engines. W. Ochsenbein. 2,412,690; Dec. 17.
Ignition control means, Engine. D. S. Hersey. 2,401,563; June 4.
Ignition device. F. O. Hess, L. F. Miller, and K. L. Dietrich, Jr. 2,404,841; July 30.
Ignition device. E. H. Shannon. 2,412,655; Dec. 17.
Ignition distributor. F. S. Coe. 2,395,611; Feb. 26.
Ignition furnace. E. W. Shallock. 2,409,072; Oct. 8.
Ignition harness, Coupling for radio shielded. D. Ingalls. 2,402,050; June 11.
Ignition means. J. R. Frei. 2,391,958; Jan. 1.
Ignition or firing mechanism. J. W. Van Karner. 2,396,064; Mar. 5.
Ignition spark gap device. A. W. Robinson, Jr. 2,404,658; July 23.
Ignition system, Ultra high frequency. F. X. Rettenmeyer. 2,408,881; Oct. 8.
Ignition switch. O. H. Hasselbaum. 2,396,372; Mar. 12.
Ignition system. W. E. Berkey, A. E. Hershey, and R. Lamphere. 2,403,629; July 9.
Ignition system. W. W. Eitel. 2,402,539; June 25.
Ignition system. J. R. Harkness. 2,394,768; Feb. 12.
Ignition system. J. R. Harkness. 2,398,635; Apr. 16.
Ignition system. W. J. Morrill. 2,401,175; May 28.

Ignition system. A. W. Robinson. 2,392,192; Jan. 1.
Ignition system. W. E. Sargeant. 2,392,066; Jan. 1.
Ignition system. M. T. Wintsch. 2,394,350; Feb. 5.
Ignition system for internal-combustion engines, Pressure. M. Mallory. 2,392,680; Jan. 8.
Ignition unit. M. O. Marsh. 2,392,171; Jan. 1.
Ignition unit, Emergency. A. V. Sellaro. 2,412,540; Dec. 10.
Ignitor for mercury-pool tubes. K. J. Germeshausen. 2,398,422; Apr. 16.
Ignitrons, Firing circuit for. W. E. Pakala. 2,401,013; May 28.
Illuminated display case. P. H. James. Re. 22,735; Mar. 26.
Illuminated handbag latch. H. Berman. 2,400,974; May 28.
Illuminated sign. T. F. McFall. 2,405,266; Aug. 6.
Illuminating apparatus. G. S. Merrill. 2,408,471; Oct. 1.
Illuminating arrangement, Automobile. A. A. Gonzalez. 2,403,856; July 9.
Illuminating device. J. R. Gorder. 2,407,829; Sept. 17.
Illuminating device. I. B. Polevitzky. 2,405,518; Aug. 6.
Illuminating means for indicating instruments. G. V. Rylsky. 2,413,381; Dec. 31.
Illuminating unit for optical projectors. R. S. Wilder. 2,409,328; Oct. 15.
Illumination, Polarized. A. M. Marks. 2,402,176; June 18.
Image dissector tube. C. E. Hallmark. 2,412,086; Dec. 3.
Image formation, Securing improvements in. E. Vennigerholz. 2,402,216; June 18.
Image, Intensification of the latent. F. W. H. Mueller and J. E. Bates. 2,403,428; July 2.
Image intensifier. R. H. Varian. 2,410,115; Oct. 29.
Image production, Television. G. K. Teal. 2,408,108; Sept. 24.
Image translating apparatus. L. M. Potts. 2,402,771; June 25.
Images of dichroic materials, Forming. W. H. Ryan, A. Barnes, and H. P. Husek. 2,409,959; Oct. 22.
Images of heat-radiating objects, System for forming. J. Evans. 2,403,068; July 2.
Imidazoles, Substituted. L. P. Kyrides. 2,404,299–300; July 16.
Imino-di-fatty acid amine. H. Martin and H. Gysin. 2,411,662; Nov. 26.
Impact clutch. C. E. Fitch. 2,396,498; Mar. 12.
Impact dampener. D. E. Carter. 2,393,750; Jan. 29.
Impact testing apparatus. V. C. Taxwood. 2,396,620; Mar. 12.
Impact wrench. C. W. Porter. 2,399,251; Apr. 30.
Impactor. J. E. Stine and G. W. Borton. 2,411,302; Nov. 19.
Impedance and reflection coefficients of surfaces, Measuring. W. P. Mason. 2,394,461; Feb. 5.
Impedance switching device. M. E. Hiehle. 2,395,870; Mar. 5.
Impeller. C. E. Wuensch. 2,404,678; July 23.
Impeller mounting. R. D. Schott. 2,407,348; Sept. 10.
Impelling device, Ball. L. A. Smith. 2,399,711; May 7.
Implement, Abrading and polishing. K. C. Guiden. 2,403,434; July 9.
Implement, Agricultural. G. M. Boumphrey. 2,403,209; July 2.
Implement, Agricultural. W. S. Graham. 2,403,360; July 2.
Implement, Agricultural. A. P. McKay. 2,398,147; Apr. 9.
Implement, Clamping. H. T. Jones. 2,403,180; July 2.
Implement, Culinary. A. E. Hindle and F. Nichols. 2,397,665; Apr. 2.
Implement, Cultivating. D. L. Hill. 2,405,503; Aug. 6.
Implement, Farming. O. D. Lutes. 2,391,910; Jan. 1.
Implement for disposing chinch bug barrier around planted fields. H. F. Millard. 2,393,395; Jan. 22.
Implement for soil preparation. D. L. Hill. 2,394,771; Feb. 12.
Implement, Lumber splicing. H. H. Bakken. 2,392,898; Jan. 15.
Implement or machine for hoeing. D. R. Bomford. 2,413,429; Dec. 31.
Implement, Orthodontic. E. R. Strayer. 2,396,619; Mar. 12.
Implement, Tenderizing. W. E. Fleming. 2,392,036; Jan. 1.
Implement, Tractor mounted. A. G. Evans. 2,395,322; Feb. 19.
Impregnated composite board. B. M. Randall. 2,412,534; Dec. 10.
Impregnating strip stock, Method and apparatus for. C. A. Mann. 2,405,221; Aug. 6.
Impression materials. H. van B. Joy. 2,397,145; Mar. 26.
Impression member, Flexible. E. A. Sprigg. 2,402,706; June 25.
Imprinting apparatus. A. W. Metzner and A. A. Gopperton. 2,393,651; Jan. 29.
Imprinting device, Foot. R. W. Bergman. 2,413,403; Dec. 31.
Improved manufacture of methyl acrylate by the thermal decomposition of methyl alpha-acetoxypropionate. W. P. Ratchford and C. H. Fisher. 2,408,177; Sept. 24.
Impulse emitter. R. E. Mumma. 2,403,873; July 9.
Impulse generator. A. A. Hansen. 2,401,847; June 4.
Impulse generator. W. D. Hershberger. 2,401,423–4; June 4.
Impulse generator. A. A. Varela. 2,408,824; Oct. 8.
Impulse pumping system. G. E. Clancy. 2,400,290; May 14.
Impulse system. L. A. Meacham, M. E. Mohr, and C. V. Parker. 2,408,086; Sept. 24.
Impulse system, Radio. N. H. Young, Jr. 2,406,882; Sept. 3.
Impulse transmitting device. H. Hansen and R. F. Mallina. 2,395,269; Feb. 19.
Incandescent lamp life, Methods of and apparatus for increasing. D. H. Tuck. 2,407,113; Sept. 3.
Incendiary with high penetrating power. A. Grobstein. 2,403,656; July 9.
Incense dispenser. M. Bravo. 2,409,469; Oct. 15.
Incinerating apparatus. C. W. Nichols. 2,402,436; June 18.
Inclinometer. E. E. Kroll. 2,397,550; Apr. 2.
Indene, Purification of. F. J. Soday. 2,413,253; Dec. 24.
Indenting device. B. N. Engle. 2,407,821; Sept. 17.
Index. C. H. Fahlstedt. 2,401,060; May 28.
Index cards, Perforating device for. J. W. Whitson. 2,403,035; July 2.
Index for lathes, Stop rod. V. von K. Sundt. 2,395,696; Feb. 26.
Index mechanism. J. C. Andersen. 2,392,112; Jan. 1.
Index mechanism, Rotary. R. D. Leonard. 2,407,840; Sept. 17.
Indexing and chucking device. B. F. Bower. 2,404,161; July 16.
Indexing apparatus. C. E. Drake. 2,396,495; Mar. 12.
Indexing means, Sheet. M. A. Embertson. 2,398,294; Apr. 9.
Indexing mechanism. R. E. Bruckner and J. S. Harker. 2,395,803; Mar. 5.
Indexing mechanism. J. Crane. 2,393,294; Jan. 22.
Indexing mechanism. H. C. Foster. 2,404,369; July 23.
Indexing multiposition electric switches. R. H. Bentley. 2,399,906; May 7.
Indicating and control device, Dimension. N. H. Nye. 2,402,293; June 18.
Indicating and insulating means, High voltage current. C. V. Foulds. 2,402,544; June 25.
Indicating and supervisory system, Electrical remote. E. A. H. Bowsher, H. M. M. d'Assis-Fonseca, and H. J. Ward. 2,408,037; Sept. 24.
Indicating apparatus. T. M. Ferrill, Jr. 2,405,568; Aug. 13.
Indicating apparatus and method. H. W. Schaefer. 2,398,046; Apr. 9.
Indicating device. R. A. Heising. 2,406,016; Aug. 20.
Indicating device, Boiler water line. J. R. Guildford. 2,393,365; Jan. 22.
Indicating device for material treating apparatus. V Sahmel. 2,405,059; July 30.
Indicating device, Level. E. L. Sinclair and W. A. Hagerbaumer. 2,398,334; Apr. 9.
Indicating device, Visual. W. Leathers. 2,398,015; Apr. 9.
Indicating instrument, Condition responsive. R. I. Bradley. 2,395,718; Feb. 26.
Indicating means for valves. H. M. Reeves. 2,409,796; Oct. 22.
Indicating means, Remote. N. W. Hartz. 2,397,962; Apr. 9.
Indicating mechanism. M. F. Ketay and M. Sherman. 2,409,435; Oct. 15.
Indicating mechanism. L. S. Williams. 2,400,277; May 14.
Indicating mechanism, Work. W. K. Andrew and J. J. Lenert. 2,407,970; Sept. 24.
Indicating square. E. Leszak. 2,397,280; Mar. 26.
Indicating system. J. N. Anderson and R. Hoover. 2,392,355; Jan. 8.
Indicating system. J. H. Foulger and P. E. Smith, Jr. 2,409,749; Oct. 22.
Indicating system. W. M. Kellogg. 2,406,382; Aug. 27.
Indication system, Electric remote. E. A. H. Bowsher. 2,398,576; Apr. 16.
Indicating system, Electrical. L. Boddy. 2,407,810; Sept. 17.
Indicating system, Electrical position. H. C. Roters. 2,403,152; July 2.
Indicating system, Multiscale instrument. H. C. Morgan. 2,394,196; Feb. 5.
Indicating system, Radio pulse position. I. Wolff and R. S. Holmes. 2,403,626; July 9.
Indicating system, Regenerative. J. A. Rankin. 2,403,755; July 9.
Indication system, Remote. B. A. Lannge. 2,408,660; Oct. 1.
Indicating system, Selective. L. Hilliman. 2,410,821; Nov. 12.
Indicating the position in space of an object, System for. A. V. Loughren. 2,403,728; July 9.

Indication for radar, Audible. E. W. Bull. 2,395,368; Feb. 19.
Indicator: *See*—
- Aircraft attitude indicator.
- Airplane turn indicator.
- Air-speed indicator.
- Automatic direction indicator.
- Automatic pilot directional turn indicator.
- Bowling pin setting indicator.
- Circle indicator.
- Combustible gas indicator.
- Damper indicator.
- Direction indicator.
- Dive angle indicator.
- Drift indicator.
- Electric air position indicator.
- Electrical indicator.
- Electrical registering and position indicator.
- Engine indicator.
- Fishing rod indicator.
- Fluid speed indicator.
- Flying time indicator.
- Frequency modulation receiver tuning indicator.
- Furnace heat indicator.
- Glider location indicator.
- Headlight indicator.
- Liquid level indicator.
- Material level indicator.
- Misselection indicator.
- Neon lamp volume indicator.
- Phase angle indicator.
- Pitch and roll indicator.
- Position indicator.
- Program change indicator.
- Pulse-echo distance indicator.
- Pulse-echo position indicator.
- Radio pulse indicator.
- Rate of rise-dive indicator.
- Remote indicator.
- Sand expansion indicator.
- Short-circuit indicator.
- Slide rule indicator.
- Speed indicator.
- Tank-wall temperature indicator.
- Temperature indicator.
- Time indicator.
- Turn, bank and climb indicator.
- Visual position and phase sense indicator.
- Weight and balance indicator.
- Weight indicator.

Indicator. C. S. Bednash. 2,401,327; June 4.
Indicator. J. H. Stroop. 2,393,346; Jan. 22.
Indicator and checking instrument, Angle. A. A. Studler. 2,406,515; Aug. 27.
Indicator and electrolyte condenser for storage batteries, Acid level. R. R. and R. T. Franz. 2,400,228; May 14.
Indicator and regulator, Peak voltage. H. C. Likel. 2,403,988; July 16.
Indicator assembly. R. E. French. 2,401,682; June 4.
Indicator for canned goods, Seal leakage. R. N. Shoner. 2,392,778; Jan. 8.
Indicator for concrete mixers, Mix-consistency. C. I. Bohmer and A. S. Millikin. 2,409,014; Oct. 8.
Indicator for container, Seal leakage. R. N. Shoner. 2,395,588; Feb. 26.
Indicator for contour plowing, Level. C. H. Batterman. 2,405,634; Aug. 13.
Indicator for electromagnetic micrometers, Electronic null. S. E. Dawson and J. R. Pimlott. 2,393,977; Feb. 5.
Indicator for frequency modulated radio locator systems. R. C. Sanders, Jr. 2,411,595; Nov. 26.
Indicator for harbor defense, Plotter. E. W. Springer. 2,406,861; Sept. 3.
Indicator for pipe lines, Flow. C. V. Greenleaf. 2,409,430; Oct. 15.
Indicator for radio blind approach systems, Visual. J. D. Weston. 2,410,117; Oct. 29.
Indicator for storage bins or hoppers, Level. J. A. Pellettere. 2,398,958; Apr. 23.
Indicator for typewriters, Page end. E. F. Petschauer 2,404,861; July 30.
Indicator for valves. C. H. Bassett. 2,407,944; Sept. 17.
Indicator for vibrating reed type alternators, Frequency. H. V. Rudolph. 2,399,297; Apr. 30.
Indicator lamp. A. P. Berejkoff. 2,405,809; Aug. 13.
Indicator mechanism. J. F. Halstead. 2,396,948; Mar. 19.
Indicator system, Plan position. H. Goldberg. 2,395,966; Mar. 5.
Indicator system, Registration. J. A. Kavanagh. 2,412,516; Dec. 10.
Indicator unit, Electrical. J. M. Schmied. 2,396,538; Mar. 12.
Indicator with excess counter, Mean-value. P. Heynisch. 2,407,369; Sept. 10.
Indium, Electrodeposition of. W. M. Martz. 2,409,983; Oct. 22.
Indole, Preparation of. W. F. Gresham and W. M. Bruner. 2,400,676; Oct. 22.
Inducing device, Air flow. T. B. Rhines. 2,401,584; June 4.
Inductance, Adjustable high-frequency. F. Verity, Jr. 2,400,858; May 21.
Inductance core composition. H. J. Benner and A. M. Hadley. 2,413,098; Dec. 24.
Inductance device. A. Majlinger and B. E. Stevens. 2,400,559; May 21.
Inductance device. B. E. Stevens. 2,406,045; Aug. 20.
Inductance device. C. J. van Loon. 2,406,720; Aug. 27.
Induction apparatus, Electrical. H. S. Gates. 2,403,072; July 2.
Induction apparatus, Electrical. J. K. Hodnette. 2,408,211–12; Sept. 24.
Induction apparatus, Electromagnetic. A. G. Steinmayer. 2,401,984; June 11.
Induction heat-treating apparatus. H. E. Somes. 2,411,698; Nov. 26.
Induction heating. N. B. Stevens. 2,397,629; Apr. 2.
Induction heating apparatus. R. J. Stanton. 2,394,944; Feb. 12.
Induction radio system. W. S. Halstead. 2,394,444; Feb. 5.
Inductive coupling. B. M. Charchian. 2,402,599; June 25.
Inductive heating apparatus. H. A. Strickland, Jr. 2,400,660; May 21.
Inductor, Tuned. E. Toth. 2,395,520; Feb. 26.
Inductor, Ultra high frequency. W. J. Polydoroff 2,401,882; June 11.
Inertia safety switch. M. G. Leonard. 2,406,427; Aug. 27.
Inflatable protective container. R. S. Colley. 2,401,230; May 28.
Inflating device. W. H. Freygang. 2,399,670; May 7.
Inflation device. H. E. Helgis. 2,403,436; July 9.
Infusion apparatus. J. A. and F. M. Varney and G. H. Van Brunt. 2,401,529; June 4.
Infusion package, Manufacturing. H. O. Irmscher. 2,406,018; Aug. 20.
Ingot, Cast. A. T. Peters. 2,410,837; Nov. 12.
Ingot hook. H. F. Stoffel. 2,404,602; July 23.
Ingots, Casting. G. W. Humes. 2,401,075; May 28.
Ingots, Casting. P. F. Mumma and A. W. Thornton. 2,402,833; June 25.
Ingots, Making bimetallic. C. W. Holmquist. 2,398,529; Apr. 16.
Ingredients for producing high explosives. M. Bonotto. 2,411,145; Nov. 19.
Inhaler. H. L. Apfelbaum. 2,410,798; Nov. 12.
Inhaler. H. B. Fonda. 2,395,109; Feb. 19.
Inhaler, Heated nasal. M. A. Rogge. 2,410,903; Nov. 12.
Inhibiting corrosion of aluminum. E. L. Baldeschwieler and J. C. Zimmer. 2,396,236; Mar. 12.
Inhibiting treatment. G. C. Ward and B. T. Pull. 2,409,325; Oct. 15.
Inhibitions of incrustations. G. H. White. 2,394,957; Feb. 12.
Inhibitor for turbine oil, Rust. H. Schindler. 2,398,120; Apr. 9.
Inhibitor, Pickling. A. J. Saukaitis. 2,403,153; July 2.
Inhibitors. C. F. Prutton. 2,400,573; May 21.
Inhibitors, Pickling. W. H. Hill. 2,394,774; Feb. 12.
Inhibitors, Removing. A. J. Gracia. 2,410,779; Nov. 5.
Initiator, Blasting. L. A. Burrows and W. E. Lawson. 2,402,235; June 18.
Initiator, Electric explosion. D. D. Huyett and W. E. Fletcher. 2,399,034; Apr. 23.
Injection apparatus and method, Plastic. W. P. Cousino. 2,402,805; June 25.
Injection apparatus, Fuel. A. T. Bremser. 2,408,288; Sept. 24.
Injection apparatus, Liquid fuel. R. Miller. 2,401,579; June 4.
Injection applying device, Hypodermic. E. Müller. 2,410,991; Nov. 12.
Injection device, Hypodermic. B. J. Goldsmith. 2,403,074; July 2.
Induction heater. E. G. Lofgren. 2,407,562; Sept. 10.
Injection in internal-combustion engine, Fuel. G. S. Kammer. 2,407,610; Sept. 10.
Injection system. D. E. Meltzler. 2,405,043; July 30.
Injection system for truck type concrete mixers, Water. L. H. Draeger. 2,413,488; Dec. 31.
Injector. H. G. Doster, R. H. Hanlon, and F. B. Farnsworth. 2,399,794; May 7.
Injector construction. F. A. Pudge. 2,397,043; Mar. 19.
Injector for engines, Mechanical vapor fuel. C. A. and V. J. Tocc. 2,413,343; Dec. 31.
Injector for internal-combustion engines, Fuel. G. W. A. Green. 2,395,810; Mar. 5.
Injector for pipe lines, Steam. J. Bergesen. 2,398,766; Apr. 23.
Injector, Fuel. H. F. Haines. 2,392,474; Jan. 8.
Injector, Fuel. B. G. Parsons. 2,405,163; Aug. 6.
Injector, Fuel. M. C. Watkins. 2,400,965; May 28.
Injector, Hypodermic. M. L. Lockhart. 2,398,544; Apr. 16.
Injector, Projectile propelled. W. H. Tinker. 2,397,385; Mar. 26.
Injector, Rectal lubricating. W. E. Nagle. 2,399,936; May 7.
Ink container. L. Peters. 2,400,209; May 14.
Ink, Intaglio. E. D. Lee. 2,409,214; Oct. 15.
Ink, Lithographic printing. D. J. Bernardi and R. T. Florence. 2,406,795; Sept. 3.
Ink, Printing. C. W. Anesbansel. 2,404,680; July 23.
Ink, Printing. J. W. Kroeger and H. F. O'Connor. 2,397,019; Mar. 19.
Ink, Printing. E. D. Lee. 2,409,215; Oct. 15.
Ink, Printing. P. Whyzmuzis and H. Linkletter. 2,406,878; Sept. 3.
Ink toners and carbon inks, Induline. W. F. Goepfert. 2,392,657; Jan. 8.
Ink toners and carbon inks, Methyl violet. W. F. Goepfert. 2,392,658; Jan. 8.
Ink well. C. A. Barden. 2,395,030; Feb. 19.
Inkwell, Nonspillable. J. B. Williams. 2,393,546; Jan. 22.
Inking device. O. W. Markes. 2,400,938; May 28.
Inking mechanism. A. Taylor and E. W. Worthington. 2,392,706; Jan. 8.
Inks, Black printing. W. F. Goepfert. 2,392,376; Jan. 8.
Inks, Printing. W. L. Jones and E. De Lla. 2,393,637; Jan. 29.

Inlaying. T. Wainman. 2,398,482; Apr. 16.
Innersole and making the same. F. L. Ayers. 2,398,277; Apr. 9.
Innersole and making the same. F. L. Ayers. 2,398,760; Apr. 23.
Inner soles, Method and apparatus for forming thermoplastic. Le R. B. High and G. C. T. Lindh. 2,407,495; Sept. 10.
Innersoles, Method of and machine for making. F. L. Ayers. 2,394,740; Feb. 12.
Insect repellant. B. G. Wilkes. 2,407,205; Sept. 3.
Insect repellent composition. A. Dreyling. 2,404,698; July 23.
Insect repellent compositions. H. A. Jones and B. V. Travis. 2,396,012–13; Mar. 5.
Insecticidal and fungicidal compositions. A. D. Ainley and W. H. Davies. 2,395,440; Feb. 26.
Insecticidal compositions. S. I. Gertler. 2,405,743; Aug. 13.
Insecticidal compounds and making same. P. Müller. 2,397,802; Apr. 2.
Insecticide. C. V. Bowen. 2,403,495; July 9.
Insecticide. C. V. Bowen and L. E. Smith. 2,392,455; Jan. 8.
Insecticide. S. I. Gertler and H. L. J. Haller. 2,408,307; Sept. 24.
Insecticide. J. W. Hansen and C. C. Cassil. 2,406,294; Aug. 20.
Insecticide. T. W. Kerr, Jr. 2,402,896; June 25.
Insecticide. B. H. Thurman. 2,407,041; Sept. 3.
Insecticide. C. F. Woodward, F. B. Talley, E. L. Mayer, and E. G. Beinhart. 2,392,961; Jan. 15.
Insecticide and fungicide. W. E. Bradley. 2,405,775; Aug. 13.
Insecticides. K. Folkers, E. Rogers, and R. E. Heal. 2,400,295; May 14.
Insecticides. O. E. McKim. 2,396,054; Mar. 5.
Insecticides. R. C. Morris, E. C. Shokal, and W. S. Thornhill. 2,393,925; Jan. 29.
Insecticides. C. W. Murray. 2,396,019; Mar. 5.
Insecticides. H. Schotte and R. Ebert. 2,392,067; Jan. 1.
Insert. F. Le B. Lord. 2,403,810; July 9.
Insert. J. Rosan. 2,400,318; May 14.
Insert feeder. E. S. Tascher. 2,394,410; Feb. 5.
Insert for screw-threaded fastenings, Anchorage. W. E. Greene. 2,400,348; May 14.
Insert securing tool. E. Eckener. 2,392,843; Jan. 15.
Inserted blade cutter. F. P. Miller. 2,395,287–8; Feb. 19.
Inserted tooth milling cutter. E. O. Lowell. 2,408,787; Oct. 8.
Inserted tooth tool. W. Slater. 2,407,519; Sept. 10.
Inserting device Weft. A. Moessinger. 2,399,881; May 7.
Inserts, Removing and replacing. J. Rosan. 2,407,904; Sept. 17.
Inside door lock. J. Bousquet. 2,396,982; Mar. 19.
Insignia, Uniform. S. Cohen. 2,396,158; Mar. 5.
Insole machine. F. E. Bertrand. 2,410,004; Oct. 29.
Insole, Resilient. M. Margolin. 2,407,670; Sept. 17.
Insoles, Making. R. H. Johnson. 2,404,731; July 23.
Inspection and photographing device, Underwater. R. R. Wirth. 2,404,556; July 23.
Inspection device, Bottle. W. C. Fogle. 2,395,620; Feb. 26.
Inspection device, Photoelectric. S. C. Hurley, Jr. 2,402,405; June 18.
Inspection device, Smoke. R. H. Wager. 2,408,495; Oct. 1.
Inspection device, Supersonic. F. A. Firestone. 2,398,701; Apr. 16.
Inspection gauge. H. T. Hallowell, Jr. 2,393,246; Jan. 22.
Inspection tool. E. Kupchick. 2,394,788; Feb. 12.
Installation and attaching clip therefor, Covering. W. H. Churchill. 2,406,665; Aug. 27.
Installation and charging system therefor, Cupola. H. Fraser. 2,399,341; Apr. 30.
Instrument, Abrasive. H. Grenzow. 2,396,418; Mar. 12.
Instrument, Attitude-indicating flight. T. O. Summers, Jr. 2,404,603; July 23.
Instrument balance weight. P. S. Johnson and J. W. Dodds. 2,410,288; Oct. 29.
Instrument bearing. K. M. Lederer and A. Dempster. 2,405,892; Aug. 13.
Instrument, Bleeding. A. E. Erickson. 2,399,011; Apr. 23.
Instrument box. J. H. Starr and E. A. Goodmow. 2,404,757; July 23.
Instrument, Calculating. E. Hill. 2,404,709; July 23.
Instrument, Calculating. B. J. Ross. 2,403,614; July 9.
Instrument case. J. E. Berins. 2,402,360; June 18.
Instrument, Computing. H. C. Ford. 2,397,783; Apr. 2.
Instrument, Control. R. P. Dewey. 2,402,151; June 18.
Instrument, Dental. P. I. Klein and A. Z. Shevsky. 2,399,231; Apr. 30.
Instrument, Electronic musical. A. R. Rienstra. 2,401,372; June 4.
Instrument for administering corrective treatment to parts of the human anatomy. E. J. Leddy. 2,402,901; June 25.
Instrument for blood transfusion. R. Bucher. 2,409,734; Oct. 22.
Instrument for examining polarized light, Optical. P. C. Heijn. 2,409,853; Oct. 22.
Instrument for measuring range. L. Radford. 2,400,060; May 7.
Instrument for measuring range and altitude. L. Radford. 2,400,059; May 7.
Instrument for measuring reflectance. W. E. Scott. 2,406,166; Aug. 20.
Instrument for use on moving craft. H. Murtagh and J. A. Taylor. 2,392,494; Jan. 8.
Instrument, Geometrical. F. N. Schwend. 2,401,321; June 4.
Instrument, Impalling. E. D. Knab. 2,403,443; July 9.
Instrument indicating system, Multiple scale, multiple function. H. C. Morgan. 2,412,350; Dec. 10.
Instrument landing system. F. A. Jenks, D. F. Folland, A. S. Maeder, and W. T. Cooke. 2,408,425; Oct. 1.
Instrument landing system. E. H. J. Phillips. 2,393,337; Jan. 22.
Instrument light. W. G. Grimes. 2,401,867; June 11.
Instrument, Measuring. T. J. La Valley. 2,401,085; May 28.
Instrument, Measuring. W. E. Reynolds. 2,401,962; June 11.
Instrument movement, Measuring. R. I. N. Weingart. 2,398,607; Apr. 16.
Instrument, Navigation and instruction. F. H. Hagner. 2,403,920; July 16.
Instrument, Photographic measuring. C. Bradley. 2,400,096; May 14.
Instrument, Recording. R. Lee. 2,392,487; Jan. 8.
Instrument, Solo electrical musical. N. Langer. 2,403,664; July 9.
Instrument, Stringed musical. J. W. McBride. 2,405,316; Aug. 6.
Instruments, Moving-coil electrical. S. J. Smith. 2,409,963; Oct. 22.
Instruments, Precision measuring. H. Rudolph. 2,400,440; May 14.
Insulated conducting member and applying the insulation. G. Camilli. 2,403,340; July 2.
Insulated electrode holder. M. Wells. 2,412,309; Dec. 10.
Insulated pipe. A. A. Durant. 2,405,021; July 30.
Insulated wire, Making. A. Rosenstein and H. Dolan. 2,405,057; July 30.
Insulating and dielectric materials. R. L. Harvey. 2,403,657; July 9.
Insulating batt, Resilient. F. J. Soday. 2,407,582; Sept. 10.
Insulating material, Electric. A. A. New. 2,401,266; May 28.
Insulating structure. W. D. Ryder. 2,405,330; Aug. 6.
Insulation. C. Well. 2,393,082; Jan. 15.
Insulation, Heat. C. G. Munters. 2,413,331; Dec. 31.
Insulation material. C. I. Haney and M. E. Martin. 2,398,001; Apr. 9.
Insulation, Multilayer. T. M. Elfving. 2,406,815; Sept. 3.
Insulation of vessels, Thermal. H. E. Messmore. 2,398,546; Apr. 16.
Insulation remover. T. W. Moore. 2,396,594; Mar. 12.
Insulator. D. G. Blattner and F. W. Clayden. 2,405,180; Aug. 6.
Insulator. M. D. Mathews. 2,406,095; Aug. 20.
Insulator bracket. D. B. Allison. 2,393,226; Jan. 22.
Insulator, Bushing. J. E. M. Mitchell. 2,408,990; Oct. 8.
Insulator, Electric fence. L. M. Newbern. 2,398,847; Apr. 23.
Insulator, Electrical. W. W. Higgins. 2,405,425; Aug. 6.
Insulator for concentric transmission lines. W. F. Fell. 2,406,945; Sept. 3.
Insulators, Producing. D. H. Rowland. 2,395,295; Feb. 19.
Integral brake element. A. H. Peycke and R. G. Aurien. 2,392,291; Jan. 1.
Integrating apparatus. E. M. McNatt. 2,398,238; Apr. 9.
Integrating mechanism. B. E. Saltzman. 2,398,600; Apr. 16.
Integrator. W. B. Jordan. 2,404,294; July 16.
Intelligence, Reproduction of. N. H. Young, Jr. 2,408,117; Sept. 24.
Interchangeable tool holder. E. F. Woodward. 2,407,201; Sept. 3.
Interference in aircraft radio, Method and apparatus for reducing static. W. H. Bennett. 2,397,118; Mar. 26.
Interlining materials, Treatment of. R. M. Fischer. 2,402,032; June 11.
Interlock and reinforcing element, File cabinet. P. Zalkind. 2,410,700; Nov. 5.
Interlock apparatus. J. N. Good. 2,407,877; Sept. 17.
Interlock for electric switches, Mechanical. G. L. McFarland, Jr. 2,398,656; Apr. 16.
Interlock for elevator doors, Electro-mechanical. E. W. Fenn. 2,408,054; Sept. 24.
Interlock mechanism. G. B. Thieme. 2,396,759; Mar. 19.
Interlocked motor system. S. Read, Jr. 2,394,480; Feb. 5.
Interlocking building block. J. Roe. 2,392,551; Jan. 8.
Intermittent current operated motor. C. S. Weyandt and E. J. Missien. 2,403,034; July 2.
Intermittent switch. M. F. Miller. 2,407,571; Sept. 10.
Intermitter, Flow. A. Boynton. 2,402,728; June 25.
Intermixing device. J. D. Ballard. 2,409,339; Oct. 15.

Internal adjustable thread gauge. W. F. Parr. 2,412,781; Dec. 17.
Internal-combustion engine. T. R. Anderson. 2,409,609; Oct. 22.
Internal-combustion engine. L. P. Anthony. 2,394,738; Feb. 12.
Internal-combustion engine. T. R. Arden. 2,412,195; Dec. 10.
Internal-combustion engine. C. N. Aronson. 2,394,970; Feb. 19.
Internal-combustion engine. L. L. Beltz. 2,408,598; Oct. 1.
Internal-combustion engine. L. Birkigt. 2,402,725; June 25.
Internal-combustion engine. B. Bolli. 2,398,690; Apr. 16.
Internal-combustion engine. W. B. Bronander. 2,398,514; Apr. 16.
Internal-combustion engine. A. Cadella. 2,393,749; Jan. 29.
Internal-combustion engine. R. Daub. 2,392,464; Jan. 8.
Internal-combustion engine. R. Daub. 2,412,952; Dec. 24.
Internal-combustion engine. G. Davies. 2,392,524; Jan. 8.
Internal-combustion engine. C. B. Davis and W. M. Arthur. 2,401,466; June 4.
Internal-combustion engine. B. A. de Waern. 2,406,491; Aug. 27.
Internal-combustion engine. M. L. Forrest. 2,409,350; Oct. 15.
Internal-combustion engine. C. I. Fox. 2,399,998; May 7.
Internal-combustion engine. O. Fuscaldo. 2,410,728; Nov. 25.
Internal-combustion engine. E. Ginn. 2,411,653; Nov. 26.
Internal-combustion engine. J. L. Haight, Jr. 2,408,554; Oct. 1.
Internal-combustion engine. H. J. Hickey. 2,398,640; Apr. 16.
Internal-combustion engine. A. F. Hoesel. 2,407,606; Sept. 10.
Internal-combustion engine. F. J. Holmes. 2,403,282; July 2.
Internal-combustion engine. M. Hurst. 2,392,591; Jan. 8.
Internal-combustion engine. A. Jansson. 2,403,440; July 9.
Internal-combustion engine. L. E. Johnson and C. R. Maxwell. 2,398,182; Apr. 9.
Internal combustion engine. M. Kadenacy. 2,408,399; Oct. 1.
Internal-combustion engine. R. H. Knauss. 2,407,788; Sept. 17.
Internal-combustion engine. D. Krygsman. 2,396,429; Mar. 12.
Internal-combustion engine. J. B. Malin. 2,411,740; Nov. 26.
Internal-combustion engine. J. B. Malin and W. N. Fenney. 2,412,821; Dec. 17.
Internal-combustion engine. M. Mallory. 2,392,933; Jan. 15.
Internal-combustion engine. H. E. McCallion. 2,401,262; May 28.
Internal-combustion engine. W. H. McInturff. 2,410,095; Oct. 29.
Internal-combustion engine. R. Miller and R. L. Jansen. 2,400,247; May 14.
Internal-combustion engine. F. A. I. Muntz. 2,408,089; Sept. 24.
Internal-combustion engine. A. Naccache. 2,400,432; May 14.
Internal-combustion engine. A. E. Osborn. 2,392,060; Jan. 1.
Internal-combustion engine. J. S. Parenti. 2,407,681; Sept. 17.
Internal-combustion engine. C. G. A. Rosen and C. R. Maxwell. 2,398,191; Apr. 9.
Internal-combustion engine. F. Rustad. 2,397,752; Apr. 2.
Internal-combustion engine. J. L. Ryde. 2,406,404; Aug. 27.
Internal-combustion engine. E. Ryder. 2,407,102; Sept. 3.
Internal-combustion engine. H. Schreck. 2,395,766; Feb. 26.
Internal-combustion engine. C. K. Schwartz. 2,400,575; May 21.
Internal-combustion engine. L. Soher. 2,398,864; Apr. 23.
Internal-combustion engine. T. P. Soprounoff. 2,408,890; Oct. 8.
Internal-combustion engine. R. Steabner. 2,404,543; July 23.
Internal-combustion engine. H.-Y. Tien. 2,404,467; July 23.
Internal-combustion engine. T. Veitch and T. Veitch, Jr. 2,401,781; June 11.
Internal-combustion engine. A. L. Vissat. 2,398,337; Apr. 9.
Internal-combustion engine. C. L. Walker. 2,400,581; May 21.
Internal-combustion engine. M. Ware. 2,395,948; Mar. 5.
Internal-combustion engine. M. Ware. 2,406,446; Aug. 27.
Internal-combustion engine. D. K. Warner. 2,410,471; Nov. 5.
Internal-combustion engine. E. C. Woodall. 2,402,798; June 25.
Internal-combustion engine. W. L. Wuebr. 2,393,084–5; Jan. 15.
Internal-combustion engine, Fuel heating system for. J. J. Dugas. 2,401,862; June 11.
Internal-combustion engine head. E. A. Winfield. 2,394,576; Feb. 12.
Internal-combustion engine of the free piston type. H. O. Farmer. 2,408,057; Sept. 24.
Internal-combustion engine piston. L. B. Boyd. 2,404,348; July 23.
Internal-combustion engine with variable compression ratio. D. C. Prince. 2,401,188; May 28.
Internal-combustion engines, (alternating piston type) Rotary. R. L. Snyder. 2,413,589; Dec. 31.
Internal-combustion engines, Automatic compression control for. B. C. Fisher. 2,400,747; May 21.
Internal-combustion engines, Charge forming method and apparatus for. A. G. Bodine. 2,409,611; Oct. 22.
Internal-combustion engines, Control of. V. E. and F. M. Whitty. 2,403,774; July 9.
Internal-combustion engines, Cooling system for. L. J. Clapsadle, J. C. Kratzer, and E. E. Sommer. 2,408,374; Oct. 1.
Internal-combustion engines, Cooling system for. H. W. Hanners. 2,403,218; July 2.
Internal-combustion engines, Exhaust mechanism for. E. Clark. 2,401,858; June 11.
Internal-combustion engines, Fuel system for. A. O. Randall. 2,402,080; June 11.
Internal-combustion engines, Fuel system for. A. O. Tesch. 2,400,664; May 21.
Internal-combustion engines or other fuel-consuming means, Fuel supply system for. C. A. Pugh and D. G. Booth. 2,401,883; June 11.
Internal-combustion engines, Preheating system for. A. Clarkson. 2,400,977; May 28.
Internal-combustion engines, Priming of. A. E. Moreillon and J. A. Hunt. 2,411,103; Nov. 12.
Internal-combustion engines, Temperature control for cooling fluid of. J. F. Johnson. 2,401,646; June 4.
Internal-combustion engines, Valve guide of. H. N. Charles. 2,403,260; July 2.
Internalcombustion turbine. L. B. Kimball. 2,407,164; Sept. 3.
Internal jig support for bending large diameter pipe. J. D. Cummings. 2,401,052; May 28.
Interpolymerization products. G. F. D'Alelio. 2,407,479; Sept. 10.
Interpolymers, Manufacture of. L. E. Wakeford and D. H. Hewitt. 2,392,710; Jan. 8.
Interpolmers of a methylene malonic ester and an unsaturated alkyd resin. G. F. D'Alelio. 2,403,791; July 9.
Interrupter and disconnecting device, Electric circuit. B. R. Hermann. 2,413,563; Dec. 31.
Interrupter, Circuit. R. C. Dickinson. 2,394,046; Feb. 5.
Interrupter, Circuit. L. R. Ludwig and B. P. Baker. 2,401,008; May 28.
Interrupter, Circuit. L. R. Ludwig, B. P. Baker, and A. H. Bakken. 2,394,086; Feb. 5.
Interrupter, Circuit. H. J. Webb. 2,399,412; Apr. 30.
Interrupter, Electric circuit. C. H. Flurscheim. 2,413,555; Dec. 31.
Interrupter for flexibly mounted guns. C. G. Trimbach and P. M. Birk. 2,397,577; Apr. 2.
Interrupter, Multiple circuit. A. G. Steinmayer and W. O. Schultz. 2,400,850; May 21.
Interval meter. W. C. Blaisdell. 2,394,286; Feb. 5.
Intravenous needle holder. E. R. Hubbard. 2,409,432; Oct. 15.
Invalid chair. A. Kapusta. 2,397,790; Apr. 2.
Invertase preparations, Manufacturing. C. A. Neuberg and I. S. Roberts. 2,406,624; Aug. 27.
Inverted vent check valve. R. H. Wager. 2,393,078; Jan. 15.
Inverter, Aperiodic phase. E. Labin. 2,401,939; June 11.
Inverter, Facsimile signal. F. L. O'Brien. 2,397,559; Apr. 2.
Iodine images, Forming. A. Barnes and H. P. Husek. 2,409,923; Oct. 22.
Iodine images, Producing. H. P. Husek. 2,413,630; Dec. 31.
Ionic analysis. E. E. Roper. 2,412,359; Dec. 10.
Ions of alkyline earth metals, Treatment of water by suppressing the. A. G. Taylor. 2,405,276; Aug. 6.
Ions, Sorbing. R. W. Auten and D. S. Herr. 2,412,855; Dec. 17.
Iris diaphragm, Electrically controlled. E. S. Peterson. 2,393,408; Jan. 22.
Iron; *See*—
Chair iron.
Croquignole iron.
Electric iron.
Electric roller iron.
Electric soldering iron.
Smoothing iron.
Soldering iron.
Steam iron.
Steaming and pressing iron.
Temperature indicating electric iron.
Walking iron.

Iron article, Sintered. A. L. Boegehold and R. H. Terry. 2,402,120; June 18.
Iron from titaniferous ores, Extraction of. H. V. Alessandroni and B. V. Sterk. 2,406,577; Aug. 27.
Iron hydrate and the manufacture and use of the same. S. P. Todd and F. C. Verduin. 2,403,248; July 2.
Iron or iron alloys, Making products of. L. F. Whitney. 2,411,073; Nov. 12.
Iron or iron alloys, Producing. F. Eulenstein and A. Krus. 2,401,146; May 28.
Iron ore sludge, Sintering. W. M. Stewart. 2,412,104; Dec. 3.
Iron ores containing chromium and related oxides, Treating. D. Gardner. 2,409,428; Oct. 15.
Iron oxide and for the production of powdered iron, Producing. C. V. Firth. 2,413,492; Dec. 31.
Iron oxide in suspension, Method and apparatus for the gaseous reduction of. L. Caldwell. 2,399,984; May 7.
Iron oxide, Production of. J. W. Ayers. 2,394,579; Feb. 12.
Iron sludge, Method and apparatus for analyzing. S. I. Gale, J. M. Moran, and W. B. Heinz. 2,405,137; Aug. 6.
Iron steam connections, Pressing. A. Taliento. 2,410,693; Nov. 5.
Ironer, Flatwork. J. B. Sando. 2,395,764; Feb. 26.
Ironer, Roller. J. A. Hicks. 2,400,233; May 14.
Ironer with steaming attachment. J. J. Getgey. 2,392,286; Jan. 1.
Ironing board. M. Sass. 2,404,194; July 16.
Ironing board. M. Tronic. 2,406,050; Aug. 20.
Ironing machine. W. J. Asher. 2,394,421; Feb. 5.
Ironing machine. H. H. Babcock. 2,413,427; Dec. 31.
Ironing machine. W. H. Bradley. 2,395,801; Mar. 5.
Ironing machine. K. Clark. 2,405,491; Aug. 6.
Ironing machine, Automatic. A. H. Gerhardt and T. C. Maher. Re. 22,720; Feb. 12.
Ironing machine, Hat. S. J. Miller. 2,399,932; May 7.
Irrigating valve wrench. E. T. Fillinger. 2,400,083; May 14.
Isoascorbic acid, Derivatives of. P. A. Wells and D. Swern. 2,408,182; Sept. 24.
Isoascorbic acid, Derivatives of. P. A. Wells and D. Swern. 2,408,897; Oct. 8.
Isobutane and the like hydrocarbons, Production of. E. W. M. Fawcett and J. H. Beynon. 2,410,024; Oct. 29.
Isobutane, Production of. V. Ipatieff and H. Pines. 2,392,924; Jan. 15.
Isobutylene polymers, Finishing. C. F. Van Glider and R. C. Evans. 2,395,086; Feb. 19.
Isobutylene with an alkyl acetylene and their preparation, Interpolymers of. D. W. Huebner and J. E. Fearey. 2,410,605; Nov. 5.
Isoelectric point of gelatin, Controlling the. R. C. Houck, J. Russell, and S. E. Sheppard. 2,398,004; Apr. 9.
Isoforming. E. W. Thiele, G. E. Schmitkons, and C. M. Hull. 2,410,908; Nov. 12.
Isomeric dihydroxy diphenyl sulphones, Separation and purification of. S. H. Foster. 2,392,137; Jan. 1.
Isomeric paraffins, Separation of. A. W. Francis. 2,402,954; July 2.
Isomeric triazole derivatives and preparing the same, Mixtures of. G. F. D'Alelio. 2,406,591; Aug. 27.
Isomerization, J. Kellett, III, M. M. Marisic, and A. A. O'Kelly. 2,399,354; Apr. 30.
Isomerization of cis-alpha-beta unsaturated acid esters. W. Scott. 2,404,103; July 16.
Isomerization of light naphtha paraffinic hydrocarbons. R. H. Shoemaker and B. L. Evering. 2,399,765; May 7.
Isomerization of normally liquid hydrocarbons. H. S. Bloch. 2,408,548; Oct. 1.
Isomerization of olefinic hydrocarbons. M. P. Matuszak. 2,403,671; July 9.
Isomerization process. A. L. Foster. 2,395,263; Feb. 19.
Isomerization process. W. B. Franklin. 2,407,488; Sept. 10.
Isomerization process. O. Gerbes. 2,408,018; Sept. 24.
Isomerization process. R. W. Henry. 2,411,211; Nov. 19.
Isomerization process. J. C. Hillyer and H. E. Drennan. 2,395,274; Feb. 19.
Isomerization process. N. Myers. 2,399,883; May 7.
Isomerization process, Catalytic. W. O. Webber. 2,392,791; Jan. 8.
Isomerization process using metal halide complexes. C. A. Kraus and J. D. Calfee. 2,404,444; July 23.
Isoolefinic polymers, Production of high molecular weight. A. D. Green, S. C. Lane, and E. T. Marshall. 2,399,672; May 7.
Isoparaffins, Alkylation of. J. A. Chenicek and R. B. Thompson. 2,405,490; Aug. 6.
Isoparaffins, Manufacture of. L. Schmerling and V. N. Ipatieff. 2,404,927; July 30.
Isoparaffins, Production of. E. W. M. Fawcett and E. S. Narracott. 2,393,357; Jan. 22.
Isoparaffins, Production of. D. A. Howes and E. W. M. Fawcett. 2,399,927; May 7.
Isoparaffins, Production of. J. M. Mavity and W. E. Moss. 2,408,941; Oct. 8.
Isoparaffins with ethylene, Alkylation of. E. F. Pevere. 2,406,709; Aug. 27.
Isophorone and related products, Production of. S. A. Ballard and V. E. Haury. 2,399,976; May 7.
Isoprene, Manufacture of. E. Gorin and A. G. Oblad. 2,404,056; July 16.
Isoprene, Purification of. F. J. Soday. 2,398,973; Apr. 23.
Isoprene resins and making the same. F. J. Soday. 2,394,266; Feb. 5.
Isoprene, Separation and purification of. J. A. Patterson. 2,407,997; Sept. 24.
Isoquinoline derivatives and preparing the same. R. B. Woodward and W. von E. Doering. 2,395,526; Feb. 26.
Jack: *See*—
Automobile jack.
Hollow hydraulic jack.
Hydraulic jack.
Hydraulic lift jack.
Ladder jack.
Lifting jack.
Pump jack.
Shoe supporting jack.
Tractor jack.
Trail jack.
Tripod jack.
Vehicle jack.
Vertical jack.
Window jack.
Jack. A. E. W. Johnson and J. R. Orelind. 2,407,080; Sept. 3.
Jack. J. A. Penner. 2,400,780; May 21.
Jack construction. A. Kais. 2,396,103; Mar. 5.
Jacket and swim belt, Child's life-save. F. L. Brown. 2,393,285; Jan. 22.
Jacket for internal-combustion engines, Cooling. C. G. Pullin. 2,405,847; Aug. 13.
Jacket, Sleeping. B. H. Trinkel. 2,401,591; June 4.
Jar and top grinding device, Preserving. O. Fleck. 2,412,572; Dec. 17.
Jar grip. P. J. Senk. 2,404,991; July 30.
Jar lifting device. C. E. Nells. 2,397,682; Apr. 2.
Jaw for fifth wheel assemblies, Safety. S. B. Winn. 2,411,404; Nov. 19.
Jaw for vises and chucks, Floating gripping. C. Chrestoff. 2,392,310; Jan. 8.
Jet propelled top, Air. J. R. Mordan. 2,393,796; Jan. 29.
Jet propulsion apparatus. R. C. Allen and J. T. Rettaliata. 2,409,177; Oct. 15.
Jet propulsion apparatus. H. J. D. McCollum. 2,412,825; Dec. 17.
Jet propulsion apparatus, Control means for. I. Lubbock. 2,402,826; June 25.
Jet-propulsion apparatus for aircraft. A. G. Elliott. 2,408,743; Oct. 8.
Jet propulsion motor. M. Summerfield. 2,405,465; Aug. 6.
Jet propulsion plant. F. A. M. Heppner. 2,404,767; July 23.
Jet propulsion, System of. M. Summerfield. 2,406,926; Sept. 3.
Jettisoning means for the escape panels of aircraft. C. M. Verhagen. 2,412,787; Dec. 17.
Jettisoning means for the sliding canopies of airplane cockpits. C. M. Verhagen. 2,403,250; July 2.
Jetty with stabilizer. G. W. Rehfeld. 2,407,034; Sept. 3.
Jeweler's wrench. L. A. Cormier. 2,403,264; July 2.
Jewelry box. S. Trachtenberg. 2,410,760; Nov. 5.
Jewelry chain, Diamond design. N. Nanasi. 2,400,591; May 21.
Jewelry, Clip. M. Jellinek. 2,400,513; May 21.
Jewels for instrument bearings, Mounting. B. B. Grace, J. Handley, and G. Gilliver. 2,396,462; Mar. 12.
Jig. B. M. Bird. 2,401,218; May 28.
Jig. W. B. Ellwood and H. E. Hill. 2,406,008; Aug. 20.
Jig. R. W. and H. H. McLaren. 2,404,858; July 30.
Jig. C. G. Tago. 2,399,257; Apr. 30.
Jig and holder, Adjustable. I. L. Pressman. 2,399,824; May 7.
Jig bushing. J. E. Antonidis. 2,412,594; Dec. 17.
Jig, Drill. C. H. Cole. 2,411,776; Nov. 26.
Jig for trimming boiler tubes. J. A. Maples. 2,409,776; Oct. 22.
Jig for winding spherical coils. N. T. Volsk. 2,394,028; Feb. 5.
Jig, Protractor welding. W. Widmark and A. H. Brownlee. 2,396,452; Mar. 12.
Jig, Rail drilling. A. De Moss. 2,394,988; Feb. 19.
Jig, Tool. F. W. Kuppersmith. 2,397,493; Apr. 2.
Jig, Welding. L. Nilssen and S. J. Finelli. 2,402,178; June 18.
Jigger, Sack. E. A. Ernst. Re. 22,740; Apr. 2.
Joint: *See*—
Automatic wear compensating ball and socket joint.
Cable joint.
Car roof joint.
Constant velocity joint.
Electrical conducting swing joint.
Electrode joint.
Expansion and contraction joint.
Expansion joint.
Flexible joint.
Fluid conducting swivel joint.
Fluid-tight radio shielded joint.
Lubricated rail joint.
Pipe joint.
Pivotal joint.
Plank or board joint.
Pressure sealing joint.
Propeller joint.
Rail joint.
Railway switch joint.
Rotary joint.
Sewer pipe joint.
Steam joint.
Swing joint.
Swivel joint.
Swiveling fluid joint.
Tow-wheel jack.
Transmission line joint.
Universal joint.
Vehicle wheel connecting joint.
Waterstop expansion joint.

Joint. S. N. Arnold. 2,413,308; Dec. 31.
Joint. H. E. Machamer. 2,410,175; Oct. 29.
Joint and bushing construction. A. Venditty. 2,396,353; Mar. 12.
Joint and clamp construction. J. T. King. 2,395,745; Feb. 26.
Joint and making same, Conductor. T. H. Clark. 2,406,805; Sept. 3.
Joint and making the same. W. O. Clinedinst. 2,399,103; Apr. 23.
Joint assembly, Contraction. J. B. Hunt, Sr. 2,405,654; Aug. 13.
Joint assembly, Preloaded. A. Venditty and M. P. Graham. 2,396,137; Mar. 5.
Joint assembly, Steering. J. H. Booth. 2,411,021; Nov. 12.
Joint between metal and ceramic bodies. A. Gaudenzi and R. Risch. 2,396,320; Mar. 12.
Joint construction. J. D. Lincoln. 2,406,697; Aug. 27.
Joint construction. M. Watter. 2,393,081; Jan. 15.
Joint construction, Plastic. A. H. Haberstump. 2,392,734; Jan. 8.
Joint for artificial legs, Knee. G. M. Talbot. 2,400,032; May 7.
Joint for concrete roadway, Expansion. R. C. Olmsted and A. H. Harris. 2,410,099; Oct. 29.
Joint for control devices for retractable members on board aircraft, Driving. C. R. Waseige. 2,405,623; Aug. 13.
Joint for electric lamps or similar devices, Filament. J. W. Fulton. 2,403,070; July 2.
Joint for electric power cables. T. R. Scott. 2,393,935; Jan. 29.
Joint for electric power cables maintained under gas pressure. E. C. Lee. 2,392,748; Jan. 8.
Joint for leg braces. I. O. Witte. 2,410,560; Nov. 5.
Joint for pressure suits. G. D. Mallory. 2,410,786; Nov. 5.
Joint for rotary hydraulic machines, Plate steel casing. J. F. Corby. 2,410,201; Oct. 29.
Joint sealing composition, Production of a road. J. T. Doyle. 2,395,996; Mar. 5.
Joint split ring union device, Nonslip. J. R. Guildford. 2,410,027; Oct. 29.
Joint structure. C. P. Krupp. 2,394,078; Feb. 5.
Journal lubricator. W. J. Fitzsimmons. 2,402,953; July 2.
Journalling mechanism. A. P. Davis. 2,410,602; Nov. 5.
Juice absorber, Tobacco pipe. W. Ehrhardt. 2,407,484; Sept. 10.
Juice extractor. A. E. Grant. 2,394,763; Feb. 12.
Juice extractor. J. B. Kessel. 2,409,497; Oct. 15.
Juice extractor. C. J. Stahly. 2,406,479; Aug. 27.
Juices, Treatment of apple. R. M. Laird. 2,401,169; May 28.
Jumper, Baby. A. J. Shurtliff. 2,408,002; Sept. 24.
Jumper for short-circuiting the contacts of fluorescent lamp sockets, Electrical. H. Rosenthal. 2,410,364; Oct. 29.
Junction system, Electrical. H. Gent and R. H. H. Pryde. 2,398,782; Apr. 23.
Keeper, Hasp lock. R. S. Wagner and B. R. Thiele. 2,402,309; June 18.
Keeper unit, Latch-accommodating. W. J. Pinard. 2,403,826; July 9.
Keratinous material, Treatment of. W. J. Burke. 2,403,906; July 16.
Keratinous material, Treatment of. H. A. Lubs. 2,403,937; July 16.
Kerf cutting apparatus. L. E. Simmons. 2,394,813; Feb. 12.
Ketene and hydrocyanic acid, Reacting. F. St. A. Johnston and L. W. Newton. 2,395,930; Mar. 5.
Ketenes with diketones, Condensation of. J. A. Spence and E. F. Degering. 2,407,301; Sept. 10.
Ketenes with ketoesters, Condensation of. J. A. Spence and E. F. Degering. 2,407,302; Sept. 10.
Keto-alcohols, Production of. J. Lincoln and J. G. N. Drewitt. 2,395,414; Feb. 26.
Ketols from isophorones and homologues thereof. S. A. Ballard and V. E. Haury. 2,406,652; Aug. 27.
Ketone aminoindan compensation product. C. F. Gibbs. 2,408,391; Oct. 1.
Ketones in aviation gasoline. A. L. Stanly. 2,398,197; Apr. 9.
Ketones of the cyclopentano phenanthrene series, Unsaturated. P. L. Julian and J. W. Cole. 2,394,551; Feb. 12.
Ketones, Production of. W. H. Reeder, III, and G. A. Lescisin. 2,395,012; Feb. 19.
Ketones, Production of acyclic. H. L. Yale and G. W. Hearne. 2,398,685; Apr. 16.
Ketones, Production of unsaturated. W. A. Bailey, Jr., and W. H. Peterson. 2,393,510; Jan. 22.
Ketones substituted by modified propionic acid radicles and producing same. G. Wiest and H. Glaser. 2,403,570; July 9.
Kettle, Steam. R. J. Sharp. 2,411,006; Nov. 12.
Key, Attachable. J. S. Howell. 2,399,119; Apr. 23.
Key case. J. M. Bennett. 2,400,221; May 14.
Key case. J. and S. Jupin. 2,411,995; Dec. 3.
Key container. D. Hendrix. 2,393,373; Jan. 22.
Key holder. I. Geller. 2,401,753; June 11.
Key holder. A. N. Hanna. 2,407,153; Sept. 3.
Key holder. A. H. Levesque. 2,400,424; May 14.
Key holder. J. H. Rotheraine. 2,402,347; June 18.
Key holder. L. Schmidhuber, W. G. Nelson, Jr., and G. W. Hill. 2,395,235; Feb. 19.
Key holder. V. Sorrentino. 2,396,615; Mar. 12.
Key holder. A. A. Zarowin. 2,394,507; Feb. 5.
Key retainer. S. Segal. 2,413,337; Dec. 31.
Key, Switching. T. C. Riebe. 2,400,952; May 28.
Key tape machine, Telegraph ciphering. R. D. Parker. 2,406,031; Aug. 20.
Key, Telephone. L. B. Haigh and F. A. Stearn. 2,410,062; Oct. 29.
Keyer, Variable dot. M. G. Crosby. 2,405,876; Aug. 13.
Keying arrangement. E. O. Willoughby. 2,413,018; Dec. 24.
Keying circuit. J. P. Smith. 2,411,598; Nov. 26.
Keyless lock. W. W. Hurtel. 2,406,332; Aug. 27.
Keyseating tool. G. H. Little. 2,401,490; June 4.
Keyways, Method and apparatus for cutting. S. G. Brady. 2,397,086; Mar. 26.
Kiln, Dry. R. A. Simmons. 2,403,154; July 2.
Kiln for brick and other clay products. J. R. Clark. 2,399,664; May 7.
Kiln, Glass annealing. W. N. Wheat and R. Bullock. 2,400,056; May 7.
Kiln, Processing. D. L. Newkirk and E. E. Ensign. 2,404,650; July 23.
Kiln, Rotary. W. R. Cliffe. 2,410,598; Nov. 5.
Kinetograph movement. G. H. Worrall. 2,404,875; July 30.
Kit, Camping. G. Walters. 2,397,225; Mar. 26.
Kit, First-aid. R. R. Seaton. 2,396,393; Mar. 12.
Kit, Shoe. E. A. Brack. 2,403,575; July 9.
Kit, Toilet. C. H. Dolan, II. 2,411,196; Nov. 19.
Kit, Toilet. G. D. and H. M. Robinson. 2,401,318; June 4.
Kite. H. F. and H. M. Chu. 2,394,366; Feb. 5.
Kite. A. A. Concepcion. 2,403,212; July 2.
Kite, Tailless. H. F. and H. M. Chu. 2,412,322; Dec. 10.
Kite, Water. K. H. Wilcoxon and L. Landweber. 2,403,036; July 2.
Klystron, Reflex. D. G. Clifford. 2,400,743; May 21.
Knife. A. J. Marshaus. 2,397,875; Apr. 2.
Knife mount for high temperature precoat filters. H. P. Dayton. 2,393,150; Jan. 15.
Knit fabric and making the same, Warp. C. R. Burns. 2,412,869; Dec. 17.
Knitted fabric. E. Wildt, H. H. Holmes, and J. C. H. Hurd. 2,403,201; July 2.
Knitted terry fabric. O. Fregeolle. 2,400,637; May 21.
Knitting. O. Fregeolle. 2,402,744; June 25.
Knitting device, Loop. F. P. Saldain. 2,399,144; Apr. 23.
Knitting element of knitting machinery. R. Peel. 2,393,931; Jan. 29.
Knitting machine. R. C. Amidon. 2,400,524–6; May 21.
Knitting machine. W. W. Bardsley. 2,406,525; Aug. 27.
Knitting machine. E. Brooksby and F. E. Deans. 2,396,489; Mar. 12.
Knitting machine. A. N. Cloutier. 2,392,312; Jan. 8.
Knitting machine. T. S. Hayhurst. 2,395,814–23; Mar. 5.
Knitting machine. T. S. Hayhurst. 2,401,732; June 11.
Knitting machine. F. Lambach. 2,405,583; Aug. 13.
Knitting machine. A. E. and F. R. Page. 2,409,306; Oct. 15.
Knitting machine. E. St. Pierre. 2,402,098; June 11.
Knitting machine. E. Wildt, H. H. Holmes, and J. C. H. Hurd. 2,396,767; Mar. 19.
Knitting machine and knitting. F. W. Brown. 2,410,710; Nov. 5.
Knitting machine and knitting. N. H. Smith. 2,408,698; Oct. 1.
Knitting machine and knitting, Circular. W. E. Booton and H. Witts. 2,400,805; May 21.
Knitting machine and method. L. N. Feinstein. 2,409,026; Oct. 8.
Knitting machine, Circular. B. F. Colic. 2,399,002; Apr. 23.
Knitting machine, Circular. H. H. Holmes. 2,396,656; Mar. 19.
Knitting machine, Cylinder and dial. C. Koppel. 2,399,439–40; Apr. 30.
Knitting machine, Cylinder and dial. C. Koppel. 2,401,083; May 28.
Knitting machine, Straight-bar. H. W. Start and E. Start. 2,396,445; Mar. 12.
Knitting machine, Warp. A. F. Fiorentino. 2,394,161; Feb. 5.
Knitting machines, Method of and mechanism for widening fabric on flat. S. C. Mack. 2,402,200; June 18.
Knitting machines, Take-up mechanism for. A. Theobalt. 2,397,221; Mar. 26.
Knitting method and apparatus. B. Nyhuis. 2,405,162; Aug. 6.
Knitting method and machine. P. W. Bristow. 2,412,248; Dec. 10.
Knitting method and machine. I. W. Grothey. 2,411,422; Nov. 19.
Knitting method and machine. G. Norman. 2,408,807; Oct. 8.
Knitting, Production of. H. N. and E. E. Smith. 2,403,766; July 9.
Knob. T. S. Briskin. 2,405,683; Aug. 13.

Knockdown coat hanger. N. T. Baldanza and A. J. Desimone. 2,392,080; Jan. 1.
Knockdown picnic table. J. C. La Rue. 2,411,658; Nov. 26.
Knocker, Door. W. Neuhaus. 2,405,916; Aug. 13.
Knotted-loop work which cannot unravel when cut and producing the same. R. F. Morcaldi D'. 2,402,568; June 25.
Knotting board. C. L. Walker. 2,395,981; Mar. 5.
Label, Package. E. Schwartz. 2,398,257; Apr. 9.
Labelling mechanism, End. E. E. Pohl. 2,409,065; Oct. 8.
Laboratory fractionating column head. R. E. Burk and T. J. Walsh. 2,410,045; Oct. 29.
Lace cutter. J. Luke. 2,411,927; Dec. 3.
Lacing machine, Shoe upper. J. Fossa. 2,404,834; July 30.
Lacquer. H. S. Northway. 2,402,437; June 18.
Lactates, Preparation. J. L. Jones. 2,410,740; Nov. 5.
Lactones of mercapto carboxylic acids and preparing them. W. A. Lazier and F. K. Signaigo. 2,402,639; June 25.
Lactones of the saturated and unsaturated cyclopentanopolyhydrophenanthrene series and preparing same. L. Ruzicka. 2,398,861; Apr. 23.
Ladder. F. J. Benz. 2,396,813; Mar. 19.
Ladder. N. L. Dahlander. 2,397,950; Apr. 9.
Ladder. F. A. Ellis. 2,397,953; Apr. 9.
Ladder. V. M. Fowler. 2,409,266; Oct. 15.
Ladder, Adjustable. A. L. Frutsman. 2,405,269; Aug. 6.
Ladder assembly. W. B. Stell. 2,398,812; Apr. 23.
Ladder attachment. M. A. Casey. 2,398,617; Apr. 16.
Ladder bracket. V. C. Ehnborn. 2,407,541; Sept. 10.
Ladder, Combination. T. C. McCoy. 2,395,637; Feb. 26.
Ladder construction F. A. Ellis. 2,397,952; Apr. 9.
Ladder, Extensible. M. E. Baker. 2,396,034; Mar. 5.
Ladder jack. W. H. Walker. 2,392,347; Jan. 8.
Ladder, Multiple. W. I. Mosher. 2,397,972; Apr. 9.
Ladder, Scaffold. Y. St-Mars. 2,400,659; May 21.
Ladder, Ship. W. Kelsey. 2,401,251; May 28.
Ladder support. J. D. Ramsey. 2,407,575; Sept. 10.
Ladle. H. E. McWane and H. K. McGavock. 2,400,362; May 14.
Ladle tilting apparatus. F. E. Kling. 2,393,695; Jan. 29.
Lady's skirt hanger. R. Robey. 2,411,466; Nov. 19.
Lagging and making the same. A. Havel. 2,405,304; Aug. 6.
Laminated abrasive articles, Making. N. P. Roble and R. G. Rowe. 2,393,267; Jan. 22.
Laminated articles, Making. J. S. Barnes. 2,411,497; Nov. 26.
Laminated articles, Making. C. Eames. 2,395,468; Feb. 26.
Laminated cores for transformers, Making. H. E. White and W. H. Borst. 2,393,439; Jan. 22.
Laminated glass structure. J. L. Drake and G. B. Watkins. 2,398,886; Apr. 23.
Laminated lock. M. Falk. 2,409,424; Oct. 15.
Laminated material and making. M. Skolnik. 2,405,527; Aug. 6.
Laminated porous elastic fabric. M. C. Teague and P. L. Mahoney. 2,404,758; July 23.
Laminated sheet pulp container and forming same. L. M. Wiley. 2,395,703; Feb. 26.
Laminated stock bonded with a dihydroxy benzene aldehyde resin, Production of. A. J. Norton. 2,398,388; Apr. 16.
Laminated structure. F. E. Hummel. 2,413,500; Dec. 31.
Laminated structures, Making. E. L. Vidal and L. J. Marhoefer. 2,394,739; Feb. 12.
Laminated structures, Production of. W. Gallay and C. G. Graham. 2,393,100; Jan. 15.
Lamp: *See*—
Bed lamp.
Combination bactericidal and illuminating lamp.
Diffusing projector lamp.
Dry-battery torch or flash lamp.
Electric discharge lamp.
Electric lamp.
Electrical gaseous discharge lamp.
Emergency lamp.
Flash lamp.
Fluorescent electric lamp.
Fluorescent glow lamp.
Fluorescent lamp.
Glow discharge lamp.
Glow lamp.
High efficiency fluorescent lamp.
Indicator lamp.
Multifilament lamp.
Multiflash lamp.
Photoflash lamp.
Portable fluorescent lamp.
Portable lamp.
Projection lamp.
Reading lamp.
Safety lamp.
Sealed beam flashlight lamp.
Signal lamp.
Spot lamp.
Lamp. C. E. Meyerhoefer. 2,403,108; July 2.
Lamp, H. J. Sauer. 2,410,366; Oct. 29.
Lamp and holder therefor, Tubular. E. S. Mills and E. A. Lindsay. 2,412,826; Dec. 17.
Lamp and holder therefor, Tubular. F. C. De Reamer and J. M. Pistey. 2,393,616; Jan. 29.
Lamp and holder therefor, Tubular. G. S. Merrill. 2,393,180; Jan. 15.
Lamp and holding means therefor, Tubular electric. W. R. Young. 2,400,381; May 14.
Lamp and operating same, Arc. E. C. Richardson. 2,396,436; Mar. 12.
Lamp apparatus and operation, Electric vapor. H. K. Pourne. 2,405,286; Aug. 6.
Lamp base. R. B. Thomas. 2,413,662; Dec. 31.
Lamp base or cap and bonding cement therefor, Electric. H. Weber. 2,407,621; Sept. 10.
Lamp device, Multiflash. J. J. Malloy. 2,408,469; Oct. 1.
Lamp device, Multiflash. E. B. Noel and A. W. Seits. 2,408,470; Oct. 1.
Lamp electrode regulating system and mechanism, Arc. L. A. Sheldon. 2,402,922; June 25.
Lamp filament connection. J. E. Stone. 2,404,992; July 30.
Lamp fitting, Fluorescent tubular discharge. F. H. Reeves. 2,393,062; Jan. 15.
Lamp for motor vehicles and the like, Inspection. M. C. Erasmus. 2,407,737; Sept. 17.
Lamp guard and handle. F. C. Kollath. 2,394,697; Feb. 12.
Lamp holder. P. O. Cartun. 2,405,815; Aug. 13.
Lamp holder. E. A. Linsday. 2,392,164; Jan. 1.
Lamps and the like, Basing for electric. R. F. Strickland. 2,403,137; July 7.
Lamp shade holder. D. J. Ross. 2,394,108; Feb. 5.
Lamp socket with side switching mechanism. C. Bramming. 2,412,439; Dec. 10.
Lamp starter, Fluorescent. C. H. Hodgkins. 2,400,353; May 14.
Lamp unit. A. G. Foote. 2,411,568; Nov. 26.
Lamp with turbulent discharge, Luminescent. J. B. J. M. Abadie. 2,411,510; Nov. 26.
Lamp with two shades, Electric. H. Storm. 2,398,974; Apr. 23.
Lamps and holder for use therein, Lighting system for tubular. F. C. De Reamer. 2,401,555; June 4.
Lamps and other electrical apparatus, Controlling the operation of luminescent. W. Foerste. 2,392,845; Jan. 15.
Lamps, Lock for fluorescent. H. S. Bixby. 2,401,408; June 4.
Lamps, Method and apparatus for coating fluorescent. K. Demb and M. L. Hayes. 2,413,437; Dec. 31.
Landing apparatus for rocket craft. R. H. Goddard. 2,395,405; Feb. 26.
Landing-deck light. A. M. Pride. 2,403,610; July 9.
Landing device, Safety. R. L. Freas. 2,399,221; Apr. 30.
Landing gear. C. S. Glasgow and C. G. Brown. 2,411,420; Nov. 19.
Landing gear for airplanes, Retractable. R. W. Palmer and J. M. Hudson. 2,391,998; Jan. 1.
Landing gear for trailers and the like. I. A. Morris. 2,400,652; May 21.
Landing gear housing door. W. M. Riggles, Jr. 2,406,710; Aug. 27.
Landing strip, Emergency. C. D. Bourcier. 2,402,597; June 25.
Landing system, Aircraft blind. R. C. Newhouse. 2,405,231; Aug. 6.
Landing wheel for airplanes, Electric motor driven. O. E. Dever. 2,391,952; Jan. 1.
Lap. A. Anderson. 2,401,215; May 28.
Lapping and honing machine. M. E. Early. 2,408,204; Sept. 24.
Lapping apparatus. R. Stoll. 2,412,306; Dec. 10.
Lapping block. K. R. Sjogren. Re. 22,770; July 2.
Lapping dies, Method and apparatus for. D. D. Symmes. 2,411,304; Nov. 19.
Lapping fixture, Micrometer. E. W. Pearson. 2,404,525; July 23.
Lapping machine. H. S. Indge and G. E. Hulbert. 2,406,690; Aug. 27.
Lapping machine. C. C. McCain. 2,401,953; June 11.
Lapping machine. H. Michelsen and C. C. Stevens. 2,398,660; Apr. 16.
Lapping machine. F. Orlo. 2,404,811; July 30.
Lapping machine. G. Sells, K. C. Johnson, and L. Black. 2,410,752; Nov. 5.
Lapping machine, Cam. H. S. Indge. 2,406,689; Aug. 27.
Lapping method and machine. D. S. Oliver. 2,408,334; Sept. 24.
Larynx construction, Artificial. O. Roberts. 2,405,850; Aug. 13.
Last. H. F. Loewer. 2,404,508; July 23.
Last. L. W. Reinhardt. 2,412,008; Dec. 3.
Last and sole forming machine, Vacuum. W. H. Doherty. 2,406,359; Aug. 27.
Last, Two-part collapsible. V. J. Levaggi, Jr. 2,404,805; July 30.
Last, Shoe. F. De Vito. 2,397,309; Mar. 26.
Last stand. V. J. Levaggi, Jr. 2,393,787; Jan. 29.
Lasting machine. T. P. Courchene. 2,409,193–4; Oct. 15.
Lasting machine. J. Fossa. 2,411,827; Nov. 26.
Lasting machine. H. A. Imhof. 2,404,497; July 23.
Lasting machine. B. Jorgensen. 2,395,874; Mar. 5.
Lasting machine. B. Jorgensen. 2,406,463; Aug. 27.
Lasting machine. J. S. Kamborian. 2,394,310; Feb. 5.
Lasting machine. C. A. Robinson. 2,397,624; Apr. 2.
Lasting machine. C. A. Robinson. 2,409,642; Oct. 22.
Lasting machine and method. B. Jorgensen. 2,403,003; July 2.
Latch: *See*—
Brake latch.
Door latch.
Dump truck and latch.
Illuminated handbag latch.
Vehicle door latch.

Latch. H. Engert. 2,403,065; July 2.
Latch. R. Marple. 2,393,647; Jan. 29.
Latch. C. A. Weise. 2,393,945; Jan. 29.
Latch and check, Combination door. L. Q. Hoen. 2,401,301; June 4.
Latch and lock, Combined. B. R. Thiele. 2,399,302; Apr. 30.
Latch and lock, Indoor. H. E. Frost. 2,407,775; Sept. 17.
Latch construction. A. F. Engeljohn. 2,411,197; Nov. 19.
Latch for automobiles, Door. W. H. Schroeder. 2,402,348; June 18.
Latch for escape hatches. N. Heffner and S. O. Heffner. 2,402,935; June 25.
Latch handle assembly. J. G. Joachim. 2,404,845; July 30.
Latch mechanism. W. P. Cousino. 2,393,147; Jan. 15.
Latch mechanism. S. De Orlow. 2,391,884; Jan. 1.
Latch mechanism. F. M. Udall. 2,398,336; Apr. 9.
Latch mechanism. F. M. Udall and P. Baumgarten. 2,404,670; July 23.
Latch mechanism. E. F. Wagner. 2,394,646; Feb. 12.
Latch mechanism, Door. H. W. Sanford. 2,399,708; May 7.
Latch operator and safety lock, Mine car. E. R. Schroeder. 2,400,026; May 7.
Latch structure, Locking. W. A. Shearer, R. D. Shephard, and E. R. Watkins. 2,405,240; Aug. 6.
Latching device, Vibratory. R. B. Immel. 2,406,378; Aug. 27.
Latching mechanism. H. D. Cahill. 2,408,755; Oct. 8.
Latex activator. E. Schmidt. 2,404,585; July 23.
Latex and the like, Dispensing. A. H. Beaumier. 2,402,310; June 18.
Latex, Modified. D. W. MacLeod. 2,392,825; Jan. 15.
Latex, Purification of. H. R. Braak. 2,398,613; Apr. 16.
Latex treatment. J. K. Lockridge. 2,398,102; Apr. 9.
Latex tubes, Making. W. F. Kinnucan. 2,392,049; Jan. 1.
Lath, Metal. G. E. Deatherage. 2,392,525; Jan. 8.
Lathe. S. H. Stupakoff and R. E. Stark. 2,392,427; Jan. 8.
Lathe apparatus for cutting comb grain veneer. H. D. Hill. 2,397,110; Mar. 26.
Lathe attachment. R. H. Andresen. 2,396,631; Mar. 19.
Lathe attachment. R. H. Andresen. 2,409,464; Oct. 15.
Lathe attachment. R. A. Lavota. 2,392,596; Jan. 8.
Lathe attachment for making duplicate pieces. C. Beird. 2,399,315; Apr. 30.
Lathe, Automatic. W. F. Groene and H. C. Kemper. 2,410,026; Oct. 29.
Lathe center. F. N. Reynolds. 2,397,371; Mar. 26.
Lathe center, Hydraulic. L. A. Barto. 2,402,979; July 2.
Lathe feed mechanism, Multiple spindle center drive. W. F. Groene and A. W. Aufderhar. 2,396,784; Mar. 19.
Lathe for turning lasts or the like. A. D. Landers and F. H. Lindsay. 2,411,135; Nov. 12.
Lathe, Multiple spindle center drive. W. F. Groene and A. W. Aufderhar. 2,396,783; Mar. 19.
Lathe, Roll. W. R. Duda. 2,413,489; Dec. 31.
Lathe screw attachment. O. Kylin. 2,399,045; Apr. 23.
Lathe, Semiautomatic turret. L. C. Wasson. 2,392,074; Jan. 1.
Lathes, Device for automatic. E. Bodmer. 2,399,621; May 7.
Lathes, Geared center raiser for. R. E. Garrett. 2,403,357; July 2.
Lathing. A. C. Karelius. 2,408,781; Oct. 8.
Lathing material. J. L. Finck. 2,404,481; July 23.
Latices, Coagulating. W. W. Waterman and B. M. Vanderbilt. 2,393,348; Jan. 22.
Latices, Coagulation of. W. W. Waterman and P. T. Parker. 2,393,208; Jan. 15.
Latices, Creaming of synthetic rubber. C. R. Peaker. 2,393,261; Jan. 22.
Latices, Manufacture of synthetic rubber. L. M. White. 2,393,133; Jan. 15.
Latrine aid, Stool-type. C. L. Turner. 2,399,960; May 7.
Latrine, Sanitary field. C. G. Martin. 2,410,092; Oct. 29.
Launcher, Grenade. D. R. Luster and P. B. Rutherford. 2,402,060; June 11.
Launching and landing mat for airplanes, Portable. H. H. Crafton. 2,407,059; Sept. 3.
Launching apparatus. A. T. Reynolds and S. S. Mercatante. 2,395,066; Feb. 19.
Launching device, Rocket. C. H. Jolly. 2,409,210; Oct. 15.
Launching method and equipment. P. M. O'Laughlin. 2,395,423; Feb. 26.
Launching system, Glider. A. B. Schultz. 2,402,918; June 25.
Laundered article, System of pressing. W. F. Gayring. 2,405,882; Aug. 13.
Laundry machine. W. J. Asber. 2,407,125; Sept. 3.
Laundry machine. W. Ganeles. 2,402,278; June 18.
Laundry machine. J. B. Kirby. 2,396,105; Mar. 5.
Laundryproof fastener. T. R. Griffin. 2,393,219; Jan. 15.
Lavatory and disinfection control. R. F. Bracke. 2,409,535; Oct. 15.
Lawn mower re-edger. G. J. Lauer. 2,412,343; Dec. 10.
Lawn renovating machine. S. J. Lindskog. 2,400,204; May 14.
Lay-out machine. E. D. Browning. 2,403,633; July 9.
Layout planner, Demonstration. H. A. Armbright. 2,405,808; Aug. 13.
Leaching apparatus and method. A. B. Kennedy. 2,405,105; July 30.
Lead alloy. E. G. Hollman. 2,394,451; Feb. 5.
Lead and lead alloys, Refining. J. C. Dittmer. 2,402,316; June 18.
Lead from bearings, Stripping. R. L. Heath, G. A. Fisher, Jr., and T. R. Holbrook. 2,408,931; Oct. 8.
Lead phthalates and preparing same. A. Stewart, A. R. Pitrot, and L. M. Rebrich. 2,412,784; Dec. 17.
Lead thiocyanate, Production of. T. E. Robbins, Jr. 2,392,191; Jan. 1.
Leaf, Filter. F. E. Reinhardt. 2,409,705; Oct. 22.
Leaf turner, Music. C. W. Moss. 2,407,572; Sept. 10.
Leakage testing apparatus for high-pressure containers. H. D. Shaw. 2,398,051; Apr. 9.
Leakproof dry cells, Top closure for. H. J. Smithback. 2,402,784; June 25.
Leakproof powder case. A. S. Leitner. 2,410,585; Nov. 5.
Leather cleaning or deglazing machine. F. Falese. 2,392,237; Jan. 1.
Leather, Process and apparatus for glazing. C. D. Knowlton and D. Edgar. 2,398,835; Apr. 23.
Leather, Simulated patent. J. R. Price. 2,396,125; Mar. 5.
Leather, Tanning of. E. A. Robinson and R. M. Beach. 2,401,373; June 4.
Leg, artificial. N. F. Harrington. 2,402,327; June 18.
Leg rest and table, Combined. C. Collins. 2,403,263; July 2.
Legging. J. L. Morris. 2,398,802; Apr. 23.
Length control apparatus. L. R. Mansell. 2,395,562; Feb. 26.
Lens. H. D. Beach. 2,405,989; Aug. 20.
Lens. W. Buchele. 2,413,286; Dec. 31.
Lens centering device. A. B. Simmons and J. H. McLeod. 2,394,721; Feb. 12.
Lens cleaning dispenser cabinet. R. R. Wilkins. 2,411,310; Nov. 19.
Lens coating apparatus. L. T. Sachtleben. 2,397,207; Mar. 26.
Lens, Contact. D. J. Riddell. 2,393,266; Jan. 22.
Lens cutting machine, Goggle. E. M. Long. 2,395,376; Feb. 19.
Lens, Electron. O. E. H. Klemperer. 2,412,687; Dec. 17.
Lens inspecting and layout device. J. A. Stewart. 2,413,198; Dec. 24.
Lens mounting for gas masks and the like. N. R. Schutz and J. Dubitsky. 2,396,207; Mar. 5.
Lens support and lens hood for folding cameras, Combined. T. M. Aiken. 2,408,184; Sept. 24.
Lens system, Electron. C. H. Bachman. 2,400,331; May 14.
Lens, Transparent lid and integral. R. E. Smith. 2,413,252; Dec. 24.
Lenses and making the same. R. F. Bardwell and J. H. Smith. 2,410,145; Oct. 29.
Lenses, Correction for spherical and chromatic aberrations in electron. E. G. Ramberg. 2,401,315; June 4.
Lenses for eyeglasses, Manufacture of. H. C. Rones. 2,399,706; May 7.
Lenses, Mounting. H. E. Burgert and J. V. Butterfield. 2,394,894; Feb. 12.
Lenses, Unblocking. G. W. Jackson. 2,399,679; May 7.
Letter sign, Interchangeable. J. R. Starnes. Re. 22,801; Oct. 8.
Lettering instrument. F. H. Whiteley. 2,407,594; Sept. 10.
Level. C. O. Rothweiler. 2,408,343; Sept. 24.
Level control and indicator of interface between acid and hydrocarbon layers. C. R. Wagner. 2,394,220; Feb. 5.
Level control, Liquid. C. O. Lavett and H. F. Kerker. 2,409,768; Oct. 22.
Level, Extensible length. B. L. Parham. 2,398,851; Apr. 23.
Level or like surveying instrument. J. E. Gudmundson. 2,407,416; Sept. 10.
Leveler and latch opener, Needle. O. Fregeolle. 2,400,636; May 21.
Leveler, Finishing. A. G. Gurries. 2,407,780; Sept. 17.
Leveling device, Ladder. C. A. Divil. 2,392,527; Jan. 8.
Lever. F. T. Court. 2,394,985; Feb. 19.
Lever, Anchor block supporting. R. S. Owens. 2,398,717; Apr. 16.
Lever assembly, Brake. H. S. Jandus. 2,405,956; Aug. 20.
Lever attachment. F. Van Buskirk. 2,402,932; June 25.
Lever control, Differential rudder. P. G. Holt. 2,406,374; Aug. 27.
Lever for automatic machine tools, Motion-transmitting. A. Bechler. 2,404,210; July 16.
Lever for loom pattern mechanism. W. A. Blanchard. 2,409,973; Oct. 22.
Lever for pattern mechanism, Vibrator. W. A. Blanchard. 2,409,972; Oct. 22.
Lever for transmissions, Shift. O. Zancan. 2,403,162; July 2.
Lever open containers, Forming. J. E. Socke. 2,394,019; Feb. 5.
License plate. R. H. Ducey. 2,400,079; May 14.

Lift, Journal box. A. O. Buckius. 2,412,250; Dec. 10.
Life saving device. W. R. Baack. 2,404,681; July 23.
Life saving device. E. R. Hawkins. 2,408,166; Sept. 24.
Lift. H. W. Grigsby. 2,395,735; Feb. 26.
Lift. J. A. Schwab. 2,397,755; Apr. 2.
Lift assembly attachments, Hydraulic. W. C. Francis. 2,403,356; July 2.
Lift, Fluid. S. C. Brady. 2,396,817; Mar. 19.
Lift for plows, Automatic implement. S. G. Washburn. 2,411,072; Nov. 12.
Lift, Hydraulic. L. S. Pfost. 2,397,042; Mar. 19.
Lift, Mechanical power. J. Morkoski. 2,407,762; Sept. 17.
Lift, Power. W. H. Silver. 2,409,228; Oct. 15.
Lift, Power. W. H. Worthington. 2,403,422; July 2.
Lift, Vehicle. E. B. Thompson. 2,402,265; June 18.
Lifter: *See*—
Article lifter.
Building block lifter.
Grip lifter.
Load lifter.
Pie pan lifter.
Sack lifter.
Safety piepan lifter.
Lifter and conveyer, Bale. A. Templeton. 2,402,465; June 18.
Lifter and holder, Pot and pan. J. A. Fink. 2,404,224; July 16.
Lifter and shifter, Track. H. H. Armstrong. 2,392,717; Jan. 8.
Lifting and emptying machine, Container. S. H. Harrison. 2,401,731; June 11.
Lifting apparatus. G. H. Jones. 2,400,299; May 14.
Lifting clamp. E. McGowan. 2,412,627; Dec. 17.
Lifting device, Auxiliary presser-foot. J. P. Enos. 2,392,730; Jan. 8.
Lifting jack. A. Jackson. 2,404,577; July 23.
Lifting jack device. T. W. Murray. 2,413,242; Dec. 24.
Lifting mechanism. W. L. Simonton. 2,408,181; Sept. 24.
Lifting mechanism for sewing machines. Pressure-foot. R. Becker. 2,401,216; May 28.
Ligature for saxophone mouthpieces. M. Maccaferri. 2,411,380; Nov. 19.
Light: *See*—
Airplane light.
Closet light.
Instrument light.
Landing-deck light.
Ship light.
Test light.
Traffic light.
Light circuit alarm system. R. W. McBrien. 2,397,028; Mar. 19.
Light concealer, Cigarette. M. La M. Green-ee. 2,405,506; Aug. 6.
Light control, Fluorescent. C. F. Rudolph. 2,407,685; Sept. 17.
Light control for pin hole detectors, Scanning. J. W. Hags. 2,395,181; Feb. 19.
Light directing device. P. M. Rainey. 2,410,104; Oct. 29.
Light-directing device. L. L. Young. 2,395,605; Feb. 26.
Light filter. E. Lemmers. 2,392,095; Jan. 1.
Light filter. L. T. Sachtleben and W. L. Douden. 2,403,685; July 9.
Lighthouse tube mounting. R. G. Schriefer. 2,397,985; Apr. 9.
Light-impulse system. V. H. Fraenckel and S. Hansen. 2,409,030; Oct. 8.
Light, Inspection. B. F. Schmidt. 2,396,440; Mar. 12.
Light meter. E. J. Martin and C. E. Grinstead. 2,407,564; Sept. 10.
Light-oil products, Refining. W. O. Keeling and W. L. Glowacki. 2,400,883; May 28.
Light-polarizing image and manufacture. E. H. Land. 2,397,276; Mar. 26.
Light-producing device. H. G. Hillard and C. J. Jaeger, Sr. 2,412,684; Dec. 17.
Light sensitive device. C. Hillyer, Jr., and H. Blackstone. 2,411,323; Nov. 19.
Light-sensitive materials. D. E. Sargent. 2,411,811; Nov. 26.
Light signal. M. R. Douglass. 2,399,173; Apr. 30.
Light signal. W. B. Wells. 2,407,355; Sept. 10.
Light screen. F. R. Miller. 2,398,799; Apr. 23.
Light source feed-back system. W. R. Le Page. 2,311,440; Nov. 19.
Light system, Recognition. L. W. Chubb. 2,406,320; Aug. 27.
Light tool. C. L. Beard. 2,393,880; Jan. 29.
Light transmitting element. H. L. Decker. 2,398,624; Apr. 16.
Light valve. W. D. Hershberger. 2,401,425; June 4.
Lighter: *See*—
Semi-automatic safety lighter.
Lighter. J. Holtzman. 2,395,783; Feb. 26.
Lighter. H. C. Sundby. 2,413,473; Dec. 31.
Lighter, Cigar and cigarette. J. Galter. 2,406,071; Aug. 20.
Lighter, Cigarette. B. Cooper and A. F. Hohmann. 2,404,435; July 23.
Lighter, Cigarette or cigar. B. L. Polkosnik. 2,399,292; Apr. 30.
Lighter flint. J. F. Neuerburg. 2,396,114; Mar. 5.
Lighter, Pocket. L. L. Dritz. 2,403,589; July 9.
Lighter, Pyrophoric. L. Astroff. 2,393,451; Jan. 22.
Lighter, Semiautomatic safety. E. R. Anderson. 2,393,508; Jan. 22.
Lighting apparatus. P. H. Irmischer. 2,406,223; Aug. 20.
Lighting apparatus, Down. T. W. Rolph. 2,398,507; Apr. 16.
Lighting equipment. J. W. Morrison. 2,398,754; Apr. 16.
Lighting equipment, Fluorescent. S. R. Naysmith. 2,395,008; Feb. 19.
Lighting fixture. H. M. Archer. 2,392,447; Jan. 8.
Lighting fixture, Extensible. I. I. Kloner. 2,408,783; Oct. 8.
Lighting fixture, Gaseous discharge tube. H. R. Owen. 2,408,896; Sept. 3.
Lighting fixture, Overhead electric. D. J. Biller. 2,411,952; Dec. 3.
Lighting fixture servicing implement, Fluorescent. R. T. Riker and J. H. Molat. 2,409,900; Oct. 22.
Lighting set, Decorative. T. Moore. 2,402,766; June 25.
Lighting unit. K. Franck. 2,394,992; Feb. 19.
Lighting unit, Fluorescent. J. E. Holmes. 2,406,145–6; Aug. 20.
Ligneous resinous composition and producing. M. R. Dusenbury. 2,410,205; Oct. 29.
Lignocellulosic materials, Treating. G. H. and G. H. Tomlinson, Jr. 2,406,867; Sept. 3.
Limb, Artificial. L. C. Thornton. 2,398,977; Apr. 23.
Lime and product thereof, Conditioning and treating. B. L. Carson. 2,409,546; Oct. 15.
Lime, Manufacture of hydrated. H. N. Huntzicker and C. R. Norman, Jr. 2,408,647; Oct. 1.
Limes and reducing the plasticity of aqueous suspensions thereof, Hydrated dolomitic. C. C. Loomis and W. J. Barrett. 2,408,324; Sept. 24.
Limit stop. R. D. McCoy. 2,397,557; Apr. 2.
Limited torque coupling. H. B. Nelson. 2,412,630; Dec. 17.
Limiter circuit. T. H. Price. 2,398,596; Apr. 16.
Limiting system, Amplitude. F. J. Bingley and R. C. Moore. 2,399,091; Apr. 23.
Line and associated circuits, Resonant. H. O. Peterson. 2,402,443; June 18.
Line and halftone reproduction. J. A. C. Yule. 2,407,211; Sept. 3.
Line connector. T. R. Cottrell. 2,408,045; Sept. 24.
Line for safety belts. C. T. Lewis. 2,412,895; Dec. 17.
Line grounding clip. H. E. Webb. 2,395,926; Mar. 5.
Line pressure valve. J. Smisko. 2,410,132; Oct. 29.
Line-starter cabinet. D. Ellis and J. H. Alspach. 2,393,034; Jan. 15.
Line supporting clip. H. R. Ellinwood. 2,396,838; Mar. 19.
Line termination, Coaxial. J. W. Tiley. 2,409,599; Oct. 15.
Line testing system, Subscriber's. H. E. Cory and F. Wright. 2,393,236; Jan. 22.
Line tracker control. J. M. Fowle and H. E. Kennedy. 2,397,933; Apr. 9.
Linear dimension gauge. E. A. Cooke. 2,412,127; Dec. 3.
Linear generator. C. M. Hines and J. W. Rush. 2,409,857; Oct. 22.
Linear time base sweep generator. H. Atwood, Jr. 2,410,920; Nov. 12.
Lined boxes, Method and apparatus for forming. F. D. Palmer. 2,394,935; Feb. 12.
Liner and package for cigarettes and other articles, Reinforcing. R. S. Reynolds. 2,404,312; July 16.
Liner for adherent rubber surfaces and the like. W. Kellgren and W. D. Hurd. 2,395,668; Feb. 26.
Liner for water tanks. R. H. Zinkil and T. P. Newman. 2,395,606; Feb. 26.
Liner segment, Tunnel. T. L. White. 2,404,819; July 30.
Lines, Storing. C. D., A. J., and C. Schermuly. 2,402,093; June 11.
Lining for metal containers, Film-forming resinous. A. H. Warth and I. F. Bulatkin. 2,413,093; Dec. 24.
Lining for ties. M. Kleinmann. 2,394,077; Feb. 5.
Lining, Furnace. H. N. Clark. 2,407,135; Sept. 3.
Lining, Jordan engine. H. D. Stuck and W. W. Bolton. 2,409,453; Oct. 15.
Lining machine, Pipe. A. G. Butler. 2,399,321; Apr. 30.
Lining material and producing the same, Cap. W. G. Palmer. 2,406,898; Sept. 3.
Lining materials. G. Schneider and M. E. Martin. 2,398,049; Apr. 9.
Lining of metallurgical structures, Refractory. R. A. Schoenlaub. 2,407,725; Sept. 17.
Lining, Sock. C. V. Watson. 2,413,534; Dec. 31.
Lining, Tunnel. A. Bull. 2,400,071; May 14.
Link, Belt. J. F. Barnes. 2,399,659; May 7.
Link, Chain. W. K. Robbins. 2,406,712; Aug. 27.
Link, Chain. H. St. Pierre. 2,400,854; May 21.
Link, Chain. V. Shelton. 2,397,989; Apr. 9.
Link, Detachable chain. H. St. Pierre. 2,398,897; Apr. 23.
Link for airplane cannon, Disintegrating. H. T. Youngren. 2,392,280; Jan. 1.
Link for cartridges, Belt. L. A. Carten. 2,395,460; Feb. 26.
Link for chains, Connecting. J. Klinge. 2,397,148; Mar. 26.
Link for knitting machine chains. C. F. Barnes. 2,397,939; Apr. 9.
Link, Solid forged locking stud. H. St. Pierre. 2,398,898; Apr. 23.

Link, Stud chain locking. H. St. Pierre. 2,400,855; May 21.
Link, Tenter chain. L. C. Stowell. 2,410,907; Nov. 12.
Linking machine, Sausage. J. J. Prohaska. 2,406,163; Aug. 20.
Links, Making caterpillar. C. H. Widman and O. Mueller. 2,403,159; July 2.
Links, Making chain. J. C. Temple. 2,399,953; May 7.
Links, Manufacture of cartridge. A. E. Borton. 2,397,832; Apr. 2.
Linoleum type coverings, Fire retardant. D. H. Spitzli and R. W. Charlton. 2,412,303; Dec. 10.
Lint trap. R. M. Vandegrift. 2,403,416; July 2.
Lipstick holder. J. B. Haley. 2,397,416; Mar. 26.
Lipstick holder. A. S. Mackey. 2,412,999; Dec. 24.
Liquid. J. J. Felsecker. 2,404,701; July 23.
Liquid container. L. Shakesby and S. H. Smith. 2,407,455; Sept. 10.
Liquid delivery apparatus. F. Smith. 2,405,375; Aug. 6.
Liquid dispenser. L. O. Leach. 2,397,321; Mar. 26.
Liquid dispensing apparatus. G. J. Harman. 2,412,577; Dec. 17.
Liquid dispensing apparatus. R. R. Trexler. 2,404,258; July 16.
Liquid elevating apparatus. G. C. Marsh. 2,400,651; May 21.
Liquid feeding apparatus. R. H. Goddard. 2,394,852; Feb. 12.
Liquid fuel burner. J. L. Breese. 2,396,675; Mar. 19.
Liquid fuel burner. A. Clarkson. 2,398,883; Apr. 23.
Liquid fuel burner. E. J. Senninger. 2,397,988; Apr. 9.
Liquid fuel burner. B. Walker. 2,404,015; July 16.
Liquid fuel combustion apparatus. H. J. De N. McCollum. 2,396,868; Mar. 19.
Liquid fuel pump. L. Pengilly. 2,404,983; July 30.
Liquid-gas-phase control. R. D. Cowherd. 2,411,986; Dec. 3.
Liquid having a comparatively small change in viscosity, Hydraulic. J. D. Morgan. 2,410,608; Nov. 5.
Liquid having low boiling points, Dispensing. C. L. Gebauer and C. F. W. Bates. 2,400,231; May 14.
Liquid heating apparatus. H. W. O'Dowd. 2,400,653; May 21.
Liquid level control. J. E. Cook. 2,398,921; Apr. 23.
Liquid level indicator. D. Heenan. 2,398,375; Apr. 16.
Liquid level indicator. E. M. O'Neill. 2,399,291; Apr. 30.
Liquid level responsive means. A. E. Bank. 2,394,885; Feb. 12.
Liquid level switch. W. Grimm. 2,405,140; Aug. 6.
Liquid material, Filtering of. B. R. Harris. 2,392,666; Jan. 8.
Liquid phase dimerization. T. F. Doumani. 2,411,822; Nov. 26.
Liquid product and thermostatic device embodying same. V. Morrill, Jr. 2,413,513; Dec. 31.
Liquid products, Method of and apparatus for concentrating and dehydrating. J. M. Hall. 2,400,459; May 14.
Liquid pump. O. Posch. 2,396,602; Mar. 12.
Liquid-recirculating device, Pneumatically-operated. W. B. Altsheler. 2,408,721; Oct. 8.
Liquid settling process. L. R. Koller. 2,402,900; June 25.
Liquid spray device. A. S. Feinberg. 2,399,108; Apr. 23.
Liquid stable at low temperatures. F. M. Clark. 2,413,170; Dec. 24.
Liquid storage apparatus. J. H. Wiggins. 2,408,538; Oct. 1.
Liquid storage tank. R. H. Goddard. 2,394,853; Feb. 12.
Liquid supply system. V. L. Tannehill. 2,412,107; Dec. 3.
Liquid treatment. F. D. Prager. 2,400,598; May 21.
Liquid treatment. F. D. Prager. 2,411,390; Nov. 19.
Liquid treatment. R. E. Seddig. 2,395,508; Feb. 26.
Liquids and condensing vapors, Method of and apparatus for evaporating. R. V. Kleinschmidt. 2,395,004; Feb. 19.
Liquids and semisolids, Freezing and drying. T. R. Folsom. 2,411,152; Nov. 19.
Liquids from solids, Separation of. L. P. Sharples. 2,409,713; Oct. 22.
Liquids, Method of and apparatus for treating. R. D. Pomeroy. 2,413,375; Dec. 31.
Liquids, Ozonizing. D. K. Allison. 2,405,553; Aug. 13.
Liquids, Process and apparatus for distilling. W. R. P. Delano. 2,402,737; June 25.
Liquids, Sterilizing. E. C. Johnston. 2,401,077; May 28.
Liquids, Treatment of. R. A. Hill. 2,408,021; Sept. 24.
Liquors, Utilizing waste. H. O. V. Bergström and K. G. Trobeck. 2,406,581; Aug. 27.
Listing machine. J. Maccallum, Jr. 2,392,488; Jan. 8.
Lithium compounds, Production of. C. M. Nicholson. 2,413,644; Dec. 31.
Lithium hydride, Production of. P. P. Alexander. 2,408,748; Oct. 8.
Lithographic platemaking apparatus. J. T. Campbell. 2,412,317; Dec. 10.
Lithographic press and protecting ink from water. J. E. Sodomka. 2,395,151; Feb. 19.
Litter-carrying vehicle. R. A. Terry. 2,398,730; Apr. 16.
Livestock marking tool. E. G. Stone. 2,411,944; Dec. 3.
Lixiviating mechanism. R. C. Baumann. 2,392,452; Jan. 8.
Load capacity testing device. L. McHarg. 2,392,096; Jan. 1.
Load handling mechanism. L. H. Lull. 2,394,458; Feb. 5.
Load lifter. W. A. Ross. 2,402,579; June 25.
Load-supporting device, Constant. G. B. Farkas. 2,395,730; Feb. 26.
Load transference unit. J. H. Jacobson. 2,405,428; Aug. 6.
Loader. E. M. McElhinney and J. A. Podhajsky. 2,409,143; Oct. 8.
Loader. C. B. Richey. 2,397,045–6; Mar. 19.
Loader. J. G. Stein. 2,399,698; May 7.
Loader. L. W. Wachter. 2,393,435; Jan. 22.
Loader. P. P. and E. J. Wuertz. 2,404,820; July 30.
Loader and unloader, Crop. L. C. and A. E. Struensee. 2,400,661; May 21.
Loader apparatus, Scraper. T. F. McCarthy. 2,403,817; July 9.
Loader, Bale. I. Z. Smoker. 2,397,570; Apr. 2.
Loader, Beet. R. D. Griff. 2,404,629; July 23.
Loader, Beet. C. W. Walz and R. D. Griff. 2,406,976; Sept. 3.
Loader, Belt. A. L. Bureau. 2,397,944; Apr. 9.
Loader for draw benches. N. H. Nye. 2,395,290; Feb. 19.
Loader for revolvers. H. C. Lima. 2,406,231–2; Aug. 20.
Loader, Magazine. L. L. McPheters. 2,403,012; July 2.
Loader, Magazine. W. C. Wossum. 2,394,033; Feb 5.
Loader, Manure. T. J. Denning. 2,393,299; Jan. 22.
Loader, Manure. J. M. Markel. 2,402,064; June 11.
Loader, Manure. D. O. Neville and A. L. Plautz. 2,402,908; June 25.
Loader, Merchandise. J. W. Mitchell and A. Herren. 2,411,286; Nov. 19.
Loader, Tractor mounted. C. Christiansen. 2,410,567; Nov. 5.
Loading accessory, Ammunition. G. T. Smiley. 2,400,846; May 21.
Loading and dumping device. H. G. Hunter. 2,401,159; May 28.
Loading and feeding apparatus for coils of strip metal. F. J. Wood. 2,404,155; July 16.
Loading and storing pineapples, Method and apparatus for. B. J. Butler. 2,406,992; Sept. 3.
Loading and unloading apparatus. J. C. Dobler. 2,395,173; Feb. 19.
Loading and unloading device, Grain. J. D. Cwicig. 2,401,465; June 4.
Loading and unloading machine. W. M. Patience and D. E. Kimball, 2d. 2,409,513; Oct. 15.
Loading apparatus, Bin. V. Gribble. 2,401,633; June 4.
Loading apparatus, Hay. J. E. Ringrose. 2,410,238; Oct. 29.
Loading attachment for tractors. R. H. Galbreath. 2,395,622; Feb. 26.
Loading device. S. C. Choat. 2,411,821; Nov. 26.
Loading device. A. L. Mosher. 2,395,494; Feb. 26.
Loading device, Bale. R. P. Messenger and R. D. Acton. 2,410,516; Nov. 5.
Loading device, Boat. F. H. Squires. 2,392,008; Jan. 1.
Loading device, Film. G. M. Dye, R. Sardeson, and R. W. Armstrong. 2,401,623; June 4.
Loading device, Mechanical ramp. C. F. J. Smith and L. R. Bottom. 2,392,557; Jan. 8.
Loading machine. G. E. Coats. 2,404,619; July 23.
Loading machine. G. E. Coats. 2,405,114; Aug. 6.
Loading machine. R. B. Elliott. 2,398,177; Apr. 9.
Loading machine. H. F. Lessman. 2,396,107; Mar. 5.
Loading machine. O. G. Mandt. 2,405,312; Aug. 6.
Loading machine. J. H. Rogers and H. E. Luebbers. 2,398,964; Apr. 23.
Loading machine. J. D. Russell, C. F. Ball, and A. S. Knoizen. 2,392,697; Jan. 8.
Loading machine. W. C. and C. H. Shirk, J. A. and R. C. Jacobson. 2,412,297; Dec. 10.
Loading machine. W. G. Van Voorhis. 2,413,124; Dec. 24.
Loading machine, Ball. F. B. Kallster, J. O. Stafford, and F. J. Konyvka. 2,407,016; Sept. 3.
Loading machine, Can cooler. S. A. Campana. 2,400,484; May 21.
Loading machine, Detonator. C. R. Johnson. 2,403,286; July 2.
Loading machine, Mining. N. D. Levin. 2,413,508; Dec. 31.
Loading machine, Portable. E. Barker. 2,413,095–7; Dec. 24.
Loaf package, Banded bread. A. T. Jones. 2,408,317; Sept. 24.
Locating equipment. S. Goldman. 2,399,017; Apr. 23.
Locating equipment. E. J. Wade. 2,411,071; Nov. 12.
Locating method, Contact. H. Dahl. 2,406,281; Aug. 20.
Locating objects, Method and apparatus for. J. H. Deming. 2,401,723; June 11.
Locating radiated-signal reflectors, System for. A. V. Loughren. 2,407,169; Sept. 3.
Locating system, Radiant energy. W. A. Tolson and C. A. Meneley. 2,409,456; Oct. 15.
Locating system, Water. R. F. Farris and J. B. Clark. 2,410,278; Oct. 29.

Locating the source of an explosion wave, System for. W. D. Goodale, Jr., B. F. Lewis, and W. H. Martin. 2,403,974; July 16.
Locator, Radio position. D. G. C. Luck. 2,401,432; June 4.
Lock: *See*—
Automatic lock.
Automobile door lock.
Battery handle connector lock.
Bead lock.
Chest lock.
Combination lock.
Combined latch and lock.
Cylinder lock.
Dial telephone lock.
Door lock.
Heddle bar lock.
Inside door lock.
Keyless lock.
Laminated lock.
Magnetic lock.
Mail bag lock.
Nut lock.
Ophthalmic bridge lock.
Safety pocket lock.
Seal lock.
Self-locking shaft lock.
Shoulder harness take-up and inertia lock.
Spindle lock.
Tie lock.
Toggle lock.
Transmission lock.
Travel lock.
Unit lock.
Vehicle lock.
Vise lock.
Window lock.
Wrapping wire reinforcing retainer lock.
Lock. A. J. Doyle. 2,392,906; Jan. 15.
Lock. H. D. Freeman. 2,400,229; May 14.
Lock. P. S. Gay. 2,402,812; June 25.
Lock. T. H. Johnstone. 2,411,433; Nov. 19.
Lock. M. E. Wollin. 2,408,283; Sept. 24.
Lock actuator, Solenoid. R. R. Cole. 2,395,164; Feb. 19
Lock and latch for doors, Combination. I. Paul. 2,407,900; Sept. 17.
Lock box, Permutation. H. Winterfeld. 2,407,362; Sept. 10.
Lock for bus or car window construction, Sash. J. Schunk. 2,409,711; Oct. 22.
Lock for firearms, Safety. G. A. Hendey. 2,401,482; June 4.
Lock device. M. Katz. 2,406,464; Aug. 27.
Lock device for bicycles and the like, Permanent safety. A. R. Romero. 2,406,257; Aug. 20.
Lock hook. R. G. Boree. 2,395,990; Mar. 5.
Lock mechanism for electrical expulsion devices. C. W. Brown. 2,392,308; Jan. 8.
Lock nut. D. C. Eckenbeck, C. L. Madden, and P. E. Slaughter. 2,399,107; Apr. 23.
Lock nut. T. R. Griffin. 2,407,830; Sept. 17.
Lock nut. R. Seitz. 2,394,812; Feb. 12.
Lock nut and assembling same. E. W. Martin. 2,412,409; Dec. 10.
Lock-nut device. V. W. Sherman and R. Ketchem. 2,392,069; Jan. 1.
Lockout device, Fluid. R. B. Sprague. 2,403,689; July 9.
Lock ring. W. F. Hess. 2,411,037; Nov. 12.
Lock ring and assembly, Bead. C. E. Zarth. 2,409,410; Oct. 15.
Lock slider, Automatic. D. Rabinow. 2,397,693; Apr. 2.
Lock slider, Reversible automatic. A. E. Carlile. 2,405,875; Aug. 13.
Lock slider, Reversible automatic. C. D. Gould. 2,405,883; Aug. 13.
Lock-stitch sewing machine. A. B. Clayton. 2,394,511; Feb. 5.
Lock to secure nuts on bolts. H. H. Field. 2,404,128; July 16.
Lock top container. F. J. O'Brien. 2,413,646; Dec. 31.
Lock valve. M. J. Smith. 2,399,578; Apr. 30.
Lockable control device. C. R. Suska and G. T. Downey. 2,399,583; Apr. 30.
Locked-in oscillator circuit. W. F. Sands. 2,411,003; Nov. 12.
Locker, Refrigerated. F. W. Knowles and H. A. Dudley. 2,404,851; July 30.
Locket construction. J. Tabellario. 2,396,214; Mar. 5.
Locking apparatus, Turbine blade. C. H. Morris. 2,406,703; Aug. 27.
Locking assembly, Ignition and steering. R. A. Sandberg. 2,412,752; Dec. 17.
Locking device. J. A. Herbst and M. J. Hassid. 2,401,351; June 4.
Locking device. O. W. Marlow. 2,395,893; Mar. 5.
Locking device. J. W. Rhodes. 2,402,842; June 25.
Locking device. W. R. Scherb. 2,398,466; Apr. 16.
Locking device. E. L. Sharp. 2,392,953; Jan. 15.
Locking device. J. E. Smith. 2,397,382; Mar. 26.
Locking device, Door. T. J. Nyhus. 2,403,993; July 16.
Locking device, Gear shift. W. H. Mullins and W. M. Dentry. 2,411,455; Nov. 19.
Locking device, Nut or bolt. F. W. Cloedy and I. H. Mahne. 2,394,666; Feb. 12.
Locking device, Tube. E. H. Reinschmidt. 2,392,410; Jan. 8.
Locking device, Window guard. F. E. Amthor. 2,400,280; May 14.
Locking means, Airplane control surface. T. G. Linnert. 2,406,233; Aug. 20.
Locking means for pressure chamber doors. W. L. Cullen. 2,399,327; Apr. 30.
Locking means for threaded members. P. P. Newcomb. 2,397,325; Mar. 26.
Locking means, Insert. C. L. Paulus. 2,395,063; Feb. 19.
Locking mechanism. S. Larsson. 2,408,024; Sept. 24.
Locking mechanism for directional gyroscopes. L. F. Beach, O. E. Esval, and A. W. Lane. 2,406,342; Aug. 27.
Locking mechanism, Manhole cover. A. J. Gillette. 2,402,246; June 18.
Locking or coupling pin, short shaft, and similar devices. R. A. W. Spooner. 2,399,581; Apr. 30.
Locomotive. C. K. Steins. 2,413,119; Dec. 24.
Locomotive, Double-end turbine. W. A. Brecht and C. Kerr, Jr. 2,412,866; Dec. 17.
Locomotive drive. F. L. Alben. 2,411,350; Nov. 19.
Locomotive drive. W. A. Brecht. 2,411,363; Nov. 19.
Locomotive, Dual power thermal. W. Giger. 2,405,352; Aug. 6.
Locomotive front end. L. R. Pyle. 2,392,187; Jan. 1.
Locomotive, Mine. C. E. Stoltz. 2,412,657; Dec. 17.
Locomotive, Multiple-cylinder steam. F. W. George, Jr. 2,407,980; Sept. 24.
Locomotive, Poppet valve. J. Kirchhof. 2,401,764; June 11.
Locomotive, Turbine. W. A. Brecht and F. L. Alben. 2,394,037; Feb. 5.
Locomotive underframe. M. P. Blomberg and O. J. Stampen. 2,409,730; Oct. 22.
Log barking apparatus. M. L. Edwards, D. K. MacBain, and L. M. Johnson. 2,393,978; Feb. 5.
Log barking apparatus. M. L. Edwards, D. K. MacBain, and L. M. Johnson. 2,396,255; Mar. 12.
Log loading hook. W. S. Salisbury. 2,398,464; Apr. 16.
Logging apparatus. J. L. Hurd. 2,413,048; Dec. 24.
Logging, Well. P. S. Williams. 2,408,012; Sept. 24.
Long-ratio-control circuit. Z. O. St. Palley. 2,411,476; Nov. 19.
Longitudinal element in a tube, Thickening a localized. S. and A. Westin. 2,405,478; Aug. 6.
Loom: *See*—
Circular loom.
Gauze weaving loom.
Hand loom.
Loom. E. C. Alix and H. A. Wilson. 2,399,457; Apr. 30.
Loom. J. O. Hunt. 2,408,645; Oct. 1.
Loom. L. N. Linscott. 2,408,861; Oct. 8.
Loom. S. P. Parker. 2,405,975; Aug. 20.
Loom. S. P. Parker. 2,412,355; Dec. 10.
Loom. G. W. B. Rickelmann. 2,413,155; Dec. 24.
Loom. R. G. Turner. 2,400,792; May 21.
Loom check strap. J. C. Crocker. 2,393,148; Jan. 15.
Loom reed. R. G. Turner. 2,396,974; Mar. 19.
Loom shedding means. S. P. Parker. 2,412,354; Dec. 10.
Loom sword, Textile. M. F. James. 2,398,144; Apr. 9.
Loom with big weaving width. O. Zollikofer. 2,413,672; Dec. 31.
Looms, Automatic stopping of. R. E. Bridge. 2,403,497; July 9.
Looms, Hand wheel for. J. M. Patrick. 2,398,853; Apr. 23.
Looms, Lay motion for axminster. N. Fletcher. 2,399,728; May 7.
Looms, Letoff. C. Darwin. 2,398,925; Apr. 23.
Looms, Shuttle check for. E. A. Santon. 2,399,763; May 7.
Loop cutter. J. N. Gilbreath. 2,411,259; Nov. 19.
Loop, Slide. G. H. Elwell. 2,394,159; Feb. 5.
Loop-takers of sewing machines, Timing. A. R. Wood. 2,392,793; Jan. 8.
Loop the loop toy. L. H. Burlin. 2,392,722; Jan. 8.
Looper throwout mechanism. A. B. Clayton. 2,397,336; Mar. 26.
Looping machine, Multiple needle. L. Hamrick. 2,411,268; Nov. 19.
Loops, Forming. I. R. Mitchell. 2,413,642; Dec. 31.
Loose bulk materials, Method and apparatus for heat treating. W. A. Reaney. 2,410,236; Oct. 29.
Loose-leaf binder, Stabilized. S. Segal. 2,392,508; Jan. 8.
Loud-speaker. M. L. Graham. 2,392,143; Jan. 1.
Lounge, Convertible. M. Fox. 2,412,329; Dec. 10.
Louver operating means. J. Otti. 2,405,899; Aug. 13.
Low frequency deflecting circuit. T. T. Eaton. 2,403,510; July 9.
Low speed motor. F. Hotchner. 2,393,045; Jan. 15.
Low temperature process of polymerizing iso-olefinic material. H. Hartvigsen. 2,407,494; Sept. 10.
Low-voltage high-current switch. L. L. Young. 2,406,122; Aug. 20.
Lubricant. H. E. Ballard. 2,403,167; July 2.
Lubricant. E. F. Engelke and W. W. Odell. 2,411,032; Nov. 12.
Lubricant. W. E. Hanford. 2,411,159; Nov. 19.
Lubricant. J. F. Hyde. 2,410,346; Oct. 29.
Lubricant. C. B. Large, M. J. Zucrow, and R. L. Hirsch. 2,412,688; Dec. 17.
Lubricant. R. L. May. 2,392,252–3; Jan. 1.
Lubricant. J. A. Patterson. 2,403,234; July 2.
Lubricant. A. D. Pickett. 2,410,610; Nov. 5.
Lubricant. E. N. Roberts. 2,409,799; Oct. 22.
Lubricant. M. L. Schwartz. 2,412,634; Dec. 17.
Lubricant. T. E. Sharp. 2,398,193; Apr. 9.
Lubricant. L. G. Vande Bogart and R. W. Manuel. 2,412,929; Dec. 17.
Lubricant. W. T. Watkins, Jr. 2,394,954; Feb. 12.
Lubricant additives and preparation thereof. E. Lieber and A. F. Cashman. 2,404,446; July 23.

Lubricant and lubricating surfaces therewith. F. J. Sowa. 2,406,971; Sept. 3.
Lubricant and preparing same. D. L. Wright and C. W. Bohmer, Jr. 2,409,333; Oct. 15.
Lubricant and preparing the same. C. A. Cohen. 2,413,311; Dec. 31.
Lubricant, Antifriction bearing. A. J. Morway and A. Beerbower. 2,411,587; Nov. 26.
Lubricant-carrying means. W. P. Farrell. 2,397,342; Mar. 26.
Lubricant, Clock. J. D. Morgan and R. E. Lowe. 2,409,444; Oct. 15.
Lubricant composition. J. J. Giammaria. 2,410,650; Nov. 5.
Lubricant composition. C. Winning and J. G. McNab. 2,409,726; Oct. 22.
Lubricant compositions, Organic phosphorus. E. F. Engelke. 2,392,468; Jan. 8.
Lubricant, Compounded. D. T. Rogers. 2,405,607–8; Aug. 13.
Lubricant containing condensation product. E. Lieber. 2,406,549; Aug. 27.
Lubricant, Crank case. E. W. Cook and W. D. Thomas, Jr. 2,395,105; Feb. 19.
Lubricant, Dental instrument. J. D. Morgan and R. E. Lowe. 2,396,192; Mar. 5.
Lubricant dispensing valve. F. G. Schweisthal. 2,399,147; Apr. 23.
Lubricant, Drill. E. L. Flood. 2,408,385; Oct. 1.
Lubricant for low temperatures. J. D. Morgan. 2,395,379; Feb. 19.
Lubricant having high film strength. J. S. Yule. 2,394,734; Feb. 12.
Lubricant, Instrument. J. D. Morgan and R. E. Lowe. 2,396,191; Mar. 5.
Lubricant, Instrument. J. D. Morgan and R. E. Lowe. 2,409,443; Oct. 15.
Lubricant, Low temperature-high temperature. J. D. Morgan and R. E. Lowe. 2,395,380; Feb. 19.
Lubricant, Preparation of an improved. D. W. Young and H. D. Hineline. 2,406,575; Aug. 27.
Lubricant pump. E. W. Davis. 2,399,172; Apr. 30.
Lubricants. W. Gallay and I. E. Puddington. 2,394,907; Feb. 12.
Lubricants. R. F. McCleary. 2,409,296; Oct. 15.
Lubricants. J. M. Musselman and H. P. Lankelma. 2,396,719; Mar. 19.
Lubricants. M. L. Schwartz. 2,412,633; Dec. 17.
Lubricants. F. J. Sowa. 2,407,037; Sept. 3.
Lubricants, etc. J. M. Musselman and H. P. Lankelma. 2,413,188; Dec. 24.
Lubricants, Production of. H. M. Fraser. 2,397,956; Apr. 9.
Lubricants, Valve. J. D. Morgan and R. E. Lowe. 2,393,800; Jan. 29.
Lubricated rail joint. E. W. Caruthers. 2,406,452; Aug. 27.
Lubricated shaft bearing. G. E. Kopetz. 2,398,944; Apr. 23.
Lubricated shutoff butterfly valve. D. W. Hopkins. 2,392,922; Jan. 15.
Lubricated traveler ring. F. S. Pollock, Jr. 2,406,901; Sept. 3.
Lubricating and hydraulic composition. W. F. Hamilton, M. F. George, Jr., and G. B. Weible. 2,392,530; Jan. 8.
Lubricating apparatus. E. W. Davis. 2,399,171; Apr. 30.
Lubricating apparatus. J. T. Leonard. 2,399,277; Apr. 30.
Lubricating apparatus. L. C. Rotter and V. G. Klein. 2,394,488; Feb. 5.
Lubricating composition. G. D. Byrkit. 2,395,457; Feb. 26.
Lubricating composition. M. R. Fenske and G. H. Cummings. 2,407,954; Sept. 17.
Lubricating composition. R. F. McCleary. 2,402,969; July 2.
Lubricating composition, Mineral oil. E. Lieber and A. F. Cashman. 2,407,087; Sept. 3.
Lubricating compositions. E. A. Evans and J. S. Elliott. 2,396,839; Mar. 19.
Lubricating compositions. C. F. Prutton. 2,396,223; Mar. 5.
Lubricating compositions. P. R. Van Ess, F. J. Watson, and G. M. Whitney. 2,404,871; July 30.
Lubricating device. E. W. Davis. 2,403,058; July 2.
Lubricating grease compositions. L. W. Sproule and J. C. Zimmer. 2,394,567; Feb. 12.
Lubricating system. W. J. Blanchard. 2,394,889; Feb. 12.
Lubricating system. L. Robaczynski. 2,411,391; Nov. 19.
Lubricating system for rock drills. O. J. Schorer. 2,408,534; Oct. 1.
Lubricating system for two-speed transmissions. J. H. Carpenter. 2,403,579; July 9.
Lubrication. F. E. Reagan. 2,413,069; Dec. 24.
Lubrication, Art of. W. L. Finley and J. H. Kirk. 2,400,492; May 21.
Lubrication as applied to the processing of aluminum and aluminum alloys. F. E. Rosenstiehl. 2,403,238; July 2.
Lubrication, Bearing. D. B. Baker and W. O. Bechman. 2,403,326; July 2.
Lubrication control. A. S. Thompson. 2,402,467; June 18.
Lubrication for mining machine chains. F. L. Fulke. 2,400,230; May 14.
Lubrication system. W. R. Freeman. 2,394,437; Feb. 5.
Lubrication system. D. R. Rankin. 2,403,397; July 2.
Lubricator: *See*—
Journal lubricator.
Mechanical lubricator.
Railway lubricator.
Sealed bearing lubricator.
Lubricator. T. C. McBride. 2,407,842; Sept. 17.
Lubricator for refrigerating systems. H. B. Lawton. 2,394,081; Feb. 5.
Lubricator for tailstock centers, Automatic. J. and H. Turenchalk. 2,409,324; Oct. 15.
Lug, Silo and tank. C. S. Anderson. 2,406,054; Aug. 20.
Lug, Washer. F. G. Krueger. 2,406,079; Aug. 20.
Luggage attachments, Hand. D. A. Kelly. 2,392,926; Jan. 15.
Luggage carrier. D. W. MacLeod. 2,409,946; Oct. 22.
Luggage framework, Making. J. Riess. 2,397,506; Apr. 2.
Lugger, Bottle. R. Scholz. 2,399,893; May 7.
Luminescent apparatus and method of developing luminescence. H. W. Leverenz. 2,403,227; July 2.
Luminescent light source. H. W. Leverenz. 2,392,161; Jan. 1.
Luminescent marking material. L. T. Weagle. 2,396,219; Mar. 5.
Luminescent material. G. R. Fonda. 2,398,629; Apr. 16.
Luminescent material. H. C. Froelich. 2,402,955; July 2.
Luminescent material. W. O. Graff. 2,400,925; May 28.
Luminescent material. H. W. Leverenz. 2,402,757; June 25.
Luminescent material. H. W. Leverenz. 2,402,760; June 25.
Luminescent material and manufacture. H. W. Leverenz. 2,409,574; Oct. 15.
Luminescent material and preparing the same. M. Swanson. 2,396,298; Mar. 12.
Luminescent material and preparing the same. W. P. Toorks. 2,402,855; June 25.
Luminescent material, Manufacturing. H. W. Leverenz. 2,402,759; June 25.
Luminescent material, Producing. S. Isenberg. 2,397,666; Apr. 2.
Luminescent materials. H. J. Dietz. 2,409,174; Oct. 8.
Luminescent screen, and manufacture. M. Sadowsky. 2,412,654; Dec. 17.
Luminous article and method. J. R. Lynch. Re. 22,769; July 2.
Luminous material. J. R. Lynch. 2,413,459; Dec. 31.
Lunette. G. W. Kelly. 2,396,576; Mar. 12.
Lung, Self contained breathing. J. Browne. 2,402,984; July 2.
Lure and trap, Radio submarine. B. Sheffield. 2,406,111; Aug. 20.
Lure, Fish. W. L. Peterson. 2,395,641; Feb. 26.
Lure, Fish. J. H. Woodward. 2,403,202; July 2.
Lure, Fishing. F. D. Sweeney. 2,402,853; June 25.
Machine. E. E. Petzold. 2,407,512; Sept. 10.
Machine and humidity responsive control therefor. J. C. Ledbetter, E. M. Pritchard, and E. W. Sherman. 2,395,787; Feb. 26.
Machine and method of relieving trapping strain on yarns. I. W. Grothey. 2,398,785; Apr. 23.
Machine control means. E. A. Munschauer, Jr. 2,404,980; July 30.
Machine drive. B. R. Abbott. 2,404,156; July 16.
Machine element. J. D. Rovick. 2,401,192; May 28.
Machine feeding mechanism. W. C. Weber. 2,394,956; Feb. 12.
Machine for applying labels to rubber hose or cable or the like. H. O. Bates. 2,402,357; June 18.
Machine for applying pneumatic pressure to cast metals. E. O. Jensen. 2,406,333; Aug. 27.
Machine for assembling commutators. W. C. Weber. 2,394,955; Feb. 12.
Machine for breaking up cartons. M. Rusch. 2,400,263; May 14.
Machine for calculating the cost of telephone calls. B. D. Willis. 2,402,222; June 18.
Machine for charging clips which form the links of cartridge belts. F. Parry. 2,412,747; Dec. 17.
Machine for cigarette booklets or like articles, Packeting. G. D. Horgan. 2,402,047; June 11.
Machine for closing containers. M. M. Sedwick. 2,411,232; Nov. 19.
Machine for coiling metal stock. J. Balla, Sr. 2,404,424; July 23.
Machine for compressing and heating electrically thermoplastic materials. G. H. Walton, J. C. Quayle, and P. Jones. 2,401,991; June 11.
Machine for covering wires with insulating materials. G. H. Walton, J. C. Quayle, and P. Jones. 2,407,354; Sept. 10.
Machine for cutting and winding materials. O. I. Judelshon. 2,394,859; Feb. 12.
Machine for cutting blooms and the like. R. J. Scovill, Jr. 2,404,600; July 23.
Machine for cutting curved, self-conjugate indentations. A. Forster. 2,406,009; Aug. 20.
Machine for cutting food products. P. F. Quinn. 2,406,107; Aug. 20.
Machine for cutting metal workpieces, Blowtorch. T. L. Urquhart. 2,413,088; Dec. 24.

Machine for cutting tile and like workpieces. C. A. Martin. 2,399,239; Apr. 30.
Machine for cutting variable-width grooves in cutter teeth. W. P. Norton, Jr. 2,394,469; Feb. 5.
Machine for development of power in a certain direction. F. K. E. Mannerstedt and C. J. G. Darck. 2,396,185; Mar. 5.
Machine for dewaxing and lacquering paper shotgun shell cartridges. W. N. King, N. A. Romanchuk, and W. H. Ward. 2,411,042; Nov. 12.
Machine for driving curved self-retroverting nails. J. N. M. Howells. 2,403,222; July 2.
Machine for electric welding can bodies. R. M. Mero and A. Treff. 2,412,166; Dec. 3.
Machine for everting ball casings and similar articles. R. A. Sopp. 2,394,525; Feb. 5.
Machine for extracting lead from its ores. O. V. De Shazo. 2,392,526; Jan. 8.
Machine for felling trees. A. W. Randall. 2,404,655; July 23.
Machine for filling valve bags. C. A. Adams. 2,412,026; Dec. 3.
Machine for finishing the handles of shovels. G. C. Wharton. 2,406,728; Aug. 27.
Machine for fish and the like, Flaking. A. L. Christiansen. 2,403,910; July 16.
Machine for forming flat strips into articles. H. G. Woodburn. 2,402,478; June 18.
Machine for forming heavy silver lap. T. S. Ramsdell. 2,409,898; Oct. 22.
Machine for forming plastic binders. C. E. Emmer. 2,403,644; July 9.
Machine for forming tablets or other articles from powdered material by compression. H. M. Kerfoot. 2,398,146; Apr. 9.
Machine for gluing laths together. G. Maurer. 2,409,777; Oct. 22.
Machine for grinding drills and similar tools. D. T. E. Fielding. 2,408,618; Oct. 1.
Machine for grinding helical gears and other conjugate helicoidal members. I. J. Gruenberg. 2,401,561; June 4.
Machine for grinding hobs and the like. L. A. Schmidt. 2,395,910; Mar. 5.
Machine for grinding orthodontic models. W. H. Grinnell. 2,413,619; Dec. 31.
Machine for grinding the teeth of gear wheels. A. H. Orcutt. 2,411,456; Nov. 19.
Machine for handling thread. P. W. Senfleben. 2,396,754; Mar. 19.
Machine for honing camshafts. C. A. Gerlach. 2,394,438; Feb. 5.
Machine for impregnating electric insulation. J. W. Olson. 2,410,126; Oct. 29.
Machine for impregnating electric insulation. J. W. Olson and C. W. Bechle. 2,410,127; Oct. 29.
Machine for leather rolling and setting. F. W. Henning. 2,396,421; Mar. 12.
Machine for lifting and stacking receptacles. A. S. Millkin. 2,409,302; Oct. 15.
Machine for making circular lathe brushes. J. Hall. 2,411,265; Nov. 19.
Machine for making containers. W. W. Van Voorhis. 2,398,200; Apr. 9.
Machine for making fiber containers. H. J. Paynter. 2,394,007; Feb. 5.
Machine for making hinges. R. G. Cudini. 2,397,649; Apr. 2.
Machine for making hollow rivets. C. R. Nichols, Jr., and R. H. Simpson. 2,403,297; July 2.
Machine for making records on statistical cards. N. G. Holden. 2,397,605; Apr. 2.
Machine for making riffling rings or the like. M. D. Walklet. 2,412,930; Dec. 17.
Machine for making sun screens. W. B. Ewing. 2,405,197; Aug. 6.
Machine for manufacturing recessed plasterboard. R. H. Hurd. 2,392,923; Jan. 15.
Machine for manufacturing slide fasteners. N. Stern. 2,396,447; Mar. 12.
Machine for manufacturing spiral vanes. A. E. Biermann. 2,403,573; July 9
Machine for metallic cartridge belt links, Testing. P. O. Persson and C. W. Spohr. 2,405,098; July 30.
Machine for metering cement to lenses. W. T. Sherwood. 2,407,208; Sept. 3.
Machine for molding. C. S. Pfeilsticker. 2,394,260; Feb. 5.
Machine for molding thermo setting materials. R. H. Windsor and E. Gaspar. 2,410,324; Oct. 29.
Machine for operating on materials. L. A. Welsch. 2,409,968; Oct. 22.
Machine for packaged goods, Inspection. J. H. Reynolds. 2,393,188; Jan. 15.
Machine for pallets and the like, Portable hoisting and transporting. R. Hastings, Jr. 2,393,902; Jan. 29.
Machine for performing division, Calculating. A. F. Pott. 2,408,097; Sept. 24.
Machine for piercing refractory bodies. W. C. Moses. 2,402,831; June 25.
Machine for piercing wire drawing die units. J. L. Smyers. 2,412,101; Dec. 3.
Machine for producing convex surfaces. J. T. Bolas, R. W. Edwards, and W. J. Latty. 2,403,168; July 2.
Machine for producing screw threads. A. Green. 2,403,075; July 2.
Machine for producing staple fibers from slivers composed of continuous fibers. W. Holdsworth. 2,409,566; Oct. 15.
Machine for profiling masses of material. W. H. Bailey. Re. 22,737; Apr. 2.
Machine for progressive sheet metal forming, Die. H. V. Dettman. 2,405,738; Aug. 13.
Machine for rabbeting and coating the shiplap edges of siding panels. W. Johnson and J. W. H. Bruneau. 2,402,633; June 25.
Machine for ramming up molds and the like. S. M. Stoody and R. L. Abos. 2,401,198; May 28.
Machine for reinforcement of flexible webs. G. A. G. Beerli. 2,395,799; Mar. 5.
Machine for sealing bags. E. E. Messmer. 2,410,834; Nov. 12.
Machine for sealing-in of vitreous bulbs. L. D. Morand. 2,396,801; Mar. 19.
Machine for shaping stock. A. A. Schwartz. 2,409,903; Oct. 22.
Machine for shaping uppers over lasts. B. Jorgensen. 2,408,022; Sept. 24.
Machine for sharpening circular saws, milling-cutters and the like. C. E. Drake. 2,410,274; Oct. 29.
Machine for shredding, grating, and/or slicing foodstuffs. L. Orland. 2,411,333; Nov. 19.
Machine for slotting screws. J. A. Rush. 2,408,686; Oct. 1.
Machine for splitting tubular fabric, opening it and extracting moisture therefrom. H. W. Birch. 2,410,146; Oct. 29.
Machine for surfacing concrete. R. E. Davis. 2,395,399; Feb. 26.
Machine for the application of ceramic color. E. Hardesty. 2,411,269; Nov. 19.
Machine for threading coil forms. S. H. Stupakoff. 2,409,993; Oct. 22.
Machine for treating skins and the like. B. C. Nelson. 2,407,380; Sept. 10.
Machine for treating tanned skins. E. E. Winkley. 2,404,873; July 30.
Machine for use in harvesting fruit from low growing plants. N. Jelderks. 2,395,124; Feb. 19.
Machine for use in lasting shoes. C. A. Robinson. 2,394,205; Feb. 5.
Machine for use in the manufacture of prewelt shoes. E. A. Holmgren. 2,406,462; Aug. 27.
Machine for washing plates, dishes, and other articles used for meals. R. Nundy. 2,395,009; Feb. 19.
Machine for winding coils. K. H. Weber. 2,401,676; June 4.
Machine for winding fin stocks. J. D. Lear. 2,408,322; Sept. 24.
Machine for wrapping plastic materials. A. Russell, M. Parker, and R. A. Harris. 2,397,812; Apr. 2.
Machine gun feed mechanism. J. C. Trotter. 2,413,665; Dec. 31.
Machine gun, Multiple barrel. E. H. Waltke. 2,410,848; Nov. 12.
Machine guns, Sighting means for. V. Slazik. 2,412,298; Dec. 10.
Machine or apparatus for placing concrete pavements and the like. C. Jackson. 2,396,426; Mar. 12.
Machine, Sewing. N. V. Christensen and G. Sauer. 2,400,741; May 21.
Machine tool. R. H. Clark. 2,405,686; Aug. 13.
Machine tool. A. J. Conn and R. B. Stanley. 2,399,594; Apr. 30.
Machine tool. K. F. Gallimore and H. B. Kraut. 2,400,819; May 21.
Machine tool. G. J. Hartnett, Jr., and C. Ziegler. 2,396,370; Mar. 12.
Machine tool. F. W. Henke. 2,407,985; Sept. 24.
Machine tool. J. R. Huntley. 2,408,646; Oct. 1.
Machine tool. G. H. Jones. 2,395,485; Feb. 26.
Machine tool. H. B. Kraut and K. F. Gallimore. 2,393,696; Jan. 29.
Machine tool. O. and H. O. Kylin and M. L. Valentino. 2,405,435; Aug. 6.
Machine tool. M. J. Larsen. 2,392,486; Jan. 8.
Machine tool. J. H. Mansfield. 2,392,169; Jan. 1.
Machine tool. G. Melling, Sr. 2,404,859; July 30.
Machine tool. Le I. D. Noble, A. H. Stanton, Jr., and J. G. Jergens. 2,396,281; Mar. 12.
Machine tool. P. R. Powell. 2,403,119; July 2.
Machine tool. K. Rauch. 2,397,503–4; Apr. 2.
Machine tool. W. S. Rearick and G. E. Nighthart. 2,399,759; May 7.
Machine tool. R. A. Schafer. 2,405,718; Aug. 13.
Machine tool. C. H. Schurr. 2,405,522; Aug. 6.
Machine tool. J. C. Wilson. 2,398,268; Apr. 9.
Machine tool. L. I. Yeomans and De W. Clausen. 2,405,387; Aug. 6.
Machine tool control. F. A. Barnes. 2,412,957; Dec. 24.
Machine tool cutter. L. I. Kaplan and B. G. von Reis. 2,392,481; Jan. 8.
Machine tool having a torque measuring device. F. H. Bogart. 2,402,273; June 18.
Machine-tool spindle mounting and lubrication system. C. Wiken and E. A. Reibig. 2,397,178; Mar. 26.

Machine tool support. M. J. Fett. 2,392,035; Jan. 1.
Machine tool table drive. J. M. Walter. 2,396,139; Mar. 5.
Machinery, Textile. J. W. Tucker. 2,408,587; Oct. 1.
Machinist's gauge. G. Koning. 2,397,492; Apr. 2.
Magazine, Camera. I. W. Doyle and R. A. White. 2,405,587; July 9.
Magazine conversion unit. J. L. Boudreau. 2,396,816; Mar. 19.
Magazine, Film. P. W. Duke. 2,405,195; Aug. 6.
Magazine for firearms. J. Vesely. 2,407,461; Sept. 10.
Magazine for nail feeding mechanism. P. Schultze. 2,392,776; Jan. 8.
Magazine for safety razor blades. N. Testi. 2,392,433; Jan. 8.
Magazine for safety razor blades. N. Testi. 2,392,869; Jan. 15.
Magazine for safety razor blades. N. Testi. 2,405,621; Aug. 13.
Magician's device. H. Dobrin. 2,400,982; May 28.
Magnesia and potash from the waters of the Great Lake, Obtaining. A. M. Thomsen. 2,404,550; July 23.
Magnesia of magnesium silicates, Liberation of the. W. H. MacIntire. 2,393,920; Jan. 29.
Magnesium and other metals, Producing. S. E. Hybinette and F. C. Cary. 2,396,658; Mar. 19.
Magnesium carbonate, Manufacture of normal. H. W. Greider and R. A. MacArthur. 2,396,915; Mar. 19.
Magnesium carbonate, Producing molded basic. A. R. McGarvey. 2,409,297; Oct. 15.
Magnesium chloride from serpentine, Production of. C. A. Butt, A. O. Hallman, C. L. Bowden, E. P. Whitlow, and P. F. Pace. 2,398,493; Apr. 16.
Magnesium chloride fusions, Electrolysis of. W. Gardiner. 2,396,171; Mar. 5.
Magnesium chloride liquors containing suspended calcium carbonate, Producing. R. B. MacMullin and G. G. Day. 2,400,360; May 14.
Magnesium compounds, Producing. H. B. Chalmers. 2,402,370; June 18.
Magnesium compounds, Recovery of. S. B. Heath and F. R. Minger. 2,398,743; Aug. 16.
Magnesium-containing mixtures, Production of. A. C. Byrns. 2,399,096; Apr. 23.
Magnesium, Electrolytic production of. B. G. Hunt and R. B. MacMullin. 2,393,686; Jan. 29.
Magnesium, Handling molten. W. D. Holland, C. W. Berry, and W. O. McClintock. 2,399,634; May 7.
Magnesium hydroxide from sea water, H. A. Robinson, R. E. Friedrich, and R. S. Spencer. 2,405,055; July 30.
Magnesium metal and the like, Melting. E. C. Lyons. 2,408,466; Oct. 1.
Magnesium powder, Manufacturing. H. E. Hall and A. F. Knoll. 2,394,052; Feb. 5.
Magnesium, Producing. H. J. Ogorzaly. 2,393,704; Jan. 29.
Magnesium silicate adsorbent agent, Product and method of forming a precipitated. O. Fitz Simons. 2,393,625; Jan. 29.
Magnesium silicate medicament, Gastro-intestinal. R. Roseman and H. Risenberg. 2,394,107; Feb. 5.
Magnesium thiosulfate and magnesium oxide from dolomite, Production of. W. H. MacIntire. 2,403,940; July 16.
Magnesium-titanium-oxygen compounds and preparing the same. A. T. McCord and H. F. Saunders. 2,403,228; July 2.
Magnet and armature, Circuit breaker holding. D. I. Bohn. 2,412,247; Dec. 10.
Magnet, Permanent. J. D. Seaver. 2,405,455; Aug. 6.
Magnet, Permanent separating. J. J. Keboe. 2,405,655; Aug. 13.
Magnet, Pull-off. R. G. Jewell. 2,401,160; May 28.
Magnet structure, Permanent. S. I. Hitchcock. 2,404,710; July 23.
Magnetic analysis. T. Zuschlag. 2,398,488; Apr. 16.
Magnetic body. A. F. Bandur. 2,412,668; Dec. 17.
Magnetic clutch. A. M. MacCallum. 2,407,757; Sept. 17.
Magnetic clutch. T. A. Rich. 2,411,055; Nov. 12.
Magnetic compass deviation compensator. R. A. Pfuntner and E. D. Wilson. 2,405,050; July 30.
Magnetic control. I. L. Case. 2,406,489; Aug. 27.
Magnetic controlling device. J. B. Glennon, A. H. Sellman, and W. R. Maltby. 2,397,137; Mar. 26.
Magnetic core. J. B. Seastone and W. H. Brandt. 2,412,914; Dec. 17.
Magnetic core structures. A. D. Forbes. 2,393,038; Jan. 15.
Magnetic coupling means for controlling gyro instruments. R. S. Curry, Jr. 2,397,949; Apr. 9.
Magnetic deflection corrected compass. F. D. Braddon. 2,411,866; Dec. 3.
Magnetic detecting devices and supports therefor, Installing. J. F. G. Miller and R. MacHenry. 2,405,595; Aug. 13.
Magnetic device. S. Karasick. 2,404,072; July 16.
Magnetic fixture. J. H. Barrett. 2,405,773; Aug. 13.
Magnetic frequency multiplier. H. M. Huge. 2,395,389; Feb. 26.
Magnetic housing for electromagnetic devices. F. W. Godsey, Jr. 2,399,343; Apr. 30.
Magnetic inspection, Means for. M. L. Mages. 2,392,168; Jan. 1.
Magnetic lock. W. F. Stroud. 2,393,428; Jan. 22.
Magnetic materials. R. P. Cross, Jr., J. F. Dillinger, and A. N. Ogden. 2,393,295; Jan. 22.
Magnetic materials. D. R. Howerton. 2,396,375; Mar. 12.
Magnetic means for keeping umbrellas closed. L. Montalvo. 2,405,044; July 30.
Magnetic motor. C. P. Collins. 2,408,375; Oct. 1.
Magnetic separation. A. H. Schutte. 2,398,725; Apr. 16.
Magnetic separator. R. E. Crockett. 2,410,601; Nov. 5.
Magnetic separator. R. M. Tunis. 2,392,624; Jan. 8.
Magnetic signal device. L. B. Haigh and F. A. Stearn. 2,393,901; Jan. 29.
Magnetic structure. W. I. Linlor. 2,398,653; Apr. 16.
Magnetic swivel work holder. G. J. Carson. 2,409,017; Oct. 8.
Magnetic testing. G. W. Coon. 2,394,152; Feb. 5.
Magnetic valve for organs, Multiple. W. H. Reisner. 2,392,411; Jan. 8.
Magnetically operated switch. A. S. Raettig. 2,410,746; Nov. 5.
Magneto. W. D. Crocker and F. S. Coe. 2,394,234; Feb. 5.
Magneto. R. E. Phelon. 2,392,500; Jan. 8.
Magneto ignition system. L. P. Kongsted. 2,395,629; Feb. 26.
Magneto testing. B. J. Haskins. 2,402,749; June 25.
Magneto testing apparatus. M. H. Elkin. 2,396,991; Mar. 19.
Magnetron. R. J. Bondley. 2,404,212; July 16.
Magnetron. E. D. McArthur. 2,412,824; Dec. 17.
Magnetron. G. L. Usselman. 2,412,372; Dec. 10.
Magnetron and circuit therefor. C. W. Hansell. 2,409,038; Oct. 8.
Magnetron, High efficiency. P. L. Spencer. 2,408,235; Sept. 24.
Magnetron, High efficiency. P. L. Spencer. 2,410,396; Oct. 29.
Magnetron, Tunable. P. L. Spencer. 2,408,234; Sept. 24.
Magnetron, Tunable. P. L. Spencer. 2,408,237; Sept. 24.
Magnets, Manufacturing built-up permanent. T. Iseki. 2,392,592; Jan. 8.
Magnets, Manufacture of permanent. A. Linley and A. Torry. 2,398,018; Apr. 9.
Magnifier. R. F. E. Stegeman. 2,394,946; Feb. 12.
Magnifying glass attachment for lamps. A. Burski. 2,394,231; Feb. 5.
Magnifying lens system. M. Reiss. 2,394,635; Feb. 12.
Mail bag lock. J. Taylor. 2,399,952; May 7.
Mail box. E. J. Axnix. 2,407,128; Sept. 3.
Mail box fitting. W. R. Bankson. 2,405,730; Aug. 13.
Maker and breaker, Inertia operated circuit. D. C. Wiseley. 2,400,278; May 14.
Make-up and sponge container. J. L. Younghusband. 2,401,127; May 28.
Mallet, Serving. A. A. Laughery, Jr. 2,401,357; June 4.
Malonylchlorides, Producing substituted. M. S. Kharasch. 2,397,669; Apr. 2.
Mandrel. V. W. Gideon. 2,410,493; Nov. 5.
Mandrel. J. J. Palotsee. 2,392,259; Jan. 1.
Mandrel for belt stretcher, Removable. T. P. Tapper. 2,404,013; July 16.
Mandrel for forming enlarged vibration dampening elements in hose sections. W. L. Stivason. 2,395,144; Feb. 19.
Manganese electrolytes, Purification of. J. W. Hunter. 2,392,385; Jan. 8.
Manganese in metal state, Purifying. P. Guareschi. 2,396,570; Mar. 12.
Manganese, Making. T. A. Mitchell. 2,398,589; Apr. 16.
Manganese ore reduction treatment. E. M. Wanamaker, R. H. Cromwell, and H. L. Chamberlain. 2,397,824; Apr. 2.
Manicure device. C. T. Shoop. 2,408,888; Oct. 8.
Manifold assembly. A. J. Eldred. 2,409,262; Oct. 15.
Manifold, Hot spot. D. Gardner. 2,395,264; Feb. 19.
Manifold support. A. Nelson and H. H. Niemann. 2,403,823; July 9.
Manifolding assembly. J. A. Gilbert. 2,395,808; Mar. 5.
Manifolding assembly with erasure stub. J. G. Kerr and P. M. Scott. 2,400,356; May 14.
Manipulative, attention-attracting device. S. Emerson and S. H. Waldron. 2,392,908; Jan. 15.
Manipulator. E. E. Brosius. 2,397,530; Apr. 2.
Manometer. C. Meriam. 2,407,568; Sept. 10.
Manual, Service inspection. D. B. Erminger. 2,407,067; Sept. 3.
Manually operated arresting hook. G. W. Lescher and W. H. Steet. 2,407,709; Sept. 17.
Manufacture. S. Kaplan. 2,410,382; Oct. 29.
Manufacture of filaments and fibres. H. Cowling. 2,397,338; Mar. 26.
Manufacture of 4-keto-tetrahydrothiophenes. A. W. D. Avison, F. Bergel, and J. W. Haworth. 2,408,519; Oct. 1.
Manufacture of ketols and other derivatives of 1,2-diketones. D. S. Calder and K. B. Fleer. 2,401,336; June 4.
Manufacture of $MgCl_2$. R. B. MacMullin. 2,393,115; Jan. 15.
Manufacture of wire mesh fabric. G. R. Roemer. 2,401,319; June 4.
Map and location finding means therefor. C. R. Southwell. 2,411,300; Nov. 19.

Map device. W. Ryan. 2,404,988; July 30.
Margarine, Making. J. Stanley. 2,402,690; June 25.
Marine carburetor clutch control. C. Pozgay. 2,411,463; Nov. 19.
Marine drive, Diesel electric. H. H. Curry and A. M. Dudley. 2,411,367; Nov. 19.
Marine friction coupling. E. E. Arnold and V. M. White. 2,393,010; Jan. 15.
Marine oil tank. E. R. Vorenkamp. 2,402,790; June 25.
Marine structure. A. L. L. Baker. 2,398,351; Apr. 16.
Marker. T. W. Johnson. 2,395,553; Feb. 26.
Marker for airports, Luminous. E. M. Farris. 2,410,277; Oct. 29.
Marker for books and the like, Place. J. Elfel. 2,408,974; Oct. 8.
Marker mechanism, Thread. R. L. Dashew. 2,410,270; Oct. 29.
Marker, Point. C. L. Beard. 2,408,595; Oct. 1.
Marking machine. E. C. Horton. 2,408,516; Oct. 1.
Marking machine, Thread. J. Dashew. 2,412,768; Dec. 17.
Marking mechanism, Bobbin. O. W. Schlums. 2,404,462; July 23.
Marking molded blocks, Method and apparatus for. H. F. Geist. 2,395,865; Mar. 5.
Marking or embossing machine. A. Simons. 2,399,397; Apr. 30.
Markings to surfaces, Application of. P. E. James. 2,403,084; July 2.
Mask, Anesthetic. J. N. Lane. 2,393,326; Jan. 22.
Mask, Aviation. A. H. Bulbulian. 2,398,076; Apr. 9.
Mask construction. A. H. Bulbulian. 2,403,046; July 2.
Mask or helmet, Molder's. E. S. Hebeler. 2,400,993; May 28.
Mask, Photographic tone correction. R. M. Evans and W. T. Hanson, Jr. 2,405,739; Aug. 13.
Mask, Voice transmitting gas. A. V. Motsinger. 2,410,454; Nov. 5.
Mask, Welder's. W. H. Kitchen. 2,402,820; June 25.
Masonry structure and units used therewith. A. J. Bohn. 2,397,119; Mar. 26.
Massaging machine. E. W. Curtis. 2,395,040; Feb. 19.
Mast, Antenna. J. R. Campbell. 2,398,357; Apr. 16.
Mast, pole, and the like. W. C. Scrivener and A. G. Brewer. 2,410,246; Oct. 29.
Masts, Lightweight. H. A. Moore. 2,409,060; Oct. 8.
Mat and heel protector. H. Hurford. 2,410,412; Nov. 5
Mat, Ground. F. H. Ruppel. 2,402,090; June 11.
Mat, Ground. F. H. Ruppel. 2,404,097; July 16.
Match and cigarette container. G. P. Rufle. 2,410,684; Nov. 5.
Match-book making machine. N. E. Garrison. 2,392,983; Jan. 15.
Match holder and windshield. A. E. Andon. 2,411,314; Nov. 19.
Match splitting device, Safety. J. B. González. 2,396,322; Mar. 12.
Matching device, Impeding. E. Labin and J. H. Nye. 2,406,839; Sept. 3.
Material and heat transfer, Effecting. A. G. Deem. 2,394,293; Feb. 5.
Material, Drying of. W. W. Spooner. 2,401,520; June 4.
Material for providing traction. B. H. Wait. 2,410,910; Nov. 12.
Material for sealing off porous formations in wells. F. M. Anderson. 2,398,347; Apr. 16.
Material for use in the manufacture of process cheese, Making. H. W. Bryant. 2,392,362; Jan. 8.
Material forming and drawing with the aid of vibration. A. Vang. 2,393,131; Jan. 15.
Material forming apparatus. J. T. Muller. 2,398,387; Apr. 16.
Material forming apparatus. O. Stenson and R. A. Vinson. 2,393,718; Jan. 29.
Material from cereals, legumes, and other food products, Method and apparatus for removal of heavy objectionable. H. M. Sutton. 2,404,414; July 23.
Material, Handbag. B. Kalisher. 2,404,846; July 30.
Material handling and like apparatus. A. A. Saul. 2,400,890; May 28.
Material handling attachment for tractors. K. E. Martin. 2,395,634; Feb. 26.
Material handling construction. C. C. Stokes. 2,413,661; Dec. 31.
Material handling device. B. Ender. 2,412,570; Dec. 17.
Material handling mechanism. W. R. Dickson. 2,409,346; Oct. 15.
Material haulage vehicle. C. F. Osgood. 2,394,006; Feb. 5.
Material in container, Measurement of. F. F. Hauptman. 2,400,411; May 14.
Material level indicator. J. B. Gaffney. 2,399,015; Apr. 23.
Material, Sizing. A. R. Fuller. 2,403,515; July 9.
Material treating apparatus. A. W. Arnold. 2,395,090; Feb. 19.
Material treating apparatus. L. S. Petersen. 2,399,570; Apr. 30.
Material treating tank. C. S. Brown. 2,391,876; Jan. 1.
Material working apparatus, P. Komroff, S. Pitt, and D. V. Waters. 2,392,482; Jan. 8.
Material working apparatus. E. J. Svenson. 2,395,518; Feb 26.
Materials for gelatins, Flavoring. K. M. Gaver. 2,404,763; July 23.
Materials, Laminated. A. R. McGarvey. 2,410,586; Nov. 5.
Materials, Processing of. E. L. Wiegand. 2,392,019; Jan. 1.
Materials, Semiconducting. H. H. Barker. 2,397,082; Mar. 26.
Matrix assembler lever mechanism. J. W. Powers. 2,399,252; Apr. 30.
Matrix clamp. I. E. Siqveland. 2,400,172; May 14.
Matrix for making light transmitting screens. O. C. Martin. 2,404,448; July 23.
Matrix, Stereotype. F. E. Reilly. 2,401,018; May 28.
Mattress. J. W. Bowersox. 2,403,043; July 2.
Mattress. M. M. Cunningham. 2,399,628; May 7.
Mattress. M. Dubick. 2,408,382; Oct. 1.
Mattress. M. Marsack. 2,398,237; Apr. 9.
Mattress construction. A. Auerbach. 2,412,953; Dec. 24.
Mattress cover. N. C. Armstrong. 2,400,731; May 21.
Mattress renovating machine, Blower type of. E. J. Antoni. 2,397,586; Apr. 2.
Mattress sections, Operating means for inclinable. M. T. Waldo. 2,395,699; Feb. 26.
Measurement apparatus, Resonant circuit saturable core. S. C. Hoare. 2,412,046; Dec. 3.
Measurement, Circuit time constant. D. Blitz. 2,408,727; Oct. 8.
Measurement, Dimension. N. F. Agnew and W. P. Place. 2,399,305; Apr. 30.
Measurement of surface tension. H. L. Cupples. 2,401,053; May 28.
Measurement of time between pulses. W. S. Wilson. 2,412,111; Dec. 3.
Measurer and feeder, Aggregate. R. R. Colburn. 2,413,293; Dec. 31.
Measuring and control apparatus. T. R. Harrison. 2,404,342; July 16.
Measuring and control apparatus. W. P. Wills. 2,413,128; Dec. 24.
Measuring and control system. J. D. Ryder and A. J. Hornfeck. 2,402,210; June 18.
Measuring and controlling apparatus. A. H. Swanson. 2,413,120; Dec. 24.
Measuring and controlling apparatus. R. F. Wild. 2,404,344; July 16.
Measuring and cutting device. R. H. Kress. 2,393,384; Jan. 22.
Measuring and delivery means, Liquid. A. J. Whitcomb and G. Fox. 2,411,309; Nov. 19.
Measuring and dispensing apparatus, Liquid. J. A. Logan. 2,413,057; Dec. 24.
Measuring and feeding device, Automatic metal. W. H. Schwartz and N. Lester. 2,397,512; Apr. 2.
Measuring and load controlling apparatus, Strain. N. H. Roy and J. L. Biscoi. 2,411,139; Nov. 12.
Measuring and recording gas interchangeability, Method of and apparatus for. E. X. Schmidt. 2,399,830; May 7.
Measuring and testing device. A. Rickenmann. 2,407,576; Sept. 10.
Measuring apparatus. H. F. Farrance. 2,401,920; June 11.
Measuring apparatus. W. H. Kliever. 2,407,838; Sept. 17.
Measuring apparatus. J. C. Naegele. 2,413,065; Dec. 24.
Measuring apparatus. W. E. Shoupp. 2,408,230; Sept. 24.
Measuring apparatus. M. H. Taylor and T. W. Clifford. 2,412,017; Dec. 3.
Measuring apparatus. W. P. Wills. 2,404,894; July 30.
Measuring apparatus. J. R. Woodyard. 2,411,916; Dec. 3.
Measuring apparatus. R. W. Young. 2,412,665; Dec. 17.
Measuring apparatus, Electrical. C. Anderson. 2,399,903; May 7.
Measuring apparatus, Flow. J. S. Silver. 2,402,350; June 18.
Measuring apparatus, Heat. F. L. Current. 2,412,564; Dec. 17.
Measuring device. J. Bergier, A. Eskenazi, and A. Heibronner. 2,411,513; Nov. 26.
Measuring device. H. F. Farrance. 2,399,012; Apr. 23.
Measuring device. F. W. Kuppersmith. 2,397,494; Apr. 2.
Measuring device. E. E. Libman and H. Lehde. 2,398,904; Apr. 23.
Measuring device. S. Rosen. 2,410,552; Nov. 5.
Measuring device, Cloth. J. A. Firsching. 2,406,140; Aug. 20.
Measuring device, Concentric line. W. W. Hansen. 2,404,797; July 30.
Measuring device, Drink. F. H. Osborne. 2,396,527; Mar. 12.
Measuring device, Fluid quantity. H. von Hortenau. 2,406,723; Aug. 27.
Measuring device, Foot. H. E. Clarke. 2,394,149; Feb. 5.
Measuring device for photographic enlargers, Light. L. L. Weisglass. 2,411,486; Nov. 19.
Measuring device, Temperature. H. von Hortenau. 2,411,120; Nov. 12.
Measuring device, Ultra high frequency. J. W. Coltman. 2,408,198; Sept. 24.

Measuring device, Wave producing and wave frequency. S. W. Seeley. 2,403,958; July 16.
Measuring dispenser. J. Gumilar. 2,401,684; June 4.
Measuring dispenser. J. W. Porter. 2,393,478; Jan. 22.
Measuring instrument. G. A. Gruss. 2,392,916; Jan. 15
Measuring instrument. P. J. Nealon. 2,399,288; Apr. 30.
Measuring instrument. J. J. Neff. 2,397,196; Mar. 26.
Measuring instrument. O. S. Petty. 2,413,651; Dec. 31.
Measuring instrument, Additive multirange electronic. S. J. Smith. 2,413,389; Dec. 31.
Measuring instrument, Electrical. B. B. Grace. J. Handley, and G. Gilliver. 2,408,060; Sept. 24.
Measuring instrument, Electrical. J. Handley. 2,396,464; Mar. 12.
Measuring instrument, Electrical. B. E. Lenehan and G. J. Wey. 2,408,218; Sept. 24.
Measuring instrument, Electrical. A. G. Stimson. 2,411,010; Nov. 12.
Measuring instrument for determining the orbital acceleration and the functions thereof. C. von den Steinen. 2,396,617; Mar. 12.
Measuring instrument, Obstetrical. H. B. Biscow. 2,394,140; Feb. 5.
Measuring instrument, Pendulum vertical angle. R. A. Owens. 2,412,831; Dec. 17.
Measuring instrument, Pressure responsive. A. J. Rosenberger. 2,408,685; Oct. 1.
Measuring line stripping block. W. P. Morris. 2,413,367; Dec. 31.
Measuring machine, Warpage. A. A. Boehm, Jr. 2,407,648; Sept. 17.
Measuring radiations, Method of and apparatus for. R. H. Morgan and P. C. Hodges. 2,401,288; May 28.
Measuring system. A. J. Hornfeck. 2,406,221; Aug. 20.
Measuring system. W. Melas and J. Razek. 2,411,330; Nov. 19.
Measuring system. J. P. Smith. 2,410,755; Nov. 5.
Measuring system and triangular wave generator for use therein. W. A. Miller. 2,413,063; Dec. 24.
Measuring system, Frequency. O. R. Miller. 2,405,597; Aug. 13.
Measuring system, Pulse width. E. Labin and D. D. Grieg. 2,411,547; Nov. 26.
Measuring system, Temperature. J. M. Wilson. 2,407,361; Sept. 10.
Measuring system, Velocity. H. Suter. 2,402,464; June 18.
Measuring tool. M. Litman. 2,395,130; Feb. 19.
Measuring valve. R. Wedeberg. 2,392,017; Jan. 1.
Meat, Refrigeration of. J. A. Brewster and E. F. Fernandez. 2,402,121; June 18.
Meat tendering machine. A. H. Ahrndt. 2,408,747; Oct. 8.
Meat treatment. G. R. Henney and J. H. Johnson. 2,398,636; Apr. 16.
Meats containing fats in a fluid current, Dehydrating. W. A. Noel. 2,406,395; Aug. 27.
Mechanical collator. W. E. Thomas. 2,399,584; Apr. 30.
Mechanical drawing press. W. Klocke. 2,404,181; July 16.
Mechanical energy, Translating. R. D. Brown, Jr. 2,405,109; Aug. 6.
Mechanical grinding stone. A. J. Ford. 2,412,141; Dec. 3.
Mechanical impedance, Measuring. W. R. Koch. 2,394,455; Feb. 5.
Mechanical lubricator. B. E. Folke. 2,406,599; Aug. 27.
Mechanical motion, System for indicating. J. K. Johnson. 2,407,282; Sept. 10.
Mechanical movement. J. D. Bell. 2,408,546; Oct. 1.
Mechanical movement. H. L. Blum. 2,396,410; Mar. 12.
Mechanical movement. S. J. Finn. 2,394,676; Feb. 12.
Mechanical movement. A. S. King. 2,397,147; Mar. 26.
Mechanical movement. E. H. Korte. 2,405,360; Aug. 6.
Mechanical movement. E. C. Reutlinger. 2,398,963; Apr. 23.
Mechanical movement. R. I. N. Weingart. 2,413,203; Dec. 24.
Mechanical movement. C. H. Woods. 2,398,486; Apr. 16.
Mechanical refrigerating system. R. W. Waterfill. 2,394,953; Feb. 12.
Mechanical release. L. P. Frieder and W. S. Finken. 2,410,816; Nov. 12.
Mechanical shock apparatus. R. A. Baudry, F. C. Rushing, and J. C. Fink. 2,412,860; Dec. 17.
Mechanical vibrations, Producing. E. E. Turner, Jr. 2,413,012; Dec. 24.
Mechanically propelled vehicle. E. T. J. Tapp. 2,404,256; July 16.
Mechanism for actuating machine tool supports. G. A. Wahlmark. 2,395,940; Mar. 5.
Mechanism for aircraft, Arresting. C. A. Nicholson. 2,399,244; Apr. 30.
Mechanism for applying bale ties. L. B. Stants. 2,411,473; Nov. 19.
Mechanism for automobile doors, Ventilator. D. L. Chandler. 2,404,432; July 23.
Mechanism for contact printing. G. L. Hassler. 2,408,310; Sept. 24.
Mechanism for controlling the flow of fluid or gas. J. H. Bucknam, E. Meincke, and L. W. Young. 2,392,806; Jan. 15.
Mechanism for conveyers, Stripper. C. A. Davidson. 2,398,821; Apr. 23.
Mechanism for creping paper. F. P. Wood. 2,393,672; Jan. 29.
Mechanism for differential drives. H. W. Butterworth and W. B. Heinz. 2,392,226; Jan. 1.
Mechanism for feeding combustion liquids to rocket apparatus. R. H. Goddard. 2,395,113; Feb. 19.
Mechanism for film reel-supporting shafts, Braking. F. J. Wenzel. 2,398,733; Apr. 16.
Mechanism for firearms, Cartridge-extracting. D. M. Williams. 2,412,663; Dec. 17.
Mechanism for fountain pens, Filling. P. C. Hull. 2,398,531; Apr. 16.
Mechanism for fluid meters, Adjusting. W. F. Berck. 2,395,715; Feb. 26.
Mechanism for formed rotary grinders, Trimming. I. J. Gruenberg. 2,401,562; June 4.
Mechanism for gas operated firearms, Actuating. J. C. Garand. 2,393,627; Jan. 29.
Mechanism for grinding wheels, Dressing. H. N. Seyferth. 2,396,891; Mar. 19.
Mechanism for guiding multiple tools. T. Miller. 2,405,663; Aug. 13.
Mechanism for gun fire control, Spot. R. E. Crooke. 2,398,522; Apr. 16.
Mechanism for gyros, Caging. D. W. Smith. 2,393,124; Jan. 15.
Mechanism for line throwing guns, Firing. A. Hubalek. 2,399,928; May 7.
Mechanism for machine tables, Driving. L. Robaczynski. 2,396,128; Mar. 5.
Mechanism for measuring the movements of drilling tools and pipes. J. T. Hayward. 2,395,407; Feb. 26.
Mechanism for mechanical concentrating devices, Gate. C. H. J. Patterson. 2,405,976; Aug. 20.
Mechanism for milling machines, Control. L. F. Nenninger and F. A. Hassman. 2,393,928; Jan. 29.
Mechanism for milling machines, Knee actuating. L. F. Nenninger and F. A. Hassman. 2,402,290; June 18.
Mechanism for molds, Dumping. A. Fritschle. 2,409,121; Oct. 8.
Mechanism for mud guns, Mounting and operating. E. E. Broslus. 2,393,307; Jan. 22.
Mechanism for partially closing containers. C. Z. Monroe. 2,410,587; Nov. 5.
Mechanism for pneumatic tools, Control valve. H. Gillerstrom. 2,392,141; Jan. 1.
Mechanism for pressure discharge of streams of liquid. M. B. Boyce. 2,406,659; Aug. 27.
Mechanism for printer presses, Slitter. O. R. Wolf. 2,395,950; Mar. 5.
Mechanism for printing telegraph, Translating. J. T. Gilfillan, Jr. 2,413,557; Dec. 31.
Mechanism for punching to interlock sheets of material. A. Pelikan. 2,401,270; May 28.
Mechanism for regulating pumps for internal combustion engines. W. Ricart. 2,398,460; Apr. 16.
Mechanism for removing blanks from magazines and transferring the blanks to mandrels. J. Cutler. 2,396,988; Mar. 19.
Mechanism for ring doubling and like frames, Feeding. A. Davenport. 2,405,410; Aug. 6.
Mechanism for rock drills, Swinging. G. W. Hulshizer. 2,398,311; Apr. 9.
Mechanism for rotary members, Adjusting and driving. H. C. Behrens. 2,412,243; Dec. 10.
Mechanism for rotating articles. S. C. Hurley, Jr. 2,404,233; July 16.
Mechanism for sewing machines, Driving and stopping. C. L. Knott. 2,404,850; July 30.
Mechanism for surfacing polishing disks. J. Fine. 2,392,654; Jan. 8.
Mechanism for the conversion of motion according to one law into motion according to another law. J. M. Strang and I. C. Bell. 2,398,198; Apr. 9.
Mechanism for torpedoes, Starting. L. D. Alderman. 2,405,932; Aug. 20.
Mechanism for transmitting rotary motion. R. C. Turtle, and D. W. Reynolds. 2,398,568; Apr. 16.
Mechanism for vehicles, Coupling and drive. Z. Hollos. 2,391,971; Jan. 1.
Mechanism for vending machines or the like, Plural coin controlled. E. C. Johnson. 2,396,011; Mar. 5.
Mechanism for warp knitting machines, Yarn-control. R. Bassist. 2,400,064; May 14.
Mechanism for wireless sets, Tuning. C. L. Richards. 2,397,435; Mar. 26.
Mechanotherapeutic equipment. F. Kelhoffer. 2,407,283; Sept. 10.
Media for heating transfers, Noncorrosive. C. G. Gerhold. 2,394,164; Feb. 5.
Medical appliance. J. A. Forestiere. 2,406,600; Aug. 27.
Medicament, Gastro-intestinal magnesium silicate. R. Roseman and H. Eisenberg. 2,394,107; Feb. 5.
Melamine, Preparation of. J. H. Paden and J. S. Mackay. 2,396,193; Mar. 5.
Melamines, Preparing substituted. D. E. Nagy. 2,392,608; Jan. 8.
Melting furnace. W. Bonsack. 2,393,306; Jan. 22.
Meparcine dihydrochloride, Producing. W. A. Cowdrey and A. G. Murray. 2,410,406; Nov. 5.

Mercaptans, Manufacture of. W. A. Schulze. 2,392,554; Jan. 8.
Mercaptans, Preparation of. W. V. Wirth. 2,395,240; Feb. 19.
Mercaptans, Separating. H. E. Drennan. 2,408,920; Oct. 8.
Mercaptans, Synthesis of. W. A. Schulze. 2,392,555; Jan. 8.
Mercaptothiazoles, Purification of. R. A. Mathes. 2,392,935; Jan. 15.
Merchandising device. J. C. Calhoun, W. L. Davidson, and K. J. Hansen. 2,401,908; June 11.
Mercury arc device. L. M. Wittlinger. 2,403,700; July 9.
Mercury switch. R. W. Allison. 2,392,829; Jan. 15.
Mercury switch. H. L. Lambert. 2,395,884; Mar. 5.
Mercury switch. C. H. Larson. 2,401,768; June 11.
Merry-go-round for playgrounds and the like. D. A. McDonald. 2,407,843; Sept. 17.
Message exchange system, Automatic. E. E. Kleinschmidt. Re. 22,723; Feb. 19.
Messages for transmission, Preparing facsimile. A. E. Thompson and R. D. Salmon. 2,406,865; Sept. 3.
Metal aluminate adsorbents and making same. W. A. La Lande, Jr. 2,413,184; Dec. 24.
Metal ammine salts, Preparation of. G. Jones and W. Juda. 2,412,890; Dec. 17.
Metal article, Coated. M. J. Roedel. 2,406,039; Aug. 20.
Metal article, Porous. J. T. Marvin and R. P. Koehring. 2,409,295; Oct. 15.
Metal articles, Heat treatment of thin. J. D. Gold and C. D. Foulke. 2,393,363; Jan. 22.
Metal articles, Making porous. O. Rasmussen. 2,398,719; Apr. 16.
Metal bending and stretching apparatus. J. S. Nielsen and C. B. Mitchella. 2,411,801; Nov. 26.
Metal-bending machine. L. J. Wanasek. 2,401,031; May 28.
Metal bodies preparatory to hot working, Heating. K. Marsh. 2,406,554; Aug. 27.
Metal bonded abrasive articles, Forming. B. G. Chandler and W. O. Bell. 2,395,461; Feb. 26.
Metal carbonyls, Manufacture of. J. V. Fill. 2,395,999; Mar. 5.
Metal, Casting molten. E. C. Lyons. 2,401,491; June 4.
Metal coated articles, Manufacturing. W. W. Hamel. 2,400,304; May 14.
Metal, Coating. M. G. Whitfield and V. Sheshunoff. 2,396,730; Mar. 19.
Metal coating light metals. H. N. Gilbert. 2,398,738; Apr. 16.
Metal composition and bearing. F. R. Hensel and E. I. Larsen. 2,393,906; Jan. 29.
Metal, Conditioning molten. E. C. Lyons. 2,408,467; Oct. 1.
Metal container. W. F. Punte. 2,409,793; Oct. 22.
Metal cutting tool. C. E. Nordstrom. 2,410,896; Nov. 12.
Metal core for molding concrete, Collapsible. C. W. Gilliam. 2,393,765; Jan. 29.
Metal, Corrosion resistant. A. G. Taylor. 2,393,665; Jan. 29.
Metal, Corrosion resistant. R. M. Thomas and C. W. Ostrander. 2,393,664; Jan. 29.
Metal-cutting tool. R. S. Gauthier. 2,392,285; Jan. 1.
Metal disintegrating device. L. Bardos. 2,399,977; May 7.
Metal for drawing operations, Preparing. W. E. Leonard. 2,394,620; Feb. 12.
Metal framed wood container. J. E. Wilson. 2,411,121; Nov. 12.
Metal-free phthalocyanine coloring matter, Manufacture of. F. S. Palmer and P. F. Gross. 2,413,191; Dec. 24.
Metal-glass seal and sealing alloy. W. E. Kingston. 2,394,919; Feb. 12.
Metal halide solutions, Purifying. C. A. Hampel and J. E. Weller. 2,395,221; Feb. 19.
Metal halides from fluids, Removal of volatile. W. A. La Lande, Jr. 2,413,185; Dec. 24.
Metal heating or melting furnace. J. L. Roof. 2,397,810; Apr. 2.
Metal hydrides, Production of. F. R. Archibald and P. P. Alexander. 2,401,326; June 4.
Metal hydrides, Production of. M. M. Pechet. 2,392,545; Jan. 8.
Metal landing gear structure, Welded pressed. D. W. Sherman. 2,395,690; Feb. 26.
Metal, Method and apparatus for casting. R. K. Hopkins. 2,397,789; Apr. 2.
Metal, Method of machining. M. Berliner. 2,412,797; Dec. 17.
Metal objects, Process and apparatus for scaling hot. M. S. Evans and E. C. Stolberg. 2,394,514; Feb. 5.
Metal, Operating on strip. W. M. McLaughlin and G. H. Rendel. 2,397,029; Mar. 19.
Metal parts, Controlled chilling of precision. W. L. Carson. 2,396,940; Mar. 19.
Metal peroxides, Production of. L. H. Dawsey and H. A. Rudolph. 2,393,891; Jan. 29.
Metal pickling. W. H. Hill. 2,394,773; Feb. 12.
Metal plating process. F. K. Signaigo and W. J. Peppel. 2,410,844; Nov. 12.
Metal powders of high alloy content, Producing. J. Wolff. 2,407,862; Sept. 17.
Metal recovery. P. T. Stroup and C. B. Willmore. 2,408,278; Sept. 24.
Metal recovery process, Scrap. W. J. Kroll. 2,396,793; Mar. 19.
Metal repair structure. A. G. Dean. 2,412,973; Dec. 24.
Metal retorts, Operating. W. M. Peirce. 2,405,445; Aug. 6.
Metal rolls, Surfacing. L. B. Case. 2,395,101; Feb. 19.
Metal sawing machine. A. Ziska. 2,412,311; Dec. 10.
Metal, Slitting and re-coiling strip. E. Reed and D. H. Washburn. 2,399,155; Apr. 23.
Metal stacking container. J. W. Seigh. 2,412,178; Dec. 3.
Metal stock, Drawing. K. Kronwall. 2,400,866; May 21.
Metal strip coil welding machine. A. Teplitz. 2,394,822; Feb. 12.
Metal strip processing apparatus. E. R. Muddiman. 2,394,466; Feb. 5.
Metal structure, Fabricated. M. Watter. 2,403,569; July 9.
Metal sulfites and product thereof. Producing alkaline earth. G. Haywood and W. M. Welton. 2,413,321; Dec. 31.
Metal sulfonates of improved oil solubility, Producing dry. E. Arnott. 2,411,819; Nov. 26.
Metal sulphonates, Production of alkaline earth. C. B. Barbour. 2,395,713; Feb. 26.
Metal tarnish remover. H. E. Wassell. 2,393,866; Jan. 29.
Metal to plywood, Bonding. W. H. Taylor and R. L. Jones, II. 2,401,987; June 11.
Metal treating apparatus. K. J. Yost. 2,413,094; Dec. 24.
Metalworking. W. L. Carlson and R. L. Harvey. 2,399,466; Apr. 30.
Metalworking. M. J. Kulla. 2,403,805; July 9.
Metal working. E. G. Whipple. 2,394,883; Feb. 12.
Metalworking machine. H. W. Brown. 2,397,122; Mar. 26.
Metalworking machine. C. C. Grotnes. 2,398,373; Apr. 16.
Metalworking machine. H. L. Knapp. 2,401,165; May 28.
Metalworking machine. A. G. Mirel. 2,410,298; Oct. 29.
Metalworking machine. H. E. Pruitt. 2,411,110; Nov. 12.
Metalworking press. L. Loewy. 2,396,108; Mar. 5.
Metalworking process and apparatus. C. W. Hazelett. 2,408,514; Oct. 1.
Metal-working tool. M. G. Kreag. 2,392,821; Jan. 15.
Metallic carbides and steel into finished shapes, Forming. W. P. Cottrell. 2,398,132; Apr. 9.
Metallic coating composition and structure produced therefrom. F. Kertesz. 2,397,744; Apr. 2.
Metallic coatings, Apparatus for and method of producing. H. Barwich. 2,397,400; Mar. 26.
Metallic compounds adapted to form an electrical contact. I. W. Cox. 2,410,717; Nov. 5.
Metallic deposits, Production of bright. M. L. Freed and O. A. Stocker. 2,409,120; Oct. 8.
Metallic films, Making mechanically resistant and highly reflecting. C. W. Hewlett. 2,410,733; Nov. 5.
Metallic members in molded casings, Sealing of. A. J. Christopher. 2,392,311; Jan. 8.
Metallic oxide, Reduction of. N. J. Urquhart. 2,397,993; Apr. 9.
Metallic powder in spherical form, Production of. E. H. E. Johansson. 2,391,903; Jan. 1.
Metallic spheres, Making small. G. F. Taylor. 2,394,727; Feb. 12.
Metallic structure. J. P. Tarbox. 2,397,447; Mar. 26.
Metallic structure. J. P. Tarbox. 2,403,881; July 9.
Metallic values, Separation of. A. Hanak. 2,393,468; Jan. 22.
Metallurgical furnace. G. H. S. Grene. 2,412,145; Dec. 3.
Metallurgical furnace. H. J. Ness. 2,394,002; Feb. 5.
Metallurgical process. C. H. Heist. 2,397,262; Mar. 26.
Metallurgy. A. Linz. 2,399,747; May 7.
Metallurgy. C. E. Unger. 2,398,455; Apr. 16.
Metals, Casting of rare earth. H. M. Broadhurst. 2,396,636; Mar. 19.
Metals, Chemically purifying and refining. J. M. Merle. 2,395,286; Feb. 19.
Metals, Coating by evaporating. W. H. Colbert and A. R. Weinrich. 2,413,606; Dec. 31.
Metals, Corrosion protection of. W. G. Routson. 2,411,593; Nov. 26.
Metals, Deposition of. P. Alexander and E. L. Cranstone. 2,402,269; June 18.
Metals, Dyed. V. J. King. 2,393,640; Jan. 29.
Metals, Evaporating. W. H. Colbert and A. R. Weinrich. 2,413,604-5; Dec. 31.
Metals, Production of. J. C. Munday. 2,398,443; Apr. 16.
Metals, Reducing. C. R. Seliger. 2,403,463; July 9.
Metals, Refining. J. J. Howard. 2,397,418; Mar. 26.
Metals, Refining of non-ferrous. L. S. Deitz, Jr. 2,393,239; Jan. 22.
Metals, Refining of nonferrous. L. S. Deitz, Jr. 2,403,586; July 9.
Metals to powdered or granular forms, Reduction of. L. H. Paddle. 2,402,441; June 18.

Metals, Treating molten. A. T. Cape. 2,395,458; Feb. 26.
Metals, Treatment of. W. M. Roberds. 2,395,195; Feb. 19.
Metals with aluminum, Coating ferrous. K. Oganowski, N. W. Parks, and K. G. Coburn. 2,406,245; Aug. 20.
Metals with molten aluminum, Coating ferrous. H. N. Gilbert. 2,408,623; Oct. 1.
Metatarso-phalangeal ball, Cushion. B. J. Silver. 2,411,901; Dec. 3.
Meteorological recording method and apparatus. Chung-Chin Kao. 2,408,780; Oct. 8.
Meter: *See*—

Audience demand meter.	Light meter.
Cost computing meter.	Multirange meter.
Direct reading sound pressure meter.	Oscillating disk meter.
Electric distance meter.	Power factor meter.
Exposure meter.	Radiographic exposure meter.
Flow meter.	Relative humidity meter.
Fluid meter.	Rotary liquid meter.
Frequency meter.	Time interval meter.
Fuel air ratio meter.	Torque meter.
Ground speed meter.	Wide range flow meter.
Internal meter.	

Meter. F. G. Kelly. 2,411,997; Dec. 3.
Meter and coin slot therefor, Parking. W. J. and W. F. Herschede and W. N. Woodruff. 2,400,756; May 21.
Meter and indicator therefor, Interval. T. F. Bludworth. 2,394,287–8; Feb. 5.
Meter damping units, Stabilization of. S. S. Green. 2,401,730; June 11.
Meter for aircraft, Ground speed. R. B. Foster. 2,399,014; Apr. 23.
Meter for primary energy, Secondary. W. C. Wagner. 2,412,070; Dec. 9.
Meter for print-making apparatus, Exposure. G. M. Dye. 2,399,992; May 7.
Meter, Frequency. F. J. Lingel. 2,403,809; July 9.
Meter magnet assemblies, Forming. S. J. Snorek. 2,394,724; Feb. 12.
Meter mounting. H. P. Sparkes and E. G. Johansson. 2,403,132; July 2.
Meter, Parking. E. Kramer. 2,394,554; Feb. 12.
Metering and distributing apparatus, Liquid. H. Morgenroth. 2,406,239–40; Aug. 20.
Metering apparatus, Anesthetizing. J. H. Blease. 2,406,129; Aug. 20.
Metering apparatus, Fluid. A. J. Granberg. 2,411,261; Nov. 19.
Metering apparatus, Liquid. R. B. Longmate. 2,409,982; Oct. 22.
Metering device. F. LeG. Bryant. 2,411,613; Nov. 26.
Metering head, Flow meter. C. E. Cox. 2,403,849; July 9.
Metering mechanism, Fuel injection. M. E. Chandler. 2,410,774; Nov. 5.
Metering mill. L. C. Fisher and H. Imshaug. 2,412,680; Dec. 17.
Metering system. C. Oman. 2,394,096; Feb. 5.
Metering system, Toll. L. M. Potts. 2,404,654; July 23.
Meters, Accuracy regulating fluid. R. S. Bassett. 2,404,823; July 30.
Methacrylic ester and copolymers thereof. M. Hyman, Jr. 2,404,292; July 16.
Methacrylic esters and copolymers thereof. C. E. Barnes. 2,404,267–8; July 16.
Methacrylyl chloride, Producing. W. Schmidt. 2,396,609; Mar. 12.
Method. W. L. Ruigh. 2,413,000; Dec. 24.
Method and composition. E. W. Bousquet. 2,393,086; Jan. 15.
Method of and apparatus for packing or canning food and other plastic substances. W. M. Yuill. 2,393,853; Jan. 29.
Methylaminomethyl-(3-amino-4-hydroxy-phenyl) - carbinol and salts thereof. O. Schnider. 2,393,820; Jan. 29.
Methyl-beta-chloroacrylate, Producing. J. G. Lichty. 2,400,464; May 14.
Methyl ethenyloxyacetate. D. D. Coffman. 2,399,625; May 7.
Methyl formylchloro-acetate, Production of. H. E. Faith. 2,405,820; Aug. 13.
Methyl isopropenyl ketone, Polymerization of. J. W. Heyd. 2,406,684; Aug. 27.
Methyl methacrylate compositions, Preparing of modified. F. L. Johnston. 2,408,426; Oct. 1.
Methyl polysiloxane resins, Preparation of. K. N. Mathes and B. A. Wastewicz. 2,405,041; July 30.
Methyl silicon halides and their production. J. F. Hyde. 2,413,049; Dec. 24.
Methylation of phenols, Nuclear. A. Burawoy. 2,401,608; June 4.
Methylene-bis-2 hydroxy-3 naphthoates. B. Puetzer. 2,397,903; Apr. 2.
$MgCl_2$, Recovery and decomposition of. N. C. Christensen. 2,413,292; Dec. 31.
Mica and making the same, Integrated. M. D. Heyman. 2,405,576; Aug. 13.
Microammeter, Electronic. R. W. Gilbert. 2,403,521; July 9.
Microanalyzer monitoring, Electronic. J. Hillier and R. F. Baker. 2,405,306; Aug. 6.
Micro balance. W. C. Seyter. 2,404,601; July 23.
Microburet. P. A. Shaffer, Jr. 2,412,295; Dec. 10.
Microfilm render. W. F. O'Gorman. 2,403,747; July 9.
Microfilm viewer. J. K. Holbrook. 2,407,009; Sept. 3.
Microgauge system, Electric. C. F. Coake. 2,407,140–1; Sept. 3.
Micrometer. D. A. Lutton. 2,399,236; Apr. 30.
Micrometer. C. T. Rottler. 2,402,778; June 25.
Micrometer attachment. E. J. Martinec. 2,401,951; June 11.
Micrometer, Electric alignment. A. J. Brilliantine. 2,395,393; Feb. 26.
Micrometer height gauge. E. H. Sandberg. 2,400,715; May 21.
Micrometer, Speed. P. J. Jackman. 2,403,285; July 2.
Microphone. C. E. Fraser. 2,393,318; Jan. 22.
Microphone. O. Soldan. 2,410,528; Nov. 5.
Microphone. A. L. W. Williams and A. P. Dank. 2,406,119; Aug. 20.
Microphone handle. H. C. Pye. 2,410,899; Nov. 12.
Microphone, Well sounding. J. T. Kremer. 2,403,535; July 9.
Microscope. A. H. Bennett and O. W. Richards. 2,406,526; Aug. 27.
Microscope. O. W. Richards. 2,404,888; July 30.
Microscope, Electron. C. H. Bachman. 2,408,287; Sept. 24.
Microscope, Electron. J. Hillier. 2,392,243; Jan. 1.
Microscope, Electron. J. Hillier and R. F. Baker. 2,403,529; July 9.
Microscope, Electronic. B. von Borries. 2,396,624; Mar. 12.
Microspray device. H. O. Schroeder and A. W. Lindquist. 2,409,987; Oct. 22.
Midsoles, Taping. E. A. Crepeau. 2,397,245; Mar. 26.
Mildewproofing. K. M. Gaver. 2,397,732; Apr. 2.
Mildewproofing. D. M. Musser. 2,403,945; July 16.
Military cap. P. Merton. 2,398,714; Apr. 16.
Military tank. A. T. Wike. 2,399,778; May 7.
Military vehicle. D. Roeder and E. Nador. 2,397,809; Apr. 2.
Milk bottle heater. E. T. Deaton. 2,413,176; Dec. 24.
Milk cooler. W. T. Lee. 2,393,387; Jan. 22.
Milk pail attachment. A. C. Schwenker. 2,409,804; Oct. 22.
Milk powder, Producing dried. P. F. Sharp. 2,412,635; Dec. 17.
Milk, Process and apparatus for pasteurizing. H. Egli. 2,411,681; Nov. 26.
Milk products, Preservation of. C. Brunkhurst 2,412,203; Dec. 10.
Milk tester, Visual. W. E. Miller and B. J. Porter. 2,411,384; Nov. 19.
Milker support. H. B. Babson. 2,412,197; Dec. 10.
Milking machine. R. L. Hinman. 2,404,068–9; July 16.
Milking machine. J. R. Voyle and L. G. Grace. 2,396,544; Mar. 12.
Mill: *See*—

Ball forming mill.	Rolling mill.
Grinding mill.	Rotary mill:
Metering mill.	Sugar cane mill.
Pepper mill.	Vertical mill.
Pulling mill.	

Mill. L. S. Petersen. 2,396,057; Mar. 5.
Mill. R. S. Tice. 2,392,958; Jan. 15.
Mill, Airswept ball. W. L. Maxson, J. A. Fagnant, and E. H. Baxa. 2,399,051; Apr. 23.
Mill roll stand. H. C. Behrens. 2,405,637; Aug. 13.
Mill system, Air swept ball. F. T. Agthe. 2,398,989; Apr. 23.
Mill unit, Adjustable. E. G. Eppenbach and H. Imshaug. 2,412,677; Dec. 17.
Milling and like machine. S. V. Maddox. 2,392,606; Jan. 8.
Milling cutter. T. R. Goldsmith. 2,411,784; Nov. 26.
Milling cutter. C. E. Kraus. 2,407,502; Sept. 10.
Milling machine. J. B. Armitage and H. L. Heywood. 2,392,963; Jan. 15.
Milling machine. N. M. Marsilius. 2,392,752; Jan. 8.
Milling machine. E. T. Nord. 2,402,179; June 18.
Milling machine, Automatic pattern controlled. E. W. Yates and T. S. Armandroff. 2,412,549; Dec. 10.
Milling machine for cutting teeth in rack blanks and transversely grooving the work, Automatic. O. Schaerer. 2,405,856; Aug. 13.
Milling machine, Profile. B. S. T. Bishop and F. A. Bicknell. 2,405,550; Aug. 13.
Milling or like machine. J. T. Bolas and R. W. Edwards. 2,396,488; Mar. 12.
Milling process. R. J. S. Carter. 2,392,365; Jan. 8.
Milling tool. R. Gottlieb. 2,393,463; Jan. 22.
Mine clearing snake, Twin tube. G. G. Greulich. 2,409,848; Oct. 22.
Mine destroyer. L. Langner. 2,409,635; Oct. 22.
Mine firing device and control means therefor. J. B. Glennon and R. H. Park. 2,400,549; May 21.
Mine firing system. J. F. Cook, Jr. 2,396,914; Mar. 19.
Mine, Land. S. L. Metcalfe. 2,399,242; Apr. 30.
Mine mooring cutter. E. C. Craig. 2,396,686; Mar. 19.
Mine mooring cutter-toggle type. M. Kurtz. 2,396,707; Mar. 19.
Mine, Rising drifting. J. B. Glennon. 2,412,770; Dec. 17.
Mine, Submarine. A. M. Brown. 2,403,845; July 9.
Mine, Submarine. W. R. Maltby. 2,398,794; Apr. 23.
Mine sweeping control. W. Schnelchlin. 2,397,209; Mar. 26.

Mineral fiber, Hard surfacing of. M. R. Ximenez. 2,393,947; Jan. 29.
Mineral oil composition. J. H. Bishop. 2,395,093; Feb. 19.
Mineral oil composition. F. P. Otto. 2,403,453; July 9.
Mineral oil composition. O. M. Reiff. 2,392,766; Jan. 8.
Mineral oil composition. O. M. Reiff and H. J. Andress, Jr. 2,393,934; Jan. 29.
Mineral oil composition. H. G. Smith and T. L. Cantrell. 2,403,764–5; July 9.
Mineral oil composition. H. G. Smith, T. L. Cantrell, and J. C. Peters. 2,408,103; Sept. 24.
Mineral oil composition resistant to foaming. H. G. Smith and T. L. Cantrell. 2,411,671; Nov. 26.
Mineral oils and mineral oil composition containing the same, Agent for. H. G. Smith and T. L. Cantrell. 2,397,702; Apr. 2.
Mineral oils, Purifying. L. C. Waterman. 2,412,791; Dec. 17.
Mineral oils, Removing impurities from. C. H. M. Roberts. 2,404,405; July 23.
Mineral products and preparation. T. D. Callinan. 2,394,040; Feb. 5.
Mineral wool apparatus. E. R. Powell. 2,399,383; Apr. 30.
Mines, Detecting submarine. C. S. Livermore. 2,398,432; Apr. 16.
Mining. P. B. Bucky. 2,396,678; Mar. 19.
Mining apparatus. C. P. Baldwin and H. H. Vanderzee. 2,396,237; Mar. 12.
Mining apparatus. L. E. Simmons. 2,409,807; Oct. 22.
Mining device, Placer. V. C. and N. J. McKenzie. 2,400,429; May 14.
Mining device, Torpedo counter. C. H. Holm. 2,404,440; July 23.
Mining machine. E. Ramsay. 2,407,448; Sept. 10.
Mining machine bit. A. H. Genter. 2,395,545; Feb. 26.
Mining machine chain. F. L. Fulke. 2,409,978; Oct. 22.
Mining machine, Coal. R. Johnson. 2,399,438; Apr. 30.
Mining machine, Longwall. C. E. Tibbals. 2,399,073; Apr. 23.
Mining machine, Longwall. C. E. Tibbals. 2,399,713; May 7.
Mining machine, Placer. W. Thomas. 2,405,622; Aug. 13.
Miniature gasoline engine. D. Miller. 2,410,229; Oct. 29.
Minimum-voltage network and system. E. L. Harder. 2,393,043; Jan. 15.
Mirror, Colored. W. H. Colbert and W. L. Morgan. 2,394,533; Feb. 12.
Mirror, Rearview. W. H. Colbert. 2,397,947; Apr. 9.
Mirror, Rear view. L. F. Hofer. 2,408,168; Sept. 24.
Mirror, Signaling. R. S. Hunter. 2,412,616; Dec. 17.
Mirrors by thermal evaporation, Formation of. D. B. McRae. 2,394,930; Feb. 12.
Mirrors, Making colored. W. H. Colbert and W. L. Morgan. 2,411,955; Dec. 3.
Misselection indicator. L. F. Reinhold and J. A. Spencer. 2,404,813; July 30.
Mist eliminator. J. B. Baird and P. E. Dearmin. 2,400,623; May 21.
Mitten. M. and E. Linick. 2,411,926; Dec. 3.
Mixer: *See*—
Concrete mixer.
Feed mixer.
Hot metal mixer.
Motor-driven food mixer.
Vertical mixer.
Mixer. A. C. Christensen. 2,413,603; Dec. 31.
Mixer. W. H. Lewis. 2,403,536; July 9.
Mixer and cooler, Beverage. W. A. and E. K. Nelson. 2,400,773; May 21.
Mixer and distributor. J. W. Payne, E. L. Sargent, and H. G. Daley. 2,397,326; Mar. 26.
Mixer apparatus, Centrifugal. E. Roberts. 2,411,138; Nov. 12.
Mixer, Paint. M. Fox. 2,392,731; Jan. 8.
Mixing and kneading machines, Curd. P. Sartori. 2,407,617; Sept. 10.
Mixing apparatus. B. De H. Miller. 2,402,905; June 25.
Mixing apparatus. F. A. Muckley. 2,397,324; Mar. 26.
Mixing machine. D. S. Foote. 2,406,535; Aug. 27.
Mixing machine. H. J. Seaman. 2,409,646; Oct. 22.
Mixing machine, Road material. B. H. Flynn. 2,397,782; Apr. 2.
Mixing method. R. L. Brandt. 2,405,487; Aug. 6.
Mixing plant. C. H. Johnson. 2,408,397; Oct. 1.
Mixing tank. O. Thiel. 2,394,272; Feb. 5.
Mixture control, Fuel. W. F. Stanton. 2,408,104; Sept. 24.
Mixture control, Fuel. W. F. Stanton. 2,408,348; Sept. 24.
Mixture control, Fuel. W. F. Stanton. 2,408,349; Sept. 24.
Mixture, Transparent. T. Cordero. 2,402,373; June 18.
Mixtures of alkyl aryl sulphonates. L. H. Flett. 2,397,133; Mar. 26.
Mobile steam generator. R. B. Radbill. 2,410,900; Nov. 12.
Moccasin blank. B. F. Lee. 2,412,051; Dec. 3.
Modification of fatty oils. L. Auer. 2,406,337; Aug. 27.
Modulated system for portable equipment, New. H. N. Kozanowski. 2,401,573; June 4.
Modulating method and apparatus. R. M. Sprague. 2,398,054; Apr. 9.
Modulating system. R. E. Meyer. 2,395,573; Feb. 26.
Modulation control. B. M. Charchian. 2,402,598; June 25.
Modulation system. M. Cawein. 2,395,102; Feb. 19.
Modulation system. F. H. Slaymaker. 2,403,245; July 2.
Modulation system, Multiple pulse. W. A. S. Butement and A. J. H. Oxford. 2,403,210; July 2.
Modulation system, Pulse. E. Labin. 2,406,019; Aug. 20.
Modulation system, Phase. E. Labin. 2,407,887; Sept. 17.
Modulation system, Wavelength. W. van B. Roberts. 2,397,157; Mar. 26.
Modulator. J. E. Gorham and A. W. Frevert. 2,391,894; Jan. 1.
Modulator circuit. A. Alford. 2,395,441; Feb. 26.
Modulator, Electron capacity and electron capacity. R. L. Hollingsworth. 2,407,424; Sept. 10.
Modulator for echo effect, Reverberation. M. Parisier. 2,403,232; July 2.
Modulator, Reverberations. M. Parisier. 2,403,231; July 2.
Moistening device. M. S. Pollock. 2,413,652; Dec. 31.
Moistening device. W. L. Snelling. 2,399,400; Apr. 30.
Moistening device for duplicating machines, Sheet. E. W. Peterson. 2,407,443; Sept. 10.
Moisture ejection device for air pressure systems. C. W. Bassett. 2,410,799; Nov. 12.
Moisture laden articles, Drying. W. D. Wenger. 2,397,897; Apr. 2.
Moisture laden articles, Method of and apparatus for drying. C. N. Hoyler. 2,403,800; July 9.
Moistureproofing device. M. A. Shriro. 2,405,614; Aug. 13.
Moisture removal in isomerization processes. L. S. Galstaun. 2,407,231; Sept. 10.
Moisture vapor-proofing material. L. M. Burgess and G. Abson. 2,402,870; June 25.
Mold: *See*—
Cable splice vulcanizing mold.
Glass supporting mold.
Tile forming mold.
Mold. J. P. Bell. 2,392,968; Jan. 15.
Mold and forming plastics thereon. Z. T. Walter. 2,408,245; Sept. 24.
Mold core. R. K. Hopkins. 2,405,254; Aug. 6.
Mold for cementitious anchor blocks. R. W. Adams. 2,391,856; Jan. 1.
Mold for forming blocks or tiles. M. Valdastri, Sr. 2,397,223; Mar. 26.
Mold for glassware. J. C. Weber, Jr. 2,392,561; Jan. 8.
Mold for molding an extensible article. N. Barbieri. 2,403,780; July 9.
Mold for the production of pre-stressed reinforced concrete sleepers. H. L. Dowsett and R. S. V. Barber. 2,397,728; Apr. 2.
Mold for use in the manufacture of optical elements. D. P. Cooper, Jr. 2,406,742; Sept. 3.
Mold for use in the manufacture of optical elements. M. N. Fairbank and D. P. Cooper, Jr. 2,406,361; Aug. 27.
Mold for use in the manufacture of optical elements. M. Hyman, Jr. 2,407,280; Sept. 10.
Mold for use in the manufacture of optical elements. J. H. Richardson. 2,406,401; Aug. 27.
Mold in dairy products, Inhibiting. H. F. Bauer and E. F. Glabe. 2,412,596; Dec. 17.
Mold turnover mechanism. F. L. Cantrall and J. A. Carlisle. 2,402,368; June 18.
Molded articles, Manufacture of. D. H. Bangham, J. G. Bennett, R. L. Brown, W. Hirst, M. Pirani, and G. C. Philipotts. 2,404,208; July 16.
Molded compositions from unsaturated esters, Preparing. I. E. Muskat. 2,403,112; July 2.
Molded metallic articles, Production of. H. T. Bellamy. 2,397,831; Apr. 2.
Molded part and forming same. M. M. Culver and L. L. Duncan. 2,402,950; July 2.
Molded product and making. F. A. Irvine and E. Fredrick, Jr. 2,402,554; June 25.
Molded, tapered tube. R. Stewart and A. Ploger. 2,400,031; May 7.
Molding. M. Bean. 2,402,528; June 25.
Molding and gluing press. R. E. Glavin. 2,401,299; June 4.
Molding apparatus. V. S. Anderson. 2,396,406; Mar. 12.
Molding apparatus. A. J. Brunner. 2,395,316; Feb. 19.
Molding apparatus. A. J. Brunner. 2,412,671; Dec. 17.
Molding apparatus. M. M. Cunningham. 2,406,580; Aug. 27.
Molding apparatus. C. E. McCoy. 2,409,142; Oct. 8.
Molding apparatus. H. G. Rogers. 2,404,314; July 16.
Molding apparatus. C. V. Smith. 2,394,941; Feb. 12.
Molding apparatus. H. A. Storch. 2,410,312; Oct. 29.
Molding apparatus. W. A. Taylor. 2,392,707; Jan. 8.
Molding apparatus and method. L. B. Green. 2,408,629; Oct. 1.
Molding apparatus, Fluid pressure. H. G. Morner. 2,411,743; Nov. 26.
Molding composition and the article produced thereby. J. B. Monier. 2,411,666; Nov. 26.
Molding composition, Starch-melamine. D. W. Hansen. 2,408,065; Sept. 24.

Molding compositions. W. S. Traylor and D. R. Wiggam. 2,413,011; Dec. 24.
Molding compositions and articles therefor. W. E. Gloor. 2,412,611; Dec. 17.
Molding device. G. H. Frank. 2,411,254; Nov. 19.
Molding device. F. F. Morehead. 2,402,338; June 18.
Molding, Extrusion. L. B. Green. 2,402,281; June 18.
Molding machine, Block. F. C. George. 2,396,999; Mar. 19.
Molding machine, Injection. L. J. Caron. 2,395,100; Feb. 19.
Molding material, Making. J. J. Trefz and L. S. Shoberg. 2,397,323; Mar. 26.
Molding machine, Pipe. C. J. Lemont and A. J. Hoynacke. 2,398,016; Apr. 9.
Molding materials. H. Kremer. 2,405,658; Aug. 13.
Molding materials under heat and pressure. H. J. Luth, H. B. Scheidemantel, and S. R. Krupnick. 2,406,843; Sept. 3.
Molding powder and making the same. H. F. Lewis. 2,392,162–3; Jan. 1.
Molding press. H. Snow. 2,412,299; Dec. 10.
Molding, Pressure extrusion. N. Lester. 2,411,990; Dec. 3.
Molding process. J. Alfthan. 2,400,091; May 14.
Molding process. A. F. Benning and W. H. Markwood, Jr. 2,400,094; May 14.
Molding process. J. W. Hill. 2,413,498; Dec. 31.
Molding process. L. W. Vinal. 2,404,671; July 23.
Molding three-dimensional shapes from drawings, Method and apparatus for. O. H. Lucy. 2,410,888; Nov. 12.
Molds and the like, Expansion control of. X. L. Bean. 2,400,905; May 28.
Molds, Composition for making. B. L. Schmidt. 2,398,047; Apr. 9.
Molds, Making. A. H. Heyroth. 2,401,760; June 11.
Molds, Making. J. F. and W. J. Kelly. 2,411,998; Dec. 3.
Molds, Making graphite. J. Heuberger. 2,395,408; Feb. 26.
Molds, Resin casting. J. L. Brannon and S. A. Mraz. 2,400,482; May 21.
Molecular absorption of vibration, Method and apparatus for. C. W. Chamberlain. 2,407,400; Sept. 10.
Molecular centrifugal process and apparatus. O. Denys. 2,392,124; Jan. 1.
Molecular weight lignin degradation products, Making low. J. R. Salvesen, R. L. Hossfeld, and R. J. Lovin. 2,405,450; Aug. 6.
Molecular weight lignin degradation products, Producing low. J. R. Salvesen, R. L. Hossfeld, and R. J. Lovin. 2,405,451; Aug. 6.
Molten iron from iron ore, Electric furnace process for producing. H. Gallusser. 2,403,715; July 9.
Molybdenum compounds, Continuous reduction of. R. F. Rennie. 2,402,084; June 11.
Money box. P. A. González. 2,401,065; May 28.
Money holder. M. L. Ornsteen. 2,411,053; Nov. 12.
Money receptacle. L. A. Isaac. 2,392,533; Jan. 8.
Monitor, Keying. A. A. Walsh and W. C. Resides. 2,394,573; Feb. 12.
Monitoring system. H. M. Bascom. 2,407,241; Sept. 10.
Mono-aryl melamines, Preparation of. D. E. Nagy. 2,392,607; Jan. 8.
Monoazo compounds. J. B. Dickey and J. G. McNally. 2,408,004; Aug. 20.
Monoazo tetrahydroquinoline compounds. J. B. Dickey and J. G. McNally. 2,391,886; Jan. 1.
Mono-calcium citrate, Production of. R. S. Nicholls. 2,396,115; Mar. 5.
Monochlorohydantoins and salts thereof. A. O. Rogers. 2,392,505; Jan. 8.
Monodisulphide polymer. J. C. Patrick. 2,392,402; Jan. 8.
Mono-fluoro-dichloro-styrene and the manufacture of the same. V. Weinmayr. 2,398,483; Apr. 16.
Mono-olefins, Isomerizing. V. N. Ipatieff and G. S. Monroe. 2,403,439; July 9.
Monothiazyl dithiocarbonates and preparing same. E. S. Blake. 2,404,771; July 30.
Mooring device. C. A. Davis. 2,403,057; July 2.
Mop, Dust. C. Fatland. 2,408,766; Oct. 8.
Mop holder. N. Hill. 2,412,150; Dec. 3.
Mop, Self-squeezing. P. M. Jackson. 2,406,950; Sept. 3.
Mop, Vacuum-type dusting. I. McNeal. 2,394,798; Feb. 12.
Mop yarn and mop made therefrom. W. S. Briggs. 2,409,660; Oct. 22.
Mordant triazol dyestuffs, Preparing. A. Conzetti and O. Schmid. 2,412,767; Dec. 17.
Mortise gauge and cutting tool. R. A. Schmidt. 2,399,145; Apr. 23.
Mothproofing. A. H. Goddin and N. E. Searle. 2,392,733; Jan. 8.
Motion converter mechanism. C. R. Sacchini. 2,393,193; Jan. 15.
Motion display stand. L. W. Sanderson. 2,407,747; Sept. 17.
Motion for carding machines, Stop. B. F. Underwood and J. C. Grant. 2,400,275; May 14.
Motion picture apparatus. D. Canady. 2,410,711; Nov. 5.
Motion-picture projector. E. D. Boisselier. 2,396,243; Mar. 12.
Motion-picture-screen assembly, Collapsible. A. B. Hurley. 2,403,661; July 9.
Motion pictures, Projecting. F. Waller and W. R. Dresser. 2,413,269; Dec. 24.
Motion reproducing mechanism. J. D. Tear. 2,392,889; Jan. 15.
Motion, Stop. B. Plunkett. 2,403,548; July 9.
Motive power, Steam. C. J. Surdy. 2,408,701; Oct. 1.
Motor: *See*—
Air motor.
Alternate current motor.
Condensing motor.
Current motor.
Electric motor.
Electromagnetic motor.
Fluid lift motor.
Fluid motor.
Fluid operated motor.
Fluid pressure motor.
Hydraulic motor.
Intermittent current operated motor.
Jet propulsion motor.
Low speed motor.
Magnetic motor.
Pneumatic motor.
Pressure fluid follow-up motor.
Quick converting capacitor motor.
Reaction motor.
Reversible single - phase capacitor motor.
Reversible single phase motor.
Rocket motor.
Rotary heat motor.
Splash proof traction motor.
Submersible motor.
Synchronous motor.
Torsional vibratory electric motor.
Two-phase motor.
Vane motor.
Variable-speed motor.
Vibratory motor.
Windshield cleaner motor.
Windshield wiper motor.
Motor. W. E. Edelman. 2,412,254; Dec. 10.
Motor. F. J. Malina and M. M. Mills. 2,400,242; May 14.
Motor. R. A. Matheisel, Jr. 2,392,052; Jan. 1.
Motor. D. G. Smellie. 2,401,386; June 4.
Motor. M. Summerfield and D. A. Young. 2,398,125; Apr. 9.
Motor. D. A. Young and M. Summerfield. 2,398,201; Apr. 9.
Motor and circuit controls therefor, Electromagnetic. W. J. Williams. 2,402,933; June 25.
Motor and control system for motors, Electric. J. D. Lewis. 2,406,781; Sept. 3.
Motor block cleaner. F. C. Arey and De L. E. Hibner. 2,393,215; Jan. 15.
Motor bracket. D. W. Christensen and S. Sadlon. 2,400,224; May 14.
Motorcar. D. Richards. 2,401,316–17; June 4.
Motor control. C. Brongersma. 2,408,369; Oct. 1.
Motor control. O. E. Staples. 2,395,591; Feb. 26.
Motor-control circuit. R. H. Gumley. 2,395,477; Feb. 26.
Motor control, Dual. P. Schon. 2,408,098; Sept. 24.
Motor control, Electric. W. C. Spear and L. C. Schaefer. 2,403,156; July 2.
Motor control, Electronic. J. B. Reeves. 2,413,070; Dec. 24.
Motor control, Synchronized. L. A. Dunajeff. 2,412,676; Dec. 17.
Motor control system. B. O. Austin. 2,397,078; Mar. 26.
Motor control system. T. E. McDowell. 2,396,333; Mar. 12.
Motor control system, Electric. C. J. Caldbeck. 2,403,048; July 2.
Motor control system, Electric valve. L. R. Fink. 2,409,029; Oct. 8.
Motor convertible for boats or bicycles, Outboard. M. Ashpes. 2,392,567; Jan. 8.
Motor-driven food mixer. E. Nielsen and A. W. Seyfried. 2,405,707; Aug. 13.
Motor driven signal. E. L. Williams. 2,408,590; Oct. 1.
Motor driving mechanism for aircraft with adjustable propeller, Multiple. F. Nallinger and A. Friedrich. 2,396,745; Mar. 19.
Motor follow-up system, Split-phase. R. Lesnick. 2,411,608; Nov. 26.
Motor for telephone selectors. S. E. Werner. 2,404,332; July 16.
Motor fuel power induction device. W. F. Krenzke. 2,397,457; Mar. 26.
Motor fuels, Producing. W. B. Ross and K. Boldt. 2,392,949; Jan. 15.
Motor fuels, Production of. G. R. Gilbert. 2,404,050; July 16.
Motor mounting. H. W. Morgan. 2,400,248; May 14.
Motor mounting. E. F. Riesing. 2,393,505; Jan. 22.
Motor mounting. W. Wellstein. 2,400,448; May 14.
Motor of the rotary abutment type, Expansible chamber. F. Berry. Re. 22,818; Dec. 17.
Motor-operated circuit breaker. O. Jensen. 2,393,687–8; Jan. 29.
Motor or pump, Hydraulic. J. D. Buchanan. 2,397,594; Apr. 2.
Motor protector. M. C. Harrold. 2,412,981; Dec. 24.
Motor pump unit. R. T. Cornelius. 2,393,237; Jan. 22.
Motor speed control. S. Bousky. 2,395,246; Feb. 19.
Motor system, Constant speed. G. Ogurkowski. 2,405,708; Aug. 13.
Motor system, Interlocked. S. Read, Jr. 2,396,530; Mar. 12.
Motor system, Synchronized direct current. W. P. Lear. 2,403,097; July 2.
Motor vehicle. H. C. Harbers. 2,400,199; May 14.

Motor vehicle. B. C. Harris. 2,396,506; Mar. 12.
Motor vehicle. C. W. Leach. 2,398,541; Apr. 16.
Motor vehicle. A. Rappl. 2,399,652; May 7.
Motor vehicle. A. Rappl. 2,401,961; June 11.
Motor vehicle control. S. C. Fisher. 2,392,086; Jan. 1.
Motor vehicle identification tag holder. C. T. and L. H. Storm. 2,396,757; Mar. 19.
Motor vehicle periscope. D. L. Brinkley. 2,398,354; Apr. 16.
Motor vehicle steering mechanism. H. C. Harbers. 2,392,985; Jan. 15.
Motors, Control system for electric. J. V. Kresser. 2,400,999; May 28.
Motors of submersible pumps, Cooling of driving. V. A. Hoover. 2,410,973; Nov. 12.
Mount: *See*—
Aerial camera mount.
Mount for aircraft, Resilient. R. H. Prewitt. 2,395,143; Feb. 19.
Mount for machine guns. J. M. Ewart. 2,403,591; July 9.
Mount for optical elements. J. Mihalyi. 2,403,737; July 9.
Mount for telescopic gun sights. H. A. Williams and P. A. Jung. 2,396,404; Mar. 12.
Mount for telescopic sights. W. H. English. 2,407,977; Sept. 24.
Mount, Gun. J. C. Trotter. 2,410,614; Nov. 5.
Mount, Hand mirror. J. Casalino. 2,404,472; July 23.
Mount, Instrument panel. C. S. Robinson. 2,410,749; Nov. 5.
Mount, Machine gun. G. Johnston. 2,407,884; Sept. 17.
Mount, Ordnance. D. C. Olmore. 2,397,687; Apr. 2.
Mount, Picture. C. N. Cross. 2,405,409; Aug. 6.
Mount, Power operated gun. R. C. Blaylock. 2,400,385; May 14.
Mount, Reel. H. A. Kiest. 2,400,007; May 7.
Mount, Segment type resilient engine. R. S. Thompson. 2,411,562; Nov. 26.
Mount, Stereoscopic camera. D. D. Donaldson. 2,400,455; May 14.
Mounting: *See*—
Adjustable drill mounting.
Aerial mounting.
Antenna mounting.
Bearing mounting.
Collar and collar mounting.
Cross shaft mounting.
Crystal mounting.
Cushion mounting.
Desk set mounting.
Disk mounting.
Drapery mounting.
Electrical switch and outlet box mounting.
Electromagnetic switch coil mounting.
Engine valve mounting.
Fan and motor mounting.
Fifth wheel mounting.
Fuel tank mounting.
Funnel guide mounting.
Gun and sight mounting.
Gun mounting.
Headlight mounting.
Hearing mounting.
Helicopter rotor mounting.
Impeller mounting.
Lighthouse tube mounting.
Meter mounting.
Motor mounting.
Ophthalmic mounting.
Phonograph tone arm mounting.
Piezoelectric crystal mounting.
Propeller mounting.
Rear-view mirror mounting.
Refrigerator motor - compressor mounting.
Resilient mounting.
Rubber spring mounting.
Screw or threaded rod mounting.
Shade mounting.
Sheave mounting.
Shielded tube mounting.
Shock-absorbent mounting.
Shockproof mounting.
Spectrometer prism mounting.
Tool mounting.
Tractor generator mounting.
Tubular lamp mounting.
Turret mounting.
Valve tappet mounting.
Vehicle seat mounting.
Vehicle wheel mounting.
Vehicle window regulator mounting.
Mounting. P. C. Roche. 2,406,256; Aug. 20.
Mounting and assembly for snap-action electric switches, Spring. H. E. Schleicher. 2,408,274; Sept. 24.
Mounting and brake therefor, Combined wheel. E. E. Wallace. 2,410,470; Nov. 5.
Mounting and control mechanism, Gun. P. T. Tucker, W. G. Stewart, and J. H. Tanner. 2,408,707; Oct. 1.
Mounting and propulsion, Adjustable. A. Montalbano. 2,399,500; Apr. 30.
Mounting construction, Rectifier stack. M. Enderlin. 2,408,052; Sept. 24.
Mounting device. M. A. Shriro and A. Hindin. 2,402,682; June 25.
Mounting device arranged in loom shuttle for the winding supports, particularly flat winding supports. G. Wiget. 2,393,876; Jan. 29.
Mounting for aircraft landing elements, Retractable. G. H. Dowty. 2,392,905; Jan. 15.
Mounting for automotive motor and transmission assembly. B. A. Swennes and L. E. Shelton. 2,413,264; Dec. 24.
Mounting for bobbin receivers for weft replenishing looms. W. H. Wakefield. 2,411,948; Dec. 3.
Mounting for cleaner elements. J. T. Beatty and D. L. Bennett. 2,406,188; Aug. 20.
Mounting for control members of aircraft, Hinged. J. Martin. 2,393,547; Jan. 22.
Mounting for cooking stoves or the like, Door. G. Klein. 2,410,980; Nov. 12.
Mounting for coolant tubes. A. Kalitinsky. 2,412,341; Dec. 10.
Mounting for damper plates, Pivotal. R. A. Walker. 2,405,770; Aug. 13.
Mounting for earth movers, Pusher arm rear-end. E. W. Austin. 2,396,407; Mar. 12.
Mounting for earthworking roller units, Rearing. T. G. Schmeiser. 2,404,535; July 23.
Mounting for electric switches, Portable. H. R. Harrison. 2,408,300; Sept. 24.
Mounting for electrical apparatus. W. Schaelchlin. 2,393,071; Jan. 15.
Mounting for fragile instruments, Vibration and shock. T. H. Nakken and R. L. Stone. 2,397,804; Apr. 2.
Mounting for guns or dischargers. C. D., A. J., and C. Schermuly. 2,405,099; July 30.
Mounting for handle bars, Resilient. S. du Pont, 2,396,041; Mar. 5.
Mounting for liquid fuel burners, Adjustable. C. Shommer. 2,404,663; July 23.
Mounting for pneumatic tires, Rim and wheel. H. A. Mullin. 2,392,493; Jan. 8.
Mounting for pulleys, etc. D. Firth. 2,396,414; Mar. 12.
Mounting for punch and die tools, Convertible. W. Wilson. 2,395,082; Feb. 19.
Mounting for retractable lamps, Motor. C. E. Meyerhoefer. 2,407,570; Sept. 10.
Mounting for road machine mold boards, Universal. H. C. French. 2,412,574; Dec. 17.
Mounting for shells, Roller. L. H. Johnson. 2,399,189; Apr. 30.
Mounting for sprockets in motion-picture apparatus. E. J. Wienke. 2,396,545; Mar. 12.
Mounting for switches and the like. R. Haynes. 2,406,295; Aug. 20.
Mounting means for gyroscopes. B. L. Allison and L. J. Wong. 2,409,178; Oct. 15.
Mounting means, Wheel. W. H. Silver. 2,399,396; Apr. 30.
Mounting stack. C. W. Barbour, Jr. 2,405,554; Aug. 13.
Mouthpiece for musical instruments. A. Brilhart. 2,397,593; Apr. 2.
Movement, Geneva. K. Brenkert. 2,399,721; May 7.
Movement, Mechanical. R. S. Wilson. 2,407,859; Sept. 17.
Mounting mechanism, Gun. F. V. Hart and L. S. Linderoth, Jr. 2,409,041; Oct. 8.
Mouthpiece, Instrument. J. S. Murano. 2,411,692; Nov. 26.
Mover, Earth. H. W. Rockwell. 2,394,483; Feb. 5.
Mover for electric catapults, Prime. R. C. Jones and M. F. Jones. 2,406,381; Aug. 27.
Moving apparatus and control therefor. A. P. Konter. 2,401,082; May 28.
Moving device, Earth. V. L. Schield. 2,405,981; Aug. 20.
Moving vehicles, Method and apparatus for controlling. E. W. Dinga. 2,397,475; Apr. 2.
Mower. S. E. Hilbiom. 2,403,365; July 2.
Mower attachment for garden tractors, Sickle bar. F. V. Donald. 2,397,310; Mar. 26.
Mower, Push. A. T. Peterson. 2,407,767; Sept. 17.
Mowers, Cutter bar for lawn. J. A. E. Carlson. 2,401,611; June 4.
Mucking and loading machine. B. Williams. 2,399,416; Apr. 30.
Mud logging system. F. E. Hummel. 2,400,046; May 7.
Mud screen. F. E. Hutchison. 2,408,558; Oct. 1.
Mud, Well drilling. E. P. Partridge. 2,393,560; Jan. 22.
Muff, Ear. E. Berg. 2,413,283; Dec. 31.
Muff, Brazed cylinder. A. A. Merry. 2,400,157; May 14.
Muffler. G. H. Hedrick. 2,398,788; Apr. 23.
Muffler. F. P. Huber. 2,396,952; Mar. 19.
Muffler. M. Katcher. 2,392,247; Jan. 1.
Muffler. R. B. Kuhn. 2,395,005; Feb. 19.
Muffler. C. Peters. 2,402,078; June 11.
Muffler. U. Sauer. 2,403,403; July 2.
Muffler, Engine exhaust. E. A. Kliewer, Sr. 2,392,989; Jan. 15.
Muffler for marine power plants. H. W. Monaghan. 2,404,589; July 23.
Multichannel system. E. Labin. 2,408,077; Sept. 24.
Multicircuit connector. A. Wall. 2,409,004; Oct. 8.
Multicontact relay. A. W. Vincent. 2,410,136; Oct. 29.
Multidrive gear box. C. R. Waselge. 2,410,849; Nov. 12.
Multifilament lamp. J. H. Homrighous. 2,405,789; Aug. 13.
Multiflash lamp. H. H. Magdsick. 2,404,970; July 30.
Multiple anchoring means. E. A. Miller. 2,393,923; Jan. 29.
Multiple chamber fluid container. J. W. Liska. 2,404,578; July 23.
Multiple contact countercurrent extractor. C. E. Mensing. 2,405,158; Aug. 6.
Multiple crystal holder. H. M. Bach. 2,409,607; Oct. 22.
Multiple disk energizing clutch. H. T. Lambert. 2,407,022; Sept. 3.
Multiple electric fuse plug. R. J. Peralta. 2,401,958; June 11.
Multiple hinge structure. W. A. Shearer. 2,400,608; May 21.
Multiple injection pump. L. Beeh. 2,405,938; Aug. 20.
Multiple program system. S. W. Seeley. 2,403,957; July 16.

Multiple quick disconnect coupling. J. R. Snyder. 2,399,515; Apr. 30.
Multiple rectifier cooling system. C. A. Kotterman. 2,412,989; Dec. 24.
Multiple response supervisory system. J. A. Long and W. F. Wolfner, II. 2,411,888; Dec. 3.
Multiple stage cyclonic separator. H. Rodman. 2,402,845; June 25.
Multiplier circuit. F. P. Wipff. 2,401,447; June 4.
Multiplier, Dynamic. R. Coldberg and F. Michels. 2,396,554; Mar. 12.
Multiplier, Electron. F. J. G. van den Bosch. 2,408,709; Oct. 1.
Multiplier, Frequency. E. G. Linder. 2,401,945; June 11.
Multiplier, Photoelectric electron. R. B. Janes. 2,401,734; June 11.
Multiplying device, Electromechanical. A. W. Vance. 2,401,527; June 4.
Multiplying mechanism. L. W. Imm. 2,394,181; Feb. 5.
Multiplying unit. H. L. Clary and W. H. Petit. 2,403,480; July 9.
Multipolar winding, Polyphase. M. Liwschitz. 2,408,219; Sept. 24.
Multiport valve. C. T. McGill, D. W. Wessel, and M. W. Smith. 2,398,437; Apr. 16.
Multiposition rotary switch. A. P. Sullivan. 2,411,478; Nov. 19.
Multirange meter. R. W. Clark. 2,400,190; May 14.
Multirevolution electrical control system. M. N. Yardeny. 2,393,492; Jan. 22.
Multistack nested article dispensing apparatus. J. D. Reifsnyder and A. F. Miller. 2,394,262; Feb. 5.
Multistage centrifugal pump. E. G. Landberg. 2,407,987; Sept. 24.
Multiterminal structure. M. C. Gaythier. 2,411,783; Nov. 26.
Music reproduction system. J. H. Snodgrass. 2,396,756; Mar. 19.
Musical chime construction. G. R. Fish. 2,412,978; Dec. 24.
Mute for stringed musical instruments. R. B. Kingman. 2,405,700; Aug. 13.
Muzzle closing mechanism. V. F. Lucht. 2,409,637; Oct. 22.
Mycelex products. G. Buechner. 2,400,337; May 14.
N-(A-etherified-acetyl) carbamic acid esters. L. B. Kilgore and K. H. Weber. 2,401,080; May 28.
N-acyl derivatives of aminohiphenyls. E. W. Gluesenkamp. 2,396,502; Mar. 12.
N-benzyl-N-alkyl morpholinium compounds. J. B. and V. Niederl, and M. E. McGreal. 2,406,892; Sept. 3.
N-hydrocarbon substituted pyrrolidine salts of mononuclear dinitro-phenols. E. C. Britton and J. N. Hansen. 2,395,315; Feb. 19.
N,n'-dicycloaliphatic-p-phenylenediamines, Preparation of. E. W. Cook and W. D. Thomas, Jr. 2,393,889; Jan. 29.
N,n-diethylbenzamide as an insect repellent. S. I. Gertler. 2,408,389; Oct. 1.
N-nitroaryl haloarylsulphonamides. W. F. Hester. 2,402,623; June 25.
N-phosphatoarylenediamines. J. B. Dickey and J. G. McNally. 2,411,527; Nov. 26.
N-(polyhydroxyalkyl)-arylamines, Manufacture of. F. Bergel, A. Cohen, and J. W. Haworth. 2,411,611; Nov. 26.
N-substituted aminophenols, Preparation of. F. R. Bean. 2,394,587; Feb. 12.
N-substituted derivatives of 5-amino-1,3-benzodioxoles. H. Z. Lecher and J. P. Goulding. 2,409,133; Oct. 8.
N - (thiazyl - thio - methylene) urethanes. W. Scott. 2,400,469; May 14.
Nail. K. Klein. 2,412,517; Dec. 10.
Nail, Coated. W. E. Boak. 2,403,783; July 9.
Naphtha, Improving. R. N. Meinert and P. H. Holt, II. 2,410,891; Nov. 12.
Naphtha, Isomerization of light. C. W. Nysewander and N. Fragen. 2,395,680; Feb. 26.
Naphtha, Treatment of cracked. J. A. Anderson, Jr. 2,405,935; Aug. 20.
Naphthenes, Alkylation of. L. Schmerling. 2,404,100; July 16.
Naphthoquinone series, Compounds of. D. X. Klein. 2,399,355; Apr. 30.
Navigating device. M. E. Sohn. 2,395,351; Feb. 19.
Navigating method and apparatus. J. Neufeld. 2,412,003; Dec. 3.
Navigation instrument. A. MacKay. 2,411,690; Nov. 26.
Navigation instrument, including a horizon attachment. E. A. Link. 2,395,559; Feb. 26.
Navigation system. T. M. Ferrill, Jr. 2,393,624; Jan. 29.
Navigation system, Instrument. C. B. Watts, Jr. 2,406,876; Sept. 3.
Navigational instrument. C. J. Crane. 2,393,310; Jan. 22.
Navigator. A. Meyer. 2,407,893; Sept. 17.
Nebulizer. G. B. Robinson. 2,396,204; Mar. 5.
Neck band clamp mechanism. E. Davis. 2,409,110; Oct. 8.
Neckband for collars and shirts, Adjustable. R. E. Franklin. 2,396,842; Mar. 19.
Necktie. R. E. Edmondson. 2,409,744; Oct. 22.
Necktie. J. E. Johnson. 2,404,962; July 30.
Necktie. W. S. Romme. 2,408,885; Oct. 8.
Necktie. J. T. Scully. 2,400,604; May 21.
Necktie, G. W. Stein. 2,396,446; Mar. 12.
Necktie. A. F. Taborski. 2,411,907; Dec. 3.
Necktie. A. F. Taborski and J. W. Terry. 2,408,455; Oct. 1.
Necktie blanks, Cutting out four-in-hand. P. M. Spiecker 2,402,302; June 18.
Necktie construction. L. de V. Whitman. 2,413,398; Dec. 31.
Necktie form. M. M. Newman. 2,402,291; June 18.
Necktie holder. M. Pumps. 2,406,400; Aug. 27.
Necktie knot form. C. E. Saxton. 2,411,610; Nov. 26.
Neckties, Making. V. Naftali. 2,404,981; July 30.
Neckwear, Men's. H. Pfau. 2,411,753; Nov. 26.
Neckerchief and making the same. G. and V. F. Wipper. 2,402,705; June 25.
Neckerchief display knot and making same. G. and V. F. Wipper. 2,405,921; Aug. 13.
Needle and operating same, Knitting machine. R. C. Amidon. 2,403,961; July 16.
Needle bar mechanism, Sewing machine. C. W. Johnson 2,402,251; June 18.
Needle-controlling mechanism for knitting machines. R. Bassist. 2,406,579; Aug. 27.
Needle, Crochet. F. Franz. 2,402,388; June 18.
Needle for hand knitting. O. C. Semonsen. 2,399,264; Apr. 30.
Needle, Hypodermic. R. L. Huber. 2,409,979; Oct. 22.
Needle, Knitting. R. C. Amidon. 2,400,476; May 21.
Needle, Knitting machine. R. C. Amidon. 2,399,308; Apr. 30.
Needle, Phonograph. W. H. Hutter. 2,405,307; Aug. 6.
Needle, Sewing machine. M. M. Newman. 2,409,445; Oct. 15.
Needle threader. M. Ingwer and W. W. Schwartz. 2,411,686; Nov. 26.
Needle threading instrument. E. D. Gorka and M. B. Gideon. 2,412,505; Dec. 10.
Needlework with tied loops, Knotted. R. F. Morcaldi D'. 2,407,031; Sept. 3.
Needles, Making knitted. H. W. Donisthorpe. 2,396,412; Mar. 12.
Needles, Stringing. E. E. West. 2,401,535; June 4.
Needles, Threading. B. T. Wall. 2,413,014; Dec. 24.
Negative impedance circuit. K. S. Johnson. 2,410,076; Oct. 29.
Neon lamp volume indicator. M. Camras. 2,411,848; Dec. 3.
Neoprene, Curing. B. W. Bender. 2,411,773; Nov. 26.
Neoprene in aqueous media, Dispersions of. F. N. Wilder. 2,405,724; Aug. 13.
Neoprene, Vulcanizing. J. P. Nowlen and M. F. Torrence. 2,402,837; June 25.
Nested serving table. A. R. Fergusson. 2,409,027; Oct. 8.
Net, Aircraft landing. H. T. Bogle. 2,405,556; Aug. 13.
Net, Camouflage. D. L. Swasey. 2,402,709; June 25.
Net, Machine-made. A. E. Hunter and S. F. Topott. 2,412,336; Dec. 10.
Net, Making. M. G. Grabowsky. 2,408,308; Sept. 24.
Net, Torpedo. G. H. Bannerman. 2,404,612; July 23.
Net, Torpedo. A. E. Brickman. 2,408,367; Oct. 1.
Net, Torpedo. H. W. Riddle. 2,408,482; Oct. 1.
Network, Coupled. R. B. Hoffman. 2,401,353; June 4.
Network, Electrical. E. K. Stodola. 2,397,992; Apr. 9.
Network, Frequency changing. C. M. L. Eyre and J. O. Gilderdale. 2,408,053; Sept. 24.
Network, Selectivity adjustment coupling. R. W. Turner. 2,400,857; May 21.
Network, Time delay. M. J. Di Toro. 2,413,607–8; Dec. 31.
Network, Time delay. H. A. Wheeler. 2,413,609; Dec. 31.
Netted fabric. M. Sadinoff. 2,399,392; Apr. 30.
Neutralizing apparatus and manufacture of same. W. H. Chapman. 2,392,808; Jan. 15.
New composition of matter. A. Burger. 2,400,913; May 28.
New products. A. F. Hardman. 2,405,886; Aug. 13.
Newspaper vending machine. D. D. Cameron. 2,396,411; Mar. 12.
Newspapers and the like, Folding. K. C. Garrison. 2,410,059; Oct. 29.
Nickel and ammonia, Recovery of. R. C. Hills. 2,400,114; May 14.
Nickel and cobalt, baths and agents therefor, Electroplating. M. L. Freed. 2,409,119; Oct. 8.
Nickel and/or cobalt from nickeliferous ores, Recovery of. R. C. Hills and M. F. Dufour. 2,400,115; May 14.
Nickel and/or cobalt from ores, Recovery of. V. H. Brogdon. 2,400,098; May 14.
Nickel anodes electrolytically, Making sulphur-containing. H. E. Tschop. 2,392,708; Jan. 8.
Nickel, Electrodeposition of. H. Brown. 2,402,801; June 25.
Nickel, Electrodeposition of. M. Kosmin. 2,401,428; June 4.
Nickel, Refining. W. J. Kroll. 2,396,792; Mar. 19.
Nickel, Refining. W. J. Kroll. 2,396,794; Mar. 19.
Nicotinamide, Preparing. E. F. Pike and R. S. Shane. 2,412,749; Dec. 17.
Nicotinic compounds, Synthesis of. W. Shive and R. A. Glenn. 2,409,806; Oct. 22.

Nightgown, Two-piece. M. Schwartz. 2,402,782; June 25.
9,10-epoxyoctadecanol and its preparation. D. Swern. 2,411,762; Nov. 26.
Nipple applying instrument. M. H. Sidebotham. 2,408,693; Oct. 1.
Nipple inserting tool. R. G. Cox. 2,400,686; May 21.
Nitrate, Manufacture of cellulose. L. L. Byler. 2,399,620; May 7.
Nitrating amines. G. V. Caesar and M. Goldfrank. 2,398,050; Apr. 9.
Nitration. G. V. Caesar. 2,400,287; May 14.
Nitriding apparatus. N. M. Salkover. 2,392,267; Jan. 1.
Nitrile, Production of acrylic. F. R. Balcar. 2,392,303; Jan. 8.
Nitriles, and making the same. J. G. Lichty. 2,394,520; Feb. 5.
Nitriles, Production of unsaturated. H. A. Dutcher. 2,404,280; July 16.
Nitriles, Production of unsaturated. C. R. Wagner. 2,412,437; Dec. 10.
Nitriles, Purifying. A. W. Ralston, L. T. Crews, and E. W. Colt. 2,401,772; June 11.
Nitriles, Refining of. J. W. Teter and W. J. Merwin. 2,411,346; Nov. 19.
Nitriles, Synthesis of. D. J. Loder. 2,405,966; Aug. 20.
Nitrocellulose film base, Stabilization of. D. R. Swan and J. M. Calhoun. 2,407,209; Sept. 3.
Nitrocellulose, Manufacturing. F. J. Bouchard, R. C. Gunness, and R. L. Stern. 2,403,493; July 9.
Nitro-cellulose, Producing. H. Von Kohorn. 2,410,319; Oct. 29.
Nitrocellulose, Stabilization of. R. E. Reeves and J. E. Giddens. 2,404,887; July 30.
Nitro compounds, Manufacture of. G. D. Buckley. 2,408,607; Oct. 1.
Nitro compounds, Reduction of. J. J. Owen. 2,402,439; June 18.
Nitro compounds, Reduction of aromatic. R. B. Mason. 2,402,423; June 18.
Nitrogen compounds, Preparation of. C. E. Schweitzer. 2,413,469; Dec. 31.
Nitrogen from internal-combustion engine exhaust gases, Producing. E. L. Fridonoff and A. J. Schneider. 2,409,386; Oct. 15.
Nitrogen tetroxide addition products, Preparation of. J. A. Crowder. 2,402,315; June 18.
Nitrogenous resins and intermediates therefor, Synthetic. W. O. Kenyon and D. D. Reynolds. 2,409,126; Oct. 8.
Nitroguanidine, Preparation of pure. F. D. Miles and H. Jackson. 2,392,880; Jan. 15.
Nitro ketals and preparation thereof. G. H. Morey. 2,406,504; Aug. 27.
Nitrolic acids and pseudonitroles, Preparation of. E. M. Nygaard. 2,401,267–8; May 28.
Nitronaphthalene compositions, Halogenated. F. M. Clark. 2,402,872; June 25.
Nitroparaffin derivatives, Production and esterification of esterifiable. A. McLean. 2,399,686; May 7.
Nitro-paraffins, Production of. N. Levy. 2,394,315; Feb. 5.
Noise limiting circuit. G. W. Fyler. 2,404,626; July 23.
Noise squelch system. R. A. Peterson. 2,400,948; May 28.
Nonbenzenoid compounds. L. W. Butz. 2,405,540; Aug. 6.
Nonbenzoid compounds. L. W. Butz. 2,391,943; Jan. 1.
Nonchafing catamenial pad. J. P. Canavan. 2,408,508; Oct. 1.
Noncombustible fuel tank. B. Walker. 2,404,418; July 23.
Nonfoaming compositions, and making same. G. H. B. Davis and J. C. Zimmer. 2,394,596; Feb. 12.
Non-friction bearing ball dispenser. J. D. Farries. 2,407,409; Sept. 10.
Nonicing throttle valve. H. Eberhardt. 2,393,760; Jan. 29.
Nonintermittent motion-picture projector. C. D. Miller. 2,400,886; May 28.
Nonrefillable container. N. Archidiacano. 2,400,730; May 21.
Nonreturn valve. H. O. Farmer. 2,408,056; Sept. 24.
Nonskid chain. J. Sweeney. 2,403,312; July 2.
Nonspill vent plug. R. A. Daily and L. G. Crooks. 2,405,736; Aug. 13.
Norpolycyclopentenones. H. A. Bruson. 2,393,607; Jan. 29.
Nose pump. Q. Hor. 2,412,269; Dec. 10.
Notice impelling device. R. Mistell. 2,405,320; Aug. 6.
Novel composition of matter. I. E. Muskat and F. Strain. 2,399,285; Apr. 30.
Novelty device. M. V. Sullivan. 2,402,463; June 18.
Nozzle. O. D. Shonnard. 2,392,195; Jan. 1.
Nozzle adjustment for suction cleaners. P. T. Hahn. 2,396,846; Mar. 19.
Nozzle control. D. M. Poole. 2,411,895; Dec. 3.
Nozzle device for enrobers on chocolate coating machines and the like, Air blast. A. A. Tunley. 2,410,762; Nov. 5.
Nozzle, Fog producing. F. W. Funke. 2,395,621; Feb. 26.
Nozzle for air grease guns, Coupling. E. B. Norman. 2,403,678; July 9.
Nozzle for duodenal pump tubes. C. De P. Aguiar. 2,393,728; Jan. 29.
Nozzle for filters and the like, Distribution. J. Bill, Jr. 2,412,032; Dec. 3.
Nozzle for jet-propelled aircraft, Variable-area. A. Sherman. 2,408,099; Sept. 24.
Nozzle for shipping containers, Reversible. G. H. W. Doose. 2,413,438; Dec. 31.
Nozzle, Injection. T. M. Ball. 2,407,915; Sept. 17.
Nozzle, Injection. W. E. Snowden and H. F. Raynor. 2,413,083; Dec. 24.
Nozzle, Mixing. E. O. Sowerwine, Jr. 2,399,712; May 7.
Nozzle, Multipart distribution. L. T. Mart. 2,409,371; Oct. 15.
Nozzle, Sandblast. J. R. Bugley. 2,413,167; Dec. 24.
Nozzle, Sandblast. J. A. Heany. 2,395,479; Feb. 26.
Nozzle, Spearhead. W. Rundle and H. E. Bruce. 2,411,231; Nov. 19.
Nozzle, Spray. C. B. Ferrel. 2,392,085; Jan. 1.
Nozzle, Spray. H. G. Houghton. 2,410,215; Oct. 29.
Nozzle, Spray. F. W. Wahlin. 2,396,449; Mar. 12.
Nozzle, valve, and valve disk fastening means, Dispensing. C. F. Sievers. 2,406,914; Sept. 3.
Nozzle, Variable turbine. F. P. Sollinger. 2,412,365; Dec. 10.
Number-printing apparatus, Consecutive. G. N. Krouse. 2,404,912; July 30.
Nursing bottle holder. M. Rayko. 2,412,426; Dec. 10.
Nursing bottle holder. C. C. Riggs. 2,399,389; Apr. 30.
Nursing bottle support. L. D. and H. B. Brose. 2,399,320; Apr. 30.
Nut. T. W. Hilton. 2,399,227; Apr. 30.
Nut. R. W. Luce. 2,396,588; Mar. 12.
Nut, Adjustable. L. Frank. 2,393,764; Jan. 29.
Nut and bolt, Lock. L. D. Rounds. 2,398,965; Apr. 23.
Nut and screw mechanism. O. L. Beardsley. 2,406,343; Aug. 27.
Nut and screw mechanism. T. W. Millns. 2,393,924; Jan. 29.
Nut blanks, Making. R. L. Wilcox. 2,393,850; Jan. 29.
Nut butters and the product obtained thereby, Rendering flavors accessible in. J. L. Rosefield and F. L. Avera. 2,402,915; June 25.
Nut, Castellated. E. C. Crowther. 2,393,519; Jan. 22.
Nut, Combined threaded fastener and anchor. C. B. Breedlove. 2,403,496; July 9.
Nut, Composite. O. Haas. 2,407,879; Sept. 17.
Nutcracker. H. Spooner. 2,407,350; Sept. 10.
Nut cracking machine. F. F. Feldmann. 2,408,510; Oct. 1.
Nut cracking machine. J. Kittrell. 2,402,755; June 25.
Nut cracking machine. L. K. Maulsby and J. A. McGrann. Re. 22,797; Oct. 1.
Nut device and installation thereof. A. W. Kimbell. 2,401,427; June 4.
Nut for threadless studs and the like. R. E. Eggert. 2,393,030; Jan. 15.
Nut, Lock. J. P. Burke. 2,400,072; May 14.
Nut, Lock. E. C. Crowther. 2,393,520; Jan. 22.
Nut, Lock. R. E. Eggert. 2,397,251; Mar. 26.
Nut, Lock. R. H. Fullerton. 2,396,259; Mar. 12.
Nut, Lock. R. Funk. 2,406,070; Aug. 20.
Nut, Lock. R. T. Hosking. 2,391,902; Jan. 1.
Nut, Lock. O. J. Poupitch. 2,395,142; Feb. 19.
Nut lock. M. M. Reece. 2,400,166; May 14.
Nut, Lock. L. W. Schaper. 2,394,491; Feb. 5.
Nut lock. E. Schlueter. 2,395,234; Feb. 19.
Nut, Lock. F. J. Schumacher. 2,402,583; June 25.
Nut, Lock. J. R. Thorp and S. Strand. 2,403,566; July 9.
Nut, Lock. F. C. Wallace. 2,393,436; Jan. 22.
Nut lock. R. F. Warren, Jr. 2,399,526; Apr. 30.
Nut lock. W. R. Williams. 2,409,969; Oct. 22.
Nut making machine, Lock. C. D. Tripp. 2,408,457; Oct. 1.
Nut or the like, Stop. W. D. Kelly. 2,399,639; May 7.
Nut picker. B. F. Brown. 2,394,745; Feb. 12.
Nut, Removable basket. J. E. Johnson. 2,409,209; Oct. 15.
Nut, Safety. B. A. Clauson. 2,405,088; July 30.
Nut, Self-locking. C. B. Gwyn, Jr. 2,410,730; Nov. 5.
Nut, Self-locking. M. Hattan. 2,402,159; June 18.
Nut, Self-locking. O. J. Huelster. 2,410,444; Nov. 5.
Nut, Self-locking. A. C. Lusher. 2,410,090; Oct. 29.
Nut, Self-locking. E. M. Morehouse. 2,393,054; Jan. 15.
Nut, Sheet metal. R. E. Eggert. 2,410,968; Nov. 12.
Nut, Sheet metal. E. M. Morehouse. 2,408,573; Oct. 1.
Nut, Sheet metal lock. R. G. Olson, Jr. 2,410,995; Nov. 12.
Nut, Spring. R. E. Eggert. 2,396,835; Mar. 19.
Nut, Stop. W. H. Taylor and R. E. Workman. 2,400,444; May 14.
Nut, Wing. J. F. Ballak. 2,399,090; Apr. 23.
Nut, Wing. L. C. Brose. 2,397,238; Mar. 26.
Nuts and the like, Manufacture of. V. V. Mason. 2,408,793; Oct. 8.
Nuts, Clamp for flexible conduit attaching. A. H. Cadman. 2,400,338; May 14.
Nuts, Making grip. E. J. Cole. 2,395,037; Feb. 19.
Nutrient materials. F. A. Moller. 2,396,592; Mar. 12.
Nylon, Recovering the salt-forming components of. C. D. Myers. 2,407,896; Sept. 17.
Nylon to rubber. Improving the adhesion of. J. Compton. 2,402,021; June 11.
O:o'dihydroxy azo dyestuffs and their manufacture. A. Conzetti. 2,405,816; Aug. 13.
O-sulphobenzoic acids, Manufacture of. W. Stammbach. 2,407,351; Sept. 10.

Object detecting and locating system. R. H. Varian, W. W. Hansen and J. R. Woodyard. 2,408,825; Oct. 8.
Object detection and location. I. Wolff. 2,412,702; Dec. 17.
Object locater. E. W. Bemis. 2,405,281; Aug. 6.
Object locating system. J. B. Hays, Jr. 2,408,395; Oct. 1.
Objective. L. T. Sachtleben. 2,407,347; Sept. 10.
Objective for projection, photography, television, and for telescope. A. J. Holman. 2,410,069; Oct. 29.
Observation and angle-determining instrument. F. H. Hagner. 2,411,425; Nov. 19.
Observation system. H. Benioff. 2,408,035; Sept. 24.
Obtaining 1, 2-dichloro-1, 1-difluoroethane. J. Harmon. 2,399,024; Apr. 23.
Occupant-propelled vehicle. J. K. Livingston. 2,399,874; May 7.
Occupant steered and propelled vehicle. R. B. Estes. 2,402,880; June 25.
Ocular. R. Kingslake and W. D. Orser. 2,393,782; Jan. 29.
Oestrogens, Synthetic. M. S. Kharasch. 2,392,852; Jan. 15.
Oestrogens, Synthetic. M. S. Kharasch. 2,402,054; June 11.
Off-peak hot-water heater. H. J. Rougier. 2,407,453; Sept. 10.
Oil and gas wells, Treatment of. H. T. Kennedy and P. L. Gassett. 2,411,793; Nov. 26.
Oil and retaining gas through deviating bores, Producing. J. A. Zublin. 2,404,341; July 16.
Oil and the corrosive inhibitor therefor, Inhibited turbine. J. D. Morgan and R. E. Lowe. 2,393,799; Jan. 29.
Oil base, Cutting. L. D. Myers and V. J. Muckerheide. 2,393,927; Jan. 29.
Oil bath air filter. A. M. Goodloe. 2,400,347; May 14.
Oil blend. H. C. Evans and D. W. Young. 2,411,150; Nov. 19.
Oil burner. B. F. Castle. 2,395,655; Feb. 26.
Oil burner. B. F. Castle. 2,404,039; July 16.
Oil burner. J. A. Csepely. 2,395,614; Feb. 26.
Oil burner. D. C. Elliot and O. H. Paul. 2,405,196; Aug. 6.
Oil burner. J. T. Grotenhous. 2,409,677; Oct. 22.
Oil burner. H. C. Little. 2,401,086; May 28.
Oil burner. J. A. Logan. 2,395,487; Feb. 26.
Oil burner. J. A. Logan. 2,400,504; Oct. 15.
Oil burner. H. D. Mackaye. 2,408,865; Oct. 8.
Oil burner. L. W. Milos. 2,394,629; Feb. 12.
Oil burner. G. C. Peter. 2,400,131; May 14.
Oil burner. L. F. Speare. 2,405,243; Aug. 6.
Oil burner. A. von Haase. 2,396,306; Mar. 12.
Oil burner with vaporizing type pilot. J. L. Breese. 2,393,233; Jan. 22.
Oil burning equipment and controlling mechanism therefor. T. Nagel and H. D. Bliss. 2,403,230; July 2.
Oil circulatory system employed in fuel injection pumps. J. E. Houser. 2,395,330; Feb. 19.
Oil composition. D. W. Young and E. Lieber. 2,411,178; Nov. 19.
Oil composition and improving agent, Mineral. E. W. Fuller, H. G. Berger, and R. H. Williams. 2,411,153; Nov. 19.
Oil composition and the like, Mineral. G. H. Denison, Jr., and P. C. Condit. 2,398,415; Apr. 16.
Oil composition, Cutting. B. F. Hunter and H. P. Hobart. 2,413,353; Dec. 31.
Oil composition, Gun. J. E. Shields. 2,397,904; Apr. 2.
Oil composition, Hydrogenated. F. M. Clark. 2,410,715; Nov. 5.
Oil composition, Lubricating. A. H. Gleason. 2,394,909; Feb. 12.
Oil composition, Lubricating. V. N. Jenkins. 2,410,381; Oct. 29.
Oil composition, Mineral. J. J. Giammaria. 2,410,578; Nov. 5.
Oil composition, Mineral. O. M. Reiff and D. W. Andrus. 2,401,273; May 28.
Oil composition resistant to foaming, Mineral. H. G. Smith and T. L. Cantrell. 2,397,379–80; Mar. 26.
Oil composition, Wrinkling. W. A. Waldie. 2,394,499; Feb. 5.
Oil compositions. H. G. Smith, T. L. Cantrell, and J. G. Peters. 2,408,102; Sept. 24.
Oil compositions and methods of suppressing foaming in oils, Mineral. H. G. Smith and T. L. Cantrell. 2,397,377–8; Mar. 26.
Oil compositions and methods of suppressing foaming in oils, Mineral. H. G. Smith and T. L. Cantrell. 2,397,381; Mar. 26.
Oil compositions, Viscous mineral. R. W. Watson and J. W. Gaynor. 2,402,792; June 25.
Oil, Compounded. G. H. Denison, Jr., and P. C. Condit. 2,398,416; Apr. 16.
Oil, Compounded. G. H. Denison, Jr., and P. C. Condit. 2,400,106; May 14.
Oil, Compounded lubricating. G. H. Denison, Jr., and P. C. Condit. 2,394,536; Feb. 12.
Oil, Compounded lubricating. J. R. Griffin, Jr., and P. R. Van Ess. 2,410,652; Nov. 5.
Oil, Compounded lubricating. J. G. McNab and D. T. Rogers. 2,409,686; Oct. 22.
Oil, Compounded lubricating. J. G. McNab and C. Winning. 2,411,583; Nov. 26.
Oil, Compounded lubricating. R. J. Miller and J. T. Rutherford. 2,412,903; Dec. 17.
Oil, Compounded lubricating. D. T. Rogers and J. G. McNab. 2,406,564; Aug. 27.
Oil conditioner, Automatic. H. Cruzan and E. C. Warrick. 2,406,203; Aug. 20.
Oil content of subterranean formations, Determining the. H.-G. Doll. 2,395,617; Feb. 26.
Oil cooler control, Thermostatic. G. W. McEntire. 2,396,053; Mar. 5.
Oil, Cutting. T. W. Culmer. 2,412,131; Dec. 3.
Oil, Cutting. H. Diamond. 2,406,671; Aug. 27.
Oil, Cutting. P. P. Gabriel. 2,412,082; Dec. 3.
Oil, Cutting. J. S. Yule. 2,394,735; Feb. 12.
Oil, Dehydrating. I. M. Colbeth. 2,392,119; Jan. 1.
Oil, Dehydration of. S. W. Briggs, W. C. Bauer, W. J. Ewbank, and R. C. Porter. 2,393,965; Feb. 5.
Oil desalting and/or dewatering. J. A. Guyer. 2,410,970; Nov. 12.
Oil, Desalting crude. V. Voorhees. 2,400,986; May 28.
Oil desliming process, Fatty. W. A. Bush and E. A. Lasher. 2,410,926; Nov. 12.
Oil deterioration, Transformer construction for inhibiting. R. R. Pitman. 2,394,329; Feb. 5.
Oil, Diesel fuel. B. T. Anderson and M. T. Flaxman. 2,397,771; Apr. 2.
Oil feed pump by minute drop-like volume, Positive. A. Burger. 2,413,136; Dec. 24.
Oil field emulsions, Method and apparatus for handling. R. C. Buchan. 2,398,204; Apr. 9.
Oil field waters, Purifying. H. Schiller and A. Shapiro. 2,407,180; Sept. 3.
Oil filter. W. L. Clay. 2,393,886; Jan. 29.
Oil filter. M. Katcher. 2,400,200–1; May 14.
Oil filter. A. G. F. Wallgren. 2,392,348; Jan. 8.
Oil, Flushing. R. F. Ruthruff. 2,410,613; Nov. 5.
Oil, Foam inhibited. A. H. Batchelder and F. S. Rollins, Jr. 2,402,487; June 18.
Oil, Hydraulic fluid and lubricating. M. H. Kollen. 2,398,943; Apr. 23.
Oil, Lubricating. B. H. Lincoln and G. D. Byrkit. 2,395,889; Mar. 5.
Oil, Lubricating. R. L. May. 2,409,877–8; Oct. 22.
Oil, Lubricating. J. R. Morris and R. F. McCleary. 2,409,303; Oct. 15.
Oil manufacture, Drying. A. Schwarceman. 2,412,177; Dec. 3.
Oil, Manufacture of salad. L. C. Brown. 2,393,744; Jan. 29.
Oil, Mineral. R. E. Meyer. 2,399,817; May 7.
Oil, Modified. H. M. Ullman. 2,396,763; Mar. 19.
Oil, Nonsoluble cutting. E. C. Hughes. 2,398,429; Apr. 16.
Oil or gas wells, Drilling. H. J. Krase. 2,393,047; Jan. 15.
Oil, Preparation of soluble. H. L. Johnson and J. H. Perrine. 2,395,627; Feb. 26.
Oil, Process of refining. B. Clayton. 2,392,973; Jan. 15.
Oil products and preparation of same, Castor. F. A. Bent and C. R. Ryan. 2,394,742; Feb. 12.
Oil, Purification of. B. Clayton. 2,412,251; Dec. 10.
Oil, Reclaiming crankcase. M. F. Peters and A. A. Beal. 2,399,140; Apr. 23.
Oil recovery. K. H. Andresen. 2,402,588; June 25.
Oil refining device. C. N. Pogue. 2,392,548; Jan. 8.
Oil, Refining hydrocarbon. H. G. Schutze. 2,400,373; May 14.
Oils, Refining of mineral. G. H. Cummings, W. J. Sweeney, and M. R. Fenske. 2,396,300–2; Mar. 12.
Oil seal construction. J. H. Victor. 2,405,279; Aug. 6.
Oil separator. W. R. Freeman. 2,398,090; Apr. 9.
Oil soluble polyalkyl aromatic sulfonates, Substantially. J. Faust. 2,409,671; Oct. 22.
Oil-soluble sulphonates, Purification of. W. K. Griesinger. 2,406,763; Sept. 3.
Oil solution of a condensed organic amino compound, Preparing a lubricating. J. L. Wasson and W. M. Smith. 2,410,911; Nov. 12.
Oil solutions of basic alkaline earth metal sulphonates, and making same. W. K. Griesinger and E. H. Engelking. 2,402,325; June 18.
Oil stocks, Refining lubricating. E. F. Engelke. 2,394,965; Feb. 12.
Oil tank. A. C. Chester. 2,399,323; Apr. 30.
Oil tank. D. M. Nelson and H. W. Rockwell. 2,396,927; Mar. 19.
Oil treatment, Tall. A. L. Osterhof. 2,396,471; Mar. 12.
Oil, Turbine. H. Schindler and L. M. Henderson. 2,405,906; Aug. 13.
Oil well device. E. V. Crowell. 2,397,472; Apr. 2.
Oil well device. P. H. Granger. 2,402,886; June 25.
Oil well pump. F. Kowalski, Jr., and R. L. Harper. 2,408,075; Sept. 24.
Oil well sand pump. H. G. Houston and J. B. Humphrey. 2,405,697; Aug. 13.
Oil well testing device. C. V. Millikan. 2,395,137; Feb. 19.
Oil well tool. P. H. Granger. 2,404,876; July 30.
Oil wells, Treatment of. J. E. Munn. 2,402,433; June 18.
Oiler, Annular wick. P. Knapp. 2,391,980; Jan. 1.

Oiler, Shaft. C. W. and D. H. Madsen. 2,402,565; June 25.
Oils and fats, Stabilization of. M. R. Coe, Jr., and M. R. Coe. 2,397,920; Apr. 9.
Oils and fats, Treating. B. H. S. Chappell. 2,410,427; Nov. 5.
Oils and preparation therefor, Drying. F. J. Stark and G. H. Slack. 2,399,697; May 7.
Oils and preparing same, Stable sulphurized. T. H. Rogers and J. S. Wallace. 2,396,345; Mar. 12.
Oils and preparing the same, Stable sulphurized. J. S. Wallace and T. E. Sharp. 2,392,891; Jan. 15.
Oils and waxes, Treatment of. R. P. Dunmire. 2,401,339; June 4.
Oils, Beneficiating mineral. E. C. Hughes. 2,411,160; Nov. 19.
Oils, Blended lubricating. D. W. Young and T. J. Peters, Jr. 2,393,212; Jan. 15.
Oils, Catalytic conversion of hydrocarbon. C. Richker and du B. Eastman. 2,404,595; July 23.
Oils, Catalytic conversion of hydrocarbon. R. K. Stratford. 2,396,758; Mar. 19.
Oils, Coking. J. W. Payne, H. D. Noll, and V. A. Kalichevsky. 2,403,608; July 9.
Oils, Conversion of hydrocarbon. G. C. Connolly. 2,396,641; Mar. 19.
Oils, Conversion of hydrocarbon. G. S. Dunham. 2,393,028; Jan. 15.
Oils, Cracking and coking hydrocarbon. T. Williamson and N. A. Scardino. 2,395,081; Feb. 19.
Oils, Cracking of hydrocarbon. J. M. Barron. 2,398,280; Apr. 9.
Oils, Decolorizing hydrocarbon. W. A. La Lande, Jr. 2,395,931; Mar. 5.
Oils, Dehydration of transformer. P. P. Alexander. 2,399,192; Apr. 30.
Oils, Desalting crude. B. L. Evering and A. P. Lien. 2,400,985; May 28.
Oils, Dewaxing. E. M. Dons and O. G. Mauro. 2,410,483; Nov. 5.
Oils, Emulsification of vegetable and animal. A. Moscowitz. 2,396,718; Mar. 19.
Oils, Hydrobleaching glyceride. W. J. Paterson. 2,410,102; Oct. 29.
Oils, Infrared treatment of. W. A. Waldie and H. A. Toulmin, Jr. 2,411,767; Nov. 26.
Oils, Lubricating. C. M. Blair, Jr. 2,412,557; Dec. 17.
Oils, Lubricating. C. M. Blair, Jr. 2,412,708; Dec. 17.
Oils, Lubricating. S. Musher. 2,408,090; Sept. 24.
Oils, Manufacture of lubricating. A. Lazar and J. C. Carter. 2,402,288; June 18.
Oils, Method of treating. K. M. Laing. 2,403,088; July 2.
Oils, Modifying fatty. L. Auer. 2,396,670; Mar. 19.
Oils, Preparing lubricating. L. M. Henderson and W. G. Annable. 2,397,662; Apr. 2.
Oils, Preserving vitamin-containing. S. Musher. 2,410,455; Nov. 5.
Oils, Purifying mineral. C. H. M. Roberts. 2,402,844; June 25.
Oils, Reclaiming used lubricating. J. M. Musselman. 2,393,335; Jan. 22.
Oils, Refining fatty. K. Lloyd and H. L. Kell. 2,397,874; Apr. 2.
Oils, Refining hydrocarbon. G. H. Cummings, W. J. Sweeney, and M. R. Fenske. 2,396,303; Mar. 12.
Oils, Refining hydrocarbon. W. J. Sweeney, M. R. Fenske, and G. H. Cummings. 2,396,299; Mar. 12.
Oils, Refining mineral. J. V. Montgomery, L. B. Goodson, and R. W. Henry. 2,409,059; Oct. 8.
Oils, Refining of mineral. J. C. Alspaugh. 2,397,077; Mar. 26.
Oils, Steam turbine. A. G. Rocchini. 2,399,510; Apr. 30.
Oils, Synthetic drying. C. J. Mighton. 2,401,769; June 11.
Oils, Transformer. E. Amott. 2,397,332; Mar. 26.
Oils, Treating fatty. A. Schwarcman. 2,412,176; Dec. 3.
Oils, Treating rolling. R. P. Dunmire and J. A. Camelford. 2,401,340; June 4.
Oils, Treatment of compounded. R. P. Dunmire. 2,401,341; June 4.
Oils, Treatment of hydrocarbon. V. L. Chechot. 2,402,804; June 25.
Oils, Treatment of mineral. L. A. Burrows. 2,411,502; Nov. 26.
Oils, Treatment of vegetable. P. L. Julian and H. T. Ireson. 2,392,390; Jan. 8.
Oils, Turbine. H. G. Smith, T. L. Cantrell, and J. G. Peters. 2,400,611; May 21.
Olefin concentration. C. E. Morrell, J. K. Small, and J. H. McAteer. 2,399,882; May 7.
Olefin-containiug mixtures, Treatment of. G. C. Bailey. 2,403,779; July 9.
Olefin dehydrogenation, Procedure for. S. D. Sumerford. 2,401,846; June 11.
Olefin-diolefine copolymers, Vulcanization of. S. Breck and E. S. Ebers. 2,395,778; Feb. 26.
Olefin hydrocarbons, Polymerization of. W. A. La Lande, Jr., and H. Heinemann. 2,406,081; Aug. 20.
Olefin oxides, Manufacture of. T. W. Evans. 2,404,438; July 23.
Olefin polymerization. C. S. Kuhn, Jr. 2,400,521; May 21.
Olefin polymers, Production of. G. C. Bailey. 2,409,727; Oct. 22.
Olefines, Amination of. J. W. Teter. 2,397,705; Apr. 2.
Olefines, Distillation of aromatic. R. A. Franz. 2,399,340; Apr. 30.
Olefinic materials, Polymerizing. M. M. Brubaker. 2,396,677; Mar. 19.
Olefinic materials, Polymerizing. W. E. Hanford. 2,395,327; Feb. 19.
Olefinic nitriles, Refining crude. E. L. Carpenter, H. S. Davis, and O. F. Wiedeman. 2,404,163; July 16.
Olefinic sulphur-bearing gasoline to effect substantial desulphurization and refining, Treatment of. R. M. Cole. 2,392,579; Jan. 8.
Olefins, Alkylation of mixed. R. N. Meinert. 2,408,798; Oct. 8.
Olefins from a hydrocarbon stream, Recovering. J. C. Showalter. 2,400,376; May 14.
Olefins from a hydrocarbon stream, Separating. J. H. Cone. 2,400,340; May 14.
Olefins from acid extracts, Recovery of secondary. H. W. Scheeline. 2,407,386; Sept. 10.
Olefins, Hydrogenating. H. F. Kohler. 2,403,288; July 2.
Olefins, Isomerization of. N. H. Marsh. 2,405,440; Aug. 6.
Olefins, Making. W. M. Quattlebaum, Jr., and W. J. Toussaint. 2,407,291; Sept. 10.
Olefins, Manufacture of. C. K. Viland and H. Y. Hyde. 2,409,815; Oct. 22.
Olefins, Polyhalogenated. R. M. Joyce, Jr. 2,410,541; Nov. 5.
Olefins, Polymerization of. B. L. Evering, E. L. d'Ouville, and D. R. Carmody. 2,407,873; Sept. 17.
Olefins, Polymerizing. R. E. Burk and E. C. Hughes. 2,404,788; July 30.
Olefins, Polymerizing. W. E. Hanford. 2,405,950; Aug. 20.
Olefins, Segregation of. J. T. Horeczy and E. F. Wadley. 2,392,739-40; Jan. 8.
Olefins, Separation of. I. D. Hall. 2,400,350; May 14.
Olefins, Separation of. M. P. Matuszak. 2,403,672; July 9.
Olefins with other polymerizable organic compounds, Polymerizing. W. E. Hanford. 2,396,785; Mar. 19.
Oleoresin acids, Treatment of primary. R. F. B. Cox. 2,409,930; Oct. 22.
Oleoresin, Refining. R. V. Lawrence. 2,411,925; Dec. 3.
Oleoresin, Refining crude. R. V. Lawrence. 2,395,190; Feb. 19.
Oleo-resinous coating composition and preparing same. H. J. Wolfe. 2,397,179; Mar. 26.
Oleoresins, Handling crude. McG. Cline. 2,400,040; May 7.
Oleoresins, Refining of pyrethrum. W. E. Kuhn. 2,413,107; Dec. 24.
Oleum, Manufacture of. B. M. Carter. 2,394,426; Feb. 5.
Omega-alkoxyalkyl ethers of diphenylamine. R. P. Parker and J. M. Smith. 2,393,930; Jan. 29.
1-alkyl-8-methyl hexahydroindanone-4, Synthesis of. N. A. Milas. 2,407,672; Sept. 17.
1-bromo-2-methylanthraquinone, Preparation of. J. Deinet and H. B. Gottlieb. 2,396,989; Mar. 19.
1,5-bis(1-amino-3,5-dioxacyclohexyl) 2,4 dioxapentane. M. Senkus. 2,413,250; Dec. 24.
1,5-bis-(1-nitro-3,5-dioxacyclohexyl)-2,4 dioxapentane. M. Senkus. 2,413,249; Dec. 24.
1-hydroxyphenol-3-aminobutane and their production, Derivatives of. F. Kulz. 2,407,167; Sept. 3.
1-Hydroxy-3-amino-3-methyl butane. F. J. Soday. 2,393,483; Jan. 22.
1-keto-8-methylhexahydroindanol-1, Synthesis of. N. A. Milas. 2,407,673; Sept. 17.
1-methylolcyclohexyl-cyclohexyl-carbinol. J. E. Bludworth and D. P. Easter. 2,410,007; Oct. 29.
1,1-dichloro-1-nitroalkanes, Production of. J. B. Tindall. 2,397,384; Mar. 26.
1-substituted-2,5-diketo-7-methylpyrimidopyrazoles as couplers for color photography. A. Bavley. 2,403,329; July 2.
1,3-butadienes, Synthetic rubberlike materials comprising. F. W. Johnson. 2,402,819; June 25.
1,3-dichloro-5-methyl-5-isobutyl hydantoin and preparation. A. O. Rogers. 2,398,598; Apr. 16.
1,3-diketones, Preparation of. A. B. Boese, Jr., and F. G. Young, Jr. 2,395,800; Mar. 5.
1,3,5-triazinyl-(6)-amino-phenyl-arsenic compounds, Substituted. E. A. H. Friedheim. 2,400,547; May 21.
1,3,7-Triazabicyclo (3.3.0) octanes. M. Senkus. 2,393,826; Jan. 29.
1,2,4-oxadiazoles, Preparation of. D. W. Kaiser. 2,403,723; July 9.
One-way brake. H. H. Trail. 2,392,013; Jan. 1.
One-way clutch and bearing. C. E. Swenson and A. Y. Dodge. 2,408,962; Oct. 8.
One-way rotary clutch. J. Lund. 2,399,749; May 7.
Onion sorting machine. D. E. Cirull. 2,396,553; Mar. 12.
Open end ratchet wrench. H. G. Anderson. 2,401,128; May 28.
Open-faced air, Filter frame. V. Dahlman. 2,405,293; Aug. 6.
Open-hearth furnace. E. R. Drzewiecki. 2,402,152; June 18.

Opener, Can. S. Bloomfield. 2,412,946; Dec. 24.
Opener, Can. P. T. Simmons. 2,403,959; July 16.
Opener, Can. T. Starrett. 2,396,806; Mar. 19.
Opener for liquid containers. H. Singer. 2,411,344; Nov. 19.
Opener, Pocket type can. J. W. Spenker. 2,413,528; Dec. 31.
Opener, Refrigerator door. C. Hoffman. 2,405,887; Aug. 13.
Opener, Rotary type can. R. E. McLean. 2,411,449; Nov. 19.
Opening and filling apparatus, Bag. M. J. Harrington and S. E. Hammer. 2,409,626; Oct. 22.
Opening device, Envelope. F. A. Kelsall. 2,406,610; Aug. 27.
Opening device, Vial. J. J. Ramsey. 2,410,901; Nov. 12.
Operating device, Surgical. J. A. Reyniers. 2,403,400; July 2.
Operating means, Aircraft ramp. G. Elwert. 2,405,878; Aug. 13.
Operating mechanism. C. E. Freese. 2,409,032; Oct. 8.
Operating mechanism. J. Oakley. 2,395,789; Feb. 26.
Operating mechanism. A. R. Sanborn. 2,392,700; Jan. 8.
Operating mechanism, Coupler. J. S. Swann. 2,409,322; Oct. 15.
Operating mechanism for dump trucks, Tail gate. J. D. Burns. 2,410,046; Oct. 29.
Operating mechanism for electrical switches. A. M. Trogner. 2,410,253; Oct. 29.
Operating mechanism, Furnace door. W. B. Levy. 2,394,922; Feb. 12.
Operating mechanism, Multiple accessory. V. J. Plotkin. 2,403,102; July 2.
Operating mechanism, Reversible. E. Katzberg. 2,403,802; July 9.
Operating mechanism, Tap. S. E. Dansel. 2,406,204; Aug. 20.
Operation of internal-combustion engines. C. O. Davis. 2,393,594; Jan. 29.
Operator, Door. G. E. Dath. 2,402,241; June 18.
Ophthalmic bridge lock. R. Malcom. 2,402,827; June 25.
Ophthalmic device. D. P. Cooper, Jr. 2,397,243; Mar. 26.
Opthalmic lens blank, Multifocal. J. H. Hammon. 2,405,826; Aug. 13.
Opthalmic lenses, Producing. H. G. Orsey and J. P. Crowley. 2,394,934; Feb. 12.
Opthalmic mounting. S. E. Bouchard. 2,410,704; Nov. 5.
Ophthalmic mounting. J. E. Dunham. 2,398,137; Apr. 9.
Ophthalmic mounting. E. M. Splaine. 2,392,418; Jan. 8.
Ophthalmic test device. W. H. Glazer. 2,410,729; Nov. 5.
Opposed piston two-cycle engine. H. Vonrütl. 2,398,980; Apr. 23.
Opposite-twist woven fabric and method. R. C. Whitman. 2,400,276; May 14.
Optical apparatus. R. T. Hurley and G. E. Merritt. 2,397,009; Mar. 19.
Optical comparator. L. B. and R. H. Portman and F. J. Acton. 2,391,999; Jan. 1.
Optical device and method and manufacture thereof. J. F. Dreyer. 2,400,877; May 28.
Optical device for checking the alignment of the geometrical axes of two mechanical parts. F. Turrettini. 2,402,856; June 25.
Optical devices, Making. G. E. Guellich. 2,399,799; May 7.
Optical elements, Coating. D. A. Lyon. 2,398,382; Apr. 16.
Optical elements, Making. D. O. Hendrix. 2,398,708; Apr. 16.
Optical instrument. O. W. Boughton, R. B. Horsfall, Jr., and W. T. Perkins. 2,399,909; May 7.
Optical instrument. H. F. Kurtz and R. G. Morrison. 2,409,364; Oct. 15.
Optical instrument. W. F. Peck. 2,395,577; Feb. 26.
Optical instrument. B. J. Wolfe. 2,399,971; May 7.
Optical means for inspection. R. F. Borkenstein. 2,406,451; Aug. 27.
Optical measuring instrument, Range finder, height finder, and the like. J. M. Strang. 2,394,340; Feb. 5.
Optical measuring instruments, Range finder, height finder and like. J. M. Strang. 2,394,880; Feb. 12.
Optical objective. A. Cox. 2,399,858; May 7.
Optical objective. A. Warmisham. 2,398,680; Apr. 16.
Optical objective. A. Warmisham and C. G. Wynne. 2,397,714; Apr. 2.
Optical objective. A. Warmisham and C. G. Wynne. 2,413,476; Dec. 31.
Optical objects and the like, Method and apparatus for shaping. V. Walker. 2,359,700; Feb. 26.
Optical prisms, Method and apparatus for grinding and polishing. J. R. Turner and R. C. Byers. 2,394,645; Feb. 12.
Optical quartz crystal testing apparatus. B. J. Babbitt. 2,410,621; Nov. 5.
Optical scanning device and making articles therewith. A. H. Bennett and E. D. Tillyer. 2,404,770; July 30.
Optical system. A. H. Bennett. 2,407,219; Sept. 10.
Optical system. D. S. Grey. 2,405,301; Aug. 6.
Optical system. D. S. Grey. 2,406,762; Sept. 3.
Optical system. J. A. Maurer, Jr. 2,397,027; Mar. 19.
Optical system. C. G. Wynne. 2,394,959; Feb. 12.
Optical system for cameras. R. Hayward. 2,403,660; July 9.
Optical system, Stereoscopic. P. and M. N. Mainardi. 2,403,733; July 9.
Optical thickness gauge. W. R. Holman. 2,410,942; Nov. 12.
Optically active forms of pantothenic acid, Manufacture of. R. Kuhn and T. Wieland. 2,407,560; Sept. 10.
Orchard or like heater. C. E. Wallis. 2,398,168; Apr. 9.
Order check device. R. R. Jones. 2,399,038; Apr. 23.
Ordnance. C. F. Carlzen. 2,401,909; June 11.
Ordnance. L. F. Maurer and J. C. Trotter. 2,394,462; Feb. 5.
Ordnance. W. W. Mount. 2,399,136; Apr. 23.
Ordnance. F. I. Rataiczak. 2,411,979; Dec. 3.
Ordnance. F. F. Ruau. 2,402,581; June 25.
Ordnance. G. E. Schultz. 2,395,585; Feb. 26.
Ordnance. J. C. Trotter. 2,396,136; Mar. 5.
Ordnance. J. C. Trotter. 2,397,449; Mar. 26.
Ordnance. J. C. Trotter, L. W. Holland, and G. E. Schultz. 2,401,989; June 11.
Ordnance data correcting apparatus. W. L. Abel. 2,411,511; Nov. 26.
Ordnance powder bag. W. E. Mydans. 2,405,104; July 30.
Ore, Concentrating iron. J. B. Clemmer and C. Rampacek. 2,403,481; July 9.
Ore concentrating table. E. R. McPheters. 2,408,797; Oct. 8.
Ore concentration. H. S. Woodward and W. A. Bates. 2,393,008; Jan. 15.
Ores, Beneficiation of beryllium. H. L. Gibbs and H. D. Snedden. 2,395,475; Feb. 26.
Ores, Beneficiation of iron. R. B. Booth and E. C. Herkenhoff. 2,410,376-7; Oct. 29.
Ores by the sink and float process, Separation of. O. E. Harder and A. E. Pavlish. 2,393,160; Jan. 15.
Ores, Concentration of. K. F. Schilling. 2,400,213; May 14.
Ores containing cobalt and nickel, Treatment of. C. F. Allen and D. M. Kentro. 2,399,845; May 7.
Ores for alkaline roast, Preparation of. C. G. Maier. 2,394,793; Feb. 12.
Ores, Magnetic separation and settling for serpentine. R. C. Hills. 2,400,461; May 14.
Ores, Reducing iron. T. F. Baily. 2,395,029; Feb. 19.
Organ, Electronic. M. J. Larsen. 2,403,090; July 2.
Organic bases, Separation of. K. H. Engel. 2,408,975; Oct. 8.
Organic cementing solutions. E. H. McArdle and A. E. Robertson. 2,399,558; Apr. 30.
Organic compounds and preparing same. D. J. Potter. 2,412,909; Dec. 17.
Organic compounds, Controlled oxidation of branched chain. W. E. Vaughan and F. F. Rust. 2,395,523; Feb. 26.
Organic compounds, Halogenation of unsaturated. G. W. Hearne. 2,399,488; Apr. 30.
Organic compounds in the presence of sulphur-containing modifiers of polymerization, Polymerization of unsaturated. C. P. Fryling. 2,396,997; Mar. 19.
Organic compounds, Oxidation of. I. Bergsteinsson, J. R. Schelbli, and F. H. Dickey. 2,398,612; Apr. 16.
Organic compounds, Process and apparatus for the pyrolysis of. D. C. Hull. 2,393,778; Jan. 29.
Organic compounds, Production of. N. Short. 2,408,889; Oct. 8.
Organic compounds, Unsaturated. M. S. Kharasch. 2,404,235; July 16.
Organic detergent compositions. R. P. McGhie. 2,394,320; Feb. 5.
Organic diisocyanates, Preparation of. J. B. Dickey, J. M. Straley, and T. E. Stanin. 2,394,597; Feb. 12.
Organic fibrous material and composition therefor, Flameproof. O. C. Bacon. 2,413,163; Dec. 24.
Organic fluorine, Removal. M. P. Matuszak. 2,409,372; Oct. 15.
Organic mercury compounds, Solutions of. F. J. Sowa. 2,411,815; Nov. 26.
Organic phosphorous and nitrogen containing compounds. W. H. Woodstock. 2,406,423; Aug. 27.
Organic plastic materials, Die unit for extruding shapes of. R. S. Jeslonowski. 2,405,039; July 30.
Organic polybasic acid polyesters of hydroxydihydronorpolycyclopentadienes. H. A. Bruson. 2,410,425; Nov. 5.
Organic polysulphide plastic compositions. E. S. Blake. 2,398,998; Apr. 23.
Organic radicals into quinones, Introduction of. L. F. Fieser. 2,398,418; Apr. 16.
Organic solutions of formaldehyde-urea reactions products, Treatment of. J. A. Murray and G. H. Metzger. 2,404,740; July 23.
Organic solvent-soluble unsaturated carbohydrate ethers and products produced thereby, Preparation of. R. M. Hamilton and P. L. Nichols, Jr. 2,406,369; Aug. 27.
Organic substances, Stabilization of. R. G. Clarkson. 2,396,156; Mar. 5.
Organic sulphur compounds, Preparation of. W. E. Vaughan and F. F. Rust. 2,398,479; Apr. 16.
Organic thiocyano compounds. P. H. Williams. 2,409,329; Oct. 15.

Organisms, Control of slime. W. W. Allen. 2,400,677; May 21.
Organo-polysiloxanes, Preparing. R. O. Sauer. 2,398,672; Apr. 16.
Organo-silicon compounds containing a C-Si bond. G. A. Dalin. 2,405,019; July 30.
Organo-silicon esters and materials treated therewith. A. J. Barry. 2,405,988; Aug. 20.
Organo-siloxanes, and making them. W. H. Daudt. 2,397,727; Apr. 2.
Organo-siloxanes, and preparing them. E. L. Warrick. 2,397,895; Apr. 2.
Orientation, Article. G. W. Ashlock, Jr. 2,406,311; Aug. 27.
Oriented halogen-containing polymers, Treatment of. K. L. Berry and J. W. Hill. 2,405,008; July 30.
Orienting apparatus. C. H. Schadel. 2,405,717; Aug. 13.
Orienting device. J. C. Luley. 2,394,622; Feb. 12.
Orienting mechanism for pulse echo systems. G. W. Leck. 2,410,666; Nov. 5.
Orifice plate carrier. P. P. Daniel. 2,407,951; Sept. 17.
Ornament for ears. H. S. Williams. 2,410,914; Nov. 12.
Ornament, Lady's hair. S. Behr. 2,407,393; Sept. 10.
Ornament, Light reflecting. M. C. Meyer. 2,395,492; Feb. 26.
Ornamental articles, Making. E. Karfiol and W. A. Hoehm. 2,404,073; July 16.
Ornamental enclosure, Miniature. H. N. Casey. 2,394,748; Feb. 12.
Ornamental hair curler cover. J. R. W. Torrens. 2,409,081; Oct. 8.
Ornamental skate wheel. C. M. Bierman. 2,392,634; Jan. 8.
Orthodontic appliance. J. D. Berke. 2,406,527; Aug. 27.
Orthopedic appliance. W. J. Boos. 2,400,680; May 21.
Ortho-substituted ring compounds, Two-stage distillation of. D. B. Luten, Jr., and A. De Benedictis. 2,409,773; Oct. 22.
Oscillating circuit. F. J. Altman. 2,402,270; June 18.
Oscillating disk meter. A. R. Whittaker. 2,406,877; Sept. 3.
Oscillating welding rod. J. E. Johnson. 2,407,746; Sept. 17.
Oscillation generation. H. L. Morrison. 2,398,502; Apr. 16.
Oscillation generator. M. Artzt. 2,396,224; Mar. 12.
Oscillation generator. H. T. Friis and V. C. Rideout. 2,406,364; Aug. 27.
Oscillation generator. W. W. Fritschi. 2,409,620; Oct. 22.
Oscillation generator. W. E. Kock. 2,400,309; May 14.
Oscillation generator. G. Usselman and C. W. Hansell. 2,411,765; Nov. 26.
Oscillator. B. J. Lazan. 2,410,170; Oct. 29.
Oscillator. A. L. Samuel. 2,409,224; Oct. 15.
Oscillator. E. E. Turner, Jr. 2,410,112–13; Oct. 29.
Oscillator and frequency modulator. M. G. Crosby. 2,402,148; June 18.
Oscillator and oscillator controlled relay circuit, Electric. T. A. Cohen. 2,411,247; Nov. 19.
Oscillator, Beat. I. E. Mouromtseff and G. M. Dinnick. 2,411,289; Nov. 19.
Oscillator circuit. O. E. Dow. 2,397,411; Mar. 26.
Oscillator circuit. C. W. Hansell. 2,399,114; Apr. 23.
Oscillator circuits. W. R. Koch. 2,395,746; Feb. 26.
Oscillator, Concentric line. A. H. Turner. 2,408,355; Sept. 24.
Oscillator-detector, Electronic. W. W. Hansen and S. F. and R. H. Varian. 2,406,370; Aug. 27.
Oscillator, Double pulse. H. Lifschutz. 2,402,169; June 18.
Oscillator, High-frequency triode. D. H. Sloan. 2,411,299; Nov. 19.
Oscillator, Impulse. E. Labin. 2,405,217; Aug. 6.
Oscillator, Low impedance. T. L. Wilson. 2,411,565; Nov. 26.
Oscillator, Magnetostriction. L. Batchelder. 2,407,243; Sept. 10.
Oscillator, Magnetostrictive. H. F. Rost and P. H. E. Claesson. 2,398,117; Apr. 9.
Oscillator, Magnetostriction. E. E. Turner, Jr. 2,411,911; Dec. 3.
Oscillator, Mechanically tuned. F. Rieber. 2,412,536; Dec. 10.
Oscillator, Piezoelectric. H. Benioff. 2,406,793; Sept. 3.
Oscillator, Synchronized blocking. L. E. Matson, Jr. 2,409,577; Oct. 15.
Oscillator, Ultra high frequency. A. E. Anderson and A. L. Samuel. 2,405,175; Aug. 6.
Oscillator, Ultra high frequency. H. J. McCarthy. 2,413,364; Dec. 31.
Oscillator, Ultra high frequency. I. E. Mouromtseff and G. M. Dinnick. 2,396,802; Mar. 19.
Oscillator, Ultra short wave. C. W. Hansell. 2,402,397; June 18.
Oscillator, Vacuum tube. C. A. Shank and C. M. Rifenbergh. 2,394,018; Feb. 5.
Oscillators of high frequency, Generators of electrical. M. R. Gavin. 2,394,908; Feb. 12.
Oscillators, Pressure mounted quartz. L. R. Morse. 2,392,993; Jan. 15.
Oscillators, Tuning electrical. N. R. Bligh, D. M. Heller, L. C. Stenning, and A. A. Chubb. 2,401,604; June 4.
Oscillatory system and apparatus, Electrical. W. P. Mueller and N. L. Kiser. 2,405,229; Aug. 6.
Oscillograph. A. E. Moulin, Jr., and P. W. Orchard, Jr. 2,404,738; July 23.
Oscillograph galvanometer. Claude M. Hathaway. Re. 22,759; May 21.
Outdoor switch box. C. Opalek. 2,410,510; Nov. 5.
Outfit for children, Molding. E. E. Silverman, M. Greene, and S. Greenspan. 2,395,589; Feb. 26.
Outlet, Air distribution. W. W. Kennedy. 2,407,284; Sept. 10.
Outlet arrangement. H. Seid. 2,396,025; Mar. 5.
Outlet box support. E. H. Lindstrom. 2,399,491; Apr. 30.
Outlet, Curb. J. B. Francis. 2,397,655; Apr. 2.
Outlet device for ventilating apparatus, Air. F. Honerkamp. 2,398,938; Apr. 23.
Outlet, Electrical convenience. U. C. Walk. 2,399,408; Apr. 30.
Oven, Air-conditioned electric cooking. H. E. Mills. 2,408,331; Sept. 24.
Oven, Baking. J. V. Cook. 2,397,726; Apr. 2.
Oven control, Drying. O. O. Kruse. 2,412,990; Dec. 24.
Oven, Drying. C. W. Attwood. 2,405,831; Aug. 13.
Oven, Drying. W. Bald. 2,395,834; Mar. 5.
Oven, Gas range. G. Herbater. 2,410,285; Oct. 29.
Oven, Salt and sugar. C. H. Horn. 2,398,939; Apr. 23.
Oven vent construction. E. D. Pellegrin and J. F. Hennessy. 2,396,122; Mar. 5.
Oven, Warming. A. Luxem. 2,395,788; Feb. 26.
Oven without sole channels, Underfired regenerative coke. F. Wethly. 2,412,484; Dec. 10.
Overhead door construction. A. V. Rowe. 2,412,910; Dec. 17.
Overhead door locking mechanism. C. Buehner. 2,393,287; Jan. 22.
Overload clutch. C. B. Spase. 2,411,600; Nov. 26.
Overload clutch. G. A. Waller. 2,401,992; June 11.
Overload release coupling. S. C. Gebert. 2,406,142; Aug. 20.
Overload release means. A. L. Kronquest. 2,412,157; Dec. 3.
Overspeed release clutch. A. Y. Dodge. 2,398,087; Apr. 9.
Overshot. N. T. Breaux. 2,410,262; Oct. 29.
Oxazolines, Preparation of. D. J. Loder. 2,402,198; June 18.
Oxazolines, Reaction product of. H. L. Wampner. 2,402,791; June 25.
Oxidant, Low-freezing. W. E. Lawson. 2,403,932; July 16.
Oxidation process. C. Dreyfus. 2,392,316; Jan. 8.
Oxidation, Process for. A. Farkas and A. F. Stribley, Jr. 2,410,642; Nov. 5.
Oxide coating from aluminum surfaces, Removing. M. A. Miller and W. E. White. 2,399,134; Apr. 23.
Oxide from the surface of metals, Removing. H. R. Spence and H. W. Hooker. 2,395,694; Feb. 26.
Oxide, Stabilized cuprous. H. J. Becker. 2,409,413; Oct. 15.
Oxidizing foam solution and using the same. H. E. Mattin and L. G. M. Timpson. 2,392,936; Jan. 15.
Oximes, Production of unsaturated. J. A. Crowder, M. A. Kise, and G. A. Nesty. 2,394,430; Feb. 5.
Oxydation of acrolein to acrylic acid. K. H. W. Tuerck. 2,397,891; Apr. 2.
Oxygen and air controlling apparatus for aviators. P. E. Meidenbauer, Jr., and H. A. Benzel. 2,396,716; Mar. 19.
Oxygen cutting torches, Improving the operation of. P. E. Bertz. 2,379,979; May 7.
Oxygen demand regulator. L. A. Wiggins. 2,409,327; Oct. 15.
Oxygen liberating composition, Preparing. D. A. Feigley, Jr. 2,405,566; Aug. 13.
Oxygen, Method and apparatus for obtaining purified liquid. W. Dennis. 2,406,003; Aug. 20.
Oxyphenyl-amino-propane and its derivatives, Preparation of. F. Kölz. 2,396,580; Mar. 12.
Ozonizer. D. K. Allison. 2,405,728; Aug. 13.
P-amino-benzene-sulphamide derivatives. W. Hentrich and E. Schirm. 2,408,066; Sept. 24.
P-phenylene diamines, Producing. I. F. Salminen and A. Weissberger. 2,407,207; Sept. 3.
Pack board. A. J. Goerg. 2,394,300; Feb. 5.
Pack, Parachute. G. H. Arenstein. 2,402,143; June 18.
Pack, Parachute. J. R. Quilter and J. Gregory. 2,396,126; Mar. 5.
Packsack. R. Kernahan. 2,407,787; Sept. 17.
Package. A. B. Chunan. 2,400,390; May 14.
Package. C. E. Gardner. 2,396,565; Mar. 12.
Package. M. Kleinmann. 2,409,362; Oct. 15.
Package. E. W. Quackenbush. 2,392,062; Jan. 1.
Package and closure. W. P. White. 2,412,794; Dec. 17.
Package, Bandage. G. D. Beal and C. Y. Emery. 2,402,981; July 2.
Package, Bandage. C. Steenbergen. 2,402,982; July 2.
Package, Blade. J. Muros. 2,408,222; Sept. 24.
Package, Blasting cap. R. G. Mercer and D. M. Taylor. 2,393,221; Jan. 15.
Package, Dispensing. J. S. Graziano. 2,407,415; Sept. 10.
Package, Explosive. E. S. Bellinger. 2,393,278; Jan. 22.
Package, Fluid-tight. H. F. Waters. 2,409,998; Oct. 22.
Package for tablets, Display and dispensing. A. G. Sherman. 2,411,471; Nov. 19.

Package, Match. F. P. Macomber. 2,392,991; Jan. 15.
Package, Match. H. B. Watkins. 2,405,805; Aug. 13.
Package, Stationery. E. von Hartmann. 2,413,474; Dec. 31.
Package tie. J. S. Cushman. 2,392,648; Jan. 8.
Package, Window glass. E. B. Kincaid. 2,392,927; Jan. 15.
Package, Yarn. A. Lodge. 2,395,891; Mar. 5.
Packages, Making leakproof. R. Guyer. 2,402,548; June 25.
Packaging. E. E. Eldredge. 2,408,616; Oct. 1.
Packaging. H. F. Waters. 2,412,546; Dec. 10.
Packaging apparatus. F. D. Palmer. 2,394,930; Feb. 12.
Packaging device. J. W. Grodin. 2,400,197; May 14.
Packaging machines, Wrapper sealing mechanism for. C. Arelt. 2,402,231; June 18.
Packaging polymers, Surface coating for. H. H. Bannon and H. N. Mims. 2,403,964; July 16.
Packer, Control head. R. G. Taylor, Jr., and D. B. Hooser. 2,409,812; Oct. 22.
Packer, Well. P. J. Lehnhard. 2,399,125; Apr. 23.
Packing. V. G. Klein. 2,399,550; Apr. 30.
Packing and making the same. M. K. Cumming and W. Van Tine. 2,398,210; Apr. 9.
Packing box and trays. P. D. Friday. 2,393,099; Jan. 15.
Packing case. A. P. D. Belanger. 2,392,630; Jan. 8.
Packing cheese and the like, Moistureproof wrapper for. T. Cowen. 2,402,605; June 25.
Packing for collapsible tubes. H. R. Kohlhepp. 2,398,536; Apr. 16.
Packing for cylindrical parts. W. Kilchenmann. 2,405,152; Aug. 6.
Packing for pipe joints. F. W. Boyle. 2,402,868; June 25.
Packing for vapor and liquid contacting apparatus. F. L. Melvill. 2,405,593; Aug. 13.
Packing, Making. J. J. Flechter. 2,404,952; July 30.
Packing material. W. J. De Reamer. 2,401,141; May 28.
Packing material. C. T. O'Connor. 2,397,618; Apr. 2.
Packing, Mold or container. W. G. Schutt. 2,397,695; Apr. 2.
Packing, Piston. D. M. Smith. 2,402,783; June 25.
Packing, Plastic. H. E. Ballard. 2,403,166; July 2.
Packing rings, Making. A. Sandow and A. A. Wenzel. 2,404,864; July 30.
Packing rings, Tool to compress. W. A. Bowman and H. L. Baker. 2,401,043; May 28.
Packing, Stuffing box. R. E. Morgan and P. N. Curry. 2,395,935; Mar. 5.
Packings, Making ring type. M. R. Buffington. 2,400,533; May 21.
Pad: *See*—
Filter pad. Vibration-absorbing pad.
Heating pad. Warming pad.
Removable shoulder pad. Watch box pad.
Shoulder pad. Writing pad.
Suction pad.
Pad. M. Felick. 2,392,136; Jan. 1.
Pad for garments, Shoulder. S. Gillman. 2,399,731; May 7.
Pad for garments, Shoulder. B. Mechur. 2,410,986; Nov. 12.
Pad for polishing machines, Rubbing. S. A. Crosby. 2,393,089; Jan. 15.
Pad for sports shirts and jackets, Removable. C. Solomon. 2,413,526; Dec. 31.
Paddle. C. D. Doeker. 2,399,106; Apr. 23.
Paddle, Mixing. F. H. Valiton. 2,396,903; Mar. 19.
Padlock. H. B. Dutton. 2,407,406; Sept. 10.
Padlock. R. K. and R. L. Gray. 2,408,137; Sept. 24.
Padlock. A. Rober. 2,395,762; Feb. 26.
Pads for shirts, Removable shoulder. C. Solomon. 2,413,527; Dec. 31.
Pads, Machine for manufacturing hair. A. M. and R. W. Smith and A. H. Zeigler. 2,398,163; Apr. 9.
Page turning device for invalids. T. C. Dermers. 2,411,084; Nov. 12.
Paint. P. Zurcher. 2,402,864; June 25.
Paint. P. Zurcher. 2,403,423; July 2.
Paint, Albino asphalt emulsion. H. J. Sommer. 2,393,573; Jan. 22.
Paint, albino asphalt emulsion. H. J. Sommer. 2,393,574; Jan. 22.
Paint and varnish remover. J. D. Morgan and R. E. Lowe. 2,398,242; Apr. 9.
Paint and varnish removers. J. D. Morgan and R. E. Lowe. 2,393,798; Jan. 29.
Paint and varnish, Removing. R. E. Sadtler. 2,392,699; Jan. 8.
Paint, Anticorrosive. N. J. Read. 2,406,307; Aug. 20.
Paint, Aqueous emulsion. M. T. Schmidt. 2,404,463; July 23.
Paint bucket ladder bracket. J. C. Dodd. 2,412,567; Dec. 17.
Paint composition. H. N. Copthorne. 2,411,192; Nov. 19.
Paint composition, Bituminous. W. F. Fair, Jr. 2,395,853; Mar. 5.
Paint in storage, Preserving. H. B. Kellogg and H. C. Reynolds, Jr. 2,396,050; Mar. 5.
Painting machine. H. L. Lewis. 2,401,431; June 4.
Paints, plastic, and the like, Making. W. Zaisser. 2,396,910; Mar. 19.
Palatable material, Making. C. A. Reed. 2,409,067; Oct. 8.
Palette or the like, Artist's. W. A. and I. M. Sillman. 2,402,850; June 25.
Pallet. B. Ulinski. 2,412,184; Dec. 3.
Pallet. C. White. 2,395,982; Mar. 5.
Pallet, Adjustable. Le R. Weiss. 2,405,535; Aug. 6.
Pallet and wear lug therefor. W. J. Urban. 2,401,204; May 28.
Pallets to industrial trucks, Method of and apparatus for transferring loads from loaded. A. R. Golrick. 2,394,693; Feb. 12.
Pan, Dust. A. Benskin. 2,399,850; May 7.
Pan, Flexible load. D. Bailey. 2,410,561; Nov. 5.
Pan for egg opening machines, Removable conveyor. L. M. Sigler and J. C. Gill. 2,397,698; Apr. 2.
Pan, Loading. P. F. Toohey. 2,409,994; Oct. 22.
Pan, Multiple baking. A. L. Langel. 2,407,021; Sept. 3.
Pan, Refrigerator car drip. C. R. Hamilton, J. King, and J. D. Baker. 2,409,273; Oct. 15.
Pan, Self-dumping. G. Smith. 2,410,754; Nov. 5.
Panel and sealing means, Filter. O. H. Schaaf. 2,394,208; Feb. 5.
Panel, Composite. P. Van Cleef. 2,393,843; Jan. 29.
Panel, Emergency escape. M. E. Pelaez. 2,392,874; Jan. 15.
Panel, Filter. O. H. Schaaf. 2,405,716; Aug. 13.
Panel, Locomotive control. D. R. Staples. 2,410,250; Oct. 29.
Panel, Lumber core. L. L. Schaffer and J. Huberman. 2,396,438; Mar. 12.
Panel or unit for buildings and building constructed therefrom. B. Brunton and R. G. Booth. 2,394,147; Feb. 5.
Panel, Plastic framed laminated. E. Winer. 2,402,717; June 25.
Panel, Wall. M. I. Diggs. 2,412,253; Dec. 10.
Paneling structure. N. A. Del Tufo. 2,395,726; Feb. 26.
Panels for use in buildings, Construction of. B. Brunton and R. G. Booth. 2,394,146; Feb. 5.
Pantograph. S. Feld. 2,411,718; Nov. 26.
Pantograph device. A. G. Ochsner. 2,402,438; June 18.
Pants, Baby. L. H. Rand. 2,397,751; Apr. 2.
Pants pocket construction. T. Koppelman. 2,412,622; Dec. 17.
Panty brief. D. Blair. 2,397,641; Apr. 2.
Paper and making same, Coated. C. P. Foote, Jr., and C. D. Guertin. 2,402,542; June 25.
Paper bag. M. Katz. 2,400,759; May 21.
Paperboard coin box. C. F. Klein. 2,409,047; Oct. 8.
Paperboard drum. R. H. Van Saun. 2,392,959; Jan. 15.
Paperboard package with liquid-tight liner and making same, Crushproof reinforced. H. F. Waters. 2,412,547; Dec. 10.
Paper, Coated. La V. E. Cheyney. 2,392,972; Jan. 15.
Paper, Coating. H. V. Dunham. 2,411,989; Dec. 3.
Paper, Coating. G. D. Muggleton and A. F. Piepenberg. 2,398,844; Apr. 23.
Paper, Conductive. B. L. Kline and C. E. Mobius. 2,400,544; May 21.
Paper cutter. C. W. Willits. 2,399,529; Apr. 30.
Paper, Defibering of wet strength. W. M. Thomas. 2,394,273; Feb. 5.
Paperhanger's tool. J. F. Frantz. 2,402,994; July 2.
Paper machine headbox. P. H. Goldsmith. 2,393,244; Jan. 22.
Paper machine sectional drive. L. Hornbostel. 2,392,149; Jan. 1.
Papermaking apparatus. F. A. Dieckbrader. 2,411,416; Nov. 19.
Papermaking, Bleaching and loading of. H. Freeman. 2,398,420; Apr. 16.
Papermaking machine. E. E. Berry. 2,396,696; Mar. 19.
Paper making machine. B. A. Malkin. 2,402,063; June 11.
Papermaking machine, Cylinder type. J. E. Goodwillie and E. E. Berry. 2,396,694; Mar. 19.
Papermaking machine press section. E. W. Clem. 2,404,946; July 30.
Paper making machine suction device. E. W. Clem. 2,395,533; Feb. 26.
Papermaking machinery. A. I. Black. 2,401,603; June 4.
Papermaking machinery. J. E. Goodwillie. 2,396,695; Mar. 19.
Paper making, Sizing composition for use in. A. J. Luettgen. 2,399,748; May 7.
Paper making stock, Method of and apparatus for producing a head in response to the consistency of. E. Poirier. 2,403,827; July 9.
Paper, Manufacture of reinforced asbestos. R. G. Quinn. 2,401,314; June 4.
Paper, Mineral-coated printing. J. W. Clark. 2,395,992; Mar. 5.
Paper on cylinder mold type paper machines, Making. P. H. Goldsmith. 2,412,771; Dec. 17.
Paper or textile fabrics, Treatment of. W. Charlton, S. G. Jarrett, and E. E. Walker. 2,406,453–4; Aug. 27.
Paper package, Sealed moistureproof. J. W. Lively. 2,406,301; Aug. 20.
Paper product and making the same. K. W. Britt. 2,399,981–2; May 7.

Paper products, Manufacture of deposited. L. Stevens. 2,411,066; Nov. 12.
Paper roll holder. J. A. Poirier. 2,392,996; Jan. 15.
Paper shipping carton having interlocking end closure, Heavy-duty. F. R. Buhrmaster. 2,410,148; Oct. 29.
Paper stock, Refining. E. Cowles. 2,399,988; May 7.
Paper support. A. A. Johnson. 2,393,471; Jan. 22.
Paper, Treating water resistant. W. H. McDowell. 2,409,984; Oct. 22.
Paper with thermoresponsive resins, Surface coating tissue. I. Gurwick. 2,407,549; Sept. 10.
Papers, Coating. W. Barrett. 2,406,056; Aug. 20.
Papers, Method and apparatus for producing designed. B. W. Samson. 2,403,461; July 9.
Parachute. A. P. Atherton. 2,392,448; Jan. 8.
Parachute. G. B. Brown. 2,411,868; Dec. 3.
Parachute. G. Dreyfus. 2,394,295; Feb. 5.
Parachute. T. Efstathiou. 2,398,092; Mar. 5.
Parachute. W. S. Finken. 2,412,392; Dec. 10.
Parachute. L. P. Frieder. 2,410,207; Oct. 29.
Parachute. L. P. Frieder and W. S. Finken. 2,410,057; Oct. 29.
Parachute. F. G. Manson and J. J. Maskey. 2,398,795; Apr. 23.
Parachute. J. R. C. Quilter. 2,392,946; Jan. 15.
Parachute. C. Rohulick. 2,404,659; July 23.
Parachute, Combat. S. R. Horak and R. V. Tyrrell. 2,393,634; Jan. 29.
Parachute construction, Stabilized. F. Smith. 2,392,270; Jan. 1.
Parachute dummy. W. U. Hohwieler. 2,413,230; Dec. 24.
Parachute folding device. R. I. Elam. 2,399,993; May 7.
Parachute harness and quick release fastening means. W. Cunningham. 2,393,311; Jan. 22.
Parachute, Invasion. R. V. Pence. 2,399,379; Apr. 30.
Parachute, Low altitude. U. H. Carr. 2,399,100; Apr. 23.
Parachute pack opening device. E. A. Neff. 2,413,368; Dec. 31.
Parachute, Paper. D. B. Hastings. 2,409,562; Oct. 15.
Parachute, Quick opening. F. Smith. 2,403,832; July 9.
Parachute release device. C. W. Skinner. 2,393,072; Jan. 15.
Parachute, Two-speed. H. W. Sheridan. 2,405,333; Aug. 6.
Parachute, Vented. C. A. Volf. 2,404,672; July 23.
Paraffin alkylation process. S. A. Ballard. 2,396,486; Mar. 12.
Paraffin alkylation process. R. B. Thompson and J. A. Chenicek. 2,411,817; Nov. 26.
Paraffin deposition, Control of. D. S. Kaufman. 2,394,189; Feb. 5.
Paraffin hydrocarbons, Conversion of. P. L. Cramer and C. R. Begeman. 2,397,925; Apr. 9.
Paraffin hydrocarbons, Isomerization of. B. S. Greensfelder. 2,393,041; Jan. 15.
Paraffin isomerization process. C. O. Tongberg and H. J. Hall. 2,406,868; Sept. 3.
Paraffin removal. H. B. Landrum and C. A. Husted. 2,411,044; Nov. 12.
Paraffins, Isomerization of normally liquid. A. V. Grosse and H. Pines. 2,393,104; Jan. 15.
Paraffins, Production of. M. P. Matuszak. 2,399,368; Apr. 30.
Paraffins, Reconstruction of. F. E. Frey. 2,403,650; July 9.
Para nitroacetanilide, Production of. E. H. Bart. 2,406,578; Aug. 27.
Parasiticidal compositions. E. C. Britton, G. H. Coleman, and K. D. G. Clack. 2,396,983; Mar. 19.
Parasiticidal compositions. R. R. Dreisbach and F. W. Fletcher. 2,411,530; Nov. 26.
Parasiticidal compositions. F. W. Fletcher and E. E. Kenaga. 2,410,281; Oct. 29.
Parasiticidal compositions. W. F. Hester and W. E. Craig. 2,413,627; Dec. 31.
Parasiticidal preparations. E. C. Ladd. 2,396,665; Mar. 19.
Parasiticidal preparations. E. C. Ladd. 2,397,423; Mar. 26.
Parasiticide composition. O. H. Hammer. 2,403,435; July 9.
Para-xylene, Isolation of. R. B. Greenburg. 2,398,526; Apr. 16.
Parking meter mechanism. F. L. Michaels. 2,397,878; Apr. 2.
Part for bolts or screw studs and its use, Drilling anchor. A. W. Gelpcke. 2,406,536; Aug. 27.
Particle apportioning device. M. Cohen and G. A. Jorgenson. 2,404,694; July 23.
Partition appliance, Cattle stall. L. C. Russell. 2,408,533; Oct. 1.
Partition machine, Cell case. O. Ullamith. 2,398,872; Apr. 23.
Party line ringing system. G. Deakin. 2,411,525; Nov. 26.
Passage ping. C. L. Martin. 2,409,294; Oct. 15.
Paste and making same, Nonfeating aluminum. G. M. Babcock. 2,393,731; Jan. 29.
Paste for sealing threaded joints and the like, Antiseizing. A. L. Parker. 2,393,929; Jan. 29.
Paste, Spotting. L. Adler. 2,396,667; Mar. 19.
Pastes, Stabilization of converted starch. S. N. Glarum and J. J. Thomas. 2,400,820; May 21.
Pasting machine, Counter. C. M. Bagshaw. 2,404,345; July 23.
Pasting machine, Counter. C. M. Bagshaw. 2,405,548; Aug. 13.
Pastry. R. P. Jetschmann. 2,404,177; July 16.
Patch for a fourdrinier wire, Preparing and applying a. J. A. Harris. 2,408,422; Oct. 1.
Patches to woven-wire cloth, Applying. H. E. Brown and S. M. Grant. 2,397,646; Apr. 2.
Patent and other straight bar knitting machine, Cotton's. J. E. Lynam. 2,410,668; Nov. 5.
Pattern and casting therewith, Shell. A. Slatis. 2,408,005; Sept. 24.
Pattern and forming breastforms. H. N. Perl. 2,411,388; Nov. 19.
Pattern and preparing molds, Impermanent. E. F. Kohl. 2,400,831; May 21.
Pattern, Dressmaker's. M. W. MacNab. 2,411,328; Nov. 19.
Pattern having integral vent-forming members. R. J. Miller. 2,394,394; Feb. 5.
Patterns, Forming multiple. R. J. Miller. 2,399,373; Apr. 30.
Patterns, Making. H. J. Pattison. 2,396,195; Mar. 5.
Pavement, etc., Precast unit. F. W. Abel. 2,396,808; Mar. 19.
Paving machine. R. D. Baker. 2,393,954; Feb. 5.
Pawls for machine guns, Belt-holding. C. G. Swebilius. 2,392,012; Jan. 1.
Pay statement and envelope assembly. E. G. Overly. 2,413,649; Dec. 31.
Payable system, Accounts. E. A. Tambert. 2,406,267; Aug. 20.
Peak voltage indicator and regulator. H. C. Likel. 2,392,396; Jan. 8.
Peanut butter and manufacturing the same. J. L., J. M., and M. Rosefield. 2,397,564; Apr. 2.
Peanut protein, Recovering. G. W. Irving, Jr., A. L. Merrifield, R. S. Burnett, and E. D. Parker. 2,405,830; Aug. 13.
Peat, Method of and apparatus for carbonizing. C.-W. Pilo. 2,406,509; Aug. 27.
Peas and treating same, Dried split. L. L. Werts. 2,400,144; May 14.
Pectase, Preparing. H. T. Leo and C. C. Taylor. 2,406,840; Sept. 3.
Pectous material and preparing same. H. T. Leo and C. C. Taylor. 2,392,854; Jan. 15.
Pedal appliance, Forming. L. H. Sherman. 2,409,594; Oct. 15.
Peeler, Potato. C. H. Dolan, II. 2,407,819; Sept. 17.
Peeling device, Fruit. E. J. Rios y Marquez. 2,410,683; Nov. 5.
Pegging and aligning means. J. Zalkind. 2,398,487; Apr. 16.
Pellet for administering gonadotropic pituitary hormones. F. J. Saunders and A. L. Raymond. 2,413,419; Dec. 31.
Pelorus. R. O. Burgess and E. C. Craig. 2,397,125; Mar. 26.
Pelorus. W. H. Van Gaasebeek. 2,411,306; Nov. 19.
Pen, Animal. I. Whitehouse, C. Schofield, and E. H. Cummings. 2,392,792; Jan. 8.
Pen, Baby play. M. G. Stackhouse. 2,410,368; Oct. 29.
Pen, Foldable play. J. R. Wright. 2,395,603; Feb. 26.
Pen for children, Portable play. E. S. Swazey. 2,409,598; Oct. 15.
Pen, Fountain. M. S. Baker. 2,403,039; July 2.
Pen, Fountain. L. J. Biro. 2,400,679; May 21.
Pen, Fountain. D. H. Brinson. 2,396,771; Mar. 19.
Pen, Fountain. T. F. Brinson. 2,410,423; Nov. 5.
Pen, Fountain. G. D. Cloutier. 2,398,521; Apr. 16.
Pen, Fountain. A. E. Dietz. 2,394,235; Feb. 5.
Pen, Fountain. J. Gregg. 2,409,847; Oct. 22.
Pen, Fountain. E. Healy. 2,404,063; July 16.
Pen, Fountain. D. Juelss. 2,393,250–1; Jan. 22.
Pen, Fountain. D. Juelss. 2,396,919; Mar. 19.
Pen, Fountain. J. J. Kelley. 2,405,958; Aug. 20.
Pen, Fountain. J. J. Kelley. 2,409,869; Oct. 22.
Pen, Fountain. T. Kovács. 2,401,167; May 28.
Pen, Fountain. D. F. Mohns. 2,400,768; May 21.
Pen, Fountain. D. P. Moore. 2,398,548; Apr. 16.
Pen, Fountain. G. C. Smith. 2,401,711; June 4.
Pen, Leak-proof fountain. B. Grafton. 2,405,787; Aug. 13.
Pen, Marking. W. J. De Groft. 2,392,840; Jan. 15.
Pen, Marking. K. Rath. 2,396,058; Mar. 5.
Pen, Retractile fountain. O. M. Johnson. 2,413,234; Dec. 24.
Pencil. A. P. Shelly. 2,407,106; Sept. 3.
Pencil holder. D. C. Feather. 2,398,583; Apr. 16.
Pencil-like implement. G. D. Nelson. 2,411,975; Dec. 3.
Pencil machine. C. R. Nichols, Jr. 2,405,367; Aug. 6.
Pencil, Mechanical. H. S. Hasselquist. 2,412,265; Dec. 10.
Pencil, Mechanical. B. D. Smith. 2,406,171; Aug. 20.
Pencil, Multiple. Joseph De Mario. Re. 22,757; May 21.
Pencil sharpener. J. A. Jackson. 2,394,387; Feb. 5.
Pencil, Slide-rule. R. C. Magee. 2,412,820; Dec. 17.
Pencil, Trick. S. S. Adams. 2,396,405; Mar. 12.
Pendant suspension. C. E. Fyfe. 2,402,956; July 2.

Pendulum, Long period. G. G. Scott. 2,407,580; Sept. 10.
Penicillin from aqueous solutions, Isolation of. J. L. Wachtel. 2,399,840; May 7.
Pentadiene, Purifying. F. J. Soday. 2,395,958; Mar. 5.
Pentaerythritol, Manufacture of. R. F. Burghardt and R. H. Barth. 2,401,749; June 11.
Pentaerythritol, Producing. R. F. B. Cox. 2,407,920; Sept. 17.
Pentaerythritol tetranitrate recovery. J. A. Wyler. 2,394,223; Feb. 5.
Pentane, Averaging with. R. E. Burk. 2,405,997; Aug. 20.
Pentane, Isomerization of. F. M. McMillan and H. A. Cheney. 2,393,051; Jan. 15.
Pentareflector. I. C. Gardner. 2,400,111; May 14.
Pentolite, Preparing. G. W. McCurdy. 2,395,341; Feb. 19.
Pepper mill. E. L. Bivans. 2,407,808; Sept. 17.
Perambulator. E. W. Grove, III. 2,407,779; Sept. 17.
Perchloric acid, Manufacture of. J. C. Pernert. 2,392,861; Jan. 15.
Percolator, Vacuum siphon. F. E. Scott. 2,403,404; July 2.
Percussion tool. R. Goldschmidt. 2,407,604; Sept. 10.
Percussive tool. A. R. Schwarzkopf. 2,408,484; Oct. 1.
Percussive tools operated by an internal-combustion engine. J. Wohlmeyer. 2,396,627; Mar. 12.
Perforated pie coverings, Method and apparatus for forming. J. MacManus. 2,405,661; Aug. 13.
Perforating and tubulating apparatus. R. A. Hinkley. 2,410,345; Oct. 29.
Perforating apparatus. E. A. Ford. 2,394,604; Feb. 12.
Perforating device. W. J. Hampton. 2,394,377; Feb. 5.
Perforating device. Carl J. Hueber and D. A. Stark. 2,394,385; Feb. 5.
Perforating device. E. Kern. 2,405,150; Aug. 6.
Perforating machine. C. J. Russnak. 2,393,416; Jan. 22.
Perforating well casings. C. O. Davis and L. A. Burrows. 2,399,211; Apr. 30.
Perforator for well casing, Gun. M. O. Johnston. 2,407,081; Sept. 3.
Perforator, Gun. R. D. Elliott. 2,402,153; June 18.
Perforator, Meat. F. P. Savage. 2,396,020; Mar. 5.
Periodic control, Intermittent. J. F. Straltz. 2,402,460; June 18.
Periodic momentary switch. A. Z. Smith. 2,404,001; July 16.
Periodical display rack. J. Bloom. 2,401,409; June 4.
Periscope-telescope, Combined. W. E. Swift, Jr. 2,392,428; Jan. 8.
Permanent magnet field generator. C. Jackson. 2,407,883; Sept. 17.
Permeability tuned band-spread circuit. J. J. Brand. 2,402,261; June 18.
Permeable formation traversed by bore holes, Locating. J. E. Walstrom. 2,401,280; May 28.
Peroxides, Organic. W. E. Vaughan and F. F. Rust. 2,403,771; July 9.
Peroxides, Production of organic. F. H. Dickey and E. R. Bell. 2,403,709; July 9.
Perspective drawing device. G. D. Andersen, C. L. Spencer, and J. L. Hansen. 2,412,194; Dec. 10.
Perylene derivatives. N. H. Haddock. 2,409,851; Oct. 22.
Pessary. G. A. Clark. 2,398,518; Apr. 16.
Pessary, Self-supporting. Y. H. Kurkjian. 2,404,384; July 23.
Pest control. E. W. Bousquet and H. G. Guy. 2,410,862; Nov. 12.
Pest control. A. L. Flenner and N. E. Searle. 2,411,253; Nov. 19.
Petard missile. J. H. Church and W. W. Thibodeau. 2,412,967; Dec. 24.
Petroleum, Electric solvent-refining of. R. B. Perkins, Jr. 2,395,011; Feb. 19.
Petroleum emulsions, Process and agent for breaking. R. A. Saiathiel. 2,401,966; June 11.
Petroleum hydrocarbon content of earth samples, Determining the. C. B. Brown. 2,403,631; July 9.
Petroleum mahogany sulphonic products. M. Blumer. 2,396,673; Mar. 19.
Petroleum products. J. L. Franklin. 2,393,154; Jan. 15.
Petroleum products, Identifying. J. W. Sparks. 2,392,620; Jan. 8.
Petroleum products, Purifying. M. A. Dietrich and C. J. Pedersen. 2,411,958–9; Dec. 3.
Petroleum sulfonates, Preparing. J. C. Showalter. 2,412,916; Dec. 17.
Pharmaceutical preparation, Liquid. W. Karrer. 2,410,949; Nov. 12.
Pharmaceutical solution. M. Sahyun. 2,411,897; Dec. 3.
Phase angle indicator. W. W. Hansen. 2,411,876; Dec. 3.
Phase comparison apparatus. R. M. Bowie. 2,399,661; May 7.
Phase indicating circuit. E. N. Dingley, Jr. 2,396,253; Mar. 12.
Phase inverter circuit. S. Berkoff. 2,411,706; Nov. 26.
Phase modulation method and apparatus. E. L. Kent. 2,398,097; Apr. 9.
Phase-modulation system. B. D. Loughlin. 2,401,007; May 28.
Phase modulator. R. C. Sanders, Jr., W. R. Mercer, and D. Blitz. 2,409,449; Oct. 15.
Phase-responsive system. J. A. Rankin. 2,410,523; Nov. 5.
Phase sensitive apparatus. J. E. Shepherd. 2,410,843; Nov. 12.
Phase shifting circuit. R. B. Dome. 2,410,721; Nov. 5.
Phase shifting circuit. H. R. Guptill. 2,411,423; Nov. 19.
Phenanthridine derivatives. L. P. Walls. 2,397,391; Mar. 26.
Phenolaldehyde resins and their use as modifying agents for resin, Preparation of certain reactive. E. F. Siegel. 2,400,718; May 21.
Phenol-formaldehyde condensation products, Nonresinous. J. W. Kroeger and H. F. O'Connor. 2,397,018; Mar. 19.
Phenol, Manufacture of. F. Porter. 2,392,875; Jan. 15.
Phenolic composition, Sulphurized. O. M. Reiff and J. D. Zech. 2,394,564; Feb. 12.
Phenols from wood distillate, Separation of higher. A. A. Reiter and F. L. Boman. 2,400,466; May 14.
Phenols, Manufacture of. D. Tyrer. 2,407,044; Sept. 3.
Phenols or salts thereof, Manufacture of. D. Tyrer. 2,407,045; Sept. 3.
Phenols, Substituted. G. F. D'Alelio. 2,394,754; Feb. 12.
Phenyl sulfonyl diesters of nitro alcohols. P. J. Baker, Jr. 2,412,116; Dec. 3.
Phenyl sulfonyl triesters of nitro alcohols. P. J. Baker, Jr. 2,412,117; Dec. 3.
Phenyl sulphonyl esters of nitro alcohols. P. J. Baker, Jr. 2,395,386; Feb. 26.
Phone and making same. D. E. Rutter, H. B. Shapiro, and W. J. Brown. 2,392,924; Jan. 1.
Phonograph. B. R. Carson and K. J. Magnusson. 2,412,441; Dec. 10.
Phonograph. J. J. Ontalek. 2,395,390; Feb. 26.
Phonograph. S. Yerkovich. 2,409,006; Oct. 8.
Phonograph and word display apparatus for teaching languages, Combined. F. W. Quidas. 2,412,061; Dec. 3.
Phonograph, Automatic. J. A. Boyajian. 2,411,612; Nov. 26.
Phonograph, Automatic. J. A. Darwin and R. Robertson. 2,406,355; Aug. 27.
Phonograph, Automatic. C. G. Johnson. 2,398,010; Apr. 9.
Phonograph, Automatic. M. R. Winkler. 2,398,067; Apr. 9.
Phonograph, Dual speed. E. V. Schneider. 2,392,193; Jan. 1.
Phonograph, Multiple record. J. Erwood and H. Holter. 2,397,932; Apr. 9.
Phonograph record changer. J. and J. Erwood. 2,394,539; Feb. 12.
Phonograph reproducing system. R. H. Herrick. 2,393,374; Jan. 22.
Phonograph stylus. H. L. Imelmann. 2,399,035; Apr. 23.
Phonograph tone arm mounting. C. B. Dale. 2,402,150; June 18.
Phonograph, Two-amplifier recording and reproducing. L. Thompson. 2,409,520; Oct. 15.
Phosphates and their preparation, Allyl-type. L. N. Whitehill and R. S. Barker. 2,394,829; Feb. 12.
Phosphates, Preparing aluminum. H. H. Greger. 2,405,884; Aug. 13.
Phosphatide composition and preparing. P. L. Julian and E. W. Meyer. 2,400,120; May 14.
Phosphatidic lubricant and making. J. J. Jacobs. 2,403,284; July 2.
Phosphonamides, Cellulose. C. A. Thomas and G. Kosolapoff. 2,401,440; June 4.
Phosphors and their stabilization. H. C. Froelich. 2,408,621; Oct. 1.
Phosphorus, Making red. T. W. De Witt. 2,397,951; Apr. 9.
Phosphorus, Stable red. L. C. Hurd. 2,399,120; Apr. 23.
Photocell and circuit, Sensitive. C. W. Hansell. 2,410,732; Nov. 5.
Photocell for measuring long wave radiations. C. G. Fink and J. S. Mackay. 2,406,139; Aug. 20.
Photoelectric cell. A. H. Lamb. 2,403,863; July 9.
Photoelectric consistency indicating method. D. L. West. 2,394,129; Feb. 5.
Photoelectric control. W. F. Wolfner II. 2,401,396; June 4.
Photoelectric counter and speed measuring device. H. J. Dana and H. F. Clarke. 2,400,489; May 21.
Photoelectric device. L. Malter. 2,412,822; Dec. 17.
Photoelectric device and the manufacture thereof. H. C. Rentschler and D. E. Henry. 2,393,264; Jan. 22.
Photoelectric inspection device. S. C. Hurley, Jr. 2,395,482; Feb. 26.
Photoelectric integrator. P. Padva. 2,410,550; Nov. 5.
Photoelectric sound head, Horizontally and vertically adjustable. M. M. Iborra. 2,413,051; Dec. 24.
Photoelectric system. T. B. Perkins. 2,403,669; July 9.
Photoelectric transmitting typewriter apparatus. G. L. Bush. 2,408,754; Oct. 8.
Photoelectric tube. E. H. Bickley. 2,392,969; Jan. 15.
Photoelectric tube and manufacture. R. W. Engstrom. 2,413,222; Dec. 24.
Photoelectrically controlled amplifying circuit. W. A. Gieseke. 2,404,131; July 16.
Photoflash lamp. P. Schwarze. 2,393,711; Jan. 29.

Photograph and letter press. J. T. Connors. 2,399,857; May 7.
Photograph holder. F. J. Vargish. 2,409,814; Oct. 22.
Photographic apparatus. S. C. Coroniti. 2,413,218; Dec. 24.
Photographic apparatus. D. C. Harvey. 2,403,717; July 9.
Photographic apparatus. M. Schwartz and W. Castedello. 2,395,074; Feb. 19.
Photographic apparatus. M. Schwartz and W. Castedello. 2,396,889; Mar. 19.
Photographic composing apparatus and the like, Operating unit for. W. C. Huebner. 2,402,752; June 25.
Photographic compositions and elements, Light sensitive. V. B. Sease and D. W. Woodward. 2,405,523; Aug. 6.
Photographic compound. W. O. Wilson. 2,398,986; Apr. 23.
Photographic control means. W. M. Schneider. 2,412,292; Dec. 10.
Photographic copying apparatus, Control for. J. F. Egan. 2,403,711; July 9.
Photographic developer. F. R. Bean. 2,394,588; Feb. 12.
Photographic developer compositions. R. C. Lyon. 2,397,670; Apr. 2.
Photographic developing apparatus. J. Wyllie, Jr. 2,400,675; May 21.
Photographic developing process. F. Dersch and N. Heimbach. 2,404,774; July 30.
Photographic developing tank. J. F. Morse. 2,405,160; Aug. 6.
Photographic developing tank. R. H. Peckham. 2,405,233; Aug. 6.
Photographic dry stripping material. C. J. Staud. 2,398,056; Apr. 9.
Photographic element. R. K. Blake and W. D. Baldsiefen. 2,400,532; May 21.
Photographic element. C. F. A. White. 2,397,452; Mar. 26.
Photographic elements. D. M. McQueen. 2,397,866; Apr. 2.
Photographic elements, Color yielding. A. B. Jennings, C. W. Murray, and C. F. A. White. 2,397,864; Apr. 2.
Photographic elements containing protein color formers. A. B. Jennings. 2,397,867; 2,397,867; Apr. 2.
Photographic emulsion. E. B. Knott. 2,411,546; Nov. 26.
Photographic emulsion. C. D. Wilson. 2,393,351; Jan. 22.
Photographic emulsion for transport, Preparing. T. T. Baker. 2,413,207; Dec. 24.
Photographic emulsion, Sensitized. B. H. Carroll and J. Spence. 2,398,778; Apr. 23.
Photographic emulsions, Development of. S. S. Flerke and C. J. Staud. 2,410,644; Nov. 5.
Photographic emulsions, Improvers for. J. D. Kendall, D. J. Fry, and J. D. Brooks. 2,403,927; July 16.
Photographic emulsions, Sensitizing. S. E. Sheppard and H. R. Brigham. 2,410,689; Nov. 5.
Photographic emulsions, Silver halide. J. D. Kendall and D. J. Fry. 2,397,015; Mar. 19.
Photographic film holder. T. McG. Aiken. 2,410,919; Nov. 12.
Photographic fixing procedure and baths. J. I. Crabtree and G. T. Eaton. 2,412,674; Dec. 17.
Photographic fixing process and compositions. J. I. Crabtree and G. T. Eaton. 2,397,924; Apr. 9.
Photographic flash lamps, Means to ignite. L. Weisglass. 2,395,600; Feb. 26.
Photographic frame rack. J. Worth. 2,404,117; July 16.
Photographic images, Production of colored. D. W. Stammers. 2,396,396; Mar. 12.
Photographic lighting apparatus. O. H. Floyd. 2,394,966; Feb. 12.
Photographic masking easel. D. G. Hunter. 2,412,507; Dec. 10.
Photographic material. R. B. Collins and J. Miller. 2,411,507; Nov. 26.
Photographic material. C. J. Staud. 2,409,162; Oct. 8.
Photographic materials. J. A. H. Hart and E. W. Lee. 2,400,989; May 28.
Photographic materials. E. B. Knott. 2,410,096; Nov. 12.
Photographic materials. C. Waller, R. B. Collins, and R. C. Dodd. 2,399,083; Apr. 23.
Photographic materials, Sensitive. E. P. Davey and R. W. H. Selwyn. 2,403,708; July 9.
Photographic paper. F. W. Boughton. 2,394,289; Feb. 5.
Photographic process and composition for fixing. J. I. Crabtree and G. T. Eaton. 2,396,830; Mar. 19.
Photographic recording apparatus. J. D. Ashford. 2,394,225; Feb. 5.
Photographic support. A. Murray. 2,400,366; May 14.
Photographic tank reel. F. M. Morgan and S. Wallace. 2,400,943; May 28.
Photographing device. J. W. McFarlane and C. F. Andrews. 2,403,892; July 9.
Photography and elements therefor, Color. A. B. Jennings. 2,397,865; Apr. 2.
Photography, Color. A. Bavley. 2,395,776; Feb. 26.
Photography, Color. A. Bavley. 2,403,040; July 2.
Photography, Color. P. W. Vittum and L. S. Wilder. 2,401,713; June 4.
Photography, Color. D. W. Woodward. 2,394,527; Feb. 5.
Photomechanical process. A. Murray and J. A. C. Yule. Re. 22,736; Mar. 26.
Photomechanical process. A. Murray and J. A. C. Yule. Re. 22,741; Apr. 2.
Photometric process for gas analysis. J. Major and E. W. Thomas. 2,395,489; Feb. 26.
Photo radio signaling by frequency modulation. J. L. Finch. 2,411,853; Dec. 3.
Photosensitive tube. L. A. Adair. 2,392,895; Jan. 15.
Photo-tube and manufacture. J. B. Diffenderfer. 2,401,738; June 11.
Phototube and manufacture. R. B. Janes. 2,401,736; June 11.
Phototube and manufacture. R. B. Janes. 2,401,737; June 11.
Phototubes and manufacture. J. E. Henderson and R. B. Janes. 2,404,343; July 16.
Phthalocyanine sulfonhydrazines. A. L. Fox. 2,413,224; Dec. 24.
Physiologically active compounds, and making the same. A. Serini and K. Steinruck. 2,394,565; Feb. 12.
Piano action. W. G. Betz. Re. 22,777; Aug. 13.
Piano action protector. A. A. Rouse. 2,403,196; July 2.
Picker check. E. Nadeau. 2,399,592; Apr. 30.
Picker, Corn. A. L. Roe. 2,412,358; Dec. 10.
Picker for looms. W. A. Blanchard. 2,407,054; Sept. 3.
Picker, Fruit. S. Johnson, Sr. 2,393,107; Jan. 15.
Picker mechanism and machines, especially knitting machines, Incorporating such mechanism. B. T. Cole. 2,405,405; Aug. 6.
Picker mechanism for circular knitting machines. E. Brooksby and F. E. Deans. 2,396,490; Mar. 12.
Picker stick checking mechanism. W. Hamilton. 2,408,638; Oct. 1.
Picker, Stitch. I. H. Gearhart. 2,409,351; Oct. 15.
Picker's apparatus, Fruit. J. O. Savage. 2,405,453; Aug. 6.
Picking machine, Nut meat. V. L. Rodrigues, Sr., V. L. Rodrigues, Jr., and R. R. Rodrigues. 2,401,437; June 4.
Pickling apparatus. S. H. McKee. 2,405,157; Aug. 6.
Pickup. B. R. Kamler and D. L. Elam. 2,396,703; Mar. 19.
Pickup. B. F. McNamee. 2,400,564; May 21.
Pickup arm. A. F. Wornham. 2,413,206; Dec. 24.
Pickup, Electric. H. T. Faus. 2,406,597; Aug. 27.
Pickup mechanism, Airplane. J. G. Ingres. 2,401,248; May 28.
Pickup, Scrub water. L. C. Dolce. 2,396,645; Mar. 19.
Pickup system, Air. S. C. Plummer. 2,402,574; June 25.
Picture frame. F. D. Bogia. 2,403,491; July 9.
Picture frame. W. A. Hicks. 2,411,272; Nov. 19.
Picture frame. W. Martin. 2,401,495; June 4.
Picture frame or the like. A. Nihon. 2,408,994; Oct. 8.
Picture hanger and curtain tieback, Combination. H. Tashman. 2,396,350; Mar. 12.
Picture holder. G. G. Mevi. 2,410,989; Nov. 12.
Picture reproduction, Slow-action electrical. G. C. Szikiai. 2,406,286; Aug. 20.
Pictures, Frame for miniature. F. Grobholz. 2,401,241; May 28.
Pictures in relief, Method and apparatus for projecting. A. Di Suner. 2,401,271; May 28.
Pie dough former, trimmer, and crimper. L. J. Dale. 2,409,021; Oct. 8.
Pie pan lifter. C. G. Bailey. 2,398,129; Apr. 9.
Pies, Method and apparatus for making. L. J. Harriss. 2,411,857; Dec. 3.
Piers, Constructing. C. P. Disney. 2,405,295; Aug. 6.
Piers, Construction of. C. M. Goodrich. 2,410,778; Nov. 5.
Piezocrystal device of the sealed type. C. F. Dausmann. 2,412,719; Dec. 17.
Piezo-crystal holder. H. M. Bach. 2,412,438; Dec. 10.
Piezoelectric apparatus. A. R. Morgan. 2,399,820; May 7.
Piezoelectric crystal apparatus. C. E. Lane. 2,410,825; Nov. 12.
Piezoelectric crystal apparatus. R. A. Sykes. 2,392,429; Jan. 8.
Piezoelectric crystal cabinet. S. A. Bokovoy. 2,410,041; Oct. 29.
Piezoelectric crystal holder. S. A. Bokovoy and K. K. Garrison. 2,395,841; Mar. 5.
Piezoelectric crystal holder. T. W. Keller. 2,394,999; Feb. 19.
Piezoelectric crystal holder. A. J. Perkins and W. G. Roberts. 2,392,690; Jan. 8.
Piezoelectric crystal mounting. C. F. Baldwin. 2,412,030; Dec. 3.
Piezoelectric device. F. Swinehart. 2,393,429; Jan. 22.
Piezoelectric device. G. C. Tibbetts. 2,403,692; July 9.
Piezoelectric elements, Manufacture of. M. L. Smith. 2,392,271; Jan. 1.
Piezoelectric gauge and making the same. M. M. Shapiro. 2,408,816; Oct. 8.
Piezoelectric transducer. H. B. Shapiro. 2,399,513; Apr. 30.
Pigeon container. O. Meyer and L. Stein. 2,398,797; Apr. 23.
Pigment and manufacture, Iron blue. E. W. Large. 2,402,824; June 25.
Pigment, High-water-dispersible calcite. K. S. Mowlds. 2,397,035; Mar. 19.

Pigment or dyestuff and making the same. T. A. Longstroth. 2,410,219; Oct. 29.
Pigment, Perthiocyanic acid. W. H. Hill. 2,402,962; July 2.
Pigmented film-forming compositions. E. K. Fischer. 2,396,415; Mar. 12.
Pigments. A. Voet. 2,392,073; Jan. 1.
Pigments and manufacturing the same, Metallic bronze paste or powder. 2,399,705; May 7.
Pigments, Metallized azo. D. E. Kvalnes and H. E. Woodward. 2,396,327; Mar. 12.
Pigments, Monazo. D. E. Kvalnes and H. E. Woodward. 2,396,328; Mar. 12.
Pigments, Perthiocyanic metal. W. H. Hill. 2,402,961; July 2.
Pigments, Physical form of organic. J. W. Lang and S. R. Detrick. 2,402,167; June 18.
Pile fabric manufacture. J. N. Dow and A. T. Dildilian. 2,408,756; Oct. 8.
Pile, fringe, or the like. B. Kahn. 2,398,645; Apr. 16.
Piling, Encasing driven. C. Weber. 2,412,185; Dec. 3.
Piling, Producing. C. Weber. 2,412,239; Dec. 10.
Pillow head cover. H. A. Easterbrooks. 2,412,769; Dec. 17.
Pilot compartment. C. H. Zimmerman. 2,403,838; July 9.
Pilot for aircraft, Automatic. P. G. Holt. 2,401,354; June 4.
Pilot, Pneumatically controlled automatic. W. A. Matthews. 2,400,126; May 14.
Pilot training apparatus. S. Kanter. 2,396,660; Mar. 19.
Pilot valve construction. F. Beebe. 2,402,011; June 11.
Pilot wave generator. H. M. Stoller. 2,395,514; Feb. 26.
Pin: *See*—
Bob pin. Pivot pin.
Bowling pin. Releasable pin.
Decorative bar pin. Securing pin.
Hair-grip pin.
Pin assembly, Wrist. J. Kuttner. 2,407,420; Sept. 10.
Pin curl clip. C. R. Cochran. 2,400,488; May 21.
Pin drill and end mill. E. G. A. Flodman. 2,393,361; Jan. 22.
Pin up vanity case holder. C. C. Di Stiso. 2,401,556; June 4.
Pins, Assembling safety. H. Alfandre. 2,405,934; Aug. 20.
Pins in headers or the like, Guide for knockout. R. L. Wilcox. 2,401,805; June 11.
Pins, Machine for assembling bar. I. Mizrach. 2,401,652; June 4.
Pinacol production, Electrolytic. C. R. Boettger, Jr., T. S. Chambers, and O. C. Slotterbeck. 2,408,036; Sept. 24.
Pinacols, Electrolytic production of. O. C. Slotterbeck. 2,408,101; Sept. 24.
Pintle, F. E. Mennen. 2,397,558; Apr. 2.
Pipe: *See*—
Bubble pipe. Prestressed steel pipe.
Flexible pipe. Stoker smoking pipe.
Insulated pipe. Tobacco pipe.
Porcelain pipe.
Pipe. W. H. Siebels. 2,401,974; June 11.
Pipe and the like, Method and apparatus for unearthing. E. H. Hebert. 2,396,849; Mar. 19.
Pipe bending machines, Protractor for. E. N. Willingham. 2,403,429; July 2.
Pipe case and tobacco pouch, Combined. A. Dubsky. 2,396,364; Mar. 12.
Pipe cleaner. Bruno L. Pape. 2,412,531; Dec. 10.
Pipe closure, Theft proof fill. E. B. Chamberlain and R. M. Kolter. 2,411,505; Nov. 26.
Pipe coupler interlock. F. E. Becker. 2,413,402; Dec. 31.
Pipe coupling. W. A. G. Box. 2,396,078; Mar. 5.
Pipe coupling. C. A. Dies. 2,396,163; Mar. 5.
Pipe coupling. D. L. Giles. 2,412,394; Dec. 10.
Pipe coupling. A. C. Kelle. 2,413,106; Dec. 24.
Pipe coupling. A. L. Parker. 2,394,097; Feb. 5.
Pipe coupling. E. W. Rembert. Re. 22,782; Aug. 20.
Pipe cutter. J. R. Jobe. 2,397,318; Mar. 26.
Pipe-cutting apparatus. P. A. Howard. 2,408,517; Oct. 1.
Pipe fitting. F. J. Veitch. 2,404,259; July 16.
Pipe flange, Thermoplastic. O. B. Amley and J. B. Gregory. 2,412,487; Dec. 10.
Pipe for motor watercraft, Air intake. W. Helmore. 2,413,350; Dec. 31.
Pipe forming machine. E. F. Sewell. 2,404,464; July 23.
Pipe hanger. G. P. Reintjes. 2,394,263; Feb. 5.
Pipe holder. H. B. Deckert. 2,413,297; Dec. 31.
Pipe joining device. H. W. Jewell. 2,409,865; Oct. 22.
Pipe joint. M. E. Alexander. 2,398,399; Apr. 16.
Pipe joint. J. Ferla. 2,405,567; Aug. 13.
Pipe-line cleaner. J. E. Hall. 2,392,144; Jan. 1.
Pipe-line repair plug. H. S. Danner. 2,399,544; Apr. 30.
Pipe made from lead alloys, Extruded. W. T. Butcher and A. Lloyd. 2,409,540; Oct. 15.
Pipe section and coupling therefor, Flexible. J. A. Zublin. 2,402,003; June 11.
Pipe-shearing mechanism. E. A. Roop. 2,397,048; Mar. 19.
Pipe, Smoker's. J. Leedy and L. Patrick. 2,404,733; July 23.
Pipe tapping device. R. J. O'Neil. 2,392,059; Jan. 1.
Pipe with plastic material, Lining. C. E. Bennett. 2,399,849; May 7.
Pipe wrench. F. W. Livermont. 2,403,187; July 2.
Pipe wrench. B. L. Lurie. 2,407,990; Sept. 24.
Pipe wrench. A. M. Rowland. 2,405,757; Aug. 13.
Pipette, Adjustable automatic. W. D. Long. 2,398,234; Apr. 9.
Pipette and making same. R. L. Elliot and E. M. Lavor. 2,398,737; Apr. 16.
Piperidine derivatives, Manufacture of. F. Bergel, N. C. Hindley, A. L. Morrison, and H. Rinderknecht. 2,403,903; July 16.
Piperidinoethanol ester of di-n-butyl acetic acid. H. Martin and A. Margot. 2,411,283; Nov. 19.
Piperylene, Purifying. F. J. Soday. 2,413,257; Dec. 24.
Piping attachment for sewing machines. E. T. Coates. 2,393,292; Jan. 22.
Pistol installation, Flare. H. L. Wheeler. 2,400,322; May 14.
Piston. C. S. Clark. 2,395,847; Mar. 5.
Piston. C. S. Clark. 2,396,084; Mar. 5.
Piston. B. Cones. 2,408,915; Oct. 8.
Piston. R. T. Cornelius. 2,410,405; Nov. 5.
Piston. R. W. Dexter and P. L. Loewe. 2,407,631; Sept. 17.
Piston. J. W. Howlett. 2,394,241; Feb. 5.
Piston. J. W. Howlett. 2,398,005; Apr. 9.
Piston. A. E. Meinke. 2,409,057; Oct. 8.
Piston. G. L. Nampa. 2,410,895; Nov. 12.
Piston. B. W. Olin. 2,404,651; July 23.
Piston. W. A. Parkins. 2,408,875; Oct. 8.
Piston. H. P. Phillips. 2,403,455; July 9.
Piston. E. R. Price. 2,396,386; Mar. 12.
Piston. W. A. Roth. 2,406,258; Aug. 20.
Piston. W. A. Roth. 2,406,511; Aug. 27.
Piston. K. A. Smith. 2,408,346; Sept. 24.
Piston. O. L. Starr. 2,402,213; June 18.
Piston. E. M. Svete. 2,394,269; Feb. 5.
Piston. R. R. Teetor. 2,407,192; Sept. 3.
Piston. H. B. Young. 2,402,268; June 18.
Piston and connecting rod mechanism. A. Zemen. 2,404,470; July 23.
Piston and connecting rod thereof. R. C. Luedtke. 2,413,059; Dec. 24.
Piston and cylinder assembly. R. E. Dunnebeck. 2,412,975; Dec. 24.
Piston and cylinder construction, Hydraulic shock absorber. G. M. Magrum. 2,409,505; Oct. 15.
Piston and cylinder device. W. H. Cook. 2,405,016; July 30.
Piston and guide structure for engines of the reciprocating piston type. J. Schoenfeld. 2,395,911; Mar. 5.
Piston and piston ring improvement. T. A. Bowers. 2,403,574; July 9.
Piston and valve mechanism, Two cycle gas engine cylinder. J. A. Kramer. 2,393,542; Jan. 22.
Piston, Arcuate. R. L. Snyder. 2,413,590; Dec. 31.
Piston assembly. C. N. Kahl. 2,409,868; Oct. 22.
Piston assembly, Valved pump. O. A. Kehle. 2,404,502; July 23.
Piston brake valve. R. B. Campbell. 2,404,122; July 16.
Piston cleaning apparatus. C. A. Stine. 2,394,338; Feb. 5.
Piston construction. S. H. Hamilton and L. W. Shelly. 2,413,347; Dec. 31.
Piston construction. W. A. Ledwith. 2,411,886; Dec. 3.
Piston construction. J. J. Mis. 2,396,018; Mar. 5.
Piston construction. F. E. Payne. 2,392,182; Jan. 1.
Piston construction for compressor units. V. Cronstedt and A. Kalitinsky. 2,410,428; Nov. 5.
Piston device. S. G. Down. 2,407,872; Sept. 17.
Piston device, Radial reciprocating. A. T. Logus. 2,404,305; July 16.
Piston engine. E. M. Badoux. 2,409,555; Oct. 15.
Piston expander. C. Melidoni. 2,396,055; Mar. 5.
Piston expander. W. J. Six. 2,397,056; Mar. 19.
Piston, Expansible. J. D. Buchanan. 2,393,747; Jan. 29.
Piston for internal-combustion engine. W. Howald. 2,394,179; Feb. 5.
Piston for internal-combustion engines. G. V. Bratzel. 2,398,577; Apr. 16.
Piston for internal-combustion engines. J. L. Harrah. 2,409,852; Oct. 22.
Piston for internal-combustion engines. W. Osborne. 2,407,440; Sept. 10.
Piston, Lubricated. G. W. Pontius, III. 2,398,910; Apr. 23.
Piston, Oil cooled. W. Gasser. 2,396,500; Mar. 12.
Piston ring. H. M. Bramberry. 2,404,616; July 23.
Piston ring. F. Ernst. 2,400,109; May 14.
Piston ring. G. Iliffe. 2,412,734; Dec. 17.
Piston ring. S. E. Jessup. 2,409,764; Oct. 22.
Piston ring. W. S. Loeb. 2,399,683; May 7.
Piston ring. W. S. Loeb. 2,410,452; Nov. 5.
Piston ring. C. and M. W. Marien. 2,406,844; Sept. 3.
Piston ring. T. E. McFall. 2,404,140; July 16.
Piston ring. J. A. Ramsey. 2,411,757; Nov. 26.
Piston ring. R. R. Teetor. 2,397,220; Mar. 26.
Piston ring. V. F. Zahodiakin. 2,397,636; Apr. 2.
Piston ring and expander means therefor. O. L. Starr. 2,394,408; Feb. 5.
Piston ring assembly element and making. H. P. Phillips. 2,404,862; July 30.

Piston ring spacer. T. E. McFall. 2,405,318; Aug. 6.
Piston rod packing retainer ring. G. T. Kemmerling. 2,413,504; Dec. 31.
Piston, Self-cleaning. J. J. de la Roza, Sr. 2,398,135; Apr. 9.
Pitch and diameter control, Propeller. F. Du P. Ammen. 2,403,899; July 16.
Pitch and roll indicator. F. H. Hagner. 2,402,395; June 18.
Pitch changing mechanism. F. W. Caldwell, E. Martin, and E. E. Vincent. 2,392,364; Jan. 8.
Pitot tube. E. Daiber. 2,393,593; Jan. 29.
Pitot tube. J. McOrily. 2,399,370; Apr. 30.
Pitter, Fruit. G. H. Barrows. 2,392,451; Jan. 8.
Pitting machine. G. W. Ashlock, Jr. 2,406,736; Sept. 3.
Pivot pin. W. E. Brill. 2,406,940; Sept. 3.
Pivot, Tooth root. J. Ruetz. 2,411,758; Nov. 26.
Pivotal joint. R. W. Brown. 2,393,501; Jan. 22.
Plane, Hand. C. E. Goodridge. 2,395,268; Feb. 19.
Plane, Power-driven hand. W. H. Yandell. 2,395,158; Feb. 19.
Plane surfaces, Method and apparatus for grinding. W. C. Sutton. 2,402,305; June 18.
Planer. P. S. Jackson. 2,412,337; Dec. 10.
Planer, Electric. A. Friedman and P. Thompson. 2,411,257; Nov. 19.
Planer gauge. J. Betoche. 2,399,160; Apr. 30.
Planer gauge. C. C. Sconce. 2,400,441; May 14.
Planetary manual control mechanism. J. M. Wilson. 2,397,068; Mar. 19.
Planetary transmission. H. E. Carnague. Re. 22,718; Feb. 12.
Planishing machine. W. K. Beckwith. 2,395,366; Feb. 19.
Plank or board joint. F. J. Tirrel. 2,405,469; Aug. 6.
Planking, Ship-deck. A. A. Glidden and W. R. Hickler. 2,397,936; Apr. 9.
Plant, Combustion-engine power. J. Barraja-Frauenfelder and O. G. Schrom. 2,395,443; Feb. 26.
Plant extracts and producing same O. Gisvold. 2,408,924; Oct. 8.
Plant for airplanes, Auxiliary power. A. T. Sundell. 2,395,919; Mar. 5.
Plant, Gas turbine. W. Traupel. 2,399,152; Apr. 23.
Plant, Internal-combustion engine turbine. T. Clark and W. H. Lindsey. 2,404,275; July 16.
Plant, Internal-combustion turbine. D. MacL. Smith. 2,397,815; Apr. 2.
Plant, Power. L. Birkigt. 2,400,068; May 14.
Plant, Power. E. Wilcox. 2,400,899; May 28.
Plant products, Treating. H. A. Noyes. 2,395,498; Feb. 26.
Plant, Steam power. A. Doble. 2,393,313; Jan. 22.
Plant stimulant composition and method. J. H. Billman. 2,411,359; Nov. 19.
Plant, Well drilling. M. T. Archer. 2,405,546; Aug. 13.
Planter. L. H. Kaupke and L. E. Smith. 2,403,376; July 2.
Planter. L. E. Smith. 2,395,350; Feb. 19.
Planter, Seed. H. R. Holloway. 2,394,778; Feb. 12.
Plants, Method of and apparatus for dusting. G. S. and C. Messinger. 2,400,702; May 21.
Plaque, Ornamental. C. W. Johnson. 2,392,046; Jan. 1.
Plaster compound. H. Brown. 2,410,865; Nov. 12.
Plaster, Set stabilized. H. F. Gardner. 2,406,757; Sept. 3.
Plastic arch support. W. M. Scholl. 2,401,514; June 4.
Plastic articles, Making. A. W. Prance. 2,410,361; Oct. 29.
Plastic articles, Making molded. W. H. Parmelee. 2,401,180; May 28.
Plastic composition. W. W. Koch. 2,397,320; Mar. 26.
Plastic composition. I. J. Novak and J. N. Kuzmick. 2,402,910–11; June 25.
Plastic composition and making. A. V. Keller. 2,404,910; July 30.
Plastic composition, Metal containing. C. Luckhaupt. 2,406,428; Aug. 27.
Plastic compositions, Odor stabilized. V. Yngve. 2,394,417; Feb. 5.
Plastic compositions of polyvinyl ester and wax. G. J. Manson. 2,413,239; Dec. 24.
Plastic elements, Art of fabricating articles of decorative. M. H. Storch. 2,393,486; Jan. 22.
Plastic forming apparatus. W. J. Baird and W. N. Sparks. 2,409,096; Oct. 8.
Plastic hollow bodies, Molding. E. Gronemeyer and S. Cherba. 2,410,936; Nov. 12.
Plastic injection, Method and apparatus for. H. F. MacMillin, W. Ernst, and G. A. Waldle. 2,398,318; Apr. 9.
Plastic lipstick holder. J. W. Anderson. 2,395,709; Feb. 26.
Plastic material, Readily combustible. H. A. Bruson and G. B. Butler. 2,404,688; July 23.
Plastic material, Transparent. B. Andersen. 2,404,422; July 23.
Plastic materials, Plasticizing or plasticating. F. M. Roddy. 2,404,406; July 23.
Plastic milk carton case. L. C. Foist. 2,409,748; Oct. 22.
Plastic molding. D. A. Wallace. 2,411,398; Nov. 19.
Plastic molding machine. A. A. Burry. 2,408,911; Oct. 8.
Plastic objects, Making. L. J. A. Lavallee. 2,401,306; June 4.
Plastic oxy-aromatic petroleum wax and making the same. O. M. Reiff and J. D. Zech. 2,401,104; May 28.
Plastic product. M. A. Powers. 2,410,744; Nov. 5.
Plastic product and forming same. Z. T. Walter. 2,393,437; Jan. 22.
Plastic sheet and manufacture. E. H. Land. 2,397,149; Mar. 26.
Plastic surfaces, Treatment of. H. P. Staudinger and H. M. Hutchinson. 2,400,720; May 21.
Plastic, Visible light transparent. B. M. Goldrick and B. M. Marks. 2,403,794; July 9.
Plasticized composition. F. J. Soday. 2,394,815; Feb. 12.
Plasticized compositions. G. F. Deebel. 2,399,330; Apr. 30.
Plasticized prolamine and derivative compositions, Production of. W. L. Morgan. 2,410,124; Oct. 29.
Plasticized refrigerator cabinet. R. W. Ayres. 2,394,134; Feb. 5.
Plasticizers. W. P. Bitler and L. Nicholl. 2,406,657; Aug. 27.
Plasticizers and making the same. E. A. Rodman. 2,396,129; Mar. 5.
Plasticizing of glassine papers. H. B. Wenberg. 2,403,697; July 9.
Plastics. H. A. Bruson and G. B. Butler. 2,407,131; Sept. 3.
Plastics, Automatic molding of. J. B. Whitmore, W. Makenny, and F. A. Newcombe. 2,409,725; Oct. 22.
Plastics containing A 3-alkyl 2-phenylimino benzothiazoline, Cellulose organic acid ester. D. R. Morey and R. L. Tichenor. 2,393,801; Jan. 29.
Plastics containing N N'-diphenyl acetamidine, Cellulose organic acid ester. D. R. Morey and R. L. Tichenor. 2,393,802; Jan. 29.
Plastics containing resacetophenone, Cellulose organic acid ester. L. W. A. Meyer and W. M. Gearhart. 2,393,794; Jan. 29.
Plastics, Molding of. H. J. Hart. 2,399,117; Apr. 23.
Plastics, Plasticization of. J. D. Jenkins. Re. 22,812; Dec. 3.
Plastics, Proteinous. G. E. Ellerman. 2,412,327; Dec. 10.
Plastometer. S. A. Loukomsky and C. R. Stock. 2,410,385; Oct. 29.
Plate and making same, Lithographic. J. D. Pursell. 2,407,290; Sept. 10.
Plate, Automobile license. F. J. Gantnier. 2,406,286; Aug. 20.
Plate clamp. W. L. Keehn. 2,408,560; Oct. 1.
Plate, Clutch. H. Nutt. 2,408,441; Oct. 1.
Plate construction for freight cars, Side. V. Willoughby. 2,407,523; Sept. 10.
Plate, Face W. R. Schlage. 2,410,462; Nov. 5.
Plate for bundle accessories, End. H. C. Wolf. 2,402,701; June 25.
Plate for door locks, Adjustable strike. J. F. Leary and C. W. Michatek. 2,403,182; July 2.
Plate for sport shoes, Removable spike. W. B. Hastings, Jr. 2,395,270; Feb. 19.
Plate, Fracture. M. G. Hardinge. 2,406,832; Sept. 3.
Plate, Glass electric hot. J. Bilan. 2,409,244; Oct. 15.
Plate grapple. C. E. Baker. 2,412,555; Dec. 17.
Plate installing device for road building machines, Dowel and shear. J. N. Heltzel. 2,399,025; Apr. 23.
Plate lifting clamp. E. M. Gardner. 2,393,101; Jan. 15.
Plate, Magnetic chuck attachment. F. Sheppard. 2,401,887; June 11.
Plate, Photogravure printing. W. G. Mullen. 2,397,616; Apr. 2.
Plate, Porous resilient printing. R. G. Chollar. 2,392,521; Jan. 8.
Plate, Printing. J. J. Murray. 2,397,285; Mar. 26.
Plate, Rotary sine index. E. P. Saunders. 2,406,906; Sept. 3.
Plate, Storage battery. C. Ambruster. 2,404,158; July 16.
Plate, Storage battery. R. F. Murphy. 2,401,435; June 4.
Plate, Strike. W. G. Berry, Jr. 2,401,854; June 11.
Plate, Tie. R. J. Lloyd. 2,397,023; Mar. 19.
Plate, Tire tube repair. H. V. James. 2,412,736; Dec. 17.
Plate, Wiping. L. N. Hampton. 2,402,998; July 2.
Plates of cellulose material, Making shallow baking. H. F. Waters. 2,407,118; Sept. 3.
Plates to their bases, Securing printing. H. J. Luehrs. 2,406,882; Sept. 3.
Plates, Welding. H. Klopstock and A. R. Neelands. 2,399,356; Apr. 30.
Platform arrangement for portable derricks, Working. W. D. Walters. 2,412,020; Dec. 3.
Platform for mine cars, Adjustable. A. Feucht. 2,396,365; Mar. 12.
Platform, Shoe. C. W. Mathieson. 2,406,091; Aug. 20
Plating, Acid rhodium. A. Brenner and W. A. Olson. 2,401,331; June 4.
Plating, Chromium. R. M. Wick. 2,392,871; Jan. 15.
Platinum or allied metals, or their alloys, and articles made therefrom. C. J. Smithells. 2,406,172; Aug. 20.
Playpen and playhouse, Combined. S. L. Dennis. 2,402,876; June 25.
Plier structure. J. H. Melchers. 2,399,497; Apr. 30.
Plier wrench. M. W. Emmett. 2,397,095; Mar. 26.

Pliers for twisting wire, Combination. R. C. Robinson. 2,394,807; Feb. 12.
Plotting mechanism. R. E. Crooke. 2,402,026; June 11.
Plow. A. W. Leland. 2,408,936; Oct. 8.
Plow. A. A. Scarlett. Re. 22,787; Sept. 3.
Plow, Adjustable. J. R. Michael. 2,399,818; May 7.
Plow and cultivator gauge. G. S. Keasler. 2,396,467; Mar. 12.
Plow, Automatic auxiliary. K. E. Butler. 2,402,365; June 18.
Plow bottom. C. G. Strandlund. 2,395,021; Feb. 19.
Plow, Buster gang. H. C. Harris. 2,407,006; Sept. 3.
Plow for rotary chargers. E. M. Cooper. 2,392,231; Jan. 1.
Plow, Snow. G. B. Kester. 2,410,543; Nov. 5.
Plow with single colter. W. F. Mellen and J. H. Clasen. 2,401,837; June 11.
Plug; *See*—

Anticorrosion plug.	Nonspill vent plug.
Blasting plug.	Passage plug.
Bridging plug.	Pipe-line repair plug.
Card terminal plug.	Safety plug.
Detachable plug.	Self-latching electric plug.
Electric fuse connection plug.	Spark plug.
Electric plug.	Sparking plug.
Electrical attachment plug	Spring retained closure plug.
Electrical contact plug.	Thermostatic switch plug.
Extension plug.	Towline plug.
Filter plug.	Wall plug.
Fish lure casting plug.	Wooden plug.
Fused electrical plug.	
Multiple electric fuse plug.	

Plug and socket connection, Electrical. H. W. Reed. 2,413,519; Dec. 31.
Plug and socket connector. L. F. Baker. 2,404,682; July 23.
Plug and socket, Electrical. C. A., F. B., and W. A. Geers. 2,398,635; Apr. 16.
Plug and switch box. D. Conlan. 2,397,595; Apr. 2.
Pingboard. D. R. Platt and A. E. Gray. 2,407,176; Sept. 3.
Plug connection, Hospital. W. P. Crockett. 2,405,735; Aug. 13.
Plug connector. J. B. Miller and J. H. Simpson. 2,396,872; Mar. 19.
Plug gauge. C. W. Eisele. 2,392,317; Jan. 8.
Plug separator. C. A. Levin and O. A. Lorenz. 2,409,289; Oct. 15.
Plug valve. P. E. Purcell. 2,396,880; Mar. 19.
Plugs, Making jack. R. G. Arey. 2,401,451; June 4.
Plumbing unit, Antisiphonic. J. C. Owens. 2,395,906; Mar. 5.
Plunger, Double suction. G. Bonde. 2,406,317; Aug. 27.
Plunger, Pump. S. H. Holt. 2,408,979; Oct. 8.
Plywood parts, Building and forming. H. J. Luth. 2,407,711; Sept. 17.
Plywood structure. W. E. Wilson. 2,409,819; Oct. 22.
Plywood, Treating. M. Pasquier. 2,400,051; May 7.
Plywood tubing, Making. T. E. Ich. 2,411,542; Nov. 26.
Pneumatic motor. E. W. Davis. 2,406,747; Sept. 3.
Pneumatic shock absorber for drop hammers. L. F. Day. 2,398,084; Apr. 9.
Pneumatic thread removing system for weft replenishing looms. W. H. Wakefield. 2,396,354; Mar. 12.
Pneumatic tire, Sealing tubeless. E. F. Powell, W. G. and P. W. Badham. 2,399,572; Apr. 30.
Pneumatic tool. J. Arthur. 2,398,992; Apr. 23.
Pneumatic vehicle tires, Low air pressure alarm for. C. L. Dyke. 2,400,107; May 14.
Pneumodynamic extractor. P. A. Bayless. 2,406,187; Aug. 20.
Pocket accessory, Multiple purpose. H. F. Dye. 2,401,750; June 11.
Pocket adding machine. W. M. Andrews. 2,395,609; Feb. 26.
Pocket, Adjustable breast. I. Panes. 2,407,574; Sept. 10.
Pocket attachment for firemen's coats, Gas mask carrier. A. M. Grunwell. 2,409,354; Oct. 15.
Pocket case. A. Campos. 2,400,289; May 14.
Pocket, Concealed garment. J. Lesser. 2,407,888; Sept. 17.
Pocket construction for trousers. I. M. Falk. 2,409,025; Oct. 8.
Pocket dispenser. W. C. Moeller. 2,408,150; Sept. 24.
Pocket for brassières, Breast. R. H. Davidson. 2,397,247; Mar. 26.
Pocket for garments, Convertible. R. Lauria. 2,405,964; Aug. 20.
Pocket for hearing aids, Carrying. M. H. Brede. 2,408,966; Oct. 8.
Pocket, Garment. J. M. Haggar. 2,413,141; Dec. 24.
Pocketknife. G. W. Newman. 2,407,897; Sept. 17.
Poison gas protection. M. Mendelsohn. 2,396,923; Mar. 19.
Poisoning composition and method. I. L. Griffin and C. F. Morriss. 2,394,683; Feb. 12.
Polarizer and manufacture, Light. H. G. Rogers. 2,398,506; Apr. 16.
Polarizers, Manufacturing coated light. C. E. Barnes. 2,397,231; Mar. 26.
Polarizing crystalline formation by transfer and expansion. A. Marks. 2,398,435; Apr. 16.
Pole. A. E. Brickman. 2,392,222; Jan. 1.
Pole climber. C. J. Knudsen. 2,392,538; Jan. 8.
Pole construction for drying machines, Expansible. R. C. Parkes. 2,398,190; Apr. 9.
Pole, Fish. R. T. Makle. 2,394,706; Feb. 12.
Pole, Towing. E. C. Christensen. 2,409,662; Oct. 22.
Polemethine dyestuffs. J. D. Kendall and H. D. Edwards. 2,412,816; Dec. 17.
Polish compositions. B. W. Howk, J. R. Roland, and H. H. Hoehn. 2,409,683; Oct. 22.
Polish remover, Cream nail. D. E. Francisco. 2,393,864; Jan. 29.
Polisher, Bowling ball. L. Cloutier. 2,405,344; Aug. 6.
Polishes and making them. H. E. Wassell. 2,395,025; Feb. 19.
Polishing composition. B. C. Van Valkenburgh. 2,393,844; Jan. 29.
Polishing material and making same. F. L. Turbett. 2,396,398; Mar. 12.
Polishing material and preparing some. W. T. Maloney. 2,399,237; Apr. 30.
Polyamide emulsion. R. M. Leekley. 2,405,965; Aug. 20.
Polyamides and obtaining them. T. L. S. Cairns. 2,393,972; Feb. 5.
Polyamides, Plasticized. F. C. McGrew. 2,396,715; Mar. 19.
Polyamines. M. Senkus. 2,393,825; Jan. 29.
Polyamines and preparing them. M. Senkus. 2,413,248; Dec. 24.
Polyaminoacetals, Preparation of. W. F. Gresham. 2,409,675; Oct. 22.
Poly chloroprene composition. G. von Stroh. 2,405,336; Aug. 6.
Polychloroprene, Plasticized. M. T. Harvey. 2,409,277; Oct. 15.
Poly-dihydronordicyclopentadienyl ethers. H. A. Bruson. 2,393,610; Jan. 29.
Polydioxolane, Preparation of. W. F. Gresham. 2,394,910; Feb. 12.
Poly-dispersions containing curable synthetic rubber. J. D. Robinson and F. J. Myers. 2,400,054; May 7.
Polyene compounds, Conjugated fatty. A. Turk and P. D. Boone. 2,405,380; Aug. 6.
Polyene compounds, Treatment of. A. W. Ralston and O. Turinsky. 2,411,111–13; Nov. 12.
Polyesters, Manufacture of. J. B. Howard. 2,410,073; Oct. 29.
Polyesters, Subresinous. M. De Groote and B. Keiser. 2,411,029; Nov. 12.
Polyethylene film-forming composition. W. L. Alderson, Jr. 2,405,933; Aug. 20.
Polyethylene, Halogenated. A. McAlevy. 2,405,971; Aug. 20.
Polyfluorinated cycloparaffins and producing them. J. Harmon. 2,404,374; July 23.
Polyfluoro carbonyl compounds and their preparation, Saturated. W. E. Hanford. 2,411,158; Nov. 19.
Polyfluoro organic ethers and their preparation. W. E. Hanford and G. W. Rigby. 2,409,274; Oct. 15.
Polygonal separable section container. A. P. D. Belanger. 2,403,901; July 16.
Polyhalogenated straight-chain aliphatic carboxylic acid halides, Making. C. W. Theobald. 2,411,982; Dec. 3.
Polyharmonic damper, Self-tuning. G. A. Rubissow. 2,398,722; Apr. 16.
Polyhydric phenol-acetone-formaldehyde products and making same. J. B. Rust and F. A. Hessel. 2,398,331; Apr. 9.
Polyhydroxy compounds, Production of. J. F. Walker. 2,400,724; May 21.
Polyhydroxyamino compounds. J. S. Pierce and J. H. Wotiz. 2,408,096; Sept. 24.
Polymer composition, Extrudable. R. M. Thomas and F. P. Baldwin. 2,399,262; Apr. 30.
Polymer compositions and their preparation. W. H. Charch. 2,404,726; July 23.
Polymer layers, Production of. K. Thinius. 2,396,621; Mar. 12.
Polymer, Polysulphide. L. L. Ryden. 2,406,260; Aug. 20.
Polymer products. V. L. Hansley. 2,404,716; July 23.
Polymer products. R. C. Houtz. 2,404,720; July 23.
Polymer products. G. H. Latham. 2,404,714; July 23.
Polymer products and producing same. R. C. Houtz. 2,404,721; July 23.
Polymer reforming. M. H. and E. Gorin, L. G. Sharp, and I. H. Wellinsky. 2,401,865; June 11.
Polymer slurry process. J. R. Brown, Jr., and I. E. Lightbown. 2,403,966; July 16.
Polymer solutions. A. O. Rogers. 2,404,715; July 23.
Polymer solutions. A. O. Rogers. 2,404,725; July 23.
Polymer solutions, Acrylonitrile. R. C. Houtz. 2,404,722; July 23.
Polymer solutions, Preparation of. R. R. Merner. 2,404,723; July 23.
Polymer, Terpene. J. N. Borglin. 2,405,558; Aug. 13.
Polymeric acetals. W. H. Sharkey. 2,396,209; Mar. 5.
Polymeric cellulose structure and making same. H. E. Woodward. 2,397,454; Mar. 26.
Polymeric compounds, Production of. H. Dreyfus. 2,392,131–2; Jan. 1.

Polymeric materials. A. W. Larchar. 2,412,993; Dec. 24.
Polymeric materials. E. L. Martin. 2,409,948; Oct. 22.
Polymeric materials. W. W. Prichard. 2,395,642; Feb. 26.
Polymeric materials with dithioglycidol, Treatment of. W. A. Lazier and F. K. Signaigo. 2,396,957; Mar. 19.
Polymeric products and preparation of same. R. R. Dreisbach. 2,398,736; Apr. 16.
Polymeric solutions, Preparing. T. G. Finzel. 2,404,728; July 23.
Polymeric solutions, Preparing. R. C. Houtz. 2,404,713; July 23.
Polymerization. J. W. Brooks, A. A. O'Kelly and R. H. Work. 2,409,248; Oct. 15.
Polymerization catalyst. M. D. Peterson. 2,391,920; Jan. 1.
Polymerization in aqueous emulsion. C. F. Fryling. 2,392,585; Jan. 8.
Polymerization of butadienes. G. P. Mack. 2,398,105; Apr. 9.
Polymerization of butadiene-1,3 hydrocarbons. C. F. Fryling. 2,401,346; June 4.
Polymerization of ethylene with other polymerizable substances. W. E. Hanford and J. R. Roland. 2,402,136; June 18.
Polymerization of maltose. G. J. Leuck. 2,400,423; May 14.
Polymerization of methallyl alcohol. H. F. Pfann and E. L. Kropa. 2,401,959; June 11.
Polymerization of olefins to oily polymers. A. B. Herberger. 2,401,933; June 11.
Polymerization of propylene. D. E. Burney, E. L. d'Ouville, and C. M. Hull. 2,397,945; Apr. 9.
Polymerization of propylene. C. S. Kuhn, Jr. 2,400,520; May 21.
Polymerization of vinyl acetate. J. O. White. 2,401,445; June 4.
Polymerization process. J. W. Brooks, A. A. O'Kelly and R. H. Work. 2,409,247; Oct. 15.
Polymerization process. W. J. Sparks and A. H. Gleason. 2,411,599; Nov. 26.
Polymerization process. H. D. Wilde. 2,405,480; Aug. 6.
Polymerization process, Solution. J. F. Nelson and A. B. Small. 2,400,129; May 14.
Polymerization product and producing same, Rubberlike. G. A. Thomas. 2,398,976; Apr. 23.
Polymerization product of dicarboxylic compounds and vinylic compounds, Conjoint. H. L. Gerhart. 2,392,139; Jan. 1.
Polymerization products from aromatic carbonyl compounds and aromatic vinyl compounds. U. Hoffmann and H. Meis. 2,404,711; July 23.
Polymerization products, Recovery of low temperature. R. M. Thomas and D. C. Field. 2,408,007; Sept. 24.
Polymerizing apparatus and method. H. G. Rogers. 2,406,403; Aug. 27.
Polymers. D. D. Coffman. 2,399,626; May 7.
Polymers and making them, Fiber-forming. R. E. Christ. 2,396,248; Mar. 12.
Polymers, Cured. J. P. Haworth. 2,393,321; Jan. 22.
Polymers, Dissolving of. R. C. Houtz. 2,404,718; July 23.
Polymers, Dissolving of. R. C. Houtz. 2,404,727; July 23.
Polymers, Manufacture of. E. V. Murphree, W. W. Waterman, and A. D. Green. 2,395,901; Mar. 5.
Polymers of alkyl acrylate and resulting product, Forming. F. C. Atwood. 2,400,477; May 21.
Polymers of ethylene and halovinyl compounds and their preparation. W. E. Hanford and J. R. Roland. 2,409,679; Oct. 22.
Polymers of 1-carbalkoxybutadienes-1,3 and making same. H. Gudgeon and R. Hill. 2,395,812; Mar. 5.
Polymers of unsaturated compounds and producing same. E. L. Kropa. 2,409,633; Oct. 22.
Polymers, Preparation of ethylene. N. W. Krase and A. E. Lawrence. 2,396,791; Mar. 19.
Polymers, Preparing solutions of. R. C. Houtz. 2,404,724; July 23.
Polymers, Producing elastic. F. C. Atwood and H. A. Hill. 2,398,350; Apr. 16.
Polymers, Production of. A. D. Green. 2,401,754; June 11.
Polynuclear aromatic hydrocarbons, Manufacture of. J. E. Schulze. 2,403,127; July 2.
Polysiloxane resins, Preparing. J. Marsden. 2,406,621; Aug. 27.
Polystyrene-type resins plasticized with high boiling fatty acid alkyl esters. F. J. Soday. 2,413,258; Dec. 24.
Polytetrafluoroethylene, Obtaining decolorized. R. M. Joyce, Jr. 2,392,389; Jan. 8.
Polyunsaturated esters with polythiols and products produced thereby, Treatment of. W. J. Burke. 2,411,954; Dec. 3.
Polyvinyl acetal composition. F. A. Bent and K. E. Marple. 2,400,333; May 14.
Polyvinyl acetal maleates and making same. F. E. Wilson, G. J. Esselen, and G. F. D'Alelio. 2,513,275; Dec. 24.
Polyvinyl acetal, Plasticized. M. O. Debacher. 2,409,548; Oct. 15.
Polyvinyl acetal plasticized with a diglycerol ether. F. A. Bent and K. E. Marple. 2,393,513; Jan. 22.
Polyvinyl acetal resins, Manufacture of. G. S. Stamatoff. 2,400,957; May 28.
Polyvinyl acetal resins, Stabilization of. F. Groff. 2,392,041. Jan. 1.
Polyvinyl acetal stabilization. F. W. Cox. 2,396,556; Mar. 12.
Polyvinyl acetal, Stabilization of. F. W. Cox. 2,396,557; Mar. 12.
Polyvinyl acetals, Stabilized. F. W. Cox. 2,396,555; Mar. 12.
Polyvinyl alcohol composition. C. Dangelmajer. 2,408,377; Oct. 1.
Polyvinyl alcohol compositions to other materials, Adhering of. C. A. Porter. 2,408,682; Oct. 1.
Polyvinyl alcohol threads, Manufacture of. D. L. Wilson. 2,399,970; May 7.
Polyvinyl chloride composition. F. A. Bent and K. E. Marple. 2,393,512; Jan. 22.
Pontoon. L. N. Bell and R. R. and H. E. Harris. 2,401,453; June 4.
Pontoon, Collapsible salvage. J. A. Cook. 2,413,313; Dec. 31.
Pontoon construction, Dry dock. F. R. Harris. 2,412,578; Dec. 17.
Pontoon, Metal. G. G. Greulich. 2,394,764; Feb. 12.
Pontoon metering valve and combination. J. A. Cook. 2,412,205; Dec. 10.
Pontoon structure for airplanes. E. Weissman. 2,412,793; Dec. 17.
Pool and reservoir, Terraced combination. S. E. Test. 2,406,413; Aug. 27.
Pool hall rack or frame. M. Volpe. 2,405,677; Aug. 13.
Pools, Disinfecting system for swimming. I. B. Romans. 2,400,439; May 14.
Poppet valve and guide assembly. W. D. Appel. 2,411,844; Dec. 3.
Porcelain enameled products, Joinder of. W. W. Higgins. 2,403,079; July 2.
Porcelain pipe. R. L. McCoy. 2,406,235; Aug. 20.
Porous articles, Method and apparatus for producing. T. A. TeGrotenhuis. 2,395,920; Mar. 5.
Porous compositions. H. A. Gardner. 2,394,993; Feb. 19.
Porous compositions. H. A. Gardner. 2,398,703; Apr. 16.
Porous metal parts, Impregnating. R. R. Bourne. 2,401,221; May 28.
Portable apparatus. R. C. Blauvelt. 2,406,583; Aug. 27.
Portable bottle carrier. S. R. Koolnis. 2,397,549; Apr. 2.
Portable crane. J. E. Tom. 2,394,217; Feb. 5.
Portable display table. H. G. Trefry. 2,400,320; May 14.
Portable electric drill. R. Happe and E. P. Turner. 2,396,007; Mar. 5.
Portable electric heater. J. J. Gough. 2,410,211; Oct. 29.
Portable electric tool. R. Hsppe. 2,405,827; Aug. 13.
Portable engine. P. Altman. 2,410,143; Oct. 29.
Portable excavating and ejecting machine. F. G. Hehr. 2,413,561; Dec. 31.
Portable fluorescent lamp. M. B. Beck. 2,413,599; Dec. 31.
Portable heater. H. B. Holthouse. 2,396,657; Mar. 19.
Portable heater. T. F. Spackman. 2,403,155; July 2.
Portable lamp. R. Popp. 2,413,517; Dec. 31.
Portable-motor driven tool. R. L. Miller and M. Bartz. 2,411,584; Nov. 26.
Portable projection screen. J. L. Stableford. 2,395,304; Feb. 19.
Portable radial drill apparatus. C. A. Snyder. 2,392,070; Jan. 1.
Portable sportsman's seat. H. V. Pruder. 2,394,203; Feb. 5.
Portable traffic signal. P. L. B. Lange. 2,401,940; June 11.
Portraying intelligence, Method and apparatus for. H. W. Leverenz. 2,402,762; June 25.
Position determining system. W. M. Goodall. 2,408,773; Oct. 8.
Position determining system. S. W. Seeley. 2,405,238-9; Aug. 6.
Position-indicating system. B. D. Loughlin and J. F. Craib. 2,404,238; July 16.
Position indicator. R. G. Jewell. 2,405,429; Aug. 6.
Position indicator. C. D. Wilson. 2,392,209; Jan. 1.
Position reproducing mechanism. J. D. Tear. 2,405,066; July 30.
Position tracking, transmitting, and recording. C. G. Dunn and W. J. Tellington. 2,413,300; Dec. 31.
Positioner for bearings, Lock-ring. R. R. Beezley. 2,393,735; Jan. 29.
Positioner, Work. E. V. Cullen. 2,396,161; Mar. 5.
Positioning and holding means for apertured members, Temporary. F. E. Johnson. 2,398,644; Apr. 16.
Positioning and supporting device for car couplers. G. G. Gilpin. 2,404,285; July 16.
Positioning device. H. H. Gilbert. 2,400,501; May 21.
Positioning system, Electrical. G. H. Phelps. 2,409,895; Oct. 22.
Positive relay. F. D. Joesting. 2,394,186; Feb. 5.
Post, Clothes line. J. O. Swanson. 2,399,070; Apr. 23.
Post construction, Making wooden. A. B. Lank. 2,406,387; Aug. 27.
Post driver, Tractor operated. A. F. Pfingsten. 2,407,444; Sept. 10.

Post, Fence. J. F. Smith. 2,401,978; June 11.
Post, Highway traffic. R. E. L. Maxey. 2,410,228; Oct. 29.
Post, Louver. G. Allen. 2,397,458; Apr. 2.
Post setting apparatus. A. R. Grimith. 2,402,393; June 18.
Posting machine. C. Wittenmyer. 2,404,264; July 16.
Posture correcting device. I. Olelsky. 2,395,936; Mar. 5.
Pot burner. F. H. Schneider. 2,395,765; Feb. 26.
Pot, Cinder. W. Johnston, Jr. 2,406,380; Aug. 27.
Potassium chloride and magnesia, Production of. L. C. Sturbelle. 2,394,570; Feb. 12.
Potassium pentaborate, Manufacturing. F. H. May. 2,395,566; Feb. 26.
Potassium tetraborate, Manufacturing. F. H. May and H. B. Suhr. 2,395,567; Feb. 26.
Potato-planting machine. I. Pomieraniec. 2,397,091; Apr. 2.
Potato products and making, Sweet. L. M. Ware, H. Harris, and W. A. Johnson. 2,401,392; June 4.
Potatoes, Peeling. R. W. Miller and O. W. Andrews. 2,399,282; Apr. 30.
Potentiometer device. R. F. Mallina. 2,403,989; July 16.
Pottery machine. W. J. Miller. 2,399,689; May 7.
Potteryware, Apparatus for use in manufacturing. W. J. Miller. 2,402,656; June 25.
Potteryware, Method and apparatus for appendaging. W. J. Miller and A. J. Reek. Re. 22,823; Dec. 24.
Potteryware, Method and apparatus for appendaging. W. J. Miller and A. J. Reek. 2,410,123; Oct. 29.
Pouch, Tobacco. A. W. Richens. 2,396,437; Mar. 12.
Poultry feeder. J. J. Carmo. 2,412,951; Dec. 24.
Poultry feeder. C. E. Hedrick. 2,397,484; Apr. 2.
Poultry feeder. F. R. Long. 2,411,281; Nov. 19.
Poultry feeder. H. Niere. 2,406,432; Aug. 27.
Poultry feeder. R. T. Payne. 2,408,477; Oct. 1.
Powder, Controlling flow of. E. D. Reeves. 2,392,765; Jan. 8.
Powder from wheat, wood pitch and resin, and making, Thermosetting molding. C. L. Dixon. 2,407,225; Sept. 10.
Powder metallurgy. H. A. Toulmin, Jr. 2,393,130; Jan. 15.
Powder, Producing iron. W. J. Kroll. 2,413,411; Dec. 31.
Powders containing pelargonic esters, Propellent. G. Barsky. 2,396,074; Mar. 5.
Powders, Surface coated propellent explosive. T. Thomson. 2,407,967; Sept. 17.
Power apparatus for driving loads at variable speeds. L. A. Trofimov. 2,397,062; Mar. 19.
Power boost. E. R. Boynton and H. W. Avery. 2,393,585; Jan. 29.
Power cable skinner, Portable. E. E. Shaver. 2,396,442; Mar. 12.
Power chain saw frame and joining block therefor. A. B. Myers. 2,405,365; Aug. 6.
Power computer. L. W. Imm. 2,394,180; Feb. 5.
Power control. G. M. Holley, Jr. 2,407,078; Sept. 3.
Power control. C. F. Schorn. 2,412,360; Dec. 10.
Power control for aircraft engines. S. V. Maddox. 2,398,586; Apr. 16.
Power control for articulated beds. C. Drexler and R. H. Morgan. 2,397,092; Mar. 26.
Power control, Gun turret. G. W. Pontius, III, A. P. Wilson, and F. V. Kuzmitz. 2,404,090; July 16.
Power control unit. N. V. Kuehlman. 2,396,858; Mar. 19.
Power-driven gun with automatically positioned sight. J. D. Tear. 2,405,065; July 30.
Power factor meter. N. P. Millar. 2,402,904; June 25.
Power intensifier valve. E. A. Rockwell. 2,398,252; Apr. 9.
Power lift mechanism. W. H. Silver. 2,412,362; Dec. 10.
Power lifting apparatus. L. B. Ross. 2,394,809; Feb. 12.
Power means for road pugs. Martin and W. M. Madsen. 2,397,613; Apr. 2.
Power measurement, Ultra high frequency. C. C. Wang. 2,398,606; Apr. 16.
Power-operated devices, Locking means for. A. A. Quimper. 2,398,037; Apr. 9.
Power operated typewriting machine. G. F. Handley. 2,411,496; Nov. 19.
Powerplant. F. C. Reggio. 2,403,399; July 2.
Power plant, Airplane. Y. H. Pavlecka and J. K. Northrop. 2,409,446; Oct. 15.
Power plant arrangement, Aircraft. C. T. Torresen. 2,409,323; Oct. 15.
Power-plant assembly and control. H. F. Hanson and J. W. Morrow. 2,404,960; July 30.
Power plant construction. W. A. Ledwith. 2,411,887; Dec. 3.
Power plant for airplanes. A. P. E. and R. J. H. Planiol. 2,411,227; Nov. 19.
Power plant, Gas turbine. A. J. Larrecq. 2,399,046; Apr. 23.
Power plant, Gas turbine. A. H. Morey and A. Howard. 2,403,388; July 2.
Power plant, Marine. R. Strub. 2,405,676; Aug. 13.
Power plant mounting and method. J. P. Butterfield, D. M. Borden, and P. R. Vogt. 2,393,141; Jan. 15.
Power plant, Thermal. F. Salzmann. 2,404,748; July 23.
Power plant, Wind. T. E. Law. 2,409,439; Oct. 15.
Power press. E. Kann. 2,411,543; Nov. 26.
Power production in combustion turbines, Improving. J. Kreitner and F. Nettel. 2,407,165; Sept. 3.
Power system. M. A. Edwards. 2,393,619; Jan. 29.
Power take-off for tractors. C. E. Everett. 2,399,795; May 7.
Power take-off through tractor steering column. C. R. Hagen. 2,399,733; May 7.
Power take-off unit. B. W. Keese. 2,410,077; Oct. 29.
Power transmission. A. L. Ellis. 2,402,742; June 25.
Power transmission. A. L. Ellis. 2,403,913; July 16.
Power transmission. A. L. Ellis. 2,413,301; Dec. 31.
Power transmission. M. R. Fox. 2,392,471; Jan. 8.
Power transmission. D. B. Gardiner. 2,403,519; July 9.
Power transmission. H. W. Gilfillan and E. L. Bailey. 2,409,557; Oct. 15.
Power transmission. K. R. Herman, J. Robinson, and J. D. Dietiker. 2,403,924; July 16.
Power transmission. J. F. Jeannin. 2,401,567; June 4.
Power transmission. L. E. LaBrie. 2,407,289; Sept. 10.
Power transmission. J. A. Martin. 2,404,309; July 16.
Power transmission. B. L. Readman and R. A. Shartle. 2,392,504; Jan. 8.
Power transmission. J. Robinson. 2,412,835; Dec. 17.
Power transmission. E. L. Rose, R. L. Tweedale, W. Thomas, and E. M. Frankland. 2,402,777; June 25.
Power transmission. R. L. Tweedale. 2,402,789; June 25.
Power transmission. H. F. Vickers. 2,413,393; Dec. 31.
Power transmission. D. A. Wallace and E. C. Lee. 2,404,330; July 16.
Power transmission apparatus. G. Wallach. 2,410,137; Oct. 29.
Power transmission device. F. W. Avila. 2,410,921; Nov. 12.
Power transmission device. P. G. Frazier. 2,398,300; Apr. 9.
Power transmission mechanism. M. L. Forrest. 2,397,312; Mar. 26.
Power transmission mechanism. T. W. Millns. 2,411,101; Nov. 12.
Power transmission member, Flexible. S. Pile. 2,401,100; May 28.
Power transmission pump. B. J. Wilson. 2,411,606; Nov. 26.
Power transmission system. A. R. Stone. 2,391,930; Jan. 1.
Power transmission, Two-speed. C. A. Lucas. 2,392,250; Jan. 1.
Power transmitting means. G. R. Pennington. 2,397,368; Mar. 26.
Power transmitting mechanism. J. E. De Baun. 2,392,904; Jan. 15.
Power unit. F. P. Gerhardt. 2,398,221; Apr. 9.
Power unit. E. E. Hetteen. 2,411,038; Nov. 12.
Power unit. V. C. Kennedy. 2,406,150; Aug. 20.
Power unit. E. A. Rockwell. 2,405,852; Aug. 13.
Power unit. R. F. Thornton. 2,406,269; Aug. 20.
Power unit for reeling cable or wire. H. M. Jensen. 2,412,508; Dec. 10.
Power unit for traveling cranes. G. A. Mitchell. 2,406,889; Sept. 3.
Power unit, Gear. J. K. Morris. 2,398,841; Apr. 23.
Power unit-handle cooling, Portable. P. Altman. 2,410,142; Oct. 29.
Power unit, Hydraulic. C. J. Reimuller. 2,398,558; Apr. 16.
Power unit, Jet propulsion. A. J. Rowledge and T. Shelley. 2,400,714; May 21.
Power units for amusement devices and the like. C. E. Short and E. M. Brown, Jr. 2,398,471; Apr. 16.
Precision castings, Making. S. M. Stoody and R. L. Abos. 2,392,510; Jan. 8.
Precision drawing, Device for. O. C. Hedin. 2,397,109; Mar. 26.
Precision pressure measuring press. O. M. Summers. 2,399,404; Apr. 30.
Precision surfaces, Polishing. W. J. Dykoski and L. F. Borchardt. 2,398,628; Apr. 16.
Precombustion cracking process. D. E. Carr. 2,399,540; Apr. 30.
Predetermining device, Automatic. W. H. Marsh and E. Thoresen. 2,405,589; Aug. 13.
Prediction apparatus. W. T. White. 2,404,011; July 16.
Predictor, Artillery. C. A. Lovell, D. B. Parkinson, K. D. Swartzel, Jr., and B. T. Weber. 2,408,081; Sept. 24.
Prefabricated ceramic combustion chamber. F. Christenson. 2,392,121; Jan. 1.
Preheat system, Carburetor. F. C. Melchior. 2,407,719; Sept. 17.
Preheater. N. A. Arvins and A. A. Arvintz. 2,396,235; Mar. 12.
Preheater for fats. E. W. Pitman. 2,396,748; Mar. 19.
Preheater for furnaces and the like, Air. M. Steuerman. 2,409,451; Oct. 15.
Preheater for pulverizing mills, Air. R. S. Cooper and S. Holm. 2,410,337; Oct. 29.
Preheating device, Fuel. L. W. Beaven. 2,399,783; May 7.
Preparation of chemical cellulose for esterification. D. J. Kridel. 2,393,783; Jan. 29.
Preparation of chloronitroalkanes. S. P. Lingo. 2,397,358; Mar. 26.

Preparation of fluorohydrocarbons. G. M. Whitman. 2,401,850; June 11.
Preparation of isobutane and ethyl chloride. D. C. Bond and N. B. Russell. 2,392,454; Jan. 8.
Preparation of laminating fabric. A. Lyem. 2,409,703; Oct. 22.
Preparation of n-methyl-p-aminophenol. F. R. Bean. 2,397,911; Apr. 9.
Preparation of nitrolic acids and pseudonitoles. E. M. Nygaard. 2,401,269; May 28.
Preparation of tetrafluoroethylene. A. F. Benning, F. B. Downing, and R. J. Plunkett. 2,401,897; June 11.
Prescription blanks, Producing. A. C. McCrum. 2,405,972; Aug. 20.
Preselecting and control apparatus, Program. F. H. Owens. 2,403,454; July 9.
Preselecting mechanism. E. J. Mastney and J. H. Williams. Re. 22,790; Sept. 10.
Preselecting mechanism, Torque. W. P. Lear. 2,403,094; July 2.
Preselector apparatus. H. F. Elliott. 2,411,780; Nov. 26.
Preservative, composition. E. F. Hill. 2,392,987; Jan. 15.
Preservative compositions, Coating with. E. R. Littman and J. R. M. Klotz. 2,399,873; May 7.
Preserving. J. M. Jackson. 2,396,265; Mar. 12.
Press. *See*—

Briquetting press.	Power press.
Capacity controlled textile press.	Precision pressure measuring press.
Cupping press.	Printing press.
Cutting and creasing press.	Progressive drawing press.
Detonator loading press.	Punch press.
Drawing press.	Rotary printing press.
Extrusion press.	Scrap metal baling press.
Fluid press.	Sensitive drill press.
Forming press.	Shear press.
Glass press.	Sheet cutting and creasing press.
Honey press.	Shoe press.
Horizontal injection press	Thermopressure gluing press.
Hydraulic press.	Upward acting molding press.
Mechanical drawing press.	Work straightening press.
Metalworking press.	
Molding and gluing press.	
Molding press.	
Photograph and letter press.	

Press. H. V. Allison. 2,407,123; Sept. 3.
Press. J. P. Barbour. 2,409,824; Oct. 22.
Press. F. A. Brandes. 2,399,198; Apr. 30.
Press. A. A. Byerlein. 2,403,339; July 2.
Press. L. F. Day. 2,408,379; Oct. 1.
Press. L. B. Hooper. 2,401,302; June 4.
Press. W. Wilson. 2,395,083; Feb. 19.
Press and conveyer means, Combined printing. M. Lipton. 2,409,368; Oct. 15.
Press control. L. S. Hubbert. 2,408,312; Sept. 24.
Press dog, Baling. F. E. Deems. 2,392,465; Jan. 8.
Press for aircraft propellers and the like, Straightening. W. C. Edwards, Jr., and R. P. Elam. 2,393,317; Jan. 22.
Press for trim tile, Mechanically-actuated. R. List and A. Flynn. 2,406,619; Aug. 27.
Press molding machine. C. W. McCreery. 2,393,549; Jan. 22.
Press operating device. F. A. Doll. 2,403,912; July 16.
Press structure, Cylindrical. J. A. Muller. 2,403,822; July 9.
Press system, Hydraulic. W. Ernst. 2,411,716; Nov. 26.
Press system, Hydraulic. W. T. Stephens. 2,407,855; Sept. 17.
Presser for sewing machines, Electric hem. M. R. Little. 2,406,022; Aug. 20.
Presses, Control for power. W. F. Gayring. 2,400,639; May 21.
Presses, Safety device for fluid power operated. H. L. Carlyle. 2,400,486; May 21.
Presses, Stop motion mechanism for die. J. Simpson. 2,402,687; June 25.
Pressing apparatus. F. S. Carver. 2,404,165; July 16.
Pressing apparatus. B. A. Evans. 2,396,042; Mar. 5.
Pressing apparatus, Fabric. J. E. Preston. 2,398,325; Apr. 9.
Pressing, deaerating, and drying, Method and apparatus for. C. W. Williams. 2,397,827; Apr. 2.
Pressing device. J. C. Mohr. 2,395,898; Mar. 5.
Pressing heads for pressing machines and their manufacture. F. C. Lornitzo. 2,393,697; Jan. 29.
Pressing machine. F. J. Couch. 2,396,942; Mar. 19.
Pressing machine, Cabinet enclosed. W. F. Gayring. 2,400,638; May 21.
Pressing machine, Shirt body. F. J. Couch. 2,395,466; Feb. 26.
Pressing machine, Sole. C. F. Fitzgerald. 2,406,753; Sept. 3.
Pressure actuated electrical switch. H. G. Leupold. 2,411,796; Nov. 26.
Pressure actuated sprinkler valve. H. N. Rider. 2,398,461; Apr. 16.
Pressure actuated switch. A. T. Newell. 2,391,916; Jan. 1.
Pressure actuated valve. H. B. Schultz. 2,410,751; Nov. 5.
Pressure actuating system, Combined air hydraulic. S. Schnell. 2,405,759; Aug. 13.
Pressure apparatus. E. Orshansky, Jr. 2,393,558; Jan. 22.
Pressure atomizing oil burner. J. A. Logan. 2,411,048; Nov. 12.
Pressure control. L. C. Hufford. 2,402,284; June 18.
Pressure control apparatus. R. R. McIntosh. 2,395,973; Mar. 5.
Pressure control system, Fluid. W. A. Eaton. 2,400,688; May 21.
Pressure controlling mechanism, Cabin. L. A. Maxson. 2,413,027; Dec. 24.
Pressure cushion device, Air and fluid. H. L. Cook. 2,410,716; Nov. 5.
Pressure device, Fluid. F. W. Guibert and F. B. Fuller. 2,407,698; Sept. 17.
Pressure exchanger. C. Seippel. 2,399,394; Apr. 30.
Pressure fluid clutch. F. L. White and L. O. McLean. 2,395,239; Feb. 19.
Pressure fluid driven tool. R. R. Butts. 2,413,542; Dec. 31.
Pressure fluid follow-up motor. A. Spencer and J. H. Abbink-Spaink. 2,412,366; Dec. 10.
Pressure gauge. F. W. Dwyer. 2,411,508; Nov. 26.
Pressure gluing without retaining clamps, Cold. H. Galber and A. J. Golick. 2,402,492; June 18.
Pressure in silencers, Reducing back. J. P. Tyskewicz. 2,413,086; Dec. 24.
Pressure intensifying mechanism. S. Smith and W. H. Cockerill. 2,396,539; Mar. 12.
Pressure lubrication system. T. Clark, E. V. Windsor, and L. Hart. 2,408,914; Oct. 8.
Pressure measurement, Device and system for. C. A. Green. 2,398,372; Apr. 16.
Pressure measurement, Vapor. C. W. Hewlett. 2,413,565; Dec. 31.
Pressure producing device, Fluid. R. R. Gunderson. 2,408,513; Oct. 1.
Pressure producing device, Fluid. L. E. LaBrie 2,410,169; Oct. 29.
Pressure-regulating system. D. M. Lawrence. 2,402,499-500; June 18.
Pressure regulator and composite gauge therefor. G. M. Deming. 2,394,987; Feb. 19.
Pressure regulator valve. J. E. Dube. 2,401,144; May 28.
Pressure relief valve. A. Crot. 2,399,326; Apr. 30.
Pressure relief valve. E. R. Williams. 2,407,754; Sept. 17.
Pressure responsive device, Fluid. A. C. Ruge. 2,400,467; May 14.
Pressure responsive device, Multiple. G. P. Bosomworth and D. C. Milner. 2,393,503; Jan. 22.
Pressure responsive microswitch. J. H. Leslie, II. 2,411,577; Nov. 26.
Pressure sealing joint. J. C. Hobbs. 2,391,900; Jan. 1.
Pressure sealing-means. R. L. Skinner. 2,404,664; July 23.
Pressure sensitive products. J. A. Mitchell. 2,395,419; Feb. 26.
Pressure switch. L. Beeman. 2,393,455; Jan. 22.
Pressure switch. R. G. Holt. 2,405,142; Aug. 6.
Pressure switch. M. W. Huber. 2,404,843; July 30.
Pressure switch. R. W. Muerle. 2,412,095; Dec. 3.
Pressure system, Auxiliary fluid. B. R. Pool. 2,406,510; Aug. 27.
Pressure unit. C. D. Burbank and T. Harry, Jr. 2,396,823; Mar. 19.
Pressure-vacuum apparatus. L. T. Ward. 2,401,849; June 11.
Pressured fluid pump or motor. R. J. Woods. 2,392,279; Jan. 1.
Prestressed steel pipe. J. E. Miller and P. L. Osweiler. 2,401,092; May 28.
Prevention and removal of ice or frost on aircraft parts. T. R. Griffith and J. L. Orr. 2,406,367; Aug. 27.
Prewelt cementing and forming machine. E. A. Holmgren. 2,392,849; Jan. 15.
Prewelt shoes, Method and machine for making. E. Quinn and I. I. Hersey. 2,407,903; Sept. 17.
Price mark, Adjustable. A. Sommerville. 2,401,843; June 11.
Priesnitz compress. P. Schlumbohm. 2,393,446; Jan. 22.
Prime mover. G. W. Walton. 2,410,538; Nov. 5.
Primer composition. G. U. Graff. 2,395,045; Feb. 19.
Primers, Filling. F. H. Coleman. 2,395,104; Feb. 19.
Printer, Collapsible contact. W. U. Zeller. 2,404,821; July 30.
Printer, Photographer. F. T. Sonne and V. Sussin. 2,394,817; Feb. 12.
Printer, Postage. C. D. Ryan, F. P. Sager and E. R. Bergmark. 2,412,472; Dec. 10.
Printer, Stereoscopic. A. Ringer. 2,393,567; Jan. 22.
Printer, Telegraph. R. F. Dirkes, T. E. Melick, and V. R. Kimball. 2,392,369; Jan. 8.
Printer's line-up table. J. West and W. M. Davis 2,399,610; Apr. 30.
Printer's line-up table. J. West and W. M. Davis. 2,410,559; Nov. 5.
Printing. W. C. Huebner. 2,408,144; Sept. 24.
Printing and crimping, Sheet. A. L. Hess. 2,400,991; May 28.

Printing apparatus. J. B. Cotner. 2,412,252; Dec. 10.
Printing apparatus, Screen color. H. Fleisher. Re. 22,722; Feb. 19.
Printing apparatus, Telegraphic. C. J. Fitch. 2,405,297; Aug. 6.
Printing apparatus, Textile. A. S. Jones. 2,410,415; Nov. 5.
Printing machine. F. E. Curtis. 2,392,082; Jan. 1.
Printing machine. J. H. Fridén. 2,399,630; May 7.
Printing machine. F. L. Fuller. 2,408,622; Oct. 1.
Printing machine. W. T. Gollwitzer. 2,405,786; Aug. 13.
Printing machine. C. D. Ryan, F. J. Dempsey, F. A. Straub, and B. S. Tyler. 2,406,040; Aug. 20.
Printing machine, Address. J. Krell. 2,394,312; Feb. 5.
Printing machine, Multicolor. A. M. Zuckerman. 2,400,966; May 28.
Printing machine, Stencil. L. G. Kenney. 2,398,379; Apr. 16.
Printing machines. W. T. Gollwitzer. 2,410,935; Nov. 12.
Printing machines, Calculating and controlling line. G. L. Morrison. 2,400,567; May 21.
Printing machines, Delivery mechanism for. J. H. Edwards. 2,403,062; July 2.
Printing means. G. W. Darenberg. 2,400,632; May 21.
Printing mechanism. J. F. Jirousek. 2,398,832; Apr. 23.
Printing mechanism. R. E. Paris. 2,398,036; Apr. 9.
Printing mechanism, Alphabet. M. R. Dilling. 2,399,724; May 7.
Printing mechanism, Photographic. R. V. Sutherland. 2,402,929; June 25.
Printing mechanism, Ticket. L. S. Williams. 2,407,522; Sept. 10.
Printing members, Etching rotogravure. F. T. Powers. 2,411,109; Nov. 12.
Printing, Multicolor. A. Murray. 2,405,754; Aug. 13.
Printing or like purposes, Justification or space-regulating. W. C. Huebner. 2,402,751; June 25.
Printing plate and making same, Square finish photo-engraved halftone. L. Kern. 2,405,749; Aug. 13.
Printing plate clamping mechanism. A. Braunworth. 2,409,830; Oct. 22.
Printing plate means. W. C. Toland. 2,413,664; Dec. 31.
Printing plate, Photogravure. W. G. Mullen. 2,405,513; Aug. 6.
Printing plates and repellent solution therefor, Etching and dampening planographic. C. H. Van Dusen, Jr. 2,393,875; Jan. 29.
Printing press. W. W. Davidson and F. J. Breman. 2,406,205; Aug. 20.
Printing press. E. F. Dell. 2,412,132; Dec. 3.
Printing press. D. W. Schneider. 2,397,053; Mar. 19.
Printing press. J. D. Tyler. 2,394,026; Feb. 5.
Printing process. E. Jahoda. 2,412,889; Dec. 17.
Printing process. E. Jahoda and C. Wittenmyer 2,393,378; Jan. 22.
Printing screen. L. B. Corbett. 2,405,291; Aug. 6.
Printing telegraph apparatus. M. T. Goetz. 2,394,681; Feb. 12.
Printing telegraph apparatus. R. A. Lake. 2,391,984; Jan. 1.
Printing telegraph apparatus. D. P. Needham and J Stussi. 2,403,296; July 2.
Printing telegraph apparatus, Selector system for. G. S Saylor. 2,402,671; June 25.
Printing, Textile. I. L. Griffin, D. E. Truax, and N. H. Nuttall. 2,401,755; June 11.
Prints and products, Producing color. L. S. Trimble. 2,396,726; Mar. 19.
Prism, Optical neutral. G. L. Dimmick. 2,399,860; May 7.
Prism system, Optical. D. T. Street. 2,410,757; Nov. 5.
Prisms, Molding. H. G. Rogers and D. P. Cooper, Jr. 2,409,958; Oct. 22.
Privacy system. R. C. Corderman. 2,401,464; June 4.
Privacy system. A. C. Dickieson. 2,407,260; Sept. 10
Privacy system. D. Mitchell. 2,405,599; Aug. 13.
Privacy system for speech transmission. N. R. French. 2,406,825; Sept. 3.
Privacy system, Speech. W. A. MacNair. 2,406,351; Aug. 27.
Process. J. B. Castner and W. M. Nagle. 2,399,206; Apr. 30.
Process. M. W. Farlow. 2,406,362; Aug. 27.
Process. E. W. Flosdorf. 2,396,561; Mar. 12.
Process. A. A. Pavlic. 2,408,094; Sept. 24.
Process apparatus, Film. H. Smith, Jr. 2,402,458; June 18.
Processing apparatus. H. D. Russell and J. I. Crabtree. 2,409,153; Oct. 8.
Processing by-product soaps for recovery of their acids free from detrimental alcohols, etc. B. M. Weston and F. F. Beall. 2,399,588; Apr. 30.
Processing machine, Grain. L. E. Egedal. 2,405,561; Aug. 13.
Processing machine, Grape. G. Monnet. 2,398,440; Apr. 16.
Processing machine, Heat. V. A. Fox. 2,406,821; Sept. 3.
Producing elastic fabrics, Method of and apparatus for. M. A. Chavannes. 2,397,838; Apr. 2.
Producing, Textile fabric. C. M. Croft, W. H. Hindle, and R. W. Pinault. 2,391,950; Jan. 1.
Product. P. L. Salzberg. 2,407,292; Sept. 10.
Product for absorption of poisonous gases, Preparing a gel. W. A. Patrick, Jr. 2,400,709; May 21.
Production control board. F. L. Wassell. 2,412,238; Dec. 10.
Production lift device. G. A. Humason. 2,397,419; Mar. 26.
Production of halogenated hydrocarbons. L. Schmerling. 2,399,512; Apr. 30.
Production of oil solutions of alkaline earth metal sulphonates. V. L. Chechot and L. S. Howe. 2,401,614; June 4.
Production of 2-amino-carboxylic acid nitriles. F. E. Kling. 2,401,429; June 4.
Products. J. Harmon. 2,396,261; Mar. 12.
Products derived from blood, Obtaining. H. P. Smith and W. H. Seegers. 2,394,566; Feb. 12.
Products from furfuryl alcohol and making the same, Resinous. B. W. Nordlander. 2,399,055; Apr. 23.
Profile grinding machine. H. B. Duncan. 2,394,671; Feb. 12.
Profiling milling cutter. A. Kutscha. 2,406,780; Sept. 3.
Program change indicator. R. A. Lynn. 2,410,669; Nov. 5.
Program instrument. R. L. Lorenz. 2,405,841; Aug. 13.
Program preselecting and control apparatus. F. H. Owens. 2,411,890; Dec. 3.
Program-scheduling apparatus. H. F. Elliott. 2,410,724; Nov. 5.
Progressive drawing press. F. J. Rode. 2,394,636; Feb. 12.
Projectile. G. N. Albree. 2,402,718; June 25.
Projectile. C. L. Eksergian. 2,412,134; Dec. 3.
Projectile. W. H. Farr. 2,402,809; June 25.
Projectile. C. B. Ferrel. 2,407,264; Sept. 10.
Projectile. C. A. Martin. 2,393,648; Jan. 29.
Projectile. E. S. Patch and W. T. Moore. 2,409,307; Oct. 15.
Projectile. H. F. Rost, P. H. E. Claesson, and R. A. Svensson. 2,412,695; Dec. 17.
Projectile and making the same. F. R. Hensel and E. I. Larsen. 2,401,483; June 4.
Projectile cap. A. F. Teitscheid. 2,401,380; June 4.
Projectile case. J. S. Stewart. 2,396,061; Mar. 5.
Projectile, Incendiary. C. W. Galen. 2,402,811; June 25.
Projectile propelled injector. W. H. Tinker. 2,397,385; Mar. 26.
Projectile, Rocket. C. L. Eksergian. 2,405,415; Aug. 6.
Projectile, Self-lubricating and coloring. J. Schreib. 2,398,895; Apr. 23.
Projectile, Self-propelled. E. F. Chandler. 2,391,865; Jan. 1.
Projectile, Self-propelling. W. W. Farr. 2,398,927; Apr. 23.
Projectile, Sound recording. L. A. Elmer and C. A. Lovell. 2,406,816; Sept. 3.
Projectiles. W. B. Pope. 2,412,173; Dec. 3.
Projectiles, Spotting. H. J. Nichols. 2,409,380; Oct. 15.
Projecting and retracting mechanism for an underwater signal source. C. C. Barber. 2,407,240; Sept. 10.
Projecting motion pictures, Method and apparatus for. F. Waller and W. R. Dresser. 2,392,440; Jan. 8.
Projection apparatus. H. Osterberg and P. C. Heijn. 2,395,561; Feb. 26.
Projection apparatus. R. Pechkranz. 2,401,506; June 4.
Projection apparatus. W. F. Peck. 2,407,511; Sept. 10.
Projection apparatus for still and for moving pictures, Picture. A. T. Cahill. 2,413,288; Dec. 31.
Projection apparatus for the creation of illusory effects. R. B. Johnson. 2,412,340; Dec. 10.
Projection lamp. E. B. Noel. 2,392,828; Jan. 15.
Projection machine. W. L. Chambers. 2,391,879; Jan. 1.
Projection picture feeding mechanism. M. E. Blumenstein. 2,412,246; Dec. 10.
Projector, Catadioptric television. H. F. Bennett. 2,409,971; Oct. 22.
Projector, Depth charge. W. E. Patrick, Jr., and E. P. Gebhard. 2,399,248; Apr. 30.
Projector for page printers. W. H. Eddy. 2,403,269-70; July 2.
Projector for page printers. R. G. Schuler. 2,403,307; July 2.
Projector for page printers. W. J. Zenner. 2,403,320; July 2.
Projector for page printers. W. J. Zenner. 2,405,173; Aug. 6.
Projector, Microfilm. R. Place. 2,404,189; July 16.
Projector, Motion picture. R. J. Miller. 2,394,867; Feb. 12.
Projector, Motion picture. F. Waller. 2,397,713; Apr. 2.
Projector, Opaque copy. W. E. Schwanhausser. 2,395,975; Mar. 5.
Projector or hydrophone, Low frequency. W. P. Mason 2,405,226; Aug. 6.
Projector, Picture. G. E. Muscbeck and F. P. Bennett. 2,405,706; Aug. 13.
Projector, Ray. H. P. Donle. 2,407,065; Sept. 3.
Projector stand assembly. L. G. Allison. 2,395,796; Mar. 5.
Projectors for page printers. R. G. Schuler. 2,405,168; Aug. 6.
Prolamine composition, Pigmented. J. S. Massarene. 2,396,430; Mar. 12.

Prolamines, Prevention of gelation of solutions or dispersions of. C. D. Evans and R. H. Manley. 2,392,084; Jan. 1.
Prong device, Expansible. J. C. Lang. 2,396,276; Mar. 12.
Propagation device, Wave. W. Shockley and G. W. Willard. 2,407,294; Sept. 10.
Propane and pentane, Averaging. R. E. Burk. 2,405,994; Aug. 20.
Propellent charge holder. A. Adelman. 2,412,593; Dec. 17.
Propeller. A. G. Alizier. 2,411,143; Nov. 19.
Propeller. P. F. Hacketal. 2,395,867; Mar. 5.
Propeller. A. A. Handler. 2,394,446; Feb. 5.
Propeller. H. R. Noyes. 2,403,946; July 16.
Propeller. B. J. Paulson. 2,413,372; Dec. 31.
Propeller. J. A. Roché. 2,399,828; May 7.
Propeller, Aircraft. W. L. Jackson. 2,411,271; Nov. 19.
Propeller, Airplane. J. E. Bathras. 2,396,811; Mar. 19.
Propeller and anti-icer therefor. R. S. Johnson. 2,393,472; Jan. 22.
Propeller and the like, Marine. F. Hudson. 2,400,234; May 14.
Propeller assembly. C. I. Place. 2,395,193; Feb. 19.
Propeller blade protective means. W. H. Hunter. 2,401,935; June 11.
Propeller control. E. Martin. 2,402,065; June 11.
Propeller, Controllable pitch. W. J. Blanchard, C. S. J. MacNeil, J. F. Haines, and T. B. Martin. 2,405,285; Aug. 6.
Propeller drive gear. W. G. Lundquist. 2,398,236; Apr. 9.
Propeller drive, Marine. L. T. Kincannon. 2,402,197; June 18.
Propeller drive, Opposite rotating. W. G. Lundquist. 2,401,694; June 4.
Propeller drive with pitch-changing mechanism. J. Ledwinka. 2,409,050; Oct. 8.
Propeller, Flexible shockproof. J. A. Myers. 2,398,033; Apr. 9.
Propeller for airplanes, Auxiliary. J. Ernest. 2,403,353; July 2.
Propeller handling mechanism. H. S. Kittel. 2,395,411; Feb. 26.
Propeller, Hydraulic compensating. W. S. Hoover. 2,403,532; July 9.
Propeller joint. J. H. Booth. 2,401,812; June 11.
Propeller mounting. T. E. Grace. 2,393,158; Jan. 15.
Propeller planer, Marine. L. C. Burrill. 2,397,917; Apr. 9.
Propeller shaft housings, Method and apparatus for repairing. T. C. Gerner. 2,405,541; Aug. 6.
Propeller, Snap-on. W. B. McLean. 2,410,832; Nov. 12.
Propeller spinner. F. M. Owner. 2,408,677; Oct. 1.
Propeller, Synchronizing. E. Seppeler. 2,403,243; July 2.
Propeller system, Dual rotation. R. M. Guerke. 2,406,460; Aug. 27.
Propeller, Variable pitch. E. A. Priner. 2,405,488; Aug. 6.
Propeller, Variable pitch. K. B. Gillmore and G. H. F. Brown. 2,407,414; Sept. 10.
Propeller, Variable pitch. W. W. Squier. 2,392,341; Jan. 8.
Propeller, Variable pitch. R. Stevenson. 2,412,923; Dec. 17.
Propeller, Variable pitch air. E. Florian, H. Petersen, and M. Christian. 2,404,703; July 23.
Propeller with variable pitch. N. Bellomo. 2,397,524; Apr. 2.
Propellers and the like, Machine for making airplane. D. B. Salstrom. 2,400,954; May 28.
Propellers, Making hollow. A. A. Handler. 2,394,445; Feb. 5.
Propellers or impellers, Enclosing casing of. R. Poole. 2,393,933; Jan. 29.
Propelling apparatus for aircraft. R. H. Goddard. 2,397,998-9; Apr. 9.
Propelling device. M. Falk. 2,404,044; July 16.
Propelling device for aircraft, Reaction. R. Anxionnaz and R. Imbert. 2,396,911; Mar. 19.
Propulsion apparatus. S. Way. 2,405,723; Aug. 13.
Propulsion device, Aircraft. M. L. Donnelian. 2,409,552; Oct. 15.
Propulsion device for amphibious vehicles. N. Straussler. 2,398,057; Apr. 9.
Propulsion means. A. G. Forsyth. 2,397,654; Apr. 2.
Propulsion mechanism, Amphibian. J. M. Hait. 2,404,486-8; July 23.
Propulsion mechanism, Amphibian. J. M. Hait. 2,404,490; July 23.
Propulsive apparatus, Turbo-compressor. F. B. Halford. 2,399,865; May 7.
Prospecting apparatus, Electrical. C. B. Bazzoni and J. W. Millington. 2,408,029; Sept. 24.
Prospecting method and apparatus, Electrical. J. M. Pearson and C. R. Nichols. 2,401,371; June 4.
Prospecting method, Geochemical. H. T. Kennedy. 2,406,611; Aug. 27.
Protecting apparatus, Journal. S. G. Down and F. E. Miller. 2,400,399; May 14.
Protecting arrangement for thermionic valve circuits. N. H. Clough. 2,397,337; Mar. 26.
Protecting device for parallel conducting wires, Wear. H. W. Pinkerton. 2,404,088; July 16.
Protecting originative matter. L. B. Green. 2,408,626; Oct. 1.
Protecting shields, Eye. A. M. Flocker. 2,410,490; Nov. 5.
Protecting tube. J. P. Vollrath. 2,405,075; July 30.
Protection device, Eye. G. H. Schauweker. 2,407,518; Sept. 10.
Protection for electron tubes. R. F. Holtz. 2,407,880; Sept. 17.
Protection means and making the same, Eye. W. J. Joyce. 2,406,608; Aug. 27.
Protection, Series capacitor. R. E. Marbury. 2,401,009; May 28.
Protective apparatus. A. R. van C. Warrington. 2,405,084; July 30.
Protective arrangement. L. W. Foster. 2,400,749; May 21.
Protective composition and resulting product, Making. C. L. Shapiro. 2,410,688; Nov. 5.
Protective device. R. S. Bennett. 2,393,584; Jan. 29.
Protective device. J. E. Raymond. 2,397,203; Mar. 26.
Protective device, Excess voltage. S. R. Smith, Jr. 2,401,586; June 4.
Protective device, Face. F. M. Bowers. 2,397,722; Apr. 2.
Protective device, Toilet. H. H. Des Roches. 2,404,124; July 16.
Protective means, Eye. W. J. Joyce. 2,409,286; Oct. 15.
Protective switch gear. F. Beldi. 2,397,812; Apr. 9.
Protective system. E. H. Ayers. 2,398,993; Apr. 23.
Protective system. A. J. McConnell. 2,394,089; Feb. 5.
Protective system. O. C. Traver. 2,403,414; July 2.
Protective system, Electric. Z. O. St. Palley. 2,407,521; Sept. 10.
Protector: *See*—
Bank protector.
Mat and heel protector.
Battery overcharge protector.
Motor protector.
Piano action protector.
Button protector.
Shoe protector.
Dowel bar protector.
Spectacles and glasses protector.
Ear protector.
Golf club head protector.
Stocking protector.
Heel protector.
Tree protector.
Protector. R. A. Young. 2,398,269; Apr. 9.
Protector and canopy. B. P. Moore. 2,398,441; Apr. 16.
Protector device. S. N. Buchanan. 2,401,228; May 28.
Protector for heating, cutting and welding torches, and the like, Heat concentrating nozzle. R. D. Nantz. 2,404,590; July 23.
Protector for shoes, Safety. N. F. and P. F. Stoner. 2,392,867; Jan. 15.
Protein base materials, Treating synthetically shaped. F. C. Atwood. 2,408,026; Sept. 24.
Protein, Decolorizing. M. A. Yontz. 2,397,307; Mar. 26.
Protein fibers, Treating synthetic. F. C. Atwood. 2,408,027; Sept. 24.
Protein products, Treatment of wet spun. G. S. De Kadt. 2,392,582; Jan. 8.
Protein structures and their preparation, Shaped. E. T. Cline. 2,409,475; Oct. 15.
Proteinaceous-quaternary ammonium surface active agents and making same. C. A. MacKenzie and L. Spialter. 2,398,317; Apr. 9.
Proteins, Spinning. G. S. deKadt. 2,398,625; Apr. 16.
Prothrombin product and preparation of same. H. P. Smith. 2,408,536; Oct. 1.
Protractor. J. H. Glesko. 2,412,084; Dec. 3.
Protractor. V. M. Luzi. 2,400,014; May 7.
Protractor. N. C. Smith. 2,399,579; Apr. 30.
Protractor. N. C. Smith. 2,412,100; Dec. 3.
Protractor, Bevel. V. H. Grey. 2,409,849; Oct. 22.
Protractor for isometric drawings. G. A. Jaedliker. 2,398,143; Apr. 9.
Provitamin D, Obtaining. W. S. Calcott, G. E. Holbrook, and S. G. Turnbull, Jr. 2,406,133; Aug. 20.
Pruner or like tool. K. H. Lenk. 2,396,583; Mar. 12.
Pseudokryptogenin and its diacetate. R. B. Wagner. 2,408,832; Oct. 8.
Puddling machine. W. J. Miller. 2,409,221; Oct. 15.
Pulldown device. C. D. Beeth. 2,393,603; Jan. 29.
Pull head for broaching machines. F. J. Lapointe. 2,392,747; Jan. 8.
Puller: *See*—
Coupling sleeve puller.
Staple puller.
Rotary weed puller.
Valve puller.
Puller for oil wells, Valve. J. C. Vroman. 2,394,123; Feb. 5.
Pulling mill. H. H. Belcher. 2,409,011; Oct. 8.
Pulley and mounting therefor, Sash. E. C. Swanson. 2,396,213; Mar. 5.
Pulley cleaning construction. R. Q. Armington. 2,412,554; Dec. 17.
Pulley, Power. E. C. Rothacker. 2,399,451; Apr. 30.
Pulp preparation and product thereof. D. M. Musser and H. C. Engel. 2,393,553; Jan. 22.
Pulp stock flow control. J. A. Rosmait. 2,410,526; Nov. 5.
Pulping machine. R. J. Sharp. 2,397,758; Apr. 2.
Pulsation elimination in gas lines. F. M. Stephens. 2,405,100; July 30.
Pulse-echo distance indicator. W. D. Hershberger. 2,403,527; July 9.

Pulse-echo position indicator. A. V. Bedford. 2,412,669; Dec. 17.
Pulse-echo position indicator. D. W. Epstein. 2,412,670; Dec. 17.
Pulse echo system. W. D. Hershberger. 2,411,572; Nov. 26.
Pulse generating circuit. H. W. Lord. 2,394,389; Feb. 5.
Pulse generating system. L. Tonks. 2,405,069; July 30.
Pulse generating system. L. Tonks. 2,405,071; July 30.
Pulse generating system, Square wave. L. Tonks and M. Davis. 2,405,070; July 30.
Pulse generator. C. W. Hansell and O. E. Dow. 2,400,822; May 21.
Pulse generator. L. L. Lakatos. 2,408,261; Sept. 24.
Pulse generator. R. C. Locke. 2,411,442; Nov. 19.
Pulse generator. J. C. Schelleng. 2,411,898; Dec. 3.
Pulse keying, Apparatus for and method of. I. Wolff. 2,403,624; July 9.
Pulse modulation receiver. H. O. Peterson. 2,392,546; Jan. 8.
Pulse selectivity system. E. I. Anderson. 2,410,000; Oct. 29.
Pulse system. E. H. B. Bartelink. 2,392,114; Jan. 1.
Pulse transmitter. W. van B. Roberts. 2,410,748; Nov. 5.
Pulsing system. A. E. Joel, Jr. 2,410,446; Nov. 5.
Pulverized fuel burner. H. Kreisinger and V. Z. Caracristi. 2,399,234; Apr. 30.
Pulverizing and classifying machine. H. G. and W. H. Lykken. 2,392,331; Jan. 8.
Pulverizing, feeding, and transporting of material, System of. J. L. Harvey. 2,403,076; July 16.
Pulverulent material, Handling. E. D. Reeves. 2,392,764; Jan. 8.
Pump: *See*—
Adjustable liquid sealed pump.
Hose pump.
Automatic cutoff pump.
Hydraulic pump.
Automatic variable pump.
Liquid fuel pump.
Booster pump.
Liquid pump.
Carburetor accelerating pump.
Lubricant pump.
Centrifugal pump.
Multiple injection pump.
Clutch driven hydraulic pump.
Multistage centrifugal pump.
Compressed air coolant circulatory pump.
Nose pump.
Condensation pump.
Oil well sand pump.
Diaphragm pump.
Power transmission pump.
Double-acting pump.
Recirculating stabilizer pump.
Double-casing high-pressure pump.
Rotary pump.
Drop by drop pump.
Self-priming centrifugal pump.
Electromagnetic pump.
Self-priming pump.
Fire-extinguishing pump.
Slotted throat booster pump.
Flexible tube pump.
Sludge pump.
Fluid pressure pump.
Suction pump.
Fluid pump.
Two-gear metering pump.
Fountain pump.
Vacuum pump.
Fuel injection pump.
Vane type booster pump.
Fuel pump.
Vapor vacuum pump.
Gas pump.
Variable delivery and reversing pump.
Gear pump.
Variable displacement pump.
Gear wheel pump.
Variable output pump.
Grease dispensing pump.
Variable volute chamber centrifugal pump.
Grease pump.
Well pump.
Hand pump.
Heat pump.
Pump. H. A. Adams. 2,400,676; May 21.
Pump. J. E. Bevins. 2,394,285; Feb. 5.
Pump. J. B. Burks. 2,392,117; Jan. 1.
Pump. N. A. Christensen. 2,410,808; Nov. 12.
Pump. C. F. Davis. 2,392,029; Jan. 1.
Pump. W. L. Davis. 2,394,371; Feb. 5.
Pump. B. A. Edwards and B. G. Duer. 2,396,319; Mar. 12.
Pump. R. S. Elberty. 2,402,244; June 18.
Pump. C. Elliott. 2,412,723; Dec. 17.
Pump. J. H. Fitzgerald. 2,393,096; Jan. 15.
Pump. G. E. Gall. 2,407,923; Sept. 17.
Pump. H. M. Geyer and H. Carson. 2,403,854; July 9.
Pump. E. W. Gutsch. 2,397,483; Apr. 2.
Pump. H. Hillier and T. McAlpine. 2,408,851; Oct. 8.
Pump. F. A. Lane. 2,411,438; Nov. 19.
Pump. B. G. Laskey. 2,393,175; Jan. 15.
Pump. J. Mann. 2,413,461; Dec. 31.
Pump. J. Mercier. 2,392,543; Jan. 8.
Pump. J. Mercier. 2,392,754; Jan. 8.
Pump. A. V. Mueller. 2,394,932; Feb. 12.
Pump. B. H. Perkins. 2,395,682; Feb. 26.
Pump. A. D. Reisert and L. C. Rotter. 2,403,122; July 2.
Pump. L. C. Rotter and V. G. Klein. 2,394,486; Feb. 5.
Pump. W. F. Thompson. 2,408,109; Sept. 24.
Pump. L. O. Wallen. 2,393,847; Jan. 29.
Pump and motor assembly. R. R. Curtis and R. L. Gates. 2,413,546; Dec. 31.
Pump and tank assembly, Booster. F. W. Heckert. 2,395,661; Feb. 26.
Pump bores, Apparatus for and method of smoothing. M. Caserta. 2,411,851; Dec. 3.
Pump construction. E. S. Witchger. 2,408,716; Oct. 1.
Pump control. J. B. Smith. 2,403,688; July 9.
Pump control with line loss compensation. S. F. Hunt. 2,411,574; Nov. 26.
Pump for aircraft fuel systems, Booster. R. R. Curtis. Re. 22,739; Apr. 2.
Pump for aircraft fuel systems, Booster. H. H. Harpster. 2,402,398; June 18.
Pump for hydraulic systems, Multiple. H. J. McGovern. 2,413,240; Dec. 24.
Pump for internal-combustion engines, Fuel injection. H. Muller and A. Pischinger. 2,410,517; Nov. 5.
Pumps for lubricants and the like. S. D. Shearman. 2,409,962; Oct. 22.
Pump for power transmissions. R. L. Tweedale. 2,411,602; Nov. 26.
Pump for wells, Vacuum sand. C. C. Heeter. 2,401,871; June 11.
Pump form. G. H. De Long and B. Dreisbach. 2,410,153; Oct. 29.
Pump having by-pass with speed-sensitive and pressure-responsive control. C. A. Pugh and D. G. Booth. 2,412,289; Dec. 10.
Pump jack. L. Kessler. 2,412,222; Dec. 10.
Pump of the centrifugal type, Liquid. H. Hillier. 2,397,664; Apr. 2.
Pump of the double jet type, Vapor vacuum. P. Alexander and C. Whiley. 2,404,022; July 16.
Pump of the radial cylinder type, Hydraulic. W. C. Holden and J. C. Naylor. 2,404,175; July 16.
Pump of the vapor type, Vacuum. P. Alexander. 2,404,021; July 16.
Pump or motor, Hydraulic. H. L. Chisholm, Jr. 2,396,316; Mar. 12.
Pump or motor, Power transmission. K. R. Herman. 2,395,824; Mar. 5.
Pump or motor, Supercharger. J. F. Jaworowski and N. Jaworowski. 2,394,185; Feb. 5.
Pump or motor unit. C. E. Grosser. 2,397,314; Mar. 26.
Pump mechanism, Chemical feed. J. Corydon, II. 2,402,524; June 18.
Pump packing, Oil well. H. F. Johns. 2,410,976; Nov. 12.
Pump station control system. T. R. Statham, E. A. Koenig, and C. P. Caldwell. 2,397,443; Mar. 26.
Pump structure. C. W. Shaw. 2,405,061; July 30.
Pump unit for impact tool. C. F. Warren and K. F. Kuehn. 2,397,174; Mar. 26.
Pump with split cylinder. W. R. Tucker. 2,394,120; Feb. 5.
Pumping apparatus. H. S. Coe. 2,405,734; Aug. 13.
Pumping apparatus. R. E. Lamberton. 2,410,824; Nov. 12.
Pumping apparatus. W. H. Lannert. 2,401,254; May 28.
Pumping apparatus. W. H. Wineman. 2,408,013-14; Sept. 24.
Pumping apparatus, Oil well. H. F. Vickers, K. R. Herman, and J. Moser. 2,402,712; June 25.
Pumping mechanism. J. R. Norton. 2,404,524; July 23.
Pumping system. A. Leake. 2,394,191; Feb. 5.
Pumping system, Vacuum. T. Sorrentino. 2,404,869; July 30.
Pumping unit. I. J. Karassik. 2,393,691; Jan. 29.
Pumping unit, Fuel. D. C. Elliot. 2,413,040; Dec. 24.
Pumps and the like, Base for rayon. J. P. Laird. 2,403,663; July 9.
Pumps, Counterbalancing attachment for. G. T. Sowell. 2,401,669; June 4.
Punch and closure, Can. J. F. Markley. 2,407,434; Sept. 10.
Punch and die mechanism. E. L. Wiedman. 2,394,346; Feb. 5.
Punch, Card. A. A. Rembold. 2,404,985; July 30.
Punch, Collapsible. J. J. Thayer. 2,400,961; May 28.
Punch press. H. B. Werner and J. Verson. 2,405,537; Aug. 6.
Punch press clutch. J. S. Jones. 2,396,047; Mar. 5.
Punching apparatus. C. J. Huecher. 2,397,112; Mar. 26.
Punching apparatus. N. H. Swanson. 2,398,476; Apr. 16.
Punching by transfer means, Method of and apparatus for. G. F. Wales. 2,410,372; Oct. 29.
Punching device, Can. J. Hansen. 2,406,831; Sept. 3.
Punching machine, Card. K. J. Braun. 2,399,623; May 7.
Punching machine, Cigar. J. H. Lindsay and S. Reso. 2,407,931; Sept. 17.
Punching machine, Record. C. R. Doty. 2,399,725; May 7.
Puncture sealing gas tank. E. Eger. 2,401,627; June 4.
Purging apparatus, Tank. H. E. Heigis. 2,406,373; Aug. 27.
Purging system for refrigerating systems. J. R. Zwickl. 2,400,620; May 21.
Purification of air and making same, Composition for. C. B. Jackson. 2,401,484; June 4.
Purification of crude trinitrotoluene. R. H. McKee. 2,401,879; June 11.
Purse, Change. H. Breiter and H. Brandon. 2,408,751; Oct. 8.
Purse, Wrist. T. B. Cline. 2,400,222; May 14.
Push-button control of signal seeking receivers. M. G. Nicholson, Jr. 2,394,869; Feb. 12.
Push-button pump type soap dispenser. J. F. Palmer. 2,407,765; Sept. 17.
Push-button switch. G. A. Wahlstrom. 2,405,679; Aug. 13.
Push fastener. E. A. Miller. 2,409,508; Oct. 15.
Puzzle. H. M. Slocum. 2,412,180; Dec. 3.

Puzzle, Jigsaw. C. E. Barnes. 2,395,312; Feb. 19.
Puzzle, Jigsaw. T. C. Luton. 2,394,864; Feb. 12.
Pyranthrone, Preparing. H. R. Lee, J. Deinet, and H. B. Gottlieb. 2,405,702; Aug. 13.
Pyrazine. J. K. Dixon. 2,400,398; May 14.
Pyridine bases, Recovering. H. L. Stewart. 2,410,906; Nov. 12.
Pyridine derivatives and the manufacture of same. M. Hoffer. 2,410,938–41; Nov. 12.
Pyridine recovery process. B. J. C. van der Hoeven. 2,393,666; Jan. 29.
Pyridine-3-acetic acid and derivatives therefor, and preparing the same. M. Hartmann, K. Miescher, H. Kaegi, and W. Bosshard. 2,408,020; Sept. 24.
Pyridine 3-sulphonic acid and its salts, Production of. E. T. Tisza and B. F. Ducsel. 2,406,972; Sept. 3.
Pyrolysis of esters of 1-alken-4-ols to produce diolefins. J. R. Long. 2,398,103; Apr. 9.
Pyrolysis products of chlorodifluoromethane, Separating. A. F. Benning, F. B. Downing, and J. D. Park. 2,406,794; Sept. 3.
Pyrosulphuryl chloride, Making. N. A. Laury and J. B. Lombardo. 2,396,581; Mar. 12.
Pyrotechnic devices. T. L. Davis. 2,409,111; Oct. 8.
Quartz crystal holder. J. E. Fox, N. A. Nelson, and W. S. Quincy. 2,408,768; Oct. 8.
Question and answer device. W. Miesegaes. 2,394,711; Feb. 12.
Quick-acting switch mechanism. R. H. Bentley. 2,412,119; Dec. 3.
Quick-action gas valve. O. J. Smith. 2,412,479; Dec. 10.
Quick-action mechanism. R. H. Jordan. 2,399,123; Apr. 23.
Quick converting capacitor motor. W. W. Warner. 2,407,117; Sept. 3.
Quick-detachable audio frequency connector. W. J. Morlock and R. C. Willman. 2,403,677; July 9.
Quick disconnect coupling. J. R. Snyder. 2,399,516; Apr. 30.
Quick disconnect coupling. A. Townhill. 2,397,576; Apr. 2.
Quick disconnect coupling. N. E. Waag. 2,399,525; Apr. 30.
Quick-freezing apparatus for food articles. A. J. Stone. 2,408,154; Sept. 24.
Quick opening rotary valve. C. W. Hall. 2,411,321; Nov. 19.
Quick-release connector. F. G. Manson. 2,393,178; Jan. 15.
Quick-release connector. F. G. Manson. 2,407,715; Sept. 17.
Quill, Adjustable. C. O. Bruestle. 2,402,017; June 11.
Quilling frame. R. N. Fancher. 2,408,205; Sept. 24.
Quinazolones from organic phosphazo compounds, Production of substituted. A. Guenther and J. F. Morgan. 2,408,633; Oct. 1.
Quinonylamino-N-alkylenesulfonic acids as printing aids. R. H. Kienle and C. A. Amick. 2,409,127; Oct. 8.
Quinonyl sulphonamides in color compositions. R. H. Kienle and C. A. Amick. 2,394,918; Feb. 12.
Quiz machine. B. E. Mills. 2,401,434; June 4.
Rabat, Clerical. E. Rendall. 2,394,717; Feb. 12.
Race track device. G. Miller. 2,396,280; Mar. 12.
Racemic pantothenic acid, derivatives thereof and preparing same. E. T. Stiller. 2,396,477; Mar. 12.
Rack: *See*—

Barrel storage rack.	Fire hose rack.
Bomb rack.	Garment rack.
Book rack.	Periodical display rack.
Brush rack.	Photographic frame rack.
Carrying rack.	Shoe rack.
Casket rack.	Steel rack.
Cluster bomb rack.	Tie rack.
Coat hanger or wall rack.	Tire rack.
Developing rack.	Towel rack.
Display device and household rack.	Water-cooled ammunition rack.
Display rack.	

Rack. W. G. Murphy and A. Klingsbacher. 2,402,768; June 25.
Rack and making, Drier. S. J. Baril and L. Hochheimer. 2,395,210; Feb. 19.
Rack and pinion mechanism. C. S. Fielding. 2,410,643; Nov. 5.
Rack device. H. J. Cohn. 2,402,127; June 18.
Rack for bicycles, Bundle. B. M. Christenson. 2,391,945; Jan. 1.
Rack for silverware chests, Knife. L. Maxim. 2,412,410; Dec. 10.
Rack or carrier for necktles and similar apparel, Delivery. W. W. McFall. 2,401,835; June 11.
Rack or casing, Book. W. L. Ramsey. 2,407,797; Sept. 17.
Rack or stand, Clothes. E. A. Becker. 2,410,563; Nov. 5.
Racking apparatus. J. G. Smith. 2,410,247; Oct. 29.
Racking mechanism for knitting machines. R. H. Lawson. 2,411,795; Nov. 26.
Racket. G. K. Geerlings and J. N. Tynan. 2,395,864; Mar. 5.
Racket string. A. F. Smith. 2,401,291; May 28.
Radar systems, Recorder for. J. P. Smith. 2,403,562; July 9.
Radial cylinder engines, Fuel manifolding. J. Stucke. 2,395,918; Mar. 5.
Radial pressure clutch. H. J. Zimmermann. 2,400,586; May 21.
Radial sawing mechanism. E. P. Stamm. 2,393,940; Jan. 29.
Radiant energy responsive directional, Control. M. A. McLennan. 2,403,387; July 2.
Radiant flame compression burner. W. W. Kemp. 2,410,542; Nov. 5.
Radiant heat in aircraft, Utilizing. H. J. D. McCollum. 2,408,867; Oct. 8.
Radiant oven and broiler burner. R. J. Greene. 2,413,447; Dec. 31.
Radiating system. W. P. Mason. 2,411,551; Nov. 26.
Radiating system, Multisignal. A. Alford. 2,406,735; Sept. 3.
Radiator. P. E. Grandmont and L. C. Werner. 2,413,179; Dec. 24.
Radiator, Compressional wave. W. P. Mason. 2,403,990; July 16.
Radiator, Electromagnetic horn. M. Katzin. 2,398,095; Apr. 9.
Radiator pressure cap. C. H. Lines. 2,406,502; Aug. 27.
Radiator, Two frequency electromagnetic horn. M. Katzin. 2,398,096; Apr. 9.
Radiator valve. A. H. Vitagliano. 2,396,400; Mar. 12.
Radioactive apparatus. C. W. Wallhausen. 2,403,316; July 2.
Radioactivity, Method and apparatus for direct recording of borehole. S. Krasnow and L. F. Curtiss. 2,409,436; Oct. 15.
Radio adapter unit. E. Cole and R. E. McCoy. 2,397,128; Mar. 26.
Radio altimeter. E. O. Willoughby. 2,395,928; Mar. 5.
Radio antenna system. G. T. Royden. 2,393,656; Jan. 29.
Radio apparatus. H. J. Benner. 2,400,531; May 21.
Radio apparatus. G. V. Eltgroth. 2,411,198; Nov. 19.
Radio apparatus. S. Y. White. 2,407,359; Sept. 10.
Radio assembly. S. H. M. Dodington. 2,411,528; Nov. 26.
Radio azimuth compensator. W. P. Lear. 2,409,130; Oct. 8.
Radio beacon. S. B. Pickles. 2,404,400; July 23.
Radio beacon system. E. I. Anderson. 2,403,429; July 9.
Radio beacon system. H. G. Busignies and S. B. Pickles. 2,397,531; Apr. 2.
Radio beacon system. G. L. Davies. 2,402,378; June 18.
Radio beacon system. F. G. Kear. 2,402,410; June 18.
Radio beacon system. F. G. Kear. 2,404,501; July 23.
Radio beacon system. S. W. Seeley. 2,404,196; July 16.
Radio beacon system, Equisignal. W. J. O'Brien. 2,406,396; Aug. 27.
Radio bomb release system. R. C. Sanders, Jr., and W. R. Mercer. 2,412,632; Dec. 17.
Radio chassis and the like, Carrying. J. W. Whitney. 2,399,527; Apr. 30.
Radio communication system. De W. R. Goddard. 2,392,586; Jan. 8.
Radio communication system. G. L. Hollingsworth and R. C. Jensen. 2,413,182; Dec. 24.
Radio communication system. H. Magnuski. 2,408,791; Oct. 8.
Radio communication, System for and method of aircraft. W. L. Carlson. 2,403,500; July 9.
Radio compass and direction finder. G. G. Kruesi. 2,393,643; Jan. 29.
Radio, Compass demonstrator. M. R. Andrews. 2,402,271; June 18.
Radio control apparatus. F. H. Owens. 2,411,891; Dec. 3.
Radio control system for moving vehicles. D. S. Kellogg. 2,397,477; Apr. 2.
Radio controlled mine. J. H. Hammond, Jr. 2,411,787; Nov. 26.
Radio controlled rocket. J. H. Hammond, Jr. 2,413,621; Dec. 31.
Radio device for indicating doppler effect. J. Evans. 2,407,000; Sept. 3.
Radio direction and distance device, Self-tracking. H. F. Rost, K. H. Thunell, S. D. Vigren, and P. H. E. Claesson. 2,409,448; Oct. 15.
Radio direction finder. H. G. Busignies. 2,403,967; July 16.
Radio direction finder. P. C. Sandretto and E. P. Buckthal. 2,406,637; Aug. 27.
Radio direction finder. R. H. Worrall. 2,404,012; July 16.
Radio direction finder system. H. C. Baumann. 2,412,959; Dec. 24.
Radio direction finding and indicating apparatus. P. Adorjan and R. P. Gabriel. 2,396,141; Mar. 5.
Radio direction finding system. W. H. Wirkler. 2,408,120; Sept. 24.
Radio direction finding system, Azimuth. W. H. Wirkler. 2,408,118; Sept. 24.
Radio direction finding system, Heterodyne. W. H. Wirkler. 2,408,119; Sept. 24.
Radio-frequency carrier-signal limiting system. L. F. Curtis. 2,395,615; Feb. 26.
Radio frequency fields, Indicating the presence of. G. E. Colman. 2,395,850; Mar. 5.

Radio-frequency power measurement. S. Ramo. 2,411,553; Nov. 26.
Radio frequency switch. D. W. Peterson. 2,407,847; Sept. 17.
Radio guiding system. L. J. Henton-Armstrong. 2,393,903; Jan. 29.
Radio gunfire control. V. K. Zworykin and A. W. Vance. 2,409,462; Oct. 15.
Radio kaleidoscopic projector. L. Z. Plebanek. 2,411,804; Nov. 26.
Radio locating system. W. H. Capen. 2,411,520; Nov. 26.
Radio locator device. I. Wolff. 2,412,703; Dec. 17.
Radio mounting structure. M. C. Poyio. 2,404,403; July 23.
Radio navigation system. P. J. Holmes. 2,401,565; June 4.
Radio navigation system and method. H. C. Morgan. 2,396,112; Mar. 5.
Radio navigational system, Tri-dimensional. E. G. Gage. 2,399,671; May 7.
Radio obstacle localizing apparatus. J. R. Hardy. 2,400,641; May 21.
Radio pulse indicator. J. P. Smith. 2,406,970; Sept. 3.
Radio pulse system with interference elliminator. A. D. Blumlein and E. L. C. White. 2,406,316; Aug. 27.
Radio range. A. E. Theis and W. A. Wiener. 2,398,335; Apr. 9.
Radio range orientator. J. Dean. 2,405,493; Aug. 6.
Radio ranging, Method and apparatus for. H. M. Hart. 2,407,272; Sept. 10.
Radio receiver. W. H. Bliss. 2,411,494; Nov. 19.
Radio receiver. G. C. Sziklai. 2,413,593; Dec. 31.
Radio receiver. H. Whalley and C. W. Miller. 2,404,333; July 16.
Radio receiver, Directional. W. P. Lear. 2,392,328; Jan. 8.
Radio receiver, Portable. A. Patino. 2,396,121; Mar. 5.
Radio receiver, Portable. R. J. Whipple. 2,397,306; Mar. 26.
Radio receiving and transmitting system. J. Robinson. 2,396,883–4; Mar. 19.
Radio receiving apparatus. A. D. Smith, Jr. 2,404,408; July 23.
Radio receiving system. W. H. Bliss. 2,409,012; Oct. 8.
Radio receiving system. H. G. Busignies. 2,393,971; Feb. 5.
Radio receiving system. G. E. Gustafson. 2,392,665; Jan. 8.
Radio receiving system. G. J. Lehmann. 2,412,994; Dec. 24.
Radio receiving system. H. Magnuski. 2,409,139; Oct. 8.
Radio relaying. H. Tunick. 2,407,212–13; Sept. 3.
Radio remote control system. E. M. Sorensen. 2,408,819; Oct. 8.
Radio shield, Ignition distributor. D. Ingalls and J. W. Hamilton. 2,393,538; Jan. 22.
Radio shielding means. W. J. Spengler, T. Tognola, and J. R. Frei. 2,396,060; Mar. 5.
Radio signaling system. D. L. Hings. 2,395,049; Feb. 19.
Radio system, Directional. L. M. Leeds. 2,412,159; Dec. 3.
Radio system, Directive. E. Bruce. 2,412,202; Dec. 10.
Radio system, Directive. S. Godet. 2,412,612; Dec. 17.
Radio system, Directive. R. C. Longfellow. 2,412,160; Dec. 3.
Radio system, Duplex. J. Evans. 2,410,641; Nov. 5.
Radio system for velocity measurement. T. T. Eaton. 2,408,742; Oct. 8.
Radio system of the carrier frequency shift type, Multiplex. P. Bernstein. 2,397,913; Apr. 9.
Radio telegraph receiving arrangement. F. P. Mason. 2,393,921; Jan. 29.
Radio transmission and monitoring system. E. Labin. 2,412,991; Dec. 24.
Radio transmission and reception. R. H. Varian. Re. 22,724; Feb. 19.
Radio transmission and testing system utilizing pulse type generators. W. P. Mueller and F. L. Burroughs. 2,394,933; Feb. 12.
Radio transmission apparatus. E. L. Schellens and N. E. Gibbs. 2,409,155; Oct. 8.
Radio transmission, Microwave. G. C. Southworth. 2,405,242; Aug. 6.
Radio transmitter and receiver, Combined frequency modulation. W. W. Vogel. 2,408,826; Oct. 8.
Radio transmitter-receiver automatic switching system. G. H. Brown. 2,412,315; Dec. 10.
Radio transmitting and receiving system. F. M. Davis. 2,402,606; June 25.
Radio transmitting system, Directional. M. L. MacAdam. 2,401,575; June 4.
Radio tuning means. S. Y. White. 2,399,704; May 7.
Radio tuning, Mechanical band spread for. C. F. Mathewson. 2,400,699; May 21.
Radio tuning mechanism. G. C. Perkins. 2,400,052; May 7.
Radio tuning structure. S. S. Cramer. 2,393,591; Jan. 29.
Radio waves electrically, Method and apparatus for variably reflecting. R. J. McElhannon. 2,391,914; Jan. 1.
Radiographic exposure meter. H. Friedman. 2,405,572; Aug. 13.
Radiographic filter. S., M. H., and J. E. Moreau. 2,405,444; Aug. 6.
Radiographic inspection method. R. G. Rhoades. 2,412,174; Dec. 3.
Radiography, Apparatus and method for sectional. J. Kieffer. 2,400,516; May 21.
Radiosonde. K. O. Lange. 2,396,955; Mar. 19.
Radium coating mechanism, Method and apparatus for. H. B. Fowler. 2,397,731; Apr. 2.
Radius to tangent compound angle dresser. E. V. Statia, Sr. 2,404,465; July 23.
Raft, Life. M. Hallward. 2,413,226; Dec. 24.
Raft, Life. F. G. Manson and J. J. Maskey. 2,399,494; Apr. 30.
Raft, Lifesaving and sporting. H. J. Bean. 2,396,148; Mar. 5.
Raft release, Life. J. D. Petouhoff. 2,406,250; Aug. 20.
Rail and joint structure. H. L. Lansing. 2,403,807; July 9.
Rail and making same, Railroad. H. S. George. 2,411,203; Nov. 19.
Rail bonding apparatus. C. A. Cadwell. 2,401,048; May 28.
Rail car wheel brake. C. L. Eksergian. 2,393,032; Jan. 15.
Rail fastener. B. T. Gibbs. 2,394,373; Feb. 5.
Rail fastening. L. B. Green. 2,408,628; Oct. 1.
Rail for Venetian blinds, Bottom. I. Jablin. 2,402,894; June 25.
Rail joining and separating device. T. Roy. 2,398,116; Apr. 9.
Rail joint. G. W. Muller. 2,412,743; Dec. 17.
Rail leveling device. J. W. McDaniel. 2,412,463; Dec. 10.
Railroad car truckh bolster. K. F. Nystrom and V. L. Green. 2,392,292; Jan. 1.
Railroad journal box. R. J. Brittain, Jr. 2,405,132; Aug. 6.
Railroad safety device. H. B. Robinson. 2,392,064; Jan. 1.
Railroad ties and the like, Means and method for handling and stacking. D. C. Curtis. 2,396,090; Mar. 5.
Rail tool attachment. J. S. Brawshaw. 2,393,230; Jan. 22.
Rail tool attachment. J. S. Bradshaw. 2,393,515; Jan. 22.
Rail truck bolster. E. H. Piron. 2,398,394; Apr. 16.
Railway brake. C. E. Tack. 2,406,048; Aug. 20.
Railway brake. C. E. Tack and W. A. Helsten. 2,399,071; Apr. 23.
Railway car. C. L. Heater. 2,410,580; Nov. 5.
Railway car. W. E. Wine. 2,402,267; June 18.
Railway car retarder. G. T. Clark. 2,393,146; Jan. 15.
Railway car truck. G. S. Goodwin. 2,394,238; Feb. 5.
Railway car wall. G. G. Gilpin. 2,412,806; Dec. 17.
Railway crosstie anticheck. C. L. Wickersham. 2,396,402; Mar. 12.
Railway freight car. C. K. Steins. 2,399,950; May 7.
Railway frog. J. E. Conley. 2,405,407; Aug. 6.
Railway journal box. R. J. Brittain, Jr. 2,404,429; July 23.
Railway lubricator. A. F. Huber. 2,401,303; June 4.
Railway signaling system. A. L. Jerome. 2,400,005; May 7.
Railway signaling system. A. Langdon. 2,391,985; Jan. 1.
Railway switch circuit controller. J. E. Stephenson. 2,394,215; Feb. 5.
Railway switch joint. W. G. Morris. 2,397,427; Mar. 26.
Railway switch lock control system. J. J. Jacobus. 2,391,976; Jan. 1.
Railway switch operating apparatus. J. W. Logan, Jr. 2,396,863; Mar. 19.
Railway track circuit apparatus. N. F. Agnew. 2,393,135; Jan. 15.
Railway track heater. A. A. Smith. 2,413,388; Dec. 31.
Railway traffic control and indication apparatus. J. M. Pelikan. 2,392,499; Jan. 8.
Railway traffic controlling apparatus. D. C. Bettison. 2,393,136; Jan. 15.
Railway traffic controlling apparatus. C. D. Ihrig. 2,395,664; Feb. 26.
Railway traffic controlling apparatus. F. T. Pascoe and A. L. Jerome. 2,411,387; Nov. 19.
Railway traffic controlling apparatus. H. A. Thompson. 2,401,201; May 28.
Railway truck. J. H. Porteus. 2,411,978; Dec. 3.
Railway truck spring brake. A. C. Davidson. 2,404,475; July 23.
Railway truck structure. J. C. Travilla, Jr. 2,393,722; Jan. 29.
Railing, Flexible guard. F. Michaels. 2,392,755; Jan. 8.
Raising and lowering portable derricks, Method and means for. H. D. Hilborn. 2,403,080; July 2.
Rake for crab grass and the like, Cutting. F. Friedheim. 2,395,111; Feb. 19.

Rake, Garden and lawn. H. I. Gould. 2,412,980; Dec. 24.
Rake, Hay. S. E. Hillblom. 2,394,057; Feb. 5.
Rake, Side delivery. E. L. Rietz. 2,403,401; July 2.
Rake, Sweep. O. J. Durand. 2,403,351; July 2.
Ram adjustment, Booster. B. D. Ashbaugh. 2,404,611; July 23.
Ram construction, Booster. B. D. Ashbaugh. 2,410,001; Oct. 29.
Rammer, Sand. R. E. Steinmueller. 2,400,851; May 21.
Range. H. Moecker, Jr., W. H. Frick, E. W. Meacham, and H. K. White. 2,402,429; June 18.
Range apparatus. H. E. Cossin. 2,408,295; Sept. 24.
Range butt, Firing. W. S. Conner and C. B. Wilkee. 2,411,026; Nov. 12.
Range, Cooling. A. E. Smallwood. 2,401,977; June 11.
Range finder. J. Bolsey. 2,407,917; Sept. 17.
Range finder. W. Castedello. 2,401,746; June 11.
Range finder. E. W. Chafee. 2,397,532; Apr. 2.
Range finder. F. M. E. Holmes and J. Mihalyi. 2,401,686; June 4.
Range finder. H. Hoover, Jr. 2,422,552; May 21.
Range finder. E. H. Land. 2,397,273–5; Mar. 26.
Range finder. E. H. Land. 2,404,301; July 16.
Range finder. E. H. Land. 2,407,306; Sept. 10.
Range finder. E. H. Land and D. P. Cooper, Jr. 2,404,302; July 16.
Range finder. B. E. Luboshez. 2,401,688; June 4.
Range finder. S. M. MacNeille. 2,398,020; Apr. 9.
Range finder. S. M. MacNeille. 2,401,695–6; June 4.
Range finder. S. M. MacNeille. 2,403,732; July 9.
Range finder. S. M. MacNeille and F. M. E. Holmes. 2,401,697; June 4.
Range finder. S. M. MacNeille and J. Mihalyi. 2,401,698; June 4.
Range finder. J. Mihalyi. 2,401,700–2; June 4.
Range finder. J. Mihalyi. 2,401,704–6; June 4.
Range finder. J. Mihalyi and S. M. MacNeille. 2,401,707–8; June 4.
Range finder. J. Mihalyi and S. M. MacNeille. 2,401,710; June 4.
Range finder. J. Mihalyi and F. Tuttle. 2,401,709; June 4.
Range finder. M. Schwartz and W. Castedello. 2,407,687; Sept. 17.
Range finder, Binocular. B. E. Luboshez. 2,401,690; June 4.
Range finder, Coincidence. B. E. Luboshez. 2,401,692; June 4.
Range finder, Coincidence type. J. Mihalyi, H. A. Bing, and L. J. Craig. 2,398,026; Apr. 9.
Range finder construction. J. Mihalyi. 2,403,738; July 9.
Range finder, Continuous. F. W. Durgin. 2,406,999; Sept. 3.
Range finder for cameras. H. Schwartz and W. Castedello. 2,397,160; Mar. 26.
Range finder for cameras, Lens coupled. F. P. Willcox. 2,413,017; Dec. 24.
Range finder, height finder, and like measuring instrument. J. M. Strang and C. Foster. 2,407,186–7; Sept. 3.
Range finder, Invert field. J. Mihalyi, H. A. Bing, and L. J. Craig. 2,398,027; Apr. 9.
Range finder, Long base. B. E. Luboshez. 2,401,689; June 4.
Range finder, Photoelectric. B. E. Luboshez. 2,401,691; June 4.
Range finder, Stereoscopic. B. E. Luboshez. 2,401,693; June 4.
Range finders, Variable circle for stadiametric. J. S. Beggs, D. B. McRae, and J. H. Eagle. 2,405,731; Aug. 13.
Range input and hand control unit for aircraft turret guns. W. H. Brown. 2,399,200; Apr. 30.
Range setting mechanism. C. W. Buckley. 2,411,080; Nov. 12.
Ranging device, Ultra-sonic. J. H. Bollman. 2,405,182; Aug. 6.
Ranging system. H. Benioff. 2,407,644; Sept. 17.
Rapid frequency change radio receiver. J. F. Hutchins and W. K. White, Jr. 2,410,075; Oct. 29.
Rapping device. J. H. Hamilton and H. J. White. 2,392,088; Jan. 1.
Rat trap. R. A. Miller. 2,410,990; Nov. 12.
Ratchet for socket wrenches. W. C. Kress. 2,407,558; Sept. 10.
Ratchet mechanism. L. O. Becker. 2,407,468; Sept. 10.
Ratchet mechanism. W. H. Odlum and K. A. Paine. 2,395,681; Feb. 26.
Ratchet mechanism. F. A. Reynolds. 2,404,092; July 16.
Ratchet, Reversible. M. H. Loughridge and W. R. Lockridge. 2,394,085; Feb. 5.
Rate of rise-dive indicator. J. D. Morgan and P. B. Levitt. 2,412,740; Dec. 17.
Ratio circuit. R. B. Dome. 2,397,540; Apr. 2.
Ratio computing device. D. M. Berges. 2,394,284; Feb. 5.
Ratio transmission, Variable. F. O. Luenberger. 2,398,235; Apr. 9.
Ratiometer, Electrical. M. G. McBride. 2,406,887; Sept. 3.
Ray-generating apparatus. W. F. Westendorp. 2,405,477; Aug. 6.
Ray vision system, Invisible. J. M. Cage. 2,395,099; Feb. 19.
Rayon, Manufacture of large permeable packages of. J. J. Polak and A. L. Jackson. 2,404,742; July 23.
Rayon, Production of. W. F. Underwood. 2,413,123; Dec. 24.
Razor. J. W. Anderson. 2,406,983; Sept. 3.
Razor. J. W. Anderson. 2,406,985; Sept. 3.
Razor. G. Hammond. 2,393,366; Jan. 22.
Razor. P. H. Lotthamer. 2,397,556; Apr. 2.
Razor W. L. Mills. 2,407,030; Sept. 3.
Razor. D. Pinkas. 2,406,035; Aug. 20.
Razor and blade magazine, Safety. N. Testi. 2,392,432; Jan. 8.
Razor and blade magazine therefor, Safety. W. Steinbach. 2,410,311; Oct. 29.
Razor blade and other cutting tool. E. L. Mack. 2,408,790; Oct. 8.
Razor blade holder. J. Nelson. 2,404,141; July 16.
Razor blade holder. O. C. Otteson. 2,406,160; Aug. 20.
Razor blade holder. H. S. Stern. 2,397,444; Mar. 26.
Razor blade holder, Safety. A. Felardo. 2,409,116; Oct. 8.
Razor blade pack. L. Kuhnl and J. R. Reyburn. 2,398,539; Apr. 16.
Razor blade package. J. G. Roberts. 2,411,669; Nov. 26.
Razor, Cream fountain. J. T. Cooney. 2,392,975; Jan. 15.
Razor, Electric. F. Kerwer. 2,396,181; Mar. 5.
Razor, Mechanical. J. Sonne. 2,403,407; July 2.
Razor, Safety. J. R. Ayotte. 2,394,422; Feb. 5.
Razor, Safety. M. Feldman. 2,405,200; Aug. 6.
Razor, Safety. L. C. Guertin. 2,402,747; June 25.
Razor, Safety. J. T. Hellmann. 2,395,272; Feb. 19.
Razor, Safety. K. Holder. 2,405,577; Aug. 13.
Razor, Safety. L. A. Larson. 2,399,552; Apr. 30.
Razor, Safety. A. H. Lyons. 2,393,391; Jan. 22.
Razor, Safety. G. Monnet. 2,394,001; Feb. 5.
Razor, Safety. J. Muros. Re. 22,708; Jan. 15.
Razor, Safety. J. Muros. 2,397,617; Apr. 2.
Razor Safety. A. Pascoe. 2,412,906; Dec. 17.
Razor, Safety. R. F. Roberts. 2,407,516; Sept. 10.
Razor, Safety. F. P. Steinhauer. 2,392,887; Jan. 15.
Razor, Safety. F. P. Steinhauer. 2,400,721; May 21.
Razor, Safety. N. Testi. 2,392,431; Jan. 8.
Razor, Safety. N. Testi. 2,397,890; Apr. 2.
Razor strop. A. Kuzdal. 2,403,380; July 2.
Reaction and products therefrom. W. A. Hoffman. 2,396,788; Mar. 19.
Reaction motor. A. M. O. Smith. 2,407,852; Sept. 17.
Reaction of 1,3-dienes with polyhalogenated alkanes and products thereof. W. R. Peterson. 2,401,099; May 28.
Reaction product of unsaturated monoglycol ethers and unsaturated nitriles. E. J. Schwoegler. 2,403,686; July 9.
Reaction products of acrylonitrile with macromolecular ketones. C. W. Mortenson. 2,396,963; Mar. 19.
Reaction products of aldehydes and triazine derivatives. G. F. D'Alelio and J. W. Underwood. 2,392,366; Jan. 8.
Reaction products of aldehydes and triazine derivatives. G. F. D'Alelio and J. W. Underwood. 2,393,754; Jan. 29.
Reaction products of butadiene with hydrogen cyanide. D. D. Coffman and L. F. Salisbury. 2,402,873; June 25.
Reaction products of dihaloethers with dithiocarbamates. R. A. Mathes. 2,411,219; Nov. 19.
Reaction products of dimethylol urea and a halogenated acetamide. G. F. D'Alelio. 2,393,752; Jan. 29.
Reaction products of nitriles and aldehydes. J. F. Walker. 2,409,086; Oct. 8.
Reaction products of tertiary organic hydroperoxides with formaldehyde. F. H. Dickey. 2,400,041; May 7.
Reaction propelled device. R. W. Hoagland. 2,412,266; Dec. 10.
Reaction propulsion device. W. W. Farr. 2,398,928; Apr. 23.
Reaction ring. J. F. Hoffer. 2,393,773; Jan. 29.
Reaction turbine propeller. J. J. Kundig. 2,397,357; Mar. 26.
Reactions, Catalyzed abnormal addition. W. E. Vaughan and F. F. Rust. 2,398,481; Apr. 16.
Reactions in contact mass, Method and apparatus in. T. P. Simpson, J. W. Payne, and L. P. Evans. 2,409,596; Oct. 15.
Reactions with isopentane in the presence of a liquid catalyst. R. E. Burk. 2,405,933; Aug. 20.
Reactor. L. A. Mekler. 2,409,780; Oct. 22.
Readily cleanable filter. C. G. Vokes. 2,407,046; Sept. 3.
Reading and writing machine. W. P. Taylor, Jr. 2,412,183; Dec. 3.
Reading device. L. C. Miller. 2,395,574; Feb. 26.
Reading device, Timed. C. M. Holland. 2,398,226; Apr. 9.
Reading lamp. C. I. Brown. 2,411,189; Nov. 19.
Reading lamp. W. A. Tratsch. 2,406,460; Aug. 27.
Reamer, Abrasive. A. Oberholtz, Jr. 2,411,633; Nov. 26.
Reaming. E. L. Zehrbach. 2,406,938; Sept. 3.
Rear projection device. S. V. Colley. 2,396,251; Mar. 12.
Rear-view mirror mounting. Q. G. Noblitt and E. Ludlow. 2,393,056; Jan. 15.

Receiver and dehydrator, Combination. M. T. Cahenzli, Jr. 2,409,928; Oct. 22.
Receiver and Isolator, Smoker's ash and stump. J. R. Furman. 2,411,569; Nov. 26.
Receiver and support therefor, Flexible bobbin. R. G. Turner. 2,411,069; Nov. 12.
Receiver, Ash. C. Hendricks. 2,398,936; Apr. 23.
Receiver, Double modulation radio. G. E. Pray. 2,400,133; May 14.
Receiver for looms, Spent bobbin. W. H. Wakefield. 2,411,949; Dec. 3.
Receiver for pulse position indication systems. R. S. Holmes and J. P. Smith. 2,403,600; July 9.
Receiver for weft replenishing looms, Bobbin. R. G. Turner. 2,411,068; Nov. 12.
Receiver, Multiplex. D. D. Grieg. 2,408,063; Sept. 24.
Receiver Permeability tuned short-wave spread-band. W. F. Sands. 2,402,260; June 18.
Receiver protection circuit. E. K. Stodola. 2,397,167; Mar. 26.
Receiver, Radio. W. J. Brown and J. J. Neff. 2,398,406; Apr. 16.
Receiver, Radio. J. M. Dodds and H. Whalley. 2,400,813; May 21.
Receiver, Radio. H. Whalley and G. J. Scoles. 2,400,860; May 21.
Receiver, Self-quenched superregenerative. E. E. Birr. 2,407,394; Sept. 10.
Receiver, Sound. H. C. Hayes. 2,404,764; July 23.
Receiver system. H. B. Deal, W. R. Alexander, and J. A. Rankin. 2,413,296; Dec. 31.
Receiver, Television. P. Descerno. 2,407,654; Sept. 17.
Receiving and translating apparatus, Signal. A. W. Plensler. 2,404,401; July 23.
Receiving apparatus for communication systems. L. D. Whitelock. 2,399,968; May 7.
Receiving system, Radio. J. L. Hysko. 2,401,355; June 4.
Receiving system, Radio. H. Magnuski. 2,398,703; Apr. 23.
Receptacle; *See*—
Collapsible cooking receptacle.
Collapsible receptacle.
Douche receptacle.
Flexible pocket receptacle.
Money receptacle.
Spectacle or eye glass receptacle.
Receptacle. P. J. Schoenberger. 2,399,604; Apr. 30.
Receptacle and cover therefor. J. H. Devine and W. T. Halvorsen. 2,412,325; Dec. 10.
Receptacle and shield for attachment to bicycles, Combined. L. J. Hobbs. 2,401,245; May 28.
Receptacle cover. A. Ottesen. 2,405,667; Aug. 13.
Receptacle for fluids. C. W. and G. M. Brandon. 2,408,505; Oct. 1.
Receptacle for loose discarded materials. C. Mallory. 2,392,604; Jan. 8.
Receptacle for toilet paper, Storage. T. R. Black. 2,407,971; Sept. 24.
Receptacle for waste disposal. B. S. Wolff and H. Gottesman. 2,411,015; Nov. 12.
Receptacle, Live minnow and small fish. R. L. Groom and R. E. Parrish, Sr. 2,403,858; July 9.
Receptor, Shower bath. R. E. Burnett. 2,400,683; May 21.
Recharger, Machine gun. K. M. Hammell. 2,406,461; Aug. 27.
Reciprocal circuit. C. A. Mendley. 2,403,540; July 9.
Reciprocating engine. L. C. Rotter and V. G. Klein. 2,404,315; July 16.
Reciprocating mechanism. V. G. Klein. 2,413,357; Dec. 31.
Reciprocating pressure generator. R. G. Le Tourneau. 2,407,790; Sept. 17.
Reciprocating-saw machine. R. G. Brown. 2,413,485; Dec. 31.
Reciprocating tool. E. M. Hoover. 2,407,785; Sept. 17.
Recirculating stabilizer pump. T. R. Dinsmore. 2,392,128; Jan. 1.
Reclaiming. H. H. Thompson and D. V. Moore. 2,409,402; Oct. 15.
Reclining seat. W. E. Morey and R. G. Nichols. 2,400,705; May 21.
Recoil brake. H. B. Maris. 2,403,007; July 2.
Recoil mechanism. V. F. Lucht. 2,395,488; Feb. 26.
Recoil mechanism. S. B. Somervell. 2,404,931; July 30.
Recoilless mechanism for guns and mortars. M. H. Goehmann. 2,406,537; Aug. 27.
Record, Business. A. Hansen. 2,402,282; June 18.
Record changer. P. S. Gay. 2,396,094; Mar. 5.
Record changer mechanism, Hydraulic. J. D. Weaver. 2,395,026; Feb. 19.
Record compositions, Phonograph. J. S. Massarene. 2,403,448; July 9.
Record container. H. Goldich. 2,402,746; June 25.
Record controlled machine. V. O. Wilkerson. 2,408,715; Oct. 1.
Record device. M. Rubinoff. 2,400,211; May 14.
Record material, Alterproofing. J. D. Ross. 2,396,391; Mar. 12.
Record perforating machine. R. E. Paris. 2,396,384; Mar. 12.
Record punching machine. C. D. Lake, F. E. Hamilton, and B. M. Durfee. 2,398,014; Apr. 9.
Record re-producing machine. E. J. Rabenda and F. J. Furman. 2,398,038; Apr. 9.
Record reproduction circuit. W. R. Koch. 2,410,982; Nov. 12.
Recorder. R. Dally, F. H. Goldsmith, and D. J. Munroe. 2,412,718; Dec. 17.
Recorder. G. Keinath and R. K. Hellmann. 2,401,356; June 4.
Recorder. C. E. Potter and J. W. Kendall. 2,392,876; Jan. 15.
Recorder and reproducer, Sound controlled. G. A. Harrington. 2,391,897; Jan. 1.
Recorder attachment and card guide, Time. W. A. Kraus. 2,407,020; Sept. 3.
Recorder attachment for meters, Consumption. F. S. and R. B. Beach. 2,398,352; Apr. 16.
Recorder, Automatic graph drawing. V. Guillemin, Jr. 2,406,764; Sept. 3.
Recorder, Bulk plant receiving. A. J. Granberg. 2,393,464; Jan. 22.
Recorder control mechanism. R. A. Lake. 2,411,704; Nov. 26.
Recorder, Dynamic clutch torque. L. D. Cahill, J. J. Neff, and F. A. Frampton. 2,401,907; June 11.
Recorder, Electric. W. J. Means and T. Slonczewski. 2,396,187; Mar. 5.
Recorder, Electric time. A. J. Findlay. 2,395,781; Feb. 26.
Recorder, Facsimile. A. Z. Mample and L. A. Reed. 2,393,329; Jan. 22.
Recorder head, Magnetic. M. Camras. 2,411,849; Dec. 3.
Recorder, Line-for-line. G. Keinath. 2,393,639; Jan. 29.
Recorder, Magnetic. W. K. Caughey and K. D. Swartzel. 2,402,985; July 2.
Recorder mechanism. C. D. Lake and F. E. Hamilton. 2,403,006; July 2.
Recorder, Optical. J. W. Bryce. 2,392,224; Jan. 1.
Recorder-reproducer unit, Electric. F. L. Moore. 2,410,607; Nov. 5.
Recording. R. E. Crowley. 2,403,911; July 16.
Recording and computing machine. E. O. Roggenstein. 2,412,537; Dec. 10.
Recording and reproducing head for magnetic recording. W. B. Latchford and L. C. Holmes. 2,413,108; Dec. 24.
Recording and reproducing machine, Sound. J. M. Kuhlik 2,408,320; Sept. 24.
Recording apparatus. G. G. A. Ericsson. 2,409,745; Oct. 22.
Recording apparatus. R. K. Hellmann. 2,401,350; June 4.
Recording apparatus. E. J. Rabenda. 2,412,422; Dec. 10.
Recording apparatus. H. L. Tholstrup. 2,392,275; Jan. 1.
Recording apparatus, Automatic. J. J. Kaplan. 2,409,358; Oct. 15.
Recording apparatus, Magazine for magnetic. L. B. Greenleaf. 2,401,632; June 4.
Recording audio-frequency waves, Method of and system for. H. E. Roys. 2,400,953; May 28.
Recording composition, Instantaneous. A. B. Savage. 2,407,179; Sept. 3.
Recording device. G. C. Engel, L. S. Lynch, Jr., and F. L. Eidmann. 2,392,467; Jan. 8.
Recording device, Deviation. A. H. Beal. 2,405,937; Aug. 20.
Recording device for automobiles. E. E. Eriksson. 2,408,302; Sept. 24.
Recording indications, Method and means for. G. Keinath and R. K. Hellmann. 2,393,638; Jan. 29.
Recording machine, Moving web. A. G. Cooley. 2,397,535; Apr. 2.
Recording map device. W. Blitz. 2,393,228; Jan. 22.
Recording mechanism. A. Allen. 2,393,960; Feb. 5.
Recording system in seismic surveying. J. D. Eisler and J. A. Sharpe. 2,394,990; Feb. 19.
Recording system, Race. E. Nassour. 2,408,528; Oct. 1.
Recording system, Sound. G. P. Brubaker. 2,411,501; Nov. 26.
Recovery process. H. A. Pacevitz. 2,396,600; Mar. 12.
Recovery, Secondary. A. C. Byrns. 2,392,971; Jan. 15.
Rectifier. A. Lang. 2,393,390; Jan. 22.
Rectifier. C. A. Clarke. 2,406,806; Sept. 3.
Rectifier, Alternating current. R. S. Ohl. 2,402,661; June 25.
Rectifier for frequency division, Sub-synchronous. S. W. Seeley. 2,403,559; July 9.
Rectifier, Gas-filled electric. H. T. Ramsay. 2,409,955; Oct. 22.
Rectifier, Safety high-voltage. E. G. Gage. 2,400,751; May 21.
Rectifier, Voltage. D. R. Rasley. 2,407,724; Sept. 17.
Rectifier with control electrodes. H. Keller. 2,398,647; Apr. 16.
Rectifiers, Making dry. W. C. Ellis and A. G. Souden. 2,395,259; Feb. 19.
Rectifiers, Making dry. W. F. Kannenberg and J. C. McCoy. 2,395,743; Feb. 26.
Rectifiers, Making selenium. A. von Hippel. 2,413,013; Dec. 24.

Rectifiers, Reduction of leakage current in cuprous-oxide. C. C. Hein. 2,394,056; Feb. 5.
Reducer, Fluid pressure. E. A. Berger. 2,393,280; Jan. 22.
Reducer, Foam. M. L. Edwards. 2,401,469; June 4.
Reducer for breathing apparatus, Pressure. P. E. Meidenbauer, Jr. 2,399,816; May 7.
Reducer, Hat size. I. B. Hiller. 2,406,700; Aug. 27.
Reducer, Hat size. I. B. Miller. 2,406,701; Aug. 27.
Reducing device, Control-force. T. A. Harris. 2,405,208; Aug. 6.
Reducing machine, Tube. C. L. Dewey. 2,410,052; Oct. 29.
Reducing the effect of interference, Method and apparatus for. W. S. Percival. 2,410,233; Oct. 29.
Reducing the olefin content of an olefinic distillate. V. Haensel and V. N. Ipatieff. 2,401,636; June 4.
Reducing the surface tension of liquids, Agent for. L. Leiserson. 2,404,913; July 30.
Reduction of molybdenum trioxide. R. F. Rennie. 2,398,114; Apr. 9.
Reel: *See*—
Cable reel.
Fire hose reel.
Fishing reel.
Fishing rod and reel.
Hand reel.
Harvester reel.
Photographic tank reel.
Winding reel.
Thread advancing reel.
Reel. J. B. Barrett. 2,393,733; Jan. 29.
Reel. O. S. Fowler. 2,397,955; Apr. 9.
Reel. M. G. Hinnekens. 2,395,388; Feb. 26.
Reel. L. Hornbostel. 2,392,148; Jan. 1.
Reel. W. McArthur. 2,400,589; May 21.
Reel, and holding means, Wire. M. Camras. 2,397,087; Mar. 26.
Reel, Fishing. J. Fiori. 2,404,702; July 23.
Reel for harvesters, Pickup. H. C. Sage. 2,413,072; Dec. 24.
Reel for liquid dispensing apparatus, Hose. R. J. Jauch, S. Hinds, and F. W. Sturm. 2,397,267; Mar. 26.
Reel for threshers, Feeder. C. W. Schooler. 2,393,823; Jan. 29.
Reel mechanism, Power-driven wire. T. C. Smith and H. D. Brown. 2,401,518; June 4.
Reel or beam. E. W. Powell. 2,411,937; Dec. 3.
Reel structure. T. J. Morgan and A. S. Dearborn. 2,392,492; Jan. 8.
Reeler, Hose. T. N. Warkentin. 2,396,451; Mar. 12.
Reeling mechanism. W. P. Lear. 2,409,132; Oct. 8.
Reeling mechanism. E. R. Ziegler. 2,401,809; June 11.
Reeling mechanism, Wire. N. H. Nye and W. E. Rogers. 2,407,899; Sept. 17.
Refining process. R. C. Brandon. 2,394,978; Feb. 19.
Reflection from glass, Reduction in. G. L. Dimmick. 2,397,929; Apr. 9.
Reflectometer correction network. S. P. Ghosh. 2,412,393; Dec. 10.
Reflector button sign. M. C. Almes. 2,413,538; Dec. 31.
Reflector, Color selective. G. L. Dimmick. 2,412,496; Dec. 10.
Reflector, Reflex light. P. V. Palmquist, B. S. Cross, and G. P. Netherly. 2,407,680; Sept. 17.
Reflectors, Production of. H. H. Snyder and E. H. Bennett. 2,394,116; Feb. 5.
Reforming. A. B. Welty, Jr. 2,406,117; Aug. 20.
Refractometer. H. W. Straat. 2,394,949; Feb. 12.
Refractometer for chemical reactions. R. B. Barnes. 2,413,208; Dec. 24.
Refractories. R. E. Griffith. 2,394,304; Feb. 5.
Refractories, Plastic bonding basic. R. A. Schoenlaub. 2,406,909; Sept. 3.
Refractory articles, Treating. T. H. D. Burke. 2,407,668; Sept. 17.
Refractory, Basic cast. T. E. Field. 2,409,844; Oct. 22.
Refractory for furnace linings, Bonded. J. S. C. Perry and A. T. Prince. 2,410,559; Oct. 29.
Refractory materials, Treatment of. R. A. Schoenlaub. 2,406,910; Sept. 3.
Refractory product, Cast. T. E. Field. 2,408,305; Sept. 24.
Refractoscope. G. W. Willard. 2,401,381; June 4.
Refrigerant compressor valve arrangement. F. I. Ratalczak. 2,413,653; Dec. 31.
Refrigerant controlling and expansion apparatus. J. N. Roth. 2,413,336; Dec. 31.
Refrigerant distributing means. F. Y. Carter. 2,409,661; Oct. 22.
Refrigerant evaporator. B. C. Johnson. 2,411,376; Nov. 19.
Refrigerant vapor system. W. E. Trumpler. 2,411,347; Nov. 19.
Refrigerants, and making them. A. F. Benning, F. B. Downing, and R. J. Plunkett. 2,393,304; Jan. 22.
Refrigerating and conditioning system for vehicles. G. B. Pirnie. 2,394,201; Feb. 5.
Refrigerating and heating installation. P. Schlumbohm. 2,396,887; Mar. 19.
Refrigerating apparatus. D. F. Alexander. 2,400,329; May 14.
Refrigerating apparatus. G. M. Armstrong. 2,413,597; Dec. 31.
Refrigerating apparatus. L. W. Atchison. 2,405,392; Aug. 6.
Refrigerating apparatus. F. Y. Carter. 2,402,802; June 25.
Refrigerating apparatus. E. S. Dybvig. 2,405,411; Aug. 6.
Refrigerating apparatus. A. V. Frohnapel. 2,411,419; Nov. 19.
Refrigerating apparatus. J. L. Gibson. 2,394,166; Feb. 5.
Refrigerating apparatus. T. B. Gilliam. 2,403,275; July 2.
Refrigerating apparatus. C. D. Graham and E. S. Dybvig. 2,401,560; June 4.
Refrigerating apparatus. R. D. Heitchue. 2,401,827; June 11.
Refrigerating apparatus. W. W. Higbam. 2,403,528; July 9.
Refrigerating apparatus. T. C. Killoran. 2,401,426; June 4.
Refrigerating apparatus. A. A. McCormack. 2,405,042; July 30.
Refrigerating apparatus. A. F. McMahon. 2,411,833; Nov. 26.
Refrigerating apparatus. R. H. Money and J. W. Craig. 2,412,904; Dec. 17.
Refrigerating apparatus. C. H. Nauert. 2,407,721; Sept. 17.
Refrigerating apparatus. G. C. Pearce and A. O. Grooms. 2,396,284; Mar. 12.
Refrigerating apparatus. A. J. Pedigo. 2,410,232; Oct. 29.
Refrigerating apparatus. C. F. Petkwitz. 2,406,629; Aug. 28.
Refrigerating apparatus. L. A. Philipp. 2,401,793; June 11.
Refrigerating apparatus. L. A. Philipp. 2,410,360; Oct. 29.
Refrigerating apparatus. L. A. Philipp. 2,411,461; Nov. 19.
Refrigerating apparatus. F. I. Ratniczak. 2,395,065; Feb. 19.
Refrigerating apparatus. I. S. Ritter. 2,405,448; Aug. 6.
Refrigerating apparatus. S. M. Schweller. 2,411,296; Nov. 19.
Refrigerating apparatus. J. A. Smith. 2,410,310; Oct. 29.
Refrigerating apparatus. R. H. Swart. 2,398,262; Apr. 9.
Refrigerating apparatus, Absorption. W. G. Kögel. 2,402,413; June 18.
Refrigerating apparatus, Absorption. W. G. Kögel and N. E. Widell. 2,402,415; June 18.
Refrigerating apparatus, Intermittent absorption or adsorption. N. Erland af Kleen. 2,393,241; Jan. 22.
Refrigerating apparatus of the compression type. R. Hintze. 2,396,573; Mar. 12.
Refrigerating apparatus of the compression type. R. Hintze. 2,403,220; July 2.
Refrigerating container. C. E. Hadsell. 2,393,245; Jan. 22.
Refrigerating device, Portable. L. F. Clerc. 2,400,742; May 21.
Refrigerating machine. F. O. Urban. 2,404,010; July 16.
Refrigerating machine. F. O. Urbun. 2,404,112; July 16.
Refrigerating mechanism. G. Muffly. 2,407,794; Sept. 17.
Refrigerating method and apparatus. N. E. MacLean. 2,404,511; July 23.
Refrigerating system. R. U. Berry. 2,400,334; May 14.
Refrigerating system. W. E. Dodson. 2,400,335; May 14.
Refrigeration. G. A. Brace. 2,395,392; Feb. 26.
Refrigeration. G. A. Brace. 2,410,334; Oct. 29.
Refrigeration. F. A. Grossman. 2,393,630; Jan. 29.
Refrigeration. R. M. Buffington. 2,400,138; May 14.
Refrigeration. A. H. Charland. 2,401,460; June 4.
Refrigeration. A. H. Charland. 2,401,613; June 4.
Refrigeration. C. C. Coons. 2,400,191–2; May 14.
Refrigeration. P. Edberg. 2,399,916; May 7.
Refrigeration. A. G. Gross. 2,401,300; June 4.
Refrigeration. A. G. Gross. 2,410,342; Oct. 29.
Refrigeration. F. A. Grossman. 2,399,922; May 7.
Refrigeration. W. H. Kitto. 2,410,292; Oct. 29.
Refrigeration. W. G. Kögel. 2,402,414; June 18.
Refrigeration. W. G. Kögel. 2,402,416; June 18.
Refrigeration. W. G. Kögel and N. E. Widell. 2,402,417; June 18.
Refrigeration. J. G. Reid, Jr. 2,400,137; May 14.
Refrigeration. A. D. Siedle. 2,400,214; May 14.
Refrigeration. A. D. Siedle. 2,401,385; June 4.
Refrigeration. D. G. Smellie. 2,400,215; May 14.
Refrigeration. O. B. Sutton. 2,405,169; Aug. 6.
Refrigeration apparatus. A. Hiller. 2,409,279; Oct. 15.
Refrigeration apparatus. W. P. Jones. 2,407,159; Sept. 3.
Refrigeration apparatus. W. Peglow. 2,392,689; Jan. 8.
Refrigeration cycle, Absorption. G. W. Miller, E. L. Wells, and D. H. Larsen. 2,408,802; Oct. 8.
Refrigeration expansion valve. E. J. Dillman and F. Y. Carter. 2,408,919; Oct. 8.
Refrigeration, Intermittent absorption or adsorption-type. N. Erland af Kleen. 2,401,233; May 28.
Refrigeration, Low-temperature chamber. E. Lodwig. 2,405,895; Aug. 13.
Registration process and apparatus. J. A. Ball. 2,399,975; May 7.
Refrigeration system. W. L. McGrath. 2,403,818; July 9.
Refrigeration system. B. E. Shaw and W. W. Wood. 2,393,123; Jan. 15.
Refrigeration system. J. R. Zwickl. 2,392,894; Jan. 15.

Refrigerator. D. E. Dailey. 2,393,238; Jan. 22.
Refrigerator. G. L. C. Earle. 2,400,634; May 21.
Refrigerator. N. F. Haas. 2,394,684; Feb. 12.
Refrigerator. A. T. Millott and E. C. Graham. 2,408,805; Oct. 8.
Refrigerator. G. Muffly. 2,410,672; Nov. 5.
Refrigerator. C. E. Quinn. 2,400,135; May 14.
Refrigerator. H. E. Rosebrook. 2,409,069; Oct. 8.
Refrigerator. H. E. Rosebrook and H. F. Powell. 2,408,582; Oct. 1.
Refrigerator. H. van Doren. 2,408,460; Oct. 1.
Refrigerator assembly. D. E. Dailey. 2,392,727; Jan. 8.
Refrigerator, Bottle dispensing. F. U. Payne. 2,408,444; Oct. 1.
Refrigerator cabinet. L. G. Bergstrom. 2,394,229; Feb. 5.
Refrigerator cabinet. E. D. Drake. 2,403,588; July 9.
Refrigerator car. H. W. Kleist. 2,410,449; Nov. 5.
Refrigerator liner construction. B. C. Johnson. 2,413,233; Dec. 24.
Refrigerator motor-compressor mounting. W. P. Jones. 2,407,014; Sept. 3.
Refuse body. J. F. Heil and A. H. Samuelsen. 2,406,015; Aug. 20.
Regenerative bass compensation circuit. H. Toomin. 2,408,242; Sept. 24.
Regenerative furnace. K. C. Gehring and S. T. Puryear. 2,400,300; May 14.
Regenerator, Cocurrent-countercurrent. E. A. Johnson. 2,401,739; June 11.
Register, Air. C. Davies. 2,395,319; Feb. 19.
Register and printer, Instrument-reading. J. T. Potter. 2,393,186; Jan. 15.
Register, Consumption. F. S. and R. B. Beach. 2,394,972; Feb. 19.
Register, Game. A. W. Dew. 2,405,690; Aug. 13.
Register operating mechanism. C. F. Root. 2,396,390; Mar. 12.
Registering device, Punch board. J. S. Hadesbeck. 2,406,603; Aug. 27.
Reglet. J. J. Fry. 2,405,202; Aug. 6.
Regulated liquid pressures, System for producing. W. C. Clothier, B. Naylor, and J. E. P. Dunning. 2,407,139; Sept. 3.
Regulated system. D. M. Lawrence. 2,403,381; July 2.
Regulating apparatus. L. K. Hedding. 2,399,185; Apr. 30.
Regulating apparatus. W. H. Smith. 2,397,213; Mar. 26.
Regulating apparatus, Compressor. P. A. Condit and K. Ruhl. 2,401,910; June 11.
Regulating apparatus, Electrical. W. C. Sealey. 2,399,943–4; May 7.
Regulating apparatus for boilers, Feed water. W. L. Hunter. 2,411,728–9; Nov. 26.
Regulating apparatus for boilers, Feed water. H. Schlieder. 2,401,512; June 4.
Regulating apparatus, Power supply. W. M. Smith. 2,407,853; Sept. 17.
Regulating device. E. E. Hewitt and R. E. Watson. 2,402,400; June 18.
Regulating device, Electrically operating. A. Krüssmann. 2,399,872; May 7.
Regulating device for friction-cone clutches. E. Bodmer. 2,409,013; Oct. 8.
Regulating device for internal-combustion engines, Automatic mixture. R. de Filippis. 2,406,282; Aug. 20.
Regulating means, Engine. F. C. Reggio. 2,403,308; July 2.
Regulating means for pressure cabins. B. E. Del Mar. 2,407,257; Sept. 10.
Regulating means, Pilot controlled. D. G. Griswold. 2,410,876; Nov. 12.
Regulating mechanism. T. W. Moore. 2,396,593; Mar. 12.
Regulating mechanism. T. W. Moore. 2,396,595–6; Mar. 12.
Regulating system. C. C. Levy. 2,399,363; Apr. 30.
Regulating system. J. E. Reilly. 2,399,388; Apr. 30.
Regulating system, Electrical. R. C. Olesen. 2,408,091; Sept. 24.
Regulating system for dynamo-electric machines. E. H. Stivender. 2,392,426; Jan. 8.
Regulating system, Rectifier. S. L. Christie. 2,403,637; July 9.
Regulating valve. W. H. Du Bois. 2,402,317; June 18.
Regulating valve. H. B. Schultz. 2,404,102; July 16.
Regulation of the scavenging and charging of two-stroke fuel injection internal combustion engines. B. Bolli. 2,403,844; July 9.
Regulator: *See*—
Aircraft breathing regulator.
Bottom hole regulator.
Cabin pressure regulator.
Cable tension regulator.
Carbon pile electric regulator.
Carbon pile regulator.
Carbon pile voltage regulator.
Consistency regulator.
Control cable regulator.
Current regulator.
Draft regulator.
Electric regulator.
Electronic voltage regulator.
Fluid pressure regulator.
Generator regulator.
Heat regulator.
Oxygen demand regulator.
Resistance regulator.
Timepiece regulator.
Voltage regulator.
Window regulator.
Regulator. B. O. Austin. 2,393,951; Feb. 5.
Regulator. B. O. Austin. 2,408,188; Sept. 24.
Regulator. J. E. Bevins. 2,403,332; July 2.
Regulator. J. L. Kimball. 2,404,849; July 30.
Regulator. J. Peterson. 2,403,393; July 2.
Regulator. L. H. Von Ohlsen. 2,404,674; July 23.
Regulator and choke, Bottom hole. A. Boynton. 2,394,977; Feb. 19.
Regulator circuit. L. P. Paradise and W. F. Auerbacher. 2,401,096; May 28.
Regulator for aircraft, Air speed. G. N. Hanson. 2,391,896; Jan. 1.
Regulator for drill presses, Threading. W. C. Glover, Jr. 2,404,053; July 16.
Regulator for electrical appliances, Temperature. B. F. Waddell. 2,402,354; June 18.
Regulator for electron discharge devices, Voltage. R. B. Dome. 2,404,624; July 23.
Regulator mechanism unit. J. B. Parsons. 2,400,572; May 21.
Regulator stabilizer. F. D. Burns. 2,397,127; Mar. 26.
Regulator system. S. B. Crary. 2,411,710; Nov. 26.
Regulator system. F. E. Crever and L. C. Calder. 2,412,442; Dec. 10.
Regulator system, Current and voltage. R. M. Bowie. 2,394,891; Feb. 12.
Regulator with pressure loaded carbon-pile column, Electric current. W. Kehse. 2,403,534; July 9.
Regulator with self-adjusting arm, Window. C. M. Verbagen. 2,401,673; June 4.
Regulators, Control for. M. W. Crew. 2,401,553; June 4.
Reinforced door of wood and/or insulating material. J. B. Een. 2,399,666; May 7.
Reinforced gas burner. H. D. Dufault. 2,409,421; Oct. 15.
Rejecting mechanism, Article. G. C. Abbott. 2,410,037; Oct. 29.
Relasting machine. A. Perri. 2,409,447; Oct. 15.
Relative humidity meter. F. Kahn. 2,411,041; Nov. 12.
Relay. M. A. Bostwick and H. W. Lensner. 2,406,584; Aug. 27.
Relay. F. A. Cox. 2,412,968; Dec. 24.
Relay. M. Fiehl. 2,394,601; Feb. 12.
Relay. S. L. Goldsborough. 2,393,983; Feb. 5.
Relay. J. H. Horman. 2,412,580; Dec. 17.
Relay. T. J. Judge. 2,396,048; Mar. 5.
Relay. A. J. McMaster and L. Jacobson. 2,405,319; Aug. 6.
Relay. A. J. McMaster and D'A. A. Young, Jr. 2,398,657; Apr. 16.
Relay. S. Wald. 2,399,901; May 7.
Relay. V. Weber. 2,398,681; Apr. 16.
Relay arrangement for electric power systems. A. R. van C. Warrington. 2,405,081; July 30.
Relay arrangement, Out-of-step. A. R. van C. Warrington. 2,405,083; July 30.
Relay construction. F. R. McBerty. 2,396,332; Mar. 12.
Relay construction. F. R. McIlerty. 2,409,054; Oct. 8.
Relay, Control circuit. J. B. Owens and R. H. Hitson. 2,404,982; July 30.
Relay, Cutout. G. L. Webb. 2,412,792; Dec. 17.
Relay, Delayed action. M. N. Yardeny. 2,410,325; Oct. 29.
Relay device. L. Hanff. 2,407,418; Sept. 10.
Relay device, Electromagnetic. J. A. Favre. 2,410,279; Oct. 29.
Relay, Electrical. A. H. Lamb. 2,398,651; Apr. 16.
Relay, Electromagnetic. J. H. Horman. 2,407,744; Sept. 17.
Relay, Electromagnetic. S. H. Towner and P. A. Childs. 2,411,563; Nov. 26.
Relay, Electromagnetic. F. E. Wood. 2,397,635; Apr. 2.
Relay, Electromagnetic. F. E. Wood. 2,400,452; May 14.
Relay, Electromagnetic. F. E. Wood. 2,404,469; July 23.
Relay for direct current generator battery systems, Reverse current. J. W. Allen. 2,397,938; Apr. 9.
Relay for fluorescent lamps, Thermal. H. J. McCarthy. 2,413,363; Dec. 31.
Relay, Mercury. U. C. Hedin. 2,393,904; Jan. 29.
Relay, Meter. F. G. Kelly. 2,395,669; Feb. 26.
Relay of the fluid jet type, Mechanical. R. C. Braithwaite and K. Wilcox. 2,408,603; Oct. 1.
Relay of the fluid jet type, Mechanical. K. W. Todd. 2,397,448; Mar. 26.
Relay of the fluid jet type, Mechanical. K. W. Todd. 2,408,705; Oct. 1.
Relay, Overland. G. C. Armstrong. 2,399,311; Apr. 30.
Relay, Overload. G. C. Armstrong. 2,411,351; Nov. 19.
Relay protective arrangement. A. R. van C. Warrington. 2,405,080; July 30.
Relay protective arrangement. A. R. van C. Warrington. 2,405,082; July 30.
Relay, Retarded. L. W. Droel. 2,407,633; Sept. 17.
Relay, Simplified ground. S. L. Goldsborough. 2,408,208; Sept. 24.
Relay, Sound operated. J. W. Conn. 2,391,882; Jan. 1.
Relay switch. H. E. Malone. 2,402,173; June 18.
Relay system. H. W. Lensner. 2,406,617; Aug. 27.
Relay system, Half-cycling protective. J. R. Fetcher and R. S. Phair. 2,394,903; Feb. 12.
Relay system, Radiation sensitive. J. R. Schick. 2,413,076; Dec. 24.
Relay system, Radio. R. W. Bumstead. 2,401,333; June 4.

Relay, Timing. R. B. Immel. 2,397,181; Mar. 26.
Relay, Tuned audio. P. E. Fischler. 2,392,981; Jan. 15.
Relaying apparatus. Modified characteristic. H. J. Carlin. 2,399,322; Apr. 30.
Relaying, Carrier-current. H. W. Lensner. 2,406,615; Aug. 27.
Relaying means, Universal sequence-current. W. K. Sonnemann. 2,406,411; Aug. 27.
Relaying, Multiterminal pilot-wire. J. Kisch. 2,400,997; May 28.
Relaying system, Carrier-current phase-angle. A. C. Mehring, H. W. Lensner, and S. L. Goldsborough. 2,408,868; Oct. 8.
Relaying system, Carrier-current protective. H. W. Lensner. 2,406,616; Aug. 27.
Releasable pin. J. P. Butterfield. 2,405,400; Aug. 6.
Release device, Dump rake toggle. N. D. Colvin. 2,399,789; May 7.
Release device, Overload. M. O. Dean. 2,394,669; Feb. 12.
Release for motor vehicles, Automatic emergency brake. H. Moran. 2,411,632; Nov. 26.
Release for parachute harness, Single point. L. M. Johnston. 2,404,909; July 30.
Release for rockable arms, Overload. C. W. Mott. 2,409,511; Oct. 15.
Release for the spool-holder of surgical stitching instruments, Auxiliary. J. D. Karle. 2,393,911; Jan. 29.
Release means for parachute harness, Instant. W. H. Fausz. 2,406,209; Aug. 20.
Release, Mechanical. L. P. Frieder and W. S. Finken. 2,406,010; Aug. 20.
Release mechanism, Antenna. J. H. Hammond, Jr. 2,411,828; Nov. 26.
Release mechanism, Chuck. A. M. Stoner. 2,406,444; Aug. 27.
Release mechanism, Impact operated. T. H. Carpenter. 2,395,252; Feb. 19.
Release mechanism, Sear. L. H. McClure, Jr. 2,404,881; July 30.
Release, Overload. F. J. Wright. 2,408,501; Oct. 1.
Release system, High-speed. H. C. Roters. 2,402,580; June 25.
Releasing device. B. Johnsen. 2,413,450; Dec. 31.
Releasing device, Pipe. O. J. McCullough. 2,407,991; Sept. 24.
Releasing mechanism, Cockpit enclosure. W. T. Immenschuh. 2,401,076; May 28.
Releasing mechanism, Quick, high precision ball. T. O. Brandon. 2,399,199; Apr. 30.
Relief valve. J. A. Compton and N. W. Horn. 2,393,589; Jan. 29.
Relief valve. M. A. Mathys. 2,411,930; Dec. 3.
Relief valve. H. H. Walley, Jr. 2,406,178; Aug. 20.
Relief valve. G. W. Wolcott. 2,400,861; May 21.
Remote control. H. V. Alexandersson and C.-E. Granqvist. 2,395,708; Feb. 26.
Remote-control apparatus. L. E. Hayslett and F. H. Osborne. 2,400,088; May 14.
Remote-control apparatus. M. N. Yardeny. 2,403,161; July 2.
Remote control apparatus with unidirectional stopping. M. N. Yardeny. 2,405,629; Aug. 13.
Remote control device, Electrical. H. G. Conway. 2,397,922; Apr. 9.
Remote control device, Hydraulic. R. Lucien. 2,412,053; Dec. 3.
Remote-control firing mechanism for machine guns. G. R. Oscar and W. S. Boals. 2,410,100; Oct. 29.
Remote control for automotive vehicle transmissions. T. Backus and C. H. Parrish, Jr. 2,399,613; May 7.
Remote control for evaporative coolers. W. W. McReynolds. 2,413,150; Dec. 24.
Remote control frequency selector system. J. M. Brian. 2,413,211; Dec. 24.
Remote control installation, Note-frequency. H. Fröhlich. 2,396,944; Mar. 19.
Remote control of fluid pressure actuated apparatus. S. R. Cain. 2,407,812; Sept. 17.
Remote control of guns in elevation and train. G. E. Twining and J. J. Torrance. 2,397,172; Mar. 26.
Remote control of internal-combustion engines and clutches employed in ship propulsion, System for the R. R. Donaldson. 2,404,951; July 30.
Remote control of radio receivers. R. E. Schock. 2,404,101; July 16.
Remote control, Synchronous. G. Olah. 2,401,501; June 4.
Remote control system. G. W. Baughman. 2,394,971; Feb. 19.
Remote-control system. G. W. Baughman. 2,396,812; Mar. 19.
Remote-control system. G. W. Baughman. 2,397,401; Mar. 26.
Remote-control system. G. W. Baughman. 2,398,572; Apr. 16.
Remote control system. G. S. Brown and J. W. Forrester. 2,409,190; Oct. 15.
Remote control system. J. C. Clark. 2,398,519; Apr. 16.
Remote-control system. J. W. Conklin. 2,403,053; July 2.
Remote control system. J. W. Conklin. 2,410,599; Nov. 5.
Remote-control system. W. U. Dent. 2,397,539; Apr. 2.
Remote control system. C. de Ganahl. 2,393,892; Jan. 29.
Remote control system. A. P. Jackel. 2,411,375; Nov. 19.
Remote control system. R. M. Laurenson. 2,394,080; Feb. 5.
Remote control system. L. V. Lewis. 2,409,051; Oct. 8.
Remote control system. L. V. Lewis. 2,409,696; Oct. 22.
Remote-control system. A. B. Miller. 2,398,588; Apr. 16.
Remote-control system. R. L. Novak. 2,406,848; Sept. 3.
Remote control system. A. J. Sorensen. 2,396,134; Mar. 5.
Remote-control system. B. Thomson. 2,399,954; May 7.
Remote control system. E. C. Wahlberg. 2,405,678; Aug. 13.
Remote control system. W. F. Wolfner, II. 2,411,607; Nov. 26.
Remote-control system and apparatus. A. G. Cooley. 2,411,147; Nov. 19.
Remote control system by variable frequency signals. A. L. G. de Bey. 2,396,091; Mar. 5.
Remote-control system, Electric. B. Thomson. 2,399,956; May 7.
Remote-control system, Fluid pressure. P. W. Thornhill. 2,398,870; Apr. 23.
Remote indicating means. N. R. Richmond. 2,393,189; Jan. 15.
Remote indicator. A. W. Borsum. 2,397,527; Apr. 2.
Remote-operating control device. D. E. Marsh. 2,395,563; Feb. 26.
Removable shoulder pad. A. Friedman. 2,408,840; Oct. 8.
Removal system, Fly ash. E. C. Webb. 2,400,797; May 21.
Remover and filter, Dust. C. G. Vokes and E. A. Stokes. 2,406,177; Aug. 20.
Remover for sweep wheels or the like for repairing watches. E. Gottlieb. 2,403,216; July 2.
Remover, Ice. C. J. Beck. 2,400,906; May 28.
Remover, Moisture. L. A. Heintzelman. 2,402,140; June 18.
Removers and support therefor, Cap. M. H. Hill. 2,404,066; July 16.
Rendering bombs inactive. N. M. Hopkins. 2,404,441; July 23.
Repairing apparatus, Tire. T. Norcross. 2,399,937; May 7.
Repeater, Electronic regenerative. M. Morrison. 2,406,096; Aug. 20.
Repeater for multiway balanced loop repeaters, Regenerative. W. T. Rea. 2,392,339; Jan. 8.
Repeater, Radio. J. E. Smith. 2,405,765; Aug. 13.
Repeater system, Telegraph. F. H. Fay and E. W. Reeve. 2,408,304; Sept. 24.
Repeater, Tone frequency signal. W. E. Simpson. 2,404,754; July 23.
Repeating flash and synchronizing apparatus. C. L. Oswald. 2,395,500; Feb. 26.
Repellent composition and preparing the same, Water. J. E. Smith and P. J. Mitchell, Jr. 2,402,351; June 18.
Repellent compositions, Insect. H. A. Jones and B. V. Travis. 2,400,006; May 7.
Repellent, Insect. S. I. Gertler. 2,411,720; Nov. 26.
Reproducing and projecting apparatus. S. Blanc. 2,411,514; Nov. 26.
Reproducing apparatus, Electrical sound. H. C. Warner. 2,403,696; July 9.
Reproducing device, Motion. J. D. Tear. 2,397,819; Apr. 2.
Reproducing images from opaque surfaces. P. Taber and L. W. Van Dusen. 2,392,343; Jan. 8.
Reproducing instrument, Pressure. A. J. Rosenberger. 2,405,979; Aug. 20.
Reproducing mechanism, Motion. W. H. Newell. 2,405,046; July 30.
Reproducing signals, Visually. L. A. de Rosa. 2,408,050; Sept. 24.
Reproducing system, Record. C. M. Sinnett and H. Belar. 2,408,695; Oct. 1.
Reproduction, Drawing. R. J. Wirshing and F. E. Smith. 2,407,596; Sept. 10.
Reproduction of a face. H. Janson. 2,399,121; Apr. 23.
Rerailer. C. R. Duke. 2,395,175; Feb. 19.
Rerecording method and system, Automatic. C. O. Slyfield. 2,402,095; June 11.
Reservoir for cooking stoves, Water. W. P. Biddle, Jr. 2,393,881; Jan. 29.
Reservoir for ink bottles, Auxiliary. E. C. Schweppe. 2,403,242; July 2.
Reservoir for liquids. G. D. Marcy. 2,392,288; Jan. 1.
Reset valve. J. L. Ewing. 2,395,470; Feb. 26.
Resettable snap action thermal limit switch. H. Ulanet. 2,394,121; Feb. 5.
Resilient axle support. J. M. Halt. 2,393,369; Jan. 22.
Resilient car wheel. D. P. Steward. 2,396,029; Mar. 5.
Resilient mechanical wheel. W. O. Beyer and T. R. Tarn. 2,402,594; June 25.
Resilient mounting. R. L. Wells and G. H. Welch. 2,399,414; Apr. 30.
Resilient mounting. T. L. Yates. 2,401,449; June 4.

Resilient nonmetallic bearing. M. R. Buffington and E. G. Jegge. 2,397,124; Mar. 26.
Resilient unit for operation in tension. C. J. Underwood. 2,395,595; Feb. 26.
Resilient vehicle wheel. A. H. Tracy. 2,393,721; Jan. 29.
Resilient wheel. A. O. Williams. 2,392,562; Jan. 8.
Resilient wheel. C. E. Workman. 2,404,581; July 23.
Resiliently mounted conveyer. M. S. Bowen. 2,396,079; Mar. 5.
Resiliently supported shear block. W. J. Miller. 2,405,598; Aug. 13.
Resin, Alkyd. E. G. Peterson. 2,399,692; May 7.
Resin bonded abrasives. L. Coes, Jr. 2,401,138; May 28.
Resin composition, Oil-modified. A. P. Mazzucchelli. 2,413,412; Dec. 31.
Resin compositions and making them, Proteinacetone. F. A. Hessel and J. B. Rust. 2,398,307; Apr. 9.
Resin, Explosive synthetic. H. A. Bruson and G. B. Butler. 2,400,806; May 21.
Resin-fiber article and making the same. E. E. Sawyer. 2,409,645; Oct. 22.
Resin gel, Pigmented. H. A. Toulmin, Jr. 2,408,353; Sept. 24.
Resin molding composition. G. W. Whitehead. 2,407,943; Sept. 17.
Resin production. J. J. O'Neill. 2,392,497; Jan. 8.
Resin, Refining. E. D. Lee. 2,409,216; Oct. 15.
Resin, Rosin ester modified dicarboxylic acid-glycol. G. Spiller. 2,411,904; Dec. 3.
Resin, Shellac modified. M. J. Scott. 2,404,892; July 30.
Resin, Synthetic. M. J. Scott. 2,409,906; Oct. 22.
Resinate. H. M. Spurlin. 2,403,767; July 9.
Resinate. H. M. Spurlin. 2,404,255; July 16.
Resinous composition and producing the same. H. C. Woodruff. 2,409,332; Oct. 15.
Resinous composition for wire coatings and the like. A. O. Blades. 2,397,592; Apr. 2.
Resinous compositions. R. S. Daniels. 2,398,361; Apr. 16.
Resinous compositions. F. M. Murdock. 2,392,686; Jan. 8.
Resinous compositions and electrical conductors insulated therewith. H. Foster. 2,403,215; July 2.
Resinous compositions and making same. R. W. Auten and J. L. Rainey. 2,407,599; Sept. 10.
Resinous compositions and plasticizers therefor. C. C. Clark. 2,398,882; Apr. 23.
Resinous condensates, Water-soluble. W. L. Morgan. 2,408,332; Sept. 24.
Resinous condensation products. W. O. Kenyon and W. F. Fowler, Jr. 2,397,548; Apr. 2.
Resinous condensation products and molding compositions produced therefrom. F. J. W. Popham. 2,401,102; May 28.
Resinous material. H. L. Gerhart. 2,397,600; Apr. 2.
Resinous material. H. L. Gerhart. 2,398,889; Apr. 23.
Resinous material and preparing the same. F. W. Kressman and F. W. Kressman, Jr. 2,413,326; Dec. 31.
Resinous materials and production thereof. A. B. Hersberger. 2,395,739; Feb. 26.
Resinous materials, Production of. D. E. Badertscher, H. G. Berger, and R. B. Bishop. 2,406,339; Aug. 27.
Resinous reaction products of polyhydric alcohols and alpha-methylene aldehydes. H. S. Rothrock. 2,401,776; June 11.
Resins, Acrylic. H. T. Neumann. 2,406,558; Aug. 27.
Resins, Amination of amine-saccharide. S. Sussman. 2,392,105; Jan. 1.
Resins and adhesives, and making same, Synthetic. G. H. Miller. 2,397,194; Mar. 26.
Resins and making and using the same, Phenol-aldehyde. M. T. Harvey. 2,399,735; May 7.
Resins and manufacture thereof, Synthetic. P. D. Morton and J. F. Olin. 2,403,450; July 9.
Resins and preparing same, Ion exchange polyamine. J. W. Eastes. 2,402,384; June 18.
Resins and preparing the same, Polyamine. C. E. Adams. 2,411,141; Nov. 19.
Resins and production thereof, Cation exchange. J. R. Dudley. 2,408,615; Oct. 1.
Resins, Chlorinated. O. W. Cass. 2,408,608; Oct. 1.
Resins, Convertible alkyd. T. W. Evans and D. E. Adelson. 2,399,214; Apr. 30.
Resins from thiazoles, Preparation of synthetic. J. K. Simons. 2,396,894; Mar. 19.
Resins, Hard. F. P. Otto and O. M. Reiff. 2,394,560; Feb. 12.
Resins, Hardenable urea-aldehyde. R. R. Harris. 2,413,624; Dec. 31.
Resins made with lignin and heat reactive condensation products and preparing the same. M. T. Harvey. 2,404,840; July 30.
Resins, Making esterified fossil. K. H. Weber. 2,394,731; Feb. 12.
Resins, Making flame-resistant. H. J. Kauth. 2,396,575; Mar. 12.
Resins, Modified alkyd. R. K. Ller, G. H. Latham, and J. W. Robinson. 2,395,550; Feb. 26.
Resins, Modified type alkyd. H. L. Gerhart and L. M. Adams. 2,404,836; July 30.
Resins of high chlorine content. O. W. Cass. 2,408,609; Oct. 1.
Resins of vinyl type, Molding. W. S. Crowell and G. W. Birch. 2,403,172; July 2.
Resins, Plasticized polystyrene-type. F. J. Soday. 2,400,892; May 28.
Resins plasticized with high boiling aromatic oils, Polyacrylic and polymethacrylic. F. J. Soday. 2,413,259; Dec. 24.
Resins, Preparing alkyd. E. C. Haines. 2,396,698; Mar. 19.
Resins, Reduction of color in vinyl. W. M. Quattlebaum, Jr., and C. A. Noffsinger. 2,394,418; Feb. 5.
Resins resulting from polymerization of an isopropenyl ketone, Stabilization of. D. E. Adelson and H. Dannenberg. 2,407,051; Sept. 3.
Resins, Synthetic phenolic. C. H. Schuh. 2,411,557; Nov. 26.
Resistance and forming same, Woven-wire. E. M. Patterson. 2,407,326; Sept. 10.
Resistance and making same, Wire-wound. E. M. Patterson. 2,408,092; Sept. 24.
Resistance device for generating oscillations or reducing damping, Negative. P. K. Chatterjea and C. T. Scully. 2,406,804; Sept. 3.
Resistance device, Variable. M. J. Arvin. 2,401,037; May 28.
Resistance devices, Making wire-wound, card-type. E. M. Patterson. 2,408,093; Sept. 24.
Resistance element, Electrical. P. Robinson and S. O. Dorst. 2,405,449; Aug. 6.
Resistance element, Electrical. A. R. Wejnarth. 2,406,275; Aug. 20.
Resistance elements and the like, Electric. L. B. Pfeil. 2,400,255; May 14.
Resistance, Gas flow. G. E. Fredericks. 2,406,141; Aug. 20.
Resistance regulator. L. W. Thompson. 2,398,679; Apr. 16.
Resistance unit. E. W. Davis. 2,392,030; Jan. 1.
Resistance unit, Electrical. H. L. Coyne, J. J. Kuhn, and J. E. Ross. 2,408,046; Sept. 24.
Resistance unit, Embedded. I. W. Cox and L. D. Drugmand. 2,396,087; Mar. 5.
Resistance, Variable electrical. L. W. Miller. 2,406,503; Aug. 27.
Resisters, Age. A. F. Hardman. 2,410,783; Nov. 5.
Resistive device. F. H. Bullinger. 2,402,122; June 18.
Resistive device and making. C. J. Ganci. 2,413,043; Dec. 24.
Resistor. H. Christensen. 2,407,251; Sept. 10.
Resistor. G. W. Davis. 2,405,192; Aug. 6.
Resistor. N. Y. Priessman. 2,395,759; Feb. 26.
Resistor and making. K. L. Woodman. 2,394,130; Feb. 5.
Resistor and making same, Electrical. J. M. Zander. 2,398,686; Apr. 16.
Resistor construction. J. Marsten. 2,412,462; Dec. 10.
Resistor, Controllable. G. L. Pearson. 2,396,196; Mar. 5.
Resistor device. J. J. Kleimack and G. L. Pearson. 2,407,288; Sept. 10.
Resistor device. N. Y. Priessman. 2,394,479; Feb. 5.
Resistor, Fixed. L. E. McFarren. 2,407,171; Sept. 3.
Resistor, Shock proof electrical. E. F. Seaman. 2,397,568; Apr. 2.
Resistor, Temperature sensitive. F. G. Smith. 2,407,750; Sept. 17.
Resistor, Wire wound. D. R. Crosby and W. C. Kimmich. 2,397,408; Mar. 26.
Resistor, Wire wound electrical. H. E. S. McLellan. 2,398,587; Apr. 16.
Resistors for rubber, Age. A. F. Hardman. 2,411,427; Nov. 19.
Resistors, Making electrical. H. F. Fruth. 2,400,404; May 14.
Resolution of heterocyclic nitrogen compound mixtures. K. H. Engel. 2,404,167; July 16.
Resonator. B. Cassen. 2,400,976; May 28.
Resonator for discharge tubes. A. D. Blumlein. 2,403,782; July 9.
Resonator for musical instruments. R. Naujoks and W. Naujoks. 2,400,592; May 21.
Resonator for oscillators. D. H. Sloan. 2,404,542; July 23.
Resonator, Tunable. N. E. Lindenblad. 2,401,489; June 4.
Resonator, Variable cavity. J. C. Schelleng. 2,410,109; Oct. 29.
Resonators, Vacuum tube utilizing cavity. D. H. Sloan. 2,405,763; Aug. 13.
Respiration apparatus. A. M. Cahan. 2,391,877; Jan. 1.
Respirator dust filter. H. L. Shock, Jr. 2,395,298; Feb. 19.
Responsive device, Fixed temperature. F. C. Evans. 2,413,490; Dec. 31.
Responsive means for controlling internal-combustion engines, Detonation. P. J. Costa. 2,407,652; Sept. 17.
Responsive means, Viscosity. H. T. Booth. 2,400,910; May 28.
Responsive or indicating device, Impulse duration. O. T. Francis. 2,399,668; May 7.
Rest attachments for telephone instruments, Cushion. J. P. Bourdius. 2,408,194; Sept. 24.
Rest room for vehicles especially rail cars. J. Ledwinka and G. Trautvetter. 2,400,462; May 14.

Restrictor, Variable. J. D. Buchanan. 2,402,729; June 25.
Resuscitator. J. Kreiselman. 2,399,643; May 7.
Resuscitator insufflator aspirator. Le R. G. Fox. 2,408,136; Sept. 24.
Retainer for looms, Dot filling. R. M. Putnam. 2,398,597; Apr. 16.
Retainer, Hair. C. C. Holden. 2,393,376; Jan. 22.
Retainer, Threadless. W. Summerbell. 2,402,693; June 25.
Retainer, Tool. A. J. Calaman. 2,406,132; Aug. 20.
Retainer, Tool. M. O'Farrell. 2,400,206; May 14.
Retaining device. P. F. Early. 2,412,804; Dec. 17.
Retaining device. R. A. Goepfrich. 2,392,242; Jan. 1.
Retarded action electric switch. C. E. Phillimore. 2,392,183; Jan. 1.
Retarder. G. D. King and M. C. Dailey. 2,412,156; Dec. 3.
Retarder, Thermal. C. M. Osterheld. 2,392,498; Jan. 8.
Retarder, Thermal. C. M. Osterheld. 2,408,874; Oct. 8.
Retarding device, Hydraulic dashpot. J. H. Abbink-Spaink and A. Spencer. 2,403,321; July 2.
Reticle, Luminous. W. L. Douden. 2,392,979; Jan. 15.
Reticle, Optical. B. Stechbart. 2,393,832; Jan. 29.
Reticles, Making. E. C. Bierman. 2,413,600; Dec. 31.
Retort. H. S. Phillipson. 2,398,446; Apr. 16.
Retort and hearth for stokers, Combination. T. C. Cheasley. 2,392,460; Jan. 8.
Retort type oil burner. E. J. Ashby. 2,409,095; Oct. 8.
Retouching apparatus. E. L. Johnson. 2,404,134; July 16.
Retractable landing gear. L. H. Height. 2,405,651; Aug. 13.
Retractable landing gear. J. G. Villepigue. 2,403,835; July 9.
Retractable landing gear. E. G. Ward. 2,392,892; Jan. 15.
Retreading device, Tire. H. V. James. 2,411,687; Nov. 26.
Retreading, Tire. F. H. Taber. 2,405,802; Aug. 13.
Retting method. T. Earle. 2,407,227; Sept. 10.
Reusable collapsible liquid carrying and dispensing, Container. H. F. Waters. 2,412,544; Dec. 10.
Reverberatory furnace. T. Crncich. 2,398,622; Apr. 16.
Reverser for cameras, Image. W. C. Huebner. 2,408,855; Oct. 8.
Reversible and variable-speed mechanism. H. J. Willmott. 2,410,915; Nov. 12.
Reversible bobbin receiving bag. W. H. Wakefield. 2,411,947; Dec. 3.
Reversible close quarter drill. L. F. Meunier. 2,392,097; Jan. 1.
Reversible clutch. T. S. Briskin, J. C. Zivny, A. E. Schellschmidt, and J. J. Gotlick. 2,408,506; Oct. 1.
Reversible clutch. L. P. Crosman. 2,394,429; Feb. 5.
Reversible fluid-operated and fluid-operating mechanism. R. J. L. Moineau. 2,409,688; Oct. 22.
Reversible garment construction. J. L. Kleinman. 2,412,988; Dec. 24.
Reversible releasable clutch. L. Spraragen. 2,406,644; Aug. 27.
Reversible single-phase capacitor motor. W. E. Mensies. 2,407,994; Sept. 24.
Reversible single phase motor. R. E. Mason. 2,406,430; Aug. 27.
Reversible wheel. C. J. Haag. 2,410,579; Nov. 5.
Reversing means, and transfer means, and yieldable pusher finger means in match book assembling mechanism, Combination. M. Spector. 2,413,659; Dec. 31.
Reversing mechanism for power operated drills. C. L. Conner. 2,409,738; Oct. 22.
Revivification apparatus, Char. R. S. Kent. 2,400,935; May 28.
Rewind device. P. Baia. 2,392,966; Jan. 15.
Rheostat. R. Abrahamson. 2,398,912; Apr. 23.
Rheostat. E. C. Ragatz. 2,402,773; June 25.
Rheostat and potentiometer, Multiple. R. J. Miller. 2,398,758; Apr. 16.
Ribbed dome hollow head valves, Manufacturing. T. R. Thoren and P. P. Johnson. 2,411,764; Nov. 26.
Ribbing conveyer. C. M. Savrda. 2,397,158; Mar. 26.
Ribs to umbrella covers, Attaching. D. Gershman. 2,413,617; Dec. 31.
Riboflavin and intermediates therefor, Synthesis of. J. Kamlet. 2,406,774; Sept. 3.
Riboflavin, Aqueous solution of. H. C. Miller. 2,395,378; Feb. 19.
Riboflavin concentrates, Preparation of. A. Leviton. 2,413,055; Dec. 24.
Riboflavin derivatives and preparing the same. G. J. Haas. 2,398,706; Apr. 16.
Riboflavin, Production of. H. O. Piersma. 2,400,710; May 21.
Ricer, Potato. O. V. Malmquist. 2,396,959; Mar. 19.
Riffler for cellulose stock. W. E. Henry. 2,394,378; Feb. 5.
Rifling. J. C. Garand. 2,397,544; Apr. 2.
Rig, Lumber or pipe carrying. N. F. Watkins. 2,399,304; Apr. 30.
Rig, Saw. H. W. Okeson. 2,400,595; May 21.
Rigging, Brake. W. A. Gantner. 2,402,389; June 18.
Rigging, Brake. W. F. Holin. 2,394,382; Feb. 5.
Rigging, Brush. R. W. Groot. 2,413,560; Dec. 31.
Rigging, Brush. W. J. Morrill. 2,399,935; May 7.
Rigging, Brush. E. N. Olson. 2,404,246; July 16.
Rigging for handling drums and barrels. E. W. Ashenden. 2,413,280; Dec. 31.
Rigging, Logging. J. A. Jensen. 2,396,790; Mar. 19.
Rigging, Railway draft. G. E. Dath. 2,403,582; July 9.
Rim, Separable. L. B. Russell, Jr. 2,409,901; Oct. 22.
Rim structure for wheels. E. Porter. 2,395,064; Feb. 19.
Ring: *See*—
Diaphragm-engaging ring.
Electronic counting ring.
Finger ring.
Flexible packing or sealing ring.
Lock ring.
Lubricated traveler ring.
Piston ring.
Piston rod packing retainer ring.
Reaction ring.
Sealing ring.
Segmental piston ring.
Spinning and twisting ring.
Twister ring.
Ring and assembly comprising the same, Sealing. J. M. W. Chamberlain. 2,396,491; Mar. 12.
Ring and the like, Key. L. Kuhnl. 2,410,951; Nov. 12.
Ring-angled aligning and assembling fastener bracket. R. W. McLaren. 2,399,053; Apr. 23.
Ring binder structure, Making. J. Schade. 2,399,062; Apr. 23.
Ring compounds, Synthesizing. C. B. Pollard and L. J. Kitchen. 2,400,022; May 7.
Ring for propellers, Thrust. B. J. Paulson. 2,396,340; Mar. 12.
Ring gauge. E. F. and G. Hohwart. 2,413,566; Dec. 31.
Ring manufacture, Split. C. M. Cummins. 2,410,204; Oct. 29.
Rings, Making piston. L. T. Barnes. 2,397,308; Mar. 26.
Rings, Oil. A. W. Morton. 2,398,030; Apr. 9.
Rink, Ice. F. J. Zamboni. 2,411,919; Dec. 3.
Rivet. H. J. Eklund. 2,392,133; Jan. 1.
Rivet. R. H. Gill. 2,409,352; Oct. 15.
Rivet. L. C. Huck. 2,397,111; Mar. 26.
Rivet. W. L. Keehn. 2,398,532; Apr. 16.
Rivet. S. Milone and C. W. Rothfeld. 2,405,897; Aug. 13.
Rivet. R. E. Nelson. 2,406,157; Aug. 20.
Rivet. L. E. Williams, Jr., and P. L. Smith. 2,410,398; Oct. 29.
Rivet assembling and bucking device. A. H. Haberstump. 2,398,304; Apr. 9.
Rivet, Compound. T. J. Moran. 2,392,491; Jan. 8.
Rivet feeding device. W. R. Kovacs. 2,397,872; Apr. 2.
Rivet, Plastic. H. Kearns. 2,402,287; June 18.
Rivet removing device. H. D. Rocheville. 2,409,589; Oct. 15.
Rivet, Self-setting tubular. H. J. Keating. 2,408,559; Oct. 1.
Rivet setting tool. J. Jensen. 2,400,354; May 14.
Rivet, Shear proof. O. J. Poupitch. 2,393,564; Jan. 22.
Riveted structure and making the same. L. C. Huck. Re. 22,792; Sept. 17.
Riveter. B. J. Yanchenko. 2,405,172; Aug. 6.
Riveter, Blind. C. W. Ginter. 2,404,051; July 16.
Riveter, Hot. W. F. Grimes. 2,405,033; July 30.
Riveter, Portable. W. Blair. 2,399,907; May 7.
Riveting. E. F. Hinkle and A. Stewart. 2,395,741; Feb. 26.
Riveting. P. B. Keller and D. Jelinek. 2,395,667; Feb. 26.
Riveting device. A. H. Haberstump. 2,396,649; Mar. 19.
Riveting machine. N. E. Swanson. 2,393,720; Jan. 29.
Riveting machine, Movable anvil. L. A. Ward and E. D. Taylor. 2,413,270; Dec. 24.
Riveting machines, Compensation for. W. Johndrew. 2,400,758; May 21.
Riveting or fastening mechanism. K. C. Bugg. 2,396,082; Mar. 5.
Riveting tool. P. Stone. 2,402,303; June 18.
Rivets, Method of and apparatus for making. C. R. Buchet. 2,395,722; Feb. 26.
Rivets, Process and apparatus for making hollow. J. H. Friedman. 2,396,995; Mar. 19.
Rivets, Setting. S. Milone and C. W. Rothfeld. 2,405,898; Aug. 13.
Road building machine. H. J. Seaman. 2,394,017; Feb. 5.
Road marking device. P. Blumberg. 2,396,981; Mar. 19.
Roaster, Peanut. J. Levine. 2,411,217; Nov. 19.
Rock drill. F. Parrott. 2,396,747; Mar. 19.
Rocket. C. D., A. J., and C. Schermuly. 2,409,904; Oct. 22.
Rocket apparatus. R. H. Goddard. 2,396,566; Mar. 12.
Rocket construction. R. Anzalone. 2,397,114; Mar. 26.
Rocket directing apparatus. R. H. Goddard. 2,395,809; Mar. 5.
Rocket firing tube. W. J. Turnbull and W. Buchal. 2,398,871; Apr. 23.
Rocket motor. A. L. Bowman and M. J. Bowman. 2,397,834; Apr. 2.
Rocket motor. W. B. Pope. 2,406,560; Aug. 27.
Rocket system, Two-stage. R. C. Truax, R. C. Stiff, Jr., W. Schubert, J. R. Patton, Jr., and R. Youngquist. 2,408,111; Sept. 24.
Rod: *See*—
Curling rod.
Oscillating welding rod.
Welding rod.
Rod and reel assembly, Fishing. J. M. Benson. 2,409,098; Oct. 8.

Rod centralizer, Firearm cleaning. C. W. Varcoe. 2,409,916; Oct. 22.
Rod charging machine. J. W. Garrow. 2,410,492; Nov. 5.
Rod clamp. A. H. Symons. 2,395,204; Feb. 19.
Rod-coasting machine and method. G. Harrison. 2,405,355; Aug. 6.
Rod coupling with zinc inserts, Sucker. J. F. Eaton. 2,392,033; Jan. 1.
Rod for cold permanent waving of hair, Curling. S. Grant. 2,395,965; Mar. 5.
Rod for permanent cold waving of hair, Curling. S. Grant. 2,396,782; Mar. 19.
Rod guide, Adjustable. R. P. Engman. 2,412,498; Dec. 10.
Rod handle and reel, Combination. O. A. Garr. 2,402,882; June 25.
Rodmill. K. Z. Huszár. 2,392,245; Jan. 1.
Rodmill. K. Z. Huszar. 2,394,453; Feb. 5.
Rod or fixture, Curtain. H. R. Ross. 2,402,507; June 18.
Rod to reel connection. P. Kay. 2,409,940; Oct. 22.
Rodent trap. T. G. McKeen. 2,404,856; July 30.
Roll and container therefor, Rotary cleaner. C. F. Slater. 2,401,842; June 11.
Roll, Automatic cut-off. G. F. Kingman. 2,396,104; Mar. 5.
Roll cleaner. A. F. Kalmar and G. E. Stilwell. 2,403,374; July 2.
Roll, Expander. J. D. Robertson. 2,393,191; Jan. 15.
Roll, Fireproof wiper. R. A. Larson. 2,413,146; Dec. 24.
Roll for paper making, Press. H. G. Specht. 2,395,915; Mar. 5.
Roll, Forming. P. P. M. Duboscard. 2,410,603; Nov. 5.
Roll forming and delivery apparatus, Sliver. G. S. Fraser. 2,413,042; Dec. 24.
Roll, Hair. W. Huppert. 2,407,011; Sept. 3.
Roll, Scoring. D. E. Kelley. 2,403,377; July 2.
Roll sealing machine, Strip. E. M. Klie. 2,395,125; Feb. 19.
Roll type die holder. E. Wild and H. C. Bitter. 2,409,409; Oct. 15.
Roll-up screen. J. L. Stableford. 2,395,303; Feb. 19.
Roll V block support. R. C. Squire. 2,406,514; Aug. 27.
Rollable type window screen. O. J. Hoffstead. 2,407,784; Sept. 17.
Rollable window screen. H. W. Thomas. 2,404,257; July 16.
Rolled tooth bar. A. W. Hunz. 2,397,965; Apr. 9.
Roller. L. B. Smith. 2,407,965; Sept. 17.
Roller arrangement for conducting electrical current. R. Trautschold. 2,409,600; Oct. 15.
Roller bearing. P. E. Province. 2,398,459; Apr. 16.
Roller bearing retainer. J. E. Lewis. 2,404,642; July 23.
Roller construction, Weatherproof. W. E. Saxe. 2,395,147; Feb. 19.
Roller for boat and the like, Dock. B. L. Berg and C. E. Watson. 2,405,810; Aug. 13.
Roller for ink distributions, Transfer. H. M. Barber. 2,404,159; July 16.
Roller for twister machines. C. H. Wethers. 2,407,730; Sept. 17.
Roller skate attachment. C. A. Whited. 2,405,000; July 30.
Roller skate structure. S. W. Blumm. 2,410,009; Oct. 29.
Roller skate wheel. C. M. Bierman. 2,392,633; Jan. 8.
Roller, Snubber. J. Bellezza, Jr. 2,410,419; Nov. 5.
Roller, Tamping. E. T. Small. 2,410,465; Nov. 5.
Rollers for lithographic, printing, and lacquering machines, Inking and lacquering. F. Fox. 2,393,097; Jan. 15.
Rolling device, Cigarette. L. G. Moss. 2,404,242; July 16.
Rolling machine. C. C. Grotnes. 2,395,324; Feb. 19.
Rolling machine, Cigarette. E. C. Gallup. 2,406,675; Aug. 27.
Rolling machine, Leather. H. N. Moore. 2,399,819; May 7.
Rolling mill. F. R. Hight, R. O. Greenshields, and F. J. Mueller. 2,406,219; Aug. 20.
Rolling mill. J. H. Jaecker and H. J. Findley. 2,394,183; Feb. 5.
Rolling motion generating gearing for grinding machines and testing apparatus for bevel wheels. A. Aeppli. 2,401,810; June 11.
Rolls, Producing. F. C. T. Daniels. 2,394,156; Feb. 5.
Rolls, Stretching. A. M. Saum. 2,413,073; Dec. 24.
Roly-poly device. F. M. and E. B. Hoover. 2,403,531; July 9.
Roof. M. R. Beasley. 2,411,771; Nov. 26.
Roof. A. Routt. 2,390,801; May 7.
Roof, composite. T. M. Dantz. 2,408,251; Sept. 24.
Roof construction. A. F. O'Connor. 2,393,401; Jan. 22.
Roof, Counterbalanced expansion. P. S. Graver. 2,411,262; Nov. 19.
Roof of colliery or other workings. Z. S. Beljl. 2,398,130; Apr. 9.
Roof, Panelled steel. J. S. Swann. 2,406,863; Sept. 3.
Roof structure, Railway car. J. S. Swann. 2,409,079; Oct. 8.
Roofing. V. A. Cardarelli, Sr. 2,408,292; Sept. 24.
Roofing. E. T. Parsons and H. W. Sawyer. 2,405,325; Aug. 6.
Roofing construction. O. Holm-Hansen. 2,412,401; Dec. 10.
Roofing fastener. H. C. Edwards. 2,402,318; June 18.
Roofing material. I. Supack. 2,404,994; July 30.
Roofing, Sheet metal. G. H. Huntington. 2,408,557; Oct. 1.
Roofs and walls, Unit for. S. Krajci. 2,400,357; May 14.
Roost for fowls. E. S. Kubat. 2,412,091; Dec. 3.
Root conveying and washing apparatus. G. M. Dexter. 2,393,596; Jan. 29.
Rooter for excavators. A. R. Askue. 2,397,521; Apr. 2.
Rope. R. F. Warren, Jr. 2,399,157; Apr. 23.
Rope. R. F. Warren, Jr. 2,400,181; May 14.
Rope. R. F. Warren, Jr. 2,403,317; July 2.
Rosin alkylation. D. Price. 2,392,945; Jan. 15.
Rosin and polymerized rosin ester, Stabilizing a polymerized. J. N. Borglin. 2,407,248; Sept. 10.
Rosin carbonates. J. N. Borglin. 2,404,213; July 16.
Rosin derivatives, Surface active. D. Price and E. L. May. 2,397,692; Apr. 2.
Rosin ester-drying oil varnish bases and making same, Modified. J. B. Rust. 2,398,670; Apr. 16.
Rosin esters and making same, Modified. J. B. Rust. 2,398,668-9; Apr. 16.
Rosin hydrocarbons, Preparing. N. L. Kalman. 2,413,052; Dec. 24.
Rosin treatment. L. Auer. 2,396,671; Mar. 19.
Rosin treatment. L. Auer. 2,406,338; Aug. 27.
Rosin, Treatment of. H. H. Zeiss. 2,394,416; Feb. 5.
Rosinates, Producing white sodium. A. A. Morton. 2,406,097; Aug. 20.
Rotameter. N. Brewer. 2,404,361; July 23.
Rotary belt loading machine. R. M. Freeman. 2,413,316; Dec. 31.
Rotary burner. W. M. Fulton. 2,395,733; Feb. 26.
Rotary cast cutter. B. L. Cryar. 2,406,744. Sept. 3.
Rotary combustion engine. E. W. Rich. 2,402,257; June 18.
Rotary combustion engine. E. W. Rich. 2,403,684; July 9.
Rotary compressor. S. Malke. 2,411,929; Dec. 3.
Rotary cutter. P. T. Bagne. 2,398,763; Apr. 23.
Rotary cutter. A. S. Fodor. 2,408,257; Sept. 24.
Rotary cutting tool. H. F. Bakewell. 2,400,187; May 14.
Rotary cutting tool. C. W. Metzger and P. R. Snetcher. 2,399,372; Apr. 30.
Rotary disk abrading tool. E. W. Hall. 2,413,346; Dec. 31.
Rotary drilling mud separator. D. R. Moore. 2,396,330; Mar. 12.
Rotary electric switch. G. J. Meuer and R. A. Millermaster. 2,395,572; Feb. 26.
Rotary engine. L. S., K. R., and F. L. Brown. 2,412,949; Dec. 24.
Rotary engine. S. Zorich. 2,392,211; Jan. 1.
Rotary forge furnace. W. M. Hepburn and W. O. Owen. 2,413,228; Dec. 24.
Rotary furnace. K. D. Hoke. 2,413,231; Dec. 24.
Rotary gate valve. H. G. Nash. 2,408,223; Sept. 24.
Rotary heat motor. G. W. Crise. Re. 22,774; July 30.
Rotary helical fluid unit. H. C. Heaton. 2,397,139; Mar. 26.
Rotary ice cream dispensing cabinet. A. H. Spader. 2,412,068; Dec. 3.
Rotary internal-combustion engine. L. Margolis. 2,409,141; Oct. 8.
Rotary ironer. N. Blankenship and T. N. Ness. 2,393,958; Feb. 5.
Rotary joint. F. Jacobson. 2,407,745; Sept. 17.
Rotary liquid meter. W. F. Berck. 2,395,714; Feb. 26.
Rotary loop taker for sewing machines (magnetic). C. E. Colegrove. 2,394,369; Feb. 5.
Rotary machine. J. C. Buckbee. 2,400,286; May 14.
Rotary mill. L. R. Gimenez. 2,397,346; Mar. 26.
Rotary printing press. C. S. Crafts and C. A. Harless. 2,413,174; Dec. 24.
Rotary printing press. H. J. Luehrs. 2,405,795; Aug. 13.
Rotary pump. E. Fowler. 2,397,098; Mar. 26.
Rotary pump. J. P. Johnson. 2,393,690; Jan. 29.
Rotary pump. D. H. Millard. 2,406,959; Sept. 3.
Rotary pump. E. Schmidt. 2,407,748; Sept. 17.
Rotary pump. D. Wittenberg. 2,403,572; July 9.
Rotary pump construction. F. A. Quiroz. 2,401,189; May 28.
Rotary selector switch. H. R. Warnke. 2,411,013; Nov. 12.
Rotary shutter drive. C. W. Carroll. 2,412,673; Dec. 17.
Rotary switch. G. H. Erb. 2,406,818; Sept. 3.
Rotary trowelling machine. G. E. Troxell. 2,394,274; Feb. 5.
Rotary valve. E. Dawson. 2,397,130; Mar. 26.
Rotary valve. J. J. De la Roza, Sr. 2,399,472; Apr. 30.
Rotary valve. C. W. Hall. 2,394,767; Feb. 12.
Rotary valve. C. W. Hall. 2,412,261; Dec. 10.
Rotary valve and lubricating mechanism therefor. J. P. Dunne. 2,412,448; Dec. 10.
Rotary weed puller. F. Hlack. 2,402,550; June 25.
Rotary well bore, Cleaner. K. A. Wright. 2,402,223; June 18.
Rotatable bus support clamp. I. F. Matthysse. 2,407,961; Sept. 17.
Rotatable structures, Means to turn. F. B. Lane. 2,404,639; July 23.
Rotating apparatus, Article. S. C. Hurley, Jr. 2,403,662; July 9.

Rotating means for airplane landing wheels. H. Travis. 2,408,706; Oct. 1.
Rotating members, Method and apparatus for balancing. E. W. Reynolds. 2,394,482; Feb. 5.
Rotator, Aircraft landing wheel. L. L. Westcamp. 2,408,963; Oct. 8.
Rotatory hearth furnace. W. Roth. 2,404,986; July 30.
Rotor. L. Rosen. 2,402,182; June 18.
Rotor. W. C. Washcoe. 2,407,695; Sept. 17.
Rotor. G. F. Wislicenus. 2,395,704; Feb. 26.
Rotor, Adjustable. I. I. Sikorsky. 2,402,349; June 18.
Rotor and making. W. H. Baselt and C. E. Tack. 2,410,195; Oct. 29.
Rotor assembly, Gyro. S. Bousky. 2,413,285; Dec. 31.
Rotor, Bladed. F. A. M. Heppner. 2,398,140; Apr. 9.
Rotor, Brake. C. E. Tack. 2,412,432; Dec. 10.
Rotor, Brake. R. Watts. 2,407,197; Sept. 3.
Rotor, Foldable. M. D. Buivid. 2,405,777; Aug. 13.
Rotor for centrifugal compressors and the like, High-speed. K. D. McMahon. 2,392,858; Jan. 15.
Rotor for elastic fluid mechanism. R. Birmann. 2,407,469; Sept. 10.
Rotor, Noninductive gyro. F. D. Braddon. 2,395,447; Feb. 26.
Roughness measuring means. B. A. Coss. 2,397,923; Apr. 9.
Roughness of metals, Quantitatively evaluating. H. K. Herschman. 2,402,926; June 25.
Round straightener. J. B. Sutton. 2,411,395; Nov. 19.
Roundabout. G. H. Pooler. 2,408,479; Oct. 1.
Router machines, Guard for. D. Salvatore. 2,399,707; May 7.
Routing of interoffice calls, Automatic alternate. H. H. Schroeppel. 2,397,887; Apr. 2.
Rowlock. H. V. Larsen. 2,405,659; Aug. 13.
Rubber adhesive, Water dispersed. H. N. Stephens. 2,411,905; Dec. 3.
Rubber adhesive, Water dispersed tacky. H. N. Stephens. 2,412,182; Dec. 3.
Rubber amines, Forming. F. C. Bersworth. 2,412,942; Dec. 24.
Rubber and its manufacture, Synthetic. A. Maximoff. 2,404,392; July 23.
Rubber and preparing same, Solvent- and freeze-resistant synthetic. A. H. Gleason. 2,412,214; Dec. 10.
Rubber and producing, Chlorinated. E. J. Schlenk. 2,401,194; May 28.
Rubber and rubber substitutes, Compounding material for. C. G. La Crosse. 2,409,437; Oct. 15.
Rubber article and apparatus for producing same, Hollow. D. C. Kempthorn. 2,405,149; Aug. 6.
Rubber articles, Making. M. Mooney, E. M. Grabbe, and G. G. Havens. 2,402,430; June 18.
Rubber base, Forming fibrous. G. C. Berryman. 2,395,987; Mar. 5.
Rubber by fermentation, Guayule. S. R. Hoover, P. J. Allen, and J. Naghski. 2,408,853; Oct. 8.
Rubber composition. F. J. Soday. 2,407,183; Sept. 3.
Rubber composition, Synthetic. D. V. Sarbach. 2,397,050; Mar. 19.
Rubber compositions. A. R. Davis. 2,397,409; Mar. 26.
Rubber compositions containing indanol esters. F. J. Soday. 2,411,943; Dec. 3.
Rubber, Compounding and vulcanization of synthetic. A. A. Somerville. 2,399,945–9; May 7.
Rubber, Compounding and vulcanization of synthetic. A. A. Somerville. 2,400,057; May 7.
Rubber derivative product. C. M. Carson. 2,413,432; Dec. 31.
Rubber from aqueous dispersions of rubber, Deposition of. H. W. Tausch. 2,401,027; May 28.
Rubber from fleshy plants, Recovering. R. K. Eskew and P. W. Edwards. 2,393,035; Jan. 15.
Rubber from metal, Removing. P. G. Gerndt and J. A. Hannum. 2,406,458; Aug. 27.
Rubber from plants of the genus cryptostegia, Extraction of. E. O. Reif and M. Trafton, Jr. 2,413,654; Dec. 31.
Rubber, Gassing. R. C. Bascom and D. Roberts. 2,412,072; Dec. 3.
Rubber goods, Making. B. Predmore. 2,407,768; Sept. 17.
Rubber hydrohalides, etc., Compounding. W. C. Calvert. 2,411,839–41; Nov. 26.
Rubber in cellular form, Manufacture of. G. M. Hamilton. 2,404,171; July 16.
Rubber insulation for metallic conductors. E. Klingler, O. Knapp, F. K. Leonberg, and M. Lutz. 2,395,785; Feb. 26.
Rubberlike composition. M. T. Harvey. 2,412,216; Dec. 10.
Rubberlike compositions and making the same, Tacky. R. R. Dreisbach, E. C. Britton, and W. J. Le Fevre. 2,407,953; Sept. 17.
Rubberlike material, Articles of. C. R. Peaker. 2,400,164; May 14.
Rubberlike materials, Preparing. B. M. Vanderbilt and R. F. Howe. 2,409,915; Oct. 22.
Rubber-like materials, Synthetic. W. Baird, B. J. Habgood, D. A. Harper, and J. A. Hendry. 2,397,399; Mar. 26.
Rubber-like materials, Vulcanization of. R. R. Olin and H. I. Cramer. 2,398,154; Apr. 9.
Rubberlike multipolymers. W. L. Semon. 2,395,017; Feb. 19.
Rubber-like multipolymers of butadiene hydrocarbons, vinylidene chloride and acrylic compounds. F. K. Schoenfeld. 2,394,406; Feb. 5.
Rubberlike polymeric substance and producing it. P. K. Frolich. 2,392,847; Jan. 15.
Rubberlike products. R. F. Bacon and R. Fanelli. 2,410,595; Nov. 5.
Rubber, Making high-pressure closed cell. H. Pfleumer. 2,395,293; Feb. 19.
Rubber on the windings of magnetizable cores, Deposition of. F. J. Sigmund and W. S. Hlavin. 2,400,576; May 21.
Rubber or rubber-like products, Manufacture of. J. Urmston. 2,394,122; Feb. 5.
Rubber, Organopolysulfide. I. H. Kinneberg and C. L. Thomas. 2,411,275–6; Nov. 19.
Rubber, Plasticizing. R. J. King and G. W. Thielcke. 2,411,884; Dec. 3.
Rubber, Preservation of. A. F. Hardman. 2,410,782; Nov. 5.
Rubber, Preserving. J. R. Vincent. 2,406,722; Aug. 27.
Rubber, Processed natural. W. F. Huppke. 2,410,661; Nov. 5.
Rubber product and making the same, Synthetic. T. A. Te Grotenhuis. 2,394,025; Feb. 5.
Rubber product and producing, Chlorinated. F. J. Bouchard. 2,401,133; May 28.
Rubber, Production of synthetic. I. L. Wolk and J. D. Upham. 2,396,907; Mar. 19.
Rubber products, Protecting. W. L. Rittschof and W. A. Proell. 2,392,881; Jan. 15.
Rubber reclaim. H. H. Thompson. 2,407,193; Sept. 3.
Rubber, Reclaiming. F. H. Cotton and P. A. Gibbons. 2,408,296; Sept. 24.
Rubber, Regeneration of waste. A. Johnston. 2,404,293; July 16.
Rubber, Regeneration of waste. A. Johnston. 2,406,297; Aug. 20.
Rubber scrap, Grinding of. T. M. Knowland. 2,412,586; Dec. 17.
Rubber seal aging testing apparatus and method. A. D. Swenson. 2,412,638; Dec. 17.
Rubber spring mounting. J. W. Heiney. 2,407,236; Sept. 10.
Rubber suspension, Treating. T. B. Counselman. 2,410,633; Nov. 5.
Rubber to metals, Adhering. H. W. Grinter and M. E. Gross. 2,399,019; Apr. 23.
Rubber to other surfaces, Bonding butyl. W. H. Hulswit, Jr., and H. C. Wiechman. 2,392,590; Jan. 8.
Rubber, Treatment of. P. Stamberger, R. K. Eskew, and R. S. Hanslick. 2,399,156; Apr. 23.
Rubber valve stems, Making inserts for. J. C. Crowley. 2,398,698; Apr. 16.
Rubber, Vulcanization of. W. H. Hill. 2,412,984–5; Dec. 24.
Rubber, Vulcanization of synthetic. W. E. Phillips. 2,396,967; Mar. 19.
Rubberless flexible compositions and processes. A. Pischel and H. F. Stowe. 2,393,222; Jan. 15.
Rubbers, Plasticized chlorinated. F. J. Soday. 2,402,189; June 18.
Rubbers, Production of synthetic. R. R. Dreisbach. 2,394,756; Feb. 12.
Rubbery copolymers of butadiene-1,3 hydrocarbons and alpha-methylene nitriles, Vulcanization. B. S. Garvey. 2,395,474; Feb. 19.
Rubbery materials to each other and product thereof, Adhering. D. V. Sarbach. 2,395,071; Feb. 19.
Rubbing machine. S. A. Crosby. 2,395,537; Feb. 26.
Rudder. J. Livingston. 2,392,165; Jan. 1.
Rudder control mechanism. J. F. Morse. 2,392,056; Jan. 1.
Rug. L. M. Mosseller. 2,409,580; Oct. 15.
Rug, Warp knitted pile. M. Newman. 2,396,525; Mar. 12.
Rule, Perforating. C. P. Mayhew. 2,401,310; June 4.
Rule, Slide. S. Lerner. 2,403,382; July 2.
Rule, Slide. A. L. Snedaker. 2,405,720; Aug. 13.
Rule with lock and closure, Flexible tape. F. O. Carlson. 2,410,713; Nov. 5.
Rules, Indicating parallel. H. F. Lenz. 2,394,619; Feb. 12.
Runway, Aircraft landing. C. R. Faben. 2,405,092; July 30.
Runway, Marble. G. B. Hatcher. 2,400,410; May 14.
Running board. H. E. Bartsch. 2,401,401; June 4.
Running gear. J. M. Hait and T. B. Keesling. 2,403,362; July 2.
Rust preventive composition. P. M. Ruedrich. 2,392,102; Jan. 1.
Rust preventive composition, Aqueous. C. N. White, M. L. Schwartz, and G. F. Roualt. 2,402,793; June 25.
Saccharide derivatives of the suprarenal cortical hormone series and making same, Stable, supersaturated solutions of. K. Miescher and C. Meystre. 2,411,631; Nov. 26.
Sack lifter. F. W. Rodgers and A. M. Palmer. 2,404,533; July 23.
Sacker, Potato. H. L. Keller. 2,407,017; Sept. 3.

Saddle, Stretcher pack. S. A. Nash-Boulden. 2,400,945; May 28.
Saddle, Suspension. F. W. Schwinn. 2,395,346; Feb. 19.
Sadiron, Electric. B. G. Olving. 2,403,115; July 2.
Safe screen support. J. Whalen. 2,408,714; Oct. 1.
Safes, Removable portability features for army field. S. R. Akers. 2,401,399; June 4.
Safety appliance. G. W. McKinstry. 2,407,891; Sept. 17.
Safety clip. R. E. Barber. 2,405,176; Aug. 6.
Safety clip. H. Silver. 2,398,160; Apr. 9.
Safety control. F. A. Stuhlman and C. O. Bruestle. 2,402,461; June 18.
Safety control apparatus for fuel burners. C. K. Strobel. 2,411,642; Nov. 26.
Safety control, Burner. D. E. Richardson and R. E. Yates. 2,410,524; Nov. 5.
Safety control for hoists. H. F. Vickers. 2,407,692; Sept. 17.
Safety control for hoists and circuits therefor. H. F. Vickers. 2,407,693; Sept. 17.
Safety control, Mechanism for power operated ordnance. J. C. Trotter. 2,409,406; Oct. 15.
Safety controls for gaseous fuel burners. C. K. Strobel. 2,397,704; Apr. 2.
Safety device. T. E. Lawless. 2,410,984; Nov. 12.
Safety device. S. M. Udale and W. R. Buick. 2,407,116; Sept. 3.
Safety device for boat hoists. A. R. Wilhelm. 2,404,153; July 16.
Safety device for dump trucks. A. D. L. Hutchinson. 2,407,012; Sept. 3.
Safety device for elevators. J. Dunlop and H. E. Hansen. 2,408,761; Oct. 8.
Safety device for fluid brake systems. V. L. Crawford. 2,410,202; Oct. 29.
Safety device for stranders. C. O. Bruestle. 2,406,530; Aug. 27.
Safety device, Gas. E. Fehr. 2,398,089; Apr. 9.
Safety device in screw hoisting blocks. P. E. Perman. 2,393,120; Jan. 15.
Safety gas valve. J. Hall. 2,396,324; Mar. 12.
Safety guard, Punch press. P. Anstedt. 2,407,527; Sept. 10.
Safety interlocking clothes hanger. A. Brill and W. Kneissler. 2,409,538; Oct. 15.
Safety key cabinet. C. I. Poulsen and H. F. Rose. 2,405,360; Aug. 6.
Safety lamp. J. D. Ceader. 2,400,916; May 28.
Safety live line electrical connector. T. O'Neil. 2,396,119; Mar. 5.
Safety locking device. G. E. Stewart. 2,397,516; Apr. 2.
Safety mechanism for brakes. I. W. Simpkins. 2,409,908; Oct. 22.
Safety mechanism for dye kettles and the like. J. H. Higginson and H. C. Riggs. 2,410,214; Oct. 29.
Safety pinpan lifter. T. Henrichsen. 2,410,655; Nov. 5.
Safety plug. S. T. Novak. 2,403,452; July 9.
Safety plug-in connector. C. A. Hasenwinkle. 2,408,556; Oct. 1.
Safety pocket lock. L. Schonthal. 2,408,688; Oct. 1.
Safety pressure relief valve. C. Stern. 2,392,009; Jan. 1.
Safety razor frame. G. E. Mignon. 2,402,116; June 11.
Safety switch. J. H. Diedring. 2,409,022; Oct. 8.
Safety valve. H. T. Sparrow. 2,393,427; Jan. 22.
Safety valve mechanism. T. F. Van Denberg and J. Selby. 2,412,235; Dec. 10.
Sailmaker's palm. H. G. Jackson. 2,411,880; Dec. 3.
Salicylate, Preparing normal lead. L. M. Kebrich. 2,410,977; Nov. 12.
Salidylaminide antifoggant. G. E. Fallesen and J. A. Leer-Makers. 2,393,763; Jan. 29.
Salt and making it, Drier metal. G. P. Mack and C. A. Klebsattel. 2,409,774; Oct. 22.
Salt and pepper shaker, Combination. L. S. Williams. 2,411,489; Nov. 19.
Salt brine, Production of. F. L. Bolton. 2,412,560; Dec. 17.
Salt dissolving apparatus. J. C. Drake. 2,395,258; Feb. 19.
Salt, Method of and apparatus for dissolving. E. Swartz. 2,412,106; Dec. 3.
Salt solutions containing arsenic inhibitors, Hygroscopic. A. M. Edmunds. 2,394,758; Feb. 12.
Salts and preparation thereof, Solid complex metal ammine. G. Jones and W. Juda. 2,406,692; Aug. 27.
Salts, Capillary active. V. E. Haury and S. A. Ballard. 2,402,495; June 18.
Salts, Coated hygroscopic. E. Fajans. 2,413,491; Dec. 31.
Salts, Lubricant containing alkyl piperidine. G. E. Barker. 2,412,956; Dec. 24.
Salts of dithiocarbamic acids, Preparation of heavy metal. A. M. Neal and B. M. Sturgis. 2,406,960; Sept. 3.
Salts of magnesium, Manufacture of water-soluble. H. Lundin. 2,394,863; Feb. 12.
Salts of p-aminobenzoic acid esters, Anaesthetic. D. Curtis. 2,395,538; Feb. 26.
Salts of polyhydroxy tertiary amines, Dicarboxylic. M. Senkus. 2,401,196; May 28.
Salts, Preparation of organic. A. G. Weber and C. H. Hamblet. 2,395,307; Feb. 19.
Salts, Purification of lanthanum. A. E. Ballard and L. E. Martinson. 2,394,586; Feb. 12.
Salts, Soluble amidine. G. Newbery and A. P. T. Easson. 2,394,003; Feb. 5.
Salts, Stable diazonium. W. H. von Glahn and W. L. Walsh. 2,402,106; June 11.
Salts, Sulphonium. E. C. Britton and J. N. Hansen. 2,402,016; June 11.
Salvage from fish viscera. I. A. Parfentjev. 2,406,249; Aug. 20.
Salvage unit, Fuel. E. V. Parker. 2,401,880; June 11.
Salvaging unit. W. M. Schramm. 2,397,210; Mar. 26.
Sampling apparatus. C. D. Cantrell, Jr. 2,406,192; Aug. 20.
Sampling device. K. L. Hertel. 2,404,708; July 23.
Sampling machine. P. J. Bauer. 2,405,486; Aug. 6.
Sampling machine, Random. G. V. Herrold. 2,405,951; Aug. 20.
Sandblast tool. C. E. Archer. 2,392,897; Jan. 15.
Sandblasting apparatus and the like. J. W. Rasmussen 2,399,385; Apr. 30.
Sand box closure means. M. P. Blomberg. 2,394,358; Feb. 5.
Sand expansion indicator. J. C. Thoresen and J. R. Hartley. 2,401,122; May 28.
Sandpaper holder. R. H. Smith. 2,404,105; July 16.
Sand slurry valve. R. L. Luce. 2,397,675; Apr. 2.
Sander. W. A. Baldwin. 2,409,728; Oct. 22.
Sander, Belt. B. Steinhilber. 2,407,939; Sept. 17.
Sander, Block. C. A. Hein. 2,400,928; May 28.
Sander, Hand. M. C. Lawrence. 2,413,147; Dec. 24.
Sander, Reed. J. E. Ray. 2,408,953; Oct. 8.
Sander, Track. L. E. Simmons. 2,413,387; Dec. 31.
Sanding block. E. A. Seward. 2,408,815; Oct. 8.
Sanding machine. J. Robinson, Jr. 2,405,328; Aug. 6.
Sands, Purification of industrial. A. T. Cole and J. B. Duke, and L. L. McMurray. 2,409,665; Oct. 22.
Sandal. D. D. Goldstein. 2,412,808; Dec. 17.
Sandwich cooky machine. R. O. Manspeaker. 2,394,795; Feb. 12.
Sandwich-making machine. B. A. Arvidson. 2,391,937; Jan. 1.
"Sandwich" material, Producing curved. C. H. Buchanan. 2,407,867; Sept. 17.
Sanitary food sheltering and eating plate device. M. Wolf. 2,395,084; Feb. 19.
Sanitary pipe cabinet. M. J. Joel. 2,401,161; May 28.
Sanitary pipe washer. O. E. Stone. 2,408,240; Sept. 24.
Sapogenin derivatives and preparation of same. R. E. Marker, H. M. Crooks, Jr., and E. L. Wittle. 2,395,337–40; Feb. 19.
Sapogenin oxidation products and preparing the same. R. E. Marker. 2,406,885; Sept. 3.
Sash, All-in-one window. A. Garsh. 2,402,620; June 25.
Sash, Auxiliary window. H. B. Green. 2,402,247; June 18.
Sash fastener. F. Mastrangelo. 2,396,520; Mar. 12.
Sash fastening. T. G. Prentice. 2,392,997; Jan. 15.
Sash, Multiple glass. C. M. Verhagen. 2,402,105; June 11.
Sash, stops and weather strip, Combination window. E. E. Buckner. 2,394,979; Feb. 19.
Sash structure. P. H. Kuyper. 2,400,009; May 7.
Sash, Window. J. G. Wilkin. 2,408,281; Sept. 24.
Saw. F. W. Clark. 2,399,541; Apr. 30.
Saw and try square, Combination hand. J. A. Mayer. 2,400,311; May 14.
Saw apparatus, Portable timber cutting. E. C. McLean. 2,407,028; Sept. 3.
Saw, Band. G. I. Lavoie. 2,394,789; Feb. 12.
Saw blade. G. J. Blum. 2,394,035; Feb. 5.
Saw blade holder. G. J. Blum. 2,394,034; Feb. 5.
Saw-blade tension in band-saw machines, Control of. H. F. Swenson. 2,395,237; Feb. 19.
Saw, Combination. E. K. Shoultz. 2,403,027; July 2.
Saw construction. H. E. Barber. 2,393,216; Jan. 15.
Saw device, Circular. P. Valentine. 2,410,467; Nov. 5.
Saw filing gauge. R. H. Deurmyer and C. G. Yocum. 2,407,736; Sept. 17.
Saw for cutting plaster casts, Power. F. E. and J. E. Hood. 2,399,677; May 7.
Saw, Gang rip. W. G. Norton. 2,399,822; May 7.
Saw handle. A. Davies and E. Smith. 2,411,028; Nov. 12.
Sawhorse. N. N. Beasley. 2,412,764; Dec. 17.
Sawhorse. J. Maclaskey. 2,396,737; Mar. 19.
Sawmill. H. G. Locke. 2,410,887; Nov. 12.
Saw, Mobile. J. C. Jaques. 2,411,624; Nov. 26.
Saw, Portable. J. C. Jaques. 2,411,623; Nov. 26.
Saw, Portable. J. C. Jaques. 2,412,704–5; Dec. 17.
Saw, Portable pulpwood. L. H. Mathis. 2,405,896; Aug. 13.
Saw set. E. F. Huffsmith. 2,409,760; Oct. 22.
Saw set. E. Platter. 2,409,311; Oct. 15.
Saw setting machine. A. Nadon. 2,396,597; Mar. 12.
Saw, table. F. M. Meredith. 2,396,961; Mar. 19.
Saw-tooth setting device. I. L. Church. 2,408,197; Sept. 24.
Saw-tooth voltage generator. J. W. Whiteley. 2,412,485; Dec. 10.
Saw-tooth wave generator. R. E. Moe. 2,412,064; Dec. 3.
Saw-tooth wave generator. E. W. Rosentreter. 2,412,063; Dec. 3.
Saw, Tree pruning. B. J. Schillinger. 2,399,393; Apr. 30.

Sawing machine, Metal. T. Hasegawa. 2,404,707; July 23.
Scabbard. J. Tyson. 2,399,522; Apr. 30.
Scaffold. T. G. Di Santi. 2,407,655; Sept. 17.
Scaffold. S. Zeno. 2,396,070; Mar. 5.
Scaffold bracket. C. W. Hushower. 2,406,078; Aug. 20.
Scaffold, Collapsible. W. E. Thorne. 2,398,604; Apr. 16.
Scaffold construction. J. H. Henderson. 2,399,436; Apr. 30.
Scaffold, Platform. H. B. Waltz. 2,394,221; Feb. 5.
Scaffold, Portable self-propelled. H. F. McClain. 2,398,949; Apr. 23.
Scaffold, Power-driven. R. N. Riblet. 2,396,127; Mar. 5.
Scaffold structure and the like. G. W. Causey. 2,397,241; Mar. 26.
Scaffolding device. S. Isakson. 2,413,569; Dec. 31.
Scale. D. A. Meeker and K. C. Allen. 2,408,942; Oct. 8.
Scale. E. V. Syrcher, G. B. McNair, and W. W. Crump. 2,394,820; Feb. 12.
Scale assembly, Dual-purpose. W. P. Clarkson. 2,394,983; Feb. 19.
Scale, Azimuth. R. E. Mullendore. 2,405,601; Aug. 13.
Scale, Batch. F. V. Werner. 2,410,138; Oct. 29.
Scale, Batching. A. J. Jerome. 2,398,643; Apr. 16.
Scale, Computing. O. Malcher. 2,397,970; Apr. 9.
Scale, Height measuring. L. M. Wheeler. 2,410,696; Nov. 5.
Scale, Hydraulic. B. D. Feld. 2,403,204; July 2.
Scale, Letter. R. M. Bowman. 2,413,166; Dec. 24.
Scale, Over and under. A. Goodman. 2,405,497; Aug. 6.
Scale-peptizing composition. S. A. Winkelmann and J. C. Wright. 2,411,074; Nov. 12.
Scale, Recording. L. C. Barnes and R. B. Holt. 2,404,562; July 23.
Scale remover and scale and corrosion preventer. U. J. Brown. 2,401,546; June 4.
Scale, Weighing. H. O. Hem. 2,410,653; Nov. 5.
Scale, Weighing. L. S. Williams. 2,410,139; Oct. 29.
Scanning apparatus. C. J. Young. 2,394,649; Feb. 12.
Scanning apparatus, Radio. R. F. Hays, Jr. 2,407,275; Sept. 10.
Scanning device. H. Langstroth and F. C. Wallace. 2,407,305; Sept. 10.
Scanning device. H. Langstroth and F. C. Wallace. 2,410,827; Nov. 12.
Scanning device. C. C. Lundy and H. Langstroth. 2,407,310; Sept. 10.
Scanning device. L. A. Maybarduk, W. W. Mieher, S. J. Zand, and G. E. White. 2,410,831; Nov. 12.
Scarf. G. W. Geissmann. 2,402,996; July 2.
Scarf-capuchin. A. Golfieri. 2,413,319; Dec. 31.
Scarf, Lady's. A. Golfieri. 2,413,318; Dec. 31.
Scavenge system for engines. A. Kalitinsky. 2,410,448; Nov. 5.
Scavenger, Crankcase. C. C. Randall. 2,406,103; Aug. 20.
Scavenging reversible internal-combustion engine. K. Froehlich. 2,394,237; Feb. 5.
Scissors, Curved edge. W. Bell. 2,400,220; May 14.
Scoop for carburetors, Air-inlet. E. S. Eckel. 2,395,997; Mar. 5.
Scoop, Pipe bore scraping. H. R. Crane. 2,402,314; June 18.
Scoops, Forming separable fastener. L. H. Morin. 2,403,789; July 9.
Scooter construction. W. W. Taylor. 2,413,530; Dec. 31.
Scooter, Water. A. E. Simons. 2,403,560; July 9.
Scoring device. C. A. Hathaway. 2,402,525; June 18.
Scoring mechanism. J. M. Seidel. 2,400,657; May 21.
Scouring and cleansing device. M. Levine. 2,395,054; Feb. 19.
Scrap metal baling press. G. W. Langford and A. C. Barrows. 2,413,054; Dec. 24.
Scrapping and salvaging machine, Tableware. F. T. Hilliker. 2,400,879; May 28.
Scraper. R. B. Bennett. 2,410,420; Nov. 5.
Scraper. H. C. French and N. V. Kuehlman. 2,406,826; Sept. 3.
Scraper. S. Keim and S. Bippus. 2,411,688; Nov. 26.
Scraper. W. Kusz. 2,400,760; May 21.
Scraper. R. G. Le Tourneau. Re. 22,783; Aug. 27.
Scraper. R. G. Le Tourneau. 2,406,300; Aug. 20.
Scraper. E. H. Lichtenberg. 2,395,334; Feb. 19.
Scraper. G. W. Mork. 2,408,806; Oct. 8.
Scraper. V. J. Olson. 2,402,976; July 2.
Scraper. A. Soldani. 2,392,273; Jan. 1.
Scraper, Carrying. M. A. Clark. 2,404,123; July 16.
Scraper on solder roll, Stationary. J. H. O'Neil 2,406,159; Aug. 20.
Scraper, Paraffin. I. T. Minyard. 2,397,679; Apr. 2.
Scraper, Pipe. W. Grocoff. 2,400,196; May 14.
Scraper, Road. E. Sladecek. 2,393,345; Jan. 22.
Scraper, Rotary. W. J. Kehl. 2,411,544; Nov. 26.
Scraper, Self-loading. E. H. Lichtenberg and P. S. Webster. 2,411,280; Nov. 19.
Scraper, Tube. H. J. Sievers. 2,395,019; Feb. 19.
Scraper, Two-wheeled cable operated rear dump. H. C. French. 2,404,482; July 23.
Scraper vehicle. F. B. Robb. 2,396,287; Mar. 12.
Scratch-resistant articles, Forming. W. E. Williams. 2,408,540; Oct. 1.
Scratching attachment for bottle washing machines, Label. M. Jamieson and L. Tremblay. 2,410,380; Oct. 29.
Screen: *See*—
Filter screen.
Frameless window screen.
Handy two-part folding screen.
Light screen.
Mud screen.
Portable projection screen.
Printing screen.
Roll-up screen.
Rollable type window screen.
Rollable window screen.
Sectional window screen.
Separable filter screen.
Stationary concave screen.
Well screen.
Screen. F. D. Parmenter. 2,402,340; June 18.
Screen assembly, Roll. H. E. Van Voorhees. 2,406,272; Aug. 20.
Screen equipment, Smoke. W. Sinton, F. P. Sherman, and G. A. Chadwick. 2,399,265; Apr. 30.
Screening apparatus. X-ray. N. G. Schonander. 2,407,938; Sept. 17.
Screening device for spark plugs. D. B. Browne, F. W. Clarke and R. H. G. Painter. 2,409,732; Oct. 22.
Screening material. C. Dreyfus. 2,407,632; Sept. 17.
Screens, Beading projection. J. H. Owens. 2,404,454; July 23.
Screens, Production of smoke. H. A. Levey and A. C. Patterson. 2,396,710; Mar. 19.
Screw. A. Gerhold. 2,403,359; July 2.
Screw. J. D. Givnan. 2,395,476; Feb. 26.
Screw. H. F. Phillips. 2,402,342; June 18.
Screw and nut fastening. C. J. Whitcombe. 2,413,669; Dec. 31.
Screw caps, Method and apparatus for forming. L. G. Zesbaugh. 2,395,209; Feb. 19.
Screw conveyer. T. G. Soma. 2,393,572; Jan. 22.
Screw device, Antifriction. H. S. Hoffar. 2,398,789; Apr. 23.
Screw-down control system. D. E. Garr. 2,410,283; Oct. 29.
Screw driver. S. Bloomfield. 2,405,130; Aug. 6.
Screw driver. F. L. Darling. 2,396,040; Mar. 5.
Screw driver. E. C. Hartley. 2,410,971; Nov. 12.
Screw driver. J. B. Jeni. 2,406,149; Aug. 20.
Screw driver. C. A. Schriner. 2,408,887; Oct. 8.
Screw driver construction. J. H. De Gray. 2,401,816; June 11.
Screw driver, Expansible jaw. S. Bloomfield. 2,404,427; July 23.
Screwdriver, Safety. A. M. Josepho. 2,406,952; Sept. 3.
Screw driver, Torque. W. Storrie. 2,394,022; Feb. 5.
Screw or threaded rod mounting. G. Murtagh. 2,410,299; Oct. 29.
Screw, Self-locking set. E. F. Allen. 2,398,070; Apr. 9.
Screw, Socket head. D. V. Stellin. 2,397,216; Mar. 26.
Screw, Swivel nose. C. E. Wyrick. 2,398,343; Apr. 9.
Screw-thread gauge. J. E. Wainwright and M. Jellis. 2,413,533; Dec. 31.
Screw-threaded member. W. T. Goodby. 2,407,741; Sept. 17.
Screw wheel apparatus, Rotary. A. Lysholm. 2,410,172; Oct. 29.
Screws, Adjusting pitch of. E. Seppeler. 2,392,556; Jan. 8.
Scriber. R. T. Connelly. 2,409,106; Oct. 8.
Scriber. L. J. Gordon. 2,400,407; May 14.
Scriber. A. E. Rawald. 2,394,404; Feb. 5.
Scriber attachment. D. C. Olson. 2,398,323; Apr. 9.
Scribing fixture. E. Hochreiter. 2,402,890; June 25.
Scrubber, stratifier, and screen for minerals, Combined vibratory. W. L. Zeigler and C. Y. Garber. 2,410,326; Oct. 29.
Seadrome, Submersible. E. R. Armstrong. 2,399,611; May 7.
Sea water foam suppression and apparatus. A. C. Redfield and A. C. Vine. 2,401,583; June 4.
Seal. G. L. Benson. 2,401,539; June 4.
Seal. N. Hoerts. 2,397,486; Apr. 2.
Seal. F. E. Payne. 2,403,298; July 2.
Seal. W. C. Pross. 2,392,998; Jan. 15.
Seal. J. E. Storer, Jr. 2,405,464; Aug. 6.
Seal. R. J. Vedovell. 2,395,359; Feb. 19.
Seal, Actuator. L. W. Leland. 2,409,288; Oct. 15.
Seal, Annular fluid. O. Brummer. 2,408,909; Oct. 8.
Seal assembly. J. R. Snyder. 2,392,198; Jan. 1.
Seal, Chain bearing. J. M. Hait. 2,411,207; Nov. 19.
Seal, Chain bearing. D. E. Keech. 2,411,214; Nov. 19.
Seal, Coaxial line. I. E. Mouromtseff and G. M. Dinnick. 2,394,398; Feb. 5.
Seal, Door. G. A. Smith. 2,405,460; Aug. 6.
Seal, Fluid. F. E. Brady, Jr. 2,395,095; Feb. 19.
Seal, Fluid. H. M. Dodge. 2,397,847; Apr. 2.
Seal for adjoining railroad cars, Dust. C. P. Nelson. 2,408,473; Oct. 1.
Seal for aircraft control rods. R. A. Wolf and H. L. Bowers. 2,413,671; Dec. 31.
Seal for annealing furnaces, Molten metal. F. Lepka. 2,401,170; May 28.
Seal for bearings. J. E. Shafer. 2,403,687; July 9.
Seal for electric lamps and similar devices. E. Kettlewell. 2,409,361; Oct. 15.
Seal for joints. D. Fergusson. 2,395,963; Mar. 5.
Seal for running shafts, J. J. King. 2,407,285; Sept. 10.
Seal for shafts and bearings, Spring loaded. T. R. Smith. 2,401,379; June 4.

Seal, Glass-to-metal. R. H. Dalton. 2,392,314; Jan. 8.
Seal, Insulating. S. H. Stupakoff. 2,402,927; June 25.
Seal lock. J. Rifkin. 2,411,115; Nov. 12.
Seal, Oil. H. C. Abell. 2,404,610; July 23.
Seal, Oven door. J. F. Hennessy and J. I. Thulander. 2,405,305; Aug. 6.
Seal, Piston. J. J. de la Roza, Sr. 2,392,123; Jan. 1.
Seal, Piston ring. G. E. Flinn. 2,402,033; June 11.
Seal, Pressure. N. A. Christensen. 2,394,364; Feb. 5.
Seal, Rotary. W. Gilbert, Sr. 2,398,783; Apr. 23.
Seal, Rotary. E. G. Halby and R. J. Bushong. 2,404,494; July 23.
Seal, Shaft. M. Caserta. 2,404,690; July 23.
Seal, Shaft. P. Endebak. 2,411,509; Nov. 26.
Seal, Shaft. O. Jacobsen. 2,408,314–15; Sept. 24.
Seal, Shaft. H. S. Pardee. 2,393,260; Jan. 22.
Seal, Shaft bearing. E. R. Zademach and W. W. Clarke. 2,409,922; Oct. 22.
Seal structure. J. H. Booth. 2,397,464; Apr. 2.
Seal surface. J. R. Snyder. 2,404,816; July 30.
Seal, Turbine. V. Cronstedt. 2,410,340; Oct. 29.
Sealed beam flashlight lamp. F. B. Dadisman. 2,402,375; June 18.
Sealed bearing lubricator. J. S. Pitisci. 2,396,124; Mar. 5.
Sealed flexible coupling. G. E. Franck. 2,405,822; Aug. 13.
Sealing and crimping machine. L. L. Salfisberg. 2,402,298; June 18.
Sealing and ejecting apparatus for mail treating machines. C. D. Ryan. 2,404,193; July 16.
Sealing and testing well head connections. R. N. Bean. 2,402,723; June 25.
Sealing apparatus. G. H. Fry and W. J. Beck. 2,395,387; Feb. 26.
Sealing cartons, Method and apparatus for. R. Guyer. 2,407,781; Sept. 17.
Sealing device. B. Gross and L. W. Cornwall. 2,396,005; Mar. 6.
Sealing device. A. G. Rayburn. 2,394,012; Feb. 5.
Sealing device, Fluid. K. A. Beier. 2,407,218; Sept. 10.
Sealing device, Fluid. R. Schilling. 2,399,764; May 7.
Sealing device for shafts and the like, Fluid. J. L. Hillman. 2,398,376; Apr. 16.
Sealing devices, Making. J. W. Hobbs. 2,406,686; Aug. 27.
Sealing machine, Ampoule, A. Pipping. 2,406,101; Aug. 20.
Sealing machine, Envelope. E. E. Gray. 2,394,302; Feb. 5.
Sealing machine, Knot. G. F. Nells. 2,392,827; Jan. 15.
Sealing material, Making puncture. E. Eger. 2,401,625; June 4.
Sealing means, Electrode. D. A. Rhoades and G. B. Scheer. 2,405,236; Aug. 6.
Sealing means for pistons subject to fluid pressure. J. H. Pratt. 2,411,229; Nov. 19.
Sealing means for pressure cookers, Cover. V. Zdansitis. 2,403,778; July 9.
Sealing means for soaking pit covers or the like. O. M. Fox and W. R. Boyer. 2,394,298; Feb. 5.
Sealing ring. H. M. Dodge. 2,395,107; Feb. 19.
Sealing structure. D. U. Hunter. 2,393,779; Jan. 29.
Sealing together two pieces of waterproof fabric, and the seam formed thereby. H. H. Haman and C. E. Whalen. 2,406,830; Sept. 3.
Sealing unit. H. H. Walley, Jr. 2,393,944; Jan. 29.
Sealing, Vacuum. C. Herzog and P. A. Hauck. 2,401,638; June 4.
Seals, Forming. C. A. Southwick, Jr., and A. F. Stagmeier. 2,405,675; Aug. 13.
Seals, Making hermetic. V. L. Ronci. 2,398,449; Apr. 16.
Seals of crystal holders, Testing the. W. B. R. Agnew. 2,412,192; Dec. 10.
Seam. A. E. Albin. 2,399,973; May 7.
Seam protecting devices for cloth shears. W. N. Hadley. 2,393,159; Jan. 15.
Seamer, Double. A. M. Cameron. 2,399,203; Apr. 30.
Seaming and pinking mechanism, Combined. M. Popper. 2,397,431; Mar. 26.
Seaming machine. L. Perry. 2,394,473; Feb. 5.
Sear mechanism. D. C. Reilly. 2,399,253; Apr. 30.
Searchlight, Dirigible. H. J. Sauer. 2,410,365; Oct. 29.
Seat: *See*—
Adjustable back seat.
Adjustable chair seat.
Adjustable seat.
Bicycle seat.
Chair seat.
Child's toilet seat.
Driver's seat.
Folding seat.
Folding vehicle seat.
Gun seat.
Gun turret seat.
Reclining seat.
Stool seat.
Toilet seat.
Seat. W. McArthur. 2,400,588; May 21.
Seat. E. Schmidt. 2,396,022; Mar. 5.
Seat. F. P. Silhan. 2,409,714; Oct. 22.
Seat base, Adjustable. L. E. Holm. 2,392,477; Jan. 8.
Seat construction. H. T. Bornheim. 2,411,125; Nov. 12.
Seat construction for vehicles, Swivelled and shock absorbing. W. A. Morse. 2,402,974; July 2.
Seat dressing tool. G. W. Barnes. 2,412,859; Dec. 17.
Seat for aircraft. H. C. Flint. 2,393,499; Jan. 22.
Seat for faucets, Valve. T. R. Smith. 2,403,028; July 2.
Seat for safety valve constructions. P. H. Gentzel. 2,398,370; Apr. 16.
Seat or the like, Saddle. G. E. O'Hearn. 2,397,286; Mar. 26.
Seat structure. G. W. Blair, J. F. Schott, and W. E. Faulk. 2,411,412; Nov. 19.
Seat support. J. P. De Rose. 2,407,771; Sept. 17.
Seat support. W. J. Kiefer. 2,413,455; Dec. 31.
Seat supporting structure, Aircraft. F. P. Dillon. 2,401,748; June 11.
Seat table. P. Brandwen. 2,397,528; Apr. 2.
Seater, Hydraulic key. T. S. Kline and G. K. Rogers. 2,392,536; Jan. 8.
Seating fixture, Removable and collapsible. A. B. Rogers, Sr. 2,409,316; Oct. 15.
Secondary multiplication power tube. A. A. Varela. 2,404,417; July 23.
Secrecy for telegraph circuits. J. A. Spencer. 2,397,057; Mar. 19.
Secrecy system. H. H. Beverage and R. E. Mathes. 2,405,991; Aug. 20.
Secrecy system, Teletypewriter. E. W. Bemis. 2,401,454; June 4.
Secrecy system, Teletypewriter. E. O. Gammell. 2,401,474–5; June 4.
Secrecy system, Teletypewriter. M. L. Greene. 2,401,477; June 4.
Secret communication system. S. D. Ellenberger. 2,410,276; Oct. 29.
Secret fastener. F. D. Welch. 2,398,984; Apr. 23.
Secret intelligence, Transmitting. C. Pecher. 2,407,381; Sept. 10.
Secret signaling. G. Guanella. 2,405,500; Aug. 6.
Secret signaling, Method and apparatus for. R. Lorenzen and F. Spiegel. 2,407,308; Sept. 10.
Sectional container. H. S. Young. 2,412,024; Dec. 3.
Sectional thermos food container. E. C. Smith. 2,405,764; Aug. 13.
Sectional window screen. H. F. Dion. 2,396,560; Mar. 12.
Securing device. P. B. Keller and D. Jelinek. 2,396,661; Mar. 19.
Securing device. P. B. Keller and D. Jelinek. 2,397,076; Mar. 19.
Securing means, Rug. C. R. Clark. 2,410,479; Nov. 5.
Securing pin. W. F. Simpson. 2,401,976; June 11.
Seed and plant beds, Cover for. R. C. Whitman. 2,401,997; June 11.
Seed aspirator feeder and classifier. M. Schiebendreina 2,411,812; Nov. 26.
Segmental piston ring. V. F. Zabodiakin. 2,398,270; Apr. 9.
Segregator, Automatic water. D. Samiran. 2,402,670; June 25.
Seismic apparatus and method. O. S. Petty. 2,408,478; Oct. 1.
Seismic exploration system. H. Hoover, Jr. 2,395,481; Feb. 26.
Seismic prospecting, Method and apparatus for. J. Neufeld. 2,395,289; Feb. 19.
Seismic surveying. O. S. Petty. 2,395,427; Feb. 26.
Seismic waves, Method and apparatus for recording. J. P. Minton and R. A. Broding. 2,392,758; Jan. 8.
Seismometer. S. A. Scherbatskoy. 2,411,117; Nov. 12.
Selecting apparatus for remote-control systems. L. V. Lewis. 2,409,698; Oct. 22.
Selecting device. D. G. Nelson. 2,394,200; Feb. 5.
Selecting mechanism. J. A. Spencer and L. F. Reinhold. 2,406,044; Aug. 20.
Selective carburizing. P. H. Kramer. 2,399,551; Apr. 30.
Selective fading distortion, Reduction of. W. L. Carlson. 2,413,543; Dec. 31.
Selective signal receiving circuit. B. J. Henderson. 2,411,091; Nov. 12.
Selective system for gunfire control. A. P. Davis and J. K. Macomber. 2,410,638; Nov. 5.
Selectivity by phase quadrature using triple selectivity circuits. J. H. Hammond, Jr., and E. S. Purington. 2,404,062; July 16.
Selector. L. F. Reinhold and J. A. Spencer. 2,404,814; July 30.
Selector and container, Key. O. Seely. 2,411,168; Nov. 19.
Selector and recorder, Menu. F. L. Folis. 2,407,411; Sept. 10.
Selector circuit. C. H. Smith, Jr., and M. L. Kuder. 2,409,229; Oct. 15.
Selector device for sludge digestion tanks, Supernatant. W. M. Platt. 2,409,585; Oct. 15.
Selector mechanism, Start-stop receiving. W. T. Rea and J. R. Wilkerson. 2,400,574; May 21.
Selenium and tellurium compounds, Organic. G. H. Denison, Jr., and P. C. Condit. 2,398,414; Apr. 16.
Selenium coated base plates, Coating. C. E. Peters. 2,412,692; Dec. 17.
Selenium coated elements and making them. A. von Hippel. 2,408,116; Sept. 24.
Selenium dioxide, Making. C. W. Clark and E. M. Elkin. 2,406,666; Aug. 27.
Selenium element. R. B. Speed. 2,411,560; Nov. 26.
Selenium elements. P. R. Kallmeyer, Jr. 2,392,744; Jan. 8.

Selenium elements, Making. M. F. Skinker. 2,393,938; Jan. 29.
Selenium, Producing elemental. A. J. Phillips, Y. E. Lebedeff, and J. R. Crandall. 2,413,374; Dec. 31.
Selenium, Producing pure. C. W. Clark, E. M. Elkin, and G. R. Waitkins. 2,409,835; Oct. 22.
Self-acting friction clutch. C. Springhorn. 2,401,981; June 11.
Self-adapting and adjusting depth gauge. W. W. Reeser. 2,400,371; May 14.
Self-adjusting electrode support. C. H. Bachman. 2,400,332; May 14.
Self-adjusting fracture reducing device. M. G. Hardinge. 2,397,545; Apr. 2.
Self-aligning contact. F. W. Curtis. 2,397,246; Mar. 26.
Self-cooling wheel. R. L. Levy. 2,406,303; Aug. 20.
Self-feeder for hay balers. W. E. Smith. 2,394,336; Feb. 5.
Self-latching electric plug. L. Frank. 2,408,551; Oct. 1.
Self-levelling oil burner. O. Fortis. 2,394,677; Feb. 12.
Self loading vehicle. E. Craig. 2,392,025; Jan. 1.
Self-locking shaft lock. R. F. Stallman. 2,397,703; Apr. 2.
Self-priming centrifugal pump. A. J. Nelson. 2,400,434; May 14.
Self-priming pump. H. E. La Bour. 2,405,836; Aug. 13.
Self-propelled vehicle. W. Reed. 2,396,881; Mar. 19.
Self-releasing tool holder. G. H. Cote. 2,392,809; Jan. 15.
Self-sealing gasoline tank. H. P. Wagner. 2,403,836; July 9.
Self-sealing tank. K. J. Kopplin. 2,395,556; Feb. 26.
Self-sealing tank. D. Roberts. 2,407,515; Sept. 10.
Self-sealing valved coupling. H. C. Krone and W. Meyer. 2,413,571; Dec. 31.
Self-stoking water heater. R. C. Cross. 2,396,252; Mar. 12.
Self-synchronous transmission systems, Apparatus and method for testing. W. W. Willard. 2,402,108; June 11.
Selvage for rayon fabrics. G. F. Womble. 2,400,327; May 14.
Semi-conducting composition. D. E. Edgar and D. J. Sullivan. 2,408,416; Oct. 1.
Semiconducting composition. W. W. Pendleton and L. E. Frost. 2,409,893; Oct. 22.
Semiconducting composition and tape produced therefrom. H. H. Barker, L. H. Hill, and L. J. Berberich. 2,399,314; Apr. 30.
Semitrailer attachment and support. J. J. Black. 2,393,016; Jan. 15.
Sending and receiving apparatus. E. E. Turner, Jr. 2,407,328; Sept. 10.
Sending unit, Pressure. H. F. Malone. 2,399,129; Apr. 23.
Sensing mechanism. W. Leathers. 2,395,557; Feb. 26.
Sensitive drill press. W. M. Davis. 2,396,642; Mar. 19.
Sensitive switch control apparatus. C. J. Crane. 2,412,206; Dec. 10.
Sensitometer. H. W. Morrcall, Jr. 2,406,702; Aug. 27.
Separable fastener. M. Winterhalter. 2,397,331; Mar. 26.
Separable filter screen. G. J. Klopfenstein. 2,392,537; Jan. 8.
Separable members. E. Morehouse. 2,406,026; Aug. 20.
Separating and delivery means, Material. F. O. Trump. 2,401,203; May 28.
Separating and feeding mechanism, Sheet. W. Pechy. 2,392,403; Jan. 8.
Separating apparatus. C. B. Schneible. 2,406,441; Aug. 27.
Separating immiscible fluids, Method and apparatus for. J. M. Walker, Jr. 2,404,872; July 30.
Separating minerals by flotation. L. T. Monson and O. C. Shepard. 2,395,639; Feb. 26.
Separating monomeric diolefins from mixtures of relatively low boiling diolefin and mono-olefin monomers. W. W. Vary. 2,398,930; Apr. 23.
Separating tall oil into fractions by treatment with levulinic acid ester. K. D. Longley. 2,409,137; Oct. 8.
Separation apparatus, Liquid solids. E. A. Packard. 2,406,248; Aug. 20.
Separation of homologues of pyridine. W. L. Glowacki and C. F. Winans. 2,402,158; June 18.
Separator: *See—*

Bust separator.	Multiple stage cyclonic separator.
Centrifugal separator.	Oil separator.
Coin separator.	Plug separator.
Cream separator.	Rotary drilling mud separator.
Dust separator.	Water separator.
Entrainment separator.	
Fluid separator.	
Magnetic separator.	

Separator. R. W. Haase. 2,409,625; Oct. 22.
Separator. O. P. Warner. 2,399,842; May 7.
Separator and method in separating wort from mash, Wort and mash. R. C. Schock. 2,399,710; May 7.
Separator and method, Sheet. J. R. Perry. 2,402,442; June 18.
Separator apparatus, Liquid. A. Lawson and C. M. Young. 2,405,838; Aug. 13.
Separator for boiler blow-off products. L. F. Wilson and E. A. Preston. 2,404,263; July 16.
Separator for dust or other solid impurities. A. E. Nilsson. 2,396,526; Mar. 12.
Separator for elastic fluid turbines, Liquid. E. D. Dickinson. 2,392,126; Jan. 1.
Separator for removing air or water mixed with hydrocarbons, comprising a cartridge containing a wadding of wooden shavings, Air and water. E. G. Spangler. 2,412,841; Dec. 17.
Separator tank. D. A. Miller. 2,393,498; Jan. 22.
Septic tank. D. Torricelli. 2,412,785; Dec. 17.
Series spark gap device. E. G. F. Arnott and C. E. Dawley. 2,411,241; Nov. 19.
Server, Buffet. D. Birkin. 2,411,864; Dec. 3.
Service ribbon bar. C. S. and C. R. Coulter. 2,396,160; Mar. 5.
Service set, Bed. T. D. Crane. 2,408,550; Oct. 1.
Servicing equipment, Bearing. W. H. Smith. 2,408,958; Oct. 8.
Serving machine, Strip. T. H. Krueger. Re. 22,732–3; Mar. 19.
Serving machine, Strip. T. H. Krueger. 2,405,790; Aug. 13.
Serving system, Drive-in. A. W. Deiucchi. 2,405,294; Aug. 6.
Servo assisted means for controlling the movement of road and like vehicles. S. H. Edge. 2,392,729; Jan. 8.
Servometer and control thereof. W. T. Stephens. 2,406,173; Aug. 20.
Servo-motor. F. J. Better. 2,394,655; Feb. 12.
Servomotor. T. Simpson. 2,401,197; May 28.
Servomotor and control. J. E. Whitfield. 2,404,262; July 16.
Servo-motor device, Liquid pressure. L. C. Chouings. 2,410,269; Oct. 29.
Servo-motor, Fluid pressure operated. S. R. Kassouf. 2,398,229; Apr. 9.
Servo system. G. de Westfelt. 2,411,871; Dec. 3.
Servo system, Electrical. E. W. Kellogg. 2,410,289; Oct. 29.
Set back and centrifugal switch. J. W. Busacker. 2,398,734; Apr. 16.
Set, Master. L. A. Watkins. 2,398,982; Apr. 23.
Setscrew. G. A., G. A., Jr., H., and L. Moore. 2,408,267; Sept. 24.
Setting and releasing tool. R. G. Taylor, Jr., and D. B. Hooser. 2,409,811; Oct. 22.
Setting device on mechanical and electrical measuring instruments. P. Hildebrand and A. Metz. 2,407,154; Sept. 3.
Setting, jointing, and filing device, Chain saw. R. H. Wilson. 2,392,563; Jan. 8.
Setting machine, Fastener. J. P. Treciokas. 2,406,516; Aug. 27.
Settling method and apparatus. L. H. Logue. 2,402,649; June 25.
7,8-Dimethyl Tocol and preparation of same. P. Karrer and O. Isler. 2,411,970; Dec. 3.
17-acetyl-17-hydroxy- perhydrocyclopentenophenanthrenes, anils, and oximes thereof and preparing them. H. E. Stavely. 2,411,172; Nov. 19.
Severing apparatus, Billet. G. C. Ehemann, Jr. 2,405,945; Aug. 20.
Severing grid strips into predetermined grid lengths, Method and apparatus for. G. L. Whipple. 2,392,870; Jan. 15.
Severing method and mechanism, Molten glass. W. C. Weber. 2,401,994; June 11.
Severing tool. A. B. Nesbitt and S. Webb. 2,410,355; Oct. 29.
Sewage, Method of and apparatus for treating. A. C. Durdin, III. 2,404,223; July 16.
Sewage treatment. J. D. Walker. 2,394,413; Feb. 5.
Sewer pipe joint. E. M. Davids. 2,401,554; June 4.
Sewing and darning machine, Convertible. R. K. Hohmann and E. D. Boisselier. 2,409,758; Oct. 22.
Sewing and knitting cabinet. E. P. Schreyer. 2,398,256; Apr. 9.
Sewing and roughening machine. J. R. Oliver. 2,397,619; Apr. 2.
Sewing appliance. F. S. Kralovic. 2,412,891; Dec. 17.
Sewing machine. F. Ashworth. 2,399,159; Apr. 30.
Sewing machine. J. G. Attwood. 2,395,653; Feb. 26.
Sewing machine. S. W. Avis. 2,405,871; Aug. 13.
Sewing machine. H. Boothroyd. 2,411,499; Nov. 26.
Sewing machine. A. B. Clayton. 2,394,510; Feb. 5.
Sewing machine. N. E. Colegrove. 2,398,697; Apr. 16.
Sewing machine. W. Dlezel. 2,392,728; Jan. 8.
Sewing machine. I. M. A. Garcia. 2,407,148; Sept. 3.
Sewing machine. O. R. Haas. 2,394,171; Feb. 5.
Sewing machine. H. J. Le Vesconte. 2,398,652; Apr. 16.
Sewing machine. H. J. Le Vesconte and M. L. Cook. 2,412,894; Dec. 17.
Sewing machine. J. Nachman. 2,407,342; Sept. 10.
Sewing machine. J. H. Pikul. 2,410,679; Nov. 5.
Sewing machine. J. H. Pikul. 2,411,977; Dec. 3.
Sewing machine. E. Polimac. 2,395,579; Feb. 26.
Sewing machine. C. F. Rubel. 2,400,602; May 21.
Sewing machine. C. F. Rubel and A. M. Schweda. 2,398,667; Apr. 16.
Sewing machine. G. Sauer. 2,400,212; May 14.
Sewing machine. G. Sauer. 2,404,318; July 16.
Sewing machine. G. Sauer, A. M. Schweda, and C. C. Smith. 2,393,815; Jan. 29.

Sewing-machine accessory. J. W. and J. P. Murphy. 2,413,064; Dec. 24.
Sewing machine arm. C. E. Colegrove. Re. 22,822; Dec. 24.
Sewing machine attachment. C. W. Martin. 2,408,025; Sept. 24.
Sewing machine, Buttonhole. A. R. Wood. 2,411,493; Nov. 19.
Sewing machine frame. K. Perkins. 2,411,459; Nov. 19.
Sewing machine, Moccasin. W. A. Crawford. 2,408,738; Oct. 8.
Sewing machine, Overcasting. A. Sardu. 2,409,592; Oct. 15.
Sewing machine, Shoe. C. W. Baker. 2,410,859; Nov. 12.
Sewing machine, Shoe. R. M. Baumgartner and J. K. Smith. 2,392,304; Jan. 8.
Sewing machine, Shoe. K. A. Stritter. 2,398,475; Apr. 16.
Sewing machine, Table board supported. F. Gegauf. 2,398,931; Apr. 23.
Sextant, Universal. A. L. Chauvet. 2,411,870; Dec. 3.
Sextants and the like, Horizontal reference means for. T. L. Thurlow. 2,395,921; Mar. 5.
Shackle, Bomb releasing. R. I. Markey. 2,409,575; Oct. 15.
Shackle, Poultry. F. J. Bilek. 2,405,638; Aug. 13.
Shade and making the same, Lamp. S. B. Bartha. 2,408,594; Oct. 1.
Shade attaching means, Window. F. J. Burns. 2,397,775; Apr. 2.
Shade construction, Window. A. L. Thexton. 2,396,542; Mar. 12.
Shade, Lamp. E. Krebeck. 2,392,324; Jan. 8.
Shade, Lamp. M. E. Morgenroth. 2,400,944; May 28.
Shade mounting. S. J. Blasco. 2,392,307; Jan. 8.
Shade or the like, Lamp. G. A. Bryant. 2,397,466; Apr. 2.
Shade roller bracket. H. F. Jeffs. 2,396,266; Mar. 12.
Shades and similar articles, Making lamp. J. H. Brown. 2,404,162; July 16.
Shaft and camshaft adaptation, Distributor. C. W. Wilkinson. 2,404,017; July 16.
Shaft bearing. D. Firth. 2,405,122; Aug. 6.
Shaft brake. A. O. Williams. 2,395,207; Feb. 19.
Shaft cooling. R. S. Buck and A. Kalitinsky. 2,395,097; Feb. 19.
Shaft locking device. J. E. Gall. 2,409,204; Oct. 15.
Shaft motion for hand looms, Heald. P. Florjancic and E. Boral. 2,405,782; Aug. 13.
Shaft positioning apparatus. R. W. May. 2,396,714; Mar. 19.
Shaft restraining device. F. M. Lewis. 2,395,888; Mar. 5.
Shaft seal. O. Jacobsen. 2,409,125; Oct. 8.
Shaft seal. R. Wool. 2,395,705; Feb. 26.
Shaft, Torque. D. W. Schaeffer. 2,394,490; Feb. 5.
Shaft torsion measuring means. E. J. Martin, C. E. Grinstead, and R. N. Frawley. 2,409,876; Oct. 22.
Shaft, Two stage propeller. H. O. Schjolin. 2,394,405; Feb. 5.
Shafts, Seal for. S. S. Roberts. 2,401,108; May 28.
Shaker, Salt and pepper. O. H. Crowell. 2,395,613; Feb. 26.
Shale distillation. F. H. Blanding. 2,396,036; Mar. 5.
Shank stiffener. N. Rosenthal. 2,403,950; July 16.
Shaped articles, Forming. M. Sadnik. 2,405,528; Aug. 6.
Shaped articles, Obtaining. M. M. Brubaker and W. E. Hanford. 2,400,099; May 14.
Shaped structures from proteins, Production of. F. K. Watson. 2,399,084; Apr. 23.
Shaping a solid body against another body, Method in. N. G. Elfstrom. 2,398,364; Apr. 16.
Shaping of glass tubes. H. H. Snyder. 2,394,115; Feb. 5.
Sharpener, Bit. A. Crot. 2,408,916; Oct. 8.
Sharpener, Blade. W. Struve. 2,392,784; Jan. 8.
Sharpener, Chain saw. A. R. Lofstrand, Jr. 2,410,828; Nov. 12.
Sharpener for beveled-edge tools. V. L. Rose. 2,398,560; Apr. 16.
Sharpener for lawn mowers, Blade. F. B. Herbert. 2,399,437; Apr. 30.
Sharpener, Knife. J. L. Barnes. 2,404,025; July 16.
Sharpener, Knife. E. E. Case. 2,413,169; Dec. 24.
Sharpener, Knife. R. B. Lambert. 2,398,711; Apr. 16.
Sharpener, Knife. J. Urban. 2,406,519; Aug. 27.
Sharpener, Knife and scissor. J. M. Miller. 2,406,094; Aug. 20.
Sharpener, Lawn mower. R. T. Burrows. 2,410,566; Nov. 5.
Sharpener, Lawn mower. O. Herwick and T. M. Taylor. 2,407,783; Sept. 17.
Sharpener, Lawn mower. R. P. Pedersen. 2,406,162; Aug. 20.
Sharpener, Pencil. R. B. Fleming. 2,408,767; Oct. 8.
Sharpener, Razor blade. C. P. Martin. 2,393,791; Jan. 29.
Sharpener, Razor blade. R. I. and H. C. Schauble. 2,398,255; Apr. 9.
Sharpener, Safety razor blade. R. G. Bryan. 2,392,640; Jan. 8.
Sharpener, Skate. W. H. Talbert. 2,398,566; Apr. 16.
Sharpener, Twist drill. J. Banner. 2,408,544; Oct. 1.
Sharpening device. S. Tarapczynski. 2,413,156; Dec. 24.
Sharpening device for cutlery. R. J. Foster. 2,397,256; Mar. 26.
Sharpening device, Needle. W. C. Freeland. 2,402,245; June 18.
Sharpening machine. A. A. Gradisar. 2,402,155; June 18.
Sharpening mechanism, Bit. W. H. Wineman. 2,404,201; July 16.
Shaver and element thereof, Dry. H. Ruskin. 2,411,594; Nov. 26.
Shaver, Dry. H. Aaron. 2,401,292; June 4.
Shaver, Dry. C. E. Beatty. 2,402,233; June 18.
Shaving machine. J. T. Scully. 2,400,027; May 7.
Shaving machine, Gear. C. R. Staub. 2,397,515; Apr. 2.
Shaving mug and shaving cream dispenser, Combination. C. A. Spinola. 2,392,007; Jan. 1.
Shear, Metal. L. Iversen. 2,400,996; May 28.
Shear, Oscillating rotary. R. H. Stevens. 2,410,555; Nov. 5.
Shear press. W. G. Wehr. 2,397,896; Apr. 2.
Shearing apparatus. W. B. Hackett. 2,397,603; Apr. 2.
Shearing apparatus. C. W. Hawthorne. 2,401,639; June 4.
Shearing apparatus. W. B. Shear. 2,412,066; Dec. 3.
Shears. D. H. Keiser, Jr. 2,407,237; Sept. 10.
Shears, Pinking. F. C. Kethcart. 2,395,897; Mar. 5.
Shears, Pinking. W. G. Mirchell. 2,395,896; Mar. 5.
Shears, Pruning. J. F. Belgado. 2,406,670; Aug. 27.
Sheathed valve. P. P. Johnson. 2,403,926; July 16.
Sheathing for explosives. D. D. Huyett and F. S. Pollock. 2,412,581; Dec. 17.
Sheathing material. C. D. Pratt and J. A. Farr. 2,413,516; Dec. 31.
Sheave, Adjustable. D. Firth and M. L. Fast. 2,400,294; May 14.
Sheave, Adjustable V-belt. A. W. Ochler and E. J. Johnson. 2,401,178; May 28.
Sheave mounting. B. L. Myers. 2,407,032; Sept. 3.
Sheaves, etc., Mounting for. D. Firth. 2,402,743; June 25.
Sheet and manufacture, Plastic. E. H. Land. 2,402,166; June 18.
Sheet assembly device. H. G. Denyven and A. E. and E. R. Hess. 2,392,031; Jan. 1.
Sheet attaching mechanism. W. W. Guyon. 2,405,420; Aug. 6.
Sheet cutting and creasing press. A. J. Evers. 2,413,553–4; Dec. 31.
Sheet fastener. P. Van Sittert. 2,402,308; June 18.
Sheet feeder. C. W. Harrold. 2,406,765; Sept. 3.
Sheet feeder. C. W. Harrold. 2,406,766; Sept. 3.
Sheet-feeding-and-marking method and machine. L. L. Matthews. 2,395,490; Feb. 26.
Sheet feeding device. G. A. Hileman and M. E. Houk. 2,395,740; Feb. 26.
Sheet feeding mechanism. F. E. Curtis. 2,393,614; Jan. 29.
Sheet feeding mechanism. W. J. Haessler. 2,397,258; Mar. 26.
Sheet for rubber, Protective. L. L. Leach. 2,391,986; Jan. 1.
Sheet handling mechanism. E. R. Muddiman. 2,412,001; Dec. 3.
Sheet material and seam construction. C. A. Southwick, Jr. 2,395,077; Feb. 19.
Sheet material, Asbestos. M. F. Smith and H. W. Greider. 2,407,581; Sept. 10.
Sheet material feeder control mechanism. S. Garassino. 2,391,892; Jan. 1.
Sheet material, Laminated fibrous. H. O. Ware. 2,401,675; June 4.
Sheet material, Manufacture of artificial fibrous. R. and J. Pickles. 2,405,978; Aug. 20.
Sheet material, Method and apparatus for cutting or punching. H. H. Mohaupt. 2,407,093; Sept. 3.
Sheet material, Method of and apparatus for perforating. G. F. Ryan. 2,405,714; Aug. 13.
Sheet materials comprising polyvinyl chloride. J. H. McGill. 2,392,857; Jan. 15.
Sheet materials, Laminating porous. J. G. Ford. 2,399,338; Apr. 30.
Sheet, Message. W. P. Rend. 2,405,327; Aug. 6.
Sheet metal and the like, Drawing, forming, shaping, or embossing. L. V. and S. A. Whistler. 2,399,775; May 7.
Sheet metal fastener. H. W. Kost. 2,400,545; May 21.
Sheet metal, Forming. H. M. Jager. 2,395,831; Mar. 5.
Sheet metal, Forming. H. M. Jager. 2,400,004; May 7.
Sheet metal, Forming. H. M. Jager and E. Schenk. 2,395,830; Mar. 5.
Sheet metal, Forming. H. M. Jager and E. Schenk. 2,395,832; Mar. 5.
Sheet metal piercing. A. E. Hutt. 2,395,123; Feb. 19.
Sheet metal structural element, Double skin. A. J. Grafman. 2,392,818; Jan. 15.
Sheet of biaxially oriented organic polymer, Process and apparatus for producing continuous. F. E. Wiley, R. W. Canfield, R. S. Jesionowski, and J. Bailey. 2,412,187; Dec. 3.
Sheet or tile, Wall surface. D. C. Luse. 2,407,025; Sept. 3.
Sheet registering mechanism. F. R. Belluche. 2,395,444–5; Feb. 26.
Sheet, Spread. L. Lenz. 2,397,967; Apr. 9.

Sheet, Transfer. R. M. Kneale. 2,408,147; Sept. 24.
Sheets, Adhesive. G. T. Turner and E. P. Wenzelberger. 2,411,237; Nov. 19.
Sheets, Attaching a plurality of. W. W. Guyon. 2,405,421; Aug. 6.
Sheets, Manufacture of fiber-cement. E. W. Rembert. 2,401,663; June 4.
Sheets, Manufacture of fibro-cementitious. E. W. Rembert. 2,407,514; Sept. 10.
Sheets of polymerized unsaturated compounds, Forming rigid. A. G. Chenicek. 2,392,578; Jan. 8.
Sheets, Registering. A. Neuhart. 2,406,847; Sept. 3.
Sheets to receive resinous coatings, Preparation of galvanized. G. R. Hoover and N. E. Hays. 2,407,881; Sept. 17.
Shelf for ironing machines, Lap. F. M. Freis. 2,400,497; May 21.
Shelf or rack for refrigerators, ovens and the like. W. Friegel. 2,410,648; Nov. 5.
Shelf, Refrigerator. R. S. Ahrens and W. A. Ellsworth. 2,403,164; July 2.
Shelf, Refrigerator. J. H. Pfeiffer. 2,400,438; May 14.
Shelf, Revolving book. R. E. Elvers. 2,395,618; Feb. 26.
Shell. F. R. Amthor. 2,396,978; Mar. 19.
Shell, Antiaircraft. C. A. Whitsett. 2,402,716; June 25.
Shell, Equilibrated rocket. Z. Fonberg. 2,409,427; Oct. 15.
Shell, Explosive. R. C. Chavez. 2,406,135; Aug. 20.
Shell, Knock-down globular. E. Raisz. 2,406,164; Aug. 20.
Shell wad, Shot. W. L. Finlay. 2,398,297; Apr. 9.
Shellac, Bleaching. G. P. Vincent. 2,397,389; Mar. 26.
Shellac substitute, Producing a. M. Rogovin. 2,396,608; Mar. 12.
Shelter. W. A. Halicki and D. B. Gordon. 2,397,259; Mar. 26.
Sherbet compositions, Stabilizing. S. Musher. 2,395,060; Feb. 19.
Shield, Bud. J. A. Dockry. 2,413,487; Dec. 31.
Shield, Cockpit. De W. T. Ross, Jr. 2,403,195; July 2.
Shield, Detonation. W. P. Mason. 2,405,590; Aug. 13.
Shield, Dust. G. B. Gallasch. 2,406,213; Aug. 20.
Shield, Eye. H. L. Shock, Jr. 2,395,297; Feb. 19.
Shield, Face. O. S. Flood. 2,406,598; Aug. 27.
Shield for all types of airplane engines, Heating. R. F. Miller. 2,404,394; July 23.
Shield for electrolytic tanks, Insulating. S. B. Sanford and W. G. Nutzel. 2,411,638; Nov. 26.
Shield for medicinal needles. S. C. Carwile. 2,393,143; Jan. 15.
Shield for sanding drum slots. T. L. Bonkowski. 2,413,165; Dec. 24.
Shield for transmitter mouthpieces, Noise. E. B. Newman and J. Miller. 2,408,474; Oct. 1.
Shield for welders' helmets. A. Krogel. 2,394,388; Feb. 5.
Shield, Glare. L. R. Le Lande. 2,410,171; Oct. 29.
Shield, Heat. R. D. Young. 2,403,203; July 2.
Shield, Industrial safety. W. Dilley. 2,401,056; May 28.
Shield or shade, Eye. I. L. Robbiee. 2,413,193; Dec. 24.
Shield or the like, Welding. R. A. Romberg. 2,410,306; Oct. 29.
Shield, Protecting. G. N. Mas. 2,406,090; Aug. 20
Shield, Safety. E. T. Johnson. 2,410,503; Nov. 5.
Shield, Welder's. E. R. Beck. 2,396,239; Mar. 12.
Shield, Welder's. G. G. Landis. 2,395,053; Feb. 19.
Shielded spark-plug connector. W. R. Curtiss. 2,398,359; Apr. 16.
Shielded tube mounting. S. M. Del Camp. 2,398,626; Apr. 16.
Shift mechanism for typewriters. E. G. Robeson. 2,396,344; Mar. 12.
Shifter, Phase. H. E. Beste. 2,408,193; Sept. 24.
Shifter, Wide band phase. K. G. Hodgson. 2,392,476; Jan. 8.
Shingle, Making thick butt. A. A. Fassiotto and G. W. Strunk. 2,400,746; May 21.
Ship. R. B. Gray and J. C. De Weese. 2,394,607; Feb. 12.
Ship curve, Adjustable. G. L. Lateur. 2,404,880; July 30.
Ship drive control system. W. E. Brill. 2,396,231; Mar. 12.
Ship light. G. C. Parsons. 2,395,756; Feb. 26.
Ship or vessel. A. J. Levin. 2,406,084; Aug. 20.
Ship propulsion. R. Cote. 2,413,173; Dec. 24.
Ship propulsion turbine arrangement. G. B. Warren. 2,397,173; Mar. 26.
Ship, Welded. G. Pamphilis. 2,393,653; Jan. 29.
Shipping container. A. I. Lamb. 2,392,675; Jan. 8.
Ships, Building. R. D. Bourne. 2,398,131; Apr. 9.
Ships from submarine explosions, Protecting. W. P. Mason. 2,401,361; June 4.
Ships, Raising sunken. N. E. Dorland. 2,399,475; Apr. 30.
Shirt. R. Hirlund. 2,398,428; Apr. 16.
Shirt collar construction. E. O. Hirsch. 2,401,157; May 28.
Shirt collar holder. C. M. Mead. 2,408,569; Oct. 1.
Shirt collar support. W. W. McFall. 2,401,789; June 11.
Shirt construction. A. L. Silver and A. Stein. 2,408,180; Sept. 24.
Shock-absorbent mounting. E. J. Lombardi. 2,391,909; Jan. 1.
Shock absorber. E. L. Beecher. 2,394,355; Feb. 5.
Shock absorber. E. L. Beecher. 2,394,356; Feb. 5.
Shock absorber. E. L. Beecher. 2,396,227; Mar. 12.
Shock absorber. G. E. Dath. 2,406,064; Aug. 20.
Shock absorber. R. M. Harmon. 2,412,885; Dec. 17.
Shock absorber. E. H. Lehman and G. E. Dath. 2,411,630; Nov. 26.
Shock absorber. G. M. Magrum. 2,410,176; Oct. 29.
Shock absorber. B. L. Mallory. 2,408,985; Oct. 8.
Shock absorber. S. Symonds. 2,398,728; Apr. 16.
Shock absorber. R. H. Whisler, Jr. 2,395,027; Feb. 19.
Shock absorber, Floating. N. O. Myklestad. 2,410,902; Nov. 12.
Shock absorber for hydraulic systems. J. A. Hendel and M. J. Stupelli. 2,407,276; Sept. 10.
Shock absorber, Friction. G. E. Dath. 2,392,028; Jan. 1.
Shock absorber, Friction. G. E. Dath. 2,392,977; Jan. 15.
Shock absorber, Friction. G. E. Dath. 2,395,171; Feb. 19.
Shock absorber, Friction. G. E. Dath. 2,396,773–4; Mar. 19.
Shock absorber, Friction. G. E. Dath. 2,402,536; June 25.
Shock absorber, Friction. G. E. Dath. 2,403,584; July 9.
Shock absorber, Friction. G. E. Dath. 2,405,644; Aug. 13.
Shock absorber, Friction. G. E. Dath. 2,413,295; Dec. 31.
Shock absorber, Friction. S. B. Haseltine. 2,400,504; May 21.
Shock absorber, Friction. E. H. Lehman. 2,411,279; Nov. 19.
Shock absorber, Hydraulic. N. S. Focht. 2,403,648; July 9.
Shock absorber, Hydraulic. N. S. Focht. 2,409,349; Oct. 15.
Shock absorber, Hydraulic. F. R. Harris. 2,405,502; Aug. 6.
Shock absorber on sweep arm for picker motion looms. J. Nault. 2,413,643; Dec. 31.
Shock absorber structure. R. H. Whisler, Jr. 2,410,539; Nov. 5.
Shock absorbing device. J. R. Snyder. 2,404,666; July 23.
Shock absorbing device. C. C. Whittaker. 2,405,001; July 30.
Shock absorbing means for tension testing machines. E. I. and R. E. Dillon. 2,411,779; Nov. 26.
Shock absorbing mechanism. W. A. Geiger. 2,398,110; Apr. 23.
Shock absorbing mechanism. R. J. Olander. 2,395,972; Mar. 5.
Shock absorbing mechanism, Combined spring and friction. G. E. Dath. 2,398,083; Apr. 9.
Shock absorbing mechanism, Friction. A. A. Bureau. 2,401,905; June 11.
Shock absorbing mechanism, Friction. G. E. Dath. 2,411,956; Dec. 3.
Shock-proof contactor. D. Ellis, O. L. Taylor, and R. T. Basnett. 2,409,115; Oct. 8.
Shockproof mounting. R. B. Shores. 2,412,838; Dec. 17.
Shockproof switch. J. W. McClain. 2,411,447; Nov. 19.
Shock-proofing mechanism. G. H. Syrovy. 2,406,265; Aug. 20.
Shoe. D. B. Caratozzolo. 2,411,850; Dec. 3.
Shoe. C. H. Daniels. 2,398,623; Apr. 16.
Shoe. H. H. Johnson. 2,407,498; Sept. 10.
Shoe. J. S. Kamborian. 2,393,989; Feb. 5.
Shoe. S. L. Kleven. 2,407,556; Sept. 10.
Shoe. J. J. Maguire. 2,397,361; Mar. 26.
Shoe. V. W. Rothweiler. 2,394,718; Feb. 12.
Shoe. T. Saval. 2,409,902; Oct. 22.
Shoe. K. A. Stritter. 2,394,725; Feb. 12.
Shoe. J. E. Taber, Jr., and K. L. Keene. 2,407,189; Sept. 3.
Shoe, Air-cooled brake. C. C. Eurit. 2,406,067; Aug. 20.
Shoe and making. S. V'Soske. 2,393,434; Jan. 22.
Shoe and making the same. J. D. Chandler. 2,407,224; Sept. 10.
Shoe and making the same. J. J. Walsh. 2,404,150; July 16.
Shoe and manufacturing the same. J. R. Brady and A. Moskowitz. 2,412,865; Dec. 17.
Shoe and the like. L. T. J. Dack. 2,399,543; Apr. 30.
Shoe, Arch supporting. K. A. Stritter. 2,400,269; May 14.
Shoe, Brake. J. H. Hunt. 2,398,006; Apr. 9.
Shoe, Brake. W. T. Rossell. 2,407,035; Sept. 3.
Shoe cleat. A. B. de Stefano. 2,413,177; Dec. 24.
Shoe conditioner. G. H. De Long and B. Breisbach. 2,410,154; Oct. 29.
Shoe construction. S. Cangemi. 2,404,214; July 16.
Shoe construction. J. H. Davis. 2,396,832; Mar. 19.
Shoe construction. W. A. Evans. 2,397,413; Mar. 26.
Shoe construction. S. P. Lovell and F. H. Russell. 2,399,492; Apr. 30.
Shoe construction. J. Sbarra. 2,398,044; Apr. 9.
Shoe construction. J. Q. Strong. 2,410,530; Nov. 5.
Shoe construction. E. Ziniti. 2,413,481; Dec. 31.
Shoe construction, Box toe. S. Susswein. 2,394,216; Feb. 5.
Shoe construction, Novel. M. Margolin. 2,405,224; Aug. 6.

Shoe counter and shankpiece, Combined. W. P. Herlihy. 2,412,773; Dec. 17.
Shoe dressings. J. Ratner. 2,399,693; May 7.
Shoe for divers. J. Browne. 2,403,477; July 9.
Shoe for grain threshers, Shaker. T. Carroll. 2,395,163; Feb. 19.
Shoe heel, Composite. M. Margolis. 2,412,899; Dec. 17.
Shoe heels, Attaching. J. S. Kamborian. 2,393,990; Feb. 5.
Shoe-last. C. W. Marcille. 2,392,826; Jan. 15.
Shoe lasts, Manufacture of graded. J. A. Iredale. 2,394,780; Feb. 12.
Shoe machine. E. Quinn and N. A. Monfils. 2,397,369; Mar. 26.
Shoe machine. C. A. Robinson. 2,409,643; Oct. 22.
Shoemaking. E. L. Beckwith and R. B. Harrison. 2,412,385; Dec. 10.
Shoemaking. K. Engel. 2,412,449; Dec. 10.
Shoemaking. G. A. Gleason. 2,392,816; Jan. 15.
Shoemaking. R. A. Huebel. 2,409,860; Oct. 22.
Shoemaking. B. F. Lee. 2,412,521; Dec. 10.
Shoemaking. H. G. McMurray. 2,409,880; Oct. 22.
Shoemaking. A. E. Murray. 2,396,926; Mar. 19.
Shoemaking. A. R. Ridderstrom. 2,393,566; Jan. 22.
Shoe manufacture. I. Tarlow. 2,411,479; Nov. 19.
Shoe, Molded plastic. O. E. Ible. 2,402,227; June 18.
Shoe, Novelty squawk-type. L. L. Cordi. 2,413,545; Dec. 31.
Shoe, Patent leather. K. I. Clisby. 2,394,900; Feb. 12.
Shoe, Picking. B. W. Brouwer. 2,407,056; Sept. 3.
Shoe, Platform. S. Gallo. 2,411,682; Nov. 26.
Shoe, Platform. G. A. Gleason. 2,392,815; Jan. 15.
Shoe preserver. M. H. Rice. 2,413,071; Dec. 24.
Shoe press. F. Dawson and J. F. Smith. 2,397,843; Apr. 2.
Shoe protector. W. Wood, Jr. 2,410,853; Nov. 12.
Shoe rack. S. Gerlich. 2,409,268; Oct. 15.
Shoe, Reversible. A. G. Timson. 2,409,813; Oct. 22.
Shoe sewing machine. F. Ashworth and C. F. Whitaker. 2,397,588; Apr. 2.
Shoe sole. J. Gregg. 2,405,498; Aug. 6.
Shoe sole, Composition. W. M. Quinn. 2,395,294; Feb. 19.
Shoe sole construction. M. Margolin. 2,412,226; Dec. 10.
Shoe sole or shoe sole element. S. V'Soske. 2,393,433; Jan. 22.
Shoe sole tape, Making. P. Williams. 2,393,210; Jan. 15.
Shoe supporting jack. A. R. Morrill. 2,406,306; Aug. 20.
Shoe, Tire. G. A. Barker. 2,409,182; Oct. 15.
Shoe, Track. H. A. Knox. 2,391,907; Jan. 1.
Shoe, Track. H. A. Knox. 2,393,225; Jan. 22.
Shoe, Track. T. R. Myers. 2,393,336; Jan. 22.
Shoe tree. K. Barber. 2,408,545; Oct. 1.
Shoe tree, Adjustable. C. A. Traurig. 2,400,273; May 14.
Shoe, Water-resistant. G. H. Jennings. 2,408,650; Oct. 1.
Shoe, Welted. J. D. Horvit. 2,397,316; Mar. 26.
Shoe welting. W. C. Vizard. 2,404,998; July 30.
Shoe, Women's sport. J. H. Schroeder. 2,393,824; Jan. 29.
Shoes. C. C. Klaus. 2,403,442; July 9.
Shoes. J. J. Walsh. 2,399,410; Apr. 30.
Shoes, Cementing outsoles to. J. A. Mahoney and W. S. Anderson. 2,395,133; Feb. 19.
Shoes, Fitting. E. J. Bliss. 2,399,424; Apr. 30.
Shoes, Heel construction for platform. E. M. Bonyhady. 2,402,727; June 25.
Shoes, Making. J. S. Kamborian. 2,393,991; Feb. 5.
Shoes, Making. H. S. Lyness. 2,394,705; Feb. 12.
Shoes, Making. K. A. Stritter. 2,404,546; July 23.
Shoes, Making. K. A. Stritter. 2,407,352; Sept. 10.
Shoes, Making. J. White. 2,403,253; July 2.
Shoes, Making platform. W. J. Kubicki. 2,404,878; July 30.
Shoes, Making slip lasted. J. J. Walsh. 2,406,975; Sept. 3.
Shoes, Manufacture of. A. Atlas. 2,396,485; Mar. 12.
Shopping bag, Carrier. C. A. Goza 2,394,050; Feb. 5.
Shore. A. Negovan, E. R. Stratton, and W. C. Roggie. 2,405,321; Aug. 6.
Short-circuit indicator. W. P. Cress. 2,410,636; Nov. 5.
Short wave direction finder. L. C.-L. Yuan and C. E. Miller. 2,410,917; Nov. 12.
Shortening, Comminuted. E. K. Chapin. 2,392,833; Jan. 15.
Shorthand machine. D. L. Shelton. 2,393,661; Jan. 29.
Shot trap for air rifle targets. H. E. Cole. 2,397,921; Apr. 9.
Shoulder harness take-up and inertia lock. W. A. Geohegan and R. E. Phipps. 2,403,653; July 9.
Shoulder pad. W. R. Gershen. 2,403,274; July 2.
Shoulder pad. B. Glickman. 2,405,030; July 30.
Shoulder pad. B. Nichols. 2,402,292; June 18.
Shoulder pad. J. Tangorra. 2,395,024; Feb. 19.
Shoulder pad. M. R. Witham. 2,407,755; Sept. 17.
Shoulder perfectioner. O. Royce. 2,400,210; May 14.
Shovel. D. L. Cross. 2,396,089; Mar. 5.
Shovel. A. A. La Pointe. 2,407,930; Sept. 17.
Shovel. V. L. Schield. 2,402,299; June 18.
Shovel attachment for tractors, Mechanical. J. H. Vowless. 2,397,303; Mar. 26.
Shovel, Pull. R. O. Billings. 2,411,498; Nov. 26.
Shovel, Tractor. M. L. Conrad. 2,412,323; Dec. 10.
Shovels, Making. R. Harte. 2,399,800; May 7.
Shower cabinet. H. J. Cohn. 2,394,594; Feb. 12.
Shower for corrugators, Steam. T. S. Fitchett, H. B. Greenwood, and W. G. Shackelford. 2,413,409; Dec. 31.
Shower, Portable. E. R. Andrews and L. H. Steans. 2,403,430; July 9.
Shower stall. G. A. Dailey. 2,394,667; Feb. 12.
Shredding machine. T. E. Clifton. 2,396,085; Mar. 5.
Shrinkage compensating means. F. F. Ehrenhaft. 2,397,730; Apr. 2.
Shutoff device and cock, Combined thermoelectric safety. H. A. Mantz. 2,409,947; Oct. 22.
Shutter actuating mechanism. J. Bolsey. 2,412,559; Dec. 17.
Shutter, Camera. J. Terrett and W. B. Wood. 2,392,071; Jan. 1.
Shutter drive, Setting. C. C. Fuerst. 2,410,649; Nov. 5.
Shutter, Explosively actuated high-speed. S. M. MacNeille. 2,403,730; July 9.
Shutter for fishing nets. J. Motel. 2,409,146; Oct. 8.
Shutter operator. F. McM. Sawyer. 2,397,754; Apr. 2.
Shutter, Portrait camera. L. S. Osborne. 2,400,778; May 21.
Shutter structure. D. I. Hite. 2,394,059; Feb. 5.
Shuttle car. W. W. Sloane. 2,412,755; Dec. 17.
Shuttle check controlled by temperature. R. G. Turner. 2,397,821; Apr. 2.
Shuttle holder. W. A. Behrens. 2,400,528; May 21.
Shuttle, Loom. J. J. Kaufmann, Jr. 2,403,724; July 9.
Shuttle, Loom. J. J. Kaufmann, Jr. 2,407,162; Sept. 3.
Shuttle, Loom. J. J. Kaufmann, Jr. 2,408,981; Oct. 8.
Shuttle, Loom. J. J. Kaufmann, Jr. 2,410,383; Oct. 29.
Shuttle propelling mechanism. H. and B. O. Hoeber and W. T. Read. 2,413,629; Dec. 31.
Shuttle, Sewing machine. W. F. Shimek. 2,396,755; Mar. 19.
Shuttle, Tatting. E. H. Larson. 2,395,786; Feb. 26.
Shuttle valve. J. F. Melichar. 2,408,799; Oct. 8.
Shuttle, Weaver's. R. Schmidt. 2,404,749; July 23.
Shuttle with rubber tip. R. G. Turner. 2,409,003; Oct. 8.
Side arm heater. C. E. Willig. 2,406,052; Aug. 20.
Side wall sampling tool. C. J. McWhorter. 2,392,683; Jan. 8.
Sieve construction for harvesters, Sheet metal. D. E. Sargent and R. W. Rollson. 2,413,382; Dec. 31.
Sieve, Eccentric-solenoid actuated. L. H. Snyder. 2,412,840; Dec. 17.
Sieve or chaffer. E. G. Waite. 2,392,014; Jan. 1.
Sifter, Flour. T. Bailey. 2,393,453; Jan. 22.
Sifter, High-speed. M. B. Nicholls. 2,395,138; Feb. 19.
Sifter package for pharmaceuticals. M. R. Fields. 2,410,438; Nov. 5.
Sifting device. H. P. Faris and J. E. White. 2,392,812; Jan. 15.
Sight. L. H. Brown. 2,393,308; Jan. 22.
Sight. S. W. Fish. 2,401,752; June 11.
Sight. J. C. Garand. 2,406,011; Aug. 20.
Sight, Computing aircraft gun. C. G. Holschuh and O. A. Vielehr. 2,396,701; Mar. 19.
Sight director. J. James. 2,404,379; July 23.
Sight for firearms, Rear. H. F. Mossberg. 2,407,437; Sept. 10.
Sight, Gun. T. Siedlarz. 2,402,263; June 18.
Sight, Peep. R. A. Harding. 2,399,633; May 7.
Sight, Skeet and trap. R. Le G. Hughston. 2,395,409; Feb. 26.
Sighting apparatus. D. L. Colbath. 2,406,807; Sept. 3.
Sighting apparatus for firearms. N. F. Barnes and K. R. Geiser. 2,393,013; Jan. 15.
Sighting apparatus, Optical. C. S. Grimshaw. 2,406,828; Sept. 3.
Sighting device. C. G. Holschuh and D. Fram. 2,399,676; May 7.
Sighting device. W. B. Klemperer and S. J. Goldberg. 2,412,585; Dec. 17.
Sighting instrument, Optical. R. Noske. 2,400,252; May 14.
Sighting mechanism. W. W. Willard. 2,408,356; Sept. 24.
Sign: *See*—
Changeable letter sign. Reflector button sign.
Highway reflector sign. Swingable road sign.
Illuminated sign.
Sign. H. A. Hoag. 2,399,029; Apr. 23.
Sign. R. M. Levingston. 2,402,561; June 25.
Sign or the like, Highway reflector. H. G. Meigs. 2,411,222; Nov. 19.
Signs, Preparing. A. J. Laws. 2,394,701; Feb. 12.
Signal: *See*—
Colored gas signal. Traffic signal.
Light signal. Vehicle signal.
Motor driven signal. Warning signal.
Portable traffic signal.
Signal. M. N. Partridge. 2,399,057; Apr. 23.
Signal amplifier. R. F. Hays, Jr. 2,399,675; May 7.
Signal and illuminating system for airways, Radio controlled. A. A. Corcangeo. 2,407,949; Sept. 17.
Signal and power frequencies, System of mixing. G. Ogurkowski. 2,398,390; Apr. 16.
Signal apparatus. D. E. Watts and P. C. Gardiner. 2,400,796; May 21.

Signal apparatus, Engine. M. E. Chandler. 2,407,134; Sept. 3.
Signal bias correction, Automatic. G. L. Erickson. 2,401,343; June 4.
Signal correction circuit. A. V. Bedford and K. R. Wendt. 2,405,280; Aug. 6.
Signal detector, Submarine. R. Black, Jr., and F. F. Romanow. 2,410,806; Nov. 12.
Signal device. J. D. Kennelly. 2,409,046; Oct. 8.
Signal device. J. J. Moynihan. 2,412,094; Dec. 3.
Signal device. J. M. Tracy and H. G. Veeder. 2,409,166; Oct. 8.
Signal device, Electric. S. M. Kenerson. 2,406,545; Aug. 27.
Signal device, Railway. E. L. Kiser. 2,411,095; Nov. 12.
Signal device, Submarine. W. R. Harry. 2,405,209; Aug. 6.
Signal device, Submarine. W. R. Harry and F. F. Romanow. 2,404,799; July 30.
Signal device, Submarine. A. H. Inglis. 2,405,210; Aug. 6.
Signal enciphering key tape producing device, Telegraph. B. S. Swezey. 2,406,046; Aug. 20.
Signal enciphering mechanism, Telegraph. R. D. Parker. 2,406,032; Aug. 20.
Signal enciphering system, Telegraph. W. Y. Lang and E. F. Watson. 2,406,020; Aug. 20.
Signal enciphering system, Teletypewriter. G. A. Locke. 2,406,023; Aug. 20.
Signal flash. H. Reynolds. 2,409,957; Oct. 22.
Signal for telephones, Automatic switch-over. F. A. Leibe and W. A. Miner, Jr. 2,395,887; Mar. 5.
Signal-generating system. A. V. Loughren. 2,396,865; Mar. 19.
Signal generator. R. C. Hergenrother. 2,413,181; Dec. 24.
Signal lamp. F. J. O'Farrell. 2,411,935; Dec. 3.
Signal means for life saving equipment. H. A. S. van Dealen. 2,410,535; Nov. 5.
Signal receiver circuit. R. H. George. 2,411,963; Dec. 3.
Signal recording system. C. J. Young. 2,412,310; Dec. 10.
Signal service, Selective calling. A. M. Skellett. 2,396,211; Mar. 5.
Signal source, Tunable underwater. L. G. Bostwick. 2,404,360; July 23.
Signal-translating system, Color television. J. C. Wilson. 2,413,423; Dec. 31.
Signal switch. F. J. Reddick. 2,394,481; Feb. 5.
Signal switch for pneumatic tires, Electric. E. W. Crammer. 2,399,168; Apr. 30.
Signal system. W. S. Halstead. 2,398,741; Apr. 16.
Signal system. L. M. Wittlinger. 2,399,715; May 7.
Signal system, Air brake. A. L. Macan. 2,403,938; July 16.
Signal system. Submarine. W. P. Mason. 2,405,225; Aug. 6.
Signal system, Wayside actuable. C. W. Campbell and B. G. Chamberlain. 2,400,740; May 21.
Signal translating apparatus. R. Snepvangers. 2,397,888; Apr. 2.
Signal-translating system. D. B. Holsington. 2,410,735; Nov. 5.
Signal-translating system. B. D. Loughlin. 2,403,385; July 2.
Signal translator, Telegraph permutation code. F. F. Shipley. 2,408,100; Sept. 24.
Signal with vibration lock, Drop. F. A. Stearn. 2,408,106; Sept. 24.
Signaling apparatus. L. E. Barton and H. R. Dyson. 2,400,063; May 14.
Signaling apparatus. W. W. Dewhurst. 2,397,844; Apr. 2.
Signaling apparatus. B. J. Kucera. 2,399,682; May 7.
Signaling apparatus. J. S. Leigh and A. Murdoch, Jr. 2,401,943; June 11.
Signaling apparatus, Counting relay. L. V. Lewis. 2,413,110; Dec. 24.
Signaling apnaratus, Railway. A. L. Jerome. 2,409,044; Oct. 8.
Signaling apparatus, Sound. I. C. Clement. 2,411,146; Nov. 19.
Signaling apparatus, Submarine. R. E. Bates. 2,400,870; May 28.
Signaling apparatus, Submarine. E. B. Dallin. 2,407,256; Sept. 10.
Signaling by submodulation. S. D. Ellenberger. 2,410,275; Oct. 29.
Signaling device. E. O. Blanchette. 2,401,901; June 11.
Signaling device. R. F. Mallina. 2,393,790; Jan. 29.
Signaling device, Audible. E. W. Gent. 2,412,610; Dec. 17.
Signaling device, Submarine. B. M. Harrison. 2,407,661; Sept. 17.
Signaling method, Electrical. G. Guanella. 2,411,206; Nov. 19.
Signaling, Secret. A. V. Bedford. 2,401,403; June 4.
Signaling, Secret. F. G. Buhrendorf. 2,406,349; Aug. 27.
Signaling, Secret. O. Myers. 2,406,353; Aug. 27.
Signaling, Submarine. B. M. Harrison. 2,406,833; Sept. 3.
Signaling, Submarine. B. M. Harrison. 2,407,270; Sept. 10.
Signaling, Submarine. B. M. Harrison. 2,410,066–7; Oct. 29.
Signaling, Submarine. E. E. Turner, Jr. 2,398,815–6; Apr. 23.
Signaling system. L. J. Bowne. 2,391,941; Jan. 1.
Signaling system. R. C. Cheek. 2,393,021; Jan. 15.
Signaling system. R. A. Clark, Jr. 2,410,149; Oct. 29.
Signaling system. L. F. Crabtree and M. L. Markey. 2,395,168; Feb. 19.
Signaling system. F. C. Evans. 2,410,814; Nov. 12.
Signaling system. W. S. Halstead and B. C. Lord. 2,405,501; Aug. 6.
Signaling system. J. H. Hammond, Jr. 2,413,348; Dec. 31.
Signaling system. P. F. G. Holst and L. R. Kirkwood. 2,409,208; Oct. 15.
Signaling system. H. D. MacPherson. 2,396,798; Mar. 19.
Signaling system. M. W. Muehter. 2,398,594; Apr. 16.
Signaling system. F. D. Nitterauer. 2,397,881; Apr. 2.
Signaling system. E. R. Shenk and J. E. Smith. 2,409,989; Oct. 22.
Signaling system. H. Shore. 2,408,692; Oct. 1.
Signaling system. E. E. Turner, Jr. 2,411,910; Dec. 3.
Signaling system. G. L. Usselman. 2,392,625; Jan. 8.
Signaling system. W. Van B. Roberts. 2,396,288; Mar. 12.
Signaling system. I. Wolff and W. D. Hershberger. 2,401,717; June 4.
Signaling system, Carrier wave. W. A. Phelps. 2,406,034; Aug. 20.
Signaling system, Coded track circuit. T. J. Judge. 2,403,085; July 2.
Signaling system, Coded track circuit. N. D. Preston. 2,401,290; May 28.
Signaling system, Coded track circuit. N. D. Preston. 2,403,120; July 2.
Signaling system, Electrical. R. R. Birss. 2,400,908–9; May 28.
Signaling system, Electrical. G. Deakin. 2,406,001; Aug. 20.
Signaling system, Electrical. P. N. Roseby and J. F. Mackenzie. 2,402,258; June 18.
Signaling system, Electrical. R. Taylor and G. T. Baker. 2,407,910; Sept. 17.
Signaling system for railroads. T. J. Judge. 2,410,504; Nov. 5.
Signaling system for railways and the like, Track circuit. J. P. Coley. 2,400,811; May 21.
Signaling system, Method and apparatus, secrecy. R. M. Sprague. 2,395,431–2; Feb. 26.
Signaling system, Privacy. E. S. Purington. 2,400,950; May 28.
Signaling system, Pulse. J. Evans. 2,411,130; Nov. 12.
Signaling system, Pulse. B. Trevor. 2,401,619; June 4.
Signaling system, Secret. C. E. Atkins. 2,404,354–6; July 23.
Signaling system, Secret. E. Cook. 2,399,469; Apr. 30.
Signaling system, Secret. W. B. Martin. 2,401,494; June 4.
Signaling system, Selective. R. F. Davis. 2,408,299; Sept. 24.
Signaling system, Submarine. W. D. Goodale, Jr. 2,411,537; Nov. 26.
Signaling system, Supervisory. D. W. Bloser and F. C. Evans. 2,400,069; May 14.
Signaling system, Traffic. A. P. Manewich. 2,407,432; Sept. 10.
Signaling system, Well. D. Silverman and T. Gilmartin. 2,411,696; Nov. 26.
Signals, Amplifying high-frequency. S. Ramo. 2,406,635; Aug. 27.
Signals, Method and apparatus for receiving radio. W. J. O'Brien. 2,407,323; Sept. 10.
Signature gathering machine. P. E. Kleineberg. 2,413,358; Dec. 31.
Silencer, Exhaust. P. E. Rosales. 2,402,087; June 11.
Silencer for drains. H. J. Smith. 2,405,241; Aug. 6.
Silencer for internal-combustion engines. D. C. Varma. 2,392,559; Jan. 8.
Silencer, Resonator. E. E. Wilson. 2,403,699; July 9.
Silencer unit. H. L. Magill. 2,397,556; Apr. 2.
Silica from water, Removal of. P. C. Goetz. 2,401,924; June 11.
Silica modified cement. J. W. Sharp. 2,310,954; Nov. 12.
Silica, Preparing porous. H. B. Welser and W. O. Milligan. 2,395,524; Feb. 26.
Silicic acid product and producing same. J. W. Robinson, Jr. 2,392,767; Jan. 8.
Silicious bodies, Forming. G. J. Bair. 2,392,568; Jan. 8.
Silicon compounds, Production of organic. P. J. Garner. 2,396,692; Mar. 19.
Silicon dioxide, Preparation of finely-divided. F. L. McNabb. 2,399,687; May 7.
Silicon materials, Preparation of. J. H. Scaff. 2,402,582; June 25.
Silicon tetrachloride and titanium tetrachloride, Production of. P. S. Braller. 2,401,544; June 4.
Silico-organic derivatives and making the same. J. B. Rust and C. A. MacKenzie. 2,413,582; Dec. 31.
Sill brace and draft gear stop, Combined. E. D. Campbell. 2,401,137; May 28.
Silo. Z. W. Craine. 2,410,338; Oct. 29.

Silverware from tarnishing, Preventing. J. B. Rust. 2,400,786; May 21.
Silverware, Preventing the tarnishing of. J. B. Rust. 2,400,785; May 21.
Silverware, Tarnish prevention of. J. B. Rust. 2,400,784; May 21.
Sine bar. A. Silvermaster. 2,398,121; Apr. 9.
Single channel secrecy device. J. A. Spencer. 2,397,058; Mar. 19.
Single purpose machine. R. M. Heintz, J. F. Steigerwald, and L. D. Cahill. 2,397,351; Mar. 26.
Sinker, Fishing line. F. E. Sevegny. 2,399,298; Apr. 30.
Sinker head. S. Gagas. 2,405,351; Aug. 6.
Sintering apparatus. L. Gellman. 2,403,433; July 9.
Siphon cleaner. C. Reynolds. 2,397,156; Mar. 26.
Siphon mechanism for heated rolls. H. W. Bruker. 2,408,606; Oct. 1.
Siphon tube. J. C. Nicholson. 2,393,867; Jan. 29.
Siren for aircraft. W. P. Lear. 2,409,131; Oct. 8.
Sizer for suspended solids, Hydraulic. G. M. Darby. 2,410,637; Nov. 5.
Sizing and lubricating bullets, Method and apparatus for. W. G. Stevens, Jr. 2,403,032; July 2.
Sizing composition and yarn sized therewith. H. R. Dittmar. 2,406,749; Sept. 3.
Sizing compositions. A. C. Dreshfield. 2,398,699; Apr. 16.
Sizing compositions. R. T. Mashburn. 2,393,179; Jan. 15.
Sizing device for grinding machines and the like. R. H. Cramer. 2,392,836; Jan. 15.
Sizing materials, Electrostatic. H. B. Johnson. 2,398,792; Apr. 23.
Sizing, Paper. D. K. Pattiloch. 2,410,357; Oct. 29.
Skate. B. H. Celmer. 2,400,535; May 21.
Skate, Roller. O. G. Rieske. 2,412,290; Dec. 10.
Sketching device. N. H. Juran. 2,410,447; Nov. 5.
Ski and snow shoe, Combination. J. W. Arsenault. 2,410,702; Nov. 5.
Ski-binding. K. Henrichsen. 2,396,373; Mar. 12.
Ski runner. E. Porter. 2,404,402; July 23.
Ski structure. D. T. Philippar. 2,392,098; Jan. 1.
Skid brake. N. B. Irving. 2,404,443; July 23.
Skid floor. M. Watter. 2,392,789; Jan. 8.
Skid, High-low support. F. Amer. 2,400,523; May 21
Skin clamp. M. T. Lawlor. 2,410,664; Nov. 5.
Skinning machine, Wire. O. H. Hessler. 2,394,174; Feb. 5.
Skip bar. C. W. Lapha. 2,411,045; Nov. 12.
Skip stitch tufting machine. W. R. Kile. 2,411,883; Dec. 3.
Skirt hanger. H. E. Concannon. 2,400,058; May 7.
Skirt hanger. E. W. Loselle. 2,409,700; Oct. 22.
Skirt, Pleated. J. Koret. 2,398,538; Apr. 16.
Slag cleaning tool. O. E. Felton. 2,394,760; Feb. 12.
Slasher sizing composition and yarns sized therewith. V. R. Hardy and W. R. Haefele. 2,411,322; Nov. 19.
Slating system, Film. A. W. Tondreau and E. B. McGreal. 2,402,100; June 11.
Sleeve construction. I. L. Freedman. 2,394,541; Feb. 12.
Sleeve construction. I. L. Freedman. 2,402,619; June 25.
Sleeve for rubbing machines, Flexible. S. A. Crosby. 2,393,592; Jan. 29.
Sleeve, Garment. W. T. Previdi. 2,407,383; Sept. 10.
Sleeve valve engine. R. M. Heintz. 2,401,932; June 11.
Sleeve valve engine. K. L. Hulsing. 2,409,761; Oct. 22.
Sleeving, Flexible. J. M. Harris. 2,393,530; Jan. 22.
Slicer, Potato. P. B. Witmer. 2,413,160; Dec. 24.
Slicing apparatus. J. E. Wingate. 2,405,385; Aug. 6.
Slicing device. J. R. and A. R. Fuchs. 2,407,658; Sept. 17.
Slicing device. C. F. Senkewitz. 2,401,668; June 4.
Slicing device, Multiple. H. Singer. 2,396,443; Mar. 12.
Slicing machine. T. C. Brookhart and D. A. Meeker. 2,412,962; Dec. 24.
Slicing machine. M. Brustowsky. 2,412,079; Dec. 3.
Slicing machine. G. R. Wood. 2,408,717; Oct. 1.
Slicing machine, Food. G. R. Wood. 2,402,519; June 18.
Slicing machine having stationary knives and a follower feed, Food. L. X. Garfunkel. 2,407,924; Sept. 17.
Slicing machine, Meat. G. R. Wood. 2,410,698; Nov. 5.
Slide, Cross. S. L. Casella. 2,403,581; July 9.
Slide, Extension table. R. P. Moore. 2,399,283; Apr. 30.
Slide fastened stringers, Making. G. Sundback. 2,410,135; Oct. 29.
Slide fastener. V. Cizek. 2,395,370; Feb. 19.
Slide fastener. J. Polk. 2,392,338; Jan. 8.
Slide, Folding. E. E. Perry. 2,396,341; Mar. 12.
Slide loop. G. H. Elwell. 2,403,712; July 9.
Slide rule indicator. A. H. Kreiling. 2,407,338; Sept. 10.
Slider for separable fasteners. D. Marinsky. 2,405,509; Aug. 6.
Slider for sliding clasp fasteners. B. Meitner. 2,404,977; July 30.
Slider mechanism. O. Fregeolle. 2,411,418; Nov. 19.
Slider unit, Dual. L. H. Morin. 2,392,685; Jan. 8.
Sliders, Coupled. D. Marinsky. 2,398,947; Apr. 23.
Sliding car door. F. Ditchfield. 2,410,484; Nov. 5.
Sliding clasp fastener. L. Parkin. Re. 22,715; Jan. 22.
Sliding door. O. H. Merz. 2,410,892; Nov. 12.
Sliding hoisting clamp. V. Thompson. 2,393,430; Jan. 22.
Sling, Rope. R. F. Joy. 2,410,416; Nov. 5.
Slip. L. Novy. 2,412,530; Dec. 10.
Slip, Brassière. A. Novick. 2,406,849; Sept. 3.
Slip-casting apparatus, Pottery. W. J. Miller. 2,402,655; June 25.
Slip cover. L. C. Lenz. 2,392,051; Jan. 1.
Slip cover. L. C. Lenz. 2,393,543; Jan. 22.
Slip cover. T. Waranch. 2,411,915; Dec. 3.
Slip, Lady's. L. S. Milberg. 2,404,451; July 23.
Slip last. G. Clausing. 2,405,942; Aug. 20.
Slip mechanism, Automatic. A. L. Segelhorst. 2,410,589; Nov. 5.
Slip, Nursing. M. A. Blocker. 2,407,220; Sept. 10.
Slipper. F. J. Shields. 2,410,186; Oct. 29.
Slipper or shoe, Toe-dancer. B. H. Celmer. 2,400,534; May 21.
Slipper spring block. G. Keller, Jr. 2,394,695; Feb. 12.
Slitting and scoring apparatus. H. W. Bruker. 2,393,586; Jan. 29.
Slitting and scoring machine. H. W. Bruker. 2,396,315; Mar. 12.
Slitting device, Sheet. J. A. Gale. 2,409,203; Oct. 15.
Slitting machine. J. A. Aycock. 2,400,527; May 21.
Slivers, Drawing. B. G. H. van der Jagt. 2,392,709; Jan. 8.
Slivers, Making reinforced. J. R. McMillin and S. H. Lake. 2,411,326; Nov. 19.
Slivers of artificial fibers, Production of. W. G. Abbott Jr. 2,399,191; Apr. 30.
Slope-measuring instrument, Lumber grain. E. A. Anderson. 2,413,424; Dec. 31.
Slot and floating pin assembly for automatic push rods, Hammer. H. H. Engemann. 2,406,817; Sept. 3.
Slotted throat booster pump. R. R. Curtis. 2,408,918; Oct. 8.
Slotting machine, Piston ring. H. M. Scarff. 2,404,146; July 16.
Sludge coking. M. H. Arveson. 2,412,667; Dec. 17.
Sludge collecting mechanism. J. D. Walker. 2,393,725; Jan. 29.
Sludge, Processing acid. R. J. Andrews. 2,393,214; Jan. 15.
Sludge pump. S. Schwarz. 2,396,290; Mar. 12.
Slug forming and feeding mechanism, Plastic. B. D. Ashbaugh. 2,404,559; July 23.
Slurry filtration. R. M. Cavanaugh. 2,404,215; July 16.
Slurrying aluminum chloride for hydrocarbon conversion processes. W. E. Kruse, C. W. Nysewander, and J. A. Bolt. 2,406,778; Sept. 3.
Slush pump valve. A. S. Volpin. 2,402,713; June 25.
Slush tube. J. C. Stokes. 2,408,892; Oct. 8.
Slushing composition. G. W. Duncan. 2,408,971; Oct. 8.
Small objects, Method and apparatus for grinding. H. F. Fruth. 2,410,491; Nov. 5.
Smoke-producing composition. J. W. Van Karner. 2,411,070; Nov. 12.
Smoke-producing mixture. L. Finkelstein and H. B. Elkins. 2,409,201; Oct. 15.
Smoke screen composition and developing smoke screens therefrom. H. A. Levey. 2,408,429; Oct. 1.
Smoke screen generator. G. J. Holtham. 2,401,761; June 11.
Smoker's article. E. W. Eweson. 2,410,487; Nov. 5.
Smoking implement. G. P. Schmitt. 2,402,680; June 25.
Smoothing apparatus. D. A. Wallace. 2,393,207; Jan. 15.
Smoothing iron. R. O. Boyd. 2,397,236; Mar. 26.
Snap-acting apparatus. L. W. Burch. 2,402,312; June 18.
Snap acting thermostatic switch. C. M. Osterheld. 2,408,873; Oct. 8.
Snap action mechanism. M. J. Caparone. 2,405,014; July 30.
Snap action mechanism. O. Rasmussen and R. C. Rike. 2,410,680; Nov. 5.
Snap action switch. W. J. Aitken. 2,413,130; Dec. 24.
Snap-action switch. T. Obszarny. 2,402,838; June 25.
Snap fastener. A. R. Mitchell. 2,397,801; Apr. 2.
Snap gauge. W. C. Wehner and W. V. Giovara. 2,398,983; Apr. 23.
Snap-in connector block. D. K. Rollow. 2,402,578; June 25.
Snap lock harness clip. H. J. Le Vesconte. 2,397,279; Mar. 26.
Snap-on clip. E. M. Morehouse. 2,397,680; Apr. 2.
Snap-on valve. S. W. Glanz and A. H. Tidd. 2,412,330; Dec. 10.
Snap-out manifolding unit. J. G. Kerr. 2,394,553; Feb. 12.
Snap switch. P. G. Frerer. 2,410,055; Oct. 29.
Snap switch. R. J. McFall. 2,407,089; Sept. 3.
Snatch block. J. C. Jaques. 2,411,625; Nov. 26.
Snow-melting apparatus. L. Richardson. 2,401,106; May 28.
Snowplow. N. L. James. 2,408,857; Oct. 8.
Snow removal apparatus. J. E. Becker. 2,403,257; July 2.
Snubber. R. B. Cottrell. 2,392,725; Jan. 8.
Snubber. C. A. Edstrom. 2,403,352; July 2.
Snubber. N. L. Kearney. 2,407,958; Sept. 17.
Snubber. L. A. Lehrman. 2,399,047; Apr. 23.
Snubber. D. M. Light. 2,394,082; Feb. 5.
Snubber. D. M. Light. 2,399,048; Apr. 23.
Snubber. D. M. Young. 2,396,547; Mar. 12.
Snubber for hoists. A. Meyer. 2,409,881; Oct. 22.

Soap composition. H. K. McClain. 2,409,056; Oct. 8.
Soap composition. B. S. Van Zile. 2,402,473; June 18.
Soap container. W. H. Stoehr. 2,406,571; Aug. 27.
Soap from spent aluminum halide catalyst and a grease from said soap, Preparing an aluminum. A. J. Morway. 2,396,744; Mar. 19.
Soap from sperm oil, Manufacture of. G. Schmidt and C. Edwards. 2,393,421; Jan. 22.
Soap-like preparations. A. L. Rawlins. 2,406,902; Sept. 3.
Soap, Making. B. H. Thurman. 2,403,413; July 2.
Soap, Making salt water. J. Blades. 2,407,130; Sept. 3.
Soap, Manufacture of. M. H. Ittner. 2,403,925; July 16.
Soap, Manufacture of. L. J. Lofdahl. 2,411,443; Nov. 19.
Soap, Manufacture of. L. Sender. 2,411,468–9; Nov. 19.
Soap, Manufacture of. L. Sender and L. D. Jones. 2,397,161–2; Mar. 26.
Soap, Manufacture of milled. J. Garvey. 2,412,979; Dec. 24.
Soap particles, Method and apparatus for producing light bulky. A. Vang. 2,392,072; Jan. 1.
Soap process, Continuous. J. K. Gunther. 2,401,756; June 11.
Soap, Producing an aerated. J. W. Bodman. 2,398,776; Apr. 23.
Soap products, Method and apparatus for treating. T. Penny. 2,391,919; Jan. 1.
Soapstone holder. A. A. Plut. 2,405,797; Aug. 13.
Soap, Treating. J. W. Bodman. 2,392,831; Jan. 15.
Soap, Treating crude kraft. J. J. Lovas and P. F. Bruins. 2,395,283; Feb. 19.
Soaps, Making copper. J. E. Taylor. 2,397,767; Apr. 2.
Soaps, Preparation of. C. H. Hamblet. 2,409,678; Oct. 22.
Soaps, Water-insoluble. H. Linford and W. J. Baral. 2,411,832; Nov. 26.
Sock drier. H. G. Kerbawy. 2,400,203; May 14.
Socket assembly. D. H. Newey. 2,398,848; Apr. 23.
Socket, Earphone. S. S. Stevens. 2,408,490; Oct. 1.
Socket, Earphone. P. S. Veneklasen. 2,408,494; Oct. 1.
Socket, Earphone. J. Volkmann. 2,403,418; July 2.
Socket for fluorescent lamps. D. Pesin. 2,410,997; Nov. 12.
Socket for pressure gauges. J. M. Newmark. 2,392,057; Jan. 1.
Socket, Lamp. H. S. Bixby. 2,402,941; July 2.
Socket, Lamp. L. Burns. 2,401,610; June 4.
Socket, Lamp. H. J. McCarthy. 2,407,567; Sept. 10.
Sod cutter. J. G. Mohler. 2,401,653; June 4.
Soda and sulphate processing of coniferous woods, Separating and recovering constituents of waste liquor from the. J. J. Lovas and P. F. Bruins. 2,395,284; Feb. 19.
Sodium arsenite, Preparation of. E. H. Karr. 2,396,465; Mar. 12.
Sodium cyanamide-formaldehyde condensation product, Production of. J. F. Walker. 2,411,397; Nov. 19.
Sodium dispersion. C. C. Tanner. 2,409,519; Oct. 15.
Sodium from alumina, Removing. A. H. Riesmeyer. 2,411,807; Nov. 26.
Sodium sulphides, Manufacture of. A. W. Saddington. 2,409,392; Oct. 15.
Sofa bed. R. A. Burton. 2,392,309; Jan. 8.
Softball, Inflated. J. T. Clark. 2,399,324; Apr. 30.
Soft-edge construction. L. T. Mayer. 2,392,254; Jan. 1.
Softener, Water. A. R. Forsyth. 2,407,228; Sept. 10.
Softening agent. E. Korten. 2,410,294; Oct. 29.
Soil analysis by radiant energy. E. Lipson. 2,394,703; Feb. 12.
Solar heater. W. J. Harkness. 2,402,326; June 18.
Solar operated electric switch. J. M. Brady. 2,410,421; Nov. 5.
Solar still with capillary feed, Inflatable floating. W. H. Miller, Jr. 2,412,466; Dec. 10.
Solar still with nonfogging window. W. R. P. Delano. 2,413,101; Dec. 24.
Solder, Silver. F. R. Hensel. 2,396,009; Mar. 5.
Soldering apparatus. S. G. Johansson and H. C. Slechta. 2,404,730; July 23.
Soldering apparatus. J. R. Schietinger. 2,397,052; Mar. 19.
Soldering iron. F. Schmidt. 2,393,480; Jan. 22.
Soldering machine. G. H. Bierman. 2,405,178; Aug. 6.
Soldering machine. J. M. McClathchie. 2,403,943; July 16.
Soldering, Method of and apparatus for. T. A. Daniel. 2,409,615; Oct. 22.
Sole and heel construction, Shoe. J. H. Davis. 2,410,019; Oct. 29.
Sole and heel, High traction. H. A. Husted. 2,408,214; Sept. 24.
Sole for shoes, Platform. R. Almy. 2,405,870; Aug. 13.
Sole for shoes, slippers, or other articles of footwear. G. Codish. 2,408,736; Oct. 8.
Sole for sport shoes, Rubber. F. Kappeler. 2,394,454; Feb. 5.
Sole-molding machine. A. C. Eek. 2,397,598; Apr. 2.
Sole, Platform. F. S. Mees. 2,405,443; Aug. 6.
Sole, Reinforced. L. W. Rollins. 2,395,582; Feb. 26.
Soles, Manufacture of wooden. H. F. Loewer. 2,394,704; Feb. 12.
Solenoid. H. J. Luth. 2,407,712; Sept. 17.
Solenoid. L. M. Persons. 2,407,963; Sept. 17.
Solenoid. H. W. Trevaskis. 2,403,315; July 2.
Solenoid controlled valve. F. J. Rode. 2,408,883; Oct. 8.
Solenoid, Gun firing. A. N. De Wilde. 2,411,778; Nov. 26.
Solenoid locked push door. W. Hamilton. 2,411,266; Nov. 19.
Solenoid operator. W. R. Ray. 2,405,370; Aug. 6.
Solenoid valve. H. T. Sparrow. 2,407,184; Sept. 3.
Solid contact material, Production of. J. R. Bates and H. A. Shabaker. 2,412,958; Dec. 24.
Solid materials of different specific gravity, Separation of. F. Trostler and T. Andrews. 2,398,127; Apr. 9.
Solid organic polymers, Surface characteristics of. M. F. Bechtold and P. S. Pinkney. 2,404,426; July 23.
Solid particles with fluids, Contacting finely divided. L. C. Huff. 2,412,152; Dec. 3.
Solids, Handling fluent. J. F. Snuggs. 2,394,814; Feb. 12.
Solids, Regeneration of subdivided. C. L. Thomas and J. T. Pinkston, Jr. 2,393,839; Jan. 29.
Solids with organic liquids, Dissolving organic. F. M. Roddy. 2,396,752; Mar. 19.
Solids with vapors, Contacting. G. D. Creelman and J. F. Crowther. 2,409,476; Oct. 15.
Solution for metals, Pickling. E. K. Bolton. 2,402,596; June 25.
Solution of cellulose acetate, Dry casting. G. W. Brant. 2,412,947; Dec. 24.
Solutions, Dehydrating caustic. E. T. Ladd. 2,396,664; Mar. 19.
Solutions, Preparation of. R. C. Houtz. 2,404,717; July 23.
Solutions, Therapeutic. D. V. Frost. 2,407,412; Sept. 10.
Solvent by distillation and adsorption, Reclaiming soiled. E. L. Luaces. 2,410,034; Oct. 29.
Solvent extraction. G. B. Arnold and H. V. Atwell. 2,401,852; June 11.
Solvent extraction. K. H. Hachmuth. 2,411,785; Nov. 26.
Soot catcher for furnaces. G. Sayer. 2,396,537; Mar. 12.
Sorting apparatus. E. W. Larsen. 2,396,378; Mar. 12.
Sorting device. K. Z. Rostagno. 2,398,329; Apr. 9.
Sorting machine. E. J. Rabenda and H. J. Kistner. 2,403,550; July 9.
Sorting machine, Rivet. W. McClain. 2,409,440; Oct. 15.
Sound-absorbing treatment. C. B. Burnett, W. T. Donahue, and F. T. Randolph. 2,401,906; June 11.
Sound arrester in the ventilator of soft sound-arresting rooms. M. Tominaga. 2,394,342; Feb. 5.
Sound propagating apparatus. J. H. Hammond, Jr. 2,397,107; Mar. 26.
Sound receiving system. L. L. Foldy. 2,396,222; Mar. 5.
Sound recorder and reproducer, Electromagnetic. A. Hazeltine. 2,400,305; May 14.
Sound recording and reproducing machine, Duplex. A. B. Conant. 2,410,569; Nov. 5.
Sound recording system. E. F. Watson. 2,405,246; Aug. 6.
Sound reproducing system. H. J. Veritch. 2,397,579; Apr. 2.
Sound reproduction. W. Koenig, Jr. 2,403,985; July 16.
Sound vibration, Reception or transmission of. T. J. R. Bright. 2,395,719; Feb. 26.
Sound translating device. A. F. Horlacher. 2,404,877; July 30.
Sound-transmission apparatus, Electro-magnetic. R. Goldschmidt. 2,402,392; June 18.
Sounding device. J. A. Jowett. 2,407,702; Sept. 17.
Sounding device, Echo. P. Orlich, G. Negel, and H. Hartz. 2,407,175; Sept. 3.
Soya compositions, Dispersible. C. L. Baker and R. H. Sams. 2,392,302; Jan. 8.
Soybean and product, Canning. A. A. Levinson, B. T. Malter, and P. L. Julian. 2,400,123; May 14.
Space heater. A. P. Livar. 2,409,981; Oct. 22.
Space heater. D. M. Trilling and G. H. Rich. 2,405,072; July 30.
Spacer and seal for building construction. G. A. Unverferth. 2,413,268; Dec. 24.
Spacer bar. W. J. Besler and J. L. Boyen. 2,396,241; Mar. 12.
Spacer, Reinforcing. R. Tatsch. 2,412,307; Dec. 10.
Spacing mechanism for key operated printing machines, Variable. W. J. Hausman. 2,411,723; Nov. 26.
Spares associated with electric apparatus, Filling confined. E. C. Lee. 2,395,886; Mar. 5.
Spark-gap and insulator, Combined. A. G. Steinmayer. 2,392,342; Jan. 8.
Spark gap for use more particularly in high-frequency ignition systems for internal-combustion engines. H. V. Stubbs. 2,397,764; Apr. 2.
Spark gap tube. B. Salzberg. 2,397,982; Apr. 9.
Spark plug. D. W. Gregory. 2,393,497; Jan. 22.
Spark plug. F. I. McCarthy and C. Schandler. 2,394,865; Feb. 12.
Spark plug. H. Rabeszana. 2,409,795; Oct. 22.
Spark plug. J. Soliveras, Jr. 2,399,299; Apr. 30.
Spark plug and mounting therefor. F. J. Orzel. 2,397,367; Mar. 26.
Spark plug and the manufacture thereof. D. H. Corbin. 2,400,917; May 28.
Spark plug construction. A. F. Mittermaier. 2,400,364; May 14.
Spark plug electrode. L. B. Pfeil. 2,392,944; Jan. 15.

Spark plug leads, Radio shielded. D. Ingalls. 2,402,049; June 11.
Spark plug setting. J. A. Fink. 2,393,359; Jan. 22.
Sparking plug. B. Hopps and C. J. Smithells. 2,408,642; Oct. 1.
Speaker attachment for radios. A. Ptacek. 2,399,508; Apr. 30.
Speaking machine. G. Fries. 2,396,563; Mar. 12.
Spear, Fish. G. O. Potter. 2,404,249; July 16.
Special tool. S. J. A. Christie. 2,404,274; July 16.
Specific gravity measuring device. W. H. Howe. 2,394,549; Feb. 12.
Spectacle and eyeglass receptacle. G. Y. Eaton. 2,408,162; Sept. 24.
Spectacle construction. R. I. Lopez. 2,392,990; Jan. 15.
Spectacle temple connection. S. E. Bouchard. 2,412,120; Dec. 3.
Spectacles. S. J. Blumenthal. 2,393,959; Feb. 5.
Spectacles and glasses protector. T. J. Sowle. 2,395,078; Feb. 19.
Spectrometer prism mounting. W. H. Avery. 2,412,940; Dec. 24.
Spectrometry, Mass. R. C. Olesen. 2,397,560; Apr. 2.
Spectrometry, Mass. H. W. Washburn. 2,412,236; Dec. 10.
Spectrometry, Mass. H. W. Washburn. 2,413,668; Dec. 31.
Spectrometry, Mass. H. W. Washburn and D. D. Taylor. 2,412,237; Dec. 10.
Spectrophotometer. S. W. Seeley. 2,413,080; Dec. 24.
Spectrophotometer, Flickering beam. E. I. Stearns, Jr. 2,413,660; Dec. 31.
Spectrophotometric system. A. P. Kruper. 2,408,023; Sept. 24.
Speech signals, Method and arrangement for scrambling. G. Guanella. 2,411,683; Nov. 26.
Speed adjusting mechanism. G. F. Drake. 2,412,605; Dec. 17.
Speed and acceleration responsive device. R. N. Lesnick. 2,403,605; July 9.
Speed-change mechanism. C. C. De Pew. 2,402,951; July 2.
Speed change system. R. S. Taylor. 2,398,814; Apr. 23.
Speed change unit. J. D. Christian. 2,407,975; Sept. 24.
Speed control and motor protector, Electric. C. N. Reavis. 2,410,998; Nov. 12.
Speed-control and synchronizing device. P. R. Price. 2,408,683; Oct. 1.
Speed control for machine tools. A. A. Scuse. 2,394,209; Feb. 5.
Speed control mechanism. C. R. Alden. 2,395,707; Feb. 26.
Speed control system. E. M. Sorensen. 2,408,451; Oct. 1.
Speed control system for electric motors. E. R. Morton and H. M. Stoller. 2,395,516; Feb. 26.
Speed control system for electric motors. H. M. Stoller. 2,395,517; Feb. 26.
Speed control valve. A. L. Armentrout. 2,400,186; May 14.
Speed device, Variable. G. H. Frangquist. 2,399,177; Apr. 30.
Speed differential detecting means. C. D. Stewart. 2,395,203; Feb. 19.
Speed governor switch. P. L. Mardis. 2,412,347; Dec. 10.
Speed indicator. F. W. Nyquist. 2,399,448; Apr. 30.
Speed limiting device for hydraulic turbine rotors, Automatic. P. W. Seewer. 2,407,454; Sept. 10.
Speed reducing unit. R. K. Lee. 2,396,860; Mar. 19.
Speed regulating device. J. L. Russell. 2,399,574; Apr. 30.
Speed responsive clutch. A. Y. Dodge. 2,398,885; Apr. 23.
Spherical liquid fuel burner. J. L. Breese. 2,393,231; Jan. 22.
Spike, Track. C. H. Sandberg. 2,401,967; June 11.
Spindle adjustment means. E. S. Wood. 2,413,092; Dec. 24.
Spindle bearing. J. J. Osplack. 2,408,995; Oct. 8.
Spindle brake. V. A. Burnham. 2,411,127; Nov. 12.
Spindle, Collapsible and expansible. H. C. Wolfenden. 2,413,091; Dec. 24.
Spindle, Lathe. J. C. Galloway. 2,392,037; Jan. 1.
Spindle, Multiple filing. A. H. Youngstrom. 2,407,732; Sept. 17.
Spindle lock. M. Falk. 2,400,403; May 14.
Spindle, Oil circulating. C. M. Neal. 2,410,388; Oct. 29.
Spinner. C. H. Kuhn. 2,412,519; Dec. 10.
Spinner assembly. W. H. Hunter. 2,401,247; May 28.
Spinner, Drill pipe. C. Prather and F. A. Rydberg. 2,400,712; May 21.
Spinning and twisting machine. H. A. Boyd. 2,410,705; Nov. 5.
Spinning and twisting ring. G. F. Albrecht. 2,403,255; July 2.
Spinning apparatus and method. R. M. Hoffman. 2,398,831; Apr. 23.
Spinning mechanism. R. B. Metzner. 2,398,438; Apr. 16.
Spinning process. F. B. Cramer. 2,412,969; Dec. 24.
Spinning tool. A. I. Appleton and C. H. Stahl. 2,410,476; Nov. 5.
Spinning, twisting, and like machines, Twisting spindle for. G. Curtis. 2,402,028; June 11.
Spirals, Machine for making. W. F. H. Braun. 2,401,720; June 11.
Splashproof traction motor. E. O. Mueller and R. H. Wagner. 2,404,979; July 30.
Splice frog for temporarily joining motion-picture film sections. J. Yolo. 2,409,092; Oct. 8.
Splicer, Core. C. C. Frame. 2,407,070; Sept. 3.
Spline device for structural units, Interlocking. W. J. Mulligan. 2,400,162; May 14.
Splines, Mechanism for control of. W. A. Williams. 2,401,536; June 4.
Splint. J. C. Butler. 2,397,648; Apr. 2.
Splint. J. M. Naragon. 2,400,772; May 21.
Splint, Adjustable. G. Richmond. 2,401,107; May 28.
Splint, Adjustable nose. J. G. Bonde. 2,398,073; Apr. 9.
Splint, Bone. O. Stader. 2,393,831; Jan. 29.
Splint, Fracture. R. Anderson. 2,406,987; Sept. 3.
Splint, Surgical. W. J. Crawford. 2,408,195; Oct. 15.
Splint, Traction. J. Kolarik. 2,413,053; Dec. 24.
Splint, Universal. A. B. Auerhaan. 2,394,653; Feb. 12.
Split induction coil furnace. J. H. Fiedel-Beck. 2,403,969; July 16.
Split-phase servomotor control. S. Bertram. 2,411,357; Nov. 19.
Split sealing rings, Method and apparatus for finishing. H. A. Thorndike. 2,401,279; May 28.
Splitting machine. F. Ashworth. 2,393,730; Jan. 29.
Spoiler control means for airplanes. O. C. Koppen. 2,410,855; Nov. 12.
Sponges, Method and machine for making surgical. C. W. Mott. 2,400,250; May 14.
Sponson, Seaplane. J. D. Pierson. 2,403,754; July 9.
Spool. R. V. Olson. 2,392,612; Jan. 8.
Spool, Film. B. C. Roehrl. 2,400,024; May 7.
Spool for wire-stranding machines. S. Krizsan, Jr. 2,404,237; July 16.
Spool, Multiple ribbon. D. Schwartz. 2,396,805; Mar. 19.
Spoon. C. M. Welch. 2,401,534; June 4.
Spoon, Measuring. L. Frank. 2,396,943; Mar. 19.
Spot facing tool. L. Belanger. 2,404,027; July 16.
Spot gauge. H. Bieg. 2,412,489; Dec. 10.
Spot lamp. W. W. Garstang and W. E. Peck. 2,396,998; Mar. 19.
Spot-weld edge gauge. B. Gross and L. W. Cornwall. 2,408,847; Oct. 8.
Spot welding. E. T. Ridgway. 2,412,175; Dec. 3.
Spot welding apparatus. C. W. Sidney. 2,395,977; Mar. 5.
Spout, Filling. R. and H. Bentley. 2,409,532; Oct. 15.
Spray compositions. C. D. Dolman. 2,412,720; Dec. 17.
Spray crystallizing apparatus. C. P. Davis. 2,396,689; Mar. 19.
Sprayed layers, Forming. W. F. Bonner. 2,401,220; May 28.
Sprayer, Automatic. H. G. Grass. 2,411,964; Dec. 3.
Sprayer, Portable. R. W. and C. E. Wilkinson. 2,394,415; Feb. 5.
Spraying apparatus. A. E. Collins. 2,404,217; July 16.
Spraying apparatus. H. S. Garabedian. 2,398,369; Apr. 16.
Spraying apparatus. H. Singer. 2,411,343; Nov. 19.
Spraying apparatus, Metal. W. E. Ballard. 2,411,409; Nov. 19.
Spraying device. E. J. Chmielowiec. 2,397,455; Mar. 26.
Spraying device. M. S. Dunkelberger. 2,395,598; Feb. 12.
Spraying device, Air. J. A. Paasche. 2,401,503; June 4.
Spraying device for dishwashing apparatus, Fluid. H. F. Lyman. 2,382,540; Jan. 8.
Spraying device for liquids. E. W. Vose. 2,399,081; Apr. 23.
Spraying machine. R. L. Griffin. 2,397,482; Apr. 2.
Spraying machine. R. Jeffords. 2,394,781; Feb. 12.
Spraying machine. H. J. Paynter. 2,403,994; July 16.
Spraying, Method of and apparatus for. N. C. Christensen. 2,404,273; July 16.
Spreader and dump box. W. G. Werts. 2,393,849; Jan. 29.
Spreader box. W. J. Miller. 2,403,820; July 9.
Spreader, Detachable manure. R. P. Messenger, A. E. W. Johnson, and W. F. Schmied. 2,410,953; Nov. 12.
Spreader, Hair pin. E. Byron. 2,406,060; Aug. 20.
Spreader having adjustable feed mechanism, Manure. W. F. Schmied. 2,407,104; Sept. 3.
Spreader, Lipstick. J. F. Skold. 2,398,161; Apr. 9.
Spreading agent. P. Meyer. 2,397,191; Mar. 26.
Spreading apparatus. C. W. Groncy. 2,393,502; Jan. 22.
Spring: See—
Box spring.
Helical spring. Torsion valve spring.
Spring. A. S. Krotz. 2,409,500; Oct. 15.
Spring and friction shock absorber, Combined. S. B. Haseltine. 2,410,160; Oct. 29.
Spring arrangement for railway trucks. A. G. Dean. 2,396,558; Mar. 12.
Spring assembly. H. C. Keysor. 2,410,290; Oct. 29.
Spring assembly machine. C. Tallion. 2,400,319; May 14.
Spring back support. F. D. Fields and T. H. Alfreds. 2,410,871; Nov. 12.
Spring bar. R. H. Konikoff. 2,392,092; Jan. 1.
Spring catch. D. A. Morand. 2,394,395; Feb. 5.
Spring construction. L. C. Fisher. 2,395,402; Feb. 26.

Spring construction. L. B. Jahn. 2,405,356; Aug. 6.
Spring construction. A. Mouw. 2,404,883; July 30.
Spring construction, Upholstered. W. H. Neely. 2,407,933; Sept. 17.
Spring device. A. Svoboda. 2,395,768; Feb. 26.
Spring element and construction. A. Krakauer. 2,403,379; July 2.
Spring for binder knotters, Grain. P. Sutcliffe, Jr. 2,393,836; Jan. 29.
Spring group. F. E. Bachman. 2,399,535; Apr. 30.
Spring group. C. A. Edstrom. 2,398,700; Apr. 16.
Spring group. D. M. Light. 2,398,749–51; Apr. 16.
Spring hanger. A. B. Donkersley and J. R. Welshamn. 2,397,094; Mar. 26.
Spring lay wire rope and method of and apparatus for manufacturing the same. C. L. Wright. 2,399,419; Apr. 30.
Spring loading machine. N. P. Holcomb. 2,396,700; Mar. 19.
Spring retained closure plug. B. Sarafin. 2,398,043; Apr. 9.
Spring suspension. C. H. Chapin. 2,413,291; Dec. 31.
Spring suspension. E. T. Ridgway. 2,411,337; Nov. 19.
Spring suspension for saddles. S. du Pont. 2,398,211; Apr. 9.
Spring suspension, Vehicle. A. F. Hickman. 2,399,226; Apr. 30.
Spring type switch bracket. A. L. Clymer and F. W. Milner. 2,401,294; June 4.
Springs, Electroplated drift free. F. R. Hensel, E. I. Larsen, and A. M. Suggs. 2,406,683; Aug. 27.
Springs, Eye plate attachment for coiled. W. F. Liber. 2,400,425; May 14.
Sprinkler, Automatic lawn. G. Covey. 2,395,253; Feb. 19.
Sprinkler head. R. E. Carlson. 2,408,196; Sept. 24.
Sprinkler, Lawn. A. De Mott. 2,410,930; Nov. 12.
Sprinkler, Lawn. C. D. Glover. 2,399,112; Apr. 23.
Sprinkler, Lawn. H. A. Scherrer. 2,403,953; July 16.
Sprocket and jackshaft connection for motor vehicles. H. J. Williams. 2,402,266; June 18.
Sprocket device. L. A. McNabb. 2,410,121; Oct. 29.
Sprocket drive, Tractor. J. E. Lill. 2,406,230; Aug. 20.
Spur gear testing machine. L. D. Martin. 2,394,623; Feb. 12.
Square and bevel, Combination. L. A. Dahle. 2,406,531; Aug. 27.
Square, Mechanic's. E. I. King. 2,404,911; July 30.
Squeegee device. J. J. Berry. 2,399,538; Apr. 30.
Squeezer, Fruit juice. C. A. Feltman. 2,413,178; Dec. 24.
Squeezer yoke, Precision. H. S. Sines. Re. 22,743; Apr. 9.
Stabilization of butadiene. L. F. Hatch, D. E. Adelson, and B. O. Blackburn. 2,402,113; June 11.
Stabilization of zein solutions. J. R. Caldwell. 2,397,919; Apr. 9.
Stabilization of zein with ethylene oxide. H. J. Hagemeyer, Jr. 2,401,685; June 4.
Stabilized composition and method. B. B. McHan. 2,403,010; July 2.
Stabilized polyvinyl fluoride. F. L. Johnston. 2,406,837; Sept. 3.
Stabilized 2-chlor-butene-2. C. B. Gardenier. 2,407,149; Sept. 3.
Stabilizer. S. S. Moore. 2,399,284; Apr. 30.
Stabilizer apparatus. C. R. Hanna. 2,404,172; July 16.
Stabilizer, Automatic. G. Grimminger. 2,411,156; Nov. 19.
Stabilizer, Welding arc. W. W. Perrin. 2,406,474; Aug. 27.
Stabilizing apparatus. L. B. Lynn and C. R. Hanna. 2,411,550; Nov. 26.
Stabilizing apparatus. J. G. Ritter. 2,395,940; Mar. 5.
Stabilizing means for tension elements hanging with sag to sustain loading between supports. M. R. Wolfard. 2,413,019; Dec. 24.
Stabilizing mechanism. E. J. Poitras and J. D. Tear. 2,405,051; July 30.
Stabilizing or deactivating sludges, precipitates, and residues occurring or used in the manufacture of tetraalkyl leads. F. B. Downing and A. L. Linch. 2,407,261; Sept. 10.
Stabilizing or deactivating sludges, precipitates, and residues occurring or used in the manufacture of tetraalkyl leads. A. L. Linch. 2,407,262–3; Sept. 10.
Stabilizing or deactivating sludges, precipitates, and residues occurring or used in the manufacture of tetraalkyl leads. A. L. Linch. 2,407,307; Sept. 10.
Stabilizing system, Frequency. M. Ziegler, J. F. Visscher, and L. J. Cavaliero. 2,406,125; Aug. 20.
Stable alumina and impregnated alumina catalysts, Manufacture of. H. B. Weiser, E. A. Smith, and J. S. Mackay. 2,406,420; Aug. 27.
Stable dispersions of alkyl alkacrylate polymers, Preparation of. J. E. Smith. 2,407,107; Sept. 3.
Stable pulse generator. D. D. Grieg. 2,408,061; Sept. 24.
Stable rosin esters, Preparing. F. J. Webb. 2,409,173; Oct. 8.
Stable vertical. H. C. Ford and E. P. Ross. 2,411,087; Nov. 12.
Stacker. N. O. Dokken. 2,401,142; May 28.
Stacker and loader, Combined. E. A. Nehring. 2,402,071; June 11.
Stacker, Buck rake. D. M. Williams. 2,404,154; July 16.
Stacker, Sheet. D. P. Glush and J. A. Clauss. 2,412,085; Dec. 3.
Stacking and banding device, Stocking. E. R. Ammon. 2,404,205; July 16.
Stacking apparatus. W. F. Burke. 2,398,777; Apr. 23.
Stacking attachment for tractors, Hay. E. Watson. 2,407,593; Sept. 10.
Stacking box. E. T. Insoll. 2,410,216; Oct. 29.
Stacking machine. S. P. Mathers. 2,403,942; July 16.
Stacking mechanism, Carton. H. S. Labombarde. 2,392,746; Jan. 8.
Standimeter. T. O. Brandon. 2,403,965; July 16.
Staging, Adjustable. O. Aukland. 2,406,786; Sept. 3.
Stain removing composition. H. E. Wassell. 2,393,865; Jan. 29.
Stainless clad rolled steel strip, Manufacture of ductile. J. S. Nachtman. 2,402,834; June 25.
Stainless steel, Electropolishing. G. J. Beckwith. 2,411,410; Nov. 19.
Stainless steel, Making. S. F. Urban. 2,412,661; Dec. 17.
Stair construction. M. Hurley. 2,406,497; Aug. 27.
Stairway, Disappearing. W. D. Eakin. 2,393,759; Jan. 29.
Stairway, Moving. W. F. Eames. 2,408,203; Sept. 24.
Stake, Trapper's. I. W. Wampler. 2,406,180; Aug. 20.
Stamp, Self-inking rubber. J. L. Weisenthal. 2,398,509; Apr. 16.
Stamping, Hoe wheel plate. G. E. Karl. 2,406,500; Aug. 27.
Stamping machine. F. L. Hetzel and V. E. Carstedt. 2,393,683; Jan. 29.
Stand: See—
Adjustable drafting stand.
Disk grinding stand.
Engine work stand.
Extensible stand.
Folding barricade stand.
Folding work stand.
Gluing stand.
Hairpin stand.
Last stand.
Mill roll stand.
Motion display stand.
Starter test stand.
Tire handling stand.
Unitary foldable music stand.
Work stand.
Stand and service table, Convertible appliance. W. I. Evans. 2,409,348; Oct. 15.
Stand for bicycles. F. W. Schwinn. 2,395,148; Feb. 19.
Stand for bicycles. F. W. Schwinn. 2,396,890; Mar. 19.
Stand for clocks, Lamp. B. P. Rucker. 2,392,696; Jan. 8.
Staple. A. O. Simonds. 2,393,715; Jan. 29.
Staple fiber, Production of. R. A. Smith. 2,407,109; Sept. 3.
Staple puller. D. C. Goessel. 2,400,988; May 28.
Stapler. H. Ruskin. 2,399,761; May 7.
Staples, Driving. D. R. La Place. 2,392,160; Jan. 1.
Stapling. D. R. La Place. 2,392,159; Jan. 1
Stapling apparatus. J. C. Lang. 2,392,327; Jan. 8.
Stapling machine. H. S. Heller. 2,409,854; Oct. 22.
Stapling machine. J. C. Lang. 2,408,563; Oct. 1.
Stapling machine. C. E. Wickens. 2,396,356; Mar. 12.
Star drill. J. Knott. 2,398,231; Apr. 9.
Starch and method, Thick pasting. L. O. Gill and J. W. McDonald. 2,407,071; Sept. 3.
Starch composition, Nongelling. J. W. Evans. 2,400,402; May 14.
Starch conversion syrup, Making. F. H. Brock and C. E. Smith. 2,410,264; Oct. 29.
Starch esters, Producing. M. G. Groen. 2,412,213; Dec. 10.
Starch, Gelatinization of. B. F. Buchanan and R. L. Lloyd. 2,406,585; Aug. 27.
Starch, Hydrolysis of. W. R. Fetzer. 2,393,095; Jan. 15.
Starch, Preparing soluble allyl. P. L. Nichols, Jr., P. E. Meiss, and E. Yanovsky. 2,413,463; Dec. 31.
Starch solubilization. G. P. Vincent. 2,409,085; Oct. 8.
Starch, Sterilization of. A. J. Bulfer. 2,401,813; June 11.
Starter and generator drive, Combined. H. W. Gilfillan. 2,402,547; June 25.
Starter, Automatic. E. L. Luaces and M. A. Crosby. 2,402,564; June 25.
Starter, Automatic electric. J. S. Kauffman. 2,399,230; Apr. 30.
Starter drive, Engine. M. P. Whitney, J. E. Buxton, and D. L. Miller. 2,407,048; Sept. 3.
Starter, Fluorescent switch. L. A. Harrawood. 2,408,165; Sept. 24.
Starter for internal-combustion engines. J. E. Buxton. 2,396,986; Mar. 19.
Starter for welding machines, Magnetic arc. J. M. Tyrner. 2,399,771; May 7.
Starter test stand. P. F. Scofield. 2,405,060; July 30.
Starting and ignition system for internal-combustion engines, Electrical. R. E. Slayton. 2,398,259; Apr. 9.
Starting apparatus, Engine. H. A. Thornburg. 2,400,789; May 21.
Starting device. T. A. Daly. 2,403,056; July 2.
Starting mechanism, Engine. H. D. Hoekstra. 2,413,045; Dec. 24.
Starting switch. W. C. Ballard, Jr., E. Coron and W. Cepek. 2,400,624; May 21.
Starting switch. F. P. Gasser. 2,412,883; Dec. 17.

Stationary concave screen. W. F. MacGregor. 2,409,292 Oct. 15.
Stationary flash calcining furnace. H. V. Pedersen 2,412,286; Dec. 10.
Statistical machine, Record controlled. A. Thomas and A. W. Excell. 2,401,671; June 4.
Stator for electric machines. V. A. Hoover. 2,408,854; Oct. 8.
Stator, Turbine. V. H. Pavlecka. 2,405,164; Aug. 6.
Stave and making same, Bearing. T. L. Gatke. 2,409,267; Oct. 15.
Staybolt. F. P. Huston, L. A. Burrows, and W. E. Lawson. 2,412,887; Dec. 17.
Staybolts, Manufacture of hollow. G. R. Greenslade and F. K. Landgraf. 2,406,539; Aug. 27.
Stay for corsets. I. Panes. 2,405,900; Aug. 13.
Steam-actuated valves, Cushioning. L. B. Jones. 2,408,980; Oct. 8.
Steam boiler. W. E. Tiemeier. 2,393,205; Jan. 15.
Steam boiler. V. Tribuson. 2,401,988; June 11.
Steam engine. E. S. Hall. 2,406,291; Aug. 20.
Steam engine. C. C. Williams. 2,402,699; June 25.
Steam generating apparatus. M. H. Kuhner. 2,392,325; Jan. 8.
Steam generating system. J. P. Badenhausen. 2,395,951; Mar. 5.
Steam generator. J. P. Badenhausen. 2,412,115; Dec. 3.
Steam generator. J. P. Badenhausen. 2,412,856; Dec. 17.
Steam generator. E. G. Bailey. 2,397,523; Apr. 2.
Steam generator. C. C. Chandler. 2,402,803; June 25.
Steam generator. F. Falla. 2,402,993; July 2.
Steam generator. K. F. Nordlund. 2,403,017; July 2.
Steam generator. N. G. Qvarfordt. 2,395,580; Feb. 26.
Steam generator furnace J. P. Badenhausen. 2,391,860; Jan. 1.
Steam iron. R. I. Felver. 2,411,199; Nov. 19.
Steam joint. L. Hornbostel. 2,402,224; June 18.
Steaming and pressing iron. L. V. Lucia and E. H. Bassett. 2,411,738; Nov. 26.
Steel, Alloy. J. W. Halley. 2,402,135; June 18.
Steel, Alloy. W. H. Hatfield. 2,402,814; June 25.
Steel, Alloy. L. G. Selmi and C. L. Altenburger. 2,395,686–8; Feb. 26.
Steel and coating same, Stainless. I. C. Clingan. 2,394,899; Feb. 12.
Steel and other sheet metals welder's holst. J. W. Seamans. 2,394,265; Feb. 5.
Steel article. G. Becker, K. Daeves, and F. Steinberg. 2,399,848; May 7.
Steel articles, Alloy. H. S. Schaufus. 2,400,842; May 21.
Steel, Cold die working scaled stainless. J. M. Fenner, R. E. Griffiths, and A. W. Harris. 2,393,675; Jan. 29.
Steel components and manufacturing same, Welded. J. J. Ryan. 2,397,206; Mar. 26.
Steel for high temperature service. E. C. Wright. 2,401,851; June 11.
Steel guide, Drill. E. A. Rice. 2,394,806; Feb. 12.
Steel hardened with titanium, Shock-resistant silicon. L. M. Brown. 2,409,016; Oct. 8.
Steel, Hawaiian electric guitar. J. W. McDaniel. 2,392,937; Jan. 15.
Steel, Nitriding. A. F. Holden. 2,395,329; Feb. 19.
Steel product and making same, Carbon-molybdenum. H. J. Kerr. 2,396,704; Mar. 19.
Steel, Production of non-aging. J. D. Gat and S. C. Snyder. 2,405,946; Aug. 20.
Steel rack. G. A. Nielsen. 2,398,153; Apr. 9.
Steel, Roughening. C. A. Escoffery. 2,411,532; Nov. 26.
Steel scrap, Reclamation of tool. J. Wulff. 2,394,578; Feb. 12.
Steel sheet and product obtained thereby, Inhibiting the rusting of. C. B. Durgin. 2,398,212; Apr. 9.
Steel sheets, Flattening silicon. C. E. Gifford, V. W. Carpenter, and L. L. Cook. 2,412,041; Dec. 3.
Steel sheets, Making manganese. J. A. Eckel. 2,401,818; June 11.
Steel, Treating boron containing. R. A. Grange. 2,400,302; May 14.
Steel, Treating inherently precipitation-hardenable chromium-nickle stainless. R. H. Aborn. 2,395,608; Feb. 26.
Steel, Treatment of manganese. C. W. Weesner and W. B. Leffingwell. 2,410,322; Oct. 29.
Steel tubes, Bright polishing stainless. I. Whetehouse and V. S. Chambers. 2,412,186; Dec. 3.
Steel with different temper, Providing inherently aging chromium nickel stainless. E. H. Wyche and R. Smith. 2,397,997; Apr. 9.
Steels and articles of manufacture produced therefrom, Beryllium alloy. E. G. Touceda and R. P. De Vries. 2,393,488; Jan. 22.
Steels, Bearing. F. R. Bonte. 2,413,602; Dec. 31.
Steels containing chromium, Deep drawing. W. Crafts and C. G. Chadwick. 2,397,244; Mar. 26.
Steels, Pickling. J. J. Healy, Jr., M. H. Taylor, and F. A. Abbiati. 2,408,424; Oct. 1.
Steering apparatus. M. Goodman. 2,394,854; Feb. 12.
Steering apparatus. L. Hammond. 2,408,929; Oct. 8.
Steering apparatus, Power. F. W. Davis. 2,410,049; Oct. 29.
Steering brake. H. A. Knox. 2,395,882; Mar. 5.
Steering control. A. D. Trenor. 2,396,478; Mar. 12.
Steering device. A. V. Bedford. 2,404,942; July 30.
Steering device, Amphibian. G. A. Reynolds, Jr. 2,408,955; Oct. 8.
Steering device, Booster. G. E. Armington. 2,403,325; July 2.
Steering device for aircraft or other vessels. W. G. Wilson. 2,412,486; Dec. 10.
Steering device for vehicle combinations, Power. R. G. Le Tourneau. 2,399,278; Apr. 30.
Steering differential. R. L. Akers. 2,400,728; May 21.
Steering mechanism. W. T. Stephens. 2,411,119; Nov. 12.
Steering mechanism, Amphibian. J. M. Hait. 2,404,491; July 23.
Steering mechanism, Amphibian. D. R. Rankin and G. A. Reynolds, Jr. 2,404,528; July 23.
Steering mechanism, Electric power. R. G. Le Tourneau. 2,400,868; May 28.
Steering mechanism, Gyroscopic. C. M. Hayman. 2,403,658; July 9.
Steering mechanism, Hand and power. A. V. Walker. 2,401,532; June 4.
Steering wheel. H. F. George. 2,408,388; Oct. 1.
Stem for boats, Keel and prow. E. N. Klonaris. 2,399,042; Apr. 23.
Stemming and shredding apparatus. R. E. Rundell. 2,398,450; Apr. 16.
Stencil, Electrolytic. A. R. Lindsay. 2,405,508; Aug. 6.
Stencil, Sandblast. A. J. Wartha. 2,410,472; Nov. 5.
Stencil set. H. T. C. Rosenlund. 2,402,346; June 18.
Stenciling. J. T. Penton. 2,408,578; Oct. 1.
Stencils, Making, Screen. J. B. Brennan and E. L. Marsh. 2,395,448; Feb. 26.
Stenographic machine. C. W. Johnson, J. G. Sterling, and M. H. and R. T. Wright. 2,393,781; Jan. 29.
Stenographic machine. M. H. Wright. 2,392,078; Jan. 1.
Step, Adjustable stilt. C. B. Higgins. 2,410,582; Nov. 5.
Step-by-step follow-up and antihunt mechanism. G. S. Miles. 2,409,300; Oct. 15.
Stepladder. G. W. Call. 2,397,468; Apr. 2.
Stepladder. F. M. Spayd. 2,396,028; Mar. 5.
Step, Vehicle. A. B. Carmichael. 2,409,418; Oct. 15.
Stereo system. F. F. Tuttle. 2,396,902; Mar. 19.
Stereoscope. C. P. Hulst. 2,396,510; Mar. 12.
Stereoscopic apparatus in relation to cinematograph reproduction and television. A. P. Franklin. 2,410,725; Nov. 5.
Stereoscopic presentation of pictures. F. W. M. Matthews. 2,401,173; May 28.
Sterilizer. J. C. Cleaver and J. V. Resek. 2,398,770; Apr. 23.
Sterilizer, Shoe. M. F. Fortney. 2,413,494; Dec. 31.
Sterilizing materials and making the same. I. and W. Kreidl. 2,396,514; Mar. 12.
Sterilizing method and system. A. J. Salle. 2,397,292; Mar. 26.
Sterilizing products and making them. I. and W. Kreidl. 2,396,515; Mar. 12.
Steroid derivatives. H. R. Rosenberg and D. H. Terry. 2,393,067; Jan. 15.
Steroidal compounds, and obtaining the same. R. B. Wagner. 2,408,827–31; Oct. 8.
Steroidal compounds and obtaining the same. R. B. Wagner. 2,408,833–35; Oct. 8.
Sterol and the like from tall oil, Obtaining. J. D. Jenkins. 2,394,615; Feb. 12.
Sterol derivatives and their production. S. G. Turnbull, Jr. 2,393,075; Jan. 15.
Sterol derivatives, Producing. W. C. Mealy, H. R. Rosenberg, and D. H. Terry. 2,395,232; Feb. 19.
Sterols from yeast and other cellular material, Recovering. K. J. Goering. 2,395,115; Feb. 19.
Stick, Picker. H. Carlson. 2,407,398; Sept. 10.
Stiff woven fabric and method, Directionally. R. C. Whitman. 2,409,089; Oct. 8.
Stiffening composition, Felt hat body. A. E. Hodshon and H. H. Tucker. 2,413,229; Dec. 24.
Stilbene derivatives, Preparing. O. Schwarzkopf. 2,410,463; Nov. 5.
Stilbene triazole azo compounds, Metallizable. E. Keller. 2,394,998; Feb. 19.
Still. P. C. Morse. 2,398,842; Apr. 23.
Still, High vacuum fractionating. H. J. Wollner, J. R. Matchett, and J. Levine. 2,406,421; Aug. 27.
Stimulants and making them, Plant. G. B. Barnhill. 2,392,518; Jan. 8.
Stimulator. J. C. Hinsey and W. A. Geohegan. 2,410,499; Nov. 5.
Stinger. L. D. Glantvalley. 2,412,083; Dec. 3.
Stirring device. H. A. Verbrugge. 2,396,975; Mar. 19.
Stitch formation. J. H. Pikul. 2,409,149; Oct. 8.
Stitches, Transferring. J. Sirmay. 2,397,456; Mar. 26.
Stitching machine. W. R. Spiller and L. D. Barley. 2,398,053; Apr. 9.
Stitching machine. W. R. Spiller and R. J. Niederhauser. 2,405,800; Aug. 13.
Stitching machine, Automatic tire. C. S. McChesney. 2,404,449; July 23.
Stitching machine, Slip. C. W. Johnson and J. A. Neumair. 2,409,045; Oct. 8.
Stitching machine, Zigzag. A. Fredericks. 2,396,169; Mar. 5.

Stock, Controlling advancement of. W. B. Ewing. 2,405,198; Aug. 6.
Stock feeding mechanism. R. A. Freeman. 2,392,138; Jan. 1.
Stock supporting table. J. Breslav. 2,408,730; Oct. 8.
Stocking. A. A. Sanderson. 2,405,331; Aug. 6.
Stocking protector. B. Cooper. 2,394,844; Feb. 12.
Stocking, Seamless. G. Norman. 2,408,440; Oct. 1.
Stoker. C. M. Jesperson. 2,392,480; Jan. 8.
Stoker. G. A. Kohout. 2,398,431; Apr. 16.
Stoker. H. F. Lawrence. 2,408,321; Sept. 24.
Stoker. W. A. Riddell. 2,392,189; Jan. 1.
Stoker. W. M. Schweickart and F. G. Julyan. 2,405,982; Aug. 20.
Stoker. C. K. Steins. 2,410,529; Nov. 5.
Stoker apparatus. D. J. Mosshart. 2,400,706; May 21.
Stoker apparatus. D. J. Mosshart. 2,402,906; June 25.
Stoker apparatus, Spreader. W. Kessler. 2,404,847–8; July 30.
Stoker, Automatic. W. M. Fulton. 2,402,810; June 25.
Stoker, Coal. E. A. Strang. 2,396,899; Mar. 19.
Stoker control. W. W. Hallinan. 2,393,680; Jan. 29.
Stoker feed mechanism. C. R. Barr. 2,411,703; Nov. 26.
Stoker, Furnace. W. P. Biddle, Jr., and H. W. Sanford, Jr. 2,404,211; July 16.
Stoker, Multiple retort. G. P. Jackson. 2,398,009; Apr. 9.
Stoker smoking pipe. T. Robertson. 2,402,914; June 25.
Stoker, Underfeed. E. H. Smith. 2,392,340; Jan. 8.
Stool or the like, Knockdown. W. C. Panzer. 2,408,337; Sept. 24.
Stool seat. E. L. Furbish. 2,410,727; Nov. 5.
Stool, Step. G. Pearle. 2,400,779; May 21.
Stop, Box and lid. G. E. Stilwell. 2,397,217; Mar. 26.
Stop-cock. N. Brewer. 2,412,597; Dec. 17.
Stop control means for stop motions for warping or beaming plants. F. Lambach and W. Siegel. 2,400,556; May 21.
Stop device. H. L. Trautmann. 2,402,353; June 18.
Stop for lathe spindle, Adjustable. H. Bailey. 2,398,278; Apr. 9.
Stop for phonographs, Automatic. C. M. Sinnett. 2,405,526; Aug. 6.
Stop for strand covering machines. H. L. Crum. 2,412,324; Dec. 10.
Stop means for free piston engines, Strain relieving and dephasing. F. M. Lewis. 2,409,218; Oct. 15.
Stop means for rotating shafts. V. A. Hoover. 2,397,861; Apr. 2.
Stop mechanism. O. J. E. Olsson. 2,405,709; Aug. 13.
Stop motion device. W. A. Ingalls. 2,402,816; June 25.
Stop motion for knitting machines. A. Crawford. 2,410,718; Nov. 5.
Stop motion for warping or beaming plants, Electrically operated. F. Lambach and W. Siegel. 2,405,218; Aug. 6.
Stop, Sea. J. D. Langdon. 2,403,806; July 9.
Stopper. H. J. Billing and G. A. G. Fazekas. 2,396,035; Mar. 5.
Stopper for sinks and the like, Overflow. M. A. Nichol. 2,394,094; Feb. 5.
Stopping mechanism for weft replenishing looms. V. F. Separich. 2,410,687; Nov. 5.
Stops for slide fasteners and apparatus for making the same, Bridge. M. Norkin. 2,397,037; Mar. 19.
Storage amplifier circuit. K. Schlesinger. 2,403,956; July 16.
Storage and dispensing device. J. J. Garubo. 2,410,410; Nov. 5.
Storage and transporting mechanism, Wool. A. M. Stevens. 2,412,844; Dec. 17.
Storage arrangement. T. E. Foulkes. 2,405,416; Aug. 6.
Storage battery. W. F. Donkin. 2,409,841; Oct. 22.
Storage battery container. E. Graf. 2,396,323; Mar. 12.
Storage tank. H. A. Schmitz, Jr. 2,395,685; Feb. 26.
Storage tank. H. A. Starret. 2,408,105; Sept. 24.
Storage tank and constructing same. W. Neff. 2,413,243; Dec. 24.
Storing and repeating device, Impulse. G. Deakin and E. S. McLarn. 2,411,526; Nov. 26.
Storm sash and screen, Convertible combination. H. O. Carroll. 2,405,112; Aug. 6.
Stove. E. Esson. 2,410,576; Nov. 5.
Stove. J. J. Hallum, Sr. 2,401,928; June 11.
Stove. S. B. Rymer. 2,394,811; Feb. 12.
Stove. W. E. Shoemaker. 2,398,508; Apr. 16.
Stove. F. K. Westlake and R. E. Rasmuson. 2,394,828; Feb. 12.
Stove construction. H. M. Reeves. 2,411,464; Nov. 19.
Stove construction, Cook. C. M. Breed and H. Kirchhofer. 2,395,532; Feb. 26.
Stove for burning solid fuels and an ash container therefor. E. Esson. 2,408,921; Oct. 8.
Stove for closed rooms or the like, Heating. D. Canchaner. 2,397,470; Apr. 2.
Stove, Heating. F. T. Agricola and H. H. Fleer. 2,400,901; May 28.
Stove, Heating. W. A. Griswold. 2,394,441; Feb. 5.
Stove, Hot-blast. A. Bowland. 2,408,728; Oct. 8.
Stove, Magazine feed. H. W. Sanford and W. P. Biddle, Jr. 2,403,829; July 9.
Stovepipe. F. R. Jackes and S. Strano. 2,393,168; Jan. 15.
Stove, Portable. B. W. Tullis. 2,397,766; Apr. 2.
Stove, Solid fuel heating. P. S. Martin. 2,399,814; May 7.
Stove structure. J. L. Breese. 2,393,232; Jan. 22.
Straightening device, Hair. T. H. Jones. 2,400,696; May 21.
Strain gauge. E. E. Simmons, Jr. 2,393,714; Jan. 29.
Strain measuring system. B. F. Langer and K. L. Wommack. 2,394,079; Feb. 5.
Strain measuring system. E. P. Wheaton and R. H. Ostergren. 2,393,669; Jan. 29.
Strain relief means for electrical cords. H. W. Heyman. 2,398,002; Apr. 9.
Strainer. A. Hock. 2,412,400; Dec. 10.
Strainer. P. J. Udell. 2,398,978; Apr. 23.
Strainer. R. R. Whiting. 2,397,176; Mar. 26.
Strainer and sump, Combined. L. A. Kisch. 2,394,076; Feb. 5.
Strainer attachment. M. G. Hassel. 2,400,642; May 21.
Strainer, Faucet. H. B. Lewis and G. M. Larson. 2,395,227; Feb. 19.
Strainer, Grease. E. W. Davis. 2,404,621; July 23.
Strainer, Milk. D. O. Brant. 2,410,010; Oct. 29.
Strainer, Oil. R. C. Feagin. 2,399,994; May 7.
Strainer or egg poacher. L. Frank. 2,404,130; July 16.
Strainer provided with a sediment chamber, Suction. J. F. Griffin and E. Rawson. 2,412,043; Dec. 3.
Straining device, Self-cleaning. W. R. Dodge. 2,408,741; Oct. 8.
Strand forming apparatus. W. C. Ewaldson. 2,409,670; Oct. 22.
Strand, Glass fiber. L. P. Biefeld. 2,392,805; Jan. 15.
Strand handling apparatus and handling strands. E. E. Franz. 2,393,243; Jan. 22.
Strand material, Coated. L. T. Work and D. L. Mathias. 2,395,157; Feb. 19.
Strand packaging apparatus. A. E. Winslow. 2,400,324; May 14.
Stranded cables, Method and apparatus for producing. R. P. Ashbaugh and A. G. Hall. 2,412,196; Dec. 10.
Stranding machine, Wire. W. E. Somerville. 2,398,865; Apr. 23.
Strands to form ply constructions, Twisting of. A. P. Lewis. 2,400,697; May 21.
Strap and power stick for looms, Lug. F. L. Furgal. 2,409,482; Oct. 15.
Strap, Fracture frame. A. B. Eckl. 2,411,417; Nov. 19.
Strap, Watch. A. R. Lo Curto. 2,397,797; Apr. 2.
Strap, Wrist watch. W. Forstner. 2,401,297; June 4.
Strap, Wrist watch. D. B. Hickman. 2,394,856; Feb. 12.
Strap, Wrist watch. J. C. Nienaber. 2,400,594; May 21.
Straw and milk container combination. M. L. Georgopoulos. 2,395,734; Feb. 26.
Stretcher. H. B. Johnson. 2,392,850; Jan. 15.
Stretcher. M. R. Peters. 2,410,181; Oct. 29.
Stretcher. F. A. Selb. 2,391,928; Jan. 1.
Stretcher and former, Hat. L. D. Murray and F. M. Gallo. 2,411,746; Nov. 26.
Stretcher, Body splint. J. M. Liptay and A. Restivo. 2,400,426; May 14.
Stretcher, Foldable. E. Koller. 2,394,245; Feb. 5.
Stretcher, Foldable. G. B. Leather and W. H. Wallbanks. 2,407,085; Sept. 3.
Stretcher, Folding. C. C. Haggard and J. B. Meehan. 2,409,934; Oct. 22.
Stretcher for crochet mats. A. C. Ferguson. 2,413,041; Dec. 24.
Stretcher or litter and bed, Combined. E. Schmid. 2,396,931; Mar. 19.
Stretcher, Sock. B. A. Gear. 2,413,305; Dec. 31.
Stretching cloth. M. Weidenfeld. 2,398,063; Apr. 9.
Stretching device. R. J. Taylor. 2,400,787; May 21.
Strike plate or door latch keeper. R. P. Edwards. 2,412,497; Dec. 10.
Striking device. P. F. Seibold. 2,402,920; June 25.
Striking line holder. R. J. Pomeroy. 2,398,805; Apr. 23.
String tensioning device for musical instruments. G. Proll. 2,397,289; Mar. 26.
Stringer scoops, Method and apparatus for removing. L. H. Morin. 2,394,197; Feb. 5.
Stringers, Slide coupling separable fastener. L. H. Morin. 2,401,313; June 4.
Stringers, Two way separable coupling fastener. D. Marinsky. 2,395,677; Feb. 26.
Strip assembling and finishing machine. A. B. Gardella. 2,392,375; Jan. 8.
Strip, Beading. L. Spraragen. 2,400,470; May 14.
Strip for inductive devices, Terminal. J. E. Ranges. 2,403,457; July 9.
Strip for sheet metal welding, Heated backing-up. W. R. Linden. 2,399,646; May 7.
Strip material, Method and apparatus for handling and treating. E. A. Wilckens. 2,402,860; June 25.
Strip metal, Reeling device for. F. J. Wood. 2,399,418; Apr. 30.
Strip metal, Rolling. J. W. Koss. 2,392,323; Jan. 8.
Strip processing. G. P. Wilson. 2,407,120; Sept. 3.
Strip serving machine, Electrically controlled. C. E. Beckman and E. B. Dodds. 2,408,363; Oct. 1.

Stripper, Seed. W. N. Nelson and L. A. Pazandak. 2,412,002; Dec. 3.
Stripping and stacking apparatus and method. C. H. Domville, Jr., and E. E. Gray. 2,392,032; Jan. 1.
Stripping apparatus. J. J. Lembitz, S. M. Martin, and J. G. Miller. 2,395,374; Feb. 19.
Stripping device, Insulated wire. J. J. Greer and A. Luongo. 2,407,238; Sept. 10.
Striping flexible strip material. E. L. Slingluff and D. R. Scheu. 2,412,429; Dec. 10.
Stroboscopic apparatus for phonographs. W. L. Nies. 2,407,996; Sept. 24.
Stroller, Baby. L. H. Eckhardt. 2,401,342; June 4.
Strong, machinable, heat-resistant alloy. E. R. Parker. 2,404,247; July 16.
Strontium aluminate phosphor. H. C. Froelich. 2,392,814; Jan. 15.
Strontium chromate pigments and preparing the same. J. D. Todd. 2,400,271; May 14.
Structural connector. A. Crot. 2,405,643; Aug. 13.
Structural element. A. T. Cape. 2,396,552; Mar. 12.
Structural material and method and apparatus for making same, Fibrous. J. Goldman. 2,407,548; Sept. 10.
Structural member. F. Kautz. 2,409,212; Oct. 15.
Structural member. H. S. Nagin. 2,406,557; Aug. 27.
Structural member, Tubular. H. E. Somes. 2,405,859; Aug. 13.
Structural unit. A. W. Franklin. 2,401,472; June 4.
Structural unit and making structures therewith. S. M. Fairchild. 2,392,844; Jan. 15.
Structure. W. T. Van Orman. 2,401,990; June 11.
Structure and making. G. E. Claussen. 2,394,984; Feb. 19.
Structure and method, Laminated. A. Hershberger. 2,403,077; July 2.
Structure, Capsule. C. C. Cochran. 2,401,617; June 4.
Structure for bending sheet metal, Die. F. Crawford. 2,405,778; Aug. 13.
Structure for cartridge belt links, Feed. P. O. Persson and C. W. Spohr. 2,405,447; Aug. 6.
Structure for electric lamps and similar devices, Seal. E. Kettlewell. 2,409,360; Oct. 15.
Structure for flexible tubes, Coupling. A. L. Parker. 2,394,632; Feb. 12.
Structure for gyratory crusher heads, Support and actuating. H. H. Rumpel. 2,409,391; Oct. 15.
Structure for incinerators, Chute. J. T. MacLaren. 2,403,941; July 16.
Structure for internal-combustion free piston engine, Casing. R. P. Ramsey. 2,406,037; Aug. 20.
Structure for jacks, Base. B. F. Johnson. 2,400,235; May 14.
Structure for laminated units, Supporting. D. T. Downes. 2,392,130; Jan. 1.
Structure for loading trailers on flatcars. B. E. Johnston. 2,405,833; Aug. 13.
Structure for overhead conductors, Excess-voltage protective. R. R. Pittman. 2,394,937; Feb. 12.
Structure for radio receiving sets. S. S. Cramer. 2,400,193; May 14.
Structure for roofs, Flashing. E. N. Smith. 2,413,588; Dec. 31.
Structure for three phase transformers, Magnetic core. C. C. Horstman. 2,411,374; Nov. 19.
Structure for welding electrodes, Storing and treating. G. M. Beimer. 2,391,940; Jan. 1.
Structure, Lead in seal. E. H. Nelson and J. Whittemore. 2,400,946; May 28.
Structure, Mask. J. E. Duggan. 2,401,415; June 4.
Structure, Metal. J. E. Byrne. 2,399,202; Apr. 30.
Structure, Retractable lamp. S. Unger. 2,401,390; June 4.
Structure, Vacuum tube. P. G. Chevigny. 2,402,602; June 25.
Structure, Wheel. G. A. Lyon. 2,397,360; Mar. 26.
Structure, Wheel. G. A. Lyon. 2,401,492; June 4.
Structures, Bonding. F. W. Ahalt. 2,404,157; July 16.
Strut and the like, Airplane. C. A. Bigelow. 2,399,317; Apr. 30.
Strut for aircraft, Shock absorbing. G. W. De Bell. 2,396,318; Mar. 12.
Strut for tricycle landing gears, Front. R. L. Levy. 2,403,383; July 2.
Strut mechanism, Hydraulic transfer tube for. T. R. Smith. 2,401,378; June 4.
Strut, Shock. F. E. Bachman. 2,399,846; May 7.
Strut, Shock. R. W. Brown. 2,393,493; Jan. 22.
Stud, Adjustable rotary fastener. C. L. Hall. 2,395,220; Feb. 19.
Stud driver. L. A. Husband. 2,394,386; Feb. 5.
Stud, Insulation. T. Nelson. 2,412,744; Dec. 17.
Stud or protector for boots and shoes. W. H. Lewis. 2,408,663; Oct. 1.
Stud remover, Broken. R. C. Schrader. 2,408,450; Oct. 1.
Stud, Stress-free. O. M. Summers. 2,407,586; Sept. 10.
Stud, Welding. W. E. Palmer. 2,413,370; Dec. 31.
Studs, Making fastener. M. P. Graham. 2,399,181; Apr. 30.
Stuffed products, Forming casings for. F. H. Reichel and A. E. Craver. 2,401,773; June 11.
Stuffing box. R. B. Kinzbach. 2,410,291; Oct. 29.
Stuffing box. W. A. Neumann. 2,403,875; July 9.
Stylus device. E. O. Thompson. 2,399,585; Apr. 30.
Stylus, Recording. R. E. Mathes. 2,404,975; July 30.
Styrene and butadiene, The production of. G. A. Nesty and W. C. Klingelhofer. 2,400,774; May 21.
Styrene and its homologues, Purification of. G. R. Bond, Jr. 2,410,042; Oct. 29.
Styrene and methyl styrene, Refining. F. J. Soday. 2,413,255; Dec. 24.
Styrene and other monomers used in polymerization processes, Treating. G. Goldfinger. 2,412,504; Dec. 10.
Styrene compounds by pyrolysis, Production of. W. A. King. 2,395,829; Mar. 5.
Styrene from ethyl benzene by azeotropic distillation, Separation of. T. A. Petry and G. L. Payne. 2,411,106; Nov. 12.
Styrene from methyl phenyl carbinol, Making. L. C. Shriver. 2,399,395; Apr. 30.
Styrene-maleic resin composition, Plasticized. H. L. Gerhart. 2,407,413; Sept. 10.
Styrene, Manufacture of. G. Egloff. 2,402,243; June 18.
Styrene, Multistage purifying. H. M. Weir. 2,413,674; Dec. 31.
Styrene, Producing. C. R. McCullough and W. H. Gehrke. 2,392,289; Jan. 1.
Styrene, Production of. W. I. Denton and C. H. Schliesman. 2,392,466; Jan. 8.
Styrene, Treating. L. Ader. 2,403,962; July 16.
Styrenes, Production of. T. F. Doumani and R. Deery. 2,402,740; June 25.
Subaqueous electric cutting. E. Selfried. 2,407,850; Sept. 17.
Subassembly conduit clip. E. M. Morehouse. 2,396,925; Mar. 19.
Sublimating apparatus. A. Ogren. 2,397,686; Apr. 2.
Sublimation apparatus. M. D. Girvin and L. A. Dentone. 2,399,180; Apr. 30.
Submarine. N. G. Cedillo. 2,398,174; Apr. 9.
Submarine atmospheres, Purification of. J. D. Morgan and P. B. Levitt. 2,396,190; Mar. 5.
Submarine detecting method and apparatus. E. McDermott. 2,412,165; Dec. 3.
Submarine detection. De W. R. Goddard. 2,402,391; June 18.
Submarine signaling device. L. G. Bostwick and J. H. King. 2,411,865; Dec. 3.
Submarine signaling, Method and apparatus for. H. M. Hart. 2,407,662; Sept. 17.
Submarines, Spotting. J. T. Beechlyn. 2,405,990; Aug. 20.
Submerged objects, Detection of. J. H. Hammond, Jr. 2,401,929; June 11.
Submersible motor. C. J. Blom. 2,404,783; July 30.
Subsoil, Method and apparatus for simultaneous determination of various properties of the. C. B. Aiken. 2,398,761; Apr. 23.
Subsoiler. C. L. Cook. 2,401,139; May 28.
Substances from tall oil, Preparation of valuble. R. G. Dressler, R. E. Vivian, and T. Hasselstrom. 2,396,646; Mar. 19.
Substation apparatus, Telephone. L. A. Reed. 2,409,588; Oct. 15.
Substituted acid amide antifoggants. G. E. Fallesen and J. A. Leermakers. 2,394,600; Feb. 12.
Substituted diphenyl acetate compounds and preparing same. L. C. Cheney and W. G. Bywater. 2,398,410; Apr. 16.
Substituted 4,4'-diaminodiphenyl sulphones and making same. L. P. Kyrides. 2,399,600; Apr. 30.
Substituted imidazoles. L. P. Kyrides and F. B. Zienty. 2,399,601; Apr. 30.
Substitutes, Manufacture of cream. R. D. Mason and A. C. Justesen. 2,407,027; Sept. 3.
Subsurface formations, Determining permeability of. J. W. Graybeal. 2,409,674; Oct. 22.
Succinic anhydrides, Production of substituted. M. Kise and R. F. Engle. 2,411,215; Nov. 19.
Suction apparatus, Medical. J. E. Trafford. 2,400,178; May 14.
Suction cleaner. L. K. Acheson. 2,392,716; Jan. 8.
Suction cleaner. L. K. Acheson. 2,406,733; Sept. 3.
Suction cleaner. L. K. Acheson. 2,409,008; Oct. 8.
Suction cleaner. G. R. Coss. 2,397,536–7; Apr. 2.
Suction cleaner. W. H. Kitto. 2,406,602; July 9.
Suction cleaner. W. H. Kitto. 2,410,293; Oct. 29.
Suction cleaner. C. A. Lindberg. 2,400,558; May 21.
Suction cleaner. J. H. Nuffer and L. H. Latta. 2,404,244; July 16.
Suction cleaner. C. O. Penn. 2,410,302; Oct. 29.
Suction cleaner. H. H. Sloan. 2,395,430; Feb. 26.
Suction cleaner. D. G. Smellie. 2,406,915; Sept. 3.
Suction cleaner. D. G. Smellie. 2,413,587; Dec. 31.
Suction cleaner. E. R. Swann. 2,409,078; Oct. 8.
Suction cleaner. C. G. Troxler. 2,405,170; Aug. 6.
Suction cleaner. C. G. Troxler. 2,409,082; Oct. 8.
Suction cleaner. H. B. White. 2,400,217; May 14.
Suction cleaner. H. B. White. 2,401,394; June 4.
Suction cleaner. H. B. White. 2,411,488; Nov. 19.
Suction cleaning apparatus. C. H. Taylor. 2,394,271; Feb. 5.
Suction pad. S. Golding. 2,392,377; Jan. 8.

Suction pump. W. A. Dunham. 2,402,991; July 2.
Suction roll helper drive. L. Hornbostel and E. D. Beechler. 2,392,150; Jan. 1.
Suede, Dyeing of. F. L. Pepper. 2,405,165; Aug. 6.
Sugar beets and the like, Blocking and thinning of. J. Schwindt and F. A. Trinkle. 2,393,122; Jan. 15.
Sugar cane mill. A. M. Hewlett. 2,406,541; Aug. 27.
Sugar cane wax, Production of. W. F. Goepfert. 2,391,893; Jan. 1.
Sugar derivatives. W. C. Griffin. 2,407,001; Sept. 3.
Sugar dispenser. T. Bailey. 2,393,454; Jan. 22.
Sugar juice, Purification of. G. A. McBride. 2,405,315; Aug. 6.
Sugar, Method and apparatus for detecting. P. W. Alston and E. E. Morse. 2,408,900; Oct. 8.
Sugar solution, Processing of weed. H. Scholler. 2,394,334; Feb. 5.
Sugar solutions, Clarifying. H. B. Gustafson and L. A. Paley. 2,402,960; July 2.
Sugar treatment. H. B. Gustafson. 2,403,177; July 2.
Suit and making. R. C. Martin. 2,392,992; Jan. 15.
Suitcase, Sectional. P. Frandsen. 2,398,299; Apr. 9.
Suit for circulating conditioned air about a person. E. L. Schulz. 2,413,386; Dec. 31.
Suit, Inflatable. R. S. Colley, C. P. Krupp, and D. H. Shook. 2,410,632; Nov. 5.
Suit, Partitioned inflatable. R. S. Colley. 2,404,567; July 23.
Suit with helmet, Pressure-applying aviator's. J. D. Akerman. 2,404,020; July 16.
Sulfamyl benzotriazoles. C. F. H. Allen and A. Bell. 2,410,619; Nov. 5.
Sulfonamidobenzimidazoles. C. F. H. Allen and A. Bell. 2,410,620; Nov. 5.
Sulfonamido pyrimidines. P. S. Winnek and R. O. Roblin, Jr. 2,410,793; Nov. 5.
Sulfonates and sulfonyl chlorides, Preparation of. H. M. Grubb and E. B. Tucker. 2,412,679; Dec. 17.
Sulfonates, Substantially oil soluble poly alkyl aromatic. J. Faust. 2,409,671; Oct. 22.
Sulfur and metal containing compound. D. T. Rogers and J. G. McNab. 2,409,687; Oct. 22.
Sulfur-dioxide modified tetrafluoro ethylene polymer. J. Harmon and R. M. Joyce, Jr. 2,411,722; Nov. 26.
Sulphamic acid, Manufacture of. J. W. Leonard. 2,409,572; Oct. 15.
Sulphamic acid, Manufacture of. E. J. Tauch. 2,408,492; Oct. 1.
Sulphamide, Preparing. E. F. Degering and G. C. Gross. 2,407,481; Sept. 10.
Sulphanilamide derivatives. C. E. Kwartler and P. Lucas. 2,395,412; Feb. 26.
Sulphanilamide derivatives and preparing same. S. L. Ruskin. 2,407,686; Sept. 17.
Sulphanilylsulphanilamide derivatives. M. L. Moore. 2,404,737; July 23.
Sulphate, Turpentine, Refining. R. A. Collins. 2,409,614; Oct. 22.
Sulphathiazole, Purification of. L. H. Dhein. 2,392,125; Jan. 1.
Sulphide impression material. E. J. Molnar. 2,397,144; Mar. 26.
Sulphide ores, Flotation of. C. H. Keller. 2,405,581; Aug. 13.
Sulphide ores, Froth flotation of. A. H. Fischer. 2,412,500; Dec. 10.
Sulphide polymer and making it, Reactive. J. C. Patrick and H. R. Ferguson. 2,402,977; July 2.
Sulphides of akylated phenols. D. T. Rogers and H. Feldhusen, Jr. 2,398,253; Apr. 9.
Sulphides, Production of organic. F. K. Signaigo. 2,408,410; Aug. 27.
Sulphite waste liquor, Disposal of. R. G. Tyler. 2,392,435; Jan. 8.
Sulphonamide derivatives of melamine and their production. R. O. Roblin, Jr., and P. S. Winnek. 2,407,177; Sept. 3.
Sulphonamide derivatives, Preparation of new. G. C. Butler, E. Lozinski, and A. D. Odell. 2,410,772; Nov. 5.
Sulphonamides, Preparation of substituted. M. Engelmann. 2,394,902; Feb. 12.
Sulphonamids and making the same, Valuable derivatives of. M. Dohrn and P. Diedrich. 2,411,495; Nov. 19.
Sulphon chlorides, Preparation of. S. R. Detrick and L. A. Hamilton. 2,392,841; Jan. 15.
Sulphonated organic detergents, Preparing. R. P. McGhie. 2,394,321; Feb. 5.
Sulphonates, Alpha furyl aldehyde. J. T. Thurston. 2,402,510; June 18.
Sulphonates, Alpha furyl amide. J. T. Thurston. 2,402,512; June 18.
Sulphonates, Alpha furyl nitrile. J. T. Thurston. 2,402,513; June 18.
Sulphonates, Alpha furyl nitroethane. J. T. Thurston. 2,402,514; June 18.
Sulphone and preparing same. L. L. Bambas. 2,404,560; July 23.
Sulphonic compounds, Preparation of. N. E. Lemmon, D. W. Bransky and E. E. Langan. 2,403,185; July 2.
Sulphosuccinates and making same, Certain. M. De Groote and B. Keiser. 2,405,737; Aug. 13.
Sulphur alcohols, Dehydration of. T. F. Doumani. 2,402,878; June 25.
Sulphur and aromatic compounds from oil, Separation of. G. B. Arnold and H. V. Atwell. 2,402,799; June 25.
Sulphur, Burning of. H. G. James. 2,395,483; Feb. 26.
Sulphur compounds from hydrocarbon oil, Removing weakly acidic. G. W. Ayers and D. M. Barton. 2,405,872; Aug. 13.
Sulphur compounds from hydrocarbon polymers, Removal of. H. Schindler. 2,405,905; Aug. 13.
Sulphur containing compounding agent for rubber, Preparing. F. S. Rostler, H. W. Sternberg, and H. I. du Pont. 2,399,694; May 7.
Sulphur diisobutylene polymer, Obtaining low. M. Frankel and M. S. Agruss. 2,394,678; Feb. 12.
Sulphur dioxide from gas mixtures, Recovery of. E. P. Fleming and T. C. Fitt. 2,399,013; Apr. 23.
Sulphur dioxide, Production of. A. C. Mohr. 2,406,890; Sept. 3.
Sulphur dioxide with diolefines and separation of latter from hydrocarbon mixtures, Reaction of. G. W. Hooker, L. R. Drake, and S. C. Stowe. 2,395,050; Feb. 19.
Sulphur dyestuffs. N. Steiger. 2,412,922; Dec. 17.
Sulphur from gases, Extraction of. S. L. Nevins, N. F. Albertson, and J. S. Gilliam. 2,403,451; July 9.
Sulphur from molten metallic masses, Removal of. C. G. Bieber, B. E. E. Franke, and W. F. Sumpter. 2,406,582; Aug. 27.
Sulphur from ores, Dissolving. G. W. Tweeddale. 2,409,408; Oct. 15.
Sulphur in coal, Detection of. W. T. Brown. 2,401,410; June 4.
Sulphur in recovery of nickel, Removal of. R. C. Hills and M. F. Dufour. 2,408,311; Sept. 24.
Sulphuric acid manufacture and apparatus therefor. D. M. Hurt, G. S. Stafford, and E. J. Tauch. 2,402,553; June 25.
Sulphuric acid regeneration. N. Titlestad. 2,406,930; Sept. 3.
Sulphuric ester salts of phenols, Manufacture of. H. Z. Lecher, M. Scalera, and E. M. Hardy. 2,402,647; June 25.
Sump selector valve. J. F. Melichar and W. Margrave. 2,409,220; Oct. 15.
Sump selector valve. A. L. Parker. 2,409,223; Oct. 15.
Sunshade and other auxiliary spectacles. R. H. Sager. 2,408,273; Sept. 24.
Sunshade, Automobile. A. C. Engelheart. 2,405,348; Aug. 6.
Sunken vessels, Raising. W. L. Newell. 2,412,417; Dec. 10.
Supercharged internal-combustion engine. G. O. Anderson and A. C. Pitt. 2,392,565; Jan. 8.
Supercharged internal-combustion engine. L. Birkigt. 2,397,941; Apr. 9.
Supercharger. L. Dewan. 2,407,630; Sept. 17.
Supercharging arrangement. A. G. Forsyth. 2,395,262; Feb. 19.
Supercharging, Offset inlet port for. G. R. Neumann and E. F. Farrell. 2,393,703; Jan. 29.
Superfuel. R. F. Marschner. 2,407,716; Sept. 17.
Superfuel, Aviation. R. F. Marschner. 2,407,717; Sept. 17.
Superfuel, Aviation. R. F. Marschner and D. R. Carmody. 2,407,718; Sept. 17.
Superheater baffling. E. M. Powell and W. S. Patterson. 2,403,237; July 2.
Superheterodyne receiver. H. J. Benner. 2,412,244; Dec. 10.
Superregenerative receiver. R. C. Emerson. 2,398,214; Apr. 9.
Superregenerative receiver circuit. J. A. Worcester, Jr. 2,410,768; Nov. 5.
Superregenerative receiver quenching circuit. W. E. Bradley. 2,412,710; Dec. 17.
Supertread for tires. K. C. Alward. 2,411,240; Nov. 19.
Supervisory apparatus. P. H. Brace. 2,406,318; Aug. 27.
Supervisory apparatus for telegraph systems. G. G. Light, E. J. Agnew, and G. W. Janson. 2,397,553; Apr. 2.
Supervisory system for communication circuits. W. S. Halstead. 2,398,742; Apr. 16.
Supply apparatus and control systems therefor, Fluid. C. A. Siver. 2,402,187; June 18.
Supply apparatus for burners, Fluid. W. H. De Lancey. 2,413,035; Dec. 24.
Supply for electron microscopes, Power. A. W. Vance. 2,406,974; Sept. 3.
Supply of fuel to internal-combustion engines, Mechanism for. E. Brame. 2,397,835; Apr. 2.
Supply system, Fuel. H. J. D. McCollum. 2,411,581; Nov. 26.
Supply system, Fuel. W. A. Ray. 2,408,954; Oct. 8.
Supply system, Power. G. L. Usselman. 2,413,391; Dec. 31.
Supply T, Adjustable. M. O. Thrush. 2,404,996; July 30.
Supply valve mechanism. R. E. Crane and J. M. Hendrickson. 2,391,949; Jan. 1.
Supplying device, Part. H. D. Lennon. 2,397,610; Apr. 2.

Support: *See*—
Adjustable bedclothes support.
Adjustable support.
Airplane tail support.
Airspaced photographic support.
Airspaced support.
Arch support.
Bearing support.
Bobbin receptacle support.
Bracket support.
Breast support.
Bus bar support
Bust support.
Cabinet and machine support.
Canister support.
Chair seat support.
Collapsible horse or support.
Combination work and jig support.
Crib rail support.
Decoration support.
Electric induction apparatus and coil support.
Electrode support.
Flagstaff support.
Hamper or bag support.
Ladder support.
Machine tool support.
Manifold support.
Milker support.
Nursing bottle support.
Outlet box support.
Paper support.
Photographic support.
Plastic arch support.
Resilient axle support.
Roll V block support.
Safe screen support.
Seat support.
Self-adjusting electrode support.
Shirt collar support.
Spring back support.
Typewriter support.
Vibration absorption support.
Vibration preventing syphon tube support.
Work support.
Support. V. M. Abernethy. 2,408,719; Oct. 8.
Support. J. W. Alexander. 2,392,110; Jan. 1.
Support. K. E. Belau. 2,401,041; May 28.
Support. H. U. Dustman. 2,405,819; Aug. 13.
Support, I. E. Mouromtseff and G. M. Dinnick. 2,398,593; Apr. 16.
Support. A. L. Sabin. 2,401,193; May 28.
Support and positioning device, Car coupler. G. G. Gilpin. 2,401,822; June 11.
Support and seal, Bulkhead conduit. J. H. Reisner. 2,410,909; Nov. 12.
Support device. J. K. Wood. 2,412,852; Dec. 17.
Support for abrasive disks. F. De Michel. 2,410,812; Nov. 12.
Support for artificial teeth, Temporary. S. Myerson. 2,412,352; Dec. 10.
Support for bifocal lenses, Adjustable. C. D. Jencks. 2,410,584; Nov. 5.
Support for bulkheads, Adjustable conduit. B. F. Schmidt. 2,404,539; July 23.
Support for capacitors. E. D. A. Geoghegan. 2,405,139; Aug. 6.
Support for clutch bands. G. Reuter. 2,406,038; Aug. 20.
Support for concrete floor forms, Adjustable. A. A. A. Nash. 2,398,152; Apr. 9.
Support for extrusion machines, Core. G. Ritter. 2,392,190; Jan. 1.
Support for filament assemblies. R. A. Nelson and W. O. Smith. 2,410,993; Nov. 12.
Support for filling carriers. M. Kazamias and F. Gubala. 2,395,188; Feb. 19.
Support for fountain syringes, Hanging. J. A. Brooks. 2,404,430; July 23.
Support for glass washing machines. C. B. Webber. 2,402,859; June 25.
Support for hairpins and the like, Dispensing and spreading. C. T. Calafiore. 2,402,236; June 18.
Support for heat treating container and closure therefor. H. H. Harris. 2,395,182; Feb. 19.
Support for machine tools, Work. J. J. Corrigan and F. T. Rinehart. 2,396,941; Mar. 19.
Support for photographic gelatin layers and transferring same to permanent supports, Temporary. R. S. Potter and R. F. Brown. 2,392,503; Jan. 8.
Support for reinforced concrete structures, Rod. J. J. Cassidy. 2,409,342; Oct. 15.
Support for sheep shearing apparatus. R. R. Just. 2,410,217; Oct. 29.
Support for vibratory mechanism, Yieldable. A. R. Miller. 2,411,383; Nov. 19.
Support for windings in magnetizing cores. F. J. Sigmund and W. S. Hlavin. 2,405,615; Aug. 13.
Support means for magnetizable cores, Winding. F. J. Sigmund and W. S. Hlavin. 2,400,891; May 28.
Support structure, Adjustable. I. Fiori. 2,395,178; Feb. 19.
Support structure, Striking bag. J. H. Stuhr. 2,411,173; Nov. 19.
Supporter, Baby. M. P. Knecht. 2,404,505; July 23.
Supporter, Sock or stocking. G. W. Harlan. 2,398,093; Apr. 9.
Supporting and moving mechanism, Work. L. M. Davis. 2,392,651; Jan. 8.
Supporting and/or facilitating the erection of posts, stanchions, pipes, and the like. C. J. Rice. 2,392,549; Jan. 8.
Supporting and position device for car couplers. G. G. Gilpin. 2,401,823; June 11.
Supporting apparatus. M. C. Gauthier. 2,409,484; Oct. 15.
Supporting apparatus, Article. A. D. Swensen and R. D. Williams, Jr. 2,411,174; Nov. 19.
Supporting device and gas generator for use therewith, Wire. L. W. Steiger. 2,392,199; Jan. 1.
Supporting device, Clothesline. A. Nagy. 2,403,295; July 2.
Supporting device, Conduit. J. Banneyer. 2,407,217; Sept. 10.
Supporting device, Drape hanger and curtain rod. C. Dodegge. 2,397,930; Apr. 9.
Supporting device, Roll. L. Perrault. 2,405,446; Aug. 6.
Supporting filaments in vacuum tubes, Structure for. D. H. Sloan. 2,405,762; Aug. 13.
Supporting head for abrasive disks. W. Stever. 2,402,691; June 25.
Supporting means, Lamp. T. B. Farrington, W. T. Keller, and R. K. Farrington. 2,403,355; July 2.
Supporting means, Trough. C. P. Boyd. 2,399,197; Apr. 30.
Supporting structure, Level work. J. F. Hoffer. 2,408,169; Sept. 24.
Supporting structure, Sliding window screen. E. Gutoski. 2,408,138; Sept. 24.
Sure grip scythe handle. G. A. Lansden. 2,410,882; Nov. 12.
Surface-active agent. L. P. Kyrides. 2,402,823; June 25.
Surface-active agents. D. Aelony. 2,403,038; July 2.
Surface active agents. M. Lintz. 2,394,083; Feb. 5.
Surface active agents. E. Zerner and W. Kaplan. 2,413,161; Dec. 24.
Surface-active compounds, Manufacture of. A. W. Baldwin, N. W. Cusa, and H. Worthington. 2,406,186; Aug. 20.
Surface coating apparatus. G. L. Dimmick. 2,408,614; Oct. 1.
Surface condenser. S. Pennella. 2,394,402; Feb. 5.
Surface discontinuities, Method and compositions for locating. R. A. Ward. 2,405,078; July 30.
Surface for toy railroad systems and similar amusement devices, Supporting. T. L. Duffy. 2,401,468; June 4.
Surface grinding machine. J. S. Blood. 2,412,199; Dec. 10.
Surface in granular beds, Method and apparatus for determining total. R. E. Boehler. 2,392,636; Jan. 8.
Surface layout gauge. W. B. Champlin. 2,412,870; Dec. 17.
Surface of comminuted material, Method and apparatus for determining. R. E. Boehler. 2,392,637; Jan. 8.
Surface roughness, Measuring. W. J. Brown. 2,405,133; Aug. 6.
Surface testing device. A. F. Turner. 2,394,951; Feb. 12.
Surface treating machine. W. S. Pearson. 2,398,556; Apr. 16.
Surface useful materials. C. Coolidge. 2,399,208; Apr. 30.
Surfaces with powder, Coating. C. P. Fagan. 2,407,146; Sept. 3.
Surfacing machine, Article. R. F. Kneisley. 2,407,557; Sept. 10.
Surfacing method and apparatus, Glass. G. B. Watkins and C. B. Schafer. 2,408,496; Oct. 1.
Surge suppressor circuit. O. D. Grandstaff. 2,395,116; Feb. 19.
Surge valve. H. T. Booth. 2,400,911; May 28.
Surgical apparatus. O. S. Kirschner. 2,393,694; Jan. 29.
Surgical apparatus. G. J. Thomas. 2,393,576; Jan. 22.
Surgical dressings, Medicated. H. Sobotka. 2,408,818; Oct. 8.
Surgical headrest. S. R. Jones. 2,398,940; Apr. 23.
Surgical instrument. W. L. Bell. 2,398,915; Apr. 23.
Surgical instrument. H. Freedman. 2,393,319; Jan. 22.
Surgical instrument. R. A. Mull. 2,397,036; Mar. 19.
Surgical operating appliance. L. J. Bishop. 2,400,336; May 14.
Surgical stitching instrument. J. D. Karle. 2,396,179; Mar. 5.
Surgical stitching instruments and accessories, Holder for. J. D. Karle. 2,399,040; Apr. 23.
Surgical string material, Packing. G. Josh. 2,405,216; Aug. 6.
Surgical suction apparatus. P. P. Goland and C. R. Drew. 2,397,257; Mar. 26.
Survey instrument, Power. O. A. Knopp. 2,405,656–7; Aug. 13.
Surveying instrument, Well. W. H. Emerson and D. Hering. 2,412,976; Dec. 24.
Surveying, Seismic. W. H. Mayne. 2,400,245; May 14.
Surveying, Seismic. O. S. Petty. 2,410,303; Oct. 29.
Suspended matter from suspensions, Removing. H. F. Fisher and A. C. Peck. 2,406,820; Sept. 3.
Suspender. J. La Frenier. 2,408,464; Oct. 1.
Suspender for artificial legs. C. I. Kickland. 2,408,073; Sept. 24.
Suspenders. H. L. Jackson. 2,411,161; Nov. 19.
Suspenders. E. Stempel. 2,409,810; Oct. 22.
Suspension, Axle. J. Ledwinka. 2,410,402; Nov. 5.
Suspension for chimes, Balanced. L. A. Maas. 2,400,125; May 14
Suspension for compasses and similar instruments. E. W. Esdaile. 2,403,354; July 2.
Suspension for railroad cars, Spring. A. F. Hickman. 2,394,547–8; Feb. 12.
Suspension for railroad cars, Spring. A. F. Hickman. 2,410,068; Oct. 29.

Suspension for use in inoculating plants with ergot. R. W. Lewis. 2,402,902; June 25.
Suspension for vehicles, Equalizing. G. L. Larison. 2,411,885; Dec. 3.
Suspension, Spring. F. M. Reid. 2,407,345; Sept. 10.
Suspension unit for vehicle wheels. S. du Pont. 2,408,254; Sept. 24.
Suspension unit, Necktie. F. H. Streit. 2,403,834; July 9.
Suspension, Vehicle. G. L. Larison. 2,401,766; June 11.
Suture protecting means for surgical stitching instruments. J. D. Karle. 2,396,180; Mar. 5.
Sutures to shanks of surgeons' needles, Attaching. G. H. J. Baule. 2,411,079; Nov. 12.
Suturing assembly and method. E. M. Jones and F. W. Stein. 2,413,142; Dec. 24.
Swaging machine. L. Robbins. 2,408,882; Oct. 8.
Swatter, Fly. H. L. Briones. 2,410,957; Nov. 12.
Swatter, Fly. A. Sorkind. 2,394,267; Feb. 5.
Sweatband, Detachable. W. H. Lehmberg and E. L. Johnson. 2,411,831; Nov. 26.
Sweat band for eyeglasses, Detachable. R. E. Swanson. 2,393,837; Jan. 29.
Sweatband for hats. A. Donson. 2,398,363; Apr. 16.
Sweep circuit. D. W. Pugsley. 2,410,745; Nov. 5.
Sweep or pulse generator. W. D. Hershberger. 2,412,682; Dec. 17.
Swimmers, Aid to. M. Grabovsky. 2,401,239; May 28.
Swimming and life saving equipment. R. Caselle. 2,392,576; Jan. 8.
Swing. M. W. Hunt. 2,402,249; June 18.
Swing. E. H. Hurley. 2,394,913; Feb. 12.
Swing. E. H. Hurley. 2,413,232; Dec. 24.
Swing joint. A. G. Shepherd. 2,400,658; May 21.
Swing, Nursey chair. A. G. Meyers. 2,398,384; Apr. 16.
Swingable closure fastener. C. E. Leiss. 2,411,098; Nov. 12.
Swingable road sign. H. J. Steinberger and S. Sanders. 2,409,076; Oct. 8.
Swinging bracket. R. R. Rundell. 2,409,152; Oct. 8.
Switch: *See*—
Arc furnace regulator switch.
Automatic electric switch.
Automatic gravity safety switch.
Automatic switch.
Automotive gas tank cover switch.
Balanced pressure switch.
Capacity switch.
Centrifugal switch.
Dead-front safety switch.
Disconnecting switch.
Double-throw switch.
Electric follow-up switch.
Electric lighting switch.
Electric snap switch.
Electric switch.
Electric thermal switch.
Electrical switch.
Electrolysis switch.
Electromagnetic switch.
Electronic switch.
Enclosed switch.
Field switch.
Foot actuated switch.
High load mercury switch.
High voltage safety switch.
Ignition switch.
Inertia safety switch.
Intermittent switch.
Liquid level switch.
Low-voltage high-current switch.
Magnetically operated switch.
Mercury switch.
Multiposition rotary switch.
Periodic momentary switch.
Pressure actuated electrical switch.
Pressure actuated switch
Pressure switch.
Push-button switch.
Radio frequency switch.
Relay switch.
Retarded action electric switch.
Rotary electric switch.
Rotary selector switch.
Rotary switch.
Set back and centrifugal switch.
Shockproof switch.
Signal switch.
Snap-action switch.
Snap switch.
Solar operated electric switch.
Speed governor switch.
Starting switch.
Thermostatic switch.
Time-delay switch.
Transfer switch.
Ultra high frequency switch.
Unshorting switch.
Vehicle switch.
Waterproof electric switch.
Switch. D. Bancroft. 2,396,672; Mar. 19.
Switch. D. G. Clifford and E. C. Okress. 2,413,171; Dec. 24.
Switch. W. B. Elmer. 2,403,063; July 2.
Switch. H. L. Lambert. 2,395,885; Mar. 5.
Switch. E. G. Miller and R. E. Engberg. 2,407,378; Sept. 10.
Switch. T. J. Mudon. 2,394,712; Feb. 12.
Switch. S. Rosenblum. 2,399,061; Apr. 23.
Switch adjusting mechanism. M. H. Cummings. 2,392,580; Jan. 8.
Switch and contactor system, High-frequency electrical. J. F. Frese. 2,399,430; Apr. 30.
Switch and electric clock, Combined wall. C. Anderson. 2,392,445; Jan. 8.
Switch and light for floor lamps, Combination. L. N. Mattson. 2,408,669; Oct. 1.
Switch and pistol-grip, Waterproof combined electric. A. A. Writzmann. 2,408,502; Oct. 1.
Switch apparatus. J. P. Dolan. 2,412,604; Dec. 17.
Switch apparatus for operating devices on aircraft, and other purposes, Electrical. H. Trevaskis. 2,397,386; Mar. 26.
Switchboard, Teletypewriter. P. V. Koos. 2,408,074; Sept. 24.
Switch box ear. A. P. Bell. 2,397,637; Apr. 2.
Switch boxes and the like and connecting nipple therefor. F. E. Wentworth. 2,393,581; Jan. 22.
Switch device. L. D. Boyce. 2,396,551; Mar. 12.
Switch device. F. A. Hester. 2,401,934; June 11.
Switch device, Electric. N. L. Freeman. 2,400,496; May 21.
Switch for elevators, Overload safety. F. F. Turner. 2,404,415; July 23.
Switch for high-frequency circuits. B. Van Ryn. 2,407,460; Sept. 10.
Switch for high-frequency electrical oscillations. D. C. Espley. 2,404,832; July 30.
Switch for ignition systems, Floating breaker. H. L. Hull. 2,403,283; July 2.
Switch for trolley rails. G. F. Vinsant. 2,407,620; Sept. 10.
Switchgear apparatus. C. P. West. 2,412,931; Dec. 17.
Switch mechanism and follow-up system. J. O. Yelds. 2,395,604; Feb. 26.
Switch mechanism for transmission lines, Band. T. A. Newkirk. 2,391,917; Jan. 1.
Switch mechanism, Time controlled. R. W. Lovering. 2,403,667; July 9.
Switch of grounded type, Snap. R. Hetherington. 2,399,867; May 7.
Switch operating apparatus, Railway. G. L. Temple. 2,401,120; May 28.
Switch operating mechanism. J. E. Gilman, 3rd. 2,399,482; Apr. 30.
Switch operating mechanism. G. M. Hausler. 2,404,633; July 23.
Switch operating mechanism. R. S. Seese. 2,401,801; June 11.
Switch operating mechanism. L. Yost. 2,394,283; Feb. 5.
Switch relay, Mercury. E. G. Henry. 2,405,923; Aug. 13.
Switch structure. F. E. Wood. 2,401,213; May 28.
Switch system, Limit. J. A. Chilman. 2,406,196; Aug. 20.
Switches or electrical timing devices for controlling the operations of laundry or other plants or apparatus, Electric master. S. Newberry. 2,403,392; July 2.
Switching antenna. Lobe. T. M. Gluyas, Jr., and L. J. Wolf. 2,411,034; Nov. 12.
Switching apparatus. R. H. Jordan. 2,406,693; Aug. 27.
Switching apparatus. C. C. Whittaker. 2,406,449; Aug. 27.
Switching device. W. H. Cuttino. 2,406,321; Aug. 27.
Switching device. A. G. Fox. 2,396,044; Mar. 5.
Switching device and circuit therefor, Electronic. W. P. Overbeck. 2,404,919; July 30.
Switching device, Antenna. R. B. Hoffman. 2,402,625; June 25.
Switching device, Electrical. E. B. King. 2,404,179; July 16.
Switching means. C. C. Whittaker. 2,408,837; Oct. 8.
Switching mechanism. P. B. Drake. 2,410,432; Nov. 5.
Switching mechanism. C. W. Hawthorne and G. P. Malm. 2,396,787; Mar. 19.
Switching mechanism. F. J. Russell. 2,396,972; Mar. 19.
Switching mechanism for signal systems. H. C. Harrison. 2,406,350; Aug. 27.
Switching system. R. E. Hersey. 2,392,089; Jan. 1.
Switching system. G. J. Maki. 2,393,645; Jan. 29.
Switching system, Selector. J. I. Bellamy. 2,400,530; May 21.
Swivel. P. F. D'Aleo. 2,400,291; May 14.
Swivel. J. S. Morgan, Jr., and D. A. Murphy. Re. 22,825; Dec. 24.
Swivel coupling. D. M. Phillips. 2,394,715; Feb. 12.
Swivel joint. D. M. Phillips. 2,399,823; May 7.
Swivel joint. A. Venditty. 2,394,276; Feb. 5.
Swivel, Rotary. D. A. Murphy. 2,394,800; Feb. 12.
Swiveling fluid joint. T. C. Hill. 2,412,810; Dec. 17.
Synchronization control, Automatic motor. W. P. Lear. 2,403,098; July 2.
Synchronizer. R. Lapsley and D. S. Dence. 2,395,189; Feb. 19.
Synchronizer, Camera and light. I. Jacobson and H. E. Smith. 2,406,691; Aug. 27.
Synchronizer coupling. O. Palmer. Re. 22,731; Mar. 5.
Synchronizer, Engine. H. M. McCoy. 2,413,028; Dec. 24.
Synchronizer, Flashlight and shutter. F. A. G. Pirwitz. 2,404,526; July 23.
Synchronizer for focal-plane shutters, Flash. F. J. Longbottom. 2,408,864; Oct. 8.
Synchronizer, Machine gun. G. W. Pontius, III. 2,411,290; Nov. 19.
Synchronizer mechanism. O. E. Fishburn. 2,397,344; Mar. 26.
Synchronizing a plurality of oscillations. M. Ziegler. 2,405,771; Aug. 13.
Synchronizing apparatus, Flash lamp. C. C. Fuerst. 2,405,741; Aug. 13.
Synchronizing clutch. C. D. Peterson and E. W. Zingsheim. 2,399,569; Apr. 30.
Synchronizing clutch construction. C. D. Peterson and R. R. Burkhalter. 2,409,148; Oct. 8.
Synchronizing control, Gunfire. F. J. W. den Ouden. 2,403,641; July 9.

Synchronizing device. M. Artzt. 2,399,421; Apr. 30.
Synchronizing device. H. H. Bruderlin. 2,394,361; Feb. 5.
Synchronizing device. H. E. Hallborg, C. N. Gillespie, and G. R. Clark. 2,403,921; July 16.
Synchronizing device. J. H. Letsinger and H. F. Foley. 2,410,511; Nov. 5.
Synchronizing mechanism. K. D. Bull. 2,397,943; Apr. 9.
Synchronizing mechanism. W. G. H. Finch. 2,404,571; July 23.
Synchronizing mechanism, Electromechanical. C. Breitwieser. 2,403,577; July 9.
Synchronizing signal generator. C. E. Hallmark. 2,407,956; Sept. 17.
Synchronizing system. M. Artzt. 2,398,688; Apr. 16.
Synchronizing system. K. R. Wendt. 2,406,977; Sept. 3.
Synchronizing system, Automatic. D. W. Exner. 2,392,469; Jan. 8.
Synchronizing system for synchronous motors, Automatic phase, P. J. Kibler. 2,402,055; June 11.
Synchronous controls. E. C. Wahlberg. 2,400,579; May 21.
Synchronous motor. O. H. Dicke. 2,402,380; June 18.
Synchronous motor. J. R. MacIntyre. 2,412,461; Dec. 10.
Synthesis of aromatic compounds. C. L. Thomas. 2,406,645; Aug. 27.
Synthesis of ethers of vitamin A. N. A. Milas. 2,412,465; Dec. 10.
Synthetic compositions and products having molecularly oriented structure. G. F. D'Alelio. 2,412,034; Dec. 3.
Synthetic Di-Tocopherols, Preparation of. P. Karrer and O. Isler. 2,411,968-9; Dec. 3.
Synthetic ivory colored ceresin, Process and apparatus for obtaining a. A. Grunspan. 2,397,424; Apr. 16.
Synthetic resin and making same. T. R. McElhinney. 2,394,000; Feb. 5.
Synthetic resin coatings, Production of. L. S. Meyer. 2,400,016; May 7.
Synthetic rubber, Compounding and vulcanization of. A. A. Sommerville. 2,400,029; May 7.
Synthetic rubber, Vulcanization of. D. V. Sarbach. 2,395,505; Feb. 26.
Synthetic rubber, Vulcanization of. D. E. Sauser. 2,395,506-7; Feb. 26.
Synthetic threads, Method and apparatus for manufacture of. A. L. Jackson and J. K. Whisnant. 2,412,403; Dec. 10.
Syringe. M. L. Folkman. 2,413,303; Dec. 31.
Syringe. H. Freedman. 2,399,796; May 7.
Syringe. A. E. Smith. 2,392,196; Jan. 1.
Syringe, Hypodermic. H. S. Austin. 2,409,656; Oct. 22.
Syringe, Hypodermic. M. L. Lockhart. 2,408,323; Sept. 24.
Syringe, Hypodermic. M. L. Lockhart. 2,410,351; Oct. 29.
Syringe with adjustable piston construction. G. N. Hein. 2,394,687; Feb. 12.
Syrup and process, Sugar. D. V. Wadsworth and M. F. Hughes. 2,409,816; Oct. 22.
Syrup, Manufacture of. G. T. Peckham, Jr. 2,395,907; Mar. 5.
Syrup, Manufacture of. G. T. Peckham, Jr. 2,395,938; Mar. 5.
System and apparatus, Electrical. P. K. Ranney. 2,402,207; June 18.
System and apparatus for facsimile telegraphy R. J. Wise. 2,394,577; Feb. 12.
System for aircraft engines, Cooling. J. L. Arthur and R. M. Williams. 2,411,845; Dec. 3.
System for aircraft, Ice detecting. W. A. Malthaner. 2,412,628; Dec. 17.
System for carrier communication systems, Power supply. R. Kelly. 2,395,670; Feb. 26.
System for control of receiver reception by an associated transmitter. 2,412,935; Dec. 17.
System for controlling the level of liquid in containers, Electrical. T. A. Cohen. 2,411,248; Nov. 19.
System for cooling the charge flowing to an internal-combustion engine. O. Appel. 2,399,310; Apr. 30.
System for determining 3-dimensional angle of approach or incidence of radio waves. J. Y. Houghton and E. L. Kilpatrick. 2,395,871; Mar. 5.
System for directing the movements of air and/or marine craft. W. T. Weber. 2,411,400; Nov. 19.
System for electric emulsion breakers, Emulsion introduction. F. D. Mahone. 2,393,328; Jan. 22.
System for electric waves, Receiving. T. L. Gottier. 2,394,544; Feb. 12.
System for geophysical exploration. E. M. Shook and R. W. Olson. 2,413,116; Dec. 24.
System for gun turrets, Trigger. G. W. Pontius, III, A. P. Wilson, and F. V. Kuzmitz. 2,406,102; Aug. 20.
System for handling articles. H. W. Wylie. 2,396,936; Mar. 19.
System for heating, cooling, and air conditioning of buildings. E. Frankel. 2,392,240; Jan. 1.
System for irrigation. P. De Lacy-Mulhall. 2,393,091; Jan. 15.
System for locating the source of an explosion wave. W. R. Harry. 2,406,014; Aug. 20.
System for machine guns, Recharging. J. G. Mejean and J. C. Daninos. 2,413,241; Dec. 24.
System for measuring differences of potential. E. H. Greibach. 2,400,112; May 14.
System for plural traction motors, Antislippage. H. S. Ogden. 2,413,190; Dec. 24.
System for positioning heavy objects. H. L. Hull and D. J. Munroe. 2,408,070; Sept. 24.
System for radio locators, Search. M. R. Briggs and A. A. MacDonald. 2,412,867; Dec. 17.
System for radio receivers, Calibration. A. A. Collins. 2,393,856; Jan. 29.
System for refrigerator cars, Heating. C. D. Niven. 2,393,868; Jan. 29.
System for selecting recorded messages. M. Berzer. 2,396,409; Mar. 12.
System for sintering. W. F. Johnson. 2,410,944; Nov. 12.
System for space-scanning with a radiated beam of wave signal. A. V. Loughren. 2,409,944; Oct. 22.
System for steam locomotives, Compounding. R. M. Ostermann. 2,397,977; Apr. 9.
System for the protection of vessels against attack of torpedoes. P. P. Smith. 2,395,944; Mar. 5.
System for the transmission of motion. D. Mitchell. 2,395,575; Feb. 26.
System for tubing surgical materials. M. J. Hall. 2,394,054; Feb. 5.
System for ultra high frequency waves, Modulation. W. van B. Roberts. 2,393,414; Jan. 22.
System of reproducing sound. T. R. Benjamin. 2,410,956; Nov. 12.
Table: *See*—
Collapsible table.
Conveyer table.
Display table.
Dry concentrating table.
Knockdown picnic table.
Nested serving table.
Ore concentrating table.
Portable display table.
Printer's line-up table.
Saw table.
Seat table.
Typewriter table.
Table. A. G. Bureau. 2,398,693; Apr. 16.
Table. C. F. Kelley. 2,409,495; Oct. 15.
Table and blackboard, Combination folding. A. H. Burkeman. 2,397,405; Mar. 26.
Table and cabinet, Combined extension. P. H. Weber. 2,412,849; Dec. 17.
Table and chair, Combined. A. E. Puls and E. R. Swenson. 2,400,134; May 14.
Table and seat structure. J. A. Paquette. 2,399,378; Apr. 30.
Table casting apparatus, Rotating. C. Gall and F. J. Prucha. 2,412,040; Dec. 3.
Table drive, Multiple. R. Tyler. 2,410,694; Nov. 5.
Table for paper collating machines, Stacking delivery. C. L. Leifer. 2,393,254; Jan. 22.
Table for shoe sole stitching machines, Work. S. F. Graff. 2,411,855; Dec. 3.
Table, gyratory movement, with lateral impact, Perforate bulb-grading. H. Nieuwenhuis. 2,412,905; Dec. 17.
Table top and card holder. H. C. McClune. 2,394,866; Feb. 12.
Table top, Movable. G. H. Binz. 2,396,242; Mar. 12.
Table with sine bar adjustment, Work. L. E. Sealey. 2,411,641; Nov. 26.
Tables, Hydraulic duplicating milling attachment for rotary. M. Turchan. 2,401,803; June 11.
Tablet and making and applying it, Selenium. O. Saslaw. 2,403,026; July 2.
Tablet, Vitamin B-complex. W. A. Compton and R. S. Nicholls. 2,406,741; Sept. 3.
Tablets, Making. H. F. Taylor. 2,410,110; Oct. 29.
Tabulator controlled by single-line records. D. Broido. 2,410,265; Oct. 29.
Tachistoscopic apparatus. S. Renshaw. 2,410,237; Oct. 29.
Tack pulling machine. G. A. Miner. 2,400,159; May 14.
Tacker. C. P. Kipp. 2,412,620; Dec. 17.
Tackifier, Rubber. S. A. Ballard and J. A. Perona. 2,410,623; Nov. 5.
Tackle block. R. C. King. 2,411,689; Nov. 26.
Tackle, Fishing. C. R. Mendelson. 2,399,371; Apr. 30.
Tackle, Fishing. W. H. Morrill. 2,392,335; Jan. 8.
Tag or the like, Reflected price. E. E. Crowson. 2,406,743; Sept. 3.
Tags, Securing identification. C. Doppelt. 2,397,651; Apr. 2.
Tailstock. C. R. Johnson. 2,393,689; Jan. 29.
Take-off structure, Power. K. W. Couse. 2,403,848; July 9.
Take-up and tension circular knitting machines, Fabric. R. H. Carhart. 2,407,397; Sept. 10.
Take-up for roller bearings. H. F. Wright. 2,408,889; Oct. 8.
Tall oil of low viscosity and free from crystallization, Producing a. W. H. Jennings. 2,398,312; Apr. 9.
Tall oil, Treatment of. E. Segessemann. 2,400,607; May 21.
Tampon. J. R. Crockford. 2,412,391; Dec. 10.
Tampons, Manufacture of. C. P. Winter and D. A. Rosenthal. 2,401,284; May 28.
Tandem axle vehicle. E. W. Letzkus. 2,401,687; June 4.
Tandem axle vehicle. F. M. Reid. 2,410,747; Nov. 5.
Tandem bicycle frame. F. W. Schwinn. 2,397,441; Mar. 26.
Tandem compound elastic fluid turbine arrangement. G. B. Warren. 2,394,125; Feb. 5.

Tandem self aligning gauge. T. A. Anderer and R. W. Tafel. 2,402,142; June 18.

Tank; See—

Film developer tank.	Oil tank.
Fluid tank.	Photographic developing tank.
Flush tank.	
Fuel supply tank.	Puncture sealing gas tank.
Fuel tank.	Self-sealing gasoline tank.
Liquid storage tank.	Self sealing tank.
Marine oil tank.	Separator tank.
Material treating tank.	Septic tank.
Military tank.	Storage tank.
Mixing tank.	Vaporizing tank.
Noncombustible fuel tank.	War vehicle fuel tank.

Tank. G. M. Barnes. 2,396,073; Mar. 5.
Tank. C. L. Cowdrey and J. A. Churchill. 2,403,850; July 9.
Tank and making the same, Hot-water. W. E. Crawford. 2,401,231; May 28.
Tank and pump, Combination pressure. A. P. Ruth. 2,403,555; July 9.
Tank carrier. F. Kowalski, Jr. 2,393,641–2; Jan. 29.
Tank for dispersing fluids from aircraft, Spray. R. Goddard and F. R. Weaver. 2,408,774; Oct. 8.
Tank for oils and other liquids, Storage. W. G. Laird. 2,403,604; July 9.
Tank having means for drawing a vacuum on the tank and having discharge mechanisms for causing a flow of liquid thereto from the separator tank, Liquid separator. C. G. Lord. 2,413,509; Dec. 31.
Tank of the knockdown type, Sectional. D. K. Macleod. 2,402,253; June 18.
Tank system, Surge. M. R. Sprinkle and R. S. Mac Duff. 2,403,563; July 9.
Tankwall temperature indicator. C. H. Walsh. 2,396,480; Mar. 12.
Tanks, Forming. E. Eger. 2,401,626; June 4.
Tanks, Making. A. J. Kercher. 2,412,271; Dec. 10.
Tanks, Manufacturing. C. S. Brown. 2,401,606; June 4.
Tanning agent, Synthetic. E. A. Robinson and R. M. Beach. 2,401,508; June 4.
Tanning agents and treating hides and skins therewith. W. C. Ellenbogen. 2,408,417; Oct. 1.
Tanning compositions. J. S. Kirk. 2,395,003; Feb. 19.
Tanning compositions and their manufacture. H. B. Fernald and R. K. Iler. 2,395,472; Feb. 26.
Tap reconditioning machine. S. B. Hellstrom. 2,393,372; Jan. 22.
Tapped fastener. A. P. Brush. 2,393,606; Jan. 29.
Tapping and threading machine. H. Ashworth. 2,403,484; July 9.
Tape, Adhesive. B. E. Davis. 2,399,545; Apr. 30.
Tape applier. L. L. Salfisberg. 2,404,317; July 16.
Tape applying machine. S. M. Newman. 2,392,609; Jan. 8.
Tape condenser. L. Desrosiers. 2,399,007; Apr. 23.
Tape construction. J. A. Hendley. 2,395,869; Mar. 5.
Tape, Corded. J. A. Hendley. 2,408,850; Oct. 8.
Tape dispenser. R. H. Nordeen and G. W. Nedblake. 2,400,776; May 21.
Tape dispenser. C. E. Wright. 2,401,286; May 28.
Tape, Fabricating. J. Alfthan. 2,406,127; Aug. 20.
Tape for joining plies, Method and. G. G. Pierson. 2,412,693; Dec. 17.
Tape for slide fasteners, Stringer. L. Campbell. 2,396,912; Mar. 19.
Tape moving mechanism. R. A. Clapp. 2,409,834; Oct. 22.
Tape perforator, Random code. J. A. Spencer. 2,412,301; Dec. 10.
Tape, Pressure-sensitive adhesive. W. E. Lundquist and W. Kellgren. 2,410,089; Oct. 29.
Tape serving machine. T. H. Krueger. 2,409,872; Oct. 22.
Tape, Slide fastener stringer. N. J. Poux. 2,405,902; Aug. 13.
Tape, Thermoplastic. A. T. Dildilian. 2,395,257; Feb. 19.
Tape, Venetian blind. J. L. Hunter. 2,405,579; Aug. 13.
Tape working machine and method. G. H. Fritzinger. 2,401,298; June 4.
Taper. J. C. Urbank. 2,406,518; Aug. 27.
Taper gauge. D. A. Dugger. 2,412,569; Dec. 17.
Taper hole gauge. R. E. Gray. 2,405,648; Aug. 13.
Taping machine. G. Fulfer. 2,405,742; Aug. 13.
Tappet, Self cleaning and lubricating valve. H. H. Engemann. 2,404,478; July 23.
Target, Astern attack tow. J. W. Griesinger. 2,402,156; June 18.
Teaching device, Music. F. A. Firestone. 2,406,946; Sept. 3.
Teeter. A. N. Souza. 2,398,122; Apr. 9.
Teeter-go-round. H. M. Hilger. 2,409,487; Oct. 15.
Teeth cleaning unit. M. Boulicault. 2,399,660; May 7.
Teeth, Forming artificial. M. S. Moskey. 2,409,783; Oct. 22.
Teeth, Grinding. S. R. Silver. 2,406,113; Aug. 20.
Teeth of gear shaving cutters and the like, Method and machine for finishing the. E. W. Miller. 2,405,159; Aug. 6.
Teething device. R. S. Claflin. 2,408,735; Oct. 8.
Telecommunication, Secret. G. F. Van Dissel. 2,393,224; Jan. 15.
Telecommunication switching system. G. Deakin. 2,410,050; Oct. 29.
Telecommunication system. P. E. A. Cowley and E. C. Walls. 2,411,415; Nov. 19.
Telefacsimile system, Secrecy. G. V. Dillenback, Jr., and A. G. Cooley. 2,403,059; July 2.
Telegraph apparatus. A. E. Thompson and R. D. Salmon. 2,404,007; July 16.
Telegraph apparatus, Printing. M. T. Goetz. 2,394,167; Feb. 5.
Telegraph apparatus, Printing. R. A. Lake. 2,392,484; Jan. 8.
Telegraph apparatus, Printing. W. J. Zenner. 2,404,339; July 16.
Telegraph communication, Frequency shift. C. W. Hansell. 2,395,478; Feb. 26.
Telegraph receiver, Dot-and-dash. B. F. Ambrosio. 2,397,909; Apr. 9.
Telegraph receiving blank, Secret. F. E. d'Humy. 2,396,833; Mar. 19.
Telegraph receiving distributor system. E. R. Leroy and G. L. Bush. 2,411,441; Nov. 19.
Telegraph repeater. W. S. W. Edgar. 2,394,538; Feb. 12.
Telegraph selector. H. Angel. 2,391,868; Jan. 1.
Telegraph signal distortion measuring circuit. S. I. Cory. 2,410,809; Nov. 12.
Telegraph switching system. W. M. Bacon. 2,412,198; Dec. 10.
Telegraph switching system. W. M. Bacon and W. R. Young, Jr. 2,412,955; Dec. 24.
Telegraph system. W. M. Bacon. 2,392,356; Jan. 8.
Telegraph system. W. M. Bacon. 2,406,787; Sept. 3.
Telegraph system. H. H. Haglund and A. W. Breyfogel. 2,406,829; Sept. 3.
Telegraph system. R. S. Hewitt. 2,413,322; Dec. 31.
Telegraph system. F. S. Kinkead, by R. S. Kinkead. 2,403,441; July 9.
Telegraph system and apparatus, Facsimile. G. H. Riddings and R. J. Wise. Re. 22,519; Dec. 17.
Telegraph system and apparatus, Facsimile. R. J. Wise and G. H. Ridings. 2,392,442; Jan. 8.
Telegraph system, Automatic code receiving. H. J. Rosenberger. 2,398,115; Apr. 9.
Telegraph system, Automatic code transmitting. H. J. Rosenberger. 2,397,204; Mar. 26.
Telegraph system, Carrier. R. B. Shanck. 2,406,042; Aug. 20.
Telegraph system, Cryptographic. J. W. Dehn. 2,405,570; Aug. 13.
Telegraph system, Cryptographic. K. E. Fitch and G. A. Locke. 2,405,569; Aug. 13.
Telegraph system, Cryptographic. K. E. Fitch and G. A. Locke. 2,405,571; Aug. 13.
Telegraph system, Frequency diversity. H. A. Rhodes. 2,397,884–5; Apr. 2.
Telegraph system, Secret. R. M. Hicks. 2,403,280; July 2.
Telegraph tape reperforator. J. A. Spencer. 2,412,300; Dec. 10.
Telegraphy. R. W. Bumstead. 2,404,565; July 23.
Telemetering system. M. J. Di Toro. 2,403,889; July 9.
Telemetering system. J. K. Johnson. 2,403,890; July 9.
Telemetering system, Meteorological. S. Skurnick. 2,402,688; June 25.
Telemetering systems, Transmitter for. D. W. Moore, Jr. 2,402,973; July 2.
Telemetering, Time cycle. D. Silverman. 2,400,170; May 14.
Telemetric apparatus. J. N. Swarr. 2,405,801; Aug. 13.
Telemetric system. E. S. Peterson. 2,411,389; Nov. 19.
Telephone. W. H. Edwards and M. S. Richardson. 2,410,434; Nov. 5.
Telephone call transmitter. T. L. Dowey. 2,395,539; Feb. 26.
Telephone dialer, Automatic. T. W. MacKenzie. 2,407,889; Sept. 17.
Telephone diversion system, Toll. H. H. Schroeppel. 2,405,332; Aug. 6.
Telephone instrument. E. S. McLarn. 2,408,796; Oct. 8.
Telephone line circuit. W. T. Powell. 2,403,877; July 9.
Telephone line pulsing device. A. G. Milasus. 2,410,178; Oct. 29.
Telephone or like signaling system. C. Gillings and C. E. Beale. 2,407,640; Sept. 17.
Telephone or like signaling system. C. Gillings, C. E. Beale, and T. B. Terroni. 2,407,150; Sept. 3.
Telephone or like system. C. Gillings and L. J. Murray. 2,398,826; Apr. 23.
Telephone or like system. C. Gillings and L. J. Murray. 2,412,258; Dec. 10.
Telephone or like system. R. Taylor, G. T. Baker, and A. C. Corner. 2,404,466; July 23.
Telephone privacy. W. A. Munson. 2,406,352; Aug. 27.
Telephone repeater circuit. K. S. Johnson. 2,408,072; Sept. 24.
Telephone set. K. H. Blomberg. 2,405,543; Aug. 6.
Telephone set, Desk. R. E. Hersey. 2,392,321; Jan. 8.
Telephone set, Desk. H. F. Obergfell. 2,398,850; Apr. 23.
Telephone substation apparatus. D. B. Miller. 2,410,787; Nov. 5.
Telephone system. H. H. Abbott and H. M. Bascom. 2,400,061; May 14.
Telephone system. R. C. Avery. 2,397,829; Apr. 2.

Telephone system. G. Babcock. 2,397,079; Mar. 26.
Telephone system. S. M. Babcock, A. W. Horton, and M A. Logan. 2,396,072; Mar. 5.
Telephone system. H. M. Bascom and F. A. Hubbard. 2,403,475; July 9.
Telescope system. A. Bouwers. 2,409,186; Oct. 15.
Telephone system. K. L. Burgener. 2,410,866; Nov. 12.
Telephoto system. A. G. Cooley. 2,404,566; July 23.
Telephone system. J. W. Dehn and M. C. Goddard. 2,405,194; Aug. 6.
Telephone system. F. Kessler. Re. 22,813; Dec. 3.
Telephone system. M. E. Maloney. 2,408,432; Oct. 1.
Telephone system. W. A. Malthaner. 2,408,433; Oct. 1.
Telephone system. L. A. Meacham. 2,396,111; Mar. 5.
Telephone system. O. Myers. 2,405,230; Aug. 6.
Telephone system. J. E. Ostline. 2,409,063; Oct. 8.
Telephone system. J. E. Ostline. 2,410,520; Nov. 5.
Telephone system. W. T. Powell. 2,402,446; June 18.
Telephone system. A. J. Ray. 2,398,854; Apr. 23.
Telephone system. W. G. Stanley and F. A. Leibe. 2,395,916; Mar. 5.
Telephone system. R. Taylor and G. T. Baker. 2,405,620; Aug. 13.
Telephone system. R Taylor and G. T. Baker. 2,409,164; Oct. 8.
Telephone system. J. H. Voss. 2,395,155; Feb. 19.
Telephone system. S. B. Williams. 2,402,700; June 25.
Telephone system. R. O. Wise. 2,408,462; Oct. 1.
Telephone system. P. L. Wright. 2,406,053; Aug. 20.
Telephone system. D. H. Young. 2,393,354; Jan. 22.
Telephone system, Automatic. G. T. Baker. 2,402,232; June 18.
Telephone system, Automatic. J. M. Blackhall. 2,396,077; Mar. 5.
Telephone system, Automatic. W. T. Powell. 2,409,586; Oct. 15.
Telephone system, Automatic. W. T. Powell. 2,410,304; Oct. 29.
Telephone system, Automatic. N. H. Saunders. Re. 22,820; Dec. 17.
Telephone system, Multiplex. E. M. Deloraine. 2,395,467; Feb. 26.
Telephone traffic indicating and recording means. W. J. Vincent and E. D. Talbot. 2,392,890; Jan. 15.
Telephone traffic recording system. J. E. Ostline. 2,393,403; Jan. 22.
Telephone transmitter. G. H. Brodie. 2,404,772; July 30.
Telephones and phonographs, Combining. H. R. Van Deventer. 2,393,272; Jan. 22.
Telephony, Secret. F. G. Bubrendorf. 2,406,348; Aug. 27.
Telephony, Secret. F. E. Smith. 2,401,889; June 11.
Telescope for receiving and detecting ultra-violet light. W. Rosett. 2,401,191; May 28.
Telescope objective, wide-angle. F. E. Altman. 2,401,324; June 4.
Telescope sight. C. W. Dake. 2,392,122; Jan. 1.
Telescope, Variable power. F. E. Altman. 2,398,276; Apr. 9.
Telescopic tubes and the like, Method and apparatus for fitting. J. R. McLaughlin. 2,407,760; Sept. 17.
Telescopic tubular plywood mast and making same. P. R. Goldman. 2,412,678; Dec. 17.
Telescopic unit, Resilient. C. J. Underwood. 2,404,111; July 16.
Teletypewriting machine. E. O. Blodgett. 2,396,230; Mar. 12.
Television apparatus. G. L. Beers. 2,400,066; May 14.
Television apparatus. H. T. Lyman. 2,397,150; Mar. 26.
Television, Color. P. C. Goldmark. 2,406,760; Sept. 3.
Television communication, Method and system for. J. H. Homrighous. 2,398,642; Apr. 16.
Television film scanning system, Color. J. D. Schantz. 2,412,098; Dec. 3.
Television follower apparatus. F. W. Reynolds. 2,403,023; July 2.
Television image projection system. H. P. Prosser. 2,398,960; Apr. 23.
Television, Modulation system for. W. J. Poch. 2,403,549; July 9.
Television projector tube. D. B. Langmuir and J. S. Donal, Jr. 2,412,520; Dec. 10.
Television receiving system. E. J. Gorn. 2,411,155; Nov. 19.
Television receiving system. H. E. Kallmann. 2,394,917; Feb. 12.
Television receiving system. A. H. Rosenthal. Re. 22,734; Mar. 19.
Television signal generator. J. A. Hansen. 2,404,173; July 16.
Television signal generator. L. F. Mayle. 2,401,010; May 28.
Television signal separator. M. Cawein. 2,399,593; Apr. 30.
Television signal-translating system. W. F. Bailey. 2,404,939; July 30.
Television signals, Method and system for developing. O. H. Schade. 2,413,075; Dec. 24.
Television system. C. O. Browne and H. W. Hobbs. 2,404,030; July 16.
Television system. A. M. Carmel. 2,408,293; Sept. 24.
Television system. P. H. Craig. 2,393,890; Jan. 29.
Television system. A. N. Goldsmith. 2,398,705; Apr. 16.
Television system. O. H. Schade. 2,402,091; June 11.
Television system. W. A. Tolson and R. S. Holmes. 2,401,441; June 4.
Television system. N. H. Young, Jr. 2,401,384; June 4.
Television system, Self-synchronizing. J. H. Homrighous. 2,398,641; Apr. 16.
Television transmitting apparatus. L. E. Flory, E. A. Massa, and G. A. Morton. 2,404,046; July 16.
Telltale. W. B. Klemperer. 2,400,152; May 14.
Temperature and pressure control. R. W. Jensen. 2,405,831; Aug. 13.
Temperature change compensating means. S. Rockafellow. 2,409,800; Oct. 22.
Temperature control, Aircraft. H. T. Sparrow. 2,408,699; Oct 1.
Temperature control in regeneration of contact masses. A. J. Abrams. 2,399,532; Apr. 30.
Temperature control valve. L. R. Titcomb. 2,393,841; Jan. 29.
Temperature indicating electric iron. L. R. Bolte. 2,408,750; Oct. 8.
Temperature indicator. H. F. Malone. 2,391,992; Jan. 1.
Temperature indicator. A. Paalu. 2,395,937; Mar. 5.
Temperature instrument, Remote reading. R. Scott. 2,393,197; Jan. 15.
Temperature responsive controller. A. C. Purpura. 2,392,407; Jan. 8.
Temperature sensitive means. C. F. Kettering. 2,399,640; May 7.
Template. M. S. Cree. 2,409,019; Oct. 8.
Templates, Manufacture of. G. B. Crouse and F. A. Holt. 2,405,090; July 30.
Templet. S. W. Hayes. 2,412,147; Dec. 3.
Temporary fastener. K. C. Bugg and H. L. Hart. 2,393,587; Jan. 29.
Tensiometer. G. E. Holton, C. E. Heglund, and J. V. Manson. 2,403,799; July 9.
Tensiometer. A. L. Marker and E. W. Bergere. 2,401,876; June 11.
Tension control for abrasive belt systems, Measured. S. H. Klossner. 2,407,499; Sept. 10.
Tension device for sheet material. H. P. Faris and J. E. White. 2,398,822; Apr. 23.
Tension for Axminister looms, Weft. N. Fletcher. 2,407,773; Sept. 17.
Tension of warp beams of looms, Method and apparatus for mounting and controlling. M. P. Epstein and C. R. Barton. 2,413,223; Dec. 24.
Tension recoil garment pressing machines, Variable. N. Monsarrat. 2,398,909; Apr. 23.
Tensioning device. M. F. Jones and H. F. Hanson. 2,404,963; July 30.
Tensioning device, Yarn. E. C. Gwaltney and H. R. Marsh. 2,405,885; Aug. 13.
Tent. N. Rosenfeld. 2,393,415; Jan. 22.
Terminal, Adjustable ventilation. W. H. Hoppmann, Jr., and D. T. Theodore. 2,400,880; May 28.
Terminal assembly, Coaxial. W. W. Rigrod and D. G. Clifford. 2,408,271; Sept. 24.
Terminal assembly for electric circuits. N. H. Martin. 2,397,283; Mar. 26.
Terminal block. P. S. Graham. 2,397,102; Mar. 26.
Terminal block. H. R. Warnke. 2,411,014; Nov. 12.
Terminal, Cable. L. Wetherill. 2,401,996; June 11.
Terminal connector. E. H. Ayers. 2,401,130; May 28.
Terminal construction. B. R. Hermann. 2,399,028; Apr. 23.
Terminal, Electrical. W. J. Kindermann. 2,406,383; Aug. 27.
Terminal fitting for stranded-wire structure, Detachable. A. E. Brickman. 2,412,948; Dec. 24.
Terminal for electron tubes, Contact. S. J. Koch. 2,398,535; Apr. 16.
Terminal, Head band. W. E. Morgan. 2,412,741; Dec. 17.
Terminal, Starter adapter. H. M. Lewis. 2,407,611; Sept. 10.
Terpene derivatives. J. N. Borglin. 2,394,359; Feb. 5.
Terpene derivative. A. L. Rummelsburg. 2,397,205; Mar. 26.
Terpene derivatives. A. L. Rummelsburg. 2,406,106; Aug. 20.
Terpene derivatives. A. L. Rummelsburg. 2,407,937; Sept. 17.
Terpene isomerization. W. J. Kirkpatrick. 2,393,915; Jan. 29.
Terpene product, Stabilization of. A. L. Rummelsburg. 2,404,251; July 16.
Terpene reaction product and producing. E. Ott. 2,413,648; Dec. 31.
Terpene separation. N. T. Farinacci and W. J. Kirkpatrick. 2,393,894; Jan. 29.
Tertiary alkyl ureas and formaldehyde and producing same, Reaction condensation products of. M. T. Harvey and S. Caplan. 2,406,218; Aug. 20.
Tertiary amines of heterocyclic compound. C. Djerassi, C. P. Huttrer, and C. R. Scholz. 2,406,594; Aug. 27.
Tertiary amino derivatives of dihydro-anthracene. J. W. Cusic. 2,403,483; July 9.

Tertiary amino derivatives of dihydroanthracene. J. W. Cusic. 2,404,219; July 16.
Test apparatus, Bending modulus. J. W. Liska and F. S. Grover. 2,404,584; July 23.
Test apparatus, Thermionic tube. J. B. Crawley. 2,399,859; May 7.
Test circuit. P. N. Burrows and N. R. Lockwood. 2,397,406; Mar. 26.
Test for tire cord, Fatigue. G. D. Mallory. 2,412,524; Dec. 10.
Test light. J. Berger. 2,413,484; Dec. 31.
Test sample, Assembly. H. W. Dietert. 2,402,738; June 25.
Test set for communication apparatus. W. L. Konrad. 2,398,381; Apr. 16.
Test system. D. E. Garr and B. S. Weaver. 2,399,918; May 7.
Tester, Battery capacity. B. F. W. Heyer. 2,392,737; Jan. 8.
Tester, Echo box resonance. J. W. Brannin. 2,405,814; Aug. 13.
Tester, Flow condition. T. B. Crawford and J. E. Vilbig. 2,395,536; Feb. 26.
Tester, Glove-size. R. C. Koepnick, D. I. Patt, and F. E. Rapdall. 2,406,386; Aug. 27.
Tester, Power-operated sediment. A. M. Lang. 2,400,154; May 14.
Tester, Propeller governor. I. V. Falk. 2,410,155; Oct. 29.
Tester, Shell banding. H. C. Drake. 2,401,917; June 11.
Tester, Side-wall production. A. M. Bandy. 2,391,869; Jan. 1.
Tester, Spring. H. H. Walley, Jr., and A. W. Keema. 2,407,591; Sept. 10.
Testing and selecting device, Can. C. D. Russell. 2,399,391; Apr. 30.
Testing apparatus. W. Newton. 2,401,954; June 11.
Testing apparatus, Blood pressure. C. H. McAlpine. 2,405,265; Aug. 6.
Testing apparatus, Drag. J. M. Bell. 2,398,574; Apr. 16.
Testing apparatus, Electrical. J. H. Miller. 2,410,386; Oct. 29.
Testing apparatus, Material. C. E. Miller and R. J. Demartini. 2,411,450; Nov. 19.
Testing apparatus of the vibratory motion type. P. W. Ott. 2,399,503; Apr. 30.
Testing assembly. J. M. Laird. 2,406,080; Aug. 20.
Testing compressible hardness of materials, Method and apparatus for. E. A. Sprigg. 2,407,583; Sept. 10.
Testing device. G. R. Greenslade. 2,399,018; Apr. 23.
Testing device. T. Groven and D. R. Buxton. 2,396,172; Mar. 5.
Testing device. A. W. Hatfield. 2,403,859; July 9.
Testing device. R. V. Puterbaugh and W. H. Puterbaugh, Jr. 2,398,156; Apr. 9.
Testing device and method, Quartz crystal. G. W. Willard. 2,401,382; June 4.
Testing device, Hollow axle. H. F. Gilch. 2,399,864; May 7.
Testing device, Impact. A. Zavarella and L. McPheters. 2,398,458; Apr. 16.
Testing device, Knowledge. C. Lorber. 2,394,247; Feb. 5.
Testing device, Tack. R. E. Bonner and M. D. Brewster. 2,406,989; Sept. 3.
Testing device, Thread friction. R. J. Fish. 2,407,545; Sept. 10.
Testing equipment. K. M. Fetser and F. A. Hoyt. 2,402,617; June 25.
Testing machine, Scrape-abrasion. H. J. Wilhoyte, Jr. 2,397,227; Mar. 26.
Testing machine, Tensile. R. Cummings. 2,400,920; May 28.
Testing machine, Tube leakage. E. M. Rogers. 2,398,328; Apr. 9.
Testing machine, Valve. W. A. Marshall, Jr. 2,405,924; Aug. 13.
Testing machine, Variable velocity impact. J. J. Kanter and W. V. Smith. 2,398,746; Apr. 16.
Testing means, Eye. C. A. Ellis. 2,406,596; Aug. 27.
Testing metal, Sonic method for. T. A. Read, H. I. Fusfeld, and S. W. Kitchen. 2,403,999; July 16.
Testing method. W. L. Hoff and L. I. Shaw. 2,393,684; Jan 29.
Testing, Method of and apparatus for magnetic. F. B. Doane. 2,401,467; June 4.
Testing system, Frequency response. S. F. Carlisle, Jr., and A. B. Mundel. 2,401,411; June 4.
Testing tubes. W. G. Rommel. 2,394,875; Feb. 12.
Tetraethyl lead. W. de B. Bertolette and A. E. Parmelee. 2,400,383; May 14.
Tetraethyl lead from hydrocarbons, Removal of. M. Friedman. 2,392,846; Jan. 15.
Tetra ethyl lead, Purification of. A. E. Parmelee. 2,410,356; Oct. 29.
Tetrafluoroethylene, Depolymerization of polymeric. E. E. Lewis. 2,406,153; Aug. 20.
Tetrafluoroethylene polymer, Pyrolysis of. A. F. Benning, F. B. Downing, and J. D. Park. 2,394,581; Feb. 12.
Tetrafluoroethylene, Polymerising. M. M. Brubaker. 2,393,967; Feb. 5.
Tetrafluoroethylene, Polymerizing. R. M. Joyce, Jr. 2,394,243; Feb. 5.
Tetrafluoroethylene, Stabilization of. M. M. Brubaker. 2,407,396; Sept. 10.
Tetrafluoroethylene, Stabilization of. M. A. Dietrich and R. M. Joyce, Jr. 2,407,405; Sept. 10.
Tetrafluoroethylene, Stabilization of. W. E. Hanford. 2,407,419; Sept. 10.
Tetrahydrofurfuryl ether of amino-diphenylamine, R. P. Parker and C. M. Hofmann. 2,400,050; May 7.
Tetrahydropyrrole alcohol esters of halogen substituted carboxylic acids. J. N. Borglin. 2,410,197; Oct. 29.
Tetrakisazodyestuffs. J. Gyr and R. Gunst. 2,401,868; June 11.
Tetryl, Manufacture of. G. W. Batchelder. 2,405,340; Aug. 6.
Textile and other materials, Production of colored. H. C. Olpin, E. Stanley, and C. S. Argyle. 2,393,652; Jan. 29.
Textile apparatus. E. R. Stabl, F. W. Schulte, and W. J. Elvin. 2,398,473; Apr. 16.
Textile apparatus. P. J. Thomas. 2,395,522; Feb. 26.
Textile carding machine. E. C. Gwaltney and H. E. Child. 2,396,571; Mar. 12.
Textile drawing frame. R. D. Tarr. 2,398,756; Apr. 16.
Textile fabric and producing same, Resin-impregnated woven. R. C. Whitman. 2,400,379; May 14.
Textile fibers, Lubrication of. H. J. Billings. 2,413,428; Dec. 31.
Textile fibers, Treating of mixed. J. H. McKeown and W. Penn. 2,399,559; Apr. 30.
Textile finishing. H. J. West. 2,397,451; Mar. 26.
Textile machine. W. J. Elvin. 2,401,725; June 11.
Textile machinery. E. Kinsella. 2,396,662; Mar. 19.
Textile machines, Controlling. J. J. Nesterowicz. 2,400,837; May 21.
Textile material and preparing it. E. C. Pfeffer, Jr., and J. Epelberg. 2,412,832; Dec. 17.
Textile material to prevent edge curling, Treating. J. F. Gifford. 2,402,621; June 25.
Textile materials, Continuous dyeing of. G. F. Womble. 2,396,908; Mar. 19.
Textile materials, Mildewproofing of. W. P. ter Horst. 2,401,028; May 28.
Textile materials, Treatment of. G. W. Seymour and W. Brooks. 2,406,408; Aug. 27.
Textile printing composition and fabric. D. M. Gans. 2,394,542; Feb. 12.
Textile printing paste and fabric. D. M. Gans. 2,394,543; Feb. 12.
Textile rope-stacking apparatus. S. Steele. 2,403,311; July 2.
Textile spindle. E. G. Crawford. 2,412,129; Dec. 3.
Textile treatment. H. O. Kauffmann, E. S. Shanley, and R. L. McEwen. 2,391,905; Jan. 1.
Textile webbing. J. A. Hendley. 2,410,028; Oct. 29.
Textiles and preparation, Composition for waterproofing. H. L. Van Mater. 2,402,857; June 25.
Textiles and the like, and apparatus therefor, Continuous printing. V. Carlsen, A. Heinrich, and D. L. Ballou. 2,404,350; July 23.
Textiles and the product produced, Finishing J. A. Clark. 2,391,867; Jan. 1.
Textiles, fibers and the like water-repellent, Rendering. W. Hentrich and R. Hueter. 2,411,860; Dec. 3.
Textiles, Manufacture of. L. A. Savage. 2,410,394; Oct. 29.
Textiles, Preparation of water-repellant. H. Robinette, Jr. 2,402,776; June 25.
Textiles, Process and compositions for treating. G. H. Morey. 2,402,767; June 25.
Textiles, Treating cellulose-containing. E. Weiss. 2,411,818; Nov. 26.
Textiles, Treatment of. D. Aelony. 2,398,272; Apr. 9.
Theater. L. P. Josserand. Re. 22,756; May 14.
Theatrical apparatus. W. R. Spohn. 2,405,766; Aug. 13.
Therapeutic bath, Automatic plural temperature timing. R. E. Schurts. 2,413,002; Dec. 24.
Therapeutic compositions. S. Ansbacher. 2,403,473; July 9.
Thermal-balance-responsive apparatus. R. W. Shoemaker. 2,398,333; Apr. 9.
Thermal control apparatus. L. M. Persons. 2,392,613; Jan. 8.
Thermal decomposition in high temperature accumulators, Reducing. K. J. F. Dutson, Jr., and D. A. Smith. 2,398,213; Apr. 9.
Thermal dissociation of monoethanolamine salts. R. M. Reed. 2,399,142; Apr. 23.
Thermal power plant. R. Ruegg. 2,411,294; Nov. 19.
Thermal prospecting. L. W. Blau. 2,403,704; July 9.
Thermal protective device. A. R. van C. Warrington. 2,412,483; Dec. 10.
Thermal reactions, Process and apparatus for promoting. W. W. Odell. 2,398,954; Apr. 23.
Thermal reduction of oxidic magnesium ore. C. B. Willmore. 2,402,193; June 18.
Thermionic devices, Manufacture of miniature. F. R. Kew and J. J. Bannon, Jr. 2,400,122; May 14.
Thermionic tube. M. Bareiss. 2,395,835; Mar. 5.
Thermionic tube. W. W. Eitel and J. A. McCullough. 2,400,080-1; May 14.

Thermionic tubes and cathode therefor, Operating. C. V. Litton. 2,392,397; Jan. 8.
Thermionic valves and the like, Securing holders of. G. Wagstaff. 2,401,207; May 28.
Thermocouple. A. Graves and G. A. R. Tomes. 2,413,618; Dec. 31.
Thermocouple. J. P. Vollrath. 2,405,076; July 30.
Thermodynamic process and apparatus. J. R. Roebuck. 2,393,338; Jan. 22.
Thermoelectric device. R. S. Ohl. 2,402,663; June 25.
Thermoelectric device. E. Schwarz. 2,393,196; Jan. 15.
Thermoelectric device. E. Schwarz. 2,397,756; Apr. 2.
Thermoelectric generating device. E. Paille. 2,410,128; Oct. 29.
Thermoelectric generator. H. J. Findley. 2,410,872; Nov. 12.
Thermoelectric generator. W. R. Ray. 2,407,517; Sept. 10.
Thermoelectric system. R. S. Ohl. 2,407,678; Sept. 17.
Thermohydrometer. L. Edelmann. 2,393,522–3; Jan. 22.
Thermohydrometer. A. Z. Hoyer. 2,410,031; Oct. 29.
Thermometer. A. A. Weiss. 2,395,701; Feb. 26.
Thermometer and thermostat, Wet bulb. R. T. Palmer. 2,412,782; Dec. 17.
Thermometer, Resistance. R. H. Ostergren. 2,395,192; Feb. 19.
Thermomotive device. C. I. Hall. 2,399,020; Apr. 23.
Thermopile for fire alarm systems. F. G. Kelly. 2,410,218; Oct. 29.
Thermoplastic articles, Making molded. R. R. Bradshaw. 2,399,592; Apr. 30.
Thermoplastic compositions. E. F. Brookman and L. M. Smith. 2,397,942; Apr. 9.
Thermoplastic helicoidal structures, Making. R. F. and J. E. Pierce. 2,393,058; Jan. 15.
Thermoplastic lacquer and preparing the same. J. B. Monier. 2,411,665; Nov. 26.
Thermoplastic material, Extrusion of. J. R. Hiltner and W. Berlinghof, Jr. 2,401,642; June 4.
Thermoplastic material to sheets or webs, Method and apparatus for applying. W. F. Grupe. 2,396,946; Mar. 19.
Thermoplastic materials, Extruding. J. Bokeeno. 2,411,847; Dec. 3.
Thermoplastic resinous compositions, Manufacture of expanded. A. Cooper and D. E. Partington. 2,405,345 Aug. 6.
Thermopressure gluing press. E. J. Klassen. 2,411,043; Nov. 12.
Thermoresponsive cable. R. D. Kaul. 2,409,359; Oct. 15.
Thermosetting composition. J. L. Haas. 2,396,098; Mar. 5.
Thermosetting material, Molding. N. Lester. 2,410,510; Nov. 5.
Thermosetting polyvinyl compositions. E. E. Novotny, G. K. Vogelsang, and E. E. Novotny. 2,402,075; June 11.
Thermostat. E. K. Clark and J. S. Wojcik. 2,398,579; Apr. 16.
Thermostat. W. B. Griffith. 2,413,140; Dec. 24.
Thermostat. M. A. Schwartz. 2,413,079; Dec. 24.
Thermostat. S. Vernet. 2,396,138; Mar. 5.
Thermostat. K. L. Woodman. 2,405,003; July 30.
Thermostat circuit. E. J. Masek. 2,394,708; Feb. 12.
Thermostat controlled alarm. P. Martin. 2,403,667; Oct. 1.
Thermostat, Fire detecting. R. P. Jameson. 2,411,093; Nov. 12.
Thermostat, Resistance bulb. V. O. Beam, B. Cyr, and J. M. Wilson. 2,403,843; July 9.
Thermostatic element. D. W. Abernathy. Re. 22,754; May 14.
Thermostatic elements, Making. L. M. Persons. 2,392,943; Jan. 15.
Thermostatic metal. C. F. Alban and S. R. Hood. 2,403,895; July 16.
Thermostatic overload relay. G. C. Armstrong. 2,404,352; July 23.
Thermostatic relay. G. C. Armstrong. 2,412,854; Dec. 17.
Thermostatic surge valve. E. C. Warrick and H. Cruzan. 2,400,615; May 21.
Thermostatic switch. G. W. Crise. 2,413,100; Dec. 24.
Thermostatic switch. B. E. Getchell. 2,412,142; Dec. 3.
Thermostatic switch. J. A. Rodgers. 2,392,065; Jan. 1.
Thermostatic switch. F. W. Stein. 2,406,443; Aug. 27.
Thermostatic switch. A. Wild. 2,405,869; Aug. 13.
Thermostatic switch plug. B. F. Oebbecke. 2,407,764; Sept. 17.
Thiazoles, Preparation of. J. K. Simons. 2,396,893; Mar. 19.
Thickness, Determining blade. H. P. Moyer. 2,399,650; May 7.
Thimble, Junction box for rope. E. H. Borgelt. 2,398,403; Apr. 16.
Thimble, Yarn cutting. J. S. Smith. 2,392,885; Jan. 15.
Thin abrasive wheel. E. N. Newnham. 2,394,326; Feb. 5.
Thio-acids and derivatives, Manufacture of. H. M. Martin. 2,413,361; Dec. 31.
Thiocyanate quaternary compounds and preparing the same. J. Pikl. 2,402,526; June 18.
Thiocyanates, Prevention of formation of colors in. W. H. Hill and J. H. F. Veltman. 2,404,576; July 23.
Thiocyanic acid and cyclopentadiene-olefinic adducts, Addition rearrangement products of. H. A. Bruson. 2,411,869; Dec. 3.
Thiocyano aliphatic ethers of hydroxidihydronordicyclopentadiene, H. A. Bruson. 2,395,454; Feb. 26.
Thiocyano alkyl ethers of endoethylene cyclopentanole. H. A. Bruson. 2,412,799; Dec. 17.
Thio ethers, Mixed. P. H. Schlosser and K. R. Gray. 2,392,103; Jan. 1.
Thio-ethers, Photo-chemical preparation of. F. F. Rust and W. E. Vaughan. 2,392,294; Jan. 1.
Thio-ethers, Photo-chemical production of halogenated. F. F. Rust and W. E. Vaughan 2,392,295; Jan 1
Thioglycolic amides. A. Weissberger, C. J. Kibler, and R. V. Young. 2,412,700; Dec. 17.
Thiol derivatives. A. A. Pavlic and W. J. Peppel. 2,397,689; Apr. 2.
Thiols, Producing. M. W. Farlow and F. K. Signaigo. 2,402,613; June 25.
Thionaphthols, Preparation of. W. A. Lazier, F. K. Signaigo, and L. G. Wise. 2,402,645; June 25.
Thionyl chloride, Preparation of. A. T. Hallowell and G. T. Vaala. 2,393,247; Jan. 22.
Thiophan-3-one and manufacture of same. P. Karrer. 2,408,518; Oct. 1.
Thiophene, Preparation of. D. D. Coffman. 2,410,401; Oct. 29.
Thiourea compounds, Condensation products of. C. Graenacher and R. Sallmann. 2,411,655 Nov. 26.
Thiourea, Manufacture of. W. F. Lewis. 2,393,917; Jan. 29.
Thiozonides of the 2 cyclo-alken-1 series. O. Huppert. 2,397,355; Mar. 26.
Thrashing machine. A. D. Clark. 2,403,638; July 9.
Thread-advancing device. R. W. Stanley and W. B. Lowe. 2,404,005; July 16.
Thread-advancing reel. L. A. Corey. 2,413,217; Dec. 24.
Thread advancing reel. R. W. Stanley. 2,396,297; Mar. 12.
Thread advancing reel. R. W. Stanley and W. B. Lowe 2,403,031; July 2.
Thread and glass cutting compound. J. B. Williams. 2,396,403; Mar. 12.
Thread breaker E H Schmidt. 2,392,268; Jan. 1.
Thread control mechanism for sewing machines. N. V. Christensen, H. J. Le Vesconte, and A. M. Schweda. 2,394,365; Feb. 5.
Thread controlling means for sewing machines. F. F. Zeier. 2,413,277; Dec. 24.
Thread cutter. H. F. Dooling. 2,413,406; Dec. 31.
Thread cutter. M. Schreiber and A. Stebbins. 2,407,578; Sept. 10.
Thread cutting machine. R. W. Ecoff. 2,393,600; Jan. 29.
Thread diameter gauge. G. S. Bunch. 2,399,624; May 7.
Thread finishing machine. A. E. Winslow. 2,400,325; May 14.
Thread for elastic fabrics, Sewing. A R. Bell. 2,397,460; Apr. 2.
Thread inspection device. W. M. Alling. 2,412,381; Dec. 10.
Thread, Method and apparatus for twisting. J. K. Whisnant. 2,407,358; Sept. 10.
Thread or the like, Manufacture of. H. B. Kline, L. S. Fryer, and R. D. MacLaurin. 2,394,519; Feb. 5.
Thread production. J. A. Bradner. 2,410,261; Oct. 29.
Thread remover for weft replenishing looms, Pneumatic. R. G. Turner. 2,400,963; May 28.
Thread, Wetting. A. Burgeni and R. L. Keown. 2,398,516; Apr. 16.
Thread with liquids, Treatment of. D. C. F. Devos. 2,395,256; Feb. 19.
Threaded connection, Adjustable. J. W. Leighton. 2,404,076; July 16.
Threaded fastening device. D. C. Hungerford and J. D. Shaw. 2,393,323; Jan. 22.
Threaded locking device. R. W. Luce. 2,391,989; Jan. 1.
Threaded locking device. R. W. Luce. 2,412,896; Dec. 17.
Threading apparatus. M. F. Boeck and H. L. Rausch. 2,397,463; Apr. 2.
Threading device. E. N. Simmons. 2,398,052; Apr. 9.
Threading device, Needle. C. J. Schuster. 2,411,118; Nov. 12.
Threadless pipe connector. E. Kaysing. 2,393,252; Jan. 22.
3,4-Dibromotetrahydrothiophene. W. I. Patterson and J. V. Karabinos. 2,411,225; Nov. 19.
3,4-dihydroxy-thiophan and manufacture of same, Derivatives of. P. Karrer. 2,410,948; Nov. 12.
3-hydroxy-2-butanone, Production of. N. Sjolander and W. Eisenman. 2,401,778; June 11.
3-picoline, 4-picoline, and 2,6-lutidine, Separating. G. Riethof. 2,412,649–51; Dec. 17.
3-picoline, Recovery of pure. G. Riethof. 2,403,949; July 16.
3,6-epoxycyclohexene. W. Nudenberg. 2,405,267; Aug. 6.
3-ureido-1,2,4-triazoles and their preparation. D. W. Kaiser. 2,399,598; Apr. 30.

Three-way solenoid valve. B. E. Shaw. 2,398,452; Apr. 16.
Thromboplastin product and preparation of same. H. P. Smith. 2,408,535; Oct. 1.
Throttle and pressure control. L. A. Phillips. 2,399,505; Apr. 30.
Throttle control. P. M. Waite. 2,406,273; Aug. 20.
Throttle control. P. M. Waite. 2,406,872; Sept. 3.
Throttle control. P. M. Waite. 2,409,231; Oct. 15.
Throttle control, Automatic. L. F. Soble. 2,402,851; June 25.
Throttle control, Carburetor. J. F. Weakley. 2,412,021; Dec. 3.
Throttle, Duct. W. H. Hunter. 2,409,433; Oct. 15.
Throttling device, Multiple orifice. C. R. Mockridge and H. W. Allerton. 2,400,161; May 14.
Throttling valve. J. S. Palmer. 2,403,751; July 9.
Thrust collar construction. R. D. Acton and A. Krieg. 2,397,905; Apr. 9.
Thyroid product, Brominated. E. A. Ferguson, Jr. 2,395,372; Feb. 19.
Ticket controlling means. R. Hofer. 2,400,510; May 21.
Ticket issuing machine. C. D. Tuska. 2,400,793; May 21.
Ticket roll holder. W. A. Roehner. 2,411,293; Nov. 19.
Tie and spacer, Concrete form. A. Olson. 2,413,415; Dec. 31.
Tieback, Curtain or drapery. J. Hagen. 2,403,361; July 2.
Tieback, Drapery and curtain. M. I. van Zandt. 2,399,524; Apr. 30.
Tie, Bow. A. F. Taborski. 2,411,908; Dec. 3.
Tie for track rails, Metallic. J. H. Keith. 2,398,942; **Apr. 23.**
Tie, Interchangeable bow. A. F. Taborski and J. W. Terry. 2,394,024; Feb. 5.
Tie, Knotless package. I. R. Trevisan. Re. 22,753; May 7.
Tie lock. B. Resnick. 2,396,751; Mar. 19.
Tie plate and rail anchor assembly. E. J. Boland. 2,410,260; Oct. 29.
Tie-plates upon crossties, Fastening. F. A. Preston. 2,397,750; Apr. 2.
Tie rack. A. Dunn and O. C. Eiland. 2,411,320; Nov. 19.
Tie rack. T. Kramer. 2,409,570; Oct. 15.
Tie, Railroad. B. Branham. 2,406,131; Aug. 20.
Tie rod coupling. J. H. Brenner and L. Siama. 2,396,151; Mar. 5.
Tie, Wall. W. Vander May. 2,400,670; May 21.
Tied for reinforcing rods, Chair. B. F. Burner and L. A. Brooke. 2,407,249; Sept. 10.
Tightener, Nut. J. H. Buechler. 2,411,245; Nov. 19.
Tightener, Sucker rod. J. D. Cavaness. 2,409,104; Oct. 8.
Tightening means, Chain. H. S. Ausherman. 2,409,526; Oct. 15.
Tile, Acoustic. A. B. Hurley. 2,410,413; Nov. 5.
Tile, Acoustical. G. H. Burt. 2,412,713; Dec. 17.
Tile forming mold. R. J. Kingston. 2,404,966; July 30.
Tiller, Disk. W. H. Silver. 2,392,006; Jan. 1.
Tiller, Rotary. J. P. Bagan. 2,408,361; Oct. 1.
Tiltable chair. H. W. Bolens. 2,403,425; July 2.
Tiltable shelves drill holder case. J. A. Ramsey. 2,408,227; Sept. 24.
Tilting apparatus. D. H. Mitchell. 2,398,715; Apr. 16.
Tilting apparatus, Railway car. J. H. Porteus. 2,404,091; July 16.
Timber ring connector. F. H. Alcott. 2,400,864–5; May 21.
Timber setting machine. H. S. Gay and T. V. Maynard. 2,408,387; Oct. 1.
Time delay apparatus. M. G. Nicholson, Jr. 2,401,094; May 28.
Time delay circuit. F. E. Bartholy. 2,393,014; Jan. 15.
Time delay device. R. M. Bennett and G. H. Syrovy. 2,393,736; Jan. 29.
Time delay relay circuit. R. Di Giuseppe. 2,394,294; Feb. 5.
Time delay-relay, Instant recycling. M. G. Nelsen. 2,396,523; Mar. 12.
Time-delay switch. D. B. Jones. 2,398,183; Apr. 9.
Time fuse, Ammunition. C. F. Zappone. 2,405,085; July 30.
Time fuses, Safety device for mechanical. J. E. Middlemiss. 2,398,439; Apr. 16.
Time indicator. J. P. Putnam. 2,396,929; Mar. 19.
Time interval meter. F. Rieber. 2,401,019; May 28.
Time limit device, Adjustable. R. B. Immel. 2,406,377; Aug. 27.
Time-measuring instrument. O. Kornei. 2,395,127; Feb. 19.
Timepiece movement, Electric. G. F. Dales. 2,400,687; May 21.
Timepiece regulator. L. Wolfe. 2,393,671; Jan. 29.
Timepiece setting mechanism. E. F. Carlstrom. 2,412,493; Dec. 10.
Time recorder. F. L. Eidmann and G. C. Engel. 2,393,761; Jan. 29.
Time recording apparatus. M. F. Disney. 2,395,658; Feb. 26.
Time sequencing control system, Thermal. B. W. Jones. 2,409,492; Oct. 15.
Time system. R. L. Lorenz. 2,393,789; Jan. 29.
Timer. E. G. Henry. 2,398,637; Apr. 16.
Timer. C. W. Smith. 2,411,393; Nov. 19.
Timer, Compensating stoker. G. W. Crise. 2,402,240; June 18.
Timer, Electronic differential. W. I. Bendz. 2,393,015; Jan. 15.
Timer for Roentgen photography, Photoelectric. R. H. Morgan and P. C. Hodges. 2,401,289; May 28.
Timer for toaster. A. C. Purpura. 2,402,576; June 25.
Timer, Picture or film. M. Fleischer and G. M. Mast. 2,410,577; Nov. 5.
Timing and volume control, Air draft. C. M. Helyar. 2,407,743; Sept. 17.
Timing apparatus. A. J. Brunner. 2,394,661; Feb. 12.
Timing apparatus. R. G. Richardson. 2,398,249; Apr. 9.
Timing apparatus. H. F. Storm. 2,396,898; Mar. 19.
Timing arrangement, Electrical. D. A. Christian. 2,409,165; Oct. 8.
Timing arrangement for multiple unit polishing machines, Automatic. C. D. Johnson. 2,399,039; Apr. 23.
Timing circuit. P. G. Edwards. 2,399,213; Apr. 30.
Timing control apparatus. A. H. Powell. 2,393,187; Jan. 15.
Timing control circuit. B. Elsenberg. 2,396,497; Mar. 12.
Timing device. H. J. Dibblee. 2,401,747; June 11.
Timing device. C. S. Hornberger. 2,402,965; July 2.
Timing device. J. Ogden. 2,409,888–9; Oct. 22.
Timing device. P. M. Pappas. 2,393,559; Jan. 22.
Timing device. M. H. Rhodes. 2,408,997; Oct. 8.
Timing device. W. R. Tallaferro. 2,397,219; Mar. 26.
Timing device, Electronic. E. M. Callender. 2,409,473; Oct. 15.
Timing device, Electronic. L. E. Flory. 2,410,156; Oct. 29.
Timing device, Fluid operated. A. H. Haberstump and L. C. Freeman. 2,397,103; Mar. 26.
Timing means, Impulse actuated. C. W. Gilbert. 2,407,252; Sept. 10.
Timing mechanism. E. W. Gent. 2,400,085; May 14.
Timing mechanism, Exposure. R. L. Smith 2,407,800; Sept. 17.
Timing modulation. N. I. Korman. 2,400,648; May 21.
Timing system for ice making apparatus. J. D. Williams, Jr. 2,396,308; Mar. 12.
Tin depositing process. A. G. Hopkins. 2,408,515; Oct. 1.
Tin electrodepositing composition and process. E. W. Schweikher. 2,402,185; June 18.
Tin, Electrodeposition of. J. W. Andrews. 2,399,194; Apr. 30.
Tin, Electrodeposition of. E. W. Schweikher. 2,407,579; Sept. 10.
Tin plating. N. F. Blackburn. 2,406,189; Aug. 20.
Tip, Crutch. L. L. Brown. 2,403,632; July 9.
Tip, Torch. A. F. Jenkins. 2,392,593; Jan. 8.
Tire. C. F. Crumb. 2,405,688; Aug. 13.
Tire. J. H. Doering and R. H. McCarroll. 2,405,943; Aug. 20.
Tire. M. M. Itscovich. 2,400,047; May 7.
Tire buffing machine. P. E. Hawkinson. 2,392,667; Jan. 8.
Tire building apparatus (bead setting). H. D. Stevens. 2,393,504; Jan. 22.
Tire building form. W. B. Freeman and R. E. Lindemann. 2,413,445; Dec. 31.
Tire building machine. C. S. McChesney. 2,394,464; Feb. 5.
Tire building machine. F. S. Sternad. 2,395,020; Feb. 19.
Tire chain. G. E. Roff. 2,396,532; Mar. 12.
Tire chain applying device. T. C. Reese. 2,395,013; Feb. 19.
Tire construction. W. S. Coben. 2,404,579; July 23.
Tire construction. F. W. Manning. 2,411,659; Nov. 26.
Tire, Cushion. F. L. Haushalter. 2,393,161; Jan. 15.
Tire cutting machine. E. G. Mascarenhas. 2,394,392; Feb. 5.
Tire for airplane wheels. R. J. Smith. 2,403,309; July 2.
Tire handling stand. O. V. Teegarden. 2,413,010; Dec. 24.
Tire inflating and testing device. J. Forbragd. 2,408,976; Oct. 8.
Tire, Nonskid. P. R. McCrary. 2,400,428; May 14.
Tire ply turn down mechanism. C. S. McChesney. 2,396,186; Mar. 5.
Tire ply turning mechanism. C. S. McChesney. 2,394,318; Feb. 5.
Tire prerotating device. B. L. Crosby. 2,412,033; Dec. 3.
Tire preserver. W. C. Carlton. 2,407,473; Sept. 10.
Tire, Producing a renewable tread. A. E. Brickman. 2,401,045; May 28.
Tire rack. F. L. Sargent and W. J. Crader. 2,404,534; July 23.
Tire removing and spreading device. C. A. Talley and W. E. Grisham. 2,401,118; May 28.
Tire removing apparatus. G. F. Cooley. 2,406,996; Sept. 3.
Tire removing tool. W. H. McCollister. 2,404,583; July 23.
Tire shield. J. A. Jordan, Jr. 2,397,741; Apr. 2.
Tire spreader. A. E. Jennings. 2,397,863; Apr. 2.

Tire, Steel spring spoke. J. V. Martin. 2,404,974; July 30.
Tire stock, Production of raw. W. G. M. Peare and G. H. B. Yoxon. 2,411,693; Nov. 26.
Tire tool. S. F. Corbell. 2,402,022; June 11.
Tire tool. J. E. Schumann. 2,399,146; Apr. 23.
Tire tread cover. M. Castricum. 2,392,577; Jan. 8.
Tires, Building pneumatic. J. I. Haase. 2,407,152; Sept. 3.
Tires with liquid, Filling. W. W. McMahan. 2,401,950; June 11.
Tissue, Preparing. E. C. Weiskopf. 2,393,580; Jan. 22.
Titanium compounds, Production of. R. L. McCleary. 2,410,119; Oct. 29.
Titanium dioxide, Developing pigment properties of. D. B. Paul. 2,397,430; Mar. 26.
Titanium dioxide pigment, Preparation of. A. Pechukas and G. Atkinson. 2,394,633; Feb. 12.
Titanium oxide pigment production. J. L. Keats. 2,406,465; Aug. 27.
Titanium solutions, Production of stable. R. M. McAdam. 2,413,640–1; Dec. 31.
Titanium tetrachloride, Production of. P. S. Braillier. 2,401,543; June 4.
Titanium tetrachloride, Purification of. S. S. Cole and W. F. Meister. 2,396,458; Mar. 12.
Titanium tetrachloride, Purification of. B. C. Meyers. 2,412,349; Dec. 10.
Toaster. O. V. Malmquist. 2,410,985; Nov. 12.
Toaster. V. Mazzarisi. 2,408,263; Sept. 24.
Toaster, Automatic. P. J. McCullough and C. H. Steuber. 2,404,976; July 30.
Toaster structure, Bread. P. J. McCullough. 2,404,915; July 30.
Toasting apparatus, Automatic bread. R. J. Anderson. Re. 22,781; Aug. 20.
Tobacco, Formula for treating. E. H. Constantine. 2,399,911; May 7.
Tobacco pipe. K. Vonnegut. 2,395,596; Feb. 26.
Tocopherol-like compounds, Producing. L. I. Smith. 2,397,212; Mar. 26.
Toggle fastening means for, floating closures. H. Wolcott. Re. 22,798; Oct. 1.
Toggle lock. A. W. Gelpcke. 2,398,220; Apr. 9.
Toggle system for injection molding machines. T. H. Eyles. 2,407,978; Sept. 24.
Toilet. D. B. Hunter. 2,396,177; Mar. 5.
Toilet implements. C. U. Maenpa. 2,410,352; Oct. 29.
Toilet or the like, Cabinet. J. H. Dyett. 2,406,750; Sept. 3.
Toilet roll dispenser. E. Agamaite, Jr. 2,410,328; Oct. 29.
Toilet seat. W. Nyberg. 2,392,544; Jan. 8.
Toilet, Ventilating and deodorizing. F. L. Owens. 2,406,507; Aug. 27.
Toilets, Infant's folding seat attachment for. A. B. Muller. 2,402,832; June 25.
Token. W. E. Snell, H. E. Frantz, Jr., and F. A. Hignutt. 2,410,845; Nov. 12.
Toluene, Azeotropic distillation. H. C. Reed and B. M. Holt. 2,413,245; Dec. 24.
Toluene from oils, Recovery of. C. R. Clark. 2,407,364; Sept. 10.
Toluene, Manufacture of. G. B. Arnold. 2,399,781; May 7.
Toluene, Manufacturing. D. G. Brandt. 2,398,074; Apr. 9.
Toluene process. J. C. Baille and R. V. Shankland. 2,408,724; Oct. 8.
Toluene, Producing. N. F. Linn. 2,405,660; Aug. 13.
Toluene, Production of. V. N. Ipatieff and G. S. Monroe. 2,404,498; July 23.
Toluene, Purification of. W. L. Rippeteau, Jr. 2,412,010; Dec. 3.
Toluene, Recovery of. C. R. Clark. 2,397,839; Apr. 2.
Toluene, Separating. T. B. Kimball. 2,410,166; Oct. 29.
Toluol, Production of. G. E. Liedholm and F. M. McMillan. 2,392,330; Jan. 8.
Toluol, Production of. F. M. McMillan and G. E. Liedholm. 2,392,398; Jan. 8.
Tomato juice, Treating. H. L. Smith, Jr., W. E. Conley, Jr., and W. L. Atwood. 2,392,197; Jan. 1.
Tomato product, Producing dried. E. F. Glabe. 2,392,241; Jan. 1.
Tone control. E. R. Passow. 2,393,184; Jan. 15.
Tong, Pipe. C. A. Lundeen. 2,392,931; Jan. 15.
Tong, Pipe. W. W. Wilson. 2,406,520; Aug. 27.
Tongs, Adjustable. J. A. Hunter and H. E. Muller, Sr. 2,394,779; Feb. 12.
Tongs, Clothes. P. M. Peterson. 2,397,288; Mar. 26.
Tongs, Hand electric welding. J. S. McLean. 2,396,870; Mar. 19.
Tongs, Lifting. J. Bergren. 2,402,529; June 25.
Tongs, Safety. J. R. Duarte. 2,411,319; Nov. 19.
Tongue cleaning device. I. B. Gallanty and R. M. Larsen. 2,405,029; July 30.
Tongue for trailers, Draft. H. G. Hiniker. 2,397,964; Apr. 9.
Tongue, Wagon, trailer and implement. K. G. Myers. 2,404,521; July 23.
Tonsorial device. N. Holschaw. 2,409,281; Oct. 15.
Tool: *See*—
  Abrading and polishing tool.
  Abrasive tool.
  Alignment tool.
  Automatic pattern controlled machine tool.
  Battery removing tool.
  Bearing removing tool.
  Brake shoe tool.
  Broaching tool.
  Burning tool.
  Cabinet finishing tool.
  Cable stripping tool.
  Chain link tool.
  Clamp operating tool.
  Clip forming and assembly tool.
  Clip squeezing tool.
  Combination hand tool.
  Combination tool.
  Countersink bevel recessing tool.
  Cover removing tool.
  Cross-lever tool.
  Cultivating tool.
  Cutoff tool.
  Cutting tool.
  Cylinder grinding tool.
  Dental tool.
  Diamond tool.
  Diffraction grating tool.
  Dimpling tool.
  Driving tool.
  Electric soldering, brazing, and like tool.
  Firearm bolt tool.
  Fire tool.
  Fluid actuated tool.
  Form tool.
  Grinding and polishing tool.
  Grommet crimping tool.
  Grooving tool.
  Hand tool.
  Hole tool.
  Honing tool.
  Hose mending tool.
  Hydraulically controlled machine tool.
  Insert securing tool.
  Inserted tooth tool.
  Inspection tool.
  Keyseating tool.
  Light tool.
  Livestock marking tool.
  Machine tool.
  Measuring tool.
  Metal-cutting tool.
  Metal working tool.
  Milling tool.
  Mortise gauge and cutting tool.
  Nipple inserting tool.
  Oil well tool.
  Paperhanger's tool.
  Percussion tool.
  Percussive tool.
  Pneumatic tool.
  Portable electric tool.
  Portable-motor driven tool.
  Pressure fluid driven tool.
  Pump unit for impact tool.
  Reciprocating tool.
  Rivet setting tool.
  Riveting tool.
  Rotary cutting tool.
  Rotary disk abrading tool.
  Sandblast tool.
  Seat dressing tool.
  Setting and releasing tool.
  Severing tool.
  Side wall sampling tool.
  Slag cleaning tool.
  Special tool.
  Spinning tool.
  Spot facing tool.
  Tire removing tool.
  Tire tool.
  Torque indicating tool.
  Torque measuring tool.
  Tube bending tool.
  Tubing expanding tool.
  Undercutting tool.
  Unitary boring and countersinking tool.
  Valve seat grinding tool.
  Watch case tool.
  Welding tool.
  Watchmaker's tool.
  Well deflecting tool.
  Well tool.
  Wire twisting tool.
  Work illuminating tool.
Tool. H. Browning. 2,395,450; Feb. 26.
Tool. J. P. Catlin, G. R. Eckstein, and M. B. Vordahl. 2,394,842; Feb. 12.
Tool. E. E. Clark. 2,400,684; May 21.
Tool. H. E. Dickerman. 2,404,793; July 30.
Tool. H. J. Engbecht. 2,406,326; Aug. 27.
Tool. G. W. Hughes and V. Borgeson. 2,393,777; Jan. 29.
Tool. D. Lubetsky. 2,403,666; July 9.
Tool. R. W. Luce. 2,399,442; Apr. 30.
Tool. R. Martines. 2,410,889; Nov. 12.
Tool. W. S. Miles and P. A. Voigt. 2,402,426; June 18.
Tool. A. Rober. 2,393,413; Jan. 22.
Tool. R. C. Swengel. 2,411,838; Nov. 26.
Tool. W. Tomsick. 2,400,177; May 14.
Tool. Z. C. Van Schwartz. 2,404,580; July 23.
Tool adapter, Rotary. R. Burk. 2,407,471; Sept. 10.
Tool and making the same, Wheel dressing. W. Ludel. 2,404,184; July 16.
Tool and producing same, Industrial diamond. B. Brenner. 2,411,867; Dec. 3.
Tool and tool-serving means for working on seams between planks. P. J. McCarthy. 2,394,088; Feb. 5.
Tool attachment. W. E. Berger. 2,392,571; Jan. 8.
Tool blades, Making. R. Harte. 2,399,801–2; May 7.
Tool chuck. A. Thomas. 2,404,006; July 16.
Tool control, Pivotal. H. S. Jakobsen. 2,400,825; May 21.
Tool dressing fixture. E. A. Brown. 2,411,709; Nov. 26.
Tool drive. E. C. Scott. 2,395,586; Feb. 26.
Tool for cutting asbestos-cement board or the like. J. W. Swenson. 2,395,978; Mar. 5.
Tool for installing conduit clips. E. M. Morehouse. 2,409,784; Oct. 22.
Tool for installing nut plates or the like. J. Davis. 2,405,779; Aug. 13.
Tool for installing tubular rivets. W. G. Mitchell. 2,403,675; July 9.
Tool for metal engraving, Hand. P. Vitoux. 2,392,560; Jan. 8.
Tool for metal turning and the like, Machine. H. J. Longley. 2,397,798; Apr. 2.
Tool for producing face clutches, Method and. E. Wildhaber. 2,410,913; Nov. 12.
Tool for removing wax from beehive frames. R. H. Volgenau and J. M. Hooe. 2,413,394; Dec. 31.
Tool for trenails and dowels, Recess. E. C. Swanson and C. O. R. Rudeen. 2,394,726; Feb. 12.
Tool for valve bodies, Reseating. G. R. Gilkey. 2,397,000; Mar. 19.

Tool for wire anchors, Forming. T. A. Hutsell. 2,397,739; Apr. 2.
Tool handle remover. W. D. Snowman. 2,402,923; June 25.
Toolholder. J. P. Cassia, Jr. 2,391,878; Jan. 1.
Tool holder. W. Mauch. 2,408,567; Oct. 1.
Toolholder. J. R. Newcomer, Jr., and C. E. Adreon. 2,395,751; Feb. 26.
Toolholder. J. H. Palmer. 2,400,368; May 14.
Toolholder. P. O. Welch. 2,399,966; May 7.
Tool holding means for automatic screw machines. J. R. Smith. 2,412,757; Dec. 17.
Tool holding means, Retractable. E. C. Freisen. 2,412,038; Dec. 3.
Tool kit, Pocket. J. A. Skaer. 2,413,082; Dec. 24.
Tool lifting and lowering device. A. J. Ducker. 2,413,299; Dec. 31.
Toolmaker's angle block. T. E. V. Hunt. 2,409,936; Oct. 22.
Tool, Making dental polish. G. A. Chott. 2,393,751; Jan. 29.
Tool mechanism, Impact. C. H. Richards. 2,408,228; Sept. 24.
Tool mounting. M. D. Dzama. 2,393,314–15; Jan. 22.
Tool structure, Machine. F. A. Fritzsch. 2,408,841; Oct. 1.
Tool with photoelectric positioning of the work table, Machine. M. Koulicovitch. 2,406,299; Aug. 20.
Tools and the like, Electroplating and treating cutting edge. A. E. Lundbye. 2,411,327; Nov. 19.
Tools, Controlling means for fluid operated machine. A. H. Orcutt. 2,412,284; Dec. 10.
Tools, Lock devices for well. R. C. Baker. 2,400,970; May 28.
Tools, Operation controlling pressure fluid actuated. E. H. Shaff. 2,402,212; June 18.
Tools, Toolhead for machine. P. S. Jackson. 2,398,791; Apr. 23.
Tools, Work holder for machine. J. J. Daniels. 2,398,924; Apr. 23.
Tooth and anchor therefor, Artificial. J. Breyer. 2,394,659; Feb. 12.
Tooth and mount therefor, Artificial. J. A. Saffir. 2,398,671; Apr. 16.
Tooth, Artificial. F. M. Butler. 2,397,407; Mar. 26.
Tooth, Artificial. J. A. Saffir. 2,391,925; Jan. 1.
Tooth, Artificial. J. A. Saffir. 2,402,259; June 18.
Tooth, Artificial. J. C. Tighe. 2,404,327; July 16.
Toothbrush. E. Aaron. 2,411,610; Nov. 26.
Toothbrush. D. R. Allen. 2,396,548; Mar. 12.
Toothbrush holder. G. A. Gibson, Jr. 2,413,306; Dec. 31.
Toothbrushes, Supporting rack for. H. F. Tucker. 2,400,445; May 14.
Tooth, Crown type. S. Myerson. 2,413,333; Dec. 31.
Tooth, Detachable bucket. J. W. Page. 2,393,706; Jan. 29.
Tooth, Excavating. H. C. Hettelsater. 2,403,078; July 2.
Top. S. L. Long. 2,408,262; Sept. 24.
Top. G. S. Nalle, Jr. 2,394,093; Feb. 5.
Top, Automatic. S. J. Weeks. 2,408,132; Sept. 24.
Top Trailer. D. E. Bramble. 2,406,737; Sept. 3.
Topper for beets and the like. D. G. Grew. 2,406,013; Aug. 20.
Torch. Le R. B. High and J. B. Harmon. 2,405,952; Aug. 20.
Torch. G. L. Walker. 2,396,765; Mar. 19.
Torch beveling apparatus. C. Mott and G. V. Wallace, Jr. 2,412,281; Dec. 10.
Torch, Cam-action arc-oxygen underwater cutting. G. W. Waterman. 2,396,307; Mar. 12.
Torch, Flame hardening. H. G. Hughey. 2,407,370; Sept. 10.
Torch for welding thermoplastic material. W. M. Phillips, Jr. 2,396,968; Mar. 19.
Torch, Gas. J. J. Crowe. 2,398,884; Apr. 23.
Torch, Gas. P. Wilson. 2,394,349; Feb. 5.
Torch, Gas-arc hand. G. Richardson and J. Horlick. 2,411,465; Nov. 19.
Torch tip. A. F. Jenkins. 2,392,386; Jan. 8.
Torch, Underwater cutting. F. N. Windsor. 2,396,546; Mar. 12.
Torpedo. N. M. Hopkins. 2,404,903; July 30.
Torpedo, Aerial. R. A. Bailey. 2,401,853; June 11.
Torpedo antenna, Control of. J. H. Hammond, Jr. 2,396,463; Mar. 12.
Torpedo control by multiple channel selector. E. S. Purington. 2,413,066; Dec. 24.
Torpedo control by timing selector. E. S. Purington. 2,413,067; Dec. 24.
Torpedo defense and the like. D. M. O'Dwyer. 2,395,422; Feb. 26.
Torpedo director. R. E. Crooke. 2,402,024–5; June 11.
Torpedo director. E. P. Ross. 2,402,088; June 11.
Torpedo exploding mechanism. C. T. Minkler. 2,397,678; Apr. 2.
Torpedo firing mechanism, Magnetically controlled. C. T. Minkler. 2,398,301; Apr. 23.
Torpedo protector for ships. R. W. McCarter. 2,398,753; Apr. 16.
Torpedoes, Guiding means for self-propelled. R. W. King. 2,409,632; Oct. 22.
Torque converter transmission, Automatic. C. D. Peterson and A. H. Delmel. 2,397,883; Apr. 2.
Torque drive, Torque-controlled liquid. B. F. Kenyon. 2,400,121; May 14.
Torque exerting means. L. F. Carter and F. West, Jr. 2,412,204; Dec. 10.
Torque gauge. G. E. McVey. 2,411,931; Dec. 3.
Torque indicating tool. N. C. Collins. 2,400,978; May 28.
Torque measuring apparatus. A. C. Ruge. 2,392,293; Jan. 1.
Torque measuring instrument. D. R. Platt and C. S. Jackoski. 2,392,260; Jan. 1.
Torque measuring tool. D. R. Platt and B. Unterschultz. 2,394,634; Feb. 12.
Torque meter. A. W. Gardiner and J. L. Goldthwaite. 2,397,925; Apr. 9.
Torquemeter. A. C. Ruge. 2,403,952; July 16.
Torque-responsive clutch. L. M. Osterstuck. 2,413,466; Dec. 31.
Torque transmitting mechanism. A. Y. Dodge. 2,404,623; July 23.
Torque wrench. P. M. Birk. 2,404,029; July 16.
Torque wrench. A. L. Cornwell. 2,409,545; Oct. 15.
Torque wrench. E. C. Hartley. 2,393,681; Jan. 29.
Torque wrench. F. W. Livermont. 2,400,205; May 14.
Torque wrench. D. S. Oliver and J. Kanuch. 2,408,335; Sept. 24.
Torque wrench. J. and G. M. Reilly. 2,407,450; Sept. 10.
Torque wrench. T. O. Reub. 2,398,330; Apr. 9.
Torslograph. L. F. Hope. 2,399,635; May 7.
Torsiograph. T. S. Wilson and R. Zdanowich. 2,412,548; Dec. 10.
Torsion rod spring suspension. W. M. Brown. 2,413,212; Dec. 24.
Torsion-rod springing of tandem-axle vehicle. J. G. Holmstrom and W. M. Brown. 2,395,183; Feb. 19.
Torsion valve spring. A. Chilton. 2,398,207; Apr. 9.
Torsional vibrations, Detecting and measuring. R. Stansfield. 2,396,540; Mar. 12.
Torsional vibratory electric motor. W. D. Swallow. 2,413,340; Dec. 31.
Totalizer. E. D. Burns. 2,393,748; Jan. 29.
Totalizing system, Electrical. C. A. de Giers. 2,411,712; Nov. 26.
Towel rack. C. Gaffney. 2,401,148; May 28.
Towel rack. T. W. Mullen. 2,408,889; Oct. 8.
Tower construction. H. Cohen. 2,404,276; July 16.
Tower for drying parachutes. A. B. Waterman. 2,406,724; Aug. 27.
Tower, Forced draft cooling. J. B. Baird. 2,403,841; July 9.
Tower, Mobile. I. J. Kuert. 2,406,335; Aug. 27.
Tower or column, Scrubbing. C. B. Smith and H. L. Bullock. 2,392,705; Jan. 8.
Tower or mast. H. Cohen. 2,401,229; May 28.
Tower or mast. H. Cohen. 2,406,668; Aug. 27.
Tower, Packed. E. D. Strickland. 2,394,023; Feb. 5.
Tower, Radio antenna. E. W. Riemenschneider and H. O. Rastetter. 2,401,799; June 11.
Tower, Transport. M. E. Phillips. 2,408,151; Sept. 24.
Tower unit, Bubble. J. A. O'Brien. 2,398,953; Apr. 23.
Towline plug. A. Vaszin. 2,402,104; June 11.
Towline, Shock absorbing aerial. R. C. du Pont. 2,407,634; Sept. 17.
Tow-wheel jack. C. F. Stalcup. 2,392,955; Jan. 15.
Toxic composition. T. W. Evans. 2,411,566; Nov. 26.
Toy. J. G. Bezark. 2,401,455; June 4.
Toy. A. Brand. 2,410,627; Nov. 5.
Toy. A. Brewer. 2,398,615; Apr. 16.
Toy. T. R. Bush. 2,399,983; May 7.
Toy. C. E. Carlsen. 2,393,289; Jan. 22.
Toy. C. C. Cohen. 2,411,614; Nov. 26.
Toy. A. E. and E. Conrad. 2,398,920; Apr. 23.
Toy. H. J. Criner. 2,409,839; Oct. 22.
Toy. V. D. Desmond. 2,399,333; Apr. 30.
Toy. V. Edmonds. 2,397,779; Apr. 2.
Toy. R. P. Ellis. 2,404,477; July 23.
Toy. C. E. Gardner. 2,402,390; June 18.
Toy. C. Genjack. 2,395,179; Feb. 19.
Toy. S. G. Greenwood. 2,401,866; June 11.
Toy. T. Heil. 2,408,141; Sept. 24.
Toy. J. Hojnowski. 2,395,549; Feb. 26.
Toy. K. W. Johnson. 2,399,636; May 7.
Toy. P. O. Kaisler. 2,395,277; Feb. 19.
Toy. W. M. Lester and L. Reisher. 2,397,552; Apr. 2.
Toy. J. Lowell and B. C. Berg. 2,400,013; May 7.
Toy. J. F. Martin, Jr. and E. Jastrzembski. 2,398,023; Apr. 9.
Toy. J. F. Martin, Jr. and H. O. Noder. 2,398,024; Apr. 9.
Toy. J. F. Martin, Jr., and L. J. Rudzinski. 2,398,025; Apr. 9.
Toy. D. Owen. 2,399,566; Apr. 30.
Toy. L. Z. Plebanek. 2,392,547; Jan. 8.
Toy. C. H. Rayburne. 2,402,081; June 11.
Toy. B. H. Shapiro, I. Thomas, and J. Hohl. 2,411,596; Nov. 26.
Toy. D. Sullivan. 2,412,759; Dec. 17.
Toy. S. M. Suyat. 2,400,175; May 14.
Toy, Acrobatic. F. C. Dise. 2,403,509; July 9.
Toy, Airplane. M. A. Brosselt. 2,409,471; Oct. 15.
Toy airplane. A. B. Mull. 2,407,720; Sept. 17.

Toy airplane. F. D. Myers. 2,397,364; Mar. 26.
Toy airplane. S. Orkin. 2,398,391; Apr. 16.
Toy airplanes, Landing gear for. H. E. Shaeffer. 2,403,129; July 2.
Toy, Animal. M. Herrmann. 2,396,654; Mar. 19.
Toy, Animal kicking. O. A. Dishmaker. 2,400,980; May 28.
Toy, Animated. A. L. Bresch. 2,401,456; June 4.
Toy apparatus. J. Maibaum. 2,396,382; Mar. 12.
Toy, Ball push. O. A. Dishmaker. 2,400,981; May 28.
Toy blower. W. Williams. 2,411,490; Nov. 19.
Toy bomber airplane. P. J. Martin. 2,405,313; Aug. 6.
Toy, Carillon. J. H. Lee. 2,397,794; Apr. 2.
Toy, Child's wheeled. R. L. Schultz. 144,874; May 28.
Toy clock. F. Porcelli. 2,406,251; Aug 20.
Toy, Construction. B. R. Glukes. 2,406,759; July 3.
Toy, Educational R. C. Lewis. 2,395,129; Feb. 19.
Toy element, Construction. E. W. Farmer. 2,410,409; Nov. 5.
Toy figure, Jointed. R. E. Paige. 2,400,208; May 14.
Toy fisherman. L. C. Kester. 2,406,466; Aug. 27.
Toy flying machine. H. E. Shaeffer. 2,408,275; Sept. 24.
Toy, Flying propeller. J. L. Friedman. 2,410,726; Nov. 5.
Toy glider. H. S. Blandford. 2,396,312; Mar. 12.
Toy gun. S. Binks. 2,405,341; Aug. 6.
Toy gun. A. C. Cimaglia. 2,408,913; Oct. 8.
Toy gun. J. A. Sigg. 2,399,140; Apr. 23.
Toy gun. A. S. Teagarden. 2,394,821; Feb. 12.
Toy gun. M. Winans. 2,413,090; Dec. 24.
Toy helicopter. R. S. Moore. 2,400,704; May 21.
Toy high diving apparatus, Mechanical. A. B. Carmichael, Sr. 2,402,940; July 2.
Toy holster for guns. H. Paley. 2,408,678; Oct. 1.
Toy house. A. A. Nu Dell. 2,413,152; Dec. 24.
Toy, Jet propelled. N. R. Richardson. 2,410,682; Nov. 5.
Toy, Knockdown. H. Greenberg and J. J. O'Connell. 2,410,874; Nov. 12.
Toy, Knockdown. L. Segal. 2,410,875; Nov. 12.
Toy, Mechanical. E. W. Filbrun. 2,409,028; Oct. 8.
Toy, Mechanical. J. W. Fishel. 2,406,283; Aug. 20.
Toy, Mechanical. W. Jaffa. 2,397,266; Mar. 26.
Toy, Musical. J. Clayman. 2,396,250; Mar. 12.
Toy, Noise-making airplane. H. Zimmerman. 2,404,265; July 16.
Toy, One piece third dimension cut out. H. M. and H. F. Chu. 2,412,321; Dec. 10.
Toy Pistol. M. Jarnagin. 2,401,485; June 4.
Toy pistol. W. G. Kelly. 2,395,001; Feb. 19.
Toy pistol. W. E. Lawson, Sr. 2,408,934; Oct. 8.
Toy, Puzzle bank. N. Kaplan. 2,398,011; Apr. 9.
Toy railway car, Turn-tilt, unloading. R. G. Smith. Re. 22,817; Dec. 10.
Toy, Recreational roller. T. Thompson. 2,403,885; July 9.
Toy rocket gun. L. H. Amdur. 2,409,653; Oct. 22.
Toy, Rocking. R. G. Schneider. 2,409,803; Oct. 22.
Toy, Rope-jumping. O. K. Ramey. 2,411,756; Nov. 26.
Toy, Shadow motion. H. C. Schultz. 2,400,605; May 21.
Toy ski jumper. K. Graetz. 2,404,572; July 23.
Toy, Smoke producing. J. L. Bonanno. 2,413,284; Dec. 31.
Toy, Sounding. L. L. Toalson. 2,397,061; Mar. 19.
Toy, Spinning. H. A. Loomis. 2,397,674; Apr. 2.
Toy, Striker. W. V. Goldstein and L. Shooman. 2,403,522; July 9.
Toy, Structural. E. M. Roach. 2,408,272; Sept. 24.
Toy submarine. F. Sabini. 2,405,715; Aug. 13.
Toy telephone. F. A. Zibelman. 2,399,972; May 7.
Toy, Tightrope walking. L. H. Burlin. 2,392,721; Jan. 8.
Toy top. R. P. Cordon. 2,404,947; July 30.
Toy track. W. J. Martin. 2,399,876; May 7.
Toy typewriter. J. L. Banks. 2,409,237; Oct. 15.
Toy typewriter. S. I. Berger. 2,398,765; Apr. 23.
Toy vehicle. E. W. Baggott. 2,399,614; May 7.
Toy vehicle. G. Lindgren. 2,404,506; July 23.
Toy, Water. V. H. Hurt. 2,404,729; July 23.
Toy, Wheeled. A. B. Carmichael. 2,399,910; May 7.
Toy, Wheeled. J. J. Dahlstrom. 2,398,290; Apr. 9.
Toy, Wheeled. A. Finn and L. Rostoker. 2,410,646; Nov. 5.
Toy, Wheeled. E. W. Lucas. 2,395,230; Feb. 19.
Toy, Wheeled. P. Mariani. 2,404,186; July 16.
Toy with menagerie, blocks, Constructional. A. C. Gilbert. 2,398,223; Apr. 9.
Tracer control. J. W. Wilkie and E. G. Franklin. 2,395,525; Feb. 26.
Tracer controlled position finder. C. R. Hanna and W. O. Osbon. 2,397,108; Mar. 26.
Trachea connection. O. Roberts. 2,405,851; Aug. 13.
Track for self-laying track type vehicle. C. W. Leguillon and A. H. Krotz. 2,409,502; Oct. 15.
Track for track-laying vehicles. T. J. Hollenkamp. 2,392,383; Jan. 8.
Track for track laying vehicles. R. M. Knight. 2,410,507; Nov. 5.
Track for vehicles, Endless. T. D. Campbell. 2,412,122; Dec. 3.
Track for vehicles, Endless. E. H. W. Foot. 2,398,630–1; Apr. 16.
Track laying apparatus, Method and apparatus for grounding. F. L. Haushalter. 2,396,848; Mar. 19.
Tracklaying vehicle. P. H. Johnson. 2,410,739; Nov. 5.
Track structure for model railways. G. Varney. 2,405,533; Aug. 6.
Tracking apparatus. M. Knobel. 2,407,886; Sept. 17.
Traction and load supporting wheel. F. L. White. 2,395,383; Feb. 19.
Traction appliance for wheels. G. G. Guinn. 2,394,995; Feb. 19.
Traction device. W. B. Lawrence. 2,397,277; Mar. 26.
Traction unit for tractor wheels, Demountable. W. E. Wine. 2,408,591; Oct. 1.
Tractor. C. A. Hedglen. 2,400,505; May 21.
Tractor. W. T. Saxon. 2,411,061; Nov. 12.
Tractor, Agricultural. H. Hutchings. 2,404,442; July 23.
Tractor, Agricultural. A. E. W. Johnson. 2,413,355; Dec. 31.
Tractor and earth working combination unit. M. S. Ariens. 2,402,008; June 11.
Tractor and tank track. H. F. Keck. 2,392,988; Jan. 15.
Tractor drawn freight hauling car. C. Nicodemus. 2,405,161; Aug. 6.
Tractor frame and drive shaft bearing structure therein. D. B. Baker and W. O. Bechman. 2,397,910; Apr. 9.
Tractor fuel and making same. R. V. Shankland. 2,395,976; Mar. 5.
Tractor, Garden. A. J. Raitch. 2,401,796; June 11.
Tractor generator mounting. H. L. Brock and G. L. Simpkins. 2,392,573; Jan. 8.
Tractor implement. E. V. Moran. 2,404,518; July 23.
Tractor-implement combination. R. B. Laird and L. H. Gonella. 2,411,277; Nov. 19.
Tractor jack. A. E. W. Johnson and J. R. Oreland. 2,410,945; Nov. 12.
Tractor loader. N. C. Woodin. 2,394,830; Feb. 12.
Tractor, Monorail. G. F. Goga. 2,394,168; Feb. 5.
Tractor-mounted implement. C. W. Mott. 2,409,509; Oct. 15.
Tractor mounted implement. S. D. Pool and R. D. Downing. 2,401,183; May 28.
Tractor or traction wheel, G. Melling, Sr. 2,401,577; June 4.
Tractor, Snow. A. M. Cochran. 2,393,309; Jan. 22.
Tractor track chain. W. W. Porter. 2,392,406; Jan. 8.
Tractor tread dismantler. P. W. Matthews. 2,392,251; Jan. 1.
Tractor, Two-wheeled handle guide. H. S. Lendermon. 2,408,937; Oct. 8.
Tractor, Walking. E. C. Wilson,, H. F. Stock, and G. B. Heffelfinger. 2,390,417; Apr. 30.
Tractors, Clutch structure for crawler. R. D. Acton. 2,403,322; July 2.
Tractors, Load handling attachment for. N. N. Sauder. 2,398,119; Apr. 9.
Tractors, Material handling attachment for. F. and H. Horning. 2,407,425; Sept. 10.
Tractors, Scoop or grading attachment for farm. J. K. Pickens. 2,401,661; June 4.
Traffic control system. J. Baumfalk. 2,395,798; Mar. 5.
Traffic light. F. T. Powers. 2,402,206; June 18.
Traffic light. F. T. Powers. 2,407,382; Sept. 10.
Traffic signal. W. J. Leppert. 2,401,171; May 28.
Traffic signal. B. P. Rucker. 2,396,971; Mar. 19.
Trail jack. T. O. Davidson. 2,412,971; Dec. 24.
Trailer. G. Godwin. 2,405,290; Aug. 6.
Trailer. R. E. Ostlund. 2,400,253; May 14.
Trailer and hitch, Bicycle. R. G. Viner. 2,394,277; Feb. 5.
Trailer and tractor safety lock. R. J. Brown. 2,400,738; May 21.
Trailer attachment, Boat. L. W. Davis. 2,410,570; Nov. 5.
Trailer brake. C. Buckel. 2,394,840; Feb. 12.
Trailer brake. J. T. Horne. 2,407,156; Sept. 3.
Trailer, Caster. J. J. Black. 2,404,121; July 16.
Trailer, Combination stock and gasoline. E. F. Crosby. 2,395,039; Feb. 19.
Trailer coupling. H. C. Riemann and J. R. Thorp. 2,392,063; Jan. 1.
Trailer, Dual axle. W. L. Keehn. 2,408,561; Oct. 1.
Trailer hitch. F. N. Roth. 2,394,207; Feb. 5.
Trailer structure. W. F. Aycock. 2,404,898; July 30.
Trailer, Vehicle. E. F. King. 2,408,401; Oct. 1.
Train recorder for railway dispatching systems, Electric. W. D. Hailes and J. F. Merkel. 2,394,172; Feb. 5.
Trainer, Airplane flight. T. C. Barber. 2,409,238; Oct. 15.
Trainer, Pilot. W. H. Hutter. 2,409,938; Oct. 22.
Training apparatus. L. G. Simjian. 2,392,781; Jan. 8.
Training apparatus. L. G. Simjian. 2,401,975; June 11.
Training device. R. E. Kittredge. 2,396,857; Mar. 19.
Training device. W. P. Mason. 2,405,591; Aug. 13.
Trains of electric impulses, Arrangement for receiving predetermined. G. C. Hartley, L. P. Lowry, and F. H. Bray. 2,406,834; Sept. 3.
Transceiver for sound, Directive. H. C. Hayes. 2,406,767; Sept. 3.
Transconductance device and circuit, Negative. M. G. Crosby. 2,396,088; Mar. 5.
Transcribing device. H. R. Montague. 2,410,835; Nov 12.
Transducer. D. R. Christian. 2,402,531; June 25.
Transducer. S. B. Collins. 2,395,166; Feb. 19.
Transducer. F. Massa. 2,413,462; Dec. 31.

Transducer, Piezoelectric. H. Benioff. 2,405,187; Aug. 6.
Transducer system. C. M. Sinnett. 2,411,008; Nov. 12.
Transducer system. H. J. Woll. 2,412,023; Dec. 3.
Transfer. T. S. Reese. 2,397,623; Apr. 2.
Transfer and assembly mechanism. G. Dorothea and G. C. Arnott. 2,398,293; Apr. 9.
Transfer apparatus, Fluid. W. T. Tabb. 2,405,466; Aug. 6.
Transfer, Article. A. G. Gaulin. 2,402,035; June 11.
Transfer construction for electroiytic cells, Heat. L. E. Lighton. 2,410,952; Nov. 12.
Transfer device. A. G. Telford. 2,409,400; Oct. 15.
Transfer device, Fluid. L. W. Vizay. 2,401,674; June 4.
Transfer material. W. and F. Heinecke. 2,409,564; Oct. 15.
Transfer means, Heat. W. H. Farr and J. P. Tarbox. 2,401,235; May 28.
Transfer mechanism. K. F. Lehmann. 2,393,997; Feb. 5.
Transfer mechanism. D. Ray. 2,395,146; Feb. 19.
Transfer mechanism, Cone jacket. M. Glassner. 2,413,446; Dec. 31.
Transfer switch. W. D. Kyle, Jr., and A. V. Ryan. 2,399,044; Apr. 23.
Transfer unit, Load. J. Jacobson. 2,401,763; June 11.
Transferring device, Loop. H. C. Mills. 2,411,452; Nov. 19.
Transformer. C. P. Boucher. 2,391,873; Jan. 1.
Transformer apparatus. C. P. Boucher. 2,391,874; Jan. 1.
Transformer apparatus. C. P. Boucher. 2,410,624; Nov. 5.
Transformer arrangement, Protective. H. S. Gates and H. D. James. 2,397,099; Mar. 26.
Transformer, Controlled peaking. H. Klemperer. 2,395,881; Mar. 5.
Transformer core. C. C. Horstman, and J. H. Bramble. 2,400,994; May 28.
Transformer, Electrical. A. Meyerhans. 2,409,882; Oct. 22.
Transformer, Fluid flow energy. F. Whittle. 2,405,919; Aug. 13.
Transformer, High frequency. J. Collard. 2,395,165; Feb. 19.
Transformer, High-voltage. A. G. Ganz. 2,412,609; Dec. 17.
Transformer, High-voltage. H. Hartmann. 2,407,420; Sept. 10.
Transformer, Impedance. A. G. Fox. 2,411,534; Nov. 26.
Transformer, Impedance. L. M. Leeds. 2,396,708; Mar. 19.
Transformer, Impedance matching. L. M. Leeds. 2,405,437; Aug. 6.
Transformer means, High potential current. A. C. Schwager. 2,413,195; Dec. 24.
Transformer, Multiphase A. C. P. A. H. Mossay, B. Schwarz, and E. Barraclough. 2,406,704; Aug. 27.
Transformer pick-off. O. E. Esval. 2,407,657; Sept. 17.
Transformer, Pulse. R. Lee. 2,412,893; Dec. 17.
Transformer, Radio-frequency. J. E. Tillman. 2,413,201; Dec. 24.
Transformer, Three-phase, W. R. Mayberry. 2,401,952; June 11.
Transformer, Three-phase. R. D. Nelson. 2,398,109; Apr. 9.
Transformer, Three phase. R. D. Nelson. 2,411,104; Nov. 12.
Transformer, Tuned ultra high frequency. E. W. Herold. 2,410,656; Nov. 5.
Transformer, Variable impedance. D. C. Espley. 2,408,745; Oct. 8.
Transformer, Voltage. N. E. Lindenblad. 2,412,345; Dec. 10.
Transformer, Welding. H. E. Kennedy. 2,411,921; Dec. 3.
Transformer with variable secondary reactance. E. Fries. 2,411,370; Nov. 19.
Transformers, Making three-phase. A. R. Woolfolk. 2,394,648; Feb. 12.
Transformers, Making three-phase. A. R. Woolfolk. 2,407,391; Sept. 10.
Transit level. A. Mariotti. 2,407,960; Sept. 17.
Translating apparatus, Air. K. C. Whitefield. 2,407,858; Sept. 17.
Translating device, Sound. R. Black, Jr. 2,401,328; June 4.
Translating signals, Method of and system for. J. G. Beard and R. W. Harralson. 2,404,026; July 16.
Translation device, Compressional wave. T. J. Pope. 2,405,604; Aug. 13.
Translation device, Signal. W. D. Goodale, Jr., and F. F. Romanow. 2,405,605; Aug. 13.
Translator, Code. C. W. Burcky. 2,396,638; Mar. 19.
Translator, Signal. D. D. Grieg. 2,408,062; Sept. 24.
Transmission. J. S. Alspaugh. 2,406,184; Aug. 20.
Transmission. K. Armantrout. 2,397,587; Apr. 2.
Transmission. O. H. Banker. 2,399,657; May 7.
Transmission. O. K. Butzbach. 2,405,135; Aug. 6.
Transmission. H. E. Carnagua. 2,399,097; Apr. 23.
Transmission. H. E. Carnagua and C. L. Swift. 2,399,098; Apr. 23.
Transmission. R. Chilton. 2,398,208; Apr. 9.
Transmission. R. Chilton. 2,400,536–40; May 21.
Transmission. D. S. Dence. 2,412,208; Dec. 10.
Transmission. A. Y. Dodge. 2,402,382; June 18.
Transmission. M. W. Green. 2,412,331; Dec. 10.
Transmission. A. F. Hickman. 2,397,140; Mar. 26.
Transmission. A. C. Johnson. 2,402,229; June 18.
Transmission. D. W. Kelbel. 2,406,225; Aug. 20.
Transmission. A. E. Klipela. 2,405,378; July 2.
Transmission. R. Lapsley. 2,406,083; Aug. 20.
Transmission. W. E. Moffitt. 2,398,839; Apr. 23.
Transmission. P. Orr. 2,397,620; Apr. 2.
Transmission. P. Orr. 2,408,336; Sept. 24.
Transmission. A. O. Roberts and J. J. Wharam. 2,404,657; July 23.
Transmission. E. E. Wemp. Re. 22,761; May 28.
Transmission and clutch means, Fluid. J. L. Landrum. 2,406,548; Aug. 27.
Transmission and control mechanism, Machine tool. J. B. Armitage and O. W. Barker. 2,407,913; Sept. 17.
Transmission and control therefor. W. L. Pollard. 2,408,951; Oct. 8.
Transmission and fluid pressure clutch mechanism therefor. W. T. Livermore. 2,399,554; Apr. 30.
Transmission and support, Washing machine. M. W. Bowen and E. R. Burtnett. 2,399,319; Apr. 30.
Transmission apparatus, Hydraulic. J. S. Becker. 2,411,772; Nov. 26.
Transmission, Articulated. E. Dawson. 2,410,811; Nov. 12.
Transmission Assembly. J. E. Spangler and U. A. Cornett. 2,398,164; Apr. 9.
Transmission, Automatic. H. E. Carnagua. 2,395,459; Feb. 26.
Transmission, Automatic. C. F. Voytech. 2,397,634; Apr. 2.
Transmission, Automatic turboplanetary. T. P. Cunningham. 2,409,196; Oct. 15.
Transmission characteristic correction. T. Slonczewski. 2,411,903; Dec. 3.
Transmission clutch. D. O. Hagedorn and E. Blanco. 2,392,919; Jan. 15.
Transmission control for marine engines. J. F. Morse. 2,398,243; Apr. 9.
Transmission control in two-way signaling systems. A. C. Norwine. 2,392,496; Jan. 8.
Transmission control mechanism. C. R. Roche. 2,394,331; Feb. 5.
Transmission control, Variable-speed. H. E. Carnagua. 2,409,541; Oct. 15.
Transmission coupling circuit. R. W. Masters. 2,405,314; Aug. 6.
Transmission device. G. K. Tolnai. 2,400,668; May 21.
Transmission device, Power. V. P. Harvey and J. A. Muson. 2,395,813; Mar. 5.
Transmission device, Power. E. C. Lloyd. 2,408,080; Sept. 24.
Transmission device, Power. F. E. Novy. 2,398,849; Apr. 23.
Transmission, Fluid. J. Jandasek. 2,406,499; Aug. 27.
Transmission, Fluid. J. Jandasek. 2,407,496–7; Sept. 10.
Transmission, Fluid. T. L. Morris. 2,405,600; Aug. 13.
Transmission for machine tools, Hydraulic. C. R. Alden. 2,400,729; May 21.
Transmission, Hydraulic. A. Jensen. 2,398,313; Apr. 9.
Transmission, Hydraulic T. L. Morris. 2,408,574; Oct. 1.
Transmission, Hydraulic. D. W. C. Stowe. 2,398,124; Apr. 9.
Transmission, Hydraulic. G. A. Wahlmark. 2,395,980; Mar. 5.
Transmission, Hydrodynamic. W. D. Tipton. 2,408,008; Sept. 24.
Transmission line. R. H. Varian, W. W. Hansen, and J. R. Woodyard. 2,412,640; Dec. 17.
Transmission line, Adjustable. N. V. Fedotoff. 2,407,147; Sept. 3.
Transmission line, Adjustable. S. B. Pickles. 2,404,399; July 23.
Transmission line, Concentric conductor. J. C. Baln. 2,410,802; Nov. 12.
Transmission line, High voltage, high power concentric. A. P. Bock. 2,408,408; Oct. 1.
Transmission line joint. D. H. Fraser. 2,395,861; Mar. 5.
Transmission line, Open wire. T. M. Gluyas, Jr. 2,392,473; Jan. 8.
Transmission lines, Attennator for coaxial. G. L. Fernsler. 2,401,296; June 4.
Transmission lines, Rotating joint for parallel wire. N. I. Korman. 2,401,572; June 4.
Transmission, Liquid medium for ultrasonic compressional wave. W. P. Mason. 2,407,315; Sept. 10.
Transmission lock. R. S. Taylor. 2,399,405; Apr. 30.
Transmission means for electrical telemetric systems, Plural. C. A. de Giers. 2,405,689; Aug. 13.
Transmission mechanism. C. D. Peterson and A. H. Deimel. 2,399,568; Apr. 30.
Transmission mechanism (balking-ring clutch assembly). C. D. Peterson and A. H. Deimel. 2,394,099; Feb. 5.
Transmission mechanism, Fluid. D. F. McGill. 2,409,374; Oct. 15.
Transmission mechanism for aircraft engines, Power. P. E. Mercier. 2,401,496; June 4.
Transmission of sound and other waves, System for the electric. W. A. Beatty and L. W. Houghton. 2,406,790; Sept. 3.

Transmission operating mechanism. E. R. Price. 2,402,343; June 18.
Transmission, Overdrive. W. B. Barnes. 2,403,781; July 9.
Transmission, Power. R. C. Griffith. 2,395,811; Mar. 5.
Transmission, Propeller. C. B. Vickers. 2,396,352; Mar. 12.
Transmission, Speed indicator. S. Hamilton. 2,407,077; Sept. 3.
Transmission system. R. H. Herrick. 2,396,175; Mar. 5.
Transmission system. F. G. Patterson. 2,412,161; Dec. 3.
Transmission system, Data. S. F. Kinkead, L. E. Melhuish, F. J. Singer, and E. M. Smith. 2,406,384; Aug. 27.
Transmission system, Date. R. D. Parker, W. T. Rea, and F. J. Singer. 2,405,603; Aug. 13.
Transmission system, Date. F. J. Singer. 2,405,617; Aug. 13.
Transmission system, Electromagnetic wave. H. G. Busignies. 2,411,518; Nov. 26.
Transmission system for machine tools, Fluid. J. Haller. 2,397,106; Mar. 26.
Transmission system, High-frequency electric. D. C. Espley. 2,401,344; June 4.
Transmission system, Intelligence. L. A. de Rosa. 2,406,813; Sept. 3.
Transmission system, Intelligence. L. A. de Rosa. 2,408,049; Sept. 24.
Transmission system, Intelligence. N. H. Young, Jr. 2,406,880; Sept. 3.
Transmission system, Multiplex. R. A. Weagant. 2,413,396; Dec. 31.
Transmission system, Permutation code data. E. M. Smith. 2,405,618; Aug. 13.
Transmission system, Pulse. N. E. Lindenblad. 2,403,726; July 9.
Transmission system, Pulse. N. E. Lindenblad. 2,411,140; Nov. 12.
Transmission system, Secret. M. M. Levy. 2,406,841; Sept. 3.
Transmission system, Synchronous motion. C. M. Summers. 2,402,928; June 25.
Transmission, Two-speed power. W. P. Robinson. 2,398,720; Apr. 16.
Transmission unit, Right angle. J. Y. Dahlstrand. 2,392,313; Jan. 8.
Transmission, Variable speed. A. G. Bade. 2,403,627; July 9.
Transmission, Variable speed. D. P. Fullerton, Jr. 2,397,480; Apr. 2.
Transmission, Variable-speed. J. O. Hamren. 2,404,229; July 16.
Transmission, Variable-speed. L. E. Harper. 2,404,231; July 16.
Transmission, Variable speed. L. F. Shaw. 2,399,452; Apr. 30.
Transmission, Variable speed gear. T. M. Berry and A. H. Canada. 2,398,997; Apr. 23.
Transmitter-amplifier system, Condenser. R. R. Galbreath. 2,396,691; Mar. 19.
Transmitter and receiver, Sound. H. Benioff. 2,405,185; Aug. 6.
Transmitter and receiver, Telephone. J. S. P. Roberton and M. L. Gayford. 2,400,662; May 21.
Transmitter, Automatic telegraph. J. G. de Almeida. 2,407,818; Sept. 17.
Transmitter, Call. R. Crocker. 2,392,726; Jan. 8.
Transmitter, Call. L. A. Meacham. 2,410,833; Nov. 12.
Transmitter, Data. N. L. Haight. 2,409,559–60; Oct. 15.
Transmitter, Frequency modulation. H. F. Mayer. 2,394,393; Feb. 5.
Transmitter, Key operated telephone call. R. F. Mallina. 2,394,926; Feb. 12.
Transmitter, Pulse. E. Labin. 2,408,076; Sept. 24.
Transmitter synchronizer, Photoelectric. L. M. Potts. 3,397,202; Mar. 26.
Transmitter, Telephone call. R. F. Mallina. 2,394,927; Feb. 12.
Transmitter, Telephone call. R. F. Mallina. 2,412,624–5; Dec. 17.
Transmitter, Television. R. D. Kell. 2,402,053; June 11.
Transmitter, 360° resistance type. A. W. Borsum. 2,396,244; Mar. 12.
Transmitter, Variable speed. D. L. Mount. 2,412,351; Dec. 10.
Transmitters, Cut-out device for telephone. G. E. Brittingham. 2,403,498; July 9.
Transmitting and reproducing system, method, and apparatus, Facsimile. A. E. Gerhard and E. G. Fraim. 2,403,358; July 2.
Transmitting apparatus and operation, Television. A. Rose. 2,407,905; Sept. 17.
Transmitting apparatus for remote control systems. L. V. Lewis. 2,409,697; Oct. 22.
Transmitting apparatus for remote control systems. A. J. Sorensen. 2,395,693; Feb. 26.
Transmitting apparatus, Low velocity television. A. Rose. 2,407,906; Sept. 17.
Transmitting apparatus, Television. H. B. Law. 2,401,786; June 11.
Transmitting device, Telephone call. F. A. Hubbard. 2,400,148; May 14.
Transmitting intelligence. J. A. Herbst. 2,406,835; Sept. 3.
Transmitting intelligence, Method and means for. N. H. Young, Jr. 2,407,336; Sept. 10.
Transmitting mechanism, Force and motion. G. Griswold and C. H. Cannon, Jr. 2,406,073; Aug. 20.
Transmitting mechanism, Power. N. R. Brownyer. 2,398,407; Apr. 16.
Transmitting mechanism, Power. L. R. Buckendale and B. W. Keese. 2,399,201; Apr. 30.
Transmitting system, Television. O. H. Schade. 2,404,098; July 16.
Transmitting system, Wave. M. D. Fiske and J. M. Lafferty. 2,407,068; Sept. 3.
Transparencies in mounts, Masking color. D. Dean. 2,409,976; Oct. 22.
Transparent prints, Medium for use in preparing. L. S. Sanders. 2,392,414; Jan. 8.
Transparent stencil sheet material. A. J. Wartha. 2,393,668; Jan. 29.
Transplanting apparatus, Tree. L. L. Culley. 2,410,203; Oct. 29.
Transposition bracket. H. H. Wheeler. 2,394,575; Feb. 12.
Trap: *See*—
Animal trap. Rat trap.
Hog trap. Rodent trap.
Lint trap.
Trap. C. E. George, Sr. 2,399,111; Apr. 23.
Trap. B. F. Krelwitz. 2,412,518; Dec. 10.
Trap and method, Fishing. S. H. Allen. 2,399,193; Apr. 30.
Trap chamber with barometric cutoff, Measuring. T. L. Titus. 2,408,156; Sept. 24.
Trap for chips. C. W. Frederick. 2,408,923; Oct. 8.
Trap for disabled brake gears, Safety. C. C. Rich. 2,393,121; Jan. 15.
Trap for fuel dispensing devices, Electrically heated water. C. C. Oberly and P. E. Waugh. 2,411,749; Nov. 26.
Trap for range hoods, Grease. F. E. Baumgartner. 2,393,957; Feb. 5.
Trap for refrigerator car drainpipes, Automatic. E. R. Battley and G. E. McCoy. 2,412,118; Dec. 3.
Tray, Freezing. R. M. Cummins. 2,411,193; Nov. 19.
Trap operating device for refrigerator cars. H. D. Doerman. 2,395,320; Feb. 19.
Travel limiting device. T. G. A. Sillers. 2,397,699; Apr. 2.
Travel lock. Q. Berg. 2,411,863; Dec. 3.
Traversing mechanism. G. Beach. 2,391,870; Jan. 1.
Tray, Ash. A. W. Becker. 2,396,075; Mar. 5.
Tray, Battery. W. and G. Holman. 2,402,141; June 18.
Tray, Collapsible wheeled. I. Rubin and J. B. Meltz. 2,407,385; Sept. 10.
Tray, Communion wafer. M. C. Johnsboy. 2,397,740; Apr. 2.
Tray, Dental. H. Barishman. 2,404,684; July 23.
Tray file, Rotary. E. N. Yzetta. 2,411,950; Dec. 3.
Tray for duplicating apparatus, Feed. A. E. Little. 2,398,315; Apr. 9.
Tray for egg treating machines, Holding. W. G. Howard. 2,407,079; Sept. 3.
Tray, Ice. C. R. Carney. 2,403,846; July 9.
Tray, Ice. L. L. Mallard. 2,404,973; July 30.
Tray, Ice. R. C. Yantis. 2,401,894; June 11.
Tray, Slice receiving. G. R. Wood. 2,400,279; May 14.
Tray, Soap. R. D. L. Albright. 2,399,533; Apr. 30.
Tray stacker. J. S. Hardy. 2,407,782; Sept. 17.
Tray, Swivel tier desk. M. Gluckman. 2,398,091; Apr. 9.
Treating and composition for cover cloth. J. G. Mackechnie, Jr. 2,405,703; Aug. 13.
Treating apparatus, Article. C. E. Hansen. 2,401,930; June 11.
Treating apparatus, Material. R. Pash. 2,409,953; Oct. 22.
Treating device, Blood. J. P. Desmet. 2,406,207; Aug. 20.
Treating human body ailments by heat therapy, Mattress for. W. F. Clark. Re. 22,763; June 11.
Treating machine. Q. C. Barber. 2,408,248; Sept. 24.
Treating materials, Method and apparatus of. D. S. Baker. 2,412,763; Dec. 17.
Treating solutions of sodium carbonate and sodium sulphate to increase the ratio of sodium carbonate to sodium sulphate. H. B. Suhr and E. B. Fitch. 2,392,888; Jan. 15.
Treating surfaces, Means and method of. J. M. Boudreau. 2,410,626; Nov. 5.
Treating waters, including boiler waters, and composition therefor. W. L. Denman. 2,406,543; May 21.
Treating yarn or cord, Method of and apparatus for. A. W. Hansen and A. N. Benson. 2,398,787; Apr. 23.
Treatment of hydroxyl-containing interpolymers of ethylene. D. C. Pease. 2,403,465; July 9.
Treatment of plastic, Heat. H. A. Strickland, Jr. 2,406,714; Aug. 27.
Treatment of water to remove silica. W. S. Wilson and H. N. Dole. 2,396,220; Mar. 5.
Tree protector. John O. Savage. 2,405,452; Aug. 6.
Tree, Shoe. C. E. Garneau. 2,401,064; May 28.
Tree, Shoe. A. F. Levaggi. 2,409,573; Oct. 15.
Tree, Shoe. R. C. Magee. 2,399,128; Apr. 23.
Trestle. H. W. Goosmann. 2,412,395; Dec. 10.

Trialkyl phosphate esters, Producing. W. H. Woodstock and P. E. Pelletier, Jr. 2,410,118; Oct. 29.
Triangle and the like, Drafting. J. Nash. 2,401,265; May 28.
Triangle-octant. G. W. McCoshen. 2,412,901; Dec. 17.
Triazine azo compounds, Metallizable. O. Kaiser. 2,396,459; Mar. 19.
Triazine derivatives. G. F. D'Alelio. 2,394,042; Feb. 5.
Triazine derivatives. G. F. D'Alelio and J. W. Underwood. 2,392,849; Jan. 8.
Triazo diphenyl dyestuffs. A. Siebert. 2,394,114; Feb. 5.
Triazole (d) pyrimidines and preparing the same. J. P. English, J. R. Vaughan, Jr., and R. O. Roblin, Jr. 2,407,204; Sept. 3.
Trichloroethylene copolymers. H. W. Arnold. 2,408,402; Oct. 1.
Triethylene glycol diheptoate. L. Nicholl and W. P. Bitler. 2,412,469; Dec. 10.
Trigatron tube. C. E. Dawley. 2,413,175; Dec. 24.
Trigger mechanism. J. G. Seitz. 2,396,291; Mar. 12.
Trigger stop for firearms. E. G. Reising. 2,413,520; Dec. 31.
Triggers, Making. V. G. Yawman. 2,404,118; July 16.
Trim, Wheel. G. A. Lyon. 2,411,163; Nov. 19.
Trim, Wheel. E. L. Wood. 2,394,958; Feb. 12.
Trimethylene chlorbromide. C. B. Gardenier. 2,412,882; Dec. 17.
Trimmer, Cartridge case. G. T. Smiley. 2,406,170; Aug. 20.
Trimmer, Rotary lawn. M. Klose. 2,404,504; July 23.
Trimming machine. H. Hacklander. 2,406,602; Aug. 27.
Trimming machine. W. S. Reynolds. 2,406,562; Aug. 27.
Trimming mechanism. C. Jobst. 2,404,500; July 23.
Trinitrotoluene manufacture. C. F. Papazoni. 2,402,180; June 18.
Triode oscillator circuit. A. A. Varela. 2,406,871; Sept. 3.
Tripod, Golf bag. N. D. Holbrook. 2,408,777; Oct. 8.
Tripod jack. H. E. Page. 2,407,796; Sept. 17.
Tripping mechanism. J. Morkoski. 2,395,342; Feb. 19.
Tripping mechanism. L. L. Schauer and J. H. McKewen. 2,401,276; May 28.
Trisazo metallizable dyestuffs. F. Straub, J. Brassel, and H. Mayer. 2,408,961; Oct. 8.
Trolley conductor duct and collector, Electric. W. C. Anderson and G. J. Naber. 2,412,382; Dec. 10.
Trolley, Monorail. G. C. Henderson. 2,404,376; July 23.
Trolley system and frog, Overhead. W. J. Lewis. 2,393,388; Jan. 22.
Trolley wire connector. P. H. McKee and C. V. Siler. 2,413,061; Dec. 24.
Trolley with multi contact head for trackless trolley-fed vehicles. H. E. Kallmann. 2,396,049; Mar. 5.
Trolling device. A. M. Davidson. 2,393,090; Jan. 15.
Trouble lockout arrangement. H. D. MacPherson. 2,396,797; Mar. 19.
Trough for poultry and automatically controlling the supply of water thereto, Watering. J. G. Francis. 2,397,479; Apr. 2.
Trouser and skirt hanger. R. P. Harts. 2,393,632; Jan. 29.
Trouser creasing device. J. J. Getgey. 2,398,302; Apr. 9.
Trouser hanger. F. M. Puzio, Jr. 2,393,263; Jan. 22.
Trouser hanger. R. V. N. Snook. 2,394,879; Feb. 12.
Trousers construction. E. Martin. 2,410,226; Oct. 29.
Trowel. E. T. Jones. 2,395,186; Feb. 19.
Trowel, Pneumatic hand. W. P. Day, J. J. Day, W. P. Day, Jr., and V. E. Heglaw. 2,411,317; Nov. 19.
Trowel, Vibrating hand. W. P., J. J., and W. P. Day, Jr., and V. E. Heglaw. 2,400,341; May 14.
Truck. R. B. Cottrell. 2,395,317; Feb. 19.
Truck. R. B. Cottrell. 2,407,950; Sept. 17.
Truck. R. B. Cottrell and F. E. Bachman. 2,413,433; Dec. 31.
Truck. H. C. Keysor. 2,410,032; Oct. 29.
Truck. D. M. Light. 2,392,599; Jan. 8.
Truck. D. M. Light. 2,413,458; Dec. 31.
Truck. R. C. Pierce. 2,394,872; Feb. 12.
Truck. C. S. Schroeder. 2,411,556; Nov. 26.
Truck. C. E. Tack. 2,399,519; Apr. 30.
Truck, Airborne cargo. R. D. Bagley and J. E. Berman. 2,409,181; Oct. 15.
Truck, Car. T. V. Buckwalter. 2,403,045; July 2.
Truck, Car. T. V. Buckwalter. 2,405,398; Aug. 6.
Truck, Car. C. J. Clasen. 2,406,199; Aug. 20.
Truck, Car. R. B. Cottrell. 2,398,621; Apr. 16.
Truck, Car. L. A. Lehrman. 2,392,597; Jan. 8.
Truck, Car. D. M. Light. 2,402,502; June 18.
Truck, Car. J. A. Shafer. 2,393,426; Jan. 22.
Truck, Cargo. R. F. Leftwich. 2,405,893; Aug. 13.
Truck, Dispensing. J. Toomey. 2,405,862; Aug. 13.
Truck, Engine. J. C. Travilla, Jr. 2,402,711; June 25.
Truck for rail vehicles. A. S. Krotz. 2,408,520; Oct. 1.
Truck, Garbage. V. L. Balbi. 2,393,732; Jan. 29.
Truck, Hand. J. I. Jackson. 2,400,824; May 21.
Truck, Hand. H. N. Kirchdorfer. 2,396,953; Mar. 19.
Truck, Hand. W. M. MacLaury. 2,405,155; Aug. 6.
Truck, Hand. A. Newport. 2,406,158; Aug. 20.
Truck, Hand lift. C. E. Klumb. 2,399,043; Apr. 23.
Truck, Heavy-duty hand. M. D. Goodrich. 2,398,584; Apr. 16.
Truck, Industrial. H. J. Framhein. 2,395,323; Feb. 19.
Truck, Industrial. P. R. Guerin. 2,399,632; May 7.
Truck, Industrial. P. R. Guerin and H. Musgrave. 2,411,263; Nov. 19.
Truck, Industrial. I. F. Schreck. 2,395,345; Feb. 19.
Truck, Lift. G. Quayle. 2,405,848; Aug. 13.
Truck loader. R. C. Shoemaker. 2,394,940; Feb. 12.
Truck loader. R. C. Shoemaker. 2,409,398; Oct. 15.
Truck, Mine. A. L. Lee. 2,395,333; Feb. 19.
Truck, Motorized lift. C. S. Schroeder. 2,399,605; Apr. 30.
Truck, Pallet. H. J. Framhein. 2,399,596; Apr. 30.
Truck, Powered loading. E. W. Baldwin. 2,411,183; Nov. 19.
Truck, Rail. R. J. Burrows and A. O. Williams. 2,410,011; Oct. 29.
Truck, Railway. J. Ledwinka. 2,402,501; June 18.
Truck, Railway car. G. E. Dath. 2,404,278; July 16.
Truck, Railway car. W. A. Geiger. 2,407,875; Sept. 17.
Truck, Railway car. S. B. Haseltine. 2,395,967; Mar. 5.
Truck, Railway car. C. P. Leese. 2,412,689; Dec. 17.
Truck, Railway car. H. J. Lounsbury. 2,396,796; Mar. 19.
Truck, Railway car. L. A. Marquardt. 2,408,866; Oct. 8.
Truck, Railway car wheel. W. P. McCallick. 2,404,310; July 16.
Truck, Refrigerated. W. L. Morrison. 2,406,241; Aug. 20.
Truck side bearing. E. J. Ellis and M. S. Johnson. 2,394,158; Feb. 5.
Trucks, Bolster construction for railroad. A. F. Hickman. 2,400,550; May 21.
Trucks, Latch mechanism for dump. R. A. Penney. 2,401,660; June 4.
Trucks, Transferring loads to industrial. W. Isler. 2,394,692; Feb. 12.
Truing apparatus, Grinding wheel. B. S. T. Bishop and F. A. Bicknell. 2,405,551; Aug. 13.
Truing device, Wheel. R. A. Mahlmeister. 2,392,332; Jan. 8.
Trunk-piston body. E. Porter. 2,413,154; Dec. 24.
Trussed brake beam and/or brake head. C. R. Busch. 2,412,388; Dec. 10.
Tube: *See*—

Beam resonator tube.	Gaseous tube.
Bourdon tube.	Image dissector tube.
Cathode ray tube.	Molded, tapered tube.
Collapsible tube.	Photoelectric tube.
Dispensing tube.	Pitot tube.
Electric beam tube.	Protecting tube.
Electrical space discharge tube.	Rocket firing tube.
Electron discharge tube.	Secondary multiplication power tube.
Electron tube.	Siphon tube.
Electronic discharge tube.	Spark gap tube.
Electronic tube.	Television projector tube.
Field emission arc discharge tube.	Thermionic tube.
Finned tube.	Trigatron tube.
Flexible tube.	Ultra-high frequency tube.
Fluorescent tube.	Vacuum tube.
Gaseous discharge tube.	Welding tube.
	X-ray tube.

Tube. C. E. Murdock. 2,399,757; May 7.
Tube and making same, Electron. J. S. Vansant. 2,405,915; Aug. 13.
Tube and making the same, Electron. L. N. Pierri. 2,399,758; May 7.
Tube apparatus, Electron. G. S. Wachtman. 2,400,895; May 28.
Tube assembly, Cathode-ray. J. R. Beers. 2,404,899; July 30.
Tube assembly machine for heat-exchange cores. F. M. Young. 2,410,140; Oct. 29.
Tube bending machine. A. L. Kibler. 2,396,182; Mar. 5.
Tube bending tool. C. E. Adreon. 2,403,323; July 2.
Tube changer, Fluorescent light. I. M. Smith. 2,392,865; Jan. 15.
Tube clamp. R. R. Harrison. 2,399,183; Apr. 30.
Tube cleaner. J. P. Maruri. 2,392,490; Jan. 8.
Tube closure, Collapsible. J. C. Rockwell. 2,411,058; Nov. 12.
Tube construction and the manufacture thereof, Electron. J. E. Beggs. 2,402,119; June 18.
Tube construction, Radiator. A. B. Modine. 2,396,522; Mar. 12.
Tube construction, Reinforcing expander. C. Hollerith. 2,404,801; July 30.
Tube coupling. A. L. Parker. 2,404,142; July 16.
Tube cutting machine. D. A. Forsberg. 2,398,929; Apr. 23.
Tube ends, Closing bag. D. Belcher. 2,406,791; Sept. 3.
Tube expanding. C. A. Maxwell. 2,409,219; Oct. 15.
Tube for furnaces, Retort. D. R. Babbitt and E. T. Hewitt. 2,392,450; Jan. 8.
Tube forming apparatus and method. D. A. Wallace. 2,400,055; May 7.
Tube forming machine. H. R. Gillette, C. J. Kopp, and R. S. Gillette. 2,401,728; June 11.
Tube from a strip, Forming corrugated. S. J. Carter. 2,406,943; Sept. 3.
Tube locking adapter, Spindle actuated. G. B. Markle, Jr. 2,401,309; June 4.

Tube-severing mechanism. A. F. Ciba. 2,404,901; July 30.
Tube structure, High frequency. W. Hansen and R. H. and S. F. Varian. Re. 22,795; Oct. 1.
Tube system, Cathode-ray. W. A. Tolson and W. J. Poch. 2,400,791; May 21.
Tube telescoping machine. J. R. McLaughlin. 2,391,915; Jan. 1.
Tubes, Apparatus and method for making. R. L. Norton. 2,403,745; July 9.
Tubes, Expanding. H. Boyles and R. W. Grabb. 2,393,283; Jan. 22.
Tubes from tube sheets, Removing defective. R. L. Clapper. 2,411,246; Nov. 19.
Tubes, Making. W. W. Eitel and J. A. McCullough. 2,400,635; May 21.
Tubes, Manufacture of tin-plated lead collapsible. E. Stather-Dunn. 2,396,616; Mar. 12.
Tubes, Manufacturing photoelectric. R. B. Janes and A. M. Glover. 2,401,735; June 11.
Tubes, Manufacturing pitot-static. J. Bernhardt. 2,397,084; Mar. 26.
Tubes of organic plastic material, Method of and apparatus for forming. J. Bailey. 2,398,876; Apr. 23.
Tubes, Producing threaded spiral. R. B. Smith and M. W. Latimer. 2,405,909; Aug. 13.
Tubes, Starting circuit for gas filled discharge. R. Martines. 2,399,557; Apr. 30.
Tubes, Support for finned. A. J. Ryder. 2,402,209; June 18.
Tubing and the like, Wood. P. R. Goldman. 2,402,040; June 11.
Tubing, Capping. M. Curtze. 2,406,745; Sept. 3.
Tubing construction, Lamellar. P. R. Goldman. 2,402,039; June 11.
Tubing expanding tool. H. C. Kemmerlin. 2,411,733; Nov. 26.
Tubing, Fitting for flared. E. A. Wenk. 2,399,275; Apr. 30.
Tubing, Flexible. A. F. Johnson. 2,402,497; June 18.
Tubing, Forming bent. F. M. Kepler. 2,406,838; Sept. 3.
Tubing, Making. E. C. Booth. 2,401,542; June 4.
Tubing, Making. J. J. Dunn. 2,402,383; June 18.
Tubing manufacture, Wood. P. R. Goldman and R. Alt. 2,402,038; June 11.
Tubing, Reinforced. T. W. Stedman. 2,393,496; Jan. 22.
Tubing sets, Preparation of sterile. N. M. Nesset and E. J. Nawoj. 2,399,137; Apr. 23.
Tubing, Treating plastic. F. H. Reichel. 2,401,774; June 11.
Tubular abrasive bodies, Making. R. J. Hill. 2,411,724; Nov. 26.
Tubular article, Working. C. L. Luce and N. B. Duncan. 2,408,325; Sept. 24.
Tubular articles, Manufacture of metal. W. W. Hackett. 2,392,797; Jan. 8.
Tubular connection and sealing means therefor. E. E. Howe. Re. 22,715; Jan. 22.
Tubular lamp fixture. A. G. Mueller and F. C. Dazley. 2,399,501; Apr. 30.
Tubular lamp mounting. C. E. Dansereau. 2,403,968; July 16.
Tubular parts, Carburizing one side only of relatively short. E. G. de Coriolis. 2,412,802; Dec. 17.
Tubular structures, Manufacture of. P. R. Goldman. 2,393,898; Jan. 29.
Tufting machine, Multiple needle. L. Hamrick. 2,411,267; Nov. 19.
Tumbler. J. P. Jorgenson and A. G. Kling. 2,393,380; Jan. 22.
Tumbler, Balanced suction. S. J. Locke. 2,399,955; Apr. 30.
Tumbler washer. N. Bullock. 2,412,950; Dec. 24.
Tuner, Inductive. W. H. Kunz. 2,405,890; Aug. 13.
Tuner, Microwave multiband. A. H. Turner. 2,408,896; Oct. 8.
Tuner, Sequence. M. J. Pifer, C. F. Carlzen, and H. J. McGarvey. 2,411,754; Nov. 26.
Tuner, Ultra high frequency. A. H. Turner. 2,408,895; Oct. 8.
Tuning apparatus. R. L. Harvey. 2,411,858; Dec. 3.
Tuning apparatus. E. O. Thompson. 2,405,277; Aug. 6.
Tuning arrangement. W. L. Carlson. 2,402,948; July 2.
Tuning arrangement. A. L. Samuel. 2,410,841; Nov. 12.
Tuning device, Cavity. I. L. Stephan. 2,409,321; Oct 15.
Tuning device clutch. A. A. Collins. 2,409,192; Oct. 15.
Tuning means. H. C. Lawrence, Jr. 2,410,222; Oct. 29.
Tuning mechanism. A. J. Lombardi. 2,408,786; Oct. 8.
Tuning system. G. S. Wachtman. 2,400,896; May 28.
Tuning system, Electrical. G. S. Wachtman. 2,400,897; May 28.
Tuning system for radio receivers, Automatic. C. M. Burrill. 2,408,370; Oct. 1.
Tuning system, Selective. G. S. Wachtman. 2,400,898; May 28.
Tuning unit, Combined capacitive and inductive. E. O'Brien. 2,398,112; Apr. 9.
Tuning unit, Ultra-high-frequency. J. K. Johnson. 2,413,451; Dec. 31.
Tungsten ores, Treatment of. B. Burwell. 2,394,362; Feb. 5.
Tunnel furnace. G. Myhrman. 2,401,093; May 28.
Turbidimeter, Photoelectric. R. L. Hood and J. W. Berry. 2,411,092; Nov. 12.
Turbine. K. Baumann. 2,410,804; Nov. 12.
Turbine. F. B. Halford. 2,401,826; June 11.
Turbine. R. W. Youngash. 2,396,068; Mar. 5.
Turbine apparatus. D. Bradbury. 2,402,363; June 18.
Turbine apparatus. D. Bradbury. 2,404,428; July 23.
Turbine apparatus. C. C. Davenport. 2,400,392; May 14.
Turbine apparatus. C. C. Davenport. 2,402,377; June 18.
Turbine apparatus. R. P. Kroon. 2,402,418; June 18.
Turbine apparatus. R. P. Kroon. 2,410,450; Nov. 5.
Turbine apparatus. W. R. New. 2,411,552; Nov. 26.
Turbine apparatus, Elastic fluid. J. L. Ray. 2,402,841; June 25.
Turbine blade and assembly thereof. A. J. Phelan and V. H. Pavlecka. 2,410,588; Nov. 5.
Turbine blade locking apparatus. R. C. Allen. 2,393,447; Jan. 22.
Turbine control. A. E. Vandersee. 2,411,482; Nov. 19.
Turbine, Elastic fluid. S. S. Cook and L. M. Douglas. 2,392,463; Jan. 8.
Turbine, Elastic fluid. S. S. Cook and L. M. Douglas. 2,396,159; Mar. 5.
Turbine, Elastic fluid. J. H. Doran. 2,399,009; Apr. 23.
Turbine, Elastic fluid. H. Kraft. 2,392,673; Jan. 8.
Turbine engine. J. A. Fisher. 2,407,824; Sept. 17.
Turbine, Fluid. L. A. Darling. 2,405,190; Aug. 6.
Turbine, Fluid. A. F. G. Glaser. 2,404,371; July 23.
Turbine-generator. G. B. Warren. 2,412,848; Dec. 17.
Turbine installation. J. S. Hall. 2,394,685; Feb. 12.
Turbine, Internal-combustion. A. A. Griffith. 2,413,225; Dec. 24.
Turbine, Internal-combustion. F. J. Smith and J. Isaac. 2,409,909; Oct. 22.
Turbine plant, Gas. W. H. Armacost and D. M. Schoenfeld. 2,404,938; July 30.
Turbine plant, Internal-combustion. K. Baumann. 2,411,124; Nov. 12.
Turbine shaft cooling. W. A. Ledwith. 2,395,128; Feb. 19.
Turbine system, Gas. R. C. Allen. 2,409,176; Oct. 15.
Turbine system, Gas. H. W. Woodward and J. H. Potter. 2,401,285; May 28.
Turbine, turbine type compressor, and the like rotating machine. K. Baumann. 2,410,769; Nov. 5.
Turbine wheel. A. L. Berger. 2,393,963; Feb. 5.
Turbines, Operation and regulation of combustion. F. Nettel. 2,410,457; Nov. 5.
Turbodrive and control. H. O. Schjolin. 2,399,709; May 7.
Turbodrive and controls. H. O. Schjolin. 2,403,954; July 16.
Turbomachine. W. Huber. 2,405,146; Aug. 6.
Turbosupercharger. A. J. Larrecq. 2,406,388; Aug. 27.
Turbosupercharger, Exhaust. C. E. Sorensen. 2,397,816; Apr. 2.
Turn, bank and climb indicator. B. G. Carlson. 2,395,250; Feb. 19.
Turnbuckle. A. W. Rawlins and W. J. Kupec. 2,403,828; July 9.
Turnbuckle. P. Rossi. 2,403,402; July 2.
Turnbuckle fairing and lock. G. W. De Bell and T. C. Hill. 2,412,566; Dec. 17.
Turnbuckle safety device. E. E. Harrington. 2,395,546; Feb. 26.
Turnbuckle wrench. M. H. Thonet. 2,397,574; Apr. 2.
Turntable. O. W. Andersen. 2,395,528; Feb. 26.
Turner, Bag. B. A. Hannewald, J. J. Lee, and J. M. Wheatley. 2,410,731; Nov. 5.
Turning apparatus, Glove. R. E. Bartimore. 2,404,346; July 23.
Turning apparatus, Taper. W. F. Greene and H. C. Kemper. 2,407,778; Sept. 17.
Turning machine. D. I. Wilson and J. W. Quinn. 2,395,365; Feb. 19.
Turpentine, Odor refining sulphate. E. J. Lorand. 2,395,055; Feb. 19.
Turret construction. H. A. Sutton. 2,392,106; Jan. 1.
Turret for aerial cameras, Automatic. L. A. Scholz. 2,410,842; Nov. 12.
Turret, Gun. M. J. Phillips. 2,396,529; Mar. 12.
Turret lathe headstock. R. Kurzweil. 2,408,658; Oct. 1.
Turret mounting. D. Roeder and E. Nador. 2,404,459; July 23.
Tuyère. S. P. Kinney. 2,398,098; Apr. 9.
Tuyère, Blast furnace. G. E. Steudel. 2,394,497; Feb. 5.
Tweezer. G. M. Ferguson. 2,411,825; Nov. 26.
Tweezer implement and the like. E. A. Neugass. 2,06,393; Aug. 27.
Tweezers. G. M. Ferguson. 2,412,255; Dec. 10.
Twist drill. J. Fleischer. 2,405,298; Aug. 6.
Twister and doubler, Multiple. S. C. Nelson. 2,410,674; Nov. 5.
Twister frame. V. A. Burnham. 2,411,126; Nov. 12.
Twister, Mechanical manual-type wire. W. Morris. 2,400,769; May 21.
Twister ring. J. J. Kloran. 2,397,491; Apr. 2.
Twister traveler. P. C. Wentworth. 2,409,918; Oct. 22.
Twisting apparatus, Yarn. O. A. Hiltt. 2,406,768; Sept. 3.
2-aminol-4: 5-trimethylene-thiazole. H. Erlenmeyer. 2,400,689; May 21.
2-aminopyrazine, Preparation of. P. S. Winnek and Q. P. Cole. 2,396,067; Mar. 5.

Two and one direction silent overriding and positive driving overriding mechanism. C. H. Richards. 2,407,099; Sept. 3.
2-Bromopyrazine and preparing same. J. K. Dixon and J. M. Sayward. 2,403,710; July 9.
2-Chloroalkylimide chlorides. E. W. Shand. 2,411,064; Nov. 12.
2-chloropyrazine, Preparation of. P. S. Winnek. 2,396,066; Mar. 5.
Two-cycle engine. D. Blumberg. 2,410,477; Nov. 5.
Two-cycle engine. M. L. Forrest. 2,395,110; Feb. 19.
Two-cycle engine. A. M. Rossman. 2,408,448; Oct. 1.
Two-cycle internal-combustion engine. H. Forster. 2,404,833; July 30.
Two-cycle internal-combustion engine. M. Mallory. 2,403,100; July 2.
Two-cycle internal-combustion engine. H. Schneider. 2,393,341–2; Jan. 22.
Two-cycle internal-combustion engine. F. B. Yingling. 2,393,852; Jan. 29.
Two-cycle internal-combustion engine. F. B. Yingling. 2,401,677; June 4.
2-ethylhexyl fluoroacetate. J. L. Horsfall. 2,409,859; Oct. 22.
2-ethylhexyl phosphates. T. F. Carruthers. 2,406,802; Sept. 3.
2-(4-succinyl-amino-benzene-sulphonamido)-quinoxaline. J. Weijlard and M. Tishler. 2,404,200; July 16.
Two-gear metering pump. J. S. Cardillo. 2,400,485; May 21.
Two level control. J. L. Breese and B. Hayter. 2,397,120; Mar. 26.
2-methyl-1, 2-propanediamine, Preparation of. H. G. Johnson. 2,408,171; Sept. 24.
2-(N⁴-acylsulfanilamido) pyrazine, Preparation of. P. S. Winnek. 2,403,776; July 9.
2-oxazolidone compounds and preparing the same. A. H. Homeyer. 2,399,118; Apr. 23.
Two-phase motor. S. Bousky. 2,405,012; July 30.
2, 6-di-halo phenols, Manufacture of. J. F. Olin. 2,403,748; July 9.
2,6-nitro chlor benzyl alcohol, Preparing. F. Stevenpiper. 2,407,182; Sept. 3.
Two-stage control. G. D. Bower. 2,397,465; Apr. 2.
Two-stroke cycle internal-combustion engine. D. S. Sanborn. 2,401,111; May 28.
Two-stroke engine. E. M. Gadoux and J. Fouré. 2,403,350; Aug. 6.
Two stroke piston-controlled engine. E. S. L. Beale. 2,408,030; Sept. 24.
2-sulphanilamido-quinoxaline. J. Weijlard and M. Tishler. 2,404,199; July 16.
2-thiocyanothiazolines. R. A. Mathes. 2,391,993; Jan. 1.
2-thio-4,6-diamino-1,3,5-thiadiazine and salts therefor. D. W. Kaiser and R. L. Sperry. 2,397,421; Mar. 26.
2:3-hydroxy naphthoic arylides, Preparation of. R. H. Weiss and A. C. Wintringham. 2,394,279; Feb. 5.
Two-way clutch. K. Miller. 2,406,238; Aug. 20.
Two-way clutch. K. Miller. 2,407,319; Sept. 10.
Tying apparatus. R. R. Raney. 2,413,378; Dec. 31.
Tying mechanism. R. R. Raney. 2,403,396; July 2.
Type cleaner for typewriting machines. W. L. Gould. 2,394,855; Feb. 12.
Typewriter and the like, Chinese language. C.-C. Kao. 2,412,777; Dec. 17.
Typewriter attachment for manifolding. R. J. Copeland and E. J. Bloore. 2,392,522; Jan. 8.
Typewriter, Automatic. C. Wittenmyer. 2,394,733; Feb. 12.
Typewriter demonstrator. F. W. Nichol. 2,392,256; Jan. 1.
Typewriter desk fixture. M. Fox. 2,411,088; Nov. 12.
Typewriter for justifying lines. C. W. Norton. 2,405,974; Aug. 20.
Typewriter support. J. W. Paxton and I. R. Cornish. 2,401,181; May 28.
Typewriter table. C. W. Koch. 2,402,412; June 18.
Typewriting and computing machine, Combined. H. L. Pitman. 2,398,395; Apr. 16.
Typewriting machine. A. Colombo. 2,399,788; May 7.
Typewriting machine. M. H. Mann. 2,394,390; Feb. 5.
Typewriting machine. M. H. Mann. 2,407,433; Sept. 10.
Typewriting machine. W. T. Sagner. 2,395,763; Feb. 26.
Typewriting machine. O. J. Sundstrand. 2,394,950; Feb. 12.
Typewriting machine. W. G. Turquand. 2,397,578; Apr. 2.
Typewriting machine. R. von Reppert. 2,392,276; Jan. 1.
Typewriting machine. R. von Reppert. 2,396,401; Mar 12.
Typewriting machine. R. Von Reppert. 2,407,195; Sept. 3.
Typewriting machine. R. S. Wallach. 2,398,457; Apr. 16.
Typewriting machine. F. C. Wendt. 2,411,402; Nov. 19.
Typewriting machine. H. C. Yaeger. 2,395,929; Mar. 5.
Typewriting machine, Shorthand. J. L. Stixrud. 2,403,452–3; Oct. 1.
Typewriting machine, Shorthand. J. L. Sweeney. 2,394,769; May 7.
Typographical composing machine. F. C. Frolander. 2,394,999; May 7.
Ultra-high frequency apparatus. M. R. Richmond. 2,403,302–3; July 2.
Ultra high frequency detector. A. E. Anderson. 2,409,608; Oct. 22.
Ultra high-frequency device. D. G. Clifford and I. E. Mouromtseff. 2,407,974; Sept. 24.
Ultra high frequency electron discharge device system. W. van B. Roberts. 2,404,745; July 23.
Ultra high frequency electronic device. W. Shockley. 2,409,227; Oct. 15.
Ultrahigh frequency electronic device contained within wave guides. A. L. Samuel. 2,402,184; June 18.
Ultra high frequency filter. A. M. Gurewitsch. 2,392,664; Jan. 8.
Ultra high frequency generator. O. H. Biggs and H. Heins. 2,408,903; Oct. 8.
Ultra-high frequency ignition device. N. I. Korman. 2,403,290; July 2.
Ultra high frequency oscillation generator. J. R. Ford. 2,412,805; Dec. 17.
Ultra high frequency power measurement. A. M. Gurewitsch. 2,407,075; Sept. 3.
Ultra-high frequency resonant cavities. S. A. Schelkunoff. 2,405,612; Aug. 13.
Ultra high frequency signal-translating apparatus. R. B. Lawrance. 2,404,640; July 23.
Ultra high frequency space resonant system. A. M. Gurewitsch. 2,411,424; Nov. 19.
Ultra high frequency switch. D. R. De Tar. 2,413,298; Dec. 31.
Ultra high frequency system. K. C. DeWalt. 2,412,446; Dec. 10.
Ultra high frequency system. J. R. Whinnery. 2,404,261; July 16.
Ultra high frequency tube. I. E. Mouromtseff and G. M. Dimmick. 2,394,397; Feb. 5.
Ultra short wave system. C. H. Brown. 2,393,284; Jan. 22.
Ultra short wave system. O. E. Dow. 2,404,279; July 16.
Ultra violet transmitting glass. J. G. Hooley. 2,398,530; Apr. 16.
Ultrasonic cell. G. W. Willard. 2,392,350; Jan. 8.
Umbrella and cape, Combination. H. Navon. 2,412,415; Dec. 10.
Umbrella, Rubber balloon. E. B. Klimashesky. 2,401,252; May 28.
Undercarriage, Aircraft. J. M. Gwinn, Jr. 2,403,523; July 9.
Undercutting and conveying element. C. E. Tibbals. 2,399,075; Apr. 23.
Undercutting tool. H. J. M. Johnson and W. H. Kurth. 2,400,933; May 28.
Undergarment. L. G. and H. G. Arpin. 2,408,723; Oct. 8.
Undergarment. F. A. Cohen. 2,392,724; Jan. 8.
Undergarment, Lady's. E. M. Bryant. 2,401,457; June 4.
Underlay for floor coverings. B. M. Randall. 2,405,235; Aug. 6.
Underreamer. W. B. Dunlap, Jr. 2,397,652; Apr. 2.
Underreamer. M. G. and N. L. Schutte. 2,401,515; June 4.
Unidirectional-twist woven fabric and method. R. C. Whitman. 2,400,182; May 14.
Uniform cap frame. S. O. Schlesinger. 2,393,270; Jan. 22.
Union for masts, poles, and the like. W. C. Scrivener and A. G. Brewer. 2,410,245; Oct. 29.
Unit, Dual slider. L. H. Morin. 2,393,551; Jan. 22.
Unit for electric chimes, Power. C. E. Waltman. 2,408,712; Oct. 1.
Unit for fruit, Holding. N. E. Gaddini. 2,403,518; July 9.
Unit for producing color flames, Fuel. C. B. F. Young. 2,398,571; Apr. 16.
Unit for refrigerating coils, Protective collar. G. Seiler. 2,409,396; Oct. 15.
Unit heater. W. J. Hartwig. 2,399,487; Apr. 30.
Unit heater. H. B. Holthouse. 2,412,088; Dec. 3.
Unit lock. H. G. Voight. 2,412,789; Dec. 17.
Unit, Motor-pump. J. B. Parsons. 2,393,406; Jan. 22.
Unitary boring and countersinking tool. M. H. De Bruin and E. F. Flock. 2,409,616; Oct. 22.
Unitary foldable music stand. W. Berg. Re. 22,826; Dec. 31.
Universal joint. E. B. Anderson. 2,402,006; June 11.
Universal joint. W. R. Blomgren. 2,394,890; Feb. 12.
Universal joint. C. L. Hambelton. 2,397,003; Mar. 19.
Universal joint. R. B. Ransom. 2,396,750; Mar. 19.
Universal joint. J. J. Shea. 2,395,792; Feb. 26.
Universal joints, Fabricating. E. B. Anderson. 2,397,585; Apr. 2.
Universal multiple cable clamp. H. L. Kindorf. 2,394,518; Feb. 5.
Universal surgical stitching instrument. J. D. Karle. 2,393,910; Jan. 29.
Unloader, Compressor. S. Hirsch. 2,408,932; Oct. 8.
Unloader valve. B. N. Ashton and N. G. Kling. 2,397,117; Mar. 26.
Unloading and loading mechanism, Grain. R. I. Patterson. 2,410,996; Nov. 12.
Unloading apparatus, Truck. W. S. MacRae. 2,407,430; Sept. 10.
Unloading device. G. A. Petroe. 2,393,932; Jan. 29.

Unloading device, Car. S. P. Kinney and L. M. Hartwick. 2,406,546; Aug. 27.
Unloading device, Vehicle bed. E. Ligota. 2,408,862; Oct. 8.
Unloading double check valve. E. A. Rockwell and J. M. Roth. 2,412,428; Dec. 10.
Unsaturated 5-amino-1, 3-dioxanes and preparation thereof. M. Senkus. 2,399,068; Apr. 23.
Unsaturated nitriles, Preparation of. D. J. Butterbaugh and L. U. Spence. 2,407,472; Sept. 10.
Unshorting switch. W. A. Good. 2,395,782; Feb. 26.
Unwinding machine. R. McC. Johnstone. 2,412,509; Dec. 10.
Upper shaping machine. E. A. Holmgren. 2,395,480; Feb. 26.
Upward acting molding press. W. R. Tucker. 2,410,909; Nov. 12.
Urea-formaldehyde reaction products and producing same. M. T. Harvey and S. Caplan. 2,406,217; Aug. 20.
Utensil and its heating means, Cooking. J. H. Grayson. 2,402,997; July 2.
Utensil, Cooking. A. J. Gavalis. 2,402,883; June 25.
Utensil, Cooking. A. W. Phillips. 2,403,191; July 2.
Utensil, Cooking. O. Suttles. 2,411,345; Nov. 19.
Utensil, Cooking. A. A. Wolff. 2,413,204; Dec. 24.
Utensil, Culinary. R. D. McDill. 2,397,902; Apr. 2.
Utensil holder. A. Mosch. 2,412,056; Dec. 3.
Utensil, Scraper. H. B. Atha. 2,410,192; Oct. 29.
Utensil, Self-stirring cooking. P. Monath. 2,396,924; Mar. 19.
Utility board. D. C. Braden. 2,394,141; Feb. 5.
Utilizing waste heat, Method of and apparatus for. D. Dalin. 2,404,792; July 30.
V-bearing. C. H. Phelps. 2,402,205; June 18.
V-belt construction. H. Ogard. 2,403,607; July 9.
Vacuum apparatus. K. C. D. Hickman. 2,406,017; Aug. 20.
Vacuum apparatus, Manufacture of. M. P. Wilder. 2,398,340; Apr. 9.
Vacuum breaker, Automatic. D. G. Griswold. 2,394,911; Feb. 12.
Vacuum chuck for glass lathes. C. B. Petry. 2,398,959; Apr. 23.
Vacuum cleaner. E. T. Linderoth. 2,396,862; Mar. 19.
Vacuum cleaner. G. E. Lofgren. 2,393,788; Jan. 29.
Vacuum cleaner. N. B. Wales. 2,392,205; Jan. 1.
Vacuum cleaning apparatus. F. W. Petri. 2,397,986; Apr. 9.
Vacuum cleaning system. W. E. Bible. 2,405,129; Aug. 6.
Vacuum control. T. C. Poulter and C. F. Stro. 2,402,913; June 25.
Vacuum control check valve. B. G. Carlson. 2,392,458; Jan. 8.
Vacuum distillation apparatus, High. K. C. D. Hickman. 2,396,374; Mar. 12.
Vacuum distillation process and apparatus. K. C. D. Hickman. 2,408,639; Oct. 1.
Vacuum pump. G. A. Becker. 2,397,591; Apr. 2.
Vacuum tube. E. Labin. 2,410,349; Oct. 29.
Vacuum tube connection. R. B. Hoffman. 2,412,987; Dec. 24.
Vacuum tube connection. E. Labin and R. B. Hoffman. 2,412,992; Dec. 24.
Vacuum tube electrodes, Producing. L. C. Goodale. 2,410,060; Oct. 29.
Vacuum tube system. L. W. Schreiner. 2,398,050; Apr. 9.
Vacuumizing and gassing filled containers. H. L. Minaker. 2,412,167; Dec. 3.
Valise and chair, Combination. E. Valenti. 2,398,478; Apr. 16.

Valve: *See*—
- Air cooled rotary valve.
- Antisiphon ball cock valve.
- Automatic antiback-flow valve.
- Automatic dilution system control valve.
- Automatic valve.
- Backwater valve.
- Balloon valve.
- Barometric fuel valve.
- Blowoff valve.
- Booster pressure relief valve.
- Brake valve.
- Butterfly valve.
- By-pass control valve.
- Cabin pressure control valve.
- Charger valve.
- Cold worked hollow stem valve.
- Combined chimney and blowoff valve.
- Control unit and dump valve.
- Control valve.
- Coolant contained valve.
- Deicing valve.
- Dispensing valve.
- Double-acting check valve.
- Double check unloading valve.
- Electrically operated valve.
- Emergency hand pump selector valve.
- Emergency valve.
- Expansion valve.
- Explosive operated valve.
- Filling nozzle valve.
- Filling valve.
- Float control valve.
- Float valve.
- Flow control valve.
- Fluid control valve.
- Fluid controlling valve.
- Fluid drive control valve.
- Fluid pressure actuated valve.
- Flush valve.
- Flux valve.
- Fuel control valve.
- Full cycle hydraulic valve.
- Gate valve.
- Governor valve.
- High-pressure control valve.
- High temperature valve.
- Hollow poppet valve.
- Hydraulic control valve.
- Hydraulic relief valve.
- Hydraulic safety valve.
- Hydraulic selector valve.
- Hydraulic valve.
- Inverted vent check valve.
- Light valve.
- Line pressure valve.
- Lock valve.
- Lubricant dispensing valve.
- Lubricated shutoff butterfly valve.
- Measuring valve.
- Multiport valve.
- Nonicing throttle valve.
- Piston brake valve.
- Plug valve.
- Power intensifier valve.
- Pressure actuated sprinkler valve.
- Pressure actuated valve.
- Pressure regulator valve.
- Pressure relief valve.
- Quick-action valve.
- Quick opening rotary valve.
- Radiator valve.
- Refrigeration expansion valve.
- Regulating valve.
- Relief valve.
- Reset valve.
- Rotary gate valve.
- Rotary valve.
- Rotating valve.
- Safety gas valve.
- Safety pressure relief valve.
- Safety valve.
- Sand slurry valve.
- Sheathed valve.
- Shuttle valve.
- Slush pump valve.
- Snap-on valve.
- Solenoid valve.
- Speed control valve.
- Sump selector valve.
- Surge valve.
- Temperature control valve.
- Thermostatic surge valve.
- Three-way solenoid valve.
- Unloader valve.
- Unloading double check valve.
- Vacuum control check valve.

Valve. E. S. Arnold. 2,401,129; May 28.
Valve. J. H. Beach. 2,405,127; Aug. 6.
Valve. H. L. Beckley and R. H. Gilbert and R. H. Lacart. 2,398,775; Apr. 23.
Valve. W. R. Brant and H. G. Chapman, Jr. 2,404,349; July 23.
Valve. J. D. Buchanan. 2,410,404; Nov. 5.
Valve. W. C. Bucknam. 2,405,010; July 30.
Valve. W. C. Jaegle. 2,402,406; June 18.
Valve. M. Mallory. 2,406,087; Aug. 20.
Valve. H. W. McPherson. 2,407,761; Sept. 17.
Valve. N. B. Newton and R. Femema. 2,406,243; Aug. 20.
Valve. H. S. Ogden. 2,406,246; Aug. 20.
Valve. H. W. Osburn. 2,392,800; Jan. 8.
Valve. H. L. Paul. 2,394,471; Feb. 5.
Valve. I. N. Reed. 2,392,880; Jan. 15.
Valve. L. O. Reichelt and D. V. Waters. 2,404,529; July 23.
Valve. V. Remus. 2,410,105; Oct. 29.
Valve. H. W. Rice. 2,394,105; Feb. 5.
Valve. L. C. Rotter and V. G. Klein. 2,394,487; Feb. 5.
Valve. T. F. Saffady. 2,395,942; Mar. 5.
Valve. P. K. Saunders. 2,397,373; Mar. 26.
Valve. J. F. Schiller. 2,408,000; Sept. 24.
Valve. P. Spence. 2,399,301; Apr. 30.
Valve. G. N. Strike. 2,399,767; May 7.
Valve. B. G. Sutton. 2,412,232; Dec. 10.
Valve. A. S. Volpin. 2,401,123; May 28.
Valve. J. I. Yellott, R. A. Ackley, and A. J. Rosenberger. 2,393,442; Jan. 22.
Valve action for cornets, trumpets, and like instruments. O. E. Swinehart. 2,404,818; July 30.
Valve actuating mechanism. L. D. Harrison. 2,412,457; Dec. 10.
Valve actuating mechanism. A. Mueller. 2,412,529; Dec. 10.
Valve actuating mechanism. L. I. Plank. 2,404,311; July 16.
Valve and control therefor, Reset. W. A. Ray. 2,403,611; July 9.
Valve and faucet, Drum. W. R. J. Woock. 2,405,681; Aug. 13.
Valve and water adaptor for tire tubes, Combination. K. Y. Baker. 2,400,969; May 28.
Valve apparatus, Pulse generating thermionic. A. D. Blumlein and E. L. C. White. 2,405,552; Aug. 13.
Valve assembly. G. T. Downey. 2,392,234; Jan. 1.
Valve assembly. A. J. Penick. 2,406,099; Aug. 20.
Valve bags, Making. H. E. Lee. 2,392,094; Jan. 1.
Valve cap. W. J. Roberts. 2,406,563; Aug. 27.
Valve closure, Plug. S. J. Nordstrom. 2,398,444; Apr. 16.
Valve construction. I. E. McCabe. 2,410,546; Nov. 5.
Valve construction. C. Pool. 2,392,501; Jan. 8.
Valve construction. L. D. Schmit. 2,409,517; Oct. 15.
Valve construction, High pressure. T. R. Smith. 2,403,029; July 2.
Valve construction, Hydraulic. T. R. Smith. 2,408,006; Sept. 24.
Valve control for predetermining counters, Slow closing. P. Renfrew and W. F. Berck. 2,395,795; Feb. 26.
Valve control mechanism. R. A. Kaser. 2,395,969; Mar. 5.
Valve control mechanism, Engine. A. T. Gregory. 2,410,411; Nov. 5.
Valve control, Throttle. C. R. Briggs. 2,401,545; June 4.
Valve device. G. T. McClure. 2,404,514; July 23.
Valve device. W. W. Paget. 2,392,178; Jan. 1.
Valve device, Control. A. J. Bent. 2,398,877; Apr. 23.
Valve device, Control. J. C. McCune. 2,398,907; Apr. 23.

Valve device, Protection. G. T. McClure. 2,407,890; Sept. 17.
Valve for bottled gas systems, Pressure reduction. H. G. Martin. 2,393,545; Jan. 22.
Valve for controlling distribution of fluids. A. J. Yanka. 2,405,777; July 9.
Valve for controlling high-pressure fluids. F. S. Carver. 2,399,102; Apr. 23.
Valve for fluid pressure systems, Regulator or unloading. H. B. Schultz. 2,393,571; Jan. 22.
Valve for gas compressors, Inlet. W. S. Powell. 2,410,522; Nov. 5.
Valve for gas dispensing systems, Change-over. A. D. Krueger. 2,397,670; Apr. 2.
Valve for hose couplings. J. H. Harrison and H. E. Byers. 2,409,753; Oct. 22.
Valve for hydraulic motors, Controlling. T. F. Stacy. 2,398,811; Apr. 23.
Valve for internal-combustion engine. E. N. Jacobi. 2,403,001; July 2.
Valve for internal-combustion engine, Hollow. R. A. Lincoln. 2,407,561; Sept. 10.
Valve for internal-combustion engines, Rotary sleeve. G. Davies. 2,395,994; Mar. 5.
Valve for jet, Automatic control. T. S. Harris. 2,409,561; Oct. 15.
Valve for pressure cabins, Auxiliary relief. R. J. Schroeder. 2,393,343; Jan. 22.
Valve for radiators, Thermostatic vent. E. Jacobus. 2,400,297; May 14.
Valve for reciprocating motors, Starting. R. R. Kilian. 2,394,074; Feb. 5.
Valve for shock absorbers, resilient devices, dashpots and the like, Damping. A. E. Bingham. 2,397,640; Apr. 2.
Valve for steam engines, Steam actuated pilot controlled distribution. J. Sim. 2,412,478; Dec. 10.
Valve for thermostatic devices, Vent. W. B. Griffith. 2,392,087; Jan. 1.
Valve for torpedo exercise head, Exhaust. M. G. Leonard. 2,412,224; Dec. 10.
Valve for use in automatically by-passing a hydraulic unit or the like, Emergency relief. H. P. Wills. 2,404,936; July 30.
Valve for wabbler plate meters, Compound motion fluid distribution. D. S. Willson. 2,413,670; Dec. 31.
Valve gear. R. Chilton. 2,404,827; July 30.
Valve inserting mechanism. D. F. O'Brien. 2,396,964; Mar. 19.
Valve key assembly. M. S. Brockman. 2,394,143; Feb. 5.
Valve linkage. O. M. Burkhardt. 2,411,650; Nov. 26.
Valve mechanism. W. B. Bronander. 2,411,775; Nov. 26.
Valve mechanism. P. J. Burchett. 2,406,662; Aug. 27.
Valve mechanism. R. Chilton. 2,404,828; July 30.
Valve mechanism. R. G. Dykeman. 2,394,672; Feb. 12.
Valve mechanism. W. A. Eaton. 2,401,681; June 4.
Valve mechanism. E. R. Fitch. 2,399,996; May 7.
Valve mechanism. O. H. Lademan. 2,403,427; July 2.
Valve mechanism, H. J. Williams. 2,401,716; June 4.
Valve mechanism, By-pass. H. L. Blum. 2,396,815; Mar. 19.
Valve mechanism for compressed gas circuit interrupters. B. P. Baker and H. J. Webb. 2,411,356; Nov. 19.
Valve mechanism for internal-combustion engines. E. P. Paxman. 2,397,882; Apr. 2.
Valve mechanism, Multiselector. K. B. Britton. 2,399,460; Apr. 30.
Valve member, Composite. J. W. Kelly. 2,397,269; Mar. 26.
Valve of internal-combustion engines. A. F. Sanders. 2,396,347; Mar. 12.
Valve operating mechanism. A. Chilton. 2,398,206; Apr. 9.
Valve puller. D. T. Harbison. 2,398,305; Apr. 9.
Valve rotating device. E. K. Ralston. 2,397,502; Apr. 2.
Valve seat construction. J. C. Hobbs. 2,391,899; Jan. 1.
Valve seat grinding tool. P. Weynand. 2,394,882; Feb. 12.
Valve seat insert assembly and assembly method and means. S. H. Norton. 2,406,963; Sept. 3.
Valve shutoff system, Repeating. M. Cornell and A. R. Whittaker. Re. 22,710; Jan. 22.
Valve stems or the like, Insert for. L. C. Broecker. 2,397,334; Mar. 26.
Valve structure. S. G. Harwood. 2,392,319; Jan. 8.
Valve structure, Combination. J. A. Brooks. 2,406,941; Sept. 3.
Valve system and control therefor. L. G. Daniels 2,407,539; Sept. 10.
Valve system, Electric. M. M. Morack. 2,411,742; Nov. 26.
Valve system for sea wave power installations. P. F. Dabel. 2,410,430; Nov. 5.
Valve tappet, Hydraulic extensible. O. W. Meth. 2,393,793; Jan. 29.
Valve tappet mounting. G. E. Burks. 2,404,032; July 16.
Valve with oven valve lock attachment, Master safety. W. R. Jones. 2,413,237; Dec. 24.
Valved bag. C. V. Brady. 2,393,739; Jan. 29.
Valveless suction apparatus. J. A. Betts. 2,394,888; Feb. 12.
Valves for tanks, Venting and discharge. C. H. and P. H. Scott. 2,409,071; Oct. 8.
Valves, Liquid sealed vent. J. H. Wiggins. 2,400,450; May 14.
Valves, Screening of amplifying. G. Liebmann. 2,400,011; May 7.
Vanadium, Recovery of. A. Hixson and R. Miller. 2,407,008; Sept. 3.
Vane for unit beaters, Air deflector. B. Spieth. 2,413,118; Dec. 24.
Vane motor. E. E. Petzold. 2,407,901; Sept. 17.
Vane type booster pump. R. R. Curtis. 2,400,391; May 14.
Vanillin, Making. R. Servis. 2,399,607; Apr. 30.
Vanity box. L. P. Root. 2,393,568; Jan. 22.
Vanity for automobile compartments. S. J. Winslow. 2,406,450; Aug. 27.
Vapor-electric device. J. E. Raymond. 2,401,016; May 28.
Vapor electric device. H. A. Rose. 2,394,013; Feb. 5.
Vapor-electric system. J. H. Cox and H. C. Myers. 2,397,089; Mar. 26.
Vapor generating apparatus. P. W. Foster, Jr. 2,403,432; July 9.
Vapor generator. M. Frisch. 2,405,573; Aug. 13.
Vapor generator. R. V. Jones, A. C. Foster, and E. R. Kilsby. 2,395,873; Mar. 5.
Vapor heating system. A. F. Hoesel. 2,412,168; Dec. 3.
Vapor-proofing material, Moisture. L. M. Burgess and G. Abson. 2,402,123; June 18.
Vapor vacuum pump. P. Alexander and C. Whiley. 2,404,023; July 16.
Vaporization burner. G. P. Kittel and P. D. Wollner. 2,396,577; Mar. 12.
Vaporizer, Fuel. J. Graziano. 2,411,204; Nov. 19.
Vaporizer, Steam. R. R. Fisher. 2,392,372; Jan. 8.
Vaporizer, Volatile liquid. J. F. Armathes. 2,397,230; Mar. 26.
Vaporizing apparatus. J. W. Martin. 2,408,084; Sept. 24.
Vaporizing burner. J. L. Breese. 2,396,820; Mar. 19.
Vaporizing device. C. F. J. Dupuy. 2,412,326; Dec. 10.
Vaporizing means. T. L. Triplett. 2,406,517; Aug. 27.
Vaporizing tank. R. F. Goode. 2,400,821; May 21.
Variable blower drive. L. S. Hobbs. 2,400,306; May 14.
Variable compression ratio internal-combustion engine. H. J. Kratzer. 2,399,276; Apr. 30.
Variable condenser. L. M. Hammond. 2,394,686; Feb. 12.
Variable condenser. G. H. Stephens. 2,394,947; Feb. 12.
Variable delivery and reversing pump. D. J. Orr. 2,406,964; Sept. 3.
Variable diameter and variable pitch propeller. W. S. Hoover. 2,404,290; July 16.
Variable displacement pump. J. F. Joy. 2,400,119; May 14.
Variable leverage brake. B. H. Browall. 2,405,939; Aug. 20.
Variable load brake. G. L. Cotter. 2,395,170; Feb. 19.
Variable load brake. G. T. McClure. 2,396,431; Mar. 12.
Variable load brake. E. G. Mueller. 2,409,886; Oct. 22.
Variable load brake. L. I. Pickert. 2,408,123; Sept. 24.
Variable output pump. R. J. Ifield and W. E. W. Nicolls. 2,403,371; July 2.
Variable resistance. A. W. Fischer. 2,407,544; Sept. 10.
Variable resistance. F. E. Riling. 2,396,970; Mar. 19.
Variable resistor. A. C. Ruge. 2,403,951; July 16.
Variable speed device. W. H. Newell. 2,412,468; Dec. 10.
Variable speed drive. D. Heyer. 2,395,625; Feb. 26.
Variable-speed drive. L. S. Hobbs and A. V. D. Willgoos. 2,400,307; May 14.
Variable speed hydraulic coupling. G. E. Bock. 2,396,149; Mar. 5.
Variable-speed motor. L. C. Packer. 2,409,891; Oct. 22.
Variable-speed power transmission mechanisms, Controlling. H. M. Kesterton. 2,405,699; Aug. 13.
Variable-speed transmission. L. E. Jones. 2,405,957; Aug. 20.
Variable stroke mechanism. R. H. Breither, H. L. Seiden, C. T. Breitenstein, and F. G. Nicholaus. 2,410,708; Nov. 5.
Variable torque drive. E. D. Hanson. 2,395,047; Feb. 19.
Variable tread vehicle. T. O. Davidson and L. B. Schauer. 2,410,271; Oct 29.
Variable volute chamber centrifugal pump. C. W. Chase. 2,396,083; Mar. 5.
Varnish base, Blown wrinkle. W. A. Waldie. 2,395,360–1; Feb. 19.
Varnish bases, Sulfur-treated. L. Auer. 2,413,281; Dec. 31.
Varnish compositions, Preparation of. A. E. Rheineck and S. B. Crecelius. 2,403,300; July 2.
Varnish paper liner facing material. C. E. Maier. 2,412,592; Dec. 17.
Varnishes, Making. L. R. J. Kientz. 2,408,782; Oct. 8.
Varnishing armatures and the like. D. F. Alexander. 2,411,180; Nov. 19.
Vegetable concentrates and preparing same. R. Perech. 2,393,561; Jan. 22.
Vegetable matter in pipes, Destroying. A. C. Ripley. 2,397,328; Mar. 26.
Vegetable washer. A. G. Suelflow. 2,412,430; Dec. 10.
Vegetables, Dehydrating. M. W. Miller. 2,406,431; Aug. 27.
Vegetables for shipment, Packing leafy. W. H. Wilson. 2,413,129; Dec. 24.

Vehicle: *See*—
Aerial and land vehicle.
Airplane loading and service vehicle.
Amphibian vehicle.
Amphibious vehicle.
Automotive vehicle.
Child's vehicle.
Coal mine haulage vehicle.
Combination aerial and land vehicle.
Dirt scraping and carrying vehicle.
Double deck vehicle.
Dual wheel vehicle.
Heavy duty vehicle.
High-speed vehicle.
Litter-carrying vehicle.
Material haulage vehicle.
Mechanically propelled vehicle.
Military vehicle.
Motor vehicle.
Occupant-propelled vehicle.
Occupant steered and propelled vehicle.
Scraper vehicle.
Self loading vehicle.
Self-propelled vehicle.
Tandem axle vehicle.
Toy vehicle.
Tracklaying vehicle.
Variable tread vehicle.
Wheeled toy vehicle.
Wheeled vehicle.
Vehicle. R. E. and E. W. Choate. 2,406,944; Sept. 3.
Vehicle. E. E. Kearns. 2,399,029; May 7.
Vehicle. G. G. McNamara, Jr. 2,407,092; Sept. 3.
Vehicle. D. D. Ormsby. 2,396,803–4; Mar. 19.
Vehicle atmospheric suspension system. W. H. Taylor. 2,393,942; Jan. 29.
Vehicle attachment, Motor. J. Paymer. 2,406,161; Aug. 20.
Vehicle body. A. P. Ball. 2,410,332; Oct. 29.
Vehicle body. T. Vigmostad and S. N. Juul. 2,411,945; Dec. 3.
Vehicle brake. J. S. Irving and T. K. Mace. 2,395,551; Feb. 26.
Vehicle brake mechanism. J. G. Ingres. 2,395,223; Feb. 19.
Vehicle construction. R. F. Thornton. 2,395,769; Feb. 26.
Vehicle construction, Self-propelled. J. C. Rumsey. 2,402,297; June 18.
Vehicle door latch. H. W. Rightmyer. 2,407,999; Sept. 24.
Vehicle draw bar. M. A. Richardson. 2,409,313; Oct. 15.
Vehicle drive control mechanism. E. Orshansky, Jr. 2,393,557; Jan. 22.
Vehicle equalizing suspension. G. L. Larison. 2,413,572; Dec. 31.
Vehicle for children. E. T. Holder. 2,402,046; June 11.
Vehicle for liquefied gas, Transport. O. A. Hansen. 2,412,146; Dec. 3.
Vehicle jack. R. H. McClure. 2,401,787; June 11.
Vehicle jack. P. F. Parrott. 2,411,803; Nov. 26.
Vehicle lighting system. W. C. Meinerding. 2,397,748; Apr. 2.
Vehicle lock. R. E. Marine. 2,413,025; Dec. 24.
Vehicle running gear. W. H. Sackel. 2,411,836; Nov. 26.
Vehicle seat mounting. A. A. Issigonis. 2,396,511; Mar. 12.
Vehicle signal. W. Trautner. 2,409,403; Oct. 15.
Vehicle signal switch. H. E. Wilbert, Sr. 2,411,702; Nov. 26.
Vehicle suspension. W. B. Fageol. 2,404,794; July 30.
Vehicle suspension. A. S. Krotz. 2,409,501; Oct. 15.
Vehicle suspension. G. H. Parker. 2,393,183; Jan. 15.
Vehicle suspension. J. R. Peach. 2,396,528; Mar. 12.
Vehicle suspension. A. S. Krotz. 2,396,579; Mar. 12.
Vehicle suspension. K. Wilfert and B. Barenyi. 2,401,209; May 28.
Vehicle suspension control mechanism. A. M. Wolf. 2,405,250; Aug. 6.
Vehicle towing device. F. E. Blair and I. Lada. 2,411,411; Nov. 19.
Vehicle undercarriage. J. T. Mitten. 2,402,428; June 18.
Vehicle wheel. J. Magdus. 2,404,308; July 16.
Vehicle wheel. W. L. Moore. 2,398,951; Apr. 23.
Vehicle wheel. C. W. Sinclair. 2,407,749; Sept. 17.
Vehicle wheel. A. M. Stanley. 2,403,690; July 9.
Vehicle wheel carrier. J. W. Roberts. 2,410,902; Nov. 12.
Vehicle wheel connecting joint. F. W. Slack and C. C. Utz. 2,405,458; Aug. 6.
Vehicle wheel mounting. G. L. Larison. Re. 22,714; Jan. 22.
Vehicle wheels, Resilient suspension of. G. F. Halliday. 2,401,869; June 11.
Vehicle window regulator mounting. J. B. Parsons. 2,398,852; Apr. 23.
Vehicles for steam-set printing inks. J. W. Kroeger and D. J. O'Connor, Jr. 2,400,519; May 21.
Vehicles, Hydraulic braking system for. R. L. Levy. 2,402,115; June 11.
Vehicles, Method of and mechanism for breaking heavy duty automotive. J. G. Oetzel. 2,395,904; Mar. 5.
Vehicles, Mounting the traveling wheels of road. R. F. Gordon. 2,401,683; June 4.
Vehicles, Power steering mechanism for. R. L. Akers. 2,400,218; May 14.
Vehicles, Power steering mechanism for. R. G. Le Tourneau and R. L. Akers. 2,400,239; May 14.
Vehicles, Track for. F. L. Haushalter. 2,402,042; June 11.
Velocipede, Hobbyhorse. J. R. Sieger. 2,400,265; May 14.
Velocity modulation impulse generator. R. R. Buss. 2,402,364; June 18.
Vending machine. M. J. Auerbach. 2,399,612; May 7.
Vending machine. B. W. Fry. 2,413,304; Dec. 31.
Vending machine. I. E. Kidwell. 2,413,454; Dec. 31.
Vending machine. G. G. and T. D. Lo Cascio. 2,398,543; Apr. 16.
Vending machine. C. F. Pease. 2,410,231; Oct. 29.
Vending machine. J. B. Ryno and C. L. Casey. 2,412,539; Dec. 10.
Vending machine, Bottle. J. R. Donaldson. 2,399,105; Apr. 23.
Vending machine door. N. M. Denison. 2,411,713; Nov. 26.
Vending machine for newspapers and the like. J. J. Cubete. 2,394,292; Feb. 5.
Vending machine, Vertical. H. T. Larimore. 2,405,891; Aug. 13.
Venetian blind. K. R. Horton. 2,405,255; Aug. 6.
Venetian blind. D. Kwon. 2,409,943; Oct. 22.
Venetian blind holder. G. W. Foose. 2,398,524; Apr. 16.
Venetian blind rail and tape fastener. B. B. Junkunc. 2,391,904; Jan. 1.
Vent, Fuel tank. W. B. O'Neal. 2,403,749; July 9.
Vent system, self-locking. P. H. Valentyne. 2,404,765; July 23.
Ventilated spectacle frame. C. E. Morley and H. S. Davis. 2,394,799; Feb. 12.
Ventilating apparatus. W. C. Pross. 2,399,384; Apr. 30.
Ventilating apparatus. L. J. Shumaker. 2,406,168; Aug. 20.
Ventilating attachment for welders' helmets. W. D. O'Quinn. 2,409,641; Oct. 22.
Ventilating system, Crankcase. E. McCormick. 2,410,514; Nov. 5.
Ventilation, Synchronous-converter. C. Lynn. 2,399,366; Apr. 30.
Ventilation system, Ambulance. E. L. Schofield. 2,398,894; Apr. 23.
Ventilation system and apparatus, Crankcase. D. G. Roos. 2,407,178; Sept. 3.
Ventilator. G. B. Brown and E. M. Jenkins. 2,401,902; June 11.
Ventilator. W. W. Hargrett. 2,403,596; July 9.
Ventilator. G. C. Hoch. 2,404,961; July 30.
Ventilator. H. Knutson. 2,410,950; Nov. 12.
Ventilator. C. N. O'Day. 2,396,746; Mar. 19.
Ventilator, Flush. F. N. Nelson. 2,397,684; Apr. 2.
Ventilator for raincoats and the like. M. A. Chavannes. 2,400,627; May 21.
Ventilator for ship portholes, Special louver-type. A. P. and H. Fischer. 2,395,619; Feb. 26.
Ventilator, Lavatory. L. N. Harbeke. 2,396,371; Mar. 12.
Ventilator, Passenger body. M. G. Mann. 2,397,282; Mar. 26.
Ventilator, Stationary. E. M. Jenkins. 2,392,742; Jan. 8.
Ventilator unit. A. K. Gaylord. 2,392,038; Jan. 1.
Ventilator, Window. R. Amiot. 2,398,762; Apr. 23.
Ventilator, Window. W. V. Barrowclough. 2,398,914; Apr. 23.
Venting means. E. O. Wirth. 2,406,120; Aug. 20.
Vermiculite, Bonding. H. T. Bellamy. 2,397,083; Mar. 26.
Vernier height gauge. C. N. Barlow. 2,394,137; Feb. 5.
Vertical angles, Instrument for measuring. R. O. Burgess. 2,401,609; June 4.
Vertical jack. H. E. Page. 2,400,316; May 14.
Vertical mill. E. G. Eppenbach and H. Imshang. 2,403,914; July 16.
Vertical mixer. T. Jensen. 2,404,380; July 23.
Vessel and handling same. A. M. McDougall. 2,406,236; Aug. 20.
Vessel, Pressure. J. W. Overbeke. 2,401,791; June 11.
Vessel, Pressure. A. T. Thompson. 2,412,434; Dec. 10.
Vessel, Storage. H. C. Boardman. 2,393,964; Feb. 5.
Vessels, Automatic steering of marine. W. M. Nye. 2,401,771; June 11.
Veterinary compositions. A. L. Flenner and C. A. Litzler. 2,407,456; Sept. 10.
Vibratable objects, Testing for imperfections in. F. W. Williams and J. Clark. 2,412,240; Dec. 10.
Vibrating and jogging machine for sheet stock. G. F. Brisendine. 2,396,822; Mar. 19.
Vibrating mechanism, Screen. E. B. Cook. 2,403,502; July 9.
Vibration absorber, Torsional. A. R. Holowenko. 2,411,373; Nov. 19.
Vibration-absorbing pad. R. D. Wilkins. 2,395,949; Mar. 5.
Vibration absorbing support. C. Hussman. 2,408,856; Oct. 8.
Vibration absorption support. C. S. Robinson. 2,394,106; Feb. 5.
Vibration apparatus. C. Leavell and J. A. Wheeler. 2,400,650; May 21.
Vibration dampening means. G. B. Du Bois, B. L. Madden, and F. C. Meyer. 2,396,363; Mar. 12.
Vibration detector. R. Black, Jr. 2,410,805; Nov. 12.
Vibration preventing syphon tube support. A. W. Uhl. 2,410,763; Nov. 5.
Vibrationproof coupling. P. D. Wurzburger. 2,394,351; Feb. 5.
Vibrato producing means for musical instruments. E. F. Gerlat. 2,412,212; Dec. 10.

Vibrator. H. Benioff. 2,402,593; June 25.
Vibrator. C. Huetten. 2,402,815; June 25.
Vibrator. R. H. Whitehead. 2,406,730; Aug. 27.
Vibrator and heater, Valve. R. De O. McDill. 2,400,158; May 14.
Vibrator circuit. C. Huetten. 2,410,974; Nov. 12.
Vibrator, Electromagnetic. W. S. Simmie. 2,405,761; Aug. 13.
Vibrator, High frequency. E. E. Turner, Jr. 2,402,697; June 25.
Vibrator, Piezoelectric. H. Benioff. 2,405,186; Aug. 6.
Vibratory device, Polyphase. J. S. Arnold. 2,401,600; June 4.
Vibratory feeder. C. J. Johnson. 2,394,914; Feb. 12.
Vibratory motor. E. S. Tolmie. 2,396,397; Mar. 12.
Vibrograph. F. C. Rushing, H. C. Werner, and B. Cancelli. 2,393,669; Jan. 15.
Vibrometer. D. E. Gillum and C. J. Gallant. 2,408,392; Oct. 1.
Viewer for optical instruments. G. E. Burton. 2,401,224; May 28.
Viewer, Stereoscopic. R. H. Varian. 2,408,115; Sept. 24.
Viewing and illuminating device, Optical. A. A. Gradisar and G. E. Guellich. 2,406,538; Aug. 27.
Viewing device. R. V. Beshgetoor. 2,404,943; July 30.
Viewing device, Film. C. J. Eckert. 2,410,722; Nov. 5.
Vinegar, Making high strength. F. C. Silbernagel. 2,396,510; Feb. 26.
Vinyl-acetate polymers, Aqueous dispersions. J. E. Smith and W. A. Drummond. 2,413,197; Dec. 24.
Vinyl aromatic compounds, Polymerization of. R. B. Seymour. 2,408,690; Oct. 1.
Vinyl chloride-fumaric ester copolymer, Modified. H. J. Richter. 2,395,581; Feb. 26.
Vinyl chloride, Manufacture of. H. M. Stanley. 2,407,039; Sept. 3.
Vinyl chloride, Production of. J. F. Weller. 2,412,308; Dec. 10.
Vinyl compounds, Copolymerization of. E. C. Britton and W. J. Le Fevre. 2,407,946; Sept. 17.
Vinyl compounds, Inhibiting polymerization of. J. R. Durland. 2,402,806; June 25.
Vinyl compounds, Polymerizing. W. D. Wolfe. 2,393,007; Jan. 15.
Vinyl compounds, Stabilization of. J. R. Durland. 2,410,408; Nov. 5.
Vinyl cyanide, Production of. H. D. Green and D. S. Taylor. 2,413,496; Dec. 31.
Vinyl cyanide, Production of. C. R. Harris. 2,410,820; Nov. 12.
Vinyl cyanide, Production of. C. R. Harris. 2,413,623; Dec. 31.
Vinyl ester co-polymerization products. C. A. Thomas. 2,406,717; Aug. 27.
Vinyl esters. R. B. Seymour. 2,404,929; July 30.
Vinyl ether polymers, Stabilization of. C. E. Schildknecht. 2,395,684; Feb. 26.
Vinyl halide resins, Color stabilization of. F. W. Cox and J. M. Wallace, Jr. 2,410,775; Nov. 5.
Vinyl halides, Heat polymerization of. F. K. Schoenfeld. 2,395,344; Feb. 19.
Vinylidene chloride polymer extrusion. R. M. Wiley. 2,409,521; Oct. 15.
Vinylite sheeting, Wettable coating for. G. P. Waugh and W. O. Kenyon. 2,412,699; Dec. 17.
Vinyl n-butyl ether, Manufacture of. W. J. R. Evans. 2,406,674; Aug. 27.
Vinyl polymers. H. W. Arnold, M. M. Brubaker, and G. L. Dorough. 2,404,781; July 30.
Vinyl polymers. D. D. Coffman and F. C. McGrew. 2,404,791; July 30.
Vinyl resin articles, Antistatic treatment of. W. N. Stoops and A. L. Wilson. 2,403,960; July 16.
Vinyl resin coating composition. G. M. Powell, III. 2,411,590; Nov. 26.
Vinyl resin dispersion, Liquid. G. P. Mack. 2,399,684; May 7.
Viscose, Manufacture of threads, filaments, and the like from. D. S. Dawson. 2,393,595; Jan. 29.
Viscosimeter. R. N. Griesheimer. 2,392,662; Jan. 8.
Viscous materials, Apparatus for the movement of. J. M. Perlmat. 2,399,249; Apr. 30.
Vise. S. W. Jordan. 2,398,941; Apr. 23.
Vise. G. J. Meyer. 2,407,341; Sept. 10.
Vise, Combined drill and mill. J. M. Downing. 2,402,537; June 25.
Vise, Drilling. J. F. Anderson. 2,407,769; Sept. 17.
Vise lock. R. O. Heinrich. 2,392,820; Jan. 15.
Vise, Pipe. H. G. Butt. 2,405,288; Aug. 6.
Vise, Pipe. S. J. Rutka. 2,398,332; Apr. 9.
Vise, Pneumatic hydraulic. F. W. Kent. 2,402,411; June 18.
Vise, Quick acting. T. Gorzelany. 2,401,066; May 28.
Vise structure. A. J. Matter. 2,394,709; Feb. 12.
Vision devices, Periscopic. R. M. Eckerman and C. E. Fisher. 2,400,401; May 14.
Visor. P. T. Simmons. 2,400,958; May 28.
Visual aid device for relative movement. D. Immerman. 2,406,149; May 14.
Visual position and phase sense indicator. J. E. Shepherd and J. D. Mallett. 2,406,858; Sept. 3.
Vitamin A activity and new vitaminous products, Preparing substances having. N. D. Embree and E. M. Shantz. 2,410,575; Nov. 5.
Vitamin A and vitamin A-containing material, Stabilization of. J. Korner and H. P. Loomis. 2,394,456; Feb. 5.
Vitamin B_6, Synthesis of. S. A. Harris. 2,399,347; Apr. 30.
Vitamin B_6, Synthesis of. L. J. Szabo. 2,410,531; Nov. 5.
Vitamin-bearing materials, Treating fat-soluble. L. O. Buxton. 2,396,679; Mar. 19.
Vitamin carrying mediums in food products, Proportioning. A. C. Richardson. 2,395,067; Feb. 19.
Vitamin concentrates, Producing. L. O. Buxton. 2,412,766; Dec. 17.
Vitamin concentration. L. J. Van Orden. 2,394,968; Feb. 12.
Vitamin containing products, Stable. L. O. Buxton and H. J. Konen. 2,401,293; June 4.
Vitamin D, Production of. J. Waddell and W. W. Woessner. 2,410,254; Oct. 29.
Vitamin fractionation, Fat-soluble. L. O. Buxton. 2,404,618; July 23.
Vitamin intermediate, Preparation of. E. J. Lawson and H. C. Parke. 2,399,362; Apr. 30.
Vitamin products, Antianemia. J. J. Pfiffner, S. B. Binkley, E. S. Bloom, and A. D. Emmett. 2,407,096; Sept. 3.
Vitamins, Concentration of fat-soluble. L. O. Buxton. 2,412,561; Dec. 17.
Vitamins, Concentration of fat-soluble. E. M. Shantz. 2,410,590; Nov. 5.
Vitamins of the type B_1, Preparation of. R. König, A. Gerecs, and Z. Földi. 2,393,109; Jan. 15.
Vitreous composition. A. J. Deyrup. 2,413,549; Dec. 31.
Vitreous compositions. G. Buechner. 2,405,011; July 30.
Volatile ester of hydroxy carbolic acids, Manufacturing. E. M. Filachione and C. H. Fisher. 2,405,646; Aug. 13.
Voltage comparison apparatus. M. H. Schrenk and G. C. Schleter. 2,395,912; Mar. 5.
Voltage doubler. W. W. Garstang. 2,392,472; Jan. 8.
Voltage doubler and timer circuit. T. B. Perkins. 2,409,583; Oct. 15.
Voltage measuring device for power transformers. P. Waldvogel. 2,396,764; Mar. 19.
Voltage regulated rectifying system. J. A. Potter. 2,413,033; Dec. 24.
Voltage regulation. W. H. Bixby. 2,409,610; Oct. 22.
Voltage regulator. W. R. Carter. 2,412,124; Dec. 3.
Voltage regulator. K. J. Stiefel. 2,399,266; Apr. 30.
Voltage regulator. D. E. Trucksess. 2,392,434; Jan. 8.
Voltage-regulator system, Quick acting. E. L. Harder. 2,393,044; Jan. 15.
Voltages, particularly for automatic volume control, Amplifying arrangement. C. T. Scully. 2,400,956; May 28.
Voltmeter. P. D. Zottu. 2,412,191; Dec. 3.
Voting machine. A. N. Gustavson. 2,407,831; Sept. 17.
Voting machines. A. N. Gustavson. 2,407,981; Sept. 24.
Vulcanizable composition. H. S. Rothrock and W. H. Wood. 2,397,372; Mar. 26.
Vulcanization apparatus. C. M. Semler. 2,411,558; Nov. 26.
Vulcanizer. P. Schmid and H. Hylton. 2,404,980; July 30.
Vulcanizer. E. J. von der Heide. 2,405,077; July 30.
Vulcanizer, Tire casing. H. V. James. 2,406,498; Aug. 27.
Vulcanizing machine. F. R. Britt. 2,397,404; Mar. 26.
Vulcanizing mold and operation. W. E. Humphrey. 2,404,636; July 23.
Vulcanizing unit. C. D. Davidson. 2,406,455; Aug. 27.
Wagon, Bale loading and unloading. A. Voth. 2,405,534; Aug. 6.
Wagon body, Grain housing. J. L. Ricketts. 2,411,050; Nov. 12.
Wagon body, Metal. W. D. Johnson. 2,405,358; Aug. 6.
Waistband for garments, Adjustable. I. Lyons. 2,393,392; Jan. 22.
Walk, Railway car roof. G. G. Gilpin. 2,404,284; July 16.
Walking aid. L. Vrooman and S. Smalley. 2,413,202; Dec. 24.
Walking apparatus for excavators. T. C. Mullins. 2,399,375; Apr. 30.
Walking device. K. F. Hahn. 2,392,735; Jan. 8.
Walking iron. E. D. Green. 2,401,068; May 28.
Wallboard construction, Prefabricated. B. J. Bartholomew. 2,399,978; May 7.
Wallboard package and holder. A. B. Bicknell. 2,393,514; Jan. 22.
Wall, Railway car. J. S. Swann. 2,403,467; July 9.
Wall, Retaining. L. Cardwell. 2,405,289; Aug. 6.
Wall construction. K. W. Benham. 2,397,940; Apr. 9.
Wall construction. M. T. Straight. 2,411,477; Nov. 19.
Wall construction, Coke-oven. W. C. Rueckel. 2,393,658; Jan. 29.
Wall, Container. W. O. Manor. 2,411,580; Nov. 26.
Wall covering. A. W. Herbes. 2,394,379; Feb. 5.
Wall covering and the like. L. W. Staunton, J. W. Close, and R. A. Hess. 2,397,817; Apr. 2.
Wall for railway hopper cars, Side. G. G. Gilpin. 2,412,807; Dec. 17.

Wall, Furnace. G. A. Rehm. 2,393,707; Jan. 29.
Wall hook and socket, Combination. C. P. Young. 2,394,832; Feb. 12.
Wall plug. M. D. Gibson. 2,396,501; Mar. 12.
Wall structure for buildings and the like. A. L. Jackson. 2,412,404; Dec. 10.
Wall unit, Concrete piling. A. L. Hood. 2,400,694; May 21.
Walls and ceilings of buildings. H. N. Cartwright, J. G. Davies, and R. H. Patterson. 2,403,580; July 9.
Walls, Constructing. P. J. O'Connor. 2,404,396; July 23.
Walls, Form for the erection of rammed earth. B. C. Stevenson. 2,400,852; May 21.
Walls, Re-siding. A. W. Herbes. 2,394,380; Feb. 5.
Wallet. E. F. Miller. 2,402,764; June 25.
Wallet. S. Wetterhahn. 2,397,393; Mar. 26.
Wallet or purse. N. W. Post. 2,407,964; Sept. 17.
Wand. J. W. Petrie. 2,407,723; Sept. 17.
War fuel vehicle tank. B. Walker. 2,412,019; Dec. 3.
Wardrobe, Bed. L. T. Jeary. 2,402,286; June 18.
Warm air furnace. G. E. Mumma. 2,408,991; Oct. 8.
Warming pad. K. L. Woodman. 2,392,712; Jan. 8.
Warning device for typewriters. H. S. Slocum. 2,402,936; June 25.
Warning device, Stall. R. H. Upson. 2,406,719; Aug. 27.
Warning signal. W. R. Corey. 2,409,018; Oct. 8.
Warp beam. S. N. McCaslin. 2,394,463; Feb. 5.
Warp-knitting machine. A. F. Fiorentino. 2,395,807; Mar. 5.
Warp-knitting machine. C. A. Hepp. 2,397,663; Apr. 2.
Warping and beaming machine. F. Lambach. 2,398,232; Apr. 9.
Warps, Method of and apparatus for use in preparing weaming. J. Bolton. 2,406,988; Sept. 3.
Washfountain, Foot controlled. H. G. Mullett and E. D. Wachter, Jr. 2,398,149; Apr. 9.
Wash-over, outside cutter. K. E. Waggener. 2,398,981; Apr. 23.
Washover overshot. C. C. Brown and F. L. Scott, Jr. 2,398,515; Apr. 16.
Wash pad manufacture. C. E. Zimmerman. 2,394,419; Feb. 5.
Washer: *See*—
Sanitary pipe washer. Vegetable washer.
Tumbler washer.
Washer and the like, Retaining. W. H. J. Brock. 2,401,856; June 11.
Washer and the like, Retaining. S. A. Stolberg. 2,411,761; Nov. 26.
Washer, Home spinach. E. A. Hornberger. 2,399,926; May 7.
Washer, Lock. L. E. Zerbe. 2,392,714; Jan. 8.
Washer, Pulp. H. M. Barnett and R. C. Mosher. 2,408,191; Sept. 24.
Washing apparatus. F. Breckenridge and L. R. Boyd. 2,412,078; Dec. 3.
Washing apparatus. W. A. Johnston. 2,412,270; Dec. 10.
Washing device. L. Y. Booharin. 2,395,094; Feb. 19.
Washing machine. A. M. Dinetz. 2,403,348; July 2.
Washing machine. H. Gaudet. 2,392,911; Jan. 15.
Washing machine. G. C. Graham. 2,407,660; Sept. 17.
Washing machine. J. P. Jorgenson and A. G. Kling. 2,397,268; Mar. 26.
Washing machine. A. L. Kimball. 2,406,226; Aug. 20.
Washing machine. H. C. A. Meyer. 2,404,450; July 23.
Washing machine. A. J. Patch. 2,403,233; July 2.
Washing machine, Clothes. L. J. Gottschalk. 2,411,654; Nov. 26.
Washing machine, Continuous. A. A. Locke and R. F. Ternes. 2,401,947; June 11.
Washing machine for window blinds. O. F. French. 2,410,934; Nov. 12.
Watch. L. H. Brown. 2,395,843; Mar. 5.
Watch box pad. S. Filer. 2,405,880; Aug. 13.
Watch bracelet link, Adjustable. L. Karasik. 2,412,812; Dec. 17.
Watchcase. O. Gruber. 2,398,423; Apr. 16.
Watchcase. W. Schmitz. 2,399,832; May 7.
Watchcase tool. L. A. Cormier. 2,408,737; Oct. 8.
Watch crown, Adjustable watertight and dusttight. W. Feurer. 2,405,928; Aug. 13.
Watchmaker's tool. F. Seder. 2,400,264; May 14.
Watch setting and starting device. J. C. Burgbacher. 2,394,746; Feb. 12.
Watch strap, Anchor. S. Mars. 2,411,446; Nov. 19.
Watch strap with watch retaining loop. M. E. Westerman. 2,395,771; Feb. 26.
Water and gas proof separable fastener. J. M. Summers. 2,395,605; Feb. 26.
Water and other liquids from yeast suspension, Extracting or expelling. S. O. Rosenqvist. 2,397,436; Mar. 26.
Water comprising the steps of passing a variable flow of relatively alkaline water upwardly through a bed of organic hydrogen-zeolite and augmenting said flow by hydrogen-zeolite treated water, Method and apparatus for treating. J. J. Felsecker. 2,412,328; Dec. 10.
Water, Conditioning boiler feed. H. M. Wall. 2,393,079; Jan. 15.
Water control for toilet tanks. B. Svirsky. 2,412,760; Dec. 17.
Water-cooled ammunition rack. J. H. Davis, R. W. Matthews, and N. G. McLean. 2,406,809; Sept. 3.
Water-cooled furnace door. T. J. Peters. 2,395,757; Feb. 26.
Water correction devices, Making self-energizing electrolytic. E. M. Butler. 2,397,918; Apr. 9.
Watercraft. W. A. Randall. 2,400,782; May 21.
Watercraft and the like, Propulsion and stabilization of. H. M. Dobbins. 2,408,412; Oct. 1.
Water for boiler feed, Treatment of. C. E. Kaufman. 2,395,331; Feb. 19.
Water from atmospheric air, Extracting. B. Granville. 2,409,624; Oct. 22.
Water heater. C. Z. Alexander. 2,411,675; Nov. 26.
Water heater. F. X. Atzberger. 2,396,810; Mar. 19.
Water heater. H. B. Babson and C. A. Thomas. 2,408,403; Oct. 1.
Water heater. A. H. Haberstump. 2,401,151; May 28.
Water heater. H. W. Miller. 2,404,860; July 30.
Water heater. W. J. O'Brien. 2,410,904; Nov. 12
Water heater and boiler. B. I. J. Stamm. 2,408,820; Oct. 8.
Water heater control system. C. M. Osterheld. 2,392,177; Jan. 1.
Water heater control system with thermal retarder. C. M. Osterheld. 2,400,596; May 21.
Water-heating apparatus. H. Knapp. 2,402,899; June 25.
Water heating installation. J. L. Bieler. 2,396,634; Mar. 19.
Water heating system. C. M. Osterheld. 2,397,039; Mar. 19.
Water jackets for engine cylinders, Treating. W. H. Graves. 2,397,481; Apr. 2.
Waterproof electric switch. J. C. Stearns. 2,400,849; May 21.
Waterproofing composition. A. B. Quick. 2,396,342; Mar. 12.
Water purification. W. W. Durant and W. A. Blann. 2,404,367; July 23.
Water purification and filtration unit, Portable. J. B. Levy. 2,404,967; July 30.
Water-repellent materials, Production of. F. J. Norton. 2,412,470; Dec. 10.
Water resistant watchcase. H. E. Vermot. 2,392,787; Jan. 8.
Water separator. A. J. Granberg. 2,401,067; May 28.
Water softening material and preparing same. S. Dahlrode. 2,391,951; Jan. 1
Water-soluble alkyl lactates, Preparing. S. M. Weisberg, E. G. Stimpson, J. Greenspan, and D. F. Othmer. 2,406,648; Aug. 27.
Water stop device for electrical cables. E. A. Johnson and R. MacHenry. 2,396,702; Mar. 19.
Waterstop expansion joint. A. C. Fischer. 2,400,493; May 21.
Water system for paper wrapping machine. F. D. De Traglia. 2,392,583; Jan. 8.
Water-treating composition. F. E. Hubbard and C. R. McCullough. 2,396,918; Mar. 19.
Water treating device, Automatic. L. G. Daniels. 2,407,538; Sept. 10.
Water treatment and composition. C. S. King. 2,395,126; Feb. 19.
Water treatment device. F. W. Whitlock. 2,405,479; Aug. 6.
Water, Treatment of boiler. H. C. Farmer and S. T. Powell. 2,395,260; Feb. 19.
Watering device. J. C. Oldfield. 2,413,647; Dec. 31.
Watering device for fowl. A. P. Ball. 2,407,216; Sept. 10.
Wave conversion. H. Tunick. 2,406,932; Sept. 3.
Wave directional, prismatic, and focusing system, Compressional. W. P. Mason. 2,406,391; Aug. 27.
Wave expansion, Oscilloscope. J. L. Theisen. 2,399,955; May 7.
Wave filter. F. R. Bies. 2,406,796; Sept. 3.
Wave generator. G. Hecht and A. A. Lundstrom. 2,391,967; Jan. 1.
Wave guide structure. L. Tonks. 2,409,913; Oct. 22.
Wave impulse generator. S. Hansen. 2,394,055; Feb. 5.
Wave impulse generator. C. V. Litton. 2,410,087; Oct. 29.
Wave indicator for radio frequency transmission lines, Standing. D. W. Peterson. 2,400,597; May 21.
Wave length modulation. R. W. Clark and F. J. Somers. 2,394,427; Feb. 5.
Wavelength modulation. G. L. Usselman. 2,409,457; Oct. 15.
Wave propagation. L. Tonks and Le R. Apker. 2,407,911; Sept. 17.
Wave reproducing system, Angle modulated. C. M. Sinnett. 2,412,015; Dec. 3.
Wave shaping circuit. R. C. Sanders, Jr. 2,403,616; July 9.
Wave-signal receiver, Pulse-modulated. D. B. Hoisington. 2,410,736; Nov. 5.
Wave signal system, Carrier. A. L. Matte. 2,408,794; Oct. 8.
Wave stabilizer. B. Dysart. 2,391,954; Jan. 1.
Wave translating system. R. K. Potter. 2,395,758; Feb. 26.
Wave translation. L. Y. Lacy. 2,403,986; July 16.

Wave transmitting and receiving apparatus, Compressional. L. Batchelder. 2,408,404; Oct. 1.
Waves and curles, Producing. L. B. Andrew. 2,397,397; Mar. 26.
Wax composition. H. H. Young and D. Rubinstein. 2,394,833; Feb. 12.
Wax composition and preparing the same. M. Berliner, G. A. Bowden, and J. T. Hohnstine. 2,401,217; May 28.
Wax composition, Synthetic. M. M. Sprung. 2,408,700; Oct. 1.
Wax composition, Synthetic. A. F. Winslow. 2,399,085; Apr. 23.
Wax compositions. W. S. Tyler. 2,399,521; Apr. 30.
Wax compositions, Polishing. D. Aelony. 2,404,896; July 30.
Wax-free pyrethrin solutions. J. D. Park and W. W. Rhodes. 2,410,101; Oct. 29.
Waxlike compounds. L. A. Stegemeyer. 2,393,202; Jan. 15.
Wax modifying agents, Production of. L. A. Mikeska. 2,393,181; Jan. 15.
Wax-oil mixtures, Treatment of. A. H. Gebauer. 2,404,977; Oct. 8.
Wax sweating, Controlling. S. W. Ferris. 2,406,210; Aug. 20.
Waxer and polisher, Manual floor. A. Corrêa. 2,410,634; Nov. 5.
Waxes. L. Auer. 2,406,336; Aug. 27.
Waxes and greases, Artificial. S. L. Scott. 2,407,181; Sept. 3.
Waxes, Refining. R. A. Macke and H. J. Zoeller. 2,397,969; Apr. 9.
Waxing machine. S. C. Rieke. 2,408,812; Oct. 8.
Waxing machine, Bag. E. F. Anderson. 2,405,391; Aug. 6.
Waxy stocks, Treating. B. F. Wingrove. 2,411,492; Nov. 19.
Weapon. H. B. Freeman. 2,397,958; Apr. 9.
Wear compensating brake mechanism. C. A. Sawtelle. 2,411,639; Nov. 26.
Wear test machine. D. H. Kallas, A. W. Cizek, Jr., and H. Nestler. 2,412,221; Dec. 10.
Weaving apparatus. J. E. Arena. 2,411,512; Nov. 26.
Weaving apparatus. A. Martin. 2,392,489; Jan. 8.
Weaving apparatus. S. P. Parker. 2,412,353; Dec. 10.
Web-feeding device. C. E. Wyrick. 2,411,075; Nov. 12.
Web of stretchable material and bag made therefrom. W. W. Rowe. 2,405,521; Aug. 6.
Web-registering device. W. H. Wells and J. J. Root. 2,400,447; May 14.
Web splicing apparatus. O. C. Roesen. 2,413,581; Dec. 31.
Webbing Ladder. G. F. French. 2,408,839; Oct. 8.
Webs, Coating. S. Bergstein. 2,408,504; Oct. 1.
Wedge, Self-locking. J. A. Jones. 2,407,427; Sept. 10.
Weed burner. W. C. Prewitt. 2,409,792; Oct. 22.
Weeder. G. C. Stith. 2,398,474; Apr. 16.
Weeder, Rotary rod. J. F. Mintken. 2,398,385; Apr. 16.
Weeds, Killing methods and composition for. F. D. Jones. 2,412,510; Dec. 10.
Weeds, Methods and compositions for killing. F. D. Jones. 2,394,916; Feb. 12.
Weft replenishing looms, Geared thread holder for. E. A. Santon. 2,401,968; June 11.
Weigher, Net and gross. E. W. Vredenburg. 2,402,217; June 18.
Weighing and dispensing apparatus. R. E. Williams and L. J. Nowak, Jr. 2,406,934; Sept. 3.
Weighing apparatus. W. Honegger. 2,395,784; Feb. 26.
Weighing apparatus embodying a totalizing mechanism, Automatic. A. E. Page. 2,406,897; Sept. 3.
Weighing device. G. L. Guthrie. 2,396,916; Mar. 19.
Weighing device, Load. W. H. Bruns. 2,411,023; Nov. 12.
Weighing machine. F. S. Saunders. 2,392,702; Jan. 8.
Weighing machine control. J. W. Drinnon. 2,398,887; Apr. 23.
Weighing mechanism, Multisteelyard. R. T. Bell. 2,400,972; May 28.
Weight adjustment, Bathroom scale. J. C. Sutton. 2,407,619; Aug. 13.
Weight and balance indicator. P. A. Piper. 2,409,310; Oct. 15.
Weight compensating apparatus for weighing scales, Tare. R. T. Pounds. 2,407,513; Sept. 10.
Weight, Horn. F. Romain. 2,408,956; Oct. 8.
Weight indicator. D. R. Moore. 2,393,053; Jan. 15.
Weight measuring device, Length in terms of. L. M. Williams. 2,399,528; Apr. 30.
Weight Terminal. W. M. Foz. 2,407,682; Sept. 17.
Weighting apparatus for textile drafting mechanisms. L. M. Cotchett. 2,409,255; Oct. 15.
Weights for centrifugal governors, Making. H. R. Ricardo. 2,392,266; Jan. 1.
Welded connector. M. H. Johnson. 2,395,373; Feb. 19.
Welder. G. J. Frischmann and C. F. Brunner. 2,396,002; Mar. 5.
Welder handle. W. C. Anthony. 2,397,519; Apr. 2.
Welder, High-frequency arc. C. P. Nielson. 2,395,062; Feb. 19.
Welder, Portable spot. R. E. Adams. 2,402,004; June 11.
Welder's electrode holder. R. H. Buck. 2,400,285; May 14.
Welding. P. Ffield. 2,402,031; June 11.
Welding. W. G. Martin. 2,399,815; May 7.
Welding. S. M. Norwood. 2,405,666; Aug. 13.
Welding and apparatus therefor. I. M. Diller. 2,402,381; June 18.
Welding apparatus. R. C. Cunningham. 2,412,080; Dec. 3.
Welding apparatus. C. D. Howard. 2,403,221; July 2.
Welding apparatus. A. C. McCann and T. E. Walsh. 2,394,626; Feb. 12.
Welding apparatus. H. I. Morris. 2,395,059; Feb. 19.
Welding apparatus. J. U. Ridder. 2,400,889; May 28.
Welding apparatus. G. G. Somerville. 2,393,198–9; Jan. 15.
Welding apparatus, Electric. D. C. Maytag. 2,405,510; Aug. 6.
Welding apparatus, Electric resistance. H. H. Hansen. 2,404,632; July 23.
Welding apparatus, Remote control for. E. S. Hebeler. 2,400,992; May 28.
Welding apparatus, Resistance. F. B. Hunter and J. C. Arnold. 2,397,263; Mar. 26.
Welding, Arc. R. E. Kinkead. 2,402,165; June 18.
Welding current, Control of. R. L. Ringer, Jr. 2,392,101; Jan. 1.
Welding device. G. M. Whitmore. 2,412,022; Dec. 3.
Welding, Electric. W. C. Heath. 2,401,243; May 28.
Welding, Electric. E. B. Scherl. 2,405,673; Aug. 13.
Welding, Electric flash. W. C. Heath. 2,403,076; July 2.
Welding, Electric flash. J. McG. Sinclair. 2,399,453; Apr. 30.
Welding electric holder. E. Brazitis. 2,412,492; Dec. 10.
Welding, Electric resistance. T. E. Murray, G. H. Phelps, and G. Frischmann. 2,403,229; July 2.
Welding, Electric underwater. P. Pellion. 2,408,175; Sept. 24.
Welding electrode holder. E. Brazitis. 2,393,742; Jan. 29.
Welding electrode holder. R. L. Townsend. 2,401,523; June 4.
Welding electrodes and the like, Actuating system for. M. M. Seeloff. 2,392,296; Jan. 1.
Welding, Fusion. F. A. Wassell. 2,405,542; Aug. 6.
Welding head, Multielectrode. E. A. Clapp and L. V. Spangberg. 2,401,722; June 11.
Welding machine. R. J. Kieffer. 2,406,694; Aug. 27.
Welding machine. J. B. Little. 2,409,636; Oct. 22.
Welding machine, Butt. O. G. Lilja. 2,401,359; June 4.
Welding machine, Flash. J. B. Tiedemann. 2,413,663; Dec. 31.
Welding machine, Stud. T. Nelson. 2,413,189; Dec. 24.
Welding material and process. C. A. Cadwell. 2,408,291; Sept. 24.
Welding mechanism. A. L. Munson. 2,407,676; Sept. 17.
Welding method. W. G. Dow, H. C. Early and H. J. Gomberg. 2,400,921; May 28.
Welding method. G. A. Hughes. 2,403,438; July 9.
Welding method and apparatus. E. A. Chmielewski. 2,395,723; Feb. 26.
Welding pressure controlling apparatus. H. H. Hansen. 2,412,044; Dec. 3.
Welding process and apparatus, Pressure. A. R. Lytle and W. Morton. 2,392,824; Jan. 15.
Welding, Resistance. A. Vanz. 2,401,528; June 4.
Welding ring. R. H. von Ahrens. Re. 22,725; Feb. 19.
Welding rod. R. L. Morrison. 2,400,249; May 14.
Welding rod holder. G. A. Combridge. 2,405,406; Aug. 6.
Welding rod holder. R. K. Morse. 2,395,343; Feb. 19.
Welding rod holder. L. L. Turner. 2,395,358; Feb. 19.
Welding, Stud. J. C. Beckett. 2,405,177; Aug. 6.
Welding, Stud for. T. Nelson. 2,402,659; June 25.
Welding system. D. Packard and N. E. Porter. 2,412,745; Dec. 17.
Welding tool. E. J. Allen. 2,400,903; May 28.
Welding tool. J. U. Garibay. 2,411,652; Nov. 26.
Welding tube. R. H. Hobrock. 2,398,937; Apr. 23.
Well casing. E. C. Wright. 2,402,862; June 25.
Well choke, Oil. E. G. Schick. 2,401,665; June 4.
Well deflecting tool. F. C. Carpenter. 2,402,238; June 18.
Well drilling machine. T. H. Berry. 2,398,512; Apr. 16.
Well explosive device. J. L. Foster. 2,408,419; Oct. 1.
Well flowing apparatus. J. O. Lewis. 2,403,987; July 16.
Well logging. G. S. Bays. 2,392,357; Jan. 8.
Well logging. A. Frosch. 2,412,575; Dec. 17.
Well logging. D. Silverman. 2,412,363; Dec. 10.
Well logging apparatus. R. L. Doan. 2,404,622; July 23.
Well pipe screwing device. F. S. Crane. 2,412,875; Dec. 17.
Well pump. W. T. Smith. 2,404,930; July 30.
Well screen. S. M. Akeyson and W. L. Stockham. 2,401,035; May 28.
Well screens, Constructing. C. E. Records. 2,392,263; Jan. 1.
Well sounding apparatus. A. Wolf and L. G. Cowles. 2,411,311; Nov. 19.
Well survey apparatus. J. T. Hayward and E. H. Cooley. 2,396,420; Mar. 12.
Well surveying. B. Pontecorvo. 2,398,324; Apr. 9.
Well surveying instrument. G. A. Smith. 2,413,006; Dec. 24.
Well tester. L. E. Brown and O. W. Williams. 2,404,825; July 30.
Well tool. D. B. Hooser. 2,392,244; Jan. 1.

Well tool. R. G. Taylor, Jr. 2,401,119; May 28.
Wells, Completion of. O. D. Harper. 2,407,983; Sept. 24.
Wells, Flowing. O. E. Dempsey. 2,396,162; Mar. 5.
Wells, Flowing. H. C. Otis. 2,393,404; Jan. 22.
Wells, Logging. W. E. Winn and P. F. Dougherty. 2,408,964–5; Oct. 8.
Wells, Means for flowing. W. E. Halbert. 2,398,527; Apr. 16.
Wells, Method and apparatus for electrically logging. C. E. Archie. 2,400,678; May 21.
Wells, Method of and apparatus for determining the formation in. G. H. Ennis. 2,397,255; Mar. 26.
Wells, System and apparatus for flowing. J. D. Nixon. 2,405,323–4; Aug. 6.
Welt and making the same. E. R. Ouimet. 2,403,750; July 9.
Welt cementing and applying machine. J. R. Oliver. 2,392,941; Jan. 15.
Welt for use in stitchdown shoes. W. C. Wright. 2,399,086; Apr. 23.
Welt turning attachment. A. Hofmann, D. G. Trutner, and F. M. Wachtler. 2,396,263; Mar. 12.
Welting, Laminated. W. C. Vizard. 2,403,694; July 9.
Welting, Preformed. W. C. Vizard. 2,403,773; July 9.
Wheel: *See*—
Abrading wheel.
Aircraft landing wheel.
Antifriction drive wheel.
Balance wheel.
Cultivator wheel.
Curtain traverse wheel.
Expansible wheel.
Fan wheel.
Ornamental skate wheel.
Resilient car wheel.
Resilient mechanical wheel.
Resilient vehicle wheel.
Resilient wheel.
Reversible wheel.
Roller skate wheel.
Self-cooling wheel.
Steering wheel.
Thin abrasive wheel.
Traction and load supporting wheel.
Tractor or traction wheel.
Turbine wheel.
Vehicle wheel.
Wheel. C. S. Ash. 2,397,719; Apr. 2.
Wheel. F. W. Burger. 2,403,634; July 9.
Wheel. C. Hollerith. 2,405,954; Aug. 20.
Wheel. J. M. MacLean. 2,409,052; Oct. 8.
Wheel. D. W. Voorhees. 2,403,146; July 2.
Wheel alignment gauge. J. L. Creagmile. 2,410,339; Oct. 29.
Wheel alignment testing apparatus and testing vehicle wheel alignment, Vehicle. E. D. Wilkerson. 2,401,715; June 4.
Wheel and cement therefor, Polishing. H. R. Nelson. 2,408,946; Oct. 8.
Wheel and making same, Laminated wood. D. M. Pope and T. F. Spackman. 2,394,477; Feb. 5.
Wheel and motor suspension, especially for automobiles. T. Ulrich. 2,403,145; July 2.
Wheel and rim organization. C. L. Eksergian. 2,410,573; Nov. 5.
Wheel arrangement, Guide. H. Kornblutt. 2,404,383; July 23.
Wheel assembly, Dual. C. S. Ash. 2,392,627; Jan. 8.
Wheel assembly for airplanes, Tail. R. D. Ledwin. 2,396,277; Mar. 12.
Wheel attachment. R. M. Greenleaf and J. L. Hunt. 2,402,041; June 11.
Wheel attachment, Tractor. C. A. Breeze. 2,409,246; Oct. 15.
Wheel barrow. T. J. Pinion and E. A. Hardin. 2,393,807; Jan. 29.
Wheelbarrow, Ski-equipped. J. Hnat. 2,398,142; Apr. 9.
Wheel brake. E. S. MacPherson. 2,408,938; Oct. 8.
Wheel brakes, Self-adjusting mechanism for hydraulic. A. G. Taylor. 2,404,326; July 16.
Wheel construction. F. C. Frank. 2,406,068; Aug. 20.
Wheel construction. G. A. Lyon. 2,406,390; Aug. 27.
Wheel dressing attachment, Grinder. F. C. Wallace. 2,401,572; June 4.
Wheel dressing device, Grinding. G. Helding. 2,392,668; Jan. 8.
Wheel dressing device, Precision grinding. L. Nachemov. 2,411,223; Nov. 19.
Wheel drive mechanism, Dual. F. M. Lewis. 2,397,673; Apr. 2.
Wheel equipment. H. J. Butler. 2,394,290; Feb. 5.
Wheel for vehicle. G. A. Bennett. 2,404,269; July 16.
Wheel mechanism for tractors, Fifth. C. E. Pollard. 2,407,447; Sept. 10.
Wheel mechanism, Motor vehicle. F. M. Lewis. 2,401,488; June 4.
Wheel mount, Detachable. T. S. Scribner. 2,397,296; Mar. 26.
Wheel rim and pneumatic tire, Combined. H. M. Godsey. 2,410,209; Oct. 29.
Wheel spindle reciprocating mechanism, Grinding. H. A. Silven. 2,409,450; Oct. 15.
Wheel steering means for wagons and the like. R. N. Thorn. 2,412,927; Dec. 17.
Wheel structure. C. Hollerith. 2,407,423; Sept. 10.
Wheel structure. G. A. Lyon. 2,397,024; Mar. 19.
Wheel structure. G. A. Lyon. 2,404,388-9-0; July 23.
Wheel structure. G. A. Lyon. 2,405,389–90; Aug. 6.
Wheel structure. G. A. Lyon. 2,405,585–7; Aug. 13.
Wheel structure. G. A. Lyon. 2,407,669; Sept. 17.
Wheel structure. G. A. Lyon. 2,410,174; Oct. 29.
Wheel structure. G. A. Lyon. 2,411,164; Nov. 19.
Wheel structure. G. A. Lyon. 2,411,928; Dec. 3.
Wheel structure. G. A. Lyon. 2,413,328; Dec. 31.
Wheel suspension for vehicles, Multiple. G. V. Pearson. 2,395,640; Feb. 26.
Wheeled carrier. S. Sochaczewski. 2,412,697; Dec. 17.
Wheeled toy vehicle. N. Kingson. 2,401,937; June 11.
Wheel trim, Making. G. A. Lyon. 2,413,329; Dec. 31.
Wheel truing mechanism, Grinding. L. M. Davis. 2,406,357; Aug. 27.
Wheel unit, Automatic dirigible tandem. D. Mettetal, Jr. 2,409,507; Oct. 15.
Wheeled vehicle. W. J. Hale. 2,403,217; July 2.
Wheeled vehicle. L. B. Neighbour and F. A. Thomann. 2,397,429; Mar. 26.
Wheels, Apparatus for checking gear. G. Freeman. 2,398,139; Apr. 9.
Wheels, Bushings for polishing. J. J. Manderscheid. 2,403,813; July 9.
Wheels, Making abrasive. A. J. Bevillard. 2,405,086; July 30.
Wheels, Making dished disk. D. R. Cornell. 2,406,062; Aug. 20.
Wheels, Making rubber. J. B. Bennett and J. J. McCarter. 2,400,973; May 28.
Wheels, Mounting device for dual. H. G. Mosher. 2,404,520; July 23.
Whip, Producing. A. S. Miner. 2,412,629; Dec. 17.
Whip, Wire. T. Jensen. 2,397,011; Mar. 19.
Whistling toy. H. Zimmerman. 2,393,445; Jan. 22.
Wicket, Conveyer. G. J. Dawn. 2,406,000; Aug. 20.
Wide range flow meter. S. Elowson. 2,400,108; May 14.
Wig. J. B. Robinson. 2,393,064; Jan. 15.
Wig construction. H. J. Lamoureux. 2,405,791; Aug. 13.
Winch. G. H. Esch. 2,404,368; July 23.
Winch. A. A. Johnson. 2,412,776; Dec. 17.
Winch brake. J. E. Lill. 2,397,186; Mar. 26.
Winch for towing and the like. A. A. Johnson. 2,411,094; Nov. 12.
Winch unit, Mobile. J. C. Jaques. 2,411,626; Nov. 26.
Windmill. C. F. Terhune. 2,406,268; Aug. 20.
Windmill, Folding tail vane. S. F. Czerner. 2,407,816; Sept. 17.
Windshield cleaner. E. C. Horton. 2,392,670; Jan. 8.
Windshield cleaner motor. F. G. and W. M. Folberth. 2,397,599; Apr. 2.
Windshield for motorcycles and the like. B. G. Hanson. 2,411,131; Nov. 12.
Windshield, Motorcycle. A. T. Comiskey, Sr. 2,396,493; Mar. 12.
Windshield wiper. D. Collins. 2,392,230; Jan. 1.
Windshield wiper, Electric. J. B. Whitted. 2,412,850; Dec. 17.
Windshield wiper, Motor. T. J. Scofield. 2,399,833; May 7.
Windshield wiper system. J. W. Anderson. 2,407,215; Sept. 10.
Winder, Cord. A. H. Beede. 2,393,511; Jan. 22.
Winder, Cord. L. P. Borkoski. 2,393,138; Jan. 15.
Winder drive. R. Tyler. 2,398,265; Apr. 9.
Winding apparatus. T. E. Carlson. 2,403,908; July 16.
Winding apparatus, Coil. E. D. Boyce. 2,406,130; Aug. 20.
Winding device. W. G. Knapp. 2,409,942; Oct. 22.
Winding for electric apparatus and making same, Coil. A. T. Sinks. 2,405,457; Aug. 6.
Winding machine. E. J. Abbott, W. L. Perry, and J. E. Bing. 2,395,028; Feb. 19.
Winding machine. H. W. Doughty, Jr. 2,402,739; June 25.
Winding machine. W. V. Jacobson. 2,405,215; Aug. 6.
Winding machine. A. Lodge. 2,395,890; Mar. 5.
Winding machine. R. G. McCoy. 2,393,548; Jan. 22.
Winding machine. A. H. Muller. 2,406,846; Sept. 3.
Winding machine. W. Schweiter. 2,401,516; June 4.
Winding machine, Automatic. C. C. Westergaard. 2,403,147; July 2.
Winding machine control. J. L. Hall and A. M. Santolla. 2,404,838; July 30.
Winding machine, Plate. H. W. Seher. 2,406,968; Sept. 3.
Winding machine, Wire. D. B. Parkinson. 2,406,397; Aug. 27.
Winding machine, Yarn. L. M. Cotchett. 2,408,185; Sept. 24.
Winding machine, Yarn. L. M. Cotchett, L. Campbell, and F. F. Stange. 2,407,366; Sept. 10.
Winding mechanism. R. T. McCarthy. 2,403,538; July 9.
Winding mechanism for timepieces, Automatic. F. Matter. 2,399,131; Apr. 23.
Winding mechanism, Roll-film. D. G. Hunter. 2,404,291; July 16.
Winding reel. W. Schroeder. 2,394,504–5; Feb. 5.
Winding reel. A. B. Wilson. 2,394,503; Feb. 5.
Window. G. R. Carl. 2,394,982; Feb. 19.
Window. R. L. Geer and L. A. Melkus. 2,398,100; Apr. 23.
Window. M. D. Orlin. 2,394,870; Feb. 12.
Window arrangement and sash lifting mechanism. E. H. Piron. 2,399,940; May 7.
Window blind fixture. P. O. Perry. 2,392,337; Jan. 8.
Window brake. J. Bilan. 2,397,462; Apr. 2.
Window channel. R. C. Bascom. 2,412,796; Dec. 17.

Window, Combination storm. C. Rick. 2,397,807; Apr. 2.
Window, Combination storm and screen. E. W. Backman. 2,398,511; Apr. 16.
Window construction. S. E. Blessin. 2,397,721; Apr. 2.
Window construction. R. Dawes. 2,408,739; Oct. 8.
Window construction. D. T. Downes. 2,403,661; July 2.
Window construction. C. N. Homan. 2,411,727; Nov. 26.
Window construction. J. A. Loetscher. 2,392,678; Jan. 8.
Window construction. L. Schepmoes. 2,395,073; Feb. 19.
Window construction. J. Sperling. 2,403,246; July 2.
Window construction. B. J. Triller. 2,403,565; July 9.
Window construction, Bus or car. J. Schunk. 2,409,709-10; Oct. 22.
Window construction, especially for rail cars. J. Ledwinka and G. Trautvetter. 2,407,086; Sept. 3.
Window construction, Storm. O. L. Dautrick. 2,402,242; June 18.
Window, Double sash. D. Seltzman. 2,406,513; Aug. 27.
Window fastener. B. A. Quinn. 2,402,772; June 25.
Window fixture means, Multiple purpose. A. A. Pinto. 2,412,959; Dec. 3.
Window frame parting stop. H. G. Womack. 2,412,189-90; Dec. 3.
Window glass. T. S. Gerspacher. 2,398,371; Apr. 16.
Window installation, Combined storm and screen. J. W. Geis. 2,402,112; June 11.
Window jack. F. J. Cantrell. 2,405,685; Aug. 13.
Window lock. T. Hannon. 2,392,475; Jan. 8.
Window or screen, Sliding. J. I. Zitrin. 2,392,715; Jan. 8.
Window or the like for canvas coverings. A. H. Benson. 2,391,871; Jan. 1.
Window pivoted on horizontal pivots, Double. S. E. Lidin. 2,398,017; Apr. 9.
Window regulator. J. H. Roethel. 2,409,068; Oct. 8.
Window regulator. J. H. Roethel. 2,410,363; Oct. 29.
Window run. G. T. Baife. 2,398,400; Apr. 16.
Window sash, Combination. H. A. Kammerer. 2,395,742; Feb. 26.
Window stop. W. H. Kissel. 2,407,837; Sept. 17.
Window, Storm. A. N. Weller. 2,405,248; Aug. 6.
Window structure. O. L. and S. J. Dautrick. 2,397,090; Mar. 26.
Window structure. W. Kummerow. 2,404,075; July 16.
Window, Ventilated. O. Kubatzky. 2,404,807; July 30.
Windpower. A. W. Oehler. 2,398,389; Apr. 16.
Windpower. P. R. Schroeppel. 2,410,904; Nov. 12.
Winery slops, Treatment of. E. C. Patee. 2,404,398; July 23.
Wing. E. A. Stalker. 2,406,917-18; Sept. 3.
Wing. E. A. Stalker. 2,406,920; Sept. 3.
Wing. E. A. Stalker. 2,406,922; Sept. 3.
Wing, Airplane rotary. G. A. Geddes. 2,402,957; July 2.
Wing construction, Airplane. E. F. Zap. 2,405,726; Aug. 13.
Wing construction, Variable. E. F. Zap. 2,404,895; July 30.
Wing, Flow. H. Allen and R. N. Bean. 2,407,050; Sept. 3.
Wing folding means. P. F. Rossmann. 2,392,506; Jan. 8.
Wing for garment sleeves, Button. C. Solomon. 2,410,188; Oct. 29.
Wing lift modification. A. Gouge. 2,404,956; July 30.
Wing or fin with improved airfoil characteristics, Airplane. V. A. Cosler. 2,400,918; May 28.
Wing, Slotted airplane. G. P. Rogers. 2,406,475; Aug. 27.
Wing structure, Aircraft. W. J. Cooley. 2,402,733; June 25.
Wing structure and making the same, Airplane. A. A. Gastner. 2,394,162; Feb. 5.
Wing, Variable camber. J. Fresco. 2,410,056; Oct. 29.
Wing with flap enclosing a blower means. E. A. Stalker. 2,407,185; Sept. 3.
Wings and other aerodynamic bodies. E. A. Stalker. 2,406,916; Sept. 3.
Wiper, Automatic window. C. H. Bramhall. 2,393,605; Jan. 29.
Wiper blade connector. T. J. Smulski. 2,399,390; Apr. 30.
Wiper, Drill pipe. J. E. Hall. 2,392,146; Jan. 1.
Wiper, Windshield. M. T. Flaxman. 2,392,982; Jan. 15.
Wiper, Windshield. T. J. Smulski. 2,405,910; Aug. 13.
Wire and cable, Insulated. G. W. Brown. 2,409,539; Oct. 15.
Wire and valve attachment, Accordion finger. E. C. Osenberg. 2,402,912; June 25.
Wire brush holder. F. Fogliasso. 2,392,909; Jan. 15.
Wire coiling machine. H. Nigro. 2,393,804; Jan. 29.
Wire coiling machine. H. W. Welch. 2,398,900; Apr. 23.
Wire connector. J. Pavelka. 2,398,504; Apr. 16.
Wire connector. O. H. Wisegarver. 2,393,083; Jan. 15.
Wire drawing die. D. H. G. Scrantom. 2,394,720; Feb. 12.
Wire drawing method. F. C. Elder and A. W. Harris. 2,413,220; Dec. 24.
Wire enameling die. R. M. Kolter. 2,407,337 Sept. 10.
Wire fasteners, Method and apparatus for manufacturing. C. B. Schwartz. 2,411,813; Nov. 26.
Wire finishing apparatus. J. H. Hoern. 2,394,381; Feb. 5.
Wire garment hanger making machine. W. A. Scroggs. 2,413,196; Dec. 24.
Wire hook. I. Del Bagno. 2,411,318; Nov. 19.
Wire, Improving the ductility of high-carbon-steel tempered. H. J. Elmendorf. 2,394,434; Feb. 5.
Wire, Method of and apparatus for tensioning. J. M. Crom. Re. 22,762; June 4.
Wire, Nondeteriorating rubber insulated. D. J. Miller. 2,411,284; Nov. 19.
Wire or conduit clip. E. M. Morehouse. 2,408,572; Oct. 1.
Wire passing device, Sweep. K. H. Wilcoxon. 2,409,233; Oct. 15.
Wirepuller for conduits. K. O. Krummel. 2,394,313; Feb. 5.
Wire reinforced fabric. A. E. Brickman. 2,408,368; Oct. 1.
Wire rope twister. A. C. Abrahamsen. 2,412,795; Dec. 17.
Wire stranding machine. A. E. Winslow. 2,400,323; May 14.
Wire stripping machine. R. Gordon. 2,401,149; May 28.
Wire structure, Making barbed. A. E. Brickman. 2,392,223; Jan. 1.
Wire supporting clip. A. Robertson. 2,397,291; Mar. 26.
Wire-transposing device. R. Case. 2,406,663; Aug. 27.
Wire twisting tool. M. A. Palola. 2,399,139; Apr. 23.
Wiring device. G. B. Benander. 2,411,018; Nov. 12.
Wood and the like, Machine for working. O. Langfelder. 2,401,002; May 28.
Wood bending apparatus. O. G. Catron. 2,399,427; Apr. 30.
Wood bleach and making same. G. H. Miller. 2,397,193; Mar. 26.
Wood filler, Gasoline-resistant. T. M. Finley. 2,410,645; Nov. 5.
Wood preservatives. B. O. Hilger. 2,408,978; Oct. 8.
Wood, Treatment of. H. M. Kvalnes. 2,398,649; Apr. 16.
Wood, Treatment of. H. M. Kvalnes. 2,402,331; June 18.
Wood, Treatment of. J. C. Woodhouse and C. D. Bell. 2,395,311; Feb. 19.
Wooden articles of circular cross section and varying diameter and the resulting article. C. B. Lundstrom. 2,412,523; Dec. 10.
Wooden plug. N. T. MacKenzie. 2,392,751; Jan. 8.
Wool, Chemically modified. D. M. McQueen. 2,406,958; Sept. 3.
Wool clip. E. M. Kellas. 2,411,657; Nov. 26.
Wool fibers, Treatment of. J. B. Speakman and T. Barr. 2,406,412; Aug. 27.
Wool from mixed wool-cellulose acetate textiles, Recovery of. G. W. Seymour and G. C. Ward. 2,393,712; Jan. 29.
Wool in pellet form, Producing mineral. E. F. Cusick. 2,394,155; Feb. 5.
Wool scouring process and compositions. S. T. Woodside. 2,395,085; Feb. 19.
Wool, Stabilizing. E. C. Pfeffer, Jr., and W. Kitaj. 2,395,791; Feb. 26.
Wool, Treatment of. A. J. Hall and F. C. Wood. 2,401,479; June 4.
Workbox. H. M. Segur. 2,401,667; June 4.
Work carrier. D. Tilton. 2,397,300; Mar. 26.
Work clamp. O. W. Anderson. 2,395,242; Feb. 19.
Work driving dog. E. C. Ventres. 2,407,908; Sept. 17.
Work feeding device. T. E. Mead. 2,398,659; Apr. 16.
Work gauge and receiver. J. Cafagno. 2,392,363; Jan. 8.
Work gripping device. F. H. Bogart. 2,399,622; May 7.
Work-guiding mechanism for sewing machines. W. Myers. 2,406,623; Aug. 27.
Work handling apparatus. H. E. Somes. 2,396,614; Mar. 12.
Work handling mechanism. F. Gardner and C. M. Bagshaw. 2,395,112; Feb. 19.
Work handling mechanism. H. C. Pierle. 2,392,186; Jan. 1.
Work holder. F. S. Grylewicz, J. C. Hannon, and D. V Witsaman. 2,394,376; Feb. 5.
Work holder. J. T. Obecny. 2,400,314; May 14.
Work holder. F. E. Pilling. 2,393,806; Jan. 29.
Work holding device. T. E. Mead. 2,398,658; Apr. 16.
Work-holding unit, Tiltable rotary power-driven. H. A. Skilton. 2,408,231; Sept. 24.
Work illuminating tool. B. Blauvelt. 2,408,601; Oct. 1.
Workpiece holder. F. H. Hadley. 2,411,790; Nov. 26.
Work stand. W. B. Zern. 2,400,862; May 21.
Work straightening press. O. L. Duble. 2,396,496; Mar. 12.
Work support. D. W. Grazier. 2,402,324; June 18.
Work support. E. Sirp. 2,409,160; Oct. 8.
Working and cultivating machine, Earth. H. D. May. 2,405,796; Aug. 13.
Worm adjusting double warp hose clamp. V. E. Sprouse. 2,408,347; Sept. 24.
Worm drive, Antifriction. H. S. Hoffar. 2,404,378; July 23.
Worsted roving, Manufacture of. R. J. de Lathauwer. 2,410,029; Oct. 29.
Woven fabric. W. Williamson. 2,398,484; Apr. 16.
Woven resistance unit. L. Spraragen. 2,412,843; Dec. 17.
Wrap mechanism. O. Fregeolle. 2,411,719; Nov. 26.

Wrapper, etc., Antifungus. G. C. Borden, Jr., and K. R. Karlson. 2,406,990; Sept. 3.
Wrapper, Infant's M. Asher. 2,399,782; May 7.
Wrapper, Packing. G. W. Boh. 2,408,159; Sept. 24.
Wrapper preparing mechanism for cigar machines. H. H. Wheeler. 2,405,867; Aug. 13.
Wrapping and sealing. K. E. Bemis. 2,395,531; Feb. 26.
Wrapping articles, Method and apparatus for. W. S. Cloud. 2,403,482; July 9.
Wrapping machine. C. J. Malhiot. 2,397,190; Mar. 26.
Wrapping machine. C. J. Malhiot. 2,407,313; Sept. 10.
Wrapping wire reinforcing retainer lock. J. R. Connelly and S. W. Fish. 2,406,354; Aug. 27.
Wrench: *See*—
Accessory to turnbuckle wrench.
Bloom wrench.
Drain cock wrench.
Hydraulic torque wrench.
Impact wrench.
Irrigating valve wrench.
Jeweler's wrench.
Open end ratchet wrench.
Pipe wrench.
Plier wrench.
Torque wrench.
Turnbuckle wrench.
Wrench. O. H. Adams. 2,397,770; Apr. 2.
Wrench. W. C. Biles. 2,395,988; Mar. 5.
Wrench. W. H. Boyles. 2,403,258; July 2.
Wrench. C. W. Brown. 2,397,239; Mar. 26.
Wrench. J. R. Donahoe. 2,395,805; Mar. 5.
Wrench. W. E. Drake. 2,397,729; Apr. 2.
Wrench. W. C. Fagel. 2,395,541; Feb. 26.
Wrench. R. E. Gearhart. 2,407,546-7; Sept. 10.
Wrench. S. Helgeson. 2,409,627; Oct. 22.
Wrench. C. L. Rich. 2,410,392; Oct. 29.
Wrench. F. H. Rohr. 2,394,808; Feb. 12.
Wrench. F. A. Snell. 2,399,454; Apr. 30.
Wrench. C. B. Stair. 2,405,462; Aug. 6.
Wrench. W. E. Williams. 2,402,477; June 18.
Wrench holder. W. C. Brooks. 2,409,613; Oct. 22.
Wringer. D. K. Ferris. 2,407,922; Sept. 17.
Wringer. G. H. Jantz. 2,406,951; Sept. 3.
Wringer. O. E. Johnson. 2,405,832; Aug. 13.
Wringer. R. W. Shield. 2,409,595; Oct. 15.
Wringer, Clothes. A. P. Barcus. 2,406,788; Sept. 3.
Wringer, Pivotal frame. N. L. Etten. 2,406,066; Aug. 20.
Wringer, Rinse. A. Schellenberg. 2,403,128; July 2.
Wringer, Rinse. A. Schellenberg. 2,406,108-9; Aug. 20.
Wrinkle finish. W. A. Waldie. 2,392,346; Jan. 8.
Wrinkle finish composition. W. A. Waldie. 2,394,498; Feb. 5.
Wrinkle finish, Modified. W. A. Waldie. 2,394,500; Feb. 5.
Wrinkle finish, Modified linseed oil. W. A. Waldie. 2,407,623; Sept. 10.
Wrist band, Step adjustable. A. MacLachlan. 2,412,164; Dec. 3.
Writing device. M. Berliner. 2,404,563; July 23.
Writing instrument. L. J. Biro. 2,397,229; Mar. 26.
Writing instrument. G. H. van Spankeren. 2,405,381; Aug. 6.
Writing machine. W. E. McFarland. 2,399,369; Apr. 30.
Writing machine. W. E. McFarland. 2,400,764; May 21.
Writing machine attachment. J. T. Davidson. 2,392,838; Jan. 15.
Writing outfit. A. S. Quan. 2,395,760; Feb. 26.
Writing pad. E. Schaller. 2,403,197; July 2.
X-ray apparatus. W. Watson. 2,412,662; Dec. 17.
X-ray film packet holder and angle indicator. M. Vlock. 2,392,109; Jan. 1.
X-ray inspection of bodies. F. M. Zapp. 2,396,069; Mar. 5.
X-ray tube. A. Verhoeff. 2,407,857; Sept. 17.
Xanthates of hydrolyzed interpolymers. W. H. Sharkey. 2,396,210; Mar. 5.
X-Y-recorder. G. Keinath. 2,400,828; May 21.
Xylene and toluene and other light coal tar oils, Production of. S. A. Ashmore and E. E. Penny. 2,395,161; Feb. 19.
Xylenes, Recovery of. R. B. Greenburg. 2,405,300; Aug. 6.
Xylenes, Separation of. P. J. Cole. 2,393,888; Jan. 29.
Yard refuse collector. C. L. McCaffrey. 2,409,778; Oct. 22.
Yarn and producing same, Artificial. B. L. Hathorne and R. W. Seem. 2,411,132; Nov. 12.
Yarn, Asbestos. J. A. Truitt. 2,401,389; June 4.
Yarn carrier with replaceable yarn guide eyelet. H. Staub. 2,403,310; July 2.
Yarn control. A. N. Cloutier. 2,400,628; May 21.
Yarn feeding device. E. St. Pierre. 2,399,403; Apr. 30.
Yarn, Forming fur filled. F. Sonin and M. H. Siegel. 2,411,559; Nov. 26.
Yarn, Manufacture of. M. Hain. 2,398,000; Apr. 9.
Yarn, Manufacture of synthetic. H. O. Naumann. 2,410,673; Nov. 5.
Yarn, Paper. K. Hamilton. 2,407,926; Sept. 17.
Yarn processing, Method and apparatus for. F. R. Millhiser. 2,395,136; Feb. 19.
Yarn producing apparatus. M. Ottomano. 2,406,626; Aug. 27.
Yarn production. A. J. Signoret. 2,406,642; Aug. 27.
Yarn production, High twist artificial. E. A. Robinson and A. De Castro. 2,403,304; July 2.
Yarns, Production of high twist artificial. L. E. Rossiter and R. M. Beach. 2,403,305; July 2.
Yarn, Stretching of artificial. T. G. Finzel. 2,394,540; Feb. 12.
Yarn tension device, Adjustable. H. O. Naumann. 2,397,153; Mar. 26.
Yarn, Thermal stretching of cellulose derivative. R. F. Conaway. 2,395,396; Feb. 26.
Yarn winding apparatus. P. J. Thomas. 2,395,521; Feb. 26.
Yarn winding machine. L. M. Cotchett. 2,395,462-4; Feb. 26.
Yarn winding machine. L. M. Cotchett, L. Campbell, F. F. Stange, and A. W. Arterton. 2,395,465; Feb. 26.
Yarns, Process and apparatus for sizing. J. A. Clark. 2,402,653; June 25.
Yarns, Sizing warp. D. M. Martin. 2,402,652; June 25.
Yeast, Culture of. E. W. Eweson. 2,401,819; June 11.
Yeast to enhance vitamin potency thereof, Treatment of. B. Maizel. 2,411,445; Nov. 19.
Zein products, Modified. C. D. Evans. 2,402,128; June 18.
Zinc article and making same, Coated. R. R. Tanner. 2,412,543; Dec. 10.
Zinc base alloy containing copper and beryllium and heat-treating the same. R. H. Harrington. 2,412,045; Dec. 3.
Zinc borate, Manufacture of. A. J. Myhren and E. W. Nelson. 2,405,366; Aug. 6.
Zinc, Electrodeposition of. A. G. Gray. 2,407,489; Sept. 10.
Zinc, Electrodeposition of bright. J. L. Bray and R. E. Howard. 2,393,741; Jan. 29.
Zinc, Electroplating. R. H. Burns. 2,393,517; Jan. 22.
Zinc from chloride solutions, Recovering. N. C. Christensen. 2,402,371; June 18.
Zinc mercaptide-amino-thiazoline reaction product. R. A. Mathes. 2,407,565; Sept. 10.
Zinc mercaptides with alkylene imines, Addition products of heterocyclic. P. C. Jones and R. A. Mathes. 2,409,685; Oct. 22.
Zinc salts of aryl mercaptans, Preparing. J. J. Verbanc. 2,413,531; Dec. 31.
Zinc yellow, Producing. E. A. Wilson and W. D. Newman. 2,410,916; Nov. 12.
Zincated alkalies, Manufacture of. W. F. Wegst, L. R. Bacon, and R. McNabney. 2,403,157; July 2.
Zinciferous lead, Refining. W. W. Shropshire. 2,411,940; Dec. 3.
Zirconium hydride, Production of. L. W. Davis. 2,411,524; Nov. 26.
Zirconium oxide, Preparing. J. B. Miller. 2,392,605; Jan. 8.

LIST OF DESIGN INVENTIONS

Actuator for movable parts of an airplane or the like, Motor driven. C. F. Hilgeman. 145,522; Sept. 3.
Advertising device or similar article. E. H. Gallinagh. 145,869; Nov. 5.
Aircraft, Rotary wing. J. S. Pecker and A. E. Larsen. 143,504; Jan. 8.
Aircraft, Rotative winged. P. H. Stanley. 144,081; Mar. 5.
Airplane. P. Altman. 144,018–20; Mar. 5.
Airplane. D. A. Beck and E. A. Eddy. 144,021; Mar. 5.
Airplane. T. C. Bennett, M. Morton, and F. M. Gloeckler. 145,417; Aug. 20.
Airplane. H. L. Bowers. 143,706–7; Feb. 5.
Airplane. H. L. Bowers. 146,072; Dec. 17.
Airplane. H. L. Bowers and H. M. Poyer. 144,024; Mar. 5.
Airplane. H. L. Bowers and R. A. Wolf. 144,023; Mar. 5.
Airplane. H. L. Bowers and R. A. Wolf. 144,025–8; Mar. 5.
Airplane. H. L. Bowers and R. A. Wolf. 144,686; May 14.
Airplane. E. F. Burton. 143,791; Feb. 12.
Airplane. E. F. Burton. 145,774; Oct. 22.
Airplane. B. G. Carlson. 145,880; Nov. 12.
Airplane. J. J. Dickson and R. W. Huzzard. 145,929; Nov. 19.
Airplane. B. G. Eaton, Jr. 144,107; Mar. 12.
Airplane. R. E. Gross. 143,969; Feb. 26.
Airplane. R. F. Hall and E. P. Rhodes. 143,729–32; Feb. 5.
Airplane. E. H. Heinemann and L. J. Devlin. 144,713–14; May 14.
Airplane. H. L. Hibbard and C. L. Johnson. 143,820; Feb. 12.
Airplane. W. A. Hite, R. E. Harvuot, and D. H. Williams. 144,109–13; Mar. 12.
Airplane. W. C. Jamouneau. 145,446; Aug. 20.
Airplane. V. S. Jensen. 145,086; June 25.
Airplane. C. L. Johnson. 143,822; Feb. 12.
Airplane. A. Kartveli. 145,898; Nov. 12.
Airplane. A. Kartveli and M. Berkow. 144,058; Mar. 5.
Airplane. J. A. Kerr and J. A. Mattison. 145,449; Aug. 20.
Airplane. C. A. Neumann and H. H. Baca. 145,904–7; Nov. 12.
Airplane. J. K. Northrop. 143,847–64; Feb. 12.
Airplane. J. K. Northrop. 143,866–74; Feb. 12.
Airplane. J. K. Northrop, W. J. Cerny, F. J. Baum, and A. M. Schwartz. 144,211; Mar. 19.
Airplane. J. K. Northrop and W. R. Sears. 143,865; Feb. 12.
Airplane. N. G. Pappas. 145,226; July 16.
Airplane. K. Perkins. 144,132; Mar. 12.
Airplane. H. M. Poyer. 144,933; June 4.
Airplane. E. P. Rhodes. 143,758; Feb. 5.
Airplane. E. P. Rhodes and R. F. Hall. 143,759; Feb. 5.
Airplane. K. R. Riegel. 145,145; July 2.
Airplane. R. J. Sandstrom. 145,909; Nov. 12.
Airplane. E. Schmued. 144,936–8; June 4.
Airplane. C. W. Scott. 144,143–4; Mar. 12.
Airplane. R. C. Sebold. 145,680; Oct. 1.
Airplane. H. A. Sutton. 143,511; Jan. 8.
Airplane. E. R. Thompson. 145,545; Sept. 3.
Airplane. J. W. Thorpe. 144,006; Feb. 26.
Airplane. W. Tydon and L. E. Parmely. 144,146; Mar. 12.
Airplane. O. Whitworth. 144,879; May 28.
Airplane. R. J. Woods. 146,162; Dec. 31.
Airplane. D. M. Zabiak. 145,916; Nov. 12.
Airplane, Amphibian. L. F. Beard. 144,677; May 14.
Airplane hangar. A. E. Bausenbach. 143,639; Jan. 29.
Airplane or similar article. J. Paglia. 144,067; Mar. 5.
Alarm box, Fire. E. A. Brass. 145,472; Aug. 27.
Alarm device or similar article. C. E. Custard. 144,697; May 14.
Album. G. A. Dohm. 144,843; May 28.
Altar or similar article. L. D. Cherneff. 145,995; Dec. 3.
Amusement apparatus. J. H. C. Motley. 145,099; June 25.
Animal figure. W. W. Rodgers. 145,701; Oct. 8.
Animal figure, Fluffed yarn. V. J. and J. M. Kritski. 145,834; Sept. 24.
Antenna. G. H. Brown. 145,116; July 2.
Applicator and holder, Combined lipstick. I. B. Kaltenbach. 144,506; Apr. 23.
Applicator or similar article, Medicine. R. S. Anderson. 144,280; Apr. 2.
Applique or similar article, Embroidered. H. Kaufman. 144,387–9; Apr. 9.
Apron. H. Pons. 145,327; July 30.
Arbor and bookend, Combination. R. Randolph. 145,953; Nov. 19

Arm attachment for a gauge. P. P. Polloway. 146,120; Dec. 31.
Armchair. F. T. Paden. 144,065; Mar. 5.
Arm for phonographis, Tone. W. Miller. 144,726; May 14.
Ash tray. L. Lomasney. 145,739; Oct. 15.
Ash tray. M. Milliman. 143,746; Feb. 5.
Ash tray. F. A. Peden. 144,632; May 7.
Ash tray and humidor, Combined. H. O. Cornwall. 145,007; June 18.
Ash tray and incense burner, Combined. C. E. Meinecke. 143,927; Feb. 19.
Ash tray, Illuminated. K. I. Schouten. 143,761; Feb. 5.
Ash tray, Luminous. J. Ross. 145,876; Nov. 5.
Ash tray or like article. F. H. Fisher. 144,361; Apr. 9.
Ash tray or similar article. H. Calilloux. 144,236; Mar. 26.
Ash tray or similar article. M. M. Newman. 144,410; Apr. 9.
Ash tray or the like. E. Leeberg. 143,835; Feb. 12.
Atomizer. F. A. Vuillemenot. 143,566; Jan. 15.
Attachment for tractors, Power-lift. W. W. Simmonds. 144,738; May 14.
Automobile. W. Reed. 145,984; Nov. 26.
Badge or like article. M. G. Garrett and R. B. J. Biggins. 144,501; Apr. 23.
Badge or similar article. E. N. Lindblad. 143,605; Jan. 22.
Bag, Herb. J. E. Vivaudou. 143,773; Feb. 5.
Bag, Lady's. C. S. Menor. 144,510; Apr. 23.
Bag unit, Herb. J. E. Vivaudou. 144,746; May 14.
Bag, Vacuum cleaner. S. Gasner. 143,421; Jan. 1.
Ball, Rolling clown. L. Z. Plebanek. 145,875; Nov. 5.
Band or similar article, Watch. J. Evans. 144,293; Apr. 2.
Bandeau. C. Knudsen. 143,493; Jan. 8.
Bandeau, Hair. D. Baxter. 143,702; Feb. 5.
Bank, Coin. M. Glassman. 144,617–18; May 7.
Bank, Coin. R. V. Moran. 145,096–7; June 25.
Bar, Oil. F. L. Ayres. 144,829; May 28.
Bar or similar article, Portable. S. N. Erickson. 143,414; Jan. 1.
Bar or similar article, Portable. C. H. Hasche. 145,521; Sept. 3.
Bar, Portable. W. P. Hopkins. 143,491; Jan. 8.
Bar, Portable. E. T. Johnson. 144,568; Apr. 30.
Bar, Soft drink. A. A. Paley. 144,931; June 4.
Barbecue. H. M. Talley. 144,431; Apr. 9.
Barbecue, Portable. J. H. Moore. 144,573; Apr. 30.
Barrette, Two-piece hair. S. Behr. 144,284; Apr. 2.
Base and standard or similar article, Combined lamp. J. H. Steinberg. 144,270; Mar. 26.
Base for band saws. W. Lasar. 144,394; Apr. 9.
Base or the like, Radio chassis blank. I. Korrol. 144,858; May 28.
Bath, Baby. P. W. Douglas. 143,715; Feb. 5.
Bathroom unit. D. T. Houpt. 144,790; May 21.
Bathstand and utility cabinet, Combined nursery. R. L. Aulf. 144,671; May 14.
Bathtub. W. B. Green. 145,211; July 16.
Bathtub. J. Stanitz. 143,766–8; Feb. 5.
Bathtub. J. Stanitz. 144,428–9; Apr. 9.
Bib, Baby. E. C. Weideman. 143,888; Feb. 12.
Bib, Child's. M. M. Cameron. 143,793–4; Feb. 12.
Bib, Child's. M. M. Cameron. 145,006; June 18.
Bib, Child's. M. M. Cameron. 145,061–5; June 25.
Bib, Infant's. E. Contrisciani. 143,405–6; Jan. 1.
Billfold or similar article, Back for. M. Marcus. 143,608; Jan. 22.
Binoculars. M. N. Fairbank and H. A. Marsh. 143,913; Feb. 19.
Bird house. C. W. Whitney. 143,455; Jan. 1.
Blank or similar article, Calendar. C. R. Doherty. 144,842; May 28.
Block, Plastic. J. Goldberg. 145,936; Nov. 19.
Blouse or similar article. S. Freilich. 145,888; Nov. 12.
Blouse or the like. R. Lash. 144,252; Mar. 26.
Blouse, Reversible. V. McKelvey. 143,925–6; Feb. 19.
Board, Cribbage. R. T. Rycroft. 144,417; Apr. 9.
Board, Game. E. E. Kloss. 144,571; Apr. 30.
Board, Game. L. Ornstein. 143,440; Jan. 1.
Board, Game. W. J. Rogers. 143,443; Jan. 1.
Board, Game. J. Scarne. 144,589; Apr. 30.
Board, Game. G. O. Zimmerman. 144,602; Apr. 30.
Board, Surf. L. S. Howland. 145,083; June 25.
Boat. L. Consiglio. 145,884; Nov. 12.
Body, Automobile. H. P. Post and L. C. McMullen. 145,534; Sept. 3.
Body or the like, Cab. R. L. Allen. 145,414; Aug. 20.
Body or the like, Cab. R. L. Allen and J. P. Gardner. 144,872; May 14.
Body, Trailer. H. E. Weissberg. 144,748; May 14.
Boiler. W. B. Green. 145,078; June 25.

Boiler. P. Schladermundt. 145,106; June 25.
Boiler or furnace, Jacket for. P. Schladermundt. 145,107; June 25.
Bomb sight. R. M. Lynn. 144,508; Apr. 23.
Bookcase and desk, Combination. Y. W. Rogers. 145,104; June 25.
Bookcase or similar article. M. S. Karp. 143,427; Jan. 1.
Book end. A. Bach. 144,347; Apr. 9.
Book end. F. H. Fisher. 144,366–70; Apr. 9.
Book end. V. F. Le Verne. 145,900; Nov. 12.
Bookmark. W. W. Heil. 144,564; Apr. 30.
Bookmark, Clip. E. L. Woodley. 145,705–6; Oct. 8.
Boot. C. J. Roos. 145,637; Sept. 24.
Boot or similar article. S. J. Jarrell. 143,425; Jan. 1.
Booth and photo studio, Combination recording. D. B. Phillips. 144,256; Mar. 26.
Border or similar article, Wallpaper. A. Westrate. 145,547–54; Sept. 3.
Bottle. F. E. Ansell. 144,884; June 4.
Bottle. F. Frederics. 144,500; Apr. 23.
Bottle. E. N. Graham. 143,656–7; Jan. 29.
Bottle. E. N. Graham. 144,247; Mar. 26.
Bottle. E. N. Graham. 144,619; May 7.
Bottle. B. Lewis. 143,837; Feb. 12.
Bottle. G. D. Runnels. 145,645; Sept. 24.
Bottle. M. E. Scott. 145,275; July 23.
Bottle. A. Sussman. 144,430; Apr. 9.
Bottle. A. Sussman. 145,470; Aug. 20.
Bottle and closure. R. B. Karoff. 144,569; Apr. 30.
Bottle and container, Combined. C. H. Burger. 144,691; May 14.
Bottle closure. L. M. Mallick. 145,980; Nov. 26.
Bottle or similar article. J. O. Billups. 146,127; Dec 31.
Bottle or similar article. G. F. Claypool. 143,576–7; Jan. 22.
Bottle or similar article. E. N. Graham. 144,246; Mar. 26.
Bottle or similar article. S. Schwartz. 144,810; May 21.
Bottle or the like, Perfume. A. Levy. 145,175; July 9.
Bowl. A. Bach. 144,152; Mar. 19.
Bowl. F. H. Fisher. 144,775; May 21.
Bowl, Electric light. A. J. D. Ohm. 144,869; May 28.
Bowl or article of similar nature, Glass. A. J. Dreitzer. 146,019; Dec. 10.
Bowl or similar article, Covered. L. M. Smith. 145,911; Nov. 12.
Bowl or similar article, Tobacco. E. Burtis. 144,757; May 21.
Bowl, Shaving. J. B. Montenier. 143,437; Jan. 1.
Box. A. Bach. 144,885; June 4.
Box. F. H. Fisher. 144,171; Mar. 19.
Box. K Quon. 143,505; Jan. 8.
Box, Richard Sussman. 144,743; May 14.
Box and ash tray unit, Cigarette. W. C. McCartney. 144,509; Apr. 23.
Box and magazine and newspaper rack, Combination. C. W. Bierig. 145,002; June 18.
Box, Dice. M. M. Kastner. 144,115; Mar. 12.
Box, Gift. W. B. Petzold. 145,698; Oct. 8.
Box, Jewelry display. H. Ropp. 144,219; Mar. 19.
Box or similar article, Cigarette. M. J. Lewis. 144,623; May 7.
Box or similar article, Mail. R. E. Burt. 145,832; Oct. 29.
Box or similar article, Wind control weatherproof feed. C. Fenton. 145,124; July 2.
Box or the like. L. E. Elliott. 146,020; Dec. 10.
Box, Police signal. E. A. Brass. 144,235; Mar. 26.
Box, Ring. F. H. Lewis. 145,738; Oct. 15.
Box, Sand. P. A. Cosme. 145,391; Aug. 13.
Box, Shoe shine. J. T. Pearson, Jr. 145,143; July 2.
Box, Utility. L. Szakacs. 144,744; May 14.
Brace for a saxophone, Bell. E. J. Gillespie. 145,890; Nov. 12.
Bracelet. C. F. Carter. 145,775–6; Oct. 22.
Bracelet. J. Felski. 143,721; Feb. 5.
Bracelet. O. Grun. 143,588; Jan. 22.
Bracelet. A. Katz. 146,043–5; Dec. 10.
Bracelet. A. Katz. 146,053–4; Dec. 10.
Bracelet. A. Katz. 146,112; Dec. 24.
Bracelet. T. Kellner. 145,356; Aug. 6.
Bracelet and ring, Combined. T. Lowenst. 145,318; July 30.
Bracelet link or similar article. J. Dubinsky and A. Insko. 145,355; Aug. 6.
Bracelet or similar article. J. Bernas. 145,783; Oct. 22.
Bracelet or similar article. A. S. Bowen. 143,790; Feb. 12.
Bracelet or similar article. J. H. Hazard. 144,561–3; Apr. 30.
Bracelet or similar article. H. A. Malinowski. 144,794; May 21.
Bracelet or similar article. H. A. Malinowski. 146,115; Dec. 24.
Bracelet or similar article. C. J. Mann. 144,061–2; Mar. 5.
Bracelet or similar article. A. Philippe. 143,752; Feb. 5.
Bracelet or the like. M. Chernow. 144,759; May 21.
Bracelet or the like. M. Chernow. 145,881; Nov. 12.
Bracelet, Watch. J. G. Flatau. 143,816; Feb. 12.
Bracelet, Watch. R. Lambert. 145,357; Aug. 6.
Bracket, Shelf. H. Van Doren. 144,085; Mar. 5.
Bracket, Towel bar. H. Van Doren. 144,011; Feb. 26.
Bracket, Wall. A. Bach. 145,194; July 16.
Bracket, Wall. F. H. Fisher. 144,359–60; Apr. 9.
Bracket, Wall. F. H. Fisher. 144,362–5; Apr. 9.
Bracket, Wall. F. H. Fisher. 144,371; Apr. 9.
Bracket, Wall. F. H. Fisher. 144,915–16; June 4.
Bracket, Wall. J. Gerity, Jr. 146,078; Dec. 17.
Braid. L. Beer. 144,349; Apr. 9.
Braid. L. Beer and H. Stern. 143,523; Jan. 15.
Broiler or the like. W. R. Hathaway. 145,897; Nov. 12.
Brooch. M. Andreoli. 144,444; Apr. 16.
Brooch. A. Aquilino. 145,707–8; Oct. 15.
Brooch. F. J. Gargano. 145,475–6; Aug. 27.
Brooch. F. J. Gargano. 145,842; Oct. 29
Brooch and compact, Combination. R. L. Fisk and A. Ablicht. 143,966–7; Feb. 26.
Brooch and cosmetic container, Combined. N. Linduska. 145,811; Oct. 22.
Brooch mounted watchbase or similar article. E. Deutsch. 145,614; Sept. 24.
Brooch or similar article R. J. Acosta. 144,883; June 4.
Brooch or similar article. B. Darvie. 145,511; Sept. 3.
Brooch or similar article. S. Darvie. 146,018; Dec. 10.
Brooch or similar article. W. Drell. 143,803–6; Feb. 12.
Brooch or similar article. W. Drell. 143,960–3; Feb. 26.
Brooch or similar article. W. Drell. 144,700; May 14.
Brooch or similar article. S. Finkelstein. 144,773; May 21.
Brooch or similar article. L. H. Goldstein and H. Lustig. 144,051–5; Mar. 5.
Brooch or similar article. O. Grun. 143,591; Jan. 22.
Brooch or similar article. J. H. Hazard. 144,711; May 14.
Brooch or similar article. A. Katz. 143,974–5; Feb. 26.
Brooch or similar article. A. Katz. 144,117–18; Mar. 12.
Brooch or similar article. A. Katz. 144,194; Mar. 19.
Brooch or similar article. A. Katz. 144,926–7; June 4.
Brooch or similar article. A. Katz. 144,972; June 11.
Brooch or similar article. A. Katz. 145,250–3; July 23.
Brooch or similar article. A. Katz. 145,301–2; July 30.
Brooch or similar article. A. Katz. 145,525–6; Sept. 3.
Brooch or similar article. A. Katz. 145,628–33; Sept. 24.
Brooch or similar article. A. Katz. 145,665–7; Oct. 1.
Brooch or similar article. A. Katz. 145,733; Oct. 15.
Brooch or similar article. A. Katz. 145,847; Oct. 29.
Brooch or similar article. A. Katz. 146,040; Dec. 10.
Brooch or similar article. A. Katz. 146,046–7; Dec. 10.
Brooch or similar article. A. Katz. 146,049–50; Dec. 10.
Brooch or similar article. A. Katz. 146,052; Dec. 10.
Brooch or similar article. A. Katz. 146,111; Dec. 24.
Brooch or similar article. F. J. Pearsall. 144,575–9; Apr. 30.
Brooch or similar article. A. Philippe. 143,751; Feb. 5.
Brooch or similar article. A. Philippe. 145,258–61; July 23.
Brooch or similar article. A. Philippe. 145,268–9; July 23.
Brooch or similar article. A. Philippe. 145,272; July 23.
Brooch or similar article. A. Philippe. 145,325; July 30.
Brooch or similar article. A. Philippe. 145,533; Sept. 3.
Brooch or similar article. A. Phillippe. 145,585; Sept. 10.
Brooch or similar article. A. Phillippe. 145,676; Oct. 1.
Brooch or similar article. A. Verrecchia. 145,189; July 9.
Brooch or similar article. G. Verrecchio. 144,950; June 4.
Brooch or similar article. W. B. Weinstock. 144,951–2; June 4.
Brooch or similar article. W. B. Weinstock. 145,762; Oct. 15.
Brooch or similar article of jewelry. M. Tanzi. 143,564; Jan. 15.
Brooch or similar article, Separable. A. Katz. 114,116; Mar. 12.
Brooch or similar article, Separable. A. Katz. 144,195–7; Mar. 19.
Brooch or similar article, Separable. A. Katz. 146,141; Dec. 31.
Brooch pin or similar article. W. W. Hobé. 143,486–90; Jan. 8.
Brooch, Separable. A. Katz. 146,031–9; Dec. 10.
Brooch, Separable. A. Katz. 146,048; Dec. 10.
Brooch, Separable. A. Katz. 146,051; Dec. 10.
Broom, Doll. D. Ruthenberg. 145,105; June 25.
Brush and pan assembly or the like. H. V. Fox. 145,887; Nov. 12.
Brush, Floor. A. L. Le Febvre. 143,537; Jan. 15.
Brush, Lip. W. B. Crane. 145,286; July 30.
Brush or the like, Fountain. W. C. Marsh. 144,203; Mar. 19.
Buckle. H. Pomerantz. 146,153; Dec. 31.
Building. W. A. Fennell. 145,837; Oct. 29.
Building. H. P. Hummel. 145,801; Oct. 22.
Bulb, Electric light. N. Shaeffer. 144,636; May 7.
Bureau for jewelry, Miniature. N. E. Morton. 146,118; Dec. 31.
Butler, Silent. W. E. Ballard. 145,967; Nov. 26.
Button, Conical. C. H. Frank. 144,547; Apr. 30.

Button, Rim. C. H. Frank. 145,663; Oct. 1.
Button or similar article. M. Ballot. 145,558; Sept. 10.
Button or similar article. W. Dreil. 144,486–95; Apr. 23.
Button or similar article. W. Dreil. 144,960–6; June 11.
Button or similar article. W. Dreil. 145,012–18; June 18.
Button or similar article. W. Dreil. 145,565–71; Sept. 10.
Button or similar article. D. Kasen. 145,173; July 9.
Button or similar article. M. N. Lidz. 145,176; July 9.
Button, Service insignia lapel. S. D. Howell. 143,594; Jan. 22.
Cab, Power shovel. H. E. Swanson. 144,083; Mar. 5.
Cabinet. R. V. Parks. 143,441; Jan. 1.
Cabinet, Carbonator. P. H. Thompson. 143,887; Feb. 12.
Cabinet, Combination ash and garbage. J. Detoro. 145,071; June 25.
Cabinet, Combination radio and phonograph. C. B. Thorne. 145,237; July 16.
Cabinet, Combined coin storage and display. A. E. Eckert. 145,515; Sept. 3.
Cabinet, Dispensing and article display. A. E. Aldridge. 144,476; Apr. 23.
Cabinet, Display. M. M. Drogin. 144,496; Apr. 23.
Cabinet, Food dispensing. A. Bach. 145,609; Sept. 24.
Cabinet for a beverage dispenser. R. A. Nicholson. 145,903; Nov. 12.
Cabinet for a combination stove and refrigerator unit. W. L. Goodman, Jr. 145,999; Dec. 3.
Cabinet for a computing machine or similar article. M. Garbell. 144,778; May 21.
Cabinet for a disk dictating machine. R. L. Stone. 144,947; June 4.
Cabinet for a heater or the like. L. H. Wilson. 143,778–9; Feb. 5.
Cabinet for a heater or the like. L. H. Wilson. 144,654; May 7.
Cabinet for a heater or the like. L. H. Wilson. 144,881; May 28.
Cabinet for a sewing machine. W. A. Davidson. 145,998; Dec. 3.
Cabinet for high-frequency electrical heating apparatus. V. W. Sherman, L. Knlep, and W. H. Rothaug. 143,629; Jan. 22.
Cabinet for outdoor use at filling stations and the like. Towel. F. C. Peacock and J. B. Engel. 144,729; May 14.
Cabinet for picture and sound projection machine. E. B. Eckland. 144,702; May 14.
Cabinet, Kitchen. F. A. Broadbent. 144,029–33; Mar. 5.
Cabinet, Kitchen. E. J. Spence. 144,989–90; June 11.
Cabinet, Lectern. J. M. Loge. 144,202; Mar. 19.
Cabinet, Lubricating equipment. F. L. Ayres. 145,963; Nov. 26.
Cabinet, Lubricating equipment. A. M. Fitzpatrick, Jr. 145,690–2; Oct. 8.
Cabinet, Lubricating equipment. J. Tjaarda. 145,990–1; Nov. 26.
Cabinet, Medicine. P. F. Simpson. 144,594–5; Apr. 30.
Cabinet, Merchandise display. C. T. Smith. 145,958; Nov. 19.
Cabinet or similar article. T. M. Dunham. 144,844; May 28.
Cabinet or similar article, Display. S. Kassovic. 145,027; June 18.
Cabinet or similar article, Merchandising display. G. A. Petremont, A. K. Benjamin, and E. C. Brown. 145,952; Nov. 19.
Cabinet or similar article, Radio. R. C. Scull and J. Martial. 144,076; Mar. 5.
Cabinet or the like, Radio. T. C. Flanagan. 144,545; Apr. 30.
Cabinet or the like, Radio. R. C. Scull and J. Martial. 144,075; Mar. 5.
Cabinet or the like, Radio receiver. R. C. Scull and J. Martial. 144,073–4; Mar. 5.
Cabinet or the like, Toilet. Pietro and Peter Maniscalco, Jr. 143,499; Jan. 8.
Cabinet, Radio. L. E. Blazey. 144,887; June 4.
Cabinet, Radio. R. D. Budlong. 145,507; Sept. 3.
Cabinet, Radio. R. E. Gordenier. 145,076; June 25.
Cabinet, Radio. R. Jenkins. 145,977; Nov. 26.
Cabinet, Radio. J. Kaiser, Jr. 144,717; May 14.
Cabinet, Radio. L. G. Stone. 144,082; Mar. 5.
Cabinet, Refrigerator. D. E. Dailey. 143,713; Feb. 5.
Cabinet, Refrigerator. A. Pinelli. 143,753; Feb. 5.
Cabinet, Shower. T. F. Anderson. 145,374; Aug. 13.
Cabinet, Water heater. G. W. Walker. 143,775; Feb. 5.
Cage, Bird. A. Zaha and J. Monicatti. 144,089; Mar. 5.
Calculator for radio signaling. W. Carduner and L. LeKashman. 144,355; Apr. 9.
Calendar. J. D. Maclean. 144,121; Mar. 12.
Caliper, Balance truing. R. R. While. 143,691; Jan. 29.
Camera. F. H. Owens. 145,744; Oct. 15.
Camera. V. E. Pratt and G. F. Gray. 144,136; Mar. 12.
Camera casing, Medico-surgical. F. K. Storm. 145,412; Aug. 13.
Can, Milk. L. B. Green. 143,586; Jan. 22.
Can opener. J. H. Chandler. 143,646–7; Jan. 29.
Can opener. J. H. Chandler and M. J. Zimmer. 144,099–100; Mar. 12.
Candlestick. M. R. Bellin. 146,097; Dec. 24.
Candlestick. F. H. Fisher. 144,244; Mar. 26.
Candy containing toy cruiser. J. H. Millstein. 143,614; Jan. 22.
Canister, Food. A. J. Gerber. 145,617; Sept. 24.
Cap and dispenser for jars and the like, Combined. S. A. de Waltoff. 143,581; Jan. 22.
Cap, Container. P. A. Derham. 144,041; Mar. 5.
Cap, Container. P. A. Derham. 144,104; Mar. 12.
Cap, Container. P. A. Derham. 144,483–4; Apr. 23.
Cap, Container. P. A. Derham. 144,612; May 7.
Cap, Container. P. A. Derham. 144,912; June 4.
Cap, Container. P. A. Derham. 146,009–11; June 18.
Cap, Container. P. A. Derham. 145,158; July 9.
Cap, Container. P. A. Derham. 145,512; Sept. 3.
Cap, Container. P. A. Derham. 145,661; Oct. 1.
Cap, Container. P. A. Derham. 145,928; Nov. 19.
Cap, Container. P. A. Derham. 145,975; Nov. 26.
Cap for brooms, Shoulder. J. H. Hofmann. 144,971; June 11.
Cap, Jet motor. H. W. Morgan. 144,126–9; Mar. 12.
Cap or similar article, Combined automatic wheel cover and hub. G. A. Lyon. 143,497; Jan. 8.
Card punching machine. H. E. Hooe. 146,028; Dec. 10.
Card punching machine and stand, Combined. H. E. Hooe. 146,027; Dec. 10.
Cards, Deck of playing. B. L. Goldwater. 145,075; June 25.
Cards, Deck of playing. M. C. Meyer. 143,669; Jan. 29.
Cards or the like, Deck of playing. A. F. Von Soden. 143,565; Jan. 15.
Cards, Set of playing. D. Fillson and D. B. Crollard. 145,885; Nov. 12.
Carpet or the like. E. C. Schmidt. 145,230; July 16.
Carpet or the like. A. C. C. Wildguet. 145,241–2; July 16.
Carrier, Bottle. A. H. Edgerton. 143,808; Feb. 12.
Carrier, Bottle. A. M. Jacobson. 144,382; Apr. 9.
Carrier, Combination baby and grocery. G. Silvera. 143,510; Jan. 8.
Carrier or similar article, Baby. C. A. De Pirro. 144,040; Mar. 5.
Carrier, Tool. F. L. Ayres. 145,770; Oct. 22.
Carrousel. L. M. Glasco. 145,518; Sept. 3.
Cart, Chair. L. P. Brantz. 145,655; Oct. 1.
Case and cribbage Board, Combined. V. D. Canfield. 144,692; May 14.
Case, Cigarette. G. H. Bugenhagen. 144,479; Apr. 23.
Case, Cigarette. G. Goldman. 144,855; May 28.
Case, Clock. W. P. Gallagher. 143,915; Feb. 19.
Case, Combination cigarette and vanity. E. L. Warner. 145,191; July 9.
Case, Combined cigarette and match. E. S. Tupper. 144,528; Apr. 23.
Case, Combined vanity and cigarette. W. T. Korn. 143,663; Jan. 29.
Case for a camera. B. Mayer. 145,981–2; Nov. 26.
Case for an ophthalmic mounting. H. F. Huttemeyer. 144,620; May 7.
Case for cigarette and cigar lighter. G. C. Beckstein. 143,571; Jan. 22.
Case, Jewelry. J. G. Lippincott. 144,403; Apr. 9.
Case or similar article, Combination vanity and incidental. S. Katopodis. 144,193; Mar. 19.
Case or similar article, Lipstick. E. N. Graham. 145,620; Sept. 24.
Case or similar article, Show. C. J. Christopher. 145,197; July 16.
Case or the like, Cigarette. D. Wohl. 144,278; Mar. 26.
Case, or the like, Lipstick. M. de Botelho. 144,101; Mar. 12.
Case, Pen and pencil. J. A. Commander. 145,778; Oct. 22.
Case, Piano. J. Dembicki. 144,039; Mar. 5.
Case, Self-service display. C. F. Hoffman. 144,380; Apr. 9.
Case, Spectacle. A. and E. Barrett. 144,445; Apr. 16.
Case, Vanity. W. B. Crane. 145,008; June 18.
Case, Watch. M. B. Pelkin. 144,932; June 4.
Casing, Carpet sweeper. P. Dale. 145,563; Sept. 10.
Casing for a piano or similar article. J. Barofsky. 145,416; Aug. 20.
Casing for a sound head for a motion picture projector. H. H. Leader. 143,665; Jan. 29.
Casing for a space heater. A. W. Becker. 143,893–6; Feb. 19.
Casing for a water heater or the like. L. H. Wilson. 144,277; Mar. 26.
Casing for an electric heater with fan. W. E. Maxson, Jr. 143,541; Jan. 15.
Casing for pressing or punching machines or the like. G. O. Conner. 143,712; Feb. 5.
Casing for washing machines, drying machines, or the like. C. W. Sundberg. 145,640; Sept. 24.
Casing or body for lighter or the like. L. Soklaski. 145,590; Sept. 10.
Casing or similar article, Vacuum cleaner. T. H. Morgan. 144,627–8; May 7.
Casing, Sandblast. O. Bogert and W. B. Hewitt. 143,704; Feb. 5.
Casing, Stereoscope. C. S. McClellan. 144,572; Apr. 30.
Casing, Suction cleaner. G. W. Walker. 144,147; Mar. 12.
Casing, Suction cleaner. G. W. Walker. 144,529; Apr. 23.

Casing, Vacuum cleaner. T. A. Grohs. 144,558; Apr. 30.
Casing, Vacuum cleaner. C. Karstadt. 145,215–16; July 16.
Casing, Vacuum cleaner. H. J. McAllister. 144,063; Mar. 5.
Casing, Vacuum cleaner. C. B. Stevens. 145,276; July 23.
Casing, Vacuum cleaner. G. W. Walker. 144,600; Apr. 30.
Casing, Vacuum cleaner. G. W. Walker. 145,761; Oct. 15.
Casing, Vacuum cleaner. G. W. Walker. 146,124; Dec. 31.
Chain for a bracelet or similar article, Link. J. Braunstein. 144,351–3; Apr. 9.
Chain for a bracelet or similar article, Link. J. Braunstein. 145,418–26; Aug. 20.
Chain for a bracelet or similar article, Link. G. E. Fournier. 145,292; July 30.
Chain for watch bracelet or the like, Expansible link. E. F. M. Speidel. 145,467; Aug. 20.
Chair. T. B. Bond. 143,462; Jan. 8.
Chair. L. A. Cutrow. 145,927; Nov. 19.
Chair. W. S. Gass. 145,788; Oct. 22.
Chair. L. Guild. 146,080; Dec. 17.
Chair. M. S. Karp. 143,492; Jan. 8.
Chair. R. P. Ralston. 145,535; Sept. 3.
Chair. A. Roth. 145,678; Oct. 1.
Chair. C. D. Spangler. 145,959; Nov. 19.
Chair. E. J. Spence. 144,991–2; June 11.
Chair, All metal. A. B. King and C. L. Martino. 144,719; May 14.
Chair and furniture base, Combination. C. V. Cowan. 143,466; Jan. 8.
Chair and magazine rack, Combined. C. R. Schutes. 144,592; Apr. 30.
Chair and table, Combination. L. S. Harsany. 145,443; Aug. 20.
Chair and table or like article, Combination. J. W. Mabry. 144,404; Apr. 9.
Chair, Barber's. F. J. Piotreschke. 144,068; Mar. 5.
Chair, Child's. F. L. Duer. 145,781; Oct. 22.
Chair, Child's. E. N. Perrault. 144,730; May 14.
Chair or similar article. H. Gleitsman. 144,853; May 28.
Chair or similar article. H. Gleitsman. 145,074; June 25.
Chair standard. W. H. Bond, Jr. 145,971–4; Nov. 26.
Chamber, Child's. M. A. Boyes. 145,003; June 18.
Charm, Jewelry. D. Gordon. 143,422; Jan. 1.
Chessmen, Set of. A. R. Scott. 145,335; July 30.
Chessmen, Set of. M. Tuch. 145,992; Nov. 26.
Chest. E. L. Beckwith. 145,195; July 16.
Chest or similar article. S. N. Erickson. 143,413; Jan. 1.
Chest or similar article, Cedar. E. E. Abbott. 144,017; Mar. 5.
Chimney-cowl. T. V. Early. 143,965; Feb. 26.
Chopper and grinder, Combination food. C. P. Hornung. 143,533; Jan. 15.
Chopper or similar article, Food. J. Teague. 144,225; Mar. 19.
Chopper, peeler, and slicer, Combined vegetable. M. J. Zimmer. 143,694; Jan. 29.
Cigarette butt snuffer or similar article. R. C. Kulling. 144,793; May 21.
Cigarette rest. E. A. Lefebre. 143,836; Feb. 12.
Clamp. H. Tomassini. 144,597; Apr. 30.
Clamp, Clothesline. R. L. Odiorne and J. S. Monroe. 145,256; July 23.
Clasp, Tie. M. P. Cates. 143,399; Jan. 1.
Cleaner attachment, Vacuum. C. B. Stevens. 145,681; Oct. 1.
Cleaner, Vacuum. G. W. Walker. 144,227; Mar. 19.
Cleaver and meat tenderizer, Combined. H. O. Browne and W. J. Klassen. 145,004; June 18.
Clip. M. Boucher. 145,151–2; July 9.
Clip. M. Boucher. 145,561; Sept. 10.
Clip and bottle cap remover, Combined money. R. Coles. 144,830; May 28.
Clip for fountain pen or similar article. W. Green and P. Schladermundt. 145,171; July 9.
Clip, Hairwave. W. Huppert. 143,734; Feb. 5.
Clip, Money. W. J. Kent. 146,147; Dec. 31.
Clip, Money. C. E. Mills. 145,697; Oct. 8.
Clip or similar article. S. Finkelstein. 144,772; May 21.
Clip or similar article. S. Finkelstein. 144,774; May 21.
Clip or similar article. A. Katz. 143,976; Feb. 26.
Clip or similar article, Pin. A. Katz. 146,140; Dec. 31.
Clock. S. A. Gardner. 146,101–2; Dec. 24.
Clock. H. Graeter. 143,478; Jan. 8.
Clock. M. Hallward. 145,576; Sept. 10.
Clock. D. Klay. 144,720; May 14.
Clock. A. F. Lamberg. 145,872; Nov. 5.
Clock. B. Lerman. 143,538; Jan. 15.
Clock. B. Lerman. 146,083–4; Dec. 17.
Clock. R. J. Moffatt. 144,867; May 28.
Clock, Alarm. F. Collura. 145,351–3; Aug. 6.
Clock, Alarm. J. A. Hill. 145,298; July 30.
Clock, Alarm. F. Lux. 145,672; Oct. 1.
Clock and kiddie schedule, Combined. L. Cookston. 145,121; July 2.
Clock and map, Combined. A. Tellier. 145,961; Nov. 19.
Clock and radio, Combination. J. F. Barnes. 146,066; Dec. 17.
Clock, Desk, H. Levitan. 145,316; July 30.
Clock housing. M. Murray. 144,210; Mar. 19.
Clock, Mantel. H. Levitan. 145,314–15; July 30.
Clock, Mantel, H. Levitan. 145,317; July 30.
Clock, Mantle. H. Levitan. 144,398–9; Apr. 9.
Clock, money bank and calendar, Combined wall. L. D. Cherneff. 145,350; Aug. 6.
Clock or similar article. A. K. Simons. 145,757; Oct. 15.
Clog, Shoe. J. H. Davis and G. McAllister. 144,038; Mar. 5.
Clothespin. J. E. Cronan. 145,287; July 30.
Clothespin. A. M. Jacobson. 145,602; Sept. 17.
Clothespin. L. M. G. Olivier. 143,439; Jan. 1.
Clothespin. H. E. Rhodes. 143,760; Feb. 5.
Clothespin. C. E. Seale and L. W. Stinne. 145,679; Oct. 1.
Clothespin. R. D. Smith. 144,079; Mar. 5.
Clothespin. A. F. Sulak. 144,269; Mar. 26.
Clothespin. T. T. Taylor. 144,820; May 21.
Clothespin. F. Trogstad and M. O. Berg. 144,226; Mar. 19.
Clothespin. W. J. Ward. 144,472; Apr. 16.
Clothespin or the like. H. M. Broadwell. 145,377; Aug. 13.
Club head, Golf. W. Hardy. 145,080; June 25.
Coaster and ash tray holder, Combined. L. J. Binder. 145,653; Oct. 1.
Coaster, Beverage. G. Wortman. 143,946; Feb. 19.
Coat. I. Feingold. 143,583; Jan. 22.
Coat. I. Feingold. 143,650–1; Jan. 29.
Coat. M. Frascino. 144,455; Apr. 16.
Coat. M. Frascino. 145,574; Sept. 10.
Coat. M. Frascino. 145,597; Sept. 17.
Coat. J. Freedman. 143,472; Jan. 8.
Coat. J. Freedman. 144,546; Apr. 30.
Coat. J. Freedman. 144,613–14; May 7.
Coat. J. Freedman. 145,023; June 18.
Coat. J. Freedman. 145,436; Aug. 20.
Coat. J. Freedman. 145,616; Sept. 24.
Coat. J. Freedman. 145,717; Oct. 15.
Coat. J. Freedman. 146,021; Dec. 10.
Coat. H. Goldberg. 145,598–9; Sept. 17.
Coat. H. Goldberg. 145,618; Sept. 24.
Coat. H. Goldberg. 145,719–20; Oct. 15.
Coat. H. Goldberg. 145,935; Nov. 19.
Coat. A. Gruber. 143,480–2; Jan. 8.
Coat. N. A. Rauch. 143,506–7; Jan. 8.
Coat. H. Redman. 145,537; Sept. 3.
Coat. S. Zimmerman. 143,519–22; Jan. 8.
Coat. S. Zimmerman. 143,696; Jan. 29.
Coat. S. Zimmerman. 144,333–43; Apr. 2.
Coat. S. Zimmerman. 144,442–3; Apr. 9.
Coat. S. Zimmerman. 144,657–68; May 7.
Coat. S. Zimmerman. 144,999–145,001; June 11.
Coat. S. Zimmerman. 145,112; June 25.
Coat, Child's. E. Fischer. 145,596; Sept. 17.
Coat, Fur. O. Kiam. 143,823–4; Feb. 12.
Coat or similar article, Lady's. J. Miller. 144,466; Apr. 16.
Coffee maker. J. Pavelka, Jr. 144,728; May 14.
Coffee maker, Electric. G. W. Florian. 145,838–9; Oct. 29.
Coffee maker or similar article. L. H. Snyder. 144,945; June 4.
Coffee pot. V. E. Cadle. 144,354; Apr. 9.
Colorimeter. W. H. Harrison. 146,137; Dec. 31.
Comb and comb cleaning brush, Combined. H. M. Pernini. 144,133; Mar. 12.
Comb, Hair. D. E. Gumb. 145,079; June 25.
Comb, Hair. G. J. Staab. 144,471; Apr. 16.
Comb or similar article. J. Brunetti. 143,949; Feb. 26.
Comb or similar article. L. Kahn. 143,972–3; Feb. 26.
Comb or similar article, Transparent. J. Brunetti. 143,573; Jan. 22.
Compact. W. B. Crane. 144,357; Apr. 9.
Compact. J. S. Dougherty. 144,042; Mar. 5.
Compact. E. Edson. 145,430; Aug. 20.
Compact. E. Foret. 145,073; June 25.
Compact. E. Foret and H. Graeter. 144,372; Apr. 9.
Compact. E. Foret and H. Graeter. 145,716; Oct. 15.
Compact. N. K. Morris. 145,255; July 23.
Compact. K. F. Schick. 143,554; Jan. 15.
Compact. J. L. Stack, Jr. 145,491; Aug. 27.
Compact. J. W. Thomsen. 143,682; Jan. 29.
Compact. J. W. Thomsen. 145,367; Aug. 6.
Compact, match holder, and lipstick holder, Combined. E. P. Consiglio. 145,156; July 9.
Compact or similar article. F. di Verdura. 145,239; July 16.
Compact or similar article. D. L. Elliott. 145,198–209; July 16.
Compact or similar article. E. N. Graham. 145,621; Sept. 24.
Container and music box, Combined figured cigarette. W. T. Korn. 143,602; Jan. 22.
Container and support, Combined plant. A. Ames. 145,917; Nov. 19.
Container, Cigarette. G. L. Kearney. 145,668; Oct. 1.
Container, Cigarette. R. and C. H. Webber. 144,087–8; Mar. 5.
Container, Combined lipstick and brush applicator. V. Silson. 144,145; Mar. 12.
Container, Combined shipping and display. B. V. Dubiner. 143,717; Feb. 5.

Container, Cosmetic. M. H. Ramsey. 145,819; Oct. 22.
Container, Flower. R. I. McLellan and W. J. Field. 143,530; Sept. 3.
Container for candy, perfume, flowers, and the like. K. Harrington. 145,845; Oct. 29.
Container for cigarettes or similar articles. E. G. Engel, J. R. Scott, and G. V. Korda. 143,815; Feb. 12.
Container for toys and the like. T. B. Hodge. 145,481; Aug. 27.
Container, Glass cigarette or like. H. Lowitz. 144,507; Apr. 23.
Container, Lipstick. J. Zonenstein. 144,603; Apr. 30.
Container or the like, Lipstick. L. Renaud. 145,048; June 18.
Container set and holder therefor, Combined condiment. T. J. Conrad. 143,465; Jan. 8.
Control unit, Flame failure. J. C. Hamilton. 145,442; Aug. 20.
Controller, Arc welding and heat-treating. C. C. Kenlan. 143,601; Jan. 22.
Cooker. R. Groetchen. 143,726; Feb. 5.
Cooker, Pressure. S. W. Farber. 144,498; Apr. 23.
Cooker, Pressure. R. T. Watts and F. C. Rudolph. 143,546; Sept. 3.
Cooker, Pressure. M. J. Zimmer. 143,693; Jan. 29.
Cooking stove or similar article. M. J. Woods. 143,518; Jan. 8.
Cooky. J. B. Carr. 146,073–5; Dec. 17.
Cooler and newspaper stand or the like, Combined bottled beverage. A. F. Immoor. 144,924; June 4.
Cooler of the window type, Room. H. Dreyfuss. 144,452; Apr. 16.
Costumer. G. H. Amt. 143,698; Feb. 5.
Costumer. J. P. Culpepper and K. C. May. 143,407; Jan. 1.
Costumer. A. D. Silverman. 143,630; Jan. 22.
Costumer. C. E. Stephenson 144,996; June 11.
Costumer, Youth's. J. W. Floyd. 145,693; Oct. 8.
Cotton harvesting machine. W. N. Smith. 145,411; Aug. 13.
Couch or the like. P. Billet and I. Levy. 144,677; May 14.
Counter, Display. F. G. Welke. 145,148–9; July 2.
Cover, Book. C. von Baumann. 143,943; Feb. 19.
Cover, Cap. P. M. Maxwell, and W. J. Russy. 143,610; Jan. 22.
Cover for a suture jar. R. L. Eddy. 144,497; Apr. 23.
Cover for beverage brewer bowl. J. O. Reinecke. 143,757; Feb. 5.
Cover for food receptacles. D. C. Severance. 145,646; Sept. 24.
Cover or similar article of manufacture, Table. L. G. Rohner. 144,801–2; May 21.
Crawler, Child's. E. C. Baus. 143,461; Jan. 8.
Cream maker. H. L. Saylor. 144,418; Apr. 9.
Crèche. F. G. Kraner. 143,430; Jan. 1.
Crib and utility cabinet, Combined. R. L. Adolf. 144,670; May 14.
Crusher or the like, Ice. J. E. Walsh. 145,240; July 16
Cultivator, Garden. M. J. Amendola. 143,787; Feb. 12.
Cup, Cosmetic. C. Martucci. 145,360; Aug. 6.
Cup-dispenser and toothbrush holder, Combined. T. F. Saffady. 144,139; Mar. 12.
Cup, Drinking. E. J. Stumpf. 144,223; Mar. 19.
Cup, Tea. M. P. Cameron. 144,905; June 4.
Curler, Eyelash. J. P. Wolff. 143,945; Feb. 19.
Curler, Hair. H. Bonat. 143,705; Feb. 5.
Curler, Hair. H. Nathiel. 145,456; Aug. 20.
Curler, Hair. M. M. Newman. 145,908; Nov. 12.
Curler, Hair. A. E. Vaughn. 143,772; Feb. 5.
Cutter, Cookie. M. M. Meyers. 145,812; Oct. 22.
Cutter, Stalk. A. H. Stockmar. 144,639; May 7.
Darner. D. V. Ellis. 143,411; Jan. 1.
Davenport. F. T. Paden. 144,066; Mar. 5.
Desk. F. P. Fletcher. 144,045; Mar. 5.
Desk. K. O. Larson. 145,948; Nov. 19.
Desk. M. Livon. 144,120; Mar. 12.
Desk and seat, Combination. J. D. Covington. 145,659; Oct. 1.
Desk or similar article. M. Danziger. 143,469; Jan. 8.
Desk or similar article. M. S. Karp. 143,426; Jan. 1.
Desk unit, Combination. L. W. Kendrick. 145,734; Oct. 15.
Desk unit, Combination. M. J. Lewis. 145,486; Aug. 27.
Desk unit, Combination. M. J. Lewis. 145,809; Oct. 22.
Desk unit, Combination. T. Roffey. 145,821; Oct. 22.
Desk unit or the like. F. S. Ajero. 145,878; Nov. 12.
Desk writing unit. H. K. Adams. 146,064; Dec. 17.
Developer, Plate. J. T. Campbell. 144,540; Apr. 30.
Device for holding fruit, cake, and the like, Display. E. E. Hornung. 145,024; June 18.
Dial or similar article, Clock. A. E. Freel. 143,419; Jan. 1.
Diamond or similar article. G. Fine. 143,470–1; Jan. 8.
Dilator, Electric. W. J. McFadden. 143,924; Feb. 19.
Dish. S. L. Gerson. 144,781; May 21.
Dish. L. L. King. 144,296; Apr. 2.
Dish and grab rail, Combined soap. J. Gerity, Jr. 145,934; Nov. 19.
Dish, Child's. E. C. Weideman. 144,016; Feb. 26.
Dish or similar article, Candy. A. L. Jack. 144,856; May 28.
Dish or similar article, Serving. J. Davis. 145,711; Oct. 15.
Dish, Soap. H. Van Doren. 144,326; Apr. 2.
Dish, Soap. P. L. Wood. 143,889; Feb. 12.
Dispenser, Adhesive tape. B. Bronfman. 145,773; Oct. 22.
Dispenser, Adhesive tape. B. Bronfman. 146,130; Dec. 31.
Dispenser, Adhesive tape. T. H. Krueger. 144,391–2; Apr. 9.
Dispenser, Adhesive tape. E. W. Mason. 144,865; May 28.
Dispenser and match holder, Combined cigarette. W. T. Korn. 144,622; May 7.
Dispenser, Beverage. L. Gottlieb. 144,555; Apr. 30.
Dispenser for powdered malted milk. J. O. Reinecke. 143,756; Feb. 5.
Dispenser, Soap. C. W. Hoppe. 144,567; Apr. 30.
Dispenser, Soda straw. H. A. Gosling. 144,710; May 14.
Dispenser, Tape. H. Preble, Jr. 144,213–5; Mar. 19.
Dispenser, Tape. H. Preble, Jr. 145,699; Oct. 8.
Dispensing device, Cigarette. M. Schwartz. 146,156; Dec. 31.
Dispensing unit for filling stations. W. H. Adams. 144,752; May 21.
Display counter, Sectional. N. S. Irwin. 143,660; Jan. 29.
Display device. C. T. Andrews. 145,768; Oct. 22.
Display device for twine and the like, Sample. E. H. Jackson, Jr. 145,802; Oct. 22.
Display rack, Cloth. E. P. Bixer. 144,755; May 21.
Display stand, Merchandise. S. Malkin. 145,814; Oct. 22.
Dolly or similar article. K. C. Hamilton. 146,135; Dec. 31.
Doll. R. M. Brennan. 144,756; May 21.
Doll. B. Chalk. 144,693–4; May 14.
Doll. D. J. Curran. 146,132; Dec. 31.
Doll. L. A. Edenburn. 144,967; June 11.
Doll. A. J. Lorenzen. 144,724; May 14.
Doll. A. D. Norcross. 145,101–2; June 25.
Doll. C. E. Stewart. 144,742; May 14.
Doll. L. Thompson. 143,631; Jan. 22.
Doll and parachute, Combined. M. Hoyle. 145,732; Oct. 15.
Doll, Double-headed. F. B. Salter. 146,062; Dec. 10.
Doll head. E. Aleshin. 145,885–6; Nov. 5.
Doll head. W. Seidler and O. Feuer. 145,232–3; July 16.
Doll or similar article. M. Berkowitz. 143,703; Feb. 5.
Doll's head. R. C. Finkelstein. 145,022; June 18.
Door or similar article. M. Ketchum, Jr. 143,429; Jan. 1.
Drainboard for a sink. G. E. Whitlock. 143,516–17; Jan. 8.
Drawer pull. L. L. Rosenthal. 143,936–7; Feb. 19.
Dress. H. Alpern. 143,891; Feb. 19.
Dress. E. Cutler. 143,468; Jan. 8.
Dress. C. A. Donahue. 143,801–2; Feb. 12.
Dress. J. Frazita. 144,968; June 11.
Dress. Z. Golden. 143,476–7; Jan. 8.
Dress. Z. Golden. 143,818; Feb. 12.
Dress. Z. Golden. 144,173–88; Mar. 19.
Dress. Z. Golden. 144,245; Mar. 26.
Dress. Z. Golden. 144,294; Apr. 2.
Dress. Z. Golden. 144,457; Apr. 16.
Dress. Z. Golden. 144,550; Apr. 30.
Dress. Z. Golden. 145,160–70; July 9.
Dress. Z. Golden. 145,789–97; Oct. 22.
Dress. Z. Golden. 146,079; Dec. 17.
Dress. D. M. Goodstein. 145,798–9; Oct. 22.
Dress. D. M. Goodstein. 145,843; Oct. 29.
Dress. A. S. Gross. 143,587; Jan. 22.
Dress. L. Hoshaftan. 145,623; Sept. 24.
Dress. B. Hurwitz. 145,247–9; July 23.
Dress. B. Hurwitz. 146,000–2; Dec. 3.
Dress. S. Kramer. 143,832; Feb. 12.
Dress. S. Kramer. 144,461; Apr. 16.
Dress. H. T. Langbert. 145,807; Oct. 22.
Dress. W. Minzer. 143,845; Feb. 12.
Dress. W. Minzer. 144,512; Apr. 23.
Dress. C. D. Monica. 145,741; Oct. 15.
Dress. M. Richter. 143,879; Feb. 12.
Dress. K. Rost. 143,880–2; Feb. 12.
Dress. K. Rost. 145,329–31; July 30.
Dress. K. Rost. 145,750; Oct. 15.
Dress. K. Rost. 145,859; Oct. 29.
Dress. M. Schneck. 145,703–4; Oct. 8.
Dress. N. Shatz. 145,956–7; Nov. 19.
Dress. N. Shatz. 146,157; Dec. 31.
Dress. H. H. Stahl. 143,885–6; Feb. 12.
Dress. J. Walker. 143,513–14; Jan. 8.
Dress. J. Walker. 144,530; Apr. 23.
Dress. J. Walker. 145,190; July 9.
Dress. J. Walker. 145,827; Oct. 22.
Dress. E. Wilkens. 144,473; Apr. 16.
Dress or similar article. J. Frandsen. 145,293; July 30.
Dress or similar article, Culotte. T. Leser. 143,978; Feb. 26.
Drilling machine, Upright. L. L. Schauer and J. H. McKewen. 144,141; Mar. 12.
Drying machine, Blueprint. R. G. Beck. 143,892; Feb. 19.
Duplicating machine. L. R. Randell. 146,121; Dec. 31.
Duplicator. J. Palma. 143,875; Feb. 12.

Dynamo-electric machine. G. R. Anderson. 144,231; Mar. 26.
Earring. M. Boucher. 145,064; June 25.
Earring. O. Grun. 143,589; Jan. 22.
Earring. C. W. Hardy. 145,134; July 2.
Earring. J. J. Marsella. 145,321; July 30.
Earring. F. Morrow. 144,209; Mar. 19.
Earring. F. Morrow. 145,140; July 2.
Earring. F. Morrow. 145,742; Oct. 15.
Earring. A. Philippe. 143,750; Feb. 5.
Earring. A. Schein. 144,804; May 21.
Earring. C. Schraysshuen. 144,419–21; Apr. 9.
Earring or similar article. A. Brody. 144,606; May 7.
Earring or similar article. M. Chernow. 144,763–7; May 21.
Earring or similar article. J. H. Hazard. 144,712; May 14.
Earring or similar article. A. Katz. 146,041–2; Dec. 10.
Earring or similar article. P. Kaufman. 146,142–6; Dec. 31.
Earring or similar article. A. Philippe. 143,989; Feb. 26.
Earring or similar article. A. Philippe. 145,262–5; July 23.
Earring or similar article. A. Philippe. 145,326; July 30.
Earring or similar article. B. Rest. 143,546; Jan. 15.
Earring or the like. M. Chernow. 144,760–2; May 21.
Electric heater. E. C. Mathis and J. L. Dronet. 143,609; Jan. 22.
Electric heater. M. V. Van Fleet. 143,684; Jan. 29.
Electric record player or similar article. I. Strauss and G. O. Kaye. 144,948–9; June 4.
Electron discharge tube. N. E. Krim. 143,603; Jan. 22.
Emblem or similar article, Applique. W. A. Giraldi. 143,530; Jan. 15.
Engine power unit and housing assembly, Portable. P. Altman. 143,784; Feb. 12.
Engine power unit housing, Portable. P. Altman. 143,785; Feb. 12.
Engine power unit housing, Portable. W. S. Tandler and F. A. de Weiss. 143,453; Jan. 1.
Engine unit, Internal-combustion. H. Forster. 144,047; Mar. 5.
Enlarger, Photographic. K. Racine and V. P. Shelton. 145,855; Oct. 29.
Exerciser, Animated eye. A. B. Leech. 143,433; Jan. 1.
Exhibitor, Insignia. R. E. Tilford. 145,825; Oct. 22.
Extraction machine, Rug and upholstery. T. W. Doyle. 145,564; Sept. 10.
Extractor, Juice. R. C. Cassanov. 144,481; Apr. 23.
Extractor, Juice. H. C. Johnson. 145,978; Nov. 26.
Extractor, Juice. J. M. Majewski and H. J. Talge. 143,666; Jan. 29.
Extractor, Juice. B. Roseman. 144,586; Apr. 30.
Eyeshield or similar article. C. A. Baratelli. 144,604; May 7.
Eyeshield or similar article. C. P. Fuller. 144,615; May 7.
Eyeshield or similar article. C. W. Williams. 144,652–3; May 7.
Fabric. R. S. Caplin. 145,119; July 2.
Fabric. M. R. Hamre. 144,921; June 4.
Fabric. L. Langer. 145,671; Oct. 1.
Fabric. A. Y. Park. 143,503; Jan. 8.
Fabric. A. Y. Park. 143,617–22; Jan. 22.
Fabric. A. Y. Park. 145,032–44; June 18.
Fabric. A. Y. Park. 145,745–9; Oct. 15.
Fabric. M. Sobald. 143,674; Jan. 29.
Fabric, Embroidered. L. H. Hollander. 146,107; Dec. 24.
Fabric, Embroidered. A. Walter. 144,014–15; Feb. 26.
Fabric, Embroidered. A. Walter. 144,330; Apr. 2.
Fabric, Embroidered. A. Walter. 145,682; Oct. 1.
Fabric, Embroidered. A. Walter. 146,090; Dec. 17.
Fabric, Narrow woven. A. Gelb. 145,246; July 23.
Fabric or similar article. F. G. Ullmann. 145,826; Oct. 22.
Fabric or similar article, Liturgical. A. Baumgartner. 145,347; Aug. 6.
Fabric or similar article, Liturgical. A. Baumgartner. 146,067–71; Dec. 17.
Fabric or similar article, Textile. V. Hamill. 144,559; Apr. 30.
Fabric or similar article, Textile. S. Meyer. 144,465; Apr. 16.
Fabric or similar article, Textile. A. Samstag. 143,673; Jan. 29.
Fabric, Printed. E. S. Kales. 145,300; July 30.
Fabric, Printed. E. S. Kales. 145,846; Oct. 29.
Fabric, Textile. C. J. Busch. 155,448; Apr. 16.
Fabric, Textile. G. J. Feinberg. 143,582; Jan. 22.
Fabric, Textile. S. Salsky. 143,627; Jan. 22.
Fabric, Textile. S. Salsky. 144,220; Mar. 19.
Fabric, Textile. F. J. Smith. 143,675; Jan. 29.
Fabric, Textile. M. White. 146,091–4; Dec. 17.
Faceplece for breathing apparatus. W. P. Yant. 143,781–2; Feb. 5.
Fan, Blow. R. Pryne. 145,227; July 16.
Fan, Electric. R. D. Budlong. 144,034; Mar. 5.
Fastener, Baby blanket. H. Siegel. 144,470; Apr. 16.
Fastener, Clothesline. A. W. Gross. 143,727; Feb. 5.
Feeder, Bird. F. J. Stollateimer. 144,271; Mar. 26.
Feeder for grain or the like, Box. W. E. Foster. 145,159; July 9.
Field glass, Collapsible, folding. R. Morbee. 146,008; Dec. 3.
Figure, Articulated. K. R. Eames. 143,964; Feb. 26.
Figure, Bird. L. Garcia. 145,474; Aug. 27.
Figure or the like, Advertising display. C. D. Holmes. 144,381; Apr. 9.
Figurine, Article holding. V. I. Mora and E. Heinecke. 143,438; Jan. 1.
Figurine or similar article. F. Keeney. 144,570; Apr. 30.
File and polish receptacle, Combination nail. H. Troya. 144,907; Feb. 26.
File, Desk. J. Burger. 143,643; Jan. 29.
Film slide viewer. W. A. Lieberman and J. W. Thomsen. 146,057; Dec. 10.
Filter and pumping apparatus. J. V. Davis and J. S. Hoffman. 144,482; Apr. 23.
Filter unit or similar article. W. B. Pond. 143,545; Jan. 15.
Fish lure. F. V. Camp. 145,879; Nov. 12.
Fish lure body. K. D. Richards. 144,071; Mar. 5.
Fishing lure. J. M. Supulver. 145,109; June 25.
Fishing reel. H. I. Mandolf. 145,529; Sept. 3.
Fixture and brush container, Combined display. C. S. Plasket. 145,045; June 18.
Fixture, Bar rail. G. Bassett. 145,771; Oct. 22.
Fixture, Fluorescent lighting. N. M. Robboy. 145,700; Oct. 8.
Fixture, Light. C. D. McCann. 145,696; Oct. 8.
Fixture, Self-service frosted food. C. F. Hoffman. 145,136; July 2.
Flag. C. R. Perry. 144,412; Apr. 9.
Flashlight. E. L. Schofield. 144,522; Apr. 23.
Flashlight. L. E. Stegman. 144,946; June 4.
Flashlight. L. E. Stegman. 145,469; Aug. 20.
Flashlight or like article, Pocket. P. Copeland. 145,427; Aug. 20.
Flask. A. d'Anselme. 146,098; Dec. 24.
Flatiron, Electric. T. W. Kennedy. 143,736; Feb. 5.
Flatiron, Electric. T. W. Kennedy. 144,857; May 28.
Floor covering, Hard surfaced. R. V. Garner and A. P. Macchi. 144,375; Apr. 9.
Flouncing or similar article, Liturgical. O. Frei. 143,528–9; Jan. 15.
Fob and telescopic picture wallet, Combination. G. A. Frank. 143,968; Feb. 26.
Folder, Discharge. M. Schwartz. 144,142; Mar. 12.
Font of numerals. L. Bernhard. 144,536; Apr. 30.
Font of sign panel letters. H. R. Owen. 144,978–9; June 11.
Font of type. O. Gerstl. 144,548; Apr. 30.
Font of type. M. B. Rapp 144,580–1; Apr. 30.
Font of type. C. E. Riddiford. 143,994–6; Feb. 26.
Footlet or similar article. E. Katzman. 144,386; Apr. 9.
Footstool. M. M. Armstrong. 145,415; Aug. 20.
Fork or analogous article. H. E. Nock. 144,868; May 28.
Fork or other article of flatware. J. R. Price. 143,624; Jan. 22.
Fork or other article of flatware. J. R. Price. 145,144; July 2.
Fork or other article of flatware. F. R. Woodward. 143,800; Feb. 12.
Fork or similar article. J. Brunetti. 145,349; Aug. 6.
Fork or similar article. H. E. Nock. 144,630; May 7.
Fork or the like. E. S. Tupper. 144,598; Apr. 30.
Fountain, Portable soda. J. R. Lewis. 145,452; Aug. 20.
Fountain, Poultry. C. L. Kubista. 143,604; Jan. 22.
Fountain unit, Drinking. S. A. Whitt. 145,499; Aug. 27.
Frame and illuminable mirror, Combination picture. V. H. T. McFarland. 145,487; Aug. 27.
Frame, Chair. L. M. Michelson. 143,982; Feb. 26.
Frame for bicycles. C. E. Bruce. 143,572; Jan. 22.
Frame for eyeglasses. M. Schwartz. 146,155; Dec. 31.
Frame for mirrors, pictures, and the like. L. M. Tolpo. 145,593; Sept. 10.
Frame for portable conveyer. E. H. Ensinger. 143,718; Feb. 5
Frame, Hand mirror. J. Casalino. 145,709; Oct. 15.
Frame, Handbag. C. W. Hardy. 145,664; Oct. 1.
Frame, Handbag. P. W. Leifer and P. A. Katz. 144,060; Mar. 5.
Frame, Handbag. H. Morris. 144,796; May 21.
Frame, Hand mirror. J. Casalino. 144,287; Apr. 2.
Frame, Lapel watch. D. Taylor. 145,185–7; July 9.
Frame, Lapel watch. D. Taylor. 145,402–5; Aug. 27.
Frame, Lapel watch. D. Taylor. 146,013; Dec. 3.
Frame or similar article, Folding picture. R. Kraus. 145,669; Oct. 1.
Frame or similar article, Picture. A. Caramadre. 144,957; June 11.
Frame or similar article, Picture. R. W. Mandl. 145,358; Aug. 6.
Frame or similar article, Spectacle. A. Blum. 144,678; May 14.
Frame or the like, Mirror. A. Bach. 144,282–3; Apr. 2.
Frame or the like, Mirror. F. Diamond. 144,291–2; Apr. 2.
Frame or the like, Mirror. F. Diamond. 145,429; Aug. 20.
Frame or the like, Mirror. F. Diamond. 145,662; Oct. 1.
Frame or the like, Mirror. F. H. Fisher. 144,302–4; Apr. 2.

Frame or the like, Mirror. E. H. Fisher. 144,544; Apr. 30.
Frame or the like, Picture. F. H. Fisher. 144,305; Apr. 2.
Frame, Picture. N. Barbieri. 143,388–90; Jan. 1.
Frame, Picture. N. Barbieri. 143,699; Feb. 5.
Frame, Picture. E. H. Goff. 143,916; Feb. 19.
Frame, Picture. H. Heilbroner and G. R. Arons. 144,922; June 4.
Frame, Picture. D. S. Miller. 143,745; Feb. 5.
Frame, Picture. E. E. Moore. 145,902; Nov. 12.
Frame, Picture. E. Oiszewski. 145,257; July 23.
Frame, Picture. H. G. Romberg. 143,672; Jan. 29.
Frame, Picture. U. A. Ylitalo. 144,436–7; Apr. 9.
Frame, Spectacle. W. Basser. 143,700; Feb. 5.
Frame, Spectacle. L. Jacobson. 146,003–4; Dec. 3.
Frame, Vulcanizer machine. L. Steiner. 144,003; Feb. 26.
Front piece for eyeglasses. L. L. Adolf. 145,282; July 30.
Funnel. W. C. P. Zabel and R. C. Helfenbein. 143,458; Jan. 1.
Fuselage for grounded aviation trainers. K. A. Kall. 144,308; Apr. 2.
Game apparatus. B. W. Kleinberg. 144,201; Mar. 19.
Game board. I. Altman. 145,501; Sept. 3.
Game board. C. G. Anderson and L. G. Livesay. 144,149; Mar. 19.
Game board. E. J. Anselman. 144,281; Apr. 2.
Game board. A. W. Bedwin. 143,393; Jan. 1.
Game board. J. U. Bihl. 145,559; Sept. 10.
Game board. W. J. Burnett. 144,285; Apr. 2.
Game board. R. W. Byrer. 145,118; July 2.
Game board. L. E. Christie. 145,067; June 25.
Game board. W. M. Enfield. 143,412; Jan. 1.
Game board. D. Fillson and D. B. Crollard. 145,840; Oct 29.
Game board. C. A. Fuschino. 144,374; Apr. 9.
Game board. R. R. Hart. 146,105; Dec. 24.
Game board. B. F. Hirsch. 144,307; Apr. 2.
Game board. J. Magro. 146,114; Dec. 24.
Game board. J. F. Martin and A. B. Van Hee. 143,668; Jan. 29.
Game board. H. M. Muncheryan. 146,060; Dec. 10.
Game board. A. C. Spatz. 144,526; Apr. 23.
Game board. E. J. Reiff. 143,625; Jan. 22.
Game board. M. R. Rice. 145,362; Aug. 6.
Game board. B. F. Shepherd. 143,556; Jan. 15.
Game board. C. M. Swarr. 143,681; Jan. 29.
Game board. D. Vincelle. 145,914; Nov. 12.
Game board. T. J. Willett. 143,456; Jan. 1.
Game board. W. C. Wymer. 145,644; Sept. 24.
Game board. S. D. Yohanan. 144,656; May 7.
Game board, Educational. J. J. Faberman. 143,527; Jan. 15.
Game board, Educational. J. J. Faberman. 143,649; Jan. 29.
Game, Casing for coin operated. E. B. Eckland. 144,701; May 14.
Game device. L. D. Davidson. 143,526; Jan. 15.
Game device, Educational. V. H. Rhines. 143,935; Feb. 19.
Game device, Golf putting. R. A. Marr. 143,838; Feb. 12.
Game device or other similar article, Bowling. L. Sharps. 143,535; Jan. 15.
Game enclosure, Marble. F. H. King. 146,005; Dec. 3.
Game pieces, Set of picture. G. Myseis. 145,408; Aug. 13.
Garment for outer wear, Slipover. G. Waugh. 143,776; Feb. 5.
Garment hanger. J. Bolten. 145,053; June 25.
Gate. P. L. Bult. 145,059; June 25.
Gauge, Height. P. Aiken. 144,475; Apr. 23.
Generator, Bicycle. M. Katcher. 143,919; Feb. 19.
Generator, Optical curve. J. Desenberg. 144,103; Mar. 12.
Glasses, Jewel studded sun. L. Colwell. 144,289; Apr. 2.
Glider. P. V. Armstrong. 145,769; Oct. 22.
Glider. P. V. Armstrong. 145,918–20; Nov. 19.
Globe, Lighting fixture. J. J. Kreidler. 144,251; Mar. 26.
Goblet. C. H. Burger. 144,447; Apr. 16.
Goblet. C. H. Burger. 144,478; Apr. 23.
Goggles. O. W. Heinz. 144,782; May 21.
Golf bag cart. W. Quiring. 144,069; Mar. 5.
Grill. M. J. Lewis. 145,810; Oct. 22.
Grille or similar article, Radio speaker. L. G. Stone. 145,912; Nov. 12.
Grinding fixture, Spiral. A. A. Tobias. 143,683; Jan. 29.
Grip for sanitary belts. I. S. De Woskin. 144,290; Apr. 2.
Guard and license plate holder, Combination bumper. W. P. Wagner and E. T. Gregorle. 145,915; Nov. 12.
Gun and wing attachment for bicycles, Mock machine. W. J. Ward. 144,013; Feb. 26.
Hair waving device. V. S. Graham. 145,893; Nov. 12.
Hairpin or similar article. L. T. Sawyer. 143,997; Feb. 26.
Hammer head. J. E. Lydle. 143,979; Feb. 26.
Hammer head, B. L. McClure. 145,815; Oct. 22.
Hammer head, Chipping. B. L. McClure. 145,636; Sept. 24.
Hammer, Staple. R. E. Barclay. 144,673; May 14.
Hammock body or the like. A. J. Kolonics. 145,303–6; July 30.
Hamper, Clothes. J. J. Kohen. 144,791–2; May 21.
Handbag. B. Calem. 145,005; June 18.
Handbag. B. Calem. 145,473; Aug. 27.
Handbag. M. C. Demerer. 145,070; June 25.
Handbag. M. M. Deutz. 144,451; Apr. 16.
Handbag. M. M. Deutz. 144,913–14; June 4.
Handbag. E. A. Farley. 146,077; Dec. 17.
Handbag. E. N. Graham. 144,557; Apr. 30.
Handbag. F. X. Hiltenbrand. 144,458; Apr. 16.
Handbag. F. X. Hiltenbrand. 146,081; Dec. 17.
Handbag. B. Kalisher. 145,088; June 25.
Handbag. L. Kaphan. 144,114; Mar. 12.
Handbag. L. Kaufman. 143,600; Jan. 22.
Handbag. L. Kaufman. 145,254; July 23.
Handbag. B. Kellsher. 144,925; June 4.
Handbag. M. J. Kruger. 143,920; Feb. 19.
Handbag. L. C. Levine. 143,539; Jan. 15.
Handbag. I. Pichel. 144,731; May 14.
Handbag. F. H. Rath. 143,932–4; Feb. 19.
Handbag. F. H. Rath. 144,137; Mar. 12.
Handbag. F. H. Rath. 144,514; Apr. 23.
Handbag. F. H. Rath. 144,733; May 14.
Handbag and belt, Combined. A. B. Deitsch. 143,900; Feb. 19.
Handbag or similar article. C. A. Furst. 144,456; Apr. 16.
Handbag or similar article. J. W. Meadow. 143,611; Jan. 22.
Handbag or similar article. F. G. Unger. 144,008; Feb. 26.
Handbag or the like. M. J. Cohen. 143,578–80; Jan. 22.
Handbag or the like. M. J. Cohen. 143,950; Feb. 26.
Handle. F. C. Wallace. 145,343; July 30.
Handle for cooking utensils. R. B. Wemyss. 143,568–70; Jan. 15.
Handle for cooking utensils. R. B. Wemyss. 145,643; Sept. 24.
Handle for cooking utensils, Rigid side. R. B. Wemyss. 143,567; Jan. 15.
Handle for kitchen utensils or similar article. J. H. Chandler. 145,687; Oct. 8.
Handle for tray or the like. F. Abelson. 145,280–1; July 30.
Handle for valves or the like. M. J. Rausch. 145,604; Sept. 17.
Handle, Gauge. R. E. Snyder. 144,423; Apr. 9.
Handle grip, Cyclist. D. R. Black. 144,446; Apr. 16.
Handle, Kitchen utensil. F. K. Storm. 143,563; Jan. 15.
Handle or similar article, Drawer. C. E. Lindberg. 145,177; July 9.
Handle or similar article, Drawer. J. White. 145,606; Sept. 17.
Handle or the like, Faucet. R. H. Zinkil. 145,607; Sept. 17.
Handle, Stove. D. E. Stewart. 144,638; May 7.
Handle, Tool. W. H. Odlum. 143,931; Feb. 19.
Hand-piece or the like, Dental apparatus. A. Hunan. 146,082; Dec. 17.
Hand-truck or similar article, Industrial. F. E. Gaines. 143,420; Jan. 1.
Hand tool unit, Portable power-driven. F. E. Anderson. 145,346; Aug. 6.
Hanger, Automobile hat and coat. O. W. Kimsey. 143,825; Feb. 12.
Hanger, Clothes. L. Kirsch. 143,826–31; Feb. 12.
Hanger, Cup. W. Katz. 143,977; Feb. 26.
Hanger for ladders, Bucket. K. S. Ewer. 143,720; Feb. 5.
Hanger, Garment. J. Bolten. 144,679–80; May 14.
Hanger, Garment. J. Bolten and H. Spitz. 144,681; May 14.
Hanger, Garment. L. Levin. 146,056; Dec. 10.
Hanger, Garment. L. Levin. 146,085; Dec. 17.
Hanger, Garment. H. C. Riemann. 143,626; Jan. 22.
Hanger or similar article. J. Read. 144,871; May 28.
Hanger or similar article. J. Read. 145,856–7; Oct. 29.
Hanger, Suit. F. P. Crowley. 144,696; May 14.
Hat. L. J. Laskin. 144,395; Apr. 9.
Hat. F. Le Bouedec. 143,739; Feb. 5.
Hat. F. Le Bouedec. 143,833–4; Feb. 12.
Hat. A. L. McCann. 144,405; Apr. 9.
Hat or similar article. L. G. Arpin. 144,151; Mar. 19.
Hat or similar article. H. Bonn. 145,560; Sept. 10.
Hat or similar article. H. Lazarus. 144,119; Mar. 12.
Head for a hobby horse or similar article. D. C. Stanley. 144,427; Apr. 9.
Head, Tripod. B. R. Sparks. 145,466; Aug. 20.
Heat circulating unit. P. N. Hobbs and C. C. Merchant. 144,502; Apr. 23.
Heater. K. H. Brown and L. L. Harle. 144,097; Mar. 12.
Heater, Electric. H. G. Landis. 144,722; May 14.
Heater, Electric. H. C. Robinette. 144,983–4; Apr. 30.
Heater, Electric. J. E. Smith. 144,637; May 7.
Heater, Electric. J. B. Swartzbaugh. 145,544; Sept. 3.
Heater, Electric. J. B. Swartzbaugh. 145,913; Nov. 12.
Heater, Electric space. G. Steibgruber. 144,004; Feb. 26.
Heater, Portable. J. H. Leslie, II. 144,928; June 4.
Heater, Portable electric. H. C. Robinette. 144,585; Apr. 30.
Heater, Portable space. R. R. Hutcheson. 145,025; June 18.
Heater, Unit. J. B. Koch. 144,721; May 14.

Heel and counter unit for a shoe or similar article, Combined. E. S. Payne. 145,817; Oct. 22.
Heel and platform for a shoe or similar article, Combined. J. Kowal. 144,460; Apr. 16.
Heel or similar article, Rubber. S. G. Wager. 143,944; Feb. 19.
Heel, Rubber. E. Bunting. 145,378; Aug. 13.
Helicopter. A. Gazda. 144,705–9; May 14.
Helicopter. A. Gazda. 145,932; Nov. 19.
Helicopter. P. M. Lewis. 144,400–1; Apr. 9.
Helicopter. R. H. Prewitt. 144,986; June 11.
Helicopter. R. A. Wolf. 146,161; Dec. 31.
Hitch, Tractor. R. Heath. 143,970; Feb. 26.
Hobby horse. B. Rosenberg. 144,521; Apr. 23.
Hoist. V. L. Darnell. 143,525; Jan. 15.
Holder and ash tray, Combined chip. H. L. Canova. 144,541; Apr. 30.
Holder and cigarette lighter, Combined lipstick. A. Monturo. 144,125; Mar. 12.
Holder, Bottle. E. M. Butterfield. 145,611; Sept. 24.
Holder, Brush. H. Van Doren. 144,328; Apr. 2.
Holder, Candle. A. Bach. 144,232; Mar. 26.
Holder, Cigarette. G. Goldman. 144,854; May 28.
Holder, Cigarette. M. R. Grandon. 143,725; Feb. 5.
Holder, Collar. O. V. Anderson. 145,283–4; July 30.
Holder, Cup and saucer. C. Richards. 144,735; May 14.
Holder, Electric shaver. A. E. Hutt. 145,084; June 25.
Holder, Fish pole. G. L. Curtis. 143,952; Feb. 26.
Holder, Flowerpot. H. P. Hanson. 144,248; Mar. 26.
Holder for cocktail or soda stirrers, pencils, or the like. M. Rosenblatt. 145,146; July 2.
Holder for flowers or other slender articles. F. P. Fletcher. 145,867–8; Nov. 5.
Holder for napkins and condiment sets, Combination. R. E. Dye. 144,105; Mar. 12.
Holder for paper towels or the like. T. O. Smith. 143,676; Jan. 29.
Holder for rolled paper products or the like. T. O. Smith. 143,677; Jan. 29.
Holder for tooth paste tubes and the like, Dispensing. W. J. Buchele. 144,690; May 14.
Holder, Hand line. C. H. Badgley. 145,502; Sept. 3.
Holder, Knife. J. L. Hvale. 145,172; July 9.
Holder, Lipstick. J. D. Buckingham. 145,506; Sept. 3.
Holder, Magazine and paper. R. Newman. 145,225; July 16.
Holder, Napkin. R. E. Dye. 144,106; Mar. 12.
Holder, Necktie. J. J. Meindl. 143,743; Feb. 5.
Holder, Nursing bottle. C. Tubiolo. 143,771; Feb. 5.
Holder or similar article, Lipstick. M. Grabol. 145,077; June 25.
Holder or similar article, Pipe. E. J. Rich. 144,138; Mar. 12.
Holder or similar article, Soap cake. H. H. Gray. 145,729; Oct. 15.
Holder or the like, Display card. L. P. Woodward. 143,780; Feb. 5.
Holder or the like, Utility. Pietro and Peter Maniscalco, Jr. 143,436; Jan. 1.
Holder, Pen and pencil. E. C. Moe. 144,866; May 28.
Holder, Pencil lead. J. C. Winslow. 144,474; Apr. 16.
Holder, Pipe. B. E. Sahin. 144,072; Mar. 5.
Holder, Plate. C. Richards. 144,736; May 14.
Holder, Rouge. L. H. Pfohl. 144,413; Apr. 9.
Holder, Score pad. G. Tucker. 145,877; Nov. 5.
Holder, Spool. L. P. Neats. 146,009; Dec. 3.
Holder, Toothbrush. S. L. Barna. 144,233; Mar. 26.
Holder, Tooth brush. D. Bellock. 144,535; Apr. 30.
Holder, Toothbrush. G. J. Evelich. 145,291; July 30.
Holder, Toothbrush. A. F. Sulak. 144,997; June 11.
Holder, Tumbler and brush. H. Van Doren. 144,327; Apr. 2.
Hone, Scissors. E. Todd. 144,878; May 28.
Hood, Flight trainer. R. C. Dehmel. 146,076; Dec. 17.
Hood or similar article, Make-up. M. Schaefer. 144,221; Mar. 19.
Hook, Double robe. J. Gerity, Jr. 145,933; Nov. 19.
Hook, Garment. H. A. Marsh. 145,813; Oct. 22.
Hourglass unit. P. Artzt. 145,375; Aug. 13.
House, Deck. C. M. Leavitt. 144,059; Mar. 5.
House for a ship, Deck. C. M. Leavitt. 145,451; Aug. 20.
Housing for a power lawn mower. J. O. Smither. 144,596; Apr. 30.
Housing for cathode ray apparatus. T. G. Clement. 143,796; Feb. 12.
Housing for dispensing apparatus. C. W. Sundberg. 144,812–19; May 21.
Housing for petroleum dispensing apparatus. R. J. Kirby. 144,250; Mar. 26.
Housing or similar article, Carpet sweeper. L. H. Snyder and K. D. Yost. 144,222; Mar. 19.
Housing, Rotary mower. J. G. Doyle. 145,836; Oct. 29.
Humidor, Cigar counter. R. B. Wemyss. 144,276; Mar. 26.
Humidor or similar article. G. E. Nettleton, Jr. 143,615; Jan. 22.
Hydrant. E. M. Deters. 144,160; Mar. 19.
Hygrometer. B. E. Lawrence. 143,432; Jan. 1.
Index or similar article, Telephone-address. G. L. Beckstrom. 145,968; Nov. 26.
Indicator for processing dental plastics, Timing. E. D. Stiles. 145,824; Oct. 22.
Infusion unit for a coffee maker. R. L. Smith. 143,557–8; Jan. 15.
Inkwell. N. A. Reinhart. 144,216; Mar. 19.
Iron, Electric. R. Opperman. 143,502; Jan. 8.
Iron or similar article, Electric. L. H. Snyder. 143,884; Feb. 12.
Iron or similar article, Electric. L. H. Snyder. 145,465; Aug. 20.
Iron, Pressing. F. A. Miller. 143,984; Feb. 26.
Ironing machine. C. J. Godfrey. 146,023; Dec. 10.
Jack, Boot. T. L. Hauret. 143,819; Feb. 12.
Jacket. S. Etkin. 144,168; Mar. 19.
Jacket. S. Etkin. 144,845–6; May 28.
Jacket. S. Etkin. 145,715; Oct. 15.
Jacket. N. Finkelstein. 145,517; Sept. 3.
Jacket. Z. Golden. 143,473–5; Jan. 8.
Jacket. Z. Golden. 144,189–90; Mar. 19.
Jacket. Z. Golden. 144,551; Apr. 30.
Jacket. Z. Golden. 145,721–8; Oct. 15.
Jacket or similar article. M. Sicea. 145,336–8; July 30.
Jacket or similar article. M. Sicea. 145,986–8; Nov. 26.
Jar and bottle cap remover. B. H. Stewart. 145,647; Sept. 24.
Jar or similar article. C. R. Havens. 145,212; July 16.
Jar or similar article. Z. Radow. 144,732; May 14.
Jar or similar article. J. L. Snyder, Jr. 145,758; Oct. 15.
Jewelry display box or the like. L. A. Carrière. 143,711; Feb. 5.
Jewelry finding. H. Rubin. 145,751; Oct. 15.
Jewelry finding. C. Schraysshuen. 144,523–4; Apr. 23.
Jewelry finding. C. Schraysshuen. 145,752–5; Oct. 15.
Jewelry finding. J. E. Sutherlin. 145,236; July 16.
Jigger and bottle opener, Combination. J. G. de Lemos. 145,245; July 23.
Key for musical instruments, Valve. M. S. Brockman. 143,708; Feb. 5.
Key guard for a saxophone, Demountable. E. J. Gillespie. 145,889; Nov. 12.
Kit, Toilet. N. R. Worley. 144,533; Apr. 23.
Knife and gripping tool, Combined. I. H. Palmer and R. F. Williamson. 143,670; Jan. 29.
Knife, Kitchen utility. C. L. Kahler. 144,192; Mar. 19.
Knife, Pocket. H. J. Smoleroff. 145,234; July 16.
Knob for stoves and the like, Gas control. D. E. Stewart. 145,188; July 9.
Knob or similar article, Control. M. Eastham. 143,807; Feb. 12.
Knob, Tap. C. C. Merritt. 144,408; Apr. 9.
Knob, Tap. C. C. Merritt. 146,117; Dec. 31.
Knocker, Door. E. J. Fairbank. 143,914; Feb. 19.
Knocker, Door. J. Stephens. 145,365; Aug. 6.
Lace fabric, Knitted. S. Saffias. 144,633–4; May 7.
Lace or similar article. O. A. Scheurmann. 143,551–2; Jan. 15.
Lace or similar article. J. D. Wiener. 144,531; Apr. 23.
Ladle. R. H. Abel. 145,830; Oct. 29.
Lamp. W. F. Masterson. 146,116; Dec. 24.
Lamp. D. J. McGinnis. 146,113; Dec. 24.
Lamp. H. Rubin. 144,257; Mar. 26.
Lamp. H. Rubin. 145,588; Sept. 10.
Lamp and display case, Combined desk. L. W. Terry. 144,745; May 14.
Lamp base. N. R. Schwartz. 144,040; June 4.
Lamp, Clearance. W. Trautner. 145,277; July 23.
Lamp, Electric. J. Lolli. 145,137–8; July 2.
Lamp, Electric. J. Lolli. 145,583; Sept. 10.
Lamp for a range. J. D. Coleman. 144,695; May 14.
Lamp or similar article. H. Asch. 144,828; May 28.
Lamp or similar article. H. Asch. 146,063; Dec. 10.
Lamp or similar article. W. H. Miller. 144,626; May 7.
Lamp or similar article. E. V. Sundt. 144,877; May 28.
Lamp, Portable desk. A. L. Miller. 143,844; Feb. 12.
Lamp, Shade with luminous figures. J. Ross. 145,274; July 23.
Lamp, Side marker. W. Trautner. 145,278; July 23.
Lampstand and clock, Combined electric. D. W. A. Cameron. 144,539; Apr. 30.
Lamp, Table. A. I. Alter. 145,557; Sept. 10.
Lamp, Table. M. S. Karp. 145,026; June 18.
Lamp, Table. C. O. Larson. 145,946; Nov. 19.
Lantern, Electric. J. P. Borowski. 144,022; Mar. 5.
Latch, Refrigerator door. M. A. Blackwood. 144,234; Mar. 26.
Latch, Screen door. F. T. Goughnour. 144,556; Apr. 30.
Latch unit. W. G. Dieter. 144,485; Apr. 23.
Latching device. J. Innes, L. Cohen, and L. Spatz. 143,918; Feb. 19.
Lavatory, Combination portable. W. L. Smith. 144,811; May 21.
Lawn trimmer, Power driven. L. B. Goodall. 145,438; Aug. 20.
Leather, Embossed. L. I. Freedman. 145,294; July 30.
Leather fabric or the like, Plaited-embossed artificial. J. Frischer. 143,723; Feb. 5.
Leather or similar article. S. Galper. 144,616; May 7.
Leather or similar article, Embossed. L. I. Freedman. 144,704; May 14.
Lens, Magnifying. M. Rosenberg. 145,638; Sept. 24.
Lifter or similar article, Egg. A. J. Zeleski. 144,441; Apr. 9.
Light and tongue depressor, Combined medical hand. J. A. Korengold. 143,662; Jan. 29.

Light bowl, Electric. A. J. D. Ohm. 144,131; Mar. 12.
Light, Gas marker. W. Trautner. 144,527; Apr. 23.
Light, Corner marker. W. Trautner. 145,279; July 23.
Light, Night. J. P. Endsley. 145,782; Oct. 22.
Lighter, Cigar. P. Meshberg. 145,183; July 9.
Lighter, Cigar and cigarette. J. Galter. 145,130; July 2.
Lighter, Cigar and cigarette. B. H. Gostkowski. 143,585; Jan. 22.
Lighter, Cigar and cigarette. L. H. Kirkell. 145,484; Aug. 27.
Lighter, Cigar and cigarette. H. J. Small. 144,078; Mar. 5.
Lighter, Cigarette. R. Feurer. 145,125; July 2.
Lighter, Cigarette. C. M. Fox. 145,886; Nov. 12.
Lighter, Cigarette. H. A. Specht. 144,876; May 28.
Lighter for cigarettes or the like. L. J. Strauss. 145,235; July 16.
Lighter or similar article, Cigar. F. Kaupmann. 145,217–18; July 16.
Lighter or similar article, Cigarette. N. M. Robboy. 145,328; July 30.
Lighter or the like, Cigarette. I. Florman. 143,417; Jan. 1.
Lighting fixture, Electric. A. E. Wiedenhoeft. 145,471; Aug. 20.
Lighting fixture, Fluorescent. A. W. and L. M. Kirchmer. 145,219; July 16.
Lighting fixture, Fluorescent. C. Nitardy. 145,323; July 30.
Lighting fixture, Louvered fluorescent. D. J. Biller and B. A. Kaeppel. 143,641; Jan. 29.
Light meter, Hooded. R. B. Thomas. 145,413; Aug. 13.
Link, Cartridge belt. A. W. Roe. 146,089; Dec. 17.
Link chain for a bracelet or similar article. J. Braunstein. 144,901–4; June 4.
Link chain for a bracelet or similar article. M. Chernow. 144,906; June 4.
Link for bracelets and the like. N. D. Wyckoff. 144,655; May 7.
Lock, Combination keyless and key. E. F. Bouhall. 144,685; May 14.
Lock, Keyless. E. F. Bouhall. 144,682–4; May 14.
Lounge, Chair. J. F. Laskowitz. 145,092; June 25.
Lubrication unit, Portable. W. C. Bauer. 144,538; Apr. 30.
Lubricator, Mechanical. B. E. Folke and R. H. Shepard. 145,393; Aug. 13.
Machine for beverages and ice cream, Dispensing. J. A. Chambers. 146,131; Dec. 31.
Machine, Stapler. H. Ruskin. 143,509; Jan. 8.
Magazine or similar article, Magnetic record. M. Camras. 143,575; Jan. 22.
Magnifier, Table. J. R. Miles. 143,744; Feb. 5.
Mailbox. V. Aleks. 145,608; Sept. 24.
Mailbox. A. V. Ocone. 144,631; May 7.
Marking instrument and stand, Combined. S. A. Harris. 146,025; Dec. 10.
Marking machine, Casing for a. T. B. Messick. 145,095; June 25.
Mask, Airplane. E. M. Wilson. 144,750; May 14.
Mask or similar article. A. Frohman. 144,851–2; May 28.
Mask, Swim. J. Browne. 143,948; Feb. 26.
Mask, Under-water. H. L. Messinger. 144,624–5; May 7.
Massager, Scalp. J. K. Kahn. 145,626; Sept. 24.
Massaging device or similar article. L. H. Snyder and W. L. Wiser. 143,678; Jan. 29.
Mat, Bathtub. C. E. Wakefield. 146,159; Dec. 31.
Mat or similar article, Place. K. C. Hamilton. 145,133; July 2.
Mat or similar article, Table. H. J. Muller. 145,322; July 30.
Mat, Stove. E. G. Pfursich. 143,623; Jan. 22.
Material for fragile articles, Packing. E. L. Shepard. 145,985; Nov. 26.
Medal. H. M. Keiper. 143,735; Feb. 5.
Medal. H. M. Keiper. 145,089; June 25.
Medallion, Embroidered monogrammed. E. P. Holdsmith. 144,564; Apr. 30.
Medallion or similar article, Liturgical. O. A. Scheurmann. 143,548–50; Jan. 15.
Megaphone, Electric. H. C. Dalrymple. 144,698; May 14.
Microscope. O. C. Blomgren. 143,396; Jan. 1.
Mirror. T. Friedman. 143,653–5; Jan. 29.
Mirror. W. B. Ligorner. 146,058; Dec. 10.
Mirror and stand or similar article, Combination hand. C. D. Blake. 145,051; June 25.
Mirror, and towel bar, Combined wall shelf. E. M. Johnson. 143,595; Jan. 22.
Mirror, Hand. L. Farber. 145,392; Aug. 13.
Mirror, Hand. F. J. Troy and F. Silver. 144,084; Mar. 5.
Mirror or similar article. H. H. Lessler. 145,312; July 30.
Mirror or similar article, Hand. P. A. Derham. 143,954; Feb. 26.
Mirror or similar article, Side view. L. F. Sarnes. 145,910; Nov. 12.
Mirror, Rear view. E. B. Somers. 144,740; May 14.
Mirror, Rear view automobile. B. Putterman. 145,459; Aug. 20.
Mitt, Powder. J. S. Fulkerson and G. C. McCoy. 143,817; Feb. 12.
Mixer, Drink. L. Myers. 143,929; Feb. 19.
Mixer, Drink. E. S. Prince and J. Brotheridge. 144,934; June 4.
Mixer, Food. J. B. Kessel. 145,940; Nov. 19.
Mixer, Food. W. E. Maxson, Jr., and F. Rodwick. 143,981; Feb. 26.
Motorcycle. F. Brogan. 145,772; Oct. 22.
Motorcycle, Armored. S. T. Alexander. 144,344; Apr. 9.
Motor for an electrically driven mixer. L. Myers. 143,930; Feb. 19.
Motor, Jet. H. W. Morgan. 144,574; Apr. 30.
Motor, Rocket. J. C. Baker. 144,095; Mar. 12.
Motor, Rocket. H. W. Morgan. 143,846; Feb. 12.
Mounting, Faucet. R. H. Zinkil and H. Dreyfuss. 143,783; Feb. 5.
Mounting, Photographic. R. Wolfe. 144,954; June 4.
Mouthpiece, Musical instrument. J. Thompson. 143,770; Feb. 5.
Mower, Lawn. F. W. Wells. 144,953; June 4.
Muffler. H. P. Bye. 143,524; Jan. 15.
Music sheet. F. G. Thannhauser. 143,942; Feb. 19.
Napkin or similar article. K. C. Hamilton. 145,132; July 2.
Necklace. H. Sheer. 144,525; Apr. 23.
Necklace or similar article. J. Rubel. 143,444; Jan. 1.
Necklace or similar article. N. Wolf. 144,532; Apr. 23.
Negligee. V. Giovagnoni. 144,970; June 11.
Net, Fishing. M. J. Meek and B. C. Hagquist. 145,405; Aug. 13.
Nightgown or similar article. C. Zinaman. 144,148; Mar. 12.
Nipple for nursing bottle. R. Wagner. 143,774; Feb. 5.
Nozzle and brush for a vacuum cleaner or similar article, Combined. K. H. Wittke. 144,229; Mar. 19.
Nozzle, Rocket motor. J. C. Baker. 143,947; Feb. 26.
Nozzle, Spray. H. Richards. 145,538; Sept. 3.
Nutcracker. R. Rohin. 145,955; Nov. 19.
Occlusion apparatus, Dental. E. O'Donnell. 143,987; Feb. 26.
Oil island. F. L. Ayres. 145,243; July 23.
Opener and paperweight, Combination letter. L. F. Johnson. 146,108; Dec. 24.
Opener, Bottle. F. O. Labich. 145,635; Sept. 24.
Opener, Container. H. J. Talze. 144,224; Mar. 19.
Opener, Letter. J. J. Callchio. 145,656; Oct. 1.
Opener, letter opener, and nail file, Combination bottle. R. H. Winslow, W. E. Bloom, and H. F. Aldrich. 144,228 Mar. 19.
Optical unit. R. H. Wager. 145,993; Nov. 26.
Ornament for cosmetic receptacles and other articles. W. J. Reilly. 144,415–6; Apr. 9.
Ornament, Hair. J. C. Roberts. 144,218; Mar. 19.
Ornament or similar article, Ear. A. Boutemy. 145,196; July 16.
Ornament or similar article, Lapel. C. Wandt. 144,086; Mar. 5.
Ornament or similar article, Shoe. R. O. Green. 143,424; Jan. 1.
Ornament, Two-piece hair. J. C. Roberts. 144,217; Mar. 19.
Orphrey or similar article. O. A. Scheurmann. 143,553; Jan. 15.
Overboot or similar article. L. H. L'Hollier. 145,453; Aug. 20.
Overshoe, Rubber. E. Gottschalk. 145,439; Aug. 20.
Package, Bottle display. A. Altman. 143,326; Jan. 1.
Package for curtains, Display. R. S. MacCallum. 146,086; Dec. 17.
Package in the form of a boat. T. B. Hodge. 144,504; Apr. 23.
Pad and bridge bid indicator, Combined. S. T. Moreland. 143,928; Feb. 19.
Palette, Color harmony. E. F. Crane. 144,909–10; June 4.
Panel, Combined pencil and advertising. J. G. Lipic, Jr. 144,402; Apr. 9.
Panel of embossed leather. F. O. Merz. 143,839–43; Feb. 12.
Panel or similar article, Washer control. H. W. Miller. 144,254; Mar. 26.
Panel or the like, Building siding. M. J. Harris. 144,378; Apr. 9.
Paper or similar article of stationery, Writing. M. Cohen. 145,068; June 25.
Paper or the like, Sheet of writing. L. F. Bockmann. 144,888–99; June 4.
Paper or the like, Wrapping. E. A. Messenger. 144,511; Apr. 23.
Paper, Wrapping. J. W. Elder. 143,410; Jan. 1.
Paper, Wrapping. J. W. Elder. 145,019–20; June 18.
Pastry shell frame or insert. E. H. Abell. 144,093; Mar. 12.
Peeler, Vegetable. R. P. De Vault. 143,714; Feb. 5.
Pen, Ball point fountain. L. J. Campbell and M. E. Hirsch. 147,016; Dec. 10.
Pen barrel or similar article, Fountain. G. L. Beckstrom. 144,534; Apr. 30.
Pen, Fountain. T. F. Brinson. 145,114–15; July 2.
Pen, Fountain. D. C. Crain. 144,769; May 21.
Pen, Fountain. N. D. Fish and L. P. Martin. 144,358; Apr. 9.
Pen, Fountain. W. Green and P. Schladermundt. 145,870; Nov. 5.

Pen, Fountain. M. Reynolds. 143,508; Jan. 8.
Pen, Fountain. M. Reynolds. 145,586–7; Sept. 10.
Pen or the like, Fountain. T. D. Flanagan. 145,431; Aug. 20.
Pen, Writing. H. E. Steinberg. 146,012; Dec. 3.
Pencil. L. R. Christensen. 144,238; Mar. 26.
Pencil. W. S. Deree and A. L. Coulter. 144,161; Mar. 19.
Pencil. D. Kahn. 144,621; May 7.
Pencil and calendar, Combined. L. B. Crain. 145,122; July 2.
Pencil and eraser, Combined. S. Iwanowicz. 144,459; Apr. 16.
Pencil ferrule. E. S. Mallard. 145,182; July 9.
Pencil for telephone dials. O. White. 143,515; Jan. 8.
Pencil holder and lead dispenser, Combination. J. L. Botkin. 144,350; Apr. 9.
Pencil, Mechanical. M. Kahn. 145,806; Oct. 22.
Pencil or similar article. F. G. Meyer. 143,612; Jan. 22.
Pendant. C. Schrayesshuen. 144,805–9; May 21.
Pendant or the like. F. P. Kinsley. 144,297; Apr. 2.
Photocopy machine. F. S. Loeter. 143,652; Jan. 29.
Photographic enlarger. K. N. Swanson. 144,326; Apr. 2.
Piano. A. Bach. 145,648–9; Oct. 1.
Piano. C. C. Nields. 143,501; Jan. 8.
Piano. W. Zalser. 143,459–60. Jan. 1.
Piano. W. Zalser. 143,634–38; Jan. 22.
Piano. W. Zalser. 144,090–2; Mar. 5.
Piano. W. Zalser. 144,230; Mar. 19.
Piano. W. Zalser. 144,438–40; Apr. 9.
Piano. W. Zalser. 144,882; May 28.
Piano. W. Zalser. 145,094; Nov. 26.
Piano. W. Zalser. 146,163–4; Dec. 31.
Pin. E. D. Bassett. 144,348; Apr. 9.
Pin. R. Kestler. 145,979; Nov. 26.
Pin and perfume container, Combined lapel. H. Graeter. 145,394; Aug. 13.
Pin and perfume container, Combined lapel. H. Graeter. 146,104; Dec. 24.
Pin, Brooch. H. Strauss and R. Gardel. 143,451–2; Jan. 1.
Pin, Class. R. W. Bates. 146,096; Dec. 24.
Pin clip or similar article. A. Philippe. 145,266–7; July 23.
Pin clip or similar article. A. Philippe. 145,270–1; July 23.
Pin clip or similar article. A. Philippe. 145,273; July 23.
Pin, Costume jewelry. J. Calaniello. 143,899; Feb. 19.
Pin, Costume jewelry. J. Calaniello. 144,480; Apr. 23.
Pin, Costume jewelry. J. Calaniello. 144,830–1; May 28.
Pin, Jewelry. M. Horovitz. 144,505; Apr. 23.
Pin, Jewelry. C. T. Merscreau. 144,253; Mar. 26.
Pin, Jewelry. G. Stangl. 143,448; Jan. 1.
Pin or similar article. M. Boucher. 145,055–8; June 25.
Pin or similar article. W. Crompton and M. J. Laurie. 143,798; Feb. 12.
Pin or similar article. W. Diehl. 143,956–9; Feb. 26.
Pin or similar article. W. Diehl. 144,239–43; Mar. 26.
Pin or similar article. R. H. McNiece and G. Mahoney. 144,977; June 11.
Pin or similar article. O. Pennino. 143,877–8; Feb. 12.
Pin or similar article. M. Slater. 145,460–4; Aug. 20.
Pin or similar article. K. Speck. 143,559–62; Jan. 15.
Pin or similar article. K. Speck. 143,999–144,002; Feb. 26.
Pin or similar article. K. Speck. 144,265–8; Mar. 26.
Pin or similar article. K. Speck. 144,424–6; Apr. 9.
Pin or similar article. K. Speck. 144,875; May 28.
Pin or similar article. K. Speck. 145,591; Sept. 10.
Pin or similar article. S. Vergara. 144,432; Apr. 9.
Pin or similar article, Brooch. W. W. Hobé. 145,213–14; July 16.
Pin or similar article, Chatelaine. A. Katz. 144,198; Mar. 19.
Pin or similar article, Jewelry. A. Casciano. 144,958; June 11.
Pin or similar article, Jewelry. J. J. Marsella. 145,094; June 25.
Pin or similar article, Jewelry. J. J. Marsella. 145,319–20; July 30.
Pin or similar article, Jewelry. F. Morrow. 144,204–8; Mar. 19.
Pin or similar article, Jewelry. F. Morrow. 144,629; May 7.
Pin or similar article, Jewelry. F. Morrow. 145,743; Oct. 15.
Pin or similar article, Jewelry. C. Schrayesshuen. 144,258–63; Mar. 26.
Pin or similar article, Jewelry. C. Schrayesshuen. 144,311–24; Apr. 2.
Pin or similar article, Jewelry finding for a. O. Pennino. 143,988; Feb. 26.
Pin or similar article, Lapel. L. Palliser. 143,748; Feb. 5.
Pipe. G. T. Ash. 144,345–6; Apr. 9.
Pipe for women, Tobacco smoking. W. Arnold. 143,786; Feb. 12.
Pipe or similar article, Tobacco. F. Snyder. 146,158; Dec. 31.
Pipe rest. F. H. Fisher. 144,170; Mar. 19.
Pipe, Smoking. H. A. Bercu. 145,113; July 2.
Pipe, Smoking. D. Goulston and O. T. Edlund. 143,423; Jan. 1.
Pipe, Smoking. E. L. Hollenbeck. 143,593; Jan. 22.
Pitcher. H. T. Homan. 146,026; Dec. 10.
Plane, Wood. F. J. Zagunny. 145,982; Nov. 19.
Plaque. A. Paladini. 145,457; Aug. 20.
Plaque or similar article. J. Russo. 145,860; Oct. 29.
Plaque or similar article, Display. M. J. Piraino. 144,135; Mar. 12.
Plaque, Service. M. B. Maxwell. 144,123; Mar. 12.
Plastic unit for handbags or the like. J. L. Friedman. 144,172; Mar. 19.
Plate. C. W. Carlson. 145,612–13; Sept. 24.
Plate, Desk name. A. L. MacRae. 145,178; July 9.
Plate for a double bath faucet or the like, Cover. R. H. Zinkil. 143,695; Jan. 29.
Plate for a fluorescent fixture, End. J. H. Steinberg. 145,960; Nov. 19.
Plate for air conditioners, Face. B. Essick. 146,100; Dec. 24.
Plate for fluorescent lighting fixtures, End. J. Carulli. 144,758; May 21.
Plate or article of similar nature, Glass dessert. A. J. Dreitzer. 145,976; Nov. 26.
Plate or article of similar nature, Snack. A. J. Dreitzer. 144,770; May 21.
Plate or the like. T. O. Muench. 143,985; Feb. 26.
Plate or the like, Dinner. H. J. Davis. 144,158; Mar. 19.
Platter or similar article, Steak. B. H. Adler. 145,500; Sept. 3.
Play pen, Infant's. E. D. Boisselier. 145,052; June 25.
Pole tip, Fishing. J. Cariddi. 143,398; Jan. 1.
Positioner, Work. C. J. Holslag. 143,733; Feb. 5.
Power take-off and pulley drive unit, Combined. W. F. Benning. 143,394; Jan. 1.
Power take-off unit. W. F. Benning. 143,395; Jan. 1.
Press or similar article, Drill. R. H. Andresen. 144,827; May 28.
Pressing machine, Cabinet. W. F. Gayring. 144,779; May 21.
Printed fabric. E. S. Kales. 144,383–4; Apr. 9.
Printing type, Font of. L. J. Wiesner. 144,880; May 28.
Projecting machine, Motion picture. W. C. De Vry. 144,841; May 28.
Projector. S. Marcus and E. J. Anton. 143,500; Jan. 8.
Projector. S. Marcus and E. J. Anton. 145,223; July 16.
Projector. O. R. Nemeth. 146,151; Dec. 31.
Projector. J. A. Van den Broek. 145,238; July 16.
Projector, Combined film and sound. W. W. Ward. 145,498; Aug. 27.
Projector, Film slide. J. Palma, Jr. 144,727; May 14.
Projector, Slide. L. J. Rubin. 145,364; Aug. 6.
Protector and erasing shield, Combined cuff. M. Cohen. 143,464; Jan. 8.
Puller, Electrode. R. J. Fitzpatrick. 143,415; Jan. 1.
Puller, Staple. J. A. Yerkes. 144,955; June 4.
Pump and control unit, Hydraulic. H. W. Rockwell. 143,547; Jan. 15.
Pump head, Deep well. E. M. Deters. 145,595; Sept. 17.
Pump, Well. W. J. Conery. 145,997; Dec. 3.
Punch and sealer, Combination can. H. L. Atkinson. 143,387; Jan. 1.
Punch, Paper. J. A. Yerkes. 144,601; Apr. 30.
Pushcart. C. M. Mendelson and J. P. McCarthy. 144,064; Mar. 5.
Rack and ash tray, Combination magazine. D. H. Schwartz. 144,939; June 4.
Rack and drawer, Combined tie. R. B. Rubin. 145,822; Oct. 22.
Rack, Clothes. A. J. Berna. 146,014; Dec. 10.
Rack, Combined hair brush and comb. P. Ruddick. 146,122; Dec. 31.
Rack, Combined inkstand and pencil. M. Gren. 143,479; Jan. 8.
Rack, Egg. S. B. Ernster. 143,719; Feb. 5.
Rack, Egg boiling. S. Rapport. 143,755; Feb. 5.
Rack, Folding tie. J. Cooper. 145,069; June 25.
Rack for packaged commodities, Counter. R. B. Wemyss. 144,331; Apr. 2.
Rack for trousers and other articles. A. P. Sempers. 144,422; Apr. 9.
Rack, Merchandise display. W. Wheary. 145,049; June 18.
Rack, oil saver, and waste can receptacle, Combined display. H. J. Smith. 144,943–4; June 4.
Rack or similar article, Pen. W. Harwood. 146,138; Dec. 31.
Rack, Pipe. P. L. Ogden. 145,031; June 18.
Rack, Shoe. F. P. Case. 143,795; Feb. 12.
Rack, Tie. J. A. and H. E. Bittel. 146,015; Dec. 10.
Rack, Tie. F. H. Fisher. 145,615; Sept. 24.
Rack, Tie. L. J. Pauly. 145,874; Nov. 5.
Rack, Towel. F. J. Whitman. 145,829; Oct. 22.
Radiator, Electric steam. H. J. Freyman. 146,022; Dec. 10.
Radio and record player, Combination. J. Martial and R. C. Scull. 144,862; May 28.
Radio cabinet. W. J. House, Jr. 145,800; Oct. 22.
Radio control knob. E. J. Fisk. 145,210; July 16.
Radio loud speaker housing or similar article. A. F. Adams and N. S. Barger. 145,765; Oct. 22.
Radio receiver. P. Brinkman. 145,508; Sept. 3.

Radio receiver. J. Martial and R. C. Scull. 144,863–4; May 28.
Radio receiver. F. D. Schnoor. 146,011; Dec. 3.
Radio receiver and timer clock case, Combination. F. Collura. 145,996; Dec. 3.
Radio, Wall supported. W. L. Schrader. 145,231; July 16.
Rail for truck bodies or the like, Side. G. C. Boepple. 144,900; June 4.
Railway car body. G. A. Jergenson. 144,057; Mar. 5.
Raincoat or similar article. E. Bernath. 145,969; Nov. 26.
Range. R. E. Kruck. 145,736; Oct. 15.
Rattle, Baby. I. Tucker. 145,342; July 30.
Razor or similar article, Safety. J. Evans. 145,021; June 18.
Razor, Safety. L. M. Baer. 145,650; Oct. 1.
Receiver, Ash. J. S. Geremia. 144,780; May 21.
Receiver, lamp, and ash tray, Combined radio. A. P. Brennan. 144,537; Apr. 30.
Receptacle for cigarettes and other articles. W. J. Reilly. 145,047; June 18.
Receptacle for cosmetics and other articles. A. F. Reilly. 144,987; June 11.
Receptacle for cosmetics and other articles. A. F. Reilly. 145,046; June 18.
Receptacle for cosmetics and other articles. W. J. Reilly. 144,516–19; Apr. 23.
Receptacle for cosmetics and other articles. W. J. Reilly. 144,935; June 4.
Receptacle for preparing and serving food, Covered. M. J. Zimmer. 144,956; June 4.
Receptacle or similar article, Fluid agitating and mixing. G. W. Keny. 143,661; Jan. 29.
Receptacle, Pipe. F. C. Chambers. 145,562; Sept. 10.
Receptacle, Washing machine. F. A. Conterman. 144,609; May 7.
Receptacle, Waste. S. Bloomfield. 145,970; Nov. 26.
Reel and rod seat, Combined fishing. E. P. Hurd. 145,625; Sept. 24.
Reel, Fishing. G. J. Sharps. 143,883; Feb. 12.
Reel for tape cores. H. Preble, Jr. 144,301; Apr. 2.
Reflector target, Weather observation balloon radar corner. K. E. Shreeve and G. M. Pro. 143,998; Feb. 26.
Refrigerator. R. Loewy. 145,222; July 16.
Register or similar article. M. Sanders. 145,702; Oct. 8.
Rest or similar article, Wheel or tire change. L. E. Bryson. 144,689; May 14.
Retarder, Descent. P. M. Lewis. 145,527; Sept. 3.
Ring. O. P. Burch. 143,463; Jan. 8.
Ring. E. Joseff. 143,596; Jan. 22.
Ring. I. Krell. 145,091; June 25.
Ring. I. Lieber. 143,923; Feb. 19.
Ring, Birth data napkin. O. A. von S. Buckow. 144,155; Mar. 19.
Ring, Finger. D. Cook. 146,017; Dec. 10.
Ring, Finger. B. Esh. 145,516; Sept. 3.
Ring, Finger. B. Esh. 145,572; Sept. 10.
Ring, Finger. J. G. Flatau. 143,722; Feb. 5.
Ring, Finger. C. Gantwarg. 144,918; June 4.
Ring, Finger. O. Grun. 143,590; Jan. 22.
Ring, Finger. C. E. Holmes. 145,299; July 30.
Ring, Finger. A. Marcus. 144,880–1; May 28.
Ring, Finger. A. Nallck. 145,029; June 18.
Ring or similar article. P. E. Plato. 144,499; Apr. 23.
Ring or similar article, Finger. A. Nallck. 145,848; Oct. 29.
Ring or similar article, Scapular. B. F. Carney. 145,921; Nov. 19.
Robe hook. H. Van Doren. 144,010; Feb. 26.
Robe hook, Double. H. Van Doren. 144,009; Feb. 26.
Robe or similar article. G. H. McLaughlin. 145,740; Oct. 15.
Rocking horse. J. V. Benson and E. F. Felien. 143,640; Jan. 29.
Rocking horse. O. V. Phillips. 144,513; Apr. 23.
Rod, Surveyor's. J. W. Malot. 143,435; Jan. 1.
Roller Print. M. C. Miller, Jr., and J. B. Lovick. 144,467; Apr. 16.
Roofing or similar article, Roll. A. Coburn. 143,400–3; Jan. 1.
Rotor for a windmill. S. R. Du Brie. 144,166; Mar. 19.
Rug, Linoleum or similar hard-surfaced. R. V. Garner and A. P. Macchi. 144,969; June 11.
Rug or similar article of manufacture, Scatter. A. D. Clist. 144,542–3; Apr. 30.
Rug or similar article of manufacture, Scatter. A. D. Clist. 145,510; Sept. 3.
Sadiron, Electric. G. W. Florian. 144,847; May 28.
Safe. J. V. McGunn. 143,606; Jan. 22.
Sandal. B. Ferrar. 144,454; Apr. 16.
Sandal. E. S. Payne. 145,818; Oct. 22.
Sandal or similar article. L. Colwell. 145,883; Nov. 12.
Sandal or similar article. H. M. Lloyd. 145,901; Nov. 12.
Saw, Band. W. Lasar. 144,723; May 14.
Saxophone. E. J. Gillespie. 145,891; Nov. 12.
Saxophone neck, mouth pipe fastening and mouthpiece key, Combined. E. J. Gillespie. 145,892; Nov. 12.
Scabbard and carving implement set, Combined. E. E. Case. 145,923–4; Nov. 19.
Scabbard and carving knife or similar article, Combined. E. E. Case. 145,922; Nov. 19.
Scale. H. Preble, Jr. 146,154; Dec. 31.
Scale. C. W. Sundberg. 144,273; Mar. 26.
Scale, Platform. A. C. Haggstrom. 144,191; Mar. 19.
Scarf. R. Gottschalk. 145,619; Sept. 24.
Scarf. M. B. Graham. 145,622; Sept. 24.
Scarf. R. T. Lee. 145,311; July 30.
Scarf or similar article. H. H. Constant. 144,156; Mar. 19.
Scarf or similar article. V. Earle. 144,167; Mar. 19.
Scarf or similar article. J. W. Morrison. 145,098; June 25.
Scissors. M. D. Alsner. 144,279; Apr. 2.
Scissors or the like, Electric. J. C. Clark. 144,288; Apr. 2.
Scoop. E. A. Smith. 144,739; May 14.
Scooter, Motor. H. A. Shaffer. 144,077; Mar. 5.
Scoring device for pinochle and other games. C. A. De Pirro. 143,953; Feb. 26.
Scrubbing, waxing, and polishing machine. E. J. Newcomer. 145,224; July 16.
Seat, Child's toilet. R. P. Engman and R. N. Selton. 144,771; May 21.
Seat, Child's training toilet. S. Cohen. 143,951; Feb. 26.
Seat, Swing. M. N. Wagner and J. C. Wagner. 143,632; Jan. 22.
Seesaw. C. M. King. 144,200; Mar. 19.
Separator for displaying merchandise. F. A. Hedrick. 143,658; Jan. 29.
Separator, Meat display. H. H. Hall. 143,728; Feb. 5.
Server, Cigarette. F. Zimbalist. 145,863; Oct. 29.
Server, Mobile. A. Pinelli. 145,458; Aug. 20.
Server, Salad. F. A. Moore. 144,310; Apr. 2.
Service station island or the like. W. H. Adams. 144,669; May 14.
Settee. B. Sky. 145,541; Sept. 3.
Settee and telephone cabinet, Combined. F. B. Case. 145,657; Oct. 1.
Sewing machine housing. N. V. Christensen and N. Leo. 144,768; May 21.
Shade or similar article, Eye. J. E. Hansen. 144,560; Apr. 30.
Shaker, Cocktail. H. S. Nash. 143,986; Feb. 26.
Shaker, Condiment. J. Schilz. 145,228–9; July 16.
Shaker or article of similar nature, Salt. C. L. Fordyce. 143,594; Jan. 22.
Shaker or similar article, Combined salt and pepper. F. R. Hale. 145,730; Oct. 15.
Shaker or similar article, Condiment. K. A. Hodil. 145,523; Sept. 3.
Shaker or similar article, Salt. E. Smith. 143,764; Feb. 5.
Sharpener, Knife. G. M. Jones. 145,803; Oct. 22.
Sharpener, Pencil. R. B. Fleming. 144,777; May 21.
Sharpener, Pencil. G. D. Gulotta. 145,939; Nov. 19.
Sharpener, Pencil. J. W. Hauser. 145,477; Aug. 27.
Sharpener, Pencil. L. W. Hoffman. 143,532; Jan. 15.
Sharpener, Pencil. E. C. Hoffmann. 143,917; Feb. 19.
Sharpening device. H. J. Trinque. 144,274; Mar. 26.
Sheet, Decalcomania. E. R. Jones and L. T. Lanier. 146,109; Dec. 24.
Sheet or the like, Decalcomania. W. E. Mell. 144,464; Apr. 16.
Shelf unit, Whatnot. P. J. York. 145,555; Sept. 3.
Shelf, Utility. W. L. Willis. 145,111; June 25.
Shirt or similar article, Polo. D. Engleman. 145,786; Oct. 22.
Shoe. J. D. Adams. 143,697; Feb. 5.
Shoe. T. F. Barlow. 143,391–2; Jan. 1.
Shoe. J. K. Eagan. 145,688; Oct. 8.
Shoe. P. F. Eberle. 145,930; Nov. 19.
Shoe. J. Henkel. 145,577; Sept. 10.
Shoe. J. J. Hickey. 145,731; Oct. 15.
Shoe. W. H. Hinson. 146,106; Dec. 24.
Shoe. S. Huberman. 145,600; Sept. 17.
Shoe. M. and C. A. Julianelli. 146,110; Dec. 24.
Shoe. E. S. Payne. 145,816; Oct. 22.
Shoe. R. Vivier. 143,685–90; Jan. 29.
Shoe. R. Vivier. 144,329; Apr. 2.
Shoe. R. Vivier. 144,651; May 7.
Shoe. R. Vivier. 144,747; May 14.
Shoe. C. L. Wilcox. 145,110; June 25.
Shoe. M. Wolock. 146,160; Dec. 31.
Shoe. E. Ziniti. 145,193; July 9.
Shoe, Infant's. M. H. Baudendistel. 143,701; Feb. 5.
Shoe, Infant's. A. P. Williams. 143,457; Jan. 1.
Shoelace and fastener, Combined elastic. B. S. Richmond. 144,988; June 11.
Shoe or similar article. L. Colwell. 144,356; Apr. 9.
Shoe or similar article. F. J. Diamant. 143,799–800; Feb. 12.
Shoe or similar article. F. J. Diamant. 143,955; Feb. 26.
Shoe or similar article. F. J. Diamant. 144,162; Mar. 19.
Shoe or similar article. M. Eisenberg. 143,809–14; Feb. 12.
Shoe or similar article. T. R. Ingram. 145,444; Aug. 20.
Shoe or similar article. H. J. Kroto. 145,670; Oct. 1.
Shoe or similar article. J. Sandler. 144,140; Mar. 12.
Shoe or similar article. E. Ziniti. 145,556; Sept. 3.
Shoe or similar article. E. Ziniti. 145,684; Oct. 1.
Shoe ornament. M. M. Cameron. 143,397; Jan. 1.
Showcase. H. C. Chase. 145,833–5; Oct. 29.

Shrine. A. S. Powell. 145,983; Nov. 26.
Sign. E. A. Dwiggins. 143,901–3; Feb. 19.
Sign, Advertising. S. S. Bair. 144,886; June 4.
Sign, Theater. R. L. Byrd. 145,117; July 2.
Signal light, Brake. H. A. Eklind and O. J. Blomberg. 143,648; Jan. 29.
Signal, Turning. C. E. Edwards. 146,099; Dec. 24.
Signaling device, Push-button. M. Hallward. 144,306; Apr. 2.
Sink. C. B. Benedict. 143,897; Feb. 19.
Sink. H. Dreyfuss. 143,408; Jan. 1.
Sink and cabinet, Combined. J. Stanitz. 143,679; Jan. 29.
Sink and cooking stove, Combination. C. C. White. 143,633; Jan. 22.
Sinker. O. E. Voight. 144,012; Feb. 26.
Skate, Convertible ice and roller. S. W. Blumm. 144,605; May 7.
Skate, Roller. A. J. Miller. 143,983; Feb. 26.
Slicing machine. P. H. Meyer. 145,406; Aug. 13.
Slipper. G. Cohn. 145,926; Nov. 19.
Slipper. M. Greenberg. 145,937; Nov. 19.
Slipper. H. Sobel. 144,080; Mar. 5.
Slipper. S. F. Thompson. 146,123; Dec. 31.
Slipper or similar article. G. Cohn. 145,882; Nov. 12.
Slipper or similar article. T. R. Ingram. 145,445; Aug. 20.
Slipper or similar article. K. Keyes. 145,482–3; Aug. 27.
Slipper or similar article. P. D. Ney. 144,255; Mar. 26.
Slipper or similar article, Wooden. K. Y. Kono. 145,090; June 25.
Slipper, Shower. D. Schapiro. 143,938; Feb. 19.
Snap fastener, Clasp-on. H. G. Johnston. 146,030; Dec. 10.
Sock and slipper, Combined removable. B. Katz. 144,199; Mar. 19.
Socket and connector for Christmas tree lamps or the like, Combined. H. S. Bixby. 143,792; Feb. 12.
Socket for a hoe or similar article. Handle. C. E. Smith. 143,763; Feb. 5.
Sole, Shoe. N. E. Bovay. 145,153; July 9.
Sole, Shoe. V. M. Knisely. 145,943–4; Nov. 19.
Spark plug. G. D. Suter. 143,680; Jan. 29.
Spinner, Fish bait. R. T. Shubert. 143,762; Feb. 5.
Spit Barbecue, Rotatable. L. C. Hufford and L. R. Gray. 145,601; Sept. 17.
Splicer, Base for a film. J. Briskin. 144,688; May 14.
Splicer, Film. J. Briskin. 144,687; May 14.
Spoon. F. K. Storm. 143,450; Jan. 1.
Spoon, Anniversary. A. Stokby. 145,339; July 30.
Spoon or analogous article. A. J. Flauder. 143,416; Jan. 1.
Spoon or analogous article. A. J. Flauder. 143,418; Jan. 1.
Spoon or fork, Combined. S. Lapin. 143,431; Jan. 1.
Spoon or other article of flatware. E. J. Conroy. 145,120; July 2.
Spoon or other article of flatware. E. J. Conroy. 145,157; July 9.
Spoon or other article of flatware. S. C. Friedman. 144,373; Apr. 9.
Spoon or other article of flatware. A. G. Kintz. 145,580; Sept. 10.
Spoon or other article of flatware. H. R. Lott. 144,462–3; Apr. 16.
Spoon or other article of flatware. H. A. Melinowski. 145,179–81; July 9.
Spoon or similar article. A. Adler. 144,753; May 21.
Spoon or similar article. G. N. Allen and M. P. Fleming. 145,150; July 9.
Spoon or similar article. G. N. Allen and M. P. Fleming. 146,125; Dec. 31.
Spoon or similar article. N. Bowlen. 144,154; Mar. 19.
Spoon or similar article. F. W. Koonz. 144,390; Apr. 9.
Spoon or similar article. G. E. Sekowski. 144,593; Apr. 30.
Spoon or similar article. G. E. Sekowski. 144,941; June 4.
Spoon or similar article of flatware. B. Finley. 144,169; Mar. 19.
Spoon or the like. E. S. Tupper. 144,599; Apr. 30.
Spoon, Prescription. J. Orenstein. 144,212; Mar. 19.
Spout, Wall type swing. G. Hinderer. 144,249; Mar. 26.
Spray attachment, Faucet. S. Isenberg. 145,085; June 25.
Spray attachment, Faucet. H. P. Klein. 143,737–8; Feb. 5.
Spray head. J. Stanitz. 143,765; Feb. 5.
Sprinkler. M. S. Dunkelberger. 143,409; Jan. 1.
Sprinkler, Lawn. A. De Mott. 144,102; Mar. 12.
Sprinkler, Lawn. J. B. Lerch. 145,221; July 16.
Stamp, Hand. R. K. Duke. 145,514; Sept. 3.
Stand. E. D. Kissling. 145,735; Oct. 15.
Stand and appliance support for dressing hair. H. M. McCalla. 146,059; Dec. 10.
Stand and container for articles of jewelry and the like, Display. M. Weis. 144,821; May 21.
Stand and horizontal thermometer, Combined calendar. M. E. Trollen. 143,512; Jan. 8.
Stand and merchandise container unit, Combined display. H. Steinberg. 144,741; May 14.
Stand, Ash. W. C. Panzer. 143,671; Jan. 29.
Stand, Book. G. Powers. 145,103; June 25.
Stand, Cross. R. H. Ischinger. 144,295; Apr. 2.
Stand, Display. A. S. Weston. 144,749; May 14.
Stand for a hand telephone. J. Barofsky. 144,674; May 14.
Stand for combs and the like, Display. V. J. Dunn. 145,289–90; July 30.
Stand, Fabric testing display. H. W. Wilkinson, Jr. 145,763; Oct. 15.
Stand, Jewelry. H. L. Oblein. 144,411; Apr. 9.
Stand, Lamp. J. E. Thodos. 145,340; July 30.
Stand or similar article, Display. B. Matuzoff. 145,951; Nov. 19.
Stand or similar article, Display. B. Matuzoff. 146,087; Dec. 17.
Stand or the like, Lamp. E. D. Kissling. 145,899; Nov. 12.
Stand, Pen desk. B. W. Hanle. 145,804; Oct. 22.
Stand, Reservoir desk. J. O. Reinecke. 145,820; Oct. 22.
Stand, Serving. J. D. Renard. 146,088; Dec. 17.
Stand, Smoker's. W. C. Panzer. 143,876; Feb. 12.
Stand, Smoking. O. Mankki. 143,742; Feb. 5.
Stand, Telephone desk. G. Deakin. 145,780; Oct. 22.
Stand unit, Sectional display. N. S. Irwin. 143,659; Jan. 29.
Standard, Drill press. R. McF. Jones. 145,087; June 25.
Statuette. F. J. Frechette, Sr., and F. J. Frechette, Jr. 145,841; Oct. 29.
Statuette or similar article. T. Bergman. 146,126; Dec. 31.
Statuette or similar article. E. Burtis. 145,154; July 9.
Stay, Collar. P. S. Premas. 143,754; Feb. 5.
Steering post, Bicycle. E. F. Pawsat. 146,119; Dec. 31.
Stereoscope. S. I. Rochwite. 144,737; May 14.
Sterilizer, Ultraviolet. G. E. Glatthar and J. Terr. 146,103; Dec. 24.
Stimulating instrument, Dental. W. J. Charters. 144,607; May 7.
Stool. L. Guild. 145,938; Nov. 19.
Stopper and extractor, Combination bottle. J. C. Simpson. 145,184; July 9.
Stopper, Bottle. F. C. Morgenroth. 145,028; June 18.
Store front. C. A. Patterson. 143,749; Feb. 5.
Stove, Cooking. C. C. H. Rasmussen. 144,070; Mar. 5.
Stove, Cooking. A. E. Smallwood and L. Guild. 145,147; July 2.
Stove, Electric. R. Heer. 145,695; Oct. 8.
Stove grid. H. H. Miller. 145,489; Aug. 27.
Strap, Wrist watch. N. N. Holmsky. 143,821; Feb. 12.
Strip, Ridge shingle. A. Coburn. 143,404; Jan. 1.
Stroller. N. B. Spencer. 145,468; Aug. 20.
Suit. S. Cohen. 144,035–6; Mar. 5.
Suit. S. Cohen. 144,832–8; May 28.
Suit. S. Cohen. 144,907–8; June 4.
Suit. S. Cohen. 145,925; Nov. 19.
Suit. M. Frascino. 145,432; Aug. 20.
Suit. J. Freedman. 144,048–50; Mar. 5.
Suit. J. Freedman. 144,848–50; May 28.
Suit. J. Freedman. 144,917; June 4.
Suit. J. Freedman. 145,433–5; Aug. 20.
Suit. H. Redman. 145,536; Sept. 3.
Suit, Bathing. R. M. Reid. 144,515; Apr. 23.
Suit, Bathing. M. Sheldrick. 144,264; Mar. 26.
Suit, Combined swim and play. M. F. Laszlo. 144,396; Apr. 9.
Suit, Lady's. S. Kuznetz. 144,298–9; Apr. 2.
Suit, Lady's. S. Kuznetz. 144,393; Apr. 9.
Suit, Lady's. S. Kuznetz. 144,973–4; June 11.
Suit, Lady's. J. Lipman. 145,454; Aug. 20.
Suit, Lady's. M. Millard. 145,531; Sept. 3.
Suit or the like, Swimming. M. F. Laszlo. 145,174; July 9.
Sundial. C. A. Fiorlo. 145,931; Nov. 19.
Sundial, Portable. L. Goodman. 144,377; Apr. 9.
Sunglasses. J. Di Cicco. 145,288; July 30.
Support, Arch. G. N. Bouthillette. 143,642; Jan. 29.
Support, Camera. N. J. Creedon. 144,840; May 28.
Support, Camera. C. S. McClellan. 144,406; Apr. 9.
Support, Car seat end. J. V. Conway. 144,610–11; May 7.
Support, Car seat end. P. Schladermundt. 144,635; May 7.
Support, Child's bassinet. E. H. Kautzman. 145,448; Aug. 20.
Support for hand-held lecture papers or similar article, Illuminating. J. De Jen. 245,244; July 23.
Support for playing cards. C. B. Woofter. 144,435; Apr. 9.
Support, Reel. M. M. Clink. 145,509; Sept. 3.
Support, Telescope. W. Levin. 145,313; July 30.
Supporter, Athletic. M. B. Burston. 144,286; Apr. 2.
Suspenders. P. Ginsberg. 144,549; Apr. 30.
Sweater. D. Engleman. 145,714; Oct. 15.
Sweater. P. Freund, Jr. 145,787; Oct. 22.
Sweater. R. Horowitz. 144,056; Mar. 5.
Sweater. A. Naidish. 145,409; Aug. 13.
Sweater. B. A. Wiechmann. 145,368–73; Aug. 6.
Sweater. B. A. Wiechmann. 146,095; Dec. 17.
Sweater or similar article. D. Engleman. 145,712–13; Oct. 15.
Sweater or similar article. A. Naidish. 146,150; Dec. 31.

Switch, Transcriber floor. R. L. Stone. 144,640; May 7.
Table. M. Danziger. 144,699; May 14.
Table. F. Grossi. 145,131; July 2.
Table. J. B. Hollis. 144,585; Apr. 30.
Table. M. S. Karp. 143,599; Jan. 22.
Table. E. D. Kissling. 145,941; Nov. 19.
Table. C. M. Kolacy. 146,006; Dec. 3.
Table. K. O. Larson. 145,947; Nov. 19.
Table. G. C. Rhodes. 144,872; May 28.
Table. B. Sky. 145,539–40; Sept. 3.
Table. B. Sky. 145,542; Sept. 3.
Table. E. J. Spence. 144,993–5; June 11.
Table and cabinet, Combination. G. R. Schutes. 144,590; Apr. 30.
Table and cabinet, Combination end. G. R. Schutes. 144,873; May 28.
Table and chair, Child's combined. E. H. Lamm. 143,494; Jan. 8.
Table and chair, Combined. C. S. Davis. 145,779; Oct. 22.
Table base, Drafting. R. M. Beinet. 145,651; Oct. 1.
Tablecloth, Lace. H. Hooven. 144,583–9; May 21.
Tablecloth, Lace. H. Hooven. 145,578; Sept. 10.
Tablecloth, Lace. F. P. Otto. 144,798; May 21.
Tablecloth, Lace. F. P. Otto. 145,584; Sept. 10.
Tablecloth, Lace. W. Rogers. 144,799; May 21.
Tablecloth, Lace. W. Wolf. 144,825–6; May 21.
Tablecloth or similar article. A. V. Corso. 145,354; Aug. 6.
Tablecloth or similar article. A. V. Corso. 145,428; Aug. 20.
Tablecloth or similar article. S. R. Feld. 144,453; Apr. 16.
Tablecloth or similar article. V. Helsley. 143,483–4; Jan. 8.
Tablecloth or similar article. V. Helsley. 145,478–80; Aug. 27.
Tablecloth or similar article. N. F. Mamoulian. 145,488; Aug. 27.
Tablecloth or similar article. M. C. McGee. 145,404; Aug. 13.
Tablecloth or similar article. L. G. Rohner. 144,469; Apr. 16.
Tablecloth or similar article. L. G. Rohner. 144,520; Apr. 23.
Tablecloth or similar article. L. G. Rohner. 144,800; May 21.
Tablecloth or similar article. L. G. Rohner. 144,803; May 21.
Tablecloth or similar article. L. G. Rohner. 145,363; Aug. 6.
Tablecloth or similar article. L. G. Rohner. 145,677; Oct. 1.
Tablecloth or the like. E. E. Marron. 143,667; Jan. 29.
Table, Drafting. L. La Pidus. 145,808; Oct. 22.
Table, Dressing. M. H. McKenzie. 144,859; May 28.
Table, Extension serving. H. S. Baker. 145,966; Nov. 26.
Table, Folding serving. H. S. Baker. 145,965; Nov. 26.
Table, Occasional. M. S. Karp. 143,428; Jan. 1.
Table or similar article. C. W. and A. O. Hart. 145,519–20; Sept. 3.
Table or similar article, Coffee. M. S. Karp. 143,598; Jan. 22.
Table, Overbed. J. S. Clachko. 145,777; Oct. 22.
Table, Plastic utility. E. D. Kissling. 145,220; July 16.
Table unit, Nested. P. White. 143,454; Jan. 1.
Table, Utility. E. D. Kissling. 145,942; Nov. 19.
Tablet, Moth preventive. D. Deskey. 144,159; Mar. 19.
Tape sealer or the like. W. C. Marsh. 144,795; May 21.
Tea kettle, coffee maker, and double boiler or article of a similar nature, Combination. W. B. Moore. 144,409; Apr. 9.
Teapot. E. L. Holmes. 144,923; June 4.
Teapot. E. L. Holmes. 146,139; Dec. 31.
Telephone instrument, Substation. H. F. Obergfell. 144,130; Mar. 12.
Telephone jack. C. Lomholt. 143,496; Jan. 8.
Telephone stand unit. R. G. Bell. 143,789; Feb. 12.
Template, Symbol. R. W. Anderson. 144,094; Mar. 12.
Tenderer, Meat. F. B. Graham. 146,024; Dec. 10.
Testing machine, Spring. J. D. Burke. 145,060; June 25.
Textile fabric. M. Christen. 144,237; Mar. 26.
Textile fabric. H. W. Wilde. 144,822–4; May 21.
Textile fabric, Embroidered. F. J. Keil. 145,871; Nov. 5.
Textile fabric, Embroidered. A. Walter. 144,434; Apr. 9.
Textile fabric or similar article. J. Koret. 145,485; Aug. 27.
Textile fabric or similar article. S. Meyer. 146,149; Dec. 31.
Thimble. J. L. Lebens. 144,397; Apr. 9.
Thumb piece for a drawer latch or similar article. H. C. Dahl. 144,157; Mar. 19.
Timepiece face. S. Banick. 145,610; Sept. 24.
Tire. J. A. Christie. 145,155; July 9.
Tire. W. P. MacKusick and J. N. Wyant. 144,122; Mar. 12.
Tire, Aircraft. C. A. Bigelow. 145,348; Aug. 6.
Tire, Pneumatic. G. W. Anderson. 145,766–7; Oct. 22.
Toaster and cooker, Combination. O. E. Stelzer. 145,108; June 25.
Toaster and cooker or similar article, Combination electric. D. Platkin. 144,870; May 28.
Toaster and hot plate, Combined. T. D. Nierenberg and G. Daelemans. 145,410; Aug. 13.
Toaster, Electric. B. A. Lorenz. 143,741; Feb. 5.
Tongs or similar article, Ice. H. Levin. 144,309; Apr. 2
Tool and staple puller, Combined fence. F. J. Stiefvater. 143,769; Feb. 5.
Tool, Combination fence. W. H. Brotherton. 143,709; Feb. 5.
Tool, Fence. J. Thompson. 145,341; July 30.
Tool for gardening, Hand. J. J. Getgey. 143,724; Feb. 5.
Tool for gardening, Hand. J. J. Getgey. 144,376; Apr. 9.
Tool head, Garden. R. G. Head. 145,082; June 25.
Tool, Household combination. D. T. Burch. 143,710; Feb. 5.
Tool, Multipurpose. E. F. Graham. 144,920; June 4.
Tool or similar article, Kitchen. J. H. Chandler and A. J. Eggleston. 145,685–6; Oct. 8.
Tool or similar article, Kitchen. A. J. Eggleston. 145,689; Oct. 8.
Tool unit, Electric. F. Collura. 144,608; May 7.
Toy, Work-illuminating. R. S. Rains. 145,361; Aug. 6.
Toothbrush. M. E. Dolnick. 144,163; Mar. 19.
Toothbrush, dentifrice container, and brush sheath, Combined. A. E. Vandeventer. 144,275; Mar. 26.
Toothbrush, Foldable. S. Katz. 144,385; Apr. 9.
Toothpick assembly, Detachable. G. E. Millard. 145,603; Sept. 17.
Top for water coolers. E. A. Steele. 145,759; Oct. 15.
Torpedo director. R. M. Freeman. 144,108; Mar. 12.
Towel or similar article. L. Carpadus. 145,379–89; Aug. 13.
Towel or similar article. I. H. Hall. 145,297; July 30.
Towel or similar article. I. H. Hall. 145,575; Sept. 10.
Towel or similar article. A. Lange. 145,307–10; July 30.
Towel or similar article. A. Lange. 145,396–403; Aug. 13.
Towel or similar article. A. Lange. 145,581–2; Sept. 10.
Toy. A. Rassnick. 144,582; Apr. 30.
Toy. H. C. Roberts. 145,954; Nov. 19.
Toy airplane. J. J. Miller. 145,407; Aug. 13.
Toy airplane. J. J. Miller. 145,455; Aug. 20.
Toy airplane engine. B. H. Stewart. 143,449; Jan. 1.
Toy animal. C. Steiner. 145,760; Oct. 15.
Toy animal figure or similar article. M. L. Quinby. 145,854; Oct. 29.
Toy animal figure or the like. W. Lantz. 143,664; Jan. 29.
Toy animal, Stuffed. M. Shrier. 144,942; June 4.
Toy animal, Stuffed puppet. M. Shrier. 145,756; Oct. 15.
Toy automobile. G. E. Elliott. 144,043; Mar. 5.
Toy block. C. W. Shuman. 143,939; Feb. 19.
Toy boat. T. B. Hodge. 144,503; Apr. 23.
Toy boat. S. Orkin. 145,532; Sept. 3.
Toy boat or similar article. L. J. Nowak, Jr. 145,873; Nov. 5.
Toy cannon. F. J. Curran. 144,911; June 4.
Toy cannon. W. E. Kannglesser. 143,597; Jan. 22.
Toy cat or the like. A. Pelzmann. 144,980; June 11.
Toy, Dancing. J. H. Fannin. 144,044; Mar. 5.
Toy dog or similar article. E. R. Hauser. 145,081; June 25.
Toy, Educational. I. Gold. 144,919; June 4.
Toy, Educational. G. Lerner. 143,434; Jan. 1.
Toy ferry boat. G. L. Crawford. 144,959; June 11.
Toy ferry boat. G. N. Overath. 145,142; July 2.
Toy, Figure. P. G. Catanzarite. 145,066; June 25.
Toy, Figure. R. C. Flynt. 145,126–9; July 2.
Toy figure. H. M. Kass. 145,627; Sept. 24.
Toy, Figure. J. S. Looney. 146,007; Dec. 3.
Toy figure. A. G. Promer. 144,414; Apr. 9.
Toy figure. W. B. Thomas. 144,005; Feb. 26.
Toy figure. J. H. Wright. 145,594; Sept. 10.
Toy figure block. F. W. Plumer. 144,982–5; June 11.
Toy figure or similar article. C. R. White. 145,344; July 30.
Toy figure, or similar article, Infant's. R. B. Grosvenor. 145,395; Aug. 13.
Toy figure or similar article, Infant's teething. R. B. Grosvenor. 145,894–6; Nov. 12.
Toy frog. P. Boyajian. 144,096; Mar. 12.
Toy guitar. G. F. Kearney. 145,579; Sept. 10.
Toy gun. S. I. Berger. 145,652; Oct. 1.
Toy gun. W. C. Hooper. 145,805; Oct. 22.
Toy, Hammer. E. D. Geissler. 145,295; July 30.
Toy helicopter. E. W. Baggott. 146,065; Dec. 17.
Toy helicopter. P. M. Lewis. 143,495; Jan. 8.
Toy helicopter. E. Nudelman. 143,616; Jan. 22.
Toy, Helicopter pull. B. H. Shapiro, I. Thomas, and J. Hohl. 143,628; Jan. 22.
Toy horse or similar article. K. Perper. 144,134; Mar. 12.
Toy microphone set. J. L. Metzger. 144,929; June 4.
Toy mouse or the like. A. Pelzmann. 144,981; June 11.
Toy, Net. E. D. Geissler. 145,296; July 30.
Toy or similar article, Beanbag. E. D. Stafford. 143,445–7; Jan. 1.
Toy or similar article, Clock. C. C. Cohen. 145,390; Aug. 13.
Toy or similar article, Pull. J. F. Griffith. 145,844; Oct. 29.

Toy, Pendulum. J. Bunnell. 144,098; Mar. 12.
Toy, Pistol. E. D. Geissler. 145,437; Aug. 20.
Toy, Pounding. S. L. Beder. 145,504; Sept. 3.
Toy, Pull. J. A. Healey. 145,694; Oct. 8.
Toy, Pull. C. Martin. 143,540; Jan. 15.
Toy, Push. D. M. Auchard. 145,502; Sept. 3.
Toy rocking horse. B. R. Mandelbaum. 145,093; June 25.
Toy, Roly-poly. H. G. Arnold. 145,050; June 25.
Toy shovel. D. G. Samuels, Jr. 144,588; Apr. 30.
Toy table or similar article. I. Rosenbloom. 145,858; Oct. 29.
Toy telephone. F. M. Hoover and A. Homer. 144,566; Apr. 30.
Toy telephone, Candy containing. T. H. Stough. 144,272; Mar. 26.
Toy, Trundle. E. E. Hansen. 146,136; Dec. 31.
Toy vehicle. C. Dodegge. 145,513; Sept. 3.
Toy vehicle. R. F. Kuntz. 145,737; Oct. 15.
Toy, Vehicle. R. W. Larkin. 145,945; Nov. 19.
Toy vehicle. I. E. Lipton and L. C. Lochmoeller. 144,976; June 11.
Toy, Wheeled. E. J. Reiff. 144,468; Apr. 16.
Toy, Wheeled. E. L. Willemain and W. W. Morris. 144,332; Apr. 2.
Toy, Wheeled ladder. R. Appel. 144,150; Mar. 19.
Toy, Whirligig. J. A. Brewer. 145,285; July 30.
Toy xylophone. A. F. Korman. 146,055; Dec. 10
Toy xylophone. D. E. Robinson. 143,442; Jan. 1.
Traffic line marking stud. A. E. B. Crawford. 144,037; Mar. 5.
Train, Overhead monorail. C. B. Clark. 145,658; Oct. 1.
Trainer or similar article, Child's. J. P. Budrakey. 143,574; Jan. 22.
Trap, Ant. E. C. Hocker. 144,379; Apr. 9.
Tray. A. Bach. 144,477; Apr. 23.
Tray. H. S. Scholl. 145,589; Sept. 10.
Tray. V. I. Zelov. 145,764; Oct. 15.
Tray and holder, Combined cigarette. G. Dubey. 145,123; July 2.
Tray, Ash. F. D. Hansley. 143,485; Jan. 8.
Tray, Ash. W. F. Meyers. 143,613; Jan. 22.
Tray, Cooking utensil supporting. M. J. Zimmer. 145,192; July 9.
Tray, Desk. D. Cunningham. 143,467; Jan. 8.
Tray, Letter. S. Cohen. 144,450; Apr. 16.
Tray or article of similar nature, Glass ash. C. L. Fordyce. 144,046; Mar. 5.
Tray or similar article, Ash. A. Bach. 144,754; May 21.
Tray or similar article, Ash. S. K. Frank. 145,573; Sept. 10.
Tray or similar article, Ash. M. M. Newman. 146,152; Dec. 31.
Tray or the like, Ash. F. H. Fisher. 144,776; May 21.
Tray, Portable bar. N. Bel Geddes. 145,718; Oct. 15.
Tray, Waiter's. J. Le Graffe. 146,134; Dec. 31.
Trays, mirrors, or the like, Decorative device for. N. Moss. 144,797; May 21.
Tree, Shoe. L. I. Lesavoy. 143,922; Feb. 19.
Tricycle. W. H. Culler. 145,660; Oct. 1.
Tricycle. C. Hair. 143,592; Jan. 22.
Tricycle. A. Hecht. 145,135; July 2.
Tricycle. L. R. W. Sly. 143,940; Feb. 19.
Trimmer, Shrubbery. R. J. Virze. 144,433; Apr. 9.
Trimming, Embroidered. J. Goldfrank. 144,552–3; Apr. 30.
Trimming, Embroidered. F. Kaufman. 143,534–5; Jan. 15.
Trimming, Embroidered. H. Kaufman. 143,536; Jan. 15.
Trimming for receptacles for cosmetics and other articles. W. J. Reilly. 144,734; May 14.
Trimming or similar article, Embroidered. H. Tobler. 144,641–50; May 7.
Trimming or similar article, Embroidered. H. Tobler. 145,496–7; Aug. 27.
Trimming or similar article, Embroidered. H. Tobler. 145,861–2; Oct. 29.
Trowel. O. Hoffman. 145,524; Sept. 3.
Truck. J. J. Powers. 143,990–3; Feb. 26.
Truck, Golf stick. A. H. Jessen. 143,971; Feb. 26.
Truck, Hand. A. H. Beidelman, Jr. 145,505; Sept. 3.
Truck, Hand. A. S. Johann. 145,447; Aug. 20.
Truck, Utility. G. H. Lowerre. 145,139; July 2.
Tube, Twisted plastic. K. Schick. 146,010; Dec. 3.
Tube, Vacuum. W. W. Eitel and J. A. McCullough. 143,904–12; Feb. 19.
Tumbler or article of similar nature, Glass. A. H. Nicholson. 144,300; Apr. 2.
Turnstile, Twin. H. E. Levene. 143,740; Feb. 5.
Typewriter. G. H. Kress. 145,450; Aug. 20.
Typewriting machine. H. Dreyfuss. 144,164–5; Mar. 19.
Uniform. A. M. Berger. 145,376; Aug. 13.
Unit, Display fixture. P. V. Martino. 145,950; Nov. 19.
Unit for electrical wiring systems, Feed section. J. F. O'Brien. 144,930; June 4.
Unit for handbags or the like, Plastic. A. C. Manovill. 145,358; Aug. 6.
Unit for oil cooking stoves, Top. H. H. Niemann. 145,030; June 18.
Utensil closure, Cooking. M. J. Zimmer. 143,692; Jan. 29.
Utensils or similar articles, Handle for kitchen. J. H. Chandler. 143,644–5; Jan. 29.
Valve or similar article, Blow. J. E. Becker. 144,153; Mar. 19.
Vanity and writing desk with clothes hamper seat, Combination. G. R. Schutes. 144,591; Apr. 30.
Vanity case. P. Muller-Munk. 145,100; June 25.
Vase, Hanging flower. F. J. Stollsteimer. 145,366; Aug. 6.
Vehicle, Automotive delivery. W. S. Tandler and F. A. de Welss. 145,592; Sept. 10.
Vehicle, Child's. W. B. Fageol. 144,703; May 14.
Vehicle, Child's. M. Leeb. 144,975; June 11.
Vehicle, Child's. J. N. and S. M. O'Connor. 145,324; July 30.
Vehicle, Child's wheeled. E. C. Huebner. 145,624; Sept. 24.
Vehicle, Juvenile. B. T. Johnson. 146,029; Dec. 10.
Vehicle, Motor. J. V. O'Neill. 145,141; July 2.
Vehicle, Motor driven. G. F. Doyle. 145,072; June 25.
Vehicle or similar article, Folding house. N. E. Graven. 145,440–1; Aug. 20.
Vending machine. W. Baermann. 145,964; Nov. 26.
Vending machine. A. R. Constantine and M. H. Boldt. 145,710; Oct. 15.
Vending machine. C. L. Otto. 143,747; Feb. 5.
Vending machine. O. V. Wells. 145,605; Sept. 17.
Ventilator. O. Mankki and F. J. Schultheir. 143,607; Jan. 22.
Ventilator for airplanes, Adjustable. C. F. Gladen. 146,133; Dec. 31.
Viewer, Picture. C. E. Kidner. 144,718; May 14.
Viewer, Picture. C. S. McClellan. 144,407; Apr. 9.
Violin or similar article. L. G. Klages. 146,148; Dec. 31.
Vise. D. Ross. 144,587; Apr. 30.
Vise. J. B. Thomson. 145,641; Sept. 24.
Wagon and scooter, Combined coaster S. Patner. 146,061; Dec. 10.
Wallpaper. M. M. C. Couts. 143,797; Feb. 12.
Wallet. C. Panzer. 145,849–53; Oct. 29.
Wallet and card cases, Combined. G. Markus. 143,980; Feb. 26.
Wallet or similar article. P. Bank. 143,788; Feb. 12.
Washfountain. C. B. Stevens. 145,989; Nov. 26.
Washing machine. G. W. Walker. 144,998; June 11.
Washing machine and wringer or similar article, Combined. C. W. Sundberg. 145,543; Sept. 3.
Washing machine and wringer or similar article, Combined. C. W. Sundberg. 145,639; Sept. 24.
Washing machine and wringer or similar article, Combined. J. H. Walter. 145,642; Sept. 24.
Watch and holder strap therefor, Combined wrist. C. Arpels. 145,831; Oct. 29.
Watchcase. M. Ostier. 145,673–5; Oct. 1.
Watchcase. J. Shemanski. 145,823; Oct. 22.
Watch, Ring. B. Hurd. 144,716; May 14.
Watch, Wrist. M. Ostier. 145,490; Aug. 27.
Weight, Fish-line. W. J. Harris. 143,531; Jan. 15.
Weight or similar article, Paper. R. M. Blackhall and M. Kanfman. 146,129; Dec. 31.
Wheel, Airplane tail. T. F. Young. 144,751; May 14.
Wheel cover and hub cap or similar article, Combined automobile. G. A. Lyon. 144,725; May 14.
Wheel trim or similar article. G. A. Lyon. 143,498; Jan. 8.
Wicket, Croquet. G. T. Meyer. 143,542–4; Jan. 15.
Winch. O. L. Berby. 144,676; May 14.
Wind indicating apparatus or similar article. L. E. Wood. 145,345; July 30.
Workbench, Laboratory. J. Bjorksten. 145,654; Oct. 1.
Workbench, Laboratory. J. Bjorksten. 145,784–5; Oct. 22.
Working machine, Single spindle automatic metal. A. E. Drissner. 143,716; Feb. 5.
Wrap, Blanket. E. R. Higley. 144,715; May 14.
Wrench. A. C. Brintnall. 143,898; Feb. 19.
Wrench. A. F. Lewis. 145,949; Nov. 19.
Wrench. F. A. Snell. 143,941; Feb. 19.
Wrench. A. A. Westman. 143,777; Feb. 5.
Wrench, Jar top. G. Yates. 145,683; Oct. 1.
Wrench, Pliers. W. A. Laird. 143,921; Feb. 19.
Writing paper, Sheet of. S. Little. 145,528; Sept. 3.
Writing unit, Desk. P. White. 145,828; Oct. 22.
X-ray machine, Foot. M. B. Adrian. 145,864; Nov. 5.

LIST OF DISCLAIMERS ARRANGED BY INVENTIONS

Acyl derivatives of vitamin B_6 and process of making the same. Richard Kuhn and Gerhard Wendt. No. 2,296,167; date of patent Sept. 15, 1942; disclaimer filed Oct. 26, 1946; v. 593; p. 141.

Air compressor. Thomas M. Pierce, Jr. No. 2,288,596; date of patent July 7, 1942; disclaimer filed Dec. 27, 1945; v. 583; p. 211.

Application of mud-laden fluids to oil or gas wells. Phillip E. Barth. No. 1,991,637; date of patent Feb. 19, 1935; disclaimer filed Nov. 26, 1946; v. 593; p. 437.

Arc-extinguishing means. George F. McMahon. No. 2,338,825; date of patent Sept. 7, 1943; disclaimer filed Sept. 19, 1946; v. 591; p. 507.

Bubble tray. Hans C. Glitsch. No. 2,341,091; date of patent Feb. 8, 1944; disclaimer filed July 25, 1946; v. 590; p. 196.

Bulldozer. George S. Allin. Re. No. 21,447; date of patent May 7, 1940; disclaimer filed Jan. 24, 1946; v. 584; p. 1.

Capsules, Method for making. Edward C. Merrill, James W. Reddie, and John M. Anderson. No. 2,275,154; date of patent Mar. 3, 1942; disclaimer filed Aug. 19, 1946; v. 590; p. 364.

Car construction. Roland J. Olander. No. 2,252,897; date of patent Aug. 19, 1941; disclaimer filed Mar. 20, 1946; v. 585; p. 497.

Cartridge clip. John D. Pedersen. No. 1,732,949; date of patent Oct. 22, 1929; disclaimer filed Oct. 4, 1946; v. 591; p. 655.

Cementing process. Earle C. Pitman. Re. No. 22,301; date of patent Apr. 13, 1943; disclaimer filed May 13, 1946; v. 587; p. 503.

Circuit breaker. Elmer H. Taylor. No. 2,370,206; date of patent Feb. 27, 1945; disclaimer filed Sept. 12, 1946; v. 591; p. 327.

Cleaning apparatus. William C. Bruckman. No. 2,356,818; date of patent Aug. 29, 1944; disclaimer filed Dec. 29, 1945; v. 583; p. 211.

Collapsible carton. William P. Frankenstein. Re. No. 21,158; date of patent July 25, 1939; disclaimer filed Feb. 21, 1946; v. 585; p. 1.

Combustion chamber in cylinder heads of internal combustion engines. Jean A. H. Barkelj. (Two cases). Nos. 2,145,577 and 2,191,746; date of patents Jan. 31, 1939, and Feb. 27, 1940; disclaimers filed Nov. 12 and 15, 1946; v. 593; p. 141.

Constructing metal liquid storage tanks, Art of. Wilbur G. Laird. No. 2,355,874; date of patent Aug. 15, 1944; disclaimer filed Dec. 4, 1945; v. 582; p. 345.

Control apparatus. Anthony E. Schwendner. No. 2,383,219; date of patent Aug. 21, 1945; disclaimer filed Nov. 20, 1946; v. 593; p. 428.

Corrosion-resistant aluminum alloy articles and method of making the same. Edgar H. Dix, Jr. No. 1,865,089; date of patent June 28, 1932; disclaimer filed Nov. 14, 1946; v. 593; p. 275.

Cutter. Charles E. Kraus. No. 2,186,417; date of patent Jan. 9, 1940; disclaimer filed Dec. 7, 1945; v. 582; p. 345.

Distillation unit. John C. Cleaver and Jules Verne Resek. No. 2,388,599; date of patent Nov. 6, 1945; disclaimer filed Aug. 28, 1946; v. 591; p. 1.

Drawer construction. Frederick C. Shelters. No. 2,255,950; date of patent Sept. 16, 1941; disclaimer filed July 3, 1946; v. 589; p. 491.

Drawer construction. Edward J. Thompson. No. 2,255,949; date of patent Sept. 16, 1941; disclaimer filed July 3, 1946; v. 588; p. 678.

Electric control circuit. Albert H. Mittag. No. 2,302,294; date of patent Nov. 7, 1944; disclaimer filed Oct. 17, 1946; v. 592; p. 135.

Electric motor control system. Harold S. Ogden. No. 2,383,813; date of patent Aug. 28, 1945; disclaimer filed Oct. 17, 1946; v. 592; p. 275.

Electric valve translating system. George W. Garman. No. 2,325,390; date of patent July 27, 1943; disclaimer filed June 7, 1946; v. 588; p. 355.

Electrical translating system and method. Russell H. Varian. No. 2,242,275; date of patent May 20, 1941; disclaimer filed Dec. 4, 1946; v. 593; p. 575.

Engine regulating means. Fernando Carlo Reggio. No. 2,378,037; date of patent June 12, 1945; disclaimer filed Nov. 19, 1945; v. 582; p. 1.

Fastening device. Ouglijesa Jules Pouplitch. No. 2,324,269; date of patent July 13, 1943; disclaimer filed Oct. 25, 1946; v. 593; p. 1.

Frequency modulation system. Alfonso Alvira. No. 2,339,608; date of patent Jan. 18, 1944; disclaimer filed Feb. 15, 1946; v. 584; p. 311.

Gearing for liquid dispensing apparatus. Harvey L. Spaunburg and Edward A. Slye. No. 2,181,712; date of patent Nov. 28, 1939; disclaimer filed May 8, 1946; v. 587; p. 503.

Handle and operating lever assembly for flushing tanks. Basil R. Crampton. No. 2,233,159; date of patent Feb. 25, 1941; disclaimer filed Mar. 4, 1946; v. 585; p. 1.

High-twist artificial yarn production. Edwin A. Robinson and Arthur De Castro. No. 2,403,304; date of patent July 2, 1946; disclaimer filed Aug. 13, 1946; v. 590; p. 196.

Hydraulic gear shift mechanism. Victor W. Kliesrath and Roy S. Sanford. No. 2,212,442; date of patent August 20, 1940; disclaimer filed July 3, 1946; v. 588; p. 678.

Hydrocarbon copolymer composition. Peter J. Wiezevich, now by judicial change of name Peter J. Gaylor. No. 2,213,423; date of patent Sept. 3, 1940; disclaimer filed Jan. 29, 1946; v. 583; p. 542.

Ignition unit. Myrle O. Marsh. No. 2,392,171; date of patent Jan. 1, 1946; disclaimer filed Jan. 18, 1946; v. 583; p. 542.

Impregnation of textile fabrics. Albert Edward Battye, John Thompson Marsh, Joseph Tankard, William Harling Watson, and Frederick Charles Wood. No. 2,088,227; date of patent July 27, 1937; disclaimer filed Nov. 25, 1946; v. 593; p. 438.

Inflated packer treating tool for wells. John Lynes. No. 2,227,730; date of patent Jan. 7, 1941; disclaimer filed Aug. 6, 1946; v. 590; p. 196.

Insecticide. Leon C. Heckert. No. 1,808,893; date of patent June 9, 1931; disclaimer filed Oct. 26, 1946; v. 592; p. 413.

Internal combustion engine. Le Roy H. Frailing. No. 2,333,993; date of patent Nov. 9, 1943; disclaimer filed June 24, 1946; v. 588; p. 678.

Lift device. William R. Spiller and John F. Haunty. No. 2,362,853; date of patent Nov. 14, 1944; disclaimer filed May 6, 1946; v. 587; p. 177.

Loom picker check. Gustaf E. Utter. No. 2,354,340; date of patent July 25, 1944; disclaimer filed Dec. 19, 1945; v. 583; p. 542.

Lubricant. James W. Gaynor and Clarence M. Loane. No. 2,362,621; date of patent Nov. 14, 1944; disclaimer filed Feb. 20, 1946; v. 585; p. 173.

Metalworking apparatus. Raynal W. Andrews, Jr., and Arthur T. Delly. No. 2,331,953; date of patent Oct. 19, 1943; disclaimer filed Feb. 14, 1946; v. 584; p. 311.

Mixture control. Stanley M. Udale. No. 2,367,542; date of patent Jan. 16, 1945; disclaimer filed Mar. 5, 1946; v. 585; p. 173.

Monoamides of dicarboxylic acids and process of preparing the same. Paul L. Salzberg; No. 2,101,323; date of patent Dec. 7, 1937; disclaimer filed Jan. 8, 1946; v. 583; p. 211.

Motor vehicle. Delmar G. Roos. No. 2,367,434; date of patent Jan. 16, 1945; disclaimer filed Oct. 12, 1946; v. 592; p. 275.

100-Line all relay system. Norman H. Saunders. No. 2,325,151; date of patent July 27, 1943; disclaimer filed Apr. 18, 1946; v. 586; p. 505.

Packing perishables and package, Method of. Irvine L. Phillips. No. 2,336,291; date of patent Dec. 7, 1943; disclaimer filed Nov. 15, 1946; v. 593; p. 275.

Permeability tuning system. Chandler Wentworth. No. 2,322,722; date of patent June 22, 1943; disclaimer filed Dec. 13, 1945; v. 582; p. 621.

Pile products, Apparatus for making. Leroy N. Linscott. No. 2,385,925; date of patent Oct. 2, 1945; disclaimer filed May 10, 1946; v. 587; p. 503.

Piston. Harry F. Wood. No. 2,341,836; date of patent Feb. 15, 1944; disclaimer filed Sept. 12, 1946; v. 591; p. 147.

Piston stabilizer and recam. Dale J. Wherry. No. 2,252,140; date of patent Aug. 12, 1941; disclaimer filed July 11, 1946; v. 589; p. 327.

Poly iodized derivatives of the hydroxy diphenyl carboxylic acids and a process for preparing the same. Max Dohrn. No. 2,345,384; date of patent Mar. 28, 1944; disclaimer filed Feb. 18, 1946; v. 584; p. 485.

Preselector. Thedore Obszarny. No. 2,351,451; date of patent June 13, 1944; disclaimer filed Dec. 19, 1945; v. 583; p. 211.

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